

Attachment A

Meteorological Data from Waste Control Specialists On-Site Weather Stations

(3840 pages)

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/1/2010 0:00	3901	3.278	258.1	78.68	6.368	2.104	155.9	80.2	4.578	28.72	25.71	89.6	96.2	0	0	26.56	8.61	0	12.42
1/1/2010 1:00	3902	3.083	215.2	43.38	8.16	1.329	148	30.39	4.578	27.82	23.52	91.8	96.3	0	0	26.54	8.61	0.001	12.64
1/1/2010 2:00	3903	3.315	217.7	32.78	8.16	1.026	228	54.12	4.578	25.02	23.34	93.1	97.7	0	0	26.52	8.62	0.002	12.3
1/1/2010 3:00	3904	5.072	219.2	11.47	8.16	1.439	229.8	18.19	4.578	24.76	23.21	93.3	98	0	0	26.51	8.62	0.001	12.33
1/1/2010 4:00	3905	5.411	247.3	11.69	8.16	2.17	252.8	11.96	4.578	23.97	22.98	93.7	97.7	0	0	26.5	8.62	0	12.26
1/1/2010 5:00	3906	3.301	246.9	6.542	8.16	1.374	234.1	8.18	4.578	24.32	22.68	94	97.9	0	0	26.5	8.62	0	12.16
1/1/2010 6:00	3907	3.417	241.3	12.19	6.368	0.828	260.5	13.93	4.578	24.87	22.97	95.4	98.6	0	0	26.47	8.62	0	12.21
1/1/2010 7:00	3908	4.241	246.6	14.6	8.16	1.104	256.4	15.38	4.578	25.38	23.57	94.9	98.8	0	0	26.45	8.62	0	12.12
1/1/2010 8:00	3909	5.284	222.2	6.58	8.16	1.469	230.7	8.32	4.578	24.82	23.12	94.8	98.7	0	1.338	26.44	8.62	0	12.21
1/1/2010 9:00	3910	4.487	233.7	9.49	8.16	2.388	245.4	9.7	6.368	26.52	25.86	92.4	97.6	0	58.26	26.45	8.61	-0.002	12.65
1/1/2010 10:00	3911	7.693	216.4	8.47	13.52	5.641	221.2	12.19	9.95	31.32	31.91	90.4	94.3	0	232.8	26.49	8.62	0.003	12.64
1/1/2010 11:00	3912	10.59	209.6	8.98	15.31	7.886	213.4	12.54	11.74	35.34	36.5	84.4	87	0	416.1	26.55	8.61	-0.003	13.8
1/1/2010 12:00	3913	11.11	211.9	11.94	17.1	8.44	216	15.21	15.31	41.2	42.33	67.22	67.89	0	523.1	26.58	8.63	0.017	13.09
1/1/2010 13:00	3914	11.48	218.9	15.17	18.89	8.96	223.2	17.14	15.31	44.7	45.81	56.73	56.06	0	584.7	26.58	8.64	0.011	12.78
1/1/2010 14:00	3915	12.82	218.6	13.31	20.68	9.72	221.7	16.03	17.1	47.44	48.64	51.96	50.81	0	585.3	26.56	8.65	0.003	12.87
1/1/2010 15:00	3916	11.37	211.9	12.35	17.1	8.57	216.2	15.46	15.31	51.46	52.72	44.37	42.85	0	526.5	26.54	8.62	-0.029	12.91
1/1/2010 16:00	3917	11.75	214.4	14.38	18.89	8.8	218.4	16.52	15.31	53.44	54.46	40.02	38.56	0	409.7	26.53	8.58	-0.032	12.82
1/1/2010 17:00	3918	10.5	214.2	10.93	18.89	7.648	218.7	14.19	15.31	53.75	54.6	39.19	37.98	0	250.1	26.51	8.58	-0.003	12.74
1/1/2010 18:00	3919	5.376	217.9	23.03	9.95	3.455	220.4	26.45	8.16	52.9	52.81	40.67	40.81	0	65.5	26.5	8.58	-0.005	12.66
1/1/2010 19:00	3920	4.779	130.7	29.53	8.16	2.761	90	20.89	4.578	48.05	45.16	45.5	51.35	0	0.614	26.47	8.57	-0.005	12.32
1/1/2010 20:00	3921	8.27	115.4	4.517	11.74	4.044	88.7	9.05	6.368	43.95	39	50.13	62.41	0	0	26.44	8.57	-0.005	12.44
1/1/2010 21:00	3922	8.62	120.7	8.21	11.74	3.865	102.6	13.79	6.368	41	36.91	51.86	62.69	0	0	26.41	8.56	-0.004	12.12
1/1/2010 22:00	3923	7.516	119.7	8.58	9.95	3.395	94.9	15.17	6.368	37.98	34.62	55.69	65.61	0	0	26.4	8.56	-0.003	12.44
1/1/2010 23:00	3924	6.452	138.6	28.81	9.95	2.714	109.2	40.63	6.368	37.48	34.39	55.55	64.84	0	0	26.39	8.56	-0.003	12.23
1/2/2010 0:00	3925	1.337	188.3	12.98	6.368	0.389	233.7	21.93	4.578	34.37	33.05	62.6	68.5	0	0	26.39	8.56	-0.002	12.25
1/2/2010 1:00	3926	0	0	0	0	0.43	57.63	4.345	2.789	34.39	31.66	64.04	76.22	0	0	26.37	8.56	0.001	12.37
1/2/2010 2:00	3927	3.1	91.8	24.79	6.368	2.086	71.75	7.252	4.578	34.55	29	66.25	82.7	0	0	26.34	8.55	-0.003	12.15
1/2/2010 3:00	3928	3.916	126.1	10.72	6.368	2.453	76.05	10.23	4.578	33.96	30.92	70.7	80.4	0	0	26.33	8.55	0	12.34
1/2/2010 4:00	3929	2.765	111.9	23.52	4.578	2.593	62.01	6.536	4.578	33.89	30.58	72.77	83.2	0	0	26.33	8.56	0.003	12.67
1/2/2010 5:00	3930	4.821	78.91	24.29	9.95	3.441	62.97	8.62	6.368	33.04	29.22	76.18	86.7	0	0	26.32	8.56	0	12.24
1/2/2010 6:00	3931	8.9	27.21	10.01	13.52	5.446	28.75	11.85	11.74	28.34	28.01	82.3	87.4	0	0	26.32	8.56	0	12.14
1/2/2010 7:00	3932	7.671	44.47	6.17	11.74	4.155	46.04	8.97	8.16	27.53	26.96	83.7	89.1	0	0	26.32	8.56	0	12.19
1/2/2010 8:00	3933	7.229	45.25	7.941	9.95	3.916	47.47	10.84	6.368	26.65	26.06	84.6	90.2	0	1.143	26.31	8.56	0	12.33
1/2/2010 9:00	3934	6.686	64.47	9.71	9.95	4.58	62.5	10.66	8.16	27.6	28.02	83.7	88.2	0	66.64	26.32	8.56	0	12.56
1/2/2010 10:00	3935	4.1	73.4	16.9	6.368	2.973	66.98	19.02	6.368	35.21	36.54	76.8	79.62	0	243.3	26.37	8.56	0	12.83
1/2/2010 11:00	3936	4.47	119.2	37.8	8.16	3.367	113.2	46.43	8.16	40.48	41.82	69.58	70.13	0	400.8	26.43	8.56	-0.001	12.69
1/2/2010 12:00	3937	5.225	169.3	27.83	11.74	3.888	172.5	31.2	9.95	44.18	45.35	63.23	62.01	0	516.6	26.46	8.56	0.005	12.89
1/2/2010 13:00	3938	6.655	173.2	23.06	11.74	5.063	179.1	30.23	9.95	47.38	48.59	56.74	54.9	0	578.6	26.45	8.55	-0.007	12.79
1/2/2010 14:00	3939	6.898	211.4	23.14	17.1	5.461	215.5	27.01	11.74	50.61	51.48	50.46	48.78	0	581.1	26.43	8.53	-0.024	12.71
1/2/2010 15:00	3940	8.81	201.8	18.12	13.52	6.787	205.5	21.06	11.74	52.46	53.69	46.03	44.03	0	523.4	26.4	8.52	-0.007	12.93
1/2/2010 16:00	3941	11.51	198.6	15.46	20.68	8.44	202.2	18.23	17.1	53.79	55.14	43.3	41.38	0	404.1	26.37	8.52	-0.006	12.84
1/2/2010 17:00	3942	12.11	203.1	11.29	18.89	8.73	206	14.6	17.1	53.94	54.95	42.22	40.83	0	239	26.35	8.51	-0.005	12.99
1/2/2010 18:00	3943	6.276	207.8	15.54	13.52	3.312	206	25.03	9.95	50.68	49.76	46.33	48.17	0	27.71	26.33	8.51	-0.005	12.87
1/2/2010 19:00	3944	5.693	178.5	11.67	8.16	1.816	148.5	26.69	4.578	47.2	43.78	50.17	56.7	0	0.67	26.29	8.47	-0.039	12.56
1/2/2010 20:00	3945	6.095	161.8	13.63	9.95	2.444	132.9	30.41	4.578	43.17	39.95	56.23	63.73	0	0	26.26	8.47	-0.003	12.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/2/2010 21:00	3946	5.87	193.6	9.68	9.95	1.75	178.2	17.37	4.578	40.48	37.05	61.13	70.39	0	0	26.23	8.47	0	12.19	
1/2/2010 22:00	3947	8.8	198.9	9.6	13.52	4.942	202.2	13.16	9.95	40.2	38.48	68.86	75.35	0	0	26.23	8.46	-0.003	12.4	
1/2/2010 23:00	3948	5.695	234.7	15.27	11.74	2.641	250.7	23.75	8.16	36.62	34.95	75.08	81.4	0	0	26.24	8.46	0	13.4	
1/3/2010 0:00	3949	4.255	257.4	12.75	8.16	1.349	288.2	15.02	4.578	35.6	32.45	76.55	85.2	0	0	26.24	8.46	-0.002	12.28	
1/3/2010 1:00	3950	5.037	251.9	10.74	8.16	2.085	272.8	24.78	4.578	35.24	31.71	81.2	90.1	0	0	26.24	8.46	0.002	12.52	
1/3/2010 2:00	3951	5.106	285.1	24.6	9.95	2.747	297.9	33.04	6.368	33.96	30.71	84.8	93.5	0	0	26.23	8.46	-0.003	12.42	
1/3/2010 3:00	3952	6.856	330.5	7.507	11.74	3.882	332.7	11.04	8.16	33.84	31.73	85.1	93.3	0	0	26.24	8.46	0	12.6	
1/3/2010 4:00	3953	7.712	348.3	27.54	15.31	4.635	354.3	25.74	9.95	34.27	32.31	81.9	89.9	0	0	26.25	8.46	0	12.73	
1/3/2010 5:00	3954	15.89	26.42	9.92	27.84	11.08	24.74	11.55	26.05	26.68	27.02	92.9	96.7	0	0	26.27	8.46	0	12.24	
1/3/2010 6:00	3955	17.26	24	10.01	29.63	12.42	22.47	11.49	26.05	27.63	27.92	97	99.2	0	0	26.28	8.46	0	12.45	
1/3/2010 7:00	3956	12.01	29.38	10.8	22.47	7.731	28.41	11.8	18.89	28.81	29.09	96.5	99	0	0	26.31	8.46	0	12.36	
1/3/2010 8:00	3957	14.7	18.19	11.81	24.26	10.78	18.26	12.41	20.68	29.17	29.46	96.6	99.2	0	0.672	26.33	8.46	0	12.43	
1/3/2010 9:00	3958	10.42	17.33	14.48	18.89	7.471	16.84	15.73	17.1	29.41	29.71	96.9	99.3	0	27.33	26.36	8.46	-0.001	12.67	
1/3/2010 10:00	3959	7.328	14.76	14.45	13.52	5.442	11.55	15.51	13.52	31.73	32.38	94.1	97.1	0	195.4	26.39	8.46	0.001	12.39	
1/3/2010 11:00	3960	12.56	37.96	10.62	22.47	7.538	36.77	11.43	17.1	38.53	39.35	78.91	81.9	0	394.3	26.45	8.45	-0.006	13.28	
1/3/2010 12:00	3961	15.25	37.8	10.78	24.26	9.28	36.02	11.71	20.68	43.65	44.55	67.54	69.23	0	513.5	26.5	8.45	-0.005	12.78	
1/3/2010 13:00	3962	15.1	32.73	12.08	22.47	9.78	30.21	12.98	20.68	46.63	47.71	59.48	59.89	0	577.3	26.51	8.44	-0.008	12.98	
1/3/2010 14:00	3963	14.18	38.55	13.39	22.47	9.02	35.97	14.56	20.68	48.67	49.93	54.56	54.28	0	579.5	26.51	8.44	0	12.83	
1/3/2010 15:00	3964	11.47	50.84	17.49	22.47	7.599	48.24	18.82	17.1	50.35	51.83	50.68	49.91	0	520.4	26.52	8.43	-0.007	12.77	
1/3/2010 16:00	3965	9.98	64.67	14.74	17.1	7.051	61.3	17.84	15.31	51.21	52.78	48.51	47.48	0	405.2	26.53	8.43	-0.007	12.86	
1/3/2010 17:00	3966	9.02	77.16	15.02	15.31	6.494	74.72	18.79	11.74	51.12	52.67	48.47	47.46	0	245.7	26.53	8.42	-0.005	12.76	
1/3/2010 18:00	3967	6.955	80.5	9.62	11.74	4.607	79.21	13.71	9.95	49.32	49.76	50.57	51.24	0	65.73	26.52	8.42	-0.006	12.85	
1/3/2010 19:00	3968	5.987	75.41	7.417	8.16	3.101	65.74	12.43	6.368	44.44	42.14	57.9	64.35	0	0.716	26.5	8.41	-0.004	12.44	
1/3/2010 20:00	3969	6.811	76.67	6.674	9.95	3.665	66.69	10.78	6.368	40.58	38.3	64.62	71.7	0	0	26.47	8.41	-0.001	12.46	
1/3/2010 21:00	3970	7.301	86.3	6.403	9.95	3.838	80.1	12.34	6.368	37.92	36.46	71.39	77.41	0	0	26.46	8.4	-0.005	12.16	
1/3/2010 22:00	3971	7.939	89.4	5.817	11.74	4.421	83.4	11.74	6.368	34.32	33.28	81.3	86.5	0	0	26.46	8.4	-0.003	12.26	
1/3/2010 23:00	3972	6.779	91.5	7.181	11.74	3.789	84.6	11.75	8.16	31.83	31.07	87.7	92.6	0	0	26.46	8.4	-0.002	12.37	
1/4/2010 0:00	3973	1.45	100	14.53	4.578	0.62	71.94	35.18	4.578	29.99	28.96	90.9	96	0	0	26.47	8.4	-0.005	12.51	
1/4/2010 1:00	3974	6.855	69.29	8.85	11.74	4.285	60.24	9.82	8.16	29.42	28.78	91.8	96.9	0	0	26.46	8.39	-0.006	12.3	
1/4/2010 2:00	3975	7.547	80.2	12.8	15.31	4.598	75.73	15.54	9.95	29.45	28.92	92	97	0	0	26.46	8.39	-0.003	12.33	
1/4/2010 3:00	3976	1.155	131.1	31.64	6.368	0.528	197.2	34.8	4.578	27.5	26.38	94.5	97.8	0	0	26.47	8.39	0	12.47	
1/4/2010 4:00	3977	3.129	24.6	23.12	8.16	1.667	19.43	25.16	4.578	27.76	26.47	94.2	98.8	0	0	26.46	8.39	0	12.14	
1/4/2010 5:00	3978	4.76	61.19	11.3	8.16	2.321	65.28	13.21	4.578	26.17	25.17	92.8	97.4	0	0	26.46	8.39	0	12.34	
1/4/2010 6:00	3979	3.334	63.42	42.84	8.16	1.776	56.44	31.43	6.368	25.04	24.24	93.7	97.5	0	0	26.47	8.39	0	12.17	
1/4/2010 7:00	3980	3.442	67.76	10.91	8.16	1.773	64.25	9.31	6.368	24.85	23.36	93.5	97.8	0	0	26.47	8.39	0.002	12.25	
1/4/2010 8:00	3981	6.971	54.94	6.929	9.95	4.312	54.91	9.98	9.95	23.6	23.27	94.1	97.8	0	1.416	26.48	8.39	0	12.21	
1/4/2010 9:00	3982	5.405	56.29	10.55	8.16	3.296	54.14	13.53	6.368	23.23	23.87	93.2	97.1	0	60.31	26.5	8.39	0.002	12.53	
1/4/2010 10:00	3983	5.146	97	20.06	9.95	4.024	93.8	23.74	8.16	26.28	27.45	89	92.5	0	227.3	26.55	8.39	-0.001	12.55	
1/4/2010 11:00	3984	4.662	101	26.69	8.16	3.614	97.5	30.45	8.16	24.61	25.59	92.3	95.2	0	200.3	26.59	8.39	0.001	12.39	
1/4/2010 12:00	3985	4.91	91.1	22.17	9.95	3.796	90.3	26.8	8.16	28.01	29.25	92.4	94.7	0	324.4	26.58	8.39	0	13.7	
1/4/2010 13:00	3986	6.133	85.6	20.83	9.95	4.872	81.3	26.48	9.95	35.14	36.7	80.7	82	0	589.1	26.59	8.39	-0.002	12.44	
1/4/2010 14:00	3987	7.196	146	27.09	13.52	5.383	148.7	30.91	11.74	40.6	42.22	69.71	68.44	0	580.1	26.62	8.4	0.013	12.61	
1/4/2010 15:00	3988	9.63	152	17.33	18.89	6.956	154.4	20.88	13.52	42.7	44.58	64.04	61.91	0	520.6	26.62	8.41	0.006	12.68	
1/4/2010 16:00	3989	9.79	148.7	15.16	17.1	7.025	151.1	19.83	13.52	43.9	45.55	59.98	57.99	0	407.7	26.61	8.4	-0.006	12.66	
1/4/2010 17:00	3990	9.62	156.5	12.27	15.31	6.674	159.7	16.7	13.52	43.57	45.08	59.9	58.24	0	249.4	26.6	8.37	-0.029	12.63	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/4/2010 18:00	3991	9.24	142.2	10.06	13.52	5.987	143.6	15.58	11.74	41.39	41.89	64.5	65.2	0	67.69	26.57	8.37	-0.005	12.63
1/4/2010 19:00	3992	7.31	127.3	7.079	9.95	3.633	120.1	12.55	6.368	35.46	34.15	74.33	79.28	0	0.788	26.54	8.37	0	12.18
1/4/2010 20:00	3993	7.641	124.7	6.858	9.95	3.959	116.2	13.68	6.368	31.81	30.66	81.7	87.4	0	0	26.5	8.36	-0.002	12.2
1/4/2010 21:00	3994	6.697	117	5.433	9.95	3.172	102.6	11.65	4.578	29.62	28.22	86.2	92.3	0	0	26.48	8.36	-0.001	12.22
1/4/2010 22:00	3995	7.156	124.7	6.562	9.95	3.56	116.7	13.04	6.368	28.96	27.68	88.4	94.9	0	0	26.46	8.36	-0.003	12.22
1/4/2010 23:00	3996	7.186	127.8	8.52	9.95	3.415	117.9	16.83	6.368	28.67	27.41	89.5	95.8	0	0	26.47	8.36	0	12.25
1/5/2010 0:00	3997	6.754	110.1	6.697	8.16	3.426	88	10.24	6.368	28.12	26.39	90.4	96.7	0	0	26.46	8.36	0	12.25
1/5/2010 1:00	3998	6.887	113.4	6.112	11.74	3.359	98.3	12.05	6.368	27.63	26.07	91.8	97.6	0	0	26.45	8.36	0	12.28
1/5/2010 2:00	3999	7.02	116	7.618	9.95	3.759	106.8	13.52	6.368	27.79	26.8	91.5	97.5	0	0	26.44	8.36	0	12.19
1/5/2010 3:00	4000	6.519	108.8	5.806	8.16	3.424	92.2	10.08	6.368	26.94	25.64	91.4	97.1	0	0	26.43	8.36	0	12.25
1/5/2010 4:00	4001	5.949	105.9	6.105	8.16	3.267	89.6	10.4	4.578	26.33	25.17	90.9	97	0	0	26.42	8.36	0	12.19
1/5/2010 5:00	4002	6.035	101	7.434	8.16	3.356	85.8	10.92	6.368	25.91	24.89	90.6	96.5	0	0	26.4	8.36	0	12.32
1/5/2010 6:00	4003	5.917	106.4	7.647	8.16	3.193	88.2	9.94	4.578	25.46	24.2	90.2	96.4	0	0	26.39	8.36	0.001	12.16
1/5/2010 7:00	4004	5.951	106.7	6.213	8.16	3.234	92.8	10.9	6.368	25.37	24.25	89.7	95.8	0	0	26.39	8.36	0	12.27
1/5/2010 8:00	4005	4.805	121.1	10.58	8.16	1.683	104.1	14.16	4.578	24.47	23.43	90.5	96.1	0	1.383	26.39	8.36	0	12.21
1/5/2010 9:00	4006	5.087	143.8	29.37	11.74	2.661	142.2	38.23	8.16	25.71	25.51	92.2	97.5	0	32.44	26.38	8.36	0	12.25
1/5/2010 10:00	4007	8.1	185.6	11.06	15.31	5.611	190.2	14.59	11.74	30.23	30.69	97.3	99.2	0	91.7	26.4	8.36	0.002	12.26
1/5/2010 11:00	4008	10.12	199.5	11.08	15.31	7.234	203.6	13.32	13.52	32.14	32.7	99.6	99.3	0	130.6	26.43	8.36	-0.003	12.44
1/5/2010 12:00	4009	10.75	202	12.5	17.1	7.853	205.8	15.8	13.52	35.03	36.03	99.1	97.6	0	295.9	26.42	8.36	0.003	13.73
1/5/2010 13:00	4010	9.82	198.7	15.28	15.31	7.493	204.2	18.72	13.52	41.24	42.72	80.4	78.94	0	581.7	26.43	8.39	0.022	12.36
1/5/2010 14:00	4011	8.59	197	16.29	15.31	6.691	200.9	19.38	13.52	47.01	48.32	65.36	64.06	0	581.8	26.45	8.4	0.017	12.63
1/5/2010 15:00	4012	10.15	200.7	15.63	18.89	7.746	205.6	18.72	13.52	50.12	51.55	57.21	55.23	0	526.6	26.45	8.4	0.002	13.7
1/5/2010 16:00	4013	12.4	201.3	12.01	18.89	9.01	204.5	14.84	15.31	50.87	52.21	53.52	51.7	0	376.5	26.44	8.34	-0.066	12.72
1/5/2010 17:00	4014	11.22	192.2	12.59	17.1	7.974	195.6	15.69	15.31	50.7	51.86	53.93	52.37	0	250	26.41	8.34	-0.003	12.61
1/5/2010 18:00	4015	8.39	176.7	9.95	15.31	5.264	179	14.97	11.74	48.57	48.75	58.24	58.48	0	70.9	26.38	8.33	-0.003	14.3
1/5/2010 19:00	4016	7.105	169.6	4.454	9.95	2.736	168	9.62	4.578	42.94	40.29	66.93	73.37	0	0.884	26.33	8.33	-0.004	12.34
1/5/2010 20:00	4017	5.525	163.7	13.1	8.16	2.241	130.7	23.91	4.578	39.51	37.11	73.25	80.3	0	0	26.29	8.33	-0.001	13.63
1/5/2010 21:00	4018	5.179	150	15.83	9.95	2.273	105.8	31.07	4.578	38.04	35.63	76.76	84.5	0	0	26.27	8.33	-0.003	12.54
1/5/2010 22:00	4019	6.585	200.3	9.29	9.95	3.068	208.6	14.99	6.368	36.93	34.74	80.6	88.3	0	0	26.26	8.32	-0.003	13.14
1/5/2010 23:00	4020	4.451	191.6	15	8.16	1.32	192	20.44	4.578	34.55	32.81	86	92.9	0	0	26.25	8.32	-0.003	12.33
1/6/2010 0:00	4021	8.47	201.9	9.15	13.52	4.761	207.1	13.19	9.95	34.55	33.33	86.5	93.4	0	0	26.24	8.32	0	12.48
1/6/2010 1:00	4022	6.353	220.6	8.79	9.95	2.577	234.1	12.11	4.578	32.21	30.17	90.4	96	0	0	26.22	8.31	-0.006	12.34
1/6/2010 2:00	4023	4.31	248.7	11.36	6.368	1.414	286.5	18.15	4.578	30.71	28.51	93.3	99.1	0	0	26.19	8.31	-0.002	12.26
1/6/2010 3:00	4024	4.189	239.9	10.19	6.368	1.423	267.2	17.94	4.578	30.75	28.5	92.1	99.1	0	0	26.18	8.31	0	12.83
1/6/2010 4:00	4025	5.388	244.9	7.162	8.16	2.028	262.8	14.17	4.578	29.35	27.19	93.9	99.2	0	0	26.17	8.31	0	12.32
1/6/2010 5:00	4026	5.35	257.4	8.63	8.16	2.368	275.9	15.53	4.578	28.44	26.43	94.7	99.2	0	0	26.16	8.31	0	12.18
1/6/2010 6:00	4027	5.3	264.3	14.45	8.16	2.476	277.9	28.25	4.578	27.72	25.36	94.8	99.2	0	0	26.15	8.31	0	12.85
1/6/2010 7:00	4028	4.923	254	10.16	6.368	2.038	260.5	20.11	4.578	26.61	25.12	94.7	99.1	0	0	26.14	8.31	0	12.36
1/6/2010 8:00	4029	4.98	258.9	10.25	8.16	1.894	269.8	16.83	4.578	26.07	24.3	95.6	99.1	0	1.369	26.15	8.31	0.001	12.76
1/6/2010 9:00	4030	6.144	255.4	15.96	9.95	3.975	257.6	20.39	8.16	29.31	28.95	94.4	98.5	0	84.3	26.16	8.32	0.003	12.38
1/6/2010 10:00	4031	6.739	230.9	11.13	9.95	5.154	234.6	10.56	8.16	34.98	35.28	91.6	95.5	0	199.8	26.2	8.31	-0.003	12.27
1/6/2010 11:00	4032	9.29	244	11.13	15.31	7.429	244.9	13.07	11.74	44.73	45.23	73.81	76.15	0	405.8	26.25	8.32	0.003	12.69
1/6/2010 12:00	4033	13.23	248.3	11.08	20.68	10.34	249.3	13.53	17.1	54.85	55.5	50.61	50.2	0	523.5	26.29	8.32	0.004	12.92
1/6/2010 13:00	4034	14.16	260.9	15.18	20.68	10.69	262.4	19.21	18.89	60.89	61.73	38.95	37.42	0	588.6	26.29	8.3	-0.025	13.14
1/6/2010 14:00	4035	13.73	271.3	13.28	20.68	10.93	272.2	16.69	17.1	64.61	65.48	30.17	28.04	0	592.8	26.28	8.29	-0.003	13.16

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/6/2010 15:00	4036	14.94	283.1	13.08	24.26	12.3	282.9	14.85	20.68	66.7	67.58	24.94	22.6	0	536.4	26.27	8.28	-0.014	13.25
1/6/2010 16:00	4037	12.33	270.1	13.53	18.89	10.03	270.4	14.95	17.1	67.45	68.22	23.54	21.09	0	419.8	26.26	8.27	-0.007	13.06
1/6/2010 17:00	4038	11.02	290	15.72	17.1	9.05	291.6	18.01	17.1	67.79	68.3	22.68	20.48	0	258.6	26.26	8.26	-0.012	13.66
1/6/2010 18:00	4039	7.296	288.4	16.16	13.52	4.986	291	18.79	11.74	65.09	64.55	27.51	26.92	0	73.57	26.25	8.25	-0.009	13.44
1/6/2010 19:00	4040	2.237	311.3	34.41	6.368	1.44	45.24	29.51	6.368	58.61	54.55	33.59	38.8	0	0.916	26.23	8.24	-0.01	12.88
1/6/2010 20:00	4041	1.373	332.6	8.19	6.368	0.889	108.7	24.71	4.578	55.35	48.66	36.41	46.17	0	0	26.21	8.21	-0.027	12.86
1/6/2010 21:00	4042	9.33	334	17.7	17.1	6.031	337.6	18.71	13.52	54.33	49.84	38.64	45.02	0	0	26.21	8.21	-0.002	12.71
1/6/2010 22:00	4043	24.29	32.12	19.02	40.36	14.67	32.18	20.83	33.21	40.26	40.35	72.33	74.8	0	0	26.27	8.21	-0.006	12.76
1/6/2010 23:00	4044	27.03	40.05	10.73	42.15	15.6	40.36	13.05	33.21	33.94	34.29	84.1	87.2	0	0	26.3	8.2	-0.004	12.7
1/7/2010 0:00	4045	28.12	41.18	10.42	45.73	16.14	41.42	12.8	34.99	30.82	31.27	85.6	88.8	0	0	26.32	8.2	-0.006	14.37
1/7/2010 1:00	4046	24.83	37.27	11.32	45.73	14.62	37.47	13.41	31.42	26.64	27.15	85.1	88.3	0	0	26.34	8.19	-0.004	12.77
1/7/2010 2:00	4047	23.2	36.83	11.67	45.73	13.71	36.69	13.21	36.78	23.98	24.46	80.8	83.8	0	0	26.36	8.19	-0.003	12.25
1/7/2010 3:00	4048	19.58	28.93	11.2	33.21	12.4	29.44	12.67	29.63	23.89	24.35	75.94	78.68	0	0	26.4	8.19	-0.003	12.68
1/7/2010 4:00	4049	17.32	27.45	11.27	27.84	11.52	26.83	12.32	24.26	22.89	23.39	73.75	76.3	0	0	26.43	8.19	0	12.25
1/7/2010 5:00	4050	15.01	30.55	11.2	26.05	9.41	31.04	12.42	24.26	22.34	22.81	72.67	75.18	0	0	26.44	8.19	0.001	12.19
1/7/2010 6:00	4051	17.37	21.75	9.41	27.84	12.7	21.23	10.95	24.26	20.51	21.05	69.6	71.75	0	0	26.45	8.18	-0.002	12.42
1/7/2010 7:00	4052	11.95	22.84	10.29	20.68	8.63	22.73	11.21	18.89	18.83	19.24	68.93	71.24	0	0	26.47	8.19	0.001	12.24
1/7/2010 8:00	4053	9.28	18.4	12.73	17.1	6.867	18.06	13.54	13.52	17.86	18.32	70.09	72.52	0	0.76	26.5	8.19	0	12.53
1/7/2010 9:00	4054	7.371	40.22	13.64	13.52	4.561	39.03	14.69	9.95	17.25	17.75	67.93	70.51	0	31.19	26.52	8.19	0	12.56
1/7/2010 10:00	4055	8.01	26.81	13.31	15.31	5.632	27.28	14.39	13.52	18.74	19.65	64.54	66.38	0	152.4	26.55	8.19	0	12.27
1/7/2010 11:00	4056	11.56	20.57	12.26	20.68	8.49	19.38	14.11	17.1	20.9	21.71	61.35	62.56	0	180	26.57	8.19	0.001	12.48
1/7/2010 12:00	4057	12.41	27.31	15.53	20.68	8.39	26.62	16.18	17.1	23.86	24.95	54.41	54.85	0	395	26.57	8.19	-0.001	12.79
1/7/2010 13:00	4058	13.48	37.95	13.49	22.47	8.54	35.78	13.95	17.1	24.66	25.75	49.43	49.32	0	321.9	26.56	8.18	-0.001	12.2
1/7/2010 14:00	4059	13.36	36.29	15.1	20.68	8.74	34.42	15.4	20.68	26.16	27.27	45.5	45.13	0	353.7	26.52	8.19	0.003	12.75
1/7/2010 15:00	4060	12.36	39.82	14.96	22.47	7.977	37.41	16.26	18.89	27.51	28.86	42.54	41.8	0	368.9	26.52	8.19	-0.001	12.85
1/7/2010 16:00	4061	12.14	43.8	13.18	20.68	7.632	40.85	13.74	15.31	26.99	28.02	41.04	40.45	0	227.8	26.52	8.19	0	12.8
1/7/2010 17:00	4062	12.12	50.25	11.29	18.89	7.754	47.47	13.12	15.31	26.65	27.61	39.97	39.43	0	161.5	26.51	8.18	-0.002	12.73
1/7/2010 18:00	4063	11.51	47.77	9.93	18.89	6.994	44.85	11.6	13.52	26.14	26.72	40.79	40.62	0	31.99	26.49	8.19	0.001	12.35
1/7/2010 19:00	4064	10.97	48.99	9.69	17.1	6.637	44.89	11.02	13.52	25.28	25.66	40.81	40.88	0	0.341	26.49	8.19	0	12.7
1/7/2010 20:00	4065	11.28	49.1	8.89	17.1	6.809	45.2	11.62	13.52	24.85	25.24	41.35	41.52	0	0	26.5	8.19	0	12.23
1/7/2010 21:00	4066	9.6	52.83	9.82	15.31	6.091	50.01	12.32	13.52	24.4	24.79	39.97	40.27	0	0	26.51	8.19	0	12.17
1/7/2010 22:00	4067	9.06	56.39	9.68	15.31	6.083	54.24	12.57	13.52	24.17	24.52	38.8	39.1	0	0	26.53	8.19	0	12.23
1/7/2010 23:00	4068	8.36	52.41	9.5	15.31	5.314	49.09	12.47	11.74	23.98	24.31	38.7	38.98	0	0	26.54	8.19	0	12.22
1/8/2010 0:00	4069	10.93	47.72	9.63	18.89	6.514	43.97	11.98	17.1	23.67	24.07	39.64	39.77	0	0	26.55	8.19	0	12.21
1/8/2010 1:00	4070	12.34	34.17	10.7	20.68	7.597	33.01	11.35	17.1	20.27	20.86	75.22	77.25	0	0	26.56	8.18	-0.002	12.19
1/8/2010 2:00	4071	9.39	45.09	9.25	15.31	5.688	42.49	10.58	11.74	18.98	19.5	85.5	89.7	0	0	26.56	8.19	0.002	12.51
1/8/2010 3:00	4072	6.894	46.03	10.66	11.74	4.452	43.18	11.81	9.95	18.75	19.2	87.5	92.4	0.01	0	26.56	8.19	0	12.43
1/8/2010 4:00	4073	3.895	57.78	8.29	11.74	3.092	55.98	12	9.95	18.47	18.94	86.7	91.8	0.01	0	26.56	8.19	0	13.72
1/8/2010 5:00	4074	0.296	99.4	5.658	4.578	0.923	106.3	14.31	4.578	18.5	18.89	87	92	0.01	0	26.57	8.19	0	12.22
1/8/2010 6:00	4075	0.349	107.1	6.806	4.578	0.657	117.5	10.25	4.578	18.25	18.63	87.2	92.2	0.01	0	26.56	8.19	0	12.86
1/8/2010 7:00	4076	0	0	0	0	0.184	216.9	9.68	2.789	18.24	18.56	87.5	92.5	0	0	26.56	8.19	0	12.24
1/8/2010 8:00	4077	0.519	227.7	5.44	4.578	1.346	229.3	9.01	4.578	18.49	18.87	87.3	92.2	0	0.127	26.57	8.19	0	12.61
1/8/2010 9:00	4078	3.478	281.6	12.66	6.368	3.428	280.8	16.41	6.368	19.11	19.51	85	90.2	0	15.02	26.59	8.19	0	12.45
1/8/2010 10:00	4079	3.772	265	16.02	6.368	3.526	264	18.56	6.368	21.19	21.34	80.8	85.9	0	76.98	26.61	8.18	0	12.28
1/8/2010 11:00	4080	1.95	265.1	17.96	8.16	2.701	263.7	33.79	8.16	26.55	26.31	67.43	72.95	0	210.2	26.64	8.19	0.002	12.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/8/2010 12:00	4081	2.164	229	30.6	8.16	2.85	236	43.95	8.16	30.13	29.31	57.6	60.81	0	331.2	26.7	8.19	0	13
1/8/2010 13:00	4082	4.63	217.4	39.7	11.74	4.26	221.7	44.4	11.74	29.53	29.2	57.18	57.98	0	458.5	26.7	8.19	0	12.82
1/8/2010 14:00	4083	5.246	228.9	32.7	11.74	4.653	234.3	35.68	11.74	29.88	30.01	55.11	56.25	0	532.5	26.67	8.19	0	12.94
1/8/2010 15:00	4084	5.049	221.4	32.17	9.95	4.615	224.2	35.14	9.95	30.17	30.81	56.6	57.73	0	525.7	26.64	8.19	0	12.19
1/8/2010 16:00	4085	6.098	230.3	24.29	13.52	5.4	233.4	29.36	11.74	30.4	31.25	54.28	55.58	0	429.3	26.62	8.19	0	12.9
1/8/2010 17:00	4086	7.381	238	21.35	15.31	6.201	239.2	22.36	11.74	30.41	31.37	52.31	53.64	0	268.2	26.61	8.18	-0.003	12.13
1/8/2010 18:00	4087	5.89	240.7	16.34	11.74	4.952	242.6	15.22	9.95	29.65	30.31	54.24	55.93	0	81.4	26.57	8.19	0.003	12.34
1/8/2010 19:00	4088	5.201	216	9.77	8.16	2.402	215.2	13.95	6.368	26.38	25.45	64.99	72.6	0	1.294	26.53	8.18	-0.001	12.18
1/8/2010 20:00	4089	5.538	178.7	6.929	8.16	1.814	157.6	11.11	4.578	23.83	21.58	70.63	82.2	0	0	26.51	8.18	-0.002	12.19
1/8/2010 21:00	4090	6.309	180.5	7.69	8.16	1.923	174.1	11.14	4.578	21.69	19.58	74.88	85.7	0	0	26.49	8.19	0.002	12.19
1/8/2010 22:00	4091	5.752	204.1	9.06	9.95	2.676	206.3	15.28	6.368	21.97	20.55	74.03	83.4	0	0	26.48	8.19	0	12.16
1/8/2010 23:00	4092	5.907	204.6	9.61	11.74	2.903	206.4	14.73	8.16	20.58	19.37	79.42	87	0	0	26.47	8.19	0	12.22
1/9/2010 0:00	4093	7.722	213.8	9.67	11.74	5.112	219.5	13.35	9.95	19.81	19.61	77.85	83.7	0	0	26.47	8.19	0	12.2
1/9/2010 1:00	4094	6.412	226.5	6.049	11.74	3.869	234.7	8.14	6.368	17.32	17.01	81.1	86.8	0	0	26.45	8.19	0	12.27
1/9/2010 2:00	4095	6.192	223.7	7.699	9.95	3.423	232.6	10.82	6.368	16.41	16	81.8	88	0	0	26.43	8.19	0.001	12.3
1/9/2010 3:00	4096	4.781	242.3	8.72	6.368	1.844	250.1	6.563	4.578	16.51	15.03	79.7	88	0	0	26.42	8.18	-0.002	12.43
1/9/2010 4:00	4097	5.391	233.6	7.406	8.16	2.226	237.9	8.44	4.578	16.74	15.24	78.29	86.5	0	0	26.4	8.19	0.003	12.19
1/9/2010 5:00	4098	4.158	249.6	10.14	6.368	1.581	254.6	10.86	4.578	16.41	14.96	78.18	86.6	0	0	26.37	8.18	-0.003	12.13
1/9/2010 6:00	4099	4.002	251.3	7.39	6.368	0.775	273.4	7.054	4.578	17.34	15.03	74.38	85.4	0	0	26.35	8.18	0	12.25
1/9/2010 7:00	4100	4.097	259.3	8.7	6.368	1.409	282.4	11.74	4.578	17.85	15.06	73.6	84.6	0	0	26.36	8.19	0.003	12.19
1/9/2010 8:00	4101	4.432	261.1	7.638	6.368	0.913	281.4	7.184	2.789	18.03	14.57	75.21	86.3	0	1.319	26.35	8.18	-0.003	12.34
1/9/2010 9:00	4102	4.398	271.6	12.33	8.16	2.458	277.6	11.45	6.368	20.37	19.44	74.45	82.4	0	70.45	26.36	8.19	0.001	12.28
1/9/2010 10:00	4103	5.484	242.7	10.51	9.95	4.937	243.1	10.64	8.16	25.18	25.77	72.88	75.46	0	257.7	26.42	8.19	0	12.57
1/9/2010 11:00	4104	5.198	217.7	17.15	8.16	4.582	220.2	19.03	8.16	31.16	31.98	68.42	69.65	0	420.7	26.5	8.18	-0.001	13.11
1/9/2010 12:00	4105	4.367	202.8	21.49	8.16	3.682	205.6	26.01	8.16	36.88	37.65	60.6	60.36	0	541.3	26.55	8.18	-0.005	13.01
1/9/2010 13:00	4106	3.047	201.7	26.33	8.16	2.765	207.5	33.91	8.16	43.59	44.07	50.8	49.9	0	608.8	26.58	8.17	-0.005	12.98
1/9/2010 14:00	4107	5.322	211.9	19.76	9.95	4.49	215.9	23.92	8.16	46.21	46.9	46.34	45.12	0	611.2	26.58	8.18	0.002	13.51
1/9/2010 15:00	4108	6.247	203.5	20.32	13.52	5.119	208.6	22.59	9.95	47.27	48.09	45.37	43.94	0	551.9	26.57	8.18	0	13.47
1/9/2010 16:00	4109	6.671	192.2	16.31	11.74	5.288	196.2	20.4	9.95	48.14	49.23	43.64	41.95	0	437.4	26.56	8.19	0.009	12.17
1/9/2010 17:00	4110	5.46	193.5	19.72	11.74	4.557	198	22.84	9.95	48.55	49.5	41.32	39.75	0	275.7	26.56	8.25	0.068	12.7
1/9/2010 18:00	4111	4.843	137.4	25.18	8.16	3.122	135.8	29.1	6.368	46.6	47.22	43.72	43.24	0	85.8	26.55	8.28	0.029	12.78
1/9/2010 19:00	4112	7.232	108.1	5.613	9.95	3.68	92.1	7.362	6.368	42.35	37.49	48.6	58.28	0	0.93	26.52	8.28	-0.001	12.53
1/9/2010 20:00	4113	6.951	112	7.151	9.95	3.319	84.1	11.58	4.578	40.57	34.93	50.47	63.54	0	0	26.48	8.28	0.003	12.27
1/9/2010 21:00	4114	9.39	128.3	7.078	11.74	4.114	117.5	15.36	6.368	37.51	33.42	55.71	66.96	0	0	26.48	8.28	-0.003	12.15
1/9/2010 22:00	4115	7.177	109.7	11.17	13.52	3.598	90.5	14	9.95	34.22	31.58	60.39	69.47	0	0	26.48	8.28	0.001	12.47
1/9/2010 23:00	4116	9.74	72.33	10.3	18.89	6.39	65.55	13.75	15.31	30.68	29.83	67.22	72.75	0	0	26.49	8.28	0.001	12.19
1/10/2010 0:00	4117	8.77	66.16	7.178	13.52	5.777	60.94	9.85	9.95	27.2	26.74	72.97	78.11	0	0	26.5	8.28	0	12.47
1/10/2010 1:00	4118	8.51	63.21	8.86	15.31	5.659	60.09	10.31	11.74	25.54	25.2	75.07	80.1	0	0	26.49	8.28	0	12.31
1/10/2010 2:00	4119	8.69	54.58	8.25	13.52	5.79	55.84	10.64	9.95	22.99	22.88	79.83	84.7	0	0	26.48	8.28	-0.002	12.14
1/10/2010 3:00	4120	8.39	55.05	7.34	11.74	5.718	56.22	10.42	9.95	21.34	21.36	82.3	87.1	0	0	26.47	8.28	0.002	12.4
1/10/2010 4:00	4121	8.56	55.76	7.991	11.74	5.569	54.61	11.23	9.95	20.99	21	81.2	86.3	0	0	26.47	8.28	0	12.25
1/10/2010 5:00	4122	9.31	49.14	7.998	13.52	5.546	48.57	11.09	9.95	20.45	20.42	80.2	85.3	0	0	26.46	8.28	0	12.45
1/10/2010 6:00	4123	8.57	44.58	9.11	13.52	4.885	45.41	10.83	9.95	19.25	19.21	80.5	85.5	0	0	26.46	8.28	0	12.21
1/10/2010 7:00	4124	9.02	35.21	8.63	13.52	4.563	36.88	10.14	9.95	18.95	19	78.83	83.5	0	0	26.47	8.28	0	12.13
1/10/2010 8:00	4125	8.28	43.87	12.11	13.52	4.425	46.26	18.06	8.16	18.61	18.57	78.09	82.8	0	1.37	26.48	8.28	0	12.19

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/10/2010 9:00	4126	7.484	49.41	11.37	11.74	4.475	49.48	14.08	9.95	20.12	20.63	75.5	79.86	0	68.59	26.5	8.28	0	12.18
1/10/2010 10:00	4127	6.836	76.82	19.29	9.95	5.207	73.75	22.46	8.16	25.31	26.83	69.42	71.43	0	252.9	26.54	8.28	0	12.73
1/10/2010 11:00	4128	5.683	130.8	19.18	11.74	4.421	131.1	26.41	8.16	31.65	33.19	58.36	57.64	0	416	26.6	8.28	-0.001	12.44
1/10/2010 12:00	4129	6.449	146.3	20.95	13.52	4.893	148.6	28.61	9.95	36.07	37.61	53.76	51.96	0	536.9	26.64	8.28	0.001	12.91
1/10/2010 13:00	4130	6.819	157.9	20.18	13.52	5.134	162.8	24.29	11.74	41.05	42.5	47.36	45.15	0	603.1	26.65	8.28	-0.002	12.93
1/10/2010 14:00	4131	7.413	169.2	21.42	13.52	5.52	174.1	25.8	11.74	44.43	45.89	42.59	40.14	0	610.3	26.64	8.28	0	12.96
1/10/2010 15:00	4132	8.17	172.4	20.18	13.52	6.105	175.1	23.78	11.74	46.85	48.38	39.53	37.03	0	545.8	26.62	8.28	0.003	12.95
1/10/2010 16:00	4133	9.57	170.9	14.79	15.31	6.924	174.4	19.52	13.52	48.18	49.69	36.87	34.5	0	431.2	26.61	8.3	0.016	13.07
1/10/2010 17:00	4134	10.67	171.1	10.63	15.31	7.36	174	15.23	13.52	47.8	48.85	36.03	34.35	0	238.3	26.59	8.36	0.064	13.38
1/10/2010 18:00	4135	7.7	163.5	7.74	13.52	4.235	165.5	12.56	9.95	44.52	43.94	40.14	40.99	0	49.69	26.55	8.38	0.014	14.08
1/10/2010 19:00	4136	6.143	133.9	5.75	9.95	2.622	105.2	10.76	4.578	38.75	36.03	47.3	52.26	0	0.564	26.5	8.38	-0.001	12.21
1/10/2010 20:00	4137	6.962	132.1	8.8	9.95	3.062	108.9	17.31	4.578	35.18	32.21	52.86	60.49	0	0	26.47	8.38	0.002	12.35
1/10/2010 21:00	4138	7.224	133.7	7.896	11.74	3.287	119.8	16.19	8.16	33.99	31.67	54.74	61.63	0	0	26.46	8.38	-0.002	12.23
1/10/2010 22:00	4139	6.467	140.6	6.465	9.95	2.911	134.3	12.36	6.368	31.64	30.31	58.95	64.32	0	0	26.46	8.38	0.001	12.15
1/10/2010 23:00	4140	5.897	159.9	12.61	8.16	1.441	151.7	18.53	4.578	29.95	27.76	61.18	69.04	0	0	26.46	8.38	0	14.12
1/11/2010 0:00	4141	4.247	205.1	16.99	8.16	0.776	218.5	11.65	4.578	28.71	26.71	62.85	70.8	0	0	26.46	8.38	0	12.59
1/11/2010 1:00	4142	2.752	212.4	12.13	6.368	0.339	242.4	10.74	2.789	28.59	26.94	61.88	69.21	0	0	26.45	8.38	0	12.38
1/11/2010 2:00	4143	3.732	195.1	10.37	6.368	0.622	201.8	7.936	4.578	28.76	27.03	60.24	68	0	0	26.44	8.38	0	12.25
1/11/2010 3:00	4144	2.642	225.2	25.87	6.368	0.676	299.7	15.87	2.789	28.48	26.76	60.48	68.09	0	0	26.44	8.38	0	12.24
1/11/2010 4:00	4145	2.771	272.5	14.83	6.368	1.29	304	14.57	4.578	28.47	26.3	60.16	68.91	0	0	26.43	8.38	0	12.18
1/11/2010 5:00	4146	5.811	299.8	17.57	8.16	3.182	320.2	15.49	6.368	28.59	25.22	60.24	71.8	0	0	26.43	8.38	0.001	12.29
1/11/2010 6:00	4147	5.281	313.5	7.644	8.16	1.511	324.5	20.79	4.578	28.13	24.6	60.86	73.5	0	0	26.43	8.38	0	12.3
1/11/2010 7:00	4148	2.763	336	17.55	4.578	0.264	68.08	9.95	2.789	26.45	22.61	64.56	78.95	0	0	26.43	8.38	0.001	12.26
1/11/2010 8:00	4149	4.961	11.48	15.57	9.95	2.851	26.79	15.11	8.16	25.71	24.05	66.23	74.65	0	0.675	26.44	8.38	0	12.27
1/11/2010 9:00	4150	5.571	16.71	10.99	9.95	3.337	18.57	15.02	8.16	26.24	25.96	67.27	72.63	0	60.5	26.46	8.38	-0.001	12.26
1/11/2010 10:00	4151	3.887	16.44	12.97	8.16	2.788	17.11	14.17	6.368	32.84	33.73	58.94	61.69	0	259.2	26.5	8.38	-0.001	12.43
1/11/2010 11:00	4152	0.76	345.2	20.16	4.578	0.635	343.8	22.6	4.578	41.53	41.76	46.53	48.05	0	345.2	26.58	8.38	-0.001	12.5
1/11/2010 12:00	4153	5.344	23.38	20.85	9.95	3.702	20.76	21.5	8.16	44.18	45.34	43.72	43.84	0	430.7	26.61	8.38	0.001	12.71
1/11/2010 13:00	4154	5.366	33.51	20.16	9.95	3.755	29.19	20.91	9.95	46.48	47.52	42.02	41.74	0	434.5	26.6	8.38	0	12.63
1/11/2010 14:00	4155	4.153	49.24	27.53	8.16	2.961	47.56	30.52	8.16	50.38	51.48	36.68	35.87	0	535.9	26.59	8.38	0	12.71
1/11/2010 15:00	4156	4.912	45.29	24.5	9.95	3.304	41.63	24.44	8.16	52.29	53.49	34.61	33.42	0	461.2	26.61	8.43	0.048	12.74
1/11/2010 16:00	4157	3.353	59.66	26.84	8.16	2.271	56.99	25.18	6.368	53.3	54.02	34.87	33.9	0	278	26.61	8.47	0.042	12.72
1/11/2010 17:00	4158	4.429	104.3	30.17	8.16	2.92	107.5	24.42	6.368	52.28	52.58	36.81	36.31	0	133.1	26.59	8.49	0.021	12.59
1/11/2010 18:00	4159	4.803	157	13.14	8.16	2.609	156.4	15.22	4.578	51.01	50.92	38.63	38.75	0	87.8	26.57	8.51	0.016	12.4
1/11/2010 19:00	4160	5.435	126	16.37	8.16	2.445	88.8	11.66	4.578	46.02	43.74	43.81	47.96	0	1.515	26.55	8.51	0.006	12.58
1/11/2010 20:00	4161	6.187	114.3	9.61	8.16	3.1	82.3	10.11	4.578	44.1	39.83	44.83	53.46	0	0	26.54	8.51	0.001	12.34
1/11/2010 21:00	4162	3.785	159	17.11	9.95	1.22	109.1	14.8	6.368	40.71	37.99	49.84	55.58	0	0	26.54	8.52	0.005	12.24
1/11/2010 22:00	4163	4.174	203.3	16.5	8.16	1.338	176.9	23.81	4.578	36.89	34.17	55.84	62.23	0	0	26.54	8.52	0	12.58
1/11/2010 23:00	4164	4.938	259.4	8.31	6.368	1.861	292.6	13.89	4.578	35.48	32.2	57.66	66.28	0	0	26.53	8.52	0.001	12.51
1/12/2010 0:00	4165	5.031	272.3	7.661	6.368	1.337	301.3	8.53	2.789	35.72	31.39	56.73	67.49	0	0	26.53	8.52	0.002	12.82
1/12/2010 1:00	4166	3.945	259.9	11.62	6.368	0.375	300.1	10.16	4.578	34.26	29.86	58.05	70.25	0	0	26.52	8.52	0	12.39
1/12/2010 2:00	4167	4.664	292.7	6.33	6.368	0.979	316.8	5.279	4.578	33.31	29.37	60.27	70.4	0	0	26.51	8.52	0	12.61
1/12/2010 3:00	4168	3.769	353.3	21.66	9.95	1.276	4.801	12.85	8.16	30.71	28.27	69.11	77.18	0	0	26.5	8.52	-0.003	12.21
1/12/2010 4:00	4169	2.472	323	34.66	4.578	0.71	282	25.56	4.578	28.41	23.84	74.83	86.7	0	0	26.49	8.52	0.001	12.19
1/12/2010 5:00	4170	1.311	0.119	29.13	6.368	0.826	158.7	25.29	4.578	26.45	22.39	77.67	89.8	0	0	26.48	8.52	0.002	12.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/12/2010 6:00	4171	4.766	354.4	32.11	13.52	2.707	340.7	39.45	9.95	29.55	27.21	69.28	78.36	0	0	26.48	8.52	0	12.25	
1/12/2010 7:00	4172	3.241	359.9	23.9	8.16	1.812	335.6	32.77	6.368	29.21	28.33	67.77	72.98	0	0	26.49	8.52	0.001	12.22	
1/12/2010 8:00	4173	3.395	348.8	20.22	8.16	1.552	322.7	23.11	4.578	28.04	26.17	69.26	76.61	0	1.34	26.5	8.52	0	12.16	
1/12/2010 9:00	4174	7.85	21.35	13.07	13.52	4.744	22.36	15.71	11.74	31.32	30.94	63.72	68.29	0	68.13	26.51	8.52	0	12.23	
1/12/2010 10:00	4175	9.68	45.18	9.06	15.31	5.567	42.44	9.86	11.74	36.57	37.32	58.26	60.25	0	250.5	26.57	8.52	0	12.5	
1/12/2010 11:00	4176	6.401	73.53	16.94	11.74	4.751	68.91	20.91	9.95	44.18	45.54	50	49.78	0	413.5	26.65	8.52	0.002	12.55	
1/12/2010 12:00	4177	7.474	133.9	24.71	13.52	5.634	135.5	31.8	9.95	50.45	52.04	40.87	38.73	0	537	26.7	8.53	0.001	12.42	
1/12/2010 13:00	4178	5.419	146.5	32.33	11.74	4.192	151.6	38.61	9.95	53.25	54.4	36.39	33.93	0	605.8	26.71	8.53	0.004	12.75	
1/12/2010 14:00	4179	5.911	191.2	28.47	13.52	4.7	196.2	29.77	9.95	55.07	55.85	33.77	31.16	0	613	26.69	8.54	0.009	13.55	
1/12/2010 15:00	4180	6.715	214.4	26.54	13.52	5.389	218.6	28.2	11.74	55.89	56.64	32.12	29.62	0	555.7	26.67	8.55	0.006	12.71	
1/12/2010 16:00	4181	7.47	209.8	21.74	13.52	5.842	213.8	23.29	9.95	55.66	56.56	31.45	28.92	0	442.2	26.65	8.57	0.025	12.76	
1/12/2010 17:00	4182	8.08	191.6	14.54	15.31	5.962	196.4	18.4	11.74	55.28	56.34	29.93	27.4	0	281.9	26.63	8.48	-0.095	12.56	
1/12/2010 18:00	4183	7.699	185.8	8.72	11.74	4.703	188.8	12.65	9.95	52.85	53.12	32.18	30.86	0	93.4	26.61	8.45	-0.029	12.67	
1/12/2010 19:00	4184	6.402	182.3	11.51	8.16	2.366	159.2	23.39	4.578	47.22	43.82	36.75	40.17	0	1.837	26.56	8.44	-0.004	12.6	
1/12/2010 20:00	4185	7.489	160.4	6.336	9.95	2.52	138.7	10.38	4.578	42.26	37.92	42.62	49.12	0	0	26.51	8.44	-0.004	12.22	
1/12/2010 21:00	4186	7.912	149.2	5.395	9.95	3.009	131.9	10.56	4.578	37.22	33.72	49.41	56.42	0	0	26.48	8.44	-0.002	12.41	
1/12/2010 22:00	4187	4.994	157.7	17.83	8.16	1.409	107.8	17.43	4.578	34.92	32.26	55.23	60.91	0	0	26.46	8.44	0.001	12.24	
1/12/2010 23:00	4188	4.452	191.6	9.84	6.368	0.635	205.6	9.74	2.789	34.06	31.36	62.3	67.51	0	0	26.45	8.44	-0.002	12.6	
1/13/2010 0:00	4189	3.855	171.2	10.31	6.368	0.366	159.7	7.894	2.789	32.29	30.41	82.1	85.9	0	0	26.43	8.44	0	13.14	
1/13/2010 1:00	4190	4.136	195.7	9.38	6.368	0.352	131.9	4.872	2.789	32.03	29.35	93.1	96.5	0	0	26.41	8.44	0	12.21	
1/13/2010 2:00	4191	4.654	200.4	9.15	8.16	0.802	191.1	19.57	4.578	31.61	28.95	98.3	99.2	0	0	26.38	8.44	0	14.31	
1/13/2010 3:00	4192	5.342	218.1	11.08	8.16	3.467	225.7	13.14	6.368	32.31	32.31	99.9	99.3	0	0	26.38	8.44	0.003	12.23	
1/13/2010 4:00	4193	4.584	231.1	14.05	8.16	3.123	236.8	15.07	6.368	32.3	32.5	99.9	99.3	0	0	26.38	8.44	-0.002	12.2	
1/13/2010 5:00	4194	6.215	209.5	12.07	9.95	4.418	213.1	14.38	8.16	34.83	31.89	95.4	99.3	0	0	26.37	8.44	-0.001	12.19	
1/13/2010 6:00	4195	6.514	200.2	10.37	11.74	4.64	204.5	12.6	9.95	33.16	31.22	94.1	99.3	0	0	26.35	8.44	0	12.21	
1/13/2010 7:00	4196	7.225	198.8	8.09	11.74	5.151	202.2	11.57	9.95	32.02	30.9	87.3	99.3	0	0	26.34	8.44	0.001	12.24	
1/13/2010 8:00	4197	7.326	203.8	13.74	11.74	5.29	209.2	15.97	9.95	30.54	29.83	96.5	99.3	0	0.629	26.34	8.44	0	13.72	
1/13/2010 9:00	4198	6.522	212.7	15.36	11.74	4.949	216.3	16.19	9.95	29.56	29.16	99.6	99.3	0	39.33	26.34	8.44	0.001	12.19	
1/13/2010 10:00	4199	7.316	205.1	10.12	11.74	5.623	209.6	13.02	9.95	32.22	30.84	99.9	99.3	0	147	26.34	8.44	-0.001	12.22	
1/13/2010 11:00	4200	8.11	208.8	12.34	13.52	6.405	212.5	16.13	11.74	40.87	34.76	99.9	99.3	0	423.3	26.37	8.44	-0.002	12.25	
1/13/2010 12:00	4201	8.19	213.6	11.96	15.31	6.503	218	16.19	11.74	44.26	41.05	95.8	92.2	0	541.5	26.41	8.43	-0.009	12.37	
1/13/2010 13:00	4202	12.48	221.2	12.06	20.68	9.53	224.7	14.65	17.1	52.24	51	54.7	52.45	0	616.7	26.42	8.41	-0.018	12.57	
1/13/2010 14:00	4203	12.29	220	13.32	20.68	9.46	224	15.27	17.1	57.03	55.19	39.32	37.34	0	624.7	26.4	8.37	-0.036	12.41	
1/13/2010 15:00	4204	12.14	211.3	13.46	18.89	9.13	215	16.15	15.31	60.11	58.58	34	31.63	0	574.6	26.38	8.03	-0.344	12.5	
1/13/2010 16:00	4205	12.54	204.3	10.47	18.89	9.04	207.3	13.15	17.1	59.28	60.31	27.73	25.41	0	352.3	26.36	7.845	-0.184	12.49	
1/13/2010 17:00	4206	11.58	200.1	11.25	20.68	8.29	203.5	13.84	15.31	61.02	61.91	24.17	21.7	0	282.4	26.34	7.978	0.133	12.49	
1/13/2010 18:00	4207	8.7	191.1	8.41	13.52	5.255	192.3	13.86	11.74	58.39	57.81	25.56	24.62	0	81.8	26.32	7.853	-0.125	12.56	
1/13/2010 19:00	4208	8.66	176.3	5.625	11.74	3.405	167.4	8.19	6.368	50.97	46.53	31.5	35.9	0	1.48	26.27	7.855	0.002	12.26	
1/13/2010 20:00	4209	7.47	174.1	11.26	13.52	3.083	173.6	17.57	8.16	45.91	43.47	38.05	41.1	0	0	26.22	7.853	-0.001	12.36	
1/13/2010 21:00	4210	5.252	201.1	21.99	9.95	2.533	207.8	25.62	6.368	42.9	41.23	53.87	56.57	0	0	26.2	7.855	0.002	12.2	
1/13/2010 22:00	4211	6.499	201.4	12.71	11.74	3.423	204.9	11.66	8.16	41.18	39.73	77.57	80.8	0	0	26.2	7.856	0.001	12.26	
1/13/2010 23:00	4212	9.31	198.3	8.3	13.52	6.028	204	11.62	9.95	40.71	40.27	92.5	96.5	0	0	26.19	7.856	0	12.18	
1/14/2010 0:00	4213	7.163	199.6	7.884	13.52	4.454	204.7	10.97	9.95	39.67	39.11	98	99.3	0	0	26.18	7.856	0	12.16	
1/14/2010 1:00	4214	6.718	191.8	9.91	11.74	4.488	196.2	12.54	9.95	40.21	40.14	99.9	99.3	0	0	26.16	7.856	0	12.31	
1/14/2010 2:00	4215	7.384	194.6	9.68	11.74	5.196	198.5	12.86	9.95	41	41.1	99.9	99.3	0	0	26.15	7.855	-0.001	12.56	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/14/2010 3:00	4216	7.156	198.4	9.78	11.74	5.052	202.5	12.34	8.16	41.25	41.33	99.9	99.3	0	0	26.14	7.853	-0.001	12.19
1/14/2010 4:00	4217	5.428	221.7	21.28	9.95	4.625	226.8	21.7	9.95	41.32	41.37	99.9	99.3	0	0	26.14	7.854	0	12.16
1/14/2010 5:00	4218	3.575	244.3	18.72	8.16	3.406	247.4	20.91	6.368	41.7	41.78	99.9	99.3	0	0	26.15	7.853	0	12.38
1/14/2010 6:00	4219	3.029	219.1	18.76	8.16	2.619	222.7	20.8	6.368	41.8	41.87	99.9	99.3	0	0	26.15	7.853	0	12.27
1/14/2010 7:00	4220	2.257	219.6	52.27	6.368	1.647	231.7	55.96	6.368	41.56	41.5	99.9	99.3	0	0	26.16	7.853	0	12.18
1/14/2010 8:00	4221	4.939	69.15	41.93	11.74	3.859	69.73	52.7	9.95	41.45	41.5	99.9	99.3	0	0.31	26.15	7.853	0	12.28
1/14/2010 9:00	4222	3.196	256	17.63	8.16	3.129	257.1	18.32	8.16	41.61	41.78	99.9	99.3	0	31.59	26.18	7.853	0	12.13
1/14/2010 10:00	4223	3.516	197.4	41.38	8.16	3.243	201.7	42.45	8.16	42.47	42.85	99.9	99.3	0	124.9	26.21	7.853	0	12.7
1/14/2010 11:00	4224	3.23	213	22.76	8.16	3.224	218.6	27.02	8.16	44.86	45.73	99.9	99.3	0	314.8	26.23	7.853	-0.001	12.39
1/14/2010 12:00	4225	2.962	353.8	38.73	9.95	2.503	348.1	35.43	9.95	51.19	53.17	91.9	83.7	0	525.5	26.29	7.856	0.004	12.68
1/14/2010 13:00	4226	7.598	35.9	21.55	17.1	5.272	32.36	23.74	11.74	55.86	57.25	58.14	57.28	0	592.8	26.32	7.854	-0.002	13.02
1/14/2010 14:00	4227	7.23	47.79	20.33	13.52	5.105	44.86	21.85	11.74	57.86	59.27	50.26	49.25	0	598.3	26.32	7.854	0	13.64
1/14/2010 15:00	4228	6.421	53.01	24.76	11.74	4.64	49.24	28.63	9.95	59.13	60.42	51.38	49.82	0	442.9	26.31	7.854	0	12.54
1/14/2010 16:00	4229	9.47	48.1	17.51	18.89	6.11	46.28	19.73	13.52	59.04	60.07	46.94	45.5	0	339.9	26.3	7.854	0	12.68
1/14/2010 17:00	4230	9.33	48.02	12.84	13.52	5.818	44.64	14.05	11.74	57.3	57.92	50.24	49.94	0	169.7	26.3	7.852	-0.002	12.71
1/14/2010 18:00	4231	8.86	30.47	9.68	13.52	5.269	31.42	10.42	11.74	55.8	55.99	49.38	49.6	0	60.49	26.29	7.851	-0.002	12.64
1/14/2010 19:00	4232	8.4	33.36	9.33	13.52	4.717	32.22	9.88	9.95	52.52	52.4	48.27	48.83	0	1.134	26.29	7.842	-0.009	12.41
1/14/2010 20:00	4233	10.12	34.13	10.65	18.89	5.903	33.28	10.54	15.31	48.26	48.15	51.02	51.83	0	0	26.29	7.837	-0.005	12.33
1/14/2010 21:00	4234	16.28	23.14	8.74	24.26	12.09	22.37	9.37	20.68	46.38	46.48	50.44	50.79	0	0	26.29	7.828	-0.009	12.31
1/14/2010 22:00	4235	14.48	21.32	10.66	24.26	10.35	22.52	10.96	20.68	44.02	44.14	54.72	55.33	0	0	26.29	7.822	-0.006	12.45
1/14/2010 23:00	4236	12.62	38.36	10.11	18.89	7.326	37.73	10.97	15.31	41.27	41.35	64.02	65.7	0	0	26.3	7.815	-0.006	12.16
1/15/2010 0:00	4237	12.51	36.33	10.5	20.68	7.262	35.34	10.75	15.31	39.9	40.05	73.01	75.41	0	0	26.3	7.814	-0.001	12.23
1/15/2010 1:00	4238	15.01	26.4	9.47	22.47	10.39	25.82	10.19	20.68	38.47	38.64	76.72	79.47	0	0	26.29	7.808	-0.005	12.19
1/15/2010 2:00	4239	16.78	24.14	8.4	24.26	12.37	22.84	9.43	22.47	37.59	37.74	80.2	83.3	0	0	26.28	7.805	-0.003	12.47
1/15/2010 3:00	4240	15.03	23.49	9.28	22.47	10.94	23.06	9.84	22.47	36.43	36.64	81.9	85	0	0	26.29	7.802	-0.003	12.14
1/15/2010 4:00	4241	12.38	25.59	9.78	18.89	8.73	24.45	10.8	17.1	36.69	36.97	80.8	83.8	0	0	26.31	7.799	-0.003	12.46
1/15/2010 5:00	4242	11.13	18.83	11.62	18.89	8.4	18.77	12.01	18.89	38.32	38.61	80.3	83.3	0	0	26.32	7.799	0	12.22
1/15/2010 6:00	4243	11.9	12.76	10.81	18.89	9	13.31	11.81	17.1	39.45	39.73	80.7	83.7	0	0	26.33	7.796	-0.003	12.24
1/15/2010 7:00	4244	14	5.26	7.37	20.68	10.13	3.863	10.29	17.1	39.97	40.25	79.5	82.5	0	0	26.35	7.792	-0.003	12.16
1/15/2010 8:00	4245	12.84	13.17	10.76	20.68	9.71	16.07	11.25	18.89	39.53	39.82	77.01	79.8	0	0.65	26.37	7.792	0	12.33
1/15/2010 9:00	4246	14.55	20.69	9.46	22.47	10.69	20.46	10.73	18.89	39.25	39.57	81	83.9	0	38.2	26.39	7.789	-0.003	12.22
1/15/2010 10:00	4247	14	17.39	10.68	20.68	10.58	16.48	11.67	18.89	41.29	41.85	83.1	85.7	0	157.3	26.41	7.787	-0.002	12.33
1/15/2010 11:00	4248	12.43	18.5	12.36	18.89	8.93	17.13	13.99	17.1	43.4	44.19	82.7	84.9	0	224.6	26.44	7.787	0	12.49
1/15/2010 12:00	4249	11.53	30.78	13.89	18.89	7.743	28.79	14.83	17.1	45.04	46	83.5	85.5	0	265.3	26.47	7.786	-0.001	12.58
1/15/2010 13:00	4250	9.67	28.48	16.54	17.1	6.72	27.59	17.38	15.31	46.97	48.05	80.8	82.6	0	402.1	26.46	7.782	-0.004	12.6
1/15/2010 14:00	4251	9.2	47.39	17.69	15.31	6.265	43.63	19.22	15.31	49.84	51.55	74.86	75.27	0	594.4	26.48	7.781	-0.001	12.52
1/15/2010 15:00	4252	9.32	53.71	20.61	15.31	6.508	50.4	22.27	15.31	51.18	53.01	72.38	72.15	0	456.4	26.49	7.777	-0.004	12.46
1/15/2010 16:00	4253	9.25	50.06	19.36	17.1	6.358	46.37	21.25	15.31	51.62	52.94	71.11	71.62	0	332.8	26.47	7.774	-0.002	12.68
1/15/2010 17:00	4254	9.17	49	14.53	15.31	5.962	46.23	15.95	11.74	51.93	53.14	70.07	70.86	0	242.3	26.46	7.771	-0.003	12.66
1/15/2010 18:00	4255	9.54	69.04	10.8	15.31	6.716	65.99	14.36	11.74	50.67	51.45	70.89	72.25	0	90.5	26.44	7.765	-0.006	13.83
1/15/2010 19:00	4256	7.732	76.66	6.545	11.74	4.648	71.23	12.39	9.95	46.75	46.12	77.15	80.9	0	2.334	26.41	7.764	-0.002	12.48
1/15/2010 20:00	4257	8.02	71.42	6.478	11.74	4.89	61.36	10.55	8.16	42.86	42.08	83.4	88.1	0	0	26.38	7.758	-0.005	12.75
1/15/2010 21:00	4258	6.702	72.57	6.349	9.95	3.662	61.14	10.02	6.368	40.05	38.62	88.2	93.8	0	0	26.36	7.757	-0.001	12.45
1/15/2010 22:00	4259	6.425	72.09	7.597	8.16	3.354	59.61	10.11	6.368	39.31	37.64	89	95.4	0	0	26.35	7.754	-0.003	12.2
1/15/2010 23:00	4260	5.215	72.81	5.723	6.368	3.175	62.08	6.611	4.578	38.33	36.24	90.8	97.3	0	0	26.35	7.751	-0.003	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/16/2010 0:00	4261	5.555	61.64	7.117	8.16	3.006	61.6	9.06	4.578	37.98	35.38	92.2	98.4	0	0	26.35	7.748	-0.003	12.39
1/16/2010 1:00	4262	3.221	67.59	10.72	6.368	1.432	63.32	14.82	4.578	37.11	33.82	94.7	99	0	0	26.33	7.748	0	12.26
1/16/2010 2:00	4263	0.577	57.93	5.211	4.578	0.897	25.89	40.3	4.578	36.66	32.72	97.2	99.3	0	0	26.32	7.746	-0.002	12.17
1/16/2010 3:00	4264	0.457	69.21	7.574	2.789	0.253	86.3	0.482	2.789	35.69	30.48	99.5	99.3	0	0	26.31	7.747	0.001	12.28
1/16/2010 4:00	4265	1.731	312.8	7.242	4.578	0.063	154.5	8.56	2.789	33.49	28.7	99.9	99.3	0	0	26.3	7.748	0	12.77
1/16/2010 5:00	4266	2.654	313.6	6.027	6.368	0.132	146	6.016	2.789	31.58	27.05	99.9	99.2	0	0	26.27	7.748	0	12.47
1/16/2010 6:00	4267	3.816	309.6	13.73	9.95	1.469	304.2	22.08	6.368	30.62	28.56	99.9	99.2	0	0	26.24	7.748	0	12.31
1/16/2010 7:00	4268	2.594	294.5	9.02	6.368	0.431	256.3	21.28	2.789	30.25	28.6	99.9	99.2	0	0	26.25	7.748	0	12.13
1/16/2010 8:00	4269	3.76	313.6	12.59	8.16	1.328	330.9	35.95	4.578	32.56	29.91	99.9	99.2	0	1.183	26.25	7.748	0	13.52
1/16/2010 9:00	4270	0.583	331.9	5.264	2.789	0.236	102.9	2.656	2.789	32.45	30.18	99.9	99.3	0	46.36	26.24	7.748	0	12.21
1/16/2010 10:00	4271	1.732	298	15.97	6.368	1.506	296.8	16.78	4.578	35	35.21	99.9	99.3	0	167.4	26.27	7.745	-0.002	12.39
1/16/2010 11:00	4272	1.401	216.7	57.63	6.368	1.207	239.6	53.45	6.368	41.81	42.19	99.9	99.3	0	354.5	26.32	7.739	-0.006	12.53
1/16/2010 12:00	4273	6.078	207.3	18.11	11.74	4.847	212.2	20.93	9.95	48.39	49.71	88.1	83.1	0	536.2	26.39	7.737	-0.003	12.68
1/16/2010 13:00	4274	4.598	201.9	47.14	9.95	3.706	206.9	49.18	9.95	54.89	55.48	62.22	61.2	0	604.6	26.41	7.734	-0.003	12.8
1/16/2010 14:00	4275	4.682	251.5	45.15	11.74	3.923	254.4	47.37	9.95	57.57	58.29	54.12	53.35	0	612.2	26.39	7.734	0	12.49
1/16/2010 15:00	4276	4.591	208.4	46.85	11.74	3.821	211.1	49.29	9.95	59.7	60.07	47.33	45.74	0	555.7	26.37	7.73	-0.004	12.77
1/16/2010 16:00	4277	6.275	196	34.08	11.74	4.892	197.9	36.71	9.95	60.18	61.11	45.42	43.1	0	441.9	26.36	7.726	-0.003	13.92
1/16/2010 17:00	4278	7.69	232.6	40.14	15.31	6.097	234.6	41.47	13.52	60.47	61.22	36.73	34.86	0	267.6	26.33	7.721	-0.005	12.74
1/16/2010 18:00	4279	8	295	9.5	13.52	6.141	298.2	12.08	11.74	59.03	59.25	28.78	27.56	0	98.1	26.32	7.716	-0.005	12.88
1/16/2010 19:00	4280	7.663	292.7	13.82	11.74	4.048	303.4	16.95	9.95	53.41	50.58	34.94	37.87	0	2.133	26.28	7.708	-0.008	12.57
1/16/2010 20:00	4281	8.79	322.2	11.29	11.74	5.308	329.2	15.62	9.95	50.75	48.28	38.62	41.94	0	0	26.25	7.704	-0.004	12.36
1/16/2010 21:00	4282	5.16	70.63	22.38	9.95	2.771	57.09	17.71	8.16	42.07	40.64	70.01	71.87	0	0	26.24	7.698	-0.006	12.22
1/16/2010 22:00	4283	4.071	90.3	14.79	8.16	1.684	66.27	7.766	6.368	40.34	38.02	79.59	85.6	0	0	26.22	7.697	-0.001	12.46
1/16/2010 23:00	4284	6.587	106.5	26.31	11.74	3.281	82.1	30.09	8.16	39.65	36.89	81.7	88.7	0	0	26.21	7.694	-0.003	12.29
1/17/2010 0:00	4285	2.573	109.4	12.43	6.368	0.626	74.08	24.78	4.578	37.38	35.22	86.7	93.6	0	0	26.21	7.691	-0.003	12.51
1/17/2010 1:00	4286	2.883	142	21.64	8.16	0.466	88.8	12.64	4.578	37.12	35.12	87.6	95.3	0	0	26.18	7.691	0	12.34
1/17/2010 2:00	4287	2.413	150.3	17.79	6.368	0.169	115.4	5.369	2.789	36.28	34.02	88.3	96.8	0	0	26.16	7.692	0.001	12.24
1/17/2010 3:00	4288	2.586	299.9	6.304	6.368	0.835	310	6.596	4.578	36.89	33.38	87.5	96	0	0	26.15	7.689	-0.003	12.18
1/17/2010 4:00	4289	3.091	335.4	29.38	6.368	1.236	48.45	47.66	4.578	37.06	31.8	82.7	95	0	0	26.14	7.69	0.001	12.24
1/17/2010 5:00	4290	2.703	317.4	20.39	6.368	0.632	93.1	32.57	2.789	35.56	29.3	82.4	95.7	0	0	26.13	7.687	-0.003	12.21
1/17/2010 6:00	4291	2.096	315.7	12.6	4.578	1.036	78.93	14.4	4.578	35.11	29.13	81.6	95	0	0	26.11	7.687	0	12.35
1/17/2010 7:00	4292	3.405	300.7	6.719	6.368	0.003	287	0.512	2.789	35.83	29.38	82.3	95.1	0	0	26.11	7.687	0	12.64
1/17/2010 8:00	4293	3.209	310.8	13.38	6.368	0.636	42.48	40.84	4.578	34.26	28.16	85.3	96.1	0	1.214	26.11	7.687	0	12.25
1/17/2010 9:00	4294	4.842	292.3	8.14	6.368	1.987	285.2	12.82	4.578	36.94	34.52	83.1	92.2	0	74.05	26.13	7.686	-0.001	12.49
1/17/2010 10:00	4295	3.923	260	22.31	6.368	3.446	260.6	22.48	6.368	42.94	43.58	79.15	81.9	0	250.7	26.2	7.683	-0.004	12.58
1/17/2010 11:00	4296	4.954	217.1	21.89	8.16	4.044	221.8	23.37	8.16	51.54	52.15	55.78	55.51	0	401.5	26.27	7.68	-0.003	12.59
1/17/2010 12:00	4297	7.394	208	12.74	11.74	5.742	212.6	15.96	9.95	56.28	57.1	44.9	43.35	0	431.3	26.3	7.675	-0.005	12.76
1/17/2010 13:00	4298	8.8	212.2	16.56	15.31	6.99	215.7	19.06	13.52	60.74	61.68	35.57	33.19	0	614.9	26.28	7.671	-0.004	12.79
1/17/2010 14:00	4299	10.63	210.7	14.16	18.89	8.07	215.4	17.24	15.31	63.15	64.43	32.23	29.28	0	625.1	26.28	7.664	-0.007	12.78
1/17/2010 15:00	4300	12	210.6	12.73	22.47	9.03	214.1	15.38	17.1	64.39	65.72	28.07	25.02	0	559.3	26.26	7.657	-0.007	12.84
1/17/2010 16:00	4301	13.42	220.2	13.96	20.68	10.07	224.5	15.85	17.1	65.68	66.73	26.02	23.12	0	460.1	26.26	7.647	-0.009	12.78
1/17/2010 17:00	4302	14.09	234.5	10.8	22.47	11.01	237.1	10.91	18.89	64.9	65.43	23.01	20.38	0	298.3	26.25	7.629	-0.018	12.63
1/17/2010 18:00	4303	10.3	234.2	8.19	18.89	7.599	236.6	8.09	15.31	60.06	59.8	27.24	25.76	0	37.58	26.23	7.615	-0.015	12.72
1/17/2010 19:00	4304	6.232	228.8	5.94	9.95	2.718	233.2	7.381	6.368	55.29	53.51	31.15	32.24	0	0.858	26.2	7.607	-0.008	12.55
1/17/2010 20:00	4305	3.458	234.2	14.56	6.368	0.386	182.5	19.02	2.789	52.57	49.25	34.22	37.83	0	0	26.18	7.599	-0.008	12.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/17/2010 21:00	4306	4.931	231.3	8.56	8.16	0.934	228.2	18.54	4.578	50.98	47.92	36.52	40.16	0	0	26.17	7.593	-0.005	12.19
1/17/2010 22:00	4307	6.7	248.9	17.38	13.52	3.327	254.8	32.38	9.95	50.3	47.33	39	43.46	0	0	26.17	7.59	-0.003	12.26
1/17/2010 23:00	4308	5.608	249.1	25.49	11.74	2.669	260.2	31.76	6.368	49.17	47.26	41.9	45.1	0	0	26.17	7.587	-0.003	12.51
1/18/2010 0:00	4309	5.279	219.8	24.66	9.95	2.547	195.4	35.02	6.368	48.71	45.13	42.18	48	0	0	26.18	7.584	-0.003	13.34
1/18/2010 1:00	4310	5.927	196.1	24.21	11.74	2.256	187.8	18.89	6.368	46.2	42.66	44.56	50.56	0	0	26.17	7.581	-0.003	12.2
1/18/2010 2:00	4311	4.548	187.9	23.06	8.16	1.543	134.2	42.26	4.578	45.2	39.8	43.71	53.2	0	0	26.15	7.583	0.002	12.27
1/18/2010 3:00	4312	4.14	164.5	20.92	8.16	1.466	101.7	17.69	4.578	43.02	38.04	46.49	55.44	0	0	26.14	7.58	-0.003	12.37
1/18/2010 4:00	4313	5.358	188.8	19.93	8.16	1.765	167.5	37.73	4.578	41.89	37	48.76	58.93	0	0	26.13	7.577	-0.003	12.24
1/18/2010 5:00	4314	2.135	155.7	54.62	4.578	2.01	79.99	24.97	4.578	42.27	38.09	48.77	59.54	0	0	26.12	7.574	-0.003	12.33
1/18/2010 6:00	4315	5.951	186.9	34.4	13.52	2.94	164.3	42.96	8.16	42.58	40.03	51.03	57.81	0	0	26.13	7.57	-0.003	12.59
1/18/2010 7:00	4316	6.084	292.8	14.5	15.31	3.211	300.1	19.57	11.74	44.83	42.38	47.08	52.11	0	0	26.15	7.57	0	12.18
1/18/2010 8:00	4317	6.999	299.1	11.33	11.74	4.001	298.5	18.94	6.368	42.69	40.81	49.22	53.19	0	0.911	26.16	7.57	0	12.65
1/18/2010 9:00	4318	5.814	298.5	15.15	9.95	3.204	292.4	22.45	6.368	42.7	41.64	49.82	53.08	0	70.22	26.18	7.57	-0.001	12.32
1/18/2010 10:00	4319	7.684	281.6	14.49	15.31	6.326	280.7	17.78	11.74	51.64	52.14	39.51	39.13	0	252.5	26.24	7.567	-0.003	12.18
1/18/2010 11:00	4320	10.91	286.5	11.31	17.1	9.05	286.2	14.39	13.52	56.43	56.96	33.55	32.3	0	362.3	26.29	7.559	-0.008	13.83
1/18/2010 12:00	4321	11.15	275.1	12	17.1	9.25	274.1	14.76	17.1	59.75	60.49	29.93	28	0	416.5	26.31	7.552	-0.007	12.88
1/18/2010 13:00	4322	11.8	264.2	13.68	18.89	9.71	263.6	15.28	17.1	61.37	62.23	28.62	26.26	0	556.5	26.3	7.544	-0.007	12.79
1/18/2010 14:00	4323	13.62	260.5	16.36	22.47	11.03	259.8	17.98	18.89	63.62	64.58	26.64	23.98	0	524.9	26.3	7.534	-0.01	12.78
1/18/2010 15:00	4324	15.7	263.5	12.39	26.05	12.39	262.9	14.02	22.47	63.54	64.16	29.05	26.87	0	333.7	26.27	7.522	-0.012	13.44
1/18/2010 16:00	4325	19.16	269.9	11.77	33.21	15.3	269.3	13.85	27.84	64.93	65.72	27.91	25.52	0	382.4	26.25	7.503	-0.019	12.76
1/18/2010 17:00	4326	16.27	269.6	11.04	26.05	12.73	269	12.87	22.47	64.12	64.56	27.39	25.29	0	219.9	26.25	7.48	-0.022	12.95
1/18/2010 18:00	4327	10.46	262.4	9.8	22.47	7.691	261.3	12.23	17.1	62.23	62.05	29.02	27.65	0	63.93	26.24	7.469	-0.011	12.96
1/18/2010 19:00	4328	4.869	251.5	11.22	8.16	1.485	248.9	15.51	4.578	56.44	53.77	33.46	35.52	0	1.55	26.23	7.464	-0.005	12.75
1/18/2010 20:00	4329	2.761	224.5	18.41	6.368	0.552	111.5	29.19	4.578	52.39	48.65	36.17	41.13	0	0	26.19	7.459	-0.005	12.73
1/18/2010 21:00	4330	4.035	241.8	16.85	8.16	1.569	258.6	40.42	4.578	50.47	47.46	37.83	42.17	0	0	26.17	7.457	-0.002	12.79
1/18/2010 22:00	4331	3.073	237.5	13.62	8.16	0.493	276.1	25.83	2.789	48.81	45.42	39.57	44.74	0	0	26.16	7.451	-0.006	12.73
1/18/2010 23:00	4332	5.504	269	11.84	9.95	2.498	273.9	16.4	6.368	51	47.86	41.25	45.31	0	0	26.16	7.451	0	12.5
1/19/2010 0:00	4333	5.798	256.4	12.19	9.95	2.678	257.7	21.73	4.578	49.68	47.36	45.16	48.8	0	0	26.16	7.447	-0.003	12.15
1/19/2010 1:00	4334	4.818	287.1	11.62	8.16	1.59	294.5	27.64	4.578	49.23	44.91	46.56	52.98	0	0	26.15	7.447	0	12.28
1/19/2010 2:00	4335	4.971	263.6	21.51	8.16	2.027	245	28.67	4.578	47.11	42.82	50.1	57.67	0	0	26.13	7.444	-0.003	12.45
1/19/2010 3:00	4336	4.891	263.6	13.72	8.16	1.372	290.5	11.97	4.578	44.01	40.35	55.24	62.73	0	0	26.11	7.446	0.002	12.61
1/19/2010 4:00	4337	2.98	190.4	36.18	6.368	1.436	100.8	21.12	4.578	42.59	38.95	57.84	65.95	0	0	26.08	7.444	-0.003	13.16
1/19/2010 5:00	4338	3.217	188	17.48	6.368	0.347	105	14.06	2.789	43.98	40.91	56.44	64.21	0	0	26.06	7.444	0	12.37
1/19/2010 6:00	4339	1.869	284.2	25.43	8.16	0.636	345.5	23.2	4.578	43.54	40.34	56.43	65.52	0	0	26.05	7.444	0	12.33
1/19/2010 7:00	4340	5.514	304.5	15.76	9.95	2.352	305.9	30.03	6.368	44.42	40.77	56.72	65.69	0	0	26.05	7.44	-0.003	12.45
1/19/2010 8:00	4341	3.203	298.8	24.4	9.95	1.597	123.7	71.82	6.368	44.06	40.26	59.83	68.32	0	0.856	26.07	7.44	0	12.21
1/19/2010 9:00	4342	2.802	183.5	25.42	6.368	1.713	140.4	15.75	6.368	43.08	39.75	62.3	71.46	0	68.2	26.08	7.437	-0.003	12.81
1/19/2010 10:00	4343	5.388	207.6	21.86	9.95	3.934	211.5	23.04	8.16	47.56	47.79	50.21	51.08	0	119.8	26.1	7.435	-0.002	12.69
1/19/2010 11:00	4344	5.016	205.6	12.64	8.16	3.969	210.8	13.74	8.16	50.5	50.85	46.23	46.03	0	181.9	26.13	7.434	-0.001	12.58
1/19/2010 12:00	4345	5.779	250	26.54	9.95	4.709	252.2	26.12	8.16	53.9	54.15	43.01	42.56	0	186.3	26.15	7.429	-0.005	12.81
1/19/2010 13:00	4346	10.75	248.8	32.09	31.42	8.67	249.2	32.24	24.26	60.84	61.23	37.22	36.04	0	368.9	26.14	7.423	-0.007	12.8
1/19/2010 14:00	4347	22.45	275.1	12.79	36.78	17.94	274.4	14.55	29.63	68.05	68.97	28.07	25.71	0	613.8	26.15	7.404	-0.018	12.68
1/19/2010 15:00	4348	19.87	262.6	14.59	36.78	15.68	262	15.74	29.63	68.52	69.1	24.87	22.46	0	421.1	26.14	7.395	-0.01	12.78
1/19/2010 16:00	4349	25.62	266.7	16.59	42.15	20.35	266.1	17.55	34.99	68.97	69.64	23.58	20.98	0	419.4	26.14	7.363	-0.032	12.84
1/19/2010 17:00	4350	24.92	272.2	10.71	38.57	19.73	271.5	12.07	33.21	66.68	67.26	24.31	21.88	0	289.1	26.16	7.347	-0.016	12.82

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/19/2010 18:00	4351	18.15	266.9	9.96	31.42	14.03	265.8	11.1	27.84	65.01	65.14	24.17	22.11	0	104.1	26.15	7.345	-0.003	12.88
1/19/2010 19:00	4352	14.04	266	10.2	22.47	10.68	265	11.27	18.89	62.1	61.48	23.46	21.9	0	3.488	26.13	7.33	-0.014	13.16
1/19/2010 20:00	4353	10.73	274.9	9.7	22.47	7.688	274.9	11.73	17.1	58.24	57.32	28.76	28.1	0	0	26.11	7.324	-0.006	12.69
1/19/2010 21:00	4354	8.27	286.8	12.55	15.31	5.464	292.3	21.8	13.52	54.62	53.01	33.79	34.52	0	0	26.09	7.319	-0.005	12.52
1/19/2010 22:00	4355	5.353	315.8	13.71	8.16	2.941	318.7	15.49	4.578	49.58	47.46	39.91	41.66	0	0	26.07	7.317	-0.002	12.62
1/19/2010 23:00	4356	7.111	313.5	6.023	9.95	3.648	317.7	10.55	6.368	48.77	45.12	43.4	47.63	0	0	26.05	7.311	-0.006	12.31
1/20/2010 0:00	4357	4.592	286	22.75	8.16	1.922	262.1	36.11	4.578	45.89	42.14	48.13	53.23	0	0	26.03	7.309	-0.002	12.61
1/20/2010 1:00	4358	5.291	316.6	10.76	8.16	1.12	337.5	11.91	2.789	45.79	40.09	48.61	57.21	0	0	26	7.304	-0.005	12.41
1/20/2010 2:00	4359	5.354	0.717	53.4	8.16	2.041	66.94	52.78	6.368	46.87	41.51	47.53	55.96	0	0	25.96	7.301	-0.003	12.56
1/20/2010 3:00	4360	4.39	141.4	25.99	8.16	1.761	87.7	23.89	4.578	42.78	38.53	53.31	62.82	0	0	25.96	7.298	-0.003	12.74
1/20/2010 4:00	4361	2.061	176.9	30.23	6.368	0.609	282.5	23.89	2.789	38.07	36.17	60.83	67.07	0	0	25.94	7.294	-0.003	12.17
1/20/2010 5:00	4362	5.865	172	34.85	13.52	2.951	174.9	37.64	8.16	41.19	38.94	54.43	61	0	0	25.91	7.294	0	12.39
1/20/2010 6:00	4363	3.848	168.5	15.22	9.95	1.465	150.9	29.41	6.368	41.1	39.98	53.66	58.05	0	0	25.91	7.294	0	12.35
1/20/2010 7:00	4364	4.358	182.8	27.91	8.16	1.494	157.9	48.57	4.578	43.04	40.21	50.91	57.56	0	0	25.91	7.291	-0.003	12.33
1/20/2010 8:00	4365	5.698	163.9	31.39	9.95	2.29	148.4	41.89	8.16	44.18	41.59	56.43	62.21	0	1.285	25.89	7.291	0	12.47
1/20/2010 9:00	4366	3.422	215.5	33.34	8.16	1.059	266.9	40.32	6.368	43.34	41.15	58.55	64.91	0	35.75	25.9	7.288	-0.003	12.29
1/20/2010 10:00	4367	5.075	217.6	22.12	13.52	3.581	221.8	21.16	11.74	47.88	48	52	53.41	0	241	25.93	7.283	-0.005	12.77
1/20/2010 11:00	4368	12.13	214.8	10.1	24.26	8.97	218.8	13.25	20.68	58.83	59.71	34.41	32.76	0	421.8	26	7.276	-0.006	12.77
1/20/2010 12:00	4369	24.47	246.7	11.43	42.15	18.69	247.9	12.7	33.21	64.17	64.84	34.1	32.22	0	512.3	26.03	7.265	-0.011	12.65
1/20/2010 13:00	4370	24.69	264.8	12.04	43.94	18.27	266.2	14.47	38.57	62.59	63.41	37.65	35.83	0	485.1	26.02	7.252	-0.013	12.78
1/20/2010 14:00	4371	29.78	259.7	10.75	49.31	22.9	259.8	12.47	40.36	60.64	61.74	43.45	41.5	0	598.5	26	7.24	-0.013	12.56
1/20/2010 15:00	4372	31.29	258.8	10.33	52.89	24.5	258.7	11.7	42.15	59.59	60.59	37.03	34.98	0	565	25.98	7.215	-0.025	12.64
1/20/2010 16:00	4373	30.89	264.8	11.02	47.52	24.42	264.3	12	43.94	59.65	60.49	32.02	29.85	0	460.7	25.97	7.181	-0.035	12.65
1/20/2010 17:00	4374	30.19	270.8	10.7	47.52	23.71	270.5	11.94	40.36	59.24	59.94	30.39	28.34	0	300.3	25.97	7.155	-0.025	12.67
1/20/2010 18:00	4375	25.03	275.4	10.28	45.73	19.8	274.4	11.73	36.78	58.34	58.63	29.56	27.87	0	109	25.98	7.144	-0.012	13.72
1/20/2010 19:00	4376	17.67	267.4	9.93	33.21	13.72	266	11.13	27.84	55.61	55.34	33.23	32.37	0	4.017	25.99	7.109	-0.035	12.59
1/20/2010 20:00	4377	12.97	257.2	9.36	20.68	9.72	256.4	10.46	17.1	52.1	51.66	38.3	38.17	0	0	25.98	7.1	-0.008	12.39
1/20/2010 21:00	4378	9.38	233.2	10.74	15.31	6.099	235.6	10.54	11.74	47.09	46.38	44.31	45.14	0	0	25.98	7.089	-0.011	13.64
1/20/2010 22:00	4379	10.92	251.3	14.63	18.89	7.685	251.7	13.84	15.31	45.78	45.07	45.66	46.79	0	0	25.97	7.083	-0.006	12.32
1/20/2010 23:00	4380	8.63	249.6	14.48	15.31	5.616	250.7	15.35	11.74	44.21	43.34	47.85	49.39	0	0	25.97	7.079	-0.003	12.6
1/21/2010 0:00	4381	4.504	272.5	19.38	9.95	3.122	284.6	55.72	8.16	39.95	38.18	52.6	56.16	0	0	25.96	7.075	-0.004	12.44
1/21/2010 1:00	4382	7.873	271.3	22.76	15.31	4.787	276.5	31.78	13.52	39.73	36.6	53.14	59.03	0	0	25.94	7.072	-0.003	12.41
1/21/2010 2:00	4383	10.43	289.5	13.93	17.1	7.377	294.6	18.6	13.52	40.23	39.01	53.48	56.48	0	0	25.94	7.069	-0.003	12.3
1/21/2010 3:00	4384	9.36	297.3	8.5	17.1	6.328	298.9	11.04	11.74	40.41	39.29	53.32	56.14	0	0	25.95	7.069	0	13.49
1/21/2010 4:00	4385	8.98	299.4	8.94	13.52	5.49	304.4	11.54	9.95	42.17	39.98	49.41	53.68	0	0	25.95	7.066	-0.003	12.18
1/21/2010 5:00	4386	6.824	295.8	14.77	9.95	3.657	285.4	26	6.368	40.59	38.34	51.76	56.26	0	0	25.94	7.066	0	12.2
1/21/2010 6:00	4387	6.695	254.7	23.72	11.74	3.657	259.4	35.5	6.368	39.28	36.04	54.28	61.08	0	0	25.94	7.066	0	12.41
1/21/2010 7:00	4388	7.63	302	14.65	11.74	4.298	309.4	16.69	8.16	38.9	36.02	55.47	61.98	0	0	25.94	7.063	-0.003	12.2
1/21/2010 8:00	4389	7.437	313.5	11.13	9.95	3.858	315.4	12.89	6.368	39.16	36.31	57.53	63.47	0	1.502	25.95	7.063	0	12.66
1/21/2010 9:00	4390	6.115	330.4	31.09	15.31	4.537	330.2	35.82	11.74	40.98	40.74	56.78	59.27	0	76.93	25.98	7.063	0	12.18
1/21/2010 10:00	4391	4.661	309	21.91	8.16	4.183	310	23.5	8.16	44.73	45.46	52.43	52.71	0	176.8	26.05	7.06	-0.002	12.47
1/21/2010 11:00	4392	5.484	299.5	30.83	9.95	4.794	300.1	33.39	9.95	47.49	47.95	51.87	51.97	0	199.8	26.08	7.06	-0.001	12.49
1/21/2010 12:00	4393	6.914	244	27.86	11.74	5.667	245.9	28.33	9.95	52.84	53.42	51.06	50.26	0	349.2	26.09	7.052	-0.008	12.72
1/21/2010 13:00	4394	12.84	215.8	13.74	26.05	9.79	219.3	16.33	18.89	60.84	62.11	47.53	45.23	0	616.3	26.1	7.05	-0.002	12.95
1/21/2010 14:00	4395	15.72	225.4	15.05	26.05	11.94	229.6	15.79	20.68	63.99	65.16	43.5	41.2	0	624.1	26.1	7.04	-0.01	12.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/21/2010 15:00	4396	16.88	219.8	13.8	27.84	12.57	224.2	15.06	22.47	65.01	66.26	41.42	38.93	0	576.1	26.1	7.036	-0.004	12.7
1/21/2010 16:00	4397	14.68	228.5	14.8	27.84	11.24	231.5	15.37	26.05	64.6	65.27	41.34	39.64	0	324.3	26.1	7.018	-0.018	12.69
1/21/2010 17:00	4398	14.39	211.3	12.01	24.26	10.31	215.5	14.83	18.89	65.09	65.64	39.56	37.98	0	220.6	26.09	7.002	-0.016	12.63
1/21/2010 18:00	4399	10.87	200.7	10.44	22.47	7.525	202.7	13.48	17.1	65.16	65.42	38.35	37.07	0	119.2	26.08	6.989	-0.013	12.66
1/21/2010 19:00	4400	6.964	186.7	11.91	13.52	3.441	176.3	19.38	8.16	60.25	57.69	42	44.61	0	3.618	26.07	6.978	-0.011	12.61
1/21/2010 20:00	4401	7.189	163	24.53	11.74	3.014	142.6	38.26	6.368	55.03	51.57	47.44	52.19	0	0	26.05	6.947	-0.031	12.54
1/21/2010 21:00	4402	8.28	128.5	8.39	11.74	3.768	107.9	15.99	6.368	52.19	48.18	50.76	57.38	0	0	26.02	6.94	-0.008	12.47
1/21/2010 22:00	4403	8.8	135.2	6.152	13.52	3.861	125.1	14.52	8.16	52.89	49.59	49.9	55.51	0	0	26	6.937	-0.003	12.41
1/21/2010 23:00	4404	8.7	133.9	5.828	11.74	3.768	124.1	12.31	8.16	51.43	48.07	51.75	57.81	0	0	26.01	6.937	0	12.42
1/22/2010 0:00	4405	8.37	133.6	7.094	13.52	3.756	129.8	14.94	8.16	50.62	48.2	53.18	57.76	0	0	25.99	6.93	-0.006	12.66
1/22/2010 1:00	4406	7.647	165.7	15.63	15.31	3.916	175.5	30.99	11.74	47.44	45.31	59	63.94	0	0	25.97	6.927	-0.003	12.46
1/22/2010 2:00	4407	4.609	209.6	33.7	9.95	2.025	226.8	50.02	6.368	46.39	44.09	66.69	72.2	0	0	25.94	6.924	-0.003	12.45
1/22/2010 3:00	4408	4.525	211.5	21.8	8.16	1.633	233	30.81	6.368	46.33	43.32	70.75	77.49	0	0	25.9	6.925	0.001	12.16
1/22/2010 4:00	4409	5.597	242.3	17.46	8.16	2.102	254.3	18.89	4.578	44.37	41.44	75.78	83.3	0	0	25.88	6.923	-0.002	12.19
1/22/2010 5:00	4410	3.954	237.7	16.36	6.368	0.835	302.3	29.32	4.578	41.97	38.32	80.1	88.3	0	0	25.86	6.923	0	12.59
1/22/2010 6:00	4411	4.689	205.7	17.25	8.16	1.245	188.9	34.88	4.578	43.18	39.52	83.3	92.6	0	0	25.85	6.923	0	12.35
1/22/2010 7:00	4412	5.651	189.4	22.32	11.74	1.586	151.7	22.59	6.368	43.02	39.12	86.3	96.3	0	0	25.84	6.92	-0.003	12.31
1/22/2010 8:00	4413	7.026	156.9	12	11.74	3.358	153.9	18.4	8.16	43.1	41.04	84.5	93.5	0	1.677	25.83	6.92	0	12.26
1/22/2010 9:00	4414	2.722	154	21.09	8.16	1.233	132.9	36	6.368	44.93	44.73	75.69	80.9	0	74.79	25.84	6.916	-0.005	12.35
1/22/2010 10:00	4415	12.69	181.5	10.2	24.26	8.66	185.9	14.29	18.89	54.92	55.69	53.24	53.24	0	258	25.9	6.913	-0.003	12.24
1/22/2010 11:00	4416	19.38	184.8	10.22	31.42	13.31	187.9	14.31	22.47	61.44	62.56	42.07	40.32	0	423	25.95	6.905	-0.008	12.64
1/22/2010 12:00	4417	22.29	198.9	10.39	42.15	15.8	202.3	13.28	34.99	65.93	67.19	36.55	34.2	0	531.1	25.95	6.891	-0.014	12.49
1/22/2010 13:00	4418	24.89	213.9	12.57	45.73	17.97	218.6	15.22	36.78	70.98	72.06	32.22	29.7	0	605.4	25.94	6.874	-0.017	12.72
1/22/2010 14:00	4419	30.98	221.8	10.34	49.31	22.21	226.7	12.49	40.36	73.82	74.74	29.8	27.26	0	609.2	25.91	6.858	-0.016	12.81
1/22/2010 15:00	4420	31.33	236.5	11.89	51.1	15.55	242.5	33.03	36.78	74.74	76.1	29.53	26.66	0	543.8	25.9	6.849	-0.01	12.89
1/22/2010 16:00	4421	30.95	284.8	15.29	45.73	23.69	287.5	16.84	38.57	65.09	66.24	48.97	47.43	0	422.8	25.93	6.792	-0.056	12.84
1/22/2010 17:00	4422	29.37	297	8.97	45.73	23.72	299.6	11.37	38.57	58.82	59.65	56.5	55.95	0	273.3	25.94	6.768	-0.024	12.81
1/22/2010 18:00	4423	23.95	300.5	9.81	42.15	19.72	303.2	11.21	33.21	52.25	52.68	70.17	71.62	0	47.92	25.94	6.76	-0.008	12.21
1/22/2010 19:00	4424	17.06	309.1	9.59	31.42	14.02	311.2	9.77	24.26	49.24	49.56	77.42	79.84	0	0.986	25.92	6.761	0.001	12.55
1/22/2010 20:00	4425	18.33	302.6	10.7	29.63	15.14	304.2	11.63	26.05	47.79	48.07	80.9	83.9	0	0	25.9	6.75	-0.012	12.44
1/22/2010 21:00	4426	21.05	294.5	8.65	36.78	17.29	296.5	11.27	31.42	46.78	46.84	82.1	86.7	0.01	0	25.9	6.74	-0.009	12.3
1/22/2010 22:00	4427	23.59	281.5	13.06	38.57	19.01	283.2	14.65	33.21	47.02	46.77	79.63	85.3	0.01	0	25.89	6.74	0	12.28
1/22/2010 23:00	4428	19.9	259.7	23.52	42.15	13.78	262.5	31.89	38.57	45.44	45.04	83.8	91	0.09	0	25.93	6.794	0.054	12.15
1/23/2010 0:00	4429	11.31	243.5	16.4	18.89	5.429	250.6	32.9	15.31	45.09	44.82	85.6	92.9	0	0	25.91	6.797	0.003	12.32
1/23/2010 1:00	4430	12.01	226	12.76	26.05	4.586	226	39.64	11.74	44.3	44.34	91.8	97	0.01	0	25.89	6.8	0.003	12.2
1/23/2010 2:00	4431	12.52	220.8	13.68	26.05	5.162	217.7	35.41	17.1	43.67	43.85	96.4	99.3	0	0	25.88	6.804	0.003	12.21
1/23/2010 3:00	4432	14.02	205.5	9.54	20.68	7.712	200.3	16.51	15.31	43.12	43.34	99.4	99.3	0	0	25.87	6.804	0	12.48
1/23/2010 4:00	4433	12.06	218.1	9.18	20.68	4.619	211	32.25	11.74	42.79	43.09	99.5	99.3	0	0	25.87	6.804	0	12.62
1/23/2010 5:00	4434	11.19	211.8	12.98	18.89	5.119	205	28.53	13.52	42.6	42.85	99.2	99.3	0	0	25.85	6.804	0	12.39
1/23/2010 6:00	4435	10.59	204.5	15.42	17.1	5.77	199.6	22.29	13.52	41.86	42.06	99.3	99.3	0	0	25.83	6.804	0	12.55
1/23/2010 7:00	4436	7.316	219.5	12.73	13.52	2.998	216.7	29.77	9.95	41.78	42.04	99.9	99.3	0	0	25.85	6.804	0	12.29
1/23/2010 8:00	4437	4.734	214.7	15.46	8.16	1.558	203.4	18.02	6.368	41.71	41.95	99.9	99.3	0	0.348	25.85	6.804	0	12.23
1/23/2010 9:00	4438	6.478	215.7	20.04	11.74	2.465	209.3	32.15	6.368	41.7	41.97	99.9	99.3	0	10.73	25.86	6.804	0	12.59
1/23/2010 10:00	4439	7.339	207.3	11.45	11.74	4.136	200.6	18.59	9.95	42.52	42.77	99.4	99.3	0	59.76	25.86	6.804	0	12.39
1/23/2010 11:00	4440	13.15	222	18.17	27.84	5.954	219.5	34.77	22.47	45.35	46.37	89.1	93	0	319.7	25.86	6.804	0	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/23/2010 12:00	4441	23.46	266.1	11.27	38.57	17.58	269.6	12.57	33.21	48.81	49.4	67.27	70.69	0	317.6	25.91	6.806	0.002	14.36
1/23/2010 13:00	4442	27.53	284.2	23.74	45.73	21.53	288.1	23.08	38.57	48.2	48.93	68.46	70.95	0	459.8	25.89	6.786	-0.019	12.2
1/23/2010 14:00	4443	24.45	297.7	15.14	40.36	20.12	299.9	16.95	36.78	49.17	50.21	65.64	67.1	0	639.4	25.9	6.785	-0.001	12.17
1/23/2010 15:00	4444	24.58	271.7	12.16	38.57	19.27	274.2	12.79	33.21	52.05	53.09	54.86	54.72	0	516.8	25.9	6.789	0.003	12.19
1/23/2010 16:00	4445	25.09	276.2	21.52	43.94	19.37	279.7	21.8	38.57	53.45	54.46	47.4	46.74	0	474.5	25.9	6.773	-0.016	12.69
1/23/2010 17:00	4446	32.05	286.6	14.25	54.68	26.17	288.2	15.47	47.52	51.19	52.01	47.28	46.87	0	315.4	25.92	6.741	-0.032	12.52
1/23/2010 18:00	4447	24.13	282.8	9.6	43.94	19.84	283	11.19	38.57	47.17	47.53	49.52	49.8	0	82.3	25.94	6.742	0.001	12.32
1/23/2010 19:00	4448	21.07	275.2	9.69	34.99	17.04	276.6	10.89	27.84	46.78	46.66	47.94	48.63	0	3.947	25.93	6.743	0.001	12.27
1/23/2010 20:00	4449	20.76	275.6	9.27	33.21	16.87	276.9	10	27.84	44.81	44.72	52	52.97	0	0	25.94	6.743	0	13.5
1/23/2010 21:00	4450	20.96	275.1	8.75	36.78	16.94	276.1	9.97	33.21	43.37	43.26	55.74	57.03	0	0	25.95	6.74	-0.003	13.88
1/23/2010 22:00	4451	18.17	271.6	9.34	29.63	14.37	272.6	10.27	24.26	42.26	42.1	59.16	60.96	0	0	25.96	6.737	-0.003	12.52
1/23/2010 23:00	4452	16.49	264.4	9.81	26.05	12.35	267.4	11.17	22.47	41.16	41	61.74	63.87	0	0	25.96	6.738	0.001	12.33
1/24/2010 0:00	4453	12.56	262.2	9.06	24.26	9.02	266.1	11.15	17.1	39.69	39.44	64.11	66.89	0	0	25.97	6.739	0.001	12.25
1/24/2010 1:00	4454	10.29	268	12.74	18.89	7.377	269.5	14.04	15.31	38.04	37.58	66.72	70.35	0	0	25.97	6.733	-0.006	12.52
1/24/2010 2:00	4455	13.11	280.8	8.63	20.68	10.37	281.7	10.07	17.1	38.22	37.86	64.23	67.51	0	0	25.96	6.733	0	12.4
1/24/2010 3:00	4456	8.98	288	8.64	18.89	6.632	291.2	11.25	18.89	37.49	36.72	61.11	65.31	0	0	25.96	6.733	0	13.04
1/24/2010 4:00	4457	11.95	287.1	8.84	22.47	9.49	288.4	11.09	18.89	38.12	37.58	56.59	59.46	0	0	25.96	6.726	-0.006	12.37
1/24/2010 5:00	4458	15.81	291.2	8.37	26.05	12.84	293.8	10.54	20.68	38.56	38.24	54.71	56.74	0	0	25.97	6.72	-0.006	12.2
1/24/2010 6:00	4459	13.53	294.3	7.164	22.47	10.8	296.5	9.41	17.1	36.93	36.59	58.26	60.73	0	0	25.98	6.72	0	12.52
1/24/2010 7:00	4460	13.89	298.3	7.433	20.68	11.1	301.4	9.02	17.1	36.26	35.92	60.18	62.89	0	0	25.98	6.717	-0.003	14.32
1/24/2010 8:00	4461	15.87	293.6	7.909	24.26	12.87	295.7	10.13	18.89	36.45	36.18	60.04	62.54	0	1.887	26	6.714	-0.003	12.24
1/24/2010 9:00	4462	14.23	295.4	7.743	24.26	11.62	297.9	9.86	20.68	36.73	36.75	59.9	62.17	0	81.6	26.03	6.707	-0.006	12.37
1/24/2010 10:00	4463	22.25	301.1	8.44	36.78	18.46	303.7	9.88	34.99	41.02	41.41	50.75	51.51	0	273.8	26.08	6.674	-0.034	12.22
1/24/2010 11:00	4464	25.32	312.4	8.84	36.78	20.94	314.3	9.37	33.21	43.45	44.13	46.25	46.16	0	447.6	26.14	6.661	-0.013	12.43
1/24/2010 12:00	4465	23.98	312.9	9.22	34.99	20.23	314.9	9.62	33.21	45.95	46.85	41.74	41.04	0	578.7	26.17	6.66	-0.001	12.43
1/24/2010 13:00	4466	21.07	311	10.88	31.42	18.05	313	11.54	27.84	48.06	49.17	37.29	36.07	0	652.4	26.16	6.63	-0.03	12.31
1/24/2010 14:00	4467	21.27	306.5	10.03	34.99	18.08	309.2	11.06	33.21	50.09	51.25	33.7	32.1	0	659.2	26.16	6.608	-0.022	12.21
1/24/2010 15:00	4468	23.06	318.9	10.28	36.78	19.48	320.3	10.48	34.99	51.51	52.67	28.06	26.13	0	591.4	26.14	6.595	-0.013	13.43
1/24/2010 16:00	4469	23.67	308.4	11.06	38.57	19.82	310.5	11.98	33.21	52.45	53.41	26.19	24.15	0	488.5	26.13	6.579	-0.016	12.18
1/24/2010 17:00	4470	21.43	311.5	10.84	33.21	18.01	313.2	11.31	29.63	52.3	53.05	25.53	23.62	0	325.8	26.15	6.57	-0.01	12.21
1/24/2010 18:00	4471	16.62	309.3	9.62	27.84	13.79	311.4	9.93	26.05	51.16	51.46	25.74	24.27	0	130.2	26.16	6.557	-0.013	12.74
1/24/2010 19:00	4472	9.34	307.9	9.79	17.1	6.844	309.1	11.37	15.31	47.29	46.52	29.97	30.26	0	4.681	26.15	6.559	0.002	12.16
1/24/2010 20:00	4473	6.003	295.1	6.278	9.95	2.942	288.3	10.48	6.368	41.96	39.42	37.27	41.56	0	0	26.14	6.56	0.001	12.39
1/24/2010 21:00	4474	9	303.4	8.77	13.52	6.143	303.3	13.7	11.74	40.41	38.89	42.19	45.2	0	0	26.13	6.555	-0.005	12.25
1/24/2010 22:00	4475	9.76	320.9	12.03	17.1	7.136	321.8	13.26	13.52	40.04	38.87	44.91	47.53	0	0	26.13	6.552	-0.003	12.44
1/24/2010 23:00	4476	10.34	287.2	33.34	18.89	7.292	289.6	32.63	15.31	39.13	38.5	47.59	49.34	0	0	26.14	6.549	-0.003	12.44
1/25/2010 0:00	4477	7.377	279.1	12.16	11.74	4.417	281.1	17.11	8.16	36.02	34.5	52.1	56.19	0	0	26.14	6.549	0	13.83
1/25/2010 1:00	4478	7.421	303.6	5.727	13.52	3.939	304.7	9.6	6.368	33.15	31.11	57.67	63.72	0	0	26.13	6.546	-0.002	12.33
1/25/2010 2:00	4479	6.954	311.3	6.587	9.95	3.274	310.7	11.91	6.368	32.84	29.94	58.5	66.8	0	0	26.12	6.548	0.001	12.32
1/25/2010 3:00	4480	6.671	311	7.292	9.95	3.476	310.8	16.45	6.368	31.88	29.67	59.88	67.12	0	0	26.11	6.545	-0.003	12.19
1/25/2010 4:00	4481	7.76	304.9	8.3	11.74	4.475	301.2	16.41	8.16	31.42	29.67	60.67	67.21	0	0	26.11	6.545	0	12.49
1/25/2010 5:00	4482	6.975	296.6	5.034	9.95	3.158	296.3	11.91	4.578	29.81	27.22	62.72	71.37	0	0	26.1	6.541	-0.003	12.19
1/25/2010 6:00	4483	6.746	301.5	11.92	9.95	3.604	293.6	20.35	8.16	29.54	27.49	63.78	71.42	0	0	26.11	6.541	0	12.7
1/25/2010 7:00	4484	8.14	311.8	12.19	13.52	5.562	309.5	17.38	9.95	31.61	30.62	60.89	65.56	0	0	26.11	6.541	0	12.38
1/25/2010 8:00	4485	5.373	296.9	24.63	11.74	2.721	289	21.54	8.16	29.6	28.29	64.75	70.29	0	1.555	26.13	6.545	0.003	12.6

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/25/2010 9:00	4486	6.834	285.6	19.08	13.52	4.52	290.3	22.93	9.95	31.14	30.79	63.68	67.96	0	80.6	26.16	6.545	0	12.3
1/25/2010 10:00	4487	13.76	316.6	11.25	22.47	11.57	318.3	11.65	20.68	38.25	38.74	51.45	52.55	0	273.5	26.22	6.542	-0.003	12.4
1/25/2010 11:00	4488	15.85	325.7	10.48	22.47	13.2	325.8	11.2	18.89	42.33	43.06	43.63	43.6	0	379	26.27	6.524	-0.017	12.23
1/25/2010 12:00	4489	17.16	329.2	9.82	24.26	14.53	328.8	10.64	22.47	45.48	46.53	39.21	38.36	0	504.8	26.3	6.507	-0.017	12.64
1/25/2010 13:00	4490	14.73	330.8	10.76	24.26	12.67	330	11.46	22.47	47.35	48.39	35.2	34.04	0	430.6	26.3	6.507	-0.001	12.74
1/25/2010 14:00	4491	11.97	325.6	14.18	20.68	10.32	325.2	13.98	18.89	49.72	50.74	31.44	29.99	0	460.1	26.27	6.506	0	12.67
1/25/2010 15:00	4492	10.78	330.5	14.15	20.68	9.31	329.2	14.85	17.1	51.29	52.31	28.68	27.11	0	424.7	26.26	6.5	-0.006	13.63
1/25/2010 16:00	4493	9.09	327.7	13.39	15.31	7.825	327.6	14.13	13.52	51.7	52.46	27.56	26.04	0	258.9	26.26	6.497	-0.003	12.68
1/25/2010 17:00	4494	5.892	328	16.16	13.52	5.136	329.1	17.18	11.74	51.71	52.2	28.51	27.28	0	147.1	26.27	6.494	-0.003	13.85
1/25/2010 18:00	4495	1.453	213.5	34.78	4.578	0.701	236.8	36.2	4.578	51.3	51.11	29.9	30.03	0	49.35	26.26	6.485	-0.009	12.5
1/25/2010 19:00	4496	1.678	105.2	17.03	4.578	0.553	79.38	10.51	2.789	50.18	49.09	31.85	34.08	0	5.839	26.26	6.466	-0.018	14.1
1/25/2010 20:00	4497	2.855	97.7	8.34	6.368	1.881	69.87	8.47	4.578	47.02	43.7	33.77	41.42	0	0	26.25	6.464	-0.002	12.62
1/25/2010 21:00	4498	4.696	78.43	8.56	6.368	3.093	63.46	7.215	4.578	44.66	40.69	36.45	45.17	0	0	26.24	6.462	-0.002	12.19
1/25/2010 22:00	4499	6.089	117.7	11.78	8.16	2.869	89.2	12.97	4.578	43.09	37.68	37.53	48.59	0	0	26.23	6.46	-0.002	12.24
1/25/2010 23:00	4500	5.251	97	14.29	8.16	3.37	68.65	11.26	6.368	42.07	37.65	39	48.47	0	0	26.23	6.454	-0.006	12.26
1/26/2010 0:00	4501	5.797	124.2	22.7	8.16	2.677	86.6	19.23	4.578	41.58	36.57	38.86	48.87	0	0	26.23	6.45	-0.003	12.22
1/26/2010 1:00	4502	4.696	162.9	12.31	9.95	0.995	129.4	13.4	4.578	37.92	34.37	44.81	51.54	0	0	26.23	6.45	0	12.25
1/26/2010 2:00	4503	3.633	125.4	9.69	6.368	2.232	81.3	11.38	4.578	37.51	34.93	46.4	52.15	0	0	26.22	6.448	-0.003	12.32
1/26/2010 3:00	4504	4.837	113	12.06	6.368	3.036	73.86	10.51	4.578	38.77	35.16	45.15	53.22	0	0	26.24	6.448	0	12.32
1/26/2010 4:00	4505	6.29	127.4	16.55	9.95	2.996	91.8	8.36	6.368	40.17	35.49	42.67	51.64	0	0	26.24	6.448	-0.001	12.22
1/26/2010 5:00	4506	6.673	98.7	11.95	9.95	3.46	74.08	12.78	6.368	37.99	33.31	46.66	57.69	0	0	26.23	6.448	0.001	13.55
1/26/2010 6:00	4507	6.959	91.4	9.44	11.74	3.82	72.96	13.95	6.368	35.74	31.76	50.04	60.54	0	0	26.23	6.448	0	12.18
1/26/2010 7:00	4508	6.864	94.8	8.98	9.95	3.728	75.5	13.14	6.368	34.97	31.54	51.27	60.39	0	0	26.23	6.449	0.001	12.34
1/26/2010 8:00	4509	8.42	72.2	12.6	11.74	4.681	63.37	15.08	8.16	34.11	31.45	53.95	61.88	0	2.786	26.24	6.446	-0.003	12.18
1/26/2010 9:00	4510	8.57	73.73	13.56	13.52	5.192	71.19	16.54	9.95	33.79	33.49	58.35	62.35	0	81.7	26.26	6.441	-0.005	12.41
1/26/2010 10:00	4511	9.14	119.2	15.33	15.31	6.407	118.3	21.35	13.52	43.99	45.08	45.11	44.92	0	283.9	26.33	6.439	-0.002	12.57
1/26/2010 11:00	4512	12.02	147.5	15.58	20.68	8.48	149.5	19.12	17.1	50.01	51.47	38.11	36.34	0	442.2	26.4	6.434	-0.005	12.57
1/26/2010 12:00	4513	13.24	156.7	12.78	20.68	9.29	160	16.94	17.1	54.1	55.85	32.43	29.82	0	570.4	26.44	6.426	-0.007	12.75
1/26/2010 13:00	4514	11.29	155.8	15.79	18.89	8.1	158	20.74	17.1	56.63	58.36	30.96	28.07	0	598.9	26.44	6.422	-0.004	12.81
1/26/2010 14:00	4515	12.62	163.4	15.18	22.47	8.77	166.3	18.84	15.31	58.35	60.29	28.81	25.69	0	561.1	26.42	6.412	-0.01	12.84
1/26/2010 15:00	4516	11.96	161.8	14.11	20.68	8.45	164.7	18.08	15.31	58.97	60.53	28.17	25.3	0	459.3	26.39	6.4	-0.013	12.84
1/26/2010 16:00	4517	11.26	166.8	14.88	18.89	7.9	168.9	17.94	15.31	59.74	60.83	27.68	25.14	0	324.1	26.36	6.387	-0.013	12.84
1/26/2010 17:00	4518	11.51	177.7	12.89	18.89	7.947	181.5	16.42	15.31	59.88	60.7	26.77	24.45	0	238.9	26.34	6.372	-0.015	12.83
1/26/2010 18:00	4519	10.95	180.7	9.42	17.1	7.28	184.9	13.33	13.52	58.81	58.91	27.92	26.36	0	101.5	26.33	6.363	-0.009	12.86
1/26/2010 19:00	4520	6.796	166.8	11.99	11.74	3.099	160.3	22.65	8.16	53.51	51.33	33.6	35.16	0	4.098	26.31	6.357	-0.006	12.61
1/26/2010 20:00	4521	4.053	157.2	15.45	8.16	1.252	117.1	19.64	4.578	49.69	46.95	36.82	39.93	0	0	26.28	6.356	-0.001	12.49
1/26/2010 21:00	4522	6.695	158.5	7.542	8.16	1.924	150.1	11.4	4.578	47.65	43.84	43.61	48.68	0	0	26.25	6.35	-0.006	12.36
1/26/2010 22:00	4523	8.44	164.8	14.63	13.52	4.376	165.1	23.45	9.95	47.06	45.29	57.01	60.27	0	0	26.24	6.347	-0.003	12.73
1/26/2010 23:00	4524	9.86	180.7	9.24	15.31	6.052	184.8	14.1	11.74	48.14	47.34	70.91	74.56	0	0	26.25	6.344	-0.003	12.3
1/27/2010 0:00	4525	9.05	177.3	8.54	15.31	5.413	181.1	12.98	11.74	47.57	46.77	78.07	82.5	0	0	26.25	6.344	0	12.48
1/27/2010 1:00	4526	7.584	193.4	14.05	18.89	4.287	200.9	17.45	9.95	45.67	44.52	84.7	90.2	0	0	26.24	6.34	-0.003	12.62
1/27/2010 2:00	4527	4.705	192.4	18.26	9.95	1.881	161.8	45	6.368	43.45	41.5	90.4	96.3	0	0	26.23	6.341	0.001	12.57
1/27/2010 3:00	4528	4.213	202.6	14.91	8.16	0.827	229.7	18.91	4.578	41.48	39.22	95.1	99.3	0	0	26.2	6.339	-0.002	12.16
1/27/2010 4:00	4529	4.279	248.1	20.33	6.368	1.389	282	20	4.578	39.72	37.71	98.7	99.3	0	0	26.18	6.339	0	12.53
1/27/2010 5:00	4530	3.446	277.5	10.56	6.368	1.343	313.1	5.89	4.578	39.19	36.58	99.7	99.3	0	0	26.17	6.339	0	12.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/27/2010 6:00	4531	3.51	281.4	6.473	6.368	0.816	310	5.651	4.578	39.22	36.21	99.6	99.3	0	0	26.18	6.339	0	12.5
1/27/2010 7:00	4532	0.955	283.9	21.13	4.578	0.622	3.002	23.72	4.578	40.36	36.78	99.9	99.3	0	0	26.18	6.336	-0.003	12.54
1/27/2010 8:00	4533	4.38	192.8	10.34	11.74	2.818	198.7	12	9.95	41.32	40.86	99.9	99.3	0	0.973	26.21	6.339	0.003	12.55
1/27/2010 9:00	4534	7.569	190.7	10.37	13.52	5.358	194.5	14.11	9.95	43.32	42.04	72.31	99.3	0	36.16	26.24	6.338	-0.002	12.53
1/27/2010 10:00	4535	8.34	178.7	11.51	13.52	5.819	183	14.88	9.95	49.21	44.4	51.14	99.3	0	91.6	26.28	6.337	0	12.66
1/27/2010 11:00	4536	9.36	172.3	14.52	15.31	6.483	176.2	19.1	11.74	48.28	46.24	21.26	99.3	0	158.4	26.31	6.337	0	12.67
1/27/2010 12:00	4537	8.35	174	18.45	15.31	6.109	178.9	22.37	11.74	51.11	50.55	1.961	95.7	0	411.1	26.33	6.339	0.002	12.84
1/27/2010 13:00	4538	7.881	184.2	19.17	20.68	6.168	188.8	23.27	15.31	58.87	58.5	2.027	73.68	0	694.3	26.37	6.337	-0.002	12.89
1/27/2010 14:00	4539	8.36	154.7	22.43	17.1	6.167	158.7	28.9	15.31	63.07	62.91	2.188	58.89	0	561	26.37	6.336	-0.001	13.32
1/27/2010 15:00	4540	10.2	157.3	17.13	18.89	7.364	160.5	21.24	15.31	65.2	65.45	2.139	49.33	0	565.8	26.36	6.332	-0.004	13.08
1/27/2010 16:00	4541	11.11	147.8	15.89	17.1	7.672	150.4	20.13	15.31	65.85	65.4	2.071	47.31	0	334.3	26.35	6.326	-0.006	12.91
1/27/2010 17:00	4542	11.68	158.7	10.46	18.89	7.892	161	15.22	15.31	65.87	64.44	2.06	47.14	0	208.7	26.33	6.32	-0.006	12.91
1/27/2010 18:00	4543	11.02	152.4	10.2	17.1	7.322	154.6	14.85	15.31	64.55	63.26	2.115	55.51	0	117.6	26.33	6.311	-0.009	12.95
1/27/2010 19:00	4544	9.42	134.2	14.75	15.31	5.502	132.9	18.67	11.74	58.49	56.1	10.09	73.83	0	3.086	26.31	6.306	-0.005	14.13
1/27/2010 20:00	4545	12.05	120.3	7.553	18.89	7.9	120.1	13.07	15.31	55.04	53.25	25.41	88.7	0	0	26.29	6.3	-0.006	12.81
1/27/2010 21:00	4546	10.1	111.8	9.08	15.31	6.735	109.7	13.52	11.74	51.42	49.67	22.04	96.7	0	0	26.28	6.295	-0.005	12.73
1/27/2010 22:00	4547	8.97	99.5	7.529	15.31	6.353	96.9	12.31	11.74	50.16	48.5	26.05	99.3	0	0	26.27	6.293	-0.002	12.86
1/27/2010 23:00	4548	10.09	102.4	8.35	15.31	7.422	101.6	13.15	13.52	51.74	50.44	24.91	98.1	0	0	26.27	6.286	-0.006	12.56
1/28/2010 0:00	4549	9.71	91.7	8.44	15.31	6.873	90.2	13.5	11.74	52.74	51.66	17.02	97.1	0	0	26.27	6.282	-0.004	12.53
1/28/2010 1:00	4550	8.91	87.5	11.68	24.26	6.076	85.6	16.63	15.31	52.86	51.88	16.6	97.4	0	0	26.28	6.282	0	12.71
1/28/2010 2:00	4551	9.94	125.3	10.54	17.1	6.6	126.2	15.85	13.52	52.74	51.82	22.32	99.3	0.01	0	26.29	6.285	0.003	12.75
1/28/2010 3:00	4552	10.47	102.9	11.16	17.1	7.675	101.4	14.97	13.52	52.3	51.44	10.43	99.3	0.02	0	26.24	6.285	0	12.77
1/28/2010 4:00	4553	11.97	98.9	11.81	20.68	8.58	97.6	16.72	17.1	52.45	51.67	12.64	99.3	0.07	0	26.21	6.314	0.029	12.82
1/28/2010 5:00	4554	14.32	96.3	9.28	22.47	10.42	95.8	14.06	18.89	52.48	51.8	30.44	99.3	0.05	0	26.17	6.365	0.051	12.74
1/28/2010 6:00	4555	12.37	111.5	10.6	22.47	8.68	111.4	15.47	17.1	52.76	52.15	49.04	99.3	0.36	0	26.15	6.599	0.235	12.9
1/28/2010 7:00	4556	17.99	41.27	39.73	33.21	11.86	40.37	40.32	29.63	44.1	43.83	71.86	99.3	0.47	0	26.18	7.054	0.454	12.82
1/28/2010 8:00	4557	20.96	28.42	14.38	38.57	13.46	28.07	15.76	36.78	38.02	37.91	90.5	99.2	0.1	0.66	26.15	7.15	0.096	12.51
1/28/2010 9:00	4558	22.68	27.96	9.54	36.78	14.81	26.92	10.85	33.21	35.91	35.88	81.4	97.7	0	10.16	26.13	7.152	0.001	12.53
1/28/2010 10:00	4559	18.39	35.85	9.91	27.84	10.71	34.44	10.48	26.05	35.09	35.02	77.4	98.4	0.01	13.58	26.16	7.158	0.006	12.67
1/28/2010 11:00	4560	18.47	36.11	9.65	27.84	10.73	34.66	10.49	24.26	34.54	34.56	68.16	99	0.01	116.7	26.15	7.171	0.013	12.43
1/28/2010 12:00	4561	15.43	34.37	12.61	26.05	9.37	33.67	12.92	20.68	35.29	35.53	69.52	97.7	0	186.2	26.15	7.171	0	12.23
1/28/2010 13:00	4562	12.45	10.18	16.93	20.68	9.16	8.51	19.7	17.1	35.16	35.39	73.59	98.9	0	113.8	26.16	7.171	0	12.6
1/28/2010 14:00	4563	14.35	3.478	16.05	22.47	10.63	1.681	19.19	20.68	34.55	34.84	57.52	98.6	0	109.6	26.16	7.171	0	12.22
1/28/2010 15:00	4564	15.86	7.493	16.36	26.05	11.81	6.229	17.02	20.68	33.87	34.07	1.67	98.9	0.01	257.5	26.16	7.171	0	12.17
1/28/2010 16:00	4565	17.08	2.331	17.2	26.05	12.85	1.024	20.46	22.47	33.29	33.76	1.672	93.8	0	171.3	26.19	7.171	0	12.23
1/28/2010 17:00	4566	18.28	351.9	15.82	29.63	13.78	349.8	15.26	24.26	31.63	31.34	1.65	94.3	0	99.1	26.19	7.171	0	12.22
1/28/2010 18:00	4567	17.96	358.7	13.11	27.84	13.46	357.2	12.38	24.26	34.46	29.28	1.667	91.5	0	32.94	26.22	7.171	0	12.24
1/28/2010 19:00	4568	17.31	359.3	11.44	27.84	12.76	357.5	12.7	24.26	34.29	27.14	1.663	88.8	0	1.629	26.24	7.173	0.002	12.21
1/28/2010 20:00	4569	18.22	359	10.12	27.84	13.65	357.4	12.16	24.26	30.96	25.34	1.614	88.1	0	0	26.23	7.17	-0.003	12.23
1/28/2010 21:00	4570	17.75	358.6	10.99	29.63	13.26	357	13.1	24.26	28.46	23.92	1.614	86.7	0	0	26.23	7.17	0	12.22
1/28/2010 22:00	4571	17.43	356.9	10.16	27.84	13.02	354.7	12.65	22.47	26.53	22.91	14.81	85.3	0	0	26.25	7.17	0	12.13
1/28/2010 23:00	4572	16.02	356.6	10.94	26.05	12.04	354.3	13.15	22.47	25.27	22.21	79.69	84.4	0	0	26.26	7.171	0.001	12.19
1/29/2010 0:00	4573	16.23	348.7	8.76	27.84	12.37	346.4	11.23	20.68	24.06	21.53	80.8	85.1	0	0	26.24	7.172	0.001	12.34
1/29/2010 1:00	4574	13.23	357.4	10.13	24.26	9.82	355.7	12.35	18.89	23.65	21.19	81	85.1	0	0	26.25	7.175	0.004	12.25
1/29/2010 2:00	4575	12.68	358.5	10.34	20.68	9.46	357.1	13.39	17.1	23.5	21.16	80	84.1	0	0	26.26	7.182	0.006	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/29/2010 3:00	4576	13	345.8	9.47	18.89	10.16	343.2	11.96	17.1	23.58	21.27	80	84.3	0	0	26.25	7.185	0.003	12.19
1/29/2010 4:00	4577	12.37	339.8	9.75	18.89	9.95	338.2	11.31	15.31	22.79	20.77	80.1	84.2	0	0	26.26	7.188	0.003	12.27
1/29/2010 5:00	4578	11.55	335	8.9	17.1	9.54	333.9	10.15	15.31	21.7	19.88	80.3	84.6	0	0	26.24	7.188	0	12.49
1/29/2010 6:00	4579	12.31	329.7	9.68	18.89	10.2	329.9	10.51	17.1	21.64	19.85	79.33	83.7	0	0	26.24	7.185	-0.003	12.18
1/29/2010 7:00	4580	12.94	328.2	7.771	20.68	10.86	328.6	9.26	17.1	21.57	19.84	78.18	82.5	0	0	26.24	7.185	0	12.27
1/29/2010 8:00	4581	14.27	333.7	7.933	22.47	11.69	333.2	9.97	20.68	22.63	20.62	77.04	81.3	0	0.948	26.25	7.185	0	12.49
1/29/2010 9:00	4582	14.87	337.2	8.86	22.47	12.22	336.3	10.53	18.89	24.91	21.89	74.79	78.61	0	38.21	26.26	7.185	0	12.21
1/29/2010 10:00	4583	16.36	343.2	10.24	26.05	13.01	341.8	11.81	20.68	31.57	24.26	71.26	74.62	0	239.6	26.27	7.186	0.001	12.34
1/29/2010 11:00	4584	18.01	333.6	11.35	26.05	14.87	333.4	11.66	24.26	42.04	27.25	64.69	69.62	0	473.5	26.31	7.184	-0.002	12.21
1/29/2010 12:00	4585	17.86	328.6	10.2	27.84	15.07	329	10.23	24.26	40.49	28.63	67.91	68.84	0	463.8	26.34	7.187	0.003	12.5
1/29/2010 13:00	4586	15.87	330	10.5	24.26	13.27	330.1	10.98	22.47	38.29	29.27	70.47	71.5	0	315.4	26.32	7.187	0	12.17
1/29/2010 14:00	4587	15.92	340.7	18	24.26	12.78	339.6	15.87	20.68	44.17	30.9	68.49	72.91	0	493.1	26.29	7.187	0	12.24
1/29/2010 15:00	4588	18.02	350.7	17.4	27.84	13.76	348.5	14.24	24.26	45.4	33.82	69.05	72.32	0	555.4	26.28	7.184	-0.002	12.53
1/29/2010 16:00	4589	18.37	337.7	11.65	27.84	15.3	335.9	12.08	24.26	43.74	35.6	81.8	71.56	0	456.3	26.29	7.184	0	12.71
1/29/2010 17:00	4590	17.65	345.8	14.65	27.84	13.89	343.8	14.42	24.26	39.41	36.55	62.74	71.86	0	337.3	26.29	7.184	0	12.22
1/29/2010 18:00	4591	13.43	336.2	11.21	20.68	11.13	334.3	12.05	18.89	35.65	35.76	59.24	74.8	0	138.6	26.3	7.184	0	12.31
1/29/2010 19:00	4592	8.52	359.3	15.5	15.31	6.145	356.9	17.64	13.52	33.02	32.79	57.49	81.9	0	4.518	26.28	7.183	-0.001	14.32
1/29/2010 20:00	4593	7.31	15.76	11.29	11.74	5.068	15.44	13.18	9.95	30.58	30.49	59.85	86.7	0	0	26.27	7.184	0.001	12.28
1/29/2010 21:00	4594	8.51	18.31	10.3	15.31	6.198	18.04	11.54	11.74	29.47	29.41	89.8	89.1	0	0	26.27	7.186	0.002	12.44
1/29/2010 22:00	4595	7.445	17.05	10.65	13.52	5.517	16.84	11.61	11.74	28.54	28.55	91.7	90.4	0	0	26.27	7.186	0	12.19
1/29/2010 23:00	4596	6.359	349.1	27.38	11.74	4.023	347.2	20.81	9.95	27.43	27.24	93.2	93	0	0	26.27	7.186	0	12.5
1/30/2010 0:00	4597	4.437	275	28.64	6.368	1.904	293	33.63	4.578	26.24	25.28	94	95.8	0	0	26.28	7.183	-0.003	12.24
1/30/2010 1:00	4598	6.76	323.2	5.727	9.95	4.025	317.1	11.61	8.16	27.23	26.13	92.7	95.2	0	0	26.27	7.183	0	12.41
1/30/2010 2:00	4599	8.38	337.6	9.22	13.52	6.12	336.3	10.51	9.95	28.56	27.95	88.8	90.3	0	0	26.26	7.183	0	12.22
1/30/2010 3:00	4600	6.923	358.8	14.26	11.74	4.227	1.68	9.02	8.16	28.76	27.87	86.1	88.2	0	0	26.27	7.186	0.003	12.34
1/30/2010 4:00	4601	7.471	11.47	19.07	9.95	4.246	11.54	19.99	8.16	28.36	27.74	85.1	86.9	0	0	26.26	7.186	0	12.25
1/30/2010 5:00	4602	8.92	30.54	7.671	13.52	4.413	35.3	7.946	9.95	28.79	28.44	84	84.5	0	0	26.25	7.186	0	12.17
1/30/2010 6:00	4603	8.03	10.42	67.1	13.52	4.441	23	56.66	11.74	27.52	27.32	84.9	85.8	0	0	26.25	7.186	0	12.3
1/30/2010 7:00	4604	5.591	288.7	26.59	8.16	2.463	309.1	15.38	6.368	24.16	23.34	90.5	93.8	0	0	26.26	7.183	-0.003	12.27
1/30/2010 8:00	4605	3.297	322.7	25.16	8.16	1.219	323.2	31.23	4.578	24.22	23.25	90.2	94.4	0	2.467	26.25	7.184	0.002	12.35
1/30/2010 9:00	4606	1.675	4.975	15.22	4.578	0.426	19.09	13.17	4.578	29.9	29.77	69.66	86.4	0	104.5	26.28	7.186	0.002	12.53
1/30/2010 10:00	4607	1.695	304.8	31.09	4.578	0.995	299.5	19.9	4.578	38.36	39.76	68.24	69.66	0	282.9	26.35	7.185	-0.001	12.69
1/30/2010 11:00	4608	3.118	212.1	29.32	8.16	2.099	208.4	32.69	6.368	41.65	42.83	54.06	61.35	0	456.2	26.44	7.185	0	12.76
1/30/2010 12:00	4609	5.623	214.6	22.84	11.74	3.508	210.3	27.1	8.16	43.24	44.69	65.2	60.16	0	585	26.48	7.185	0	12.75
1/30/2010 13:00	4610	6.174	225.6	22.49	11.74	3.632	220.1	31.03	9.95	44.9	46.62	99.8	62.07	0	658.4	26.47	7.184	-0.001	12.9
1/30/2010 14:00	4611	4.776	247.6	39.99	9.95	3.317	252	47.53	9.95	48.56	49.93	90.7	58.55	0	670.3	26.45	7.183	-0.001	12.81
1/30/2010 15:00	4612	4.23	213.8	48.53	9.95	2.884	211.6	50.68	6.368	51.35	52.64	62.33	55.08	0	618.3	26.44	7.17	-0.013	12.9
1/30/2010 16:00	4613	3.032	104.4	68.73	8.16	2.437	92.3	67.85	8.16	53.63	54.11	63.54	51.53	0	507.2	26.44	7.173	0.003	12.93
1/30/2010 17:00	4614	2.661	341.4	59.24	6.368	2.04	329.2	51.08	6.368	54.43	55.09	79.39	49.68	0	345.1	26.43	7.17	-0.003	12.97
1/30/2010 18:00	4615	4.691	194.6	32.1	8.16	2.824	189.5	26.2	8.16	52.57	52.95	95.1	52.45	0	141.1	26.41	7.165	-0.005	12.75
1/30/2010 19:00	4616	6.308	153.3	18.24	9.95	2.838	145.3	24.53	6.368	47.46	44.85	95.6	65.58	0	4.507	26.36	7.158	-0.007	12.41
1/30/2010 20:00	4617	6.064	146.3	6.341	8.16	2.544	111.6	8.28	4.578	44.48	40.32	98	74.72	0	0	26.32	7.156	-0.002	12.42
1/30/2010 21:00	4618	7.651	115.7	24.22	13.52	4.138	95.3	14.08	8.16	41.15	38.08	97	81.1	0	0	26.3	7.158	0.002	12.26
1/30/2010 22:00	4619	8.97	105	8.07	13.52	5.763	103.4	12.5	9.95	36.56	35.98	99.9	89.5	0	0	26.29	7.155	-0.003	12.31
1/30/2010 23:00	4620	6.896	105.4	7.44	11.74	3.867	99.8	12.62	8.16	34.41	33.43	99.6	93.7	0	0	26.28	7.155	0	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/31/2010 0:00	4621	7.626	106.5	7.225	11.74	4.429	102.5	12.18	8.16	34.19	33.28	99.6	94.3	0	0	26.27	7.155	0.001	12.27
1/31/2010 1:00	4622	7.4	107.5	6.464	13.52	4.142	102.2	11.28	9.95	33.28	32.34	99.6	95.2	0	0	26.27	7.156	0	12.44
1/31/2010 2:00	4623	7.542	115.9	7.896	11.74	3.942	110.9	13.37	6.368	32.18	31.31	99.9	95.9	0	0	26.26	7.156	0.001	12.31
1/31/2010 3:00	4624	7.714	130.7	6.308	9.95	3.93	128.6	12.42	6.368	31.67	30.74	99.9	96	0	0	26.26	7.154	-0.002	12.18
1/31/2010 4:00	4625	5.466	121.1	9.22	9.95	2.373	106	15.59	6.368	30.42	29.42	97.7	96.5	0	0	26.25	7.154	0	12.34
1/31/2010 5:00	4626	6.026	105.8	6.661	8.16	3.216	88.4	10.65	4.578	30.53	29.43	99.4	96.9	0	0	26.23	7.154	0	12.18
1/31/2010 6:00	4627	5.485	116.3	12.13	8.16	2.705	102.6	16.11	6.368	30.59	29.75	99.6	96.2	0	0	26.23	7.154	0	12.22
1/31/2010 7:00	4628	3.567	127.2	15.71	6.368	0.419	115	11.29	2.789	30.7	29.67	96.4	95.4	0	0	26.23	7.154	0	12.23
1/31/2010 8:00	4629	6.464	126.9	9.24	9.95	3.092	123.2	15.76	6.368	30.17	29.08	92.7	94.1	0	2.384	26.23	7.154	0	12.49
1/31/2010 9:00	4630	8.94	138.2	9.94	15.31	5.624	140.3	15.18	11.74	32.39	32.38	97	90.1	0	82.5	26.24	7.157	0.003	12.44
1/31/2010 10:00	4631	10.48	156.8	8.94	17.1	7.003	160.9	13.27	13.52	35.29	35.94	97.9	89.1	0	192.9	26.26	7.155	-0.002	12.61
1/31/2010 11:00	4632	11.58	158	9.95	17.1	7.708	161.6	15.03	13.52	39.6	40.88	94.6	81.5	0	338.9	26.28	7.156	0.001	12.77
1/31/2010 12:00	4633	12.53	174	12.22	20.68	8.68	177.9	15.45	17.1	44.5	45.96	83.2	69.9	0	431	26.3	7.152	-0.005	12.71
1/31/2010 13:00	4634	13.62	172.2	11.79	20.68	9.37	176.4	15.54	17.1	47.21	48.84	79.81	63.36	0	507.2	26.3	7.128	-0.024	12.81
1/31/2010 14:00	4635	13.76	173.5	12.78	20.68	9.6	177.1	16.24	17.1	48.94	50.37	63.89	58.79	0	448.5	26.29	7.115	-0.013	12.83
1/31/2010 15:00	4636	14.4	169.4	12.84	26.05	9.93	172.3	16.72	20.68	51.41	53.14	39.06	53.8	0	563	26.28	7.115	0	12.96
1/31/2010 16:00	4637	14.4	169.4	12.4	22.47	9.78	173.6	15.6	17.1	51.63	52.92	32.5	54.11	0	373.4	26.27	7.115	0	14.55
1/31/2010 17:00	4638	13.7	167.1	11.24	22.47	9.12	170.6	14.39	17.1	50.42	51.23	55.5	56.54	0	193.2	26.24	7.115	0	12.66
1/31/2010 18:00	4639	10.27	164.6	9.03	17.1	6.63	168.1	13.31	13.52	49.28	49.45	58.5	59.96	0	74.5	26.22	7.094	-0.021	13.05
1/31/2010 19:00	4640	6.947	152.2	8.77	15.31	3.734	152.9	14.31	11.74	47.41	46.75	62.79	66.5	0	4.35	26.2	7.092	-0.002	12.42
1/31/2010 20:00	4641	6.303	121.5	7.132	9.95	2.983	110	11.81	6.368	43.92	42.4	69.54	76	0	0	26.19	7.086	-0.006	12.23
1/31/2010 21:00	4642	7.424	133.3	7.067	13.52	3.7	131.8	14.53	9.95	41.95	40.64	75.5	82.1	0	0	26.18	7.083	-0.002	12.36
1/31/2010 22:00	4643	8.5	152.6	10.38	15.31	4.8	155.6	13.38	9.95	41.13	40.41	75.83	81	0	0	26.17	7.082	-0.002	12.39
1/31/2010 23:00	4644	4.863	162.3	8.79	8.16	1.216	160.5	8.94	4.578	37.83	36.61	81.9	88.5	0	0	26.17	7.079	-0.003	12.51
2/1/2010 0:00	4645	3.528	160.3	15.08	8.16	0.79	145.4	13.77	4.578	36.91	36.06	84.5	90.8	0	0	26.16	7.079	0	12.41
2/1/2010 1:00	4646	1.82	125.6	68.43	4.578	0.521	27.82	12.08	4.578	36.03	34.99	87.8	93.9	0	0	26.15	7.075	-0.003	12.99
2/1/2010 2:00	4647	2.604	189.7	18.56	8.16	0.602	181.4	10.55	4.578	35.45	32.65	89.2	97.1	0	0	26.15	7.076	0	13.72
2/1/2010 3:00	4648	5.057	166.6	13.18	8.16	1.288	137.9	11.28	4.578	34.48	32.27	91.3	98.7	0	0	26.14	7.077	0.001	12.22
2/1/2010 4:00	4649	4.146	150.3	15.64	8.16	1.301	123.3	15.81	4.578	33.4	31.58	92.9	99.3	0	0	26.13	7.074	-0.002	12.3
2/1/2010 5:00	4650	4.229	179.1	29.28	6.368	0.628	127.6	18.48	2.789	32.66	30.7	93.7	99.3	0	0	26.12	7.075	0	12.26
2/1/2010 6:00	4651	4.118	229.6	14.91	6.368	0.153	212.8	2.448	2.789	31.76	30.04	94.7	99.3	0	0	26.11	7.075	0	12.15
2/1/2010 7:00	4652	3.778	7.58	40.19	8.16	2.256	19.53	37.41	6.368	30.27	29.53	96.6	99.2	0	0	26.11	7.078	0.003	12.45
2/1/2010 8:00	4653	1.546	260.6	21.35	4.578	0.263	151.8	18.86	2.789	29.39	27.24	96.6	99.2	0	2.598	26.11	7.075	-0.003	12.16
2/1/2010 9:00	4654	4.289	274.6	26.71	6.368	2.633	282.1	30.22	4.578	31.32	31.38	93.8	97.9	0	105.6	26.12	7.077	0.003	12.32
2/1/2010 10:00	4655	5.017	248.3	24.76	9.95	2.691	251.5	32.3	6.368	37.31	39	89.2	90.3	0	285.3	26.18	7.074	-0.003	13.88
2/1/2010 11:00	4656	6.374	233.8	21.52	11.74	3.567	229.3	31.8	8.16	43.54	45.5	80.7	80.3	0	454.3	26.25	7.071	-0.003	12.26
2/1/2010 12:00	4657	8.7	243.6	13.28	15.31	3.647	243.1	38.47	9.95	50.89	53.14	69.34	68.09	0	551.4	26.29	7.071	-0.001	12.7
2/1/2010 13:00	4658	10.34	260	14.68	15.31	6.198	265.7	29.25	13.52	56.07	57.95	60.23	58.71	0	654.6	26.3	7.068	-0.002	12.64
2/1/2010 14:00	4659	9.26	271.2	19.43	17.1	6.763	276.1	27.22	15.31	58.54	59.85	53.84	52.82	0	538.7	26.28	7.068	0	12.75
2/1/2010 15:00	4660	9.95	288.2	19.59	18.89	8	292.6	23.14	13.52	59.64	60.28	46.47	46.28	0	404.6	26.25	7.069	0	13.83
2/1/2010 16:00	4661	15.06	258.9	12.56	24.26	8.25	266	30.86	18.89	60.91	62.45	43.24	41.57	0	505.9	26.25	7.068	0	12.73
2/1/2010 17:00	4662	12.38	283.8	18.45	20.68	9.79	289.2	20.46	18.89	60.94	61.73	43.11	42.36	0	344.4	26.25	7.059	-0.009	12.67
2/1/2010 18:00	4663	10.24	294.8	15.25	15.31	8.24	297.9	16.4	13.52	60.28	60.37	44.87	45.23	0	148	26.24	7.05	-0.009	12.84
2/1/2010 19:00	4664	6.95	324.6	10.68	9.95	4.453	330.2	13.85	9.95	56.41	54.3	50.71	55.91	0	7.349	26.22	7.042	-0.008	12.68
2/1/2010 20:00	4665	5.685	347.5	9.89	8.16	2.405	357.9	13.77	6.368	53.5	50.09	54.04	62.41	0	0	26.2	7.037	-0.005	12.33

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/1/2010 21:00	4666	5.193	10.51	11.18	8.16	1.894	30.15	15.75	6.368	50.54	46.97	57.27	66.59	0	0	26.18	7.035	-0.002	13.27
2/1/2010 22:00	4667	7.197	18.8	8.75	11.74	4.188	21.72	13.99	9.95	51.13	48.58	54.68	61.28	0	0	26.18	7.032	-0.003	12.17
2/1/2010 23:00	4668	10.13	22.32	9.14	20.68	6.518	21.62	10.53	17.1	48.77	47.96	59.98	63.31	0	0	26.19	7.029	-0.003	12.43
2/2/2010 0:00	4669	10.66	59.94	32.29	18.89	6.042	59.44	35.22	15.31	41.85	41.77	82.8	86.2	0	0	26.21	7.022	-0.006	12.41
2/2/2010 1:00	4670	7.443	64.15	14.7	13.52	4.423	63.22	19.77	9.95	38.29	37.96	92.2	96.5	0	0	26.22	7.025	0.002	12.43
2/2/2010 2:00	4671	10.53	54.38	9.96	17.1	6.107	52.12	14.03	11.74	37.41	37.38	95.2	98.9	0	0	26.21	7.022	-0.003	12.21
2/2/2010 3:00	4672	12.89	47.25	8.21	18.89	6.917	43.63	10.39	13.52	36.44	36.52	97.4	99.3	0	0	26.2	7.018	-0.003	12.29
2/2/2010 4:00	4673	12.38	55.82	12.3	20.68	7.677	54.47	15.13	15.31	34.7	34.97	99.3	99.3	0	0	26.2	7.018	0	12.22
2/2/2010 5:00	4674	12.55	54.39	8.84	20.68	7.556	50.99	12.59	13.52	34.96	35.23	99.9	99.3	0	0	26.2	7.018	0	12.24
2/2/2010 6:00	4675	12.54	50.1	8.34	18.89	6.973	45.97	11.52	13.52	34.66	34.94	99.9	99.3	0	0	26.2	7.018	0	12.35
2/2/2010 7:00	4676	9.11	47.82	11.54	15.31	5.16	44.17	13.77	11.74	37.86	34.72	99.9	99.3	0	0	26.22	7.018	0	12.21
2/2/2010 8:00	4677	9.12	53.03	10.37	13.52	5.47	49.68	14.06	9.95	47.83	34.43	99.9	99.3	0	1.075	26.25	7.018	0	12.35
2/2/2010 9:00	4678	9.82	52.81	10.26	15.31	5.845	48.93	13.67	11.74	47.12	35.03	99.9	99.3	0	31.11	26.27	7.018	0	12.21
2/2/2010 10:00	4679	10.62	59.88	12.51	17.1	6.689	56.75	16.45	13.52	47.52	36.06	99.1	99.3	0	76.63	26.29	7.018	0	12.31
2/2/2010 11:00	4680	9.7	74.24	12.21	17.1	6.583	71.86	17.1	13.52	47.76	36.72	99.9	99.3	0	101.6	26.32	7.018	0	12.41
2/2/2010 12:00	4681	10.07	74.4	11.26	17.1	6.838	71.87	17.14	13.52	48.54	37.18	99.9	99.3	0	139.6	26.32	7.018	0	12.42
2/2/2010 13:00	4682	9.68	83	11.38	15.31	6.783	82.2	18.3	11.74	51.07	37.31	99.9	99.3	0	138.2	26.31	7.018	-0.001	12.48
2/2/2010 14:00	4683	9.23	83	10.89	13.52	6.723	80.3	16.95	11.74	58.66	37.51	99.9	99.3	0	143.5	26.29	7.018	0	12.21
2/2/2010 15:00	4684	8.74	79.12	13.09	15.31	6.485	75.9	17.89	11.74	60.56	38.55	99.9	99.3	0	162.8	26.27	7.016	-0.001	12.32
2/2/2010 16:00	4685	8.82	84.5	13.75	13.52	6.411	81.6	19.43	11.74	62.46	39.85	99.9	99.2	0	130.3	26.26	7.016	0	12.21
2/2/2010 17:00	4686	9.27	100.8	13.09	13.52	6.863	99.6	17.43	13.52	62.4	39.94	97.6	97.9	0	52.16	26.28	7.016	0	12.42
2/2/2010 18:00	4687	9.19	110.9	11.38	15.31	6.571	110.4	16.33	11.74	63.01	39.61	96.1	98	0	17.31	26.28	7.013	-0.003	12.21
2/2/2010 19:00	4688	9.9	107.3	13.43	15.31	6.904	107	19.49	11.74	61.61	38.75	97.1	99.3	0	1.498	26.27	7.011	-0.002	12.2
2/2/2010 20:00	4689	8.17	106.9	12.93	11.74	5.809	106.2	17.8	9.95	60.83	38.44	98.6	99.3	0	0	26.28	7.012	0.001	13.98
2/2/2010 21:00	4690	8.57	90	8.31	13.52	6.002	87.9	13.64	11.74	60.71	38.53	99.9	99.3	0	0	26.28	7.012	0	12.22
2/2/2010 22:00	4691	9.3	82.1	7.986	13.52	6.276	79.54	14.07	9.95	60.89	38.54	99.9	99.3	0	0	26.28	7.012	0	12.78
2/2/2010 23:00	4692	10.02	70.7	7.7	15.31	7.098	67.82	12.42	11.74	60.06	38.4	99.9	99.3	0	0	26.26	7.012	0	12.56
2/3/2010 0:00	4693	11.28	63.43	8.61	17.1	8.03	62	12.27	13.52	59.78	38.54	99.9	99.3	0	0	26.24	7.012	0	12.23
2/3/2010 1:00	4694	10.43	65.4	8.44	20.68	7.408	63.56	12.67	15.31	62.39	38.92	99.9	99.3	0	0	26.23	7.012	0	12.44
2/3/2010 2:00	4695	10.71	73.85	8.4	15.31	7.249	71.32	13.83	11.74	63.4	39.4	99.9	99.3	0	0	26.22	7.012	0	12.26
2/3/2010 3:00	4696	11.84	71.5	7.954	17.1	8.33	68.7	12.75	17.1	63.35	39.6	99.9	99.3	0.02	0	26.19	7.014	0.002	12.31
2/3/2010 4:00	4697	12.91	80.2	7.658	18.89	8.44	77.67	14.2	15.31	62.11	39.57	99.9	99.3	0.02	0	26.17	7.014	0	12.42
2/3/2010 5:00	4698	13.11	83.2	6.54	18.89	8.5	81	13.33	15.31	57.95	39.46	99.9	99.3	0.07	0	26.15	7.062	0.048	12.37
2/3/2010 6:00	4699	13.72	81.9	6.948	22.47	8.82	80.6	13.62	17.1	45.21	39.36	99.9	99.3	0.1	0	26.15	7.144	0.083	12.3
2/3/2010 7:00	4700	16.18	80.8	7.243	22.47	10.47	78.78	14.02	18.89	45.28	38.84	99.9	99.3	0.12	0	26.14	7.246	0.102	12.6
2/3/2010 8:00	4701	18.25	81.5	7.061	27.84	11.74	79.46	14.11	20.68	44.21	37.85	99.9	99.3	0.08	0.243	26.12	7.323	0.077	12.2
2/3/2010 9:00	4702	21.1	84.3	6.157	31.42	13.73	82.2	12.99	22.47	44.76	37.33	99.9	99.3	0.04	10.8	26.1	7.371	0.048	12.82
2/3/2010 10:00	4703	20.38	88.7	7.48	33.21	13.89	87.4	13.38	24.26	46.32	37.27	99.9	99.3	0.09	25.18	26.1	7.456	0.086	12.18
2/3/2010 11:00	4704	20.2	88.4	7.44	33.21	13.78	87.7	13.21	24.26	46.31	37.22	99.8	99.3	0.11	42.92	26.1	7.555	0.098	12.24
2/3/2010 12:00	4705	18.79	90.6	8.08	31.42	12.93	89.2	13.48	24.26	46.5	37.26	98.8	99.3	0.1	72.19	26.09	7.64	0.086	14.22
2/3/2010 13:00	4706	16	90	8.47	26.05	11.18	88.9	14.1	20.68	46.33	37.16	98.6	99.3	0.07	82.5	26.08	7.704	0.063	12.2
2/3/2010 14:00	4707	16.81	86.4	7.221	26.05	11.28	84.9	13.53	20.68	46.13	37.27	98.9	99.3	0.04	100.5	26.06	7.748	0.044	12.35
2/3/2010 15:00	4708	17.17	86	7.431	26.05	11.69	83.8	14.25	18.89	46.42	37.9	99	99.3	0.02	142.1	26.03	7.761	0.013	12.22
2/3/2010 16:00	4709	14.11	91.2	9	24.26	10.03	89.4	14.44	18.89	46.88	38.42	99.4	99.3	0.02	53.28	26.02	7.78	0.019	12.48
2/3/2010 17:00	4710	11.17	87.1	8.11	18.89	7.594	84.7	13.85	13.52	46.9	38.63	99.9	99.3	0.14	21.96	26.03	7.891	0.111	12.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/3/2010 18:00	4711	14.5	84.1	7.889	24.26	9.62	81.2	13.85	20.68	47.59	39.51	99.9	99.3	0.07	13.58	26.03	7.954	0.063	12.98
2/3/2010 19:00	4712	13.69	98	9.28	22.47	10.31	97.6	14.19	18.89	47.89	39.95	99.9	99.3	0.02	1.344	26.04	7.97	0.016	12.26
2/3/2010 20:00	4713	13.44	94.1	8.45	20.68	9.77	92.2	13.27	17.1	47.49	39.76	99.9	99.3	0.04	0	26.05	7.995	0.025	12.19
2/3/2010 21:00	4714	14.09	85.5	8.58	22.47	9.52	82.4	14.32	18.89	46.95	39.44	99.9	99.3	0.01	0	26.05	8	0.006	12.22
2/3/2010 22:00	4715	12.45	90	11.56	22.47	8.78	87.8	16.56	18.89	46.63	39.17	99.9	99.3	0.13	0	26.05	8.11	0.105	12.19
2/3/2010 23:00	4716	13.56	97	9.85	22.47	10.05	94.9	14.93	20.68	45.9	38.59	99.9	99.3	0.02	0	26.06	8.13	0.019	12.27
2/4/2010 0:00	4717	13.21	108.4	8.9	20.68	9.4	107.1	14.33	17.1	45.35	38.15	99.9	99.3	0	0	26.06	8.13	0.003	12.31
2/4/2010 1:00	4718	11.49	110.2	9.03	24.26	8.08	108.9	14.22	15.31	45.23	37.99	99.9	99.3	0	0	26.06	8.13	0	12.22
2/4/2010 2:00	4719	9.67	106.2	10.47	17.1	7.117	105.2	15.23	13.52	45.31	38.07	99.9	99.3	0	0	26.06	8.13	0	12.29
2/4/2010 3:00	4720	8.61	116	10.99	15.31	5.968	114.6	16.39	11.74	45.53	38.34	99.9	99.3	0	0	26.07	8.13	0	12.35
2/4/2010 4:00	4721	9.56	105.4	10.14	15.31	7.122	103.4	14.85	13.52	45.73	38.49	99.9	99.3	0	0	26.04	8.13	0.003	12.27
2/4/2010 5:00	4722	8.5	105.6	9.36	13.52	6.206	105	13.73	13.52	46.03	38.59	99.9	99.3	0	0	26.03	8.13	0	12.35
2/4/2010 6:00	4723	7.026	125.2	11.82	11.74	4.685	124	17.1	11.74	46.44	38.84	99.9	99.3	0	0	26.05	8.13	0	12.23
2/4/2010 7:00	4724	5.788	131.2	12.58	8.16	3.911	131.3	17.66	6.368	46.79	39	99.9	99.3	0	0	26.06	8.13	0	13.86
2/4/2010 8:00	4725	4.567	101.3	13.82	8.16	3.203	101.4	14.66	6.368	47.6	39.22	99.9	99.3	0	1.222	26.07	8.13	0	12.46
2/4/2010 9:00	4726	5.441	94	11.83	9.95	4.193	90.4	15.27	8.16	48.49	39.59	99.9	99.3	0	33.23	26.08	8.13	-0.001	13.61
2/4/2010 10:00	4727	5.065	152.9	32.93	9.95	3.678	155.6	35.44	8.16	50.37	40.51	99.9	99.3	0.01	68.24	26.09	8.13	-0.001	12.56
2/4/2010 11:00	4728	4.188	159.6	26.58	8.16	3.069	159.6	29.87	8.16	52.86	41.18	99.9	99.3	0	95.6	26.11	8.13	0	12.51
2/4/2010 12:00	4729	3.713	194.4	24.57	8.16	2.945	199.6	26.44	6.368	56.31	42.84	99.9	99.3	0	202.1	26.11	8.13	0	12.72
2/4/2010 13:00	4730	6.523	203.4	14.72	11.74	5.061	208.2	17.25	9.95	58.27	44.38	99.9	99.3	0	200.8	26.11	8.13	0.003	12.79
2/4/2010 14:00	4731	7.027	225.4	19.01	11.74	5.674	229.7	19.37	9.95	59.36	46.5	97	97.5	0	213.8	26.1	8.13	-0.001	12.67
2/4/2010 15:00	4732	8.6	265	27.1	15.31	7.097	265.7	27.02	11.74	55.31	46.51	95.4	96.2	0	142.8	26.09	8.13	0	12.57
2/4/2010 16:00	4733	10.68	289.7	11.12	17.1	8.5	290.3	14.68	13.52	52.66	47.36	87.6	88.5	0	142.3	26.08	8.13	-0.003	12.63
2/4/2010 17:00	4734	12.33	298.4	13.43	18.89	10.21	299.9	15.85	15.31	51.91	49.24	78	78.91	0	247.9	26.08	8.13	0.003	12.62
2/4/2010 18:00	4735	8.19	291.5	13.69	15.31	6.881	291.5	16.75	13.52	51.32	49.78	72.78	75.83	0	163.1	26.1	8.13	-0.001	12.56
2/4/2010 19:00	4736	5.234	273.2	9.27	8.16	3.101	274.8	15.42	8.16	49.11	46.18	77.5	83	0	12.35	26.1	8.13	0.001	12.48
2/4/2010 20:00	4737	2.293	290.6	10.72	6.368	0.301	324.3	2.229	2.789	45.33	41.17	85	93.7	0	0	26.08	8.13	-0.002	12.22
2/4/2010 21:00	4738	2.472	286.8	17.67	4.578	0.017	331	0.615	2.789	43.92	38.89	87.1	98.2	0	0	26.07	8.13	-0.001	12.24
2/4/2010 22:00	4739	1.189	221.3	8.34	4.578	0.382	97.7	13.04	2.789	41.53	36.86	91.3	99.3	0	0	26.06	8.13	0	12.36
2/4/2010 23:00	4740	2.952	235.3	19.73	6.368	0.607	306.2	21.73	2.789	39.19	35.7	94.4	99.3	0	0	26.07	8.13	0	12.33
2/5/2010 0:00	4741	1.315	269.3	8.78	4.578	0.146	324.5	0.517	4.578	39.11	35.25	94.3	99.3	0	0	26.06	8.13	0	12.26
2/5/2010 1:00	4742	3.297	279.7	9.86	6.368	1.317	311.9	5.014	4.578	40.18	35.34	90.8	99.3	0	0	26.06	8.13	0	12.21
2/5/2010 2:00	4743	4.179	287.3	8.67	6.368	1.601	313.2	6.571	4.578	39.99	35.74	92.2	99.3	0	0	26.06	8.13	0	12.35
2/5/2010 3:00	4744	4.046	290.5	14.85	6.368	1.497	307.7	15.38	4.578	38.69	35.04	95.1	99.3	0	0	26.07	8.13	0	12.39
2/5/2010 4:00	4745	4.922	304.5	18.48	8.16	1.262	294.6	26.42	6.368	37.55	33.35	95.5	99.3	0	0	26.07	8.13	0.001	12.33
2/5/2010 5:00	4746	6.199	324.1	8.56	9.95	3.265	323.4	10.86	8.16	37.15	34.02	89.3	98.9	0	0	26.07	8.13	0	12.45
2/5/2010 6:00	4747	7.537	316.4	8.25	11.74	4.993	318.4	10.23	8.16	36.72	34.84	91	98.2	0	0	26.09	8.13	-0.001	12.54
2/5/2010 7:00	4748	9.91	313.2	8.74	15.31	7.094	315	9.83	11.74	36.76	35.3	88.2	94.9	0	0	26.11	8.13	0	12.21
2/5/2010 8:00	4749	9.61	325.6	12.96	17.1	6.87	325.3	13.72	13.52	36.17	34.98	86.1	92.5	0	3.255	26.13	8.13	0	12.18
2/5/2010 9:00	4750	14.25	322.2	8.54	22.47	7.977	325	18.49	18.89	40.05	39.95	79.27	83.3	0	103.1	26.16	8.13	0	12.44
2/5/2010 10:00	4751	15.42	326.3	7.964	24.26	10.97	329.8	13.93	22.47	44.53	44.5	71.72	75.21	0	292.7	26.22	8.13	0	12.62
2/5/2010 11:00	4752	17.64	327.6	7.952	26.05	14.14	328.6	10.82	22.47	48.4	47.96	61.74	65	0	467.1	26.28	8.13	0.001	13.74
2/5/2010 12:00	4753	15.03	324.5	10.75	20.68	12.65	325.7	11.43	20.68	52.16	51.82	55.88	58.5	0	596.7	26.32	8.13	0	12.79
2/5/2010 13:00	4754	15.83	324.7	11.7	24.26	13.14	325.4	12.5	22.47	55.37	55.36	49.28	51.48	0	670.4	26.33	8.13	-0.001	13.26
2/5/2010 14:00	4755	17.49	310.9	10.23	26.05	14.47	313.4	11.12	24.26	56.65	56.78	45.52	46.97	0	682.6	26.32	8.13	-0.001	12.73

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/5/2010 15:00	4756	16.49	311.5	11.9	26.05	13.74	313.5	13.14	24.26	57.87	58.09	45.15	46.14	0	630.3	26.3	8.13	0	13.62
2/5/2010 16:00	4757	12.46	299.3	22.62	20.68	10.47	301.1	24.58	18.89	59.2	59.79	43.21	43.75	0	522.4	26.29	8.13	0	12.65
2/5/2010 17:00	4758	9.77	296.6	19.94	17.1	8.05	298.6	21.43	15.31	60.3	60.89	40.6	40.99	0	362.9	26.29	8.13	0	12.73
2/5/2010 18:00	4759	10	299.5	11.82	17.1	8.11	301.5	13.64	13.52	60.5	60.74	38.34	38.96	0	172.5	26.29	8.13	0.001	12.69
2/5/2010 19:00	4760	6.133	336.3	16.33	11.74	3.926	349.9	23.1	11.74	57.58	55.67	42.29	48	0	12.42	26.27	8.11	-0.017	12.46
2/5/2010 20:00	4761	5.079	10.09	20.87	8.16	3.216	37.73	29.67	6.368	54.91	50.65	46.13	58.07	0	0	26.24	8.11	-0.005	12.2
2/5/2010 21:00	4762	4.582	57.6	15.59	8.16	2.312	64.51	11.97	6.368	51.57	45.55	52.44	71.43	0	0	26.22	8.1	-0.005	12.31
2/5/2010 22:00	4763	3.95	89.6	13.4	6.368	1.656	66.52	13.54	4.578	48.38	44.96	60.51	71.92	0	0	26.21	8.1	-0.003	12.34
2/5/2010 23:00	4764	0.844	186.4	42.8	2.789	0.116	5.705	8.45	2.789	47.14	43.11	62.63	79.69	0	0	26.21	8.09	-0.003	12.36
2/6/2010 0:00	4765	1.088	306.9	6.723	4.578	1.414	83.6	9.72	4.578	45.66	40.7	65.81	85.4	0	0	26.2	8.09	-0.001	12.25
2/6/2010 1:00	4766	0.789	268.6	23.08	2.789	0.596	72.82	27.22	2.789	44.74	40.21	65.59	84	0	0	26.2	8.09	0	12.35
2/6/2010 2:00	4767	0.522	358	19.68	2.789	1.279	66.22	14.46	4.578	44.71	38.92	64.19	87.1	0	0	26.19	8.09	-0.003	12.18
2/6/2010 3:00	4768	3.758	40.54	14.72	9.95	2.408	43.14	16.8	8.16	43.66	38.65	67.22	85.3	0	0	26.19	8.09	0	12.56
2/6/2010 4:00	4769	7.89	23.61	10.99	15.31	4.378	23.74	13.22	9.95	41.55	40.23	72.47	79.19	0	0	26.19	8.09	0	12.16
2/6/2010 5:00	4770	9.71	57.96	10.53	17.1	6.376	55.35	12.48	13.52	36.33	36.11	89.6	93.8	0	0	26.2	8.09	-0.003	12.28
2/6/2010 6:00	4771	14.07	69.29	5.806	18.89	10.06	65.68	10.14	17.1	35.11	34.89	92.7	97	0	0	26.19	8.08	-0.003	12.44
2/6/2010 7:00	4772	11.76	74.15	9.45	18.89	8.21	70.56	14.23	15.31	34.01	33.85	91.9	96.3	0	0	26.2	8.08	-0.003	12.2
2/6/2010 8:00	4773	8.01	66.66	8.1	13.52	5.598	64.38	11.55	9.95	32.61	32.47	93.3	97.7	0	3.61	26.22	8.08	0	12.37
2/6/2010 9:00	4774	11.01	57.12	11.94	20.68	7.518	55.47	13.67	17.1	33.35	33.76	92.2	95.9	0	111.1	26.24	8.08	0	12.24
2/6/2010 10:00	4775	13.47	81.3	9.16	20.68	9.28	78.67	15.31	17.1	36.16	37.47	88.8	91.4	0	284.2	26.27	8.08	-0.001	12.61
2/6/2010 11:00	4776	11.81	91.2	12.36	18.89	8.64	89.1	17.57	13.52	37.61	39.56	88.2	89.5	0	411.8	26.32	8.08	0.002	12.71
2/6/2010 12:00	4777	9.93	89.5	14.1	15.31	7.511	86.7	19.32	13.52	39.19	41.21	87.7	88.8	0	531.8	26.33	8.08	-0.003	12.4
2/6/2010 13:00	4778	7.188	88.7	15.63	13.52	5.585	84.6	22.24	9.95	44.65	46.57	78.71	79.59	0	675.5	26.34	8.08	0.001	12.46
2/6/2010 14:00	4779	5.595	89.1	26.04	11.74	4.443	85.3	29.57	9.95	50.18	51.72	68.65	69.29	0	707.2	26.34	8.08	-0.001	12.81
2/6/2010 15:00	4780	6.301	92.8	36.39	13.52	4.929	87.6	44.34	9.95	54.38	55.91	61.58	61.66	0	670	26.34	8.08	-0.002	12.77
2/6/2010 16:00	4781	6.571	107.4	18.01	11.74	5.088	105.2	22.14	9.95	56.11	57.54	56.8	56.26	0	381.3	26.33	8.08	0	12.78
2/6/2010 17:00	4782	7.479	91.1	11.08	13.52	5.638	89.1	17.02	9.95	55.59	56.74	56.61	57.22	0	225.5	26.3	8.07	-0.002	12.73
2/6/2010 18:00	4783	9.25	90.6	8.71	15.31	6.4	89.1	14.07	11.74	54.36	54.94	60.71	62.69	0	97.6	26.27	8.06	-0.012	12.68
2/6/2010 19:00	4784	10.79	78.11	6.932	17.1	6.919	72.82	12.9	11.74	50.13	50.21	70.19	73.98	0	15.23	26.25	8.05	-0.009	12.56
2/6/2010 20:00	4785	12.87	84	6.791	18.89	8.09	81.6	13.42	13.52	46.11	45.97	79.69	84.2	0	0	26.22	8.05	-0.004	12.28
2/6/2010 21:00	4786	12.81	90.7	6.855	18.89	8.7	89.3	12.27	15.31	43.32	43.34	86.5	90.9	0	0	26.21	8.04	-0.006	12.45
2/6/2010 22:00	4787	11.27	98.3	8.61	17.1	8.24	97.1	13.26	15.31	41.36	41.45	90.8	95.1	0	0	26.2	8.04	-0.003	13.75
2/6/2010 23:00	4788	10.57	97.3	8.45	15.31	7.603	94.6	12.85	11.74	40.09	40.14	92.9	97.3	0	0	26.19	8.04	-0.001	12.55
2/7/2010 0:00	4789	9.47	87.3	7.841	15.31	6.343	85.9	13.05	11.74	39.09	39.07	94.2	98.6	0	0	26.18	8.04	-0.003	12.35
2/7/2010 1:00	4790	8.52	87.6	8.94	18.89	5.535	86.3	14.09	9.95	37.55	37.49	96.4	99.3	0	0	26.18	8.03	-0.003	12.34
2/7/2010 2:00	4791	9.18	79.7	6.704	15.31	5.915	75.62	13.22	11.74	35.48	35.71	98.9	99.3	0	0	26.15	8.03	0	12.39
2/7/2010 3:00	4792	9.72	81.8	7.515	13.52	6.515	79.26	13.7	11.74	34.88	35.33	99.9	99.3	0	0	26.13	8.03	0	12.29
2/7/2010 4:00	4793	8.45	90.6	10.39	13.52	6.019	87.1	14.97	9.95	35.1	35.69	99.9	99.3	0	0	26.12	8.03	0	12.65
2/7/2010 5:00	4794	7.366	103.8	12.88	15.31	5.44	100.7	17.59	11.74	36.76	37.26	99.9	99.3	0	0	26.11	8.03	-0.003	12.48
2/7/2010 6:00	4795	6.408	71.17	8.15	9.95	4.536	68.22	13.23	8.16	37.55	38.06	99.9	99.3	0	0	26.1	8.03	0	12.66
2/7/2010 7:00	4796	7.346	69.01	11.14	11.74	5.283	67.05	13.69	9.95	38.3	38.78	99.9	99.3	0	0	26.1	8.03	0	12.31
2/7/2010 8:00	4797	9.15	67.6	7.86	13.52	6.549	65.07	12.37	11.74	37.96	38.1	99.6	99.3	0	0.719	26.1	8.03	0.003	12.2
2/7/2010 9:00	4798	9.19	78.34	8.15	13.52	6.308	74.73	13.78	11.74	40.47	38.63	99.6	99.3	0	11.29	26.11	8.03	0	13.55
2/7/2010 10:00	4799	9.39	85.9	8.03	13.52	6.408	84.5	14.01	9.95	38.96	39	99.9	99.3	0	36.75	26.12	8.03	-0.003	12.54
2/7/2010 11:00	4800	9.15	95.1	8.78	15.31	6.843	93.8	14.25	11.74	39.77	39.79	99.9	99.3	0	91	26.11	8.03	0.001	12.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/7/2010 12:00	4801	8.49	106.7	12.54	13.52	6.266	106.8	16.93	9.95	41.71	41.82	99.9	99.3	0	184.5	26.1	8.03	-0.001	12.65
2/7/2010 13:00	4802	9.54	118.4	11.94	15.31	7.131	117.7	17.1	11.74	44.38	45.12	99.9	99.3	0	332	26.08	8.03	0	12.88
2/7/2010 14:00	4803	10.33	96.3	18.64	15.31	7.772	93.9	22.83	13.52	45.84	47.6	98.7	99.3	0	369.6	26.07	8.03	-0.001	12.93
2/7/2010 15:00	4804	11.4	102.4	13.92	18.89	8.76	99.7	18.56	15.31	50.42	52.04	84.7	90.5	0	582.9	26.04	8.03	-0.001	12.96
2/7/2010 16:00	4805	11.6	92.3	12.68	17.1	8.69	90.6	17.46	15.31	55.98	57.67	71.1	79.6	0	522.1	26.05	8.03	-0.001	12.94
2/7/2010 17:00	4806	12.45	83.2	10.71	18.89	9.03	79.83	16.25	15.31	54.83	56.53	79.04	81.9	0	360.1	26.05	8.03	0	12.86
2/7/2010 18:00	4807	14.56	66.78	10.27	22.47	10.58	64.26	13.7	17.1	50.54	51.87	92.1	91.1	0	157.1	26.04	8.03	0.001	12.55
2/7/2010 19:00	4808	16.17	76.65	8.57	24.26	11.01	73.79	14	18.89	45.08	45.48	99.9	99.3	0	3.946	26.01	8.02	-0.005	12.33
2/7/2010 20:00	4809	17.43	82.8	6.592	24.26	11.29	80.6	13.5	18.89	43.43	43.57	99.9	99.3	0	0	25.99	8.02	-0.008	12.53
2/7/2010 21:00	4810	15.26	85	8.53	24.26	10.24	82.4	14.87	18.89	42.67	42.13	99.9	99.3	0	0	25.99	8.01	-0.006	12.15
2/7/2010 22:00	4811	13.88	82.7	7.564	22.47	9.22	80.2	14.12	17.1	41.84	41.58	99.9	99.3	0	0	26	8.01	-0.003	12.43
2/7/2010 23:00	4812	10.35	81.3	10.11	17.1	7.164	78.64	15.18	13.52	41.06	41.04	99.9	99.3	0	0	26	8	-0.003	12.43
2/8/2010 0:00	4813	11.13	49.36	26.34	26.05	7.609	47.03	26.71	22.47	40.21	40.26	99.9	99.3	0	0	26.01	7.999	-0.003	12.69
2/8/2010 1:00	4814	14.98	34.6	10.76	24.26	9.03	32.8	11.61	20.68	37.48	37.73	99.9	99.3	0	0	26.02	7.998	-0.001	12.26
2/8/2010 2:00	4815	15.75	42.21	9.2	24.26	9	39.9	9.7	17.1	35.68	35.74	99.9	99.3	0	0	26.01	7.999	0	12.2
2/8/2010 3:00	4816	13.7	52.41	9.21	20.68	8.61	49.14	12.23	15.31	35.25	35.06	99.9	99.3	0	0	26	7.996	-0.003	12.21
2/8/2010 4:00	4817	9.4	45.52	12.31	17.1	5.745	41.86	14.11	13.52	35.23	34.95	99.9	99.3	0	0	26	7.992	-0.003	12.2
2/8/2010 5:00	4818	6.439	22.75	17.28	9.95	4.514	22.17	19.6	9.95	35.5	35.14	99.9	99.3	0	0	26.01	7.992	0	12.36
2/8/2010 6:00	4819	7.869	15.53	19.66	13.52	5.763	14.73	21.68	11.74	35.77	35.31	99.9	99.3	0	0	26.02	7.989	-0.003	12.37
2/8/2010 7:00	4820	7.153	20.54	15.2	13.52	5.089	20.32	16.91	11.74	35.78	35.38	99.9	99.3	0	0	26.04	7.986	-0.003	12.33
2/8/2010 8:00	4821	9.2	24.2	11.9	15.31	6.354	23.41	13.45	13.52	35.32	35.09	99.9	99.3	0	1.869	26.05	7.986	0	14.07
2/8/2010 9:00	4822	10.67	20.71	10.58	15.31	7.663	20.64	12.49	15.31	35.23	35.4	99.9	99.3	0	42.65	26.08	7.983	-0.003	12.14
2/8/2010 10:00	4823	10.85	20.66	13.11	17.1	7.748	19.8	14.76	17.1	36.09	36.39	99.9	98.3	0	84.7	26.11	7.983	0	13.82
2/8/2010 11:00	4824	12.14	21.99	14.31	18.89	8.48	21.54	16.61	17.1	37.39	37.91	94.3	92.7	0	209.9	26.13	7.983	0	12.4
2/8/2010 12:00	4825	12.15	21.62	19.71	20.68	8.39	21.12	20.42	18.89	38.68	39.47	88.5	88	0	303.2	26.16	7.98	-0.002	12.45
2/8/2010 13:00	4826	12.14	14.6	13.87	18.89	9.07	13.76	16.77	17.1	39.47	40.23	85	84.4	0	248.7	26.17	7.98	0	12.37
2/8/2010 14:00	4827	13.09	15.66	14.27	20.68	9.65	15.04	16.72	18.89	40.13	40.78	82.8	82.4	0	220.8	26.16	7.98	0	12.31
2/8/2010 15:00	4828	12.19	20.47	15.76	22.47	8.97	19.4	16.63	17.1	40.66	41.42	80.1	79.45	0	369.4	26.16	7.983	0.003	12.19
2/8/2010 16:00	4829	12.66	15.46	15.61	22.47	9.19	14.66	17.87	17.1	41.21	42.05	76.24	75.19	0	292	26.18	7.983	0	12.48
2/8/2010 17:00	4830	12.78	18.63	17.24	18.89	8.99	18.24	18.81	17.1	41.53	42.21	75.01	73.95	0	198.7	26.2	7.98	-0.003	12.56
2/8/2010 18:00	4831	12.89	24.48	9.69	18.89	8.87	24.1	11.48	17.1	40.17	40.68	75.78	74.98	0	93.8	26.21	7.98	0	12.41
2/8/2010 19:00	4832	12.91	29.67	12.74	22.47	8.35	29.64	13.39	17.1	39.08	39.48	76.12	75.74	0	23.19	26.22	7.958	-0.022	12.42
2/8/2010 20:00	4833	12.38	40.91	9.06	20.68	7.101	40.16	8.87	18.89	35.87	36.27	83	83.5	0	0	26.23	7.954	-0.004	12.35
2/8/2010 21:00	4834	10.24	38.94	10.03	15.31	5.978	38.17	10.48	13.52	33.61	34.12	84.5	84.8	0	0	26.24	7.948	-0.006	12.22
2/8/2010 22:00	4835	8.44	43.84	9.56	13.52	4.935	42.84	10.11	9.95	31.68	32.16	86.4	88.3	0	0	26.25	7.945	-0.003	12.16
2/8/2010 23:00	4836	8.94	47.64	8.76	15.31	5.389	46.11	11.44	11.74	30.21	30.74	87.7	91.6	0	0	26.25	7.946	0.001	12.4
2/9/2010 0:00	4837	7.026	42.06	11.65	11.74	3.994	39.34	12.63	8.16	29.1	29.63	88.6	92.8	0	0	26.26	7.944	-0.002	12.3
2/9/2010 1:00	4838	5.797	44.66	11.61	9.95	3.264	42.62	13.38	8.16	27.92	28.52	90.6	94.6	0	0	26.27	7.944	0	12.25
2/9/2010 2:00	4839	7.792	63.98	7.928	11.74	5.412	62.61	10.75	9.95	27.13	27.62	92.2	96.5	0	0	26.26	7.944	0	12.66
2/9/2010 3:00	4840	7.654	60.19	9.12	13.52	5.374	59.77	13.05	11.74	27.72	28.45	93.1	97.1	0	0	26.28	7.944	0	13.61
2/9/2010 4:00	4841	9.96	74.75	10.25	17.1	6.921	72.84	14.98	13.52	28.48	29.27	93.5	97.3	0	0	26.3	7.948	0.003	12.47
2/9/2010 5:00	4842	8.33	108	18.55	15.31	5.714	108.1	22.46	11.74	28.4	29.21	93.2	97	0	0	26.31	7.948	0	12.21
2/9/2010 6:00	4843	6.697	118.5	10.05	11.74	4.598	118.6	15.51	8.16	28.56	29.33	92.3	96.2	0	0	26.32	7.947	0	12.19
2/9/2010 7:00	4844	6.462	128.3	11.69	9.95	4.477	129.7	17.52	8.16	28.73	29.52	91.4	95.5	0	0	26.34	7.947	0	12.3
2/9/2010 8:00	4845	5.999	132.3	16.73	9.95	4.075	133.6	20.7	8.16	28.92	29.68	89.7	93.9	0	1.713	26.37	7.947	-0.001	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/9/2010 9:00	4846	7.747	146	9.49	13.52	5.26	148.3	14.1	9.95	29.12	30.07	88.8	92.7	0	23.39	26.39	7.946	0	12.38
2/9/2010 10:00	4847	7.421	144.5	13.8	11.74	5.134	147.2	18.97	9.95	29.49	30.66	87.5	90.8	0	64.28	26.41	7.946	0	12.28
2/9/2010 11:00	4848	7.123	131.1	17.76	13.52	5.214	132.5	23.85	9.95	30.6	32.1	83.9	86.3	0	152.3	26.42	7.945	-0.001	13.04
2/9/2010 12:00	4849	6.738	120.8	18.43	11.74	5.106	122.7	22.63	9.95	32.45	34.25	81.6	82.8	0	302.2	26.43	7.945	0	12.57
2/9/2010 13:00	4850	5.965	118.1	33.19	15.31	4.58	115.1	38.82	13.52	36.06	37.85	73.56	74.09	0	412	26.43	7.939	-0.006	12.38
2/9/2010 14:00	4851	11.5	118.7	14.7	18.89	8.47	119.3	20.19	15.31	33.98	36.24	79.79	80.3	0	334.2	26.41	7.936	-0.003	14.25
2/9/2010 15:00	4852	9.33	145.2	21.88	17.1	6.708	148.5	26.64	13.52	36.65	38.59	72.11	72.29	0	280.9	26.38	7.936	0	12.5
2/9/2010 16:00	4853	11.63	134.9	12.21	18.89	8.16	136.7	17.75	17.1	35.97	37.93	73.46	73.88	0	239.8	26.38	7.933	-0.003	12.43
2/9/2010 17:00	4854	11.58	127.5	11.15	17.1	7.855	127.9	16.86	15.31	35.79	37.42	72.97	74.07	0	134.5	26.35	7.926	-0.006	12.44
2/9/2010 18:00	4855	9.39	145.9	17.03	17.1	6.333	147.8	21.09	13.52	35.01	36.15	73.48	75.48	0	70.26	26.34	7.922	-0.004	12.27
2/9/2010 19:00	4856	5.193	150.6	11.93	9.95	2.728	150.6	13.72	8.16	34.2	34.52	74.67	78.91	0	9.65	26.33	7.919	-0.003	13.05
2/9/2010 20:00	4857	4.523	113.1	14.57	6.368	1.93	98.8	12.28	4.578	33.26	33	77.64	84.8	0	0	26.34	7.916	-0.003	12.22
2/9/2010 21:00	4858	6.692	102.9	8.14	9.95	4.467	100.7	12.84	8.16	32.93	33.24	79.56	84.7	0	0	26.34	7.916	0	12.26
2/9/2010 22:00	4859	6.887	99.3	7.688	11.74	4.774	97.2	11.9	8.16	32.12	32.54	80.4	85.1	0	0	26.34	7.913	-0.003	12.27
2/9/2010 23:00	4860	7.762	95.9	7.016	13.52	5.153	94.3	11.81	8.16	31.08	31.42	81.8	86.7	0	0	26.33	7.914	0.001	12.48
2/10/2010 0:00	4861	8.36	99.6	8.64	13.52	5.926	98.1	13.11	9.95	30.01	30.49	82.4	87	0	0	26.31	7.911	-0.003	12.22
2/10/2010 1:00	4862	8.97	118.1	8.73	13.52	5.837	117.4	14.03	9.95	29.43	29.87	80.6	85.3	0	0	26.32	7.912	0.001	12.3
2/10/2010 2:00	4863	8.68	117.2	7.787	13.52	5.765	116.3	13.72	13.52	29.24	29.84	79.92	84.1	0	0	26.3	7.913	0	12.52
2/10/2010 3:00	4864	8.45	112.6	8.63	13.52	5.8	110.9	13.8	11.74	29.16	29.82	80.4	84.5	0	0	26.28	7.913	0	12.25
2/10/2010 4:00	4865	9.91	115.7	8.39	13.52	6.864	115.2	13.64	11.74	29.44	30.2	79.68	83.4	0	0	26.26	7.912	-0.001	12.48
2/10/2010 5:00	4866	10.15	114.9	8.36	17.1	6.992	113.4	13.98	13.52	29.61	30.34	78.65	82.3	0	0	26.26	7.911	0	12.48
2/10/2010 6:00	4867	15.39	128	8.49	26.05	10.08	129.2	14.25	20.68	30.1	30.84	73.51	76.89	0	0	26.24	7.911	0	12.21
2/10/2010 7:00	4868	13.98	132.1	9.02	24.26	9.13	132.3	15.11	20.68	29.84	30.57	73.29	76.4	0	0	26.24	7.911	0	12.2
2/10/2010 8:00	4869	9.86	119.8	9.42	17.1	6.603	119	15.02	13.52	29.5	30.2	74.76	78.03	0	1.71	26.26	7.911	0	14.33
2/10/2010 9:00	4870	7.213	118.2	11.3	13.52	5.032	117.6	16.49	9.95	29.71	30.54	76.11	79.2	0	44.85	26.27	7.911	0	12.22
2/10/2010 10:00	4871	9.9	131.1	12.36	17.1	6.614	131.6	18.03	13.52	30.99	32.2	75.2	77.58	0	94.9	26.28	7.911	-0.001	12.8
2/10/2010 11:00	4872	12.69	149.7	11.82	18.89	8.59	151.5	16.4	15.31	33.16	34.71	73.63	75.01	0	192.8	26.29	7.907	-0.004	12.18
2/10/2010 12:00	4873	12.29	153.6	11.35	18.89	8.52	156.7	15.52	15.31	35.2	37.07	71.63	72.08	0	306.5	26.3	7.897	-0.01	12.95
2/10/2010 13:00	4874	12.21	160.3	13.38	20.68	8.39	163.8	17.56	17.1	36.74	38.72	69.91	69.73	0	349.4	26.3	7.898	0.001	12.41
2/10/2010 14:00	4875	10.7	160.5	19.63	18.89	7.649	163.8	23.48	15.31	38.58	40.71	68	66.95	0	505.9	26.28	7.895	-0.003	12.56
2/10/2010 15:00	4876	12.26	164.5	14.62	20.68	8.61	169	18.54	17.1	40.37	42.67	66.04	64.28	0	595.4	26.27	7.897	0.002	12.86
2/10/2010 16:00	4877	11.22	160.5	16.68	18.89	8.05	163.6	20.98	15.31	41.97	44.27	63.78	61.69	0	525.5	26.26	7.892	-0.004	12.64
2/10/2010 17:00	4878	11.23	161.9	15.29	18.89	7.824	164.1	19.28	13.52	42.11	43.91	63.09	61.99	0	294.2	26.25	7.89	-0.002	14.04
2/10/2010 18:00	4879	10.26	155.4	11.65	15.31	6.888	157.3	15.63	11.74	41.08	42.13	64.96	65.68	0	107.4	26.23	7.885	-0.005	12.39
2/10/2010 19:00	4880	10.01	141.7	11.77	15.31	6.475	144	16.35	11.74	39.37	39.85	68.45	70.77	0	17.6	26.2	7.876	-0.009	12.44
2/10/2010 20:00	4881	6.365	137.9	10.53	9.95	3.604	136.9	15.2	8.16	36.94	36.95	73.41	77.42	0	0	26.19	7.872	-0.004	12.25
2/10/2010 21:00	4882	8.61	126.1	11.01	13.52	5.589	125.7	16.81	11.74	36.49	36.94	75.6	78.87	0	0	26.17	7.869	-0.003	12.2
2/10/2010 22:00	4883	7.683	135.2	11.49	13.52	5.068	137.2	16.65	9.95	35.25	35.65	77.2	80.6	0	0	26.16	7.866	-0.003	12.18
2/10/2010 23:00	4884	4.785	159.9	14.45	9.95	3.108	161.8	17.2	8.16	34.8	35.41	77.97	81.1	0	0	26.17	7.866	0	12.8
2/11/2010 0:00	4885	4.229	121.1	27.07	8.16	2.492	120.4	29.92	4.578	33.64	34.17	84.2	89	0.01	0	26.16	7.866	0	12.32
2/11/2010 1:00	4886	6.345	121.6	20.56	13.52	4.39	121.4	23.8	8.16	31.53	32.19	95.9	98.5	0.09	0	26.13	7.91	0.044	12.47
2/11/2010 2:00	4887	5.956	117.4	14.54	11.74	4.033	118.1	18.06	8.16	31.37	32.05	98.7	99.3	0.07	0	26.11	7.977	0.067	12.37
2/11/2010 3:00	4888	3.798	141.1	15.16	6.368	2.215	144.5	18.1	4.578	31.25	31.92	99.5	99.3	0.04	0	26.1	8.02	0.048	12.16
2/11/2010 4:00	4889	2.361	151.8	16.36	6.368	0.98	155.2	12.31	4.578	30.83	31.51	99.9	99.3	0.05	0	26.09	8.05	0.022	12.47
2/11/2010 5:00	4890	2.106	186.3	15.01	4.578	0.773	195.5	10.7	2.789	30.6	31.25	99.9	99.3	0.02	0	26.08	8.06	0.013	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/11/2010 6:00	4891	1.554	156.5	16.58	4.578	0.201	147.6	7.47	2.789	30.32	31	99.9	99.3	0.01	0	26.06	8.07	0.007	12.3
2/11/2010 7:00	4892	2.105	143.6	21.28	4.578	0.566	144	18.75	4.578	30.07	30.75	99.9	99.3	0	0	26.06	8.07	0	12.35
2/11/2010 8:00	4893	2.491	10.46	39.82	6.368	1.07	349.5	28.57	4.578	30.08	30.78	99.9	99.3	0	0.798	26.06	8.07	0.003	12.2
2/11/2010 9:00	4894	1.455	319	8.52	4.578	0.876	319	6.293	4.578	31.52	32.04	99	99.2	0	16.91	26.08	8.07	0	12.18
2/11/2010 10:00	4895	0.559	254.4	9.75	2.789	0.218	252.5	5.634	2.789	34.97	34.7	90	94.6	0	42.84	26.1	8.07	0.005	12.14
2/11/2010 11:00	4896	2.117	257	20.06	4.578	1.69	258.6	18.37	4.578	36.06	35.66	87	92.1	0	92.1	26.11	8.08	0.003	12.57
2/11/2010 12:00	4897	1.021	269.5	23.7	4.578	0.702	261	17.24	4.578	38.05	37.79	83.4	89.4	0	241.3	26.12	8.08	0.003	12.52
2/11/2010 13:00	4898	2.115	295.1	75.99	6.368	1.569	271.8	62.65	6.368	39.13	39.79	82.8	87.3	0	471.6	26.12	8.08	0.001	12.51
2/11/2010 14:00	4899	4.903	334.2	22.37	9.95	4.079	335.1	25.19	9.95	39.61	41.18	85	89	0	468.8	26.12	8.08	0	12.68
2/11/2010 15:00	4900	5.13	299.4	37.93	9.95	4.287	297.7	37.19	9.95	43.98	45.79	79.93	83	0	675.8	26.13	8.08	-0.002	12.3
2/11/2010 16:00	4901	5.082	282.1	45.52	11.74	4.277	284	47.47	9.95	46.18	47.66	76.41	78.78	0	545.7	26.17	8.08	0.003	14.07
2/11/2010 17:00	4902	5.272	58.08	26.02	17.1	3.874	58.95	27.48	11.74	46.69	47.85	75.28	78.13	0	199	26.18	8.08	0	12.81
2/11/2010 18:00	4903	11.45	93.3	12.22	17.1	8.12	91.7	17.74	13.52	42.56	44.32	83.3	85.5	0	165.8	26.16	8.08	0.001	12.54
2/11/2010 19:00	4904	11.54	80.1	8.24	17.1	7.765	78.32	14.16	13.52	39.52	40.33	88.4	92.4	0	11.06	26.16	8.08	0.001	12.33
2/11/2010 20:00	4905	9.67	78.2	10.57	15.31	6.568	76.17	15.3	11.74	37.27	37.85	91.2	95.6	0	0	26.15	8.08	-0.001	12.2
2/11/2010 21:00	4906	9.4	69.34	7.845	15.31	6.759	67.03	11.98	11.74	34.97	35.66	93.4	97.4	0	0	26.16	8.08	0.001	12.26
2/11/2010 22:00	4907	6.765	65.26	7.955	9.95	4.802	65.6	11.06	8.16	32.87	33.52	95.5	99.1	0	0	26.17	8.08	0	12.33
2/11/2010 23:00	4908	4.456	55.99	14.18	9.95	2.42	54.99	15.07	6.368	31.55	32.11	97.2	99.3	0	0	26.18	8.08	0	12.31
2/12/2010 0:00	4909	2.171	55.37	14.95	8.16	0.88	62.67	18.73	4.578	30.54	30.73	97.6	99.3	0	0	26.17	8.08	-0.002	12.45
2/12/2010 1:00	4910	4.671	28.79	8.31	8.16	2.529	30.92	12.84	6.368	31.6	31.58	96.5	99.3	0	0	26.18	8.08	0.002	12.18
2/12/2010 2:00	4911	3.637	22.66	40.57	8.16	2.034	37.76	48.49	6.368	30.97	30.63	95.5	99.2	0	0	26.19	8.08	0	12.13
2/12/2010 3:00	4912	3.97	318.1	32.6	6.368	1.926	319	19.36	4.578	28.88	28.45	96.7	99.2	0	0	26.19	8.08	0	12.58
2/12/2010 4:00	4913	0.752	44.27	31.14	2.789	1.032	134.6	19.94	4.578	28.81	27.23	98.2	99.2	0	0	26.19	8.08	0	12.98
2/12/2010 5:00	4914	4.494	358.9	15.05	9.95	3.141	354.4	16.44	8.16	27.43	27.91	98	99.2	0	0	26.19	8.08	0	12.66
2/12/2010 6:00	4915	8.54	11.36	10.97	13.52	6.414	11.92	13.54	11.74	30.13	30.94	99.3	99.3	0	0	26.2	8.08	0	13.7
2/12/2010 7:00	4916	7.825	7.71	10.54	11.74	5.699	6.761	12.41	9.95	31.35	32.19	99.9	99.3	0	0	26.22	8.09	0.001	12.67
2/12/2010 8:00	4917	5.767	13.48	17.93	9.95	4.072	11.56	19.46	8.16	31.3	32.13	99.9	99.3	0	2.735	26.24	8.08	0	12.35
2/12/2010 9:00	4918	5.902	22.48	24.21	11.74	3.947	19.46	23.81	9.95	29.73	30.74	99.9	99.3	0	40.57	26.26	8.08	0	12.48
2/12/2010 10:00	4919	3.78	2.777	18.75	8.16	2.892	2.049	20.36	6.368	30.15	31.4	98.6	99.1	0	126.7	26.29	8.08	0	13.77
2/12/2010 11:00	4920	4.701	322.6	42.03	9.95	3.856	322	41	9.95	31.85	33.19	95	97.4	0	174.7	26.31	8.08	0	12.37
2/12/2010 12:00	4921	6.18	255.4	21.38	9.95	5.148	255	25.2	9.95	34.62	35.84	91.2	93.5	0	432.6	26.32	8.08	0	12.43
2/12/2010 13:00	4922	4.916	241.3	31.78	9.95	4.068	242.7	33.93	9.95	41.01	42.29	79.14	80.7	0	695.8	26.36	8.08	-0.001	12.24
2/12/2010 14:00	4923	6.527	234.6	23.66	11.74	5.359	235.6	24.8	11.74	44.63	45.79	72.77	74.09	0	703.1	26.37	8.09	0.002	12.69
2/12/2010 15:00	4924	8.29	218.4	19.71	17.1	6.558	222.7	19.89	13.52	47.98	49.37	66.24	66.61	0	651.8	26.36	8.08	0	12.64
2/12/2010 16:00	4925	10.23	214	14.41	17.1	7.909	218.2	17.7	15.31	50.29	51.71	59.9	59.75	0	539.7	26.35	8.08	-0.001	12.66
2/12/2010 17:00	4926	10.68	221.2	16.24	17.1	8.12	223.9	17.66	13.52	52.35	53.7	52.74	52.39	0	376.1	26.32	8.09	0.001	12.76
2/12/2010 18:00	4927	10.36	267.8	13.89	17.1	8.21	266.5	14.83	13.52	53.3	54.33	40.15	40.18	0	185.7	26.3	8.08	-0.006	12.77
2/12/2010 19:00	4928	6.069	261.9	7.406	13.52	3.321	259.8	9.03	11.74	50	49.46	45.89	49.12	0	22.66	26.28	8.07	-0.006	12.26
2/12/2010 20:00	4929	4.339	215.5	22.64	6.368	0.756	168	6.536	4.578	46.26	42.86	52.91	61.81	0	0	26.24	8.07	-0.005	14.22
2/12/2010 21:00	4930	6.947	188.8	6.337	9.95	2.021	178.6	11.02	6.368	42.5	39.57	66.1	75.41	0	0	26.21	8.07	-0.001	12.53
2/12/2010 22:00	4931	5.134	200.3	9.53	9.95	1.408	196	7.73	4.578	40.36	38.32	73.7	83.3	0	0	26.2	8.07	-0.002	12.4
2/12/2010 23:00	4932	2.403	228.2	12.49	6.368	0.168	277.6	14.48	2.789	38.67	36.14	77.04	88.7	0	0	26.19	8.06	-0.003	12.24
2/13/2010 0:00	4933	5.419	227.4	10.91	8.16	1.888	245.6	10.82	4.578	39.03	36.33	75.05	85.9	0	0	26.18	8.06	-0.003	12.37
2/13/2010 1:00	4934	5.216	233.8	8.65	11.74	1.403	253.7	18.31	4.578	38.42	35.65	75.3	86	0	0	26.18	8.06	0	13.59
2/13/2010 2:00	4935	4.951	236.3	23.77	8.16	2.307	266.2	37.28	6.368	37.26	35.34	77.75	86.6	0	0	26.17	8.06	0	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/13/2010 3:00	4936	4.694	258.8	10.17	6.368	2.108	288.6	17.42	4.578	36.07	33.74	80.6	89.9	0	0	26.17	8.06	-0.002	12.22
2/13/2010 4:00	4937	4.542	261.5	16.77	8.16	2.244	297.5	22.03	6.368	34.65	32.32	84.1	93	0	0	26.15	8.06	0	12.19
2/13/2010 5:00	4938	4.871	260.1	9.71	8.16	1.568	294.4	18.74	6.368	33.61	30.45	86.8	96.1	0	0	26.14	8.06	0.001	12.55
2/13/2010 6:00	4939	4.562	293.3	20.14	6.368	1.089	299.9	22.97	4.578	33.48	30.83	84.6	95.8	0	0	26.13	8.06	0	12.17
2/13/2010 7:00	4940	5.519	308.6	14.12	11.74	2.309	298	26.49	8.16	34.03	32.14	80.5	89.6	0	0	26.13	8.06	-0.003	13.46
2/13/2010 8:00	4941	5.779	313	8.66	8.16	2.009	303.7	18.27	4.578	34.03	31.28	78.83	89.7	0	6.055	26.15	8.06	0.003	12.49
2/13/2010 9:00	4942	8.92	314.1	8.64	15.31	6.342	315.9	9.65	13.52	38.24	37.84	71.05	78.14	0	126.7	26.17	8.06	-0.002	12.41
2/13/2010 10:00	4943	12.24	310.1	8.18	20.68	10.13	312.2	8.75	17.1	43.64	44.39	64.31	67.22	0	326.5	26.23	8.05	-0.003	12.91
2/13/2010 11:00	4944	16.35	315.9	9.15	26.05	13.43	318.1	9.76	24.26	50.8	51.63	49.97	51.58	0	509.9	26.28	8.05	-0.003	14.46
2/13/2010 12:00	4945	15.99	315	10.87	26.05	13.52	316.8	11.4	22.47	53.74	54.66	46.53	47.46	0	641.1	26.32	8.05	-0.004	12.74
2/13/2010 13:00	4946	13.12	320.3	13.24	20.68	11.12	321.6	13.61	18.89	56.38	57.46	41.18	41.64	0	714.1	26.32	8.05	-0.002	12.98
2/13/2010 14:00	4947	13.68	307.8	14.42	22.47	11.63	309.6	15.59	22.47	58.59	59.64	34.56	34.17	0	725.2	26.3	8.04	-0.007	13.02
2/13/2010 15:00	4948	15.67	311.4	13.7	26.05	13.25	313.5	14.79	22.47	59.69	60.84	31.05	30.29	0	670.6	26.28	8.03	-0.006	12.95
2/13/2010 16:00	4949	14.93	318.7	12.83	27.84	12.52	319.9	13.65	20.68	60.57	61.66	32.37	31.67	0	553.3	26.27	8.03	-0.006	13.12
2/13/2010 17:00	4950	11.17	315	17.85	18.89	9.45	316.5	19	18.89	62.13	62.99	30.3	29.54	0	391.9	26.26	8.02	-0.006	12.95
2/13/2010 18:00	4951	9.53	328.7	14.38	18.89	7.83	329.4	14.92	15.31	62.82	63.39	28.54	28.38	0	199.2	26.24	8	-0.016	12.87
2/13/2010 19:00	4952	6.515	35.37	12.64	11.74	3.76	37.77	16.62	9.95	57.93	57.19	36.44	39.15	0	24.16	26.24	7.993	-0.011	14.31
2/13/2010 20:00	4953	4.733	65.96	8.47	6.368	2.917	59.18	8.44	4.578	52.64	49.45	41.31	49.74	0	0	26.21	7.985	-0.008	12.67
2/13/2010 21:00	4954	3.752	285.7	48.06	13.52	1.94	334.7	69.98	9.95	48.6	44.3	48.81	61.94	0	0	26.19	7.977	-0.008	12.62
2/13/2010 22:00	4955	4.423	317.6	20	9.95	1.133	342.7	42.25	4.578	52.05	42.86	41.56	66.85	0	0	26.17	7.974	-0.003	12.73
2/13/2010 23:00	4956	5.453	308.3	12.47	8.16	1.778	305.7	18.79	4.578	49.62	42.91	45.22	61.31	0	0	26.17	7.973	-0.001	12.55
2/14/2010 0:00	4957	9.6	340	11.32	17.1	6.183	335.3	16.4	13.52	45.37	43.41	53.35	60.66	0	0	26.17	7.97	-0.003	12.45
2/14/2010 1:00	4958	6.254	338.7	14.27	9.95	2.229	352.8	15.97	6.368	48.4	42.18	46.7	62.7	0	0	26.17	7.967	-0.003	14.02
2/14/2010 2:00	4959	6.604	310.9	23.46	11.74	3.717	304.4	38.91	8.16	40.63	38.31	63.33	71.84	0	0	26.16	7.961	-0.006	12.19
2/14/2010 3:00	4960	8.97	324.2	7.088	13.52	5.963	326	8.79	9.95	42.29	40.47	57.39	64.9	0	0	26.15	7.961	0	12.31
2/14/2010 4:00	4961	7.865	322.2	12.01	11.74	4.38	322.5	13.84	8.16	45.15	41.86	48.57	57.52	0	0	26.15	7.958	-0.003	12.34
2/14/2010 5:00	4962	7.619	302.7	8.48	9.95	3.591	305.1	16.52	6.368	40.95	37.66	56.76	66.38	0	0	26.14	7.958	0	12.22
2/14/2010 6:00	4963	9.07	304.6	8.15	13.52	5.348	308.5	8.1	9.95	40.33	37.96	59.85	67.83	0	0	26.13	7.954	-0.003	12.74
2/14/2010 7:00	4964	13.08	326	7.293	22.47	10.37	327.4	7.928	18.89	40.39	39.77	62.03	66.11	0	0	26.15	7.948	-0.006	12.27
2/14/2010 8:00	4965	14.35	343.2	12.37	22.47	11.05	341.4	13.42	20.68	37.76	37.67	66.19	69.64	0	6.72	26.17	7.945	-0.003	12.15
2/14/2010 9:00	4966	17.7	9.92	13.66	33.21	13.1	8.01	15.8	27.84	37.37	37.94	68.21	70.8	0	130.9	26.2	7.945	0	12.4
2/14/2010 10:00	4967	20.51	32.41	10.71	33.21	12.59	31.57	11.73	27.84	41.07	41.8	69.25	71.52	0	325.5	26.26	7.942	-0.003	12.79
2/14/2010 11:00	4968	19.51	32.21	10.88	31.42	12.23	31.27	12.2	26.05	44.48	45.43	67.29	68.93	0	503.7	26.33	7.941	-0.001	12.78
2/14/2010 12:00	4969	20.98	35.66	11.64	33.21	12.83	33.82	12.44	29.63	46.85	47.96	65.21	66.36	0	637.4	26.37	7.94	-0.001	12.8
2/14/2010 13:00	4970	24.62	30.1	11.04	38.57	16.06	28.83	12.3	34.99	45.65	46.9	68.57	69.54	0	523.6	26.4	7.93	-0.01	12.67
2/14/2010 14:00	4971	22.39	28	10.07	40.36	15.1	26.23	11.22	33.21	40	41.05	79.87	81.7	0	184.9	26.39	7.923	-0.007	12.64
2/14/2010 15:00	4972	19.56	36.62	11.14	31.42	11.78	34.89	11.42	26.05	36.42	37.26	85.8	88.5	0	71.18	26.37	7.92	-0.003	12.64
2/14/2010 16:00	4973	18.44	33.69	10.75	27.84	11.25	32.45	11.56	26.05	36.05	36.91	81.4	84	0	130.4	26.37	7.916	-0.004	12.59
2/14/2010 17:00	4974	15.02	41.92	11.03	24.26	8.95	39.43	11.37	20.68	37.35	38.13	72.78	75.08	0	98.5	26.38	7.91	-0.007	12.68
2/14/2010 18:00	4975	14.15	42.04	11.76	22.47	8.52	40.1	12.28	18.89	38.59	39.22	64.4	66.31	0	60.76	26.4	7.906	-0.003	12.64
2/14/2010 19:00	4976	14.2	39.64	10.67	26.05	8.23	37.62	10.43	18.89	38.06	38.46	57.14	58.73	0	8.01	26.41	7.904	-0.003	12.37
2/14/2010 20:00	4977	12.14	29.86	9.03	18.89	7.608	28.6	10.06	17.1	36.08	36.51	57.46	58.95	0	0	26.43	7.897	-0.006	12.35
2/14/2010 21:00	4978	14.07	28.77	8.9	20.68	9.04	27.24	10.08	18.89	33.98	34.45	60.63	62.33	0	0	26.43	7.894	-0.003	12.47
2/14/2010 22:00	4979	13.46	24.93	8.51	22.47	9.36	23.35	10.3	17.1	32.89	33.33	59.13	60.6	0	0	26.45	7.891	-0.003	12.37
2/14/2010 23:00	4980	13.21	24.53	8.6	20.68	9.14	23.59	10.68	18.89	32.65	32.98	57.52	58.85	0	0	26.46	7.888	-0.003	12.2

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/15/2010 0:00	4981	13.78	22.82	9.55	24.26	9.72	22.28	11.25	20.68	32.11	32.49	56.85	58.01	0	0	26.47	7.885	-0.003	12.18
2/15/2010 1:00	4982	12.24	26.81	9.86	29.63	8.28	25.54	11.12	24.26	31.23	31.72	55.11	56.28	0	0	26.48	7.882	-0.003	12.54
2/15/2010 2:00	4983	9.17	32.6	11.97	13.52	5.842	31.05	12.81	13.52	30.83	31.3	55.99	57.41	0	0	26.48	7.882	0.001	12.24
2/15/2010 3:00	4984	5.767	39.33	17.87	11.74	3.624	38.92	17.26	8.16	30.55	31.02	58.24	60.05	0	0	26.48	7.883	0	12.66
2/15/2010 4:00	4985	4.634	12.3	14.45	8.16	3.394	8.8	15.9	6.368	30.43	30.98	57.97	59.9	0	0	26.47	7.88	-0.003	12.31
2/15/2010 5:00	4986	4.9	354	12.67	8.16	3.694	349.6	14.75	8.16	30.14	30.69	59.31	61.87	0	0	26.46	7.879	0	12.23
2/15/2010 6:00	4987	3.73	318.4	18.88	6.368	2.241	311.6	23.85	4.578	29.65	29.9	61.24	66.76	0	0	26.45	7.88	0.001	12.33
2/15/2010 7:00	4988	4.146	293.8	10.18	6.368	2.164	309	11.94	4.578	28.82	28.45	66.42	74.22	0	0	26.46	7.881	0	12.78
2/15/2010 8:00	4989	5.705	321.1	9.48	8.16	3.616	326.2	7.995	6.368	27.61	26.97	70.59	78.43	0	5.507	26.45	7.881	0	12.18
2/15/2010 9:00	4990	6.02	326.1	8.98	8.16	4.795	326.4	10.24	8.16	30.08	30.85	65.36	69.5	0	137.8	26.46	7.88	-0.001	13.39
2/15/2010 10:00	4991	5.537	324.9	39.17	9.95	4.469	324.6	36.23	8.16	34.34	35.44	50.94	51.91	0	337.7	26.51	7.88	0	12.56
2/15/2010 11:00	4992	4.166	3.002	36.37	9.95	3.442	359.4	38.73	9.95	38.11	39.32	40.68	40.92	0	519.8	26.57	7.878	-0.002	12.58
2/15/2010 12:00	4993	3.161	341.1	40.31	9.95	2.672	338	48.32	9.95	41.97	42.71	35.68	35.77	0	655.1	26.6	7.876	-0.002	12.83
2/15/2010 13:00	4994	4.464	289.4	81.6	13.52	3.704	282.1	79.57	13.52	43.87	44.51	34.91	34.09	0	730.4	26.6	7.867	-0.01	12.38
2/15/2010 14:00	4995	4.988	336.8	75.05	11.74	4.015	335.6	74.45	11.74	45.34	45.97	35.87	35.15	0	741.1	26.57	7.866	-0.001	12.68
2/15/2010 15:00	4996	5.236	232.5	50.27	13.52	4.321	235	52.81	13.52	46.69	47.13	36.42	34.95	0	679.1	26.54	7.865	0	12.55
2/15/2010 16:00	4997	5.168	236	34.09	9.95	4.427	236.2	37.33	9.95	46.92	47.31	36.31	34.81	0	515.8	26.52	7.863	-0.002	12.64
2/15/2010 17:00	4998	4.013	318.7	68.14	9.95	3.659	319.9	64.06	9.95	47.72	48.46	35.43	34.51	0	419.6	26.49	7.854	-0.009	12.71
2/15/2010 18:00	4999	2.863	203	59.02	8.16	2.414	211.5	56.51	8.16	48.07	48.72	34.9	33.62	0	228.7	26.47	7.841	-0.013	12.68
2/15/2010 19:00	5000	2.691	193.2	22.75	6.368	1.44	196.8	23.61	6.368	44.09	43.81	38.61	39.52	0	27.73	26.45	7.833	-0.008	12.33
2/15/2010 20:00	5001	3.882	75.3	17.44	6.368	2.067	74.63	16.56	6.368	41.59	39.35	44.75	53.28	0	0	26.41	7.825	-0.008	12.31
2/15/2010 21:00	5002	3.894	109.6	10.71	6.368	2.041	77.5	10.74	4.578	38.96	36.71	49.3	60.66	0	0	26.38	7.818	-0.007	12.24
2/15/2010 22:00	5003	3.675	146.8	9.66	6.368	0.727	93.4	7.704	4.578	37.03	34.58	51.07	61.54	0	0	26.37	7.815	-0.003	12.35
2/15/2010 23:00	5004	2.132	178.1	15.97	4.578	0.052	85.7	0.306	2.789	37.05	35.67	49.81	57.91	0	0	26.37	7.812	-0.003	12.37
2/16/2010 0:00	5005	0.807	255.6	11.14	2.789	0	0	0	0	35.99	34.71	52.83	63.1	0	0	26.37	7.809	-0.003	12.41
2/16/2010 1:00	5006	0	0	0	0	1.504	70.37	8.12	2.789	34.96	33.06	53.82	70.22	0	0	26.37	7.807	-0.002	12.35
2/16/2010 2:00	5007	1.901	355	23.32	15.31	0.934	37.99	7.337	15.31	35.7	32.77	52.26	75.7	0	0	26.37	7.807	0.001	12.61
2/16/2010 3:00	5008	7.769	62.24	11.21	13.52	5.159	60.34	13.92	9.95	32.68	32.66	67.7	72.33	0	0	26.38	7.804	-0.004	12.24
2/16/2010 4:00	5009	7.612	63	8.22	11.74	5.338	61.61	9.99	9.95	30.91	30.74	66.61	70.89	0	0	26.39	7.8	-0.003	12.2
2/16/2010 5:00	5010	7.757	68.19	6.195	11.74	5.213	63.49	9.76	8.16	29.99	29.78	66.4	71.18	0	0	26.38	7.798	-0.002	12.32
2/16/2010 6:00	5011	7.254	63.96	6.693	9.95	4.783	61.77	9.23	8.16	28.88	28.62	66.38	71.31	0	0	26.38	7.798	0	12.19
2/16/2010 7:00	5012	6.694	58.27	6.161	8.16	4.331	57.31	8.32	6.368	28.52	28.22	66.47	71.83	0	0	26.39	7.795	-0.003	12.25
2/16/2010 8:00	5013	7.557	62.57	6.845	9.95	4.906	59.04	9.32	8.16	28.39	28.22	68.33	73.61	0	6.969	26.39	7.795	0	12.15
2/16/2010 9:00	5014	7.527	64.66	7.637	9.95	5.389	60.98	10.63	8.16	30.34	30.81	64.02	67.56	0	93.7	26.41	7.795	0	12.99
2/16/2010 10:00	5015	8.9	78.81	8.69	13.52	6.257	74.55	14.89	11.74	35.33	36.51	49.36	51	0	239.3	26.44	7.793	-0.003	12.58
2/16/2010 11:00	5016	7.806	92.5	13.89	13.52	5.807	89.2	18.72	9.95	38.68	39.97	42.08	42.27	0	272.4	26.48	7.79	-0.002	12.69
2/16/2010 12:00	5017	4.293	78.45	64.28	11.74	3.449	69.77	66.67	9.95	44.23	45	38.73	38.15	0	534.3	26.51	7.789	-0.002	12.38
2/16/2010 13:00	5018	4.145	177.1	74.03	11.74	3.338	181.3	77.1	11.74	46.64	46.98	37.16	35.94	0	524.1	26.53	7.791	0.002	12.52
2/16/2010 14:00	5019	4.155	118	45.77	9.95	3.273	118.9	52.94	8.16	46.75	47.49	36.62	35.21	0	399	26.52	7.787	-0.003	13.93
2/16/2010 15:00	5020	4.46	188.7	45.65	11.74	3.527	197.3	41.07	11.74	49.37	49.71	34.48	32.55	0	565.7	26.49	7.787	0	12.24
2/16/2010 16:00	5021	5.425	174.2	46	13.52	4.186	180.8	47.92	11.74	50.29	51.16	32.83	30.38	0	579.7	26.49	7.78	-0.008	13.85
2/16/2010 17:00	5022	5.245	173.2	47.5	9.95	4.125	178.9	51.32	9.95	50.49	51.34	31.38	29.04	0	410.7	26.48	7.773	-0.006	12.28
2/16/2010 18:00	5023	4.66	178.3	64.17	9.95	3.669	182.2	67.22	8.16	50.11	50.97	31.43	29.64	0	213	26.46	7.762	-0.011	12.45
2/16/2010 19:00	5024	5.77	118.7	18.41	9.95	3.395	114	24.01	6.368	46.21	45.67	36.56	38.25	0	29.51	26.44	7.753	-0.009	12.36
2/16/2010 20:00	5025	7.315	110.6	6.464	9.95	3.505	95.6	9.74	6.368	41.03	37.73	44.52	53.04	0	0	26.4	7.745	-0.008	12.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
2/16/2010 21:00	5026	7.426	119.1	6.587	9.95	3.508	102.1	11.34	6.368	37.69	35.21	48.84	56.36	0	0	26.37	7.735	-0.01	12.55	
2/16/2010 22:00	5027	7.864	101.8	16.56	11.74	4.182	90	15.43	8.16	35.82	33.77	53.76	61.1	0	0	26.36	7.729	-0.006	12.31	
2/16/2010 23:00	5028	7.874	85.5	7.467	11.74	4.286	80.8	11.9	8.16	33.74	32.57	60.36	66.49	0	0	26.37	7.73	0.001	12.22	
2/17/2010 0:00	5029	7.096	104.7	8.89	9.95	3.875	93	13.21	6.368	32.94	31.13	59.22	67.45	0	0	26.36	7.725	-0.005	12.32	
2/17/2010 1:00	5030	7.751	121	7.452	13.52	3.82	110.9	12.27	8.16	33.45	31.88	53.38	59.94	0	0	26.36	7.722	-0.003	12.27	
2/17/2010 2:00	5031	6.814	125.3	6.119	8.16	2.755	106.5	9.49	4.578	32.24	30.1	52.61	60.83	0	0	26.35	7.722	0	12.17	
2/17/2010 3:00	5032	3.939	179.3	42.62	8.16	1.456	187.6	58.22	4.578	30.94	29.31	54.22	61.44	0	0	26.34	7.722	0	12.27	
2/17/2010 4:00	5033	0.792	237.4	4.216	4.578	0.225	258.7	0.978	2.789	30.18	28.59	55.3	64.62	0	0	26.33	7.722	0	12.36	
2/17/2010 5:00	5034	1.556	114.5	10.39	6.368	1.533	58.02	47.78	4.578	30.72	29.01	54.36	64.46	0	0	26.32	7.722	0	12.72	
2/17/2010 6:00	5035	3.914	112.7	8.45	6.368	2.578	70.93	8.32	4.578	32.12	29.51	52.54	63.7	0	0	26.32	7.722	0	12.45	
2/17/2010 7:00	5036	1.45	112.6	6.75	4.578	0.669	73.3	4.837	2.789	30.36	29.14	55.62	63.35	0	0	26.32	7.722	0	12.21	
2/17/2010 8:00	5037	1.357	160.1	6.473	6.368	0.14	84.7	2.667	2.789	30.15	28.94	55.49	61.89	0	8.65	26.32	7.722	0	12.27	
2/17/2010 9:00	5038	5.397	196.9	16.27	9.95	3.3	203.3	19.46	8.16	34.1	34.66	56.67	59.56	0	145.7	26.35	7.721	-0.002	12.28	
2/17/2010 10:00	5039	8.46	208.2	11.05	15.31	6.429	213.4	13.89	11.74	40.5	41.45	51.12	50.98	0	344.8	26.41	7.72	0	14.47	
2/17/2010 11:00	5040	9.81	204.8	11.95	17.1	7.53	209	14.96	13.52	45.74	46.95	45.39	44.04	0	525.7	26.46	7.709	-0.012	12.5	
2/17/2010 12:00	5041	10.49	211.1	11.72	17.1	8.15	216.2	15.42	15.31	50.86	51.97	40.79	39.03	0	659.6	26.48	7.705	-0.004	12.44	
2/17/2010 13:00	5042	11.37	211.4	14.35	18.89	8.82	215.5	17.66	15.31	54.95	56.12	36.98	34.68	0	735.2	26.48	7.703	-0.002	12.54	
2/17/2010 14:00	5043	12.51	203	13.45	20.68	9.42	206.3	16.37	17.1	57.19	58.87	35.01	32.12	0	747.7	26.47	7.696	-0.007	12.53	
2/17/2010 15:00	5044	10.6	215.1	16.44	18.89	8.33	219.8	18.14	17.1	58.75	59.86	33.76	31.09	0	696.4	26.45	7.686	-0.01	12.65	
2/17/2010 16:00	5045	10.63	204.5	15.48	18.89	8.15	207.5	18.64	15.31	59.61	60.8	32.39	29.67	0	585.7	26.43	7.68	-0.006	13.51	
2/17/2010 17:00	5046	11.37	198.1	14.19	22.47	8.35	202	16.8	20.68	59.46	60.85	31.55	28.85	0	420.7	26.4	7.668	-0.013	12.68	
2/17/2010 18:00	5047	10.92	196.1	14.11	18.89	7.705	199.3	15.89	15.31	58.99	59.95	31.22	29.04	0	222	26.38	7.652	-0.015	12.64	
2/17/2010 19:00	5048	7.598	177.6	11.02	15.31	4.045	175.1	18.51	11.74	55.12	54.05	34.27	34.68	0	31.67	26.35	7.638	-0.014	12.28	
2/17/2010 20:00	5049	6.952	142.3	9.75	9.95	2.963	104.6	11.47	4.578	49.72	45.67	39.8	46.16	0	0.001	26.31	7.631	-0.008	12.47	
2/17/2010 21:00	5050	7.621	135.9	5.643	11.74	3.274	109.1	19.93	6.368	46.48	42.46	44.49	52.32	0	0	26.28	7.625	-0.006	12.24	
2/17/2010 22:00	5051	7.551	145.2	7.064	11.74	3.276	132.3	14.18	6.368	43.08	40.54	51.47	57.13	0	0	26.28	7.621	-0.004	12.19	
2/17/2010 23:00	5052	7.922	160.1	8.97	13.52	3.818	158.2	14.98	8.16	41.28	39.57	57.33	62.3	0	0	26.27	7.618	-0.003	12.35	
2/18/2010 0:00	5053	7.655	172.3	8.21	11.74	3.819	177.5	12.59	8.16	41.42	39.74	58.93	63.97	0	0	26.26	7.615	-0.003	12.98	
2/18/2010 1:00	5054	6.912	176.3	8.15	15.31	3.585	181.3	12.46	11.74	40.7	39.46	60.41	64.66	0	0	26.25	7.612	-0.003	12.52	
2/18/2010 2:00	5055	5.364	181.3	11.55	8.16	1.954	191.4	13.36	4.578	38.51	36.66	64.48	70.48	0	0	26.24	7.605	-0.006	12.2	
2/18/2010 3:00	5056	5.89	179.9	8.47	8.16	2.345	186.3	12.47	4.578	37.59	35.64	67	73.76	0	0	26.22	7.602	-0.003	12.24	
2/18/2010 4:00	5057	5.689	187.9	9.91	9.95	2.785	196.8	14.41	6.368	36.97	35.32	68.2	74.63	0	0	26.2	7.6	-0.003	12.28	
2/18/2010 5:00	5058	5.425	191.2	7.568	8.16	2.05	198.5	10.73	4.578	36.1	33.96	69.39	76.89	0	0	26.19	7.597	-0.003	12.18	
2/18/2010 6:00	5059	3.762	201.9	10.49	6.368	0.218	228.6	7.982	2.789	34.67	32.12	71.72	80.5	0	0	26.18	7.598	0.001	12.21	
2/18/2010 7:00	5060	4.033	217.4	8.58	6.368	0.185	242.7	3.627	2.789	33.53	31.08	74.43	83.3	0	0	26.18	7.598	0	12.21	
2/18/2010 8:00	5061	3.611	217.6	11.08	6.368	0.115	285.1	3.935	2.789	33.85	30.99	74.23	84.4	0	9.67	26.18	7.598	0	12.18	
2/18/2010 9:00	5062	4.093	221.4	17.23	8.16	2.454	226.9	19.24	6.368	37.56	37.98	70.66	73.49	0	147.2	26.2	7.593	-0.005	13.4	
2/18/2010 10:00	5063	10.25	186.4	11.49	17.1	7.289	190.9	15.17	13.52	44.99	46.12	57.86	57.53	0	344.1	26.26	7.593	0	13.65	
2/18/2010 11:00	5064	9.7	192.4	12.83	13.52	7.262	195.4	15.84	11.74	50.76	52.02	49.44	47.63	0	526.6	26.31	7.591	-0.002	12.74	
2/18/2010 12:00	5065	9.9	196	14.84	17.1	7.617	200.4	18.1	13.52	56.26	57.53	42.39	39.94	0	660.7	26.34	7.593	0.002	12.61	
2/18/2010 13:00	5066	11.61	190.4	16.8	18.89	8.65	194	19.89	15.31	60.27	61.84	37.58	34.62	0	736.7	26.35	7.591	-0.001	12.6	
2/18/2010 14:00	5067	13.5	183.3	14.39	20.68	9.86	187.1	17.81	18.89	62.62	64.36	34.58	31.25	0	747	26.32	7.578	-0.013	12.8	
2/18/2010 15:00	5068	13.72	183.1	15.43	26.05	9.94	186.3	18.81	18.89	64.34	66.06	33.64	30.24	0	692.9	26.3	7.568	-0.01	12.51	
2/18/2010 16:00	5069	13.22	194.3	15.03	20.68	9.77	198	17.63	18.89	65.29	66.72	33.25	30.12	0	578.9	26.28	7.555	-0.013	12.97	
2/18/2010 17:00	5070	13.56	188.4	14.45	22.47	9.7	191.4	16.81	18.89	66.18	67.47	32.06	29.17	0	412.4	26.26	7.541	-0.015	12.6	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/18/2010 18:00	5071	12.87	185.2	14.59	20.68	8.91	188.5	17.19	15.31	65.72	66.4	32.16	29.93	0	211.6	26.24	7.525	-0.016	12.57
2/18/2010 19:00	5072	10.73	161.9	8.9	17.1	6.497	163.4	13.81	13.52	61.32	60.57	36.37	36.2	0	30.5	26.22	7.485	-0.04	12.38
2/18/2010 20:00	5073	12.34	158	7.644	20.68	7.545	159.1	12.32	15.31	55.19	54.23	46	47.05	0	0.002	26.19	7.477	-0.008	12.18
2/18/2010 21:00	5074	12.75	161.6	8.57	20.68	7.946	164	12.95	17.1	51.68	51.14	57.34	58.74	0	0	26.17	7.465	-0.011	12.43
2/18/2010 22:00	5075	12.43	171.8	8.87	22.47	7.86	176.2	13.26	15.31	48.85	48.46	68.06	70.56	0	0	26.16	7.457	-0.008	12.28
2/18/2010 23:00	5076	10.37	179.3	14.54	17.1	6.61	183.4	17.87	11.74	46.51	46.09	76.62	80	0	0	26.15	7.451	-0.006	12.85
2/19/2010 0:00	5077	9.75	183.3	10.12	18.89	6.148	188	13.98	11.74	44.49	44.05	84.8	88.8	0	0	26.14	7.447	-0.003	12.27
2/19/2010 1:00	5078	8.49	191.1	9.61	18.89	5.43	196.1	13.14	13.52	42.55	42.16	90.3	94.7	0	0	26.13	7.445	-0.003	13.85
2/19/2010 2:00	5079	8.12	185.5	9.38	13.52	5.08	189	13.48	9.95	40.9	40.49	94.7	98.6	0	0	26.12	7.443	-0.001	12.69
2/19/2010 3:00	5080	7.142	191.5	10.44	9.95	4.175	196.4	15.22	8.16	39.31	38.7	98.3	99.3	0	0	26.11	7.444	0	12.64
2/19/2010 4:00	5081	6.729	200	8.97	9.95	4.131	204.4	12.52	8.16	38.5	38.01	99.8	99.3	0	0	26.1	7.44	-0.003	12.29
2/19/2010 5:00	5082	6.027	233.5	26.72	11.74	3.791	241.1	28.88	8.16	37.26	36.76	99.9	99.3	0	0	26.09	7.44	0	12.3
2/19/2010 6:00	5083	5.68	232.5	15.64	9.95	4.058	235.7	16.72	8.16	37.13	37.27	99.9	99.3	0	0	26.1	7.44	0	12.2
2/19/2010 7:00	5084	5.067	244	13.1	9.95	3.853	246.3	14.27	8.16	37.15	37.38	99.9	99.3	0	0	26.11	7.437	-0.003	12.35
2/19/2010 8:00	5085	6.815	237.7	9.82	9.95	5.384	239.2	10.44	9.95	37.24	37.54	99.9	99.3	0	5.863	26.13	7.437	0	12.34
2/19/2010 9:00	5086	8.14	231.7	9.22	11.74	6.335	232.7	9.86	9.95	37.32	37.77	99.9	99.3	0	76.56	26.15	7.437	0	12.39
2/19/2010 10:00	5087	8.77	231.4	10.67	13.52	7.011	232.5	12.2	11.74	39.66	40.26	99.9	99.3	0	252.7	26.17	7.435	-0.002	12.53
2/19/2010 11:00	5088	8.14	240.7	13.07	11.74	6.832	240.8	14.35	11.74	47.11	48.72	94.8	90.2	0	523.6	26.22	7.436	0.001	12.47
2/19/2010 12:00	5089	9.21	264.6	19.02	15.31	7.676	265.7	22.58	15.31	61.29	62.11	46.95	45.67	0	664	26.28	7.437	0	12.28
2/19/2010 13:00	5090	11.64	271.4	16.94	20.68	9.7	271.1	19.31	18.89	66.18	67.19	30.71	28.52	0	730.4	26.3	7.436	-0.001	12.45
2/19/2010 14:00	5091	13.98	263.7	16.95	22.47	11.49	263	18.39	18.89	67.8	68.9	24.89	21.94	0	758.1	26.29	7.435	-0.001	12.51
2/19/2010 15:00	5092	12.57	262.3	19.34	22.47	10.46	262.9	20.7	20.68	69.3	70.23	22.85	19.74	0	734.7	26.28	7.403	-0.032	12.38
2/19/2010 16:00	5093	12.48	251.7	19.86	22.47	10.04	252.3	21.4	18.89	69.41	70.23	22.43	19.4	0	506.1	26.26	7.39	-0.013	12.56
2/19/2010 17:00	5094	10.76	255.2	22.54	24.26	8.64	255.3	24.23	22.47	69.03	69.67	23.15	20.39	0	318.7	26.24	7.372	-0.018	12.69
2/19/2010 18:00	5095	15.05	236.1	15.29	24.26	11.45	236.2	15.57	20.68	68.12	68.4	23.81	21.4	0	187.8	26.23	7.35	-0.022	12.68
2/19/2010 19:00	5096	9.1	229.7	8.5	18.89	5.776	229.8	9.48	15.31	63.3	62.11	27.98	27.72	0	19.81	26.22	7.332	-0.018	12.47
2/19/2010 20:00	5097	6.91	205.7	7.695	9.95	2.602	196.7	15.68	6.368	59.86	55.71	31.39	35.64	0	0	26.2	7.324	-0.008	12.26
2/19/2010 21:00	5098	7.256	230	19.58	11.74	4.1	229.1	20.65	8.16	57.72	55.94	34.88	36.86	0	0	26.18	7.319	-0.005	12.24
2/19/2010 22:00	5099	5.603	253.2	14.54	9.95	2.163	259.6	22.19	6.368	54.36	51.5	38.57	42.75	0	0	26.18	7.313	-0.006	12.46
2/19/2010 23:00	5100	5.627	235.4	45.19	15.31	2.209	217.2	69.97	9.95	51.81	47.15	41.54	50.98	0	0	26.17	7.308	-0.005	12.26
2/20/2010 0:00	5101	11.08	176.4	7.696	18.89	6.385	178.3	12.63	11.74	49.58	48.25	65.01	68.09	0	0	26.16	7.301	-0.006	12.23
2/20/2010 1:00	5102	8.89	191.1	9.28	20.68	5.619	195.1	12.59	13.52	46.83	46.17	86.7	90.7	0	0	26.15	7.286	-0.016	12.34
2/20/2010 2:00	5103	6.24	205.4	8.47	9.95	3.463	211.9	12.21	8.16	44.12	43.12	94.2	98	0	0	26.14	7.283	-0.003	12.19
2/20/2010 3:00	5104	5.414	217.5	10.97	9.95	2.666	229.3	15.15	6.368	41.56	40.54	99.1	99.3	0	0	26.13	7.278	-0.005	12.2
2/20/2010 4:00	5105	8.04	207.9	15.44	17.1	5.23	213.7	20.94	15.31	42.45	42.22	99.9	99.3	0	0	26.12	7.272	-0.006	13.93
2/20/2010 5:00	5106	9.35	197.3	9.66	15.31	6.514	201.5	12.65	11.74	44.18	44.38	99.9	99.3	0	0	26.12	7.27	-0.002	12.27
2/20/2010 6:00	5107	10.73	188.5	9.65	15.31	7.189	192.7	13.58	13.52	44.67	44.88	99.9	99.3	0	0	26.13	7.27	0	12.16
2/20/2010 7:00	5108	11.35	186.2	9.76	17.1	7.603	189.9	13.78	13.52	44.66	44.94	99.9	99.3	0	0	26.15	7.27	0	12.19
2/20/2010 8:00	5109	10.47	184.2	9.22	17.1	7.085	188.8	12.68	13.52	44.64	44.99	99.9	99.3	0	3.563	26.16	7.27	0	12.56
2/20/2010 9:00	5110	11.66	182.5	8.77	18.89	7.809	186.3	12.6	13.52	45.59	46.23	99.9	99.3	0	68.23	26.17	7.27	0	12.27
2/20/2010 10:00	5111	10.84	183.5	13.93	17.1	7.822	187.5	17.96	13.52	49.31	50.71	91.6	90	0	359.8	26.19	7.268	-0.001	12.52
2/20/2010 11:00	5112	10.42	190.1	14.26	17.1	7.941	193.6	16.86	13.52	53.5	55.04	78.81	78.09	0	529.9	26.23	7.267	-0.001	12.66
2/20/2010 12:00	5113	11.38	201.2	13.28	17.1	8.83	204.2	15.91	15.31	58.53	60.11	64.63	62.7	0	664.1	26.24	7.269	0.001	12.61
2/20/2010 13:00	5114	13.02	198.8	14.76	20.68	9.74	201.8	17.1	17.1	63.19	65.02	50.25	47.06	0	740.1	26.24	7.268	-0.001	12.82
2/20/2010 14:00	5115	14.69	216.4	17.05	26.05	11.36	218.1	18.13	22.47	66.14	67.75	36.59	33.45	0	754.4	26.22	7.251	-0.017	12.46

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/20/2010 15:00	5116	14.23	208.3	18.22	22.47	10.76	210.9	19.49	22.47	67.46	69.19	35.58	32.21	0	703.9	26.19	7.232	-0.019	12.77
2/20/2010 16:00	5117	13.16	207.5	13.86	24.26	10.05	209.8	15.55	20.68	68.33	69.89	32.68	29.41	0	591.3	26.16	7.213	-0.019	13
2/20/2010 17:00	5118	13.19	204.5	13.42	27.84	9.81	207.1	15.66	20.68	68.51	69.89	30.29	27.22	0	424.6	26.14	7.191	-0.022	14.27
2/20/2010 18:00	5119	13.39	212.3	13.9	22.47	9.68	213.7	15.58	17.1	68.07	68.66	27.28	24.86	0	196.7	26.12	7.167	-0.024	12.74
2/20/2010 19:00	5120	5.898	213	16.83	15.31	2.943	215.8	20.55	13.52	63.86	62.66	30.55	30.58	0	11.13	26.1	7.152	-0.015	12.54
2/20/2010 20:00	5121	10.69	226.6	44.92	38.57	7.471	222.4	47.49	31.42	63.83	63.09	31.91	31.65	0	0	26.09	7.137	-0.015	12.6
2/20/2010 21:00	5122	8.18	163.4	14.46	17.1	4.508	163.7	21.52	11.74	58.62	57.88	59.68	60.97	0	0	26.08	7.134	-0.003	12.42
2/20/2010 22:00	5123	6.207	232.8	30.95	15.31	3.581	247.4	17.11	11.74	55.38	54.75	71.93	74.74	0	0	26.1	7.128	-0.006	12.56
2/20/2010 23:00	5124	8.09	208.5	14.52	26.05	5.422	213.2	15.76	24.26	55.95	55.65	74.24	77.39	0	0	26.1	7.126	-0.002	12.37
2/21/2010 0:00	5125	7.345	189.2	20.95	20.68	4.428	193.8	24.86	15.31	57.02	56.12	61.13	64.58	0	0	26.08	7.126	0	12.61
2/21/2010 1:00	5126	12.36	243	25.12	27.84	9.12	245.2	23.6	22.47	55.09	54.82	58.87	61.01	0	0	26.09	7.116	-0.009	14.13
2/21/2010 2:00	5127	9.63	246.2	10.36	17.1	6.991	246.5	11.2	13.52	53.29	53.18	53.88	54.71	0	0	26.09	7.11	-0.006	12.76
2/21/2010 3:00	5128	8.09	266.8	22.6	13.52	4.874	271.7	28.95	11.74	49.56	48.22	58.08	61.82	0	0	26.07	7.101	-0.008	12.19
2/21/2010 4:00	5129	11.39	270.1	20.4	20.68	8.17	271.4	24.25	17.1	46.44	45.67	55.51	58.08	0	0	26.06	7.098	-0.003	14.19
2/21/2010 5:00	5130	11.46	274.5	10.48	24.26	8.92	273.2	12.34	18.89	44.47	44.28	60.24	61.83	0	0	26.05	7.089	-0.009	12.34
2/21/2010 6:00	5131	12.4	275.8	9.21	24.26	9.54	275.4	10.78	18.89	43.73	43.58	62.5	64.28	0	0	26.06	7.086	-0.003	12.55
2/21/2010 7:00	5132	8.31	279.7	9.97	13.52	5.633	282.9	13.93	11.74	41.31	40.61	66.49	70.21	0	0	26.07	7.085	-0.001	13.13
2/21/2010 8:00	5133	8.75	284.3	10.31	13.52	5.587	289.1	13.99	9.95	39.97	38.93	68.5	73.42	0	12.41	26.08	7.082	-0.003	12.38
2/21/2010 9:00	5134	10.41	279.6	12.44	20.68	8.39	278.1	15.32	18.89	44.69	45.27	61.65	62.48	0	163.4	26.11	7.073	-0.008	12.23
2/21/2010 10:00	5135	15.68	278.9	11.88	24.26	12.79	278.3	13.95	20.68	49.76	50.67	55.1	54.53	0	363.5	26.17	7.072	-0.001	12.48
2/21/2010 11:00	5136	15.8	281.8	11.02	24.26	13.01	281.7	13.63	20.68	53.86	54.92	46.42	45.07	0	443.5	26.2	7.071	-0.001	12.57
2/21/2010 12:00	5137	15.74	295.4	16.17	27.84	13.01	297.1	18.34	24.26	55.64	56.5	40.15	38.72	0	396	26.21	7.061	-0.01	12.71
2/21/2010 13:00	5138	12.25	295.1	18.59	22.47	10.22	296	20.67	20.68	57.56	58.4	36.33	34.62	0	472	26.2	7.061	0	12.59
2/21/2010 14:00	5139	10.91	256.9	16.66	22.47	8.86	256.4	17.54	18.89	58.92	59.96	37.45	35.17	0	493.1	26.2	7.054	-0.007	12.64
2/21/2010 15:00	5140	12.31	247.3	14.42	22.47	9.92	247.9	15.35	20.68	59.89	60.96	36.81	34.41	0	592	26.19	7.044	-0.01	12.84
2/21/2010 16:00	5141	12.33	245.1	19.48	24.26	9.91	244.6	20.77	20.68	61.33	62.5	30.06	27.12	0	653.3	26.19	7.034	-0.01	12.7
2/21/2010 17:00	5142	10.12	254.3	24.74	18.89	8.31	253.8	25.27	15.31	61.41	62.41	31.35	28.75	0	387.8	26.18	7.015	-0.019	12.63
2/21/2010 18:00	5143	9.34	235.1	28.24	20.68	7.311	236.7	29.11	17.1	61.15	61.91	34.24	32.2	0	216.1	26.17	7	-0.015	12.72
2/21/2010 19:00	5144	8.38	222.9	9.02	15.31	5.594	223.9	10.9	13.52	58.2	57.86	36.16	35.82	0	21.48	26.16	6.969	-0.03	12.71
2/21/2010 20:00	5145	6.914	182.7	22.43	9.95	3.248	162.2	37.73	6.368	54.33	51.68	39.63	43.77	0	0.001	26.14	6.957	-0.012	12.37
2/21/2010 21:00	5146	6.166	256.4	47.36	13.52	3.275	279.7	50.79	9.95	53.38	51.39	42.08	45.73	0	0	26.13	6.951	-0.006	12.26
2/21/2010 22:00	5147	6.462	293.9	70.45	22.47	3.988	316.1	69.72	18.89	52.28	50.83	46.65	49.38	0	0	26.13	6.946	-0.005	12.59
2/21/2010 23:00	5148	13.23	78.26	17.86	22.47	9.25	76.6	21.83	17.1	43.52	43.87	72.8	74.54	0	0	26.14	6.943	-0.003	12.41
2/22/2010 0:00	5149	11.49	93.2	13.62	20.68	7.902	90.9	18.98	17.1	40.26	40.35	78.93	81.7	0	0	26.12	6.931	-0.012	12.47
2/22/2010 1:00	5150	15.43	80.7	10.48	26.05	10.36	78.53	15.43	18.89	37.62	37.91	85.4	88.2	0	0	26.1	6.926	-0.005	12.2
2/22/2010 2:00	5151	16.65	72.47	9.7	24.26	11.8	70.4	13.9	20.68	35.22	35.71	90.5	93.4	0	0	26.11	6.92	-0.006	12.29
2/22/2010 3:00	5152	13.74	90.3	8.5	24.26	9.62	89.9	14.04	17.1	34.28	34.89	91.2	93.9	0	0	26.11	6.917	-0.003	12.82
2/22/2010 4:00	5153	12.22	89.2	9.56	18.89	8.52	87.9	15.23	15.31	33.27	33.92	92.3	94.9	0	0	26.1	6.911	-0.006	12.5
2/22/2010 5:00	5154	10.79	85.6	9.45	18.89	7.585	83.9	15.17	13.52	32.48	33.19	93.2	95.7	0	0	26.09	6.904	-0.006	12.22
2/22/2010 6:00	5155	9.86	95.7	11.68	15.31	7.159	95.4	16.97	13.52	32.04	32.75	94.2	96.7	0	0	26.09	6.904	0	12.22
2/22/2010 7:00	5156	11.03	82.9	11.92	17.1	7.806	80.6	17.43	15.31	31.54	32.27	94.8	97.2	0	0	26.09	6.901	-0.003	12.79
2/22/2010 8:00	5157	10.57	87.3	12.08	15.31	7.536	85.8	16.84	13.52	30.76	31.52	95.1	97.5	0	4.938	26.1	6.902	0.001	12.41
2/22/2010 9:00	5158	10.2	88.5	11.58	15.31	7.399	87.5	17.03	11.74	30.51	31.4	95.1	97.2	0	42.85	26.11	6.899	-0.003	12.17
2/22/2010 10:00	5159	9.11	94.3	14.94	13.52	6.676	92.8	20.67	11.74	31.78	32.89	92.1	93.9	0	102	26.12	6.898	-0.001	12.65
2/22/2010 11:00	5160	9.66	103.8	15.35	15.31	7.301	102.7	20.37	13.52	34.03	35.66	87.8	88.2	0	272.5	26.12	6.898	0	12.22

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/22/2010 12:00	5161	8.82	94	16.96	17.1	6.773	91.2	22.69	11.74	37.11	39	81.8	81.4	0	383.5	26.14	6.893	-0.005	12.47
2/22/2010 13:00	5162	9.84	100.4	16.54	17.1	7.613	99.4	21.81	13.52	39.84	41.85	76.62	75.48	0	489	26.14	6.889	-0.004	12.18
2/22/2010 14:00	5163	10.25	93.8	14.39	17.1	7.841	92	19.68	13.52	41.25	43.2	73.51	72.33	0	390.8	26.13	6.883	-0.006	12.18
2/22/2010 15:00	5164	11.17	91.9	12.92	18.89	8.24	89	18.73	17.1	41.58	43.37	72.31	71.49	0	293	26.09	6.88	-0.003	12.69
2/22/2010 16:00	5165	10.96	93	15.07	18.89	8.07	90.8	19.53	17.1	42.38	44.31	70.51	69.31	0	332.7	26.08	6.876	-0.003	12.32
2/22/2010 17:00	5166	15.8	85.7	9.56	22.47	11.18	84.2	15.83	18.89	41.58	43.54	70.45	69.38	0	312.3	26.07	6.87	-0.006	12.36
2/22/2010 18:00	5167	15.45	87.9	10.85	22.47	10.99	87	16.39	18.89	40.98	42.72	70.21	69.51	0	221.7	26.07	6.861	-0.01	14.22
2/22/2010 19:00	5168	17.73	83.6	7.445	26.05	11.8	82.1	13.55	20.68	37.49	38.18	74.62	76	0	21.92	26.06	6.851	-0.01	12.4
2/22/2010 20:00	5169	18.08	85.3	8.28	27.84	12.21	83.6	14.24	22.47	34.14	34.69	79.81	82.2	0	0	26.05	6.85	-0.001	12.31
2/22/2010 21:00	5170	19.43	71.81	11.02	29.63	13.59	69.14	14.64	24.26	32.11	32.65	83.1	85.8	0	0	26.06	6.847	-0.003	12.26
2/22/2010 22:00	5171	19.95	63.65	8.81	29.63	14.36	61.74	11.7	26.05	30.14	30.62	89.4	95.4	0	0	26.07	6.848	0.001	12.2
2/22/2010 23:00	5172	19.03	62.6	8.39	29.63	13.7	61.14	11.74	22.47	29.19	29.71	90	94.7	0	0	26.1	6.848	0	12.34
2/23/2010 0:00	5173	16.82	61.58	10.39	27.84	11.66	59.42	13.17	20.68	27.81	28.36	93.5	97.9	0.01	0	26.12	6.849	0.001	12.16
2/23/2010 1:00	5174	17.35	46.25	8.93	36.78	10.11	43.29	10.34	20.68	27.3	27.82	92.2	97.7	0	0	26.13	6.849	0	12.19
2/23/2010 2:00	5175	18.34	39.62	9.71	29.63	10.49	38.36	9.88	24.26	26.49	26.95	89.5	94.9	0	0	26.14	6.849	0	12.38
2/23/2010 3:00	5176	15.39	31.39	11.19	26.05	9.53	30.56	11.93	20.68	25.55	26.06	89.9	95.2	0	0	26.17	6.849	0	12.73
2/23/2010 4:00	5177	15.66	24.7	9.91	26.05	10.86	23.81	11.19	24.26	24.75	25.28	89.6	95.8	0	0	26.17	6.846	-0.003	12.2
2/23/2010 5:00	5178	13.96	19.7	10.66	24.26	10.44	19.08	11.38	24.26	24.33	24.86	90	96.5	0	0	26.17	6.846	0	12.3
2/23/2010 6:00	5179	13.23	8.49	11	22.47	10.01	8.3	12.67	22.47	23.77	24.41	89.9	96.4	0.01	0	26.19	6.846	0	12.28
2/23/2010 7:00	5180	11.83	1.366	11.01	20.68	8.66	0.337	11.34	17.1	23.32	23.95	90.5	96.4	0	0	26.23	6.846	0	12.22
2/23/2010 8:00	5181	11.47	358.5	10.37	20.68	8.5	357.6	10.82	17.1	23.21	23.84	91.2	96.7	0	4.159	26.26	6.846	0	12.18
2/23/2010 9:00	5182	11.21	354.8	10.73	17.1	8.4	353.5	12.55	15.31	23.77	24.45	90.1	96.1	0	70.74	26.28	6.846	0	12.19
2/23/2010 10:00	5183	13.88	358.1	8.85	22.47	10.5	355.9	11.4	17.1	26.01	26.77	83.7	92.8	0	316	26.31	6.849	0.003	12.18
2/23/2010 11:00	5184	13.42	4.144	11.53	20.68	10.17	3.001	13.12	18.89	28.66	29.5	76.48	84.1	0	557.4	26.35	6.86	0.01	13.79
2/23/2010 12:00	5185	14.86	353.3	11.36	26.05	11.53	351.4	13.99	26.05	30.12	31.5	72.42	77.43	0	586.1	26.39	6.901	0.041	12.22
2/23/2010 13:00	5186	15.96	351.5	11.62	24.26	12.62	349.7	14.12	24.26	31.63	33.45	65.14	70.2	0.01	691.1	26.4	6.937	0.036	12.6
2/23/2010 14:00	5187	14.03	346.6	14.14	22.47	11.39	344.8	15.6	18.89	32.84	34.78	60.2	64.05	0	707.8	26.4	6.959	0.022	12.26
2/23/2010 15:00	5188	14.9	334.8	11.31	22.47	12.53	333.4	12.37	20.68	34.75	36.81	55.68	58.53	0	730.3	26.4	6.959	0	14.31
2/23/2010 16:00	5189	14.73	341.8	15.64	24.26	11.97	340.7	16.2	20.68	36.46	38.37	52.87	54.76	0	616.2	26.39	6.946	-0.013	12.46
2/23/2010 17:00	5190	15.21	340.8	14.33	24.26	12.34	339.7	15.4	22.47	37.59	39.35	49.4	50.71	0	447.5	26.4	6.921	-0.025	12.52
2/23/2010 18:00	5191	14.82	335.5	11.2	24.26	12.26	334.9	11.76	20.68	38.15	39.43	49.15	50.39	0	241.9	26.38	6.915	-0.006	12.26
2/23/2010 19:00	5192	11.23	328.9	8.93	20.68	9.11	329.9	9.75	17.1	37.25	37.56	54.13	56.48	0	42.79	26.38	6.912	-0.003	13.48
2/23/2010 20:00	5193	7.137	312.2	6.605	11.74	4.674	312.7	7.574	8.16	34.55	33.98	63.65	68.51	0	0.017	26.36	6.91	-0.001	12.14
2/23/2010 21:00	5194	7.303	306.4	5.66	9.95	4.209	307	7.647	8.16	32.09	31.02	70.94	77.63	0	0	26.35	6.908	-0.002	12.2
2/23/2010 22:00	5195	7.704	308.9	6.728	11.74	5.376	309.1	7.445	8.16	31.18	30.82	75.23	80.3	0	0	26.36	6.906	-0.002	12.71
2/23/2010 23:00	5196	6.665	315.5	7.261	9.95	4.443	316.7	7.952	8.16	30.5	29.98	74.29	80.1	0	0	26.36	6.906	0	12.19
2/24/2010 0:00	5197	5.659	311.9	6.737	8.16	3.05	307.8	10.68	6.368	28.92	27.92	78.02	84.8	0	0	26.35	6.906	0	12.19
2/24/2010 1:00	5198	7.097	325.7	5.996	9.95	4.816	328.4	7.711	8.16	28.83	28.12	75.95	82.8	0	0	26.35	6.906	0	12.19
2/24/2010 2:00	5199	7.741	326.1	7.149	9.95	4.67	324.8	10.12	8.16	29.87	28.45	70.34	79.01	0	0	26.34	6.906	0	12.17
2/24/2010 3:00	5200	6.287	316.1	6.215	11.74	3.626	310.9	15.57	8.16	28.03	26.96	75.27	82.7	0	0	26.35	6.906	0	12.15
2/24/2010 4:00	5201	4.075	318.6	8.63	6.368	1.1	308.5	9.64	4.578	27.44	25.86	73.22	82.2	0	0	26.34	6.906	0	12.2
2/24/2010 5:00	5202	3.326	318.5	7.542	6.368	0.534	56.23	39.24	2.789	27.94	24.31	69.34	84.5	0	0	26.32	6.908	0.002	12.65
2/24/2010 6:00	5203	1.328	297.7	3.085	6.368	1.067	75.25	30.94	2.789	27.07	23.69	69.7	84.7	0	0	26.31	6.909	0	12.25
2/24/2010 7:00	5204	2.079	269.2	18.52	4.578	0.183	200.4	5.854	2.789	27.1	23.34	69.27	86.6	0	0	26.31	6.909	0	12.17
2/24/2010 8:00	5205	1.091	253.6	8.04	4.578	0.003	355	0	2.789	27.39	23.97	67.31	85.9	0	16.43	26.31	6.909	0	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/24/2010 9:00	5206	4.629	228.3	14.45	11.74	2.949	229.9	11.67	9.95	31.87	32.39	64.88	71.63	0	182.1	26.33	6.909	0	12.56
2/24/2010 10:00	5207	8.31	219.1	11.93	11.74	6.596	221.4	13.25	9.95	35.87	36.7	63.45	64.93	0	387.3	26.4	6.906	-0.003	12.19
2/24/2010 11:00	5208	9.82	221.7	12.42	15.31	7.7	224.2	14.04	15.31	42.05	43.02	55.15	55.55	0	573.4	26.45	6.898	-0.008	12.46
2/24/2010 12:00	5209	11.16	221.4	13.93	17.1	8.78	222.2	15.68	15.31	47.19	48.34	45.01	44.6	0	709.3	26.47	6.887	-0.011	12.27
2/24/2010 13:00	5210	14.91	219.6	12.32	24.26	11.34	221.3	13.59	20.68	51.07	52.47	40.45	39.43	0	767.1	26.48	6.88	-0.006	12.67
2/24/2010 14:00	5211	16.62	222.3	12.68	26.05	12.91	224.8	13.91	20.68	53.91	55.29	32.37	30.74	0	790.7	26.45	6.873	-0.007	12.54
2/24/2010 15:00	5212	18.5	224.1	10.79	26.05	14.17	225.4	12.34	24.26	55.15	56.41	31.74	29.88	0	623.8	26.42	6.86	-0.013	12.3
2/24/2010 16:00	5213	18.62	222.7	10.74	27.84	14.07	224.3	12.01	24.26	56.58	57.76	30.23	28.23	0	592.1	26.39	6.854	-0.006	12.55
2/24/2010 17:00	5214	18.4	225.3	9.5	27.84	13.9	227.1	11.13	22.47	56.91	57.82	30.55	28.69	0	387.9	26.37	6.845	-0.009	12.57
2/24/2010 18:00	5215	17.61	223.4	8.59	26.05	13.22	224.7	10.54	22.47	56.72	57.32	32.61	31.09	0	251.5	26.34	6.836	-0.009	12.59
2/24/2010 19:00	5216	12.85	221.8	7.966	22.47	9.15	223.2	9.82	18.89	53.68	53.4	38.53	38.56	0	36.98	26.31	6.823	-0.013	12.4
2/24/2010 20:00	5217	9.08	217.3	7.603	13.52	5.573	220.9	9.66	9.95	48.52	47.53	44.53	46.65	0	0.01	26.27	6.812	-0.011	12.52
2/24/2010 21:00	5218	7.702	204.8	15.22	11.74	4.336	205.9	17.88	8.16	45.78	44.64	49.19	52.13	0	0	26.25	6.804	-0.009	12.2
2/24/2010 22:00	5219	8.5	204.9	9.74	13.52	5.046	207.6	13.43	9.95	44.33	43.14	50.85	54.3	0	0	26.22	6.801	-0.003	12.35
2/24/2010 23:00	5220	10.9	213.6	6.592	15.31	7.221	217.6	9.1	11.74	43.99	43.28	53.06	55.61	0	0	26.2	6.794	-0.006	12.27
2/25/2010 0:00	5221	7.054	225.4	13.93	13.52	3.73	232.3	18.22	9.95	41.01	39.96	59.19	62.8	0	0	26.18	6.793	-0.002	12.23
2/25/2010 1:00	5222	5.819	212.8	11.48	9.95	2.148	216.2	17.61	4.578	37.44	35.48	66.37	73.56	0	0	26.14	6.79	-0.003	12.27
2/25/2010 2:00	5223	4.623	201.6	13.2	8.16	1.269	181.3	18.33	4.578	37.8	35.73	65.04	73.05	0	0	26.11	6.787	-0.003	12.2
2/25/2010 3:00	5224	5.129	220.1	10.41	9.95	2.53	221.4	13.52	6.368	38.29	37.47	65.51	71.74	0	0	26.09	6.787	0	12.48
2/25/2010 4:00	5225	7.043	234.5	10.41	9.95	4.433	238.4	12.26	8.16	40.5	39.93	60.25	64.46	0	0	26.08	6.787	0	12.21
2/25/2010 5:00	5226	6.265	259.2	23.35	9.95	3.237	268	28.33	6.368	39.71	37.69	59.33	66.3	0	0	26.08	6.787	0	12.29
2/25/2010 6:00	5227	6.873	299.8	15.55	9.95	3.788	307.5	16.17	8.16	40.84	37.73	53.03	62.84	0	0	26.07	6.784	-0.003	12.61
2/25/2010 7:00	5228	6.052	306.1	13.58	11.74	2.625	295.6	23.93	6.368	39.71	36.88	55.62	64.54	0	0	26.06	6.784	0	12.24
2/25/2010 8:00	5229	5.822	254.5	35.64	8.16	2.649	228	32.98	6.368	38.86	34.95	56.38	70.76	0	9.58	26.05	6.784	0	12.15
2/25/2010 9:00	5230	4.991	258	28.86	9.95	3.267	265.9	38.27	8.16	38.29	37.3	62.24	70.41	0	107.6	26.06	6.784	0	12.46
2/25/2010 10:00	5231	6.471	226.4	8.41	9.95	5.125	228.1	10.53	8.16	42.33	42.71	55.63	57.2	0	192.8	26.08	6.782	-0.002	12.57
2/25/2010 11:00	5232	6.958	262.8	25.59	11.74	5.788	262.7	26.46	9.95	49.98	50.62	44.45	44.01	0	453.8	26.11	6.777	-0.005	12.45
2/25/2010 12:00	5233	10.03	287.6	22.68	18.89	8.37	288.7	26.35	17.1	57.47	58.35	32.56	31.03	0	648.7	26.16	6.772	-0.005	12.75
2/25/2010 13:00	5234	9.57	310.6	20.69	15.31	8.1	312.4	22.33	15.31	58.64	59.5	30.37	28.74	0	522	26.17	6.772	0	12.77
2/25/2010 14:00	5235	11.75	319.8	20.38	22.47	9.95	321.1	21.4	18.89	60.02	61.23	34.65	32.87	0	656.3	26.17	6.755	-0.017	12.62
2/25/2010 15:00	5236	12.09	308.8	22.41	20.68	10.15	310.1	23.47	18.89	60.66	61.87	35.39	33.45	0	688.4	26.16	6.748	-0.006	12.59
2/25/2010 16:00	5237	13.19	294.5	17.47	24.26	10.85	295.5	20.18	22.47	62.68	63.95	31.58	29.26	0	628.1	26.16	6.739	-0.01	12.69
2/25/2010 17:00	5238	19.15	322.9	13.27	29.63	15.78	323.9	13.7	26.05	60.25	60.93	37.21	35.81	0	185.8	26.15	6.714	-0.025	13.03
2/25/2010 18:00	5239	18.44	322.2	8.32	31.42	15.16	323	8.94	27.84	58.26	58.52	39.3	38.5	0	115.9	26.14	6.697	-0.017	12.74
2/25/2010 19:00	5240	13.65	323.6	8.25	24.26	11.06	325.1	9.1	18.89	56.81	56.75	40	39.73	0	45.43	26.14	6.668	-0.028	12.68
2/25/2010 20:00	5241	9.09	329.1	10.15	15.31	6.756	329.7	10.86	11.74	52.8	52.07	46.66	47.89	0	0.044	26.16	6.663	-0.005	12.32
2/25/2010 21:00	5242	13.81	354.7	15.98	27.84	10.09	354	17.51	24.26	49.23	48.69	55.27	56.77	0	0	26.16	6.654	-0.008	12.31
2/25/2010 22:00	5243	14.78	17.61	9.69	27.84	11.4	18.39	10.04	26.05	45.48	45.6	66.37	67.73	0	0	26.18	6.645	-0.009	12.43
2/25/2010 23:00	5244	12.13	12.22	9.67	20.68	9.24	12.38	11.08	17.1	43.01	43.08	66.33	67.99	0	0	26.2	6.635	-0.01	12.42
2/26/2010 0:00	5245	13.57	358.9	9.12	20.68	9.79	357.3	10.57	17.1	41.43	41.38	68.1	70.34	0	0	26.2	6.627	-0.009	12.27
2/26/2010 1:00	5246	12.52	345	9.19	26.05	9.43	342.6	11.83	24.26	40.97	40.71	67.4	70.08	0	0	26.2	6.625	-0.002	12.46
2/26/2010 2:00	5247	9.77	349.4	9.9	15.31	6.954	346.7	12.33	13.52	39.73	39.39	71.26	74.43	0	0	26.21	6.622	-0.003	12.69
2/26/2010 3:00	5248	9.54	359.6	8.02	15.31	6.499	358.1	9.27	13.52	38.52	38.34	74.19	77.39	0	0	26.22	6.615	-0.006	12.17
2/26/2010 4:00	5249	9.38	339.3	12.7	13.52	6.838	336.2	14.56	11.74	37.53	37.04	75	79.06	0	0	26.23	6.615	0	12.32
2/26/2010 5:00	5250	11.74	342.5	17.89	17.1	8.64	340.3	19.94	15.31	38.52	38.14	72.9	76.48	0	0	26.24	6.612	-0.003	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_!	Wdir2_D1_	Wdir2_SD1	Wspeed2_!	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
2/26/2010 6:00	5251	8.94	331.3	23.02	17.1	6.238	332	20.76	15.31	35.21	34.65	77.42	81.8	0	0	26.26	6.609	-0.003	12.23	
2/26/2010 7:00	5252	10.76	357.9	8.53	17.1	7.738	355.4	9.81	13.52	36.2	36.11	75.54	78.8	0	0	26.27	6.609	0	12.16	
2/26/2010 8:00	5253	12.69	1.12	8.32	22.47	9.16	358.8	10.32	18.89	35.91	35.95	77.03	80.2	0	18.27	26.29	6.609	0	12.21	
2/26/2010 9:00	5254	15.88	5.536	9.24	26.05	11.74	4.555	11.15	20.68	38.92	39.48	73.89	76.24	0	180.2	26.33	6.609	0	12.53	
2/26/2010 10:00	5255	17.43	8.22	10.44	26.05	13.09	7.811	12.75	24.26	42.4	43.27	69.18	70.5	0	384.3	26.39	6.604	-0.005	12.38	
2/26/2010 11:00	5256	18.58	5.7	11.29	31.42	14.05	4.79	13.24	26.05	46	47.1	61.1	61.15	0	565	26.44	6.603	-0.001	12.71	
2/26/2010 12:00	5257	18.77	359.1	13.69	27.84	14.45	357	16	26.05	47.93	49.48	55.95	54.91	0	695.3	26.47	6.595	-0.007	12.93	
2/26/2010 13:00	5258	17.3	3.592	14.33	29.63	13.36	2.099	16.26	26.05	50.29	51.97	49.45	47.92	0	783.7	26.49	6.589	-0.006	13.02	
2/26/2010 14:00	5259	16.97	9.38	13.83	31.42	12.93	9.02	15.5	27.84	52.22	53.84	45.76	44.03	0	798.9	26.48	6.582	-0.007	12.64	
2/26/2010 15:00	5260	16.11	5.444	15.64	29.63	12.45	4.548	16.95	27.84	53.97	55.56	41.67	39.82	0	718.8	26.48	6.575	-0.007	12.78	
2/26/2010 16:00	5261	16.18	9.26	14.73	27.84	12.12	8.04	16.58	24.26	53.92	55.3	40.08	38.3	0	524.4	26.47	6.559	-0.016	12.83	
2/26/2010 17:00	5262	15.03	11.05	15.76	27.84	11.25	10.5	17.12	24.26	54.35	55.63	39.39	37.69	0	453.4	26.46	6.547	-0.012	12.8	
2/26/2010 18:00	5263	12.89	9.97	11.96	20.68	9.43	9.13	14.2	17.1	53.67	54.52	39.08	37.93	0	191.2	26.46	6.535	-0.012	12.92	
2/26/2010 19:00	5264	10.27	18.69	11.94	17.1	7.23	18.88	14.03	13.52	52.04	52.41	40.56	39.93	0	48.56	26.45	6.522	-0.013	12.78	
2/26/2010 20:00	5265	6.858	29.75	9.56	11.74	3.594	31.66	10.32	8.16	48.15	47.72	45.92	46.89	0	0.034	26.43	6.508	-0.014	12.73	
2/26/2010 21:00	5266	5.138	38.82	14.94	8.16	2.683	43.37	21.87	6.368	44.29	42.84	51.86	55.96	0	0	26.42	6.502	-0.006	12.26	
2/26/2010 22:00	5267	6.099	51.75	5.718	9.95	3.753	56.75	7.182	6.368	42.35	39.62	55.03	62.65	0	0	26.4	6.479	-0.023	12.42	
2/26/2010 23:00	5268	6.066	49.68	6.418	9.95	3.472	59.5	8.28	6.368	41.27	38.22	57.33	66.2	0	0	26.4	6.479	0	12.56	
2/27/2010 0:00	5269	5.302	44.42	8.73	9.95	2.321	66.37	10.42	6.368	39.2	35.19	60.48	72.11	0	0	26.39	6.473	-0.006	12.39	
2/27/2010 1:00	5270	2.977	324.3	71.54	6.368	1.357	200.9	63.92	4.578	35.85	31.64	67.24	80	0	0	26.37	6.474	0.001	12.22	
2/27/2010 2:00	5271	4.505	48.12	6.282	6.368	2.323	63.13	9.7	4.578	37.71	32.44	61.95	79.22	0	0	26.35	6.471	-0.002	12.55	
2/27/2010 3:00	5272	0.715	303.1	36.09	6.368	0.482	238.6	17.08	4.578	34.48	30.27	69.3	83	0	0	26.33	6.468	-0.003	12.71	
2/27/2010 4:00	5273	1.906	259.5	18.68	6.368	0.79	276.9	26.2	4.578	33.36	29.23	71.28	86.5	0	0	26.32	6.468	0	12.23	
2/27/2010 5:00	5274	2.641	327.7	19.19	8.16	1.24	63.57	64.66	4.578	32.34	27.76	73.99	89.1	0	0	26.31	6.468	0	12.43	
2/27/2010 6:00	5275	0.651	350.3	4.279	4.578	0.81	89	8.05	4.578	33.91	28.48	70.2	90.3	0	0	26.3	6.468	0	12.15	
2/27/2010 7:00	5276	1.267	142.8	9.72	2.789	1.821	78.72	7.096	4.578	34.67	30.25	66.39	84.6	0	0	26.29	6.468	0	12.27	
2/27/2010 8:00	5277	0.6	147.3	9.09	2.789	0.607	70.22	8.64	2.789	35.49	32.96	64.38	77.83	0	23.78	26.29	6.472	0.003	12.46	
2/27/2010 9:00	5278	3.911	192	12.49	9.95	2.642	195.9	11.48	9.95	40.69	41.35	62.46	65.76	0	198.2	26.33	6.466	-0.005	12.57	
2/27/2010 10:00	5279	12.13	186.5	9.68	20.68	8.56	189.5	14.05	15.31	47.81	49.04	50.25	49.52	0	385.3	26.4	6.457	-0.009	12.42	
2/27/2010 11:00	5280	14.09	183.3	12.18	20.68	9.87	187.1	16.27	17.1	51.7	53.46	43.34	41.03	0	594	26.44	6.459	0.002	14.09	
2/27/2010 12:00	5281	13.35	193.4	12.65	22.47	9.89	197.5	15.34	17.1	54.69	56.46	40.53	37.63	0	681	26.47	6.458	-0.001	12.84	
2/27/2010 13:00	5282	12.95	190.3	16.72	22.47	9.71	193.9	19.26	18.89	56.79	58.48	37.93	34.85	0	718.2	26.45	6.457	-0.001	12.89	
2/27/2010 14:00	5283	12.49	187.1	17.68	22.47	9.16	190.8	20.45	17.1	59.05	60.93	34.94	31.56	0	694.9	26.42	6.438	-0.019	12.96	
2/27/2010 15:00	5284	12.57	180.9	19.56	22.47	9.08	184.2	22.36	18.89	60.18	62.05	31.96	28.43	0	713.6	26.38	6.428	-0.01	13.12	
2/27/2010 16:00	5285	14.21	181.7	16.23	26.05	10.23	185.9	20.2	18.89	60.81	62.66	28.67	25.17	0	620.6	26.35	6.409	-0.019	13.01	
2/27/2010 17:00	5286	14.91	161.9	13.23	26.05	10.19	164.6	17.75	18.89	60.82	62.39	26.83	23.66	0	400.2	26.32	6.396	-0.013	12.98	
2/27/2010 18:00	5287	14.2	162.6	12.37	26.05	9.38	165.1	16.6	18.89	59.44	59.93	27.87	25.79	0	130.4	26.3	6.375	-0.021	12.94	
2/27/2010 19:00	5288	9.92	146.6	8.01	17.1	6.195	148	12.38	13.52	57.02	56.63	31.26	30.45	0	24.67	26.27	6.364	-0.012	12.69	
2/27/2010 20:00	5289	10.85	133.7	7.557	15.31	6.64	133.7	13.82	11.74	53.76	53.16	35.86	35.79	0	0.009	26.23	6.355	-0.009	13.43	
2/27/2010 21:00	5290	9.76	129.8	8.33	17.1	5.842	128.2	14.36	11.74	50.85	50.14	40.74	41.35	0	0	26.21	6.346	-0.009	12.28	
2/27/2010 22:00	5291	10.44	136.9	9.33	15.31	6.393	136.1	14.85	11.74	49.2	48.43	44.52	45.64	0	0	26.2	6.34	-0.005	12.56	
2/27/2010 23:00	5292	10.7	144.9	8.1	15.31	6.653	145.8	12.76	11.74	49.13	48.51	43.99	44.88	0	0	26.18	6.331	-0.009	12.65	
2/28/2010 0:00	5293	12.36	154.3	7.843	20.68	7.874	155.8	12.63	15.31	49.14	48.71	42.68	43.18	0	0	26.17	6.325	-0.006	12.35	
2/28/2010 1:00	5294	10.3	146.5	10.66	33.21	6.254	147.2	15.58	20.68	47.97	47.36	44.52	45.38	0	0	26.15	6.318	-0.006	12.22	
2/28/2010 2:00	5295	8.3	110.5	13.91	13.52	5.098	106.6	17	9.95	45.05	44.27	50.3	52.07	0	0	26.12	6.306	-0.013	12.17	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/28/2010 3:00	5296	9.26	86.3	5.86	13.52	5.333	83	11.91	9.95	41.56	40.69	58.4	61.41	0	0	26.08	6.303	-0.002	12.21
2/28/2010 4:00	5297	10.06	82.1	7.421	15.31	6.125	78.45	14.01	11.74	39.47	38.83	63.7	66.83	0	0	26.04	6.298	-0.005	12.42
2/28/2010 5:00	5298	10.6	82.5	9.37	17.1	6.661	79.68	15.36	13.52	37.76	37.41	68.74	71.99	0	0	26.02	6.295	-0.003	12.16
2/28/2010 6:00	5299	8.94	90.6	7.763	13.52	5.88	86.9	13.34	9.95	37.49	37.26	70.72	74.05	0	0	26	6.295	0	12.78
2/28/2010 7:00	5300	8.9	89.8	7.878	13.52	5.785	87.3	12.81	9.95	37.58	37.48	71.64	74.91	0	0	26	6.292	-0.003	12.56
2/28/2010 8:00	5301	8.49	95.7	6.383	11.74	5.679	92.7	11.69	9.95	37.4	37.15	72.36	76.03	0	6.913	25.99	6.292	0	12.31
2/28/2010 9:00	5302	10.58	111.8	22.87	26.05	6.941	109.8	26.95	22.47	40.37	40.7	67.52	69.67	0	152.9	25.98	6.292	0	12.7
2/28/2010 10:00	5303	20.84	150.9	9.39	33.21	13.8	153.2	13.83	24.26	47.87	49.18	55.97	54.71	0	382.7	26.01	6.292	0.001	12.83
2/28/2010 11:00	5304	23.81	154.8	10.22	34.99	15.84	157.5	14.42	27.84	52.33	54.13	50.65	48.28	0	579.7	26.02	6.291	-0.002	12.35
2/28/2010 12:00	5305	20.4	161.4	12.45	33.21	13.57	163.9	16.07	26.05	55.33	57.15	47.06	44.37	0	565.8	26.03	6.281	-0.01	12.55
2/28/2010 13:00	5306	15.07	185.4	22.26	26.05	10.86	188.7	24.39	22.47	59.31	61.36	42.68	39.17	0	794.7	26.04	6.267	-0.014	14.41
2/28/2010 14:00	5307	10.21	187.5	25.3	20.68	7.583	189.7	26.92	17.1	60.26	61.62	41.27	38.39	0	478	26.05	6.257	-0.01	12.99
2/28/2010 15:00	5308	11.42	191.8	24.54	18.89	8.39	195.1	25.67	15.31	60.39	61.8	41.19	38.52	0	377.8	26.03	6.244	-0.013	12.86
2/28/2010 16:00	5309	21.53	262.2	31.65	43.94	16.75	262.4	32.16	36.78	55.55	56.27	54.08	53.25	0	121.8	26.05	6.198	-0.046	12.4
2/28/2010 17:00	5310	20.3	278.1	11.87	40.36	15.45	277.8	14.12	33.21	51.45	52.07	60.89	60.8	0	110.1	26.02	6.196	-0.003	12.71
2/28/2010 18:00	5311	15.3	261.4	17.02	34.99	11.49	261.7	18.97	27.84	49.44	49.62	64.36	66.88	0	14.07	26.02	6.187	-0.009	12.2
2/28/2010 19:00	5312	8.83	186.7	47.94	31.42	5.921	189.6	50.83	26.05	48.44	48.25	61.75	66.01	0	2.847	25.99	6.188	0.001	13.74
2/28/2010 20:00	5313	7.151	195.5	14.84	13.52	4.417	199	18.47	9.95	47	46.81	67.23	71.29	0	0	25.99	6.182	-0.006	12.28
2/28/2010 21:00	5314	5.71	164.8	17.68	9.95	2.674	163.8	23.76	6.368	44.75	44.05	72.64	78	0	0	26	6.179	-0.003	12.49
2/28/2010 22:00	5315	6.77	179.5	19.74	13.52	3.674	176.8	30.06	9.95	44.03	43.25	72.2	77.28	0	0	26	6.172	-0.006	13.68
2/28/2010 23:00	5316	2.971	149.9	39.5	6.368	1.621	105.4	30.71	4.578	41.38	39.93	75.89	82.6	0	0	25.98	6.171	-0.002	12.57
3/1/2010 0:00	5317	3.094	197.3	42.45	8.16	2.06	195.3	55.08	8.16	41.08	40.55	77.34	83.6	0	0	25.98	6.168	-0.003	12.46
3/1/2010 1:00	5318	14.84	289.9	28.36	27.84	11.76	291.1	30.01	22.47	43.51	43.72	80.7	83.7	0	0	25.98	6.16	-0.008	12.51
3/1/2010 2:00	5319	16.2	313.4	9.55	31.42	13.09	315.2	10.07	26.05	42.35	42.62	84.7	88.2	0	0	25.99	6.153	-0.007	12.77
3/1/2010 3:00	5320	10.38	296.3	9.68	20.68	8.22	298.5	11.89	17.1	40.27	40.55	94	98.1	0.05	0	25.98	6.16	0.007	12.77
3/1/2010 4:00	5321	9.32	318.3	13.92	13.52	7.514	319.6	13.6	13.52	40.32	40.64	96.9	99.3	0.01	0	25.97	6.164	0.004	13.94
3/1/2010 5:00	5322	9.73	15.7	16.54	17.1	6.882	14.56	18.57	13.52	40.36	40.76	96.7	99.3	0	0	25.99	6.171	0.006	12.38
3/1/2010 6:00	5323	8.44	16.21	14.5	13.52	6.068	14.52	15.78	11.74	40.45	40.89	98.2	99.3	0.02	0	26.03	6.186	0.016	12.43
3/1/2010 7:00	5324	11.21	359.9	13.67	22.47	8.31	358.1	13.49	18.89	40.16	40.6	95.5	98.8	0.02	0	26.08	6.205	0.019	12.27
3/1/2010 8:00	5325	18.22	19.29	16.11	34.99	12.5	17.99	16.21	31.42	38.73	39.25	94.1	98.1	0	3.047	26.13	6.219	0.013	12.47
3/1/2010 9:00	5326	17.47	23.85	10.53	27.84	12.23	23.14	11.7	24.26	37.4	38	93.5	97.3	0	59.73	26.18	6.216	-0.003	12.36
3/1/2010 10:00	5327	17.09	26.34	10.11	26.05	11.63	25.22	11.49	24.26	38.29	39	90.3	94.2	0	134	26.23	6.216	0	12.51
3/1/2010 11:00	5328	19.37	28.8	10.73	31.42	12.68	27.46	11.68	27.84	38.82	39.72	86.9	90.6	0	308.1	26.27	6.217	0.002	12.32
3/1/2010 12:00	5329	18.06	27.12	12.58	29.63	12.56	25.34	13.33	26.05	41.03	42.2	79.65	83	0	546.3	26.31	6.217	0	12.38
3/1/2010 13:00	5330	17.8	24.48	12.24	27.84	12.68	23.67	12.99	26.05	42.34	43.59	74.79	77.28	0	345.1	26.35	6.216	0	12.61
3/1/2010 14:00	5331	16.58	20.92	10.26	26.05	11.98	20.57	11.61	22.47	40.51	41.57	77.25	79.75	0	167.9	26.36	6.217	0	12.6
3/1/2010 15:00	5332	14.84	6.193	12.63	24.26	11.22	4.123	14.05	18.89	40.49	41.51	75.39	78.09	0	130.3	26.35	6.217	0	12.78
3/1/2010 16:00	5333	15.07	16.51	11.6	24.26	11.06	15.03	13.74	20.68	41.26	42.26	71.72	74.02	0	169	26.36	6.217	0	12.66
3/1/2010 17:00	5334	13.58	14.81	14.48	22.47	9.88	13.41	15.34	18.89	41.84	42.75	69.64	71.83	0	154.2	26.36	6.217	0	12.8
3/1/2010 18:00	5335	11.4	14.97	12	20.68	8.54	14.15	13.32	17.1	42.53	43.3	66.76	68.71	0	62.5	26.37	6.217	0	12.76
3/1/2010 19:00	5336	8.13	24.64	11.29	13.52	5.487	24.54	13.12	11.74	42.4	42.99	69.94	72.34	0	13.85	26.38	6.217	0	12.43
3/1/2010 20:00	5337	4.374	53.46	10.6	8.16	2.282	56.67	12.82	6.368	39.81	39.62	78.03	82.7	0	0.011	26.39	6.214	-0.003	12.23
3/1/2010 21:00	5338	2.936	5.403	41.04	6.368	1.004	344.8	36.67	4.578	38.03	36.36	81.5	89.8	0	0	26.39	6.212	-0.002	12.24
3/1/2010 22:00	5339	4.43	34.62	25.97	8.16	2.661	55.41	8.01	6.368	37.13	34.72	82.6	93	0	0	26.39	6.209	-0.003	13.3
3/1/2010 23:00	5340	5.559	42.42	6.941	8.16	2.514	47.27	13.47	4.578	36.45	35.28	83.2	90	0	0	26.39	6.209	0	12.51

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/2/2010 0:00	5341	3.708	33.23	10.88	6.368	1.438	62.64	13.98	4.578	35.53	32.53	84.4	95.3	0	0	26.38	6.21	0.001	12.17
3/2/2010 1:00	5342	1.24	240.5	29.28	4.578	1	191.9	30.97	4.578	32.72	30.68	88.3	95.6	0	0	26.37	6.208	-0.002	12.21
3/2/2010 2:00	5343	2.54	311.4	13.63	4.578	0.123	345	1.278	2.789	32.11	29.3	90.2	98.7	0	0	26.36	6.208	0	12.3
3/2/2010 3:00	5344	4.257	314	13.43	8.16	1.307	294.3	21.42	4.578	31.69	28.72	90.4	98.9	0	0	26.36	6.208	0	12.25
3/2/2010 4:00	5345	5.405	316.5	4.74	8.16	1.776	309.2	9.17	4.578	31.32	29.29	91	98.3	0	0	26.35	6.208	0	12.17
3/2/2010 5:00	5346	3.372	345.8	17.14	6.368	0.732	18.8	6.657	4.578	31.55	29.86	90.4	97.5	0	0	26.34	6.211	0.003	12.2
3/2/2010 6:00	5347	1.952	343.9	15.61	4.578	0.497	90.8	1.462	2.789	32.26	28.63	88.8	97.5	0	0	26.33	6.208	-0.003	12.34
3/2/2010 7:00	5348	1.43	320.6	23.72	4.578	0.556	81.4	6.368	4.578	31.44	27.25	89.1	98.1	0	0	26.34	6.208	0	12.59
3/2/2010 8:00	5349	2.619	287.9	8.91	6.368	0.114	264.6	3.46	2.789	30.56	27.76	90.4	98.4	0	25.81	26.33	6.208	0	12.21
3/2/2010 9:00	5350	3.198	263.9	18.4	8.16	1.774	255.6	12.28	6.368	35.76	36.66	85.4	89.5	0	204.5	26.36	6.21	0.001	13.54
3/2/2010 10:00	5351	5.107	252	17.69	8.16	4.016	253.5	21.94	8.16	41.44	42.65	81.6	83.2	0	404.7	26.42	6.211	0.001	13.4
3/2/2010 11:00	5352	9.48	248.2	15.85	17.1	6.465	248.9	22.37	13.52	45.92	47.56	71.56	71.87	0	563.9	26.47	6.208	-0.002	12.53
3/2/2010 12:00	5353	11.85	242.4	14.55	18.89	9.37	242.7	16.67	17.1	48.44	49.82	63.67	63.66	0	657.9	26.49	6.208	0	12.7
3/2/2010 13:00	5354	10.51	250.3	22.46	18.89	8.37	251.1	24.75	17.1	51.18	52.49	58.89	58.03	0	748.6	26.47	6.208	0	12.67
3/2/2010 14:00	5355	9.32	242.1	22.8	18.89	7.425	243.6	23.88	15.31	54.44	55.76	51.89	50.13	0	789.3	26.46	6.207	-0.001	12.77
3/2/2010 15:00	5356	9.13	252	26.14	27.84	7.342	253	29.87	22.47	56.82	58.12	47.69	45.86	0	717.9	26.44	6.206	-0.001	12.71
3/2/2010 16:00	5357	9.35	236.1	21.15	18.89	7.455	236.7	23.49	15.31	57.83	59.07	45.43	43.4	0	575.7	26.43	6.203	-0.003	12.57
3/2/2010 17:00	5358	9.21	240.1	21.75	17.1	7.342	240.2	22.8	15.31	57.92	59	43.76	42.12	0	345.4	26.4	6.182	-0.021	12.71
3/2/2010 18:00	5359	7.217	246.1	19.11	13.52	5.546	245.6	20.99	11.74	57.26	57.96	42.81	41.89	0	164	26.37	6.173	-0.009	12.75
3/2/2010 19:00	5360	4.637	241.5	20.05	9.95	2.397	231.9	24.14	8.16	55.57	54.9	44.85	47.04	0	32.35	26.35	6.167	-0.006	12.59
3/2/2010 20:00	5361	3.516	163	21.66	6.368	1.712	112.9	25.08	4.578	51.43	49.33	52.61	57.48	0	0.058	26.32	6.162	-0.005	12.36
3/2/2010 21:00	5362	3.173	154.3	12.9	6.368	0.501	96.8	8.93	2.789	46.43	45.4	61.25	65.42	0	0	26.3	6.16	-0.002	12.34
3/2/2010 22:00	5363	2.631	162.7	12.98	6.368	0.195	94	12.16	2.789	44.12	42.59	65.44	71.87	0	0	26.28	6.153	-0.006	12.21
3/2/2010 23:00	5364	3.062	180.3	20.85	6.368	0.464	110.4	29.33	2.789	42.7	41.24	67.74	74.04	0	0	26.28	6.152	-0.001	12.54
3/3/2010 0:00	5365	2.059	161.4	44.02	6.368	0.498	77	14.86	4.578	42.22	40.71	67.54	75.45	0	0	26.27	6.149	-0.003	12.28
3/3/2010 1:00	5366	4.367	216.7	10.49	8.16	1.061	246.1	9.02	4.578	41.93	38.92	67.51	78.6	0	0	26.25	6.149	0	12.39
3/3/2010 2:00	5367	4.224	196.5	9.39	8.16	1.01	185.2	12.04	4.578	40.06	37.63	71.79	80.4	0	0	26.24	6.146	-0.003	12.41
3/3/2010 3:00	5368	3.723	219.5	13.33	6.368	1.061	275.1	6.117	4.578	39.75	37.19	71.99	81.4	0	0	26.22	6.143	-0.003	13.64
3/3/2010 4:00	5369	4.494	249.7	5.479	6.368	1.76	285.8	10.33	4.578	39.37	36.66	72.91	82.3	0	0	26.21	6.143	0	12.22
3/3/2010 5:00	5370	3.825	252.2	8.6	6.368	1.264	295.2	11.84	2.789	39.05	36.37	73.35	83	0	0	26.21	6.139	-0.003	12.44
3/3/2010 6:00	5371	3.908	207.8	10.18	6.368	0.034	250.5	0.444	2.789	38.81	35.51	73.37	84.4	0	0	26.2	6.14	0	12.19
3/3/2010 7:00	5372	5.033	206.7	7.59	6.368	0.536	235.6	6.051	4.578	38.44	35.01	73.74	84.9	0	0	26.19	6.137	-0.003	12.19
3/3/2010 8:00	5373	3.237	227.1	11.4	6.368	0.236	281.9	3.957	2.789	37.7	34.83	75.79	85.9	0	28	26.19	6.137	0	12.56
3/3/2010 9:00	5374	4.848	197.2	12.44	8.16	3.34	202.3	13.01	8.16	41.99	43.01	73.87	76.09	0	212.8	26.23	6.135	-0.002	12.72
3/3/2010 10:00	5375	6.322	218.3	13.9	9.95	5.162	221.2	15.83	8.16	47.26	48.18	66.13	66.5	0	415.6	26.3	6.136	0.001	12.74
3/3/2010 11:00	5376	7.227	215.9	13.73	11.74	5.885	218.5	15.16	9.95	53.8	54.7	54.31	53.26	0	602.6	26.36	6.135	-0.001	12.8
3/3/2010 12:00	5377	10.43	214.1	14.4	17.1	8.36	216.1	16.27	17.1	59.6	60.93	41.12	38.95	0	740	26.38	6.133	-0.001	12.76
3/3/2010 13:00	5378	11.21	213.6	16.97	20.68	8.83	216.1	18.76	17.1	62.47	63.98	34.81	32	0	818	26.39	6.133	0	12.72
3/3/2010 14:00	5379	10.36	219.7	23.27	20.68	8.26	221.7	24.65	17.1	64.45	65.72	32.6	29.61	0	832	26.37	6.12	-0.014	12.89
3/3/2010 15:00	5380	8.09	221.3	29.42	18.89	6.348	221.8	33.2	17.1	66.21	67.31	30.98	27.9	0	776.4	26.36	6.113	-0.006	12.78
3/3/2010 16:00	5381	7.915	201.5	28.53	17.1	6.039	205	29.24	13.52	67.64	68.79	29.94	26.77	0	656.4	26.35	6.101	-0.013	13.67
3/3/2010 17:00	5382	7.648	204.7	38.19	17.1	5.799	208.1	40.73	17.1	68.14	69.44	28.64	25.49	0	484.2	26.34	6.085	-0.016	12.62
3/3/2010 18:00	5383	7.246	170.1	34.64	13.52	5.148	172.6	37.85	11.74	68.04	69.05	27.75	24.97	0	275.6	26.32	6.075	-0.01	12.68
3/3/2010 19:00	5384	7.389	165.4	20.27	11.74	4.154	165.3	25.06	8.16	64.64	64.11	30.54	29.87	0	62.39	26.31	6.057	-0.018	12.84
3/3/2010 20:00	5385	9.3	140.3	4.643	13.52	4.077	131.7	11.64	8.16	57.46	54.3	37.46	41.57	0	0.17	26.27	6.047	-0.011	12.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/3/2010 21:00	5386	8.71	134.1	5.719	11.74	3.762	122.8	13.86	8.16	54.99	51.88	40.33	45	0	0	26.24	6.035	-0.012	12.54
3/3/2010 22:00	5387	9.76	143.3	8.87	18.89	4.72	138.3	15.81	13.52	53.81	51.41	43.6	47.34	0	0	26.24	6.026	-0.009	12.7
3/3/2010 23:00	5388	9	147.5	8.77	13.52	4.855	145.4	14.23	8.16	50.03	48.75	53.5	56.22	0	0	26.24	6.023	-0.003	12.71
3/4/2010 0:00	5389	8.7	158.5	9.08	15.31	4.662	158.5	14.49	9.95	48.79	47.46	56.32	59.82	0	0	26.23	6.017	-0.006	12.62
3/4/2010 1:00	5390	10.23	180.1	9.5	22.47	6.107	186	13.52	13.52	49.85	48.9	53.2	55.54	0	0	26.22	6.014	-0.003	12.49
3/4/2010 2:00	5391	6.029	190.5	8.36	9.95	2.626	202.5	11.44	6.368	46.75	44.79	57.42	62.22	0	0	26.21	5.985	-0.029	12.36
3/4/2010 3:00	5392	4.674	216.7	12.75	8.16	1.709	247	18.36	4.578	45.14	42.66	59.82	66.31	0	0	26.2	5.983	-0.002	12.23
3/4/2010 4:00	5393	3.745	203.3	13.2	6.368	0.675	238	14.66	2.789	44.29	41.89	60.29	67.15	0	0	26.18	5.981	-0.002	12.17
3/4/2010 5:00	5394	4.758	185.7	7.452	8.16	1.584	194.1	6.746	4.578	43.44	41.41	61.55	67.32	0	0	26.18	5.978	-0.003	13.83
3/4/2010 6:00	5395	5.203	130	39.92	8.16	2.383	88.6	42.85	6.368	41.83	39.11	65.5	73.73	0	0	26.18	5.978	0	12.21
3/4/2010 7:00	5396	4.181	144	18.4	8.16	1.567	115.8	24.7	4.578	41.02	39.24	67.45	73.78	0	0	26.18	5.975	-0.003	12.12
3/4/2010 8:00	5397	4.119	205.3	21.52	8.16	1.239	232.8	26.66	4.578	40.72	38.95	69.82	76.03	0	30.89	26.19	5.975	0	12.42
3/4/2010 9:00	5398	7.337	195.1	17.21	17.1	5.14	200.9	21.14	11.74	46.05	46.78	66.45	67.12	0	214.1	26.22	5.973	-0.002	12.28
3/4/2010 10:00	5399	11.66	180.3	10.38	17.1	8.08	183.9	14.89	13.52	53.39	54.7	53.59	52.08	0	419.2	26.29	5.971	-0.002	13.24
3/4/2010 11:00	5400	10.12	186	15.1	17.1	7.392	190.6	19.91	13.52	58.51	60.01	47.26	44.64	0	606.9	26.33	5.969	-0.001	13.76
3/4/2010 12:00	5401	10.94	183	15.64	18.89	8.04	187.8	19.27	15.31	63.53	65.17	41.9	38.68	0	744	26.36	5.965	-0.004	12.86
3/4/2010 13:00	5402	12.89	194.2	12.95	20.68	9.64	199.5	15.69	17.1	67.04	68.89	37.24	33.72	0	820	26.36	5.955	-0.01	12.89
3/4/2010 14:00	5403	13.52	186	13.57	20.68	9.81	190.1	17.38	17.1	69.84	71.9	33.05	29.25	0	831	26.34	5.945	-0.01	13.56
3/4/2010 15:00	5404	14.67	182.4	16.46	26.05	10.45	186.6	19.5	20.68	72.43	74.41	28.24	24.44	0	775.9	26.32	5.926	-0.019	12.89
3/4/2010 16:00	5405	15.42	178.9	14.09	24.26	10.71	182.8	17.57	20.68	72.9	74.79	27.31	23.58	0	655.3	26.3	5.907	-0.019	12.8
3/4/2010 17:00	5406	15.87	183.9	12.62	26.05	10.92	188	16.35	20.68	72.83	74.44	27.74	24.34	0	481.3	26.28	5.879	-0.029	12.86
3/4/2010 18:00	5407	16.92	165.7	13.54	27.84	11.15	168.6	17.52	20.68	71.84	72.78	30.74	28.09	0	272.3	26.26	5.863	-0.016	12.83
3/4/2010 19:00	5408	15.04	159.1	8.29	24.26	9.65	161.2	12.87	18.89	67.75	67.55	36.44	35.35	0	54.28	26.25	5.842	-0.021	12.66
3/4/2010 20:00	5409	11.1	151.8	7.585	17.1	6.794	152.6	12.23	13.52	61.74	60.87	47.08	47.69	0	0.114	26.23	5.828	-0.014	12.59
3/4/2010 21:00	5410	9.58	153	7.662	15.31	5.606	153.2	12.32	9.95	57.22	56.19	58.61	60.7	0	0	26.22	5.818	-0.009	12.41
3/4/2010 22:00	5411	13.1	157.9	8.16	26.05	8.1	160.1	12.66	17.1	55.23	54.56	67.36	70.08	0	0	26.21	5.816	-0.002	12.61
3/4/2010 23:00	5412	15.26	160.9	8.36	26.05	9.67	163.2	13.18	18.89	54.64	54.31	72.27	74.96	0	0	26.2	5.81	-0.006	12.56
3/5/2010 0:00	5413	13.66	164.7	8.05	20.68	8.61	167.7	12.43	15.31	52.96	52.61	77.85	81.1	0	0	26.19	5.803	-0.006	12.89
3/5/2010 1:00	5414	11.33	171.2	9.16	18.89	7.154	174.8	13.77	15.31	51.69	51.33	82	85.6	0	0	26.18	5.797	-0.006	12.69
3/5/2010 2:00	5415	10.54	174.6	8.07	17.1	6.591	179	12.44	11.74	50.31	49.81	86.1	90.4	0	0	26.17	5.795	-0.003	12.67
3/5/2010 3:00	5416	8.12	177.9	8.42	11.74	4.835	182.6	12.94	9.95	48.61	48.05	90.1	94.8	0	0	26.15	5.792	-0.003	12.3
3/5/2010 4:00	5417	9.15	179.5	8.84	17.1	5.761	184.5	13.04	9.95	47.93	47.52	92.2	96.8	0	0	26.14	5.792	0	12.41
3/5/2010 5:00	5418	7.724	183.6	10.56	11.74	4.785	189.6	14.27	9.95	46.71	46.28	94.7	99.1	0	0	26.13	5.789	-0.003	14.29
3/5/2010 6:00	5419	6.926	190.5	8.51	11.74	4.136	195.3	12.27	9.95	45.59	45.02	96.9	99.3	0	0	26.14	5.789	0	12.39
3/5/2010 7:00	5420	5.021	175.8	13.45	9.95	2.253	172.7	19.39	6.368	44.49	43.49	99.2	99.3	0	0	26.14	6.379	0.59	12.32
3/5/2010 8:00	5421	3.008	186.1	15.1	11.74	1.115	179.2	18.21	8.16	44.21	43.61	99.9	99.3	0	10.56	26.16	8.6	2.221	12.44
3/5/2010 9:00	5422	9.63	188.2	9.12	15.31	6.721	191.8	12.74	11.74	46.38	46.88	99.9	99.3	0	94	26.19	8.6	0.002	13.8
3/5/2010 10:00	5423	11.34	191.4	13.44	17.1	8.37	195.7	16.19	15.31	49.87	51.1	92.4	93	0	379.9	26.23	8.6	-0.001	13.91
3/5/2010 11:00	5424	10.57	194.7	13.8	17.1	8.16	198.1	16.33	13.52	55.35	56.95	78.41	77.22	0	609.4	26.29	8.6	0.001	14.28
3/5/2010 12:00	5425	10.35	207.3	15.86	18.89	8.14	211	17.21	15.31	61.63	63.18	60.69	58.15	0	757.6	26.33	8.6	-0.002	12.83
3/5/2010 13:00	5426	13.11	217.4	14.89	24.26	10.26	219.4	16.04	18.89	66.83	68.41	43.45	40.51	0	836	26.34	8.6	0.002	12.89
3/5/2010 14:00	5427	12.9	228.6	21.59	22.47	10.05	229.8	23.28	20.68	70.46	71.94	30.31	27.07	0	842	26.33	8.6	-0.001	12.89
3/5/2010 15:00	5428	13.89	250.6	22.54	27.84	10.8	251.6	23.57	22.47	72.43	73.77	21.57	18.18	0	788	26.31	8.6	-0.003	12.9
3/5/2010 16:00	5429	13.07	243.6	19.96	24.26	10.21	245.2	22.18	20.68	73.01	74.07	19.02	15.58	0	668.1	26.3	8.58	-0.019	12.91
3/5/2010 17:00	5430	12.43	228	17.84	22.47	9.66	228.8	19.38	18.89	73.15	74.26	17.76	14.29	0	492.6	26.3	8.56	-0.022	14.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/5/2010 18:00	5431	11.98	250.9	13.86	20.68	8.97	251.2	16.16	17.1	72.88	73.51	15.8	12.55	0	284.1	26.3	8.53	-0.022	12.91
3/5/2010 19:00	5432	7.907	227.7	20.78	17.1	5.264	223.3	29.73	15.31	69.61	68.9	17.73	15.7	0	67.28	26.29	8.51	-0.024	12.91
3/5/2010 20:00	5433	5.877	182.8	15.33	11.74	2.078	176.7	22.7	4.578	62.39	58.79	23.79	25.39	0	0.139	26.27	8.5	-0.007	12.47
3/5/2010 21:00	5434	7.469	221.9	40.3	13.52	3.76	219.7	51.82	8.16	59.55	55.76	28.83	32.19	0	0	26.26	8.49	-0.009	12.78
3/5/2010 22:00	5435	11.08	167.7	10.07	18.89	6.814	171.2	14.83	15.31	53.52	52.66	72.53	74.73	0	0	26.28	8.49	-0.009	12.29
3/5/2010 23:00	5436	10.21	178.8	10.18	17.1	6.489	183.5	14.55	13.52	50.66	50.34	88	91.7	0	0	26.29	8.48	-0.008	12.43
3/6/2010 0:00	5437	7.101	195.2	8.79	13.52	4.387	199.9	11.83	9.95	47.65	47	94.4	98.3	0	0	26.28	8.47	-0.006	12.17
3/6/2010 1:00	5438	7.361	203.9	26.91	17.1	4.851	208.4	29.19	11.74	46.17	45.97	98.7	99.3	0	0	26.27	8.47	-0.003	12.16
3/6/2010 2:00	5439	10.05	182.3	11.57	17.1	6.733	185.7	15.86	13.52	47.04	47.41	99.8	99.4	0	0	26.28	8.46	-0.006	12.76
3/6/2010 3:00	5440	8.08	179.4	13.64	11.74	5.47	182.1	17.38	9.95	47.03	47.45	99.2	99.4	0	0	26.3	8.46	0	12.64
3/6/2010 4:00	5441	7.047	176.5	15.78	11.74	4.738	180.2	19.27	9.95	47.46	47.86	97.2	99.4	0	0	26.31	8.46	-0.003	12.32
3/6/2010 5:00	5442	6.804	168.1	13.06	11.74	4.52	171.1	17.99	9.95	47.48	47.91	96.4	99.2	0	0	26.31	8.46	0	12.53
3/6/2010 6:00	5443	5.189	130.1	23.39	9.95	3.501	128.4	27.74	8.16	47.65	48.06	94.5	97.7	0	0	26.32	8.46	0	14.14
3/6/2010 7:00	5444	3.119	118.8	31.93	8.16	2.155	121.4	34.84	6.368	47.59	48.04	93.9	97.1	0	0	26.33	8.46	-0.003	12.3
3/6/2010 8:00	5445	3.396	130.5	26.56	9.95	2.431	129.3	29.91	8.16	47.09	47.6	93.6	96.8	0	8.89	26.34	8.46	0	12.24
3/6/2010 9:00	5446	5.427	161.5	21.47	11.74	3.884	165.4	27.6	9.95	48.01	48.69	91.9	94.6	0	57.51	26.36	8.46	0	12.22
3/6/2010 10:00	5447	6.253	145.1	23.25	11.74	4.672	145.8	29.36	9.95	49.94	51.03	88	89.2	0	183.5	26.38	8.45	-0.001	12.63
3/6/2010 11:00	5448	6.449	165.9	30.27	15.31	4.929	169.7	35.35	11.74	54.32	55.66	79.97	78.98	0	542.9	26.41	8.46	0.002	12.68
3/6/2010 12:00	5449	9.05	166.3	23.72	17.1	6.845	168.2	27.95	13.52	57.01	58.88	73.56	70.97	0	682.7	26.45	8.45	-0.002	12.8
3/6/2010 13:00	5450	9.81	166.6	18.34	18.89	7.251	170	23.34	15.31	59.56	61.7	69.53	66.05	0	758.5	26.46	8.45	-0.007	12.86
3/6/2010 14:00	5451	9.83	162.4	19.45	17.1	7.21	165.2	24.76	17.1	61.17	63.25	66.38	62.92	0	657.6	26.45	8.44	-0.003	12.76
3/6/2010 15:00	5452	12.19	149.3	14.24	20.68	8.51	152.3	19.17	17.1	61.54	63.86	65.94	62.57	0	588.1	26.42	8.43	-0.01	14.39
3/6/2010 16:00	5453	13.44	140	15.82	22.47	9.22	143	20.78	17.1	62.45	64.29	65.24	63.15	0	362	26.39	8.42	-0.012	12.82
3/6/2010 17:00	5454	14.91	146.3	11.07	22.47	9.97	149.5	15.6	18.89	61.93	63.13	65.96	65.22	0	201.5	26.36	8.41	-0.009	12.82
3/6/2010 18:00	5455	15.15	148.8	9.56	24.26	9.98	151	14.31	20.68	60.67	61.39	69.16	69.73	0	100.4	26.33	8.4	-0.012	12.96
3/6/2010 19:00	5456	13.01	148.7	9.53	22.47	8.4	151	13.94	17.1	58.9	59.24	73.81	75.61	0	13.99	26.32	8.39	-0.009	12.66
3/6/2010 20:00	5457	12.86	136.8	12.63	20.68	8.43	138.2	17.41	18.89	57.5	57.84	79.3	81.6	0	0.019	26.32	8.39	-0.006	13.26
3/6/2010 21:00	5458	12.46	144.2	10.24	18.89	8.17	146.8	14.49	15.31	56.55	56.97	83.6	86.1	0	0	26.33	8.38	-0.006	12.65
3/6/2010 22:00	5459	12.09	158.8	10.31	18.89	7.973	161.9	14.24	15.31	55.97	56.37	87.3	90.1	0	0	26.34	8.37	-0.006	12.54
3/6/2010 23:00	5460	11.53	167.3	10.44	20.68	7.574	171	14.79	13.52	54.9	55.37	92	95.2	0	0	26.33	8.37	-0.006	12.35
3/7/2010 0:00	5461	10.97	157.2	9.52	18.89	7.187	159.4	13.63	13.52	53.68	54.14	98.3	99.3	0	0	26.32	8.36	-0.006	12.57
3/7/2010 1:00	5462	8.88	158.4	18.29	20.68	5.849	160.7	22.83	13.52	53.92	54.34	98.3	99.4	0	0	26.31	8.36	-0.003	13.01
3/7/2010 2:00	5463	8.89	163	8.48	13.52	5.746	165.3	12.65	9.95	53.95	54.24	99.4	99.3	0	0	26.31	8.36	0.003	12.38
3/7/2010 3:00	5464	8.45	134.5	10.91	13.52	5.608	135.5	16.17	9.95	53.84	54.14	99.9	99.3	0	0	26.29	8.36	0	13.6
3/7/2010 4:00	5465	9.9	149.3	9.87	15.31	6.635	151.5	13.79	13.52	53.79	54.15	99.9	99.3	0	0	26.27	8.36	0	12.67
3/7/2010 5:00	5466	9.73	161	8.82	15.31	6.437	164	13.47	11.74	53.84	54.17	99.9	99.3	0.01	0	26.27	8.36	0	12.67
3/7/2010 6:00	5467	9.3	159.1	8.58	15.31	6.089	161.2	12.99	11.74	53.84	54.24	99.9	99.3	0	0	26.26	8.36	0	12.2
3/7/2010 7:00	5468	8.85	163.3	8.19	15.31	5.859	166.1	12.84	11.74	53.82	54.25	99.9	99.3	0.01	0	26.27	8.36	0	12.21
3/7/2010 8:00	5469	6.725	167.5	7.984	9.95	4.477	170.7	12.01	8.16	53.73	54.21	99.9	99.3	0	5.099	26.27	8.36	-0.001	12.79
3/7/2010 9:00	5470	7.54	160.2	8.38	11.74	5.094	162.4	12.93	9.95	53.91	54.47	99.9	99.3	0	25.98	26.28	8.36	0	12.16
3/7/2010 10:00	5471	8.58	162.6	8.91	13.52	5.739	165.9	13.5	11.74	54.52	55.18	99.9	99.4	0	70.84	26.29	8.36	0	12.45
3/7/2010 11:00	5472	9.27	159.4	12.35	15.31	6.181	162.7	16.06	11.74	55.58	56.1	97.2	99.4	0	93.8	26.3	8.36	-0.001	13.7
3/7/2010 12:00	5473	8.88	156.1	11.4	13.52	6.092	158.9	15.22	9.95	56.85	57.74	92.4	96.1	0	182.2	26.3	8.36	0	12.22
3/7/2010 13:00	5474	9.09	151.9	15.48	15.31	6.537	155.4	19.99	11.74	60.04	61.48	83.8	85.2	0	415.1	26.29	8.36	-0.001	14.15
3/7/2010 14:00	5475	7.967	152.5	25.91	15.31	6.126	154.9	30.82	15.31	66.02	68.02	71.54	69.43	0	803	26.31	8.36	0	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/7/2010 15:00	5476	9.87	155.1	27.07	18.89	7.126	157.7	31.98	13.52	67.65	69.69	65.36	63.11	0	508.8	26.31	8.36	-0.001	12.33
3/7/2010 16:00	5477	9.94	138.1	27.37	20.68	7.416	140	33.05	15.31	69.86	72.03	60.51	57.59	0	669.5	26.29	8.36	0	12.22
3/7/2010 17:00	5478	10.37	127.9	20.31	18.89	7.605	129	25.23	15.31	69.86	72.13	58.59	55.74	0	452.4	26.27	8.36	0	12.95
3/7/2010 18:00	5479	17.27	121.8	12	27.84	11.73	122.3	17.09	22.47	67.22	68.8	65.91	64.85	0	223.2	26.26	8.35	-0.012	12.43
3/7/2010 19:00	5480	18.52	120.5	8.42	27.84	12.28	121.2	14.12	22.47	61.99	62.66	76.62	78.04	0	59.51	26.24	8.34	-0.011	12.21
3/7/2010 20:00	5481	18.58	121.4	8.21	27.84	12.23	122	13.96	22.47	57.61	57.94	86.3	89.2	0	0.175	26.22	8.32	-0.014	12.33
3/7/2010 21:00	5482	19.24	122.8	9.01	31.42	12.76	123.6	14.64	22.47	56.8	57.27	89	91.9	0	0	26.2	8.31	-0.013	12.42
3/7/2010 22:00	5483	19.33	131.7	9.26	29.63	12.5	133.1	15.26	24.26	56.08	56.56	89.3	92.2	0	0	26.19	8.3	-0.006	12.27
3/7/2010 23:00	5484	19.79	141.4	8.05	33.21	13.19	144.4	13.01	26.05	55.9	56.38	90.1	93	0	0	26.17	8.3	-0.006	12.3
3/8/2010 0:00	5485	20.97	145.7	8.46	34.99	13.94	147.9	13.15	27.84	55.87	56.36	90.8	93.8	0	0	26.16	8.29	-0.006	12.9
3/8/2010 1:00	5486	18.94	150.3	8.84	33.21	12.37	152.7	13.32	22.47	55.97	56.42	91	94	0	0	26.14	8.29	-0.004	12.23
3/8/2010 2:00	5487	21.01	153.9	8.59	31.42	13.76	156.5	13.06	24.26	56.29	56.76	91.2	94.2	0	0	26.11	8.28	-0.006	12.19
3/8/2010 3:00	5488	20.68	163.7	9.08	34.99	13.47	166.5	13.89	24.26	56.69	57.18	92.2	95.3	0	0	26.1	8.28	0	12.62
3/8/2010 4:00	5489	20.21	173	9.39	31.42	13.17	176.3	13.48	26.05	56.92	57.39	92	95.1	0	0	26.08	8.28	-0.006	12.44
3/8/2010 5:00	5490	18.89	185.6	9.52	29.63	12.56	189.6	13.53	22.47	56.57	57.05	92.1	95.3	0	0	26.07	8.27	-0.003	12.8
3/8/2010 6:00	5491	16.39	206.4	11.35	26.05	11.79	209.7	12.79	20.68	55.59	56.07	94.8	97.9	0	0	26.09	8.27	-0.006	12.5
3/8/2010 7:00	5492	10.55	219.3	11.49	20.68	7.367	220.4	12.75	15.31	53.5	53.63	97.3	99.4	0	0.028	26.11	8.26	-0.002	12.5
3/8/2010 8:00	5493	17.25	265.4	11.95	31.42	12.14	265.8	14.56	24.26	52.62	52.96	72.67	75.34	0	57.27	26.12	8.26	-0.006	13.85
3/8/2010 9:00	5494	18.02	273.8	10.62	29.63	13.35	274	13.86	26.05	53.36	54.36	61.76	62.09	0	229.4	26.14	8.25	-0.007	12.22
3/8/2010 10:00	5495	20.41	269.8	11.52	38.57	14.45	270.2	14.61	33.21	54.31	55.46	54.41	53.74	0	338.7	26.15	8.24	-0.007	12.65
3/8/2010 11:00	5496	28.27	263	10.44	45.73	20.59	264.1	13.56	38.57	57.06	58.39	39.16	37.27	0	629.7	26.16	8.22	-0.019	12.71
3/8/2010 12:00	5497	26.35	260.7	12.29	43.94	19.73	261.5	14.66	34.99	59.14	60.7	35.66	33.21	0	770.3	26.17	8.21	-0.017	12.59
3/8/2010 13:00	5498	24.86	259.1	12.96	36.78	18.63	259.9	15.19	31.42	60.01	61.62	36.29	33.65	0	693.6	26.17	8.19	-0.016	12.34
3/8/2010 14:00	5499	28.9	256.4	14.01	49.31	21.76	257.1	15.8	38.57	59.68	61.37	39.23	36.6	0	806	26.15	8.17	-0.022	12.43
3/8/2010 15:00	5500	30.38	259.2	11.1	49.31	23.21	258.5	12.72	38.57	59.55	61.16	39.3	36.7	0	698.6	26.12	8.14	-0.032	12.88
3/8/2010 16:00	5501	30.8	256.8	11.63	51.1	24.06	256.7	12.59	42.15	59.34	60.85	38.48	35.97	0	669	26.11	8.11	-0.025	12.8
3/8/2010 17:00	5502	29.17	258.8	11.06	49.31	22.77	258.4	11.77	38.57	59.87	61.14	35.38	32.97	0	486.1	26.1	8.08	-0.028	12.25
3/8/2010 18:00	5503	28.32	266.1	10.91	52.89	22.2	265.7	11.35	45.73	59.2	60.23	33.26	31.09	0	276.6	26.1	8.06	-0.021	12.25
3/8/2010 19:00	5504	26.97	266	9.56	43.94	21.02	265.3	10.79	36.78	57.08	57.54	37.34	36	0	64.78	26.09	8.02	-0.041	12.65
3/8/2010 20:00	5505	21.7	264.8	10.02	34.99	16.76	264.2	10.96	29.63	54.92	55.07	41.7	41.08	0	0.299	26.08	8	-0.021	12.44
3/8/2010 21:00	5506	18.95	259.4	9.55	29.63	14.75	258.8	10.63	24.26	53.43	53.56	44.06	43.73	0	0	26.08	7.985	-0.015	12.28
3/8/2010 22:00	5507	19.71	255.8	8.6	31.42	15.53	255.5	10	26.05	52.33	52.45	45.73	45.58	0	0	26.06	7.979	-0.006	12.59
3/8/2010 23:00	5508	18.81	253.7	8.53	29.63	14.63	253	9.58	24.26	51.26	51.36	47.99	48.02	0	0	26.07	7.97	-0.009	12.56
3/9/2010 0:00	5509	18.78	254.6	8.46	31.42	14.48	253.6	9.87	26.05	50.4	50.5	49.28	49.48	0	0	26.06	7.952	-0.018	12.31
3/9/2010 1:00	5510	14.88	255	10.02	29.63	11.5	254.3	10.79	24.26	49	49.06	52.06	52.5	0	0	26.05	7.945	-0.006	13.55
3/9/2010 2:00	5511	13.74	255.2	9.36	24.26	10.44	254.7	10.14	20.68	47.98	47.99	55.53	56.39	0	0	26.05	7.939	-0.006	12.57
3/9/2010 3:00	5512	15.58	266.9	9.81	24.26	12.12	265.8	10.24	18.89	47.21	47.29	57.07	57.98	0	0	26.04	7.936	-0.003	12.16
3/9/2010 4:00	5513	13.14	272.6	8.9	20.68	10.29	270.7	9.42	18.89	46.12	46.16	58.93	60.11	0	0	26.03	7.93	-0.006	12.34
3/9/2010 5:00	5514	10.49	281.9	10.5	17.1	8.09	280.3	12.2	15.31	44.34	44.29	62.07	63.89	0	0	26.02	7.923	-0.006	12.33
3/9/2010 6:00	5515	12.16	286	8.05	18.89	9.59	283.6	10.41	15.31	43.84	43.88	63.76	65.64	0	0	26.01	7.92	-0.003	12.15
3/9/2010 7:00	5516	12.41	281.8	8.9	18.89	9.64	278.9	10.66	15.31	43.42	43.47	64.42	66.41	0	0.081	26.03	7.917	-0.003	12.38
3/9/2010 8:00	5517	9.66	281.5	9.78	15.31	7.495	279.4	12.14	11.74	42.9	43.19	66.09	67.86	0	45.43	26.04	7.914	-0.003	12.22
3/9/2010 9:00	5518	12.92	275.8	11.26	22.47	10.46	275.4	13.14	20.68	47.61	48.56	58.09	57.95	0	242.4	26.07	7.91	-0.003	12.17
3/9/2010 10:00	5519	16.58	280.1	11.89	24.26	13.69	279.7	14.2	22.47	52.5	53.69	49.19	48.07	0	452.3	26.11	7.905	-0.006	12.83
3/9/2010 11:00	5520	15.65	282.5	11.4	26.05	13.02	282.7	14.48	24.26	56.49	57.88	42.12	40.21	0	643.1	26.14	7.901	-0.003	12.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/9/2010 12:00	5521	14.19	275.7	15.93	24.26	11.81	275.6	17.62	22.47	59.94	61.42	36.24	33.83	0	781.3	26.16	7.896	-0.005	12.79
3/9/2010 13:00	5522	14.77	263.9	17.72	29.63	12.29	263	19.15	26.05	62.09	63.54	32.98	30.2	0	856	26.16	7.889	-0.007	12.82
3/9/2010 14:00	5523	16	253.8	15.63	26.05	12.98	253.9	16.67	22.47	63.32	64.98	30	26.88	0	865	26.14	7.877	-0.013	14.38
3/9/2010 15:00	5524	14.77	255.5	15.55	26.05	12.05	255.4	17.43	20.68	64.75	66.34	26.8	23.58	0	806	26.11	7.858	-0.019	12.81
3/9/2010 16:00	5525	14.03	249	14.92	24.26	11.43	249.2	16.38	20.68	66.33	67.8	23.23	19.95	0	685.7	26.09	7.845	-0.013	12.68
3/9/2010 17:00	5526	13.28	261.9	16.53	22.47	10.94	261.9	18.04	20.68	67.51	68.94	21.31	18.03	0	509.1	26.07	7.826	-0.019	12.83
3/9/2010 18:00	5527	15.72	256.8	13.32	26.05	12.39	256.7	13.97	22.47	68.14	68.94	20.3	17.27	0	294.6	26.05	7.804	-0.022	13.42
3/9/2010 19:00	5528	12.78	254.6	21.74	24.26	9.71	254.8	21.18	22.47	65.34	65.45	22.05	19.73	0	75.52	26.04	7.773	-0.031	12.85
3/9/2010 20:00	5529	13.02	224.8	8.05	22.47	9.24	226.8	9.65	15.31	60.16	59.81	29.12	28.02	0	0.296	26.02	7.756	-0.017	12.27
3/9/2010 21:00	5530	10.11	235.9	13.24	17.1	6.928	236.2	13.57	13.52	56.62	56.11	31.65	31.17	0	0	25.99	7.73	-0.025	12.7
3/9/2010 22:00	5531	6.548	220.3	10.66	13.52	3.307	223.3	12.32	8.16	52.3	50.64	37.03	38.69	0	0	25.97	7.719	-0.011	12.61
3/9/2010 23:00	5532	5.777	213	9.11	11.74	2.271	216.2	14.68	9.95	49.79	47.87	40.73	43.65	0	0	25.93	7.717	-0.002	12.32
3/10/2010 0:00	5533	2.815	196.6	31.85	6.368	1.62	96	23.2	4.578	48.9	45.33	41.62	48.37	0	0	25.89	7.714	-0.003	12.21
3/10/2010 1:00	5534	4.38	203.2	23.99	9.95	1.435	180.1	42.87	4.578	47.82	45.23	43.75	48.17	0	0	25.86	7.708	-0.006	12.55
3/10/2010 2:00	5535	5.756	239.6	10.16	15.31	2.105	257.2	16.33	9.95	46.36	43.39	46.73	52.38	0	0	25.84	7.707	-0.002	12.2
3/10/2010 3:00	5536	7.213	227.7	9.53	13.52	3.123	236.9	17.62	6.368	45.21	42.47	49.02	55.09	0	0	25.84	7.704	-0.003	12.47
3/10/2010 4:00	5537	14.28	264.2	13.06	24.26	10.66	264.2	13.89	20.68	48.97	48.3	46.55	48.13	0	0	25.86	7.692	-0.011	12.47
3/10/2010 5:00	5538	20.47	288.3	7.869	36.78	16.5	288.9	10.54	29.63	47.12	47.27	56.66	57.29	0	0	25.89	7.682	-0.01	12.38
3/10/2010 6:00	5539	19.06	275.1	11.56	36.78	15.09	274.8	12.89	29.63	44.69	44.83	54.15	54.82	0	0	25.9	7.682	0	12.23
3/10/2010 7:00	5540	16.48	247.8	9.91	31.42	12.56	248	10.89	26.05	43.07	43.18	48.27	48.73	0	0.062	25.9	7.679	-0.003	12.2
3/10/2010 8:00	5541	15.22	249.6	8.36	26.05	11.7	249.3	9.61	18.89	41.8	42.02	38.3	37.98	0	48.32	25.89	7.67	-0.009	12.53
3/10/2010 9:00	5542	20.72	260.2	10.27	34.99	14.9	261.3	14.28	31.42	43.66	44.52	39.43	38.21	0	248.1	25.91	7.663	-0.007	12.17
3/10/2010 10:00	5543	24.62	264.9	10.62	36.78	17.15	267.3	15.14	29.63	45.48	46.66	40.17	38.53	0	428.4	25.93	7.656	-0.007	12.72
3/10/2010 11:00	5544	24.6	265.2	12.78	42.15	17.68	266.8	16.38	33.21	47.6	48.96	37.21	35.16	0	585.5	25.94	7.643	-0.013	12.78
3/10/2010 12:00	5545	26.62	272.4	11.6	42.15	19.56	274.6	14.67	36.78	51.61	53.16	31.65	29.05	0	773.2	25.95	7.629	-0.014	12.81
3/10/2010 13:00	5546	25.94	284.8	11.1	42.15	20.91	285.6	13.67	34.99	53.89	55.58	30.75	27.99	0	791.2	25.96	7.603	-0.025	12.87
3/10/2010 14:00	5547	23.96	289.1	11.74	40.36	19.69	290.1	14.59	33.21	55.56	57.2	30.84	28.08	0	765.5	25.96	7.591	-0.013	12.87
3/10/2010 15:00	5548	20.33	291.2	12.05	38.57	16.98	291.8	15	33.21	58.17	59.99	29.58	26.68	0	809	25.96	7.574	-0.017	14.13
3/10/2010 16:00	5549	18.68	296.4	12.42	31.42	15.59	298.2	14.96	29.63	59.32	60.83	28.64	25.94	0	658.9	25.96	7.567	-0.007	12.99
3/10/2010 17:00	5550	15.07	290.8	18.82	26.05	12.56	291.3	21.24	24.26	60.37	62.01	27.72	24.9	0	508.9	25.96	7.551	-0.016	12.96
3/10/2010 18:00	5551	14.05	314.6	16.43	22.47	11.77	315.6	17.43	18.89	59.42	60.68	30.61	28.45	0	292.6	25.96	7.539	-0.012	13.04
3/10/2010 19:00	5552	10.58	324.3	10.95	18.89	8.51	325.3	11.6	17.1	57.2	57.73	33.43	32.31	0	76.2	25.96	7.53	-0.008	14.54
3/10/2010 20:00	5553	6.607	323.2	16.11	9.95	3.902	317.7	24.8	6.368	53.43	51.56	37.35	39.73	0	0.313	25.95	7.512	-0.018	12.57
3/10/2010 21:00	5554	6.414	302.5	20.13	17.1	3.902	317.2	30.47	13.52	50.55	47.95	40.61	44.52	0	0	25.94	7.501	-0.011	12.47
3/10/2010 22:00	5555	8.44	280.6	13.87	17.1	5.714	282.2	16.82	13.52	49.15	48.37	40.32	41.51	0	0	25.95	7.495	-0.006	12.32
3/10/2010 23:00	5556	11.42	260.4	9.75	20.68	8.52	259.6	11	17.1	48.54	48.31	35.41	35.39	0	0	25.94	7.489	-0.006	12.47
3/11/2010 0:00	5557	15.97	279.5	12.67	24.26	12.58	279.4	14.57	22.47	48.92	48.87	35.5	34.96	0	0	25.94	7.479	-0.01	12.6
3/11/2010 1:00	5558	8.96	298.7	6.209	31.42	5.961	300.9	8.35	29.63	46.47	45.82	39.15	39.77	0	0	25.94	7.47	-0.01	12.26
3/11/2010 2:00	5559	5.577	294.8	13.01	8.16	2.419	308.1	17.01	4.578	42.47	40.24	45.47	49.53	0	0	25.92	7.468	-0.001	12.4
3/11/2010 3:00	5560	7.915	291.7	8.82	11.74	4.975	296.8	12.75	9.95	41.09	39.95	49.28	52.03	0	0	25.9	7.466	-0.003	12.38
3/11/2010 4:00	5561	8.16	256.5	28.11	15.31	5.33	263	21.62	11.74	41.06	40.85	52.91	54.06	0	0	25.91	7.463	-0.003	12.24
3/11/2010 5:00	5562	3.562	215.7	11.54	6.368	0.496	189.2	20.54	2.789	35.75	34.22	60.68	65.35	0	0	25.91	7.459	-0.003	12.2
3/11/2010 6:00	5563	3.85	217.2	11.68	6.368	1.46	176	25.16	4.578	35.8	33.12	61.2	67.83	0	0	25.9	7.461	0.001	12.6
3/11/2010 7:00	5564	1.831	137.5	55.16	6.368	2.345	83.6	51.04	6.368	35.1	32.42	62.56	71.74	0	0.082	25.9	7.458	-0.002	12.19
3/11/2010 8:00	5565	1.498	133.1	36.2	6.368	1.623	84.7	25.45	4.578	35.51	33.57	61.9	70.52	0	48.87	25.91	7.455	-0.003	12.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/11/2010 9:00	5566	8.6	255.3	24.49	20.68	6.908	253.7	25.49	17.1	42.97	43.72	50.24	50.41	0	248.2	25.95	7.449	-0.006	12.2
3/11/2010 10:00	5567	17.86	284.7	12.01	27.84	14.76	284.2	14.72	27.84	47.42	48.64	41.46	40.15	0	469.9	26.01	7.434	-0.015	12.36
3/11/2010 11:00	5568	18.8	299.9	12.92	31.42	15.59	302.1	14.92	26.05	48.06	49.44	47.21	45.8	0	532.7	26.05	7.426	-0.007	12.35
3/11/2010 12:00	5569	24.33	309.1	12.19	36.78	20.22	311.5	13.13	29.63	45.56	47.07	62.3	61.43	0	466.5	26.08	7.414	-0.012	12.37
3/11/2010 13:00	5570	21.22	288.8	13.62	33.21	17.57	290.3	16.18	29.63	46.6	48.71	64.6	62.53	0	899	26.09	7.407	-0.007	12.25
3/11/2010 14:00	5571	16.61	311.2	24.96	27.84	13.71	312.5	24.7	24.26	45.49	47.25	66.21	65.04	0	359.6	26.1	7.404	-0.003	12.6
3/11/2010 15:00	5572	17.18	340.3	14.02	27.84	13.67	339.2	15.47	24.26	46.2	48.23	62.52	61	0	551	26.1	7.391	-0.012	12.73
3/11/2010 16:00	5573	19.76	342.5	13.94	45.73	15.92	341.5	15.34	43.94	48.48	50.67	54.78	52.71	0	625.8	26.12	7.369	-0.023	12.66
3/11/2010 17:00	5574	19.51	340.9	12.35	31.42	15.88	339.4	13.55	26.05	50.51	52.39	48.16	46.29	0	442.9	26.15	7.362	-0.006	14.36
3/11/2010 18:00	5575	19.49	344.6	12.92	31.42	15.5	342.6	14.14	29.63	52.77	54.22	40.66	39.07	0	321.6	26.16	7.35	-0.013	12.87
3/11/2010 19:00	5576	16.35	336	8.65	27.84	13.53	335.2	10.08	24.26	51.52	52.09	39.29	38.49	0	59.55	26.18	7.344	-0.006	14.26
3/11/2010 20:00	5577	7.249	318.9	10.6	11.74	4.707	319.4	12.18	9.95	47.67	46.91	49	50.41	0	0.418	26.18	7.342	-0.002	12.34
3/11/2010 21:00	5578	5.906	324.5	9.63	8.16	3.817	329	11.99	6.368	45.08	44.18	53.54	56.31	0	0	26.18	7.336	-0.006	12.19
3/11/2010 22:00	5579	7.166	321.8	6.138	9.95	4.818	322.4	8.1	8.16	44.3	43.76	55.32	57.96	0	0	26.2	7.333	-0.003	12.49
3/11/2010 23:00	5580	5.723	331.9	14.36	11.74	3.651	334.4	18.23	8.16	43.97	43.61	56.28	58.83	0	0	26.2	7.33	-0.003	14
3/12/2010 0:00	5581	5.532	344.2	8.95	8.16	2.937	346.6	15.43	6.368	42.63	41.67	59.25	62.73	0	0	26.19	7.329	-0.002	12.32
3/12/2010 1:00	5582	4.908	336.2	10.32	11.74	1.822	349.9	11.16	4.578	40.99	39.53	65.34	69.98	0	0	26.18	7.326	-0.003	12.46
3/12/2010 2:00	5583	7.562	323.7	4.849	11.74	3.82	324	9.36	8.16	38.64	37.27	70.97	76.4	0	0	26.16	7.323	-0.003	12.32
3/12/2010 3:00	5584	5.073	311.7	13.28	11.74	2.477	298.2	27.5	8.16	35.31	34.48	77.66	82.2	0	0	26.15	7.323	0	12.18
3/12/2010 4:00	5585	6.069	319.8	9.16	9.95	2.996	313.4	10.32	8.16	35.05	34.17	79.06	84.6	0	0	26.14	7.32	-0.003	12.3
3/12/2010 5:00	5586	6.942	326.1	7.875	11.74	4.04	315.5	17.84	8.16	36.39	35.15	76.35	82.6	0	0	26.14	7.317	-0.003	12.15
3/12/2010 6:00	5587	8.36	323.8	3.732	9.95	5.442	320.7	8.1	8.16	35.33	34.82	78.48	83.7	0	0	26.15	7.317	0	12.24
3/12/2010 7:00	5588	6.42	319.4	6.779	9.95	3.766	317.4	9.21	8.16	34.76	33.93	80	85.6	0	0.168	26.16	7.314	-0.003	12.22
3/12/2010 8:00	5589	5.117	312.3	6.896	8.16	2.867	305.2	16.08	6.368	36.03	34.79	76.2	83	0	54.34	26.17	7.311	-0.003	12.31
3/12/2010 9:00	5590	9.39	304.2	10.39	22.47	7.988	306.7	12.35	20.68	43.3	44.08	62.95	64.43	0	256.2	26.22	7.299	-0.012	12.23
3/12/2010 10:00	5591	18.12	310.1	9.74	27.84	14.98	312.7	10.68	24.26	49.68	50.7	48.62	48.11	0	464.9	26.29	7.287	-0.011	12.58
3/12/2010 11:00	5592	20.81	314.5	9.5	31.42	17.38	316.3	9.87	29.63	52.47	53.79	42.31	40.91	0	654.5	26.33	7.274	-0.014	12.51
3/12/2010 12:00	5593	18.6	306.1	11.83	29.63	15.57	308.5	13.01	27.84	54.92	56.38	37.4	35.46	0	796.2	26.34	7.267	-0.007	12.25
3/12/2010 13:00	5594	14.67	310.7	15.09	26.05	12.39	312.1	16.04	22.47	57.53	59.16	34.84	32.6	0	871	26.34	7.26	-0.007	12.42
3/12/2010 14:00	5595	14.6	331.5	17.54	26.05	12.08	331.6	18.27	26.05	60.58	62.4	28.51	25.9	0	878	26.33	7.246	-0.014	13.57
3/12/2010 15:00	5596	16.45	323.1	14.81	27.84	13.88	323.5	14.78	26.05	62.25	63.97	20.62	17.65	0	826	26.32	7.224	-0.022	12.58
3/12/2010 16:00	5597	17.18	334.7	14.65	29.63	14.27	334.1	14.77	26.05	62.54	64.4	20.14	17.05	0	702	26.31	7.189	-0.035	13.29
3/12/2010 17:00	5598	14.42	342.2	14.09	26.05	11.76	341.1	16.02	24.26	63.09	64.58	20.77	17.85	0	520.6	26.3	7.173	-0.016	12.9
3/12/2010 18:00	5599	15.18	328.8	13.16	26.05	12.61	328.9	13.26	24.26	62.72	63.82	19.12	16.42	0	306.8	26.29	7.148	-0.025	12.9
3/12/2010 19:00	5600	11.68	334.3	8.39	20.68	9.5	333.7	9.75	18.89	61.05	61.23	20.18	18.19	0	83.9	26.29	7.133	-0.014	12.85
3/12/2010 20:00	5601	8.08	337.6	5.347	11.74	5.386	337.7	8.56	9.95	56.8	54.97	23.46	23.76	0	0.469	26.28	7.125	-0.009	12.74
3/12/2010 21:00	5602	9.96	343.8	8.7	15.31	6.976	343.5	14.17	11.74	56.83	54.88	23.4	23.7	0	0	26.27	7.116	-0.008	12.75
3/12/2010 22:00	5603	5.41	9.1	33.95	9.95	2.964	12.07	48.64	8.16	51.9	48.69	27.92	30.62	0	0	26.25	7.111	-0.005	12.69
3/12/2010 23:00	5604	2.053	318.2	60.33	6.368	1.427	76.61	58.26	4.578	44.35	40.02	36.23	43.61	0	0	26.23	7.102	-0.008	12.25
3/13/2010 0:00	5605	3.878	19.49	7.189	6.368	1.556	58.72	11.35	4.578	47.99	42.17	31.76	40.86	0	0	26.2	7.098	-0.005	12.22
3/13/2010 1:00	5606	3.792	24.66	6.413	8.16	2.134	54.49	27.48	6.368	48.5	44.43	29.59	35.54	0	0	26.19	7.095	-0.003	12.24
3/13/2010 2:00	5607	0.205	324.4	5.954	2.789	0.337	254.7	28.72	2.789	41.06	35.92	39.77	52.06	0	0	26.18	7.091	-0.003	12.16
3/13/2010 3:00	5608	0.785	336	24.75	4.578	0.421	65.02	9.64	4.578	40.28	35.02	41.05	55.19	0	0	26.16	7.088	-0.003	12.23
3/13/2010 4:00	5609	0.878	346.9	25.99	4.578	0.222	76.23	13.96	2.789	40.27	34.75	38.61	56.68	0	0	26.14	7.089	0.001	12.6
3/13/2010 5:00	5610	0.544	331.2	11.51	2.789	0.728	72.28	7.855	4.578	41.25	34.35	36.23	58.55	0	0	26.13	7.083	-0.006	12.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/13/2010 6:00	5611	0.754	23.29	9.8	4.578	0.758	92	25.2	4.578	43.17	33.57	31.02	60.02	0	0	26.12	7.08	-0.003	12.24
3/13/2010 7:00	5612	4.074	58.09	7.028	6.368	1.599	60.17	5.42	4.578	43.13	35	30.67	51.9	0	0.2	26.12	7.081	0	12.28
3/13/2010 8:00	5613	5.272	61.19	10.61	6.368	3.301	65.62	7.844	6.368	42.06	37.83	34.17	46.9	0	58.93	26.13	7.076	-0.005	12.22
3/13/2010 9:00	5614	5.399	123.8	50.26	11.74	3.847	117.5	60.88	9.95	50.26	50.86	31.97	32.88	0	263.9	26.17	7.074	-0.002	12.34
3/13/2010 10:00	5615	9.61	191.3	14.14	17.1	7.354	195.3	16.72	13.52	57.99	59.2	24.92	22.54	0	476.6	26.24	7.068	-0.006	12.72
3/13/2010 11:00	5616	10.58	208	14.24	17.1	8.36	212.1	15.76	15.31	61.46	62.74	23.57	20.69	0	667.5	26.28	7.062	-0.005	12.82
3/13/2010 12:00	5617	8.86	226.2	18.92	15.31	7.244	228.9	21.02	13.52	65.66	66.51	21.38	18.29	0	806	26.3	7.062	-0.001	12.84
3/13/2010 13:00	5618	10.3	225.4	25.97	18.89	8.29	226.8	26.92	18.89	69.44	70.47	19.03	15.61	0	883	26.29	7.051	-0.01	12.83
3/13/2010 14:00	5619	12.11	227.4	24	22.47	9.71	228.2	24.96	20.68	71.8	73.08	17.04	13.41	0	891	26.26	7.039	-0.013	12.99
3/13/2010 15:00	5620	11.3	236	25.75	22.47	9.08	236.9	26.92	18.89	73.61	74.9	14.86	11.1	0	830	26.23	7.016	-0.022	12.88
3/13/2010 16:00	5621	8.96	231.9	28.01	18.89	7.197	232.5	28.99	15.31	75.58	76.35	13.87	10.13	0	703.9	26.2	7.004	-0.013	13.09
3/13/2010 17:00	5622	10.76	228.3	20.24	20.68	8.56	229.1	20.16	18.89	75.95	76.86	12.94	9.18	0	524.7	26.18	6.975	-0.029	13.07
3/13/2010 18:00	5623	8.18	228.1	24.26	17.1	6.47	228.9	23.87	15.31	76.05	76.63	11.74	8.1	0	310	26.15	6.95	-0.025	12.88
3/13/2010 19:00	5624	9.11	217.1	10.75	17.1	6.134	218.6	12.13	13.52	73.04	72.44	13.37	10.63	0	87.1	26.13	6.929	-0.021	12.91
3/13/2010 20:00	5625	5.653	226.1	32.03	11.74	2.127	217.8	41.84	8.16	66.07	62.01	16.73	17.06	0	0.58	26.11	6.917	-0.011	12.69
3/13/2010 21:00	5626	3.505	132.2	43.92	8.16	3.154	82.7	14.36	6.368	62.41	56.14	17.84	23.4	0	0	26.08	6.909	-0.008	12.58
3/13/2010 22:00	5627	7.909	143.9	8.85	13.52	3.754	117.8	19.31	8.16	57.66	52.5	20.51	24.2	0	0	26.06	6.904	-0.005	12.53
3/13/2010 23:00	5628	4.433	160.8	26.96	9.95	1.328	142.6	37.8	6.368	52.44	50.12	25.57	26.61	0	0	26.04	6.899	-0.005	12.7
3/14/2010 0:00	5629	3.153	244	40.09	8.16	1.819	301.1	38.84	4.578	52.02	49.26	26.39	28.57	0	0	26.03	6.895	-0.003	12.21
3/14/2010 1:00	5630	4.193	225.2	18.7	8.16	1.493	261.1	27.79	6.368	53.39	50.08	25.3	27.5	0	0	26.03	6.889	-0.006	12.23
3/14/2010 2:00	5631	4.027	184.4	17.87	6.368	1.109	153.3	31.81	4.578	51.82	49.04	28.77	30.15	0	0	26.03	6.886	-0.003	12.16
3/14/2010 3:00	5632	3.659	189.8	9.56	6.368	0.243	152.8	20.5	2.789	49.46	45.87	32.47	35.48	0	0	26.02	6.883	-0.003	12.19
3/14/2010 4:00	5633	3.32	190.4	16.4	8.16	0.556	124.9	35.8	2.789	47.71	44.01	35.99	40.22	0	0	26	6.879	-0.004	12.35
3/14/2010 5:00	5634	4.509	189.7	13.46	6.368	0.918	138.1	19.67	2.789	46.53	43.26	38.56	42.12	0	0	26	6.876	-0.003	12.24
3/14/2010 6:00	5635	4.082	197.9	17.85	8.16	0.471	200.5	10.11	2.789	44.15	40.91	44.57	49.59	0	0	26	6.876	0	12.19
3/14/2010 7:00	5636	2.43	194.6	29.44	4.578	0.427	337.5	25.7	2.789	42.45	40.06	47.49	52.41	0	0.287	26.01	6.872	-0.003	12.21
3/14/2010 8:00	5637	2.791	262.2	12.39	4.578	1.315	296	11.37	4.578	43.99	42.89	45.92	50.09	0	62.7	26.03	6.872	0	12.29
3/14/2010 9:00	5638	2.912	238.1	22.47	6.368	2.307	239.3	22.22	6.368	51.9	52.58	38.22	37.01	0	267.6	26.09	6.87	-0.003	12.24
3/14/2010 10:00	5639	5.772	249.1	17.05	9.95	4.819	248.6	18.82	8.16	59.66	60.12	29.31	27.29	0	477.8	26.17	6.867	-0.003	12.95
3/14/2010 11:00	5640	6.929	242.9	21.83	15.31	5.794	243.4	22.8	13.52	67.83	68.37	23.53	20.79	0	671.8	26.23	6.865	-0.002	13.03
3/14/2010 12:00	5641	8.2	245.5	27.34	17.1	6.891	246.5	28.45	13.52	72.81	73.26	19.21	16.05	0	764	26.26	6.861	-0.004	12.98
3/14/2010 13:00	5642	6.465	169.3	71.63	15.31	5.271	176.1	72.98	13.52	74.61	75.43	17.84	14.39	0	763.3	26.27	6.858	-0.003	13.1
3/14/2010 14:00	5643	6.919	212.7	44.43	17.1	5.692	214.4	47.76	13.52	76.47	76.93	16.46	12.86	0	860	26.25	6.845	-0.013	13.2
3/14/2010 15:00	5644	10.27	214.4	36.05	20.68	8.13	217.3	36.79	18.89	77.02	78.04	15.51	11.63	0	786.8	26.24	6.83	-0.016	13.94
3/14/2010 16:00	5645	16.42	229.4	12.4	29.63	12.68	230.3	12.91	24.26	74.86	75.7	15.16	11.65	0	403.4	26.23	6.801	-0.029	14.27
3/14/2010 17:00	5646	14.51	241.2	14.07	29.63	11.28	241.6	14.99	22.47	74.15	74.58	14.72	11.41	0	259.1	26.2	6.776	-0.025	13.76
3/14/2010 18:00	5647	13.64	253.1	11.06	22.47	10.66	252.2	12.21	20.68	72.9	72.96	15.57	12.53	0	122	26.19	6.761	-0.015	13.01
3/14/2010 19:00	5648	11.99	262.9	38.28	20.68	9.33	263.2	39.06	17.1	72.2	72.17	17.78	14.98	0	98.7	26.2	6.742	-0.019	13.13
3/14/2010 20:00	5649	14.79	81.8	13.38	26.05	10.1	79.64	17.9	18.89	62.41	62.38	45.08	44.3	0	0.885	26.23	6.727	-0.015	12.24
3/14/2010 21:00	5650	18.23	62.77	7.945	31.42	13.08	61.17	11.63	24.26	57.9	57.95	55.55	55.54	0	0	26.24	6.712	-0.015	12.24
3/14/2010 22:00	5651	19.9	60.71	8.47	31.42	14.06	58.84	11.67	24.26	55.03	55.14	60.89	61.34	0	0	26.25	6.694	-0.018	12.44
3/14/2010 23:00	5652	21.72	57.28	8.93	36.78	14.67	55.79	11.92	27.84	52.72	52.91	65.65	66.55	0	0	26.26	6.66	-0.034	12.15
3/15/2010 0:00	5653	25.94	48.42	8.44	40.36	15.52	44.82	10.76	33.21	49.9	50.18	69.83	71.11	0	0	26.29	6.654	-0.006	12.19
3/15/2010 1:00	5654	27.04	52.91	8.45	47.52	17.26	50.14	11.71	33.21	47.55	47.91	70.31	71.69	0	0	26.29	6.645	-0.009	12.22
3/15/2010 2:00	5655	23.43	52.05	8.95	36.78	14.96	49.37	11.9	29.63	46	46.42	76.45	78.26	0	0	26.3	6.635	-0.01	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/15/2010 3:00	5656	23.25	42.59	9.27	38.57	13.47	39.6	10.18	29.63	44.55	45	79.59	81.7	0	0	26.32	6.629	-0.006	12.2
3/15/2010 4:00	5657	24.19	46.58	8.46	36.78	14.35	42.66	9.74	27.84	43.68	44.17	82.7	84.9	0	0	26.32	6.626	-0.003	12.2
3/15/2010 5:00	5658	24.65	60.72	8.47	38.57	17.58	58.86	11.78	33.21	43.46	43.9	83.3	85.7	0	0	26.3	6.623	-0.003	12.17
3/15/2010 6:00	5659	27.21	66.85	7.674	38.57	19.48	64.58	11.65	33.21	43.32	43.71	83.2	85.7	0	0	26.31	6.62	-0.003	12.47
3/15/2010 7:00	5660	23.94	68.67	8.58	36.78	17.19	66.12	12.21	31.42	42.9	43.25	87.4	90.7	0.01	0	26.35	6.617	-0.003	12.32
3/15/2010 8:00	5661	23.01	81.3	7.462	34.99	14.9	79.56	13.75	27.84	41.73	42.01	94.5	98.9	0.07	4.057	26.36	6.646	0.029	12.23
3/15/2010 9:00	5662	18.9	72.34	9	33.21	13.21	68.46	13.6	22.47	41.34	41.68	95.7	99.3	0.1	13.07	26.39	6.706	0.06	12.17
3/15/2010 10:00	5663	15.11	53.45	9.83	24.26	9.62	49.75	12.33	18.89	41.47	41.93	95	99	0.03	36.87	26.42	6.725	0.019	12.25
3/15/2010 11:00	5664	12.56	38.55	10.56	22.47	7.221	37.03	10.26	18.89	41.65	42.08	94.2	98.5	0.06	50.01	26.46	6.769	0.044	12.62
3/15/2010 12:00	5665	15.17	48.58	10.15	26.05	8.92	45.23	11.81	20.68	41.66	42.17	93.1	97.9	0.08	92.5	26.46	6.82	0.051	12.76
3/15/2010 13:00	5666	19.5	44.63	9.01	29.63	11.1	40.84	9.96	22.47	42.51	43.46	90.2	95.2	0.02	450.9	26.46	6.838	0.018	12.55
3/15/2010 14:00	5667	16.54	34.02	11.49	26.05	10.46	32.74	12.26	20.68	43.28	44.39	87.7	92.1	0	387	26.47	6.838	0	12.23
3/15/2010 15:00	5668	16.88	25.43	8.84	26.05	11.96	23.95	10.57	24.26	42.04	42.95	88.6	92.6	0	144.9	26.47	6.838	0	12.21
3/15/2010 16:00	5669	16.73	24.79	9.23	24.26	11.59	23.49	10.91	22.47	42.03	42.85	86.3	90.1	0	141	26.46	6.838	0	12.3
3/15/2010 17:00	5670	16.27	29.87	10.79	24.26	10.36	28.77	12.17	20.68	41.82	42.65	85.5	89.7	0	196.8	26.48	6.838	0	12.14
3/15/2010 18:00	5671	13.23	31.39	11.26	18.89	8.47	29.7	12.28	17.1	41.74	42.5	87.5	91.7	0	78.65	26.49	6.839	0	12.21
3/15/2010 19:00	5672	14.05	29.56	9.77	22.47	9.13	27.63	11.28	18.89	41.46	42.12	87.4	91.5	0.01	20.37	26.51	6.839	0	14.17
3/15/2010 20:00	5673	13.21	23.27	8.61	20.68	9.59	21.71	10.88	18.89	40.03	40.64	91.4	95.5	0	0.3	26.53	6.84	0.001	12.19
3/15/2010 21:00	5674	11.25	21.4	9.67	20.68	8.17	20.44	11.44	15.31	38.91	39.6	92.1	96.1	0	0	26.54	6.841	0	12.16
3/15/2010 22:00	5675	11.48	11.03	11.44	18.89	8.29	9.04	13.41	17.1	37.68	38.42	93.2	97.4	0.01	0	26.56	6.844	0.003	12.35
3/15/2010 23:00	5676	9.88	357.3	14.19	15.31	7.131	351	16.65	13.52	37.21	37.92	95	99	0.02	0	26.56	6.879	0.035	12.39
3/16/2010 0:00	5677	9.45	347.7	12.25	15.31	7.233	342.6	13.42	11.74	37.48	38.14	94.9	99.2	0	0	26.55	6.885	0.006	12.19
3/16/2010 1:00	5678	11.08	348.9	13.19	18.89	8.27	344.3	14.24	15.31	38.16	38.73	94.7	98.9	0.01	0	26.54	6.898	0.013	12.18
3/16/2010 2:00	5679	10.91	355.3	14.43	17.1	7.871	350.4	15.71	15.31	38.22	38.8	94.8	99	0	0	26.54	6.904	0.006	12.56
3/16/2010 3:00	5680	12.32	1.97	14.2	18.89	8.54	358.2	16.76	15.31	38.24	38.82	93.9	98.4	0	0	26.54	6.907	0.003	12.2
3/16/2010 4:00	5681	12.19	6.785	12.17	18.89	8.42	4.258	14.01	15.31	38.15	38.79	93.8	98.2	0	0	26.54	6.911	0.003	12.59
3/16/2010 5:00	5682	13.1	13.69	11.01	20.68	9.55	12.4	12.64	18.89	38.4	39.03	93.4	97.6	0	0	26.54	6.911	0	12.44
3/16/2010 6:00	5683	11.31	16.05	11.42	18.89	8.41	15.94	11.48	17.1	38.18	38.77	94.1	98.1	0	0	26.55	6.911	0	12.16
3/16/2010 7:00	5684	9.04	10.72	12.09	13.52	6.438	9.03	14.31	11.74	38.52	39.06	95.2	99.1	0	0.102	26.55	6.911	0	12.6
3/16/2010 8:00	5685	10.28	1.156	15	17.1	7.229	356.2	16.46	17.1	39.99	40.62	95.1	98.9	0	26.57	26.56	6.911	0	12.27
3/16/2010 9:00	5686	12.22	355.2	14.73	18.89	8.93	349.9	15.62	15.31	41.45	42.18	94.9	98.9	0	90.5	26.6	6.912	0.002	12.47
3/16/2010 10:00	5687	14.43	7.283	14.36	22.47	10.23	4.555	14.32	18.89	42.13	42.96	96	99	0.01	162.7	26.62	6.918	0.005	12.68
3/16/2010 11:00	5688	13.35	25.93	15.48	20.68	9.01	24.35	15.12	17.1	44.74	45.96	88.5	92.6	0	428.6	26.63	6.921	0.003	12.26
3/16/2010 12:00	5689	10.39	29.19	14.58	18.89	7.085	27.51	16.15	15.31	47.16	48.51	82.6	86.4	0	472.6	26.64	6.92	-0.001	12.19
3/16/2010 13:00	5690	11.39	28.75	16.34	18.89	7.958	26.63	16.94	17.1	50.59	52.03	73.69	76.94	0	584.1	26.66	6.922	0.002	13.07
3/16/2010 14:00	5691	10.89	20.09	16.45	20.68	8.03	19.01	18.35	17.1	52.62	54.13	67.89	70.54	0	661.3	26.65	6.922	0	12.25
3/16/2010 15:00	5692	9.72	13.58	18.78	17.1	7.353	10.42	20.27	15.31	53.83	55.34	64.6	66.81	0	542.4	26.64	6.921	0	12.46
3/16/2010 16:00	5693	9.71	3.644	17.97	17.1	7.545	1.904	21.54	15.31	55.36	56.67	61.32	63.27	0	481.7	26.63	6.921	-0.001	12.21
3/16/2010 17:00	5694	7.134	353.4	22.79	15.31	5.726	352.8	25.83	13.52	57.04	58.35	58.65	60.29	0	378.3	26.62	6.917	-0.003	12.89
3/16/2010 18:00	5695	4.599	326.7	24.56	13.52	3.957	327.2	26.18	11.74	57.16	58.11	55.85	57.29	0	168.7	26.61	6.918	0.001	12.17
3/16/2010 19:00	5696	3.647	244.4	25.77	8.16	2.634	246.5	25.31	6.368	57.48	57.85	54.14	55.43	0	83.3	26.59	6.919	0	12.25
3/16/2010 20:00	5697	3.801	106.2	29.07	6.368	2.154	84.6	21.22	4.578	54.24	51.99	59.64	70.7	0	0.778	26.58	6.919	0.001	12.28
3/16/2010 21:00	5698	5.593	160.3	7.872	8.16	1.979	124.5	10.7	4.578	51.13	47.65	65.16	76.76	0	0	26.55	6.921	0.001	12.17
3/16/2010 22:00	5699	3.429	175.6	18.89	6.368	1.109	144.3	23.88	4.578	47.67	46.1	73.53	81.1	0	0	26.54	6.918	-0.003	12.24
3/16/2010 23:00	5700	0.348	133.4	7.327	2.789	0.682	87	8.33	4.578	45.26	44.57	78.91	85.6	0	0	26.53	6.918	0.001	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/17/2010 0:00	5701	3.554	153.4	18.1	8.16	1.628	118.9	22.36	4.578	43.49	40.96	83.2	92.9	0	0	26.5	6.92	0.002	12.22
3/17/2010 1:00	5702	1.227	198.4	44.93	4.578	0.261	20.87	27.93	2.789	40.91	39.47	88.3	96.2	0	0	26.48	6.92	0	12.19
3/17/2010 2:00	5703	5.056	267.4	23.42	8.16	2.515	268.4	31.7	4.578	38.05	35.7	91.3	98.9	0	0	26.46	6.92	0	12.31
3/17/2010 3:00	5704	5.231	302.5	5.807	8.16	1.18	303.6	12.84	4.578	41.43	37.69	76.55	91.9	0	0	26.44	6.917	-0.003	12.31
3/17/2010 4:00	5705	4.401	295.6	6.745	6.368	0.877	256.8	7.741	2.789	40.36	38.36	82.1	90.8	0	0	26.42	6.917	0	12.19
3/17/2010 5:00	5706	5.213	308.3	9.1	8.16	2.429	294.9	19.31	6.368	39.8	38.23	81.4	90.4	0	0	26.4	6.917	0	12.31
3/17/2010 6:00	5707	7.452	311.2	12.15	11.74	4.971	305.7	22.05	8.16	39.15	38.78	82.2	88.8	0	0	26.41	6.917	0	12.16
3/17/2010 7:00	5708	9.12	316.3	7.511	13.52	6.336	316.4	8.9	9.95	39.71	39.41	78.16	84.6	0	0.47	26.42	6.917	0	12.52
3/17/2010 8:00	5709	9.26	311.9	6.279	13.52	6.733	312	7.153	11.74	40.87	40.96	76.33	81.9	0	70.04	26.44	6.914	-0.003	14.05
3/17/2010 9:00	5710	9.13	310.2	9.41	13.52	7.611	312.3	10.04	11.74	46.95	47.74	67.42	70.55	0	279.6	26.47	6.915	0.001	12.26
3/17/2010 10:00	5711	9.86	289.1	13.93	17.1	8.27	289.7	17.03	15.31	54.61	55.35	60.27	62.07	0	490.1	26.52	6.912	-0.002	12.19
3/17/2010 11:00	5712	12.13	273	13.11	18.89	9.65	272.2	15.79	17.1	61.22	62.25	44.7	44.88	0	679.7	26.57	6.914	0.002	12.17
3/17/2010 12:00	5713	10.79	290.6	15.99	18.89	9.11	291.1	18.68	17.1	64.94	65.78	35.36	35.48	0	817	26.58	6.913	-0.001	12.49
3/17/2010 13:00	5714	9.57	299.8	21.63	17.1	8.26	301.5	24.26	15.31	67.4	68.26	31.7	31.32	0	892	26.57	6.906	-0.007	12.41
3/17/2010 14:00	5715	8.55	290.1	25.83	20.68	7.303	291	29.58	20.68	69.82	70.65	28.62	27.54	0	900	26.56	6.899	-0.007	12.21
3/17/2010 15:00	5716	7.65	275.8	40.09	18.89	6.517	277.4	41.44	17.1	71.72	72.3	27.3	25.76	0	835	26.55	6.893	-0.006	12.22
3/17/2010 16:00	5717	8.73	308.6	36.48	24.26	7.357	310.8	37.57	20.68	73.19	73.78	25	23.6	0	709.4	26.53	6.871	-0.022	12.78
3/17/2010 17:00	5718	8.04	5.542	35.85	17.1	6.415	4.069	37.6	13.52	73.57	74.47	21.09	19.27	0	539.4	26.51	6.868	-0.003	13.58
3/17/2010 18:00	5719	7.36	5.687	28.15	15.31	5.62	4.428	30.53	13.52	73.29	74.07	21.51	20.02	0	335.3	26.5	6.852	-0.016	12.6
3/17/2010 19:00	5720	7.241	39.15	17.76	13.52	4.528	40.13	16.9	11.74	71.43	71.4	22.46	21.64	0	105.4	26.48	6.834	-0.018	12.24
3/17/2010 20:00	5721	8.92	66.02	15.4	13.52	5.211	62	14.99	9.95	63.63	62.23	34.97	37.28	0	0.987	26.46	6.822	-0.011	12.22
3/17/2010 21:00	5722	12.78	76.93	6.766	22.47	8	70.59	12.75	15.31	58.37	57.3	50.55	52.97	0	0	26.44	6.808	-0.015	12.23
3/17/2010 22:00	5723	12.08	80.1	6.979	17.1	7.541	76.45	13.56	13.52	55.24	54.49	61.31	64.31	0	0	26.43	6.796	-0.012	12.3
3/17/2010 23:00	5724	9.27	87.7	11.24	18.89	5.523	86.1	18.54	13.52	51.72	50.69	67.67	72.24	0	0	26.42	6.79	-0.006	12.2
3/18/2010 0:00	5725	10.84	91.9	7.401	17.1	7.258	89.7	12.51	11.74	49.84	49.34	74.09	77.95	0	0	26.41	6.784	-0.006	12.69
3/18/2010 1:00	5726	11.97	87.5	8.99	18.89	7.95	84.7	14.13	15.31	47.74	47.4	82.8	86.9	0	0	26.4	6.781	-0.003	12.25
3/18/2010 2:00	5727	14.27	82.2	8.06	20.68	9.24	79.32	14.21	17.1	46.09	45.97	89.6	93.7	0	0	26.38	6.775	-0.006	12.17
3/18/2010 3:00	5728	11.3	85.6	6.791	18.89	7.359	83.4	12.92	13.52	44.12	44.1	95.4	98.9	0	0	26.37	6.772	-0.003	12.21
3/18/2010 4:00	5729	7.293	81.8	25.7	13.52	4.862	74.06	25.02	9.95	41.85	41.84	98.9	99.3	0	0	26.36	6.773	0.001	12.21
3/18/2010 5:00	5730	3.506	89.9	19.25	8.16	1.59	80.5	19.02	6.368	40.63	40.36	99.9	99.3	0	0	26.35	6.771	-0.002	12.27
3/18/2010 6:00	5731	1.88	112.7	58.19	8.16	1.617	125	59.82	4.578	40.12	40.49	99.9	99.3	0	0	26.35	6.771	0	12.27
3/18/2010 7:00	5732	4.476	120.8	14.8	9.95	3.17	118.8	17.95	6.368	40.42	40.93	99.9	99.3	0	0.413	26.35	6.771	0	12.16
3/18/2010 8:00	5733	3.204	120.7	21.21	6.368	2.359	120.4	24.27	4.578	39.82	40.42	99.9	99.3	0	35.99	26.35	6.771	0	12.22
3/18/2010 9:00	5734	5.514	124.2	21.48	9.95	4.169	123.9	25.78	9.95	42.37	43.78	99.9	99.3	0	261	26.36	6.769	-0.002	12.19
3/18/2010 10:00	5735	8.81	132.7	12.56	15.31	6.522	133.9	18.16	13.52	49.17	51.55	87.9	81.9	0	496.2	26.39	6.77	0.001	12.54
3/18/2010 11:00	5736	11.18	160.1	16.08	18.89	8.02	163.1	20.2	15.31	55.68	57.65	62.57	61.37	0	685.2	26.43	6.766	-0.004	12.3
3/18/2010 12:00	5737	12.57	161.6	16.28	18.89	8.97	165.1	19.67	15.31	59.98	62.16	52.62	49.93	0	821	26.44	6.768	0.002	12.15
3/18/2010 13:00	5738	12.4	169.7	17.74	22.47	8.84	172.4	21.85	18.89	64.13	66.39	44.1	40.88	0	895	26.43	6.755	-0.013	14.18
3/18/2010 14:00	5739	11.64	196.8	19.33	22.47	8.88	201	20.95	17.1	67.52	69.34	36.4	33.29	0	903	26.41	6.744	-0.011	12.35
3/18/2010 15:00	5740	11.42	193.4	22.3	22.47	8.69	196.8	24.63	18.89	69.49	71.27	29.86	26.67	0	845	26.37	6.728	-0.016	12.4
3/18/2010 16:00	5741	13.52	182.9	21.34	24.26	9.82	186.3	23.36	22.47	70.35	72.27	28.11	24.9	0	718.8	26.34	6.703	-0.025	12.53
3/18/2010 17:00	5742	14.31	176	16.8	24.26	9.96	179.1	20.71	18.89	71.04	72.83	25.94	22.87	0	538.9	26.31	6.677	-0.025	12.57
3/18/2010 18:00	5743	15.74	173.4	12.78	24.26	10.48	176.7	16.21	20.68	70.62	71.91	25.49	22.85	0	321.3	26.28	6.659	-0.018	12.54
3/18/2010 19:00	5744	12.57	164	9.54	26.05	8.05	166	14.1	17.1	68.69	68.82	30.71	29.42	0	93.1	26.26	6.637	-0.022	12.54
3/18/2010 20:00	5745	9.54	146.6	6.723	13.52	5.244	145.3	11.62	9.95	61.89	60.6	38.86	40.5	0	0.881	26.23	6.623	-0.014	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/18/2010 21:00	5746	12.24	143.3	7.362	18.89	7.533	144.7	12.67	15.31	59.67	58.92	41.23	42.26	0	0	26.2	6.614	-0.009	12.45
3/18/2010 22:00	5747	12.42	146.9	7.637	18.89	7.8	147.9	11.97	17.1	58.46	57.84	43.51	44.51	0	0	26.19	6.605	-0.009	12.35
3/18/2010 23:00	5748	12.63	146.5	7.5	18.89	7.881	147.8	12.07	13.52	56.77	56.16	45.11	46.32	0	0	26.17	6.596	-0.009	12.33
3/19/2010 0:00	5749	10.09	156	7.79	17.1	5.788	157.2	12.34	11.74	53.8	52.89	49.29	51.59	0	0	26.15	6.59	-0.006	12.48
3/19/2010 1:00	5750	12.89	170.5	8.36	27.84	8.03	173.7	12.78	15.31	55.19	54.63	49.12	50.57	0	0	26.13	6.584	-0.006	12.16
3/19/2010 2:00	5751	11.62	172.6	7.823	18.89	7.123	176.8	12.39	13.52	52.87	52.38	55.24	57.12	0	0	26.12	6.578	-0.006	14.26
3/19/2010 3:00	5752	11.72	174.6	8.15	18.89	7.399	177.9	12.52	13.52	51.64	51.25	61.98	64.4	0	0	26.1	6.575	-0.002	13.82
3/19/2010 4:00	5753	8.77	182.7	9.99	17.1	5.518	187.5	13.7	11.74	50.08	49.69	68.75	72	0	0	26.08	6.569	-0.006	12.38
3/19/2010 5:00	5754	10.01	183.8	8.45	17.1	6.091	188.9	12.55	11.74	48.7	48.25	75.78	79.88	0	0	26.06	6.562	-0.006	12.45
3/19/2010 6:00	5755	7.703	193.3	9.5	13.52	4.787	197.6	12.52	9.95	47.88	47.44	82.5	87	0	0	26.05	6.559	-0.003	13.26
3/19/2010 7:00	5756	7.199	203.8	9.18	9.95	4.308	208.4	12.39	6.368	46.38	45.7	87.4	92.9	0	0.574	26.04	6.556	-0.003	12.16
3/19/2010 8:00	5757	6.481	224.1	7.112	9.95	3.859	233.4	8.28	6.368	44.74	44.42	91.3	96.2	0	32.71	26.04	6.55	-0.006	12.58
3/19/2010 9:00	5758	6.594	221.7	11.4	15.31	4.966	225.5	13.12	11.74	47.49	48.09	89.2	92.3	0	172.8	26.05	6.55	0	14.1
3/19/2010 10:00	5759	11.02	227	13.12	17.1	8.61	228.7	13.67	13.52	54.9	55.84	70.5	71.43	0	427	26.09	6.548	-0.002	12.76
3/19/2010 11:00	5760	12.64	253.7	16.22	18.89	10.37	253.9	17.12	17.1	63.66	64.71	47.65	46.41	0	698.4	26.14	6.549	0.001	12.66
3/19/2010 12:00	5761	14.41	277.1	15.34	26.05	11.99	276.7	17.94	22.47	70.6	71.76	27.69	25.38	0	838	26.18	6.535	-0.014	12.71
3/19/2010 13:00	5762	13.68	292.4	18.64	27.84	11.48	294.9	21.2	22.47	72.46	73.39	24.57	22.18	0	896	26.18	6.525	-0.01	12.91
3/19/2010 14:00	5763	11.2	345.8	57.41	24.26	9.02	345.2	55.94	20.68	72.28	73.63	28.47	26.11	0	900	26.18	6.506	-0.019	12.85
3/19/2010 15:00	5764	10.7	15.81	36.58	22.47	7.925	15.1	36.38	18.89	71.14	72.11	32.99	31.09	0	708.6	26.17	6.49	-0.016	12.74
3/19/2010 16:00	5765	13.08	33.42	15.96	24.26	8.63	31.4	17.05	20.68	69.85	71.07	36.66	34.8	0	703.1	26.15	6.478	-0.013	12.76
3/19/2010 17:00	5766	17.04	36.16	12.44	26.05	10.66	34.23	13.11	20.68	67.31	68.4	41.29	39.67	0	513.6	26.14	6.456	-0.022	12.77
3/19/2010 18:00	5767	20.12	49.11	11.44	31.42	12.86	46.66	13.07	26.05	64.4	65.36	48.95	47.87	0	317.9	26.14	6.434	-0.022	12.65
3/19/2010 19:00	5768	19.76	51.53	9.02	31.42	12.21	48.75	12.08	26.05	57.64	58.2	59.96	60.25	0	36.9	26.13	6.414	-0.02	12.77
3/19/2010 20:00	5769	20.63	43.17	10.46	31.42	12.06	39.88	11.39	24.26	52.83	53.35	65.09	66.12	0	0.504	26.13	6.39	-0.024	13.89
3/19/2010 21:00	5770	24.44	41.59	10.61	36.78	14.56	39.61	10.98	31.42	47.15	47.79	70.91	72.43	0	0	26.12	6.372	-0.018	12.5
3/19/2010 22:00	5771	26.88	22.04	12.81	42.15	18.85	21.3	13.35	36.78	41.98	42.82	77.76	79.41	0	0	26.17	6.353	-0.019	12.22
3/19/2010 23:00	5772	27.95	12.98	10.58	43.94	20.93	12.03	12.1	38.57	37.62	38.6	81.5	83.2	0	0	26.21	6.342	-0.011	12.26
3/20/2010 0:00	5773	25.89	24.94	11.12	43.94	18.24	23.58	11.88	40.36	36.68	37.53	75.71	77.38	0	0	26.21	6.339	-0.003	12.49
3/20/2010 1:00	5774	22.73	43.46	10.42	47.52	13.74	40.34	11.56	29.63	35.66	36.48	75.03	76.86	0	0	26.21	6.33	-0.01	12.24
3/20/2010 2:00	5775	21.75	21.4	11.51	34.99	15.42	20.55	12.56	31.42	34.17	35.05	79.06	81	0	0	26.26	6.32	-0.01	12.22
3/20/2010 3:00	5776	22.5	8.74	10.98	34.99	16.93	8.09	12.85	29.63	32.77	33.7	78.16	79.95	0	0	26.28	6.317	-0.003	12.79
3/20/2010 4:00	5777	23.88	6.147	9.47	40.36	17.82	4.847	11.29	33.21	31.25	32.19	79.57	81.5	0	0	26.29	6.311	-0.006	12.37
3/20/2010 5:00	5778	24.04	21.19	9.97	42.15	17.52	20.28	10.96	40.36	29.57	30.39	78.45	80.5	0	0	26.28	6.309	-0.002	12.41
3/20/2010 6:00	5779	19.88	11.38	10.88	36.78	15.01	10.49	12.5	31.42	29.18	30	79.22	81.4	0	0	26.3	6.307	-0.002	12.38
3/20/2010 7:00	5780	19.3	7.255	9.75	34.99	14.37	5.996	12.23	31.42	28.84	29.7	77.42	79.46	0	0.609	26.33	6.303	-0.003	12.67
3/20/2010 8:00	5781	16.83	3.516	10.59	27.84	12.59	2.023	12.8	22.47	28.74	29.71	75.21	77.19	0	74.41	26.36	6.3	-0.003	12.2
3/20/2010 9:00	5782	21.85	2.58	10.48	34.99	16.28	1.078	12.62	27.84	30.42	31.81	70.56	71.63	0	291.4	26.39	6.296	-0.005	12.22
3/20/2010 10:00	5783	22.08	11.84	12.48	36.78	16.42	11.31	14.29	29.63	31.73	33.17	65.49	65.91	0	480.3	26.44	6.292	-0.004	12.27
3/20/2010 11:00	5784	20.05	3.922	12.24	33.21	15.16	2.704	14.27	27.84	33.35	35.2	63.12	62.7	0	514	26.48	6.289	-0.003	12.49
3/20/2010 12:00	5785	20.43	359.7	13.3	33.21	15.45	358	15.56	27.84	35.13	37.2	58.11	57.03	0	528.3	26.5	6.281	-0.008	12.49
3/20/2010 13:00	5786	19.71	2.521	12.94	33.21	15.21	1.343	15.16	27.84	36.52	38.46	54.16	53.03	0	654.8	26.5	6.267	-0.013	12.5
3/20/2010 14:00	5787	19.96	1.44	14.03	31.42	15.36	0.891	16.1	29.63	38.4	40.42	50.79	49.31	0	674.6	26.51	6.261	-0.006	12.55
3/20/2010 15:00	5788	21.01	351.6	12	34.99	16.36	349.2	14.32	31.42	40.1	42.58	48.29	46.28	0	808	26.51	6.236	-0.026	12.81
3/20/2010 16:00	5789	21.53	352.7	12.89	34.99	16.77	351.1	15.13	29.63	40.96	43.29	45.12	43.12	0	647.6	26.52	6.228	-0.007	12.65
3/20/2010 17:00	5790	20.93	345.2	13.27	31.42	16.53	343.7	14.8	27.84	42.17	44.12	41.24	39.54	0	508.7	26.51	6.21	-0.018	12.82

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/20/2010 18:00	5791	17.29	354.6	13.32	31.42	13.33	353.3	14.91	26.05	42.59	44.25	39.8	38.41	0	335.4	26.5	6.175	-0.035	12.38
3/20/2010 19:00	5792	12.95	358.5	13.83	24.26	10.04	357.1	16.04	20.68	41.64	42.58	41	40.35	0	89.8	26.49	6.169	-0.006	12.85
3/20/2010 20:00	5793	5.388	17.46	13.33	9.95	3.595	13.6	16.04	8.16	39.02	39.33	45.73	46.36	0	1.102	26.46	6.167	-0.002	12.42
3/20/2010 21:00	5794	2.18	257.8	32.34	6.368	0.81	209.4	19.37	4.578	35.71	33.87	52.03	57.89	0	0	26.44	6.165	-0.003	12.27
3/20/2010 22:00	5795	3.864	270.2	20.47	9.95	2.109	278	31.09	6.368	34.82	33.19	54.6	60.73	0	0	26.42	6.163	-0.002	12.21
3/20/2010 23:00	5796	6.761	301.7	4.829	8.16	3.305	307.5	4.942	4.578	34.09	32.2	59.74	67.01	0	0	26.4	6.164	0.001	12.42
3/21/2010 0:00	5797	6.532	301.5	7.341	8.16	2.946	298	13.02	4.578	32.72	30.82	63.18	70.99	0	0	26.39	6.161	-0.003	12.34
3/21/2010 1:00	5798	6.23	292.4	10.41	9.95	2.578	289.8	23.03	4.578	31.24	29	65.97	74.96	0	0	26.37	6.161	0	12.17
3/21/2010 2:00	5799	8.01	306.7	6.277	11.74	4.947	307.2	8.65	8.16	30.67	29.87	69	75.28	0	0	26.35	6.157	-0.003	12.17
3/21/2010 3:00	5800	7.685	309.2	7.824	11.74	5.35	309.9	9.19	8.16	29.14	29.28	72.49	76.56	0	0	26.35	6.157	0	12.22
3/21/2010 4:00	5801	7.056	305.2	5.925	9.95	4.487	304.8	8.13	8.16	28.43	28.32	73.75	78.44	0	0	26.33	6.157	0	12.42
3/21/2010 5:00	5802	6.854	349	40.43	13.52	4.233	350.9	39.89	9.95	28.27	28.12	74.42	79.23	0	0	26.32	6.154	-0.003	12.31
3/21/2010 6:00	5803	7.081	30.29	12.47	11.74	4.184	34.34	14.23	9.95	28.81	28.92	72.85	76.63	0	0	26.33	6.154	0	12.17
3/21/2010 7:00	5804	8.18	7.867	10.12	11.74	5.58	6.025	12.54	11.74	28.72	28.84	73.47	77.36	0	1.284	26.34	6.154	0	12.17
3/21/2010 8:00	5805	7.846	355.4	9.1	11.74	5.323	356.9	12.06	8.16	32.48	32.78	66.05	70.14	0	90.6	26.35	6.154	0	12.56
3/21/2010 9:00	5806	7.852	326.4	16.01	11.74	6.713	326.3	15.6	9.95	37.96	39.2	58.82	59.82	0	303.5	26.39	6.152	-0.002	12.37
3/21/2010 10:00	5807	8.55	317.6	12.78	13.52	7.446	318.7	14.22	11.74	42.45	43.46	51.31	51.51	0	518	26.44	6.147	-0.005	12.73
3/21/2010 11:00	5808	9.51	332.5	21.71	18.89	8.01	332.9	22.38	17.1	48.64	49.85	37.73	36.99	0	708.5	26.49	6.145	-0.002	12.8
3/21/2010 12:00	5809	14.72	332.9	15.87	27.84	12.21	333.1	16.26	24.26	52.96	54.67	28.16	26.35	0	848	26.51	6.132	-0.013	12.97
3/21/2010 13:00	5810	16.16	337.3	15.37	26.05	13.48	337	16.1	24.26	55.66	57.61	22.97	20.63	0	919	26.51	6.122	-0.01	14.22
3/21/2010 14:00	5811	16.31	343	14.11	27.84	13.28	341.8	15.87	22.47	57.46	59.7	20.98	18.35	0	921	26.5	6.115	-0.007	12.98
3/21/2010 15:00	5812	14.4	333.7	17.7	26.05	11.96	332.6	17.76	24.26	59.15	60.92	22.27	19.69	0	856	26.49	6.102	-0.013	13.93
3/21/2010 16:00	5813	12.26	340.1	21.17	22.47	10.07	339.9	22.02	20.68	60.65	62.36	21.38	18.8	0	727.7	26.47	6.083	-0.019	12.86
3/21/2010 17:00	5814	11.41	333.3	20.31	18.89	9.55	332.9	21.33	17.1	61.82	63.11	20.57	18	0	549	26.46	6.073	-0.01	13.03
3/21/2010 18:00	5815	10.77	342.1	17.21	18.89	8.84	340.9	17.76	18.89	61.83	62.84	21.25	19	0	329.3	26.44	6.058	-0.015	12.8
3/21/2010 19:00	5816	6.593	334.4	13.81	13.52	5.017	333.7	15.66	11.74	60.66	60.63	21.62	20.65	0	98.7	26.43	6.046	-0.012	12.84
3/21/2010 20:00	5817	4.206	323.2	14.02	6.368	2.272	337.6	24.42	4.578	56.49	53.32	24.52	28.7	0	1.08	26.42	6.034	-0.011	12.54
3/21/2010 21:00	5818	5.201	329.7	27.38	8.16	2.171	350.5	36.49	6.368	54.76	50.02	25.98	32.9	0	0	26.4	6.029	-0.005	12.48
3/21/2010 22:00	5819	2.246	332	17.33	4.578	0.961	107.3	15.74	4.578	50.03	44.41	31.35	41.33	0	0	26.38	6.023	-0.006	12.65
3/21/2010 23:00	5820	2.235	307.2	23.95	8.16	1.211	131.3	42.87	6.368	46.48	40.83	35.38	47.93	0	0	26.35	6.019	-0.005	12.6
3/22/2010 0:00	5821	1.314	35.56	21.58	6.368	2.236	78.6	25.73	6.368	45.17	40.02	36.24	52.1	0	0	26.33	6.016	-0.003	12.43
3/22/2010 1:00	5822	3.108	34.71	33.71	8.16	1.732	56.82	26.66	6.368	40.54	36.83	46.77	59.36	0	0	26.31	6.009	-0.006	12.63
3/22/2010 2:00	5823	2.314	43.18	17.68	4.578	1.494	64.69	13.4	4.578	41.09	36.53	42.82	58.42	0	0	26.29	6.003	-0.006	13.23
3/22/2010 3:00	5824	0.328	36.87	10.16	2.789	0.651	71.49	27.84	4.578	41.42	34.88	39.24	65.17	0	0	26.27	6.001	-0.002	12.24
3/22/2010 4:00	5825	0.959	292.2	7.321	2.789	1.154	82.5	12.62	2.789	40.75	33.8	41.08	65.75	0	0	26.24	5.998	-0.003	13.74
3/22/2010 5:00	5826	2.144	285.2	6.343	4.578	0.007	319.3	0.02	2.789	40.16	34.31	43.92	64.46	0	0	26.24	5.995	-0.003	12.65
3/22/2010 6:00	5827	3.438	284.1	8.93	6.368	0.709	304.9	2.052	4.578	39.51	33.5	45.24	65.52	0	0	26.24	6.011	0.016	12.64
3/22/2010 7:00	5828	4.147	286.8	7.259	8.16	1.456	311.4	6.146	4.578	39.96	35.33	41.6	55.98	0	1.375	26.25	9.09	3.078	12.16
3/22/2010 8:00	5829	1.332	225.4	30.9	2.789	0.545	89.4	8.65	2.789	42.09	38.65	40.14	58.74	0	106.2	26.25	9.09	-0.002	12.37
3/22/2010 9:00	5830	5.282	209.1	15.38	11.74	4.087	214.4	14.88	9.95	49.03	49.48	37.4	38.48	0	246.2	26.28	9.08	-0.003	12.37
3/22/2010 10:00	5831	8.53	219.2	11.62	13.52	6.865	221.1	12.94	11.74	54.77	55.61	30.16	28.99	0	412.9	26.34	9.08	0	12.58
3/22/2010 11:00	5832	13.36	207.8	10.35	20.68	10.33	210.6	12.79	17.1	60.92	62.4	22.48	20.05	0	725.3	26.37	9.09	0.001	12.65
3/22/2010 12:00	5833	12.95	209.6	13.62	18.89	10.17	211.5	15.38	17.1	65.51	67.14	19.1	15.98	0	853	26.39	9.08	-0.001	12.63
3/22/2010 13:00	5834	12.45	219.5	14.75	20.68	9.87	220.8	16.8	17.1	68.22	69.62	17.47	14.22	0	784.2	26.39	9.08	-0.008	12.78
3/22/2010 14:00	5835	12.29	222.3	18.54	24.26	9.8	224.5	19.1	18.89	70.91	72.01	15.3	11.91	0	914	26.37	9.06	-0.013	12.79

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/22/2010 15:00	5836	12.06	229.7	22.12	22.47	9.69	231.8	22.62	18.89	73.31	74.36	14.17	10.68	0	874	26.34	9.05	-0.013	12.82
3/22/2010 16:00	5837	11.48	235.8	21.98	20.68	9.21	236.7	22.7	17.1	74.97	75.82	13.69	10.21	0	744.6	26.31	9.03	-0.019	13
3/22/2010 17:00	5838	12.34	233.7	17.53	22.47	9.78	234.6	18.55	18.89	75.68	76.57	12.7	9.26	0	555.3	26.28	9.01	-0.019	12.86
3/22/2010 18:00	5839	12.03	218	13.65	20.68	9.13	219.7	14.85	17.1	75.7	76.32	12.47	9.17	0	336.5	26.26	8.98	-0.032	12.86
3/22/2010 19:00	5840	11.27	209.5	9.78	20.68	7.756	211.7	11.63	15.31	72.79	72.31	14	11.48	0	96.1	26.25	8.96	-0.021	12.78
3/22/2010 20:00	5841	7.955	180.1	11.58	11.74	3.441	166.1	17.17	8.16	63.91	60.26	19.62	20.71	0	1.175	26.23	8.95	-0.011	12.58
3/22/2010 21:00	5842	8.55	158.9	8.23	11.74	3.815	153.4	12.49	6.368	58.88	55.53	23.39	25.4	0	0	26.19	8.94	-0.008	12.59
3/22/2010 22:00	5843	8.4	145.2	7.465	11.74	3.889	132.8	18.11	8.16	55.89	53.09	25.6	27.67	0	0	26.16	8.93	-0.012	12.76
3/22/2010 23:00	5844	5.87	180.2	22.49	11.74	2.705	201.8	37.27	6.368	53.37	50.91	27.98	30.19	0	0	26.15	8.93	-0.005	12.58
3/23/2010 0:00	5845	4.417	209	12.96	8.16	1.365	239.6	11.1	4.578	50.75	48.13	32.65	35.16	0	0	26.14	8.92	-0.006	12.53
3/23/2010 1:00	5846	5.334	201.2	9.77	8.16	2.166	213.9	14.36	4.578	51.23	48.56	35.34	38.23	0	0	26.12	8.91	-0.006	12.85
3/23/2010 2:00	5847	5.667	175.6	22.01	9.95	2.388	163.7	35.43	6.368	49.12	46.4	38.88	42.85	0	0	26.11	8.91	0	13.88
3/23/2010 3:00	5848	4.88	158.4	17.65	8.16	1.782	127.9	27.74	4.578	46.87	44.55	42.49	46.55	0	0	26.08	8.91	-0.005	12.7
3/23/2010 4:00	5849	2.871	191.2	10.24	6.368	0.289	157.3	20.94	2.789	45.96	42.95	43.58	48.92	0	0	26.06	8.91	-0.002	13.78
3/23/2010 5:00	5850	5.083	224	22.17	9.95	2.289	216	42.27	6.368	45.7	41.32	44.76	54.67	0	0	26.05	8.9	-0.003	12.42
3/23/2010 6:00	5851	3.828	225.1	19.5	8.16	0.955	277.4	22.26	4.578	43.38	41.25	49.22	54.63	0	0	26.05	8.9	0	12.41
3/23/2010 7:00	5852	3.787	265.5	19.42	8.16	2.332	302.6	12.23	6.368	43.37	41.11	49.38	55.73	0	1.129	26.05	8.9	-0.003	12.5
3/23/2010 8:00	5853	3.426	255.2	17.09	6.368	1.636	270.6	21.17	4.578	45.07	44.53	48.57	52.07	0	92.1	26.07	8.9	-0.004	12.62
3/23/2010 9:00	5854	6.258	221	10.8	9.95	5.151	224.1	12.34	8.16	50.93	51.64	41.86	41.09	0	309.5	26.11	8.89	-0.007	12.82
3/23/2010 10:00	5855	7.429	221.4	12.66	13.52	5.984	223.7	13.72	11.74	59.27	59.99	33.56	31.93	0	520.8	26.17	8.89	-0.003	12.89
3/23/2010 11:00	5856	9.05	224.4	15.62	15.31	7.38	224.9	16.29	13.52	68.47	69.21	24.77	22.3	0	709.8	26.21	8.88	-0.006	12.97
3/23/2010 12:00	5857	12.24	241.9	17.03	26.05	9.97	242	18.14	20.68	76.23	76.94	16.76	13.68	0	848	26.23	8.87	-0.011	12.98
3/23/2010 13:00	5858	15.06	253.8	18.84	26.05	12.13	253.6	19.76	22.47	78.34	79.41	14.04	10.63	0	905	26.23	8.85	-0.016	14.52
3/23/2010 14:00	5859	15.14	250.2	15.27	27.84	8.15	248.9	14.41	22.47	79.16	80.4	13.23	9.68	0	907	26.2	8.84	-0.019	12.76
3/23/2010 15:00	5860	15.26	239.4	18.68	31.42	11.82	217.7	34.68	24.26	79.87	81.1	12.74	9.17	0	707.1	26.18	8.81	-0.022	14.07
3/23/2010 16:00	5861	13.33	256.8	55.36	36.78	14.44	237.8	14.64	27.84	79.51	78.88	12.89	9.69	0.13	302.2	26.16	8.78	-0.032	13.41
3/23/2010 17:00	5862	16.51	266.6	22.59	38.57	15.69	246	14.1	29.63	76.35	76.22	16.03	13.03	0	127.1	26.16	8.75	-0.031	12.73
3/23/2010 18:00	5863	17.73	251.7	29.86	38.57	13.56	251.3	32.44	33.21	72.1	72.12	22.32	20.06	0	56.61	26.18	8.72	-0.034	12.91
3/23/2010 19:00	5864	19.47	276.2	12.88	34.99	15.29	275.3	15.2	29.63	66.85	67.07	34.13	32.61	0	16.15	26.22	8.71	-0.012	12.73
3/23/2010 20:00	5865	18.66	269.5	11.33	29.63	14.65	268.9	13.55	26.05	61.21	61.57	53.7	53.43	0	0.131	26.23	8.69	-0.014	12.55
3/23/2010 21:00	5866	16.03	288.8	16.89	27.84	12.55	289.5	19.78	26.05	55.81	55.77	72.27	76.74	0.01	0	26.2	8.67	-0.021	12.68
3/23/2010 22:00	5867	12.91	309.6	15.24	29.63	10.09	310.7	14.92	24.26	57.01	56.74	62.54	67.07	0	0	26.16	8.67	0	12.61
3/23/2010 23:00	5868	11.45	314.8	36.82	29.63	8.82	314.4	36.98	24.26	59.75	59.02	52.61	57.36	0	0	26.16	8.67	0	13.53
3/24/2010 0:00	5869	17.9	295.7	19.01	36.78	13.88	296.6	21.24	33.21	62.42	62.04	47.4	49.84	0	0	26.15	8.67	-0.004	12.81
3/24/2010 1:00	5870	9.99	253.6	35.7	24.26	7.151	249.5	40.26	20.68	61.21	60.64	48.57	51.55	0	0	26.17	8.67	0.003	13.96
3/24/2010 2:00	5871	5.703	237	15.36	8.16	3.012	240	19.81	6.368	57.78	56.91	56.83	61.66	0	0	26.16	8.67	-0.003	12.7
3/24/2010 3:00	5872	6.529	216.9	10.23	13.52	3.862	217	13.23	9.95	55.62	55.07	62.77	67.43	0	0	26.16	8.66	-0.002	12.76
3/24/2010 4:00	5873	4.731	275.1	27.3	8.16	2.84	286.1	32.23	6.368	53.75	53.03	67.45	73.56	0	0	26.14	8.66	-0.003	12.44
3/24/2010 5:00	5874	4.365	302.4	39.98	8.16	2.871	294.3	54.06	6.368	53.7	52.59	67.03	74.58	0	0	26.13	8.66	0	12.6
3/24/2010 6:00	5875	3.959	296.1	37.31	8.16	2.357	293.9	46.77	6.368	52.1	51.13	70.93	78.12	0	0	26.13	8.66	-0.003	12.54
3/24/2010 7:00	5876	9.42	319.6	22.24	20.68	6.956	322.5	22.51	18.89	50.36	50.09	71.51	76.03	0	1.122	26.15	8.65	-0.005	12.26
3/24/2010 8:00	5877	9.5	342	10.06	18.89	7.446	339	11.76	15.31	50.35	50.95	69.81	72.37	0	91	26.15	8.05	-0.606	12.62
3/24/2010 9:00	5878	12.84	333.7	13.51	20.68	10.46	331.3	14.54	18.89	53.78	54.94	63.64	64.7	0.02	304.4	26.19	8.04	-0.008	12.69
3/24/2010 10:00	5879	17.71	320.6	10.63	27.84	14.57	320.4	10.89	24.26	56.79	57.99	50.63	50.31	0	459.4	26.23	8.03	-0.01	12.76
3/24/2010 11:00	5880	16.86	314.6	10.64	26.05	13.98	315.2	10.98	26.05	57.28	58.32	44.19	43.47	0	317	26.26	8.02	-0.013	12.82

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/24/2010 12:00	5881	15.62	326	12.67	24.26	13.17	325.6	12.8	22.47	56.07	57.67	52.44	51.3	0	552.3	26.26	8.01	-0.006	12.72
3/24/2010 13:00	5882	15.23	359	18.25	24.26	11.96	356.4	19.04	24.26	56.51	58.61	56.07	54.52	0	837	26.26	8	-0.008	12.93
3/24/2010 14:00	5883	14.47	350.5	18.35	29.63	11.72	349	20.05	24.26	57.49	59.76	50.86	48.93	0	900	26.27	7.966	-0.035	12.46
3/24/2010 15:00	5884	14.34	342	18.61	27.84	11.75	340.2	19.36	22.47	58.18	60.38	44.08	41.99	0	649.2	26.28	7.946	-0.02	12.81
3/24/2010 16:00	5885	15.32	351	18.43	26.05	12.27	349.9	19.91	24.26	56.48	58.21	44.93	43.26	0	361.5	26.26	7.936	-0.01	12.86
3/24/2010 17:00	5886	16.02	345.9	15.08	26.05	12.96	344.1	16.93	24.26	56.16	58.1	46.97	45.19	0	486	26.26	7.917	-0.019	12.87
3/24/2010 18:00	5887	18.89	349.8	10.76	36.78	14.64	347.4	13.27	31.42	54.3	55.55	45.44	44.33	0	131.4	26.28	7.895	-0.022	12.89
3/24/2010 19:00	5888	18.7	344.5	11.45	34.99	14.86	341.9	13.14	33.21	50.2	51.21	52.09	51.61	0	42.2	26.3	7.887	-0.008	12.85
3/24/2010 20:00	5889	17.19	359.7	9.31	29.63	12.77	357.3	11.27	24.26	47.05	47.82	54.75	54.68	0	1.406	26.3	7.875	-0.012	12.81
3/24/2010 21:00	5890	16.81	358	9.59	27.84	12.44	355.9	12.07	22.47	42.34	43.1	62.86	63.49	0	0	26.31	7.863	-0.012	12.74
3/24/2010 22:00	5891	14.97	351.3	9.09	26.05	11.18	349.1	11.54	20.68	40.1	40.75	65.97	67.27	0	0	26.32	7.855	-0.008	13.3
3/24/2010 23:00	5892	12.94	338.7	9.2	20.68	10.6	336.6	10.9	17.1	38.64	39.25	70.72	72.58	0	0	26.32	7.853	-0.002	12.76
3/25/2010 0:00	5893	10.11	322.7	16.93	17.1	8.24	321.4	17.83	15.31	38.09	38.59	73.66	75.97	0	0	26.33	7.85	-0.003	12.47
3/25/2010 1:00	5894	6.403	299.6	21.93	13.52	4.667	299	24.13	9.95	36.9	37.17	76.93	80	0	0	26.33	7.843	-0.006	12.59
3/25/2010 2:00	5895	9.61	320.2	19.6	17.1	7.595	322	19.76	17.1	36.61	36.83	78.85	82.2	0	0	26.33	7.84	-0.003	12.56
3/25/2010 3:00	5896	10.91	321.1	8.01	15.31	8.92	322.3	8.82	13.52	36.68	37.14	79.7	82.8	0	0	26.32	7.837	-0.003	12.61
3/25/2010 4:00	5897	9.62	328.2	8.41	15.31	7.653	327.9	9.44	13.52	35.38	35.84	82.8	86.1	0	0	26.31	7.837	0	12.56
3/25/2010 5:00	5898	5.178	283.9	19.41	9.95	3.515	273.9	23.59	8.16	33.29	33.51	86.8	90.6	0	0	26.31	7.834	-0.003	12.36
3/25/2010 6:00	5899	5.587	263.8	9.53	9.95	3.102	254.3	17.56	6.368	32.75	31.39	87.5	93.6	0	0	26.32	7.829	-0.005	12.41
3/25/2010 7:00	5900	6.822	301.6	12.52	11.74	4.037	308.6	13.92	9.95	33.29	31.57	85.2	93.2	0	2.096	26.33	7.827	-0.002	12.74
3/25/2010 8:00	5901	9.01	311.7	9.33	13.52	7.211	313.2	9.96	11.74	35.04	35.72	82.9	86.6	0	100	26.35	7.825	-0.002	12.58
3/25/2010 9:00	5902	9.15	313.6	10.85	13.52	7.747	314.7	11.67	13.52	40.73	41.94	71.79	73.51	0	316.1	26.4	7.823	-0.002	12.19
3/25/2010 10:00	5903	8.69	315	22.82	15.31	7.48	316.7	23.96	13.52	47.06	48.17	58.59	58.97	0	527.3	26.45	7.817	-0.005	12.41
3/25/2010 11:00	5904	7.734	344.3	27.91	15.31	6.511	344	29.17	15.31	51.48	53.03	47.35	46.7	0	712.9	26.49	7.816	-0.002	13.76
3/25/2010 12:00	5905	8.22	315.1	30.8	15.31	7.028	314.4	32.92	15.31	54.62	56.05	43.52	42.24	0	847	26.51	7.811	-0.004	12.51
3/25/2010 13:00	5906	7.776	289	29.47	17.1	6.663	287.9	34.54	15.31	57.98	59.15	39.47	37.66	0	919	26.5	7.801	-0.011	12.44
3/25/2010 14:00	5907	7.409	283.8	48.71	17.1	6.222	283.3	49.97	15.31	60.87	62.01	35.84	33.81	0	922	26.48	7.794	-0.007	12.52
3/25/2010 15:00	5908	6.832	246	37.84	18.89	5.69	244.6	38.97	17.1	63.44	64.16	33.1	30.7	0	856	26.46	7.788	-0.006	12.86
3/25/2010 16:00	5909	8.15	247.7	27.84	17.1	6.508	247.7	28.44	15.31	64.22	65.23	31.08	28.38	0	727.4	26.43	7.778	-0.01	13.12
3/25/2010 17:00	5910	6.909	255.8	31.87	15.31	5.778	254	34.62	13.52	65.13	65.84	28.81	26.4	0	548.3	26.41	7.763	-0.016	13.83
3/25/2010 18:00	5911	8.07	225.2	25.91	15.31	6.321	226	29.44	11.74	64.17	65.07	29.07	26.62	0	327.9	26.39	7.75	-0.013	12.94
3/25/2010 19:00	5912	7.706	219.5	15.79	13.52	5.5	220	17.99	11.74	62.03	62.19	30.5	29.22	0	102.7	26.37	7.726	-0.024	12.99
3/25/2010 20:00	5913	7.384	164.8	18.21	9.95	3.174	152.2	25.12	6.368	55.32	52.82	36.73	39.57	0	1.26	26.33	7.718	-0.008	14.36
3/25/2010 21:00	5914	7.376	143.6	5.703	9.95	2.757	123.1	13.49	4.578	51.12	47.86	41.03	46.33	0	0	26.3	7.714	-0.004	12.77
3/25/2010 22:00	5915	8.32	144.8	5.294	11.74	3.602	136.2	12.44	6.368	48.91	46.41	43.77	48.47	0	0	26.28	7.704	-0.009	12.74
3/25/2010 23:00	5916	7.121	152	7.186	9.95	3.08	146.1	13.06	6.368	46.65	44.81	46.63	50.62	0	0	26.26	7.698	-0.006	12.63
3/26/2010 0:00	5917	7.646	167.8	7.493	11.74	3.428	170.4	14.18	6.368	44.72	43.23	50.19	53.98	0	0	26.24	7.696	-0.002	12.52
3/26/2010 1:00	5918	4.502	174.3	17.62	9.95	0.976	168.7	23.99	4.578	42.86	41.51	53.71	57.46	0	0	26.22	7.691	-0.005	13.97
3/26/2010 2:00	5919	5.58	176.4	12.47	9.95	1.751	197	11.23	6.368	41.91	40.26	55.71	60.89	0	0	26.19	7.685	-0.006	12.44
3/26/2010 3:00	5920	4.204	173.4	15.16	6.368	1.002	180.9	20.43	4.578	41.14	39.87	56.27	60.64	0	0	26.17	7.685	0	12.24
3/26/2010 4:00	5921	3.721	167.6	11.26	6.368	0.503	144.7	10.5	2.789	41.39	39.77	55.29	60.19	0	0	26.14	7.682	-0.003	12.65
3/26/2010 5:00	5922	3.79	171.8	16.64	8.16	0.636	175.1	18.48	4.578	40.46	39.01	58.3	63.07	0	0	26.12	7.678	-0.003	12.51
3/26/2010 6:00	5923	9.46	181.6	9.71	18.89	5.603	185.3	15.35	13.52	43.91	43.03	55.27	59	0	0	26.12	7.675	-0.003	12.27
3/26/2010 7:00	5924	10.48	180	9.24	17.1	6.474	185.2	13.64	13.52	44.41	43.93	53.82	56.24	0	2.913	26.13	7.672	-0.003	12.5
3/26/2010 8:00	5925	11.22	182.7	8.64	20.68	7.381	186.6	13.08	15.31	47.37	47.74	50.2	50.78	0	109.7	26.14	7.67	-0.002	14.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/26/2010 9:00	5926	16.99	183.6	8.59	27.84	11.5	187.4	12.93	22.47	52.86	53.91	42.91	41.96	0	291.7	26.17	7.659	-0.011	12.82
3/26/2010 10:00	5927	18.48	184	9.44	26.05	12.83	187.4	13.35	22.47	57.84	59.55	37.5	35.33	0	525.8	26.2	7.654	-0.005	12.88
3/26/2010 11:00	5928	18.93	194.9	10.7	27.84	13.65	199.4	13.39	22.47	64.36	66.35	30.56	27.72	0	721.5	26.22	7.636	-0.018	12.92
3/26/2010 12:00	5929	20.2	212.3	12.55	31.42	15.06	214.4	13.77	26.05	69.43	71.36	25.03	21.89	0	861	26.23	7.62	-0.016	13.12
3/26/2010 13:00	5930	22.62	212.9	11.51	38.57	16.8	214.7	13.22	29.63	73.99	75.83	20.71	17.31	0	931	26.21	7.596	-0.023	12.91
3/26/2010 14:00	5931	25.95	219.2	13.17	42.15	19.32	221.1	14.53	36.78	77.38	78.99	15.72	12.15	0	930	26.17	7.571	-0.025	13.24
3/26/2010 15:00	5932	26.6	219.1	11.06	42.15	19.76	220.2	12.95	34.99	79.83	81.2	11.79	8.11	0	864	26.12	7.539	-0.032	13.01
3/26/2010 16:00	5933	26.94	225.2	11.4	45.73	20.3	226.9	12.96	36.78	81	82.1	10.17	6.488	0	735.8	26.08	7.498	-0.041	12.88
3/26/2010 17:00	5934	29.96	238.9	12.48	51.1	23.01	239	13.2	42.15	82.1	82.7	8.08	4.38	0	540.6	26.04	7.454	-0.044	13.02
3/26/2010 18:00	5935	32.18	242.7	9.93	51.1	24.64	242.8	10.74	42.15	81.2	81.3	7.675	4.039	0	268.5	26.01	7.403	-0.051	13.03
3/26/2010 19:00	5936	30.86	240.6	8.18	52.89	23.55	241	9.18	42.15	79.12	78.88	6.618	3.002	0	59.54	25.99	7.359	-0.044	12.97
3/26/2010 20:00	5937	25.5	247.4	9.89	40.36	19.46	247.2	10.53	34.99	76.52	76.14	6.273	2.724	0	1.206	26	7.325	-0.034	12.84
3/26/2010 21:00	5938	33.85	279.3	10.67	52.89	27.04	278.8	12.81	47.52	72.08	71.92	8.32	4.855	0	0.007	26.04	7.265	-0.06	12.84
3/26/2010 22:00	5939	26.31	280.2	9.51	45.73	20.85	279.5	12.07	38.57	66.69	66.45	12.93	9.96	0	0.001	26.08	7.26	-0.005	14.43
3/26/2010 23:00	5940	17.81	287.4	8.42	38.57	14.13	288.2	11.35	33.21	62.78	62.46	16.32	13.81	0	0	26.1	7.255	-0.005	12.96
3/27/2010 0:00	5941	16.22	290.2	7.47	27.84	12.9	291.2	10.52	24.26	59.79	59.44	22.11	20.22	0	0	26.1	7.226	-0.028	12.74
3/27/2010 1:00	5942	13.48	297.6	8.55	24.26	10.57	300.1	10.55	18.89	57	56.61	24.77	23.29	0	0	26.08	7.214	-0.012	13.26
3/27/2010 2:00	5943	11.37	288.7	12.92	17.1	8.6	289.8	15.9	15.31	53.77	53.32	26.64	25.54	0	0	26.07	7.199	-0.015	12.8
3/27/2010 3:00	5944	8.27	300.6	12.03	15.31	5.673	302.6	15.29	11.74	50.99	50.14	30.53	30.41	0	0	26.08	7.19	-0.008	12.37
3/27/2010 4:00	5945	7.582	296.1	33.48	17.1	5.236	291	42.05	9.95	49.49	48.79	35.24	35.33	0	0	26.07	7.184	-0.006	12.79
3/27/2010 5:00	5946	6.598	290.4	18.92	11.74	4.088	291.5	26.5	8.16	48.08	46.34	39.5	41.41	0	0	26.07	7.178	-0.006	12.68
3/27/2010 6:00	5947	7.729	275.4	20.22	22.47	5.249	269.1	25.62	17.1	46.79	45.57	45.99	47.62	0	0	26.09	7.168	-0.009	14.12
3/27/2010 7:00	5948	15.76	309.1	9.18	31.42	12.58	311.4	10.08	27.84	48.99	48.76	40.57	40.62	0	3.058	26.11	7.156	-0.013	12.98
3/27/2010 8:00	5949	14.39	305.3	8.59	27.84	11.6	308.4	9.67	22.47	49.25	49.52	36.58	35.87	0	113.4	26.16	7.152	-0.003	12.71
3/27/2010 9:00	5950	20.67	315.5	9.64	40.36	16.82	317.3	9.92	34.99	51.76	52.52	37.32	36.18	0	334.4	26.21	7.129	-0.024	13.83
3/27/2010 10:00	5951	24.78	322.6	9.17	34.99	20.62	323.4	9.51	33.21	53.93	55.06	34.98	33.37	0	548.1	26.25	7.125	-0.004	12.22
3/27/2010 11:00	5952	21.75	321.7	12.3	33.21	18.17	322.3	12.29	31.42	56.15	57.64	33.79	31.67	0	734.9	26.29	7.118	-0.006	13.01
3/27/2010 12:00	5953	19.81	328.4	11.79	31.42	16.73	328.4	12.61	29.63	58.55	60.41	32.8	30.3	0	865	26.31	7.104	-0.014	12.87
3/27/2010 13:00	5954	18.5	318.8	16.13	31.42	15.56	319.9	15.95	27.84	60.83	62.51	29.42	26.83	0	944	26.33	7.088	-0.017	12.92
3/27/2010 14:00	5955	16.87	325.4	18.53	40.36	14.08	326.2	18.38	26.05	62.62	64.5	25.55	22.71	0	923	26.33	7.075	-0.013	13.08
3/27/2010 15:00	5956	16.91	335.5	20.19	29.63	13.91	335.2	19.96	24.26	63.45	65.46	23.71	20.76	0	885	26.34	7.059	-0.016	12.95
3/27/2010 16:00	5957	19.72	3.469	13.63	31.42	15.09	1.883	15.78	31.42	61.22	62.7	29.27	26.75	0	431.6	26.35	7.043	-0.016	12.93
3/27/2010 17:00	5958	20.77	7.503	14.96	36.78	15.73	6.762	16.95	31.42	59.2	60.27	34.27	32.3	0	299.2	26.35	7.019	-0.024	13.09
3/27/2010 18:00	5959	17.14	1.364	13.23	29.63	12.81	359.2	15.13	26.05	59.04	59.84	34.55	32.9	0	206.5	26.36	7.001	-0.018	14.56
3/27/2010 19:00	5960	13.73	355.9	9.78	24.26	10.11	354.2	11.8	18.89	57.66	57.99	34.95	33.82	0	51.47	26.38	6.979	-0.022	13.17
3/27/2010 20:00	5961	10.77	1.19	8.14	17.1	7.772	357.7	9.97	13.52	54.5	54.51	37.03	36.34	0	1.468	26.38	6.967	-0.012	12.65
3/27/2010 21:00	5962	10.24	6.31	7.35	15.31	7.283	2.732	10.08	11.74	51.12	51.15	43.13	42.84	0	0	26.4	6.958	-0.009	12.66
3/27/2010 22:00	5963	10.43	11.12	8.41	17.1	7.865	10.85	9.94	15.31	48.61	48.66	47.5	47.44	0	0	26.42	6.943	-0.015	12.65
3/27/2010 23:00	5964	12.09	7.45	7.604	18.89	8.57	5.477	9.6	15.31	47.81	47.79	48.93	49.15	0	0	26.43	6.934	-0.01	12.32
3/28/2010 0:00	5965	9.99	6.183	8.17	15.31	7.162	3.069	10.91	11.74	46.16	46.2	51.96	52.31	0	0	26.44	6.93	-0.003	12.84
3/28/2010 1:00	5966	9.26	1.165	7.906	15.31	6.263	356.6	9.8	11.74	43.75	43.65	57.71	58.8	0	0	26.44	6.924	-0.006	12.64
3/28/2010 2:00	5967	11.14	1.737	7.684	18.89	7.94	359	9.62	15.31	42.95	42.97	61.89	63.18	0	0	26.43	6.922	-0.002	12.62
3/28/2010 3:00	5968	13.16	2.667	7.94	22.47	9.36	0.841	10.13	18.89	43.67	43.66	62.14	63.53	0	0	26.42	6.916	-0.007	12.64
3/28/2010 4:00	5969	15.2	6.213	8.89	24.26	11.14	5.149	11.15	20.68	43.71	43.76	59.93	61.07	0	0	26.42	6.906	-0.01	12.74
3/28/2010 5:00	5970	14.8	10.33	9.45	22.47	11.12	9.81	10.75	18.89	43.2	43.29	60.31	61.42	0	0	26.43	6.903	-0.003	12.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/28/2010 6:00	5971	11.8	1.417	9.55	22.47	8.45	359.7	12.17	20.68	42.97	42.92	60.68	62.21	0	0	26.45	6.9	-0.002	12.73
3/28/2010 7:00	5972	9.52	343.1	15.62	15.31	6.715	341.9	15.63	13.52	41.37	41.17	63.55	65.9	0	3.22	26.47	6.898	-0.003	12.68
3/28/2010 8:00	5973	8.81	321.5	7.579	13.52	6.958	322.7	9.06	11.74	39.87	40.3	66.55	68.44	0	113.1	26.49	6.891	-0.006	12.64
3/28/2010 9:00	5974	9.12	326.4	11.07	15.31	7.898	326.8	11.78	11.74	45.62	46.71	57.96	58.07	0	330.7	26.53	6.889	-0.002	13.63
3/28/2010 10:00	5975	12.64	3.437	15.25	20.68	9.78	1.642	17.96	18.89	52.99	54.16	45.57	44.8	0	539.6	26.58	6.881	-0.008	12.85
3/28/2010 11:00	5976	13.73	1.539	14.61	22.47	10.62	360	16.99	20.68	56.45	57.89	38.4	36.91	0	730.8	26.62	6.874	-0.007	13.02
3/28/2010 12:00	5977	11.68	351	27.19	24.26	9.36	351.9	28.97	20.68	59.21	60.73	34.54	32.67	0	864	26.63	6.863	-0.011	13.31
3/28/2010 13:00	5978	12.22	343.4	23.79	22.47	10.06	342.7	26.01	20.68	61.31	63.13	31.55	29.25	0	933	26.62	6.859	-0.004	13.05
3/28/2010 14:00	5979	11.6	325.9	35.43	22.47	9.57	327.3	36.06	18.89	63.35	65.05	28.85	26.37	0	931	26.6	6.846	-0.013	14.45
3/28/2010 15:00	5980	11.55	331.6	23.9	22.47	9.83	331.5	24.87	22.47	64.26	66.06	26.91	24.32	0	862	26.58	6.834	-0.013	13.02
3/28/2010 16:00	5981	10.45	315.9	24.37	22.47	9.02	316.7	26.23	20.68	65.43	66.71	26.67	24.17	0	731.8	26.55	6.821	-0.013	14.81
3/28/2010 17:00	5982	10.95	308.3	20.93	20.68	9.28	309.5	22.97	18.89	65.41	66.57	26.48	23.99	0	554.6	26.53	6.799	-0.022	14.72
3/28/2010 18:00	5983	8.61	307.2	17.5	18.89	7.456	306.8	23.1	15.31	65.44	66.1	25.12	22.88	0	340.8	26.51	6.786	-0.013	13.02
3/28/2010 19:00	5984	6.872	302.1	17.64	11.74	5.526	304.6	18.6	11.74	64.19	64.32	25.84	24.25	0	115.8	26.49	6.778	-0.009	13
3/28/2010 20:00	5985	5.648	289.7	6.665	8.16	2.799	306.9	10.63	4.578	59.47	56.89	30.46	31.88	0	2.252	26.47	6.763	-0.014	12.73
3/28/2010 21:00	5986	1.93	290.4	14.17	6.368	0.315	117.6	15.08	4.578	54.32	51.14	35.09	38.41	0	0	26.44	6.745	-0.018	12.7
3/28/2010 22:00	5987	0.057	237.6	5.263	2.789	1.69	96.4	10.71	4.578	51.23	47.66	37.52	44.25	0	0	26.42	6.737	-0.008	12.84
3/28/2010 23:00	5988	1.416	205.2	11.67	6.368	1.399	90.7	25.54	4.578	49.16	46.22	39.62	45.36	0	0	26.39	6.734	-0.003	12.88
3/29/2010 0:00	5989	1.022	231	4.582	4.578	0.057	67.04	0.577	2.789	47.72	44.05	40.96	53.69	0	0	26.37	6.732	-0.002	12.71
3/29/2010 1:00	5990	2.524	240.1	7.397	4.578	0.162	343.6	2.743	2.789	46.96	43.66	41.95	51.16	0	0	26.36	6.73	-0.002	12.25
3/29/2010 2:00	5991	4.318	237	6.738	6.368	0.308	265.6	8.42	4.578	46.57	43.09	42.4	50.13	0	0	26.34	6.726	-0.003	12.22
3/29/2010 3:00	5992	5.192	236.5	6.386	8.16	1.218	271.5	6.472	4.578	44.67	41.65	45.26	51.46	0	0	26.32	6.714	-0.013	12.79
3/29/2010 4:00	5993	4.784	265.9	21.29	8.16	2.367	296.6	20.93	4.578	44.84	42.41	45.42	50.62	0	0	26.31	6.711	-0.003	12.23
3/29/2010 5:00	5994	5.013	290.8	9.14	6.368	3.41	320.2	7.972	4.578	45.56	42.36	44.93	51.7	0	0	26.3	6.711	0	12.2
3/29/2010 6:00	5995	3.659	266.4	12.91	6.368	1.56	311.8	4.276	4.578	44.95	41.38	46.05	52.7	0	0	26.29	6.707	-0.003	12.5
3/29/2010 7:00	5996	1.757	252.4	14.69	4.578	0.046	56.16	4.993	2.789	42.87	38.36	48.61	60.44	0	3.726	26.29	6.707	0	12.8
3/29/2010 8:00	5997	2.441	273.4	15.82	4.578	1.212	286.7	15.2	4.578	44.53	43.58	49.52	54.91	0	117.8	26.29	6.707	0	12.72
3/29/2010 9:00	5998	4.807	218.4	16.04	8.16	4.037	219.1	16.12	8.16	51.82	52.53	42.25	41.35	0	336.7	26.34	6.704	-0.003	14.37
3/29/2010 10:00	5999	7.342	220.3	14.34	13.52	6.028	222.3	15.57	11.74	59.01	59.7	33.35	31.64	0	551.6	26.4	6.703	-0.002	12.93
3/29/2010 11:00	6000	9.92	219.1	12.96	17.1	8.06	219.7	14.35	13.52	66.26	67.26	25.97	23.44	0	741.6	26.44	6.694	-0.008	13.13
3/29/2010 12:00	6001	11.31	213.2	17.25	20.68	8.92	215.7	17.8	18.89	70.07	71.37	22.15	19.07	0	878	26.45	6.684	-0.011	12.96
3/29/2010 13:00	6002	12.14	218.6	19.82	22.47	9.58	220.1	21.23	20.68	72.06	73.41	17.31	13.94	0	952	26.44	6.662	-0.022	14.25
3/29/2010 14:00	6003	13.99	212.3	14.68	26.05	10.87	214.9	16.57	24.26	73.6	75.21	14.36	10.8	0	956	26.41	6.639	-0.022	14.77
3/29/2010 15:00	6004	15.06	228.7	17.45	33.21	11.87	229.6	18.58	24.26	75.4	76.81	13.45	9.92	0	888	26.37	6.614	-0.025	12.94
3/29/2010 16:00	6005	15.47	227.7	16.5	26.05	12.12	228.6	17.76	20.68	76.97	78.23	12.62	9.1	0	756.8	26.34	6.582	-0.032	13.25
3/29/2010 17:00	6006	15.81	224.3	12.72	26.05	12.18	225	13.75	22.47	77.5	78.62	11.28	7.792	0	575.6	26.31	6.557	-0.025	13.07
3/29/2010 18:00	6007	15.29	229.9	12.72	24.26	11.75	230.1	13.49	18.89	77.57	78.14	10.5	7.204	0	359	26.29	6.532	-0.025	14.42
3/29/2010 19:00	6008	11.08	232.5	9.27	18.89	8.16	232.6	10.45	17.1	75.62	75.23	12.42	9.67	0	125.7	26.28	6.509	-0.022	13.21
3/29/2010 20:00	6009	6.176	201.6	18.64	9.95	2.647	179	40.75	6.368	68.97	65.55	16.67	16.38	0	2.782	26.25	6.498	-0.011	12.77
3/29/2010 21:00	6010	8.72	170.4	3.66	11.74	3.306	154.1	12.84	6.368	64.16	58.61	19.24	21.76	0	0	26.22	6.49	-0.008	12.81
3/29/2010 22:00	6011	8.51	175.1	4.909	11.74	3.102	175	13.65	6.368	59.07	55.07	22.71	25.04	0	0	26.2	6.482	-0.009	12.85
3/29/2010 23:00	6012	4.02	178.7	18.07	9.95	0.771	170.2	22.96	4.578	55.06	52.22	25.4	26.94	0	0	26.18	6.473	-0.008	12.8
3/30/2010 0:00	6013	3.025	219.3	14.61	4.578	0.119	150.3	1.831	2.789	53.95	49.95	25.98	29.5	0	0	26.16	6.467	-0.006	13.92
3/30/2010 1:00	6014	1.647	175	35.56	8.16	1.834	98.3	14.72	6.368	51.72	47.48	28.34	33.76	0	0	26.15	6.458	-0.01	12.81
3/30/2010 2:00	6015	5.233	173.7	19.64	9.95	1.438	139.4	21.3	6.368	48.4	44.55	31.75	36.48	0	0	26.14	6.455	-0.003	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/30/2010 3:00	6016	4.647	265.4	16.7	8.16	2.497	302.8	17.26	6.368	48.89	45.54	30.9	35.36	0	0	26.12	6.453	-0.002	12.83
3/30/2010 4:00	6017	3.095	248.9	33.09	6.368	0.958	153.9	50.91	4.578	48.54	44.15	30.49	37.01	0	0	26.1	6.453	0	12.23
3/30/2010 5:00	6018	6.479	199.8	13.12	9.95	2.162	183.9	23.18	4.578	47.66	42.52	30.99	38.15	0	0	26.09	6.45	-0.003	12.78
3/30/2010 6:00	6019	4.42	247.3	18.39	6.368	2.066	293.7	16.75	4.578	46.19	42.73	32.48	37.56	0	0	26.08	6.447	-0.003	12.54
3/30/2010 7:00	6020	3.068	236.2	21.7	6.368	1.048	146.9	28.42	4.578	43.81	39.74	35.3	41.86	0	3.308	26.09	6.447	0	12.74
3/30/2010 8:00	6021	4.462	208.2	11.67	6.368	1.963	200.8	25.85	6.368	46.35	45.35	34.62	37.58	0	124.2	26.09	6.425	-0.023	14
3/30/2010 9:00	6022	8.88	217.8	8.9	15.31	6.87	218.9	11.96	11.74	55.64	56.35	27.09	25.54	0	359.4	26.15	6.418	-0.006	12.77
3/30/2010 10:00	6023	12.81	223.2	9.94	18.89	10.01	223.8	12.23	15.31	65.41	66.22	20.27	17.9	0	570.5	26.22	6.41	-0.008	13.01
3/30/2010 11:00	6024	13.38	221.8	10.4	22.47	10.43	221.4	12.49	17.1	72.52	73.65	16.52	13.48	0	759.6	26.28	6.399	-0.011	13
3/30/2010 12:00	6025	14.01	230.4	13.41	22.47	11.08	229.2	14.06	18.89	78.24	79.2	13.21	9.94	0	866	26.3	6.389	-0.01	12.87
3/30/2010 13:00	6026	13.58	230.3	13.29	22.47	10.87	229.3	14.75	18.89	81.9	82.9	10.62	7.137	0	962	26.3	6.37	-0.019	12.95
3/30/2010 14:00	6027	13.76	224.4	17.27	22.47	10.76	224.1	18.21	18.89	84	85.2	9.34	5.682	0	964	26.29	6.351	-0.019	12.76
3/30/2010 15:00	6028	11.54	239.8	16.79	33.21	9.36	239.5	17.44	27.84	85.9	86.6	8.15	4.525	0	897	26.28	6.326	-0.025	12.78
3/30/2010 16:00	6029	12.92	236	17.81	24.26	10.32	235.2	18.77	18.89	86.8	87.7	6.587	2.973	0	782.1	26.25	6.297	-0.029	13.02
3/30/2010 17:00	6030	14.59	232.1	15.24	33.21	11.28	231.3	15.91	27.84	87.1	88	6.753	3.127	0	564.4	26.22	6.265	-0.032	13.07
3/30/2010 18:00	6031	14.34	226	12.66	26.05	10.92	227.1	13.25	18.89	86.5	86.8	7.836	4.39	0	328.6	26.2	6.208	-0.057	13.09
3/30/2010 19:00	6032	15.82	222.7	10.09	26.05	11.62	224.1	11.18	20.68	84.3	84	9.67	6.481	0	141.5	26.19	6.18	-0.029	14.78
3/30/2010 20:00	6033	12.23	215.9	6.472	18.89	8.17	217.6	8.83	13.52	77.11	75.93	12	9.51	0	4.136	26.18	6.162	-0.018	14.08
3/30/2010 21:00	6034	9.5	211.8	8.12	15.31	5.747	215.6	11.66	11.74	70.84	69.18	15.25	13.61	0	0.001	26.17	6.15	-0.012	12.86
3/30/2010 22:00	6035	7.008	216	6.256	11.74	3.076	220.4	12.49	8.16	67.14	64.06	17.92	17.9	0	0	26.16	6.138	-0.011	12.62
3/30/2010 23:00	6036	7.916	220.4	7.685	13.52	4.066	229.5	13.47	8.16	64.01	61.69	20.85	20.88	0	0	26.14	6.132	-0.006	12.84
3/31/2010 0:00	6037	7.055	224	17.53	15.31	3.231	242.5	24.15	9.95	61.47	58.67	23.31	24.07	0	0	26.13	6.123	-0.009	12.77
3/31/2010 1:00	6038	7.516	192.4	14.17	20.68	4.001	199	18.25	15.31	59.01	57.35	27.18	27.26	0	0	26.13	6.117	-0.006	12.84
3/31/2010 2:00	6039	4.922	188.4	21.68	9.95	1.429	162.8	39.21	4.578	56.91	53.89	31.87	34.07	0	0	26.12	6.111	-0.006	13.02
3/31/2010 3:00	6040	3.081	172	20.5	6.368	1.084	100.9	25.46	4.578	53.72	51.26	35.39	37.86	0	0	26.1	6.109	-0.002	12.73
3/31/2010 4:00	6041	5.956	174	5.668	9.95	1.734	153.7	15.13	4.578	52.86	48.63	37.26	42.03	0	0	26.09	6.106	-0.003	12.83
3/31/2010 5:00	6042	4.165	168.8	9.5	9.95	1.038	130.4	19.32	4.578	49.54	46.74	42.62	46.72	0	0	26.08	6.103	-0.003	12.74
3/31/2010 6:00	6043	3.517	209.4	34.84	6.368	0.853	316.8	38.21	4.578	49.6	46.43	43.02	48.54	0	0	26.09	6.103	0	12.69
3/31/2010 7:00	6044	1.437	200.6	31.05	4.578	0.925	62.37	37.28	6.368	49.29	46.27	43.04	49.18	0	4.631	26.09	4.174	-1.928	12.86
3/31/2010 8:00	6045	1.014	260.4	10.01	9.95	0.623	261.3	17.73	6.368	53.35	53.54	38.29	41.74	0	131.7	26.11	9.43	5.259	12.69
3/31/2010 9:00	6046	8.96	247.9	15.01	22.47	6.6	248.6	18.24	18.89	67.74	68.01	25.51	24.04	0	352.2	26.18	9.44	0.003	13.02
3/31/2010 10:00	6047	17.54	263.8	11.66	29.63	12.43	264.5	15.52	24.26	76.53	77.12	17.48	14.8	0	563	26.25	9.44	-0.001	13.99
3/31/2010 11:00	6048	20.41	263.4	11.65	31.42	14.37	263.1	15.25	26.05	79.32	80.2	14.83	11.7	0	754.5	26.29	9.43	-0.011	12.87
3/31/2010 12:00	6049	17.31	254.6	12.85	29.63	12.84	253.9	16.13	26.05	81.4	82.4	12.66	9.34	0	889	26.3	9.41	-0.016	12.86
3/31/2010 13:00	6050	15.57	241.2	15.6	31.42	12.26	239.6	16.86	24.26	83.8	84.9	11.61	8.19	0	955	26.3	9.39	-0.022	12.69
3/31/2010 14:00	6051	18.15	223.2	14.03	33.21	13.95	222.8	15.73	27.84	84.9	86.4	10.84	7.211	0	955	26.29	9.35	-0.035	12.71
3/31/2010 15:00	6052	20.64	227.1	13.07	31.42	15.84	226.9	14.03	27.84	86.9	88.3	9.56	5.923	0	862	26.27	9.31	-0.044	12.71
3/31/2010 16:00	6053	19.85	227.5	12.51	36.78	15.26	227.6	13.23	27.84	87.5	88.6	10.02	6.448	0	746.5	26.25	9.26	-0.048	12.63
3/31/2010 17:00	6054	20.75	221.2	13.25	31.42	15.57	221.7	14.22	26.05	87.9	88.9	7.975	4.359	0	576.3	26.23	9.19	-0.067	12.83
3/31/2010 18:00	6055	19.73	220.5	10.02	33.21	14.55	220.6	11.84	26.05	86.8	87.1	7.645	4.183	0	295.4	26.22	9.15	-0.041	14.01
3/31/2010 19:00	6056	11.56	232.1	12.36	22.47	8.15	232.7	12.61	17.1	83	82.3	9.67	6.831	0	68.95	26.2	9.13	-0.025	12.98
3/31/2010 20:00	6057	6.474	266	14.36	11.74	3.055	268.6	22.47	8.16	76.88	74.29	12.71	11.31	0	3.603	26.18	9.11	-0.014	12.93
3/31/2010 21:00	6058	6.927	153.9	25.68	13.52	3.312	124.9	19.55	8.16	71.97	67.08	16.13	16.87	0	0	26.16	9.09	-0.021	12.91
3/31/2010 22:00	6059	7.485	141.4	11.88	13.52	3.397	112.9	17.11	8.16	70.1	65.65	28.13	28.93	0	0	26.15	9.08	-0.008	12.84
3/31/2010 23:00	6060	13.33	164.1	10.6	20.68	8.17	164.9	15.19	15.31	67.52	66.15	40.56	41.34	0	0	26.15	9.07	-0.016	12.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/1/2010 0:00	6061	10.2	179.6	7.409	17.1	6.016	181.6	12.09	15.31	66.03	64.85	49.72	51.15	0	0	26.16	9.06	-0.006	12.75
4/1/2010 1:00	6062	8.22	195.3	14.7	17.1	4.621	198.2	18.45	9.95	63.24	61.59	55.93	58.84	0	0	26.15	9.05	-0.016	12.95
4/1/2010 2:00	6063	5.745	180.5	10.98	9.95	1.922	175.6	17.81	4.578	60.44	57.63	59.57	65.3	0	0	26.12	9.04	-0.009	12.76
4/1/2010 3:00	6064	6.326	268	25.01	9.95	3.573	278.6	23.69	8.16	59.17	56.44	60.66	66.53	0	0	26.1	9.03	-0.002	12.93
4/1/2010 4:00	6065	5.56	213.8	15.62	9.95	2.98	225	19.74	6.368	59.97	57.56	59.9	65.07	0	0	26.08	9.03	-0.003	12.86
4/1/2010 5:00	6066	5.518	194.8	8.17	8.16	2.096	187.7	18.52	4.578	57.23	54.53	65.13	71.76	0	0	26.06	9.03	-0.003	12.9
4/1/2010 6:00	6067	5.264	199	8.5	8.16	1.852	202.7	13.29	6.368	54.15	51.51	71.94	78.92	0	0	26.06	9.03	-0.002	12.75
4/1/2010 7:00	6068	4.966	190.8	9.9	8.16	1.416	179.1	18.17	4.578	52.33	49.99	78.25	85.4	0	6.465	26.06	9.02	-0.003	12.79
4/1/2010 8:00	6069	7.633	192.4	10.34	15.31	4.604	198.1	14.1	13.52	55.43	55.29	78.63	81.7	0	143.4	26.07	9.02	-0.004	12.58
4/1/2010 9:00	6070	13.27	187.3	8.81	18.89	9.05	190	12.88	15.31	63.65	64.35	64.5	64.88	0	244.9	26.1	9.02	-0.002	12.77
4/1/2010 10:00	6071	12.69	193.8	9.45	17.1	9.13	195.9	13.3	15.31	66.11	66.96	60.6	60.03	0	314.9	26.14	9.01	-0.008	13.03
4/1/2010 11:00	6072	14.5	186.4	11.4	22.47	10.22	189.1	15.25	17.1	70.18	71.5	54.27	52.57	0	447.5	26.14	9.01	-0.005	12.84
4/1/2010 12:00	6073	16.47	185.7	13.2	24.26	11.63	187.4	16.87	18.89	75.53	77.14	40.26	37.85	0	652.7	26.14	8.99	-0.014	12.83
4/1/2010 13:00	6074	16.78	197.9	12.31	26.05	12.09	200.5	15.03	20.68	79.36	81	32.09	29.24	0	618.8	26.13	8.98	-0.016	12.89
4/1/2010 14:00	6075	18.22	207.3	13.69	31.42	13.29	208.4	15.52	24.26	80.8	82	21.74	18.96	0	491.1	26.1	8.94	-0.032	12.77
4/1/2010 15:00	6076	22.27	228	10.47	33.21	16.79	227.4	11.67	29.63	82.2	82.9	12.72	9.68	0	501.6	26.07	8.91	-0.038	12.98
4/1/2010 16:00	6077	22.27	227.4	9.83	34.99	16.76	227.2	11.4	29.63	81.9	82.4	10.99	7.857	0	363.6	26.05	8.87	-0.038	12.86
4/1/2010 17:00	6078	21.69	225.1	9.68	34.99	16.22	224.8	10.87	29.63	80.9	81.2	10.36	7.226	0	306.1	26.04	8.82	-0.044	13.52
4/1/2010 18:00	6079	21.9	215.7	8.65	36.78	15.96	216.1	10.66	27.84	81.6	81.8	10.27	7.113	0	301.3	26.01	8.79	-0.035	13.11
4/1/2010 19:00	6080	20.11	212.4	7.928	34.99	14.41	212.8	10.27	27.84	80.4	80.2	9.45	6.347	0	106.7	26	8.75	-0.035	12.98
4/1/2010 20:00	6081	11.68	209.8	17.09	22.47	7.565	212.9	22.07	18.89	75.79	74.58	11.59	9.24	0	1.469	25.99	8.72	-0.03	13.03
4/1/2010 21:00	6082	6.977	227.2	37.36	17.1	4.46	221.9	42.09	11.74	70.33	68.71	17.63	16.2	0	0.001	26.01	8.71	-0.008	12.83
4/1/2010 22:00	6083	4.903	246	15.13	9.95	3.319	237.7	18.6	6.368	69.23	68.11	25.16	24.47	0	0	26.03	8.7	-0.012	13.05
4/1/2010 23:00	6084	8.03	269.8	19.37	15.31	5.758	267.9	22.82	11.74	67.8	66.94	27.18	26.52	0	0	26.05	8.69	-0.009	12.86
4/2/2010 0:00	6085	11.57	355.1	36.1	18.89	8.51	355.6	34.59	17.1	62.57	62.49	36.86	36.14	0	0	26.06	8.68	-0.012	13.82
4/2/2010 1:00	6086	11.3	8.37	12.38	22.47	8.39	8.57	14.95	18.89	57.44	57.69	45.75	45.3	0	0	26.08	8.67	-0.013	12.75
4/2/2010 2:00	6087	8.72	341.5	9.06	13.52	6.578	340.4	11.5	11.74	55.73	55.64	45.27	45.48	0	0	26.09	8.66	-0.006	12.81
4/2/2010 3:00	6088	12.68	324.1	10.87	20.68	10.07	325.6	11.03	18.89	53.6	53.34	44.44	44.81	0	0	26.09	8.65	-0.012	12.76
4/2/2010 4:00	6089	10.79	314.2	8.1	20.68	8.39	316	8.53	17.1	50.54	50.4	45.66	46	0	0	26.09	8.65	-0.005	12.79
4/2/2010 5:00	6090	7.624	304	4.98	11.74	4.625	305.5	7.383	9.95	47.18	46.25	49.46	51.24	0	0	26.09	8.64	-0.006	12.85
4/2/2010 6:00	6091	4.787	284.4	14.88	8.16	2.001	241.6	39.67	4.578	45.78	43.14	51.91	56.35	0	0	26.08	8.64	-0.003	12.26
4/2/2010 7:00	6092	6.845	254.2	10.72	15.31	3.889	233.2	23.49	11.74	42.29	40.6	58.77	62.59	0	5.758	26.08	8.63	-0.004	14.54
4/2/2010 8:00	6093	14.87	273.2	9.43	24.26	11.78	272.7	11	18.89	47.86	48.46	54.75	54.91	0	141.5	26.1	8.62	-0.009	13
4/2/2010 9:00	6094	16.79	283.9	11.55	26.05	13.91	283.6	14.77	22.47	51.68	52.62	46	45.18	0	368.3	26.15	8.61	-0.011	12.97
4/2/2010 10:00	6095	16.51	305.9	12.48	24.26	13.84	308.4	14.11	22.47	54.21	55.31	36.03	34.59	0	584	26.2	8.61	-0.005	14.07
4/2/2010 11:00	6096	16.63	306.1	12.28	27.84	13.98	308.1	13.67	24.26	57	58.41	23.63	21.34	0	776.5	26.25	8.59	-0.016	13.39
4/2/2010 12:00	6097	16.64	303.1	15.56	27.84	14.02	305	17.41	22.47	58.78	60.34	14.22	11.35	0	916	26.27	8.58	-0.014	13.27
4/2/2010 13:00	6098	15.83	290.8	19.43	29.63	13.26	292.1	22.12	26.05	60.32	61.91	14.82	11.78	0	982	26.28	8.56	-0.02	13.26
4/2/2010 14:00	6099	15.69	287.4	19.91	31.42	13.28	288.4	22.2	27.84	61.53	63.17	14.33	11.19	0	982	26.28	8.54	-0.023	13.62
4/2/2010 15:00	6100	14.51	283.1	23.24	29.63	12.15	284.2	25.05	24.26	63.12	64.74	14.54	11.33	0	941	26.26	8.52	-0.016	13.32
4/2/2010 16:00	6101	14.24	286.9	20.63	27.84	11.87	288.4	22.62	24.26	62.93	64.34	15.32	12.2	0	571.1	26.25	8.48	-0.038	13.21
4/2/2010 17:00	6102	16.4	291.3	19.89	33.21	13.53	292.3	23.22	29.63	64	65.2	13.87	10.76	0	568.4	26.23	8.45	-0.028	14.16
4/2/2010 18:00	6103	19.13	296	13.69	29.63	15.65	298.5	15.88	26.05	63.84	64.67	13.78	10.8	0	374.7	26.24	8.42	-0.037	13.12
4/2/2010 19:00	6104	16.95	306.7	8.1	29.63	13.64	309.8	8.27	26.05	61.87	62.03	16.3	13.81	0	139.9	26.26	8.4	-0.018	12.92
4/2/2010 20:00	6105	7.297	320.9	9.02	15.31	4.857	324.8	12.64	11.74	58.26	56.93	19.64	19.01	0	3.009	26.25	8.39	-0.009	12.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/2/2010 21:00	6106	3.643	330	11.54	6.368	1.657	330.9	47.36	4.578	55.24	51.52	21.73	23.57	0	0	26.23	8.38	-0.005	12.67
4/2/2010 22:00	6107	2.406	350	3.347	6.368	1.047	73.9	19.63	4.578	53.22	48.57	23.79	27.86	0	0	26.22	8.38	-0.005	12.83
4/2/2010 23:00	6108	6.026	351.5	10.86	15.31	3.536	355.8	25.79	11.74	52.28	48.16	25.04	28.86	0	0	26.22	8.37	-0.013	12.27
4/3/2010 0:00	6109	8.22	14.28	9.92	11.74	5.628	9.77	13.8	9.95	48.59	48.15	30.55	30.07	0	0	26.23	8.36	-0.006	12.2
4/3/2010 1:00	6110	4.036	10.45	8.74	13.52	2.584	1.535	51.9	9.95	46.4	44.96	33.78	34.72	0	0	26.23	8.36	-0.003	12.21
4/3/2010 2:00	6111	3.011	6.035	1.182	8.16	1.105	110.8	48.13	4.578	42.66	38.64	38.18	42.64	0	0	26.21	8.35	-0.004	12.24
4/3/2010 3:00	6112	3.37	35.46	29.35	8.16	1.093	57.77	50.19	4.578	42.99	39.26	38.85	43.5	0	0	26.17	8.35	-0.003	12.33
4/3/2010 4:00	6113	1.139	18.74	16.22	6.368	0.846	187.6	22.39	2.789	40.76	36.63	42.09	47.98	0	0	26.16	8.35	-0.003	12.17
4/3/2010 5:00	6114	0.338	15.76	0.035	2.789	0.702	104.2	9.17	4.578	37.7	34.54	46.22	52.55	0	0	26.15	8.35	-0.003	12.17
4/3/2010 6:00	6115	3.616	54.32	33.17	8.16	1.922	72.41	13.53	4.578	41.21	37.16	41.86	49.73	0	0	26.15	8.34	-0.003	12.31
4/3/2010 7:00	6116	6.579	124	15.81	9.95	3.142	108.3	23.86	6.368	43.36	40.83	40.76	45.39	0	3.399	26.16	8.34	-0.007	12.66
4/3/2010 8:00	6117	7.043	147.2	7.903	11.74	4.403	146.8	14.39	9.95	45.59	45.45	39.35	39.87	0	63.3	26.2	8.33	-0.004	12.73
4/3/2010 9:00	6118	7.662	174.1	13.64	13.52	5.418	178	17.86	9.95	50.31	50.83	35.83	34.92	0	197.9	26.23	8.33	-0.005	12.86
4/3/2010 10:00	6119	11.43	174.7	12.91	18.89	7.979	175.9	16.98	17.1	54.91	55.92	30.37	28.55	0	365.9	26.25	8.32	-0.009	12.89
4/3/2010 11:00	6120	16.15	195.8	10.82	24.26	11.8	198.8	13.78	18.89	59.09	60.55	25.71	23.19	0	522.3	26.28	8.31	-0.01	13.98
4/3/2010 12:00	6121	18.68	201	10.12	27.84	13.76	204.1	12.73	24.26	62.8	64.59	22.42	19.44	0	752.4	26.3	8.28	-0.024	13.07
4/3/2010 13:00	6122	19.54	205.5	11.19	31.42	14.45	208	13.63	24.26	68.05	70.1	19.68	16.34	0	949	26.3	8.27	-0.017	13.35
4/3/2010 14:00	6123	21.3	222	12.84	34.99	16.25	223.4	14.13	27.84	73	74.76	20.17	16.9	0	965	26.3	8.25	-0.02	13.31
4/3/2010 15:00	6124	19.48	229.7	13.4	33.21	15.12	231.6	14.77	26.05	75.65	77.09	18.78	15.61	0	896	26.29	8.21	-0.032	13.3
4/3/2010 16:00	6125	19.03	215.3	12.39	31.42	14.25	217.9	13.84	26.05	77.41	78.95	17.68	14.37	0	762.6	26.26	8.19	-0.025	14.43
4/3/2010 17:00	6126	19.59	211.6	11.48	33.21	14.55	214.5	12.77	26.05	78.12	79.43	17.44	14.22	0	578.7	26.24	8.16	-0.032	13.35
4/3/2010 18:00	6127	17.93	216.3	11.74	29.63	13.37	218.5	13.13	22.47	78.75	79.32	16.67	13.8	0	363.6	26.24	8.13	-0.032	13.3
4/3/2010 19:00	6128	14.26	210.3	11.08	26.05	10.24	213	12.99	22.47	77.49	77.13	17.26	14.92	0	135.1	26.22	8.11	-0.019	14.04
4/3/2010 20:00	6129	7.571	188.1	15.91	13.52	3.406	186.7	26.24	9.95	70.44	67.23	21.53	22.03	0	3.78	26.21	8.1	-0.011	12.89
4/3/2010 21:00	6130	5.44	216.8	21.42	9.95	2.366	228.1	31.86	6.368	63.83	61.01	25.76	26.76	0	0	26.19	8.09	-0.007	12.73
4/3/2010 22:00	6131	5.158	218.9	20.53	8.16	2.573	233.6	24.8	4.578	63.1	60.11	29.72	30.72	0	0	26.18	8.08	-0.009	14.22
4/3/2010 23:00	6132	5.121	169.8	23.81	9.95	1.89	164.3	29.75	6.368	59.81	57.12	44.28	44.58	0	0	26.17	8.07	-0.006	12.75
4/4/2010 0:00	6133	6.248	207.2	14.05	13.52	3.306	215.2	23.66	8.16	60.61	58.38	67.68	71.32	0	0	26.17	8.07	-0.006	12.78
4/4/2010 1:00	6134	4.256	195.9	19.69	8.16	1.486	175.5	22.45	4.578	57.86	55.29	67.99	75.21	0	0	26.18	8.06	-0.006	12.92
4/4/2010 2:00	6135	4.664	171.1	11.66	9.95	1.175	143.8	18.86	4.578	55.75	53.23	80.9	86.5	0	0	26.17	8.06	0	12.77
4/4/2010 3:00	6136	6.464	177.3	9.51	11.74	2.738	177.3	11.74	8.16	55.86	54	90.3	96.4	0	0	26.15	8.06	-0.002	12.97
4/4/2010 4:00	6137	4.987	165.6	13.74	8.16	1.417	150.9	17.76	4.578	54.24	52.4	95	99.4	0	0	26.15	8.06	-0.003	12.85
4/4/2010 5:00	6138	4.69	183.3	13.89	8.16	1.272	193	15.21	4.578	53.66	51.75	96	99.4	0	0	26.15	8.06	0	13.36
4/4/2010 6:00	6139	5.125	191.4	6.382	8.16	1.099	194	9.38	4.578	53.66	51.4	98	99.4	0	0	26.16	8.06	0	12.9
4/4/2010 7:00	6140	3.91	204.3	13.22	8.16	1.106	243.2	36.31	4.578	52.52	50.21	99.9	99.4	0	7.217	26.18	8.05	-0.003	13.11
4/4/2010 8:00	6141	4.168	227.7	17.86	8.16	2.272	242.5	28.11	6.368	53.09	52.79	99.9	99.4	0	137.9	26.2	8.05	-0.007	13.11
4/4/2010 9:00	6142	8.86	205	9.96	15.31	6.878	210	12.62	13.52	60.75	61.81	89.2	90.5	0	361.8	26.24	8.04	-0.005	13.19
4/4/2010 10:00	6143	9.51	229.1	20.7	15.31	7.748	230.3	20.27	13.52	68.23	69.2	65.59	65.35	0	570.8	26.3	8.04	0.001	13.34
4/4/2010 11:00	6144	14.53	257.8	13.51	29.63	11.78	256.4	14.76	24.26	76.61	77.53	31.35	29.55	0	759.1	26.33	8.03	-0.008	13.32
4/4/2010 12:00	6145	17.95	265.3	14.09	27.84	14.57	263	15.71	26.05	80.1	81.2	18.7	15.99	0	894	26.35	8.02	-0.016	13.24
4/4/2010 13:00	6146	13.49	243	19.81	22.47	10.94	242.1	20.39	20.68	82.5	83.5	18.58	15.65	0	960	26.35	7.989	-0.029	13.29
4/4/2010 14:00	6147	13.33	247.9	20.44	24.26	10.93	246.3	20.34	22.47	83.7	84.7	16.36	13.25	0	962	26.34	7.964	-0.025	13.21
4/4/2010 15:00	6148	14.13	229.6	21.05	24.26	11.2	229.2	21.02	20.68	84.7	85.9	15.6	12.34	0	897	26.33	7.939	-0.025	14.7
4/4/2010 16:00	6149	16.57	226.7	17.86	29.63	12.81	226.9	18.67	22.47	85.1	86.4	14.29	11.02	0	768.3	26.31	7.901	-0.038	13.15
4/4/2010 17:00	6150	17.01	233.5	13.63	27.84	13.19	233.1	14.33	22.47	85.2	86.2	13.65	10.5	0	587.5	26.3	7.866	-0.035	13.13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/4/2010 18:00	6151	17.42	240.7	11.59	29.63	13.44	239.6	12.6	27.84	84.3	84.7	14.46	11.61	0	369.1	26.3	7.834	-0.032	13.08
4/4/2010 19:00	6152	14.79	247	8.27	24.26	11.31	245.8	9.65	20.68	82.4	82.1	15.22	12.71	0	140.5	26.29	7.806	-0.029	13.01
4/4/2010 20:00	6153	8.82	247.3	7.797	15.31	5.528	246.8	9.21	11.74	76.13	74.57	18.04	16.86	0	4.152	26.29	7.772	-0.034	12.97
4/4/2010 21:00	6154	4.879	245.5	12.29	11.74	1.514	241.3	12.91	6.368	71.06	67.35	20.94	21.68	0	0	26.27	7.764	-0.008	12.3
4/4/2010 22:00	6155	2.36	241.9	12.29	4.578	1.033	154.9	20.05	2.789	67.41	62.56	23.64	26.54	0	0	26.26	7.749	-0.014	12.24
4/4/2010 23:00	6156	3.095	270.9	16.57	4.578	0.064	144.9	0.1	2.789	65.96	60.51	25.26	30.7	0	0	26.25	7.74	-0.009	13.04
4/5/2010 0:00	6157	5.286	163	31.33	17.1	3.924	123.5	45.88	9.95	63.24	59.21	29.02	33.4	0	0	26.24	7.734	-0.005	12.84
4/5/2010 1:00	6158	9.38	173.1	7.296	20.68	4.979	176.4	12.94	13.52	61.98	60.48	65.68	67.56	0	0	26.25	7.727	-0.007	12.15
4/5/2010 2:00	6159	9.28	185	8.28	15.31	5.653	190.2	12.54	9.95	63.14	62.29	88.1	92.7	0	0	26.26	7.724	-0.003	12.19
4/5/2010 3:00	6160	6.006	186.1	6.577	9.95	2.911	191.7	11.01	6.368	60.47	59.21	96.2	99.2	0	0	26.26	7.724	0	12.19
4/5/2010 4:00	6161	4.11	176.8	8.3	6.368	0.587	171.8	8.48	4.578	57.73	56.61	99.9	99.3	0	0	26.24	7.721	-0.002	12.91
4/5/2010 5:00	6162	2.265	195.3	11.64	6.368	0.285	217.9	21.34	4.578	56.03	54.95	99.9	99.3	0	0	26.23	7.722	0.001	12.52
4/5/2010 6:00	6163	0.898	238.6	14.95	4.578	0.026	337.9	0.349	2.789	54.14	52.8	99.9	99.3	0	0	26.23	7.722	0	12.74
4/5/2010 7:00	6164	4.543	252.6	21.87	8.16	2.77	262.9	23.9	6.368	53.79	53.39	99.9	99.3	0	4.895	26.24	7.719	-0.003	12.99
4/5/2010 8:00	6165	7.552	204.3	11.76	15.31	5.393	209.2	13.85	13.52	57.22	57.62	99.9	99.4	0	53.71	26.27	7.721	0.002	12.7
4/5/2010 9:00	6166	10.72	197.5	9.67	17.1	7.802	202.4	12.36	13.52	59.89	60.57	99.9	99.4	0	154.3	26.29	7.721	-0.001	12.94
4/5/2010 10:00	6167	9.03	192.3	14.75	13.52	6.925	197.1	17.54	11.74	62.88	64.88	99.6	96.7	0	512.2	26.31	7.719	-0.002	13.03
4/5/2010 11:00	6168	8.5	202.6	15.92	15.31	6.9	206.8	17.79	13.52	74.97	76.27	58.91	56.34	0	763.5	26.35	7.72	0.001	12.93
4/5/2010 12:00	6169	11.15	212.3	17.43	22.47	8.89	216.5	17.93	17.1	80.4	81.9	34.84	32.39	0	813	26.37	7.714	-0.007	12.93
4/5/2010 13:00	6170	14.1	220.1	16.07	24.26	11.14	222.5	17.91	22.47	83.4	84.8	26.4	23.62	0	910	26.37	7.692	-0.022	14.15
4/5/2010 14:00	6171	16.49	226.6	15.37	33.21	12.86	227.9	16.57	24.26	85.9	87.4	17.87	14.77	0	930	26.35	7.66	-0.032	14.37
4/5/2010 15:00	6172	18.37	223.1	17.22	33.21	14.18	225.4	17.62	26.05	88.2	89.7	14.65	11.38	0	918	26.32	7.622	-0.038	13.01
4/5/2010 16:00	6173	18.57	223.2	13.8	29.63	14.17	225.3	14.51	26.05	88.2	89.4	14.11	10.87	0	696.2	26.3	7.577	-0.044	12.92
4/5/2010 17:00	6174	19.78	223	11.82	31.42	14.92	225.4	13.09	26.05	87.9	88.6	12.68	9.59	0	401	26.27	7.539	-0.038	13.07
4/5/2010 18:00	6175	19.65	223.7	10.19	31.42	14.87	226.2	11.22	26.05	88	88.2	11.91	8.92	0	310.5	26.25	7.492	-0.048	13.09
4/5/2010 19:00	6176	16.72	224.4	7.775	27.84	12.49	227	9.57	22.47	86.7	86.3	12.45	9.7	0	148.3	26.23	7.463	-0.029	14.46
4/5/2010 20:00	6177	14.39	185.8	21.32	24.26	9.33	190.1	22.36	18.89	79.31	78.69	45.81	45.44	0	7.208	26.23	7.447	-0.016	12.93
4/5/2010 21:00	6178	15.19	166.4	7.453	26.05	9.8	170.4	12.31	20.68	72.58	72.15	70.73	73.21	0	0.002	26.22	7.439	-0.008	13.09
4/5/2010 22:00	6179	7.79	191.9	26.63	17.1	5.14	198.2	27.45	13.52	68.98	68.42	78.18	81.7	0	0	26.21	7.431	-0.008	13.05
4/5/2010 23:00	6180	9.7	180	9.42	17.1	5.979	183.4	13.18	11.74	66.7	65.96	84.9	89.3	0	0	26.2	7.426	-0.005	13.05
4/6/2010 0:00	6181	10.1	179.1	9.29	17.1	6.434	183.1	13.46	13.52	64.7	64.29	91.2	95.9	0	0	26.18	7.423	-0.003	13.08
4/6/2010 1:00	6182	11.57	182.2	8.68	26.05	7.403	186.6	12.98	18.89	64.11	63.99	93.5	98.3	0	0	26.17	7.42	-0.003	12.88
4/6/2010 2:00	6183	10.39	196	18.29	20.68	6.928	201.2	21.29	15.31	63.94	63.82	93.9	98.7	0	0	26.16	7.416	-0.003	12.99
4/6/2010 3:00	6184	6.047	205.7	18.43	11.74	3.75	206.8	23.71	8.16	62.76	62.12	95.7	99.4	0	0	26.14	7.413	-0.003	14.13
4/6/2010 4:00	6185	5.591	203.2	15.01	11.74	3.074	205.2	24.37	9.95	61.34	60.56	98.1	99.4	0	0	26.13	7.413	0	12.42
4/6/2010 5:00	6186	5.462	201.4	24.29	11.74	2.871	206.4	36.78	8.16	58.67	57.89	99.9	99.4	0	0	26.11	7.41	-0.003	12.24
4/6/2010 6:00	6187	4.322	159.9	17.09	8.16	1.383	141.2	20.37	4.578	55.35	54.44	99.9	99.3	0	0	26.1	7.411	0.001	14.05
4/6/2010 7:00	6188	6.185	189.2	18.24	9.95	2.956	198.1	24.86	6.368	53.21	52.28	99.1	99.3	0	5.253	26.1	7.409	-0.002	14.09
4/6/2010 8:00	6189	4.814	199.9	25.26	9.95	3.082	203	30.64	6.368	54.5	54.78	95.3	98.1	0	124.8	26.11	7.405	-0.004	12.99
4/6/2010 9:00	6190	9.33	214.9	11.29	17.1	7.223	217.5	12.97	15.31	61.57	62.4	62.03	64.84	0	378.7	26.14	7.401	-0.004	12.81
4/6/2010 10:00	6191	13.71	218.6	11.32	20.68	10.58	220.8	12.52	17.1	69.84	71.05	36.82	35.6	0	576.1	26.19	7.386	-0.015	14.26
4/6/2010 11:00	6192	15.79	235.6	14.9	29.63	12.48	236.5	15.74	22.47	75.89	76.91	25.04	22.82	0	783.8	26.23	7.372	-0.014	12.87
4/6/2010 12:00	6193	17	248.4	16.07	29.63	13.78	249	16.64	27.84	79.03	80.1	19	16.28	0	908	26.24	7.349	-0.022	12.85
4/6/2010 13:00	6194	16.4	240.2	17.71	29.63	13.14	241.9	18.37	22.47	81.1	82.4	16.42	13.41	0	943	26.22	7.324	-0.025	13.07
4/6/2010 14:00	6195	16.9	231.5	18.16	29.63	13.32	233	18.71	26.05	82.6	84	15.53	12.4	0	913	26.19	7.292	-0.032	13.91

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/6/2010 15:00	6196	17.63	266.9	17.3	31.42	14.33	266.3	18.63	27.84	83.2	84.4	14.93	11.84	0	748.8	26.17	7.254	-0.038	13.98
4/6/2010 16:00	6197	17.16	258.4	20.59	29.63	13.75	257.4	20.91	24.26	83.4	84.6	14.6	11.46	0	746	26.15	7.207	-0.048	13.12
4/6/2010 17:00	6198	20.69	264.1	13.59	33.21	16.54	262.5	14.93	27.84	82.9	84	13.55	10.39	0	595.8	26.14	7.165	-0.041	13.23
4/6/2010 18:00	6199	23.7	270	10.95	36.78	18.79	269.2	12.33	31.42	80.6	81.2	12.11	8.98	0	369.3	26.14	7.124	-0.041	14.45
4/6/2010 19:00	6200	20.87	271.8	9.47	34.99	16.44	271.6	11.16	31.42	78.28	78.29	13.64	10.8	0	141.2	26.13	7.093	-0.031	13.95
4/6/2010 20:00	6201	15.49	275.9	10	26.05	11.98	275.9	11.46	22.47	73.63	73.26	17.48	15.16	0	4.967	26.13	7.068	-0.025	13.17
4/6/2010 21:00	6202	14.14	283.5	7.678	22.47	10.98	283.7	10.35	18.89	69.72	69.23	21.06	19.22	0	0	26.14	7.054	-0.015	14.66
4/6/2010 22:00	6203	15.59	287	7.587	26.05	12.16	289.2	10.47	22.47	68.4	67.93	22.79	21.15	0	0	26.15	7.035	-0.019	13.05
4/6/2010 23:00	6204	10.17	320.1	20.63	18.89	7.352	321.8	19.21	17.1	63.54	62.71	26.03	25.3	0	0	26.18	7.026	-0.008	12.75
4/7/2010 0:00	6205	12.7	346.8	10.21	24.26	9.62	344	12.8	18.89	60.35	59.9	17.48	15.88	0	0	26.18	7.01	-0.016	12.7
4/7/2010 1:00	6206	13.07	13.65	9.93	24.26	9.93	13.13	11.87	20.68	54.96	55.04	21.6	19.71	0	0	26.19	6.996	-0.015	12.69
4/7/2010 2:00	6207	12.2	2.327	12.02	22.47	8.72	1.511	14.56	18.89	49.69	49.76	24.88	23.49	0	0	26.18	6.981	-0.015	12.56
4/7/2010 3:00	6208	15.91	354.4	8.24	27.84	11.63	353.2	10.91	22.47	50.39	50.3	18.64	16.83	0	0	26.17	6.972	-0.009	12.65
4/7/2010 4:00	6209	11.49	348.3	10.26	18.89	8.48	346.3	13.18	15.31	48.38	48.22	19.3	17.74	0	0	26.19	6.962	-0.01	12.69
4/7/2010 5:00	6210	7.337	341.7	8.34	15.31	5.44	339.4	12.94	13.52	46.23	45.95	21.31	20.12	0	0	26.2	6.953	-0.01	12.86
4/7/2010 6:00	6211	6.488	326	7.776	11.74	4.341	326.1	11.32	8.16	43.02	42.24	24.6	24.54	0	0	26.2	6.939	-0.014	12.63
4/7/2010 7:00	6212	7.834	332.2	8.97	13.52	5.627	333.3	12.07	11.74	41.1	40.64	26.56	26.4	0	11.89	26.2	6.933	-0.006	12.78
4/7/2010 8:00	6213	14.63	324.9	8.41	24.26	12.01	326.6	9.68	22.47	45.25	45.96	24.47	22.88	0	179.2	26.24	6.918	-0.014	12.77
4/7/2010 9:00	6214	20.6	329.9	8.99	33.21	17.17	330.6	10.14	27.84	50.77	51.73	21.79	19.75	0	415.3	26.29	6.904	-0.014	12.82
4/7/2010 10:00	6215	19.51	338.7	11.65	31.42	16	338.7	13.13	26.05	53.61	55.05	20.35	17.92	0	632.3	26.35	6.893	-0.011	12.8
4/7/2010 11:00	6216	15.37	357.5	16.53	24.26	12.04	356.6	18.89	22.47	56.59	58.25	18.49	15.82	0	820	26.39	6.88	-0.013	12.92
4/7/2010 12:00	6217	13.96	3.354	21.63	26.05	10.82	4.366	23.2	24.26	58.79	60.37	16.76	13.95	0	951	26.41	6.867	-0.014	12.89
4/7/2010 13:00	6218	14.43	8.48	22.84	27.84	10.78	8.24	24.45	24.26	60.45	62.25	16.15	13.18	0	1013	26.42	6.853	-0.014	12.77
4/7/2010 14:00	6219	15.21	12.82	24.08	29.63	11.06	11.93	24.62	26.05	61.13	63.08	16.55	13.53	0	1009	26.43	6.834	-0.019	12.92
4/7/2010 15:00	6220	16.68	2.723	25.79	31.42	12.56	1.734	26.71	26.05	61.93	63.89	17.37	14.3	0	936	26.42	6.812	-0.022	12.79
4/7/2010 16:00	6221	15.73	1.338	22.12	27.84	12.27	358.5	23.34	26.05	62.07	63.91	19.59	16.63	0	800	26.43	6.793	-0.019	12.93
4/7/2010 17:00	6222	19.74	15.51	16.78	33.21	14.46	12.66	18.18	27.84	60.92	62.54	27.01	24.43	0	620.4	26.43	6.774	-0.019	12.77
4/7/2010 18:00	6223	19.45	11.2	12.18	33.21	14.65	9.12	14.26	26.05	59.51	60.6	28.9	26.8	0	378.9	26.44	6.733	-0.04	13.73
4/7/2010 19:00	6224	16.9	16.44	11.11	27.84	12.64	15.04	12.99	24.26	57.95	58.5	28.51	26.78	0	150.1	26.44	6.719	-0.015	14.4
4/7/2010 20:00	6225	11.86	18.33	9.69	22.47	9.07	18.51	10.24	18.89	54.95	55.23	29.58	28.13	0	5.677	26.44	6.703	-0.016	12.83
4/7/2010 21:00	6226	11.28	23.64	7.807	17.1	8.08	22.65	9.7	15.31	50.83	50.97	31.59	30.53	0	0	26.43	6.685	-0.018	12.64
4/7/2010 22:00	6227	10.46	19.63	8.98	15.31	8.02	18.62	9.6	13.52	48.36	48.42	33.6	32.76	0	0	26.44	6.677	-0.009	14.25
4/7/2010 23:00	6228	8.98	15.74	9.47	15.31	6.494	11.86	10.75	11.74	46.92	46.76	35.62	35.33	0	0	26.44	6.664	-0.013	12.71
4/8/2010 0:00	6229	9.64	13.98	9.1	13.52	6.943	10.7	10.78	13.52	46.26	45.88	36.65	36.83	0	0	26.43	6.658	-0.006	12.61
4/8/2010 1:00	6230	10.34	14.94	9.74	20.68	7.521	11.69	10.72	13.52	44.72	44.49	37.72	37.93	0	0	26.42	6.648	-0.01	12.65
4/8/2010 2:00	6231	10.04	20.65	8.59	15.31	7.408	19.43	9.56	13.52	43.31	43.25	37.26	37.18	0	0	26.41	6.64	-0.008	12.72
4/8/2010 3:00	6232	8.06	33.29	11.56	13.52	4.62	35.14	15.96	9.95	41.93	40.72	36.52	38.54	0	0	26.39	6.628	-0.012	12.46
4/8/2010 4:00	6233	5.568	16.86	43.4	11.74	3.72	12.18	57.68	8.16	40.42	38.89	37.52	39.58	0	0	26.38	6.625	-0.003	12.65
4/8/2010 5:00	6234	3.457	331.1	21.66	9.95	2.683	290.7	69.55	8.16	33.26	31.34	50.38	54.23	0	0	26.37	6.622	-0.003	12.64
4/8/2010 6:00	6235	2.121	332.4	49.85	6.368	1.856	84.1	48.32	4.578	34.07	30.02	48.17	55.79	0	0	26.35	6.621	-0.001	12.39
4/8/2010 7:00	6236	2.356	37.1	20.46	6.368	0.822	80.5	7.37	2.789	36.87	30.04	40.89	55.18	0	13.11	26.35	6.618	-0.003	12.22
4/8/2010 8:00	6237	4.635	309.4	45.31	13.52	3.757	301.6	31.14	9.95	36.75	36.51	44.9	47.37	0	181.3	26.38	6.613	-0.005	12.42
4/8/2010 9:00	6238	6.127	171.7	24.84	13.52	4.648	176.7	31.72	11.74	46.8	48.06	33.73	31.92	0	417	26.43	6.61	-0.003	12.64
4/8/2010 10:00	6239	8.83	194	18.68	15.31	6.878	198.3	21.62	13.52	51.75	53.06	28.57	26.17	0	635.3	26.49	6.602	-0.009	12.82
4/8/2010 11:00	6240	9.26	201	21.28	17.1	7.356	205.4	23.4	15.31	56.02	57.2	24.44	21.72	0	823	26.52	6.595	-0.007	13.59

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/8/2010 12:00	6241	9.42	219	19.72	17.1	7.81	221.7	20.9	15.31	59.6	60.54	22.9	20.1	0	949	26.52	6.587	-0.008	12.93
4/8/2010 13:00	6242	9.68	211.6	23.84	18.89	7.789	215.5	24.95	15.31	62.82	63.93	21.03	18	0	1010	26.5	6.574	-0.013	12.83
4/8/2010 14:00	6243	11.11	199.7	22.64	20.68	8.71	203.4	25.77	15.31	64.87	66.46	18.72	15.45	0	1007	26.47	6.558	-0.016	14.2
4/8/2010 15:00	6244	10.36	209.3	25.61	27.84	8.32	214.3	26.94	24.26	67.05	68.31	16.18	12.95	0	936	26.44	6.542	-0.016	12.81
4/8/2010 16:00	6245	8.96	218.9	37.7	18.89	7.119	221.2	40.18	15.31	68.48	69.53	14.28	11.13	0	802	26.42	6.52	-0.022	12.82
4/8/2010 17:00	6246	9.91	200.1	24.88	18.89	7.683	204.2	27.84	17.1	68.58	69.72	13.03	9.81	0	620	26.4	6.498	-0.022	14.48
4/8/2010 18:00	6247	10.49	193	21.85	18.89	7.879	197.3	23.42	17.1	68.03	68.83	12.24	9.22	0	398.7	26.39	6.472	-0.025	13.52
4/8/2010 19:00	6248	9.94	193.5	10.85	17.1	6.961	197.8	13.56	15.31	66.66	66.67	12.53	9.89	0	164.7	26.37	6.447	-0.025	12.92
4/8/2010 20:00	6249	7.52	159.1	12.7	9.95	3.184	148.5	22.86	6.368	60.18	57	16.22	16.27	0	6.59	26.35	6.43	-0.017	12.73
4/8/2010 21:00	6250	9.35	135.4	5.504	13.52	4.465	124.3	12.43	8.16	55.22	51.95	18.53	19.19	0	0	26.31	6.419	-0.012	12.6
4/8/2010 22:00	6251	9.56	135.8	7.253	13.52	4.996	133.1	13.59	8.16	52.66	50.82	19.34	19.03	0	0	26.29	6.41	-0.008	12.67
4/8/2010 23:00	6252	10.03	140.7	6.103	15.31	5.374	138.1	12.88	9.95	51.25	49.42	19.91	19.71	0	0	26.29	6.401	-0.009	12.6
4/9/2010 0:00	6253	9.64	143.3	7.339	13.52	5.342	142.1	13.05	9.95	50.51	49.12	21.86	21.36	0	0	26.27	6.382	-0.019	12.56
4/9/2010 1:00	6254	7.549	123.6	8.58	13.52	3.965	109.6	16.55	9.95	48.22	46.42	25.62	26.06	0	0	26.26	6.375	-0.006	12.88
4/9/2010 2:00	6255	6.934	137.7	7.351	11.74	3.237	128.7	14.23	6.368	47.23	45.53	27.55	28.23	0	0	26.25	6.369	-0.006	12.89
4/9/2010 3:00	6256	5.119	144.5	10.58	8.16	1.559	121.4	13.73	4.578	46.43	44.55	29.43	30.57	0	0	26.23	6.366	-0.003	13.42
4/9/2010 4:00	6257	3.27	161.9	11.61	6.368	0.143	123.9	6.002	2.789	45.4	43.12	31.61	33.26	0	0	26.21	6.368	0.002	12.59
4/9/2010 5:00	6258	3.717	170.6	8.1	6.368	0.455	144.4	8.13	2.789	45.39	43.24	32.7	34.42	0	0	26.2	6.365	-0.003	12.27
4/9/2010 6:00	6259	3.195	162.3	12.04	6.368	0.281	137.9	11.63	2.789	43.9	42.13	35.52	37.22	0	0	26.2	6.362	-0.003	12.29
4/9/2010 7:00	6260	3.173	161.1	13.08	6.368	0.27	163.9	11	2.789	43.72	42.1	38.6	40.24	0	15.37	26.21	6.362	0	12.84
4/9/2010 8:00	6261	5.966	169.6	10.01	15.31	3.546	173.3	13.76	11.74	47.4	47.97	41.04	40.1	0	158.7	26.23	6.357	-0.005	12.76
4/9/2010 9:00	6262	13.04	175.9	9.01	18.89	9.1	180.4	13.81	17.1	55.7	56.95	38.01	36.09	0	407.6	26.29	6.352	-0.005	13.01
4/9/2010 10:00	6263	9.64	177.1	16.04	18.89	7.233	181.7	20.14	17.1	61.99	63.28	32.67	30.22	0	605.9	26.34	6.347	-0.004	12.96
4/9/2010 11:00	6264	11.34	174.6	14.42	18.89	8.33	179.1	19.27	15.31	67.14	68.82	28.34	25.37	0	799.9	26.38	6.339	-0.008	12.99
4/9/2010 12:00	6265	12.71	170.9	14.89	18.89	9.04	174.4	18.68	17.1	71.24	73.27	24.83	21.56	0	910	26.4	6.326	-0.014	13.02
4/9/2010 13:00	6266	13.3	167.6	16.32	22.47	9.55	171.6	20.48	20.68	74.71	76.91	21.92	18.51	0	957	26.39	6.313	-0.013	12.96
4/9/2010 14:00	6267	13.07	175.9	17.42	22.47	9.48	179.5	21.92	18.89	76.58	78.63	20.91	17.48	0	901	26.37	6.291	-0.022	12.94
4/9/2010 15:00	6268	10.11	172.5	33.62	20.68	7.653	174.9	37.44	17.1	79.07	80.7	19.32	16.02	0	861	26.35	6.275	-0.016	14.13
4/9/2010 16:00	6269	12.27	189.9	18.19	22.47	9.21	192.5	21.26	18.89	79.79	81.4	19.6	16.26	0	754.5	26.33	6.243	-0.032	12.99
4/9/2010 17:00	6270	12.75	180.1	21.31	24.26	9.08	182.3	24.69	18.89	79.69	81.1	20.12	17.05	0	553.2	26.31	6.212	-0.032	14.11
4/9/2010 18:00	6271	14.21	170.6	18.56	26.05	9.73	171.8	22.26	18.89	78.33	79.06	21.68	19.13	0	277	26.3	6.177	-0.035	12.98
4/9/2010 19:00	6272	18.32	162.7	7.73	29.63	11.72	164.6	12.99	20.68	74.58	74.49	27.7	26.16	0	83.2	26.29	6.152	-0.024	13.28
4/9/2010 20:00	6273	13.72	151.7	9.05	20.68	8.65	152.4	13.74	17.1	69.15	68.57	33.79	33.26	0	7.789	26.27	6.133	-0.019	14.43
4/9/2010 21:00	6274	14.08	152	8.35	20.68	8.94	152.8	13.03	18.89	64.23	63.66	40.69	40.84	0	0	26.27	6.119	-0.014	12.87
4/9/2010 22:00	6275	9.28	148.9	8.23	18.89	5.631	149.1	13.34	13.52	60.46	59.64	47.43	48.46	0	0	26.29	6.11	-0.009	13.77
4/9/2010 23:00	6276	11.71	155.9	8.13	17.1	7.236	156.7	13.38	15.31	58.08	57.34	53.69	55.23	0	0	26.28	6.101	-0.009	12.91
4/10/2010 0:00	6277	8.93	156.9	11.63	15.31	5.423	157.6	17.19	11.74	55.55	54.79	60.17	62.53	0	0	26.27	6.092	-0.009	12.81
4/10/2010 1:00	6278	6.564	152.8	10.03	17.1	3.321	147.7	17.88	9.95	52.88	51.55	65.5	69.54	0	0	26.26	6.086	-0.005	13.76
4/10/2010 2:00	6279	4.935	141.9	7.847	8.16	2.199	116.4	14.94	4.578	50.41	48.65	69.58	74.96	0	0	26.24	6.08	-0.006	12.59
4/10/2010 3:00	6280	3.825	144	13.21	8.16	1.552	121.6	19.84	4.578	49.25	47.52	71.84	77.67	0	0	26.22	6.077	-0.003	12.42
4/10/2010 4:00	6281	3.242	165.4	11.72	6.368	0.788	159.7	14.31	4.578	48.63	47.05	72.79	79.08	0	0	26.2	6.074	-0.003	12.36
4/10/2010 5:00	6282	5.487	193.9	4.079	8.16	1.553	184.3	12.87	4.578	48	45.35	73.27	81.2	0	0	26.21	6.074	0	12.29
4/10/2010 6:00	6283	3.949	202.1	2.985	6.368	1.121	255.1	34.37	2.789	46.65	44.26	75.56	83.1	0	0	26.21	6.072	-0.002	12.31
4/10/2010 7:00	6284	4.904	245.6	16.35	6.368	1.936	287.8	12.23	4.578	46.81	43.61	75.67	84.3	0	13.97	26.22	6.073	0	12.74
4/10/2010 8:00	6285	6.155	244.1	11.64	11.74	4.509	245.5	15.62	9.95	49.32	50.02	73.24	74.87	0	181.1	26.25	6.065	-0.008	12.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/10/2010 9:00	6286	9.75	219.6	8.63	15.31	7.802	219.9	11.81	11.74	55.36	56.64	65.08	64.93	0	406.3	26.31	6.063	-0.002	12.87
4/10/2010 10:00	6287	10.29	238.1	12.04	17.1	8.38	236.7	13.33	15.31	64.58	65.46	48.48	47.47	0	612.4	26.36	6.058	-0.005	13.07
4/10/2010 11:00	6288	11.94	259.2	14.39	18.89	9.71	256.8	16.94	17.1	74.53	75.41	28.92	26.96	0	795.2	26.42	6.05	-0.008	13.15
4/10/2010 12:00	6289	13.71	261.9	14.6	22.47	11.04	259.6	16.97	20.68	80.6	81.7	17.11	14.46	0	926	26.44	6.034	-0.016	13.01
4/10/2010 13:00	6290	15.65	259.7	18.04	27.84	12.69	257.8	19.65	22.47	82.9	84	13.31	10.35	0	989	26.45	6.012	-0.022	13.11
4/10/2010 14:00	6291	15.08	264.3	17.3	29.63	12.16	263.2	19.59	26.05	83.7	85	13.38	10.27	0	986	26.44	5.987	-0.025	13.19
4/10/2010 15:00	6292	14.54	259	20.07	29.63	11.71	257	22.85	24.26	84.5	85.7	13.32	10.2	0	917	26.43	5.945	-0.041	12.92
4/10/2010 16:00	6293	15.05	240.5	18.81	26.05	11.83	239.8	19.87	24.26	85.2	86.3	13.37	10.26	0	777.3	26.41	5.92	-0.025	14.37
4/10/2010 17:00	6294	13.94	245.9	22.85	24.26	11.13	244.1	23.43	20.68	85.7	86.6	13.55	10.53	0	606	26.4	5.888	-0.032	12.97
4/10/2010 18:00	6295	15.1	244.7	19.44	26.05	11.68	244.3	20.61	20.68	84.8	85.2	14.19	11.39	0	385.7	26.39	5.853	-0.035	14.07
4/10/2010 19:00	6296	11.17	256.2	12.89	24.26	8.4	254.1	14.36	18.89	82.9	82.7	15.99	13.64	0	154.2	26.39	5.828	-0.025	12.83
4/10/2010 20:00	6297	4.194	286.8	23.88	9.95	2.203	287	53.24	8.16	77.5	75.11	18.41	17.93	0	7.218	26.38	5.816	-0.012	12.89
4/10/2010 21:00	6298	4.807	311	4.152	8.16	1.663	323.3	30.77	4.578	73.39	68.45	21.28	23.09	0	0	26.36	5.804	-0.012	13.23
4/10/2010 22:00	6299	7.806	200.2	65.87	18.89	3.665	171	16.3	11.74	71.02	66.67	25.99	28.01	0	0	26.37	5.799	-0.005	14.73
4/10/2010 23:00	6300	7.025	199.3	24.12	13.52	3.606	201.1	27.59	8.16	67.7	65.57	41.37	42.87	0	0	26.39	5.787	-0.013	13.05
4/11/2010 0:00	6301	7.046	188.4	9.77	11.74	3.358	190.8	13.88	9.95	65.38	63.22	51.95	54.56	0	0	26.38	5.78	-0.006	13.13
4/11/2010 1:00	6302	5.131	192.1	12.85	11.74	1.712	196.2	13.04	4.578	63.13	60.6	61.68	65.99	0	0	26.37	5.777	-0.003	13
4/11/2010 2:00	6303	2.885	170.8	23.73	6.368	0.395	79.28	18.78	2.789	60.53	58.23	71.3	76.81	0	0	26.35	5.774	-0.003	12.87
4/11/2010 3:00	6304	4.658	166	16.41	8.16	1.234	100.2	11.17	4.578	59.8	56.95	76.79	83.6	0	0	26.34	5.771	-0.002	12.92
4/11/2010 4:00	6305	5.401	155.5	10.77	8.16	1.366	124.8	12.8	4.578	58.1	55.56	83	90.2	0	0	26.34	5.772	0	12.98
4/11/2010 5:00	6306	5.444	140	17.58	9.95	2.704	130.8	24.01	6.368	57.57	56.51	90	95.5	0	0	26.34	5.769	-0.003	12.85
4/11/2010 6:00	6307	5.105	124.2	18.81	11.74	3.034	111	25.55	6.368	57.83	57.5	94.5	98.4	0	0	26.35	5.768	0	12.9
4/11/2010 7:00	6308	6.25	73.31	12.85	9.95	4.287	68.28	14.4	8.16	56.73	56.99	95.4	99	0	5.079	26.36	5.768	-0.001	13.49
4/11/2010 8:00	6309	5.666	105.5	34.09	11.74	3.978	102.6	36.38	8.16	56.61	57.19	94.7	98.1	0	26.21	26.4	5.768	0	13.08
4/11/2010 9:00	6310	5.644	126.6	19.11	11.74	4.071	124.6	24.15	8.16	58.9	59.62	96.4	99.2	0	68.01	26.41	5.768	0	12.16
4/11/2010 10:00	6311	6.633	33.35	26.07	13.52	4.787	30.68	24.75	11.74	60.45	61.4	93.4	96.4	0	193.5	26.44	5.764	-0.003	12.8
4/11/2010 11:00	6312	9.01	31.17	16.69	13.52	6.419	28.52	17.71	13.52	63.07	64.35	86.9	89.1	0	335.6	26.49	5.761	-0.004	13.03
4/11/2010 12:00	6313	9.18	1.997	19.77	13.52	7.338	0.566	20.6	11.74	66.62	67.84	74.54	76.17	0	269.4	26.51	5.759	-0.001	13.1
4/11/2010 13:00	6314	5.481	348.2	45.27	11.74	4.876	347.8	42.78	11.74	73.04	73.56	55.81	56.49	0	572.6	26.49	5.756	-0.003	13.37
4/11/2010 14:00	6315	4.894	250.4	89.3	13.52	4.076	264.9	78.03	11.74	82.1	82.3	40.1	39.07	0	947	26.5	5.749	-0.007	13.02
4/11/2010 15:00	6316	6.594	124.7	47.6	15.31	5.306	130.1	53.71	13.52	81.6	82.5	38.12	36.26	0	588.1	26.5	5.736	-0.013	13.32
4/11/2010 16:00	6317	12.16	142.5	17.38	22.47	8.46	146.6	21.94	17.1	79.56	80.8	39.51	37.5	0	434	26.47	5.723	-0.013	13.13
4/11/2010 17:00	6318	10.78	152	18.79	20.68	7.685	155.9	23.91	17.1	79.67	81.2	41.08	38.68	0	475.4	26.46	5.701	-0.022	13.48
4/11/2010 18:00	6319	10.55	140.5	17.47	20.68	7.149	142.3	23.08	15.31	78.85	79.58	37.71	36.22	0	225.4	26.45	5.676	-0.025	13.27
4/11/2010 19:00	6320	11.08	136.3	12.37	33.21	7.018	137.5	17.54	24.26	76.54	76.38	38.76	38.34	0	52.2	26.43	5.651	-0.025	13.87
4/11/2010 20:00	6321	12.38	157.1	13.16	22.47	7.785	159.5	17.76	17.1	72.84	72.32	46.89	47.32	0	2.044	26.42	5.639	-0.012	13.19
4/11/2010 21:00	6322	8.24	136.6	15.34	15.31	4.977	134.9	20.8	11.74	69.03	68.54	59.05	60.48	0	0	26.43	5.63	-0.009	13.03
4/11/2010 22:00	6323	9.98	123.6	7.67	18.89	6.149	123.3	14.14	15.31	66.01	65.57	68.35	70.78	0	0	26.44	5.627	-0.002	13.29
4/11/2010 23:00	6324	15.15	134.9	8.46	24.26	9.93	137.1	14.31	18.89	64.69	64.61	81.3	84.2	0	0	26.44	5.622	-0.006	12.91
4/12/2010 0:00	6325	14.33	129.4	10.3	22.47	9.34	131.1	15.96	17.1	62.11	62.03	89.4	93.3	0	0	26.43	5.619	-0.003	12.19
4/12/2010 1:00	6326	11.53	125.8	8.51	20.68	7.242	125.8	15.07	17.1	60.02	60.1	94.3	98.6	0	0	26.42	5.612	-0.006	14.1
4/12/2010 2:00	6327	9.94	125.9	9.14	15.31	6.17	125.7	14.87	11.74	58.57	58.57	97.9	99.4	0	0	26.4	5.609	-0.003	12.99
4/12/2010 3:00	6328	8.99	129.6	7.951	15.31	5.664	131	14.59	11.74	57.99	58.09	99.9	99.4	0	0	26.38	5.609	0	13.04
4/12/2010 4:00	6329	8.97	132.8	7.898	17.1	5.887	133.5	13.97	13.52	59.05	59.5	99.9	99.4	0	0	26.38	5.609	0	12.96
4/12/2010 5:00	6330	8.11	127.3	8.72	13.52	5.452	127.1	14.66	9.95	58.37	58.91	99.9	99.4	0	0	26.38	5.609	0	12.82

WCS Meteorological Data
Tower 1 2010 to 2015

OR5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
4/12/2010 6:00	6331	7.745	126.1	10.43	11.74	5.135	126.4	16.82	9.95	58.35	58.93	99.9	99.4	0	0	26.38	9.44	3.827	12.68	
4/12/2010 7:00	6332	6.387	139.9	11.1	9.95	4.329	140.7	16.36	8.16	59.13	59.62	98.6	99.4	0	7.316	26.39	6.871	-2.565	13.13	
4/12/2010 8:00	6333	8.14	127.3	9.73	13.52	5.509	127.9	15.72	11.74	59.98	60.72	97.7	99.2	0	63.41	26.41	7.033	0.162	12.94	
4/12/2010 9:00	6334	12.9	145.2	12.37	20.68	8.74	147.5	16.45	17.1	62.36	63.63	91.3	93.4	0	191.5	26.43	9.44	2.403	13.13	
4/12/2010 10:00	6335	15.01	152.4	9.88	22.47	10.02	155.7	14.72	18.89	64.66	66.28	82.5	83.3	0	247.4	26.44	9.43	-0.002	14.38	
4/12/2010 11:00	6336	14.51	148.9	11.53	22.47	9.67	151.9	16.05	17.1	65.7	67.25	78.88	79.46	0	246.1	26.45	9.43	-0.001	14.28	
4/12/2010 12:00	6337	15.89	141.8	11.31	22.47	10.87	144	16.15	18.89	67.7	69.68	73.66	72.99	0	445.1	26.45	9.43	0	12.86	
4/12/2010 13:00	6338	15.99	143.9	11.65	26.05	10.89	145.4	16.81	20.68	69.91	72.15	67.42	65.85	0	498.1	26.44	9.44	0.003	13.14	
4/12/2010 14:00	6339	18.07	141.9	12.75	29.63	12.16	142.8	17.78	20.68	72.13	74.87	61.45	58.76	0	681.1	26.43	9.43	-0.001	14.22	
4/12/2010 15:00	6340	18.3	143.3	15.46	27.84	12.56	145	19.49	26.05	73.8	76.32	57.73	54.94	0	711.7	26.43	9.43	0	13.7	
4/12/2010 16:00	6341	19.39	141.2	12.05	31.42	13.02	142.6	16.8	24.26	74.65	76.56	56.77	54.44	0	531.3	26.4	9.43	0	14.47	
4/12/2010 17:00	6342	20.51	137.3	10.83	33.21	13.67	139.3	16.45	27.84	74.83	76.19	53.12	51.55	0	412.7	26.36	9.43	0	13.22	
4/12/2010 18:00	6343	21.34	131.7	10.97	33.21	14.17	133.2	16.78	27.84	75.17	76.32	52.41	51.01	0	372.9	26.35	9.43	-0.006	13.2	
4/12/2010 19:00	6344	20.69	137.1	11.02	33.21	13.4	139.3	15.97	26.05	71.93	72.1	54.51	54.62	0	85.7	26.34	9.4	-0.024	14.6	
4/12/2010 20:00	6345	17.51	145.8	8.65	29.63	11.33	149.2	13.92	22.47	68.82	68.61	62.58	64.06	0	2.617	26.33	9.39	-0.015	14.17	
4/12/2010 21:00	6346	20.1	142.7	7.635	33.21	13.15	146.2	13.08	24.26	66.64	66.66	69.11	71.32	0	0	26.33	9.38	-0.011	13.05	
4/12/2010 22:00	6347	19.44	147.3	8.43	31.42	12.81	150.5	13.23	26.05	64.34	64.62	77.23	80	0	0	26.35	9.37	-0.008	12.17	
4/12/2010 23:00	6348	14.52	151.6	8.15	26.05	9.4	154.3	13.38	22.47	61.94	62.31	82.2	85.3	0	0	26.36	9.36	-0.009	12.94	
4/13/2010 0:00	6349	14.36	168.7	9.13	22.47	9.24	171.7	13.52	17.1	61.98	62.48	83.3	86.2	0	0	26.35	9.35	-0.006	13.08	
4/13/2010 1:00	6350	15.84	165.6	8.73	26.05	10.16	168.9	13.25	18.89	61.58	62.15	86.8	89.9	0	0	26.33	9.35	-0.006	13.09	
4/13/2010 2:00	6351	16.21	155	10.15	27.84	10.59	158.2	14.6	20.68	60.83	61.44	89.3	92.7	0	0	26.3	9.34	-0.003	14.5	
4/13/2010 3:00	6352	18.97	146.7	11.06	31.42	12.39	148.9	14.82	24.26	59.59	60.09	90.4	94.2	0	0	26.26	9.34	-0.006	13.14	
4/13/2010 4:00	6353	19.09	158.3	9.53	31.42	12.23	161.1	14.21	24.26	59.57	60.13	88.5	92.1	0	0	26.26	9.33	-0.006	14.3	
4/13/2010 5:00	6354	18.97	161.1	8.51	34.99	12.29	163.4	13	24.26	59.07	59.73	90.7	94.1	0	0	26.27	9.33	-0.006	14.62	
4/13/2010 6:00	6355	16.59	160	8.2	26.05	10.74	163.2	13.01	18.89	58.65	59.31	92.9	96.4	0	0	26.27	9.32	-0.003	13.05	
4/13/2010 7:00	6356	15.7	160.2	9.11	24.26	10.23	163.2	13.82	20.68	58.89	59.56	92	95.6	0	1.852	26.29	9.32	0	12.73	
4/13/2010 8:00	6357	16.81	155	8.78	24.26	11	158.2	13.7	20.68	59.2	59.96	91.4	94.6	0	35.25	26.3	9.32	-0.003	13.1	
4/13/2010 9:00	6358	19.85	156.8	8.72	29.63	12.72	159.8	13.49	24.26	59.64	60.52	90.4	93.2	0	71.81	26.31	9.32	-0.003	14.19	
4/13/2010 10:00	6359	21.12	160.8	8.53	31.42	13.61	164	13.77	24.26	61.14	62.22	86.6	88.6	0	173.6	26.29	9.31	-0.006	10.18	
4/13/2010 11:00	6360	21.86	156.6	10.07	33.21	14.38	160.5	14.66	24.26	62.37	64.11	83.9	84.2	0	369.4	26.32	9.3	-0.007	12.19	
4/13/2010 12:00	6361	21.82	157.7	9.57	33.21	14.38	161.3	14.64	26.05	65.15	67.21	76.44	75.71	0	452.4	26.34	9.29	-0.015	12.31	
4/13/2010 13:00	6362	22.13	160.1	10.34	33.21	14.49	163.3	15.01	24.26	67.35	69.57	72.1	70.62	0	601.8	26.34	9.26	-0.026	12.6	
4/13/2010 14:00	6363	21.51	163.7	10.67	33.21	14.26	167.4	14.64	26.05	68.88	71.27	69.56	67.31	0	596.9	26.34	9.22	-0.038	12.39	
4/13/2010 15:00	6364	20.52	164.6	12.41	31.42	13.82	168	16.42	24.26	70.07	72.32	66.89	64.59	0	640.8	26.33	9.19	-0.029	13.06	
4/13/2010 16:00	6365	22.18	151.5	12.89	34.99	14.76	153.4	16.87	27.84	71.59	73.87	65.01	62.22	0	752.3	26.32	9.17	-0.02	14.41	
4/13/2010 17:00	6366	23.5	142.4	11.1	33.21	15.66	145.2	15.93	29.63	71.23	73.07	65.07	63.11	0	558.7	26.3	9.15	-0.025	13.08	
4/13/2010 18:00	6367	25.15	142.7	10.28	36.78	16.51	146.5	14.9	29.63	71.49	72.71	64.61	63.67	0	370.2	26.29	9.12	-0.031	14.09	
4/13/2010 19:00	6368	25.22	146.7	8.47	34.99	16.64	149.5	13.51	29.63	67.84	68.62	71.78	72.65	0	140.5	26.3	9.09	-0.025	12.83	
4/13/2010 20:00	6369	21.02	148.7	8.86	33.21	13.77	151.6	13.86	26.05	64.5	65.02	78.94	81.3	0	3.184	26.29	9.08	-0.018	12.77	
4/13/2010 21:00	6370	21.47	149.4	8.4	34.99	14.02	152.7	13.45	27.84	63.84	64.35	80.8	83.4	0	0	26.3	9.07	-0.011	13.95	
4/13/2010 22:00	6371	18.92	149	9.24	29.63	12.19	152.8	13.99	26.05	63.4	63.93	82	84.7	0	0	26.33	9.05	-0.016	12.6	
4/13/2010 23:00	6372	19.28	145.7	8.56	29.63	12.46	148.3	14.06	24.26	62.72	63.29	84.4	87.2	0	0	26.33	9.04	-0.01	12.91	
4/14/2010 0:00	6373	17.93	143.1	8.78	31.42	11.85	146.3	13.6	20.68	61.9	62.47	86.7	89.7	0	0	26.32	9.03	-0.013	12.77	
4/14/2010 1:00	6374	18.31	147.8	9.69	36.78	11.99	151.2	14.21	31.42	61.68	62.19	87.8	91	0	0	26.33	9.02	-0.003	12.56	
4/14/2010 2:00	6375	16.47	150.4	9.71	26.05	10.63	153.6	14.05	20.68	60.26	60.71	94	96.4	0	0	26.33	9.02	-0.003	12.73	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/14/2010 3:00	6376	15.34	153.8	9.38	26.05	9.73	157.6	13.95	18.89	58.92	59.26	96.4	99.4	0	0	26.32	9.02	-0.003	14.34
4/14/2010 4:00	6377	14.75	155.2	8.43	26.05	9.41	158.3	13.03	18.89	59.09	59.44	96.1	99.4	0	0	26.33	9.02	0	12.59
4/14/2010 5:00	6378	14.4	170.3	9.77	26.05	9.27	174.7	13.93	20.68	58.54	58.91	95.4	99	0	0	26.35	9.01	-0.006	12.77
4/14/2010 6:00	6379	8.94	163.4	13.98	15.31	5.768	167.2	17.42	11.74	57.2	57.78	99.9	99.4	0.01	0	26.36	9.01	0.003	12.67
4/14/2010 7:00	6380	12.38	144.3	10.31	20.68	8.18	148	15.17	15.31	57.39	57.93	99.9	99.4	0	9.45	26.36	9.01	0	12.85
4/14/2010 8:00	6381	12.59	149.7	9.36	20.68	8.25	153.1	14.6	18.89	57.97	58.55	99.9	99.4	0	37.11	26.38	9.01	0	12.83
4/14/2010 9:00	6382	13.49	154.6	9.01	20.68	8.77	158.3	14	17.1	59.19	59.83	99.7	99.4	0	82	26.39	9.01	0	12.77
4/14/2010 10:00	6383	15.29	133.1	14.29	26.05	10.24	134.9	19.63	20.68	62.01	63.34	93.9	95.7	0	395.6	26.39	9.02	0.003	12.72
4/14/2010 11:00	6384	19.97	131.5	11.24	29.63	13.16	133.1	17.32	22.47	65.21	67.25	85.5	85.8	0	495.1	26.41	9.01	-0.003	12.79
4/14/2010 12:00	6385	22.25	143.2	9.89	31.42	14.83	146	15.31	26.05	67.08	69.15	78.46	77.96	0	555.5	26.43	9.01	0	13.1
4/14/2010 13:00	6386	19.47	149.3	11.56	29.63	12.92	151	16.52	24.26	68.78	71.37	74.54	72.6	0	678.2	26.44	9	-0.013	13.01
4/14/2010 14:00	6387	17.87	146.3	12.65	27.84	12.22	148.8	17.4	22.47	69.42	72.21	72.07	69.47	0	771	26.45	8.98	-0.024	13
4/14/2010 15:00	6388	17.46	135.6	14.51	26.05	11.95	135.9	20.22	20.68	70.19	73.14	70.2	67.12	0	790.3	26.44	8.96	-0.019	14.01
4/14/2010 16:00	6389	17.93	136.6	13.59	27.84	12.07	137.5	18.96	20.68	71.4	74.01	66.28	63.3	0	652.4	26.43	8.93	-0.025	13.12
4/14/2010 17:00	6390	18.73	137.3	11.96	27.84	12.58	138.4	17.23	22.47	70.1	71.97	68.19	66.36	0	426.3	26.41	8.91	-0.025	14.2
4/14/2010 18:00	6391	19.08	126.2	9.49	27.84	12.72	125.4	15.88	22.47	66.9	67.94	76.82	77.13	0	196.7	26.4	8.89	-0.018	13.1
4/14/2010 19:00	6392	18.84	117.2	8.37	29.63	12.7	115.9	14.8	24.26	64.53	65.28	82.7	84.3	0	95.3	26.39	8.87	-0.021	12.99
4/14/2010 20:00	6393	15.75	119.6	8.53	26.05	10.46	118.4	14.59	18.89	62.62	62.99	86.9	89.9	0	2.51	26.38	8.86	-0.011	12.25
4/14/2010 21:00	6394	14.88	123.2	8.05	22.47	9.85	122	14.6	17.1	61.78	62.25	91.3	94.4	0	0	26.39	8.84	-0.016	12.6
4/14/2010 22:00	6395	14.82	136.2	9.63	24.26	9.66	137	15.18	17.1	60.24	60.63	98.5	99.1	0.01	0	26.4	8.84	-0.003	12.57
4/14/2010 23:00	6396	13.7	137.4	8.73	22.47	9.02	137.8	14.48	17.1	59.78	60.18	99.9	99.4	0	0	26.39	8.83	-0.006	12.68
4/15/2010 0:00	6397	13.85	132.3	9.38	22.47	8.89	132.4	15.19	17.1	59.25	59.7	99.9	99.4	0	0	26.39	8.83	0	12.21
4/15/2010 1:00	6398	14.35	142.3	9.75	27.84	9.33	143.3	14.54	20.68	58.62	59.04	99.9	99.4	0.07	0	26.38	8.85	0.013	12.81
4/15/2010 2:00	6399	12.15	138	9.54	20.68	7.879	137.7	14.78	17.1	58.78	59.17	99.8	99.4	0	0	26.38	8.84	-0.003	12.71
4/15/2010 3:00	6400	10.41	135.7	8.59	15.31	6.648	136.1	14.69	11.74	58.74	59.08	99.8	99.4	0	0	26.38	8.85	0.003	12.71
4/15/2010 4:00	6401	9.87	132.9	8.71	17.1	6.457	132.6	14.71	13.52	58.46	58.83	99.8	99.4	0	0	26.37	8.84	-0.003	12.77
4/15/2010 5:00	6402	8.65	133	8.66	13.52	5.649	133.1	14.72	9.95	58.49	58.84	99.4	99.4	0	0	26.38	8.84	0	13.05
4/15/2010 6:00	6403	6.08	130.6	13.05	9.95	4.056	127.9	18.71	8.16	58.13	58.49	99.3	99.4	0	0	26.39	8.84	0	12.65
4/15/2010 7:00	6404	5.052	63.22	27.41	8.16	3.208	59.05	26.71	6.368	58.06	58.49	98.9	99.4	0.01	3.296	26.4	8.85	0.003	13.03
4/15/2010 8:00	6405	8.18	39.15	18.82	17.1	5.742	36.68	18.93	13.52	57.05	57.64	99.5	99.4	0.02	56.38	26.42	8.86	0.016	12.96
4/15/2010 9:00	6406	11.51	22.26	10.21	17.1	8.57	22.39	11.97	17.1	56.42	57.18	98.1	99.4	0	147.2	26.42	8.86	0	13.03
4/15/2010 10:00	6407	10.21	39.61	13.08	15.31	6.52	37.62	13.82	13.52	56.4	57.06	98.8	99.4	0.05	52.25	26.43	8.89	0.025	12.16
4/15/2010 11:00	6408	9.61	71.35	7.301	15.31	6.851	68	12.58	11.74	55.88	56.51	99.9	99.4	0.16	53.56	26.44	9.01	0.124	12.32
4/15/2010 12:00	6409	7.699	82.8	9.2	11.74	5.298	79.38	15.49	8.16	56.87	57.59	99.9	99.4	0.09	99.9	26.45	9.07	0.063	13
4/15/2010 13:00	6410	5.355	78.47	10.8	9.95	3.993	74.62	16.17	8.16	57.85	58.63	98.9	99.4	0.05	148.3	26.44	9.11	0.038	13
4/15/2010 14:00	6411	9.24	44.83	26.75	15.31	6.333	43	26.78	13.52	58.5	59.22	96.1	99.4	0.01	149.6	26.42	9.12	0.01	12.97
4/15/2010 15:00	6412	8.57	38.57	12.7	13.52	5.46	35.74	13.33	11.74	58.48	59.07	97.3	99.4	0.04	83.1	26.42	9.14	0.022	12.94
4/15/2010 16:00	6413	8.63	57.88	11.15	13.52	5.861	55.61	14.64	9.95	58.46	59.07	98.1	99.4	0.03	85.4	26.42	9.17	0.025	13.04
4/15/2010 17:00	6414	9.67	53.38	11.2	15.31	6.005	49.68	14.18	11.74	58.36	58.96	96.2	99.4	0.01	101.7	26.41	9.18	0.01	13.13
4/15/2010 18:00	6415	10.95	56.35	13.46	17.1	7.175	53.79	15.61	13.52	58.03	58.68	95.2	99.3	0	96	26.41	9.18	-0.003	12.32
4/15/2010 19:00	6416	11.31	54.51	11.68	17.1	7.414	51.8	14.06	15.31	57.24	57.85	96	99.4	0	50.27	26.4	9.18	0	12.21
4/15/2010 20:00	6417	9.56	46.78	9.64	17.1	5.73	43.44	11.86	11.74	57.02	57.54	98.2	99.4	0	7.478	26.4	9.18	0	12.25
4/15/2010 21:00	6418	7.838	50.27	11.08	13.52	4.945	48.23	13.82	9.95	55.61	56	99.4	99.4	0	0	26.41	9.18	0	12.18
4/15/2010 22:00	6419	7.763	31.87	9.33	11.74	4.747	30.85	10.22	9.95	54.59	55.05	99.8	99.4	0	0	26.42	9.18	0.001	12.22
4/15/2010 23:00	6420	10.29	41.68	11.55	17.1	6.086	38.25	12.58	11.74	55.31	55.82	99.9	99.4	0	0	26.42	9.18	0	12.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
4/16/2010 0:00	6421	9.2	35.96	11.68	15.31	5.773	33.87	12.59	13.52	56.27	56.76	99.9	99.4	0	0	26.42	9.18	0	12.18	
4/16/2010 1:00	6422	9.48	12.46	16.3	18.89	7.049	11.66	19.17	15.31	56.37	56.93	99.9	99.4	0	0	26.42	9.18	0	12.33	
4/16/2010 2:00	6423	10.66	6.427	11.71	17.1	7.907	6.274	19.05	13.52	55.97	56.52	99.9	99.4	0	0	26.41	9.18	0	12.27	
4/16/2010 3:00	6424	10.33	359.7	15.83	17.1	7.623	358.5	21.46	13.52	56.09	56.66	99.9	99.4	0	0	26.4	9.18	0	12.28	
4/16/2010 4:00	6425	11.24	354.5	18.12	18.89	8.49	353	21.69	15.31	55.59	56.08	99.3	99.4	0	0	26.4	9.18	0	12.18	
4/16/2010 5:00	6426	8.93	339.6	13.05	18.89	7.026	337.3	17.02	15.31	55.13	55.51	99.7	99.4	0	0	26.39	9.18	0	12.14	
4/16/2010 6:00	6427	10.72	341.6	12.15	17.1	8.6	339.4	14.51	15.31	55.64	56.13	98.6	99.4	0	0	26.4	9.18	0	12.23	
4/16/2010 7:00	6428	12.8	332.4	13.52	20.68	10.3	332.4	14.75	18.89	55.27	55.85	97	99.4	0	21.49	26.41	9.18	0	13.18	
4/16/2010 8:00	6429	13.03	326.9	10.42	20.68	9.09	331.5	16.23	18.89	54.95	55.84	96.2	99.3	0	79.28	26.43	9.18	0	14.2	
4/16/2010 9:00	6430	15.31	332.7	9.75	24.26	12.71	333	11.6	22.47	55.82	56.74	92.7	96.9	0	201.7	26.44	9.18	0	12.92	
4/16/2010 10:00	6431	14	342.2	11.45	22.47	11.18	341.4	16.17	18.89	58.72	59.81	87.2	91.3	0	270.9	26.45	9.18	0	14	
4/16/2010 11:00	6432	13.19	355.5	15	22.47	10.12	354.3	22.27	20.68	60.97	62.06	82.8	86.6	0	313	26.46	9.18	0	12.76	
4/16/2010 12:00	6433	16.36	357.1	12.63	27.84	12.35	357.1	19.75	22.47	62.64	63.76	77.37	80.8	0	386.8	26.47	9.17	-0.001	12.79	
4/16/2010 13:00	6434	16.01	12.18	13.89	27.84	11.96	13.16	16.98	24.26	63.68	64.79	76.06	78.76	0	434.1	26.47	9.17	-0.001	12.58	
4/16/2010 14:00	6435	16.85	0.62	12.73	26.05	12.9	359.7	20.18	24.26	64.73	66.12	73.65	76.22	0	664.1	26.46	9.17	0	12.34	
4/16/2010 15:00	6436	16.78	357.1	14.12	26.05	13.03	355.5	19.93	22.47	67.85	69.24	66.45	67.96	0	767	26.46	9.17	-0.006	12.88	
4/16/2010 16:00	6437	19.13	5.363	12.01	31.42	14.39	5.149	17.69	26.05	67.55	68.67	65.8	66.72	0	533.8	26.45	9.15	-0.013	12.54	
4/16/2010 17:00	6438	20.15	7.421	10.72	33.21	15.06	7.505	14.84	27.84	65.78	66.66	70.4	71.76	0	302.9	26.43	9.14	-0.016	12.9	
4/16/2010 18:00	6439	21.7	22.98	11.34	33.21	15.37	22	12.69	31.42	62.86	63.43	76.03	78.08	0	228.1	26.42	9.13	-0.008	13.36	
4/16/2010 19:00	6440	22	25.66	9.48	31.42	14.92	25.28	11.66	31.42	60.48	60.93	78.41	80.8	0	110.2	26.41	9.12	-0.014	12.25	
4/16/2010 20:00	6441	18.97	26.4	9.41	31.42	12.96	25.28	11	27.84	57.03	57.41	87.5	90.7	0	3.137	26.41	9.1	-0.013	12.18	
4/16/2010 21:00	6442	17.1	23.17	9.57	27.84	12.1	23.06	11.41	24.26	55.48	55.78	90.2	93.7	0	0	26.4	9.09	-0.01	14.15	
4/16/2010 22:00	6443	17.23	13.41	10.95	29.63	13.08	14.02	13.12	27.84	55.44	55.81	86.3	89.6	0	0	26.41	9.09	-0.006	12.64	
4/16/2010 23:00	6444	17.62	17.63	10.78	29.63	13.22	18.32	12.48	26.05	53.48	53.91	91	94.3	0	0	26.41	9.08	-0.003	12.24	
4/17/2010 0:00	6445	16.79	17.49	10.64	27.84	12.67	16.72	12.57	24.26	51.95	52.4	93.9	97.2	0	0	26.39	9.08	-0.005	12.61	
4/17/2010 1:00	6446	14.83	10.92	10.8	33.21	11.24	10.97	13.34	24.26	51.05	51.5	93	96.5	0	0	26.4	9.07	-0.006	12.34	
4/17/2010 2:00	6447	14.31	7.432	12.16	24.26	10.78	7.078	14.66	20.68	49.61	50.02	95.6	99.2	0	0	26.39	9.07	-0.002	12.35	
4/17/2010 3:00	6448	13.71	355.7	13.68	24.26	10.22	355	15.4	18.89	48.86	49.3	98.3	99.4	0	0	26.38	9.07	0	12.58	
4/17/2010 4:00	6449	13.32	355.1	14.25	22.47	9.8	354.5	16.01	18.89	48.23	48.65	99.5	99.4	0	0	26.36	9.07	0	12.25	
4/17/2010 5:00	6450	13.56	358.2	13.94	22.47	10.07	357.8	16.56	17.1	48.44	48.75	98.2	99.4	0	0	26.36	9.07	0	13.76	
4/17/2010 6:00	6451	14.05	8.38	11.96	22.47	10.71	9.47	16.01	18.89	48.58	48.93	96.8	99.4	0	0	26.35	9.07	0	12.19	
4/17/2010 7:00	6452	13.21	11.16	12.15	20.68	9.92	11.89	17.25	18.89	48.86	49.22	95.4	99.2	0	3.353	26.36	9.07	-0.003	12.21	
4/17/2010 8:00	6453	13.11	17.06	10.66	22.47	9.99	17.72	13.27	18.89	48.41	48.84	97	99.3	0	63.5	26.38	9.07	0.003	12.14	
4/17/2010 9:00	6454	12.25	18.76	10.65	20.68	9.06	19.67	13.04	17.1	48.76	49.35	98.8	99.4	0.01	133	26.4	9.07	0	12.23	
4/17/2010 10:00	6455	14.28	22.26	9.55	22.47	10.47	22.1	11.91	20.68	49.12	49.64	96.9	99.3	0	166.3	26.4	9.07	0	12.21	
4/17/2010 11:00	6456	12.64	18.43	11.33	20.68	9.13	19.31	15.3	17.1	50.14	50.88	93.7	97.8	0	193.5	26.41	9.07	-0.001	12.2	
4/17/2010 12:00	6457	13.47	22.15	10.35	20.68	9.59	22.91	12.56	18.89	50.82	51.51	91.6	95.8	0	197.4	26.41	9.07	-0.001	12.15	
4/17/2010 13:00	6458	12.29	12.3	13.79	18.89	9.26	11.96	17.79	17.1	51.5	52.4	90.2	94.1	0	208	26.41	9.07	0	12.29	
4/17/2010 14:00	6459	10.09	0.162	18.8	17.1	7.938	358.7	23.06	17.1	52.71	53.71	87	90.7	0	185.6	26.41	9.07	-0.001	12.32	
4/17/2010 15:00	6460	6.393	11.23	32.08	13.52	4.823	9.93	34.55	9.95	51.89	52.83	93.5	97.6	0.01	257.6	26.4	9.07	0	12.25	
4/17/2010 16:00	6461	6.455	60.37	16.07	9.95	4.561	58.65	20.12	9.95	53.43	54.59	91.4	95.9	0	271	26.38	9.07	0	12.4	
4/17/2010 17:00	6462	7.835	50.87	14.19	11.74	5.18	48.83	16.35	9.95	54.12	55.31	88.8	92.7	0	201.4	26.37	9.07	0.003	12.21	
4/17/2010 18:00	6463	8.94	35.21	12.94	15.31	5.758	35.01	14.33	15.31	54.03	54.81	86.9	90.8	0	79.6	26.37	9.07	-0.003	14.47	
4/17/2010 19:00	6464	10.39	26.34	10.3	15.31	7.205	26.03	11.93	15.31	53.61	54.3	86.9	90.7	0	34.66	26.36	9.07	0	12.32	
4/17/2010 20:00	6465	8.89	25.46	9.8	15.31	6.188	25.48	11.48	15.31	52.78	53.4	88.5	92.3	0	2.327	26.35	9.07	0.001	12.21	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/17/2010 21:00	6466	6.83	26.99	9.97	9.95	4.695	26.49	11.02	9.95	52.28	52.88	90	93.9	0	0	26.36	9.07	0	12.48
4/17/2010 22:00	6467	5.479	53.32	14.43	8.16	3.652	53.16	16.53	6.368	51.61	52.17	92.4	96.6	0	0	26.37	9.07	0	12.17
4/17/2010 23:00	6468	5.171	59.22	9.95	8.16	3.397	59.91	11.85	8.16	50.04	50.41	96.1	99.3	0	0	26.37	9.07	-0.002	12.21
4/18/2010 0:00	6469	3.799	46.42	13.1	6.368	1.769	52.79	16.36	4.578	48.69	48.84	98.6	99.4	0	0	26.36	9.07	0.001	12.3
4/18/2010 1:00	6470	2.351	12.36	45.34	9.95	1.149	332.1	42.77	4.578	47.26	47.03	99.6	99.4	0	0	26.35	9.07	-0.003	12.33
4/18/2010 2:00	6471	3.958	329.8	5.899	6.368	2.386	327.5	9.66	4.578	46.47	46.16	99.9	99.3	0	0	26.35	9.07	0	12.33
4/18/2010 3:00	6472	4.452	334.3	8.05	6.368	3.47	333	12.55	6.368	47.22	47.78	99.9	99.4	0	0	26.34	9.06	-0.003	12.17
4/18/2010 4:00	6473	4.551	324.6	8.99	8.16	3.305	323.5	10.49	6.368	48.43	48.94	99.8	99.4	0	0	26.34	9.06	0	12.23
4/18/2010 5:00	6474	5.277	319.9	11.06	6.368	3.413	325	13.53	4.578	47.48	47.4	99.7	99.4	0	0	26.34	9.06	-0.003	12.27
4/18/2010 6:00	6475	6.62	330.7	8.47	9.95	4.406	331.5	11.44	8.16	46.93	46.62	99.8	99.3	0	0	26.34	9.06	0	12.34
4/18/2010 7:00	6476	7.678	356	15.39	11.74	5.132	356.7	18.53	9.95	47	47.08	97	99.4	0	30.36	26.34	9.06	0	12.16
4/18/2010 8:00	6477	8.08	351.8	15.75	13.52	6.119	348.3	20.34	9.95	48.89	49.75	94.2	98.4	0	142.8	26.38	9.06	0	12.42
4/18/2010 9:00	6478	9.37	351.2	12.47	13.52	7.56	347	19.22	11.74	51.25	52.66	88	92	0	332.3	26.41	9.06	-0.001	12.24
4/18/2010 10:00	6479	10.18	4.522	12.23	15.31	8.07	2.621	20.04	15.31	54.97	56.45	75.71	79.1	0	581.6	26.43	9.06	-0.002	12.75
4/18/2010 11:00	6480	8.7	9.52	19.13	15.31	6.701	8.2	24.47	13.52	58.33	59.91	67.07	69.39	0	759.1	26.46	9.05	-0.002	14.4
4/18/2010 12:00	6481	6.983	21.57	35.29	13.52	5.265	19.29	36.37	9.95	61.89	63.56	59.35	60.59	0	898	26.47	9.05	-0.004	13.38
4/18/2010 13:00	6482	7.479	38.7	22.78	17.1	5.385	34.94	27.22	13.52	64.54	66.19	53.48	53.94	0	968	26.47	9.04	-0.006	12.91
4/18/2010 14:00	6483	6.676	33.73	41.01	15.31	5.065	32.28	47.11	13.52	67.49	68.78	48.29	48.31	0	960	26.47	9.04	-0.004	12.93
4/18/2010 15:00	6484	6.795	65.38	47.47	15.31	5.274	60.93	47	13.52	69	70.18	45.86	45.17	0	864	26.45	9.03	-0.01	12.87
4/18/2010 16:00	6485	5.533	354.8	47.6	13.52	4.514	352.2	51.32	11.74	70.24	71.02	43.83	43.68	0	730.5	26.43	9.02	-0.013	13.06
4/18/2010 17:00	6486	5.463	35.45	45.34	13.52	4.266	31.01	49.11	11.74	70.76	71.37	43.5	43.27	0	590	26.42	9.01	-0.01	14.51
4/18/2010 18:00	6487	4.356	78.69	48.53	9.95	3.295	70.48	54.47	8.16	71.1	71.45	42.83	42.68	0	377.9	26.42	8.99	-0.012	14.46
4/18/2010 19:00	6488	6.948	93.8	20.4	11.74	5.022	92.3	24.68	9.95	68.02	68.44	48.96	49.24	0	128.7	26.41	8.98	-0.015	12.98
4/18/2010 20:00	6489	7.329	99.9	10.46	11.74	4.499	98.3	14.68	8.16	62.97	62.26	58.73	62.13	0	6.239	26.39	8.97	-0.014	12.75
4/18/2010 21:00	6490	8.46	96.9	8.06	11.74	5.44	94.9	13.41	8.16	58.25	57.62	66.05	70.15	0	0	26.37	8.95	-0.012	12.53
4/18/2010 22:00	6491	8.64	104.5	8.94	15.31	5.953	101.8	13.79	11.74	55.8	55.51	77.06	80.9	0	0	26.37	8.95	-0.006	12.37
4/18/2010 23:00	6492	8.55	106.3	8.8	13.52	5.916	103.4	14.16	9.95	53.58	53.36	85.4	89.7	0	0	26.36	8.94	-0.008	12.18
4/19/2010 0:00	6493	8.39	106.5	10.53	11.74	5.885	103	15.38	11.74	52.03	51.82	91	95.7	0	0	26.34	8.93	-0.005	12.62
4/19/2010 1:00	6494	8.19	111.4	9.68	18.89	5.607	107.7	15.22	9.95	50.23	50.13	96.2	99	0	0	26.34	8.93	-0.006	12.17
4/19/2010 2:00	6495	10.35	109.5	9.62	18.89	7.379	107	15.44	13.52	49.34	49.54	99.7	99.4	0	0	26.34	8.93	-0.003	12.31
4/19/2010 3:00	6496	11.42	117.1	10.16	17.1	7.744	115.8	16.54	13.52	48.87	49.27	99.9	99.4	0	0	26.34	8.92	-0.003	12.3
4/19/2010 4:00	6497	10.51	108.8	9.59	17.1	7.553	106.7	15.58	13.52	48.29	48.73	99.7	99.4	0	0	26.34	8.91	-0.01	12.16
4/19/2010 5:00	6498	10.02	110.6	10.78	15.31	7.118	110.5	15.96	13.52	47.87	48.34	99.9	99.4	0	0	26.34	8.91	0	12.2
4/19/2010 6:00	6499	9.28	106.5	10.55	15.31	6.711	105.2	16.28	13.52	47.59	47.98	99.9	99.4	0	0	26.34	8.91	-0.003	12.55
4/19/2010 7:00	6500	8.49	119.9	15.11	13.52	5.89	119.3	19.74	11.74	47.35	47.76	99.9	99.4	0	7.145	26.35	8.91	-0.003	13.65
4/19/2010 8:00	6501	9.08	119.9	12.31	13.52	6.286	118.7	17.9	11.74	47.78	48.28	99.9	99.4	0	41.01	26.36	8.91	0	12.22
4/19/2010 9:00	6502	9.23	121.7	10.56	15.31	6.269	120.5	16.49	11.74	48.82	49.75	99.9	99.4	0	112.2	26.37	8.91	0	12.74
4/19/2010 10:00	6503	10.01	132.9	11.02	13.52	6.95	133.5	17.21	11.74	51.04	52.11	98.3	95.8	0	186.5	26.39	8.9	-0.001	12.25
4/19/2010 11:00	6504	10.02	134	12.7	15.31	6.959	133.6	19.5	13.52	53.15	54.69	88.3	88.7	0	346.4	26.4	8.9	-0.005	12.24
4/19/2010 12:00	6505	8.48	129.3	20.72	17.1	6.379	129.1	26.52	13.52	56.26	57.91	80.9	80.5	0	538.8	26.42	8.9	-0.003	12.18
4/19/2010 13:00	6506	7.032	133.6	30.4	13.52	5.428	135.3	38.48	11.74	60.14	61.49	73.7	72.81	0	770.5	26.43	8.89	-0.003	12.59
4/19/2010 14:00	6507	7.802	108.4	31.31	15.31	5.983	103.8	37.24	13.52	63.55	65.27	67.36	66.07	0	848	26.43	8.89	-0.004	13.92
4/19/2010 15:00	6508	9.04	142.3	21.64	17.1	6.642	142.5	28.34	13.52	64.97	66.73	64.24	62.15	0	667.5	26.42	8.88	-0.006	12.69
4/19/2010 16:00	6509	9.8	157.4	23.31	17.1	7.053	158.7	27.99	15.31	65.71	67.21	61.31	59.6	0	465	26.4	8.87	-0.013	12.52
4/19/2010 17:00	6510	11.26	165.5	15.5	17.1	7.836	166.7	19.25	13.52	65.03	66.33	61.02	59.75	0	352	26.38	8.86	-0.016	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/19/2010 18:00	6511	11.76	160.9	12.03	17.1	7.751	162.4	16.51	13.52	63.28	64.05	63.79	63.87	0	156.9	26.37	8.84	-0.018	13.56
4/19/2010 19:00	6512	11.65	145.8	9.13	17.1	7.75	146.7	14.65	13.52	61.07	61.41	70.15	71.67	0	66.43	26.35	8.83	-0.005	12.66
4/19/2010 20:00	6513	9.24	136.6	9.65	15.31	5.885	136.1	15.39	11.74	58.3	58.18	76.49	79.51	0	4.785	26.34	8.8	-0.031	12.57
4/19/2010 21:00	6514	7.894	125.8	8.65	11.74	4.949	123.2	14.71	8.16	56.25	56.14	82.1	85.8	0	0	26.34	8.8	-0.006	13.41
4/19/2010 22:00	6515	7.207	110.7	14.09	9.95	4.912	108.5	19.26	8.16	53.84	53.91	89.2	92.8	0	0	26.35	8.78	-0.012	12.21
4/19/2010 23:00	6516	7.245	100.6	8.56	11.74	5.221	96.8	14.24	9.95	51.99	52.12	93.4	97.1	0	0	26.35	8.78	-0.003	12.52
4/20/2010 0:00	6517	6.767	85.3	10.41	11.74	4.559	80.8	16.98	8.16	51.62	51.71	95.1	98.5	0	0	26.34	8.78	-0.006	12.19
4/20/2010 1:00	6518	6.674	90.3	9.92	11.74	4.396	87.3	15.7	8.16	50.32	50.26	97.2	99.4	0	0	26.32	8.77	-0.002	12.54
4/20/2010 2:00	6519	5.854	104	10.06	9.95	3.907	100.9	14.83	8.16	48.96	48.84	99.5	99.4	0	0	26.29	8.77	-0.006	12.28
4/20/2010 3:00	6520	5.91	102.1	9.38	9.95	4.254	99.8	14.77	6.368	48.31	48.34	99.9	99.4	0	0	26.27	8.77	0	12.52
4/20/2010 4:00	6521	7.596	101.8	10.38	11.74	5.496	98.8	16.02	9.95	48.19	48.41	99.9	99.4	0	0	26.26	8.76	-0.006	12.47
4/20/2010 5:00	6522	7.945	115.2	13.93	13.52	5.538	113.4	19.29	11.74	48.29	48.62	99.9	99.4	0	0	26.27	8.76	0	12.34
4/20/2010 6:00	6523	7.01	133.3	9.42	11.74	4.647	133.2	15.94	8.16	48.09	48.46	99.9	99.4	0	0	26.27	8.76	0	12.6
4/20/2010 7:00	6524	6.881	137.3	9.92	11.74	4.69	138.9	15.36	8.16	47.92	48.29	99.9	99.4	0	9.64	26.27	8.76	-0.003	12.83
4/20/2010 8:00	6525	7.385	165	16.23	11.74	4.995	166.9	19.52	9.95	48.62	49.31	99.9	99.4	0	80.8	26.28	8.76	0	12.27
4/20/2010 9:00	6526	7.502	180	15.6	11.74	5.701	181.9	19.24	9.95	53.26	54.46	98.3	94.1	0	392	26.3	8.75	-0.003	12.72
4/20/2010 10:00	6527	8.25	197.9	17.76	15.31	6.496	200.5	20.38	13.52	60.01	61.08	80.8	80.1	0	610.1	26.33	8.75	-0.001	12.95
4/20/2010 11:00	6528	10.64	210.5	15.83	18.89	7.987	211.6	18.62	15.31	64.92	66.38	69.98	68.52	0	782.6	26.37	8.75	-0.002	12.71
4/20/2010 12:00	6529	11.64	210	15.35	20.68	8.93	211.2	17.28	17.1	69.41	70.8	58.56	56.42	0	905	26.38	8.74	-0.007	12.76
4/20/2010 13:00	6530	11.75	214	17.7	20.68	8.96	214.3	19.22	17.1	72.7	74.2	50.52	48.06	0	966	26.37	8.74	-0.007	12.77
4/20/2010 14:00	6531	12.01	213.1	22.57	22.47	8.98	214.3	23.68	20.68	74.89	76.42	45.61	43.03	0	944	26.35	8.72	-0.016	12.74
4/20/2010 15:00	6532	11.9	205.7	22.9	24.26	8.92	207	23.8	17.1	76.12	77.63	42.68	40.13	0	847	26.34	8.69	-0.029	12.77
4/20/2010 16:00	6533	11.06	209.3	24.45	20.68	8.18	211	25.47	18.89	77.07	78.35	39.91	37.52	0	782.7	26.31	8.67	-0.019	12.83
4/20/2010 17:00	6534	12.19	196.8	20.28	24.26	8.98	199.1	21.94	17.1	77.41	78.75	36.69	34.39	0	620.6	26.3	8.65	-0.022	12.75
4/20/2010 18:00	6535	11.71	205.6	17.59	20.68	8.56	206.6	19.17	15.31	77.02	77.83	35.56	33.81	0	393.7	26.29	8.63	-0.025	12.72
4/20/2010 19:00	6536	12.04	209.6	10.45	18.89	8.56	209.7	12.67	13.52	75.8	76.13	36.74	35.61	0	166.7	26.28	8.6	-0.025	12.88
4/20/2010 20:00	6537	8.9	194.7	12.03	15.31	5.339	194.4	16.27	11.74	71.6	70.45	44.15	45.64	0	10.94	26.25	8.58	-0.018	12.77
4/20/2010 21:00	6538	9.22	167.8	9.12	15.31	4.823	165.8	13.81	11.74	66.35	64.65	53.84	57.46	0	0	26.23	8.57	-0.011	12.62
4/20/2010 22:00	6539	10.66	169.3	7.371	17.1	6.332	172.2	12.79	11.74	64.34	63.58	62.51	65.16	0	0	26.22	8.56	-0.012	12.54
4/20/2010 23:00	6540	12.82	166.8	7.662	20.68	7.785	169.7	13.12	15.31	63.09	62.61	69.32	72.25	0	0	26.21	8.55	-0.016	12.21
4/21/2010 0:00	6541	10.26	170.3	9.66	17.1	6.36	174.1	14.07	11.74	61.04	60.56	75.63	79.12	0	0	26.2	8.53	-0.013	12.21
4/21/2010 1:00	6542	8.73	176.3	8.39	15.31	5.368	181.2	13.61	9.95	59.05	58.6	83.6	87.8	0	0	26.19	8.52	-0.016	12.2
4/21/2010 2:00	6543	8.86	190.1	11.53	15.31	5.861	194.7	14.7	9.95	57.48	57.15	89.4	93.7	0	0	26.16	8.51	-0.006	12.19
4/21/2010 3:00	6544	8.01	197.1	9.12	13.52	5.351	200.3	12.15	9.95	56.28	55.95	93	97.5	0	0	26.14	8.51	-0.002	12.41
4/21/2010 4:00	6545	5.619	199.6	8.07	9.95	3.281	198.7	12.25	8.16	54.78	54.19	96.4	99.3	0	0	26.13	8.5	-0.006	12.56
4/21/2010 5:00	6546	4.61	198.6	8.06	9.95	1.88	198.4	15.49	6.368	53.61	52.51	99.4	99.3	0	0	26.12	8.5	-0.002	12.2
4/21/2010 6:00	6547	3.624	190.8	8.25	6.368	0.413	167.3	7.185	2.789	52.56	51.41	99.9	99.4	0	0	26.11	8.5	0.001	12.34
4/21/2010 7:00	6548	4.949	210.5	8.63	9.95	2.888	215	12.35	6.368	52.82	52.28	99.9	99.4	0	13.64	26.11	8.5	0	12.15
4/21/2010 8:00	6549	8.09	205.2	9.79	13.52	6.026	207	12.68	9.95	54.67	55.05	99.9	99.4	0	116.2	26.13	8.5	-0.005	12.31
4/21/2010 9:00	6550	9.59	210.6	10.27	15.31	7.308	211.8	13.31	11.74	59.57	60.82	93.2	92.1	0	417.1	26.15	8.5	0.002	12.82
4/21/2010 10:00	6551	8.52	219.8	17.37	15.31	6.469	219.4	20.13	13.52	67.83	68.79	71.63	71.39	0	617.5	26.19	8.49	-0.003	12.62
4/21/2010 11:00	6552	9.95	231	15.52	17.1	7.323	230.6	19.68	15.31	74.43	75.36	54.72	53.22	0	790.9	26.23	8.49	-0.005	14.07
4/21/2010 12:00	6553	11.45	228.2	21.6	20.68	8.41	228.1	24.08	17.1	78.96	80.1	46.09	43.95	0	917	26.24	8.48	-0.006	12.38
4/21/2010 13:00	6554	9.8	216.3	20.55	22.47	7.334	217.5	22.77	17.1	81.5	82.5	39.84	37.7	0	709.2	26.22	8.47	-0.016	12.45
4/21/2010 14:00	6555	12.57	206.4	21.43	24.26	9.3	206.6	21.63	18.89	82.2	83.4	34.5	32.37	0	649	26.19	8.44	-0.029	12.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/21/2010 15:00	6556	11.89	208.6	18.31	22.47	8.98	211.3	19.23	17.1	82.9	84	33.47	31.32	0	546.5	26.18	8.42	-0.022	12.59
4/21/2010 16:00	6557	12.64	194.1	19.36	24.26	9.02	196.6	20.84	18.89	82.7	83.6	33.88	31.98	0	477.4	26.15	8.4	-0.022	12.62
4/21/2010 17:00	6558	12.87	183.7	21.47	22.47	9.16	185.7	23.3	17.1	83.2	84.2	34.12	32.09	0	485.1	26.12	8.37	-0.025	12.55
4/21/2010 18:00	6559	14.65	170.7	17.22	24.26	9.55	173.1	21.05	18.89	82.8	83.4	34.06	32.4	0	287.2	26.1	8.35	-0.022	12.7
4/21/2010 19:00	6560	16.8	153.7	9.53	26.05	10.63	156.2	14.63	20.68	78.52	78.31	42.14	41.68	0	33.11	26.09	8.32	-0.025	12.18
4/21/2010 20:00	6561	16.01	157.9	8.52	26.05	10.1	159.5	13.33	18.89	75.17	74.73	51.29	51.78	0	7.049	26.07	8.3	-0.018	12.28
4/21/2010 21:00	6562	14.41	148.7	10.79	26.05	8.97	149.7	16.01	20.68	71.37	70.81	58.73	60.16	0	0.001	26.06	8.27	-0.038	12.46
4/21/2010 22:00	6563	15.35	150.9	9.96	26.05	9.56	152.5	15.01	20.68	68.85	68.41	68.17	70.51	0	0	26.06	8.26	-0.005	12.23
4/21/2010 23:00	6564	16.48	154.6	8.25	27.84	10.24	156	13.92	18.89	67.48	67.16	75.94	78.82	0	0	26.05	8.25	-0.009	12.28
4/22/2010 0:00	6565	17.6	156.4	8.55	27.84	11.02	157.6	13.91	20.68	65.69	65.46	83.5	86.9	0	0	26.04	8.24	-0.009	12.27
4/22/2010 1:00	6566	16.42	158.3	8.91	40.36	10.31	161.6	14.3	22.47	64.03	63.79	88.9	92.7	0	0	26.03	8.24	-0.006	12.21
4/22/2010 2:00	6567	18.11	168	8.33	27.84	11.52	171.9	13.69	24.26	63.47	63.4	91.3	95	0	0	26.01	8.23	-0.006	12.22
4/22/2010 3:00	6568	17.9	175.5	10.32	31.42	11.61	180.2	14.69	24.26	63.51	63.64	91	94.3	0	0	26	8.22	-0.006	13.87
4/22/2010 4:00	6569	14.49	172.6	9.76	26.05	9.4	176.5	14.87	20.68	62.66	62.81	92.2	95.4	0	0	25.99	8.22	-0.003	13.54
4/22/2010 5:00	6570	16.98	175.1	9.19	27.84	10.87	180	14.51	24.26	62.1	62.28	92.9	96.1	0	0	25.99	8.22	-0.003	12.63
4/22/2010 6:00	6571	12.68	188.3	13.08	24.26	8.53	192.7	15.94	17.1	61.91	62.08	93.7	96.9	0	0	26	8.22	-0.003	12.37
4/22/2010 7:00	6572	10.05	192.3	12.07	17.1	6.962	197.4	14.79	13.52	61.84	62.05	94.7	97.8	0	10.78	26	8.21	-0.003	12.81
4/22/2010 8:00	6573	11.75	189.5	9.54	18.89	8.2	194.5	13.66	13.52	62.22	62.68	94.6	97	0	97	26.01	8.21	0	12.83
4/22/2010 9:00	6574	10.88	202.8	13.17	17.1	8.28	207.8	15.51	15.31	65.64	66.88	86.6	86.8	0	418.3	26.03	8.21	-0.002	12.64
4/22/2010 10:00	6575	9.56	232.8	30.21	18.89	7.785	235	30.94	17.1	70.62	71.48	67.87	67.44	0	624.9	26.06	8.21	-0.004	12.19
4/22/2010 11:00	6576	8.44	244	29.63	17.1	6.941	245.5	31.29	15.31	74.59	75.16	49.79	48.4	0	807	26.08	8.2	-0.011	12.66
4/22/2010 12:00	6577	7.736	242	44.65	20.68	6.418	243.8	47.77	18.89	77.1	77.7	44.3	42.49	0	965	26.08	8.19	-0.01	14.06
4/22/2010 13:00	6578	10.86	208.9	31.94	22.47	8.42	213.1	34.5	17.1	78.3	79.47	41.75	39.27	0	938	26.07	8.17	-0.019	12.75
4/22/2010 14:00	6579	14.14	205.3	21.5	29.63	10.74	209.2	23.03	24.26	79.87	81.4	35.15	32.48	0	979	26.04	8.14	-0.029	12.46
4/22/2010 15:00	6580	16.73	217	17.44	36.78	12.54	219.2	17.77	29.63	79.64	81	31.64	29.18	0	629.6	26.02	8.1	-0.035	12.76
4/22/2010 16:00	6581	16.45	219.9	14.81	33.21	12.55	222.4	15.5	26.05	80.4	81.4	30.46	28.32	0	632.6	25.98	8.07	-0.029	12.26
4/22/2010 17:00	6582	16.9	225.1	12.57	29.63	12.73	227	14.08	22.47	80.5	81.2	27.98	25.96	0	366.6	25.95	8.04	-0.032	12.73
4/22/2010 18:00	6583	14.87	218.3	13.19	26.05	11.04	220.6	14.03	22.47	80.2	80.4	27.84	26.11	0	233.5	25.93	8	-0.041	12.99
4/22/2010 19:00	6584	18.55	234.7	37.57	33.21	13.72	237.1	37.18	27.84	78.75	78.8	27.24	25.4	0	58.28	25.92	7.971	-0.031	12.91
4/22/2010 20:00	6585	21.08	321.5	10.89	33.21	17.25	322.1	11.09	29.63	65.61	66.05	60.36	60.29	0	4.195	25.94	7.937	-0.033	12.17
4/22/2010 21:00	6586	21.37	316.1	9.89	34.99	17.1	317.2	10.52	31.42	61.83	62.13	61.27	61.65	0	0	25.95	7.92	-0.017	12.18
4/22/2010 22:00	6587	21.13	300.1	8.85	36.78	16.89	302.4	10.5	29.63	60.13	60.28	62.42	63.55	0	0	25.97	7.905	-0.016	12.79
4/22/2010 23:00	6588	16.53	290.2	8.25	31.42	13.22	291	11.64	27.84	59.61	59.77	57.06	57.44	0	0	25.97	7.895	-0.01	12.77
4/23/2010 0:00	6589	15.62	286.6	10.24	29.63	12.33	286.7	13.3	24.26	57.64	57.64	50.84	51.13	0	0	25.97	7.886	-0.01	12.7
4/23/2010 1:00	6590	22.74	291.2	8.16	52.89	18.15	291.6	11.61	38.57	55.5	55.53	43.99	43.73	0	0	25.96	7.871	-0.015	12.74
4/23/2010 2:00	6591	18.8	291.8	9.07	36.78	14.87	292.3	12.13	27.84	53.26	53.32	45.76	45.58	0	0	25.95	7.858	-0.012	12.78
4/23/2010 3:00	6592	10.72	278.8	9.43	18.89	8.17	276.4	11.95	17.1	50.78	50.65	50.31	50.85	0	0	25.95	7.853	-0.005	12.9
4/23/2010 4:00	6593	9.32	263.2	12.06	17.1	6.556	261.3	13.3	11.74	48.91	48.51	53.75	55.2	0	0	25.96	7.847	-0.006	12.45
4/23/2010 5:00	6594	5.803	224.7	15.4	9.95	3.211	221.7	23.8	6.368	47.04	45.67	56.19	60.21	0	0	25.96	7.838	-0.01	12.66
4/23/2010 6:00	6595	8.11	211.9	13.55	13.52	4.903	214.4	16.18	8.16	46.39	45.4	56.9	60.29	0	0.001	25.95	7.835	-0.003	14.01
4/23/2010 7:00	6596	8.14	226.9	8.15	13.52	5.325	230.4	11.78	9.95	45.76	45.21	58.14	60.72	0	35.56	25.95	7.831	-0.004	12.43
4/23/2010 8:00	6597	10.08	229.4	8.29	15.31	7.875	230.7	9.45	13.52	49.29	49.82	54.2	54.41	0	180	25.97	7.828	-0.003	12.83
4/23/2010 9:00	6598	16.12	249.2	14.08	27.84	12.57	248.9	14.63	26.05	55.74	56.53	42.51	41.68	0	340.8	26	7.817	-0.011	12.83
4/23/2010 10:00	6599	22.58	260.5	12.49	38.57	17.53	259.8	13.47	33.21	57.73	58.58	40.16	38.95	0	421.8	26.04	7.81	-0.007	12.8
4/23/2010 11:00	6600	22.94	253.9	12.07	34.99	17.75	254	13.62	31.42	57.25	58.15	41.99	40.74	0	405.4	26.06	7.797	-0.013	12.79

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/23/2010 12:00	6601	23.72	253.3	12.25	36.78	18.63	253.5	13.58	31.42	60.12	61.47	40.84	38.96	0	873	26.06	7.778	-0.019	12.27
4/23/2010 13:00	6602	25.66	254.1	12.87	42.15	19.92	254.7	14.52	31.42	60.63	62.14	41.89	39.79	0	880	26.06	7.758	-0.02	12.32
4/23/2010 14:00	6603	31.11	240.8	11.31	54.68	23.71	242.3	12.27	43.94	62.5	64.02	38.28	36	0	954	26.04	7.726	-0.032	12.79
4/23/2010 15:00	6604	32.91	240.3	10.19	52.89	25.4	241.8	10.93	40.36	64.03	65.35	33.62	31.3	0	932	26.03	7.684	-0.042	14.42
4/23/2010 16:00	6605	32.95	250.4	11.78	52.89	25.3	251.6	13.22	42.15	64.82	66.05	31.88	29.58	0	779.5	26.02	7.643	-0.041	12.89
4/23/2010 17:00	6606	29.46	264.8	11.91	49.31	23.11	265.2	13.34	40.36	64.36	65.57	33.48	31.27	0	644.6	26.02	7.611	-0.032	12.97
4/23/2010 18:00	6607	25.65	264.2	10.77	42.15	19.98	264.6	12.44	34.99	62.29	63.19	36.6	34.84	0	335.1	26.02	7.583	-0.028	13.03
4/23/2010 19:00	6608	25.09	258.3	9.89	40.36	19.24	258.3	11.55	31.42	59.92	60.23	39.12	38.12	0	86.6	26.01	7.562	-0.021	13.03
4/23/2010 20:00	6609	24.32	273	10.93	40.36	18.76	272.2	12.89	29.63	58.48	58.54	40.67	40.01	0	15.98	25.99	7.543	-0.019	12.23
4/23/2010 21:00	6610	26.75	275.3	9.23	42.15	20.72	274.7	11.46	34.99	56.48	56.48	40.81	40.21	0	0	25.98	7.527	-0.016	12.69
4/23/2010 22:00	6611	20.71	271.5	10.07	34.99	15.99	270.8	11.87	31.42	55.12	55.05	45.39	45.24	0	0	26	7.516	-0.012	12.52
4/23/2010 23:00	6612	16.74	258.8	11.36	31.42	12.83	258.1	12.5	24.26	53.91	53.79	47.11	47.24	0	0	26.01	7.503	-0.012	14.2
4/24/2010 0:00	6613	13.44	253.8	9.93	26.05	10.22	253.5	11.32	18.89	51.98	51.82	49.24	49.65	0	0	26	7.491	-0.012	12.17
4/24/2010 1:00	6614	14.91	251.4	11.06	29.63	11.31	251	12.46	24.26	51.77	51.57	50.24	50.8	0	0	25.99	7.485	-0.006	12.29
4/24/2010 2:00	6615	16.42	254.2	9.04	26.05	12.46	254	10.84	22.47	51.86	51.72	50.8	51.3	0	0	25.98	7.476	-0.01	12.21
4/24/2010 3:00	6616	19.77	257.1	9.21	33.21	14.93	256.7	11.39	26.05	52.46	52.26	47.83	48.21	0	0	25.97	7.463	-0.013	12.19
4/24/2010 4:00	6617	19.21	260.5	9.27	33.21	14.54	260	11.12	26.05	51.77	51.63	48.47	48.81	0	0	25.97	7.454	-0.01	12.86
4/24/2010 5:00	6618	18.12	258.9	9.2	29.63	13.57	259.5	11.07	24.26	50.47	50.32	51.27	51.82	0	0	25.98	7.447	-0.006	12.79
4/24/2010 6:00	6619	17.48	255.9	9.42	29.63	13.32	255.8	11.29	22.47	49.7	49.58	53.42	54.09	0	0.022	25.99	7.441	-0.006	12.29
4/24/2010 7:00	6620	16.42	260.3	10.5	26.05	12.6	260.3	12.07	22.47	49.47	49.42	54.71	55.32	0	40.9	26.01	7.432	-0.01	12.19
4/24/2010 8:00	6621	16.87	272.5	10.61	26.05	13.19	271.7	12.95	22.47	52.45	53.21	52.2	51.64	0	232.5	26.05	7.427	-0.004	13.06
4/24/2010 9:00	6622	17.9	275.8	10.02	27.84	14.27	275	12.66	22.47	56.7	57.73	47.74	46.59	0	449.5	26.08	7.42	-0.008	14.6
4/24/2010 10:00	6623	17.41	288.7	16.35	31.42	14.26	289.3	18.81	26.05	61.31	62.36	43.61	42.22	0	647.5	26.12	7.413	-0.007	13.02
4/24/2010 11:00	6624	15.86	300.9	14.78	27.84	13.2	303.8	16.51	24.26	64.09	65.3	41.45	39.82	0	823	26.16	7.405	-0.008	12.2
4/24/2010 12:00	6625	12.46	303.6	19.26	22.47	10.52	305.7	21.11	20.68	67.17	68.39	38.72	36.93	0	942	26.17	7.398	-0.006	12.19
4/24/2010 13:00	6626	13.03	290.8	18.72	24.26	10.78	292.1	20.35	22.47	70.04	71.38	35.49	33.34	0	1005	26.18	7.379	-0.019	12.2
4/24/2010 14:00	6627	12.03	289	25.08	26.05	10.02	289.6	29.15	24.26	71.97	73.22	33.85	31.63	0	896	26.18	7.365	-0.014	12.2
4/24/2010 15:00	6628	14.54	292.7	22.02	26.05	12.17	294.2	25.55	22.47	74.19	75.54	30.8	28.46	0	935	26.18	7.343	-0.022	12.78
4/24/2010 16:00	6629	15.43	297.7	18.13	36.78	12.86	300.3	20.02	29.63	75.28	76.57	28.57	26.16	0	784.5	26.17	7.324	-0.019	12.89
4/24/2010 17:00	6630	15	305.7	19.48	27.84	12.47	307.2	21.17	24.26	75.63	76.72	28	25.76	0	602	26.17	7.289	-0.035	12.83
4/24/2010 18:00	6631	13.47	302.6	12.48	22.47	11.17	304.8	14.41	20.68	75.01	75.55	28.29	26.36	0	238.6	26.17	7.267	-0.022	13.03
4/24/2010 19:00	6632	10.75	313	27.57	24.26	8.53	314.5	28.6	20.68	73.73	73.87	30.17	29.14	0	61.04	26.17	7.246	-0.021	13.04
4/24/2010 20:00	6633	9.95	28.32	28.52	20.68	6.32	26.05	27.45	15.31	70.82	70.72	34.58	33.83	0	3.672	26.18	7.224	-0.022	12.61
4/24/2010 21:00	6634	5.218	72.52	35.85	9.95	3.174	72.11	36.04	8.16	67.07	66.3	41.16	42.55	0	0.001	26.21	7.203	-0.021	12.89
4/24/2010 22:00	6635	12.08	50.92	24.37	27.84	7.557	47.12	25.86	22.47	62.93	62.58	52.42	55.29	0	0	26.24	7.201	-0.002	13.16
4/24/2010 23:00	6636	12.91	62.65	16.04	29.63	8.18	58	19.15	22.47	60.44	59.41	56.86	62.76	0.01	0	26.25	7.198	-0.003	12.71
4/25/2010 0:00	6637	7.413	62.7	13.24	15.31	4.275	59.34	16.69	11.74	56.25	55.51	64.19	69.92	0	0	26.24	7.195	-0.003	12.96
4/25/2010 1:00	6638	8.19	65.5	11.46	13.52	5.156	60.81	15.29	9.95	53.72	53.17	68.23	73.2	0	0	26.22	7.189	-0.006	12.54
4/25/2010 2:00	6639	10.33	37.26	12.15	17.1	6.074	34.92	13.28	13.52	52.36	52.15	69.09	72.81	0	0	26.23	7.184	-0.005	12.2
4/25/2010 3:00	6640	9.77	52.42	11.54	15.31	5.817	50.46	14.6	11.74	52.62	52.26	69.21	73.42	0	0	26.21	7.181	-0.003	12.25
4/25/2010 4:00	6641	4.235	62.01	23.69	9.95	2.569	72.64	45.43	6.368	50.24	49.38	75.64	82.2	0	0	26.21	7.178	-0.003	13.98
4/25/2010 5:00	6642	3.634	263.5	27.07	8.16	1.973	286.2	25.58	6.368	49.29	46.98	74.66	84.9	0	0	26.21	7.168	-0.01	12.18
4/25/2010 6:00	6643	7.909	320.5	6.033	11.74	4.928	320.8	10	8.16	47.46	46.43	78.87	85.6	0	0.039	26.22	7.165	-0.003	12.97
4/25/2010 7:00	6644	9.54	322.9	6.7	15.31	6.754	321.4	9.15	13.52	47.94	47.46	78.61	83.7	0	42.39	26.23	7.162	-0.003	12.27
4/25/2010 8:00	6645	8.63	314.3	9.83	11.74	7.171	313.7	10.88	11.74	51.97	52.75	72.51	74.73	0	230.2	26.26	7.159	-0.003	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/25/2010 9:00	6646	8.36	314.4	11.25	13.52	7.141	315.9	13.03	11.74	58.81	59.76	59.42	60.1	0	451.1	26.3	7.157	-0.002	12.8
4/25/2010 10:00	6647	4.417	277.3	25.88	11.74	3.779	277.6	32.18	9.95	66.31	66.93	37.13	36.14	0	654.1	26.35	7.154	-0.002	12.95
4/25/2010 11:00	6648	5.517	238.1	68.14	15.31	4.727	242.4	70.33	11.74	69.68	69.92	29.08	27.67	0	832	26.39	7.147	-0.007	13.02
4/25/2010 12:00	6649	7.443	236.2	34.94	17.1	6.157	237.5	37.99	13.52	71.39	71.97	29.05	26.97	0	953	26.4	7.137	-0.01	12.82
4/25/2010 13:00	6650	9.44	226.3	33.12	20.68	7.499	225.4	35.21	17.1	73.15	74.21	32.42	29.98	0	1009	26.38	7.121	-0.016	13.04
4/25/2010 14:00	6651	11.29	240.2	27.64	22.47	9.05	239.7	27.36	18.89	75.16	76.36	32.1	29.58	0	1001	26.36	7.102	-0.019	12.27
4/25/2010 15:00	6652	13.11	245.3	24.42	24.26	10.45	244.8	28.12	20.68	76.36	77.67	28.78	26.24	0	933	26.34	7.074	-0.029	12.61
4/25/2010 16:00	6653	10.14	279.8	24.03	20.68	8.49	278.3	27.05	18.89	78.3	79.3	20.51	17.88	0	807	26.31	7.055	-0.019	12.85
4/25/2010 17:00	6654	12.59	278.6	24.62	22.47	10.35	276.4	28.99	20.68	78.75	79.57	19.64	17.03	0	628.3	26.28	7.029	-0.025	14.14
4/25/2010 18:00	6655	11.4	270.5	18.55	20.68	9.15	267.6	21.18	18.89	78.55	79.13	21.29	18.9	0	413.1	26.27	6.991	-0.038	12.79
4/25/2010 19:00	6656	7.894	270.3	17.24	15.31	6.249	266.6	20.92	13.52	78.18	78.4	19.73	17.61	0	190.3	26.26	6.975	-0.016	13.42
4/25/2010 20:00	6657	5.395	238.6	19.57	11.74	3.033	221.5	49.05	8.16	73.89	71.41	22.45	23.43	0	17.34	26.24	6.945	-0.031	12.22
4/25/2010 21:00	6658	3.628	181.2	16.02	6.368	2.283	88.9	9.47	4.578	69.23	64.54	25.83	31.32	0	0	26.22	6.931	-0.014	12.23
4/25/2010 22:00	6659	2.729	172.5	14.46	4.578	0.885	87.2	13.44	2.789	65.63	61.96	27.59	31.88	0	0	26.2	6.922	-0.009	12.18
4/25/2010 23:00	6660	6.522	165.6	11.52	9.95	2.473	154.5	24.78	6.368	63.79	58.39	32.65	39.32	0	0	26.19	6.915	-0.006	12.2
4/26/2010 0:00	6661	4.968	218.9	29.62	9.95	1.663	196.7	41.71	6.368	58.59	54.74	37.16	44.78	0	0	26.16	6.91	-0.005	13.25
4/26/2010 1:00	6662	4.798	245.7	13.3	13.52	1.549	247.4	36.22	8.16	57.5	52.96	35.69	45.32	0	0	26.15	6.905	-0.005	12.24
4/26/2010 2:00	6663	5.233	298.6	26.71	11.74	1.786	320.2	23.24	6.368	56.08	50.53	37.93	48.32	0	0	26.13	6.899	-0.006	12.29
4/26/2010 3:00	6664	5.677	309.8	7.607	8.16	2.075	311.7	32.44	4.578	57.27	53.02	35.06	42.08	0	0	26.11	6.895	-0.003	12.24
4/26/2010 4:00	6665	6.895	319.1	9.43	13.52	3.814	323.4	10.48	11.74	55.77	52.98	36.11	40.58	0	0	26.11	6.892	-0.003	12.26
4/26/2010 5:00	6666	8.17	314.7	8.18	15.31	5.433	313.1	12.05	11.74	54.93	53.79	37.86	39.6	0	0	26.11	6.889	-0.003	12.22
4/26/2010 6:00	6667	5.684	302.6	10.64	11.74	3.021	273.7	20.17	9.95	51.15	49.11	45.26	48.95	0	0.058	26.12	6.883	-0.006	12.19
4/26/2010 7:00	6668	11.81	325.7	11.17	26.05	8.82	326	12.2	22.47	54.77	53.94	40.15	41.41	0	44.92	26.12	6.876	-0.006	14.04
4/26/2010 8:00	6669	22.29	7.126	16.24	38.57	16.41	5.774	17.58	33.21	55.68	56.37	54.39	54	0	238.1	26.19	6.869	-0.008	12.24
4/26/2010 10:00	6670	27.45	29.92	10.34	72.57	17.37	28.3	11.94	49.31	56.95	57.74	60.65	60.4	0	449.5	26.24	6.861	-0.007	12.51
4/26/2010 11:00	6671	27.53	36.01	11.35	43.94	16.49	33.08	12.05	36.78	58.36	59.34	60.1	59.54	0	641.8	26.27	6.855	-0.006	12.62
4/26/2010 12:00	6672	23.83	39.35	12.2	36.78	14.36	35.85	12.37	33.21	59.24	60.57	60.65	59.67	0	814	26.33	6.842	-0.013	12.66
4/26/2010 13:00	6673	21.41	37.82	13.09	36.78	13.18	34.62	13.56	27.84	60.28	61.88	59.4	57.98	0	934	26.36	6.822	-0.02	12.73
4/26/2010 14:00	6674	19.09	33.67	13.98	31.42	12.55	31.07	14.68	27.84	60.05	61.78	58.29	56.64	0	992	26.37	6.806	-0.016	12.21
4/26/2010 15:00	6675	17.38	35.88	14.71	27.84	11.24	32.78	15.44	24.26	60.67	62.6	55.82	53.86	0	988	26.37	6.786	-0.02	12.88
4/26/2010 16:00	6676	15.66	46.53	15.01	27.84	9.83	42.96	16.52	20.68	61.44	63.55	53.83	51.72	0	920	26.36	6.771	-0.016	12.8
4/26/2010 17:00	6677	13.47	51.53	15.76	24.26	8.89	48.61	18.57	17.1	61.73	63.88	53.17	51.04	0	790.4	26.35	6.748	-0.022	13.01
4/26/2010 18:00	6678	13.19	52.25	17.09	22.47	8.61	47.96	19.21	18.89	61.97	63.74	52.51	50.71	0	614.5	26.34	6.729	-0.019	12.3
4/26/2010 19:00	6679	12.67	46.09	15.27	22.47	7.916	43	17.22	17.1	61.63	62.91	52.19	50.9	0	406.2	26.32	6.714	-0.015	12.18
4/26/2010 20:00	6680	13.2	59.49	12.62	20.68	8.66	57.16	16.53	17.1	60.35	61.43	53.74	52.78	0	184.8	26.31	6.689	-0.024	12.15
4/26/2010 21:00	6681	11.65	81.9	13.53	18.89	7.867	80.2	19.48	15.31	57.05	57.1	59.12	59.73	0	16.3	26.3	6.655	-0.034	12.21
4/26/2010 22:00	6682	9.33	87.7	7.675	15.31	5.886	87.1	15.09	11.74	53.53	53.28	66.26	68.23	0	0	26.3	6.637	-0.018	12.33
4/26/2010 23:00	6683	9.49	76.43	8.54	13.52	6.003	73.16	15.9	11.74	50.8	50.67	71.88	74.35	0	0	26.31	6.632	-0.005	12.21
4/27/2010 0:00	6684	10.57	69.74	8.86	17.1	7.049	66.74	14.23	13.52	49.7	49.59	73.76	76.46	0	0	26.31	6.623	-0.009	12.48
4/27/2010 1:00	6685	9.72	64.57	8.07	20.68	6.539	62.22	13.33	11.74	47.99	47.96	77.05	79.89	0	0	26.3	6.616	-0.006	12.35
4/27/2010 2:00	6686	8.78	74.45	9.92	13.52	5.698	71.44	16.01	11.74	46.7	46.56	79.42	82.7	0	0	26.31	6.613	-0.003	12.28
4/27/2010 3:00	6687	6.445	79.1	11.98	13.52	3.958	75.79	19.3	11.74	45.27	44.98	82.4	86.2	0	0	26.31	6.607	-0.006	12.17
4/27/2010 4:00	6688	5.793	50.01	10.7	9.95	3.49	49.73	14.46	6.368	43.7	43.62	85.2	88.9	0	0	26.29	6.604	-0.003	12.38
4/27/2010 5:00	6689	3.961	41.55	9.89	8.16	1.829	42.59	10.99	6.368	43.43	43.14	84.9	88.9	0	0	26.29	6.602	-0.002	12.17
4/27/2010 6:00	6690	4.296	23.39	12.49	6.368	2.272	22.17	20.2	6.368	44.09	43.5	83.4	87.7	0	0	26.3	6.599	-0.003	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/27/2010 7:00	6691	5.836	9.33	5.921	8.16	4.155	5.913	10.06	8.16	43.3	43.22	83.8	87.3	0	0.079	26.31	6.6	0	12.17
4/27/2010 8:00	6692	6.607	6.427	6.558	9.95	4.801	5.712	9.8	8.16	43.79	43.98	83	86.2	0	38.1	26.33	6.599	-0.001	12.22
4/27/2010 9:00	6693	3.157	350.5	12.61	8.16	2.744	349.1	18.13	6.368	47.43	48.06	78.87	81.3	0	126.9	26.37	6.594	-0.004	12.23
4/27/2010 10:00	6694	2.98	45.15	37.37	8.16	2.283	36.38	36.09	8.16	54.72	56.36	61.47	61.84	0	437.5	26.42	6.593	-0.001	12.29
4/27/2010 11:00	6695	7.405	141.3	29.26	17.1	5.318	139.9	36.63	13.52	60	61.54	42.4	40.49	0	647.2	26.46	6.591	-0.001	12.25
4/27/2010 12:00	6696	10.3	125.4	20.7	18.89	7.407	124.3	27.28	15.31	61.99	64.12	38.42	35.88	0	822	26.49	6.58	-0.011	12.3
4/27/2010 13:00	6697	9.12	143.6	31.56	18.89	6.654	145.2	41.25	15.31	65.31	67.21	36.07	33.37	0	944	26.49	6.574	-0.006	12.74
4/27/2010 14:00	6698	9.85	160.7	37.19	20.68	7.4	163.4	42.15	17.1	67.51	69.29	34.63	31.69	0	1004	26.48	6.554	-0.019	12.73
4/27/2010 15:00	6699	9.09	148.6	40.42	18.89	6.654	151.2	48.03	15.31	69.52	71.46	33.27	30.29	0	1008	26.47	6.541	-0.013	12.42
4/27/2010 16:00	6700	10.66	156.6	28.48	27.84	7.62	156.8	33.81	18.89	70.68	72.75	33.06	29.89	0	952	26.45	6.525	-0.016	12.78
4/27/2010 17:00	6701	9.75	167.8	29.83	20.68	7.065	170.2	33.61	17.1	70.93	72.6	33.55	30.55	0	809	26.42	6.5	-0.025	12.83
4/27/2010 18:00	6702	10.45	163.8	23.54	18.89	7.41	166.1	28.17	18.89	71.56	73.09	33.6	30.88	0	637.3	26.39	6.475	-0.025	13.54
4/27/2010 19:00	6703	10.81	164.8	21.51	18.89	7.534	167.5	25.9	15.31	71.06	72.25	34.48	32.16	0	403.3	26.38	6.453	-0.022	12.96
4/27/2010 20:00	6704	11.78	174	15.47	20.68	7.677	175.1	19.77	15.31	69.8	70.31	35.68	34.1	0	170	26.36	6.431	-0.021	12.91
4/27/2010 21:00	6705	8.17	152	12.3	13.52	4.26	152.2	17.36	9.95	65.39	64.2	41.37	42.33	0	17.46	26.34	6.394	-0.037	12.27
4/27/2010 22:00	6706	8.19	131.9	8.52	9.95	3.882	125.3	15.72	6.368	59.49	57.69	49.51	52.29	0	0	26.31	6.373	-0.021	12.21
4/27/2010 23:00	6707	8.93	130.2	9.75	13.52	4.738	126.3	18.41	9.95	57.55	56.14	53.43	56.22	0	0	26.3	6.367	-0.006	12.22
4/28/2010 0:00	6708	8.65	137.4	6.908	13.52	4.606	135.1	15.5	9.95	56.35	55.14	56.04	58.78	0	0	26.29	6.362	-0.006	12.41
4/28/2010 1:00	6709	8.84	149.9	15.28	17.1	4.552	150.1	21.92	9.95	54.26	53.05	59.67	62.95	0	0	26.27	6.355	-0.006	12.16
4/28/2010 2:00	6710	7.669	160.4	6.122	11.74	3.612	159.1	13.59	8.16	51.08	49.62	64.54	69.14	0	0	26.26	6.35	-0.005	12.47
4/28/2010 3:00	6711	6.453	166.9	6.321	11.74	2.539	171.5	13	8.16	48.95	47.58	68.12	72.96	0	0	26.22	6.344	-0.006	12.32
4/28/2010 4:00	6712	4.371	182.5	13.28	6.368	0.734	187.2	8.2	2.789	47.65	45.76	69.7	76.31	0	0	26.18	6.337	-0.006	12.25
4/28/2010 5:00	6713	4.881	184.8	8.39	8.16	1.482	175.1	14.81	4.578	47.69	45.78	70.55	76.56	0	0	26.16	6.334	-0.003	12.27
4/28/2010 6:00	6714	4.897	185.9	7.958	6.368	1.917	169.2	11.82	4.578	47.08	45.09	76.09	82.2	0	0	26.15	6.331	-0.003	12.18
4/28/2010 7:00	6715	5.257	193.8	26.62	9.95	2.258	178.3	49.4	4.578	45.48	43.05	80.1	87.9	0	0.237	26.14	6.33	-0.001	12.23
4/28/2010 8:00	6716	5.024	194.6	14.68	9.95	1.562	190.2	11.84	8.16	46.4	44.88	83.1	88.8	0	38.25	26.13	6.326	-0.004	13.54
4/28/2010 9:00	6717	10.58	188.4	9.27	17.1	7.325	193.6	13.53	15.31	51.8	52.33	79	80.9	0	173.8	26.15	6.325	-0.001	12.19
4/28/2010 10:00	6718	12.16	203.9	11.32	17.1	9.02	206.9	13.27	15.31	57.92	59.15	69.21	68.92	0	387.2	26.2	6.323	-0.002	12.17
4/28/2010 11:00	6719	12.66	200.4	10.81	18.89	9.44	203.6	13.76	15.31	64.61	66.06	58.28	56.61	0	607	26.24	6.318	-0.005	12.37
4/28/2010 12:00	6720	14.29	210.9	14.01	22.47	10.78	213.6	16.23	18.89	71.82	73.4	46.93	44.64	0	834	26.28	6.314	-0.004	12.78
4/28/2010 13:00	6721	15.47	220.1	13.56	24.26	11.97	221.8	14.99	20.68	76.94	78.44	40.3	37.84	0	946	26.29	6.3	-0.014	12.77
4/28/2010 14:00	6722	17.74	227	16.76	33.21	13.34	227.6	17.26	26.05	82.2	83.7	30.6	27.96	0	1008	26.27	6.281	-0.019	12.42
4/28/2010 15:00	6723	20.61	238.7	18.51	34.99	13.23	237.3	24.48	27.84	85.2	87	20.98	17.93	0	978	26.24	6.243	-0.038	12.32
4/28/2010 16:00	6724	21.9	236.9	15.35	36.78	14.42	236.1	19.21	29.63	85.9	87.4	17.3	14.25	0	844	26.22	6.202	-0.041	12.89
4/28/2010 17:00	6725	21.38	231.9	12.53	38.57	15.33	232	13.79	29.63	86.2	87.3	17.03	14.01	0	726.6	26.2	6.158	-0.044	12.79
4/28/2010 18:00	6726	20.27	231	15.29	31.42	15.29	232	15.46	26.05	86.3	87	16.99	14.18	0	558	26.17	6.12	-0.038	12.74
4/28/2010 19:00	6727	19.96	239.2	10.37	31.42	15.32	239.3	11.49	27.84	85.9	86.1	15.96	13.22	0	357.7	26.16	6.082	-0.038	12.87
4/28/2010 20:00	6728	17.98	238.3	9.22	29.63	13.55	239.1	10.18	24.26	84.7	84.7	16.19	13.52	0	193.9	26.14	6.04	-0.041	12.18
4/28/2010 21:00	6729	11.17	237.8	7.417	20.68	7.868	238	8.24	17.1	79.73	78.84	19.11	17.24	0	18.63	26.12	6.015	-0.025	12.4
4/28/2010 22:00	6730	7.888	220.6	13.27	13.52	4.322	220.4	15.07	8.16	73.59	71.2	23.48	23.76	0	0.002	26.1	5.994	-0.021	12.69
4/28/2010 23:00	6731	6.961	209.5	7.051	11.74	3.038	210.8	11.58	8.16	69.2	66.18	27.22	28.89	0	0	26.08	5.986	-0.008	12.58
4/29/2010 0:00	6732	12.32	198	9.7	18.89	7.615	201.2	13.61	15.31	70.58	69.03	25.96	25.75	0	0	26.06	5.974	-0.012	12.21
4/29/2010 1:00	6733	15.48	172.8	8.03	26.05	9.58	177.7	14.11	18.89	64.31	63.92	65.85	67.29	0	0	26.06	5.961	-0.013	12.68
4/29/2010 2:00	6734	15.56	171	8.96	24.26	9.69	175.8	15.02	17.1	63.39	62.98	78.23	81.4	0	0	26.05	5.955	-0.006	12.19
4/29/2010 3:00	6735	15.11	179.4	8.89	22.47	9.55	185	14.68	17.1	62	61.63	83.4	87.1	0	0	26.02	5.951	-0.003	14.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/29/2010 4:00	6736	7.591	187	12.4	18.89	4.729	193.3	17.85	13.52	59.94	59.37	87.2	91.7	0	0	26	5.945	-0.006	12.32
4/29/2010 5:00	6737	4.614	158.3	12.03	8.16	1.942	148.5	15.27	4.578	57.43	55.83	90.4	97.3	0	0	25.97	5.943	-0.003	13.14
4/29/2010 6:00	6738	4.998	202.2	27.85	9.95	1.925	213.4	24.85	6.368	56.59	54.05	85.1	94.8	0	0	25.94	5.943	0.001	12.2
4/29/2010 7:00	6739	5.527	219	23.89	8.16	2.585	224.3	31.45	6.368	54.89	52.79	81.8	90.1	0	0.162	25.92	5.941	-0.002	12.19
4/29/2010 8:00	6740	5.101	174.1	23.79	9.95	2.037	172.3	32.79	6.368	54.74	52.77	83.7	90.6	0	52.51	25.91	5.938	-0.003	12.27
4/29/2010 9:00	6741	8.8	204.1	27.29	22.47	6.219	205.7	29.42	17.1	61.32	62.13	71.11	72.29	0	249.6	25.93	5.936	-0.002	13
4/29/2010 10:00	6742	16.13	222.5	9.5	27.84	12.05	225.3	11.55	22.47	69.76	70.44	44.79	44.2	0	468.6	25.97	5.935	-0.001	12.25
4/29/2010 11:00	6743	23.52	226	10.74	36.78	17.72	227.7	12.3	29.63	77.73	78.38	26.25	24.35	0	666.2	26	5.917	-0.018	12.19
4/29/2010 12:00	6744	25.23	220.5	10.7	40.36	18.54	223.1	12.31	31.42	80.2	81.3	24.39	21.93	0	846	26.02	5.895	-0.023	12.31
4/29/2010 13:00	6745	26.58	223.4	13.12	40.36	19.56	225.9	14.28	34.99	83.1	84.4	21.84	19.03	0	961	26.02	5.863	-0.032	12.27
4/29/2010 14:00	6746	27.94	235.5	11.59	45.73	21.31	237	12.29	36.78	85.1	86.3	19.8	16.86	0	1019	26	5.828	-0.035	12.72
4/29/2010 15:00	6747	28.13	232.8	10.97	47.52	21.51	234.8	12.21	38.57	87	88.2	18.09	15.01	0	1008	25.97	5.787	-0.041	12.53
4/29/2010 16:00	6748	27.54	232.4	11.8	43.94	20.87	234	12.68	33.21	87.9	89	16.77	13.62	0	934	25.96	5.736	-0.051	13.14
4/29/2010 17:00	6749	24.7	238.6	13.9	42.15	18.92	239.9	14.26	33.21	88.6	89.6	15.42	12.31	0	800	25.93	5.666	-0.07	12.81
4/29/2010 18:00	6750	25.26	240.8	10.87	40.36	19.42	241.7	12.08	33.21	89	89.6	14.14	11.07	0	624.6	25.9	5.625	-0.041	12.76
4/29/2010 19:00	6751	23.14	243.6	10.25	40.36	17.62	244	11.35	33.21	88.8	89.1	13.86	10.89	0	411.3	25.88	5.581	-0.044	13.01
4/29/2010 20:00	6752	18.34	247	9.7	34.99	14.01	247.2	10.86	29.63	87.2	87.1	15.43	12.69	0	177.8	25.87	5.549	-0.032	14.47
4/29/2010 21:00	6753	12.71	249.9	8.12	22.47	9.38	249.6	10.2	18.89	83	82.3	18.54	16.4	0	15.9	25.85	5.524	-0.025	12.83
4/29/2010 22:00	6754	11.82	246.5	8.11	18.89	8.44	246.2	9.41	13.52	78.9	78.14	22.44	20.8	0	0.009	25.84	5.503	-0.021	12.16
4/29/2010 23:00	6755	9.33	247.8	9.52	15.31	6.298	247.1	11.06	13.52	74.66	73.64	26.11	25.26	0	0.001	25.85	5.487	-0.016	12.51
4/30/2010 0:00	6756	9.62	256.6	27	17.1	6.843	254.9	32.61	11.74	72.95	72.11	27.48	26.58	0	0	25.85	5.459	-0.028	12.19
4/30/2010 1:00	6757	8.49	161.3	26.11	18.89	5.014	160.8	36.53	13.52	69.4	67.49	30.86	31.68	0	0	25.85	5.453	-0.006	12.16
4/30/2010 2:00	6758	16.07	254.6	35.65	33.21	11.99	254.8	36.35	27.84	71.8	70.82	30.34	29.82	0	0	25.86	5.441	-0.013	12.17
4/30/2010 3:00	6759	22.13	344.7	42.55	36.78	16.71	345.4	41.75	31.42	65.35	65.42	38.77	37.88	0	0	25.9	5.422	-0.019	12.27
4/30/2010 4:00	6760	16.21	359.4	14.96	31.42	11.55	358.9	17.3	26.05	59.66	59.74	46.1	45.75	0	0	25.91	5.412	-0.009	12.23
4/30/2010 5:00	6761	3.867	18.86	56.94	11.74	2.747	16.38	71.6	8.16	55.62	54.82	52.22	53.65	0	0	25.92	5.407	-0.006	12.33
4/30/2010 6:00	6762	3.191	330.3	27.36	9.95	2.274	342.6	51.07	8.16	54.29	53.14	56.34	58.78	0	0	25.91	5.395	-0.012	12.32
4/30/2010 7:00	6763	6.544	357.8	21.57	15.31	4.556	358.8	26.72	13.52	53.51	52.67	56.05	58.35	0	0.153	25.9	5.392	-0.003	12.21
4/30/2010 8:00	6764	8.97	327	9.34	17.1	7.058	327.9	10.66	13.52	53.16	53.16	54.69	55.59	0	51.45	25.92	9.13	3.733	12.21
4/30/2010 9:00	6765	9.58	325.2	12.94	18.89	7.129	330.6	17.75	17.1	55.55	56.65	49.25	48.62	0	263.4	25.96	9.12	-0.002	12.2
4/30/2010 10:00	6766	15.74	309.6	11.46	24.26	12.39	313.8	14.83	22.47	58.03	59.19	36.89	35.47	0	470.3	25.99	9.13	0.002	12.25
4/30/2010 11:00	6767	17.51	304.8	14	29.63	14.38	308.2	15.72	26.05	59.7	60.9	33.76	32.03	0	583.2	26	9.13	0	12.23
4/30/2010 12:00	6768	17.18	285.6	15.08	27.84	13.84	286	17.96	26.05	61.08	62.62	33.98	31.81	0	759.5	26.03	9.12	-0.008	12.37
4/30/2010 13:00	6769	15.82	285.4	14.89	29.63	12.56	285	18.6	22.47	60.13	61.4	35.91	34.05	0	419.5	26.04	9.11	-0.012	12.34
4/30/2010 14:00	6770	16.61	282.6	14.54	29.63	13.23	282.5	17.65	22.47	61.2	62.78	35.26	33.12	0	614.5	26.03	9.09	-0.016	12.19
4/30/2010 15:00	6771	17.65	280.1	12.31	27.84	14	279.5	15.51	24.26	58.48	59.5	36.71	35.03	0	199.9	26.03	9.07	-0.015	12.21
4/30/2010 16:00	6772	16.51	279	13.58	27.84	13.05	278.3	17.62	24.26	57.79	58.75	36.42	34.86	0	249.9	26.02	9.06	-0.019	13.33
4/30/2010 17:00	6773	19.48	279.7	12.33	33.21	15.58	279.4	14.97	27.84	58.36	59.56	35.05	33.17	0	400	26.01	9.04	-0.013	12.22
4/30/2010 18:00	6774	20.88	281.5	10.64	33.21	16.59	281	14	29.63	57.78	58.86	36.21	34.43	0	335.1	25.98	9.02	-0.019	12.47
4/30/2010 19:00	6775	14.09	269.4	13.74	26.05	10.95	269.2	16.73	20.68	56.8	57.36	36.31	35.05	0	59.4	25.98	9.01	-0.016	12.26
4/30/2010 20:00	6776	10.39	263.5	13.9	17.1	8	263.8	17.43	15.31	56.63	57.03	37.06	36.06	0	33.96	25.99	8.99	-0.016	12.14
4/30/2010 21:00	6777	7.023	271	19.65	17.1	5.41	270.3	25.23	13.52	56.48	56.67	36.64	35.95	0	3.136	25.98	8.99	-0.006	12.25
4/30/2010 22:00	6778	4.657	270.2	25.88	11.74	3.39	258.6	34.99	8.16	56.1	56.12	38.53	38.39	0	0	26.01	8.97	-0.012	12.93
4/30/2010 23:00	6779	5.857	337.6	30.71	20.68	4.544	283.1	68.1	15.31	57.28	57.08	37.23	37.6	0	0	26.02	8.97	-0.003	12.28
5/1/2010 0:00	6780	8.97	328.6	9.15	15.31	5.936	209.1	25.57	13.52	55.65	55.53	40.71	40.81	0	0	26.03	8.96	-0.009	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/1/2010 1:00	6781	6.584	323.7	0.307	17.1	4.76	251.4	31.23	13.52	56.5	56.34	38.78	38.84	0	0	26.03	8.95	-0.007	12.18
5/1/2010 2:00	6782	5.752	324.9	1.699	9.95	4.096	299.8	31.44	8.16	55.86	55.69	40.03	40.5	0	0	26.02	8.95	-0.003	12.21
5/1/2010 3:00	6783	3.982	355.4	20.35	9.95	2.691	316.2	70.23	6.368	54.51	54.16	43.6	45.07	0	0	26.01	8.95	-0.003	12.2
5/1/2010 4:00	6784	4.059	355.3	26.89	20.68	2.736	57.56	75.29	17.1	54.54	53.97	46.4	49.27	0	0	26.01	8.95	-0.003	12.24
5/1/2010 5:00	6785	6.565	342.8	13.48	15.31	4.717	298.6	33.73	13.52	54.88	54.38	42.86	44.86	0	0	26	8.94	-0.003	12.43
5/1/2010 6:00	6786	5.586	329.7	3.024	15.31	3.752	297.5	40.78	11.74	54.38	53.87	45.6	48.2	0	0	26.01	8.94	-0.006	12.29
5/1/2010 7:00	6787	4.441	330	3.925	9.95	3.164	297.8	36.37	9.95	54.28	53.91	44.64	46.44	0	0.073	26	8.93	-0.003	12.22
5/1/2010 8:00	6788	6.232	327.5	2.007	11.74	4.656	298.9	17.54	9.95	53.92	53.45	43.47	45.45	0	17.29	26	8.93	-0.006	12.32
5/1/2010 9:00	6789	8.07	321.4	11.56	29.63	5.591	216.6	35.9	26.05	54.18	53.9	44.09	46.24	0	31.13	26.03	8.92	-0.003	12.24
5/1/2010 10:00	6790	9.46	331.6	25.37	26.05	7.393	326.8	33.36	22.47	50.61	50.78	58.46	61.75	0	55.69	26.05	8.92	-0.005	12.23
5/1/2010 11:00	6791	7.97	337.9	18.37	20.68	6.175	298.6	40.88	17.1	49.67	49.72	60.86	65.87	0	80.4	26.06	8.92	0.003	12.2
5/1/2010 12:00	6792	4.64	15.1	19.32	11.74	3.541	259.5	72.17	11.74	50.87	51.05	58.16	62.14	0	113.3	26.06	8.92	0	12.21
5/1/2010 13:00	6793	8.98	64.3	42.67	17.1	6.041	176.3	42.16	13.52	50.89	51.55	61.3	63.97	0	195.8	26.06	8.92	-0.001	12.43
5/1/2010 14:00	6794	13.22	97.4	3.772	22.47	8.3	158.4	17.54	17.1	50.78	51.8	69.05	70.7	0	263.8	26.05	8.92	0	13.55
5/1/2010 15:00	6795	10.67	99.2	0.53	20.68	7.355	174.1	37.54	15.31	56.35	57.81	56.3	55.58	0	808	26.04	8.92	-0.005	12.22
5/1/2010 16:00	6796	12.59	101.8	2.416	24.26	9.77	220.4	22.41	18.89	58.5	59.91	51.13	49.29	0	713.5	26.07	8.91	-0.008	12.42
5/1/2010 17:00	6797	15.11	175.2	63.04	27.84	11.44	220	17.7	24.26	58.9	60.48	47.62	45.62	0	645.8	26.05	8.9	-0.013	12.21
5/1/2010 18:00	6798	17.17	221.7	11.46	27.84	12.74	222	13.64	24.26	60.45	61.84	44.63	42.77	0	583.9	26.04	8.88	-0.019	12.21
5/1/2010 19:00	6799	16.93	224.3	11.48	26.05	12.67	223.8	12.98	22.47	61.49	62.44	41.26	39.77	0	368.7	26.03	8.85	-0.022	12.21
5/1/2010 20:00	6800	17.92	239.6	20.39	34.99	13.31	238.4	20.63	27.84	61.79	62.06	32.69	31.5	0	167	26.02	8.83	-0.021	12.25
5/1/2010 21:00	6801	12.07	248.5	8.9	24.26	8.79	246	10.63	18.89	59.37	58.92	30.65	30.01	0	22.27	26.01	8.81	-0.022	12.26
5/1/2010 22:00	6802	7.774	227.9	10.45	11.74	4.525	225.4	12.41	9.95	54.18	52.85	35.58	36.82	0	0	26	8.79	-0.018	12.29
5/1/2010 23:00	6803	6.143	213.8	10.92	11.74	2.959	221.5	24.91	8.16	50.16	48.16	40.37	42.96	0	0	26	8.79	-0.007	12.45
5/2/2010 0:00	6804	2.971	215.9	8.13	6.368	0.476	309.7	17.36	4.578	48.03	44.92	46.41	51.16	0	0	25.98	8.78	-0.006	12.47
5/2/2010 1:00	6805	3.216	219.7	6.364	6.368	0.365	165.2	10.22	4.578	45.8	42.5	48.02	55.88	0	0	25.96	8.78	-0.004	12.2
5/2/2010 2:00	6806	3.762	233	5.563	6.368	0.718	306.5	11.59	4.578	44.7	40.95	47.41	56.79	0	0	25.95	8.77	-0.003	12.14
5/2/2010 3:00	6807	6.863	241	1.535	9.95	2.711	303.7	13.78	6.368	46.35	42.34	44.76	52.19	0	0	25.94	8.77	-0.006	12.16
5/2/2010 4:00	6808	5.811	241.1	0.544	8.16	2.316	282.3	15.51	4.578	46.57	42.81	43.49	50	0	0	25.94	8.77	0	12.22
5/2/2010 5:00	6809	5.396	234.1	15.78	8.16	1.597	233.5	41.78	4.578	45.04	40.26	43.72	53.03	0	0	25.94	8.76	-0.003	12.38
5/2/2010 6:00	6810	5.412	185.2	11.69	8.16	1.545	147.2	18.37	4.578	38.64	35.02	55.95	65.09	0	0	25.94	8.76	0	12.31
5/2/2010 7:00	6811	4.66	234	10.32	6.368	1.673	259.2	14.39	4.578	37.48	35.44	57.46	63.69	0	0.231	25.93	8.76	-0.003	12.23
5/2/2010 8:00	6812	3.225	239.1	3.444	6.368	1.615	270.6	18.6	4.578	37.96	37.41	58.45	61.6	0	65.41	25.94	8.76	-0.003	12.15
5/2/2010 9:00	6813	5.095	241.3	10.43	13.52	4.208	245.1	14.42	11.74	46.7	47.65	44.49	43.76	0	272.6	25.99	8.75	-0.006	12.19
5/2/2010 10:00	6814	14.96	257.2	9.68	31.42	11.68	255.4	13.71	26.05	58.12	59	32.28	30.98	0	485.3	26.04	8.75	-0.003	14.2
5/2/2010 11:00	6815	22.08	261.3	10.74	34.99	17.13	259.1	13.21	29.63	62.59	63.55	28.92	27.12	0	672.9	26.09	8.74	-0.011	13.02
5/2/2010 12:00	6816	21.75	269.5	13.1	34.99	16.83	267.3	15.07	29.63	65.38	66.72	27.38	25.15	0	856	26.12	8.72	-0.021	13.13
5/2/2010 13:00	6817	23.05	265.2	13.34	40.36	17.92	261.9	14.8	33.21	66.24	67.5	26.74	24.45	0	719.5	26.13	8.7	-0.019	12.73
5/2/2010 14:00	6818	25.82	257.4	13.24	45.73	19.94	254.1	14.78	36.78	67.63	69.04	25.59	23.08	0	937	26.13	8.67	-0.025	12.99
5/2/2010 15:00	6819	24.62	256.6	15.48	42.15	18.88	253.6	17.09	34.99	67.24	68.52	26.54	24.12	0	735.4	26.13	8.64	-0.029	12.81
5/2/2010 16:00	6820	22.65	257.1	14.62	38.57	17.4	253.7	16.11	31.42	68.64	70.14	24.89	22.28	0	834	26.12	8.61	-0.032	13.94
5/2/2010 17:00	6821	22.16	261	15.38	38.57	17.29	258.3	17.38	33.21	69.82	71.15	21.99	19.32	0	801	26.11	8.58	-0.029	12.92
5/2/2010 18:00	6822	21.46	254.3	13	36.78	16.62	251.1	14.52	27.84	70.49	71.55	21.29	18.72	0	632.2	26.11	8.55	-0.038	12.97
5/2/2010 19:00	6823	20.6	251.8	11.16	34.99	15.83	248	12.68	29.63	70.12	70.85	21.28	18.84	0	430.1	26.12	8.5	-0.048	12.97
5/2/2010 20:00	6824	15.76	251.6	11.75	27.84	12.07	248.4	13	24.26	69.14	69.38	22.19	20.09	0	198.3	26.13	8.46	-0.041	13.12
5/2/2010 21:00	6825	9.65	262.1	12.74	20.68	6.883	258.2	14.31	17.1	65.75	65.14	24.64	23.45	0	12	26.14	8.44	-0.021	13.93

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/2/2010 22:00	6826	6.869	286.9	28.35	15.31	4.022	298.7	32.53	13.52	62.03	59.9	28.31	29.18	0	0	26.15	8.43	-0.008	12.65
5/2/2010 23:00	6827	9.49	8.25	11.34	15.31	7.009	7.539	13.37	11.74	58.53	58.65	44.17	43.62	0	0	26.17	8.42	-0.009	12.48
5/3/2010 0:00	6828	3.18	36.86	6.63	11.74	2.096	57.56	27.18	8.16	55.45	54.36	50.66	52.43	0	0	26.17	8.41	-0.006	12.63
5/3/2010 1:00	6829	1.898	23.86	10.83	6.368	1.335	353.8	44.74	4.578	52.09	49.74	55.13	58.91	0	0	26.16	8.41	-0.004	12.79
5/3/2010 2:00	6830	5.157	325.2	26.33	9.95	2.768	309.4	17.19	6.368	50.8	48.03	58.51	63.37	0	0	26.16	8.4	-0.006	12.68
5/3/2010 3:00	6831	7.884	297.7	13.96	13.52	5.543	294.8	18.33	9.95	52.73	52.24	55.38	57.06	0	0	26.18	8.4	-0.003	12.69
5/3/2010 4:00	6832	6.898	233.2	33.71	11.74	4.669	228.9	34.64	9.95	54.29	53.94	53.5	54.99	0	0	26.2	8.39	-0.004	12.43
5/3/2010 5:00	6833	6.983	231.3	26.57	13.52	4.731	230.9	29.09	11.74	54.7	54.45	50.85	52.02	0	0	26.21	8.39	-0.004	12.58
5/3/2010 6:00	6834	10.39	295.6	10.54	18.89	8.01	295.6	14.62	15.31	54.34	54.35	48.24	48.62	0	0	26.24	8.38	-0.006	13.09
5/3/2010 7:00	6835	11.75	295.1	8.91	20.68	9.26	295.2	12.24	18.89	53.16	53.23	47.11	47.27	0	0.067	26.25	8.38	-0.003	12.33
5/3/2010 8:00	6836	7.142	289.4	8.17	18.89	5.329	284.9	14.12	17.1	51.45	51.44	48.78	49.27	0	40.95	26.27	8.37	-0.009	12.71
5/3/2010 9:00	6837	10.49	286.1	11.64	22.47	8.36	284.2	16.15	20.68	51.97	52.43	52.27	52.36	0	166.5	26.29	8.37	-0.007	12.6
5/3/2010 10:00	6838	18.46	303.7	9.55	29.63	14.92	305.5	11.63	24.26	55.28	56.31	47.5	46.58	0	489.2	26.32	8.35	-0.017	12.87
5/3/2010 11:00	6839	14.75	297.8	12.57	24.26	12.26	297.6	15.87	20.68	57.58	58.8	47.52	46.3	0	682.1	26.35	8.34	-0.01	12.84
5/3/2010 12:00	6840	13.81	289.2	14.87	24.26	11.32	288.5	18.88	20.68	60.44	61.93	43.32	41.55	0	857	26.39	8.33	-0.008	12.72
5/3/2010 13:00	6841	14.3	293.1	17.12	29.63	11.82	292.7	20.67	26.05	63.4	65.01	39.51	37.48	0	952	26.42	8.32	-0.014	13.72
5/3/2010 14:00	6842	17.65	316.7	19.03	27.84	14.5	317.4	19.65	26.05	64.96	66.77	37.34	35.12	0	827	26.44	8.3	-0.019	12.86
5/3/2010 15:00	6843	17.35	329.2	15.86	29.63	14.24	328.9	16.23	26.05	67.3	69.11	37.37	35.14	0	838	26.44	8.27	-0.032	12.71
5/3/2010 16:00	6844	17.56	333.9	15.44	29.63	14.39	333.5	15.77	24.26	70.24	72.25	34.35	31.9	0	949	26.45	8.25	-0.019	12.77
5/3/2010 17:00	6845	16.92	332.5	17.86	29.63	13.6	332.9	18.1	24.26	71.26	73.08	30.97	28.55	0	789.1	26.44	8.22	-0.029	12.83
5/3/2010 18:00	6846	12.37	319.8	22.97	26.05	10.23	321.1	24.04	22.47	72.31	73.6	30.54	28.43	0	643	26.44	8.2	-0.022	12.82
5/3/2010 19:00	6847	11.27	309.7	19.29	22.47	9.37	311.5	21.29	18.89	72.79	73.75	27.86	25.81	0	437.1	26.44	8.17	-0.022	13.64
5/3/2010 20:00	6848	10.55	291	19.18	18.89	8.48	289.7	22.63	15.31	72.73	73.23	26.17	24.35	0	217.9	26.44	8.16	-0.018	12.96
5/3/2010 21:00	6849	6.753	285.6	11.95	11.74	4.469	287.4	25.78	9.95	69.32	68.24	28.27	28.19	0	27.74	26.44	8.14	-0.016	12.77
5/3/2010 22:00	6850	2.236	255.8	24.24	6.368	0.782	125.6	38.82	6.368	63.65	59.8	32.71	36.61	0	0	26.42	8.13	-0.01	12.68
5/3/2010 23:00	6851	0.868	229.7	1.502	4.578	1.974	80.6	13.29	4.578	60.68	55.25	35.41	42.91	0	0	26.4	8.12	-0.006	12.61
5/4/2010 0:00	6852	0.325	231.3	0.04	2.789	1.892	74.9	9.09	4.578	58.67	54.67	37.51	43.82	0	0	26.38	8.12	-0.009	12.61
5/4/2010 1:00	6853	0.796	219.5	4.428	4.578	1.784	87	17.93	6.368	56.2	51.66	40.8	49.09	0	0	26.37	8.11	-0.002	12.63
5/4/2010 2:00	6854	2.089	183.4	15.79	6.368	2.086	94.2	16.59	4.578	54.46	49.53	43.65	51.93	0	0	26.34	8.1	-0.009	12.82
5/4/2010 3:00	6855	2.469	191.9	18.6	8.16	0.931	118.2	47.68	4.578	51.19	47.58	48.26	55.79	0	0	26.32	8.1	-0.003	13.36
5/4/2010 4:00	6856	1.965	220.4	8.03	4.578	0.897	141.2	39.33	4.578	50.38	45.85	49.43	58.35	0	0	26.3	8.09	-0.006	12.22
5/4/2010 5:00	6857	2.406	268.6	14.42	4.578	1.383	126.6	44.63	4.578	51	45.08	47.76	59.06	0	0	26.28	8.09	-0.003	12.23
5/4/2010 6:00	6858	2.88	235.5	20.56	6.368	0.47	68.85	37.07	2.789	48.89	44.59	50.19	59.53	0	0	26.27	8.09	-0.001	12.33
5/4/2010 7:00	6859	2.797	216.8	28.05	6.368	1.296	45.2	59.09	4.578	47.72	42.6	51.33	62.91	0	0.466	26.27	8.09	-0.003	12.5
5/4/2010 8:00	6860	2.55	178.8	9.82	9.95	1.225	132	32.98	8.16	48.07	46.02	52.17	57.54	0	73.41	26.27	8.08	-0.004	12.76
5/4/2010 9:00	6861	5.78	211.6	9.51	9.95	4.494	213	13.87	8.16	55.83	56.69	43.91	43.21	0	281.1	26.31	8.07	-0.015	14.11
5/4/2010 10:00	6862	6.352	216.4	17.04	11.74	5.191	217.5	19.7	9.95	64.38	65.36	35.23	33.68	0	499.1	26.36	8.06	-0.008	12.98
5/4/2010 11:00	6863	8.3	220	16.84	15.31	6.622	220.4	18.41	11.74	69.25	69.98	32.05	30.26	0	697.3	26.4	8.05	-0.009	13.06
5/4/2010 12:00	6864	9.46	226.2	16.48	18.89	7.591	226.2	17.65	15.31	74.81	75.57	26.37	24.17	0	876	26.42	8.04	-0.011	12.7
5/4/2010 13:00	6865	14.16	219.9	15.37	26.05	10.92	220.7	16.08	20.68	79.84	81.2	19.84	17.1	0	994	26.42	8.02	-0.016	12.72
5/4/2010 14:00	6866	14.74	235.4	17.66	26.05	11.52	234.7	19.03	20.68	83.1	84.4	16.84	13.92	0	1046	26.41	7.993	-0.032	12.62
5/4/2010 15:00	6867	15.89	240.3	18.35	29.63	12.47	240.3	19.34	22.47	86.1	87.3	14.52	11.47	0	1037	26.39	7.964	-0.029	12.56
5/4/2010 16:00	6868	17.81	244.1	16.07	31.42	13.95	243.1	16.73	26.05	88.3	89.5	12.43	9.28	0	967	26.36	7.926	-0.038	12.58
5/4/2010 17:00	6869	19.06	246.1	15.55	31.42	14.88	246.1	16.4	27.84	89.1	90.1	11.69	8.52	0	837	26.34	7.885	-0.041	12.6
5/4/2010 18:00	6870	17.47	247.1	14.85	29.63	13.53	247	16.26	26.05	89.3	90	11.51	8.46	0	658.9	26.32	7.84	-0.044	12.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/4/2010 19:00	6871	15.93	245.9	11.84	29.63	12.32	245.7	13.17	24.26	89.4	89.8	11.06	8.01	0	448.2	26.3	7.796	-0.044	12.85
5/4/2010 20:00	6872	15.06	246.7	12.81	26.05	11.39	246.7	13.87	20.68	88.5	88.3	10.48	7.576	0	225.4	26.29	7.755	-0.041	12.9
5/4/2010 21:00	6873	7.593	228.1	8.8	13.52	4.083	232.7	13.78	9.95	82.2	79.85	14.78	13.59	0	29.79	26.28	7.723	-0.032	13.61
5/4/2010 22:00	6874	7.275	231.2	9.12	13.52	3.359	235.7	29.73	8.16	76.01	71.67	18.29	19.22	0	0.006	26.27	7.709	-0.015	12.56
5/4/2010 23:00	6875	4.013	229.9	9.43	6.368	0.514	256.6	10.35	2.789	69.66	65.28	22.64	25.03	0	0	26.25	7.698	-0.01	12.62
5/5/2010 0:00	6876	3.687	230.9	9.13	8.16	0.631	221.6	43.51	4.578	67.65	61.65	23.17	28.86	0	0	26.23	7.692	-0.006	12.77
5/5/2010 1:00	6877	2.974	237.9	17.48	13.52	1.561	96.3	60.03	6.368	64.58	58.99	25.62	31.34	0	0	26.21	7.683	-0.009	12.75
5/5/2010 2:00	6878	3.633	319.1	2.747	8.16	0.758	67.35	38.24	4.578	62.6	55.43	27.24	36.13	0	0	26.19	7.681	-0.002	12.76
5/5/2010 3:00	6879	4.92	320.7	3.469	6.368	0.023	134.4	3.478	2.789	63.01	53.67	26.24	37.03	0	0	26.18	7.673	-0.008	12.66
5/5/2010 4:00	6880	5.341	312.6	8.65	8.16	1.135	314.7	9.75	4.578	63.46	56.66	25.62	32.18	0	0	26.17	7.669	-0.003	12.71
5/5/2010 5:00	6881	5.023	322	7.618	8.16	1.031	311.4	13.32	4.578	61.19	56.58	27.43	31.6	0	0	26.17	7.66	-0.01	12.81
5/5/2010 6:00	6882	5.467	316.2	8.99	9.95	1.697	302.7	20.95	8.16	59.62	54.6	29.14	34.67	0	0	26.18	7.657	-0.003	12.67
5/5/2010 7:00	6883	4.186	270.3	22.81	6.368	1.799	239.5	35.38	4.578	56.86	51.25	32.36	39.62	0	0.535	26.19	7.654	-0.003	12.74
5/5/2010 8:00	6884	6.221	313.4	19.32	26.05	2.802	322.2	23.07	18.89	56.9	52.7	33.48	39.87	0	76.73	26.2	7.65	-0.003	12.78
5/5/2010 9:00	6885	15.91	19.55	20.75	24.26	10.64	18.86	21.07	22.47	62.36	62.7	36.46	35.84	0	286.4	26.27	7.642	-0.009	13.01
5/5/2010 10:00	6886	18.13	39.85	10.21	27.84	10.54	37.26	11.37	22.47	62.54	63.49	41.03	39.96	0	506.8	26.32	7.632	-0.01	12.9
5/5/2010 11:00	6887	15.58	48.74	11.74	24.26	9.43	45.51	14.49	18.89	66.75	68.06	36.93	35.5	0	667.7	26.36	7.618	-0.014	13.02
5/5/2010 12:00	6888	14.23	60.05	13.69	27.84	9.18	55.96	18.52	17.1	70.87	72.8	33.02	31.03	0	866	26.39	7.604	-0.013	13.94
5/5/2010 13:00	6889	12.88	72.93	14.37	20.68	8.67	68.91	21.03	18.89	74.66	76.99	30.01	27.58	0	937	26.41	7.587	-0.017	12.82
5/5/2010 14:00	6890	10.37	63.94	18.44	18.89	7.072	58.94	23.71	15.31	78.75	81	26.57	24.1	0	1020	26.41	7.574	-0.013	12.87
5/5/2010 15:00	6891	7.881	77.69	28.42	17.1	5.72	73.59	34.86	13.52	82.6	84.5	23.79	21.22	0	1021	26.41	7.555	-0.019	13.57
5/5/2010 16:00	6892	6.35	58.36	30.55	15.31	4.665	51.72	37.39	13.52	85.7	87	20.7	18.38	0	930	26.4	7.539	-0.016	12.77
5/5/2010 17:00	6893	4.048	66.21	51.08	11.74	3.482	49.99	63.41	9.95	88.7	88.9	17.84	15.75	0	775.2	26.39	7.514	-0.025	12.7
5/5/2010 18:00	6894	5.498	213	67.59	13.52	4.33	214.2	68.77	11.74	89.7	89.6	16.54	13.9	0	642.8	26.37	7.489	-0.025	12.81
5/5/2010 19:00	6895	8.02	116.7	30.23	18.89	5.649	114.2	38.14	15.31	88.3	89	18.77	16.28	0	437.6	26.35	7.466	-0.022	12.73
5/5/2010 20:00	6896	11.77	111.9	10.36	20.68	7.476	113.6	18.74	13.52	85.1	85.4	22.43	20.43	0	203.6	26.34	7.438	-0.029	12.9
5/5/2010 21:00	6897	9.53	109.2	7.513	13.52	5.679	109.2	17.32	11.74	78.48	77.56	29.06	28.39	0	17.26	26.32	7.416	-0.022	12.72
5/5/2010 22:00	6898	9.67	108.2	7.698	15.31	5.722	108.7	17.31	11.74	73.1	72.09	37.64	37.81	0	0.004	26.3	7.398	-0.018	12.67
5/5/2010 23:00	6899	10.25	116.8	9	17.1	5.79	116.7	18.99	13.52	70.23	69.07	42.24	43.19	0	0	26.29	7.383	-0.015	12.66
5/6/2010 0:00	6900	12.41	118.9	8.43	18.89	7.05	119.9	18.28	11.74	69.18	68.34	44.31	45.04	0	0	26.28	7.372	-0.012	12.72
5/6/2010 1:00	6901	12.55	121.5	8.09	22.47	7.191	122.9	17.7	13.52	66.55	65.85	49.38	50.38	0	0	26.27	7.359	-0.012	12.74
5/6/2010 2:00	6902	12.15	124.1	7.548	18.89	6.96	125.4	17.43	13.52	65.88	65.08	52.36	53.76	0	0	26.24	7.35	-0.009	13.02
5/6/2010 3:00	6903	6.422	129.7	6.387	13.52	3.044	128.9	18.74	9.95	62.9	61.62	58.35	61.27	0	0	26.22	7.34	-0.01	14.02
5/6/2010 4:00	6904	5.9	126.6	5.262	9.95	2.625	115.1	15.6	6.368	61.66	59.53	60.78	65.92	0	0	26.19	7.334	-0.006	13.37
5/6/2010 5:00	6905	4.848	105.2	13.32	9.95	2.533	71.4	18.62	6.368	60.94	59.12	60.98	65.61	0	0	26.17	7.328	-0.006	14.25
5/6/2010 6:00	6906	3.097	145.4	8.15	6.368	0.895	110.1	13.97	4.578	60.65	57.9	58.53	65.14	0	0	26.16	7.325	-0.002	12.7
5/6/2010 7:00	6907	2.047	171.3	5.659	6.368	0.406	321.3	8.08	4.578	59.16	55.04	59.67	69.3	0	0.524	26.16	7.322	-0.003	12.8
5/6/2010 8:00	6908	4.412	224.4	44.73	6.368	2.109	311.1	7.334	4.578	60.9	57.25	56.95	65.56	0	70.38	26.16	7.319	-0.003	12.91
5/6/2010 9:00	6909	3.479	258.9	9.36	6.368	2.819	262.1	21.08	6.368	64.02	64.28	52.77	53.57	0	218.2	26.2	7.305	-0.014	12.8
5/6/2010 10:00	6910	4.663	240	12.09	8.16	3.671	239.7	20.09	6.368	69.23	69.88	47.72	47.1	0	378.3	26.24	7.301	-0.005	12.75
5/6/2010 11:00	6911	5.481	237	27.83	11.74	4.323	241.3	31.81	13.52	79.76	80.1	33.93	32.67	0	620.8	26.28	7.296	-0.005	12.66
5/6/2010 12:00	6912	12.43	265.5	16.64	22.47	8.74	264.4	22.94	17.1	86.9	87.9	14.54	12.16	0	792.3	26.31	7.286	-0.01	12.47
5/6/2010 13:00	6913	12.44	264.6	22.84	26.05	9.87	263.8	23.75	20.68	89.2	90.2	11.92	9.1	0	854	26.32	7.267	-0.019	13.58
5/6/2010 14:00	6914	13.22	217.1	15.84	26.05	10.19	219.2	17.3	18.89	91.3	92.5	13.72	10.64	0	1066	26.31	7.241	-0.025	12.45
5/6/2010 15:00	6915	14.37	230.6	19.1	31.42	11.09	231.4	20.46	26.05	93.8	95	9.11	5.935	0	1035	26.28	7.194	-0.048	12.69

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/6/2010 16:00	6916	19.25	225.6	16.67	34.99	14.37	226.7	16.71	27.84	95.4	96.7	7.719	4.421	0	961	26.26	7.14	-0.054	12.37
5/6/2010 17:00	6917	21.35	227.5	14.1	33.21	16	228.8	14.44	27.84	95.7	96.8	7.834	4.488	0	831	26.24	7.089	-0.051	12.93
5/6/2010 18:00	6918	23.05	224	11.24	38.57	16.93	225.9	12.81	29.63	95.1	95.9	7.735	4.429	0	651.8	26.22	7.042	-0.048	12.58
5/6/2010 19:00	6919	23.03	229.4	10.99	34.99	17.1	231.4	12.22	29.63	94.3	94.8	7.704	4.406	0	461	26.21	6.991	-0.051	12.77
5/6/2010 20:00	6920	20.5	235	9.47	31.42	15.35	235.7	10.52	26.05	92.5	92.3	9.27	6.18	0	210.2	26.21	6.918	-0.073	12.71
5/6/2010 21:00	6921	12.22	228.2	7.419	24.26	8.5	229.7	9.69	18.89	87.2	86.2	13.15	10.75	0	10.24	26.2	6.877	-0.041	12.7
5/6/2010 22:00	6922	9.78	222.2	5.941	15.31	6.043	223.2	9.84	11.74	81.7	79.8	15.23	13.69	0	0.017	26.19	6.859	-0.018	12.61
5/6/2010 23:00	6923	7.858	220.1	7.579	15.31	4.457	224.3	13.14	9.95	78.73	76.73	16.11	14.95	0	0.002	26.19	6.84	-0.019	14.01
5/7/2010 0:00	6924	5.663	223.8	6.669	8.16	1.615	236.3	18.7	4.578	75.94	71.41	16.86	17.95	0	0.001	26.18	6.832	-0.009	13.9
5/7/2010 1:00	6925	8.12	235	32.72	11.74	3.927	238.3	40.48	8.16	71.83	66.9	19.78	22.12	0	0	26.17	6.823	-0.008	12.72
5/7/2010 2:00	6926	5.767	164.4	42.21	9.95	3.159	114.9	42.73	6.368	66.62	62.15	25.88	28.06	0	0	26.16	6.811	-0.013	12.77
5/7/2010 3:00	6927	7.392	212.9	50.57	20.68	5.097	219.1	58.81	17.1	70.09	67.28	38.95	42.2	0	0	26.15	6.804	-0.006	12.92
5/7/2010 4:00	6928	8.1	224.6	21.24	24.26	4.896	214.6	30.57	18.89	72.14	69.34	25.19	27.13	0	0	26.17	6.798	-0.006	12.84
5/7/2010 5:00	6929	7.35	249.5	15.95	11.74	3.68	245.3	23.19	8.16	69.1	65.43	19.92	21.64	0	0	26.18	6.795	-0.003	12.72
5/7/2010 6:00	6930	8.36	279.8	19.6	11.74	4.724	285.1	28.06	8.16	66.92	64.22	19.72	20.43	0	0	26.2	6.789	-0.006	12.66
5/7/2010 7:00	6931	9.91	316.8	17.62	22.47	6.176	318.3	17.86	17.1	64.48	62.1	21.69	22.26	0	0.659	26.21	6.782	-0.006	14.48
5/7/2010 8:00	6932	15.6	6.26	23.09	31.42	10.26	6.607	23.87	26.05	62.11	61.77	30.63	29.81	0	78.59	26.26	6.773	-0.01	12.63
5/7/2010 9:00	6933	19.62	35.11	11.3	29.63	11.99	33.01	12.23	27.84	57.63	58.42	58.42	58.3	0	288.5	26.32	6.763	-0.01	12.77
5/7/2010 10:00	6934	19.05	46.22	13.2	29.63	11.35	42.53	15.12	22.47	58.3	59.64	65.12	64.84	0	508.5	26.36	6.757	-0.006	12.9
5/7/2010 11:00	6935	20.62	40.65	12.92	33.21	12.39	38.31	14.77	27.84	59.9	61.35	62.18	61.48	0	702.2	26.39	6.747	-0.01	12.71
5/7/2010 12:00	6936	20.65	46.93	12.58	33.21	12.37	44.18	15.59	24.26	61.77	63.62	56.55	55.01	0	874	26.43	6.727	-0.02	12.83
5/7/2010 13:00	6937	18.3	43.01	14.76	33.21	11.18	40.4	16.31	27.84	64.67	66.57	51.33	49.59	0	987	26.46	6.711	-0.017	12.78
5/7/2010 14:00	6938	17.01	46.6	15.16	27.84	10.58	43.11	17.68	24.26	67.45	69.58	47.17	45.08	0	1036	26.47	6.691	-0.02	12.78
5/7/2010 15:00	6939	16.66	55.68	16.55	27.84	10.62	52.88	20.16	20.68	70.17	72.71	41.38	38.84	0	1028	26.47	6.672	-0.019	13.32
5/7/2010 16:00	6940	15.5	59.64	15.85	26.05	9.89	55.56	19.95	22.47	72.45	74.85	37.36	34.89	0	958	26.47	6.631	-0.042	12.71
5/7/2010 17:00	6941	15.53	66.54	18.65	27.84	10.07	62.28	22.87	20.68	74.01	76.38	34.75	32.2	0	825	26.47	6.605	-0.026	12.68
5/7/2010 18:00	6942	14.03	77.46	14.13	24.26	9.36	73.95	20.66	18.89	74.49	76.57	34.12	31.7	0	646.3	26.47	6.576	-0.029	12.76
5/7/2010 19:00	6943	15.41	74.79	12.69	24.26	9.93	70.83	19.18	18.89	74.06	75.76	34.43	32.32	0	438.3	26.46	6.548	-0.028	12.66
5/7/2010 20:00	6944	17.12	79.5	10.04	27.84	10.84	75.96	17.8	20.68	72.5	73.28	35.08	33.7	0	217.4	26.46	6.523	-0.025	12.66
5/7/2010 21:00	6945	14.32	84.4	7.988	24.26	8.63	81.1	16.73	18.89	68.7	68.6	39.64	39.22	0	28.08	26.47	6.501	-0.022	12.54
5/7/2010 22:00	6946	10.88	88.3	7.794	17.1	6.78	87.8	16.12	11.74	63.88	63.44	46	46.41	0	0.001	26.47	6.484	-0.017	12.72
5/7/2010 23:00	6947	12.34	88	8.36	20.68	7.598	86.3	16.55	15.31	60.7	60.33	49.98	50.67	0	0	26.48	6.468	-0.016	12.56
5/8/2010 0:00	6948	12.1	84.6	7.969	18.89	7.331	81.5	16.75	13.52	57.95	57.62	52.87	53.82	0	0	26.49	6.456	-0.013	12.55
5/8/2010 1:00	6949	12.42	76.83	7.77	36.78	7.453	72.25	16.46	15.31	55.48	55.19	55.15	56.31	0	0	26.48	6.447	-0.009	12.67
5/8/2010 2:00	6950	15.46	71.7	7.584	22.47	9.99	67.1	14.58	17.1	54.32	54.15	53.9	54.83	0	0	26.48	6.441	-0.006	12.49
5/8/2010 3:00	6951	16.5	69.65	7.168	26.05	11	66.17	14.02	20.68	52.94	52.84	53.39	54.19	0	0	26.48	6.426	-0.015	12.64
5/8/2010 4:00	6952	14.95	75.21	8.03	22.47	9.32	70.22	16	17.1	51.1	50.97	54.7	55.7	0	0	26.48	6.42	-0.006	12.25
5/8/2010 5:00	6953	14.35	80	8.35	22.47	8.39	75.97	17.12	15.31	49.86	49.75	54.56	55.57	0	0	26.49	6.41	-0.01	12.91
5/8/2010 6:00	6954	16.26	77.81	9.47	27.84	9.88	73.97	17.01	18.89	48.7	48.61	55.81	56.88	0	0	26.49	6.404	-0.006	12.62
5/8/2010 7:00	6955	18.46	86.1	7.625	27.84	11.1	83.7	16.58	22.47	48.78	48.83	54.39	55.19	0	0.424	26.5	6.394	-0.01	12.46
5/8/2010 8:00	6956	22.06	86.8	7.589	33.21	13.61	84.5	16.13	24.26	49.86	50.18	51.36	51.6	0	27.76	26.52	6.388	-0.006	12.82
5/8/2010 9:00	6957	21.24	88	8.51	36.78	13.21	85.3	16.25	24.26	50.85	51.45	49.49	49.38	0	96.9	26.55	6.378	-0.01	12.49
5/8/2010 10:00	6958	19.94	92.3	9.41	33.21	13	89.6	17.34	24.26	51.88	52.59	47.39	47.03	0	141.9	26.57	6.368	-0.01	12.95
5/8/2010 11:00	6959	17.02	96.3	10.54	29.63	11.53	92.9	17.71	22.47	53.15	53.95	44.58	44	0	185.6	26.58	6.349	-0.019	12.71
5/8/2010 12:00	6960	16.89	94	9.97	29.63	11.2	91.1	17.81	24.26	54.19	55.27	41.09	40.19	0	259.8	26.6	6.329	-0.02	12.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/8/2010 13:00	6961	16.3	97.2	12.71	27.84	10.88	94.5	20.25	20.68	55.52	56.93	38.77	37.48	0	355.4	26.59	6.322	-0.006	13.05
5/8/2010 14:00	6962	14.37	107.5	11.13	22.47	9.6	104.9	18.99	17.1	55.43	56.32	37.42	36.4	0	162	26.58	6.313	-0.01	12.89
5/8/2010 15:00	6963	14.59	101.7	13.43	24.26	9.59	98.6	20.96	18.89	56.46	57.68	36.67	35.4	0	293.5	26.55	6.303	-0.01	13
5/8/2010 16:00	6964	12.8	103.9	14.51	22.47	8.61	100.5	21.79	17.1	57.69	59.13	36.56	35.09	0	333.9	26.53	6.297	-0.006	14.54
5/8/2010 17:00	6965	13.85	113.1	13.5	24.26	9.12	110.7	21.56	18.89	58.59	60.16	37.07	35.45	0	343.6	26.51	6.288	-0.01	12.95
5/8/2010 18:00	6966	12.79	108.3	13.17	20.68	8.54	105.2	21.08	15.31	58.67	59.99	37.43	35.98	0	265.9	26.5	6.272	-0.016	12.99
5/8/2010 19:00	6967	12.49	119	12.1	18.89	8.05	117.9	20.42	15.31	58.59	59.52	38.58	37.45	0	162.1	26.48	6.259	-0.013	12.86
5/8/2010 20:00	6968	12.24	126.1	11.1	18.89	7.501	125.2	19.5	17.1	57.82	58.36	40.36	39.6	0	57.02	26.46	6.246	-0.013	12.19
5/8/2010 21:00	6969	10.43	123.1	9.57	17.1	6.588	123.2	18.59	13.52	57.15	57.44	42.63	42.18	0	3.845	26.46	6.237	-0.01	12.81
5/8/2010 22:00	6970	11.75	121.8	9.08	20.68	7.312	121.2	17.95	13.52	56.86	57.09	45.6	45.37	0	0	26.45	6.227	-0.01	12.66
5/8/2010 23:00	6971	12.87	126.4	9.34	20.68	7.832	126.1	17.83	15.31	56.53	56.78	48.26	48.16	0	0	26.45	6.218	-0.01	12.29
5/9/2010 0:00	6972	10.73	124.7	9.23	17.1	6.581	123.6	18.35	13.52	56.36	56.58	47.08	46.98	0	0	26.44	6.208	-0.01	12.4
5/9/2010 1:00	6973	9.09	122.5	8.47	20.68	5.654	122.9	17.88	11.74	56.4	56.58	48.16	48.17	0	0	26.44	6.199	-0.01	12.21
5/9/2010 2:00	6974	6.311	105.6	11.1	11.74	4.217	104.9	19.55	8.16	56.42	56.64	49.16	49.27	0	0	26.44	6.189	-0.01	12.23
5/9/2010 3:00	6975	7.804	96.3	9.59	13.52	5.433	94.8	17.6	9.95	56.31	56.56	50.14	50.2	0	0	26.41	6.18	-0.01	12.32
5/9/2010 4:00	6976	10.26	106.1	10.89	17.1	6.806	104.6	18.98	15.31	56.73	56.96	50.98	51.09	0	0	26.4	6.177	-0.003	13.75
5/9/2010 5:00	6977	10.55	115.1	10.04	17.1	6.651	113.9	19.03	13.52	57.03	57.24	53.91	54.14	0	0	26.39	6.17	-0.006	12.81
5/9/2010 6:00	6978	9.32	110.9	9.56	15.31	6.068	109.1	18.53	11.74	57.08	57.28	57.34	57.8	0	0	26.38	6.164	-0.006	12.85
5/9/2010 7:00	6979	9.87	128.3	10.99	15.31	6.051	127.3	19.28	11.74	56.97	57.23	67.98	69.21	0	0.142	26.38	6.161	-0.003	12.8
5/9/2010 8:00	6980	8.94	144.7	13.16	17.1	5.64	146.1	20.71	11.74	56.48	56.85	83.7	85.8	0	11.12	26.38	6.158	-0.003	12.87
5/9/2010 9:00	6981	8.08	132.1	14.69	11.74	5.115	132.7	22.18	9.95	56.95	57.56	88.1	90.2	0	48.61	26.38	6.158	0	12.18
5/9/2010 10:00	6982	6.702	103.8	16.4	11.74	4.631	100.9	23.98	9.95	56.3	57.14	95.7	97.3	0	89.2	26.38	6.154	-0.003	12.45
5/9/2010 11:00	6983	6.205	92.5	14.02	9.95	4.498	88.4	21.67	8.16	57.43	58.34	97.1	99	0	145.2	26.38	6.151	-0.003	12.87
5/9/2010 12:00	6984	8.26	116.2	14.91	13.52	5.693	114.6	23.7	11.74	58.91	60.15	97.2	98.2	0	189.7	26.38	6.151	0	14.06
5/9/2010 13:00	6985	8.64	120	11.87	15.31	5.73	119.6	21.08	11.74	59.88	61.19	98	98.6	0	187.4	26.39	6.151	0	12.25
5/9/2010 14:00	6986	9.15	130.5	17.34	15.31	6.016	131.6	24.15	11.74	62.17	63.27	95.3	96.2	0	168.1	26.38	6.151	0	12.89
5/9/2010 15:00	6987	12.01	139.6	17.15	20.68	8.02	141.2	23.72	15.31	67.5	69.49	83.6	82.4	0	589.1	26.36	6.152	0.001	12.91
5/9/2010 16:00	6988	12.56	147.5	18.04	20.68	8.39	147.8	25.01	17.1	72.87	75.48	74.08	70.92	0	931	26.36	6.148	-0.004	12.87
5/9/2010 17:00	6989	12.78	142.7	16.75	22.47	8.39	144.2	24.49	17.1	76.09	78.65	68.93	65.74	0	805	26.35	6.142	-0.006	12.99
5/9/2010 18:00	6990	12.84	135.3	15.46	22.47	8.37	135.3	22.94	18.89	79.17	81.1	63.03	60.86	0	586.5	26.33	6.132	-0.01	12.87
5/9/2010 19:00	6991	15.21	137.9	11.28	24.26	9.5	138.3	19.18	17.1	80.7	82.2	58.91	57.24	0	406.8	26.32	6.12	-0.013	12.89
5/9/2010 20:00	6992	15.92	138.1	10.68	24.26	9.72	139.3	18.72	18.89	79.87	80.6	59.23	58.84	0	195.9	26.31	6.107	-0.013	13.09
5/9/2010 21:00	6993	14.47	139.9	8.43	22.47	8.7	141.4	16.59	17.1	77.3	77.1	63.97	65.52	0	20.26	26.3	6.092	-0.015	12.56
5/9/2010 22:00	6994	10.05	134.7	8.22	15.31	5.863	135.5	16.9	9.95	73.98	73.41	69.34	72.28	0	0.005	26.28	6.079	-0.012	12.58
5/9/2010 23:00	6995	13.01	154.2	12.92	24.26	7.812	155.3	18.64	17.1	73.17	72.73	73.15	76.22	0	0.001	26.28	6.07	-0.009	12.49
5/10/2010 0:00	6996	14.64	169.6	8.62	26.05	8.81	171.8	16.01	18.89	71.71	71.43	81.1	84.5	0	0.002	26.28	6.061	-0.009	12.67
5/10/2010 1:00	6997	12.03	172.2	9.16	20.68	7.102	174.1	16.53	13.52	69.26	68.91	87	91.1	0	0.001	26.26	6.052	-0.009	12.17
5/10/2010 2:00	6998	9.97	184.6	8.58	17.1	6.196	188.9	14.94	13.52	67.85	67.51	91.1	95.5	0	0.001	26.24	6.049	-0.003	12.37
5/10/2010 3:00	6999	8.87	185.9	10.25	15.31	5.419	190.7	16.28	9.95	66.68	66.12	93.6	98.5	0	0	26.22	6.043	-0.006	12.58
5/10/2010 4:00	7000	9.05	206.8	24.36	17.1	5.862	209.9	27.72	11.74	65.91	65.38	94.9	99.4	0	0	26.2	6.04	-0.003	12.21
5/10/2010 5:00	7001	7.207	203.5	15.41	15.31	4.397	205.7	19.41	9.95	64.53	63.72	97.1	99.4	0	0	26.19	6.037	-0.003	12.76
5/10/2010 6:00	7002	6.585	197.6	10.73	11.74	3.681	199.1	16.49	8.16	63.29	62.27	98.7	99.4	0	0	26.18	6.037	0	12.72
5/10/2010 7:00	7003	6.063	189.1	8.2	13.52	3.124	193.4	13.99	8.16	62.02	60.86	99.9	99.4	0	0.557	26.16	6.516	0.479	14.27
5/10/2010 8:00	7004	6.88	197.6	10.99	13.52	4.514	204.3	15.01	8.16	63.09	62.57	99.6	99.4	0	62.93	26.17	2.86	-3.656	12.78
5/10/2010 9:00	7005	10.54	192.7	10.49	20.68	7.12	197	15.08	15.31	66.85	67.05	88.4	91.7	0	233.6	26.19	9.43	6.572	12.76

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/10/2010 10:00	7006	13.22	200	9.88	20.68	9.25	204.9	14.41	17.1	72.86	73.82	69.46	70.28	0	462.1	26.22	9.43	0.001	12.73
5/10/2010 11:00	7007	13.67	215.2	12.17	24.26	10.17	218.4	13.95	18.89	78.58	79.59	49.29	48.4	0	680.4	26.25	9.44	0.002	12.53
5/10/2010 12:00	7008	25.61	234.6	12.18	49.31	19.41	236	12.99	36.78	84.5	85.3	24.85	22.83	0	871	26.27	9.2	-0.232	12.5
5/10/2010 13:00	7009	31.16	244.8	10.74	51.1	23.63	244.8	11.79	40.36	87.6	88.4	14.28	11.51	0	980	26.27	9	-0.203	12.45
5/10/2010 14:00	7010	27.57	247.6	10.88	45.73	21.04	247.3	12.39	36.78	88.6	89.7	13.74	10.79	0	1036	26.27	8.91	-0.086	12.38
5/10/2010 15:00	7011	21.51	259.3	17.55	40.36	16.72	259	19.01	33.21	89.8	91	13.16	10.13	0	1024	26.27	8.87	-0.048	12.34
5/10/2010 16:00	7012	22.16	271.6	15.48	40.36	17.19	271.9	17.71	33.21	90	91.3	11.89	8.77	0	950	26.27	8.83	-0.038	12.44
5/10/2010 17:00	7013	22.4	272	13.46	36.78	17.5	271.1	15.93	31.42	89.8	91	9.8	6.623	0	828	26.26	8.78	-0.044	12.47
5/10/2010 18:00	7014	24.92	277.2	11.4	42.15	19.34	275.5	14.01	34.99	89.2	90.1	8.31	5.079	0	659.2	26.25	8.73	-0.051	12.46
5/10/2010 19:00	7015	23.08	282.5	11.9	38.57	18.01	279.8	15.18	33.21	88.9	89.6	8.36	5.107	0	454.7	26.23	8.68	-0.051	12.56
5/10/2010 20:00	7016	17.76	285.7	11.22	29.63	13.79	283.2	14.55	27.84	87.5	87.5	8.28	5.261	0	236.9	26.25	8.65	-0.035	12.81
5/10/2010 21:00	7017	12.71	283.8	10.89	22.47	9.54	280.5	15.02	17.1	83.2	82.6	9.86	7.124	0	36.66	26.24	8.62	-0.029	12.57
5/10/2010 22:00	7018	5.48	297.1	55.11	11.74	3.363	307.2	81.6	8.16	76.09	72.71	13.53	13.75	0	0.027	26.23	8.61	-0.014	12.61
5/10/2010 23:00	7019	2.641	280	58.44	8.16	1.889	88.2	65.15	6.368	74.6	66.47	14.15	18.53	0	0	26.22	8.59	-0.017	12.56
5/11/2010 0:00	7020	6.136	299.7	8.04	9.95	2.813	326.9	24.77	6.368	73.22	65.02	16.16	21.32	0	0	26.19	8.57	-0.015	13.25
5/11/2010 1:00	7021	3.407	284.5	33.68	15.31	1.488	200.5	49.79	4.578	66.85	60.37	21.55	26.43	0	0	26.17	8.57	-0.006	13.62
5/11/2010 2:00	7022	1.753	166.9	23.03	8.16	2.161	63.2	39	4.578	63.74	56.77	22.69	30.83	0	0	26.16	8.56	-0.008	12.46
5/11/2010 3:00	7023	6.203	165.6	68.96	11.74	3.116	140.7	39.72	6.368	62.69	55.22	24.94	32.74	0	0	26.14	8.55	-0.009	12.64
5/11/2010 4:00	7024	3.698	199.4	24.46	11.74	1.453	235.6	51.06	4.578	56.13	53.8	33.16	35.68	0	0	26.14	8.54	-0.006	12.3
5/11/2010 5:00	7025	0.669	235	0.093	4.578	2.071	76.84	20.21	4.578	55.84	52.16	34.18	39.99	0	0	26.13	8.54	-0.006	13.72
5/11/2010 6:00	7026	2.681	177.2	48.14	8.16	1.957	78.42	46.84	8.16	58.73	52.15	31.29	41.48	0	0	26.12	8.53	-0.01	12.44
5/11/2010 7:00	7027	3.714	144.3	12.74	9.95	1.899	84.8	38.71	6.368	60.18	54.65	34.22	40.07	0	0.884	26.13	8.53	-0.003	12.61
5/11/2010 8:00	7028	5.072	141.1	6.868	8.16	2.228	103.6	21.63	4.578	59.58	56.38	62.14	65.38	0	87.1	26.15	8.52	-0.004	12.74
5/11/2010 9:00	7029	6.389	193.1	12.76	11.74	4.715	198.6	15.57	9.95	65.29	66.04	63.24	62.79	0	293.7	26.2	8.52	-0.005	12.79
5/11/2010 10:00	7030	8.94	218.3	12.68	13.52	6.964	221.3	15.09	11.74	72.54	73.35	37.57	36.49	0	504	26.25	8.51	-0.006	13.41
5/11/2010 11:00	7031	9.89	215.5	13.15	15.31	7.756	219	15.42	13.52	79.17	79.98	23.28	21.34	0	700.6	26.28	8.5	-0.008	12.89
5/11/2010 12:00	7032	9.77	211.3	17.51	17.1	7.631	214.8	18.42	13.52	84.1	84.9	16.06	13.38	0	878	26.31	8.48	-0.019	13.45
5/11/2010 13:00	7033	11.07	223.6	23.77	22.47	8.68	226.6	23.92	18.89	86.7	87.7	13.54	10.62	0	995	26.31	8.46	-0.019	13.52
5/11/2010 14:00	7034	14.82	218.1	19.08	27.84	11.12	222	20.15	20.68	88.3	89.8	13.64	10.48	0	1047	26.3	8.43	-0.035	12.37
5/11/2010 15:00	7035	21.03	226.4	13.99	34.99	15.7	227.9	15.29	31.42	90	91.6	12.59	9.31	0	1042	26.27	8.39	-0.038	12.22
5/11/2010 16:00	7036	18.42	220.9	17.09	34.99	13.8	223.8	18.2	26.05	91.3	92.8	11.89	8.63	0	969	26.25	8.34	-0.051	12.42
5/11/2010 17:00	7037	22.13	218.6	13.13	36.78	16.09	220.7	15.4	27.84	92.2	93.5	10.67	7.393	0	841	26.21	8.3	-0.044	12.42
5/11/2010 18:00	7038	21.63	230.6	12.36	34.99	16.13	232	13.78	27.84	92.6	93.4	9.78	6.565	0	666.2	26.19	8.23	-0.063	12.38
5/11/2010 19:00	7039	21.04	220.3	11.13	34.99	15.15	222.4	13.32	29.63	92.5	93.1	9.17	5.986	0	455	26.17	8.18	-0.051	13.1
5/11/2010 20:00	7040	15.48	212.6	12.69	29.63	10.97	215.5	14.5	22.47	91.9	91.6	9.47	6.647	0	231.1	26.15	8.13	-0.051	12.54
5/11/2010 21:00	7041	8.64	195.4	9.02	13.52	4.64	191.7	19.07	9.95	86.7	84.3	12.38	11.21	0	35.38	26.13	8.1	-0.029	12.45
5/11/2010 22:00	7042	6.856	171.2	11.59	9.95	2.443	143.6	20.75	6.368	79.94	74.36	15.66	17.72	0	0.019	26.11	8.09	-0.011	12.48
5/11/2010 23:00	7043	6.5	190.5	39.36	22.47	3.251	113.8	52.55	15.31	76.83	71.34	17.79	20.63	0	0	26.09	8.08	-0.008	12.74
5/12/2010 0:00	7044	16.42	161.8	11.84	27.84	9.64	165.8	18.27	20.68	76.14	75.44	54.31	55.06	0	0	26.1	8.08	-0.007	12.67
5/12/2010 1:00	7045	14.79	182	9.92	45.73	9.01	186.8	15.72	34.99	74.07	73.53	71.68	74.53	0	0.002	26.12	8.07	-0.01	12.32
5/12/2010 2:00	7046	13.07	177.3	8.41	22.47	7.918	182.8	15.09	15.31	71.51	70.94	80	83.8	0	0.001	26.11	8.06	-0.005	12.68
5/12/2010 3:00	7047	12.59	179.9	9.96	20.68	7.68	186.2	15.72	15.31	70.21	69.67	87.5	92	0	0.001	26.1	8.06	-0.006	12.68
5/12/2010 4:00	7048	10.28	168.7	9.71	17.1	5.947	174.7	17.58	11.74	68.61	67.94	92.1	97.2	0	0	26.1	8.05	-0.009	12.33
5/12/2010 5:00	7049	7.987	168.2	8.41	13.52	4.357	172.6	16.94	9.95	66.65	65.83	96.6	99.4	0	0	26.1	8.05	0.001	12.69
5/12/2010 6:00	7050	5.243	196	13.95	11.74	2.204	201.3	20.19	8.16	64.85	63.55	99.7	99.4	0	0	26.1	8.04	-0.006	12.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/12/2010 7:00	7051	2.543	226.5	19.61	6.368	0.672	243.7	41.59	4.578	63.29	61.13	99.9	99.4	0	0.876	26.09	8.04	-0.003	12.25
5/12/2010 8:00	7052	3.469	269.9	17.44	6.368	1.305	312	8.73	4.578	63.13	60.64	99.9	99.4	0	71.5	26.09	8.03	-0.003	12.18
5/12/2010 9:00	7053	6.167	298.3	13.87	13.52	4.976	301.3	17.89	11.74	66.9	66.98	81.5	84.4	0	295.7	26.12	8.03	0	12.21
5/12/2010 10:00	7054	9.18	227.8	17.49	18.89	7.177	226.1	17.65	15.31	75.66	76.38	35.16	34.62	0	517.9	26.16	8.03	-0.003	13.01
5/12/2010 11:00	7055	11.01	243.3	12.49	17.1	8.81	240.8	14.49	15.31	80.5	81.1	18.5	16.56	0	712.4	26.2	8.02	-0.014	12.67
5/12/2010 12:00	7056	13.29	243.3	17.87	24.26	10.35	241.5	18.67	18.89	83.3	84.3	15	12.53	0	887	26.22	7.993	-0.026	13.63
5/12/2010 13:00	7057	17.6	231.1	15.31	27.84	13.43	231.2	16.22	22.47	85.2	86.5	11.42	8.54	0	1006	26.22	7.961	-0.032	12.22
5/12/2010 14:00	7058	20.87	237.1	12.63	36.78	16.03	237.4	13.63	33.21	86.5	87.8	9.34	6.261	0	1060	26.22	7.923	-0.038	12.82
5/12/2010 15:00	7059	19.45	234.6	13.97	33.21	14.86	235	15.07	29.63	88	89.4	9.28	6.066	0	1047	26.2	7.869	-0.054	12.74
5/12/2010 16:00	7060	19.26	233.5	15.53	34.99	14.66	234.2	16.31	29.63	89	90.3	8.73	5.518	0	979	26.19	7.828	-0.041	12.32
5/12/2010 17:00	7061	19.02	238.3	15.34	36.78	14.11	238.8	17.26	27.84	89.7	90.8	8.6	5.406	0	844	26.18	7.783	-0.044	12.5
5/12/2010 18:00	7062	18.39	261.1	19.01	34.99	11.01	260.4	26.9	24.26	89.2	90.6	9.02	5.755	0	662.4	26.17	7.739	-0.044	12.54
5/12/2010 19:00	7063	18.41	278.3	13.51	31.42	11.83	281.4	21.14	22.47	87	88.1	9.88	6.671	0	452.1	26.16	7.692	-0.048	12.56
5/12/2010 20:00	7064	15.95	277.8	15.36	31.42	9.86	281.6	22.66	27.84	85.7	86.1	10.78	7.866	0	223.9	26.16	7.657	-0.035	12.83
5/12/2010 21:00	7065	18.49	299.5	9.11	29.63	14.71	303.3	10.84	26.05	78.87	78.76	16.06	13.51	0	27.91	26.17	7.622	-0.034	12.59
5/12/2010 22:00	7066	12.66	293.8	7.966	26.05	9.72	296.3	11.57	18.89	73.96	73.68	18.67	16.52	0	0.013	26.18	7.595	-0.028	13.71
5/12/2010 23:00	7067	6.697	298.5	10.62	13.52	4.135	299.6	15.86	11.74	69.85	68.62	20.22	19.29	0	0	26.2	7.58	-0.015	12.47
5/13/2010 0:00	7068	6.127	334.7	21.39	9.95	3.605	340.3	21.75	8.16	67.67	64.91	17.63	18.37	0	0	26.2	7.569	-0.011	12.19
5/13/2010 1:00	7069	4.999	338.2	17.56	11.74	2.795	343.5	49.16	6.368	63.75	58.55	17.34	22.2	0	0	26.2	7.559	-0.009	12.81
5/13/2010 2:00	7070	5.682	322	14.64	9.95	2.846	324.3	28.28	8.16	61.07	55.14	18.86	24.3	0	0	26.19	7.544	-0.015	12.43
5/13/2010 3:00	7071	10.32	350.5	13.54	17.1	7.065	351.4	16.43	13.52	61.76	60.06	16.69	16.22	0	0	26.21	7.538	-0.006	12.58
5/13/2010 4:00	7072	9.36	4.77	17.36	20.68	6.365	4.038	18.47	20.68	60.75	59.36	18.57	17.82	0	0	26.23	7.528	-0.01	12.18
5/13/2010 5:00	7073	16.12	25.09	7.938	24.26	11.32	23.5	10.44	20.68	53.93	54.07	48.99	48.53	0	0	26.23	7.519	-0.009	12.49
5/13/2010 6:00	7074	14.81	17.12	9.71	22.47	11.25	18.99	10.51	18.89	50.66	50.95	73.05	74.65	0	0	26.23	7.511	-0.008	12.19
5/13/2010 7:00	7075	15.95	18.79	10.24	26.05	12.02	18.34	12.16	22.47	48.13	48.46	83.3	85.9	0	0.982	26.22	7.501	-0.009	12.47
5/13/2010 8:00	7076	12.3	6.468	14.98	26.05	9.18	4.646	17.5	20.68	46.92	47.47	85.8	88.4	0	86.5	26.24	7.492	-0.01	12.19
5/13/2010 9:00	7077	16.18	20.85	11.07	27.84	11.61	20.06	13.23	26.05	49.37	50.29	79.05	80.9	0	305.4	26.26	7.489	-0.003	12.23
5/13/2010 10:00	7078	15.69	27.39	12.96	24.26	10.54	26.72	14.8	22.47	52.64	53.95	72.38	73.04	0	531.9	26.31	7.484	-0.005	12.37
5/13/2010 11:00	7079	13.22	43.25	15.13	20.68	8.46	41.44	18.11	20.68	56.57	58.27	65.67	65.29	0	730.5	26.35	7.473	-0.01	12.66
5/13/2010 12:00	7080	13.11	38.07	14.39	20.68	8.31	35.23	16.89	18.89	61.02	62.79	59.05	58.03	0	894	26.39	7.466	-0.007	12.79
5/13/2010 13:00	7081	12.52	49.72	16.06	20.68	7.836	46.05	19.65	17.1	64.8	66.96	53.04	51.34	0	998	26.41	7.458	-0.008	12.69
5/13/2010 14:00	7082	10.47	61.34	23.67	18.89	7.043	58.83	28.07	17.1	69.35	71.67	45.99	43.89	0	1041	26.41	7.446	-0.013	13.89
5/13/2010 15:00	7083	8.88	66.46	28.16	18.89	6.26	64.19	34.41	13.52	73.24	75.47	38.6	36.39	0	1032	26.41	7.429	-0.017	12.27
5/13/2010 16:00	7084	8.3	79.63	29.25	17.1	5.952	74.02	37.55	13.52	76.77	78.66	31.92	29.68	0	962	26.4	7.413	-0.016	12.25
5/13/2010 17:00	7085	8.66	99	26.5	17.1	6.256	99.4	35.96	13.52	79.34	81.2	26.7	24.09	0	834	26.39	7.394	-0.019	12.54
5/13/2010 18:00	7086	10.65	90.2	21.2	22.47	7.268	87.1	28.73	15.31	79.8	81.7	28.93	26.48	0	654.2	26.38	7.365	-0.029	12.7
5/13/2010 19:00	7087	14.21	100.8	13.71	24.26	9.42	100.8	21.85	17.1	77.44	79.15	36.99	34.81	0	443.2	26.38	7.343	-0.022	12.86
5/13/2010 20:00	7088	14.2	98.2	11.93	22.47	9.29	98.8	20.11	17.1	75.06	75.7	43.59	42.65	0	224.9	26.38	7.318	-0.025	12.65
5/13/2010 21:00	7089	13.25	94.1	9.63	24.26	8.55	93.6	18.2	17.1	70.84	70.91	58.1	58.61	0	34.69	26.38	7.29	-0.028	12.68
5/13/2010 22:00	7090	12.98	83.5	7.825	20.68	7.887	81.8	17.66	15.31	66.73	66.63	72.38	74.63	0	0.006	26.38	7.266	-0.024	12.25
5/13/2010 23:00	7091	15.39	86.4	8.36	26.05	9.43	86.2	17.27	18.89	64.39	64.33	81	84	0	0	26.38	7.255	-0.011	12.63
5/14/2010 0:00	7092	16.64	87.4	8.7	27.84	10.26	87.4	17.85	20.68	63.22	63.42	84.5	87.4	0	0	26.39	7.242	-0.013	12.74
5/14/2010 1:00	7093	17.66	82.6	6.961	27.84	10.29	81.7	17.4	20.68	61.49	61.67	88.8	92.1	0	0	26.38	7.229	-0.013	12.66
5/14/2010 2:00	7094	16.4	83.3	7.386	26.05	9.69	83	17.41	18.89	60.35	60.44	92.1	95.8	0	0	26.37	7.217	-0.013	12.61
5/14/2010 3:00	7095	15.85	85.9	8.07	24.26	9.71	86.1	17.09	17.1	59.88	60.05	95.1	98.6	0	0	26.37	7.21	-0.006	12.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/14/2010 4:00	7096	14.77	88.2	8.89	24.26	9.32	87.1	17.41	18.89	59.61	59.98	96.6	99.3	0	0	26.36	7.204	-0.006	12.39
5/14/2010 5:00	7097	14.6	91.6	9.61	24.26	9.38	88.9	18.4	18.89	59.43	59.82	98.5	99.4	0	0	26.36	7.201	-0.003	12.7
5/14/2010 6:00	7098	14.3	88.5	9.03	22.47	8.89	85.8	17.67	15.31	59.09	59.49	99.9	99.4	0	0	26.37	7.198	-0.003	12.61
5/14/2010 7:00	7099	14.84	82.6	10.13	24.26	8.86	78.42	18.95	17.1	58.49	58.81	99.9	99.4	0	0.605	26.37	7.198	0	12.63
5/14/2010 8:00	7100	16.08	83	10.76	26.05	9.92	79.58	18.92	20.68	57.99	58.31	99.9	99.4	0	18.18	26.35	7.198	0	12.74
5/14/2010 9:00	7101	15.3	86.7	8.42	22.47	9.5	83.6	17.79	17.1	58.33	58.74	99.9	99.4	0	84.3	26.34	7.198	0	12.65
5/14/2010 10:00	7102	14	88.8	9.17	24.26	9.05	86.5	17.14	17.1	59.33	59.98	99.9	99.4	0	121.4	26.35	7.198	0	12.4
5/14/2010 11:00	7103	14.88	91.2	9.52	24.26	9.7	88.8	18.48	18.89	59.39	60.09	99.9	99.4	0	115.7	26.36	7.198	0	14.21
5/14/2010 12:00	7104	13.51	92.5	9.62	22.47	9.06	90.6	18.07	17.1	59.88	60.59	99.9	99.4	0	104.5	26.36	7.198	0	12.6
5/14/2010 13:00	7105	15.46	90.6	9.87	24.26	10.04	88.6	18.44	17.1	61.25	62.41	99.9	99.4	0	216.4	26.35	7.198	0	12.59
5/14/2010 14:00	7106	12.8	73.2	17.31	24.26	8.47	70.57	22.54	17.1	63.16	64.19	98.5	98.9	0	123.2	26.35	7.194	-0.003	12.19
5/14/2010 15:00	7107	16.24	65.22	13.96	27.84	10.16	62.57	18.8	18.89	60.69	61.42	99.3	99.4	0	26.24	26.32	7.191	-0.003	12.49
5/14/2010 16:00	7108	17.32	72.04	8.77	26.05	11.32	67.69	15.18	20.68	58.51	59.08	99.9	99.4	0	29.27	26.3	7.185	-0.006	12.82
5/14/2010 17:00	7109	16.29	53.85	16.11	26.05	9.85	50.68	18.17	18.89	58.63	59.25	99.9	99.4	0	46.36	26.26	7.185	0	12.24
5/14/2010 18:00	7110	20.54	37.22	11.39	38.57	11.98	35.59	11.94	24.26	58.62	59.2	98.3	99.3	0	68.64	26.26	7.179	-0.006	12.39
5/14/2010 19:00	7111	27.31	45.49	8.6	43.94	15.4	42.06	11.79	31.42	55.38	56.14	93.2	96.2	0	132.6	26.26	7.175	-0.003	12.17
5/14/2010 20:00	7112	24.68	46.08	8.57	36.78	14.02	42.3	11.83	29.63	55.55	56.27	86.7	89.6	0	185.6	26.28	7.172	-0.003	12.19
5/14/2010 21:00	7113	20.37	38.12	11.18	33.21	11.79	37.13	12.53	24.26	55.61	56.24	89.7	92.8	0	25.26	26.33	7.163	-0.01	12.35
5/14/2010 22:00	7114	21.45	47.15	8.82	34.99	11.88	43.58	12.54	26.05	54.19	54.6	91.5	95	0	0.001	26.31	7.157	-0.006	12.3
5/14/2010 23:00	7115	20.34	63.14	10.09	31.42	13.25	60.56	14.89	26.05	53.77	54.21	94.2	97.7	0	0	26.32	7.151	-0.006	12.52
5/15/2010 0:00	7116	19.29	67.01	8.52	29.63	12.8	64.86	14.37	26.05	53.52	54.03	97	99.3	0	0	26.33	7.145	-0.006	12.2
5/15/2010 1:00	7117	13.12	69.58	18.83	42.15	8.46	67.56	23.33	31.42	53.32	53.88	99.9	99.3	0.13	0.001	26.36	7.145	0	12.74
5/15/2010 2:00	7118	10.73	64.25	12.53	18.89	6.895	61.33	18.22	13.52	54.13	54.51	99.9	99.4	0.01	0	26.36	7.151	0.006	13
5/15/2010 3:00	7119	7.444	36.53	14.2	15.31	4.735	34.71	16.68	13.52	54.27	54.73	99.9	99.3	0	0	26.36	7.16	0.009	13.21
5/15/2010 4:00	7120	4.12	38.05	14.96	9.95	2.668	34.52	17.04	8.16	54.37	54.84	99.9	99.3	0	0	26.36	7.167	0.006	12.8
5/15/2010 5:00	7121	3.986	12.32	17.96	6.368	3.01	10.68	20.66	6.368	54.87	55.44	99.9	99.3	0	0	26.36	7.167	0	12.24
5/15/2010 6:00	7122	4.562	11.25	11.89	8.16	3.605	11.5	15.06	6.368	55.17	55.68	99.9	99.3	0	0	26.36	7.17	0.003	13
5/15/2010 7:00	7123	5.854	23.11	9.66	9.95	4.26	24.36	12.66	8.16	55.46	55.93	99.9	99.3	0	0.189	26.36	7.169	0	13.75
5/15/2010 8:00	7124	6.818	18.85	11.63	11.74	4.974	20.14	13.98	9.95	55.97	56.34	99.9	99.4	0	10.42	26.37	7.169	0	13.09
5/15/2010 9:00	7125	7.519	27.78	9.34	11.74	4.982	28.9	11.41	9.95	56.72	57.1	99.5	99.4	0	56.46	26.38	7.169	0	12.95
5/15/2010 10:00	7126	7.284	39.23	15.38	11.74	4.807	37.47	17.01	9.95	57.99	58.79	96.3	99.2	0	161.6	26.4	7.172	0.003	13.25
5/15/2010 11:00	7127	6.531	40.75	14.94	9.95	4.292	37.5	16.62	8.16	58.95	59.8	93.2	97.2	0	139	26.42	7.172	0	12.86
5/15/2010 12:00	7128	7.63	63.77	13.76	11.74	4.968	59.11	19.02	9.95	59.43	60.49	91.7	95.5	0	172.1	26.43	7.172	0	12.87
5/15/2010 13:00	7129	7.21	86.7	14.41	11.74	5.112	82.9	22.45	9.95	59.81	60.92	91.2	94.4	0	165.3	26.43	7.172	0	12.2
5/15/2010 14:00	7130	4.779	62.62	26	11.74	3.495	57.07	31.12	8.16	60.86	61.78	89.1	92.4	0	155	26.43	7.172	0	12.25
5/15/2010 15:00	7131	5.78	107.6	26.78	13.52	3.934	106.4	31.21	9.95	60.72	61.63	91.8	95	0	127.5	26.42	7.172	0	12.22
5/15/2010 16:00	7132	6.347	113.1	19.54	13.52	4.471	111.3	27.68	9.95	61.97	63.15	89.2	91.7	0	163	26.41	7.172	0	12.32
5/15/2010 17:00	7133	8.81	112.7	11.91	15.31	5.781	112.2	21.28	11.74	61.6	62.87	90.7	93	0	162.7	26.4	7.171	-0.001	12.21
5/15/2010 18:00	7134	9.04	110.5	12.06	15.31	6.165	109.4	20.51	13.52	61.56	62.79	91.3	93.5	0	165.5	26.39	7.172	0	12.83
5/15/2010 19:00	7135	8.23	90.9	12.28	13.52	5.81	87.7	20.02	9.95	61.79	62.87	90.7	93.2	0	142.6	26.38	7.172	0	13.1
5/15/2010 20:00	7136	9.32	96.1	12.85	13.52	6.497	93.3	20.26	11.74	62.59	63.5	88	90.7	0	162.2	26.37	7.171	-0.001	12.69
5/15/2010 21:00	7137	7.632	87	10.9	13.52	4.749	85.3	18.85	9.95	60.69	60.83	91.1	95.5	0	20.88	26.37	7.169	-0.002	12.48
5/15/2010 22:00	7138	6.573	97.9	10.23	11.74	4.064	97.4	16.62	8.16	58.5	58.29	96.7	99.2	0	0.001	26.37	7.169	0	12.17
5/15/2010 23:00	7139	5.398	104	12.24	9.95	3.224	102	20.56	8.16	57.08	56.98	99.9	99.3	0	0	26.38	7.169	0	12.45
5/16/2010 0:00	7140	7.551	131	12.5	11.74	4.692	131.6	20.55	9.95	57.99	58.28	99.9	99.4	0	0	26.4	7.169	0	12.31

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
5/16/2010 1:00	7141	5.089	137.1	11.99	9.95	2.683	132.7	23.6	6.368	57.13	57.04	99.9	99.3	0	0	26.4	7.169	0	12.16	
5/16/2010 2:00	7142	4.105	130.8	16.38	9.95	2.141	122.2	34.17	6.368	56.77	56.77	99.9	99.3	0	0	26.39	7.169	0	13.54	
5/16/2010 3:00	7143	2.972	98.6	35.78	6.368	1.348	30.05	19.33	4.578	56.27	56.15	99.9	99.3	0	0	26.38	7.169	0	12.39	
5/16/2010 4:00	7144	3.353	46.17	13.75	8.16	1.717	56.7	14.1	4.578	55.62	55.5	99.9	99.3	0	0	26.37	7.17	0	12.21	
5/16/2010 5:00	7145	5.453	64.26	19.39	9.95	3.309	62.91	22.79	6.368	54.93	55.16	99.9	99.3	0	0	26.36	7.17	0	12.24	
5/16/2010 6:00	7146	6.01	62.15	9.68	9.95	3.802	60.22	15.59	8.16	55.97	56.25	99.9	99.3	0	0	26.35	7.169	0	12.18	
5/16/2010 7:00	7147	4.991	79.82	12.56	8.16	3.211	75.96	18.99	6.368	56.02	56.32	99.9	99.3	0	0.837	26.35	7.169	0	12.22	
5/16/2010 8:00	7148	5.882	94	10.11	11.74	3.855	89.5	20.36	8.16	57.09	57.54	99.9	99.4	0	20.35	26.36	7.169	0	12.25	
5/16/2010 9:00	7149	8.44	103.8	14.29	13.52	5.511	100.1	21.81	11.74	58.52	59.15	99.9	99.4	0	66.49	26.38	7.169	0	12.18	
5/16/2010 10:00	7150	8.91	123.9	12.98	15.31	5.774	122.8	22.24	9.95	60.45	61.75	99.9	99.4	0	191	26.4	7.169	0	12.79	
5/16/2010 11:00	7151	9.08	150.5	22.86	15.31	6.159	152.5	28.67	11.74	64.85	66.6	97.5	95.3	0	477.9	26.43	7.167	-0.002	12.79	
5/16/2010 12:00	7152	6.476	191.5	33.8	15.31	5.017	196.9	39.9	11.74	69.13	70.54	84.9	85.1	0	471.3	26.46	7.17	0.003	12.33	
5/16/2010 13:00	7153	4.349	193.9	51.23	13.52	3.564	211.7	56.76	11.74	72.16	72.91	76.65	77.64	0	497.5	26.47	7.169	-0.001	12.46	
5/16/2010 14:00	7154	6.221	168.2	32.69	13.52	4.672	168.1	41.49	11.74	75.14	76.47	68.68	67.65	0	746.6	26.47	7.169	0	12.39	
5/16/2010 15:00	7155	7.707	169.5	31.8	20.68	5.701	177.6	39.11	18.89	77.87	79.51	63.37	61.1	0	878	26.46	7.169	0	12.4	
5/16/2010 16:00	7156	8.44	125.5	30.12	17.1	6.051	128.3	39.06	13.52	78.75	80.9	60.86	58.61	0	721.2	26.45	7.169	0	12.18	
5/16/2010 17:00	7157	8.18	135.9	34.83	17.1	5.862	137.6	43.82	13.52	80.9	82.5	53.03	50.9	0	752.5	26.43	7.169	0	14.4	
5/16/2010 18:00	7158	11.02	146.1	23.49	20.68	7.415	150.3	29.71	15.31	81.6	83.6	50.9	48.25	0	694	26.42	7.165	-0.003	12.5	
5/16/2010 19:00	7159	11.7	141.9	19.19	18.89	7.537	145.8	26.16	13.52	80.4	82.1	51.37	49.44	0	422.5	26.41	7.15	-0.016	12.23	
5/16/2010 20:00	7160	11.96	149.7	18.18	18.89	7.61	153.4	22.86	15.31	79.51	80	53.8	53.25	0	228.6	26.4	7.131	-0.019	12.78	
5/16/2010 21:00	7161	9.87	130.2	11.11	17.1	5.787	132.1	19.39	11.74	75.1	74.79	63.96	65.7	0	31.59	26.39	7.113	-0.018	12.5	
5/16/2010 22:00	7162	8.2	101.2	9.77	13.52	5.044	97.4	17.37	9.95	70.3	69.61	74.52	78.27	0	0.035	26.4	7.097	-0.016	12.29	
5/16/2010 23:00	7163	10.74	87.3	7.362	17.1	6.456	85.7	16.16	11.74	68.59	68.16	79.2	82.9	0	0.001	26.4	7.089	-0.008	13.29	
5/17/2010 0:00	7164	10.23	98.9	8.65	15.31	6.839	97.3	17.02	11.74	67.2	66.83	85.4	89.4	0	0	26.4	7.074	-0.015	14.12	
5/17/2010 1:00	7165	9.45	109.7	8.92	17.1	5.854	108.2	18.27	15.31	66.64	66.06	88.1	92.8	0	0	26.4	7.064	-0.009	12.75	
5/17/2010 2:00	7166	7.967	130.8	8.59	13.52	4.417	129.9	17.75	8.16	64.22	63.72	94.2	98.4	0	0	26.4	7.049	-0.016	12.41	
5/17/2010 3:00	7167	4.654	119.2	17.62	8.16	1.986	95.9	25.69	4.578	62.37	61.31	97.7	99.4	0	0	26.38	7.045	-0.003	12.21	
5/17/2010 4:00	7168	4.997	96.5	9.17	8.16	2.722	71.58	11.24	4.578	61.86	60.52	97.9	99.4	0	0	26.36	7.036	-0.01	12.21	
5/17/2010 5:00	7169	6.622	80.5	10.9	9.95	3.915	68.97	13.03	8.16	61.03	60.15	98.8	99.4	0	0	26.36	7.033	-0.003	12.61	
5/17/2010 6:00	7170	8.46	74.48	7.389	11.74	5.263	68.88	14.79	9.95	60.15	60.22	99.9	99.4	0	0	26.38	7.03	-0.003	12.22	
5/17/2010 7:00	7171	7.656	78.63	7.525	11.74	4.744	74.44	17.07	9.95	61.33	61.64	99.9	99.4	0	1.065	26.39	7.026	-0.003	12.17	
5/17/2010 8:00	7172	6.338	82.9	8.74	9.95	3.896	79.21	17.4	6.368	61.61	61.9	99.9	99.4	0	51.6	26.4	7.023	-0.003	12.47	
5/17/2010 9:00	7173	6.508	90.4	11.11	9.95	4.463	87.1	18.7	8.16	63	63.75	99.5	99.4	0	88.1	26.42	7.02	-0.003	12.22	
5/17/2010 10:00	7174	7.994	126.9	13.35	13.52	5.196	127.9	23.15	11.74	64.7	65.79	98.1	99.2	0	129.1	26.44	7.016	-0.004	12.24	
5/17/2010 11:00	7175	8.24	119.8	15.82	13.52	5.606	120.3	24.43	11.74	66.23	67.46	94.6	96.1	0	184.8	26.46	7.012	-0.004	12.22	
5/17/2010 12:00	7176	9.34	108.5	16.57	15.31	6.312	106.2	24.86	13.52	69.56	71.33	86.4	86.8	0	410.3	26.48	7.011	-0.001	12.24	
5/17/2010 13:00	7177	11.87	101.1	19.93	20.68	8.07	99.7	27.21	15.31	72.24	74.42	79.61	78.99	0	531.6	26.51	7.014	0.003	12.76	
5/17/2010 14:00	7178	14.34	79.29	15.83	24.26	9.65	76.32	22.42	20.68	74.42	77.2	75.35	73.81	0	776.4	26.5	7.013	-0.001	12.5	
5/17/2010 15:00	7179	16.76	80.5	15.81	27.84	11.04	78.28	22.66	24.26	75.75	78.68	71.83	69.83	0	926	26.49	7.013	0	12.61	
5/17/2010 16:00	7180	15.54	107.6	21.63	27.84	10.3	106.4	28.77	20.68	78.95	81.7	64.97	62.37	0	782.1	26.47	7.013	0	12.7	
5/17/2010 17:00	7181	16.94	119.2	14.67	31.42	10.87	119.4	23.15	22.47	79.22	81.5	63.72	61.36	0	656.2	26.44	6.997	-0.016	12.44	
5/17/2010 18:00	7182	17.19	117.1	14.97	27.84	11.02	117.3	22.58	20.68	77.23	78.45	67.44	67.19	0	216.2	26.41	6.982	-0.016	12.79	
5/17/2010 19:00	7183	16.26	114.9	10.21	26.05	10.09	115.1	19.34	22.47	73.28	73.62	74.6	76.5	0	9.49	26.41	6.961	-0.021	12.9	
5/17/2010 20:00	7184	14.77	141.2	10.2	26.05	8.96	144.7	17.12	20.68	70.17	70.46	78.4	81.2	0	2.522	26.44	6.942	-0.019	12.97	
5/17/2010 21:00	7185	6.941	147.6	61.14	15.31	4.37	129.9	81.5	15.31	67.45	66.32	82.6	94.1	0.01	1.032	26.41	6.924	-0.017	12.17	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/17/2010 22:00	7186	8.21	35.69	57.76	17.1	5.364	39.71	59.86	13.52	66.59	66.19	81.1	87.8	0	0	26.41	6.915	-0.009	12.67
5/17/2010 23:00	7187	10.43	24.86	23.41	20.68	7.166	22.64	23.28	17.1	66	66.11	85.7	90.5	0	0	26.41	6.906	-0.01	12.24
5/18/2010 0:00	7188	12.38	76.33	30.17	20.68	7.696	75.21	34.1	15.31	64.82	64.59	87.3	92.8	0	0	26.37	6.9	-0.006	12.21
5/18/2010 1:00	7189	9.66	130.5	9.65	17.1	5.533	132.8	19.36	11.74	62.09	61.73	91.5	97.2	0	0	26.34	6.896	-0.003	12.23
5/18/2010 2:00	7190	9.33	132.7	6.945	15.31	5.173	135.2	17.58	11.74	61.26	60.72	91	97.2	0	0	26.31	6.89	-0.006	12.29
5/18/2010 3:00	7191	4.365	140.3	16.12	8.16	1.371	120.9	29.72	4.578	59.05	57.89	94.3	99.3	0	0	26.28	6.887	-0.003	12.64
5/18/2010 4:00	7192	4.343	64.78	31.6	20.68	3.054	14.48	50.77	17.1	58.14	57.25	95.9	99.4	0	0	26.29	6.881	-0.005	12.31
5/18/2010 5:00	7193	10.3	50.33	10.58	17.1	5.972	48.91	15.45	11.74	57.15	57.34	99.3	99.4	0	0	26.31	6.875	-0.006	12.33
5/18/2010 6:00	7194	9.04	62.6	8.58	13.52	5.823	62.83	14.14	9.95	56.13	56.27	99.9	99.3	0	0	26.31	6.875	0	12.6
5/18/2010 7:00	7195	11.08	71.04	11.3	20.68	7.107	69.26	16.78	13.52	54.85	55.19	99.9	99.3	0	0.497	26.3	6.872	-0.003	12.42
5/18/2010 8:00	7196	12.03	87	8.63	18.89	7.703	85.8	17.06	13.52	55.41	55.96	99.9	99.4	0.01	42.64	26.3	6.868	-0.003	12.16
5/18/2010 9:00	7197	11.04	78.85	13.25	17.1	7.134	76.05	19.78	13.52	56.68	57.72	99.9	99.4	0	203.3	26.32	6.865	-0.004	12.22
5/18/2010 10:00	7198	10.34	85	15.8	15.31	7.002	81.5	22.33	11.74	60.75	63.39	99.3	95.2	0	471.9	26.34	6.865	0	12.69
5/18/2010 11:00	7199	10.31	136.3	22.48	18.89	6.908	140.1	29.42	15.31	67.44	69.72	79.68	78.53	0	626.2	26.36	6.866	0.001	12.54
5/18/2010 12:00	7200	11.44	145.2	16.8	22.47	7.316	147.1	25.6	17.1	70.59	73.19	72.34	70.6	0	783.2	26.38	6.865	-0.001	12.81
5/18/2010 13:00	7201	11.51	167	22.02	24.26	7.82	171.1	26.98	17.1	75.73	78.14	62.28	59.61	0	851	26.38	6.864	-0.001	12.5
5/18/2010 14:00	7202	10.51	171.3	23.15	18.89	7.12	174	28.05	13.52	79.7	81.9	54.46	51.55	0	859	26.36	6.864	0	12.23
5/18/2010 15:00	7203	10.16	194.6	21.42	18.89	7.44	198.5	22.99	15.31	81.8	83.8	50.74	47.85	0	817	26.35	6.858	-0.006	12.44
5/18/2010 16:00	7204	10.01	173.6	23.19	18.89	7.156	177.1	30.33	15.31	83.7	85.6	47.23	44.44	0	838	26.33	6.845	-0.013	12.73
5/18/2010 17:00	7205	10.03	176.3	24.17	22.47	7.031	180.4	29.9	17.1	86.1	87.7	42.26	39.47	0	743.8	26.31	6.83	-0.016	12.65
5/18/2010 18:00	7206	11.54	196.9	24.33	22.47	8.16	200.3	26.07	15.31	87.5	88.9	34.51	32.07	0	572.4	26.28	6.807	-0.022	12.68
5/18/2010 19:00	7207	11.14	176.5	16.09	18.89	7.244	180.3	21.65	15.31	87.2	87.9	31.12	29.37	0	318.2	26.26	6.788	-0.019	12.73
5/18/2010 20:00	7208	10.29	164	11.12	18.89	6.345	167.4	18.51	11.74	87.5	87.5	25.66	24.14	0	206.4	26.24	6.763	-0.025	13.62
5/18/2010 21:00	7209	11.62	137	9.14	22.47	6.862	140.9	17.34	15.31	82	81.4	44.82	44.79	0	22.05	26.22	6.741	-0.022	12.44
5/18/2010 22:00	7210	12.65	136.2	7.909	20.68	7.656	139.1	17.05	13.52	77.2	76.62	60.41	61.95	0	0.027	26.2	6.72	-0.021	12.63
5/18/2010 23:00	7211	9.62	149.7	10.49	17.1	5.49	151.2	16.69	13.52	74.1	73.38	66.72	69.39	0	0.001	26.2	6.698	-0.022	12.48
5/19/2010 0:00	7212	12.64	175.1	11.77	22.47	7.515	179.8	17.97	15.31	72.74	72.14	71.47	74.46	0	0.001	26.19	6.688	-0.009	13.29
5/19/2010 1:00	7213	14.35	179.9	9.58	24.26	8.87	183.9	15.68	17.1	70.53	70.19	78.6	81.7	0	0.001	26.18	6.676	-0.012	12.55
5/19/2010 2:00	7214	7.3	185.1	11.14	13.52	4.297	190.8	16.82	9.95	67.71	67.12	86	90.3	0	0	26.17	6.652	-0.025	12.54
5/19/2010 3:00	7215	7.562	187.3	9.86	11.74	4.397	192.7	15.89	9.95	65.69	64.87	91	96.4	0	0	26.15	6.633	-0.018	12.91
5/19/2010 4:00	7216	7.236	194.9	13.48	11.74	4.34	198.3	18.53	8.16	64.43	64.05	94.7	99.1	0	0	26.13	6.627	-0.006	12.39
5/19/2010 5:00	7217	6.53	194.6	16.95	11.74	4.044	197.5	21.34	8.16	63.12	62.81	98	99.4	0	0	26.13	6.617	-0.01	12.7
5/19/2010 6:00	7218	5.736	228.6	37.39	13.52	3.72	235.7	44.64	9.95	62.37	62	99.5	99.4	0	0	26.14	6.611	-0.006	12.8
5/19/2010 7:00	7219	5.111	257.1	17.83	15.31	3.106	260.3	33.02	11.74	61.46	60.67	99.7	99.4	0	0.957	26.15	6.605	-0.006	14.1
5/19/2010 8:00	7220	1.764	269.6	45.64	6.368	1.261	288.9	61.53	4.578	61.03	59.46	99.8	99.4	0	68.03	26.17	6.601	-0.003	14.36
5/19/2010 9:00	7221	3.605	288.3	42.15	8.16	3.059	270	22.73	6.368	65.96	66.52	86.8	89.6	0	278.4	26.19	6.598	-0.003	12.86
5/19/2010 10:00	7222	9.12	311.5	17.26	18.89	7.538	314	19.82	15.31	71.63	72.77	46.65	46.62	0	497	26.23	6.596	-0.002	12.78
5/19/2010 11:00	7223	12.22	313.3	12.05	22.47	10.3	315.5	13.66	18.89	75.07	76	34.33	33.08	0	697.3	26.26	6.596	0	13.81
5/19/2010 12:00	7224	12.36	310.4	16.97	20.68	10.34	314.1	19.06	18.89	78.54	79.63	28	26.1	0	865	26.27	6.589	-0.007	12.75
5/19/2010 13:00	7225	12.62	278.3	22.7	24.26	10.12	278.8	25.39	18.89	80.9	82.2	25.64	23.15	0	979	26.28	6.579	-0.01	12.77
5/19/2010 14:00	7226	13.78	272.5	20.5	24.26	11.06	271.3	24.12	22.47	82.4	83.8	24.22	21.46	0	1029	26.27	6.563	-0.016	12.65
5/19/2010 15:00	7227	14.21	266.4	20.17	29.63	11.25	265.5	22.71	24.26	84	85.4	22.78	19.84	0	1023	26.26	6.544	-0.019	12.67
5/19/2010 16:00	7228	14.83	270.9	17.76	26.05	11.66	269.8	20.76	22.47	85.5	87	20.57	17.53	0	956	26.24	6.519	-0.025	12.51
5/19/2010 17:00	7229	10.54	268.3	21.17	20.68	8.32	268.1	25.31	18.89	87.3	88.4	20.54	17.59	0	828	26.22	6.487	-0.032	12.54
5/19/2010 18:00	7230	10.64	232.6	19.73	24.26	8.22	233.3	24.97	20.68	88.4	89.2	18.81	15.9	0	659.2	26.2	6.462	-0.025	12.71

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/19/2010 19:00	7231	12.87	250.9	23.18	24.26	9.64	249.6	24.12	20.68	88.7	89.5	14.86	11.82	0	461.5	26.18	6.433	-0.029	12.82
5/19/2010 20:00	7232	13.91	258.9	16.13	26.05	10.07	257.8	18.34	20.68	87.9	87.9	14.94	12.27	0	241.5	26.18	6.402	-0.032	12.84
5/19/2010 21:00	7233	9.72	339.3	28.45	22.47	6.886	337.5	28.43	15.31	82.8	82.4	22.75	21.2	0	43.25	26.19	6.367	-0.035	12.9
5/19/2010 22:00	7234	9.53	346.4	8.91	13.52	6.4	346.1	12.27	11.74	78.38	77.07	25.87	25.32	0	0.076	26.19	6.346	-0.021	12.2
5/19/2010 23:00	7235	10.04	353.8	7.43	13.52	6.474	355.1	10.35	9.95	76.02	74.99	27.14	26.54	0	0.001	26.2	6.323	-0.022	12.82
5/20/2010 0:00	7236	7.312	359.2	6.218	11.74	4.132	4.357	21.61	8.16	73.49	71.78	28.76	29.54	0	0	26.2	6.312	-0.012	14.27
5/20/2010 1:00	7237	3.177	313	13.72	8.16	1.323	238.9	40.85	4.578	67.15	62.07	35.63	42.63	0	0	26.19	6.294	-0.018	12.84
5/20/2010 2:00	7238	6.893	351.2	9.76	13.52	3.737	3.923	19.08	8.16	71.9	67.38	28.34	32.74	0	0	26.16	6.278	-0.016	12.2
5/20/2010 3:00	7239	12.03	350.7	10.84	20.68	8.35	350.6	14.11	15.31	68.74	67.68	32.7	32.88	0	0	26.17	6.265	-0.013	12.75
5/20/2010 4:00	7240	12.93	6.49	7.278	18.89	8.76	2.967	10.28	15.31	66.09	65.56	38.94	38.87	0	0	26.18	6.256	-0.01	12.29
5/20/2010 5:00	7241	14.35	17.63	9.3	20.68	10.47	16.69	11.25	18.89	62.02	62.03	48.4	48.2	0	0	26.18	6.246	-0.01	12.25
5/20/2010 6:00	7242	13.65	24.08	7.836	20.68	9.67	23.01	10.42	17.1	58.6	58.6	60.35	60.96	0	0	26.18	6.234	-0.013	12.16
5/20/2010 7:00	7243	11.95	20.05	9.84	18.89	8.6	18.92	11.71	17.1	57.16	57.13	67.9	69.38	0	1.977	26.17	6.215	-0.018	13.84
5/20/2010 8:00	7244	4.293	345	8.79	9.95	3.241	334	20.46	6.368	57.73	57.77	70.24	72.37	0	95.3	26.19	6.205	-0.01	12.29
5/20/2010 9:00	7245	5.387	6.536	17.26	8.16	4.008	6.864	22.77	8.16	64.06	65.14	63.8	64.24	0	297.9	26.22	6.199	-0.007	12.2
5/20/2010 10:00	7246	5.606	46.05	18.34	9.95	3.853	42.15	21.33	8.16	69.26	70.73	56.63	56.13	0	510	26.27	6.191	-0.008	12.96
5/20/2010 11:00	7247	4.035	23.34	34.47	17.1	3.089	26.09	46.65	9.95	76.23	77.19	45.18	44.73	0	699.2	26.3	6.187	-0.004	12.9
5/20/2010 12:00	7248	5.807	326.8	36.94	13.52	4.777	331.2	40.94	11.74	80.8	81.5	33.42	32.09	0	869	26.33	6.18	-0.007	12.68
5/20/2010 13:00	7249	6.454	304.9	55.71	17.1	5.358	311.1	58.05	15.31	84.4	84.8	26.87	25	0	977	26.35	6.173	-0.006	14.17
5/20/2010 14:00	7250	8.69	307.4	51.12	18.89	6.634	310.5	53.43	17.1	86.8	87.9	21.87	19.37	0	1032	26.34	6.164	-0.01	13.62
5/20/2010 15:00	7251	11.7	272.8	28.95	22.47	8.1	272.1	37.06	20.68	87.7	89.3	18.2	14.97	0	1033	26.34	6.151	-0.013	12.45
5/20/2010 16:00	7252	11.45	284.4	29.1	22.47	8.63	287.7	33.1	18.89	88.3	89.6	17.5	14.36	0	964	26.33	6.129	-0.022	13.8
5/20/2010 17:00	7253	10.29	273.8	27.3	18.89	7.332	275.8	34.39	17.1	89.1	90.3	17.06	13.87	0	839	26.31	6.11	-0.019	12.46
5/20/2010 18:00	7254	7.371	270	34.41	18.89	5.17	274.3	41.82	17.1	89.7	90.6	16.76	13.69	0	666.5	26.31	6.085	-0.025	12.46
5/20/2010 19:00	7255	6.896	257.4	23.66	17.1	4.82	253.8	32.74	13.52	89.5	90.3	16.39	13.3	0	461.2	26.3	6.063	-0.022	13.07
5/20/2010 20:00	7256	5.03	253.8	16.73	13.52	3.301	248.1	24.69	9.95	88.9	88.5	16.56	14.29	0	240.8	26.3	6.034	-0.029	12.83
5/20/2010 21:00	7257	4.795	158	53.09	8.16	2.394	123	53.02	4.578	85.2	82.5	19.26	20.65	0	44.57	26.3	6.018	-0.016	14.18
5/20/2010 22:00	7258	8.22	119	6.56	9.95	3.139	105.4	14.42	4.578	77.74	72.19	24.91	28.95	0	0.087	26.28	5.994	-0.024	12.84
5/20/2010 23:00	7259	7.875	91.1	6.804	9.95	3.487	82.2	13.32	6.368	73.93	69.65	28.03	31.46	0	0.001	26.26	5.973	-0.022	12.61
5/21/2010 0:00	7260	8.01	90.7	4.721	9.95	3.516	84.1	13.73	6.368	70.75	66.54	30.57	34.42	0	0	26.25	5.961	-0.012	12.61
5/21/2010 1:00	7261	8.67	110.4	13.08	15.31	4.281	104.2	20.59	9.95	69.08	66.13	37.48	39.78	0	0	26.24	5.948	-0.013	12.35
5/21/2010 2:00	7262	10.14	95.1	8.54	15.31	6.465	94.3	17.08	11.74	65.49	64.92	56.84	57.74	0	0	26.25	5.936	-0.013	12.23
5/21/2010 3:00	7263	9.34	87.6	7.926	15.31	5.601	87.5	17.51	9.95	63.39	62.99	77.61	80.4	0	0	26.25	5.926	-0.01	12.25
5/21/2010 4:00	7264	7.834	93.5	7.975	11.74	4.808	91.9	16.4	8.16	62.58	62.05	85.6	89.5	0	0	26.25	5.917	-0.01	12.42
5/21/2010 5:00	7265	8.05	70.83	9.65	11.74	4.796	66.64	16.61	8.16	59.93	59.65	90.5	94.3	0	0	26.24	5.904	-0.013	12.45
5/21/2010 6:00	7266	7.771	56.2	7.743	11.74	4.644	56.41	14.73	8.16	57.92	57.69	93	96.9	0	0	26.24	5.895	-0.009	12.4
5/21/2010 7:00	7267	6.682	89	15.14	11.74	4.27	85.4	20.9	8.16	60.53	60.68	93.5	96.4	0	0.941	26.24	7.191	1.297	12.87
5/21/2010 8:00	7268	7.333	145.8	22.03	15.31	4.463	150.9	29.23	11.74	64.99	65.2	97.2	98.9	0	27.92	26.26	5.584	-1.608	12.21
5/21/2010 9:00	7269	13.41	164.7	10.15	22.47	8.23	168.8	17.32	17.1	69.05	69.65	94.9	96.9	0	146.3	26.3	9.43	3.851	12.23
5/21/2010 10:00	7270	16.14	169.1	11.35	26.05	10.06	173.5	18.15	17.1	73.02	74.38	84.7	84.8	0	445.9	26.33	9.43	-0.002	12.73
5/21/2010 11:00	7271	16.39	166.9	12.95	26.05	10.42	171.1	19.45	18.89	77.56	79.51	73.56	71.78	0	674.9	26.35	9.44	0.002	12.22
5/21/2010 12:00	7272	17.2	177.3	12.57	26.05	11.18	181.9	18.4	20.68	81	83.2	66.15	63.26	0	840	26.37	9.43	-0.001	12.72
5/21/2010 13:00	7273	17.12	184.1	13.93	27.84	11.41	187.5	19.42	20.68	84.7	87	57.18	53.73	0	951	26.38	9.43	0	12.46
5/21/2010 14:00	7274	15.88	182.1	13.82	26.05	10.59	186	19.66	18.89	88.5	90.8	48.76	44.99	0	1004	26.37	9.43	0	13.75
5/21/2010 15:00	7275	16.29	178.5	15.87	27.84	10.75	182	21.94	20.68	91.8	94.3	39.22	35.4	0	1002	26.35	9.43	0	12.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/21/2010 16:00	7276	15.27	167	16.17	27.84	9.9	169.7	23.29	20.68	94	96.3	28.66	25.07	0	916	26.34	9.42	-0.01	12.77
5/21/2010 17:00	7277	16.17	160.4	18.89	29.63	10.28	163.5	23.42	24.26	94.3	96.4	28.64	25.23	0	742.1	26.32	9.4	-0.028	12.5
5/21/2010 18:00	7278	16.75	147.5	16.12	29.63	10.45	150.9	22.02	22.47	93.1	94.9	32.6	29.61	0	593.3	26.29	9.37	-0.029	12.78
5/21/2010 19:00	7279	20.63	143.1	13.01	34.99	12.53	147.6	19.24	24.26	91.4	92.7	38.38	36.01	0	390.8	26.27	9.33	-0.041	13.78
5/21/2010 20:00	7280	21.29	143.5	10.51	33.21	12.83	149.1	17.47	24.26	87.6	88	47.34	46.24	0	204.3	26.26	9.29	-0.041	14.19
5/21/2010 21:00	7281	18.12	136.5	8.61	29.63	11.1	140.7	17.48	22.47	83.5	83.4	55.49	55.54	0	38.35	26.25	9.24	-0.044	13.04
5/21/2010 22:00	7282	11.83	135.8	10.41	18.89	6.946	138.6	18.56	13.52	79.46	78.94	62.39	64.01	0	0.1	26.23	9.21	-0.027	12.8
5/21/2010 23:00	7283	16.12	156.8	9.68	27.84	9.68	159.5	17.11	20.68	77.39	77.03	69.81	72.07	0	0.003	26.23	9.2	-0.009	12.26
5/22/2010 0:00	7284	16.81	173.1	11.84	31.42	10.15	176.7	17.94	20.68	74.75	74.51	76.23	78.95	0	0.002	26.23	9.19	-0.019	12.2
5/22/2010 1:00	7285	15.67	178.1	9.72	33.21	9.68	182.7	15.82	24.26	72.68	72.44	81.2	84.4	0	0.002	26.23	9.17	-0.012	14.2
5/22/2010 2:00	7286	10.89	189	18.34	20.68	6.82	193.1	21.24	13.52	71.05	70.7	86.3	90.1	0	0	26.21	9.17	-0.006	12.19
5/22/2010 3:00	7287	13.35	174.9	10.28	27.84	8.05	179.2	17.04	18.89	70.28	69.94	89.4	93.6	0	0	26.19	9.17	-0.003	12.28
5/22/2010 4:00	7288	14.48	175.7	9.88	24.26	8.9	179.7	16.7	18.89	69.36	69.21	95	98.5	0	0	26.19	9.16	-0.003	12.34
5/22/2010 5:00	7289	13.23	176.5	13.21	20.68	8.12	179.9	19.15	18.89	68.77	68.72	98.5	99.4	0	0	26.17	9.16	-0.006	12.43
5/22/2010 6:00	7290	9.45	187.4	10.08	17.1	5.937	190.7	15.91	13.52	68.18	68.07	99.9	99.4	0	0	26.17	9.15	-0.002	12.24
5/22/2010 7:00	7291	6.933	183.3	10.07	13.52	4.234	187.1	16.55	9.95	67.48	67.29	99.9	99.4	0	1.037	26.17	9.15	-0.003	12.2
5/22/2010 8:00	7292	10.69	176.1	9.39	17.1	6.675	179.5	16.31	11.74	68.36	68.48	99.8	99.5	0	53.37	26.19	9.15	-0.001	12.22
5/22/2010 9:00	7293	12.65	183.1	9.99	20.68	8.3	187.5	15.54	15.31	70.88	71.68	93.7	95.1	0	249.8	26.21	9.15	-0.002	12.27
5/22/2010 10:00	7294	15.6	189.6	12.09	24.26	10.52	193	16.96	18.89	75.06	76.38	82.1	82.2	0	479.4	26.24	9.15	0	12.5
5/22/2010 11:00	7295	14.96	206.5	13.64	22.47	10.64	207.8	16.6	17.1	79.35	80.8	67.87	66.66	0	670.4	26.26	9.14	-0.011	12.25
5/22/2010 12:00	7296	10.63	234.5	22.37	20.68	8.34	233.9	23.91	15.31	84.3	85.3	50.23	48.3	0	841	26.27	9.12	-0.013	12.6
5/22/2010 13:00	7297	9.66	231.1	25.34	18.89	7.522	231.5	29.02	15.31	88.7	89.7	37.97	35.53	0	951	26.27	9.11	-0.016	12.33
5/22/2010 14:00	7298	10.75	224.1	27.91	20.68	8.22	226.9	29.59	15.31	91.9	93.1	28.25	25.33	0	1000	26.26	9.09	-0.022	12.5
5/22/2010 15:00	7299	13.56	212.8	20.08	29.63	10.13	215.3	21.87	24.26	94	95.5	22.13	18.88	0	1000	26.25	9.05	-0.035	12.51
5/22/2010 16:00	7300	15.26	219.1	21.67	29.63	11.03	221.9	22.93	24.26	95.2	96.8	19.63	16.25	0	938	26.23	8.98	-0.07	12.53
5/22/2010 17:00	7301	14.03	218	18.39	27.84	10.2	221.3	19.99	20.68	96.4	97.8	19.17	15.84	0	816	26.21	8.95	-0.035	12.65
5/22/2010 18:00	7302	14.21	200.8	24.57	26.05	9.89	204.3	26.22	22.47	96.3	97.6	25.9	22.8	0	639.2	26.19	8.9	-0.048	12.68
5/22/2010 19:00	7303	18.77	156.1	14.22	31.42	11.38	160.8	20.67	24.26	91.6	93.3	49.62	46.99	0	422.9	26.18	8.86	-0.035	12.64
5/22/2010 20:00	7304	20.59	156.3	10.25	29.63	12.19	162	17.23	24.26	86.9	87.5	58.47	57.59	0	210.8	26.19	8.83	-0.032	12.91
5/22/2010 21:00	7305	19.02	150.2	9.54	31.42	11.23	155.7	17.21	26.05	81.1	81.3	68.43	69.41	0	37.57	26.19	8.79	-0.044	12.55
5/22/2010 22:00	7306	15.64	151.4	9.97	27.84	9.1	156.7	16.91	18.89	77.47	77.32	74.94	77.24	0	0.109	26.18	8.76	-0.024	12.38
5/22/2010 23:00	7307	12.08	162.2	10.53	20.68	7.21	167.6	17.39	13.52	74.86	74.6	80.5	83.5	0	0.001	26.18	8.75	-0.012	12.32
5/23/2010 0:00	7308	10.11	168.8	10.32	17.1	5.964	174.4	17.26	13.52	72.99	72.67	85.7	89.3	0	0	26.19	8.74	-0.016	12.29
5/23/2010 1:00	7309	9.13	172.6	11.3	15.31	5.498	177.6	17.55	11.74	72.12	71.68	87.1	91.3	0	0	26.19	8.73	-0.005	12.62
5/23/2010 2:00	7310	6.738	174.7	9.94	11.74	3.683	178.7	16.97	8.16	70.71	70	88.8	93.8	0	0	26.18	8.72	-0.006	14.18
5/23/2010 3:00	7311	7.036	168.9	6.557	9.95	3.482	175.4	14.99	6.368	69.54	68.59	90.6	96.5	0	0	26.16	8.71	-0.012	12.7
5/23/2010 4:00	7312	10.48	169.2	7.633	20.68	6.023	175.1	15.37	15.31	70.86	70.61	89.9	94.5	0	0	26.15	8.71	0	12.79
5/23/2010 5:00	7313	16.04	167	10.03	26.05	9.51	173.3	17.61	18.89	71.91	72.13	90.2	93.5	0	0	26.15	8.71	-0.005	12.64
5/23/2010 6:00	7314	12.69	168.8	10.34	22.47	7.709	173.8	17.82	17.1	71.73	72.02	90.9	94.1	0	0	26.17	8.7	-0.004	12.78
5/23/2010 7:00	7315	13.11	162.4	9.48	22.47	7.802	167.9	17.5	15.31	71.21	71.52	92.8	96	0	0.855	26.17	8.7	-0.003	12.84
5/23/2010 8:00	7316	14.04	162	10.02	24.26	8.4	167	17.31	17.1	71.17	71.56	92.9	96	0	23.76	26.19	8.7	-0.003	12.75
5/23/2010 9:00	7317	15.83	165.6	10.55	26.05	9.55	171.9	17.7	18.89	71.65	72.27	91.4	93.9	0	84.7	26.21	8.69	-0.004	12.86
5/23/2010 10:00	7318	16.32	175.3	10.21	26.05	10.18	181.2	16.54	18.89	73.52	74.34	86.1	87.9	0	167.8	26.22	8.69	-0.003	13.48
5/23/2010 11:00	7319	16.04	165.2	11.15	26.05	9.83	170.8	17.85	20.68	75.53	76.8	81.8	82.4	0	267.1	26.24	8.68	-0.006	12.31
5/23/2010 12:00	7320	16.41	173.8	10.74	29.63	10.42	180.1	16.8	20.68	77.68	79.07	76.61	76.55	0	456.4	26.25	8.68	-0.01	12.8

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/23/2010 13:00	7321	16.47	175.3	15.55	29.63	10.6	180.9	20.38	22.47	82	84.4	66.96	64.03	0	850	26.26	8.66	-0.014	12.73
5/23/2010 14:00	7322	14.25	168.1	17.56	26.05	9.45	174.2	23.76	18.89	84.6	87.1	61.02	57.42	0	933	26.26	8.65	-0.01	12.79
5/23/2010 15:00	7323	14.67	166	19.37	22.47	9.76	170.2	24.79	18.89	86.5	89	55.75	51.94	0	943	26.26	8.63	-0.019	12.64
5/23/2010 16:00	7324	16.21	167	16.28	29.63	10.45	170.4	21.56	22.47	87.5	89.9	53.64	49.89	0	864	26.25	8.61	-0.025	12.62
5/23/2010 17:00	7325	18.73	151.5	15.44	33.21	11.7	154.8	21.18	24.26	87	89.5	57.65	54.06	0	749.3	26.23	8.58	-0.025	12.86
5/23/2010 18:00	7326	19.35	147.3	12.7	31.42	11.91	150.8	19.78	22.47	86.5	88.6	57.05	54.28	0	557.8	26.21	8.55	-0.035	12.79
5/23/2010 19:00	7327	20.52	151.1	10.44	31.42	12.33	154.6	17.73	22.47	85.4	86.6	57.16	55.61	0	289.6	26.21	8.48	-0.063	12.99
5/23/2010 20:00	7328	22.78	140.4	10.78	40.36	13.87	144.7	17.95	31.42	82	82.5	62.61	62.49	0	182.4	26.17	8.47	-0.016	13.08
5/23/2010 21:00	7329	20.67	148.3	11.45	34.99	12.32	152.1	17.65	24.26	78.95	79.08	66.8	67.91	0	39.22	26.17	8.43	-0.034	14.19
5/23/2010 22:00	7330	14.67	158.9	9.29	26.05	8.82	162.1	16.6	18.89	75.75	75.68	73.35	75.71	0	0.1	26.17	8.41	-0.022	14.2
5/23/2010 23:00	7331	14.62	146.1	9.93	27.84	8.87	149.3	16.85	18.89	74.23	74.09	77.21	80.1	0	0.001	26.17	8.4	-0.013	12.24
5/24/2010 0:00	7332	10.18	147.9	11.32	20.68	5.939	151.6	18.53	15.31	72.59	72.33	80.8	84.3	0	0.001	26.16	8.38	-0.015	12.3
5/24/2010 1:00	7333	11.53	157.6	12.1	27.84	6.622	159.3	19.65	20.68	71.74	71.52	82	85.7	0	0	26.16	8.38	-0.002	12.32
5/24/2010 2:00	7334	19.9	158.4	9.85	33.21	11.57	161	16.64	24.26	73.83	74.01	80.3	82.9	0	0.001	26.15	8.38	-0.004	12.36
5/24/2010 3:00	7335	19.8	161.6	9.93	31.42	11.75	165.2	16.25	22.47	72.97	73.22	82.4	85	0	0.001	26.14	8.37	-0.007	14.09
5/24/2010 4:00	7336	19.25	174.2	13.29	34.99	11.64	178.8	18.78	24.26	72.87	73.17	85.1	87.8	0	0.001	26.15	8.36	-0.009	12.24
5/24/2010 5:00	7337	18.6	169.7	9.9	27.84	11.19	174.4	16.81	20.68	72.21	72.47	87.5	90.6	0	0.001	26.15	8.36	-0.003	12.21
5/24/2010 6:00	7338	15.46	173.2	10.41	27.84	9.53	178.2	16.97	20.68	71.13	71.41	90.4	93.6	0	0.001	26.16	8.35	-0.009	12.48
5/24/2010 7:00	7339	11.23	182.4	9.59	20.68	7.124	187.8	16.19	13.52	70.21	70.52	93	96.2	0	1.909	26.17	8.34	-0.009	12.78
5/24/2010 8:00	7340	9	179.8	9.64	15.31	5.715	184.7	16.08	11.74	69.26	69.46	95.4	98.4	0	69.61	26.18	8.33	-0.006	14.38
5/24/2010 9:00	7341	14.28	187.1	9.77	22.47	9.33	191.3	15.36	17.1	72.56	73.59	84.9	86.1	0	271.2	26.21	8.33	-0.001	12.82
5/24/2010 10:00	7342	15.53	211.5	15.08	22.47	10.93	212.9	16.48	18.89	76.86	78.1	58.72	58.14	0	489.9	26.25	8.32	-0.01	12.69
5/24/2010 11:00	7343	13.75	225.2	14.88	22.47	10.03	225.1	16.35	18.89	80.3	81.5	32.63	30.79	0	689.7	26.28	8.3	-0.02	12.73
5/24/2010 12:00	7344	11.73	219.2	20.93	20.68	8.75	219.9	21.77	17.1	83.1	84.3	23.88	21.32	0	859	26.29	8.28	-0.025	12.53
5/24/2010 13:00	7345	14.99	211.6	17.4	27.84	10.95	213	19.26	20.68	85.7	87.2	20.13	17.12	0	966	26.31	8.24	-0.038	12.6
5/24/2010 14:00	7346	15.09	208.6	17.49	26.05	10.98	211.3	19.19	20.68	87.4	89.2	16.89	13.59	0	1036	26.3	8.2	-0.038	12.58
5/24/2010 15:00	7347	14.88	207.8	17.45	27.84	10.82	211.5	20.34	24.26	88.4	90.3	16.39	12.95	0	1028	26.3	8.16	-0.038	12.62
5/24/2010 16:00	7348	14.03	202.4	22.17	29.63	9.98	207.6	24.74	22.47	89.5	91.3	16.78	13.29	0	964	26.29	8.13	-0.035	12.6
5/24/2010 17:00	7349	12.74	184	23.61	26.05	8.87	190.2	27.7	18.89	89.8	91.6	16.84	13.34	0	840	26.27	8.09	-0.041	14.13
5/24/2010 18:00	7350	14.01	206.1	19.48	26.05	10.06	210.1	20.85	22.47	89.9	91.3	16.65	13.36	0	667.7	26.25	8.05	-0.041	12.56
5/24/2010 19:00	7351	11.28	211.9	21.31	20.68	8.21	216.3	22.75	17.1	89.7	90.7	16.85	13.77	0	467	26.25	7.989	-0.057	14.33
5/24/2010 20:00	7352	10.39	203.1	41.13	26.05	7	207.6	40.78	18.89	88.5	88.5	24.33	21.89	0	250.7	26.25	7.964	-0.025	12.88
5/24/2010 21:00	7353	16.46	141.4	9.03	26.05	10	146.4	16.77	20.68	80.6	80.9	64.52	64.74	0	48.81	26.26	7.942	-0.022	12.74
5/24/2010 22:00	7354	7.521	166.6	16.72	17.1	4.541	173.1	22.71	13.52	76.38	75.99	73.59	76	0	0.153	26.26	7.93	-0.011	14.17
5/24/2010 23:00	7355	7.776	160.3	10.52	15.31	4.27	164	17.64	9.95	73.7	73.11	78.96	82.4	0	0	26.27	7.921	-0.009	12.72
5/25/2010 0:00	7356	5.911	155.5	14.37	8.16	2.345	156	24.02	6.368	69.96	68.46	83.8	89.2	0	0	26.26	7.913	-0.008	12.77
5/25/2010 1:00	7357	6.42	146.2	10.1	11.74	2.952	145.3	17.11	8.16	67.46	66.17	90.5	96.3	0	0	26.25	7.908	-0.005	12.72
5/25/2010 2:00	7358	8.09	132.6	10.21	15.31	4.767	134.8	19.38	9.95	67.78	67.5	95	99.1	0	0	26.24	7.905	-0.003	12.63
5/25/2010 3:00	7359	5.941	136.9	10.51	11.74	2.954	136.3	17.73	8.16	66.76	66.3	98.3	99.4	0	0	26.22	7.901	-0.003	12.69
5/25/2010 4:00	7360	6.472	124.1	9.82	11.74	3.562	121.2	19.39	8.16	65.49	64.99	99.9	99.4	0	0	26.21	7.901	0	12.7
5/25/2010 5:00	7361	4.812	123.5	12.64	9.95	2.901	123.1	21.02	8.16	66.13	66.18	99.9	99.4	0	0	26.21	7.898	-0.003	12.73
5/25/2010 6:00	7362	4.482	117.4	9.68	8.16	1.657	118.8	14.36	6.368	65.62	65.43	99.9	99.4	0	0	26.23	7.895	-0.003	12.83
5/25/2010 7:00	7363	4.461	110	14.88	8.16	2.163	112.7	19.19	6.368	64.81	64.92	99.9	99.4	0	0.924	26.25	7.895	0	12.82
5/25/2010 8:00	7364	5.091	168.9	20.41	9.95	3.403	174.2	25.86	8.16	64.84	65.3	97.9	99.4	0	15.95	26.27	7.895	0	12.84
5/25/2010 9:00	7365	4.225	170.2	19.19	6.368	3.038	175.3	24.32	6.368	65.72	66.53	98.5	99.2	0	92.1	26.29	7.892	-0.003	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/25/2010 10:00	7366	7.736	135.7	17.14	15.31	5.358	139.7	27.01	11.74	69.79	71.61	88.9	88.8	0	353.5	26.31	7.887	-0.005	12.23
5/25/2010 11:00	7367	9.65	147.4	16.87	17.1	6.576	152.5	23.6	15.31	72.72	74.83	81	79.63	0	447.3	26.35	7.886	0	12.25
5/25/2010 12:00	7368	9.84	124	19.77	18.89	6.606	126.4	28.94	15.31	74.13	76.21	78.19	76.94	0	428.8	26.37	7.883	-0.004	12.29
5/25/2010 13:00	7369	10.75	128.6	20.97	20.68	7.338	129.1	29.42	15.31	76.1	78.36	73.64	71.8	0	523.5	26.38	7.875	-0.007	12.44
5/25/2010 14:00	7370	14.1	123.3	16.5	22.47	9.08	125.5	24.25	17.1	76.36	78.95	72.83	70.47	0	578.2	26.39	7.863	-0.013	12.46
5/25/2010 15:00	7371	15.57	118.8	15.86	27.84	10.11	121.3	25.02	18.89	77.4	80.2	70.7	67.96	0	723.8	26.38	7.85	-0.013	12.2
5/25/2010 16:00	7372	14.85	113.2	18.94	26.05	9.79	113.2	26.78	22.47	79.4	82.1	67.83	65.03	0	745	26.38	7.831	-0.019	12.45
5/25/2010 17:00	7373	15.51	118.2	14.16	27.84	10.15	117.7	23.34	20.68	81.2	83.6	63.53	61.01	0	640.8	26.36	7.815	-0.016	12.23
5/25/2010 18:00	7374	16.22	127.7	12.63	27.84	10.18	129.1	21.61	22.47	83.2	85.3	58.38	55.81	0	571.8	26.35	7.793	-0.022	12.68
5/25/2010 19:00	7375	18.15	133.9	12.53	27.84	11.24	136.4	20.8	22.47	83.2	84.6	56.3	54.6	0	342.5	26.33	7.771	-0.022	14.17
5/25/2010 20:00	7376	17.32	136.7	9.79	29.63	10.45	141.2	18.32	24.26	80.7	80.8	59.13	59.35	0	23.95	26.32	7.742	-0.029	13.85
5/25/2010 21:00	7377	15.4	136.9	12.29	34.99	9.4	140.4	20.03	26.05	79.05	79.04	64.63	65.65	0	11.64	26.32	7.718	-0.024	12.86
5/25/2010 22:00	7378	11.31	124.8	12.46	24.26	6.947	127.5	21.13	18.89	76.25	75.98	70.78	73.02	0	0.162	26.31	7.699	-0.019	13.34
5/25/2010 23:00	7379	8.77	102.7	9.45	15.31	5.595	102.6	18.45	9.95	74.33	73.93	72.8	75.75	0	0.002	26.34	7.683	-0.016	12.19
5/26/2010 0:00	7380	9.74	113.7	8.54	15.31	5.855	114.9	19.06	11.74	73.6	73.18	74.47	77.57	0	0.001	26.35	7.677	-0.006	12.17
5/26/2010 1:00	7381	11.77	126.8	9.34	18.89	6.901	129.5	19.13	13.52	71.46	71.18	81.7	85.2	0	0	26.34	7.668	-0.009	12.17
5/26/2010 2:00	7382	9.04	124.6	9.26	15.31	5.302	125.4	18.98	9.95	69.32	68.99	89.4	93.6	0	0	26.34	7.663	-0.006	12.77
5/26/2010 3:00	7383	10.29	138	10.78	18.89	6.063	141.1	19.4	11.74	67.71	67.42	90.2	94.6	0	0	26.34	7.657	-0.005	12.26
5/26/2010 4:00	7384	9.38	131.4	15.6	18.89	5.858	135.7	22.06	15.31	68.09	68.34	89.7	92.9	0	0	26.34	7.654	-0.004	12.59
5/26/2010 5:00	7385	9.87	75.52	11.9	17.1	6.53	73.25	18.43	13.52	66.98	67.59	88.6	91.4	0	0	26.35	7.65	-0.003	12.76
5/26/2010 6:00	7386	11.78	76.18	9.37	18.89	7.503	73.96	18.03	13.52	66.02	66.66	90.6	93.5	0	0	26.37	7.648	-0.003	12.67
5/26/2010 7:00	7387	10.75	87.2	8.97	18.89	6.948	86.4	18.14	13.52	65.82	66.41	92.1	95.1	0	0.64	26.37	7.645	-0.003	12.19
5/26/2010 8:00	7388	10.4	77.87	12.94	15.31	6.848	75.54	20.05	13.52	65.83	66.53	93.7	96.6	0	20	26.39	7.641	-0.003	14.14
5/26/2010 9:00	7389	12.04	80.9	10.54	17.1	7.569	79.72	18.7	13.52	66.57	67.5	92.1	94.5	0	82.2	26.41	7.638	-0.003	12.67
5/26/2010 10:00	7390	11	106.3	15.47	17.1	7.05	106.5	23.6	13.52	67.26	68.13	90.5	92.7	0	77.97	26.43	7.634	-0.004	14.14
5/26/2010 11:00	7391	12.68	123.5	13.7	20.68	7.95	126.4	22.71	17.1	68.28	69.66	89.1	90.1	0	280.8	26.45	7.63	-0.004	12.72
5/26/2010 12:00	7392	14.1	147.6	15.63	22.47	8.93	151.9	21.86	17.1	70.66	73.43	83.5	81	0	612	26.47	7.629	-0.001	13.28
5/26/2010 13:00	7393	14.55	156.7	14.29	24.26	9.27	159.6	21.14	18.89	72.68	75.68	79.08	75.69	0	789.1	26.49	7.625	-0.004	12.22
5/26/2010 14:00	7394	13.65	159.2	16.2	22.47	9.05	162.8	23.1	17.1	76.27	79.09	70.74	67.18	0	946	26.48	7.615	-0.01	12.38
5/26/2010 15:00	7395	14.08	150.4	16.68	26.05	9.18	151.5	23.76	18.89	80	83.2	61.69	57.39	0	995	26.47	7.606	-0.01	12.83
5/26/2010 16:00	7396	15.14	152.4	17.56	27.84	9.77	155.2	23.51	20.68	82	85.1	58.11	54.02	0	854	26.46	7.587	-0.019	12.85
5/26/2010 17:00	7397	13.89	153.6	17.44	22.47	8.95	158.1	24.41	17.1	83.9	86.7	55.49	51.39	0	775.3	26.44	7.562	-0.025	12.89
5/26/2010 18:00	7398	13.42	156.9	18.2	20.68	8.65	159.6	23.9	15.31	84.1	86.4	53.24	49.83	0	653.5	26.43	7.536	-0.025	14.25
5/26/2010 19:00	7399	13.33	152	17.3	22.47	8.48	155.3	24.16	17.1	84.6	86.6	51.81	48.94	0	492.5	26.42	7.495	-0.041	12.74
5/26/2010 20:00	7400	13.32	143	11.66	20.68	8.26	145.5	19.92	17.1	83.3	83.9	52.41	51.27	0	231.6	26.42	7.466	-0.029	12.73
5/26/2010 21:00	7401	9.15	140.5	8.27	17.1	5.4	142.7	16.75	13.52	80.6	80.4	54.83	55.23	0	31.55	26.42	7.445	-0.022	13.74
5/26/2010 22:00	7402	7.656	132	7.57	11.74	4.179	129.4	17.53	8.16	76.64	75.7	61.74	64.01	0	0.119	26.41	7.427	-0.018	12.28
5/26/2010 23:00	7403	9.53	110.5	15.24	20.68	5.633	108.7	21.86	15.31	74.1	73.53	66.5	68.89	0	0.001	26.41	7.417	-0.009	12.42
5/27/2010 0:00	7404	10.22	101.4	9.82	17.1	6.705	99.7	19	15.31	71.23	71.12	77.31	79.9	0	0.002	26.43	7.405	-0.012	12.68
5/27/2010 1:00	7405	8.52	106.9	9.19	24.26	5.502	105	19.2	13.52	68.91	68.72	83.5	86.9	0	0	26.43	7.399	-0.006	12.21
5/27/2010 2:00	7406	6.967	107.2	9.55	11.74	4.324	104.1	18.71	8.16	67.14	66.8	87.4	91.5	0	0	26.42	7.391	-0.008	12.47
5/27/2010 3:00	7407	6.001	108.9	7.284	9.95	3.391	103.2	17.06	6.368	65.9	65.31	89.1	94	0	0	26.41	7.381	-0.009	12.21
5/27/2010 4:00	7408	5.675	122.7	16.86	9.95	2.738	115.3	21.98	4.578	64.74	63.71	91.4	97.1	0	0	26.4	7.378	-0.003	12.58
5/27/2010 5:00	7409	5.259	130.5	7.334	8.16	2.155	107.2	15.53	4.578	64.14	62.76	94.9	99.4	0	0	26.39	7.375	-0.003	12.42
5/27/2010 6:00	7410	6.176	98.4	10.71	9.95	3.337	88.3	14.2	6.368	62.7	61.7	98.6	99.4	0	0	26.39	7.372	-0.003	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/27/2010 7:00	7411	6.281	98	5.653	9.95	3.548	84.1	13.81	6.368	62.16	61.36	99.6	99.4	0	2.744	26.39	7.369	-0.003	12.19
5/27/2010 8:00	7412	7.357	92.9	10.3	11.74	4.658	87.9	19.19	8.16	63.08	63.24	98.6	99.3	0	90.9	26.41	7.366	-0.003	12.25
5/27/2010 9:00	7413	9.86	142.9	20.15	17.1	6.434	143.8	27.43	13.52	68.12	69.58	92.5	93.3	0	271.5	26.45	7.361	-0.005	12.18
5/27/2010 10:00	7414	10.49	162.6	12.63	18.89	6.849	165.2	20.42	13.52	71.32	73.49	86	84.7	0	463.9	26.48	7.36	-0.001	12.52
5/27/2010 11:00	7415	9.84	173.4	16.33	18.89	6.823	175.2	22.97	15.31	75.8	77.94	75.13	73.05	0	669	26.5	7.359	-0.001	12.78
5/27/2010 12:00	7416	9.94	163.1	19.88	18.89	6.899	164.9	27.86	13.52	80.5	82.8	62.02	58.88	0	837	26.51	7.356	-0.004	12.43
5/27/2010 13:00	7417	11.29	148	20.2	22.47	7.559	149.5	29.14	17.1	83.7	86.3	54.66	51.03	0	934	26.52	7.346	-0.01	13.47
5/27/2010 14:00	7418	11.87	138.3	22.54	22.47	8.05	139.8	32.35	17.1	85	87.9	51.6	47.65	0	902	26.52	7.333	-0.013	12.21
5/27/2010 15:00	7419	11.46	147.2	22.59	22.47	7.638	150	30.18	17.1	86.5	89.3	48.98	45.03	0	940	26.5	7.302	-0.032	12.47
5/27/2010 16:00	7420	12	129.3	22.04	26.05	8.15	129.6	31.3	18.89	87	89.7	45.96	42.34	0	821	26.49	7.273	-0.029	12.4
5/27/2010 17:00	7421	11.69	126.8	21.26	22.47	7.988	127.8	29.78	17.1	87.3	89.5	44.85	41.84	0	632.9	26.47	7.248	-0.025	12.62
5/27/2010 18:00	7422	12.9	129.9	17.09	20.68	8.26	133	26.41	17.1	86.7	88.6	44.57	41.93	0	441	26.46	7.194	-0.054	12.48
5/27/2010 19:00	7423	13.51	125.5	14.98	24.26	8.59	127.4	23.5	18.89	86.4	87.9	44.01	41.89	0	412	26.44	7.165	-0.029	12.7
5/27/2010 20:00	7424	12.9	126.6	14.61	20.68	8.03	127.9	24.14	15.31	85.7	86.3	42.62	41.38	0	233.7	26.44	7.134	-0.032	12.45
5/27/2010 21:00	7425	10.81	124.8	8.61	17.1	6.48	125.4	18.98	13.52	82.3	82	47.36	47.31	0	22.25	26.45	7.108	-0.025	12.21
5/27/2010 22:00	7426	8.94	114.6	6.587	13.52	5.237	113.6	18.21	9.95	78.33	77.58	52.86	53.96	0	0.093	26.44	7.091	-0.018	12.52
5/27/2010 23:00	7427	10.73	114.1	6.925	17.1	6.459	112.9	18.54	11.74	76.02	75.64	56.99	58.18	0	0.002	26.44	7.075	-0.015	14.46
5/28/2010 0:00	7428	11.61	115.9	6.836	18.89	7.027	115.3	19.08	13.52	74.23	74	62.04	63.65	0	0.003	26.44	7.059	-0.016	12.2
5/28/2010 1:00	7429	11.14	121.2	6.933	31.42	6.631	121	18.27	11.74	72.34	72.1	65.2	67.33	0	0	26.43	7.047	-0.012	13.52
5/28/2010 2:00	7430	9.67	133.9	7.16	15.31	5.647	134	18.83	11.74	70.18	69.84	68.26	71.01	0	0.001	26.42	7.038	-0.009	12.39
5/28/2010 3:00	7431	7.39	147.7	6.164	11.74	3.972	145	16.61	8.16	67.88	67.35	71.58	75.04	0	0	26.41	7.029	-0.009	13.62
5/28/2010 4:00	7432	5.853	145.2	3.192	8.16	2.104	129.1	11.32	4.578	65.14	63.64	76.89	82.7	0	0	26.39	7.02	-0.009	12.68
5/28/2010 5:00	7433	3.92	152.3	0.544	6.368	0.814	125.9	5.633	2.789	63.82	62.15	81.1	87.3	0	0	26.37	7.014	-0.006	12.18
5/28/2010 6:00	7434	5.306	162.9	4.761	8.16	1.294	162.3	11.8	4.578	63.23	61.22	87	94.4	0	0	26.36	7.001	-0.013	12.57
5/28/2010 7:00	7435	4.274	175.9	0.437	6.368	0.545	170.9	6.66	2.789	62.52	60.5	89.9	98	0	2.814	26.36	6.995	-0.006	12.84
5/28/2010 8:00	7436	4.812	179.7	9.72	8.16	1.814	185.6	19.79	6.368	64.74	63.53	87.8	93.4	0	97.6	26.37	6.995	0	13.07
5/28/2010 9:00	7437	7.662	198.5	9.85	13.52	5.54	202	15.55	11.74	69.37	70.73	79.01	79.28	0	291.6	26.42	6.993	-0.002	12.85
5/28/2010 10:00	7438	8.36	197.9	14.32	13.52	6.14	201.9	19.36	11.74	72.96	74.56	70.55	69.64	0	501.5	26.45	6.992	-0.001	12.87
5/28/2010 11:00	7439	8.82	179.4	28.95	17.1	6.423	183.1	34.08	11.74	77.71	79.35	59.29	57.32	0	688.9	26.47	6.992	-0.001	12.78
5/28/2010 12:00	7440	10.19	152.4	22.22	17.1	7.081	154.8	30.8	15.31	82.3	84.3	46.85	43.92	0	862	26.48	6.985	-0.007	12.87
5/28/2010 13:00	7441	11.07	160.7	19.42	20.68	7.462	164.8	28.9	15.31	84.7	86.7	38.29	35.09	0	871	26.49	6.969	-0.016	12.54
5/28/2010 14:00	7442	10.47	134.7	23.57	20.68	7.152	134.3	34.67	15.31	85.7	88	36.13	32.87	0	932	26.47	6.947	-0.022	13.87
5/28/2010 15:00	7443	9.8	154.1	29.88	20.68	6.938	156.1	40.55	17.1	88.9	91	30.44	26.88	0	1058	26.45	6.921	-0.025	12.54
5/28/2010 16:00	7444	10.22	158.2	31.14	22.47	7.146	160.5	38.07	15.31	90.1	92.2	29.61	26.06	0	956	26.43	6.89	-0.032	12.72
5/28/2010 17:00	7445	10.11	144.3	26.43	27.84	6.832	144.3	39.1	22.47	90.2	92.4	29.43	25.97	0	825	26.41	6.858	-0.032	12.62
5/28/2010 18:00	7446	11.33	143.5	22.01	22.47	7.502	147.7	30.15	17.1	89.9	91.9	28.74	25.5	0	657.2	26.39	6.823	-0.035	12.87
5/28/2010 19:00	7447	10.55	146.5	23.69	22.47	6.811	149.5	33.16	18.89	89.3	90.8	29.96	27.22	0	461.2	26.37	6.788	-0.035	14.03
5/28/2010 20:00	7448	11.43	134.7	16.56	20.68	6.988	137.1	25.16	15.31	87.6	88.1	33.65	31.97	0	246.4	26.36	6.76	-0.029	12.96
5/28/2010 21:00	7449	8.85	132.1	8.22	17.1	5.023	132.9	19.35	11.74	84.6	84.1	36.95	36.45	0	50.46	26.36	6.725	-0.035	12.99
5/28/2010 22:00	7450	7.203	121	3.374	9.95	3.247	111.6	14.17	6.368	78.82	76.47	42.97	45.16	0	0.114	26.34	6.694	-0.031	12.77
5/28/2010 23:00	7451	7.739	119.4	5.66	11.74	3.587	111.2	15.52	6.368	76.09	73.73	47.43	50.25	0	0.001	26.33	6.679	-0.016	12.97
5/29/2010 0:00	7452	7.745	117.8	12.7	13.52	3.988	111.4	19.44	9.95	74.16	72.28	50.62	53.2	0	0	26.33	6.667	-0.012	12.8
5/29/2010 1:00	7453	7.674	126.2	10.63	15.31	3.895	121.3	19.44	8.16	72.19	70.58	52.11	54.75	0	0.001	26.32	6.651	-0.016	12.86
5/29/2010 2:00	7454	5.441	130.9	13.77	9.95	1.742	107.9	17.14	4.578	68.83	66.79	57.03	60.9	0	0	26.31	6.643	-0.008	12.79
5/29/2010 3:00	7455	5.421	145.4	9.25	8.16	2.393	99.1	13.13	4.578	67.41	64.19	59.58	65.69	0	0	26.29	6.636	-0.006	12.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/29/2010 4:00	7456	4.837	143.5	9.55	8.16	1.48	90.6	11.86	4.578	65.54	62.43	64.38	70.62	0	0	26.27	6.627	-0.01	12.27
5/29/2010 5:00	7457	4.506	161.4	9.52	8.16	0.335	125.6	7.494	2.789	64.54	61.86	69.33	75.55	0	0	26.26	6.62	-0.006	12.21
5/29/2010 6:00	7458	4.537	171.5	7.09	6.368	0.528	138.6	10.16	2.789	63.24	60.76	74.63	81.5	0	0	26.25	6.621	0	12.74
5/29/2010 7:00	7459	5.34	145.1	6.243	8.16	1.614	104.5	9.56	4.578	62.24	59.45	78.46	86.2	0	2.659	26.24	6.617	-0.003	12.26
5/29/2010 8:00	7460	6.149	143.9	7.767	15.31	2.741	143	17.33	9.95	64.78	63.59	75.24	79.95	0	98.7	26.24	6.617	0	12.21
5/29/2010 9:00	7461	12.22	157.3	10.97	22.47	7.567	159.7	18.48	15.31	71.14	72.05	64.89	64.93	0	299.4	26.28	6.613	-0.005	14.46
5/29/2010 10:00	7462	13.11	166.8	11.03	18.89	8.19	170.3	18.76	15.31	76.16	77.71	56.14	54.47	0	512.6	26.31	6.612	-0.001	13.12
5/29/2010 11:00	7463	12.2	168.2	13.85	20.68	7.92	171.9	20.39	15.31	82	83.8	43.96	41.55	0	701.5	26.34	6.605	-0.007	12.98
5/29/2010 12:00	7464	13.34	167.8	16.27	22.47	8.56	172	21.45	17.1	85.6	87.7	34.95	31.87	0	868	26.35	6.592	-0.013	12.88
5/29/2010 13:00	7465	13.38	181.2	23.46	24.26	9.14	185.5	26.79	20.68	87	89.3	35.19	31.67	0	992	26.36	6.573	-0.019	12.81
5/29/2010 14:00	7466	13.32	175.6	18.92	26.05	8.96	181.5	24.44	17.1	87.4	89.8	36.72	33.03	0	967	26.35	6.547	-0.025	12.75
5/29/2010 15:00	7467	10.31	155.6	37.08	22.47	7.426	158.5	43.74	17.1	90.5	92.6	31.28	27.74	0	1019	26.33	6.516	-0.032	12.62
5/29/2010 16:00	7468	10.79	167	39.2	22.47	7.611	172	44.9	17.1	92.2	94.2	29.66	26.09	0	941	26.31	6.475	-0.041	13.21
5/29/2010 17:00	7469	10.55	130.4	32.22	22.47	7.322	130.1	40.06	17.1	92.5	94.7	28.83	25.46	0	818	26.29	6.443	-0.032	12.69
5/29/2010 18:00	7470	9.87	143.4	33.49	18.89	6.864	146.9	40.63	15.31	92.3	94.1	26.68	23.6	0	637	26.28	6.395	-0.048	12.73
5/29/2010 19:00	7471	10.12	129.9	28.55	20.68	6.722	129	37.29	15.31	91.7	93.2	25.3	22.58	0	443.1	26.27	6.36	-0.035	12.73
5/29/2010 20:00	7472	9.59	131.5	13.3	17.1	5.81	133.8	20.81	13.52	88.8	88.7	26.38	24.84	0	87.7	26.27	6.326	-0.035	13.59
5/29/2010 21:00	7473	7.433	134.6	8.6	11.74	3.769	132.6	18.23	8.16	84.5	83.3	29.76	29.44	0	9.95	26.26	6.303	-0.022	12.79
5/29/2010 22:00	7474	9.78	300.6	41.66	24.26	7.442	299	42.17	20.68	81.2	81.2	40.57	39.71	0	0.034	26.28	6.289	-0.015	12.46
5/29/2010 23:00	7475	6.008	253.4	45.89	13.52	3.894	224.6	40.81	9.95	79.2	78.76	43.6	43.7	0	0.005	26.27	6.27	-0.019	12.53
5/30/2010 0:00	7476	4.918	209.2	0.736	8.16	1.956	157.6	17.77	4.578	77.74	75.82	44.84	46.5	0	0.003	26.26	6.241	-0.029	12.65
5/30/2010 1:00	7477	7.834	177.4	17.52	13.52	4.414	172.4	21.35	9.95	74.22	73.54	53.37	54.2	0	0.001	26.25	6.232	-0.009	12.73
5/30/2010 2:00	7478	8.57	170.1	8.9	15.31	4.714	171.9	18.05	9.95	73.6	72.65	53.68	55.34	0	0	26.24	6.223	-0.009	12.18
5/30/2010 3:00	7479	10.65	173.5	7.511	18.89	6.013	178.2	16.56	13.52	72.34	71.7	55.22	56.48	0	0	26.23	6.21	-0.013	12.28
5/30/2010 4:00	7480	7.233	175.1	9.57	11.74	3.769	179.6	18.39	8.16	69.65	68.65	60.88	63.3	0	0	26.23	6.201	-0.009	12.22
5/30/2010 5:00	7481	4.63	168.1	6.566	8.16	1.111	166.5	18.6	4.578	66.99	64.97	65.58	70.64	0	0	26.22	6.196	-0.006	12.49
5/30/2010 6:00	7482	4.301	175	4.387	6.368	0.444	171.5	4.876	2.789	65.42	62.86	69.12	75.65	0	0	26.2	6.189	-0.006	12.31
5/30/2010 7:00	7483	3.353	162.5	8.53	6.368	0.5	87.6	7.728	2.789	64.5	62.42	71.91	78.03	0	2.811	26.19	6.186	-0.003	12.17
5/30/2010 8:00	7484	3.846	145.3	8.25	6.368	1.69	108.4	31.8	6.368	66.25	65.29	72.55	76.3	0	94.8	26.2	6.183	-0.003	12.26
5/30/2010 9:00	7485	6.327	169.7	10.94	9.95	4.327	173.6	21.65	8.16	71.77	72.78	68.07	67.63	0	286.1	26.24	6.181	-0.002	14.24
5/30/2010 10:00	7486	5.703	173.8	12.19	9.95	4.239	182.1	26.55	8.16	77.08	78.28	60.9	59.35	0	489	26.29	6.178	-0.004	13.13
5/30/2010 11:00	7487	4.744	190.6	21.11	9.95	3.805	205.2	43.16	9.95	84.1	84.7	50.93	49.35	0	666.5	26.32	6.177	-0.001	14.04
5/30/2010 12:00	7488	6.257	179.2	36.41	13.52	4.912	189.7	46.06	9.95	88.3	89	41.98	39.7	0	833	26.35	6.173	-0.003	14.22
5/30/2010 13:00	7489	6.719	143.9	35.85	26.05	5.087	156.9	58.59	24.26	91.6	92.6	35.01	32.43	0	944	26.36	6.164	-0.01	12.87
5/30/2010 14:00	7490	6.312	111.1	56.05	17.1	4.792	107	86.2	13.52	92.3	93.2	32.06	29.88	0	723.2	26.37	6.148	-0.016	12.74
5/30/2010 15:00	7491	8.93	77.64	35.99	18.89	6.176	73.08	43.11	15.31	91.4	92.8	29.05	26.92	0	593.3	26.35	6.126	-0.022	14.33
5/30/2010 16:00	7492	10.63	86.9	23.11	29.63	7.203	84.2	29.97	18.89	91.7	93.3	29.4	27.01	0	516.1	26.34	6.101	-0.025	13.92
5/30/2010 17:00	7493	9.24	69.92	15.35	20.68	5.863	66.1	22.64	15.31	89.1	89.4	30.18	28.73	0	68.82	26.33	6.072	-0.029	12.22
5/30/2010 18:00	7494	10.69	315.1	84.5	27.84	7.909	291.3	87.2	24.26	86.3	85.9	33.86	34.94	0	102.9	26.32	6.047	-0.025	12.21
5/30/2010 19:00	7495	9.27	67.47	88.2	22.47	6.298	51.27	90	17.1	85.7	85.9	37.69	37.25	0	122	26.3	6.034	-0.013	12.7
5/30/2010 20:00	7496	7.545	312.8	35.84	15.31	5.185	323.6	34.5	11.74	81.6	79.59	46.47	56.4	0.03	63.28	26.31	6.022	-0.012	12.21
5/30/2010 21:00	7497	7.521	26.97	20.74	13.52	5.021	32.43	34.28	11.74	82.1	81.6	45.97	49.03	0	74.52	26.29	6.016	-0.006	12.2
5/30/2010 22:00	7498	9.45	139.3	34.06	18.89	4.905	149.1	19.08	13.52	78.53	76.52	50.48	56.55	0	0.222	26.32	6.01	-0.006	12.29
5/30/2010 23:00	7499	9.08	134.8	11.13	20.68	4.877	132.5	20.34	13.52	75.05	73.75	56.38	60.21	0	0	26.33	6.004	-0.006	12.17
5/31/2010 0:00	7500	6.08	130.1	4.975	9.95	2.841	98.5	22.48	8.16	71.51	69.18	62.56	69.85	0	0	26.33	5.992	-0.012	14.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/31/2010 1:00	7501	5.228	113.1	1.39	11.74	3.31	64.15	10.58	6.368	69.93	67.71	64.86	71.7	0	0	26.31	5.983	-0.008	12.56
5/31/2010 2:00	7502	3.127	111.7	0.421	6.368	1.196	76.28	16.05	4.578	70.3	66.49	61.7	72.95	0	0	26.3	5.974	-0.009	12.17
5/31/2010 3:00	7503	3.553	126.5	13.84	6.368	0.512	102.2	14.66	2.789	67.71	63.95	65.89	77.7	0	0	26.3	5.967	-0.006	12.25
5/31/2010 4:00	7504	3.125	141	0.608	6.368	1.583	81.8	25.83	4.578	66.11	62.99	68.53	78.23	0	0	26.3	5.964	-0.003	12.29
5/31/2010 5:00	7505	4.969	117.5	20.09	8.16	3.042	52.81	15.63	6.368	65.12	62.83	70.43	77.24	0	0	26.3	5.961	-0.003	12.25
5/31/2010 6:00	7506	4.543	91	0.441	8.16	2.585	50.06	13.33	4.578	62.45	60.74	75.08	81.2	0	0	26.3	5.958	-0.003	12.23
5/31/2010 7:00	7507	5.69	88.8	8.77	11.74	3.432	59.23	12.7	8.16	63.29	60.38	75.34	83.2	0	2.985	26.3	5.951	-0.006	12.14
5/31/2010 8:00	7508	7.163	54.3	13	11.74	4.171	55.31	17.29	9.95	62.67	62.39	77.54	81.4	0	99.2	26.32	5.948	-0.003	12.21
5/31/2010 9:00	7509	6.803	98.5	22.87	11.74	4.691	91.9	30.6	8.16	70.46	71.47	68.34	69.61	0	289.3	26.36	5.944	-0.004	12.34
5/31/2010 10:00	7510	9.3	150.8	13.76	15.31	6.039	151.9	22.54	11.74	76.69	78.41	59.44	58.39	0	494.6	26.4	5.943	-0.001	13.08
5/31/2010 11:00	7511	12.53	174.6	13.42	20.68	8.26	177.1	21.35	15.31	82.2	83.8	45.17	43.44	0	674.6	26.43	5.939	-0.004	13.04
5/31/2010 12:00	7512	14.9	173.5	14.92	22.47	9.57	176.5	21.67	18.89	86.4	88.4	36.1	33.53	0	841	26.44	5.923	-0.016	13.07
5/31/2010 13:00	7513	15.45	164.8	18.1	24.26	9.82	168.6	24.55	18.89	89	91.4	33.21	30.02	0	953	26.45	5.898	-0.025	12.82
5/31/2010 14:00	7514	14.32	162.5	17.1	24.26	9.42	167.1	24.79	18.89	91.1	93.6	30.9	27.44	0	1003	26.45	5.863	-0.035	12.99
5/31/2010 15:00	7515	15.38	157.6	20.21	29.63	9.91	162	25.77	20.68	92	94.6	30.54	26.91	0	997	26.44	5.834	-0.029	13.1
5/31/2010 16:00	7516	15.57	149.7	17.55	31.42	10.01	153.4	23.74	24.26	92.3	95	30.53	26.9	0	936	26.43	5.8	-0.035	12.8
5/31/2010 17:00	7517	12.57	140.2	23.31	22.47	8.25	143.2	32.11	17.1	93.1	95.4	29.75	26.43	0	778.2	26.41	5.765	-0.035	12.95
5/31/2010 18:00	7518	12.79	151.6	18.72	26.05	8.25	155.3	27.08	18.89	93.2	95.2	28.25	25.14	0	643	26.41	5.73	-0.035	12.84
5/31/2010 19:00	7519	13.86	161.3	15.4	24.26	8.53	165.3	21.89	20.68	91.5	92.5	29.27	27.06	0	314.6	26.39	5.685	-0.044	12.94
5/31/2010 20:00	7520	14.62	175.1	12.22	24.26	8.91	178.9	18.63	17.1	89.5	89.5	30.75	29.31	0	70.72	26.38	5.641	-0.044	13.17
5/31/2010 21:00	7521	14.19	183.2	8.15	24.26	8.84	187.2	15.51	17.1	87.2	87	32.43	31.38	0	23.1	26.38	5.616	-0.025	12.87
5/31/2010 22:00	7522	9.14	181.1	6.413	17.1	5.182	183.5	14.62	13.52	82.9	82	38.09	38.14	0	0.225	26.38	5.594	-0.022	12.98
5/31/2010 23:00	7523	9.73	163.6	7.715	15.31	5.176	165	16.2	9.95	79.25	78.16	42.61	43.44	0	0.007	26.38	5.579	-0.016	13.15
6/1/2010 0:00	7524	11.9	165.4	8.87	18.89	6.983	168.6	17.13	15.31	77.61	76.95	47.11	47.72	0	0.003	26.37	5.569	-0.01	12.95
6/1/2010 1:00	7525	13.24	167.2	8.73	31.42	7.768	171.5	17.15	22.47	75.98	75.52	54.82	55.71	0	0.002	26.37	5.557	-0.012	12.2
6/1/2010 2:00	7526	11.08	174.7	7.777	18.89	6.533	179	16.27	11.74	73.68	73.18	61.82	63.54	0	0.002	26.37	5.544	-0.012	13
6/1/2010 3:00	7527	9.94	176.9	8.35	15.31	5.936	180.4	16.4	9.95	71.8	71.35	68.24	70.72	0	0.001	26.36	5.541	-0.003	12.19
6/1/2010 4:00	7528	9.67	178.5	8.72	15.31	5.78	183	16.43	11.74	71.05	70.67	73.37	76.37	0	0	26.35	5.535	-0.006	12.19
6/1/2010 5:00	7529	12.36	184.8	9.22	20.68	7.605	189.6	15.68	15.31	71.05	70.81	75.8	78.72	0	0	26.35	5.529	-0.006	12.93
6/1/2010 6:00	7530	8.18	167.2	8.79	15.31	4.713	171.6	16.95	13.52	69.04	68.52	80.5	84.5	0	0	26.34	5.514	-0.015	12.66
6/1/2010 7:00	7531	7.184	153.2	11.86	11.74	3.735	153.1	20.91	8.16	66.95	65.98	85.5	90.9	0	3.45	26.33	5.511	-0.003	13.94
6/1/2010 8:00	7532	8.11	152.1	11.61	15.31	4.91	154	20.68	11.74	67.87	67.68	86.3	89.7	0	94.9	26.33	5.511	0	12.97
6/1/2010 9:00	7533	11.44	170.4	12.47	18.89	7.141	173.9	19.16	13.52	71.78	72.86	80.8	81.4	0	290.5	26.35	5.509	-0.002	12.96
6/1/2010 10:00	7534	9.9	187.9	14.86	15.31	6.897	191.4	20.2	11.74	75.43	76.93	73.89	72.99	0	477.8	26.38	5.506	-0.003	13.69
6/1/2010 11:00	7535	8.89	199.1	14.65	13.52	6.612	203.5	20.41	13.52	80.6	82	62.51	60.58	0	676	26.39	5.502	-0.004	12.94
6/1/2010 12:00	7536	7.725	192.6	19.01	15.31	5.738	198.2	25.7	13.52	86.3	87.5	48.18	45.64	0	838	26.39	5.495	-0.006	12.58
6/1/2010 13:00	7537	8.65	195.2	27.63	18.89	6.417	201.3	36.14	15.31	89.9	91.4	41.21	38.12	0	961	26.4	5.476	-0.019	12.54
6/1/2010 14:00	7538	8.12	205.7	30.85	20.68	6.139	211.2	38.1	17.1	91	92.1	39.34	36.66	0	806	26.39	5.454	-0.022	12.41
6/1/2010 15:00	7539	8.68	211.1	28.44	27.84	6.668	215.9	35.99	20.68	94	95.3	35.73	32.64	0	997	26.37	5.429	-0.025	12.43
6/1/2010 16:00	7540	8.28	183.2	28.59	18.89	6.284	188.2	40.23	17.1	95.3	96.7	32.37	29.23	0	905	26.34	5.4	-0.029	12.43
6/1/2010 17:00	7541	9.29	208.2	45.16	20.68	6.939	207.5	45.88	17.1	95.5	96.9	29.7	26.78	0	672	26.32	5.353	-0.048	12.41
6/1/2010 18:00	7542	11.02	180.6	30.96	34.99	7.496	185.1	35.17	22.47	92.2	92.9	31.26	29.49	0	186.4	26.3	5.318	-0.035	12.7
6/1/2010 19:00	7543	11.75	295.2	51.88	31.42	8.94	295.9	55.91	24.26	82.3	82.6	46.32	46.75	0.01	11.32	26.33	5.289	-0.028	12.87
6/1/2010 20:00	7544	16.68	9.51	20.05	27.84	11.41	7.25	21	24.26	64.93	69.45	78.27	84.9	0.03	4.327	26.32	5.291	0.001	13.68
6/1/2010 21:00	7545	15.48	353.7	22.33	26.05	11.14	351.4	23.55	18.89	47.34	68.36	76.69	84.9	0.05	1.482	26.27	5.292	0.001	13.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/1/2010 22:00	7546	11.02	0.9	34.34	20.68	7.552	0.673	36	17.1	57.05	72.8	60.85	67.25	0	0.005	26.24	5.292	0	12.67
6/1/2010 23:00	7547	10.07	115.6	69.7	18.89	6.075	124.3	53.43	13.52	56.16	73.71	60.78	65.19	0	0.001	26.26	5.291	-0.001	12.75
6/2/2010 0:00	7548	11.91	125	15.26	20.68	6.939	125.1	24.14	15.31	40.45	68.93	71.67	76.38	0	0	26.27	5.291	0	12.9
6/2/2010 1:00	7549	7.422	90.5	9.4	20.68	4.412	85.3	16.9	11.74	38.26	67.65	73.3	79.07	0	0	26.26	5.292	0.001	12.75
6/2/2010 2:00	7550	4.364	113.7	33.87	8.16	2.172	89.9	60.59	6.368	38.36	66.59	74.03	82.2	0	0	26.25	5.292	0	12.49
6/2/2010 3:00	7551	3.899	146.7	18.16	15.31	2.074	126.8	60.44	9.95	37.15	65.45	74.38	85.3	0	0	26.24	5.292	0	12.64
6/2/2010 4:00	7552	6.911	165.1	11.71	13.52	3.168	170.1	25.42	8.16	35.58	64.37	79.15	86.7	0	0	26.23	5.292	0	13.73
6/2/2010 5:00	7553	10.28	170.3	10.59	18.89	5.78	175	17.97	11.74	36.06	66.1	76.95	82.4	0	0	26.21	5.292	0	12.24
6/2/2010 6:00	7554	8.5	195.4	9.49	13.52	5.08	199.3	14.62	9.95	38.3	67.08	72.73	78.26	0	0	26.21	5.292	0	12.32
6/2/2010 7:00	7555	9.94	202	8.76	15.31	6.505	205.6	13.77	11.74	38.58	67.89	78.22	82.9	0	3.695	26.21	5.292	0	12.95
6/2/2010 8:00	7556	8.14	213.5	8.65	15.31	5.809	215.5	13.39	11.74	38.24	69.12	79.44	82.7	0	124.5	26.23	5.291	-0.001	14.25
6/2/2010 9:00	7557	10.81	209.4	9.76	17.1	7.647	211	13.68	13.52	40.98	72.5	81.9	83.7	0	311.6	26.25	5.29	-0.001	12.74
6/2/2010 10:00	7558	11.76	212.1	10.49	17.1	8.66	213.7	13.98	15.31	44.4	75.44	80.2	80.6	0	550.3	26.28	5.293	0.003	12.79
6/2/2010 11:00	7559	10.23	240.7	15.82	17.1	7.948	239.2	17.83	13.52	49.06	79.04	69.25	69.39	0	582	26.29	5.293	-0.001	12.7
6/2/2010 12:00	7560	6.753	257.2	13.3	13.52	5.404	255	20.22	11.74	49.38	79.17	65.74	65.95	0	389.2	26.3	5.292	0	12.68
6/2/2010 13:00	7561	6.309	258	36.12	17.1	5.155	256.7	50.09	15.31	58	86.1	49.94	49.51	0	676.1	26.3	5.292	0	13.4
6/2/2010 14:00	7562	10.23	288.6	21.08	26.05	8.41	288.7	25.77	20.68	71.41	91.6	31.44	29.99	0	1029	26.3	5.289	-0.003	12.6
6/2/2010 15:00	7563	13.02	299.1	18.19	31.42	10.7	299.2	24.11	26.05	93.6	94.8	18.93	16.61	0	1021	26.3	5.273	-0.016	12.57
6/2/2010 16:00	7564	12.39	276.3	22.04	20.68	9.7	274	26.89	17.1	94.8	96.1	15.21	12.48	0	967	26.29	5.251	-0.022	12.36
6/2/2010 17:00	7565	12.14	285.3	19.33	26.05	9.88	283.2	24.88	24.26	94.7	95.9	13.63	10.79	0	846	26.26	5.207	-0.044	12.54
6/2/2010 18:00	7566	13.81	280.9	20.1	26.05	10.84	278.8	23.58	22.47	94.7	95.9	13.15	10.24	0	678.8	26.24	5.153	-0.054	12.82
6/2/2010 19:00	7567	12.01	303.1	27.98	20.68	9.63	303.2	29.47	17.1	94.6	95.4	14.3	11.59	0	479.4	26.23	5.118	-0.035	12.84
6/2/2010 20:00	7568	19.04	50.91	37.29	36.78	12.77	49.53	39.35	26.05	85	85.6	40.99	39.85	0	177.8	26.25	5.086	-0.032	14.07
6/2/2010 21:00	7569	12.39	73.78	8.6	20.68	7.803	70.92	17.05	17.1	79.69	79.69	50.49	50.76	0	36.16	26.24	5.062	-0.025	13.03
6/2/2010 22:00	7570	8.81	79.95	8.79	15.31	4.94	77.47	17.36	9.95	76.22	75.38	51.31	53.12	0	0.301	26.22	5.04	-0.022	12.64
6/2/2010 23:00	7571	8.8	69.3	12.12	13.52	4.785	64.73	19.27	9.95	73.86	72.67	52.39	55.09	0	0.001	26.21	5.025	-0.015	12.75
6/3/2010 0:00	7572	10.01	78.16	11.26	15.31	5.816	77.65	18.25	11.74	71.34	70.59	57.72	60.16	0	0	26.22	5.012	-0.012	12.26
6/3/2010 1:00	7573	9.98	77.02	18.49	24.26	5.981	77.99	19.25	13.52	68.94	68.66	66.32	68.55	0	0	26.23	5.003	-0.009	14.3
6/3/2010 2:00	7574	7.489	92.3	41.62	13.52	4.488	110.1	22.34	9.95	67.16	66.61	76.19	80.2	0	0	26.23	4.994	-0.009	12.32
6/3/2010 3:00	7575	5.013	325.7	60.6	13.52	2.447	106.5	29.01	9.95	66.62	65.42	75.55	81.1	0	0	26.21	4.988	-0.006	12.27
6/3/2010 4:00	7576	6.089	288.7	1.249	8.16	2.716	92.4	14.15	4.578	64.72	62.65	78.63	86.7	0	0	26.2	4.972	-0.016	12.72
6/3/2010 5:00	7577	6.752	284.4	3.522	9.95	3.18	83.5	18.93	6.368	64.56	62.47	77.16	85.6	0	0	26.19	4.969	-0.003	14.25
6/3/2010 6:00	7578	4.604	280.9	1.288	8.16	2.415	71.27	10.57	4.578	65.32	63.72	75.6	82.3	0	0	26.19	4.965	-0.003	12.3
6/3/2010 7:00	7579	2.013	290.3	2.293	6.368	1.459	70.21	6.247	4.578	64.93	62.2	78.8	87.3	0	1.634	26.19	4.962	-0.003	12.3
6/3/2010 8:00	7580	4.08	314.8	32.87	6.368	2.487	38.81	21.63	6.368	65.64	64.2	79.94	86.3	0	91.8	26.2	4.95	-0.013	12.15
6/3/2010 9:00	7581	4.73	337	37.1	8.16	3.839	359.2	17.75	6.368	57.85	71.74	78.29	80.5	0	285.2	26.24	4.948	-0.001	12.52
6/3/2010 10:00	7582	3.817	317.5	29.12	8.16	2.977	45.57	41.45	6.368	62.45	77.65	72.91	73.83	0	490.7	26.29	4.948	0	12.62
6/3/2010 11:00	7583	4.977	328.8	30.24	9.95	3.739	68	31.33	8.16	56.7	82.3	63.86	63.59	0	676.5	26.31	4.947	-0.001	12.43
6/3/2010 12:00	7584	5.007	25.71	55.27	11.74	3.799	38.39	45.88	8.16	59.84	87.3	52.51	52.18	0	845	26.33	4.947	0	12.67
6/3/2010 13:00	7585	6.334	355.3	44.04	13.52	4.704	53.26	45.5	11.74	89.7	91.1	40.99	39.75	0	955	26.34	4.947	0	12.37
6/3/2010 14:00	7586	5.697	45.77	53.87	13.52	4.548	39.6	61.49	11.74	93	94	35.2	33.91	0	1007	26.34	4.941	-0.006	12.49
6/3/2010 15:00	7587	6.575	359.1	48.94	15.31	5.007	51	61.8	13.52	95.3	96.5	31.51	29.59	0	1028	26.32	4.925	-0.016	12.56
6/3/2010 16:00	7588	7.502	349.8	21.47	18.89	5.459	59.69	52.45	13.52	94.4	96	30.69	28.53	0	697.5	26.31	4.899	-0.025	12.56
6/3/2010 17:00	7589	12.6	352.5	27.32	26.05	8.24	93	31.53	20.68	92.5	94.1	32.99	30.79	0	440	26.28	4.877	-0.022	12.62
6/3/2010 18:00	7590	11.25	351.4	29.75	20.68	7.565	117.4	27.62	17.1	92.8	94.6	34.81	32.36	0	606.3	26.26	4.852	-0.025	12.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/3/2010 19:00	7591	12.49	74.13	73.66	22.47	7.93	131.6	31.5	17.1	92.9	94.6	33.93	31.51	0	454.8	26.25	4.82	-0.032	14.17
6/3/2010 20:00	7592	14.43	126.4	35.76	22.47	8.79	135.7	21.19	17.1	90.6	91.2	36.55	35.21	0	236.5	26.25	4.792	-0.029	12.81
6/3/2010 21:00	7593	13.48	125	9.81	22.47	7.943	127.5	19.82	17.1	87.1	87	39.9	39.37	0	53.92	26.25	4.763	-0.029	12.16
6/3/2010 22:00	7594	9.67	113.2	8.37	15.31	5.634	114.3	19.04	9.95	82.6	81.7	43.19	43.85	0	0.177	26.25	4.739	-0.025	13.12
6/3/2010 23:00	7595	10.17	112.3	9.58	17.1	5.946	113.1	19.27	11.74	79.59	78.69	47.12	48.26	0	0.003	26.25	4.713	-0.025	12.49
6/4/2010 0:00	7596	11.4	138.8	9.33	18.89	6.618	142.1	17.53	13.52	78.02	77.41	48.78	49.77	0	0.002	26.24	4.701	-0.013	12.63
6/4/2010 1:00	7597	8.07	155.9	8.16	20.68	4.208	157.6	15.56	9.95	74.4	73.38	54	56.01	0	0.001	26.24	4.666	-0.035	12.48
6/4/2010 2:00	7598	6.445	165.4	8.05	9.95	2.634	165.2	17.03	6.368	71.82	69.94	61.15	65.13	0	0	26.22	4.66	-0.006	12.17
6/4/2010 3:00	7599	5.694	165.8	10.61	8.16	1.727	155.1	16.92	4.578	69.27	66.67	70.14	76.52	0	0	26.21	4.655	-0.006	13.63
6/4/2010 4:00	7600	6.421	135	8.2	9.95	2.781	116.1	15.41	6.368	68.34	65.99	75.19	82.7	0	0	26.19	4.648	-0.006	12.77
6/4/2010 5:00	7601	6.094	130.1	26.68	9.95	2.814	120.8	18.89	4.578	67.56	65.86	77.87	84.5	0	0	26.19	4.642	-0.006	12.83
6/4/2010 6:00	7602	5.705	130.9	35.33	8.16	2.497	125.8	18.49	6.368	65.49	63.68	82.2	89.5	0	0	26.19	4.636	-0.006	13.18
6/4/2010 7:00	7603	3.982	189.1	15.1	8.16	0.921	194.3	13.41	4.578	62.85	61.3	88.7	95.6	0	3.614	26.17	7.324	2.689	12.24
6/4/2010 8:00	7604	4.626	255.9	55.33	8.16	2.556	237.8	13.35	6.368	64.09	63.38	88.4	92.5	0	102.8	26.18	9.44	2.112	12.9
6/4/2010 9:00	7605	7.236	297.4	12.95	13.52	5.49	216.9	15.56	11.74	55.17	69.94	83.2	84.2	0	301.4	26.22	9.43	-0.002	12.6
6/4/2010 10:00	7606	8.83	289.8	9.81	13.52	6.859	222.1	14.69	11.74	45.78	77.27	69.68	69.53	0	508.7	26.25	9.43	-0.001	12.44
6/4/2010 11:00	7607	8.48	304.5	15.65	13.52	6.918	240.5	19.42	11.74	53.91	84.5	52.81	51.56	0	690.3	26.27	9.43	0.002	12.35
6/4/2010 12:00	7608	7.72	327.3	31.77	15.31	6.349	268.5	34.12	13.52	85.1	93.5	30.16	28.34	0	857	26.29	9.43	0	12.25
6/4/2010 13:00	7609	7.486	331.9	25.64	15.31	6.308	300.8	37.93	13.52	98.2	98.8	18.41	15.98	0	974	26.32	9.43	0	12.88
6/4/2010 14:00	7610	7.493	350.5	30.69	18.89	6.091	297.8	60.6	15.31	101	101.6	14.82	12.03	0	1019	26.32	9.43	0	12.71
6/4/2010 15:00	7611	7.413	343.1	25.57	18.89	6.033	251.5	65.94	15.31	102.7	103.3	13.21	10.12	0	1018	26.31	9.43	0	12.4
6/4/2010 16:00	7612	7.508	343.2	15	17.1	6.299	249.2	61.87	15.31	103.2	103.8	12.4	9.18	0	960	26.3	9.43	0	12.36
6/4/2010 17:00	7613	6.445	350.8	29.43	18.89	5.229	234.4	68.24	15.31	104.4	104.5	12.08	9.03	0	835	26.28	9.43	-0.003	12.73
6/4/2010 18:00	7614	5.551	340.2	41.47	15.31	4.708	279.7	48.1	13.52	103.9	104.2	12.04	9.02	0	668.4	26.27	9.41	-0.022	12.48
6/4/2010 19:00	7615	7.826	339.6	32.08	17.1	6.349	239.4	36.2	15.31	102.9	103.2	12.36	9.3	0	464.5	26.27	9.38	-0.032	13.97
6/4/2010 20:00	7616	4.952	339	17.64	11.74	3.991	244	49.27	11.74	102	101.2	12.57	10.23	0	258.2	26.26	9.35	-0.029	12.69
6/4/2010 21:00	7617	6.596	326.5	6.587	11.74	3.872	210.1	12.42	8.16	97.7	96.4	14.81	13.11	0	63.86	26.26	9.31	-0.038	12.9
6/4/2010 22:00	7618	5.976	310.9	11.32	9.95	2.082	153.5	21.42	4.578	89.6	85	19.08	20.57	0	0.299	26.25	9.29	-0.022	12.8
6/4/2010 23:00	7619	4.132	300	14.39	9.95	1.276	149.8	45.98	4.578	84.2	80.1	22.71	24.43	0	0.004	26.24	9.27	-0.017	12.83
6/5/2010 0:00	7620	5.053	292.3	9.35	9.95	2.381	129.9	38.25	4.578	80.9	77.24	27.1	29.02	0	0.001	26.24	9.26	-0.015	12.57
6/5/2010 1:00	7621	5.269	292.2	20.56	9.95	2.391	94.7	24.26	6.368	77.27	74.64	41.81	43.35	0	0.001	26.24	9.24	-0.015	12.88
6/5/2010 2:00	7622	6.175	282.7	1.171	9.95	2.567	161.7	21.74	6.368	75.14	72.91	58.79	62.52	0	0	26.23	9.23	-0.009	12.66
6/5/2010 3:00	7623	5.713	280.9	1.24	9.95	2.504	201.4	19.53	6.368	73.08	71.11	65.31	69.61	0	0	26.22	9.23	-0.006	14.07
6/5/2010 4:00	7624	4.801	283.6	1.226	8.16	1.609	156.2	20.7	4.578	71.54	68.34	70.8	78.09	0	0	26.2	9.22	-0.006	12.82
6/5/2010 5:00	7625	4.881	298.6	7.204	6.368	1.774	211	32.7	4.578	69.61	67.15	79.18	85.6	0	0	26.18	9.21	-0.006	12.27
6/5/2010 6:00	7626	4.349	327.7	6.251	8.16	0.838	232.1	18.71	2.789	68	64.87	84.6	92.1	0	0	26.18	9.21	-0.006	13.7
6/5/2010 7:00	7627	4.022	344.2	2.925	6.368	0.63	260.6	19.08	2.789	66.6	64.04	88.4	95.7	0	3.211	26.17	9.2	-0.003	13.04
6/5/2010 8:00	7628	4.215	329.5	14.61	8.16	2.194	255.4	24.62	6.368	67.57	66.52	87.7	92.1	0	103.7	26.18	9.2	-0.003	13.15
6/5/2010 9:00	7629	7.037	290.3	4.422	11.74	5.579	227.2	12.69	9.95	72.95	73.65	78.86	80	0	300.9	26.22	9.2	-0.003	13.2
6/5/2010 10:00	7630	6.46	295.6	3.917	9.95	5.407	251.4	23.06	11.74	80.2	81.1	65.85	65.8	0	506.9	26.27	9.2	-0.004	14.47
6/5/2010 11:00	7631	7.444	312.7	7.853	13.52	6.251	270.5	19.84	13.52	83.5	91.7	39.65	38.29	0	691.4	26.29	9.19	-0.001	12.96
6/5/2010 12:00	7632	9.03	330.9	18.37	15.31	7.626	298.1	22.61	13.52	98	98.8	25.93	24	0	858	26.31	9.19	-0.006	12.77
6/5/2010 13:00	7633	8.14	338.1	13.92	17.1	6.761	298.1	32.85	13.52	102	103	22.27	19.87	0	965	26.33	9.18	-0.01	13.78
6/5/2010 14:00	7634	9.76	344.4	18.63	20.68	8.05	284.9	32.37	18.89	105.1	106.2	16.29	13.43	0	1017	26.33	9.16	-0.022	12.76
6/5/2010 15:00	7635	10.29	347.1	16.93	24.26	8.57	273.1	39.65	20.68	106.3	107.2	14.9	11.83	0	1012	26.32	9.12	-0.035	12.61

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1				60_min_avg														
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/5/2010 16:00	7636	9.93	346.3	21.14	20.68	8.14	273	45.93	18.89	107.3	108.3	14.44	11.26	0	949	26.31	9.09	-0.029	12.89
6/5/2010 17:00	7637	8.68	344	22.6	20.68	7.142	265.4	52.23	15.31	107.6	108.2	13.98	10.87	0	832	26.3	9.05	-0.044	12.65
6/5/2010 18:00	7638	8.45	348.4	16.68	18.89	7.07	301.5	28.18	15.31	107.6	108.5	13.41	10.42	0	667.9	26.3	9	-0.051	13.14
6/5/2010 19:00	7639	7.296	349	30.98	17.1	6.001	267.8	57.36	15.31	107.5	108	13.52	10.55	0	471	26.29	8.96	-0.041	13.44
6/5/2010 20:00	7640	6.364	343.1	2.399	15.31	5.159	282	50.66	11.74	106.5	106	13.75	11.34	0	249.9	26.28	8.92	-0.035	12.65
6/5/2010 21:00	7641	3.715	335.5	4.024	11.74	1.782	268.2	31.84	8.16	103.7	102.2	15.52	15.4	0	67.86	26.28	8.9	-0.019	13.33
6/5/2010 22:00	7642	7.484	323.2	9.38	13.52	4.3	21.77	18.66	9.95	96.3	94.6	23.13	22.38	0	0.508	26.28	8.88	-0.022	13.97
6/5/2010 23:00	7643	9.65	316.2	13.43	13.52	5.056	41.91	13.26	9.95	90.9	90	29.82	29.09	0	0.034	26.28	8.85	-0.035	12.7
6/6/2010 0:00	7644	8.58	301.8	6.419	18.89	4.715	68.25	28.89	9.95	85.3	84.2	38.64	38.96	0	0.028	26.28	8.83	-0.015	12.79
6/6/2010 1:00	7645	7.104	296.7	1.839	13.52	3.683	77.12	27.34	8.16	83.9	81.8	40.3	42.21	0	0.015	26.28	8.8	-0.035	12.63
6/6/2010 2:00	7646	4.291	295.7	1.071	8.16	2.619	58.16	9.84	6.368	85.1	81.2	39.35	42.84	0	0.01	26.27	8.79	-0.01	13.41
6/6/2010 3:00	7647	4.631	292.7	1.953	8.16	2.846	79.12	20.23	4.578	82.7	79.1	52.66	54.26	0	0.006	26.28	8.78	-0.01	13.96
6/6/2010 4:00	7648	3.869	305	41.04	6.368	2.36	59.32	10.55	4.578	79.24	76.72	62.98	64.73	0	0.005	26.27	8.77	-0.006	13.86
6/6/2010 5:00	7649	6.02	22.92	18.81	11.74	3.378	38.84	16	9.95	76.44	75.08	64.21	66.58	0	0.003	26.26	8.76	-0.008	12.37
6/6/2010 6:00	7650	10.85	10.5	12.16	15.31	7.762	21.63	10.94	15.31	74.4	74.46	66.83	68.42	0	0.005	26.27	8.75	-0.01	12.2
6/6/2010 7:00	7651	12.86	9.81	9.37	24.26	9.37	15.53	12.3	18.89	71.98	72.27	75.87	78.02	0	3.238	26.29	8.74	-0.012	12.74
6/6/2010 8:00	7652	17.44	12.91	12.25	29.63	9.94	36.21	11.6	20.68	72.76	73.05	77.68	80.2	0	102.7	26.3	8.74	-0.003	12.24
6/6/2010 9:00	7653	14.92	14.63	16	27.84	8.6	44.13	15.43	20.68	75.83	76.76	74.52	76.08	0	294.9	26.34	8.73	-0.011	12.19
6/6/2010 10:00	7654	14.22	11.24	21.68	24.26	8.42	43.74	15.89	18.89	79.53	81	68.95	69.33	0	496.5	26.38	8.72	-0.003	12.76
6/6/2010 11:00	7655	16.86	11.45	21.97	29.63	10.54	60.94	21.53	20.68	83.1	85.1	62.62	61.65	0	679.9	26.4	8.71	-0.011	12.75
6/6/2010 12:00	7656	11.83	3.285	24.59	20.68	8.05	75	23.84	15.31	86.6	89.2	56.37	54.07	0	839	26.43	8.71	-0.007	12.57
6/6/2010 13:00	7657	12.82	6.508	25.21	22.47	8.72	74.22	25.42	18.89	90.5	93.2	58.48	55.88	0	927	26.46	8.7	-0.01	12.74
6/6/2010 14:00	7658	13.53	5.107	25.4	24.26	9.16	82.2	26.23	17.1	69.71	96.1	57.65	54.35	0	972	26.46	8.68	-0.013	12.8
6/6/2010 15:00	7659	14.14	1.267	27.14	29.63	9.65	97.8	29.8	22.47	68.35	97.7	53.01	49.58	0	965	26.46	8.66	-0.025	12.67
6/6/2010 16:00	7660	15.16	355.5	24.31	26.05	9.84	122.9	27.74	20.68	95.4	101.1	40.17	36.54	0	908	26.44	8.63	-0.029	12.73
6/6/2010 17:00	7661	13.29	354.7	23.58	26.05	8.81	115.9	30.31	18.89	99.4	101.9	37.22	34.19	0	736.9	26.43	8.59	-0.035	13.28
6/6/2010 18:00	7662	13.08	356.7	22.89	38.57	8.65	113.6	29.67	29.63	100.2	102.4	36.29	33.53	0	630.1	26.41	8.56	-0.032	12.69
6/6/2010 19:00	7663	14.88	2.209	25.16	27.84	9.68	104.5	25.82	20.68	99.3	101	38.47	36.33	0	423.1	26.4	8.51	-0.051	12.69
6/6/2010 20:00	7664	16.45	4.894	25.8	27.84	10.77	105.8	20.45	20.68	96.8	97.4	42.23	41.19	0	194.5	26.4	8.48	-0.035	12.63
6/6/2010 21:00	7665	16.15	6.958	26.27	26.05	10.93	99.8	17.99	20.68	93.1	93.4	47.93	47.59	0	42.46	26.41	8.44	-0.041	12.83
6/6/2010 22:00	7666	15.52	6.025	26.1	24.26	10.61	98.2	17.47	20.68	89.7	89.6	51.64	51.94	0	0.166	26.41	8.41	-0.022	12.21
6/6/2010 23:00	7667	13.77	348.9	25.33	22.47	9.15	102.4	18.25	18.89	87	86.9	52.6	53.11	0	0.034	26.42	8.39	-0.021	12.75
6/7/2010 0:00	7668	14.8	346.3	26.78	26.05	9.45	109.1	19.28	18.89	84.8	84.7	57.09	57.86	0	0.045	26.43	8.37	-0.018	12.74
6/7/2010 1:00	7669	14.29	342	30.26	26.05	8.78	116.3	19.49	17.1	82.8	82.8	63.77	65.31	0	0.036	26.44	8.35	-0.022	12.76
6/7/2010 2:00	7670	10.52	305.7	33.66	20.68	6.308	138.9	21.52	15.31	81	80.9	68.52	70.75	0	0.036	26.45	8.34	-0.016	12.27
6/7/2010 3:00	7671	7.461	295.9	9.98	15.31	4.491	163.1	40.97	11.74	80.3	80.4	69.28	71.42	0	0.025	26.46	8.33	-0.01	12.47
6/7/2010 4:00	7672	13.35	325.3	29.89	34.99	10.21	293.3	28.11	27.84	73.86	74.15	73.49	76.97	0	0.05	26.47	8.31	-0.016	12.26
6/7/2010 5:00	7673	11.51	296.9	12.47	20.68	8.16	3.939	13.88	15.31	71.67	71.56	78.04	83.9	0.01	0.004	26.42	8.31	-0.002	12.14
6/7/2010 6:00	7674	8.63	289.1	2.91	15.31	5.592	35.63	26.03	13.52	71.83	71.83	77.51	81.9	0	0.004	26.41	8.31	-0.003	12.91
6/7/2010 7:00	7675	13.27	290.3	13.57	24.26	9.34	27.56	30.78	18.89	73.03	73.01	71.73	74.95	0	1.696	26.37	8.3	-0.006	12.99
6/7/2010 8:00	7676	6.978	284.8	12.16	17.1	4.438	125.3	77.73	13.52	74.86	74.59	65.75	69.59	0	54.79	26.4	8.29	-0.007	12.91
6/7/2010 9:00	7677	6.974	285.2	14.41	13.52	4.608	189.8	20.47	11.74	75.08	75.48	67.61	69.83	0	181.2	26.42	8.35	0.056	12.37
6/7/2010 10:00	7678	9.39	295.9	19.69	15.31	6.489	187.5	22.29	11.74	77.49	78.6	64.44	64.65	0	391.3	26.43	8.35	0	12.35
6/7/2010 11:00	7679	9.9	307.3	20.51	17.1	6.935	191.9	21.45	13.52	83.1	84.5	53.4	52.12	0	486.7	26.45	8.35	-0.001	12.25
6/7/2010 12:00	7680	12.6	321.9	30.45	22.47	8.92	200.5	16.91	17.1	81.9	86.7	61.98	59.83	0	694.4	26.47	8.35	0	12.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/7/2010 13:00	7681	13.33	346.6	60.01	26.05	9.17	188.1	21.37	20.68	72.51	90.8	58.08	54.86	0	906	26.47	8.35	0	13.22
6/7/2010 14:00	7682	13.15	355.2	65.31	24.26	8.61	155.4	27.8	18.89	74.01	94.8	48.24	44.65	0	974	26.46	8.34	-0.003	12.32
6/7/2010 15:00	7683	12.25	330.4	17.61	22.47	8.2	151	27.47	17.1	78.78	96.3	50.69	46.87	0	849	26.44	8.33	-0.019	12.3
6/7/2010 16:00	7684	11.4	327.8	10.66	26.05	7.472	156.7	25.07	15.31	90.4	96.8	48.75	45.4	0	693.7	26.42	8.31	-0.019	12.61
6/7/2010 17:00	7685	12.61	329.2	22.92	31.42	7.854	145	36.93	20.68	90.3	90.6	54.12	57.6	0.09	219.1	26.4	8.29	-0.013	12.55
6/7/2010 18:00	7686	9.65	17.47	13.42	22.47	5.157	116.3	43.82	13.52	64.43	79.61	61.74	82.8	0.07	57.77	26.33	8.32	0.027	12.55
6/7/2010 19:00	7687	17.18	27.61	16.17	45.73	13.15	317.6	45.68	38.57	59.7	76.3	78.16	85.4	0	23.75	26.32	8.32	-0.003	12.59
6/7/2010 20:00	7688	13.77	23.82	3.88	31.42	10.52	341.8	23.48	22.47	57.48	76.32	71.08	75.8	0	26.72	26.32	8.32	0	12.96
6/7/2010 21:00	7689	12.95	6.974	5.224	34.99	9.54	322.8	85.4	27.84	42.34	74.44	75.48	79.45	0	9.37	26.35	8.31	-0.003	12.82
6/7/2010 22:00	7690	16.11	343	38.36	34.99	10.22	188.8	62.24	31.42	39.4	69.59	84.8	92.4	0.12	0.04	26.37	8.32	0.008	12.54
6/7/2010 23:00	7691	4.448	10.68	5.486	13.52	2.895	6.85	62.92	9.95	50	68.6	89.9	98.9	0	0	26.32	8.32	-0.002	12.8
6/8/2010 0:00	7692	2.011	5.873	1.911	8.16	1.186	9.73	55.6	4.578	52.41	69.55	85.7	99.3	0	0.003	26.32	8.32	0	12.6
6/8/2010 1:00	7693	6.053	14.09	2.907	9.95	2.818	130.2	28.05	6.368	45.58	70.22	85	97.3	0	0.005	26.33	8.32	0	12.24
6/8/2010 2:00	7694	7.665	18.81	2.843	13.52	3.968	159.5	18.99	8.16	42.4	71.25	83.8	92.9	0	0.004	26.34	8.32	0	12.28
6/8/2010 3:00	7695	7.135	26.69	3.053	13.52	3.836	187.4	16.08	9.95	41.39	71	82.6	90.2	0	0.005	26.33	8.32	-0.001	12.85
6/8/2010 4:00	7696	6.501	34.53	1.965	11.74	3.436	186.8	17.41	8.16	52.91	70.67	87.3	94.5	0	0.004	26.32	8.32	0	12.94
6/8/2010 5:00	7697	4.621	34.36	1.855	6.368	1.357	142	24.37	4.578	56.29	69.17	90.1	98.7	0	0.005	26.29	8.32	0	12.71
6/8/2010 6:00	7698	4.62	30.06	1.967	6.368	1.435	122.7	25.32	4.578	54.5	68.64	91.2	99.3	0	0.004	26.28	8.32	0	12.87
6/8/2010 7:00	7699	3.006	27.72	1.989	6.368	0.869	101.6	43.09	4.578	53.53	67.98	92.6	99.5	0	3.964	26.26	8.32	0	12.88
6/8/2010 8:00	7700	2.822	24.29	3.566	6.368	1.436	76.09	26.63	4.578	54.3	69.47	92.1	98.8	0	95.2	26.26	8.32	0	12.77
6/8/2010 9:00	7701	6.867	14.88	1.109	11.74	4.622	125.4	27.85	9.95	53.72	75.78	84.9	86.7	0	331.4	26.29	8.32	-0.003	12.57
6/8/2010 10:00	7702	9	4.746	6.374	15.31	5.991	167.1	23.31	11.74	51.98	78.63	78.06	78.66	0	502.1	26.34	8.32	0.003	13.41
6/8/2010 11:00	7703	9.72	323.7	20.61	15.31	6.521	174	21.13	11.74	51.99	82.8	65.92	65.97	0	683	26.36	8.32	-0.001	12.29
6/8/2010 12:00	7704	8.95	306	2.22	15.31	6.333	182.5	23.53	13.52	63.76	87.1	55.58	54.87	0	849	26.38	8.32	0	12.92
6/8/2010 13:00	7705	7.658	312.8	1.971	17.1	5.486	166	36.09	13.52	89.4	90.8	47.36	45.87	0	956	26.39	8.31	-0.01	12.23
6/8/2010 14:00	7706	8.8	316.7	1.365	17.1	6.194	177.4	31.25	13.52	91.5	92.7	44.94	43.02	0	1009	26.38	8.3	-0.013	12.58
6/8/2010 15:00	7707	8.12	320	1.48	17.1	6.312	201.5	44.22	15.31	93.3	94.3	43.49	41.53	0	998	26.37	8.28	-0.019	12.7
6/8/2010 16:00	7708	7.501	323.9	1.555	17.1	5.584	171.5	46.36	13.52	95	96	39.67	37.57	0	922	26.36	8.26	-0.022	12.29
6/8/2010 17:00	7709	7.1	326	0.967	17.1	5.49	190.1	45.57	13.52	95.8	96.6	38.49	36.56	0	786.6	26.35	8.23	-0.029	12.54
6/8/2010 18:00	7710	11.29	326.2	1.741	24.26	7.402	175.3	30.37	17.1	95.8	97.1	39.35	37.32	0	606.8	26.34	8.2	-0.032	12.5
6/8/2010 19:00	7711	13.05	321.5	2.226	24.26	8.01	167	21.68	18.89	93.8	94.9	41.23	39.85	0	336.4	26.32	8.16	-0.032	13.47
6/8/2010 20:00	7712	11.28	317.2	1.694	17.1	6.8	153.9	18.06	13.52	92.7	92.9	41.75	41.34	0	183.4	26.33	8.14	-0.022	12.53
6/8/2010 21:00	7713	10.52	311.2	3.022	17.1	6.138	134.7	19.1	13.52	90.2	89.9	45.11	45.44	0	62.07	26.34	8.12	-0.022	12.75
6/8/2010 22:00	7714	9.07	301.3	2.168	15.31	4.972	129.7	18.43	9.95	85.2	84.2	51.68	53.81	0	0.419	26.34	8.1	-0.015	12.61
6/8/2010 23:00	7715	10.26	296.3	1.217	15.31	6.007	143.6	16.98	11.74	83	82.2	53.44	55.45	0	0.029	26.34	8.09	-0.015	12.53
6/9/2010 0:00	7716	7.33	291.8	1.896	11.74	3.807	148.2	17.32	9.95	80.3	79.13	57.86	61.11	0	0.02	26.35	8.07	-0.019	12.61
6/9/2010 1:00	7717	4.688	287	1.13	9.95	2.077	98.2	42.74	4.578	77.52	75.52	63.23	69.64	0	0.015	26.35	8.06	-0.012	12.17
6/9/2010 2:00	7718	3.892	286.4	2.173	8.16	1.495	179.4	26.26	4.578	74.92	73.43	70.25	76.47	0	0.008	26.33	8.05	-0.009	12.2
6/9/2010 3:00	7719	6.351	284.3	0.83	13.52	2.892	180.1	20.35	8.16	73.96	72.51	72.54	78.84	0	0.005	26.32	8.05	-0.003	12.89
6/9/2010 4:00	7720	7.626	288.5	3.376	11.74	4.465	194.9	18.28	8.16	72.15	71.32	77.94	83.2	0	0.005	26.3	8.04	-0.006	12.37
6/9/2010 5:00	7721	7.105	291.9	3.049	11.74	4.216	195.1	17.65	8.16	71.97	71.21	80	85.1	0	0.003	26.28	8.03	-0.006	12.72
6/9/2010 6:00	7722	7.242	310.1	8.2	13.52	4.265	191.7	23.29	8.16	70.32	69.65	84.1	89.3	0	0.004	26.28	8.03	-0.006	12.89
6/9/2010 7:00	7723	5.737	335.5	7.301	9.95	2.648	172.9	21.99	6.368	68.67	67.47	88	94.8	0	3.688	26.29	8.02	-0.013	14.08
6/9/2010 8:00	7724	5.459	327.3	10.18	9.95	3.234	134.9	22.5	6.368	69.62	69.4	88.7	93.2	0	81	26.3	8.01	-0.003	12.93
6/9/2010 9:00	7725	4.888	293.8	7.001	9.95	3.459	63.2	27.57	8.16	50.37	74.57	81.8	84.1	0	280	26.36	8.01	-0.002	12.29

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/9/2010 10:00	7726	5.262	294.4	2.23	11.74	3.804	116.2	40.37	8.16	77.67	79.55	75.48	75.1	0	487.1	26.4	8	-0.007	12.24
6/9/2010 11:00	7727	7.23	300.6	2.198	13.52	5.149	133	30.65	11.74	81.9	84	69.19	67.51	0	663.4	26.42	8	-0.001	12.48
6/9/2010 12:00	7728	10.59	307.2	1.783	18.89	7.132	127.1	29.18	15.31	85.9	88.3	62.66	60.26	0	825	26.43	7.999	-0.003	12.18
6/9/2010 13:00	7729	12.99	313.6	2.162	20.68	8.54	137.7	23.79	17.1	89.9	92.5	51.87	48.86	0	935	26.44	7.989	-0.01	12.27
6/9/2010 14:00	7730	11.64	319.3	1.419	22.47	7.854	143.9	35.42	17.1	93.2	95.7	44.25	41.1	0	986	26.44	7.97	-0.019	12.33
6/9/2010 15:00	7731	11.29	323.6	1.342	22.47	7.567	145.1	32.58	17.1	95.4	97.9	40.36	37.04	0	982	26.42	7.945	-0.025	12.88
6/9/2010 16:00	7732	12.45	326.7	1.359	24.26	8.23	157.6	31.13	18.89	96.7	99.2	38.11	34.81	0	924	26.41	7.917	-0.029	13.78
6/9/2010 17:00	7733	13.29	328.3	0.923	24.26	8.63	149	27.39	18.89	97.4	99.7	35.8	32.7	0	811	26.38	7.882	-0.035	12.59
6/9/2010 18:00	7734	10.1	329.2	0.972	22.47	6.818	151.1	28.73	18.89	97.7	99.6	33.58	30.74	0	649.8	26.37	7.853	-0.029	12.6
6/9/2010 19:00	7735	10.85	328.7	1.098	20.68	7.13	163.3	27.43	15.31	97.5	99	31.68	29.31	0	463.3	26.36	7.825	-0.029	12.64
6/9/2010 20:00	7736	12.71	324.9	2.062	20.68	7.877	141	20.1	15.31	96.1	96.7	32.87	31.45	0	235.3	26.35	7.79	-0.035	12.86
6/9/2010 21:00	7737	9.81	315.8	3.128	18.89	5.686	135.1	18.6	15.31	92.4	92	38.28	38.15	0	31.4	26.34	7.745	-0.044	14.01
6/9/2010 22:00	7738	7.693	305.7	2.678	11.74	3.926	128.6	17.42	6.368	87.6	86.5	45.02	46.65	0	0.227	26.35	7.733	-0.012	12.96
6/9/2010 23:00	7739	6.061	298.4	1.854	9.95	2.523	124.1	18.32	6.368	84.1	82.1	49.95	53.88	0	0.03	26.35	7.721	-0.012	12.91
6/10/2010 0:00	7740	7.059	294.4	1.447	9.95	3.164	123	16.8	6.368	82.5	79.98	51.46	56.81	0	0.019	26.34	7.715	-0.006	14.01
6/10/2010 1:00	7741	6.892	290.7	1.3	13.52	3.092	134.9	18.22	8.16	79.97	78.28	58.05	62.09	0	0.012	26.32	7.702	-0.013	12.89
6/10/2010 2:00	7742	7.656	289	0.861	11.74	4.291	167.5	30.65	8.16	78.52	77.71	66.75	70.08	0	0.013	26.3	7.696	-0.006	12.93
6/10/2010 3:00	7743	5.287	294.1	4.364	9.95	2.317	176.6	25.1	6.368	75.74	74.66	77.69	82.5	0	0.011	26.28	7.687	-0.009	12.17
6/10/2010 4:00	7744	5.383	327	11.12	9.95	2.1	162.8	15.63	6.368	74.16	72.77	86.6	93	0	0.003	26.27	7.685	-0.002	12.37
6/10/2010 5:00	7745	6.671	352.1	4.107	11.74	3.642	171.1	19.47	8.16	72.82	72.2	92.9	98.2	0	0.003	26.25	7.681	-0.003	12.18
6/10/2010 6:00	7746	6.722	353.8	3.354	13.52	3.781	166.1	19.24	9.95	68.57	71.33	97.9	99.4	0	0.003	26.24	7.679	-0.003	12.58
6/10/2010 7:00	7747	6.297	351.7	2.628	15.31	3.616	161.2	21.92	9.95	39.26	71.03	99.8	99.4	0	4.606	26.23	7.669	-0.009	13.14
6/10/2010 8:00	7748	8.08	355.4	1.364	17.1	5.294	185.7	21.84	11.74	37.44	72.16	98.9	99.4	0	105.2	26.25	7.669	-0.001	12.21
6/10/2010 9:00	7749	12.27	344.3	10.33	18.89	7.936	183	18.02	13.52	42.09	76.84	91	92.3	0	307	26.27	7.664	-0.004	12.19
6/10/2010 10:00	7750	11.95	312.2	5.239	20.68	7.837	180.6	19.23	15.31	48.07	81	80.8	80.3	0	479.4	26.29	7.664	0	12.41
6/10/2010 11:00	7751	11.26	307.4	16.04	18.89	8.13	178.6	20.35	15.31	38.97	86.1	70.64	65.42	0	669	26.3	7.657	-0.007	12.94
6/10/2010 12:00	7752	11.09	313.2	11.56	18.89	8.14	200	19.82	15.31	90	91.2	40.08	49.56	0	842	26.3	7.644	-0.013	12.54
6/10/2010 13:00	7753	12.83	319.3	6.449	22.47	9.18	199.1	20.12	18.89	92.7	94.7	34.78	42.8	0	897	26.31	7.628	-0.016	12.31
6/10/2010 14:00	7754	13.61	325.3	9.25	26.05	9.23	186.5	21.44	18.89	95	97.4	31.2	38.53	0	977	26.31	7.603	-0.025	12.71
6/10/2010 15:00	7755	13.4	331.3	12.95	26.05	9.09	184.7	23.87	20.68	97.4	99.9	27.11	33.92	0	951	26.29	7.568	-0.035	12.61
6/10/2010 16:00	7756	13.77	342.2	25.94	29.63	9.64	199	21.29	20.68	99.6	101.8	20.94	27.41	0	859	26.28	7.53	-0.038	12.54
6/10/2010 17:00	7757	16.08	338	18.68	36.78	10.34	185.1	23.24	24.26	99.3	100.9	20.48	27.38	0	506.4	26.26	7.482	-0.048	12.71
6/10/2010 18:00	7758	13.02	329.4	4.515	27.84	8.66	195.9	21.44	22.47	99.2	99.9	15.98	22.96	0	300.7	26.23	7.451	-0.032	12.88
6/10/2010 19:00	7759	17.78	336.4	21.85	36.78	11.26	176	27.96	26.05	97	97.7	18.23	25.26	0	270.1	26.21	7.416	-0.035	12.99
6/10/2010 20:00	7760	18.39	345.1	31.04	31.42	10.96	143.7	18.53	22.47	91.1	91.3	24.51	32.81	0	112.4	26.2	7.371	-0.044	14.11
6/10/2010 21:00	7761	11.96	309.6	9.29	20.68	7.125	144.6	17.88	15.31	89.2	89	25.98	34.77	0	43.48	26.2	7.352	-0.019	12.79
6/10/2010 22:00	7762	10.03	304.2	11.76	17.1	5.977	151	17.28	11.74	85.9	85.5	29.82	39.41	0	0.617	26.21	7.331	-0.021	12.68
6/10/2010 23:00	7763	11.89	316.4	32.72	22.47	6.875	159.4	27.02	17.1	83.6	82.9	32.62	42.74	0	0.042	26.23	7.316	-0.015	12.87
6/11/2010 0:00	7764	11.7	311.1	29.35	22.47	7.147	184	17.04	15.31	78.35	77.84	42.03	53.16	0	0.031	26.23	7.297	-0.019	12.35
6/11/2010 1:00	7765	9.12	302.7	26.71	24.26	5.369	185	15.46	13.52	76.17	75.31	44.33	56.52	0	0.014	26.22	7.281	-0.016	13.75
6/11/2010 2:00	7766	9.1	311.2	31.93	17.1	5.318	187.4	15.7	11.74	75.64	74.54	43.64	56.26	0	0.005	26.2	7.276	-0.005	12.68
6/11/2010 3:00	7767	10.35	312.2	34.69	17.1	6.125	182.3	16.61	11.74	74.53	73.8	46.62	58.84	0	0.004	26.19	7.266	-0.009	12.22
6/11/2010 4:00	7768	11.4	305.3	65.21	22.47	6.807	181.6	16.59	17.1	73.89	73.2	52.04	65.19	0	0.003	26.18	7.26	-0.006	12.26
6/11/2010 5:00	7769	13.52	301.7	30	24.26	7.835	174.8	17.44	15.31	73.64	73.13	57.89	71.57	0	0.006	26.18	7.257	-0.004	12.41
6/11/2010 6:00	7770	12.1	294.4	17.45	20.68	7.325	184.2	16.44	13.52	71.97	71.51	66.09	80.8	0	0.004	26.18	7.222	-0.035	12.19

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/11/2010 7:00	7771	9.07	313.2	10.32	13.52	5.684	199.4	14.19	9.95	70.11	69.53	73.26	88.9	0	2.824	26.19	7.21	-0.012	12.92
6/11/2010 8:00	7772	9.14	320.4	6.322	18.89	6.098	202.1	14.13	13.52	70.41	70.23	76.48	91.1	0	100.1	26.19	7.207	-0.004	12.16
6/11/2010 9:00	7773	13.19	300.3	6.176	18.89	8.83	199.6	14.3	15.31	73.19	74.1	72.5	85.1	0	295.1	26.21	7.205	-0.002	12.2
6/11/2010 10:00	7774	11.28	293.6	4.116	17.1	8.06	202.9	16.34	13.52	77.73	79.2	62.65	73.72	0	501.5	26.25	7.201	-0.003	12.48
6/11/2010 11:00	7775	10.76	299.1	2.472	18.89	8.21	224	17.76	15.31	82.2	83.5	49.68	59.67	0	683.9	26.27	7.197	-0.004	12.52
6/11/2010 12:00	7776	9.09	310.2	3.632	17.1	7.28	259.4	22	13.52	89.3	90.2	30.55	39.26	0	854	26.28	7.188	-0.01	12.34
6/11/2010 13:00	7777	9.26	319.9	2.402	18.89	7.371	258.7	28.58	15.31	95	96	16.36	23.25	0	966	26.29	7.172	-0.016	12.62
6/11/2010 14:00	7778	11.39	325.3	6.713	22.47	8.91	240.1	24.61	18.89	97.4	98.5	12.69	18.71	0	1015	26.3	7.14	-0.032	12.23
6/11/2010 15:00	7779	12.53	331.6	15.64	20.68	9.75	231.6	21.89	18.89	98.1	99.4	10.58	16.05	0	1014	26.3	7.105	-0.035	12.87
6/11/2010 16:00	7780	12.12	331.3	10.28	34.99	9.5	243.4	25.32	33.21	98.8	100	10.56	15.99	0	945	26.29	7.07	-0.035	12.45
6/11/2010 17:00	7781	11.95	330.8	3.991	27.84	9.05	225.7	25.09	20.68	99.6	100.9	8.61	13.74	0	825	26.28	7.026	-0.044	12.39
6/11/2010 18:00	7782	11.02	330.2	1.068	22.47	8.33	228.9	30.03	18.89	99.5	100.7	7.788	12.72	0	674.3	26.27	6.988	-0.038	12.91
6/11/2010 19:00	7783	11.37	334.5	11.46	20.68	8.01	201.3	20.19	15.31	99.4	100.4	9.39	14.78	0	476.3	26.26	6.934	-0.054	12.42
6/11/2010 20:00	7784	11.59	341.9	23.24	20.68	7.706	192.9	18.67	15.31	98.7	98.8	9.54	15.37	0	268.3	26.25	6.896	-0.038	13.16
6/11/2010 21:00	7785	13.46	337.1	29.41	34.99	7.838	169.9	17.07	24.26	94	93.9	21.89	29.45	0	72.83	26.26	6.868	-0.029	12.79
6/11/2010 22:00	7786	19.2	3.899	39.56	34.99	11.34	165.3	17.59	24.26	86.3	86.1	44.43	55.49	0	0.557	26.27	6.845	-0.022	12.62
6/11/2010 23:00	7787	12.92	325.7	34.4	24.26	7.545	164.4	18.37	17.1	81.7	81.3	54.13	66.92	0	0.037	26.27	6.834	-0.012	12.74
6/12/2010 0:00	7788	12.68	340.3	34.14	22.47	7.484	146.4	17.57	15.31	79.48	79.11	60.21	73.85	0	0.019	26.27	6.821	-0.013	12.45
6/12/2010 1:00	7789	16.05	358.6	39.84	33.21	9.52	159.9	16.64	20.68	78.18	77.94	67.74	82.2	0	0.016	26.26	6.812	-0.01	12.26
6/12/2010 2:00	7790	16.21	0.463	36.03	26.05	9.57	165.5	17.13	18.89	76.89	76.66	72.67	87.6	0	0.01	26.25	6.805	-0.006	12.16
6/12/2010 3:00	7791	16.34	0.318	35.46	29.63	9.54	166.7	16.87	18.89	76.39	76.13	73.62	88.9	0	0.007	26.24	6.796	-0.009	12.59
6/12/2010 4:00	7792	13.45	345.5	23.46	22.47	7.908	165.7	17.75	17.1	75.24	74.89	74.91	90.4	0	0.009	26.23	6.79	-0.007	12.71
6/12/2010 5:00	7793	10.21	345.7	15.27	18.89	5.989	164.5	18.14	13.52	73.82	73.36	76.37	92.3	0	0.005	26.23	6.775	-0.015	12.31
6/12/2010 6:00	7794	11.5	349	18.36	20.68	6.72	164.7	19.44	13.52	72.53	72.03	76.67	92.8	0	0.002	26.25	6.772	-0.003	12.24
6/12/2010 7:00	7795	13.05	348.2	25.31	22.47	7.57	149.7	16.77	17.1	71.57	71.19	73.62	89.3	0	3.191	26.25	6.769	-0.003	12.2
6/12/2010 8:00	7796	14.53	328.8	25.72	26.05	8.59	155.7	17.19	18.89	72.48	72.46	70.32	84.8	0	96.5	26.27	6.765	-0.004	12.25
6/12/2010 9:00	7797	19.87	335.9	34.26	31.42	12.05	171.3	17.12	22.47	74.88	75.71	66.6	79.17	0	284	26.28	6.758	-0.007	12.88
6/12/2010 10:00	7798	17.06	326	34.24	27.84	10.76	181.8	17.99	20.68	77.65	79.14	62.71	73.83	0	485.3	26.32	6.751	-0.006	12.18
6/12/2010 11:00	7799	15.17	322.1	30.6	24.26	9.87	182.4	21.32	18.89	80.9	83	56.82	66.34	0	666.5	26.33	6.741	-0.01	12.92
6/12/2010 12:00	7800	12.28	324.3	27.53	26.05	8.43	184.1	21.14	18.89	84.9	87	47.46	56.05	0	833	26.35	6.725	-0.016	13.07
6/12/2010 13:00	7801	12	342.6	34.27	24.26	8.14	172.8	24.9	17.1	87.8	90.2	43.6	51.3	0	939	26.37	6.712	-0.013	13.07
6/12/2010 14:00	7802	12.47	342.2	30.44	22.47	8.32	167.1	24.9	17.1	90.1	92.9	40.71	47.85	0	991	26.37	6.687	-0.025	12.88
6/12/2010 15:00	7803	13.44	344.7	30.72	26.05	8.77	162.4	25.78	20.68	92.9	95.9	36.43	43.26	0	971	26.36	6.658	-0.029	12.82
6/12/2010 16:00	7804	12.45	343.9	27.66	24.26	8.34	169.7	26.83	17.1	94.6	97.1	34.08	40.96	0	905	26.35	6.62	-0.038	13.5
6/12/2010 17:00	7805	14.64	353.2	32.96	27.84	9.44	171.3	27.31	20.68	96.3	98.7	31.73	38.67	0	791.8	26.33	6.592	-0.029	13.03
6/12/2010 18:00	7806	18.6	3.154	40.97	31.42	11.21	156.2	19.15	24.26	93.3	94.8	38.64	47.35	0	397.6	26.31	6.557	-0.035	12.97
6/12/2010 19:00	7807	20.87	358.3	33.31	31.42	12.69	150.4	17.86	24.26	92.2	94	41.33	49.81	0	503	26.29	6.522	-0.035	13
6/12/2010 20:00	7808	23.04	1.29	35.42	34.99	13.82	148.1	17.89	29.63	90.9	91.5	42.98	52.99	0	199.8	26.28	6.481	-0.041	12.94
6/12/2010 21:00	7809	20.76	2.278	35.83	33.21	12.27	155	17.46	24.26	88.3	88.5	46.07	56.96	0	54.24	26.3	6.452	-0.029	12.21
6/12/2010 22:00	7810	19.22	2.406	39.34	33.21	11.22	159.7	16.86	22.47	84.7	84.6	51.95	64.06	0	0.743	26.3	6.434	-0.018	12.92
6/12/2010 23:00	7811	19.05	4.646	44.47	31.42	11.23	156.1	16.87	24.26	81.9	81.7	57.02	69.93	0	0.044	26.31	6.412	-0.022	12.25
6/13/2010 0:00	7812	21.11	4.599	44.47	45.73	12.41	157	16.79	31.42	79.72	79.56	62.03	75.57	0	0.037	26.31	6.4	-0.013	12.17
6/13/2010 1:00	7813	21.59	4.638	42.19	43.94	12.61	161.3	16.43	24.26	78.47	78.27	64.43	78.4	0	0.02	26.3	6.384	-0.016	12.24
6/13/2010 2:00	7814	22.82	5.865	46.33	36.78	13.25	164.6	17.27	24.26	78.06	77.85	65.17	79.27	0	0.018	26.28	6.371	-0.013	12.29
6/13/2010 3:00	7815	19.19	335.3	84.6	36.78	11.87	182.4	19.01	26.05	77.6	77.55	68.77	82.9	0	0.018	26.31	6.365	-0.006	12.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/13/2010 4:00	7816	19.85	331.2	19.07	31.42	11.53	167.4	16.97	22.47	76.31	76.16	72.91	87.6	0	0.016	26.29	6.362	-0.003	12.24
6/13/2010 5:00	7817	17.24	337.8	5.538	27.84	10.27	175.7	16.98	18.89	75.01	74.83	76.32	91.4	0	0.008	26.29	6.355	-0.006	12.24
6/13/2010 6:00	7818	13.43	350.4	2.902	24.26	8.14	185.5	15.65	17.1	73.82	73.5	78.37	94	0	0.005	26.29	6.35	-0.006	12.15
6/13/2010 7:00	7819	11.69	356	1.237	17.1	7.259	191.2	14.38	13.52	72.84	72.46	80.9	96.8	0	3.187	26.31	6.343	-0.006	12.34
6/13/2010 8:00	7820	12.58	356.3	2.221	20.68	8.32	198.1	14.05	17.1	73.73	73.7	81.2	96.2	0	93.5	26.33	6.343	-0.001	12.22
6/13/2010 9:00	7821	14.39	327.5	12.63	22.47	9.6	198	14.71	18.89	76.47	77.26	75.74	88.8	0	271	26.36	6.343	0	12.24
6/13/2010 10:00	7822	12.63	299.1	1.98	20.68	9.19	215.2	20.86	17.1	80.1	81.3	58.55	69.87	0	487.4	26.39	6.336	-0.007	12.43
6/13/2010 11:00	7823	10.51	302.4	1.952	18.89	8.5	263.7	21.91	17.1	84.2	85.2	33.35	42.48	0	679.6	26.4	6.322	-0.014	12.94
6/13/2010 12:00	7824	11.14	307.6	1.467	20.68	9.15	288.9	26.18	18.89	86.9	88.1	20.07	27.52	0	854	26.41	6.307	-0.016	12.31
6/13/2010 13:00	7825	7.715	312.6	1.631	17.1	6.476	258.6	40.24	15.31	89.7	90.5	17.12	24.03	0	967	26.43	6.291	-0.016	12.96
6/13/2010 14:00	7826	6.948	316	1.631	20.68	5.956	258.3	68.27	17.1	92	92.8	15.84	22.47	0	1018	26.43	6.269	-0.022	13.37
6/13/2010 15:00	7827	8.04	319.3	1.733	18.89	6.431	265.3	66.44	15.31	93.8	94.8	14.96	21.31	0	1012	26.42	6.237	-0.032	13.42
6/13/2010 16:00	7828	7.818	322	1.423	18.89	6.39	225.3	54.05	15.31	94.8	95.9	14.84	20.89	0	954	26.41	6.189	-0.048	12.93
6/13/2010 17:00	7829	8.09	324.6	1.134	20.68	6.346	224.1	42.12	17.1	95.9	97	14.44	20.35	0	835	26.39	6.161	-0.029	13.31
6/13/2010 18:00	7830	9.71	325.2	1.081	18.89	7.406	209.4	30.45	15.31	96	97.3	14.63	20.5	0	672.9	26.36	6.129	-0.032	12.93
6/13/2010 19:00	7831	10.59	324.3	0.967	29.63	7.651	207.5	32.17	22.47	95.8	97	14.71	20.75	0	479.5	26.33	6.094	-0.035	13
6/13/2010 20:00	7832	13.34	321.6	2.678	24.26	9.34	211	18.88	17.1	94.8	95.1	13.89	20.31	0	269.5	26.33	6.05	-0.044	12.93
6/13/2010 21:00	7833	7.567	315.3	2.872	15.31	5.144	221.7	21.88	11.74	92.7	92.4	14.26	21.16	0	75.55	26.34	6.021	-0.029	14.42
6/13/2010 22:00	7834	10.31	303.4	4.727	22.47	5.907	175.3	35.67	15.31	87.6	86.4	33.33	43.17	0	0.815	26.34	6.009	-0.012	12.38
6/13/2010 23:00	7835	15.98	344.2	46.37	34.99	9.18	154.7	25.72	24.26	76.06	75.16	64.94	82.7	0.01	0.058	26.37	5.997	-0.012	13.06
6/14/2010 0:00	7836	9.46	3.603	2.099	15.31	5.309	194.5	15.29	11.74	75.36	73.85	69.48	87.9	0	0.001	26.32	5.986	-0.011	14.68
6/14/2010 1:00	7837	4.536	5.016	1.824	13.52	2.196	219.8	22.63	8.16	74.26	73.42	80	97.3	0	0.005	26.32	5.982	-0.003	14.63
6/14/2010 2:00	7838	2.569	4.757	1.72	6.368	0.37	233.4	13.1	4.578	73.41	72.14	82.1	99.5	0	0.003	26.32	5.976	-0.006	12.26
6/14/2010 3:00	7839	0.359	4.35	0.614	4.578	0.007	190	2.205	2.789	73.19	71.8	82.1	99.5	0	0.003	26.31	5.974	-0.003	12.27
6/14/2010 4:00	7840	0	0	0	0	0.043	313	0.345	2.789	73.3	72.13	80.9	99.3	0	0.003	26.31	5.974	0	12.24
6/14/2010 5:00	7841	4.751	4.827	1.928	8.16	2.247	102.6	37.99	4.578	73.45	71.2	79.7	99.4	0	0.002	26.31	5.973	0	12.86
6/14/2010 6:00	7842	6.365	3.635	1.987	9.95	3.006	134.2	20.57	6.368	72	70.6	82.5	99.5	0	0.002	26.3	5.97	-0.003	14.69
6/14/2010 7:00	7843	7.407	2.007	1.767	15.31	4.002	154.9	20.94	9.95	71.18	70.42	85.3	99.5	0	1.969	26.3	5.97	0	14.72
6/14/2010 8:00	7844	5.145	2.207	1.819	9.95	2.892	158.8	16.98	8.16	71.99	71.79	85.7	99.4	0	75.79	26.31	9.43	3.464	12.93
6/14/2010 9:00	7845	10.95	1.08	4.304	18.89	6.84	167.4	18.58	13.52	74.23	74.91	82.5	96.5	0	207.5	26.33	9.43	-0.002	12.63
6/14/2010 10:00	7846	11.94	336.8	14.7	17.1	7.751	182.4	19.7	13.52	76.79	78.05	75.83	88.3	0	377.3	26.34	9.43	0	12.78
6/14/2010 11:00	7847	11.16	309	10.81	18.89	7.639	190.9	20.35	15.31	79.19	80.9	70.39	81.2	0	471.9	26.36	9.44	0.003	12.53
6/14/2010 12:00	7848	8.18	303.2	1.412	13.52	6.014	192.8	24.84	11.74	82	83.5	64.16	74.63	0	526.1	26.37	9.43	-0.001	12.29
6/14/2010 13:00	7849	8.05	310.1	5.084	17.1	6.087	191.8	35.66	15.31	86	87.8	55.78	64.84	0	951	26.38	9.43	0	13.43
6/14/2010 14:00	7850	9.91	315.6	1.859	20.68	7.329	193.3	28.62	15.31	89.6	91.9	44.47	52.1	0	1001	26.37	9.43	0	12.5
6/14/2010 15:00	7851	10.7	319.5	2.99	20.68	8.04	204.2	31.7	17.1	91.7	93.7	39.69	47.42	0	886	26.35	9.43	0	12.87
6/14/2010 16:00	7852	10.33	321	8.29	22.47	8.09	231.7	27.95	18.89	92.6	94.2	33.8	41.58	0	613.9	26.34	9.43	0	12.95
6/14/2010 17:00	7853	10.99	318.8	1.507	20.68	8.28	229.3	36.7	17.1	92.9	94.1	33.07	41.35	0	505.8	26.31	9.43	0	12.99
6/14/2010 18:00	7854	9.58	322.5	3.02	24.26	7.756	266.6	30.54	18.89	94.5	95.5	29.44	37.49	0	642.7	26.28	9.43	0	13.03
6/14/2010 19:00	7855	13.37	325.9	18.19	24.26	10.7	299.9	26.52	20.68	95.1	96.1	17.27	24.26	0	483.4	26.27	9.43	-0.003	13.06
6/14/2010 20:00	7856	9.79	321	0.983	18.89	8.01	302.8	20.57	15.31	95	95.1	12.35	18.98	0	316.7	26.28	9.41	-0.019	14.67
6/14/2010 21:00	7857	10.71	313.3	6.758	24.26	7.431	15.76	59.63	20.68	89.9	90.5	28.87	36.87	0	112.4	26.3	9.39	-0.025	13.33
6/14/2010 22:00	7858	11.28	296.8	2.955	22.47	7.133	72.76	17.33	15.31	80.4	80.4	53.84	65.86	0	2.536	26.3	9.37	-0.018	12.2
6/14/2010 23:00	7859	7.461	290.2	1.384	11.74	4.643	90.9	21.79	8.16	77.24	76.89	59.07	72.32	0	0.025	26.3	9.35	-0.016	12.2
6/15/2010 0:00	7860	7.459	289.4	0.96	13.52	4.292	118.6	20.29	8.16	75.64	75.02	63.81	78.28	0	0.014	26.31	9.34	-0.012	13.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/15/2010 1:00	7861	8.67	290.2	2.315	17.1	5.642	93.7	19.72	11.74	74.49	74.17	65.71	79.86	0	0.016	26.3	9.33	-0.015	12.31
6/15/2010 2:00	7862	9.51	298.4	2.394	15.31	6.078	84.8	20.49	11.74	72.39	72.2	69.88	84.2	0	0.014	26.31	9.31	-0.012	12.77
6/15/2010 3:00	7863	9.72	313.8	7.58	15.31	6.118	85.4	18.5	11.74	70.76	70.56	73.26	87.9	0	0.004	26.29	9.3	-0.009	12.61
6/15/2010 4:00	7864	9.66	335.9	4.82	15.31	6.238	90.9	17.72	11.74	69	68.89	78.12	92.9	0	0.004	26.29	9.3	-0.005	12.89
6/15/2010 5:00	7865	7.378	343.3	1.387	11.74	5.079	95.7	17.28	9.95	67.96	67.74	81.2	96.5	0	0.005	26.28	9.29	-0.009	12.43
6/15/2010 6:00	7866	9.9	345.8	1.055	15.31	6.161	80.4	18.88	11.74	67.11	66.97	83.2	98.4	0	0.003	26.28	9.29	-0.003	12.38
6/15/2010 7:00	7867	11.34	346.4	1.724	17.1	7.076	71.72	17.31	13.52	65.53	65.53	87.7	99.4	0	1.804	26.3	9.28	-0.01	12.26
6/15/2010 8:00	7868	11.37	351	1.453	18.89	6.955	78.23	18	13.52	66.96	67.09	88.9	99.4	0	39.58	26.32	9.27	-0.003	12.2
6/15/2010 9:00	7869	11.99	353.9	0.958	18.89	7.204	51.47	18.71	13.52	69.86	70.17	86	99.4	0	36.18	26.36	9.26	-0.01	12.73
6/15/2010 10:00	7870	13.46	332.6	14.41	22.47	8.85	83.6	26	18.89	72.87	74.38	79.28	91.5	0	413.1	26.38	9.26	-0.003	12.71
6/15/2010 11:00	7871	13.94	306.4	3.709	24.26	9.32	98.9	22.21	17.1	75.78	78.13	72.95	83.3	0	592.2	26.41	9.26	-0.003	12.72
6/15/2010 12:00	7872	13.75	299.6	1.022	24.26	9.28	98	23.75	17.1	78.28	80.8	67.75	77.54	0	665.2	26.43	9.25	-0.008	12.42
6/15/2010 13:00	7873	15.44	299.8	0.91	26.05	10.27	78.39	20.91	18.89	79.13	81.8	65.78	75.39	0	771.8	26.44	9.24	-0.007	13.06
6/15/2010 14:00	7874	13.05	302.8	9.14	26.05	9.37	128.6	54.29	18.89	82.8	84.5	58.9	69.57	0	653.5	26.44	9.23	-0.016	13.01
6/15/2010 15:00	7875	7.115	313.8	1.751	17.1	9.79	180.6	17.99	22.47	94.3	89.3	39.96	57.55	0	756.1	26.42	9.04	-0.187	12.98
6/15/2010 16:00	7876	5.751	318.8	10.21	18.89	8.47	177.4	20.76	20.68	96.5	91.2	33.73	50.06	0	694	26.42	9.02	-0.019	13.91
6/15/2010 17:00	7877	2.948	358.9	37.1	22.47	3.388	140.2	17.19	27.84	93.2	90.6	37.72	50.88	0.11	572.9	26.41	8.98	-0.044	13.06
6/15/2010 18:00	7878	13.15	122	39.03	26.05	9.56	144.6	21.82	20.68	91.3	90.8	40.9	51.96	0	612.9	26.4	8.96	-0.022	13.05
6/15/2010 19:00	7879	14.81	132.3	16.6	24.26	9.26	140.7	24.1	17.1	89.6	91.4	42.2	50.73	0	468.5	26.39	8.92	-0.032	13.09
6/15/2010 20:00	7880	16.71	144.8	12.26	27.84	10.05	153.2	19.14	20.68	88.9	89.8	43.23	52.82	0	214.5	26.39	8.9	-0.025	13.07
6/15/2010 21:00	7881	16.3	157.8	9.31	24.26	9.56	165.9	16.69	18.89	85	85	46.98	58.07	0	14.54	26.39	8.87	-0.029	13.13
6/15/2010 22:00	7882	9.63	146.5	10.55	18.89	5.694	154.2	17.34	15.31	82.9	82.5	47.38	59.22	0	0.573	26.4	8.85	-0.021	13.07
6/15/2010 23:00	7883	10.33	151.4	9.88	18.89	5.919	158.9	16.56	13.52	80.8	80.3	49.19	61.38	0	0.036	26.4	8.83	-0.016	12.26
6/16/2010 0:00	7884	9.42	147.3	12.41	17.1	5.46	154	18.88	11.74	78.57	77.93	53.35	66.43	0	0.033	26.41	8.81	-0.029	14.49
6/16/2010 1:00	7885	10.85	140.2	9.1	17.1	6.202	147.4	17.17	13.52	77.2	76.59	57.78	71.46	0	0.019	26.4	8.8	-0.009	12.31
6/16/2010 2:00	7886	9.03	145.2	8.34	17.1	4.965	151.6	15.92	9.95	75.56	74.9	61.86	76.18	0	0.025	26.39	8.78	-0.019	14.07
6/16/2010 3:00	7887	8.38	131.6	9.38	13.52	4.516	136.4	18.73	9.95	73.58	72.82	65.59	80.6	0	0.012	26.38	8.77	-0.009	13.25
6/16/2010 4:00	7888	8.57	125	10.29	13.52	4.746	130.5	19.23	8.16	72.02	71.27	69.01	84.4	0	0.008	26.37	8.76	-0.006	13.27
6/16/2010 5:00	7889	8.26	115.8	8.39	13.52	4.608	120.6	17.55	9.95	70.56	69.93	72.68	88.2	0	0.005	26.36	8.76	-0.005	13.18
6/16/2010 6:00	7890	5.964	126	8.53	9.95	2.678	126.7	16.64	6.368	68.41	67.31	77.14	94	0	0.002	26.37	8.75	-0.003	14.16
6/16/2010 7:00	7891	5.959	128.1	7.812	9.95	2.675	126.3	15.94	6.368	67.9	66.73	78.6	95.9	0	2.79	26.37	8.75	-0.003	12.18
6/16/2010 8:00	7892	10.73	149.2	11.4	22.47	6.235	155.1	18.8	15.31	70.13	69.88	76.96	91.9	0	92.8	26.39	8.75	0	12.51
6/16/2010 9:00	7893	17.09	161.7	9.67	26.05	10.34	169.4	16.65	18.89	73.99	75.03	72.12	84.3	0	292.7	26.42	7.813	-0.938	12.82
6/16/2010 10:00	7894	17.85	164.3	11.43	26.05	10.82	172	17.43	20.68	77.3	78.95	64.8	75.57	0	493	26.45	7.81	-0.003	13.38
6/16/2010 11:00	7895	17.43	167.1	12.54	26.05	10.84	175	18.1	20.68	80.7	82.8	57.3	66.72	0	670.1	26.46	7.79	-0.02	12.7
6/16/2010 12:00	7896	16.21	169.7	13.89	29.63	10.43	177.7	19.4	20.68	83.8	86.3	51.24	59.39	0	834	26.47	7.777	-0.013	12.74
6/16/2010 13:00	7897	15.55	165	14.49	26.05	9.92	171.7	20.59	18.89	87.3	90.1	43.38	50.67	0	946	26.47	7.764	-0.013	13.37
6/16/2010 14:00	7898	16.07	166.1	19.06	27.84	10.45	174.8	24.33	20.68	89.3	92.3	38.3	45.05	0	998	26.47	7.739	-0.025	12.18
6/16/2010 15:00	7899	15.62	157.6	16.03	27.84	10.09	165	22.64	20.68	91.9	94.8	32.38	38.89	0	999	26.46	7.714	-0.025	12.23
6/16/2010 16:00	7900	18.64	155.4	16.5	29.63	11.62	162.5	22.36	22.47	92.8	95.8	27.16	33.36	0	947	26.45	7.676	-0.038	14.18
6/16/2010 17:00	7901	20.14	152.3	15.53	31.42	12.45	159.8	21.56	24.26	93.5	96.1	26.09	32.41	0	834	26.43	7.638	-0.038	13.01
6/16/2010 18:00	7902	20.31	154.2	14.65	34.99	12.42	160.6	20.98	27.84	93.1	95.4	26.35	33.05	0	674.6	26.41	7.6	-0.038	13.88
6/16/2010 19:00	7903	21.09	151.8	11.1	33.21	12.55	159	18.37	26.05	92	93.7	27.31	34.59	0	485.5	26.4	7.555	-0.044	13.06
6/16/2010 20:00	7904	19.82	150.1	11.06	31.42	11.64	157.6	18.05	22.47	88.9	89.4	32.12	40.88	0	164.4	26.39	7.511	-0.044	14.25
6/16/2010 21:00	7905	17.03	151.4	8.96	26.05	10.05	158.1	15.96	20.68	85.2	85	39.32	49.55	0	15.33	26.38	7.483	-0.028	13.06

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/16/2010 22:00	7906	17.01	150.6	9.21	27.84	9.83	157.3	16.55	20.68	82.6	82.2	44.4	55.51	0	0.352	26.38	7.461	-0.021	12.81
6/16/2010 23:00	7907	14.11	154.1	8.84	24.26	8.22	161	16.45	20.68	80.7	80.4	47.74	59.34	0	0.036	26.4	7.446	-0.016	13.02
6/17/2010 0:00	7908	10.67	164	11.44	18.89	6.312	171.3	18.4	13.52	78.83	78.5	51.91	64.14	0	0.025	26.42	7.436	-0.01	12.22
6/17/2010 1:00	7909	12.13	152.8	13.66	20.68	7.095	159.7	20.34	15.31	78.12	77.86	55.21	67.88	0	0.024	26.42	7.427	-0.01	13
6/17/2010 2:00	7910	15.26	144.4	8.9	24.26	8.87	150.4	16.33	17.1	77.02	76.8	56.4	69.23	0	0.018	26.38	7.417	-0.009	13.11
6/17/2010 3:00	7911	15.95	149.8	9.41	27.84	9.31	155.6	16.81	18.89	76.14	75.84	57.45	70.55	0	0.014	26.36	7.408	-0.01	13.92
6/17/2010 4:00	7912	15.56	164.5	10.53	27.84	9.21	172.1	17.99	22.47	74.66	74.42	65.91	79.72	0	0.02	26.35	7.398	-0.009	12.16
6/17/2010 5:00	7913	13.03	170.9	9.19	24.26	7.854	179	16.24	17.1	72.71	72.49	73.26	87.8	0	0.01	26.35	7.386	-0.012	12.29
6/17/2010 6:00	7914	11.98	170.5	10.75	20.68	7.214	178.5	17.1	18.89	71	70.77	77.09	92.1	0	0.008	26.34	7.38	-0.006	12.82
6/17/2010 7:00	7915	10.66	162.4	10	18.89	6.309	169.7	17.31	13.52	69.81	69.58	80.4	95.7	0	2.849	26.33	7.375	-0.006	14.58
6/17/2010 8:00	7916	10.52	162.9	9.84	18.89	6.455	169.9	17.36	13.52	70.1	70.27	81	95.2	0	89.7	26.35	7.374	0	12.97
6/17/2010 9:00	7917	14.27	164.6	10.48	22.47	8.72	171.6	17.65	18.89	72.2	73.37	76.11	88.2	0	281.5	26.37	7.373	-0.001	12.25
6/17/2010 10:00	7918	15.53	170.1	10.39	27.84	9.67	177.9	17.69	20.68	75.5	77.17	67.79	78.57	0	444.1	26.38	7.369	-0.003	12.44
6/17/2010 11:00	7919	15.25	172.8	12.87	24.26	9.79	180.5	19.02	18.89	79.43	81.7	59.86	68.95	0	672.7	26.4	7.366	-0.004	12.45
6/17/2010 12:00	7920	14.1	178.8	15.85	20.68	9.45	186.3	20.94	17.1	83.3	85.8	52.55	60.69	0	836	26.41	7.356	-0.01	12.76
6/17/2010 13:00	7921	12.02	180.3	18.52	20.68	8.36	187.5	23.93	15.31	87.3	89.8	45.8	53.22	0	943	26.43	7.34	-0.016	12.73
6/17/2010 14:00	7922	11.03	181.8	24.66	22.47	7.802	189.7	27.83	18.89	90.8	93.2	39.74	46.86	0	991	26.43	7.327	-0.013	12.54
6/17/2010 15:00	7923	9.54	171.4	37.43	22.47	6.673	177.7	41.02	17.1	93.5	95.7	33.84	40.82	0	990	26.42	7.305	-0.022	12.87
6/17/2010 16:00	7924	11.56	164.2	23.19	22.47	7.829	171.9	28.15	17.1	94.7	97.3	31.03	37.55	0	933	26.41	7.273	-0.032	12.44
6/17/2010 17:00	7925	13.89	176.3	19.1	26.05	9.41	184.6	23.71	20.68	95.8	98.2	29.1	35.62	0	820	26.39	7.241	-0.032	12.32
6/17/2010 18:00	7926	14.62	167.1	19.58	27.84	9.54	175.5	24.66	24.26	96.4	98.6	27.12	33.84	0	664	26.38	7.175	-0.067	13.75
6/17/2010 19:00	7927	17.67	154.7	16.18	27.84	10.83	162.3	22.52	20.68	95.2	97	28.76	36.06	0	456.6	26.37	7.124	-0.051	12.67
6/17/2010 20:00	7928	16.8	153.3	9.94	26.05	9.84	160.6	17.48	20.68	91	91.2	33.84	43.1	0	34.82	26.37	7.093	-0.032	13.31
6/17/2010 21:00	7929	15.54	155	10.36	24.26	9.11	162.3	17.49	17.1	88.1	88.2	38.34	48.08	0	52.34	26.38	7.067	-0.025	14.13
6/17/2010 22:00	7930	16.29	162.4	14.4	27.84	9.7	169.7	20.58	20.68	84.6	84.6	44.52	55.21	0	1.345	26.36	7.045	-0.022	12.66
6/17/2010 23:00	7931	18.94	158.6	9.2	29.63	11.06	165.4	16.81	22.47	81.6	81.4	50.61	62.28	0	0.049	26.36	7.03	-0.015	12.88
6/18/2010 0:00	7932	15.76	161.9	9.25	26.05	9.26	168.9	16.48	18.89	78.78	78.52	55.62	68.27	0	0.028	26.37	7.005	-0.025	14.25
6/18/2010 1:00	7933	12.87	152.7	9.54	34.99	7.488	159.2	17.56	18.89	76.45	76.14	60.85	74.28	0	0.019	26.37	6.993	-0.012	12.85
6/18/2010 2:00	7934	8.21	155.1	9.78	15.31	4.585	161.4	17.58	9.95	74.3	73.74	65.69	80.2	0	0.013	26.37	6.961	-0.031	12.27
6/18/2010 3:00	7935	6.262	139.6	23.67	9.95	3.189	138.7	33.33	6.368	71.82	70.9	70.97	86.7	0	0.006	26.35	6.962	0	12.24
6/18/2010 4:00	7936	7.377	79.94	9.13	11.74	4.334	78.36	17.4	8.16	69.99	69.43	74.46	89.7	0	0.004	26.34	6.957	-0.005	12.8
6/18/2010 5:00	7937	6.675	96	15.66	11.74	3.725	93.6	20.46	8.16	69.2	68.41	76.89	92.9	0	0.003	26.34	6.95	-0.006	12.8
6/18/2010 6:00	7938	9.19	86.2	15.17	15.31	5.657	87.2	20.33	11.74	68.38	68	78.29	93.7	0	0.003	26.33	6.947	-0.003	12.42
6/18/2010 7:00	7939	6.455	89.7	15.91	13.52	3.81	87.7	21.56	8.16	66.87	66.42	81.7	97.4	0	4.995	26.34	6.944	-0.003	13.39
6/18/2010 8:00	7940	7.94	121.7	16.3	13.52	4.98	125.2	24.71	9.95	68.71	68.72	81.7	96.3	0	78.79	26.34	6.941	-0.003	12.21
6/18/2010 9:00	7941	9.63	149.5	15.7	18.89	6.183	157	22.16	13.52	72.14	73.23	78.38	90.6	0	254	26.37	6.939	-0.002	12.22
6/18/2010 10:00	7942	14.2	170.5	13.64	22.47	9.15	178.3	19.89	17.1	76.84	78.6	70.74	81.4	0	493.3	26.41	6.938	-0.001	12.41
6/18/2010 11:00	7943	11.5	173.6	18.04	18.89	7.851	182.3	23.3	17.1	81	83.1	62.4	71.82	0	669	26.43	6.934	-0.004	14.06
6/18/2010 12:00	7944	9.1	181.5	20.4	17.1	6.627	189.3	24.56	13.52	85.7	87.4	53.12	62	0	832	26.44	6.931	-0.003	12.61
6/18/2010 13:00	7945	7.625	181.8	30.78	15.31	5.83	191.7	36.76	11.74	90.6	92.1	43.9	52.3	0	942	26.45	6.925	-0.006	12.68
6/18/2010 14:00	7946	7.054	196	41.48	15.31	5.443	204.5	42.86	13.52	95	96.2	36.19	44.19	0	998	26.45	6.915	-0.01	12.6
6/18/2010 15:00	7947	6.798	155.4	44.06	17.1	4.943	166.5	52.64	13.52	98.8	100.6	27.78	34.95	0	1002	26.44	6.893	-0.022	12.41
6/18/2010 16:00	7948	8.25	189.7	41.96	18.89	6.184	198.6	44.83	13.52	100.6	102.2	19.46	25.78	0	959	26.43	6.868	-0.025	12.63
6/18/2010 17:00	7949	8.13	193	45.69	17.1	5.974	201.8	47.37	13.52	101.9	103.5	15.21	21.14	0	755	26.41	6.836	-0.032	12.73
6/18/2010 18:00	7950	6.542	220.7	55.65	17.1	5.012	225.1	60.29	11.74	101.5	102.3	12.36	18.42	0	493.1	26.4	6.807	-0.029	12.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/18/2010 19:00	7951	16.11	159.4	13.66	26.05	9.93	168	20.05	20.68	99	100.7	22.02	28.52	0	461.1	26.39	6.766	-0.041	12.9
6/18/2010 20:00	7952	14.94	167.2	10.99	24.26	9.1	175	17.51	17.1	95.7	96.3	25.73	33.57	0	146.1	26.39	6.722	-0.044	14.33
6/18/2010 21:00	7953	14.58	171.1	13.22	24.26	9.01	178.8	19.01	18.89	92.9	93.1	29.66	38.39	0	43.45	26.39	6.696	-0.025	12.9
6/18/2010 22:00	7954	8.35	159.6	11.55	17.1	4.641	165.7	18.61	11.74	89.7	88.9	33.17	43.16	0	1.009	26.39	6.659	-0.038	12.74
6/18/2010 23:00	7955	10.72	173.4	9.74	17.1	6.402	180.2	16.25	13.52	86.7	86.1	41.24	52.11	0	0.039	26.4	6.637	-0.021	12.64
6/19/2010 0:00	7956	9.33	162.8	9.08	17.1	5.188	169.3	16.91	11.74	83.8	83.1	46.05	57.91	0	0.046	26.41	6.621	-0.016	13.48
6/19/2010 1:00	7957	11.51	156	8.97	22.47	6.534	162.2	16.79	17.1	81.7	81.2	48.84	60.89	0	0.042	26.41	6.612	-0.01	12.21
6/19/2010 2:00	7958	11.58	161.6	8.62	18.89	6.696	168.9	16.33	13.52	80.3	79.71	51.16	63.6	0	0.024	26.41	6.599	-0.013	12.76
6/19/2010 3:00	7959	10.41	161.6	8.65	17.1	5.9	168.8	16.61	13.52	78.17	77.56	53.84	66.87	0	0.022	26.41	6.571	-0.029	12.2
6/19/2010 4:00	7960	9.59	169	8.87	15.31	5.594	176.7	15.83	11.74	76.72	76.07	56.86	70.39	0	0.01	26.4	6.562	-0.009	12.2
6/19/2010 5:00	7961	9.1	160.4	9.52	13.52	5.103	167.3	17.02	9.95	75.28	74.61	60.36	74.41	0	0.008	26.39	6.556	-0.006	12.85
6/19/2010 6:00	7962	6.38	167.7	11.67	11.74	3.326	176.7	18.53	8.16	73.84	73.05	66.63	81.5	0	0.005	26.39	6.553	-0.003	12.47
6/19/2010 7:00	7963	6.165	187.9	11.03	9.95	3.731	195.9	15.79	8.16	73.07	72.54	73.21	88.3	0	5.242	26.39	6.55	-0.003	13.04
6/19/2010 8:00	7964	6.008	181.1	9.48	9.95	3.682	188.4	15.34	8.16	73.21	73.05	75.57	90.1	0	51.66	26.41	6.546	-0.003	12.28
6/19/2010 9:00	7965	9.71	173.4	9.84	15.31	6.219	181.2	16.76	11.74	75.27	75.88	72.7	85.7	0	201.1	26.42	6.542	-0.004	12.97
6/19/2010 10:00	7966	8.57	175.8	12.75	13.52	5.783	183.9	18.84	11.74	78.32	79.17	64.89	76.93	0	278.5	26.45	6.542	0	13.01
6/19/2010 11:00	7967	8.29	191.7	19.22	13.52	6.066	198.4	23.29	11.74	83.3	84.4	50.81	60.9	0	494.2	26.47	6.538	-0.004	12.86
6/19/2010 12:00	7968	7.771	213.1	23.29	15.31	5.886	218.5	24.79	13.52	88.6	89.9	38.94	47.49	0	753.3	26.49	6.535	-0.003	14.11
6/19/2010 13:00	7969	8.57	231.9	25.89	18.89	6.555	234.9	31.03	17.1	92.3	93.4	29.61	37.53	0	757.9	26.51	6.528	-0.006	12.54
6/19/2010 14:00	7970	11.42	197.9	29.04	22.47	8.21	204.6	32.21	18.89	94.5	96.4	30.13	37.05	0	970	26.51	6.509	-0.019	12.53
6/19/2010 15:00	7971	9.44	185.8	33.51	22.47	6.959	194.6	37.65	15.31	95.4	97.5	29.58	36.32	0	968	26.5	6.484	-0.025	12.48
6/19/2010 16:00	7972	7.758	184.1	42.55	17.1	5.804	190.6	45.03	15.31	96.5	98.1	24.5	31.45	0	704.8	26.48	6.452	-0.032	12.62
6/19/2010 17:00	7973	7.881	163.7	30.77	17.1	5.613	169.9	36.36	13.52	96.9	98.2	21.9	29.01	0	455.1	26.47	6.424	-0.029	12.68
6/19/2010 18:00	7974	8.34	154.3	26.34	17.1	5.699	163.5	31.78	11.74	96.4	97.6	24.09	31.52	0	330.5	26.44	6.389	-0.035	13.17
6/19/2010 19:00	7975	10.59	152.4	22.16	20.68	6.717	158.7	26.42	15.31	95.8	96.6	24.92	32.73	0	229.9	26.43	6.364	-0.025	12.77
6/19/2010 20:00	7976	11.61	153.4	14.84	17.1	7.101	160.4	20.76	13.52	94.8	95.3	27.1	35.31	0	156.3	26.42	6.332	-0.032	12.87
6/19/2010 21:00	7977	14.09	143.3	10.66	20.68	8.35	149.6	18.36	17.1	93.1	93.3	31.3	40.22	0	61.25	26.42	6.313	-0.019	12.87
6/19/2010 22:00	7978	11.09	141.2	13.35	18.89	6.53	147.5	19.73	15.31	91.1	90.7	33.19	42.93	0	2.164	26.43	6.294	-0.019	12.81
6/19/2010 23:00	7979	10.19	180.5	14.82	18.89	6.27	188.3	19.4	13.52	84.7	84.5	45.99	57.01	0	0.057	26.45	6.282	-0.012	12.55
6/20/2010 0:00	7980	16.25	166.2	9.05	29.63	9.73	173.8	16.98	18.89	83.6	83.3	49.19	60.87	0	0.051	26.46	6.26	-0.022	12.72
6/20/2010 1:00	7981	15.56	176.5	9.12	34.99	9.55	184.1	15.46	20.68	80.9	80.7	56.58	69.17	0	0.042	26.46	6.241	-0.019	12.55
6/20/2010 2:00	7982	11.55	174	8.87	20.68	6.846	181.2	16.08	15.31	78.74	78.45	62.54	76.12	0	0.029	26.44	6.197	-0.044	12.7
6/20/2010 3:00	7983	9.6	176.7	11.22	17.1	5.873	184.6	17.32	11.74	78	77.61	63.75	77.84	0	0.017	26.41	6.197	0	12.91
6/20/2010 4:00	7984	11.9	158.7	9.11	20.68	6.917	165.4	16.46	13.52	78.11	77.8	61.88	75.67	0	0.014	26.41	6.191	-0.006	12.18
6/20/2010 5:00	7985	11.84	159	10.96	20.68	6.798	165.9	17.61	15.31	77.3	77.07	62.91	76.6	0	0.014	26.41	6.184	-0.007	12.31
6/20/2010 6:00	7986	12.08	156.1	9.62	20.68	6.991	163.2	17.55	15.31	75.99	75.74	65.78	79.78	0	0.017	26.41	6.178	-0.006	12.18
6/20/2010 7:00	7987	10.82	159.3	9.62	17.1	6.554	166.6	16.61	13.52	74.88	74.69	68.51	82.7	0	3.105	26.41	6.172	-0.006	14.52
6/20/2010 8:00	7988	9.57	159	9.3	17.1	5.713	166.4	16.97	11.74	74.4	74.4	71.11	85.2	0	36.1	26.41	6.165	-0.007	12.21
6/20/2010 9:00	7989	10.79	163	11.25	17.1	6.72	171	18.32	13.52	75.5	75.97	72.2	85.4	0	153.8	26.42	6.162	-0.003	13.13
6/20/2010 10:00	7990	11.93	172.9	12.93	18.89	7.997	180.5	18.62	13.52	79.78	81.7	65.1	74.82	0	558.1	26.44	6.158	-0.004	12.71
6/20/2010 11:00	7991	11.14	178.3	15.16	17.1	7.623	185.8	20.54	13.52	83.2	84.9	58.31	68.09	0	514.1	26.46	6.151	-0.007	12.85
6/20/2010 12:00	7992	10.97	179.6	17.06	20.68	7.685	187.1	21.78	15.31	86.7	88.8	51.02	59.41	0	766.7	26.46	6.148	-0.003	14.24
6/20/2010 13:00	7993	10.85	195.6	18.73	18.89	7.865	202.6	21.15	15.31	91.4	93.4	40.97	48.7	0	916	26.47	6.135	-0.013	12.81
6/20/2010 14:00	7994	10.53	202.7	28.46	20.68	7.662	210.5	30.84	17.1	94.9	96.9	34.42	41.59	0	981	26.46	6.123	-0.013	12.56
6/20/2010 15:00	7995	10.54	178.4	25.54	22.47	7.339	186.9	30.58	17.1	97.2	99.5	30.34	36.95	0	943	26.44	6.104	-0.019	12.69

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/20/2010 16:00	7996	11.7	173.8	24.81	24.26	7.849	181.6	28.2	18.89	96.9	98.9	26.95	33.92	0	553.9	26.41	6.069	-0.035	14.21
6/20/2010 17:00	7997	15.8	245.9	67.07	70.78	11.63	252.4	66.17	54.68	88.8	88.6	39.19	51.56	0.42	75.92	26.41	6.025	-0.044	14.29
6/20/2010 18:00	7998	15.72	159	71.86	52.89	10.17	168.4	75.26	47.52	71.8	68.55	73.3	97.3	1.06	3.679	26.42	6.442	0.417	12.9
6/20/2010 19:00	7999	10.57	109.1	29.05	22.47	5.401	109.2	30.49	17.1	75.44	71.87	63.82	92	0.11	33.56	26.33	6.811	0.369	12.84
6/20/2010 20:00	8000	11.31	128.7	19.54	20.68	6.796	135.5	26.43	13.52	73.59	82.9	56.96	73.46	0	289.7	26.31	6.967	0.156	13.19
6/20/2010 21:00	8001	8.88	123.2	15.01	13.52	5.196	127.2	23.15	9.95	68.1	82.2	59.88	75.71	0	32.57	26.37	7.027	0.06	13.13
6/20/2010 22:00	8002	16.53	47.01	20.27	31.42	10.28	49.16	22.12	26.05	69.53	75.96	67.14	82.6	0	0.361	26.42	7.043	0.016	12.58
6/20/2010 23:00	8003	16.37	74.59	11.67	31.42	9.77	77.75	19.65	22.47	73.28	73.13	66.73	82.3	0	0.006	26.36	7.047	0.004	10.13
6/21/2010 0:00	8004	13.23	81	9.6	22.47	8.13	84.5	18.01	17.1	71.2	71.07	67.74	83.2	0	0.004	26.28	7.048	0	9.98
6/21/2010 1:00	8005	8.63	89.1	8.77	17.1	5.502	91.1	17.05	11.74	69.99	69.72	71.07	87.1	0	0.003	26.21	7.045	-0.002	9.84
6/21/2010 2:00	8006	6.003	131.1	15.02	9.95	2.995	137	19.2	6.368	69.15	68.38	72.95	91	0	0.002	26.16	7.045	0	9.79
6/21/2010 3:00	8007	6.661	134.9	10.07	11.74	3.66	138.4	17.72	8.16	68.82	68.29	72.97	90.2	0	0.002	26.13	7.045	0	9.8
6/21/2010 4:00	8008	8.31	136.9	18.59	13.52	4.663	140.4	26.39	11.74	70.65	69.9	70.8	88	0	0.001	26.11	7.045	0	9.82
6/21/2010 5:00	8009	7.885	166.7	9.33	13.52	4.299	173.8	16.96	9.95	72.08	71.08	68.17	85.7	0	0.003	26.13	7.045	0	9.82
6/21/2010 6:00	8010	7.734	166.1	9.99	13.52	4.182	171.8	17.35	8.16	72.03	71.11	67.85	85	0	0.002	26.14	7.045	0	9.82
6/21/2010 7:00	8011	4.437	171.6	15.8	8.16	1.493	177.5	19.71	4.578	70.23	68.81	72.18	91.3	0	2.996	26.15	7.045	0	9.82
6/21/2010 8:00	8012	4.037	155.7	13.49	11.74	1.615	160.5	13.45	8.16	71.33	70.89	71.81	88.7	0	95.1	26.16	7.045	0	9.83
6/21/2010 9:00	8013	11.1	157	10.94	17.1	6.672	165.3	18.42	13.52	74.42	75.34	67.08	80.1	0	283.6	26.28	7.046	0.001	13.02
6/21/2010 10:00	8014	10.29	172.5	12.22	17.1	6.734	180.9	19.6	11.74	76.78	78.43	62.86	74.84	0	488.1	26.42	7.046	0	12.17
6/21/2010 11:00	8015	8.95	169.2	18.1	15.31	6.148	177.8	23.42	11.74	80.7	82.5	56.6	68.2	0	656.1	26.43	7.045	-0.001	13.13
6/21/2010 12:00	8016	7.993	169	20.16	15.31	5.555	176	25.74	11.74	86.6	88.1	46.66	57.82	0	818	26.44	7.045	0	12.3
6/21/2010 13:00	8017	8.55	197	18.98	15.31	6.272	205.3	21.9	11.74	90.5	91.6	40.59	51.84	0	928	26.45	7.045	0	12.48
6/21/2010 14:00	8018	7.428	211.1	18.39	15.31	5.706	218.6	19.79	11.74	93.8	94.4	34.61	45.24	0	982	26.44	7.045	0	12.46
6/21/2010 15:00	8019	8.56	210.8	23.97	17.1	6.297	217.2	24.36	13.52	96.4	97.2	31.38	41.38	0	981	26.43	7.045	0	12.75
6/21/2010 16:00	8020	8.86	208.4	22.02	17.1	6.512	214.3	23.83	13.52	98.1	99	28.73	38.21	0	936	26.42	7.045	0	12.72
6/21/2010 17:00	8021	7.997	175.4	32.9	17.1	5.828	186.1	39.33	13.52	100.1	101.1	24.43	33.6	0	886	26.41	7.045	0	12.9
6/21/2010 18:00	8022	14.57	161.9	15.01	29.63	9.05	171.1	21.28	22.47	98.3	99.1	25.7	35.05	0	519.9	26.4	7.02	-0.025	12.78
6/21/2010 19:00	8023	11.22	119.9	15.47	24.26	7.07	125.7	23.57	17.1	95.9	96.4	27.86	37.99	0	348.3	26.39	6.985	-0.035	12.76
6/21/2010 20:00	8024	11.94	135.9	10.67	22.47	7.081	142.2	18.22	15.31	95.9	95.4	26.03	36.48	0	140.1	26.38	6.956	-0.029	12.71
6/21/2010 21:00	8025	10.54	148.2	8.48	17.1	5.827	154	16.21	9.95	91.8	90.7	30.44	42.02	0	24.12	26.37	6.928	-0.029	12.81
6/21/2010 22:00	8026	11.87	143	7.978	20.68	6.713	148.2	15.7	15.31	88.9	87.6	33.53	45.54	0	1.475	26.37	6.906	-0.022	12.45
6/21/2010 23:00	8027	12.16	142.9	8.57	20.68	6.96	148.6	15.53	13.52	86.9	85.9	35.53	47.26	0	0.048	26.4	6.884	-0.021	12.66
6/22/2010 0:00	8028	10.95	148.4	10.1	22.47	6.126	154.6	17.41	17.1	83.7	82.7	39.62	52.05	0	0.039	26.42	6.866	-0.019	12.66
6/22/2010 1:00	8029	12.61	158.3	9	38.57	7.171	166	16.7	17.1	82.2	81.5	43.36	55.53	0	0.034	26.42	6.846	-0.019	12.66
6/22/2010 2:00	8030	11.24	162.9	9.33	18.89	6.402	170.9	16.52	15.31	79.88	79.1	49.66	62.96	0	0.029	26.41	6.834	-0.013	12.76
6/22/2010 3:00	8031	10.26	155.2	10.82	24.26	5.664	160.9	18.76	15.31	77.92	77.01	53.4	67.76	0	0.012	26.4	6.815	-0.019	13.08
6/22/2010 4:00	8032	10.98	161.4	9.51	18.89	6.112	168.6	17.04	13.52	76.48	75.69	57.2	71.74	0	0.009	26.38	6.806	-0.009	12.8
6/22/2010 5:00	8033	10.38	167	9.34	17.1	5.918	174.9	16.76	15.31	74.84	74.09	62.92	78.13	0	0.005	26.37	6.797	-0.009	12.74
6/22/2010 6:00	8034	8.73	158.2	11.13	13.52	4.849	164.6	18.76	9.95	73.23	72.47	67.69	83.5	0	0.005	26.38	6.787	-0.009	12.82
6/22/2010 7:00	8035	8.44	164.6	12.69	13.52	4.882	172.1	18.91	9.95	72.15	71.48	71.06	87.1	0	3.407	26.39	6.778	-0.009	12.76
6/22/2010 8:00	8036	8.67	167.7	9.98	17.1	5.345	176.5	16.86	13.52	72.99	72.84	70.26	84.8	0	94.6	26.39	6.775	-0.004	12.76
6/22/2010 9:00	8037	12.9	177	10	18.89	8.13	185.3	16.88	15.31	75.41	76.23	67.06	79.82	0	279.9	26.42	6.77	-0.004	12.29
6/22/2010 10:00	8038	12.54	180.7	12.82	20.68	8.27	188.9	18.36	15.31	78.65	79.87	61.55	73.42	0	479	26.44	6.767	-0.003	12.59
6/22/2010 11:00	8039	10.83	179.3	14.56	18.89	7.303	188.2	19.45	13.52	82.6	84.1	54.63	65.57	0	657	26.45	6.763	-0.004	12.26
6/22/2010 12:00	8040	10.32	192.8	16.57	18.89	7.401	201.2	20.16	15.31	87.2	88.4	45.92	56.26	0	821	26.46	6.76	-0.003	12.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/22/2010 13:00	8041	7.624	206.6	26.58	15.31	5.845	213.6	28.97	11.74	91.9	92.7	36.93	46.59	0	932	26.47	6.753	-0.006	12.95
6/22/2010 14:00	8042	5.898	218.9	27.8	15.31	4.779	223.9	31.5	11.74	96.5	96.5	30.13	39.48	0	985	26.48	6.75	-0.003	12.5
6/22/2010 15:00	8043	4.843	216.2	53.68	11.74	4.095	229.3	57.81	9.95	99.9	99.4	24.44	33.75	0	988	26.47	6.741	-0.01	12.4
6/22/2010 16:00	8044	4.544	214.6	63.07	9.95	3.857	233	72.04	9.95	102.1	101.7	21.19	30.11	0	934	26.46	6.731	-0.01	12.49
6/22/2010 17:00	8045	5.319	201.6	61.13	18.89	4.44	210.6	63.7	18.89	102.6	102.3	20.46	29	0	846	26.44	6.719	-0.013	13.35
6/22/2010 18:00	8046	7.348	163.5	48.86	15.31	5.403	170.7	52.79	13.52	102.2	102.8	20.35	28.74	0	720.4	26.42	6.7	-0.019	13.15
6/22/2010 19:00	8047	11.01	134	31.37	18.89	6.966	140.6	37.46	15.31	100.4	101.1	22.13	31.01	0	480.9	26.41	6.674	-0.025	13.69
6/22/2010 20:00	8048	11.86	141	10	20.68	7.098	148.2	17.31	15.31	98	97.6	24.23	33.84	0	174.2	26.4	6.636	-0.038	12.8
6/22/2010 21:00	8049	13.66	143.3	9.99	22.47	7.975	150.4	17.55	17.1	94.9	94.1	27.33	37.24	0	32.81	26.39	6.611	-0.025	14.11
6/22/2010 22:00	8050	14	156.3	9.35	24.26	8.01	162.9	16.75	17.1	91.3	90.4	29.98	40.36	0	0.411	26.4	6.592	-0.019	12.51
6/22/2010 23:00	8051	15.56	158.1	8.43	26.05	8.9	164.9	16.48	18.89	88.5	87.7	31.91	42.24	0	0.045	26.42	6.57	-0.022	12.57
6/23/2010 0:00	8052	16.08	159.9	9.29	27.84	9.28	166.4	17.25	20.68	85.7	85	36.33	47.05	0	0.049	26.44	6.552	-0.018	12.65
6/23/2010 1:00	8053	15.91	166.7	9.03	33.21	9.47	174.5	16.73	18.89	83	82.4	41.16	52.31	0	0.038	26.45	6.533	-0.019	12.4
6/23/2010 2:00	8054	12.42	166.1	9.04	24.26	7.262	173.5	16.66	17.1	80.5	79.85	46.75	58.93	0	0.025	26.46	6.517	-0.016	12.58
6/23/2010 3:00	8055	10.47	162.4	9.19	18.89	6.057	168.8	16.44	13.52	79.09	78.55	49.1	61.59	0	0.022	26.45	6.498	-0.019	14.3
6/23/2010 4:00	8056	8.76	161.2	10.91	17.1	4.954	168.2	19.19	9.95	77.2	76.45	52.98	66.56	0	0.01	26.44	6.485	-0.013	12.76
6/23/2010 5:00	8057	7.697	160.7	10.18	13.52	4.178	166.8	17.31	9.95	75.77	74.79	57.62	72.49	0	0.007	26.44	6.461	-0.025	12.69
6/23/2010 6:00	8058	7.55	151.3	10.15	13.52	4.221	157.7	17.98	8.16	74.31	73.43	62.11	77.43	0	0.004	26.43	6.452	-0.009	12.58
6/23/2010 7:00	8059	6.635	108.7	32.93	11.74	3.83	107.8	38.68	8.16	73.06	72.29	66.18	81.8	0	3.18	26.43	6.439	-0.013	12.97
6/23/2010 8:00	8060	7.926	112	21.27	15.31	4.978	116.8	27.55	13.52	73.71	73.77	66.04	80	0	106.7	26.44	6.432	-0.007	12.65
6/23/2010 9:00	8061	12.71	136.9	11.03	20.68	7.76	143.8	19.17	15.31	75.51	76.43	65.06	77.39	0	286.5	26.46	6.428	-0.004	12.37
6/23/2010 10:00	8062	13.36	150.1	11.85	22.47	8.29	157.1	18.47	17.1	78.17	79.69	62.44	73.67	0	485.5	26.48	6.425	-0.003	12.31
6/23/2010 11:00	8063	11.29	143	15.77	18.89	7.223	150.6	21.79	13.52	81.9	83.8	56.5	66.9	0	665.3	26.49	6.421	-0.004	12.44
6/23/2010 12:00	8064	9.13	143	20.16	17.1	6.103	148.3	28.32	11.74	86.3	88.1	48.1	58.04	0	826	26.51	6.418	-0.003	13.39
6/23/2010 13:00	8065	8.47	134	25.3	17.1	5.744	140.6	31.91	13.52	90.7	92.3	37.88	47.57	0	939	26.53	6.414	-0.003	12.84
6/23/2010 14:00	8066	8.62	115.6	29.35	18.89	5.833	118.3	36.29	13.52	93.5	95.2	31.07	40.6	0	991	26.53	6.408	-0.006	13.38
6/23/2010 15:00	8067	9.26	112	22.01	17.1	6.274	116	29.78	13.52	96.2	97.8	23.33	32.33	0	994	26.52	6.395	-0.013	13.83
6/23/2010 16:00	8068	10.24	105.5	22.66	22.47	6.886	109.4	31.4	18.89	97.1	98.6	21.45	30.13	0	924	26.51	6.383	-0.013	12.63
6/23/2010 17:00	8069	11.72	111.5	17.95	22.47	7.635	116.2	26.82	15.31	97.2	98.6	22.33	30.98	0	799.4	26.49	6.364	-0.019	13.77
6/23/2010 18:00	8070	13.68	106.7	16.04	24.26	8.96	111	24.21	17.1	97.2	98.2	20.47	28.96	0	663.8	26.47	6.338	-0.025	12.81
6/23/2010 19:00	8071	14.26	105.8	14.29	24.26	9.12	109.4	23.11	18.89	96.3	96.9	22.16	30.89	0	475.1	26.46	6.307	-0.032	12.79
6/23/2010 20:00	8072	13.02	114.4	12.8	22.47	8.08	119.5	21.9	18.89	94.6	94.3	24.48	33.89	0	214.6	26.48	6.281	-0.025	14.37
6/23/2010 21:00	8073	9.54	118.9	8.71	17.1	5.423	122.9	18.04	13.52	90.3	89.3	29.52	40.17	0	13.23	26.48	6.25	-0.032	12.73
6/23/2010 22:00	8074	6.902	99.3	9.4	9.95	3.502	96.2	16.49	6.368	86.2	83.9	35.02	49.17	0	0.304	26.48	6.206	-0.043	12.84
6/23/2010 23:00	8075	7.382	75.23	15.3	9.95	4.141	71.64	17.24	8.16	83.3	81.4	39.94	54.19	0	0.027	26.5	6.194	-0.013	12.49
6/24/2010 0:00	8076	8.01	72.13	10.91	11.74	4.779	74	18.21	9.95	80.7	79.71	43.34	56.03	0	0.021	26.51	6.184	-0.01	12.58
6/24/2010 1:00	8077	4.6	67.84	81	13.52	2.907	41.24	73.52	11.74	79.77	78.43	44.45	58.71	0	0.013	26.52	6.168	-0.016	14.26
6/24/2010 2:00	8078	11.84	356.6	36.46	29.63	8.53	2.235	29.83	24.26	77.23	76.82	55.5	68.69	0	0.011	26.52	6.159	-0.009	12.28
6/24/2010 3:00	8079	13.93	15.45	11.76	26.05	9.76	20.12	13.25	22.47	74.17	74.35	63.66	76.43	0	0.008	26.52	6.15	-0.009	12.87
6/24/2010 4:00	8080	12.37	38.86	9.79	18.89	6.855	41.08	12.12	15.31	72.77	72.76	66.98	80.6	0	0.006	26.51	6.141	-0.009	12.89
6/24/2010 5:00	8081	8.84	54.54	8.99	13.52	5.669	59.47	14.92	11.74	70.59	70.44	73.2	87.7	0	0.005	26.5	6.132	-0.009	12.77
6/24/2010 6:00	8082	9.02	45.49	9.98	13.52	5.357	49.13	14.88	9.95	68.94	68.84	76.52	91.2	0	0.004	26.5	6.126	-0.006	12.47
6/24/2010 7:00	8083	8.18	43.6	11.62	11.74	4.837	49.21	15.81	9.95	67.73	67.62	78.63	93.6	0	1.869	26.51	6.12	-0.006	12.93
6/24/2010 8:00	8084	8.75	46.05	13.32	13.52	5.434	50.05	17.41	11.74	68.77	68.95	76.74	91.2	0	95.6	26.52	6.113	-0.006	12.77
6/24/2010 9:00	8085	10.03	40.62	12.45	15.31	5.814	43.28	15.58	11.74	72.05	72.82	69.67	83.1	0	284.4	26.55	6.108	-0.005	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/24/2010 10:00	8086	8.15	51.34	18.05	13.52	5.175	51.81	21.47	11.74	76.07	77.48	61.69	74.03	0	465.9	26.58	6.105	-0.003	12.8
6/24/2010 11:00	8087	3.9	69.06	37.65	9.95	3.084	70.07	41.6	6.368	81.5	82.9	52.54	64.47	0	654.3	26.59	6.101	-0.004	13.63
6/24/2010 12:00	8088	3.71	16.61	51.79	9.95	3.168	14.75	52.54	8.16	85.9	86.6	46.23	58.34	0	846	26.6	6.101	0	12.73
6/24/2010 13:00	8089	4.42	27.1	80.8	9.95	3.654	14.2	82.6	8.16	89	89.5	41.98	53.35	0	983	26.61	6.097	-0.003	12.54
6/24/2010 14:00	8090	4.654	231.7	75.39	15.31	3.853	240.2	75.34	11.74	90.6	91	38.4	48.54	0	758.6	26.6	6.091	-0.006	12.47
6/24/2010 15:00	8091	4.482	119	69.12	15.31	3.456	122	73.54	11.74	93	93.2	32	42.44	0	770.2	26.58	6.085	-0.006	12.34
6/24/2010 16:00	8092	5.788	115.1	66.18	13.52	4.357	119.8	71.44	11.74	94	94.8	28.66	38.28	0	906	26.56	6.078	-0.006	12.36
6/24/2010 17:00	8093	6.45	96.6	36.52	17.1	4.757	101.4	46.15	11.74	94.3	95.3	27.14	36.62	0	803	26.54	6.066	-0.013	12.37
6/24/2010 18:00	8094	6.572	121.9	39.26	15.31	4.817	129.7	44.97	13.52	94.7	95.5	26.93	36.26	0	658.7	26.51	6.05	-0.016	12.6
6/24/2010 19:00	8095	6.744	89.2	27.32	15.31	4.727	90.7	35.12	11.74	93.9	94.5	27.14	36.88	0	458.6	26.5	6.031	-0.019	12.79
6/24/2010 20:00	8096	8.49	106.2	20.69	15.31	5.664	110	27.91	11.74	93	93	27.39	37.22	0	294.7	26.49	6.015	-0.016	12.77
6/24/2010 21:00	8097	7.446	97.9	9.39	13.52	4.55	100.2	18.72	9.95	89.9	89.3	29.85	40.43	0	50.64	26.48	5.996	-0.019	12.31
6/24/2010 22:00	8098	8.86	107.4	9.91	17.1	4.985	109.5	18.3	11.74	85.6	84.2	36.79	48.98	0	0.538	26.47	5.984	-0.012	12.29
6/24/2010 23:00	8099	8.09	109.6	9.44	13.52	4.47	110.6	18.54	9.95	83.1	81.8	41.57	54.23	0	0.024	26.47	5.937	-0.047	13.65
6/25/2010 0:00	8100	9.45	113.9	16.45	20.68	5.299	116.4	22.66	15.31	80.9	79.69	44.85	57.88	0	0.017	26.48	5.87	-0.067	12.76
6/25/2010 1:00	8101	8.5	137.2	9.18	13.52	4.689	141.8	17.15	8.16	79.41	78.38	49.95	63.4	0	0.019	26.48	5.807	-0.063	13.44
6/25/2010 2:00	8102	6.313	133.6	17.04	9.95	2.908	127.7	26.65	6.368	76.87	75.21	54.74	70.8	0	0.008	26.47	5.747	-0.06	12.19
6/25/2010 3:00	8103	6.112	127.3	15.62	8.16	2.424	117.8	18.17	4.578	74.37	72.29	59.01	77.04	0	0.003	26.46	5.697	-0.05	12.65
6/25/2010 4:00	8104	5.244	149.2	7.579	8.16	1.426	135.6	12.53	2.789	73.22	70.8	60.94	80.4	0	0.001	26.44	5.666	-0.031	12.78
6/25/2010 5:00	8105	5.148	155.4	8.24	8.16	1.34	140.8	10.83	4.578	72	69.71	63.15	82.8	0	0.001	26.43	5.641	-0.025	14.01
6/25/2010 6:00	8106	5.244	156.6	8.4	8.16	1.533	152.5	14.58	4.578	70.73	68.66	65.01	84.4	0	0.001	26.43	5.631	-0.01	12.97
6/25/2010 7:00	8107	4.154	159.3	9.81	8.16	0.524	145.9	10.89	2.789	70	67.74	65.86	85.9	0	2.658	26.43	5.625	-0.006	13.01
6/25/2010 8:00	8108	3.55	166	22.45	8.16	1.433	168.4	23.11	6.368	71.75	71.09	64.14	79.7	0	92	26.44	5.621	-0.004	12.89
6/25/2010 9:00	8109	10.42	176.2	10.71	17.1	6.697	184.2	17.34	13.52	75.54	76.27	60.55	72.69	0	278.2	26.47	5.617	-0.005	12.67
6/25/2010 10:00	8110	11.08	186.4	13	17.1	7.567	194.6	17.66	13.52	79.38	80.6	56.11	67.06	0	478.7	26.51	5.613	-0.004	14.2
6/25/2010 11:00	8111	9.81	182.4	17.09	17.1	6.916	190	21.45	13.52	82.5	83.9	50.48	60.54	0	654.1	26.52	5.609	-0.004	12.81
6/25/2010 12:00	8112	8.47	163.5	27.27	17.1	5.816	172	32.7	13.52	86.4	87.9	42.71	52.23	0	817	26.53	5.603	-0.006	12.36
6/25/2010 13:00	8113	8.85	151.2	26.87	20.68	6.016	158.5	33.75	15.31	89.4	91.1	37.47	46.61	0	890	26.53	5.594	-0.01	12.44
6/25/2010 14:00	8114	8.76	140.5	30.72	18.89	6.106	147.6	37.61	15.31	91.8	93.4	32.64	41.57	0	973	26.52	5.578	-0.016	12.49
6/25/2010 15:00	8115	8.32	133.9	38.65	20.68	5.977	138.6	47.1	17.1	94	95.7	29.06	37.58	0	929	26.5	5.559	-0.019	13.57
6/25/2010 16:00	8116	9.09	135.3	33.82	20.68	6.103	140.9	39.56	15.31	93.8	95.3	28.12	36.92	0	868	26.48	5.533	-0.025	12.48
6/25/2010 17:00	8117	8.45	169	35.79	15.31	6.066	178.2	40.21	13.52	95.7	96.9	26.38	34.51	0	884	26.46	5.508	-0.025	12.63
6/25/2010 18:00	8118	8.05	115.3	27.59	17.1	5.438	119.2	35.72	13.52	94.8	96	25.63	34.52	0	581.7	26.44	5.483	-0.025	13.42
6/25/2010 19:00	8119	8.48	127.7	19.11	17.1	5.503	133.9	25.41	13.52	94.2	95	25.68	34.82	0	394.1	26.42	5.457	-0.025	12.85
6/25/2010 20:00	8120	12.72	135.4	14.76	29.63	7.718	141.8	22.61	18.89	92.8	93	29.25	38.58	0	265.8	26.41	5.429	-0.029	12.88
6/25/2010 21:00	8121	15.29	131.1	9.59	26.05	9.16	138.2	18.62	18.89	87	86.9	41.07	51.65	0	42.57	26.42	5.372	-0.057	14.15
6/25/2010 22:00	8122	11.95	131.5	8.71	18.89	7.112	137.7	17.87	13.52	84.9	84.2	43.12	54.73	0	0.525	26.4	5.353	-0.018	13.94
6/25/2010 23:00	8123	9.96	131.8	8.32	15.31	5.714	136.9	18.24	11.74	82.6	81.8	45.19	57.48	0	0.027	26.4	5.335	-0.019	12.2
6/26/2010 0:00	8124	10.22	137.3	8.28	17.1	5.953	143.1	16.65	13.52	80.8	79.95	46.57	59.16	0	0.017	26.4	5.316	-0.019	12.42
6/26/2010 1:00	8125	9.86	146.8	9.5	17.1	5.661	152.5	16.27	11.74	78.71	77.99	51.37	64.3	0	0.011	26.4	5.306	-0.01	12.89
6/26/2010 2:00	8126	7.26	145.4	7.872	11.74	3.718	148.5	16.26	8.16	76.1	75.09	57.33	71.9	0	0.007	26.39	5.291	-0.015	12.67
6/26/2010 3:00	8127	5.909	142.2	9.96	8.16	2.394	132.7	18.67	4.578	73.82	71.92	61.51	79.15	0	0.002	26.37	5.278	-0.012	12.76
6/26/2010 4:00	8128	6.359	159.9	8.24	9.95	2.721	163.1	16.86	6.368	73.15	71.23	61.41	79.33	0	0.002	26.36	5.273	-0.006	12.71
6/26/2010 5:00	8129	6.661	167.1	9.89	9.95	3.319	176.6	16.95	6.368	72.98	71.6	60.95	77.36	0	0.003	26.35	5.267	-0.006	12.74
6/26/2010 6:00	8130	5.184	182.8	7.945	8.16	1.931	188.9	12.6	4.578	71.92	70.22	63.1	80.5	0	0.002	26.35	5.257	-0.009	12.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
6/26/2010 7:00	8131	4.07	169.1	15.81	8.16	1.101	172.8	22.12	4.578	70.6	69.03	66.83	84.6	0	2.336	26.34	5.254	-0.003	12.93	
6/26/2010 8:00	8132	4.131	156.4	15.73	9.95	1.617	158.9	18.33	8.16	71.94	71.33	66.95	82.2	0	85.3	26.34	5.247	-0.007	12.97	
6/26/2010 9:00	8133	11.42	170.5	11.15	18.89	7.239	178.8	17.77	13.52	76.09	76.72	60.77	73.06	0	273.6	26.34	5.243	-0.004	10.15	
6/26/2010 10:00	8134	12.27	166.3	11.47	17.1	7.747	173.7	18.89	13.52	79.74	81.1	54.51	65.33	0	477.5	26.31	5.239	-0.003	10.08	
6/26/2010 11:00	8135	10.61	170	17.17	17.1	7.075	178.6	23	15.31	83.9	85.5	48.37	58.16	0	658.9	26.28	5.232	-0.007	9.96	
6/26/2010 12:00	8136	9	179.3	19.73	17.1	6.361	188.7	23.44	13.52	88.4	89.8	41.98	51.21	0	822	26.39	5.226	-0.006	13.41	
6/26/2010 13:00	8137	8.1	194.5	30.99	17.1	6.064	201.1	33.42	13.52	91.7	92.7	35.82	44.6	0	930	26.42	5.216	-0.01	12.47	
6/26/2010 14:00	8138	6.845	191.2	35.66	15.31	5.185	198.8	40.18	13.52	94.6	95.4	30.51	39.04	0	1007	26.41	5.204	-0.013	12.65	
6/26/2010 15:00	8139	7.412	181.7	64.05	18.89	5.662	190.5	67.76	13.52	96.5	97.5	27.92	36.29	0	957	26.39	5.185	-0.019	12.62	
6/26/2010 16:00	8140	7.586	148.5	46.51	17.1	5.474	158.9	52.07	11.74	96.3	97.6	26.6	34.89	0	790.3	26.36	5.153	-0.032	13.6	
6/26/2010 17:00	8141	8.31	142.8	45.82	18.89	5.727	151	49.26	13.52	96.9	97.8	25.12	33.61	0	610.2	26.34	5.131	-0.022	12.85	
6/26/2010 18:00	8142	8.72	149.5	26.68	17.1	5.464	156.6	31.93	11.74	95.4	95.9	26.21	35.4	0	312.4	26.31	5.102	-0.029	12.57	
6/26/2010 19:00	8143	12.06	262.2	73.2	29.63	8.9	268.5	71.81	20.68	88.8	89	35.05	44.61	0	38.44	26.3	5.083	-0.019	12.68	
6/26/2010 20:00	8144	18.91	355	27.66	34.99	13.51	357.9	28.99	29.63	76.17	75.73	63.6	80.6	0.2	70.64	26.29	5.068	-0.015	12.64	
6/26/2010 21:00	8145	10.12	60.92	36.57	22.47	6.158	64.02	38.95	15.31	67.6	75.69	67.51	83.8	0	109.1	26.27	5.072	0.004	14.66	
6/26/2010 22:00	8146	16.28	150.2	8.74	27.84	9.42	156.3	16.66	20.68	57.84	70.3	80.7	95.8	0	0.536	26.32	5.069	-0.003	12.62	
6/26/2010 23:00	8147	14.99	134.5	12.77	24.26	8.77	139.9	20.32	17.1	55.66	68.21	86.5	99.4	0.01	0.001	26.33	5.07	0.001	12.32	
6/27/2010 0:00	8148	10.92	119.7	9.39	18.89	6.323	123.3	18.6	13.52	54.69	67.77	85.4	99.4	0.01	0.001	26.31	5.07	0	12.64	
6/27/2010 1:00	8149	7.27	98.6	10.61	20.68	4.436	99.5	18.3	9.95	54.97	68.2	81.6	99.2	0	0.002	26.29	5.07	0	12.75	
6/27/2010 2:00	8150	3.205	254.9	82.7	9.95	1.842	245.7	69.74	8.16	53.74	67.41	83.1	99.4	0	0.002	26.26	5.07	0	13.76	
6/27/2010 3:00	8151	4.617	284	17.86	8.16	2.725	291.9	21.75	6.368	53.05	66.99	85.3	99.4	0	0.001	26.25	5.07	0	12.63	
6/27/2010 4:00	8152	2.606	264.5	39.37	8.16	1.13	252.8	24	6.368	51.45	66.68	83.6	99.4	0	0.001	26.25	5.07	0	12.79	
6/27/2010 5:00	8153	3.986	228.3	35.05	8.16	1.404	220.2	27.58	4.578	51.44	66.55	82.1	99.4	0	0	26.24	5.07	0	12.71	
6/27/2010 6:00	8154	4.174	180.1	22.8	8.16	1.333	200.5	15.74	6.368	50.16	66.39	83.2	99.4	0	0.001	26.24	5.07	0	12.81	
6/27/2010 7:00	8155	4.402	196.5	17.11	8.16	2.415	205.4	18.33	6.368	49.77	67.11	85.3	99.4	0	0.835	26.24	5.07	0	13.1	
6/27/2010 8:00	8156	4.225	203.2	16.21	8.16	2.791	211.8	16.9	6.368	50.99	68.09	85.3	99.3	0	63.31	26.25	5.07	0	13.06	
6/27/2010 9:00	8157	5.651	207.3	14.6	9.95	4.278	215	17.09	8.16	53.98	71.83	78.5	93.5	0	194.8	26.28	5.069	-0.001	13.03	
6/27/2010 10:00	8158	6.496	204.9	14.25	11.74	4.959	212	16.99	9.95	55.91	74.86	72.38	86.7	0	357	26.31	5.071	0.003	13.25	
6/27/2010 11:00	8159	7.899	185.8	14.81	13.52	5.658	193.7	18.72	9.95	56.78	77.24	68.6	82	0	342.5	26.32	5.071	0	14.23	
6/27/2010 12:00	8160	4.335	203.3	24.52	8.16	3.445	211.3	28.38	6.368	60.37	80.3	60.26	73.24	0	490.8	26.34	5.071	-0.001	13.07	
6/27/2010 13:00	8161	4.054	194.3	38.25	9.95	3.359	205.1	43.57	8.16	68.96	86.9	45.93	57.89	0	952	26.36	5.071	0	12.85	
6/27/2010 14:00	8162	3.681	255.5	69.71	11.74	3.121	262	67.18	8.16	72.21	90.7	38.66	50.26	0	872	26.38	5.074	0.003	12.87	
6/27/2010 15:00	8163	6.741	86.3	50.71	18.89	4.829	91.3	54.64	15.31	74.01	93.5	33.67	44.61	0	1040	26.36	5.074	0	13.92	
6/27/2010 16:00	8164	8.51	77.23	23.07	17.1	5.842	80.1	30.55	13.52	83.8	94.6	33.14	43.43	0	936	26.34	5.071	-0.003	12.94	
6/27/2010 17:00	8165	8.29	88.3	28.5	17.1	5.323	91.2	33.75	13.52	71.68	90	37.37	49.54	0	219.4	26.32	5.071	0	13.01	
6/27/2010 18:00	8166	8.6	117.8	13.12	15.31	5.519	125	22.64	9.95	68.29	87.2	43.24	57.47	0	559.2	26.28	5.071	0	13.03	
6/27/2010 19:00	8167	7.392	99.8	27.28	13.52	5.076	104.2	35.15	9.95	72.95	91.9	34.66	45.88	0	398.9	26.27	5.067	-0.003	14.45	
6/27/2010 20:00	8168	5.357	100.1	32.81	24.26	3.623	104.5	37.96	17.1	71.63	89.9	36.68	48.93	0.02	186.8	26.29	5.058	-0.01	12.99	
6/27/2010 21:00	8169	13.21	60.24	44.28	29.63	8.31	62.85	47.08	22.47	57.19	77.39	55.85	75.02	0.13	50.14	26.29	5.052	-0.006	12.78	
6/27/2010 22:00	8170	15.49	151.4	15.45	31.42	9.02	157.7	21.43	22.47	41.76	68.17	84.1	99.1	0.12	0.507	26.3	5.054	0.001	12.83	
6/27/2010 23:00	8171	9.06	47.98	76.72	18.89	6.021	44.67	76.08	15.31	40.42	67.66	83	99.2	0	0.001	26.32	5.054	0	12.89	
6/28/2010 0:00	8172	7.924	29.78	23.08	13.52	5.271	34.38	24.58	11.74	46.26	70.37	76.04	92.5	0	0.004	26.36	5.054	0	12.84	
6/28/2010 1:00	8173	5.626	87.2	15.29	9.95	3.224	93.5	21.83	6.368	54.62	68.77	75.44	93.4	0	0.001	26.35	5.054	0	13.12	
6/28/2010 2:00	8174	5.594	99.5	17.4	11.74	3.342	104.2	23.02	8.16	55.77	68.1	73.81	91.5	0	0.002	26.31	5.054	0	12.81	
6/28/2010 3:00	8175	8.79	132.1	17.86	15.31	5.129	139.5	24.68	9.95	63.8	67.97	80.6	96.1	0	0.002	26.3	5.057	0.003	12.77	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/28/2010 4:00	8176	6.603	339.4	26.63	11.74	4.889	343.1	19.22	8.16	66.24	68.34	80.7	97	0	0	26.34	5.07	0.013	12.73
6/28/2010 5:00	8177	7.229	15.93	15.93	11.74	5.124	19.69	15.92	11.74	59.67	68.61	76.61	91.7	0	0.003	26.35	5.076	0.006	13.07
6/28/2010 6:00	8178	6.572	37.33	10.66	11.74	3.764	39.78	12.64	8.16	51.56	67.78	82.4	97.7	0	0.002	26.35	5.08	0.003	12.78
6/28/2010 7:00	8179	4.71	14.04	25.91	8.16	3.001	14.94	29.68	8.16	54.04	67.19	83.7	99.2	0	1.547	26.34	5.08	0	12.89
6/28/2010 8:00	8180	3.074	298.4	45.11	6.368	2.253	287.7	42.61	4.578	49.1	67.07	82.2	97.6	0	60.62	26.34	5.08	0	13.2
6/28/2010 9:00	8181	6.418	327.6	37.27	11.74	4.776	328.3	41.32	9.95	52.12	70.49	71	85.3	0	151	26.36	5.082	0.003	13.04
6/28/2010 10:00	8182	10.2	340	13.71	17.1	7.733	342.4	17.11	15.31	57.47	74.35	60.32	74.68	0	357.7	26.39	5.081	-0.001	12.41
6/28/2010 11:00	8183	11.28	14.49	14.35	18.89	7.844	18.58	18.49	17.1	74.13	76.89	53.62	66.8	0	489.7	26.43	5.078	-0.003	12.28
6/28/2010 12:00	8184	11.33	38.33	16.71	20.68	7.11	39.9	18.76	15.31	77.63	79.51	47	59.47	0	718.7	26.45	5.078	0	12.96
6/28/2010 13:00	8185	15.37	42.81	14.5	26.05	8.89	45.72	17.61	18.89	78.55	80.1	51.25	63.55	0	869	26.46	5.077	-0.001	12.37
6/28/2010 14:00	8186	15.61	37.4	14.38	29.63	9.28	39.69	16.66	22.47	79.62	81	50.51	62.1	0	877	26.45	5.077	0	12.78
6/28/2010 15:00	8187	17.82	45.48	14.53	31.42	10.49	47.11	18.46	22.47	79.18	80.7	50.31	61.39	0	954	26.45	5.058	-0.019	12.7
6/28/2010 16:00	8188	16.59	53.11	15.96	27.84	10.19	55.29	19.97	20.68	79.67	81.4	47.81	58.36	0	908	26.43	5.039	-0.019	13.55
6/28/2010 17:00	8189	17.72	39.65	12.73	27.84	10.25	41.17	15.35	22.47	80.6	81.8	46.87	57.49	0	650	26.41	5.01	-0.029	12.77
6/28/2010 18:00	8190	17.92	49.42	14.79	31.42	10.78	51.84	19.04	24.26	79.09	80.3	54.12	65.27	0	512.1	26.4	4.982	-0.028	13.2
6/28/2010 19:00	8191	18.81	57.94	11.69	29.63	11.64	59.54	17.47	22.47	78.08	79.22	56.03	67.42	0	429.4	26.39	4.964	-0.019	14.3
6/28/2010 20:00	8192	17.04	60.54	10.39	27.84	10.83	62.79	17.22	22.47	77.02	77.58	58.41	70.68	0	284.7	26.39	4.942	-0.022	12.78
6/28/2010 21:00	8193	15.04	60.15	10.12	24.26	9.56	62.84	16.44	18.89	75.76	76.15	59.58	72.15	0	82.5	26.39	4.923	-0.019	12.82
6/28/2010 22:00	8194	10.25	53.6	10.09	17.1	6.349	56.93	16.04	13.52	72.82	72.63	67.77	81.9	0	0.546	26.4	4.91	-0.013	12.78
6/28/2010 23:00	8195	9	47.59	9.46	13.52	5.104	49.11	15.09	9.95	71.52	71.42	72.76	87.3	0	0.006	26.4	4.892	-0.018	12.93
6/29/2010 0:00	8196	9.32	45.49	10.83	13.52	5.416	48.44	16.48	9.95	71.19	71.12	73.02	87.5	0	0.006	26.42	4.873	-0.019	14.13
6/29/2010 1:00	8197	8.97	54.78	9.13	13.52	5.686	58.62	14.87	9.95	70.11	70.03	77.18	91.8	0	0.006	26.43	4.869	-0.003	14.2
6/29/2010 2:00	8198	7.975	65.21	9.18	11.74	5.076	67.16	16.31	9.95	68.76	68.6	80.9	96.2	0	0.003	26.43	4.867	-0.002	12.95
6/29/2010 3:00	8199	7.021	61.17	13.36	9.95	4.564	64.05	17.78	8.16	68.87	68.97	79.11	94.2	0	0.003	26.42	4.864	-0.003	12.84
6/29/2010 4:00	8200	7.285	41.84	10.27	11.74	4.199	44.96	13.9	8.16	68.35	68.65	80.4	95.3	0	0.002	26.41	4.864	0	12.86
6/29/2010 5:00	8201	7.915	44.36	8.55	11.74	4.383	45.53	14.12	8.16	68.26	68.65	80.6	95.6	0	0.002	26.41	4.861	-0.003	14.01
6/29/2010 6:00	8202	7.486	43.71	8.94	11.74	4.136	43.43	13.68	9.95	67.83	68.32	82.5	97.7	0	0.002	26.4	4.861	0	12.75
6/29/2010 7:00	8203	8.65	40.05	8.63	13.52	4.807	41.28	11.82	9.95	67.72	68.73	81.9	96.7	0	0.801	26.41	4.858	-0.003	12.9
6/29/2010 8:00	8204	9.91	34.98	10.77	17.1	5.757	36.75	13.06	15.31	67.67	69.25	81	95.6	0	42.69	26.42	4.857	0	12.22
6/29/2010 9:00	8205	12.04	42.44	11.44	18.89	6.816	44.23	14.95	13.52	68.16	70.12	77.98	92.3	0	91.5	26.44	4.857	-0.001	12.64
6/29/2010 10:00	8206	16.12	45.3	12.74	26.05	9.31	47.1	16.88	18.89	67.81	70.36	77.76	91.5	0	202.3	26.45	4.853	-0.003	12.8
6/29/2010 11:00	8207	14.08	50.65	11.22	22.47	8.34	52.38	16.49	17.1	67.55	70.36	78.68	92.5	0	126.6	26.47	4.85	-0.003	12.35
6/29/2010 12:00	8208	13.85	47.34	12.28	22.47	8.09	48.59	16.81	15.31	67.52	71.27	79.51	92.7	0	306.3	26.48	4.85	0	12.24
6/29/2010 13:00	8209	15.85	56.62	11.12	24.26	9.71	58.92	17.28	18.89	68.52	73.46	75.53	88.6	0	361.4	26.48	4.843	-0.007	12.18
6/29/2010 14:00	8210	14.53	86	18.91	26.05	9.51	88.6	23.93	20.68	65.04	73.25	77.24	90.5	0	252.7	26.49	4.837	-0.006	13.06
6/29/2010 15:00	8211	12.44	84.4	13.77	20.68	8.13	87.5	20.28	17.1	60.27	71.62	82.5	96.6	0	294.7	26.48	4.837	0	13
6/29/2010 16:00	8212	11.4	52.41	12.02	22.47	7.084	53.79	17.03	17.1	56.98	71.24	81.7	96.9	0.18	223.7	26.47	4.853	0.016	12.96
6/29/2010 17:00	8213	5.409	16.54	18.68	9.95	3.885	18.09	20.26	9.95	51.02	68.72	86.5	99.4	0.01	106.1	26.46	4.914	0.061	12.25
6/29/2010 18:00	8214	9.04	31.97	17.39	17.1	5.861	34.93	18.87	15.31	62.05	70.23	83.7	99.1	0	135.6	26.44	4.92	0.006	12.15
6/29/2010 19:00	8215	11.61	12.71	13.78	18.89	8.4	15.82	14.79	17.1	69.74	71.25	80.3	95.4	0	235.5	26.44	4.92	-0.001	12.15
6/29/2010 20:00	8216	11.12	12.36	15.02	18.89	7.918	15.89	16.2	15.31	69.96	72.19	78.52	93.4	0	106.3	26.44	4.919	0	13.32
6/29/2010 21:00	8217	8.07	91.7	44.64	15.31	4.885	95.2	48.67	9.95	67.74	71.36	77.74	92.9	0	22.66	26.46	4.92	0	12.25
6/29/2010 22:00	8218	8.39	63.43	15.89	13.52	5.369	67.8	21.33	11.74	67.06	70.42	81.2	97.5	0.02	0.325	26.46	4.92	0	12.89
6/29/2010 23:00	8219	10.05	42.59	14.07	17.1	5.758	45.93	17.32	11.74	64.31	69.06	85.7	99.5	0	0	26.46	4.921	0.001	12.69
6/30/2010 0:00	8220	10.27	43.57	8.65	15.31	5.669	45.33	13.55	11.74	61.37	69.36	84	99.4	0	0.001	26.47	4.921	0	13.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/30/2010 1:00	8221	11.47	58.67	9.69	18.89	7.379	62.04	15.75	15.31	58.43	68.8	83.7	99.2	0	0.001	26.48	4.921	0	12.99
6/30/2010 2:00	8222	10.17	68.34	9.1	15.31	6.542	69.77	17.22	15.31	56.66	68.54	84.8	99.4	0	0.003	26.47	4.921	0	12.91
6/30/2010 3:00	8223	9.58	71.35	9.25	17.1	5.94	71.8	17.43	11.74	55.43	68.46	86.6	99.5	0	0.002	26.47	4.921	0	13.23
6/30/2010 4:00	8224	9.07	54.16	14.27	13.52	5.431	57.02	19.02	9.95	53.04	66.97	87.8	99.4	0.35	0.003	26.46	5.041	0.12	12.81
6/30/2010 5:00	8225	9.58	49.55	10.55	17.1	5.495	51.54	16.36	11.74	51.64	65.6	87.1	99.4	0	0	26.44	5.118	0.076	14.11
6/30/2010 6:00	8226	8.74	55.57	9.76	15.31	5.471	58.78	15.98	11.74	51.55	65.54	88.6	99.4	0	0.001	26.44	5.124	0.006	13.02
6/30/2010 7:00	8227	10.25	47.57	11.19	15.31	6.122	50.05	16.2	13.52	51.32	65.82	89.6	99.4	0	0.794	26.46	5.124	0	12.97
6/30/2010 8:00	8228	10.91	56.38	10.13	17.1	6.925	59.5	16.57	13.52	57.26	65.97	89.3	99.4	0	19.74	26.47	5.124	0	14.02
6/30/2010 9:00	8229	11.59	63.45	10.15	18.89	7.272	64.51	16.85	15.31	58.58	66.32	89	99.4	0	81.1	26.49	5.124	0	12.9
6/30/2010 10:00	8230	12.4	60.96	10.02	18.89	8.04	63.11	16.86	15.31	60.88	67.46	86.5	99.5	0	148.4	26.51	5.121	-0.003	12.23
6/30/2010 11:00	8231	13.84	72.27	10.53	20.68	8.53	73.3	18.93	15.31	61.39	69.26	83.5	97.7	0	214.8	26.52	5.119	-0.001	12.71
6/30/2010 12:00	8232	12.35	70.33	11.25	18.89	7.946	72.12	19.12	15.31	62.06	69.53	83.9	97.8	0	240.4	26.53	5.12	0	12.69
6/30/2010 13:00	8233	13.42	77.39	14.07	22.47	8.54	79.73	20.66	17.1	63.37	70.02	84.5	97.8	0.01	314.9	26.53	5.123	0.003	12.73
6/30/2010 14:00	8234	14.26	78.35	11.13	22.47	9.2	81	19.26	17.1	65.6	74.51	75.29	88.5	0	568.1	26.53	5.122	-0.001	14.04
6/30/2010 15:00	8235	14.68	70.6	10.97	27.84	9.2	72.97	18.36	18.89	60.9	72.05	80.1	94.3	0.15	314.1	26.53	5.144	0.022	12.74
6/30/2010 16:00	8236	15.74	72.75	9.49	24.26	9.79	74.4	18.1	18.89	50.63	70.8	84.2	98.3	0.01	451.9	26.5	5.243	0.098	12.54
6/30/2010 17:00	8237	14.77	79.8	12.19	26.05	9.55	82.1	19.6	18.89	56.15	75.78	71.59	85.8	0	614.5	26.49	5.258	0.016	12.66
6/30/2010 18:00	8238	11.3	95.2	14.11	22.47	7.591	98.2	21.32	18.89	54.19	74.56	74.56	88.3	0	276.9	26.5	5.258	0	12.85
6/30/2010 19:00	8239	12.85	68.16	11.93	22.47	8.17	69.66	19.23	15.31	58.35	76.81	68.1	82	0	379.2	26.49	5.255	-0.003	12.69
6/30/2010 20:00	8240	11.44	62.52	9.69	18.89	7.433	64.5	16.06	15.31	57.24	75.67	66.18	81.2	0	86.9	26.49	5.255	0	12.74
6/30/2010 21:00	8241	8.42	70.42	14.44	13.52	5.091	72.87	20.51	9.95	57.26	74.19	69.13	84.9	0	17.02	26.48	5.255	0	14.33
6/30/2010 22:00	8242	8.11	75.6	21.02	17.1	5.088	77.79	24.18	11.74	53.83	71.11	79.17	94.5	0	0.633	26.48	5.256	0	12.65
6/30/2010 23:00	8243	7.373	90.4	11.11	15.31	4.829	92.6	18.89	9.95	48.27	69.65	83.6	99	0.05	0.002	26.5	5.256	0	12.6
7/1/2010 0:00	8244	6.579	75.76	8.53	9.95	3.833	77.88	16.59	6.368	51.69	68.47	84.8	99.4	0	0.002	26.5	5.257	0.001	12.65
7/1/2010 1:00	8245	6.621	70.07	10.26	15.31	3.883	71.43	17.06	8.16	53.21	68.58	83.7	99.5	0	0.001	26.49	5.257	0	14.16
7/1/2010 2:00	8246	6.479	68.56	9.44	11.74	4.007	70.49	16.51	8.16	53.48	68.87	83.4	99.5	0	0.001	26.49	5.257	0	12.5
7/1/2010 3:00	8247	7.639	77.83	9.38	13.52	4.636	79.43	17.97	9.95	53.71	68.99	84.9	99.5	0	0.002	26.49	5.257	0	12.19
7/1/2010 4:00	8248	7.496	81.6	9.7	13.52	4.715	84.3	17.98	9.95	53.9	68.62	88	99.5	0	0.003	26.48	5.257	0	12.23
7/1/2010 5:00	8249	5.136	84	13.27	9.95	3.301	86.4	19.56	8.16	53.75	68.25	89.7	99.4	0	0.002	26.48	5.257	0	12.75
7/1/2010 6:00	8250	5.645	97.9	11.49	9.95	3.818	99.3	19.02	8.16	54.56	68.35	89.5	99.4	0	0.001	26.49	5.257	0	13.29
7/1/2010 7:00	8251	6.939	86.3	9.98	11.74	4.623	89.3	18.04	9.95	54.71	68.34	89.4	99.4	0	0.55	26.5	5.257	0	12.24
7/1/2010 8:00	8252	7.373	86.8	9.21	11.74	4.937	89	17.25	9.95	50.54	68.09	89.8	99.4	0	16.77	26.51	5.257	0	12.86
7/1/2010 9:00	8253	8.21	88.7	9.32	13.52	5.515	91.8	17.27	9.95	51.44	68.55	88.1	99.5	0	40.37	26.51	5.256	0	12.16
7/1/2010 10:00	8254	7.582	94.1	13.82	13.52	5.11	96.6	22.15	9.95	54.52	70.45	84	98.1	0	167.5	26.52	5.256	0	12.22
7/1/2010 11:00	8255	8.39	70.59	12.98	13.52	5.538	72.3	20.53	11.74	57.53	72.52	79.82	94.3	0	244.6	26.53	5.255	-0.001	14.06
7/1/2010 12:00	8256	7.823	78.34	16.49	15.31	5.342	79.15	23.88	11.74	58.73	74.88	74.31	88.6	0	357.1	26.54	5.255	0	13.86
7/1/2010 13:00	8257	9.21	87.3	14.54	18.89	6.224	89.6	21.99	13.52	57.16	76.45	69.31	83.7	0	360.8	26.54	5.255	0	12.23
7/1/2010 14:00	8258	10.66	91.1	12.2	17.1	7.207	93.6	20.2	13.52	56.54	76.23	69.84	84.1	0	365.6	26.54	5.255	0	12.73
7/1/2010 15:00	8259	10.22	80.3	14.8	18.89	6.854	82.2	22.28	13.52	56.88	77.77	66.88	80.9	0	427.2	26.53	5.255	0	12.66
7/1/2010 16:00	8260	10.95	86.4	12.27	18.89	7.323	89.1	19.85	13.52	59.31	78.15	65.65	79.95	0	373.1	26.52	5.255	0	12.76
7/1/2010 17:00	8261	12.57	85	12.16	20.68	8.14	87.4	20.44	15.31	61.69	78.35	65.38	79.55	0	380.9	26.5	5.255	0	12.98
7/1/2010 18:00	8262	13.95	95.5	18.34	24.26	8.98	99	24.92	20.68	60.27	77.69	69.49	83.5	0	326.5	26.49	5.252	-0.003	14.17
7/1/2010 19:00	8263	11.46	113.4	13.21	27.84	7.169	118.2	22.05	18.89	57.6	74.65	76.51	92.7	0	167.6	26.48	5.249	-0.003	13.14
7/1/2010 20:00	8264	12.99	107.2	12.55	24.26	8.02	110.3	20.64	17.1	55	68.31	90.8	99.3	0.47	15.09	26.41	5.361	0.112	10.12
7/1/2010 21:00	8265	10.43	106.8	11.11	18.89	6.667	110.3	20.1	13.52	58.52	68.48	90.9	99.4	0.08	7.495	26.46	5.546	0.185	12.39

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/1/2010 22:00	8266	9.81	108.2	9.55	18.89	6.106	111.1	18.92	11.74	62.79	68.77	90.1	99.4	0	0.291	26.46	5.596	0.051	12.32
7/1/2010 23:00	8267	10.18	100.9	10.39	17.1	6.607	105.2	19.62	13.52	67.52	68.82	88.8	99.4	0	0.023	26.48	5.612	0.016	12.5
7/2/2010 0:00	8268	9.29	97.6	11.12	15.31	6.134	99.9	19.87	11.74	67.36	68.91	89.5	99.4	0	0.009	26.48	5.615	0.003	12.65
7/2/2010 1:00	8269	8.11	91.1	10.69	20.68	5.442	93.6	18.35	13.52	67.06	68.96	90.3	99.4	0	0.008	26.47	5.615	0	12.5
7/2/2010 2:00	8270	9.71	108.4	12.03	17.1	6.075	111.4	20.98	11.74	65.8	68.77	90.9	99.4	0.02	0.032	26.47	5.628	0.013	12.55
7/2/2010 3:00	8271	9.21	111.4	10.15	15.31	5.611	114.8	19.86	11.74	62.14	68.3	91.9	99.4	0.01	0.053	26.45	5.634	0.006	12.65
7/2/2010 4:00	8272	9.56	105.8	10.26	17.1	5.934	109.8	19.13	11.74	60.29	68.15	91.8	99.4	0.04	0.075	26.44	5.672	0.038	12.6
7/2/2010 5:00	8273	8.27	105.3	9.72	13.52	5.349	108.1	18.22	9.95	60.86	68.14	92.1	99.4	0.02	0.107	26.43	5.695	0.022	12.73
7/2/2010 6:00	8274	7.157	102.4	10.69	11.74	4.567	105.5	18.55	9.95	63.16	68.17	91.9	99.4	0.01	0.149	26.42	5.698	0.003	14.26
7/2/2010 7:00	8275	7.924	88.2	9.77	13.52	5.241	91	17.03	11.74	71.23	67.85	92.1	99.4	0.04	0.504	26.42	5.726	0.029	12.74
7/2/2010 8:00	8276	8.38	81.9	9.72	15.31	5.373	85.4	17.37	11.74	74.97	67.93	91.6	99.4	0	14.03	26.42	5.736	0.01	12.75
7/2/2010 9:00	8277	8.38	68.72	12.67	17.1	5.374	70.89	18.94	13.52	61.6	68.11	92.2	99.4	0.13	25.8	26.42	5.809	0.073	12.86
7/2/2010 10:00	8278	8.12	110.5	15.45	13.52	5.071	114.4	22.75	9.95	59.43	68.55	92.5	99.4	0.16	62.86	26.42	5.97	0.161	12.91
7/2/2010 11:00	8279	10.28	114.1	11.11	15.31	6.371	117.7	20.31	13.52	61.68	70.04	89.2	99.4	0.02	195.5	26.42	6.011	0.04	12.73
7/2/2010 12:00	8280	8.58	116.2	9.54	13.52	5.363	119.9	19.06	9.95	65.23	71.48	86.2	99.4	0.01	233.9	26.42	6.02	0.009	12.35
7/2/2010 13:00	8281	7.65	112	17.05	13.52	5.046	116.2	24.7	9.95	64.98	72.08	86.1	99.4	0.01	242.2	26.42	6.029	0.009	12.41
7/2/2010 14:00	8282	7.506	134.4	13.3	11.74	4.996	140.6	21.44	9.95	63.11	73.4	82.3	98.6	0	327.7	26.41	6.035	0.006	12.33
7/2/2010 15:00	8283	5.078	133.1	24.95	9.95	3.49	139.1	32.36	8.16	61.42	74.51	80.4	96.3	0.02	258	26.4	6.051	0.016	12.37
7/2/2010 16:00	8284	5.099	169.3	16.26	9.95	3.4	178.2	19.95	8.16	62.58	73.66	82.6	99.2	0.01	231.9	26.39	6.067	0.016	12.53
7/2/2010 17:00	8285	5.399	155.3	21.41	8.16	3.631	163.4	26.63	8.16	61.58	73.75	80.2	97.8	0	194.9	26.37	6.07	0.003	12.46
7/2/2010 18:00	8286	4.975	115.7	21.68	15.31	3.418	119.6	26.71	9.95	65.01	74.37	78.78	95.5	0.03	164.2	26.36	6.073	0.003	12.31
7/2/2010 19:00	8287	4.224	88	23.09	9.95	2.714	86.4	27.53	6.368	65.63	71.51	87.7	99.4	0.06	81.7	26.35	6.146	0.073	12.75
7/2/2010 20:00	8288	5.605	109.3	13.81	9.95	3.575	110.8	19.85	8.16	71.81	72.83	84.1	99.4	0	64.78	26.34	6.159	0.013	12.21
7/2/2010 21:00	8289	4.586	114.5	22.07	8.16	2.543	116.4	25.01	8.16	77.76	72.09	86.3	99.4	0	10.58	26.34	6.159	0	12.48
7/2/2010 22:00	8290	4.673	125.6	8.59	8.16	2.206	123.8	13.72	4.578	77.51	71.08	86.4	99.4	0	0.222	26.34	6.16	0.001	12.34
7/2/2010 23:00	8291	6.42	125.3	8.93	11.74	3.755	128.2	17.66	8.16	77.22	71.06	87.5	99.4	0	0.026	26.34	6.157	-0.003	12.21
7/3/2010 0:00	8292	7.102	127.4	8.56	11.74	4.143	132.2	17.76	8.16	75.68	70.55	89.7	99.4	0	0.033	26.35	6.157	0	12.61
7/3/2010 1:00	8293	7.122	127.6	9.98	11.74	4.303	132	18.85	8.16	74.06	70.14	91.1	99.4	0.01	0.05	26.34	6.157	0	12.21
7/3/2010 2:00	8294	7.874	132.9	18.76	17.1	4.685	136.7	25.42	11.74	76.53	69.91	91.2	99.4	0.02	0.055	26.33	6.185	0.029	12.39
7/3/2010 3:00	8295	5.501	176.8	16.18	13.52	3.275	182.3	18.15	9.95	70.78	67.59	91.7	99.4	0.15	0.048	26.32	6.243	0.058	12.49
7/3/2010 4:00	8296	3.384	175	25.79	8.16	1.856	190.2	19.05	6.368	71.45	67.32	93.3	99.4	0.54	0.059	26.31	6.544	0.301	12.17
7/3/2010 5:00	8297	2.9	86.1	17	6.368	1.325	86.8	10.72	4.578	69.76	67.53	93.8	99.4	0.39	0.109	26.29	6.896	0.352	12.52
7/3/2010 6:00	8298	5.225	114.9	19.36	17.1	2.936	118.6	23.88	11.74	69.65	68.09	93.9	99.4	0.38	0.091	26.29	7.305	0.409	14.09
7/3/2010 7:00	8299	9.39	122.8	9.46	13.52	5.505	126.4	18.41	9.95	72.74	69.11	92.3	99.4	0.02	0.261	26.28	7.461	0.155	12.47
7/3/2010 8:00	8300	8.88	130.2	10.11	15.31	5.257	135.4	18.85	11.74	72.85	69.44	92.1	99.4	0.01	12.45	26.29	7.504	0.044	12.57
7/3/2010 9:00	8301	9.29	137.7	11.57	17.1	5.627	143.6	19.09	11.74	73.7	70.15	90.5	99.4	0.01	34.63	26.3	7.51	0.006	12.68
7/3/2010 10:00	8302	8.83	134.4	11.61	15.31	5.433	141.1	18.92	9.95	72.69	70.36	90.6	99.4	0	70.55	26.32	7.517	0.006	12.22
7/3/2010 11:00	8303	9.53	130.7	10.46	17.1	5.827	136.9	19.29	13.52	73.08	70.94	90.1	99.4	0.01	172.6	26.31	7.526	0.009	12.33
7/3/2010 12:00	8304	10.74	147	13.65	18.89	6.419	154.8	19.86	13.52	71.79	71.85	88.1	99.4	0.05	233.6	26.31	7.544	0.018	12.14
7/3/2010 13:00	8305	11.87	133	13.95	18.89	7.372	139.2	21.1	13.52	73.05	72.66	86.6	99.4	0	296.5	26.3	7.569	0.025	12.45
7/3/2010 14:00	8306	13.39	124.3	11.59	22.47	8.13	129.6	20.74	18.89	72.46	71.54	88.9	99.4	0.06	239.2	26.3	7.61	0.041	12.67
7/3/2010 15:00	8307	12.25	101.9	15.72	22.47	7.791	105.7	22.08	18.89	71.54	70.57	90.2	99.4	0.29	195.6	26.27	7.69	0.08	12.26
7/3/2010 16:00	8308	13.05	100.9	13.71	24.26	8.37	103.9	21.18	20.68	72.26	70.37	91.7	99.4	0.4	164	26.25	7.989	0.299	13.58
7/3/2010 17:00	8309	11.41	141.7	41.62	33.21	7.057	149.3	45.8	22.47	72.36	70.82	90.6	99.4	0.47	93.5	26.24	8.33	0.339	12.28
7/3/2010 18:00	8310	17.42	156.1	9.85	29.63	10.24	163	16.27	20.68	73.58	73.12	85.3	99.4	0	171.1	26.23	8.51	0.18	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/3/2010 19:00	8311	15.06	157.5	9.23	24.26	8.73	164.3	16.84	18.89	72.78	72.7	86	99.4	0	76.37	26.23	8.55	0.044	12.25
7/3/2010 20:00	8312	13.91	155.6	9.51	24.26	8.18	162.3	17.33	17.1	72.49	72.47	85.6	99.4	0	24.43	26.22	8.56	0.01	12.2
7/3/2010 21:00	8313	12.25	157.8	9.29	20.68	7.17	165.7	17.33	15.31	72.78	72.68	84.7	99.4	0	7.611	26.23	8.56	0.003	12.22
7/3/2010 22:00	8314	12.58	159.4	8.88	20.68	7.455	166.7	16.24	15.31	72.58	72.51	85.6	99.4	0.01	0.12	26.25	8.56	0	12.22
7/3/2010 23:00	8315	12.37	167.2	10.91	20.68	7.437	174.8	17.34	17.1	71.25	71.16	89.5	99.4	0.15	0.029	26.25	8.62	0.051	12.21
7/4/2010 0:00	8316	9.74	165.6	9.62	15.31	5.879	173.3	16.74	11.74	73.18	71.32	90.4	99.4	0	0.051	26.26	8.65	0.029	12.47
7/4/2010 1:00	8317	13.35	165.1	9.21	24.26	7.972	172.8	16.76	18.89	74.45	71.64	90.4	99.4	0	0.069	26.25	8.66	0.012	12.34
7/4/2010 2:00	8318	14.78	168.4	8.95	24.26	8.98	176.6	16.64	17.1	74.7	71.95	89.7	99.4	0	0.04	26.23	8.66	0.003	12.34
7/4/2010 3:00	8319	11.91	171.1	9.56	20.68	7.312	179.6	16.88	15.31	73.79	72.03	89.3	99.4	0	0.012	26.23	8.66	0.003	12.17
7/4/2010 4:00	8320	10.31	165.1	9.44	17.1	6.12	172	16.82	11.74	72.64	71.87	89.3	99.4	0	0.015	26.22	8.66	0	12.19
7/4/2010 5:00	8321	7.834	146.2	14.84	13.52	4.685	153.2	21.3	9.95	72.27	71.75	89.2	99.4	0	0.012	26.23	8.67	0.003	12.31
7/4/2010 6:00	8322	9.54	145.1	9.86	17.1	5.783	151.7	16.71	11.74	72.08	71.56	88.8	99.4	0	0.009	26.23	8.66	-0.003	12.89
7/4/2010 7:00	8323	10.9	160.1	11.17	17.1	6.503	166.7	18.05	11.74	72.05	71.52	88.9	99.4	0	0.387	26.24	8.66	0	12.25
7/4/2010 8:00	8324	10.22	176	9.59	17.1	6.285	184.2	16.14	11.74	72.26	71.8	88.9	99.4	0	20.73	26.25	8.66	0	12.62
7/4/2010 9:00	8325	7.811	178.5	11.95	13.52	5.034	188.2	17.26	9.95	73.04	72.94	86.9	99.4	0	110.4	26.27	8.67	0.003	12.24
7/4/2010 10:00	8326	8.54	159.9	20.05	13.52	5.482	168.1	25.09	11.74	75.31	76.07	80.5	94.3	0	340.5	26.28	8.67	0	12.15
7/4/2010 11:00	8327	11.06	143.6	12.56	17.1	6.874	149.9	19.26	13.52	76.49	77.23	77.73	91.4	0	379.8	26.3	8.67	0	12.55
7/4/2010 12:00	8328	9.82	140.5	15.39	17.1	6.235	147	22.58	11.74	77.39	78.52	75.11	88.5	0	396.8	26.32	8.66	-0.001	12.2
7/4/2010 13:00	8329	9.18	155.4	14.94	15.31	5.889	163.4	21.62	13.52	78.57	79.96	73.02	86.3	0	450.2	26.33	8.66	0	12.66
7/4/2010 14:00	8330	7.629	162	21.59	15.31	5.183	170.4	26.63	13.52	80.4	82.6	66.97	80.2	0	536.1	26.32	8.66	-0.003	12.61
7/4/2010 15:00	8331	7.226	136.8	23.57	15.31	4.867	144.8	30.67	11.74	37.68	83.5	62.19	76.4	0	510	26.33	8.66	0	12.63
7/4/2010 16:00	8332	7.023	148.4	33.55	15.31	4.93	154.2	39.01	11.74	-109.4	86.7	57.92	70.76	0	815	26.32	8.66	0	12.57
7/4/2010 17:00	8333	6.721	129.4	25.49	15.31	4.293	135.2	32.67	9.95	-79.31	85.1	58.41	73.23	0	295.8	26.31	8.66	0	12.19
7/4/2010 18:00	8334	9.05	150.1	15.95	15.31	5.647	156.7	21.89	11.74	-49.31	84.5	60.5	75.36	0	289.5	26.29	8.66	0	12.19
7/4/2010 19:00	8335	10.48	147.9	14.28	18.89	6.485	155.1	21.14	13.52	-59.54	86.1	61.29	74.61	0	445.8	26.28	8.66	-0.003	12.68
7/4/2010 20:00	8336	11.99	141	12.28	18.89	7.242	148.2	18.92	13.52	-77.02	83.5	64.08	78.71	0	260.7	26.28	8.65	-0.006	12.21
7/4/2010 21:00	8337	13.17	140.5	8.7	20.68	7.98	148.1	16.67	15.31	-55.08	80.5	68.97	83.6	0	80.9	26.29	8.64	-0.012	12.18
7/4/2010 22:00	8338	11.97	141.8	8.64	20.68	7.106	149.1	16.41	13.52	-77.89	75.97	77.24	93.1	0	0.878	26.28	8.62	-0.015	12.27
7/4/2010 23:00	8339	13.37	141.9	9.35	22.47	7.947	148.8	16.58	17.1	-87.9	73.33	85	99.2	0	0.014	26.28	8.62	-0.008	12.24
7/5/2010 0:00	8340	12.92	166.1	13.24	24.26	7.675	174.1	19.08	17.1	-66.3	72.11	86.1	99.4	0	0.01	26.28	8.61	-0.009	12.22
7/5/2010 1:00	8341	12.93	175.6	9.02	22.47	8.1	183.8	15.66	17.1	-31.26	72.01	85.3	99.4	0	0.011	26.29	8.6	-0.003	12.21
7/5/2010 2:00	8342	11.14	167.3	9.67	22.47	6.789	175.9	16.89	15.31	40.34	70.87	87.8	99.4	0	0.006	26.27	8.59	-0.009	13.49
7/5/2010 3:00	8343	8.75	161.2	10.53	15.31	5.219	169.4	17.94	11.74	33.98	69.97	90.2	99.4	0	0.005	26.25	8.59	-0.002	12.25
7/5/2010 4:00	8344	9.47	168.7	9.95	17.1	5.858	177.2	16.53	11.74	26.09	70.09	91.2	99.4	0	0.006	26.23	8.59	-0.006	13.16
7/5/2010 5:00	8345	10.15	168.1	9.99	17.1	6.26	176.5	17.14	11.74	10.65	70.39	91.2	99.4	0	0.005	26.23	8.59	0	12.24
7/5/2010 6:00	8346	13.14	165.6	10.13	20.68	7.805	173.1	17.46	17.1	18.2	70.81	90	99.4	0	0.007	26.23	8.58	-0.004	12.25
7/5/2010 7:00	8347	12.46	157.1	9.49	20.68	7.44	163.9	17.24	15.31	29.16	71.16	89.4	99.4	0	0.722	26.24	8.58	-0.003	12.17
7/5/2010 8:00	8348	12.5	163.4	10.16	20.68	7.408	170.3	17.4	15.31	27.25	71.7	88.1	99.4	0	32.85	26.26	8.58	0	12.59
7/5/2010 9:00	8349	12.81	172	11.01	22.47	8.06	180	17.02	17.1	24.55	72.97	85.2	99	0	111.1	26.27	8.58	-0.001	12.47
7/5/2010 10:00	8350	11.94	179.6	13.59	18.89	7.839	188.3	18.67	15.31	18.81	76.24	78	91.8	0	310.3	26.29	8.58	-0.001	12.84
7/5/2010 11:00	8351	9.15	197.8	16.66	15.31	6.6	205.1	19.21	11.74	14.09	78.21	74.44	87.5	0	482.4	26.31	8.58	0	12.35
7/5/2010 12:00	8352	5.448	226.2	23.53	11.74	4.29	232.9	24.16	9.95	32.74	81	70.1	83.4	0	569.1	26.33	8.58	-0.001	12.94
7/5/2010 13:00	8353	3.794	229.6	57	9.95	3.017	239.3	51.64	9.95	37.86	84.7	62.4	75.99	0	674.3	26.35	8.58	0	12.63
7/5/2010 14:00	8354	2.928	254.7	63.21	8.16	2.502	266.1	62	8.16	35.69	88.5	53.81	68.11	0	984	26.36	8.57	-0.003	12.55
7/5/2010 15:00	8355	3.922	286	57.37	9.95	3.267	287.9	57.73	9.95	33.17	90.5	51.98	65.71	0	982	26.36	8.57	0	12.52

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/5/2010 16:00	8356	4.783	92.5	57.22	11.74	3.504	92	62.69	9.95	84.3	92.5	46.81	60.33	0	963	26.35	8.57	-0.006	12.3
7/5/2010 17:00	8357	7.071	130.1	32.08	13.52	4.559	134.9	36.04	11.74	87.9	91.1	45.96	59.64	0	567.3	26.34	8.55	-0.013	12.78
7/5/2010 18:00	8358	5.912	143.4	32.85	13.52	4.076	148.9	40.9	8.16	89.9	92.6	40.54	53.69	0	595.7	26.33	8.54	-0.013	12.72
7/5/2010 19:00	8359	12.8	128.2	21	24.26	7.845	134.5	28.18	17.1	85.8	89.4	54.53	67.33	0	420.3	26.31	8.52	-0.019	12.63
7/5/2010 20:00	8360	14.37	128	12.35	22.47	8.68	134.6	20.77	17.1	38.63	84.5	64.85	78.62	0	276.2	26.31	8.5	-0.022	12.2
7/5/2010 21:00	8361	13.95	129.2	9.79	20.68	8.31	135.4	19.34	15.31	35.91	79.06	72.27	86.4	0	80.2	26.31	8.48	-0.021	12.21
7/5/2010 22:00	8362	7.789	131.7	8.68	15.31	4.524	137.1	17.69	11.74	39.24	73.63	76.35	92.9	0	0.909	26.31	8.46	-0.021	12.46
7/5/2010 23:00	8363	7.37	132.1	8.99	11.74	4.08	135.8	17.81	8.16	38.77	71.23	81.3	98.5	0	0.004	26.31	8.45	-0.011	12.33
7/6/2010 0:00	8364	6.123	108.1	17.34	9.95	3.504	106.7	23.51	6.368	37.93	70.43	85.1	99.4	0	0.002	26.31	8.43	-0.012	12.22
7/6/2010 1:00	8365	6.829	95.6	12.4	17.1	4.269	96.2	19.01	8.16	37.38	70.14	88.3	99.4	0	0.001	26.32	8.43	-0.006	12.27
7/6/2010 2:00	8366	6.746	77.35	16.89	9.95	4.417	78.32	20.91	8.16	36.27	69.82	90.8	99.4	0	0.003	26.32	8.42	-0.006	12.34
7/6/2010 3:00	8367	5.612	69.11	9.77	8.16	3.413	70.91	15.59	6.368	35.76	69.55	91.8	99.4	0	0.002	26.32	8.42	-0.006	12.25
7/6/2010 4:00	8368	4.09	91.3	14.4	6.368	1.127	80.1	11.07	4.578	35.75	69.24	92.9	99.4	0	0.002	26.32	8.41	-0.006	12.22
7/6/2010 5:00	8369	4.8	112.4	9.58	8.16	2.277	109.7	15.29	4.578	35.84	69.39	93.4	99.4	0	0.002	26.31	8.41	0	12.3
7/6/2010 6:00	8370	5.038	100.1	17.7	8.16	2.705	97	20.9	6.368	35.92	69.59	93.2	99.4	0	0.005	26.32	8.4	-0.006	12.4
7/6/2010 7:00	8371	6.007	94.5	17.4	9.95	3.658	96.7	23.72	8.16	35.92	69.98	93	99.4	0	0.584	26.33	8.4	-0.003	13.48
7/6/2010 8:00	8372	3.806	99.2	13.38	8.16	1.946	99.2	15.39	6.368	36.36	70.8	92.5	99.4	0	33.81	26.34	8.4	-0.003	12.41
7/6/2010 9:00	8373	5.52	93.9	11.76	9.95	3.807	95.9	18.91	8.16	37.59	72.33	89.3	99.4	0	94.9	26.36	8.39	-0.004	12.71
7/6/2010 10:00	8374	6.647	120.7	16.62	11.74	4.262	125.3	24.2	8.16	39.34	74.17	84.4	99	0	174.6	26.38	8.39	-0.001	12.67
7/6/2010 11:00	8375	8.3	140.1	11.71	13.52	5.419	144.8	19.01	9.95	40.06	76.02	78.01	92.6	0	280.5	26.4	8.39	-0.001	12.23
7/6/2010 12:00	8376	8.12	153.9	16.67	13.52	5.356	161.4	23.45	9.95	43.23	78.18	72.26	85.7	0	378.6	26.42	8.39	0	12.22
7/6/2010 13:00	8377	5.644	159.6	19.68	9.95	3.755	171.3	23.64	8.16	45.6	78.45	69.61	83.5	0	254.2	26.44	8.39	0	12.28
7/6/2010 14:00	8378	4.95	143	46.64	13.52	3.437	154.9	50.64	11.74	50.48	81.3	64.2	78.05	0	478.6	26.43	8.39	-0.001	12.59
7/6/2010 15:00	8379	6.144	119.5	26.58	13.52	4.072	125.2	31.31	9.95	54.32	83.4	60.16	73.97	0	441.2	26.43	8.39	-0.003	12.93
7/6/2010 16:00	8380	8.38	138.3	22.47	15.31	5.454	143.6	29.24	11.74	59.78	83.1	59.48	73.22	0	453.5	26.41	8.38	-0.003	12.33
7/6/2010 17:00	8381	9.45	143.1	15.1	17.1	5.945	148.8	22.41	11.74	80	83.9	51.16	65.18	0	394.3	26.39	8.38	-0.006	12.34
7/6/2010 18:00	8382	10.39	142.7	17.72	22.47	6.596	149.2	24.61	17.1	64.87	86	45	57.87	0	572.5	26.38	8.37	-0.01	12.31
7/6/2010 19:00	8383	12.48	152.5	16.09	22.47	7.673	160.6	22.48	17.1	82.2	84.9	45.99	58.63	0	459.2	26.38	8.35	-0.013	12.7
7/6/2010 20:00	8384	12.25	138.4	11.03	20.68	7.478	144.6	18.83	15.31	72.86	83.8	50	63.33	0	275.3	26.38	8.34	-0.016	12.23
7/6/2010 21:00	8385	10.27	139	8.34	20.68	5.827	144.7	16.13	15.31	73.94	80.1	53.6	68.19	0	76.1	26.38	8.31	-0.024	12.23
7/6/2010 22:00	8386	5.799	121.1	8.81	8.16	2.384	109.8	12.47	4.578	74.68	73.76	64.39	85.2	0	0.544	26.37	8.3	-0.015	12.68
7/6/2010 23:00	8387	5.435	109.6	7.537	8.16	2.177	87	12.04	4.578	73.44	71.97	68.65	91.5	0	0.006	26.37	8.29	-0.012	12.55
7/7/2010 0:00	8388	4.95	101.8	8.83	6.368	2.227	84.6	11.1	4.578	73.82	73.04	70.11	92.1	0	0.004	26.37	8.28	-0.006	12.21
7/7/2010 1:00	8389	5.593	77.08	11.16	11.74	2.749	74.28	15.09	6.368	73.2	73.02	74.31	93.8	0	0.005	26.37	8.28	-0.003	12.17
7/7/2010 2:00	8390	6.136	69.17	8.54	8.16	3.561	67.45	14.36	6.368	71.75	72.06	78.13	95.9	0	0.004	26.37	8.27	-0.003	12.45
7/7/2010 3:00	8391	5.316	56.76	13.36	9.95	2.764	60.85	16.89	6.368	69.9	70.13	80.9	98.3	0	0.004	26.36	8.27	-0.006	12.28
7/7/2010 4:00	8392	5.432	40.72	15.65	9.95	2.99	46.1	17.55	8.16	69.88	69.66	78.48	97.3	0	0.001	26.35	8.27	-0.003	12.25
7/7/2010 5:00	8393	7.563	18.79	10.35	13.52	4.875	26.31	12.33	9.95	69.08	70.09	81	96.2	0	0.002	26.35	8.26	-0.003	12.48
7/7/2010 6:00	8394	6.607	38.57	14.85	11.74	3.963	45.88	16.69	9.95	67.27	68.29	84.9	99.3	0	0.002	26.35	8.26	-0.006	12.3
7/7/2010 7:00	8395	7.158	32.91	17.46	11.74	4.352	36.93	20.62	9.95	66.54	67.41	85.1	99.4	0	1.076	26.35	8.25	-0.003	12.2
7/7/2010 8:00	8396	8.2	35.57	10.49	13.52	4.682	38.67	12.59	8.16	67.3	68.47	83	98.2	0	28.51	26.37	8.25	-0.003	12.19
7/7/2010 9:00	8397	8.47	52.21	12.6	13.52	5.302	55.45	17.42	9.95	69.53	71.1	77.25	92.3	0	146.7	26.39	8.25	-0.001	12.19
7/7/2010 10:00	8398	6.856	49.36	12.59	11.74	4.285	49.4	17.55	9.95	69.01	77.12	69.28	83.2	0	425.1	26.42	8.25	-0.002	12.6
7/7/2010 11:00	8399	3.472	34.83	37.79	9.95	2.641	32.18	38.41	8.16	63.69	83.3	59.04	72.75	0	607	26.45	8.24	-0.004	12.7
7/7/2010 12:00	8400	3.638	77.98	48.87	8.16	2.641	77.05	50.54	6.368	60.09	83.6	57.65	71.52	0	403	26.48	8.24	0	12.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/7/2010 13:00	8401	4.736	131.4	49.16	9.95	3.368	137.9	54.97	8.16	59.57	84.3	55.51	68.97	0	417.1	26.49	8.24	-0.003	12.71
7/7/2010 14:00	8402	3.939	150.4	52.47	9.95	2.731	168	50.67	8.16	60.91	85.4	54.93	68.11	0	457.1	26.49	8.24	0	12.64
7/7/2010 15:00	8403	7.868	122.8	36.44	18.89	5.506	126.4	43.01	15.31	60.43	86.3	52.27	65.18	0	636.7	26.48	8.24	0	14.24
7/7/2010 16:00	8404	9.74	191.8	16.78	17.1	6.833	199.9	20.02	11.74	57.14	83.1	60.2	72.7	0	548.7	26.46	8.23	-0.006	12.32
7/7/2010 17:00	8405	9.4	211	64.18	22.47	6.876	217.5	65.12	17.1	59.5	85.4	51.11	62.63	0	747.3	26.45	8.23	-0.006	13.05
7/7/2010 18:00	8406	15.65	55.97	10.55	26.05	9.74	59.35	16.7	17.1	51.54	78.31	62.31	75.47	0	289.2	26.45	8.21	-0.015	12.32
7/7/2010 19:00	8407	16.46	80.1	13.74	26.05	10.23	82.4	21.29	18.89	60.12	77.39	65.28	78.84	0	193.5	26.43	8.2	-0.016	12.18
7/7/2010 20:00	8408	17.38	63.15	10.62	27.84	11.03	66.4	17.27	20.68	72.16	73.94	79.14	92.9	0	56.06	26.42	8.18	-0.018	12.67
7/7/2010 21:00	8409	12	60.91	9.82	20.68	7.776	64.53	16.71	15.31	70.17	71.56	82.9	97.7	0	12.15	26.43	8.16	-0.022	12.19
7/7/2010 22:00	8410	8.9	54.83	9.96	17.1	5.629	57.79	15.74	11.74	69.56	70.72	78.04	93.9	0	0.215	26.43	8.15	-0.011	12.33
7/7/2010 23:00	8411	9.39	61.23	12.35	17.1	5.911	65.35	17.57	13.52	69.19	70.16	80.3	96.8	0	0.001	26.43	8.13	-0.016	12.36
7/8/2010 0:00	8412	13.58	79.93	8.02	22.47	8.1	82.4	17.77	17.1	70.14	71.15	76.78	93	0	0.001	26.44	8.13	-0.003	13.5
7/8/2010 1:00	8413	12.16	92.2	10.18	24.26	8.04	95.2	18.3	15.31	69.96	71.19	80.6	95.7	0	0.003	26.44	8.12	-0.01	12.71
7/8/2010 2:00	8414	8.86	71.05	10.25	15.31	5.65	72.47	17.58	11.74	69.41	70.65	85.6	99.3	0	0.003	26.44	8.11	-0.006	12.33
7/8/2010 3:00	8415	5.542	64.61	14.67	9.95	3.561	67.61	18.89	8.16	68.85	70.08	88.9	99.4	0	0.002	26.44	8.1	-0.006	12.25
7/8/2010 4:00	8416	5.774	25.79	26.19	11.74	3.955	27.39	26.98	9.95	69.17	70.46	87.9	99.4	0	0.003	26.44	8.1	0	12.22
7/8/2010 5:00	8417	8.45	17.8	9.14	13.52	6.101	21.54	11.57	11.74	68.65	70.04	88.6	99.4	0	0.001	26.44	8.1	-0.003	12.2
7/8/2010 6:00	8418	9.41	24.08	9.49	15.31	5.952	28	11.79	15.31	66.63	69.76	89.6	99.4	0	0.001	26.44	8.1	0	12.25
7/8/2010 7:00	8419	7.556	31.7	11.11	13.52	4.368	35.62	12.7	9.95	66.85	69.62	89.5	99.4	0	0.507	26.45	8.1	-0.003	13.49
7/8/2010 8:00	8420	7.006	31.53	16.08	11.74	4.494	35.66	17.73	9.95	66.85	68.86	83.5	98.6	0	18.24	26.46	8.1	0	12.22
7/8/2010 9:00	8421	8.07	22.3	13.09	13.52	5.355	27.16	14.07	9.95	67.12	69.97	83.7	98.2	0	118.2	26.47	8.09	-0.003	12.17
7/8/2010 10:00	8422	11.13	34.79	10.84	18.89	6.419	36.4	13.65	15.31	69.2	72.64	82.1	96.4	0	260.1	26.5	8.09	-0.001	13.84
7/8/2010 11:00	8423	12.04	37.48	11.78	18.89	6.954	38.98	14.28	13.52	70.53	74.55	77.68	91.6	0	388.4	26.52	8.09	-0.001	13.92
7/8/2010 12:00	8424	12.23	36.23	13.52	20.68	7.199	38.03	16.02	17.1	70.84	74.62	78.42	92.2	0.02	331.3	26.53	8.09	-0.003	12.61
7/8/2010 13:00	8425	11.82	41.24	15.16	18.89	7.034	43.74	17.77	17.1	61.85	73.72	79.16	95.3	0.01	297.2	26.53	8.09	0.001	12.44
7/8/2010 14:00	8426	12.41	47.31	15.92	18.89	7.354	48.53	19.4	15.31	54.6	77.3	71.48	86.8	0	677.6	26.52	8.09	0.003	12.22
7/8/2010 15:00	8427	12.79	55.87	16.42	20.68	8.02	56.7	20.8	15.31	60.01	81.8	65.52	78.65	0	894	26.52	8.09	-0.001	12.22
7/8/2010 16:00	8428	11.88	51.55	14.88	18.89	7.287	52.81	19.35	15.31	62.66	82	64.22	77.14	0	715.8	26.52	8.09	0	12.75
7/8/2010 17:00	8429	11.04	63.33	16.08	20.68	7.066	65.35	22.52	13.52	67.47	83	61.66	74.73	0	620.3	26.51	8.09	0	12.25
7/8/2010 18:00	8430	11.71	73.91	18.12	18.89	7.634	76.56	24.81	15.31	67.77	84	59.96	72.73	0	610	26.5	8.08	-0.01	12.98
7/8/2010 19:00	8431	10.73	72.32	11.83	17.1	7.102	74.02	19.24	13.52	67.22	83.5	59.14	72.41	0	385.5	26.48	8.07	-0.01	12.49
7/8/2010 20:00	8432	11.63	63.6	14.12	22.47	7.276	64.39	19.16	17.1	71.1	80.9	63.6	77.61	0	133.5	26.48	8.05	-0.018	12.21
7/8/2010 21:00	8433	9.72	47.85	10.21	17.1	5.763	50.48	16.1	11.74	75	76.45	72.1	86.7	0	16.69	26.48	8.03	-0.022	12.35
7/8/2010 22:00	8434	9.29	60.17	9.77	13.52	6.144	63.51	15.78	11.74	73.58	74.77	76.7	91.7	0	0.322	26.48	8.02	-0.008	12.3
7/8/2010 23:00	8435	9.37	59.11	10.39	13.52	5.986	62.46	16.5	11.74	72.04	73.17	78.72	93.8	0	0.009	26.49	7.998	-0.025	12.17
7/9/2010 0:00	8436	7.605	49.98	9.4	13.52	4.521	53.76	15.5	9.95	70.43	71.54	80.5	95.5	0	0.006	26.5	7.986	-0.013	12.28
7/9/2010 1:00	8437	8.46	59.04	8.65	20.68	5.504	62.69	15.36	13.52	69.92	70.97	86.1	99.4	0	0.006	26.5	7.98	-0.006	12.28
7/9/2010 2:00	8438	7.903	51.34	11.99	13.52	4.814	54.28	16.86	9.95	69.56	70.63	88.3	99.4	0	0.005	26.49	7.974	-0.006	13.47
7/9/2010 3:00	8439	6.399	56.38	12.38	9.95	4.08	59.68	17.06	8.16	69	70.07	90.7	99.4	0	0.006	26.48	7.965	-0.009	12.37
7/9/2010 4:00	8440	6.253	29.4	13.34	11.74	4.026	32.3	15.21	9.95	69.03	70.21	90.6	99.4	0	0.003	26.47	7.962	-0.003	13.85
7/9/2010 5:00	8441	7.3	36.58	9.66	11.74	4.197	40.41	12.1	8.16	68.94	70.13	89.3	99.4	0	0.003	26.43	7.955	-0.006	9.95
7/9/2010 6:00	8442	8.9	40.12	9.14	15.31	5.046	42.31	13.39	9.95	68.97	70.15	88.7	99.4	0	0.006	26.34	7.952	-0.003	12.16
7/9/2010 7:00	8443	7.403	43.56	10.05	11.74	4.208	45.54	14.49	8.16	68.44	69.5	89.2	99.4	0	0.798	26.48	7.952	0	12.24
7/9/2010 8:00	8444	8.35	38.37	11.12	13.52	4.676	40.05	13.7	8.16	66.52	70.21	88.3	99.4	0	47.47	26.48	7.949	-0.003	12.75
7/9/2010 9:00	8445	11.06	39.61	11.98	17.1	6.397	41.88	15.01	13.52	56.69	71.67	83.7	98.1	0	135.9	26.5	7.948	-0.001	12.49

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/9/2010 10:00	8446	10.59	42.91	13.41	15.31	6.314	45.56	17.48	11.74	57.96	73.08	80.3	94.6	0	184.5	26.52	7.947	0	12.32
7/9/2010 11:00	8447	12.42	50.23	18.56	18.89	7.714	52.16	21.68	17.1	72.06	74.39	76.86	90.6	0	368.8	26.53	7.947	-0.001	12.39
7/9/2010 12:00	8448	13.07	59.28	13.88	20.68	8.27	60.95	19.82	15.31	71.8	78.25	69.81	82.4	0	620.4	26.55	7.943	-0.003	12.54
7/9/2010 13:00	8449	12.57	68.39	11.81	20.68	8.16	71.02	19.48	15.31	63.69	79.7	66.93	79.62	0	611.7	26.55	7.943	0	12.31
7/9/2010 14:00	8450	12.67	70.44	13.53	18.89	8.23	72.63	20.1	15.31	65.33	80.3	66.92	79.47	0	540.2	26.55	7.936	-0.007	12.72
7/9/2010 15:00	8451	11.43	68.96	19.43	18.89	7.371	70.51	24.51	15.31	74.45	81.3	65.11	78.04	0	506	26.54	7.926	-0.01	12.44
7/9/2010 16:00	8452	11.49	63.68	12.93	22.47	7.247	66.04	19.68	15.31	74.43	81.2	64.77	78.31	0	338.4	26.52	7.914	-0.012	12.25
7/9/2010 17:00	8453	10.73	81	15.06	20.68	7.027	84.7	21.82	15.31	73.34	78.28	71.52	86.6	0	217.9	26.51	7.902	-0.012	12.74
7/9/2010 18:00	8454	9.16	141.8	11.58	17.1	5.706	148.4	19.34	11.74	71.52	76.38	81.4	94.9	0	177.6	26.49	7.896	-0.006	12.66
7/9/2010 19:00	8455	8.66	93.3	17.55	13.52	5.823	96	24.33	11.74	61.8	76.63	79.11	93.3	0	154.3	26.47	7.883	-0.013	12.35
7/9/2010 20:00	8456	10.34	61.61	22.47	18.89	6.394	63.31	25.43	13.52	63.62	76.21	76.66	91.2	0	78.6	26.48	7.877	-0.006	14.36
7/9/2010 21:00	8457	10.01	50.4	17.42	15.31	6.333	53	20.47	13.52	71.75	73.44	82.6	96.9	0	15.19	26.49	7.865	-0.012	12.32
7/9/2010 22:00	8458	12.34	67.98	9.32	20.68	7.903	69.96	17.34	15.31	57.13	72.36	84.5	98.6	0	0.374	26.49	7.856	-0.009	12.29
7/9/2010 23:00	8459	10.12	64.29	8.25	15.31	6.686	66.54	15.58	11.74	54.93	71.4	84.8	99.3	0	0.004	26.49	7.85	-0.006	12.78
7/10/2010 0:00	8460	9.26	63.18	8.82	13.52	6.077	65.53	16.2	11.74	54.9	71.48	87.4	99.4	0	0.005	26.49	7.844	-0.006	13.14
7/10/2010 1:00	8461	8.04	79.61	11.3	15.31	5.142	83	18.62	11.74	55.43	71.67	89.8	99.4	0	0.005	26.49	7.837	-0.007	12.23
7/10/2010 2:00	8462	6.391	79.73	10.57	9.95	4.091	81.8	18	8.16	55.9	71.66	90	99.4	0	0.005	26.49	7.834	-0.003	12.49
7/10/2010 3:00	8463	6.38	101.6	10.29	9.95	4.214	104.3	17.94	8.16	55.44	70.93	90.2	99.4	0	0.004	26.48	7.831	-0.002	12.59
7/10/2010 4:00	8464	5.041	121.2	10.13	9.95	2.668	123.7	17.16	6.368	54.69	70.27	91.2	99.4	0	0.005	26.47	7.829	-0.003	12.77
7/10/2010 5:00	8465	3.74	107.1	11.16	6.368	1.035	113.3	10.64	4.578	56.21	69.87	92.8	99.4	0	0.011	26.46	7.825	-0.003	12.51
7/10/2010 6:00	8466	4.07	118.3	12.01	6.368	1.909	121.8	15.65	4.578	68.21	69.92	92.9	99.4	0	0.005	26.46	7.825	0	12.69
7/10/2010 7:00	8467	3.827	100.9	19.4	6.368	2.028	99.4	21.16	4.578	68.43	70.13	92.4	99.4	0	0.334	26.47	7.825	0	12.25
7/10/2010 8:00	8468	4.104	95.9	20.67	8.16	2.472	96.6	22.78	4.578	68.92	70.6	91.3	99.4	0	29.63	26.48	7.825	0	13
7/10/2010 9:00	8469	5.502	121.3	17.11	9.95	3.412	127.2	24.64	8.16	55.89	71.96	88.6	99.4	0	109.9	26.49	7.824	-0.001	12.21
7/10/2010 10:00	8470	6.82	141.7	16.51	9.95	4.421	149.6	22	8.16	56.53	72.43	87.7	99.4	0	102.4	26.5	7.824	0	12.92
7/10/2010 11:00	8471	8.11	156.6	11.38	15.31	5.293	165.1	18.22	9.95	59.82	75.3	81.8	95.8	0	318.7	26.52	7.823	-0.001	12.66
7/10/2010 12:00	8472	9.35	172.7	15.18	15.31	6.35	180.8	20.99	11.74	63.29	78.3	75.69	88.1	0	468.1	26.53	7.823	0	12.76
7/10/2010 13:00	8473	8.29	175.8	18.62	15.31	5.879	186.7	23.17	11.74	65.65	80.5	69.7	82	0	588.5	26.54	7.822	-0.001	12.24
7/10/2010 14:00	8474	7.178	159	23.13	17.1	4.712	165.4	28.05	11.74	66.38	77.98	76.08	91.1	0.01	324.5	26.53	7.822	0.001	12.24
7/10/2010 15:00	8475	7.434	148.9	22.99	15.31	4.795	155.8	26.82	9.95	64.59	78.89	73.71	89.4	0	282.7	26.5	7.823	0	12.42
7/10/2010 16:00	8476	6.356	243.8	71.51	11.74	5.023	253.8	71.13	9.95	66.98	81.2	69.39	83.6	0	417.5	26.48	7.822	0	12.48
7/10/2010 17:00	8477	10.56	175.6	13.08	17.1	6.836	183.5	19.13	13.52	72.61	83	61.94	75.64	0	388.7	26.48	7.822	-0.001	12.36
7/10/2010 18:00	8478	10.71	165.7	13.02	17.1	6.77	172.9	20.25	11.74	77.12	83.9	59.07	72.44	0	438	26.46	7.818	-0.003	12.39
7/10/2010 19:00	8479	10.53	167	12.42	15.31	6.608	174.8	19.08	11.74	70.26	83.6	59.01	72.49	0	328	26.45	7.809	-0.01	12.31
7/10/2010 20:00	8480	8.53	164.8	11.17	15.31	5.053	172.1	17.9	11.74	70	82.5	59.55	74	0	177.9	26.43	7.796	-0.013	12.21
7/10/2010 21:00	8481	7.291	161.9	13	11.74	4.146	169.6	18.17	9.95	74.57	79.48	64.48	80.3	0	28.32	26.42	7.788	-0.008	13.04
7/10/2010 22:00	8482	6.365	141.7	9	9.95	3.36	145.4	16.56	6.368	76.08	76.47	71.27	88.2	0	0.277	26.41	7.773	-0.015	12.3
7/10/2010 23:00	8483	7.546	140.8	9.57	11.74	4.197	145.9	17.88	8.16	74.54	75.19	75.23	91.6	0	0.011	26.41	7.764	-0.009	12.45
7/11/2010 0:00	8484	9.95	159.8	10.98	17.1	5.705	166.5	17.28	13.52	73.94	74.73	77.19	93.2	0	0.007	26.4	7.757	-0.006	12.2
7/11/2010 1:00	8485	10.04	171.2	9.76	17.1	5.973	179.4	16.89	9.95	73.23	74.15	80	95.7	0	0.01	26.41	7.754	-0.003	12.33
7/11/2010 2:00	8486	10.46	183.2	8.91	17.1	6.641	191	15.18	13.52	72.83	73.88	81.7	97.2	0	0.008	26.39	7.751	-0.003	12.54
7/11/2010 3:00	8487	12.49	184.3	8.92	20.68	7.95	192.5	15.12	15.31	72.35	73.58	82.2	97.3	0	0.007	26.38	7.748	-0.003	12.51
7/11/2010 4:00	8488	10.69	187.6	9.2	17.1	6.843	196.1	14.68	13.52	71.57	72.86	83.9	98.8	0	0.011	26.37	7.745	-0.003	12.2
7/11/2010 5:00	8489	8.83	183.6	9.34	15.31	5.595	191.7	15.09	11.74	70.85	72.12	85.4	99.4	0	0.006	26.36	7.742	-0.003	12.19
7/11/2010 6:00	8490	6.707	176.4	10.2	11.74	4.17	184.8	15.56	9.95	70.35	71.65	86.6	99.4	0	0.005	26.35	7.739	-0.003	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/11/2010 7:00	8491	6.415	170.3	9.93	9.95	3.902	178.5	16.46	8.16	70.02	71.33	86.4	99.4	0	0.329	26.35	7.732	-0.006	12.4
7/11/2010 8:00	8492	7.338	168.2	9.08	11.74	4.462	176.8	15.48	8.16	69.27	71.31	86	99.4	0	30.26	26.35	7.733	0	12.51
7/11/2010 9:00	8493	8.58	167.8	10.3	13.52	5.307	175.3	17.95	9.95	63.77	73.42	83.1	97.1	0	160.2	26.37	7.729	-0.004	13.01
7/11/2010 10:00	8494	8.58	172.5	14.5	13.52	5.972	180.6	20.32	11.74	64.77	79.21	74.22	86	0	496.5	26.39	7.731	0.002	12.65
7/11/2010 11:00	8495	11.05	190.4	13.3	15.31	7.754	197.9	17.91	13.52	68.1	81.6	69.66	81.4	0	624.9	26.4	7.73	-0.001	12.24
7/11/2010 12:00	8496	10.88	199.6	15.51	18.89	7.729	205.6	18.9	13.52	70.63	85.3	63.34	75.08	0	824	26.41	7.726	-0.003	12.43
7/11/2010 13:00	8497	12.55	212.1	13.54	20.68	9.01	217.8	15.94	15.31	74.75	87.3	57.91	69.73	0	778.8	26.42	7.72	-0.006	12.67
7/11/2010 14:00	8498	11.97	211.1	15.03	20.68	8.63	217.6	17.45	15.31	83.8	89.3	54	65.35	0	938	26.41	7.714	-0.006	12.88
7/11/2010 15:00	8499	10.78	207.7	18.82	17.1	7.798	214.2	21.51	15.31	77.24	91.4	50.66	61.56	0	939	26.4	7.698	-0.016	12.6
7/11/2010 16:00	8500	11.27	195.2	20.59	18.89	7.93	203.1	23.47	15.31	77.98	91.8	48.3	59.69	0	799.3	26.37	7.688	-0.01	12.42
7/11/2010 17:00	8501	10.55	195.7	17.42	17.1	7.448	203.6	20.23	15.31	79.44	93.3	44.9	55.84	0	784.7	26.36	7.669	-0.019	12.49
7/11/2010 18:00	8502	10.79	187.7	17.01	17.1	7.283	195.7	20.77	13.52	78.72	92.2	45.37	57.08	0	508.3	26.34	7.653	-0.016	12.71
7/11/2010 19:00	8503	10.45	187.7	14.12	17.1	6.939	195.1	19.14	13.52	77.78	90.9	46.31	58.67	0	313.6	26.33	7.625	-0.029	12.47
7/11/2010 20:00	8504	8.17	178.4	13.93	15.31	4.857	184.7	18.82	9.95	75.78	88.2	49.3	63.37	0	108.1	26.3	7.596	-0.029	12.38
7/11/2010 21:00	8505	6.254	140	12.65	11.74	2.696	133.8	18.1	8.16	76.95	83.4	57.35	76.5	0	22.73	26.29	7.572	-0.024	12.58
7/11/2010 22:00	8506	8.01	132.4	9.92	11.74	4.182	135.3	18.1	8.16	80.9	80.9	63.03	79.59	0	0.209	26.29	7.553	-0.019	14.19
7/11/2010 23:00	8507	7.251	149.6	12.17	11.74	3.784	153.9	19.63	8.16	78.58	78.75	67.7	84.5	0	0.018	26.3	7.545	-0.009	12.57
7/12/2010 0:00	8508	5.949	154.5	17.97	11.74	3.281	158.7	19.47	8.16	77.3	77.91	71.66	87.7	0	0.015	26.3	7.532	-0.012	12.43
7/12/2010 1:00	8509	7.035	274.1	31.42	22.47	5.268	282.6	33.24	17.1	76.73	77.87	73.56	88.7	0	0.011	26.33	7.523	-0.01	12.45
7/12/2010 2:00	8510	6.571	169.4	96.8	13.52	4.524	216.7	93.1	11.74	72.37	73.84	77.73	92.9	0	0.013	26.31	7.513	-0.009	12.2
7/12/2010 3:00	8511	6.402	298.7	28.87	13.52	4.639	307	27.7	11.74	72.05	73.28	82.4	98.5	0.01	0.003	26.3	7.507	-0.006	12.28
7/12/2010 4:00	8512	8.78	321.7	17.8	15.31	6.703	326.3	18.21	13.52	70.69	72.11	84.9	99.4	0.03	0.005	26.29	7.508	0.001	12.23
7/12/2010 5:00	8513	5.784	343.3	27.57	13.52	4.28	346.8	29.32	9.95	70	71.55	86.5	99.4	0.03	0.006	26.28	7.508	0	12.48
7/12/2010 6:00	8514	8.29	17	16.36	15.31	5.655	20.75	18.42	11.74	69.53	71.11	87.7	99.4	0.01	0.01	26.26	7.508	0	12.32
7/12/2010 7:00	8515	7.033	37.91	24.38	11.74	4.525	42.97	25.57	11.74	69.4	71	88.2	99.4	0	0.168	26.26	7.508	0	12.3
7/12/2010 8:00	8516	6.511	76.23	11.34	11.74	4.155	79.89	18.86	8.16	68.92	70.62	89.5	99.4	0	22.56	26.27	7.508	0	13.08
7/12/2010 9:00	8517	7.315	83.6	10.16	11.74	4.776	87.1	17.95	9.95	69.4	71.04	85	99.4	0	77.27	26.28	7.508	0	12.37
7/12/2010 10:00	8518	6.203	112.7	14.63	9.95	4.046	116.8	22.64	9.95	70.12	72.16	85	99.4	0	127.5	26.29	7.508	-0.001	12.32
7/12/2010 11:00	8519	4.029	78.14	23.82	8.16	2.765	82.6	28.05	6.368	73.42	76.09	77.35	92.7	0.01	408.5	26.3	7.507	-0.001	12.29
7/12/2010 12:00	8520	3.718	120.7	46.49	8.16	2.539	131.4	45.8	8.16	76.95	82	68.14	81.3	0	572.1	26.33	7.505	-0.002	12.73
7/12/2010 13:00	8521	4.268	215.1	28.27	9.95	3.267	225.6	25.11	8.16	77.9	83.6	66.61	79.61	0	528.1	26.35	7.508	0.003	12.82
7/12/2010 14:00	8522	6.038	237.3	25.17	13.52	4.884	240.9	28.25	11.74	75.56	85.5	62.79	75.1	0	805	26.36	7.508	0	12.34
7/12/2010 15:00	8523	5.956	204.1	29.42	13.52	4.584	212.1	30.5	11.74	75.31	86.7	60.28	72.58	0	591.9	26.34	7.508	0	12.45
7/12/2010 16:00	8524	6.489	204.3	27.81	13.52	4.97	211.4	31.35	9.95	76.64	88.4	58.27	70.06	0	715.8	26.34	7.508	0	12.19
7/12/2010 17:00	8525	8.01	197.5	17.65	18.89	5.739	205.1	20.72	15.31	76.5	88.3	56.25	68.79	0	496.1	26.32	7.508	0	12.35
7/12/2010 18:00	8526	8.26	192.5	19.8	15.31	5.972	199.7	22.66	11.74	78.39	89.5	51.9	64.07	0	602.7	26.3	7.508	0	12.33
7/12/2010 19:00	8527	6.541	198.1	22.33	13.52	4.633	205.4	25.8	11.74	79.5	90	49.48	61.58	0	424	26.29	7.508	0	12.47
7/12/2010 20:00	8528	3.861	205.5	29.25	9.95	2.731	212.3	30.1	8.16	79.82	88.9	48.44	62.08	0	239.2	26.28	7.508	0	12.58
7/12/2010 21:00	8529	4.861	161.4	11.03	8.16	1.137	177.4	7.418	6.368	78.53	86.3	54.42	71.76	0	75.32	26.28	7.508	0	13.29
7/12/2010 22:00	8530	5.984	144.4	6.304	8.16	0.999	137.5	7.569	4.578	80.5	79.07	63.75	86.7	0	0.474	26.27	7.506	-0.002	12.57
7/12/2010 23:00	8531	5.908	145.3	9.09	9.95	1.02	149	10.32	4.578	77.51	76.37	70.66	92.5	0	0.013	26.27	7.504	-0.002	12.46
7/13/2010 0:00	8532	6.215	151.4	9.65	9.95	1.958	154.9	14.9	6.368	75.73	75.06	74.53	95.5	0	0.006	26.28	7.494	-0.009	12.74
7/13/2010 1:00	8533	5.438	178.8	15.83	17.1	1.729	175	11.83	9.95	74.14	74.66	80.5	98.1	0	0.008	26.28	7.494	0	12.38
7/13/2010 2:00	8534	0.62	165.4	26.71	4.578	0	0	0	0	73.21	73.6	83.5	99.4	0	0.006	26.27	7.492	-0.003	12.34
7/13/2010 3:00	8535	4.193	125.3	27.31	9.95	0.868	115.1	15.99	6.368	73.01	72.76	83.5	99.4	0	0.004	26.27	7.489	-0.003	12.39

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/13/2010 4:00	8536	4.098	143.6	16.59	8.16	0.297	149.5	4.739	4.578	71.08	71.68	85.8	99.4	0	0.002	26.25	7.486	-0.003	12.22
7/13/2010 5:00	8537	3.953	164.6	17.03	6.368	0	0	0	0	70.16	70.67	86.9	99.4	0	0.001	26.24	7.483	-0.003	13.65
7/13/2010 6:00	8538	2.871	195.1	12.15	6.368	0	0	0	0	69.9	70.71	89.1	99.4	0	0.001	26.24	7.48	-0.003	12.43
7/13/2010 7:00	8539	1.449	140.7	10.19	4.578	0	0	0	0	69.78	71.09	92.2	99.4	0	2.445	26.24	7.48	0	12.68
7/13/2010 8:00	8540	0.172	117.8	8.91	2.789	0	0	0	0	70.41	72.32	93.7	99.4	0	48.69	26.25	7.477	-0.003	12.24
7/13/2010 9:00	8541	3.829	187.3	14.04	9.95	2.327	197.2	12.97	8.16	72.67	75.01	92.4	99.4	0	137.4	26.28	7.475	-0.001	12.45
7/13/2010 10:00	8542	5.766	191.2	23.51	9.95	4.115	199.2	27.39	8.16	75.19	77.87	86.9	98.5	0	289.4	26.3	7.474	-0.001	12.43
7/13/2010 11:00	8543	3.299	230.6	38.4	8.16	2.467	241.4	36.83	8.16	81.7	84.7	73.6	86.2	0	652.7	26.33	7.473	-0.001	12.42
7/13/2010 12:00	8544	5.321	126.4	33.98	13.52	3.682	126.3	39.81	9.95	85.5	88.9	64.61	77.22	0	801	26.36	7.476	0.003	12.25
7/13/2010 13:00	8545	7.503	91.2	27.15	13.52	5.318	92.6	32.91	11.74	87.9	91.3	57.37	70.49	0	887	26.37	7.476	0	12.54
7/13/2010 14:00	8546	6.317	81.8	26.92	15.31	4.552	80.4	34.97	11.74	84.4	93.9	47.31	60.19	0	967	26.38	7.476	0	12.28
7/13/2010 15:00	8547	5.92	96.1	31.85	15.31	4.24	99.8	39.99	11.74	86.5	95.8	41.05	53.64	0	975	26.37	7.476	0	12.75
7/13/2010 16:00	8548	6.763	88	26.11	13.52	4.854	92.1	32.97	11.74	87	96.3	37.41	49.56	0	926	26.36	7.473	-0.003	12.28
7/13/2010 17:00	8549	5.667	94	41.25	13.52	4.117	96.4	47.88	9.95	88.4	97.2	35.36	47.4	0	821	26.35	7.466	-0.006	12.19
7/13/2010 18:00	8550	8.68	97.1	18.98	15.31	6.026	99.6	28.89	13.52	86.8	95.7	43.44	55.36	0	623.7	26.35	7.454	-0.013	12.32
7/13/2010 19:00	8551	10.32	127.9	22.42	24.26	6.507	134.6	28.72	15.31	86	93.8	49.06	61.44	0	411.7	26.34	7.444	-0.01	12.32
7/13/2010 20:00	8552	10.19	130.6	10.35	15.31	6.157	137.3	19.61	11.74	86.5	92.2	50.5	63.81	0	257.7	26.34	7.428	-0.016	12.53
7/13/2010 21:00	8553	9.67	131.2	8.45	15.31	5.609	136.7	17.6	11.74	87.5	88.6	56.9	71.05	0	66.66	26.34	7.416	-0.013	12.62
7/13/2010 22:00	8554	7.251	131.3	6.479	11.74	3.599	133.1	16.3	6.368	82.6	82.9	65.7	82.6	0	0.76	26.34	7.404	-0.011	12.35
7/13/2010 23:00	8555	7.629	142.4	9.06	13.52	4.005	146.2	16.73	8.16	79.72	80.2	72.89	89.8	0	0.014	26.33	7.392	-0.012	12.46
7/14/2010 0:00	8556	10.37	158.6	9.14	18.89	5.911	165.5	16.7	11.74	78.77	79.92	80.4	96.2	0	0.017	26.34	7.387	-0.006	12.43
7/14/2010 1:00	8557	8.62	159.8	9.46	17.1	4.975	167.5	16.64	9.95	76.58	77.89	85	99.4	0	0.013	26.34	7.38	-0.006	12.74
7/14/2010 2:00	8558	9.02	161.3	9.31	15.31	5.214	169.4	16.73	9.95	74.81	76.32	88.9	99.4	0	0.008	26.34	7.374	-0.006	12.19
7/14/2010 3:00	8559	10.12	162.9	9.33	18.89	6.063	170.1	17.3	13.52	74.7	76.39	88.5	99.4	0	0.012	26.34	7.368	-0.006	12.46
7/14/2010 4:00	8560	7.887	152.4	11.38	13.52	4.58	159.1	18.37	9.95	73.73	75.3	90.3	99.4	0	0.005	26.34	7.364	-0.003	12.26
7/14/2010 5:00	8561	5.223	147.6	13.83	9.95	2.58	149.6	18.66	6.368	73.21	74.65	91.2	99.4	0	0.006	26.34	7.361	-0.003	12.8
7/14/2010 6:00	8562	6.555	157.8	11.48	11.74	3.891	165.5	18.72	8.16	73.89	75.72	90.8	99.4	0	0.007	26.34	7.355	-0.007	12.21
7/14/2010 7:00	8563	7.714	175.2	10.04	15.31	4.771	184.3	16.14	11.74	74.26	76.27	90.2	99.4	0	0.411	26.35	7.352	-0.003	12.22
7/14/2010 8:00	8564	8.33	167.3	10.02	13.52	5.072	175.3	17.63	9.95	74.61	76.7	88.7	99.4	0	16.37	26.37	7.352	0	12.33
7/14/2010 9:00	8565	9.24	169.3	10.23	15.31	5.693	176.4	17.29	11.74	74.75	77.07	87.3	99.4	0	52.98	26.38	7.349	-0.003	12.51
7/14/2010 10:00	8566	10.19	173.5	11.77	15.31	6.459	182.3	17.85	11.74	75.59	78.12	84.4	98.3	0	122.3	26.4	7.348	0	12.33
7/14/2010 11:00	8567	10.55	182.9	15.2	15.31	7.027	189.8	19.8	11.74	78.08	81.1	78.79	91.8	0	375.5	26.41	7.347	-0.001	14.14
7/14/2010 12:00	8568	10.65	172.4	17.43	17.1	7.213	179.6	22.6	13.52	83.2	86.8	69.64	81.4	0	780.2	26.44	7.346	-0.001	13.84
7/14/2010 13:00	8569	9.89	180.4	17.5	18.89	6.885	188.2	21.85	15.31	86.8	90.3	62.2	73.71	0	902	26.46	7.346	0	12.94
7/14/2010 14:00	8570	9.86	192.3	20.29	17.1	6.943	198.3	23.83	13.52	89.7	93	56.45	67.68	0	958	26.46	7.346	0	13.62
7/14/2010 15:00	8571	9.95	188.8	17.67	18.89	7.026	196.9	21.47	13.52	92.2	95.3	51.18	62.27	0	961	26.46	7.346	0	12.89
7/14/2010 16:00	8572	10.76	180.4	17.52	18.89	7.322	188.6	21.89	15.31	92	96.8	48.13	59.14	0	908	26.45	7.34	-0.006	14.01
7/14/2010 17:00	8573	11.47	167.9	17.2	20.68	7.425	174.4	23.12	15.31	89.2	97.6	44.69	55.93	0	797.7	26.44	7.333	-0.006	13.17
7/14/2010 18:00	8574	11.75	174.1	13.89	20.68	7.656	181.8	19.89	15.31	89.2	97.7	42.22	53.57	0	642.5	26.43	7.321	-0.013	13.19
7/14/2010 19:00	8575	12.25	161.2	13.89	18.89	7.429	168.2	19.86	15.31	90.7	97.1	43.01	54.72	0	454.8	26.42	7.302	-0.019	13.16
7/14/2010 20:00	8576	13.48	155.4	11.03	22.47	7.981	162.9	17.84	15.31	93.2	94.6	47.33	59.84	0	253.3	26.42	7.289	-0.013	14.14
7/14/2010 21:00	8577	12.34	150.7	9.02	20.68	7.054	158.2	16.7	15.31	89.2	90.5	55.72	69.12	0	57.92	26.42	7.27	-0.019	14.32
7/14/2010 22:00	8578	11.79	157.3	8.82	18.89	6.752	165.1	16.67	13.52	84.7	85.8	64.21	78.75	0	0.347	26.41	7.255	-0.015	13.24
7/14/2010 23:00	8579	12.1	157.7	8.94	18.89	6.903	164.6	16.89	15.31	81.7	82.9	69.63	84.5	0	0.04	26.42	7.246	-0.009	12.93
7/15/2010 0:00	8580	10.12	159.8	8.64	17.1	5.816	167.4	16.07	11.74	78.63	79.95	73.75	89	0	0.033	26.42	7.234	-0.012	12.79

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/15/2010 1:00	8581	8.91	166.4	9.99	18.89	5.246	174.6	16.53	9.95	76.04	77.37	78.24	93.8	0	0.013	26.4	7.219	-0.016	12.35
7/15/2010 2:00	8582	8.06	178.9	10.12	13.52	4.819	187.9	16.2	9.95	74.42	75.79	82.8	98.6	0	0.009	26.4	7.212	-0.006	12.21
7/15/2010 3:00	8583	6.802	174.9	11.32	13.52	3.934	182.8	17.35	9.95	73.45	74.85	84.9	99.4	0	0.005	26.41	7.209	-0.003	12.77
7/15/2010 4:00	8584	13	37.02	79.18	33.21	8.46	30.49	72.18	26.05	73.58	75.34	80.8	94.4	0	0.005	26.44	7.203	-0.006	12.27
7/15/2010 5:00	8585	13.34	43.56	19.16	27.84	7.598	46.71	22.34	18.89	72.64	74.67	70.66	84.8	0	0.009	26.46	7.2	-0.003	12.36
7/15/2010 6:00	8586	8.31	100.4	13.09	13.52	5.088	103.9	20.93	9.95	70.69	72.3	76.01	91.4	0	0.002	26.42	7.197	-0.002	12.27
7/15/2010 7:00	8587	5.592	78.18	22.81	11.74	3.133	77.61	27.29	8.16	70.05	71.39	79.02	95.1	0	0.468	26.42	7.188	-0.009	12.25
7/15/2010 8:00	8588	5.71	84	13.95	8.16	3.473	84	20.03	6.368	69.8	71.56	83.4	98.8	0	41.37	26.43	7.182	-0.006	12.19
7/15/2010 9:00	8589	9.69	137.1	18.65	18.89	5.991	142.8	26.02	13.52	74.6	77.54	77.37	90.6	0	240.3	26.45	7.177	-0.004	13.17
7/15/2010 10:00	8590	7.781	128.2	14.79	15.31	5.073	133.1	23.48	11.74	77.68	80.8	71.28	84.5	0	286.8	26.51	7.176	-0.001	13.15
7/15/2010 11:00	8591	6.772	161.1	17.75	13.52	4.376	168.7	22.74	9.95	79.49	82.2	66.5	79.98	0	302.6	26.53	7.176	0	13.04
7/15/2010 12:00	8592	8.34	167.7	17.22	17.1	5.64	175.2	22.18	11.74	81.8	85.2	62.69	74.83	0	570.2	26.54	7.042	-0.134	12.87
7/15/2010 13:00	8593	7.147	162.7	20.67	13.52	4.905	169.5	25.71	9.95	84.1	87	57.97	70.59	0	616.8	26.55	6.902	-0.14	13.27
7/15/2010 14:00	8594	6.484	94.4	24.81	11.74	4.698	96.1	32.31	9.95	87.1	90.3	52.09	65.05	0	674.6	26.55	6.871	-0.032	12.94
7/15/2010 15:00	8595	9.03	99.7	14.34	15.31	6.059	102.4	23.27	11.74	87.5	90.2	51.4	64.72	0	502	26.54	6.855	-0.016	12.28
7/15/2010 16:00	8596	13.25	116.6	10.17	20.68	7.859	121.5	19.8	17.1	86.8	88.2	49.94	64.58	0	215.8	26.5	6.839	-0.016	12.17
7/15/2010 17:00	8597	11.33	120.9	11.47	20.68	6.907	124.5	21.05	15.31	89.8	91.8	43.21	56.46	0	561.9	26.48	6.82	-0.019	12.16
7/15/2010 18:00	8598	11.57	113.6	13.53	18.89	7.241	118.2	22.38	15.31	91.9	94.3	38.2	50.37	0	623.4	26.49	6.801	-0.019	12.99
7/15/2010 19:00	8599	11.96	115.7	11.9	18.89	7.375	119.6	21.79	11.74	86.4	93.1	38.55	50.59	0	440.9	26.5	6.791	-0.01	13.85
7/15/2010 20:00	8600	7.543	129.7	11.79	17.1	4.315	133.5	19.29	11.74	85.1	89.3	43.67	57.36	0	112.4	26.5	6.769	-0.022	12.61
7/15/2010 21:00	8601	6.989	128.6	11.9	9.95	3.481	129.1	19.51	8.16	84	84.2	54.28	70.45	0	24.49	26.48	6.757	-0.012	12.98
7/15/2010 22:00	8602	6.708	105.7	11.63	9.95	3.3	101.3	18.43	6.368	78.62	78.47	63.61	81.7	0	0.191	26.47	6.739	-0.018	12.2
7/15/2010 23:00	8603	7.742	116.2	7.714	9.95	3.79	113.2	16.76	6.368	77.14	76.84	65.32	83.7	0	0.008	26.46	6.734	-0.006	12.44
7/16/2010 0:00	8604	6.535	116.8	10.1	11.74	3.083	110	18.72	6.368	74.48	74.77	71.3	88.9	0	0.009	26.47	6.727	-0.006	12.34
7/16/2010 1:00	8605	6.312	104.9	5.458	9.95	3.006	88.9	11.87	4.578	72.91	72.61	75.4	95	0	0.002	26.48	6.725	-0.002	12.71
7/16/2010 2:00	8606	7.543	135.2	12.21	13.52	4.103	138.3	20.46	9.95	73.71	74.61	75.42	92.3	0	0.004	26.47	6.718	-0.007	12.15
7/16/2010 3:00	8607	6.01	143.7	10.64	9.95	2.953	146.6	18.26	6.368	72.77	73.76	79.3	96.1	0	0.006	26.46	6.715	-0.003	12.4
7/16/2010 4:00	8608	4.746	146.2	9.87	6.368	1.243	137	12.76	2.789	71.93	72.27	80.9	99.1	0	0.003	26.46	6.7	-0.016	12.4
7/16/2010 5:00	8609	5.038	115.9	22.38	8.16	2.427	97.8	21.53	6.368	71.18	72	83	99.4	0	0	26.45	6.697	-0.003	14.17
7/16/2010 6:00	8610	3.401	131.5	13.84	8.16	1.157	120.9	14.37	4.578	71.56	72.61	83.7	99.4	0	0.003	26.45	6.697	0	12.25
7/16/2010 7:00	8611	3.315	105.6	24.12	8.16	1.407	101.3	21.63	4.578	71.2	72.36	84.4	99.4	0	0.2	26.45	6.697	0	12.37
7/16/2010 8:00	8612	4.645	59.57	35.56	11.74	2.558	51.4	27.85	9.95	72.03	73.38	82.4	99.3	0.02	16.03	26.47	6.696	0	12.29
7/16/2010 9:00	8613	4.422	88.2	89.1	11.74	2.863	97.3	84.6	9.95	72.26	74.3	85.5	99.4	0	63.69	26.5	6.696	0	12.17
7/16/2010 10:00	8614	5.52	154.1	62.47	13.52	3.654	163.6	60.15	11.74	74.72	76.9	77.89	94.7	0	192.5	26.52	6.695	-0.001	14.05
7/16/2010 11:00	8615	9.04	132.9	14.73	15.31	5.73	138.9	23.2	11.74	78	81.1	67.27	82.2	0	474.7	26.53	6.694	-0.001	14.37
7/16/2010 12:00	8616	7.474	156.7	23.96	13.52	5.147	162.6	31.97	9.95	81.9	85.3	56.67	69.25	0	766.4	26.55	6.696	0.002	12.72
7/16/2010 13:00	8617	7.539	156.1	21.96	17.1	5.266	164.4	31.34	11.74	85.4	88.9	49.33	60.93	0	921	26.57	6.696	0	12.83
7/16/2010 14:00	8618	7.778	149.5	30.03	17.1	5.419	155.6	36.41	13.52	88.4	91.7	41.8	52.91	0	1012	26.57	6.696	0	14.23
7/16/2010 15:00	8619	8.7	169.5	23.28	17.1	6.051	179.3	29.09	13.52	87.6	93.6	30.76	41	0	1000	26.57	6.677	-0.019	12.55
7/16/2010 16:00	8620	9.46	160.5	24.1	18.89	6.251	169.2	30.33	13.52	85.3	93.6	32.72	43.15	0	909	26.55	6.643	-0.035	12.97
7/16/2010 17:00	8621	9.05	137.1	19.46	18.89	5.923	144.4	26.89	13.52	84.5	92.3	35.3	46.65	0	624.6	26.53	6.62	-0.022	12.28
7/16/2010 18:00	8622	8.49	144.9	27.45	17.1	5.634	152.1	33.07	11.74	85.4	93.6	32.69	43.56	0	673.7	26.52	6.598	-0.022	12.92
7/16/2010 19:00	8623	9.17	143.1	21.22	17.1	5.829	150.6	27.97	13.52	84.9	92.9	32.11	43.09	0	459.8	26.5	6.576	-0.022	13.45
7/16/2010 20:00	8624	10.13	145.8	13.35	17.1	6.039	154	19.71	13.52	87.7	90.4	34.26	46.02	0	263.8	26.5	6.554	-0.022	12.9
7/16/2010 21:00	8625	6.554	149.2	14.22	13.52	3.059	146.7	27.19	8.16	85.8	85.8	39.33	54.32	0	75.6	26.5	6.535	-0.019	12.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/16/2010 22:00	8626	6.707	124.4	8.72	8.16	2.825	102.4	13.21	4.578	81.3	79.07	48.34	69.58	0	0.266	26.48	6.527	-0.008	12.95
7/16/2010 23:00	8627	7.046	116	7.63	9.95	3.199	108.9	15.63	4.578	77.04	76.05	55.71	74.49	0	0.013	26.48	6.518	-0.009	12.24
7/17/2010 0:00	8628	7.158	125.1	9.27	9.95	3.216	121.4	17.94	6.368	74.98	74.53	63.89	82	0	0.007	26.47	6.502	-0.016	12.28
7/17/2010 1:00	8629	6.342	148.5	7.774	11.74	2.608	146.9	14.48	8.16	73.21	72.93	69.11	87.5	0	0.002	26.47	6.493	-0.009	12.27
7/17/2010 2:00	8630	5.93	144.4	7.188	8.16	2.191	135.3	15.3	4.578	71.83	71.39	72.38	91.6	0	0.003	26.46	6.487	-0.006	12.28
7/17/2010 3:00	8631	5.292	153.8	8.63	8.16	1.266	132.4	13.09	2.789	71.11	70.02	73.05	94	0	0.001	26.45	6.478	-0.01	12.21
7/17/2010 4:00	8632	5.43	160.8	11.02	8.16	1.215	144.5	13.11	4.578	69.59	68.47	75.73	96.8	0	0.001	26.45	6.475	-0.003	12.17
7/17/2010 5:00	8633	3.244	167.8	19.02	6.368	0.411	126.7	16.45	2.789	68.25	67.77	78.49	98.2	0	0	26.44	6.471	-0.003	12.26
7/17/2010 6:00	8634	3.506	157.7	9.05	6.368	0.224	92.3	2.742	2.789	67.9	67.27	79.2	99.1	0	0	26.43	6.472	0	12.16
7/17/2010 7:00	8635	3.77	144.1	10.09	6.368	0.911	93.6	4.553	4.578	68.14	67.18	78.76	99	0	0.828	26.44	6.469	-0.003	12.31
7/17/2010 8:00	8636	5.528	162.4	8.24	9.95	1.908	163.3	15.75	6.368	68.16	68.1	80.9	98.9	0	67.99	26.45	6.465	-0.003	12.39
7/17/2010 9:00	8637	6.711	175.8	13.11	11.74	4.556	184.6	18.61	8.16	71.69	74.44	77.55	90.7	0	261	26.49	6.461	-0.004	12.5
7/17/2010 10:00	8638	11.97	188.1	11.04	20.68	8.07	196.3	16.48	15.31	76.04	79.3	68.13	80.2	0	469.1	26.53	6.46	-0.001	12.27
7/17/2010 11:00	8639	10.44	182.8	15.19	18.89	7.113	190.5	19.79	13.52	79.23	82.7	60.05	71.43	0	658.1	26.55	6.46	0	12.43
7/17/2010 12:00	8640	9.58	167.5	16.52	17.1	6.506	175	22.06	13.52	82.5	86	49.61	60.52	0	828	26.57	6.449	-0.011	12.75
7/17/2010 13:00	8641	10.03	166.2	20.49	18.89	6.8	174.2	25.83	15.31	85.8	89.2	40.77	51.3	0	943	26.57	6.44	-0.01	12.78
7/17/2010 14:00	8642	11.4	167.3	17.27	20.68	7.571	176.3	23.23	17.1	88.3	91.6	33.23	43.2	0	999	26.57	6.424	-0.016	12.73
7/17/2010 15:00	8643	11.82	164.4	19.63	20.68	7.699	172.9	25.51	15.31	90.2	93.6	28.46	38.11	0	1009	26.56	6.395	-0.029	12.81
7/17/2010 16:00	8644	10.72	158.2	20.24	20.68	7.03	167.2	27.2	15.31	91.3	94.3	27.58	36.98	0	951	26.54	6.357	-0.038	12.82
7/17/2010 17:00	8645	10.66	151.9	27.81	20.68	7.043	159.1	33.17	15.31	91.4	94.3	28.65	38.31	0	831	26.52	6.329	-0.029	12.97
7/17/2010 18:00	8646	9.94	149.5	21.35	18.89	6.303	154.9	28.13	13.52	91.7	94.1	26.76	36.58	0	676.7	26.51	6.303	-0.025	13.04
7/17/2010 19:00	8647	10.81	147	15.44	18.89	6.623	154.1	22.85	13.52	90.8	93.1	26.9	36.92	0	476.6	26.49	6.278	-0.025	13.27
7/17/2010 20:00	8648	10	146.8	14.2	17.1	5.895	154.2	20.3	11.74	84.9	90.3	30.2	41.24	0	253.1	26.48	6.256	-0.022	13.01
7/17/2010 21:00	8649	7.655	131.3	9.81	13.52	3.976	133.6	18.57	8.16	83.9	85.7	38.66	51.42	0	75.2	26.47	6.227	-0.029	12.91
7/17/2010 22:00	8650	7.739	121.3	5.894	9.95	3.534	112.6	15.33	6.368	78.8	77.35	48.6	66	0	0.857	26.46	6.213	-0.014	12.48
7/17/2010 23:00	8651	8.7	118.9	6.636	11.74	4.17	114.7	16.06	6.368	75.51	74.39	49.9	66.94	0	0.005	26.46	6.201	-0.012	12.71
7/18/2010 0:00	8652	8.74	128.6	8.93	13.52	4.274	128.4	18.72	9.95	73.72	72.81	49.65	65.8	0	0.003	26.46	6.189	-0.012	12.88
7/18/2010 1:00	8653	8.52	144.4	7.756	17.1	4.162	145.9	15.29	8.16	72.95	72.39	53.97	69.87	0	0.001	26.45	6.18	-0.009	14.1
7/18/2010 2:00	8654	7.547	143.1	5.917	9.95	3.372	139.5	14.79	6.368	69.63	68.67	61.72	79.58	0	0.001	26.45	6.17	-0.01	14.39
7/18/2010 3:00	8655	6.237	153.8	9.78	8.16	2.168	145.7	14.31	4.578	67.51	66.12	69.46	88.8	0	0	26.43	6.164	-0.006	13.2
7/18/2010 4:00	8656	1.263	252	23.77	4.578	0.67	314.3	1.289	2.789	65.97	65.3	74.5	93	0	0	26.41	6.161	-0.003	13.26
7/18/2010 5:00	8657	0.837	224.1	14.89	2.789	0.237	316.8	0.184	2.789	66.83	65.96	75.47	93.6	0	0	26.4	6.159	-0.003	14.94
7/18/2010 6:00	8658	4.15	139.9	20.6	8.16	1.929	80.8	42.51	4.578	67.24	64.62	76.95	97.4	0	0	26.39	6.136	-0.022	13.49
7/18/2010 7:00	8659	6.017	136.7	7.319	8.16	2.114	111.1	17.31	4.578	64.98	63.4	83.2	99.4	0	0.903	26.39	6.136	0	13.42
7/18/2010 8:00	8660	5.725	142.3	10.35	8.16	2.465	145.6	16.98	6.368	66.63	66.59	81.7	98.1	0	78.27	26.4	6.136	-0.001	13.38
7/18/2010 9:00	8661	8.47	160.5	13.15	15.31	5.241	169.4	19.71	13.52	71.79	74.02	72.07	86	0	270.4	26.43	6.135	-0.001	12.43
7/18/2010 10:00	8662	14.23	171.5	9.69	22.47	8.85	179.1	17.24	17.1	77.23	80	58.13	70.29	0	478.8	26.48	6.133	-0.001	13.34
7/18/2010 11:00	8663	14.16	176.1	11.18	22.47	9.03	183.7	18.04	15.31	81.2	84.1	48.58	59.62	0	662.5	26.49	6.133	0	14.86
7/18/2010 12:00	8664	13.27	173.9	14.55	20.68	8.63	182	21.07	17.1	84.5	87.5	39.56	49.88	0	831	26.51	6.126	-0.007	13.46
7/18/2010 13:00	8665	13.99	170.1	13.22	22.47	8.92	176.6	20.19	17.1	87.2	90.4	32.85	42.56	0	950	26.52	6.116	-0.01	13.12
7/18/2010 14:00	8666	13.67	165.1	14.98	22.47	8.66	172.9	21.39	17.1	89.7	92.9	29.25	38.63	0	1010	26.51	6.101	-0.016	13.14
7/18/2010 15:00	8667	13.84	169.8	13.36	24.26	8.96	178.4	19.85	17.1	91.4	94.5	27.44	36.32	0	1012	26.5	6.072	-0.029	13.22
7/18/2010 16:00	8668	15.3	160.4	15.77	27.84	9.65	168.3	22.65	22.47	92.1	95.2	25.37	34.09	0	959	26.49	6.044	-0.029	13.18
7/18/2010 17:00	8669	16.33	165.9	14.45	27.84	10.04	174	20.03	20.68	92.6	95.4	24.9	33.57	0	843	26.47	6.002	-0.041	14.59
7/18/2010 18:00	8670	16.61	160.9	13.54	26.05	10.06	167.7	19.97	18.89	92.1	94.5	26.94	35.81	0	677.6	26.46	5.967	-0.035	13.25

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/18/2010 19:00	8671	16.14	160.4	13.85	26.05	9.7	168	20.3	17.1	91.2	93.3	28.34	37.41	0	484.7	26.44	5.939	-0.029	13.22
7/18/2010 20:00	8672	15.79	157.6	10.32	24.26	9.2	165.9	18.12	17.1	89.6	90.6	29.73	39.49	0	277.9	26.43	5.907	-0.032	12.33
7/18/2010 21:00	8673	10.07	152.7	11.22	18.89	5.57	158.6	17.92	13.52	85.8	86.2	37.57	48.48	0	73.18	26.43	5.872	-0.035	12.79
7/18/2010 22:00	8674	6.868	129.6	7.544	11.74	3.053	118.1	19.23	6.368	79.11	77.6	47.14	62.76	0	0.348	26.42	5.858	-0.014	12.2
7/18/2010 23:00	8675	7.657	126.1	6.933	9.95	3.433	120.9	15.61	6.368	75.59	73.77	53.66	71.23	0	0.006	26.41	5.849	-0.009	13.38
7/19/2010 0:00	8676	7.466	128.4	7.14	9.95	3.379	124.1	16.14	6.368	73.9	72.52	57.94	75.33	0	0.002	26.41	5.837	-0.012	12.38
7/19/2010 1:00	8677	7.532	134.1	6.885	13.52	3.28	129.9	15.3	6.368	72.48	71.05	62.35	80.5	0	0.001	26.41	5.831	-0.006	12.16
7/19/2010 2:00	8678	5.551	151.1	8.7	8.16	1.56	138.4	13.03	4.578	71.03	69.17	67.12	86.3	0	0.001	26.4	5.825	-0.006	12.37
7/19/2010 3:00	8679	3.801	196.5	20.35	6.368	0.312	217	13.39	2.789	69.83	68.35	72.35	91	0	0	26.39	5.821	-0.003	12.45
7/19/2010 4:00	8680	2.614	183.7	26.19	4.578	0.217	99	5.4	2.789	69.22	68	75.22	93.6	0	0	26.38	5.815	-0.006	12.16
7/19/2010 5:00	8681	3.584	140.5	10.44	6.368	0.978	92.3	9.68	2.789	68.02	66.81	78.97	97.2	0	0	26.37	5.812	-0.003	12.23
7/19/2010 6:00	8682	4.408	139.4	9.52	8.16	0.616	101.2	9.99	2.789	67.16	65.77	81.4	99.4	0	0	26.37	5.809	-0.003	12.55
7/19/2010 7:00	8683	6.014	136.2	11.01	8.16	2.248	121.8	14.49	4.578	67.19	65.49	80.9	99.4	0	0.79	26.37	5.806	-0.003	12.25
7/19/2010 8:00	8684	5.451	121.2	14.16	9.95	2.63	113.3	24.55	6.368	68.07	67.78	81.2	98.2	0	68.07	26.37	5.806	0	12.17
7/19/2010 9:00	8685	8.23	162.1	12.78	15.31	5.161	171	19.1	11.74	73.23	75.06	74.61	87.8	0	255.1	26.41	5.808	0.002	12.39
7/19/2010 10:00	8686	12	176.7	12.26	20.68	7.782	185.4	17.75	17.1	77.18	79.65	66.86	78.57	0	458.6	26.45	5.807	-0.001	12.57
7/19/2010 11:00	8687	13.2	167.6	13.63	20.68	8.3	175.8	20.39	15.31	80.3	83.1	58.75	69.75	0	643.7	26.47	5.807	0	12.82
7/19/2010 12:00	8688	13.04	157	12.97	20.68	8.13	164.8	19.99	15.31	83.5	86.4	52.31	62.66	0	814	26.48	5.803	-0.004	13.24
7/19/2010 13:00	8689	13.45	157.2	15.27	22.47	8.44	165.4	22.13	17.1	86.1	89	46.64	56.48	0	928	26.48	5.8	-0.003	12.99
7/19/2010 14:00	8690	12.33	150.4	16.6	20.68	7.837	157.4	23.01	15.31	88.3	91.2	42.62	52.15	0	985	26.48	5.787	-0.013	13.06
7/19/2010 15:00	8691	11.77	145.2	20.8	22.47	7.668	151.1	28.77	17.1	89.4	92.3	39.67	49.03	0	989	26.47	5.768	-0.019	12.9
7/19/2010 16:00	8692	11.75	164.9	19.13	22.47	7.831	173.5	25.76	17.1	90.5	93	38.9	47.95	0	933	26.46	5.739	-0.029	14.55
7/19/2010 17:00	8693	12.57	139.9	18.8	22.47	8.11	146.3	25.82	17.1	90.6	93	37.85	47.26	0	821	26.44	5.714	-0.025	13.19
7/19/2010 18:00	8694	11.67	135.4	18.3	20.68	7.323	143	26.01	15.31	90.8	92.8	36.68	46.49	0	660.3	26.43	5.685	-0.029	13.02
7/19/2010 19:00	8695	13.43	141	12.72	22.47	8.12	148.1	20.52	15.31	90.1	91.7	38.44	48.36	0	464.2	26.41	5.663	-0.022	13.08
7/19/2010 20:00	8696	14.6	142.3	10.9	27.84	8.53	150.2	18.56	18.89	88.5	89	41.34	52.11	0	254	26.41	5.638	-0.025	13.05
7/19/2010 21:00	8697	11.39	143	8.71	20.68	6.524	149.4	16.53	13.52	85.5	85.5	45.7	57.25	0	62.38	26.41	5.603	-0.035	14.77
7/19/2010 22:00	8698	7.404	137.3	6.249	11.74	3.677	138	15.12	8.16	80.3	79.08	54.44	69.54	0	0.271	26.4	5.585	-0.018	12.87
7/19/2010 23:00	8699	7.046	137.5	4.885	9.95	2.783	130.8	12.97	4.578	76.56	74.28	61.4	80.1	0	0.011	26.39	5.573	-0.012	12.8
7/20/2010 0:00	8700	6.492	141	5.715	9.95	2.714	137.2	13.36	4.578	74.56	72.58	65.95	84.6	0	0.007	26.38	5.557	-0.016	14.23
7/20/2010 1:00	8701	5.903	145.7	6.333	11.74	2.104	131.2	14.02	4.578	73.09	70.9	69.17	88.6	0	0.003	26.37	5.549	-0.009	13.12
7/20/2010 2:00	8702	6.042	152.5	7.65	8.16	2.138	148	14.45	4.578	71.78	69.68	72.01	91.6	0	0.001	26.37	5.546	-0.003	12.95
7/20/2010 3:00	8703	5.834	139.4	9.23	8.16	2.314	120.9	13.36	4.578	70.38	68.22	75	94.9	0	0.001	26.37	5.539	-0.006	13.1
7/20/2010 4:00	8704	6.811	129.9	5.788	9.95	2.862	116.6	14.64	4.578	70.01	67.65	77.14	97.3	0	0.001	26.35	5.536	-0.003	13.24
7/20/2010 5:00	8705	7.014	123.9	6.391	9.95	3.278	116.9	15.21	6.368	69.08	67.51	80.2	99	0	0.001	26.34	5.53	-0.006	13.15
7/20/2010 6:00	8706	7.819	121.3	7.602	11.74	4.029	120.6	16.76	8.16	68.15	67.26	82.7	99.4	0	0	26.34	5.527	-0.003	13.07
7/20/2010 7:00	8707	7.338	118.5	8.73	13.52	3.901	118.5	17.97	8.16	67.34	66.82	85	99.4	0	0.734	26.34	5.523	-0.003	13.28
7/20/2010 8:00	8708	6.348	116.1	11.88	13.52	3.693	115.5	20.99	9.95	68.15	67.97	84.6	98.7	0	66.61	26.36	5.517	-0.006	13.41
7/20/2010 9:00	8709	10.41	131.4	12.6	22.47	6.475	138.4	21.46	15.31	71.7	73.19	80.6	93.1	0	239.3	26.39	5.516	-0.001	13.73
7/20/2010 10:00	8710	14.06	154.8	11.3	20.68	8.56	161.7	18.35	15.31	74.38	76.2	77.79	89.5	0	395.3	26.43	5.518	0.002	13.34
7/20/2010 11:00	8711	13.73	151.2	13.85	20.68	8.48	158.4	20.73	17.1	77.97	80.3	69.81	80.5	0	616.9	26.45	5.518	0	13.37
7/20/2010 12:00	8712	12.41	154.1	15.11	20.68	7.802	160.8	23.34	15.31	80.9	83.5	64.04	74.17	0	790.9	26.47	5.514	-0.004	14.71
7/20/2010 13:00	8713	13.92	147.5	18.31	24.26	8.77	153.6	25.4	18.89	83.1	85.7	58.44	68.49	0	883	26.48	5.511	-0.003	13.14
7/20/2010 14:00	8714	13.13	146.6	17.79	22.47	8.45	153.6	25.11	18.89	85.4	88.1	53.56	63.17	0	980	26.48	5.502	-0.01	14.65
7/20/2010 15:00	8715	12.56	152.4	17.31	24.26	8.09	160.2	24.5	17.1	87.6	90.1	49.07	58.36	0	978	26.48	5.486	-0.016	13.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/20/2010 16:00	8716	13.14	138.8	17.97	22.47	8.21	146.1	25.05	17.1	89.2	91.6	45.57	54.92	0	938	26.47	5.467	-0.019	13.95
7/20/2010 17:00	8717	13.57	147.7	17.62	22.47	8.53	155	24.7	17.1	89.9	92.1	43.37	52.61	0	833	26.46	5.435	-0.032	13.04
7/20/2010 18:00	8718	13.74	144.1	18.65	22.47	8.45	151.4	24.84	17.1	89.7	91.4	42.54	52.24	0	650	26.44	5.413	-0.022	13.85
7/20/2010 19:00	8719	14.59	134.9	14.61	22.47	8.62	141.1	23.08	17.1	89	90.2	43.16	53.32	0	467.7	26.42	5.388	-0.025	13.08
7/20/2010 20:00	8720	15.29	132.2	11.1	26.05	9.04	138.4	19.56	18.89	87.3	87.5	47.61	58.88	0	254.3	26.43	5.365	-0.022	13.16
7/20/2010 21:00	8721	13.68	133.7	9.34	22.47	8.06	140.9	18.06	15.31	84.4	84.1	51.94	64.07	0	61.32	26.42	5.347	-0.019	14.89
7/20/2010 22:00	8722	10.69	132.9	9.15	18.89	6.241	138.3	18.13	13.52	80.5	79.75	57.53	71.18	0	0.245	26.42	5.332	-0.015	13.09
7/20/2010 23:00	8723	8.83	139.4	7.973	15.31	5.059	144.7	15.43	11.74	77.54	76.61	62.14	76.82	0	0.009	26.43	5.316	-0.015	12.24
7/21/2010 0:00	8724	7.063	129	8.28	11.74	3.652	128.6	17.71	6.368	74.51	73.22	67.6	83.9	0	0.003	26.43	5.301	-0.016	13.05
7/21/2010 1:00	8725	5.654	125.4	10.95	11.74	2.606	117	18.33	6.368	72.37	70.81	71.93	89.3	0	0.002	26.43	5.292	-0.009	12.29
7/21/2010 2:00	8726	7.189	128.8	14.59	11.74	3.667	127.4	22.23	8.16	71.73	70.16	73.28	91	0	0.001	26.42	5.282	-0.009	12.2
7/21/2010 3:00	8727	8.07	111.5	8.32	11.74	4.382	111.6	17.46	8.16	70.44	69.2	75.5	92.7	0	0	26.42	5.276	-0.006	14.36
7/21/2010 4:00	8728	7.091	96.6	7.063	9.95	4.08	93.7	15.49	8.16	68.61	67.58	79.35	96.1	0	0.001	26.41	5.27	-0.006	12.17
7/21/2010 5:00	8729	8.97	89	7.944	13.52	5.503	90.5	16.12	9.95	67.54	66.99	82.1	97.9	0	0.001	26.4	5.254	-0.016	12.19
7/21/2010 6:00	8730	7.633	96.9	10.1	11.74	4.853	98.3	18.64	9.95	66.75	66.34	85.4	99.4	0	0	26.4	5.248	-0.006	12.23
7/21/2010 7:00	8731	6.933	98.7	12.3	11.74	4.301	99.3	19.71	8.16	66.74	66.23	86.5	99.4	0	0.428	26.4	5.244	-0.003	12.15
7/21/2010 8:00	8732	6.781	89.8	10.92	11.74	4.37	91	17.98	8.16	66.91	66.77	87.2	99.4	0	28.99	26.41	5.238	-0.006	14.53
7/21/2010 9:00	8733	8.97	124.5	15.03	15.31	5.62	131.1	23.48	9.95	70.55	71.18	83	96.7	0	123.8	26.43	5.238	0	12.77
7/21/2010 10:00	8734	12.11	151.9	11	20.68	7.33	158.1	18.28	17.1	73.71	74.73	77.03	89.8	0	247.6	26.46	5.234	-0.004	12.77
7/21/2010 11:00	8735	12.19	156.4	13.62	20.68	7.502	163.1	20.61	13.52	76.37	77.6	71.18	83.4	0	351.4	26.49	5.233	-0.001	12.35
7/21/2010 12:00	8736	12.27	153.6	12.17	20.68	7.461	161.2	19.91	15.31	78.71	80	67.05	79.04	0	377	26.51	5.23	-0.003	13.95
7/21/2010 13:00	8737	13.2	160.9	14.43	22.47	8.25	168.2	20.83	17.1	80.5	81.8	63.8	75.67	0	486.9	26.52	5.226	-0.004	12.71
7/21/2010 14:00	8738	14.56	158.7	15.12	22.47	9.05	166.1	21.78	17.1	83.3	85.2	58.37	68.93	0	739.7	26.52	5.223	-0.003	13.69
7/21/2010 15:00	8739	14.74	163.7	14.19	26.05	9.18	172.3	20.68	17.1	85.1	87	54.12	64.29	0	719.8	26.51	5.213	-0.01	13.11
7/21/2010 16:00	8740	15.93	154.2	15.94	26.05	9.87	160.7	22.49	18.89	86.1	88	51.27	61.26	0	814	26.5	5.201	-0.013	14.53
7/21/2010 17:00	8741	15.37	145.3	15.65	24.26	9.2	152	22.23	18.89	87.1	88.8	48.03	58.06	0	641.3	26.48	5.182	-0.019	13.2
7/21/2010 18:00	8742	16.72	141	10.93	26.05	10	148	19.74	20.68	86.8	87.9	45.98	56.47	0	555.3	26.46	5.159	-0.022	13.12
7/21/2010 19:00	8743	16.34	147.1	12.83	27.84	9.74	154.3	19.97	20.68	86.6	87.6	45.13	55.55	0	461.5	26.45	5.144	-0.016	13.23
7/21/2010 20:00	8744	14.26	147.4	11.39	22.47	8.38	154.3	19.35	17.1	85.7	85.7	44.71	55.97	0	255.3	26.45	5.125	-0.019	14.65
7/21/2010 21:00	8745	12.38	153.3	9.36	20.68	7.09	160.3	16.98	15.31	83	82.4	47.87	59.83	0	59.47	26.45	5.103	-0.022	13.21
7/21/2010 22:00	8746	9.56	147.3	8.1	17.1	5.288	154	15.78	9.95	79.1	78.04	55.04	68.85	0	0.179	26.44	5.091	-0.012	12.89
7/21/2010 23:00	8747	7.365	143	7.977	9.95	3.647	145.6	15.69	8.16	74.79	73.3	63.04	78.99	0	0.009	26.44	5.079	-0.012	12.99
7/22/2010 0:00	8748	4.933	149.3	16.32	8.16	1.356	130.2	17.66	4.578	72.03	69.8	67.91	86.3	0	0.001	26.43	5.073	-0.006	12.94
7/22/2010 1:00	8749	5.18	143.1	20.09	9.95	1.789	138.2	26.61	4.578	71.01	68.62	70.4	89.4	0	0	26.42	5.064	-0.009	12.93
7/22/2010 2:00	8750	6.391	133.5	16.24	11.74	3.115	125	28.32	8.16	70.01	68.02	73.32	91.8	0	0	26.41	5.057	-0.006	12.24
7/22/2010 3:00	8751	5.584	169.5	10.06	9.95	2.314	178.1	15.51	6.368	70.02	68.29	75.75	93.7	0	0	26.41	5.054	-0.003	12.24
7/22/2010 4:00	8752	6.198	150.5	8.67	9.95	2.678	148.1	15.49	6.368	69.43	67.41	78.88	97.7	0	0	26.41	5.048	-0.006	12.28
7/22/2010 5:00	8753	7.472	141.9	7.988	11.74	3.918	143.7	15.47	6.368	68.51	67.33	82.8	99.4	0	0	26.4	5.045	-0.003	12.19
7/22/2010 6:00	8754	8.61	143	9.97	13.52	4.721	148.4	17.32	9.95	67.89	67.1	85.6	99.4	0	0	26.4	5.041	-0.003	12.32
7/22/2010 7:00	8755	9.44	152.4	9.75	17.1	5.371	158.9	17.76	11.74	68.47	67.87	87	99.4	0	0.619	26.4	5.041	0	12.44
7/22/2010 8:00	8756	12.06	159.5	9.86	18.89	7.065	166.8	17.48	13.52	69.35	69.16	86.2	99.4	0	41.91	26.4	6.234	1.192	12.2
7/22/2010 9:00	8757	15.75	165.3	10.76	26.05	9.37	174.2	18.19	18.89	71.15	71.68	82.9	96.5	0	147.3	26.42	6.6	0.367	12.36
7/22/2010 10:00	8758	15.74	172	11.3	24.26	9.65	180.3	18.78	17.1	73.98	75.54	75.98	87.5	0	446.2	26.45	6.831	0.23	13.14
7/22/2010 11:00	8759	13.52	169.8	12.23	22.47	8.51	178.6	19.33	15.31	77.3	79.37	69.36	79.73	0	634.4	26.47	6.986	0.155	14.55
7/22/2010 12:00	8760	12.22	176.6	14.46	20.68	8.04	185	20.48	15.31	80.3	82.4	62.65	72.67	0	791.6	26.48	7.051	0.065	12.83

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/22/2010 13:00	8761	10.84	171	16.76	20.68	7.315	178.9	23.1	15.31	83.8	85.9	56.03	65.65	0	911	26.49	7.093	0.041	14.55
7/22/2010 14:00	8762	9.16	191.7	24.32	15.31	6.601	202.3	27.63	13.52	86.6	88.5	51	60.03	0	962	26.49	7.118	0.025	13.11
7/22/2010 15:00	8763	8.97	165.8	23.81	17.1	6.161	174.4	31	13.52	88.4	90.2	46.57	55.87	0	887	26.47	7.15	0.032	12.32
7/22/2010 16:00	8764	10.51	162.1	24.7	22.47	7.177	169.9	31.18	17.1	89.9	92	42.93	51.68	0	957	26.46	7.165	0.016	12.85
7/22/2010 17:00	8765	12.76	148.9	17.53	27.84	8.05	156.5	24.5	18.89	88.4	92.5	42.23	51.18	0	819	26.44	7.175	0.01	13.79
7/22/2010 18:00	8766	13.06	157.4	16.79	22.47	8.14	165.9	23.91	17.1	85.4	91.5	41.43	50.87	0	624.7	26.42	7.241	0.067	12.27
7/22/2010 19:00	8767	14.67	150.8	12.14	22.47	8.71	158	19.66	17.1	84.7	90.5	41.57	51.42	0	458.4	26.41	7.245	0.003	12.7
7/22/2010 20:00	8768	14.83	153.9	12.14	24.26	8.75	161.5	19.44	18.89	83.6	88.4	41.62	52.3	0	256.7	26.41	7.248	0.003	12.81
7/22/2010 21:00	8769	13.47	153	8.7	20.68	7.801	160.9	16.62	15.31	82.5	84.6	46.21	57.7	0	49.88	26.42	7.254	0.007	12.9
7/22/2010 22:00	8770	10.46	150.7	8.02	18.89	5.857	156.3	16.34	13.52	80.6	79.81	52.54	65.52	0	0.194	26.42	7.255	0.001	12.18
7/22/2010 23:00	8771	9.22	149.3	8.85	13.52	4.97	154.4	17.03	9.95	77.22	76.15	58.5	72.85	0	0.017	26.42	7.257	0.001	12.26
7/23/2010 0:00	8772	7.691	153.1	9.41	13.52	3.966	157.6	16.09	8.16	75	73.77	63.35	78.72	0	0.005	26.41	7.279	0.022	12.22
7/23/2010 1:00	8773	7.017	148	10.36	9.95	3.317	148.5	19.7	6.368	73.04	71.28	67.22	84.4	0	0.001	26.4	7.282	0.004	12.15
7/23/2010 2:00	8774	6.321	142.8	8.36	9.95	2.924	140.9	16.62	6.368	71.25	69.59	71.36	88.9	0	0.002	26.39	7.283	0.001	12.17
7/23/2010 3:00	8775	5.48	156.6	9.74	9.95	2.207	159.5	17.11	6.368	70.08	68.53	75.5	92.9	0	0.001	26.37	7.283	0	12.29
7/23/2010 4:00	8776	5.932	137.8	9.6	9.95	2.938	136.1	18.91	6.368	69.35	68.14	81.4	98.3	0	0.001	26.36	7.28	-0.003	12.29
7/23/2010 5:00	8777	7.454	150.7	10.43	13.52	4.213	155.4	17.67	9.95	69.26	68.59	85.7	99.4	0	0.001	26.35	7.28	0	12.23
7/23/2010 6:00	8778	8.86	160	9.89	15.31	5.186	167.4	16.61	11.74	68.94	68.54	87.3	99.4	0	0.001	26.36	7.28	0	12.26
7/23/2010 7:00	8779	9.24	161.6	10.46	17.1	5.545	168.9	18.45	13.52	68.63	68.39	88.7	99.4	0	0.242	26.36	7.28	0	12.38
7/23/2010 8:00	8780	11.35	161.8	10.68	18.89	6.876	169.6	18.32	13.52	69.8	69.97	86.7	99.4	0	24.96	26.38	7.28	0	12.2
7/23/2010 9:00	8781	11.99	164.7	11.72	22.47	7.389	173.4	18.64	17.1	71.45	72.01	83.4	96.9	0	146.4	26.4	7.279	-0.001	12.3
7/23/2010 10:00	8782	14.54	172	11.74	20.68	8.99	180.4	18.95	17.1	74.69	76.19	76.76	88.3	0	398.3	26.43	7.291	0.012	12.28
7/23/2010 11:00	8783	14.51	173.5	13.05	20.68	9.17	180.4	19.41	17.1	78.07	79.96	69.09	79.78	0	615.8	26.45	7.303	0.012	12.14
7/23/2010 12:00	8784	12.77	178.7	13.38	20.68	8.44	187.1	19.51	15.31	81.9	83.9	61.34	71.39	0	788.2	26.46	7.311	0.008	14.52
7/23/2010 13:00	8785	12	189.8	16.48	22.47	8.44	197.3	20.77	17.1	85.1	87.1	55.75	65.29	0	902	26.48	7.318	0.006	12.17
7/23/2010 14:00	8786	10.76	163.4	20.81	22.47	7.182	171.3	27.15	15.31	87.6	89.9	51.45	60.4	0	974	26.48	7.321	0.003	12.27
7/23/2010 15:00	8787	11.12	166.2	16.59	20.68	7.355	174.5	23.98	15.31	88.9	91.1	48.42	57.15	0	911	26.47	7.321	0	12.24
7/23/2010 16:00	8788	12.1	158.6	19.88	20.68	7.838	166.6	25.75	17.1	90.2	92.6	45.73	54.33	0	946	26.45	7.321	0	12.78
7/23/2010 17:00	8789	14.27	161	17.14	26.05	9.02	169.5	23.71	18.89	88.4	92.2	43.54	52.6	0	683.6	26.44	7.321	0	12.97
7/23/2010 18:00	8790	17.72	157.1	12.52	27.84	10.56	164.3	19.22	20.68	84.3	89.6	45.41	55.65	0	418.9	26.42	7.321	0	13.93
7/23/2010 19:00	8791	13.91	174.5	19.94	24.26	8.51	182.5	23.38	18.89	81.3	85.8	48.83	60.32	0	75.14	26.42	7.321	0	12.9
7/23/2010 20:00	8792	7.687	256.7	20.72	13.52	5.794	259	21.64	11.74	77.3	81.4	56.24	67.8	0	20.73	26.42	7.322	0.001	12.92
7/23/2010 21:00	8793	4.518	254	17.21	8.16	3.309	253.2	17.16	6.368	75.4	79.37	54.58	66.97	0	20.16	26.42	7.323	0.001	14.69
7/23/2010 22:00	8794	2.112	152.5	26.15	13.52	1.234	134.7	21.24	8.16	74.49	77.38	55.83	71.02	0	0.13	26.42	7.323	0	12.72
7/23/2010 23:00	8795	10.87	154.8	8.87	20.68	6.084	161.1	17.47	13.52	74.84	77.87	61.78	76.08	0	0.012	26.43	7.323	0	13.53
7/24/2010 0:00	8796	11.08	158.3	9.56	22.47	6.331	165.1	17.59	15.31	74.3	77.58	64.37	78.38	0	0.019	26.44	7.323	0	12.17
7/24/2010 1:00	8797	7.703	147.1	9.52	13.52	4.441	152.3	17.12	9.95	72.77	76.05	67.7	82.2	0	0.012	26.44	7.323	0	12.71
7/24/2010 2:00	8798	7.332	161	17.24	13.52	4.139	167.9	23.1	9.95	74.82	74.26	70.93	86.2	0	0.013	26.44	7.323	0	12.25
7/24/2010 3:00	8799	7.563	171.8	9.29	15.31	4.393	179.4	15.83	9.95	73.99	73.34	73.59	88.9	0	0.008	26.43	7.323	0	12.15
7/24/2010 4:00	8800	10.16	171.7	9.24	18.89	6.03	180.2	16.74	11.74	74.11	73.76	74.61	89.5	0	0.004	26.42	7.323	0	12.28
7/24/2010 5:00	8801	10.5	167.7	11.91	24.26	6.32	175	19.04	17.1	72.95	72.64	76.02	90.8	0	0.005	26.42	7.323	0	12.3
7/24/2010 6:00	8802	9.07	157	9.79	15.31	5.444	163.9	17.32	11.74	71.43	71.15	81.5	96.5	0	0.003	26.41	7.323	0	12.3
7/24/2010 7:00	8803	8.57	149.6	10.65	15.31	4.95	156	17.87	11.74	70.57	70.26	83.8	99	0	0.502	26.41	7.321	-0.002	12.23
7/24/2010 8:00	8804	6.715	150.1	9.37	11.74	3.824	156.1	16.57	8.16	69.42	69.04	85.8	99.4	0	20.13	26.42	7.321	0	12.29
7/24/2010 9:00	8805	8.31	155.2	11.89	15.31	5.172	164.2	19.56	13.52	70.92	71.48	83.3	96.7	0	120.3	26.44	7.323	0.002	12.34

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/24/2010 10:00	8806	11.36	164.1	10.68	18.89	6.889	172.2	18.58	13.52	72.25	72.96	80	93.2	0	161.2	26.47	7.323	0	12.16
7/24/2010 11:00	8807	11.3	165.2	12.96	17.1	7.232	173	19.81	13.52	74.81	76.24	74.8	86.4	0	413.8	26.49	7.322	-0.001	12.28
7/24/2010 12:00	8808	8.86	176.9	19.81	17.1	6.037	185.3	24.54	11.74	77.48	78.96	68.81	80	0	406.5	26.51	7.322	0	12.18
7/24/2010 13:00	8809	7.623	208.6	24.91	13.52	5.786	216.5	26.61	11.74	79.14	81.5	64.49	75.58	0	593.3	26.52	7.321	-0.001	12.19
7/24/2010 14:00	8810	7.421	199.8	22.86	17.1	5.532	207.9	25.72	13.52	78.13	83.6	60.96	71.44	0	636.8	26.52	7.321	0	12.25
7/24/2010 15:00	8811	10.58	168.6	20.33	20.68	7.29	178.5	26.09	15.31	84.3	86.9	55.25	64.58	0	880	26.5	7.321	0	12.17
7/24/2010 16:00	8812	13.99	154.5	15.5	24.26	8.69	160.9	22.77	18.89	84.8	88	51.77	61.16	0	788.6	26.48	7.321	0	12.2
7/24/2010 17:00	8813	14.8	144.1	19.43	26.05	9.14	151.2	26.45	20.68	83.5	89.2	48.45	57.73	0	789.8	26.47	7.321	0	12.18
7/24/2010 18:00	8814	16.59	142.7	14.15	29.63	9.92	149.9	20.93	18.89	82.8	87.4	48.96	59.27	0	563.6	26.47	7.321	0	12.17
7/24/2010 19:00	8815	15.9	139.3	11.07	24.26	9.57	146.9	18.89	18.89	81.8	86.1	48.41	59.39	0	277.3	26.46	7.321	0	12.25
7/24/2010 20:00	8816	14.94	142.5	9.55	27.84	8.69	149.9	17.69	17.1	78.96	82.7	52.33	64.51	0	47.02	26.45	7.315	-0.005	13.06
7/24/2010 21:00	8817	11.26	162.2	30.33	22.47	6.796	169.9	33.16	13.52	77.08	81.2	53.96	66.14	0	7.74	26.46	7.309	-0.006	12.24
7/24/2010 22:00	8818	11.17	234.6	15.29	22.47	8.18	239.1	16.57	15.31	70.82	74.73	73.45	86	0	0.065	26.49	7.304	-0.005	12.26
7/24/2010 23:00	8819	10.17	246.2	11.54	18.89	7.675	250.3	13.69	15.31	70.01	71.99	75.62	88.9	0	0.013	26.5	7.301	-0.003	12.29
7/25/2010 0:00	8820	4.087	292.5	27.35	9.95	3.102	294.9	28.36	8.16	69.49	70.82	75.37	88.9	0	0.002	26.49	7.298	-0.003	12.23
7/25/2010 1:00	8821	3.95	351.3	27.39	8.16	2.88	355.9	27.82	6.368	70.95	71.2	74.31	88	0	0.003	26.48	7.296	-0.002	12.25
7/25/2010 2:00	8822	6.706	39.19	12.72	11.74	3.984	44.42	16.09	8.16	70.89	71.07	75.74	89.4	0	0.002	26.48	7.295	0	14.03
7/25/2010 3:00	8823	7.872	56.19	12.2	11.74	4.934	59.91	17.34	9.95	70.89	71.01	77.63	91.6	0	0.005	26.48	7.295	0	12.16
7/25/2010 4:00	8824	7.523	61.22	8.89	11.74	4.925	65.88	15.83	8.16	70.82	70.87	77.87	92.1	0	0.003	26.47	7.292	-0.003	13.42
7/25/2010 5:00	8825	7.909	68.11	8.67	11.74	4.888	69.66	16.01	9.95	69.18	69.06	82.6	97.3	0	0.003	26.46	7.293	0.001	12.23
7/25/2010 6:00	8826	7.786	55.5	9.4	11.74	5.043	61.95	15.99	9.95	68.11	68.02	84.1	98.9	0	0.001	26.46	7.293	0	12.38
7/25/2010 7:00	8827	7.644	59.1	8.51	11.74	5.029	65.06	15.64	9.95	66.58	66.54	85.8	99.4	0	1.866	26.46	7.29	-0.003	12.98
7/25/2010 8:00	8828	9.45	73.32	8.98	15.31	5.766	73.73	17.75	11.74	67.08	67.2	83.3	97.7	0	52.44	26.47	7.29	0	12.16
7/25/2010 9:00	8829	10.02	114.3	17.47	17.1	6.43	118.2	25.58	13.52	70.09	70.58	75.71	89.7	0	167.7	26.49	7.289	0	14.38
7/25/2010 10:00	8830	12.63	148.3	11.73	20.68	7.689	154.3	19.01	15.31	73.53	74.37	69.05	81.9	0	258.6	26.52	7.288	-0.001	12.2
7/25/2010 11:00	8831	13.05	154.5	12.87	20.68	7.963	162.2	19.57	15.31	75.08	76.04	66.75	79.21	0	333.7	26.53	7.29	0.002	12.3
7/25/2010 12:00	8832	13.17	162.4	12.3	22.47	8.11	170.5	19.84	17.1	78.21	79.52	59.42	70.99	0	530.2	26.55	7.29	0	12.57
7/25/2010 13:00	8833	12.64	155	17.47	24.26	8.01	162.9	24.21	18.89	81	82.7	52.99	63.62	0	641.7	26.56	7.289	-0.001	12.19
7/25/2010 14:00	8834	13.97	162.5	15.8	22.47	8.93	171.1	22.55	17.1	83.2	85.3	45.99	55.3	0	875	26.56	7.289	0	12.21
7/25/2010 15:00	8835	12.46	150.6	16.79	24.26	7.843	158	23.82	18.89	81	87.1	39.27	48.65	0	816	26.56	7.289	0	12.21
7/25/2010 16:00	8836	12.91	161.2	15.64	26.05	8.13	169.1	22.49	17.1	81.7	88.3	35.57	44.52	0	853	26.54	7.289	0	12.32
7/25/2010 17:00	8837	13.54	160.7	18.85	34.99	8.55	169.2	25.17	22.47	84	90.3	33.51	41.79	0	842	26.52	7.289	0	12.26
7/25/2010 18:00	8838	13.11	149.3	18.67	24.26	8.07	155.7	25.96	17.1	85.6	90.2	32.98	41.79	0	696	26.5	7.289	0	13.03
7/25/2010 19:00	8839	13.23	145.4	15.51	24.26	8.11	152.9	22.06	17.1	83.4	88.8	33.28	42.74	0	457.4	26.49	7.283	-0.006	13.9
7/25/2010 20:00	8840	12.41	128.4	11.22	20.68	7.367	134.3	20.55	15.31	82.3	86.1	37.38	47.99	0	185.5	26.48	7.276	-0.006	12.26
7/25/2010 21:00	8841	9.8	118	8.42	17.1	5.63	122.6	18.35	13.52	82.3	81.5	42.26	54.13	0	17.18	26.47	7.268	-0.008	12.44
7/25/2010 22:00	8842	7.602	112.7	7.518	11.74	4.014	114.5	17.68	9.95	78.29	76.83	47.65	61.31	0	0.129	26.46	7.266	-0.002	13.49
7/25/2010 23:00	8843	7.404	114	7.669	11.74	3.581	112.7	17.43	6.368	75.42	73.73	51.69	66.7	0	0.005	26.47	7.263	-0.003	12.23
7/26/2010 0:00	8844	7.201	124.6	8.13	9.95	3.502	122.3	16.23	6.368	74.39	72.76	52.23	67.29	0	0.005	26.48	7.26	-0.003	12.28
7/26/2010 1:00	8845	6.023	134.1	6.722	11.74	2.626	129.8	14.38	6.368	74.23	72.64	53.46	69	0	0.002	26.48	7.257	-0.003	12.22
7/26/2010 2:00	8846	6.303	150	14.52	9.95	3.184	150.6	21.1	6.368	73.2	72.19	56.21	70.65	0	0.004	26.47	7.257	0	12.17
7/26/2010 3:00	8847	6.218	104.8	18.31	9.95	3.388	100.5	19.75	6.368	71.68	70.84	60.42	74.99	0	0.005	26.47	7.254	-0.003	12.15
7/26/2010 4:00	8848	4.595	120.9	9.65	6.368	1.865	92	10.11	4.578	70.83	69.22	63.38	80.6	0	0.002	26.45	7.251	-0.003	12.21
7/26/2010 5:00	8849	4.865	83.6	10.41	8.16	2.645	72.7	12.73	4.578	67.28	68.89	64.71	81.8	0	0.001	26.44	7.248	-0.003	12.27
7/26/2010 6:00	8850	4.58	89.1	13.63	8.16	2.891	66.26	9.98	4.578	65.4	66.99	67.5	85	0	0.001	26.44	7.248	0	12.52

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/26/2010 7:00	8851	5.746	61.29	7.01	8.16	3.396	60.11	12.27	6.368	62.74	64.9	72.64	89.1	0	0.441	26.44	7.245	-0.003	12.2
7/26/2010 8:00	8852	5.878	73.64	11.39	8.16	3.58	69.38	16.23	6.368	65.94	66.44	72.24	87.7	0	62.99	26.44	7.242	-0.003	14.16
7/26/2010 9:00	8853	7.213	111.1	17.41	13.52	4.773	113.7	24.81	9.95	69.42	73.16	65.34	78.13	0	249.1	26.48	7.244	0.002	12.16
7/26/2010 10:00	8854	12.13	151.4	14.74	22.47	7.495	158.5	22.03	17.1	73.28	78.64	57.47	68.03	0	523	26.51	7.243	-0.001	12.28
7/26/2010 11:00	8855	13.32	162.3	17.29	20.68	8.35	170.2	23.46	17.1	75.3	81.2	53.88	63.58	0	660.1	26.54	7.242	-0.001	12.16
7/26/2010 12:00	8856	14.08	152.4	14.21	22.47	8.68	159.2	22.45	18.89	77.48	83.4	48.91	58.3	0	782.7	26.55	7.241	-0.001	12.4
7/26/2010 13:00	8857	15.05	155.6	15.33	24.26	9.34	163.7	22.51	18.89	78.81	85.3	45.52	54.39	0	854	26.56	7.245	0.003	12.29
7/26/2010 14:00	8858	13.6	152.2	17.25	24.26	8.63	159.3	24.42	18.89	79.86	86.9	42.78	51.27	0	903	26.55	7.241	-0.003	12.29
7/26/2010 15:00	8859	12.66	150.8	18.98	24.26	7.953	158.9	26.46	17.1	81.3	88.5	39.85	48.13	0	922	26.53	7.245	0.003	12.26
7/26/2010 16:00	8860	11.79	162.2	21.8	24.26	7.604	170.4	27.58	18.89	81.9	88.5	38.07	46.65	0	758.3	26.51	7.245	0	12.3
7/26/2010 17:00	8861	11.48	169.7	19.32	24.26	7.711	176.9	24.88	20.68	83.9	90	35.92	44.16	0	860	26.48	7.241	-0.003	12.24
7/26/2010 18:00	8862	8.7	169.1	22.26	17.1	5.866	178.3	28.35	15.31	84.7	89.9	34.26	42.9	0	652.9	26.45	7.238	-0.003	12.21
7/26/2010 19:00	8863	8.22	179.7	19.61	15.31	5.319	186.9	24.33	11.74	83.8	88	35.34	44.98	0	315.8	26.44	7.232	-0.006	13.9
7/26/2010 20:00	8864	7.482	156.6	15.44	15.31	4.625	164.7	20.94	11.74	83.2	87.2	35.58	46.24	0	250.6	26.42	7.226	-0.006	12.79
7/26/2010 21:00	8865	6.094	140.9	13.82	9.95	2.982	141.1	21.93	6.368	80.4	83	40.52	53.99	0	55.19	26.42	7.216	-0.009	13.93
7/26/2010 22:00	8866	14.13	107.3	10.8	27.84	8.38	108.3	20.39	22.47	72.83	76.26	59.99	73.37	0	0.175	26.43	7.208	-0.008	12.2
7/26/2010 23:00	8867	11.29	109.8	9.24	18.89	6.726	113.6	19.45	13.52	69.49	72.75	67.7	81.8	0	0.008	26.44	7.187	-0.021	12.26
7/27/2010 0:00	8868	10.02	116	8.85	15.31	5.877	119	18.51	11.74	69.37	71.3	70.25	85	0	0.006	26.44	7.172	-0.015	12.26
7/27/2010 1:00	8869	8.6	119	8.21	15.31	4.919	121.2	17.98	9.95	67.1	69.53	71.96	87.2	0	0.002	26.43	7.153	-0.018	12.43
7/27/2010 2:00	8870	8.44	115.8	9.61	13.52	4.866	118.2	19.41	9.95	67.47	68.02	74.28	89.8	0	0.002	26.42	7.14	-0.013	12.3
7/27/2010 3:00	8871	7.916	114.8	10.02	11.74	4.517	116.6	19.51	8.16	64.94	66.74	76.11	91.8	0	0.001	26.41	7.125	-0.016	13.17
7/27/2010 4:00	8872	7.6	105.3	9.44	13.52	4.643	107.4	18.74	9.95	65.25	65.9	77.32	92.9	0	0.001	26.39	7.109	-0.016	12.39
7/27/2010 5:00	8873	5.537	77.96	15.23	8.16	3.249	77.36	18.37	6.368	65.22	64.55	79.18	95.1	0	0.001	26.38	7.093	-0.016	12.21
7/27/2010 6:00	8874	5.728	66.5	8.54	8.16	3.361	66.23	14.15	6.368	63.85	63.19	81.7	97.6	0	0	26.38	7.083	-0.009	12.29
7/27/2010 7:00	8875	5.233	70.24	9.28	8.16	3.064	65.89	13.51	6.368	63.27	62.6	83.2	99	0	0.262	26.37	7.074	-0.009	12.17
7/27/2010 8:00	8876	4.656	78.38	13.36	8.16	2.873	68.91	14.14	6.368	64.28	63.83	82.8	98.1	0	48.59	26.38	7.065	-0.01	12.38
7/27/2010 9:00	8877	5.982	89.8	14.39	11.74	4.331	92.9	21.53	8.16	68.43	69.63	76.91	89.5	0	226.8	26.41	7.058	-0.006	12.24
7/27/2010 10:00	8878	8.08	157	20.84	13.52	5.328	164.9	27.01	11.74	73.75	75.76	70.8	81.4	0	431.6	26.45	7.05	-0.008	12.2
7/27/2010 11:00	8879	11.48	175.2	15.64	20.68	7.471	182.9	21.37	15.31	77.85	79.82	64.98	75.22	0	576.5	26.47	7.046	-0.003	12.28
7/27/2010 12:00	8880	12.97	174.8	16.06	20.68	8.39	182.7	22	15.31	80.9	82.9	58.47	68.39	0	737.6	26.5	7.039	-0.007	12.26
7/27/2010 13:00	8881	12.49	171	15.49	20.68	8.24	179.8	22.03	15.31	83	85.2	54.43	63.58	0	840	26.51	7.026	-0.013	12.21
7/27/2010 14:00	8882	12.45	176.3	17.9	22.47	8.28	185.2	22.94	17.1	85	87.4	50.05	58.6	0	894	26.5	7.02	-0.006	12.4
7/27/2010 15:00	8883	11.16	176.6	22.58	20.68	7.551	186.1	28.54	17.1	86.8	89.2	45.91	54.01	0	914	26.49	7.01	-0.01	12.21
7/27/2010 16:00	8884	11.75	171.5	21.5	26.05	7.723	179.3	27.6	17.1	88.2	90.7	42.98	51.02	0	860	26.48	6.994	-0.016	13.01
7/27/2010 17:00	8885	11.65	159.6	22.57	22.47	7.61	167.8	29.17	15.31	88.7	90.6	41.11	50	0	721.7	26.46	6.982	-0.013	13.9
7/27/2010 18:00	8886	11.73	157.9	19.56	24.26	7.444	165.1	26.52	18.89	89.5	91.3	38.88	47.71	0	670.4	26.44	6.959	-0.022	13.33
7/27/2010 19:00	8887	12.5	161	15.79	22.47	7.74	169.1	22.34	17.1	89.1	90.6	38.21	47.39	0	480.2	26.43	6.947	-0.013	13.23
7/27/2010 20:00	8888	11.63	156.1	14.02	18.89	6.967	163.9	20	13.52	84.9	88.7	38.58	48.95	0	249.6	26.42	6.925	-0.022	13.52
7/27/2010 21:00	8889	10.45	154.7	8.67	20.68	5.879	161.2	16.62	13.52	82.6	84.7	42.28	53.69	0	55.58	26.42	6.896	-0.029	12.33
7/27/2010 22:00	8890	7.368	148.2	7.854	11.74	3.672	151.9	15.87	8.16	80.4	78.9	50.09	64.02	0	0.176	26.42	6.869	-0.027	12.16
7/27/2010 23:00	8891	7.165	108.1	16.38	11.74	3.866	105.9	21.56	8.16	76.22	74.87	59.2	74.13	0	0.006	26.43	6.841	-0.028	12.56
7/28/2010 0:00	8892	7.002	99.5	9.41	11.74	4.022	98.3	17.11	8.16	73.4	72.53	70.44	85.9	0	0.005	26.43	6.816	-0.025	12.35
7/28/2010 1:00	8893	7.396	114.2	9.66	13.52	4.02	112.2	18.3	6.368	72.45	71.2	69.29	86.1	0	0.001	26.43	6.798	-0.018	12.37
7/28/2010 2:00	8894	5.764	126.6	8.27	8.16	2.549	120.2	13.69	4.578	70.88	69.41	70.07	87.4	0	0.001	26.43	6.779	-0.019	12.29
7/28/2010 3:00	8895	5.567	132.4	6.818	8.16	2.149	111.7	12.86	4.578	69.79	67.54	72.04	91	0	0	26.42	6.763	-0.016	12.37

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
7/28/2010 4:00	8896	6.572	97	11.23	8.16	3.586	85.9	12.89	6.368	68.71	67.03	75.9	93.7	0	0	26.4	6.754	-0.01	12.16	
7/28/2010 5:00	8897	7.339	101.6	8.65	11.74	4.001	98.6	17.04	8.16	68.01	66.84	78.44	95.5	0	0	26.4	6.747	-0.006	12.22	
7/28/2010 6:00	8898	7.816	107.5	11.81	11.74	4.409	106.7	20.4	8.16	67.43	66.49	79.32	96	0	0	26.4	6.731	-0.016	12.19	
7/28/2010 7:00	8899	7.659	99.2	15.67	11.74	4.527	98.9	21.77	8.16	66.6	65.95	82.2	98.2	0	0.254	26.4	6.725	-0.006	12.19	
7/28/2010 8:00	8900	7.493	83.5	11.6	11.74	4.757	84.1	20.35	9.95	66.1	65.98	86.1	99.3	0	41.86	26.42	6.719	-0.006	12.3	
7/28/2010 9:00	8901	8.86	107.2	22.25	17.1	5.815	109.8	29.96	11.74	70.55	71.57	81.3	94.1	0	225.8	26.45	6.712	-0.007	12.26	
7/28/2010 10:00	8902	11.07	135.5	11	17.1	6.801	142.2	19.41	13.52	72.98	73.91	78.71	91.6	0	176.6	26.49	6.708	-0.004	12.15	
7/28/2010 11:00	8903	10.98	146.1	17.03	17.1	6.933	154.4	23.78	13.52	75.97	77.74	72.88	84	0	464.3	26.51	6.704	-0.004	12.23	
7/28/2010 12:00	8904	8.4	152.2	21.96	15.31	5.701	159.4	28.12	11.74	79.84	82	65.12	75.15	0	636.4	26.54	6.703	-0.001	12.31	
7/28/2010 13:00	8905	9.74	134.6	22.3	20.68	6.413	140.7	31.34	15.31	82.6	85.2	59.7	69.34	0	837	26.56	6.703	0	12.25	
7/28/2010 14:00	8906	10.17	139.3	24.51	18.89	6.758	145.5	33.11	15.31	85.4	88.3	53.38	61.87	0	1023	26.56	6.7	-0.003	12.23	
7/28/2010 15:00	8907	9.43	139	26.43	20.68	6.323	145.7	34.63	17.1	86.8	88.8	48.53	57.97	0	659.7	26.55	6.69	-0.01	12.24	
7/28/2010 16:00	8908	8.46	153.6	24.36	18.89	5.592	163	31.43	13.52	83.6	89.4	46.41	56.19	0	586.6	26.52	6.681	-0.01	12.16	
7/28/2010 17:00	8909	14.31	99.3	44.79	42.15	9.2	102.3	50.34	31.42	83.3	89.7	46.4	55.5	0	732	26.51	6.671	-0.01	12.19	
7/28/2010 18:00	8910	14.63	65.65	14.82	36.78	9.06	69.33	21.23	26.05	74.5	78.93	62.95	75.16	0	72.99	26.5	6.653	-0.018	12.18	
7/28/2010 19:00	8911	8.66	103	22.02	20.68	5.419	105.9	27.52	13.52	74.43	77.64	63.08	76.64	0	41.28	26.48	6.641	-0.012	12.46	
7/28/2010 20:00	8912	5.946	123	38.94	18.89	3.93	123.9	43.49	13.52	74.47	76.76	66.24	79.76	0	39.29	26.49	6.632	-0.009	12.22	
7/28/2010 21:00	8913	8.1	241.5	11.9	18.89	6.201	244.5	12.86	13.52	72.09	74.81	68.1	81	0	14.89	26.49	6.623	-0.009	12.28	
7/28/2010 22:00	8914	8.56	245.4	14.57	18.89	6.525	248.7	15.88	15.31	70.96	71.31	71.85	85.4	0.02	0.056	26.51	6.613	-0.009	12.25	
7/28/2010 23:00	8915	6.709	287.4	69.87	18.89	4.511	291.6	72.22	11.74	68.95	68.56	79.71	97.9	0.02	0.001	26.51	6.605	-0.008	12.16	
7/29/2010 0:00	8916	8.32	47.5	22.71	15.31	4.9	52.07	25.95	11.74	69.21	68.7	80.7	98.1	0	0	26.5	6.598	-0.006	12.21	
7/29/2010 1:00	8917	6.995	60.63	9.93	15.31	4.405	65.6	16.18	8.16	68.5	68.02	82.5	99.4	0	0.001	26.49	6.595	-0.003	12.16	
7/29/2010 2:00	8918	6.064	51.47	15.74	11.74	3.48	56.26	20.87	8.16	68.56	68.1	82	98.7	0	0.001	26.49	6.589	-0.006	12.17	
7/29/2010 3:00	8919	8.62	70.5	11.74	17.1	5.295	75.31	18.41	11.74	67.63	67.49	88.1	99.4	0	0.001	26.49	6.589	0	12.2	
7/29/2010 4:00	8920	5.407	93.8	61.72	13.52	3.274	89.3	65.21	9.95	67.51	67.28	89.4	99.4	0	0.001	26.49	6.582	-0.006	12.23	
7/29/2010 5:00	8921	2.036	231.5	13.36	6.368	1.169	239	8.41	4.578	67.98	68.03	89.5	99.4	0	0.001	26.51	6.579	-0.003	12.42	
7/29/2010 6:00	8922	3.663	132.8	31.06	11.74	1.399	155.6	19.78	8.16	69.23	69.08	87.7	99.4	0	0.001	26.51	6.563	-0.016	12.17	
7/29/2010 7:00	8923	5.944	152	12.31	9.95	3.117	156.9	19.03	6.368	69.21	68.79	88.6	99.4	0	0.573	26.52	6.554	-0.01	12.46	
7/29/2010 8:00	8924	4.476	129	13.14	8.16	2.27	130.7	18.39	4.578	69.1	68.91	89.4	99.4	0	57.91	26.53	6.525	-0.029	12.39	
7/29/2010 9:00	8925	7.503	144.2	16.56	13.52	4.888	153.2	22.69	9.95	71.11	72.78	83.7	96.5	0	261.3	26.55	6.508	-0.017	14.38	
7/29/2010 10:00	8926	9.45	150.1	13.77	15.31	6.114	157	21.54	11.74	73.57	75.57	79.01	90.5	0	455.1	26.58	6.504	-0.004	12.2	
7/29/2010 11:00	8927	9.2	150.6	15.07	15.31	6.081	157.9	21.71	13.52	74.8	76.54	75.96	87.7	0	391.8	26.59	6.498	-0.006	12.24	
7/29/2010 12:00	8928	8.36	159.6	16.62	13.52	5.693	166.6	23.48	9.95	76.02	77.37	71.83	83.9	0	378.4	26.6	6.491	-0.006	14.33	
7/29/2010 13:00	8929	8.47	154.4	17.31	15.31	5.551	162.8	24.19	11.74	77.9	79.61	67.82	79.19	0	433.4	26.6	6.484	-0.007	12.39	
7/29/2010 14:00	8930	9.43	148	19.56	18.89	6.092	155.3	26.07	13.52	76.5	80.8	64.48	75.64	0	511.9	26.59	6.478	-0.007	12.29	
7/29/2010 15:00	8931	11.57	139.1	16.32	20.68	7.477	145.7	24.46	15.31	75.58	82.5	60.88	70.99	0	720.9	26.59	6.471	-0.006	12.21	
7/29/2010 16:00	8932	11.95	148	17	20.68	7.728	155.9	24.92	17.1	77.28	84.1	56.48	65.66	0	842	26.57	6.462	-0.01	12.3	
7/29/2010 17:00	8933	11.09	156.5	18.77	18.89	7.249	164.3	25.15	15.31	78.67	85.2	53.47	62.63	0	722.5	26.56	6.433	-0.029	12.27	
7/29/2010 18:00	8934	9.46	147	24.49	18.89	6.36	154.2	33.02	13.52	80.1	86.5	50.95	60.19	0	603.9	26.54	6.411	-0.022	12.19	
7/29/2010 19:00	8935	10.11	149.5	17.05	17.1	6.415	157	24.28	15.31	80.7	86.7	49.49	59.23	0	456.7	26.52	6.395	-0.016	12.7	
7/29/2010 20:00	8936	10.48	147.4	12.85	17.1	6.327	154.7	19.75	11.74	79.78	85	48.84	60.04	0	234.2	26.51	6.376	-0.019	12.27	
7/29/2010 21:00	8937	8.83	157.3	8.28	13.52	4.954	164.7	16.11	11.74	79.65	80.9	53.15	66.21	0	41.62	26.51	6.364	-0.012	12.17	
7/29/2010 22:00	8938	7.283	159.2	7.299	11.74	3.727	164.8	15.13	8.16	76.85	75.71	62.06	77.43	0	0.116	26.5	6.353	-0.012	12.29	
7/29/2010 23:00	8939	8.74	162	8.08	13.52	4.919	168.8	16.55	13.52	74.81	74.04	66	81.1	0	0.005	26.5	6.344	-0.009	12.37	
7/30/2010 0:00	8940	7.678	147.4	8.73	11.74	4.137	151.6	16.48	8.16	72.5	71.68	71.08	86.8	0	0.004	26.49	6.328	-0.016	12.18	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/30/2010 1:00	8941	5.997	164.4	7.454	9.95	2.545	171.2	13.41	8.16	67.97	69.11	75.22	92.4	0	0.001	26.47	6.322	-0.005	12.47
7/30/2010 2:00	8942	5.368	154.1	10.81	9.95	2.213	153.3	18.83	6.368	66.48	68.08	75.96	93.8	0	0.001	26.46	6.316	-0.006	12.25
7/30/2010 3:00	8943	5.602	123.3	7.68	8.16	2.519	106.1	14.15	4.578	65.77	66.69	78.6	97.2	0	0	26.45	6.307	-0.01	12.16
7/30/2010 4:00	8944	4.466	119.6	15.73	8.16	1.548	97.8	16.74	4.578	64.93	65.85	82.3	99.3	0	0	26.43	6.303	-0.003	12.38
7/30/2010 5:00	8945	4.241	101.2	11.82	6.368	2.083	75.9	9.18	4.578	66.84	65.56	83	99.4	0	0	26.42	6.3	-0.003	12.29
7/30/2010 6:00	8946	4.62	92.8	8.39	8.16	2.393	79.31	11.04	4.578	66.49	65.33	83.9	99.4	0	0	26.41	6.297	-0.003	12.21
7/30/2010 7:00	8947	5.821	81.7	6.992	8.16	3.159	79.85	13.68	6.368	65.58	64.68	85.3	99.4	0	0.286	26.42	6.291	-0.006	12.42
7/30/2010 8:00	8948	5.274	86	7.499	8.16	3.024	83.7	14.5	4.578	65.94	65.4	84.2	99	0	47.02	26.42	6.288	-0.003	12.22
7/30/2010 9:00	8949	5.486	136.3	29.5	11.74	3.891	142.9	35.81	8.16	70.23	71.38	79.86	92.3	0	220.9	26.44	6.287	-0.001	12.55
7/30/2010 10:00	8950	8.34	185.1	16.37	11.74	6.031	193.8	21.44	9.95	73.61	75.44	74.79	85.5	0	422.9	26.47	6.286	-0.001	13.82
7/30/2010 11:00	8951	7.657	192.7	17.4	13.52	5.623	201.1	21.27	11.74	78.13	80	67.34	77.47	0	607.8	26.49	6.285	0	14.98
7/30/2010 12:00	8952	8.66	211.3	17.55	17.1	6.612	217.9	20.83	13.52	82.2	84	59.57	69.23	0	768.8	26.52	6.284	-0.001	12.21
7/30/2010 13:00	8953	9.59	212.7	20.98	18.89	7.132	219.2	22.94	15.31	83	87.4	54.23	62.9	0	915	26.52	6.278	-0.006	12.16
7/30/2010 14:00	8954	8.6	221.1	24.19	17.1	6.546	226	27.56	13.52	83.2	88.7	50.57	59.34	0	688.2	26.51	6.265	-0.013	12.23
7/30/2010 15:00	8955	8.77	220.5	31.42	17.1	6.68	226.2	33.82	15.31	84.9	91.3	45.4	53.71	0	867	26.49	6.243	-0.022	13.11
7/30/2010 16:00	8956	7.973	200.7	32.46	17.1	6.147	207.6	35.73	15.31	86.8	92.8	42.47	50.67	0	871	26.47	6.227	-0.016	13.21
7/30/2010 17:00	8957	9.15	202.3	28.14	18.89	6.776	212.5	30.43	15.31	89.9	93.8	40.46	48.46	0	820	26.46	6.205	-0.022	13.22
7/30/2010 18:00	8958	8.9	197.3	26.67	31.42	6.303	202.6	27.77	20.68	89.9	93.7	39.87	48.27	0	553.5	26.44	6.177	-0.029	13.25
7/30/2010 19:00	8959	13.29	173.1	63.68	40.36	8.87	181.6	61.27	31.42	74.36	78.44	67.43	82.1	0.01	54.59	26.45	6.149	-0.028	12.23
7/30/2010 20:00	8960	4.087	210	88.1	8.16	2.775	232.4	86	6.368	73.26	76.22	69.44	87.5	0	21.59	26.4	6.137	-0.011	15.24
7/30/2010 21:00	8961	3.354	182.8	39.64	6.368	1.59	192.8	38.86	4.578	75.77	75.7	72.87	92.6	0	39.41	26.38	6.131	-0.006	12.22
7/30/2010 22:00	8962	4.455	237.6	16.33	8.16	1.528	252.1	9.29	4.578	75.58	74.36	73.87	93.2	0	0.09	26.36	6.125	-0.006	12.33
7/30/2010 23:00	8963	2.54	84.5	26.79	6.368	1.639	81.4	7.355	4.578	74.25	72.38	78.71	98.7	0	0.005	26.38	6.119	-0.006	12.22
7/31/2010 0:00	8964	2.219	77.62	51.61	6.368	1.027	67.46	5.464	4.578	72.9	71.55	80.7	99.2	0	0.002	26.38	6.116	-0.002	12.25
7/31/2010 1:00	8965	3.01	84.6	20.38	8.16	0.808	72.62	8.41	6.368	72.16	70.09	83.1	99.4	0	0.003	26.38	6.113	-0.003	12.21
7/31/2010 2:00	8966	5.84	147	11.59	15.31	2.068	144.9	19.27	8.16	68.94	69.46	84	99.4	0	0.001	26.38	6.11	-0.003	12.36
7/31/2010 3:00	8967	3.665	139.6	10.14	6.368	0.543	103.7	5.998	2.789	67.41	68.99	84.2	99.4	0	0.001	26.38	6.11	0	12.23
7/31/2010 4:00	8968	2.768	160.4	15.27	4.578	0.063	156.9	5.011	2.789	66.15	68.5	84.1	99.4	0	0.001	26.38	6.104	-0.006	12.37
7/31/2010 5:00	8969	4.353	161.2	7.283	6.368	0.688	145.7	6.772	2.789	66.14	68.23	81.6	99.4	0	0.001	26.36	6.104	0	14.28
7/31/2010 6:00	8970	3.453	160.1	14.11	6.368	0.188	143.6	5.738	2.789	65.43	68.04	82.5	99.4	0	0.001	26.36	6.1	-0.003	12.28
7/31/2010 7:00	8971	2.222	193.8	28.62	6.368	0.148	209.7	15.74	2.789	64.74	67.62	83.2	99.4	0	0.305	26.36	6.094	-0.006	12.83
7/31/2010 8:00	8972	2.682	201.7	24.32	4.578	0.142	196.7	3.612	2.789	66.21	69.75	80.6	97.6	0	61.37	26.37	6.094	0	14.02
7/31/2010 9:00	8973	5.61	186.4	13.17	11.74	3.865	193.2	16.94	8.16	69.04	75.23	77.38	90.2	0	239.8	26.4	6.09	-0.005	12.26
7/31/2010 10:00	8974	7.396	182.2	16.48	13.52	5.276	190.1	21.29	9.95	72.17	79.13	71.34	82.6	0	429.3	26.43	6.089	-0.001	12.2
7/31/2010 11:00	8975	7.338	185.6	24.32	15.31	5.371	191.2	29.2	11.74	78.3	83.3	62.06	72.4	0	615.2	26.45	6.088	-0.001	12.26
7/31/2010 12:00	8976	8.35	196.4	22.73	18.89	6.14	202.4	25.84	15.31	83.4	87.1	50.09	59.4	0	788.2	26.47	6.085	-0.004	12.27
7/31/2010 13:00	8977	8.93	182.5	19.82	17.1	6.436	190.5	25	13.52	87.2	89.6	45.87	54.07	0	906	26.48	6.075	-0.01	12.28
7/31/2010 14:00	8978	9.47	171.6	21.89	18.89	6.588	180.8	27.7	13.52	89.4	92.3	42.94	50.6	0	967	26.47	6.063	-0.013	12.32
7/31/2010 15:00	8979	11.71	169.7	20.63	24.26	7.849	177.5	26.07	18.89	90.8	93.7	39.64	47.11	0	952	26.45	6.04	-0.022	12.24
7/31/2010 16:00	8980	12.71	169.8	21.77	24.26	8.42	177.2	27.33	17.1	91.9	94.8	35.43	42.8	0	921	26.44	6.006	-0.035	12.22
7/31/2010 17:00	8981	12.18	176.2	20.81	26.05	8.11	183.6	25.82	17.1	93.3	95.8	33.16	40.69	0	798.4	26.42	5.977	-0.029	13.14
7/31/2010 18:00	8982	12.84	189.7	16.96	27.84	8.69	196.6	21.18	20.68	93.6	95.5	32.58	40.46	0	660.4	26.4	5.929	-0.048	13.27
7/31/2010 19:00	8983	12.7	186.1	18.05	22.47	8.34	194.4	21.57	17.1	93.8	95.4	30.15	38.35	0	459.2	26.39	5.904	-0.025	15.07
7/31/2010 20:00	8984	12.83	188.5	10.45	22.47	8.38	196.6	15.63	17.1	93.2	93.6	28.97	38	0	247.6	26.38	5.872	-0.032	13.29
7/31/2010 21:00	8985	7.839	196.9	9.48	18.89	4.695	203.6	13.73	13.52	90.6	89.7	31.1	41.75	0	53.49	26.37	5.85	-0.022	13.31

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/31/2010 22:00	8986	2.11	180.3	47.1	4.578	1.269	87.3	26.38	4.578	85	82.5	37.27	51.28	0	0.098	26.37	5.832	-0.018	12.62
7/31/2010 23:00	8987	5.526	121.2	22.43	8.16	2.556	94.3	16.21	4.578	82.1	78.24	43.83	62.21	0	0.014	26.37	5.82	-0.012	12.22
8/1/2010 0:00	8988	8.15	146.4	7.341	13.52	3.946	140.8	20.76	8.16	81.3	78.35	47.56	63.86	0	0.01	26.38	5.814	-0.006	14.34
8/1/2010 1:00	8989	8.17	184	17.59	17.1	4.376	188.1	22.67	8.16	78.16	76.73	53.37	68.01	0	0.01	26.38	5.808	-0.006	12.29
8/1/2010 2:00	8990	5.714	177.5	15.51	8.16	2.126	162.3	21.37	4.578	74.36	72.48	61.99	78.98	0	0.005	26.37	5.798	-0.01	12.22
8/1/2010 3:00	8991	3.081	172.9	18.95	8.16	1.198	107.6	19.07	2.789	70.6	71.1	68.19	85.5	0	0.002	26.36	5.796	-0.002	14.22
8/1/2010 4:00	8992	2.129	187.2	29.17	4.578	0.364	69.43	3.295	2.789	69.69	70.78	70.41	87.8	0	0	26.36	5.793	-0.003	12.56
8/1/2010 5:00	8993	1.527	223.6	7.768	4.578	0	0	0	0	68	68.75	74.62	92.3	0	0	26.34	5.79	-0.003	12.27
8/1/2010 6:00	8994	2.912	232.3	10.48	6.368	0.637	107.7	24.66	2.789	67.51	67.49	77.22	96.3	0	0	26.34	5.783	-0.006	13.85
8/1/2010 7:00	8995	2.345	211.1	10.71	4.578	1.653	140.9	17.56	2.789	66.33	65.87	79.88	99.3	0	0.217	26.34	5.78	-0.003	12.29
8/1/2010 8:00	8996	1.102	230.3	8.49	4.578	0.098	92.7	0.422	2.789	69.49	68.4	78.35	96.3	0	51.71	26.35	5.777	-0.003	12.19
8/1/2010 9:00	8997	4.861	221.1	18.26	9.95	3.741	229.1	16.94	8.16	75	75.84	69.42	81.6	0	234	26.39	5.776	-0.001	12.2
8/1/2010 10:00	8998	8.05	244.1	11.97	13.52	6.515	247	15.11	11.74	75.89	80.4	60.8	72.13	0	438	26.42	5.775	-0.001	12.33
8/1/2010 11:00	8999	8.37	236.7	15.24	13.52	6.703	241	17.55	11.74	80.4	85	51.87	62.1	0	624.9	26.44	5.774	-0.001	12.37
8/1/2010 12:00	9000	9.69	226.1	17.53	17.1	7.465	231.3	19.36	13.52	82.8	88.7	44.85	54.01	0	795	26.46	5.771	-0.003	12.15
8/1/2010 13:00	9001	9.58	222.1	21.72	18.89	7.311	227.3	25.81	15.31	85.4	92	39.1	47.5	0	914	26.47	5.758	-0.013	12.26
8/1/2010 14:00	9002	11.46	218.5	18.05	20.68	8.6	224.7	21.13	17.1	87.5	94.6	33.66	41.4	0	973	26.47	5.736	-0.022	12.33
8/1/2010 15:00	9003	12.26	209.5	22.22	22.47	8.96	215.8	25.1	18.89	89	96.4	31.4	38.67	0	971	26.47	5.714	-0.022	14.27
8/1/2010 16:00	9004	12.37	201.1	24.37	22.47	8.82	208.5	26.89	18.89	89.8	97	29.99	37.29	0	835	26.45	5.689	-0.025	12.35
8/1/2010 17:00	9005	11.55	213	19.98	27.84	8.44	219.7	21.2	26.05	91	97.6	28.13	35.57	0	767.7	26.44	5.644	-0.044	14.2
8/1/2010 18:00	9006	10.96	190.6	20.23	22.47	7.496	198.6	23.2	15.31	90.8	97.3	27.76	35.44	0	580.5	26.42	5.619	-0.025	14.05
8/1/2010 19:00	9007	9.8	208	19.11	18.89	7.07	215	20.01	13.52	90.6	96.7	27.19	35.1	0	452	26.41	5.59	-0.029	12.3
8/1/2010 20:00	9008	10.22	228.1	12.54	18.89	7.518	233.2	14.47	17.1	89.7	94.8	25.32	33.95	0	242.9	26.4	5.571	-0.019	12.29
8/1/2010 21:00	9009	5.671	255	19.54	13.52	3.467	256	26.72	8.16	87.2	90.7	25.46	36.23	0	53.79	26.4	5.549	-0.022	12.24
8/1/2010 22:00	9010	2.816	310.4	18.21	6.368	1.504	7.324	35.73	4.578	88	84.2	31.44	47.27	0	0.113	26.39	5.521	-0.028	12.3
8/1/2010 23:00	9011	1.573	25.96	29.22	4.578	2.256	84.8	10.73	4.578	85.5	79.25	34.76	55.42	0	0.019	26.39	5.503	-0.018	13.52
8/2/2010 0:00	9012	6.198	140.7	13.33	15.31	2.973	123.2	22.06	8.16	80.1	76.25	42.12	61.98	0	0.005	26.39	5.494	-0.009	12.28
8/2/2010 1:00	9013	7.804	148.3	10.97	15.31	3.607	147.8	19.39	9.95	74.66	76.82	43.07	58.24	0	0.007	26.39	5.488	-0.006	12.21
8/2/2010 2:00	9014	6.944	171.6	10.3	11.74	3.111	175.5	17.94	6.368	70.97	73.95	45.63	60.38	0	0.004	26.4	5.472	-0.016	12.31
8/2/2010 3:00	9015	5.987	184.8	9.33	8.16	2.162	171.9	18.55	4.578	68.39	70.37	47.06	65.16	0	0.002	26.4	5.466	-0.006	12.24
8/2/2010 4:00	9016	4.079	190.3	13.6	6.368	0.958	161.2	13.81	2.789	67.34	69.69	48.43	65.61	0	0	26.39	5.46	-0.006	12.24
8/2/2010 5:00	9017	0.584	168.6	21.6	2.789	1.345	84.9	4.888	4.578	66.42	68.77	49.85	68.15	0	0.001	26.39	5.454	-0.006	12.24
8/2/2010 6:00	9018	3.102	150.6	14.86	6.368	1.701	87.6	13.58	4.578	66.92	68.05	48.94	68.86	0	0	26.38	5.447	-0.006	12.29
8/2/2010 7:00	9019	3.151	166.7	21.09	8.16	1.035	160.9	36.2	4.578	65.43	68.67	50.25	66.91	0	0.184	26.39	5.587	0.14	12.27
8/2/2010 8:00	9020	2.473	145.1	17.16	6.368	0.683	111.7	18.48	2.789	65.62	69.61	53.8	68.52	0	49.9	26.4	6.487	0.9	12.32
8/2/2010 9:00	9021	4.627	160.8	21.71	13.52	2.643	168.7	23.44	8.16	70.39	76.63	49.85	61.18	0	232.6	26.43	7.133	0.645	14.01
8/2/2010 10:00	9022	10.2	173.6	11.37	17.1	6.542	181.7	17.96	13.52	74.71	81.2	41.13	51.03	0	440.9	26.47	7.623	0.49	12.18
8/2/2010 11:00	9023	11.57	170.3	11.92	18.89	7.309	178	19.42	13.52	80.1	86.4	31.55	40.51	0	634	26.49	7.952	0.329	12.35
8/2/2010 12:00	9024	11.04	172.8	15.15	18.89	7.382	181.5	21.44	13.52	83.8	90.6	25.67	33.52	0	811	26.52	8.19	0.237	12.23
8/2/2010 13:00	9025	9.97	169.9	18.7	17.1	6.791	178.8	24.51	13.52	87.3	94.5	17.84	24.75	0	937	26.53	8.26	0.073	12.82
8/2/2010 14:00	9026	9.67	172.8	24.9	18.89	6.864	181.7	30.44	17.1	89.9	97.1	13.85	20.02	0	998	26.53	8.34	0.082	12.19
8/2/2010 15:00	9027	8.62	152	30.18	20.68	5.945	159.7	37.39	15.31	91.9	99.5	12.77	18.73	0	1002	26.51	8.38	0.038	12.32
8/2/2010 16:00	9028	10	141.4	23.54	18.89	6.685	147.3	30.83	15.31	93.1	100.5	11.49	17.36	0	946	26.51	8.4	0.013	12.27
8/2/2010 17:00	9029	9.57	148.2	34.14	17.1	6.57	153.9	40.82	13.52	93.5	100.7	10.58	16.42	0	831	26.5	8.4	0	12.35
8/2/2010 18:00	9030	9.05	185.1	18.92	18.89	6.323	192.3	24.5	17.1	93.9	100.1	10.52	16.32	0	666.7	26.49	8.4	0	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/2/2010 19:00	9031	8.39	166.9	20.28	18.89	5.55	174.8	26.77	17.1	93.2	99.2	10.09	16.3	0	469	26.48	8.4	0	13.21
8/2/2010 20:00	9032	9.15	155.9	12.7	15.31	5.35	164.1	20.23	9.95	91.6	96.4	11.55	18.79	0	254.4	26.48	8.4	0	13.11
8/2/2010 21:00	9033	8.46	136.8	6.779	15.31	4.082	139.1	16.96	9.95	85.7	88.1	19.23	28.84	0	53.15	26.47	8.4	0	13.13
8/2/2010 22:00	9034	8.91	136.4	6.362	13.52	4.092	137.3	16.59	8.16	82.3	79.47	28.59	40.45	0	0.088	26.46	8.4	0.002	12.87
8/2/2010 23:00	9035	8.92	142.5	6.725	13.52	4.4	144.3	15.17	8.16	78.97	76.92	32.66	44.21	0	0.008	26.45	8.39	-0.002	12.95
8/3/2010 0:00	9036	8.06	151	7.441	13.52	3.695	154.4	15.92	6.368	76.51	74.41	38.2	50.74	0	0.003	26.45	8.39	0	12.71
8/3/2010 1:00	9037	2.915	170.7	18.43	13.52	0.448	168.3	22.37	4.578	73.02	71.17	44.63	58.02	0	0.002	26.44	8.39	-0.002	12.81
8/3/2010 2:00	9038	4.33	163.5	10.76	8.16	0.645	173.6	7.016	2.789	72.3	69.77	46.11	60.97	0	0	26.44	8.39	-0.006	12.15
8/3/2010 3:00	9039	4.516	166.1	8.59	6.368	0.558	152.4	7.711	2.789	70.72	67.98	48.97	65.09	0	0	26.43	8.38	-0.003	12.18
8/3/2010 4:00	9040	5.333	145.4	7.782	9.95	1.674	117.4	12.96	4.578	69.58	66.45	51.62	69	0	0	26.42	8.38	0	12.38
8/3/2010 5:00	9041	5.722	145.3	5.33	8.16	1.894	111.5	5.76	4.578	69.4	65.64	52.41	71.21	0	0	26.42	8.38	-0.003	14.35
8/3/2010 6:00	9042	4.997	148.9	7.638	8.16	1.28	105.3	8.48	2.789	68.44	64.77	55.22	74.25	0	0	26.42	8.38	-0.002	12.32
8/3/2010 7:00	9043	3.648	170.9	15.68	6.368	0.488	113	5.019	2.789	68.51	65.42	56.76	74.74	0	0.207	26.42	8.37	-0.003	12.25
8/3/2010 8:00	9044	3.236	157.3	11.03	6.368	0.972	93.6	6.515	2.789	68.67	66.18	58.94	76.05	0	49.89	26.43	8.37	-0.001	12.29
8/3/2010 9:00	9045	6.888	161.8	11.64	13.52	4.21	170.4	17.4	9.95	73.46	74.3	56.81	68.11	0	236.8	26.46	8.37	-0.001	12.29
8/3/2010 10:00	9046	11.8	176.3	11.39	20.68	7.593	184.6	18.28	15.31	78.29	79.74	52.37	62.56	0	446.5	26.51	8.37	-0.002	12.25
8/3/2010 11:00	9047	13.23	169.9	12.86	20.68	8.39	178	19.15	17.1	83.2	85	45.04	54.21	0	638.6	26.53	8.37	0.002	12.16
8/3/2010 12:00	9048	10.87	176.2	15.99	17.1	7.451	183.5	21.59	13.52	86.7	88.8	38.7	46.86	0	811	26.56	8.37	-0.001	12.71
8/3/2010 13:00	9049	9.69	174.4	20.22	15.31	6.709	184.1	25.81	11.74	87.8	92.7	32.65	39.87	0	931	26.57	8.37	0	13.1
8/3/2010 14:00	9050	8.91	158.3	29.05	17.1	6.165	167.2	38.2	13.52	89.1	95.8	27.14	34.08	0	992	26.57	8.37	0	13.02
8/3/2010 15:00	9051	7.948	160.5	38.59	17.1	5.646	167.9	47.7	13.52	95.4	98.1	24.59	31.29	0	987	26.56	8.37	0	12.93
8/3/2010 16:00	9052	8.74	146.1	34.91	20.68	6.065	153.3	41.24	13.52	96.7	99.6	21.33	27.86	0	929	26.55	8.37	-0.006	13.02
8/3/2010 17:00	9053	9.46	122.9	28.49	18.89	6.332	129.9	35.2	13.52	93.1	99.7	19.38	26.11	0	814	26.53	8.35	-0.019	13.06
8/3/2010 18:00	9054	8.55	131.1	23.99	18.89	5.746	137.3	31.7	13.52	93.2	99.3	19.1	26.18	0	648.4	26.51	8.33	-0.019	12.95
8/3/2010 19:00	9055	8.64	128.2	18.44	15.31	5.614	133.1	27.39	11.74	92.3	98.1	19.48	27.02	0	451.5	26.51	8.31	-0.016	14.99
8/3/2010 20:00	9056	9.43	131.9	14.65	15.31	5.662	138.6	21.79	11.74	91	95.7	21.73	30.12	0	242.2	26.5	8.29	-0.019	13.23
8/3/2010 21:00	9057	7.214	143.2	7.637	11.74	3.447	142.1	17.61	8.16	86.3	89.2	29.42	40.5	0	47.54	26.49	8.28	-0.016	13.27
8/3/2010 22:00	9058	7.905	141.3	6.275	11.74	3.304	135	14.5	6.368	79.53	81.4	37.9	52.36	0	0.09	26.47	8.27	-0.011	12.87
8/3/2010 23:00	9059	8.68	150.9	8.13	13.52	4.321	154.5	16.53	8.16	76.72	80.2	43.54	56.42	0	0.01	26.46	8.25	-0.015	14.93
8/4/2010 0:00	9060	8.97	159.5	8.08	15.31	4.682	165.3	15.36	11.74	75.65	79.04	48.34	61.18	0	0.012	26.47	8.24	-0.016	12.18
8/4/2010 1:00	9061	8.27	169.7	7.918	15.31	4.462	177	16	8.16	72.53	75.91	56.25	70.4	0	0.005	26.46	8.23	-0.01	12.14
8/4/2010 2:00	9062	5.597	171.5	8.19	9.95	2.062	177.6	12.02	6.368	69.7	72.58	62.22	78.14	0	0.003	26.45	8.22	-0.006	12.23
8/4/2010 3:00	9063	4.851	172.6	13.66	9.95	1.557	156.4	10.36	4.578	69.83	70.63	64.33	81.9	0	0.001	26.43	8.21	-0.008	12.26
8/4/2010 4:00	9064	4.947	188	16.09	8.16	1.63	196.4	21.07	4.578	70.96	68.87	67.88	85.7	0	0.002	26.42	8.21	-0.006	12.21
8/4/2010 5:00	9065	4.173	166.5	22.1	8.16	0.943	128.9	39.9	4.578	68.51	67.06	71.86	90.4	0	0	26.4	8.2	-0.006	12.4
8/4/2010 6:00	9066	3.603	219.9	22.42	6.368	0.74	286.1	15.18	4.578	66.37	67.71	72.34	90.4	0	0	26.4	8.2	-0.003	12.16
8/4/2010 7:00	9067	3.461	181.5	16.24	6.368	0.461	131.8	13.33	2.789	65.81	67.15	74.3	93.1	0	0.187	26.4	8.19	-0.003	12.44
8/4/2010 8:00	9068	4.029	135.8	9.16	8.16	1.314	100.3	17.32	4.578	66.06	67.52	76.53	93.6	0	48.4	26.41	8.19	-0.006	13.18
8/4/2010 9:00	9069	7.998	147.3	10.9	13.52	4.84	152.7	19.74	11.74	71.55	75.24	69.38	81.9	0	233.6	26.44	8.19	-0.001	13.79
8/4/2010 10:00	9070	11.32	156.5	12.43	18.89	7.084	163.2	20.31	13.52	75.09	80.1	63.03	73.83	0	442.7	26.48	8.18	-0.011	12.27
8/4/2010 11:00	9071	8.77	153.6	20.75	15.31	5.957	163.3	27.23	11.74	81.1	84.3	56.22	65.85	0	634.4	26.51	8.15	-0.02	12.31
8/4/2010 12:00	9072	8.37	134.6	20.95	15.31	5.703	139.9	31.47	11.74	83	88.9	46.05	54.84	0	810	26.53	8.14	-0.013	12.19
8/4/2010 13:00	9073	7.693	140.9	24.43	17.1	5.303	145.6	33.74	13.52	89.6	93.2	38.24	46.18	0	926	26.55	8.13	-0.016	12.28
8/4/2010 14:00	9074	7.942	147.6	28.67	17.1	5.568	155.2	38.6	13.52	93.3	96.3	32.94	40.25	0	982	26.54	8.11	-0.016	12.3
8/4/2010 15:00	9075	7.727	120.1	44.25	22.47	5.479	126.6	52.54	17.1	95.6	98.7	26.26	33.47	0	986	26.53	8.09	-0.019	12.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/4/2010 16:00	9076	8.65	97.9	31.43	18.89	5.909	102.7	41.75	15.31	97.3	100.4	19.98	27.03	0	932	26.51	8.07	-0.016	13.17
8/4/2010 17:00	9077	9.04	87.5	27.94	18.89	6.136	88.3	35.38	13.52	97.5	100.2	19.2	26.27	0	811	26.49	8.05	-0.025	13.1
8/4/2010 18:00	9078	8.35	123.1	36.24	17.1	5.547	128.3	43.44	13.52	94.9	99.5	21.51	28.69	0	643.6	26.48	8.02	-0.032	13.86
8/4/2010 19:00	9079	10.02	124.3	18.67	20.68	6.307	129.5	27	13.52	92.8	97.8	22.93	30.76	0	446.3	26.47	7.993	-0.025	13.15
8/4/2010 20:00	9080	8.83	137.7	13.77	15.31	5.347	146	20.9	11.74	92.4	95.6	24.31	33	0	235.5	26.45	7.961	-0.032	13.12
8/4/2010 21:00	9081	6.966	121.7	9.59	11.74	3.524	123.3	17.19	8.16	90.7	89	29.96	41.85	0	43.22	26.44	7.942	-0.019	13.12
8/4/2010 22:00	9082	7.96	117.9	5.674	11.74	3.669	115.6	15.75	6.368	83.4	82.3	36.71	50.14	0	0.075	26.42	7.924	-0.017	13.18
8/4/2010 23:00	9083	7.471	115.4	11.6	11.74	3.478	108.2	19.35	6.368	78.38	79.35	43.24	57.27	0	0.011	26.42	7.903	-0.021	12.19
8/5/2010 0:00	9084	7.531	127.4	10.29	11.74	3.595	124.1	18.34	8.16	76.73	78.78	47.47	61.67	0	0.006	26.43	7.891	-0.013	12.19
8/5/2010 1:00	9085	8.48	150.1	8.36	17.1	4.439	153.9	16.24	11.74	75.06	78.07	52.5	66	0	0.011	26.43	7.878	-0.013	14.47
8/5/2010 2:00	9086	4.318	168.1	18.82	9.95	1.46	167.3	24.07	4.578	71.25	74.38	59.91	74.38	0	0.003	26.42	7.859	-0.019	12.28
8/5/2010 3:00	9087	4.214	146.5	13.87	6.368	1.125	102.3	12.67	2.789	69.81	72.18	64.42	80.6	0	0.001	26.41	7.85	-0.009	12.16
8/5/2010 4:00	9088	3.637	146.3	15.03	6.368	0.463	109.4	14.61	2.789	69.12	71.31	68.39	85.2	0	0	26.4	7.844	-0.006	12.39
8/5/2010 5:00	9089	2.783	154.5	18.41	8.16	0.25	173.6	4.515	2.789	70.58	70.42	71.44	88.7	0	0.001	26.39	7.838	-0.006	13.13
8/5/2010 6:00	9090	1.146	200.9	33.02	4.578	0.126	254.5	21.04	2.789	72.44	70.68	71.08	88.4	0	0	26.4	7.825	-0.013	12.29
8/5/2010 7:00	9091	0.431	167.8	11.14	4.578	0.062	83.4	0.591	2.789	72.43	70.59	71.27	88.6	0	0.112	26.4	7.819	-0.006	14.39
8/5/2010 8:00	9092	7.66	26.85	19.09	15.31	4.747	32.62	18.99	13.52	72.02	71.44	71.72	87	0	42.37	26.42	7.816	-0.003	12.2
8/5/2010 9:00	9093	8.96	20.93	9.92	15.31	5.811	24.85	13.82	11.74	74.65	75.62	68.66	81.3	0	215.6	26.46	7.811	-0.004	14.23
8/5/2010 10:00	9094	8.31	40.82	15.42	13.52	5.17	43.83	19.31	13.52	77.36	79.27	63.56	75.06	0	419.4	26.49	7.811	-0.001	12.19
8/5/2010 11:00	9095	5.874	28.48	27.63	9.95	4.073	28.53	33.67	8.16	82.1	84.4	55.07	65.78	0	608.7	26.51	7.809	-0.002	12.81
8/5/2010 12:00	9096	5.217	51.71	46.42	15.31	3.901	46.56	54.02	9.95	86.1	88.5	49.37	59.51	0	779.6	26.53	7.809	0	12.35
8/5/2010 13:00	9097	6.64	80.7	54.37	15.31	4.691	84.2	62.11	11.74	86.7	91.4	45.55	54.41	0	738.6	26.54	7.809	0	13.22
8/5/2010 14:00	9098	7.301	105	43.16	24.26	5.142	110.6	51.25	18.89	86.9	92.3	41.96	51.12	0	697.4	26.52	7.799	-0.01	12.44
8/5/2010 15:00	9099	8.58	128.9	32.85	22.47	5.985	135.9	41.73	18.89	90.2	96.7	35.62	42.79	0	1001	26.51	7.79	-0.01	13.03
8/5/2010 16:00	9100	8.76	125.2	46.01	18.89	6.041	131.9	54.04	13.52	92	97.4	32.33	39.81	0	776.2	26.49	7.783	-0.006	12.17
8/5/2010 17:00	9101	8.28	137.4	26.11	17.1	5.5	144.3	37.27	13.52	92.7	96.8	31.77	39.8	0	664	26.47	7.774	-0.01	13.19
8/5/2010 18:00	9102	9.51	124.2	22.91	18.89	6.319	129.1	30.7	15.31	92.4	97	30.69	38.72	0	579.7	26.45	7.752	-0.022	14.29
8/5/2010 19:00	9103	9.16	132.2	22.1	17.1	5.804	137.9	29.41	13.52	92.8	95	31.25	40.16	0	338.8	26.43	7.733	-0.019	14.89
8/5/2010 20:00	9104	10.2	149	13.79	18.89	6.031	156.5	20.79	13.52	91.7	93.7	31.7	41.04	0	210.9	26.41	7.717	-0.016	13.27
8/5/2010 21:00	9105	7.367	132.1	11.92	17.1	3.825	134.2	20.65	9.95	87.3	88.4	36.14	47.76	0	37.1	26.4	7.698	-0.019	12.95
8/5/2010 22:00	9106	6.997	111.9	6.904	9.95	3.193	107.1	15.28	6.368	80.8	82.3	40.85	55.02	0	0.06	26.4	7.687	-0.011	12.99
8/5/2010 23:00	9107	7.15	111.1	6.274	11.74	3.25	106.2	15.46	6.368	78.68	80.1	41.16	55.51	0	0.013	26.4	7.672	-0.015	12.31
8/6/2010 0:00	9108	6.91	111.7	20.34	9.95	3.424	108.2	24.04	6.368	77.71	79.48	43.16	56.45	0	0.008	26.4	7.662	-0.009	12.3
8/6/2010 1:00	9109	5.2	75.56	34.61	13.52	3.012	72.86	31.48	9.95	76.86	78.86	45.81	59.29	0	0.011	26.41	7.656	-0.006	12.25
8/6/2010 2:00	9110	2.326	75.5	58.71	6.368	1.819	89.6	32.22	6.368	76.59	77.32	46.31	61.97	0	0.004	26.41	7.647	-0.01	12.28
8/6/2010 3:00	9111	5.228	20.78	26.33	18.89	3.396	20.73	33.12	15.31	73.44	74.44	53.89	71.6	0	0.002	26.41	7.64	-0.006	12.88
8/6/2010 4:00	9112	13.68	22.82	14.23	24.26	8.44	26.47	16.13	18.89	70.62	75.07	67.3	80.2	0	0.007	26.42	7.631	-0.01	12.2
8/6/2010 5:00	9113	12.99	46.16	11.32	20.68	7.269	48.27	16.87	13.52	67.08	71.6	75.14	88.9	0	0.006	26.42	7.625	-0.006	12.18
8/6/2010 6:00	9114	11.72	53.8	9.45	18.89	7.08	58.4	16.44	15.31	64.82	69.34	79.79	94.2	0	0.002	26.42	7.619	-0.005	12.39
8/6/2010 7:00	9115	10.51	69.51	10.92	18.89	6.405	71.52	17.82	11.74	67.05	67.6	82	97	0	0.07	26.4	7.61	-0.009	12.41
8/6/2010 8:00	9116	10.96	81	10.84	17.1	6.833	83.2	19.06	11.74	67.6	67.63	81.9	96.6	0	40.12	26.4	7.597	-0.013	12.24
8/6/2010 9:00	9117	11.16	72.2	11.46	18.89	6.995	73.45	18.92	13.52	70.88	72.06	75.26	87.9	0	213.3	26.42	7.596	-0.001	12.29
8/6/2010 10:00	9118	10.72	93.6	14.77	17.1	7.006	95.2	23.36	13.52	76.66	78.6	63.37	74.62	0	416.2	26.45	7.595	-0.001	12.26
8/6/2010 11:00	9119	9.34	115.1	18.89	15.31	6.274	119.3	28.31	13.52	81.6	84	54.02	63.83	0	603.9	26.48	7.594	-0.001	12.16
8/6/2010 12:00	9120	7.61	144.7	28.09	20.68	5.371	151.3	36.16	17.1	85.3	87.8	47.88	56.4	0	772	26.52	7.593	-0.001	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/6/2010 13:00	9121	7.186	158.2	29.2	15.31	5.181	167.4	35.55	11.74	88.7	91.4	43.74	51.27	0	890	26.52	7.59	-0.003	12.96
8/6/2010 14:00	9122	7.7	156.5	39.7	15.31	5.571	165	47.04	13.52	89.5	93.4	41.19	48.6	0	865	26.52	7.581	-0.01	13.1
8/6/2010 15:00	9123	8.44	157.4	26.72	20.68	5.916	163.5	32.79	17.1	89.6	95.3	37.12	44.19	0	938	26.5	7.574	-0.006	12.97
8/6/2010 16:00	9124	7.619	160.6	48.7	17.1	5.567	167.2	52.77	11.74	91.5	95.4	32.69	40.25	0	620.5	26.49	7.555	-0.019	13.05
8/6/2010 17:00	9125	6.338	144.4	40.6	13.52	4.475	151.7	47.82	11.74	92.5	94.7	30.68	39.48	0	438.5	26.46	7.539	-0.016	14.14
8/6/2010 18:00	9126	5.818	117.2	32.82	11.74	4.203	119.4	41.35	9.95	94	96.1	29.75	38.53	0	532.6	26.43	7.533	-0.006	12.97
8/6/2010 19:00	9127	7.987	120.3	16.79	17.1	5.29	123.8	25.36	13.52	94.3	96.2	30.51	39.01	0	461.6	26.43	7.52	-0.013	13.13
8/6/2010 20:00	9128	6.639	109.6	13.01	11.74	4.097	112.5	21.17	8.16	92.2	92.1	32.43	43.06	0	119.9	26.41	7.501	-0.019	14.04
8/6/2010 21:00	9129	5.954	110.3	17.3	9.95	2.928	107.5	19.92	6.368	89.7	87.9	36.68	50.32	0	36.86	26.4	7.489	-0.013	12.22
8/6/2010 22:00	9130	7.192	77.61	8.18	11.74	3.776	76.69	15.63	8.16	85.5	83.6	41.58	55.02	0	0.057	26.39	7.471	-0.018	12.22
8/6/2010 23:00	9131	8.92	93.5	12.78	13.52	5.241	97.1	20.58	9.95	82	81.3	48.99	61.35	0	0.02	26.4	7.465	-0.006	12.35
8/7/2010 0:00	9132	7.833	90.2	8.18	11.74	4.542	93.3	15.92	8.16	80.3	79.42	52.98	66.22	0	0.014	26.4	7.459	-0.006	12.19
8/7/2010 1:00	9133	7.11	100	8.17	11.74	3.919	101.1	16.04	6.368	77	77.69	57.59	71.82	0	0.008	26.39	7.45	-0.009	14.14
8/7/2010 2:00	9134	6.318	111.9	9.07	9.95	3.076	107.7	17.18	6.368	72.63	74.6	62.73	78.61	0	0.003	26.38	7.44	-0.01	12.26
8/7/2010 3:00	9135	6.307	144.4	16.6	9.95	2.878	146	21.3	6.368	70.74	72.92	64.6	81.1	0	0.001	26.37	7.434	-0.006	12.26
8/7/2010 4:00	9136	5.275	173.3	16.57	8.16	1.801	173.6	22.15	4.578	68.98	71.01	64.37	82.2	0	0	26.35	7.426	-0.009	12.31
8/7/2010 5:00	9137	4.887	155.1	15.2	6.368	1.298	127.4	13.95	4.578	67.66	69.35	64.86	83.7	0	0.001	26.34	7.419	-0.006	12.24
8/7/2010 6:00	9138	2.487	117.8	32.93	6.368	1.199	71.81	12.65	4.578	68.7	70.82	63.98	80.3	0	0.001	26.33	7.413	-0.006	12.98
8/7/2010 7:00	9139	2.741	112.1	27.74	8.16	1.454	85.1	24.48	4.578	68.09	70.32	66.43	83.1	0	0.081	26.34	7.407	-0.006	12.31
8/7/2010 8:00	9140	5.133	66.96	11.31	8.16	3.048	63.13	11.64	4.578	68.37	70.5	67.45	84	0	36.37	26.34	7.404	-0.003	12.17
8/7/2010 9:00	9141	4.899	79.61	25.42	8.16	3.441	81.6	30.93	6.368	73.41	76.35	63.73	76.31	0	210	26.36	7.396	-0.008	14.19
8/7/2010 10:00	9142	8.27	158	17.84	15.31	5.427	167.1	25.01	11.74	76.4	81.8	54.5	64.86	0	415.3	26.4	7.395	-0.001	13.89
8/7/2010 11:00	9143	10.28	161.7	15.37	15.31	6.649	169.7	22.36	13.52	80.9	86.1	44.96	54.09	0	606.6	26.42	7.394	-0.001	12.46
8/7/2010 12:00	9144	9.59	161.9	17.13	17.1	6.444	170	24.43	13.52	85.6	91.1	32.95	41.09	0	775.9	26.44	7.394	0	12.18
8/7/2010 13:00	9145	11.62	162.8	20.01	20.68	7.65	171.2	26.85	17.1	91.3	94.6	27.97	35.17	0	899	26.45	7.394	0	12.21
8/7/2010 14:00	9146	11.42	163.8	19.94	20.68	7.502	171.1	25.93	17.1	93.9	96.8	26	32.69	0	962	26.44	7.39	-0.003	12.25
8/7/2010 15:00	9147	11.67	175.3	18.85	22.47	8.01	183.1	26.18	18.89	95.5	98.5	22.92	29.27	0	966	26.43	7.378	-0.013	12.3
8/7/2010 16:00	9148	11.28	175.2	18.97	22.47	7.665	183.8	25.47	18.89	96.3	99.2	21.4	27.6	0	907	26.41	7.368	-0.01	12.31
8/7/2010 17:00	9149	10.3	173.3	24.06	22.47	6.87	180.4	30.3	17.1	97.2	99.9	21.81	28.15	0	786.3	26.39	7.349	-0.019	12.32
8/7/2010 18:00	9150	11.22	173.8	17.35	22.47	7.434	182.6	23.91	17.1	97.2	99.4	21.31	28	0	629.3	26.38	7.337	-0.013	12.3
8/7/2010 19:00	9151	10.62	162.8	13.65	20.68	6.708	170.9	20.8	15.31	96.5	98	21.64	28.9	0	431.8	26.36	7.321	-0.016	12.89
8/7/2010 20:00	9152	10.61	150.5	14.63	18.89	6.321	158.4	22.09	15.31	95.3	95.9	23.29	31.46	0	221.1	26.35	7.305	-0.016	12.77
8/7/2010 21:00	9153	8.9	138.4	7.98	15.31	4.865	144.3	16.08	11.74	90.8	89.8	29.35	39.45	0	25.3	26.35	7.276	-0.029	13.06
8/7/2010 22:00	9154	7.89	141.7	7.258	11.74	3.83	143.9	15.23	8.16	85.2	83.4	36.4	48.21	0	0.064	26.34	7.265	-0.012	13.04
8/7/2010 23:00	9155	8.14	155.3	8.41	13.52	4.127	159	16.11	8.16	82.1	80.6	41.78	54.15	0	0.012	26.34	7.253	-0.012	12.89
8/8/2010 0:00	9156	9.93	160.9	9.29	15.31	5.584	167.5	17.19	9.95	81.8	80.7	43.87	55.89	0	0.008	26.35	7.244	-0.009	12.41
8/8/2010 1:00	9157	8.67	164.8	9.05	13.52	4.781	172.4	16.77	9.95	79.59	78.56	48	60.55	0	0.01	26.36	7.222	-0.022	12.23
8/8/2010 2:00	9158	6.63	161.7	9.1	9.95	2.984	164.6	15.84	6.368	76.72	74.91	52.61	67.47	0	0.006	26.36	7.215	-0.006	14.16
8/8/2010 3:00	9159	6.641	149.2	11.6	9.95	2.933	151	19.25	6.368	74.63	72.91	55.65	71.38	0	0.001	26.34	7.209	-0.006	12.39
8/8/2010 4:00	9160	6.392	157.2	10.3	9.95	2.485	156.9	18.26	4.578	70.54	71.42	58.65	75.26	0	0.001	26.32	7.204	-0.006	12.16
8/8/2010 5:00	9161	5.288	132.4	10.12	8.16	1.761	121.7	12.57	4.578	69.04	70.39	62.63	79.32	0	0.001	26.31	7.201	-0.003	12.39
8/8/2010 6:00	9162	4.73	125.8	22.07	8.16	1.697	90.7	12.49	4.578	67.61	69.07	66.19	83.2	0	0.001	26.3	7.191	-0.01	12.18
8/8/2010 7:00	9163	6.322	95.9	11.03	11.74	3.533	85.9	19.66	8.16	66.75	68.83	69.52	85.7	0	0.069	26.3	7.185	-0.006	12.37
8/8/2010 8:00	9164	7.041	115.3	12.03	11.74	3.966	114.3	21.29	8.16	67.63	70.08	71.62	86.8	0	38.53	26.3	7.182	-0.003	12.22
8/8/2010 9:00	9165	8.72	147.9	20.69	17.1	5.379	154.5	26.12	11.74	73.02	75.72	67.26	79.27	0	211.6	26.33	7.181	-0.001	12.84

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/8/2010 10:00	9166	10.72	175.1	12.72	17.1	6.919	182.5	19.32	13.52	76.65	80.4	61.9	72.29	0	415	26.37	7.179	-0.001	13.77
8/8/2010 11:00	9167	8.98	164.7	18.93	15.31	6.056	171.3	25.85	11.74	82.9	85	54.16	63.32	0	605.8	26.39	7.179	-0.001	13.03
8/8/2010 12:00	9168	7.71	169.7	24.74	13.52	5.533	178.3	31.44	9.95	87.1	89.5	46.94	54.98	0	779.2	26.42	7.178	0	12.24
8/8/2010 13:00	9169	7.409	141.8	31.94	17.1	5.147	149.3	40.7	11.74	90.5	93.3	41.23	49.06	0	783.9	26.43	7.178	0	12.19
8/8/2010 14:00	9170	8.04	142	32.38	17.1	5.515	147.4	40.81	13.52	93.6	96.9	34.8	41.82	0	962	26.42	7.175	-0.003	12.18
8/8/2010 15:00	9171	7.24	153.4	36.21	13.52	5.234	160.8	44.9	11.74	96.3	99.4	29.76	36.52	0	946	26.41	7.169	-0.006	13.08
8/8/2010 16:00	9172	6.811	164.8	42.05	17.1	4.997	176.3	50.96	15.31	98.7	101.4	27.04	33.68	0	875	26.38	7.162	-0.006	13.17
8/8/2010 17:00	9173	8.38	161.5	27.78	17.1	5.81	169.7	36.06	11.74	97.9	100.2	27.19	34.13	0	743.2	26.37	7.156	-0.006	14.75
8/8/2010 18:00	9174	8.62	123.5	49.31	18.89	6.041	129.9	56.25	15.31	99.2	101.8	24.81	31.66	0	748.1	26.36	7.146	-0.01	13.05
8/8/2010 19:00	9175	8.65	86.6	37	18.89	5.507	90.1	40.32	13.52	94.7	95.7	31.05	40.49	0	230.2	26.35	7.131	-0.016	13.15
8/8/2010 20:00	9176	14.41	323.3	50.62	34.99	10.68	326.2	50.69	29.63	80.5	82.2	53.69	67.73	0.36	22.59	26.37	7.106	-0.025	12.18
8/8/2010 21:00	9177	16.59	300.2	11.83	26.05	12.69	308.1	13.43	20.68	63.48	70.87	79.81	97.6	0.29	0.253	26.35	7.089	-0.017	12.22
8/8/2010 22:00	9178	14.74	319.8	42.6	24.26	10.37	325.1	43.92	20.68	66.92	70.01	80.3	98.5	0.28	0.001	26.36	7.087	-0.002	12.36
8/8/2010 23:00	9179	7.322	41.89	49.53	15.31	4.176	50.79	52.51	9.95	77.12	69.75	68.68	96.8	0.13	0.001	26.36	7.087	0	12.19
8/9/2010 0:00	9180	5.128	147.7	56.69	11.74	2.89	151	54.67	8.16	75.57	69.48	80.3	98.6	0.01	0.001	26.36	7.087	0	12.88
8/9/2010 1:00	9181	9.07	157.4	12.03	18.89	4.987	165.6	19.44	11.74	75.5	69.42	83.8	99.4	0.01	0	26.36	7.087	0	12.23
8/9/2010 2:00	9182	5.854	272.9	39.96	13.52	3.834	287.7	24.17	11.74	76.88	70.21	82.2	99.4	0.01	0.001	26.32	7.087	0	12.29
8/9/2010 3:00	9183	8.99	222.9	27.84	17.1	6.129	227.6	28.76	13.52	76.26	69.95	85	99.4	0	0.006	26.35	7.087	0	14.45
8/9/2010 4:00	9184	3.291	287.4	26.31	9.95	1.895	290.8	28.44	8.16	75.66	69.7	81.3	99.2	0	0.005	26.34	7.087	0	12.31
8/9/2010 5:00	9185	2.537	91.7	15.38	6.368	0.97	88.1	12.32	4.578	75.71	69.6	81.1	99.4	0	0.006	26.33	7.087	0	12.17
8/9/2010 6:00	9186	4.906	75.38	10.68	8.16	2.676	74.31	13.58	4.578	75.2	69.8	83.3	99.4	0	0.005	26.33	7.087	0	12.19
8/9/2010 7:00	9187	2.018	76.61	9.81	6.368	0.617	68.17	5.956	4.578	74.78	69.93	83.6	99.4	0	0.099	26.33	7.087	0	12.29
8/9/2010 8:00	9188	1.325	141.6	29.2	6.368	0.128	123.6	7.049	4.578	75.43	71.83	79.75	98.2	0	41.68	26.34	7.087	0	12.25
8/9/2010 9:00	9189	5.511	138.1	10.74	9.95	3.159	144.6	16.39	8.16	75.41	75.33	77.6	93	0	159.8	26.37	7.085	-0.001	12.49
8/9/2010 10:00	9190	8.6	150	11.75	15.31	5.501	157.5	20.06	11.74	76.02	78.91	72.62	86.2	0	372	26.4	7.084	-0.001	12.43
8/9/2010 11:00	9191	9.23	162.1	12.71	15.31	5.94	170.4	20.03	11.74	77.7	81.3	68.96	81.6	0	410.9	26.43	7.087	0.003	12.21
8/9/2010 12:00	9192	10.1	168.3	12.25	15.31	6.326	176.2	19.81	11.74	78.73	82.8	65.88	78.49	0	396.8	26.45	7.087	0	12.21
8/9/2010 13:00	9193	10.51	186.7	14.02	17.1	7.173	195.5	18.85	13.52	79.25	84	62.75	74.92	0	464.8	26.46	7.086	-0.001	13.7
8/9/2010 14:00	9194	9.13	189.9	12.91	13.52	6.252	198.1	17.19	9.95	76.76	80.8	65.55	79.28	0	221.5	26.46	7.087	0.001	12.25
8/9/2010 15:00	9195	9.11	187.7	16.67	15.31	6.561	196.1	21.55	11.74	79.43	84.5	60.47	71.96	0	779.3	26.44	7.086	-0.001	12.29
8/9/2010 16:00	9196	9.93	177.5	18.47	17.1	6.812	186.6	23.97	13.52	82.3	88.1	54.25	64.73	0	898	26.42	7.086	0	12.22
8/9/2010 17:00	9197	7.911	166.7	21.83	15.31	5.389	177.3	27.61	11.74	84.7	89.8	48.76	59.4	0	651.6	26.42	7.086	0	12.47
8/9/2010 18:00	9198	8.23	183.9	14.71	13.52	5.545	192.3	19.61	9.95	83.4	87.7	46.88	59.45	0	297.5	26.42	7.086	0	13.21
8/9/2010 19:00	9199	6.981	198.8	16.82	13.52	5.007	207.3	21.11	9.95	84	88.7	47.16	59.09	0	318.9	26.39	7.086	0	12.23
8/9/2010 20:00	9200	13.4	140.9	22.91	27.84	7.978	146.6	28.41	22.47	77.89	81.8	57.94	71.27	0	92.3	26.41	7.087	0.001	12.21
8/9/2010 21:00	9201	12.11	91.9	12.07	18.89	7.726	94.3	20.85	15.31	71.85	75.72	68.93	83	0	31.37	26.4	7.085	-0.002	12.29
8/9/2010 22:00	9202	7.828	96.8	11.83	13.52	4.862	99.2	20.48	9.95	68.25	71.91	75.93	91.8	0	0.024	26.39	7.082	-0.002	12.47
8/9/2010 23:00	9203	8.77	105.8	9.48	13.52	5.083	108.1	19.4	9.95	69.46	72.58	70.44	86.8	0	0	26.39	7.083	0.001	12.28
8/10/2010 0:00	9204	6.684	103.6	11.4	11.74	3.992	106.1	20.08	8.16	67.92	71.06	77.78	94	0	0.001	26.39	7.08	-0.003	12.23
8/10/2010 1:00	9205	7.563	101.2	10.69	11.74	4.528	104.7	19.96	8.16	67.24	70.16	81.8	98.5	0	0.001	26.39	7.077	-0.003	12.27
8/10/2010 2:00	9206	7.03	108.9	9.02	11.74	4.002	111.9	17.78	8.16	66.98	69.68	82.1	99.2	0	0	26.37	7.077	0	12.25
8/10/2010 3:00	9207	6.428	108.3	10.06	9.95	3.68	109.1	19.15	6.368	66.62	69.23	82.8	99.4	0	0	26.36	7.074	-0.003	12.17
8/10/2010 4:00	9208	5.93	112.2	11.48	9.95	3.439	113.2	19.32	6.368	65.77	68.47	86	99.4	0	0	26.36	7.074	0	12.31
8/10/2010 5:00	9209	5.761	111.1	9.95	8.16	3.22	109.1	18.15	6.368	65.69	67.81	86.7	99.4	0	0	26.35	7.071	-0.003	12.23
8/10/2010 6:00	9210	5.613	106.4	11.2	8.16	3.098	104.6	19.27	6.368	65.57	67.59	87.6	99.4	0	0	26.34	7.071	0	13.4

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/10/2010 7:00	9211	6.321	85.2	10.88	9.95	3.688	83.3	18.21	6.368	65.42	67.44	88.3	99.4	0	0.055	26.35	7.071	0	12.35
8/10/2010 8:00	9212	6.043	72.27	9.02	9.95	3.858	72.2	16.36	8.16	65.59	67.91	87.7	99.4	0	35.05	26.37	7.071	0	12.2
8/10/2010 9:00	9213	6.293	97.5	16	11.74	4.438	98.7	23.72	9.95	68.92	72.5	81.8	95.2	0	202.9	26.39	7.07	-0.001	12.37
8/10/2010 10:00	9214	9.44	156.7	25.06	15.31	6.133	163.6	31.94	11.74	73.12	77.27	73.08	84.8	0	408.4	26.42	7.072	0.002	13.19
8/10/2010 11:00	9215	9.4	176	14.52	15.31	6.364	184.1	21.69	11.74	76.72	80.8	68.8	79.77	0	597.5	26.45	7.072	0	12.39
8/10/2010 12:00	9216	7.373	196	17.05	13.52	5.542	204.6	22.08	11.74	81.1	84.9	59.7	70.76	0	768.9	26.48	7.07	-0.001	12.16
8/10/2010 13:00	9217	5.617	169.3	33.36	18.89	4.137	175.8	40.55	11.74	85.4	89.5	51.82	62.04	0	886	26.49	7.07	0	12.22
8/10/2010 14:00	9218	3.906	120.6	70.04	11.74	3.037	119.3	77.93	8.16	89.3	93	42.65	53.58	0	948	26.5	7.07	0	12.15
8/10/2010 15:00	9219	4.591	90.8	57.75	13.52	3.375	87.1	58.62	11.74	91.3	95.3	38.02	48.7	0	898	26.49	7.07	0	12.29
8/10/2010 16:00	9220	5.301	75.93	46.97	11.74	3.933	81.4	55.5	8.16	92.1	96.1	36	46.68	0	852	26.47	7.07	0	12.24
8/10/2010 17:00	9221	5.452	88.3	46.64	13.52	3.912	92.4	54.08	11.74	93.3	97.1	33.55	43.7	0	754.6	26.45	7.07	0	12.23
8/10/2010 18:00	9222	8.14	113	25.72	17.1	5.244	117.9	33.84	13.52	91.9	94.5	35.55	46.64	0	431.6	26.44	7.07	0	12.3
8/10/2010 19:00	9223	7.069	130.5	23.58	11.74	4.45	134.1	30.95	9.95	91.2	93.2	36.34	47.95	0	297.5	26.42	7.07	0	12.21
8/10/2010 20:00	9224	5.727	139.3	27.79	11.74	3.425	144.4	31.77	8.16	91.5	93.3	36.51	48.37	0	216.8	26.42	7.07	0	12.22
8/10/2010 21:00	9225	5.119	85.7	25.5	9.95	1.481	88.6	15.78	4.578	86.6	86.5	47.06	64.2	0	14.86	26.42	7.067	-0.003	12.23
8/10/2010 22:00	9226	6.976	60.46	7.362	9.95	3.896	60.62	13.2	6.368	81.6	81.7	57.83	74.77	0	0.031	26.42	7.062	-0.005	12.49
8/10/2010 23:00	9227	8.79	19.44	34.37	20.68	5.902	23.86	37.48	15.31	80.4	81.4	57.58	72.28	0	0.008	26.42	7.059	-0.003	12.68
8/11/2010 0:00	9228	14.21	10.96	16.71	26.05	9.03	15.08	19.68	18.89	78.03	79.88	57.98	70.49	0	0.015	26.44	7.057	-0.003	12.37
8/11/2010 1:00	9229	10.6	68.54	31.82	27.84	6.267	71.59	35.31	17.1	77.05	78.54	62.9	76.79	0	0.01	26.43	7.053	-0.003	14.15
8/11/2010 2:00	9230	7.27	100.2	16.8	17.1	4.289	104	23.09	11.74	74.91	76.21	69.77	85	0	0.008	26.41	7.05	-0.003	12.19
8/11/2010 3:00	9231	6.075	174.2	13.41	8.16	2.866	182.2	18.09	4.578	74.14	74.67	71.17	89.2	0	0.004	26.39	7.047	-0.003	13.42
8/11/2010 4:00	9232	5.888	178.2	9.52	9.95	2.506	174.4	17.81	6.368	73.2	73.06	71.1	90.9	0	0.002	26.38	7.044	-0.003	12.23
8/11/2010 5:00	9233	4.624	149.3	8.96	6.368	0.236	117.3	5.775	2.789	72.53	72.22	72.43	93.7	0	0.001	26.38	7.045	0	12.62
8/11/2010 6:00	9234	4.782	130.1	7.41	8.16	0.365	101.7	4.304	4.578	72.02	71.64	72.3	94.7	0	0	26.38	7.039	-0.006	12.38
8/11/2010 7:00	9235	4.235	125.9	8.37	6.368	0	0	0	0	70.33	70.92	73.61	95.4	0	0.063	26.38	7.039	0	12.31
8/11/2010 8:00	9236	3.812	138.8	13.7	6.368	0	0	0	0	70.43	72.18	72.99	92.5	0	34.34	26.39	7.039	0	14.14
8/11/2010 9:00	9237	5.214	171.5	13.86	9.95	2.899	185.8	15.37	8.16	73.73	78.34	68.8	81.9	0	200.7	26.42	7.038	-0.001	12.14
8/11/2010 10:00	9238	8.79	180.2	13.33	15.31	6.006	188.8	19.19	13.52	76.35	81.8	63.75	75.54	0	401.1	26.46	7.037	-0.001	12.24
8/11/2010 11:00	9239	8.88	174.9	13.92	15.31	5.948	181.9	21.07	11.74	79.32	85.2	58.87	69.92	0	590.2	26.49	7.036	-0.001	12.26
8/11/2010 12:00	9240	8.27	177.6	19.95	15.31	5.806	187.5	25.27	11.74	82.1	88.5	52.02	62.26	0	759	26.51	7.039	0.003	12.27
8/11/2010 13:00	9241	7.517	171.5	29.86	13.52	5.316	181.9	33.14	11.74	84.7	91.8	46.05	55.88	0	881	26.52	7.039	0	13.82
8/11/2010 14:00	9242	6.84	156.7	40.6	13.52	4.918	166	46.12	11.74	86.8	94.5	41.06	50.97	0	941	26.51	7.039	0	12.26
8/11/2010 15:00	9243	6.425	140.1	43.5	15.31	4.324	144.4	45.44	9.95	86.1	93.2	40.46	51.36	0	489.9	26.49	7.039	0	13.69
8/11/2010 16:00	9244	9.2	154.2	53.32	22.47	5.821	163.6	52.54	13.52	84.9	90.5	43.25	55.14	0	474.1	26.46	7.039	0	14.46
8/11/2010 17:00	9245	7.104	153.8	26.98	15.31	4.882	160	37.41	11.74	89.7	96.1	36.78	46.47	0	823	26.44	7.039	0	13.1
8/11/2010 18:00	9246	6.351	138.3	37.87	13.52	4.311	145.6	44.04	9.95	91.7	95	37.16	47.99	0	453.8	26.44	7.035	-0.003	13.04
8/11/2010 19:00	9247	6.401	105.8	33.74	13.52	4.393	110.3	38.33	13.52	92.5	92.4	39.73	53.33	0.02	327	26.43	7.029	-0.006	12.21
8/11/2010 20:00	9248	13.51	161	15.91	36.78	7.761	168.5	21.96	22.47	76.83	75.82	68.29	86.8	0	50.22	26.41	7.012	-0.017	13.93
8/11/2010 21:00	9249	3.826	87.9	42.5	8.16	2.361	85	41.07	6.368	76.85	76.17	72.13	90.5	0	8.14	26.37	7.009	-0.002	12.26
8/11/2010 22:00	9250	6.429	77.03	12.01	11.74	3.735	76.98	16.67	8.16	75.33	74.46	75.16	93.4	0	0.01	26.37	7.003	-0.006	12.99
8/11/2010 23:00	9251	6.137	101.3	43	11.74	3.349	92.7	46.37	8.16	74.61	73.38	72.58	92.3	0	0.008	26.38	7	-0.003	12.26
8/12/2010 0:00	9252	6.049	94.4	7.779	9.95	3.214	84.1	14.94	6.368	75.09	72.94	69.86	92.1	0	0.003	26.37	6.997	-0.003	14.37
8/12/2010 1:00	9253	5.816	99.7	10.08	9.95	2.696	88	12.01	6.368	74.82	72.57	70.98	93.1	0	0.005	26.37	6.994	-0.003	12.46
8/12/2010 2:00	9254	6.364	96.7	10.08	8.16	3.186	92.7	17.1	6.368	74.21	72.25	73.09	94	0	0.002	26.36	6.985	-0.01	13.13
8/12/2010 3:00	9255	5.659	76.75	13.09	8.16	2.997	71.52	15.64	4.578	73.39	72.02	75.45	95	0	0.002	26.36	6.985	0	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/12/2010 4:00	9256	6.209	104.3	10.52	9.95	3.072	97.2	16.08	6.368	70.82	71.25	75.31	95.6	0	0.001	26.35	6.985	0	12.17
8/12/2010 5:00	9257	6.259	113.1	7.632	9.95	3.046	107.9	16.57	6.368	70.13	71.09	76.52	95.8	0	0.002	26.34	6.982	-0.003	12.15
8/12/2010 6:00	9258	6.104	115.4	7.054	9.95	2.67	109	15.56	6.368	69.09	70.01	78.44	98.2	0	0.001	26.34	6.982	0	12.22
8/12/2010 7:00	9259	5.19	118.3	7.585	8.16	2.005	95.4	14.43	4.578	68.7	69.2	78.36	99.5	0	0.068	26.34	6.979	-0.003	12.16
8/12/2010 8:00	9260	5.25	133	9.4	8.16	2.082	125.6	17	4.578	69.29	70.31	76.47	96.7	0	33.65	26.35	6.976	-0.003	13.05
8/12/2010 9:00	9261	6.594	156	12.46	11.74	4.013	163.3	19.43	8.16	72.25	76.07	71.58	85.5	0	200.7	26.37	6.975	-0.001	13.96
8/12/2010 10:00	9262	8.44	171.9	14.43	13.52	5.681	180.3	20.82	9.95	76.3	80.5	65.04	77.64	0	403.7	26.4	6.977	0.002	12.29
8/12/2010 11:00	9263	9.33	182.6	13.84	13.52	6.369	191.1	19.49	11.74	80.5	84.5	57.17	69.17	0	591.7	26.43	6.976	-0.001	13.59
8/12/2010 12:00	9264	9.35	181.6	16.87	17.1	6.49	190.8	21.95	13.52	86.9	88.7	48.21	59.1	0	760.9	26.45	6.975	0	14.3
8/12/2010 13:00	9265	10.76	173	18.02	18.89	7.152	181.7	24.27	15.31	89.3	91.2	42.33	52.43	0	881	26.46	6.975	0	12.16
8/12/2010 14:00	9266	10.17	156.1	18.22	18.89	6.612	162.9	24.46	13.52	91.1	93.5	38.23	47.89	0	945	26.45	6.975	0	12.23
8/12/2010 15:00	9267	9.09	159.4	25.1	18.89	6.206	167	31.92	13.52	92.4	94.8	35.71	44.92	0	944	26.44	6.975	0	12.19
8/12/2010 16:00	9268	9.32	166.5	23.2	18.89	6.224	174.7	28.12	13.52	93.4	95.6	34.61	43.65	0	899	26.42	6.975	0	12.24
8/12/2010 17:00	9269	10.21	160.2	23.32	20.68	6.75	169	29.75	17.1	93.7	95.7	33.61	42.77	0	783.5	26.4	6.975	0	12.32
8/12/2010 18:00	9270	9.16	163.7	21.04	17.1	5.956	171.9	27.41	11.74	93.9	95.4	33.18	42.69	0	584.4	26.37	6.975	0	12.31
8/12/2010 19:00	9271	8.19	154.8	19.88	13.52	5.382	163	26.81	11.74	93.6	94.6	33.28	43.44	0	411.4	26.35	6.969	-0.006	12.3
8/12/2010 20:00	9272	6.822	157	16.16	11.74	4.083	164.8	22.27	8.16	92.6	92.8	35.52	46.7	0	200.1	26.33	6.966	-0.003	12.3
8/12/2010 21:00	9273	6.207	124.9	8.03	9.95	2.621	113.4	18.52	6.368	87.9	85.2	42.2	60.18	0	17.21	26.32	6.96	-0.006	13.73
8/12/2010 22:00	9274	6.589	129.4	10.1	9.95	2.851	110.5	22.65	4.578	85.2	81.1	44.76	66.13	0	0.021	26.31	6.955	-0.005	12.16
8/12/2010 23:00	9275	8.77	139.4	9.2	15.31	4.418	141	18.58	9.95	81.5	79.63	54.53	70.81	0	0.012	26.3	6.949	-0.006	12.29
8/13/2010 0:00	9276	6.458	139.2	6.761	9.95	2.835	137.4	16.17	6.368	78.97	77.08	60.92	78.49	0	0.009	26.31	6.946	-0.003	12.24
8/13/2010 1:00	9277	6.573	146.7	7.968	13.52	2.684	143.3	15.87	6.368	76.65	74.6	66.44	85.4	0	0.003	26.3	6.943	-0.003	12.38
8/13/2010 2:00	9278	6.445	166.7	10.42	11.74	2.983	171.9	18.18	6.368	75.8	74.34	66.68	84.3	0	0.002	26.3	6.94	-0.003	12.15
8/13/2010 3:00	9279	3.763	169.4	16.2	6.368	0.779	141.5	18.05	2.789	73.82	72.2	69.85	89	0	0.001	26.29	6.937	-0.003	12.3
8/13/2010 4:00	9280	5.067	169.9	19.37	8.16	1.501	145.9	22.25	4.578	73.17	71.05	67.71	88.8	0	0.002	26.29	6.934	-0.002	14.35
8/13/2010 5:00	9281	7.812	158.7	8.78	11.74	3.885	164.6	17.01	8.16	72.47	70.89	67.53	85.9	0	0.001	26.28	6.931	-0.003	12.32
8/13/2010 6:00	9282	3.649	202.7	19.91	6.368	1.363	216.3	20.4	4.578	71.29	70.09	70.45	88.5	0	0	26.28	6.931	0	12.53
8/13/2010 7:00	9283	4.676	182.4	16.97	8.16	1.219	175.6	21.79	4.578	71.17	69.09	70.16	91	0	0.065	26.28	6.925	-0.006	12.25
8/13/2010 8:00	9284	3.976	172.6	14.77	8.16	0.483	145.1	10.27	4.578	70.68	69.1	71.12	90.4	0	31.68	26.28	6.925	0	12.21
8/13/2010 9:00	9285	4.54	202	18.62	9.95	3.115	209	20.38	8.16	74.53	75.45	65.25	77.86	0	196.7	26.31	6.927	0.002	12.54
8/13/2010 10:00	9286	9.03	208.3	14.44	17.1	6.486	214.9	17.1	13.52	78.24	79.47	57.28	68.94	0	400.2	26.34	6.926	-0.001	12.28
8/13/2010 11:00	9287	10.35	189.6	12.46	15.31	7.169	197	17.67	13.52	82.9	84.3	47.62	58.33	0	585.6	26.37	6.925	-0.001	12.17
8/13/2010 12:00	9288	10.92	177.8	14.84	17.1	7.217	184.7	21.47	13.52	86.8	88.7	43.06	52.84	0	753.4	26.39	6.925	0	12.17
8/13/2010 13:00	9289	11.5	177.9	13.82	20.68	7.731	187.1	19.8	15.31	89.8	91.9	36.91	46.13	0	881	26.4	6.925	0	12.33
8/13/2010 14:00	9290	9.87	171.1	18.58	17.1	6.847	180.5	25.25	13.52	92.1	94.2	32.47	40.95	0	941	26.39	6.925	0	12.31
8/13/2010 15:00	9291	8.72	170.4	21.74	18.89	6.113	178.7	29.03	13.52	94	96.1	31.29	39.31	0	943	26.38	6.925	0	12.33
8/13/2010 16:00	9292	6.744	158.1	35.53	13.52	4.849	165.8	43.23	11.74	95.9	98.1	29.25	37.12	0	882	26.37	6.925	0	12.32
8/13/2010 17:00	9293	7.856	162.7	30.37	20.68	5.53	171.4	37.91	18.89	95.9	97.9	29.32	37.39	0	764.5	26.36	6.925	0	12.2
8/13/2010 18:00	9294	9.12	153.9	27.24	18.89	6.067	163.4	33.94	15.31	95.9	97.5	28.72	37.31	0	597.8	26.34	6.918	-0.006	12.34
8/13/2010 19:00	9295	10.05	164.4	17.82	18.89	6.413	174	23.88	13.52	94.8	95.7	28.8	38.05	0	402.2	26.32	6.906	-0.013	12.21
8/13/2010 20:00	9296	7.663	170.2	13.67	13.52	4.668	178.8	18.65	9.95	93.4	93.6	31.17	41.3	0	193.7	26.31	6.899	-0.006	12.57
8/13/2010 21:00	9297	5.439	167.9	6.317	8.16	1.852	161.9	17.17	4.578	88.3	86	39.3	55.14	0	20.02	26.3	6.893	-0.006	12.32
8/13/2010 22:00	9298	4.691	138.5	11.08	6.368	1.898	89.4	9.4	4.578	85.9	82	40.73	60.28	0	0.02	26.31	6.885	-0.008	12.2
8/13/2010 23:00	9299	6.995	110.9	14.63	9.95	3.156	92	14.51	4.578	83.7	79.6	44.49	65.26	0	0.011	26.32	6.876	-0.009	12.26
8/14/2010 0:00	9300	7.428	126.3	6.563	9.95	3.095	106.9	16.12	6.368	81.5	77.78	46.49	66.15	0	0.008	26.32	6.873	-0.003	12.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/14/2010 1:00	9301	4.505	179.9	36.98	8.16	1.392	167.8	49	4.578	79.51	76.5	50.48	69.69	0	0.004	26.31	6.867	-0.006	12.17
8/14/2010 2:00	9302	3.617	238.3	46.59	8.16	1.659	304.4	42.01	6.368	78.34	75.14	53	73.48	0	0.003	26.31	6.86	-0.006	12.2
8/14/2010 3:00	9303	7.2	173.8	8.99	11.74	3.28	175.8	15.09	8.16	76.11	73.67	57.58	75.95	0	0.002	26.29	6.857	-0.003	12.3
8/14/2010 4:00	9304	6.506	180.4	14.12	11.74	3.436	185.7	19.16	8.16	74.09	72.81	61.58	77.7	0	0.003	26.28	6.854	-0.003	12.19
8/14/2010 5:00	9305	4.293	220.8	12.42	8.16	1.59	234.4	21.58	4.578	74.41	72.37	60.73	79.08	0	0	26.29	6.855	0.001	12.29
8/14/2010 6:00	9306	2.859	229.2	12.04	4.578	0.373	266.6	4.468	2.789	73.69	71.78	61.69	80.6	0	0.001	26.29	6.852	-0.003	12.3
8/14/2010 7:00	9307	2.2	241.3	27.42	4.578	0.506	137.1	41.52	2.789	72.9	70.06	63.45	86.1	0	0.04	26.3	6.849	-0.003	12.42
8/14/2010 8:00	9308	2.887	180.3	14.88	4.578	0.979	112.3	10.79	4.578	73.34	70.05	62.96	85.3	0	30.9	26.31	6.846	-0.003	12.24
8/14/2010 9:00	9309	5.115	176.3	10.16	11.74	2.899	183.8	14.81	9.95	76.19	77.22	62.18	74.77	0	197.5	26.33	6.845	-0.001	13.16
8/14/2010 10:00	9310	11.31	175.7	10.85	17.1	7.333	184.9	17.95	13.52	79.44	80.8	59.39	70.75	0	401.7	26.38	6.847	0.002	12.31
8/14/2010 11:00	9311	12	176.6	11.2	18.89	7.776	184.7	18.46	13.52	83	84.7	55.09	65.45	0	592.4	26.41	6.846	-0.001	12.4
8/14/2010 12:00	9312	10.28	162.5	15.78	18.89	6.816	171.7	23.31	13.52	86.6	88.8	49.35	58.51	0	765.3	26.44	6.845	0	13.27
8/14/2010 13:00	9313	10.02	162.6	23.33	20.68	6.719	172.6	29.98	15.31	89.9	92.4	43.8	52.21	0	873	26.45	6.845	0	12.34
8/14/2010 14:00	9314	11.3	144	23.16	22.47	7.351	151.3	30.43	17.1	92.1	95	38	45.96	0	942	26.45	6.845	0	12.28
8/14/2010 15:00	9315	10.3	145.3	28.11	24.26	6.798	150.9	34.5	17.1	92.9	95.7	37.09	44.88	0	895	26.44	6.845	0	12.37
8/14/2010 16:00	9316	9.74	141.3	36	24.26	6.603	149.3	43.06	22.47	94.3	97.1	35.43	43.18	0	862	26.43	6.839	-0.006	12.25
8/14/2010 17:00	9317	10.11	98.2	17.24	18.89	7.029	101.7	27.4	13.52	95.1	97.6	30.99	39.34	0	726.3	26.42	6.836	-0.003	12.24
8/14/2010 18:00	9318	10.34	110.1	20.21	18.89	6.667	113	29.91	13.52	95.3	97.2	30.95	39.71	0	559.9	26.41	6.83	-0.006	12.37
8/14/2010 19:00	9319	10.58	126.8	14.85	17.1	6.54	132.7	22.91	13.52	94.2	95.2	32.8	42.21	0	388.1	26.41	6.82	-0.01	12.32
8/14/2010 20:00	9320	10.18	123.4	11.03	17.1	6.027	128.6	21.57	13.52	92.7	93.1	34.11	44.23	0	187.1	26.4	6.807	-0.013	12.3
8/14/2010 21:00	9321	6.736	120.3	6.499	11.74	3.305	121.1	13.31	8.16	88.1	86.5	39.64	52.94	0	22.45	26.4	6.798	-0.009	12.25
8/14/2010 22:00	9322	7.388	114.6	5.721	9.95	3.313	114.2	15.99	6.368	83.2	80.7	46.4	62.34	0	0.022	26.39	6.783	-0.015	12.18
8/14/2010 23:00	9323	7.685	123.3	7.456	11.74	3.688	122.1	16.31	6.368	81.7	79.87	49.38	64.33	0	0.011	26.39	6.778	-0.006	12.14
8/15/2010 0:00	9324	7.542	135.9	8.99	9.95	3.56	133.9	18.24	8.16	79.55	77.7	54.19	69.97	0	0.009	26.39	6.772	-0.006	12.39
8/15/2010 1:00	9325	8.17	157.8	10.15	13.52	4.165	162.9	18.1	8.16	78	76.76	58.95	74.1	0	0.007	26.39	6.768	-0.003	12.39
8/15/2010 2:00	9326	8.07	165.7	8.27	13.52	4.348	172.3	16.06	9.95	77.09	76.16	62.58	77.57	0	0.006	26.4	6.765	-0.003	12.28
8/15/2010 3:00	9327	3.222	171.8	14.89	8.16	0.485	175.3	6.8	4.578	75.16	73.62	67.16	84.3	0	0.003	26.4	6.759	-0.006	12.24
8/15/2010 4:00	9328	2.702	164.5	10.47	8.16	0.426	118.9	17.55	4.578	75.16	73.4	67.48	85.3	0	0.003	26.4	6.756	-0.003	12.28
8/15/2010 5:00	9329	4.418	151.9	7.65	6.368	0.999	106.2	8.35	2.789	74.58	71.95	69.7	89.5	0	0.001	26.4	6.754	-0.002	13.61
8/15/2010 6:00	9330	3.643	122.9	24.34	4.578	1.869	71.99	12.05	4.578	74.81	72.3	70.58	90	0	0.002	26.4	6.75	-0.003	12.7
8/15/2010 7:00	9331	5.196	87.9	9.37	8.16	2.975	71.13	14.02	4.578	74.14	72.02	73.24	92.3	0	0.041	26.41	6.747	-0.003	12.16
8/15/2010 8:00	9332	6.318	96.9	6.885	8.16	3.444	85.8	14.55	6.368	72.56	70.96	76.77	95.2	0	27.82	26.42	6.747	0	13.19
8/15/2010 9:00	9333	6.861	97.9	15.14	13.52	4.524	97.2	24.04	9.95	75.87	76.91	72.18	85.5	0	188.9	26.44	6.743	-0.004	14.03
8/15/2010 10:00	9334	10.72	132.4	15.32	18.89	6.75	138.6	24.01	15.31	79.31	81.1	67.8	79.15	0	391.2	26.48	6.745	0.002	12.47
8/15/2010 11:00	9335	9.63	127.6	17.71	17.1	6.233	132.7	27.37	11.74	82.1	84.4	63.44	73.68	0	558.9	26.51	6.744	-0.001	12.23
8/15/2010 12:00	9336	10.92	109	18.54	18.89	7.239	112.4	28.43	13.52	84.5	86.9	58.16	68.22	0	657	26.54	6.744	0	12.22
8/15/2010 13:00	9337	12.32	112.8	16.35	22.47	8.09	115.7	26.7	17.1	87.2	90.4	51.99	60.67	0	895	26.55	6.744	0	12.28
8/15/2010 14:00	9338	12.96	116	19.39	24.26	8.45	121	28.84	18.89	89.4	92.4	47.01	55.47	0	847	26.54	6.744	0	12.22
8/15/2010 15:00	9339	11.8	106.6	20.23	20.68	7.708	110.2	29.18	15.31	90.5	92.7	43.95	53.19	0	564.1	26.52	6.744	0	12.32
8/15/2010 16:00	9340	10.87	105.9	15.34	22.47	7.122	110.4	25.11	15.31	90.9	92.5	41.93	51.86	0	456.2	26.5	6.738	-0.006	12.21
8/15/2010 17:00	9341	11.59	89.8	17.03	20.68	7.527	91.4	25.26	17.1	92	93.6	40.64	50.41	0	437.4	26.48	6.734	-0.003	12.32
8/15/2010 18:00	9342	13.18	93.8	17	22.47	8.28	95.9	25.42	17.1	92	93.2	40.61	50.71	0	397	26.47	6.731	-0.003	12.57
8/15/2010 19:00	9343	14.46	92	13.96	26.05	8.99	94.5	22.4	20.68	91.8	92.5	41.36	51.86	0	285.1	26.47	6.722	-0.01	12.19
8/15/2010 20:00	9344	13.27	103.9	11.34	24.26	8.35	107.6	21.4	18.89	89.2	89.4	44.16	55.23	0	102.8	26.46	6.709	-0.013	12.17
8/15/2010 21:00	9345	9.53	89.9	9.4	15.31	6.13	92	18.64	11.74	86.7	86.3	49.06	61.2	0	29.82	26.46	6.706	-0.003	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/15/2010 22:00	9346	8.63	101.6	11.56	15.31	5.25	103.8	20.17	11.74	83.7	83.1	51.34	64.28	0	0.035	26.46	6.701	-0.006	13.55
8/15/2010 23:00	9347	6.567	93.5	8.1	9.95	3.724	92.9	16.02	8.16	80.4	79.67	55.52	69.58	0	0.023	26.46	6.695	-0.006	14.4
8/16/2010 0:00	9348	9.26	77.25	10.23	20.68	5.465	78.6	18.51	13.52	80.3	79.9	57.82	71.21	0	0.028	26.47	6.692	-0.003	12.5
8/16/2010 1:00	9349	8.75	93	9.93	18.89	5.542	95.4	19.04	13.52	79.32	78.98	60.91	74.57	0	0.025	26.48	6.689	-0.003	12.39
8/16/2010 2:00	9350	8.67	94.8	9.73	13.52	5.448	96.8	18.64	9.95	76.87	76.41	66.33	80.8	0	0.016	26.47	6.686	-0.003	12.4
8/16/2010 3:00	9351	7.505	90.1	13.43	11.74	4.519	89	20.56	8.16	74.9	74.37	71.43	86.6	0	0.007	26.46	6.673	-0.013	12.32
8/16/2010 4:00	9352	6.811	74.67	11.38	11.74	3.846	75.34	18.49	8.16	73.29	72.64	75.79	91.7	0	0.007	26.44	6.67	-0.003	14.38
8/16/2010 5:00	9353	6.613	66.23	11.48	9.95	3.734	62.54	17	6.368	72.34	71.65	78.16	94.4	0	0.002	26.44	6.668	-0.002	12.16
8/16/2010 6:00	9354	7.883	44.87	13.39	13.52	4.351	47.86	16.91	11.74	70.88	70.59	81.4	96.8	0	0.003	26.45	6.665	-0.003	12.25
8/16/2010 7:00	9355	7.756	51.13	10.81	11.74	4.586	54.53	16.05	9.95	70.61	70.3	82.2	97.9	0	0.018	26.46	6.659	-0.006	12.2
8/16/2010 8:00	9356	9.22	21.05	18.66	18.89	5.854	25.27	20.37	15.31	71.88	72	80.4	95	0	10.71	26.49	6.658	0	12.17
8/16/2010 9:00	9357	14.19	14.6	10.82	22.47	9.07	18.89	13.58	20.68	73.31	73.93	75.01	88.6	0	133.6	26.51	7.082	0.424	12.3
8/16/2010 10:00	9358	14.66	17.49	10.98	24.26	9.21	22.48	14.66	18.89	75.77	77.01	66.02	78.25	0	389.2	26.53	7.484	0.402	12.27
8/16/2010 11:00	9359	12.92	18.4	11.71	20.68	8.25	23.36	15.16	17.1	78.56	80	62.18	73.78	0	580.5	26.55	7.835	0.351	12.26
8/16/2010 12:00	9360	9.52	37.81	21.71	17.1	6.123	39.55	25.47	15.31	82.2	84.3	56.86	67.73	0	756.7	26.57	8.13	0.293	12.21
8/16/2010 13:00	9361	7.504	55.46	32.32	17.1	5.303	55.86	40.85	15.31	86.2	88.9	51.03	60.66	0	847	26.57	8.27	0.146	12.27
8/16/2010 14:00	9362	9.02	105.8	37.2	20.68	6.116	109	45.73	15.31	88.9	91.6	45.19	53.98	0	827	26.57	8.3	0.025	13.18
8/16/2010 15:00	9363	11.48	155.6	24.09	24.26	7.607	163.4	31.49	17.1	91.7	94.3	37	44.89	0	880	26.55	8.31	0.01	12.26
8/16/2010 16:00	9364	9.86	161.3	27	18.89	6.81	170.9	32.35	13.52	93.4	96.1	34.12	41.5	0	872	26.53	8.32	0.01	12.24
8/16/2010 17:00	9365	9.6	142.2	28.9	22.47	6.439	150.6	35.86	15.31	94.8	97.4	30.17	37.64	0	798.3	26.51	8.32	0.003	12.31
8/16/2010 18:00	9366	9.63	175.6	24.06	20.68	6.606	184.2	28.91	15.31	94.8	96.5	27.37	35.26	0	606.8	26.49	8.32	0	12.34
8/16/2010 19:00	9367	8.51	166	23.85	18.89	5.578	173.2	30.79	11.74	94.4	95.5	27.78	36.34	0	400	26.47	8.32	0	12.29
8/16/2010 20:00	9368	6.299	155.7	12.47	13.52	3.841	164.5	19.75	9.95	93.3	93.8	29.97	39.62	0	185.2	26.46	8.32	-0.003	12.18
8/16/2010 21:00	9369	5.757	131.7	5.999	8.16	2.491	117	18.01	6.368	89.7	86.9	34.7	50.64	0	19.61	26.45	8.32	0	12.31
8/16/2010 22:00	9370	5.206	147.6	9.07	8.16	2.335	102.3	7.497	4.578	87.3	82.1	35.6	55.46	0	0.023	26.44	8.32	0.002	14.06
8/16/2010 23:00	9371	6.049	110.1	35.47	9.95	2.813	82.5	19.44	6.368	83.2	79.37	42.06	60.03	0	0.019	26.44	8.32	0.001	12.17
8/17/2010 0:00	9372	8.75	90.6	8.96	15.31	4.786	89.3	17.02	9.95	80.8	78.64	47.65	62.82	0	0.011	26.43	8.32	0	12.37
8/17/2010 1:00	9373	8.69	77.93	10.76	15.31	4.842	77.39	18.28	8.16	79.4	78.1	53.38	67.64	0	0.013	26.44	8.32	-0.003	14.46
8/17/2010 2:00	9374	9.43	68.26	9.07	13.52	5.559	67.39	16.37	9.95	76.44	75.87	62.8	76.83	0	0.016	26.43	8.32	0	14.48
8/17/2010 3:00	9375	7.98	65.91	10.38	17.1	4.815	65.82	16.63	11.74	73.74	73.31	70.39	85.1	0	0.005	26.42	8.32	0	12.16
8/17/2010 4:00	9376	6.505	110.2	19.25	9.95	3.412	105.3	21.41	8.16	73.46	72.35	70.72	87.3	0	0.004	26.4	8.32	0	12.28
8/17/2010 5:00	9377	5.18	84	29.4	8.16	2.787	71.09	21.66	4.578	72.57	71.27	70.57	87.8	0	0.002	26.4	8.32	0.001	12.5
8/17/2010 6:00	9378	5.822	75.1	14.55	8.16	3.303	66.28	16.17	6.368	71.39	70.1	72.16	89.7	0	0.003	26.4	8.32	0	12.33
8/17/2010 7:00	9379	5.922	67.79	12.69	9.95	3.326	66.32	19.5	8.16	69.86	68.96	78.32	95	0	0.01	26.4	8.32	0	14.04
8/17/2010 8:00	9380	4.978	72.68	20.42	9.95	2.62	72.89	19.1	6.368	70.09	69.25	78.02	95	0	28.13	26.39	8.32	0	12.29
8/17/2010 9:00	9381	6.154	49.44	10.23	9.95	3.851	51.52	15.81	8.16	73.33	74.72	72.99	85.8	0	193.6	26.41	8.53	0.211	13.99
8/17/2010 10:00	9382	6.502	77.11	20.83	11.74	4.474	76.58	27.73	8.16	78.02	80.2	63.18	74.56	0	398.4	26.44	8.72	0.189	12.18
8/17/2010 11:00	9383	5.769	131.8	25.77	11.74	4.195	136	35.14	9.95	85.1	87.1	48.71	58.45	0	589.5	26.48	8.87	0.147	12.13
8/17/2010 12:00	9384	5.235	207.4	36.39	13.52	4.124	216.5	35.46	11.74	89.9	91.1	41.16	50.1	0	761.8	26.51	8.99	0.12	12.24
8/17/2010 13:00	9385	7.928	220.5	26.33	17.1	6.047	227.7	30.41	13.52	92.7	94.5	35.89	43.91	0	880	26.52	9.06	0.076	12.3
8/17/2010 14:00	9386	5.706	209.4	51.2	15.31	4.483	216.4	55.22	9.95	96.5	98.4	29.88	37.3	0	941	26.5	9.11	0.044	12.46
8/17/2010 15:00	9387	5.694	284.7	81.6	13.52	4.737	288.9	78.98	11.74	98.2	100	26.93	34.66	0	964	26.49	9.12	0.013	12.16
8/17/2010 16:00	9388	5.523	202.4	76.87	13.52	4.539	213.6	77.9	11.74	99.3	100.9	23.13	30.38	0	791.5	26.47	9.12	0	12.31
8/17/2010 17:00	9389	5.407	155.1	60.38	15.31	4.032	167.9	61.19	11.74	98.6	100	23.47	30.99	0	572.6	26.45	9.12	-0.003	12.15
8/17/2010 18:00	9390	7.462	188.1	33.65	18.89	5.424	195.2	36.25	13.52	98	99.2	23.85	31.51	0	484.8	26.43	9.12	0	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/17/2010 19:00	9391	4.656	180.2	41.33	13.52	3.445	188.5	41.51	9.95	98	98.7	23.16	31.28	0	286.8	26.43	9.11	-0.003	12.22
8/17/2010 20:00	9392	10.88	55.91	68.17	26.05	6.099	47.25	55.34	17.1	91.3	91.4	35.23	45.32	0	42.5	26.42	9.09	-0.022	12.3
8/17/2010 21:00	9393	14.77	20.9	31.34	24.26	9.02	23.46	31.79	18.89	84.9	85.1	45.6	56.16	0	6.789	26.42	9.07	-0.021	12.25
8/17/2010 22:00	9394	11.78	346.7	11.22	20.68	8.58	350.2	14.58	17.1	84.8	84.9	44.19	54.81	0	0.031	26.42	9.06	-0.016	12.16
8/17/2010 23:00	9395	11.46	25.08	13.03	20.68	7.06	29.9	14.06	15.31	83.8	83.9	45.61	56.22	0	0.04	26.43	9.04	-0.016	12.27
8/18/2010 0:00	9396	11.42	48.57	13.35	18.89	6.413	50.75	18.76	15.31	82.8	82.7	48.22	59.56	0	0.03	26.45	9.02	-0.019	12.23
8/18/2010 1:00	9397	11.59	55.11	12.93	22.47	7.062	58.27	18.81	15.31	81	81	52.38	64.09	0	0.019	26.47	9	-0.019	12.16
8/18/2010 2:00	9398	15.01	89.4	9.52	29.63	9.72	92.5	18.52	18.89	79.82	79.77	55.25	67.39	0	0.017	26.46	8.99	-0.012	12.17
8/18/2010 3:00	9399	15.59	89.3	10.04	27.84	9.96	92.4	19.39	20.68	76.35	76.38	67.57	80.9	0	0.015	26.45	8.97	-0.018	12.28
8/18/2010 4:00	9400	10.45	99.4	9.92	20.68	6.787	102.1	20.05	13.52	74.94	74.92	70.93	84.8	0	0.009	26.45	8.96	-0.013	13.41
8/18/2010 5:00	9401	9.48	111	9.57	15.31	5.882	115.2	20.32	11.74	75.04	75.02	70.9	84.9	0	0.01	26.45	8.95	-0.006	12.32
8/18/2010 6:00	9402	8.62	99.8	12.76	15.31	5.5	102.6	21.54	11.74	74.38	74.41	73.77	87.8	0	0.01	26.44	8.95	-0.006	14.01
8/18/2010 7:00	9403	6.839	100.9	13.19	9.95	4.267	102.9	21.04	8.16	73.4	73.29	76.86	91.5	0	0.014	26.44	8.93	-0.013	12.28
8/18/2010 8:00	9404	3.629	92.3	30.3	8.16	2.082	90	31.57	6.368	73.53	73.38	76.64	91.5	0	36.47	26.45	8.92	-0.009	12.38
8/18/2010 9:00	9405	5.557	174.6	24.98	9.95	3.868	182.8	27.81	8.16	75.94	76.78	71.94	84.4	0	150.1	26.46	8.92	-0.004	12.3
8/18/2010 10:00	9406	5.899	199.2	23.4	9.95	4.327	205.3	26.58	8.16	79.17	79.96	64.55	76.68	0	242.6	26.49	8.92	-0.001	12.46
8/18/2010 11:00	9407	4.258	359.8	39.07	8.16	3.367	3.788	45.82	8.16	84.6	86.3	55.28	66.47	0	571	26.53	8.92	-0.001	12.23
8/18/2010 12:00	9408	4.187	200.8	66.92	11.74	3.509	214.7	72.73	9.95	89.3	91	48.74	57.71	0	781.5	26.53	8.92	0	9.95
8/18/2010 13:00	9409	5.921	145.6	46.86	13.52	4.484	151.5	53.47	11.74	90.6	93.1	45.97	53.89	0	869	26.49	8.91	-0.003	12.24
8/18/2010 14:00	9410	7.079	153.5	41.34	17.1	5.321	162	49.12	13.52	92.2	95.1	41.99	49.21	0	933	26.56	8.91	-0.006	12.3
8/18/2010 15:00	9411	7.984	107	37.32	18.89	5.551	113.2	44.7	13.52	92.9	95.8	40.8	48.73	0	795.4	26.54	8.9	-0.013	14.58
8/18/2010 16:00	9412	15.5	122.2	21.41	36.78	9.82	128.4	28.72	24.26	88.9	91.5	48.25	56.64	0	511.5	26.52	8.87	-0.025	13.81
8/18/2010 17:00	9413	9.1	71.71	66.85	20.68	6.428	71.43	67.44	15.31	83.9	84.5	53.43	64.88	0	81.6	26.49	8.84	-0.034	12.3
8/18/2010 18:00	9414	5.74	283.9	21.2	15.31	4.829	289.7	24.81	11.74	80.8	81.6	62.56	74.17	0	78.51	26.46	8.82	-0.018	12.38
8/18/2010 19:00	9415	4.726	24.06	49.85	13.52	3.342	27.47	51.66	9.95	83.6	84.4	57.41	69.6	0	189.9	26.43	8.8	-0.019	12.45
8/18/2010 20:00	9416	5.396	73.57	12.06	13.52	3.553	76.65	17.98	9.95	84.5	84.7	53.8	66.55	0	62.89	26.44	8.79	-0.013	12.46
8/18/2010 21:00	9417	6.234	83.4	7.847	9.95	3.484	86.6	15.94	6.368	83.3	82.5	56.49	71.24	0	7.959	26.43	8.77	-0.019	12.46
8/18/2010 22:00	9418	7.802	109.5	18.35	17.1	4.233	109.6	25.55	11.74	82.5	81.2	54.72	70.22	0	0.02	26.44	8.76	-0.012	12.3
8/18/2010 23:00	9419	9.45	159.3	11.23	18.89	5.47	165.8	18.53	13.52	80.1	79.67	62.41	76.12	0	0.028	26.46	8.74	-0.012	12.44
8/19/2010 0:00	9420	4.439	176.8	14.05	8.16	1.406	183	14.38	4.578	76.54	75.6	68.08	83.9	0	0.011	26.45	8.74	-0.006	12.21
8/19/2010 1:00	9421	1.805	147.5	18.28	4.578	0.039	99.9	1.943	2.789	75.55	74.61	69.59	85.6	0	0.004	26.43	8.73	-0.009	12.43
8/19/2010 2:00	9422	1.273	129.6	11.33	4.578	0.001	55.8	0	2.789	74.46	72.99	71.29	88.5	0	0.004	26.41	8.72	-0.009	12.23
8/19/2010 3:00	9423	1.17	142.8	15.94	4.578	0.517	80.1	4.07	4.578	73.63	71.49	73.18	91.6	0	0.001	26.39	8.71	-0.009	12.43
8/19/2010 4:00	9424	1.14	157.5	14.18	4.578	0.349	82.4	3.644	4.578	72.95	70.97	75.43	93.1	0	0.001	26.37	8.71	-0.003	12.25
8/19/2010 5:00	9425	0.391	168.7	11.75	2.789	0.307	93.3	0.716	2.789	71.82	69.81	78.73	96.3	0	0.001	26.35	8.7	-0.006	12.32
8/19/2010 6:00	9426	1.89	222.4	33.21	4.578	0	0	0	0	71.14	68.27	80.2	98.8	0	0.001	26.35	8.69	-0.006	12.26
8/19/2010 7:00	9427	3.805	93.5	19.72	6.368	2.588	74.64	12.26	6.368	70.07	67.44	83.1	99.4	0	0.017	26.34	8.69	-0.003	12.16
8/19/2010 8:00	9428	5.524	65.85	11.01	8.16	3.286	64.25	15.48	6.368	68.67	67.94	86.4	99.4	0	26.3	26.35	8.69	-0.003	12.23
8/19/2010 9:00	9429	4.639	111.1	28.41	9.95	3.266	115.1	34.78	6.368	73.16	74.53	74.41	87.4	0	189.4	26.37	8.68	-0.004	14.58
8/19/2010 10:00	9430	8.18	174.1	15.8	13.52	5.683	182.8	21.75	11.74	78.5	80.3	63.37	74.01	0	395.5	26.4	8.69	0.002	12.29
8/19/2010 11:00	9431	7.378	181.7	18.32	13.52	5.383	190.2	23.47	9.95	83.1	84.9	56.3	66.01	0	588.1	26.43	8.68	-0.002	12.28
8/19/2010 12:00	9432	7.924	161.6	23.26	15.31	5.57	168.9	29.94	11.74	87.5	89.9	47.51	55.85	0	758.8	26.46	8.68	0	13.95
8/19/2010 13:00	9433	9.51	173.2	25.73	18.89	6.628	179.7	31.36	15.31	90.1	92.8	41.5	49.04	0	878	26.47	8.68	-0.003	12.23
8/19/2010 14:00	9434	9.39	186.5	24.71	20.68	6.738	196.7	29.52	13.52	92	94.6	36.13	43.34	0	925	26.46	8.67	-0.013	12.26
8/19/2010 15:00	9435	10.61	167.1	28.73	20.68	7.432	175.6	33.9	17.1	93.5	96.4	32.81	39.73	0	933	26.43	8.66	-0.01	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/19/2010 16:00	9436	11.07	182.7	24.48	24.26	7.728	191.2	27.79	17.1	94.4	96.8	28.74	35.73	0	890	26.41	8.64	-0.016	12.3
8/19/2010 17:00	9437	8.53	167.5	34.36	17.1	6.014	176	41.6	13.52	95.8	98.1	27.4	34.32	0	758.4	26.39	8.62	-0.022	12.25
8/19/2010 18:00	9438	7.868	157.9	27.06	18.89	5.568	165.4	33.73	13.52	95.1	96.6	28.45	36.35	0	471.8	26.37	8.59	-0.032	12.33
8/19/2010 19:00	9439	8.11	157.9	19.62	17.1	5.393	166.7	27.23	11.74	95.3	96.6	28.68	36.8	0	391.2	26.35	8.56	-0.025	12.35
8/19/2010 20:00	9440	7.73	162.6	12.91	13.52	4.539	169.1	18.47	9.95	92.8	92.6	31.25	41.15	0	90.2	26.33	8.53	-0.029	12.38
8/19/2010 21:00	9441	7.534	139.4	10.33	11.74	3.854	143	17.87	8.16	88.6	87.4	36.82	48.56	0	17.67	26.31	8.51	-0.021	12.49
8/19/2010 22:00	9442	7.416	137.9	8.3	11.74	3.742	140.3	17.01	8.16	85	83.5	41.9	54.56	0	0.033	26.31	8.49	-0.022	12.2
8/19/2010 23:00	9443	8.21	148.9	10.23	11.74	4.321	153.5	17.6	8.16	82.2	81.1	45.62	58.19	0	0.024	26.31	8.48	-0.016	13.88
8/20/2010 1:00	9444	9.98	164.3	11.13	42.15	5.634	170.7	18.36	26.05	81.1	80.2	49.76	62.58	0	0.017	26.31	8.45	-0.031	12.18
8/20/2010 2:00	9445	7.597	167.4	7.88	11.74	4.115	173.8	15.77	8.16	78.9	77.91	56.11	70.1	0	0.014	26.31	8.43	-0.016	12.17
8/20/2010 3:00	9446	6.061	167.9	9.25	9.95	2.725	171.8	16.33	6.368	76.45	75.12	61.09	76.57	0	0.007	26.29	8.42	-0.012	12.17
8/20/2010 4:00	9447	5.405	165.9	9.79	8.16	1.72	169.3	16.78	4.578	74.2	72.28	65.29	82.7	0	0.003	26.27	8.41	-0.009	12.32
8/20/2010 5:00	9448	4.871	155.3	8.56	8.16	1.298	147.2	11.06	4.578	73.25	71.27	67.23	85.2	0	0.003	26.25	8.4	-0.006	12.3
8/20/2010 6:00	9449	4.411	168.3	10.28	6.368	0.567	161.4	10.15	2.789	71.87	70.18	69.84	87.5	0	0.002	26.24	8.39	-0.009	13.03
8/20/2010 7:00	9450	4.239	158.2	9.68	6.368	0.33	155.7	7.159	2.789	71.05	69.31	71.55	89.7	0	0.009	26.24	8.39	-0.006	12.43
8/20/2010 8:00	9451	4.133	164.7	11.45	6.368	0.712	172.5	9.01	4.578	71.11	69.85	72.09	89.3	0	21.68	26.24	8.37	-0.019	12.33
8/20/2010 9:00	9452	8.65	163.1	11.22	17.1	5.367	170.8	18.71	13.52	75.42	76.38	65.55	77.68	0	188.3	26.26	8.36	-0.004	12.28
8/20/2010 10:00	9453	12.69	172.9	11.5	18.89	7.993	180.2	17.95	13.52	80.1	81.6	57.99	68.76	0	386.1	26.3	8.36	-0.001	12.33
8/20/2010 11:00	9454	11.54	179.9	14.12	18.89	7.672	188.8	20.34	15.31	84	86	52.62	61.92	0	571.9	26.34	8.36	-0.001	12.34
8/20/2010 12:00	9455	8.89	186.7	18.86	17.1	6.513	194.9	24.04	13.52	88.7	90.8	45.77	54.1	0	749.7	26.36	8.36	-0.003	12.21
8/20/2010 13:00	9456	7.29	213.5	27.34	13.52	5.82	221.4	30.4	11.74	93.4	95.3	38.5	46.33	0	882	26.37	8.35	-0.006	12.24
8/20/2010 14:00	9457	5.167	236.3	58.57	11.74	4.325	247.9	58.68	11.74	97.7	99.3	32.5	40.36	0	929	26.37	8.34	-0.01	12.28
8/20/2010 15:00	9458	5.378	230.1	43.72	13.52	4.546	239.3	47.34	11.74	99.9	101.2	29.52	37.1	0	944	26.36	8.33	-0.01	12.33
8/20/2010 16:00	9459	5.309	171.1	62.77	11.74	4.309	187.6	64.88	11.74	101	102.8	26.36	33.55	0	830	26.34	8.32	-0.013	12.68
8/20/2010 17:00	9460	6.617	138	36.84	17.1	4.586	147.2	42.04	13.52	97.6	98.9	30.22	38.72	0	238.7	26.32	8.29	-0.025	12.25
8/20/2010 18:00	9461	15.52	224.4	61.52	38.57	11.13	231.8	61.14	33.21	91.6	93	40.74	49.41	0	391.8	26.31	8.27	-0.025	13.21
8/20/2010 19:00	9462	17.54	53.31	37.19	51.1	10.55	56.31	40.59	42.15	79.59	79.59	51.2	64.44	0.01	34.51	26.32	8.24	-0.027	14.52
8/20/2010 20:00	9463	9.19	171.3	78.36	18.89	5.195	169.6	81.2	11.74	80.5	77.79	49.43	70.45	0	6.678	26.26	8.22	-0.021	12.43
8/20/2010 21:00	9464	10.58	67.61	55.2	22.47	6.039	66.2	42.63	17.1	77.53	75.92	63.58	84.2	0.02	2.705	26.28	8.21	-0.015	12.3
8/20/2010 22:00	9465	15.08	97.9	19.56	26.05	9.21	100.2	26.5	18.89	74.14	73.73	73.35	89.3	0	0.005	26.3	8.2	-0.006	12.45
8/20/2010 23:00	9466	10.4	162.6	27.66	24.26	6.184	167.6	31.82	17.1	74.97	74.43	67.02	82.9	0	0.006	26.31	8.19	-0.007	12.19
8/21/2010 1:00	9467	3.751	191.8	44.61	11.74	1.951	197.2	62.87	8.16	76.17	74.67	61.38	80.8	0	0.006	26.3	8.18	-0.013	12.38
8/21/2010 2:00	9468	4.596	185.2	43.18	8.16	1.319	163	51.51	4.578	73.51	71.55	69.34	90.3	0	0.003	26.3	8.17	-0.005	12.17
8/21/2010 3:00	9469	3.878	152.3	55.5	11.74	1.945	103.1	46.92	6.368	73.23	70.68	68.97	91.7	0	0.002	26.31	8.17	-0.006	14.04
8/21/2010 4:00	9470	2.134	198.9	23.46	4.578	0.036	42.38	9.24	2.789	72.16	70.04	73.35	93.7	0	0	26.3	8.16	-0.006	12.4
8/21/2010 5:00	9471	2.6	323.8	29.56	6.368	0.118	309.8	0.787	2.789	73.18	71.23	73.69	93.9	0	0.001	26.3	8.16	-0.006	12.23
8/21/2010 6:00	9472	1.808	25.85	8.64	8.16	0.203	35.16	3.255	4.578	73.21	70.24	74.98	97.7	0	0.002	26.2	8.15	-0.003	9.85
8/21/2010 7:00	9473	4.304	34.01	15.12	8.16	2.681	45.98	17.98	6.368	72.59	71.76	76.76	94.3	0	0.003	26.11	8.15	-0.003	9.69
8/21/2010 8:00	9474	6.615	60.09	10.42	9.95	4.14	62.62	17.54	8.16	70.85	70.68	81.8	97.8	0	5.899	26.1	8.15	-0.003	9.69
8/21/2010 9:00	9475	6.237	63.95	14.85	9.95	3.999	67.24	19.32	8.16	72.03	72.03	78.62	94.2	0	53.25	26.13	8.14	-0.007	9.73
8/21/2010 10:00	9476	6.794	109.1	14.46	13.52	4.535	110.7	24.4	9.95	76.22	76.85	68.14	82.6	0	234.4	26.18	8.14	-0.001	9.78
8/21/2010 11:00	9477	9.1	140.4	15.31	15.31	6.051	147.9	22.79	13.52	81.8	83.8	55.89	66.59	0	540.1	26.24	8.14	-0.002	9.83
8/21/2010 12:00	9478	8.66	150.3	19.35	15.31	6.01	158.5	27.79	13.52	85.9	88.5	50.69	59.45	0	745.7	26.3	8.14	-0.001	9.88
8/21/2010 13:00	9479	8.7	139.7	22.04	20.68	6.064	147.2	31	13.52	90.2	93.1	44.63	52.57	0	857	26.33	8.13	-0.003	9.92
8/21/2010 14:00	9480	10.34	112.3	25.87	20.68	6.983	115.6	34.98	15.31	92.7	96.4	39.62	46.95	0	928	26.34	8.13	-0.003	9.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/21/2010 15:00	9481	11.66	101	21.11	20.68	7.983	103.8	29.14	15.31	93.1	96.8	38.48	45.71	0	893	26.44	8.12	-0.006	12.9
8/21/2010 16:00	9482	11.59	97.8	17.93	20.68	7.836	99.6	27.6	15.31	93.6	97	36.45	43.79	0	861	26.48	8.11	-0.01	13.09
8/21/2010 17:00	9483	11.6	102.1	19.63	24.26	7.803	105.2	28.86	17.1	94.7	97.8	33.19	40.65	0	740.5	26.47	8.1	-0.013	13.1
8/21/2010 18:00	9484	11.56	113.2	19.86	24.26	7.713	119	28.93	17.1	94.8	97.1	30.94	38.8	0	571.9	26.45	8.09	-0.013	13.24
8/21/2010 19:00	9485	12.06	107.5	15.49	22.47	7.797	111.1	25.01	15.31	94.1	95.4	32.39	41.24	0	378	26.44	8.07	-0.016	13.29
8/21/2010 20:00	9486	9.79	117.9	10.58	20.68	5.99	122.4	20.55	15.31	92	91.9	34.49	44.69	0	89.4	26.44	8.05	-0.022	14.28
8/21/2010 21:00	9487	6.618	112.7	6.38	9.95	3.082	111.4	15.24	6.368	87.4	85.7	40.03	53.1	0	6.454	26.45	8.03	-0.015	13.29
8/21/2010 22:00	9488	7.184	100.3	13.39	11.74	3.698	99.6	20.54	6.368	84.1	82.2	45.42	59.36	0	0.016	26.45	8.02	-0.012	13.34
8/21/2010 23:00	9489	7.564	111.7	6.861	9.95	3.845	108.6	18.15	8.16	82.2	80.6	47.49	61.45	0	0.014	26.46	8.01	-0.009	13.42
8/22/2010 0:00	9490	7.871	117.2	8.45	11.74	4.073	115.5	18.67	8.16	79.78	78.27	50.87	65.17	0	0.014	26.46	8	-0.012	14.06
8/22/2010 1:00	9491	7.514	133	9.39	17.1	3.787	132.3	18.29	9.95	77.55	76.19	54.37	69.05	0	0.005	26.45	7.995	-0.006	15.1
8/22/2010 2:00	9492	6.585	143.6	5.917	9.95	2.798	136.2	14.26	4.578	75.91	73.85	55.4	71.92	0	0.002	26.45	7.989	-0.006	13.6
8/22/2010 3:00	9493	2.778	160.5	12.08	6.368	0.272	132.5	3.446	2.789	74.76	72.23	55.88	74.04	0	0.001	26.44	7.984	-0.005	12.79
8/22/2010 4:00	9494	1.806	110	17.92	6.368	1	70.47	6.597	4.578	73.58	72.09	57.29	72.84	0	0	26.42	7.981	-0.003	15.18
8/22/2010 5:00	9495	5.965	125.9	7.502	8.16	2.459	101.6	13.36	4.578	72.11	69.41	60.51	78.99	0	0.001	26.42	7.978	-0.003	13.55
8/22/2010 6:00	9496	8.16	129.3	7.465	11.74	3.913	126.1	18.8	8.16	72.19	70.05	61.35	78.92	0	0.001	26.42	7.974	-0.003	12.25
8/22/2010 7:00	9497	7.264	112.3	10.88	9.95	3.553	105.9	19.74	6.368	71.15	69.36	64.28	81.4	0	0.003	26.43	7.974	0	12.32
8/22/2010 8:00	9498	7.218	104.4	11.84	9.95	3.992	99.4	20.26	6.368	70.44	69.15	65.41	81.6	0	24.76	26.44	7.968	-0.006	12.25
8/22/2010 9:00	9499	6.962	104.4	22.82	13.52	4.514	104.4	31.04	9.95	73.95	75.29	62.98	74.79	0	193.2	26.46	7.964	-0.004	13.61
8/22/2010 10:00	9500	11.58	142	13.43	18.89	7.27	148.5	21.07	13.52	78.51	80.4	61.75	72	0	400	26.51	7.965	0.002	13.53
8/22/2010 11:00	9501	9.81	156.8	14.73	17.1	6.519	163.3	21.63	11.74	81.9	84.2	58.22	67.27	0	592.7	26.54	7.968	0.002	13.44
8/22/2010 12:00	9502	8.54	148	23.53	18.89	5.86	156.9	29.42	13.52	85.8	88.6	49.37	57.16	0	762.8	26.57	7.967	0	13.18
8/22/2010 13:00	9503	11.37	129.2	20.69	22.47	7.474	134.9	30.14	18.89	89.2	92.5	39.62	47.03	0	880	26.57	7.967	0	13.07
8/22/2010 14:00	9504	12.13	133.1	17.75	20.68	7.985	139.2	26.62	17.1	91.5	95.1	31.75	38.47	0	944	26.56	7.967	0	13.2
8/22/2010 15:00	9505	12.4	130.1	19.92	22.47	8.22	134.5	29.29	17.1	93.1	96.6	27.34	33.89	0	941	26.55	7.964	-0.003	14.89
8/22/2010 16:00	9506	11.78	130	19.77	26.05	7.732	135.2	29.38	26.05	94.6	98	26.41	32.89	0	875	26.53	7.961	-0.003	13.13
8/22/2010 17:00	9507	10.79	147.4	31.04	20.68	7.311	155.3	37.54	15.31	95.9	98.7	24.8	31.33	0	752.4	26.52	7.955	-0.006	13
8/22/2010 18:00	9508	10.32	147	23.29	20.68	6.807	153.3	30.02	15.31	95.8	98.1	26.67	33.76	0	559.9	26.51	7.942	-0.013	14.54
8/22/2010 19:00	9509	10.61	138.1	17.84	18.89	6.713	143.4	25.97	15.31	95.3	96.7	25.91	33.83	0	380.5	26.49	7.932	-0.01	13.15
8/22/2010 20:00	9510	9.76	140.7	13.46	15.31	5.944	147.7	21.21	11.74	93.8	94.2	27.13	35.85	0	170.1	26.47	7.923	-0.01	13.05
8/22/2010 21:00	9511	6.666	127.5	6.287	9.95	3.026	123	15.83	6.368	88.8	86.9	33.49	45.64	0	13.53	26.46	7.907	-0.015	12.97
8/22/2010 22:00	9512	7.027	113.3	8.39	9.95	3.106	97.6	14.09	4.578	83.9	80.8	40.99	55.92	0	0.016	26.44	7.902	-0.005	14.22
8/22/2010 23:00	9513	7.666	128.6	8.97	11.74	3.558	125.1	18.22	6.368	82.3	79.99	42.9	57.06	0	0.009	26.44	7.894	-0.009	15.03
8/23/2010 0:00	9514	7.299	139.1	6.779	9.95	3.162	135.1	14.83	6.368	79.48	77.14	46.6	61.52	0	0.012	26.44	7.884	-0.009	13.29
8/23/2010 1:00	9515	7.484	142.4	8.27	13.52	3.401	140.8	16.02	6.368	77.22	75.21	48.52	63.33	0	0.006	26.43	7.878	-0.006	13.51
8/23/2010 2:00	9516	6.527	162.6	11.19	13.52	2.843	165.4	16.15	8.16	75.19	73.72	50.03	64.09	0	0.004	26.42	7.872	-0.006	13.18
8/23/2010 3:00	9517	3.825	166.2	11.05	6.368	0.421	164.6	14.14	2.789	73.1	70.97	53.25	69.29	0	0.002	26.4	7.866	-0.005	13.22
8/23/2010 4:00	9518	3.776	157.7	14.58	6.368	0.85	102	10.09	4.578	72.49	70.27	54.15	70.57	0	0.001	26.39	7.863	-0.003	12.27
8/23/2010 5:00	9519	5.518	152.1	11.28	8.16	1.526	119	9.07	4.578	71.97	68.88	55.51	73.81	0	0.001	26.38	7.86	-0.003	13.42
8/23/2010 6:00	9520	6.614	139.7	8.96	9.95	2.633	122.2	13.64	4.578	71.87	68.85	56.56	75.1	0	0.001	26.38	7.857	-0.003	13.44
8/23/2010 7:00	9521	5.866	126	15.29	9.95	2.525	112.8	27.33	4.578	71.37	69	58.05	75.44	0	0.003	26.38	7.854	-0.003	13.54
8/23/2010 8:00	9522	3.898	91.1	14.73	6.368	2.41	66.78	7.144	4.578	71.31	69.77	59.01	74.9	0	25.05	26.39	7.851	-0.003	13.67
8/23/2010 9:00	9523	4.68	102.7	26.12	9.95	3.256	99.2	32.89	8.16	75.18	76.67	54.55	65.93	0	190.2	26.41	7.85	-0.001	14.33
8/23/2010 10:00	9524	9.59	149.7	14.05	17.1	6.027	156.2	21.88	13.52	81.3	83.1	45.53	54.97	0	394.1	26.45	7.848	-0.001	14.9
8/23/2010 11:00	9525	10.41	163.3	13.74	17.1	6.853	169.9	20.97	11.74	86.7	88.6	36.9	45.34	0	585.6	26.49	7.85	0.002	13.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/23/2010 12:00	9526	8.07	154.4	26.3	15.31	5.689	163.1	33.88	11.74	90.9	93.3	30.13	37.49	0	755.2	26.51	7.85	0	14.72
8/23/2010 13:00	9527	6.57	163.3	30.89	15.31	4.848	174.8	40.08	13.52	95.4	97.9	21.05	27.45	0	878	26.52	7.85	0	14.77
8/23/2010 14:00	9528	6.242	143.6	47.72	15.31	4.799	152.1	59.1	11.74	97.8	100.4	18.54	24.67	0	940	26.51	7.85	0	13.02
8/23/2010 15:00	9529	6.337	172.1	64.65	26.05	4.948	186.4	72.65	24.26	99.2	101.6	18.57	24.64	0	943	26.49	7.85	0	13
8/23/2010 16:00	9530	8.8	103.7	37.57	18.89	6.104	106.3	44.74	18.89	99	102.3	17.2	23.09	0	880	26.47	7.844	-0.006	13
8/23/2010 17:00	9531	7.7	113.5	58.8	17.1	5.537	116	65.83	15.31	99.2	101.7	16.9	23.03	0	756.5	26.45	7.837	-0.006	12.98
8/23/2010 18:00	9532	6.876	92.1	37.74	15.31	4.764	92	46.69	11.74	99.3	101.4	16.09	22.59	0	588	26.44	7.831	-0.006	13.04
8/23/2010 19:00	9533	6.575	98.4	38.73	13.52	4.403	98.9	43.64	9.95	98.3	99.2	16.21	23.4	0	329.4	26.43	7.818	-0.013	13.08
8/23/2010 20:00	9534	6.179	102.5	14.03	9.95	3.144	101.8	21.23	8.16	93	91.4	19.9	30.01	0	36.03	26.41	7.802	-0.016	13.12
8/23/2010 21:00	9535	4.665	41.85	42.64	9.95	2.686	41.66	42.86	6.368	88.9	87.1	26.95	38.48	0	5.587	26.38	7.788	-0.015	13.07
8/23/2010 22:00	9536	7.412	103.9	12.97	11.74	3.609	99.5	22.53	8.16	85.3	82.9	25.41	36.96	0	0.015	26.37	7.779	-0.009	13.26
8/23/2010 23:00	9537	4.229	322.6	68.06	8.16	2.223	327.3	57.47	6.368	82.8	79.52	29.05	41.99	0	0.008	26.38	7.773	-0.006	13.25
8/24/2010 0:00	9538	4.667	57.52	29.57	13.52	2.961	60.6	16.94	8.16	82.4	77.75	29.61	46.55	0	0.003	26.39	7.767	-0.006	14.5
8/24/2010 1:00	9539	1.501	90.8	11.73	4.578	1.424	71.75	18.74	4.578	81	75.47	27.98	50.28	0	0.004	26.38	7.757	-0.01	13.36
8/24/2010 2:00	9540	2.434	157.7	17.94	4.578	1.465	85	19.15	4.578	80.1	75.36	28.45	46.64	0	0.002	26.37	7.752	-0.006	13.38
8/24/2010 3:00	9541	2.091	233.5	59.69	4.578	0.842	0.753	40.87	2.789	78.64	74.81	31.22	48.12	0	0.003	26.37	7.746	-0.006	13.29
8/24/2010 4:00	9542	3.036	290	19.57	6.368	1.617	339.1	51.07	4.578	79.03	74.78	34.79	52.46	0	0.001	26.37	7.742	-0.004	13.37
8/24/2010 5:00	9543	10.35	340.2	20.33	18.89	6.93	344.8	21.49	15.31	78.38	77.37	43.38	55.35	0	0.003	26.4	7.739	-0.004	13.37
8/24/2010 6:00	9544	12.28	23.49	11.57	20.68	7.222	28.42	14.25	15.31	76.44	76.41	55.2	66.9	0	0.006	26.43	7.738	0	12.16
8/24/2010 7:00	9545	13.22	21.28	9.57	20.68	8.08	26.16	12.55	17.1	74.31	74.27	62.83	75.64	0	0.006	26.44	7.735	-0.003	15.02
8/24/2010 8:00	9546	13.78	23.75	9.35	22.47	8.26	27.86	12.41	18.89	73.38	73.4	65.34	78.39	0	23.83	26.45	7.732	-0.003	13.33
8/24/2010 9:00	9547	16.13	26.75	10.43	26.05	9.2	30.88	13.3	20.68	75.63	76.35	61.1	73.13	0	191.1	26.47	7.732	0	13.27
8/24/2010 10:00	9548	19.44	39.52	10.8	29.63	10.57	41.45	14.37	20.68	78.38	79.56	57.33	68.45	0	424.8	26.51	7.728	-0.004	13.25
8/24/2010 11:00	9549	18.89	41.03	11.46	29.63	10.39	42.86	15.15	20.68	79.51	80.9	58.06	68.9	0	536.1	26.54	7.728	0	13.41
8/24/2010 12:00	9550	19.48	28.4	13.47	29.63	11.51	31.71	15.91	27.84	82	83.7	54.92	64.89	0	709	26.57	7.723	-0.004	13.18
8/24/2010 13:00	9551	21.01	34.95	12.75	34.99	11.87	37.07	15.74	29.63	82.5	84.8	57.11	66.6	0	981	26.59	7.72	-0.003	14.06
8/24/2010 14:00	9552	21.28	36.55	13.33	33.21	12.17	38.82	16.78	27.84	82.3	84.5	55.87	65.41	0	698	26.6	7.714	-0.006	13.79
8/24/2010 15:00	9553	19.71	35.18	12.62	31.42	11.14	37.06	15.52	24.26	81.5	82.8	56.36	66.87	0	487.4	26.58	7.708	-0.006	13.29
8/24/2010 16:00	9554	21.82	33.44	12.98	33.21	12.5	35.95	15.42	26.05	82	84.1	54.81	64.26	0	761.4	26.57	7.701	-0.007	14.97
8/24/2010 17:00	9555	20.1	33.36	12.55	31.42	11.47	35.85	15.52	27.84	80.3	81.8	58.24	68.71	0	406.8	26.56	7.695	-0.006	14.02
8/24/2010 18:00	9556	18.8	28.87	12.39	29.63	11.07	31.76	15.1	22.47	78.18	79.11	61.28	72.65	0	202.5	26.55	7.683	-0.012	13.35
8/24/2010 19:00	9557	19.15	18.61	10.1	31.42	12.35	22.3	13.16	26.05	75.43	76.19	64.79	76.59	0	112.5	26.54	7.678	-0.006	13.35
8/24/2010 20:00	9558	17.62	20.5	9.98	27.84	10.97	25.34	13.4	24.26	74.39	74.88	66.71	79.08	0	37.09	26.54	7.672	-0.006	13.41
8/24/2010 21:00	9559	16.42	26.57	10.47	27.84	9.52	30.32	13.55	22.47	72.71	73.1	70.75	83.7	0	7.809	26.54	7.666	-0.006	13.22
8/24/2010 22:00	9560	13.91	31.45	10.97	22.47	7.76	35.24	13.36	17.1	72.09	72.35	69.92	83.1	0	0.004	26.56	7.656	-0.009	13.23
8/24/2010 23:00	9561	13.98	41.76	11.43	22.47	7.707	43.26	15.13	18.89	71.91	72.13	68.91	82.1	0	0.005	26.59	7.653	-0.003	12.63
8/25/2010 0:00	9562	16.08	36.71	9.84	27.84	8.89	38.36	13.66	18.89	71.37	71.62	66.36	79.37	0	0.005	26.61	7.647	-0.006	14.3
8/25/2010 1:00	9563	13.69	40.75	9.62	29.63	7.538	42.34	14.35	17.1	70.34	70.56	63.09	75.85	0	0.003	26.61	7.645	-0.002	12.58
8/25/2010 2:00	9564	12.54	40.79	8.43	18.89	6.866	41.68	13.1	15.31	70.46	70.61	53.49	65.46	0	0.002	26.6	7.641	-0.003	14.39
8/25/2010 3:00	9565	15.37	45.61	10.27	26.05	8.53	46.06	15.67	20.68	70.06	70.2	47.56	58.73	0	0.001	26.6	7.635	-0.006	12.32
8/25/2010 4:00	9566	14.28	38.52	11.06	24.26	7.918	39.44	14.13	17.1	68.2	68.42	51.32	62.57	0	0.002	26.59	7.629	-0.006	12.32
8/25/2010 5:00	9567	10.3	26.65	11.5	18.89	6.172	30.9	14.32	13.52	67.89	68.15	52.54	63.92	0	0	26.59	7.626	-0.003	12.15
8/25/2010 6:00	9568	9.72	30.53	14.01	17.1	5.787	34.26	16.09	13.52	67.06	67.31	53.63	65.18	0	0.001	26.59	7.619	-0.006	14.26
8/25/2010 7:00	9569	11.56	21.71	9.79	18.89	7.154	25.91	13.23	15.31	65.9	66.24	54.17	65.52	0	0.001	26.6	7.616	-0.003	12.32
8/25/2010 8:00	9570	11.41	27.93	10.66	20.68	6.559	31.48	13.52	15.31	64.9	65.15	58.04	69.92	0	9.96	26.6	7.61	-0.006	12.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/25/2010 9:00	9571	13.35	22.62	9.76	22.47	8.09	27.47	13.45	18.89	64.12	64.81	61.09	72.84	0	138.8	26.61	7.607	-0.003	12.34
8/25/2010 10:00	9572	16.91	38.94	11.06	26.05	9.41	40.44	14.67	18.89	66.04	67.41	58.99	69.88	0	394.2	26.63	7.603	-0.003	12.41
8/25/2010 11:00	9573	17.06	47.77	13.67	27.84	9.93	49.28	19.02	18.89	68.99	70.98	52.09	61.7	0	589.1	26.66	7.602	-0.001	12.21
8/25/2010 12:00	9574	15.7	40.75	13.84	26.05	8.89	42.39	17.28	18.89	71.37	73.61	46.94	55.93	0	757.8	26.68	7.598	-0.004	12.41
8/25/2010 13:00	9575	14.44	44.06	15.15	24.26	8.47	44.67	20.11	18.89	74.1	76.86	40.13	48.38	0	880	26.68	7.595	-0.003	12.31
8/25/2010 14:00	9576	12.39	30.31	16.97	22.47	7.81	31.52	19.58	20.68	76.68	79.49	33.57	41.32	0	949	26.68	7.59	-0.004	13.3
8/25/2010 15:00	9577	10.27	47.42	24.89	22.47	6.714	47.06	27.42	17.1	78.86	82.1	28.67	35.91	0	935	26.68	7.587	-0.003	13.26
8/25/2010 16:00	9578	9.13	33.52	32.83	18.89	6.368	33.17	35.18	17.1	80.5	83.4	26.93	34.06	0	874	26.67	7.584	-0.003	13.72
8/25/2010 17:00	9579	8.51	34.47	31.58	18.89	5.746	35.96	34.83	15.31	81.1	83.8	24.43	31.67	0	752.9	26.65	7.581	-0.003	13.25
8/25/2010 18:00	9580	9.48	30.26	22.83	18.89	6.188	32.22	27.83	15.31	81.3	83.4	21.09	28.28	0	587.2	26.64	7.574	-0.006	13.26
8/25/2010 19:00	9581	9.87	52.81	23.93	18.89	6.275	54.98	28	13.52	80.9	82.3	21.75	29.48	0	384	26.62	7.565	-0.01	13.39
8/25/2010 20:00	9582	9.37	57.89	11.29	15.31	5.837	60.68	18.47	11.74	79.46	80.1	23.81	32.3	0	169.9	26.61	7.55	-0.015	13.28
8/25/2010 21:00	9583	5.935	64.4	7.432	8.16	3.38	65.28	15.32	6.368	74.3	73.35	32.34	43.23	0	11.51	26.59	7.542	-0.009	14.75
8/25/2010 22:00	9584	6.586	54.93	7.57	9.95	3.912	62.76	13.55	8.16	68.92	67.65	39.13	51.08	0	0.002	26.58	7.514	-0.027	13.29
8/25/2010 23:00	9585	7.1	50.01	8.15	9.95	4.294	62.44	14.36	8.16	66.09	64.73	41.98	54.76	0	0	26.57	7.515	0	12.9
8/26/2010 0:00	9586	7.42	50.35	7.714	11.74	4.467	60.43	13.76	8.16	64.12	62.9	43.7	56.38	0	0	26.57	7.512	-0.003	13
8/26/2010 1:00	9587	7.664	47.54	8.9	15.31	4.324	57.35	15.71	8.16	63.12	61.77	44.42	57.35	0	0	26.56	7.506	-0.006	12.14
8/26/2010 2:00	9588	9.13	39.23	9.59	13.52	4.83	43.25	14.34	8.16	62.75	62.12	44.79	56.48	0	0	26.56	7.503	-0.003	12.22
8/26/2010 3:00	9589	8.49	42.99	8.61	13.52	4.545	47.92	14.64	8.16	61.47	60.63	46.6	58.96	0	0	26.56	7.503	0	12.21
8/26/2010 4:00	9590	7.822	42.39	8.56	11.74	4.041	48.24	14.48	8.16	60.41	59.03	48.2	61.82	0	0	26.54	7.497	-0.006	12.31
8/26/2010 5:00	9591	8.52	25.91	9.24	13.52	4.527	31.73	12.82	9.95	59.48	59.01	49.22	61.17	0	0	26.53	7.494	-0.003	12.13
8/26/2010 6:00	9592	9.11	23.38	7.772	13.52	4.969	28.9	11.88	9.95	59.48	59.15	48.64	60.28	0	0	26.53	7.494	0	12.34
8/26/2010 7:00	9593	8.66	24.2	8.51	13.52	4.584	31.02	12.48	9.95	58.97	58.65	49.33	60.97	0	0	26.54	7.491	-0.003	12.34
8/26/2010 8:00	9594	10.23	19.78	7.048	13.52	6.218	23.14	11.54	11.74	58.65	58.54	51.56	62.91	0	20.9	26.54	7.484	-0.006	12.13
8/26/2010 9:00	9595	9.37	25.79	10.66	13.52	5.291	31.6	13.46	9.95	61.34	62.5	51.75	61.92	0	189.3	26.56	7.483	-0.001	12.46
8/26/2010 10:00	9596	8.56	43.19	12.62	13.52	5.178	44.38	16.6	9.95	66.76	68.53	49.55	59.21	0	397.6	26.6	7.483	0	12.32
8/26/2010 11:00	9597	6.984	71.57	21.49	11.74	4.896	71.69	27.41	11.74	72.57	75.32	51.51	60.1	0	593.9	26.64	7.484	0.001	13.32
8/26/2010 12:00	9598	6.4	70.62	45.01	13.52	4.622	68.53	48.16	9.95	76.68	79.61	43.74	51.77	0	757.2	26.67	7.483	-0.001	13.24
8/26/2010 13:00	9599	6.027	59.43	71.77	15.31	4.774	56.92	74.5	13.52	79.05	81.2	35.42	43.74	0	802	26.68	7.482	0	14.5
8/26/2010 14:00	9600	5.393	57.83	48.56	15.31	4.226	56.31	55.88	11.74	81.7	84.3	34.32	42.22	0	946	26.67	7.482	0	14.79
8/26/2010 15:00	9601	5.205	33.54	63.75	17.1	4.187	27.65	66.57	13.52	82.7	85.1	36.19	44.35	0	786.4	26.66	7.482	0	14.29
8/26/2010 16:00	9602	6.084	73.17	56.56	13.52	4.379	73.16	59.71	11.74	83.2	85.5	35.48	43.39	0	678.3	26.63	7.479	-0.003	14.54
8/26/2010 17:00	9603	5.278	142.8	70.91	11.74	4.283	150.2	77.46	9.95	85.7	87.8	31.95	39.5	0	689	26.61	7.476	-0.003	13.3
8/26/2010 18:00	9604	4.695	136.6	55.25	13.52	3.589	140.8	63.51	9.95	85.1	86.9	31.62	39.43	0	490.2	26.6	7.466	-0.01	13.16
8/26/2010 19:00	9605	7.483	111.3	36.74	13.52	5.084	116.9	42.5	9.95	83.6	84.6	33.41	42.22	0	249.6	26.58	7.46	-0.006	13.24
8/26/2010 20:00	9606	7.323	107.3	15.6	13.52	4.719	111.5	24.32	9.95	82.3	82.6	35.16	45.07	0	138.6	26.55	7.448	-0.012	13.24
8/26/2010 21:00	9607	7.8	80.5	10.37	13.52	4.48	84	19.4	9.95	77.51	76.64	43.67	55.49	0	8.31	26.53	7.442	-0.006	14.58
8/26/2010 22:00	9608	8.82	79.94	8.76	13.52	5.017	81.3	18.1	9.95	73.89	72.96	48.78	61.31	0	0.007	26.51	7.431	-0.011	13.34
8/26/2010 23:00	9609	8.09	86.6	6.66	11.74	4.415	89.1	16.27	9.95	70.96	69.99	53.42	66.72	0	0.003	26.51	7.425	-0.005	14.22
8/27/2010 0:00	9610	7.17	91.6	5.236	9.95	3.868	91.4	14.55	6.368	68.23	66.86	58.42	73.26	0	0.001	26.51	7.42	-0.006	12.28
8/27/2010 1:00	9611	7.397	107.1	9.84	22.47	4.019	103.6	20.25	8.16	68.34	66.77	58.27	73.61	0	0.001	26.5	7.416	-0.003	12.49
8/27/2010 2:00	9612	7.844	128	7.804	11.74	4.118	127.8	18.25	8.16	67.46	66.58	62.7	77.07	0	0.001	26.49	7.41	-0.006	13.48
8/27/2010 3:00	9613	7.016	127.7	5.939	9.95	3.397	122.2	17.24	6.368	66.57	65.31	68.58	84.3	0	0	26.48	7.407	-0.003	12.23
8/27/2010 4:00	9614	6.454	128.5	5.332	9.95	2.913	120.5	16.08	4.578	65.43	63.99	74.11	90.7	0	0.001	26.47	7.4	-0.006	14.4
8/27/2010 5:00	9615	4.014	135.7	9.35	8.16	1.307	114.3	18.12	4.578	64.85	63.02	77.34	94.7	0	0	26.46	7.397	-0.003	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/27/2010 6:00	9616	1.342	143.2	17.83	2.789	0.001	214.3	0.001	2.789	64.12	62.73	79.37	96.6	0	0	26.45	7.395	-0.003	12.29
8/27/2010 7:00	9617	1.794	105.1	9.03	2.789	1.581	68.99	4.651	4.578	64.17	62.95	80.5	96.9	0	0	26.43	7.395	0	12.5
8/27/2010 8:00	9618	1.357	75.19	12.61	4.578	1.339	64.67	7.45	4.578	64.83	63.17	80	95.8	0	16.3	26.44	7.572	0.178	13.6
8/27/2010 9:00	9619	1.581	147.9	31.83	6.368	1.102	161.4	36.11	6.368	68.77	69.92	72.63	84.9	0	164.2	26.45	7.762	0.19	13.44
8/27/2010 10:00	9620	5.556	186	18.71	11.74	4.259	193.7	23.5	9.95	73.88	75.39	65.04	75.35	0	372.6	26.49	7.934	0.172	14.56
8/27/2010 11:00	9621	6.295	171.6	30.81	11.74	4.708	180.9	36.64	9.95	77.85	79.72	57.61	66.75	0	576.7	26.53	8.09	0.157	13.21
8/27/2010 12:00	9622	7.151	161.1	31.24	15.31	5.035	168.1	39.43	11.74	79.47	81.5	49.93	58.63	0	525.9	26.55	8.22	0.133	13.13
8/27/2010 13:00	9623	6.246	150.6	37.35	15.31	4.592	158.5	43.8	13.52	81.3	83.1	43.53	52.27	0	503.7	26.54	8.36	0.136	13.19
8/27/2010 14:00	9624	8.08	169.9	34.79	18.89	5.792	176.8	39.23	17.1	84.6	87.6	38.49	45.18	0	895	26.52	8.46	0.101	14.08
8/27/2010 15:00	9625	8.4	170.6	26.4	17.1	5.967	178.2	32.83	13.52	84.2	86.4	38.74	46.27	0	583.9	26.51	8.47	0.006	12.74
8/27/2010 16:00	9626	8.52	125.8	32.79	18.89	5.894	130.5	39.43	13.52	85.4	88	36.32	44.02	0	571.9	26.49	8.48	0.01	14.54
8/27/2010 17:00	9627	8.27	129.4	21.22	17.1	5.583	134.5	28.34	13.52	85.5	87.5	35.57	43.77	0	441	26.46	8.48	0.003	13.11
8/27/2010 18:00	9628	10.19	145.1	31.47	22.47	6.911	151.3	38.22	15.31	87	89.2	33.58	41.15	0	573.9	26.43	8.48	0	13.18
8/27/2010 19:00	9629	10.28	148.3	18.7	17.1	6.428	154.6	25.63	13.52	85	85.9	36.15	45.2	0	184.6	26.42	8.48	-0.003	13.16
8/27/2010 20:00	9630	7.648	157.8	15.12	13.52	4.568	164.4	20.76	9.95	83	82.7	39.38	50.24	0	57.29	26.39	8.48	0.001	13.24
8/27/2010 21:00	9631	6.471	148	12.37	9.95	2.925	144	22.24	6.368	79.67	77.89	43.17	56.31	0	6.435	26.37	8.48	0.001	13.17
8/27/2010 22:00	9632	7.517	131.3	7.618	11.74	3.527	126.8	19.34	6.368	76.33	73.97	49.33	64.42	0	0.005	26.37	8.48	0.001	13.24
8/27/2010 23:00	9633	8.3	141.5	7.14	11.74	4.358	144	15.33	8.16	74.7	73.41	52.57	66.5	0	0.004	26.37	8.48	-0.003	13.23
8/28/2010 0:00	9634	6.556	141	6.222	9.95	2.809	137.1	13.55	6.368	72.04	70.25	57.03	72.63	0	0.004	26.37	8.48	0.001	13.66
8/28/2010 1:00	9635	7.24	145.7	7.154	13.52	3.278	143.8	15.99	6.368	70.58	68.57	60.23	76.79	0	0	26.35	8.48	0	13.25
8/28/2010 2:00	9636	7.092	148.8	8.51	11.74	3.508	149.1	17.34	6.368	69.67	68.33	63.46	79.13	0	0.001	26.34	8.48	0	12.29
8/28/2010 3:00	9637	6.856	140.9	7.106	9.95	3.365	140.4	15.5	6.368	68.55	67.2	67.63	83.8	0	0	26.33	8.48	0	12.32
8/28/2010 4:00	9638	5.695	142.6	5.97	8.16	2.136	132.4	13.39	4.578	67.55	65.5	70.82	88.8	0	0	26.31	8.48	0	12.14
8/28/2010 5:00	9639	6.138	139.5	5.992	8.16	2.447	118.6	13.06	4.578	67.1	64.57	72.52	91.7	0	0	26.3	8.48	0	13.48
8/28/2010 6:00	9640	6.281	120.7	12.07	8.16	2.94	107.4	17.99	6.368	66.73	64.77	73.15	91.7	0	0	26.29	8.48	0	12.14
8/28/2010 7:00	9641	6.217	92.2	8.77	9.95	3.449	86.7	16.08	6.368	64.53	63.45	76.84	93.5	0	0	26.29	8.48	0	12.23
8/28/2010 8:00	9642	7.228	106.8	8.5	11.74	4.201	105.6	19.54	8.16	64.47	63.76	78.58	94.7	0	16.26	26.29	8.48	0	12.16
8/28/2010 9:00	9643	8.81	121.7	14.06	15.31	5.551	125.7	23.02	11.74	67.54	68.51	73.12	85.7	0	158.9	26.31	8.48	0	12.23
8/28/2010 10:00	9644	13.37	148.2	12.37	26.05	8.16	154.8	19.78	17.1	73.89	75.44	64.37	75.29	0	361.7	26.34	8.48	0.002	12.42
8/28/2010 11:00	9645	16.32	164.6	12.08	24.26	10.01	171.2	19.06	18.89	78.67	80.7	57.08	66.55	0	552.5	26.39	8.48	-0.002	13.41
8/28/2010 12:00	9646	15.85	163	12.86	26.05	9.95	169.5	19.9	18.89	81.6	84.2	52.78	60.88	0	735.2	26.41	8.48	-0.001	14.7
8/28/2010 13:00	9647	15.29	171.6	14.56	26.05	9.78	178.9	21.02	18.89	83.8	86.3	48.66	56.61	0	688.9	26.42	8.48	0	13.78
8/28/2010 14:00	9648	15.22	165.5	16.63	24.26	9.71	171.6	22.14	17.1	86.1	89.1	43.9	51.03	0	736.9	26.41	8.48	0	13.25
8/28/2010 15:00	9649	16.53	168.3	14.74	26.05	10.57	174.4	20.82	20.68	86.3	88.6	43.83	51.77	0	560.9	26.39	8.48	0	14.15
8/28/2010 16:00	9650	15.72	164.3	17.25	29.63	10.22	171.3	22.79	20.68	87.1	89.9	41.68	48.92	0	799.5	26.37	8.48	0	13.23
8/28/2010 17:00	9651	13.59	163.2	19.55	24.26	8.78	170.9	25.72	17.1	88.8	91.3	37.25	44.66	0	586.9	26.35	8.48	0	15.04
8/28/2010 18:00	9652	14.98	161	14.72	26.05	9.28	167	20.84	20.68	87.6	88.6	37.89	47.04	0	208.4	26.33	8.48	0	15.1
8/28/2010 19:00	9653	15.15	163.8	10.19	24.26	9.19	170.2	17.79	17.1	86.6	86.8	38.35	48.32	0	92.7	26.31	8.48	0	15.18
8/28/2010 20:00	9654	14.12	186.7	28.4	24.26	8.91	193.1	30.69	18.89	81.5	81.6	52.56	64.21	0	41.22	26.3	8.47	-0.008	13.28
8/28/2010 21:00	9655	6.862	156.1	22.83	11.74	3.838	155.9	29.72	8.16	72.65	71.88	78.88	97.4	0.04	7.221	26.27	8.46	-0.008	13.36
8/28/2010 22:00	9656	5.341	119.1	11.05	8.16	1.578	122.9	12.88	4.578	72.34	70.7	79.79	99.5	0	0	26.27	8.46	-0.002	15.17
8/28/2010 23:00	9657	6.931	134	12.31	9.95	2.605	125.9	21.39	4.578	73.66	70.42	71.83	98.5	0	0.001	26.28	8.46	-0.003	13.33
8/29/2010 0:00	9658	8.2	161.4	6.999	11.74	3.802	164.7	15.16	6.368	73.1	70.86	68.81	91.8	0	0	26.29	8.46	0	13.28
8/29/2010 1:00	9659	7.897	153.9	8.37	15.31	3.947	157.3	17.35	8.16	71.37	69.88	67.32	86.9	0	0.001	26.29	8.45	-0.003	13.21
8/29/2010 2:00	9660	7.684	150.5	10.37	11.74	3.999	153.5	17.39	8.16	71.09	69.85	64.76	83.2	0	0.001	26.28	8.45	0	13.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/29/2010 3:00	9661	5.474	161.4	8.9	8.16	2.656	163.9	15.58	6.368	71.27	70.18	62.39	80.5	0	0.002	26.29	8.45	0	13.31
8/29/2010 4:00	9662	7.341	155.3	6.944	9.95	3.701	158.1	15.7	6.368	71.14	69.56	58.82	77.13	0	0.002	26.28	8.45	0	13.29
8/29/2010 5:00	9663	6.884	146.6	8.08	9.95	3.52	148.2	15.7	6.368	70.09	68.65	59.51	77.28	0	0.001	26.27	8.45	-0.003	13.31
8/29/2010 6:00	9664	7.356	150.3	8.53	9.95	3.949	154.3	17.14	8.16	70.06	69.18	59.22	75.46	0	0.001	26.27	8.45	0	13.33
8/29/2010 7:00	9665	7.747	155.6	9.96	11.74	4.385	161.8	18.29	9.95	70.44	69.64	58.27	73.77	0	0.003	26.27	8.45	0	14.54
8/29/2010 8:00	9666	5.886	138.5	13.11	11.74	2.891	139.2	21.07	8.16	68.91	67.92	60.62	77.15	0	8.39	26.29	8.45	0	13.55
8/29/2010 9:00	9667	5.86	127.2	15.48	9.95	3.581	128.5	25	8.16	69.53	69.22	59.5	74.82	0	73.85	26.3	8.45	0	13.53
8/29/2010 10:00	9668	9.52	158.6	11.61	18.89	6.013	165.3	18.72	15.31	73.76	74.4	54.47	67.1	0	268.9	26.33	8.45	0.002	13.34
8/29/2010 11:00	9669	14.45	169.6	10.51	22.47	8.88	177.3	17.55	17.1	77.84	79.34	50.25	60.71	0	447.7	26.36	8.45	-0.001	13.3
8/29/2010 12:00	9670	13.51	164.9	13.83	20.68	8.65	172.5	20.1	17.1	81.6	83.8	47.13	56.07	0	669.7	26.39	8.45	-0.001	13.22
8/29/2010 13:00	9671	12.89	170	15.22	22.47	8.55	177.1	21.89	17.1	84.9	87.7	44.33	52.1	0	836	26.41	8.45	0	13.32
8/29/2010 14:00	9672	12.33	170.4	16.42	20.68	8.29	178.4	22.11	18.89	87.6	90.8	40.82	47.8	0	898	26.4	8.45	0	13.3
8/29/2010 15:00	9673	11.25	165.3	26.79	20.68	7.648	171.3	33.22	17.1	90	93.3	38.02	44.66	0	900	26.39	8.45	0	13.18
8/29/2010 16:00	9674	12.14	173.4	19.41	22.47	8.2	181	24.97	17.1	91.4	94.5	36.13	42.76	0	849	26.38	8.45	0	13.07
8/29/2010 17:00	9675	11.77	175.7	20.48	20.68	7.95	183.1	24.94	17.1	92	94.9	35.35	42.2	0	719.2	26.36	8.45	0	13.9
8/29/2010 18:00	9676	14.18	160.2	25.36	24.26	9.12	167.4	30.25	17.1	92.2	94.6	34.93	42.39	0	559.7	26.35	8.45	0	13.55
8/29/2010 19:00	9677	15.04	156.7	12.22	24.26	9.03	163.4	18.71	17.1	89.4	90.1	37.79	47.19	0	149.1	26.35	8.44	-0.006	13.07
8/29/2010 20:00	9678	13.97	149.3	9.23	22.47	8.29	155.7	16.83	17.1	87	87	40.48	50.92	0	63.47	26.32	8.43	-0.009	14.23
8/29/2010 21:00	9679	11.02	146	8.41	18.89	6.348	152	16.49	15.31	84.2	83.5	44.79	56.5	0	2.302	26.32	8.43	-0.005	14.84
8/29/2010 22:00	9680	10.81	143.8	8.32	15.31	6.198	149.5	16.79	11.74	81.7	81	48.66	61.01	0	0.011	26.31	8.42	-0.006	13.15
8/29/2010 23:00	9681	9.52	153.1	9.21	17.1	5.434	158.4	17.01	11.74	79.77	79.04	52.1	65.06	0	0.007	26.33	8.42	-0.003	13.27
8/30/2010 0:00	9682	7.493	151.5	11.49	11.74	3.98	154.8	19.52	8.16	77.58	76.53	55.5	69.64	0	0.004	26.35	8.42	-0.003	13.36
8/30/2010 1:00	9683	6.909	134.2	9.28	11.74	3.45	133.2	18.52	6.368	75.19	73.89	59.64	74.87	0	0.003	26.34	8.41	-0.003	13.25
8/30/2010 2:00	9684	7.67	136.9	9.21	9.95	3.804	140	17.68	6.368	73.57	72.34	62.21	77.77	0	0.002	26.33	8.41	-0.003	13.29
8/30/2010 3:00	9685	6.155	130.2	9.07	9.95	3.128	129.2	17.75	6.368	73	71.84	62.02	77.6	0	0.002	26.33	8.41	-0.002	13.29
8/30/2010 4:00	9686	7.457	143.7	68.73	22.47	4.69	138.4	75.42	18.89	72.8	72.07	62.11	76.9	0	0.001	26.34	8.41	0	13.21
8/30/2010 5:00	9687	11.95	280.9	27.18	22.47	9.15	286.9	29.24	20.68	73.08	73.1	67.96	81.8	0	0.003	26.39	8.4	-0.004	14.68
8/30/2010 6:00	9688	11.88	311.1	9.73	18.89	9.39	317.2	11.01	17.1	69.02	69.15	74.99	89.2	0	0.001	26.39	8.41	0.001	13.2
8/30/2010 7:00	9689	5.483	350.6	44.38	15.31	4.114	349.9	41.11	11.74	68.6	68.79	76.51	90.6	0	0.001	26.38	8.4	-0.003	14.16
8/30/2010 8:00	9690	3.946	52.09	52.66	9.95	2.622	54.5	57.57	6.368	68.78	68.92	77.26	91.7	0	1.922	26.38	8.4	0	13.49
8/30/2010 9:00	9691	6.068	65.57	25.69	17.1	3.508	75.41	26.47	9.95	68.33	67.9	81.3	98.4	0.16	14.88	26.4	8.4	0	12.68
8/30/2010 10:00	9692	12.54	101.6	15.19	22.47	7.676	105.1	23.89	13.52	68.64	68.71	83.6	98.6	0.02	202.5	26.36	8.4	-0.003	12.16
8/30/2010 11:00	9693	12.7	133.8	13.13	20.68	7.785	140.8	22.1	15.31	75.05	75.85	69.9	85.4	0	307.4	26.4	8.4	0.002	14.25
8/30/2010 12:00	9694	15.98	160.1	13.42	26.05	9.88	166.5	19.64	20.68	78.98	81.2	65.31	77.13	0	611.2	26.45	8.4	-0.002	12.5
8/30/2010 13:00	9695	16.06	167.6	12.71	26.05	10.1	174.7	19.18	18.89	80	82.5	64.85	75.41	0	710.1	26.48	8.4	-0.001	13.43
8/30/2010 14:00	9696	14.51	172.8	16.09	22.47	9.4	180.4	21.22	18.89	82.4	84.8	59.54	69.87	0	716.3	26.47	8.4	0	13.11
8/30/2010 15:00	9697	14.75	169.7	15.4	24.26	9.52	176.4	21.63	17.1	86.3	88.5	51.19	60.91	0	736	26.46	8.4	0.003	14.48
8/30/2010 16:00	9698	14.83	177.1	14.82	26.05	9.61	184.6	20.34	18.89	87.8	90.4	49.29	57.97	0	795.9	26.45	8.4	0	14.63
8/30/2010 17:00	9699	12.96	179.8	15.87	22.47	8.59	187.1	20.17	17.1	88.4	90.1	47.78	57.36	0	537.9	26.44	8.4	-0.003	12.97
8/30/2010 18:00	9700	12.65	181	20.78	24.26	8.32	187.4	24.44	17.1	90.1	91.8	43.98	53.27	0	525.4	26.42	8.4	0.003	14.94
8/30/2010 19:00	9701	12.74	161.9	12.71	20.68	7.865	169.3	19.8	15.31	89.5	90.6	45.09	55.19	0	341.5	26.41	8.4	-0.003	12.98
8/30/2010 20:00	9702	11.43	162.8	9.15	18.89	6.868	169.2	17.25	13.52	87.2	87.1	47.23	59.13	0	88.7	26.41	8.4	0	14.06
8/30/2010 21:00	9703	12.2	160.2	8.81	18.89	7.119	166.1	16.34	15.31	84.2	83.7	54.76	68.08	0	5.3	26.4	8.39	-0.005	13.63
8/30/2010 22:00	9704	11.08	153.5	8.8	17.1	6.565	159.3	16.47	13.52	82	81.6	58.1	71.92	0	0.026	26.42	8.39	-0.006	13.1
8/30/2010 23:00	9705	10.23	155.7	10.24	17.1	5.944	161.6	17.68	13.52	81.2	80.6	57.13	71.11	0	0.015	26.44	8.38	-0.003	15.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/31/2010 0:00	9706	12.35	171	9.82	20.68	7.439	177.5	17.22	15.31	80.8	80.4	56.9	70.5	0	0.013	26.45	8.38	-0.003	13.28
8/31/2010 1:00	9707	18.2	231.9	21.92	34.99	12.72	236.1	22.7	27.84	63.49	73	75.97	90.1	0.36	0.05	26.48	8.37	-0.008	12.14
8/31/2010 2:00	9708	15.01	229.7	16.25	33.21	10.24	234.4	18.22	22.47	54.73	67.81	80.8	98.5	0.45	0.004	26.43	8.37	-0.005	12.47
8/31/2010 3:00	9709	8.05	231.9	25.25	15.31	5.188	236.3	27.38	11.74	60.34	68.48	79.74	99.4	0.06	0.002	26.37	8.36	-0.003	12.16
8/31/2010 4:00	9710	6.435	159.5	24.54	11.74	3.311	159	31.58	8.16	65.29	68.55	81	99.4	0.01	0.001	26.35	8.36	0	12.27
8/31/2010 5:00	9711	6.249	214.3	41.19	13.52	3.955	227.2	37.8	9.95	65.21	68.52	85.7	99.4	0	0.001	26.37	8.36	0	12.21
8/31/2010 6:00	9712	4.678	285	14.3	8.16	2.693	286.4	19.47	6.368	67.5	68.95	82.9	99.4	0	0.003	26.37	8.36	0	12.17
8/31/2010 7:00	9713	3.181	251.9	29.18	6.368	1.47	238.9	41.99	4.578	67.26	68.08	81.9	99.4	0	0.001	26.38	8.36	0	12.16
8/31/2010 8:00	9714	1.913	265	13.84	4.578	0.616	277.2	8.81	4.578	66.6	68.13	84.8	99.4	0	9.16	26.4	8.36	0	12.2
8/31/2010 9:00	9715	3.13	81.2	31	6.368	1.852	76.57	20.72	4.578	67.43	69.67	84.6	99.4	0	80.5	26.41	8.36	0	12.64
8/31/2010 10:00	9716	3.689	111.7	30.8	8.16	2.649	116.6	37.19	6.368	72.87	76.08	72.3	87.9	0	316.6	26.43	8.37	0.001	13.27
8/31/2010 11:00	9717	6.518	150.1	19.55	15.31	4.562	158.6	27.7	11.74	77.46	81.9	57.66	69.55	0	556.4	26.47	8.37	0.001	13.65
8/31/2010 12:00	9718	8.97	184.5	26.68	15.31	6.334	192.6	30.02	11.74	79.66	84.9	55.87	66.88	0	666.4	26.51	8.37	0	13.2
8/31/2010 13:00	9719	6.881	215.4	28.2	15.31	5.328	224.1	31.5	11.74	81.8	86.3	55.89	67.2	0	741.6	26.51	8.37	0	13.07
8/31/2010 14:00	9720	6.95	218.4	37.9	15.31	5.202	223.3	43.2	11.74	85.3	89.6	49.89	60.17	0	772.4	26.51	8.37	0	14.43
8/31/2010 15:00	9721	8.74	209.6	19.47	15.31	4.787	197.4	20.52	18.89	85.6	89.4	47.9	58.48	0	464.3	26.5	8.37	0	13
8/31/2010 16:00	9722	5.045	200.9	51.12	27.84	5.6	198.7	23.78	11.74	86.7	88.5	44.21	55.63	0.15	373.7	26.46	8.36	-0.003	12.98
8/31/2010 17:00	9723	7.637	229.4	18.64	15.31	5.441	233.2	22.21	11.74	87	89.8	45.11	55.9	0	525.9	26.44	7.577	-0.786	13.81
8/31/2010 18:00	9724	9.47	198.3	18.79	17.1	6.54	205.5	21.19	11.74	88.3	90.9	39.69	50.3	0	489.9	26.43	7.571	-0.006	13.13
8/31/2010 19:00	9725	5.559	241.3	22.11	17.1	3.831	245.6	21.98	13.52	87.5	88.3	39.93	52.4	0	177.6	26.42	7.536	-0.035	13.78
8/31/2010 20:00	9726	4.268	223.2	19.38	8.16	2.018	223	16.58	4.578	85.3	85.3	45.58	63.61	0	76.94	26.39	7.531	-0.005	13.2
8/31/2010 21:00	9727	5.414	165.6	18.09	8.16	1.858	158	21.71	4.578	82.6	81.3	50.75	72.62	0	8.49	26.39	7.522	-0.009	13.09
8/31/2010 22:00	9728	6.307	165	5.568	8.16	2.097	158.6	9.21	4.578	79.05	76.42	53.64	78.31	0	0.019	26.39	7.516	-0.006	13.18
8/31/2010 23:00	9729	6.385	141	9.86	8.16	2.254	129.9	14.09	4.578	76.04	74.03	58.2	81.8	0	0.007	26.4	7.507	-0.009	14.08
9/1/2010 0:00	9730	8.06	146.9	9.26	13.52	3.832	150.4	17.11	9.95	74.39	73.53	61.12	80.6	0	0.003	26.4	7.501	-0.006	13.19
9/1/2010 1:00	9731	8.75	154	9.3	17.1	4.611	159.4	17.15	11.74	74.45	74.35	60.42	77.37	0	0.007	26.4	7.494	-0.006	13.31
9/1/2010 2:00	9732	7.168	158.7	8.63	13.52	3.572	165	14.93	9.95	72.46	72.45	64.19	81.3	0	0.004	26.39	7.491	-0.003	14.4
9/1/2010 3:00	9733	4.84	151.8	9.65	8.16	1.158	155	10.53	4.578	70.32	69.7	71.14	91.1	0	0.002	26.37	7.489	-0.002	13.08
9/1/2010 4:00	9734	2.992	139.5	22.44	6.368	0.427	86.5	11.33	2.789	68.88	68.71	75.68	95.3	0	0.001	26.36	7.486	-0.003	15.15
9/1/2010 5:00	9735	3.076	135.9	23.08	6.368	0.621	99.9	15.05	2.789	69.26	69.06	74.97	94.5	0	0.001	26.35	7.483	-0.003	13.37
9/1/2010 6:00	9736	5.109	148.6	9.87	8.16	1.189	144.9	14.14	4.578	68.48	67.91	77.42	98.5	0	0.001	26.34	7.483	0	13.2
9/1/2010 7:00	9737	4.744	132	13.12	8.16	1.637	119	15.74	4.578	68.13	67.93	78.41	98.1	0	0.001	26.34	7.48	-0.003	13.19
9/1/2010 8:00	9738	4.882	157.2	19.27	8.16	1.74	165.4	24.7	4.578	67.97	68	79.02	98.2	0	12.06	26.34	7.48	0	13.24
9/1/2010 9:00	9739	3.772	241.2	28.35	8.16	2.603	247.4	24.02	6.368	69.33	71.23	77.92	92.3	0	117	26.35	7.476	-0.003	13.23
9/1/2010 10:00	9740	6.096	276.5	14.8	11.74	4.887	279.3	18.64	9.95	74.16	76.61	70.85	83.1	0	360.6	26.37	7.474	-0.002	12.71
9/1/2010 11:00	9741	7.894	298	17.64	13.52	6.483	303.6	21.62	11.74	80.8	82.8	59.27	71.33	0	561	26.4	7.473	-0.001	12.6
9/1/2010 12:00	9742	8.76	287.1	19.85	15.31	7.155	292	23.85	13.52	86.1	88.1	46.91	57.51	0	729.8	26.44	7.47	-0.003	12.6
9/1/2010 13:00	9743	6.79	280.8	30.8	20.68	5.648	285	36.94	17.1	89.5	81.6	40.08	-7999	0	850	26.44	7.46	-0.01	13.03
9/1/2010 14:00	9744	4.506	266.8	58.18	9.95	3.936	274.2	59.59	9.95	92.3	93.9	36.34	33.27	0	726.5	26.43	7.454	-0.006	13.13
9/1/2010 15:00	9745	5.214	234	50.64	13.52	4.159	241.1	53.77	11.74	93.4	95.4	34.91	31.66	0	768.2	26.41	7.441	-0.013	13.38
9/1/2010 16:00	9746	9.92	208.6	26.63	33.21	6.816	212.8	26.75	26.05	88.5	90	39.48	36.94	0	278.3	26.39	7.419	-0.022	13.2
9/1/2010 17:00	9747	12.77	185.8	12.62	29.63	8.55	194.1	18.45	22.47	86	88.3	43.94	40.62	0	649.7	26.35	7.384	-0.035	12.99
9/1/2010 18:00	9748	12.78	186.5	23.38	20.68	8.45	193.7	26.28	15.31	90.4	92.6	37.88	34.79	0	577.5	26.34	7.362	-0.022	12.93
9/1/2010 19:00	9749	12.92	138.1	15	20.68	7.837	145	22.48	15.31	89	90.7	38.97	36.36	0	381.3	26.34	7.34	-0.022	13.06
9/1/2010 20:00	9750	17.43	99.1	11.28	34.99	11.12	104.4	21.68	26.05	78.33	79.39	59.28	55.68	0	111.5	26.35	7.318	-0.021	13.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/1/2010 21:00	9751	10.16	112.3	9.61	18.89	5.804	117.7	21.04	13.52	74.63	74.59	61.79	59.74	0	3.464	26.33	7.304	-0.015	14.67
9/1/2010 22:00	9752	7.478	114.8	12.1	13.52	4.228	119.7	21.94	9.95	73.09	72.22	63.38	61.92	0	0.006	26.32	7.291	-0.012	13.24
9/1/2010 23:00	9753	8.05	144	9.36	15.31	4.352	150.1	17.06	9.95	71.04	70.66	67.53	65.65	0	0.003	26.33	7.28	-0.012	13.09
9/2/2010 0:00	9754	5.76	146.3	9.38	11.74	2.537	149	16.43	6.368	69.44	69.15	72.2	70.88	0	0.002	26.32	7.27	-0.009	14.86
9/2/2010 1:00	9755	5.95	151.3	10.83	11.74	2.606	158.1	17.56	8.16	68.39	68.06	75.79	74.23	0	0.001	26.31	7.264	-0.006	14.93
9/2/2010 2:00	9756	3.694	156.8	23.79	6.368	0.597	158.2	16.15	2.789	67.64	67.33	79.19	77.99	0	0.001	26.3	7.261	-0.003	13.52
9/2/2010 3:00	9757	3.735	186.3	12.49	6.368	0.738	206.9	9.17	2.789	66.74	66.38	82.4	81.4	0	0	26.29	7.261	0	13.2
9/2/2010 4:00	9758	3.225	206.9	7.568	6.368	0.646	223.4	5.503	4.578	66.85	66.44	82.6	81.8	0	0.001	26.28	7.261	0	14.6
9/2/2010 5:00	9759	1.218	187.2	14.68	4.578	0.659	93.8	8.04	2.789	66.53	65.88	82.7	83	0	0.001	26.27	7.258	-0.003	13.78
9/2/2010 6:00	9760	0.666	203.8	20.39	2.789	0.355	85.8	1.991	2.789	66.77	65.85	81	83	0	0	26.27	7.245	-0.013	13.56
9/2/2010 7:00	9761	2.438	294.6	21.84	8.16	0.918	336.8	13.58	4.578	67.02	66.04	81.1	82	0	0	26.27	7.245	0	13.43
9/2/2010 8:00	9762	1.378	288.8	41.6	4.578	0.776	102.9	22.16	4.578	67.47	65.44	80.1	83.3	0	15.6	26.28	7.242	-0.003	13.43
9/2/2010 9:00	9763	1.891	154.8	14.22	9.95	1.156	164.7	24.81	6.368	70.53	72.41	76.6	73.16	0	168.2	26.3	7.245	0.003	14.58
9/2/2010 10:00	9764	8.92	152.1	20.7	15.31	5.811	160.8	26.72	11.74	74.65	76.97	68.93	64.89	0	375.3	26.35	7.243	-0.002	14.79
9/2/2010 11:00	9765	7.789	183.4	19.06	13.52	5.61	193.8	22.72	9.95	79.33	81.9	60.12	55.69	0	569.6	26.4	7.242	-0.001	13.23
9/2/2010 12:00	9766	7.266	206.1	17.95	11.74	5.477	213.6	20.91	11.74	83.4	85.8	53.81	49.55	0	743	26.43	7.235	-0.007	13.05
9/2/2010 13:00	9767	6.115	228.8	37.81	13.52	4.698	234.7	37.69	9.95	88.8	91.1	43.45	39.58	0	862	26.44	7.229	-0.006	12.97
9/2/2010 14:00	9768	3.989	227.8	51.25	9.95	3.367	238.5	56.21	8.16	94.2	96.1	33.53	30.21	0	921	26.45	7.219	-0.01	13.03
9/2/2010 15:00	9769	3.729	69.22	51.92	9.95	2.801	64.17	59.82	6.368	97	99.8	28.14	25.11	0	932	26.45	7.207	-0.013	13.05
9/2/2010 16:00	9770	4.017	44.81	61.3	11.74	3.14	43.17	65.29	8.16	98.9	101.1	20.46	17.76	0	887	26.44	7.184	-0.022	13.04
9/2/2010 17:00	9771	7.132	62.88	54.78	17.1	5.144	59.24	62.3	13.52	97.3	99.6	22.64	19.74	0	672.3	26.42	7.159	-0.025	13.68
9/2/2010 18:00	9772	7.216	76.91	36.06	15.31	4.879	82.6	42.79	11.74	96.5	97.8	23.82	21.76	0	512	26.41	7.131	-0.029	13.4
9/2/2010 19:00	9773	10.4	89.2	22.56	24.26	6.5	92.9	29.48	17.1	95.8	96.7	24.93	23.1	0	357.4	26.41	7.105	-0.025	14.48
9/2/2010 20:00	9774	11.11	116.1	9.46	22.47	6.366	121.3	19.42	15.31	90.3	89.8	35.54	34.3	0	97.9	26.4	7.08	-0.025	13.08
9/2/2010 21:00	9775	8.28	129.8	7.767	13.52	4.118	134.4	16.71	8.16	84.7	83.1	44.24	44.24	0	2.947	26.4	7.062	-0.018	13.08
9/2/2010 22:00	9776	6.366	120.1	8.34	9.95	2.649	112.4	17.74	6.368	81.3	79.23	49.65	51.42	0	0.014	26.41	7.053	-0.009	13.97
9/2/2010 23:00	9777	8.64	61.2	39.08	26.05	5.182	51.06	30.65	20.68	79.82	78.01	52.4	53.47	0	0.005	26.43	7.041	-0.012	13.26
9/3/2010 0:00	9778	21.77	37.49	14.31	38.57	11.94	39.83	16.73	27.84	79.06	79.02	57.4	54.36	0	0.014	26.48	7.025	-0.016	13.47
9/3/2010 1:00	9779	25.54	55.72	9.6	51.1	15.02	58.14	17.38	31.42	73.62	73.87	70.13	66.37	0	0.008	26.52	7.006	-0.019	13.34
9/3/2010 2:00	9780	25.35	61.06	9.04	40.36	15.47	63.75	17.07	31.42	69.13	69.84	77.89	73.63	0	0.001	26.53	6.994	-0.012	13.63
9/3/2010 3:00	9781	24.24	66.03	8.67	38.57	14.71	67.76	17.53	29.63	67.55	68.46	81.1	76.58	0	0.001	26.53	6.982	-0.012	15.27
9/3/2010 4:00	9782	19.84	68.5	8.78	36.78	11.98	69.88	18.03	26.05	66.93	67.82	81.6	77.21	0	0.003	26.53	6.969	-0.013	15.44
9/3/2010 5:00	9783	16.08	53.21	10.88	26.05	9.22	55.47	17.79	18.89	66.24	67.11	80.7	76.51	0	0	26.53	6.963	-0.006	13.44
9/3/2010 6:00	9784	16.93	53.44	10.82	27.84	9.74	55.82	18.22	22.47	65.26	66.3	77.72	73.48	0	0.001	26.56	6.957	-0.006	13.42
9/3/2010 7:00	9785	20.44	62.97	9.46	33.21	12.27	65.72	18.08	24.26	64.47	65.33	66.3	62.98	0	0	26.59	6.947	-0.01	12.34
9/3/2010 8:00	9786	20.84	62.99	9.05	33.21	12.7	65.78	17.83	24.26	63.9	64.57	54.28	51.5	0	17.39	26.61	6.938	-0.01	12.28
9/3/2010 9:00	9787	13.62	61.17	11.15	26.05	8.19	63.5	19.29	18.89	63.48	64.83	58.05	54.22	0	131.3	26.65	6.922	-0.016	12.25
9/3/2010 10:00	9788	13.07	64.14	13.33	22.47	8.07	67.26	20.32	18.89	65.02	66.77	55.18	51.43	0	310.1	26.67	6.912	-0.01	12.38
9/3/2010 11:00	9789	16.58	72.19	12.73	26.05	10.34	74.29	20.61	20.68	66.76	69.27	46.62	42.55	0	537.6	26.7	6.902	-0.011	12.3
9/3/2010 12:00	9790	13.62	79.96	15.66	24.26	8.76	81.9	23.55	18.89	67.99	70.76	44.78	40.63	0	566.6	26.72	6.889	-0.013	12.39
9/3/2010 13:00	9791	11.31	74.7	16.65	20.68	7.254	77.04	24.47	15.31	69.81	72.45	42.22	38.5	0	448.1	26.72	6.878	-0.011	12.16
9/3/2010 14:00	9792	8.41	69.93	26.38	15.31	5.698	73.78	32.49	11.74	72.62	75.43	38.07	34.45	0	690.6	26.7	6.869	-0.01	12.29
9/3/2010 15:00	9793	8.6	32.19	28.01	17.1	5.805	35.1	30.61	13.52	74.99	77.82	35	30.74	0	774.9	26.7	6.855	-0.013	12.21
9/3/2010 16:00	9794	8.1	50.96	23.5	17.1	5.393	52.83	29.83	11.74	75.87	78.85	33.95	30.03	0	818	26.68	6.842	-0.013	15.4
9/3/2010 17:00	9795	6.289	55.03	37.46	13.52	4.36	52.89	42.94	11.74	78	80.8	32.21	28.34	0	713.2	26.66	6.826	-0.016	15.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/3/2010 18:00	9796	7.759	61.94	25.68	15.31	5.272	64.59	31.89	13.52	77.69	80.1	33.52	30.08	0	518.1	26.64	6.807	-0.019	13.43
9/3/2010 19:00	9797	8.56	75.98	20.57	15.31	5.696	77.66	27.51	11.74	77.46	79.15	32.54	29.82	0	342	26.62	6.789	-0.018	13.33
9/3/2010 20:00	9798	7.983	74.88	11.09	13.52	4.879	77.31	19.46	11.74	76.03	75.8	35.39	33.77	0	99.9	26.6	6.77	-0.019	14.66
9/3/2010 21:00	9799	6.7	81.2	6.888	9.95	3.477	85.9	15.62	6.368	71.11	69.84	44.14	44	0	3.073	26.57	6.756	-0.015	14.35
9/3/2010 22:00	9800	6.003	95.5	4.411	8.16	2.748	93.8	11.15	4.578	67	64.5	48.46	52.03	0	0	26.56	6.741	-0.015	13.55
9/3/2010 23:00	9801	6.824	95.7	4.587	9.95	3.356	92.7	13.37	6.368	65.87	63.16	49.55	52.76	0	0	26.56	6.735	-0.006	13.47
9/4/2010 0:00	9802	7.077	88.1	5.156	9.95	3.369	88.7	14.09	6.368	64.05	61.95	52.92	54.7	0	0	26.56	6.726	-0.009	13.6
9/4/2010 1:00	9803	7.373	84.7	5.221	11.74	3.361	87.4	14.31	6.368	62.68	60.67	56.07	57.59	0	0	26.56	6.719	-0.006	14.09
9/4/2010 2:00	9804	6.969	90.8	6.179	9.95	3.486	86.6	13.9	6.368	60.83	58.81	59	60.38	0	0	26.55	6.714	-0.006	15.46
9/4/2010 3:00	9805	6.989	98.6	8.01	9.95	3.832	93.8	16.77	8.16	60.07	58.35	61.13	61.45	0	0	26.54	6.704	-0.009	13.31
9/4/2010 4:00	9806	5.869	97	13.28	9.95	2.829	89.7	19.55	6.368	58.85	57.35	64.46	64.39	0	0	26.52	6.698	-0.006	12.23
9/4/2010 5:00	9807	6.304	70.28	7.887	8.16	3.34	64.74	12.75	6.368	58.17	56.44	65.49	66.54	0	0	26.5	6.696	-0.002	12.4
9/4/2010 6:00	9808	5.724	61.68	11.55	8.16	2.689	62.05	13.46	4.578	57.33	55.46	66.4	68.26	0	0	26.5	6.692	-0.003	12.48
9/4/2010 7:00	9809	3.447	58.57	38.71	8.16	1.487	56.58	31.33	4.578	56.82	54.93	67.47	69.26	0	0	26.49	6.689	-0.003	12.36
9/4/2010 8:00	9810	1.862	309.9	33.52	4.578	0.937	14.9	36.06	4.578	57.4	54.43	66.22	71.79	0	14.12	26.5	6.686	-0.003	12.5
9/4/2010 9:00	9811	3.103	82.4	25.62	9.95	1.896	92.1	24.89	8.16	61.57	62.91	58.94	55.66	0	167.2	26.52	6.685	-0.001	12.49
9/4/2010 10:00	9812	8.28	133.2	13.21	13.52	5.457	140.7	21.75	9.95	67.06	68.8	48.14	44.64	0	378.2	26.56	6.683	-0.002	13.57
9/4/2010 11:00	9813	7.212	161.3	25.5	13.52	4.993	170.3	32.45	11.74	71.49	73.68	40.46	36.68	0	574.6	26.6	6.679	-0.005	13.66
9/4/2010 12:00	9814	6.834	182.5	32.6	13.52	4.994	192.3	35.79	11.74	75.19	77.36	35.09	31.26	0	746.9	26.63	6.675	-0.004	13.48
9/4/2010 13:00	9815	7.06	180.8	28.21	13.52	5.118	191.3	32.63	11.74	77.59	80.2	33.41	29.25	0	866	26.63	6.665	-0.01	15.62
9/4/2010 14:00	9816	7.764	187.8	27.9	15.31	5.645	197.3	32.37	13.52	80.4	83.1	29.21	25.25	0	925	26.61	6.649	-0.016	13.33
9/4/2010 15:00	9817	7.127	198.1	35.56	15.31	5.452	207.2	39.49	13.52	82.9	85.4	26.3	22.49	0	919	26.58	6.63	-0.019	15.42
9/4/2010 16:00	9818	8.23	184.3	30.19	17.1	6.026	194.1	33.02	15.31	84.2	86.6	26.22	22.55	0	850	26.56	6.604	-0.025	13.35
9/4/2010 17:00	9819	8.34	199.3	26.11	18.89	6.055	207.2	31.14	15.31	85.8	87.8	23.81	20.39	0	724	26.53	6.585	-0.019	13.75
9/4/2010 18:00	9820	9.63	198.3	18.87	17.1	6.75	205.3	21.91	13.52	85.8	87.5	23.65	20.58	0	548.9	26.5	6.56	-0.025	13.23
9/4/2010 19:00	9821	9.35	197.2	15.2	17.1	6.333	203.5	18.57	13.52	85.4	86.2	25.98	23.39	0	340.2	26.48	6.522	-0.038	13.27
9/4/2010 20:00	9822	9.1	181.4	10.1	15.31	5.392	187.3	15.82	11.74	82.9	82.4	29.01	27.63	0	123.3	26.46	6.507	-0.015	14.54
9/4/2010 21:00	9823	7.714	164.5	9.75	11.74	3.099	166.4	14.37	6.368	76.16	73.27	37.1	39.02	0	2.849	26.43	6.492	-0.015	14.49
9/4/2010 22:00	9824	7.411	163.6	6.716	9.95	3.008	166.5	13.78	4.578	71.11	68.57	44.28	45.61	0	0.001	26.42	6.484	-0.008	13.44
9/4/2010 23:00	9825	6.17	165.7	10.51	8.16	1.856	163.6	12.54	4.578	67.75	64.73	49.79	52.68	0	0.001	26.4	6.478	-0.006	15.42
9/5/2010 0:00	9826	7.938	158.1	8.72	11.74	3.534	162	16.29	8.16	65.75	63.54	50.95	52.07	0	0	26.38	6.468	-0.01	13.39
9/5/2010 1:00	9827	6.939	158.2	7.39	13.52	2.855	162.1	14.51	6.368	63.84	61.93	51.52	52.23	0	0	26.37	6.463	-0.006	15.19
9/5/2010 2:00	9828	4.251	188.2	21.24	9.95	1.246	189.7	20.25	4.578	62.89	60.93	53.35	54.47	0	0	26.35	6.454	-0.009	14.85
9/5/2010 3:00	9829	3.323	198.5	7.798	9.95	1.013	193.8	12.59	4.578	63.32	60.71	53.34	56.14	0	0	26.34	6.45	-0.003	13.51
9/5/2010 4:00	9830	4.79	196.3	9	11.74	1.104	196.5	11.35	4.578	62.67	59.57	54	57.1	0	0	26.32	6.447	-0.003	13.52
9/5/2010 5:00	9831	3.234	183.1	10.49	6.368	0.236	161.3	4.6	2.789	61.93	59.19	57.13	58.45	0	0	26.3	6.444	-0.003	13.56
9/5/2010 6:00	9832	3.144	178.9	8.23	6.368	0.225	148.1	4.158	2.789	61.32	58.81	60.55	60.88	0	0	26.29	6.431	-0.013	13.58
9/5/2010 7:00	9833	4.23	168.2	12.96	6.368	1.345	108.5	16.72	4.578	60.92	57.19	63.44	66.5	0	0	26.28	6.432	0	15.06
9/5/2010 8:00	9834	3.51	177.7	42.44	8.16	1.384	205.6	54.54	6.368	60.55	58.24	66.41	67.44	0	14.02	26.28	6.431	0	14.98
9/5/2010 9:00	9835	1.749	186.6	16.59	4.578	1.135	195.2	18.79	4.578	63.67	65.52	64.17	58.96	0	169.7	26.3	6.431	-0.001	13.46
9/5/2010 10:00	9836	5.399	204.8	16.68	9.95	4.117	213	19.49	9.95	70.09	71.18	57.57	53.12	0	381	26.35	6.429	-0.001	15.41
9/5/2010 11:00	9837	7.565	214.4	18.25	11.74	5.688	221.4	20.53	11.74	76.42	77.84	49.34	45.1	0	580.8	26.4	6.428	-0.001	13.34
9/5/2010 12:00	9838	7.918	218	21.66	13.52	6.087	223.4	24.27	11.74	83.4	85.1	39.63	35.67	0	758.3	26.43	6.421	-0.007	13.44
9/5/2010 13:00	9839	7.905	231.9	22.14	13.52	6.217	235.9	25.54	13.52	88.4	90.2	30.6	26.92	0	880	26.43	6.411	-0.01	15.02
9/5/2010 14:00	9840	8.92	222.5	24.09	18.89	6.801	228.2	26.74	13.52	91.7	93.7	23.14	19.72	0	937	26.41	6.398	-0.013	13.5

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/5/2010 15:00	9841	11.15	206.6	18.82	22.47	8.14	214.3	22.45	18.89	93.7	95.9	18.39	15.14	0	931	26.39	6.37	-0.029	13.16
9/5/2010 16:00	9842	12.54	202.4	24.82	24.26	8.71	209.1	27.01	18.89	94.1	96.3	16.85	13.72	0	855	26.37	6.341	-0.029	14.79
9/5/2010 17:00	9843	13.78	188	18.27	26.05	9.12	194.8	21.72	18.89	94	96.2	15.84	12.77	0	728.8	26.35	6.297	-0.044	13.17
9/5/2010 18:00	9844	13.57	188.6	16.96	24.26	8.92	195.6	21.07	17.1	93.6	95.2	16.5	13.63	0	550.8	26.34	6.259	-0.038	13.23
9/5/2010 19:00	9845	12.89	188	15.43	22.47	8.19	195.8	19.62	17.1	92.2	92.9	17.81	15.33	0	341.6	26.32	6.231	-0.029	13.32
9/5/2010 20:00	9846	12.12	186.9	8.79	22.47	7.387	193.2	15.2	17.1	89.5	88.9	20.47	18.51	0	122.4	26.3	6.199	-0.032	14.65
9/5/2010 21:00	9847	8.08	164.4	11.02	13.52	3.489	164.3	17.22	8.16	82.4	79.61	29.79	30.4	0	2.628	26.29	6.187	-0.012	13.42
9/5/2010 22:00	9848	8.33	143.4	6.665	13.52	3.527	137.3	15.1	9.95	77.02	73.63	34.45	36.23	0	0.003	26.27	6.176	-0.012	14.99
9/5/2010 23:00	9849	9.37	143.4	7.2	13.52	4.832	147.2	15.29	8.16	74.41	72.8	42.42	41.38	0	0.002	26.27	6.166	-0.009	13.34
9/6/2010 0:00	9850	12.42	157.8	9.13	20.68	6.926	164.2	17.09	13.52	74.46	73.32	48.38	46.64	0	0.001	26.27	6.161	-0.006	13.49
9/6/2010 1:00	9851	12.32	161	8.52	22.47	7.152	167.7	16.59	13.52	73.58	72.78	56.21	54.07	0	0.003	26.28	6.154	-0.007	13.39
9/6/2010 2:00	9852	10.9	166.6	8.8	17.1	6.179	174.2	16.8	11.74	71.43	70.61	61.74	59.6	0	0.003	26.28	6.145	-0.009	15.62
9/6/2010 3:00	9853	10.5	166.3	9.79	17.1	5.993	173.6	17.5	13.52	70.01	69.23	66.87	64.57	0	0.001	26.27	6.139	-0.006	13.81
9/6/2010 4:00	9854	9.65	167.6	8.63	15.31	5.434	174.7	17.25	11.74	68.53	67.65	70.43	68.26	0	0.001	26.25	6.132	-0.006	13.55
9/6/2010 5:00	9855	9	171.3	9.27	17.1	5.152	179.2	17.46	11.74	67.19	66.39	73.84	71.39	0	0.001	26.24	6.129	-0.003	15.23
9/6/2010 6:00	9856	7.643	169.4	9.86	15.31	4.167	178.1	17.03	9.95	65.84	64.89	77.51	75.26	0	0	26.23	6.123	-0.006	13.61
9/6/2010 7:00	9857	6.747	170.1	9.85	11.74	3.509	180.2	17.37	8.16	65.03	63.94	79.93	77.89	0	0	26.23	6.123	0	13.52
9/6/2010 8:00	9858	5.358	176.2	9.3	9.95	2.319	187.4	13.75	6.368	64.38	63.07	81	79.46	0	12.85	26.23	6.12	-0.003	13.8
9/6/2010 9:00	9859	7.673	183.1	10.34	17.1	4.87	192.6	16.33	13.52	67.58	68.4	74.45	69.97	0	167	26.25	6.116	-0.003	13.59
9/6/2010 10:00	9860	12.49	180	10.22	18.89	8.09	187.8	17.3	15.31	73.66	74.89	61.1	56.87	0	380.6	26.28	6.118	0.002	14.74
9/6/2010 11:00	9861	11.81	189.7	11.73	18.89	8.08	197.8	16.57	13.52	78.47	80.4	51.53	47.07	0	578.2	26.32	6.114	-0.004	13.35
9/6/2010 12:00	9862	10.92	193.8	13.96	20.68	7.666	201	18.12	15.31	82.6	85	43.68	39.2	0	751.5	26.36	6.107	-0.007	14.89
9/6/2010 13:00	9863	11.18	198.6	16.77	18.89	7.875	206.6	20.48	15.31	86.9	89.4	36.18	31.92	0	870	26.37	6.094	-0.013	15.32
9/6/2010 14:00	9864	10.71	192	18.3	20.68	7.493	199.3	22.01	17.1	90.8	93.5	28.96	24.95	0	928	26.36	6.063	-0.032	15.5
9/6/2010 15:00	9865	9.83	197.1	34.28	20.68	7.129	204.7	37.61	15.31	93.2	95.9	23.08	19.39	0	920	26.35	6.037	-0.025	13.2
9/6/2010 16:00	9866	10.19	186.1	27.14	22.47	7.147	194.1	31.02	15.31	94.4	97	20.92	17.27	0	851	26.34	6.009	-0.029	14.04
9/6/2010 17:00	9867	10.46	165.8	22.23	22.47	7.088	172.8	28.05	17.1	94.5	97	20.16	16.74	0	715.6	26.33	5.987	-0.022	13.3
9/6/2010 18:00	9868	10.84	158.8	26.7	20.68	7.218	167	32.57	17.1	94.2	96.1	20.63	17.49	0	537.1	26.31	5.952	-0.035	15.43
9/6/2010 19:00	9869	9.93	157.7	20.67	18.89	6.194	164.8	26.65	15.31	93.2	94.2	21.72	19.18	0	327.3	26.31	5.92	-0.032	14.5
9/6/2010 20:00	9870	13.53	135.1	10.47	22.47	8.02	143.1	18.96	17.1	89.6	89.4	25.35	23.21	0	110.4	26.31	5.895	-0.025	13.42
9/6/2010 21:00	9871	10.73	135.2	7.272	17.1	6.117	142	16.58	11.74	83.7	82.5	31.7	30.02	0	1.991	26.31	5.867	-0.028	13.46
9/6/2010 22:00	9872	11.24	144.5	9.62	18.89	6.249	151.8	16.81	13.52	80.1	78.98	39.46	37.65	0	0.01	26.31	5.855	-0.012	13.42
9/6/2010 23:00	9873	9.83	150.6	7.881	15.31	5.198	155.8	16.29	9.95	76.71	75.46	45.27	43.83	0	0.004	26.32	5.836	-0.019	14.87
9/7/2010 0:00	9874	9.06	142.8	7.826	13.52	4.763	148	15.77	8.16	74	72.62	51.17	49.95	0	0.002	26.32	5.83	-0.006	13.37
9/7/2010 1:00	9875	4.575	188	39.72	15.31	1.764	203.5	52.24	6.368	70.62	69	57.2	56.66	0	0.001	26.32	5.825	-0.006	13.4
9/7/2010 2:00	9876	5.64	161.9	8.7	9.95	1.508	146.9	15.37	4.578	69.17	66	60.22	62.42	0	0	26.32	5.821	-0.003	14.47
9/7/2010 3:00	9877	5.532	158.2	8.57	9.95	1.227	143.3	12.23	4.578	68.48	65.36	61.31	63.62	0	0	26.31	5.818	-0.003	13.28
9/7/2010 4:00	9878	4.793	164.1	16.84	8.16	0.932	155.2	25.8	2.789	66.53	63.94	64.63	66.15	0	0	26.29	5.809	-0.01	13.31
9/7/2010 5:00	9879	4.675	133.8	30.85	8.16	1.421	97.8	28.19	4.578	66.02	63.59	65.87	67.02	0	0	26.28	5.81	0.001	13.37
9/7/2010 6:00	9880	5.166	118.6	21.34	8.16	1.589	83.6	16.97	6.368	65.27	62.94	68.97	69.62	0	0	26.29	5.806	-0.004	13.47
9/7/2010 7:00	9881	3.808	88.9	21.53	8.16	1.671	63.75	12.67	4.578	64.39	62.72	76.3	75.12	0	0	26.29	5.806	0	13.46
9/7/2010 8:00	9882	6.31	31.25	22.39	18.89	3.792	30.71	24.27	17.1	64.79	63.98	79.26	76.06	0	5.362	26.32	5.803	-0.004	13.33
9/7/2010 9:00	9883	9.37	35.49	16.07	17.1	5.528	40.08	17.68	13.52	67.31	67.48	76.86	72.58	0	37.48	26.38	5.799	-0.003	13.38
9/7/2010 10:00	9884	9.52	72.06	13.12	15.31	5.979	73.95	20.68	11.74	70.45	71.17	74.69	69.92	0	152.8	26.42	5.802	0.003	13.24
9/7/2010 11:00	9885	9.03	82.4	18.27	17.1	6.091	82.7	26.48	13.52	74.98	77.14	65.75	59.97	0	531.7	26.46	5.797	-0.004	13.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/7/2010 12:00	9886	9.56	93.7	19.78	17.1	6.515	96.2	29.59	15.31	79.43	82.7	57.7	51.48	0	726.4	26.5	5.793	-0.004	14.1
9/7/2010 13:00	9887	9.6	77.25	25.19	18.89	6.383	78.24	33.09	13.52	81.6	84.7	53.22	47.39	0	754.8	26.51	5.79	-0.003	13.09
9/7/2010 14:00	9888	10.61	65.11	20.95	20.68	6.894	65.4	26.95	18.89	83.5	86.4	49.12	43.63	0	791.1	26.5	5.777	-0.013	13.03
9/7/2010 15:00	9889	13.22	68.26	16.94	24.26	8.37	69.35	24.23	17.1	84.8	87.8	46.27	40.78	0	732.6	26.49	5.761	-0.016	12.94
9/7/2010 16:00	9890	15.35	81.2	15.62	26.05	9.7	84.5	24.43	22.47	85.4	88.3	44.98	39.74	0	747.4	26.46	5.739	-0.022	14.42
9/7/2010 17:00	9891	15.89	97.1	12.56	29.63	10.18	100.9	22.27	24.26	81.7	83.1	55.79	51.55	0	217.1	26.45	5.717	-0.022	13.11
9/7/2010 18:00	9892	17.22	97.2	13.49	29.63	11.02	102	23.21	20.68	81.1	82.7	55.69	51.07	0	441.9	26.42	5.699	-0.018	13.05
9/7/2010 19:00	9893	13.38	110.1	14.63	24.26	8.32	114.7	24.48	18.89	79.77	81.5	58.23	53.37	0	348.4	26.42	5.682	-0.016	14.98
9/7/2010 20:00	9894	10.61	117.4	12.42	17.1	6.513	124.6	22.62	13.52	77.85	78.34	61.28	57.85	0	119.6	26.41	5.674	-0.009	13.18
9/7/2010 21:00	9895	8.71	102.4	10.36	15.31	5.244	107.6	21.39	11.74	75.18	74.78	64.46	61.84	0	1.705	26.41	5.662	-0.012	14.94
9/7/2010 22:00	9896	8.12	100.8	10.45	13.52	4.942	105.8	19.99	11.74	72.82	72.35	71.09	68.29	0	0.004	26.41	5.652	-0.009	13.06
9/7/2010 23:00	9897	6.66	79.4	12.02	11.74	3.841	81.5	21.1	8.16	70.62	70.06	77.31	74.37	0	0.002	26.42	5.643	-0.009	13.25
9/8/2010 0:00	9898	7.029	62.3	8.49	9.95	4.255	64.85	15.69	8.16	68.46	68.19	83.6	79.64	0	0.001	26.41	5.641	-0.003	13.89
9/8/2010 1:00	9899	7.18	55.16	9.72	13.52	4.304	59.06	16.63	9.95	67.08	66.9	89.1	84.8	0	0.001	26.4	5.638	-0.003	13.6
9/8/2010 2:00	9900	6.448	56.67	9.65	11.74	3.795	61.84	16.6	8.16	66.36	66.16	91	86.9	0	0.001	26.39	5.634	-0.003	13.4
9/8/2010 3:00	9901	5.386	50.38	11.14	9.95	3.043	55.24	16.45	8.16	66.19	66.13	90.2	86.3	0	0	26.38	5.631	-0.003	13.39
9/8/2010 4:00	9902	5.504	37.1	21.11	9.95	3.672	40.76	24.35	6.368	66.39	67.06	86.8	82.4	0	0.001	26.37	5.631	0	13.33
9/8/2010 5:00	9903	5.642	19.39	10.81	9.95	3.893	24.04	13.28	8.16	66.94	67.94	83.3	78.52	0	0.001	26.37	5.631	0	13.37
9/8/2010 6:00	9904	6.566	10.49	17.04	11.74	4.743	13.54	19.29	9.95	67.2	68.28	81	76.4	0	0.001	26.37	5.628	-0.003	13.87
9/8/2010 7:00	9905	7.782	358	15.28	13.52	5.882	1.235	15.78	11.74	67.19	68.33	79.13	74.56	0	0	26.36	5.625	-0.003	14.73
9/8/2010 8:00	9906	5.393	343.9	15.17	11.74	3.834	347.2	16.65	9.95	66	66.91	81.3	77.12	0	6.558	26.36	5.625	0	13.32
9/8/2010 9:00	9907	5.947	348.4	14.11	9.95	4.661	350.1	15.24	8.16	66.84	68.1	80	75.29	0	66.11	26.37	5.622	-0.003	13.25
9/8/2010 10:00	9908	7.582	346	19.05	11.74	6.014	350.1	21.92	11.74	69.95	71.58	72.17	67.22	0	195.8	26.38	5.621	-0.001	14.07
9/8/2010 11:00	9909	8.09	355.7	18.16	15.31	6.326	359.5	21.58	13.52	71.76	73.68	67.29	62.07	0	357.3	26.41	5.62	-0.001	13.29
9/8/2010 12:00	9910	7.465	352.9	26.58	15.31	5.823	356.3	28.57	13.52	74.12	76.36	62.88	57.38	0	538.3	26.43	5.613	-0.006	13.78
9/8/2010 13:00	9911	7.477	9.35	21.99	17.1	5.684	11.27	26.84	15.31	77.32	79.91	56.73	51.12	0	769	26.44	5.609	-0.004	14.1
9/8/2010 14:00	9912	7.638	7.362	30.19	13.52	5.748	9.64	33.56	13.52	79.67	82.3	53.1	47.36	0	763.5	26.44	5.594	-0.016	13.29
9/8/2010 15:00	9913	5.534	16.33	52.08	13.52	4.316	16.11	55.11	11.74	82.8	84.7	48.01	43.15	0	772	26.43	5.581	-0.013	13.05
9/8/2010 16:00	9914	6.412	355.5	64.12	13.52	4.991	358.6	62.47	11.74	85.2	87	43.97	39.19	0	859	26.41	5.565	-0.016	13.03
9/8/2010 17:00	9915	4.002	36.7	51.84	11.74	3.125	39.83	55.16	8.16	85.1	86.7	42.25	38.44	0	465.4	26.39	5.546	-0.019	13
9/8/2010 18:00	9916	3.693	87.9	67.02	9.95	3.003	92.3	75.78	8.16	88.2	89.8	37.56	33.99	0	533.9	26.37	5.53	-0.016	13.1
9/8/2010 19:00	9917	3.03	67.35	38.46	8.16	2.44	68.59	44.05	6.368	87.7	88.5	37.02	34.33	0	318.8	26.36	5.511	-0.019	13.13
9/8/2010 20:00	9918	2.435	60.83	67.42	8.16	2.059	56.19	63.53	8.16	86.1	85.7	37.91	36.43	0	102.1	26.34	5.502	-0.01	13.15
9/8/2010 21:00	9919	4.936	109.6	10.71	8.16	2.183	110.4	17.66	4.578	80.2	77.79	46.32	47.85	0	1.311	26.32	5.493	-0.008	15.14
9/8/2010 22:00	9920	6.62	108	7.205	9.95	2.943	98.9	14.83	6.368	75.97	73.36	53.1	54.4	0	0.006	26.31	5.484	-0.009	15.11
9/8/2010 23:00	9921	7.658	122.5	11.58	11.74	3.837	124.6	20.57	6.368	73.99	72.57	57.72	57.21	0	0.002	26.31	5.475	-0.009	13.2
9/9/2010 0:00	9922	6.477	152.9	8.52	9.95	3.067	155.1	15.85	6.368	71.73	70.55	65.6	64.15	0	0.001	26.31	5.466	-0.009	13.3
9/9/2010 1:00	9923	3.537	177.6	17.02	6.368	0.463	176.4	5.217	2.789	69.45	67.88	71.96	71.06	0	0.001	26.31	5.463	-0.003	14.98
9/9/2010 2:00	9924	2.764	175.3	22.2	6.368	0.747	125.4	19.9	4.578	68.57	67.19	73.1	72.7	0	0.001	26.3	5.46	-0.003	13.23
9/9/2010 3:00	9925	2.59	197.9	24.68	6.368	0.464	156	22.36	4.578	67.13	65.96	75.59	74.66	0	0	26.29	5.457	-0.003	13.28
9/9/2010 4:00	9926	2.934	213.9	18.18	6.368	0.394	230.7	13.83	4.578	66.2	65.04	77.27	76.41	0	0	26.28	5.454	-0.003	13.36
9/9/2010 5:00	9927	3.105	127	11.45	8.16	2.179	85.4	10.98	4.578	65.8	64.13	78.24	78.22	0	0	26.26	5.454	0	13.3
9/9/2010 6:00	9928	5.113	138.8	18.86	8.16	1.887	129.7	27.54	4.578	65.56	64.71	80.5	79.36	0	0	26.25	5.45	-0.003	13.3
9/9/2010 7:00	9929	4.674	165	13.73	8.16	1.983	170.7	18.2	4.578	65.69	65.64	82.1	79.61	0	0	26.26	5.447	-0.003	13.35
9/9/2010 8:00	9930	4.047	164.6	13.11	8.16	1.925	173.2	17.41	4.578	66.82	67.33	82.9	79.31	0	11	26.27	5.447	0	14.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/9/2010 9:00	9931	6.514	176.3	11.19	11.74	4.091	186.1	17.55	8.16	68.86	69.81	83.7	79.2	0	39.26	26.29	5.444	-0.003	13.31
9/9/2010 10:00	9932	10.46	172.3	11.33	18.89	6.438	180.9	18.38	13.52	72.43	74.04	80.5	75.3	0	218.5	26.31	5.446	0.002	14.88
9/9/2010 11:00	9933	11.11	176.4	11.99	18.89	7.294	186.1	19.27	13.52	76.11	78.84	72.55	66.44	0	413.2	26.34	5.446	-0.001	13.24
9/9/2010 12:00	9934	10.76	184.4	13.49	18.89	7.317	192.9	19.48	15.31	79.53	83	64.74	58.2	0	660.5	26.37	5.441	-0.004	13.66
9/9/2010 13:00	9935	11.98	189.8	18.97	18.89	8.34	198.8	21.98	15.31	84.4	88	51.27	45.63	0	824	26.38	5.432	-0.01	13.18
9/9/2010 14:00	9936	10.18	199.6	21.52	20.68	7.286	207.3	24.35	15.31	88.9	92.1	41.08	36.25	0	879	26.38	5.416	-0.016	12.91
9/9/2010 15:00	9937	11.42	205.5	22.68	22.47	8.18	211.9	25.25	15.31	91.3	94.6	35.73	31.05	0	833	26.36	5.391	-0.025	13.08
9/9/2010 16:00	9938	12.34	211.6	16.07	20.68	8.69	217.6	18.05	18.89	91.7	93.9	34.19	30.42	0	523.8	26.33	5.359	-0.032	12.88
9/9/2010 17:00	9939	13.5	217	19.43	24.26	9.84	223.4	20.87	18.89	93.7	96.1	31.13	27.25	0	724.8	26.3	5.33	-0.029	13.2
9/9/2010 18:00	9940	12.71	231.4	17.14	20.68	9.24	236.6	17.51	18.89	92.1	93.5	31.27	28.19	0	273.2	26.29	5.296	-0.035	13.99
9/9/2010 19:00	9941	13.41	213.3	15.26	36.78	8.95	218.6	17.32	24.26	90.7	91.8	34.09	31.09	0	200.2	26.27	5.267	-0.029	13.25
9/9/2010 20:00	9942	13.78	179.6	9.87	29.63	8.66	187.3	16.14	24.26	81.4	82.3	54.2	50.87	0	95.7	26.27	5.229	-0.038	15.16
9/9/2010 21:00	9943	8.71	177.2	8.74	15.31	5.115	184.7	15.67	11.74	79.7	79.68	52.19	50.21	0	2.598	26.26	5.224	-0.005	15.11
9/9/2010 22:00	9944	9.57	177.7	12.63	15.31	5.825	184.8	18.35	11.74	77.86	78.04	54.43	52.08	0	0.011	26.27	5.211	-0.012	13.24
9/9/2010 23:00	9945	14.87	197.7	9.17	26.05	9.77	203.5	14.04	20.68	76.01	76.51	61.83	58.68	0	0.007	26.29	5.199	-0.012	15.45
9/10/2010 0:00	9946	7.512	193.2	14.91	17.1	4.717	197.4	19.31	11.74	74.69	75.06	66.42	63.65	0	0.007	26.27	5.193	-0.006	14.53
9/10/2010 1:00	9947	4.987	210.1	14.84	15.31	2.759	212.7	16.09	8.16	71.65	71.71	70.2	67.72	0	0.004	26.26	5.19	-0.003	15.37
9/10/2010 2:00	9948	3.346	204.4	30.88	8.16	1.451	187.1	32.5	4.578	69.68	69.29	73.43	71.91	0	0.002	26.25	5.187	-0.002	15.34
9/10/2010 3:00	9949	5.829	189.8	9.79	9.95	2.916	189.6	15.78	6.368	69.06	68.15	74.32	73.81	0	0.001	26.24	5.184	-0.003	14.95
9/10/2010 4:00	9950	7.372	209	11.6	13.52	4.697	213.5	15.86	9.95	69.37	69.6	76.66	73.97	0	0.001	26.24	5.181	-0.003	13.48
9/10/2010 5:00	9951	5.765	203	17.17	11.74	3.174	206.7	20.27	9.95	68.54	68.85	78.84	75.99	0	0.001	26.24	5.178	-0.003	13.42
9/10/2010 6:00	9952	3.706	150.9	19.52	6.368	1.338	114.5	18.72	4.578	66.72	66.23	83.9	82	0	0.001	26.24	5.178	0	15.35
9/10/2010 7:00	9953	3.519	222.5	16.84	6.368	1.208	240.3	25.64	4.578	66.49	65.89	85.2	83.3	0	0	26.24	9.44	4.258	13.47
9/10/2010 8:00	9954	5.033	254.4	17.09	8.16	2.195	269.5	30.14	4.578	65.7	65.21	87.6	85.1	0	10.88	26.25	9.44	0	13.42
9/10/2010 9:00	9955	4.105	256.4	14.87	8.16	2.497	257.2	20.92	6.368	67.85	69.25	83.2	78.34	0	90.8	26.28	9.44	0	14.95
9/10/2010 10:00	9956	7.196	283.9	12.45	13.52	5.649	291.2	16.75	11.74	73.14	74.52	65.35	61.42	0	238.4	26.32	9.43	-0.002	13.32
9/10/2010 11:00	9957	8.18	295.7	15	15.31	6.662	302.7	19.19	13.52	79.88	81.1	42.77	40.15	0	402.4	26.35	9.43	-0.001	13.17
9/10/2010 12:00	9958	12.52	302.8	16.3	27.84	10.1	308.6	20.15	20.68	85.8	87.7	27.71	24.54	0	746	26.39	9.43	0.002	13.24
9/10/2010 13:00	9959	10.74	284	20.09	22.47	8.5	289.8	23.84	17.1	88.3	90.5	23.67	20.16	0	854	26.41	9.43	0	13.02
9/10/2010 14:00	9960	10.47	268.7	24.29	20.68	8.37	272.9	29.34	18.89	89.9	92.2	21.64	18.05	0	916	26.41	9.43	0	13.31
9/10/2010 15:00	9961	10.54	250.9	21.12	20.68	8.34	255.2	22.14	17.1	91.8	94.1	17.61	14.21	0	913	26.4	9.43	0	13.15
9/10/2010 16:00	9962	10.71	258.2	28.53	20.68	8.42	262.9	31.81	17.1	92.8	94.7	16.53	13.13	0	838	26.39	9.43	0	13.04
9/10/2010 17:00	9963	11.3	247.1	17.46	20.68	8.78	250.5	20.2	17.1	92.8	94.7	14.53	11.37	0	709.9	26.37	9.43	-0.003	13.06
9/10/2010 18:00	9964	11.32	248.6	20.53	20.68	8.68	252.4	22.58	15.31	92.7	94.3	14.93	11.83	0	532.1	26.35	9.41	-0.022	13.16
9/10/2010 19:00	9965	12.16	251	16.61	20.68	9.16	253.5	17.94	18.89	91.8	92.6	15.07	12.36	0	320.4	26.34	9.37	-0.035	14.07
9/10/2010 20:00	9966	9.89	248.6	9.03	18.89	7.112	250.3	11.05	15.31	89.4	89.2	17.03	14.97	0	101.4	26.34	9.35	-0.029	15.39
9/10/2010 21:00	9967	5.825	252.2	6.285	9.95	2.507	251.8	8.86	4.578	83.7	81.3	22.39	22.69	0	1.065	26.33	9.33	-0.021	13.21
9/10/2010 22:00	9968	3.281	268.5	15.25	8.16	0.433	217.7	38.36	4.578	79.3	75.55	26.54	29.34	0	0.003	26.32	9.31	-0.011	15.22
9/10/2010 23:00	9969	6.06	167.4	12.96	11.74	2.506	153.9	19.7	6.368	74.39	70.77	33.76	35.92	0	0.001	26.32	9.3	-0.011	13.39
9/11/2010 0:00	9970	5.332	158	14.2	9.95	1.762	137	19.9	4.578	70.62	67.81	46.78	47.23	0	0	26.32	9.29	-0.009	15.37
9/11/2010 1:00	9971	3.237	183.1	20.16	8.16	0.75	192.2	22.57	4.578	67.35	65.83	59.53	59.21	0	0	26.31	9.29	-0.006	14.15
9/11/2010 2:00	9972	2.17	177.7	21.5	6.368	0.253	114.8	18.99	2.789	65.5	63.94	63.79	63.79	0	0	26.3	9.28	-0.009	13.5
9/11/2010 3:00	9973	2.846	223.6	29.9	6.368	0.142	348.2	1.545	2.789	64.16	61.24	65.83	68.29	0	0	26.28	9.27	-0.008	13.53
9/11/2010 4:00	9974	6.433	296.9	15.46	11.74	3.292	304.4	11.42	9.95	65.47	62.24	47.77	55.64	0	0	26.27	9.26	-0.009	13.53
9/11/2010 5:00	9975	8.88	314.5	8.93	15.31	6.057	316.8	10.65	11.74	64.26	63.93	40.12	39.41	0	0	26.28	9.25	-0.01	13.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
9/11/2010 6:00	9976	10.22	332.4	9.56	15.31	6.591	337.1	14.61	11.74	67.11	66.14	31.73	31.59	0	0	26.3	9.24	-0.007	14.94	
9/11/2010 7:00	9977	8.83	342.7	11.6	15.31	5.595	350.6	16.8	11.74	70.24	69.06	24.6	24.32	0	0	26.32	9.23	-0.01	14.6	
9/11/2010 8:00	9978	5.218	343.2	17.13	8.16	2.962	352.8	22.3	6.368	67.63	66.77	25.31	24.97	0	15.12	26.34	9.22	-0.013	13.61	
9/11/2010 9:00	9979	10.93	329.6	9.13	18.89	8.31	334	11.92	17.1	68.43	69.35	23.58	21.04	0	191	26.36	9.21	-0.01	13.4	
9/11/2010 10:00	9980	14.72	344.4	11.87	22.47	11.12	347.8	14.58	20.68	74.13	75.33	18.01	15.18	0	359.5	26.41	9.2	-0.012	13.97	
9/11/2010 11:00	9981	12.32	2.844	13.02	24.26	9.24	7.157	16.88	18.89	76.74	78.6	19.23	15.75	0	611	26.46	9.19	-0.007	13.31	
9/11/2010 12:00	9982	9.06	10.87	17.51	15.31	6.533	14.99	20.68	13.52	81.1	83.1	17.96	14.48	0	735.1	26.5	9.18	-0.011	15.27	
9/11/2010 13:00	9983	8.37	12.5	19.19	18.89	6.055	17.54	21.35	15.31	84.7	87.1	21.15	17.26	0	889	26.52	9.17	-0.01	13.01	
9/11/2010 14:00	9984	7.811	354.3	21.74	17.1	6.212	357.2	24.77	15.31	87.6	90	24.28	20.13	0	933	26.53	9.16	-0.01	13.12	
9/11/2010 15:00	9985	6.667	354	35.01	17.1	5.217	356.7	36.93	15.31	90.8	93.2	21.04	17.12	0	855	26.53	9.15	-0.013	13.85	
9/11/2010 16:00	9986	6.897	268.8	59.28	15.31	5.746	276.8	58.55	13.52	92.7	94.3	15.06	11.68	0	805	26.51	9.13	-0.019	13.17	
9/11/2010 17:00	9987	7.246	301.8	44.27	18.89	5.955	306.9	47.3	17.1	93.2	94.8	13.19	9.71	0	713.5	26.5	9.11	-0.019	15.15	
9/11/2010 18:00	9988	5.675	310.6	51.75	15.31	4.823	314.4	48.44	13.52	93.8	94.7	11.74	8.52	0	530.3	26.48	9.09	-0.022	13.09	
9/11/2010 19:00	9989	4.434	322.9	63.03	13.52	3.602	327.3	60.17	11.74	93.3	93.7	11.01	8.16	0	316.1	26.47	9.07	-0.019	13.04	
9/11/2010 20:00	9990	6.582	8.71	17.49	11.74	4.405	14.3	20.25	9.95	90.1	89.8	13.33	10.81	0	95.2	26.47	9.05	-0.019	13.56	
9/11/2010 21:00	9991	7.088	38.11	8.47	11.74	3.441	46.36	14.04	6.368	83.2	81.7	19.62	18.45	0	0.567	26.46	9	-0.046	14.47	
9/11/2010 22:00	9992	8.56	77.53	15.76	13.52	4.247	78.52	20.43	9.95	76.72	74.76	29.7	28.76	0	0.006	26.45	8.98	-0.021	15.43	
9/11/2010 23:00	9993	8.59	77.7	7.495	11.74	4.206	77.14	16.93	8.16	75.59	73.68	34.14	33.61	0	0.002	26.45	8.96	-0.022	13.62	
9/12/2010 0:00	9994	11.34	74.66	8.57	20.68	6.323	73.83	18.44	15.31	74.03	72.85	37.12	35.79	0	0.002	26.45	8.95	-0.012	13.28	
9/12/2010 1:00	9995	12.59	69.95	10.78	20.68	7.498	71.82	18.76	15.31	72.17	72.06	61.26	58.38	0	0.006	26.45	8.94	-0.013	15.08	
9/12/2010 2:00	9996	10.35	59.79	8.61	15.31	6.203	63.45	16.83	11.74	69.39	69.48	72.48	69.27	0	0.004	26.45	8.93	-0.009	15.37	
9/12/2010 3:00	9997	10.73	62.47	7.543	15.31	6.636	65.47	15.88	11.74	68.52	68.69	77.73	74.37	0	0.001	26.46	8.92	-0.006	13.83	
9/12/2010 4:00	9998	10.07	59.73	8.34	15.31	6.111	63.61	16.44	11.74	67.57	67.94	83.2	79.29	0	0.002	26.46	8.92	-0.003	13.69	
9/12/2010 5:00	9999	12.9	69.7	10.13	20.68	7.771	71.59	18.74	15.31	68.85	69.53	87.9	83.3	0	0.003	26.46	8.92	0	13.49	
9/12/2010 6:00	10000	11.45	74.16	10.51	20.68	6.857	75.49	19.38	15.31	69.83	70.56	87.8	83.2	0	0.005	26.48	8.92	0	15.35	
9/12/2010 7:00	10001	10.39	74.91	9.28	18.89	6.125	77.76	18.63	13.52	69.5	69.98	88.2	84.2	0	0.002	26.48	8.92	0	14.29	
9/12/2010 8:00	10002	9.15	73	8.76	15.31	5.381	73.8	18.16	11.74	69.07	69.3	89.4	85.7	0	6.113	26.5	8.92	-0.003	13.51	
9/12/2010 9:00	10003	10.82	76.76	9.03	17.1	6.455	78.32	19.09	11.74	70.1	70.8	87.5	82.6	0	108	26.51	8.92	-0.001	14.4	
9/12/2010 10:00	10004	11.41	90.7	13.25	17.1	7.396	93.4	22.96	13.52	72.77	74.24	81.3	74.99	0	271.3	26.54	8.91	-0.001	13.39	
9/12/2010 11:00	10005	10.27	102.7	17.18	17.1	6.812	105.9	26.26	11.74	74.93	77.68	74.92	68.33	0	372.4	26.58	8.91	-0.001	15.46	
9/12/2010 12:00	10006	7.992	117.1	22.97	17.1	5.519	123.8	31.98	13.52	78.72	82.2	67.32	60.93	0	585.2	26.6	8.91	-0.004	13.41	
9/12/2010 13:00	10007	7.01	123	29.66	15.31	5.009	129	40.94	13.52	82.1	85.6	60.81	54.88	0	577.7	26.61	8.91	-0.004	15.38	
9/12/2010 14:00	10008	6.629	123.8	31.74	15.31	4.639	130.6	43.05	11.74	84.5	87.6	53.7	48.68	0	509.3	26.61	8.9	-0.006	14.97	
9/12/2010 15:00	10009	8.54	119.2	27.95	17.1	5.804	124.4	35.72	13.52	85.8	89	50.45	45.58	0	545.1	26.58	8.89	-0.01	13.23	
9/12/2010 16:00	10010	11.09	132.5	15.66	22.47	6.72	140.5	23.88	15.31	82.2	84.1	57.93	55.05	0	190.8	26.56	8.88	-0.01	14.22	
9/12/2010 17:00	10011	13.39	132.5	13.36	26.05	8.03	140.5	21.36	20.68	74.59	75.41	70.43	68.01	0	84	26.52	8.86	-0.024	13.33	
9/12/2010 18:00	10012	5.456	131	32.91	13.52	3.436	136.3	35.99	9.95	75.7	76.43	70.59	68.3	0	51.87	26.48	8.85	-0.008	13.32	
9/12/2010 19:00	10013	4.424	134.2	45.66	11.74	3.043	136.9	46.43	8.16	79.43	80.6	62.2	59.3	0	199	26.47	8.84	-0.011	13.38	
9/12/2010 20:00	10014	5.783	100.9	16.6	9.95	3.358	106.2	21.86	8.16	81.4	81.7	56.09	54.82	0	74.35	26.49	8.83	-0.003	13.36	
9/12/2010 21:00	10015	7.04	90.3	8.49	9.95	3.969	92.1	17.26	6.368	77.13	76.61	66.56	65.46	0	0.662	26.49	8.82	-0.013	15.37	
9/12/2010 22:00	10016	8.37	107.3	15.31	15.31	4.878	108.1	24.87	9.95	75.48	75.11	71.3	70	0	0.005	26.49	8.81	-0.008	13.25	
9/12/2010 23:00	10017	8.55	119.6	10.29	13.52	4.9	123.6	21.15	9.95	74.21	74.33	75.03	72.78	0	0.003	26.5	8.81	-0.006	13.61	
9/13/2010 0:00	10018	7.638	123.1	9.4	11.74	4.351	127.1	19.83	8.16	72.79	72.82	76.87	74.82	0	0.004	26.5	8.8	-0.003	15.75	
9/13/2010 1:00	10019	6.794	128.8	8.88	11.74	3.543	131.4	18.33	6.368	71.21	71.07	78.93	77.19	0	0.001	26.49	8.8	-0.003	14.34	
9/13/2010 2:00	10020	6.612	142.1	7.867	9.95	3.307	146.3	17.38	8.16	70.27	69.97	78.67	77.28	0	0.001	26.48	8.8	-0.002	13.57	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/13/2010 3:00	10021	5.517	153.4	11.37	9.95	2.129	156.4	16.98	4.578	68.65	68.15	81.4	80	0	0.001	26.46	8.8	-0.003	13.61
9/13/2010 4:00	10022	4.837	140.3	6.318	8.16	1.231	126.9	9.65	4.578	67.37	66.42	83.5	83	0	0	26.45	8.79	-0.006	13.49
9/13/2010 5:00	10023	2.165	161	22.27	6.368	0.05	91	3.486	2.789	66.92	66.28	83.7	82.9	0	0.001	26.45	8.79	-0.003	13.56
9/13/2010 6:00	10024	3.458	173.5	9.08	6.368	0.652	159.8	11.07	2.789	67.37	66.25	80.5	81.2	0	0	26.45	8.78	-0.003	13.36
9/13/2010 7:00	10025	6.212	150	7.39	8.16	2.165	141.2	13.48	4.578	67	65.39	79.72	81.5	0	0	26.45	8.78	-0.003	13.57
9/13/2010 8:00	10026	6.02	127	11.36	8.16	2.441	114.7	16.41	6.368	66.47	65.88	80.7	80.9	0	16.66	26.46	8.78	-0.003	15.7
9/13/2010 9:00	10027	7.844	128.6	15.61	15.31	4.72	132.5	25.72	11.74	69.43	71.11	78.06	73.74	0	143.9	26.48	8.78	-0.001	13.44
9/13/2010 10:00	10028	13.01	154.8	10.15	20.68	8	162.1	18.55	15.31	73.75	75.96	72.54	67.4	0	334.7	26.51	8.77	-0.002	13.29
9/13/2010 11:00	10029	12.44	156.6	12.88	18.89	7.752	164	20.36	15.31	77.33	80.1	66.01	60.48	0	449.4	26.55	8.77	-0.004	13.17
9/13/2010 12:00	10030	11.37	150.6	17.59	18.89	7.396	158	24.48	13.52	81.7	85.3	54.56	49.03	0	699.6	26.57	8.77	-0.004	13.06
9/13/2010 13:00	10031	12.23	146.2	19.49	20.68	7.909	154.3	26.11	15.31	85.4	89.4	45.31	39.94	0	818	26.58	8.75	-0.013	12.82
9/13/2010 14:00	10032	12.34	151.1	22.37	22.47	8.2	158.7	30.32	18.89	86.8	91.2	41.03	35.57	0	875	26.57	8.73	-0.022	14.07
9/13/2010 15:00	10033	11.71	150.9	21.13	22.47	7.756	159.2	28.49	17.1	88.4	92.7	38.1	32.8	0	867	26.55	8.71	-0.019	15
9/13/2010 16:00	10034	11.58	144.3	22.67	20.68	7.608	151.2	29.11	17.1	89.4	93.5	34.26	29.37	0	798.7	26.53	8.69	-0.025	14.85
9/13/2010 17:00	10035	12.18	147	21.03	27.84	7.975	155.1	29.25	22.47	89.8	93.4	34.34	29.67	0	647.2	26.5	8.66	-0.029	12.88
9/13/2010 18:00	10036	12.99	140.1	19.49	24.26	8.18	148.2	26.67	17.1	89.8	92.9	36.39	32.04	0	500.7	26.49	8.63	-0.029	13.14
9/13/2010 19:00	10037	12.13	143	11.14	22.47	7.354	150.4	18.59	17.1	88	88.8	39.46	36.45	0	149	26.47	8.6	-0.025	13.15
9/13/2010 20:00	10038	10.09	147.5	10.2	17.1	5.825	154.8	17.58	11.74	86	86.3	42.15	39.79	0	65.53	26.46	8.58	-0.028	13.35
9/13/2010 21:00	10039	7.823	137	7.119	11.74	4.24	141.6	16.3	8.16	82.1	81.1	47.42	46.13	0	0.257	26.46	8.56	-0.018	14.89
9/13/2010 22:00	10040	6.483	131.9	9.64	9.95	3.068	129.4	20.32	6.368	78.79	77.72	51.96	51.46	0	0.017	26.47	8.55	-0.012	14.96
9/13/2010 23:00	10041	6.501	129.4	6.273	9.95	2.805	119.3	15.61	6.368	77.27	75.4	54.41	55.3	0	0.009	26.48	8.54	-0.008	15.39
9/14/2010 0:00	10042	8.21	142.6	6.862	11.74	4.24	145.8	14.88	8.16	76.17	75.35	56.94	55.98	0	0.007	26.47	8.53	-0.009	15.15
9/14/2010 1:00	10043	6.985	153.5	8.08	13.52	3.575	158	15.37	8.16	74.41	73.93	60.06	58.66	0	0.005	26.46	8.52	-0.01	13.44
9/14/2010 2:00	10044	4.515	211.1	42.97	8.16	2.043	226.9	45.87	4.578	71.73	71.2	65.21	63.8	0	0.002	26.46	8.51	-0.005	15.38
9/14/2010 3:00	10045	5.037	248.4	22.4	8.16	3.065	257.7	24.89	6.368	72.04	71.64	64.11	63.02	0	0.001	26.46	8.51	-0.007	13.51
9/14/2010 4:00	10046	5.105	247.6	19.02	9.95	2.682	254.7	23.38	8.16	71.5	71.31	64.1	62.8	0	0.002	26.45	8.5	-0.003	13.5
9/14/2010 5:00	10047	3.82	211.4	10.6	6.368	1.118	183.7	17.89	2.789	70.75	69.17	65.62	66.54	0	0.002	26.44	8.5	-0.003	15.56
9/14/2010 6:00	10048	4.487	211.6	11.74	8.16	0.795	202.9	15.74	4.578	69.97	68.22	67.79	68.72	0	0.002	26.42	8.5	-0.003	15.58
9/14/2010 7:00	10049	7.172	166.2	9.06	11.74	3.337	166.5	14.38	6.368	69.97	69.1	69.39	68.97	0	0.001	26.41	8.49	-0.006	13.35
9/14/2010 8:00	10050	10.16	137.5	9.73	17.1	5.696	142.5	17.46	9.95	69.6	69.76	71.14	68.58	0	12.81	26.42	8.49	-0.003	15.66
9/14/2010 9:00	10051	6.99	131.8	13.25	11.74	4.214	137.7	21.64	9.95	70.76	71.85	71.26	67.49	0	133.9	26.44	8.48	-0.004	13.38
9/14/2010 10:00	10052	10.51	161	12.65	17.1	6.647	168.9	19.7	13.52	73.79	75.99	67.38	62.29	0	266.3	26.48	8.48	-0.005	13.3
9/14/2010 11:00	10053	9.2	166.2	16.87	15.31	6.059	174.4	23.32	11.74	76.23	78.84	64	58.59	0	394.7	26.5	8.47	-0.007	13.47
9/14/2010 12:00	10054	7.306	160	23.36	15.31	5.208	169.4	30.44	11.74	80.7	83.8	55.8	50.53	0	562.7	26.52	8.47	-0.005	13.28
9/14/2010 13:00	10055	9.28	162.1	19.69	18.89	6.387	170.3	26.32	13.52	85.1	89.2	44.7	39.2	0	827	26.53	8.46	-0.01	14.97
9/14/2010 14:00	10056	8.42	167.6	26.69	17.1	6.117	176.2	34.42	13.52	86.8	90.3	41.92	36.96	0	727.6	26.52	8.45	-0.013	13.08
9/14/2010 15:00	10057	7.889	211.2	35.88	17.1	6.021	218.8	37.83	13.52	89.4	92	38.21	33.73	0	658.5	26.5	8.43	-0.019	13.08
9/14/2010 16:00	10058	5.957	189.9	49.05	17.1	4.578	201.1	52.4	13.52	90.8	93.3	37.51	33.15	0	636.4	26.48	8.41	-0.016	14.95
9/14/2010 17:00	10059	7.759	194.2	35.36	17.1	5.618	201	39.34	13.52	91	93.4	35.71	31.54	0	456.8	26.46	8.39	-0.022	15.07
9/14/2010 18:00	10060	6.045	177.8	29.6	17.1	4.145	184.7	35.29	13.52	89.8	90.9	35.65	32.59	0	144.9	26.43	8.37	-0.019	13.27
9/14/2010 19:00	10061	8.56	216.9	39.97	18.89	6.051	224.2	42.07	15.31	87.5	87.7	40.59	37.74	0	55.3	26.42	8.34	-0.029	13.21
9/14/2010 20:00	10062	8.13	305.8	52.28	17.1	5.833	313.6	51.14	11.74	81.5	81.8	52.1	49.11	0	13.17	26.42	8.32	-0.018	15.36
9/14/2010 21:00	10063	7.368	97.2	36.16	15.31	4.477	101.3	38.45	11.74	76.47	75.81	65.64	65.82	0	0.327	26.41	8.31	-0.012	15.56
9/14/2010 22:00	10064	8.96	105.7	10	15.31	5.311	108.9	21.74	11.74	74.19	74.42	68.45	66.06	0	0.004	26.41	8.3	-0.012	13.66
9/14/2010 23:00	10065	8.31	123.7	9.16	15.31	4.68	129.8	19.45	11.74	74.11	74.26	68.81	66.47	0	0.006	26.41	8.29	-0.01	13.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/15/2010 0:00	10066	6.337	121.2	7.233	9.95	3.068	119.8	16.45	6.368	73.76	73.33	68.2	67.36	0	0.003	26.41	8.28	-0.006	13.57
9/15/2010 1:00	10067	7.074	141.6	10.42	18.89	3.395	144.6	16.67	6.368	73.54	72.7	67.93	67.61	0	0.002	26.4	8.27	-0.009	13.55
9/15/2010 2:00	10068	7.304	161.7	7.638	11.74	3.759	168.2	15.84	8.16	72.88	72.61	66.97	65.54	0	0.001	26.4	8.27	-0.003	13.51
9/15/2010 3:00	10069	5.919	163.9	7.179	8.16	2.745	169.3	14.02	4.578	71.48	71.07	69.65	68.45	0	0.002	26.39	8.27	-0.005	14.46
9/15/2010 4:00	10070	4.65	166.2	8.7	8.16	1.398	170.9	10.47	4.578	70.59	70.2	72.1	70.87	0	0.001	26.39	8.27	0	14.7
9/15/2010 5:00	10071	5.649	155.7	9.64	9.95	2.174	156.2	14.86	8.16	70.15	69.55	72.72	71.97	0	0.001	26.38	8.26	-0.003	13.42
9/15/2010 6:00	10072	7.012	157.7	8.71	11.74	3.813	164.4	16.6	8.16	69.93	69.93	72.59	70.48	0	0.002	26.38	8.26	-0.006	13.42
9/15/2010 7:00	10073	7.108	160.6	10.06	11.74	4.111	167.9	17.76	8.16	70.15	70.52	73.92	70.88	0	0.001	26.38	8.25	-0.003	15.56
9/15/2010 8:00	10074	7.838	168	9.25	13.52	4.624	176.8	16.89	9.95	69.74	70.15	78.12	74.68	0	5.335	26.39	8.24	-0.01	13.59
9/15/2010 9:00	10075	7.753	172.2	10.04	13.52	4.786	180.6	16.82	9.95	70.22	71.15	82.2	77.69	0	70.09	26.4	8.24	-0.004	15.65
9/15/2010 10:00	10076	10.78	182.7	12.78	17.1	7.106	190.4	18.59	15.31	73.7	75.13	78.32	72.66	0	288.2	26.42	8.24	-0.001	14.88
9/15/2010 11:00	10077	9.62	188.2	16.13	17.1	6.797	196	20.88	11.74	78.35	80.8	68.07	61.94	0	505.8	26.46	8.23	-0.005	13.19
9/15/2010 12:00	10078	8.3	203	17.38	13.52	6.185	209.6	21.21	11.74	81	83.8	61.48	55.73	0	605.5	26.48	8.23	-0.007	13.1
9/15/2010 13:00	10079	5.724	193.8	29.59	11.74	4.52	199.8	38.17	11.74	87.1	89.6	49.22	44.57	0	802	26.48	8.22	-0.003	14.8
9/15/2010 14:00	10080	6.127	206.2	49.89	13.52	4.865	217.5	50.63	11.74	91.2	93.6	41.23	36.91	0	870	26.48	8.21	-0.01	13.11
9/15/2010 15:00	10081	7.029	230.3	41.49	17.1	5.621	238.7	43.83	13.52	92.8	95.5	36.91	32.25	0	879	26.46	8.2	-0.019	14.97
9/15/2010 16:00	10082	5.886	238.9	43.92	15.31	4.875	245.8	46.43	11.74	94.7	96.8	33.11	29	0	805	26.43	8.18	-0.019	13.7
9/15/2010 17:00	10083	6.975	226.7	58.86	13.52	5.473	234.7	57.12	11.74	95.7	97.9	30.7	26.57	0	749.3	26.41	8.16	-0.016	12.94
9/15/2010 18:00	10084	8.06	182.6	76.07	26.05	5.656	188.8	78.12	18.89	92.8	94.9	34.76	30.63	0	350.2	26.41	8.14	-0.022	13.13
9/15/2010 19:00	10085	11.52	102.3	54.72	47.52	6.726	103.4	59.11	36.78	75.76	75.1	65.28	68.61	0.16	101.1	26.39	8.17	0.033	14.8
9/15/2010 20:00	10086	7.298	127.9	24.47	15.31	4.026	132.9	30.12	9.95	77.95	77.47	67.36	70.48	0	80.3	26.34	8.17	0.001	13.3
9/15/2010 21:00	10087	8.97	139.4	11.01	17.1	4.744	143.1	19.61	11.74	75.46	74.85	67.33	69.05	0	0.525	26.35	8.17	0	13.16
9/15/2010 22:00	10088	7.185	147.8	18.29	11.74	3.854	152.7	24.96	9.95	73.64	73.31	67.5	67.98	0	0.004	26.37	8.17	-0.006	13.19
9/15/2010 23:00	10089	4.576	163.1	23.75	8.16	2.026	177.6	25.52	6.368	71.27	70.99	71.7	73.01	0	0.003	26.38	8.16	-0.005	13.4
9/16/2010 0:00	10090	3.686	194.2	17.47	9.95	1.52	202	17.48	6.368	69.59	69.6	70.27	71.41	0	0.001	26.37	8.16	-0.006	15.47
9/16/2010 1:00	10091	3.819	241.1	15.83	6.368	1.375	261.5	22.79	4.578	69.21	68.86	70.25	74.62	0	0.001	26.36	8.15	-0.003	13.38
9/16/2010 2:00	10092	5.485	248.4	20.93	8.16	2.721	265.7	22.46	6.368	68.4	67.97	71.52	74.35	0	0.001	26.34	8.15	-0.003	13.48
9/16/2010 3:00	10093	5.122	167.4	18.51	9.95	2.312	160	25.7	6.368	66.23	65.94	76.84	78.74	0	0	26.34	8.15	-0.003	15.56
9/16/2010 4:00	10094	3.318	198.2	28.48	9.95	1.58	229.3	28.67	6.368	65.9	65.96	75.67	76.3	0	0	26.34	8.14	-0.01	15.6
9/16/2010 5:00	10095	3.531	126.1	30.95	6.368	1.86	86.4	25.47	4.578	67.31	66.18	72.47	76.71	0	0	26.34	8.14	0	13.31
9/16/2010 6:00	10096	3.085	76.12	23.06	6.368	1.837	61.88	10.33	4.578	68.13	67.81	71.16	73.19	0	0.001	26.34	8.13	-0.003	13.87
9/16/2010 7:00	10097	5.244	60.99	10.85	8.16	3.098	64.31	13.97	6.368	65.36	65.84	79.58	79.13	0	0.001	26.36	8.13	-0.003	15.26
9/16/2010 8:00	10098	5.177	58.42	10.3	8.16	2.882	59.11	13.47	6.368	66.3	66.9	78.58	77.57	0	6.628	26.37	8.13	-0.003	13.7
9/16/2010 9:00	10099	7.367	71.62	11.91	11.74	4.63	72.2	19.01	8.16	66.36	67.95	81.4	77.69	0	75.61	26.39	8.12	-0.003	13.57
9/16/2010 10:00	10100	5.781	101.4	14.67	9.95	3.938	103.8	23.32	8.16	69.08	71.09	81.6	77.34	0	159.6	26.41	8.12	-0.004	13.34
9/16/2010 11:00	10101	6.495	107.3	16.17	11.74	4.484	111	26.83	8.16	72.53	75.35	77.79	72.63	0	358.3	26.44	8.12	0.002	13.62
9/16/2010 12:00	10102	5.907	104.7	20.95	11.74	4.353	109.7	29.09	8.16	78.62	82.1	66.86	61.68	0	652.8	26.48	8.12	-0.001	13.13
9/16/2010 13:00	10103	7.122	89.9	21.31	15.31	5.1	91.9	31.4	11.74	84.1	87.8	55.96	51.11	0	793.8	26.5	8.12	-0.004	13.14
9/16/2010 14:00	10104	10.23	104.5	19.77	20.68	6.98	108.5	28.66	15.31	87.3	91.2	46.68	42.25	0	872	26.5	8.11	-0.006	13.88
9/16/2010 15:00	10105	13.23	118.9	16.59	22.47	8.43	124	25.05	17.1	88.4	91.3	40.69	37.25	0	582.6	26.48	8.09	-0.019	15.08
9/16/2010 16:00	10106	12.97	115.6	11.59	22.47	7.942	121.1	21.94	17.1	86.4	87.5	42.76	40.67	0	222.3	26.44	8.07	-0.019	13.21
9/16/2010 17:00	10107	11.47	124.3	11.01	18.89	7.011	129.7	20.77	13.52	86.2	87	42.02	40.32	0	175	26.41	8.05	-0.019	13.47
9/16/2010 18:00	10108	9.25	137.2	11.46	17.1	5.537	143.7	18.71	13.52	85	85.3	43.99	42.56	0	72.78	26.4	8.03	-0.021	13.71
9/16/2010 19:00	10109	7.82	155	23.56	11.74	4.08	161.6	28.41	8.16	82.6	80.8	49.29	54.64	0.06	12.53	26.4	8.03	-0.006	13.35
9/16/2010 20:00	10110	9.06	215.9	27.74	22.47	5.661	221	27.76	17.1	79.13	76.98	54.04	58.64	0	1.251	26.4	8.03	0.001	13.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/16/2010 21:00	10111	6.669	348.9	51.96	11.74	4.185	356.9	51.35	8.16	74	73.54	69.51	70.69	0.02	0.008	26.41	8.03	0	13.54
9/16/2010 22:00	10112	11.95	299.7	20.96	33.21	8.75	306.8	24.61	26.05	70.65	70.62	78.59	78.02	0.01	0.001	26.43	8.03	0.001	14.85
9/16/2010 23:00	10113	14.19	317.3	9.47	26.05	10.99	323.9	11.38	26.05	66.67	67.07	78.11	75.85	0	0.002	26.43	8.03	-0.003	13.58
9/17/2010 0:00	10114	9.58	335.7	20.06	22.47	7.165	340.7	19.63	20.68	67.1	67.55	74.82	72.78	0	0.002	26.42	8.03	0	13.67
9/17/2010 1:00	10115	20.96	49.16	17.61	36.78	12.58	51.34	21.42	26.05	64.48	65.03	79.41	76.08	0	0.002	26.45	8.02	-0.003	12.26
9/17/2010 2:00	10116	21.62	69.05	9.77	33.21	13.07	70.58	17.93	26.05	62.12	62.47	88.1	84.7	0.01	0	26.43	8.02	0	14.22
9/17/2010 3:00	10117	24.06	78.25	8.81	38.57	13.95	80.6	18.45	26.05	62.52	62.93	88.5	85.4	0.1	0.003	26.42	8.05	0.032	12.36
9/17/2010 4:00	10118	21.85	77.26	9.37	33.21	12.86	79.68	18.17	24.26	61.55	61.99	87.5	84.7	0.24	0.015	26.42	8.2	0.146	12.26
9/17/2010 5:00	10119	17.31	103.3	11.52	29.63	10.81	107.6	21.05	22.47	62.19	62.31	87.2	85	0.17	0.007	26.42	8.31	0.114	14.49
9/17/2010 6:00	10120	14.89	101.2	11.28	24.26	9.33	105.6	20.36	20.68	61.84	61.63	83.4	82.6	0.16	0.004	26.41	8.42	0.102	14.38
9/17/2010 7:00	10121	9.92	112.3	44.1	20.68	5.946	115.9	49.55	15.31	61.53	61.41	85.1	83.7	0.04	0.003	26.38	8.44	0.023	12.61
9/17/2010 8:00	10122	8.1	227.9	13.64	13.52	5.536	235.2	15.21	11.74	61.39	61.76	88.9	86.1	0	0.767	26.38	8.44	-0.001	14.22
9/17/2010 9:00	10123	8.41	233.5	21.93	15.31	5.886	239.1	21.85	11.74	61.35	61.89	88.3	85.5	0	7.774	26.39	8.44	0	12.76
9/17/2010 10:00	10124	7.972	270.7	16.04	11.74	6.281	274.8	17.98	9.95	61.94	62.73	86.4	83.1	0	61.6	26.41	8.44	0	12.19
9/17/2010 11:00	10125	8.23	299	12.83	15.31	6.581	305.5	14.63	11.74	63.42	64.36	85.4	81.6	0	139.6	26.45	8.44	0	12.12
9/17/2010 12:00	10126	7.014	332.7	35.29	13.52	5.594	338.1	35.52	11.74	65.94	67.19	81.2	77.27	0	303.3	26.48	8.44	0	12.52
9/17/2010 13:00	10127	7.41	44.97	17.62	13.52	4.704	47.58	20.76	9.95	67.42	68.52	78	74.17	0	207.8	26.51	8.44	0.002	12.19
9/17/2010 14:00	10128	6.851	47.92	20.66	11.74	4.511	48.15	25.79	8.16	70.79	72.9	70.89	66.33	0	721.2	26.51	8.44	-0.001	12.27
9/17/2010 15:00	10129	6.112	75.76	24.66	11.74	4.448	74.95	32.81	9.95	74.73	77.52	64.61	59.62	0	794.3	26.52	8.44	-0.001	12.32
9/17/2010 16:00	10130	4.287	18.54	59.58	9.95	3.482	9.08	63.39	9.95	78.44	79.65	58.51	55.43	0	726.4	26.51	8.44	0	14.6
9/17/2010 17:00	10131	4.103	19.83	51.69	9.95	3.484	15.04	53.29	9.95	81.3	81.9	53.73	51.31	0	645.4	26.5	8.44	0.003	13.11
9/17/2010 18:00	10132	5.004	134.3	40.43	11.74	3.542	145.7	49.41	9.95	81.5	82.9	52.22	49.42	0	371	26.48	8.44	-0.003	12.96
9/17/2010 19:00	10133	6.879	135	17.69	13.52	4.513	142.1	25.7	9.95	81.1	81.9	51.34	49.45	0	247.2	26.46	8.43	-0.003	13.04
9/17/2010 20:00	10134	6.115	110.8	7.197	9.95	3.28	113.9	17.04	8.16	78.71	78.07	57.09	58.02	0	58.65	26.45	8.42	-0.008	13.05
9/17/2010 21:00	10135	6.1	112.6	6.098	8.16	2.566	109.1	13.6	4.578	74.03	71.79	67.12	70.96	0	0.24	26.44	8.42	-0.005	12.99
9/17/2010 22:00	10136	7.633	115.6	7.222	9.95	3.88	119.6	17.38	8.16	72.05	70.34	72.32	73.5	0	0.004	26.44	8.41	-0.005	14.06
9/17/2010 23:00	10137	7.756	106.1	8.01	13.52	4.235	108.1	19.93	8.16	71.34	70.2	75.35	74.94	0	0.004	26.44	8.41	-0.006	13.05
9/18/2010 0:00	10138	7.081	104.1	8.54	11.74	4.139	106.5	19.97	9.95	72.22	71.49	73.3	72.26	0	0.005	26.45	8.41	-0.003	12.21
9/18/2010 1:00	10139	6.422	96.7	8.45	9.95	3.869	96.9	17.69	8.16	71.67	70.92	75.14	74.16	0	0.009	26.45	8.4	-0.003	12.16
9/18/2010 2:00	10140	7.102	90.8	9.57	11.74	4.158	90.2	17.71	8.16	70.4	69.5	76.85	75.96	0	0.008	26.44	8.4	-0.003	12.13
9/18/2010 3:00	10141	8.86	126.9	12.33	15.31	5.188	131.1	20.71	9.95	69.63	68.92	77.56	75.84	0	0.002	26.44	8.4	-0.003	12.2
9/18/2010 4:00	10142	4.99	144.2	14.28	8.16	1.741	142.9	18.79	6.368	67.6	66.25	83.4	82.5	0	0.003	26.43	8.39	-0.003	12.23
9/18/2010 5:00	10143	3.825	163.3	10.3	6.368	0.872	154	11.42	2.789	66.14	64.51	86.9	86.3	0	0.001	26.41	8.39	-0.003	12.26
9/18/2010 6:00	10144	1.472	186.6	10.15	4.578	0.001	349.7	0	2.789	65.88	64.5	88.3	87.8	0	0.001	26.4	8.39	-0.003	12.32
9/18/2010 7:00	10145	0.671	342	20.9	4.578	0.675	315.9	34.46	4.578	65.95	64.64	90.3	88.4	0	0.001	26.4	8.39	0	12.25
9/18/2010 8:00	10146	4.138	46.86	18.5	8.16	2.519	66.82	18.35	4.578	64.38	63.37	90.4	88.2	0	4.947	26.42	8.38	-0.003	12.64
9/18/2010 9:00	10147	6.731	75.28	9.49	9.95	4.215	76.55	18.27	8.16	64.23	64.67	90.7	86.8	0	113.7	26.44	8.38	0	12.46
9/18/2010 10:00	10148	7.905	119.5	18.47	13.52	5.108	124.7	25.96	9.95	66.69	67.42	90.3	85.8	0	137.6	26.47	8.38	0	12.51
9/18/2010 11:00	10149	7.08	135.2	19.83	13.52	4.86	142	29.36	9.95	71.04	72.58	80.2	75.03	0	362.8	26.5	8.38	-0.002	12.58
9/18/2010 12:00	10150	5.299	145.2	36.91	13.52	3.966	156.4	47.34	11.74	77.29	79.55	66.22	61.34	0	669.8	26.54	8.38	-0.002	13.13
9/18/2010 13:00	10151	7.058	122.3	27.18	15.31	5.052	127.4	36.86	11.74	79.1	81.9	62.34	57.49	0	742.9	26.56	8.38	0	14.88
9/18/2010 14:00	10152	8.62	111.1	21.01	17.1	6.02	114.4	31.04	13.52	80.9	83.5	56.27	52.36	0	703.9	26.55	8.37	-0.01	13.13
9/18/2010 15:00	10153	9.55	121.6	23.33	18.89	6.537	129.5	31.73	13.52	82.3	85	52.28	48.51	0	774.4	26.54	8.36	-0.013	13.27
9/18/2010 16:00	10154	9.37	117.3	20.87	22.47	6.324	124.2	29.87	17.1	83.1	85.3	49.5	46.45	0	584.6	26.52	8.34	-0.013	13.05
9/18/2010 17:00	10155	9.31	128	16.72	18.89	6.105	134.9	25.92	13.52	83.9	85.9	47.73	44.79	0	481.9	26.51	8.33	-0.013	13.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/18/2010 18:00	10156	10.91	124.1	14.01	17.1	6.829	130.3	23.55	13.52	83	84.2	48.64	46.38	0	281.5	26.5	8.31	-0.019	13.12
9/18/2010 19:00	10157	9.09	114.6	10.22	17.1	5.674	119.4	21.74	13.52	82.2	82.4	50.11	48.78	0	168.9	26.48	8.3	-0.015	14.77
9/18/2010 20:00	10158	8.86	111.7	9.49	15.31	5.25	117	20.27	11.74	80.9	80.4	52.87	52.22	0	65.64	26.48	8.28	-0.016	13.11
9/18/2010 21:00	10159	6.301	85.3	14.22	9.95	3.259	82.1	17.84	6.368	76.09	74.03	62.02	64.64	0	0.225	26.47	8.27	-0.008	13.15
9/18/2010 22:00	10160	8.01	71.68	7.491	13.52	4.394	69.95	16.14	8.16	74.01	72.58	67.53	68.13	0	0.009	26.47	8.26	-0.009	13.02
9/18/2010 23:00	10161	8.8	78.93	7.845	11.74	4.921	81.5	17.45	8.16	72.29	71.27	71.91	71.24	0	0.006	26.48	8.26	-0.005	13.01
9/19/2010 0:00	10162	8.37	97.1	11.78	13.52	4.813	100.4	19.82	8.16	70.68	69.57	74.43	73.94	0	0.003	26.48	8.25	-0.009	13.29
9/19/2010 1:00	10163	9.27	118	8.83	15.31	5.285	122.2	19.38	11.74	70.42	69.39	71.69	70.96	0	0.003	26.48	8.24	-0.006	13.21
9/19/2010 2:00	10164	9.23	119	8.09	15.31	5.281	121.7	18.81	9.95	69.39	68.54	74.25	72.95	0	0.001	26.47	8.23	-0.01	13.37
9/19/2010 3:00	10165	8.1	119	8.23	11.74	4.637	121.5	18.25	8.16	67.95	67.08	78.28	76.79	0	0.004	26.47	8.23	-0.003	13.27
9/19/2010 4:00	10166	7.144	129.5	9.64	11.74	4.086	133.3	18.86	11.74	66.72	65.96	82.2	80.2	0	0.001	26.47	8.22	-0.006	15.14
9/19/2010 5:00	10167	4.223	104.8	12.9	6.368	1.888	88.8	13.58	4.578	65.38	64.17	85.6	84.4	0	0.001	26.46	8.22	0	13.37
9/19/2010 6:00	10168	5.49	89.6	8.79	8.16	2.887	81.3	12.65	4.578	65.01	63.67	86.5	85.9	0	0.001	26.45	8.22	-0.003	12.92
9/19/2010 7:00	10169	5.635	78.73	7.416	8.16	3	74.5	14.21	4.578	64.25	63.3	88.3	86.5	0	0	26.46	8.22	-0.003	13.35
9/19/2010 8:00	10170	5.278	69.4	8.08	6.368	2.924	64.58	12.76	4.578	63.25	62.47	90.5	88	0	6.392	26.46	8.22	0	13.47
9/19/2010 9:00	10171	4.453	80.2	10.6	6.368	2.928	77.55	17.26	6.368	65.73	66.29	87.3	83.1	0	133.6	26.49	8.22	-0.003	13.43
9/19/2010 10:00	10172	6.348	115.7	29.3	15.31	4.524	119.4	36.66	11.74	69.99	71.45	78.97	74.09	0	316.4	26.53	8.22	0.002	13.36
9/19/2010 11:00	10173	8.93	137.8	20.12	15.31	6.067	145.9	28.4	11.74	72.1	74.47	71.04	65.49	0	533.1	26.57	8.22	-0.001	13.23
9/19/2010 12:00	10174	7.998	142.9	24.26	17.1	5.564	150.1	30.66	13.52	75.14	77.67	63.51	58.5	0	621.4	26.59	8.21	-0.004	13.31
9/19/2010 13:00	10175	8.72	103.6	18.9	17.1	6.279	106.6	27.83	15.31	77.7	80.6	57.04	52.48	0	751.9	26.6	8.21	-0.003	13.11
9/19/2010 14:00	10176	10.85	109.5	18.87	20.68	7.381	114.2	27.98	13.52	79.08	82.1	51.13	46.92	0	739.1	26.59	8.2	-0.013	13.33
9/19/2010 15:00	10177	11.51	111.7	21.58	20.68	7.678	118.4	29.8	15.31	80.3	83	49.1	45.21	0	704.9	26.57	8.18	-0.013	13.11
9/19/2010 16:00	10178	12.29	114.8	16.94	20.68	8.02	121.4	26.65	15.31	80.9	83.7	48.29	44.28	0	638.1	26.55	8.17	-0.016	14.05
9/19/2010 17:00	10179	11.97	126.1	19.44	20.68	7.708	132.4	27	17.1	81.5	84.1	46.88	43.04	0	624.8	26.54	8.15	-0.016	13.2
9/19/2010 18:00	10180	11.35	131.8	16.76	20.68	7.151	139	24.38	15.31	80.7	82.1	49.27	46.22	0	298.2	26.52	8.13	-0.019	13.07
9/19/2010 19:00	10181	12.47	106.9	13.92	22.47	7.922	112.5	23.16	17.1	78.94	79.51	54.78	52.12	0	148.8	26.5	8.11	-0.018	13.18
9/19/2010 20:00	10182	11.83	114.2	9	22.47	7.256	120.4	19.95	15.31	76.83	76.71	59.22	57.08	0	25.1	26.49	8.1	-0.016	13.25
9/19/2010 21:00	10183	9.12	118	8.67	17.1	5.224	122.6	18.58	11.74	73.81	73.11	64.92	63.49	0	0.137	26.48	8.08	-0.015	14.91
9/19/2010 22:00	10184	7.032	119.4	7.44	11.74	3.853	123	17.05	8.16	71.36	70.4	71.3	70.39	0	0.005	26.47	8.07	-0.015	13.46
9/19/2010 23:00	10185	8.42	120.7	8.44	17.1	4.844	123.9	19.16	11.74	72.16	71.41	70.12	68.83	0	0.002	26.47	8.06	-0.009	13.19
9/20/2010 0:00	10186	6.727	126.1	8.42	9.95	3.696	127.9	16.91	6.368	71.81	71.13	70.8	69.52	0	0.004	26.47	8.06	-0.004	13.14
9/20/2010 1:00	10187	9.73	145.3	8.97	18.89	5.549	151.2	16.6	13.52	71.19	70.32	70	68.91	0	0.003	26.47	8.05	-0.009	13.27
9/20/2010 2:00	10188	7.887	143.4	8.62	13.52	4.352	148.4	15.88	11.74	69.15	68.34	73.81	72.39	0	0.002	26.45	8.04	-0.003	14.02
9/20/2010 3:00	10189	4.613	146	7.844	8.16	1.342	138.7	10.1	4.578	66.54	65.03	79.59	79.49	0	0	26.43	8.04	-0.006	14.05
9/20/2010 4:00	10190	4.451	159.3	14.72	8.16	1.653	156.2	14.51	6.368	65.88	64.91	84.1	83.1	0	0	26.41	8.03	-0.006	13.31
9/20/2010 5:00	10191	5.335	156.8	10.98	9.95	3.262	163.5	16.86	8.16	66.58	66.56	87.3	83.8	0	0	26.4	8.03	-0.003	13.63
9/20/2010 6:00	10192	4.792	129.9	21.98	9.95	2.918	137.5	24.65	8.16	66.78	66.76	86.9	83.3	0	0.001	26.4	8.03	0	15.01
9/20/2010 7:00	10193	3.932	82.5	5.482	6.368	0.883	83.5	5.569	4.578	64.73	64.09	89.9	86.6	0	0	26.39	8.03	-0.003	13.24
9/20/2010 8:00	10194	4.183	117.1	15.93	8.16	2.06	124.4	18.7	6.368	64.28	64.22	91.4	88.5	0	2.1	26.39	8.02	-0.003	13.34
9/20/2010 9:00	10195	7.661	129.8	9.59	11.74	4.909	137.3	19.43	9.95	65.38	65.58	86.8	83.5	0	31.57	26.4	8.02	0	13.23
9/20/2010 10:00	10196	8.27	140.3	13.91	13.52	5.262	147.8	21.01	11.74	65.62	66.2	84.5	79.95	0	81.6	26.42	8.02	-0.003	13.28
9/20/2010 11:00	10197	7.62	162.4	17.79	15.31	5.09	171.6	23.35	11.74	68.34	69.41	78.26	73.39	0	209.7	26.43	8.01	-0.004	13.32
9/20/2010 12:00	10198	7.485	163.1	21.34	15.31	5.217	172	27.75	11.74	72.31	74.13	69.43	64.35	0	426.2	26.44	8.01	-0.001	13.14
9/20/2010 13:00	10199	9.63	150.3	16.1	17.1	6.251	157.2	22.97	11.74	73.51	75.44	66.51	61.65	0	346.6	26.46	8.01	-0.004	13.51
9/20/2010 14:00	10200	9.78	151.1	19.14	17.1	6.306	158.6	25.31	13.52	73.94	75.62	65.87	61.38	0	313	26.44	8	-0.006	13.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/20/2010 15:00	10201	11.09	152.2	11.4	17.1	7.007	158	18.95	15.31	73.85	75.16	66.54	62.38	0	250.8	26.42	7.997	-0.006	13.09
9/20/2010 16:00	10202	10.1	157.6	14.01	15.31	6.394	164.9	20.56	11.74	74.18	75.25	66.42	62.57	0	217	26.4	7.991	-0.006	13.22
9/20/2010 17:00	10203	11.02	169	13.71	18.89	7.117	177.1	20.44	13.52	75.21	76.42	63.84	59.96	0	274.8	26.37	7.981	-0.01	14.33
9/20/2010 18:00	10204	12	157.9	12.85	18.89	7.569	165.9	19.36	15.31	74.97	76.07	66.52	62.49	0	211.4	26.36	7.975	-0.006	13.21
9/20/2010 19:00	10205	12.67	149	13.75	20.68	7.741	156.4	19.7	15.31	74.45	75.35	69.44	65.47	0	179.7	26.34	7.969	-0.006	13.12
9/20/2010 20:00	10206	12.67	145.6	9.67	22.47	7.606	152.8	17.13	15.31	72.98	72.95	71.73	68.96	0	42.46	26.33	7.95	-0.018	13.23
9/20/2010 21:00	10207	10	147.3	8.71	20.68	5.82	155.2	16.07	15.31	70.6	70.11	77.65	75.27	0	0.096	26.32	7.945	-0.006	14.57
9/20/2010 22:00	10208	14.45	150.8	9.9	22.47	8.62	158	17.28	17.1	71.24	71.15	76.16	73.09	0	0.003	26.33	7.939	-0.006	13.08
9/20/2010 23:00	10209	13.09	158.7	9.6	22.47	7.793	165.8	16.84	17.1	70.54	70.39	78.92	75.77	0	0.005	26.34	7.935	-0.003	13.18
9/21/2010 0:00	10210	15.02	167.9	9.37	26.05	9.18	176.2	16.59	17.1	69.61	69.68	81.1	77.35	0	0.008	26.35	7.933	-0.003	13.34
9/21/2010 1:00	10211	15.05	167.3	10.66	24.26	9	174.3	17.35	18.89	68.46	68.55	82.3	78.44	0	0.006	26.34	7.927	-0.006	12.26
9/21/2010 2:00	10212	12.3	166.6	10.08	20.68	7.475	173.5	17.14	17.1	68.37	68.42	82.6	78.84	0	0.007	26.33	7.92	-0.006	12.28
9/21/2010 3:00	10213	13.19	165.7	9.12	22.47	7.871	173.1	16.98	15.31	68.2	68.28	83.1	79.2	0	0.006	26.32	7.917	-0.003	12.13
9/21/2010 4:00	10214	12.02	172	9.5	18.89	7.369	180.1	17.25	13.52	68	68.07	83.1	79.22	0	0.004	26.31	7.914	-0.003	13.23
9/21/2010 5:00	10215	11.9	178.3	9.08	20.68	7.456	186.5	15.56	15.31	68.1	68.16	83.1	79.23	0	0.004	26.3	7.911	-0.003	15
9/21/2010 6:00	10216	10.18	171.2	9.93	17.1	6.292	178.7	16.73	11.74	68.09	68.16	83.8	79.94	0	0.004	26.29	7.908	-0.003	13.38
9/21/2010 7:00	10217	9.18	173.6	9.87	17.1	5.755	181.4	17.13	11.74	68.08	68.14	84.5	80.7	0	0.006	26.3	7.908	0	13.19
9/21/2010 8:00	10218	8.8	167.7	10.57	15.31	5.473	175.8	17.17	11.74	67.66	67.73	86.1	82.1	0	2.666	26.3	7.905	-0.003	13.46
9/21/2010 9:00	10219	9.81	165.8	9.8	17.1	6.008	173.7	16.95	11.74	67.7	68.03	86.7	82.3	0	39.71	26.31	7.905	0	13.08
9/21/2010 10:00	10220	11.04	174.1	10.77	17.1	6.973	181.8	17.51	13.52	69.4	70.21	83	78.04	0	146.8	26.32	7.904	-0.001	13.05
9/21/2010 11:00	10221	9.34	176.5	15.87	17.1	6.48	184.9	21.81	11.74	73.17	74.78	75.14	69.73	0	406.1	26.34	7.899	-0.005	13.92
9/21/2010 12:00	10222	8.81	172.3	21.54	15.31	6.179	180.7	27.32	11.74	76.67	79	68.29	62.62	0	604.3	26.37	7.898	-0.001	13.32
9/21/2010 13:00	10223	8.24	159.5	24.92	18.89	5.799	167.8	31.62	15.31	80.5	83.4	61.28	55.74	0	794.5	26.39	7.894	-0.003	14.61
9/21/2010 14:00	10224	8.46	163.4	29.54	15.31	5.915	172.4	36.75	11.74	82.9	86.1	56.35	50.91	0	846	26.39	7.885	-0.01	14.54
9/21/2010 15:00	10225	9.22	164.5	28.13	20.68	6.425	172.9	34.28	15.31	83.5	85.9	54.31	49.72	0	596.8	26.37	7.872	-0.013	12.99
9/21/2010 16:00	10226	11.11	149.3	17.34	20.68	7.107	156.3	24.39	15.31	83.5	85.6	53.36	49.33	0	455.4	26.34	7.856	-0.016	12.99
9/21/2010 17:00	10227	12.59	134.9	15.71	20.68	8.01	141.6	23.22	17.1	84.1	86.4	51.34	47.31	0	485	26.32	7.84	-0.016	12.99
9/21/2010 18:00	10228	12.29	137.7	11	24.26	7.56	144.6	19.39	15.31	82.6	83.1	52.93	50.52	0	147.4	26.3	7.822	-0.019	12.99
9/21/2010 19:00	10229	14.4	129.9	10.01	22.47	8.7	136.9	19.48	17.1	82.6	83.4	53.62	50.82	0	227	26.28	7.807	-0.015	13
9/21/2010 20:00	10230	12.57	133.3	9.25	18.89	7.566	141.2	18.14	13.52	80.2	80.1	57.89	55.86	0	49.71	26.29	7.778	-0.028	13.27
9/21/2010 21:00	10231	11.92	140.4	8.69	18.89	7.068	147.6	16.71	13.52	76.56	76.04	65.68	63.7	0	0.094	26.28	7.763	-0.015	12.95
9/21/2010 22:00	10232	11.92	143.4	8.98	18.89	7.065	149.9	16.82	13.52	74.09	73.62	71.19	68.98	0	0.011	26.29	7.745	-0.018	12.87
9/21/2010 23:00	10233	10.75	146	9.4	17.1	6.336	153	17.28	11.74	72.23	71.74	75.97	73.59	0	0.005	26.3	7.735	-0.009	13.19
9/22/2010 0:00	10234	11.46	156.4	9.81	18.89	6.698	163.3	17.04	15.31	71.04	70.56	79.14	76.61	0	0.004	26.3	7.73	-0.005	13.04
9/22/2010 1:00	10235	10.62	158.8	9.7	24.26	6.217	165.7	17.09	13.52	69.92	69.49	82.2	79.37	0	0.001	26.3	7.724	-0.006	13.03
9/22/2010 2:00	10236	14.17	162.2	9.44	22.47	8.42	169.1	16.72	15.31	69.92	69.85	82.2	78.85	0	0.002	26.3	7.721	-0.003	14.59
9/22/2010 3:00	10237	11.58	160.8	10.32	24.26	6.917	164.4	16.86	15.31	69.81	69.73	82.1	78.71	0	0.003	26.29	7.718	-0.003	13.12
9/22/2010 4:00	10238	12.83	154.4	10.15	20.68	7.706	161.2	17.62	15.31	69.58	69.64	83.6	79.77	0	0.003	26.29	7.714	-0.003	12.18
9/22/2010 5:00	10239	12.72	150.4	9.95	20.68	7.549	156.8	17.4	15.31	69.6	69.66	83.2	79.43	0	0.004	26.28	7.711	-0.003	12.11
9/22/2010 6:00	10240	12.17	149	10.21	22.47	7.163	156.5	18.18	18.89	69.21	69.29	82.9	79.15	0	0.003	26.27	7.708	-0.003	13.76
9/22/2010 7:00	10241	10.74	143.1	9.53	17.1	6.52	150.5	17.66	13.52	68.78	68.87	83.7	79.87	0	0.004	26.28	7.705	-0.003	12.21
9/22/2010 8:00	10242	10.8	142.2	8.8	17.1	6.592	149.3	15.96	13.52	68.87	68.95	83.3	79.5	0	1.73	26.28	7.705	0	12.11
9/22/2010 9:00	10243	11.78	145.7	9.45	18.89	7.009	153	17.02	15.31	69.08	69.3	82.7	78.75	0	20.59	26.3	7.705	0	14.45
9/22/2010 10:00	10244	11.68	148.2	10.12	20.68	7.11	155	17.09	15.31	69.04	69.35	83.7	79.77	0	37.71	26.31	7.701	-0.004	12.13
9/22/2010 11:00	10245	10.04	148.6	9.89	18.89	6.069	154.9	17.73	11.74	67.8	68.17	89.6	86.4	0.02	80.3	26.33	7.702	0	13.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/22/2010 12:00	10246	11.55	155.6	10.51	20.68	7.046	162.4	17.63	15.31	65.05	68.37	90.3	87.4	0.02	113	26.33	7.702	0	12.2
9/22/2010 13:00	10247	12.19	154	9.25	20.68	7.357	160.9	16.64	15.31	67.58	69.19	88.4	86.2	0	152.2	26.33	7.702	0	12.23
9/22/2010 14:00	10248	13.15	149.6	9.38	22.47	7.883	156	17.07	17.1	70.5	72.08	79.7	78.13	0	185.4	26.31	7.704	0.002	12.45
9/22/2010 15:00	10249	14.35	144	10.73	22.47	8.78	150.7	17.96	15.31	73.18	74.47	73.84	71.6	0	206	26.3	7.703	-0.001	12.67
9/22/2010 16:00	10250	15.05	153.6	12.4	24.26	9.1	160.5	18.77	18.89	75.97	77.27	66.93	64.51	0	245.9	26.29	7.702	-0.001	12.84
9/22/2010 17:00	10251	17.95	145.8	11.46	27.84	10.72	152.4	18.81	20.68	77.74	79.06	61.86	59.46	0	237.7	26.27	7.702	0	12.98
9/22/2010 18:00	10252	18.81	142.5	9.92	29.63	11.31	149.5	17.75	20.68	77.58	78.54	61.08	58.83	0	147.7	26.27	7.702	0	13.12
9/22/2010 19:00	10253	16.96	143.2	9.03	26.05	10.21	150.2	16.88	18.89	76.1	76.71	62.92	60.96	0	59.99	26.26	7.702	0	13
9/22/2010 20:00	10254	16.51	147.3	9.18	26.05	9.67	155	16.96	20.68	75	75.21	65.13	63.22	0	8.92	26.26	7.697	-0.005	12.79
9/22/2010 21:00	10255	12.28	149.6	9.41	22.47	7.12	155.9	17.08	17.1	73.38	72.96	69.65	68.95	0.01	0.014	26.26	7.691	-0.006	12.79
9/22/2010 22:00	10256	11.22	142.8	9.17	18.89	6.587	149.4	17.05	13.52	72.03	71.53	71.58	70.39	0	0.004	26.26	7.685	-0.006	12.6
9/22/2010 23:00	10257	12.84	152.3	8.91	26.05	7.617	159	16.8	20.68	72.31	72.1	71.71	69.77	0	0.005	26.27	7.685	0	13.09
9/23/2010 0:00	10258	16.47	157.7	9.65	29.63	9.7	164.7	17.33	20.68	72.13	72.07	74.39	71.99	0	0.01	26.29	7.681	-0.004	12.74
9/23/2010 1:00	10259	14.27	159.9	10.3	27.84	8.37	167.1	17.97	17.1	70.59	70.24	78.81	77.16	0	0.004	26.28	7.679	-0.002	12.25
9/23/2010 2:00	10260	16.97	163.2	9.43	31.42	10.06	170.4	17.56	22.47	70.17	70.16	79.98	77.21	0	0.003	26.27	7.676	-0.003	12.26
9/23/2010 3:00	10261	16.48	166.9	9.62	27.84	9.69	174.5	17.5	20.68	70.23	70.32	80.5	77.38	0	0.003	26.26	7.676	0	12.23
9/23/2010 4:00	10262	16.09	163.8	9.79	26.05	9.55	170.8	17.71	18.89	70.36	70.46	80.9	77.72	0	0.003	26.25	7.673	-0.003	12.28
9/23/2010 5:00	10263	16.2	166.6	9.12	26.05	9.62	173.7	17.37	20.68	69.65	69.8	82.5	79.09	0	0.002	26.25	7.67	-0.003	12.24
9/23/2010 6:00	10264	15.3	162.6	9.66	27.84	9.17	169.6	17.27	18.89	69.4	69.47	83.1	79.68	0	0.001	26.25	7.667	-0.003	13.79
9/23/2010 7:00	10265	14.49	168.8	9.8	22.47	8.7	176.8	18.09	17.1	69.5	69.55	83.1	79.74	0	0.003	26.26	7.664	-0.003	12.37
9/23/2010 8:00	10266	13.4	169.2	10.07	20.68	8.07	177	17.3	17.1	69.41	69.49	83.7	80.2	0	1.664	26.27	7.664	0	12.32
9/23/2010 9:00	10267	13.1	177.9	9.87	22.47	8.22	186	17.05	17.1	69.6	69.85	83.5	79.78	0	46.04	26.29	7.66	-0.004	12.26
9/23/2010 10:00	10268	14.78	181	10.27	24.26	9.28	189.4	17.45	18.89	70.86	71.35	80.9	77.06	0	106.6	26.31	7.659	0	12.26
9/23/2010 11:00	10269	15.28	177	9.73	22.47	9.44	184.3	16.98	18.89	72.26	72.97	77.88	73.95	0	173.8	26.34	7.656	-0.003	12.68
9/23/2010 12:00	10270	14.5	187.8	11.18	24.26	9.48	195.6	16.72	18.89	74.73	75.76	72.77	68.79	0	305.8	26.35	7.652	-0.004	12.93
9/23/2010 13:00	10271	14.52	187.1	14.69	22.47	9.62	195.1	19.45	18.89	77.48	79.38	67.65	62.85	0	518.8	26.37	7.645	-0.007	12.78
9/23/2010 14:00	10272	12.01	207.1	17.05	22.47	8.38	213.5	19.82	17.1	80.7	82.3	60.99	56.93	0	519.7	26.38	7.638	-0.007	12.57
9/23/2010 15:00	10273	10.41	209.8	20.58	20.68	7.455	216.4	23.48	15.31	83.7	85.4	55.37	51.46	0	533.5	26.37	7.631	-0.006	13.3
9/23/2010 16:00	10274	10.36	209	27.44	22.47	7.491	216.4	31.46	17.1	85.3	87.3	52.79	49.14	0.03	603.2	26.37	7.622	-0.01	12.27
9/23/2010 17:00	10275	6.191	286.2	24.64	13.52	5.001	295.3	29.99	11.74	83.7	83.6	56.91	58.25	0	441.8	26.35	7.622	0	13.01
9/23/2010 18:00	10276	6.424	297.7	32.32	13.52	5.282	302.8	34.07	11.74	86.5	87.2	49.58	47.33	0	377.4	26.35	7.622	0	12.42
9/23/2010 19:00	10277	8.95	38.96	44.47	17.1	5.662	41.91	42.87	13.52	82.4	83.3	61.05	57.85	0	203.5	26.36	7.609	-0.013	12.8
9/23/2010 20:00	10278	6.25	66.89	22.43	13.52	3.92	71.23	27.5	9.95	76.27	76.4	76.33	73.52	0	20.28	26.36	7.598	-0.011	12.72
9/23/2010 21:00	10279	12.14	126.3	13.65	22.47	7.42	133	23.23	17.1	71.63	71.92	85.3	81.3	0	0.069	26.38	7.586	-0.011	12.46
9/23/2010 22:00	10280	7.47	113.9	38.35	18.89	4.598	117.6	43.1	13.52	69.29	68.64	91.5	88.4	0.25	0.006	26.4	7.736	0.15	12.66
9/23/2010 23:00	10281	11.37	126	42.15	18.89	6.394	133.7	44.95	11.74	27.17	68.32	90.1	88.7	0.42	0.014	26.41	8.04	0.301	12.16
9/24/2010 0:00	10282	12.41	174.4	9.59	18.89	7.412	181.3	16.85	13.52	43.94	68.5	90	88	0.01	0.054	26.4	8.04	0.003	12.36
9/24/2010 1:00	10283	6.347	196.1	28.69	22.47	3.711	199.7	28.89	15.31	50.28	68.12	88.3	87.2	0	0.043	26.39	8.04	0	12.27
9/24/2010 2:00	10284	2.66	144	26.12	6.368	1.146	108.2	27.15	4.578	-7999	67.23	86.1	86.7	0	0.011	26.39	8.04	0	12.34
9/24/2010 3:00	10285	4.256	134.5	17.57	8.16	1.556	133.5	19.41	4.578	75.36	66.89	87.9	88	0	0.013	26.39	8.04	0	12.27
9/24/2010 4:00	10286	3.977	134	20.26	6.368	1.277	116.9	20.34	4.578	79.12	66.84	88.4	88.2	0	0.017	26.4	8.04	0	12.19
9/24/2010 5:00	10287	3.43	107.5	27.05	6.368	1.184	108.7	21.9	4.578	81.8	67.55	89.6	88.8	0	0.014	26.4	8.04	0	12.21
9/24/2010 6:00	10288	2	89.5	17.5	6.368	0.977	75.28	11.89	4.578	84.7	68.28	89	88.2	0	0.021	26.41	8.04	0	12.24
9/24/2010 7:00	10289	4.227	59.61	18.48	8.16	2.101	63.23	16.01	4.578	86.1	67.84	90	88.4	0.01	0.025	26.43	8.04	0	12.21
9/24/2010 8:00	10290	5.994	21.69	10.19	9.95	3.862	28.2	13.72	8.16	86.5	66.97	91.6	88.8	0	1.44	26.44	8.04	0	12.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/24/2010 9:00	10291	5.803	53.47	13.75	9.95	3.673	56.62	17.4	6.368	73.54	67.81	92	89	0	30.45	26.47	8.04	0	12.26
9/24/2010 10:00	10292	6.364	88.2	11.77	9.95	4.275	90.9	20.37	8.16	70.26	69.38	91	88.2	0	82.4	26.49	8.04	0	12.47
9/24/2010 11:00	10293	6.742	110.3	13.58	9.95	4.33	114.1	23.62	9.95	71.4	71.26	86.9	83.7	0	109.4	26.52	8.04	-0.001	12.43
9/24/2010 12:00	10294	7.067	103.3	13.86	9.95	4.682	106.2	22.7	8.16	71.31	72.49	84.5	81	0	147.3	26.54	8.04	0	12.63
9/24/2010 13:00	10295	6.441	119.7	14.9	11.74	4.544	126.4	24.49	9.95	70.57	74.03	81.3	77.35	0	252.2	26.55	8.04	-0.001	12.71
9/24/2010 14:00	10296	5.905	113.1	18.83	9.95	4.251	118.8	27.72	8.16	71.94	76.74	73.55	69.92	0	280.6	26.56	8.04	0	12.37
9/24/2010 15:00	10297	7.169	93.8	21.91	13.52	5.056	95.1	31.15	13.52	74.07	79.12	69.4	65.56	0	431.7	26.55	8.04	0.003	12.33
9/24/2010 16:00	10298	8.23	107	18.57	15.31	5.538	111.2	28	11.74	75.74	80.3	64.19	61.32	0	324.6	26.54	8.04	-0.001	12.29
9/24/2010 17:00	10299	9.04	128.9	16.31	15.31	6.047	136.1	23.8	11.74	76.96	80.8	64.08	60.83	0	421.1	26.52	8.04	0	12.33
9/24/2010 18:00	10300	7.454	131.2	16.83	13.52	4.994	136.9	25.05	9.95	78.22	81.2	62.03	59.4	0	264.1	26.52	8.04	-0.004	12.57
9/24/2010 19:00	10301	7.73	143.1	13.57	13.52	4.914	151.3	20.53	9.95	77.95	80.6	61.54	59.67	0	147.6	26.51	8.03	-0.006	12.78
9/24/2010 20:00	10302	5.165	118.6	25.55	9.95	2.677	124.5	28.38	8.16	75.54	76.92	67.47	67.85	0	18.85	26.5	8.03	-0.006	12.69
9/24/2010 21:00	10303	7.059	105.8	7.033	20.68	3.694	107.4	16.98	15.31	73.36	74.4	72.4	73.15	0	0.048	26.5	8.02	-0.005	13.23
9/24/2010 22:00	10304	12.31	96.7	9.88	22.47	7.853	100.3	20.91	17.1	68.56	70.77	84.6	81.4	0	0.01	26.52	8.01	-0.006	12.54
9/24/2010 23:00	10305	12.71	97.6	9.46	20.68	8.16	101.7	20.39	17.1	67	69.23	87.4	84	0	0.003	26.52	8.01	-0.005	12.77
9/25/2010 0:00	10306	11.07	102.3	10.93	18.89	6.996	106.7	21.69	13.52	66.68	68.93	88	84.4	0	0.003	26.52	8	-0.006	12.3
9/25/2010 1:00	10307	9.73	116.7	9.6	18.89	5.988	121.9	19.93	11.74	66.42	68.58	88.6	85.1	0	0.002	26.52	8	-0.003	12.28
9/25/2010 2:00	10308	9.29	120	9.91	15.31	5.627	125.1	19.38	11.74	66.1	67.82	90.1	86.9	0	0.003	26.51	8	0	12.17
9/25/2010 3:00	10309	6.168	143.3	17.16	15.31	3.5	149.3	20.93	9.95	66.05	67.45	90.6	87.6	0	0.002	26.51	7.997	-0.003	13.91
9/25/2010 4:00	10310	2.42	103.7	33.64	4.578	0.745	77.55	11.92	2.789	65.67	66.28	91.6	88.6	0	0.003	26.51	7.993	-0.003	12.37
9/25/2010 5:00	10311	1.328	14.13	24.71	4.578	0.86	3.483	18.34	4.578	65.56	66.26	92.2	89.9	0	0.004	26.49	7.993	0	12.3
9/25/2010 6:00	10312	2.945	52.81	28.45	6.368	1.49	60.93	26.76	4.578	65.74	66.25	91.9	90.1	0	0.004	26.48	7.993	0	12.66
9/25/2010 7:00	10313	4.77	65.23	14.94	8.16	2.712	66.41	17.31	4.578	64.8	65.42	93.1	90.5	0	0.006	26.48	7.99	-0.003	14.26
9/25/2010 8:00	10314	5.909	48.32	14.76	9.95	3.442	52.36	19.69	8.16	65.09	66.03	94.1	90.8	0	2.37	26.49	7.99	0	12.25
9/25/2010 9:00	10315	6.319	47.26	12.56	9.95	3.685	49.11	17.18	6.368	65.14	66.4	94.4	90.9	0	53.31	26.5	7.99	0	12.19
9/25/2010 10:00	10316	6.58	54.01	22.43	9.95	3.98	56.4	25.24	8.16	66.78	68.75	91.4	88.2	0	183.7	26.51	7.99	0	12.11
9/25/2010 11:00	10317	6.986	81.6	15.62	13.52	4.91	82.3	24.21	9.95	71.75	74.58	77.63	72.62	0	379.2	26.55	7.988	-0.002	12.27
9/25/2010 12:00	10318	5.998	107.5	54.03	13.52	4.471	111.5	59.27	9.95	74.85	78.35	68.8	63.59	0	650.7	26.58	7.987	-0.001	12.66
9/25/2010 13:00	10319	4.318	209.9	82	9.95	3.515	230	82.8	8.16	80.1	82.7	58.4	54.79	0	862	26.6	7.986	0	12.75
9/25/2010 14:00	10320	4.265	248.5	74.51	13.52	3.409	270.5	69.73	11.74	78.49	80.5	63.22	61.21	0.02	523.8	26.6	7.986	0	12.54
9/25/2010 15:00	10321	5.849	128.4	37.37	11.74	4.152	134.9	39.99	9.95	76.54	78.32	66.45	66.52	0.12	451.3	26.55	8.03	0.045	13.67
9/25/2010 16:00	10322	3.79	267.2	84.8	9.95	2.664	251.8	76.87	8.16	72.1	72.22	78.01	78.52	0.11	160.9	26.51	8.09	0.062	12.7
9/25/2010 17:00	10323	9.47	87.4	25.66	20.68	5.984	93.9	29.09	15.31	72.67	72.75	77.57	77.73	0	184.5	26.48	8.1	0.004	12.78
9/25/2010 18:00	10324	9.54	98.8	10.79	17.1	6.139	102.6	20.37	11.74	70.86	70.7	79.93	79.06	0.01	33.92	26.46	8.1	0	12.24
9/25/2010 19:00	10325	6.244	97.4	14.51	11.74	4.123	100.7	23.18	9.95	70.39	70.51	79.49	78.28	0	76.3	26.45	8.1	0.001	12.87
9/25/2010 20:00	10326	3.585	92.9	17.87	9.95	1.39	89.9	15.67	6.368	70.64	70.51	78.99	78.36	0	32.33	26.45	8.1	0	12.54
9/25/2010 21:00	10327	4.573	63.47	9.14	8.16	1.333	64.08	9.04	6.368	68.74	67.85	84.1	83.9	0	0.029	26.46	8.1	0	12.17
9/25/2010 22:00	10328	5.217	65.07	16.27	8.16	2.898	67.06	15.98	6.368	67.17	66.57	87.4	86.1	0	0.002	26.47	8.1	0	12.15
9/25/2010 23:00	10329	4.161	54.46	10.24	6.368	1.954	61.63	13.97	4.578	66.07	65.7	88.9	87	0	0.001	26.48	8.1	0	12.18
9/26/2010 0:00	10330	2.344	62.67	18.37	6.368	1.032	69.43	21.36	4.578	65.02	64.55	90	87.9	0	0.002	26.48	8.1	0	14.62
9/26/2010 1:00	10331	1.875	347.6	15.15	4.578	0.548	334.1	4.792	2.789	64.3	63.55	91.6	89.2	0	0.001	26.46	8.1	0	12.22
9/26/2010 2:00	10332	2.772	304.2	19.85	6.368	0.986	295.8	21.49	4.578	63.76	62.35	92.2	90	0	0.001	26.45	8.1	-0.003	14.66
9/26/2010 3:00	10333	2.678	341.4	24.63	4.578	0.745	350.2	23.94	4.578	63.53	62.84	92.7	90.6	0	0.005	26.44	8.1	0	12.09
9/26/2010 4:00	10334	2.93	5.519	19.34	8.16	1.766	6.522	33.1	6.368	63.48	63.31	91.6	90.4	0	0.005	26.44	8.09	-0.001	12.23
9/26/2010 5:00	10335	8.54	12.2	11.16	15.31	6.347	19.01	11.46	13.52	63.98	64	88.8	86.8	0	0.01	26.44	8.09	-0.003	14.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/26/2010 6:00	10336	9.38	8.13	11.58	15.31	7.005	14.69	12.16	13.52	64.11	64.16	87.3	84	0	0.003	26.44	8.09	-0.003	12.25
9/26/2010 7:00	10337	11.59	10.07	12.23	20.68	8.94	16.27	11.68	17.1	63.86	64.02	89.3	85.7	0	0.001	26.45	8.09	0	12.12
9/26/2010 8:00	10338	15.78	37.41	11.94	29.63	8.81	38.89	14.56	17.1	62.47	62.65	88.9	85.2	0	0.854	26.48	8.09	-0.003	12.26
9/26/2010 9:00	10339	15.7	58.88	11.88	24.26	9.25	60.79	18.54	18.89	61.61	61.88	90.3	86.6	0	16.77	26.5	8.08	-0.003	12.3
9/26/2010 10:00	10340	14.24	57.62	9.56	22.47	8.86	61.25	16.69	17.1	61.83	62.15	89.3	85.6	0	40.34	26.52	8.08	-0.003	12.31
9/26/2010 11:00	10341	13.64	72.46	11.68	20.68	8.64	73.45	20.03	15.31	66.12	67.85	73.03	69.38	0	538.8	26.54	8.08	0	12.3
9/26/2010 12:00	10342	10.53	66.42	18.13	18.89	6.942	65.91	25.69	13.52	69.51	71.99	64.94	60.48	0	691.7	26.59	8.07	-0.005	12.31
9/26/2010 13:00	10343	10.28	53.99	20.2	18.89	6.55	54.73	24.36	13.52	71.61	74.12	58.68	54.9	0	807	26.6	8.07	-0.003	12.26
9/26/2010 14:00	10344	10.27	53.77	21.11	22.47	6.535	54.91	26.4	17.1	73	75.41	51.64	48.48	0	848	26.6	8.06	-0.007	12.63
9/26/2010 15:00	10345	10.63	59.83	20.34	20.68	6.803	61.57	26.55	15.31	74.25	76.94	45.93	42.96	0	850	26.58	8.05	-0.013	12.7
9/26/2010 16:00	10346	9.44	58.62	23.42	17.1	6.104	60.43	28.4	15.31	75.18	77.32	40.66	38.41	0	708.1	26.56	8.03	-0.016	14.3
9/26/2010 17:00	10347	8.03	45.07	22.35	17.1	5.372	45.56	25.88	11.74	75.5	76.98	38.51	36.5	0	513.4	26.54	8.02	-0.015	12.81
9/26/2010 18:00	10348	6.916	54.43	24.71	15.31	4.764	57.13	29.31	11.74	76.31	77.83	37.36	35.25	0	426.6	26.52	8.01	-0.012	12.72
9/26/2010 19:00	10349	6.619	63.35	20.2	11.74	4.282	65.41	25.18	8.16	75.73	76.66	37.68	36.62	0	243.6	26.5	7.994	-0.013	13.38
9/26/2010 20:00	10350	6.552	74.61	8.96	9.95	3.688	78.95	15.77	8.16	71.41	70.38	45.87	48.54	0	35.88	26.48	7.985	-0.009	12.33
9/26/2010 21:00	10351	5.798	92.1	6.328	8.16	2.817	92.8	12.42	4.578	64.4	62.15	61.75	68.33	0	0.016	26.45	7.978	-0.007	13.36
9/26/2010 22:00	10352	5.617	98.4	6.444	8.16	2.409	93	12.54	6.368	61.72	59.32	65.48	71.88	0	0	26.43	7.972	-0.005	12.24
9/26/2010 23:00	10353	6.031	94.9	6.334	8.16	3.152	90.9	14.2	4.578	60.5	58.4	65.57	70.26	0	0	26.42	7.963	-0.009	12.61
9/27/2010 0:00	10354	5.986	89.8	4.731	8.16	3.231	78.2	13.17	4.578	58.85	56.92	68.41	73.28	0	0	26.41	7.957	-0.006	12.19
9/27/2010 1:00	10355	5.589	96.4	7.505	15.31	2.829	84.3	14.05	6.368	57.98	56	67.86	72.44	0	0	26.39	7.955	-0.002	12.1
9/27/2010 2:00	10356	6.414	88	5.999	9.95	3.334	78.59	13.53	6.368	56.8	55.11	69.44	73.27	0	0	26.38	7.949	-0.006	12.1
9/27/2010 3:00	10357	3.56	85.5	45.4	8.16	1.751	71.95	47.71	4.578	56.3	54.48	69.71	74.88	0	0	26.37	7.945	-0.003	12.43
9/27/2010 4:00	10358	0.296	125.6	6.429	4.578	0.077	353.6	6.668	2.789	56.13	54.07	67.09	76.42	0	0	26.37	7.942	-0.003	12.55
9/27/2010 5:00	10359	0	0	0	0	0	0	0	0	55.67	52.94	68.62	79.27	0	0	26.36	7.942	0	12.36
9/27/2010 6:00	10360	0	0	0	0	0.517	21.06	0.273	2.789	54.97	52.86	68.01	79	0	0	26.36	7.939	-0.003	12.53
9/27/2010 7:00	10361	0.526	161.1	2.427	4.578	1.474	71.62	15.72	4.578	55.29	52.05	64.14	78.54	0	0	26.36	7.933	-0.006	12.3
9/27/2010 8:00	10362	3.194	170.6	10.19	4.578	1.296	93.8	7.003	2.789	55.42	52.11	62.05	71.25	0	3.781	26.37	7.933	0	12.68
9/27/2010 9:00	10363	2.999	213.7	11.83	6.368	1.109	229.4	10.12	4.578	57.2	56.7	64.46	65.88	0	117	26.39	7.929	-0.003	12.17
9/27/2010 10:00	10364	5.516	218.2	11.15	9.95	4.227	224.4	15.4	8.16	60.18	61.1	60.63	58.49	0	315.7	26.44	7.927	-0.002	13.51
9/27/2010 11:00	10365	7.611	210.5	13.39	11.74	5.778	218	17.35	11.74	64.28	65.72	50.69	47.93	0	511.8	26.5	7.925	-0.002	12.67
9/27/2010 12:00	10366	7.917	207.9	18.5	13.52	5.947	215.1	20.96	11.74	68.69	70.37	43.91	41.12	0	670.4	26.52	7.918	-0.007	12.81
9/27/2010 13:00	10367	8.25	216.7	21.34	13.52	6.232	223.2	23.87	11.74	72.41	74.12	40.35	37.57	0	777.8	26.53	7.911	-0.007	14.25
9/27/2010 14:00	10368	7.538	218.6	27.52	15.31	5.82	225.1	30.34	11.74	75.96	77.63	38.25	35.35	0	825	26.52	7.904	-0.007	12.64
9/27/2010 15:00	10369	6.134	215.1	37.38	15.31	4.909	223.6	39.44	11.74	79.18	80.9	36.13	33.03	0	813	26.51	7.894	-0.01	12.47
9/27/2010 16:00	10370	5.65	203	40.09	13.52	4.419	209.6	44.61	11.74	81.4	82.9	33.26	30.58	0	743.3	26.5	7.882	-0.013	13.63
9/27/2010 17:00	10371	4.016	155.9	67.85	9.95	3.264	171.6	73.79	8.16	82.8	84.1	31.12	28.72	0	612.8	26.49	7.872	-0.01	13.84
9/27/2010 18:00	10372	4.017	198	44.84	8.16	3.32	205.3	45.71	8.16	83.2	84.4	30.51	28.17	0	430.5	26.48	7.859	-0.013	12.43
9/27/2010 19:00	10373	6.54	191.2	14.95	11.74	4.179	197.8	18.5	8.16	80.2	80.5	34.48	34.01	0	158.2	26.46	7.847	-0.012	12.68
9/27/2010 20:00	10374	6.726	180.2	4.133	9.95	2.598	173.9	9.15	4.578	73.39	70.2	44.91	52.09	0	10.98	26.44	7.83	-0.017	12.54
9/27/2010 21:00	10375	7.42	184.3	4.921	9.95	2.666	174.9	10.69	4.578	69.18	64.63	50.79	60.71	0	0.003	26.41	7.819	-0.011	12.18
9/27/2010 22:00	10376	4.907	211.6	18.42	9.95	1.591	212.1	30.91	4.578	67.37	64.34	53.96	59.61	0	0	26.39	7.81	-0.009	12.31
9/27/2010 23:00	10377	4.023	228.9	8.3	6.368	1.064	262.1	6.338	4.578	65.32	63.36	59.59	63.58	0	0	26.38	7.804	-0.006	12.38
9/28/2010 0:00	10378	3.946	237.7	6.687	6.368	0.809	270.5	10.13	2.789	64	61.69	58.19	64.81	0	0	26.37	7.798	-0.006	12.32
9/28/2010 1:00	10379	3.711	250.2	11.41	9.95	1.277	262.1	21.33	6.368	63.54	60.88	56.39	62.86	0	0	26.36	7.795	-0.003	12.29
9/28/2010 2:00	10380	5.747	259.9	7.81	9.95	2.702	264.1	17.35	6.368	63.03	60.47	56.93	62.04	0	0	26.35	7.789	-0.006	12.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/28/2010 3:00	10381	6.732	289.6	6.259	8.16	3.776	295.7	10.19	6.368	60.34	58.58	63.85	66.7	0	0	26.35	7.785	-0.003	12.32
9/28/2010 4:00	10382	7.067	299.3	6.022	9.95	3.776	303.5	10.3	6.368	58.55	57.03	66.83	69.26	0	0	26.33	7.779	-0.006	12.27
9/28/2010 5:00	10383	7.44	319.6	4.625	9.95	4.231	328.3	8.25	6.368	60.01	57.86	63.41	67.12	0	0	26.33	7.773	-0.007	12.33
9/28/2010 6:00	10384	7.372	320.5	6.999	11.74	4.706	327.3	10.26	8.16	60.2	58.97	64.27	65.29	0	0	26.33	7.766	-0.006	12.39
9/28/2010 7:00	10385	9.24	321.7	6.986	11.74	6.168	326.4	10.34	9.95	62.86	61.5	58.2	59.32	0	0	26.34	7.763	-0.003	12.15
9/28/2010 8:00	10386	9.57	328.3	11.66	15.31	6.46	331.9	15.19	11.74	62.91	61.7	59.43	59.85	0	3.428	26.36	7.76	-0.003	12.22
9/28/2010 9:00	10387	9.56	342	13.48	18.89	6.947	345.8	14.82	13.52	65.47	65.29	57.29	55.43	0	109.9	26.38	7.759	-0.001	12.33
9/28/2010 10:00	10388	7.243	334.2	15.3	13.52	5.788	338.7	17.23	9.95	71.31	71.85	49.32	46.94	0	307.1	26.42	7.758	-0.001	12.28
9/28/2010 11:00	10389	10.77	19.88	14.23	18.89	7.059	25.32	16.72	15.31	76.69	77.41	39.87	37.56	0	506.2	26.46	7.75	-0.008	12.52
9/28/2010 12:00	10390	8.93	7.976	14.45	15.31	6.84	12.49	16.5	13.52	78.92	80	38.28	35.33	0	664.4	26.48	7.742	-0.008	12.39
9/28/2010 13:00	10391	7.253	354.2	26.84	13.52	5.663	359	31.86	11.74	83.1	84.2	33.52	30.59	0	767.7	26.49	7.736	-0.006	12.32
9/28/2010 14:00	10392	8.37	0.505	24.6	15.31	6.22	4.523	27.15	13.52	86.3	87.8	28.12	25.33	0	810	26.48	7.726	-0.01	12.39
9/28/2010 15:00	10393	8.83	31.16	20.89	18.89	5.897	35.07	25.11	13.52	87.5	89.4	27.27	24.48	0	807	26.46	7.714	-0.013	13.37
9/28/2010 16:00	10394	9.46	33.02	18.62	17.1	6.115	34.85	20.8	15.31	87.4	89.1	28.72	25.89	0	729.4	26.44	7.698	-0.016	12.22
9/28/2010 17:00	10395	9	50.12	20.72	17.1	5.811	52.01	23.9	15.31	87	88.7	29.66	27.04	0	596.4	26.42	7.682	-0.016	12.41
9/28/2010 18:00	10396	8.47	65.44	27.3	15.31	5.519	67.25	31.65	11.74	86.7	88.2	30.72	28.24	0	419	26.4	7.663	-0.019	12.32
9/28/2010 19:00	10397	8.81	87.2	10.42	15.31	5.532	90.6	20.51	11.74	84.8	85.5	33.29	31.85	0	215.2	26.39	7.644	-0.019	12.47
9/28/2010 20:00	10398	6.71	76.05	6.911	9.95	3.54	75.07	14.93	6.368	80.2	78.5	40.45	42.53	0	31.06	26.38	7.629	-0.015	12.4
9/28/2010 21:00	10399	6.57	73.83	8.2	11.74	3.043	72.42	16.36	6.368	73.4	70.38	51.86	56.47	0	0.01	26.36	7.615	-0.015	12.75
9/28/2010 22:00	10400	8.3	77.53	6.619	11.74	4.068	77.72	15.88	6.368	70.28	68.01	57.15	59.72	0	0.002	26.35	7.607	-0.008	12.81
9/28/2010 23:00	10401	9.27	83	5.225	11.74	4.623	86.3	14.73	8.16	68.57	66.55	59.75	61.68	0	0	26.33	7.597	-0.009	12.19
9/29/2010 0:00	10402	7.446	89.8	5.339	9.95	3.809	84.8	14.29	6.368	66.06	63.66	63.6	66.58	0	0.001	26.32	7.581	-0.016	14.46
9/29/2010 1:00	10403	5.788	92.5	7.862	9.95	2.977	78.37	14.32	6.368	66.11	63.39	61.79	65.41	0	0	26.31	7.579	-0.002	12.12
9/29/2010 2:00	10404	5.267	96.6	9.5	8.16	2.649	79.06	10.16	4.578	64.75	62.21	61.9	65.62	0	0	26.3	7.573	-0.006	12.3
9/29/2010 3:00	10405	2.808	153.2	58.13	8.16	1.656	154.8	65.3	4.578	63.56	60.86	63.81	68.29	0	0	26.29	7.57	-0.003	12.16
9/29/2010 4:00	10406	2.874	151.7	33.61	8.16	0.844	129.9	43.86	4.578	62.04	59.5	67.96	71.35	0	0	26.27	7.567	-0.003	12.25
9/29/2010 5:00	10407	0.923	257.4	6.988	4.578	0.295	314.1	11.24	2.789	61.39	58.46	68.86	74.83	0	0	26.26	7.56	-0.006	12.37
9/29/2010 6:00	10408	0.768	274.6	16.48	4.578	0.511	85.3	16.85	4.578	61.33	57.76	68.42	76.56	0	0	26.25	7.561	0.001	12.13
9/29/2010 7:00	10409	3.734	319.5	23.93	6.368	0.531	341.3	13.88	2.789	61.43	57.69	68.89	75.92	0	0	26.25	7.558	-0.003	12.2
9/29/2010 8:00	10410	2.04	15.3	21.81	4.578	1.019	78.75	27.73	4.578	60.84	55.93	70.24	80	0	3.217	26.25	7.555	-0.003	12.61
9/29/2010 9:00	10411	0.748	23.62	12.71	2.789	0.24	91.7	4.301	2.789	64.91	62.09	65.9	72.47	0	109.4	26.27	7.554	-0.001	12.26
9/29/2010 10:00	10412	3.679	170.6	15.17	9.95	2.705	180.6	19.94	6.368	71.39	72.31	56.09	53.92	0	307.6	26.32	7.552	-0.002	12.51
9/29/2010 11:00	10413	7.668	174.9	15.43	11.74	5.465	183.1	20.95	9.95	76.33	78.03	46.27	43.38	0	503.5	26.37	7.547	-0.005	12.17
9/29/2010 12:00	10414	7.857	176.8	17.15	13.52	5.659	184.8	23.89	11.74	80.5	82.6	41.04	37.92	0	659.4	26.4	7.543	-0.004	13.54
9/29/2010 13:00	10415	8.29	181.6	18.71	15.31	5.991	191.7	22.83	11.74	83.5	85.8	36.66	33.54	0	764.2	26.4	7.536	-0.006	12.14
9/29/2010 14:00	10416	8.63	181.1	24.48	15.31	6.144	191.7	27.82	13.52	86	88.6	32.79	29.63	0	811	26.39	7.527	-0.01	12.32
9/29/2010 15:00	10417	8.28	162.2	23.83	15.31	5.754	170.6	29.62	13.52	88	90.9	30.08	27.03	0	797.4	26.37	7.514	-0.013	12.23
9/29/2010 16:00	10418	7.946	174.7	26.51	15.31	5.677	182.7	30.62	11.74	89.8	92.1	27.1	24.3	0	725.6	26.35	7.495	-0.019	12.28
9/29/2010 17:00	10419	7.452	180.6	27.41	15.31	5.286	189.6	32.26	11.74	90.7	92.5	25.19	22.69	0	595.2	26.34	7.479	-0.016	12.17
9/29/2010 18:00	10420	6.927	202.4	23.21	13.52	4.976	211.6	25.2	9.95	90.7	92.1	24.27	21.97	0	417.7	26.32	7.451	-0.029	13.29
9/29/2010 19:00	10421	5.727	193.8	15.93	11.74	3.796	199.2	18.22	8.16	89.8	90.3	25.22	24.06	0	213.8	26.32	7.432	-0.019	13.86
9/29/2010 20:00	10422	6.224	142.1	31.98	11.74	2.827	130	29.84	6.368	84.2	81.5	32.36	36.53	0	28.91	26.32	7.42	-0.012	12.18
9/29/2010 21:00	10423	8.36	113.7	7.459	11.74	3.779	113.9	17.32	8.16	76.23	73.02	43.54	46.85	0	0.014	26.3	7.406	-0.014	12.44
9/29/2010 22:00	10424	9.05	120.4	6.57	13.52	4.476	122.5	17.37	8.16	73.11	71.02	47.03	48.35	0	0.004	26.3	7.391	-0.015	12.23
9/29/2010 23:00	10425	8.84	113.3	7.429	11.74	4.55	114.7	18.64	8.16	71.21	69.24	49.1	50.22	0	0.001	26.3	7.381	-0.009	12.85

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/30/2010 0:00	10426	7.467	101.4	10.02	11.74	3.888	99.6	20.58	8.16	69.25	67.31	53.26	54.43	0	0.001	26.3	7.372	-0.01	12.62
9/30/2010 1:00	10427	8.2	119.8	7.388	15.31	4.199	121.2	18.1	8.16	67.96	66.13	56.37	57.26	0	0.001	26.3	7.362	-0.01	12.27
9/30/2010 2:00	10428	7.679	113.7	7.479	11.74	3.855	112.7	20.02	8.16	66.73	64.98	59.54	60.39	0	0	26.3	7.356	-0.006	12.22
9/30/2010 3:00	10429	5.654	117.3	10.97	9.95	2.298	115.5	18.73	6.368	64.96	63.28	62.39	63.29	0	0	26.31	7.354	-0.003	12.42
9/30/2010 4:00	10430	4.407	100.6	14.28	8.16	1.823	76.01	12.77	4.578	63.83	61.77	63.24	65.39	0	0	26.31	7.351	-0.003	12.18
9/30/2010 5:00	10431	4.565	74.36	15.76	8.16	2.639	61.44	16.83	4.578	64.65	62.96	60.16	61.69	0	0	26.31	7.348	-0.003	12.36
9/30/2010 6:00	10432	6.684	66.5	8.49	11.74	3.704	59.36	12.12	8.16	63.7	61.67	61.36	64.02	0	0	26.32	7.345	-0.003	14.56
9/30/2010 7:00	10433	7.339	56.09	8.11	11.74	3.839	57.96	15.9	6.368	61.71	60.14	65.72	67	0	0	26.35	7.338	-0.006	12.16
9/30/2010 8:00	10434	7.375	39.17	8.08	11.74	3.663	44.13	14.97	6.368	60.67	59.56	68.36	68.24	0	3.128	26.36	7.335	-0.003	14.26
9/30/2010 9:00	10435	11.94	26.79	10.41	18.89	6.901	32.14	12.93	18.89	60.78	60.93	70.36	66.98	0	103.1	26.4	7.329	-0.006	12.22
9/30/2010 10:00	10436	13.62	39.11	9.97	20.68	7.473	41.32	14.06	15.31	66.91	67.63	60.75	57.39	0	296.3	26.45	7.328	-0.001	12.54
9/30/2010 11:00	10437	10.65	49.61	14.32	18.89	6.261	50.86	20.04	13.52	72.51	74.07	50.23	46.76	0	489.5	26.51	7.323	-0.005	12.37
9/30/2010 12:00	10438	8.05	67.12	18.97	15.31	5.336	68.71	26.94	9.95	77.41	79.96	43.45	39.63	0	647.1	26.55	7.318	-0.005	13.63
9/30/2010 13:00	10439	9.88	92.7	19.4	18.89	6.827	94.8	28.48	15.31	80.4	83.4	36.04	32.63	0	756.2	26.57	7.311	-0.007	12.92
9/30/2010 14:00	10440	8.16	93.3	26.51	18.89	5.664	95.5	37.02	13.52	82.2	85.4	33.17	29.65	0	802	26.57	7.299	-0.013	12.19
9/30/2010 15:00	10441	7.254	94.6	33.3	17.1	5.139	98.1	42.74	13.52	83.6	86.7	30.99	27.57	0	786.9	26.56	7.283	-0.016	12.2
9/30/2010 16:00	10442	7.588	86.9	34.97	15.31	5.276	88.4	44.92	11.74	84.4	86.9	30.48	27.13	0	712.4	26.55	7.264	-0.019	12.32
9/30/2010 17:00	10443	8.11	85.2	32.9	17.1	5.552	88.4	41.23	11.74	84.6	86.8	31.09	27.93	0	580.3	26.55	7.245	-0.019	13.67
9/30/2010 18:00	10444	8.18	90.4	20.46	18.89	5.558	95.1	29.39	15.31	84.3	86.3	31.63	28.75	0	403.4	26.53	7.222	-0.022	12.52
9/30/2010 19:00	10445	8.56	98.4	15.26	13.52	5.559	102.6	25.01	11.74	82.7	83.6	33.32	31.25	0	201.1	26.53	7.197	-0.025	12.59
9/30/2010 20:00	10446	7.225	111.2	6.5	11.74	3.463	111.8	17.61	9.95	77.3	75.78	41.6	42.65	0	24.62	26.52	7.161	-0.037	12.47
9/30/2010 21:00	10447	7.622	107	6.699	11.74	3.508	105.6	17.48	6.368	71.63	69.16	50.4	52.5	0	0	26.49	7.149	-0.011	12.47
9/30/2010 22:00	10448	8.44	111.9	7.05	11.74	4.25	113.7	19.29	8.16	69.26	67.53	55.07	55.71	0	0.001	26.49	7.137	-0.012	12.23
9/30/2010 23:00	10449	7.821	111.9	7.334	11.74	4.052	115.6	18.44	8.16	66.57	65.22	60.55	60.45	0	0	26.49	7.128	-0.009	12.29
10/1/2010 0:00	10450	8	114.2	7.855	11.74	4.283	118.5	18.13	8.16	65.22	63.86	63.99	63.81	0	0	26.49	7.122	-0.006	12.5
10/1/2010 1:00	10451	7.675	122.7	6.883	17.1	3.856	123.2	17.1	6.368	64.33	62.83	66.19	66.32	0	0	26.48	7.116	-0.006	12.33
10/1/2010 2:00	10452	7.965	119.3	6.605	9.95	4.008	118.4	16.86	6.368	63.64	61.96	67.63	68.19	0	0	26.47	7.113	-0.003	12.51
10/1/2010 3:00	10453	7.367	112.8	7.189	9.95	3.599	109.2	18.05	8.16	62.96	61.35	68.98	69.48	0	0	26.46	7.104	-0.01	12.11
10/1/2010 4:00	10454	4.997	151.2	43.35	11.74	2.445	146.7	48.43	8.16	62.15	60.74	70.44	70.42	0	0	26.45	7.1	-0.003	12.59
10/1/2010 5:00	10455	1.18	229.8	9.84	4.578	0.233	59.78	8.4	2.789	60.43	58.44	73.78	75.42	0	0	26.45	7.097	-0.003	12.3
10/1/2010 6:00	10456	2.439	82.8	18.97	6.368	1.747	63.73	9.61	4.578	60.47	58.72	72.72	73.88	0	0	26.45	7.091	-0.006	12.6
10/1/2010 7:00	10457	5.352	47.12	7.487	8.16	2.904	58.87	12.2	4.578	59.48	57.18	74.48	76.43	0	0	26.46	7.139	0.048	12.63
10/1/2010 8:00	10458	5.899	47.79	6.445	8.16	3.141	60.19	13.69	6.368	58.28	56.21	77.01	78.24	0	2.799	26.48	9.11	1.973	12.63
10/1/2010 9:00	10459	5.834	45.9	9.3	9.95	3.314	50.45	15.9	8.16	59.38	59.24	76.05	73.41	0	102.2	26.5	9.11	-0.001	12.13
10/1/2010 10:00	10460	6.427	65.64	13.07	9.95	4.45	66.15	20.53	8.16	64.42	65.92	68.51	63.9	0	297.6	26.55	9.11	0.002	12.37
10/1/2010 11:00	10461	7.134	111	29.48	15.31	5.096	114.1	39.34	11.74	70.43	72.66	55.82	51.53	0	492.5	26.6	9.11	-0.003	12.28
10/1/2010 12:00	10462	9.95	137.2	17.05	17.1	6.637	143.9	26.34	13.52	73.54	76.56	51.79	46.93	0	647.9	26.63	9.11	0.003	12.38
10/1/2010 13:00	10463	8.39	156.5	26.67	18.89	5.856	163.9	33.65	13.52	76.6	79.54	45.6	41.1	0	753.2	26.63	9.11	-0.001	12.4
10/1/2010 14:00	10464	7.187	169.7	30.35	17.1	5.324	178.9	36.19	11.74	79.54	82.2	39.23	35.2	0	801	26.63	9.1	-0.01	12.2
10/1/2010 15:00	10465	8.17	184.9	28.66	17.1	5.956	195.4	32.68	13.52	81.7	84.3	36.4	32.42	0	787.7	26.6	9.09	-0.013	12.23
10/1/2010 16:00	10466	8.52	192.6	29.02	15.31	6.247	202.2	32.7	13.52	82.9	85.2	31.97	28.44	0	716	26.58	9.07	-0.019	12.58
10/1/2010 17:00	10467	8.62	195.5	19.47	15.31	6.158	203.8	23.71	11.74	83.8	85.8	27.93	24.88	0	587.1	26.56	9.05	-0.019	12.51
10/1/2010 18:00	10468	8.41	189.5	16.57	15.31	5.869	196.7	20.53	11.74	84.4	86.1	26.59	23.79	0	407.8	26.54	9.03	-0.019	12.5
10/1/2010 19:00	10469	7.696	180.4	11.94	13.52	4.86	187.2	17.43	9.95	83.6	84.4	26.21	24.51	0	203.3	26.52	9.01	-0.018	12.66
10/1/2010 20:00	10470	6.12	155	11.63	8.16	2.451	138.5	26.52	6.368	78.53	75.88	33.36	36.74	0	24.65	26.5	9	-0.012	12.46

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/1/2010 21:00	10471	7.08	141.9	3.968	9.95	2.644	111.5	9.8	4.578	74.22	68.42	37.65	45.93	0	0.003	26.47	8.99	-0.014	12.46
10/1/2010 22:00	10472	7.158	134	7.85	9.95	2.634	113	13.77	4.578	70.56	65.72	40.45	47.05	0	0.001	26.46	8.97	-0.015	12.62
10/1/2010 23:00	10473	8.03	125.6	7.102	11.74	3.258	115	17.84	6.368	67.69	63.43	45.71	51	0	0	26.45	8.96	-0.012	12.76
10/2/2010 0:00	10474	7.905	122.4	12.18	11.74	3.427	117.1	19.67	6.368	65.99	62.9	51.2	54.22	0	0	26.44	8.95	-0.009	12.19
10/2/2010 1:00	10475	8.18	79.64	19.07	13.52	4.371	76.34	22.66	11.74	64.16	62.21	57.61	58.45	0	0	26.44	8.95	-0.006	12.11
10/2/2010 2:00	10476	8.37	51.71	14.03	15.31	4.584	55.23	18.35	9.95	60.03	59.38	71.2	68.93	0	0	26.45	8.94	-0.009	12.85
10/2/2010 3:00	10477	9.14	114.1	22.82	15.31	4.912	117.2	29.74	9.95	60.83	59.3	72.9	72.62	0	0	26.43	8.92	-0.013	12.22
10/2/2010 4:00	10478	9	126.8	13.27	15.31	4.9	129.8	21.79	9.95	61.78	60.66	69.81	69.04	0	0	26.43	8.92	-0.003	12.2
10/2/2010 5:00	10479	7.581	68.23	16.48	11.74	4.323	69.13	19.84	8.16	58.94	58.16	76.12	74.28	0	0	26.43	8.92	-0.003	12.72
10/2/2010 6:00	10480	6.707	67.07	12.63	9.95	3.847	64.94	17.1	8.16	57.1	56.29	79.74	78.15	0	0	26.42	8.91	-0.006	12.16
10/2/2010 7:00	10481	6.159	52.45	13.24	9.95	3.555	55.17	18.87	6.368	58.18	57.85	77.03	74.68	0	0	26.43	8.91	-0.003	12.69
10/2/2010 8:00	10482	7.288	46.85	16.86	13.52	4.119	51.11	20.97	8.16	57.42	57.11	78.21	75.51	0	2.532	26.46	8.9	-0.003	12.38
10/2/2010 9:00	10483	9.82	62.48	13.73	17.1	5.871	64.83	19.89	11.74	58.52	58.68	75.03	71.7	0	105.2	26.48	8.9	-0.003	13.91
10/2/2010 10:00	10484	10.1	88.7	13.8	17.1	6.663	91.5	23.17	13.52	64.67	66.27	62.14	57.88	0	327.6	26.52	8.9	-0.001	12.16
10/2/2010 11:00	10485	11.45	93.4	12.86	18.89	7.568	96	22.63	13.52	69.63	71.76	53.7	49.43	0	423	26.58	8.89	-0.005	13.04
10/2/2010 12:00	10486	10.76	96.8	12.27	20.68	7.036	100.6	22.73	15.31	70.98	72.16	51.73	48.61	0	253.7	26.61	8.89	-0.007	12.34
10/2/2010 13:00	10487	11.62	96.4	13.51	18.89	7.779	100	23.93	15.31	73.08	75.28	49.71	45.66	0	488.9	26.61	8.89	0	12.22
10/2/2010 14:00	10488	13.22	114.4	12.78	20.68	8.52	119.8	22.26	15.31	74.78	76.73	46.69	43.1	0	425.1	26.62	8.88	-0.013	12.81
10/2/2010 15:00	10489	12.33	117	14.96	20.68	8.02	123.3	24.59	17.1	75.58	77.54	45.17	41.67	0	470.5	26.61	8.87	-0.01	12.88
10/2/2010 16:00	10490	12.14	123.2	17.17	20.68	7.812	130.3	26.05	15.31	77.73	80.7	42.91	38.54	0	660.1	26.61	8.85	-0.017	13.33
10/2/2010 17:00	10491	10.68	114.9	20.05	18.89	6.986	118.8	28.96	15.31	78.69	81.4	40.82	36.78	0	561.8	26.6	8.83	-0.016	12.63
10/2/2010 18:00	10492	12.13	114.6	15.47	20.68	7.692	120.7	25.29	15.31	78.4	80.7	40.88	37.16	0	383	26.6	8.82	-0.016	12.49
10/2/2010 19:00	10493	12.59	97	11.08	20.68	8.13	101.3	21.81	15.31	76.33	77.21	42.67	39.91	0	178.9	26.59	8.8	-0.018	12.76
10/2/2010 20:00	10494	9.57	90.6	7.967	17.1	6.017	93.8	18.34	11.74	71.99	71.55	48.32	46.63	0	19.83	26.58	8.78	-0.014	12.57
10/2/2010 21:00	10495	7.741	89.6	5.891	11.74	4.207	92.1	16.62	6.368	67.13	65.97	56.93	56.36	0	0.004	26.55	8.77	-0.011	14.03
10/2/2010 22:00	10496	7.665	94.5	7.436	11.74	4.425	95.2	16.79	8.16	64.47	63.3	61.58	61.08	0	0.002	26.54	8.76	-0.009	12.25
10/2/2010 23:00	10497	10.08	90.5	8.09	15.31	6.009	93.5	18.76	11.74	63.83	63.01	61.42	60.2	0	0.001	26.54	8.75	-0.009	12.65
10/3/2010 0:00	10498	10.22	92.8	8.89	17.1	6.389	96.4	18.74	11.74	63.83	63.23	60.09	58.4	0	0	26.55	8.75	-0.003	13.99
10/3/2010 1:00	10499	9.54	97.1	8.89	15.31	6.137	99.8	18.47	11.74	63.2	62.72	60.23	58.33	0	0	26.55	8.75	-0.006	12.35
10/3/2010 2:00	10500	9.48	99.7	9.69	15.31	5.973	102.8	20.71	11.74	63.13	62.87	58.39	56.2	0	0.001	26.55	8.74	-0.01	12.21
10/3/2010 3:00	10501	7.876	99.5	9.49	13.52	4.841	101.7	19.69	9.95	62.09	61.54	57.72	56.02	0	0.001	26.55	8.73	-0.005	12.41
10/3/2010 4:00	10502	6.841	83.8	11.49	13.52	4.107	82.1	19.83	9.95	60.47	59.99	61.21	59.48	0	0	26.55	8.72	-0.009	12.12
10/3/2010 5:00	10503	10.78	82.4	10.18	18.89	6.606	85.8	19.21	11.74	58.83	58.87	65.7	62.62	0	0	26.55	8.72	-0.003	12.29
10/3/2010 6:00	10504	11.01	50.99	21.54	20.68	6.882	52.02	23.95	17.1	57.77	57.89	67.75	64.42	0	0	26.57	8.71	-0.006	12.24
10/3/2010 7:00	10505	13.97	47.71	15.39	22.47	8.26	51.4	19.54	15.31	58.32	58.42	62.13	59.08	0	0	26.59	8.71	-0.006	12.11
10/3/2010 8:00	10506	13.87	65.25	7.835	20.68	8.67	67.63	17.4	17.1	56.39	56.41	65.86	62.66	0	0.774	26.59	8.69	-0.016	14.6
10/3/2010 9:00	10507	13.62	75.05	12.05	22.47	8.43	77	19.99	17.1	54.02	54.49	69.7	65.67	0	42.49	26.59	8.69	-0.003	12.21
10/3/2010 10:00	10508	12.62	78.56	11.44	22.47	7.908	82.1	20.16	15.31	53.74	54.53	71.18	66.58	0	82.4	26.61	8.68	-0.01	12.17
10/3/2010 11:00	10509	12.58	64.86	10.97	20.68	7.877	66.65	18.79	13.52	54.17	55.52	70.61	65.19	0	250.1	26.63	8.67	-0.006	12.22
10/3/2010 12:00	10510	13.83	81	13.76	24.26	8.85	83.3	22.71	17.1	58.4	61.3	62.43	55.76	0	587.7	26.64	8.66	-0.008	14.53
10/3/2010 13:00	10511	13.8	95.1	14.3	22.47	9.1	98.1	25.13	17.1	61.16	64.74	57.95	51	0	749	26.67	8.66	-0.005	12.67
10/3/2010 14:00	10512	12.57	114.8	18.3	22.47	8.31	121.4	27.83	17.1	65.16	68.97	52.35	46.02	0	758.8	26.66	8.65	-0.011	12.8
10/3/2010 15:00	10513	11.67	130.1	18.59	20.68	7.57	137.9	26.79	15.31	66.85	69.87	49.19	43.89	0	621.5	26.64	8.64	-0.009	12.66
10/3/2010 16:00	10514	11.73	144	19.43	20.68	7.662	151	26.52	17.1	69.65	72.78	44.86	39.73	0	605.4	26.62	8.62	-0.016	12.72
10/3/2010 17:00	10515	10.84	136.2	17.25	18.89	6.911	143.8	23.75	13.52	68.88	70.48	45.69	41.92	0	258.7	26.61	8.61	-0.012	12.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/3/2010 18:00	10516	11.76	140.4	12.4	18.89	7.339	147.3	19.81	17.1	69.1	70.14	45.98	42.7	0	211.8	26.57	8.59	-0.015	13.01
10/3/2010 19:00	10517	13.31	111.8	16.25	20.68	8.32	117.5	25.35	15.31	68.07	69.67	50.33	46.24	0	228.4	26.56	8.58	-0.016	12.74
10/3/2010 20:00	10518	10.87	104.3	11.01	17.1	6.761	109.4	21.37	13.52	63.49	63.83	59.29	55.96	0	22.03	26.54	8.56	-0.015	12.19
10/3/2010 21:00	10519	10.75	84.2	9.64	18.89	6.67	86.9	19.01	13.52	58.9	58.98	67.96	64.6	0	0.001	26.52	8.55	-0.012	12.79
10/3/2010 22:00	10520	11.14	89.1	9.02	17.1	7.185	92.8	19.12	13.52	55.39	55.38	73.96	70.47	0	0	26.51	8.54	-0.012	12.75
10/3/2010 23:00	10521	8.93	95.5	9.39	17.1	5.782	97.9	19.39	11.74	53.98	53.92	78.2	74.53	0	0	26.51	8.53	-0.008	12.26
10/4/2010 0:00	10522	9.27	100.3	10.02	15.31	5.766	105.2	21.15	11.74	53.65	53.46	77.55	74.35	0	0	26.51	8.53	-0.006	12.35
10/4/2010 1:00	10523	8.93	100.3	9.68	15.31	5.699	103.9	21.39	11.74	53.78	53.76	74.44	71.15	0	0	26.51	8.52	-0.01	12.52
10/4/2010 2:00	10524	9.64	105.3	10	15.31	5.949	109.7	20.8	11.74	53.68	53.54	71.62	68.73	0	0	26.5	8.51	-0.003	12.65
10/4/2010 3:00	10525	8.31	82	23.42	17.1	5.195	85.9	28.61	11.74	53.17	53.29	70.3	67.07	0	0	26.51	8.51	-0.003	12.6
10/4/2010 4:00	10526	10.14	56.19	11.41	17.1	6.157	59.24	18.6	13.52	51.77	51.95	76.9	73.61	0	0	26.52	8.5	-0.006	12.49
10/4/2010 5:00	10527	10.53	71.88	10.95	17.1	6.338	74.51	19.25	11.74	50.7	50.8	78.54	74.86	0	0	26.49	8.5	-0.003	12.11
10/4/2010 6:00	10528	10.54	85.7	10.81	17.1	6.544	89.4	20.59	11.74	50.05	50.03	76.87	73.4	0	0	26.48	8.5	-0.003	12.18
10/4/2010 7:00	10529	8.39	112.4	12.51	15.31	5.045	116.5	21.82	11.74	50.06	49.84	75.27	72.38	0	0	26.49	8.49	-0.003	12.36
10/4/2010 8:00	10530	7.105	114.9	10.25	11.74	4.142	118.6	21.08	8.16	49.48	49.13	75.2	72.65	0	2.996	26.49	8.49	-0.003	12.52
10/4/2010 9:00	10531	8.11	112.9	14.61	17.1	5.137	118	24.48	11.74	51.11	51.59	71.48	67.81	0	111.1	26.49	8.49	-0.003	14.18
10/4/2010 10:00	10532	13.57	135	10.34	22.47	8.46	142.4	19.89	17.1	56.08	57.4	61.79	57.42	0	229.1	26.53	8.49	-0.001	12.11
10/4/2010 11:00	10533	14.34	150.9	12.12	22.47	8.91	157.7	18.72	17.1	59.95	61.89	58.24	53.26	0	436.3	26.57	8.48	-0.008	12.76
10/4/2010 12:00	10534	12.87	158.6	15.04	20.68	8.13	165.8	22.72	15.31	63.93	66.63	54.13	48.63	0	562	26.59	8.47	-0.008	12.6
10/4/2010 13:00	10535	11.29	177.5	15.27	22.47	7.761	185.6	20.84	17.1	66.21	68.79	50.93	45.66	0	626.2	26.62	8.47	-0.004	12.44
10/4/2010 14:00	10536	11.68	161.8	18.28	20.68	7.838	169.3	24.67	15.31	68.97	72.26	46.96	41.42	0	800	26.61	8.46	-0.01	12.41
10/4/2010 15:00	10537	11.13	156.6	20.29	20.68	7.462	165.8	25.88	15.31	71.22	74.79	43.69	38.22	0	779.7	26.61	8.45	-0.01	12.58
10/4/2010 16:00	10538	10.05	140.5	16.2	17.1	6.541	147.6	24.33	13.52	71.93	74.3	42.4	38.29	0	388.9	26.58	8.43	-0.012	12.24
10/4/2010 17:00	10539	10.94	142.6	15.47	17.1	7.103	149.4	22.21	13.52	73.93	76.05	39.9	36.1	0	445.5	26.55	8.42	-0.012	12.85
10/4/2010 18:00	10540	12.16	146.6	12.03	18.89	7.532	154.1	18.9	15.31	73.75	74.79	39.32	36.35	0	180.9	26.54	8.41	-0.016	12.82
10/4/2010 19:00	10541	12.33	133.5	10.66	20.68	7.553	140.2	18.88	15.31	73.15	73.59	39.83	37.38	0	128.7	26.52	8.39	-0.015	13
10/4/2010 20:00	10542	9.23	114.5	10.15	15.31	5.261	118.1	21.04	11.74	69.39	68.82	44.55	43.08	0	18.06	26.51	8.38	-0.015	12.34
10/4/2010 21:00	10543	7.418	102.6	7.934	11.74	3.954	102.8	19.06	8.16	64.54	63.23	51.83	51.32	0	0.001	26.5	8.37	-0.008	12.64
10/4/2010 22:00	10544	7.514	78.03	16.88	11.74	4.146	75.45	22.2	8.16	61.48	60.37	58.48	57.72	0	0	26.49	8.36	-0.005	12.91
10/4/2010 23:00	10545	8.94	78.51	8.88	13.52	5.134	79.48	16.69	9.95	59.2	58.5	64.5	62.77	0	0.001	26.49	8.35	-0.009	12.31
10/5/2010 0:00	10546	8.44	61.03	7.976	13.52	4.955	62.64	16.13	9.95	56	55.58	73.45	70.87	0	0	26.49	8.34	-0.01	12.31
10/5/2010 1:00	10547	9.86	78.24	11.92	15.31	5.839	80.8	19.15	11.74	55.83	55.34	73.7	71.32	0	0	26.48	8.33	-0.015	12.13
10/5/2010 2:00	10548	8.67	95.7	10.44	13.52	5.07	95.7	19.31	9.95	56.34	55.45	70.39	69.09	0	0	26.47	8.32	-0.006	13.7
10/5/2010 3:00	10549	8.02	111.6	9.06	13.52	4.602	112.6	20.01	9.95	56.89	56.18	68.27	66.61	0	0	26.47	8.32	-0.003	12.77
10/5/2010 4:00	10550	6.138	100.5	9.72	9.95	3.57	97.5	19.32	6.368	55.04	54.35	72.53	70.74	0	0	26.47	8.32	-0.003	12.11
10/5/2010 5:00	10551	5.657	99.5	8.98	9.95	3.033	90.9	15.29	6.368	53.95	52.71	74.63	73.81	0	0	26.45	8.31	-0.003	12.31
10/5/2010 6:00	10552	6.946	96	13.67	11.74	3.905	94.9	20.84	8.16	53.11	52.22	76.3	74.69	0	0	26.44	8.31	-0.003	12.69
10/5/2010 7:00	10553	6.303	90.5	16.2	9.95	3.427	87.4	22.55	6.368	52.04	51.03	78.37	76.87	0	0	26.45	8.31	-0.003	12.22
10/5/2010 8:00	10554	6.352	79.64	8.75	11.74	3.397	76.13	15.62	6.368	51.09	50.08	79.92	78.44	0	2.15	26.46	8.3	-0.003	12.31
10/5/2010 9:00	10555	5.918	90	14.35	11.74	3.685	88.2	22.43	8.16	53.07	53.23	74.74	71.68	0	91.7	26.48	8.3	-0.003	12.19
10/5/2010 10:00	10556	10.54	133.8	14.7	18.89	6.744	139.9	22.9	13.52	58.12	59.75	60.74	56.33	0	284.8	26.53	8.3	-0.002	12.35
10/5/2010 11:00	10557	11.58	150	13.03	17.1	7.532	157.2	20.52	13.52	62.83	65.1	54.21	49.28	0	480.6	26.58	8.29	-0.005	12.37
10/5/2010 12:00	10558	11.38	142.7	16.73	18.89	7.443	149.6	23.74	15.31	67.53	70.45	50.04	44.83	0	641	26.62	8.29	-0.008	12.53
10/5/2010 13:00	10559	12.17	142.9	17.14	20.68	7.973	149.6	24.57	17.1	71.49	74.65	46.49	41.32	0	747.8	26.64	8.28	-0.007	12.6
10/5/2010 14:00	10560	12.38	149.5	17.5	22.47	8.01	156.4	23.99	17.1	74.73	78.06	43.42	38.25	0	794.8	26.65	8.27	-0.011	12.47

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/5/2010 15:00	10561	12.2	148.1	16.71	20.68	8.04	156.4	23.31	15.31	77.21	80.5	40.49	35.57	0	771.6	26.63	8.26	-0.013	13.38
10/5/2010 16:00	10562	12.89	148	16.92	22.47	8.3	155.4	23.35	17.1	78.96	82	39.1	34.44	0	695.3	26.62	8.24	-0.016	12.61
10/5/2010 17:00	10563	14.06	136.9	17.17	22.47	8.81	144.2	24.08	18.89	79.51	82.1	38.71	34.47	0	553.7	26.61	8.22	-0.016	12.56
10/5/2010 18:00	10564	15.67	127.7	12.06	26.05	9.86	134.6	20.8	18.89	78.55	80.4	40.84	37.09	0	369.3	26.6	8.2	-0.022	12.63
10/5/2010 19:00	10565	15.35	127.9	10.23	24.26	9.32	134.8	19.78	18.89	76.53	77.27	41.98	39.2	0	168.6	26.59	8.18	-0.018	12.68
10/5/2010 20:00	10566	9.52	131.6	7.918	17.1	5.517	137.1	17.81	13.52	72.11	71.4	47.55	46.18	0	14.1	26.58	8.17	-0.011	12.34
10/5/2010 21:00	10567	6.9	120.7	8.1	11.74	3.266	117.6	16.8	6.368	66.49	64.5	56.39	57.08	0	0.003	26.56	8.16	-0.011	12.23
10/5/2010 22:00	10568	7.532	121.7	7.298	11.74	3.774	121.2	17.34	6.368	63.64	62.02	61.52	61.56	0	0	26.55	8.16	-0.006	12.51
10/5/2010 23:00	10569	7.288	131.8	6.79	9.95	3.375	130.5	16.57	6.368	61.73	59.75	63.82	64.65	0	0	26.55	8.15	-0.005	12.27
10/6/2010 0:00	10570	6.302	136.7	6.975	9.95	2.703	127.7	14.66	4.578	60.09	57.88	66.78	67.92	0	0	26.55	8.15	-0.003	12.66
10/6/2010 1:00	10571	5.993	144.6	7.692	13.52	2.409	137.2	16.76	4.578	58.32	56.1	72.3	73.06	0	0	26.54	8.14	-0.005	12.2
10/6/2010 2:00	10572	5.316	131.8	7.017	9.95	2.085	113	14.82	4.578	57.35	55.15	75.81	76.49	0	0	26.53	8.14	-0.003	12.26
10/6/2010 3:00	10573	4.951	112.4	8.8	9.95	2.293	85.7	11.56	4.578	56.43	54.18	77.88	78.37	0	0	26.52	8.14	0	12.17
10/6/2010 4:00	10574	4.285	121.5	11.99	8.16	1.515	89.4	11.34	4.578	55.76	53.58	79.28	79.81	0	0	26.51	8.14	-0.003	14.62
10/6/2010 5:00	10575	3.628	68.98	10.95	8.16	2.256	60.04	11.24	4.578	55.6	54.22	79.36	78.49	0	0	26.51	8.13	-0.003	12.1
10/6/2010 6:00	10576	6.067	54.14	9.37	8.16	3.359	59.54	13.23	6.368	54.27	52.6	81.1	80.4	0	0	26.51	8.13	-0.003	12.43
10/6/2010 7:00	10577	6.471	47.97	10.69	9.95	3.689	56.93	16.36	8.16	52.69	51.8	83.6	81.3	0	0	26.52	8.13	-0.003	12.12
10/6/2010 8:00	10578	7.351	50.7	10.44	11.74	4.089	56.97	17.78	8.16	51.17	50.61	86	82.9	0	2.181	26.53	8.13	0	12.53
10/6/2010 9:00	10579	8.23	63.22	7.337	13.52	5.362	65.98	15.66	9.95	51.99	52.27	85.2	80.6	0	91.7	26.54	8.12	-0.006	12.32
10/6/2010 10:00	10580	7.03	89.2	23.99	11.74	4.906	91.4	32.4	9.95	58.4	60.01	74.67	69.16	0	284.7	26.59	8.11	-0.005	12.2
10/6/2010 11:00	10581	9.21	141.5	16.38	15.31	6.186	146.7	24.77	13.52	63.58	66.05	62.18	56.59	0	481.7	26.65	8.11	-0.002	12.6
10/6/2010 12:00	10582	8.89	129.3	18.56	17.1	6.096	136	27.95	11.74	67.98	71.05	55.29	49.68	0	642.3	26.68	8.11	-0.005	12.81
10/6/2010 13:00	10583	9.75	133.4	20.87	17.1	6.592	140.2	30.05	15.31	72.07	75.5	48.41	42.94	0	751.2	26.7	8.1	-0.007	12.37
10/6/2010 14:00	10584	10.67	137.1	18.78	18.89	7.037	145	27.89	15.31	75.73	79.25	42.13	37.12	0	797.5	26.7	8.09	-0.007	14.34
10/6/2010 15:00	10585	11.54	143.1	17.65	20.68	7.708	149.9	24.98	15.31	78.24	81.7	36.82	32.15	0	779.9	26.68	8.08	-0.013	12.31
10/6/2010 16:00	10586	10.86	139.7	17.08	22.47	7.213	147	25.39	17.1	79.86	83	33.65	29.41	0	697.1	26.67	8.06	-0.019	12.63
10/6/2010 17:00	10587	11.1	142	19.94	18.89	7.181	149.4	28.08	15.31	80.6	83.3	31.68	27.85	0	558.9	26.65	8.04	-0.019	12.73
10/6/2010 18:00	10588	11.24	132.7	15.5	20.68	7.112	139.5	24.61	17.1	80.2	82.4	32.26	28.8	0	376.8	26.64	8.02	-0.025	12.7
10/6/2010 19:00	10589	10.42	132.5	10.75	17.1	6.431	139.5	19.78	13.52	78.85	79.71	33.52	31.06	0	170.8	26.62	7.999	-0.019	12.33
10/6/2010 20:00	10590	7.168	116.9	8.78	11.74	3.532	120.1	17.71	9.95	73.04	71.62	41.21	41.27	0	14.08	26.6	7.985	-0.014	12.47
10/6/2010 21:00	10591	7.998	111.8	7.324	11.74	3.762	112.8	18.09	6.368	68.08	65.78	48.14	49.05	0	0.001	26.58	7.974	-0.011	12.21
10/6/2010 22:00	10592	8.46	115.4	7.241	11.74	4.27	116.7	17.72	8.16	65.13	63.42	54.21	54.32	0	0.001	26.57	7.968	-0.006	12.15
10/6/2010 23:00	10593	7.605	130.7	7.931	11.74	3.502	130.8	16.42	6.368	63.67	61.94	54.56	54.9	0	0.001	26.56	7.959	-0.009	12.18
10/7/2010 0:00	10594	4.795	139.1	7.067	8.16	1.75	104.1	12.71	4.578	61.31	58.77	57.25	59.21	0	0	26.56	7.954	-0.006	12.24
10/7/2010 1:00	10595	6.814	148.4	5.656	13.52	2.415	131	13.59	4.578	60.86	57.12	56.89	61.09	0	0	26.55	7.947	-0.006	12.24
10/7/2010 2:00	10596	4.975	147.4	7.653	8.16	1.583	106.8	9.96	4.578	58.75	55.76	59.91	62.76	0	0	26.54	7.945	-0.002	12.26
10/7/2010 3:00	10597	3.838	163.6	15.56	6.368	1.054	119	16.57	4.578	58.29	55.79	60.55	62.21	0	0	26.53	7.942	-0.003	12.36
10/7/2010 4:00	10598	1.689	172.1	13.55	4.578	0.298	100.9	12.7	2.789	57.32	55.02	63.08	64.68	0	0	26.51	7.939	-0.003	14.58
10/7/2010 5:00	10599	0.143	189	6.651	2.789	0.163	25.17	16.3	2.789	55.96	53.55	66.23	68.7	0	0	26.49	7.936	-0.003	14.81
10/7/2010 6:00	10600	0.724	253	21.9	4.578	0.068	351.1	0.012	2.789	56.31	52.8	66.48	70.82	0	0	26.48	7.933	-0.003	12.08
10/7/2010 7:00	10601	1.936	2.732	16.06	4.578	0.689	56.58	11.82	4.578	56.28	52.13	67.44	72.45	0	0	26.49	7.93	-0.003	12.32
10/7/2010 8:00	10602	3.656	44.07	9.35	4.578	2.667	63.24	6.205	4.578	55.3	51.38	70.28	73.47	0	1.928	26.5	7.926	-0.003	12.08
10/7/2010 9:00	10603	4.124	66.46	8.74	6.368	2.699	61.79	10.04	4.578	57.2	55.51	69.84	69.35	0	92	26.51	7.923	-0.003	12.51
10/7/2010 10:00	10604	4.896	121.8	32.65	9.95	3.569	126.7	39.67	9.95	63.95	65.4	61.91	57.85	0	288.3	26.58	7.924	0.001	12.17
10/7/2010 11:00	10605	7.667	160.7	17.34	11.74	5.332	169.9	24.33	9.95	68.63	70.82	53.39	48.76	0	486.8	26.65	7.922	-0.002	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/7/2010 12:00	10606	8.13	155.3	20.63	13.52	5.672	164.8	27.61	9.95	73.02	75.7	40.43	36.3	0	647.5	26.68	7.917	-0.004	12.74
10/7/2010 13:00	10607	8.84	153.4	23.18	17.1	6.052	161.4	30.65	13.52	76.75	79.81	28.67	25	0	755.9	26.7	7.907	-0.01	12.14
10/7/2010 14:00	10608	9.79	150.7	24.65	17.1	6.765	159.8	31.58	15.31	79.02	82.2	24.13	20.5	0	806	26.69	7.901	-0.006	12.26
10/7/2010 15:00	10609	10.42	148	23.17	18.89	6.998	155.7	31.48	17.1	80.3	83.7	21.48	17.87	0	788.2	26.67	7.885	-0.016	12.79
10/7/2010 16:00	10610	10.19	151	24.66	20.68	6.823	156.7	31.84	15.31	81.3	84.3	19.08	15.72	0	711	26.64	7.859	-0.025	12.61
10/7/2010 17:00	10611	8.57	156.7	29.78	17.1	5.853	164.5	35.57	13.52	81.6	84	18.53	15.32	0	571.8	26.62	7.847	-0.013	12.33
10/7/2010 18:00	10612	8.33	170.9	22.25	17.1	5.689	179.2	27.36	13.52	81.2	83.1	19.13	16.09	0	383.1	26.6	7.828	-0.019	12.34
10/7/2010 19:00	10613	7.288	171.5	13.85	13.52	4.509	178.5	19.09	9.95	79.68	80.4	20.96	18.86	0	174.9	26.58	7.809	-0.018	13.18
10/7/2010 20:00	10614	6.664	134.5	10.06	9.95	2.576	124.2	17.6	4.578	74.66	71.08	27.28	30.3	0	13.38	26.56	7.789	-0.021	12.35
10/7/2010 21:00	10615	7.164	126.4	8.31	9.95	3.131	98	14.8	4.578	70.5	64.55	30.72	36.49	0	0.001	26.53	7.775	-0.014	12.37
10/7/2010 22:00	10616	6.942	108.2	8.25	9.95	3.002	88.1	13.01	4.578	64.75	60.22	39.57	44.03	0	0	26.51	7.763	-0.012	12.54
10/7/2010 23:00	10617	7.992	114.6	5.34	11.74	3.326	99.4	15.01	6.368	63.45	59.12	41.94	46.32	0	0	26.49	7.757	-0.006	12.2
10/8/2010 0:00	10618	8.33	123.1	6.565	11.74	3.424	112	15.51	6.368	63.09	58.9	41.17	45.3	0	0	26.48	7.751	-0.006	12.24
10/8/2010 1:00	10619	7.076	135.4	10.69	15.31	2.97	132.6	24.82	6.368	61.46	58.32	43.62	45.71	0	0	26.47	7.738	-0.013	12.53
10/8/2010 2:00	10620	3.623	195.6	32.89	6.368	1.289	220.8	30.77	4.578	57.87	55.8	50.04	51.01	0	0	26.46	7.736	-0.002	12.39
10/8/2010 3:00	10621	2.92	190.3	26.17	4.578	0.635	118.3	25.05	2.789	57.13	54.13	50.8	54.09	0	0	26.44	7.733	-0.003	12.11
10/8/2010 4:00	10622	3.376	180.9	6.419	4.578	0.848	127.5	6.317	2.789	56.37	53.77	51.89	53.24	0	0	26.43	7.723	-0.01	12.19
10/8/2010 5:00	10623	4.48	181.9	9.53	6.368	1.164	167.3	15.21	4.578	55.44	52.36	52.01	54.63	0	0	26.41	7.72	-0.003	12.12
10/8/2010 6:00	10624	4.175	177.5	10.52	6.368	1.625	129.9	18.54	4.578	54.69	51.04	52.83	56.52	0	0	26.41	7.714	-0.006	12.22
10/8/2010 7:00	10625	3.027	169	7.973	4.578	1.489	99.7	6.943	2.789	54.21	50.91	54.52	57.34	0	0	26.41	7.714	0	12.14
10/8/2010 8:00	10626	0.883	175.1	6.78	4.578	0	0	0	0	52.69	50.07	58.71	61.75	0	1.854	26.41	7.714	0	12.21
10/8/2010 9:00	10627	0.754	210.2	12.26	4.578	0.154	242.8	2.431	4.578	56.44	55.07	56.44	56.34	0	94.1	26.42	7.707	-0.007	12.19
10/8/2010 10:00	10628	6.728	195.1	14.99	13.52	4.912	206.4	17.69	11.74	61.67	62.66	55.25	51.11	0	297.3	26.49	7.705	-0.002	12.35
10/8/2010 11:00	10629	9.16	199.6	13.99	13.52	6.511	208.4	16.93	11.74	67.38	69.16	50.67	46.11	0	498.8	26.56	7.703	-0.002	12.82
10/8/2010 12:00	10630	9.96	191.7	18.03	17.1	7.117	200.2	21.71	15.31	71.25	73.59	41.21	36.76	0	661.8	26.59	7.699	-0.004	12.42
10/8/2010 13:00	10631	9.21	165.6	22.24	18.89	6.33	174	29.45	13.52	74.35	77.28	34.77	30.38	0	771	26.6	7.692	-0.008	12.82
10/8/2010 14:00	10632	9.08	160.6	27.76	17.1	6.435	168.9	37.13	15.31	77.04	80	28.45	24.44	0	820	26.59	7.682	-0.01	12.53
10/8/2010 15:00	10633	8.75	167.7	28.91	20.68	6.165	175.4	36.08	17.1	78.66	81.8	23.32	19.45	0	801	26.57	7.666	-0.016	12.42
10/8/2010 16:00	10634	8.01	189.5	25.3	15.31	5.785	199	27.74	11.74	80	82.4	22.26	18.63	0	717.8	26.55	7.647	-0.019	12.41
10/8/2010 17:00	10635	8.01	192.4	24.65	15.31	5.732	199.5	31.2	13.52	80.5	82.5	19.83	16.52	0	577.7	26.54	7.631	-0.016	12.73
10/8/2010 18:00	10636	6.297	192.4	25.81	13.52	4.638	201.1	31.12	9.95	80.7	82.3	19.38	16.27	0	389.5	26.52	7.615	-0.016	12.8
10/8/2010 19:00	10637	6.186	175.3	18.76	9.95	3.775	182	23.69	9.95	79.48	80.2	20.28	18.35	0	178.2	26.51	7.6	-0.015	12.81
10/8/2010 20:00	10638	6.69	150.5	9.59	9.95	2.59	131.5	20.7	4.578	73.84	69.93	26.32	29.96	0	12.63	26.48	7.586	-0.014	13.15
10/8/2010 21:00	10639	8.2	122.5	7.564	11.74	3.532	111.2	18.24	6.368	67.32	62.88	33.52	36.87	0	0	26.44	7.578	-0.008	12.27
10/8/2010 22:00	10640	8.98	119.7	5.78	11.74	4.113	115.8	17	8.16	64.28	61.26	35.42	37.07	0	0	26.42	7.566	-0.012	12.44
10/8/2010 23:00	10641	8.67	113	8.17	11.74	4.298	110.5	18.85	6.368	62.53	60.41	37.66	37.85	0	0	26.41	7.551	-0.015	12.76
10/9/2010 0:00	10642	8.41	128.8	15.21	13.52	4.11	131.3	23.87	8.16	62.11	60.2	39.1	38.92	0	0	26.4	7.541	-0.009	12.69
10/9/2010 1:00	10643	6.532	155.5	19.84	17.1	2.908	155.6	24.58	8.16	60.17	58.58	44.62	43.83	0	0	26.4	7.535	-0.006	12.31
10/9/2010 2:00	10644	4.023	181.2	13.41	8.16	0.889	200.8	12.77	4.578	57.53	55.53	53.2	52.71	0	0	26.39	7.526	-0.008	12.23
10/9/2010 3:00	10645	4.397	202.7	13.1	8.16	1.413	228	18.09	4.578	57.55	55.21	59.09	59.29	0	0	26.37	7.524	-0.003	12.14
10/9/2010 4:00	10646	4.619	200.3	12.51	8.16	1.027	225.2	21.81	2.789	57.27	54.07	62.73	64.49	0	0	26.36	7.52	-0.003	12.31
10/9/2010 5:00	10647	5.066	206.2	12.19	8.16	1.459	234.5	18.1	4.578	56.39	53.32	65.83	67.78	0	0	26.34	7.517	-0.003	12.34
10/9/2010 6:00	10648	3.204	225.1	12.95	6.368	0.494	310.8	11.81	2.789	55.66	52.77	67.6	69.99	0	0	26.34	7.514	-0.003	13.67
10/9/2010 7:00	10649	4.827	252.8	14.1	6.368	1.54	294.8	13.95	4.578	55.92	51.88	66.59	70.7	0	0	26.35	7.514	0	12.25
10/9/2010 8:00	10650	5.287	265.3	16.43	8.16	2.151	287.2	23.81	4.578	55.29	51.23	68.12	72.05	0	1.718	26.35	7.511	-0.003	14.4

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/9/2010 9:00	10651	5.481	276.1	10.65	9.95	3.734	288.7	19.06	8.16	55.79	54.46	68.39	67.39	0	87.6	26.37	7.511	0	13.09
10/9/2010 10:00	10652	6.707	241.2	27.08	11.74	5.211	246.1	28.65	9.95	61.58	62.32	60.34	56.27	0	285.1	26.42	7.502	-0.008	12.94
10/9/2010 11:00	10653	6.769	235.9	22.09	11.74	5.325	240.8	24.05	9.95	68.86	70.07	48.94	44.96	0	485.8	26.48	7.497	-0.005	13.27
10/9/2010 12:00	10654	5.512	310.3	48.82	11.74	4.385	315.4	50.7	9.95	76.37	77.61	34.97	31.51	0	648.3	26.52	7.492	-0.005	13.33
10/9/2010 13:00	10655	4.475	306.6	66.41	11.74	3.798	308.1	68.12	9.95	81.6	82.7	25.18	22.12	0	761.7	26.54	7.489	-0.003	13.92
10/9/2010 14:00	10656	5.192	252.2	48.85	13.52	4.371	257.4	51.96	11.74	85	86.4	20.09	16.86	0	811	26.54	7.479	-0.01	12.73
10/9/2010 15:00	10657	6.002	243.2	50.91	20.68	4.834	247.8	52.9	17.1	87	88.3	17.42	14.33	0	790.4	26.52	7.466	-0.013	12.87
10/9/2010 16:00	10658	9.17	238	21.63	20.68	7.165	243.1	23.33	18.89	87.3	88.6	11.2	8.33	0	716.5	26.49	7.441	-0.025	12.75
10/9/2010 17:00	10659	8.79	234	29.16	18.89	6.684	237.7	30.34	13.52	87.6	88.9	9.44	6.536	0	578.5	26.47	7.416	-0.025	13.51
10/9/2010 18:00	10660	9.38	256.9	17.42	18.89	7.268	259.4	18.79	15.31	86.7	87.7	8.4	5.529	0	390.7	26.45	7.384	-0.032	13.87
10/9/2010 19:00	10661	6.866	268.8	15.39	15.31	5.094	273.7	19.11	11.74	85.4	85.6	8.68	6.339	0	179.6	26.44	7.368	-0.016	12.82
10/9/2010 20:00	10662	5.074	299.2	15.02	8.16	2.133	303.9	25.1	4.578	79.09	75.24	13.35	16.64	0	12.44	26.42	7.357	-0.011	12.98
10/9/2010 21:00	10663	2.489	262.8	30.23	9.95	1.466	34.28	46.12	9.95	73.95	67.63	16.94	22.43	0	0.003	26.38	7.349	-0.008	12.27
10/9/2010 22:00	10664	2.161	346.9	22.37	6.368	1.752	62.08	12.37	4.578	72.02	66.17	18.76	25.72	0	0	26.35	7.343	-0.006	12.8
10/9/2010 23:00	10665	2.184	10.43	28.69	6.368	2.278	83.1	28.03	4.578	69.66	61.71	22.35	31.49	0	0	26.33	7.332	-0.012	12.83
10/10/2010 0:00	10666	5.028	284.3	25.12	8.16	1.793	291	26.6	4.578	61.28	55.46	32.62	41.46	0	0	26.32	7.326	-0.006	12.57
10/10/2010 1:00	10667	3.493	145.1	72.48	20.68	2.588	104.5	20.43	9.95	63.16	54.86	30.33	42.25	0	0	26.31	7.321	-0.006	12.37
10/10/2010 2:00	10668	3.072	187.5	29.89	8.16	0.497	211.1	30.08	2.789	59.86	56.85	50.44	50.52	0	0	26.29	7.314	-0.006	12.74
10/10/2010 3:00	10669	4.296	187.8	25.32	9.95	1.185	176.9	36.41	6.368	58.95	55.54	62.75	62.34	0	0	26.28	7.311	-0.003	12.19
10/10/2010 4:00	10670	2.727	204	14.5	6.368	0.195	258.5	9.57	2.789	58.37	55.2	70.32	71.06	0	0	26.27	7.308	-0.003	12.63
10/10/2010 5:00	10671	3.424	212.1	30.48	6.368	0.37	305.5	2.588	4.578	57.81	53.82	72.01	74.68	0	0	26.25	7.305	-0.003	12.84
10/10/2010 6:00	10672	4.932	269.4	15.67	9.95	1.863	304.2	9.42	6.368	57.32	52.26	71.46	75.76	0	0	26.25	7.301	-0.003	12.29
10/10/2010 7:00	10673	7.732	289.9	8.89	17.1	4.27	297.3	12.22	11.74	53.99	51.32	78.18	78.14	0	0	26.26	7.298	-0.003	14.73
10/10/2010 8:00	10674	3.503	276.5	27.62	22.47	1.471	319.6	8.69	15.31	53.97	50.77	78.87	79.53	0	1.913	26.26	7.295	-0.003	12.22
10/10/2010 9:00	10675	6.394	310.8	10.89	11.74	4.012	314.1	12.3	9.95	55.71	54.79	73.21	71.55	0	97.5	26.27	7.289	-0.006	14.68
10/10/2010 10:00	10676	5.239	309.6	19.57	13.52	4.399	315.9	20.16	9.95	64.47	64.86	50.57	47.59	0	302.2	26.31	7.287	-0.002	12.9
10/10/2010 11:00	10677	11.5	328.9	10.84	17.1	9.2	334	13.04	15.31	68.75	69.7	32.49	29.61	0	457.2	26.37	7.275	-0.011	12.85
10/10/2010 12:00	10678	8.44	331.5	12.66	15.31	6.809	337.5	15.19	13.52	69.66	70.44	32.08	29.09	0	351	26.38	7.272	-0.003	12.33
10/10/2010 13:00	10679	6.862	309.8	25.04	11.74	5.687	316.6	28.69	11.74	75.67	76.57	26.61	23.54	0	686	26.38	7.262	-0.01	12.78
10/10/2010 14:00	10680	8.39	277.8	22.67	17.1	6.991	282.9	27.19	13.52	80.9	82.1	19.85	16.7	0	776.6	26.39	7.248	-0.014	12.6
10/10/2010 15:00	10681	10.04	267.3	20.63	18.89	8.18	271	23.26	17.1	82	83.4	17.29	14.02	0	784.7	26.38	7.226	-0.022	12.71
10/10/2010 16:00	10682	11.08	267.1	19.12	20.68	9.03	270.8	22.06	17.1	82.6	83.9	15.1	11.88	0	709.5	26.36	7.197	-0.029	12.99
10/10/2010 17:00	10683	12.29	267.1	18	22.47	9.64	271.1	20.61	18.89	82.5	83.6	15.32	12.18	0	569.7	26.34	7.165	-0.032	12.93
10/10/2010 18:00	10684	10.97	285.2	17.12	20.68	8.67	290	20.1	18.89	82.2	83.2	15.6	12.49	0	376.8	26.33	7.143	-0.022	12.93
10/10/2010 19:00	10685	10.19	283.3	9.29	17.1	7.907	287.5	13.23	13.52	80.3	80.6	16.8	14	0	168.4	26.32	7.113	-0.031	12.77
10/10/2010 20:00	10686	6.965	298.4	18.21	9.95	3.78	311.5	22.84	8.16	74.42	72.14	22.94	23.08	0	10.67	26.31	7.088	-0.024	13.95
10/10/2010 21:00	10687	8.67	330.5	6.71	15.31	5.339	338.7	9.86	9.95	71.36	69.23	25.98	25.72	0	0.001	26.28	7.077	-0.011	12.61
10/10/2010 22:00	10688	10.57	344.5	9.69	17.1	6.872	351	13.42	13.52	70.66	69.31	25.52	24.23	0	0	26.28	7.064	-0.013	12.76
10/10/2010 23:00	10689	12.38	1.498	13.95	22.47	8.35	7.009	14.53	18.89	67.83	67.03	31.44	29.29	0	0.001	26.28	7.055	-0.01	12.82
10/11/2010 0:00	10690	12.3	22.48	9.25	18.89	7.604	27.43	11.84	15.31	63.25	63.13	47.45	44.44	0	0	26.29	7.042	-0.013	14.55
10/11/2010 1:00	10691	11.87	22.29	9.46	24.26	7.244	28.38	12.01	24.26	60.9	60.72	55.64	52.74	0	0	26.28	7.037	-0.005	12.61
10/11/2010 2:00	10692	8.99	37.21	15.36	15.31	4.984	45.4	19.7	9.95	58.04	57.7	61.43	58.68	0	0	26.28	7.028	-0.009	12.89
10/11/2010 3:00	10693	7.451	40.29	12.46	13.52	4.04	50.8	18.18	8.16	55.81	54.86	66.19	64.48	0	0	26.27	7.012	-0.015	12.71
10/11/2010 4:00	10694	7.908	30.33	11.9	13.52	4.387	35.28	15.55	9.95	56.11	55.79	66.66	63.85	0	0	26.27	7.009	-0.003	12.2
10/11/2010 5:00	10695	7.527	29.06	11.84	13.52	4.068	34.84	15.18	9.95	54.64	54.25	69.3	66.48	0	0	26.26	7.003	-0.006	13.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/11/2010 6:00	10696	7.708	35.85	12.68	11.74	4.17	42.37	17.99	9.95	53.78	53.21	72.13	69.45	0	0	26.26	7.003	0	12.84
10/11/2010 7:00	10697	8.4	22.3	10.84	13.52	5.055	27.27	13.8	9.95	52.89	52.67	74.04	70.61	0	0	26.27	6.997	-0.006	12.53
10/11/2010 8:00	10698	10.08	22.11	9.44	15.31	6.096	28.62	12.18	11.74	52.76	52.49	74.25	70.92	0	1.517	26.28	6.994	-0.003	12.88
10/11/2010 9:00	10699	11.37	22.1	8.68	17.1	7.051	27.58	11.69	13.52	54.35	54.32	72.03	68.26	0	83.9	26.29	6.99	-0.003	12.79
10/11/2010 10:00	10700	10.6	31.06	11.23	17.1	6.193	35.82	13.65	13.52	59.13	59.71	61.59	57.7	0	279	26.34	6.986	-0.005	12.24
10/11/2010 11:00	10701	9.08	48.19	15.58	15.31	5.468	49.63	20.52	11.74	66.15	67.6	46.48	42.57	0	478.1	26.39	6.981	-0.005	13.29
10/11/2010 12:00	10702	7.884	79.92	21.66	13.52	5.415	81.4	30.83	11.74	72.04	74.63	36.07	31.91	0	637.3	26.44	6.976	-0.005	13.13
10/11/2010 13:00	10703	6.219	63.14	39.46	22.47	4.624	60.58	45.9	17.1	75.93	78.26	28.83	25.06	0	744	26.47	6.969	-0.007	12.46
10/11/2010 14:00	10704	6.395	119.9	51.97	15.31	4.724	131.2	58.04	13.52	77.77	80.3	27.24	23.45	0	788.4	26.47	6.959	-0.01	12.87
10/11/2010 15:00	10705	5.2	271	80.4	11.74	4.175	277.8	73.93	9.95	79.59	81.2	25.44	21.81	0	769.7	26.45	6.95	-0.01	12.92
10/11/2010 16:00	10706	5.729	213.9	54.75	13.52	4.594	223.4	56.4	9.95	80.5	81.9	24.96	21.39	0	691.7	26.43	6.934	-0.016	12.5
10/11/2010 17:00	10707	5.637	201.7	41.16	15.31	4.524	210.9	44.49	11.74	80.6	81.9	24.56	21.15	0	504.7	26.41	6.912	-0.022	12.62
10/11/2010 18:00	10708	4.222	308.2	91.8	9.95	3.431	290.4	85.7	9.95	80.8	81.8	23.84	20.67	0	352.6	26.4	6.896	-0.016	12.76
10/11/2010 19:00	10709	3.497	126.3	57.63	8.16	2.126	130.9	57.05	6.368	78.85	79.27	25.83	24.27	0	118.6	26.39	6.878	-0.018	12.61
10/11/2010 20:00	10710	5.526	111.5	5.1	8.16	2.608	98	13.62	4.578	75.24	72.28	29.53	33.03	0	13.92	26.38	6.869	-0.008	12.18
10/11/2010 21:00	10711	6.419	82.5	12.47	8.16	3.363	71.93	14.81	4.578	70	66.29	35.4	38.51	0	0.001	26.36	6.861	-0.008	12.62
10/11/2010 22:00	10712	8.38	79.79	7.433	13.52	4.196	82.8	16.62	8.16	67.04	65.15	39.91	39.93	0	0	26.35	6.849	-0.012	13.57
10/11/2010 23:00	10713	8.77	82	7.358	13.52	4.674	85.8	16.71	8.16	64.29	63.24	44.69	43.41	0	0	26.36	6.843	-0.006	12.89
10/12/2010 0:00	10714	7.388	67.8	11.8	11.74	4.061	66.33	17.69	8.16	62.87	61.9	47.61	46.36	0	0	26.36	6.833	-0.009	12.74
10/12/2010 1:00	10715	7.615	51.88	7.607	11.74	4.239	59.63	15.78	8.16	60.42	59.5	52.51	51.26	0	0	26.37	6.828	-0.006	12.84
10/12/2010 2:00	10716	8.71	51.37	9.51	15.31	4.847	55.39	16.2	9.95	58.36	57.63	54.87	53.12	0	0	26.37	6.815	-0.013	14.29
10/12/2010 3:00	10717	8.06	51.91	7.3	13.52	4.563	59.2	15.04	8.16	54.68	53.97	62.01	59.96	0	0	26.36	6.809	-0.006	13.46
10/12/2010 4:00	10718	7.381	41.1	9.17	11.74	3.7	52.57	15.44	8.16	54.85	53.51	62.44	61.61	0	0	26.35	6.804	-0.006	12.81
10/12/2010 5:00	10719	7.797	37.98	10.23	11.74	4.03	45.7	14.37	9.95	54.84	53.7	63.48	62.25	0	0	26.34	6.8	-0.003	13.09
10/12/2010 6:00	10720	10.93	25.39	9.07	17.1	6.113	31.27	12.28	15.31	53.35	53.16	66.91	63.76	0	0	26.35	6.794	-0.006	12.82
10/12/2010 7:00	10721	9.6	30.14	10.39	17.1	5.193	35.9	13.1	13.52	52.71	52.47	68.32	65.23	0	0	26.37	6.788	-0.006	12.36
10/12/2010 8:00	10722	10.07	30.7	10.66	17.1	5.312	36.95	13.5	11.74	52.37	52.11	67.9	64.92	0	1.365	26.38	6.784	-0.003	12.76
10/12/2010 9:00	10723	10.97	36.86	10.36	17.1	5.889	40.71	13.47	13.52	54.24	54.21	63.75	60.45	0	80.8	26.41	6.778	-0.006	12.92
10/12/2010 10:00	10724	10.27	58.06	13.7	15.31	6.171	59.92	21.09	11.74	61.14	62.24	53.24	49.28	0	273.3	26.46	6.77	-0.008	12.63
10/12/2010 11:00	10725	11.54	72.19	11.6	17.1	7.297	73.49	21.5	13.52	67.71	69.9	43.29	38.89	0	469.3	26.53	6.765	-0.005	12.48
10/12/2010 12:00	10726	11.69	81.3	14.12	18.89	7.671	84.5	24.79	15.31	72.24	75.08	38.45	33.8	0	628.9	26.58	6.758	-0.007	12.5
10/12/2010 13:00	10727	9.91	85.4	19.77	17.1	6.782	90.1	29.01	13.52	75.47	78.6	34.32	29.76	0	735.5	26.6	6.75	-0.007	12.42
10/12/2010 14:00	10728	7.697	76.54	29.67	20.68	5.232	75.6	38.76	15.31	77.46	80.6	32.08	27.51	0	780.9	26.61	6.741	-0.01	12.59
10/12/2010 15:00	10729	7.563	53.22	39.62	17.1	5.361	51.9	41.96	13.52	79	81.7	30.16	25.75	0	759.4	26.61	6.731	-0.01	12.64
10/12/2010 16:00	10730	6.759	64.49	35.98	15.31	4.963	62.18	48.42	15.31	79.99	82.2	28.54	24.67	0	670.1	26.6	6.715	-0.016	12.69
10/12/2010 17:00	10731	8.12	68.07	27.98	15.31	5.485	68.49	36.48	11.74	79.79	81.9	28.37	24.57	0	519.7	26.6	6.7	-0.016	12.58
10/12/2010 18:00	10732	9.47	75.55	19.71	17.1	6.299	77.79	26.67	15.31	78.99	80.9	28.68	25.09	0	356.4	26.59	6.677	-0.022	12.66
10/12/2010 19:00	10733	10.46	66.4	12.27	18.89	6.385	69.59	20.23	13.52	76.99	77.57	29.83	27.09	0	138.6	26.58	6.637	-0.04	12.7
10/12/2010 20:00	10734	7.496	64.44	7.413	9.95	4.13	67.02	16.53	8.16	70.82	69.72	36.69	35.43	0	3.836	26.57	6.619	-0.018	12.61
10/12/2010 21:00	10735	8.99	60.05	9.27	13.52	5.289	65.33	16.6	9.95	66.14	65.14	41.74	40.2	0	0.001	26.55	6.605	-0.015	12.53
10/12/2010 22:00	10736	9.47	66.66	8.45	13.52	5.43	67.35	16.59	9.95	64.5	63.47	42.47	41.01	0	0	26.54	6.592	-0.013	12.79
10/12/2010 23:00	10737	7.788	52.74	9.33	13.52	4.293	56.73	14.86	8.16	61.31	60.27	46.97	45.57	0	0	26.55	6.577	-0.015	12.6
10/13/2010 0:00	10738	8.15	54.33	8.62	13.52	4.873	61.43	15.38	9.95	59.59	58.77	48.54	46.8	0	0	26.55	6.568	-0.009	12.47
10/13/2010 1:00	10739	9.05	44.71	9.92	13.52	4.857	50.38	16.16	9.95	57.54	56.85	51.08	49.17	0	0	26.55	6.561	-0.006	12.62
10/13/2010 2:00	10740	8.79	37.8	10.04	13.52	4.662	42.23	14.01	9.95	56.64	56.26	50.43	48.05	0	0	26.55	6.552	-0.009	14.2

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/13/2010 3:00	10741	11.16	41.7	7.988	17.1	5.744	44.21	14.72	11.74	56.46	56	50.82	48.47	0	0	26.56	6.546	-0.006	12.2
10/13/2010 4:00	10742	12.19	40.59	7.928	17.1	6.415	41.57	13.32	13.52	56.41	56.22	53.69	50.75	0	0	26.57	6.537	-0.01	12.49
10/13/2010 5:00	10743	9.03	47.22	9.63	15.31	4.939	50.53	16.51	9.95	54.75	54.43	60.72	57.87	0	0	26.58	6.527	-0.009	12.5
10/13/2010 6:00	10744	10.11	37.83	8.46	15.31	5.533	41.33	12.91	11.74	53.97	53.91	64.09	60.66	0	0	26.59	6.521	-0.006	12.39
10/13/2010 7:00	10745	10.18	43.95	8.52	15.31	5.243	46.71	15.09	9.95	52.67	52.41	69.42	66.1	0	0	26.6	6.518	-0.003	12.71
10/13/2010 8:00	10746	10.86	30.56	11.25	15.31	6.102	34.5	13.77	13.52	51.77	51.68	73.98	70.13	0	1.054	26.62	6.515	-0.003	12.82
10/13/2010 9:00	10747	9.54	31.48	10.74	15.31	5.381	36.48	13.48	11.74	52.62	52.77	75.26	70.94	0	75.03	26.64	6.512	-0.003	12.33
10/13/2010 10:00	10748	11.76	58.46	13.47	18.89	7.271	59.68	19.47	13.52	58.09	59.23	68.32	63.07	0	265.7	26.68	6.507	-0.004	13.78
10/13/2010 11:00	10749	12.94	69.51	11.2	18.89	8.19	70.53	20.64	15.31	62.9	65.01	60.48	54.61	0	438.6	26.74	6.506	-0.001	12.73
10/13/2010 12:00	10750	11.48	73.69	15.12	20.68	7.414	75.19	23.17	13.52	65.9	68.8	55.66	49.24	0	601.7	26.78	6.498	-0.008	12.66
10/13/2010 13:00	10751	10.45	65.68	16.22	17.1	6.879	67.83	23.52	13.52	67.61	70.31	51.06	45.2	0	582	26.79	6.488	-0.01	12.45
10/13/2010 14:00	10752	8.49	82.8	24.74	17.1	5.914	84.2	33.62	11.74	70.14	73.46	46.39	40.44	0	759.7	26.79	6.482	-0.007	13.58
10/13/2010 15:00	10753	5.929	86	45.78	18.89	4.316	87.3	53.03	13.52	73.02	75.83	40.77	35.76	0	736.6	26.78	6.471	-0.01	12.29
10/13/2010 16:00	10754	6.607	79.3	39.36	15.31	4.776	79.93	48.83	11.74	75.13	77.96	37.77	32.89	0	725.5	26.77	6.459	-0.013	12.62
10/13/2010 17:00	10755	6.451	69.08	23.12	13.52	4.35	70.23	30.1	9.95	73.1	74.88	38.6	34.52	0	312.5	26.75	6.443	-0.015	12.63
10/13/2010 18:00	10756	7.697	86.5	32.41	15.31	5.207	91.2	42.58	13.52	73.64	75.32	38.16	34.23	0	291.7	26.72	6.431	-0.012	13.93
10/13/2010 19:00	10757	6.335	77.8	17.11	11.74	4.098	78.93	23.66	9.95	72.43	73.05	39.27	36.43	0	129.8	26.71	6.419	-0.012	12.86
10/13/2010 20:00	10758	6.646	85.1	6.73	9.95	3.251	91.8	14.68	6.368	67.43	65.89	46.53	46.1	0	6.054	26.69	6.41	-0.008	12.18
10/13/2010 21:00	10759	8.01	77.57	8.12	11.74	4.283	79.54	16.52	8.16	63.51	62.03	52.53	51.81	0	0	26.67	6.399	-0.012	13.32
10/13/2010 22:00	10760	7.424	79.11	8.2	9.95	3.857	80.5	17.59	6.368	60.31	59.14	57.43	56.33	0	0	26.66	6.387	-0.012	12.52
10/13/2010 23:00	10761	8	83.9	5.543	9.95	3.809	88.3	15.7	6.368	58.57	56.85	59.21	59.13	0	0	26.66	6.377	-0.009	12.65
10/14/2010 0:00	10762	7.51	87	5.366	9.95	3.72	87.5	14.37	6.368	57.26	55.52	60.93	60.95	0	0	26.65	6.371	-0.006	12.66
10/14/2010 1:00	10763	7.389	90.8	5.341	11.74	3.919	84.1	14.61	8.16	56.65	54.74	62.09	62.38	0	0	26.64	6.363	-0.009	12.63
10/14/2010 2:00	10764	7.358	85.7	7.171	9.95	3.852	85.2	14.46	6.368	55.68	54.19	64.23	63.74	0	0	26.64	6.359	-0.003	12.84
10/14/2010 3:00	10765	7.897	82	7.636	11.74	4.201	82.8	16.26	8.16	54.09	52.87	67.13	66.01	0	0	26.63	6.356	-0.003	12.98
10/14/2010 4:00	10766	7.29	73.02	7.171	9.95	3.87	67.77	15.25	8.16	52.36	51.26	69.9	68.54	0	0	26.63	6.353	-0.003	12.46
10/14/2010 5:00	10767	6.611	81.2	6.383	9.95	3.169	77.97	14.96	6.368	51.64	50.16	68.78	68.61	0	0	26.62	6.35	-0.003	13.63
10/14/2010 6:00	10768	4.126	73.88	14.81	8.16	1.772	62.35	12.9	6.368	51.08	49.59	68.15	68.08	0	0	26.61	6.347	-0.003	12.64
10/14/2010 7:00	10769	5.004	61.43	7.404	8.16	2.632	62.59	12.13	6.368	50.48	48.59	68.61	69.26	0	0	26.62	6.34	-0.006	12.92
10/14/2010 8:00	10770	5.677	56.41	6.665	8.16	3.108	60.27	11.66	4.578	50.87	48.58	67.36	68.68	0	1.165	26.63	6.34	0	12.57
10/14/2010 9:00	10771	4.929	59.34	8.82	6.368	2.888	61.64	13.7	4.578	51.87	50.87	65.58	64.68	0	75	26.63	6.337	-0.003	12.51
10/14/2010 10:00	10772	7.603	137.4	31.18	13.52	4.969	143.6	37.61	9.95	58.18	59.55	50.3	46.53	0	265.5	26.68	6.336	-0.001	13.23
10/14/2010 11:00	10773	11.17	160.1	12.71	18.89	7.22	166.9	20.12	15.31	63.26	65.46	39.13	34.87	0	461.2	26.74	6.328	-0.008	12.43
10/14/2010 12:00	10774	10.59	174.8	15.5	17.1	7.185	182.9	21.81	13.52	67.04	69.64	39.25	34.37	0	620.4	26.76	6.32	-0.008	12.39
10/14/2010 13:00	10775	10.52	191.6	17.77	17.1	7.574	198.9	21.43	15.31	70.09	72.76	39.96	34.83	0	727.2	26.76	6.314	-0.007	13.1
10/14/2010 14:00	10776	10.36	191.9	20.19	20.68	7.321	198.7	23.65	17.1	72.88	75.7	37.94	32.78	0	772.7	26.75	6.3	-0.013	12.24
10/14/2010 15:00	10777	9.94	197.7	26.1	18.89	7.184	205.9	28.65	13.52	74.98	77.58	35.9	30.94	0	751.8	26.72	6.288	-0.013	12.33
10/14/2010 16:00	10778	8.58	198	24.85	17.1	6.397	205.6	29.48	15.31	77.15	79.28	33.13	28.72	0	669.1	26.69	6.269	-0.019	12.27
10/14/2010 17:00	10779	7.159	206.4	21.91	15.31	5.44	214.5	24.11	13.52	78.3	79.93	31.06	27.07	0	528.7	26.67	6.243	-0.025	12.61
10/14/2010 18:00	10780	6.841	199.3	25.9	15.31	5.001	209.1	27.58	11.74	78.66	80.1	30.2	26.53	0	343.6	26.65	6.227	-0.016	12.66
10/14/2010 19:00	10781	7.215	177.2	16.62	11.74	4.534	183.2	21.46	9.95	77.15	77.77	31.25	28.58	0	138.5	26.63	6.212	-0.015	12.66
10/14/2010 20:00	10782	6.963	153.9	4.69	9.95	2.605	146.9	11.73	4.578	70.84	67.84	38.81	40.21	0	6.066	26.59	6.204	-0.008	12.49
10/14/2010 21:00	10783	6.964	149.4	4.705	9.95	2.453	137.1	10.53	4.578	65.76	61.79	44.65	47.48	0	0	26.55	6.196	-0.008	12.51
10/14/2010 22:00	10784	6.467	144.9	6.07	9.95	2.15	132.6	11.38	4.578	63.06	59.42	47.37	50.05	0	0	26.53	6.19	-0.005	12.48
10/14/2010 23:00	10785	4.56	176.8	26.97	8.16	1.41	194.8	35.95	4.578	60.18	57.6	51.41	52.46	0	0	26.52	6.184	-0.006	12.63

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/15/2010 0:00	10786	4.182	184.8	14.83	8.16	1.209	213	21.22	4.578	57.48	55.44	55.26	55.75	0	0	26.5	6.179	-0.005	12.28
10/15/2010 1:00	10787	3.711	191.7	16.89	9.95	1.586	140.6	28.21	4.578	58	54.57	53.88	56.65	0	0	26.49	6.175	-0.003	12.42
10/15/2010 2:00	10788	2.728	248.2	13.81	4.578	0.338	306.9	5.516	2.789	56.83	52.83	55.5	60.58	0	0	26.47	6.172	-0.003	12.56
10/15/2010 3:00	10789	3.257	205	15.95	4.578	0.233	180.4	20.17	2.789	56.77	53.1	54.57	58.76	0	0	26.46	6.169	-0.003	12.62
10/15/2010 4:00	10790	2.713	217.4	13.42	4.578	0.302	277.4	10.21	2.789	55.63	51.95	56.16	60.44	0	0	26.46	6.166	-0.003	13.11
10/15/2010 5:00	10791	1.545	223.9	11.13	4.578	0	0	0	0	54.48	50.31	58.09	63.9	0	0	26.44	6.166	0	12.44
10/15/2010 6:00	10792	0.793	183.4	17.59	2.789	1.871	90.2	5.027	4.578	53.38	48.98	59.99	65.16	0	0	26.43	6.163	-0.003	12.47
10/15/2010 7:00	10793	1.46	158.7	7.869	2.789	1.68	73.37	8.64	2.789	52.59	50.04	61.82	63.55	0	0	26.43	8.28	2.116	12.59
10/15/2010 8:00	10794	1.745	157.1	9.27	4.578	1.636	84	5.184	4.578	52.32	49.75	62.66	64.34	0	1.151	26.44	2.55	-5.728	12.27
10/15/2010 9:00	10795	1.042	134	11.62	4.578	1.275	77.81	15.25	2.789	55.24	53.67	58.55	58.64	0	78.35	26.46	4.605	2.055	12.32
10/15/2010 10:00	10796	3.692	190.4	23.22	6.368	2.999	203.3	26.1	6.368	63.01	63.62	49.6	46.26	0	274	26.52	4.255	-0.35	12.34
10/15/2010 11:00	10797	7.211	211.3	15.02	11.74	5.348	219.3	18.02	9.95	72.01	73.14	36.91	33.59	0	472.4	26.59	9.43	5.178	12.52
10/15/2010 12:00	10798	10.12	200.7	14.67	17.1	7.334	208.4	18.53	13.52	76.55	78.33	27.73	24.24	0	633.6	26.62	9.43	0.001	12.46
10/15/2010 13:00	10799	10.41	179.1	19.83	20.68	7.182	186.1	24.09	15.31	78.84	81.3	22.11	18.43	0	739.1	26.62	9.43	0	12.28
10/15/2010 14:00	10800	9.01	178.2	24.31	17.1	6.473	186.7	30.26	13.52	80.3	82.8	21.25	17.43	0	785.9	26.61	9.43	0	13.16
10/15/2010 15:00	10801	6.774	178.3	45.96	17.1	5.05	187	50.97	13.52	81.9	84.1	19.73	16.04	0	765.3	26.59	9.43	0	12.51
10/15/2010 16:00	10802	7.711	192.5	39.26	15.31	5.68	200.8	43.44	11.74	82	83.7	18.96	15.46	0	635.8	26.57	9.43	0	13.95
10/15/2010 17:00	10803	7.338	174.4	22.69	15.31	5.265	182.1	25.24	11.74	80.5	81.8	19.37	16.21	0	373.5	26.54	9.43	0	12.68
10/15/2010 18:00	10804	9.54	166.2	14.72	15.31	6.098	174.2	20.79	11.74	78.94	79.83	19.54	16.71	0	219.4	26.52	9.43	0	12.62
10/15/2010 19:00	10805	7.143	176.6	12.19	13.52	4.086	180.9	16.87	8.16	77.66	77.57	20.14	18.18	0	121.1	26.5	9.43	-0.002	12.68
10/15/2010 20:00	10806	5.824	170.9	14.27	9.95	2.016	143.1	18.42	4.578	72.19	67.85	24.59	26.62	0	3.299	26.48	9.43	0.001	12.26
10/15/2010 21:00	10807	6.731	138.4	9.05	8.16	2.564	109.3	15.78	4.578	67.3	62.59	30.52	33.4	0	0.001	26.46	9.44	0.002	12.5
10/15/2010 22:00	10808	7.245	131.2	5.189	9.95	2.871	92.7	11.65	4.578	66.66	59.65	29.06	35.34	0	0	26.44	9.43	-0.002	12.4
10/15/2010 23:00	10809	7.281	138.5	5.771	9.95	2.342	127.8	14.42	4.578	62.17	57.45	35.16	38.33	0	0	26.43	9.43	0	12.26
10/16/2010 0:00	10810	6.509	145.3	5.171	9.95	1.476	138	10.05	4.578	60.27	55.73	38.15	41.19	0	0	26.42	9.44	0.001	12.48
10/16/2010 1:00	10811	7.781	153.7	6.458	17.1	3.251	153.7	13.83	6.368	59.61	56.68	40.24	41.22	0	0	26.41	9.43	-0.003	12.45
10/16/2010 2:00	10812	4.342	163	11.95	9.95	0.844	164.9	16.92	6.368	56.49	53.66	45.29	46.09	0	0	26.4	9.43	0	12.19
10/16/2010 3:00	10813	3.2	180	11.63	6.368	0.425	199.1	10.46	6.368	55.3	52.77	48.63	49.41	0	0	26.39	9.43	-0.003	12.49
10/16/2010 4:00	10814	3.155	170.1	13.86	6.368	0.328	169.1	8.79	2.789	55	52.12	51.17	52.12	0	0	26.37	9.43	-0.003	14.47
10/16/2010 5:00	10815	3.333	157.1	13.07	8.16	0.53	150.2	10.21	2.789	55.33	52.37	53.96	55.14	0	0	26.36	9.43	0	12.6
10/16/2010 6:00	10816	1.838	138.1	11.96	4.578	0.81	67.48	4.314	2.789	55.36	53.29	55.96	56.13	0	0	26.36	9.42	-0.003	12.49
10/16/2010 7:00	10817	2.233	157.9	13.25	4.578	0.562	82.2	5.88	2.789	55.7	53.23	56.59	57.57	0	0	26.37	9.42	-0.003	12.1
10/16/2010 8:00	10818	1.676	175.5	8.82	4.578	0.03	79.73	0.398	2.789	54.91	51.85	58.26	60.54	0	0.855	26.37	9.42	-0.003	12.42
10/16/2010 9:00	10819	2.62	219.3	27.92	8.16	0.526	248.9	10.14	4.578	55.82	53.79	57.72	58.3	0	65.68	26.38	9.42	0	12.45
10/16/2010 10:00	10820	3.609	201.9	33.95	9.95	2.54	209.9	40.5	8.16	59.41	59.59	52.91	50.81	0	189.4	26.43	9.42	-0.002	12.52
10/16/2010 11:00	10821	7.098	175.1	17.83	11.74	5.093	184.2	23.49	9.95	67.2	68.84	42.76	38.68	0	455	26.49	9.41	-0.006	12.58
10/16/2010 12:00	10822	8.95	156.3	14.35	15.31	6.121	163.9	21.72	11.74	73.89	76.33	34.4	30.16	0	614.2	26.54	9.41	-0.002	12.6
10/16/2010 13:00	10823	9.08	159.9	19.22	17.1	6.325	168.1	25.15	13.52	78.72	81.6	27.87	23.72	0	716.9	26.56	9.4	-0.004	12.8
10/16/2010 14:00	10824	9.78	171.6	20.8	17.1	6.862	179.1	25.99	11.74	80.9	83.7	24.51	20.43	0	727.7	26.56	9.39	-0.01	12.81
10/16/2010 15:00	10825	10.42	176.5	16.17	17.1	7.019	184.1	22.07	13.52	80.1	81.9	25.43	21.84	0	440.6	26.53	9.37	-0.019	12.58
10/16/2010 16:00	10826	9.42	184.3	18.25	17.1	6.48	193	22.42	13.52	81.9	84.1	22.98	19.21	0	561.3	26.5	9.36	-0.016	12.72
10/16/2010 17:00	10827	9.38	181.3	21.35	15.31	6.496	188.8	26.2	13.52	82.7	84.6	22.68	18.97	0	524.9	26.5	9.34	-0.016	12.75
10/16/2010 18:00	10828	7.886	178.9	19.06	17.1	5.439	186.8	24.59	13.52	82.5	84.1	22.4	18.99	0	332.8	26.5	9.32	-0.019	12.89
10/16/2010 19:00	10829	7.833	155.7	11.55	13.52	4.657	161.2	17.85	9.95	80.4	80.7	24.06	21.73	0	130.4	26.49	9.3	-0.029	12.74
10/16/2010 20:00	10830	7.546	137.8	9.66	9.95	3.179	133.5	17.15	6.368	73.28	70.42	32.44	32.96	0	5.164	26.47	9.26	-0.036	12.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/16/2010 21:00	10831	8.3	131.3	7.167	11.74	3.761	129.9	16.22	8.16	68.5	65.79	36.86	37.2	0	0.003	26.44	9.25	-0.007	12.53
10/16/2010 22:00	10832	8.34	132.6	7.772	13.52	3.983	131.8	17.04	8.16	65.7	63.6	40.18	39.87	0	0.001	26.43	9.24	-0.016	12.62
10/16/2010 23:00	10833	7.678	138.6	7.699	9.95	3.174	135.1	16.4	6.368	62.89	59.98	43.8	44.9	0	0	26.42	9.22	-0.012	12.59
10/17/2010 0:00	10834	6.638	148.1	6.713	9.95	2.368	146.9	13.7	4.578	61.31	58.67	46.05	46.78	0	0	26.42	9.22	-0.005	12.43
10/17/2010 1:00	10835	4.621	158.7	10.45	8.16	0.538	152.2	10.38	2.789	58.82	56.04	50.31	51.44	0	0	26.4	9.22	-0.003	12.35
10/17/2010 2:00	10836	6.408	167.6	7.433	9.95	2.204	179.3	13.73	6.368	58.2	55.43	51.48	52.73	0	0	26.38	9.21	-0.005	13.54
10/17/2010 3:00	10837	5.243	170.4	8.35	9.95	1.452	183.7	12.9	6.368	57.08	55.12	53.11	53.19	0	0	26.38	9.21	-0.003	12.64
10/17/2010 4:00	10838	4.332	174.8	9.1	6.368	0.636	190.4	10.18	4.578	55.86	53.45	54.78	55.67	0	0	26.37	9.2	-0.003	12.11
10/17/2010 5:00	10839	3.74	168.1	11.37	6.368	0.215	174.7	5.907	2.789	55.7	53.22	54.9	55.96	0	0	26.35	9.2	-0.003	12.62
10/17/2010 6:00	10840	3.761	185.2	18.84	6.368	0.796	194.9	12.75	4.578	55.92	53.38	54.34	55.64	0	0	26.35	9.2	-0.003	12.28
10/17/2010 7:00	10841	1.891	111	30.82	6.368	1.536	54.33	21.24	4.578	55.48	53.62	55.49	55.82	0	0	26.36	9.2	-0.003	12.93
10/17/2010 8:00	10842	5.532	61.83	15.93	8.16	3.261	57.44	9.47	4.578	55.62	52.65	56.08	58.19	0	0.625	26.36	9.19	-0.003	12.34
10/17/2010 9:00	10843	5.064	39.37	8.23	8.16	2.637	45	11.58	6.368	55.11	54.24	57.17	55.6	0	67.06	26.38	9.19	-0.003	12.17
10/17/2010 10:00	10844	4.015	73.97	30.58	6.368	2.611	73.82	31.36	4.578	60.69	61.39	51.08	47.83	0	190.3	26.42	9.18	-0.009	12.46
10/17/2010 11:00	10845	5.811	177.7	26.83	9.95	4.293	189.6	31.21	8.16	67.56	69.14	43.22	38.98	0	449.1	26.48	9.18	-0.003	12.74
10/17/2010 12:00	10846	5.576	203.6	23.74	9.95	4.379	213.5	27.93	9.95	72.08	73.43	38.55	34.44	0	604.7	26.52	9.18	-0.002	12.63
10/17/2010 13:00	10847	5.711	223.8	27.01	11.74	4.612	233.5	30.66	9.95	76.78	78.03	34.72	30.76	0	707	26.53	9.17	-0.004	12.51
10/17/2010 14:00	10848	6.008	215.1	30.21	13.52	4.756	225.2	35.32	11.74	80.9	82.4	29.49	25.6	0	751.5	26.52	9.17	-0.006	12.47
10/17/2010 15:00	10849	6.999	210.4	29.65	15.31	5.441	217.3	35.1	13.52	83.9	85.8	24.82	20.97	0	730.9	26.49	9.15	-0.013	12.6
10/17/2010 16:00	10850	6.888	220	30.3	13.52	5.276	224.1	31.62	11.74	84.2	85.5	23.64	20.24	0	489.5	26.46	9.14	-0.013	12.73
10/17/2010 17:00	10851	7.569	197.6	22.18	15.31	5.497	204.5	25.07	11.74	85.1	86.9	22.08	18.5	0	475.2	26.44	9.12	-0.019	12.71
10/17/2010 18:00	10852	7.009	209.6	36.26	11.74	5.061	216.7	37.2	11.74	84.3	85.1	22.18	19.1	0	243.5	26.42	9.1	-0.019	12.68
10/17/2010 19:00	10853	6.245	142.9	20.09	11.74	3.602	147.4	25.61	8.16	82.2	82.3	24.35	22.32	0	118.6	26.4	9.09	-0.013	14.39
10/17/2010 20:00	10854	7.907	130.4	8.6	11.74	3.33	129.6	16.88	6.368	76.51	73.15	30.27	31.36	0	4.017	26.38	9.06	-0.027	12.51
10/17/2010 21:00	10855	7.056	134.9	9.3	11.74	2.716	122	15.3	6.368	72.6	68.13	34.85	37.1	0	0.002	26.36	9.05	-0.011	12.62
10/17/2010 22:00	10856	8.16	151.2	7.489	13.52	3.999	153	16.07	9.95	67.59	65.62	42.34	41.73	0	0.001	26.34	9.04	-0.012	12.29
10/17/2010 23:00	10857	4.956	173	31.82	8.16	1.549	185.1	47.4	4.578	62.58	60.38	50.59	50.27	0	0	26.34	9.03	-0.012	12.1
10/18/2010 0:00	10858	4.804	151.7	22.9	8.16	1.392	94.8	27.03	4.578	62.18	59.11	55.82	56.28	0	0	26.33	9.02	-0.005	13.51
10/18/2010 1:00	10859	4.947	160.3	12.75	6.368	1.318	133.2	17.38	2.789	60.59	58.01	60.99	61.48	0	0	26.32	9.02	-0.003	12.27
10/18/2010 2:00	10860	3.667	152.4	9.97	6.368	0.832	124.2	13.38	4.578	59.05	56.74	65.16	65.57	0	0	26.3	9.01	-0.005	12.38
10/18/2010 3:00	10861	3.899	154.9	16.25	6.368	1.074	102	19.94	4.578	58.11	55.65	67.99	68.66	0	0	26.28	9.01	-0.006	12.19
10/18/2010 4:00	10862	3.469	157.5	19.74	6.368	0.929	122	18.35	4.578	57.56	55.28	70.17	70.45	0	0	26.27	9	-0.006	12.17
10/18/2010 5:00	10863	3.172	170.3	14.15	6.368	0.325	134.4	6.712	2.789	57.55	55.13	71.2	72.11	0	0	26.25	9	-0.003	12.12
10/18/2010 6:00	10864	2.872	155.2	21.81	6.368	0.512	139.9	19.24	4.578	58	56.41	71.29	70.73	0	0	26.25	8.99	-0.006	12.2
10/18/2010 7:00	10865	3.467	221.6	32.43	6.368	0.112	292.7	1.481	2.789	57.62	55.23	72.53	72.75	0	0	26.26	8.99	0	12.41
10/18/2010 8:00	10866	5.918	291.6	12.66	8.16	2.751	307.7	10.86	4.578	56.5	52.77	74.33	76.54	0	0.818	26.26	8.99	-0.003	12.27
10/18/2010 9:00	10867	5.671	301	8.55	8.16	3.178	303.9	17.53	6.368	55.77	54.33	75.5	74.18	0	32.04	26.27	8.99	-0.003	12.19
10/18/2010 10:00	10868	3.472	258.7	26.39	6.368	1.496	263.5	30.65	4.578	59.94	60.52	69.77	65.3	0	148.7	26.3	8.98	-0.005	12.29
10/18/2010 11:00	10869	4.939	211.4	14.57	9.95	3.667	215.4	17.63	8.16	64.08	64.99	63.02	58.54	0	310.1	26.34	8.98	-0.004	12.42
10/18/2010 12:00	10870	5.502	204	25.97	11.74	4.102	209.8	26.33	8.16	69.93	71.32	53.45	48.81	0	486.8	26.37	8.97	-0.003	12.37
10/18/2010 13:00	10871	4.975	216.6	32.12	9.95	3.623	221.6	37.04	9.95	76.01	77.62	43.06	38.55	0	577.8	26.4	8.97	-0.001	13.89
10/18/2010 14:00	10872	4.938	246.2	51.22	9.95	3.658	251.3	57.03	8.16	81.8	83.6	34.84	30.42	0	759	26.41	8.97	-0.001	12.32
10/18/2010 15:00	10873	5.255	215.6	73.33	11.74	3.883	223	77.97	9.95	85.2	87	26.5	22.76	0	600.3	26.4	8.96	-0.01	12.14
10/18/2010 16:00	10874	5.258	7.256	52.75	9.95	4.079	7.744	45.38	9.95	84.9	85.7	22.09	19.17	0	328.2	26.36	8.95	-0.01	12.17
10/18/2010 17:00	10875	8.93	107.2	52.57	17.1	5.794	111.1	57.04	15.31	83.3	84.5	24.32	21.31	0	281	26.34	8.93	-0.022	12.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/18/2010 18:00	10876	11.14	170.9	12.16	22.47	6.875	177.3	20.06	17.1	82.7	83.6	24.17	21.25	0	234.9	26.32	8.91	-0.019	12.42
10/18/2010 19:00	10877	6.611	162.3	9.07	13.52	3.314	164	16.44	9.95	79.05	77.63	29.19	28.47	0	47.79	26.31	8.9	-0.014	12.38
10/18/2010 20:00	10878	1.167	180.8	18.37	4.578	1.168	75.48	34	4.578	73.51	71.01	34.68	35.64	0	2.237	26.3	8.89	-0.008	12.2
10/18/2010 21:00	10879	2.486	99.3	18.93	4.578	2.313	67.11	14.71	4.578	72.13	67.71	35.08	38.52	0	0.001	26.28	8.88	-0.011	12.78
10/18/2010 22:00	10880	7.666	52.48	31.03	17.1	4.581	55.08	28.01	13.52	68.42	65.86	41.65	42.59	0	0.001	26.28	8.87	-0.009	14.21
10/18/2010 23:00	10881	10.94	50.4	12.89	17.1	6.115	54.06	18.99	11.74	62.41	61.92	60.85	58.27	0	0	26.29	8.86	-0.012	12.3
10/19/2010 0:00	10882	12.08	41.11	9.49	18.89	6.285	43.07	14.22	13.52	59.67	59.38	64.84	61.94	0	0	26.29	8.84	-0.015	12.39
10/19/2010 1:00	10883	12.74	39.62	9.25	24.26	6.809	42.32	14.41	15.31	58.03	57.83	68.89	65.6	0	0	26.28	8.83	-0.012	12.2
10/19/2010 2:00	10884	12.27	39.39	8.65	18.89	6.404	42.16	13.19	13.52	57.44	57.25	74.31	70.76	0	0	26.27	8.82	-0.01	12.18
10/19/2010 3:00	10885	10.92	34.15	9.94	17.1	5.833	39.58	12.21	11.74	56.05	55.93	76.48	72.75	0	0	26.27	8.81	-0.006	12.11
10/19/2010 4:00	10886	11.45	23.25	9.06	18.89	6.913	28.52	11.78	15.31	54.51	54.46	79.03	74.94	0	0	26.27	8.81	-0.002	12.17
10/19/2010 5:00	10887	11.1	26.2	9.55	17.1	6.029	32.68	12.04	13.52	53.73	53.64	79.52	75.53	0	0	26.27	8.8	-0.009	13.29
10/19/2010 6:00	10888	13.93	18.77	8.15	20.68	9.88	23.02	10.53	17.1	52.33	52.38	77.34	73.27	0	0	26.27	8.8	-0.003	12.51
10/19/2010 7:00	10889	14.87	19.5	8.76	22.47	10.35	22.58	11.12	18.89	51.32	51.4	76.89	72.68	0	0	26.29	8.79	-0.006	12.3
10/19/2010 8:00	10890	13.9	23.36	9.18	20.68	8.18	28.99	12.14	17.1	50.56	50.65	76.07	71.99	0	0.597	26.29	8.79	-0.006	12.15
10/19/2010 9:00	10891	13.92	22.66	9.34	22.47	8.49	27.76	12.52	18.89	50.09	50.23	73.18	69.09	0	49.74	26.31	8.78	-0.003	12.53
10/19/2010 10:00	10892	14.96	24.26	9.6	22.47	9.35	28.88	12.84	18.89	54.95	55.57	65.45	61	0	284.2	26.34	8.78	-0.004	12.28
10/19/2010 11:00	10893	11.3	24.41	15.37	18.89	7.238	26.96	18.9	18.89	60.24	61.34	60.02	55.27	0	422.2	26.41	8.77	-0.008	12.21
10/19/2010 12:00	10894	6.127	33.21	25.26	11.74	4.405	32.75	27.87	9.95	64.68	66.35	55.8	50.56	0	540.4	26.45	8.77	-0.002	12.39
10/19/2010 13:00	10895	6.27	22.06	26.02	11.74	4.516	24.53	29.65	11.74	69.73	71.54	52.18	46.93	0	712.3	26.48	8.76	-0.011	12.19
10/19/2010 14:00	10896	6.971	36.62	33.4	13.52	4.946	37.96	35.53	13.52	73.5	75.89	48.66	43.12	0	744.5	26.48	8.75	-0.004	12.49
10/19/2010 15:00	10897	6.836	48.83	27.4	13.52	4.67	48.57	32.84	9.95	75.56	78.1	44.98	39.66	0	684.9	26.47	8.75	-0.006	12.79
10/19/2010 16:00	10898	8.39	60.26	39.24	17.1	5.706	60.15	43.66	11.74	76.98	79.53	42.66	37.46	0	629.4	26.45	8.73	-0.013	12.25
10/19/2010 17:00	10899	7.425	80.2	33.6	15.31	5.154	81.3	41.54	13.52	77.87	80.2	40.38	35.67	0	489.4	26.44	8.72	-0.013	13.33
10/19/2010 18:00	10900	6.905	85.7	23.82	15.31	4.691	85.9	33.08	11.74	77.73	79.86	40.51	36.06	0	307.7	26.43	8.71	-0.016	12.4
10/19/2010 19:00	10901	7.395	77.31	14.07	11.74	4.651	78.57	22.26	9.95	75.61	76.23	44.53	41.45	0	109.7	26.42	8.69	-0.018	12.92
10/19/2010 20:00	10902	7.093	65.08	7.867	9.95	3.765	62.92	14.87	6.368	69.82	68.74	54.62	53.24	0	2.812	26.41	8.68	-0.011	12.67
10/19/2010 21:00	10903	7.558	60.92	6.294	9.95	4.236	61.55	14.58	8.16	65.47	64.35	62.1	60.62	0	0.001	26.39	8.67	-0.008	12.5
10/19/2010 22:00	10904	8.83	62.54	8.58	15.31	4.934	61.01	15.88	9.95	63.04	62.17	67.84	65.78	0	0	26.38	8.66	-0.009	12.41
10/19/2010 23:00	10905	9.95	79.97	8.7	15.31	5.634	81.9	19.15	9.95	62.55	61.9	71.94	69.46	0	0	26.38	8.65	-0.009	12.55
10/20/2010 0:00	10906	9.23	82.5	9.05	13.52	5.13	84.3	19.07	9.95	60.88	60.19	75.75	73.18	0	0	26.38	8.64	-0.005	12.35
10/20/2010 1:00	10907	9.14	78.86	8.77	18.89	5.128	79.98	18.21	9.95	59.47	58.82	78.91	76.12	0	0	26.38	8.64	-0.006	12.59
10/20/2010 2:00	10908	9.71	70.14	9.41	13.52	5.545	69.72	18.4	9.95	57.48	57.01	82.3	78.94	0	0	26.37	8.63	-0.012	12.38
10/20/2010 3:00	10909	9.41	76.09	11.18	15.31	5.281	76.85	19.83	9.95	57.25	56.7	82.6	79.4	0	0	26.37	8.62	-0.003	14.11
10/20/2010 4:00	10910	7.863	58.33	7.831	11.74	4.364	60.43	15.78	8.16	55.07	54.72	85	81.2	0	0	26.37	8.62	-0.003	12.26
10/20/2010 5:00	10911	8.43	54.48	7.772	11.74	4.863	57.6	15.36	8.16	54.28	53.88	86	82.2	0	0	26.35	8.62	-0.002	12.26
10/20/2010 6:00	10912	8.86	48.98	8.71	13.52	4.796	52.99	16.32	9.95	54.11	53.82	86.4	82.5	0	0	26.36	8.61	-0.003	12.21
10/20/2010 7:00	10913	9.49	54.99	8.22	13.52	5.553	59.03	16.01	11.74	53.74	53.4	84.6	81.1	0	0	26.36	8.61	-0.003	14.67
10/20/2010 8:00	10914	9.12	51.78	8.53	13.52	5.426	57.66	15.9	11.74	53.6	53.28	84	80.3	0	0.678	26.37	8.61	-0.003	12.58
10/20/2010 9:00	10915	9.03	50.89	9.82	15.31	5.137	54.21	17.57	9.95	54.09	54.14	82.5	78.2	0	66.23	26.38	8.61	0	12.72
10/20/2010 10:00	10916	11.05	76.65	13.54	17.1	6.855	76.98	22.55	13.52	58.91	60.15	76.46	70.58	0	227.3	26.43	8.6	-0.006	12.39
10/20/2010 11:00	10917	9.94	101.2	14.88	18.89	6.555	104.1	25.93	13.52	64.84	66.97	69.64	63.34	0	395.6	26.48	8.59	-0.011	12.4
10/20/2010 12:00	10918	9.89	116	15.02	15.31	6.574	119.5	26.01	13.52	70.49	73.65	63.33	56.39	0	562.8	26.53	8.59	0.001	12.28
10/20/2010 13:00	10919	8.97	138.6	21.03	17.1	6.111	146.2	28.59	13.52	73.17	75.93	60.22	53.92	0	537.6	26.54	8.59	-0.004	13.76
10/20/2010 14:00	10920	7.763	123.4	27.14	17.1	5.418	130.3	34.86	13.52	74.46	76.99	57.49	51.8	0	404.3	26.53	8.58	-0.013	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/20/2010 15:00	10921	10.95	134.4	19.91	22.47	7.013	140.5	27.17	17.1	75.65	77.6	52.9	48.09	0	341.6	26.5	8.57	-0.006	12.22
10/20/2010 16:00	10922	11.39	138.7	15.67	20.68	7.144	145.1	23.01	15.31	76.14	77.79	50.2	45.88	0	312.7	26.47	8.56	-0.009	13.49
10/20/2010 17:00	10923	14.79	142.4	14.8	24.26	9.36	151	21.92	18.89	77.83	80.3	46.88	41.73	0	499.4	26.45	8.54	-0.017	12.54
10/20/2010 18:00	10924	14.5	141.1	13.23	22.47	8.84	148.6	20.92	17.1	77.18	78.91	44.69	40.51	0	290.9	26.45	8.53	-0.016	12.87
10/20/2010 19:00	10925	12.3	133	13.17	18.89	7.307	141.1	21.45	15.31	75.85	76.22	48.51	45.58	0	100.6	26.44	8.51	-0.021	13.01
10/20/2010 20:00	10926	7.629	106.9	13.99	15.31	4.102	109.6	23.33	9.95	71.76	70.71	55.57	54.21	0	1.9	26.41	8.49	-0.015	12.33
10/20/2010 21:00	10927	8.59	83.2	6.924	17.1	4.361	84.4	17.31	9.95	67.85	66.52	63.14	62.11	0	0.003	26.39	8.48	-0.008	12.4
10/20/2010 22:00	10928	10.57	82.2	7.998	15.31	5.922	84.2	19.48	11.74	66.39	65.76	69.59	67.22	0	0.002	26.39	8.48	-0.006	12.43
10/20/2010 23:00	10929	11.07	85.6	9.55	18.89	6.369	87.8	20.63	11.74	65.94	65.54	73.17	70.4	0	0.002	26.39	8.47	-0.006	12.47
10/21/2010 0:00	10930	9.87	92.7	9.22	17.1	6.065	94.9	20.75	11.74	64.94	64.55	75.29	72.43	0	0.001	26.39	8.47	-0.006	12.91
10/21/2010 1:00	10931	7.856	105.9	11.4	13.52	4.691	109.5	23.44	9.95	64.11	63.71	76.78	73.91	0	0.001	26.38	8.46	-0.003	12.63
10/21/2010 2:00	10932	6.893	106.7	9.27	9.95	3.883	111.1	21.83	8.16	63.22	62.65	77.43	74.9	0	0.001	26.36	8.46	-0.003	12.75
10/21/2010 3:00	10933	4.636	51.62	51.38	11.74	2.656	41.93	49.27	9.95	62.35	62.07	78.94	75.79	0	0	26.36	8.46	-0.003	12.61
10/21/2010 4:00	10934	8.85	6.398	28.18	15.31	6.171	11.15	27.97	11.74	62.82	63.01	78.35	74.26	0	0.001	26.36	8.46	0	12.68
10/21/2010 5:00	10935	9.23	59.94	11.8	15.31	5.375	62.26	19.16	11.74	62.77	62.81	78.54	74.77	0	0.001	26.33	8.45	-0.003	12.8
10/21/2010 6:00	10936	11.54	79.56	8.3	17.1	6.464	79.97	20	11.74	62.68	62.57	77.38	73.95	0	0.001	26.31	8.45	-0.003	12.42
10/21/2010 7:00	10937	11.07	92	10.47	20.68	6.642	94	22.51	17.1	61.76	61.66	79.24	75.64	0	0.001	26.3	8.44	-0.006	12.89
10/21/2010 8:00	10938	11.82	101	9.97	22.47	7.09	105.3	22.75	13.52	62.01	62.11	80.2	76.06	0	0.163	26.3	8.44	0	12.17
10/21/2010 9:00	10939	10.11	124.6	13.48	17.1	6.144	131.4	22.3	13.52	62.62	62.82	80.4	76.18	0	11.69	26.31	8.44	-0.003	12.27
10/21/2010 10:00	10940	10.45	145.1	11.62	15.31	6.465	152.4	18.61	13.52	63.21	63.71	80.4	75.58	0	59.32	26.33	8.44	-0.003	12.13
10/21/2010 11:00	10941	12.53	147.9	11.65	20.68	7.781	154.7	18.76	15.31	65.29	66.64	77.5	71.59	0	245.3	26.34	8.43	-0.01	12.39
10/21/2010 12:00	10942	12.15	159.9	16.32	20.68	7.744	167.6	22.93	15.31	68.89	70.86	70.37	64.12	0	359.7	26.36	8.42	-0.008	12.41
10/21/2010 13:00	10943	9.18	181.1	18.94	17.1	6.243	188.8	22.79	11.74	70.67	72.02	66.18	61.09	0	221.2	26.37	8.41	-0.007	12.15
10/21/2010 14:00	10944	7.552	204.1	28.54	15.31	5.594	211.2	32.15	11.74	73.57	75.15	60.02	54.89	0	369.1	26.35	8.41	-0.007	12.24
10/21/2010 15:00	10945	6.843	237.5	43.64	18.89	5.501	245.2	40.97	15.31	75.65	76.95	56.15	51.41	0	481.7	26.34	8.4	-0.011	12.38
10/21/2010 16:00	10946	9.37	308.3	26.7	17.1	7.774	314.3	29	15.31	74.9	76.01	56.97	52.26	0	467.7	26.32	8.39	-0.01	12.31
10/21/2010 17:00	10947	6.435	315.6	23.69	13.52	5.327	320.8	25.22	11.74	75.52	76.21	54.09	51.68	0.03	298.2	26.3	8.38	-0.003	12.15
10/21/2010 18:00	10948	5.314	227.9	37.55	13.52	3.903	233.6	36.96	11.74	74.94	74.36	54.07	57.29	0.02	263.2	26.26	8.38	0.001	12.41
10/21/2010 19:00	10949	6.471	227.7	16.39	9.95	4.385	230.4	19.01	9.95	75.38	75.13	45.9	46.07	0	112.3	26.26	8.38	0	14.94
10/21/2010 20:00	10950	7.576	122.8	11.65	17.1	4.174	124.6	19.89	13.52	67.03	66.01	66.06	65.48	0	2.871	26.28	8.38	-0.002	14.46
10/21/2010 21:00	10951	5.312	128.6	16.73	9.95	2.16	115.6	25.63	6.368	63.37	61.5	77.17	77.08	0	0	26.26	8.38	0.001	12.27
10/21/2010 22:00	10952	2.872	107.8	21.43	6.368	1.17	70.28	13.81	4.578	61.35	60.02	85	83.2	0	0	26.24	8.38	-0.002	12.28
10/21/2010 23:00	10953	5.751	123.3	8.37	9.95	2.312	115	15.43	6.368	60.43	58.92	89.4	86.9	0	0	26.22	8.38	-0.003	12.29
10/22/2010 0:00	10954	5.219	90.8	26.9	8.16	2.639	78.36	25.06	6.368	59.77	58.59	89	87.6	0	0.001	26.23	8.38	-0.003	12.22
10/22/2010 1:00	10955	2.868	175.6	56.51	6.368	0.477	87.2	6.205	4.578	59.06	57.71	89.2	87.2	0	0.001	26.22	8.37	-0.003	12.2
10/22/2010 2:00	10956	4.739	290.5	13.06	8.16	2.145	311.2	5.834	4.578	59.37	57.76	90.2	88.2	0	0.001	26.21	8.37	-0.003	12.35
10/22/2010 3:00	10957	3.007	281.6	10.96	4.578	0.674	301.9	9.34	4.578	59.82	57.88	90.4	88.6	0	0	26.21	8.37	0	12.49
10/22/2010 4:00	10958	4.531	310.2	20.83	15.31	2.726	308.4	14.68	13.52	60.3	59.41	89.5	88.9	0	0.001	26.21	8.37	-0.003	12.33
10/22/2010 5:00	10959	5.01	307.2	15.6	9.95	3.598	312.4	21.16	8.16	58.66	58.59	89.2	85.6	0.01	0.001	26.21	8.37	0	14.52
10/22/2010 6:00	10960	6.405	330.3	12.59	9.95	3.921	335.7	14.4	8.16	58.09	57.11	83.9	83.2	0	0	26.21	8.37	0	12.18
10/22/2010 7:00	10961	6.445	358.7	12.14	9.95	3.847	1.039	15.95	6.368	56.26	55.04	70.16	71.94	0	0	26.2	8.36	-0.002	12.5
10/22/2010 8:00	10962	1.926	343.5	62.48	6.368	1.104	90.2	50.64	4.578	52.44	50.27	77.53	79.63	0	0.481	26.21	8.36	-0.003	12.38
10/22/2010 9:00	10963	3.019	335.3	73.62	8.16	1.695	16.03	70.45	4.578	52.3	50.38	78.47	80.5	0	81.9	26.21	8.36	-0.003	12.28
10/22/2010 10:00	10964	3.553	220.6	63.95	9.95	2.863	241.4	55.87	8.16	60.51	60.86	60.12	58.32	0	272	26.25	8.34	-0.015	12.76
10/22/2010 11:00	10965	11.9	260	14.7	26.05	9.39	262.9	17	20.68	65.95	66.65	39.28	37.36	0	446.7	26.32	8.33	-0.008	13.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/22/2010 12:00	10966	15.89	252.5	13.09	27.84	12.5	256.7	14.23	24.26	67.92	68.75	32.54	30.09	0	504.2	26.35	8.32	-0.017	14.61
10/22/2010 13:00	10967	14.93	252.8	13.43	24.26	11.76	256.2	14.98	20.68	68.56	69.75	31.31	28.35	0	705.8	26.35	8.3	-0.022	14.02
10/22/2010 14:00	10968	13.82	247.7	16.34	29.63	10.8	251.1	17.73	24.26	69.49	70.87	30.76	27.5	0	627.7	26.34	8.28	-0.019	12.94
10/22/2010 15:00	10969	13.7	246.2	13.62	22.47	10.62	250.7	15	20.68	69.13	70.28	29.72	26.61	0	441.6	26.32	8.26	-0.019	12.76
10/22/2010 16:00	10970	12.94	243	14.16	26.05	9.78	247.4	15.28	17.1	68.35	69.08	29.27	26.45	0	261.7	26.29	8.22	-0.037	13.08
10/22/2010 17:00	10971	9.69	235	14.52	17.1	7.257	240.2	16.22	13.52	68.28	68.84	29.86	27.21	0	194.7	26.27	8.2	-0.016	12.98
10/22/2010 18:00	10972	11.34	225.6	11.82	22.47	7.971	231	14.28	17.1	68.75	69	29.75	27.33	0	119.4	26.26	8.19	-0.016	14.93
10/22/2010 19:00	10973	13.92	225.6	9.52	22.47	9.34	231.2	12.57	18.89	68.06	67.94	31.22	28.93	0	48.22	26.25	8.17	-0.015	13.19
10/22/2010 20:00	10974	10	238.9	9.74	17.1	7.115	243.3	10.79	13.52	65.86	65.52	35.73	33.61	0	1.696	26.26	8.16	-0.012	12.37
10/22/2010 21:00	10975	7.574	234.8	9.17	13.52	5.194	239.3	11.57	9.95	64.2	63.73	37.27	35.41	0	0.002	26.26	8.15	-0.01	12.1
10/22/2010 22:00	10976	8.61	242.2	8.81	13.52	6.128	245.7	9.99	11.74	62.21	61.77	41.09	39.05	0	0	26.26	8.14	-0.01	12.83
10/22/2010 23:00	10977	10.16	233.6	9.05	17.1	6.939	237.6	10.63	13.52	60.74	60.23	44.49	42.47	0	0.001	26.26	8.14	-0.006	13.47
10/23/2010 0:00	10978	8.45	235	9.53	15.31	5.561	240.9	11.26	11.74	59.36	58.79	46.99	45.12	0	0	26.27	8.13	-0.005	12.22
10/23/2010 1:00	10979	7.225	228.9	10.88	15.31	3.834	233.2	16.06	8.16	56.58	55.13	51.17	50.88	0	0	26.25	8.12	-0.006	14.83
10/23/2010 2:00	10980	4.311	188.3	40.9	9.95	2.04	154.2	57.23	4.578	53.18	50.73	55.81	57.18	0	0	26.23	8.12	-0.005	12.11
10/23/2010 3:00	10981	5.066	215	30.19	9.95	2.233	236.7	44.63	6.368	51.86	49.31	57.32	58.97	0	0	26.23	8.11	-0.006	12.86
10/23/2010 4:00	10982	5.509	232.9	45.16	9.95	2.684	257	64.11	6.368	51.75	49.36	57.76	59.82	0	0	26.22	8.11	0	12.12
10/23/2010 5:00	10983	4.734	231.1	21.63	8.16	2.008	250.2	39.35	4.578	51.95	49.35	56.99	59.26	0	0	26.21	8.11	-0.003	12.35
10/23/2010 6:00	10984	4.065	221.3	15.79	8.16	1.007	231	35.74	4.578	50.87	47.9	58.93	61.88	0	0	26.21	8.11	-0.003	12.98
10/23/2010 7:00	10985	2.748	251.3	35.26	6.368	1.136	344.1	56.06	4.578	50.67	48.05	58.89	61.72	0	0	26.21	8.11	0	12.37
10/23/2010 8:00	10986	2.581	223.6	18.06	6.368	0.959	107.1	20.98	4.578	50.93	47.05	58.43	62.7	0	0.25	26.2	8.11	0.001	12.08
10/23/2010 9:00	10987	4.502	246.7	16.96	8.16	2.234	253.3	33.31	6.368	51	48.95	59.81	60.63	0	58.67	26.18	8.1	-0.007	12.41
10/23/2010 10:00	10988	12.84	255.1	11.69	26.05	9.72	258.2	12.89	22.47	60.78	60.94	46.48	44	0	250.2	26.22	8.09	-0.012	12.45
10/23/2010 11:00	10989	18.74	266.1	11.54	29.63	14.65	269.5	14.06	24.26	66.64	67.38	37.23	34.11	0	441.2	26.29	8.08	-0.008	12.66
10/23/2010 12:00	10990	17.84	264.9	12.09	27.84	14.2	267.8	14.16	26.05	68.36	69.51	33.19	29.71	0	598.2	26.32	8.07	-0.011	12.77
10/23/2010 13:00	10991	19.84	273.3	11.63	33.21	15.66	276.9	14.64	27.84	70.44	71.87	29.63	25.95	0	700	26.32	8.05	-0.022	12.2
10/23/2010 14:00	10992	20.49	263.1	14.37	31.42	16.18	266	16.47	26.05	72.67	74.17	25.98	22.39	0	744	26.32	8.03	-0.022	12.41
10/23/2010 15:00	10993	20.07	263.9	13.66	34.99	15.73	266.9	15.59	27.84	73.9	75.42	22.95	19.41	0	725.8	26.29	7.994	-0.032	12.25
10/23/2010 16:00	10994	20.22	252.7	13.29	36.78	15.58	256.5	14.02	29.63	74.56	75.84	21.5	18.11	0	642.2	26.29	7.975	-0.019	13.07
10/23/2010 17:00	10995	18.99	254.8	14.73	29.63	14.81	258.5	15.86	26.05	75.34	76.35	19.99	16.77	0	498.5	26.28	7.94	-0.035	12.38
10/23/2010 18:00	10996	17.77	251.3	13.01	31.42	13.5	254.5	14.45	22.47	74.81	75.53	20.72	17.63	0	314.8	26.28	7.912	-0.029	14.79
10/23/2010 19:00	10997	15.76	246	9.28	26.05	11.86	249.8	10.72	20.68	72.81	72.85	22.58	19.9	0	107.5	26.28	7.88	-0.032	12.84
10/23/2010 20:00	10998	10.41	240.8	8.24	17.1	7.303	244.8	9.55	13.52	68.13	67.48	26.82	24.65	0	1.109	26.27	7.869	-0.011	12.2
10/23/2010 21:00	10999	8.69	246.7	9.26	13.52	5.566	250.6	10.31	9.95	63.4	62.31	31.92	30.32	0	0.002	26.27	7.854	-0.015	12.47
10/23/2010 22:00	11000	7.314	243.6	9.22	11.74	4.497	245.5	10.76	9.95	62.19	61.03	35.08	33.65	0	0	26.26	7.848	-0.006	12.5
10/23/2010 23:00	11001	9.08	252.4	9.87	13.52	6.412	254.7	10.75	11.74	61.47	60.73	37.24	35.25	0	0	26.26	7.839	-0.009	12.22
10/24/2010 0:00	11002	6.002	228.6	30.22	13.52	3.565	229.5	32.38	9.95	59.62	58.53	40.18	38.82	0	0	26.27	7.83	-0.009	12.5
10/24/2010 1:00	11003	6.239	251.4	33.5	17.1	3.642	263.5	37.23	11.74	58.53	56.8	41.68	41.29	0	0	26.26	7.82	-0.009	13.98
10/24/2010 2:00	11004	8.35	259.4	11.26	17.1	5.93	259.8	13.16	11.74	60.09	59.4	40.43	38.51	0	0	26.26	7.817	-0.003	12.5
10/24/2010 3:00	11005	7.993	263.4	12.18	15.31	5.232	263.2	16.94	11.74	58.03	56.75	42.97	41.98	0	0	26.26	7.811	-0.006	12.52
10/24/2010 4:00	11006	5.054	268.6	19.96	9.95	1.824	279.9	30.02	4.578	55.74	52.64	46.26	47.99	0	0	26.25	7.802	-0.008	12.65
10/24/2010 5:00	11007	5.917	276.1	25.98	9.95	2.985	275.7	51.94	6.368	53.61	49.61	49.05	52.41	0	0	26.22	7.799	-0.003	12.19
10/24/2010 6:00	11008	6.716	288.2	8.72	9.95	2.948	295.3	21.6	4.578	51.89	48.7	51.93	54.25	0	0	26.22	7.796	-0.003	12.19
10/24/2010 7:00	11009	5.998	288.1	12.48	9.95	2.765	284.3	28.91	6.368	50.76	48.35	53.8	54.89	0	0	26.22	7.79	-0.006	12.22
10/24/2010 8:00	11010	4.708	287.7	12.76	8.16	1.435	303.6	22.29	4.578	49.75	45.75	55.07	58.99	0	0.419	26.23	7.79	0	15.04

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/24/2010 9:00	11011	6.755	284.1	15.75	11.74	3.872	288.3	20.97	9.95	51.77	49.59	53.12	53.67	0	57.71	26.23	7.784	-0.006	12.24
10/24/2010 10:00	11012	10.81	278.1	13.73	18.89	8.61	282.7	17.16	17.1	60.21	60.49	42.92	39.82	0	244.7	26.29	7.775	-0.009	12.09
10/24/2010 11:00	11013	13.34	267	11.62	20.68	10.62	270.1	14.14	17.1	65.47	66.36	34.98	31.58	0	437	26.35	7.767	-0.008	13.11
10/24/2010 12:00	11014	14.37	271.9	12.64	22.47	11.63	274.6	15.59	20.68	69.62	70.83	30.5	26.9	0	593	26.38	7.756	-0.011	14.96
10/24/2010 13:00	11015	14.45	266.7	15.67	26.05	11.66	270.8	17.21	22.47	72.15	73.57	27.03	23.36	0	693	26.39	7.74	-0.016	12.89
10/24/2010 14:00	11016	13.63	271.8	17.5	26.05	11.11	275.8	20.62	20.68	73.78	75.23	24.74	21.04	0	739.6	26.38	7.721	-0.02	13.07
10/24/2010 15:00	11017	15.07	268.8	15.45	27.84	12.07	271.9	18.09	24.26	74.66	76.25	23.72	19.92	0	717.6	26.36	7.695	-0.026	15.1
10/24/2010 16:00	11018	14.64	260.1	18.03	26.05	11.73	263.7	20.45	22.47	76.25	77.63	22.2	18.63	0	639	26.33	7.676	-0.019	12.95
10/24/2010 17:00	11019	16.01	255.1	12.74	27.84	12.66	258	14.04	22.47	77.3	78.32	19.43	16.17	0	494.4	26.3	7.65	-0.025	12.86
10/24/2010 18:00	11020	14.57	257.5	14.26	24.26	11.37	260.8	16.07	20.68	77.1	77.86	20.16	17.01	0	310.9	26.29	7.62	-0.031	12.11
10/24/2010 19:00	11021	10.94	260.7	11.09	18.89	8.36	262.9	12.31	15.31	75.59	75.64	21.73	19.03	0	107	26.27	7.598	-0.022	14.98
10/24/2010 20:00	11022	8.07	261.2	16.07	15.31	5.243	263.8	21.73	11.74	70.85	69.51	25.53	24.08	0	2.044	26.25	7.58	-0.018	14.61
10/24/2010 21:00	11023	7.532	252.8	23.47	15.31	4.47	252.7	34.8	9.95	66.77	64.31	29.3	29.07	0	0.002	26.22	7.572	-0.008	12.86
10/24/2010 22:00	11024	6.371	222.6	11.7	13.52	3.323	222.4	20.2	8.16	63.09	60.07	33.1	33.71	0	0.001	26.21	7.562	-0.009	15.03
10/24/2010 23:00	11025	7.466	214.6	22.54	11.74	3.928	214.1	28.63	6.368	60.3	57.71	35.66	35.89	0	0	26.19	7.557	-0.005	12.74
10/25/2010 0:00	11026	8.92	228.5	39.07	17.1	5.605	228	45.43	11.74	61.54	59.05	35.19	35.25	0	0	26.17	7.548	-0.009	14.02
10/25/2010 1:00	11027	5.12	255.8	18.98	17.1	2.433	247	20.38	9.95	60.32	58.06	37.51	37.4	0	0	26.15	7.544	-0.003	12.66
10/25/2010 2:00	11028	5.383	210.9	22.89	9.95	2.349	190.5	26.84	4.578	57.67	53.7	42.04	44.31	0	0	26.12	7.539	-0.005	12.84
10/25/2010 3:00	11029	7.439	219.4	15.92	13.52	4.007	223.6	23.63	8.16	57.94	54.78	42.15	43.57	0	0	26.08	7.53	-0.009	13.11
10/25/2010 4:00	11030	5.703	212.9	19.44	9.95	2.699	203.8	41.12	6.368	57.37	54.47	43.02	44.24	0	0	26.06	7.527	-0.003	12.15
10/25/2010 5:00	11031	8.23	203.9	13.71	13.52	4.644	207.8	18.11	9.95	56.42	54.39	44.12	44.04	0	0	26.03	7.524	-0.003	12.71
10/25/2010 6:00	11032	7.99	213.4	13.43	18.89	4.898	216.8	18.07	13.52	58.62	57.35	42	40.79	0	0	26.01	7.517	-0.007	12.88
10/25/2010 7:00	11033	8.61	225.1	8.87	15.31	5.48	229.9	12.37	11.74	59.28	58.23	42.19	40.69	0	0	26	7.516	-0.001	12.5
10/25/2010 8:00	11034	10.08	228.7	8.69	17.1	6.303	234	11.18	11.74	60.25	58.95	40.85	39.74	0	1.002	26.01	7.513	-0.003	13.09
10/25/2010 9:00	11035	10.98	218.2	8.79	17.1	6.929	224.3	12.42	15.31	61.17	60.41	40.11	38.19	0	30.9	26	7.506	-0.006	13
10/25/2010 10:00	11036	12.98	213.8	9.65	22.47	8.56	220.1	13.7	17.1	63.96	64.11	38.35	35.49	0	190	26.01	7.496	-0.011	13.17
10/25/2010 11:00	11037	14.88	224.2	9.55	24.26	10.44	229.8	12.87	18.89	69.45	70.28	33.27	29.92	0	366	26.05	7.478	-0.018	13.01
10/25/2010 12:00	11038	18.23	221.5	11.83	26.05	12.41	227.1	14.61	20.68	73.25	74.49	30.16	26.61	0	491	26.05	7.465	-0.013	13.1
10/25/2010 13:00	11039	20.6	227.6	11.33	34.99	14.33	232.9	13.85	27.84	77.06	78.17	27.18	23.84	0	502.1	26.04	7.448	-0.016	13.04
10/25/2010 14:00	11040	23.92	231.7	10.53	42.15	16.86	236.8	12.56	36.78	77.92	78.55	26.28	23.24	0	372.7	26.01	7.426	-0.022	13.08
10/25/2010 15:00	11041	28.23	241.1	10.73	42.15	21.03	246.1	12.06	34.99	77.66	78.17	24.87	21.89	0	375.1	25.99	7.388	-0.038	12.82
10/25/2010 16:00	11042	24.26	239.6	10.41	42.15	17.91	244.1	11.59	33.21	76.86	77.23	23.49	20.61	0	277.7	25.97	7.36	-0.028	13.09
10/25/2010 17:00	11043	24.62	238.7	10.33	42.15	18.12	243.5	11.98	34.99	77.03	77.23	23.06	20.25	0	206.1	25.94	7.335	-0.025	14.74
10/25/2010 18:00	11044	18.88	238	11.66	34.99	13.87	242.8	12.75	29.63	76.78	76.77	23.44	20.77	0	120.8	25.94	7.309	-0.025	14.86
10/25/2010 19:00	11045	15.79	234.8	9.76	27.84	11.33	239.7	11.21	24.26	76.08	75.75	24.07	21.59	0	30.6	25.92	7.287	-0.022	12.39
10/25/2010 20:00	11046	14.57	247.6	12.37	31.42	10.99	252	13	20.68	75.44	75.02	25.18	22.74	0	0.42	25.93	7.266	-0.022	12.33
10/25/2010 21:00	11047	16.18	248.8	9.92	27.84	12.35	252.1	10.96	22.47	74.84	74.4	25.18	22.75	0	0.022	25.96	7.244	-0.022	12.32
10/25/2010 22:00	11048	14.26	259	11.3	26.05	10.88	261.4	12.01	20.68	73.64	73.2	25.79	23.3	0	0.025	25.98	7.231	-0.012	12.08
10/25/2010 23:00	11049	11.3	262.9	11.5	18.89	8.54	266.3	12.66	15.31	72.81	72.26	27.16	24.79	0	0.018	26.01	7.222	-0.009	12.15
10/26/2010 0:00	11050	19.19	328.6	29.06	38.57	14.29	332.6	29.74	27.84	65.36	65.27	36.67	33.56	0	0.016	26.06	7.207	-0.015	12.3
10/26/2010 1:00	11051	18.66	333.3	9.89	47.52	14.2	338.6	12.92	31.42	60.11	60.04	37.5	34.5	0	0.001	26.08	7.185	-0.022	12.49
10/26/2010 2:00	11052	19.1	329.8	8.86	31.42	14.56	335.7	11.57	26.05	58.97	58.82	31.05	28.24	0	0	26.07	7.16	-0.025	12.65
10/26/2010 3:00	11053	18.01	326.8	8.35	29.63	13.86	332.6	11.12	24.26	58.06	57.85	28.41	25.62	0	0	26.08	7.148	-0.012	12.23
10/26/2010 4:00	11054	15.23	322.1	9.27	27.84	11.72	328.3	11.6	22.47	56.04	55.83	29.65	26.78	0	0	26.09	7.139	-0.01	12.33
10/26/2010 5:00	11055	11.92	326.2	7.864	22.47	8.94	332.8	10.77	17.1	53.84	53.49	30.65	27.95	0	0	26.09	7.13	-0.008	12.59

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/26/2010 6:00	11056	7.775	330.9	14.69	13.52	5.509	339	17.14	9.95	51.29	50.75	32.3	29.89	0	0	26.09	7.105	-0.025	12.51
10/26/2010 7:00	11057	4.597	337.4	18.8	9.95	2.892	343.2	20.64	6.368	49.34	48.52	32.56	30.71	0	0	26.1	7.098	-0.006	12.51
10/26/2010 8:00	11058	4.634	324.4	19.41	8.16	2.568	332.6	25.82	6.368	47.59	45.13	34.63	35.3	0	0.84	26.1	7.099	0	12.57
10/26/2010 9:00	11059	3.681	190.2	43.94	9.95	2.003	164.2	41.55	6.368	45.97	42.91	37.36	39.67	0	59.88	26.12	7.094	-0.004	12.52
10/26/2010 10:00	11060	5.036	291.2	19.76	9.95	4.423	297.7	22.7	8.16	52.72	53.09	27.91	24.49	0	250.4	26.16	7.085	-0.009	12.25
10/26/2010 11:00	11061	5.738	314.9	29.63	11.74	4.894	317.2	32.26	9.95	58.29	59.15	17.35	14.06	0	437.4	26.23	7.077	-0.008	13.17
10/26/2010 12:00	11062	4.649	235.7	52.69	11.74	3.804	244.7	50.57	9.95	64.19	65.4	11.78	8.39	0	591.9	26.28	7.068	-0.009	12.21
10/26/2010 13:00	11063	7.052	225.6	31.69	17.1	5.494	233.2	35.37	13.52	66.55	68.24	12.47	8.78	0	696	26.29	7.059	-0.01	12.35
10/26/2010 14:00	11064	9.61	217.3	29.94	20.68	7.278	224	31.4	15.31	68.49	70.61	16.63	12.62	0	740.2	26.27	7.045	-0.014	13.16
10/26/2010 15:00	11065	11.64	223.8	16.88	24.26	8.65	228.7	19.33	20.68	70.31	72.38	21.07	16.81	0	715.4	26.24	7.023	-0.022	12.12
10/26/2010 16:00	11066	13.93	244.5	17.56	22.47	10.79	249.3	19.21	20.68	72.4	73.9	26.23	22.15	0	629.2	26.21	7.001	-0.022	14.71
10/26/2010 17:00	11067	14.83	234.6	16.1	24.26	11.07	240.2	16.99	20.68	74.4	75.63	24.53	20.82	0	487.4	26.18	6.979	-0.022	13.99
10/26/2010 18:00	11068	13.2	232.7	13.54	24.26	9.75	237.9	15.26	20.68	75.58	76.38	25.38	21.96	0	299.3	26.16	6.957	-0.022	13.01
10/26/2010 19:00	11069	13.51	239.7	8.69	26.05	9.86	244.2	10.44	18.89	74.97	74.94	27.62	24.84	0	95.6	26.14	6.932	-0.025	12.49
10/26/2010 20:00	11070	7.995	196.6	24.45	11.74	3.983	199.6	27.36	6.368	69.11	66.75	33.76	33.43	0	1.334	26.13	6.911	-0.021	12.79
10/26/2010 21:00	11071	8.5	221.7	6.985	11.74	4.264	224.5	10.83	8.16	67.14	64.21	35.01	35.42	0	0.003	26.12	6.906	-0.005	12.9
10/26/2010 22:00	11072	7.545	232.5	13.85	9.95	3.283	236.4	20.75	6.368	63.01	60.14	40.09	40.75	0	0.001	26.11	6.896	-0.009	14.21
10/26/2010 23:00	11073	3.974	173.9	24.7	9.95	1.577	113.9	23.8	4.578	60.11	55.98	43.58	46.28	0	0	26.11	6.888	-0.008	12.82
10/27/2010 0:00	11074	1.89	142.2	20.3	6.368	1.055	70.7	13.74	4.578	59.27	56.07	44.17	45.84	0	0	26.11	6.886	-0.002	12.67
10/27/2010 1:00	11075	1.493	240.3	23.6	4.578	0.132	328.3	11.51	2.789	58.58	54.8	44.2	47.5	0	0	26.11	6.883	-0.003	12.99
10/27/2010 2:00	11076	1.121	259.7	23.94	4.578	0.44	333.3	13.61	2.789	58.24	53.63	44.25	49.1	0	0	26.11	6.876	-0.006	12.92
10/27/2010 3:00	11077	0.86	177.6	50.01	4.578	1.073	69.66	21.71	4.578	57	51.35	45.72	52.31	0	0	26.11	6.876	0	12.6
10/27/2010 4:00	11078	0.482	194	12.33	4.578	1.092	67.39	11.38	4.578	55.55	49.29	47.7	54.93	0	0	26.11	6.873	-0.003	12.5
10/27/2010 5:00	11079	9.45	358.7	17.59	17.1	6.731	4.361	19.75	13.52	55.41	54.09	48.25	47.44	0	0	26.13	6.87	-0.003	12.83
10/27/2010 6:00	11080	11.6	12.34	9.67	17.1	8.32	19.63	11.82	17.1	53.89	53.66	43.76	41.29	0	0	26.16	6.864	-0.006	12.78
10/27/2010 7:00	11081	13.67	6.772	9.94	20.68	9.81	12.22	12.47	17.1	52.05	51.89	41.2	38.59	0	0	26.19	6.861	-0.003	12.99
10/27/2010 8:00	11082	12.31	20.06	12.1	20.68	8.42	25.56	14.2	17.1	50.74	50.56	39.78	37.07	0	0.528	26.22	6.854	-0.006	13.01
10/27/2010 9:00	11083	12.42	18.63	9.74	18.89	8.61	24.05	12.45	17.1	50.05	49.99	37.82	34.96	0	58.86	26.25	6.848	-0.006	14.44
10/27/2010 10:00	11084	11.41	37.79	12.29	17.1	6.577	40.2	15.32	13.52	55.68	56.25	26.72	23.8	0	248.8	26.31	6.834	-0.014	12.86
10/27/2010 11:00	11085	10.24	33.3	12.53	17.1	6.096	35.69	14.98	13.52	59.47	60.33	22.29	19.18	0	354.4	26.39	6.823	-0.011	12.97
10/27/2010 12:00	11086	6.858	34.3	17.52	11.74	4.611	34.95	20.61	9.95	64.15	65.51	18.67	15.39	0	521	26.44	6.812	-0.011	12.91
10/27/2010 13:00	11087	8.49	16.56	27.75	18.89	6.146	19.23	28.12	17.1	70.27	71.8	18.59	15.07	0	685.6	26.48	6.805	-0.008	13.13
10/27/2010 14:00	11088	9.08	1.647	23.8	18.89	7.073	6.033	26.96	17.1	71.87	73.41	19.57	15.89	0	734.6	26.5	6.795	-0.01	13.01
10/27/2010 15:00	11089	7.665	326.5	37.34	18.89	6.287	333	39.66	15.31	73.66	75.02	19.4	15.7	0	697.8	26.5	6.779	-0.016	12.95
10/27/2010 16:00	11090	6.355	332.7	45.45	17.1	4.676	329.3	53.07	13.52	74.89	76.39	18.85	15.11	0	600.6	26.5	6.763	-0.016	13.61
10/27/2010 17:00	11091	5.656	318.9	41.97	13.52	4.183	322.8	44.05	9.95	75.73	77.07	19.09	15.31	0	482.5	26.51	6.75	-0.013	12.93
10/27/2010 18:00	11092	5.733	319.5	40.29	13.52	3.97	315.9	39.65	9.95	75.49	76.72	19.26	15.6	0	298.4	26.52	6.741	-0.01	13.82
10/27/2010 19:00	11093	6.683	5.362	26.67	11.74	4.637	9.27	29.57	9.95	73.35	73.6	21.93	18.93	0	93.8	26.53	6.726	-0.015	13.13
10/27/2010 20:00	11094	8.83	23.13	8.31	15.31	4.972	30.96	10.95	11.74	67.82	67.21	27.46	25.17	0	1.276	26.52	6.711	-0.015	13.04
10/27/2010 21:00	11095	10.55	19.03	9.23	17.1	7.246	23.07	11.3	13.52	64.8	64.32	29.86	27.33	0	0.002	26.53	6.697	-0.015	13.17
10/27/2010 22:00	11096	8.61	38.16	12.27	15.31	4.557	45.18	16.02	11.74	58.16	57.4	37.6	35.49	0	0	26.54	6.659	-0.038	12.71
10/27/2010 23:00	11097	10.6	25.56	9.43	15.31	6.186	29.51	11.24	13.52	57	56.31	36.55	34.46	0	0	26.55	6.647	-0.012	13.04
10/28/2010 0:00	11098	12.46	19.61	8.83	22.47	8.77	22.98	10.93	20.68	55.74	55.42	37.86	35.16	0	0	26.57	6.635	-0.012	12.65
10/28/2010 1:00	11099	8.76	38.85	19.66	17.1	4.969	42.4	21.26	13.52	52.84	52.23	40.33	38.04	0	0	26.59	6.626	-0.009	14.04
10/28/2010 2:00	11100	8.91	40.65	13.68	17.1	4.896	44.64	17.56	13.52	51.22	50.63	40.6	38.22	0	0	26.59	6.62	-0.006	14.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
10/28/2010 3:00	11101	8.17	41.51	9.49	15.31	4.314	45.41	14.43	9.95	48.45	47.67	44.09	41.95	0	0	26.6	6.613	-0.006	12.66	
10/28/2010 4:00	11102	9.52	32.12	11.37	15.31	5.425	35.56	13.66	11.74	46.58	46.33	46.69	43.71	0	0	26.61	6.607	-0.006	12.72	
10/28/2010 5:00	11103	8.28	35.23	11.74	15.31	4.58	40.76	15.34	11.74	44.71	44.28	49.25	46.51	0	0	26.62	6.599	-0.008	12.33	
10/28/2010 6:00	11104	10.08	33.04	10.83	15.31	5.672	36.66	12.76	11.74	43.61	43.35	51.47	48.4	0	0	26.63	6.596	-0.003	13.02	
10/28/2010 7:00	11105	9.95	30.54	11.06	17.1	5.445	35.97	13.53	13.52	42.99	42.67	52.3	49.41	0	0	26.66	6.59	-0.006	12.9	
10/28/2010 8:00	11106	11.31	37.1	9.68	18.89	6.014	39.72	12.12	11.74	42.62	42.27	50.94	48.13	0	0.314	26.68	6.587	-0.003	12.85	
10/28/2010 9:00	11107	10.64	33.23	11.16	17.1	5.997	37.25	12.62	13.52	42.02	41.86	50.36	47.06	0	54.41	26.71	6.581	-0.006	12.38	
10/28/2010 10:00	11108	13.91	63.68	15.74	24.26	8.44	63.99	22.22	18.89	47.49	48.34	38.31	34.6	0	252.9	26.76	6.566	-0.015	12.68	
10/28/2010 11:00	11109	14.1	80.8	11.14	24.26	8.87	82.3	21.9	18.89	52.98	55	29.75	25.52	0	447.5	26.83	6.558	-0.008	12.91	
10/28/2010 12:00	11110	11.44	88.7	15.09	18.89	7.592	90.7	25.59	13.52	57.32	60.23	24.17	19.76	0	600	26.88	6.547	-0.011	14.36	
10/28/2010 13:00	11111	8.85	93.5	24.85	17.1	6.173	95.5	33.66	13.52	61.01	64.14	19.52	15.3	0	699.3	26.9	6.539	-0.008	13.03	
10/28/2010 14:00	11112	9.26	118.2	24.36	17.1	6.458	126.7	34.88	13.52	63.17	66.65	16.38	12.21	0	741.9	26.9	6.52	-0.019	13.37	
10/28/2010 15:00	11113	7.128	118.5	31.78	15.31	5.268	124.7	42.86	11.74	65.53	68.7	14.73	10.68	0	716.7	26.88	6.51	-0.01	13.41	
10/28/2010 16:00	11114	6.655	126	35.18	13.52	4.841	134.1	44.34	11.74	67.01	69.8	14.96	10.99	0	629.9	26.86	6.494	-0.017	13.03	
10/28/2010 17:00	11115	7.824	122.5	26.9	17.1	5.488	127.4	37.19	13.52	67.63	70.09	15.17	11.32	0	486	26.85	6.478	-0.015	14.8	
10/28/2010 18:00	11116	7.885	122.2	17.18	13.52	5.362	130.7	26.51	11.74	66.86	68.95	16.14	12.54	0	298	26.83	6.46	-0.019	13.24	
10/28/2010 19:00	11117	7.765	111.1	10.13	11.74	4.607	115.6	20.95	9.95	64.46	64.86	18.1	15.48	0	91.8	26.81	6.445	-0.015	13.04	
10/28/2010 20:00	11118	7.029	102.3	4.803	9.95	3.169	93.1	13	4.578	57.73	54.49	23.76	24.08	0	1.184	26.77	6.437	-0.008	13.03	
10/28/2010 21:00	11119	7.609	103.2	5.924	9.95	3.575	94.6	14.5	6.368	54.12	50.97	27.33	27.47	0	0	26.73	6.429	-0.008	13.01	
10/28/2010 22:00	11120	9.18	108	7.957	13.52	4.733	109.3	20.04	9.95	52.88	51.01	28.9	27.7	0	0	26.71	6.42	-0.009	12.93	
10/28/2010 23:00	11121	10.03	118.7	7.268	15.31	5.448	123	18.05	9.95	51.32	50.03	31.42	29.61	0	0	26.7	6.413	-0.006	12.4	
10/29/2010 0:00	11122	9.27	120.2	7.1	13.52	4.897	123.8	17.98	9.95	49.91	48.6	33.69	31.95	0	0	26.69	6.404	-0.01	13	
10/29/2010 1:00	11123	8.19	120.9	6.821	15.31	4.009	120.4	18.29	8.16	47.69	45.95	37.51	36.39	0	0	26.68	6.398	-0.006	12.9	
10/29/2010 2:00	11124	8.09	115.9	7.009	11.74	3.947	113.7	18.75	8.16	47.26	45.17	38.94	38.32	0	0	26.65	6.396	-0.002	13.08	
10/29/2010 3:00	11125	8.06	121.9	6.857	11.74	4.01	122.7	17.5	8.16	46.16	44.45	40.5	39.48	0	0	26.64	6.39	-0.006	12.93	
10/29/2010 4:00	11126	7.615	124.5	7.031	11.74	3.739	126.5	16.36	8.16	45.57	43.98	41.23	40.09	0	0	26.63	6.384	-0.006	12.83	
10/29/2010 5:00	11127	4.973	126.2	7.827	8.16	1.28	115.9	14.6	4.578	42.6	40.31	45.78	45.78	0	0	26.61	6.381	-0.003	12.94	
10/29/2010 6:00	11128	1.314	230.1	27.09	4.578	0.373	292.5	8.71	2.789	41.44	39.2	47.29	47.57	0	0	26.59	6.377	-0.003	14.55	
10/29/2010 7:00	11129	1.689	160.4	24.96	4.578	0.468	91.7	27.3	2.789	42.84	40.05	45.34	46.41	0	0	26.57	6.374	-0.003	13.89	
10/29/2010 8:00	11130	3.104	111.1	9.79	6.368	1.85	71.68	8.12	4.578	42.2	40.39	46.7	46.18	0	0.286	26.57	6.374	0	12.83	
10/29/2010 9:00	11131	5.069	107.6	10.4	8.16	2.613	82.4	19.9	4.578	43.25	41.42	45.25	44.89	0	51.13	26.57	6.371	-0.003	12.83	
10/29/2010 10:00	11132	8.06	145.7	15.48	18.89	5.364	153.6	21.51	13.52	51.38	52.54	34.31	30.63	0	244.3	26.62	6.363	-0.008	13.21	
10/29/2010 11:00	11133	15.12	167.3	11.82	24.26	9.55	174.2	18.51	18.89	57.63	59.38	25.59	21.67	0	433.7	26.69	6.357	-0.005	15.05	
10/29/2010 12:00	11134	14.54	179.6	13.22	22.47	9.62	186.4	19.47	17.1	60.96	63.3	22.82	18.61	0	586.9	26.71	6.343	-0.014	14.81	
10/29/2010 13:00	11135	11.39	185	14.08	17.1	8.07	193.7	19.1	15.31	64.58	67.23	21.22	16.87	0	687.7	26.71	6.333	-0.01	13.3	
10/29/2010 14:00	11136	11.69	191.4	17.78	20.68	8.19	200.2	21.9	15.31	68.2	70.97	19.92	15.53	0	729.1	26.7	6.32	-0.013	14.97	
10/29/2010 15:00	11137	12.44	189.9	15.76	22.47	8.75	197.7	19.98	15.31	70.61	73.39	19.72	15.33	0	705	26.67	6.3	-0.019	13.16	
10/29/2010 16:00	11138	13.32	186.9	14.56	24.26	9.13	193.8	19.23	20.68	72.33	74.84	20.09	15.8	0	618.7	26.64	6.272	-0.029	13.85	
10/29/2010 17:00	11139	13.08	189.7	11.83	24.26	8.99	197.4	17.14	18.89	73.46	75.46	21	16.95	0	476.4	26.61	6.25	-0.022	13.04	
10/29/2010 18:00	11140	12.88	180.9	13.13	20.68	8.42	188.9	18.28	17.1	74.05	75.44	21.91	18.28	0	292.2	26.59	6.231	-0.018	13.09	
10/29/2010 19:00	11141	10.46	173.7	8.53	20.68	6.235	179.4	15.26	15.31	71.58	71.61	23.62	20.98	0	88.7	26.56	6.216	-0.016	13.2	
10/29/2010 20:00	11142	7.542	155.2	5.142	9.95	2.935	153.9	10.78	6.368	64	60.49	30.41	30.96	0	1.011	26.52	6.205	-0.011	13.36	
10/29/2010 21:00	11143	6.499	155.3	6.817	9.95	2.272	154.9	12.09	4.578	59.34	56.49	34.92	35.04	0	0	26.48	6.199	-0.006	12.89	
10/29/2010 22:00	11144	5.063	170.5	10.16	9.95	1.133	190	11.56	4.578	56.41	53.69	37.73	37.83	0	0	26.45	6.194	-0.005	14.89	
10/29/2010 23:00	11145	5.29	189.9	13.08	8.16	2.258	206.9	15.67	4.578	54.41	52.31	39.7	39.15	0	0	26.43	6.191	-0.003	13.23	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/30/2010 0:00	11146	6.136	196.3	7.39	9.95	2.743	204.1	12.44	6.368	54.21	51.65	38.71	38.88	0	0	26.42	6.185	-0.006	13.8
10/30/2010 1:00	11147	5.806	201.2	9.68	13.52	2.838	212.8	15.56	6.368	53.51	50.99	37.85	38.02	0	0	26.4	6.179	-0.006	13.09
10/30/2010 2:00	11148	5.319	201.1	9.79	8.16	1.83	216.6	17.22	4.578	52.46	49.44	38.5	39.41	0	0	26.38	6.175	-0.003	13.16
10/30/2010 3:00	11149	5.929	207.6	13.09	9.95	2.56	217.1	21.37	6.368	50.41	47.92	41.06	41.23	0	0	26.36	6.172	-0.003	12.91
10/30/2010 4:00	11150	5.154	248.6	10.72	8.16	1.927	269.4	9.92	4.578	48.51	45.19	43.69	45.33	0	0	26.35	6.173	0	12.9
10/30/2010 5:00	11151	4.339	235.6	8.24	8.16	1.645	278.2	14.28	4.578	47.16	44.76	45.31	45.81	0	0	26.33	6.171	-0.002	12.23
10/30/2010 6:00	11152	4.229	243.7	7.727	6.368	1.544	278.5	9.89	4.578	46.99	44	45.44	46.99	0	0	26.32	6.168	-0.003	12.14
10/30/2010 7:00	11153	4.921	270.3	17.71	8.16	2.542	303.7	13.64	6.368	46.75	43.48	46.24	48.19	0	0	26.32	6.165	-0.003	12.57
10/30/2010 8:00	11154	5.86	285.4	6.173	8.16	2.831	297.5	10.05	4.578	45.92	42.68	47.93	49.88	0	0.234	26.32	6.165	0	12.63
10/30/2010 9:00	11155	5.006	264.9	7.238	8.16	2.52	282.6	15.17	6.368	49.49	45.62	43.45	45.97	0	47.52	26.32	6.162	-0.003	12.22
10/30/2010 10:00	11156	6.277	238.1	14.06	9.95	4.952	244.4	15.95	8.16	53.98	54.48	39.61	35.87	0	236.5	26.37	6.156	-0.006	12.98
10/30/2010 11:00	11157	6.266	227.9	13.83	9.95	4.865	233.4	16.88	8.16	61.82	62.86	34.45	30.56	0	421.4	26.45	6.151	-0.005	14.71
10/30/2010 12:00	11158	7.082	237.9	15.96	13.52	5.584	241.6	18.33	11.74	71.73	72.73	28.61	25.07	0	573	26.5	6.139	-0.012	14.27
10/30/2010 13:00	11159	9.47	222.1	16.35	15.31	6.977	228.5	18.2	13.52	79.68	81.3	23.75	20.07	0	675.1	26.52	6.123	-0.016	13.06
10/30/2010 14:00	11160	9.94	229.9	18.31	17.1	7.479	236	22.19	13.52	84.6	86.2	19.63	16.12	0	718.2	26.51	6.113	-0.01	12.97
10/30/2010 15:00	11161	8.31	214	26.04	17.1	6.24	220.2	26.85	13.52	87.1	88.9	14.22	10.69	0	695.7	26.49	6.097	-0.016	13.01
10/30/2010 16:00	11162	8.27	197.6	20.16	17.1	5.966	203.1	23.41	15.31	87.5	89.4	15.23	11.5	0	601.7	26.47	6.072	-0.025	14.2
10/30/2010 17:00	11163	8.47	230.8	39.45	18.89	6.46	238.6	43.02	15.31	88.2	89.2	13.81	10.52	0	460.1	26.45	6.047	-0.025	14.95
10/30/2010 18:00	11164	9.69	258.8	15.26	18.89	7.489	262.8	17.33	15.31	87.7	88.3	11.84	8.76	0	279.1	26.43	6.025	-0.022	13.03
10/30/2010 19:00	11165	8.2	256.6	9.92	17.1	5.473	258.4	12.28	13.52	84.6	84.1	14.97	12.53	0	78.67	26.41	5.996	-0.028	12.94
10/30/2010 20:00	11166	4.024	200	36.74	6.368	1.572	143.7	31.19	4.578	77.36	72.81	20.36	21.02	0	0.799	26.38	5.985	-0.012	12.94
10/30/2010 21:00	11167	3.829	179.4	13.69	8.16	0.652	144.6	11.32	4.578	69.92	66.37	27.56	27.71	0	0.001	26.35	5.98	-0.005	12.99
10/30/2010 22:00	11168	3.905	176.2	11.65	8.16	1.405	149.6	17.56	4.578	66.41	63.38	30.49	30.41	0	0	26.32	5.974	-0.006	14.88
10/30/2010 23:00	11169	2.948	188	18.58	8.16	0.864	194.8	34.47	4.578	63.3	60.29	33.45	33.8	0	0	26.3	5.968	-0.005	12.98
10/31/2010 0:00	11170	4.201	201.7	25.95	8.16	1.299	222.1	35.62	4.578	61.8	58.53	35.49	36.08	0	0	26.29	5.965	-0.003	12.97
10/31/2010 1:00	11171	3.674	204.7	23.44	6.368	0.831	236.1	30.06	4.578	60.49	57.06	37.7	38.64	0	0	26.28	5.963	-0.003	12.52
10/31/2010 2:00	11172	4.785	196.7	13.25	9.95	1.69	206.7	19.96	4.578	58.82	55.88	40.88	41.26	0	0	26.26	5.96	-0.003	14.26
10/31/2010 3:00	11173	3.392	212.6	26.88	8.16	0.991	263.7	41.1	6.368	56.75	53.14	43.69	45.41	0	0	26.26	5.953	-0.006	12.53
10/31/2010 4:00	11174	3.405	205.3	23.12	8.16	0.938	230.7	36.52	4.578	54.89	51.59	46.14	47.41	0	0	26.25	5.95	-0.003	12.12
10/31/2010 5:00	11175	4.175	226.8	19.89	6.368	1.051	251.5	27.91	4.578	53.99	50.48	47.77	49.61	0	0	26.23	5.947	-0.003	12.31
10/31/2010 6:00	11176	2.818	202.6	10.64	6.368	1.222	155.4	40.75	4.578	52.91	49.51	49.55	51.35	0	0	26.22	5.944	-0.003	12.22
10/31/2010 7:00	11177	3.303	187.1	17.48	6.368	1.45	112.5	21.91	4.578	51.17	47.09	52.34	55.32	0	0	26.22	5.941	-0.003	12.3
10/31/2010 8:00	11178	2.587	176.6	12.73	6.368	1.208	118.9	18.39	4.578	48.32	45.65	57.38	58.14	0	0.393	26.22	5.939	-0.002	12.53
10/31/2010 9:00	11179	2.169	210.7	17.49	6.368	0.603	205.3	20.88	4.578	48.69	46.99	58.09	56.76	0	49.11	26.22	5.939	0	12.33
10/31/2010 10:00	11180	4.837	212.3	18.12	9.95	3.554	220	20.14	8.16	55.11	55.54	50.37	46.63	0	222.5	26.27	5.931	-0.009	12.93
10/31/2010 11:00	11181	3.092	252.5	61.7	6.368	2.578	261.8	55.63	6.368	65.21	65.5	36.62	33.7	0	291.7	26.34	5.926	-0.005	13.63
10/31/2010 12:00	11182	6.171	323.1	32.38	17.1	5.158	329.6	33.44	13.52	73.22	73.92	26.42	23.3	0	509.6	26.41	5.918	-0.008	13.71
10/31/2010 13:00	11183	13.04	300.9	17.11	22.47	10.73	306.4	19.35	18.89	78.74	79.6	15.16	12.02	0	680.6	26.44	5.898	-0.02	13.09
10/31/2010 14:00	11184	13.45	291	13.7	22.47	11.05	296.9	16.88	18.89	80.6	81.5	11.51	8.23	0	619	26.43	5.882	-0.016	15.14
10/31/2010 15:00	11185	15.54	285.6	13.61	26.05	12.61	290	17.35	20.68	81.3	82.4	10.2	6.764	0	697.5	26.41	5.857	-0.025	12.99
10/31/2010 16:00	11186	13.8	287.3	17.22	24.26	11.21	292.4	21.36	22.47	81.9	82.9	10.36	6.911	0	553.4	26.4	5.825	-0.032	13.71
10/31/2010 17:00	11187	10.28	278	18.14	17.1	8.43	282.9	21.52	17.1	82.2	82.9	10.38	7.046	0	430	26.39	5.793	-0.032	13.13
10/31/2010 18:00	11188	7.218	289.1	13.17	15.31	5.834	296.3	16.23	13.52	81	81.1	11.26	8.24	0	153.5	26.38	5.777	-0.016	13.07
10/31/2010 19:00	11189	5.918	279.4	19.79	11.74	3.66	287.1	30.29	9.95	77.35	76.21	13.86	11.98	0	38.97	26.37	5.769	-0.009	13.14
10/31/2010 20:00	11190	3.461	338.4	31.54	8.16	1.726	355.4	61.73	4.578	72.29	67.79	17.58	18.79	0	0.506	26.36	5.754	-0.015	14.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/31/2010 21:00	11191	3.341	32.37	7.44	8.16	2.458	77.86	17.1	4.578	70.2	63.34	18.62	23.02	0	0	26.34	5.749	-0.005	12.94
10/31/2010 22:00	11192	4.196	22	13.08	9.95	2.09	53.16	28.22	6.368	67.66	64.13	20.22	20.97	0	0	26.33	5.739	-0.01	13.02
10/31/2010 23:00	11193	2.84	16.87	28.53	6.368	1.486	17.97	54.03	4.578	65.14	59.61	22.56	26.44	0	0.001	26.35	5.736	-0.003	13.21
11/1/2010 0:00	11194	4.683	16.47	32.89	9.95	2.231	31.49	48.58	8.16	62.4	57.41	25.04	27.87	0	0	26.34	5.73	-0.006	13
11/1/2010 1:00	11195	7.565	23.92	10.52	13.52	4.093	35.28	19	9.95	60.98	58.99	27.68	26.71	0	0	26.34	5.724	-0.006	13
11/1/2010 2:00	11196	7.306	28.17	14.25	17.1	3.774	42.17	25.43	13.52	58.38	56.91	30.88	29.36	0	0	26.34	5.721	-0.003	12.78
11/1/2010 3:00	11197	10.09	46.18	16.18	17.1	5.525	51.15	19.04	11.74	53.98	53.27	38.69	36.07	0	0	26.35	5.712	-0.009	12.93
11/1/2010 4:00	11198	9.53	58.66	11.97	15.31	5.293	61.13	18.16	9.95	51.09	50.13	46.23	43.96	0	0	26.34	5.703	-0.009	14.62
11/1/2010 5:00	11199	9.09	44.73	13.85	15.31	4.994	49.83	18.6	9.95	49.08	48.47	52.14	49.39	0	0	26.33	5.697	-0.006	13.02
11/1/2010 6:00	11200	10.22	28.79	11.97	18.89	5.882	33.42	14.93	15.31	48.05	47.7	56.47	53.29	0	0	26.34	5.697	0	12.39
11/1/2010 7:00	11201	12.13	29.32	12.86	18.89	7.199	33.89	15.56	17.1	46.83	46.6	61.24	57.8	0	0	26.35	5.69	-0.006	12.49
11/1/2010 8:00	11202	11.29	22.05	11.92	20.68	7.489	26.15	14.23	17.1	45.06	45.04	65.16	61.26	0	0.084	26.36	5.684	-0.006	12.51
11/1/2010 9:00	11203	9.13	7.486	20.27	15.31	6.378	10.83	22.6	11.74	44.75	44.71	66.33	62.31	0	40.32	26.38	5.682	-0.002	13.02
11/1/2010 10:00	11204	9.87	7.441	10.83	15.31	7.25	12.87	13.81	13.52	50.16	50.72	58.96	54.35	0	234.4	26.43	5.681	-0.001	12.6
11/1/2010 11:00	11205	10.99	20.63	13.05	18.89	7.312	24.53	14.98	17.1	54.92	55.96	52.84	48.12	0	408.6	26.49	5.676	-0.005	13.13
11/1/2010 12:00	11206	10.58	29.7	16.32	18.89	6.766	33.18	18.12	13.52	59.21	60.62	46.98	42.25	0	520	26.53	5.672	-0.004	13.03
11/1/2010 13:00	11207	8.52	27.97	18.37	17.1	5.723	32.09	19.99	15.31	61.62	63.03	43.53	38.86	0	480.4	26.54	5.668	-0.004	13.14
11/1/2010 14:00	11208	6.161	31.15	23.96	13.52	4.228	33.35	25.84	8.16	63.26	64.69	40.86	36.32	0	440.6	26.52	5.662	-0.006	14.5
11/1/2010 15:00	11209	6.08	6.986	35.04	15.31	4.738	8.9	37.61	11.74	66.93	68.16	36.13	31.92	0	670	26.52	5.652	-0.01	13.15
11/1/2010 16:00	11210	9.97	1.6	19.63	18.89	7.496	5.361	21.97	15.31	67.89	69.35	34.16	29.7	0	595.2	26.54	5.642	-0.01	13.08
11/1/2010 17:00	11211	11.75	9.85	17.81	20.68	8.53	13.95	20.55	18.89	68.88	69.98	31.93	27.9	0	452.2	26.54	5.629	-0.012	13.31
11/1/2010 18:00	11212	14.09	10.67	13.12	24.26	10.03	15.76	15.11	18.89	68.77	69.49	32.08	28.36	0	264.7	26.54	5.613	-0.016	13.02
11/1/2010 19:00	11213	13.51	13.79	10.63	22.47	9.57	19.51	12.74	17.1	67.56	67.82	32.86	29.57	0	86.5	26.54	5.598	-0.015	13.06
11/1/2010 20:00	11214	15.23	11.04	10.43	29.63	11.08	16.95	12.01	26.05	64.83	64.91	35.62	32.39	0	0.581	26.55	5.58	-0.018	12.95
11/1/2010 21:00	11215	15.53	14.97	9.99	26.05	11.19	20.83	11.48	20.68	61.95	62.02	38.41	35.07	0	0.002	26.57	5.549	-0.032	12.95
11/1/2010 22:00	11216	11.12	17.37	9.03	18.89	7.852	22.37	11.27	15.31	57.84	57.81	43.94	40.56	0	0	26.58	5.536	-0.012	13.17
11/1/2010 23:00	11217	10.66	13.9	9.46	18.89	7.824	18.96	10.59	15.31	54.33	54.3	48.74	45.29	0	0	26.59	5.524	-0.012	12.54
11/2/2010 0:00	11218	11.06	11.59	10.17	18.89	8.3	18.18	11.29	15.31	53.11	53.09	49.43	45.98	0	0	26.59	5.519	-0.005	12.24
11/2/2010 1:00	11219	11.67	4.852	10.01	24.26	8.43	10.17	12.77	15.31	51.8	51.75	50.8	47.37	0	0	26.58	5.513	-0.006	12.12
11/2/2010 2:00	11220	10.63	355.7	13.84	18.89	7.769	360	15.94	15.31	50.64	50.51	54.33	50.89	0	0	26.57	5.506	-0.006	12.36
11/2/2010 3:00	11221	9.49	324.5	16.67	17.1	6.862	328.4	17.83	11.74	47.81	47.54	61.55	58.04	0	0	26.56	5.5	-0.006	12.35
11/2/2010 4:00	11222	9.42	319.4	8.14	13.52	7.034	323.7	9.85	11.74	45.14	44.95	67.12	63.42	0	0	26.55	5.497	-0.003	12.54
11/2/2010 5:00	11223	12.12	326.5	7.694	17.1	9.27	331.3	10.46	13.52	45.71	45.5	67.45	63.9	0	0	26.53	5.494	-0.003	15.04
11/2/2010 6:00	11224	12.71	328.2	7.249	18.89	9.72	332.4	10.01	15.31	46.3	46.04	65.62	62.34	0	0	26.53	5.491	-0.003	12.33
11/2/2010 7:00	11225	13.19	326.5	7.128	18.89	10.06	331.8	10.27	15.31	45.78	45.55	65.48	62.11	0	0	26.53	5.488	-0.003	12.34
11/2/2010 8:00	11226	11.25	323.1	7.915	17.1	6.736	328.6	18.65	13.52	45.44	45.5	65.45	61.59	0	0.094	26.54	5.485	-0.003	12.14
11/2/2010 9:00	11227	10.1	323.3	7.699	15.31	6.341	328.6	16.48	11.74	45.7	45.71	64.33	60.34	0	41.36	26.55	5.481	-0.003	14.61
11/2/2010 10:00	11228	10.44	339.6	15.03	17.1	7.981	343.9	16.55	15.31	51.21	51.64	54.92	50.76	0	229	26.6	5.478	-0.004	12.56
11/2/2010 11:00	11229	15.15	0.266	10.16	24.26	11.34	4.704	12.54	20.68	57.88	58.6	45.96	42.01	0	416.1	26.65	5.476	-0.002	12.42
11/2/2010 12:00	11230	14.66	5.724	12.65	24.26	10.9	10.52	15.02	18.89	61.71	62.72	40.54	36.47	0	566	26.68	5.469	-0.007	12.32
11/2/2010 13:00	11231	14.8	8.59	13.58	24.26	10.86	13.36	16.43	20.68	64.24	65.48	36.26	32.07	0	665.8	26.69	5.465	-0.004	12.39
11/2/2010 14:00	11232	14.1	1.912	17.37	24.26	10.47	6.012	19.53	22.47	66.53	67.96	31.79	27.6	0	710.3	26.68	5.452	-0.013	12.3
11/2/2010 15:00	11233	14.77	357.2	16.65	26.05	11.29	1.937	19.38	24.26	67.9	69.4	28.2	24.05	0	688.4	26.65	5.433	-0.019	12.95
11/2/2010 16:00	11234	13.45	2.328	17.49	24.26	10.02	7.339	19.16	22.47	68.85	70.19	26.56	22.56	0	599.3	26.63	5.417	-0.016	13.75
11/2/2010 17:00	11235	14.52	4.274	16.46	36.78	10.58	9.15	19.06	24.26	68.93	69.95	24.97	21.22	0	457.1	26.61	5.398	-0.019	12.41

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/2/2010 18:00	11236	14.21	4.623	13.7	24.26	10.42	9.68	16.09	18.89	69.02	69.71	24.18	20.68	0	274.5	26.58	5.376	-0.022	12.23
11/2/2010 19:00	11237	11.87	7.851	11.14	20.68	8.91	13.66	13.71	18.89	67.51	67.62	25	21.9	0	76.53	26.57	5.361	-0.015	12.33
11/2/2010 20:00	11238	8.3	12.07	9.23	13.52	6.057	16.2	10.84	11.74	62.48	62.23	30.01	27.08	0	0.621	26.56	5.346	-0.015	14.88
11/2/2010 21:00	11239	9.05	16.65	8.88	13.52	6.239	20.52	11.3	11.74	59.28	58.86	33.54	30.74	0	0	26.54	5.34	-0.006	12.46
11/2/2010 22:00	11240	9.59	20.2	8.68	13.52	6.053	25.53	10.91	11.74	56.68	56.19	36.64	33.9	0	0	26.53	5.334	-0.006	12.52
11/2/2010 23:00	11241	10.42	19.83	8.06	15.31	6.982	23.91	10.55	13.52	54.66	54.17	39.26	36.53	0	0	26.53	5.325	-0.009	12.12
11/3/2010 0:00	11242	9.49	14.14	9.36	15.31	6.508	17.19	12.97	11.74	54.29	53.61	40.16	37.64	0	0	26.53	5.313	-0.013	12.49
11/3/2010 1:00	11243	9.91	9.03	9.59	18.89	6.841	12.5	12.59	11.74	51.79	51.29	44.38	41.55	0	0	26.52	5.306	-0.006	12.75
11/3/2010 2:00	11244	9.63	359	7.449	13.52	6.324	1.056	10.46	9.95	49.27	48.71	48.44	45.72	0	0	26.51	5.303	-0.003	12.37
11/3/2010 3:00	11245	9.26	358	10.99	13.52	6.286	359.7	13.11	9.95	49.1	48.56	49.02	46.32	0	0	26.5	5.297	-0.006	12.39
11/3/2010 4:00	11246	7.282	330.7	12.24	11.74	4.733	333.8	16.53	8.16	44.75	44.13	55.23	52.45	0	0	26.49	5.291	-0.006	12.47
11/3/2010 5:00	11247	9.42	337	7.591	13.52	6.395	343.6	11.3	11.74	45.18	44.57	55.04	52.4	0	0	26.46	5.289	-0.002	12.67
11/3/2010 6:00	11248	9.09	336.2	9.5	15.31	6.209	341	12.97	11.74	48.29	47.45	51.46	49.3	0	0	26.47	5.285	-0.004	14.65
11/3/2010 7:00	11249	10.25	346.9	10.26	15.31	6.781	353.2	13.5	11.74	47.72	47.01	52.68	50.3	0	0	26.48	5.281	-0.004	12.4
11/3/2010 8:00	11250	9.35	318.6	16.81	13.52	6.461	324.1	18.31	11.74	43.57	43.15	58.62	55.43	0	0.082	26.49	5.272	-0.009	12.53
11/3/2010 9:00	11251	9.21	326	9.13	13.52	6.675	330.2	12.06	11.74	44.32	43.86	57.41	54.29	0	39.2	26.5	5.27	-0.002	12.18
11/3/2010 10:00	11252	8.9	337	9.68	15.31	6.943	340.4	12.49	11.74	53.28	53.59	46.64	42.86	0	222	26.55	5.265	-0.005	12.27
11/3/2010 11:00	11253	11.67	349.6	10.64	18.89	8.85	353.9	14.33	15.31	59.25	60.09	38.94	35.03	0	410.1	26.63	5.26	-0.005	13.03
11/3/2010 12:00	11254	12.09	8.67	14.37	20.68	8.81	14.53	16.49	17.1	62.79	63.89	33.26	29.35	0	562.1	26.68	5.25	-0.011	12.96
11/3/2010 13:00	11255	16.11	26.51	16.78	31.42	10.11	30.59	18.38	24.26	66.01	67.38	28.88	24.96	0	658.5	26.7	5.243	-0.007	13.06
11/3/2010 14:00	11256	17.4	27.35	14.03	27.84	10.59	31.42	16.05	24.26	67.82	69.23	27.03	23.08	0	696.3	26.69	5.224	-0.019	13.13
11/3/2010 15:00	11257	18.29	30.69	15.91	33.21	11.17	34.32	17.44	24.26	70.32	71.74	23.52	19.71	0	673.9	26.67	5.208	-0.016	12.83
11/3/2010 16:00	11258	20.5	34.32	15.35	34.99	12.22	36.64	17.95	27.84	71	72.27	22.35	18.61	0	582.6	26.66	5.182	-0.025	14.64
11/3/2010 17:00	11259	19.3	25.13	13.89	31.42	12.02	29.49	16.2	26.05	70.97	71.78	23.64	20.12	0	430.8	26.65	5.16	-0.022	12.89
11/3/2010 18:00	11260	20.65	25.12	12.32	36.78	12.69	29.73	14.57	29.63	70.52	70.94	24.24	20.96	0	243.8	26.64	5.138	-0.022	13
11/3/2010 19:00	11261	16.17	26.23	10.65	29.63	9.85	31.34	13.63	24.26	68.35	68.34	27.08	24.06	0	59.5	26.63	5.12	-0.018	12.89
11/3/2010 20:00	11262	10.82	27.8	10.58	18.89	6.194	33.79	12.68	15.31	64.73	64.43	30.66	27.79	0	0.507	26.63	5.105	-0.015	12.79
11/3/2010 21:00	11263	8.65	17.02	9.76	15.31	6.053	21.52	11.4	11.74	60.74	60.43	35.14	32.21	0	0	26.63	5.089	-0.016	13.1
11/3/2010 22:00	11264	9.85	13.52	9.72	15.31	7.156	17.9	10.68	11.74	57.97	57.61	38.44	35.5	0	0	26.62	5.08	-0.009	12.94
11/3/2010 23:00	11265	9.35	9.89	10.02	15.31	6.781	14.44	11.68	11.74	55.82	55.48	41.58	38.61	0	0	26.63	5.074	-0.006	14.64
11/4/2010 0:00	11266	9.8	9.13	9.13	15.31	7.13	12.82	11.14	13.52	54.42	54.04	43.76	40.84	0	0	26.64	5.065	-0.009	12.54
11/4/2010 1:00	11267	9.63	7.451	8.77	17.1	6.761	10.46	11.23	13.52	52.38	51.94	46.85	43.95	0	0	26.63	5.062	-0.003	12.91
11/4/2010 2:00	11268	8.97	2.722	8.58	13.52	6.113	4.733	12.27	11.74	50.05	49.65	50.9	47.87	0	0	26.63	5.05	-0.013	13.05
11/4/2010 3:00	11269	9.28	4.863	11.12	15.31	6.14	7.797	15.35	11.74	48.73	48.24	53.54	50.63	0	0	26.62	5.046	-0.003	12.78
11/4/2010 4:00	11270	10.12	7.366	10.17	15.31	7.345	10.8	12.77	13.52	47.06	46.84	56.39	53.06	0	0	26.62	5.046	0	12.66
11/4/2010 5:00	11271	10.7	15.32	9.77	17.1	7.801	20.04	10.95	13.52	45.99	45.83	57.43	53.99	0	0	26.62	5.043	-0.003	12.8
11/4/2010 6:00	11272	10.4	9.55	9.09	17.1	7.74	14.7	10.72	13.52	44.74	44.53	59.09	55.72	0	0	26.62	5.038	-0.005	12.31
11/4/2010 7:00	11273	8.9	2.007	8.2	13.52	6.248	4.972	11.46	9.95	43.09	42.92	61.07	57.55	0	0	26.62	5.035	-0.003	14.36
11/4/2010 8:00	11274	9.6	0.187	8.36	15.31	6.044	0.141	14.1	11.74	41.07	41.22	63.53	59.44	0	0.094	26.62	5.026	-0.009	12.7
11/4/2010 9:00	11275	10.97	4.506	8.88	15.31	7.526	7.219	15.17	13.52	42.12	42.23	60.56	56.48	0	38.49	26.63	5.023	-0.003	12.7
11/4/2010 10:00	11276	10.25	14.22	9.46	17.1	7.653	19.97	11.52	13.52	47.17	47.55	51.73	47.69	0	224.3	26.67	5.012	-0.011	12.91
11/4/2010 11:00	11277	10.83	25.44	12.82	17.1	7.115	28.78	15.1	15.31	52.83	53.74	41.44	37.4	0	419	26.73	5.007	-0.005	14.63
11/4/2010 12:00	11278	9.76	31.48	14.86	18.89	6.305	33.65	16.89	17.1	54.99	56.4	37.09	32.75	0	572.9	26.77	5	-0.007	12.98
11/4/2010 13:00	11279	7.039	20.51	31.97	15.31	5.102	20.56	34.21	13.52	57.82	59.48	32.48	28.05	0	667.7	26.77	4.993	-0.008	13.24
11/4/2010 14:00	11280	7.464	8.64	29.79	15.31	5.497	12.19	33.4	13.52	60.12	61.78	27.99	23.72	0	702.6	26.76	4.986	-0.007	13.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/4/2010 15:00	11281	7.465	14.78	25.19	17.1	5.465	16.31	28.21	15.31	61.97	63.62	24.72	20.54	0	696.7	26.73	4.973	-0.013	13.13
11/4/2010 16:00	11282	6.353	8.97	32.04	15.31	5.007	12.58	36.37	13.52	62.96	64.21	23.67	19.72	0	555	26.71	4.957	-0.016	13.08
11/4/2010 17:00	11283	5.658	22.4	51.43	13.52	4.34	26.93	59.24	11.74	63.95	65.1	23.25	19.4	0	441.7	26.68	4.951	-0.006	15.01
11/4/2010 18:00	11284	5.255	5.09	41.85	13.52	4.23	4.785	46.77	11.74	63.87	64.81	23.49	19.79	0	268.9	26.65	4.942	-0.009	13.22
11/4/2010 19:00	11285	3.647	37.98	31.45	8.16	2.44	42.65	34.13	6.368	62.64	62.48	24.97	22.29	0	70.9	26.63	4.933	-0.009	13.02
11/4/2010 20:00	11286	4.975	72.28	7.566	6.368	2.817	66.31	9.61	4.578	57.34	53.58	30	31.24	0	0.358	26.58	4.927	-0.005	13.06
11/4/2010 21:00	11287	4.786	48.74	10.31	8.16	2.897	80.9	11.23	4.578	54.86	49.73	32.76	35.6	0	0	26.55	4.916	-0.011	12.91
11/4/2010 22:00	11288	4.907	75.01	14.47	8.16	3.086	66.63	21.3	4.578	52.01	47.91	35.6	37.62	0	0	26.52	4.91	-0.006	13.03
11/4/2010 23:00	11289	3.372	84.9	27.37	8.16	1.637	66.68	33.39	6.368	49.05	45.24	38.21	39.94	0	0	26.52	4.904	-0.006	13.09
11/5/2010 0:00	11290	2.393	294.8	25.27	9.95	1.605	344.4	54.23	6.368	47.04	42.54	41.42	44.3	0	0	26.51	4.905	0.001	12.19
11/5/2010 1:00	11291	0.557	59.4	1.696	4.578	1.638	71.12	7.597	4.578	47.92	41.84	39.72	45.47	0	0	26.49	4.902	-0.003	12.36
11/5/2010 2:00	11292	2.344	75.88	7.139	4.578	2.191	64.7	5.297	4.578	48.04	42.48	37.54	42.93	0	0	26.48	4.899	-0.003	12.55
11/5/2010 3:00	11293	4.412	83	7.115	6.368	3.026	60.59	6.54	4.578	47.01	43.62	37.49	39.51	0	0	26.47	4.896	-0.003	14.88
11/5/2010 4:00	11294	5.056	95.3	8.4	8.16	2.853	72.4	11.97	6.368	46.47	42.99	37.82	39.47	0	0	26.47	4.896	0	12.16
11/5/2010 5:00	11295	4.324	99.9	8.92	6.368	1.774	78.26	8.24	4.578	45.6	42.29	38.95	40.29	0	0	26.47	4.893	-0.003	15.06
11/5/2010 6:00	11296	1.213	109.2	7.697	4.578	0.733	79.75	19.51	2.789	43.28	40.35	41.87	43.22	0	0	26.46	4.893	0	12.18
11/5/2010 7:00	11297	0.731	62.88	2.526	4.578	1.502	76.36	19.98	4.578	41.32	37.28	44.89	48.92	0	0	26.45	4.889	-0.003	12.23
11/5/2010 8:00	11298	4.031	93.1	17.61	6.368	2.63	69.99	8.81	4.578	42.57	39	43.06	45.41	0	0.079	26.45	4.886	-0.003	12.24
11/5/2010 9:00	11299	5.329	109.9	7.735	8.16	2.914	85.9	13.45	4.578	44.06	41.23	41.29	42.16	0	36.48	26.46	4.88	-0.006	12.37
11/5/2010 10:00	11300	5.566	114.4	11.34	9.95	3.798	115	21.01	8.16	49.94	51.14	35.3	31.53	0	220.5	26.52	4.875	-0.005	12.49
11/5/2010 11:00	11301	7.828	145.9	22.5	13.52	5.462	153.9	27.9	9.95	55.42	57.5	29.56	25.23	0	413.6	26.59	4.867	-0.008	12.32
11/5/2010 12:00	11302	9.49	168.9	17.59	17.1	6.503	176.7	22.56	13.52	59.5	61.96	25.87	21.36	0	565.3	26.63	4.863	-0.004	12.44
11/5/2010 13:00	11303	10.27	179.5	19.38	17.1	7.097	186.1	23.86	13.52	62.83	65.45	24.33	19.73	0	662.8	26.64	4.856	-0.007	12.19
11/5/2010 14:00	11304	10.1	182.3	20.17	17.1	7.051	190.1	23.94	13.52	65.38	68.13	22.94	18.31	0	700.9	26.63	4.846	-0.01	12.88
11/5/2010 15:00	11305	9.72	193.3	20.15	17.1	7.044	202.6	24.01	13.52	67.46	69.91	22.23	17.72	0	675.9	26.61	4.83	-0.017	14.37
11/5/2010 16:00	11306	9.35	191.5	19.85	17.1	6.725	199	24.06	13.52	68.97	71.26	21.88	17.48	0	589.4	26.59	4.811	-0.019	12.94
11/5/2010 17:00	11307	9.48	206.2	20.45	18.89	6.863	212.9	23.43	13.52	69.81	71.42	21.92	17.87	0	448.4	26.57	4.792	-0.019	13.04
11/5/2010 18:00	11308	10.32	191.9	14.3	17.1	6.964	198.2	18.33	13.52	69.45	70.83	22.38	18.58	0	268.2	26.55	4.77	-0.022	13.03
11/5/2010 19:00	11309	7.415	173	12.78	11.74	4.013	176.2	18.75	9.95	67.03	66.64	24.47	22.11	0	70.57	26.53	4.752	-0.019	13
11/5/2010 20:00	11310	6.855	141.9	7.672	9.95	2.35	118.5	14.34	4.578	60.2	55.64	30.6	32	0	0.451	26.49	4.747	-0.005	12.85
11/5/2010 21:00	11311	7.921	138.1	4.462	9.95	2.983	125.2	13.31	4.578	56.7	52.07	33.5	35.31	0	0	26.45	4.741	-0.005	12.88
11/5/2010 22:00	11312	7.954	137.8	7.073	9.95	3.283	133.2	14.45	4.578	54.34	50.99	36.09	36.66	0	0	26.43	4.735	-0.006	12.36
11/5/2010 23:00	11313	7.826	144	6.362	13.52	3.281	137.7	14.5	6.368	52.05	48.96	38.93	39.38	0	0	26.43	4.729	-0.006	14.45
11/6/2010 0:00	11314	5.366	158.1	11.42	9.95	1.444	159.2	16.01	4.578	49.53	46.74	41.67	41.92	0	0	26.43	4.726	-0.003	12.27
11/6/2010 1:00	11315	1.721	173.9	12.21	4.578	0.045	221.9	4.955	2.789	47.09	44.72	44.21	44.39	0	0	26.42	4.724	-0.002	12.4
11/6/2010 2:00	11316	3.88	196.2	9.41	6.368	0.798	218.3	10.49	4.578	47.47	44.63	42.79	43.45	0	0	26.41	4.724	0	12.18
11/6/2010 3:00	11317	4.825	183.8	7.963	8.16	1.703	182.3	11.2	6.368	46.7	43.97	42.7	42.97	0	0	26.4	4.721	-0.003	12.78
11/6/2010 4:00	11318	5.585	189.9	6.372	8.16	1.938	194.6	9.73	4.578	46.54	43.14	42.1	43.3	0	0	26.39	4.718	-0.003	12.23
11/6/2010 5:00	11319	3.893	185.8	4.97	6.368	0.415	185.8	5.492	2.789	44.63	41.34	44.44	45.59	0	0	26.39	4.715	-0.003	12.33
11/6/2010 6:00	11320	1.548	196.6	10.5	4.578	0.261	34.2	0.127	2.789	43.14	40.38	46.2	47.56	0	0	26.38	4.712	-0.003	12.21
11/6/2010 7:00	11321	2.687	200.4	8.26	6.368	0.084	359.7	9.49	2.789	43.57	39.88	45.16	48.05	0	0	26.39	4.712	0	12.4
11/6/2010 8:00	11322	3.165	218.9	10.85	4.578	0.296	308.8	8.48	2.789	42.95	39.53	45.79	48.09	0	0.052	26.39	4.709	-0.003	12.52
11/6/2010 9:00	11323	3.151	236.8	9.9	6.368	0.762	292.8	11.97	2.789	44.07	40.91	44.87	45.88	0	34.97	26.41	4.709	0	12.37
11/6/2010 10:00	11324	4.228	205.7	16.46	9.95	3.167	215.5	18.99	8.16	50.02	50.63	39.05	35.03	0	220.6	26.47	4.704	-0.005	12.25
11/6/2010 11:00	11325	8.2	200.4	10.84	11.74	6.159	210.3	15.14	9.95	57.55	58.94	32.59	28.37	0	413.8	26.54	4.699	-0.005	12.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/6/2010 12:00	11326	8.16	194.4	13.68	13.52	5.999	203.5	18.3	11.74	64.64	66.53	26.71	22.52	0	560.3	26.6	4.691	-0.008	13.02
11/6/2010 13:00	11327	11.53	201.7	14.16	18.89	8.17	209.2	18.33	13.52	69.63	71.81	20.78	16.69	0	658.9	26.63	4.681	-0.01	12.92
11/6/2010 14:00	11328	10.91	201.7	16.91	18.89	7.769	208.2	20.05	15.31	71.87	74.29	18.55	14.38	0	700.3	26.63	4.671	-0.01	14.38
11/6/2010 15:00	11329	10.46	192.4	17.9	18.89	7.437	200.2	21.12	13.52	73.81	76.23	16.59	12.46	0	677.4	26.61	4.655	-0.016	13.15
11/6/2010 16:00	11330	10.84	178.3	17.65	18.89	7.461	185.5	22.25	13.52	74.96	77.32	15.72	11.66	0	592	26.61	4.633	-0.022	13.2
11/6/2010 17:00	11331	12.3	172.2	13.27	18.89	8.1	179	19.75	15.31	75.22	77.2	13.65	9.83	0	451.6	26.6	4.611	-0.022	13.35
11/6/2010 18:00	11332	11.6	172.2	11.83	18.89	7.291	178.6	18.53	13.52	74.9	76.25	13.5	10	0	269.8	26.58	4.589	-0.022	13.09
11/6/2010 19:00	11333	9.43	169.3	10.73	17.1	5.095	173.3	18.37	11.74	71.42	70.83	16.06	13.61	0	69.66	26.57	4.561	-0.028	13.11
11/6/2010 20:00	11334	8.33	145.7	5.932	11.74	3.235	136.9	12.43	6.368	63.55	59.16	22.63	22.94	0	0.371	26.54	4.556	-0.005	12.77
11/6/2010 21:00	11335	8.36	138.2	6.329	11.74	4.139	139.4	14.72	6.368	57.33	54.93	30.86	29.68	0	0	26.51	4.547	-0.009	12.39
11/6/2010 22:00	11336	8.57	143.6	7.572	13.52	4.404	146.6	14.74	8.16	55.41	53.45	34.64	33.28	0	0	26.49	4.536	-0.012	12.52
11/6/2010 23:00	11337	7.656	146.8	8.31	11.74	3.768	150.1	15.69	8.16	52.35	50.59	38.01	36.64	0	0	26.49	4.529	-0.006	12.13
11/7/2010 0:00	11338	5.998	160.6	15.37	9.95	2.364	165.2	23.4	4.578	50.36	47.71	38.86	38.68	0	0	26.48	4.526	-0.003	12.31
11/7/2010 1:00	11339	6.184	167.9	10.88	13.52	2.439	178.3	19.23	4.578	49.56	46.55	37.92	38.26	0	0	26.47	4.523	-0.003	12.12
11/7/2010 2:00	11340	5.918	172.9	11.05	9.95	2.441	184.5	17.85	4.578	48.22	45.41	37.96	38.08	0	0	26.46	4.521	-0.002	12.22
11/7/2010 3:00	11341	5.968	168.8	8.35	8.16	2.101	175.6	14.24	4.578	46.6	43.47	38.91	39.48	0	0	26.44	4.518	-0.003	12.36
11/7/2010 4:00	11342	4.646	177.3	13.02	9.95	1.426	195.7	18.62	4.578	45.29	42.57	39.75	39.83	0	0	26.43	4.515	-0.003	12.25
11/7/2010 5:00	11343	3.55	192.6	12.92	6.368	0.756	231.5	15.19	2.789	44.37	41.8	40.67	40.76	0	0	26.42	4.512	-0.003	12.38
11/7/2010 6:00	11344	3.587	184.4	12.66	6.368	0.893	212.9	11.28	4.578	43.27	41.04	42.26	41.76	0	0	26.41	4.512	0	12.22
11/7/2010 7:00	11345	4.331	184.6	10.97	8.16	0.808	194.4	13.74	4.578	43.24	39.75	42.3	43.71	0	0	26.41	4.509	-0.003	12.88
11/7/2010 8:00	11346	3.907	214.9	21.99	6.368	1.005	271	22.27	2.789	42.71	38.91	42.61	44.78	0	0.042	26.4	4.509	0	12.58
11/7/2010 9:00	11347	2.882	228	24.53	6.368	1.011	294.7	11.58	4.578	43.27	40.17	42.38	43.08	0	34.71	26.41	4.499	-0.01	12.95
11/7/2010 10:00	11348	5.944	214.1	30.14	15.31	4.348	220.5	29.54	11.74	48.61	49.16	36.86	32.94	0	223.1	26.46	4.498	-0.001	12.85
11/7/2010 11:00	11349	9.51	193.6	12.86	15.31	6.697	202.2	17.21	11.74	56.46	58.02	29.98	25.73	0	418.7	26.53	4.49	-0.008	14.77
11/7/2010 12:00	11350	9.33	183.1	21.1	15.31	6.505	190.6	25.35	11.74	61.91	64.08	26.2	21.76	0	569	26.58	4.482	-0.008	13.05
11/7/2010 13:00	11351	11.21	179.6	13.24	18.89	7.732	187.7	18.95	13.52	67.18	69.8	22.36	17.89	0	675.6	26.59	4.472	-0.01	13.1
11/7/2010 14:00	11352	11.56	190	14.88	18.89	8.05	197.3	18.8	13.52	71.34	73.97	19.14	14.83	0	688.3	26.58	4.462	-0.01	13.06
11/7/2010 15:00	11353	12.04	189.9	15.41	20.68	8.38	197.3	20.17	17.1	73.89	76.47	16.25	12.08	0	670.5	26.56	4.443	-0.019	14.84
11/7/2010 16:00	11354	13.79	188.5	15.08	22.47	9.32	195.7	19.53	18.89	75.32	77.51	14.01	10.05	0	571.3	26.54	4.427	-0.016	13.25
11/7/2010 17:00	11355	13.63	187.1	11.51	22.47	8.94	194	16.51	17.1	74.74	75.85	14.51	11.02	0	305.2	26.51	4.402	-0.025	13.27
11/7/2010 18:00	11356	13.03	180.7	12	20.68	8.44	188.3	17.58	15.31	75.27	76.28	14.52	11.11	0	259.5	26.49	4.38	-0.022	13.18
11/7/2010 19:00	11357	10.19	169.9	9.73	18.89	5.708	175.5	16.95	15.31	71.73	70.99	18.05	15.57	0	49.17	26.47	4.368	-0.013	15.17
11/7/2010 20:00	11358	8.63	149.9	7.288	13.52	4.061	150.6	13.63	8.16	63.87	61.28	26.23	25.22	0	0.55	26.43	4.36	-0.008	12.97
11/7/2010 21:00	11359	10.33	139.5	8.34	17.1	5.714	142.9	15.82	11.74	59.91	58.53	29.04	27.05	0	0	26.4	4.347	-0.012	14.97
11/7/2010 22:00	11360	11.99	157.3	10.46	20.68	6.938	164.1	17.09	15.31	58.45	57.43	30.38	28	0	0	26.37	4.338	-0.009	12.89
11/7/2010 23:00	11361	11.05	172.5	10.83	20.68	6.541	180.8	16.84	15.31	57.22	56.37	38.27	35.75	0	0	26.37	4.332	-0.006	13.02
11/8/2010 0:00	11362	9.27	175.8	9.1	13.52	5.241	182.8	15.93	11.74	54.53	53.37	46.24	44.15	0	0	26.36	4.326	-0.006	12.41
11/8/2010 1:00	11363	7.1	179.1	9.32	18.89	3.715	189.2	15.36	9.95	51.96	50.57	51.16	49.6	0	0	26.34	4.323	-0.003	12.74
11/8/2010 1:00	11364	4.96	182.8	7.109	11.74	2.063	194.3	10.19	4.578	49.33	46.98	54.84	54.58	0	0	26.32	4.32	-0.003	12.88
11/8/2010 2:00	11365	4.872	189.9	6.321	8.16	1.472	200.8	8.2	4.578	47.37	44.23	58.46	59.35	0	0	26.29	4.321	0.001	12.7
11/8/2010 3:00	11366	4.709	200.3	7.556	8.16	1.345	226.9	15.91	4.578	46.25	42.89	61.24	62.37	0	0	26.26	4.315	-0.006	12.74
11/8/2010 4:00	11367	5.405	206.8	7.872	8.16	2.066	231.3	13.21	4.578	44.85	41.76	63.98	64.75	0	0	26.24	4.315	0	12.83
11/8/2010 5:00	11368	5.151	203.6	11.68	9.95	1.975	216.7	17.55	4.578	43.99	41.46	66.09	66.2	0	0	26.23	4.312	-0.003	13.73
11/8/2010 6:00	11369	3.835	201.8	8.75	6.368	0.902	216.3	11.64	4.578	43.32	40.92	67.71	67.8	0	0	26.22	4.312	0	12.2
11/8/2010 7:00	11370	2.727	230.9	14.98	4.578	0.844	300.1	12.71	2.789	42.45	39.8	69.29	69.12	0	0.027	26.22	7.64	3.328	12.55

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/8/2010 8:00	11371	3.843	217.4	12.94	6.368	0.83	255.5	15.46	2.789	43.37	40.38	68.57	68.56	0	25.58	26.22	2.754	-4.886	14.82
11/8/2010 9:00	11372	6.895	198.5	12.21	15.31	4.562	208.8	16.35	11.74	48.69	49.15	61.06	56.56	0	210.3	26.25	4.051	1.297	13.2
11/8/2010 10:00	11373	9.63	196.9	11.47	15.31	6.824	205.4	15.74	11.74	56.79	58.34	45.13	40.44	0	411.9	26.32	9.44	5.386	12.98
11/8/2010 11:00	11374	10.54	205	11.59	17.1	7.356	211.9	15.7	15.31	63.19	65.23	31.77	27.33	0	557.2	26.37	9.43	-0.003	13.01
11/8/2010 12:00	11375	12.13	209.6	12.48	20.68	8.49	214.6	16.53	17.1	68.29	70.58	23.92	19.69	0	644.9	26.39	9.44	0.002	12.99
11/8/2010 13:00	11376	12.29	214.4	13.88	20.68	8.71	220.8	16.65	17.1	72.33	74.57	19.82	15.73	0	696.9	26.38	9.43	-0.001	14.52
11/8/2010 14:00	11377	13.06	210.4	12.79	22.47	8.91	216.7	16.24	17.1	75.79	78.1	16.44	12.43	0	677.7	26.35	9.43	0	13.05
11/8/2010 15:00	11378	15.42	195.2	13.22	24.26	10.35	202.3	17.1	18.89	78.16	80.2	12.99	9.19	0	555.4	26.33	9.43	0	13
11/8/2010 16:00	11379	14.42	196.5	13.29	26.05	9.72	203.8	17.13	20.68	78.09	79.35	12.05	8.53	0	379.1	26.31	9.43	0	13.01
11/8/2010 17:00	11380	14.43	184.2	11.99	24.26	9.22	191.3	17.59	17.1	78.38	79.44	11.96	8.6	0	275	26.28	9.43	0	13.09
11/8/2010 18:00	11381	12.48	170.3	17.66	26.05	7.283	176.7	22.14	17.1	74.03	73.58	17.1	14.44	0	53.49	26.26	9.43	-0.008	13.01
11/8/2010 19:00	11382	9.21	142.8	7.159	13.52	4.178	141.4	15.26	9.95	64.9	61.88	24.53	23.83	0	0.275	26.22	9.42	-0.01	12.96
11/8/2010 20:00	11383	10.94	142.2	7.585	15.31	6.024	145.9	14.73	11.74	60.63	59.1	33.11	31.16	0	0	26.18	9.41	-0.009	13.22
11/8/2010 21:00	11384	13.23	154.5	9.08	20.68	7.603	160.3	16.08	15.31	60.39	59.34	37.51	35.3	0	0	26.16	9.4	-0.011	12.98
11/8/2010 22:00	11385	9.2	182.6	13.59	17.1	5.407	192.8	18.2	11.74	58.4	57.22	46.27	44.33	0	0	26.17	9.38	-0.013	13.17
11/8/2010 23:00	11386	8.83	171.6	9.29	15.31	5.028	181.4	15.68	11.74	56.01	54.84	53	51.21	0	0	26.15	9.37	-0.009	12.77
11/9/2010 0:00	11387	7.482	177.8	8.92	13.52	4.037	187.3	15.32	8.16	54.16	52.79	58.03	56.53	0	0	26.13	9.37	-0.006	12.22
11/9/2010 1:00	11388	7.729	178.1	9.28	18.89	4.204	186.2	15.03	9.95	54.06	52.76	59.54	58.1	0	0	26.12	9.36	-0.006	13.21
11/9/2010 2:00	11389	6.647	184.7	7.669	9.95	3.454	192.3	13.38	6.368	52.6	50.83	62.17	61.46	0	0	26.1	9.36	-0.003	12.83
11/9/2010 3:00	11390	6.41	201.9	11.82	9.95	3.04	212.8	16.48	6.368	50.24	47.9	66.32	66.35	0	0	26.08	9.35	-0.006	12.73
11/9/2010 4:00	11391	5.392	182.3	15.36	8.16	2.129	194.1	24.29	4.578	46.76	44.35	72.22	71.98	0	0	26.06	9.35	-0.002	12.59
11/9/2010 5:00	11392	4.953	204.1	12.5	8.16	1.64	223.7	16.07	4.578	46.21	43.41	74.38	74.69	0	0	26.05	9.35	-0.001	12.57
11/9/2010 6:00	11393	4.233	196.8	10.84	8.16	0.907	206.5	17.06	6.368	45.39	42.03	77.02	77.73	0	0	26.05	9.35	-0.003	13.64
11/9/2010 7:00	11394	4.07	215.4	14.82	6.368	0.568	255.6	12.56	4.578	44.01	41.03	80.2	80.4	0	0.002	26.05	9.35	0	14.61
11/9/2010 8:00	11395	3.095	231.4	14.46	4.578	0.573	275.6	20.59	4.578	43.62	41.48	80.8	79.44	0	32.31	26.06	9.34	-0.003	12.68
11/9/2010 9:00	11396	4.959	209.7	14.57	11.74	3.463	216.3	16.98	8.16	48.96	49.47	70.77	65.93	0	215.7	26.1	9.34	-0.006	12.77
11/9/2010 10:00	11397	11.04	205.1	9.55	18.89	7.675	212.3	14.41	15.31	57.69	59.11	45.99	41.65	0	404.6	26.18	9.33	-0.003	12.89
11/9/2010 11:00	11398	13.58	211.6	11.38	20.68	9.24	217.4	15.15	17.1	64.39	66.23	30.11	26.08	0	557.5	26.23	9.33	-0.009	12.86
11/9/2010 12:00	11399	14.91	220.8	13.55	26.05	10.2	225	16.89	20.68	69.79	71.62	19.94	16.25	0	620.6	26.24	9.32	-0.01	12.77
11/9/2010 13:00	11400	16.47	233.8	14.46	33.21	11.25	238.6	18.6	22.47	72.29	74.05	15.3	11.65	0	690.7	26.23	9.3	-0.014	12.96
11/9/2010 14:00	11401	20.1	233.4	12.99	31.42	13.54	237.6	16.63	26.05	73.83	75.47	14.37	10.69	0	655	26.2	9.27	-0.029	12.7
11/9/2010 15:00	11402	19.74	233	12.79	34.99	13.31	237.2	16.7	26.05	73.86	75.27	14.56	10.92	0	570	26.18	9.25	-0.019	12.85
11/9/2010 16:00	11403	19.92	231.1	12.12	36.78	13.5	235	16.04	27.84	73.64	74.7	14.57	11.05	0	429.4	26.18	9.23	-0.022	12.98
11/9/2010 17:00	11404	20.62	228.1	10.83	33.21	13.77	232.3	15.04	24.26	72.86	73.42	14.11	10.8	0	241.8	26.17	9.2	-0.028	12.88
11/9/2010 18:00	11405	16.4	229.1	8.9	26.05	11.13	233.2	13.45	22.47	70.07	69.93	16.34	13.35	0	51.49	26.17	9.18	-0.025	13.1
11/9/2010 19:00	11406	10.13	239	8.98	18.89	6.237	243.4	14.02	13.52	65.02	64.14	20.62	18.16	0	0.274	26.16	9.17	-0.013	12.89
11/9/2010 20:00	11407	9.65	262.8	10.65	17.1	6.173	266.6	13.54	11.74	61.64	60.65	24.51	22.14	0	0	26.15	9.16	-0.009	12.72
11/9/2010 21:00	11408	3.823	270.4	27.03	6.368	1.107	201.9	36.58	4.578	57	53.47	29.21	29.51	0	0	26.14	9.15	-0.005	12.79
11/9/2010 22:00	11409	4.693	303.7	7.002	8.16	1.856	320.6	19.35	4.578	55.89	51.77	30.82	31.98	0	0	26.13	9.14	-0.008	12.77
11/9/2010 23:00	11410	5.206	305.7	10.12	11.74	1.657	308.7	37.7	6.368	54.25	48.66	33.06	35.66	0	0	26.13	9.14	-0.003	12.82
11/10/2010 0:00	11411	10.42	316.3	5.576	15.31	6.675	324.6	8.75	9.95	54.29	51.81	33.2	32.82	0	0	26.13	9.13	-0.01	12.88
11/10/2010 1:00	11412	11.62	309.9	11.92	20.68	8.45	315.6	12.98	15.31	53.69	52.86	36.47	34.18	0	0	26.14	9.13	-0.006	12.27
11/10/2010 2:00	11413	8.51	345.7	29.94	17.1	6.029	346.9	31.95	15.31	52.66	52	34.27	31.97	0	0	26.16	9.12	-0.003	12.1
11/10/2010 3:00	11414	5.65	67.84	16.87	9.95	3.065	76.19	20	8.16	46.56	44.3	42.61	42.23	0	0	26.17	9.12	-0.006	12.33
11/10/2010 4:00	11415	3.914	17.58	41.72	8.16	2.093	357.7	53.02	6.368	43.8	40.88	45.05	45.94	0	0	26.16	9.11	-0.003	12.12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/10/2010 5:00	11416	3.091	3.316	38.57	6.368	1.29	18.08	47.75	4.578	42.07	38.06	44.7	47.74	0	0	26.16	9.11	-0.006	12.24
11/10/2010 6:00	11417	3.102	42.78	26.46	8.16	1.741	70.34	42.36	4.578	41.35	36.19	43.61	48.75	0	0	26.16	9.1	-0.003	14.86
11/10/2010 7:00	11418	5.053	359.8	48.91	9.95	3.086	25.25	70.94	6.368	41.71	37.69	39.04	43.5	0	0.011	26.17	9.1	-0.003	12.3
11/10/2010 8:00	11419	3.012	7.233	45.89	9.95	2.06	57.59	82.8	4.578	42.63	37.8	36.13	40.16	0	28.8	26.19	9.1	-0.003	12.39
11/10/2010 9:00	11420	3.703	25.89	45.22	9.95	2.409	31.49	49.98	8.16	48.94	49.03	31.16	28.39	0	208.2	26.23	9.09	-0.009	12.92
11/10/2010 10:00	11421	7.083	40.2	18.47	11.74	4.285	40.3	19.98	9.95	55.58	56.82	25.33	21.75	0	403.3	26.32	9.08	-0.007	12.51
11/10/2010 11:00	11422	3.819	51.41	27.94	9.95	2.87	50.18	36.89	8.16	60.83	62.46	20.56	16.91	0	555	26.38	9.07	-0.009	12.19
11/10/2010 12:00	11423	5.507	184.7	80.2	17.1	4.225	209.6	79.84	13.52	64.91	66.74	19.21	15.3	0	651.2	26.41	9.07	-0.005	12.29
11/10/2010 13:00	11424	10.09	195.5	22.87	18.89	7.026	201.7	27.04	15.31	65.79	68.47	21.18	16.59	0	695	26.4	9.06	-0.009	12.25
11/10/2010 14:00	11425	10.35	201.3	23.33	18.89	7.333	207	27.06	13.52	66.72	69.22	20.62	16.1	0	670.1	26.37	9.04	-0.013	13.25
11/10/2010 15:00	11426	10.66	202.4	23.08	26.05	7.456	207.6	26.27	20.68	67.49	69.73	19.19	14.89	0	585.2	26.35	9.03	-0.016	12.2
11/10/2010 16:00	11427	9.19	209.5	18.11	18.89	6.323	215.6	23.04	15.31	68.08	69.84	19.23	15.08	0	440.3	26.34	9.01	-0.018	12.15
11/10/2010 17:00	11428	10.81	204.8	14.71	18.89	7.234	210.2	17.59	13.52	67.87	69.11	20.71	16.93	0	256.9	26.33	9	-0.016	15
11/10/2010 18:00	11429	7.791	179.7	15.26	13.52	4.308	181.7	22.79	9.95	65.04	64.34	23.04	20.82	0	60.14	26.31	8.98	-0.018	12.13
11/10/2010 19:00	11430	7.298	122.9	10.09	9.95	3.189	96.3	14.72	4.578	59.11	54.24	27.29	28.71	0	0.272	26.27	8.97	-0.011	12.27
11/10/2010 20:00	11431	8.64	118.1	4.206	9.95	3.624	107.7	16.05	6.368	56.54	51.75	30.3	31.76	0	0	26.25	8.96	-0.004	12.3
11/10/2010 21:00	11432	8.31	119.2	9.44	11.74	3.676	106.8	21.28	8.16	54.53	50.29	34.03	35	0	0	26.23	8.96	-0.006	14.66
11/10/2010 22:00	11433	9.55	135.4	6.371	13.52	4.836	139.9	14.78	8.16	53.66	51.54	38.17	37.26	0	0	26.24	8.95	-0.01	12.08
11/10/2010 23:00	11434	9.11	137.2	6.077	13.52	4.416	142	13.54	8.16	52.45	50.12	40.21	39.75	0	0	26.24	8.93	-0.013	12.68
11/11/2010 0:00	11435	9.52	136.6	6.633	13.52	4.962	142.5	14.25	9.95	53.24	51.17	39.33	38.56	0	0	26.23	8.93	-0.01	12.25
11/11/2010 1:00	11436	7.96	140.1	8.03	15.31	3.727	144.2	15.62	11.74	51.14	49.09	42.1	41.37	0	0	26.23	8.92	-0.003	12.14
11/11/2010 2:00	11437	6.628	130.9	11.62	9.95	2.638	122.6	23.61	6.368	51.19	48.18	49.06	48.73	0	0	26.22	8.92	-0.003	12.14
11/11/2010 3:00	11438	4.269	114.6	13.91	8.16	1.909	73.79	11.37	4.578	49.68	47.26	64.43	63.13	0	0	26.21	8.92	-0.003	12.33
11/11/2010 4:00	11439	4.474	91.6	10.18	6.368	2.581	68.84	9.9	4.578	48.76	46.81	73.01	71.03	0	0	26.2	8.92	0	12.07
11/11/2010 5:00	11440	3.865	110.5	9.2	6.368	1.865	70.15	10.04	4.578	48.34	46.41	85	81.5	0	0	26.2	8.92	0	12.12
11/11/2010 6:00	11441	6.024	110.4	18.28	8.16	2.553	88.7	18.98	6.368	48.8	45.91	85.9	84.4	0	0	26.21	8.92	0	12.09
11/11/2010 7:00	11442	5.594	44.62	17.89	9.95	2.951	42.12	24.25	8.16	44.91	43.85	85.9	82.2	0	0.005	26.22	8.91	-0.003	12.14
11/11/2010 8:00	11443	3.686	40.23	16.45	6.368	1.878	62.35	29.22	4.578	44.23	41.33	82.4	79.41	0	27.33	26.24	8.92	0.002	12.29
11/11/2010 9:00	11444	4.725	100.6	45.13	9.95	3.271	103.3	50.95	8.16	49.37	49.78	76.24	71.02	0	191	26.27	8.91	-0.006	12.54
11/11/2010 10:00	11445	9.48	189.7	13.16	17.1	6.485	198	19.09	13.52	57.82	59.43	72.09	65.49	0	375.2	26.35	8.9	-0.006	12.53
11/11/2010 11:00	11446	11.99	199.9	12.4	20.68	8.28	205.8	16.66	15.31	63.11	65.2	61.87	55.41	0	522.4	26.42	8.9	-0.003	14.59
11/11/2010 12:00	11447	11.2	204.8	19.41	20.68	7.693	210.7	22.15	15.31	67.78	70.16	45.53	39.94	0	619	26.44	8.9	-0.004	12.37
11/11/2010 13:00	11448	9.16	199.2	22.83	15.31	6.566	204.6	25.81	13.52	70.6	73	35.63	30.64	0	659.2	26.45	8.89	-0.004	12.8
11/11/2010 14:00	11449	9.85	186.6	25.94	18.89	6.971	194.2	31.1	13.52	72.25	74.86	32.45	27.41	0	635.9	26.44	8.88	-0.01	12.8
11/11/2010 15:00	11450	11.04	184.6	19.75	18.89	7.523	191.3	23.23	13.52	72.78	75.24	34.32	29.26	0	552	26.43	8.87	-0.016	12.64
11/11/2010 16:00	11451	10.35	172.3	25.38	18.89	6.924	179.9	28.86	15.31	73.48	75.48	32.21	27.65	0	413.5	26.42	8.85	-0.016	12.42
11/11/2010 17:00	11452	10.34	168.1	15.49	18.89	6.684	174.9	20.53	15.31	72.38	73.8	36.72	32.55	0	232.6	26.41	8.84	-0.015	12.29
11/11/2010 18:00	11453	8.54	154.4	13.25	13.52	4.844	160.5	18.8	9.95	69.14	68.93	44.46	41.75	0	50.85	26.39	8.81	-0.022	12.81
11/11/2010 19:00	11454	8.03	135	5.874	11.74	3.847	136	14.49	8.16	62.9	60.9	56.91	56.1	0	0.234	26.36	8.8	-0.013	12.62
11/11/2010 20:00	11455	8.6	130.8	8.94	11.74	4.599	133.4	16.24	8.16	59.52	58.16	70.13	68.35	0	0	26.35	8.8	-0.006	12.34
11/11/2010 21:00	11456	7.637	128.7	9.03	11.74	3.916	130.4	17.89	6.368	57	55.7	76.64	74.63	0	0	26.33	8.79	-0.005	12.22
11/11/2010 22:00	11457	7.978	131.2	6.514	11.74	3.937	131.5	15.35	8.16	56.34	55	79.91	77.9	0	0	26.33	8.78	-0.006	12.18
11/11/2010 23:00	11458	7.329	115.2	9.48	17.1	3.579	112.8	17.62	8.16	56.83	55.03	79.93	78.97	0	0	26.33	8.78	-0.002	12.46
11/12/2010 0:00	11459	6.387	95.6	10.02	9.95	3.248	92.1	17.89	8.16	56.26	54.34	80.4	79.34	0	0	26.31	8.78	-0.003	12.41
11/12/2010 1:00	11460	6.206	81.3	9.46	9.95	3.081	78.91	14.98	6.368	56.1	53.6	80.5	80.2	0	0	26.3	8.78	-0.003	12.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/12/2010 2:00	11461	7.704	80.8	6.974	11.74	3.896	84.8	16.78	6.368	54.03	52.43	83.5	81.7	0	0	26.28	8.77	-0.003	12.21
11/12/2010 3:00	11462	6.852	61.89	19.24	11.74	3.254	66.26	23.87	8.16	52.77	51.55	85.1	82.6	0	0	26.28	8.77	0	12.87
11/12/2010 4:00	11463	5.042	26.06	16.04	8.16	2.234	29.33	21.47	6.368	53.86	53.49	83.9	80.4	0	0	26.28	8.77	-0.003	12.34
11/12/2010 5:00	11464	17.22	335.6	21.5	36.78	12.54	338.8	20.99	29.63	52.43	52.64	68.06	64.65	0	0	26.32	8.76	-0.01	12.58
11/12/2010 6:00	11465	24.89	7.436	11.43	40.36	15.05	7.583	19.49	29.63	46.18	46.55	70.77	66.59	0	0	26.35	8.75	-0.006	12.17
11/12/2010 7:00	11466	24.24	4.499	10.75	40.36	15.15	4.234	18.94	29.63	43.7	43.99	73.66	69.09	0	0.008	26.37	8.75	-0.006	12.25
11/12/2010 8:00	11467	18.92	355.2	10.93	33.21	13.17	355.4	14.91	29.63	41.96	42.2	74.81	70.17	0	25.14	26.41	8.74	-0.004	12.8
11/12/2010 9:00	11468	21.4	13.84	15.78	34.99	11.85	17.79	21.69	26.05	42.72	43.37	71.63	66.4	0	194.9	26.44	8.74	-0.005	13.24
11/12/2010 10:00	11469	20.05	4.867	11.31	31.42	13.33	6.977	16.69	26.05	45.39	46.3	66.3	61.11	0	368	26.5	8.73	-0.01	12.73
11/12/2010 11:00	11470	18.7	2.192	12.94	27.84	12.73	4.567	17.62	22.47	47.72	49.04	62.42	56.81	0	542.9	26.55	8.72	-0.011	12.26
11/12/2010 12:00	11471	16.94	0.412	13.17	27.84	11.83	3.09	17.63	22.47	48.08	49.77	61.65	55.38	0	646.4	26.59	8.71	-0.008	12.25
11/12/2010 13:00	11472	14.37	3.04	15.19	22.47	9.71	5.804	19.69	20.68	49.08	51.08	59.8	53.13	0	696.2	26.61	8.7	-0.006	12.45
11/12/2010 14:00	11473	13.16	351.8	16.47	20.68	9.85	354.2	19.38	18.89	50.43	52.34	56.88	50.47	0	623.8	26.61	8.69	-0.013	12.27
11/12/2010 15:00	11474	13.55	341	14.27	24.26	10.44	344.9	16.94	20.68	50.99	52.9	55.03	48.71	0	569.7	26.6	8.68	-0.01	14.49
11/12/2010 16:00	11475	12.21	353	15.28	20.68	8.71	356.7	18.93	17.1	51.05	52.96	53.56	47.3	0	440.2	26.6	8.67	-0.013	12.56
11/12/2010 17:00	11476	11.41	347.7	17.32	18.89	8.52	349.4	19.84	15.31	51.07	52.34	52.08	46.78	0	259.9	26.59	8.66	-0.01	12.86
11/12/2010 18:00	11477	9.46	3.984	12.7	17.1	6.532	5.316	17.36	13.52	49.42	49.68	53.38	49.54	0	53.34	26.57	8.65	-0.011	12.55
11/12/2010 19:00	11478	6.055	37.99	11.73	11.74	3.31	50.87	17.47	6.368	45.07	44.33	59.07	56.36	0	0.215	26.54	8.64	-0.008	12.7
11/12/2010 20:00	11479	5.827	60.56	9.46	9.95	3.035	68.92	13.97	6.368	40.7	38.76	65.69	64.1	0	0	26.52	8.64	-0.004	12.24
11/12/2010 21:00	11480	5.614	68.48	14.91	9.95	2.717	79.31	20.47	6.368	38.41	36.79	69.97	68.09	0	0	26.51	8.63	-0.006	12.53
11/12/2010 22:00	11481	5.572	72.57	12.15	9.95	2.591	80.5	25.5	6.368	37.38	34.82	72.69	72.05	0	0	26.5	8.63	-0.003	12.76
11/12/2010 23:00	11482	7.421	78.21	6.711	9.95	3.667	77.46	14.64	6.368	37.03	35.21	73.68	72.24	0	0	26.49	8.62	-0.003	12.29
11/13/2010 0:00	11483	5.541	73.36	13.25	9.95	2.695	70.61	15.38	4.578	35.7	34.16	75.92	73.77	0	0	26.49	8.62	-0.005	12.7
11/13/2010 1:00	11484	7.061	48.07	8.42	13.52	3.447	54.62	14.05	8.16	35.56	33.67	76.2	74.47	0	0	26.48	8.62	0.001	12.39
11/13/2010 2:00	11485	7.349	47.74	8.4	9.95	3.7	54.23	14	8.16	35.89	34	75.16	73.68	0	0	26.47	8.62	-0.003	12.62
11/13/2010 3:00	11486	6.961	35.18	11.72	9.95	3.309	40.63	15.47	6.368	35.13	34.03	75.32	72.79	0	0	26.47	8.61	-0.003	12.47
11/13/2010 4:00	11487	7.167	20.31	10.27	11.74	3.647	25.82	19.05	8.16	35.28	34.87	75.03	71.52	0	0	26.46	8.61	-0.001	12.19
11/13/2010 5:00	11488	6.656	34.52	9.92	11.74	3.271	43.39	14.02	8.16	34.38	33.6	75.73	72.57	0	0	26.46	8.61	-0.003	12.28
11/13/2010 6:00	11489	4.642	327.8	57.46	11.74	2.504	288.2	58.44	8.16	31.02	29.35	78.22	75.22	0	0	26.47	8.61	-0.002	12.54
11/13/2010 7:00	11490	3.728	321.2	11.6	8.16	1.059	314.3	27.43	4.578	29.38	27.5	82.3	78.47	0	0	26.46	8.61	0.003	12.1
11/13/2010 8:00	11491	1.605	327.3	12.26	4.578	0.686	133	17.44	4.578	30.96	27.17	79.9	77.49	0	28.16	26.45	8.61	-0.003	12.34
11/13/2010 9:00	11492	2.243	317.3	17.06	6.368	1.934	313.7	19.48	4.578	38.32	38.19	70.61	65.84	0	198.1	26.48	8.61	0.001	12.45
11/13/2010 10:00	11493	3.029	203.6	32.07	9.95	2.576	213.6	38.79	8.16	45.56	46.55	57.17	52.24	0	387.5	26.56	8.59	-0.014	13.24
11/13/2010 11:00	11494	6.801	159.4	21.5	13.52	5	167	28.67	13.52	48.19	50.53	46.68	41.26	0	547.1	26.62	8.59	-0.005	13
11/13/2010 12:00	11495	6.927	175.7	25.3	13.52	5.019	183	29.66	11.74	51.18	53.86	39.17	33.72	0	646.8	26.62	8.58	-0.008	12.86
11/13/2010 13:00	11496	7.711	182.7	27.27	17.1	5.613	190.4	32.49	11.74	53.66	56.13	35.07	29.94	0	686.2	26.6	8.57	-0.008	12.9
11/13/2010 14:00	11497	7.931	195.3	24.85	15.31	5.795	202.8	29.3	13.52	55.28	57.94	34.72	29.25	0	660.5	26.56	8.57	-0.007	14.59
11/13/2010 15:00	11498	7.791	187.4	33.02	15.31	5.577	193.5	35.56	11.74	56.59	58.98	34.1	28.87	0	573.4	26.54	8.56	-0.009	12.82
11/13/2010 16:00	11499	7.671	180	25.69	13.52	5.431	184.9	32.79	11.74	57.43	59.52	32.23	27.4	0	432.6	26.5	8.55	-0.012	14.83
11/13/2010 17:00	11500	7.778	192.6	15.58	13.52	5.385	199.3	19.48	9.95	57.58	59.18	30.98	26.66	0	252.9	26.47	8.54	-0.005	13.1
11/13/2010 18:00	11501	7.22	182.4	7.984	11.74	3.947	185.9	13.81	9.95	54.93	54.06	32.99	30.93	0	51.79	26.43	8.52	-0.018	13.05
11/13/2010 19:00	11502	4.98	163.7	10.32	6.368	1.92	122.3	15.6	2.789	49.38	46.16	39.11	39.37	0	0.192	26.37	8.52	-0.007	12.99
11/13/2010 20:00	11503	6.439	138.5	11.04	9.95	2.347	103.6	15.8	4.578	46.88	41.98	42.07	44.53	0	0	26.33	8.51	-0.006	12.59
11/13/2010 21:00	11504	5.882	139.8	5.013	8.16	2.153	104.3	11.45	4.578	43.47	39.42	44.8	46.7	0	0	26.3	8.51	-0.001	12.81
11/13/2010 22:00	11505	5.84	128.1	7.509	8.16	2.04	94.9	12.14	4.578	39.5	36.02	48.92	50.26	0	0	26.28	8.51	-0.003	12.61

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/13/2010 23:00	11506	5.93	130.9	8.65	8.16	1.764	101.5	15.99	4.578	38.71	35.05	48.48	50.55	0	0	26.27	8.5	-0.008	12.41
11/14/2010 0:00	11507	7.064	127.7	8.12	11.74	2.76	104.7	22.44	6.368	39.34	34.98	46.3	49.39	0	0	26.26	8.5	0	14.5
11/14/2010 1:00	11508	6.01	138.1	6.61	22.47	2.496	136.9	13.3	11.74	38.39	36.19	48.26	48.16	0	0	26.24	8.5	-0.003	12.09
11/14/2010 2:00	11509	2.161	155.3	14.54	6.368	0.335	156.5	14.02	4.578	36.18	33.91	51.79	51.8	0	0	26.22	8.49	-0.002	12.82
11/14/2010 3:00	11510	2.892	108.8	13.73	6.368	1.698	80.9	13.47	4.578	36.21	34.57	52.28	51.35	0	0	26.2	8.49	-0.003	12.48
11/14/2010 4:00	11511	5.662	110.3	7.493	8.16	2.907	79.18	10.57	4.578	36.01	32.85	51.81	53.43	0	0	26.19	8.49	-0.003	12.53
11/14/2010 5:00	11512	5.799	104.7	9.13	8.16	3.091	80.2	12.44	4.578	36.9	34.01	51.23	52.22	0	0	26.18	8.49	0	12.62
11/14/2010 6:00	11513	3.531	108.7	18.02	6.368	1.734	82.7	13.93	4.578	35.71	33.49	54.86	54.8	0	0	26.18	8.49	0	12.58
11/14/2010 7:00	11514	1.663	150.4	8.34	4.578	0.435	108.3	9.02	2.789	34.87	33.02	56.76	56.18	0	0	26.17	8.48	-0.003	12.14
11/14/2010 8:00	11515	1.285	227.5	14.59	4.578	0.315	339.2	3.813	2.789	36.52	33.39	55.05	55.73	0	22.71	26.17	8.48	0	12.69
11/14/2010 9:00	11516	4.061	224	24.05	11.74	2.462	222.2	24.12	8.16	42.42	43.02	48.19	43.73	0	191	26.22	8.48	-0.006	12.53
11/14/2010 10:00	11517	8.64	204.3	11.95	17.1	6.031	210	16.21	13.52	48.44	50.06	40.89	36.14	0	381.1	26.29	8.47	-0.011	14.01
11/14/2010 11:00	11518	8.77	200	15.55	13.52	6.127	205.3	19.74	11.74	54.03	56.21	35.52	30.58	0	533.1	26.33	8.46	-0.004	13.01
11/14/2010 12:00	11519	7.08	213.1	22.72	11.74	5.026	215.6	27.7	9.95	58.88	61.03	30.44	25.76	0	627.9	26.35	8.46	-0.006	13.15
11/14/2010 13:00	11520	7.295	207.6	25.98	17.1	5.323	210.1	31.02	9.95	62.18	64.3	26.71	22.26	0	665.4	26.34	8.45	-0.006	13.37
11/14/2010 14:00	11521	7.129	210.7	25.72	15.31	5.126	215.8	30.4	11.74	64.53	66.85	22.65	18.23	0	642	26.31	8.44	-0.011	13.11
11/14/2010 15:00	11522	8.09	197.6	25.47	15.31	5.776	202	30.14	13.52	65.58	67.81	21.4	17.05	0	559	26.28	8.43	-0.006	14.02
11/14/2010 16:00	11523	9.48	211.4	40.82	18.89	6.716	216.2	43.32	13.52	66.13	67.83	18.73	14.77	0	418.1	26.26	8.42	-0.015	13.06
11/14/2010 17:00	11524	7.55	213.4	18.34	13.52	4.958	216.7	21.62	9.95	65.3	66.14	18.96	15.49	0	187	26.23	8.41	-0.012	13.25
11/14/2010 18:00	11525	3.504	192	18.32	11.74	1.978	189.9	28.79	9.95	60.63	59.59	23.13	21.05	0	22.03	26.19	8.4	-0.01	13.07
11/14/2010 19:00	11526	2.437	129.7	20.46	6.368	1.926	77.23	18.06	4.578	58.88	55.2	24.4	25.17	0	0.087	26.15	8.39	-0.005	14.78
11/14/2010 20:00	11527	3.887	109.2	33.9	6.368	2.011	80.8	16.18	4.578	57.58	51.55	25.33	28.72	0	0	26.12	8.39	-0.005	12.64
11/14/2010 21:00	11528	3.276	117.2	16.41	4.578	2.164	71.65	11.67	4.578	54.6	51.1	27.52	28.42	0	0	26.1	8.38	-0.006	13
11/14/2010 22:00	11529	1.904	136.4	31.2	6.368	0.695	69.73	15.68	2.789	52.24	49.55	29.27	29.75	0	0	26.09	8.38	-0.003	12.68
11/14/2010 23:00	11530	6.489	20.01	13.74	11.74	3.147	26.22	22.33	8.16	48.91	48.31	35.51	33	0	0	26.08	8.37	-0.006	12.87
11/15/2010 0:00	11531	6.181	34.12	12.83	11.74	2.967	45.68	21.8	8.16	46.26	45.59	40.65	38.06	0	0	26.06	8.37	-0.003	12.91
11/15/2010 1:00	11532	4.91	48.56	28.63	9.95	2.26	70.22	32.96	4.578	44.6	42.83	43.19	42.09	0	0	26.03	8.37	-0.001	13.04
11/15/2010 2:00	11533	3.36	159.6	22.83	6.368	0.612	162.1	10.92	4.578	42.01	39.79	46.11	45.81	0	0	26.01	8.36	-0.002	14.65
11/15/2010 3:00	11534	2.28	221.7	38.74	4.578	0.547	302.4	35.22	4.578	40.46	38.42	48.61	47.72	0	0	25.98	8.36	-0.003	12.27
11/15/2010 4:00	11535	3.924	272	26.79	6.368	1.88	319.3	14.03	4.578	40.58	37.79	53.39	52.37	0	0	25.95	8.35	-0.006	12.55
11/15/2010 5:00	11536	3.908	297.9	12.71	6.368	1.648	305.9	15.17	4.578	41.86	39.27	49.86	50.95	0	0	25.94	8.35	-0.003	12.18
11/15/2010 6:00	11537	4.964	299	13.63	8.16	2.88	294.5	18.79	6.368	37.49	36.39	54.87	51.87	0	0	25.94	8.35	0	13.73
11/15/2010 7:00	11538	7.33	305.5	10.19	11.74	5.386	311.6	11.3	9.95	36.14	35.83	61.66	57.81	0	0	25.94	8.34	-0.006	12.37
11/15/2010 8:00	11539	5.842	307.1	10.32	11.74	4.125	308.4	13.74	9.95	37	36.75	64.2	60.36	0	7.089	25.95	8.34	-0.003	12.31
11/15/2010 9:00	11540	6.38	303.3	13.72	11.74	5.131	309.7	15.57	9.95	43.18	42.98	47.45	44.62	0	177.3	25.97	8.33	-0.007	12.7
11/15/2010 10:00	11541	11.35	293.2	13.82	22.47	8.09	300.2	18.2	17.1	51.3	52.11	31.93	28.37	0	375.3	26.04	8.31	-0.02	12.84
11/15/2010 11:00	11542	17.69	293.7	10.62	27.84	14.13	300.9	13.05	22.47	56.48	57.28	25.17	21.69	0	527.8	26.09	8.3	-0.017	12.7
11/15/2010 12:00	11543	21.02	295	12.1	31.42	16.58	301.2	14.81	27.84	58.48	59.59	25.32	21.52	0	624.1	26.09	8.27	-0.03	12.38
11/15/2010 13:00	11544	18.96	297.9	12.8	34.99	15.35	304.6	14.57	26.05	59.95	61.14	24.62	20.75	0	663.5	26.08	8.26	-0.01	12.55
11/15/2010 14:00	11545	20.57	302.5	12.76	36.78	16.57	309.3	14.19	29.63	60.99	62.06	23.71	19.93	0	536	26.07	8.23	-0.032	12.39
11/15/2010 15:00	11546	19.97	315.8	13.8	36.78	16.09	321.8	14.5	27.84	61.97	62.99	22.9	19.17	0	444.9	26.06	8.22	-0.007	12.93
11/15/2010 16:00	11547	16.86	322.4	14.69	29.63	13.3	327.9	16.3	24.26	62.23	62.96	22.2	18.72	0	311.4	26.06	8.2	-0.015	12.98
11/15/2010 17:00	11548	16.23	319.9	14.57	34.99	12.27	325.4	16.9	26.05	60.67	61.05	26.84	23.75	0	166.3	26.07	8.19	-0.015	12.96
11/15/2010 18:00	11549	9.89	11.93	23.62	20.68	5.448	15	27.07	17.1	58.32	58.27	25.46	22.55	0	29.81	26.08	8.18	-0.009	12.89
11/15/2010 19:00	11550	9.48	22.57	9.78	15.31	4.602	28.3	16.01	11.74	54.42	54.13	30.56	27.65	0	0.092	26.09	8.17	-0.006	12.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/15/2010 20:00	11551	7.978	37.69	9.24	15.31	3.959	42.71	13.42	8.16	50.56	49.91	38.07	35.45	0	0	26.1	8.17	-0.008	12.93
11/15/2010 21:00	11552	7.388	28.54	10.83	11.74	3.434	35.15	13.75	8.16	46.77	46.14	44.16	41.42	0	0	26.12	8.16	-0.006	13.01
11/15/2010 22:00	11553	8.54	24.04	8.38	15.31	3.815	31.03	14.05	8.16	44.87	44.28	48.44	45.67	0	0	26.13	8.15	-0.006	12.68
11/15/2010 23:00	11554	3.268	4.924	46.31	8.16	1.335	21.85	53.27	4.578	43.04	40.83	51.74	50.56	0	0	26.15	8.15	-0.001	12.7
11/16/2010 0:00	11555	4.327	1.238	43.72	11.74	2.44	18.69	51.04	8.16	39.65	35.93	57.15	57.19	0	0	26.16	8.15	-0.003	12.63
11/16/2010 1:00	11556	7.112	345.3	10.53	18.89	4.646	349.3	13.11	11.74	41.47	40.58	56.23	53.71	0	0	26.17	8.15	-0.003	12.63
11/16/2010 2:00	11557	4.863	324.4	45.79	11.74	2.898	326	47.47	9.95	40.47	39.35	59.73	57.34	0	0	26.18	8.15	0	12.62
11/16/2010 3:00	11558	9.59	329.5	7.65	17.1	6.814	331.5	10.86	13.52	40.35	39.47	53.61	51.59	0	0	26.18	8.14	-0.003	12.57
11/16/2010 4:00	11559	8.61	328.6	7.167	15.31	5.956	333.2	10.44	11.74	39.87	38.97	53.34	51.33	0	0	26.19	8.14	-0.006	12.14
11/16/2010 5:00	11560	8.96	314	12.43	13.52	6.574	317.8	13.87	11.74	36.78	36.33	57.57	54.6	0	0	26.19	8.14	-0.003	12.58
11/16/2010 6:00	11561	9.56	328.7	17.03	18.89	6.692	336.4	17.49	15.31	35.55	34.94	59.97	57.25	0	0	26.18	8.13	-0.003	12.14
11/16/2010 7:00	11562	7.938	284.2	22.31	13.52	4.838	286.6	28.5	9.95	32.29	30.91	64.43	62.05	0	0	26.19	8.13	0.001	12.39
11/16/2010 8:00	11563	6.121	311.6	14.87	9.95	2.665	310.3	30.69	6.368	33.83	31.85	62.51	61.36	0	20.68	26.18	8.13	-0.005	12.89
11/16/2010 9:00	11564	7.146	309.5	12.27	11.74	4.577	314.5	20.47	8.16	40.53	41.55	54.38	48.82	0	189.4	26.2	8.12	-0.009	12.63
11/16/2010 10:00	11565	4.898	270	17.81	8.16	3.689	277.4	22.88	8.16	47.74	48.89	44.39	39.49	0	376.4	26.28	8.11	-0.013	12.69
11/16/2010 11:00	11566	6.744	226.6	26.11	17.1	4.641	230	32.37	13.52	54.78	56.54	34.55	29.92	0	529.9	26.33	8.1	-0.003	12.86
11/16/2010 12:00	11567	15.05	236.8	16.5	24.26	8.89	240.2	25.87	18.89	57.37	59.49	31.15	26.33	0	629.5	26.34	8.09	-0.011	12.67
11/16/2010 13:00	11568	16.03	225.9	14.99	27.84	10	228.3	20.71	22.47	58.97	61.16	29.94	25.09	0	671.3	26.3	8.09	-0.006	12.61
11/16/2010 14:00	11569	17.11	228.9	13.17	27.84	10.85	230.7	20.26	24.26	59.97	61.94	27.32	22.76	0	649.3	26.27	8.08	-0.01	12.56
11/16/2010 15:00	11570	16.67	226.9	13.38	27.84	10.45	227.8	19.5	20.68	62.61	64.36	22.67	18.5	0	561.2	26.24	8.06	-0.016	12.88
11/16/2010 16:00	11571	16.67	230	12.7	27.84	10.32	230.3	20.37	20.68	64.81	66.07	18.35	14.62	0	420.8	26.21	8.04	-0.019	12.97
11/16/2010 17:00	11572	15.15	226.4	11.94	26.05	9.52	228.5	18.17	18.89	65.19	66.03	17.02	13.56	0	244.9	26.18	8.02	-0.019	13.75
11/16/2010 18:00	11573	13.13	223.5	8.45	22.47	8.47	224.8	14.35	17.1	62.79	62.35	17.08	14.3	0	47.16	26.15	8.01	-0.011	12.83
11/16/2010 19:00	11574	11.1	228.6	9.21	17.1	6.248	224.3	20.43	11.74	57.62	56.76	21.11	18.61	0	0.144	26.11	7.997	-0.015	12.7
11/16/2010 20:00	11575	10.9	224.1	10.17	17.1	6.174	220.9	18.37	11.74	55.25	54.29	25.01	22.59	0	0	26.08	7.988	-0.008	12.43
11/16/2010 21:00	11576	13.7	243.2	9.52	22.47	5.436	240.3	41.1	13.52	55.68	54.64	26.6	24.35	0	0	26.07	7.98	-0.008	12.12
11/16/2010 22:00	11577	9.62	241.9	9.13	17.1	4.008	237.9	35.13	9.95	53.51	52.59	29	26.69	0	0	26.07	7.974	-0.006	14.78
11/16/2010 23:00	11578	5.893	261.4	15.3	9.95	2.113	292.4	30.79	4.578	49.67	47.36	32.68	31.86	0	0	26.08	7.968	-0.006	12.34
11/17/2010 0:00	11579	5.909	256.7	13.8	9.95	1.927	270.4	28.95	6.368	48.21	45.55	34.34	34.07	0	0	26.07	7.964	-0.003	12.17
11/17/2010 1:00	11580	6.449	236	9.76	9.95	1.99	226.8	21.22	6.368	46.67	43.12	35.78	36.58	0	0	26.06	7.96	-0.004	12.08
11/17/2010 2:00	11581	5.116	217.6	20.07	9.95	1.367	202.9	32.21	6.368	45.82	41.52	36.51	38.33	0	0	26.06	7.958	-0.003	12.29
11/17/2010 3:00	11582	6.099	209.6	5.936	9.95	1.652	181.9	23.05	4.578	45.19	38.72	37.5	41.65	0	0	26.07	7.954	-0.003	12.24
11/17/2010 4:00	11583	6.027	264.6	36.72	9.95	1.947	309.3	30.18	4.578	44.48	37.73	39.93	44.22	0	0	26.07	7.951	-0.003	12.69
11/17/2010 5:00	11584	9.14	303.2	7.116	13.52	5.853	313.3	9.41	9.95	48.1	46.29	38.44	37.54	0	0	26.09	7.948	-0.003	12.7
11/17/2010 6:00	11585	7.496	304.2	6.771	9.95	4.092	312.9	10.01	8.16	44.65	43.24	43.3	41.87	0	0	26.14	7.945	-0.003	12.98
11/17/2010 7:00	11586	8.13	301.3	10.31	11.74	5.126	307.2	14.48	8.16	44.08	42.31	43.57	42.68	0	0	26.17	7.945	0	12.23
11/17/2010 8:00	11587	10.86	301.7	13.19	24.26	7.43	307.4	15.15	18.89	44.47	42.6	42.95	42.02	0	19.62	26.2	7.935	-0.01	12.58
11/17/2010 9:00	11588	20.44	325.9	11	33.21	16.06	331.4	12.02	27.84	53.92	53.68	26.02	23.44	0	184	26.3	7.929	-0.006	12.3
11/17/2010 10:00	11589	23.68	3.379	11.21	36.78	16.81	6.268	15.01	27.84	54.49	54.95	33.61	30.02	0	369.3	26.41	7.924	-0.006	12.21
11/17/2010 11:00	11590	23.03	2.1	9.47	34.99	16.64	5.701	13.19	29.63	54.83	55.7	33.08	29.2	0	526.6	26.48	7.914	-0.01	12.3
11/17/2010 12:00	11591	24.12	356.5	11.82	34.99	17.71	359.6	14.57	33.21	56.74	57.83	27.19	23.33	0	630.6	26.51	7.901	-0.013	12.15
11/17/2010 13:00	11592	20.67	353	12.37	33.21	15.36	356.5	15.24	27.84	58.32	59.63	25.75	21.69	0	679.2	26.53	7.884	-0.018	12.14
11/17/2010 14:00	11593	17.25	355.6	14.46	29.63	12.92	358.6	17.29	22.47	58.73	60.17	28.66	24.32	0	654.7	26.55	7.874	-0.01	12.72
11/17/2010 15:00	11594	17.31	7.094	14.32	29.63	12.33	11.12	17.49	22.47	59.04	60.28	28.38	24.22	0	564.4	26.56	7.861	-0.013	12.17
11/17/2010 16:00	11595	14.82	4.832	16.84	24.26	10.52	8.84	19.92	20.68	59.02	60.07	27.37	23.38	0	426.6	26.57	7.845	-0.016	12.5

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/17/2010 17:00	11596	13.39	2.626	11.18	20.68	9.56	6.019	13.64	18.89	58.51	59.16	27.56	23.87	0	245.7	26.58	7.831	-0.014	12.16
11/17/2010 18:00	11597	9.75	4.085	9.06	18.89	6.936	7.008	12.77	15.31	56.29	55.97	29.76	26.89	0	34.48	26.58	7.819	-0.012	12.72
11/17/2010 19:00	11598	8.54	24.38	12.38	13.52	5.117	28.41	14.7	11.74	51.06	50.81	35.77	32.62	0	0.129	26.56	7.795	-0.024	12.68
11/17/2010 20:00	11599	8.53	38.31	11.33	13.52	4.433	43.44	16.06	8.16	46.55	46.05	42.91	39.92	0	0	26.55	7.793	-0.002	12.71
11/17/2010 21:00	11600	7.419	54.79	8.84	11.74	3.981	58.01	15.65	8.16	41.28	40.32	51.7	49.12	0	0	26.55	7.786	-0.007	14.66
11/17/2010 22:00	11601	9.74	52.27	9.26	17.1	5.184	56.42	17.07	11.74	40.97	40.24	58.26	55.44	0	0	26.55	7.78	-0.006	12.7
11/17/2010 23:00	11602	7.656	59.56	11.25	13.52	4.155	65.36	19.43	9.95	38	37.3	63.9	60.89	0	0	26.55	7.777	-0.003	12.33
11/18/2010 0:00	11603	5.746	60.3	7.962	9.95	2.844	63.34	14.24	6.368	34.33	33.22	70.49	67.44	0	0	26.55	7.774	-0.003	12.15
11/18/2010 1:00	11604	5.658	63.11	9.69	11.74	2.626	64.4	18.77	6.368	34.11	31.83	72.52	70.38	0	0	26.54	7.773	-0.001	12.7
11/18/2010 2:00	11605	7.533	60.95	5.397	9.95	3.5	59.91	13.18	6.368	33.92	31.45	74.73	72.44	0	0	26.53	7.77	-0.003	12.68
11/18/2010 3:00	11606	7.128	63.93	5.966	9.95	3.469	61.35	13.36	6.368	33.71	31.25	76.33	74.22	0	0	26.51	7.77	0	12.34
11/18/2010 4:00	11607	4.812	75.05	11.57	8.16	2.307	70.52	14.86	6.368	33.19	30.44	77.8	75.55	0	0	26.51	7.767	-0.003	12.15
11/18/2010 5:00	11608	2.781	273.9	25.41	11.74	1.084	275.3	35.98	8.16	28.98	26.34	81.9	77.3	0	0	26.52	7.767	0	12.09
11/18/2010 6:00	11609	0.935	342.9	10.8	4.578	0.812	75.79	16.15	4.578	29.54	24.87	82.6	77.4	0	0	26.51	7.765	-0.002	12.26
11/18/2010 7:00	11610	0.836	344.6	12.17	4.578	0.993	47.37	38.32	4.578	29.74	24.95	80.3	76.32	0	0	26.5	7.766	0.001	12.48
11/18/2010 8:00	11611	0.112	353.8	2.827	2.789	0.402	90.9	6.95	2.789	31.17	25.45	77.92	75.7	0	21.47	26.51	7.766	0	12.3
11/18/2010 9:00	11612	1.317	215.5	10.65	8.16	0.793	210.7	9.82	6.368	36.8	35.74	69.84	65.28	0	189.6	26.55	7.765	-0.001	12.11
11/18/2010 10:00	11613	7.17	203.9	13.85	13.52	5.036	207.3	17.11	9.95	41.77	43.48	65.82	59.01	0	372.7	26.63	7.746	-0.019	12.34
11/18/2010 11:00	11614	9.71	192.7	13.96	15.31	6.676	197.8	18.24	11.74	46.81	49.14	56.52	49.74	0	533.6	26.68	7.74	-0.006	12.33
11/18/2010 12:00	11615	10.71	204.9	15.2	18.89	7.216	208.1	18.12	13.52	50.95	53.5	47.95	41.48	0	640	26.69	7.736	-0.003	12.48
11/18/2010 13:00	11616	11.5	199.5	13.98	17.1	7.82	204.5	17.27	15.31	55.05	57.83	39.67	33.67	0	679.8	26.68	7.732	-0.005	12.39
11/18/2010 14:00	11617	13	197.2	13.2	18.89	9.04	205.3	17	17.1	58.28	60.77	33.89	28.58	0	653.6	26.65	7.721	-0.01	12.38
11/18/2010 15:00	11618	13.01	195.6	13.6	20.68	9.07	202.2	17.89	17.1	60.03	62.28	30.44	25.52	0	567.3	26.62	7.705	-0.016	12.29
11/18/2010 16:00	11619	12.33	189.6	12.84	22.47	8.38	196.8	17.49	15.31	61.42	63.28	27.64	23.18	0	425.2	26.59	7.696	-0.01	12.15
11/18/2010 17:00	11620	12.39	184.9	10.71	20.68	8.21	192.1	15.57	13.52	61.45	62.64	25.15	21.38	0	247.5	26.57	7.68	-0.016	12.28
11/18/2010 18:00	11621	7.868	167.5	12.69	15.31	4.234	168.8	21.84	9.95	58.35	57.55	26.54	24.3	0	51.22	26.54	7.67	-0.01	12.29
11/18/2010 19:00	11622	6	150.8	11.76	8.16	1.955	121.7	22.12	4.578	51.11	47.04	33.66	34.47	0	0.133	26.49	7.662	-0.007	12.23
11/18/2010 20:00	11623	6.141	138.1	6.435	9.95	2.189	110	15.34	4.578	46.63	42.84	37.01	37.95	0	0	26.45	7.654	-0.009	12.24
11/18/2010 21:00	11624	4.929	144.4	10.2	8.16	0.901	130.6	14.32	2.789	43.43	40.15	40.03	40.46	0	0	26.42	7.65	-0.004	12.37
11/18/2010 22:00	11625	4.407	145.4	12.38	6.368	0.48	106.1	11.78	2.789	41.96	38.76	44.69	45.25	0	0	26.4	7.643	-0.006	12.31
11/18/2010 23:00	11626	4.057	178.9	11.43	8.16	1.057	201.1	8.81	4.578	41.48	38.87	45.37	45.46	0	0	26.39	7.64	-0.003	12.19
11/19/2010 0:00	11627	4.662	191.6	11.17	8.16	1.79	205.8	14.52	4.578	41.31	39.06	45.23	44.56	0	0	26.37	7.64	0	12.4
11/19/2010 1:00	11628	4.723	189.5	8.44	8.16	1.492	201.5	10.99	4.578	40.49	37.64	47.72	47.73	0	0	26.35	7.637	-0.003	12.28
11/19/2010 2:00	11629	5.112	179.4	9.71	8.16	1.474	170.9	17.69	4.578	40.31	36.58	50.2	51.44	0	0	26.33	7.634	-0.003	12.28
11/19/2010 3:00	11630	4.641	195.8	12.43	8.16	1.157	212	24.92	4.578	38.92	35.82	54.4	54.75	0	0	26.3	7.634	0	12.11
11/19/2010 4:00	11631	2.692	201.4	14.93	6.368	0.45	94.9	11.91	2.789	36.82	33.85	58.77	59.69	0	0	26.29	7.633	-0.001	12.37
11/19/2010 5:00	11632	2.83	203.2	13.22	4.578	0.13	329.7	13.08	2.789	36.78	33.71	61.19	61.82	0	0	26.27	7.633	0	12.26
11/19/2010 6:00	11633	3.246	218.3	22.5	8.16	0.638	275.7	16.17	4.578	37.6	34.36	60.2	61.72	0	0	26.26	7.63	-0.003	12.42
11/19/2010 7:00	11634	4.481	248.1	22.71	6.368	1.666	302.8	22.9	4.578	37.65	34.36	59.34	60.22	0	0	26.27	7.63	0	12.3
11/19/2010 8:00	11635	3.659	244.3	14.64	6.368	1.261	296.7	12.57	4.578	37.85	34.81	59.44	60.11	0	16.58	26.28	7.63	0	12.11
11/19/2010 9:00	11636	6.289	217.8	16.9	11.74	4.123	225.1	19.85	9.95	42.08	42.34	54.77	50.39	0	172.3	26.31	7.624	-0.006	12.13
11/19/2010 10:00	11637	8.48	205	10.39	13.52	6.126	212.7	14.51	9.95	49.05	50.42	46	41.07	0	360.7	26.38	7.617	-0.007	12.25
11/19/2010 11:00	11638	9.38	211.3	14.27	17.1	6.851	217.2	17.51	15.31	55.9	57.65	36.46	31.79	0	514.2	26.44	7.609	-0.008	12.27
11/19/2010 12:00	11639	10.36	210.1	12.42	15.31	7.545	215.8	15.78	15.31	61.85	63.7	29.3	24.93	0	611.2	26.45	7.601	-0.008	12.32
11/19/2010 13:00	11640	12.2	210.5	12.33	20.68	8.54	215	15.98	15.31	66.79	68.99	24.2	19.87	0	649.5	26.44	7.594	-0.007	14.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/19/2010 14:00	11641	14.07	215	13.34	22.47	9.83	220.3	16.5	17.1	70.59	72.6	20.05	16.01	0	627.7	26.42	7.574	-0.02	12.75
11/19/2010 15:00	11642	13.83	217.1	11.27	22.47	9.58	222.9	14.47	17.1	73.01	74.66	17	13.21	0	545.5	26.4	7.562	-0.013	14.66
11/19/2010 16:00	11643	13.06	224.8	13.4	20.68	8.63	227.1	17.78	17.1	74.22	75.47	14.93	11.35	0	408.4	26.38	7.543	-0.019	14.59
11/19/2010 17:00	11644	12.18	214.6	9.76	18.89	7.934	218.7	13.72	15.31	74.15	74.93	14.29	10.96	0	232.6	26.37	7.524	-0.019	13.86
11/19/2010 18:00	11645	9	193.4	17.06	18.89	4.864	197	20.48	11.74	69.99	68.75	18.41	16.32	0	45.94	26.35	7.506	-0.018	13.12
11/19/2010 19:00	11646	8.65	199.5	6.288	11.74	4.083	202.6	12.2	6.368	65.18	61.23	19.91	19.92	0	0.067	26.32	7.495	-0.01	12.76
11/19/2010 20:00	11647	5.088	203.9	12.36	8.16	1.145	166.3	23.27	4.578	59.82	55.03	23.18	24.07	0	0	26.3	7.49	-0.005	13.13
11/19/2010 21:00	11648	7.523	182.5	25.16	13.52	3.265	184.7	35.38	8.16	55.95	52	28.24	28.36	0	0	26.28	7.485	-0.005	12.55
11/19/2010 22:00	11649	7.332	175.6	10.97	11.74	3.339	182.4	19.36	6.368	52.7	50.1	39.49	38.75	0	0	26.28	7.479	-0.006	12.59
11/19/2010 23:00	11650	5.679	200.2	11.35	9.95	2.475	219.2	21.74	6.368	49.58	46.67	45.09	45.11	0	0	26.27	7.476	-0.003	12.86
11/20/2010 0:00	11651	7.161	196.3	7.159	9.95	3.289	209.3	12.67	6.368	47.15	44.11	49.42	49.84	0	0	26.25	7.474	-0.002	12.36
11/20/2010 1:00	11652	4.474	228.5	19.97	13.52	1.65	275.5	27.88	6.368	44.7	41.89	53.42	53.52	0	0	26.24	7.472	-0.002	12.45
11/20/2010 2:00	11653	4.337	219.8	26.29	8.16	1.419	258.2	25.61	6.368	43.35	40.3	55.07	55.28	0	0	26.22	7.469	-0.003	12.22
11/20/2010 3:00	11654	3.649	208	10.82	8.16	1.034	254.8	19.24	4.578	42.22	39.86	60.05	58.21	0	0	26.21	7.469	0	12.23
11/20/2010 4:00	11655	2.763	220.9	12.92	4.578	0.449	309	8.91	2.789	42.38	39.45	61.46	60.75	0	0	26.2	7.466	-0.003	12.78
11/20/2010 5:00	11656	3.293	241	18.4	6.368	0.823	301.6	9.43	2.789	42.88	39.96	61.11	61.29	0	0	26.2	7.466	0	12.53
11/20/2010 6:00	11657	4.596	247.6	9.54	6.368	1.176	285.2	16.06	4.578	42.3	38.48	63.69	64.64	0	0	26.21	7.463	-0.003	12.24
11/20/2010 7:00	11658	3.21	211.5	18.69	6.368	0.479	300.1	34.54	2.789	41.15	37.84	67.03	67.91	0	0	26.2	7.463	0	12.23
11/20/2010 8:00	11659	4.058	223.1	16.92	6.368	0.923	284.3	26.06	4.578	40.46	37.21	69.41	69.19	0	20.15	26.21	7.459	-0.003	14.84
11/20/2010 9:00	11660	5.485	230.5	14.87	9.95	3.717	236.8	16.65	8.16	45.23	45.23	63.84	59.44	0	194.6	26.25	7.449	-0.011	12.36
11/20/2010 10:00	11661	9.29	215.3	9.63	15.31	6.657	221.3	13.95	11.74	52.46	53.73	52.99	47.89	0	378.7	26.32	7.439	-0.009	14.77
11/20/2010 11:00	11662	8.22	211.3	14.3	13.52	6.063	217.5	17.88	11.74	61.55	63.11	37.98	33.51	0	526.8	26.39	7.433	-0.006	13
11/20/2010 12:00	11663	10.48	215.6	14.29	17.1	7.569	220.5	17.2	13.52	68.69	70.36	26.09	22.11	0	560.5	26.42	7.426	-0.008	12.91
11/20/2010 13:00	11664	11.79	210.2	15.27	20.68	8.3	215.7	18.37	17.1	71.95	73.59	20.41	16.65	0	546.1	26.4	7.413	-0.013	13.21
11/20/2010 14:00	11665	13.2	216.4	15.68	20.68	9.37	221.6	18.43	15.31	74.09	75.4	17.18	13.6	0	430.8	26.39	7.39	-0.022	13.06
11/20/2010 15:00	11666	12.99	232.1	13.51	20.68	9.12	236.4	16.24	15.31	73.01	73.5	14.41	11.3	0	243.3	26.36	7.372	-0.018	14.85
11/20/2010 16:00	11667	11.69	238.3	10.69	18.89	8.26	242.5	14.16	15.31	73.52	73.86	13.15	10.03	0	269.7	26.34	7.357	-0.015	13
11/20/2010 17:00	11668	10.57	215.1	10.35	17.1	7.113	220.2	13.83	13.52	73.83	74.19	13.98	10.8	0	187.7	26.32	7.344	-0.013	13.13
11/20/2010 18:00	11669	8.23	188.9	9.19	13.52	4.154	188	16.47	9.95	69.95	68	17.98	16.25	0	34.86	26.3	7.329	-0.016	15.18
11/20/2010 19:00	11670	7.19	189.8	24.49	11.74	2.826	192.5	33.26	6.368	63.48	59.04	23.61	24.17	0	0.064	26.28	7.321	-0.007	12.86
11/20/2010 20:00	11671	4.289	224.2	15.9	6.368	0.591	274.8	24.75	4.578	60.36	55.16	25.27	27.14	0	0	26.26	7.313	-0.008	12.96
11/20/2010 21:00	11672	6.428	222.3	18.55	9.95	2.676	230.3	31.76	6.368	58.42	54.41	28.04	28.35	0	0	26.24	7.307	-0.006	13.18
11/20/2010 22:00	11673	6.833	200.1	10.53	9.95	3.036	202	20.45	6.368	56.81	53.65	35.33	34.34	0	0	26.24	7.301	-0.006	12.93
11/20/2010 23:00	11674	3.813	215.6	16.28	6.368	0.481	270	31.79	2.789	52.67	49.49	42.54	42.59	0	0	26.23	7.298	-0.003	13.36
11/21/2010 0:00	11675	4.87	216.3	18.79	8.16	1.617	249.7	47.14	4.578	51.72	47.86	50.37	48.51	0	0	26.22	7.295	-0.003	12.63
11/21/2010 1:00	11676	2.568	227.4	19.78	6.368	0.794	313.8	8.88	2.789	50.08	46.95	60.73	58.71	0	0	26.2	7.292	-0.003	13.06
11/21/2010 2:00	11677	4.243	249.5	29.18	6.368	1.669	299.2	20.84	4.578	50.02	46.39	65.62	65.15	0	0	26.19	7.289	-0.003	12.6
11/21/2010 3:00	11678	4.622	270.8	9.37	6.368	2.032	309	8.68	4.578	49.67	45.08	69.3	69.86	0	0	26.18	7.286	-0.003	12.81
11/21/2010 4:00	11679	2.342	179.1	52.84	6.368	1.407	49.14	36.69	4.578	49.97	47.03	76.03	75.12	0	0	26.16	7.287	0.001	12.44
11/21/2010 5:00	11680	3.558	152.7	50.63	8.16	1.767	55	55.51	4.578	49.06	46.43	83	80.7	0	0	26.16	7.286	-0.001	13.03
11/21/2010 6:00	11681	2.063	285.6	8.95	6.368	1.016	337.1	23.51	4.578	48.68	44.47	85.8	85	0	0	26.16	7.283	-0.002	12.4
11/21/2010 7:00	11682	1.183	182	6.921	4.578	1.853	82.7	12.86	4.578	47.95	43.68	88.9	87	0	0	26.17	7.285	0.001	12.51
11/21/2010 8:00	11683	2.359	184.8	19.13	4.578	0.895	80.5	8.39	4.578	47.12	43.48	91.5	88.1	0	5.412	26.18	7.282	-0.003	12.52
11/21/2010 9:00	11684	1.169	211.1	10	6.368	0.546	216.7	25.11	6.368	49.35	47.05	89.1	88.3	0	153.6	26.2	7.276	-0.005	12.92
11/21/2010 10:00	11685	5.538	228.2	15.2	9.95	4.429	232.9	18.43	8.16	55.78	56.34	68.83	64.52	0	343.8	26.28	7.274	-0.003	13.02

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/21/2010 11:00	11686	7.725	232.3	17.27	13.52	5.94	235.5	20.16	11.74	64.2	65.28	46.5	42.32	0	481.9	26.35	7.265	-0.009	13.14
11/21/2010 12:00	11687	10.57	242.5	13.13	22.47	8	246.9	16.08	17.1	70.34	71.44	28.72	25.22	0	581.2	26.38	7.258	-0.007	13.17
11/21/2010 13:00	11688	16.99	235.8	12.96	29.63	9.89	232.3	37.79	24.26	73.51	75.46	17.43	13.65	0	629.3	26.36	7.238	-0.019	13.65
11/21/2010 14:00	11689	20.14	232.9	14.77	34.99	7.944	210.8	46.01	20.68	74.55	77.34	15.41	11.2	0	613.4	26.33	7.222	-0.016	13.07
11/21/2010 15:00	11690	20.03	223.8	13.03	34.99	9.38	207.7	28.29	24.26	75.63	77.75	14.26	10.31	0	530.5	26.32	7.203	-0.019	14.47
11/21/2010 16:00	11691	21.67	236.3	11.53	40.36	7.499	208.6	50.96	20.68	76.49	78.24	12.17	8.4	0	394.7	26.31	7.175	-0.029	13.07
11/21/2010 17:00	11692	21.97	239.3	9.92	36.78	6.918	206.2	56.43	18.89	75.77	76.78	12.15	8.61	0	225.5	26.29	7.147	-0.028	13.41
11/21/2010 18:00	11693	14.09	248.3	9.98	31.42	3.977	229	74.42	13.52	72.41	71.51	14.86	12.25	0	31.56	26.28	7.132	-0.015	13.06
11/21/2010 19:00	11694	6.885	273.4	7.216	11.74	3.744	297	13.73	8.16	66.54	63.52	19.3	18.27	0	0.104	26.25	7.121	-0.011	13.03
11/21/2010 20:00	11695	4.543	229.5	42.87	8.16	2.101	154.3	66.32	4.578	64.06	56.69	21.25	23.65	0	0	26.21	7.116	-0.006	13.08
11/21/2010 21:00	11696	2.577	153.1	32.13	8.16	1.899	86.3	16.33	4.578	60.35	53.71	24.49	26.81	0	0	26.19	7.113	-0.002	14.95
11/21/2010 22:00	11697	2.797	187.5	39.66	8.16	0.707	67.41	26.87	4.578	58.28	52.23	26.26	29.08	0	0	26.18	7.111	-0.002	13.23
11/21/2010 23:00	11698	5.078	217.2	35.11	13.52	1.798	202.1	66.22	8.16	56.78	50.53	28.3	30.98	0	0	26.17	7.105	-0.006	12.85
11/22/2010 0:00	11699	6.975	165.7	35.48	17.1	3.636	161	45.71	11.74	53.94	50.94	30.94	30.69	0	0	26.16	7.102	-0.003	12.9
11/22/2010 1:00	11700	4.318	147.3	11.74	9.95	1.414	122.9	16.02	4.578	50.98	48.01	52.3	47.49	0	0	26.16	7.098	-0.003	12.32
11/22/2010 2:00	11701	4.603	207.8	40.59	9.95	1.358	267.2	47.06	6.368	50.94	46.2	66.94	67.92	0	0	26.15	7.099	0	12.57
11/22/2010 3:00	11702	3.184	229	28.6	6.368	0.683	322	42.5	4.578	50.48	45.26	58.28	65.03	0	0	26.14	7.096	-0.003	13.04
11/22/2010 4:00	11703	3.987	123.1	21.9	11.74	2.715	99	22.84	6.368	47.36	42.09	54.63	62.4	0	0	26.14	7.094	-0.001	12.8
11/22/2010 5:00	11704	6.209	144.6	7.17	9.95	2.36	115.4	18.95	6.368	46.98	41.79	58.57	64.31	0	0	26.14	7.095	0	12.83
11/22/2010 6:00	11705	5.023	155.8	13.25	8.16	1.679	113	25.54	4.578	46.54	41.66	56.7	62.48	0	0	26.13	7.091	-0.003	14.52
11/22/2010 7:00	11706	4.495	212.4	26.6	8.16	0.986	259.3	43.83	4.578	46.16	41.64	54.67	58.73	0	0	26.15	7.091	0	12.59
11/22/2010 8:00	11707	1.587	194.1	49.29	8.16	1.339	74.99	47.72	6.368	44.84	41.18	55.68	57.73	0	13.47	26.16	7.088	-0.003	12.76
11/22/2010 9:00	11708	3.09	137.3	74.4	6.368	2.364	52.59	76.44	4.578	49.52	48.67	50.59	48.51	0	162	26.21	7.08	-0.008	12.72
11/22/2010 10:00	11709	7.268	233.2	27.04	15.31	5.464	238.7	29.57	11.74	57.69	58.55	41.32	37.37	0	349.9	26.3	7.065	-0.015	14.1
11/22/2010 11:00	11710	10.53	235.7	16.42	18.89	7.846	239.8	18.2	17.1	64.28	65.43	33.55	29.72	0	495.9	26.37	7.059	-0.006	13.77
11/22/2010 12:00	11711	16.51	247	15.93	31.42	12.17	251.4	17.37	27.84	68.42	69.58	25.46	21.87	0	592.2	26.39	7.046	-0.013	13.04
11/22/2010 13:00	11712	21.14	231.6	11.98	34.99	14.7	236.3	14.59	26.05	70.77	72.09	19.85	16.23	0	633.9	26.37	7.03	-0.016	13.19
11/22/2010 14:00	11713	21.27	235	11.84	33.21	15.01	239.4	14.42	27.84	70.77	72.09	19.75	16.03	0	611.4	26.35	7.004	-0.026	12.97
11/22/2010 15:00	11714	20.35	233	13.14	34.99	14.53	237.2	16.06	27.84	70.92	72.07	18.43	14.79	0	530.3	26.34	6.972	-0.032	15.13
11/22/2010 16:00	11715	18.93	232.6	11.59	29.63	13.23	236.5	14.34	24.26	71.22	72.11	16.82	13.31	0	395.8	26.34	6.941	-0.031	13.31
11/22/2010 17:00	11716	18.98	236.9	9.64	31.42	13.33	241.7	12.57	22.47	71.02	71.41	13.95	10.71	0	226.6	26.33	6.916	-0.025	13.13
11/22/2010 18:00	11717	14.75	247	13.44	27.84	10.31	251	15.02	20.68	68.05	67.75	12.71	9.73	0	41.39	26.33	6.891	-0.025	13.04
11/22/2010 19:00	11718	8.1	266.8	19.33	13.52	4.822	271.5	26.39	9.95	61.72	59.94	15.47	13.46	0	0.114	26.33	6.871	-0.02	12.8
11/22/2010 20:00	11719	5.518	276.1	54.6	13.52	2.835	292	69.44	8.16	57.6	54.16	18.05	17.34	0	0	26.31	6.866	-0.005	13.2
11/22/2010 21:00	11720	4.722	299.8	41.91	9.95	2.687	323.7	72.86	4.578	54.67	50.23	20.91	20.97	0	0	26.29	6.861	-0.005	12.88
11/22/2010 22:00	11721	3.628	276.5	20.81	8.16	1.529	338.3	56.3	4.578	53.14	46.65	21.87	24.5	0	0	26.28	6.854	-0.006	12.49
11/22/2010 23:00	11722	10.59	309.6	21.35	17.1	6.682	325.6	15.48	13.52	53.76	49.38	23.82	23.98	0	0	26.26	6.848	-0.006	14.41
11/23/2010 0:00	11723	7.742	258.8	51.04	17.1	4.873	262.6	54.22	11.74	51.62	49.64	26.52	25.04	0	0	26.27	6.845	-0.003	12.87
11/23/2010 1:00	11724	4.183	288.5	51.24	8.16	2.459	350.8	63.51	4.578	47.98	43.06	29.66	31.28	0	0	26.27	6.839	-0.005	12.38
11/23/2010 2:00	11725	6.252	323.1	22.84	13.52	3.194	349.8	18.53	9.95	47.31	41.86	30.84	33.3	0	0	26.26	6.838	-0.002	12.55
11/23/2010 3:00	11726	6.41	343.6	18.05	11.74	3.862	348.2	31.35	9.95	44.1	41.79	33.43	32.91	0	0	26.26	6.834	-0.003	14.46
11/23/2010 4:00	11727	5.166	10.19	24.77	13.52	3.157	9.32	54.42	11.74	41.62	39.08	38.03	37.01	0	0	26.26	6.828	-0.006	12.14
11/23/2010 5:00	11728	9.33	21.28	10.82	15.31	5.613	26.87	14.58	11.74	40.95	40.46	41.3	38.22	0	0	26.26	6.828	0	12.71
11/23/2010 6:00	11729	9.56	35.98	11.33	15.31	5.109	43.24	15.83	11.74	38.52	37.8	45.16	42.35	0	0	26.28	6.825	-0.003	12.67
11/23/2010 7:00	11730	9.15	38.58	10.24	15.31	4.657	45.2	14.93	9.95	39.1	38.08	45.22	42.91	0	0	26.28	6.818	-0.006	12.16

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/23/2010 8:00	11731	8.24	36.57	10.8	13.52	4.31	44.51	14.34	11.74	38.23	37.3	46.38	43.93	0	12.56	26.28	6.815	-0.003	12.22
11/23/2010 9:00	11732	9.03	49.19	10.98	13.52	5.261	52.55	15.87	9.95	43.73	44.03	40.17	36.46	0	163.8	26.3	6.808	-0.007	12.93
11/23/2010 10:00	11733	8.54	77.42	16.2	13.52	5.853	78.2	23.18	11.74	52.02	53.64	30.11	25.85	0	352.8	26.37	6.799	-0.009	14.51
11/23/2010 11:00	11734	10.42	127.1	18.45	15.31	7.235	133.7	25.83	11.74	58	60.4	24.59	20.16	0	506.5	26.44	6.788	-0.011	13.01
11/23/2010 12:00	11735	9.88	178.9	27.06	17.1	7.056	185.5	30.22	15.31	62.2	64.5	20.49	16.19	0	607.4	26.46	6.777	-0.011	13.01
11/23/2010 13:00	11736	10.78	206.7	18.13	18.89	7.906	213.6	20.86	15.31	64.88	66.95	17.31	13.12	0	648.2	26.44	6.763	-0.013	12.99
11/23/2010 14:00	11737	12.42	209.5	13.98	20.68	8.92	215	17.43	15.31	66.57	68.67	16.17	11.97	0	626.6	26.41	6.751	-0.013	13.16
11/23/2010 15:00	11738	13.39	205.3	13.36	20.68	9.27	211.1	16.2	15.31	68.4	70.38	13.93	9.85	0	538.7	26.38	6.734	-0.016	12.98
11/23/2010 16:00	11739	13.6	197.4	11.8	20.68	9.36	203.3	15.58	17.1	68.56	70.05	15.39	11.46	0	374.9	26.35	6.71	-0.025	14.35
11/23/2010 17:00	11740	11.28	192.2	12.8	20.68	7.426	199.3	16.82	15.31	67.37	67.73	19.46	16.16	0	137.2	26.32	6.682	-0.028	13.21
11/23/2010 18:00	11741	8.91	176.5	8.16	17.1	5.082	181.9	13.89	11.74	65.33	64.7	22.25	19.68	0	43.99	26.27	6.658	-0.024	13.12
11/23/2010 19:00	11742	8.15	157.2	6.472	11.74	3.44	157.9	12.56	6.368	58.74	55.23	28.02	27.84	0	0.064	26.24	6.649	-0.009	12.86
11/23/2010 20:00	11743	8.35	154.2	6.122	11.74	3.573	155.4	12.15	6.368	54.74	51.23	31.64	31.83	0	0	26.2	6.645	-0.004	12.77
11/23/2010 21:00	11744	6.392	154.6	10.47	11.74	2.598	155.6	16.29	8.16	51.01	48.77	34.11	33.19	0	0	26.17	6.639	-0.006	12.81
11/23/2010 22:00	11745	6.371	153	9.28	9.95	2.994	158.1	16.07	6.368	51.7	49.97	32.38	30.98	0	0	26.15	6.632	-0.006	14.89
11/23/2010 23:00	11746	6.758	173.4	9.26	9.95	3.064	188.2	16.52	4.578	50.7	48.45	36.78	35.04	0	0	26.14	6.626	-0.006	12.11
11/24/2010 0:00	11747	7.752	165.9	9.04	11.74	3.731	173.1	16.54	8.16	51.98	50.02	72.45	69.25	0	0	26.13	6.623	-0.003	12.16
11/24/2010 1:00	11748	8.71	176.6	9.4	15.31	5.038	186.3	15.48	11.74	51.94	51.1	89.1	84.7	0	0	26.11	6.623	0	12.08
11/24/2010 2:00	11749	15.5	178.2	9.59	27.84	9.85	186.1	15.75	20.68	55.22	55.27	93.5	88.3	0	0	26.1	6.625	0.002	12.25
11/24/2010 3:00	11750	16.7	183.2	8.9	26.05	10.8	191	15.1	20.68	56.5	56.61	91.8	86.4	0	0	26.1	6.625	0	12.28
11/24/2010 4:00	11751	15.84	187.9	9.51	27.84	10.34	195.8	14.6	20.68	56.27	56.41	92.1	86.5	0	0	26.1	6.624	0	12.41
11/24/2010 5:00	11752	14.78	201.4	9.41	24.26	9.79	207.9	13.65	22.47	54.91	55.07	92.1	86.7	0	0	26.1	6.624	0	12.18
11/24/2010 6:00	11753	10.88	195.2	9.87	18.89	7.214	202.1	13.8	15.31	53.13	53.28	92.7	87	0	0	26.1	6.625	0.001	12.15
11/24/2010 7:00	11754	8.49	200.2	12.05	15.31	5.655	207	15.48	11.74	50.76	50.91	93.7	88.1	0	0	26.1	6.625	0	12.12
11/24/2010 8:00	11755	5.975	211.7	12.75	9.95	4.004	218.3	16.15	6.368	48.18	48.36	93.9	88.7	0	6.203	26.1	6.626	0.001	12.17
11/24/2010 9:00	11756	4.295	200.4	27.59	8.16	3.01	207.5	28.15	8.16	47.53	47.96	94.1	88.9	0	109.3	26.1	6.623	-0.003	12.14
11/24/2010 10:00	11757	4.796	174.5	21.46	11.74	3.628	187	23.82	8.16	51.91	53.64	84.2	79.09	0	338	26.14	6.624	0.001	12.11
11/24/2010 11:00	11758	9.49	226.7	19.73	17.1	6.972	232.7	22.35	15.31	60.66	62.21	41.63	37.43	0	485.4	26.2	6.619	-0.005	12.97
11/24/2010 12:00	11759	10.32	249.6	14.87	17.1	7.931	254	17.83	13.52	66.74	67.97	25.32	21.87	0	570.9	26.21	6.609	-0.01	12.97
11/24/2010 13:00	11760	13.75	238.5	17.38	26.05	9.93	242.9	20.25	20.68	71.17	72.48	11.35	8.02	0	627	26.2	6.589	-0.02	13.12
11/24/2010 14:00	11761	16.68	230.6	13.53	31.42	11.63	235.2	16.91	24.26	72.42	73.92	7.79	4.174	0	603.4	26.17	6.563	-0.026	13.21
11/24/2010 15:00	11762	18.45	222.8	11.41	34.99	12.42	227.5	15.25	24.26	73.19	74.45	6.229	2.557	0	457.5	26.15	6.535	-0.029	12.99
11/24/2010 16:00	11763	19.57	223.5	10.61	29.63	13.05	227.8	14.75	24.26	72.93	73.65	5.042	1.755	0	316.4	26.12	6.501	-0.034	14.28
11/24/2010 17:00	11764	16.38	233.3	9.86	29.63	10.91	238	13.61	20.68	71.64	71.79	5.765	2.33	0	139.3	26.11	6.472	-0.028	13.12
11/24/2010 18:00	11765	11.06	237.9	9.67	22.47	7.351	242.9	12.94	17.1	68.79	68.25	7.66	4.463	0	14.89	26.1	6.448	-0.025	12.99
11/24/2010 19:00	11766	7.408	211.3	15.23	13.52	3.879	207.2	23.71	9.95	65.69	63.04	9.28	7.415	0	0.053	26.09	6.437	-0.011	12.9
11/24/2010 20:00	11767	4.762	261.2	19.65	8.16	1.735	275.2	36.94	4.578	62	58.08	10.83	10.16	0	0	26.07	6.433	-0.003	12.97
11/24/2010 21:00	11768	8.34	304.8	60.4	13.52	5.097	315.2	62.99	11.74	58	55.5	13.26	11.69	0	0	26.04	6.425	-0.008	13
11/24/2010 22:00	11769	3.654	248.6	41.35	9.95	2.556	242.4	56.65	8.16	61.35	59.62	9.72	7.407	0	0	26.04	6.422	-0.003	12.39
11/24/2010 23:00	11770	4.224	237.9	32.32	8.16	1.734	282.8	58.25	6.368	59.14	54.77	10.97	10.97	0	0	26.05	6.416	-0.006	12.16
11/25/2010 0:00	11771	3.899	187.2	49.09	6.368	1.648	100.6	45.22	4.578	55.95	51.7	13.39	13.68	0	0	26.04	6.413	-0.002	12.86
11/25/2010 1:00	11772	2.935	164.3	22.91	6.368	0.62	110.7	13.97	4.578	54.48	51.68	14.65	14.67	0	0	26.04	6.41	-0.003	12.26
11/25/2010 2:00	11773	2.025	231.6	25.36	6.368	0.544	324.5	28.3	4.578	54.25	51.02	14.55	15.18	0	0	26.03	6.407	-0.003	12.57
11/25/2010 3:00	11774	2.212	278.9	17.14	6.368	1.259	344.1	43.81	4.578	52.29	49.78	17.08	17.16	0	0	26.03	6.404	-0.003	12.35
11/25/2010 4:00	11775	0.932	286.5	18.59	4.578	1.064	86.3	18.01	4.578	52.72	48.77	16.67	19.72	0	0	26.02	6.401	-0.003	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
11/25/2010 5:00	11776	2.953	305.7	13.59	6.368	0.273	311.8	15.89	2.789	52.96	49.25	17.21	19.23	0	0	26.02	6.398	-0.003	12.13	
11/25/2010 6:00	11777	8.78	358.5	31.67	18.89	4.995	7.27	32.23	15.31	52.93	51.68	17.96	16.37	0	0	26.04	6.394	-0.003	12.2	
11/25/2010 7:00	11778	17.22	27.84	10.93	27.84	10.33	32.79	13.36	24.26	45.06	45.24	38.31	34.27	0	0	26.07	6.388	-0.006	12.43	
11/25/2010 8:00	11779	17.48	26.85	11.11	29.63	10.4	31	13.38	22.47	37.62	37.96	51.96	47.68	0	4.804	26.09	6.377	-0.011	12.21	
11/25/2010 9:00	11780	17	27.71	12.22	27.84	10.37	31.91	14.59	24.26	34.68	35.21	45.77	41.56	0	114.2	26.12	6.368	-0.009	12.22	
11/25/2010 10:00	11781	16.24	30.28	13.05	26.05	10	33.4	14.79	22.47	34.85	35.71	38.71	34.4	0	273.3	26.16	6.358	-0.01	12.17	
11/25/2010 11:00	11782	16.23	28.07	12.32	26.05	10.2	31.68	14.58	24.26	36.57	37.74	32.34	27.99	0	387.4	26.21	6.344	-0.015	12.81	
11/25/2010 12:00	11783	15.81	37.79	12.82	26.05	9.33	40.43	16.02	20.68	38.06	39.71	29.45	24.83	0	511.5	26.24	6.328	-0.016	12.62	
11/25/2010 13:00	11784	12.75	25.46	15.03	22.47	8.5	28.71	17.25	18.89	41.78	43.49	26.34	21.77	0	552.3	26.26	6.314	-0.014	14.59	
11/25/2010 14:00	11785	11.86	23.66	15.92	18.89	8.06	26.93	17.01	17.1	44.46	45.94	24.03	19.73	0	530.1	26.28	6.297	-0.017	12.98	
11/25/2010 15:00	11786	12.3	33.28	16.04	20.68	7.716	35.39	18.76	15.31	46.19	47.83	22.8	18.4	0	467.3	26.3	6.288	-0.01	13.5	
11/25/2010 16:00	11787	11.85	39.63	17.86	20.68	7.408	41.54	21.09	17.1	47.42	48.77	22.7	18.47	0	353.1	26.3	6.265	-0.022	12.95	
11/25/2010 17:00	11788	9.01	33.36	16.02	15.31	5.608	35.11	18.32	11.74	48.13	49.06	22.76	18.85	0	206	26.32	6.256	-0.01	12.92	
11/25/2010 18:00	11789	7.99	47.44	9.16	13.52	4.428	51.65	15.13	9.95	45.24	45.28	25.02	21.76	0	36.52	26.32	6.241	-0.015	12.82	
11/25/2010 19:00	11790	7.681	55.62	8.34	11.74	4.748	62.77	13.73	9.95	38.42	37.76	29.79	27.02	0	0.056	26.3	6.224	-0.017	12.86	
11/25/2010 20:00	11791	9.69	64.57	6.845	15.31	5.82	68.01	14.72	11.74	35.53	34.8	31.27	28.63	0	0	26.29	6.219	-0.005	13.13	
11/25/2010 21:00	11792	9.36	66.71	9.07	13.52	5.806	69.17	15.69	11.74	34.1	33.52	31.85	29.02	0	0	26.29	6.213	-0.006	12.4	
11/25/2010 22:00	11793	7.649	62.56	8.77	13.52	4.32	62.23	15.4	8.16	31.34	30.5	34.3	31.77	0	0	26.3	6.205	-0.008	12.37	
11/25/2010 23:00	11794	6.525	48.82	12.91	9.95	3.331	54.69	15.9	8.16	30.49	29.32	33.94	31.92	0	0	26.31	6.202	-0.003	12.39	
11/26/2010 0:00	11795	4.352	333.5	25.55	8.16	2.778	328.8	25.93	6.368	29.2	27.47	35.01	33.58	0	0	26.33	6.202	0	12.29	
11/26/2010 1:00	11796	3.793	334.2	22.43	8.16	2.06	343.9	50.57	4.578	27.19	25.12	38.41	36.89	0	0	26.33	6.199	-0.002	14.97	
11/26/2010 2:00	11797	0.184	341.6	13.98	2.789	1.424	93.8	13.45	4.578	26.61	21.82	39.9	41.32	0	0	26.32	6.201	0.001	12.46	
11/26/2010 3:00	11798	1.876	210.2	46.69	4.578	1.152	78.3	45.18	4.578	25.7	20.48	41.18	42.32	0	0	26.32	6.201	0	15.05	
11/26/2010 4:00	11799	2.751	291.4	11.81	6.368	1.222	302	51.11	4.578	24.49	20.08	43.15	43.55	0	0	26.32	6.201	0	12.14	
11/26/2010 5:00	11800	2.274	301.1	9.58	6.368	1.464	76.05	49.32	4.578	24.21	18.63	43.08	45.17	0	0	26.32	6.201	0.001	12.08	
11/26/2010 6:00	11801	2.369	290	16.18	6.368	0.845	109	12.98	4.578	24.1	18.43	40.86	44.48	0	0	26.32	6.203	0.001	12.28	
11/26/2010 7:00	11802	2.988	261	35.85	6.368	0.863	129.3	44.51	2.789	21.31	16.4	42.64	45.87	0	0	26.32	6.2	-0.003	12.3	
11/26/2010 8:00	11803	3.993	283.2	9.97	6.368	0.999	309.7	9.16	4.578	23.58	19.29	39.24	41.68	0	10.37	26.33	6.203	0.003	12.21	
11/26/2010 9:00	11804	5.245	272.9	18.63	9.95	4.005	283	23.44	8.16	28.03	27.66	34.41	31.41	0	155.8	26.38	6.206	0.003	12.51	
11/26/2010 10:00	11805	6.894	225.1	16.14	13.52	5.146	230.5	18.92	9.95	34.61	35.61	26.74	22.78	0	319.5	26.45	6.206	0	12.67	
11/26/2010 11:00	11806	9.29	220.5	14.67	13.52	6.676	225.7	18.19	11.74	41.6	43.24	21.21	17.09	0	446.2	26.52	6.203	-0.002	12.94	
11/26/2010 12:00	11807	9.11	229.7	18.18	17.1	6.79	235.3	22.14	13.52	46.53	48.07	14.85	10.91	0	526.6	26.54	6.17	-0.033	14.34	
11/26/2010 13:00	11808	9.03	250.7	22.51	15.31	7.059	254.8	24.61	13.52	49.87	51.35	11.32	7.406	0	566.5	26.54	6.154	-0.016	13.18	
11/26/2010 14:00	11809	7.811	238.7	24.44	15.31	6.093	244.1	29.31	13.52	52.82	54.21	9.39	5.444	0	549.6	26.53	6.144	-0.01	13.18	
11/26/2010 15:00	11810	7.65	226.8	25	13.52	5.729	232.5	28.56	11.74	54.55	55.97	7.995	3.996	0	481.8	26.52	6.13	-0.013	13.16	
11/26/2010 16:00	11811	7.307	221.4	26.49	13.52	5.383	228	27.34	11.74	55.8	56.91	6.514	2.584	0	368.4	26.51	6.121	-0.01	13.72	
11/26/2010 17:00	11812	6.978	218.7	19.33	17.1	5.01	224.9	22.22	9.95	55.96	56.88	6.453	2.56	0	218.8	26.5	6.112	-0.008	13.22	
11/26/2010 18:00	11813	7.28	172.7	15.22	9.95	3.482	173.1	20.77	8.16	51.49	50.28	9.68	6.794	0	40.22	26.48	6.104	-0.009	12.7	
11/26/2010 19:00	11814	7.245	147.2	4.663	9.95	2.349	125.7	8.53	4.578	44.17	39.26	14.18	13.36	0	0.067	26.42	6.099	-0.004	12.6	
11/26/2010 20:00	11815	7.07	136.1	7.471	9.95	2.928	101.1	11.96	4.578	41.9	36.31	15.37	15.49	0	0	26.38	6.095	-0.004	14.85	
11/26/2010 21:00	11816	6.752	132	4.631	9.95	2.418	95.9	9.35	4.578	40.48	34.78	15.86	16.34	0	0	26.36	6.092	-0.003	12.97	
11/26/2010 22:00	11817	5.001	140.6	14.65	8.16	1.645	103.1	23.21	4.578	37.96	34.01	17.38	16.83	0	0	26.35	6.087	-0.005	12.37	
11/26/2010 23:00	11818	3.85	157.6	10.18	6.368	0.802	148.2	8.23	2.789	36.23	32.82	18.45	17.43	0	0	26.34	6.084	-0.002	12.39	
11/27/2010 0:00	11819	4.786	148.4	8.58	8.16	1.747	122.5	12.36	4.578	34.58	31.35	20.41	19.19	0	0	26.34	6.084	0	12.82	
11/27/2010 1:00	11820	3.4	198.1	16.09	9.95	0.231	235.9	16.76	4.578	33.05	29.75	22.26	21.67	0	0	26.33	6.084	0	12.11	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/27/2010 2:00	11821	2.668	175.2	8.89	4.578	0.187	99.8	6.204	2.789	32.86	29.68	23.55	22.63	0	0	26.32	6.084	0	12.73
11/27/2010 3:00	11822	2.143	148.4	9.99	4.578	0.9	75.13	5.76	2.789	33.52	31.25	23.5	22.28	0	0	26.31	6.084	0	12.1
11/27/2010 4:00	11823	3.93	143.9	6.91	6.368	1.589	100.6	8.91	4.578	34.44	31.49	23.99	22.79	0	0	26.3	6.084	0	12.32
11/27/2010 5:00	11824	3.942	137.1	11.02	6.368	1.572	87.5	9.62	4.578	34.07	30.89	26.77	25.85	0	0	26.3	6.084	0	12.31
11/27/2010 6:00	11825	4.724	136.7	7.679	8.16	2.015	99	12.71	4.578	33.04	29.84	30.5	29.66	0	0	26.29	6.088	0.003	12.72
11/27/2010 7:00	11826	4.712	137.4	10.24	8.16	1.582	112.1	13.86	4.578	32.16	28.92	35.02	34.49	0	0	26.29	6.088	0	12.35
11/27/2010 8:00	11827	4.128	147.7	8.69	6.368	1.502	114.1	10.91	4.578	32.79	29.5	36.11	35.85	0	9.43	26.29	6.088	0	12.6
11/27/2010 9:00	11828	5.765	163.3	15.48	11.74	3.168	167.2	24.03	9.95	36.45	36.6	32.83	29.2	0	149.2	26.31	6.083	-0.005	12.61
11/27/2010 10:00	11829	7.139	188.7	14.61	11.74	5.096	196.9	18.78	9.95	42.7	43.77	26.58	22.52	0	254.6	26.38	6.084	0.001	13.09
11/27/2010 11:00	11830	8.01	179.1	14.98	13.52	5.74	187	18.91	9.95	49.44	51.15	18.81	14.76	0	429.1	26.41	6.057	-0.027	12.96
11/27/2010 12:00	11831	10.34	193.7	15.32	17.1	7.402	201.3	18.59	13.52	54.63	56.82	13.14	8.95	0	529.8	26.45	6.036	-0.021	13.89
11/27/2010 13:00	11832	12.27	193.6	13.63	20.68	8.66	200.3	17.8	15.31	56.61	58.97	9.54	5.37	0	570.9	26.44	6.026	-0.01	13.36
11/27/2010 14:00	11833	12.09	201	12.43	18.89	8.6	207	16.14	15.31	58.12	60.38	7.711	3.503	0	547.4	26.42	6.007	-0.019	13.18
11/27/2010 15:00	11834	11.72	198.7	12.55	20.68	8.25	205.2	16.7	15.31	59.02	60.99	7.792	3.607	0	440.6	26.39	5.984	-0.022	13.15
11/27/2010 16:00	11835	11.95	193.5	10.75	18.89	8.26	200.6	15.02	17.1	58.48	59.76	8.62	4.632	0	298.3	26.35	5.947	-0.038	13.96
11/27/2010 17:00	11836	10.83	173.8	13.09	17.1	6.895	179.3	17.64	13.52	57.37	57.86	8.33	4.687	0	151.7	26.32	5.935	-0.011	13.24
11/27/2010 18:00	11837	5.374	136.9	22.06	13.52	2.847	128	33.43	8.16	54.56	53.18	7.579	4.651	0	33.79	26.27	5.923	-0.012	12.68
11/27/2010 19:00	11838	5.336	130.2	10.74	9.95	1.909	92.5	9.82	4.578	49.51	45.4	11.04	9.3	0	0.058	26.23	5.922	-0.001	14.75
11/27/2010 20:00	11839	8.26	140.5	8.21	11.74	3.762	137.7	22.28	8.16	44.92	41.87	21.49	19.08	0	0	26.19	5.916	-0.006	12.6
11/27/2010 21:00	11840	9	148.3	10.21	13.52	4.849	153.5	15.18	9.95	43.96	42.45	26.82	24.55	0	0	26.17	5.911	-0.005	12.22
11/27/2010 22:00	11841	8.43	147.8	8.3	13.52	4.512	152.4	14.18	9.95	42.35	41.04	29.88	27.47	0	0	26.16	5.905	-0.006	12.91
11/27/2010 23:00	11842	7.455	158.2	11.15	11.74	3.588	166.4	19.08	8.16	39.8	37.99	35.81	33.93	0	0	26.14	5.902	-0.003	12.22
11/28/2010 0:00	11843	7.543	172.9	12.78	11.74	3.798	183	18.67	8.16	38.37	36.5	39.96	38.38	0	0	26.11	5.898	-0.003	12.35
11/28/2010 1:00	11844	4.983	184	12.55	15.31	1.919	190.4	13.92	9.95	36.22	34.16	42.91	41.75	0	0	26.08	5.895	-0.003	12.27
11/28/2010 2:00	11845	5.868	182.2	14.83	11.74	2.271	175.7	17.24	6.368	34.14	31.56	45.09	44.62	0	0	26.05	5.897	0.002	12.47
11/28/2010 3:00	11846	10.08	183.2	7.721	17.1	5.76	190.2	13.68	11.74	36.03	34.51	42.4	40.75	0	0	26.03	5.891	-0.006	12.62
11/28/2010 4:00	11847	7.199	194.8	9.53	11.74	3.467	203.4	14.83	8.16	35.11	33.04	43.67	42.7	0	0	26.02	5.89	-0.001	12.2
11/28/2010 5:00	11848	6.897	194.5	8.42	9.95	3.172	203.2	13.1	6.368	34.53	31.79	44.79	44.67	0	0	26	5.891	0.001	12.58
11/28/2010 6:00	11849	6.631	194.8	6.779	9.95	2.917	201.4	11.41	6.368	33.33	30.74	46.99	46.68	0	0	25.98	5.888	-0.003	12.21
11/28/2010 7:00	11850	5.469	204.8	11.89	8.16	2.351	223.8	22.66	4.578	32.19	29.67	49.22	48.84	0	0	25.97	5.888	0	12.47
11/28/2010 8:00	11851	6.085	207.1	8.93	9.95	2.461	224.5	15.26	6.368	32.59	29.3	48.41	49.01	0	8.6	25.96	5.884	-0.003	12.85
11/28/2010 9:00	11852	6.726	202.7	19.24	17.1	4.373	214.3	24.12	13.52	36.51	36.68	43.56	39.66	0	142.3	25.97	5.88	-0.005	12.82
11/28/2010 10:00	11853	13.63	180	10.38	20.68	9.15	188	16.12	17.1	44.76	46.07	34.08	29.75	0	303.3	26.03	5.868	-0.012	12.99
11/28/2010 11:00	11854	13.17	183.9	11.64	20.68	8.96	190.7	16.52	17.1	50.59	52.52	28.88	24.3	0	429.1	26.08	5.856	-0.011	14.36
11/28/2010 12:00	11855	14.26	187.1	11.45	24.26	9.74	195.1	16.33	18.89	57.55	59.74	23.49	19.02	0	512.9	26.09	5.843	-0.014	12.84
11/28/2010 13:00	11856	18.1	197.3	11.5	29.63	12.23	203.5	15.6	24.26	61.88	64.01	20.04	15.74	0	549.3	26.08	5.829	-0.014	13.44
11/28/2010 14:00	11857	19.69	201.8	10.61	31.42	13.2	207.8	14.15	24.26	65.03	67.05	17.01	12.85	0	532.6	26.06	5.797	-0.032	13.49
11/28/2010 15:00	11858	18.43	193.2	9.78	29.63	12.42	199.3	14.22	24.26	67.15	68.94	15.06	11.07	0	463	26.03	5.778	-0.019	13.15
11/28/2010 16:00	11859	17.43	218.6	17.06	29.63	11.73	224	19.57	24.26	69.67	70.68	11.1	7.516	0	347	26.02	5.74	-0.038	15.26
11/28/2010 17:00	11860	16.91	235.7	11.7	31.42	11.75	239.7	14.98	26.05	70.42	70.66	7.338	3.927	0	199.4	26	5.721	-0.019	13.12
11/28/2010 18:00	11861	9.9	220.8	15.65	22.47	5.584	221.7	19.16	15.31	66.28	64.9	8.17	5.438	0	30.26	25.98	5.699	-0.022	13.06
11/28/2010 19:00	11862	7.35	206.4	34.66	11.74	3.488	201.9	50.8	6.368	59.36	55.49	10.59	9.22	0	0.054	25.94	5.691	-0.008	12.98
11/28/2010 20:00	11863	2.243	203.1	29.49	6.368	0.88	77.23	33.57	4.578	55.58	52.05	12.1	10.86	0	0	25.91	5.69	-0.002	12.09
11/28/2010 21:00	11864	3.032	186.7	31.53	9.95	1.38	128.6	25.56	6.368	52.98	47.86	13.57	14.6	0	0	25.9	5.684	-0.006	12.83
11/28/2010 22:00	11865	7.673	209.9	27	17.1	4.379	212.1	34.82	11.74	54.19	51.4	14.13	12.44	0	0	25.92	5.678	-0.006	12.81

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/28/2010 23:00	11866	6.978	179.2	20.15	11.74	3.173	183	21.16	8.16	48.75	45.44	27.47	27.3	0	0	25.95	5.674	-0.003	12.11
11/29/2010 0:00	11867	7.88	232	19.34	15.31	3.375	234.7	25.75	9.95	48.15	44.18	21.18	21.79	0	0	25.96	5.671	-0.003	12.72
11/29/2010 1:00	11868	12.74	311.2	29.68	26.05	9.53	316.1	30.66	22.47	47.35	46.54	29.99	27.1	0	0	25.98	5.665	-0.006	12.49
11/29/2010 2:00	11869	9.98	337.8	10.8	18.89	7.275	342.2	13.25	13.52	42.27	41.78	42.68	39.5	0	0	25.99	5.663	-0.002	12.55
11/29/2010 3:00	11870	8.44	339.7	11.99	13.52	5.81	344.6	14.63	11.74	40.49	39.87	44.11	41.33	0	0	26	5.66	-0.003	12.15
11/29/2010 4:00	11871	4.577	327	17.4	9.95	2.206	332.2	40.63	6.368	37.92	35.97	46.59	45.19	0	0	26	5.657	-0.003	12.07
11/29/2010 5:00	11872	4.019	309.8	12.78	6.368	1.114	312	19.83	4.578	36.38	33.03	48.33	48.63	0	0	25.99	5.654	-0.003	12.18
11/29/2010 6:00	11873	3.995	297.3	8.98	6.368	1.682	303.9	11.78	4.578	36.87	33.82	47.1	46.91	0	0	25.99	5.652	-0.003	12.19
11/29/2010 7:00	11874	4.293	304.5	12.44	8.16	2.207	314.1	18.78	6.368	36.31	34.09	47.83	46.46	0	0	26.01	5.652	0	12.34
11/29/2010 8:00	11875	5.829	303.7	5.6	8.16	3.24	322.1	10.19	6.368	37.77	34.71	47.57	47.41	0	9.59	26.03	5.648	-0.003	12.52
11/29/2010 9:00	11876	8.52	291.5	12.71	13.52	6.879	298.9	14.83	11.74	40.74	40.61	41.72	38.34	0	138.9	26.06	5.638	-0.01	14.84
11/29/2010 10:00	11877	11.21	276.7	12.09	17.1	9.04	282.7	14.43	15.31	46.72	47.36	33.42	29.51	0	298.2	26.13	5.627	-0.011	13.51
11/29/2010 11:00	11878	11.31	285.4	19.08	22.47	9.41	291.4	21.36	20.68	49.5	50.36	31.51	27.45	0	417.4	26.17	5.619	-0.008	12.82
11/29/2010 12:00	11879	12.47	294.4	32.87	29.63	10.19	299.9	34.3	24.26	50.87	52.07	28.02	23.82	0	492.1	26.19	5.593	-0.025	12.87
11/29/2010 13:00	11880	15.71	288.1	16.23	31.42	12.54	295.7	19.41	27.84	52.29	53.4	20.21	16.32	0	513.3	26.17	5.584	-0.01	12.88
11/29/2010 14:00	11881	14.13	294.9	18.25	27.84	11.56	302.2	20.46	22.47	53.09	54.27	18.75	14.77	0	534.4	26.16	5.571	-0.013	13
11/29/2010 15:00	11882	14.66	290	17.08	27.84	11.86	297.8	20.14	22.47	53.4	54.39	15.23	11.35	0	470.9	26.16	5.555	-0.016	12.3
11/29/2010 16:00	11883	16.41	280.1	12.88	29.63	12.38	287.5	17.19	26.05	52.69	53.6	12.91	9	0	357.8	26.17	5.539	-0.016	12.88
11/29/2010 17:00	11884	13.93	278.5	14.33	22.47	9.88	286.5	19.13	18.89	51.77	52.47	12.52	8.67	0	207.2	26.18	5.527	-0.013	12.79
11/29/2010 18:00	11885	11.38	309.1	12.56	24.26	8.78	315.9	12.77	18.89	48.42	48.22	15.65	12.33	0	25.64	26.19	5.518	-0.009	12.98
11/29/2010 19:00	11886	16.44	308.8	14.5	27.84	12.94	315.6	15.02	22.47	44.87	44.72	25.43	21.95	0	0.025	26.22	5.497	-0.021	12.32
11/29/2010 20:00	11887	17.38	298.9	14.38	36.78	13.62	306.7	14.75	29.63	43.68	43.65	32.55	29.06	0	0	26.24	5.462	-0.035	12.23
11/29/2010 21:00	11888	11.64	350.4	10.47	22.47	8.41	353	12.44	20.68	40.78	40.63	47.41	43.55	0	0	26.29	5.463	0.001	12.36
11/29/2010 22:00	11889	9.16	339.1	12.45	15.31	6.573	343.5	14.69	11.74	36.78	36.43	54.17	50.68	0	0	26.31	5.464	0.001	12.82
11/29/2010 23:00	11890	7.724	327.5	11.07	13.52	5.318	330.2	13.42	9.95	34.54	33.87	56.44	53.61	0	0	26.34	5.464	0	12.69
11/30/2010 0:00	11891	10.58	354.7	9.85	20.68	7.536	359.1	11.49	15.31	34.76	34.38	47.27	44.49	0	0	26.36	5.465	0.001	12.47
11/30/2010 1:00	11892	14.29	8.66	10.79	22.47	10.64	13.26	12.69	20.68	34.89	34.81	40.81	37.6	0	0	26.38	5.461	-0.004	12.15
11/30/2010 2:00	11893	10.1	9.14	10.73	17.1	7.562	13.23	12.71	13.52	32.37	32.33	43.73	40.2	0	0	26.39	5.458	-0.003	14.02
11/30/2010 3:00	11894	6.682	346.6	27.22	13.52	4.71	345.3	30.25	13.52	29.65	29.16	47.56	44.39	0	0	26.41	5.456	-0.002	12.73
11/30/2010 4:00	11895	4.816	312.4	18.56	9.95	2.136	309.5	19.68	6.368	25.84	23.89	53.14	51.68	0	0	26.41	5.456	0	12.59
11/30/2010 5:00	11896	7.944	318	6.36	11.74	5.069	319.1	9.02	9.95	25.53	24.16	53.66	51.82	0	0	26.41	5.457	0.001	12.18
11/30/2010 6:00	11897	7.855	314	5.142	11.74	4.778	318.6	8.36	8.16	24.78	23.77	55.06	52.53	0	0	26.42	5.458	0	12.2
11/30/2010 7:00	11898	6.066	328.2	9.95	9.95	3.201	340.5	11.54	6.368	23.75	22.47	56.94	54.95	0	0	26.44	5.458	0	12.37
11/30/2010 8:00	11899	8.14	319.5	12.91	11.74	5.193	321.5	16.25	9.95	23.88	22.64	55.2	53.18	0	7.936	26.46	5.458	0	12.56
11/30/2010 9:00	11900	8.3	312.5	7.805	13.52	6.521	317.3	9.04	11.74	27.17	27.13	50.22	46.35	0	135.8	26.5	5.459	0.002	12.12
11/30/2010 10:00	11901	6.107	324.9	28.01	11.74	5.281	328.8	27.85	9.95	35.09	35.47	36.38	32.73	0	297.3	26.57	5.457	-0.002	12.93
11/30/2010 11:00	11902	4.831	26.68	21.95	9.95	3.489	28.34	25.92	9.95	39.76	40.93	27.52	23.66	0	424.8	26.65	5.439	-0.018	12.92
11/30/2010 12:00	11903	3.991	300.8	47.31	11.74	3.658	312.3	54.35	9.95	43.41	43.95	24.72	21.15	0	511	26.68	5.422	-0.017	12.78
11/30/2010 13:00	11904	7.354	233.2	34.33	17.1	5.902	240	37.69	13.52	43.7	45.08	25.38	21.01	0	549.7	26.66	5.416	-0.006	12.9
11/30/2010 14:00	11905	10.97	241	22.11	22.47	8.46	246.4	23.42	17.1	45.53	47.08	26.37	21.79	0	535	26.63	5.406	-0.01	12.8
11/30/2010 15:00	11906	13.15	236.5	15.33	22.47	9.8	240.6	17.33	18.89	47.21	48.64	27.84	23.27	0	466.8	26.61	5.397	-0.01	12.85
11/30/2010 16:00	11907	14	238.6	15.74	24.26	10.41	242.8	17.58	18.89	47.81	48.92	27.19	22.92	0	354.1	26.59	5.387	-0.01	14.56
11/30/2010 17:00	11908	12.1	239.2	11.1	18.89	8.89	243.5	13.79	17.1	48.81	49.47	25.94	22.12	0	209.5	26.56	5.378	-0.009	13.13
11/30/2010 18:00	11909	8.12	242.3	9.15	17.1	5.317	247.1	14.74	13.52	47.28	46.64	25.07	22.41	0	37.19	26.54	5.375	-0.003	13.01
11/30/2010 19:00	11910	3.297	232.2	18.41	8.16	1.184	196.6	54.7	4.578	42.31	38.95	28.88	28.62	0	0.048	26.5	5.37	-0.005	13.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
11/30/2010 20:00	11911	1	194.7	10.12	4.578	2.298	92.1	14.92	4.578	37.85	34.43	33.3	33.29	0	0	26.46	5.368	-0.002	14.68	
11/30/2010 21:00	11912	2.84	208	8.48	6.368	1.305	97.9	21.38	4.578	35.54	31.9	34.04	35.26	0	0	26.44	5.366	-0.002	12.23	
11/30/2010 22:00	11913	2.968	228.3	13.34	6.368	0.177	204.2	15.76	2.789	33.21	29.47	34.65	36.2	0	0	26.42	5.364	-0.002	12.43	
11/30/2010 23:00	11914	2.479	242.1	20.17	4.578	0.521	135.3	33.12	4.578	32.22	28.12	34.75	36.44	0	0	26.42	5.361	-0.003	12.85	
12/1/2010 0:00	11915	3.037	287.5	13.21	8.16	1.326	348.6	51.03	4.578	31.74	26.69	35.69	37.38	0	0	26.39	5.358	-0.003	12.16	
12/1/2010 1:00	11916	5.078	314.6	7.649	11.74	1.308	302	13.33	4.578	31.12	27.47	35.51	36.19	0	0	26.38	5.362	0.003	12.31	
12/1/2010 2:00	11917	4.549	306.2	21	11.74	1.86	273.6	37.19	8.16	30.85	27.66	36.22	36.09	0	0	26.36	5.361	0	12.79	
12/1/2010 3:00	11918	3.859	228.4	28.73	13.52	1.772	249.7	48.81	8.16	27.17	22.64	39.81	41.24	0	0	26.36	5.362	0.001	12.38	
12/1/2010 4:00	11919	1.419	259	12.73	4.578	0.378	307.6	21.31	2.789	26.28	21.98	41.32	42.92	0	0	26.34	5.363	0	12.46	
12/1/2010 5:00	11920	0.722	218	15.99	4.578	1.1	116.8	37.73	4.578	25.91	22.47	41.61	42.51	0	0	26.33	5.363	0	12.46	
12/1/2010 6:00	11921	0.913	300.3	24.88	4.578	1.783	72.04	34.28	4.578	25.53	22.38	42.31	42.64	0	0	26.32	5.363	0	14.97	
12/1/2010 7:00	11922	0.703	292.9	17.61	4.578	1.308	107.2	26	4.578	26.79	21.64	41.28	43.38	0	0	26.32	5.363	0	12.33	
12/1/2010 8:00	11923	1.217	245.8	26.44	4.578	1.337	121.6	43.19	4.578	25.99	20.87	42.09	43.55	0	9.28	26.32	5.363	0	12.29	
12/1/2010 9:00	11924	1.777	211.2	11.79	4.578	1.602	211.1	27.88	4.578	32.23	30.58	34.92	33.1	0	149.5	26.35	5.364	0.002	12.13	
12/1/2010 10:00	11925	4.041	203.4	15.01	8.16	3.347	211.9	17.2	6.368	39.62	40.22	27.68	24.07	0	310.4	26.41	5.361	-0.003	12.53	
12/1/2010 11:00	11926	5.923	213.2	17.56	9.95	4.521	219.7	20.32	8.16	47.49	48.54	19.39	15.74	0	340	26.48	5.359	-0.002	12.2	
12/1/2010 12:00	11927	7.181	215.3	17.85	13.52	5.511	221.3	20.5	9.95	53.14	54.49	14.78	10.97	0	491.4	26.51	5.352	-0.007	12.16	
12/1/2010 13:00	11928	8.49	226.4	16.45	13.52	6.616	232.6	19.17	11.74	57.06	58.28	12.22	8.47	0	539.6	26.51	5.338	-0.014	12.38	
12/1/2010 14:00	11929	9.33	216.8	18.2	17.1	6.894	222.7	20.91	13.52	60.69	62.44	9.37	5.423	0	523.9	26.5	5.319	-0.019	12.53	
12/1/2010 15:00	11930	12.45	195.1	15.5	20.68	8.89	198.5	16.48	17.1	61.1	62.95	9.5	5.433	0	499.2	26.47	5.3	-0.019	12.45	
12/1/2010 16:00	11931	10.36	180.6	19.33	20.68	8.8	181.8	20.3	15.31	61.53	62.35	8.05	4.287	0	419.9	26.43	5.287	-0.013	12.73	
12/1/2010 17:00	11932	2.736	281.3	39.84	42.15	6.831	179.6	0	11.74	60.36	61.55	7.894	3.942	0	142.3	26.42	5.234	-0.053	12.63	
12/1/2010 18:00	11933	8.27	195.5	7.853	13.52	2.135	190	9.28	20.68	57.63	56.28	10.84	7.917	0.12	33.5	26.38	4.892	-0.342	12.53	
12/1/2010 19:00	11934	7.385	184	7.784	11.74	1.707	174.6	10.95	4.578	51.97	48.33	15.78	14.5	0	0.048	26.33	4.891	-0.002	12.81	
12/1/2010 20:00	11935	1.859	143	39.97	6.368	0.37	50.88	3.445	2.789	49.6	46.83	17.33	16.06	0	0	26.32	4.891	0	12.77	
12/1/2010 21:00	11936	4.591	185.4	13.73	8.16	0.127	148.9	9.1	2.789	48.8	44.3	18.11	17.71	0	0	26.31	4.888	-0.003	12.14	
12/1/2010 22:00	11937	4.904	201.1	15.4	8.16	0.322	199.8	23.35	4.578	44.59	40.73	21.36	20.83	0	0	26.3	4.889	0.001	12.45	
12/1/2010 23:00	11938	4.511	232.6	24.75	11.74	0.967	239.5	25.48	6.368	43.85	40.19	22.06	21.66	0	0	26.3	4.886	-0.003	12.7	
12/2/2010 0:00	11939	4.249	262.9	20.06	8.16	0.988	292.8	20.4	4.578	41.63	37.52	24.03	24.24	0	0	26.29	4.883	-0.003	12.57	
12/2/2010 1:00	11940	3.609	250.4	17.61	8.16	0.224	291.6	9.83	4.578	41.2	37.27	25.18	25.18	0	0	26.29	4.883	0	12.44	
12/2/2010 2:00	11941	6.153	283.6	20.75	9.95	2.998	276.1	31.16	6.368	39.54	36.99	26.97	25.71	0	0	26.28	4.88	-0.003	12.7	
12/2/2010 3:00	11942	6.764	311.5	16.32	9.95	3.248	318	26.72	6.368	38.71	35.44	29.04	28.39	0	0	26.28	4.877	-0.003	12.55	
12/2/2010 4:00	11943	5.86	310.2	12.17	9.95	2.497	312.1	16.9	6.368	40.1	37.81	29.26	27.94	0	0	26.29	4.874	-0.003	12.29	
12/2/2010 5:00	11944	6.865	303.5	13.18	9.95	2.744	316	16.15	6.368	39.7	36.56	31.83	30.97	0	0	26.29	4.874	0	12.59	
12/2/2010 6:00	11945	7.088	297.2	8.62	9.95	3.862	296.8	13.74	6.368	39.44	37.79	36.08	33.93	0	0	26.29	4.87	-0.003	12.38	
12/2/2010 7:00	11946	5.023	303.3	8.79	8.16	0.941	294.6	9.16	4.578	36.37	34.75	44.45	41.87	0	0	26.3	4.87	0	12.61	
12/2/2010 8:00	11947	6.153	307.9	10.74	9.95	2.603	306.9	14.23	6.368	38.9	36.82	45.6	44.06	0	8.59	26.32	4.87	0	12.14	
12/2/2010 9:00	11948	7.372	309.8	11.1	11.74	5.547	309.3	12.6	9.95	45.16	44.66	39.72	36.51	0	148.3	26.35	4.863	-0.007	12.61	
12/2/2010 10:00	11949	6.774	300.7	10.71	9.95	5.675	300.8	12.68	9.95	52.06	52.1	32.18	28.82	0	340.9	26.43	4.858	-0.005	12.93	
12/2/2010 11:00	11950	8.91	306.5	12.43	18.89	7.086	307.5	16.53	15.31	61.57	62.07	24.67	21.28	0	502.1	26.51	4.844	-0.014	12.28	
12/2/2010 12:00	11951	11.58	320	19.97	20.68	9.41	319.1	20.53	17.1	68.7	69.27	20.01	16.68	0	606.3	26.55	4.833	-0.01	12.74	
12/2/2010 13:00	11952	12.9	340.3	15.21	22.47	10.03	340.2	17.96	18.89	71.33	72.26	18.06	14.52	0	649.1	26.55	4.823	-0.01	12.89	
12/2/2010 14:00	11953	11.49	324.4	15.69	18.89	9.34	323.9	16.54	15.31	72.82	73.62	16.32	12.83	0	631.3	26.54	4.817	-0.006	12.71	
12/2/2010 15:00	11954	10.38	321.2	14.52	18.89	7.736	320.6	18.2	15.31	73.99	74.84	15.01	11.45	0	523.5	26.51	4.801	-0.016	12.58	
12/2/2010 16:00	11955	9.88	313.4	14.97	17.1	7.816	314.8	17.61	15.31	74.12	74.6	14.47	11.06	0	389.6	26.51	4.782	-0.019	12.77	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/2/2010 17:00	11956	7.869	311.1	11.83	13.52	5.679	311	15.47	11.74	73.96	74.37	14.61	11.21	0	232.6	26.5	4.763	-0.019	12.77
12/2/2010 18:00	11957	4.094	323.3	9.15	8.16	1.295	320.3	5.819	6.368	70.73	69	16.47	14.49	0	42.87	26.49	4.754	-0.009	13
12/2/2010 19:00	11958	1.359	329.8	8.82	4.578	0	0	0	0	63.3	57.85	20.89	21.37	0	0.061	26.46	4.75	-0.005	12.84
12/2/2010 20:00	11959	1.372	139.6	12.85	8.16	1.067	97.5	24.56	6.368	58.37	51.47	24.57	26.21	0	0	26.42	4.744	-0.006	12.7
12/2/2010 21:00	11960	7.333	77.43	21.29	11.74	3.749	59.92	12.57	6.368	56.9	50.43	25.9	27.81	0	0	26.4	4.742	-0.002	14.11
12/2/2010 22:00	11961	7.643	71.07	11.24	11.74	3.73	59.79	10.73	6.368	56.43	50.27	26.84	28.92	0	0	26.38	4.739	-0.003	12.98
12/2/2010 23:00	11962	7.61	79.39	8.26	11.74	3.437	62.51	9.85	6.368	52.78	48.26	30.36	31.32	0	0	26.39	4.732	-0.006	13.29
12/3/2010 0:00	11963	7.368	88.8	15.11	9.95	3.287	72.02	13.12	6.368	48.67	44.93	34.65	35.07	0	0	26.38	4.729	-0.003	12.61
12/3/2010 1:00	11964	7.208	100.8	7.969	18.89	3.263	77.09	9.48	6.368	47.84	43.71	35.83	36.82	0	0	26.36	4.724	-0.006	12.84
12/3/2010 2:00	11965	5.943	78.1	12.25	9.95	2.492	60.22	12.63	4.578	47.8	44.39	35.49	36.01	0	0	26.34	4.721	-0.003	12.68
12/3/2010 3:00	11966	1.729	143.1	42.17	4.578	0.245	58.12	2.242	4.578	46	40.99	36.89	39.32	0	0	26.32	4.718	-0.003	12.71
12/3/2010 4:00	11967	1.617	171.7	19.85	4.578	0.054	45.01	8.88	2.789	43.16	38.9	40.32	42.05	0	0	26.31	4.718	0	12.59
12/3/2010 5:00	11968	1.218	296.1	10.44	4.578	0.167	106.3	5.251	2.789	42.67	36.4	40.66	43.85	0	0	26.29	4.715	-0.003	12.59
12/3/2010 6:00	11969	2.76	57.98	32.22	4.578	1.203	72.71	8.53	4.578	41	34.51	42.45	45.78	0	0	26.28	4.715	0	12.13
12/3/2010 7:00	11970	2.908	312.5	28.64	4.578	0.206	101.8	13.05	2.789	42.13	33.02	39.08	46.61	0	0	26.27	4.713	-0.003	12.17
12/3/2010 8:00	11971	3.027	306.7	13.62	6.368	0.097	123.8	5.236	2.789	40.63	32.63	39.76	46.47	0	10.86	26.27	4.713	0.001	12.25
12/3/2010 9:00	11972	3.332	239	21.05	6.368	0.617	235.2	5.424	4.578	46.21	43.34	33	33.12	0	165.5	26.29	4.709	-0.005	12.29
12/3/2010 10:00	11973	5.25	217.2	12.24	9.95	3.712	217.4	15.1	8.16	53.14	53.92	25.32	21.72	0	364.9	26.39	4.706	-0.003	12.17
12/3/2010 11:00	11974	8.38	220.2	11.53	13.52	6.188	221	15.04	11.74	59.11	60.27	18.92	15.27	0	519.1	26.45	4.698	-0.008	12.44
12/3/2010 12:00	11975	8.27	219	14.99	13.52	6.125	219.7	17.17	11.74	65.53	66.87	14.16	10.48	0	626.9	26.47	4.691	-0.007	12.3
12/3/2010 13:00	11976	8.64	219.2	19.95	15.31	6.401	218.7	22.47	11.74	70.99	72.4	9.83	6.156	0	675.3	26.47	4.684	-0.007	12.59
12/3/2010 14:00	11977	11.07	213.3	13.06	17.1	7.78	214.3	15.83	13.52	73.37	75.09	6.526	2.753	0	596.6	26.45	4.665	-0.019	12.61
12/3/2010 15:00	11978	12.26	216.4	11.34	18.89	8.62	217.5	14.35	15.31	75.22	76.7	4.419	1.742	0	560.9	26.43	4.646	-0.019	14.79
12/3/2010 16:00	11979	12.22	217.4	12.23	18.89	8.61	217.9	15.64	13.52	76.56	77.68	3.946	1.744	0	442.7	26.41	4.627	-0.019	12.96
12/3/2010 17:00	11980	9.81	212	9.17	17.1	6.279	212.6	12.34	11.74	75.48	75.7	4.211	1.738	0	178.8	26.4	4.611	-0.016	12.92
12/3/2010 18:00	11981	7.446	197.3	8.26	9.95	3.162	191.5	15.18	6.368	70.25	67.62	5.914	3.411	0	22.11	26.37	4.599	-0.012	12.86
12/3/2010 19:00	11982	7.356	195.8	7.676	13.52	2.645	185.6	12.21	8.16	65.47	61.74	7.251	5.315	0	0.01	26.34	4.591	-0.008	12.72
12/3/2010 20:00	11983	3.826	179.5	13.06	9.95	0.924	164.8	10.55	4.578	62.1	58.77	8.07	6.155	0	0	26.32	4.588	-0.003	13.01
12/3/2010 21:00	11984	3.858	178.1	16.89	8.16	0.909	128.7	26.32	4.578	59.62	56.21	9.34	7.372	0	0	26.31	4.582	-0.006	12.17
12/3/2010 22:00	11985	3.189	144.8	12.96	4.578	1.825	81.4	13.23	4.578	56.7	54.03	10.81	8.81	0	0	26.3	4.576	-0.006	12.13
12/3/2010 23:00	11986	2.098	159.2	19.41	4.578	0.6	63.47	15.14	2.789	55.66	52.57	11.69	10.62	0	0	26.29	4.574	-0.003	12.41
12/4/2010 0:00	11987	2.278	180.5	16.66	6.368	1.306	69.63	22.4	4.578	53.98	49.36	12.24	12.7	0	0	26.27	4.567	-0.006	12.25
12/4/2010 1:00	11988	1.315	190.4	12.82	4.578	0.8	76.98	10.03	2.789	51.7	47.48	13.51	14.11	0	0	26.26	4.564	-0.003	12.09
12/4/2010 2:00	11989	2.139	205.2	23.97	4.578	0.405	99	5.628	4.578	50.9	45.24	14.13	15.64	0	0	26.24	4.561	-0.003	12.2
12/4/2010 3:00	11990	4.209	277.8	8.76	8.16	1.633	310	6	6.368	49.76	44.58	15.72	16.08	0	0	26.24	4.543	-0.018	12.27
12/4/2010 4:00	11991	7.916	307.5	5.542	9.95	4.265	314.4	5.463	6.368	51.69	47.34	14.37	14.37	0	0	26.25	4.539	-0.004	12.56
12/4/2010 5:00	11992	9.5	327	8.96	15.31	5.64	324.7	14.22	11.74	52.6	49.99	14.54	13.03	0	0	26.26	4.536	-0.003	12.28
12/4/2010 6:00	11993	10.27	345.2	12.94	27.84	6.605	345	15.59	22.47	53.29	51.83	15.66	13.27	0	0	26.28	4.533	-0.003	12.12
12/4/2010 7:00	11994	20.68	15.86	12.13	31.42	14.54	15.84	13.68	29.63	54.11	53.73	21.91	18.62	0	0	26.33	4.529	-0.003	12.34
12/4/2010 8:00	11995	19.51	35.44	10.06	33.21	10.79	34.51	12.36	24.26	50.44	50.18	36.02	32.68	0	10.63	26.38	4.523	-0.006	12.22
12/4/2010 9:00	11996	18.73	34.8	10.72	33.21	10.38	33.3	12.54	22.47	49.07	49.1	44.82	41.07	0	154.6	26.42	4.517	-0.006	12.25
12/4/2010 10:00	11997	20.18	38.83	10.33	33.21	10.95	35.79	13.12	24.26	50.27	50.78	46.65	42.44	0	350.2	26.48	4.506	-0.01	12.35
12/4/2010 11:00	11998	20.84	41.66	10.68	34.99	11.5	38.44	13.88	31.42	51.93	52.95	44.98	40.32	0	509.9	26.54	4.49	-0.017	12.62
12/4/2010 12:00	11999	17.31	37.28	14.06	27.84	10.24	35.16	16.62	24.26	52.11	53.36	44.17	39.23	0	612	26.58	4.477	-0.013	12.29
12/4/2010 13:00	12000	14.48	38.38	14.09	24.26	8.53	35.75	16.13	18.89	52.92	54.48	42.39	37.17	0	658.9	26.6	4.467	-0.01	12.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/4/2010 14:00	12001	13.07	39.76	15.93	26.05	7.784	37.22	18.64	20.68	54.09	55.54	40	35	0	481.8	26.59	4.458	-0.01	12.3
12/4/2010 15:00	12002	12.08	45.97	13.71	20.68	7.133	42.04	17.56	17.1	54.31	55.44	38.7	34.11	0	345.2	26.56	4.452	-0.006	12.31
12/4/2010 16:00	12003	11.72	51.25	13.62	20.68	6.965	48.3	18.72	15.31	54.62	55.73	37.13	32.63	0	278.1	26.55	4.439	-0.013	12.07
12/4/2010 17:00	12004	11.1	51.64	12.32	17.1	6.51	48.15	17.36	13.52	53.97	54.5	36.34	32.44	0	146.2	26.55	4.433	-0.006	14.77
12/4/2010 18:00	12005	8.61	51.78	9.55	15.31	4.9	50.37	14.99	11.74	50.95	50.63	38.12	35.03	0	26.17	26.53	4.427	-0.006	12.34
12/4/2010 19:00	12006	7.354	41.88	9.19	11.74	3.316	42.13	14.58	6.368	47.18	46.4	41.19	38.54	0	0.001	26.53	4.421	-0.006	12.32
12/4/2010 20:00	12007	7.095	49.27	7.834	11.74	3.584	58.62	12.67	6.368	43.39	41.33	44.76	43.65	0	0	26.51	4.419	-0.003	12.29
12/4/2010 21:00	12008	8.2	53.71	6.246	11.74	4.195	56.01	12.08	8.16	40.4	38.82	47.13	45.59	0	0	26.5	4.417	-0.002	12.29
12/4/2010 22:00	12009	7.736	55.64	7.166	11.74	4.014	54.56	12.55	8.16	37.87	36.87	48.6	46.35	0	0	26.49	4.41	-0.006	12.31
12/4/2010 23:00	12010	7.501	52.81	8.43	11.74	4.321	56.11	13.6	8.16	37.99	37.33	47.25	44.6	0	0	26.5	4.41	0	12.14
12/5/2010 0:00	12011	7.859	59.25	8.49	13.52	4.505	57.26	13.58	9.95	37.1	36.65	47.5	44.49	0	0	26.5	4.404	-0.006	12.17
12/5/2010 1:00	12012	9.44	68.14	7.181	15.31	5.715	64.85	14.86	11.74	37.62	37.26	46.64	43.47	0	0	26.5	4.401	-0.003	12.31
12/5/2010 2:00	12013	7.39	58.84	8.68	11.74	4.309	57.59	13.72	8.16	34.64	34.25	51.11	47.77	0	0	26.5	4.398	-0.003	12.17
12/5/2010 3:00	12014	8.81	63.44	7.982	13.52	5.331	61.97	14.93	11.74	33.43	33.09	53.79	50.33	0	0	26.49	4.394	-0.003	12.19
12/5/2010 4:00	12015	10.63	72.84	9.03	17.1	6.315	69.73	16.7	13.52	33.13	32.82	57.01	53.42	0	0	26.48	4.395	0	14.15
12/5/2010 5:00	12016	9.43	74.27	9.29	15.31	5.636	71.11	16.62	11.74	32.51	32.17	59.38	55.83	0	0	26.47	4.392	-0.003	12.54
12/5/2010 6:00	12017	9.31	81.8	8.48	13.52	5.549	80.8	16.46	9.95	31.45	31.18	61.32	57.63	0	0	26.47	4.389	-0.003	12.24
12/5/2010 7:00	12018	7.121	78.8	10.33	15.31	3.993	76.6	17.02	9.95	30.28	30.01	63.88	60.07	0	0	26.48	4.39	0	12.12
12/5/2010 8:00	12019	5.572	62.38	12.18	9.95	2.327	61.64	14.05	6.368	28.09	27.49	67.61	63.82	0	3.089	26.5	4.39	0	12.34
12/5/2010 9:00	12020	11.8	77.28	10.9	24.26	7.148	74.84	18.28	17.1	29.47	29.69	68.21	63.25	0	139.6	26.51	4.386	-0.003	15.2
12/5/2010 10:00	12021	13.7	87.7	10.12	22.47	9.03	85.5	18.83	15.31	34.25	35.79	61.12	54.87	0	352.1	26.56	4.382	-0.005	12.1
12/5/2010 11:00	12022	11.44	88.9	12.78	18.89	7.808	86.2	20.32	13.52	38.5	40.81	51.88	45.38	0	521.7	26.62	4.38	-0.001	12.82
12/5/2010 12:00	12023	10.74	104.6	16.28	18.89	7.494	104	23.26	15.31	41.68	44.52	44.12	37.77	0	634.8	26.64	4.373	-0.007	12.76
12/5/2010 13:00	12024	9.32	133.1	16.91	17.1	6.49	134.7	24.61	13.52	45.24	48	36.41	30.82	0	681	26.64	4.366	-0.007	13.74
12/5/2010 14:00	12025	9.2	130.4	20.79	20.68	6.394	132.2	26.75	17.1	47.97	50.8	32.24	26.81	0	655.8	26.63	4.36	-0.006	12.66
12/5/2010 15:00	12026	7.226	98.2	33.13	15.31	5.007	95.5	40.26	11.74	50.41	52.68	28.44	23.63	0	566	26.65	4.349	-0.01	12.71
12/5/2010 16:00	12027	7.792	115.5	18.76	15.31	5.347	114.5	26.11	11.74	50.6	52.7	27.65	22.98	0	414.1	26.64	4.34	-0.009	13.24
12/5/2010 17:00	12028	8.42	115.2	13.43	13.52	5.519	113.4	21.35	11.74	49.9	51.52	28.3	23.97	0	231.2	26.62	4.331	-0.009	15.38
12/5/2010 18:00	12029	7.578	99.8	13.52	11.74	4.207	97.9	18.17	8.16	46.67	46.39	31.61	28.65	0	42.55	26.6	4.322	-0.009	12.15
12/5/2010 19:00	12030	8.42	89.2	5.605	11.74	4.125	89.1	13.53	6.368	40.08	38.41	38.91	36.96	0	0.012	26.57	4.314	-0.009	12.21
12/5/2010 20:00	12031	9.03	87.4	6.703	13.52	4.896	86.7	15.07	9.95	36.45	35.39	44.54	42.03	0	0	26.55	4.309	-0.005	12.11
12/5/2010 21:00	12032	9.03	85.9	8.26	13.52	4.879	83.5	16.26	9.95	34.57	33.59	47.94	45.35	0	0	26.54	4.302	-0.006	12.33
12/5/2010 22:00	12033	8.93	81.3	7.546	11.74	4.877	78.37	15.71	8.16	32.94	32.2	49.79	46.96	0	0	26.55	4.297	-0.006	12.33
12/5/2010 23:00	12034	9.27	82.7	9.2	13.52	5.282	79.14	16.3	9.95	31.77	31.1	51.26	48.3	0	0	26.55	4.297	0.001	12.32
12/6/2010 0:00	12035	9.35	73.49	11.58	13.52	5.356	70.07	17.68	9.95	30.13	29.55	54.02	50.87	0	0	26.55	4.294	-0.003	12.18
12/6/2010 1:00	12036	9.31	63.58	7.15	15.31	5.54	59.29	13.7	9.95	27.92	27.41	56.93	53.7	0	0	26.56	4.291	-0.003	12.06
12/6/2010 2:00	12037	7.763	74.8	14.34	13.52	4.439	68.54	16.68	8.16	26.93	26.29	57.89	54.86	0	0	26.56	4.285	-0.006	12.13
12/6/2010 3:00	12038	8.09	67.1	8.27	11.74	4.475	59.54	14.62	9.95	25.65	25.08	59.64	56.41	0	0	26.54	4.282	-0.003	12.23
12/6/2010 4:00	12039	8.08	72.32	8.37	11.74	4.477	65.21	14.87	8.16	24.91	24.2	60.53	57.5	0	0	26.52	4.282	0.001	12.06
12/6/2010 5:00	12040	7.718	58.43	8.73	11.74	3.882	55.72	14.67	8.16	23.25	22.4	63.24	60.2	0	0	26.52	4.283	0	12.12
12/6/2010 6:00	12041	7.897	51.37	7.024	11.74	4.261	53.92	14.23	8.16	24.1	23.27	62.53	59.65	0	0	26.52	4.283	0	12.1
12/6/2010 7:00	12042	7.974	55.06	10.23	11.74	4.358	52.5	14.75	8.16	24.03	23.54	63.13	59.7	0	0	26.53	4.283	0	12.18
12/6/2010 8:00	12043	6.894	60.34	6.987	9.95	3.727	57.68	12.76	6.368	22.59	22.2	65.53	61.77	0	9.03	26.53	4.283	0	15.03
12/6/2010 9:00	12044	4.73	81.7	22.67	8.16	2.134	72.7	21.08	6.368	25.19	25.44	61.7	57.38	0	104.6	26.54	4.282	-0.001	12.12
12/6/2010 10:00	12045	5.974	148.4	17.23	9.95	4.011	150.1	21.88	8.16	33.93	35.52	48.36	43.15	0	341.1	26.59	4.284	0.001	12.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/6/2010 11:00	12046	5.865	165.7	20.34	11.74	3.968	169.7	25.2	8.16	39.52	41.36	40.35	35.27	0	492	26.66	4.275	-0.008	14.71
12/6/2010 12:00	12047	7.968	188.6	24.48	15.31	5.692	191.8	27.78	13.52	43.39	45.48	36.97	31.62	0	609.7	26.68	4.262	-0.014	12.41
12/6/2010 13:00	12048	8.88	180.3	20.72	15.31	6.208	184	24.93	11.74	46.25	48.52	35.98	30.57	0	653.6	26.66	4.258	-0.003	12.94
12/6/2010 14:00	12049	9.43	189.3	18.87	18.89	6.619	191.6	23.83	13.52	48.48	50.81	32.47	27.15	0	642.8	26.63	4.249	-0.01	12.47
12/6/2010 15:00	12050	9.62	182.3	18.1	24.26	6.664	185	22.4	18.89	49.66	51.89	31.17	25.97	0	543.8	26.6	4.242	-0.007	12.23
12/6/2010 16:00	12051	9.56	185.3	15.48	17.1	6.608	187.2	18.65	13.52	50.46	52.23	30.49	25.67	0	421.8	26.59	4.236	-0.006	13.09
12/6/2010 17:00	12052	8.88	180.9	17.8	13.52	5.847	183.5	21.58	13.52	50.28	51.69	30.94	26.47	0	233.6	26.56	4.227	-0.009	13.22
12/6/2010 18:00	12053	6.56	167.6	11.98	13.52	2.586	162.4	19.81	8.16	46.8	45.15	34.4	32.49	0	13.94	26.51	4.199	-0.028	12.42
12/6/2010 19:00	12054	5.958	151.2	8.41	8.16	0.834	123.7	10.69	2.789	41.89	38.54	39.4	39.03	0	0.014	26.44	4.193	-0.006	12.92
12/6/2010 20:00	12055	5.811	143.8	7.026	8.16	0.964	114.6	10.85	4.578	39.85	37	42	41.28	0	0	26.41	4.195	0.001	12.17
12/6/2010 21:00	12056	5.964	147.2	6.733	8.16	1.042	128.9	8.55	4.578	39.21	37.08	42.89	41.63	0	0	26.38	4.191	-0.003	12.63
12/6/2010 22:00	12057	5.447	138	10.53	8.16	1.365	121.4	12.91	4.578	39.45	38.07	43	41.09	0	0	26.36	4.191	0	12.57
12/6/2010 23:00	12058	4.789	132.7	10.56	6.368	0.9	100.1	11.05	2.789	39.38	38.03	43.53	41.58	0	0	26.35	4.188	-0.003	14.44
12/7/2010 0:00	12059	3.589	180.1	17.39	6.368	0.246	181.7	9.8	2.789	39.83	38.36	43.74	41.88	0	0	26.34	4.188	0	12.16
12/7/2010 1:00	12060	3.132	209.3	9.37	6.368	0.118	205.4	2.03	2.789	39.97	38.95	44.8	42.3	0	0	26.32	4.185	-0.003	12.18
12/7/2010 2:00	12061	2.967	235.7	16.8	4.578	0.087	303.2	1.592	2.789	39.47	38.4	45.83	43.48	0	0	26.3	4.185	0	13.04
12/7/2010 3:00	12062	3.235	207.3	18.26	6.368	0.198	171.8	2.92	2.789	39.14	37.39	46.4	44.63	0	0	26.27	4.185	0	14.78
12/7/2010 4:00	12063	3.295	216.3	18.77	6.368	0.014	188.9	0.589	2.789	37.68	35.31	48.96	47.89	0	0	26.25	4.182	-0.003	12.44
12/7/2010 5:00	12064	3.855	229.5	16.99	6.368	0.185	228.4	9.83	2.789	36.47	33.09	50.88	51.46	0	0	26.21	4.182	0	12.17
12/7/2010 6:00	12065	3.719	272.6	15	6.368	0.157	308.7	5.195	2.789	35.86	32.53	52.43	52.63	0	0	26.2	4.183	0.001	12.12
12/7/2010 7:00	12066	3.789	298.8	12.06	6.368	0.03	307	1.096	2.789	34.74	31.33	54.81	55.14	0	0	26.19	4.18	-0.003	12.2
12/7/2010 8:00	12067	3.292	351.8	29.31	11.74	1.554	35.98	22.81	9.95	33.22	29.15	56.35	56.51	0	7.038	26.19	4.18	0	12.18
12/7/2010 9:00	12068	2.574	329	39.13	9.95	1.592	330.5	35.32	8.16	38.82	38.15	48.73	45.73	0	144.3	26.22	4.176	-0.004	12.17
12/7/2010 10:00	12069	6.265	267	11.53	9.95	5.235	264.5	13.65	8.16	46.03	46.57	40.31	36.15	0	341.3	26.29	4.171	-0.005	12.13
12/7/2010 11:00	12070	7.167	272.1	19.91	18.89	5.81	271	23.02	15.31	55.6	56.19	30.44	26.85	0	505.7	26.35	4.16	-0.011	12.25
12/7/2010 12:00	12071	19.98	318.4	11.23	34.99	16.05	318.5	12.12	29.63	65.3	65.91	23.44	20.15	0	599.5	26.38	4.127	-0.033	12.51
12/7/2010 13:00	12072	23.99	321.5	10.44	36.78	19.22	322.3	12	33.21	67.68	68.5	14.51	11.15	0	650.9	26.38	4.098	-0.029	12.2
12/7/2010 14:00	12073	24.73	327.3	11.16	38.57	19.67	327.1	12.68	33.21	66.94	67.99	14.52	10.87	0	646.2	26.39	4.082	-0.016	12.66
12/7/2010 15:00	12074	21.79	342.7	13.84	40.36	16.75	341.5	15.09	33.21	65.86	66.77	17.06	13.35	0	561.1	26.4	4.083	0	12.61
12/7/2010 16:00	12075	19.51	356.8	12.48	34.99	14.49	355.1	15.25	27.84	65.04	65.69	19	15.38	0	418.5	26.41	4.083	0	13.86
12/7/2010 17:00	12076	19.61	4.918	11.62	31.42	14.42	3.214	14.18	27.84	62.94	63.23	20.91	17.51	0	230.8	26.44	4.067	-0.016	13.07
12/7/2010 18:00	12077	17.43	13.2	10.96	29.63	12.83	12.98	12.1	26.05	59.11	59.03	23.91	20.66	0	42.22	26.45	4.052	-0.015	12.95
12/7/2010 19:00	12078	13.49	21.62	8.91	22.47	9.08	19.86	11.4	18.89	54.57	54.32	30.83	27.65	0	0.014	26.45	4.04	-0.012	12.76
12/7/2010 20:00	12079	10.57	24.22	8.96	17.1	5.65	26.32	11.41	11.74	50.02	49.51	36.48	33.49	0	0	26.45	4.028	-0.012	14.26
12/7/2010 21:00	12080	11.39	23.5	8.77	18.89	6.515	24.05	11.57	13.52	47.3	46.83	41.43	38.28	0	0	26.46	4.019	-0.009	14.96
12/7/2010 22:00	12081	10.96	22.26	9.07	17.1	6.677	22.07	11.32	15.31	44.72	44.33	48.04	44.76	0	0	26.46	4.012	-0.006	12.16
12/7/2010 23:00	12082	9.59	8.03	11.59	17.1	6.484	4.872	13.86	13.52	42.38	41.86	52.17	49.03	0	0	26.47	4.007	-0.006	12.55
12/8/2010 0:00	12083	9.32	30.14	10.24	15.31	5.004	30.38	12.06	11.74	38.69	38.43	57.44	53.85	0	0	26.48	4.004	-0.003	12.55
12/8/2010 1:00	12084	8.77	31.71	11.27	15.31	4.779	31.84	12.34	11.74	36.93	36.75	60.64	56.92	0	0	26.48	4.001	-0.003	12.54
12/8/2010 2:00	12085	6.265	9.87	10.73	11.74	3.774	3.457	12.62	9.95	35.26	34.83	62.68	59.22	0	0	26.48	3.995	-0.006	12.61
12/8/2010 3:00	12086	7.986	332.2	15.64	13.52	4.963	332.4	18.4	8.16	33.43	32.48	64.68	61.75	0	0	26.48	3.992	-0.003	12.17
12/8/2010 4:00	12087	7.883	326.1	6.636	11.74	4.899	325.5	9.59	8.16	31.66	31.05	67.79	64.25	0	0	26.48	3.993	0.001	12.26
12/8/2010 5:00	12088	8.79	329.5	8.52	15.31	5.767	328.1	11.78	11.74	31.71	31.07	69.1	65.64	0	0	26.47	3.993	0	12.93
12/8/2010 6:00	12089	5.133	352.3	19.99	11.74	2.7	349.9	22.83	8.16	32.27	30.84	70.24	66.91	0	0	26.46	3.971	-0.022	12.09
12/8/2010 7:00	12090	2.651	299	25.82	8.16	0.77	261.6	13.37	4.578	29.17	27.9	76.43	72.56	0	0	26.47	3.967	-0.003	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/8/2010 8:00	12091	0.753	235.9	41.75	4.578	0.28	117	8.45	2.789	26.42	22.62	76.9	72.6	0	7.719	26.46	3.968	0.001	12.06
12/8/2010 9:00	12092	1.542	249.3	32.6	4.578	0.262	236.7	4.611	4.578	31.46	30.07	68.35	63.26	0	147.6	26.47	3.967	0	12.34
12/8/2010 10:00	12093	3.748	268.9	14.75	6.368	2.859	267	17.24	6.368	39.45	39.9	58.24	53.07	0	343.7	26.55	3.962	-0.005	12.37
12/8/2010 11:00	12094	6.146	236.5	23.14	13.52	4.571	237.6	25.11	9.95	48.59	49.42	49.9	45.14	0	512.7	26.63	3.96	-0.002	12.81
12/8/2010 12:00	12095	8.53	237.8	19.63	15.31	6.63	237.8	20.78	11.74	52.04	53.1	44.04	39.35	0	628.3	26.65	3.954	-0.007	12.54
12/8/2010 13:00	12096	10.18	234.9	17.73	18.89	7.788	234.1	19.5	15.31	54.56	55.89	39.16	34.38	0	677.6	26.63	3.947	-0.007	12.94
12/8/2010 14:00	12097	11.09	223.6	17.82	18.89	8.23	223.6	19.9	15.31	56.49	58.05	35.91	31.06	0	658.7	26.6	3.937	-0.01	12.97
12/8/2010 15:00	12098	12.23	214.2	13.73	18.89	8.79	215.8	16.11	15.31	57.75	59.43	33.75	28.87	0	573.1	26.58	3.927	-0.01	12.75
12/8/2010 16:00	12099	11.6	217.4	13.33	18.89	8.26	217.6	16.43	17.1	58.81	60.11	31.76	27.29	0	427.9	26.57	3.915	-0.013	12.95
12/8/2010 17:00	12100	12.4	210	10.26	18.89	8.28	210.7	13.28	17.1	58.6	59.51	31.2	27.17	0	243.3	26.54	3.905	-0.009	14.61
12/8/2010 18:00	12101	8.83	190.4	9.91	15.31	4.761	187.9	16.54	11.74	54.89	53.9	34.59	32.32	0	46.09	26.5	3.9	-0.005	12.92
12/8/2010 19:00	12102	7.713	173.2	4.207	9.95	2.277	161.4	6.561	4.578	48.5	43.89	41.54	43.08	0	0.073	26.44	3.895	-0.005	12.93
12/8/2010 20:00	12103	7.488	180.3	4.474	9.95	1.63	166.5	6.554	4.578	44.41	39.98	46.33	48.02	0	0	26.4	3.889	-0.006	12.9
12/8/2010 21:00	12104	5.884	195	5.023	8.16	0.64	174.5	6.506	2.789	42.24	37.51	49.26	51.47	0	0	26.37	3.887	-0.002	12.35
12/8/2010 22:00	12105	4.913	214.5	8.16	8.16	0.03	223.5	1.819	2.789	40.15	35.4	52.25	54.94	0	0	26.34	3.884	-0.003	13.16
12/8/2010 23:00	12106	5.436	211.7	10.42	9.95	0.464	210.9	5.741	4.578	38.91	35.12	54.06	55.31	0	0	26.32	3.884	0	12.13
12/9/2010 0:00	12107	5.83	246.1	6.779	8.16	1.498	271.6	8.44	4.578	37.51	33.79	56.24	57.25	0	0	26.3	3.881	-0.003	12.85
12/9/2010 1:00	12108	4.575	243.6	8.45	9.95	0.358	260.7	2.702	2.789	36.8	33.75	57.9	58.49	0	0	26.28	3.881	0	14.85
12/9/2010 2:00	12109	4.291	232.4	15.43	6.368	0	0	0	0	36.94	32.13	58.88	62.3	0	0	26.26	3.879	-0.003	12.16
12/9/2010 3:00	12110	5.706	217.7	6.876	9.95	0.174	241.6	4.21	2.789	35.21	30.37	61.13	63.95	0	0	26.25	3.879	0	14.08
12/9/2010 4:00	12111	5.225	248.9	17.7	9.95	0.613	233.5	6.363	4.578	33.61	28.55	63.6	66.11	0	0	26.23	3.879	0	12.26
12/9/2010 5:00	12112	5.532	242.6	14.88	8.16	0.325	234.2	7.298	4.578	32.1	27.82	65.51	67.12	0	0	26.21	3.879	0	12.29
12/9/2010 6:00	12113	7.909	232.1	5.212	11.74	2.518	230.7	8.58	4.578	30.51	26.82	67.89	68.82	0	0	26.2	3.879	0	12.38
12/9/2010 7:00	12114	6.74	230.9	9.59	9.95	1.766	237.1	14.32	4.578	29.04	26.33	68.02	68.14	0	0	26.19	3.882	0.003	12.21
12/9/2010 8:00	12115	6.564	236	12.19	9.95	1.344	241.9	16.57	4.578	30.13	26.7	65.61	67.17	0	8.81	26.19	3.882	0	12.83
12/9/2010 9:00	12116	6.385	238.2	10.46	9.95	3.758	239.7	11.24	8.16	35.23	34.58	54.82	52.72	0	155	26.22	3.881	-0.001	12.66
12/9/2010 10:00	12117	7.302	240.3	12.7	11.74	5.672	239.8	14.67	9.95	46.12	46.56	36.41	33	0	355	26.29	3.87	-0.011	12.78
12/9/2010 11:00	12118	8.26	239.9	11.91	15.31	6.561	238.1	13.92	13.52	55.15	55.79	26.7	23.38	0	549.6	26.37	3.852	-0.017	13.07
12/9/2010 12:00	12119	12.96	239.3	10.34	18.89	10.07	237.9	11.4	15.31	63.35	64.08	16.9	13.65	0	502.8	26.39	3.845	-0.008	12.99
12/9/2010 13:00	12120	13.02	259.2	18.19	18.89	10.37	258.1	19.43	17.1	65.92	66.57	13.74	10.43	0	485.7	26.38	3.835	-0.01	12.91
12/9/2010 14:00	12121	13.02	256.2	13.16	18.89	10.52	254.5	14.42	17.1	68.97	69.68	10.25	6.82	0	490.8	26.36	3.829	-0.006	14.45
12/9/2010 15:00	12122	14.01	250.5	13.14	20.68	10.97	248.3	14.19	18.89	69.91	70.39	9.93	6.544	0	409.5	26.34	3.813	-0.016	12.98
12/9/2010 16:00	12123	10.05	261.6	11.03	17.1	8.04	259.5	12.49	15.31	70.38	70.6	9.43	6.078	0	284.6	26.34	3.797	-0.016	12.87
12/9/2010 17:00	12124	7.907	266.7	12.51	13.52	6.227	264.9	13.4	11.74	71.04	71.32	8.74	5.338	0	225.2	26.35	3.785	-0.013	13
12/9/2010 18:00	12125	4.208	284	30.21	8.16	1.543	269.2	21.89	6.368	66.37	64.33	11.03	9.17	0	34.81	26.34	3.775	-0.009	12.9
12/9/2010 19:00	12126	2.751	356.3	14.57	4.578	1.322	59.59	6.543	4.578	62.49	54.59	12.28	15.12	0	0.141	26.31	3.77	-0.005	12.59
12/9/2010 20:00	12127	4.602	349.4	27.26	13.52	1.501	29.77	18.84	9.95	61.76	51.87	11.88	15.94	0	0	26.28	3.768	-0.002	12.39
12/9/2010 21:00	12128	9.3	32.52	15.56	15.31	4.936	35.5	20.34	11.74	55.61	53.83	18.12	16.06	0	0	26.28	3.758	-0.01	12.6
12/9/2010 22:00	12129	8.85	58.51	7.959	11.74	4.398	54.95	13.24	8.16	51.81	49.01	22.86	21.72	0	0	26.28	3.755	-0.003	12.9
12/9/2010 23:00	12130	8.58	49.65	7.898	11.74	4.065	49.05	12.36	6.368	49.22	46.72	26.85	25.54	0	0	26.27	3.752	-0.003	12.54
12/10/2010 0:00	12131	8.65	45.18	8.04	11.74	4.352	49.11	13.49	8.16	48.67	46.26	29.72	28.24	0	0	26.26	3.752	0	12.78
12/10/2010 1:00	12132	9.12	43.76	8.82	17.1	4.57	45.85	13.94	9.95	47.38	45.53	33.02	31.23	0	0	26.25	3.746	-0.006	12.74
12/10/2010 2:00	12133	9.04	44.47	8.15	13.52	4.5	48.63	13.41	8.16	46.1	43.72	35.88	34.75	0	0	26.24	3.743	-0.003	12.98
12/10/2010 3:00	12134	8.99	47.31	10.14	15.31	4.78	54.65	16.77	9.95	44.44	42.62	38.83	37.3	0	0	26.23	3.74	-0.003	12.82
12/10/2010 4:00	12135	8.77	43.87	10.47	13.52	4.371	48.31	15.56	8.16	42.32	40.93	42.03	40.09	0	0	26.22	3.741	0.001	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/10/2010 5:00	12136	7.435	45.66	10.15	13.52	3.276	52.41	17.05	8.16	40.82	38.96	44.07	42.88	0	0	26.2	3.738	-0.003	12.29
12/10/2010 6:00	12137	5.243	29.16	14.06	9.95	1.662	33.28	15.88	4.578	39.93	38.69	45.27	43.33	0	0	26.19	3.734	-0.003	12.6
12/10/2010 7:00	12138	4.743	29.77	18.83	9.95	1.107	49.89	15.25	8.16	38.54	34.79	47.05	48.33	0	0	26.18	3.731	-0.003	12.5
12/10/2010 8:00	12139	6.133	26.4	10.6	11.74	2.205	34.45	15.08	8.16	39.66	37.88	45.74	44.61	0	5.466	26.18	3.728	-0.003	14.33
12/10/2010 9:00	12140	4.544	13.31	24.58	9.95	1.947	12.8	17.68	6.368	42.57	41.7	42.48	39.77	0	139.7	26.21	3.719	-0.01	12.66
12/10/2010 10:00	12141	5.142	35.54	22.37	9.95	2.742	34.03	19.79	8.16	49	49.93	36.43	32.3	0	332	26.27	3.717	-0.002	12.37
12/10/2010 11:00	12142	4.051	84	54.96	8.16	2.187	83	54.8	6.368	56.17	57.48	30.27	26.38	0	498.3	26.34	3.712	-0.004	12.76
12/10/2010 12:00	12143	4.639	265.7	34.5	9.95	3.533	264.3	28.91	9.95	61.84	62.54	24.02	20.4	0	603.5	26.37	3.708	-0.004	12.67
12/10/2010 13:00	12144	8.3	270	16.76	13.52	6.69	268	19.9	11.74	64.7	65.58	19.1	15.42	0	605.8	26.35	3.696	-0.013	14.41
12/10/2010 14:00	12145	9.4	260.8	18.94	17.1	7.271	259.6	21.28	15.31	68.93	69.85	15.39	11.77	0	580.3	26.31	3.683	-0.013	12.71
12/10/2010 15:00	12146	11.66	276	16.83	18.89	9.45	274.8	20.58	17.1	72.05	72.84	13.21	9.65	0	534.4	26.29	3.67	-0.013	13.04
12/10/2010 16:00	12147	12.54	258.9	13.9	20.68	9.56	256.8	16.43	17.1	73.1	73.77	12.5	8.97	0	409.4	26.28	3.648	-0.022	12.96
12/10/2010 17:00	12148	12.14	250.1	11.56	20.68	8.5	247.5	14.53	17.1	72.41	72.66	14.96	11.65	0	201.2	26.26	3.632	-0.015	13.74
12/10/2010 18:00	12149	7.789	241.2	7.51	11.74	4.254	238.2	10.51	8.16	67.43	66.41	18.73	16.23	0	26.03	26.23	3.591	-0.041	13.06
12/10/2010 19:00	12150	7.267	244.1	13.28	11.74	2.836	245.6	15.57	6.368	60.56	57.84	23.62	22.3	0	0.05	26.19	3.592	0.001	12.99
12/10/2010 20:00	12151	6.474	269.9	17.23	11.74	3.233	274.7	26.45	8.16	59.11	56.21	25.88	25.04	0	0	26.17	3.586	-0.006	12.87
12/10/2010 21:00	12152	6.6	265.1	10.88	11.74	3.571	259.8	34.32	8.16	58.31	55.8	28.34	27.06	0	0	26.17	3.583	-0.003	13.04
12/10/2010 22:00	12153	3.978	242.7	37.63	9.95	2.09	179.9	73.82	8.16	55.17	50.16	31.85	32.57	0	0	26.15	3.578	-0.006	12.84
12/10/2010 23:00	12154	7.908	297.1	14.71	13.52	4.368	308	19.31	9.95	54.43	51.81	34.62	34.07	0	0	26.14	3.571	-0.006	13.7
12/11/2010 0:00	12155	9.14	308	7.68	11.74	5.611	310.3	9.63	9.95	53.48	51.88	35.44	33.9	0	0	26.14	3.568	-0.003	13.29
12/11/2010 1:00	12156	9.29	310.7	7.677	17.1	6.026	310.6	8.9	11.74	51.95	50.74	36.82	34.85	0	0	26.14	3.562	-0.006	14.34
12/11/2010 2:00	12157	11.69	309.8	7.447	18.89	8.3	310.1	8.03	15.31	51.36	50.48	38.18	35.76	0	0	26.15	3.552	-0.01	14.96
12/11/2010 3:00	12158	11.15	305.5	8.7	17.1	7.714	307.4	9.43	13.52	51.67	50.7	38.38	36.1	0	0	26.16	3.552	0	12.99
12/11/2010 4:00	12159	7.615	296.2	8.97	13.52	3.788	294.5	17.6	8.16	49.55	46.83	39.12	39.2	0	0	26.17	3.552	0	12.72
12/11/2010 5:00	12160	6.539	295.3	17.66	11.74	2.731	278.1	21.88	8.16	48.54	45.8	36.93	37.16	0	0	26.16	3.546	-0.006	12.21
12/11/2010 6:00	12161	11.21	345.3	29.19	27.84	6.837	348.4	30.74	26.05	52	49.07	32.17	32.28	0	0	26.18	3.546	0	12.88
12/11/2010 7:00	12162	15.54	25.73	9.77	24.26	9.4	25.49	12.18	22.47	48	47.77	37	33.92	0	0	26.24	3.54	-0.006	12.23
12/11/2010 8:00	12163	13.56	23.64	9.79	24.26	8.42	23.53	12.09	20.68	45.5	45.29	38.21	35.02	0	4.383	26.27	3.537	-0.003	12.47
12/11/2010 9:00	12164	13.05	28.89	11.3	20.68	7.689	28.01	12.9	18.89	45.11	45.06	37.74	34.38	0	100.2	26.3	3.533	-0.003	13.03
12/11/2010 10:00	12165	15.93	36.39	11.54	26.05	8.91	34.12	13.11	18.89	47.35	47.74	31.56	28.01	0	256.9	26.34	3.524	-0.01	12.84
12/11/2010 11:00	12166	17.86	41.78	10.95	29.63	10.1	38.63	13.98	22.47	49.67	50.56	26.51	22.71	0	462.4	26.39	3.513	-0.011	12.84
12/11/2010 12:00	12167	14.74	46.49	13.28	26.05	8.59	42.9	17.51	18.89	52.14	53.71	23.08	18.86	0	590.6	26.44	3.507	-0.007	12.83
12/11/2010 13:00	12168	10.63	48.41	17.12	17.1	6.529	42.93	20.39	13.52	54.32	56.17	21.9	17.52	0	649.6	26.46	3.494	-0.013	14.83
12/11/2010 14:00	12169	8.11	48.76	26.29	15.31	5.294	44.06	29.99	11.74	56.01	58.08	20.5	16	0	640.4	26.46	3.483	-0.01	13.23
12/11/2010 15:00	12170	7.203	64.75	24.53	15.31	4.839	60.51	31.66	11.74	57.01	59.02	19.93	15.5	0	555.8	26.46	3.474	-0.01	13.16
12/11/2010 16:00	12171	4.167	80.1	53.19	11.74	2.614	73.38	48.63	8.16	59.2	60.22	18.81	15.01	0	412.9	26.47	3.461	-0.013	13
12/11/2010 17:00	12172	8.37	60.83	16.69	13.52	5.205	57.78	20.66	11.74	56.54	57.74	21.08	17.02	0	221.4	26.47	3.443	-0.019	13.18
12/11/2010 18:00	12173	8.83	65	7.878	13.52	5.37	62.84	14.32	11.74	52.06	51.82	25.15	21.98	0	35.76	26.44	3.418	-0.025	13.03
12/11/2010 19:00	12174	8.26	60.9	7.415	13.52	4.612	60.54	13.89	8.16	45.69	44.65	31.17	28.6	0	0.08	26.4	3.41	-0.008	12.88
12/11/2010 20:00	12175	10.54	64.14	8.23	15.31	6.283	62.12	15.07	11.74	43.79	43.01	33.18	30.41	0	0	26.39	3.403	-0.006	12.85
12/11/2010 21:00	12176	10.78	57.09	7.93	17.1	6.754	56.51	13.82	11.74	42.3	41.7	34.44	31.5	0	0	26.41	3.401	-0.002	12.31
12/11/2010 22:00	12177	10.41	55.51	8.63	15.31	6.272	54.8	14.3	11.74	39.03	38.49	37.85	34.75	0	0	26.42	3.392	-0.009	12.33
12/11/2010 23:00	12178	9.72	51.55	7.802	13.52	5.754	52.24	13.93	11.74	36.9	36.34	39.21	36.13	0	0	26.44	3.389	-0.003	12.18
12/12/2010 0:00	12179	10.96	44.05	8.12	17.1	5.533	41.88	13.09	9.95	35.38	34.8	40.49	37.44	0	0	26.46	3.385	-0.003	12.84
12/12/2010 1:00	12180	10.12	31.89	10.31	29.63	5.377	31.27	12.22	18.89	34.99	34.67	40.98	37.59	0	0	26.46	3.382	-0.003	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/12/2010 2:00	12181	10.03	29.21	9.43	17.1	5.089	29.85	11.67	11.74	33.27	32.96	42.92	39.51	0	0	26.45	3.379	-0.003	12.2
12/12/2010 3:00	12182	11.96	23.13	8.76	17.1	7.131	23.86	11.74	15.31	33.01	32.77	42.24	38.76	0	0	26.48	3.376	-0.003	12.5
12/12/2010 4:00	12183	9.94	29.95	10.44	15.31	5.47	29.91	12.05	11.74	31.97	31.76	43.97	40.38	0	0	26.48	3.371	-0.006	12.5
12/12/2010 5:00	12184	10.61	28.79	10.07	15.31	5.796	27.8	11.96	13.52	30.75	30.52	45.56	41.94	0	0	26.49	3.371	0	12.28
12/12/2010 6:00	12185	11.8	24.96	9.35	18.89	6.711	25.22	11.59	13.52	29.9	29.65	46.08	42.55	0	0	26.5	3.371	0	12.49
12/12/2010 7:00	12186	10.46	18.49	9	15.31	7.352	16.75	11.02	13.52	29.19	29.02	46.66	42.98	0	0	26.51	3.371	0	12.48
12/12/2010 8:00	12187	10.69	16.61	8.51	15.31	7.623	16.44	9.86	13.52	29.12	28.86	46.3	42.79	0	6.105	26.52	3.371	0	12.26
12/12/2010 9:00	12188	8.19	21.56	9.84	13.52	5.323	21.79	12.42	9.95	30.9	30.99	44.23	40.12	0	138.4	26.55	3.348	-0.022	14.47
12/12/2010 10:00	12189	6.566	41.04	12.03	9.95	3.736	36.6	13.74	8.16	35.98	36.92	38.65	34.06	0	324.1	26.62	3.351	0.002	12.67
12/12/2010 11:00	12190	6.341	72.91	17.04	9.95	4.304	67.77	25.01	8.16	41.26	43.24	28.48	23.84	0	481.2	26.67	3.343	-0.008	12.82
12/12/2010 12:00	12191	6.902	135.5	32.57	13.52	4.797	138	39.44	11.74	44.8	47.25	18.79	14.4	0	617.7	26.69	3.342	-0.001	12.75
12/12/2010 13:00	12192	6.161	177.4	37.03	13.52	4.256	177.9	39.66	11.74	47.13	49.13	19.87	15.44	0	663.8	26.68	3.336	-0.006	14.26
12/12/2010 14:00	12193	6.267	190.9	41.35	17.1	4.546	195.8	43.63	11.74	49.14	50.71	19.52	15.29	0	649.6	26.67	3.332	-0.004	14.46
12/12/2010 15:00	12194	7.437	198.6	38.22	20.68	5.3	199.2	39.91	17.1	49.63	51.31	20.15	15.69	0	562.1	26.64	3.328	-0.003	13.04
12/12/2010 16:00	12195	8.26	188.9	23.29	15.31	5.758	189.3	27.79	11.74	49.35	51.03	21.96	17.4	0	418.2	26.62	3.319	-0.009	14.61
12/12/2010 17:00	12196	8.74	209.9	15.71	13.52	6.053	210.6	17.93	11.74	49.05	50.22	22.32	18.07	0	237.6	26.59	3.31	-0.009	12.59
12/12/2010 18:00	12197	6.714	195.4	9.02	11.74	3.488	193.8	13.02	8.16	46.41	45.72	23.59	20.76	0	45.41	26.56	3.292	-0.019	12.58
12/12/2010 19:00	12198	7.174	191.2	5.155	9.95	2.481	172.1	11.77	4.578	42.35	38.35	26.14	25.88	0	0.125	26.51	3.286	-0.006	12.38
12/12/2010 20:00	12199	7.152	197.5	12.83	11.74	2.57	187.2	24.84	6.368	39.91	36.53	27.87	27.24	0	0	26.47	3.281	-0.005	12.51
12/12/2010 21:00	12200	3.771	215	12.09	6.368	0.069	203.9	5.898	2.789	36.74	34.51	30.54	29.28	0	0	26.45	3.278	-0.003	12.35
12/12/2010 22:00	12201	4.544	212.2	11.14	8.16	0.38	232.7	9.25	2.789	34.74	31.81	31.73	31.17	0	0	26.43	3.275	-0.002	12.81
12/12/2010 23:00	12202	3.73	203.5	16.44	6.368	0.137	143.1	10.87	2.789	33.17	30.4	32.7	32.25	0	0	26.4	3.272	-0.003	12.22
12/13/2010 0:00	12203	5.477	238.6	6.194	6.368	0.826	254.7	8.67	2.789	32.03	29.73	33.42	32.4	0	0	26.39	3.269	-0.003	12.08
12/13/2010 1:00	12204	6.321	239.5	6.555	11.74	1.815	253.2	10.17	6.368	32.94	29.94	31.05	30.96	0	0	26.37	3.269	0	12.6
12/13/2010 2:00	12205	7.191	234	4.816	9.95	1.982	243	8.95	4.578	32.75	29.78	30.64	30.51	0	0	26.36	3.263	-0.006	12.32
12/13/2010 3:00	12206	6.95	232.6	8.3	9.95	2.066	250.3	12.63	4.578	31.75	28.67	31.37	31.37	0	0	26.34	3.263	0	12.15
12/13/2010 4:00	12207	6.613	250.3	8.54	8.16	1.857	264	13.39	4.578	33.53	29.43	29.25	30.35	0	0	26.33	3.26	-0.003	12.33
12/13/2010 5:00	12208	5.487	243.4	5.354	8.16	0.829	256.1	5.096	4.578	32.69	29.48	30.21	30.34	0	0	26.31	3.26	0	12.21
12/13/2010 6:00	12209	4.301	271.1	17.26	8.16	1.512	307.2	8.43	4.578	31.73	28.42	31.6	32.09	0	0	26.3	3.247	-0.013	13
12/13/2010 7:00	12210	6.181	293.4	5.141	8.16	2.544	296	8.33	4.578	32.31	28.32	31.67	33.52	0	0	26.3	3.247	0	12.61
12/13/2010 8:00	12211	6.005	297	6.425	8.16	2.606	287.4	10.13	4.578	32.39	28.41	32.17	33.62	0	5.575	26.3	3.247	0	12.68
12/13/2010 9:00	12212	4.653	286.6	24.61	8.16	2.306	279.8	18.86	4.578	36.51	35.27	28.26	26.11	0	136.1	26.32	3.237	-0.01	12.1
12/13/2010 10:00	12213	4.777	237.8	15.02	9.95	3.232	238.5	16.42	8.16	44.57	45.25	23.09	19.14	0	330.3	26.39	3.235	-0.001	14.78
12/13/2010 11:00	12214	7.219	222.5	17.46	11.74	5.392	222.7	19.13	9.95	51.15	52.21	20.83	16.89	0	496.8	26.46	3.234	-0.001	12.75
12/13/2010 12:00	12215	8.94	210.1	13.28	15.31	6.509	211.1	16.77	13.52	59.61	61.22	18.43	14.31	0	610.7	26.49	3.23	-0.004	12.73
12/13/2010 13:00	12216	11.83	227.1	12.3	17.1	8.27	225.7	15.21	15.31	66.34	67.89	17.97	13.94	0	659.6	26.48	3.223	-0.007	12.73
12/13/2010 14:00	12217	11.51	243	16.75	18.89	7.347	241.1	22.79	15.31	69.21	70.65	17.58	13.59	0	640.4	26.46	3.214	-0.01	13.17
12/13/2010 15:00	12218	12.65	215.5	15.46	20.68	8.84	215.4	17.36	17.1	70.16	71.72	15.57	11.6	0	558.3	26.44	3.201	-0.013	13.09
12/13/2010 16:00	12219	12.86	217.1	15.62	20.68	8.97	217	17.43	17.1	70.68	71.87	15.88	12.03	0	418.9	26.43	3.175	-0.025	15.14
12/13/2010 17:00	12220	12.21	223.9	11.09	18.89	8.31	223.2	13.85	13.52	70.39	70.89	16.42	12.94	0	240.4	26.41	3.16	-0.016	14.27
12/13/2010 18:00	12221	8.34	205.4	8.35	13.52	4.596	205.7	11.99	11.74	65.65	64.46	19.1	16.68	0	48.27	26.39	3.151	-0.009	12.75
12/13/2010 19:00	12222	5.567	192.5	11.35	8.16	1.143	192.2	16.81	4.578	58.11	54.14	23.73	23.51	0	0.083	26.34	3.145	-0.005	13.73
12/13/2010 20:00	12223	4.975	200.2	7.411	9.95	0.243	213.1	10.5	2.789	54.36	48.95	26.08	27.56	0	0	26.3	3.143	-0.002	12.15
12/13/2010 21:00	12224	4.819	202.8	11.61	9.95	1.073	211.5	14.92	4.578	50.48	46.72	30.17	29.82	0	0	26.27	3.143	0	14.9
12/13/2010 22:00	12225	4.738	220	23.13	8.16	0.186	139.4	17.11	2.789	47.46	42.56	33.52	34.84	0	0	26.25	3.141	-0.002	12.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/13/2010 23:00	12226	4.741	212	21.83	8.16	0.332	260.4	24.74	2.789	44.75	40.63	36.46	36.9	0	0	26.23	3.138	-0.003	12.55
12/14/2010 0:00	12227	4.989	198.6	17.65	8.16	0.323	194.4	9.97	4.578	42.64	38.09	39.09	40.19	0	0	26.22	3.135	-0.003	12.52
12/14/2010 1:00	12228	3.34	215.7	13.82	6.368	0	0	0	0	40.68	37.53	41.12	41.07	0	0	26.2	3.132	-0.003	12.43
12/14/2010 2:00	12229	4.696	224.2	10.51	9.95	0.089	259.7	6.584	2.789	40.06	36.5	42.18	42.53	0	0	26.18	3.128	-0.003	12.17
12/14/2010 3:00	12230	5.206	248.9	11.18	8.16	0.405	279.9	6.382	2.789	38.78	35.45	43.34	43.81	0	0	26.18	3.125	-0.003	12.76
12/14/2010 4:00	12231	6.183	262.6	6.795	8.16	2.025	277.5	10.24	4.578	38.55	34.69	42.79	44.21	0	0	26.17	3.126	0	12.19
12/14/2010 5:00	12232	5.03	257.8	11.8	8.16	1.198	280.2	16.82	4.578	37.24	33.43	42.59	44.21	0	0	26.15	3.123	-0.003	12.6
12/14/2010 6:00	12233	4.172	242.4	22.76	6.368	0.535	191.8	29.16	4.578	35.68	31.71	46.42	46.87	0	0	26.14	3.123	0	12.54
12/14/2010 7:00	12234	3.968	245	14.85	6.368	0.246	312	2.486	2.789	35.22	30.97	46.52	48.68	0	0	26.13	3.123	0	12.39
12/14/2010 8:00	12235	3.804	238.6	14.42	6.368	0.093	187.2	7.506	2.789	33.37	29.66	50.12	50.72	0	5.786	26.12	3.123	0	12.58
12/14/2010 9:00	12236	3.717	241.4	12.2	6.368	0.908	235.7	6.954	4.578	36.71	35.7	46.09	42.65	0	144.4	26.14	3.113	-0.01	12.2
12/14/2010 10:00	12237	5.08	218.6	13.92	8.16	3.618	219.7	17.23	6.368	47.15	47.88	35.73	31.52	0	339.9	26.22	3.112	-0.001	12.54
12/14/2010 11:00	12238	5.626	213.5	16.31	9.95	4.213	214.3	19.87	8.16	55.35	56.35	28.04	24.09	0	527.4	26.31	3.107	-0.004	12.36
12/14/2010 12:00	12239	6.411	230.3	17.09	11.74	4.826	230.5	19.2	9.95	65.47	66.27	20.28	16.75	0	592.9	26.35	3.1	-0.007	12.36
12/14/2010 13:00	12240	9.8	218.3	14.54	18.89	7.017	218.8	16.17	15.31	72.34	73.4	15.09	11.59	0	528.1	26.32	3.096	-0.004	12.75
12/14/2010 14:00	12241	12.28	209.7	10.84	17.1	8.62	210.8	14.61	15.31	74	75.3	13.06	9.38	0	510.6	26.29	3.084	-0.013	13.22
12/14/2010 15:00	12242	12.41	206.3	10.56	18.89	8.69	207.4	13.77	15.31	74.71	75.87	12.78	9.13	0	456.3	26.27	3.065	-0.019	13.04
12/14/2010 16:00	12243	13.68	222.1	10.6	20.68	9.36	221.5	13.25	17.1	76.86	77.75	9.94	6.387	0	428.4	26.25	3.042	-0.022	13.2
12/14/2010 17:00	12244	11.38	228.8	9.72	18.89	7.799	228.5	12.32	13.52	76.91	77.17	8.41	5.011	0	247.8	26.24	3.02	-0.022	14.68
12/14/2010 18:00	12245	7.067	226.5	5.773	9.95	2.847	228.9	8.21	8.16	71.59	69.46	11.71	9.46	0	46.55	26.22	3.005	-0.015	13.45
12/14/2010 19:00	12246	8.18	210.1	8.04	13.52	3.005	212.8	11.84	8.16	64.56	59.78	14.29	13.77	0	0.085	26.17	2.993	-0.012	14.29
12/14/2010 20:00	12247	7.391	227.6	9.41	11.74	2.764	239.2	16.98	6.368	57.03	53.6	18.6	17.46	0	0	26.13	2.987	-0.006	12.66
12/14/2010 21:00	12248	5.5	244	15.87	9.95	1.585	291	26.69	4.578	52.53	47.76	22.1	22.3	0	0	26.09	2.985	-0.003	12.88
12/14/2010 22:00	12249	6.308	247.8	21.6	9.95	2.474	285.4	28.48	6.368	49.7	44.86	25.66	25.91	0	0	26.06	2.975	-0.01	12.93
12/14/2010 23:00	12250	6.863	246.2	14.27	11.74	2.257	267.5	30.14	6.368	47.72	42.36	28.36	29.7	0	0	26.05	2.973	-0.002	12.71
12/15/2010 0:00	12251	4.494	241.2	14.42	9.95	0.367	211.9	10	4.578	44.01	39.33	31.44	32.82	0	0	26.04	2.973	0	14.28
12/15/2010 1:00	12252	6.16	208.7	24.32	9.95	0.722	166.4	33.89	2.789	43.1	35.86	32.52	35.88	0	0	26.01	2.97	-0.003	12.78
12/15/2010 2:00	12253	6.504	225.6	9.62	9.95	0.836	251.9	18.24	4.578	42.56	37	35.2	36.85	0	0	25.99	2.97	0	12.16
12/15/2010 3:00	12254	5.734	221.4	14.42	9.95	0.44	237.7	14.12	6.368	40.24	35.42	38.4	39.94	0	0	25.98	2.967	-0.003	14.06
12/15/2010 4:00	12255	6.207	238.2	9.79	9.95	0.432	264.4	10.64	2.789	37.16	33.85	41.15	41.25	0	0	25.97	2.967	0	12.11
12/15/2010 5:00	12256	7.041	229.4	12.79	13.52	1.504	239.4	18.65	8.16	38.93	34.51	38.47	40.2	0	0	25.95	2.964	-0.003	14.8
12/15/2010 6:00	12257	5.847	244.9	17.48	9.95	0.326	273	9.53	4.578	40.19	35.04	36.64	39.49	0	0	25.95	2.964	0	14.66
12/15/2010 7:00	12258	3.6	226.3	21.19	8.16	0.203	106	11.34	2.789	42.11	35.79	35.05	38.64	0	0	25.94	2.964	0	12.35
12/15/2010 8:00	12259	7.945	267.9	25.85	15.31	4.313	260.6	30.19	11.74	51.36	47.33	28.47	29.38	0	6.973	25.95	2.957	-0.007	12.6
12/15/2010 9:00	12260	7.935	225	15.65	11.74	4.479	222.3	15.58	8.16	50.88	49.29	29.51	27.48	0	146.4	26	2.95	-0.007	12.49
12/15/2010 10:00	12261	8.73	243.1	11.45	26.05	6.579	242.1	12.96	18.89	55.98	56.19	25.62	22.28	0	346.9	26.05	2.939	-0.01	12.82
12/15/2010 11:00	12262	16.82	248.4	10.3	27.84	12.82	248.2	12.27	24.26	66.23	66.66	18.41	15.19	0	504.5	26.11	2.926	-0.014	12.97
12/15/2010 12:00	12263	16.44	246.2	11.8	27.84	12.49	245.1	13.2	22.47	70.53	71.26	15.03	11.62	0	612	26.13	2.913	-0.013	12.89
12/15/2010 13:00	12264	18.61	250.1	11.9	29.63	14.17	249.2	13.36	26.05	73.47	74.35	12.41	8.9	0	656.4	26.12	2.881	-0.032	13.92
12/15/2010 14:00	12265	16.66	240.5	12.3	29.63	12.36	240	14.36	22.47	75.97	76.93	10.59	7.031	0	633	26.09	2.865	-0.016	12.51
12/15/2010 15:00	12266	18.51	250.9	14.32	29.63	13.89	250	16	24.26	77.78	78.55	8.78	5.22	0	554.9	26.08	2.836	-0.029	12.75
12/15/2010 16:00	12267	21.49	263.7	12.22	34.99	15.92	264.5	15.54	29.63	77.33	77.91	10.81	7.272	0	421	26.07	2.795	-0.041	13.23
12/15/2010 17:00	12268	21.58	267.7	11.09	36.78	16.51	266.8	12.96	31.42	75.98	76.18	12.72	9.36	0	238.8	26.06	2.77	-0.025	13.06
12/15/2010 18:00	12269	19.34	268.5	9.55	31.42	14.89	267.8	11.41	26.05	72.09	71.65	15.99	12.97	0	30.41	26.04	2.748	-0.022	13.21
12/15/2010 19:00	12270	13.91	263.6	8.49	26.05	10.27	263.2	9.78	22.47	68.43	67.63	19.42	16.71	0	0.152	26.05	2.739	-0.009	13.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/15/2010 20:00	12271	7.235	238.3	26.29	13.52	3.804	235.9	32.7	8.16	63.13	61	23	21.32	0	0	26.04	2.73	-0.009	12.73
12/15/2010 21:00	12272	6.031	244.9	32.83	11.74	2.987	234.3	47.5	8.16	61.08	58.04	25.31	24.4	0	0	26.02	2.727	-0.003	12.87
12/15/2010 22:00	12273	4.977	262.7	33.32	9.95	1.606	262.4	36.06	6.368	59.61	55.87	26.67	26.58	0	0	26.02	2.724	-0.003	12.76
12/15/2010 23:00	12274	5.398	283.8	14.7	8.16	1.663	288.8	26.41	4.578	57.5	54.14	27.86	27.62	0	0	26.02	2.721	-0.003	12.81
12/16/2010 0:00	12275	6.968	293.3	24.67	15.31	3.269	297.8	33.58	11.74	55.56	52.87	29.21	28.4	0	0	26.04	2.721	0	12.73
12/16/2010 1:00	12276	5.79	314.6	31.51	20.68	2.869	326.9	21.48	15.31	54.09	52.49	30.8	28.83	0	0	26.06	2.718	-0.003	12.6
12/16/2010 2:00	12277	7.547	301.4	18.5	11.74	3.497	308.8	23.15	9.95	50.79	47.77	35.37	34.93	0	0	26.05	2.715	-0.003	12.58
12/16/2010 3:00	12278	12.49	341.7	24.2	29.63	6.752	336.4	26.09	13.52	51.18	49.78	40.45	38.23	0	0	26.06	2.709	-0.006	12.42
12/16/2010 4:00	12279	18.98	26.7	10.42	34.99	9.09	23.41	19.09	22.47	43.8	43.8	41.69	38.04	0	0	26.1	2.702	-0.006	12.57
12/16/2010 5:00	12280	11.4	34.01	11.58	20.68	6.013	31.52	15.42	15.31	40.3	40.21	46.67	42.96	0	0	26.13	2.7	-0.002	14.97
12/16/2010 6:00	12281	10.67	34.43	11.19	18.89	5.678	32.18	14.87	13.52	38.47	38.39	51.94	48.05	0	0	26.13	2.694	-0.006	12.23
12/16/2010 7:00	12282	9.37	35.12	12.12	15.31	4.7	31.62	16.54	11.74	36.26	36.16	57.78	53.81	0	0	26.16	2.691	-0.003	12.44
12/16/2010 8:00	12283	11.24	30.51	12.68	18.89	5.433	25.96	20.13	13.52	35.25	35.2	61.44	57.32	0	4.07	26.17	2.691	0	12.22
12/16/2010 9:00	12284	11.55	27.15	12.75	20.68	7.203	26.34	14.97	17.1	36.33	36.44	61.55	57.05	0	120	26.2	2.684	-0.006	12.12
12/16/2010 10:00	12285	13.89	35.57	13.36	20.68	8.2	32.4	15.43	20.68	39.37	40.06	59.22	54.14	0	308.4	26.26	2.68	-0.004	12.75
12/16/2010 11:00	12286	11.65	47.04	14.67	18.89	6.938	43.8	17.47	15.31	42.54	43.98	55.04	49.24	0	475.8	26.32	2.674	-0.007	12.68
12/16/2010 12:00	12287	9.64	62.72	19.23	17.1	6.117	58.5	24.57	15.31	45.25	47.4	50.21	43.84	0	526.5	26.35	2.673	-0.001	12.53
12/16/2010 13:00	12288	9.11	69.11	17.07	17.1	6.079	65.56	24.37	13.52	47.92	50.45	45.96	39.47	0	640.6	26.34	2.663	-0.01	12.17
12/16/2010 14:00	12289	9.72	75.94	22.44	17.1	6.508	72.18	29.45	13.52	50.57	53.32	42.36	35.97	0	650.8	26.32	2.66	-0.003	12.73
12/16/2010 15:00	12290	9.21	90.4	23.36	17.1	6.379	87.3	31	13.52	52.39	54.85	40.5	34.59	0	552.7	26.31	2.647	-0.013	12.75
12/16/2010 16:00	12291	7.78	104.7	25.76	15.31	5.328	105.2	33.37	11.74	53.68	55.75	39.04	33.7	0	411.7	26.31	2.637	-0.01	12.72
12/16/2010 17:00	12292	9.39	115.4	14.39	15.31	6.236	114.1	22.04	11.74	52.63	54.28	40.07	35.14	0	232.9	26.31	2.625	-0.012	12.89
12/16/2010 18:00	12293	7.457	106	11.21	13.52	4.168	102.7	17.9	9.95	50.1	49.85	42.87	39.69	0	46.27	26.28	2.616	-0.009	14.83
12/16/2010 19:00	12294	7.97	94.4	6.333	11.74	3.902	91.9	12.8	8.16	43.97	41.81	50.31	49.15	0	0.06	26.23	2.61	-0.005	12.54
12/16/2010 20:00	12295	8.29	94.2	5.815	11.74	4.194	88.2	14.08	8.16	40.17	38.64	55.61	53.8	0	0	26.19	2.608	-0.002	13.73
12/16/2010 21:00	12296	8.03	85	6.535	13.52	3.659	80.9	13.27	6.368	38.48	36.77	57.46	56.11	0	0	26.19	2.605	-0.003	12.58
12/16/2010 22:00	12297	9.51	86.4	7.458	13.52	5.044	85.2	16.24	9.95	37.54	36.46	57.47	55.33	0	0	26.18	2.605	0	12.54
12/16/2010 23:00	12298	10.48	84.6	7.678	15.31	5.85	83.3	15.67	11.74	35.55	34.66	58.8	56.35	0	0	26.17	2.602	-0.003	12.28
12/17/2010 0:00	12299	10.65	73.09	8.17	15.31	6.208	68.29	16.31	9.95	34.15	33.56	59.94	56.97	0	0	26.19	2.602	0	12.28
12/17/2010 1:00	12300	11.63	72.75	7.674	31.42	6.899	67.99	15.85	15.31	32.36	31.96	62.07	58.69	0	0	26.17	2.599	-0.003	12.33
12/17/2010 2:00	12301	13.09	82.5	7.91	18.89	8.01	80.3	16.43	15.31	33.08	32.9	60.66	57.04	0	0	26.16	2.599	0	12.2
12/17/2010 3:00	12302	13.29	83.8	8.38	20.68	8.24	81.8	17.2	15.31	34.49	34.52	58.46	54.57	0	0	26.17	2.595	-0.004	12.28
12/17/2010 4:00	12303	11.28	80.9	9	18.89	7.012	77.79	17.79	13.52	35.37	35.42	57.74	53.8	0	0	26.19	2.595	0	12.14
12/17/2010 5:00	12304	10.32	84	11.93	17.1	6.591	81.2	18.74	13.52	35.58	35.7	57.77	53.75	0	0	26.2	2.595	0	12.22
12/17/2010 6:00	12305	10.93	87.1	10.37	20.68	7.046	85.7	18.93	15.31	35.76	35.85	55.54	51.68	0	0	26.21	2.592	-0.003	12.58
12/17/2010 7:00	12306	15.13	93.2	9.12	33.21	10.11	91.6	17.98	24.26	35.51	35.46	54.04	51.3	0	0	26.2	2.592	0	12.35
12/17/2010 8:00	12307	10.17	96.6	10.82	24.26	6.515	96.3	18.58	20.68	34.17	33.74	56.32	54.04	0	2.034	26.22	2.592	0	12.41
12/17/2010 9:00	12308	9.51	94	9.88	18.89	6.24	93.5	16.91	13.52	33.79	33.75	57.02	53.93	0	109.5	26.24	2.592	0	12.36
12/17/2010 10:00	12309	13.89	101.8	9.78	24.26	9.48	101.6	18.34	18.89	37.35	38.54	49.29	44.77	0	304.7	26.29	2.586	-0.007	12.12
12/17/2010 11:00	12310	13.92	99.7	11.83	20.68	9.61	98.8	19.48	15.31	40.72	42.53	40.59	35.76	0	434.3	26.34	2.582	-0.004	13.08
12/17/2010 12:00	12311	11.45	100.8	12.58	18.89	7.896	100	20.38	15.31	41.88	43.3	36.25	31.87	0	257.9	26.36	2.576	-0.006	12.32
12/17/2010 13:00	12312	11.23	100	18.51	22.47	7.87	99.5	25.55	15.31	44.17	46.82	31.8	26.68	0	566.7	26.34	2.569	-0.007	12.65
12/17/2010 14:00	12313	7.557	98.9	25.96	17.1	5.259	96.6	32.05	11.74	44.89	46.83	29.56	24.97	0	320.9	26.35	2.559	-0.01	14.31
12/17/2010 15:00	12314	8.87	78.3	19.66	17.1	5.864	74.19	25.66	13.52	45.03	46.91	28.98	24.31	0	318.8	26.33	2.55	-0.009	12.63
12/17/2010 16:00	12315	9.33	75.89	20.38	17.1	6.358	71.87	26.37	13.52	45.81	47.8	28.35	23.56	0	396.6	26.33	2.537	-0.013	12.61

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/17/2010 17:00	12316	8.08	69.75	15.21	17.1	5.186	66.2	20.78	11.74	45.25	46.36	28.31	24.2	0	177.2	26.34	2.527	-0.009	12.83
12/17/2010 18:00	12317	8.35	60.7	10.09	11.74	5.293	59.54	14.38	9.95	42.64	42.57	29.29	26.09	0	36.81	26.34	2.518	-0.009	12.22
12/17/2010 19:00	12318	8.61	42.1	8.26	13.52	4.195	38.8	12.02	8.16	38.5	38.06	33.8	30.74	0	0.045	26.32	2.513	-0.006	12.35
12/17/2010 20:00	12319	8.4	54.41	8.23	11.74	5.083	55.87	13.06	11.74	34.91	34.4	39.86	36.61	0	0	26.31	2.503	-0.009	12.41
12/17/2010 21:00	12320	7.34	50.83	7.428	9.95	4.047	55.16	12.77	8.16	32.6	31.67	44.95	42.15	0	0	26.31	2.497	-0.006	12.35
12/17/2010 22:00	12321	7.891	56.33	5.893	9.95	4.298	55.81	12.45	8.16	30.74	29.79	46.79	44.28	0	0	26.29	2.495	-0.002	12.47
12/17/2010 23:00	12322	8.73	72.65	8.75	11.74	4.99	67.17	15.27	8.16	30.75	29.98	44.1	41.69	0	0	26.29	2.495	0	12.17
12/18/2010 0:00	12323	8.29	85.8	6.669	13.52	4.426	84.2	14.06	9.95	28.86	28.02	44.4	41.89	0	0	26.28	2.492	-0.003	12.58
12/18/2010 1:00	12324	7.51	101.6	9.04	15.31	4.425	96.9	16.91	9.95	27.97	27.04	52.5	49.42	0	0	26.26	2.482	-0.01	12.55
12/18/2010 2:00	12325	7.004	105.9	10.77	11.74	4.336	102.1	17.39	8.16	28.77	28.49	55.49	51.78	0	0	26.25	2.482	0	12.34
12/18/2010 3:00	12326	4.63	133.2	12.79	9.95	1.933	131.3	13.31	6.368	29.44	29.12	57	53.37	0	0	26.26	2.479	-0.003	12.35
12/18/2010 4:00	12327	1.663	172.4	18.8	4.578	0.139	80.5	1.5	2.789	27.88	26.13	58.65	57.54	0	0	26.25	2.479	0	12.24
12/18/2010 5:00	12328	4.137	119.3	12.59	8.16	1.105	84.5	8.2	4.578	26.27	24.12	59.55	58.05	0	0	26.21	2.479	0	12.22
12/18/2010 6:00	12329	5.561	139.8	11.29	9.95	1.501	131	15.07	4.578	26.07	24.35	58.33	57	0	0	26.19	2.479	0	12.21
12/18/2010 7:00	12330	6.086	119.8	7.911	8.16	2.268	102.6	11	4.578	25.26	23.83	60.32	58.3	0	0	26.19	2.479	0	14.07
12/18/2010 8:00	12331	5.756	111.5	7.74	9.95	2.424	102.4	12.96	6.368	26.01	25.12	63.03	60.08	0	3.876	26.21	2.479	0	12.43
12/18/2010 9:00	12332	5.929	124.3	16.32	11.74	3.335	122.7	21.77	8.16	28.92	29.01	59.8	55.78	0	76.95	26.22	2.482	0.003	13.02
12/18/2010 10:00	12333	9.44	171.4	15.52	17.1	6.263	173.4	21.22	13.52	35.51	36.95	49.31	43.94	0	310.8	26.26	2.481	-0.001	12.18
12/18/2010 11:00	12334	11.33	183.9	12.03	18.89	7.729	187.8	17.37	13.52	40.71	42.68	44.25	38.51	0	475.8	26.32	2.477	-0.004	12.74
12/18/2010 12:00	12335	11.25	190.4	12.56	17.1	7.852	194.6	17.33	13.52	44.87	47.19	39.68	33.92	0	595.3	26.33	2.464	-0.013	12.8
12/18/2010 13:00	12336	8.71	209.7	21.09	15.31	6.477	212.3	22.22	13.52	48.44	50.02	37.34	32.34	0	514	26.32	2.46	-0.003	12.76
12/18/2010 14:00	12337	8.13	218.7	19.07	15.31	6.085	219.5	19.71	11.74	52.32	53.86	35.49	30.57	0	632.2	26.3	2.457	-0.003	13.59
12/18/2010 15:00	12338	7.73	213.4	22.67	13.52	5.671	214.5	24.15	9.95	55.42	56.85	34.09	29.3	0	548.7	26.28	2.45	-0.007	12.99
12/18/2010 16:00	12339	6.492	207	23.51	11.74	4.667	210.9	23.36	9.95	58.08	59.26	31.96	27.54	0	404	26.27	2.441	-0.01	12.75
12/18/2010 17:00	12340	7.801	177.7	17.04	13.52	4.931	180.4	21.51	9.95	59.03	60.15	32.38	28.22	0	206.3	26.25	2.431	-0.009	13.1
12/18/2010 18:00	12341	6.619	157.6	10.11	11.74	2.785	155.4	17.73	9.95	56.57	55.88	35.65	33.11	0	47.33	26.23	2.425	-0.006	12.67
12/18/2010 19:00	12342	6.008	124	12.03	9.95	2.401	89.2	16.3	4.578	50.54	47.53	42.04	41.71	0	0.058	26.19	2.423	-0.003	12.33
12/18/2010 20:00	12343	4.159	162.9	38.05	9.95	0.9	189.8	34.71	4.578	49.17	46.4	44.46	44.05	0	0	26.16	2.42	-0.003	12.51
12/18/2010 21:00	12344	4.419	157.1	21.9	8.16	0.834	102	22.02	4.578	46.57	43.86	48.78	48.35	0	0	26.15	2.417	-0.003	14.98
12/18/2010 22:00	12345	2.12	199.4	22.84	6.368	0.381	89.4	6.674	2.789	47.19	43.66	50.21	50.59	0	0	26.14	2.414	-0.003	12.36
12/18/2010 23:00	12346	4.196	248	18.53	8.16	0.654	258.1	42.77	4.578	48.01	42.66	50.96	53.08	0	0	26.13	2.415	0	12.91
12/19/2010 0:00	12347	4.473	292.9	21	9.95	0.738	344	31.5	4.578	46.76	41.33	54.61	56.88	0	0	26.13	2.411	-0.003	12.63
12/19/2010 1:00	12348	4.616	302.9	35.49	9.95	1.481	309.3	57.86	6.368	45.43	41.99	58.67	59.38	0	0	26.13	2.411	0	13.24
12/19/2010 2:00	12349	2.535	227.2	23.22	8.16	0.427	176.4	26.66	4.578	44.02	39.43	61.17	63.39	0	0	26.12	2.411	0	12.66
12/19/2010 3:00	12350	4.068	296.6	15.4	8.16	1.3	331.5	25.71	4.578	43.87	38.32	62.82	64.44	0	0	26.12	2.408	-0.003	12.27
12/19/2010 4:00	12351	4.199	215.2	45.44	8.16	1.421	159.3	11.65	4.578	41.92	34.93	65.4	69.46	0	0	26.11	2.408	0	12.93
12/19/2010 5:00	12352	5.223	164.1	12.67	8.16	0.263	127.6	6.018	2.789	37.18	34.12	68.26	69.3	0	0	26.1	2.408	0	12.47
12/19/2010 6:00	12353	4.241	219.4	16.31	8.16	0.111	246.8	3.107	2.789	37.9	34.94	63.89	64.75	0	0	26.09	2.408	0	12.09
12/19/2010 7:00	12354	3.297	232.9	15.12	6.368	0.074	257.3	4.561	2.789	36.65	34.28	65.25	65.08	0	0	26.1	2.408	0	12.17
12/19/2010 8:00	12355	3.019	223.6	19.64	6.368	0.001	230.4	0	2.789	36.03	33.6	66	65.68	0	4.826	26.1	2.405	-0.003	12.81
12/19/2010 9:00	12356	3.53	223	16.96	8.16	0.064	236.9	2.372	2.789	40.36	39.28	59.67	56.65	0	142	26.12	2.405	0	13.43
12/19/2010 10:00	12357	4.011	246.4	22.21	8.16	2.424	240.5	17.89	6.368	50.71	51.58	52.37	47.18	0	346.2	26.2	2.404	-0.001	13.02
12/19/2010 11:00	12358	11.26	246.9	22.53	27.84	8.01	241.8	23.3	20.68	59.63	60.4	43.55	39.48	0	486.9	26.26	2.4	-0.004	13.19
12/19/2010 12:00	12359	13.81	254.3	15.98	20.68	10.07	247.6	18.65	17.1	64.78	65.54	38.82	34.95	0	467.5	26.28	2.396	-0.004	13.55
12/19/2010 13:00	12360	14.45	261.6	14.62	22.47	9.97	253.9	22.01	17.1	67.61	68.7	35.78	31.65	0	534.6	26.28	2.39	-0.006	13.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/19/2010 14:00	12361	12.51	246.3	26.36	24.26	8.59	241.6	28.23	18.89	69.77	71.38	33.26	28.69	0	684	26.26	2.377	-0.013	13.34
12/19/2010 15:00	12362	11.31	239.2	18.49	20.68	8.58	236.4	18.09	17.1	71.61	72.79	31.21	27.06	0	556.3	26.26	2.361	-0.016	13.13
12/19/2010 16:00	12363	13.96	260.1	13.99	22.47	10.05	251.5	18.56	18.89	72.95	74.01	30.66	26.61	0	504.4	26.25	2.336	-0.025	13.28
12/19/2010 17:00	12364	14.78	251.8	11.78	26.05	11.06	246.4	12.64	20.68	72.75	73.41	30.93	27.24	0	308.9	26.24	2.323	-0.013	15.01
12/19/2010 18:00	12365	11.35	254.6	10.99	22.47	7.922	248.8	12.76	17.1	70.64	70.38	31.72	28.87	0	68.3	26.22	2.311	-0.012	13.08
12/19/2010 19:00	12366	7.222	245.1	10.03	9.95	3.343	240.5	11.27	8.16	65.02	62.52	36.58	35.88	0	0.256	26.19	2.289	-0.022	12.97
12/19/2010 20:00	12367	7.032	238.8	15.01	11.74	3.482	232.6	15.59	8.16	62.71	59.56	39.26	39.4	0	0	26.17	2.283	-0.006	13.1
12/19/2010 21:00	12368	5.355	222.4	13.2	9.95	1.753	213.7	16.12	4.578	60.35	57.15	42.26	42.64	0	0	26.14	2.28	-0.003	13.02
12/19/2010 22:00	12369	5.148	233.2	16.54	9.95	1.801	232.2	16.12	6.368	56.04	53.49	48.5	48.12	0	0	26.13	2.277	-0.003	14.83
12/19/2010 23:00	12370	7.412	293.9	33.22	13.52	3.534	294.5	40.42	9.95	54.57	51.74	51.19	51.44	0	0	26.13	2.274	-0.003	14.66
12/20/2010 0:00	12371	3.817	299.3	31.7	8.16	1.071	335.2	45.84	4.578	52.38	47.41	54.53	57.79	0	0	26.12	2.274	0	14.5
12/20/2010 1:00	12372	5.301	287.8	18.69	11.74	0.981	304.4	16.58	6.368	50.54	47.16	57.08	58.34	0	0	26.1	2.271	-0.003	12.86
12/20/2010 2:00	12373	6.332	256	13.33	13.52	1.948	244.9	15.8	9.95	50.82	47.55	55.91	57.43	0	0	26.09	2.261	-0.01	12.7
12/20/2010 3:00	12374	6.148	242.4	25.69	17.1	2.871	234	22.82	13.52	51.09	49.05	55.03	54.53	0	0	26.1	2.261	0	12.21
12/20/2010 4:00	12375	3.555	235.1	24.88	6.368	0.432	141.4	11.7	4.578	49.68	45.68	57.54	60.09	0	0	26.09	2.261	0	12.77
12/20/2010 5:00	12376	5.544	247.9	10.67	13.52	1.232	247.5	8.93	6.368	50.18	46.06	57.14	59.95	0	0	26.07	2.258	-0.003	12.23
12/20/2010 6:00	12377	5.274	191.5	46.94	9.95	1.466	142.6	39.87	4.578	47.57	43.25	61.14	64.31	0	0	26.07	2.258	0	12.54
12/20/2010 7:00	12378	5.808	184.3	11.76	9.95	1.211	155.6	20.06	4.578	46.98	41.5	61.29	66.63	0	0	26.08	2.259	0.001	12.39
12/20/2010 8:00	12379	6.719	200.4	11.72	13.52	2.158	194.9	8.77	8.16	47.01	43.04	60.84	63.92	0	3.393	26.08	2.259	0	13.02
12/20/2010 9:00	12380	8.07	211.5	10.37	11.74	4.477	214.5	13.33	8.16	48.71	47.84	57.49	55.42	0	96.5	26.1	2.255	-0.004	12.78
12/20/2010 10:00	12381	9.69	223.5	9.26	18.89	6.873	224.2	11.54	15.31	55.64	55.96	47.57	44.06	0	296	26.16	2.248	-0.007	12.61
12/20/2010 11:00	12382	15.27	235.4	8.88	26.05	11.5	234.4	9.84	18.89	65.96	66.18	34.11	31.15	0	346.6	26.24	2.238	-0.01	12.7
12/20/2010 12:00	12383	23.88	256.6	12.7	38.57	16.83	250.3	15.42	29.63	70.77	71.59	26.75	23.35	0	606	26.28	2.219	-0.019	12.78
12/20/2010 13:00	12384	25.42	266.4	11.74	40.36	16.62	255.7	20.47	31.42	72.92	73.92	20.12	16.64	0	626.8	26.29	2.199	-0.019	13.04
12/20/2010 14:00	12385	24.28	260	11.87	38.57	17.1	252.6	16.44	34.99	73.66	74.44	16.54	13.13	0	473.4	26.28	2.177	-0.022	13.04
12/20/2010 15:00	12386	19.53	261.9	11.19	33.21	13.78	253	15.9	26.05	71.94	72.28	16.97	13.71	0	253.1	26.26	2.162	-0.016	13.05
12/20/2010 16:00	12387	17.48	272.2	11.41	29.63	10.33	261.6	27.84	22.47	71.25	71.4	17.04	13.87	0	181.4	26.25	2.146	-0.016	14.19
12/20/2010 17:00	12388	13.39	265.9	11.28	24.26	8.42	257.8	22.17	17.1	70.09	70	21.3	18.26	0	101.3	26.25	2.136	-0.01	13.03
12/20/2010 18:00	12389	7.642	253.6	15.55	15.31	3.693	245.8	22.83	8.16	67	65.42	23.01	21.22	0	21.23	26.25	2.127	-0.009	15.1
12/20/2010 19:00	12390	9.89	236	11.27	20.68	6.226	233	12.95	15.31	65.55	63.51	22.21	20.67	0	0.185	26.24	2.118	-0.009	12.74
12/20/2010 20:00	12391	11.71	244.1	9.43	22.47	8.16	242.3	10.8	17.1	66.1	65.12	20.91	18.52	0	0	26.24	2.109	-0.01	13.34
12/20/2010 21:00	12392	6.846	276.3	14.39	15.31	2.378	274.9	30.57	8.16	62.47	60.46	23.76	22.27	0	0	26.25	2.102	-0.006	12.72
12/20/2010 22:00	12393	6.082	158.5	15.62	11.74	3.051	144.3	20.45	6.368	59.65	55.17	26.15	26.75	0	0	26.25	2.096	-0.006	12.65
12/20/2010 23:00	12394	5.958	185.6	21.24	9.95	2.317	165.4	23.42	6.368	56.39	52.46	28.82	29.12	0	0	26.24	2.087	-0.009	13.43
12/21/2010 0:00	12395	4.414	219.4	32.62	8.16	1.193	211.5	45.21	4.578	54.07	50.43	31.62	31.56	0	0	26.23	2.084	-0.003	12.67
12/21/2010 1:00	12396	3.192	250.1	18.4	11.74	0.649	85.8	20.37	2.789	52.19	47.36	34.38	35.91	0	0	26.22	2.084	0	12.35
12/21/2010 2:00	12397	4.159	228.1	20.55	8.16	0.308	210.4	28.5	6.368	51.04	46.01	36.84	38.38	0	0	26.21	2.081	-0.003	13.93
12/21/2010 3:00	12398	2.214	211.2	13.36	4.578	0.538	79.46	9.52	4.578	49.2	45.16	39.68	40.71	0	0	26.2	2.081	0	12.2
12/21/2010 4:00	12399	1.16	193.6	25.95	6.368	0.808	68.22	12.89	4.578	48.81	45	43.17	42.67	0	0	26.2	2.078	-0.003	12.33
12/21/2010 5:00	12400	2.145	263.5	16.63	4.578	0.012	111.8	1.434	2.789	48.58	43.25	45.81	47.44	0	0	26.19	2.078	0	12.11
12/21/2010 6:00	12401	3.757	269.4	18.79	8.16	0.216	319.6	3.089	6.368	47.79	41.83	49.33	53.23	0	0	26.19	2.078	0	12.15
12/21/2010 7:00	12402	5.022	316.4	10.88	11.74	2.225	335.9	23.48	8.16	48.6	42.94	49.02	52.56	0	0	26.2	2.078	0	12.32
12/21/2010 8:00	12403	6.677	293.4	37.63	9.95	3.61	291.5	59.01	6.368	49.26	45.46	48.77	50.13	0	4.734	26.22	2.078	0	12.35
12/21/2010 9:00	12404	4.084	261.6	43.03	8.16	1.99	237.5	61.39	6.368	49.76	47.36	47.97	47.02	0	131.6	26.25	2.074	-0.003	15.01
12/21/2010 10:00	12405	3.771	252.3	42.92	6.368	1.654	239.5	32.01	6.368	57.4	58.19	39.49	35.25	0	326.6	26.34	2.074	-0.001	12.99

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/21/2010 11:00	12406	14.49	257.7	30.22	29.63	8.93	249.4	34.08	20.68	68.26	69.08	29.9	26.36	0	477.6	26.42	2.067	-0.007	12.28
12/21/2010 12:00	12407	18.15	266.2	11.79	27.84	11.27	256.8	23.69	20.68	71.69	72.84	26.26	22.49	0	587.6	26.45	2.057	-0.01	12.24
12/21/2010 13:00	12408	18.09	262	13.02	29.63	11.31	253.3	19.65	22.47	73.04	74.56	24.95	20.89	0	639.3	26.44	-1.787	-3.844	12.42
12/21/2010 14:00	12409	15.91	259.3	13.2	24.26	12.66	257.9	14.4	20.68	74.32	75.3	23.27	19.53	0	625.8	26.42	9.43	11.22	12.61
12/21/2010 15:00	12410	14.33	244.9	16.86	24.26	11.22	244.2	17.89	18.89	75.43	76.27	21.37	17.74	0	548.5	26.41	9.43	0	13.04
12/21/2010 16:00	12411	12.91	246.1	12.6	22.47	10.13	244.5	14.21	18.89	76.32	76.81	19.12	15.74	0	414.8	26.41	9.43	0	13.66
12/21/2010 17:00	12412	11.32	236.8	11.27	18.89	8.59	235.2	12.81	15.31	76.18	76.42	20.15	16.89	0	241.4	26.41	9.43	0	13.44
12/21/2010 18:00	12413	7.312	215.9	18.1	15.31	4.183	211.1	24.82	11.74	72.17	70.95	23.93	21.74	0	53	26.4	9.43	-0.005	13.1
12/21/2010 19:00	12414	7.665	207.4	6.224	9.95	3.18	210.2	14.77	6.368	65.69	61.63	28.11	28.42	0	0.152	26.38	9.42	-0.007	12.72
12/21/2010 20:00	12415	3.831	258.6	25.34	6.368	0.687	308.6	6.681	4.578	60.1	56.09	32.7	33.41	0	0	26.36	9.42	-0.005	12.85
12/21/2010 21:00	12416	4.33	287.5	26.15	8.16	1.017	327.3	18.09	4.578	59.3	53.56	33.85	36.32	0	0	26.34	9.41	-0.004	14.23
12/21/2010 22:00	12417	3.09	302	58.52	8.16	1.39	72.9	29.78	8.16	56.71	49.86	36.31	40.1	0	0	26.33	9.41	-0.005	12.86
12/21/2010 23:00	12418	7.322	324.2	20.08	11.74	3.973	325.3	25.72	8.16	56.57	52.89	36.69	37.41	0	0	26.33	9.4	-0.006	12.83
12/22/2010 0:00	12419	6.795	343.7	23.54	11.74	3.662	347.5	34.33	8.16	55.84	53.13	37.45	37.23	0	0	26.35	9.4	0	12.74
12/22/2010 1:00	12420	4.876	344.7	53.18	11.74	1.895	30.63	47.83	9.95	55.15	50.58	38.55	40.25	0	0	26.35	9.39	-0.006	12.99
12/22/2010 2:00	12421	3.604	98.7	53.66	6.368	1.471	76.57	20.48	4.578	48.77	43.16	45.88	49.05	0	0	26.35	9.39	-0.003	12.96
12/22/2010 3:00	12422	2.327	39.19	21.48	6.368	1.18	56.54	11.79	4.578	46.6	42.69	48.6	49.52	0	0	26.34	9.39	-0.004	14.37
12/22/2010 4:00	12423	10.54	40.06	11.35	20.68	5.37	40.29	14.3	13.52	44.03	42.75	51.88	49.93	0	0	26.34	9.39	-0.002	12.75
12/22/2010 5:00	12424	12.08	54.74	9.59	20.68	7.533	54.61	14.46	15.31	39.12	38.81	63.34	59.54	0	0	26.36	9.38	-0.006	12.1
12/22/2010 6:00	12425	12.07	50.76	8.65	17.1	6.815	49.78	14.46	13.52	35.73	35.55	74.06	69.38	0	0	26.36	9.37	-0.006	12.69
12/22/2010 7:00	12426	13.59	49.95	9.33	24.26	7.793	47.76	15.06	18.89	34.81	34.69	80.5	75.31	0	0	26.37	9.37	-0.006	12.31
12/22/2010 8:00	12427	14.54	52.89	9.99	27.84	8.76	50.23	16.03	20.68	33.65	33.69	84.1	78.3	0	0.707	26.37	9.36	-0.006	12.6
12/22/2010 9:00	12428	15.48	60.26	9.77	24.26	9.71	57.43	16.33	18.89	33.77	34.13	87.7	80.9	0	26.22	26.39	9.36	-0.003	12.77
12/22/2010 10:00	12429	14.15	55.56	11.51	20.68	8.47	52.38	16.87	15.31	34.63	35.22	89.2	81.6	0	76.7	26.42	9.35	-0.003	12.51
12/22/2010 11:00	12430	13.58	62.78	12.1	20.68	8.23	60.27	18.07	15.31	36.32	37.37	85	77.21	0	190.2	26.44	9.35	-0.003	12.57
12/22/2010 12:00	12431	13.2	55.37	16.02	18.89	7.61	51.86	20.78	15.31	37.69	38.94	81.5	73.64	0	260.2	26.46	9.35	-0.004	12.72
12/22/2010 13:00	12432	12.79	64.55	14	18.89	7.918	61	19.76	15.31	39.8	41.71	76.47	67.98	0	381.5	26.46	9.34	-0.002	12.67
12/22/2010 14:00	12433	12.99	67.96	12.4	20.68	8.27	63.92	18.76	15.31	42.71	45.27	70.61	61.71	0	600	26.46	9.34	-0.004	12.81
12/22/2010 15:00	12434	13.36	67.25	12.83	20.68	8.55	63.14	19.02	17.1	44.64	47.27	66.62	57.95	0	582.8	26.47	9.33	-0.005	14.79
12/22/2010 16:00	12435	12.61	70.97	14.3	20.68	7.969	68.47	20.47	15.31	46.47	48.49	62.75	55.47	0	397.1	26.49	9.33	-0.006	14.02
12/22/2010 17:00	12436	13.54	61.88	11.24	20.68	8.48	59.67	17.52	15.31	45.49	46.31	63.86	58.41	0	112.1	26.47	9.32	-0.005	13.99
12/22/2010 18:00	12437	11.64	49.1	11.5	20.68	6.665	46.22	15.91	17.1	44.29	44.66	65.49	60.67	0	9.2	26.44	9.31	-0.011	12.15
12/22/2010 19:00	12438	10.61	50.75	11.01	17.1	6.173	47.43	16.78	13.52	43.28	43.56	67.15	62.4	0	0.001	26.44	9.31	-0.006	12.14
12/22/2010 20:00	12439	8.49	47.05	15.89	13.52	5.023	44.33	19.03	11.74	42.91	43.15	67.06	62.41	0	0	26.45	9.3	-0.006	12.31
12/22/2010 21:00	12440	7.421	33.52	13.39	13.52	4.139	33.07	14.92	11.74	42.39	42.63	67.8	63.15	0	0	26.46	9.29	-0.006	12.59
12/22/2010 22:00	12441	5.307	42.41	18.65	8.16	2.649	40.5	18.9	6.368	42.48	42.68	67.35	62.78	0	0	26.45	9.29	-0.003	12.38
12/22/2010 23:00	12442	8.01	100	12.74	13.52	5.252	98.6	20.05	9.95	42.06	42.33	79.34	73.63	0	0	26.45	9.28	-0.01	12.31
12/23/2010 0:00	12443	8.36	87.7	10.81	13.52	5.306	86.1	18	11.74	40.93	41.17	82.8	77.48	0	0	26.44	9.27	-0.006	12.2
12/23/2010 1:00	12444	8.65	83.6	9.85	26.05	5.422	81.5	17.99	18.89	40.7	40.92	75.69	70.81	0	0	26.42	9.28	0.001	12.81
12/23/2010 2:00	12445	7.77	88.2	9.53	13.52	4.962	86.1	17.58	9.95	40.71	40.92	72.49	67.77	0	0	26.4	9.27	-0.003	12.12
12/23/2010 3:00	12446	8.36	88.9	9.51	13.52	5.536	87.5	17.69	9.95	40.34	40.57	65.74	61.5	0	0	26.39	9.27	0.001	12.47
12/23/2010 4:00	12447	6.696	77.02	15.47	11.74	4.368	75.68	21.92	9.95	39.88	40.12	65.36	60.97	0	0	26.39	9.27	-0.003	12.36
12/23/2010 5:00	12448	7.669	80.9	12.33	11.74	4.902	78.56	18.66	8.16	39.83	40.06	62.76	58.57	0	0	26.37	9.27	0	12.12
12/23/2010 6:00	12449	9.69	96.8	9.13	15.31	6.548	95.7	17.41	11.74	39.66	39.89	61.83	57.55	0	0	26.35	9.26	-0.006	12.18
12/23/2010 7:00	12450	9.04	96	9.13	15.31	6.138	94	17.21	11.74	39.61	39.79	58.31	54.31	0	0	26.35	9.26	0	12.13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/23/2010 8:00	12451	9.31	96.5	10.02	15.31	6.311	94.8	17.75	13.52	39.63	39.82	55.93	52	0	0.148	26.35	9.26	-0.003	12.35
12/23/2010 9:00	12452	8.08	84	9.03	13.52	5.037	80.5	17.34	9.95	39.78	40.02	54.68	50.74	0	8.1	26.36	9.25	-0.007	12.42
12/23/2010 10:00	12453	8.85	97.9	13.95	17.1	5.897	97.5	20.5	13.52	40.32	40.95	58.4	53.54	0	71.88	26.36	9.25	-0.005	12.08
12/23/2010 11:00	12454	11.95	112.9	10.71	17.1	7.88	111.9	18.94	13.52	41.17	42.21	63.13	57.53	0	145.2	26.35	9.25	-0.004	12.33
12/23/2010 12:00	12455	11.29	116.2	13.43	17.1	7.59	116	20.77	15.31	42.51	43.82	61.45	55.59	0	195.9	26.34	9.24	-0.01	12.3
12/23/2010 13:00	12456	8.68	123.6	14.54	15.31	5.818	124.2	21.13	11.74	44.41	45.92	60.86	54.79	0	203.5	26.33	9.24	0	12.48
12/23/2010 14:00	12457	6.43	133.2	21.55	13.52	4.379	133.3	25.79	11.74	45.91	47.32	61.4	55.51	0	213.8	26.31	9.23	-0.003	12.46
12/23/2010 15:00	12458	6.603	117.3	22.72	11.74	4.497	117.7	29.93	9.95	46.82	48.4	61.56	55.41	0	220.1	26.29	9.23	-0.005	12.21
12/23/2010 16:00	12459	6.416	135.3	20.32	11.74	4.271	138	25.47	9.95	47.45	48.77	64.23	58.22	0	175.5	26.28	9.22	-0.006	12.77
12/23/2010 17:00	12460	7.219	120.4	17.85	11.74	4.841	120.5	23.75	9.95	47.72	48.92	68.07	61.95	0	124.2	26.27	9.22	-0.003	12.35
12/23/2010 18:00	12461	6.97	127.4	13.9	13.52	4.449	127.5	18.77	9.95	46.81	47.43	75.65	69.82	0	35.01	26.27	9.22	-0.003	12.09
12/23/2010 19:00	12462	7.574	124.7	9.99	13.52	4.567	124.6	16.91	9.95	44.9	45.21	82.6	76.67	0	0.076	26.25	9.21	-0.008	12.51
12/23/2010 20:00	12463	8.61	126	10.41	13.52	5.345	125.8	17.31	9.95	44.75	44.91	83.2	77.6	0	0	26.25	9.2	-0.003	12.32
12/23/2010 21:00	12464	7.177	132.4	40.45	13.52	4.298	136.9	37.39	9.95	43.53	43.84	90	83.1	0	0	26.25	9.2	0	12.18
12/23/2010 22:00	12465	5.408	36.88	28.4	9.95	2.785	33.39	26.88	6.368	43.45	43.73	92.4	85.9	0	0	26.28	9.2	0	12.13
12/23/2010 23:00	12466	4.506	48.66	25.46	8.16	1.981	48.32	23.34	6.368	43.4	43.75	92.7	86	0	0	26.27	9.2	-0.003	12.27
12/24/2010 0:00	12467	5.157	48.95	19.52	9.95	2.466	49.85	19.55	8.16	43.45	43.79	92.8	86	0	0	26.27	9.2	0	12.34
12/24/2010 1:00	12468	4.657	25.05	11.62	9.95	1.904	21.85	11.6	8.16	43.47	43.8	92.7	85.6	0	0	26.28	9.2	0	12.14
12/24/2010 2:00	12469	2.52	68.04	50.84	6.368	0.69	55.39	31.75	4.578	43.63	43.96	92.2	85	0	0	26.27	9.2	-0.003	12.53
12/24/2010 3:00	12470	8.34	315.4	8.97	13.52	6.482	316.1	9.71	13.52	44.08	44.27	92.7	86.1	0	0	26.28	9.19	-0.006	12.29
12/24/2010 4:00	12471	8.33	311.5	8.58	13.52	5.944	312.8	9.32	9.95	42.74	42.61	92.1	85.9	0	0	26.27	9.19	0	12.1
12/24/2010 5:00	12472	8.87	319.2	7.866	13.52	6.518	320.2	8.94	9.95	41.16	41.05	92	86.1	0	0	26.26	9.19	0.001	12.1
12/24/2010 6:00	12473	9.67	311.5	9.41	15.31	7.228	312.6	9.89	13.52	39.43	39.31	90.9	84.9	0	0	26.26	9.19	-0.002	12.35
12/24/2010 7:00	12474	12.84	328.4	8.76	27.84	9.7	329.8	10.82	24.26	40.13	39.9	84.6	80.5	0	0	26.28	9.19	-0.006	12.23
12/24/2010 8:00	12475	15.29	344.2	15.1	26.05	11.54	342.9	13.99	22.47	38.86	38.7	77.84	73.36	0	1.931	26.31	9.19	0	12.55
12/24/2010 9:00	12476	18.79	2.737	14.98	33.21	13.96	1.494	14.25	29.63	38.05	38.2	81.1	75.71	0	32.83	26.33	9.19	0	12.14
12/24/2010 10:00	12477	23.31	16.3	10.24	38.57	16.92	15.96	11.15	31.42	40.24	40.46	74.98	69.94	0	135.1	26.36	9.18	-0.001	12.66
12/24/2010 11:00	12478	19.22	17.59	10.69	29.63	13.68	16.59	12.38	26.05	42.15	42.59	65.64	60.9	0	307.5	26.43	9.18	-0.006	12.21
12/24/2010 12:00	12479	18.75	21.16	10.89	29.63	12.85	20.42	13.12	27.84	42.99	43.56	59.92	55.22	0	270.1	26.46	9.18	-0.003	12.31
12/24/2010 13:00	12480	17.15	18.13	11.28	26.05	12	17.7	13.61	22.47	42.75	43.25	60.07	55.38	0	186.9	26.45	9.17	-0.006	12.88
12/24/2010 14:00	12481	15.86	11.56	11.54	26.05	11.89	10.63	13.61	26.05	43.71	44.31	60.28	55.44	0	268.6	26.44	9.16	-0.006	12.15
12/24/2010 15:00	12482	16.23	8.4	11.97	26.05	11.96	7.786	14.33	22.47	44.94	45.74	59.01	53.92	0	349.3	26.44	9.15	-0.01	13.61
12/24/2010 16:00	12483	13.82	12.12	13.45	22.47	10.04	10.52	16.43	18.89	46.88	47.65	56.02	51.06	0	418.8	26.47	9.15	-0.003	15.14
12/24/2010 17:00	12484	12.55	18.13	13.13	20.68	8.63	16.71	15.19	17.1	48.49	49	52.71	48.37	0	243.4	26.49	9.14	-0.007	14.31
12/24/2010 18:00	12485	8.76	21.58	10.98	20.68	5.739	19.93	13.33	15.31	48.15	48.08	51.83	48.36	0	51.61	26.49	9.14	-0.005	12.38
12/24/2010 19:00	12486	5.701	12.9	11	9.95	2.713	4.084	18.55	8.16	44.95	43.39	56.01	54.32	0	0.173	26.48	9.13	-0.004	13.12
12/24/2010 20:00	12487	6.643	354.6	12.53	9.95	3.656	355.9	9.29	8.16	43.21	40.33	58.42	58.48	0	0	26.46	9.13	-0.001	12.25
12/24/2010 21:00	12488	8.92	359.1	5.788	11.74	5.289	356.7	9.87	8.16	40.7	39.16	59.98	58.72	0	0	26.47	9.13	-0.002	12.21
12/24/2010 22:00	12489	9.23	359.9	7.086	13.52	5.763	356.6	12.11	9.95	38.51	37.43	62.32	60.17	0	0	26.47	9.13	-0.003	12.71
12/24/2010 23:00	12490	8.6	1.104	6.847	13.52	5.122	353.8	10.28	9.95	36.75	35.52	64.81	62.76	0	0	26.47	9.13	-0.003	12.35
12/25/2010 0:00	12491	8.92	6.226	8.28	13.52	5.572	358.5	11.85	9.95	37.12	35.99	63.04	61.03	0	0	26.47	9.12	-0.003	14.31
12/25/2010 1:00	12492	6.122	357.5	30.74	13.52	3.242	356.4	35.13	9.95	34.05	31.86	66.67	65.3	0	0	26.47	9.12	-0.003	12.14
12/25/2010 2:00	12493	8.61	14.01	10.21	13.52	5.625	10.68	12.55	13.52	36.05	35.11	62.8	60.58	0	0	26.46	9.12	0.001	13.36
12/25/2010 3:00	12494	7.157	358.7	54.35	15.31	4.515	13.03	45.05	11.74	34.16	33.05	64.94	61.72	0	0	26.47	9.12	-0.005	12.22
12/25/2010 4:00	12495	6.477	315.4	34.59	13.52	4.103	304.4	37.61	9.95	29.03	27.49	71.79	69.7	0	0	26.47	9.12	0.003	12.71

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/25/2010 5:00	12496	7.044	319.4	14.64	15.31	4.079	319.3	22.32	11.74	28.74	28.07	73.04	69.49	0	0	26.47	9.12	-0.003	12.34
12/25/2010 6:00	12497	5.714	351.3	16.73	9.95	2.711	346.4	19.11	8.16	29.94	28.75	71.01	68.67	0	0	26.46	9.12	0	14.14
12/25/2010 7:00	12498	7.533	4.167	12.79	13.52	4.605	358.1	15.2	9.95	31.74	30.79	68.16	65.45	0	0	26.48	9.12	0.003	12.41
12/25/2010 8:00	12499	3.996	351.3	37.32	9.95	1.959	347	43.61	6.368	28.18	26.8	74.05	70.84	0	2.738	26.5	9.12	-0.003	12.68
12/25/2010 9:00	12500	6.413	6.436	11.46	9.95	4.177	1.219	14	8.16	30.79	30.4	69.62	65.7	0	113.9	26.52	9.12	0.003	12.52
12/25/2010 10:00	12501	7.644	40.53	19.54	11.74	4.744	37.46	21.01	9.95	37.05	37.83	61.58	56.53	0	305.8	26.59	9.12	-0.001	12.71
12/25/2010 11:00	12502	8.03	55.82	15.32	13.52	5.107	50.93	20.24	11.74	40.5	42.24	56.39	50.37	0	475.4	26.66	9.12	-0.003	14.76
12/25/2010 12:00	12503	7.087	49.29	22.92	11.74	4.628	44.56	28.77	11.74	44.09	45.8	48.95	43.59	0	593.5	26.71	9.1	-0.015	13.02
12/25/2010 13:00	12504	5.618	50.99	32.16	11.74	3.592	43.54	35.96	9.95	47.49	49.11	42.91	38.04	0	652	26.71	9.09	-0.01	12.25
12/25/2010 14:00	12505	4.299	61.6	51.98	9.95	2.985	57.34	54.12	8.16	50.83	52.08	38.43	34.27	0	640.2	26.7	9.09	-0.003	13.03
12/25/2010 15:00	12506	3.819	36.13	49.11	8.16	2.523	25.28	45.27	8.16	53.25	53.98	35.52	31.72	0	560.5	26.7	9.08	-0.003	13.12
12/25/2010 16:00	12507	3.674	100.8	59.91	9.95	2.477	93.5	60.46	6.368	53.82	54.62	34.77	31.02	0	425.7	26.69	9.07	-0.01	13.12
12/25/2010 17:00	12508	2.999	81.3	34.92	9.95	1.932	81.5	35.17	8.16	54.06	54.73	34.11	30.63	0	248.8	26.67	9.07	-0.002	14.16
12/25/2010 18:00	12509	4.708	98	15.13	8.16	2.249	94.5	15.59	6.368	50.06	49.66	38.16	35.43	0	57.54	26.64	9.07	-0.004	13
12/25/2010 19:00	12510	6.617	108.1	6.572	8.16	2.828	85.2	8.48	4.578	45.22	40.51	43.78	45.18	0	0.198	26.59	9.06	-0.007	12.54
12/25/2010 20:00	12511	6.55	94	7.049	9.95	2.763	76.17	7.557	4.578	40.94	37.08	49.22	50.04	0	0	26.55	9.06	-0.003	12.46
12/25/2010 21:00	12512	7.182	104.2	6.545	9.95	2.817	79.6	10.87	4.578	39.59	35.03	51.62	53.58	0	0	26.53	9.06	-0.003	13.3
12/25/2010 22:00	12513	7.014	119.9	6.508	9.95	2.18	93.1	11.21	4.578	34.99	31.47	58.14	58.9	0	0	26.51	9.05	-0.002	12.22
12/25/2010 23:00	12514	7.923	129.9	7.372	9.95	3.249	123	14.83	6.368	33.58	31.32	61.03	60.51	0	0	26.5	9.05	-0.001	12.48
12/26/2010 0:00	12515	6.951	129.3	6.836	9.95	2.077	107.2	13.2	4.578	31.19	28.43	64.71	64.42	0	0	26.5	9.05	-0.003	12.6
12/26/2010 1:00	12516	6.34	130.1	10.23	9.95	1.791	112.6	11.9	4.578	30.57	28.01	66.72	66.43	0	0	26.48	9.05	-0.003	12.51
12/26/2010 2:00	12517	3.445	159.6	18.99	6.368	0.106	170.7	5.049	2.789	28.98	27.17	69.66	68.12	0	0	26.46	9.05	0.003	12.24
12/26/2010 3:00	12518	1.709	179.7	32.98	4.578	0.001	42.33	0	2.789	27.96	26.19	72.62	70.21	0	0	26.45	9.05	-0.002	12.31
12/26/2010 4:00	12519	1.369	173.6	15.51	4.578	0.255	76.85	4.179	2.789	27.68	26.05	73.72	71.77	0	0	26.43	9.05	0.004	12.29
12/26/2010 5:00	12520	1.686	239.5	18.33	4.578	0	0	0	0	27.35	24.24	75.04	72.07	0	0	26.41	9.05	-0.003	12.25
12/26/2010 6:00	12521	2.696	183.1	10.12	6.368	0	0	0	0	27.84	25.24	76.56	74.62	0	0	26.38	9.05	0.001	12.41
12/26/2010 7:00	12522	3.653	210.7	9.17	6.368	0	0	0	0	27.63	23.99	77.99	77.17	0	0	26.37	9.05	0	14.58
12/26/2010 8:00	12523	1.085	158.6	16.79	4.578	0.611	64.38	4.273	2.789	26.7	24.84	81	78.16	0	2.708	26.37	9.05	0	12.53
12/26/2010 9:00	12524	2.639	180.3	12.54	8.16	0.155	180.5	4.753	4.578	30	29.47	76.52	72.27	0	133.4	26.37	9.05	0.001	12.45
12/26/2010 10:00	12525	8.42	176.5	11.41	18.89	5.554	179	16.73	17.1	38.41	39.45	58.45	53.57	0	314.5	26.43	9.05	-0.001	12.55
12/26/2010 11:00	12526	16.06	178.6	10.33	24.26	10.43	180.4	16.51	20.68	45.77	47.31	43.13	38.31	0	487.2	26.5	9.05	0	13.04
12/26/2010 12:00	12527	16.66	176.3	11.21	26.05	10.94	177.8	17.1	20.68	48.73	50.76	39.46	34.28	0	606.8	26.52	9.05	0.001	13.11
12/26/2010 13:00	12528	16.67	181	11.63	26.05	11.04	182.6	17.19	18.89	51.19	53.44	35.11	29.95	0	664.2	26.5	9.02	-0.029	13.82
12/26/2010 14:00	12529	15.25	178	12.59	24.26	10.16	179.8	18.05	18.89	53.56	55.87	31.42	26.4	0	645.2	26.47	8.98	-0.043	12.17
12/26/2010 15:00	12530	15.5	175.7	11.68	22.47	10.13	176.5	17.05	17.1	54.92	57.01	28.81	24.05	0	571.4	26.44	8.96	-0.014	13.16
12/26/2010 16:00	12531	16.42	174.9	10.65	26.05	10.49	176.8	16.58	20.68	55.36	57.05	28.69	24.19	0	436	26.42	8.95	-0.019	12.17
12/26/2010 17:00	12532	14.11	174.2	11.31	22.47	8.94	176.3	16.98	17.1	55.53	56.6	29.8	25.79	0	258.7	26.4	8.93	-0.017	14.78
12/26/2010 18:00	12533	10.95	157.3	11.86	20.68	6.319	156.4	17.37	15.31	52.56	52.07	33.06	30.39	0	54.18	26.37	8.91	-0.022	12.91
12/26/2010 19:00	12534	8.77	137.9	10.12	13.52	4.256	132.4	17.38	9.95	45.65	43.72	40.95	39.59	0	0.093	26.33	8.9	-0.004	12.79
12/26/2010 20:00	12535	11.21	147.4	7.536	17.1	6.33	147.5	13.37	11.74	43.57	42.51	44.44	42.21	0	0	26.3	8.9	-0.006	12.66
12/26/2010 21:00	12536	10.63	156.4	8.72	18.89	6.111	157.5	14.15	13.52	41.7	40.84	46.79	44.32	0	0	26.29	8.89	-0.007	12.49
12/26/2010 22:00	12537	4.904	175.2	13.9	9.95	1.078	182.7	14.96	6.368	37.23	35.6	52.68	51.09	0	0	26.26	8.89	-0.002	12.44
12/26/2010 23:00	12538	4.943	187.8	10.45	8.16	0.969	190.8	10.22	4.578	34.78	32.62	56.12	55.23	0	0	26.23	8.88	-0.003	12.28
12/27/2010 0:00	12539	5.542	188.7	7.949	8.16	1.523	190.8	9.84	4.578	34.47	32.08	58.15	57.57	0	0	26.21	8.88	-0.001	12.33
12/27/2010 1:00	12540	7.042	189.8	5.993	13.52	2.552	189.1	11.16	6.368	33.3	30.64	60.64	60.39	0	0	26.19	8.88	-0.003	12.6

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/27/2010 2:00	12541	5.945	200.8	9.97	8.16	1.369	203	11.75	4.578	32.62	29.78	62.07	62.42	0	0	26.18	8.88	-0.003	13.48
12/27/2010 3:00	12542	3.631	229.2	14.81	6.368	0.406	262.7	17.45	4.578	31.77	29.7	63.36	62.36	0	0	26.17	8.88	0	12.39
12/27/2010 4:00	12543	4.717	239.5	9.14	8.16	0.92	262.7	14.98	4.578	31.79	28.93	63.36	63.46	0	0	26.17	8.87	-0.003	12.13
12/27/2010 5:00	12544	5.515	244.7	15.71	8.16	1.601	264.9	18.6	4.578	32.11	29.25	62.52	62.64	0	0	26.17	8.87	0	12.79
12/27/2010 6:00	12545	5.555	297.7	23.12	8.16	2.297	311.2	23.87	6.368	31.26	28.89	64.03	63.44	0	0	26.18	8.87	0	12.26
12/27/2010 7:00	12546	3.622	258.2	13.46	6.368	0.361	200.7	19.5	2.789	30.38	27.36	64.71	65.46	0	0	26.18	8.87	-0.006	12.7
12/27/2010 8:00	12547	4.701	276.3	17.63	8.16	2.055	303.2	25.83	6.368	31.34	28.67	63.04	63.33	0	1.428	26.19	8.87	0	12.67
12/27/2010 9:00	12548	4.615	261.9	10.37	8.16	1.339	262.4	9.98	6.368	32.34	30.02	61.4	61.28	0	53.58	26.2	8.87	0	12.3
12/27/2010 10:00	12549	5.368	240.8	16.62	9.95	4.121	240.4	16.99	8.16	36.64	37.03	54.49	50.27	0	217.5	26.24	8.87	0	12.72
12/27/2010 11:00	12550	4.384	244.8	27.3	8.16	3.118	246.9	27.9	6.368	44.82	45.62	43.41	39.02	0	468	26.31	8.86	-0.01	12.36
12/27/2010 12:00	12551	4.916	263.7	21.97	9.95	3.814	263.2	24.44	8.16	54.02	54.58	33.8	30.06	0	562.4	26.38	8.85	-0.012	12.8
12/27/2010 13:00	12552	4.769	248.4	49.77	11.74	3.389	245.4	44.5	11.74	61.51	62.27	27.6	23.94	0	607.2	26.4	8.84	-0.006	14.44
12/27/2010 14:00	12553	7.642	217.2	25.24	15.31	5.726	218.3	28.21	11.74	61.66	63.17	27.35	23.05	0	599.3	26.39	8.82	-0.016	14.57
12/27/2010 15:00	12554	7.086	226.8	24.73	15.31	5.229	225.4	28.19	13.52	62.8	63.9	26.23	22.2	0	521.4	26.38	8.81	-0.009	12.76
12/27/2010 16:00	12555	7.725	268.1	31.72	13.52	6.129	270.3	34.55	13.52	63.19	63.76	25.86	22.19	0	348.8	26.36	8.8	-0.012	14.35
12/27/2010 17:00	12556	8.18	296.6	11.83	13.52	6.641	298.6	13.7	11.74	62.32	62.52	26.75	23.37	0	210.8	26.34	8.79	-0.016	12.98
12/27/2010 18:00	12557	6.907	309	8.44	11.74	4.874	311.6	9.19	9.95	59.27	58.79	28.47	25.69	0	62.64	26.33	8.77	-0.013	12.84
12/27/2010 19:00	12558	4.243	16.46	82.8	8.16	2.251	67.88	69.38	6.368	54	50.45	32.7	32.64	0	0.072	26.3	8.76	-0.008	13.49
12/27/2010 20:00	12559	3.174	110.6	35.22	6.368	1.553	94.4	24.19	4.578	51.88	47.71	34.81	35.55	0	0	26.28	8.76	-0.005	12.63
12/27/2010 21:00	12560	2.857	17.6	14.7	6.368	0.59	24.32	13.9	4.578	51.91	45.48	34.61	38.01	0	0	26.27	8.76	-0.003	12.6
12/27/2010 22:00	12561	5.309	187.1	61.08	17.1	2.26	183.3	38.55	9.95	48.45	45.14	39.08	39.3	0	0	26.28	8.75	-0.003	12.64
12/27/2010 23:00	12562	2.975	94.9	63.96	6.368	1.291	81.6	36.03	4.578	46.25	44.19	42.39	41.32	0	0	26.29	8.75	-0.003	12.38
12/28/2010 0:00	12563	3.782	145.6	24.83	9.95	0.953	111	24.81	6.368	44.53	40.89	44.55	45.22	0	0	26.29	8.75	0	12.75
12/28/2010 1:00	12564	2.6	129.7	29.96	6.368	0.662	74.76	10.26	4.578	42.62	39.47	47.5	47.57	0	0	26.27	8.75	-0.003	12.96
12/28/2010 2:00	12565	2.572	200	24.36	6.368	0.145	57.14	2.801	2.789	42.36	39.18	50.14	49.41	0	0	26.25	8.74	-0.003	12.81
12/28/2010 3:00	12566	1.926	13.13	13.55	6.368	0.944	28.15	14.07	4.578	41.38	39.18	52.48	50.6	0	0	26.25	8.74	-0.003	12.78
12/28/2010 4:00	12567	4.892	24.15	16.2	9.95	2.655	29.48	18.55	8.16	39.32	38.61	54.37	51.44	0	0	26.25	8.74	-0.003	12.11
12/28/2010 5:00	12568	7.403	29.88	10.99	11.74	4.128	31.62	15.34	11.74	37.56	37.27	56.07	52.61	0	0	26.25	8.74	0	12.3
12/28/2010 6:00	12569	8.91	23.78	9.01	13.52	5.661	24.07	13.09	11.74	37.32	37.26	57.25	53.44	0	0	26.24	8.73	-0.003	12.23
12/28/2010 7:00	12570	10.42	20.12	7.863	15.31	7.119	19.75	10.34	13.52	37.17	37.22	57.72	53.77	0	0	26.24	8.73	-0.003	12.18
12/28/2010 8:00	12571	8.63	29.07	10.64	13.52	4.708	32.11	12.88	11.74	36.36	36.35	59.11	55.18	0	0.831	26.25	8.73	-0.003	12.61
12/28/2010 9:00	12572	8.76	27.11	9.49	13.52	4.838	28.73	12.59	11.74	36.02	36.07	59.85	55.83	0	32.18	26.26	8.73	-0.003	12.44
12/28/2010 10:00	12573	7.696	41.98	14.48	13.52	4.353	40.32	16.04	9.95	38.4	38.77	56.9	52.55	0	140.2	26.28	8.71	-0.019	12.69
12/28/2010 11:00	12574	4.533	57.74	30.02	8.16	2.69	49.25	30.28	6.368	43.84	44.66	53.4	48.69	0	329.6	26.31	8.7	-0.009	12.81
12/28/2010 12:00	12575	2.368	35.32	70.91	6.368	1.343	8.74	51.13	6.368	50.43	50.99	55.46	51.05	0	395.2	26.35	8.69	-0.003	12.96
12/28/2010 13:00	12576	2.782	140.8	38.73	8.16	1.448	152.7	32.35	6.368	50.81	51.72	52.97	48.36	0	248.4	26.32	8.69	-0.003	13.26
12/28/2010 14:00	12577	2.901	60.78	63.46	8.16	1.943	46.75	65.71	6.368	53.61	54.36	48.4	44.12	0	387.4	26.28	8.68	-0.006	13
12/28/2010 15:00	12578	4.595	80.8	52.54	9.95	3.04	86.4	51.09	8.16	55.55	56.41	44.6	40.4	0	385.1	26.27	8.68	-0.007	13.16
12/28/2010 16:00	12579	5.457	126.3	29.82	11.74	3.787	127.4	32.96	8.16	56.19	57.76	41.12	36.41	0	329.3	26.27	8.67	-0.008	13.12
12/28/2010 17:00	12580	5.366	126.4	21.9	9.95	3.264	122.9	23.44	8.16	54.75	55.37	44.83	40.72	0	103.3	26.26	8.66	-0.01	13.23
12/28/2010 18:00	12581	3.397	68.61	15.92	6.368	1.309	70.15	16.54	4.578	53.9	53.85	46.82	43.43	0	46.44	26.23	8.66	-0.003	14.34
12/28/2010 19:00	12582	4.14	67.75	26.53	8.16	1.511	69.24	10.88	4.578	50.92	48.18	50.76	49.9	0	0.175	26.21	8.65	-0.005	12.8
12/28/2010 20:00	12583	5.235	163.3	9.78	8.16	1.862	104.3	12.19	4.578	47.44	43.47	57.05	57.39	0	0	26.18	8.65	-0.005	12.77
12/28/2010 21:00	12584	6.692	166.8	20.01	9.95	2.28	153.7	30.96	4.578	45.06	41.9	60.03	60.65	0	0	26.16	8.64	-0.005	12.61
12/28/2010 22:00	12585	2.156	176.1	17.95	8.16	0.189	173.4	12.65	4.578	42.85	40.55	58.95	59.6	0	0	26.15	8.64	0.002	12.7

WCS Meteorological Data
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TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/28/2010 23:00	12586	3.487	192.6	8.73	6.368	0.133	140.2	7.043	2.789	41.56	37.66	59.23	62.75	0	0	26.13	8.64	-0.003	12.5
12/29/2010 0:00	12587	3.963	189	30.13	6.368	0.432	92.3	10.25	2.789	39.82	35.79	60.77	64.77	0	0	26.11	8.64	-0.003	13.06
12/29/2010 1:00	12588	1.92	236.9	14.51	6.368	0	0	0	0	37.66	33.88	64.53	67.06	0	0	26.09	8.63	-0.003	14.93
12/29/2010 2:00	12589	3.961	244	12.33	6.368	0.067	306.7	0.689	2.789	37.91	33.19	63.34	66.87	0	0	26.06	8.63	-0.001	12.74
12/29/2010 3:00	12590	3.184	233	22.96	6.368	0	0	0	0	36.97	32.5	64.21	67.82	0	0	26.04	8.63	0	12.58
12/29/2010 4:00	12591	3.573	170.8	19.95	6.368	0.002	116.1	0.088	2.789	34.76	30.86	70.33	71.37	0	0	26.02	8.63	0	12.11
12/29/2010 5:00	12592	5.116	159.7	10.15	6.368	0.96	116	4.556	4.578	30.47	27.04	85.6	80.5	0	0	26	8.63	0	12.2
12/29/2010 6:00	12593	3.537	174.2	8.32	6.368	0.033	127.5	0.548	2.789	28.38	26.12	90.2	82.9	0	0	25.98	8.63	0	12.7
12/29/2010 7:00	12594	2.412	147.8	16.52	4.578	0.174	85.1	2.801	2.789	28.5	26.36	90.5	83.2	0	0	25.95	8.63	0	12.19
12/29/2010 8:00	12595	4.628	156.4	6.296	8.16	0.571	121.4	5.422	4.578	28.06	25.52	90.4	83	0	1.957	25.95	8.63	0.001	14.36
12/29/2010 9:00	12596	2.629	178.1	22.56	6.368	0.23	204.9	11.81	4.578	30.96	30.11	89.5	83.5	0	111.3	25.94	8.63	-0.001	13.93
12/29/2010 10:00	12597	6.897	201.7	17.22	15.31	4.5	204.7	16.01	11.74	40.62	41.31	65.52	61.1	0	301	25.98	8.63	-0.001	12.46
12/29/2010 11:00	12598	12.45	224.3	9.94	20.68	8.63	223.7	13.43	17.1	49.39	50.41	45.1	40.71	0	478.8	26.04	8.63	-0.004	12.76
12/29/2010 12:00	12599	15.4	224.1	10.52	24.26	10.6	223.5	13.7	18.89	55.91	57.25	35.26	30.96	0	579.5	26.07	8.6	-0.023	12.94
12/29/2010 13:00	12600	18.14	229.1	11.02	26.05	12.5	227.8	14.17	20.68	59.86	61.21	29.1	25.03	0	645.7	26.04	8.58	-0.021	12.77
12/29/2010 14:00	12601	19.74	228.9	12.17	31.42	13.64	228.6	15.03	26.05	63.24	64.56	22.51	18.67	0	627.3	26	8.57	-0.013	12.91
12/29/2010 15:00	12602	20.13	232.8	11.73	31.42	13.7	231.8	15.17	24.26	64.19	65.28	20.41	16.66	0	555.3	25.98	8.55	-0.016	13.9
12/29/2010 16:00	12603	21.51	235.9	11.12	34.99	14.47	234.8	14.77	27.84	64.39	65.13	19.85	16.26	0	397.8	25.96	8.53	-0.029	12.84
12/29/2010 17:00	12604	19.85	234.7	9.02	31.42	12.86	232.8	13.23	26.05	61.47	61.54	20.87	17.67	0	104.5	25.93	8.5	-0.024	13.21
12/29/2010 18:00	12605	15.75	227.2	7.914	26.05	10.11	225.6	12.32	18.89	59.15	58.81	22.27	19.34	0	16.51	25.9	8.48	-0.021	12.29
12/29/2010 19:00	12606	15.28	226.8	8.4	26.05	9.81	225	12.53	18.89	57.71	57.23	23.05	20.2	0	0.06	25.88	8.46	-0.022	12.72
12/29/2010 20:00	12607	12.05	229.6	8.93	20.68	7.543	228.4	12.87	13.52	56.08	55.53	25.33	22.55	0	0	25.87	8.45	-0.012	12.93
12/29/2010 21:00	12608	10.2	217.3	9.98	17.1	6.165	215.7	13.09	11.74	55.48	54.68	26.25	23.7	0	0	25.87	8.44	-0.009	12.82
12/29/2010 22:00	12609	14.65	219.7	8.98	29.63	9.52	219	12.29	22.47	57.46	56.86	24.98	22.28	0	0	25.86	8.43	-0.01	12.23
12/29/2010 23:00	12610	14.88	212.5	8.23	26.05	9.78	212.5	11.59	18.89	56.57	56.08	26.06	23.24	0	0	25.87	8.42	-0.01	12.81
12/30/2010 0:00	12611	18.04	230.7	15.27	33.21	11.93	229	17.28	24.26	57.47	56.98	24.9	22.11	0	0	25.86	8.41	-0.013	12.63
12/30/2010 1:00	12612	16.64	240.6	13.49	36.78	11.18	238.9	15.56	27.84	56.2	55.73	25.3	22.47	0	0	25.86	8.4	-0.009	12.35
12/30/2010 2:00	12613	15.5	240.9	9.18	27.84	10.22	239.8	12.52	20.68	54.43	53.95	26.33	23.47	0	0	25.85	8.39	-0.008	12.31
12/30/2010 3:00	12614	13.58	253.6	12.95	27.84	9.62	251.6	14.52	18.89	53.72	53.16	26.18	23.46	0	0	25.85	8.38	-0.006	12.31
12/30/2010 4:00	12615	15.73	229.1	12.73	26.05	10.32	227.5	15.38	20.68	54.41	53.85	24.03	21.25	0	0	25.85	8.37	-0.009	12.15
12/30/2010 5:00	12616	15.25	226.1	10.06	26.05	9.7	224.1	13.64	18.89	52.11	51.43	26.24	23.48	0	0	25.83	8.36	-0.012	12.23
12/30/2010 6:00	12617	12.97	235.8	13.26	22.47	8.36	233.5	16.18	15.31	49.62	48.93	30.18	27.35	0	0	25.83	8.35	-0.006	13.46
12/30/2010 7:00	12618	11.5	249.6	11.75	20.68	7.834	247.2	14.08	15.31	47.39	46.66	35.7	32.91	0	0	25.84	8.35	-0.006	12.17
12/30/2010 8:00	12619	11.16	238.4	9.89	17.1	6.878	238.4	13.44	13.52	46.83	46.01	40.17	37.46	0	1.051	25.84	8.34	-0.006	12.15
12/30/2010 9:00	12620	8.9	242.3	10.03	13.52	5.546	242.3	12.95	9.95	46.17	45.51	43.69	40.58	0	97	25.85	8.33	-0.013	12.44
12/30/2010 10:00	12621	11.78	240.3	11.27	26.05	8.3	238.7	14.87	18.89	52.46	52.79	40.9	36.88	0	293.6	25.88	8.31	-0.014	12.31
12/30/2010 11:00	12622	19.75	237	12.09	33.21	13.43	235.6	15.04	26.05	57.3	58.01	34.14	30.22	0	457.4	25.92	8.3	-0.011	12.19
12/30/2010 12:00	12623	22.13	221.5	10.2	36.78	14.78	220.8	13.59	27.84	59.44	60.69	29.57	25.37	0	578.8	25.94	8.29	-0.015	12.31
12/30/2010 13:00	12624	22.03	219.2	11.21	33.21	14.89	218.8	14.16	26.05	61.67	63.13	25.01	20.8	0	640.5	25.92	8.27	-0.019	12.3
12/30/2010 14:00	12625	22.53	205.9	13.58	34.99	15.22	206.1	15.98	27.84	62.84	64.5	22.94	18.66	0	632	25.89	8.25	-0.019	12.29
12/30/2010 15:00	12626	20.9	196.4	12.64	34.99	14.06	197.6	16.04	26.05	63.61	65.27	21.92	17.65	0	553.5	25.86	8.23	-0.025	12.33
12/30/2010 16:00	12627	21.48	214	15.18	36.78	14.43	214.2	17.43	29.63	65.35	66.31	18.57	14.83	0	394.6	25.84	8.18	-0.041	12.33
12/30/2010 17:00	12628	19.87	213.9	9.23	34.99	13.32	213.7	12.96	26.05	65.02	65.22	18.76	15.45	0	133.3	25.8	8.16	-0.025	12.27
12/30/2010 18:00	12629	19.25	222.2	19.75	42.15	12.92	221.7	20.98	34.99	63.95	63.61	23.22	20.96	0	7.639	25.77	8.14	-0.017	12.44
12/30/2010 19:00	12630	13.7	223.7	13.19	54.68	8.7	223	15.96	40.36	60.78	59.99	32.71	31.97	0	0.029	25.75	8.14	-0.006	14.75

WCS Meteorological Data
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TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/30/2010 20:00	12631	16.48	266.3	28.9	36.78	12.45	265.6	31.73	29.63	58.01	57.66	36.59	34	0	0	25.77	8.11	-0.025	12.29
12/30/2010 21:00	12632	20.32	284.8	10.78	36.78	16.05	284.6	14	29.63	50.37	50.39	55.06	51.32	0	0	25.81	8.1	-0.012	12.3
12/30/2010 22:00	12633	21.1	278.3	9.88	36.78	16.55	276.6	12.83	31.42	46.09	46.19	62.59	58.47	0	0	25.83	8.09	-0.005	15.14
12/30/2010 23:00	12634	22.88	278.5	9.87	40.36	18.13	276.8	12.96	33.21	43.55	43.65	62.85	58.94	0	0	25.83	8.08	-0.016	12.49
12/31/2010 0:00	12635	23.17	276.7	9.11	36.78	18.32	274.5	11.97	33.21	42.5	42.53	58.64	55.05	0	0	25.85	8.07	-0.01	12.73
12/31/2010 1:00	12636	20.73	273.7	10.16	52.89	16.36	271.5	12.74	49.31	41.03	41.04	54.13	50.47	0	0	25.88	8.07	0.001	12.15
12/31/2010 2:00	12637	15.01	264.4	13.64	26.05	11.77	261.8	15	22.47	38.87	38.85	57.96	54.14	0	0	25.9	8.07	0.002	12.33
12/31/2010 3:00	12638	13.93	241.8	11.81	24.26	10.05	240.7	13.12	18.89	36.84	36.62	52.94	49.66	0	0	25.92	8.07	0	12.27
12/31/2010 4:00	12639	12.42	243.5	14.9	20.68	8.87	242.6	16.35	17.1	35.47	35.13	46.86	43.94	0	0	25.93	8.07	-0.006	12.12
12/31/2010 5:00	12640	9.89	256.4	13.92	17.1	7.265	254.4	14.58	13.52	34.89	34.61	42.05	39.09	0	0	25.95	8.06	-0.003	12.16
12/31/2010 6:00	12641	9.75	264.4	10.75	13.52	7.529	261.9	11.71	11.74	33.54	33.55	40.89	37.68	0	0	25.95	8.06	-0.003	12.16
12/31/2010 7:00	12642	8.65	278.6	11.18	17.1	6.877	277.2	14.21	13.52	33.24	33.35	31.8	28.81	0	0	25.96	8.06	-0.003	15.19
12/31/2010 8:00	12643	10.76	288	7.56	17.1	8.58	288.5	11.09	15.31	33.44	33.59	27.25	24.17	0	0.321	25.99	8.05	-0.003	12.13
12/31/2010 9:00	12644	10.04	280.5	9.91	15.31	8.02	279.4	13.12	13.52	33.47	33.66	25.9	22.7	0	12.78	26.01	8.05	-0.006	12.67
12/31/2010 10:00	12645	10.02	288.1	10.37	17.1	8.18	288.7	13.96	15.31	34.52	34.83	25.35	22.03	0	64.91	26.02	8.03	-0.016	12.35
12/31/2010 11:00	12646	9.74	286.1	12.32	17.1	8.01	286.6	15.91	15.31	36.58	37.05	27.3	24.03	0	157.1	26.05	8.02	-0.006	12.19
12/31/2010 12:00	12647	9.11	285.3	14.32	15.31	7.571	285.7	17.65	13.52	37.28	37.83	27.27	23.83	0	167.5	26.07	8.01	-0.01	12.31
12/31/2010 13:00	12648	6.268	271.6	28.88	13.52	5.096	270.1	28.58	11.74	38.64	39.24	23.94	20.31	0	211.4	26.07	8	-0.014	14.96
12/31/2010 14:00	12649	4.531	247.7	36.04	11.74	3.432	244.6	34.09	8.16	39.95	40.47	22.39	18.74	0	219.4	26.07	7.99	-0.011	12.36
12/31/2010 15:00	12650	5.358	225.9	29.76	11.74	4.037	224.7	30.24	9.95	41.25	41.92	22.04	18.28	0	238.7	26.07	7.968	-0.022	12.74
12/31/2010 16:00	12651	7	239.2	18.07	11.74	5.26	238.6	20.48	9.95	41.41	42.08	23.88	20.07	0	165	26.07	7.961	-0.006	13.21
12/31/2010 17:00	12652	9.65	246.3	19.2	17.1	7.248	245.1	19.53	13.52	41.29	41.67	28.78	24.99	0	58.51	26.07	7.942	-0.019	14.34
12/31/2010 18:00	12653	10.58	274.2	10.68	18.89	8.29	271.8	13.19	15.31	40.41	40.62	36.56	32.61	0	12.59	26.07	7.936	-0.006	12.47
12/31/2010 19:00	12654	6.607	241.3	17.21	11.74	4.481	240.3	18.25	9.95	39.8	39.8	37.73	34.39	0	0.122	26.08	7.934	-0.001	12.81
12/31/2010 20:00	12655	6.639	214.1	26.45	13.52	4.147	215.8	26.62	9.95	39.63	39.42	35.38	32.07	0	0	26.09	7.932	-0.002	12.44
12/31/2010 21:00	12656	7.374	255.1	11.17	13.52	5.336	253.4	12.97	11.74	40.4	40.29	41.01	37.48	0	0	26.1	7.929	-0.003	12.59
12/31/2010 22:00	12657	9.22	277.6	11.01	20.68	7.159	275.9	13.09	20.68	40.71	40.67	42.41	38.82	0	0	26.12	7.922	-0.007	12.5
12/31/2010 23:00	12658	13.51	273.5	13.94	24.26	10.64	272.3	16.62	20.68	40.06	40.06	44.55	40.8	0	0	26.16	7.91	-0.012	12.28
1/1/2011 0:00	12659	13.7	314.7	15.15	22.47	11.07	316.1	15.42	18.89	34.43	34.52	40.38	36.92	0	0	26.19	7.91	0	12.47
1/1/2011 1:00	12660	8.95	325.6	7.395	26.05	6.866	326.1	9.03	20.68	31.06	30.81	36.9	33.8	0	0	26.19	7.907	-0.003	14.44
1/1/2011 2:00	12661	7.23	327.5	7.828	11.74	5.272	327	10.45	9.95	29.36	29.05	38.95	35.87	0	0	26.18	7.909	0.002	12.65
1/1/2011 3:00	12662	5.317	310.8	11.66	8.16	3.828	311	12.58	8.16	28.3	28.06	38.8	35.7	0	0	26.19	7.909	0	12.42
1/1/2011 4:00	12663	9.13	324	7.179	17.1	6.833	325	9.34	13.52	27.04	26.62	36.99	34.2	0	0	26.19	7.909	0	12.3
1/1/2011 5:00	12664	11.46	329	7.432	17.1	9.04	329.4	9.34	13.52	26.09	25.88	33.66	30.54	0	0	26.2	7.909	0	12.16
1/1/2011 6:00	12665	11.8	330.1	7.763	17.1	9.43	329.7	9.99	15.31	24.62	24.44	33.45	30.21	0	0	26.2	7.917	0.007	12.4
1/1/2011 7:00	12666	10.46	326.3	7.767	17.1	8.28	326.2	9.58	15.31	24.31	24.06	32.17	29.06	0	0	26.22	7.92	0.003	12.27
1/1/2011 8:00	12667	9.31	323	8.32	15.31	7.116	323.8	9.99	13.52	23.67	23.31	32.1	29.1	0	1.755	26.25	7.921	0.001	12.24
1/1/2011 9:00	12668	10.3	326.6	7.673	17.1	8.23	327.2	9.39	15.31	24.9	24.84	30.86	27.36	0	111.7	26.27	7.923	0.002	12.27
1/1/2011 10:00	12669	12.51	321.5	9.13	22.47	10.37	322.5	10.98	20.68	30.61	31.09	22.94	19.35	0	318.3	26.33	7.923	0	12.56
1/1/2011 11:00	12670	10.87	322.6	13.2	20.68	9.22	322.8	14.13	17.1	34.81	35.7	18.46	14.72	0	490.6	26.41	7.92	-0.003	12.6
1/1/2011 12:00	12671	10.2	276.8	22.94	18.89	8.41	276.8	26.83	17.1	38.19	39.22	19.03	15.01	0	614.9	26.44	7.922	0.002	12.37
1/1/2011 13:00	12672	13.42	256.2	16.59	22.47	10.69	254.1	17.81	18.89	39.95	41.34	19.69	15.43	0	678.8	26.42	7.849	-0.073	12.38
1/1/2011 14:00	12673	14.52	255.6	13.67	24.26	11.7	252.8	15.3	18.89	41.58	42.85	17.45	13.34	0	673.8	26.4	7.836	-0.013	15.16
1/1/2011 15:00	12674	15.35	256.9	12.68	24.26	12.31	255	14.23	20.68	42.07	43.22	12.94	8.94	0	538.3	26.38	7.823	-0.013	14.51
1/1/2011 16:00	12675	14.42	261.2	14.02	22.47	11.68	259.5	15.73	18.89	42.92	43.79	12.33	8.39	0	446.5	26.36	7.808	-0.016	14.46

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/1/2011 17:00	12676	12.86	265.8	12.46	22.47	10.45	264	14.06	17.1	42.74	43.39	12.92	9.03	0	263.3	26.36	7.796	-0.012	13.11
1/1/2011 18:00	12677	9.35	269.9	8.77	17.1	6.986	268.1	10.53	15.31	41.33	41.17	14.79	11.31	0	80.8	26.35	7.796	0	12.79
1/1/2011 19:00	12678	7.124	294	10.46	9.95	2.999	311.7	10.73	4.578	36.15	32.1	18.67	17.77	0	0.239	26.33	7.786	-0.01	12.13
1/1/2011 20:00	12679	4.878	305.1	12.28	9.95	2.384	335.6	51.24	4.578	33.51	29.1	21.55	21.31	0	0	26.3	7.785	-0.001	12.09
1/1/2011 21:00	12680	3.873	318.1	9.92	8.16	1.099	37.42	52.71	4.578	32.66	26.13	22.08	23.24	0	0	26.29	7.782	-0.003	12.77
1/1/2011 22:00	12681	2.701	356.8	70.22	6.368	1.377	82.1	19	6.368	29.26	22.84	25.16	26.45	0	0	26.29	7.785	0.002	12.16
1/1/2011 23:00	12682	3.965	286.8	17.78	9.95	1.497	8.4	45.93	4.578	28.13	22.35	24.23	25.98	0	0	26.29	7.785	0	14.12
1/2/2011 0:00	12683	9.7	318.1	7.366	13.52	5.794	324.2	8.23	9.95	29.88	26.72	21.49	20.9	0	0	26.3	7.785	0	12.74
1/2/2011 1:00	12684	9.28	323.3	6.57	18.89	5.893	327	7.769	11.74	28.64	26.49	23.28	21.76	0	0	26.33	7.784	-0.001	12.17
1/2/2011 2:00	12685	2.707	330.7	14.01	9.95	2.146	28.87	57.52	6.368	24.76	21.75	28.03	27.11	0	0	26.33	7.785	0.001	12.38
1/2/2011 3:00	12686	1.069	311	23.6	6.368	1.519	77.28	44.05	4.578	23.33	17.79	29.12	30.81	0	0	26.32	7.785	0	12.48
1/2/2011 4:00	12687	3.425	17.63	37.31	8.16	1.934	56.5	39.23	6.368	22.67	19.19	29.73	29.63	0	0	26.31	7.785	0	12.32
1/2/2011 5:00	12688	5.577	19.3	30.23	9.95	2.31	21.09	37.62	6.368	26.89	22.25	25.79	26.62	0	0	26.31	7.785	0	12.34
1/2/2011 6:00	12689	6.954	11.41	11.48	11.74	3.972	15.2	21.1	8.16	27.34	24.81	26.84	25.73	0	0	26.32	7.785	0	12.56
1/2/2011 7:00	12690	5.136	281.8	19.47	8.16	2.318	282	29.68	4.578	18.99	15.17	34.19	33.61	0	0	26.33	7.785	0	12.7
1/2/2011 8:00	12691	4.902	300.8	11.09	8.16	2.382	316	19.31	4.578	16.59	14.49	36.44	35.16	0	3.049	26.32	7.788	0.002	12.11
1/2/2011 9:00	12692	5.98	309.9	16.57	9.95	3.936	310.9	18.27	8.16	20.35	19.65	33.41	30.3	0	102.8	26.32	7.786	-0.002	12.67
1/2/2011 10:00	12693	4.567	304.1	24.24	8.16	3.709	305.3	25.63	6.368	28.73	28.93	26.33	22.62	0	251.1	26.38	7.789	0.003	12.58
1/2/2011 11:00	12694	6.179	231.8	27.29	13.52	4.724	232.1	27.93	11.74	38	38.84	19.14	15.3	0	487.2	26.47	7.787	-0.002	14.48
1/2/2011 12:00	12695	11.97	191.7	12.2	20.68	8.54	194.7	16.46	17.1	42.35	44.44	15.97	11.64	0	625.4	26.53	7.784	-0.003	12.99
1/2/2011 13:00	12696	13.15	194.6	11.33	18.89	9.16	197.1	15.05	15.31	42.12	43.86	15.42	11.17	0	463.5	26.52	7.784	0	12.89
1/2/2011 14:00	12697	10.58	208.3	14.43	15.31	7.661	209.2	17.67	13.52	45.08	46.98	13.6	9.3	0	659.4	26.47	7.762	-0.022	12.99
1/2/2011 15:00	12698	11.16	216.2	12.62	17.1	7.98	217	15.26	13.52	48.74	50.38	10.33	6.217	0	607.3	26.47	7.689	-0.073	12.77
1/2/2011 16:00	12699	10.71	205.5	13.08	18.89	7.621	207.2	15.59	15.31	50.11	51.63	9.02	4.915	0	471.9	26.46	7.676	-0.013	12.73
1/2/2011 17:00	12700	10.77	197.3	11.75	15.31	7.401	198.5	16.01	13.52	49.67	50.91	9.35	5.347	0	292.6	26.44	7.67	-0.006	12.92
1/2/2011 18:00	12701	8.34	190.9	5.735	13.52	4.633	189.2	12.33	9.95	46.47	45.75	10.19	7.006	0	83.7	26.41	7.667	-0.003	13.11
1/2/2011 19:00	12702	7.048	165	7.826	9.95	2.383	148.8	20.71	4.578	40.49	35.41	14.53	13.29	0	0.476	26.35	7.663	-0.004	12.55
1/2/2011 20:00	12703	6.661	160.7	6.878	11.74	2.218	144.4	14.1	4.578	36.45	32.83	18.59	16.93	0	0	26.31	7.666	0.002	12.21
1/2/2011 21:00	12704	6.966	169.1	5.249	9.95	1.408	166.3	6.267	4.578	32.01	27.5	25.23	24.15	0	0	26.29	7.665	-0.001	12.77
1/2/2011 22:00	12705	3.455	192.9	10.81	8.16	0.273	272.7	22.52	4.578	29.09	25.89	30.56	28.68	0	0	26.27	7.662	-0.003	12.32
1/2/2011 23:00	12706	2.69	221.7	35.6	6.368	0.631	324	9.27	4.578	31.03	27.89	32.55	30.88	0	0	26.26	7.663	0.001	15.06
1/3/2011 0:00	12707	4.425	188.4	9.06	8.16	0.766	134.4	19.89	4.578	32.97	28.71	36.29	35.12	0	0	26.25	7.663	0	12.59
1/3/2011 1:00	12708	4.562	192.1	8.45	9.95	0.635	155.2	9.18	4.578	32.01	27.79	43.58	42.58	0	0	26.24	7.662	-0.001	12.48
1/3/2011 2:00	12709	1.917	229.3	17.75	4.578	0.222	288.8	4.658	6.368	31.11	28.34	48.05	46.86	0	0	26.22	7.663	0.001	13.2
1/3/2011 3:00	12710	2.09	217.6	10.52	6.368	0.114	263.2	10.8	6.368	30.71	27.82	50.95	50.17	0	0	26.2	7.663	0	12.38
1/3/2011 4:00	12711	1.552	178	25.79	4.578	0.464	11.97	22.46	4.578	30.3	27.93	53.25	51.89	0	0	26.2	7.666	0.004	12.38
1/3/2011 5:00	12712	2.703	189.4	11.77	4.578	0.147	190.2	10.05	6.368	29.5	26.88	55.85	55.58	0	0	26.18	7.663	-0.004	12.58
1/3/2011 6:00	12713	0.819	221.6	14.2	4.578	0.243	328.3	4.867	4.578	28	25.84	59.92	57.55	0	0	26.17	7.663	0.001	12.53
1/3/2011 7:00	12714	2.508	291.1	16.92	6.368	0.781	324.5	9.36	4.578	29.81	26.36	58.71	58.44	0	0	26.17	7.663	0	12.3
1/3/2011 8:00	12715	2.703	283.1	17.02	6.368	0.617	76.79	25.79	4.578	29.78	23.11	58.21	60.6	0	1.012	26.18	7.664	0	13.86
1/3/2011 9:00	12716	4.056	309.3	10.42	6.368	0.232	30.7	12.86	2.789	30.45	25.85	58.2	57.74	0	34.84	26.18	7.667	0.003	12.1
1/3/2011 10:00	12717	2.79	278.6	16.34	4.578	0.421	274.5	12.18	4.578	32.96	31.49	54.11	48.97	0	101	26.21	7.668	0.001	12.42
1/3/2011 11:00	12718	4.06	249.1	16.43	8.16	2.931	248.5	18.03	6.368	36.39	36.62	49.39	45.3	0	193.1	26.25	7.666	-0.003	12.74
1/3/2011 12:00	12719	4.398	232.7	20.89	8.16	3.235	235	21.42	6.368	42.3	42.76	40.52	36.55	0	378.4	26.28	7.66	-0.006	12.64
1/3/2011 13:00	12720	5.416	214.5	21.12	11.74	4.05	215.8	22.3	9.95	48.05	48.83	31.65	27.69	0	334.7	26.29	7.639	-0.021	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/3/2011 14:00	12721	7.227	205.8	15.95	11.74	5.344	207.7	18.64	9.95	51.09	52.14	28.76	24.69	0	341.1	26.28	7.629	-0.01	12.61
1/3/2011 15:00	12722	10.7	208	17.45	20.68	7.548	209.6	19.1	15.31	55.5	56.68	25.61	21.56	0	361.1	26.27	7.603	-0.025	13.03
1/3/2011 16:00	12723	10.31	196.5	12.86	17.1	7.244	198.2	16.73	13.52	56.75	58.08	24.25	20.12	0	399.3	26.28	7.576	-0.027	12.84
1/3/2011 17:00	12724	12.19	190.9	10.36	18.89	8.23	193.1	15.02	15.31	57.82	58.94	23.27	19.36	0	271.9	26.29	7.573	-0.003	12.72
1/3/2011 18:00	12725	7.568	180.1	11.5	15.31	4.135	176.4	19.62	11.74	55.86	55.44	24.87	22.01	0	76.02	26.29	7.572	-0.002	12.79
1/3/2011 19:00	12726	8.49	176.5	9.28	11.74	3.299	171.4	13.2	6.368	49.7	45.88	30.28	30.38	0	0.509	26.26	7.563	-0.008	12.7
1/3/2011 20:00	12727	6.085	173.5	20.47	9.95	1.662	160.6	29.76	4.578	44.26	40.76	35.65	35.71	0	0	26.22	7.562	-0.002	12.49
1/3/2011 21:00	12728	2.786	279.9	26.54	6.368	0.477	354.5	20.2	2.789	43.69	39.02	36.36	37.83	0	0	26.21	7.561	-0.001	13.84
1/3/2011 22:00	12729	4.746	192.7	15.65	8.16	1.196	120	19.59	4.578	44.91	36.32	34.87	40.15	0	0	26.2	7.558	-0.003	12.63
1/3/2011 23:00	12730	5.452	182.6	13.07	8.16	0.97	144.4	14.18	4.578	43.51	37.01	35.98	39.79	0	0	26.21	7.558	0	12.57
1/4/2011 0:00	12731	4.957	205.7	18.18	8.16	0.236	135	2.933	2.789	41.2	34.2	38.52	43.29	0	0	26.21	7.559	0.001	12.46
1/4/2011 1:00	12732	4.836	278.7	20.67	8.16	1.947	308.7	6.324	4.578	39.66	34.47	40.41	43.5	0	0	26.21	7.559	0.001	12.2
1/4/2011 2:00	12733	4.782	305.3	8.53	6.368	0.857	301.4	15.75	4.578	39.84	34.35	40.57	43.86	0	0	26.2	7.559	0	12.73
1/4/2011 3:00	12734	1.31	318.2	40.29	4.578	1.05	125.3	14.17	4.578	37.53	32.46	43.78	45.75	0	0	26.21	7.56	0.001	12.3
1/4/2011 4:00	12735	3.003	12.76	40.89	8.16	1.393	86.5	30.06	6.368	37.05	31.24	45.58	48.32	0	0	26.21	7.56	0	12.31
1/4/2011 5:00	12736	2.999	3.949	19.45	8.16	1.095	78.03	53.69	6.368	37.05	32.95	46.32	47.57	0	0	26.2	7.56	0	12.08
1/4/2011 6:00	12737	14.64	15.39	11	24.26	10.67	14.78	12.86	20.68	35.56	34.96	43.54	40.96	0	0	26.22	7.559	-0.002	12.48
1/4/2011 7:00	12738	16.77	21.9	8.68	24.26	11.15	21.92	11.2	22.47	29.39	29.35	49.35	45.54	0	0	26.24	7.559	0.001	12.54
1/4/2011 8:00	12739	13.02	19.15	12.58	20.68	8.82	18.51	14.55	18.89	25.6	25.62	56.61	52.37	0	1.414	26.25	7.56	0.001	14.96
1/4/2011 9:00	12740	8.96	10.43	12.45	15.31	6.685	8.72	14.7	13.52	25.7	25.76	57.22	52.65	0	109.7	26.26	7.56	0	12.62
1/4/2011 10:00	12741	8.47	23.18	13.12	13.52	5.84	21.76	15.7	11.74	30.49	31.16	50.49	45.57	0	302.3	26.31	7.558	-0.002	12.41
1/4/2011 11:00	12742	5.608	35.53	16.57	11.74	3.535	29.11	18.16	8.16	37.36	38.56	41.58	36.85	0	476.3	26.38	7.543	-0.015	12.9
1/4/2011 12:00	12743	4.433	58.6	29.42	8.16	2.81	49.71	32.54	8.16	44.97	46.43	32.51	28.24	0	600.5	26.42	7.515	-0.028	12.76
1/4/2011 13:00	12744	3.532	13.58	32.51	8.16	2.359	2.953	29.76	8.16	51.8	52.67	25.98	22.29	0	662.4	26.43	7.509	-0.006	13.23
1/4/2011 14:00	12745	3.68	223.9	70.49	9.95	2.707	229.3	61.62	8.16	57.43	58	22.03	18.56	0	658.2	26.41	7.502	-0.007	13.1
1/4/2011 15:00	12746	6.42	206	27.74	15.31	4.79	207.1	32.33	13.52	58.3	59.46	22.07	18.07	0	560	26.39	7.492	-0.01	14.93
1/4/2011 16:00	12747	7.773	202.3	17.62	13.52	5.679	204.5	21.78	11.74	59.41	60.73	21.62	17.54	0	411.5	26.37	7.474	-0.018	13.15
1/4/2011 17:00	12748	8.68	199.7	11.46	13.52	5.926	201.8	14.37	11.74	58.3	58.97	22.32	18.66	0	200.4	26.34	7.462	-0.012	13.06
1/4/2011 18:00	12749	7.204	189.4	6.597	11.74	3.721	188.4	12.3	8.16	54.63	53.96	25.06	22.32	0	58.62	26.31	7.445	-0.017	13.13
1/4/2011 19:00	12750	5.337	197.9	18.04	9.95	1.667	186.3	25.06	4.578	49.5	45.99	30.18	29.68	0	0.373	26.27	7.444	-0.001	12.8
1/4/2011 20:00	12751	5.141	221.4	12.97	8.16	1.573	230.4	25.43	4.578	45.78	42.3	33.73	33.47	0	0	26.25	7.438	-0.006	12.52
1/4/2011 21:00	12752	5.843	257.2	8.86	8.16	1.768	269.4	18.77	4.578	42.39	38.44	36.83	37.31	0	0	26.24	7.437	-0.001	12.59
1/4/2011 22:00	12753	8.73	303.9	19.85	13.52	5.072	314.9	11.16	11.74	41.32	38.65	37.02	36.54	0	0	26.24	7.431	-0.006	12.54
1/4/2011 23:00	12754	8.39	320.8	6.366	13.52	5.614	322.8	7.917	9.95	39.87	38.66	36.15	34.06	0	0	26.25	7.428	-0.003	12.29
1/5/2011 0:00	12755	8.86	313.2	7.801	13.52	5.65	315.5	9.55	9.95	38.74	36.99	36.74	35.35	0	0	26.25	7.421	-0.006	12.59
1/5/2011 1:00	12756	11.03	313.8	7.857	20.68	8.08	314.6	8.63	13.52	38.62	37.79	35.66	33.19	0	0	26.24	7.418	-0.003	13.84
1/5/2011 2:00	12757	12.44	322.6	6.783	17.1	9.49	324.4	7.941	15.31	38.45	37.72	36.31	33.64	0	0	26.23	7.415	-0.003	12.67
1/5/2011 3:00	12758	10.94	321.2	5.676	17.1	8.11	323.6	7.448	13.52	35.66	34.96	39.79	36.94	0	0	26.24	7.412	-0.003	12.11
1/5/2011 4:00	12759	10.62	319.1	8.75	17.1	7.881	320.3	9.69	13.52	33.58	32.9	42.62	39.67	0	0	26.24	7.405	-0.006	12.24
1/5/2011 5:00	12760	13.8	328.8	13.88	22.47	10.62	327.6	13.18	18.89	35.84	35.05	41.86	39.13	0	0	26.23	7.393	-0.012	12.51
1/5/2011 6:00	12761	8.44	307.1	13.66	17.1	5.686	303.6	19.08	13.52	33.04	32.2	47.09	44.26	0	0	26.23	7.394	0	12.25
1/5/2011 7:00	12762	14.93	320.4	8.28	22.47	11.48	320.8	9.31	17.1	34.7	34.01	45.09	42.32	0	0	26.23	7.384	-0.01	12.28
1/5/2011 8:00	12763	11.87	320.6	7.169	17.1	8.93	322	9.15	13.52	31.11	30.45	49.57	46.57	0	1.859	26.25	7.385	0.001	12.18
1/5/2011 9:00	12764	11.99	320.8	7.906	17.1	9.36	321.8	9.45	15.31	32.98	32.43	46.33	43.03	0	117.5	26.27	7.365	-0.02	12.6
1/5/2011 10:00	12765	13.01	314.7	12.06	20.68	10.73	316	12.72	17.1	38.73	38.97	38.62	34.78	0	320	26.32	7.363	-0.002	12.61

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/5/2011 11:00	12766	14.74	318.4	10.67	22.47	12.14	319.9	11.46	18.89	47.03	47.63	27.01	23.48	0	492.6	26.39	7.338	-0.025	12.62
1/5/2011 12:00	12767	13.3	318.4	10.85	22.47	11.12	320.1	12.5	18.89	52.44	53.3	19.22	15.67	0	613.7	26.43	7.331	-0.007	13.02
1/5/2011 13:00	12768	11.94	300.9	13.23	20.68	9.7	302.5	16.56	17.1	56.93	57.63	12.21	8.69	0	583.4	26.43	7.319	-0.011	12.75
1/5/2011 14:00	12769	14.09	288.9	12.47	22.47	11.08	289.4	16.01	18.89	59.7	60.62	8.8	5.086	0	640.3	26.41	7.297	-0.023	14.05
1/5/2011 15:00	12770	13.54	280.1	14.49	20.68	10.21	280	18.23	18.89	60.9	61.74	7.028	3.221	0	507.7	26.39	7.29	-0.007	12.84
1/5/2011 16:00	12771	12.46	277.9	13.17	18.89	9.36	278.2	17.29	17.1	61.3	61.82	6.815	3.08	0	330.7	26.38	7.265	-0.025	13.1
1/5/2011 17:00	12772	8.32	270	11.29	17.1	5.604	268.6	15.14	13.52	59.16	58.98	7.661	4.222	0	109.7	26.36	7.261	-0.004	12.96
1/5/2011 18:00	12773	5.95	249.3	11.42	9.95	2.535	249.8	10.86	6.368	54.81	52.92	8.88	6.29	0	33.06	26.34	7.236	-0.025	13.11
1/5/2011 19:00	12774	4.971	271.3	20.81	9.95	2.081	283.2	34.88	6.368	50.33	46.69	10.73	9.39	0	0.21	26.31	7.231	-0.004	12.49
1/5/2011 20:00	12775	6.617	306.3	14.5	9.95	2.903	317.1	19.15	6.368	46.16	42.58	15.45	13.89	0	0	26.29	7.225	-0.006	12.23
1/5/2011 21:00	12776	8.53	312.9	6.522	13.52	5.192	313.5	7.655	9.95	43.44	41.67	18.86	16.58	0	0	26.28	7.218	-0.007	12.78
1/5/2011 22:00	12777	5.257	300.3	7.364	11.74	1.669	289.4	11.88	8.16	40.51	38.38	22.56	20.59	0	0	26.27	7.218	0	12.33
1/5/2011 23:00	12778	6.474	294.4	15.85	11.74	3.099	289.8	29.37	8.16	39.41	36.62	23.07	21.91	0	0	26.26	7.212	-0.006	12.71
1/6/2011 0:00	12779	9.2	307.8	9.22	13.52	6.087	309.4	12.09	11.74	40.18	38.83	22.27	19.93	0	0	26.26	7.202	-0.01	12.14
1/6/2011 1:00	12780	9.69	308.8	8.55	20.68	6.819	310.3	9.45	11.74	37.68	36.81	24.88	22.1	0	0	26.27	7.199	-0.003	12.58
1/6/2011 2:00	12781	8.68	306.8	8.12	13.52	5.825	306.1	9.72	9.95	37.43	36.36	26.41	23.78	0	0	26.28	7.196	-0.003	12.35
1/6/2011 3:00	12782	8.82	306.6	8.97	13.52	5.776	306.8	10.53	11.74	37.91	36.66	27.73	25.35	0	0	26.29	7.19	-0.006	12.22
1/6/2011 4:00	12783	9.99	317.9	8.83	15.31	7.375	319.9	9.82	11.74	38.01	37.22	27.52	24.74	0	0	26.29	7.187	-0.003	12.43
1/6/2011 5:00	12784	12.15	330.2	7.221	18.89	9.36	330.5	9.71	15.31	37.67	36.99	30.71	27.7	0	0	26.29	7.183	-0.003	12.58
1/6/2011 6:00	12785	13.01	328.1	6.83	22.47	10.08	328.4	9.35	18.89	39.18	38.56	34.09	31.06	0	0	26.31	7.177	-0.006	12.33
1/6/2011 7:00	12786	12.45	339.6	8.89	18.89	9.28	338.6	11.12	15.31	36.45	35.98	37.41	34.2	0	0	26.32	7.174	-0.003	12.26
1/6/2011 8:00	12787	12.76	356.6	10.66	18.89	8.98	355.3	12.87	17.1	33.86	33.66	39.67	36.1	0	1.562	26.32	7.161	-0.013	12.14
1/6/2011 9:00	12788	9.35	1.797	12.73	17.1	6.484	359.9	15.4	13.52	33.91	33.87	40.4	36.62	0	55.76	26.33	7.155	-0.006	12.36
1/6/2011 10:00	12789	8.29	4.839	11.23	13.52	6.208	3.985	13.98	11.74	36.49	36.7	39.1	35.13	0	176.1	26.35	7.139	-0.016	12.47
1/6/2011 11:00	12790	7.928	24.31	17.36	13.52	5.396	22.3	17.82	11.74	41.92	42.59	34.54	30.37	0	374.7	26.4	7.115	-0.024	13.57
1/6/2011 12:00	12791	4.292	71.63	30.34	9.95	2.769	64.69	33.5	6.368	47.86	49.21	28.77	24.52	0	478.3	26.45	7.084	-0.031	12.92
1/6/2011 13:00	12792	2.815	35.73	61.8	8.16	1.845	17.76	54.1	6.368	53.25	54.06	23.42	19.66	0	573	26.48	7.082	-0.001	13.05
1/6/2011 14:00	12793	3.511	265.4	39.3	8.16	2.664	265.5	37.77	8.16	55.99	56.45	20.59	16.89	0	520.9	26.48	7.078	-0.004	12.8
1/6/2011 15:00	12794	3.893	276.7	44.26	9.95	3.047	277	42.04	8.16	57.53	57.79	18.92	15.31	0	477.7	26.45	7.068	-0.01	12.9
1/6/2011 16:00	12795	5.672	212.2	27.89	9.95	4.21	213.5	24.16	9.95	56.77	57.41	19.14	15.37	0	294.2	26.43	7.049	-0.019	12.92
1/6/2011 17:00	12796	7.04	213	8.68	11.74	4.526	212.8	11.74	9.95	55.39	55.64	19.71	16.21	0	150.2	26.39	7.029	-0.02	12.9
1/6/2011 18:00	12797	6.058	195.5	11.05	9.95	2.452	188.3	11.83	4.578	52.72	50.25	21.48	19.89	0	38.53	26.34	7.023	-0.006	13.15
1/6/2011 19:00	12798	3.857	153.1	31.89	8.16	1.362	118.4	39.66	4.578	47.66	45.12	25.34	23.92	0	0.15	26.3	7.019	-0.004	12.34
1/6/2011 20:00	12799	0.789	144.6	10.5	4.578	0.112	69.69	2.102	2.789	44.78	42.62	27.91	26.53	0	0	26.28	7.013	-0.006	12.68
1/6/2011 21:00	12800	2.562	234.1	12.21	6.368	0.129	47.43	3.929	2.789	43.36	36.91	29.07	32.27	0	0	26.25	7.012	-0.001	12.47
1/6/2011 22:00	12801	3.892	267.4	11.53	6.368	0.845	303.4	8.72	2.789	42.45	37.85	30.3	31.75	0	0	26.23	7.009	-0.003	12.67
1/6/2011 23:00	12802	4.365	269.3	10.71	6.368	1.329	298	11.67	4.578	41.96	37.33	30.66	31.67	0	0	26.22	7.006	-0.003	12.71
1/7/2011 0:00	12803	4.796	290.4	11.2	8.16	1.381	308.6	19.09	4.578	41.82	36.53	31.01	32.52	0	0	26.21	7.006	0	12.16
1/7/2011 1:00	12804	6.126	302.5	8.43	9.95	2.14	306.4	6.661	4.578	41.37	36.14	30.61	33.06	0	0	26.2	6.999	-0.006	12.47
1/7/2011 2:00	12805	7.607	313.9	6.05	9.95	3.6	308.2	13.28	6.368	40.61	37.03	30.17	30.36	0	0	26.17	6.999	0	14.55
1/7/2011 3:00	12806	5.373	313.6	9.2	9.95	1.35	270.9	56.12	4.578	40.45	33.91	30.41	33.58	0	0	26.17	6.996	-0.003	12.58
1/7/2011 4:00	12807	6.335	320.9	13.24	9.95	2.491	304.5	20.44	6.368	40.34	36.1	31	31.89	0	0	26.16	6.996	0	12.45
1/7/2011 5:00	12808	5.713	273.2	37.79	9.95	2.662	260.3	35.99	8.16	34.94	33.36	35.61	33.44	0	0	26.15	6.993	-0.003	12.33
1/7/2011 6:00	12809	4.599	325.1	12.41	8.16	0.867	311.1	9.68	4.578	35.94	33.09	35.03	34.59	0	0	26.12	6.994	0.001	12.41
1/7/2011 7:00	12810	4.133	331.8	46	8.16	1.956	332.4	48.2	6.368	39.46	37.85	32.73	30.89	0	0	26.1	6.993	-0.001	12.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/7/2011 8:00	12811	2.48	265.4	46.1	6.368	0.932	173.9	41.68	4.578	32.34	31.24	39.19	36.47	0	0.98	26.12	6.99	-0.003	12.4
1/7/2011 9:00	12812	3.802	314.6	27.87	6.368	0.918	344.2	21.51	4.578	35.79	33.34	36.51	35.57	0	52.08	26.12	6.977	-0.012	12.19
1/7/2011 10:00	12813	2.25	245.2	29.02	4.578	0.971	231.5	13.92	4.578	41.44	41.21	32.48	29.28	0	105.8	26.13	6.974	-0.003	12.75
1/7/2011 11:00	12814	3.519	281.3	26.93	8.16	2.433	278.2	24.96	8.16	46.66	46.81	28.25	24.85	0	276.9	26.16	6.965	-0.009	12.9
1/7/2011 12:00	12815	6.239	301.5	25.29	11.74	5.187	303	27.75	9.95	55.85	56.32	20.85	17.32	0	578.7	26.21	6.954	-0.012	12.83
1/7/2011 13:00	12816	7.203	293.5	22.98	11.74	5.919	294.8	27.21	11.74	60.88	61.38	17.34	13.79	0	436	26.23	6.945	-0.009	12.92
1/7/2011 14:00	12817	8.07	299	30.7	15.31	6.593	298.4	32.99	15.31	62.17	62.68	16.87	13.34	0	341.8	26.19	6.923	-0.022	12.79
1/7/2011 15:00	12818	9.42	308.3	22.81	17.1	7.78	309.6	25.48	13.52	63.44	64.11	17.32	13.62	0	543.3	26.19	6.913	-0.009	13
1/7/2011 16:00	12819	10.83	302.1	24.8	18.89	8.44	301.4	26.75	17.1	65.81	66.41	15.65	12.02	0	455	26.21	6.891	-0.022	13.1
1/7/2011 17:00	12820	12.99	359.1	19.1	22.47	9.15	358.7	21.49	17.1	63.91	64.31	15.31	11.83	0	259.1	26.21	6.881	-0.009	14.54
1/7/2011 18:00	12821	14.76	28.03	10.43	26.05	8.89	28.05	12.53	20.68	58.04	58.04	19.95	16.6	0	99.1	26.2	6.867	-0.015	13.16
1/7/2011 19:00	12822	9.82	34.65	9.98	18.89	5.328	34.39	11.15	11.74	51.99	51.55	25.34	22.19	0	1.165	26.18	6.855	-0.011	14.57
1/7/2011 20:00	12823	9.55	33.05	10.84	15.31	5.084	32.82	12.39	9.95	46.91	46.35	30.71	27.59	0	0	26.16	6.848	-0.008	12.72
1/7/2011 21:00	12824	11.55	44.77	9.98	18.89	6.074	42.92	14.38	13.52	43.44	42.77	34.88	31.89	0	0	26.15	6.838	-0.009	12.57
1/7/2011 22:00	12825	11.36	49.66	8.26	17.1	6.436	48.94	14.48	13.52	40.28	39.66	38.69	35.59	0	0	26.15	6.834	-0.005	12.64
1/7/2011 23:00	12826	11.27	55.92	7.295	15.31	7.223	56.43	12.99	11.74	37.66	36.99	42.87	39.74	0	0	26.15	6.831	-0.003	12.74
1/8/2011 0:00	12827	10.23	58.86	7.27	13.52	6.238	57.45	12.88	11.74	36.53	35.72	45.83	42.9	0	0	26.13	6.828	-0.003	12.12
1/8/2011 1:00	12828	10.56	63.17	7.701	24.26	6.179	60.07	14.63	11.74	36.09	35.13	49.06	46.25	0	0	26.12	6.825	-0.003	12.65
1/8/2011 2:00	12829	9	51.1	8.03	13.52	5.038	50.93	12.92	9.95	34.59	33.52	54.29	51.55	0	0	26.11	6.822	-0.003	12.61
1/8/2011 3:00	12830	8.1	44.01	8.4	13.52	4.051	43.47	12.55	8.16	33.55	32.45	58.07	55.25	0	0	26.1	6.82	-0.002	12.48
1/8/2011 4:00	12831	7.643	34.07	10.48	11.74	3.621	35.55	12.14	8.16	33.9	32.96	59.72	56.7	0	0	26.1	6.819	0	12.62
1/8/2011 5:00	12832	6.844	31.5	9.29	11.74	3.123	33.15	11.44	8.16	33.68	32.75	61.74	58.69	0	0	26.09	6.817	-0.002	12.11
1/8/2011 6:00	12833	7.113	36.8	8.5	9.95	3.465	37.57	9.97	6.368	32.85	31.8	63.78	60.75	0	0	26.07	6.817	0	12.21
1/8/2011 7:00	12834	8.16	42.51	7.16	11.74	3.957	43.65	12.63	8.16	32.04	29.92	65.66	63.7	0	0	26.07	6.818	0.001	12.3
1/8/2011 8:00	12835	6.811	42.2	8.15	9.95	2.939	42.96	12.71	8.16	31.89	30.42	66.89	64.21	0	1.98	26.07	6.814	-0.003	12.61
1/8/2011 9:00	12836	6.854	60.03	10.45	9.95	3.961	59.59	14.81	8.16	34	33.64	64.67	60.98	0	58.42	26.07	6.809	-0.005	12.62
1/8/2011 10:00	12837	6.355	120.2	30.6	11.74	4.086	121	35.85	9.95	40.82	41.67	54.04	49.43	0	206.3	26.11	6.802	-0.007	12.67
1/8/2011 11:00	12838	11.46	149.7	13.24	18.89	7.6	151.8	18.93	13.52	47.39	49.24	44.58	39.24	0	458.7	26.16	6.79	-0.012	13.29
1/8/2011 12:00	12839	13.43	143.8	12.4	20.68	8.83	144.2	17.98	17.1	49.99	52.06	41.01	35.59	0	432.6	26.18	6.779	-0.011	12.48
1/8/2011 13:00	12840	15.75	150	11.31	24.26	10.4	151.9	16.83	18.89	52.21	54.13	34.83	29.88	0	531.4	26.14	6.766	-0.013	13.05
1/8/2011 14:00	12841	14.45	160.9	12.96	22.47	9.53	162.5	18.59	17.1	55.49	58.17	30.46	25.11	0	673.4	26.12	6.752	-0.014	12.89
1/8/2011 15:00	12842	12.61	167.3	17.77	22.47	8.44	169.5	22.35	17.1	58.03	60.37	26.53	21.65	0	593.2	26.11	6.739	-0.013	13.16
1/8/2011 16:00	12843	11.91	179.5	15.61	20.68	8.06	182	19.64	15.31	57.88	59.8	26.54	21.82	0	459	26.1	6.726	-0.013	12.83
1/8/2011 17:00	12844	10.89	195.6	12.64	18.89	7.502	197.7	16.13	13.52	57.62	58.98	27.03	22.69	0	293.8	26.1	6.707	-0.019	12.76
1/8/2011 18:00	12845	9.52	189.8	12.7	15.31	6.097	191.7	17.08	11.74	55.7	56.12	28.37	24.76	0	101	26.08	6.69	-0.017	12.96
1/8/2011 19:00	12846	5.107	157.7	11.17	8.16	1.787	126.2	31.43	4.578	50.43	47.57	33.74	32.83	0	0.505	26.03	6.668	-0.021	14.33
1/8/2011 20:00	12847	5.222	122.1	13.64	8.16	2.753	78.32	13.36	4.578	48.36	44.49	35.69	35.71	0	0	25.99	6.664	-0.005	12.73
1/8/2011 21:00	12848	4.877	117.9	9.39	8.16	2.23	84.8	11.54	4.578	48.24	44.97	35.27	35.27	0	0	25.98	6.661	-0.003	13.08
1/8/2011 22:00	12849	5.394	122	19.11	9.95	2.166	91.5	14.23	8.16	47.08	44.61	36.99	35.92	0	0	25.98	6.658	-0.003	14.31
1/8/2011 23:00	12850	5.12	125.1	14.9	9.95	1.553	98.2	12.37	4.578	43.81	42.05	43.35	41.32	0	0	25.97	6.651	-0.006	12.54
1/9/2011 0:00	12851	3.405	170.7	20.7	6.368	0.183	141	3.701	4.578	42.31	40.03	46.19	45.5	0	0	25.95	6.65	-0.001	12.55
1/9/2011 1:00	12852	2.963	217.6	14.61	6.368	0.083	193.4	3.047	2.789	43.31	40.94	40.67	41.53	0	0	25.92	6.647	-0.003	12.42
1/9/2011 2:00	12853	5.776	226.9	16.39	11.74	1.85	238.7	14.46	8.16	41.2	39.14	43.77	42.4	0	0	25.91	6.644	-0.003	12.1
1/9/2011 3:00	12854	3.837	259.1	10.59	8.16	0.684	292.8	14.43	4.578	37.78	35.29	51.85	50.63	0	0	25.9	6.641	-0.003	12.2
1/9/2011 4:00	12855	0.987	206.7	20.05	6.368	0.485	73.38	6.509	4.578	36.29	33.04	56.58	55.95	0	0	25.89	6.641	0	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/9/2011 5:00	12856	4.178	235.8	16.43	6.368	0.342	305.5	4.34	2.789	36.56	31.37	54.58	58.16	0	0	25.87	6.64	-0.001	14.16
1/9/2011 6:00	12857	5.916	288.1	13.1	9.95	2.919	308.1	22.94	6.368	35.58	31.3	52.05	55.75	0	0	25.85	6.637	-0.003	14.47
1/9/2011 7:00	12858	8.35	308	10.78	13.52	4.952	306.4	14.44	9.95	33.96	32.26	51.38	50.28	0	0	25.85	6.637	0	12.19
1/9/2011 8:00	12859	5.527	308.6	9.42	11.74	2.598	300.8	19.67	8.16	33.25	32.05	52.19	50.18	0	1.417	25.88	6.637	0	13.85
1/9/2011 9:00	12860	4.061	324.1	13.74	8.16	1.849	328.8	15.4	4.578	36.58	35.57	49.03	46.26	0	109.5	25.93	6.625	-0.011	13.16
1/9/2011 10:00	12861	5.224	257.1	34.99	9.95	3.997	255.1	33.8	8.16	44.66	45.11	41	36.8	0	305.7	26	6.613	-0.012	12.94
1/9/2011 11:00	12862	11	230	19.94	18.89	8.55	229.8	20.52	17.1	52.5	53.41	32.84	28.87	0	474.7	26.09	6.595	-0.018	12.66
1/9/2011 12:00	12863	11.83	215.1	26.67	20.68	8.95	216.5	26.63	17.1	56.08	57.55	28.79	24.52	0	597.9	26.13	6.581	-0.014	14.88
1/9/2011 13:00	12864	14.01	250.4	12.87	24.26	11.01	249.1	14.78	18.89	60.15	61.24	23.04	19.17	0	661.3	26.12	6.558	-0.023	13.07
1/9/2011 14:00	12865	13.89	254.6	14.49	24.26	10.89	253.3	16.84	20.68	61.67	62.82	22.47	18.47	0	659.4	26.09	6.533	-0.025	13.03
1/9/2011 15:00	12866	14	250.5	13.03	22.47	11.07	248.9	14.98	18.89	62.99	64.03	22.14	18.19	0	593.4	26.08	6.514	-0.019	13.14
1/9/2011 16:00	12867	15.16	261.4	13.47	24.26	11.53	260.2	15.65	20.68	64.28	65.16	20.72	16.9	0	465.2	26.09	6.472	-0.041	14.47
1/9/2011 17:00	12868	15.41	260.1	12.33	24.26	11.57	259.4	14.75	20.68	64.44	64.99	19.83	16.23	0	283.3	26.09	6.444	-0.029	12.92
1/9/2011 18:00	12869	10.92	259.2	8.89	20.68	7.936	257.7	10.95	15.31	61.36	61.16	21.76	18.63	0	69.45	26.07	6.435	-0.009	12.87
1/9/2011 19:00	12870	6.299	257.7	13.27	9.95	2.793	251.5	16.66	6.368	55.46	52.67	25.39	24.3	0	0.909	26.05	6.427	-0.008	12.38
1/9/2011 20:00	12871	7.773	244.1	26.46	11.74	3.671	243.8	31.68	6.368	51.01	47.82	28.67	28.04	0	0	26.04	6.423	-0.004	14.77
1/9/2011 21:00	12872	4.044	262.2	23.59	9.95	1.552	266.6	35.36	6.368	48.87	44.94	31.1	31.27	0	0	26.03	6.42	-0.003	12.53
1/9/2011 22:00	12873	4.473	291.2	11.44	8.16	2.01	307.7	26.24	6.368	46.81	42.85	34.32	34.31	0	0	26.02	6.414	-0.006	12.33
1/9/2011 23:00	12874	5.171	297.1	11.57	8.16	1.252	307.4	13.51	4.578	45.39	39.85	36.54	38.68	0	0	26.01	6.412	-0.002	12.78
1/10/2011 0:00	12875	5.202	297	10.19	8.16	2.12	313.7	30.14	6.368	44.18	39.34	38.68	40.28	0	0	26	6.412	0	12.57
1/10/2011 1:00	12876	5.561	259.4	23.8	8.16	1.563	257.7	29.67	6.368	42.49	37.35	40.26	42.38	0	0	25.99	6.409	-0.003	12.39
1/10/2011 2:00	12877	8.98	262.1	8.57	13.52	4.449	262.1	13.59	8.16	46.48	41.92	35.35	37.23	0	0	25.99	6.406	-0.003	12.89
1/10/2011 3:00	12878	8.98	251.4	13.18	13.52	4.359	245.1	15.4	8.16	44.73	40.58	37.33	38.52	0	0	26.01	6.403	-0.003	12.62
1/10/2011 4:00	12879	7.671	238.6	11.93	15.31	3.193	238.8	17.09	9.95	40.69	36.28	42	43.59	0	0	26.02	6.396	-0.006	12.45
1/10/2011 5:00	12880	5.313	246.7	9.13	8.16	0.987	288.7	16.73	4.578	39.25	34.82	43.58	45.81	0	0	26.01	6.396	0	12.14
1/10/2011 6:00	12881	10	343.5	39.19	20.68	6.578	354.6	23.31	15.31	39.57	36.39	45.37	45.55	0	0	26.02	6.396	0	12.22
1/10/2011 7:00	12882	14.6	20.53	9.07	22.47	9.81	20.66	11.04	18.89	32.2	32.15	61.58	57.13	0	0	26.06	6.396	0	12.18
1/10/2011 8:00	12883	14.26	23.34	8.64	22.47	8.15	20.85	15.44	17.1	27.79	27.86	75.3	69.36	0	1.618	26.08	6.395	-0.001	12.15
1/10/2011 9:00	12884	10.21	24.39	12.34	17.1	5.624	22.39	18.8	13.52	29.16	29.18	90	83.1	0	30.34	26.12	6.389	-0.006	12.17
1/10/2011 10:00	12885	13.44	32.64	11.4	24.26	7.436	30.95	14.85	18.89	35.14	35.75	86.6	80.4	0	173.4	26.17	6.387	-0.002	12.2
1/10/2011 11:00	12886	14.55	52.85	12.22	22.47	8.88	50.17	17.28	17.1	39.73	41.18	72.27	65.16	0	464.8	26.23	6.366	-0.021	12.53
1/10/2011 12:00	12887	12.63	57.69	14.64	20.68	7.839	53.39	19.55	15.31	41.3	43.27	68.04	60.3	0	550.3	26.28	6.358	-0.008	12.73
1/10/2011 13:00	12888	10.69	48.13	16.05	17.1	6.501	43.45	19.44	15.31	42.35	44.41	64.35	56.78	0	643.3	26.3	6.338	-0.02	12.81
1/10/2011 14:00	12889	10.57	49.67	16.54	17.1	6.568	45.92	20.93	15.31	43.89	46.01	59.85	52.59	0	642.9	26.3	6.326	-0.013	12.92
1/10/2011 15:00	12890	11.27	41.52	15.58	18.89	6.894	38.4	17.9	15.31	45.94	47.7	53.95	47.59	0	592.5	26.31	6.303	-0.022	14.62
1/10/2011 16:00	12891	11.73	43.14	15.52	18.89	7.099	40.05	18.12	15.31	46.85	48.37	50.06	44.26	0	471	26.32	6.288	-0.016	12.85
1/10/2011 17:00	12892	16	52.12	14.9	29.63	9.52	48.91	18.83	20.68	45.67	46.86	50.06	44.69	0	290.6	26.34	6.272	-0.016	12.74
1/10/2011 18:00	12893	19.71	39.35	9.79	29.63	10.9	36.64	12.07	24.26	36.83	37.25	60.38	55.48	0	86.6	26.33	6.251	-0.02	13.06
1/10/2011 19:00	12894	20.29	42.12	7.502	31.42	11.25	38.16	11.79	24.26	30.98	31.08	67.19	62.39	0	0.998	26.31	6.238	-0.014	12.28
1/10/2011 20:00	12895	19.17	37.64	10.13	29.63	10.78	35.82	12.32	26.05	29.25	29.42	64.94	60.25	0	0	26.31	6.225	-0.012	12.71
1/10/2011 21:00	12896	17.94	33.38	11.56	29.63	10.64	31.18	13.44	24.26	27.97	28.23	60.45	55.81	0	0	26.36	6.224	-0.001	12.22
1/10/2011 22:00	12897	17.35	30.75	11.54	27.84	10.39	29.71	13.12	24.26	25.73	26.01	55.65	51.11	0	0	26.42	6.218	-0.006	12.6
1/10/2011 23:00	12898	15.46	32.12	11.09	27.84	8.84	32.07	12.88	18.89	23.05	23.24	56.6	52.05	0	0	26.46	6.211	-0.006	12.25
1/11/2011 0:00	12899	14.58	33.59	11.2	24.26	8.47	32.51	13.33	20.68	22.74	23.03	54.79	50.2	0	0	26.47	6.209	-0.003	12.53
1/11/2011 1:00	12900	13.15	21.6	11.3	29.63	9.18	20.57	12.83	20.68	22.36	22.72	55.03	50.23	0	0	26.49	6.209	0.001	12.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/11/2011 2:00	12901	12.48	23.95	10.73	20.68	8.08	23.88	12.82	18.89	21.94	22.28	53.31	48.65	0	0	26.51	6.209	0	12.53
1/11/2011 3:00	12902	10.62	25.86	10.49	17.1	6.862	24.71	12.86	15.31	22.16	22.48	51.48	46.94	0	0	26.53	6.209	0	12.46
1/11/2011 4:00	12903	8.74	31.78	11.96	15.31	5.178	31.03	14.07	13.52	22.42	22.71	49.31	44.92	0	0	26.54	6.209	0	12.59
1/11/2011 5:00	12904	9.24	24.86	11.87	13.52	6.174	24.08	14.17	11.74	22.26	22.58	48.81	44.36	0	0	26.55	6.209	0	12.4
1/11/2011 6:00	12905	9.98	11.35	10.27	17.1	7.634	10.87	12.49	15.31	20.84	21.17	50.12	45.47	0	0	26.55	6.213	0.003	12.3
1/11/2011 7:00	12906	7.653	20.48	10.61	13.52	5.096	21.51	12.08	11.74	16.77	16.9	54.92	50.22	0	0	26.55	6.217	0.004	12.09
1/11/2011 8:00	12907	7.071	18.91	10.63	11.74	4.835	20.23	12.36	9.95	14.59	14.66	57.41	52.75	0	1.871	26.56	6.217	0	14.96
1/11/2011 9:00	12908	6.595	23.1	15.17	11.74	4.516	21.37	15.64	9.95	15.69	15.84	55.17	50.3	0	107.7	26.57	6.217	0	12.15
1/11/2011 10:00	12909	7.195	55.55	20.46	11.74	4.715	52.04	23.97	9.95	20.41	21.59	47.21	41.85	0	312.7	26.63	6.218	0.001	12.38
1/11/2011 11:00	12910	5.082	91.3	29.67	9.95	3.689	87.9	33.36	8.16	25.21	26.98	38.95	33.93	0	488.3	26.69	6.225	0.007	12.83
1/11/2011 12:00	12911	5.136	123.9	39.95	13.52	3.724	125.6	47.7	11.74	29.63	31.65	32.76	28	0	616.5	26.73	6.223	-0.002	12.2
1/11/2011 13:00	12912	5.468	173.7	46.65	11.74	4.046	178	51.36	9.95	32.76	34.49	30.34	25.65	0	683.5	26.73	6.222	-0.001	12.64
1/11/2011 14:00	12913	5.446	197.8	37.32	13.52	4.052	202.3	39.62	11.74	35.52	37.02	30.48	25.76	0	682.6	26.7	6.221	-0.001	12.87
1/11/2011 15:00	12914	5.795	188.2	37.41	11.74	4.201	193	40.7	11.74	37.5	39.08	30.68	25.84	0	613.3	26.69	6.164	-0.057	14.73
1/11/2011 16:00	12915	6.211	198.8	26.06	13.52	4.57	205.8	29.32	9.95	38.53	39.8	28.87	24.28	0	481.4	26.69	6.11	-0.054	12.77
1/11/2011 17:00	12916	6.599	181.4	26.49	13.52	4.691	183.9	28.97	13.52	38.56	40.05	29.6	24.93	0	304.5	26.67	6.101	-0.009	12.93
1/11/2011 18:00	12917	6.082	183.5	12.6	13.52	3.512	184.1	16.89	9.95	37.06	37.7	29.77	25.79	0	100.6	26.64	6.096	-0.005	12.16
1/11/2011 19:00	12918	5.2	185.7	8.51	6.368	1.617	148.4	21.31	2.789	32.98	30.02	33.37	31.93	0	1.311	26.6	6.098	0.002	12.33
1/11/2011 20:00	12919	6.389	140.6	15.24	9.95	2.469	102	13.33	4.578	30.55	25.94	35.41	35.99	0	0	26.56	6.097	-0.001	12.51
1/11/2011 21:00	12920	5.93	134.6	10.54	9.95	1.613	108.1	9.63	4.578	27.17	23.98	37.6	37.03	0	0	26.55	6.098	0.001	12.29
1/11/2011 22:00	12921	8.66	119.2	7.294	11.74	4.555	115.3	14.03	9.95	26.44	24.8	37.95	36.04	0	0	26.54	6.098	0	12.1
1/11/2011 23:00	12922	7.83	113.7	8.09	13.52	3.921	106.7	15.8	8.16	24.36	22.83	38.58	36.61	0	0	26.55	6.098	0	12.14
1/12/2011 0:00	12923	9.22	105.2	7.872	15.31	5.495	101.8	15.55	11.74	23.83	22.74	37.59	35.14	0	0	26.55	6.099	0.001	12.28
1/12/2011 1:00	12924	8.68	105.1	9.16	22.47	5.318	101.9	16.77	18.89	22.91	22.23	39.8	36.67	0	0	26.54	6.099	0	12.29
1/12/2011 2:00	12925	7.336	91.1	8.27	9.95	4.229	85.4	14.99	6.368	20.81	19.98	45.12	41.84	0	0	26.53	6.099	0.001	12.63
1/12/2011 3:00	12926	7.647	93	7.691	11.74	4.717	87.6	14.85	8.16	20.95	20.18	49	45.59	0	0	26.54	6.099	0	13.85
1/12/2011 4:00	12927	9.19	105.3	9.41	13.52	5.848	104.3	16.68	9.95	21.07	20.53	52.76	49.05	0	0	26.54	6.099	0	12.44
1/12/2011 5:00	12928	8.99	108	8.96	17.1	5.826	105.7	17.27	9.95	22.36	22.11	52.4	48.46	0	0	26.55	6.099	0	12.47
1/12/2011 6:00	12929	8.4	97.3	14.43	13.52	5.539	95.1	20.18	9.95	22.94	22.79	52.04	47.98	0	0	26.55	6.099	0	12.34
1/12/2011 7:00	12930	8.81	90.7	9.18	15.31	5.715	88	16.62	9.95	23.08	22.88	52.53	48.5	0	0	26.57	6.098	-0.001	12.92
1/12/2011 8:00	12931	10.42	73.24	11.26	17.1	6.572	69.74	17.54	11.74	21.77	21.65	54.64	50.44	0	0.673	26.57	6.098	0	12.45
1/12/2011 9:00	12932	11.67	81	9.5	18.89	7.317	77.87	17.71	13.52	23.28	23.52	53.46	48.83	0	23.76	26.6	6.098	0	12.27
1/12/2011 10:00	12933	11.86	84.4	8.5	18.89	7.774	81.4	16.97	13.52	25.17	25.71	51.43	46.56	0	71.05	26.63	6.097	-0.001	12.1
1/12/2011 11:00	12934	10.79	96.3	10.63	17.1	7.557	95.3	17.86	13.52	27.02	27.88	49.89	44.78	0	137	26.66	6.1	0.003	12.21
1/12/2011 12:00	12935	9.09	102.3	12.14	13.52	6.465	100.8	19.23	11.74	29.28	30.18	49.61	44.45	0	128.2	26.68	6.099	-0.001	12.26
1/12/2011 13:00	12936	9.38	121	15.66	15.31	6.401	120.6	21.37	11.74	31.11	32.24	48.69	43.37	0	173.3	26.65	6.098	-0.001	13.66
1/12/2011 14:00	12937	9.93	126.9	16.79	18.89	6.857	127.1	24.17	15.31	33.48	35.25	46.75	40.88	0	300.7	26.63	6.098	0	12.35
1/12/2011 15:00	12938	10.51	121.3	14.82	18.89	7.244	121.2	22.1	15.31	34.32	35.85	46.24	40.65	0	237.8	26.61	6.095	-0.004	12.83
1/12/2011 16:00	12939	9.51	139.4	14.87	15.31	6.608	141.2	19.59	13.52	35.2	36.28	45.85	40.77	0	167.8	26.61	6.085	-0.009	12.16
1/12/2011 17:00	12940	8.92	120.7	17.29	15.31	6.153	122	22.55	11.74	35.93	36.79	44.08	39.37	0	132.1	26.61	6.079	-0.007	12.44
1/12/2011 18:00	12941	11.14	93.7	10.34	18.89	7.694	92.8	17.5	15.31	32.84	33.11	46.28	42.11	0	45.05	26.6	6.073	-0.006	12.55
1/12/2011 19:00	12942	11.53	82.3	8.03	18.89	7.146	80.5	16.44	15.31	29.43	29.23	47.65	43.95	0	0.996	26.57	6.073	0	12.61
1/12/2011 20:00	12943	11.05	82	9.12	17.1	6.881	78.83	17.13	15.31	27.33	27.27	49.07	45.12	0	0	26.56	6.075	0.002	12.33
1/12/2011 21:00	12944	8.83	73.65	13.32	17.1	5.448	71.05	18.99	11.74	25.49	25.06	50.07	46.59	0	0	26.57	6.075	0	12.29
1/12/2011 22:00	12945	8.51	69.37	10.72	13.52	4.978	63.53	16.03	9.95	22.59	21.9	53.17	49.96	0	0	26.57	6.076	0.001	12.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/12/2011 23:00	12946	8.54	71.21	10.84	13.52	5.065	67.31	16.56	8.16	20.2	19.56	56.23	52.87	0	0	26.56	6.077	0.001	12.29
1/13/2011 0:00	12947	7.295	93.5	8.39	9.95	4.37	88.4	15.54	8.16	19.72	18.85	57.55	54.51	0	0	26.54	6.074	-0.003	12.18
1/13/2011 1:00	12948	7.762	95.3	10.52	11.74	4.482	89.5	16.12	8.16	19.38	18.36	58.58	55.73	0	0	26.54	6.083	0.01	12.55
1/13/2011 2:00	12949	6.717	108.7	9.58	11.74	3.566	101.4	17.77	8.16	18.72	17.76	60.68	57.61	0	0	26.52	6.128	0.044	12.35
1/13/2011 3:00	12950	6.582	112.1	13.44	11.74	3.192	96.9	22.35	6.368	18.25	16.57	62.6	60.26	0	0	26.5	6.242	0.114	12.17
1/13/2011 4:00	12951	6.185	137.3	6.653	9.95	2.268	128.4	11.04	4.578	18.23	16.66	64.25	62.02	0	0	26.49	6.322	0.08	12.07
1/13/2011 5:00	12952	1.691	167	21.61	6.368	0.2	118.2	8.95	4.578	16.93	15.31	66.63	64.3	0	0	26.48	6.422	0.1	12.16
1/13/2011 6:00	12953	0.194	120.7	6.662	2.789	0.16	70.16	3.547	2.789	16.08	15.39	68.87	64.92	0	0	26.45	6.536	0.115	12.54
1/13/2011 7:00	12954	3.163	130.7	12.37	4.578	0.907	88.5	7.721	2.789	17.11	15.73	68.23	64.95	0	0	26.45	6.67	0.133	12.46
1/13/2011 8:00	12955	2.834	136.8	8.65	4.578	0.304	80.3	3.738	2.789	17.26	15.75	68.8	66.43	0	1.916	26.45	6.809	0.14	12.2
1/13/2011 9:00	12956	4.242	178.1	14.1	9.95	1.083	183.1	11.69	8.16	20.34	19.8	64.17	60.28	0	110.7	26.46	6.944	0.135	12.72
1/13/2011 10:00	12957	11.58	182.2	11.04	17.1	7.745	184.6	15.93	13.52	27.48	28.67	52.38	46.96	0	312	26.5	6.994	0.05	12.21
1/13/2011 11:00	12958	10.15	194.2	12.58	15.31	7.349	196.6	16.72	13.52	32.83	34.57	46.51	40.72	0	486.4	26.56	6.994	0	12.64
1/13/2011 12:00	12959	11.16	194.9	13.55	18.89	7.946	196.3	17.47	15.31	38.01	40.13	41.28	35.47	0	614.3	26.59	7.002	0.008	12.94
1/13/2011 13:00	12960	12.58	204.7	13.53	20.68	9.03	205.8	16.79	17.1	41.81	43.96	38.84	33.07	0	681.2	26.58	6.998	-0.004	12.69
1/13/2011 14:00	12961	10.35	204.8	16.69	17.1	7.611	205.9	20.25	13.52	45.04	47.22	35.71	30.13	0	679.8	26.57	6.982	-0.016	12.18
1/13/2011 15:00	12962	10.06	195.7	14.02	17.1	7.283	197.9	18.37	13.52	48.21	50.29	32.08	26.86	0	612.1	26.55	6.944	-0.038	12.86
1/13/2011 16:00	12963	9.22	194.5	15.89	15.31	6.669	195.8	19.3	13.52	50.22	51.91	30.36	25.56	0	484	26.55	6.857	-0.087	12.7
1/13/2011 17:00	12964	9.23	197.4	14.67	15.31	6.492	199.2	17.78	11.74	51.2	52.51	30.31	25.8	0	309	26.54	6.779	-0.078	12.73
1/13/2011 18:00	12965	7.951	184.8	10.02	15.31	4.729	185.7	15.49	9.95	49.66	49.97	31.73	28.15	0	105.5	26.52	6.69	-0.089	12.88
1/13/2011 19:00	12966	4.757	152.1	11.1	8.16	1	113	18.62	2.789	43.47	40.8	37.38	36.55	0	1.344	26.47	6.648	-0.042	12.32
1/13/2011 20:00	12967	5.779	147.1	12.17	8.16	2.069	96.9	20.05	4.578	40.54	36.42	40.97	41.39	0	0	26.42	6.647	-0.001	12.16
1/13/2011 21:00	12968	5.738	140.7	7.909	9.95	2.721	87.9	18.26	6.368	40.26	35.94	43.15	43.83	0	0	26.39	6.628	-0.019	13.66
1/13/2011 22:00	12969	5.615	167.4	6.621	9.95	0.791	167.1	7.785	4.578	37.08	33.17	48.93	49.69	0	0	26.38	6.619	-0.01	12.57
1/13/2011 23:00	12970	4.06	177.1	12.17	8.16	0.244	196.5	6.195	4.578	32.72	29.8	55.77	55.01	0	0	26.36	6.621	0.002	12.37
1/14/2011 0:00	12971	1.886	204.6	26.61	4.578	0.27	314.9	5.151	2.789	32.62	29.92	59.31	58.31	0	0	26.34	6.621	0	12.49
1/14/2011 1:00	12972	0.993	172.6	10.84	4.578	0	0	0	0	31.89	29.61	64.34	61.54	0	0	26.32	6.621	0	12.08
1/14/2011 2:00	12973	2.303	239.4	11.4	4.578	0.351	299.1	8.48	2.789	30.85	28.27	69.12	66.28	0	0	26.31	6.621	0	12.14
1/14/2011 3:00	12974	4.138	254.6	12.03	6.368	0.872	292.3	10.41	2.789	31.3	27.24	68.58	69.82	0	0	26.29	6.621	0	12.08
1/14/2011 4:00	12975	4.194	231.9	5.183	6.368	0.569	268.3	8.43	2.789	29.54	25.36	71.87	72.74	0	0	26.27	6.622	0.001	12.43
1/14/2011 5:00	12976	4.548	256.4	11.94	6.368	1.157	290	8.26	4.578	27.82	24.2	75.09	73.8	0	0	26.25	6.619	-0.003	12.27
1/14/2011 6:00	12977	4.675	258.1	7.491	6.368	0.834	295	5.489	2.789	26.39	22.71	77.81	75.74	0	0	26.23	6.619	0	12.29
1/14/2011 7:00	12978	4.556	265.6	8.24	6.368	1.898	299.6	9.09	4.578	25.1	21.85	80.4	77.36	0	0	26.22	6.62	0.001	14.91
1/14/2011 8:00	12979	4.479	261.5	11.69	6.368	1.787	292	17.96	4.578	24.55	22.26	83.7	78.6	0	2.082	26.21	6.62	0	12.35
1/14/2011 9:00	12980	4.472	251.5	25.13	6.368	1.802	249.1	27.58	6.368	26.48	25.83	83.3	76.26	0	116	26.23	6.621	0.002	12.19
1/14/2011 10:00	12981	3.724	207.2	16.88	6.368	2.699	214.4	17.77	6.368	32.66	33.24	72.38	66.19	0	310.1	26.28	6.622	0.001	12.97
1/14/2011 11:00	12982	4.306	208.5	20.94	9.95	3.226	213.6	23.61	6.368	41.03	41.86	55.12	50.09	0	479	26.36	6.622	0	12.54
1/14/2011 12:00	12983	8.46	199.2	17.13	15.31	6.323	201.5	20.7	13.52	48.52	50.2	41.43	36.32	0	604.3	26.4	6.532	-0.09	12.87
1/14/2011 13:00	12984	9.15	217.8	15.87	15.31	6.999	219	17.81	13.52	52.53	54.1	35.61	30.75	0	669.4	26.4	6.435	-0.097	12.44
1/14/2011 14:00	12985	6.375	210.3	28.1	11.74	4.897	214.9	31.16	9.95	57.47	58.74	29.26	25.01	0	667.7	26.39	6.393	-0.041	12.74
1/14/2011 15:00	12986	6.295	222	35.55	11.74	4.908	223.4	37.99	11.74	60.64	61.84	24.73	20.62	0	599.8	26.39	6.354	-0.039	12.48
1/14/2011 16:00	12987	3.832	216.3	76.65	8.16	2.836	236.6	69.61	8.16	63.88	64.54	21.75	18.13	0	473.6	26.4	6.284	-0.07	12.6
1/14/2011 17:00	12988	3.227	153.1	40.01	8.16	2.086	152.6	38.3	6.368	65.6	66.41	19.08	15.7	0	300.7	26.4	5.942	-0.342	12.91
1/14/2011 18:00	12989	5.773	134.6	12.32	8.16	2.622	131.7	15.08	6.368	60.96	60.21	22.46	19.92	0	68.42	26.4	5.861	-0.081	13.22
1/14/2011 19:00	12990	5.182	151.8	14.45	8.16	1.48	133.4	26.03	4.578	54.31	49.57	28.09	28.59	0	1.418	26.36	5.84	-0.02	12.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/14/2011 20:00	12991	4.556	120.4	36.43	13.52	2.776	67.3	15.45	8.16	51.49	47.37	31.8	31.79	0	0	26.33	5.839	-0.001	12.73	
1/14/2011 21:00	12992	9.53	80.9	13.22	15.31	5.397	73.88	17.87	9.95	44.73	42.44	44.28	42.67	0	0	26.34	5.823	-0.016	12.76	
1/14/2011 22:00	12993	8.74	55.95	7.981	13.52	4.969	52.82	12.45	9.95	38.52	37.62	57.67	54.51	0	0	26.36	5.822	-0.001	12.63	
1/14/2011 23:00	12994	8.6	70.46	13.37	11.74	4.728	66.22	18.88	8.16	36.67	35.7	69.86	65.91	0	0	26.36	5.819	-0.003	14.65	
1/15/2011 0:00	12995	7.823	53.58	10.33	13.52	4.101	50.17	14.3	8.16	35.45	34.65	79.35	74.48	0	0	26.37	5.819	0	12.72	
1/15/2011 1:00	12996	7.697	24.56	22.2	13.52	4.003	23.08	25.57	9.95	34.36	33.95	81.9	76.78	0	0	26.37	5.816	-0.003	12.6	
1/15/2011 2:00	12997	5.494	353.1	17.69	9.95	3.389	346.3	18.92	8.16	32.82	32.62	82.8	77.4	0	0	26.38	5.816	0	12.86	
1/15/2011 3:00	12998	7.324	29.44	16.93	15.31	4.261	29.58	19.3	13.52	31.87	31.77	83.9	78.07	0	0	26.37	5.817	0.001	12.31	
1/15/2011 4:00	12999	8.4	24.03	12.15	13.52	5.16	24.51	14.64	11.74	32.15	32.15	90.6	84	0	0	26.37	5.816	0	13.3	
1/15/2011 5:00	13000	7.319	38	20.78	13.52	4.426	37.77	22.23	11.74	32.86	33.18	86.6	81.5	0	0	26.38	5.816	-0.001	12.3	
1/15/2011 6:00	13001	5.969	50.42	13.8	9.95	3.309	49.21	17.23	8.16	33.99	34.17	82.9	76.89	0	0	26.38	5.813	-0.003	12.31	
1/15/2011 7:00	13002	2.32	64.96	49.86	8.16	0.937	41.64	41.23	6.368	34.24	34.43	86.3	80	0	0	26.38	5.813	0	12.15	
1/15/2011 8:00	13003	3.958	296.4	24.36	6.368	2.856	291.1	22.51	6.368	30.39	30.7	87.7	81	0	0.718	26.39	5.813	0	12.3	
1/15/2011 9:00	13004	3.467	328.4	17.35	8.16	2.456	324.6	15.88	6.368	31.38	31.55	90.4	84	0	25.07	26.4	5.813	0	12.89	
1/15/2011 10:00	13005	5.42	350.3	16.38	9.95	3.973	349.8	17.51	8.16	33.41	33.87	90.3	84.2	0	94.9	26.42	5.813	0	13.21	
1/15/2011 11:00	13006	1.86	139.2	51.41	8.16	1.142	158.8	42.5	6.368	40.6	41.48	76.43	69.81	0	352.3	26.44	5.805	-0.008	12.92	
1/15/2011 12:00	13007	4.396	174.1	33.41	8.16	3.185	180.1	35.78	8.16	44.58	46.18	74.27	67.08	0	599.6	26.5	5.799	-0.006	13.41	
1/15/2011 13:00	13008	2.907	315	78.39	8.16	2.017	292.8	62.66	8.16	51.33	51.63	58.67	54.3	0	663	26.52	5.794	-0.005	14.31	
1/15/2011 14:00	13009	4.074	251.8	62.66	9.95	3.147	250.5	59.39	8.16	54.94	55.68	48.22	43.66	0	661.1	26.51	5.791	-0.003	13.24	
1/15/2011 15:00	13010	4.965	249.3	42.97	13.52	3.862	250.4	40.53	9.95	57.33	58.18	39.98	35.45	0	596.7	26.49	5.788	-0.003	14.8	
1/15/2011 16:00	13011	3.837	175.7	76.35	8.16	3.003	188.4	71.42	8.16	59.5	60.14	33.57	29.87	0	471.5	26.48	5.778	-0.01	13.06	
1/15/2011 17:00	13012	3.905	230.3	56.02	9.95	2.908	232.6	50.31	8.16	59.91	60.57	31.5	27.63	0	303.1	26.46	5.775	-0.003	13.08	
1/15/2011 18:00	13013	4.103	171	25.75	9.95	2.229	166.4	22.4	6.368	57.73	58.24	32.46	28.93	0	105.4	26.43	5.769	-0.006	13.08	
1/15/2011 19:00	13014	7.095	177.9	10.42	11.74	2.077	161.3	13.51	6.368	49.96	46.18	42.4	42.26	0	1.652	26.37	5.762	-0.007	12.87	
1/15/2011 20:00	13015	3.569	196.1	24.16	8.16	0.242	134.9	9.23	2.789	43.25	40.52	55.49	53.92	0	0	26.31	5.757	-0.005	12.9	
1/15/2011 21:00	13016	2.719	187.5	29.98	6.368	0.545	101.3	9.7	4.578	41.96	39.21	60.13	59.16	0	0	26.28	5.755	-0.001	12.57	
1/15/2011 22:00	13017	3.382	183.7	20.48	8.16	0.494	136.4	12.4	4.578	40.58	38.06	63.82	63.14	0	0	26.28	5.752	-0.003	13	
1/15/2011 23:00	13018	4.81	179.3	9.01	8.16	0.529	136.5	11.64	4.578	37.72	35.1	71.52	69.39	0	0	26.26	5.749	-0.003	12.93	
1/16/2011 0:00	13019	1.997	251.2	18.13	4.578	0.267	311.1	4.597	2.789	36.91	34.87	74.56	72.53	0	0	26.25	5.746	-0.003	12.76	
1/16/2011 1:00	13020	2.363	265.1	21.42	4.578	0.497	314.1	2.68	4.578	37.32	35.12	73.25	71.7	0	0	26.24	5.743	-0.003	12.58	
1/16/2011 2:00	13021	2.829	272.9	21.67	4.578	0.263	320.1	4.771	2.789	38.4	36.88	74.37	70.42	0	0	26.23	5.743	0	12.95	
1/16/2011 3:00	13022	3.038	287.9	21.06	6.368	1.345	321.7	4.194	4.578	37.4	34.75	77.16	75.17	0	0	26.21	5.743	0	12.48	
1/16/2011 4:00	13023	4.645	300.2	5.269	6.368	0.369	293.6	3.828	4.578	36.75	32.26	78.05	77.4	0	0	26.2	5.743	0	12.82	
1/16/2011 5:00	13024	6.828	298.7	6.805	9.95	2.413	285	11.92	6.368	35.14	30.53	80.2	79.75	0	0	26.18	5.745	0.002	12.49	
1/16/2011 6:00	13025	7.676	315	5.621	9.95	3.8	310.4	11.14	6.368	34.46	31.26	79.64	78.06	0	0	26.16	5.742	-0.003	12.58	
1/16/2011 7:00	13026	5.141	318.9	6.032	8.16	0.457	305	3.377	4.578	33.58	30.4	81.1	79.55	0	0	26.15	5.745	0.003	14.17	
1/16/2011 8:00	13027	4.489	325.6	9.33	9.95	0.689	315.9	4.587	8.16	34.31	29.69	80.1	81.8	0	1.911	26.16	5.745	0	13.05	
1/16/2011 9:00	13028	6.272	314.8	10.27	13.52	3.608	311.7	9.36	9.95	37.61	36.75	73.45	71.01	0	107.3	26.2	5.743	-0.001	13.7	
1/16/2011 10:00	13029	3.965	299.8	14.01	8.16	3.135	300.3	15.69	8.16	45.48	45.7	60.67	56.12	0	306.5	26.27	5.735	-0.009	12.69	
1/16/2011 11:00	13030	2.453	250.2	62.95	8.16	1.717	260	49.17	6.368	52.24	52.92	47.36	43.15	0	490.4	26.36	5.732	-0.002	12.98	
1/16/2011 12:00	13031	3.795	77.51	59.96	9.95	2.616	78.93	60.53	9.95	55.9	56.99	40.58	36.47	0	577.2	26.4	5.724	-0.008	12.97	
1/16/2011 13:00	13032	4.28	217.4	63.7	9.95	3.247	221.5	57.53	8.16	58.43	59.39	33.85	29.81	0	668.9	26.39	5.718	-0.007	13.02	
1/16/2011 14:00	13033	4.188	67.3	77.82	11.74	2.872	66.94	77.88	9.95	60.85	62.36	30.31	26.12	0	661.9	26.37	5.711	-0.007	13.93	
1/16/2011 15:00	13034	3.827	192.9	83.9	9.95	2.801	199.6	76.4	9.95	62.19	63.08	28.45	24.67	0	554.3	26.35	5.701	-0.01	13.11	
1/16/2011 16:00	13035	4.639	177.3	42.52	11.74	3.258	183.3	43.97	11.74	62.8	64.06	27.27	23.2	0	462.8	26.34	5.692	-0.01	13.58	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/16/2011 17:00	13036	3.479	305.1	50.61	8.16	2.518	302.1	42.76	6.368	63.31	63.41	25.74	22.34	0	304.8	26.32	5.686	-0.006	13.06
1/16/2011 18:00	13037	1.211	295.4	25.71	8.16	0.866	305.4	26.46	6.368	61.87	62.03	25.96	22.75	0	112.1	26.3	5.68	-0.006	13.02
1/16/2011 19:00	13038	3.22	141.8	7.269	8.16	1.812	95.3	13.44	4.578	56.04	52.03	30.64	31.07	0	1.392	26.26	5.676	-0.005	12.94
1/16/2011 20:00	13039	5.836	150.1	8.37	8.16	1.529	99.7	12.72	4.578	52.35	46.27	33.64	36.21	0	0	26.21	5.671	-0.005	12.95
1/16/2011 21:00	13040	7.481	147.8	7.464	9.95	2.883	128.3	13.96	4.578	46.02	42.13	38.75	39.55	0	0	26.19	5.665	-0.006	12.99
1/16/2011 22:00	13041	7.199	148.5	7.313	9.95	2.468	124.2	13.71	4.578	42.25	38.55	45.85	45.88	0	0	26.16	5.663	-0.001	12.94
1/16/2011 23:00	13042	3.931	171.3	16.92	9.95	0.189	147.5	4.079	4.578	40.63	37.95	50.9	51.09	0	0	26.14	5.657	-0.006	12.11
1/17/2011 0:00	13043	4.837	215.6	13.14	8.16	0.603	235.8	18.69	2.789	39.51	36.16	51.52	52.2	0	0	26.12	5.654	-0.003	13.69
1/17/2011 1:00	13044	4.312	231.7	12.57	8.16	0.761	291.3	15.01	4.578	39.12	35.59	51.32	52.66	0	0	26.1	5.654	0	12.64
1/17/2011 2:00	13045	3.989	221	12.5	6.368	0.432	248.8	11.98	4.578	39.86	36.38	50.02	51.48	0	0	26.08	5.651	-0.003	12.5
1/17/2011 3:00	13046	2.43	236.1	11.66	4.578	0.032	324.5	2.483	2.789	38.44	35.37	52.11	52.81	0	0	26.07	5.651	0	12.48
1/17/2011 4:00	13047	4.283	270.8	17.71	8.16	1.49	305.2	10.29	4.578	38.52	33.98	53.57	55.82	0	0	26.05	5.648	-0.003	12.6
1/17/2011 5:00	13048	5.75	293.8	6.967	8.16	2.249	305.4	7.997	6.368	39.1	34.59	54.5	56.84	0	0	26.02	5.649	0	12.14
1/17/2011 6:00	13049	6.481	302.1	4.858	8.16	2.571	304.3	11.66	4.578	37.36	33.52	57.76	59.32	0	0	26.01	5.645	-0.003	12.63
1/17/2011 7:00	13050	5.631	320.3	14.31	9.95	2.155	323.3	14.86	6.368	39.44	36.34	54.36	55.53	0	0	26.01	5.645	-0.001	12.4
1/17/2011 8:00	13051	6.104	307.8	10.77	8.16	2.987	302	19.09	4.578	37.79	35.19	51.51	52.41	0	2.442	26	5.645	0	12.27
1/17/2011 9:00	13052	5.882	292.3	20.27	9.95	3.387	282.5	22.88	8.16	40.76	39.4	44.98	43.57	0	109	26	5.641	-0.003	12.6
1/17/2011 10:00	13053	4.138	228.3	19.91	8.16	2.988	228	19.48	6.368	45.8	46.2	39.3	35.43	0	309	26.05	5.636	-0.005	12.66
1/17/2011 11:00	13054	7.461	259.2	15.89	17.1	6.218	257.8	17.4	13.52	55.74	56.29	29.75	26.22	0	467.8	26.12	5.628	-0.008	12.88
1/17/2011 12:00	13055	14.01	279.6	13.18	22.47	11.59	278	16.1	18.89	64.5	65.2	25.54	21.96	0	583.1	26.15	5.607	-0.021	12.82
1/17/2011 13:00	13056	16.33	284.9	12.48	26.05	13.28	284.2	16.37	22.47	67.79	68.71	24.4	20.66	0	654.8	26.13	5.588	-0.019	12.95
1/17/2011 14:00	13057	16.15	273.1	13.69	26.05	13.25	271	16.16	24.26	71.31	72.28	22.24	18.46	0	656	26.1	5.578	-0.01	12.88
1/17/2011 15:00	13058	18.87	273.7	12.49	31.42	15.24	271.9	15.1	24.26	73.96	74.84	20.28	16.6	0	594.4	26.07	5.543	-0.035	13.46
1/17/2011 16:00	13059	22.94	299.5	16.96	38.57	18.52	299.6	18.72	33.21	76.66	77.07	18.35	15.03	0	447.5	26.06	5.505	-0.038	15.14
1/17/2011 17:00	13060	22.81	303.7	10.72	36.78	18.28	305.1	11.91	33.21	76.94	76.98	18.1	14.99	0	271.7	26.07	5.457	-0.048	12.96
1/17/2011 18:00	13061	22.13	306.5	9.91	34.99	17.63	308.1	10.58	31.42	74.31	73.99	20.18	17.25	0	90.5	26.07	5.448	-0.009	14.76
1/17/2011 19:00	13062	13.68	298.6	8.32	27.84	10.45	299.9	9.92	27.84	69.47	68.74	24.96	22.3	0	1.598	26.06	5.445	-0.003	12.86
1/17/2011 20:00	13063	11.21	287.5	8.88	18.89	7.946	287.5	11.54	17.1	65.38	64.1	29.08	26.95	0	0	26.06	5.447	0.001	12.95
1/17/2011 21:00	13064	14.53	308.4	12.58	31.42	10.79	309.6	13.48	24.26	63.55	62.33	27.25	25.23	0	0	26.05	5.409	-0.037	12.68
1/17/2011 22:00	13065	22.37	327.4	9.33	38.57	17.8	327.4	10.78	33.21	65.49	64.72	21.71	19.16	0	0	26.06	5.4	-0.01	12.85
1/17/2011 23:00	13066	13.87	341.6	11.95	34.99	10.32	340.6	13.29	31.42	62.24	61.47	25.56	22.82	0	0	26.1	5.39	-0.01	14.32
1/18/2011 0:00	13067	12.01	2.61	8.17	18.89	8.34	1.182	10.96	15.31	54.91	54.37	38.2	35.15	0	0	26.1	5.39	0	12.77
1/18/2011 1:00	13068	10.76	355.7	7.259	18.89	6.915	356.4	9.68	15.31	52.14	50.99	42.43	40.14	0	0	26.09	5.391	0.001	12.8
1/18/2011 2:00	13069	12.05	337.3	12.79	18.89	8.47	337.9	13.87	15.31	52.17	50.75	39.98	38.35	0	0	26.09	5.389	-0.002	12.61
1/18/2011 3:00	13070	10.84	311.5	12.39	17.1	7.632	312.5	13.2	13.52	50.93	49.74	38.92	36.83	0	0	26.1	5.379	-0.01	12.84
1/18/2011 4:00	13071	10.06	326.7	6.86	15.31	7.126	328.5	8.24	11.74	48.43	47	41.85	40.05	0	0	26.1	5.379	0	12.57
1/18/2011 5:00	13072	12.27	329.1	6.648	20.68	9.2	330.4	8.7	18.89	47.31	46.24	43.03	40.84	0	0	26.11	5.37	-0.01	12.66
1/18/2011 6:00	13073	10.54	357.5	25.78	17.1	7.166	0.423	26.95	13.52	46.89	46.12	43.93	41.27	0	0	26.13	5.37	0	12.57
1/18/2011 7:00	13074	11.63	17.36	12.66	22.47	7.85	17.83	13.88	20.68	43.86	43.34	46.73	43.71	0	0	26.16	5.364	-0.006	12.31
1/18/2011 8:00	13075	13.31	13.47	11.39	20.68	9.39	12.99	13.4	18.89	42.07	41.84	54.81	50.91	0	3.019	26.19	5.361	-0.003	12.44
1/18/2011 9:00	13076	8.08	3.446	21.75	17.1	5.249	0.555	24.48	13.52	42.86	42.72	64.72	60.04	0	116.5	26.22	5.354	-0.006	12.76
1/18/2011 10:00	13077	7.444	26.19	16.73	13.52	4.755	24	17.81	8.16	48.19	48.71	59.93	54.97	0	301.8	26.29	5.35	-0.004	13.43
1/18/2011 11:00	13078	9.65	50.22	13.07	17.1	5.718	45.3	18.01	11.74	53.1	54.71	52.88	47.11	0	488.7	26.36	5.349	-0.001	13.54
1/18/2011 12:00	13079	5.81	64.05	50.94	11.74	3.915	57.3	51.79	9.95	58.03	59.56	45.51	40.49	0	617.4	26.41	5.344	-0.005	12.88
1/18/2011 13:00	13080	2.606	60.42	65.64	8.16	1.75	52.78	58.38	6.368	63.76	64.18	36.22	33.01	0	665.2	26.43	5.34	-0.004	12.89

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/18/2011 14:00	13081	5.07	331	45.98	13.52	4.079	323.8	46.56	13.52	65.13	65.72	32.15	28.29	0	684.1	26.42	5.324	-0.016	12.94
1/18/2011 15:00	13082	6.953	294	37.48	15.31	5.679	293.7	39.37	13.52	65.2	66.09	27.26	23.1	0	609	26.41	5.311	-0.013	14.43
1/18/2011 16:00	13083	7.435	317.5	30.96	15.31	6.1	319.6	32.47	13.52	65.67	66.23	23.76	19.93	0	485.1	26.41	5.299	-0.013	12.98
1/18/2011 17:00	13084	4.277	51.48	66.53	11.74	2.898	46.13	61.73	9.95	66.92	67.54	22.61	19.01	0	316.7	26.39	5.287	-0.012	13.03
1/18/2011 18:00	13085	3.713	108.5	31.49	8.16	1.746	103.2	28.12	6.368	65.01	65.64	23.25	19.8	0	116.5	26.37	5.277	-0.009	15.32
1/18/2011 19:00	13086	5.657	107.5	15.22	9.95	2.808	86.7	14.96	4.578	59.78	55.15	27.22	27.75	0	2.412	26.33	5.269	-0.008	12.87
1/18/2011 20:00	13087	8.39	106.3	3.57	11.74	3.241	81.3	9.68	4.578	55.23	47.77	31.17	34.37	0	0	26.28	5.258	-0.011	12.82
1/18/2011 21:00	13088	7.394	107.4	5.625	9.95	2.899	82.8	10.23	4.578	50.14	45.47	39.01	39.83	0	0	26.25	5.252	-0.006	12.78
1/18/2011 22:00	13089	7.933	123.8	5.64	9.95	2.754	106	11.51	4.578	48.88	44.77	39.57	40.73	0	0	26.24	5.249	-0.003	12.89
1/18/2011 23:00	13090	8.27	131.2	6.545	11.74	3.227	124.5	13.51	6.368	47.61	44.36	42.05	42.2	0	0	26.22	5.247	-0.002	12.76
1/19/2011 0:00	13091	6.195	146.7	12.55	9.95	1.427	132.6	9.51	4.578	44.36	41.24	48.25	48.31	0	0	26.21	5.241	-0.005	12.89
1/19/2011 1:00	13092	2.802	193.4	11.22	6.368	0.005	192.3	1.11	2.789	42.01	38.9	51.89	52.47	0	0	26.19	5.242	0	12.31
1/19/2011 2:00	13093	2.103	198.2	18.66	4.578	0	0	0	0	41.09	38.06	54.39	53.96	0	0	26.15	5.238	-0.003	12.48
1/19/2011 3:00	13094	4.578	164.2	14.23	8.16	0.088	143.4	5.733	2.789	41.01	37.14	55.75	56.84	0	0	26.14	5.235	-0.003	12.2
1/19/2011 4:00	13095	3.738	154.3	16.65	6.368	0.014	96.1	0.867	2.789	39.02	36.81	59.59	58.97	0	0	26.12	5.235	0	12.2
1/19/2011 5:00	13096	3.178	166.2	23.93	6.368	0	0	0	0	37.93	35.96	64.32	63.18	0	0	26.09	5.232	-0.003	12.18
1/19/2011 6:00	13097	4.755	187.5	11.94	8.16	0.198	198.4	3.351	2.789	37.73	35.15	66.73	66.05	0	0	26.07	5.233	0	12.06
1/19/2011 7:00	13098	4.661	180.3	13.34	8.16	0.198	136	7.771	2.789	37.77	34.58	66.98	67.97	0	0	26.06	5.229	-0.003	12.52
1/19/2011 8:00	13099	3.055	187.2	28.15	6.368	0.013	88.7	0.39	2.789	37.16	33.97	68.17	69.34	0	1.598	26.05	5.23	0	12.41
1/19/2011 9:00	13100	5.442	170.8	13.07	8.16	0.676	162.7	9.77	4.578	38.4	35.38	66.76	66.91	0	55.97	26.05	5.229	-0.001	12.12
1/19/2011 10:00	13101	7.295	188.5	10.62	13.52	4.297	189.1	14.97	9.95	43.32	43.11	60.72	57.25	0	103.9	26.07	5.223	-0.007	12.69
1/19/2011 11:00	13102	8.21	187.9	10.9	15.31	5.39	191.6	16.26	11.74	47.84	48.47	56.32	51.82	0	260.2	26.11	5.218	-0.005	12.07
1/19/2011 12:00	13103	12.95	202	10.12	20.68	9.12	203.6	14.13	17.1	56.54	58.35	40.87	35.77	0	584.8	26.15	5.21	-0.008	12.72
1/19/2011 13:00	13104	15.23	211.1	10.69	22.47	10.68	212.1	13.9	18.89	60.96	62.63	32.87	28.26	0	598.5	26.17	5.199	-0.011	12.22
1/19/2011 14:00	13105	14.91	210.8	12.24	22.47	10.63	211.2	15.64	18.89	65.66	67.53	26.71	22.2	0	643.7	26.15	5.195	-0.003	12.41
1/19/2011 15:00	13106	15.96	209.2	12.54	24.26	11.12	210	15.21	18.89	69.77	71.37	21.13	17.06	0	535.9	26.12	5.178	-0.017	12.47
1/19/2011 16:00	13107	15.74	235.4	13.12	26.05	12	234.7	14.52	20.68	73.37	74.16	16.41	12.87	0	495.1	26.11	5.147	-0.032	12.38
1/19/2011 17:00	13108	15.54	224.1	13.22	26.05	11.03	223.9	14.67	22.47	73.24	73.55	15.57	12.27	0	247.4	26.1	5.134	-0.013	12.26
1/19/2011 18:00	13109	11.35	219.4	11.45	20.68	7.529	219.6	13.66	13.52	71.3	71.07	16.56	13.54	0	104.2	26.08	5.119	-0.015	12.72
1/19/2011 19:00	13110	9.58	227.5	12.74	15.31	5.646	228.3	15.65	9.95	65.19	63.54	21.35	19.24	0	2.478	26.06	5.107	-0.012	12.15
1/19/2011 20:00	13111	5.862	228.3	24.15	9.95	2.863	220	48.96	6.368	59.29	56.13	25.88	24.92	0	0	26.05	5.099	-0.008	12.42
1/19/2011 21:00	13112	3.288	211.9	17.16	6.368	1.246	131.5	30.51	4.578	55.8	52.04	29.66	29.44	0	0	26.04	5.093	-0.005	12.33
1/19/2011 22:00	13113	6.098	288	34.23	20.68	4.15	288.6	49.25	17.1	57.31	54.36	30.41	29.58	0	0	26.03	5.081	-0.012	12.47
1/19/2011 23:00	13114	3.73	317.6	56.06	8.16	1.115	26.67	42.18	4.578	55.18	51.7	32.99	33.12	0	0	26.05	5.078	-0.003	12.46
1/20/2011 0:00	13115	5.336	315	39.11	15.31	2.201	313.9	53.82	11.74	53.76	49.5	35.34	36.45	0	0	26.06	5.075	-0.003	12.3
1/20/2011 1:00	13116	3.725	263.9	37.02	22.47	1.033	202.2	50.59	15.31	49.98	44.49	38.81	41.76	0	0	26.06	5.075	0	12.33
1/20/2011 2:00	13117	22.23	21.32	10.52	38.57	14.28	20.24	13.27	31.42	45.71	45.22	56.29	52.66	0	0	26.11	5.072	-0.003	12.4
1/20/2011 3:00	13118	22.84	26.56	10.5	38.57	13.79	25.92	13.16	33.21	38.79	38.87	71.85	67.14	0	0	26.16	5.07	-0.002	14.35
1/20/2011 4:00	13119	24.46	28.34	11.37	40.36	14.52	27.6	13.5	31.42	35.83	36.02	74.14	68.99	0	0	26.2	5.064	-0.006	12.42
1/20/2011 5:00	13120	23.59	27.28	10.54	38.57	13.98	26.73	12.91	33.21	32.63	32.85	74.49	69.19	0	0	26.23	5.061	-0.003	12.26
1/20/2011 6:00	13121	23.5	21.34	9.93	36.78	15.53	19.85	13.12	33.21	31.5	31.74	71.14	66.04	0	0	26.28	5.058	-0.003	14.29
1/20/2011 7:00	13122	19.11	23.13	10.07	31.42	12.14	22	13.48	27.84	30.27	30.52	67.92	63	0	0	26.31	5.055	-0.003	12.28
1/20/2011 8:00	13123	17.28	15.81	10.74	33.21	12.09	14.56	13.49	26.05	30.22	30.49	61.03	56.39	0	0.854	26.35	5.049	-0.006	12.3
1/20/2011 9:00	13124	19.71	4.627	10.76	31.42	14.51	3.246	14.21	26.05	29.38	29.72	60.2	55.57	0	41.82	26.39	5.043	-0.006	12.3
1/20/2011 10:00	13125	17.53	3.67	10.45	27.84	12.94	2.438	13.46	22.47	28.39	28.85	57.44	52.83	0	109.4	26.44	5.034	-0.009	12.13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/20/2011 11:00	13126	16.71	8.96	11.71	26.05	12.06	8.26	14.85	20.68	29.55	30.33	53.13	48.14	0	387.6	26.47	5.032	-0.002	12.3
1/20/2011 12:00	13127	14.83	6.405	13.26	24.26	10.94	4.791	16.33	24.26	31.93	33.15	48.61	43.27	0	622.3	26.52	5.025	-0.007	12.27
1/20/2011 13:00	13128	12.99	20.76	16.58	24.26	8.61	19.84	18.3	20.68	35.06	36.41	44.23	38.91	0	689.5	26.54	5.015	-0.01	12.62
1/20/2011 14:00	13129	11.43	16.81	14.51	20.68	8.03	15.38	16.76	17.1	37.93	39.34	39.01	33.89	0	690	26.54	5.004	-0.01	12.37
1/20/2011 15:00	13130	10.54	27.31	17.97	20.68	7.155	23.93	19.43	17.1	39.96	41.33	35.08	30.19	0	625.4	26.53	4.981	-0.023	14.69
1/20/2011 16:00	13131	10.23	42.71	22.36	18.89	6.745	39.33	24.5	15.31	41.6	43.07	30.53	25.83	0	501.1	26.52	4.965	-0.016	12.31
1/20/2011 17:00	13132	8.58	46.68	22.15	15.31	5.58	42.07	25.3	11.74	42.1	43.37	28.13	23.7	0	325.1	26.51	4.956	-0.009	12.27
1/20/2011 18:00	13133	7.34	68.66	14.07	13.52	4.849	66.35	19.49	11.74	41.07	41.84	28.16	24.21	0	124.2	26.48	4.948	-0.008	12.35
1/20/2011 19:00	13134	4.717	88.6	5.354	8.16	2.185	83.5	9.64	4.578	36.84	34.67	32.37	30.75	0	2.912	26.44	4.942	-0.005	12.43
1/20/2011 20:00	13135	5.81	111.7	8.74	8.16	2.417	84.5	6.799	4.578	34.9	30.38	34.45	35.02	0	0	26.4	4.94	-0.002	12.15
1/20/2011 21:00	13136	7.399	130.6	5.057	9.95	2.264	97.9	9.16	4.578	34.07	26.93	35.57	38.6	0	0	26.36	4.942	0.002	12.28
1/20/2011 22:00	13137	6.756	137	3.379	8.16	1.758	94.3	6.02	4.578	31.14	25.47	38.96	41.01	0	0	26.34	4.939	-0.003	12.53
1/20/2011 23:00	13138	3.194	177.9	24.54	6.368	0.063	98.1	1.223	4.578	27.56	24.2	42.69	42.99	0	0	26.33	4.94	0.001	12.3
1/21/2011 0:00	13139	1.582	155.3	21.4	4.578	0.6	80.9	9.96	2.789	25.5	23.22	45.62	44.56	0	0	26.29	4.94	0.001	12.3
1/21/2011 1:00	13140	5.379	177.5	11.92	8.16	1.104	185.9	14.36	4.578	24.34	21.57	47.42	46.4	0	0	26.25	4.94	0	12.42
1/21/2011 2:00	13141	4.419	230	17.64	9.95	1.013	227.3	20.2	4.578	22.47	20.83	49.29	47.21	0	0	26.22	4.94	0	12.4
1/21/2011 3:00	13142	6.744	212.6	14.2	11.74	3.021	210.6	15.2	8.16	22.69	20.92	49.6	47.22	0	0	26.18	4.94	0	12.56
1/21/2011 4:00	13143	8.1	214.5	10.52	15.31	4.881	218.1	13.03	11.74	23.44	22.59	51.89	48.65	0	0	26.15	4.94	0	12.3
1/21/2011 5:00	13144	7.046	228.5	11.63	9.95	3.505	230.6	12.57	6.368	20.76	19.41	55.2	52.11	0	0	26.14	4.94	0	12.25
1/21/2011 6:00	13145	6.945	214.6	8.6	9.95	3.492	219.4	13.27	6.368	22.14	20.8	58.49	55.63	0	0	26.1	4.94	0	12.42
1/21/2011 7:00	13146	4.878	232	10.75	8.16	1.643	244.9	12.99	4.578	21.23	19.81	60.95	57.94	0	0	26.08	4.94	0	12.27
1/21/2011 8:00	13147	4.375	232.9	11.45	8.16	1.431	237.8	7.629	4.578	22.5	20.12	61.26	59.57	0	1.638	26.06	4.94	0	12.52
1/21/2011 9:00	13148	2.252	229	17.43	6.368	0.685	233.5	16.47	4.578	27.24	26.04	56.05	52.38	0	119.6	26.07	4.943	0.003	12.11
1/21/2011 10:00	13149	8.01	224.1	9.34	13.52	6.238	225	12.03	11.74	33.82	34.47	49.05	44.06	0	321.5	26.13	4.943	0.001	12.79
1/21/2011 11:00	13150	7.755	241.7	16.22	11.74	6.336	240.5	17.72	9.95	39.86	40.62	41.67	37.17	0	499.3	26.19	4.939	-0.005	13.5
1/21/2011 12:00	13151	12.71	286	31.98	27.84	10.21	286	33.62	24.26	51.77	52.41	26.39	22.9	0	532.1	26.22	4.886	-0.052	12.87
1/21/2011 13:00	13152	17.68	334	17.37	29.63	13.72	334.3	18.27	24.26	59.31	60.19	15.01	11.55	0	667	26.25	4.882	-0.004	12.92
1/21/2011 14:00	13153	19.44	355.7	12.08	31.42	14.52	353.9	14.3	27.84	60.53	61.41	14.81	11.17	0	678	26.27	4.881	0	14.77
1/21/2011 15:00	13154	18.28	8.05	17.34	31.42	13.05	7.001	19.43	24.26	62.01	62.79	14.73	11.08	0	617.3	26.29	4.872	-0.01	12.51
1/21/2011 16:00	13155	19.33	32.91	14.54	33.21	11.92	30.51	16.52	26.05	60.07	60.81	16.71	12.98	0	484.5	26.31	4.859	-0.013	12.8
1/21/2011 17:00	13156	18.03	44.4	12.66	27.84	10.61	41.24	15.08	22.47	57.58	58.15	20.19	16.5	0	303.8	26.33	4.85	-0.009	12.62
1/21/2011 18:00	13157	14.81	51.09	10.11	24.26	8.84	48.29	15.79	17.1	55.54	55.65	22.56	19.15	0	111.3	26.34	4.835	-0.015	14.12
1/21/2011 19:00	13158	10.51	52.07	9.95	17.1	6.052	49.27	14.86	11.74	50.31	49.58	27.68	24.83	0	3.043	26.34	4.82	-0.015	12.65
1/21/2011 20:00	13159	8.05	64.11	8.98	13.52	4.645	62.37	14.26	9.95	44.53	43.26	33.61	31.2	0	0	26.32	4.796	-0.024	12.3
1/21/2011 21:00	13160	7.899	65.32	8.47	11.74	4.307	61.76	15.13	8.16	41.57	39.9	38.41	36.49	0	0	26.3	4.794	-0.002	12.27
1/21/2011 22:00	13161	6.682	68.25	10.26	11.74	3.225	60.63	17.01	8.16	38.4	35.72	42.08	41.37	0	0	26.29	4.791	-0.003	12.43
1/21/2011 23:00	13162	5.133	75.42	7.872	9.95	2.185	63.98	11.79	6.368	37.1	33.29	43.87	44.6	0	0	26.27	4.791	0	12.11
1/22/2011 0:00	13163	3.636	63.06	10.97	8.16	1.847	54.21	38.47	4.578	37.95	33.84	43.11	44.13	0	0	26.26	4.785	-0.006	12.24
1/22/2011 1:00	13164	3.395	285.3	19.72	6.368	0.345	244.2	13.1	2.789	33.52	27.92	48.62	50.17	0	0	26.26	4.783	-0.002	12.31
1/22/2011 2:00	13165	0.053	300.3	1.961	2.789	0.105	97.1	13.32	2.789	32.83	27.45	48.8	51.41	0	0	26.24	4.783	0	12.35
1/22/2011 3:00	13166	0.296	315.9	0.563	4.578	0.004	335.6	0.353	2.789	32.83	28.09	48.88	51.53	0	0	26.22	4.784	0.001	12.34
1/22/2011 4:00	13167	3.112	310.9	5.922	6.368	0.26	77.54	6.564	2.789	34.93	28.56	45.79	50.46	0	0	26.2	4.783	0	12.12
1/22/2011 5:00	13168	0	0	0	0	0.395	70.23	4.604	2.789	34.06	26.71	46.19	52.95	0	0	26.18	4.784	0	12.15
1/22/2011 6:00	13169	0	0	0	0	0.651	63.94	5.077	4.578	33.65	26.53	46.57	53.25	0	0	26.16	4.784	0	12.29
1/22/2011 7:00	13170	0	0	0	0	0.049	97.9	0.548	2.789	31.87	25.42	48.99	53.86	0	0	26.14	4.784	0	12.12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/22/2011 8:00	13171	3.974	194.3	6.511	8.16	0.685	107.6	5.974	2.789	32.06	25.38	48.07	54.09	0	2.852	26.12	4.785	0	12.14
1/22/2011 9:00	13172	2.352	190.1	9.29	6.368	0.276	146.8	8.15	2.789	33.86	32.36	45.74	43.87	0	122.7	26.13	4.783	-0.001	12.41
1/22/2011 10:00	13173	7.941	204.6	14.66	17.1	5.682	208.4	16.56	15.31	41.11	42	36.57	32.4	0	327	26.18	4.783	0	12.53
1/22/2011 11:00	13174	15.23	196.4	10.58	22.47	10.62	198.3	14.8	18.89	45.51	47.04	30.78	26.35	0	502.7	26.23	4.763	-0.021	12.48
1/22/2011 12:00	13175	16.35	198.3	10.06	26.05	11.17	199.7	14.26	18.89	51.12	53.02	25.12	20.67	0	633.7	26.23	4.747	-0.016	12.77
1/22/2011 13:00	13176	16.64	221.4	11.39	26.05	12.03	222.2	13.79	20.68	56.25	57.86	20.98	16.78	0	701.6	26.22	4.739	-0.007	12.94
1/22/2011 14:00	13177	15.55	214.6	13.67	24.26	11.27	215.2	16.33	18.89	61.13	62.91	17.47	13.31	0	699.5	26.19	4.723	-0.016	14.09
1/22/2011 15:00	13178	17.47	226.6	11.97	26.05	12.91	226.6	13.79	22.47	64.66	65.94	14.84	10.95	0	631.9	26.16	4.71	-0.013	12.96
1/22/2011 16:00	13179	15.43	233.9	13.03	26.05	11.69	233.1	14.28	22.47	66.97	67.8	13.65	9.97	0	503.8	26.15	4.691	-0.019	12.82
1/22/2011 17:00	13180	13.15	221.3	11.7	20.68	9.41	221.1	14.08	17.1	67.76	68.47	12.93	9.29	0	330.4	26.13	4.675	-0.016	13.04
1/22/2011 18:00	13181	9.73	239.4	11.7	18.89	7.055	238.1	12.78	15.31	67.05	66.9	13.26	10.05	0	129	26.11	4.663	-0.013	12.73
1/22/2011 19:00	13182	5.768	252.9	21.59	9.95	2.439	252.3	35.59	6.368	60.51	57.11	17.02	15.72	0	3.657	26.08	4.654	-0.008	12.51
1/22/2011 20:00	13183	1.361	226.7	22.31	4.578	0.769	111.9	16.73	4.578	53.62	50.17	21.4	20.75	0	0	26.05	4.649	-0.005	12.62
1/22/2011 21:00	13184	5.813	301.7	16.34	9.95	2.16	316.1	11.57	4.578	53.27	46.85	22.23	24.03	0	0	26.02	4.64	-0.009	12.4
1/22/2011 22:00	13185	3.619	276.8	26.24	8.16	1.218	213.4	24.03	4.578	50.12	45.06	25.01	25.1	0	0	26.01	4.637	-0.003	12.11
1/22/2011 23:00	13186	6.591	312.3	21.73	15.31	4.258	301.1	32.2	13.52	47.01	44.76	27.36	25.82	0	0	26.02	4.631	-0.006	12.48
1/23/2011 0:00	13187	12.95	335.4	8.57	20.68	9.98	333.9	10.14	17.1	50.66	49.54	25.2	22.8	0	0	26.04	4.624	-0.007	12.54
1/23/2011 1:00	13188	15.02	13.92	15.16	33.21	9.87	12.59	17.35	24.26	46.46	46	31.52	28.36	0	0	26.08	4.621	-0.003	13.8
1/23/2011 2:00	13189	15.67	23.55	9.18	24.26	9.84	22.16	12.04	20.68	45.08	44.71	38.51	35.17	0	0	26.08	4.615	-0.006	12.68
1/23/2011 3:00	13190	17.41	32.93	10.18	29.63	9.64	31.95	11.86	18.89	44.24	43.94	44.72	41.34	0	0	26.09	4.609	-0.006	12.29
1/23/2011 4:00	13191	16.8	31.28	10.8	27.84	9.4	31.58	12.3	18.89	43.32	43.04	47.05	43.65	0	0	26.11	4.605	-0.003	12.37
1/23/2011 5:00	13192	15.54	23.87	10.03	24.26	9.84	21.67	12.66	22.47	42.11	41.84	49.77	46.33	0	0	26.15	4.6	-0.006	12.42
1/23/2011 6:00	13193	15.45	19.92	8.79	22.47	10.76	17.5	11.63	20.68	40.65	40.44	51.9	48.3	0	0	26.17	4.597	-0.003	13.89
1/23/2011 7:00	13194	12.68	21.99	9.75	20.68	8.3	20.01	12.38	17.1	39.01	38.8	55.69	52	0	0	26.19	4.597	0	12.5
1/23/2011 8:00	13195	11.21	18.9	9.4	18.89	7.776	17	11.52	15.31	39.18	39.07	56.37	52.55	0	3.068	26.22	4.594	-0.003	12.58
1/23/2011 9:00	13196	8.8	13.64	10.55	15.31	6.266	13.27	12.11	13.52	39.83	39.77	55.89	52.02	0	20.04	26.26	4.594	0	12.52
1/23/2011 10:00	13197	11.57	15.55	12.04	24.26	7.932	14.27	14.63	20.68	42.09	42.09	53.41	49.63	0	59.39	26.3	4.587	-0.007	12.65
1/23/2011 11:00	13198	14.99	18.7	10.02	24.26	10.45	17.34	12.23	20.68	43.49	43.63	49.9	46.01	0	110.2	26.34	4.583	-0.004	12.57
1/23/2011 12:00	13199	14.84	22.93	10.58	24.26	9.44	22.82	13.52	20.68	44.29	44.61	41.31	37.55	0	210.7	26.35	4.58	-0.003	12.69
1/23/2011 13:00	13200	11.06	36.73	18.2	18.89	7.094	33.83	20.43	15.31	48	49.44	32.17	27.82	0	647.7	26.36	4.57	-0.01	13.06
1/23/2011 14:00	13201	10	37.66	20.12	20.68	6.49	33.9	22.06	15.31	50.74	52.45	24.83	20.45	0	649.2	26.39	4.56	-0.01	12.88
1/23/2011 15:00	13202	6.842	21.74	28.14	18.89	4.982	17.73	33.56	13.52	52.51	53.75	24.64	20.41	0	639.7	26.41	4.552	-0.008	12.95
1/23/2011 16:00	13203	5.279	23.84	37.83	13.52	3.775	22.25	40.6	11.74	53.63	54.58	23.91	19.86	0	513.7	26.42	4.545	-0.006	12.75
1/23/2011 17:00	13204	3.36	15.3	60.69	8.16	2.346	3.255	53.99	8.16	54.77	55.04	23.15	19.65	0	338.7	26.41	4.539	-0.006	13.03
1/23/2011 18:00	13205	3.847	261.8	47.29	8.16	2.692	260.8	37.46	8.16	53.12	53.67	24.62	20.73	0	135.5	26.39	4.534	-0.005	12.67
1/23/2011 19:00	13206	3.109	240.9	72.53	8.16	0.733	119.5	34.83	4.578	48.2	45.11	28.48	27.39	0	4.036	26.34	4.522	-0.012	12.5
1/23/2011 20:00	13207	4.972	144.7	26.22	8.16	2.371	101.8	35.94	4.578	42.89	38.16	33.6	33.45	0	0	26.3	4.517	-0.005	12.45
1/23/2011 21:00	13208	4.512	160.1	15.09	8.16	1.14	114.7	10.72	4.578	38.61	35.61	40.12	38.85	0	0	26.27	4.512	-0.005	13.94
1/23/2011 22:00	13209	4.709	175.5	16.11	8.16	0.546	132.7	11.7	4.578	34.25	31.43	48.26	46.69	0	0	26.24	4.509	-0.003	12.67
1/23/2011 23:00	13210	1.251	198.2	13.42	4.578	0.277	135.6	1.622	2.789	31.98	29.87	53.72	52.4	0	0	26.22	4.504	-0.005	14.94
1/24/2011 0:00	13211	2.975	212.8	14.4	6.368	0.191	138.1	1.422	2.789	31.53	28.69	57.05	56.15	0	0	26.21	4.504	0	12.26
1/24/2011 1:00	13212	4.263	211.2	11.41	6.368	0.384	170.5	6.352	2.789	30.15	26.35	61.9	60.27	0	0	26.19	4.504	0	12.2
1/24/2011 2:00	13213	3.109	195.3	10.39	6.368	0.194	147.5	8.15	4.578	29.12	26.26	66.83	66.31	0	0	26.16	4.505	0.001	12.32
1/24/2011 3:00	13214	2.182	198.6	10.15	6.368	0	0	0	0	27.89	25.61	69.91	68.31	0	0	26.14	4.505	0	12.15
1/24/2011 4:00	13215	1.803	200.8	9.47	4.578	0.001	150	0	2.789	27.11	24.89	72.73	71.34	0	0	26.13	4.505	0	12.41

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/24/2011 5:00	13216	2.457	200.9	12.28	6.368	0.001	169.7	0	2.789	26.33	24	73.72	72.72	0	0	26.11	4.505	0.001	12.28
1/24/2011 6:00	13217	2.86	192.4	12.54	6.368	0.002	222.7	0.097	2.789	26.93	23.97	71.18	71.86	0	0	26.09	4.505	0	12.16
1/24/2011 7:00	13218	4.179	217.8	24.68	8.16	0.005	182	0.236	2.789	27.85	24.65	68.22	68.75	0	0	26.08	4.505	0	12.69
1/24/2011 8:00	13219	4.159	259.4	15.19	6.368	0	0	0	0	28.04	24.79	67.62	67.83	0	3.251	26.08	4.505	0	12.23
1/24/2011 9:00	13220	2.808	252.4	29.25	6.368	0.107	246.7	1.325	4.578	31.33	28.96	62.29	60.63	0	129.2	26.09	4.504	-0.001	12.08
1/24/2011 10:00	13221	6.071	237.2	14.51	9.95	4.827	236.5	15.2	9.95	37.61	38.03	53.55	48.87	0	333.8	26.15	4.505	0.001	12.19
1/24/2011 11:00	13222	7.605	217.4	20.74	15.31	5.856	217.8	22.29	13.52	45.71	46.81	42.54	37.86	0	513.2	26.21	4.503	-0.002	12.46
1/24/2011 12:00	13223	10.37	263.1	17.17	17.1	8.67	261.2	19.22	15.31	53.29	54.09	30.61	26.7	0	639.1	26.24	4.477	-0.026	12.69
1/24/2011 13:00	13224	13.19	274.9	15.5	24.26	11	273.1	17.88	24.26	57.01	57.99	20.79	17	0	708.7	26.24	4.438	-0.039	12.75
1/24/2011 14:00	13225	16.19	289.8	12.5	27.84	13.44	289.2	16.18	24.26	57.96	59.02	13.32	9.49	0	715.6	26.23	4.425	-0.013	12.8
1/24/2011 15:00	13226	16.39	295.1	23.47	31.42	13.53	294.7	25.79	26.05	58.36	59.44	12.95	9.01	0	647.8	26.21	4.419	-0.006	13.52
1/24/2011 16:00	13227	17.61	337.1	12.71	27.84	13.22	337.4	15.99	24.26	56.43	57.44	16.27	12.3	0	463.3	26.23	4.406	-0.013	12.59
1/24/2011 17:00	13228	21.73	355.3	11.4	33.21	15.99	353.9	13.6	27.84	52.93	53.44	24.34	20.49	0	242.2	26.24	4.407	0.001	12.14
1/24/2011 18:00	13229	20.9	8.02	10.21	34.99	15.35	6.877	13.55	29.63	49.36	49.52	28.46	24.83	0	83.7	26.25	4.395	-0.012	12.51
1/24/2011 19:00	13230	20.16	6.079	8.79	34.99	14.91	4.909	12.23	31.42	46.23	46.18	33.18	29.63	0	2.939	26.26	4.39	-0.005	12.39
1/24/2011 20:00	13231	20.77	10.5	10.04	40.36	15.21	9.97	12.96	33.21	44	43.95	36.85	33.23	0	0	26.28	4.374	-0.016	12.4
1/24/2011 21:00	13232	20.11	1.938	8.73	33.21	14.92	359.8	12.51	26.05	41.54	41.52	45.75	41.82	0	0	26.31	4.364	-0.01	12.12
1/24/2011 22:00	13233	16.5	354.1	9.63	26.05	12.12	352	11.84	22.47	38.06	38.01	60.11	55.86	0	0	26.33	4.363	-0.002	12.33
1/24/2011 23:00	13234	18.8	359.6	9.61	27.84	13.79	357.3	12.28	26.05	36.51	36.48	66.01	61.68	0	0	26.33	4.36	-0.003	12.25
1/25/2011 0:00	13235	16.66	6.264	9.1	26.05	12.27	5.361	12.51	22.47	36.28	36.25	66.82	62.45	0	0	26.34	4.356	-0.003	12.26
1/25/2011 1:00	13236	13.6	0.89	9.03	29.63	10.04	358.6	11.71	22.47	33.95	33.89	71.49	66.8	0	0	26.35	4.356	0	12.44
1/25/2011 2:00	13237	11.92	3.486	10.91	20.68	8.67	1.81	12.82	17.1	31.85	31.82	75.48	70.42	0	0	26.34	4.356	0	12.27
1/25/2011 3:00	13238	8.48	349.6	11.91	13.52	5.759	347.7	11.49	11.74	29.94	29.83	78	72.74	0	0	26.35	4.355	-0.002	12.47
1/25/2011 4:00	13239	8.6	349	11.27	13.52	5.824	350.3	10.91	9.95	29.01	28.87	79.04	73.82	0	0	26.35	4.351	-0.003	12.28
1/25/2011 5:00	13240	6.899	327.7	9.6	11.74	4.64	328	11.37	9.95	27.03	26.76	80.6	74.85	0	0	26.35	4.351	0	12.21
1/25/2011 6:00	13241	8.62	353.3	14.63	15.31	5.888	350	13.95	11.74	24.91	24.57	81.3	75.84	0	0	26.33	4.348	-0.003	12.57
1/25/2011 7:00	13242	9.08	346.6	14.24	13.52	6.249	345.3	12.89	11.74	23.69	23.41	80.6	75.16	0	0	26.32	4.349	0.001	12.25
1/25/2011 8:00	13243	7.849	318.4	8.56	13.52	4.104	320.8	15.01	9.95	21.36	21.09	80.9	75.1	0	3.485	26.32	4.353	0.004	14.17
1/25/2011 9:00	13244	5.626	285.7	16.99	9.95	3.803	278.5	19.18	8.16	23.39	23.33	77.34	71.26	0	128.8	26.33	4.352	-0.001	12.63
1/25/2011 10:00	13245	5.226	313.8	18.8	9.95	4.348	314.6	21.47	8.16	31.26	31.69	70.9	64.77	0	333	26.38	4.353	0.001	12.53
1/25/2011 11:00	13246	4.886	332.5	35.12	9.95	3.787	332.9	34.58	8.16	39.11	39.87	56.02	50.87	0	511.9	26.45	4.342	-0.011	12.61
1/25/2011 12:00	13247	2.351	39.31	72.08	6.368	1.66	53.09	70.33	6.368	46	46.21	37.15	34.05	0	643.4	26.5	4.341	-0.001	12.64
1/25/2011 13:00	13248	5.421	216.7	43.48	13.52	4.089	220.8	41.99	11.74	47.26	48.25	30.04	25.9	0	715.4	26.51	4.333	-0.008	14.61
1/25/2011 14:00	13249	8.32	208.8	28.46	15.31	6.424	209.4	29.76	13.52	47.28	48.96	28.57	23.9	0	720.2	26.47	4.327	-0.006	15.03
1/25/2011 15:00	13250	9	212.6	21.12	18.89	6.858	215	22.32	15.31	48.46	50.02	28.27	23.58	0	655	26.43	4.321	-0.006	12.81
1/25/2011 16:00	13251	11.32	218	16.01	18.89	8.3	218.5	18.57	15.31	48.85	50.27	28.54	23.86	0	477.1	26.4	4.309	-0.012	13.09
1/25/2011 17:00	13252	12.07	231.9	13.6	18.89	9.31	231.5	14.82	17.1	48.95	49.78	24.77	20.78	0	336.8	26.36	4.296	-0.013	12.98
1/25/2011 18:00	13253	10.28	222.3	15.9	17.1	7.4	222.4	17.4	15.31	48.32	48.69	23.87	20.23	0	153.6	26.34	4.287	-0.01	12.61
1/25/2011 19:00	13254	7.514	179.3	9.87	11.74	3.189	168.6	16.59	8.16	42.91	39.95	28.23	27.21	0	3.604	26.3	4.272	-0.015	12.54
1/25/2011 20:00	13255	7.014	160.6	5.76	9.95	2.17	141.7	11.61	4.578	38.6	34.3	32.53	32.68	0	0	26.26	4.255	-0.018	12.12
1/25/2011 21:00	13256	6.327	151.2	6.483	8.16	1.961	115.5	10.52	4.578	35.85	32.09	36.53	36.18	0	0	26.23	4.252	-0.003	12.41
1/25/2011 22:00	13257	5.762	146.1	6.287	8.16	1.812	108.4	10.18	4.578	33.76	30.39	40.21	39.86	0	0	26.22	4.25	-0.002	12.34
1/25/2011 23:00	13258	2.677	156.2	14.73	6.368	0.408	93.8	7.978	2.789	32.51	29.67	41.93	41.64	0	0	26.22	4.25	0	12.39
1/26/2011 0:00	13259	0.657	205.2	12.17	4.578	0.007	48.46	0.017	2.789	31.9	29.34	42.02	41.97	0	0	26.22	4.244	-0.006	12.17
1/26/2011 1:00	13260	3.421	172.1	13.91	6.368	0.404	93.4	10.44	2.789	32.73	29.35	40.61	41.33	0	0	26.22	4.24	-0.003	13.99

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/26/2011 2:00	13261	1.638	157.1	15.7	4.578	0.348	73.03	8.01	2.789	32.29	29.54	42.63	41.83	0	0	26.21	4.24	0	13.49
1/26/2011 3:00	13262	1.742	37.44	55.28	4.578	0.842	40.9	19.7	4.578	31.68	28.54	44.34	44.25	0	0	26.2	4.24	0	12.31
1/26/2011 4:00	13263	1.335	3.144	29.37	4.578	1.16	47.98	22.75	4.578	32.16	27.64	45.08	45.82	0	0	26.21	4.24	0	12.4
1/26/2011 5:00	13264	2.681	133.3	27.82	6.368	1.937	80.5	28.44	4.578	33.27	26.29	46.94	49.76	0	0	26.2	4.24	0	12.12
1/26/2011 6:00	13265	3.933	301.1	31.15	6.368	1.18	328.2	7.828	6.368	33.56	28.59	49.2	50.83	0	0	26.21	4.24	0	12.22
1/26/2011 7:00	13266	1.305	301.1	9.5	4.578	1.386	89.3	15.16	4.578	31.93	24.41	52.74	55.11	0	0	26.23	4.241	0	12.26
1/26/2011 8:00	13267	2.21	299.7	8.61	6.368	0.603	88.1	16.63	4.578	32.44	26.36	53.48	54.94	0	1.965	26.24	4.241	0	12.88
1/26/2011 9:00	13268	6.302	316	10.08	11.74	3.654	314.5	34.09	9.95	31.34	27.96	53.83	52.54	0	68.9	26.27	4.24	-0.001	12.36
1/26/2011 10:00	13269	3.898	328.3	21.36	9.95	3.107	327.4	13.39	9.95	38.11	38.31	45.98	42.06	0	260.6	26.32	4.242	0.002	12.59
1/26/2011 11:00	13270	4.119	33.68	30.19	15.31	2.79	22.66	26.17	11.74	45.61	46.35	36.03	32.25	0	503.4	26.42	4.243	0.001	12.57
1/26/2011 12:00	13271	9.23	13.15	19.65	15.31	6.653	10.52	21.88	13.52	46.4	47.38	28.91	24.94	0	648.7	26.48	4.217	-0.026	12.59
1/26/2011 13:00	13272	9.53	5.129	16.78	17.1	7.446	3.578	17.74	15.31	48.6	49.48	26.94	22.96	0	668.9	26.48	4.21	-0.007	14.09
1/26/2011 14:00	13273	8.32	8.81	26.77	17.1	6.085	5.624	28.09	11.74	52.11	53.09	23.95	19.99	0	601.7	26.47	4.21	0	12.67
1/26/2011 15:00	13274	7.242	55.91	30.53	13.52	5.075	53.14	33.57	11.74	54.53	56.18	22.13	17.92	0	605	26.46	4.203	-0.007	12.86
1/26/2011 16:00	13275	8.61	26.9	20.79	17.1	6.158	22.47	22.7	15.31	54.85	55.81	22.66	18.68	0	517.6	26.47	4.19	-0.013	13.08
1/26/2011 17:00	13276	9.65	37.68	19.56	20.68	6.131	34.82	20.58	18.89	54.01	54.86	22.64	18.74	0	348.2	26.46	4.181	-0.009	13.03
1/26/2011 18:00	13277	7.764	62.22	13.53	13.52	4.768	59.56	18.76	9.95	53.14	53.75	22.43	18.77	0	144.4	26.45	4.173	-0.008	13.91
1/26/2011 19:00	13278	5.796	57.83	8.55	8.16	2.82	60.29	9.6	6.368	47.65	45.56	27.42	26.04	0	5.385	26.43	4.167	-0.006	12.21
1/26/2011 20:00	13279	7.353	37.51	15.01	15.31	3.863	41.65	20.03	13.52	44.92	41.76	29.51	29.33	0	0	26.41	4.161	-0.006	12.44
1/26/2011 21:00	13280	8.98	33.26	14.96	15.31	4.592	33.79	17.46	11.74	40.39	39.63	34.21	31.28	0	0	26.41	4.156	-0.005	12.59
1/26/2011 22:00	13281	7.871	31.1	9.1	11.74	3.548	32.78	10.3	8.16	38.96	37.87	36.55	33.93	0	0	26.41	4.153	-0.003	15.08
1/26/2011 23:00	13282	9.29	24.86	10.09	15.31	5.221	25.41	12.41	11.74	38.86	37.81	37.36	34.74	0	0	26.41	4.144	-0.01	12.1
1/27/2011 0:00	13283	10.04	11.89	8.99	15.31	6.969	9.5	10.71	11.74	38.34	37.49	40.62	37.55	0	0	26.43	4.141	-0.003	13.98
1/27/2011 1:00	13284	9.57	19.45	7.669	18.89	5.914	20.62	10.4	15.31	39.16	38.1	45.87	42.9	0	0	26.43	4.134	-0.006	12.86
1/27/2011 2:00	13285	4.814	6.445	28	9.95	3.13	354.3	33.89	6.368	36.2	33.84	51.53	49.39	0	0	26.42	4.134	0	12.56
1/27/2011 3:00	13286	2.444	329.5	16.86	6.368	0.991	306.9	14.46	4.578	30.77	27.51	58.38	56.63	0	0	26.4	4.129	-0.005	12.33
1/27/2011 4:00	13287	0.872	327.2	11.18	8.16	0.623	140.3	6.278	2.789	29.4	24.09	61.3	61.2	0	0	26.36	4.126	-0.003	13.31
1/27/2011 5:00	13288	3.499	327.8	11.35	6.368	0.366	143.5	4.118	2.789	29.93	21.49	63.63	63.38	0	0	26.34	4.13	0.004	12.42
1/27/2011 6:00	13289	4.711	319.5	8.36	13.52	0.88	287.3	36.79	8.16	30.23	22.07	64.79	65.77	0	0	26.33	4.127	-0.003	13.34
1/27/2011 7:00	13290	9.25	315.6	7.476	13.52	5.931	316.6	12.92	9.95	27.83	27.21	64.78	61.27	0	0	26.34	4.13	0.003	12.29
1/27/2011 8:00	13291	7.963	321.5	6.95	11.74	4.441	321.7	14.11	8.16	27.19	26.32	66.07	62.45	0	3.869	26.37	4.129	-0.001	12.12
1/27/2011 9:00	13292	4.312	298.5	17.78	9.95	2.435	288.3	24.09	8.16	30.41	29.65	62.11	58.1	0	134.3	26.38	4.129	0	12.4
1/27/2011 10:00	13293	7.193	294.3	13.91	11.74	6.025	292.6	16.85	9.95	40.15	40.38	49.16	44.94	0	340	26.44	4.127	-0.002	12.75
1/27/2011 11:00	13294	9.75	259.3	13.42	17.1	8.11	257.3	14.82	15.31	48.61	49.29	37.48	33.4	0	520.1	26.5	4.106	-0.021	12.09
1/27/2011 12:00	13295	10.95	267	14.1	17.1	9.14	264.7	16.56	15.31	53.45	54.39	30.17	26.07	0	653.3	26.54	4.093	-0.013	12.48
1/27/2011 13:00	13296	10.42	279.6	19.42	17.1	8.69	278.4	22.02	15.31	56.83	57.81	23.2	19.25	0	724.8	26.54	4.092	-0.001	12.58
1/27/2011 14:00	13297	10.73	270	20	18.89	8.84	268.6	22.87	15.31	58.76	59.77	18.44	14.51	0	729.1	26.53	4.083	-0.01	13.08
1/27/2011 15:00	13298	10.24	262.3	19.43	18.89	8.42	259.7	22	17.1	60.11	61.03	16.25	12.38	0	664.7	26.5	4.076	-0.006	12.51
1/27/2011 16:00	13299	10.24	281.8	21.5	18.89	8.51	280.8	24.16	17.1	60.66	61.37	14.47	10.67	0	538.1	26.49	4.064	-0.013	12.55
1/27/2011 17:00	13300	8.23	280	23.27	17.1	6.829	278.9	26.17	15.31	60.9	61.39	14.47	10.74	0	361.6	26.49	4.054	-0.01	12.43
1/27/2011 18:00	13301	6.919	281.3	24.73	11.74	5.359	281.6	27.09	9.95	59.68	59.79	14.8	11.31	0	157.5	26.47	4.042	-0.012	13.27
1/27/2011 19:00	13302	3.5	274.8	23.2	8.16	1.146	276.4	42.57	4.578	53.78	51.16	18.68	17.06	0	6.854	26.44	4.024	-0.018	13.53
1/27/2011 20:00	13303	0.243	329.3	3.363	2.789	1.556	75.25	10.78	4.578	48.7	44.51	22.59	24.3	0	0	26.4	4.015	-0.008	12.26
1/27/2011 21:00	13304	0.667	185.3	5.148	6.368	1.326	73.03	17.6	2.789	45.75	42.28	24.95	25.98	0	0	26.37	4.01	-0.005	12.14
1/27/2011 22:00	13305	0.898	219.7	7.776	6.368	0.061	68.14	4.828	2.789	42.16	36.75	26.52	27.79	0	0	26.36	4.007	-0.003	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/27/2011 23:00	13306	1.718	285.4	13.69	6.368	0.002	302.2	1.172	2.789	40.92	36.32	28.27	29.26	0	0	26.34	4.004	-0.003	12.14
1/28/2011 0:00	13307	2.826	276.1	15.74	4.578	0.011	17.02	0.065	2.789	40.56	33.99	28.81	32.1	0	0	26.33	4.002	-0.002	12.43
1/28/2011 1:00	13308	3.282	281.3	13.51	6.368	0.803	340.4	32.54	4.578	39.97	34.17	29.44	32.37	0	0	26.33	4.002	0	12.77
1/28/2011 2:00	13309	4.979	291.3	8.09	6.368	2.516	314.5	5.935	4.578	39.84	35.15	30.44	31.88	0	0	26.32	3.999	-0.003	12.15
1/28/2011 3:00	13310	4.044	278.9	9.88	6.368	0.828	311.6	9.83	4.578	39.85	34.29	31.35	33.78	0	0	26.31	3.999	0	12.2
1/28/2011 4:00	13311	5.329	301.1	14.64	8.16	0.88	300.2	14.74	4.578	38.13	31.42	33.35	36.22	0	0	26.3	4.002	0.003	12.12
1/28/2011 5:00	13312	5.983	312.1	4.188	8.16	0.492	322.9	4.707	4.578	37.18	28.84	33.48	38.3	0	0	26.28	4.002	0	14.58
1/28/2011 6:00	13313	5.605	312.3	9.13	8.16	0.627	312.8	6.728	4.578	38.86	31.07	31.55	36.02	0	0	26.26	4.002	0	12.3
1/28/2011 7:00	13314	4.12	329.9	11.49	6.368	0.082	27.23	14.33	2.789	35.02	27.98	35	40.4	0	0	26.26	3.999	-0.003	12.7
1/28/2011 8:00	13315	2.554	283.3	44.95	8.16	1.083	166.7	27.73	6.368	31.23	25.45	38.57	41.11	0	4.3	26.26	4	0.001	12.16
1/28/2011 9:00	13316	4.955	311.1	13.69	11.74	2.999	303.5	56.36	8.16	35.88	32.42	32.49	32.69	0	139.3	26.27	4.002	0.003	12.13
1/28/2011 10:00	13317	7.677	314.5	9.86	11.74	6.346	313.8	11	9.95	46.16	46.18	22.71	19.59	0	346.2	26.35	3.997	-0.006	12.56
1/28/2011 11:00	13318	8.24	302.2	15.62	13.52	6.961	302.9	18.62	11.74	52.57	52.94	18.3	14.91	0	527.5	26.44	3.973	-0.024	12.87
1/28/2011 12:00	13319	6.476	259.7	27.5	11.74	5.306	259.1	30.81	9.95	59.06	59.71	14.39	10.79	0	659.6	26.47	3.965	-0.008	12.86
1/28/2011 13:00	13320	7.831	235.2	21.46	17.1	6.107	233.8	22.83	15.31	63.26	64.29	9.2	5.458	0	730.3	26.48	3.955	-0.01	14.87
1/28/2011 14:00	13321	9.11	238.7	18.54	18.89	7.232	238.4	22.14	13.52	64.83	65.92	7.3	3.433	0	734.6	26.45	3.946	-0.01	12.97
1/28/2011 15:00	13322	8.55	231.4	21.86	15.31	6.508	231.1	22.83	13.52	66.93	68.21	6.16	2.236	0	668.3	26.43	3.936	-0.01	12.96
1/28/2011 16:00	13323	9.59	217	21.06	18.89	7.17	217.8	22.97	17.1	67.54	68.68	5.879	2.114	0	540.2	26.42	3.923	-0.013	13.11
1/28/2011 17:00	13324	10.48	187.1	16.01	15.31	7.213	188.4	19.97	13.52	66.41	67.78	6.463	2.45	0	367.9	26.4	3.905	-0.019	15.35
1/28/2011 18:00	13325	9.85	193.6	10.6	17.1	6.24	194.4	14.97	11.74	64.29	64.59	4.782	1.693	0	165.4	26.37	3.892	-0.012	15.32
1/28/2011 19:00	13326	7.344	173.4	8.99	9.95	2.789	150.1	18.97	4.578	57.41	52.53	6.021	4.059	0	7.223	26.33	3.884	-0.008	12.81
1/28/2011 20:00	13327	6.821	153.1	5.444	8.16	2.876	107.2	9.09	4.578	51.49	46.07	9.19	7.404	0	0	26.28	3.876	-0.008	13.73
1/28/2011 21:00	13328	3.982	167.3	14.53	8.16	0.221	127.8	13.3	4.578	46.15	41.98	12.95	11.47	0	0	26.25	3.87	-0.006	13.03
1/28/2011 22:00	13329	5.656	167.2	8.29	8.16	0.372	167.4	5.557	4.578	44.09	39.24	15.51	14.52	0	0	26.23	3.871	0.001	14.3
1/28/2011 23:00	13330	5.369	161.2	5.946	8.16	1.336	112.7	4.84	4.578	42.65	37.64	17.88	16.9	0	0	26.21	3.865	-0.006	12.39
1/29/2011 0:00	13331	3.8	168.6	14.52	8.16	1.274	101.1	20.95	4.578	42.66	36.44	19.82	19.78	0	0	26.19	3.861	-0.003	12.72
1/29/2011 1:00	13332	5.378	181.4	19.8	9.95	1.26	118.7	11.7	4.578	40.37	33.83	22.97	24.24	0	0	26.18	3.859	-0.003	12.35
1/29/2011 2:00	13333	6.636	186.7	18.79	9.95	1.017	140.7	24.86	4.578	41.54	32.51	25.09	27.95	0	0	26.16	3.859	0.001	14.86
1/29/2011 3:00	13334	2.868	205.3	23.57	6.368	0.708	35.48	35.85	4.578	39.5	34.51	26.94	27.72	0	0	26.14	3.856	-0.003	12.48
1/29/2011 4:00	13335	1.251	170.1	13.52	4.578	0.968	82.3	11.99	4.578	38.2	34.16	28.83	29.2	0	0	26.13	3.86	0.003	12.43
1/29/2011 5:00	13336	2.212	271.9	53.17	6.368	1.375	40.02	50.39	4.578	36.92	31.18	30.77	32.35	0	0	26.12	3.86	0	12.48
1/29/2011 6:00	13337	1.225	213.5	25.74	4.578	1.295	99.2	25.91	4.578	33.78	27.23	33.57	35.53	0	0	26.12	3.86	0	12.35
1/29/2011 7:00	13338	1.901	208.3	19.52	6.368	0.776	99.4	19.36	4.578	33.01	27.05	34.01	36.4	0	0	26.11	3.86	0	12.29
1/29/2011 8:00	13339	2.08	291.5	22.73	8.16	0.779	339.7	35.16	4.578	32.12	26.49	34.9	36.86	0	4.258	26.11	3.86	0	12.28
1/29/2011 9:00	13340	4.786	304.8	16.6	8.16	1.527	295.2	21.02	6.368	37.23	34.39	30.08	28.39	0	131.5	26.13	3.859	-0.001	12.67
1/29/2011 10:00	13341	5.586	270.1	13.56	9.95	4.847	268	15.68	8.16	46.68	46.88	21.66	18.11	0	340.7	26.2	3.857	-0.002	12.87
1/29/2011 11:00	13342	7.951	261.1	15.79	15.31	6.565	259.6	16.75	11.74	55.51	56.11	16.21	12.61	0	519.7	26.28	3.833	-0.024	13.11
1/29/2011 12:00	13343	10.97	215.3	15.74	17.1	8.06	215.6	17.1	15.31	62.71	64.16	12.87	8.93	0	649.6	26.33	3.826	-0.008	13.23
1/29/2011 13:00	13344	15.44	236	19.05	29.63	11.72	235.7	19.81	24.26	66.22	67.41	11.23	7.371	0	718.6	26.33	3.803	-0.023	12.84
1/29/2011 14:00	13345	19.9	254.2	13.65	31.42	15.66	252.6	14.64	26.05	67.96	69.01	10.21	6.735	0	721	26.29	3.778	-0.025	15.04
1/29/2011 15:00	13346	20.64	258.3	11.82	33.21	16.44	256.6	12.86	27.84	68.79	69.73	9.39	5.685	0	655.4	26.26	3.759	-0.019	15.04
1/29/2011 16:00	13347	18.84	255.6	14.94	29.63	14.84	253.4	15.91	26.05	69.61	70.37	9.04	5.285	0	524.6	26.25	3.73	-0.029	14.85
1/29/2011 17:00	13348	19.74	262.9	11.13	31.42	15.61	261.3	12.25	26.05	69.43	69.86	7.502	3.811	0	354.3	26.24	3.696	-0.035	13.77
1/29/2011 18:00	13349	16.36	266.1	10.6	26.05	12.76	264.1	11.77	22.47	67.84	67.8	7.049	3.462	0	153.9	26.23	3.689	-0.006	13.03
1/29/2011 19:00	13350	12.23	261.2	9.21	20.68	9.09	259	10.02	15.31	62.77	61.91	9.33	6.05	0	3.373	26.22	3.652	-0.037	12.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/29/2011 20:00	13351	13.02	264.6	10.28	20.68	9.82	262.3	10.62	17.1	59.93	59.02	12.23	9.06	0	0	26.22	3.646	-0.006	12.59	
1/29/2011 21:00	13352	6.984	227.8	17.69	15.31	3.464	227.1	18.13	9.95	53.54	51.39	16.38	13.99	0	0	26.2	3.64	-0.006	12.8	
1/29/2011 22:00	13353	4.895	227.4	16.57	8.16	1.417	229.2	31.65	4.578	47.21	44.3	20.98	19.27	0	0	26.18	3.638	-0.002	13.12	
1/29/2011 23:00	13354	2.906	242.6	13.07	6.368	0.409	235	5.712	4.578	45.57	42.66	23.42	21.93	0	0	26.16	3.635	-0.003	12.11	
1/30/2011 0:00	13355	4.007	234.9	13.33	6.368	0.569	228.7	36.29	2.789	44.69	40.08	24.69	24.6	0	0	26.15	3.633	-0.003	12.87	
1/30/2011 1:00	13356	3.267	197.2	23.29	6.368	0.292	118.2	12.92	2.789	42.85	37.56	26.48	27.36	0	0	26.13	3.63	-0.003	12.53	
1/30/2011 2:00	13357	5.436	181.1	12.71	9.95	1.15	153	12.13	6.368	39.89	35.6	29.81	29.58	0	0	26.11	3.63	0	12.06	
1/30/2011 3:00	13358	4.462	200.7	10.43	8.16	0.459	175.6	3.893	4.578	38.99	33.94	31.15	32.12	0	0	26.1	3.63	0	12.51	
1/30/2011 4:00	13359	4.381	224.9	18.84	8.16	0.618	311.5	12.63	4.578	37.83	32.41	32.96	34.19	0	0	26.1	3.631	0.001	15.23	
1/30/2011 5:00	13360	5.283	303.2	24.92	9.95	2.761	328.7	6.064	8.16	38.85	34.66	31.02	32.39	0	0	26.1	3.628	-0.003	12.78	
1/30/2011 6:00	13361	10.2	328.8	5.283	15.31	7.438	326.9	7.923	11.74	38.27	36.97	33.46	30.8	0	0	26.12	3.62	-0.007	12.61	
1/30/2011 7:00	13362	9.64	332.5	12.15	18.89	7.185	328	13.67	15.31	34.64	33.95	50.64	46.81	0	0	26.15	3.617	-0.003	12.31	
1/30/2011 8:00	13363	12.69	352.1	10.19	22.47	9.31	350.2	12.27	20.68	35.76	35.35	59.2	55.57	0	4.361	26.19	3.614	-0.003	15.16	
1/30/2011 9:00	13364	16.38	2.307	8.58	26.05	12.12	0.991	11.56	24.26	36.18	36.11	59.6	55.32	0	136.5	26.21	3.614	0	12.67	
1/30/2011 10:00	13365	16.56	10.18	12.6	27.84	12.14	9.65	14.5	24.26	38.2	38.6	58.95	54.07	0	340.6	26.27	3.613	-0.001	12.58	
1/30/2011 11:00	13366	10.3	19.69	15.48	20.68	7.112	18.73	17.97	17.1	41.26	42.11	54.6	49.41	0	522.1	26.33	3.609	-0.004	12.88	
1/30/2011 12:00	13367	6.932	359.8	24.7	13.52	5.38	357.5	26.1	13.52	45.54	46.5	47.65	42.6	0	655.6	26.38	3.602	-0.007	13.02	
1/30/2011 13:00	13368	6.663	311.4	27.23	13.52	5.507	311.4	29.38	11.74	49.61	50.33	42.15	37.45	0	727.6	26.4	3.595	-0.007	13.22	
1/30/2011 14:00	13369	5.41	330.4	38.61	11.74	4.253	333.8	38.4	11.74	54.02	54.74	35.8	31.53	0	732.3	26.39	3.588	-0.007	12.96	
1/30/2011 15:00	13370	4.756	294.4	41.75	11.74	3.758	293.5	40.64	11.74	58.26	58.88	30.44	26.33	0	666.9	26.37	3.582	-0.006	12.89	
1/30/2011 16:00	13371	3.503	222.7	59.69	9.95	2.63	222.6	55.35	8.16	62.77	63.04	25.68	22.1	0	536.9	26.36	3.578	-0.004	14.04	
1/30/2011 17:00	13372	4.368	211.3	46	9.95	3.246	214.6	46.38	8.16	64.81	65.32	22.14	18.51	0	363.2	26.34	3.568	-0.01	13.17	
1/30/2011 18:00	13373	5.676	202.8	19.63	9.95	3.657	202	20.88	8.16	63.69	64.27	21.63	18.02	0	166.9	26.32	3.56	-0.009	14.39	
1/30/2011 19:00	13374	5.692	173.3	23.08	8.16	2.37	145.3	35.51	4.578	57.84	54.96	24.27	23.06	0	10.43	26.29	3.548	-0.012	12.8	
1/30/2011 20:00	13375	7.624	110.6	14.73	9.95	3.64	84.1	11.66	6.368	50.04	45.47	32.73	32.95	0	0	26.24	3.539	-0.008	12.95	
1/30/2011 21:00	13376	6.929	116.8	8.43	9.95	2.951	90	14.98	6.368	45.22	41.79	39.54	39.32	0	0	26.19	3.533	-0.006	12.73	
1/30/2011 22:00	13377	6.946	137.4	10.93	11.74	2.557	130.5	21.34	6.368	43.17	40.49	42.98	42.14	0	0	26.18	3.531	-0.002	12.12	
1/30/2011 23:00	13378	2.476	172.5	33.71	6.368	0.528	266.9	32.99	6.368	40.61	37.63	46.26	45.87	0	0	26.17	3.528	-0.003	12.51	
1/31/2011 0:00	13379	2.814	145.1	20.42	6.368	0.933	77.4	33.55	4.578	40.98	37.87	46.47	46.31	0	0	26.15	3.525	-0.003	12.13	
1/31/2011 1:00	13380	4.351	185.1	14.63	11.74	0.515	116.3	7.384	2.789	41.51	37.1	44.38	47.1	0	0	26.14	3.522	-0.003	12.18	
1/31/2011 2:00	13381	2.382	169.5	21.75	4.578	0.692	81	19.93	4.578	40.22	37.21	45.52	45.85	0	0	26.12	3.516	-0.006	12.3	
1/31/2011 3:00	13382	4.376	160.9	13.14	9.95	1.016	91.1	19.36	4.578	39.46	36.07	47.19	47.93	0	0	26.11	3.516	0	12.31	
1/31/2011 4:00	13383	2.493	154.1	23.44	6.368	0.025	88.5	2.375	2.789	38.17	35.87	49.07	48.38	0	0	26.1	3.512	-0.003	12.33	
1/31/2011 5:00	13384	1.427	219	18.45	4.578	0.05	332.7	0.665	2.789	38.01	34.94	49.08	49.4	0	0	26.1	3.513	0	12.31	
1/31/2011 6:00	13385	3.375	293.9	13.71	6.368	0.65	334.9	5.631	2.789	38.76	34.42	48.02	49.87	0	0	26.08	3.513	0	12.29	
1/31/2011 7:00	13386	3.206	298.4	19.05	6.368	0.433	134.7	23.74	2.789	37.86	31.08	49.53	52.26	0	0	26.07	3.517	0.004	12.86	
1/31/2011 8:00	13387	1.263	134.4	38.57	4.578	2.091	84.1	25.72	4.578	35.86	29.24	51.6	55.77	0	4.956	26.07	3.517	0	12.31	
1/31/2011 9:00	13388	3.281	161.8	28.9	6.368	1.017	96.7	35.76	4.578	41.37	39.52	43.55	42.49	0	138.6	26.09	3.509	-0.007	12.17	
1/31/2011 10:00	13389	4.475	210.4	15.19	9.95	3.356	215	15.91	8.16	48.36	48.92	34.75	30.82	0	343	26.17	2.683	-0.826	12.17	
1/31/2011 11:00	13390	7.578	205.1	14.3	11.74	5.778	207.5	17.7	9.95	55.19	56.33	27.37	23.33	0	522.3	26.23	-2.045	-4.728	15.15	
1/31/2011 12:00	13391	8.12	216.6	16.98	15.31	6.098	217.8	19.95	11.74	60.55	61.85	24.96	20.79	0	652.6	26.25	-2.076	-0.031	13.1	
1/31/2011 13:00	13392	7.616	221.3	27.24	13.52	5.885	221	27.95	11.74	64.79	66.1	22.29	18.16	0	721.6	26.24	9.43	11.51	12.32	
1/31/2011 14:00	13393	6.898	222.2	38.22	15.31	5.464	224.5	40.81	13.52	66.83	67.94	20.94	16.97	0	688.8	26.21	9.43	0	14.92	
1/31/2011 15:00	13394	8.31	215.8	32.28	17.1	6.33	218.1	32.17	15.31	66.76	67.9	19.35	15.42	0	489.8	26.16	9.43	0	13.01	
1/31/2011 16:00	13395	9.47	235.9	20.34	17.1	7.355	236.1	22.73	15.31	67.38	68.26	16.23	12.39	0	526.2	26.12	9.43	0	15.09	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/31/2011 17:00	13396	9.16	225.2	24.93	17.1	6.905	225.4	25.2	15.31	67.12	67.67	16.93	13.28	0	293.6	26.1	9.44	0.001	13.06
1/31/2011 18:00	13397	4.045	199.3	23.97	11.74	2.495	204.3	25.81	9.95	64.59	64.09	18.61	15.65	0	55.57	26.08	9.43	-0.003	14.49
1/31/2011 19:00	13398	18.84	359.6	68.77	40.36	12.1	358.7	68.48	33.21	53.08	52.81	37.53	33.69	0	1.331	26.09	9.39	-0.041	12.43
1/31/2011 20:00	13399	24.88	35.77	11.19	38.57	14.05	33.44	12.56	27.84	38.88	39.19	62.1	57.19	0	0	26.09	9.34	-0.048	13.36
1/31/2011 21:00	13400	23.55	25.25	11.51	38.57	15.37	23.96	13.16	33.21	34.24	34.57	69.62	64.38	0	0	26.12	9.32	-0.019	12.08
1/31/2011 22:00	13401	22.76	39.05	10.44	36.78	12.82	36.05	12.65	27.84	31.07	31.15	79.58	75.61	0	0	26.11	9.32	-0.009	12.18
1/31/2011 23:00	13402	20.29	47.76	10.28	31.42	11.97	45.56	14.52	24.26	28.48	28.6	83.2	78.57	0	0	26.11	9.32	0.003	12.49
2/1/2011 0:00	13403	17.5	56.7	8.96	27.84	11.08	54.48	14.95	22.47	26.9	27.05	85.8	80.7	0.01	0	26.1	9.32	0.001	12.33
2/1/2011 1:00	13404	14.72	34.56	13.79	29.63	8.64	33.17	15.21	20.68	25.98	26.14	84.5	79.81	0	0	26.11	9.32	0	14.13
2/1/2011 2:00	13405	18.46	25.96	10.29	31.42	12.08	24.03	12.32	27.84	23.45	23.62	79.38	76.15	0	0	26.13	9.32	0	12.69
2/1/2011 3:00	13406	18.12	26.24	10.75	36.78	11.57	25.1	12.7	27.84	20.47	20.65	76.48	73.66	0	0	26.16	9.32	-0.001	12.16
2/1/2011 4:00	13407	21.27	11.78	12.27	33.21	16.11	11.41	12.42	31.42	18.39	18.67	70.26	67.27	0	0	26.17	9.32	0.001	12.33
2/1/2011 5:00	13408	21.35	9.57	10.82	34.99	16.22	9.7	11.9	29.63	15.87	16.17	65.6	61.69	0	0	26.17	9.32	0	12.2
2/1/2011 6:00	13409	19.68	7.995	11.65	33.21	14.92	7.456	12.98	31.42	14.09	14.43	64.44	60.4	0	0	26.19	9.32	0	12.36
2/1/2011 7:00	13410	18.73	8.52	11.27	31.42	14.11	8.13	13.27	27.84	13.29	13.63	63.18	59.02	0	0	26.21	9.32	-0.001	14.56
2/1/2011 8:00	13411	18.11	4.514	10.92	34.99	13.74	2.983	13.26	29.63	12.42	12.78	62.98	58.75	0	1.964	26.24	9.32	0.001	15.16
2/1/2011 9:00	13412	18.36	6.052	9.94	31.42	13.99	4.819	12.21	27.84	12.13	12.54	62.85	58.64	0	45.35	26.26	9.32	0	12.07
2/1/2011 10:00	13413	15.25	3.752	9.77	24.26	11.72	1.956	12.28	20.68	13.06	13.62	66.83	62.62	0	187.1	26.29	9.32	0	12.27
2/1/2011 11:00	13414	16.16	357.4	11.22	27.84	12.3	355.7	13.52	22.47	14.28	15.06	66.57	62.57	0	282.5	26.31	9.32	0	12.12
2/1/2011 12:00	13415	17.16	4.532	13.95	26.05	13.03	3.421	15.65	24.26	14.17	15.03	60.07	55.83	0	349.9	26.32	9.32	0	12.22
2/1/2011 13:00	13416	16.1	11.81	13.46	26.05	11.81	10.21	15.8	22.47	15.16	16.09	55.62	51.42	0	376.8	26.32	9.32	0	12.5
2/1/2011 14:00	13417	15.89	5.547	12.53	27.84	12.12	3.432	14.88	24.26	15.84	17	54.41	50.11	0	461.7	26.3	9.32	0.002	12.38
2/1/2011 15:00	13418	15.76	8.86	13.41	24.26	11.73	7.561	15.77	20.68	15.87	16.87	55.59	51.1	0	321.2	26.3	9.32	0	12.27
2/1/2011 16:00	13419	15.38	14.17	12.17	26.05	11.47	11.23	13.91	22.47	16.18	16.99	54.78	50.5	0	277.2	26.28	9.32	-0.002	12.4
2/1/2011 17:00	13420	16.93	20.47	12.4	26.05	11.72	18.46	14.09	24.26	15.71	16.31	54.25	50.25	0	165.8	26.27	9.32	0.001	12.66
2/1/2011 18:00	13421	16.11	31.19	12.44	26.05	9.64	28.54	14.76	20.68	15.19	15.6	53.51	49.56	0	53.67	26.27	9.32	0	13.19
2/1/2011 19:00	13422	15.32	23.89	11.63	24.26	10.01	21.34	13.79	20.68	13.49	13.85	57.93	53.46	0	3.435	26.3	9.32	0	12.15
2/1/2011 20:00	13423	15.41	23.23	10.46	24.26	10.52	19.96	12.98	20.68	12.2	12.53	62.45	57.73	0	0	26.32	9.32	-0.001	12.33
2/1/2011 21:00	13424	16.84	25	10.43	27.84	10.99	22.31	12.73	22.47	11.1	11.41	61.99	57.49	0	0	26.33	9.32	0	12.13
2/1/2011 22:00	13425	18.36	19.15	9.56	27.84	13.28	16.39	11.51	26.05	10.18	10.49	63.47	58.75	0	0	26.36	9.32	0	12.21
2/1/2011 23:00	13426	16.46	19.43	11.18	27.84	11.66	17.14	12.61	22.47	9.15	9.4	66.32	62.48	0	0	26.38	9.32	0	12.33
2/2/2011 0:00	13427	15.58	19.86	10.6	27.84	11.24	16.38	12.19	24.26	7.889	8.12	70.76	66.94	0	0	26.4	9.32	-0.003	12.16
2/2/2011 1:00	13428	14.09	25.53	10.61	42.15	9.09	22.65	12.6	29.63	7.231	7.404	69.42	65.92	0	0	26.41	9.31	-0.002	12.38
2/2/2011 2:00	13429	14.81	26.9	10.63	26.05	9.36	24.45	12.98	22.47	6.733	6.886	67.41	64.03	0	0	26.41	9.3	-0.012	12.31
2/2/2011 3:00	13430	13.03	23.9	11.16	22.47	8.71	21.16	12.82	18.89	6.144	6.328	69.48	65.37	0	0	26.41	9.29	-0.006	12.12
2/2/2011 4:00	13431	13.07	26.53	10.84	20.68	8.27	24.36	12.75	18.89	5.729	5.889	69.56	65.75	0	0	26.41	9.29	-0.006	12.05
2/2/2011 5:00	13432	12.82	22.95	10.98	22.47	8.73	20.15	12.94	17.1	4.961	5.145	70.91	67.09	0	0	26.41	9.29	-0.003	12.16
2/2/2011 6:00	13433	15.1	28.08	11.16	26.05	9.57	24.85	13.14	18.89	4.215	4.327	67.04	65.05	0	0	26.42	9.29	0.001	12.27
2/2/2011 7:00	13434	13.14	29.04	11.04	22.47	8.01	26.66	13.23	18.89	3.922	4.051	68.3	65.23	0	0	26.43	9.29	0	12.61
2/2/2011 8:00	13435	14.12	31.38	11.09	24.26	8.4	28.73	13.09	18.89	3.159	3.272	67.37	64.69	0	2.495	26.44	9.29	0	12.11
2/2/2011 9:00	13436	14.62	34.3	10.75	24.26	8.29	32.26	12.53	22.47	2.919	3.077	66.52	63.65	0	68.4	26.45	9.29	0	12.18
2/2/2011 10:00	13437	15.56	33.63	11.3	24.26	9.1	30.5	13.26	22.47	4.475	5.088	62.85	59.36	0	311.6	26.47	9.29	-0.001	12.3
2/2/2011 11:00	13438	15	31.17	13.55	24.26	9.31	28.12	15.3	20.68	5.84	6.777	62.05	57.71	0	376.2	26.51	9.29	0.001	12.1
2/2/2011 12:00	13439	14.48	32.57	13.18	22.47	8.97	29.09	15.84	17.1	6.956	7.935	62.8	59	0	410.8	26.52	9.28	-0.003	12.18
2/2/2011 13:00	13440	14.71	35.7	12.45	22.47	8.52	33.37	14.94	18.89	8.44	9.78	60.67	57.07	0	544.7	26.52	9.28	0	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/2/2011 14:00	13441	14.43	35.01	13.48	22.47	8.78	31.63	16.12	20.68	9.78	11.07	60.11	56.2	0	533	26.5	9.28	-0.003	12.33
2/2/2011 15:00	13442	13.48	35.24	13.49	20.68	8.12	31.37	16.04	18.89	11.03	12.18	60.84	56.97	0	442.6	26.49	9.28	0	14.39
2/2/2011 16:00	13443	14.04	39.15	11.78	24.26	7.94	34.78	14.12	15.31	11.03	11.95	63.11	59.07	0	300.4	26.48	9.28	-0.003	12.07
2/2/2011 17:00	13444	15.31	37.46	11.25	24.26	8.51	33.45	13.71	20.68	10.66	11.3	65.36	61.61	0	202.4	26.46	9.28	0	14.56
2/2/2011 18:00	13445	14.9	37.41	10.86	24.26	8.11	33.93	12.63	18.89	10.42	10.73	64.78	60.75	0	73.38	26.47	9.28	0.001	12.55
2/2/2011 19:00	13446	12.26	31.89	11.12	22.47	7.11	30.17	13.18	17.1	9.81	9.94	68.74	64.27	0	4.016	26.48	9.28	-0.002	12.38
2/2/2011 20:00	13447	12.76	23.81	10.49	18.89	8.6	20.87	12.71	17.1	9.03	9.2	70.37	66.03	0	0	26.49	9.28	0	12.15
2/2/2011 21:00	13448	11.58	16.95	9.2	17.1	8.83	15.05	10.46	17.1	7.812	8.02	70.67	66.01	0	0	26.5	9.28	0	12.4
2/2/2011 22:00	13449	11.18	16.3	9.29	17.1	8.5	14.9	9.82	15.31	7.249	7.442	71.65	66.8	0	0	26.5	9.28	0.001	12.08
2/2/2011 23:00	13450	14.44	19.79	8.85	22.47	10.62	16.52	10.67	20.68	7.047	7.212	70.65	66.13	0	0	26.5	9.28	0	12.17
2/3/2011 0:00	13451	12.94	25.6	9.43	20.68	8.17	23.54	11.65	17.1	6.773	6.916	70.06	65.61	0	0	26.5	9.28	0	12.78
2/3/2011 1:00	13452	11.73	23.19	9.79	29.63	8.03	19.65	11.85	18.89	6.655	6.836	68.81	64.11	0	0	26.51	9.28	0	12.21
2/3/2011 2:00	13453	10.19	20.8	9.76	15.31	7.337	17.01	12.04	15.31	6.476	6.67	67.68	62.92	0	0	26.5	9.28	0	12.99
2/3/2011 3:00	13454	10.7	26.23	11.15	17.1	6.838	22.96	13.54	13.52	6.937	7.098	67.25	62.74	0	0	26.49	9.28	0	12.07
2/3/2011 4:00	13455	11.62	39.56	10.48	20.68	6.224	35.47	13.27	13.52	7.121	7.196	68.24	63.94	0	0	26.47	9.28	0	12.34
2/3/2011 5:00	13456	12.1	32.96	11.67	20.68	7.121	30.5	13.38	18.89	6.712	6.773	70.24	65.88	0	0	26.46	9.28	0	12.14
2/3/2011 6:00	13457	10.62	32.37	11.34	18.89	6.21	29.8	14.23	13.52	6.747	6.835	70.98	66.64	0	0	26.45	9.28	0	12.17
2/3/2011 7:00	13458	9.36	25.38	10.88	17.1	6.229	21.98	12.99	13.52	6.739	6.848	71.78	67.45	0	0	26.45	9.28	0	12.04
2/3/2011 8:00	13459	9.93	27.24	10.33	17.1	6.156	24.67	11.87	13.52	5.913	5.881	69.97	66.12	0	3.384	26.45	9.28	-0.003	12.19
2/3/2011 9:00	13460	9.2	15.33	13.89	17.1	6.532	12.61	15.71	13.52	5.416	5.543	70.22	65.84	0	88.2	26.46	9.28	0.004	12.13
2/3/2011 10:00	13461	12.84	10.62	11.29	18.89	9.6	9.18	13.04	17.1	7.243	7.718	64.87	61.12	0	301.1	26.48	9.28	-0.002	15.41
2/3/2011 11:00	13462	12.35	27.06	13.07	20.68	8.12	24.48	14.75	15.31	9.34	10.27	58.95	54.4	0	470.5	26.51	9.28	0	13.54
2/3/2011 12:00	13463	11.63	27.54	15.32	18.89	7.628	24.31	16.85	18.89	11.52	12.75	55.8	50.96	0	624.9	26.53	9.28	-0.002	12.58
2/3/2011 13:00	13464	11.21	28.3	16.72	17.1	7.404	25.01	17.98	17.1	13.44	15.02	53.57	48.66	0	762.9	26.53	9.27	-0.001	12.59
2/3/2011 14:00	13465	10.93	16.15	16.2	18.89	7.938	13.28	18.01	17.1	14.21	15.64	53.98	49.24	0	652.4	26.5	9.27	-0.002	12.35
2/3/2011 15:00	13466	10.66	5.516	15.3	17.1	8.23	3.248	17.27	15.31	14.8	15.94	55.12	50.26	0	515.8	26.46	9.27	0.002	12.13
2/3/2011 16:00	13467	11.03	359.4	14.65	18.89	8.68	357.4	16.83	17.1	15.97	17.02	53	48.14	0	460.3	26.44	9.27	-0.003	12.36
2/3/2011 17:00	13468	10.08	9.13	12.88	17.1	7.598	6.393	15.39	15.31	15.82	16.56	53.56	48.96	0	231.7	26.4	9.27	0	12.21
2/3/2011 18:00	13469	9.3	354.5	13.24	15.31	7.311	351.8	16.07	11.74	15.38	15.9	55.34	50.91	0	78.74	26.38	9.27	-0.001	12.38
2/3/2011 19:00	13470	8.07	345.7	11.23	13.52	6.416	343.3	13.07	9.95	14.94	15.28	56.35	52.26	0	4.699	26.37	9.27	0.001	15.08
2/3/2011 20:00	13471	8.63	321.6	8.72	13.52	7.131	321.2	9.86	11.74	14.54	14.8	56.35	52.47	0	0	26.36	9.27	0	12.31
2/3/2011 21:00	13472	5.715	299.3	12.45	9.95	4.715	301.7	12.49	8.16	14.55	14.78	55.83	52.11	0	0	26.36	9.27	0	12.1
2/3/2011 22:00	13473	5.889	290.6	7.934	9.95	4.904	294.1	10.33	9.95	14.5	14.7	57.85	53.91	0	0	26.36	9.27	0	12.19
2/3/2011 23:00	13474	7.263	300.1	9.13	11.74	6.027	302.8	10.01	9.95	14.24	14.43	60.09	55.93	0	0	26.35	9.27	-0.003	12.32
2/4/2011 0:00	13475	8.08	285.9	10.5	11.74	6.292	288.3	13.8	9.95	12.98	13.18	72.35	67.23	0	0	26.35	9.27	0.001	12.73
2/4/2011 1:00	13476	5.945	269.9	9.61	20.68	3.109	270.8	14.12	13.52	12.32	12.5	76.85	71.96	0	0	26.33	9.27	0.001	12.11
2/4/2011 2:00	13477	5.6	253.9	9.93	9.95	2.271	253.9	17.25	6.368	12.56	12.77	78.27	73.01	0	0	26.31	9.27	0	12.07
2/4/2011 3:00	13478	5.697	268.4	10.32	9.95	2.598	270.3	13.43	6.368	12.44	12.55	78.19	72.99	0	0	26.3	9.27	0	12.05
2/4/2011 4:00	13479	5.458	253.4	10.48	11.74	1.419	257.6	13.07	8.16	11.3	10.91	73.89	70.15	0	0	26.28	9.27	0	12.28
2/4/2011 5:00	13480	4.826	246.4	9.21	6.368	0.197	221.4	3.482	4.578	9.61	7.08	74.3	71	0	0	26.27	9.27	-0.003	12.55
2/4/2011 6:00	13481	4.903	245.2	14.69	6.368	0.318	286.3	8.79	2.789	6.605	3.065	76.48	70.72	0	0	26.24	9.27	0.002	12.1
2/4/2011 7:00	13482	3.368	263.7	19.17	6.368	0.282	303.7	3.83	4.578	3.054	0.663	76.1	69.3	0	0	26.22	9.27	-0.002	13.35
2/4/2011 8:00	13483	4.212	298.1	19.92	8.16	1.715	315.1	33.93	4.578	3.138	0.018	74.13	68.8	0	4.611	26.2	9.27	0.002	12.11
2/4/2011 9:00	13484	4.566	286.3	19.04	6.368	2.142	289.9	15.4	4.578	5.736	5.448	69.67	66.8	0	77.05	26.2	9.27	0	12.3
2/4/2011 10:00	13485	6.334	254.4	16.02	15.31	3.441	253.2	23.91	11.74	12.74	14.35	63.72	58.92	0	209.9	26.24	9.27	0	15.59

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/4/2011 11:00	13486	11.29	278.2	12.75	18.89	7.926	279.3	17.98	15.31	21.1	22.16	49.63	45.5	0	464.3	26.29	9.27	-0.002	12.13
2/4/2011 12:00	13487	12.5	303.3	13.2	18.89	10.58	305.4	14.76	17.1	26.47	26.98	42.96	40.13	0	721.1	26.32	9.26	-0.005	12.45
2/4/2011 13:00	13488	11.76	296	13.35	20.68	9.9	298.3	14.82	18.89	30.12	30.85	44.1	41.56	0	789.7	26.33	9.24	-0.028	12.33
2/4/2011 14:00	13489	14.14	303	15.06	22.47	11.77	303.8	16.76	18.89	33.3	34.34	49.02	45.86	0	784.2	26.31	9.2	-0.038	12.53
2/4/2011 15:00	13490	12.77	318.6	14.38	20.68	10.75	319.1	14.93	18.89	35.59	36.7	50.66	46.89	0	721.8	26.3	9.19	-0.01	12.15
2/4/2011 16:00	13491	12.8	308.6	14	20.68	10.85	310.1	14.78	17.1	36.71	37.47	48.75	44.85	0	587.7	26.3	9.19	0	12.32
2/4/2011 17:00	13492	13.12	304.8	11.56	20.68	10.99	307.3	11.64	20.68	37.71	38.24	46.99	43.17	0	403.5	26.28	9.19	-0.003	12.54
2/4/2011 18:00	13493	11.31	295.3	11.76	18.89	9.33	298	12.75	15.31	39.25	39.19	49.34	45.94	0	191.6	26.26	9.19	0	12.24
2/4/2011 19:00	13494	8.48	267.8	10.57	15.31	4.283	268.9	17.36	13.52	36.02	35.1	55.34	53.45	0	13.01	26.24	9.18	-0.004	12.34
2/4/2011 20:00	13495	5.856	258.1	7.371	9.95	1.33	257.9	11.57	6.368	31.7	30.05	64.15	62.85	0	0	26.21	9.18	-0.002	12.3
2/4/2011 21:00	13496	4.782	260.1	13.57	8.16	0.322	242.2	7.011	2.789	28.39	26.16	71.48	70.65	0	0	26.18	9.18	0	12.33
2/4/2011 22:00	13497	6.261	254.4	5.981	8.16	0.581	234.8	9.24	4.578	28.67	25.5	70.47	71.83	0	0	26.17	9.18	0	12.89
2/4/2011 23:00	13498	6.948	243.3	10.68	11.74	1.071	235.3	15.39	4.578	28.17	24.6	70.67	72.31	0	0	26.16	9.18	0.001	12.1
2/5/2011 0:00	13499	6.585	259.9	6.848	9.95	0.49	267.3	7.728	4.578	27.1	22.88	70.54	73.85	0	0	26.15	9.18	0.001	12.16
2/5/2011 1:00	13500	6.91	261.3	7.008	18.89	1.087	265.2	11.48	4.578	27.46	24.18	65.79	68.93	0	0	26.14	9.18	0	12.09
2/5/2011 2:00	13501	6.252	285.6	9.05	9.95	1.716	287.6	8.73	6.368	26.26	22.51	67.16	69.93	0	0	26.12	9.18	0.001	12.33
2/5/2011 3:00	13502	7.627	295.8	7.861	11.74	4.949	294.1	11.03	8.16	25.02	24.02	69.73	67.75	0	0	26.1	9.18	-0.001	12.7
2/5/2011 4:00	13503	9.29	303.6	7.685	15.31	6.73	304.2	8.27	13.52	25.05	24.33	68.47	65.94	0	0	26.09	9.18	0	12.08
2/5/2011 5:00	13504	10.1	303.8	7.178	13.52	7.447	304.9	7.52	11.74	25.41	24.74	66.14	63.63	0	0	26.07	9.18	-0.001	12.53
2/5/2011 6:00	13505	8.79	304.9	8.43	13.52	6.246	306.3	8.84	9.95	25.47	24.66	64.96	62.6	0	0	26.05	9.18	-0.001	12.2
2/5/2011 7:00	13506	6.701	304.5	10.24	11.74	3.657	307.3	10.97	8.16	25.16	23.73	64.64	63.17	0	0	26.05	9.18	0.001	12.36
2/5/2011 8:00	13507	6.739	297.4	27.38	11.74	3.834	303.1	35.06	8.16	25.07	23.13	64.34	63.84	0	7.36	26.04	9.18	0.001	12.31
2/5/2011 9:00	13508	3.143	278.6	22.15	6.368	0.914	270.6	21.93	4.578	29.24	28.82	58.27	55.13	0	160.1	26.05	9.18	0.002	12.27
2/5/2011 10:00	13509	8.39	268.1	13	20.68	4.882	269.3	18.44	17.1	38.36	39.03	42.83	39.43	0	379.4	26.11	9.18	-0.002	12.36
2/5/2011 11:00	13510	13.6	266.9	11.42	22.47	7.785	267.8	18.67	18.89	44.08	44.87	31.89	29.04	0	571.5	26.15	9.18	-0.003	12.69
2/5/2011 12:00	13511	12.19	247.5	13.44	17.1	6.951	246	25	13.52	47.45	48.82	30.24	26.94	0	708.3	26.17	9.18	0.006	12.61
2/5/2011 13:00	13512	12.42	240.7	15.11	18.89	7.478	238.5	25.06	15.31	50.36	51.92	29.89	26.37	0	780	26.16	9.27	0.084	12.1
2/5/2011 14:00	13513	12.89	246	13.73	22.47	7.387	244.4	24.77	17.1	53.51	55.3	29.21	25.49	0	786.4	26.13	9.39	0.125	13.03
2/5/2011 15:00	13514	14.34	241.8	15.26	24.26	8.49	239.6	25.04	18.89	55.56	57.17	28.2	24.45	0	716.4	26.11	9.43	0.041	12.94
2/5/2011 16:00	13515	14.18	256.1	16.29	24.26	8.21	256.7	25.39	18.89	56.97	58.28	26.98	23.33	0	538.3	26.09	9.43	0	15.25
2/5/2011 17:00	13516	11.36	279.2	16.08	18.89	7.984	281.8	20.4	15.31	56.71	56.99	28.16	25.1	0	257.7	26.07	9.43	0.002	12.74
2/5/2011 18:00	13517	11.31	252.6	10.97	20.68	5.728	252.5	22.7	13.52	54.78	54.37	29.95	27.63	0	64.04	26.05	9.44	0.001	12.94
2/5/2011 19:00	13518	9.89	272.8	14.16	20.68	5.609	277.1	21.75	13.52	50.85	50.13	36.93	34.63	0	9.44	26.03	9.43	-0.002	12.76
2/5/2011 20:00	13519	6.981	279.8	10.19	11.74	3.586	288.3	15.24	8.16	46.26	44.43	43.42	43.05	0	0	26.01	9.44	0.002	12.19
2/5/2011 21:00	13520	8.05	260.4	9.59	15.31	3.768	260.6	18.82	9.95	43.95	42.61	46.94	45.55	0	0	25.99	9.43	-0.003	12.83
2/5/2011 22:00	13521	11.12	263.5	9.93	17.1	6.057	263.9	18.55	11.74	43.77	42.81	47.78	45.75	0	0	25.99	9.43	0	12.33
2/5/2011 23:00	13522	9.34	271.3	13.1	17.1	4.896	273.5	21.53	11.74	42.29	41.11	50.21	48.47	0	0	25.99	9.43	0.002	12.93
2/6/2011 0:00	13523	9.91	305.5	9.62	15.31	7.288	308	9.54	11.74	41.76	40.66	53.35	51.24	0	0	25.99	9.44	0.002	12.23
2/6/2011 1:00	13524	10.17	310.9	11.33	22.47	7.461	313.4	11.18	13.52	37.73	36.86	62.55	59.74	0	0	26	9.44	0	12.57
2/6/2011 2:00	13525	9.64	315.4	8.31	13.52	6.776	313	9.59	9.95	35.8	34.54	68.59	66.01	0	0	26	9.44	0	12.18
2/6/2011 3:00	13526	13.36	342.5	10.99	22.47	9.67	341.3	13.2	17.1	38.58	37.57	67.05	64.44	0	0	25.99	9.44	0	12.13
2/6/2011 4:00	13527	8.73	332.3	25.74	18.89	6.035	332.3	24.3	13.52	38.88	38.17	69.05	65.69	0	0	26.01	9.44	0	12.29
2/6/2011 5:00	13528	5.906	346.5	13.88	9.95	3.36	347	15.33	6.368	38.43	37.69	72.93	69.35	0	0	26.04	9.44	0	12.12
2/6/2011 6:00	13529	5.913	323.3	6.522	8.16	3.211	320.7	8.72	6.368	37.63	36.57	77.18	73.2	0	0	26.05	9.44	0	13.28
2/6/2011 7:00	13530	3.986	315.1	10.96	6.368	0.414	313.1	6.875	4.578	36.41	35.21	80.2	76.01	0	0	26.06	9.44	0	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/6/2011 8:00	13531	7.125	330.1	6.967	11.74	4.985	328.9	9.83	9.95	37.82	37.24	80.8	76.37	0	2.269	26.08	9.44	0	15.53
2/6/2011 9:00	13532	9.78	335.7	10.08	18.89	7.584	334	11.49	15.31	39.05	38.89	80.2	75.16	0	94.5	26.11	9.44	0	12.25
2/6/2011 10:00	13533	13.2	348.9	10.97	20.68	10.05	347	12.79	17.1	41.49	41.87	74.74	69.19	0	263.7	26.17	9.44	0	13.07
2/6/2011 11:00	13534	12.72	354.1	11.99	20.68	9.61	352.1	14.1	18.89	41.29	41.73	73.27	67.74	0	227	26.21	9.44	0	12.62
2/6/2011 12:00	13535	13.97	351.1	13.81	22.47	10.7	349.3	16.17	20.68	41.92	42.63	70.79	64.94	0	373.1	26.23	9.44	0	14.31
2/6/2011 13:00	13536	11.81	356.6	12.14	20.68	9.22	354.5	14.89	17.1	42.17	43.15	70.43	63.93	0	458.1	26.24	9.44	-0.001	12.93
2/6/2011 14:00	13537	11.95	349.7	13.97	18.89	9.34	347.7	15.66	17.1	43.39	44.23	65.92	60.04	0	357.6	26.24	9.43	-0.001	13.14
2/6/2011 15:00	13538	11.8	341.9	18.98	22.47	9.45	340.2	19.85	17.1	45.84	46.97	57.23	51.5	0	546.3	26.25	9.44	0.002	13.04
2/6/2011 16:00	13539	16.74	0.131	20.17	27.84	12.7	358.8	20.16	26.05	40.79	41.59	71.41	64.82	0	253.9	26.3	9.43	-0.002	12.3
2/6/2011 17:00	13540	14.91	18.43	13.82	24.26	10.28	16.22	15.13	20.68	36.53	37	84.3	78.95	0.02	265.2	26.3	9.43	-0.001	12.1
2/6/2011 18:00	13541	14.94	12.67	12.6	26.05	10.87	10.6	13.5	22.47	35.43	35.7	84.4	79.46	0	35.48	26.33	9.44	0.002	12.12
2/6/2011 19:00	13542	16.49	12.46	11.22	27.84	12.29	11.67	11.38	24.26	34.63	34.72	81.8	77.08	0	11.15	26.34	9.44	0.001	12.07
2/6/2011 20:00	13543	14.96	4.195	12.97	24.26	10.84	1.838	11.92	18.89	33.31	33.26	80.6	76.01	0	0	26.37	9.44	0	12.06
2/6/2011 21:00	13544	13.27	359.2	14.69	20.68	9.52	357.9	12.57	17.1	32.28	32.12	77.9	73.6	0	0	26.38	9.43	-0.003	12.26
2/6/2011 22:00	13545	10.16	337.2	11.19	18.89	7.689	335.5	12.35	15.31	31.48	31.12	77.53	73.41	0	0	26.4	9.43	0.002	14.2
2/6/2011 23:00	13546	10.39	332.1	8.81	15.31	7.805	331.3	10.09	11.74	30.12	29.63	78.69	74.67	0	0	26.41	9.44	0.001	12.09
2/7/2011 0:00	13547	10.62	331.2	7.734	17.1	8.12	329.9	9.59	13.52	29.46	28.95	77.64	73.78	0	0	26.42	9.44	0	12.19
2/7/2011 1:00	13548	8.88	314.3	12.62	20.68	6.508	312.4	13.61	18.89	28.6	27.88	77.67	73.78	0	0	26.43	9.44	0	12.21
2/7/2011 2:00	13549	9.31	323.4	6.167	13.52	6.581	322.7	8.42	9.95	27.05	26.25	77.72	74.4	0	0	26.43	9.44	0	12.26
2/7/2011 3:00	13550	8.81	324.7	6.398	13.52	5.954	322.2	8.82	9.95	26.3	25.38	75.22	72.19	0	0	26.43	9.43	-0.003	12.13
2/7/2011 4:00	13551	7.853	332.3	10.57	11.74	5.048	331.5	11.34	9.95	24.91	23.96	76.24	73.05	0	0	26.43	9.43	0.001	12.5
2/7/2011 5:00	13552	7.601	338.2	10.79	11.74	5.041	335.8	14.52	8.16	25	24.09	73.89	70.87	0	0	26.42	9.43	0.001	12.17
2/7/2011 6:00	13553	4.007	290.3	16.06	8.16	0.2	276	5.712	4.578	21.37	20.07	77.87	73.45	0	0	26.42	9.44	0.002	12.28
2/7/2011 7:00	13554	7.388	322.5	13.74	11.74	3.932	321.7	14.83	8.16	21.49	20.39	76.55	73.73	0	0	26.42	9.44	0	12.32
2/7/2011 8:00	13555	6.087	342	27.45	11.74	3.454	345.5	27.7	8.16	22.86	22.04	72.27	68.95	0	8.78	26.41	9.44	0	12.05
2/7/2011 9:00	13556	3.781	306.1	22.89	8.16	2.406	302.7	16.45	6.368	24.7	24.25	70.97	66.34	0	169.5	26.44	9.44	0.001	12.64
2/7/2011 10:00	13557	2.799	309.5	63.7	8.16	1.68	259.9	40.5	6.368	34.45	34.89	63.92	59.13	0	386.2	26.5	9.43	-0.002	12.08
2/7/2011 11:00	13558	5.444	213.2	19.83	11.74	4.164	214.1	22.12	9.95	36.2	37.15	60.27	55.8	0	575.5	26.56	9.44	0	12.09
2/7/2011 12:00	13559	11.42	212.3	14.58	20.68	8.5	213.4	17.39	17.1	39.68	41.15	47.14	43.39	0	713.6	26.56	9.44	0.001	12.34
2/7/2011 13:00	13560	15.06	206.2	12.53	22.47	10.61	206.9	15.81	18.89	41.74	43.73	41.14	36.92	0	784.5	26.52	9.44	0	12.27
2/7/2011 14:00	13561	14.88	210.2	13.86	33.21	10.72	210.2	16.25	26.05	44.04	46.05	37.29	32.97	0	792.5	26.47	9.43	-0.003	12.29
2/7/2011 15:00	13562	14.77	214.4	14.37	24.26	10.49	214.5	17.43	20.68	46.26	48.23	33.61	29.33	0	725.5	26.43	-2.546	-11.98	12.31
2/7/2011 16:00	13563	15.19	214.6	14.16	24.26	10.9	216	16.95	20.68	47.44	48.95	33.62	29.38	0	594.9	26.39	-2.559	-0.013	12.33
2/7/2011 17:00	13564	15.33	205.8	12.47	24.26	10.46	206	15.73	18.89	48.47	49.83	33.32	29.2	0	413.1	26.35	-2.594	-0.035	12.48
2/7/2011 18:00	13565	12.92	199.6	11.49	20.68	8.73	200.7	14.83	15.31	49.01	49.6	32.74	29.34	0	199.5	26.31	-2.641	-0.048	12.3
2/7/2011 19:00	13566	8.71	178.7	7.031	15.31	4.481	180.1	12.57	11.74	44.8	43.55	37.88	36.62	0	15.86	26.28	-2.788	-0.147	12.71
2/7/2011 20:00	13567	8.16	177.2	6.947	13.52	3.657	177.8	12.68	8.16	39.54	37.22	44.24	44.65	0	0	26.23	-2.598	0.19	12.4
2/7/2011 21:00	13568	6.693	158.8	7.834	9.95	2.118	154.6	11.65	6.368	38.16	35.41	44.44	45.51	0	0	26.19	-0.406	2.192	12.39
2/7/2011 22:00	13569	7.292	175.5	14.35	11.74	3.207	186.6	20.84	6.368	36.56	34.07	45.32	46.3	0	0	26.15	0.501	0.907	12.33
2/7/2011 23:00	13570	4.177	189	13.58	11.74	0.946	204.8	11.49	8.16	33.62	31.13	48.61	49.45	0	0	26.12	0.908	0.406	12.22
2/8/2011 0:00	13571	3.102	203.5	17.19	8.16	0.411	191.8	14.11	4.578	31.94	29.29	50.7	52.23	0	0	26.09	1.079	0.172	12.55
2/8/2011 1:00	13572	6.05	197	15.82	13.52	1.855	187.6	21.59	4.578	30.69	27.16	52.83	56.22	0	0	26.06	1.238	0.159	12.44
2/8/2011 2:00	13573	2.857	192.7	28.1	8.16	0.528	196.3	27.31	4.578	29.99	27.08	54.75	56.81	0	0	26.03	1.27	0.032	12.48
2/8/2011 3:00	13574	5.807	187.8	9.15	9.95	1.77	187.9	13.05	4.578	30.68	27.81	54.5	56.29	0	0	26.02	1.314	0.044	12.5
2/8/2011 4:00	13575	5.334	208.6	13.11	8.16	1.151	218.5	14.65	4.578	29.84	26.56	55.88	58.24	0	0	26.02	1.2	-0.114	12.4

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/8/2011 5:00	13576	6.891	189.4	13.34	11.74	2.197	185.5	14.79	6.368	28.48	24.68	60.13	63.17	0	0	26	1.333	0.133	13.46
2/8/2011 6:00	13577	6.062	194.9	12.57	9.95	1.989	200.1	16.83	6.368	28.14	25.84	61.86	62.51	0	0	25.98	1.235	-0.098	12.23
2/8/2011 7:00	13578	8.06	181.8	8.32	15.31	3.741	183.3	12.41	9.95	29.24	26.79	60.21	61.27	0	0	25.97	1.428	0.194	12.42
2/8/2011 8:00	13579	7.692	185.8	8.82	13.52	4.007	190	13.5	9.95	29.65	28.08	60.04	59.31	0	9.34	25.97	1.387	-0.041	12.28
2/8/2011 9:00	13580	7.966	192.4	15.45	18.89	4.785	194.3	19.19	13.52	33.33	33.23	55.49	52.57	0	172.8	25.99	1.628	0.241	12.15
2/8/2011 10:00	13581	12.28	184	9.84	18.89	8.24	186	15.06	15.31	41.55	42.59	42.64	38.74	0	390.3	26.04	-1.802	-3.43	12.13
2/8/2011 11:00	13582	10.72	194.6	12.32	18.89	7.554	196.2	16.07	15.31	49.98	51.6	31.31	27.24	0	579.4	26.1	-2.467	-0.665	12.13
2/8/2011 12:00	13583	10.89	203.9	12.97	17.1	7.948	205.7	16.53	13.52	55.91	57.67	24.8	20.85	0	715.3	26.14	-2.273	0.194	12.77
2/8/2011 13:00	13584	11.06	206.1	16.43	20.68	8.02	207.8	19.28	17.1	61.41	63.37	19.2	15.32	0	785.7	26.16	9.44	11.71	12.72
2/8/2011 14:00	13585	10.22	202.6	18.32	18.89	7.51	205	20.93	15.31	65.08	67.02	15.98	12.11	0	784.8	26.15	9.09	-0.344	12.69
2/8/2011 15:00	13586	16.7	314.8	91.5	38.57	11.58	316.2	89.2	33.21	61.11	62.3	25.18	20.86	0	705.8	26.13	9.09	-0.006	12.69
2/8/2011 16:00	13587	27.96	23.44	9.99	42.15	18.85	21.82	12.55	36.78	42.11	43.1	47.8	42.45	0	559.9	26.1	9.07	-0.012	12.56
2/8/2011 17:00	13588	26.16	23.06	10.67	42.15	17.88	20.91	12.92	36.78	35.69	36.44	49.72	44.54	0	377.9	26.05	9.06	-0.009	12.54
2/8/2011 18:00	13589	27.98	18.46	9.65	43.94	20.47	16.23	11.52	38.57	28.32	28.85	53.2	48.03	0	138.5	26.02	9.05	-0.013	13.65
2/8/2011 19:00	13590	24.9	7.054	10.81	40.36	18.76	5.279	13.69	38.57	21.02	21.49	57.8	52.46	0	9.21	26.04	9.04	-0.009	12.11
2/8/2011 20:00	13591	26.64	4.354	9.4	40.36	19.88	2.46	12.23	34.99	16.11	16.62	59.04	53.53	0	0	26.08	9.04	0	12.12
2/8/2011 21:00	13592	27.72	3.04	8.51	43.94	20.66	1.408	12.13	36.78	13.29	13.78	58.39	52.91	0	0	26.13	9.04	0	12.34
2/8/2011 22:00	13593	27.25	3.96	8.74	42.15	20.36	1.979	12.12	34.99	12.06	12.49	55.07	49.88	0	0	26.16	9.04	0	12.36
2/8/2011 23:00	13594	26.57	2.586	7.94	42.15	19.79	0.655	11.49	33.21	12.37	12.83	53.32	48.13	0	0	26.2	9.05	0.003	13.07
2/9/2011 0:00	13595	23.62	9.68	10.21	38.57	17.83	9.18	12.35	36.78	12.58	12.97	52.2	47.14	0	0	26.22	9.04	-0.003	12.26
2/9/2011 1:00	13596	24.67	14.54	9.86	51.1	18.74	13.54	11.01	36.78	11.97	12.28	55.15	50.01	0	0	26.24	9.04	0	12.54
2/9/2011 2:00	13597	20.63	5.293	9.87	38.57	15.62	3.453	13.55	27.84	11.24	11.64	57.92	52.57	0	0	26.28	9.04	0	12.36
2/9/2011 3:00	13598	19.76	7.344	10.41	33.21	14.97	6.349	12.42	29.63	10.71	11.13	55.96	50.72	0	0	26.3	9.04	0	13.13
2/9/2011 4:00	13599	19.61	3.196	10.32	33.21	14.75	2.269	12.92	27.84	10.1	10.54	57.18	51.77	0	0	26.32	9.04	0	12.05
2/9/2011 5:00	13600	18.12	356.9	9.61	29.63	13.43	354.5	12.99	24.26	9.34	9.78	60.45	54.82	0	0	26.33	9.04	0	12.34
2/9/2011 6:00	13601	16.92	353.6	10.51	29.63	12.69	351.6	13.37	26.05	8.91	9.26	60.73	55.67	0	0	26.35	9.04	0	12.32
2/9/2011 7:00	13602	17.21	355.7	9.84	29.63	12.76	353.4	12.36	24.26	8.66	8.95	55.18	50.28	0	0	26.36	9.04	0	12.14
2/9/2011 8:00	13603	15.91	352.1	9.98	26.05	11.91	349.4	12.63	20.68	7.818	8.05	56.22	51.34	0	8.19	26.39	9.04	0.001	12.13
2/9/2011 9:00	13604	17.43	0.464	9.84	31.42	13.05	358	12.53	24.26	9	9.42	53.68	48.59	0	90.9	26.42	9.04	-0.001	12.57
2/9/2011 10:00	13605	17.29	359.8	10.37	27.84	13.09	357.4	12.94	22.47	10.68	11.43	50.7	45.31	0	246.6	26.45	9.04	0	12.37
2/9/2011 11:00	13606	16.27	0.583	12.2	26.05	12.36	358.9	14.88	20.68	12.92	13.87	47.88	42.33	0	387	26.48	9.03	-0.009	12.26
2/9/2011 12:00	13607	14.82	8.05	12.46	24.26	11.09	6.616	14.46	22.47	17.27	18.41	43.65	38.22	0	722.9	26.5	9.03	-0.003	12.57
2/9/2011 13:00	13608	14.46	3.246	13.33	22.47	10.96	1.888	15.34	20.68	20.28	21.59	41.17	35.65	0	804	26.52	9.02	-0.006	12.4
2/9/2011 14:00	13609	13.87	359	15.7	24.26	10.85	356.4	18.2	20.68	22.92	24.47	39.49	33.83	0	810	26.51	9.02	0	12.59
2/9/2011 15:00	13610	14.47	353.7	16.35	26.05	11.52	351.2	18.04	22.47	25.6	27	37.3	31.94	0	748.4	26.51	9.02	-0.007	12.23
2/9/2011 16:00	13611	14.05	4.777	15.44	22.47	10.6	2.978	17.63	20.68	27.32	28.39	35.29	30.38	0	619.9	26.5	9	-0.018	12.47
2/9/2011 17:00	13612	12.78	10.92	13.32	20.68	9.45	9.92	15.6	18.89	27.85	28.73	34.43	29.72	0	433.9	26.49	9	-0.001	12.26
2/9/2011 18:00	13613	11.85	6.162	12.36	18.89	8.88	4.474	14.5	17.1	27.62	28.15	34.59	30.25	0	215.9	26.48	9	-0.003	12.1
2/9/2011 19:00	13614	9.15	12.05	10.43	15.31	6.799	11.09	11.49	13.52	25.05	25.07	37.84	33.87	0	20.06	26.47	8.99	-0.001	12.55
2/9/2011 20:00	13615	8.91	18.08	9.38	15.31	6.394	14.72	10.28	13.52	21.29	21.24	43.26	39.16	0	0	26.44	8.99	-0.002	12.31
2/9/2011 21:00	13616	3.864	102.6	47.08	11.74	1.281	97.7	36.03	8.16	18.97	17.25	47.73	45.77	0	0	26.42	8.99	0.003	12.36
2/9/2011 22:00	13617	4.079	73.04	21.55	8.16	1.013	71.79	17.55	6.368	17.57	15.22	50.93	49.82	0	0	26.42	8.99	-0.002	12.33
2/9/2011 23:00	13618	5.699	68.87	14.7	8.16	2.216	59.57	11.6	6.368	16.28	12.84	53.93	54.88	0	0	26.41	8.99	-0.001	12.2
2/10/2011 0:00	13619	5.875	61.57	8.16	8.16	2.793	61.96	12.26	6.368	14.98	12.97	56.49	55.51	0	0	26.39	8.99	-0.006	12.22
2/10/2011 1:00	13620	6.527	58.48	8.63	11.74	3.148	54.38	11.01	8.16	14.11	12.81	58.16	56.06	0	0	26.37	8.98	-0.003	12.36

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/10/2011 2:00	13621	2.204	313.6	43.21	6.368	0.002	237.1	0.01	2.789	11.74	9.14	62.32	61.04	0	0	26.36	8.98	-0.003	12.14
2/10/2011 3:00	13622	2.078	334.4	15.95	6.368	0	0	0	0	11.62	8.81	62.2	61.47	0	0	26.33	8.98	0.001	12.21
2/10/2011 4:00	13623	2.145	273.2	30.38	4.578	0	0	0	0	10.43	6.939	64.08	62.36	0	0	26.31	8.98	0.001	12.74
2/10/2011 5:00	13624	1.252	2.88	11.91	4.578	0	0	0	0	10.4	7.223	65.05	64.81	0	0	26.29	8.98	0	12.32
2/10/2011 6:00	13625	0.973	13.36	4.244	6.368	0.003	8.2	0.172	2.789	11.54	9.56	63.2	61.55	0	0	26.28	8.98	-0.001	12.12
2/10/2011 7:00	13626	0	0	0	0	0	0	0	0	10.18	6.074	65.26	64.72	0	0	26.27	8.98	0.001	12.14
2/10/2011 8:00	13627	2.881	241.1	12.44	6.368	0	0	0	0	7.242	5.171	68.05	65.35	0	11.04	26.26	8.98	0	12.05
2/10/2011 9:00	13628	3.25	233.2	31.05	8.16	1.072	217.9	6.984	6.368	11.3	11.3	63.96	58.89	0	175.9	26.27	8.98	0.001	12.19
2/10/2011 10:00	13629	7.4	216	12.83	11.74	5.763	216.2	15.62	9.95	18.21	19.27	54.68	49.12	0	395.7	26.32	8.98	-0.003	13.92
2/10/2011 11:00	13630	8.33	211.9	14.04	13.52	6.457	213.2	17.67	11.74	24.06	25.51	44.61	39.18	0	588.7	26.38	8.98	-0.001	12.1
2/10/2011 12:00	13631	8.88	213.2	15.94	15.31	6.831	214.4	18.98	13.52	29.15	30.87	36.85	31.67	0	731.5	26.41	8.98	-0.003	12.36
2/10/2011 13:00	13632	9.73	203.1	15.73	17.1	7.275	204.8	19.26	15.31	33.41	35.58	30.14	25.07	0	808	26.41	8.95	-0.023	12.58
2/10/2011 14:00	13633	11.98	204	14.49	20.68	8.82	205.4	16.76	17.1	36.41	38.9	25.89	20.78	0	812	26.38	8.95	-0.001	12.41
2/10/2011 15:00	13634	10.9	204	16.46	18.89	8.09	205	18.77	15.31	39.18	41.35	22.61	17.83	0	745.2	26.36	8.96	0.005	14.41
2/10/2011 16:00	13635	9.92	210.9	16.89	18.89	7.483	211.8	19.51	15.31	41.54	43.2	20.7	16.23	0	615.1	26.35	9.03	0.073	13.88
2/10/2011 17:00	13636	9.34	219	15.99	15.31	7.171	218.6	18.47	13.52	42.87	44.03	19.72	15.55	0	433.5	26.34	9.1	0.07	12.37
2/10/2011 18:00	13637	8.47	205.4	13.74	13.52	6.021	206.4	17.06	9.95	42.91	43.68	19.49	15.68	0	217.8	26.33	9.1	0.001	12.2
2/10/2011 19:00	13638	6.934	184.2	13.22	13.52	3.222	173.3	24.51	9.95	38.37	36.11	22.48	21.03	0	20.68	26.31	9.1	-0.001	12.55
2/10/2011 20:00	13639	6.93	171.3	5.234	9.95	1.623	146.3	9.75	4.578	33.88	29	25.58	26.76	0	0	26.27	9.1	0	12.37
2/10/2011 21:00	13640	6.016	167.5	9.47	9.95	0.849	139.9	12.29	4.578	30.7	26.46	28.61	29.51	0	0	26.25	9.1	0	12.6
2/10/2011 22:00	13641	4.399	187.5	13.67	8.16	0.2	129.6	7.511	2.789	28.52	24.96	30.68	31.17	0	0	26.24	9.1	0.001	12.06
2/10/2011 23:00	13642	2.249	186	15.4	6.368	0.002	192.6	0.044	2.789	26.63	23.89	32.25	32.39	0	0	26.24	9.1	0.002	12.38
2/11/2011 0:00	13643	1.561	235.1	22.83	6.368	0.161	77.02	8.8	2.789	25.89	23.06	32.99	33.6	0	0	26.24	9.1	0	12.19
2/11/2011 1:00	13644	4.434	290.2	9.98	8.16	1.389	313.4	13.03	4.578	27.45	23.17	32.76	35.27	0	0	26.24	9.1	0	12.33
2/11/2011 2:00	13645	5.064	284.2	8.74	8.16	2.18	310.4	16.38	4.578	27.77	22.86	33.92	37.22	0	0	26.24	9.1	0	14.11
2/11/2011 3:00	13646	4.489	296.6	12.88	6.368	0.466	307.6	7.837	2.789	27.57	22.12	34.47	38.6	0	0	26.24	9.1	0	15.19
2/11/2011 4:00	13647	4.271	320.9	16.51	6.368	0.352	9.6	20.07	4.578	26.51	19.84	35.45	41.5	0	0	26.24	9.1	-0.003	12.18
2/11/2011 5:00	13648	2.773	323.8	23.68	6.368	1.019	95.6	24.04	4.578	25.01	16.58	37.59	46.93	0	0	26.23	9.1	0	12.31
2/11/2011 6:00	13649	1.869	270.9	18.88	4.578	0.443	56.69	30	2.789	23.33	15.54	40.06	49.32	0	0	26.23	9.1	0.003	12.56
2/11/2011 7:00	13650	3.503	290.2	26.42	6.368	0.071	82.7	5.015	2.789	22.15	14.35	43.28	51.39	0	0	26.24	9.1	0	12.29
2/11/2011 8:00	13651	5.176	303.4	8.44	6.368	0.418	311	4.549	2.789	24.77	17.14	38.15	47.43	0	12.83	26.25	9.1	0	12.41
2/11/2011 9:00	13652	4.003	306.1	17.77	6.368	1.895	300.4	13.71	4.578	27.37	25.75	38.6	37.9	0	187.9	26.3	9.1	-0.001	12.35
2/11/2011 10:00	13653	4.438	240.2	30.47	9.95	3.184	239.5	30.52	8.16	36.6	37.25	29.51	25.78	0	407.8	26.4	9.1	0	12.66
2/11/2011 11:00	13654	8.55	215.1	10.83	13.52	6.512	216.5	13.76	11.74	43.59	44.89	23.23	19.34	0	602.2	26.48	9.08	-0.017	12.84
2/11/2011 12:00	13655	10.96	210.5	11.54	17.1	8.12	211.9	14.5	13.52	48.1	49.93	20.56	16.32	0	745.1	26.52	9.09	0.006	12.58
2/11/2011 13:00	13656	10.58	211.9	12.86	17.1	7.886	213.2	16.15	13.52	52.32	54.23	17.45	13.23	0	823	26.54	9.09	-0.003	12.9
2/11/2011 14:00	13657	9.34	221.4	23.02	22.47	7.185	221	24.41	17.1	55.24	56.99	13.8	9.67	0	827	26.54	9.08	-0.003	13.02
2/11/2011 15:00	13658	8.88	208.4	23.49	18.89	6.741	208.6	26.13	15.31	57.28	58.98	12.33	8.19	0	758.2	26.53	9.11	0.029	13.05
2/11/2011 16:00	13659	8.07	216.9	32.18	18.89	6.135	218.1	31.15	15.31	58.54	59.88	11.09	7.042	0	624.4	26.53	9.14	0.032	13.03
2/11/2011 17:00	13660	5.94	247.2	27.03	11.74	4.479	245.6	27.15	9.95	59.76	60.5	9.28	5.377	0	437.9	26.53	9.16	0.016	12.32
2/11/2011 18:00	13661	5.555	228.6	21.79	9.95	3.973	227.4	22.42	8.16	58.76	59.27	9.62	5.898	0	219.6	26.54	9.16	0	12.96
2/11/2011 19:00	13662	3.92	220.4	7.614	6.368	1.065	218.6	8.44	4.578	54.17	51.71	11.85	10.2	0	21.99	26.53	9.16	0	12.18
2/11/2011 20:00	13663	3.03	160.5	26.27	6.368	0.772	85.4	19.55	4.578	47.66	42.92	15.73	15.91	0	0	26.5	9.16	0	12.59
2/11/2011 21:00	13664	2.168	7.338	31.7	8.16	1.181	5.043	10.42	4.578	44.26	40.09	18.34	19.32	0	0	26.48	9.16	-0.001	12.33
2/11/2011 22:00	13665	1.246	68.24	37.68	6.368	1.795	70.44	19.24	4.578	44.13	34.74	18.29	26.39	0	0	26.48	9.16	0.001	12.5

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/11/2011 23:00	13666	6.664	31.48	82.7	13.52	3.935	15.09	21.75	11.74	41.61	35.02	25.07	28.75	0	0	26.48	9.16	0.001	12.16
2/12/2011 0:00	13667	9.2	19.82	7.782	13.52	5.917	18.78	10.32	9.95	37.23	36.25	39.9	36.98	0	0	26.48	9.16	-0.001	12.11
2/12/2011 1:00	13668	8.72	17.11	9.5	18.89	5.485	16.04	13.05	11.74	36.87	35.74	43.43	40.84	0	0	26.5	9.16	0	14.84
2/12/2011 2:00	13669	9.33	12.98	9.13	15.31	6.584	9.15	12.43	13.52	34	32.8	47.43	45.15	0	0	26.51	9.16	0	12.23
2/12/2011 3:00	13670	4.041	325.7	40.56	13.52	1.639	334.7	38.78	9.95	28.85	27.51	55.93	52.7	0	0	26.5	9.16	-0.001	12.33
2/12/2011 4:00	13671	6.056	316.7	8.86	9.95	1.942	302	14	6.368	23.49	20.88	63.51	60.93	0	0	26.47	9.16	0.001	12.12
2/12/2011 5:00	13672	1.11	0.909	26.74	8.16	0.641	155.7	28.54	4.578	23.18	20.4	65.48	63.81	0	0	26.46	9.16	-0.001	12.14
2/12/2011 6:00	13673	3.162	25.07	20.51	6.368	0.918	22.39	16.83	4.578	22.56	19.88	67.14	66.31	0	0	26.45	9.16	0	12.63
2/12/2011 7:00	13674	4.204	3.257	10.41	8.16	0.853	346.9	32.13	4.578	24.88	22.07	63.52	63.1	0	0	26.46	9.16	0	12.29
2/12/2011 8:00	13675	1.029	334.1	44.7	4.578	0.185	165.5	3.398	2.789	22.67	17.02	66.66	69.29	0	13.52	26.47	9.16	0	12.3
2/12/2011 9:00	13676	0.572	45.36	31.87	2.789	0	0	0	0	30.01	27.81	55.36	54.99	0	192.4	26.49	9.16	0.001	12.17
2/12/2011 10:00	13677	4.071	237.4	27.15	9.95	2.449	221.6	12.16	8.16	41.77	42.64	36.3	32.21	0	414	26.58	9.18	0.016	12.21
2/12/2011 11:00	13678	8.85	228.3	13.47	17.1	6.532	227.1	16.41	13.52	49.53	50.6	21.8	18.13	0	608.7	26.67	9.21	0.038	12.17
2/12/2011 12:00	13679	14.03	214.9	11.62	22.47	10.07	216.4	14.39	17.1	55.23	56.87	13.52	9.65	0	751.5	26.7	9.25	0.032	12.44
2/12/2011 13:00	13680	16.63	208	10.7	24.26	11.68	209.2	14.06	20.68	57.56	59.66	11.88	7.681	0	829	26.69	9.25	0.002	14.97
2/12/2011 14:00	13681	17	204.2	11.64	27.84	11.78	206.4	14.89	22.47	58.86	61.21	11.73	7.347	0	834	26.66	9.31	0.063	15.08
2/12/2011 15:00	13682	16.13	208.5	11.86	27.84	11.39	208.7	14.79	22.47	60.77	62.8	9.44	5.197	0	766.4	26.63	9.19	-0.124	12.89
2/12/2011 16:00	13683	15.23	213.4	13.27	29.63	10.91	214.6	16.24	24.26	62.76	64.29	7.091	2.969	0	633.3	26.61	9.33	0.136	12.99
2/12/2011 17:00	13684	14.14	211.5	9.92	22.47	9.96	211.7	13.1	17.1	63.74	64.87	6.189	2.135	0	445.8	26.6	8.7	-0.624	13.02
2/12/2011 18:00	13685	11.73	207.7	10.12	18.89	7.913	208.2	13.41	15.31	63.67	64.07	6.504	2.726	0	227.7	26.59	8.57	-0.133	13.07
2/12/2011 19:00	13686	8.48	185	10.33	13.52	4.085	176.3	19.39	11.74	57.39	54.72	9.56	7.24	0	24.39	26.56	8.56	-0.004	12.34
2/12/2011 20:00	13687	6.687	173.8	6.535	11.74	1.781	158.1	13.85	4.578	49.38	44.02	13.89	13.48	0	0	26.51	8.56	0	12.83
2/12/2011 21:00	13688	3.462	223.3	21.64	11.74	0.91	224.2	38.16	9.95	47.15	42.78	14.89	14.5	0	0	26.48	8.56	-0.003	13.24
2/12/2011 22:00	13689	0.896	192.8	6.784	4.578	1.701	79.78	9.33	4.578	44.37	39.56	16.23	17.24	0	0	26.45	8.56	0	12.34
2/12/2011 23:00	13690	2.823	183.5	15.82	6.368	1.745	84.3	20.65	4.578	43.94	38.58	15.35	17.19	0	0	26.44	8.56	0	12.19
2/13/2011 0:00	13691	6.443	182.2	14.14	9.95	1.868	147.7	22.27	4.578	42	35.68	16	18.31	0	0	26.42	8.56	-0.003	12.14
2/13/2011 1:00	13692	3.786	245.9	24.43	8.16	1.265	295.3	29.81	4.578	40.08	35.72	15.78	16.67	0	0	26.41	8.55	-0.003	12.23
2/13/2011 2:00	13693	2.569	221	22.52	6.368	0.23	320.4	15.89	4.578	37.85	33.74	16.71	17.49	0	0	26.4	8.56	0.001	12.3
2/13/2011 3:00	13694	1.766	209.5	17.74	4.578	0.368	62.27	16.02	2.789	36.9	33.1	17.23	17.85	0	0	26.38	8.56	0.001	15.23
2/13/2011 4:00	13695	1.283	238.2	15.64	4.578	0.338	58.86	6.262	4.578	35.05	31.51	18.96	20.69	0	0	26.36	8.56	0	12.11
2/13/2011 5:00	13696	0.954	289.8	8.1	4.578	0.916	76.67	20.14	4.578	33.92	29.1	19.91	23.72	0	0	26.34	8.56	0	12.14
2/13/2011 6:00	13697	3.471	285.9	10.57	4.578	0.548	314.2	14.27	2.789	34.98	28.97	19.94	23.97	0	0	26.33	8.56	0	12.36
2/13/2011 7:00	13698	3.296	276.4	15.25	6.368	0.549	313.1	7.937	4.578	34.01	26.85	22.8	26.13	0	0	26.32	8.56	0	15.08
2/13/2011 8:00	13699	5.83	264.7	34.39	8.16	2.018	252.5	45.03	4.578	34.95	28.39	25.87	29.39	0	15.39	26.32	8.56	0	12.14
2/13/2011 9:00	13700	4.092	248.8	23.76	8.16	1.933	234.8	12.74	6.368	33.51	32.97	27.92	25.51	0	197.6	26.35	8.56	0.001	14.41
2/13/2011 10:00	13701	5.68	241.8	12.59	8.16	4.341	240.3	15.27	8.16	46.12	46.52	16.23	12.73	0	417.4	26.42	8.56	-0.001	12.93
2/13/2011 11:00	13702	7.001	237.8	15.8	11.74	5.454	236.8	18.17	9.95	56.83	57.53	9.82	6.197	0	612.9	26.49	8.56	-0.001	13.86
2/13/2011 12:00	13703	9.83	220.7	14.63	15.31	7.441	220.8	15.48	15.31	63.43	64.78	5.492	2.099	0	753.1	26.53	8.51	-0.046	12.89
2/13/2011 13:00	13704	12.88	213.7	14.98	20.68	9.46	214.5	17.38	17.1	66.34	68.25	4.149	1.693	0	826	26.53	8.5	-0.014	12.94
2/13/2011 14:00	13705	15.99	222	13.46	24.26	11.68	222.4	15.63	20.68	69.2	70.96	4.816	1.714	0	825	26.49	8.48	-0.016	13.2
2/13/2011 15:00	13706	17.46	229.5	11.07	27.84	12.96	229.6	12.73	22.47	71.92	73.31	4.524	1.736	0	752.9	26.46	8.46	-0.025	15.03
2/13/2011 16:00	13707	15.84	230.2	12.14	26.05	11.86	230.1	13.5	22.47	74.56	75.52	4.625	1.745	0	616.9	26.44	8.43	-0.022	13.09
2/13/2011 17:00	13708	16.91	226.4	11.43	26.05	12.29	226.9	13.27	22.47	74.9	75.61	3.741	1.743	0	433.8	26.43	8.38	-0.051	13.08
2/13/2011 18:00	13709	13.83	225.4	8.17	22.47	9.85	226.1	10.48	18.89	74.06	74.17	4.027	1.737	0	222.4	26.42	8.36	-0.025	13.08
2/13/2011 19:00	13710	8.12	221.6	7.083	13.52	4.33	223.6	10.5	11.74	67.91	65.58	6.651	3.819	0	23.86	26.4	8.34	-0.018	12.99

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/13/2011 20:00	13711	4.797	212.1	11.56	8.16	0.835	221.4	26.84	4.578	59.78	55.2	10.57	9.31	0	0	26.37	8.33	-0.007	12.31
2/13/2011 21:00	13712	1.554	216.7	9.33	4.578	0.755	61.36	14.88	2.789	55.01	51.3	13.59	12.63	0	0	26.34	8.32	-0.008	14.91
2/13/2011 22:00	13713	2.346	272.8	18.88	6.368	1.254	357.9	36.64	4.578	52.86	48.5	14.95	15.4	0	0	26.32	8.32	-0.005	12.92
2/13/2011 23:00	13714	4.768	261.1	14.32	6.368	1.554	300.2	12.99	4.578	52.37	46.72	16.22	17.09	0	0	26.31	8.32	-0.003	12.7
2/14/2011 0:00	13715	1.929	258.1	21.02	6.368	1.088	74.61	20.59	4.578	48.54	43.5	18.94	19.76	0	0	26.29	8.31	-0.002	12.51
2/14/2011 1:00	13716	4.943	265	18.07	9.95	0.733	306.7	18.42	4.578	49.7	41.1	18.64	22.93	0	0	26.29	8.31	-0.001	13.11
2/14/2011 2:00	13717	4.371	258	27.11	8.16	1.252	283.9	46.1	4.578	48.36	40.82	19.77	22.64	0	0	26.28	8.31	-0.003	14.44
2/14/2011 3:00	13718	8.27	311	14.43	17.1	5.353	319.9	12.64	13.52	45.89	42.22	22.24	22.05	0	0	26.27	8.3	-0.006	13.32
2/14/2011 4:00	13719	13.62	323.9	7.049	20.68	10.34	324.3	8.44	17.1	50.67	49.29	17.15	14.71	0	0	26.29	8.29	-0.009	12.12
2/14/2011 5:00	13720	13.14	329.6	8.87	20.68	10	328	10	15.31	48.21	47.11	21.92	19.1	0	0	26.31	8.29	-0.007	12.64
2/14/2011 6:00	13721	15.09	357	12.58	24.26	10.96	355.2	14.92	22.47	49.05	48.31	29.7	26.52	0	0	26.32	8.28	-0.006	12.69
2/14/2011 7:00	13722	20.02	17.44	8.51	29.63	15.17	16.26	9.87	26.05	47.11	46.81	40.51	36.89	0	0	26.34	8.28	-0.003	12.23
2/14/2011 8:00	13723	20.01	17.98	8.03	29.63	15.09	16.66	9.73	26.05	44.81	44.62	46.74	42.98	0	9.45	26.36	8.27	-0.01	12.86
2/14/2011 9:00	13724	17.5	18.08	9.98	27.84	12.88	16.54	11.02	24.26	45.56	45.51	45.95	42.08	0	171.7	26.4	8.26	-0.01	12.48
2/14/2011 10:00	13725	17.07	24.32	10.87	29.63	11.4	22.29	12.71	22.47	48.39	48.61	42.6	38.57	0	286	26.44	8.25	-0.014	12.8
2/14/2011 11:00	13726	12.84	12.83	12.77	22.47	9.5	11.59	14.7	18.89	52.79	53.5	37.03	32.71	0	606.1	26.52	8.23	-0.011	12.78
2/14/2011 12:00	13727	11.71	14.07	16.39	22.47	8.56	12.21	18.15	20.68	56.04	56.9	32.2	27.87	0	669.9	26.56	8.23	-0.008	13.01
2/14/2011 13:00	13728	12.69	357.9	18.05	22.47	9.97	356.5	19.73	18.89	59.08	60.21	28.91	24.37	0	807	26.56	8.22	-0.01	12.38
2/14/2011 14:00	13729	10.91	19.45	16.3	18.89	7.804	17.21	18.37	17.1	60.7	61.9	25.78	21.4	0	736.1	26.53	8.2	-0.013	12.56
2/14/2011 15:00	13730	7.81	358.8	22.1	15.31	6.157	354.7	23.74	13.52	63.04	63.93	23.41	19.21	0	663.2	26.52	8.19	-0.013	13.04
2/14/2011 16:00	13731	7.781	351.2	25.97	15.31	6.169	349.6	27.74	15.31	64.96	65.77	22.11	17.95	0	617.8	26.52	8.15	-0.036	12.99
2/14/2011 17:00	13732	6.759	348.1	25.09	11.74	5.359	344.9	25.69	9.95	65.8	66.32	21.12	17.16	0	432.1	26.5	8.14	-0.009	12.99
2/14/2011 18:00	13733	6.835	354.8	19.77	11.74	5.204	353.1	20.31	9.95	64.85	65.15	21.78	17.98	0	218	26.49	8.13	-0.011	13.06
2/14/2011 19:00	13734	6.045	5.742	8.2	9.95	3.86	2.445	9.92	6.368	60.84	59.77	25.34	22.71	0	23.85	26.46	8.12	-0.009	12.9
2/14/2011 20:00	13735	5.453	13.11	7.69	8.16	2.559	10.3	9.43	6.368	56.72	54.27	28.57	27.23	0	0	26.43	8.12	-0.007	12.36
2/14/2011 21:00	13736	5.402	17.72	9.11	9.95	2.263	15.91	15.81	6.368	55.15	51.75	30.02	29.72	0	0	26.4	8.11	-0.005	12.84
2/14/2011 22:00	13737	6.423	37.3	7.674	9.95	3.06	46.42	11.07	4.578	51.15	48.07	34.33	33.89	0	0	26.38	8.11	-0.005	12.95
2/14/2011 23:00	13738	7.511	44.48	7.311	9.95	3.458	47.15	12.2	6.368	48.51	45.25	38.11	38.05	0	0	26.36	8.1	-0.003	12.92
2/15/2011 0:00	13739	4.873	56.82	17.66	9.95	1.71	54.35	18.76	6.368	47.63	42.73	40.58	42.31	0	0	26.35	8.1	-0.003	12.2
2/15/2011 1:00	13740	1.44	69.72	21.63	4.578	0.432	64.86	28.12	2.789	44.94	37.33	44.19	48.46	0	0	26.32	8.1	-0.004	12.18
2/15/2011 2:00	13741	0.001	311.5	0	2.789	0.158	76.59	2.277	2.789	42.81	37.3	47.2	49.57	0	0	26.3	8.1	0	12.09
2/15/2011 3:00	13742	2.11	277	21.98	6.368	0.046	67.25	8.35	2.789	43.42	37.08	45.98	51.15	0	0	26.27	8.09	-0.003	15.21
2/15/2011 4:00	13743	3.014	256.6	17.51	4.578	0.001	195.6	0.001	2.789	43.65	35.8	44.26	52.38	0	0	26.25	8.09	-0.003	15.17
2/15/2011 5:00	13744	4.916	260.9	13.24	9.95	0.928	284.3	14.38	4.578	41.26	35.93	47.29	50.77	0	0	26.24	8.09	0	12.11
2/15/2011 6:00	13745	6.279	253.1	9.25	8.16	0.525	280.4	11.64	4.578	40.35	34.75	47.41	52.11	0	0	26.23	8.09	-0.003	12.07
2/15/2011 7:00	13746	5.494	278.4	14.23	8.16	2.098	305	11.75	6.368	42.35	37.3	44.23	47.97	0	0	26.24	8.08	-0.003	12.29
2/15/2011 8:00	13747	7.705	309.4	11.43	11.74	3.604	304.5	13.18	8.16	44.17	39.89	42.38	44.81	0	16.51	26.26	8.08	0	12.18
2/15/2011 9:00	13748	5.388	301.7	9.22	9.95	3.518	295.3	12.32	8.16	50.42	49.45	35.89	33.69	0	194.9	26.3	8.07	-0.015	12.6
2/15/2011 10:00	13749	6.203	286.4	14.04	9.95	5.223	286.1	17.38	8.16	57.48	57.68	27.6	24.15	0	409.6	26.39	8.06	-0.009	12.79
2/15/2011 11:00	13750	6.654	272.9	18.16	13.52	5.5	270.1	22.19	11.74	65.31	65.88	19.54	15.97	0	598.9	26.46	8.05	-0.009	13
2/15/2011 12:00	13751	8.95	311.3	17.7	18.89	7.488	311.2	19.65	17.1	72.64	73.19	10.49	6.966	0	734.4	26.5	8.03	-0.017	15.12
2/15/2011 13:00	13752	11.69	304.1	16.95	20.68	9.85	304.8	18.87	20.68	75.2	75.99	5.758	2.2	0	810	26.5	8.02	-0.016	12.89
2/15/2011 14:00	13753	10.13	301	23.79	18.89	8.46	301.6	25.11	17.1	76.87	77.77	4.457	1.746	0	815	26.48	7.998	-0.02	13.14
2/15/2011 15:00	13754	8.43	269.8	30.22	17.1	6.775	269.3	34.16	17.1	78.59	79.37	3.327	1.754	0	750.2	26.46	7.988	-0.01	12.92
2/15/2011 16:00	13755	7.983	262.6	28.57	17.1	6.343	262.1	31.85	15.31	79.54	80.2	3.588	1.766	0	617.4	26.44	7.964	-0.025	12.9

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/15/2011 17:00	13756	8.13	264.4	20.49	15.31	6.556	264.8	22.3	13.52	79.25	79.79	4.515	1.762	0	434.4	26.42	7.942	-0.022	13.12
2/15/2011 18:00	13757	7.14	240.4	21.28	15.31	5.214	238.6	22.89	13.52	78.29	78.61	5.122	1.775	0	224.7	26.41	7.894	-0.047	12.91
2/15/2011 19:00	13758	3.045	276.3	25.39	8.16	1.158	267.4	38.57	6.368	72.93	70.89	7.835	4.971	0	26.01	26.39	7.886	-0.009	12.92
2/15/2011 20:00	13759	4.329	340.3	13.19	6.368	1.365	18.71	6.396	4.578	70.02	63	8.92	9.26	0	0	26.35	7.879	-0.007	12.76
2/15/2011 21:00	13760	4.408	12.5	14.35	8.16	1.777	51.3	26.31	6.368	66.67	58.71	10.06	12.18	0	0	26.31	7.873	-0.006	12.74
2/15/2011 22:00	13761	3.554	74.28	14.33	4.578	1.707	69.74	26.13	4.578	62.82	51.54	12.54	18.07	0	0	26.29	7.865	-0.008	12.65
2/15/2011 23:00	13762	4.275	121.2	19.84	8.16	1.991	74.39	30.37	4.578	60.1	52.82	13.93	16.18	0	0	26.27	7.86	-0.005	12.75
2/16/2011 0:00	13763	2.975	220	29.45	6.368	0.551	279.1	40.06	4.578	55.41	48.54	17.38	19.64	0	0	26.28	7.857	-0.003	12.34
2/16/2011 1:00	13764	3.18	165.3	9.78	6.368	0.695	82.6	7.825	4.578	52.44	48.9	20.59	19.54	0	0	26.26	7.853	-0.003	14.81
2/16/2011 2:00	13765	4.372	156.3	16.51	8.16	1.77	97.1	23.51	6.368	50.12	46.62	27.22	25.2	0	0	26.24	7.85	-0.003	12.83
2/16/2011 3:00	13766	1.956	218.4	46.13	4.578	0.002	92.9	1.754	2.789	48.78	45.21	34.34	32.79	0	0	26.23	7.844	-0.006	12.77
2/16/2011 4:00	13767	2.67	175.2	18.58	4.578	0.051	74.27	8.14	2.789	49.64	45.41	39.35	37.11	0	0	26.21	7.846	0.002	12.72
2/16/2011 5:00	13768	0.898	244.4	24.17	4.578	0.053	83.7	2.678	2.789	47.25	43.02	46.53	45.11	0	0	26.19	7.843	-0.003	12.35
2/16/2011 6:00	13769	2.482	229.3	29.35	4.578	0.008	315	0.253	2.789	47.04	41.86	54.25	53.5	0	0	26.18	7.84	-0.003	12.41
2/16/2011 7:00	13770	2.954	266.8	15.25	6.368	0	0	0	0	46.1	41.75	59.7	60.04	0	0	26.17	7.84	0	12.54
2/16/2011 8:00	13771	4.412	252.7	35.82	8.16	0.61	234.1	38.79	4.578	46.9	40.25	67.01	66.44	0	17.16	26.17	7.837	-0.003	12.56
2/16/2011 9:00	13772	3.964	199.6	15.07	9.95	1.282	206.7	9.63	8.16	49.73	48.32	64.66	58.92	0	196.8	26.2	7.825	-0.012	12.31
2/16/2011 10:00	13773	7.242	214.4	10.3	11.74	5.4	216.7	13.33	9.95	56.49	57.38	57.5	52.08	0	409.3	26.28	7.813	-0.012	12.9
2/16/2011 11:00	13774	9.07	206.6	11.53	13.52	6.748	208.5	14.94	11.74	65.3	66.81	36.29	31.66	0	597.2	26.35	7.804	-0.009	12.76
2/16/2011 12:00	13775	11.03	203.5	12.58	18.89	8.06	205.3	16.38	15.31	72.71	74.68	19.96	15.71	0	727.8	26.38	7.796	-0.008	12.83
2/16/2011 13:00	13776	14.06	210.5	11.95	22.47	10.19	211.9	14.79	17.1	77.77	79.76	12.45	8.32	0	802	26.38	7.783	-0.013	12.89
2/16/2011 14:00	13777	16.09	209.5	15.46	26.05	11.39	209.6	18.28	20.68	80.3	82.5	8.66	4.465	0	806	26.35	7.764	-0.019	12.9
2/16/2011 15:00	13778	14.4	209.9	13.02	27.84	10.35	210.9	16	26.05	82.5	84.5	7.641	3.473	0	738.9	26.32	7.738	-0.026	12.86
2/16/2011 16:00	13779	14.23	205	13.47	26.05	10	206.2	16.59	22.47	83.2	84.9	6.436	2.297	0	612.3	26.31	7.714	-0.025	14.85
2/16/2011 17:00	13780	13.39	221	16.95	24.26	9.78	220.9	18.25	18.89	83.6	84.5	5.622	1.835	0	431.1	26.29	7.685	-0.029	13.1
2/16/2011 18:00	13781	12.24	209.6	10.3	20.68	8.37	209.3	13.16	15.31	82.7	83.1	5.814	2.052	0	223.1	26.27	7.622	-0.063	15.16
2/16/2011 19:00	13782	7.453	219.8	7.2	15.31	3.744	215.6	9.48	13.52	77.67	74.72	7.62	5.148	0	26.88	26.24	7.607	-0.015	12.88
2/16/2011 20:00	13783	5.102	234.6	14.55	9.95	1.612	232.7	21.17	6.368	70.09	65.97	11.04	9.29	0	0	26.21	7.599	-0.008	13.08
2/16/2011 21:00	13784	8.77	212.8	46.24	18.89	3.897	202	50.59	11.74	64.2	60.71	18.74	16.88	0	0	26.19	7.588	-0.011	12.88
2/16/2011 22:00	13785	9.59	177.5	11.36	15.31	5.027	179.8	16.36	9.95	61.55	59.83	43.25	41.03	0	0	26.19	7.578	-0.009	12.92
2/16/2011 23:00	13786	6.975	184.6	12.99	13.52	2.776	184.1	15.69	8.16	58.29	56.85	56.98	54.93	0	0	26.18	7.575	-0.003	12.93
2/17/2011 0:00	13787	3.323	196.1	18.94	6.368	0.205	204.1	6.912	4.578	54.18	51.97	66.44	64.83	0	0	26.17	7.573	-0.002	14.99
2/17/2011 1:00	13788	4.639	206.4	18.62	8.16	0.777	208.1	24.91	4.578	53.14	50.12	74.11	72.41	0	0	26.15	7.568	-0.005	13.03
2/17/2011 2:00	13789	6.071	199.4	16.26	11.74	1.508	203.7	18.15	6.368	52.36	49.58	80	78.23	0	0	26.14	7.565	-0.003	12.87
2/17/2011 3:00	13790	9.53	190.2	12.52	15.31	5.293	192.1	16.13	11.74	53.51	52.03	80.5	78.13	0	0	26.12	7.562	-0.003	12.98
2/17/2011 4:00	13791	7.561	209.1	29.08	15.31	4.013	202.7	17.45	9.95	53.08	51.78	81	77.76	0	0	26.12	7.562	0	12.94
2/17/2011 5:00	13792	5.222	266.4	20.76	8.16	2.008	309.9	9.26	6.368	49.36	46.23	86.9	83.4	0	0.001	26.11	7.562	0	13
2/17/2011 6:00	13793	3.86	198.7	37.51	6.368	0.213	6.001	21.69	4.578	47.3	44.24	90.2	86.2	0	0	26.1	7.559	-0.003	12.87
2/17/2011 7:00	13794	3.099	171.4	20.63	6.368	0.059	101.1	0.624	2.789	45.4	42.57	92.6	87.5	0	0	26.1	7.55	-0.008	12.48
2/17/2011 8:00	13795	2.745	172.4	13.53	9.95	0.464	91.9	6.15	2.789	45.32	41.38	93	87.9	0	5.392	26.11	7.548	-0.002	13.22
2/17/2011 9:00	13796	3.552	202.3	16.23	8.16	0.259	204.7	7.173	4.578	47.69	45.93	82.7	87.3	0	163.3	26.13	7.54	-0.008	12.89
2/17/2011 10:00	13797	4.709	235.8	19.95	9.95	3.662	237.8	19.56	9.95	55.23	55.31	66.04	63.09	0	311.7	26.21	7.537	-0.002	12.51
2/17/2011 11:00	13798	5.428	201.5	23.81	9.95	4.083	203.8	25.78	8.16	60.23	61.14	51.49	46.95	0	481.5	26.27	7.53	-0.007	15.01
2/17/2011 12:00	13799	12.28	235	26.36	20.68	9.25	235.8	25.74	18.89	72.32	73.33	19.88	16.4	0	695.7	26.32	7.518	-0.012	12.84
2/17/2011 13:00	13800	14.18	253.7	16.79	24.26	10.81	252.6	19.17	22.47	75.56	76.88	15.07	11.11	0	804	26.35	7.501	-0.017	12.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/17/2011 14:00	13801	14.69	246.4	17.63	24.26	11.33	245.3	18.52	20.68	77.21	78.7	14.11	10.01	0	804	26.34	7.482	-0.019	14.88
2/17/2011 15:00	13802	13.75	251.7	16.21	26.05	11.01	251.2	17.12	20.68	79.38	80.6	13.5	9.46	0	773.6	26.32	7.457	-0.025	13
2/17/2011 16:00	13803	15.17	238.9	14.73	29.63	11.71	238.5	15.8	24.26	78.45	79.16	14.65	10.87	0	359.5	26.31	7.413	-0.044	12.86
2/17/2011 17:00	13804	14.12	240.5	12.71	26.05	10.66	239.5	13.22	18.89	77.63	77.9	14.96	11.4	0	217.7	26.29	7.378	-0.035	12.81
2/17/2011 18:00	13805	16.66	230.7	8.92	26.05	12.46	230.7	10.48	22.47	75.75	75.74	16.53	13.11	0	133.2	26.29	7.35	-0.028	14.7
2/17/2011 19:00	13806	11.78	228.1	8.09	22.47	8.12	228.1	9.82	17.1	73.12	72.35	18.14	15.16	0	32.01	26.3	7.335	-0.016	12.78
2/17/2011 20:00	13807	7.129	243.1	21.06	15.31	3.525	245.8	27.33	9.95	67.37	64.92	22.42	20.73	0	0	26.3	7.323	-0.011	12.55
2/17/2011 21:00	13808	2.057	273.3	58.68	6.368	1.753	70.69	24.73	4.578	63.03	59.05	24.44	25.31	0	0	26.3	7.318	-0.005	12.71
2/17/2011 22:00	13809	3.012	322.7	12.38	6.368	0.817	93.7	15.43	4.578	62.72	56.46	21.65	25.25	0	0	26.28	7.312	-0.006	12.78
2/17/2011 23:00	13810	2.783	338.2	6.919	4.578	0.494	77.22	8.02	4.578	62.28	55.46	21.13	25.24	0	0	26.28	7.307	-0.005	14.07
2/18/2011 0:00	13811	6.32	321.5	6.931	13.52	2.712	320.1	8.08	8.16	60.12	54.93	23.31	25.15	0	0	26.28	7.301	-0.006	12.26
2/18/2011 1:00	13812	5.917	326.6	38.27	15.31	3.338	325.6	53.19	8.16	58.95	55.31	24.55	24.77	0	0	26.29	7.294	-0.006	12.78
2/18/2011 2:00	13813	4.139	139.4	27.57	11.74	2.068	112.7	30.55	6.368	52.69	48.16	30.77	32.04	0	0	26.3	7.292	-0.002	12.24
2/18/2011 3:00	13814	2.329	129.1	21.3	6.368	0.746	74.53	14.48	4.578	53.36	50.1	31.96	31.02	0	0	26.3	7.289	-0.003	12.98
2/18/2011 4:00	13815	2.883	135.6	14.12	6.368	1.272	75.33	22.3	4.578	52.69	50.46	39.56	37.01	0	0	26.3	7.289	0	12.14
2/18/2011 5:00	13816	0.642	146.5	9.72	4.578	0.345	64.01	6.567	2.789	51.19	49.14	49.22	45.14	0	0	26.3	7.282	-0.006	12.67
2/18/2011 6:00	13817	1.846	136.7	18.35	4.578	0.721	69.14	5.802	2.789	51.25	47.95	61.05	55.26	0	0	26.3	7.282	0	12.7
2/18/2011 7:00	13818	1.415	316.4	14.88	4.578	0.149	23.62	8.16	4.578	51.27	46.63	69.31	64.49	0	0	26.3	7.276	-0.006	12.64
2/18/2011 8:00	13819	1.861	326.2	9.76	4.578	0.293	63.32	5.1	2.789	51.8	44.2	71.14	67.38	0	17.8	26.3	7.273	-0.003	12.57
2/18/2011 9:00	13820	3.134	348.5	34.35	8.16	0.969	356	23.88	6.368	56.89	54.8	59.94	55.74	0	193.2	26.34	7.231	-0.042	12.78
2/18/2011 10:00	13821	3.236	124.3	47.19	8.16	1.738	120.2	47.62	6.368	66.88	67.76	38.62	34.82	0	396.3	26.45	7.227	-0.004	12.8
2/18/2011 11:00	13822	4.878	58.43	21.85	9.95	3.188	49.73	26.98	8.16	71.81	73.36	23.87	19.88	0	581.4	26.52	7.223	-0.005	14.66
2/18/2011 12:00	13823	5.75	84.8	31.86	11.74	4.009	79.88	36.49	9.95	75.06	77.31	21.07	16.75	0	712.5	26.55	7.216	-0.007	14.14
2/18/2011 13:00	13824	6.004	75.78	35.71	13.52	4.13	68.63	39.93	11.74	77.23	79.49	20.98	16.55	0	782.7	26.55	7.209	-0.006	12.88
2/18/2011 14:00	13825	6.784	159.7	41.23	15.31	4.886	164.9	45.31	13.52	79.25	81.7	21.44	16.87	0	787.3	26.53	7.196	-0.013	12.97
2/18/2011 15:00	13826	9.14	151	38.91	20.68	6.344	153.7	44.07	17.1	79.99	82.5	19.86	15.27	0	721	26.5	7.168	-0.029	14.7
2/18/2011 16:00	13827	9.75	163.8	37.69	22.47	6.977	168.9	39.2	15.31	80.3	82.4	19.41	14.91	0	597.9	26.48	7.146	-0.021	13.02
2/18/2011 17:00	13828	9.98	165.7	21.81	18.89	6.775	167.3	26.3	15.31	80.1	82	19.75	15.4	0	414.2	26.46	7.127	-0.019	12.99
2/18/2011 18:00	13829	10.63	161.5	13.6	18.89	6.717	162.6	17.87	13.52	78.6	79.53	21.96	18.13	0	205.3	26.44	7.105	-0.022	14.2
2/18/2011 19:00	13830	8.7	134.5	12.14	13.52	4.541	130	19.19	11.74	73.27	71.78	31.55	29.28	0	24.51	26.42	7.084	-0.021	12.8
2/18/2011 20:00	13831	8.84	135.2	8.02	13.52	4.249	129.3	14.97	9.95	66.25	64.09	44.57	42.59	0	0	26.39	7.073	-0.011	13.89
2/18/2011 21:00	13832	9.5	145.5	7.431	13.52	5.235	143.7	13.14	9.95	63.71	62.61	60.17	57.59	0	0	26.39	7.061	-0.012	12.84
2/18/2011 22:00	13833	6.699	146.1	9.6	11.74	2.321	147.2	12.18	6.368	60.32	58.85	71.16	68.8	0	0	26.39	7.058	-0.003	12.75
2/18/2011 23:00	13834	4.336	134.4	18.17	8.16	0.293	102.8	5.603	4.578	57.66	55.55	78.55	76.78	0	0	26.39	7.052	-0.006	12.55
2/19/2011 0:00	13835	5.7	197.4	34.94	11.74	2.319	193.7	39.54	9.95	55.71	54.16	85.9	81.5	0	0	26.38	7.053	0.001	14.03
2/19/2011 1:00	13836	8.66	178.9	10.35	20.68	5.1	179.2	15.87	9.95	56.59	56.75	92.4	85.9	0	0	26.37	7.049	-0.004	12.65
2/19/2011 2:00	13837	7.567	182.2	12.77	11.74	4.4	184.2	17.12	8.16	55.69	55.91	94.4	87.7	0	0	26.37	7.049	0	13.1
2/19/2011 3:00	13838	8.14	185.3	14.52	15.31	4.862	186.6	18.44	9.95	54.92	55.23	93.6	86.6	0	0	26.37	7.046	-0.003	12.61
2/19/2011 4:00	13839	5.064	214.1	15.9	9.95	2.993	214.8	15.98	8.16	54.57	54.71	92.4	85.8	0	0	26.35	7.043	-0.003	12.52
2/19/2011 5:00	13840	5.17	195.3	17.03	9.95	2.936	194.7	19.02	6.368	54	54.18	93.6	87	0	0	26.34	7.043	0	12.54
2/19/2011 6:00	13841	2.162	205.4	39.71	6.368	0.731	222	28.2	4.578	53.52	53.66	94.4	88.1	0	0.001	26.34	7.043	0	12.31
2/19/2011 7:00	13842	1.608	102.4	28.92	4.578	0.376	102.3	10.52	4.578	52.63	52.76	94.7	88.8	0	0.007	26.34	7.043	0	12.61
2/19/2011 8:00	13843	4.6	138.5	15.85	9.95	1.845	138.3	14.17	6.368	51.86	51.98	95	89.4	0	4.284	26.35	7.04	-0.003	12.59
2/19/2011 9:00	13844	3.537	124.8	30.44	8.16	1.257	129.9	15.04	6.368	51.6	51.88	95.1	89.7	0	47.76	26.36	7.04	0	12.94
2/19/2011 10:00	13845	4.488	152.8	26.69	8.16	2.286	157.6	25.46	6.368	52.24	52.81	95.2	89.8	0	110.2	26.36	7.04	0	14.69

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/19/2011 11:00	13846	5.483	145.9	21.03	9.95	3.109	147.6	24.74	8.16	53.11	54.13	95.2	89.9	0	149.2	26.37	7.039	-0.001	12.82
2/19/2011 12:00	13847	4.37	126.2	59.52	11.74	2.574	131.5	49.77	9.95	55.71	56.85	89.9	83.7	0	223	26.38	7.039	0	12.77
2/19/2011 13:00	13848	4.974	75.23	52.48	11.74	3.236	70.07	52.44	9.95	64.72	66.24	69.33	63.04	0	727.5	26.37	7.037	-0.002	12.97
2/19/2011 14:00	13849	8.39	155.3	26.03	17.1	5.937	156.7	31.62	13.52	70.47	73.33	55.51	48.6	0	767	26.39	7.032	-0.005	13.02
2/19/2011 15:00	13850	12.15	147.3	17.49	22.47	8.14	146.9	23.55	17.1	70.41	73.54	55.35	47.9	0	708.6	26.37	7.023	-0.01	12.96
2/19/2011 16:00	13851	13.32	150.5	17.21	22.47	8.75	151.2	22.36	18.89	72.44	75.01	52.2	45.55	0	589.7	26.33	7.007	-0.016	13.22
2/19/2011 17:00	13852	13.07	186.4	18.11	26.05	8.69	187.9	21.96	20.68	75	76.87	40.87	35.66	0	417.2	26.3	6.985	-0.022	13.03
2/19/2011 18:00	13853	11.51	202.5	11.95	17.1	7.756	204.6	15.37	13.52	74.99	75.81	36.82	32.78	0	211.7	26.28	6.956	-0.028	13.25
2/19/2011 19:00	13854	8.31	174.8	13.2	15.31	4.07	173	20	9.95	71.04	69.77	42.46	40.28	0	27.85	26.27	6.945	-0.012	12.91
2/19/2011 20:00	13855	12.25	147.9	8.66	20.68	7.005	146.3	14.74	15.31	64.99	63.92	63.2	60.51	0	0	26.24	6.931	-0.014	12.83
2/19/2011 21:00	13856	12.62	152.7	8.9	24.26	7.424	152.8	14.71	17.1	59.82	59.36	78.99	74.93	0	0	26.22	6.919	-0.012	12.35
2/19/2011 22:00	13857	17.1	154.3	8.69	29.63	10.57	154.7	15.25	20.68	57.25	57.2	86.3	81.1	0	0	26.2	6.906	-0.013	12.36
2/19/2011 23:00	13858	11.37	161.7	11.12	18.89	6.598	163.1	16.86	13.52	56.33	55.88	87.8	83.2	0	0	26.18	6.9	-0.006	13.06
2/20/2011 0:00	13859	11.32	171.1	9.04	20.68	6.637	172.3	15.6	13.52	56.79	56.25	88.2	83.8	0	0	26.17	6.897	-0.002	12.66
2/20/2011 1:00	13860	8.83	181.2	11.68	22.47	4.964	183.9	17.36	11.74	55.64	55.04	90.1	85.5	0	0	26.15	6.897	0	12.16
2/20/2011 2:00	13861	6.586	192.3	11.64	9.95	2.914	194	15.57	8.16	54.3	53.35	91.8	86.6	0	0	26.13	6.894	-0.003	12.8
2/20/2011 3:00	13862	6.554	215.9	12.19	11.74	3.211	223.1	14.51	8.16	53.02	51.83	93	88	0	0	26.11	6.895	0.001	12.82
2/20/2011 4:00	13863	5.676	222.3	24.64	11.74	2.538	221.9	24.46	8.16	52.23	51.22	93.4	88.7	0	0	26.08	6.892	-0.003	14.71
2/20/2011 5:00	13864	3.412	221.1	28.2	6.368	0.214	286.8	7.472	2.789	50.15	49.28	94.4	88.7	0	0	26.07	6.892	0	12.84
2/20/2011 6:00	13865	4.351	220.7	16.06	8.16	2.01	220.6	13.28	6.368	49.05	49.02	94.8	89.2	0	0	26.07	6.892	0	12.68
2/20/2011 7:00	13866	4.34	231.3	14.13	8.16	2.092	234.5	14.11	4.578	47.16	47.08	94.7	88.9	0	0	26.07	6.892	0	12.53
2/20/2011 8:00	13867	6.595	219.4	10.8	9.95	4.278	220.9	13.28	8.16	47.59	47.63	94.9	88.9	0	15.56	26.07	6.892	0	12.94
2/20/2011 9:00	13868	6.663	216.4	19.92	11.74	4.469	218.8	22.14	8.16	47.93	48.33	94.8	89	0	190.7	26.08	6.892	0	12.6
2/20/2011 10:00	13869	8.37	218.1	11.94	13.52	5.889	220.7	14.04	11.74	53.96	53.84	79.88	84	0	332.2	26.13	6.89	-0.002	12.71
2/20/2011 11:00	13870	14.18	224.5	11.06	24.26	10.36	225.8	12.62	18.89	63.12	63.57	42.79	40.32	0	396.8	26.17	6.883	-0.007	12.75
2/20/2011 12:00	13871	19.96	227.4	10.32	36.78	14.73	228.3	12.51	29.63	69.06	70.14	25.74	22.2	0	624.1	26.19	6.862	-0.021	12.84
2/20/2011 13:00	13872	21.31	239.6	13.45	34.99	16.34	239	14.39	29.63	72.68	73.54	16.57	13.09	0	592.2	26.19	6.824	-0.038	13.4
2/20/2011 14:00	13873	26.52	243.6	11.35	42.15	20.43	243.8	12.77	34.99	75.89	77.07	10.42	6.63	0	843	26.16	6.792	-0.033	13
2/20/2011 15:00	13874	22.93	244.9	12.44	40.36	17.87	244	13.28	31.42	78.08	79.3	9.03	5.117	0	796.9	26.14	6.76	-0.032	15.22
2/20/2011 16:00	13875	20.47	261.5	15.18	34.99	16.34	260.1	15.91	29.63	77.06	77.96	10.42	6.516	0	505	26.12	6.722	-0.038	12.92
2/20/2011 17:00	13876	17.74	283.4	10.56	27.84	14.52	282.7	13.47	24.26	74.45	75.01	11.87	8.06	0	317.4	26.11	6.687	-0.035	12.98
2/20/2011 18:00	13877	12.14	286	9.91	22.47	9.89	284.8	13.23	18.89	72.99	73.09	12.02	8.42	0	151.4	26.09	6.637	-0.05	12.97
2/20/2011 19:00	13878	7.561	298.3	12.47	15.31	4.984	296.8	13.7	11.74	67.62	66.62	15.25	12.35	0	14.73	26.08	6.634	-0.003	12.91
2/20/2011 20:00	13879	7.019	307.9	9.76	11.74	3.888	307.5	11.8	9.95	64.24	61.29	17.68	16.17	0	0	26.06	6.624	-0.011	13.31
2/20/2011 21:00	13880	5.012	291.2	11.24	9.95	1.935	299.4	20.09	6.368	62.37	58.86	18.9	18.15	0	0	26.05	6.62	-0.003	12.62
2/20/2011 22:00	13881	3.072	251.8	30.69	8.16	0.471	175.5	37.26	4.578	60.67	56.43	19.54	19.65	0	0	26.04	6.615	-0.006	12.68
2/20/2011 23:00	13882	5.65	160.3	23.38	11.74	2.357	148.3	22.4	8.16	56.46	53.45	23.49	22.61	0	0	26.04	6.609	-0.006	13.68
2/21/2011 0:00	13883	2.633	103.7	21.07	6.368	1.263	61.63	11.93	4.578	56.02	53.58	23.9	23.17	0	0	26.04	6.604	-0.006	12.67
2/21/2011 1:00	13884	6.09	263.5	13.11	11.74	3.023	267.4	21.34	8.16	59.93	56.52	18.76	18.91	0	0	26.04	6.6	-0.004	12.67
2/21/2011 2:00	13885	9.82	284.7	6.887	15.31	6.825	286.2	9.74	11.74	58.14	56.79	20.88	18.52	0	0	26.06	6.589	-0.01	12.58
2/21/2011 3:00	13886	9.45	302.1	15.46	15.31	6.588	300.3	14.89	11.74	57.59	56.49	22.39	19.81	0	0	26.08	6.583	-0.006	13
2/21/2011 4:00	13887	11.03	327.7	8.57	18.89	7.044	320.5	18.1	15.31	55.19	54.31	24.39	21.57	0	0	26.09	6.574	-0.009	12.27
2/21/2011 5:00	13888	13.49	347	10.07	26.05	5.671	348.9	25.66	17.1	51.02	50.68	33.87	30.24	0	0	26.11	6.572	-0.002	12.69
2/21/2011 6:00	13889	14.82	351.1	9.86	24.26	6.46	358	22.33	18.89	47.33	47.21	39.72	35.91	0	0	26.11	6.566	-0.006	12.6
2/21/2011 7:00	13890	14.41	359	13.5	24.26	8.38	5.249	20.05	20.68	45.56	45.51	41.46	37.58	0	0	26.12	6.556	-0.01	12.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/21/2011 8:00	13891	13.66	352.3	9.55	24.26	6.001	358.5	22.46	22.47	44.19	44.18	40.92	37	0	30.61	26.14	6.55	-0.006	12.51
2/21/2011 9:00	13892	18.79	345.1	8.73	33.21	10.53	346.8	22.15	24.26	47.26	47.97	34.61	30.15	0	256.8	26.17	6.521	-0.029	12.58
2/21/2011 10:00	13893	20.19	338.1	10.03	29.63	15.57	337.7	13.07	27.84	49.56	50.33	27.76	23.57	0	437.6	26.23	6.5	-0.021	12.44
2/21/2011 11:00	13894	18.23	338.2	11.08	27.84	14.62	337.1	13.12	26.05	53	54.15	22.31	18.03	0	630.8	26.27	6.481	-0.019	12.94
2/21/2011 12:00	13895	15.79	326	13.16	24.26	12.57	324.7	16.94	22.47	57.19	58.8	17.93	13.49	0	794.1	26.29	6.441	-0.04	12.76
2/21/2011 13:00	13896	11.43	310.8	18.96	22.47	9.59	311	20.7	18.89	60.41	61.6	15.14	10.86	0	754.8	26.3	6.425	-0.016	13.48
2/21/2011 14:00	13897	10.18	303.1	21.58	18.89	8.69	301.8	23.53	17.1	62.9	64.04	13.94	9.64	0	834	26.29	6.409	-0.016	12.75
2/21/2011 15:00	13898	9.58	291.6	21.07	20.68	8.24	290.5	24.34	17.1	65.22	66.21	13.82	9.53	0	770.4	26.28	6.381	-0.029	13.18
2/21/2011 16:00	13899	9.66	274	29.37	20.68	8.11	272.7	31.85	18.89	67.01	67.9	13.9	9.67	0	644.7	26.27	6.358	-0.022	13.07
2/21/2011 17:00	13900	8.19	255.4	18.64	18.89	6.839	254.7	18.69	17.1	68.22	69.08	13.76	9.62	0	461.7	26.26	6.349	-0.01	12.93
2/21/2011 18:00	13901	6.174	250.6	17.33	15.31	4.797	247	18.78	13.52	66.88	67.15	14.34	10.55	0	164.4	26.25	6.333	-0.016	13.08
2/21/2011 19:00	13902	4.51	198.9	27.26	8.16	2.779	190.4	44.05	6.368	65.34	64.46	14.88	11.85	0	47.1	26.24	6.324	-0.009	12.68
2/21/2011 20:00	13903	4.861	115.9	12.56	8.16	2.897	81.3	9.19	4.578	61.74	58.3	16.91	15.92	0	0.001	26.23	6.322	-0.002	12.55
2/21/2011 21:00	13904	7.426	65.59	15.2	11.74	4.146	60.98	15.7	8.16	56.08	54.02	22.24	20.42	0	0	26.22	6.313	-0.009	12.61
2/21/2011 22:00	13905	9.56	77.2	7.678	20.68	5.14	73.6	15.83	17.1	52.93	50.72	23.54	21.83	0	0	26.22	6.305	-0.008	12.24
2/21/2011 23:00	13906	12.91	92.4	8.17	20.68	8.58	90.5	15.85	15.31	48.39	47.79	36.96	33.43	0	0	26.23	6.293	-0.013	12.43
2/22/2011 0:00	13907	12.52	89.2	7.769	20.68	7.986	87.5	15.56	15.31	45.36	44.78	43.01	39.59	0	0	26.22	6.29	-0.003	12.27
2/22/2011 1:00	13908	12.09	86.4	8.83	18.89	7.608	83.9	16.43	15.31	42.95	42.35	46.2	42.83	0	0	26.21	6.287	-0.003	12.51
2/22/2011 2:00	13909	12.18	84.9	7.853	18.89	7.654	82.6	15.37	13.52	40.65	40.15	49.09	45.59	0	0	26.2	6.282	-0.005	12.42
2/22/2011 3:00	13910	12.73	85.7	9.01	20.68	8.08	82.5	16.86	15.31	39.03	38.57	51.17	47.61	0	0	26.18	6.273	-0.009	12.13
2/22/2011 4:00	13911	11.36	83.4	8.5	18.89	7.112	80.4	15.84	13.52	37.79	37.31	52.22	48.73	0	0	26.18	6.266	-0.006	12.35
2/22/2011 5:00	13912	8.38	66.17	7.756	11.74	5.192	62.93	14.3	9.95	34.75	34.34	56.42	52.67	0	0	26.17	6.244	-0.022	12.19
2/22/2011 6:00	13913	10.64	72.08	10.05	17.1	6.656	68.86	16.53	13.52	34.65	34.56	55.79	51.76	0	0	26.17	6.244	0	12.71
2/22/2011 7:00	13914	12.84	84.3	8.87	20.68	8.25	82.5	16.79	15.31	37.98	38.28	50.57	46.13	0	0	26.19	6.241	-0.003	12.11
2/22/2011 8:00	13915	9.96	90.1	10.82	15.31	6.685	88.2	17.78	11.74	38.91	39.25	49.36	44.91	0	9.31	26.21	6.238	-0.003	12.39
2/22/2011 9:00	13916	8.28	93.6	12.52	13.52	5.711	91.9	19.91	11.74	40.49	41.08	48.02	43.36	0	52.02	26.24	6.227	-0.011	12.53
2/22/2011 10:00	13917	7.9	88.9	12.01	13.52	5.49	85	18.73	9.95	42.69	43.71	46.37	41.31	0	141.4	26.26	6.204	-0.023	14.95
2/22/2011 11:00	13918	8.1	109.1	19.91	13.52	5.759	106.1	27.71	11.74	48	50.09	45.9	39.86	0	481.7	26.29	6.188	-0.016	12.73
2/22/2011 12:00	13919	7.255	155.5	28.41	13.52	5.226	157.8	34.16	11.74	54.75	57.29	44.07	37.86	0	758.7	26.36	6.179	-0.008	15.03
2/22/2011 13:00	13920	8.66	169.1	23.63	17.1	6.161	172.9	28.73	13.52	59.67	62.44	42.61	36.09	0	825	26.37	6.168	-0.011	12.97
2/22/2011 14:00	13921	8.96	183	24.99	17.1	6.605	186.7	29.02	13.52	64.45	66.95	39.51	33.48	0	821	26.36	6.158	-0.01	12.93
2/22/2011 15:00	13922	8.05	201.7	29.09	17.1	6.13	202.8	33.23	15.31	67.84	69.83	31.32	26.09	0	758.1	26.34	6.145	-0.013	13
2/22/2011 16:00	13923	6.826	188.9	33.27	15.31	5.087	190.8	35.57	13.52	70.24	71.76	27.18	22.59	0	626.4	26.33	6.132	-0.013	13.16
2/22/2011 17:00	13924	6.934	199.6	24.09	13.52	5.087	201.4	26.93	11.74	71.33	72.62	22.62	18.32	0	446.7	26.31	6.113	-0.019	12.96
2/22/2011 18:00	13925	8.06	193.2	20.15	13.52	5.683	194.5	22.11	9.95	70.75	71.76	22.13	18.05	0	238.6	26.29	6.094	-0.019	12.85
2/22/2011 19:00	13926	6.798	159	9.41	11.74	3.119	149.7	21.17	9.95	66.31	64.63	27.32	25.22	0	35.63	26.27	6.083	-0.012	14.34
2/22/2011 20:00	13927	7.444	135.9	15.77	9.95	2.831	103.9	14.56	6.368	60.12	55.43	32.13	32.58	0	0.001	26.24	6.075	-0.008	13.98
2/22/2011 21:00	13928	8.12	124.9	6.644	11.74	3.528	111.1	13.09	6.368	56.14	53.09	50.6	49.18	0	0	26.21	6.066	-0.009	12.57
2/22/2011 22:00	13929	7.244	132.2	7.902	13.52	2.159	109.3	14.1	8.16	55.06	51.11	56.96	58.22	0	0	26.2	6.064	-0.002	12.69
2/22/2011 23:00	13930	8.32	129.2	8.98	11.74	3.274	107.9	13.97	6.368	54.54	50.35	58.01	59.51	0	0	26.19	6.058	-0.006	12.68
2/23/2011 0:00	13931	6.198	125.1	12.68	13.52	2.254	119.1	13.44	8.16	52.68	50.52	64.52	63.23	0	0	26.18	6.058	0	12.75
2/23/2011 1:00	13932	3.316	161.1	24.83	6.368	0.055	186.9	3.221	2.789	50.51	48.57	76.56	73.98	0	0	26.18	6.055	-0.003	12.28
2/23/2011 2:00	13933	3.81	201.2	11.86	6.368	0.019	194.4	1.054	2.789	49.99	47.93	86.9	81.8	0	0	26.17	6.052	-0.003	12.23
2/23/2011 3:00	13934	3.747	225.9	11.23	6.368	0.009	285.4	0.428	2.789	49.64	47.21	93.5	86.4	0	0	26.17	6.052	0	12.25
2/23/2011 4:00	13935	5.46	178.9	17.18	9.95	0.753	170.6	10.38	6.368	50.56	48.8	94.5	88.2	0	0	26.16	6.049	-0.003	12.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/23/2011 5:00	13936	5.388	184.5	13.91	9.95	1.477	184.6	13.47	6.368	51.78	51.28	92.8	87.6	0	0	26.16	6.049	0	12.32
2/23/2011 6:00	13937	4.678	186.7	12.5	8.16	0.796	193.1	8.55	6.368	52.39	51.82	92.3	86.8	0	0	26.17	6.049	0	12.76
2/23/2011 7:00	13938	4.865	246	25.07	8.16	2.594	250.2	25.59	4.578	52.23	52.06	90.6	85	0	0	26.19	6.048	0	12.51
2/23/2011 8:00	13939	2.14	267.2	46.9	6.368	0.55	351.7	34.62	4.578	53.02	52.51	88.6	83.3	0	12.02	26.21	6.048	0	12.67
2/23/2011 9:00	13940	4.734	239.4	18.02	8.16	3.032	238.5	16.45	8.16	55.58	55.51	84.5	78.95	0	186.1	26.22	6.044	-0.005	12.79
2/23/2011 10:00	13941	5.793	254.7	21.2	9.95	4.6	253.3	23.6	8.16	59.16	59.74	72.95	67.16	0	423.2	26.27	6.037	-0.007	12.9
2/23/2011 11:00	13942	8.32	280.4	20.08	15.31	6.958	279.3	23.25	13.52	63.96	64.75	45.11	40.69	0	614.5	26.32	6.029	-0.008	12.95
2/23/2011 12:00	13943	12.37	283.2	17.97	20.68	10.26	282.4	21.75	17.1	69.48	70.52	20.43	16.61	0	753.7	26.33	6.009	-0.02	12.89
2/23/2011 13:00	13944	11.65	265.5	20.23	22.47	9.5	264.1	22.1	18.89	72.81	74.06	13.86	9.87	0	826	26.33	5.996	-0.013	14.89
2/23/2011 14:00	13945	11.25	248.7	22.02	22.47	9.09	248	23.47	18.89	74.15	75.44	13.17	9.05	0	832	26.31	5.964	-0.032	12.96
2/23/2011 15:00	13946	13.46	237.2	21.15	24.26	10.55	237.5	21.94	20.68	74.9	76.46	12.71	8.47	0	765.9	26.28	5.939	-0.025	12.96
2/23/2011 16:00	13947	15.32	221.6	17.1	26.05	11.31	221.6	17.97	20.68	75.21	76.76	12.97	8.72	0	632.9	26.26	5.901	-0.038	14.73
2/23/2011 17:00	13948	16.37	230.9	14.42	29.63	11.96	230.7	15.68	22.47	75.16	76.25	11.03	6.982	0	452.1	26.24	5.863	-0.038	12.96
2/23/2011 18:00	13949	14.97	227.9	14.27	29.63	10.24	227.1	18.06	24.26	74.49	75	12.38	8.61	0	240.9	26.22	5.835	-0.028	15.24
2/23/2011 19:00	13950	10.08	264.7	13.59	22.47	4.534	277.5	28.23	11.74	70.89	70.05	10.06	6.814	0	35.02	26.2	5.823	-0.012	12.83
2/23/2011 20:00	13951	4.088	295.7	61.39	9.95	2.318	7.242	59.9	8.16	65.54	60.37	13.06	12.62	0	0.003	26.16	5.815	-0.008	12.71
2/23/2011 21:00	13952	2.112	321.2	13.09	6.368	0.997	61.64	23.13	4.578	61.09	56.38	16.07	16.96	0	0	26.13	5.806	-0.009	13.02
2/23/2011 22:00	13953	3.925	137.4	22.18	9.95	2.805	88.4	10.7	4.578	59.52	51.16	17	20.62	0	0	26.11	5.801	-0.005	12.81
2/23/2011 23:00	13954	3.759	116.7	23.46	9.95	1.386	87.5	27.38	4.578	56.54	52.12	18.57	18.48	0	0	26.1	5.798	-0.003	13.18
2/24/2011 1:00	13955	2.974	315	60.4	11.74	0.909	290.5	47.46	8.16	56.91	50.47	18.24	21.71	0	0	26.08	5.789	-0.01	12.66
2/24/2011 2:00	13956	4.02	222.2	52.32	11.74	1.609	213.2	49.86	8.16	55.49	52.47	19.36	19.44	0	0	26.08	5.785	-0.003	12.79
2/24/2011 3:00	13957	3.38	240	57.81	9.95	0.89	311.9	42.32	6.368	54.88	51.97	19.07	19.2	0	0	26.09	5.782	-0.003	13.1
2/24/2011 4:00	13958	9.52	285.9	9.99	18.89	6.297	288.4	11.95	15.31	55.86	53.91	18.55	16.49	0	0	26.08	5.766	-0.016	12.32
2/24/2011 5:00	13959	13.33	286.7	7.665	20.68	10.35	288.7	10.22	18.89	55.16	54.67	19.42	16.12	0	0	26.09	5.759	-0.007	13.19
2/24/2011 6:00	13960	12.52	285.6	7.366	20.68	9.58	287.6	10.23	18.89	53.54	52.93	21.39	18.16	0	0	26.1	5.747	-0.012	12.79
2/24/2011 7:00	13961	11.41	277.7	10.26	18.89	8.22	282.3	12.62	17.1	51.45	50.77	24.08	20.87	0	0	26.1	5.741	-0.006	12.87
2/24/2011 8:00	13962	19.89	267.8	11.47	42.15	12.9	275.6	18.33	31.42	51.93	51.6	29	25.43	0	23.02	26.1	5.684	-0.057	12.75
2/24/2011 9:00	13963	21.45	257.9	10.98	34.99	10.9	270.1	25.74	29.63	54.5	55.01	28.77	24.48	0	222.4	26.15	5.682	-0.002	12.69
2/24/2011 10:00	13964	23.8	262	11.34	38.57	13.8	272.3	22.57	33.21	56.22	57.17	25.88	21.38	0	436.6	26.2	5.653	-0.029	13.86
2/24/2011 11:00	13965	22.72	274	13.21	36.78	16.29	280.4	16.18	29.63	57.39	58.47	23.8	19.26	0	634.7	26.24	5.637	-0.016	14.52
2/24/2011 12:00	13966	20.34	285.3	12.57	33.21	16.24	287.8	14.28	29.63	58.79	60.04	22.68	18.01	0	773.9	26.27	5.626	-0.011	13.17
2/24/2011 13:00	13967	18	293.8	15.25	29.63	14.53	297	15.87	24.26	60.82	62.18	19.7	15.08	0	849	26.28	5.61	-0.016	12.99
2/24/2011 14:00	13968	17.5	294.5	14.09	29.63	14.29	296.2	15.69	26.05	62.13	63.59	16.66	12.06	0	860	26.28	5.579	-0.032	13.76
2/24/2011 15:00	13969	18.84	283.7	14.9	31.42	15.48	283	17.06	27.84	63.33	64.74	14.26	9.72	0	796.4	26.27	5.566	-0.013	12.94
2/24/2011 16:00	13970	18.94	282.8	12.66	29.63	15.61	281.9	15.45	24.26	64.34	65.56	13.18	8.75	0	661.8	26.26	5.541	-0.025	13.01
2/24/2011 17:00	13971	15.65	264.7	17.17	27.84	12.58	263.5	19.19	24.26	65.4	66.37	13.11	8.81	0	476.2	26.26	5.518	-0.022	12.96
2/24/2011 18:00	13972	13.06	258	13.79	24.26	10.33	255.6	15.28	20.68	65.69	66.21	12.11	8.08	0	265.4	26.25	5.496	-0.022	12.99
2/24/2011 19:00	13973	11.54	252	10.98	22.47	8.49	249.3	11.25	15.31	62.83	62.52	12.44	8.78	0	51.43	26.25	5.478	-0.018	13.01
2/24/2011 20:00	13974	10.42	248.1	8.1	17.1	7.111	247.2	9.3	13.52	57.27	56.47	17.15	13.76	0	0.041	26.24	5.466	-0.012	12.92
2/24/2011 21:00	13975	11.9	257.1	9.34	20.68	8.74	254.8	10.06	15.31	55.6	54.99	20.42	17	0	0	26.24	5.454	-0.012	12.24
2/24/2011 22:00	13976	7.775	246.4	26.21	15.31	4.801	242.3	33.31	11.74	52.18	51.15	23.26	20.18	0	0	26.25	5.433	-0.021	12.83
2/24/2011 23:00	13977	6.315	218.3	37.84	13.52	3.237	202.2	47.69	8.16	48.2	44.85	25.94	24.85	0	0	26.24	5.427	-0.006	12.57
2/25/2011 0:00	13978	5.549	290.1	20.52	9.95	2.175	287.8	29.38	6.368	46.85	44.87	27.7	25.58	0	0	26.23	5.424	-0.003	12.73
2/25/2011 1:00	13979	5.74	317.9	7.081	9.95	2.575	324.1	6.863	6.368	45.2	42.58	29.47	28.12	0	0	26.22	5.422	-0.002	13.66
2/25/2011 2:00	13980	5.818	318.3	9.18	8.16	1.96	328.4	10.24	4.578	44.29	41.17	30.48	29.47	0	0	26.2	5.419	-0.003	13.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/25/2011 3:00	13981	7.392	311.3	11.53	11.74	2.875	319.6	14.98	6.368	44.23	40.5	30.97	30.69	0	0	26.19	5.416	-0.003	12.67
2/25/2011 4:00	13982	4.823	335.3	36.27	9.95	2.916	357.3	50.91	6.368	43.51	40.47	31.31	30.51	0	0	26.19	5.413	-0.003	12.34
2/25/2011 5:00	13983	3.319	229.1	45.24	6.368	0.78	161.9	12.79	4.578	40.37	34.91	34.42	35.99	0	0	26.18	5.41	-0.003	12.18
2/25/2011 6:00	13984	2.894	184.1	23.63	6.368	0.134	253.3	16.99	4.578	37.94	34.19	36.46	36.87	0	0	26.17	5.407	-0.003	12.43
2/25/2011 7:00	13985	6.917	82.9	34.63	13.52	4.213	62.49	19.55	11.74	36.2	33.74	40.82	39.24	0	0	26.18	5.408	0	12.69
2/25/2011 8:00	13986	9.49	82.9	10.57	15.31	5.747	77.84	16.98	9.95	30.25	29.82	61.65	56.78	0	27.04	26.2	5.405	-0.002	12.5
2/25/2011 9:00	13987	11.41	83.5	8.47	18.89	7.356	79.62	16.89	15.31	33.07	34.15	68.44	61.46	0	225.2	26.22	5.397	-0.008	12.6
2/25/2011 10:00	13988	11.4	96.6	11.83	18.89	8.09	95.3	19	15.31	37.46	39.54	61.76	54.4	0	441.3	26.27	5.386	-0.011	12.35
2/25/2011 11:00	13989	10.79	117.5	13.73	17.1	7.657	116.7	21.5	13.52	43.13	45.9	49.61	42.6	0	639.4	26.3	5.376	-0.011	12.4
2/25/2011 12:00	13990	11.44	158.7	24.69	22.47	8.03	160.2	27.55	17.1	51.65	54.44	35.05	29.11	0	782.5	26.34	5.365	-0.011	14.37
2/25/2011 13:00	13991	15.61	197	12.65	26.05	11.01	198.8	16.16	18.89	59.76	62.29	21.39	16.42	0	858	26.33	5.351	-0.014	12.3
2/25/2011 14:00	13992	20.64	210.8	12.85	34.99	14.49	212	15.3	27.84	67.06	69.36	14.22	9.66	0	857	26.3	5.331	-0.019	12.19
2/25/2011 15:00	13993	21.76	213.4	11.89	31.42	15.35	214.5	14.37	24.26	69.39	71.45	10.65	6.237	0	794.6	26.28	5.299	-0.032	12.1
2/25/2011 16:00	13994	20.86	218.4	12.13	33.21	14.78	219.2	14.05	26.05	71.11	72.73	9.9	5.601	0	665.4	26.26	5.27	-0.029	14.12
2/25/2011 17:00	13995	22.15	219.4	11.69	33.21	15.65	219.7	14.32	27.84	72.54	73.65	9.34	5.227	0	485	26.23	5.236	-0.035	12.31
2/25/2011 18:00	13996	20.53	218.8	9.79	31.42	14.32	219.2	12.56	24.26	72.46	72.92	9.36	5.495	0	272.6	26.22	5.201	-0.034	12.34
2/25/2011 19:00	13997	14.71	229.2	8.77	26.05	10.27	228.9	11.07	22.47	69.26	68.8	10.7	7.205	0	54.41	26.21	5.179	-0.022	12.42
2/25/2011 20:00	13998	9.96	239.7	8.71	17.1	6.358	239.6	11.49	13.52	63.55	62.46	12.86	9.65	0	0.043	26.19	5.165	-0.014	12.28
2/25/2011 21:00	13999	4.51	194.8	42.26	8.16	1.891	126.9	63.4	4.578	56.53	53.2	16.51	14.73	0	0	26.18	5.156	-0.009	14.61
2/25/2011 22:00	14000	5.495	226.1	15.93	8.16	2.034	233.5	33.66	4.578	55.26	51.15	17.26	16.09	0	0	26.15	5.151	-0.005	15.09
2/25/2011 23:00	14001	7.188	239.6	8.49	9.95	3.117	252.7	11.68	6.368	50.98	47.5	19.54	18.28	0	0	26.14	5.145	-0.006	12.22
2/26/2011 0:00	14002	5.865	235.2	25.86	11.74	2.199	237.4	45.48	8.16	48.77	43.98	20.27	20.21	0	0	26.13	5.141	-0.003	12.23
2/26/2011 1:00	14003	5.156	261.2	35.68	11.74	2.348	306.6	23.72	8.16	49.26	44.47	18.82	19.13	0	0	26.1	5.14	-0.002	12.63
2/26/2011 2:00	14004	5.904	307	15.17	9.95	2.344	305.8	23.43	6.368	49.08	45.25	19.83	19.35	0	0	26.1	5.136	-0.004	12.72
2/26/2011 3:00	14005	5.13	298.6	33.1	9.95	2.631	293.5	57.69	6.368	47.78	44.36	20.38	19.32	0	0	26.09	5.133	-0.003	12.61
2/26/2011 4:00	14006	6.712	307.2	9.31	11.74	2.056	300.3	21.28	6.368	47.68	42.85	20.65	20.73	0	0	26.07	5.131	-0.003	12.53
2/26/2011 5:00	14007	6.223	214.1	58.71	13.52	2.131	235	50.82	9.95	45.45	40.77	21.88	22.27	0	0	26.06	5.127	-0.003	12.28
2/26/2011 6:00	14008	2.386	183.2	20.64	6.368	0.29	23.89	20.63	2.789	41.56	38.09	23.92	23.75	0	0	26.06	5.124	-0.003	12.93
2/26/2011 7:00	14009	5.219	167	8.65	8.16	0.766	125.4	10.34	4.578	43.22	38.54	22.44	22.58	0	0	26.05	5.121	-0.003	12.33
2/26/2011 8:00	14010	3.954	173	19.38	6.368	0.409	164.8	20.39	4.578	41.76	38.98	26.45	24.5	0	30.12	26.06	5.121	0	12.9
2/26/2011 9:00	14011	6.06	176.9	19.93	9.95	3.742	178.8	23.64	8.16	48.09	48.56	22.79	18.79	0	236.1	26.1	5.11	-0.011	12.34
2/26/2011 10:00	14012	7.026	219.1	11.66	9.95	5.318	220.5	15.73	9.95	56.39	57.34	15.81	11.7	0	455.8	26.18	5.105	-0.005	13.07
2/26/2011 11:00	14013	9.28	216.6	16.14	15.31	6.908	216.9	18.21	13.52	64.31	65.82	11.45	7.234	0	650.8	26.25	5.094	-0.011	13.12
2/26/2011 12:00	14014	10.62	213	17.14	22.47	7.894	214	18.92	18.89	69.79	71.66	8.24	3.923	0	789.4	26.28	5.08	-0.013	15.35
2/26/2011 13:00	14015	15.53	232.6	17.37	26.05	11.52	232.4	18.79	18.89	72.13	73.78	6.968	2.661	0	867	26.27	5.064	-0.016	13.11
2/26/2011 14:00	14016	15.83	236.2	17.61	26.05	11.9	235.6	18.98	22.47	74.36	76.04	5.202	1.793	0	874	26.24	5.026	-0.038	13.06
2/26/2011 15:00	14017	18.45	237.5	14.6	31.42	13.66	237.6	16.2	27.84	76.02	77.47	5.023	1.744	0	789.7	26.21	5.007	-0.019	13.07
2/26/2011 16:00	14018	20.17	232.6	13.82	43.94	14.53	232.6	15.94	29.63	77.27	78.61	3.977	1.748	0	692.5	26.17	4.969	-0.038	13.01
2/26/2011 17:00	14019	17.56	243.3	11.87	29.63	12.83	243.4	14.18	26.05	77.19	77.98	4.386	1.745	0	457.7	26.15	4.938	-0.032	13.15
2/26/2011 18:00	14020	14.3	234.6	11.58	27.84	10.24	234.7	13.42	24.26	76.23	76.45	5.027	1.742	0	226	26.14	4.89	-0.048	15.23
2/26/2011 19:00	14021	8.03	240.3	7.995	17.1	4.406	240.3	10.84	13.52	71.21	69.89	6.699	3.243	0	20.38	26.12	4.881	-0.009	15.25
2/26/2011 20:00	14022	0.747	178.4	32.85	4.578	2.316	70.57	16.21	4.578	64.85	61.82	9.07	6.909	0	0.017	26.08	4.876	-0.005	12.84
2/26/2011 21:00	14023	1.49	44.3	62.89	6.368	1.596	90	23.11	4.578	63.4	59.07	9.95	8.95	0	0	26.06	4.867	-0.009	12.83
2/26/2011 22:00	14024	2.989	64.43	50.89	8.16	2.708	67.47	39.41	8.16	62.12	54.59	9.51	10.82	0	0	26.04	4.861	-0.006	14.93
2/26/2011 23:00	14025	6.461	89.7	18.67	11.74	3.547	71.85	16.33	6.368	59.49	52.16	10.86	12.62	0	0	26.02	4.859	-0.002	12.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/27/2011 0:00	14026	6.42	97.6	17.64	9.95	3.101	70.37	16.35	6.368	58.56	53.41	24.56	20.64	0	0	26	4.856	-0.003	12.54
2/27/2011 1:00	14027	5.011	118.1	21.45	11.74	2.005	69.9	14	6.368	59.3	55.22	51.95	49.65	0	0	25.99	4.853	-0.003	12.65
2/27/2011 2:00	14028	6.544	132.3	9.03	9.95	2.502	92.8	12.68	4.578	57.43	53.46	64.32	62.78	0	0	25.97	4.846	-0.007	12.59
2/27/2011 3:00	14029	4.136	117	30.49	9.95	0.725	108.4	6.113	4.578	56.33	53.87	72.54	70.23	0	0	25.95	4.846	0	12.63
2/27/2011 4:00	14030	3.829	260.7	34.12	11.74	0.832	285.8	9.91	8.16	55.19	52.89	76.55	73.46	0	0	25.94	4.846	0	12.84
2/27/2011 5:00	14031	3.215	301.4	25.51	9.95	1.197	297.6	7.411	8.16	51.98	50.49	73.2	69.25	0	0	25.93	4.847	0	12.63
2/27/2011 6:00	14032	3.874	181	12.47	8.16	0.628	146.9	5.214	4.578	51.21	47.9	79.56	75.69	0	0	25.92	4.843	-0.003	12.58
2/27/2011 7:00	14033	5.033	182.9	16.08	8.16	0.539	152.4	11.91	4.578	48.02	45.66	87.7	82.4	0	0	25.92	4.843	0	12.75
2/27/2011 8:00	14034	5.122	152	18.76	9.95	1.196	136.5	16.74	6.368	46.16	44.94	86.4	82.3	0	14.86	25.92	4.84	-0.003	13.04
2/27/2011 9:00	14035	2.119	197.4	31.06	8.16	0.308	182.4	10.2	4.578	49.52	49.05	67.59	64.3	0	181.1	25.93	4.831	-0.01	12.26
2/27/2011 10:00	14036	9.59	176.4	13.59	20.68	6.464	177.4	18.83	15.31	59.2	60.58	36.76	32.55	0	454.4	25.98	4.82	-0.011	12.82
2/27/2011 11:00	14037	15.83	193	10.9	26.05	10.86	195.2	15.04	18.89	67.73	69.55	11.04	7.114	0	650.3	26.03	4.805	-0.014	14.04
2/27/2011 12:00	14038	22.83	207.1	14.31	38.57	15.74	208.4	16.88	29.63	71.48	73.33	6.86	2.745	0	789.1	26.05	4.77	-0.036	13.16
2/27/2011 13:00	14039	29.79	231.3	11.6	49.31	21.44	231.4	13.88	38.57	74.11	75.38	3.067	1.74	0	850	26.04	4.722	-0.048	12.95
2/27/2011 14:00	14040	28.74	241.8	12.4	45.73	20.74	241	14.64	36.78	74.88	76.12	2.329	1.739	0	858	26.02	4.681	-0.041	12.98
2/27/2011 15:00	14041	25.91	259.4	12.76	40.36	19.86	258.3	13.75	34.99	73.17	74.39	2.697	1.739	0	764.1	26.01	4.63	-0.051	13.02
2/27/2011 16:00	14042	27.33	272.9	15.27	43.94	21.37	271.6	16.79	34.99	68.65	69.73	14.78	10.6	0	538.3	26.02	4.583	-0.047	12.97
2/27/2011 17:00	14043	28.25	277.9	11.77	43.94	22.59	276	14.22	38.57	63.38	64.22	24.21	19.81	0	381.3	26.03	4.545	-0.038	14.11
2/27/2011 18:00	14044	29.34	282.1	9.48	43.94	23.61	281.1	12.31	40.36	59.46	59.9	26.49	22.36	0	204.7	26.04	4.493	-0.053	12.79
2/27/2011 19:00	14045	30.07	281.4	9.08	49.31	24.17	279.8	12.23	43.94	55.03	55.17	28.97	25.05	0	37.93	26.06	4.464	-0.028	12.51
2/27/2011 20:00	14046	24.26	276.6	9.76	47.52	19.31	275	12.12	40.36	51.37	51.35	30.08	26.28	0	0.05	26.08	4.465	0.001	13.46
2/27/2011 21:00	14047	20.52	272.8	10.68	33.21	16.27	270.3	12.41	29.63	49.31	49.2	29.64	25.95	0	0	26.09	4.466	0.001	12.23
2/27/2011 22:00	14048	17.28	271.6	11.11	33.21	13.64	269	12.8	26.05	48.73	48.52	26.39	22.83	0	0	26.12	4.463	-0.003	12.53
2/27/2011 23:00	14049	16.78	284.1	10.98	33.21	13.32	282.6	14.35	27.84	47.58	47.3	21.47	18.01	0	0	26.16	4.437	-0.025	12.79
2/28/2011 0:00	14050	20.38	289.7	7.835	33.21	16.33	290.7	10.59	27.84	46.19	45.9	19.15	15.55	0	0	26.17	4.431	-0.006	12.21
2/28/2011 1:00	14051	17.62	284.5	10.21	61.83	13.94	284.4	12.7	49.31	44.8	44.51	20.07	16.45	0	0	26.19	4.431	0	12.25
2/28/2011 2:00	14052	13.67	269	9.49	22.47	10.48	266.4	10.78	18.89	43.34	42.93	21.37	17.83	0	0	26.21	4.431	0	12.2
2/28/2011 3:00	14053	11.95	281.8	14.16	20.68	9.17	281	16.81	17.1	41.08	40.66	23.15	19.55	0	0	26.22	4.432	0.001	12.16
2/28/2011 4:00	14054	13.98	299.9	7.265	20.68	11	301.8	8.23	17.1	39.18	38.9	25.92	22.15	0	0	26.21	4.429	-0.003	12.22
2/28/2011 5:00	14055	14.71	308.9	7.884	22.47	11.69	310	8.23	18.89	38.13	37.86	27.58	23.83	0	0	26.24	4.426	-0.003	12.31
2/28/2011 6:00	14056	12.55	324.4	9.96	20.68	9.92	324.6	10.69	17.1	37.95	37.56	29.27	25.54	0	0	26.27	4.426	0	12.37
2/28/2011 7:00	14057	11.63	339.9	11.83	20.68	8.99	337.9	13.24	17.1	40.28	39.78	31.25	27.7	0	0	26.31	4.426	0	12.37
2/28/2011 8:00	14058	10.66	355.9	10.22	20.68	7.989	352	12.15	17.1	37.68	37.48	40.35	35.96	0	31.86	26.36	4.426	0	13.02
2/28/2011 9:00	14059	15.22	1.953	9.58	24.26	11.43	0.155	12.28	22.47	39.51	39.79	48.54	43.66	0	238.8	26.4	4.423	-0.003	14.91
2/28/2011 10:00	14060	14.75	15.52	10.68	22.47	11.04	14.54	12.24	20.68	43.33	43.92	43.43	38.7	0	456.5	26.47	4.415	-0.008	13.78
2/28/2011 11:00	14061	13.72	35.64	15.95	22.47	8.76	33.25	17.88	18.89	47.83	49.12	36.58	31.57	0	659.8	26.53	4.407	-0.008	13.02
2/28/2011 12:00	14062	11.14	48.8	19.98	18.89	7.278	44.08	23.21	15.31	52.28	54.25	31.31	26.02	0	805	26.58	4.401	-0.006	12.71
2/28/2011 13:00	14063	8.53	85.2	32.9	15.31	6.211	82.3	39.11	11.74	55.99	58.68	26.81	21.43	0	881	26.61	4.39	-0.011	12.82
2/28/2011 14:00	14064	6.732	97	54.52	15.31	4.959	94.5	62.81	13.52	59.48	62.2	23.42	18.23	0	882	26.62	4.38	-0.01	12.73
2/28/2011 15:00	14065	5.517	41.12	51.3	13.52	4.111	29.86	52.6	9.95	61.8	63.32	20.8	16.28	0	816	26.61	4.371	-0.01	12.92
2/28/2011 16:00	14066	5.603	115.4	44.93	13.52	4.198	114.9	50.75	13.52	64.06	66.08	18.11	13.57	0	680.8	26.6	4.358	-0.013	12.85
2/28/2011 17:00	14067	6.377	149.3	42.31	15.31	4.656	152.1	49.04	11.74	64.09	65.99	17.37	12.76	0	494.9	26.6	4.342	-0.015	13.05
2/28/2011 18:00	14068	4.877	145.7	30.51	11.74	3.506	144.2	33.6	9.95	64.14	65.37	16.27	12.13	0	276.1	26.59	4.33	-0.012	12.92
2/28/2011 19:00	14069	5.306	131	16.69	8.16	2.914	124.7	23.63	6.368	60.65	59.83	17.98	14.83	0	57.25	26.57	4.321	-0.009	14.42
2/28/2011 20:00	14070	7.794	120.2	8.03	9.95	3.311	97.2	10.49	4.578	54.42	49.32	21.99	21.59	0	0.065	26.52	4.316	-0.005	12.51

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/28/2011 21:00	14071	8.44	145	9.98	9.95	3.048	124.9	13.78	4.578	50.21	44.86	25.16	25.36	0	0	26.5	4.31	-0.005	12.64
2/28/2011 22:00	14072	6.875	145.4	6.389	9.95	1.932	112.3	10.97	4.578	47.19	42.72	27.76	27.49	0	0	26.48	4.304	-0.006	12.71
2/28/2011 23:00	14073	4.759	161.1	29.13	8.16	0.425	146.4	37.55	4.578	44.6	40.87	30.03	29.4	0	0	26.48	4.302	-0.002	12.26
3/1/2011 0:00	14074	4.607	141.2	18.32	8.16	1.324	89.5	18.16	4.578	44.09	40.54	31.2	30.28	0	0	26.46	4.299	-0.003	12.78
3/1/2011 1:00	14075	1.125	253.6	27.39	4.578	0.294	321.4	5.67	2.789	42.29	38.97	33.32	32.69	0	0	26.44	4.296	-0.003	12.42
3/1/2011 2:00	14076	1.281	141.8	6.505	4.578	0.898	72.11	5.47	4.578	42.19	39.67	34.17	32.59	0	0	26.43	4.296	0	12.55
3/1/2011 3:00	14077	1.581	150.2	16.35	4.578	0.748	76.27	6.064	2.789	40.75	39.1	36.92	34.4	0	0	26.42	4.293	-0.003	12.52
3/1/2011 4:00	14078	2.698	196.1	17.91	4.578	0.073	348.6	2.656	2.789	40.4	36.87	40.04	39.27	0	0	26.41	4.29	-0.003	12.54
3/1/2011 5:00	14079	2.055	253.2	21.08	4.578	0.251	328.3	1.55	2.789	39.86	36.86	42.07	41.19	0	0	26.39	4.29	0	12.15
3/1/2011 6:00	14080	1.363	160.3	29.94	4.578	0.575	68.53	7.731	4.578	39.7	37.09	44.7	42.73	0	0	26.39	4.29	0	12.26
3/1/2011 7:00	14081	2.952	162.8	13.99	4.578	0.606	95.1	4.326	2.789	39.64	37.3	46.84	45.55	0	0	26.4	4.29	0	12.84
3/1/2011 8:00	14082	3.636	152.4	11.67	6.368	1.301	88.5	6.451	4.578	39.76	36.49	47.68	47.59	0	39.5	26.4	4.287	-0.003	12.5
3/1/2011 9:00	14083	5.251	184.9	20.06	17.1	2.861	194.4	18.52	9.95	45.1	45.81	40.91	36.14	0	245.4	26.44	4.286	-0.001	12.23
3/1/2011 10:00	14084	14.42	182.6	9.29	22.47	9.77	184.3	15.45	18.89	52.76	54.22	35.97	30.96	0	461.7	26.51	4.274	-0.011	12.63
3/1/2011 11:00	14085	17.11	183.8	10.75	24.26	11.67	186.1	15.76	18.89	57.84	59.88	29.61	24.51	0	652.3	26.55	4.267	-0.007	13.38
3/1/2011 12:00	14086	16.34	180.5	12.26	24.26	11.15	183	17.44	20.68	62.12	64.63	23.72	18.61	0	783.6	26.57	4.254	-0.014	14.41
3/1/2011 13:00	14087	14.94	187.3	13.64	22.47	10.35	189.4	18.07	18.89	65.39	68.2	18.84	13.82	0	878	26.56	4.241	-0.013	12.67
3/1/2011 14:00	14088	12.97	192.8	19.26	22.47	9.27	194.7	22.46	17.1	68.59	71.48	13.6	8.76	0	881	26.54	4.218	-0.023	12.95
3/1/2011 15:00	14089	11.86	196.3	18.99	22.47	8.62	198.3	21.85	17.1	70.75	73.28	12.5	7.791	0	785.5	26.51	4.193	-0.025	13.85
3/1/2011 16:00	14090	12.46	193.5	17.21	20.68	8.9	195.7	20.8	18.89	71.75	74.13	12.34	7.65	0	689.1	26.5	4.167	-0.025	13.07
3/1/2011 17:00	14091	13.26	196.9	14.58	20.68	9.36	198.6	18.23	17.1	72.37	74.14	11.41	6.996	0	492.3	26.48	4.136	-0.032	12.84
3/1/2011 18:00	14092	11.8	190.3	12.92	18.89	7.885	191.7	16.42	15.31	71.35	71.93	12.42	8.52	0	191.4	26.46	4.095	-0.041	12.87
3/1/2011 19:00	14093	7.856	178.7	21.39	15.31	3.947	174.3	31.35	11.74	68.03	66.06	14.39	11.66	0	31.94	26.43	4.086	-0.009	12.73
3/1/2011 20:00	14094	6.982	123.3	9.52	11.74	3.386	89.6	16.07	6.368	62.91	58.71	18.71	17.32	0	0.085	26.4	4.078	-0.008	12.47
3/1/2011 21:00	14095	8.9	128.8	12.93	11.74	4.464	122	21.71	9.95	59.66	57.19	21.69	19.53	0	0	26.38	4.068	-0.009	12.61
3/1/2011 22:00	14096	9.32	135.2	7.456	13.52	4.96	132.4	13.98	8.16	57.87	56.26	25.75	23.09	0	0	26.38	4.062	-0.006	12.72
3/1/2011 23:00	14097	9.88	135.2	7.709	15.31	5.52	133.6	14.65	11.74	56.61	55.34	29.42	26.66	0	0	26.37	4.059	-0.003	12.67
3/2/2011 0:00	14098	5.966	160.5	17.26	11.74	2.196	155.3	12.46	8.16	53.32	52.08	33.07	30.28	0	0	26.35	4.053	-0.006	12.58
3/2/2011 1:00	14099	4.975	196.6	11	8.16	0.839	195.8	4.355	4.578	50.64	48.31	36.32	34.52	0	0	26.33	4.05	-0.003	12.48
3/2/2011 2:00	14100	4.852	195	12.05	8.16	0.718	208.5	9.63	4.578	48.69	45.48	39.28	38.69	0	0	26.3	4.05	0	12.73
3/2/2011 3:00	14101	3.319	247.1	22.21	6.368	0.121	307.7	1.394	2.789	47.33	44.21	41.12	41	0	0	26.29	4.047	-0.003	12.48
3/2/2011 4:00	14102	3.25	253.3	30.18	8.16	0.743	317	5.925	4.578	47.05	42.1	41.75	43.58	0	0	26.27	4.045	-0.002	15.04
3/2/2011 5:00	14103	1.633	238.3	15.54	4.578	0.001	261.2	0	2.789	45.38	41.9	43.86	43.94	0	0	26.25	4.045	0	12.54
3/2/2011 6:00	14104	3.508	259.5	14.6	4.578	0.259	310.7	3.541	2.789	43.79	38.31	45.89	48.68	0	0	26.25	4.042	-0.003	12.94
3/2/2011 7:00	14105	4.323	289.4	12.91	8.16	1.77	309	10.28	4.578	43.05	39.08	47.2	48.44	0	0	26.25	4.042	0	12.21
3/2/2011 8:00	14106	3.195	269.6	22.49	6.368	0.296	307.8	3.923	4.578	42.38	39.21	47.76	47.72	0	39.59	26.27	4.039	-0.003	12.16
3/2/2011 9:00	14107	4.161	271.5	16.18	6.368	2.675	269.8	14.08	6.368	47.57	47.84	41.24	36.68	0	249.9	26.31	4.035	-0.004	12.67
3/2/2011 10:00	14108	5.441	303	19.54	9.95	4.559	304.2	21.52	9.95	57.37	57.82	28.55	24.83	0	465.6	26.39	4.03	-0.005	12.77
3/2/2011 11:00	14109	5.83	321.4	18.26	9.95	4.868	321.4	18.69	9.95	67.69	68.25	14.57	10.97	0	653.1	26.47	4.029	-0.001	12.71
3/2/2011 12:00	14110	5.806	36.61	31.32	9.95	4.129	29.61	35.05	9.95	73.25	74.62	9.07	5.14	0	786.8	26.51	4.025	-0.004	12.95
3/2/2011 13:00	14111	5.576	43.17	41.24	9.95	3.976	35.77	40.41	9.95	76.71	78.37	6.7	2.654	0	865	26.51	4.015	-0.01	12.96
3/2/2011 14:00	14112	5.074	6.286	65.34	11.74	3.86	359.7	66	9.95	79.15	80.6	5.262	1.755	0	869	26.49	3.999	-0.016	12.89
3/2/2011 15:00	14113	4.928	296.2	71.52	13.52	3.846	289.9	65.05	9.95	81.1	82.2	4.435	1.779	0	807	26.47	3.977	-0.022	12.94
3/2/2011 16:00	14114	5.043	235.2	53.7	13.52	4.071	236	49.77	11.74	81.9	82.6	4.089	1.8	0	674.2	26.45	3.955	-0.022	12.88
3/2/2011 17:00	14115	4.392	222.6	68.4	11.74	3.517	230.1	66.68	11.74	82.4	82.7	3.858	1.805	0	492.1	26.43	3.939	-0.016	15.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/2/2011 18:00	14116	5.396	211.5	37.46	15.31	3.797	216.7	34.85	11.74	82.1	82.4	4.276	1.789	0	278.4	26.41	3.92	-0.019	12.92
3/2/2011 19:00	14117	6.101	229.4	23.72	15.31	3.798	220.4	34.46	11.74	78.48	77.29	6.267	2.836	0	62.7	26.38	3.904	-0.016	12.81
3/2/2011 20:00	14118	3.506	143.4	41.42	6.368	1.73	78.78	28.26	4.578	72.64	67.97	8.29	6.446	0	0.123	26.34	3.896	-0.009	14.09
3/2/2011 21:00	14119	1.676	123.1	27.75	4.578	0.364	90.5	12.12	4.578	67.81	62.35	10.49	10.47	0	0	26.32	3.884	-0.012	14.65
3/2/2011 22:00	14120	3.559	215.1	28.97	8.16	0.884	146.3	35.43	4.578	64.51	59.67	12.49	11.18	0	0	26.3	3.859	-0.025	12.59
3/2/2011 23:00	14121	5.351	172	22.36	9.95	2.95	128.5	20.31	6.368	60.65	54.44	14.79	14.34	0	0	26.28	3.856	-0.003	12.74
3/3/2011 0:00	14122	8.87	151.8	10.76	13.52	4.149	142.7	18.37	8.16	55.49	52.18	22.95	20.85	0	0	26.26	3.854	-0.003	12.56
3/3/2011 1:00	14123	6.549	174.4	14.83	24.26	2.352	168.9	17.4	9.95	53.34	51.07	33.14	30.74	0	0	26.25	3.847	-0.006	12.95
3/3/2011 2:00	14124	4.088	192	13.5	8.16	0.024	188.1	2.477	2.789	50.84	48.16	40.32	38.23	0	0	26.24	3.844	-0.003	12.65
3/3/2011 3:00	14125	4.523	222.8	15.24	8.16	0.034	267.4	4.889	2.789	49.66	46.69	43.38	42.23	0	0	26.22	3.841	-0.003	12.6
3/3/2011 4:00	14126	4.181	220.4	17.4	8.16	0.333	266.6	12.94	4.578	47.7	45.41	47.46	45.11	0	0	26.19	3.842	0	12.51
3/3/2011 5:00	14127	3.883	242.2	12.26	6.368	0.668	300	7.066	4.578	47	43.85	50.1	48.77	0	0	26.19	3.839	-0.003	12.08
3/3/2011 6:00	14128	3.778	250.1	14.92	6.368	0.342	319.7	3.398	2.789	46.84	43.32	51.46	50.92	0	0	26.19	3.839	0	12.65
3/3/2011 7:00	14129	3.589	268.6	15.24	6.368	0.835	306.4	8.36	4.578	46.76	42.96	52.24	52.66	0	0	26.19	3.836	-0.003	12.78
3/3/2011 8:00	14130	5.598	283.7	12.01	8.16	3.368	306	14.04	4.578	48.34	44.99	51.01	50.53	0	35.8	26.2	3.836	0	12.64
3/3/2011 9:00	14131	4.764	257.9	15.3	8.16	3.375	259.7	15.69	8.16	54.16	54.17	41.77	37.7	0	265.2	26.24	3.834	-0.001	12.55
3/3/2011 10:00	14132	4.663	286	26.24	9.95	3.951	285.3	29.35	8.16	60.94	61.14	23.81	20.35	0	222.5	26.31	3.83	-0.004	12.67
3/3/2011 11:00	14133	4.869	274.5	32.92	9.95	3.974	272.4	37.29	9.95	69.01	69.45	17.55	13.86	0	658.3	26.35	3.823	-0.008	13.3
3/3/2011 12:00	14134	6.812	295.4	27.02	13.52	5.717	296	31.27	11.74	74.01	74.5	15.05	11.3	0	510.9	26.39	3.813	-0.01	12.7
3/3/2011 13:00	14135	5.94	258.4	43.7	15.31	4.664	255.2	40.44	13.52	77.95	78.73	13.92	9.98	0	699	26.38	3.803	-0.01	12.66
3/3/2011 14:00	14136	8.54	241.3	34.33	18.89	6.785	242.1	35.13	15.31	78.46	79.73	14.36	10.15	0	687.4	26.37	3.79	-0.013	12.58
3/3/2011 15:00	14137	10.92	250.6	17.38	20.68	8.87	249.5	18.37	17.1	77.56	78.38	14.71	10.71	0	526.8	26.34	3.765	-0.025	12.89
3/3/2011 16:00	14138	12.02	251	15.58	18.89	9.76	250.2	17.37	17.1	79.34	80.4	14.03	9.92	0	620	26.31	3.736	-0.029	14.55
3/3/2011 17:00	14139	13.03	261.9	13.94	24.26	10.53	261	15.56	20.68	79.5	80.3	14.32	10.32	0	381.3	26.29	3.702	-0.035	12.87
3/3/2011 18:00	14140	10.61	268.3	11.7	17.1	8.49	266.5	12.81	15.31	78.99	79.23	14.07	10.41	0	171.9	26.27	3.689	-0.013	12.99
3/3/2011 19:00	14141	4.67	287.9	23.2	11.74	2.526	288.3	22.78	9.95	76.48	75.08	15.03	12.41	0	38.71	26.26	3.686	-0.003	12.78
3/3/2011 20:00	14142	1.015	38.78	21.99	4.578	0.972	70.72	7.256	4.578	71.72	67.17	17.98	18.61	0	0.076	26.23	3.68	-0.006	14.5
3/3/2011 21:00	14143	3.72	133.6	37.09	9.95	1.436	90.1	19.83	6.368	69.63	62.89	19.14	20.46	0	0	26.21	3.675	-0.005	12.81
3/3/2011 22:00	14144	4.651	156.6	27.96	8.16	1.696	95.6	29.25	4.578	67.48	61.64	20.79	21.17	0	0	26.19	3.669	-0.006	12.81
3/3/2011 23:00	14145	2.664	203.1	46.75	6.368	1.248	74.11	37.93	4.578	62.36	57.96	24.36	24.1	0	0	26.18	3.665	-0.003	12.78
3/4/2011 0:00	14146	2.29	237.4	14.09	4.578	0.06	9.36	0.915	2.789	62.1	57.8	23.75	24.56	0	0	26.16	3.662	-0.003	12.87
3/4/2011 1:00	14147	4.281	257.7	20.34	6.368	0.735	290.2	29.84	4.578	62.97	57.57	20.9	23.3	0	0	26.14	3.659	-0.003	12.63
3/4/2011 2:00	14148	6.17	273.3	12.27	9.95	2.023	286.4	25.23	4.578	61.53	56.3	20.84	22.6	0	0	26.14	3.656	-0.003	12.48
3/4/2011 3:00	14149	8.09	258.7	14.61	11.74	3.034	255.1	24.24	8.16	62.13	57.55	19.95	20.05	0	0	26.13	3.65	-0.006	12.61
3/4/2011 4:00	14150	6.289	216.4	17.66	9.95	2.007	213.1	20.5	6.368	59.24	54.93	21.75	22.01	0	0	26.12	3.65	0	12.72
3/4/2011 5:00	14151	5.377	251.1	18.58	9.95	1.433	270.3	24.14	4.578	57.4	53.24	21.06	21.74	0	0	26.12	3.647	-0.003	14.84
3/4/2011 6:00	14152	7.877	291.3	14.14	15.31	4.134	301	15.1	9.95	56.63	53.68	19.79	19.17	0	0	26.13	3.641	-0.006	12.69
3/4/2011 7:00	14153	9.38	315.7	8.51	13.52	6.631	317.3	8.95	9.95	55.54	54.51	22.17	19.25	0	0	26.16	3.638	-0.004	12.58
3/4/2011 8:00	14154	8.82	324.1	5.89	11.74	5.924	321.7	9.7	9.95	53.87	52.55	25.3	22.67	0	18.64	26.18	3.631	-0.006	13.36
3/4/2011 9:00	14155	12.13	326.8	7.555	20.68	9	327.5	10.61	18.89	57.05	56.76	24.98	21.51	0	138	26.2	3.602	-0.029	12.65
3/4/2011 10:00	14156	16.42	336.6	10.19	29.63	13.01	335.5	11.9	26.05	63.83	64.08	21.13	17.37	0	360.1	26.25	3.596	-0.007	13.1
3/4/2011 11:00	14157	18.68	344.2	12.61	27.84	14.58	342.3	14	24.26	68.47	69.35	16.93	12.85	0	658.9	26.31	3.579	-0.017	12.98
3/4/2011 12:00	14158	16.89	348.9	14	27.84	13.02	346.7	16.07	26.05	68.47	69.97	17.59	13.02	0	822	26.34	3.575	-0.003	12.82
3/4/2011 13:00	14159	13.86	0.905	16.83	22.47	10.57	359.7	18.87	20.68	68.65	70.06	18.77	14.17	0	862	26.35	3.518	-0.058	14.77
3/4/2011 14:00	14160	11.77	353.5	22.36	22.47	9.07	352	25.24	18.89	70.24	71.7	18.34	13.73	0	879	26.34	3.502	-0.016	12.9

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/4/2011 15:00	14161	10.69	334.3	20.56	22.47	8.77	333.9	22.73	18.89	71.43	72.86	15.74	11.2	0	812	26.34	3.48	-0.022	12.83
3/4/2011 16:00	14162	9.99	318.6	29.5	24.26	8.3	317	31.56	18.89	72.5	73.56	13.81	9.46	0	680.8	26.33	3.442	-0.038	12.91
3/4/2011 17:00	14163	7.832	323	25.13	18.89	6.543	320.8	25.25	17.1	73.46	74.19	12.16	7.99	0	493.4	26.31	3.423	-0.019	12.9
3/4/2011 18:00	14164	8.43	333.5	27.18	15.31	7.015	333	27.5	13.52	72.36	72.81	12.14	8.11	0	274.8	26.31	3.41	-0.013	12.89
3/4/2011 19:00	14165	9.12	7.258	12.91	17.1	6.721	6.085	14.97	13.52	69.05	69.05	13.43	9.62	0	60.64	26.3	3.392	-0.019	12.91
3/4/2011 20:00	14166	8.03	13.02	11.56	13.52	5.226	8.95	14.24	9.95	62.87	62.17	17.12	13.59	0	0.122	26.29	3.383	-0.009	12.65
3/4/2011 21:00	14167	10.29	22.5	16.35	18.89	6.308	19.9	18.59	15.31	58.45	57.9	24.38	20.59	0	0	26.29	3.377	-0.006	14.45
3/4/2011 22:00	14168	13.1	11.6	10.77	20.68	9.65	9.59	11.59	18.89	58.23	58.1	31.17	27.23	0	0	26.32	3.367	-0.01	12.64
3/4/2011 23:00	14169	19.16	22.86	10.03	40.36	12.97	22.15	12.17	33.21	58.46	58.48	37.5	33.46	0	0	26.38	3.358	-0.01	12.81
3/5/2011 0:00	14170	12.62	34.56	21.12	24.26	7.801	32.28	23	18.89	56.65	56.64	41.84	38.14	0	0	26.42	3.348	-0.01	12.71
3/5/2011 1:00	14171	20.63	36.34	17.4	45.73	12.68	32.88	18.71	42.15	50.99	51.09	57.62	52.88	0	0	26.44	3.333	-0.016	12.61
3/5/2011 2:00	14172	26.08	31.81	11.18	43.94	15.65	30.07	12.88	38.57	42.83	43.06	72.09	66.83	0	0	26.46	3.33	-0.002	12.58
3/5/2011 3:00	14173	16.92	8.71	14.15	27.84	12.2	7.164	15.17	24.26	41.87	42.09	71.87	66.61	0	0	26.48	3.324	-0.006	12.23
3/5/2011 4:00	14174	14.79	12.89	10.33	24.26	11.33	12.47	11.18	22.47	40.9	41.04	73.14	67.94	0	0	26.47	3.322	-0.002	12.46
3/5/2011 5:00	14175	16.29	356.3	11.43	27.84	12.26	354.2	12.52	24.26	39.56	39.65	74.55	69.3	0	0	26.49	3.319	-0.003	12.62
3/5/2011 6:00	14176	14.21	13.32	10.3	26.05	10.92	12.55	10.6	26.05	38.29	38.39	74.92	69.61	0	0	26.49	3.316	-0.003	12.6
3/5/2011 7:00	14177	10.59	9.4	13.17	18.89	7.834	6.818	14.04	17.1	37.25	37.26	75.09	70.04	0	0	26.5	3.316	0	12.61
3/5/2011 8:00	14178	10.61	2.58	13.39	17.1	7.919	0.237	15.16	15.31	37.04	37.04	71.67	66.68	0	43.8	26.52	3.312	-0.003	14.92
3/5/2011 9:00	14179	12.27	8.21	10.67	20.68	9.32	7.008	13.27	18.89	38.65	39.1	64.54	59.21	0	251.8	26.56	3.312	0	12.61
3/5/2011 10:00	14180	12.96	17.18	12.34	20.68	9.33	16.09	14.4	18.89	41.4	42.19	55.04	49.82	0	480.4	26.61	3.308	-0.004	12.72
3/5/2011 11:00	14181	12.89	27.67	13.59	20.68	8.73	25.76	15.18	18.89	45.09	46.3	45.27	40.1	0	688.2	26.65	3.304	-0.004	12.64
3/5/2011 12:00	14182	13.53	37.97	14.91	22.47	8.52	35.97	16.94	18.89	49.19	50.89	35.7	30.58	0	836	26.67	3.294	-0.01	14.8
3/5/2011 13:00	14183	13.95	42.54	16.04	22.47	8.97	39.56	19.11	20.68	51.87	53.98	28.58	23.44	0	915	26.68	3.282	-0.013	12.69
3/5/2011 14:00	14184	11.92	40.6	22.04	20.68	7.812	36.57	24.34	17.1	54.3	56.47	23.28	18.29	0	920	26.66	3.265	-0.017	12.73
3/5/2011 15:00	14185	9.15	38.91	28.27	18.89	6.42	33.39	29.05	15.31	56.47	58.44	21.03	16.18	0	849	26.64	3.252	-0.013	12.67
3/5/2011 16:00	14186	6.605	67.98	48.28	15.31	4.784	62.64	51.07	13.52	58.85	60.44	18.79	14.3	0	711.2	26.63	3.233	-0.019	12.8
3/5/2011 17:00	14187	5.176	45.63	40.95	13.52	3.912	39.75	45.43	11.74	59.29	60.67	17.4	12.97	0	523.1	26.61	3.217	-0.016	12.8
3/5/2011 18:00	14188	5.025	74.24	33.2	13.52	3.6	67.24	36.86	11.74	58.77	59.66	17.12	13.03	0	297.3	26.58	3.205	-0.013	12.95
3/5/2011 19:00	14189	6.938	94	14.54	11.74	4.25	93.3	20.34	9.95	54.83	54.67	21.77	18.16	0	69.68	26.55	3.174	-0.031	12.84
3/5/2011 20:00	14190	7.618	92	7.805	9.95	3.718	87.9	12.05	6.368	48.66	45.14	26.25	24.86	0	0.067	26.51	3.159	-0.015	12.58
3/5/2011 21:00	14191	8.04	81.6	5.799	11.74	3.707	77.67	12.25	6.368	46.15	43.46	27.95	26.4	0	0	26.47	3.156	-0.003	12.19
3/5/2011 22:00	14192	8.62	95.1	8.88	11.74	3.978	88.5	10.27	6.368	42.87	39.15	31.89	30.87	0	0	26.45	3.154	-0.002	12.2
3/5/2011 23:00	14193	8.45	111.6	8.12	13.52	4.023	103	16.17	8.16	41.45	38.72	34.38	33.01	0	0	26.44	3.151	-0.003	12.6
3/6/2011 0:00	14194	8.85	122.5	6.465	11.74	4.218	115.2	13.82	8.16	40.53	38.27	35.21	33.58	0	0	26.41	3.147	-0.003	12.61
3/6/2011 1:00	14195	7.926	135.6	6.08	17.1	3.138	127.3	11.95	8.16	38.71	36.2	37.21	35.89	0	0	26.4	3.144	-0.003	15.16
3/6/2011 2:00	14196	2.572	215.1	29.94	8.16	0.456	279	13.22	2.789	35.99	33.69	39.53	38.03	0	0	26.38	3.141	-0.003	12.49
3/6/2011 3:00	14197	1.711	215.8	11.11	6.368	0.027	257.8	2.042	2.789	36	33.37	38.75	37.68	0	0	26.35	3.142	0.001	13.06
3/6/2011 4:00	14198	2.867	211.4	10.96	6.368	0.027	119.5	1.169	2.789	35.83	31.93	38.37	39.33	0	0	26.32	3.142	0	12.4
3/6/2011 5:00	14199	4.63	182.6	4.943	8.16	0.835	155.2	14.2	4.578	34.26	30.71	40.82	40.4	0	0	26.3	3.139	-0.003	12.23
3/6/2011 6:00	14200	4.501	174.5	15.33	8.16	0.82	170	15.06	4.578	32.37	30.07	43.55	41.9	0	0	26.28	3.136	-0.003	12.21
3/6/2011 7:00	14201	4.185	163.4	10.91	8.16	0.502	137.5	10.32	2.789	31.09	28.76	46.15	44.53	0	0	26.27	3.136	0	12.43
3/6/2011 8:00	14202	4.745	170	15.78	9.95	1.586	183.3	16.98	6.368	31.15	29.71	48.83	45.9	0	58.07	26.26	3.126	-0.01	13.26
3/6/2011 9:00	14203	11.44	174.3	9.8	20.68	7.345	176	15.2	15.31	41.2	41.87	39.96	35.38	0	259.9	26.29	3.129	0.002	12.5
3/6/2011 10:00	14204	17.64	180.9	10.22	27.84	11.54	182.8	14.58	22.47	47.79	49.33	33.64	28.59	0	490.6	26.35	3.124	-0.005	12.19
3/6/2011 11:00	14205	15.64	189.4	11.03	22.47	10.8	190.7	15.57	18.89	51.62	53.8	29.68	24.31	0	673.1	26.38	3.12	-0.004	13.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/6/2011 12:00	14206	14.25	187.8	13.15	22.47	10.01	189	17.58	18.89	55.94	58.57	25.8	20.32	0	802	26.39	3.1	-0.02	14.62
3/6/2011 13:00	14207	12.23	192.3	17.02	20.68	8.89	194.2	20.28	17.1	60.16	62.79	22.54	17.26	0	865	26.39	3.09	-0.01	13.42
3/6/2011 14:00	14208	14.01	203.4	14.78	22.47	10.31	205.8	17.92	20.68	62.83	65.43	20.6	15.37	0	854	26.36	3.075	-0.016	12.8
3/6/2011 15:00	14209	14.33	198.5	15.73	24.26	10.21	200.1	18.48	20.68	63.79	66.18	19.51	14.43	0	710.1	26.31	3.056	-0.019	12.76
3/6/2011 16:00	14210	14.3	196.2	13.38	24.26	10.14	196.9	17.5	18.89	64.56	66.38	18.59	13.86	0	512.8	26.28	3.027	-0.029	13.62
3/6/2011 17:00	14211	13.21	194.5	14.95	22.47	9.06	196.1	18.64	15.31	65.47	66.84	17.45	13.03	0	334.1	26.23	3.011	-0.016	12.72
3/6/2011 18:00	14212	13.32	195.2	11.9	22.47	9.01	196.8	15.68	17.1	66.03	66.71	16.83	12.8	0	223.6	26.2	2.989	-0.022	13.05
3/6/2011 19:00	14213	10.08	190.1	8.71	17.1	6.207	191	13.85	13.52	63.97	63.38	18.09	14.76	0	34.96	26.17	2.973	-0.016	12.88
3/6/2011 20:00	14214	7.581	170.9	7.602	11.74	3.359	165.5	12.35	6.368	59.03	56.83	21.62	19.34	0	0.06	26.14	2.965	-0.009	12.59
3/6/2011 21:00	14215	11.83	159.2	8.37	18.89	7.112	159	13.8	13.52	58.1	57.29	25.78	22.49	0	0	26.11	2.958	-0.006	12.96
3/6/2011 22:00	14216	14.08	157.9	8.24	22.47	8.64	158.4	14.2	17.1	55.98	55.44	29.67	26.3	0	0	26.1	2.949	-0.01	14.74
3/6/2011 23:00	14217	12.77	171.6	9.77	20.68	7.898	173.5	15.31	15.31	53.63	53.11	31.9	28.47	0	0	26.09	2.94	-0.009	12.65
3/7/2011 0:00	14218	10.37	185.5	9.12	17.1	6.434	188.7	14.04	11.74	51.83	51.18	34.1	30.8	0	0	26.06	2.93	-0.009	12.75
3/7/2011 1:00	14219	10.85	189.7	10.07	29.63	6.873	191.7	14.68	20.68	50.86	50.16	35.81	32.57	0	0	26.03	2.924	-0.006	12.59
3/7/2011 2:00	14220	6.172	188.2	10.94	11.74	3.221	187.4	15.92	6.368	48.57	47	38.72	36.38	0	0	26.02	2.918	-0.006	12.55
3/7/2011 3:00	14221	8.12	195.5	7.686	11.74	4.422	196.7	12.55	8.16	46.98	45.32	40.78	38.63	0	0	25.99	2.912	-0.006	12.66
3/7/2011 4:00	14222	6.516	202.4	8.09	11.74	3.453	204.3	12	8.16	44.84	43.34	43.31	41.03	0	0	25.97	2.909	-0.003	12.53
3/7/2011 5:00	14223	6.202	209.4	8.01	9.95	2.725	220.8	15.14	6.368	42.64	40.51	45.93	44.29	0	0	25.95	2.906	-0.003	12.68
3/7/2011 6:00	14224	4.707	225	8.93	8.16	1.606	240.9	9.33	4.578	41.08	39.01	47.93	46.28	0	0	25.95	2.906	0	12.57
3/7/2011 7:00	14225	2.968	226.4	12.45	8.16	0.305	257.8	13.53	2.789	40.92	38.4	48.09	47.11	0	0	25.94	2.9	-0.006	12.53
3/7/2011 8:00	14226	3.409	245	17.51	6.368	1.195	257	15.28	4.578	42.21	40.37	46.47	44.32	0	54.96	25.95	2.9	0	12.53
3/7/2011 9:00	14227	4.822	238.6	12.93	8.16	3.834	238	13.2	6.368	45.23	45.39	42.76	38.66	0	147.3	25.98	2.896	-0.004	12.53
3/7/2011 10:00	14228	5.823	214	11.36	9.95	4.454	214.2	14.41	8.16	51.17	51.72	34.74	30.55	0	264.8	26.02	2.896	0	12.63
3/7/2011 11:00	14229	9.09	240	18.28	20.68	7.396	238.9	20.2	20.68	62.21	63.02	23.11	19.12	0	619	26.06	2.872	-0.023	12.83
3/7/2011 12:00	14230	11.78	240.8	26	20.68	9.38	240.4	25.56	17.1	70.77	71.88	17.74	13.66	0	609.4	26.11	2.865	-0.007	12.75
3/7/2011 13:00	14231	18.58	269.3	14.66	34.99	15.11	267.9	16.4	29.63	73.68	74.72	17.16	13.06	0	675.2	26.11	2.814	-0.051	15.07
3/7/2011 14:00	14232	19.12	251.5	19.39	36.78	15.08	250	19.42	29.63	74.95	76.33	15.16	10.91	0	857	26.08	2.77	-0.044	12.9
3/7/2011 15:00	14233	16.65	229	17.7	29.63	12.63	229.3	18.82	24.26	76.36	78.12	13.58	9.18	0	835	26.06	2.767	-0.003	13.17
3/7/2011 16:00	14234	17.51	229.6	16.42	33.21	13.47	229.5	16.99	33.21	78.21	79.6	10.75	6.697	0	678.3	26.03	2.713	-0.054	12.87
3/7/2011 17:00	14235	22.95	245	12.03	40.36	17.84	244.5	12.95	33.21	79.25	79.71	8.59	4.827	0	338.5	25.99	2.665	-0.048	12.84
3/7/2011 18:00	14236	18.99	241.9	9.77	31.42	14.74	241.7	10.52	26.05	78.59	78.52	8.44	4.79	0	104.4	25.95	2.64	-0.025	13.04
3/7/2011 19:00	14237	19.51	239	9.64	45.73	14.87	238.5	10.63	38.57	78.33	78.05	8.69	5.09	0	37.56	25.94	2.596	-0.044	12.89
3/7/2011 20:00	14238	24.35	260.2	10.35	45.73	19.19	258.5	11.06	38.57	76.17	75.84	10.13	6.562	0	0.196	25.97	2.564	-0.032	12.87
3/7/2011 21:00	14239	21.65	260.6	9.95	38.57	17.05	258.4	10.64	33.21	74.03	73.67	10.55	6.986	0	0.005	25.98	2.548	-0.016	12.93
3/7/2011 22:00	14240	21.68	269.1	9.88	34.99	17.18	267	10.72	29.63	72.15	71.79	11.97	8.4	0	0.003	26	2.523	-0.025	13.52
3/7/2011 23:00	14241	17.59	267.1	9.76	31.42	13.53	264.3	11.32	24.26	69.07	68.65	14.15	10.62	0	0.002	26.02	2.523	0	14.84
3/8/2011 0:00	14242	11.34	277.1	7.934	22.47	7.543	272.6	13.72	17.1	65.09	64.56	16.09	12.67	0	0	26.03	2.521	-0.003	12.64
3/8/2011 1:00	14243	6.742	285.6	26.62	18.89	3.32	287.5	34.41	11.74	59.22	57.51	19	16.49	0	0	26.01	2.518	-0.003	12.47
3/8/2011 2:00	14244	12.54	10.71	15.15	20.68	9.3	11.67	16.28	17.1	51.33	51.15	36.06	31.79	0	0	26	2.511	-0.006	13.23
3/8/2011 3:00	14245	6.449	358.2	25.63	17.1	4.277	356.4	27.97	13.52	45.43	45.31	46.09	41.82	0	0	25.98	2.509	-0.003	12.8
3/8/2011 4:00	14246	4.852	351.7	29.51	11.74	2.905	343.9	35.25	8.16	41.85	41.4	51.22	46.91	0	0	25.95	2.509	0	12.64
3/8/2011 5:00	14247	4.206	340.1	21.37	9.95	1.903	324	25.4	6.368	39.49	37.79	54.76	51.26	0	0	25.94	2.507	-0.002	12.57
3/8/2011 6:00	14248	2.298	258.4	68.04	8.16	1.12	254.2	54.36	6.368	37.29	35.19	57.88	54.98	0	0	25.93	2.507	0	15
3/8/2011 7:00	14249	1.337	276.4	21.16	6.368	0.723	128.4	38.29	4.578	34.91	31.61	58.27	55.43	0	0.003	25.94	2.504	-0.003	12.89
3/8/2011 8:00	14250	3.568	214.6	22.03	8.16	1.064	174.5	14.68	6.368	36.09	33.03	55.65	52.46	0	52.48	25.94	2.504	0.001	12.42

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/8/2011 9:00	14251	11.38	225.2	10.29	18.89	8.27	226.5	11.78	15.31	49.46	49.43	35.48	32.02	0	241.5	26	2.496	-0.008	12.71
3/8/2011 10:00	14252	18.23	250.7	14.68	31.42	14.41	249.9	14.95	26.05	59.58	59.94	21.85	18.21	0	371.6	26.08	2.461	-0.036	12.96
3/8/2011 11:00	14253	19.82	273	11.67	33.21	16.06	270.4	13.67	26.05	61.01	61.84	20.35	16.26	0	586	26.13	2.448	-0.013	12.85
3/8/2011 12:00	14254	20.49	279	13.38	33.21	16.89	277.7	16.02	29.63	62.14	63.24	19.19	14.86	0	708	26.17	2.428	-0.02	12.94
3/8/2011 13:00	14255	19.43	291.9	15.19	36.78	16.04	292.3	17.59	33.21	64.45	65.87	18.07	13.54	0	915	26.16	2.396	-0.032	13.06
3/8/2011 14:00	14256	17.36	301.4	18.32	33.21	14.44	302	20.49	27.84	65.7	67.24	17.93	13.3	0	916	26.17	2.377	-0.019	12.97
3/8/2011 15:00	14257	17.35	290.4	18.93	34.99	14.48	290.2	22.09	29.63	66.67	68.11	17.54	12.95	0	860	26.18	2.333	-0.044	12.88
3/8/2011 16:00	14258	16.78	278.7	21.2	27.84	13.91	277.7	23.19	24.26	67.85	69.1	16.02	11.58	0	704.6	26.18	2.32	-0.013	14.62
3/8/2011 17:00	14259	17.69	288.6	13.17	31.42	14.62	288.6	16.02	27.84	68.61	69.58	12.19	7.98	0	515.1	26.18	2.269	-0.051	12.91
3/8/2011 18:00	14260	17.28	308.2	15.76	27.84	14.07	308.8	17.24	24.26	67.42	67.94	11.79	7.764	0	298.8	26.2	2.247	-0.022	12.89
3/8/2011 19:00	14261	12.49	318.4	8.68	24.26	9.93	319.1	9.42	18.89	64.8	64.6	12.23	8.57	0	72.81	26.21	2.244	-0.003	12.82
3/8/2011 20:00	14262	9.49	337.3	9.04	15.31	6.636	336.6	10.79	13.52	60.47	59.3	13.69	10.5	0	0.214	26.21	2.245	0.001	12.71
3/8/2011 21:00	14263	11.21	338.7	7.378	18.89	8.26	336.6	9.4	15.31	58.37	57.34	15.84	12.52	0	0	26.22	2.235	-0.009	12.57
3/8/2011 22:00	14264	12.72	333.5	6.962	18.89	9.89	332.7	8.98	15.31	56.52	55.72	19.27	15.89	0	0	26.23	2.226	-0.01	14.97
3/8/2011 23:00	14265	12.33	341.2	8.94	20.68	9.23	338.1	11.16	17.1	53.24	52.66	23.21	19.64	0	0	26.25	2.223	-0.003	12.57
3/9/2011 0:00	14266	13.63	14.92	15.12	22.47	9.61	14.2	16.78	18.89	49.82	49.62	32.08	27.95	0	0	26.27	2.22	-0.003	12.65
3/9/2011 1:00	14267	12.76	32.17	10.78	34.99	7.407	31.5	12.36	17.1	44.97	44.87	50	45.63	0	0	26.28	2.217	-0.003	12.42
3/9/2011 2:00	14268	11.96	32.46	10.66	20.68	7.035	31.65	12.31	17.1	41.33	41.29	59.46	54.98	0	0	26.29	2.214	-0.003	12.96
3/9/2011 3:00	14269	11.45	25.09	10.35	18.89	7.312	24.45	12.19	15.31	38.22	38.2	63.28	58.66	0	0	26.3	2.208	-0.006	12.57
3/9/2011 4:00	14270	11.46	14.71	10.03	17.1	8.62	14.65	10.9	15.31	35.43	35.5	64.44	59.64	0	0	26.3	2.205	-0.003	12.24
3/9/2011 5:00	14271	10.96	7.403	9.86	17.1	8.14	6.734	12.44	13.52	34.14	34.2	64.07	59.28	0	0	26.3	2.205	0	12.3
3/9/2011 6:00	14272	9.63	5.288	10.15	17.1	7.024	4.297	13.21	15.31	32.97	33.02	65.05	60.18	0	0	26.32	2.202	-0.003	12.37
3/9/2011 7:00	14273	10.92	16.51	9.62	18.89	8.02	16.61	10.66	15.31	32.04	32.03	66.09	61.28	0	0.041	26.34	2.202	0	12.24
3/9/2011 8:00	14274	5.24	339.7	41.58	13.52	3.733	333.8	43.65	11.74	32.08	32.01	65.82	60.87	0	53.51	26.38	2.202	0	12.56
3/9/2011 9:00	14275	5.951	355.2	35.9	15.31	4.063	355.4	37.07	11.74	37.09	37.78	57.26	51.58	0	271.4	26.43	2.199	-0.004	12.59
3/9/2011 10:00	14276	8.29	40.57	12.88	13.52	5.046	37.1	16.06	11.74	43.42	44.63	47.94	42.58	0	499.8	26.5	2.195	-0.004	12.75
3/9/2011 11:00	14277	3.588	8.6	55.89	9.95	2.619	5.097	53.03	9.95	51.39	52.27	38.29	33.87	0	699.3	26.57	2.191	-0.004	15.01
3/9/2011 12:00	14278	7.021	312.9	24.96	15.31	5.886	311.3	30.18	13.52	54.23	55.08	34.31	29.55	0	853	26.62	2.171	-0.02	12.75
3/9/2011 13:00	14279	8.35	309.4	27.14	17.1	7.1	310.6	30.18	15.31	57.28	58.26	28.89	24.2	0	931	26.62	2.162	-0.01	12.88
3/9/2011 14:00	14280	8.67	334.9	32	18.89	5.607	323.6	27.47	18.89	61.71	63.03	22.29	17.74	0	920	26.61	2.149	-0.013	12.9
3/9/2011 15:00	14281	9.51	351.9	37	20.68	7.298	350.1	38.9	18.89	64.74	66.06	17.06	12.69	0	853	26.59	2.117	-0.032	12.88
3/9/2011 16:00	14282	10.21	323.1	31.47	20.68	8.51	296.1	72.84	17.1	66.43	67.4	13.26	9.03	0	717	26.59	2.092	-0.025	12.96
3/9/2011 17:00	14283	6.869	189.5	64.68	33.21	7.846	329.7	24.05	17.1	68.21	68.17	11.53	7.803	0.04	528.2	26.59	8.6	6.511	12.91
3/9/2011 18:00	14284	8.68	3.125	31.14	17.1	6.285	1.733	32.33	17.1	66.76	67.35	12.31	8.26	0.16	304.3	26.58	7.186	-1.417	12.86
3/9/2011 19:00	14285	8.84	60.63	9.73	15.31	5.273	57.66	14.18	11.74	62.98	62.96	19.16	15.45	0	78.21	26.58	7.135	-0.05	12.94
3/9/2011 20:00	14286	8.39	74.21	8.97	11.74	4.448	67.93	14.42	8.16	56.28	54.77	24.14	21.33	0	0.287	26.57	7.134	-0.001	14.79
3/9/2011 21:00	14287	9.63	92.9	6.435	13.52	5.206	92.5	16.3	9.95	50.89	49.41	30.21	27.34	0	0	26.56	7.129	-0.005	12.5
3/9/2011 22:00	14288	8.7	97	5.576	13.52	4.738	94.7	15.47	8.16	48.67	46.89	31.89	29.63	0	0	26.55	7.124	-0.005	12.8
3/9/2011 23:00	14289	8.31	95.2	5.535	11.74	4.097	91.3	15.05	8.16	47.04	44.9	32.06	30.12	0	0	26.55	7.118	-0.006	12.68
3/10/2011 0:00	14290	7.896	96.5	4.181	11.74	3.876	87.2	13.06	6.368	45.26	42.62	33.53	32.06	0	0	26.55	7.114	-0.003	14.87
3/10/2011 1:00	14291	8.56	107.8	8.9	17.1	4.504	100.9	18.23	9.95	45.4	42.86	32.69	31.29	0	0	26.54	7.11	-0.005	14.71
3/10/2011 2:00	14292	8.87	111.1	8.93	13.52	4.84	110.4	18.12	8.16	45.14	43.49	31.76	29.46	0	0	26.55	7.106	-0.004	12.53
3/10/2011 3:00	14293	5.232	118.1	33.47	9.95	2.246	96.2	38.97	6.368	42.19	40.24	35.26	33.09	0	0	26.56	7.104	-0.002	12.65
3/10/2011 4:00	14294	6.618	91.9	11.3	9.95	3.303	71.96	12.32	6.368	40.89	38.58	37.89	36.06	0	0	26.55	7.101	-0.003	12.68
3/10/2011 5:00	14295	6.944	100.6	11.47	11.74	3.46	79.11	15.93	6.368	40.49	37.76	39.92	38.41	0	0	26.55	7.098	-0.003	12.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/10/2011 6:00	14296	9.06	124	6.132	13.52	4.537	119.9	13.77	8.16	40.29	38.2	41.45	39.73	0	0	26.55	7.095	-0.003	12.83
3/10/2011 7:00	14297	8.75	105.3	17.17	13.52	4.606	99.4	23.69	11.74	38.9	37.33	43.37	41.02	0	0.093	26.56	7.091	-0.003	12.26
3/10/2011 8:00	14298	8.25	101.8	8.19	13.52	4.831	95.6	18.83	11.74	38.23	37.17	44.12	41.21	0	61.28	26.56	7.088	-0.003	12.78
3/10/2011 9:00	14299	11.35	124.7	11.32	17.1	7.667	127.6	17.96	15.31	44.78	45.9	37.01	32.2	0	280.5	26.59	7.083	-0.005	12.83
3/10/2011 10:00	14300	15.06	159.2	17.43	26.05	9.97	162	20.64	18.89	51.28	53.06	31	25.89	0	504.2	26.64	7.074	-0.009	12.85
3/10/2011 11:00	14301	17.78	174.2	11.4	26.05	11.85	177.2	16.14	18.89	56.49	58.7	27.64	22.33	0	701.5	26.67	7.064	-0.01	14.25
3/10/2011 12:00	14302	16.8	175.4	13.91	27.84	11.19	177.9	18.31	20.68	61.06	63.76	25.79	20.28	0	836	26.69	7.056	-0.009	13.4
3/10/2011 13:00	14303	16.49	185.8	15.01	29.63	11.13	188.6	19.63	20.68	64.51	67.43	21.82	16.45	0	915	26.69	7.04	-0.016	12.74
3/10/2011 14:00	14304	16.23	186.9	14.28	27.84	11.06	189.4	18.69	20.68	66.38	69.44	19.23	13.91	0	884	26.67	7.014	-0.026	13
3/10/2011 15:00	14305	14.08	199.3	15.67	26.05	9.91	200.7	19.65	18.89	68.68	71.31	16.7	11.69	0	852	26.63	6.998	-0.016	12.89
3/10/2011 16:00	14306	12.84	196.4	18.66	24.26	9.17	199.2	22.19	20.68	70.97	73.32	14.74	9.95	0	714.2	26.61	6.975	-0.022	12.86
3/10/2011 17:00	14307	13.4	199.4	15.98	22.47	9.47	202.6	19.44	17.1	71.84	73.9	14.18	9.56	0	524	26.59	6.947	-0.029	12.82
3/10/2011 18:00	14308	12.04	188.1	13.39	20.68	8.25	190.7	17.52	15.31	71.96	73.23	13.83	9.62	0	303.4	26.56	6.918	-0.028	12.91
3/10/2011 19:00	14309	9.2	173.8	12.98	18.89	5.056	171.3	19.35	13.52	68.48	67.42	15.69	12.66	0	51.99	26.54	6.9	-0.018	13.84
3/10/2011 20:00	14310	8.4	146	4.782	11.74	3.42	130.4	11.57	6.368	61.2	56.99	20.12	19.04	0	0.208	26.49	6.89	-0.011	12.6
3/10/2011 21:00	14311	9.09	151.9	8.56	15.31	4.507	148.5	14.84	9.95	57.1	54.91	23.17	20.89	0	0	26.46	6.878	-0.012	12.47
3/10/2011 22:00	14312	8.3	146.4	7.666	11.74	3.891	140.7	14.3	8.16	53.04	50.74	27.21	25.09	0	0	26.44	6.873	-0.005	12.79
3/10/2011 23:00	14313	8.2	155.8	7.946	11.74	3.844	152.9	14.66	8.16	52.02	49.9	29.83	27.66	0	0	26.42	6.867	-0.006	12.64
3/11/2011 0:00	14314	10.26	173.2	9.84	15.31	5.604	175.2	15.38	11.74	53.98	52.43	30.81	28.25	0	0	26.4	6.861	-0.006	12.95
3/11/2011 1:00	14315	8.64	181.5	8.28	20.68	4.572	184.4	14.21	9.95	51.78	50.3	33.34	30.82	0	0	26.39	6.854	-0.006	12.6
3/11/2011 2:00	14316	7.456	185.8	7.524	11.74	3.328	190.4	13.39	8.16	49.1	47.01	35.45	33.62	0	0	26.37	6.848	-0.006	12.43
3/11/2011 3:00	14317	4.903	192.2	12.27	8.16	1.461	200.2	16.33	4.578	47.24	44.84	36.16	34.75	0	0	26.35	6.845	-0.003	12.53
3/11/2011 4:00	14318	4.899	193.3	11.21	8.16	1.108	186.4	10.66	4.578	45.64	42.98	36.75	35.66	0	0	26.32	6.843	-0.002	12.46
3/11/2011 5:00	14319	5.788	207.1	11.75	9.95	1.875	214.8	16.76	4.578	45.05	42.57	36.65	35.42	0	0	26.3	6.837	-0.006	12.7
3/11/2011 6:00	14320	6.068	208.3	8.75	8.16	2.008	215.8	10.67	4.578	44.39	41.59	36.75	35.89	0	0	26.29	6.837	0	12.6
3/11/2011 7:00	14321	5.106	215.9	5.653	8.16	1.032	228.4	6.801	4.578	42.48	39.47	38.73	38.07	0	0.11	26.28	6.834	-0.003	12.5
3/11/2011 8:00	14322	4.266	229.5	12.17	6.368	0.799	252.7	3.957	6.368	42.5	40.74	38.51	36.53	0	70.99	26.28	6.828	-0.006	12.79
3/11/2011 9:00	14323	6.661	226	15.35	13.52	4.906	228.4	16.18	11.74	48.72	49.18	31.6	27.35	0	269.8	26.32	6.819	-0.009	12.73
3/11/2011 10:00	14324	10.73	211.7	9.45	17.1	7.75	214.8	13.06	13.52	56.45	58.04	24.62	19.89	0	515.7	26.39	6.808	-0.012	12.6
3/11/2011 11:00	14325	11.09	206.7	12.53	17.1	8.11	209.3	16.17	13.52	62.6	64.71	20.08	15.26	0	683.9	26.43	6.796	-0.012	13.02
3/11/2011 12:00	14326	11.4	212.5	12.82	18.89	8.45	214.9	15.67	15.31	68.07	70.15	16.65	11.99	0	784.7	26.45	6.782	-0.014	13.04
3/11/2011 13:00	14327	13.05	220	13.21	22.47	9.74	221.5	15.85	17.1	72.48	74.81	14.27	9.59	0	845	26.45	6.769	-0.013	13.02
3/11/2011 14:00	14328	12.53	220.8	13.79	20.68	9.53	222.1	16.1	17.1	75.25	77.22	12.51	8.03	0	815	26.43	6.75	-0.019	13.09
3/11/2011 15:00	14329	10.81	218.1	16.83	22.47	8.13	220	18.92	17.1	80.3	82.2	9.25	4.897	0	842	26.4	6.728	-0.023	12.95
3/11/2011 16:00	14330	11.16	215.8	26.79	20.68	8.39	218.3	28.69	17.1	82.8	84.4	6.756	2.525	0	700.5	26.38	6.702	-0.026	12.91
3/11/2011 17:00	14331	12.28	238.1	17.01	26.05	9.52	237.6	17.8	26.05	83.7	84.7	5.369	1.809	0	511.8	26.36	6.667	-0.034	13.83
3/11/2011 18:00	14332	11.07	224	15.45	20.68	8.13	224.6	16.98	17.1	83.5	84.1	5.819	2.016	0	290.4	26.34	6.617	-0.05	13.74
3/11/2011 19:00	14333	9.36	221.8	11.39	17.1	6.076	222.1	13.89	13.52	80.7	79.97	6.705	3.188	0	76.43	26.33	6.601	-0.016	12.86
3/11/2011 20:00	14334	7.148	208.3	8.65	11.74	3.305	201	18.11	8.16	75.26	71.24	8.23	5.918	0	0.378	26.32	6.59	-0.012	12.81
3/11/2011 21:00	14335	6.398	181.8	14.69	15.31	2.043	150.2	16.03	9.95	68.91	64.19	11.9	10.14	0	0	26.3	6.579	-0.011	12.87
3/11/2011 22:00	14336	7.166	202.5	22.95	13.52	3.794	204.2	26.38	9.95	64.89	62.49	19.66	17.1	0	0	26.29	6.57	-0.009	12.98
3/11/2011 23:00	14337	5.744	195.4	8.1	11.74	2.119	199.1	12.16	6.368	60.33	57.59	24.67	22.7	0	0	26.28	6.56	-0.01	13.93
3/12/2011 0:00	14338	5.565	209.6	16.86	9.95	2.38	221.2	24.59	6.368	57.74	55.06	28.29	26.46	0	0	26.25	6.558	-0.002	12.78
3/12/2011 1:00	14339	6.049	208.5	9.12	9.95	2.657	216.4	14.91	4.578	56.03	52.8	30	28.81	0	0	26.23	6.556	-0.002	12.64
3/12/2011 2:00	14340	5.665	211.9	18.56	9.95	2.465	228.2	31.56	6.368	53.13	50.12	32.88	31.52	0	0	26.22	6.55	-0.006	12.39

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/12/2011 3:00	14341	3.139	218.3	15.89	6.368	0.329	291.9	7.299	2.789	51.46	48.38	35.56	34.56	0	0	26.21	6.547	-0.003	12.82
3/12/2011 4:00	14342	4.781	229	17.17	8.16	1.09	265	23.65	6.368	50.75	46.86	37.22	36.8	0	0	26.18	6.543	-0.003	12.76
3/12/2011 5:00	14343	3.524	234	20.09	6.368	0.636	298.1	13.55	4.578	49.51	45.75	39.07	38.79	0	0	26.17	6.54	-0.003	12.25
3/12/2011 6:00	14344	5.746	240.9	21.38	11.74	2.043	267.7	30.21	6.368	48.88	44.69	41.53	41.1	0	0	26.17	6.538	-0.002	12.68
3/12/2011 7:00	14345	4.43	254.1	24.38	9.95	1.749	296.5	25.11	4.578	46.21	43.18	46.53	45.27	0	0.174	26.17	6.535	-0.003	12.68
3/12/2011 8:00	14346	4.301	263.3	22.2	6.368	1.613	301.2	21.92	6.368	47.76	45.26	47.03	44.43	0	67.49	26.19	6.529	-0.007	12.61
3/12/2011 9:00	14347	6.291	253.3	32.59	9.95	4.906	253.8	33.9	8.16	53.45	53.88	43.3	38.48	0	306.8	26.25	6.52	-0.008	12.9
3/12/2011 10:00	14348	7.076	246.2	25.58	11.74	5.754	247.2	26.63	9.95	62.75	63.55	28.62	24.38	0	507.8	26.32	6.508	-0.012	12.9
3/12/2011 11:00	14349	9.2	313.3	29.72	17.1	7.624	314.2	31.62	15.31	71.81	72.46	13.37	9.61	0	621.7	26.39	6.485	-0.023	12.99
3/12/2011 12:00	14350	7.773	5.586	30.87	15.31	5.674	6.991	31.67	13.52	75.62	76.53	9.77	5.796	0	776.6	26.42	6.484	-0.001	13.09
3/12/2011 13:00	14351	5.885	15.48	33.54	13.52	4.539	12.87	34.7	11.74	79.34	80.1	6.936	2.975	0	864	26.43	6.471	-0.013	13.22
3/12/2011 14:00	14352	8.68	35.56	22.81	17.1	5.773	34.77	25.35	15.31	78.89	80.3	7.391	3.167	0	686.9	26.41	6.458	-0.012	13.8
3/12/2011 15:00	14353	9.38	36.08	23.83	17.1	6.585	34.35	24.53	17.1	79	80.6	8.58	4.235	0	777	26.38	6.427	-0.032	14.65
3/12/2011 16:00	14354	7.856	43.13	31.98	17.1	5.297	41.66	31.52	15.31	78.07	78.94	10.55	6.456	0	380.1	26.37	6.405	-0.022	15.08
3/12/2011 17:00	14355	5.073	68.14	34.18	11.74	3.561	65.62	39.23	9.95	79.85	80.8	9.08	5.06	0	421.6	26.35	6.386	-0.019	12.9
3/12/2011 18:00	14356	9.11	76.07	13.75	13.52	6.04	73.72	19.58	11.74	77.42	78.24	10.68	6.649	0	223.5	26.33	6.361	-0.025	13.3
3/12/2011 19:00	14357	7.055	90.4	12.32	11.74	3.691	91.8	19.48	9.95	73.83	72.79	11.79	8.56	0	50.61	26.32	6.349	-0.012	12.9
3/12/2011 20:00	14358	9.24	122.8	11.96	13.52	4.626	120.3	19.55	8.16	67.1	64.84	15.97	13.3	0	0.169	26.3	6.331	-0.018	14.4
3/12/2011 21:00	14359	7.567	137.3	5.97	11.74	3.224	126.9	16.48	6.368	63.99	61.08	18.43	16.38	0	0	26.29	6.326	-0.005	12.77
3/12/2011 22:00	14360	7.866	144.8	5.824	11.74	3.295	141.5	13.78	6.368	61.04	57.93	20.41	18.59	0	0	26.28	6.319	-0.006	12.82
3/12/2011 23:00	14361	7.111	143.9	7.873	11.74	3.295	137.2	14.96	6.368	60.07	57.71	21.42	19.2	0	0	26.27	6.31	-0.009	12.74
3/13/2011 0:00	14362	6.295	126.1	19.73	9.95	3.203	109.8	28.44	6.368	60.45	57.63	20.36	18.81	0	0	26.26	6.304	-0.006	12.61
3/13/2011 1:00	14363	7.424	84.9	12.14	13.52	4.101	76.49	17.66	8.16	57.22	55.27	23.36	21.03	0	0	26.25	6.297	-0.006	12.76
3/13/2011 2:00	14364	8.04	97.8	12.14	11.74	4.289	89.9	20.46	8.16	56.59	54.71	25.35	22.85	0	0	26.25	6.292	-0.006	12.99
3/13/2011 3:00	14365	7.898	91.4	10.05	11.74	4.464	85.5	16.19	8.16	54.39	53.36	30.77	27.48	0	0	26.24	6.289	-0.003	13.09
3/13/2011 4:00	14366	8.73	67.09	9.91	13.52	5.366	63.23	14.1	9.95	51.36	50.73	38.38	34.67	0	0	26.23	6.286	-0.003	12.74
3/13/2011 5:00	14367	8.11	55.34	8.83	11.74	4.711	53.72	13.39	9.95	49.76	49.28	42.14	38.33	0	0	26.22	6.28	-0.006	12.94
3/13/2011 6:00	14368	7.56	66.45	9.15	11.74	4.462	63.13	13.18	8.16	49.2	48.49	44.34	40.8	0	0	26.22	6.267	-0.013	14.4
3/13/2011 7:00	14369	4.837	31.74	37.96	9.95	2.863	28.93	43.96	8.16	48.27	47.59	45.14	41.54	0	0.048	26.23	6.264	-0.003	12.19
3/13/2011 8:00	14370	5.22	326.9	15.03	9.95	2.919	321.5	12.57	8.16	47.33	46.53	46.53	42.89	0	42.82	26.24	6.258	-0.006	12.23
3/13/2011 9:00	14371	7.595	1.728	29.79	15.31	5.613	1.561	30.29	11.74	51.38	51.76	42.26	37.75	0	220.6	26.28	6.252	-0.006	14.65
3/13/2011 10:00	14372	8.29	39.51	13.65	13.52	5.142	38.43	15.1	11.74	55.16	56.28	39.66	34.59	0	475.3	26.34	6.221	-0.031	12.93
3/13/2011 11:00	14373	7.426	11.39	19.06	15.31	5.564	12	20.23	13.52	62.25	63.18	31.15	26.64	0	635	26.39	6.21	-0.011	15.01
3/13/2011 12:00	14374	10.73	352	15.56	20.68	8.61	352.1	18.1	15.31	68.29	69.51	21.2	16.83	0	806	26.43	6.203	-0.007	14.72
3/13/2011 13:00	14375	13.91	343.2	15.19	26.05	11.25	342.6	16.96	22.47	73	74.23	14.89	10.7	0	714.4	26.43	6.164	-0.039	13.21
3/13/2011 14:00	14376	15.64	326.6	15.87	24.26	12.92	327.7	17.54	20.68	76.77	78.14	7.249	3.044	0	852	26.42	6.148	-0.016	13.2
3/13/2011 15:00	14377	13.84	313.3	16.73	26.05	11.67	315.1	19.08	22.47	79.04	80.3	5.761	1.768	0	849	26.41	6.116	-0.032	12.94
3/13/2011 16:00	14378	11.64	288.8	18.57	24.26	9.81	288	21.09	20.68	78.13	78.95	6.22	2.035	0	421.3	26.4	6.101	-0.016	12.92
3/13/2011 17:00	14379	12.26	300.6	14.36	20.68	10.38	302.2	17.82	17.1	78.05	78.69	6.001	1.87	0	436.6	26.39	6.066	-0.035	14.77
3/13/2011 18:00	14380	8.26	292.6	18.12	13.52	6.883	292.3	20.53	11.74	77.38	77.66	6.001	2.076	0	269.9	26.4	6.05	-0.016	13.15
3/13/2011 19:00	14381	3.831	252.8	42.33	9.95	2.675	243.8	53.45	8.16	76.28	75.72	5.988	2.391	0	92.1	26.4	6.041	-0.009	13.04
3/13/2011 20:00	14382	4.97	176.1	12.02	8.16	2.545	133.4	25.04	4.578	72.22	66.33	7.125	5.767	0	0.628	26.39	6.032	-0.009	12.8
3/13/2011 21:00	14383	10.68	107	44.23	26.05	6.372	78.73	19.35	17.1	67.05	62.29	15.88	13.87	0	0	26.38	6.024	-0.008	12.84
3/13/2011 22:00	14384	12.76	53.99	12.74	24.26	7.426	52.55	15.69	13.52	59.45	58.92	32.86	29.21	0	0	26.41	6.015	-0.009	12.34
3/13/2011 23:00	14385	13.64	44.33	9.66	22.47	7.408	42.08	11.65	13.52	56.24	55.95	40.44	36.57	0	0	26.42	6.002	-0.013	14.34

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/14/2011 1:00	14386	14.05	59.35	8.51	29.63	9.17	59.82	13.52	24.26	53.68	53.31	48.53	44.72	0	0	26.42	5.987	-0.015	14.67
3/14/2011 2:00	14387	13.04	58.91	9.02	24.26	8.3	58.9	14.58	17.1	51.51	51.18	55.54	51.68	0	0	26.43	5.979	-0.008	12.35
3/14/2011 3:00	14388	13.38	49.69	8.93	24.26	7.277	46.5	12.82	18.89	48.25	48.04	60.81	56.68	0	0	26.43	5.972	-0.006	12.17
3/14/2011 4:00	14389	13.88	51.13	8.55	20.68	7.466	46.88	13.06	15.31	45.03	44.9	65.39	60.97	0	0	26.43	5.966	-0.006	12.26
3/14/2011 5:00	14390	14.53	42.65	11.5	22.47	8.11	41.5	12.66	20.68	42.41	42.35	66.6	62.08	0	0	26.42	5.963	-0.003	12.17
3/14/2011 6:00	14391	16.21	38.1	10.73	26.05	9.05	40.16	11.77	20.68	40.85	40.81	65.38	60.86	0	0	26.41	5.958	-0.006	12.67
3/14/2011 7:00	14392	13.49	32.96	11.31	24.26	8.04	33.72	13.13	17.1	38.85	38.85	67.54	62.8	0	0	26.42	5.952	-0.005	12.24
3/14/2011 8:00	14393	11.03	24.99	12.88	17.1	7.261	25.55	14.55	15.31	37	37.05	68.88	63.96	0	0.271	26.43	5.94	-0.013	12.37
3/14/2011 9:00	14394	8.86	16	10.68	17.1	6.565	16.6	11.99	15.31	36.3	36.47	68.92	63.62	0	67.34	26.44	5.933	-0.006	13.61
3/14/2011 10:00	14395	11.17	37.74	15.02	18.89	6.971	36.57	15.98	17.1	40.82	41.49	56.62	51.5	0	292	26.47	5.926	-0.007	12.83
3/14/2011 11:00	14396	11.82	64.14	13.98	18.89	7.462	60.96	19.3	15.31	46.37	48.06	43.9	38.35	0	484.6	26.53	5.912	-0.014	12.95
3/14/2011 12:00	14397	9.62	82.9	15.13	17.1	6.72	81	21.84	13.52	51.57	54.34	36.15	30.11	0	723	26.58	5.904	-0.008	12.97
3/14/2011 13:00	14398	8.15	84.5	22.73	15.31	5.74	80.4	30.88	11.74	55.87	58.69	30.47	24.84	0	869	26.61	5.899	-0.005	13.19
3/14/2011 14:00	14399	7.874	110.6	29.64	17.1	5.758	110.4	39.32	13.52	60.18	63.17	23.97	18.8	0	944	26.62	5.889	-0.01	13.04
3/14/2011 15:00	14400	8.46	125.8	29.92	17.1	6.195	125.7	39.64	13.52	62.81	66.07	20.09	14.91	0	951	26.6	5.873	-0.016	12.95
3/14/2011 16:00	14401	8.6	126.8	28.86	20.68	6.341	128.4	35.49	17.1	64.72	67.77	18.82	13.73	0	823	26.57	5.857	-0.017	12.99
3/14/2011 17:00	14402	7.188	125.2	44.6	17.1	5.264	127.1	50.95	13.52	66.65	68.81	18.78	14.08	0	634.6	26.55	5.838	-0.019	15.01
3/14/2011 18:00	14403	8.27	167.9	22.48	17.1	5.71	170.5	26.73	11.74	66.43	68.17	19.74	15.1	0	400.6	26.52	5.819	-0.018	15.07
3/14/2011 19:00	14404	10.12	162	13.57	17.1	6.811	163.9	17.72	13.52	65.86	67.13	19.9	15.51	0	273.8	26.49	5.794	-0.025	15.21
3/14/2011 20:00	14405	8.55	152.9	15.28	15.31	5.154	153.5	19.8	11.74	63.84	63.94	21.44	17.71	0	97	26.47	5.775	-0.019	12.88
3/14/2011 21:00	14406	8.55	122.8	5.891	11.74	4.142	120.6	12.39	8.16	57.06	55.19	26.85	24.47	0	0.453	26.44	5.764	-0.011	13.79
3/14/2011 22:00	14407	9.65	120.2	6.449	13.52	5.101	119.6	14.34	9.95	53.49	51.78	29.4	26.91	0	0	26.41	5.756	-0.008	13.15
3/14/2011 23:00	14408	9.47	121.6	6.636	13.52	5.107	121.4	14.25	9.95	51.4	49.91	31.46	28.86	0	0	26.4	5.744	-0.012	12.76
3/15/2011 0:00	14409	10.35	119.5	8.11	15.31	6.047	119.2	15.48	9.95	50.85	49.72	32.59	29.64	0	0	26.38	5.735	-0.009	12.16
3/15/2011 1:00	14410	9.47	118	7.867	18.89	5.48	117.1	15.81	9.95	48.97	47.91	35.59	32.58	0	0	26.37	5.731	-0.003	12.28
3/15/2011 2:00	14411	9	119	11.66	15.31	5.217	114	20.13	9.95	47.53	46.43	38.37	35.39	0	0	26.36	5.725	-0.006	12.34
3/15/2011 3:00	14412	7.91	112.6	10.38	11.74	4.11	104	16.74	6.368	45.51	43.93	41.98	39.47	0	0	26.34	5.709	-0.016	14.09
3/15/2011 4:00	14413	6.4	103.9	7.381	9.95	3.052	89	12.14	6.368	44.53	42.56	44.77	42.65	0	0	26.33	5.706	-0.003	12.48
3/15/2011 5:00	14414	8.41	120.5	10.66	13.52	4.59	115	17.61	9.95	44.35	43.14	45.93	43.14	0	0	26.3	5.704	-0.003	12.44
3/15/2011 6:00	14415	7.524	117.5	12.11	11.74	4.274	111.5	19.18	8.16	43.34	42.35	48.82	45.81	0	0	26.28	5.7	-0.003	12.91
3/15/2011 7:00	14416	4.906	102.3	9.16	9.95	2.236	87.6	12.21	6.368	41.52	40.2	51.47	48.78	0	0	26.28	5.698	-0.002	12.64
3/15/2011 8:00	14417	5.661	88.4	7.526	8.16	2.977	72.03	10.04	4.578	41.24	39.69	52.8	50.34	0	0.309	26.27	5.695	-0.003	12.89
3/15/2011 9:00	14418	4.884	80.7	16.47	8.16	2.654	65.51	10.94	4.578	42.65	41.5	53.08	49.47	0	72.14	26.28	5.692	-0.003	12.49
3/15/2011 10:00	14419	4.5	198.1	49.58	11.74	2.907	209.7	26.74	9.95	50.73	51.35	52.48	46.95	0	291.9	26.33	5.684	-0.008	13.01
3/15/2011 11:00	14420	10.4	208.1	11.38	17.1	7.618	211.8	14.55	13.52	56.51	58.13	56.46	49.85	0	516.3	26.39	5.676	-0.008	13.05
3/15/2011 12:00	14421	10.26	231.2	17.47	20.68	8.05	232.5	19.04	17.1	63.16	64.6	46.73	41.01	0	716.5	26.44	5.671	-0.005	12.86
3/15/2011 13:00	14422	10.39	256.9	23.7	17.1	8.58	257.3	24.32	15.31	71.67	72.78	30.48	25.93	0	853	26.45	5.657	-0.013	12.93
3/15/2011 14:00	14423	8.82	281.3	23.54	18.89	7.322	279.2	27.25	17.1	77.31	78.36	18.85	14.67	0	904	26.46	5.651	-0.007	14.88
3/15/2011 15:00	14424	7.32	276.9	34.48	17.1	6.131	274.1	39.78	13.52	81.7	82.5	11.91	7.961	0	917	26.45	5.637	-0.013	14.6
3/15/2011 16:00	14425	8.27	295	43.62	18.89	6.844	294	44.6	17.1	82.5	83.5	9.77	5.679	0	851	26.44	5.615	-0.022	12.93
3/15/2011 17:00	14426	9.02	284.2	33.92	17.1	7.54	283.8	35.65	15.31	82.7	83.6	9.19	5.055	0	666	26.43	5.593	-0.022	13.09
3/15/2011 18:00	14427	8.63	306.2	27.13	15.31	7.168	308.4	27.53	13.52	81.6	82.3	8.82	4.76	0	447.4	26.41	5.568	-0.025	12.83
3/15/2011 19:00	14428	8.39	344.3	38.35	17.1	6.216	344.9	36.69	13.52	80.1	80.5	11.58	7.62	0	199.5	26.4	5.559	-0.009	12.99
3/15/2011 20:00	14429	10.79	65.91	10.88	18.89	6.848	64.24	15.88	13.52	74.4	74.26	22.55	18.97	0	53.66	26.39	5.528	-0.031	12.83
3/15/2011 21:00	14430	10.29	77.88	6.933	15.31	5.924	73.41	14.58	9.95	69.05	68.06	28.87	25.9	0	0.334	26.37	5.515	-0.012	12.83

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
3/15/2011 22:00	14431	11.73	73.48	7.326	15.31	7.362	70.82	14	13.52	65.88	65.22	32.2	28.97	0	0	26.36	5.504	-0.011	12.79	
3/15/2011 23:00	14432	10.74	70.56	9.25	17.1	6.948	70.02	15.01	13.52	63.16	62.77	34.51	31.01	0	0	26.37	5.476	-0.028	12.55	
3/16/2011 0:00	14433	5.723	85.1	52.03	11.74	3.319	83.8	51.24	9.95	60.04	59.19	37.43	34.26	0	0	26.39	5.47	-0.006	12.74	
3/16/2011 1:00	14434	6.992	64.53	8.96	11.74	3.85	63.08	14.54	8.16	58.23	56.84	41.9	38.97	0	0	26.37	5.466	-0.003	12.54	
3/16/2011 2:00	14435	6.746	79.32	23.45	9.95	3.547	76.28	23.84	6.368	56.84	55.11	47.46	44.59	0	0	26.35	5.46	-0.006	12.63	
3/16/2011 3:00	14436	5.952	67.74	22.55	9.95	3.303	52.95	15.6	6.368	55.72	53.98	57.15	52.95	0	0	26.33	5.455	-0.005	12.69	
3/16/2011 4:00	14437	6.236	78.1	11.8	8.16	3.405	67.18	10.49	6.368	55.01	51.76	65.91	60.57	0	0	26.31	5.455	0.001	12.43	
3/16/2011 5:00	14438	5.616	99.7	20.72	8.16	2.746	74.02	11.78	4.578	54.48	51.63	71.47	66.72	0	0	26.29	5.449	-0.006	12.86	
3/16/2011 6:00	14439	6.542	109.6	13.41	8.16	3.001	88.1	11.22	4.578	52.94	49.83	78.16	73.27	0	0	26.28	5.449	0	12.58	
3/16/2011 7:00	14440	6.888	82.9	9.67	9.95	3.451	70.78	11.59	8.16	51.11	49.37	82.9	78.2	0	0	26.28	5.446	-0.003	12.19	
3/16/2011 8:00	14441	5.912	74.36	7.943	9.95	2.75	66.67	12.45	6.368	50.02	48.26	86.4	81.3	0	0.34	26.28	5.446	0	12.6	
3/16/2011 9:00	14442	4.161	69.06	22.98	6.368	1.028	56.86	14.16	4.578	49.41	48.92	84.7	79.07	0	22	26.3	5.443	-0.003	12.64	
3/16/2011 10:00	14443	5.441	160.8	27.74	13.52	3.02	175.4	16.71	9.95	53.73	54.23	87.8	80.7	0	83.8	26.33	5.439	-0.004	12.84	
3/16/2011 11:00	14444	11.89	182.1	12.54	18.89	7.928	184.9	17.9	17.1	58.98	60.31	82.1	74.34	0	354	26.36	5.435	-0.004	12.81	
3/16/2011 12:00	14445	11.57	193.1	13.71	18.89	8.26	196.4	17.58	15.31	65.71	68.16	67.91	59.76	0	705.5	26.41	5.433	-0.002	12.9	
3/16/2011 13:00	14446	11.81	206	13.7	18.89	8.75	208.7	16.71	17.1	72.45	74.85	49.04	42.51	0	838	26.44	5.429	-0.004	12.84	
3/16/2011 14:00	14447	12.56	215.7	14.15	20.68	9.43	217.2	17.13	18.89	78.51	80.9	29.13	23.99	0	908	26.44	5.413	-0.016	13.08	
3/16/2011 15:00	14448	13.19	223.3	17.48	26.05	9.85	224.4	19.06	18.89	82.4	84.6	19.4	14.75	0	907	26.42	5.387	-0.026	12.81	
3/16/2011 16:00	14449	16.61	217.6	13.21	29.63	12.15	219.7	15.99	24.26	84.7	87	10.6	6.208	0	842	26.39	5.352	-0.035	12.82	
3/16/2011 17:00	14450	17.93	216.3	16.96	33.21	12.93	217.9	19.07	27.84	85.9	87.8	9.23	4.901	0	708	26.37	5.321	-0.031	12.9	
3/16/2011 18:00	14451	19.11	232.9	12.17	31.42	14.08	234	13.71	26.05	86.7	87.8	5.619	1.864	0	529.4	26.35	5.27	-0.051	12.81	
3/16/2011 19:00	14452	18.34	237.8	13.37	29.63	13.54	238.6	14.72	24.26	86	86.5	5.369	1.81	0	316.4	26.34	5.226	-0.044	12.85	
3/16/2011 20:00	14453	14.81	245.9	9.57	27.84	10.79	245.8	10.2	20.68	83.3	82.9	6.284	2.532	0	94.8	26.34	5.197	-0.028	12.83	
3/16/2011 21:00	14454	8.37	249.6	7.446	15.31	4.948	250.6	9.69	9.95	76.03	74.42	9.63	6.419	0	0.671	26.33	5.186	-0.012	12.91	
3/16/2011 22:00	14455	9.32	266.3	7.559	13.52	5.815	267	10.42	11.74	71.1	69.13	12.23	9.33	0	0.001	26.3	5.176	-0.009	12.8	
3/16/2011 23:00	14456	9.84	183.9	27.57	27.84	5.513	182.1	29.22	17.1	70.01	68.47	29.86	26.23	0	0.001	26.32	5.165	-0.012	13.76	
3/17/2011 0:00	14457	10.81	175.4	9.02	18.89	6.105	177.6	14.8	13.52	66.19	65.17	64.97	62.01	0	0.001	26.33	5.162	-0.003	12.77	
3/17/2011 1:00	14458	6.827	178	9.86	29.63	3.18	181.5	15.64	9.95	62.14	60.84	75.2	72.48	0	0	26.32	5.159	-0.003	12.64	
3/17/2011 2:00	14459	5.409	198.8	8.17	8.16	1.56	203.6	11.58	4.578	59.2	56.8	81.1	79.32	0	0	26.3	5.156	-0.003	14.89	
3/17/2011 3:00	14460	5.176	205.7	11.33	8.16	0.708	193.8	12.63	4.578	56.92	53.72	85.2	83.7	0	0	26.27	5.153	-0.002	12.83	
3/17/2011 4:00	14461	5.553	211.2	10.46	8.16	0.797	219.5	11.73	4.578	54.89	52.36	88.7	86.2	0	0	26.26	5.154	0.001	12.45	
3/17/2011 5:00	14462	6.033	190.4	7.745	9.95	1.338	189.4	9.47	4.578	53.62	51.17	89.6	87.1	0	0	26.24	5.151	-0.003	12.55	
3/17/2011 6:00	14463	6.936	193.3	9.84	11.74	3.06	193.8	15.77	8.16	53.59	51.67	87.7	86.1	0	0	26.24	5.151	0	12.33	
3/17/2011 7:00	14464	5.377	227.7	27.99	13.52	1.782	210.7	15.45	8.16	53.35	51.75	87.5	84.4	0	0	26.26	5.151	0	12.13	
3/17/2011 8:00	14465	4.034	254.3	20.68	6.368	0.005	326	0.049	2.789	50.99	48.59	92	86.6	0	0.683	26.28	5.148	-0.003	12.15	
3/17/2011 9:00	14466	3.925	257	18.18	6.368	0.002	237	0.06	2.789	52.13	50.14	91.1	88.3	0	84.3	26.29	5.148	0	12.17	
3/17/2011 10:00	14467	6.278	221.4	11.17	11.74	4.043	224.3	12.9	9.95	56.15	56.54	82.3	77.73	0	314.2	26.35	5.146	-0.002	12.07	
3/17/2011 11:00	14468	9.67	211.8	9.62	13.52	7.133	214.5	13.6	11.74	63.69	65.16	54.13	48.87	0	533.3	26.42	5.142	-0.005	14.05	
3/17/2011 12:00	14469	8.68	234	17.81	13.52	6.853	234.3	18.98	11.74	73.17	74.37	28.57	24.5	0	720.2	26.47	5.134	-0.007	12.43	
3/17/2011 13:00	14470	8.75	269.1	26.31	15.31	7.202	267.7	29.55	13.52	80.8	81.8	13.2	9.43	0	855	26.49	5.121	-0.013	12.64	
3/17/2011 14:00	14471	6.82	228.6	32.87	15.31	5.343	230.6	30.83	13.52	85.2	86.4	9.69	5.723	0	925	26.49	5.111	-0.01	12.79	
3/17/2011 15:00	14472	8.52	249.7	39.31	20.68	6.799	250.8	39.93	17.1	86.7	88.1	6.596	2.543	0	926	26.48	5.086	-0.025	12.9	
3/17/2011 16:00	14473	10.93	250.9	25.3	22.47	8.65	251.3	26.23	18.89	87.2	88.6	5.195	1.817	0	856	26.46	5.06	-0.025	12.82	
3/17/2011 17:00	14474	12.19	255.3	23.53	26.05	9.77	255.6	25.56	20.68	87.5	88.7	4.193	1.82	0	721.4	26.43	5.026	-0.035	12.84	
3/17/2011 18:00	14475	10.23	265.6	21.47	26.05	8.37	265.3	24.15	24.26	87.7	88.5	4.38	1.822	0	533	26.42	4.95	-0.076	12.92	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/17/2011 19:00	14476	10.84	228.1	16.63	22.47	7.949	229.2	17.45	17.1	87.7	88.4	3.868	1.823	0	316.8	26.41	4.95	0	13.91
3/17/2011 20:00	14477	12.59	223.9	10.47	20.68	8.63	224.9	12.55	17.1	84.6	84.2	4.613	1.87	0	92.1	26.4	4.925	-0.025	12.83
3/17/2011 21:00	14478	9.2	228.2	6.816	15.31	5.288	228.5	9.61	9.95	77.51	75.71	8.07	4.807	0	0.688	26.39	4.903	-0.021	12.82
3/17/2011 22:00	14479	5.789	231.8	7.04	8.16	1.655	228.1	10.13	4.578	71.51	67.8	10.05	7.762	0	0.001	26.37	4.895	-0.009	12.86
3/17/2011 23:00	14480	5.754	264.8	11.26	9.95	2.199	275.2	11.95	6.368	69.22	65.28	11.77	9.79	0	0	26.36	4.889	-0.005	12.22
3/18/2011 0:00	14481	5.717	273	46.45	18.89	1.863	249	58.17	11.74	65.48	61.16	15.25	13.55	0	0	26.35	4.883	-0.006	13.42
3/18/2011 1:00	14482	5.43	192.7	14.45	20.68	1.624	185.7	13.26	8.16	64.75	62.22	40.44	37.4	0	0	26.36	4.877	-0.006	13.84
3/18/2011 2:00	14483	4.668	179.2	16.69	8.16	0.536	173.3	22.03	2.789	59.66	57.28	58.81	56.46	0	0	26.35	4.873	-0.003	12.67
3/18/2011 3:00	14484	4.409	194	13.03	9.95	0.678	208.5	15.19	6.368	58.16	56.01	69.15	67.05	0	0	26.33	4.871	-0.002	14.56
3/18/2011 4:00	14485	6.273	188.4	15.45	11.74	2.053	186.3	24.16	6.368	59.99	56.89	70.21	70.11	0	0	26.32	4.871	0	12.32
3/18/2011 5:00	14486	3.841	190	11.67	8.16	0.491	175.8	16.6	4.578	58.78	55.55	73.36	73.78	0	0	26.32	4.868	-0.003	14.27
3/18/2011 6:00	14487	2.937	219.8	32.92	4.578	0.35	318.6	2.757	2.789	56.82	53.53	76.87	77.04	0	0	26.31	4.866	-0.003	12.58
3/18/2011 7:00	14488	5.257	284.3	10.01	8.16	2.483	307.3	13.83	4.578	57.27	52.57	75.1	76.84	0	0	26.32	4.866	0	12.21
3/18/2011 8:00	14489	4.491	275.5	13.13	8.16	1.302	304.5	11.55	4.578	55.31	50.65	77.87	79.61	0	0.795	26.33	4.862	-0.003	12.51
3/18/2011 9:00	14490	3.173	276.5	16.15	4.578	0.225	329	2.305	2.789	56.64	53.79	75.68	74.55	0	88.8	26.34	4.85	-0.013	12.89
3/18/2011 10:00	14491	4.656	230	18.84	9.95	3.257	233.1	15.63	9.95	63.14	63.71	63.74	58.62	0	303.9	26.4	4.848	-0.002	13.25
3/18/2011 11:00	14492	7.414	239.9	14.6	11.74	5.976	241.1	16.34	9.95	68.34	69.04	53.84	49.2	0	514.1	26.48	4.846	-0.002	12.97
3/18/2011 12:00	14493	6.965	322.8	51.62	15.31	5.486	325.1	52.48	13.52	75.52	76.4	37.4	33.25	0	700.3	26.52	4.846	-0.001	12.93
3/18/2011 13:00	14494	12.54	18.89	14.25	20.68	9.12	19.32	16.2	18.89	77.43	78.66	25.76	21.65	0	834	26.55	4.836	-0.01	12.72
3/18/2011 14:00	14495	12.22	42.09	19.22	20.68	7.995	39.54	20.49	17.1	77.09	79.04	19.54	15.14	0	905	26.56	4.82	-0.016	12.81
3/18/2011 15:00	14496	11.42	45.72	17.43	20.68	7.343	43.34	19.33	17.1	80	82.3	16.08	11.57	0	903	26.54	4.795	-0.025	12.82
3/18/2011 16:00	14497	12.96	60.8	17.99	22.47	8.31	57.77	21.59	18.89	81.7	84.2	14.46	9.85	0	826	26.52	4.76	-0.035	14.95
3/18/2011 17:00	14498	13.41	65.14	14.07	26.05	8.69	61.79	19.18	18.89	82.1	84.5	15.32	10.67	0	679.3	26.5	4.731	-0.028	12.99
3/18/2011 18:00	14499	14.25	75.39	14.09	24.26	9.53	72.84	20.32	18.89	81.8	84	17.05	12.44	0	502.1	26.48	4.703	-0.029	12.85
3/18/2011 19:00	14500	13.99	78.15	12.03	27.84	9.04	75.01	18.24	18.89	80.9	82.3	20.28	15.98	0	285.3	26.45	4.681	-0.022	12.74
3/18/2011 20:00	14501	12.62	75.88	8.34	20.68	8.15	72.84	15.46	17.1	78.9	78.95	26.18	22.64	0	75.97	26.43	4.662	-0.019	12.78
3/18/2011 21:00	14502	18.52	86.9	8.16	31.42	11.46	85.1	16.08	20.68	73.54	73.14	31.88	28.57	0	0.63	26.42	4.64	-0.021	13.71
3/18/2011 22:00	14503	15.56	74.84	7.699	24.26	9.98	72.32	14.71	18.89	69.14	68.72	38.15	34.83	0	0.001	26.41	4.625	-0.016	12.71
3/18/2011 23:00	14504	15.7	69.93	7.029	24.26	10.49	68.84	13.58	18.89	65.86	65.46	42.43	39.07	0	0	26.4	4.613	-0.011	12.62
3/19/2011 0:00	14505	14.96	72.8	8.6	22.47	9.74	71.53	14.33	18.89	62.41	62.01	46.75	43.32	0	0	26.4	4.604	-0.009	12.82
3/19/2011 1:00	14506	13.81	79.44	7.82	31.42	8.37	76.46	15.02	20.68	60.68	60.24	51.03	47.61	0	0	26.4	4.598	-0.006	12.68
3/19/2011 2:00	14507	13.03	75.02	7.504	18.89	8.23	72.42	14.77	13.52	58.74	58.35	56.18	52.64	0	0	26.39	4.591	-0.006	12.7
3/19/2011 3:00	14508	14.63	74.48	6.686	20.68	9.17	71.91	14.2	15.31	57.25	56.89	60.6	56.97	0	0	26.37	4.585	-0.006	12.4
3/19/2011 4:00	14509	14.48	73.06	6.689	18.89	9.44	70.21	13.44	15.31	55.29	55.05	66.5	62.5	0	0	26.35	4.576	-0.009	12.27
3/19/2011 5:00	14510	14.07	73.24	6.851	18.89	9.07	70.58	14.37	15.31	53.39	53.18	72.92	68.59	0	0	26.32	4.573	-0.003	12.67
3/19/2011 6:00	14511	13.96	71.94	6.82	18.89	9.23	69.65	13.9	15.31	52.26	52.14	76.4	71.72	0	0	26.3	4.57	-0.002	12.58
3/19/2011 7:00	14512	12.37	64.41	8.96	18.89	7.953	62.89	14.34	15.31	51.8	51.66	78.76	74	0	0	26.29	4.564	-0.006	14.6
3/19/2011 8:00	14513	10.91	60.35	12.8	17.1	6.663	59.19	16.57	13.52	52.14	52.09	79.28	74.29	0	0.478	26.3	4.561	-0.003	14.44
3/19/2011 9:00	14514	9.06	72.8	15.18	13.52	5.617	70.5	20.22	9.95	53.55	53.7	79.05	73.76	0	22.66	26.3	4.561	0	12.79
3/19/2011 10:00	14515	7.395	69.94	13.14	11.74	4.898	67.07	17.42	9.95	57.39	57.88	75.88	70.25	0	83.9	26.32	4.56	-0.001	12.9
3/19/2011 11:00	14516	11.37	153.7	34.52	20.68	7.617	155.6	38.27	18.89	63.51	64.45	76.33	70.01	0	179.7	26.36	4.556	-0.003	12.94
3/19/2011 12:00	14517	11.41	192.6	18.5	18.89	8.07	196.6	21.13	15.31	68.52	69.98	67.66	61.26	0	399.7	26.39	4.552	-0.005	12.95
3/19/2011 13:00	14518	11.37	202.2	17.13	20.68	8.04	205	19.83	15.31	70.75	72.6	62.5	55.8	0	445.7	26.41	4.548	-0.003	12.93
3/19/2011 14:00	14519	12.54	188.5	17.87	22.47	8.89	191.8	22.3	18.89	74.42	77.15	54.95	47.82	0	809	26.41	4.538	-0.01	13.8
3/19/2011 15:00	14520	13.67	173.9	17.95	27.84	9.3	176.4	22.49	20.68	76.92	79.88	48.78	41.91	0	760.1	26.4	4.522	-0.016	12.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/19/2011 16:00	14521	14.17	183.6	19.72	26.05	9.7	186.4	22.94	20.68	79.16	82.2	41.87	35.35	0	777.5	26.37	4.497	-0.025	12.98
3/19/2011 17:00	14522	13.96	184.4	19.49	26.05	9.65	186.4	23.54	20.68	81	83.6	35.76	30.04	0	668.5	26.36	4.475	-0.022	13.03
3/19/2011 18:00	14523	15.18	193.2	16.3	29.63	10.41	196.1	19.31	24.26	82.1	84.1	29.02	24.11	0	507.4	26.34	4.443	-0.031	14.19
3/19/2011 19:00	14524	16.09	175.1	14.32	26.05	10.27	177.2	18.64	18.89	81.1	82.5	34.34	29.55	0	299.1	26.32	4.427	-0.016	12.91
3/19/2011 20:00	14525	16.3	160.5	11.07	27.84	10.2	161.5	15.75	20.68	76.74	76.9	45.36	41.63	0	66.46	26.31	4.408	-0.019	12.96
3/19/2011 21:00	14526	12.92	153.9	8.1	20.68	7.997	155.2	13.04	15.31	72.2	71.63	53.37	50.4	0	0.632	26.3	4.396	-0.012	13.06
3/19/2011 22:00	14527	13.51	161.4	8.26	22.47	8.39	162.9	14.02	17.1	69.65	69.12	57.78	54.71	0	0.001	26.3	4.387	-0.009	14.31
3/19/2011 23:00	14528	9.09	169.1	11.22	15.31	5.346	171.8	16.23	9.95	66.79	66.06	64.33	61.46	0	0	26.32	4.382	-0.005	13.01
3/20/2011 0:00	14529	8.2	170.4	7.996	13.52	4.27	171.8	13.57	9.95	64.64	63.4	66.69	64.65	0	0	26.32	4.376	-0.006	13
3/20/2011 1:00	14530	5.203	164.5	7.217	13.52	1.085	165.4	8.62	8.16	62.36	60.18	70.32	69.59	0	0	26.31	4.376	0	14.43
3/20/2011 2:00	14531	3.969	144.1	9.96	6.368	0.432	96.3	3.979	2.789	60.35	57.94	74.03	73.51	0	0	26.29	4.372	-0.003	14.7
3/20/2011 3:00	14532	3.283	157.2	20.27	8.16	0.253	133.5	4.172	2.789	59.86	58.01	75.81	74.27	0	0	26.28	4.373	0	14.38
3/20/2011 4:00	14533	3.237	155.8	19.81	6.368	0	0	0	0	59.73	57.09	76.97	77.39	0	0	26.27	4.37	-0.003	12.93
3/20/2011 5:00	14534	5.292	150.4	7.448	8.16	1.511	98.5	12.48	4.578	58.84	55.62	79.07	79.12	0	0	26.26	4.37	0	12.24
3/20/2011 6:00	14535	4.041	152	10.81	8.16	0.213	120.1	4.11	4.578	56.6	54.13	83.5	82.5	0	0	26.26	4.367	-0.002	12.69
3/20/2011 7:00	14536	4.231	159.6	11.16	6.368	0.013	135.9	1.143	2.789	56.06	53.8	86.7	84.7	0	0	26.27	4.368	0	12.33
3/20/2011 8:00	14537	3.849	165.9	12.83	6.368	0	0	0	0	54.58	52.22	91	87	0	1.102	26.28	4.368	0	12.39
3/20/2011 9:00	14538	3.122	190.7	25.27	6.368	0.006	172.5	1.064	2.789	55.17	53.78	92.5	88.8	0	90.8	26.29	4.364	-0.003	12.56
3/20/2011 10:00	14539	7.014	209.9	13.59	13.52	4.518	211.5	14.37	11.74	60.16	60.69	83.2	78.32	0	315.8	26.34	4.363	-0.001	12.93
3/20/2011 11:00	14540	8.93	218.8	11.2	13.52	6.729	222.4	14.02	11.74	65.55	66.97	69.14	62.58	0	532.8	26.4	4.362	-0.001	13.75
3/20/2011 12:00	14541	8.3	238.1	25.41	15.31	6.547	238.8	26.84	13.52	72.75	73.99	46.79	41.8	0	721.7	26.45	4.358	-0.004	12.97
3/20/2011 13:00	14542	8.45	273.2	26.28	17.1	7.024	274.5	28.83	15.31	79.92	81	18.03	14.2	0	858	26.47	4.345	-0.013	13.44
3/20/2011 14:00	14543	9.17	242.3	29.62	20.68	7.305	242.3	30.22	17.1	82.6	84.2	9.64	5.538	0	933	26.47	4.326	-0.019	15.03
3/20/2011 15:00	14544	9.58	226.9	38.78	20.68	7.401	227.4	40.61	17.1	84.5	86.3	6.085	2.592	0	933	26.45	4.297	-0.029	12.88
3/20/2011 16:00	14545	11.01	217.9	25.32	20.68	8.24	219.3	28.52	18.89	85.1	87.1	3.923	1.815	0	866	26.43	4.262	-0.035	12.99
3/20/2011 17:00	14546	14.21	217.9	25.13	26.05	10.43	220	26.22	20.68	85	86.8	3.265	1.81	0	702.6	26.41	4.224	-0.038	15.12
3/20/2011 18:00	14547	13.72	208.3	15.52	26.05	9.57	210.2	18.28	18.89	84.4	86.1	2.574	1.812	0	503.1	26.39	4.167	-0.057	12.91
3/20/2011 19:00	14548	11.34	212.9	12.19	18.89	7.723	214.3	15.29	17.1	82.4	82.8	2.363	1.775	0	198.9	26.37	4.142	-0.025	12.9
3/20/2011 20:00	14549	7.775	185.2	8.44	13.52	4.03	184.3	13.72	9.95	79.64	78.3	3.035	1.744	0	74.13	26.35	4.13	-0.012	12.89
3/20/2011 21:00	14550	7.041	161.6	8.56	9.95	2.489	131.4	18.66	4.578	72.82	67.78	5.204	2.897	0	1.072	26.33	4.121	-0.009	12.84
3/20/2011 22:00	14551	10.84	156	7.219	20.68	5.564	145.8	18.63	13.52	68.91	65.61	21.61	18.69	0	0	26.31	4.112	-0.008	12.26
3/20/2011 23:00	14552	15.06	159	8.2	24.26	9.25	160.4	13.41	17.1	67.96	67.37	54.03	50.79	0	0	26.32	4.103	-0.009	12.96
3/21/2011 0:00	14553	15.43	163.2	8.41	24.26	9.44	165	13.88	20.68	64.69	64.19	66.29	62.91	0	0	26.33	4.1	-0.003	12.8
3/21/2011 1:00	14554	14.15	169.3	8.31	36.78	8.56	171.2	14.29	27.84	63.11	62.6	73.18	69.62	0	0	26.33	4.097	-0.003	12.35
3/21/2011 2:00	14555	13.42	169.9	9.06	22.47	8.26	172.1	14.36	17.1	62.43	61.97	79.07	75.16	0	0	26.32	4.097	0	12.44
3/21/2011 3:00	14556	10.26	168.8	8.76	17.1	5.942	170.6	14.34	11.74	61.89	61.18	80.4	76.91	0	0	26.3	4.093	-0.003	12.84
3/21/2011 4:00	14557	10.39	169.7	8.75	15.31	5.977	171.5	13.7	11.74	60.98	60.2	81.9	78.54	0	0	26.29	4.093	0	12.12
3/21/2011 5:00	14558	11.31	171.7	7.822	17.1	6.606	173.1	13.89	13.52	60.6	59.8	82.6	79.27	0	0	26.27	4.093	0	12.09
3/21/2011 6:00	14559	12.53	174.4	8.45	18.89	7.454	176.4	14.54	15.31	60.66	59.99	83.2	79.58	0	0	26.27	4.09	-0.003	12.33
3/21/2011 7:00	14560	13.18	175.9	8.78	22.47	7.912	178.5	14.8	17.1	59.99	59.49	86.3	82.1	0	0	26.27	4.09	0	12.09
3/21/2011 8:00	14561	12.76	179.7	9.48	20.68	7.754	182.6	15.35	15.31	59.27	58.88	90.4	85.5	0	0.77	26.28	4.09	0	12.1
3/21/2011 9:00	14562	13.65	179.5	8.26	20.68	8	182.2	14.79	15.31	59.65	59.59	91.6	86.5	0	87.7	26.29	4.09	0	12.08
3/21/2011 10:00	14563	16.14	178.6	8.28	24.26	9.84	180.7	14.47	18.89	62.48	63.14	85.8	79.75	0	249.7	26.31	4.09	0	12.38
3/21/2011 11:00	14564	16.12	183.4	9.68	24.26	10.09	185.9	15.43	18.89	65.57	66.44	76.68	70.83	0	281	26.35	4.089	-0.001	12.36
3/21/2011 12:00	14565	15.21	190	9.55	24.26	10.07	193.3	14.92	18.89	69.3	71.04	66.54	60.01	0	448.3	26.37	4.086	-0.004	12.33

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/21/2011 13:00	14566	14.27	190.1	13.39	22.47	9.55	192.6	17.89	17.1	73.75	75.9	55.1	48.87	0	598.5	26.38	4.079	-0.006	12.28
3/21/2011 14:00	14567	14.6	194.9	12.42	24.26	10.31	197.9	16.46	18.89	78.73	81.3	40.02	34.36	0	723.6	26.39	4.066	-0.013	12.28
3/21/2011 15:00	14568	15.82	199.7	13.32	26.05	11.19	202	16.87	20.68	81.4	84	31.54	26.18	0	793.3	26.37	4.041	-0.025	12.48
3/21/2011 16:00	14569	16.24	197.4	13.06	29.63	11.24	199.5	17.16	22.47	83.4	86.1	28.93	23.61	0	770.9	26.34	4.009	-0.032	12.44
3/21/2011 17:00	14570	19.57	179.1	21.25	33.21	12.87	181.6	23.73	26.05	84.5	87.1	27.86	22.66	0	660	26.31	3.977	-0.031	12.43
3/21/2011 18:00	14571	19.93	167.7	11.69	31.42	12.59	169.7	15.98	24.26	83.5	85.2	30.83	26.12	0	385.5	26.28	3.936	-0.041	12.33
3/21/2011 19:00	14572	18.88	167	9.34	27.84	11.72	168.7	14.9	22.47	79.29	79.8	40.62	36.56	0	118.2	26.26	3.917	-0.019	12.12
3/21/2011 20:00	14573	17.52	164.2	9.87	27.84	10.88	166.2	14.4	22.47	72.73	72.83	55.26	51.39	0	34.51	26.24	3.899	-0.018	12.39
3/21/2011 21:00	14574	13.57	175.8	10.55	24.26	8.27	177.7	16.01	18.89	67.16	66.98	66.42	62.6	0	1.366	26.24	3.886	-0.013	12.24
3/21/2011 22:00	14575	14.26	165.3	9.02	26.05	8.75	166.8	14.11	18.89	64.78	64.55	72.78	68.82	0	0	26.23	3.878	-0.008	12.13
3/21/2011 23:00	14576	14.58	168.2	8.28	24.26	8.9	170	14.28	17.1	63.82	63.57	77.66	73.53	0	0	26.22	3.871	-0.006	13.85
3/22/2011 0:00	14577	14.54	170.8	8.6	22.47	8.81	172.7	14.12	15.31	63.42	63.12	77.82	73.84	0	0	26.21	3.868	-0.003	12.29
3/22/2011 1:00	14578	15.23	175.8	9.15	26.05	9.38	178.4	15.36	18.89	63.71	63.35	76.62	72.84	0	0	26.19	3.868	0	12.3
3/22/2011 2:00	14579	17.13	175.8	8.56	27.84	10.59	177.6	14.46	20.68	64.71	64.25	72.55	69.22	0	0	26.16	3.862	-0.006	12.18
3/22/2011 3:00	14580	17.59	186.7	9.5	26.05	11.05	189.3	14.99	18.89	65.62	65.16	68.61	65.38	0	0	26.15	3.859	-0.003	12.4
3/22/2011 4:00	14581	13.79	200	9.33	22.47	8.99	203.3	13.23	18.89	64.93	64.38	69.69	66.57	0	0	26.16	3.856	-0.003	12.21
3/22/2011 5:00	14582	13.69	196.6	9.37	22.47	8.67	198.9	13.89	17.1	63.23	62.6	73.94	70.76	0	0	26.14	3.856	0	12.3
3/22/2011 6:00	14583	13.14	186.2	9.05	20.68	8.04	189.3	14.45	15.31	61.47	60.78	76.64	73.39	0	0	26.12	3.852	-0.003	12.32
3/22/2011 7:00	14584	8.95	197.5	11.34	13.52	5.362	201.4	15.68	9.95	59.19	58.23	80.4	77.3	0	0	26.11	3.852	0	12.33
3/22/2011 8:00	14585	6.836	230.1	29.06	11.74	3.821	238.3	36.68	8.16	56.61	55.45	84.1	80.4	0	1.272	26.11	3.849	-0.003	12.1
3/22/2011 9:00	14586	8.21	247.9	14.05	20.68	5.044	251.8	18.17	17.1	55.9	55.31	85.1	80.8	0	105	26.14	3.847	-0.003	12.29
3/22/2011 10:00	14587	9.9	241.2	20.85	20.68	7.493	241.3	21.19	17.1	62.05	62.51	63.19	58.85	0	325.7	26.18	3.843	-0.004	12.73
3/22/2011 11:00	14588	21.42	281	10.18	31.42	17.07	279.5	12.32	27.84	68.07	68.87	22.26	18.77	0	540.2	26.23	3.788	-0.055	14.71
3/22/2011 12:00	14589	22.65	267.5	12.87	36.78	18.2	266.7	13.61	31.42	70.69	71.81	18.08	14.14	0	733.7	26.25	3.785	-0.003	14.31
3/22/2011 13:00	14590	23.36	264.5	15	36.78	18.74	263.6	15.47	31.42	72.81	74.16	15.06	10.98	0	866	26.26	3.737	-0.048	13.3
3/22/2011 14:00	14591	23.45	267.2	14.41	40.36	18.62	267.3	15.74	33.21	74.94	76.52	11.34	7.107	0	938	26.26	3.718	-0.02	12.71
3/22/2011 15:00	14592	20.55	271.9	14.32	34.99	16.31	271.1	16.96	27.84	75.09	76.88	12.71	8.3	0	931	26.25	3.692	-0.025	13.02
3/22/2011 16:00	14593	16.96	276.9	16.35	31.42	13.04	278.5	19.48	27.84	76.65	78.38	11.8	7.377	0	854	26.23	3.638	-0.054	14.67
3/22/2011 17:00	14594	17.63	268.8	14.26	31.42	12.6	269.7	17.64	26.05	77.12	78.81	11.36	6.921	0	719	26.23	3.591	-0.048	13.15
3/22/2011 18:00	14595	17.56	270.7	13.78	33.21	12.74	272.1	17.07	27.84	76.7	78.04	10.95	6.648	0	537.2	26.23	3.572	-0.019	12.95
3/22/2011 19:00	14596	16.88	268.3	13.24	29.63	11.76	269.9	16.41	24.26	75.69	76.56	11.39	7.273	0	318.8	26.22	3.55	-0.022	12.99
3/22/2011 20:00	14597	14.7	270.5	9.47	26.05	10.33	271.4	12.35	20.68	72.92	73	14.7	10.93	0	94.7	26.22	3.541	-0.009	12.88
3/22/2011 21:00	14598	6.801	248.3	15.67	15.31	3.854	235.3	23.58	13.52	67.42	65.71	18.54	15.89	0	1.014	26.2	3.535	-0.006	12.81
3/22/2011 22:00	14599	7.693	267.2	11.05	13.52	3.18	271.9	14.21	9.95	64.31	60.95	20.61	19.28	0	0	26.18	3.523	-0.012	12.6
3/22/2011 23:00	14600	8.63	250.1	17	17.1	4.17	248.3	20.33	11.74	59.82	57.86	20.59	18.33	0	0	26.18	3.52	-0.003	12.4
3/23/2011 0:00	14601	8.47	249.7	9.22	13.52	3.395	246.3	15.49	8.16	55.21	51.9	23.38	22.54	0	0	26.17	3.514	-0.005	12.65
3/23/2011 1:00	14602	7.085	227.3	21.71	22.47	3.27	200.1	25.54	8.16	55.48	50.71	22.8	22.95	0	0	26.15	3.505	-0.009	12.36
3/23/2011 2:00	14603	10.86	277.6	23.8	20.68	6.74	278.6	26.62	18.89	58.12	55.99	18.65	16.86	0	0	26.14	3.483	-0.022	12.59
3/23/2011 3:00	14604	19.46	321.1	12.06	31.42	15.58	322.7	11.83	27.84	58.93	58.47	17.79	14.35	0	0	26.16	3.463	-0.02	12.92
3/23/2011 4:00	14605	18.75	341.8	10.36	31.42	14.81	341.1	11.65	26.05	54.59	54.26	18.4	14.8	0	0	26.19	3.456	-0.006	12.18
3/23/2011 5:00	14606	20.78	341.9	9.58	33.21	16.45	340.5	11.37	27.84	52.58	52.3	19.55	15.88	0	0	26.18	3.451	-0.005	12.26
3/23/2011 6:00	14607	12.32	355.3	45.28	31.42	8.63	349.5	36.61	27.84	52.27	51.95	19.63	15.96	0	0	26.2	3.441	-0.009	12.86
3/23/2011 7:00	14608	6.035	39.31	49.76	18.89	2.554	28.64	34.19	11.74	51.12	50.26	20.35	17.05	0	0	26.23	3.435	-0.006	12.74
3/23/2011 8:00	14609	7.707	8.2	21.17	17.1	3.914	359.8	10.92	13.52	50.2	49.5	20.9	17.56	0	1.928	26.24	3.432	-0.003	13.05
3/23/2011 9:00	14610	3.529	329.9	46.32	9.95	0.742	350.1	21.09	8.16	49.54	48.95	21.74	18.23	0	120.7	26.26	3.432	0	12.9

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/23/2011 10:00	14611	7.81	340.9	21.04	20.68	5.364	344.9	17.82	17.1	55.05	55.8	18.33	13.97	0	356.6	26.3	3.425	-0.007	13.3
3/23/2011 11:00	14612	12.63	359	13.18	20.68	9.46	358.2	15.79	15.31	59.09	60.01	16.65	12.34	0	579.5	26.36	3.421	-0.004	12.86
3/23/2011 12:00	14613	9.81	353.3	20.97	18.89	7.407	353.4	21.59	17.1	62.54	63.74	15.17	10.71	0	771.3	26.4	3.407	-0.014	13.1
3/23/2011 13:00	14614	8.06	328.5	35.85	17.1	6.08	327.6	36.62	17.1	66.27	67.39	13.45	9.01	0	901	26.42	3.395	-0.013	13.06
3/23/2011 14:00	14615	7.873	289.8	43.06	17.1	5.67	293.3	40.29	13.52	69.99	71.34	11.94	7.425	0	965	26.43	3.382	-0.013	14.85
3/23/2011 15:00	14616	9.15	276.4	31.05	18.89	6.648	278.5	32.82	17.1	71.83	73.58	10.89	6.233	0	959	26.41	3.35	-0.032	12.7
3/23/2011 16:00	14617	9.73	291.8	36.15	18.89	7.589	296.1	35.48	17.1	73.97	75.31	8.83	4.365	0	883	26.38	3.334	-0.016	13.01
3/23/2011 17:00	14618	8.23	265.6	56.33	17.1	5.707	265.9	54.88	13.52	75.73	77.14	7.516	3.059	0	745.1	26.36	3.318	-0.016	12.92
3/23/2011 18:00	14619	7.216	274.4	36.54	17.1	4.925	274.1	33.32	15.31	76.84	77.86	5.509	1.793	0	560	26.34	3.299	-0.019	12.98
3/23/2011 19:00	14620	7.355	254.7	25.97	18.89	4.852	257.7	27.71	18.89	76.44	77.25	4.727	1.747	0	341.6	26.33	3.283	-0.016	14.89
3/23/2011 20:00	14621	4.811	267.5	22.88	11.74	2.619	279.9	13.16	9.95	74.57	74.28	5.572	2.123	0	110.8	26.32	3.268	-0.015	13.13
3/23/2011 21:00	14622	6.109	177.6	17.12	9.95	0.701	155.2	4.171	4.578	67.2	63.99	9.93	6.996	0	1.237	26.3	3.262	-0.006	14.16
3/23/2011 22:00	14623	7.313	155.2	9.34	9.95	0.614	134.8	8.97	4.578	61.1	56.16	13.3	11.84	0	0	26.27	3.253	-0.009	12.64
3/23/2011 23:00	14624	8.03	140	8.96	11.74	1.559	114.8	7.657	4.578	59.97	54.18	13.26	12.56	0	0	26.24	3.248	-0.006	12.71
3/24/2011 0:00	14625	9.02	100.2	16.54	15.31	3.691	89.2	17.23	9.95	56.44	52.91	14.98	13.1	0	0	26.23	3.242	-0.006	12.86
3/24/2011 1:00	14626	9.55	120	10.05	17.1	4.156	111.1	18.65	9.95	55.83	52.69	16.56	14.39	0	0	26.23	3.238	-0.003	12.75
3/24/2011 2:00	14627	8.84	114.7	6.192	13.52	3.856	107.3	13.62	8.16	54.04	51.87	18.73	16.12	0	0	26.22	3.232	-0.006	12.57
3/24/2011 3:00	14628	11.32	102.9	11.42	17.1	6.371	99.8	16.96	13.52	53	51.69	20.77	17.56	0	0	26.22	3.226	-0.006	12.13
3/24/2011 4:00	14629	11.04	110.7	8.56	17.1	6.486	109	15.56	11.74	51.16	50.26	23.75	20.33	0	0	26.21	3.219	-0.006	12.69
3/24/2011 5:00	14630	12.34	118.2	8.56	18.89	7.19	117.4	16.22	15.31	51.44	50.52	24.92	21.54	0	0	26.2	3.216	-0.003	12.7
3/24/2011 6:00	14631	12.52	110.3	8.15	20.68	7.909	109.6	15.71	15.31	50.4	49.71	27.36	23.83	0	0	26.19	3.21	-0.006	12.47
3/24/2011 7:00	14632	15.02	113.5	8.03	22.47	9.31	112.5	16.1	18.89	50.68	50.18	28.96	25.3	0	0	26.19	3.204	-0.006	14.79
3/24/2011 8:00	14633	13.81	105	9.26	20.68	9	104.3	16.89	17.1	50.39	50	30.87	27.14	0	1.831	26.19	3.197	-0.006	12.64
3/24/2011 9:00	14634	13.66	110.2	12.54	24.26	8.65	111.1	19.39	18.89	51.36	51.4	31.02	26.98	0	90.7	26.2	3.194	-0.003	12.54
3/24/2011 10:00	14635	17.6	128.4	9.49	26.05	11.17	130.4	16.19	20.68	57.89	59.01	35.57	30.44	0	287.8	26.23	3.161	-0.033	12.87
3/24/2011 11:00	14636	18.7	145.3	11.15	29.63	11.88	147.8	16.33	22.47	63.88	65.29	50.78	45.03	0	360.3	26.27	3.161	0	12.71
3/24/2011 12:00	14637	23.02	159.8	12.15	38.57	14.57	162.4	16.61	29.63	69.24	71.51	55.13	48.28	0	674.6	26.29	3.151	-0.01	13.05
3/24/2011 13:00	14638	22.81	173.6	11.84	40.36	14.73	176.5	16.77	31.42	72.84	75.56	51.49	44.42	0	840	26.3	3.141	-0.01	13.01
3/24/2011 14:00	14639	20.87	187.4	16.54	34.99	13.91	190.2	19.91	26.05	75.64	78.66	44.64	37.74	0	861	26.29	3.109	-0.032	13.85
3/24/2011 15:00	14640	18.12	216.7	16.96	31.42	12.93	217.6	18.61	26.05	79.59	82.1	26.99	21.83	0	903	26.27	3.077	-0.032	14.12
3/24/2011 16:00	14641	17.9	226.7	17.29	31.42	12.46	227.3	20.3	24.26	82.4	84.7	12.53	8.05	0	855	26.25	3.042	-0.035	14.65
3/24/2011 17:00	14642	18.11	239.1	16.04	31.42	12.35	239.3	20.12	24.26	83.1	84.9	8.25	3.916	0	729.8	26.23	3.004	-0.038	14.87
3/24/2011 18:00	14643	20.12	238	14.97	31.42	15.23	238.7	15.19	26.05	83.8	84.8	5.195	2.387	0	550.1	26.2	2.95	-0.054	13.03
3/24/2011 19:00	14644	21.58	243.7	11.75	33.21	16.51	244.2	12.25	27.84	83	83.3	2.956	1.793	0	322.6	26.19	2.916	-0.035	12.91
3/24/2011 20:00	14645	16.95	245.1	10.41	31.42	12.78	244.7	10.87	24.26	79.44	79.14	3.009	1.747	0	58.22	26.19	2.89	-0.025	13.58
3/24/2011 21:00	14646	10.45	275.1	9.42	22.47	6.564	274.1	14.67	17.1	73.97	72.9	3.928	1.716	0	1.322	26.2	2.872	-0.019	13.36
3/24/2011 22:00	14647	8.54	302.9	13.67	11.74	3.617	317.3	12.05	8.16	68.09	63.52	6.232	3.722	0	0	26.17	2.857	-0.015	12.89
3/24/2011 23:00	14648	8.03	327.3	32.48	13.52	4.925	329.3	45.44	11.74	64.58	62.28	8.4	5.162	0	0	26.16	2.85	-0.006	12.92
3/25/2011 0:00	14649	6.212	307	25.99	15.31	3.08	311.1	30.88	11.74	62.68	59.19	10.41	7.815	0	0	26.14	2.841	-0.009	13.11
3/25/2011 1:00	14650	7.192	306.5	29.26	15.31	3.481	308.9	39.62	11.74	63.65	60.01	10.51	8.2	0	0	26.13	2.838	-0.003	12.81
3/25/2011 2:00	14651	8.42	193.5	24.88	18.89	3.385	195.2	26.41	17.1	57.73	54.61	13.55	10.94	0	0	26.15	2.826	-0.012	12.61
3/25/2011 3:00	14652	5.452	189.4	24.12	13.52	0.984	163	9.71	8.16	55.31	52.22	59.8	52.73	0	0	26.14	2.823	-0.003	12.41
3/25/2011 4:00	14653	3.402	168.3	26.84	6.368	0	0	0	0	52.78	50.38	83.9	79.28	0	0	26.12	2.823	0	12.34
3/25/2011 5:00	14654	4.407	316.1	32.12	11.74	1.695	321.6	13.94	8.16	53.05	49.5	84.7	79.93	0	0	26.11	2.817	-0.006	12.3
3/25/2011 6:00	14655	3.281	7.036	50.7	6.368	0.648	89.1	19.63	4.578	53.71	47.83	76.27	79.46	0	0	26.09	2.817	0	12.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/25/2011 7:00	14656	2.745	355.8	34.53	8.16	0.062	323.3	11.77	4.578	51.01	44.66	51.74	64.72	0	0	26.08	2.817	0	12.61
3/25/2011 8:00	14657	7.335	6.755	27.96	13.52	3.595	356.2	42.17	9.95	54.11	51.63	24.25	25.69	0	1.788	26.08	2.813	-0.003	12.91
3/25/2011 9:00	14658	2.603	275.1	56.65	6.368	0.819	231	29.09	4.578	47.72	45.39	32.21	33.28	0	121.5	26.11	2.81	-0.003	12.64
3/25/2011 10:00	14659	1.789	268.4	19.62	4.578	0.726	281.7	15.18	4.578	56.69	57.1	23.28	19.6	0	358.6	26.15	2.809	-0.001	13.25
3/25/2011 11:00	14660	3.163	205.2	75.52	11.74	1.893	227.3	56.35	9.95	70.31	70.8	12.9	9.49	0	568.2	26.22	2.805	-0.004	12.92
3/25/2011 12:00	14661	10.35	241.6	22.47	22.47	8.23	241.5	24.93	22.47	73.77	74.93	8.8	4.791	0	755.3	26.27	2.786	-0.02	13.47
3/25/2011 13:00	14662	17.5	276.2	14.65	27.84	14.18	275.5	16.63	24.26	75.98	77.4	6.382	2.423	0	884	26.26	2.738	-0.048	14.96
3/25/2011 14:00	14663	15.94	260.1	20.67	27.84	12.99	259.4	20.89	26.05	78.39	79.89	5.96	1.811	0	975	26.24	2.722	-0.016	13.08
3/25/2011 15:00	14664	15.27	245.8	17.58	33.21	12.1	246.3	18.17	26.05	80.1	81.8	5.054	1.756	0	967	26.23	2.675	-0.048	13.13
3/25/2011 16:00	14665	13.93	240.2	21.11	27.84	10.59	241.6	22.47	22.47	80.8	82.5	4.207	1.769	0	891	26.2	2.646	-0.029	12.93
3/25/2011 17:00	14666	14.71	233.1	22.82	27.84	11.11	233.8	24.22	24.26	81.5	83.1	3.658	1.793	0	751	26.17	2.618	-0.029	12.89
3/25/2011 18:00	14667	16.59	225.6	12.67	29.63	12.06	226.5	15.08	24.26	81.5	83	4.007	1.8	0	559.5	26.15	2.58	-0.038	13.12
3/25/2011 19:00	14668	19.13	231.2	12.31	31.42	13.95	231.4	13.49	26.05	80.4	81	4.199	1.762	0	334.7	26.13	2.548	-0.032	14.97
3/25/2011 20:00	14669	18.49	238.5	9.62	29.63	13.64	238.6	11.16	24.26	77.65	77.5	5.213	1.806	0	101.8	26.13	2.517	-0.031	12.89
3/25/2011 21:00	14670	15.47	232.2	7.721	22.47	10.98	232.3	9.25	18.89	73.07	72.4	7.087	3.261	0	1.431	26.11	2.495	-0.022	13.06
3/25/2011 22:00	14671	9.18	239.8	8.46	17.1	5.516	240.2	10.54	13.52	67.42	66.06	9.64	6.18	0	0	26.1	2.486	-0.009	12.85
3/25/2011 23:00	14672	6.652	248	25.64	11.74	3.063	240.5	35.69	6.368	63.76	61.23	11.58	8.77	0	0	26.08	2.48	-0.006	13.96
3/26/2011 0:00	14673	6.214	262.8	29.23	11.74	3.485	283.7	41.43	6.368	59.9	57.36	13.61	10.98	0	0	26.05	2.476	-0.003	12.74
3/26/2011 1:00	14674	8.19	308	8.7	18.89	4.035	306.9	15.79	9.95	60.49	57	14.1	12.37	0	0	26.04	2.473	-0.003	13.46
3/26/2011 2:00	14675	6.74	291.9	22.34	11.74	3.63	276.1	37.06	6.368	57.8	55.5	15.33	12.74	0	0	26.04	2.467	-0.006	12.67
3/26/2011 3:00	14676	4.99	261.7	21.6	9.95	2.167	229	21.2	6.368	55.42	51.72	16.48	14.45	0	0	26.04	2.464	-0.003	12.82
3/26/2011 4:00	14677	8.63	287.4	19.98	15.31	4.712	280.9	26.79	11.74	56.47	53.05	17.15	15.11	0	0	26.02	2.458	-0.006	12.64
3/26/2011 5:00	14678	9.01	297.8	23.2	15.31	5.438	299.4	29.14	11.74	60.4	58.03	16.52	14.06	0	0	26.03	2.455	-0.003	12.77
3/26/2011 6:00	14679	9.53	304	10.57	15.31	6.149	307.4	13.45	11.74	60.2	58.06	17.88	15.34	0	0	26.04	2.448	-0.007	12.54
3/26/2011 7:00	14680	12.16	309	10.29	22.47	8.65	313.4	10.37	18.89	59.96	58.14	19.27	16.61	0	0	26.06	2.429	-0.019	12.73
3/26/2011 8:00	14681	16.76	325.4	13.45	24.26	13.31	327.2	13.49	20.68	59.13	58.47	20.58	17.15	0	3.1	26.08	2.416	-0.013	12.73
3/26/2011 9:00	14682	11.2	334.3	10.66	18.89	8.95	334.7	12.06	17.1	58.56	58.43	23.06	19.15	0	129.8	26.12	2.416	0	12.96
3/26/2011 10:00	14683	17.26	341	11.06	29.63	13.44	340.3	13.74	24.26	61.49	62.11	23.04	18.71	0	361.9	26.15	2.403	-0.013	12.9
3/26/2011 11:00	14684	18.4	344.9	10.33	27.84	14.5	344.3	12.8	24.26	64.55	65.49	21.38	16.94	0	586	26.19	2.396	-0.007	12.9
3/26/2011 12:00	14685	15.16	334.3	15	26.05	12.17	334.6	16.01	22.47	67.41	68.81	19.47	14.79	0	778.8	26.22	2.374	-0.022	14.58
3/26/2011 13:00	14686	11.75	316.8	22.37	24.26	9.58	318.7	24.09	20.68	70.53	71.99	16.85	12.18	0	910	26.24	2.348	-0.026	12.89
3/26/2011 14:00	14687	11.3	296.7	27.11	20.68	8.91	299.3	28.49	18.89	74.1	75.67	13.41	8.81	0	972	26.24	2.342	-0.006	15
3/26/2011 15:00	14688	10.77	279.9	25.77	22.47	8.5	282.8	29.59	20.68	77.04	78.55	10.85	6.315	0	962	26.22	2.313	-0.029	12.96
3/26/2011 16:00	14689	11.91	258	28.18	20.68	8.87	258.8	32.41	17.1	78.33	80.1	10.47	5.874	0	885	26.2	2.294	-0.019	12.88
3/26/2011 17:00	14690	10.63	232.5	27.92	24.26	7.914	235.2	29.65	18.89	79.52	81.3	10.34	5.767	0	741.7	26.17	2.256	-0.038	13
3/26/2011 18:00	14691	11.55	195.5	23.97	22.47	8.18	197.3	26.23	17.1	79.76	81.7	9.68	5.133	0	552.3	26.16	2.228	-0.029	12.99
3/26/2011 19:00	14692	9.91	192.2	21.59	18.89	6.845	194.7	23.98	17.1	79.62	80.9	9.43	5.122	0	332.4	26.14	2.193	-0.035	12.85
3/26/2011 20:00	14693	12.78	215.8	14.47	22.47	8.84	216.9	16.32	20.68	78.03	78	10.37	6.539	0	107.9	26.12	2.165	-0.029	13.08
3/26/2011 21:00	14694	11.07	221.8	7.566	18.89	7.197	222.4	10.59	17.1	72.83	71.94	13.14	9.67	0	1.605	26.12	2.155	-0.009	12.88
3/26/2011 22:00	14695	7.151	219.1	11.08	11.74	3.64	213.8	17.4	8.16	67.39	65.16	16.17	13.48	0	0	26.1	2.15	-0.006	12.84
3/26/2011 23:00	14696	5.013	228.9	14.09	8.16	1.109	230.4	15.77	4.578	63.79	60.44	18.94	17.04	0	0	26.08	2.143	-0.006	12.86
3/27/2011 0:00	14697	6.272	12.04	88.2	31.42	4.032	66.95	39.08	20.68	62.82	59.55	22.93	20.99	0	0	26.07	2.143	0	12.66
3/27/2011 1:00	14698	12.32	101.9	8.69	36.78	8.21	100.9	16.3	24.26	55.53	55.12	47.83	44.14	0	0	26.09	2.137	-0.006	12.65
3/27/2011 2:00	14699	11.53	94.2	11.32	18.89	7.202	93.1	18.04	15.31	51.76	51.32	54.16	50.55	0	0	26.08	2.135	-0.003	12.32
3/27/2011 3:00	14700	12.47	92.8	9.07	20.68	7.888	91.6	16.57	15.31	48.6	48.29	59.01	55.2	0	0	26.07	2.131	-0.003	12.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/27/2011 4:00	14701	11.56	89.5	11.16	18.89	7.235	88.3	18.85	13.52	46.05	45.72	63.31	59.38	0	0	26.06	2.128	-0.003	12.45
3/27/2011 5:00	14702	9.43	78.32	12.12	15.31	5.733	77.1	18.85	11.74	43.52	43.19	68.07	63.87	0	0	26.04	2.125	-0.003	12.38
3/27/2011 6:00	14703	7.694	92.8	14.04	13.52	4.686	92.1	19.44	9.95	40.84	40.4	73.58	69.22	0	0	26.03	2.126	0.001	12.59
3/27/2011 7:00	14704	7.747	83.9	13.94	11.74	4.455	82.6	20.04	8.16	39.1	38.64	78.03	73.18	0	0	26.03	2.119	-0.006	12.48
3/27/2011 8:00	14705	7.955	71.81	11.75	15.31	4.647	71.37	17.33	11.74	37.82	37.43	80.5	75.51	0	3.286	26.04	2.119	0	12.63
3/27/2011 9:00	14706	11.73	73.33	10.66	20.68	7.403	71.08	15.92	13.52	37.98	38.55	81.2	74.56	0	124.7	26.06	2.119	0	12.84
3/27/2011 10:00	14707	12.4	85.3	10.36	18.89	7.999	83.9	18.3	13.52	41.16	43.03	77.43	69.01	0	357.3	26.1	2.116	-0.004	12.57
3/27/2011 11:00	14708	10.41	81.6	14.96	17.1	7.116	79.72	21.59	13.52	44.47	46.94	71.48	62.74	0	580.9	26.15	2.112	-0.004	12.82
3/27/2011 12:00	14709	6.349	92.4	31.91	13.52	4.409	89.3	36.09	11.74	52.02	54.6	57.3	50.2	0	780.3	26.19	2.112	0	13.05
3/27/2011 13:00	14710	5.752	83.5	52.8	11.74	4.187	77.11	60.97	9.95	58.52	60.73	45.67	39.8	0	914	26.23	2.108	-0.004	13.01
3/27/2011 14:00	14711	6.154	52.24	35.27	13.52	4.39	45.15	39.14	9.95	63.55	65.68	37.64	32.13	0	977	26.25	2.098	-0.01	15.08
3/27/2011 15:00	14712	4.4	30.85	69.93	9.95	3.283	14.18	62.63	9.95	70.37	71.59	28.77	24.37	0	960	26.25	2.082	-0.016	12.96
3/27/2011 16:00	14713	4.744	247.3	77.83	11.74	3.627	250.1	74.14	11.74	74.82	75.73	23.3	19.11	0	883	26.24	2.069	-0.013	12.92
3/27/2011 17:00	14714	5.425	157.5	68.66	11.74	4.081	158.9	70.47	9.95	77.46	78.99	19.17	14.96	0	739.4	26.23	2.041	-0.029	13.26
3/27/2011 18:00	14715	8.28	190	29.93	18.89	5.919	193	31.98	13.52	77.75	79.47	17.13	12.68	0	549.7	26.21	2.022	-0.019	12.93
3/27/2011 19:00	14716	11.41	166	37.46	24.26	7.939	169.3	40.84	18.89	76.95	78.28	18.29	13.98	0	332.3	26.2	1.981	-0.041	13.12
3/27/2011 20:00	14717	12.42	123.5	9.37	20.68	7.896	123.9	16.49	15.31	69.85	70.1	29.23	25.45	0	105.9	26.19	1.968	-0.012	12.98
3/27/2011 21:00	14718	8.71	116.8	9.29	15.31	5.053	114.9	17.26	9.95	63.78	62.83	36	33.01	0	1.554	26.17	1.959	-0.009	12.84
3/27/2011 22:00	14719	8.95	109.1	8.82	13.52	5.467	106.5	16.13	9.95	58.99	58.09	42.96	39.94	0	0	26.15	1.953	-0.006	12.85
3/27/2011 23:00	14720	10.81	117	8.45	17.1	6.468	115.2	16.58	11.74	56.48	55.68	46.83	43.79	0	0	26.14	1.95	-0.003	12.85
3/28/2011 0:00	14721	10.46	128.9	9.53	17.1	6.051	129.1	16.7	11.74	55.26	54.22	48.67	45.96	0	0	26.14	1.944	-0.006	13.07
3/28/2011 1:00	14722	7.04	119.7	12.57	20.68	3.53	112.9	20.84	9.95	53	51.8	53.32	50.73	0	0	26.13	1.944	0	14.89
3/28/2011 2:00	14723	5.711	115.9	12.4	9.95	2.344	104.2	18.13	8.16	50.38	48.71	59	57.1	0	0	26.12	1.938	-0.006	12.62
3/28/2011 3:00	14724	8.76	114.2	9.26	13.52	5.195	110.6	17.61	9.95	48.71	47.78	62.41	59.45	0	0	26.11	1.938	0	12.84
3/28/2011 4:00	14725	9.08	110.5	10.9	13.52	5.569	107.5	18.09	11.74	46.73	46.01	68.95	65.43	0	0	26.1	1.935	-0.003	12.78
3/28/2011 5:00	14726	9	118.9	10.05	15.31	5.186	117.2	17.97	9.95	45.07	44.45	74.61	70.67	0	0	26.09	1.935	0	12.51
3/28/2011 6:00	14727	6.729	111.5	10.39	11.74	3.856	109.7	17.27	8.16	42.88	42.23	78.83	74.66	0	0	26.08	1.935	0	14.92
3/28/2011 7:00	14728	7.126	101	18.8	11.74	3.95	99.5	22.63	8.16	40.76	40.03	81.5	77.15	0	0	26.08	1.932	-0.003	12.44
3/28/2011 8:00	14729	8.61	83.4	14.28	15.31	4.905	81.9	19.13	11.74	37.96	37.63	84.1	78.63	0	3.562	26.08	1.929	-0.003	12.76
3/28/2011 9:00	14730	11.44	73.28	9.62	15.31	7.241	71.67	15.91	13.52	37.61	38.27	85.4	78.31	0	123.2	26.1	1.929	0	12.58
3/28/2011 10:00	14731	9.78	96.5	21.31	17.1	6.309	94.9	27.41	13.52	44.94	46.67	77.14	69.24	0	361.4	26.13	1.929	-0.001	12.89
3/28/2011 11:00	14732	8.62	149.9	32.12	15.31	5.934	153.1	37.05	11.74	54.88	57.16	65.87	58.38	0	591.9	26.18	1.925	-0.004	13.66
3/28/2011 12:00	14733	12.77	195.4	21.31	20.68	9.06	198	24.41	17.1	65.93	68.42	44.89	38.61	0	777.2	26.23	1.918	-0.007	13.16
3/28/2011 13:00	14734	12.42	229.1	16.57	22.47	9.48	230	17.74	18.89	71.83	73.73	29.51	24.57	0	902	26.26	1.905	-0.013	12.89
3/28/2011 14:00	14735	11.66	212.8	17	20.68	8.4	213.6	20.15	17.1	76.19	78.97	22.88	17.73	0	965	26.25	1.889	-0.016	13
3/28/2011 15:00	14736	10.32	217.2	34.21	22.47	7.274	219.8	38.15	18.89	81.7	84.4	12.98	8.38	0	958	26.24	1.854	-0.035	12.85
3/28/2011 16:00	14737	14.56	258.3	22.26	29.63	10.8	260.8	24.6	31.42	84.3	86.1	6.773	2.491	0	887	26.21	1.813	-0.041	13.13
3/28/2011 17:00	14738	17.56	243.2	19.55	33.21	12.01	244.9	23.11	27.84	85.1	86.8	6.111	1.995	0	746	26.19	1.787	-0.025	13.31
3/28/2011 18:00	14739	17.79	238.1	14.62	34.99	11.21	240.3	20.34	26.05	84.7	86.1	5.553	1.816	0	559.8	26.17	1.772	-0.016	12.87
3/28/2011 19:00	14740	18.61	231	12.82	31.42	10.63	231.8	19.61	22.47	83.8	84.7	5.881	1.843	0	339.7	26.16	1.753	-0.019	13.11
3/28/2011 20:00	14741	15.9	231.5	8.85	27.84	8.35	233	18.11	22.47	81.4	81.3	6.81	2.951	0	114.1	26.16	1.743	-0.01	12.88
3/28/2011 21:00	14742	12.48	228.3	7.346	18.89	6.151	229.2	15.76	13.52	76.41	75.39	9.3	5.794	0	1.788	26.15	1.727	-0.016	14.66
3/28/2011 22:00	14743	7.727	215.1	9.63	11.74	3.626	213.8	14.12	8.16	70.66	68.21	11.86	9.11	0	0.001	26.14	1.728	0	13.07
3/28/2011 23:00	14744	6.493	221.8	9.81	9.95	2.009	228.2	16.08	4.578	65.21	62.13	14.63	12.36	0	0	26.13	1.725	-0.003	12.6
3/29/2011 0:00	14745	6.797	252	12.71	9.95	2.518	263.8	12.6	4.578	63.84	59.86	15.6	14.01	0	0	26.11	1.725	0	12.8

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/29/2011 1:00	14746	4.885	249.2	19.91	17.1	1.759	280.5	32.27	6.368	61.29	57.97	17.58	15.73	0	0	26.1	1.725	0	12.84
3/29/2011 2:00	14747	4.62	265.7	15.01	6.368	1.141	315.3	5.929	4.578	60.48	55.37	18.35	17.98	0	0	26.09	1.725	0	14.79
3/29/2011 3:00	14748	6.153	252.2	16.72	9.95	1.718	254.3	22.09	6.368	60.12	55.38	18.71	18	0	0	26.07	1.722	-0.003	12.66
3/29/2011 4:00	14749	3.235	254.5	20.9	6.368	0.833	94.6	39.37	4.578	57.89	54.25	20.12	18.95	0	0	26.07	1.722	0	12.56
3/29/2011 5:00	14750	7.285	151.3	73.89	17.1	3.37	98.6	51.32	13.52	57.66	52.8	22.57	22	0	0	26.08	1.722	0	12.51
3/29/2011 6:00	14751	15.28	38.86	11.01	26.05	8.47	39.17	12.9	24.26	44.7	44.91	78.1	71.97	0	0	26.11	1.722	0	12.64
3/29/2011 7:00	14752	17.05	36.2	10.85	26.05	9.81	37.08	13.26	20.68	42.03	42.32	90.3	83.3	0	0	26.13	1.722	0	14.45
3/29/2011 8:00	14753	14.63	36.16	11.79	26.05	8.5	36.99	13.78	22.47	42.94	43.21	91.5	84.8	0	0.997	26.16	1.722	0	13.93
3/29/2011 9:00	14754	16.18	35.88	11.02	26.05	9.29	35.99	13.12	26.05	42.4	42.71	91	84.3	0	23.52	26.19	1.719	-0.003	12.42
3/29/2011 10:00	14755	15.44	34.68	11.77	26.05	9.3	33.97	14.11	18.89	42.36	42.93	89	81.8	0	108.4	26.22	1.719	0	15.07
3/29/2011 11:00	14756	14.77	33.48	12.11	22.47	9.04	32.77	14.9	18.89	43.34	44.24	85	77.63	0	247.9	26.27	1.719	0	14.75
3/29/2011 12:00	14757	13.11	35.39	13.63	20.68	8.19	34.36	15.87	18.89	45.7	46.95	78.31	70.66	0	417.1	26.3	1.719	0	14.07
3/29/2011 13:00	14758	11.97	38.27	17.26	20.68	7.611	36.84	19.28	17.1	49.44	51.42	68.93	60.98	0	741.1	26.33	1.719	-0.001	13.99
3/29/2011 14:00	14759	12.26	41.21	18.5	20.68	7.835	39.87	20.68	17.1	52.33	54.47	61.66	54.05	0	869	26.37	1.719	0	12.81
3/29/2011 15:00	14760	13.72	37.27	16.37	26.05	8.81	34.47	18.68	22.47	54.84	57.09	55.63	48.23	0	960	26.37	1.715	-0.004	12.69
3/29/2011 16:00	14761	15.14	37.98	15.36	27.84	9.42	36.41	17.49	24.26	56.94	58.93	50.72	44.05	0	876	26.37	1.712	-0.003	12.54
3/29/2011 17:00	14762	16.69	47.93	13.97	27.84	9.95	45.18	16.62	20.68	59.12	60.94	47.2	41.05	0	740.7	26.36	1.708	-0.003	13.17
3/29/2011 18:00	14763	17.19	58.61	13.55	27.84	10.36	56.38	18.42	20.68	59.46	61.44	45.82	39.56	0	564.1	26.36	1.705	-0.003	12.94
3/29/2011 19:00	14764	16.88	73.66	13.67	26.05	10.68	71.67	20.21	22.47	58.42	59.95	48.09	42.15	0	344.9	26.36	1.702	-0.003	12.9
3/29/2011 20:00	14765	18.32	76.7	10.14	27.84	11.38	75.65	17.83	20.68	53.84	54.42	57.66	52.51	0	111	26.35	1.7	-0.003	12.73
3/29/2011 21:00	14766	15.66	74.74	9.8	27.84	9.59	72.99	16.95	20.68	49.17	49.14	64.36	59.86	0	1.644	26.33	1.697	-0.003	12.78
3/29/2011 22:00	14767	11.84	69.69	10.42	24.26	7.217	68.38	17.23	17.1	45.84	45.7	67.78	63.37	0	0	26.34	1.697	0	12.7
3/29/2011 23:00	14768	6.109	77.8	10.66	11.74	2.794	79.58	15.83	6.368	42.83	42.31	73.18	68.74	0	0	26.35	1.697	0	12.78
3/30/2011 0:00	14769	5.573	77.92	9.74	8.16	1.848	80.8	12.8	4.578	40.23	39.29	76.64	72.4	0	0	26.33	1.697	0.001	12.66
3/30/2011 1:00	14770	4.924	101.3	18.02	8.16	0.695	114.4	8.87	4.578	37.62	35.56	80.1	75.49	0	0	26.32	1.694	-0.003	14.88
3/30/2011 2:00	14771	2.98	58.42	14.76	4.578	0.106	68.59	1.637	2.789	38.4	37.36	80	75.89	0	0	26.32	1.694	0	12.35
3/30/2011 3:00	14772	1.627	59.01	18.3	4.578	0	0	0	0	37.26	34.25	81.2	76.12	0	0	26.31	1.694	0	12.46
3/30/2011 4:00	14773	3.453	48.46	15.97	6.368	0.562	45.97	11.63	4.578	37.06	34.74	82	76.26	0	0	26.28	1.694	0	14.97
3/30/2011 5:00	14774	5.347	359	12.29	8.16	2.756	355.2	15.34	6.368	36.1	35.37	84	77.99	0	0	26.27	1.694	0	12.61
3/30/2011 6:00	14775	5.278	343	48.85	9.95	2.485	320.9	42.32	6.368	34.37	33.26	84.1	78.22	0	0	26.26	1.694	0	12.5
3/30/2011 7:00	14776	4.391	324.5	15.51	8.16	1.673	316.4	16.76	6.368	34.37	33.52	84.9	79.61	0	0	26.26	1.694	0	12.09
3/30/2011 8:00	14777	3.103	332.7	29.04	8.16	0.375	320.3	12.32	4.578	34.58	33.05	84.3	79.45	0	4.363	26.26	1.695	0	12.5
3/30/2011 9:00	14778	4.085	329.9	14.01	8.16	2.123	327.5	10.49	6.368	37.32	37.6	81.7	75.37	0	119.1	26.26	1.694	0	12.82
3/30/2011 10:00	14779	2.702	228.6	41.36	8.16	1.135	223.2	23.72	6.368	45.16	45.97	67.05	61.11	0	368.5	26.29	1.697	0.003	12.81
3/30/2011 11:00	14780	7.16	184.2	24.07	13.52	5.099	185.5	28.99	11.74	48.08	50.12	55.14	48.64	0	593.7	26.35	1.696	-0.001	12.68
3/30/2011 12:00	14781	10.24	192.5	19.16	18.89	7.227	195.3	22.35	13.52	51.69	54.36	45.43	38.7	0	782.6	26.37	1.696	0	13.03
3/30/2011 13:00	14782	9.78	204.1	18.5	18.89	7.031	205.2	21	13.52	54.24	56.73	42.09	35.57	0	765.5	26.36	1.696	0	12.96
3/30/2011 14:00	14783	10.17	205.5	22.54	18.89	7.078	206.9	26.93	17.1	56.98	59.99	40.09	33.14	0	965	26.34	1.696	0	12.93
3/30/2011 15:00	14784	9.69	220.3	23.22	17.1	6.456	220.3	28.07	15.31	60.61	63.7	36.94	30.14	0	974	26.32	1.693	-0.003	12.94
3/30/2011 16:00	14785	10.74	226.1	21.56	18.89	7.124	227.3	26.84	15.31	63.97	66.67	33.48	27.21	0	899	26.28	1.693	0	12.89
3/30/2011 17:00	14786	10.29	222.1	21.04	18.89	6.801	223.1	24.73	15.31	67.38	69.8	29.9	24.15	0	715.4	26.25	1.689	-0.003	12.99
3/30/2011 18:00	14787	7.95	241.4	28.19	20.68	5.758	241.7	33.17	15.31	70.14	71.63	25.17	20.39	0	538.2	26.24	1.689	0	14.97
3/30/2011 19:00	14788	6.22	237.6	32.62	13.52	4.489	238.7	36.72	9.95	71.22	72.03	22.81	18.62	0	305.3	26.22	1.686	-0.003	12.93
3/30/2011 20:00	14789	6.58	214.1	16.08	11.74	3.991	213.6	20.04	11.74	69.45	69.33	23.51	19.96	0	110.4	26.21	1.686	0	15.13
3/30/2011 21:00	14790	7.366	181.1	3.829	9.95	2.753	172.8	8.38	4.578	62.75	59.32	30.15	28.72	0	1.843	26.19	1.684	-0.003	12.74

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/30/2011 22:00	14791	7.841	187.7	4.697	9.95	2.296	171.8	9.97	4.578	58.68	53.7	33.78	34.28	0	0	26.16	1.684	0	12.79
3/30/2011 23:00	14792	6.041	192.9	6.605	8.16	1.017	188.8	9.7	4.578	56.04	52.21	36.37	36.2	0	0	26.14	1.684	0	12.45
3/31/2011 0:00	14793	5.781	196.8	7.345	9.95	1.581	189.7	9.03	4.578	54.84	51.53	38.59	38.02	0	0	26.13	1.684	0	12.66
3/31/2011 1:00	14794	4.657	234.6	19.41	11.74	0.997	258.4	20.6	4.578	53.01	49.93	40.66	40.04	0	0	26.11	1.684	0	12.49
3/31/2011 2:00	14795	4.326	244.4	10.64	8.16	0.95	272	11.72	4.578	52.45	49.28	41.89	41.08	0	0	26.11	1.681	-0.003	12.94
3/31/2011 3:00	14796	6.256	283.3	26.6	11.74	3.307	306.4	26.49	8.16	53.26	49.43	42.84	42.95	0	0	26.11	1.681	0	12.9
3/31/2011 4:00	14797	6.7	314.3	11.57	11.74	3.241	323	13.09	8.16	53.59	49.88	44.54	44.3	0	0	26.1	1.684	0.003	12.79
3/31/2011 5:00	14798	7.446	328.1	6.51	11.74	4.45	327.8	10.12	8.16	51.08	48.94	45.95	44.57	0	0	26.09	1.681	-0.003	12.69
3/31/2011 6:00	14799	7.596	318.4	9.51	17.1	4.548	319.1	12.09	15.31	52.81	49.89	41.36	41.24	0	0	26.08	1.681	0	12.31
3/31/2011 7:00	14800	16.03	326.1	7.662	29.63	12.55	327.1	8.73	24.26	58.26	57.38	28.83	26.32	0	0	26.1	1.684	0.003	12.58
3/31/2011 8:00	14801	13.5	322.2	7.172	24.26	10.15	324.5	8.33	18.89	57.62	56.93	29.46	26.59	0	5.469	26.14	9.43	7.749	12.68
3/31/2011 9:00	14802	14.04	329.4	7.689	20.68	10.93	331.6	8.82	18.89	56.83	56.42	30.29	27.07	0	103.5	26.16	9.43	0	12.76
3/31/2011 10:00	14803	15.08	329.6	8.26	22.47	11.82	330.8	10.75	20.68	61.09	61.52	26.73	22.9	0	365.7	26.21	9.44	0.003	13.07
3/31/2011 11:00	14804	14.96	334.2	10.38	22.47	11.7	334.4	12.7	18.89	66.8	67.69	21.63	17.6	0	563.5	26.26	9.43	-0.003	13.76
3/31/2011 12:00	14805	11.04	350.4	22.94	18.89	7.784	348.1	28.18	17.1	71.57	72.94	17.34	13.09	0	785.2	26.3	9.44	0.002	15.07
3/31/2011 13:00	14806	9.12	17.81	25.05	17.1	5.922	16.81	28.3	15.31	75.1	76.7	14.42	10.09	0	853	26.33	9.43	-0.001	12.85
3/31/2011 14:00	14807	9.19	18.54	27.39	18.89	6.313	16.84	28.89	15.31	76.52	77.66	13.65	9.5	0	796.7	26.33	9.43	0	12.91
3/31/2011 15:00	14808	10.06	18.3	34.31	20.68	7.291	15.85	34.26	17.1	78.43	79.78	12.1	7.837	0	966	26.32	9.43	0	13.39
3/31/2011 16:00	14809	6.151	289.8	60.16	17.1	4.738	291.9	52.09	15.31	81.7	82	10.88	6.991	0	845	26.3	9.43	0	12.85
3/31/2011 17:00	14810	6.795	253.6	53.98	17.1	5.22	259.2	51.11	15.31	82.2	82.6	10.4	6.436	0	695.5	26.27	9.43	0	13.01
3/31/2011 18:00	14811	6.744	237.2	40.68	18.89	5.088	239.7	37.84	13.52	83.1	83.3	9.28	5.343	0	558.2	26.25	9.43	-0.002	12.88
3/31/2011 19:00	14812	6.783	241.7	30.2	13.52	5.117	244.8	27.4	11.74	82.6	82.7	8.91	5.034	0	353.1	26.24	9.42	-0.016	12.94
3/31/2011 20:00	14813	7.065	226.2	15.18	13.52	4.441	227	15.79	9.95	80.4	79.65	9.53	6.009	0	129.5	26.22	9.4	-0.019	12.89
3/31/2011 21:00	14814	7.347	174.4	11.21	11.74	1.628	166.2	12.47	6.368	72.76	68.26	13.15	11.52	0	2.287	26.2	9.38	-0.014	12.81
3/31/2011 22:00	14815	5.765	159.9	10.99	9.95	0.365	149.2	4.518	4.578	66.35	62.2	16.65	15.1	0	0	26.16	9.37	-0.01	13.1
3/31/2011 23:00	14816	5.273	184.9	31.93	9.95	0.462	151.4	9.75	2.789	63.41	59.32	18.31	17	0	0	26.14	9.36	-0.009	12.8
4/1/2011 0:00	14817	5.6	191.8	10.74	9.95	0.237	181.8	3.63	4.578	62.25	57.17	19.29	18.59	0	0	26.13	9.35	-0.009	14.78
4/1/2011 1:00	14818	4.89	210.4	19.82	13.52	0.815	170.8	15.98	4.578	60.79	56.61	20.55	19.43	0	0	26.11	9.35	-0.008	12.83
4/1/2011 2:00	14819	4.531	210.1	8.72	8.16	0.424	156.4	7.215	2.789	58.64	53.84	22.74	22	0	0	26.09	9.34	-0.005	12.32
4/1/2011 3:00	14820	2.974	233.9	20.89	6.368	0.24	147.6	3.976	4.578	57.11	53.26	24.34	23.44	0	0	26.07	9.33	-0.006	12.5
4/1/2011 4:00	14821	2.587	255.5	35.64	8.16	0.789	25.18	39.46	6.368	56.17	51.86	25.42	25.07	0	0	26.05	9.33	-0.01	12.58
4/1/2011 5:00	14822	5.95	310.2	12.13	9.95	1.856	315.6	17.07	6.368	57.47	52.55	25.74	25.82	0	0	26.05	9.32	-0.003	12.26
4/1/2011 6:00	14823	6.11	308.3	9.55	9.95	2.485	308	18.83	6.368	56.39	52.03	27.59	26.74	0	0	26.04	9.32	-0.003	12.64
4/1/2011 7:00	14824	10.56	313.8	7.388	15.31	7.273	315.7	8.01	11.74	57.87	56.46	26.04	23.47	0	0	26.06	9.31	-0.013	12.6
4/1/2011 8:00	14825	12.55	328.3	9.34	18.89	9.53	329.3	10.39	15.31	58.49	57.54	25.86	22.85	0	6.331	26.1	9.3	-0.011	12.34
4/1/2011 9:00	14826	12.77	339.5	10.4	22.47	10.02	337.3	11.12	17.1	63.18	62.99	23.41	19.78	0	165.2	26.14	9.29	-0.008	12.77
4/1/2011 10:00	14827	14.53	1.341	10.36	22.47	10.64	0.004	14.12	18.89	70.82	70.94	19.32	15.63	0	391.6	26.19	9.28	-0.006	12.85
4/1/2011 11:00	14828	17.84	19.46	12.73	29.63	12.26	19.36	15.9	26.05	75.43	76.01	16.46	12.57	0	600.9	26.25	9.27	-0.013	12.82
4/1/2011 12:00	14829	15.46	37.74	13.16	27.84	9.52	37.21	14.92	22.47	78.65	79.68	14.33	10.29	0	779	26.3	9.25	-0.014	14.68
4/1/2011 13:00	14830	12.92	37.85	20.94	24.26	8.39	36.64	21.78	18.89	80.9	82.5	12.4	8.1	0	908	26.34	9.24	-0.013	12.92
4/1/2011 14:00	14831	11.08	34.75	27.67	29.63	7.651	32.24	29.03	24.26	82.7	84.3	11.43	7.099	0	965	26.34	9.22	-0.023	12.88
4/1/2011 15:00	14832	10.61	33.2	29.24	24.26	7.514	30.49	29.73	18.89	84.2	86.2	10.69	6.227	0	953	26.34	9.2	-0.019	14.18
4/1/2011 16:00	14833	7.054	31.36	38.28	22.47	5.019	27.47	37.26	15.31	86.8	87.8	9.46	5.325	0	884	26.34	9.18	-0.022	13.03
4/1/2011 17:00	14834	7.2	15.95	48.21	15.31	5.452	14.09	48.08	15.31	87.2	88.3	8.93	4.728	0	747.1	26.34	9.15	-0.025	12.77
4/1/2011 18:00	14835	8.74	61.56	35.25	20.68	6.097	59.56	37.42	15.31	86.2	87.7	10.23	5.87	0	554.9	26.33	9.13	-0.022	12.8

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/1/2011 19:00	14836	11.71	70.82	16.24	20.68	7.757	67.73	22	17.1	84.1	85.2	12.55	8.35	0	338.3	26.33	9.1	-0.027	12.94
4/1/2011 20:00	14837	11.52	81.8	10.62	18.89	7.176	80.2	18.05	15.31	81.6	81.5	13.55	9.93	0	119.6	26.32	9.08	-0.025	14.48
4/1/2011 21:00	14838	9.88	94.4	7.338	15.31	5.481	95.1	15.36	9.95	74.51	72.81	17.25	14.4	0	2.351	26.3	9.05	-0.024	12.79
4/1/2011 22:00	14839	10.34	98.3	8.95	15.31	6.154	97.8	16	11.74	70.28	68.8	20.37	17.43	0	0.001	26.28	9.03	-0.024	14.51
4/1/2011 23:00	14840	11.63	111.4	9.12	17.1	7.172	110.6	16.83	13.52	68.56	67.39	22.44	19.31	0	0	26.29	9.01	-0.014	13.18
4/2/2011 0:00	14841	11.56	111.9	11.2	18.89	7.154	111.3	17.69	13.52	65.82	64.76	25.81	22.64	0	0	26.29	9	-0.019	12.53
4/2/2011 1:00	14842	12.17	109	8.73	26.05	7.801	107.9	15.95	17.1	63.83	62.82	28.23	25.07	0	0	26.28	8.97	-0.025	12.6
4/2/2011 2:00	14843	12.65	121.3	8.66	20.68	7.669	121.2	16.79	17.1	63.15	62.18	29.59	26.45	0	0	26.27	8.95	-0.019	13.75
4/2/2011 3:00	14844	6.622	137.8	42.3	13.52	3.194	127.3	44.13	9.95	59.44	57.62	33.55	31.29	0	0	26.27	8.94	-0.016	12.5
4/2/2011 4:00	14845	2.6	135.4	29.41	6.368	0.697	73.46	11.35	4.578	56.95	54.24	36.28	34.93	0	0	26.26	8.93	-0.004	13.01
4/2/2011 5:00	14846	4.331	150.4	14.25	8.16	1.302	94.7	12.23	4.578	56.03	52.51	37.64	37.18	0	0	26.24	8.93	-0.006	12.24
4/2/2011 6:00	14847	5.039	153.2	13.03	6.368	1.722	94.5	12.53	4.578	55.14	51.27	39.13	39.04	0	0	26.23	8.92	-0.003	14.51
4/2/2011 7:00	14848	4.915	104	11.46	6.368	3.209	69.09	10.37	4.578	55.3	51.99	40.04	39.37	0	0	26.23	8.92	-0.003	14.43
4/2/2011 8:00	14849	6.67	74.65	12.36	9.95	4.131	64.76	8.79	6.368	54.5	51.09	41.62	40.91	0	7.163	26.25	8.91	-0.006	12.88
4/2/2011 9:00	14850	6.082	83.9	17.92	9.95	3.634	77.92	21.55	6.368	54.72	55.01	41.06	36.72	0	165.9	26.27	8.91	-0.007	12.9
4/2/2011 10:00	14851	8.24	150.4	17.99	17.1	5.656	152.9	22.25	13.52	66.34	67.88	30.89	26.15	0	394.8	26.31	8.9	-0.006	13.11
4/2/2011 11:00	14852	14.92	171	11.41	24.26	9.74	171.6	16.82	20.68	71.86	73.89	27.46	22.42	0	604.3	26.37	8.89	-0.012	13.03
4/2/2011 12:00	14853	15.26	171.6	13.14	24.26	10.14	174.6	18.71	18.89	76.51	79.09	24.27	19.07	0	780.8	26.4	8.88	-0.011	13.09
4/2/2011 13:00	14854	13.83	191	14.89	22.47	9.69	193.4	20.11	18.89	80.9	83.7	19.62	14.55	0	909	26.41	8.86	-0.016	14.92
4/2/2011 14:00	14855	14.31	208.1	15.85	24.26	10.24	210.9	18.82	18.89	85.1	87.8	13.91	9.13	0	972	26.4	8.84	-0.019	12.88
4/2/2011 15:00	14856	13.54	212.5	15.7	26.05	9.91	214.4	17.8	18.89	88.5	91.1	9.38	4.794	0	971	26.38	8.81	-0.029	14.87
4/2/2011 16:00	14857	13.88	210.3	17.23	26.05	9.91	212.8	20.7	18.89	90.2	92.7	6.037	2.007	0	897	26.35	8.78	-0.035	12.82
4/2/2011 17:00	14858	14.92	201.5	16.57	26.05	10.34	203.9	19.75	20.68	90.8	93.3	4.215	1.879	0	757	26.32	8.75	-0.032	13.78
4/2/2011 18:00	14859	14.38	201.6	18.31	26.05	9.95	204.8	20.58	20.68	90.8	92.7	3.572	1.874	0	571.5	26.3	8.71	-0.034	15.15
4/2/2011 19:00	14860	13.49	207	12.73	22.47	9.28	209.3	15.61	18.89	90.3	91.1	3.115	1.842	0	353.2	26.28	8.67	-0.041	12.75
4/2/2011 20:00	14861	11.04	199.6	10.25	22.47	7.047	201.7	14.21	15.31	88.4	87.8	4.208	1.805	0	128.1	26.25	8.62	-0.05	12.84
4/2/2011 21:00	14862	7.603	172.9	10.78	9.95	3.016	154.5	14.91	6.368	81.5	76.63	7.347	5.029	0	2.663	26.22	8.61	-0.015	13.11
4/2/2011 22:00	14863	7.203	146.1	6.194	9.95	2.71	105.6	13.51	4.578	75.86	69.92	10.37	8.92	0	0.001	26.19	8.59	-0.012	12.76
4/2/2011 23:00	14864	9.37	147.8	6.415	13.52	4.216	139.9	14.75	9.95	72	68.09	13.81	11.65	0	0	26.18	8.58	-0.01	14.88
4/3/2011 0:00	14865	5.919	192.9	25.8	11.74	2.484	205	36.34	6.368	69.37	66.07	21.55	18.84	0	0	26.18	8.57	-0.013	12.77
4/3/2011 1:00	14866	7.994	188.4	8.46	18.89	4.148	193.1	14.2	8.16	70.9	68.45	37.18	34.88	0	0	26.17	8.56	-0.006	12.94
4/3/2011 2:00	14867	8.47	177.5	8.97	15.31	4.201	177.7	14.19	11.74	68.53	66.39	48.44	46.72	0	0	26.17	8.56	-0.006	14.75
4/3/2011 3:00	14868	11.29	176.8	8.55	18.89	6.626	178.7	15.09	13.52	68.7	67.67	54.9	52.33	0	0	26.16	8.55	-0.003	14.64
4/3/2011 4:00	14869	7.349	178.8	9.8	11.74	3.765	181.4	15.78	8.16	65.81	64.34	61.24	59.33	0	0	26.14	8.55	-0.006	12.89
4/3/2011 5:00	14870	8.23	199.6	14.35	13.52	4.817	203.6	18.85	9.95	66.32	64.89	62.06	60.24	0	0	26.13	8.54	-0.006	13.79
4/3/2011 6:00	14871	8.76	205.4	27.48	13.52	5.413	209.2	30.38	11.74	65.44	64.37	64.26	61.9	0	0	26.12	8.54	0	12.83
4/3/2011 7:00	14872	5.966	206.5	24.59	9.95	3.271	209.9	28.8	8.16	63	61.59	69.17	67.14	0	0	26.13	8.54	-0.003	12.74
4/3/2011 8:00	14873	9.69	184.7	17.52	20.68	5.677	189	22.6	17.1	62.56	61.69	72.62	69.74	0	12.97	26.13	8.54	-0.003	12.87
4/3/2011 9:00	14874	9.13	186.7	12.91	15.31	5.532	191.5	17.54	9.95	64.2	64.13	66.73	63	0	93.4	26.14	8.53	-0.006	13.92
4/3/2011 10:00	14875	10.04	199.9	9.26	17.1	6.852	204	14.22	11.74	68.87	69.48	42.75	39.04	0	311.4	26.17	8.52	-0.008	12.95
4/3/2011 11:00	14876	13.61	213.5	10.58	20.68	9.48	215.4	14.19	17.1	74.23	75.49	26.6	22.57	0	485.5	26.2	8.51	-0.011	12.91
4/3/2011 12:00	14877	17.79	224	11.84	29.63	12.86	224.9	14.07	24.26	80.6	82.4	16.12	11.92	0	795.3	26.22	8.49	-0.024	13
4/3/2011 13:00	14878	22.77	246.6	12.26	38.57	17.19	246.5	12.99	33.21	86.4	87.6	8.61	4.641	0	921	26.22	8.45	-0.038	12.87
4/3/2011 14:00	14879	26.08	241.3	13.49	43.94	19.37	241.7	14.65	34.99	87.1	88.7	8.87	4.685	0	968	26.21	8.4	-0.047	13
4/3/2011 15:00	14880	26.62	244.8	12.22	45.73	19.84	245.2	13.59	34.99	88.2	89.7	6.94	2.74	0	955	26.19	8.32	-0.086	12.89

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/3/2011 16:00	14881	26.58	245.2	12.54	45.73	19.84	245.4	13.56	40.36	89	90.3	5.753	1.984	0	885	26.16	8.26	-0.051	12.86
4/3/2011 17:00	14882	28.66	247.1	12.07	43.94	21.35	247.3	13.03	34.99	88.7	89.6	4.534	1.824	0	637	26.14	8.2	-0.063	13.12
4/3/2011 18:00	14883	26.99	245.9	11.28	43.94	19.93	245.7	12.39	38.57	88.6	89.3	4.17	1.822	0	489.8	26.12	8.13	-0.067	14.76
4/3/2011 19:00	14884	28.25	244.3	9.54	45.73	20.9	244.8	10.93	34.99	88	88.2	3.555	1.813	0	261.4	26.1	8.08	-0.05	13.9
4/3/2011 20:00	14885	22.65	246.6	9.36	38.57	16.7	246.9	11.01	34.99	85.7	85.5	4.091	1.799	0	44.23	26.09	8.04	-0.041	12.76
4/3/2011 21:00	14886	17.79	250.8	9.25	29.63	11.92	249.7	12.44	24.26	83.3	82.9	6.055	2.241	0	1.812	26.08	8.02	-0.025	12.76
4/3/2011 22:00	14887	12.76	253.7	9.25	24.26	8.02	251.5	13.74	18.89	80.4	79.84	7.599	3.78	0	0.011	26.09	8	-0.018	14.55
4/3/2011 23:00	14888	16.76	265.7	10.69	29.63	11.2	267.2	14.49	20.68	79.91	79.43	9.17	5.368	0	0.003	26.1	7.978	-0.022	12.82
4/4/2011 0:00	14889	14.47	264.8	10.37	26.05	9.03	265.9	14.71	20.68	78.29	77.77	11.2	7.514	0	0.004	26.11	7.95	-0.029	12.84
4/4/2011 1:00	14890	19.59	278.1	9.82	40.36	15.13	278	11.6	36.78	77.97	77.51	9.57	5.819	0	0.001	26.12	7.921	-0.029	13.16
4/4/2011 2:00	14891	17.15	277.3	9.91	27.84	12.98	277.5	11.64	22.47	76.15	75.75	9.69	5.847	0	0.002	26.15	7.899	-0.022	12.91
4/4/2011 3:00	14892	11.49	273.2	10.07	18.89	8.18	273.4	11.96	15.31	72.44	71.89	11.77	8	0	0.001	26.17	7.889	-0.01	12.91
4/4/2011 4:00	14893	18.3	301.2	55.13	40.36	12.87	302.7	54.7	36.78	66.46	66.28	20.99	16.71	0	0.001	26.19	7.846	-0.043	12.99
4/4/2011 5:00	14894	27.39	23.11	9.42	43.94	19.81	23.58	10.69	38.57	48.76	49.08	47.8	42.96	0	0	26.23	7.832	-0.014	12.12
4/4/2011 6:00	14895	31.42	26.6	9.21	52.89	21.6	25.61	11.63	45.73	44.33	44.58	48.71	44.05	0	0	26.22	7.822	-0.01	12.66
4/4/2011 7:00	14896	26.78	24.89	9.1	43.94	18.91	24.41	11.45	36.78	42.04	42.27	49.44	44.72	0	0	26.26	7.81	-0.012	12.46
4/4/2011 8:00	14897	22.35	21.95	9.42	36.78	16.32	22.19	11.25	33.21	40.93	41.15	52.3	47.5	0	8.65	26.31	7.798	-0.011	12.26
4/4/2011 9:00	14898	21.94	18.98	10.43	34.99	16.39	19.53	11.6	34.99	40.85	41.4	53.83	48.51	0	165.2	26.35	7.789	-0.009	12.21
4/4/2011 10:00	14899	23.41	16.87	10.85	36.78	17.41	17.64	12.59	33.21	42.53	43.23	53.56	48.04	0	396.5	26.41	7.777	-0.011	12.73
4/4/2011 11:00	14900	21.46	18.17	11.56	36.78	15.85	17.77	13.44	33.21	44.72	45.78	49.1	43.37	0	613.2	26.46	7.765	-0.013	14.88
4/4/2011 12:00	14901	18.73	15	12.75	27.84	14.01	14.85	15.07	26.05	47.6	49.03	42.81	36.95	0	818	26.51	7.756	-0.008	14.11
4/4/2011 13:00	14902	16.28	13.29	15.13	29.63	12.21	13.19	17.1	26.05	51.69	53.23	31.53	26.28	0	957	26.54	7.743	-0.013	12.66
4/4/2011 14:00	14903	15.71	13.66	19.96	27.84	11.6	12.56	21.57	24.26	55.21	56.86	21.49	16.57	0	1033	26.55	7.727	-0.016	12.56
4/4/2011 15:00	14904	13.82	15.8	23.65	24.26	10.06	15.28	25.88	20.68	57.02	59	18.26	13.23	0	1029	26.54	7.716	-0.011	12.62
4/4/2011 16:00	14905	11.54	7.601	21.63	22.47	8.77	6.847	25.02	18.89	58.49	60.19	15.42	10.53	0	951	26.53	7.693	-0.023	12.84
4/4/2011 17:00	14906	10.07	16.7	30.51	20.68	7.606	13.94	30.53	18.89	60.06	61.49	14.63	9.89	0	804	26.51	7.677	-0.016	13
4/4/2011 18:00	14907	7.916	352.4	40.08	15.31	6.09	352.9	41.76	13.52	61.02	62.06	13.89	9.3	0	606.8	26.48	7.655	-0.022	12.89
4/4/2011 19:00	14908	5.501	345.4	41.99	13.52	4.216	344.1	42.15	15.31	62.2	62.49	12.62	8.41	0	374.8	26.47	7.617	-0.038	12.87
4/4/2011 20:00	14909	4.73	12.74	79.96	11.74	3.319	355.5	75.37	8.16	60.75	60.45	12.59	8.75	0	138.2	26.45	7.606	-0.011	12.86
4/4/2011 21:00	14910	6.405	95.1	11.53	9.95	3.061	93.5	15.45	6.368	55.64	53.34	15.67	12.96	0	2.193	26.43	7.597	-0.009	12.71
4/4/2011 22:00	14911	7.175	86.2	8.01	9.95	3.273	86.7	14.14	6.368	50.88	48.15	18.55	16.23	0	0	26.39	7.59	-0.007	12.72
4/4/2011 23:00	14912	7.937	107.1	13.08	11.74	3.353	100.4	17.72	6.368	48.96	45.39	19.72	17.93	0	0	26.37	7.581	-0.009	12.66
4/5/2011 0:00	14913	8.25	126.4	7.901	11.74	3.595	120.3	16.73	6.368	47.22	44.88	21.27	18.84	0	0	26.36	7.575	-0.006	12.21
4/5/2011 1:00	14914	7.401	131.3	5.877	18.89	2.825	121	13.8	8.16	45.14	42.66	23.9	21.65	0	0	26.35	7.569	-0.006	12.29
4/5/2011 2:00	14915	6.269	143.5	14.9	9.95	1.436	131.4	13.35	4.578	42.91	39.88	25.57	23.99	0	0	26.34	7.564	-0.005	12.19
4/5/2011 3:00	14916	5.263	223.9	15.38	9.95	1.921	234	18.53	6.368	41.69	39.12	26.25	24.09	0	0	26.31	7.558	-0.006	12.32
4/5/2011 4:00	14917	6.033	216.7	11.88	9.95	2.068	217.4	19.04	6.368	39.82	37.3	27.76	25.78	0	0	26.28	7.551	-0.006	12.27
4/5/2011 5:00	14918	4.732	212.7	14.8	8.16	1.442	219.9	24.33	4.578	40.23	37.45	26.77	25.05	0	0	26.27	7.548	-0.003	12.74
4/5/2011 6:00	14919	6.518	212	5.232	9.95	2.421	221.8	9.69	4.578	41.26	38.04	26	24.52	0	0	26.27	7.545	-0.003	12.11
4/5/2011 7:00	14920	6.124	207.3	6.525	9.95	2.325	217	12.23	6.368	40.74	38.13	26.52	24.64	0	0	26.27	7.539	-0.006	12.62
4/5/2011 8:00	14921	4.25	205.3	13.83	6.368	0.816	219.9	12.03	4.578	40.34	38.16	27.04	24.9	0	12.27	26.26	7.539	0	12.62
4/5/2011 9:00	14922	7.848	187.6	11.45	18.89	4.804	190.9	15.63	15.31	44.94	45.82	23.38	18.93	0	186.6	26.28	7.531	-0.007	12.86
4/5/2011 10:00	14923	14.09	191.8	10.16	20.68	9.43	194.8	15.54	17.1	53.11	54.54	19.36	14.63	0	418.3	26.33	7.519	-0.012	13.08
4/5/2011 11:00	14924	12.76	199.5	12.26	18.89	8.83	201.9	15.99	15.31	58.18	60.3	18.79	13.71	0	636.7	26.39	7.505	-0.014	12.99
4/5/2011 12:00	14925	12.31	206	12.75	18.89	8.97	208.7	16.38	15.31	63.79	66.23	17.21	12.06	0	830	26.42	7.493	-0.012	13.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/5/2011 13:00	14926	10.51	212.3	16.48	18.89	7.956	214.7	20	15.31	68.7	71.01	14.12	9.2	0	962	26.43	7.484	-0.01	12.95
4/5/2011 14:00	14927	10.44	218.6	19.11	20.68	8.06	221.6	21.37	17.1	74.04	76.04	9.54	4.949	0	1022	26.41	7.467	-0.017	13.11
4/5/2011 15:00	14928	11.79	213.8	17.78	34.99	8.8	215.3	21.2	29.63	77.18	79.7	8.13	3.391	0	1006	26.39	7.435	-0.032	12.86
4/5/2011 16:00	14929	12.05	211.7	17.19	24.26	8.89	214.3	20.2	18.89	79.42	81.8	7.868	3.122	0	924	26.37	7.4	-0.035	13.72
4/5/2011 17:00	14930	12.46	203.2	19.13	22.47	9.03	204.9	21.9	18.89	80.9	83.2	7.357	2.669	0	779	26.34	7.371	-0.029	13
4/5/2011 18:00	14931	15.15	199.3	11.94	24.26	10.27	201.4	16.76	22.47	81.6	83.7	7.287	2.65	0	584.3	26.31	7.336	-0.035	12.94
4/5/2011 19:00	14932	12.65	187.9	14.94	20.68	8.27	190	19.77	17.1	81.6	82.4	7.856	3.669	0	277.7	26.28	7.311	-0.025	14.75
4/5/2011 20:00	14933	12.89	184.9	13.62	22.47	7.973	186.3	17.82	15.31	82.5	82.5	7.533	3.738	0	156.7	26.25	7.283	-0.029	12.83
4/5/2011 21:00	14934	8.86	199.1	15.46	13.52	4.441	198.1	20.92	8.16	76.84	74.18	8.36	5.456	0	2.129	26.23	7.268	-0.015	12.78
4/5/2011 22:00	14935	11.38	176.6	9.53	20.68	6.414	178	16.19	15.31	70.31	68.77	13.97	10.67	0	0.001	26.21	7.253	-0.015	12.82
4/5/2011 23:00	14936	10.39	190	11.64	18.89	6.172	193.4	16.45	13.52	67.09	65.98	17.51	14.18	0	0.001	26.21	7.239	-0.014	14.32
4/6/2011 0:00	14937	10.47	190.6	8.69	18.89	6.235	193.5	14.56	13.52	64.3	63.13	19.63	16.36	0	0	26.2	7.213	-0.025	12.92
4/6/2011 1:00	14938	13.46	196.2	12.7	27.84	8.59	200.1	16.61	22.47	62.72	62.02	22.14	18.61	0	0	26.17	7.201	-0.013	12.91
4/6/2011 2:00	14939	14.6	205	8.05	22.47	9.5	207.7	12.66	17.1	61.47	60.83	24.36	20.82	0	0	26.17	7.185	-0.016	13.51
4/6/2011 3:00	14940	11.88	198.5	8.67	20.68	7.5	201.7	13.85	17.1	60.07	59.34	26.62	23.17	0	0	26.17	7.175	-0.01	12.73
4/6/2011 4:00	14941	7.288	201.4	8.3	11.74	4.07	203.5	12.85	9.95	57.42	56.04	29.51	26.66	0	0	26.16	7.15	-0.025	12.7
4/6/2011 5:00	14942	6.581	210.1	11.74	9.95	3.249	219.8	19.83	8.16	55.31	52.98	31.88	29.88	0	0	26.13	7.146	-0.004	12.52
4/6/2011 6:00	14943	6.396	213.4	11.68	9.95	3.216	222.3	19.32	8.16	53.54	51.81	34.15	31.68	0	0	26.12	7.14	-0.006	12.58
4/6/2011 7:00	14944	5.473	210.3	10.52	9.95	2.373	214.7	18.83	6.368	51.62	50.03	36.26	33.74	0	0	26.12	7.137	-0.003	12.51
4/6/2011 8:00	14945	5.343	218.3	10.68	9.95	2.407	230.4	15.92	6.368	50.85	49.3	37.15	34.65	0	8.09	26.13	7.133	-0.003	14.86
4/6/2011 9:00	14946	7.527	222.6	10.43	13.52	5.091	227	12.76	9.95	56.74	56.58	31.29	27.63	0	138	26.15	7.127	-0.007	14.93
4/6/2011 10:00	14947	9.83	231.7	11.44	17.1	7.268	233.5	13.06	15.31	66.25	66.63	22.23	18.39	0	342.8	26.21	7.106	-0.021	13.12
4/6/2011 11:00	14948	15.27	256.1	14.29	27.84	11.88	255.2	14.91	22.47	79.15	79.83	12.89	9.06	0	629	26.28	7.077	-0.028	12.91
4/6/2011 12:00	14949	23.91	272.7	12.46	42.15	19.02	271.4	13.93	34.99	83.7	84.7	9.42	5.361	0	802	26.33	7.036	-0.042	14.87
4/6/2011 13:00	14950	25.66	277.7	11.53	40.36	20.61	276.1	13.18	34.99	85.8	86.9	7.682	3.475	0	847	26.34	7.01	-0.026	12.85
4/6/2011 14:00	14951	23.06	271.2	13.22	38.57	18.38	270.1	14.62	31.42	87.9	89.3	7.457	3.154	0	994	26.32	6.965	-0.045	12.77
4/6/2011 15:00	14952	19.95	268.3	14.79	33.21	15.83	267.4	16.1	29.63	89.8	91.3	7.283	2.973	0	981	26.3	6.927	-0.038	12.83
4/6/2011 16:00	14953	18.43	266.5	15.77	31.42	14.66	265.8	16.76	27.84	91.1	92.5	7.22	2.919	0	902	26.28	6.892	-0.035	12.85
4/6/2011 17:00	14954	16.89	259.2	15.98	34.99	13.25	258.3	16.67	27.84	91.3	92.5	6.871	2.619	0	747.9	26.26	6.848	-0.044	12.88
4/6/2011 18:00	14955	16.11	260.4	13.54	26.05	12.49	259.4	14.65	22.47	90.1	90.8	6.82	2.735	0	358.3	26.24	6.816	-0.031	14.66
4/6/2011 19:00	14956	13.8	263.9	12.54	24.26	10.66	262.6	13.4	20.68	88.6	88.8	7.141	3.188	0	183	26.22	6.782	-0.035	12.86
4/6/2011 20:00	14957	12.18	256	10.87	22.47	8.95	254.8	11.81	17.1	86.6	86.4	8.13	4.337	0	44.88	26.22	6.747	-0.035	14.6
4/6/2011 21:00	14958	7.668	265.4	8.38	11.74	4.84	262.6	9.03	11.74	82.4	81.4	9.91	6.504	0	1.813	26.21	6.735	-0.012	12.76
4/6/2011 22:00	14959	5.523	277.9	14.25	8.16	1.13	273.2	16.26	4.578	78.59	76.04	11.4	8.86	0	0.003	26.19	6.707	-0.028	12.79
4/6/2011 23:00	14960	4.399	269.4	49.44	11.74	0.751	155.1	4.532	8.16	75.1	70.71	13.18	12.14	0	0.001	26.19	6.701	-0.006	12.87
4/7/2011 0:00	14961	9.97	214.9	48.57	22.47	6.415	213.1	49.5	18.89	77.44	75.89	12.96	9.78	0	0	26.2	6.688	-0.013	14.67
4/7/2011 1:00	14962	7.757	301.9	19.22	26.05	4.587	304.7	23.28	20.68	74.78	73.05	16.48	13.6	0	0.001	26.21	6.682	-0.006	14.93
4/7/2011 2:00	14963	6.762	314.8	6.956	9.95	2.798	316.1	10.1	4.578	71.46	68.42	20.99	18.76	0	0	26.19	6.67	-0.012	12.84
4/7/2011 3:00	14964	4.596	241.7	96.5	8.16	2.029	113.3	61.31	4.578	68.27	63.46	23.33	22.47	0	0	26.17	6.665	-0.005	12.76
4/7/2011 4:00	14965	5.822	8.39	66.38	17.1	3.71	6.085	32.88	13.52	67.06	64.1	26.83	25	0	0	26.16	6.655	-0.009	12.71
4/7/2011 5:00	14966	7.695	347.8	12.09	13.52	5.41	346.9	13.82	11.74	66.6	66.05	36	32.39	0	0	26.18	6.649	-0.006	12.79
4/7/2011 6:00	14967	7.474	332.1	12.51	13.52	5.423	332.3	13.35	9.95	65.67	65.15	38.04	34.58	0	0	26.19	6.643	-0.006	12.88
4/7/2011 7:00	14968	4.785	302.1	41.63	9.95	2.413	293.5	36.85	6.368	64.98	63.59	38.55	35.99	0	0	26.18	6.64	-0.003	12.9
4/7/2011 8:00	14969	4.303	277.5	17.52	8.16	1.117	307.8	12.73	4.578	64.91	62.24	38.23	37.3	0	3.83	26.18	6.63	-0.01	12.86
4/7/2011 9:00	14970	7.796	276.6	11.95	17.1	5.266	280.9	16.66	13.52	66.57	65.72	34.73	32.05	0	139.2	26.2	6.62	-0.01	12.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/7/2011 10:00	14971	15.39	274.1	10.6	24.26	12.34	272.2	12.25	20.68	71.18	71.83	28.17	23.96	0	411.4	26.23	6.599	-0.021	13.23
4/7/2011 11:00	14972	15.19	256.2	15	26.05	8.56	259.3	26.98	18.89	74.24	76.08	24.26	19.35	0	625.7	26.27	6.589	-0.01	15.06
4/7/2011 12:00	14973	19.69	259.9	15.17	31.42	9.03	266.4	36.56	24.26	75.68	78.58	21.41	15.9	0	817	26.29	6.566	-0.023	14.15
4/7/2011 13:00	14974	18.3	252.4	14.55	29.63	11.02	255.2	28.89	26.05	77.41	80.1	20.01	14.68	0	946	26.28	6.547	-0.019	14.57
4/7/2011 14:00	14975	18.73	246.4	16.76	36.78	14.33	247	17.56	31.42	78.57	80.4	18.1	13.29	0	1011	26.26	6.509	-0.038	12.89
4/7/2011 15:00	14976	19.76	249.8	17.07	42.15	15.01	249.8	18.76	29.63	80	81.8	15.58	10.9	0	996	26.23	6.456	-0.054	12.9
4/7/2011 16:00	14977	21.96	243.2	13.69	38.57	16.57	243.3	14.41	31.42	80.6	82.2	13.43	8.85	0	921	26.21	6.411	-0.044	12.84
4/7/2011 17:00	14978	21.88	249.9	15.34	40.36	16.79	249.6	16.06	40.36	81.6	82.9	11.38	6.982	0	780.6	26.19	6.373	-0.038	12.88
4/7/2011 18:00	14979	21.79	243.6	12.37	36.78	16.32	244.1	13.32	29.63	81.9	82.9	11.18	6.876	0	588.2	26.18	6.326	-0.048	14.72
4/7/2011 19:00	14980	20.24	254.2	12.44	34.99	15.39	253.8	13.24	29.63	81.6	82.1	11.28	7.25	0	364	26.17	6.284	-0.041	12.8
4/7/2011 20:00	14981	18.19	262	10.64	31.42	13.87	261.3	11.58	27.84	79.93	79.86	12.49	8.66	0	137.4	26.17	6.256	-0.028	12.78
4/7/2011 21:00	14982	10.34	263.9	8.74	20.68	7.356	260.1	12.28	17.1	76	75.29	14.97	11.48	0	3.836	26.16	6.228	-0.028	12.75
4/7/2011 22:00	14983	3.969	299.9	23.26	9.95	1.446	307.8	30.69	4.578	70.6	68.12	18.59	16.05	0	0.001	26.14	6.223	-0.006	12.82
4/7/2011 23:00	14984	7.498	330.3	9.8	9.95	4.128	331.8	13.09	6.368	70.15	66.94	19.63	17.85	0	0	26.12	6.218	-0.005	13.07
4/8/2011 0:00	14985	4.763	49.74	48.55	8.16	3.288	69.35	51.7	6.368	68.14	63.88	20.59	19.54	0	0	26.12	6.211	-0.006	12.51
4/8/2011 1:00	14986	4.21	59.91	17.88	13.52	1.618	56.93	16.8	6.368	63.38	59.05	24.14	23.25	0	0	26.1	6.199	-0.013	12.49
4/8/2011 2:00	14987	2.002	118.3	33.46	4.578	1.152	88.2	15.24	2.789	62.78	55.48	24.77	26.73	0	0	26.09	6.196	-0.003	12.59
4/8/2011 3:00	14988	3.616	163.7	20.1	11.74	1.381	118	18.77	6.368	61.72	55.27	25.51	26.58	0	0	26.09	6.191	-0.005	12.67
4/8/2011 4:00	14989	2.753	127.8	13.13	6.368	0.492	95.5	12.64	4.578	59.24	56.08	27.67	26.55	0	0	26.08	6.191	0	12.75
4/8/2011 5:00	14990	1.497	71.09	24.13	4.578	0.164	59.49	2.072	2.789	60.24	56.1	26.82	26.28	0	0	26.07	6.185	-0.006	12.97
4/8/2011 6:00	14991	2.54	327.4	12	6.368	0	0	0	0	59.94	51.43	27.03	29.86	0	0	26.06	6.182	-0.003	13.1
4/8/2011 7:00	14992	3.507	345.2	12.88	6.368	0.291	10.53	4.421	2.789	58.72	52.45	28.1	29.84	0	0	26.06	6.179	-0.003	12.66
4/8/2011 8:00	14993	3.369	353.1	60.79	6.368	1.312	157.9	36.09	4.578	57.67	51.5	29.3	30.74	0	13.99	26.07	6.175	-0.003	13.35
4/8/2011 9:00	14994	4.072	295.7	50.92	6.368	2.076	303.8	39.86	6.368	57.31	56.9	30.19	26.37	0	186	26.1	6.168	-0.007	14.3
4/8/2011 10:00	14995	4.301	277.9	25.51	9.95	3.34	278.1	28.38	8.16	70.06	70.66	20.95	16.79	0	418.4	26.15	6.163	-0.006	13.07
4/8/2011 11:00	14996	6.096	235.4	26.96	11.74	4.816	236.6	26.75	9.95	76.18	77.04	18.36	14.12	0	634.1	26.22	6.158	-0.005	12.86
4/8/2011 12:00	14997	12.35	242.6	17.8	26.05	9.71	243.6	19.36	29.63	79	80.4	16.65	12.21	0	824	26.26	6.135	-0.023	12.89
4/8/2011 13:00	14998	15.38	235.1	15.98	27.84	11.71	236.4	17.04	22.47	80.5	82.4	16.49	11.77	0	952	26.26	6.119	-0.016	12.56
4/8/2011 14:00	14999	17.7	223.2	15.12	33.21	13.05	225.2	16.8	26.05	82.1	84.5	14.12	9.23	0	1013	26.25	6.091	-0.028	13.78
4/8/2011 15:00	15000	17.1	222.8	18.83	29.63	12.65	224.5	21.12	26.05	83.3	85.7	11.93	7.104	0	1001	26.24	6.046	-0.044	12.97
4/8/2011 16:00	15001	16.62	220.5	18.35	29.63	12.13	222.8	19.74	24.26	85.2	87.4	9	4.361	0	921	26.22	6.015	-0.032	12.81
4/8/2011 17:00	15002	15.77	217.3	14.15	29.63	11.45	219.1	16.82	24.26	86.6	88.7	7.508	2.908	0	776.9	26.2	5.957	-0.058	12.99
4/8/2011 18:00	15003	17.85	208.4	15.83	31.42	12.46	210.5	17.97	24.26	87.7	89.4	5.427	1.834	0	588.3	26.18	5.913	-0.044	12.83
4/8/2011 19:00	15004	16.55	224	14.44	31.42	11.9	226.1	16.59	24.26	87	87.7	4.471	1.816	0	373.2	26.18	5.876	-0.038	14.64
4/8/2011 20:00	15005	12.29	215.5	10.78	20.68	8.39	216.6	13.67	17.1	86	85.7	5.76	2.056	0	143.2	26.17	5.853	-0.022	15.05
4/8/2011 21:00	15006	8.01	198.1	18.58	13.52	4.014	188	36.21	8.16	80.1	77.56	7.719	4.683	0	4.04	26.15	5.838	-0.015	12.81
4/8/2011 22:00	15007	7.106	148.8	10.1	9.95	3.078	106	11.71	4.578	75.2	69.44	10.26	8.95	0	0.001	26.12	5.829	-0.009	12.88
4/8/2011 23:00	15008	8.41	123.4	9.81	11.74	3.716	91.7	12.57	6.368	73.55	66.45	11.32	10.9	0	0	26.1	5.812	-0.017	12.82
4/9/2011 0:00	15009	9.15	110	10.18	17.1	4.167	95.4	20.54	11.74	71.63	65.73	12.06	11.21	0	0	26.08	5.802	-0.009	12.86
4/9/2011 1:00	15010	12.61	164.6	17.9	26.05	7.33	167.9	25.16	17.1	74.26	73	19.49	16.03	0	0	26.1	5.789	-0.013	12.8
4/9/2011 2:00	15011	7.481	192.5	16.37	13.52	3.866	196	21.9	8.16	72.33	70.68	28.05	25.04	0	0	26.12	5.785	-0.004	14.83
4/9/2011 3:00	15012	9.69	190	11.95	17.1	5.519	190.9	15.92	11.74	71.55	70.28	33.06	30.16	0	0	26.13	5.779	-0.006	12.93
4/9/2011 4:00	15013	10.9	169.9	9.05	17.1	6.088	171.8	15.66	11.74	69.01	67.86	39.16	36.32	0	0	26.11	5.773	-0.005	13.01
4/9/2011 5:00	15014	6.972	171.5	9.06	13.52	2.721	172.3	13.35	8.16	64.87	62.93	46.38	44.61	0	0	26.1	5.761	-0.012	13.15
4/9/2011 6:00	15015	6.229	171.8	10.2	9.95	2.174	181.3	14.77	6.368	62.21	59.97	51.27	50.05	0	0	26.09	5.755	-0.006	12.61

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/9/2011 7:00	15016	5.875	177.6	24.6	9.95	2.222	182.2	32.67	6.368	61.18	59	53.85	52.69	0	0	26.09	5.752	-0.003	12.73
4/9/2011 8:00	15017	3.835	178.6	13.11	6.368	0.404	130.3	11.43	2.789	60.33	57.8	55.93	55.48	0	19.49	26.1	5.749	-0.003	12.99
4/9/2011 9:00	15018	5.631	181.4	15.08	9.95	2.539	182.7	23.96	6.368	62.89	62.08	54.64	51.54	0	89.9	26.11	5.742	-0.006	12.9
4/9/2011 10:00	15019	11.6	191.3	11.57	20.68	7.49	195.1	16.35	15.31	68.62	68.95	49.05	44.91	0	207.8	26.15	5.739	-0.003	13.07
4/9/2011 11:00	15020	16.86	192.1	12.16	31.42	11.17	196.3	16.79	22.47	74.34	75.74	36.21	31.62	0	537.4	26.18	5.724	-0.015	14.74
4/9/2011 12:00	15021	20.24	206.3	9.16	31.42	13.91	209.7	13.57	26.05	80.2	82.5	21.67	16.93	0	805	26.23	5.701	-0.023	13.14
4/9/2011 13:00	15022	21.98	204.2	11.57	33.21	15.07	206.7	15.39	29.63	82.9	85.5	15.85	11.15	0	937	26.24	5.672	-0.029	12.89
4/9/2011 14:00	15023	26.73	212.9	13.39	43.94	18.38	215.7	15.97	34.99	86.2	88.6	10.44	5.843	0	1002	26.22	5.624	-0.048	13.16
4/9/2011 15:00	15024	26.06	211.2	16.03	47.52	18.05	213.5	18.43	38.57	88.8	91.3	7.977	3.487	0	988	26.19	5.571	-0.054	13.88
4/9/2011 16:00	15025	26.31	220.4	13.19	45.73	18.62	222.6	15.12	38.57	90.3	92.3	6.334	1.956	0	904	26.17	5.532	-0.038	14.38
4/9/2011 17:00	15026	28.82	214.7	12.12	49.31	19.68	217.5	15.05	36.78	90.2	92.1	7.27	2.797	0	757.1	26.15	5.469	-0.063	12.86
4/9/2011 18:00	15027	26.33	214.6	10.86	45.73	18.03	216.8	13.72	33.21	90.3	91.7	8.34	4.039	0	547.3	26.13	5.419	-0.051	12.96
4/9/2011 19:00	15028	25.85	210	9.76	40.36	17.29	212.6	13.46	31.42	90.1	90.7	8.57	4.552	0	303.4	26.11	5.365	-0.054	12.86
4/9/2011 20:00	15029	23.31	204.9	8.63	36.78	15.35	208.5	12.86	29.63	88.7	88.6	9.51	5.769	0	82.9	26.09	5.337	-0.028	15.05
4/9/2011 21:00	15030	17.44	193.6	10	29.63	11.06	196.5	15.24	22.47	86.6	85.9	10.34	6.78	0	2.483	26.08	5.318	-0.019	13.07
4/9/2011 22:00	15031	13.79	219.9	36.14	22.47	9.15	222.2	35.58	17.1	83.9	83.1	10.94	7.426	0	0.014	26.08	5.293	-0.025	12.82
4/9/2011 23:00	15032	10.49	203.2	39	31.42	6.188	199.3	39.84	22.47	81.5	80.1	10.89	7.737	0	0.005	26.13	5.281	-0.012	12.82
4/10/2011 0:00	15033	15.48	211.1	10.62	26.05	10.09	214	13.6	20.68	82.6	82.1	9.43	5.733	0	0.005	26.16	5.262	-0.019	14.74
4/10/2011 1:00	15034	10.78	251.8	33.93	26.05	7.598	253	34.68	15.31	78.43	77.85	12.79	8.99	0	0.008	26.17	5.246	-0.016	13.13
4/10/2011 2:00	15035	10.44	301.6	8.16	15.31	7.805	304	10.38	13.52	72.01	71.67	22.08	18.26	0	0.001	26.17	5.236	-0.01	12.84
4/10/2011 3:00	15036	11.38	309	8.3	17.1	8.72	312	9.02	15.31	69.1	68.74	25.34	21.59	0	0	26.16	5.227	-0.009	12.89
4/10/2011 4:00	15037	10.81	311.9	7.881	17.1	8.3	314.6	8.21	13.52	65.9	65.51	28.5	24.78	0	0	26.15	5.219	-0.008	14.06
4/10/2011 5:00	15038	9.68	309.9	7.205	15.31	6.901	312.2	7.838	13.52	62.67	62.06	31.34	27.8	0	0	26.14	5.213	-0.006	12.75
4/10/2011 6:00	15039	9.9	310	6.685	15.31	6.966	312.2	7.268	11.74	60.09	59.28	33.81	30.48	0	0	26.14	5.203	-0.01	14.13
4/10/2011 7:00	15040	10.5	309.9	7.636	15.31	7.619	311.9	8.05	11.74	58.66	58.07	35.16	31.63	0	0	26.14	5.197	-0.006	13.84
4/10/2011 8:00	15041	9.25	327.6	17.74	18.89	6.493	328.5	18.4	15.31	56.03	55.35	36.72	33.33	0	12.68	26.16	5.185	-0.012	12.32
4/10/2011 9:00	15042	13.92	342.9	9.94	24.26	10.95	342	11.8	18.89	53.01	53.41	37.08	32.38	0	106.3	26.17	5.162	-0.022	14.54
4/10/2011 10:00	15043	13.25	348.3	11.3	20.68	10.38	348	13.91	18.89	54.87	55.74	34.65	29.55	0	386.3	26.2	5.146	-0.016	13.26
4/10/2011 11:00	15044	11.94	341.6	16.03	18.89	9.64	341.9	17.59	15.31	59.51	60.8	30.62	25.33	0	641.3	26.24	5.14	-0.006	13.62
4/10/2011 12:00	15045	9.96	319.4	20.69	17.1	8.48	321	21.92	15.31	64.86	66.07	27.2	22.09	0	832	26.28	5.125	-0.014	12.96
4/10/2011 13:00	15046	11.63	291.2	20.52	26.05	9.87	291.4	24.88	22.47	68.83	70.21	26.21	20.99	0	962	26.3	5.11	-0.016	13.06
4/10/2011 14:00	15047	12.12	268.2	20.96	20.68	10.03	267.9	22.73	18.89	71.24	72.93	25.13	19.78	0	1023	26.29	5.099	-0.01	15.01
4/10/2011 15:00	15048	13.54	256.5	17.93	24.26	11.04	256.2	19.38	22.47	73.63	75.33	22.46	17.33	0	1019	26.27	5.061	-0.038	15.12
4/10/2011 16:00	15049	15.99	255.7	15.62	27.84	12.89	255.5	16.23	22.47	76.03	77.66	20.65	15.69	0	939	26.26	5.026	-0.035	14.04
4/10/2011 17:00	15050	15.11	255.3	21.54	29.63	12.19	255.7	22	26.05	77.45	78.87	19.08	14.29	0	788.9	26.24	4.991	-0.035	12.92
4/10/2011 18:00	15051	18.87	256.9	20.68	31.42	14.88	256.8	21.17	26.05	78.19	79.31	16.09	11.61	0	589.7	26.23	4.919	-0.073	12.87
4/10/2011 19:00	15052	22.93	295.5	10.03	36.78	18.58	296.6	13.34	34.99	74.44	75.13	19.29	14.88	0	357.5	26.24	4.881	-0.038	12.85
4/10/2011 20:00	15053	23.32	291	8.97	36.78	18.75	291.6	12.31	29.63	70.01	70.27	21.49	17.29	0	132.6	26.26	4.862	-0.019	12.81
4/10/2011 21:00	15054	18.66	286	10.15	31.42	14.68	285.6	13.18	27.84	66.89	66.89	21.72	17.68	0	4.736	26.27	4.85	-0.012	12.69
4/10/2011 22:00	15055	14.66	278	10.89	27.84	11.55	276.3	12.17	22.47	64.23	64.12	23.65	19.66	0	0	26.29	4.845	-0.005	12.88
4/10/2011 23:00	15056	13.13	309.7	17.52	24.26	10.23	311.5	19	20.68	61.71	61.46	18.69	14.91	0	0	26.32	4.829	-0.016	12.88
4/11/2011 0:00	15057	11.62	313.9	8.21	18.89	8.87	315.2	8.62	15.31	57.3	56.94	15.6	11.74	0	0	26.33	4.813	-0.016	12.86
4/11/2011 1:00	15058	10.81	309.5	8.48	29.63	7.895	311.3	9.61	22.47	53.6	53.1	15.93	12.1	0	0	26.31	4.811	-0.002	12.67
4/11/2011 2:00	15059	11.11	306.8	8.16	22.47	8.19	309.8	8.7	17.1	50.9	50.45	16.24	12.29	0	0	26.3	4.793	-0.018	12.97
4/11/2011 3:00	15060	11.37	310.7	8.12	20.68	8.45	313	8.8	18.89	49.92	49.37	16.73	12.82	0	0	26.29	4.78	-0.013	14.65

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/11/2011 4:00	15061	12.32	303.1	8.74	20.68	9.43	305.3	10.69	17.1	50.5	50.09	18.3	14.24	0	0	26.3	4.77	-0.01	14.7
4/11/2011 5:00	15062	10.68	296.1	9.9	18.89	8.04	295.9	12.59	15.31	50.14	49.68	20.51	16.49	0	0	26.34	4.767	-0.003	12.79
4/11/2011 6:00	15063	12.5	325.2	12.96	22.47	9.76	326.2	13.39	18.89	50.08	49.63	22.25	18.26	0	0	26.36	4.751	-0.016	12.56
4/11/2011 7:00	15064	10.87	344	12.39	20.68	8.14	342.4	14.64	18.89	48.9	48.53	25.69	21.52	0	0	26.39	4.748	-0.003	12.36
4/11/2011 8:00	15065	13.28	357.5	9.62	20.68	9.82	356.6	11.98	18.89	48.93	48.73	31.98	27.57	0	21.96	26.41	4.742	-0.006	12.8
4/11/2011 9:00	15066	14.7	11.2	11.12	26.05	10.83	12.43	13.67	20.68	50.74	51.33	35.21	30.08	0	215.7	26.45	4.732	-0.01	12.51
4/11/2011 10:00	15067	18.82	23.85	11.39	31.42	12.86	25.03	13.24	26.05	53.88	54.53	35.97	30.92	0	445.1	26.49	4.722	-0.011	14.61
4/11/2011 11:00	15068	18.29	34.07	11.81	29.63	11.29	34.49	14.24	29.63	57.05	58.09	32.57	27.44	0	662.2	26.53	4.712	-0.01	14.76
4/11/2011 12:00	15069	15	36.95	14.5	24.26	9.44	36.92	16.93	20.68	60.76	62.37	27.13	21.86	0	858	26.58	4.698	-0.013	12.91
4/11/2011 13:00	15070	10.56	30.6	21.42	22.47	7.199	28.93	23.39	18.89	63.98	65.84	22.35	17.11	0	992	26.61	4.685	-0.014	12.9
4/11/2011 14:00	15071	10.77	0.318	25.34	22.47	8.27	0.398	29.63	22.47	66.5	68.31	19.01	13.8	0	1057	26.61	4.672	-0.013	12.97
4/11/2011 15:00	15072	8.97	354.8	30.61	20.68	7.131	354	31.09	17.1	68.67	70.28	16.96	11.93	0	1048	26.6	4.653	-0.019	12.98
4/11/2011 16:00	15073	8.27	6.023	36.29	17.1	6.238	6.014	39.77	15.31	70.79	72.12	15.26	10.48	0	965	26.59	4.633	-0.019	12.86
4/11/2011 17:00	15074	6.689	350.7	46.15	17.1	5.082	349.1	42.45	15.31	72.74	73.63	12.89	8.35	0	818	26.57	4.614	-0.019	12.87
4/11/2011 18:00	15075	5.463	15.42	86.2	15.31	3.851	20.92	76.92	13.52	73.53	74.26	12.34	7.959	0	618	26.55	4.602	-0.013	12.92
4/11/2011 19:00	15076	5.791	32.93	39.79	13.52	3.683	30.97	39.77	13.52	72.57	72.94	12.24	8.06	0	390.6	26.54	4.583	-0.019	13.15
4/11/2011 20:00	15077	4.457	94.6	42.45	11.74	2.292	85.6	31.71	9.95	71.54	71.25	12	8.35	0	161.1	26.52	4.561	-0.021	12.82
4/11/2011 21:00	15078	5.355	83.5	6.476	8.16	2.13	76.82	10.25	4.578	67.09	64.33	13.87	11.89	0	5.663	26.5	4.555	-0.006	12.91
4/11/2011 22:00	15079	7.165	93.7	7.716	9.95	3.187	84.8	11.43	4.578	63.22	57.58	16	15.34	0	0	26.48	4.547	-0.008	14.95
4/11/2011 23:00	15080	8.33	98.2	6.886	11.74	3.581	88	12.28	6.368	59.47	54.51	18.17	17.27	0	0	26.46	4.541	-0.006	13.13
4/12/2011 0:00	15081	8.88	115.8	8.92	11.74	3.907	107.5	19.46	8.16	56.88	53.31	20.65	18.91	0	0	26.44	4.529	-0.011	12.76
4/12/2011 1:00	15082	8.76	118.5	6.454	20.68	3.989	114.6	17.08	9.95	54.84	52.61	22.87	20.31	0	0	26.43	4.523	-0.006	12.73
4/12/2011 2:00	15083	9.28	124.6	6.575	11.74	4.366	120.9	17.03	8.16	54.05	51.79	24.71	22.25	0	0	26.42	4.517	-0.006	12.83
4/12/2011 3:00	15084	9.09	120.6	6.879	13.52	4.314	117	17.72	8.16	53.73	51.58	25.38	22.93	0	0	26.4	4.507	-0.01	12.28
4/12/2011 4:00	15085	9.11	120.3	7.325	13.52	4.254	115.6	17.96	8.16	52.31	50.13	26.78	24.41	0	0	26.38	4.504	-0.003	12.31
4/12/2011 5:00	15086	9.38	124.3	7.802	13.52	4.57	120.6	18.06	9.95	51.77	49.78	27.7	25.19	0	0	26.37	4.491	-0.013	12.29
4/12/2011 6:00	15087	10.16	130.2	9.08	13.52	5.113	128.1	19	9.95	51.36	49.81	28.97	26.05	0	0	26.37	4.485	-0.006	12.39
4/12/2011 7:00	15088	10.17	137.7	7.496	15.31	5.169	136.7	16.5	11.74	49.82	48.36	32.13	29.14	0	0	26.37	4.472	-0.013	12.24
4/12/2011 8:00	15089	8.92	139.8	7.017	11.74	4.359	138.3	17.39	9.95	48.59	46.92	34.96	32.25	0	20.45	26.37	4.469	-0.003	12.93
4/12/2011 9:00	15090	9.54	155	11.47	17.1	5.715	156.6	18.22	13.52	53.41	54.16	31.4	26.73	0	199.2	26.38	4.46	-0.01	12.29
4/12/2011 10:00	15091	17.87	168	9.28	29.63	10.89	171.3	16.59	20.68	61.63	62.99	26.06	21.11	0	424.4	26.42	4.449	-0.011	12.31
4/12/2011 11:00	15092	24.12	166.3	9.93	34.99	14.51	169.2	16.82	26.05	66.22	68.16	23.19	18.01	0	645.3	26.45	4.434	-0.014	12.79
4/12/2011 12:00	15093	24.19	171.5	11.67	34.99	14.99	175.1	17.84	27.84	68.65	71.14	21.11	15.71	0	848	26.47	4.422	-0.013	12.9
4/12/2011 13:00	15094	22.57	164.2	12.14	33.21	13.89	167.5	17.99	26.05	71.03	73.99	18.32	12.88	0	923	26.46	4.403	-0.019	12.52
4/12/2011 14:00	15095	19.89	172.1	11.95	33.21	12.5	175.7	18.3	22.47	73.61	77	16.37	10.84	0	1010	26.46	4.377	-0.026	12.13
4/12/2011 15:00	15096	18.47	169.6	15.94	29.63	11.71	173.6	20.49	24.26	76.28	79.73	13.97	8.61	0	1000	26.42	4.348	-0.029	12.4
4/12/2011 16:00	15097	17.45	171.3	16.87	31.42	11.32	175.1	22.36	24.26	78.22	81.4	12.67	7.479	0	924	26.39	4.319	-0.029	12.89
4/12/2011 17:00	15098	16.27	183.4	14.73	29.63	10.53	187.6	19.88	22.47	79.59	82.4	11.54	6.489	0	780.7	26.36	4.288	-0.032	15.21
4/12/2011 18:00	15099	15.05	177.9	14.86	26.05	9.55	181.8	20.38	20.68	80.2	82.5	11.92	7.098	0	584	26.34	4.259	-0.028	13.04
4/12/2011 19:00	15100	14.02	174.6	14.53	26.05	8.86	178.2	20.27	17.1	79.93	81.2	12.54	8.15	0	345.6	26.33	4.234	-0.025	12.93
4/12/2011 20:00	15101	14.1	163	11.24	22.47	8.28	165.8	17.55	17.1	78.07	78.15	14.07	10.16	0	123.9	26.31	4.177	-0.057	15.11
4/12/2011 21:00	15102	12.7	153.8	7.892	20.68	7.247	156.1	15.2	13.52	73.1	72.2	18.35	14.89	0	4.22	26.29	4.171	-0.006	13.45
4/12/2011 22:00	15103	12.26	151.4	8.94	18.89	6.981	153.7	16.1	13.52	69.27	68.34	22.01	18.61	0	0	26.29	4.159	-0.012	12.24
4/12/2011 23:00	15104	10.59	148.3	8.32	17.1	5.707	149.3	15.54	11.74	66.05	64.79	24.2	21.06	0	0	26.28	4.15	-0.008	12.25
4/13/2011 0:00	15105	9.03	148.9	7.651	13.52	4.589	149	15.13	9.95	62.78	61.17	26.82	24	0	0	26.26	4.141	-0.009	12.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/13/2011 1:00	15106	6.996	147.7	7.393	13.52	2.607	145.4	14.12	6.368	59.84	57.57	29.72	27.6	0	0	26.23	4.135	-0.006	12.18
4/13/2011 2:00	15107	4.172	171.1	23.25	8.16	0.143	139.1	7.472	2.789	57.07	54.02	32.51	31.4	0	0	26.21	4.132	-0.002	12.32
4/13/2011 3:00	15108	4.257	194.5	13.42	8.16	0.432	203.1	4.657	2.789	56.33	53.7	33.69	32.04	0	0	26.19	4.13	-0.003	12.33
4/13/2011 4:00	15109	4.58	193.7	12.14	8.16	0.554	204	10.88	2.789	56.1	53	34.5	33.45	0	0	26.17	4.13	0	12.25
4/13/2011 5:00	15110	4.004	209.2	11.33	6.368	0.244	217.6	3.9	4.578	55.42	51.89	35.55	35.04	0	0	26.16	4.127	-0.003	12.33
4/13/2011 6:00	15111	3.315	226.8	13.57	6.368	0.281	311.4	5.427	4.578	55.07	51.18	36.25	36.05	0	0	26.16	4.123	-0.003	12.49
4/13/2011 7:00	15112	4.614	227.8	10.47	8.16	0.643	265.4	7.998	4.578	55.11	50.92	36.39	36.82	0	0	26.16	4.123	0	12.16
4/13/2011 8:00	15113	4.725	215.8	10.81	8.16	0.97	229.6	10.35	4.578	54.1	50.61	37.8	37.3	0	25.36	26.17	4.12	-0.003	12.88
4/13/2011 9:00	15114	6.573	212.9	10.21	13.52	4.202	216.9	13.34	9.95	56.41	57.16	36.29	31.45	0	218.3	26.2	4.117	-0.004	12.93
4/13/2011 10:00	15115	9.02	223.4	10.86	15.31	6.699	225.3	13.8	11.74	61.99	62.96	31.39	26.58	0	420.6	26.26	4.109	-0.007	12.34
4/13/2011 11:00	15116	9.29	237.5	19.2	13.52	7.318	238.6	20.07	11.74	68.15	69.21	24.98	20.35	0	598.7	26.31	4.102	-0.008	12.91
4/13/2011 12:00	15117	8.05	287.5	43.43	15.31	6.611	287.7	44.81	13.52	76.25	77.32	14.86	10.57	0	786.9	26.35	4.095	-0.007	14.92
4/13/2011 13:00	15118	7.397	311.5	28.86	15.31	6.134	313.1	33.79	13.52	81.5	82.4	8.26	3.959	0	796.4	26.37	4.078	-0.016	12.87
4/13/2011 14:00	15119	9.81	264.5	28.24	18.89	8.01	264.2	30.34	17.1	83.7	84.8	5.876	2.022	0	845	26.36	4.062	-0.016	12.83
4/13/2011 15:00	15120	10.9	249.1	24.61	22.47	8.71	248.7	26.62	17.1	84.2	85.6	4.566	1.808	0	696.1	26.34	4.034	-0.029	12.87
4/13/2011 16:00	15121	12.82	254.8	20.37	22.47	10.36	253.4	20.56	18.89	84.5	85.6	3.909	1.811	0	746.7	26.32	3.996	-0.038	12.86
4/13/2011 17:00	15122	12.96	261	24.74	22.47	10.37	260.8	26.25	18.89	83.7	84.8	4.294	1.808	0	600.5	26.3	3.968	-0.028	14.72
4/13/2011 18:00	15123	10.75	241.1	21.5	18.89	8.32	241.2	21.67	17.1	83.4	84.2	5.353	1.803	0	385.3	26.27	3.911	-0.057	12.92
4/13/2011 19:00	15124	12.53	228.2	17.36	24.26	9.17	229.5	17.96	18.89	82.8	83.2	5.291	1.773	0	211	26.25	3.895	-0.016	15.09
4/13/2011 20:00	15125	12.24	228.9	15.79	22.47	8.66	230.4	16.64	18.89	80.7	80.5	5.079	1.748	0	83.4	26.24	3.87	-0.025	13.56
4/13/2011 21:00	15126	11.94	227.8	8.38	22.47	7.857	228.2	10.85	17.1	77.32	76.47	6.118	2.263	0	10.88	26.23	3.854	-0.015	13.86
4/13/2011 22:00	15127	9.75	231.1	9.17	17.1	6.155	231.5	11.25	13.52	73.27	71.93	6.828	3.072	0	0.002	26.22	3.842	-0.013	13.71
4/13/2011 23:00	15128	6.286	224.2	10.78	11.74	2.242	223.5	11.89	6.368	66.46	64.15	9.78	6.569	0	0	26.21	3.836	-0.005	14.71
4/14/2011 0:00	15129	4.85	216.8	9.06	8.16	0.346	218	6.04	2.789	62.39	58.59	12.82	10.37	0	0	26.18	3.833	-0.003	12.45
4/14/2011 1:00	15130	8.74	207	8.44	13.52	4.328	208.2	14.34	9.95	62.87	60.19	13.49	10.67	0	0	26.14	3.827	-0.006	12.22
4/14/2011 2:00	15131	6.814	218	26.79	13.52	3.35	222.4	39.16	8.16	59.77	57.74	15.18	12.15	0	0	26.14	3.821	-0.006	12.2
4/14/2011 3:00	15132	5.956	233.1	11.29	9.95	1.942	255.7	18.81	4.578	58.15	55.05	15.81	13.72	0	0	26.12	3.818	-0.002	12.3
4/14/2011 4:00	15133	5.865	237.7	16.66	8.16	1.749	252.7	27.81	4.578	56.35	52.74	16.67	15.03	0	0	26.1	3.816	-0.003	12.18
4/14/2011 5:00	15134	5.991	239.6	9.41	9.95	1.693	250.7	23.48	4.578	55.09	50.92	16.74	15.67	0	0	26.09	3.813	-0.003	12.55
4/14/2011 6:00	15135	5.2	247.4	19.64	11.74	1.865	250.5	34.57	8.16	54.44	50.03	16.46	15.52	0	0	26.08	3.809	-0.003	12.14
4/14/2011 7:00	15136	4.206	267.9	29.56	9.95	1.122	220.3	34.19	4.578	54.73	49.42	17	16.19	0	0	26.08	3.806	-0.003	12.51
4/14/2011 8:00	15137	5.797	272.6	13.06	9.95	1.936	252.8	21.04	4.578	55.53	49.77	17.79	17.32	0	27.3	26.09	3.8	-0.006	12.66
4/14/2011 9:00	15138	9.9	246.7	11.03	17.1	7.049	244.2	11.08	15.31	62.08	61.7	14.95	11.3	0	226.9	26.11	3.786	-0.013	12.84
4/14/2011 10:00	15139	16.39	263.1	13.59	33.21	12.95	263	14.59	29.63	69.41	69.96	11.22	6.99	0	460.9	26.17	3.753	-0.033	12.89
4/14/2011 11:00	15140	25.26	272.2	10.93	38.57	20.08	271	11.71	36.78	72.54	73.37	7.122	3.137	0	677.6	26.21	3.712	-0.042	13.77
4/14/2011 12:00	15141	24.56	264.7	14.78	42.15	19.55	263.5	15.37	36.78	74.11	75.22	5.916	1.828	0	868	26.23	3.693	-0.019	14.92
4/14/2011 13:00	15142	22.26	260.6	16.1	36.78	17.73	259.6	16.37	29.63	76.3	77.67	3.823	1.745	0	998	26.22	3.638	-0.054	12.94
4/14/2011 14:00	15143	21.51	268	14.31	36.78	17.29	267.2	15.25	33.21	77.38	78.98	3.316	1.747	0	1056	26.21	3.6	-0.038	13.03
4/14/2011 15:00	15144	20.31	265.8	17.12	38.57	16.32	265.4	18.62	31.42	79.26	80.8	4.155	1.751	0	1038	26.19	3.575	-0.025	14.93
4/14/2011 16:00	15145	20.64	268.8	15.05	36.78	16.45	268	16.59	33.21	80.3	81.8	3.922	1.759	0	958	26.17	3.537	-0.038	13.73
4/14/2011 17:00	15146	21.63	284.9	17.88	34.99	17.5	284.3	20.21	33.21	82	83.2	2.436	1.792	0	808	26.15	3.451	-0.086	13.58
4/14/2011 18:00	15147	22.79	298.7	11.89	40.36	18.42	300.7	14.32	33.21	81.1	81.9	2.36	1.771	0	607.9	26.16	3.416	-0.035	12.83
4/14/2011 19:00	15148	21.09	311.3	12.39	34.99	17.11	313.5	13.14	29.63	79.52	79.88	2.357	1.749	0	377.2	26.16	3.4	-0.016	13.47
4/14/2011 20:00	15149	19.58	321.7	9.27	29.63	15.69	323.6	10.33	26.05	76.25	76.27	2.367	1.739	0	141.5	26.16	3.382	-0.019	12.87
4/14/2011 21:00	15150	14.01	322.4	8.26	22.47	10.94	324	9.25	20.68	71.47	71.04	3.921	1.698	0	6.063	26.16	3.373	-0.009	14.5

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/14/2011 22:00	15151	9.78	320.3	8.58	17.1	6.622	322.5	10.4	13.52	66.51	65.31	6.985	3.081	0	0	26.16	3.367	-0.005	12.79
4/14/2011 23:00	15152	10.54	333.3	7.289	15.31	7.593	335.8	9.27	11.74	62.66	61.5	8.95	4.884	0	0	26.17	3.355	-0.012	12.84
4/15/2011 0:00	15153	12.79	333.3	8.46	20.68	9.82	334.3	10.08	18.89	64.32	63.43	8.6	4.533	0	0	26.18	3.339	-0.016	12.98
4/15/2011 1:00	15154	13	333.6	10.96	29.63	10.08	334.4	11.56	18.89	61.05	60.4	8.56	4.365	0	0	26.2	3.329	-0.01	12.53
4/15/2011 2:00	15155	14.02	322.7	9.02	24.26	10.91	324.6	10.12	20.68	59.46	58.92	7.225	2.894	0	0	26.22	3.31	-0.019	12.59
4/15/2011 3:00	15156	12.36	313.5	10.57	20.68	9.47	315.1	11.13	17.1	57.93	57.43	8	3.608	0	0	26.22	3.304	-0.006	12.61
4/15/2011 4:00	15157	11.34	311.7	8.7	20.68	8.51	313.8	9.54	15.31	56	55.37	9.97	5.716	0	0	26.22	3.295	-0.009	12.52
4/15/2011 5:00	15158	9.88	316.7	15.3	17.1	6.906	318.9	16.84	15.31	53.46	52.48	11.99	7.968	0	0	26.22	3.292	-0.002	12.42
4/15/2011 6:00	15159	7.823	340.2	16.47	13.52	4.927	337.8	25.54	11.74	50.96	49.8	13.04	9.11	0	0	26.23	3.289	-0.003	12.73
4/15/2011 7:00	15160	7.679	351.3	13.83	11.74	4.854	351.7	16.79	9.95	49.3	48.13	14.51	10.63	0	0	26.25	3.286	-0.003	12.79
4/15/2011 8:00	15161	9.24	1.56	10.43	15.31	6.129	0.202	12.97	11.74	48.55	47.8	15.3	11.21	0	28.78	26.27	3.283	-0.003	12.62
4/15/2011 9:00	15162	8.46	17.01	13.31	13.52	6.199	17.55	14.13	11.74	51.28	52.1	21.5	16.15	0	223	26.31	3.276	-0.006	12.76
4/15/2011 10:00	15163	10.77	42.18	16.01	18.89	6.567	40.57	17.92	15.31	54.5	55.78	38.41	32.44	0	452.8	26.37	3.272	-0.004	12.63
4/15/2011 11:00	15164	11.87	23.97	16.12	20.68	8.37	23.5	17.9	17.1	56.62	57.83	38.1	32.43	0	671	26.43	3.266	-0.006	12.64
4/15/2011 12:00	15165	10.9	10.81	21.92	20.68	7.789	12.41	25.47	18.89	59.69	61.38	30.5	24.82	0	872	26.46	3.255	-0.01	12.64
4/15/2011 13:00	15166	8.58	359.8	30.22	18.89	6.245	0.504	34.37	15.31	63.35	65.16	23.04	17.62	0	1003	26.48	3.243	-0.013	12.96
4/15/2011 14:00	15167	8.54	331.8	39.88	18.89	6.89	332.7	39.62	17.1	66.29	67.81	17.54	12.45	0	1063	26.49	3.22	-0.022	14.96
4/15/2011 15:00	15168	6.696	334.8	56.07	15.31	5.291	330.7	56.69	13.52	69.16	70.29	14.56	9.82	0	1051	26.48	3.198	-0.023	15.07
4/15/2011 16:00	15169	6.788	335.5	41.38	13.52	5.325	337.1	43.26	13.52	70.8	71.71	12.7	7.981	0	970	26.47	3.169	-0.029	12.84
4/15/2011 17:00	15170	5.64	353.8	86.8	20.68	4.147	348.4	82.4	15.31	72.36	73.52	11.39	6.777	0	818	26.45	3.141	-0.029	12.81
4/15/2011 18:00	15171	6.042	340.4	63.29	22.47	4.725	335.8	57.09	24.26	72.92	73.56	11.08	6.617	0	621.6	26.43	3.109	-0.032	13.04
4/15/2011 19:00	15172	4.569	23.53	45.74	11.74	3.387	21.77	45.64	11.74	72.82	72.86	10.88	6.743	0	389.3	26.41	3.093	-0.016	12.84
4/15/2011 20:00	15173	4.319	151.5	40.32	9.95	2.384	151.6	41.44	6.368	70.74	70.75	11.61	7.762	0	133.7	26.4	3.081	-0.012	13.05
4/15/2011 21:00	15174	7.937	121.7	5.94	9.95	3.539	118.9	15.68	8.16	63.93	61.62	14.78	12.06	0	5.781	26.36	3.075	-0.006	12.8
4/15/2011 22:00	15175	8.34	127.2	5.162	9.95	3.564	120.8	14.82	6.368	59.47	56.34	16.93	14.77	0	0	26.33	3.066	-0.009	14.86
4/15/2011 23:00	15176	8.32	128.8	6.967	9.95	3.422	119.4	15.01	6.368	57.15	53.87	18.26	16.32	0	0	26.32	3.06	-0.006	12.77
4/16/2011 0:00	15177	8.6	134.5	6.354	11.74	3.667	127.7	16.17	6.368	55.71	53	19.23	16.93	0	0	26.31	3.058	-0.003	12.76
4/16/2011 1:00	15178	8.09	135	7.541	15.31	3.417	127.3	16.2	8.16	53.48	50.75	20.28	18.09	0	0	26.3	3.051	-0.006	12.62
4/16/2011 2:00	15179	8.36	128.7	5.589	11.74	3.647	118.8	16.38	6.368	51.95	49.2	20.48	18.42	0	0	26.3	3.045	-0.006	12.55
4/16/2011 3:00	15180	8.08	121.1	8.02	11.74	3.446	111.8	17.42	6.368	50.64	47.72	20.92	18.99	0	0	26.29	3.045	0	12.72
4/16/2011 4:00	15181	8.71	130.4	6.836	11.74	4.122	128	17.01	8.16	49.81	47.75	20.81	18.17	0	0	26.28	3.042	-0.003	12.64
4/16/2011 5:00	15182	8.13	119.6	7.815	13.52	3.931	115.5	18.09	8.16	47.79	45.88	21.76	18.99	0	0	26.28	3.035	-0.006	12.21
4/16/2011 6:00	15183	7.738	113.2	10.99	11.74	3.931	106	20.55	8.16	44.5	42.76	24.37	21.57	0	0	26.27	3.033	-0.003	14.61
4/16/2011 7:00	15184	8.07	104.7	9.66	13.52	4.528	98.5	18.17	9.95	43.59	42.27	23.93	20.7	0	0	26.27	3.03	-0.003	12.45
4/16/2011 8:00	15185	8.96	99.9	11.38	15.31	5.227	95.1	18.66	9.95	42.71	41.92	24.56	20.86	0	25.03	26.28	3.027	-0.003	12.61
4/16/2011 9:00	15186	13.8	116	10.18	24.26	8.36	115.6	20.9	18.89	47.5	48.08	20.56	16.07	0	189.2	26.29	3.016	-0.01	12.68
4/16/2011 10:00	15187	16.26	131.4	11.47	24.26	9.81	133.9	20.61	18.89	53.05	54.6	16.75	11.92	0	405.8	26.34	3.006	-0.01	12.73
4/16/2011 11:00	15188	16.61	154.6	14.31	24.26	10.21	157.1	20.88	18.89	59.71	61.97	13.04	8.04	0	627.1	26.38	2.993	-0.013	12.88
4/16/2011 12:00	15189	16.82	171.4	12.88	27.84	10.3	174	19.43	20.68	65.43	68.14	10.87	5.796	0	810	26.41	2.983	-0.01	12.97
4/16/2011 13:00	15190	15.01	179.9	14.55	24.26	9.75	183.4	20.14	20.68	69.26	72.5	9.77	4.588	0	958	26.42	2.957	-0.025	12.9
4/16/2011 14:00	15191	12.31	189.2	20.97	22.47	8.35	193.2	25.28	17.1	73.32	76.43	8.03	2.976	0	1024	26.41	2.941	-0.016	13.08
4/16/2011 15:00	15192	10.75	182.8	26.34	22.47	7.375	186.7	30.55	17.1	76.65	79.67	5.9	1.767	0	1017	26.39	2.916	-0.025	12.88
4/16/2011 16:00	15193	10.78	184.6	28.88	20.68	7.367	188.3	32.56	15.31	78.57	81.5	4.722	1.754	0	922	26.37	2.868	-0.048	13.48
4/16/2011 17:00	15194	9.6	193	27.71	24.26	6.729	197.2	32.27	18.89	80.5	82.7	3.57	1.781	0	773.9	26.34	2.833	-0.035	13.33
4/16/2011 18:00	15195	11.71	191.3	21.46	22.47	7.892	195.3	26.43	17.1	81	82.8	2.918	1.785	0	572.6	26.32	2.805	-0.028	12.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/16/2011 19:00	15196	11.76	180	16.29	27.84	7.368	183.5	21.72	20.68	80.5	81.5	3.526	1.756	0	338.7	26.29	2.779	-0.025	12.84
4/16/2011 20:00	15197	13.36	170.3	11.88	20.68	7.687	173	17.78	17.1	77.96	77.93	6.826	2.88	0	109.2	26.28	2.76	-0.019	13.04
4/16/2011 21:00	15198	12.32	157.1	9	20.68	6.839	159.4	15.84	15.31	72.24	71.25	10.1	6.289	0	4.747	26.26	2.732	-0.028	13.34
4/16/2011 22:00	15199	10.97	158.4	9.05	17.1	5.815	159.8	16.1	11.74	67.65	66.34	12.94	9.29	0	0	26.24	2.723	-0.009	12.53
4/16/2011 23:00	15200	12.35	160.4	7.64	20.68	6.978	163.1	15.1	13.52	65.46	64.44	15.55	11.85	0	0	26.23	2.708	-0.015	12.53
4/17/2011 0:00	15201	9.27	163.6	8.12	15.31	4.895	165.9	15.75	9.95	62.26	60.87	18.48	15.04	0	0	26.21	2.692	-0.016	12.56
4/17/2011 1:00	15202	9.52	170.1	9.11	18.89	5.166	173.1	16.58	13.52	61.81	60.43	22.48	19.11	0	0	26.2	2.686	-0.006	12.54
4/17/2011 2:00	15203	8.79	176.8	8.72	17.1	4.572	180.4	16.27	9.95	60.66	59.28	27.22	24	0	0	26.19	2.679	-0.006	12.59
4/17/2011 3:00	15204	5.376	183.6	7.57	9.95	1.465	181.8	9.39	4.578	57.92	54.96	31.98	30.23	0	0	26.17	2.673	-0.006	12.46
4/17/2011 4:00	15205	5.799	192.5	6.921	8.16	1.908	199.5	8.93	4.578	55.91	52.76	35.87	34.37	0	0	26.13	2.674	0.001	12.47
4/17/2011 5:00	15206	6.579	197.4	5.469	9.95	2.627	203.7	10.12	4.578	54.94	51.53	38.62	37.63	0	0	26.11	2.671	-0.003	12.41
4/17/2011 6:00	15207	6.89	202.2	6.302	9.95	3.181	208.9	10.82	6.368	54	51.16	41.48	40.14	0	0	26.1	2.671	0	12.45
4/17/2011 7:00	15208	6.493	197.4	6.149	9.95	2.515	197.6	11.66	4.578	52.74	49.6	45.12	44.28	0	0	26.1	2.667	-0.003	12.53
4/17/2011 8:00	15209	6.425	200.9	6.366	9.95	2.618	203.5	10.16	6.368	50.91	48.07	49.19	48	0	27.72	26.1	2.667	0	12.55
4/17/2011 9:00	15210	8.76	206.9	11.25	18.89	5.792	211.3	15.31	13.52	54.58	55.41	46.38	41.2	0	217.6	26.12	2.661	-0.007	12.96
4/17/2011 10:00	15211	12.94	211.1	9.41	18.89	8.89	214.2	12.67	15.31	61.33	62.82	38.8	33.4	0	454.1	26.17	2.654	-0.007	12.92
4/17/2011 11:00	15212	12.1	219.1	11.85	17.1	8.79	220.6	15.11	15.31	68.06	69.75	28.82	23.76	0	675	26.21	2.64	-0.014	13.47
4/17/2011 12:00	15213	11.42	249.4	17.85	18.89	9.15	249.5	19.21	17.1	77.14	78.35	15.32	11.06	0	865	26.25	2.621	-0.019	13.98
4/17/2011 13:00	15214	10.38	258.3	22.99	24.26	8.31	257	25.19	20.68	84.1	85.3	6.541	3.096	0	915	26.26	2.592	-0.029	13.05
4/17/2011 14:00	15215	12.94	287.3	17.14	31.42	10.74	288	21.09	24.26	88.2	89.6	5.061	1.823	0	1031	26.25	2.557	-0.035	12.89
4/17/2011 15:00	15216	14.89	267.1	16.54	29.63	11.94	266.4	17.97	24.26	88	89.3	5.665	1.836	0	734.4	26.24	2.529	-0.029	14.67
4/17/2011 16:00	15217	13.27	271.7	16.48	26.05	10.75	270.8	18.5	22.47	89.1	90.1	5.052	1.826	0	683.2	26.21	2.487	-0.041	12.85
4/17/2011 17:00	15218	14.87	267.9	17.89	31.42	11.79	267.6	19.31	26.05	90.2	91.3	4.288	1.85	0	705.4	26.18	2.44	-0.047	12.82
4/17/2011 18:00	15219	18.42	258.6	18.64	34.99	14.42	257.9	19.13	29.63	90.8	91.5	3.034	1.851	0	480.1	26.16	2.402	-0.038	12.91
4/17/2011 19:00	15220	17.06	254.6	11.71	31.42	13.14	254	12.22	24.26	88.7	88.8	3.898	1.814	0	213.4	26.15	2.377	-0.025	12.96
4/17/2011 20:00	15221	16.31	252.2	11.29	27.84	12.37	251.7	12.35	24.26	88.5	88.4	5.109	1.813	0	146.2	26.14	2.351	-0.025	12.88
4/17/2011 21:00	15222	11.82	242.1	9.21	24.26	8.38	241.8	9.91	18.89	84.2	83.5	6.291	2.433	0	5.656	26.14	2.336	-0.016	12.79
4/17/2011 22:00	15223	6.147	240.4	11.99	9.95	2.515	240.9	21.53	6.368	76.7	73.88	9.04	6.283	0	0.001	26.13	2.333	-0.003	13.1
4/17/2011 23:00	15224	5.301	215	10.83	8.16	1.284	202	17.09	4.578	72.53	68.73	11.46	9.26	0	0	26.12	2.33	-0.003	12.86
4/18/2011 0:00	15225	5.998	226.7	13.16	9.95	2.261	220	17.62	8.16	69.78	66.07	12.37	10.32	0	0	26.11	2.327	-0.003	13.95
4/18/2011 1:00	15226	4.466	226.2	9.35	8.16	0.724	196.2	9.91	4.578	66.62	62.43	13.75	12.17	0	0	26.09	2.324	-0.003	12.9
4/18/2011 2:00	15227	6.956	229	12.05	13.52	3.251	213.5	17.66	9.95	66.85	62.78	13.89	12.01	0	0	26.08	2.318	-0.006	14.75
4/18/2011 3:00	15228	4.12	213.4	29.13	8.16	1.901	131.5	56.8	4.578	63.72	59.89	15.84	14.25	0	0	26.08	2.318	0	12.83
4/18/2011 4:00	15229	4.896	299.3	24.15	9.95	1.36	304.4	14.7	6.368	65.49	61.28	15.68	14.21	0	0	26.07	2.315	-0.003	12.4
4/18/2011 5:00	15230	8.76	311.3	5.551	13.52	5.153	316.5	6.736	9.95	65.66	62.88	16.93	14.73	0	0	26.07	2.308	-0.006	12.49
4/18/2011 6:00	15231	9.06	305.6	8.38	13.52	5.719	307.5	11.04	9.95	65	63.34	18.17	15.16	0	0	26.08	2.302	-0.006	12.52
4/18/2011 7:00	15232	7.757	306.9	9.37	11.74	4.569	305.2	14.78	9.95	63.61	61.64	19.71	17.1	0	0	26.08	2.299	-0.003	14.28
4/18/2011 8:00	15233	6.423	310.8	10.34	9.95	3.333	303.1	17.2	6.368	61.38	59.18	20.88	18.46	0	34.68	26.1	2.296	-0.003	12.82
4/18/2011 9:00	15234	5.633	280.2	24.54	9.95	4.467	278.6	24.14	9.95	65.2	66.04	18.86	14.31	0	232.9	26.13	2.289	-0.006	14.35
4/18/2011 10:00	15235	10.73	273.1	12.16	18.89	8.47	271	14.9	15.31	74.37	75.24	13.75	9.42	0	464.2	26.18	2.26	-0.029	12.9
4/18/2011 11:00	15236	12.67	277.5	14.55	20.68	8.74	274.6	20.94	17.1	80.5	81.8	11.21	6.752	0	681.4	26.24	2.247	-0.013	14.6
4/18/2011 12:00	15237	13.34	273.8	20.18	22.47	9.68	271.6	24.2	17.1	84	85.6	9.75	5.234	0	874	26.26	9.43	7.187	12.93
4/18/2011 13:00	15238	15.45	259.3	16.82	27.84	11.59	256.1	18.16	22.47	86.1	87.8	8.03	3.526	0	1000	26.26	9.43	-0.001	12.87
4/18/2011 14:00	15239	16.94	256.1	19.99	33.21	12.44	254.4	21.52	26.05	87.6	89.5	6.669	2.368	0	1053	26.24	9.39	-0.042	15.03
4/18/2011 15:00	15240	18.29	251.3	14.49	31.42	13.78	249.7	14.74	26.05	88.3	90.2	5.521	1.867	0	1041	26.22	9.33	-0.06	12.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/18/2011 16:00	15241	20.6	241.1	14.76	36.78	15.38	240.7	15.49	27.84	88.9	90.6	5.623	1.827	0	956	26.19	9.23	-0.098	12.88
4/18/2011 17:00	15242	22.78	240.2	12.84	38.57	17.23	241.1	13.6	29.63	89.1	90.4	4.123	1.826	0	808	26.16	9.16	-0.07	12.94
4/18/2011 18:00	15243	23	240.4	13.21	36.78	17.19	240.2	13.8	31.42	88.9	89.8	3.471	1.82	0	616.2	26.14	9.1	-0.063	14.96
4/18/2011 19:00	15244	22.23	244.1	11.95	36.78	16.75	243.9	12.35	33.21	88.2	88.6	3.522	1.82	0	389.6	26.13	9.03	-0.075	13.86
4/18/2011 20:00	15245	20.76	239.6	9.39	33.21	15.53	240.4	10.77	26.05	86.6	86.6	3.883	1.806	0	156.2	26.11	8.99	-0.038	14.69
4/18/2011 21:00	15246	14.98	238.9	8.28	26.05	10.89	239.1	9.23	22.47	82.8	82.2	4.658	1.756	0	7.784	26.11	8.95	-0.038	12.76
4/18/2011 22:00	15247	10.17	237.3	7.77	18.89	6.758	237.4	9.04	13.52	78.33	77.26	5.933	2.155	0	0.003	26.1	8.91	-0.037	12.69
4/18/2011 23:00	15248	6.987	222.3	7.769	9.95	2.937	216.7	10.66	6.368	73.07	69.7	7.615	4.745	0	0	26.09	8.9	-0.013	12.75
4/19/2011 0:00	15249	6.355	225	8.2	9.95	2.071	215.4	11.37	4.578	68.74	64.88	9.18	6.681	0	0	26.07	8.9	-0.003	13.37
4/19/2011 1:00	15250	6.912	245.1	10.01	9.95	3.509	240.8	12.9	6.368	68.28	65.22	9.63	6.832	0	0	26.05	8.89	-0.006	14.37
4/19/2011 2:00	15251	5.24	232.9	12.67	8.16	1.87	222.4	24.03	4.578	65.67	62.23	11.05	8.64	0	0	26.04	8.88	-0.006	12.91
4/19/2011 3:00	15252	6.317	194.1	16.49	11.74	2.184	168.3	13.7	4.578	60.56	56.78	13.98	11.94	0	0	26.03	8.87	-0.01	12.95
4/19/2011 4:00	15253	8.41	216.7	12.55	13.52	4.766	219.9	16.33	9.95	60.95	58.95	14.09	10.86	0	0	26.02	8.87	-0.009	12.57
4/19/2011 5:00	15254	6.629	229.6	17.77	11.74	3.414	232.2	20.32	8.16	59.45	57.92	16	12.63	0	0	26.03	8.85	-0.013	13.47
4/19/2011 6:00	15255	4.374	221.3	16.46	8.16	1.131	193	14.4	4.578	58.51	55.23	17.54	15.3	0	0	26.03	8.85	-0.005	12.81
4/19/2011 7:00	15256	4.404	235.6	33.56	8.16	1.628	182.5	48.25	4.578	57.58	53.58	19.33	17.54	0	0	26.03	8.84	-0.005	12.62
4/19/2011 8:00	15257	5.918	239.1	29.26	11.74	2.678	227	44.58	6.368	60.16	55.91	19.75	18.2	0	38.51	26.04	8.84	-0.006	12.84
4/19/2011 9:00	15258	5.286	225.6	19.04	9.95	3.145	229.3	21.23	8.16	63.86	63.85	19.35	15.6	0	203	26.08	8.83	-0.006	12.93
4/19/2011 10:00	15259	12.36	260.1	19.31	26.05	9.71	258.7	20.37	22.47	74.03	74.77	14.33	10.01	0	469.9	26.14	8.82	-0.012	12.93
4/19/2011 11:00	15260	18.16	269.5	12	27.84	14.58	267.7	13.57	24.26	79.03	79.89	12.43	8.07	0	682.7	26.2	8.8	-0.014	12.72
4/19/2011 12:00	15261	17.16	287.3	15.05	29.63	14.08	287	17.69	24.26	81.7	82.8	11.39	6.861	0	868	26.24	8.78	-0.023	12.84
4/19/2011 13:00	15262	14.71	292.1	20.7	27.84	12.12	291.8	23.55	22.47	84.1	85.6	10.25	5.592	0	993	26.26	8.76	-0.022	12.84
4/19/2011 14:00	15263	13.64	281.2	18.27	26.05	11.24	281.5	21.1	26.05	85.7	87.1	9.27	4.614	0	1056	26.26	8.73	-0.026	12.83
4/19/2011 15:00	15264	12.87	271.6	29.57	34.99	10.59	272.4	30.6	34.99	86.8	88.3	9.15	4.486	0	1033	26.26	8.7	-0.038	12.79
4/19/2011 16:00	15265	10.76	264.9	24.9	26.05	8.74	263.7	26.46	20.68	87.8	89.2	9.28	4.681	0	948	26.25	8.65	-0.041	12.8
4/19/2011 17:00	15266	11.01	265.9	42	18.89	8.8	266.7	43.92	17.1	88.7	90.1	8.51	3.931	0	802	26.23	8.62	-0.035	12.96
4/19/2011 18:00	15267	9.42	260.8	23.45	20.68	7.626	260.9	23.39	18.89	89.6	90.2	8.43	4.111	0	611.9	26.22	8.59	-0.028	12.75
4/19/2011 19:00	15268	10.25	237.1	24.46	20.68	7.85	237.8	24.08	17.1	88.4	88.9	8.27	4.107	0	381.8	26.21	8.55	-0.038	15.02
4/19/2011 20:00	15269	8.95	247.5	12.6	18.89	6.62	247	12.74	15.31	86.4	86.4	7.804	3.899	0	149.1	26.21	8.52	-0.028	12.74
4/19/2011 21:00	15270	4.94	271.1	12.58	8.16	1.899	266.2	23.05	6.368	81.1	78.33	10.72	8.19	0	4.465	26.21	8.51	-0.015	12.76
4/19/2011 22:00	15271	2.37	150.1	34.34	9.95	2.668	102.3	18.62	6.368	75.41	70.34	13.46	12.28	0	0	26.2	8.49	-0.018	12.64
4/19/2011 23:00	15272	3.147	197.6	40.38	6.368	1.186	100.4	26.7	4.578	74.22	68.65	13.85	13.23	0	0	26.2	8.48	-0.007	12.51
4/20/2011 0:00	15273	6.604	226.6	16.31	9.95	2.174	228.4	33.13	6.368	71.42	64.69	14.96	15.09	0	0	26.2	8.48	-0.006	12.56
4/20/2011 1:00	15274	5.7	270.1	27.83	11.74	2.742	304.5	38.95	4.578	69.9	64.38	15.83	15.35	0	0	26.19	8.46	-0.022	12.8
4/20/2011 2:00	15275	4.581	285.2	26.37	8.16	1.57	314.1	44.39	4.578	68.18	61.84	16.92	17.47	0	0	26.18	8.45	-0.003	12.68
4/20/2011 3:00	15276	3.104	290.1	39.18	6.368	1.293	98.7	35.03	4.578	67.76	60.63	16.83	18.08	0	0	26.17	8.44	-0.01	12.52
4/20/2011 4:00	15277	4.073	255.5	32.88	8.16	0.943	224.2	39.09	4.578	61.36	56.62	21	20.76	0	0	26.17	8.44	-0.006	12.4
4/20/2011 5:00	15278	3.67	278.2	19.61	9.95	1.286	326.2	36.56	6.368	63.61	57.75	18.34	19.72	0	0	26.17	8.43	-0.009	12.48
4/20/2011 6:00	15279	4.834	277.1	15.03	8.16	1.669	314	17.52	4.578	65.48	60.26	16.37	16.84	0	0	26.16	8.42	-0.007	12.43
4/20/2011 7:00	15280	3.794	169.4	55.29	6.368	2.382	88.3	37.24	4.578	65.25	59.12	15.71	17.3	0	0	26.17	8.42	-0.003	13.48
4/20/2011 8:00	15281	10.61	58.09	21.91	20.68	6.357	57.56	22.73	15.31	61.18	60.01	30.86	27.31	0	21.35	26.21	8.41	-0.006	14.36
4/20/2011 9:00	15282	14.73	76.81	9.56	20.68	8.99	73	18.09	17.1	57.51	58.48	50.96	45.22	0	224.7	26.25	8.4	-0.013	12.57
4/20/2011 10:00	15283	14.96	81.7	10.71	22.47	9.33	79.09	19.85	17.1	60.77	62.72	51.47	44.88	0	466	26.28	8.39	-0.006	12.61
4/20/2011 11:00	15284	12.24	88	13.28	20.68	8.18	86.7	23	15.31	64.8	67.55	45.77	38.89	0	679.7	26.34	8.38	-0.009	14.51
4/20/2011 12:00	15285	10.76	70.51	16.7	17.1	6.937	66.5	23.58	13.52	69.79	72.89	38.53	31.77	0	867	26.38	8.37	-0.01	12.85

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/20/2011 13:00	15286	9.3	69.21	18.74	17.1	6.168	64.99	25.94	13.52	74.23	77.41	31.65	25.46	0	989	26.41	8.36	-0.011	12.87
4/20/2011 14:00	15287	8.24	72.42	30.32	15.31	5.608	66.24	36.16	13.52	78.85	81.9	25.13	19.56	0	1037	26.41	8.34	-0.019	13.53
4/20/2011 15:00	15288	8.29	81	27.43	17.1	5.588	77.68	35.48	13.52	81.9	85.2	21.83	16.4	0	1024	26.41	8.33	-0.017	13.05
4/20/2011 16:00	15289	9.35	84.5	25.91	20.68	6.483	79.98	34.11	15.31	84.1	87.2	19.21	14	0	938	26.4	8.31	-0.019	12.9
4/20/2011 17:00	15290	10.23	73.56	27.67	20.68	6.789	68.94	34.07	15.31	84.4	87.2	18.52	13.46	0	786.3	26.38	8.28	-0.028	12.96
4/20/2011 18:00	15291	12.92	65.66	18.17	22.47	8.08	62.47	23.69	18.89	84.1	86.2	19	14.17	0	595.2	26.35	8.25	-0.028	12.86
4/20/2011 19:00	15292	13.39	82.4	14.14	22.47	8.36	79.24	22.73	17.1	83.1	84.7	19.73	15.17	0	375.5	26.33	8.22	-0.034	12.82
4/20/2011 20:00	15293	16.84	80.8	10.77	24.26	10.16	77.25	19.81	20.68	79.97	80.5	22.98	18.86	0	140.1	26.32	8.17	-0.051	12.81
4/20/2011 21:00	15294	19.92	88.4	8.58	33.21	11.99	86.1	18.59	24.26	75.08	74.82	28.1	24.35	0	6.613	26.32	8.14	-0.027	12.7
4/20/2011 22:00	15295	19.77	95.1	9.51	38.57	12.64	93.8	19.05	24.26	69.74	69.52	35.42	31.51	0	0	26.32	8.12	-0.019	14.13
4/20/2011 23:00	15296	16.73	88.7	8.74	27.84	9.99	86.5	18.49	18.89	65.77	65.51	42.22	38.29	0	0	26.32	8.1	-0.017	12.88
4/21/2011 0:00	15297	13.75	89.8	9.12	24.26	8.31	87.7	19.03	18.89	62.32	62.05	47.91	43.95	0	0	26.31	8.09	-0.015	12.78
4/21/2011 1:00	15298	11.38	86.3	11.19	49.31	6.883	83.8	20.04	27.84	59.67	59.4	53.31	49.31	0	0	26.31	8.08	-0.01	12.56
4/21/2011 2:00	15299	8.72	73.62	9.71	15.31	5.483	70.7	17.71	9.95	57.53	57.32	58.28	54.15	0	0	26.3	8.07	-0.01	12.68
4/21/2011 3:00	15300	8.04	65.66	10.64	11.74	4.955	63.57	17.4	9.95	55.91	55.86	61.74	57.29	0	0	26.29	8.06	-0.006	12.45
4/21/2011 4:00	15301	11.1	70.05	9.5	17.1	7.085	66.35	16.92	13.52	55.4	55.58	63.46	58.63	0	0	26.27	8.06	-0.006	14.34
4/21/2011 5:00	15302	12.2	77.33	9.45	18.89	7.548	73.14	18.01	13.52	54.57	54.57	65.73	61.15	0	0	26.25	8.05	-0.003	12.33
4/21/2011 6:00	15303	11.3	77.5	9.52	18.89	6.711	74.45	18.34	13.52	54.45	54.54	66.36	61.64	0	0	26.23	8.05	-0.006	12.77
4/21/2011 7:00	15304	10.5	81.4	10.2	17.1	6.184	77.91	19.34	11.74	55.05	55.17	65.94	61.24	0	0.001	26.23	8.04	-0.003	13.77
4/21/2011 8:00	15305	7.686	81	10.24	15.31	4.589	76.71	18.45	11.74	54.83	54.79	67.21	62.73	0	34.93	26.23	8.04	-0.007	12.8
4/21/2011 9:00	15306	6.02	104.8	25.55	9.95	4.043	103.5	32.21	8.16	57.65	58.51	67.83	61.96	0	129.6	26.25	8.03	-0.003	12.68
4/21/2011 10:00	15307	6.347	158.4	25.53	11.74	4.271	161.8	31.91	8.16	62.56	63.82	69.37	62.94	0	207.6	26.27	8.03	0	12.89
4/21/2011 11:00	15308	8.48	189.3	19.73	15.31	5.961	194.7	23.96	11.74	68.87	70.65	66.88	59.8	0	495.8	26.3	8.03	-0.006	12.99
4/21/2011 12:00	15309	10.07	206	20.39	18.89	7.237	209.7	23.57	15.31	74.99	77.57	59.63	51.99	0	827	26.34	8.03	-0.001	12.9
4/21/2011 13:00	15310	8.93	214.1	23.58	18.89	6.685	217.7	25.49	15.31	79.18	81.3	48.48	42.21	0	839	26.35	8.02	-0.01	13.48
4/21/2011 14:00	15311	7.571	256.6	38.44	18.89	6.106	257.6	41.37	13.52	84.6	86.2	32.72	27.65	0	916	26.34	8.01	-0.007	13.14
4/21/2011 15:00	15312	10.82	235.6	21.51	22.47	8.5	237.4	23.69	18.89	88.1	89.8	16.83	12.44	0	839	26.32	7.979	-0.032	12.87
4/21/2011 16:00	15313	12.22	218.2	24.56	27.84	8.76	221.2	26.72	20.68	90.5	92.8	11.35	6.825	0	877	26.3	7.953	-0.026	14.24
4/21/2011 17:00	15314	18.23	220.7	16.27	33.21	13.07	222.4	17.34	24.26	90.6	92.5	8.2	3.843	0	668.2	26.27	7.896	-0.057	12.78
4/21/2011 18:00	15315	18.26	237.3	14.18	33.21	13.77	238	14.69	24.26	91.4	92.4	7.412	3.272	0	605.7	26.24	7.82	-0.076	12.9
4/21/2011 19:00	15316	17.63	240.6	12.97	40.36	13.33	240.9	14.68	33.21	91.2	91.7	6.377	2.36	0	387.2	26.22	7.78	-0.041	12.75
4/21/2011 20:00	15317	17.13	236.7	10.17	31.42	12.76	237.4	11.44	24.26	89.8	89.8	6.671	2.726	0	170.9	26.21	7.748	-0.031	12.98
4/21/2011 21:00	15318	12.53	246.8	8.62	24.26	9.2	246.8	9.73	18.89	85.4	84.7	8.03	4.335	0	10.11	26.2	7.717	-0.032	14.16
4/21/2011 22:00	15319	10.57	245.4	8.64	17.1	7.274	245.2	9.16	13.52	80.6	79.44	9.16	5.665	0	0.005	26.19	7.696	-0.021	12.83
4/21/2011 23:00	15320	11.28	202	15.09	26.05	6.636	203.5	18.35	20.68	76.1	74.61	19.96	16.37	0	0.001	26.19	7.677	-0.019	13.08
4/22/2011 0:00	15321	15.31	204.4	9.98	27.84	9.94	208.1	14.16	22.47	74.99	74.46	57.73	54.36	0	0	26.18	7.671	-0.006	12.82
4/22/2011 1:00	15322	10.18	198.1	10.41	24.26	6.236	200.6	15.73	15.31	71.33	70.53	65.36	62.39	0	0	26.18	7.645	-0.025	12.69
4/22/2011 2:00	15323	6.071	182.4	8.77	9.95	2.366	177.7	16.42	6.368	66.59	64.42	70.3	69.53	0	0	26.17	7.641	-0.004	12.75
4/22/2011 3:00	15324	5.439	200.9	13.17	9.95	1.86	193.6	15.85	6.368	64.79	62.24	71.79	71.61	0	0	26.15	7.638	-0.003	12.72
4/22/2011 4:00	15325	3.877	188.6	28.38	8.16	0.86	177.8	32.29	4.578	62.89	60.58	75.5	74.73	0	0	26.13	7.635	-0.003	12.83
4/22/2011 5:00	15326	4.083	248	23.21	8.16	1.291	276.5	18.08	6.368	61.74	58.78	78.41	77.18	0	0	26.13	7.632	-0.003	12.79
4/22/2011 6:00	15327	3.687	216.3	47.44	11.74	1.599	254.3	59.14	6.368	59.74	57.71	83.2	80.7	0	0	26.11	7.629	-0.003	12.71
4/22/2011 7:00	15328	5.613	219.7	62.56	11.74	3.292	239.5	70.26	8.16	60.8	58.93	84.7	81.9	0	0.077	26.12	7.629	0	12.83
4/22/2011 8:00	15329	8.93	186.4	12.05	17.1	4.949	190.3	18.89	11.74	61.99	61.11	85.7	82.2	0	54.31	26.14	7.622	-0.006	13.02
4/22/2011 9:00	15330	9.31	197.8	10.08	15.31	6.116	200.6	15.41	11.74	65.25	66.34	74.74	69.18	0	268.8	26.17	7.622	0	12.9

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/22/2011 10:00	15331	12.1	212.9	10.85	20.68	8.45	215.1	14.23	15.31	72.89	74.32	41.84	37.39	0	500.8	26.2	7.611	-0.012	12.97
4/22/2011 11:00	15332	19.7	255.9	16.97	33.21	15.35	255.8	17.65	26.05	81	81.9	15.46	11.78	0	704.2	26.25	7.584	-0.027	13.06
4/22/2011 12:00	15333	20.1	262	13.29	33.21	15.92	261.1	14.24	27.84	82.9	84.1	11.29	7.282	0	885	26.27	7.539	-0.045	13.12
4/22/2011 13:00	15334	18.11	260	16.35	31.42	14.46	259.8	17.23	27.84	85.6	87	8.78	4.608	0	998	26.27	7.513	-0.026	14.56
4/22/2011 14:00	15335	17.01	262.3	17.61	29.63	13.69	261.8	18.56	24.26	87.3	88.8	5.775	2.105	0	1048	26.26	7.481	-0.032	12.83
4/22/2011 15:00	15336	17.62	243.4	15.49	31.42	13.67	243.6	16.58	24.26	88.5	90.4	4.487	1.818	0	1033	26.24	7.428	-0.054	12.82
4/22/2011 16:00	15337	16.74	246.9	16.85	34.99	13.13	246.4	18.03	29.63	89.7	91.2	5.253	1.827	0	943	26.23	7.367	-0.061	14.81
4/22/2011 17:00	15338	16.35	244	14.09	29.63	12.82	244.3	14.92	22.47	90.2	91.6	6.098	1.939	0	791.6	26.21	7.323	-0.044	14.51
4/22/2011 18:00	15339	16.42	252.2	14.51	27.84	12.86	252.3	14.9	22.47	90.4	91.2	6.186	2.08	0	597.5	26.19	7.282	-0.041	15.03
4/22/2011 19:00	15340	19.12	241.6	10.75	31.42	14.56	241.9	12.01	26.05	89.1	89.6	5.908	1.873	0	379.4	26.18	7.231	-0.05	13.4
4/22/2011 20:00	15341	17.61	235.9	11.2	27.84	13.02	236.8	12.26	24.26	87.4	87.4	6.296	2.302	0	159.6	26.17	7.194	-0.037	13.83
4/22/2011 21:00	15342	13.02	230	8.23	24.26	9.05	230.9	10.43	18.89	83.3	82.5	7.969	4.193	0	8.01	26.17	7.143	-0.051	12.78
4/22/2011 22:00	15343	8.88	244.5	12.49	15.31	5.935	244.7	13.27	11.74	79	77.86	10.2	6.704	0	0.001	26.16	7.125	-0.018	12.74
4/22/2011 23:00	15344	7.675	253.5	10.83	13.52	4.633	252	11.14	9.95	76.06	74.33	11.69	8.65	0	0	26.16	7.106	-0.019	12.81
4/23/2011 0:00	15345	5.666	264.6	26.02	9.95	2.5	264.3	33.51	6.368	72.72	69.61	13.5	11.31	0	0	26.14	7.097	-0.009	13.04
4/23/2011 1:00	15346	4.075	220.6	16.88	8.16	1.411	163.5	18.35	4.578	68.21	63.53	15.89	14.84	0	0	26.12	7.093	-0.004	12.8
4/23/2011 2:00	15347	3.49	233.1	15.8	8.16	0.596	283.8	27.56	4.578	64.64	60.92	17.85	16.48	0	0	26.1	7.087	-0.006	12.72
4/23/2011 3:00	15348	3.837	187.3	41.41	17.1	1.551	137.2	48.37	9.95	63.57	60.13	22.95	19.22	0	0	26.09	7.083	-0.003	12.63
4/23/2011 4:00	15349	3.719	223.2	20.87	6.368	0.285	199.8	19.1	4.578	62.71	58.47	44.04	35.07	0	0	26.09	7.071	-0.013	12.63
4/23/2011 5:00	15350	2.734	210	30.02	8.16	1.034	130.2	44.85	4.578	60.59	57.96	64.01	57.72	0	0	26.09	7.071	0	12.63
4/23/2011 6:00	15351	2.83	195.3	21.37	4.578	1.086	94.8	9.47	4.578	59.46	56.18	82.9	77.13	0	0	26.09	7.069	-0.003	12.88
4/23/2011 7:00	15352	2.975	214.7	49.62	13.52	1.314	101	32.56	6.368	58.95	55.43	84.9	83.8	0	0.211	26.09	7.067	-0.002	12.84
4/23/2011 8:00	15353	3.23	194.1	41.22	8.16	0.76	291.4	52.09	6.368	62.28	57.94	49.79	56.53	0	43.01	26.11	7.063	-0.004	13.47
4/23/2011 9:00	15354	4.111	245.4	56.06	6.368	2.219	263	56.27	4.578	63.79	62.84	43.68	42.96	0	127	26.14	7.058	-0.004	14.58
4/23/2011 10:00	15355	3.452	191.7	37.16	11.74	2.33	201.4	32.96	9.95	69.88	70.54	34.52	30.9	0	422.3	26.18	7.051	-0.008	12.97
4/23/2011 11:00	15356	6.858	240.1	23.92	17.1	5.391	240.4	25	15.31	79.73	80.6	16.99	13.18	0	645.1	26.24	7.042	-0.008	13
4/23/2011 12:00	15357	10.86	266.4	22.82	22.47	9	265	25.04	20.68	85.8	86.9	11.55	7.527	0	883	26.28	7.019	-0.023	13
4/23/2011 13:00	15358	13.92	267.3	16.37	26.05	11.45	266.5	17.95	22.47	86.4	87.8	10.7	6.456	0	1002	26.29	6.991	-0.028	13.05
4/23/2011 14:00	15359	12.67	260.7	20.04	26.05	10.46	259.8	21.95	20.68	87.3	88.8	9.96	5.641	0	1052	26.28	6.952	-0.039	13.01
4/23/2011 15:00	15360	12.09	255.2	24.26	24.26	9.83	254.8	25.69	20.68	88.7	90.3	9.22	4.842	0	1034	26.27	6.917	-0.035	12.88
4/23/2011 16:00	15361	9.73	237.2	42.89	20.68	7.748	241.8	42.8	18.89	90.3	92	8.32	3.918	0	956	26.25	6.882	-0.035	13.74
4/23/2011 17:00	15362	10	241.1	36.11	20.68	7.95	243	35.54	17.1	90.7	92	6.757	2.475	0	677.2	26.24	6.838	-0.044	12.81
4/23/2011 18:00	15363	10.04	242.8	29.57	24.26	7.72	243.2	32.56	20.68	90.1	91	6.315	2.159	0	525.9	26.22	6.81	-0.029	14.97
4/23/2011 19:00	15364	12.86	233	15.03	22.47	9.42	233.9	16.58	20.68	88.5	89	5.928	1.957	0	270.8	26.22	6.769	-0.04	12.85
4/23/2011 20:00	15365	10.43	240.4	38.13	20.68	7.52	242.2	37.63	18.89	85.8	85.6	8.16	4.194	0	81.5	26.21	6.738	-0.031	12.92
4/23/2011 21:00	15366	11.89	58.59	23.92	22.47	7.382	56.14	28.45	17.1	78.3	78.18	22.47	18.73	0	8.37	26.21	6.713	-0.024	12.79
4/23/2011 22:00	15367	13.46	79.09	9.62	22.47	7.851	75.94	18.72	17.1	73.9	73.67	25.11	21.45	0	0	26.22	6.678	-0.035	14.7
4/23/2011 23:00	15368	12.13	72.15	14.82	22.47	7.294	70.1	21.16	15.31	70.83	70.64	28	24.27	0	0	26.23	6.653	-0.025	12.77
4/24/2011 0:00	15369	13.28	81.4	9.1	22.47	7.9	77.95	19.07	15.31	68.18	67.95	31.27	27.52	0	0	26.21	6.638	-0.015	13.03
4/24/2011 1:00	15370	14.05	71.05	7.979	22.47	8.87	68.89	16.06	17.1	64.29	64.04	35.89	32.09	0	0	26.2	6.63	-0.008	12.69
4/24/2011 2:00	15371	14.44	61.2	9.26	24.26	8.71	60.47	16.54	18.89	61.01	60.81	40.25	36.34	0	0	26.2	6.62	-0.009	12.73
4/24/2011 3:00	15372	14.35	63.97	8.96	20.68	9.05	63.93	15.65	17.1	57.94	57.76	44.81	40.81	0	0	26.17	6.605	-0.016	13.24
4/24/2011 4:00	15373	14.44	55.25	11.06	22.47	8.1	52.67	17.3	18.89	55.86	55.75	49.62	45.49	0	0	26.15	6.595	-0.01	13.05
4/24/2011 5:00	15374	12.67	50.14	9.31	20.68	6.746	46.46	14.6	13.52	53.55	53.48	52.78	48.59	0	0	26.14	6.59	-0.006	12.19
4/24/2011 6:00	15375	11.39	47.09	10.03	18.89	6.262	44.9	14.26	13.52	51.89	51.79	54.1	49.97	0	0	26.13	6.578	-0.011	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/24/2011 7:00	15376	10.58	49.63	12.82	17.1	6.154	49.49	16.69	13.52	51.03	50.93	53.85	49.73	0	0.082	26.12	6.572	-0.006	12.15
4/24/2011 8:00	15377	10.47	21.84	16.88	18.89	7.556	22.78	18.73	13.52	50.73	50.92	52.91	48.34	0	58.46	26.14	6.562	-0.01	12.3
4/24/2011 9:00	15378	9.67	26.31	11.65	15.31	6.699	28.05	13.38	13.52	54.22	54.98	49.3	44.15	0	253.6	26.16	6.551	-0.011	13.05
4/24/2011 10:00	15379	7.866	19.5	15.88	13.52	5.945	19.08	19.21	11.74	59.15	60.28	46.7	41.24	0	504.9	26.2	6.544	-0.007	14.3
4/24/2011 11:00	15380	5.974	31.41	24.81	11.74	4.462	27.92	25.56	11.74	63.95	65.13	44.3	38.96	0	575.8	26.24	6.53	-0.015	13.12
4/24/2011 12:00	15381	3.905	46.15	37.53	8.16	2.934	35.81	42.23	6.368	70.89	71.86	38.07	33.71	0	844	26.27	6.52	-0.01	12.97
4/24/2011 13:00	15382	5.637	306.3	55.67	15.31	4.795	309.4	57.46	13.52	77.46	78.41	28.82	24.31	0	1006	26.29	6.509	-0.011	13.17
4/24/2011 14:00	15383	12.01	260.2	25.81	33.21	9.84	260.8	27.82	26.05	80.4	82.1	20.16	15.45	0	1050	26.28	6.481	-0.029	13.04
4/24/2011 15:00	15384	13.3	235.6	21.48	51.1	10.32	237.5	24.22	45.73	82.8	84.6	16.69	12.02	0	1026	26.26	6.42	-0.061	12.85
4/24/2011 16:00	15385	18.58	245.1	18.48	33.21	14.32	245.8	18.96	27.84	84.2	85.9	12.09	7.639	0	943	26.23	6.392	-0.028	14.58
4/24/2011 17:00	15386	23.23	234.8	16.38	40.36	17.16	235.8	16.95	31.42	85.2	86.9	10.29	5.876	0	789.3	26.19	6.344	-0.047	12.9
4/24/2011 18:00	15387	23.05	241.2	14.06	42.15	17.44	241.9	14.9	31.42	85.3	86.3	8.86	4.685	0	596.1	26.17	6.294	-0.051	13.59
4/24/2011 19:00	15388	22.42	240.4	11.85	36.78	16.98	241.6	12.94	29.63	83.9	84.4	8.32	4.223	0	373.1	26.16	6.227	-0.066	12.85
4/24/2011 20:00	15389	19.8	238.8	10.98	31.42	15	239.4	11.59	27.84	81.9	82	9.4	5.445	0	133.8	26.15	6.199	-0.029	12.85
4/24/2011 21:00	15390	13.42	244.4	9.25	26.05	9.86	243.9	10.05	20.68	78.59	78.15	10.47	6.68	0	5.751	26.15	6.174	-0.024	13.11
4/24/2011 22:00	15391	5.672	244.9	6.401	9.95	2.303	246.6	11.65	8.16	73.44	70.93	12.84	10.44	0	0.001	26.14	6.168	-0.006	12.85
4/24/2011 23:00	15392	2.318	234.4	23.44	4.578	0.288	88.5	14.93	2.789	69.76	66.3	14.64	13.07	0	0	26.11	6.164	-0.004	12.86
4/25/2011 0:00	15393	3.467	293.5	18.46	8.16	0.857	315.2	20.86	4.578	68.73	62.9	15.57	16.32	0	0	26.09	6.161	-0.003	12.64
4/25/2011 1:00	15394	6.742	216.4	16.39	13.52	3.396	200.8	24.4	8.16	66.91	60.95	16.59	16.82	0	0	26.07	6.151	-0.01	14.27
4/25/2011 2:00	15395	3.395	186.7	44.64	8.16	1.693	123.1	50.21	4.578	63.18	59.66	19	17.71	0	0	26.07	6.145	-0.006	14.51
4/25/2011 3:00	15396	5.468	236.1	18.78	9.95	2.245	257.4	24.46	4.578	60.72	57.6	21.08	19.52	0	0	26.06	6.139	-0.006	12.2
4/25/2011 4:00	15397	6.276	229	6.985	9.95	2.019	246.3	13.93	4.578	58.54	55.02	22.68	21.9	0	0	26.05	6.136	-0.002	12.42
4/25/2011 5:00	15398	5.127	245.8	10.99	8.16	1.216	221.7	25.27	4.578	57.72	53.71	23.65	23.04	0	0	26.04	6.134	-0.002	12.34
4/25/2011 6:00	15399	8.75	262.6	12.11	17.1	5.521	256.1	14.85	15.31	62.54	59.85	21.38	19.61	0	0	26.03	6.124	-0.01	14.91
4/25/2011 7:00	15400	13.02	254	19.19	29.63	9.43	253	19.98	22.47	66.1	65.03	20.1	16.92	0	0.13	26.06	6.113	-0.011	14.61
4/25/2011 8:00	15401	13.65	257	11.42	26.05	10.34	256.2	11.48	20.68	67	66.55	21.96	18.31	0	54.5	26.09	6.097	-0.016	12.91
4/25/2011 9:00	15402	14.36	268.6	23.76	24.26	11.39	268.5	25.01	20.68	68.63	68.9	23.08	19.01	0	256.4	26.12	6.074	-0.024	12.84
4/25/2011 10:00	15403	13.45	308.8	12.74	24.26	11.21	312.1	14.51	20.68	69.45	70.16	21.05	16.62	0	481.5	26.15	6.054	-0.019	13.51
4/25/2011 11:00	15404	18.06	292.4	13.32	31.42	14.75	293.6	16.42	26.05	72.29	73.24	18.41	13.92	0	677.3	26.17	6.032	-0.022	12.82
4/25/2011 12:00	15405	14.36	301.1	18.3	26.05	11.52	303.5	21.58	22.47	74.16	75.55	16.25	11.52	0	858	26.19	6.012	-0.02	12.78
4/25/2011 13:00	15406	14.09	282	22.09	27.84	11.41	282	26.07	20.68	75.64	77.17	14.83	10.08	0	991	26.19	5.987	-0.026	12.81
4/25/2011 14:00	15407	17.34	282.8	14.53	31.42	14.2	281.7	17.25	26.05	77.21	78.92	11.54	6.798	0	1038	26.17	5.942	-0.044	14.57
4/25/2011 15:00	15408	18.92	285.7	20.06	33.21	15.49	285.4	22.18	27.84	78.94	80.7	10.51	5.784	0	1056	26.16	5.891	-0.051	13.14
4/25/2011 16:00	15409	18.88	289.9	14.88	34.99	15.51	290.8	17.36	29.63	80	81.6	9.68	5.004	0	967	26.15	5.844	-0.048	12.97
4/25/2011 17:00	15410	19.38	285	15.17	34.99	15.7	285.3	17.96	34.99	80.9	82.3	8.81	4.234	0	814	26.12	5.809	-0.035	13.99
4/25/2011 18:00	15411	18.13	289.6	16.2	29.63	14.64	289.9	19.07	26.05	81.9	82.9	7.899	3.474	0	617	26.11	5.774	-0.035	12.92
4/25/2011 19:00	15412	15.74	305.1	17.79	38.57	12.94	307.1	19.64	33.21	81.9	82.5	8.08	3.772	0	389.4	26.11	5.742	-0.032	13.08
4/25/2011 20:00	15413	11.56	297.6	13.31	22.47	9.14	299.3	15.63	18.89	80.9	81	8.31	4.175	0	161.1	26.1	5.723	-0.019	12.93
4/25/2011 21:00	15414	7.053	312.2	22.74	15.31	4.472	315.2	25.54	11.74	76.82	74.92	9.82	6.615	0	8.68	26.08	5.689	-0.034	12.86
4/25/2011 22:00	15415	1.607	128	54.54	4.578	2.453	106.9	39.72	4.578	71.86	66.34	12.16	11.42	0	0	26.06	5.684	-0.005	12.86
4/25/2011 23:00	15416	3.214	228.2	73.68	11.74	1.904	98.5	51.79	8.16	69.32	62.95	12.97	12.95	0	0	26.04	5.676	-0.009	13.75
4/26/2011 0:00	15417	4.225	284.2	41.67	9.95	1.689	319	65.41	8.16	66.58	60.73	14.85	14.25	0	0	26.02	5.669	-0.006	12.16
4/26/2011 1:00	15418	5.209	305	33.2	15.31	2.866	302.9	47.18	11.74	67.34	63.51	15.57	13.74	0	0	26	5.663	-0.006	12.53
4/26/2011 2:00	15419	3.41	191.1	48.89	8.16	1.829	117.9	47.04	6.368	64.51	60.25	18.69	17.45	0	0	25.99	5.657	-0.006	12.29
4/26/2011 3:00	15420	6.786	88	31.63	13.52	4.247	77.93	26.91	9.95	60.72	56.9	22.14	20.78	0	0	25.97	5.653	-0.003	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/26/2011 4:00	15421	6.612	87.1	21.89	11.74	3.891	75.44	30.62	8.16	55.81	54.05	32.11	29.12	0	0	25.95	5.648	-0.006	12.98
4/26/2011 5:00	15422	7.244	70.67	18.71	11.74	4.244	67.95	22.67	8.16	53.27	52.33	44.54	40.93	0	0	25.93	5.643	-0.005	12.28
4/26/2011 6:00	15423	7.159	75.22	9.53	9.95	3.913	69.87	16.81	6.368	51.37	49.87	52.02	49.14	0	0	25.92	5.636	-0.006	12.32
4/26/2011 7:00	15424	6.253	79.14	18.13	9.95	3.414	69.39	21.74	6.368	50.5	48.97	56.83	54.27	0	0.147	25.91	5.633	-0.003	12.83
4/26/2011 8:00	15425	1.862	90.4	66.88	8.16	1.01	351.5	51.3	8.16	50.63	47.99	56.12	54.91	0	61.42	25.9	5.63	-0.003	12.66
4/26/2011 9:00	15426	3.279	244.1	44.84	6.368	2.16	238.9	44.54	6.368	58.82	60.04	37.59	33.48	0	274.9	25.91	5.622	-0.008	12.89
4/26/2011 10:00	15427	12.75	260.6	24.16	27.84	10.13	259.9	24.1	24.26	70.59	71.5	17.81	13.9	0	504.8	25.96	5.605	-0.018	12.96
4/26/2011 11:00	15428	21.93	272.8	12.25	40.36	17.39	272	13.54	31.42	75.28	76.24	13.65	9.56	0	712.4	26.01	5.579	-0.026	12.84
4/26/2011 12:00	15429	20.08	270.9	17.68	33.21	16.13	270.5	18.91	31.42	76.8	78.03	12.91	8.64	0	885	26.02	5.543	-0.036	12.84
4/26/2011 13:00	15430	17.81	271.7	16.89	31.42	14.3	270.8	17.99	27.84	78.68	80.3	11.39	6.93	0	1022	26.01	5.524	-0.019	14.2
4/26/2011 14:00	15431	18.77	274.1	17.13	33.21	15.27	273.9	18.71	27.84	80.3	82	10.55	6.036	0	1069	26	5.467	-0.057	12.85
4/26/2011 15:00	15432	20.06	257.8	18.6	40.36	15.84	257.9	18.74	31.42	81.4	83	10.44	5.982	0	1041	25.98	5.416	-0.051	14.79
4/26/2011 16:00	15433	23.49	265.8	17.73	42.15	18.53	265.1	18.81	34.99	81.9	83.4	9.48	5.011	0	954	25.96	5.362	-0.054	13.02
4/26/2011 17:00	15434	24.32	268.4	15.77	45.73	19.28	267.9	16.88	36.78	82.8	84.1	9.43	5.027	0	802	25.93	5.324	-0.038	12.89
4/26/2011 18:00	15435	25.63	272	14.13	47.52	20.09	270.9	15.11	40.36	83.9	84.8	8.79	4.556	0	581.3	25.91	5.245	-0.079	13.05
4/26/2011 19:00	15436	25.42	270.1	12.71	45.73	19.92	269.1	13.49	40.36	84	84.4	7.493	3.369	0	340.3	25.89	5.223	-0.022	12.89
4/26/2011 20:00	15437	22.88	267.5	11.25	36.78	17.96	266.2	12.09	34.99	83.1	83.2	6.885	2.843	0	119	25.89	5.204	-0.019	14.55
4/26/2011 21:00	15438	19.78	302.3	32.18	38.57	15.72	302.4	34.21	29.63	79.36	79.15	6.222	2.755	0	6.579	25.92	5.173	-0.031	12.9
4/26/2011 22:00	15439	12.29	322.8	7.953	24.26	9.53	324.7	8.9	18.89	73.54	73.08	4.873	1.717	0	0.005	25.96	5.163	-0.009	12.91
4/26/2011 23:00	15440	8.74	341.4	8.75	13.52	6.16	342.8	11	11.74	68.68	67.92	8.91	5.11	0	0.001	25.98	5.154	-0.009	12.88
4/27/2011 0:00	15441	11.15	344.2	10.08	22.47	8.27	345.1	11.87	17.1	66.37	65.78	15.92	11.95	0	0	26	5.143	-0.011	14.63
4/27/2011 1:00	15442	10.32	346.9	9.35	24.26	7.474	346.4	11.78	22.47	62.92	62.46	19.92	15.94	0	0	26.01	5.127	-0.016	12.7
4/27/2011 2:00	15443	14.22	343.5	10.72	24.26	11.15	342.4	12.24	18.89	60.32	60.04	24.64	20.58	0	0	26.03	5.114	-0.013	12.59
4/27/2011 3:00	15444	19.13	344.7	9.56	38.57	14.86	344.2	11.43	31.42	58.79	58.62	26.1	22.05	0	0	26.03	5.095	-0.019	12.72
4/27/2011 4:00	15445	19.06	338.8	8.41	31.42	15.28	339	10.03	27.84	56.64	56.46	26.05	22.01	0	0	26.04	5.083	-0.013	12.24
4/27/2011 5:00	15446	23.61	337.9	7.909	40.36	19.03	338.2	9.89	34.99	55.34	55.12	20.6	16.69	0	0	26.04	5.061	-0.022	12.8
4/27/2011 6:00	15447	28.99	334.8	7.701	43.94	23.52	335.4	9.57	38.57	54.52	54.33	17.78	13.74	0	0	26.06	5.026	-0.034	12.63
4/27/2011 7:00	15448	27.31	329.5	8.37	43.94	21.99	330.9	9.84	36.78	53.12	52.95	17.78	13.66	0	0.274	26.09	5.011	-0.015	12.69
4/27/2011 8:00	15449	25.76	324.9	8.57	42.15	20.67	326.2	9.82	36.78	52.59	52.48	17.45	13.26	0	75.24	26.11	4.995	-0.016	12.6
4/27/2011 9:00	15450	28.11	329	8.31	42.15	22.55	330.3	9.92	36.78	53.66	54.19	15.62	11.07	0	298	26.16	4.975	-0.02	12.72
4/27/2011 10:00	15451	25.59	330.9	8.33	38.57	20.87	331.6	9.92	33.21	55.63	56.63	15.11	10.31	0	531.4	26.21	4.962	-0.013	13
4/27/2011 11:00	15452	22.29	334.2	10.09	36.78	18.26	334.5	11.46	31.42	58.02	59.44	17.6	12.5	0	743.8	26.25	4.956	-0.006	12.97
4/27/2011 12:00	15453	19.73	332.6	14.88	31.42	16.02	332.5	15.6	27.84	60.62	62.43	20.92	15.47	0	928	26.3	4.929	-0.027	14.53
4/27/2011 13:00	15454	17.62	328.3	17.03	31.42	14.44	328.7	17.5	26.05	63.05	64.96	18.71	13.34	0	1047	26.33	4.881	-0.048	12.66
4/27/2011 14:00	15455	15.9	329.7	21.14	33.21	13.08	329.9	22.05	27.84	65.84	67.76	16.92	11.64	0	1094	26.34	4.856	-0.025	12.96
4/27/2011 15:00	15456	12.52	333.4	30.6	27.84	10.35	333.5	32.41	24.26	67.96	69.73	15.7	10.52	0	1074	26.35	4.853	-0.003	12.83
4/27/2011 16:00	15457	11.63	338.5	34.92	22.47	9.32	339	36.66	22.47	70.06	71.69	15.49	10.42	0	983	26.35	4.833	-0.019	12.83
4/27/2011 17:00	15458	10.65	327.3	39.22	22.47	8.77	327.7	41.78	22.47	71.17	72.57	14.28	9.39	0	832	26.35	4.808	-0.026	12.89
4/27/2011 18:00	15459	7.806	343.1	40.77	17.1	6.181	342	41.05	13.52	72.64	73.39	12.88	8.34	0	637.4	26.35	4.792	-0.016	13.02
4/27/2011 19:00	15460	7.793	324.3	33.69	15.31	6.315	325.1	36.78	13.52	72.59	73.25	9.94	5.478	0	413	26.36	4.764	-0.028	12.89
4/27/2011 20:00	15461	6.872	312.4	19.34	13.52	5.584	313.9	22.18	11.74	71.74	72.02	8.59	4.324	0	184.2	26.37	4.755	-0.009	13.04
4/27/2011 21:00	15462	5.467	30.8	43.61	9.95	3.124	32.7	49.82	6.368	67.9	66.28	11.11	7.453	0	11.58	26.36	4.716	-0.038	12.95
4/27/2011 22:00	15463	8.38	76.48	14.63	17.1	4.468	75.11	19.86	13.52	61.71	59.37	21.71	18.76	0	0	26.36	4.705	-0.011	12.87
4/27/2011 23:00	15464	10.02	89.7	8.55	17.1	5.675	88.8	17.16	9.95	57.46	56.66	32.51	28.81	0	0	26.36	4.699	-0.006	14.49
4/28/2011 0:00	15465	8.27	89.6	7.904	13.52	4.363	89.7	17.11	9.95	53.75	52.58	38.83	35.57	0	0	26.36	4.69	-0.009	13.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/28/2011 1:00	15466	7.627	97.9	7.524	17.1	4.235	93.2	16.62	8.16	52.38	50.92	42.06	39.3	0	0	26.35	4.688	-0.002	12.63
4/28/2011 2:00	15467	8.14	94.8	8.14	11.74	4.711	91.3	16.34	8.16	51.05	49.9	44.53	41.58	0	0	26.35	4.682	-0.006	12.73
4/28/2011 3:00	15468	7.937	88.1	7.849	11.74	4.36	85.9	16.53	8.16	48.95	47.95	47.58	44.42	0	0	26.35	4.675	-0.006	12.65
4/28/2011 4:00	15469	7.25	77.49	10.49	9.95	3.88	73.11	17.3	6.368	46.5	45.44	52.31	49.04	0	0	26.35	4.672	-0.003	13.06
4/28/2011 5:00	15470	5.88	62.21	13.17	9.95	3.059	63.63	17.58	6.368	44.98	43.91	55.44	52.2	0	0	26.36	4.669	-0.003	12.5
4/28/2011 6:00	15471	6.324	42.96	11.07	11.74	3.256	42.09	13.89	8.16	44.03	43.53	57.66	53.52	0	0	26.37	4.666	-0.003	12.47
4/28/2011 7:00	15472	8.24	36.31	10.27	13.52	4.325	38.22	13.35	9.95	43.05	42.83	61.38	56.91	0	0.351	26.38	4.663	-0.003	12.43
4/28/2011 8:00	15473	6.837	57.13	14.67	9.95	3.956	57.22	18.48	8.16	45.16	44.94	61.67	57.17	0	68.35	26.41	4.653	-0.01	13.04
4/28/2011 9:00	15474	9.29	108.5	19.22	17.1	5.943	106.6	27.52	13.52	51.86	53.6	56.84	50.41	0	283.3	26.44	4.65	-0.003	12.97
4/28/2011 10:00	15475	11.22	134.4	13.62	17.1	7.276	137	22.94	13.52	57.27	59.89	50.17	43.49	0	511.8	26.49	4.642	-0.008	12.9
4/28/2011 11:00	15476	11.6	135.8	14.95	18.89	7.409	138.1	24.27	13.52	62.12	65.32	39.15	32.82	0	721.4	26.53	4.634	-0.008	12.88
4/28/2011 12:00	15477	12.23	154.1	16.91	20.68	7.868	159.6	23.73	17.1	66.3	69.76	33.96	27.63	0	904	26.56	4.625	-0.01	13.16
4/28/2011 13:00	15478	10.95	161.3	22.84	20.68	7.481	166.4	29.14	15.31	69.17	72.81	30.23	24.06	0	1021	26.57	4.608	-0.016	14.74
4/28/2011 14:00	15479	10.14	161	24.26	22.47	6.86	164.8	32.24	17.1	72.74	76.44	24.16	18.47	0	1071	26.56	4.595	-0.013	12.96
4/28/2011 15:00	15480	11.37	144.7	25.37	22.47	7.479	148.8	32.94	15.31	75.89	79.91	19.03	13.57	0	1052	26.54	4.573	-0.023	12.98
4/28/2011 16:00	15481	10.16	169.7	38	22.47	7.142	174.3	40.22	17.1	78.77	82	15.12	10.07	0	963	26.51	4.541	-0.032	12.83
4/28/2011 17:00	15482	9.28	184.6	33.55	22.47	6.558	187.4	37.65	18.89	80.5	83.1	13.59	8.81	0	813	26.48	4.509	-0.032	15.1
4/28/2011 18:00	15483	10.45	197.9	27	20.68	7.386	203.1	28.3	15.31	80.8	82.6	12.31	7.789	0	617.9	26.46	4.462	-0.047	12.86
4/28/2011 19:00	15484	10.22	189.4	21.84	18.89	6.923	193.1	25.96	13.52	80.5	81.9	12.88	8.55	0	394.5	26.43	4.434	-0.028	14.9
4/28/2011 20:00	15485	9.05	185.1	15.09	18.89	5.615	187.7	20.68	13.52	79.53	79.92	13	9.21	0	149.1	26.41	4.418	-0.016	12.81
4/28/2011 21:00	15486	7.707	154.9	11.45	9.95	3.372	146.7	22.31	6.368	74.02	71.44	16.41	14.21	0	13.3	26.38	4.406	-0.012	13.14
4/28/2011 22:00	15487	8.61	146.4	7.599	11.74	3.622	140.7	17.24	6.368	68.87	65.58	20.31	18.51	0	0	26.35	4.4	-0.006	12.82
4/28/2011 23:00	15488	10.53	153.9	7.72	17.1	5.487	155.1	16.03	11.74	67.94	66.25	24.38	21.52	0	0	26.33	4.395	-0.006	14.54
4/29/2011 0:00	15489	9.48	152.3	8.03	15.31	4.944	152.9	15.63	9.95	65.75	64.46	28.9	25.94	0	0	26.32	4.382	-0.013	12.64
4/29/2011 1:00	15490	7.467	158.5	7.579	17.1	3.448	158.1	15.83	6.368	62.62	60.61	34.03	31.79	0	0	26.31	4.372	-0.01	13.65
4/29/2011 2:00	15491	8.86	154.9	7.662	17.1	4.321	150	17.53	9.95	62.23	59.76	38.01	36.4	0	0	26.27	4.366	-0.006	14.2
4/29/2011 3:00	15492	10.73	167.5	10.83	17.1	6.1	169.5	17.89	13.52	63.53	62.3	38.26	35.53	0	0	26.24	4.357	-0.01	12.59
4/29/2011 4:00	15493	13.46	176.7	9.22	22.47	7.909	180.3	16.93	17.1	62.94	62.1	39.28	36.15	0	0	26.21	4.35	-0.006	12.59
4/29/2011 5:00	15494	13.75	181.8	9.76	24.26	8.17	185.6	17.35	17.1	61.72	60.98	41.13	37.91	0	0	26.19	4.344	-0.006	13.99
4/29/2011 6:00	15495	11.72	189.1	9.21	18.89	7.075	193.5	15.74	15.31	60.38	59.55	43.13	39.99	0	0	26.17	4.338	-0.006	12.51
4/29/2011 7:00	15496	8.56	192.3	8.96	15.31	4.952	197.2	14.77	9.95	58.21	57.06	47.54	44.82	0	0.385	26.16	4.334	-0.003	14.47
4/29/2011 8:00	15497	7.883	199.7	7.345	15.31	4.651	202	12.79	11.74	57.27	56.38	50.96	47.89	0	65.48	26.16	4.331	-0.003	13.12
4/29/2011 9:00	15498	13.71	193.3	9.74	22.47	8.87	197.2	15.46	17.1	61.39	62.3	48.51	43.59	0	274.2	26.17	4.325	-0.006	12.96
4/29/2011 10:00	15499	16.27	192.2	10.06	26.05	10.49	195.9	16.19	18.89	66.49	68.21	42.61	37.14	0	509.2	26.2	4.317	-0.007	12.94
4/29/2011 11:00	15500	16.36	191.8	11.08	24.26	10.79	195.3	16.46	20.68	71.62	73.85	35.85	30.32	0	719.9	26.23	4.308	-0.01	14.63
4/29/2011 12:00	15501	17.35	195.6	10.94	26.05	11.61	199.4	16.76	20.68	76.58	79.28	28.48	23.02	0	904	26.24	4.282	-0.026	12.95
4/29/2011 13:00	15502	18.33	203.7	11.57	29.63	12.44	206.9	15.74	22.47	82	84.9	21.09	15.93	0	1017	26.24	4.256	-0.026	13.56
4/29/2011 14:00	15503	19.02	219.3	18.39	34.99	13.53	221.2	20.03	27.84	88.2	90.7	11.29	6.72	0	1052	26.22	4.205	-0.051	12.93
4/29/2011 15:00	15504	24.28	232.8	12.36	47.52	18.02	234.1	13.6	36.78	92.5	94.4	4.041	2.03	0	1038	26.2	4.129	-0.076	12.94
4/29/2011 16:00	15505	25.29	240.9	12.93	43.94	19.24	241.8	13.71	34.99	94.5	95.9	2.477	1.88	0	949	26.17	4.068	-0.06	12.84
4/29/2011 17:00	15506	28.44	243.5	11.91	49.31	21.71	244.4	12.66	40.36	94.9	96	2.484	1.88	0	806	26.13	4.018	-0.051	14.8
4/29/2011 18:00	15507	27.1	246	11.54	45.73	20.79	246.5	12.58	34.99	94.6	95.3	2.483	1.88	0	612.9	26.11	3.967	-0.051	12.99
4/29/2011 19:00	15508	26.78	242.6	10.85	43.94	20.36	243.2	11.76	38.57	93.6	93.9	2.471	1.873	0	386.8	26.11	3.891	-0.076	12.85
4/29/2011 20:00	15509	23.23	243.9	9.85	42.15	17.62	244.3	10.52	34.99	92.3	92.2	2.454	1.844	0	149	26.09	3.86	-0.032	14.46
4/29/2011 21:00	15510	16.86	242	8.78	31.42	12.51	241.9	9.78	27.84	89.2	88.6	2.413	1.812	0	7.006	26.08	3.841	-0.019	14.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/29/2011 22:00	15511	10.45	241.5	9.01	18.89	7.168	240.4	9.83	15.31	84.6	83.4	2.748	1.77	0	0.03	26.08	3.828	-0.013	12.83
4/29/2011 23:00	15512	8.78	200.4	21.95	17.1	4.476	193.2	28.32	13.52	77.43	74.05	5.329	2.509	0	0.004	26.08	3.819	-0.009	12.68
4/30/2011 0:00	15513	10.67	180	10.87	20.68	5.989	182.5	18.86	15.31	75.72	74.41	30.08	26.81	0	0.001	26.08	3.81	-0.01	15
4/30/2011 1:00	15514	8.08	199.1	25.2	22.47	4.675	202.2	29.91	11.74	71.57	70.33	40.76	38.02	0	0	26.08	3.804	-0.006	13
4/30/2011 2:00	15515	5.547	228.6	24.7	13.52	2.635	243.3	37.62	8.16	68.27	65.99	46.59	44.95	0	0	26.07	3.802	-0.002	12.58
4/30/2011 3:00	15516	6.664	216.2	20.96	11.74	3.262	224.9	31.85	8.16	65.06	63.33	52.25	50.15	0	0	26.06	3.799	-0.003	14.64
4/30/2011 4:00	15517	5.975	237.5	14.02	9.95	2.44	248.9	28.46	6.368	61.56	58.65	56.9	56.55	0	0	26.03	3.795	-0.003	14.56
4/30/2011 5:00	15518	8.02	238.9	13.18	13.52	4.262	241.6	15.73	8.16	62.47	59.39	49.76	50.93	0	0	26.02	3.792	-0.003	12.82
4/30/2011 6:00	15519	9.37	246.8	6.956	13.52	5.485	247.6	9.39	9.95	62.24	60.11	40.25	40.54	0	0	26.03	3.789	-0.003	13.98
4/30/2011 7:00	15520	8.16	269.1	22.11	13.52	4.546	275	27.7	9.95	62.59	60.16	22.55	21.99	0	0.475	26.05	3.786	-0.003	13.56
4/30/2011 8:00	15521	9.82	292.5	14.15	15.31	6.345	297.4	16.5	13.52	66.3	64.01	15.77	14.56	0	81	26.07	3.767	-0.019	13.37
4/30/2011 9:00	15522	10.35	316.9	30.43	27.84	7.919	318.8	29.79	22.47	70.59	70.89	12.69	9.07	0	297.3	26.13	3.756	-0.01	12.73
4/30/2011 10:00	15523	19.08	38.98	11.63	27.84	11.16	37.63	13.26	24.26	62.01	63.09	30.84	25.91	0	521.8	26.18	3.75	-0.007	12.99
4/30/2011 11:00	15524	18.5	40.42	12.26	29.63	10.88	38.48	13.49	20.68	61.61	62.87	32.58	27.62	0	725.3	26.19	3.731	-0.019	14.21
4/30/2011 12:00	15525	17.91	47.98	12.59	27.84	10.39	45.18	16.32	24.26	64.48	66.36	27.71	22.55	0	913	26.21	3.709	-0.022	12.69
4/30/2011 13:00	15526	14.66	47.84	14.89	24.26	8.76	45.2	17.1	18.89	68.89	71.06	21.74	16.73	0	1028	26.22	3.667	-0.041	12.76
4/30/2011 14:00	15527	11.23	67.28	21.03	20.68	7.317	64.68	27.37	15.31	73.96	77.1	16.73	11.7	0	1074	26.22	3.648	-0.02	12.91
4/30/2011 15:00	15528	9.02	77.69	40.77	26.05	6.404	73.66	46.47	22.47	77.89	81	13.87	9.02	0	1046	26.23	3.629	-0.019	13.6
4/30/2011 16:00	15529	8.15	61.97	30.55	18.89	5.678	55.84	36.46	15.31	80.4	83	12.12	7.459	0	955	26.22	3.6	-0.029	13.16
4/30/2011 17:00	15530	7.464	113.8	57.35	17.1	5.391	112.5	64.5	13.52	83.3	85.4	10.47	6.061	0	797.2	26.2	3.581	-0.019	12.92
4/30/2011 18:00	15531	5.984	112	58.97	15.31	4.193	112.8	64.32	9.95	84.9	86.3	8.97	4.828	0	602.9	26.18	3.555	-0.025	15
4/30/2011 19:00	15532	10.21	76.6	24.31	18.89	6.657	72.12	29.42	13.52	83.3	84.7	9.56	5.326	0	387.6	26.16	3.533	-0.022	14.55
4/30/2011 20:00	15533	8.6	73.64	18.8	17.1	5.328	68.54	24.71	11.74	82.5	82.8	9.73	5.944	0	169.4	26.15	3.511	-0.022	12.99
4/30/2011 21:00	15534	13.57	75.86	11.62	29.63	7.842	73.17	19.27	18.89	76.69	76.05	13.44	9.82	0	10.96	26.13	3.48	-0.031	13.73
4/30/2011 22:00	15535	15.76	87.4	10.11	29.63	9.3	85.2	19.46	18.89	72.08	71.4	16.56	12.95	0	0.001	26.11	3.461	-0.019	13
4/30/2011 23:00	15536	17.31	99.2	8.99	29.63	11.43	98.3	18.51	22.47	69.62	69.19	18.87	15.09	0	0.001	26.12	3.452	-0.009	12.93
5/1/2011 0:00	15537	18.48	101.6	9.84	29.63	12.28	101.3	18.54	26.05	67.84	67.66	23.15	19.18	0	0	26.13	3.437	-0.015	12.97
5/1/2011 1:00	15538	19.59	104.4	9.54	54.68	12.77	103.5	19.31	31.42	65.78	65.62	28.85	24.86	0	0	26.13	3.412	-0.025	12.61
5/1/2011 2:00	15539	19.24	98.5	9.99	33.21	12.64	97.4	18.54	26.05	64.21	64.03	33.45	29.51	0	0	26.13	3.399	-0.013	12.58
5/1/2011 3:00	15540	15.87	89.3	12.35	27.84	9.84	88.4	20.76	22.47	62.56	62.2	38.24	34.48	0	0	26.12	3.39	-0.01	12.71
5/1/2011 4:00	15541	15.17	69.75	13.58	27.84	9.22	67.05	19.81	18.89	59.99	59.71	42.28	38.38	0	0	26.12	3.38	-0.01	12.94
5/1/2011 5:00	15542	15.05	54.33	10.37	26.05	8.35	50.7	16.07	18.89	58.05	57.84	47.27	43.25	0	0	26.13	3.38	0	12.65
5/1/2011 6:00	15543	17.68	48.76	8.51	27.84	9.53	44.67	12.88	20.68	56.84	56.71	46.99	42.95	0	0	26.14	3.374	-0.006	12.53
5/1/2011 7:00	15544	22.91	56.59	10.5	38.57	12.99	52.77	17.17	29.63	55.99	55.88	42.96	38.98	0	0.202	26.16	3.361	-0.013	12.5
5/1/2011 8:00	15545	27.78	61.52	9.42	43.94	16.97	59.53	16.09	34.99	52.31	52.4	42.42	38.1	0	52.45	26.18	3.346	-0.015	12.95
5/1/2011 9:00	15546	29.7	60.27	9.2	47.52	17.83	58.54	16.11	40.36	50.4	50.86	42.59	37.85	0	185.9	26.21	3.334	-0.012	12.77
5/1/2011 10:00	15547	29.16	58.15	10.55	42.15	17.11	54.52	16.94	33.21	50.06	50.84	41.35	36.24	0	287.6	26.25	3.327	-0.007	12.71
5/1/2011 11:00	15548	29.38	53.14	9.93	45.73	16.31	49.06	15.63	31.42	49.66	50.59	42.53	37.13	0	450.5	26.28	3.314	-0.013	13.16
5/1/2011 12:00	15549	27.97	58.17	12.19	43.94	16.6	55.7	17.82	33.21	51.13	52.84	42.71	36.49	0	753.3	26.3	3.298	-0.016	14.65
5/1/2011 13:00	15550	26.55	69.09	10.44	42.15	16.64	66.68	17.09	31.42	51.06	53.43	47.49	40.12	0	734	26.33	3.282	-0.016	12.87
5/1/2011 14:00	15551	22.31	67.95	12.5	38.57	13.9	65.32	19.11	31.42	52.27	54.76	48.76	41.25	0	728.7	26.33	3.269	-0.013	12.86
5/1/2011 15:00	15552	20.78	69.51	14.13	34.99	12.78	65.87	20.19	26.05	53.82	56.73	47.17	39.33	0	885	26.33	3.253	-0.016	12.8
5/1/2011 16:00	15553	18.38	69.42	12.23	29.63	11.57	66.45	18.76	20.68	53.47	55.67	47.23	40.16	0	465.6	26.34	3.234	-0.019	12.7
5/1/2011 17:00	15554	17.31	66.78	14.32	29.63	10.7	63.32	20.59	22.47	54.33	56.65	46.57	39.41	0	646.5	26.32	3.218	-0.016	13.48
5/1/2011 18:00	15555	18.35	61.24	12.56	27.84	11.06	57.51	18.67	22.47	54.86	56.8	44.47	37.83	0	606.9	26.31	3.177	-0.041	13.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/1/2011 19:00	15556	17.76	63.01	13.41	29.63	10.66	60.05	19.4	22.47	54.43	55.86	44.32	38.3	0	381.4	26.31	3.161	-0.016	14.81
5/1/2011 20:00	15557	17.06	58.2	12.14	24.26	10.06	55.67	18.39	18.89	53.01	53.75	46.31	41.02	0	155.2	26.3	3.149	-0.013	12.66
5/1/2011 21:00	15558	13.27	62.24	9.7	22.47	8.13	60.88	16.83	15.31	50.55	50.57	49.18	44.68	0	9.32	26.31	3.136	-0.012	12.72
5/1/2011 22:00	15559	11.48	69.72	8.81	18.89	7.356	68.09	16.44	15.31	48.57	48.38	52.81	48.52	0	0	26.33	3.134	-0.003	12.56
5/1/2011 23:00	15560	10.8	65.52	9.37	18.89	6.75	63.58	16.08	15.31	47.3	47.07	54.67	50.46	0	0	26.36	3.127	-0.006	12.49
5/2/2011 0:00	15561	7.757	63.61	10.41	13.52	4.746	64.87	17.18	11.74	45.23	44.91	58.5	54.32	0	0	26.38	3.118	-0.01	12.51
5/2/2011 1:00	15562	7.832	41.7	14.45	18.89	4.723	39.96	16.47	11.74	43.58	43.42	60.59	56.13	0	0	26.38	3.115	-0.003	12.57
5/2/2011 2:00	15563	7.373	14.23	13.63	11.74	5.405	13.74	16.24	11.74	42.55	42.72	61.1	56.11	0	0	26.37	3.109	-0.006	12.76
5/2/2011 3:00	15564	7.067	0.049	12.1	11.74	5.369	357.8	15.08	9.95	42.92	43.2	59.51	54.37	0	0	26.37	3.109	0	12.66
5/2/2011 4:00	15565	7.139	341.7	8.25	9.95	5.536	339.3	9.61	8.16	40.65	40.71	62.98	57.92	0	0	26.37	3.106	-0.003	14.72
5/2/2011 5:00	15566	7.881	352.5	10.53	11.74	5.608	351.4	13.33	9.95	39.87	39.86	63.24	58.4	0	0	26.39	3.106	0	12.54
5/2/2011 6:00	15567	8.07	357.1	7.448	11.74	5.323	358.2	10.23	9.95	41.23	40.94	60.82	56.62	0	0	26.4	3.103	-0.003	12.46
5/2/2011 7:00	15568	8.9	350.7	8.65	13.52	6.296	350.6	11.47	11.74	41.21	41.03	59.88	55.57	0	0.482	26.42	3.1	-0.003	12.42
5/2/2011 8:00	15569	8.72	356.7	8.28	13.52	6.173	356.4	10.82	9.95	41.6	41.51	56.73	52.35	0	72.56	26.44	3.096	-0.003	12.76
5/2/2011 9:00	15570	8.64	359.1	10.82	13.52	6.68	358.8	14.32	11.74	46.1	46.86	49.29	44	0	286.5	26.48	3.096	-0.001	12.9
5/2/2011 10:00	15571	10.01	13.78	29.53	18.89	7.181	12.85	29.87	15.31	50.08	51.35	40.22	34.94	0	509.8	26.53	3.092	-0.004	12.95
5/2/2011 11:00	15572	10.8	44.06	22.01	20.68	7.019	41.39	24.28	15.31	52.38	54.19	34.41	28.93	0	720.6	26.57	3.085	-0.007	12.91
5/2/2011 12:00	15573	10.96	31.77	27.87	22.47	7.705	29.49	30.67	18.89	54.78	56.7	32.2	26.58	0	909	26.6	3.079	-0.006	13.03
5/2/2011 13:00	15574	11.12	21.47	21.75	22.47	7.997	21.17	23.18	20.68	57.24	59.2	28.35	22.81	0	1060	26.62	3.065	-0.013	12.75
5/2/2011 14:00	15575	12.28	13.22	21.5	26.05	9.14	12.36	23.17	22.47	59.53	61.49	26.21	20.69	0	1064	26.62	3.052	-0.013	12.7
5/2/2011 15:00	15576	11.36	13.64	28.53	24.26	8.45	12.65	28.17	18.89	60.38	62.04	24.6	19.36	0	918	26.61	3.024	-0.029	12.9
5/2/2011 16:00	15577	11.45	359.9	25.24	20.68	8.97	1.154	27.39	18.89	62.17	63.82	22.07	16.87	0	972	26.61	3.002	-0.022	13.01
5/2/2011 17:00	15578	12.18	351.4	33.7	22.47	9.47	351.2	34.92	20.68	63.31	64.99	19.87	14.75	0	867	26.6	2.951	-0.051	12.91
5/2/2011 18:00	15579	12.87	340.6	20.54	24.26	10.52	340	20.74	22.47	63.46	64.78	18.61	13.72	0	622.4	26.59	2.935	-0.016	12.9
5/2/2011 19:00	15580	14.93	355.6	21.57	24.26	11.56	355.9	22.99	18.89	63.12	64.24	16.96	12.27	0	416.6	26.58	2.919	-0.016	14.78
5/2/2011 20:00	15581	11.57	353.3	16.22	20.68	8.99	352.9	18.17	17.1	62.23	62.78	17.01	12.67	0	191.6	26.58	2.875	-0.044	12.93
5/2/2011 21:00	15582	8.12	5.635	9.08	15.31	5.709	3.34	11.47	11.74	59.27	59.16	17.19	13.21	0	14.87	26.58	2.866	-0.009	12.81
5/2/2011 22:00	15583	7.909	20.16	10.79	13.52	5.431	18.29	13.71	9.95	56.01	55.76	19.62	15.62	0	0	26.57	2.857	-0.009	13.19
5/2/2011 23:00	15584	8.54	32.13	9.43	11.74	4.67	35.23	11.52	9.95	52.04	51.66	24.39	20.3	0	0	26.57	2.848	-0.009	14.67
5/3/2011 0:00	15585	8.08	35.51	9.36	13.52	4.398	36.02	11	9.95	49.29	48.91	29.11	25	0	0	26.58	2.845	-0.003	12.73
5/3/2011 1:00	15586	7.783	36.86	10.02	27.84	4.077	36.7	12.05	18.89	47.53	47.04	32.1	28.08	0	0	26.57	2.839	-0.006	12.68
5/3/2011 2:00	15587	5.715	47.15	9.06	9.95	2.829	42.17	12.12	6.368	46.62	45.76	34.04	30.42	0	0	26.57	2.832	-0.006	12.19
5/3/2011 3:00	15588	7.292	58.19	9.29	9.95	3.754	57.32	15.25	8.16	45.98	44.61	35.7	32.74	0	0	26.56	2.829	-0.003	12.63
5/3/2011 4:00	15589	4.977	51.2	10.43	8.16	2.33	54.69	15.76	4.578	44.04	42.55	38.3	35.45	0	0	26.55	2.827	-0.003	12.8
5/3/2011 5:00	15590	6.199	37.77	6.041	8.16	3.019	39.6	9.87	6.368	42.64	41.56	39.74	36.2	0	0	26.55	2.824	-0.003	12.4
5/3/2011 6:00	15591	4.562	46.73	28.18	6.368	2.116	52.45	39.4	4.578	42.68	40.35	40.41	38.24	0	0	26.54	2.821	-0.003	12.35
5/3/2011 7:00	15592	2.437	25.69	69.55	4.578	1.516	140.5	45.37	4.578	38.24	33.69	45.13	44.68	0	0.849	26.54	2.821	0	12.42
5/3/2011 8:00	15593	3.416	72.49	16.36	6.368	0.389	102.8	11.77	4.578	42.67	36.95	41.31	40.4	0	89.5	26.54	2.821	0	12.68
5/3/2011 9:00	15594	8.53	170.8	28.79	17.1	5.71	174.4	34.4	11.74	49.58	51.16	37.8	32.23	0	310.6	26.59	2.813	-0.007	14.67
5/3/2011 10:00	15595	12.32	206.9	12.98	20.68	8.72	210.4	16.18	15.31	54.14	56.05	35.05	29.24	0	541.5	26.65	2.803	-0.01	13.3
5/3/2011 11:00	15596	12.15	206.6	14.6	22.47	8.62	209.9	17.81	15.31	57.97	60.13	31.7	25.96	0	750.4	26.69	2.797	-0.006	13.08
5/3/2011 12:00	15597	10.12	210.7	23.05	17.1	7.673	214.1	24.82	15.31	61.31	63.61	26.92	21.35	0	936	26.72	2.786	-0.01	13.05
5/3/2011 13:00	15598	8.61	200.3	42.22	17.1	6.364	205.8	45.91	13.52	65.14	67.62	20.98	15.71	0	1052	26.73	2.773	-0.013	12.98
5/3/2011 14:00	15599	7.229	205.7	52.38	17.1	5.568	214.1	54.41	15.31	68.04	70.16	17.67	12.76	0	1098	26.72	2.745	-0.029	12.68
5/3/2011 15:00	15600	7.981	189.9	54.58	20.68	6.003	197.3	56.87	17.1	69.56	72.32	14.7	9.67	0	1079	26.7	2.713	-0.032	12.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/3/2011 16:00	15601	8.34	191	38.4	20.68	6.241	196	44.66	15.31	70.23	72.45	14.24	9.39	0	991	26.68	2.684	-0.029	13.06
5/3/2011 17:00	15602	9.07	164.4	28.97	26.05	6.443	166.8	34.76	22.47	70.83	73.93	13.07	8.07	0	840	26.65	2.653	-0.032	12.96
5/3/2011 18:00	15603	9.06	161.9	30.74	20.68	6.32	164.2	36.57	17.1	70.88	73.08	11.72	7.099	0	645	26.63	2.624	-0.028	12.95
5/3/2011 19:00	15604	8.25	170.8	28.24	17.1	5.552	175	30.38	13.52	70.44	72.18	10.55	6.077	0	420.9	26.62	2.599	-0.025	12.95
5/3/2011 20:00	15605	8.53	181.9	15.99	15.31	5.404	184.7	21.56	11.74	69.36	69.98	10.89	6.887	0	193.3	26.6	2.583	-0.016	12.95
5/3/2011 21:00	15606	6.757	192.7	6.113	11.74	3.008	184.2	14.66	8.16	65.16	62.62	12.56	10.01	0	15.33	26.58	2.574	-0.009	12.88
5/3/2011 22:00	15607	6.934	165	13.52	9.95	2.458	136.4	14.84	4.578	59.65	54.91	15.74	14.55	0	0	26.55	2.568	-0.006	13.09
5/3/2011 23:00	15608	7.978	148.6	5.85	9.95	2.862	131.5	13.75	4.578	56.27	51.58	19.17	18.17	0	0	26.52	2.566	-0.003	12.68
5/4/2011 1:00	15609	7.61	147.4	6.497	15.31	2.822	127.5	18.03	6.368	52.93	48.77	21.49	20.59	0	0	26.51	2.563	-0.003	12.7
5/4/2011 2:00	15610	8.3	144	8.01	11.74	3.33	129.3	15.37	6.368	50.53	46.63	23.31	22.36	0	0	26.49	2.56	-0.003	13.03
5/4/2011 3:00	15611	8.77	136.3	6.322	11.74	3.548	123.8	16.51	6.368	49.23	45.06	24.68	24.07	0	0	26.47	2.557	-0.003	12.13
5/4/2011 4:00	15612	8.66	137.7	6.23	11.74	3.829	129.7	16.79	6.368	47.73	45.08	26.11	24.22	0	0	26.46	2.554	-0.003	12.2
5/4/2011 5:00	15613	8.84	139.5	6.734	11.74	4.19	135.6	17.96	8.16	47.65	45.46	28.65	26.24	0	0	26.45	2.547	-0.006	12.54
5/4/2011 6:00	15614	8.4	127.8	6.938	11.74	4.134	120.5	17.66	8.16	46.03	43.94	33.6	31.26	0	0	26.45	2.544	-0.003	12.5
5/4/2011 7:00	15615	8.66	142.6	8.19	13.52	4.547	141.5	17.61	9.95	45.98	44.45	36.35	33.52	0	0.686	26.45	2.541	-0.003	12.71
5/4/2011 8:00	15616	6.283	134	10.93	9.95	3.024	124.6	21.44	6.368	46.06	45.04	37.83	34.57	0	79.43	26.46	2.538	-0.003	12.76
5/4/2011 9:00	15617	13.43	161	12.91	27.84	8.02	163.1	19.8	20.68	52.96	54.21	33.89	28.8	0	302.2	26.49	2.534	-0.004	13.01
5/4/2011 10:00	15618	19.08	169.3	9.91	29.63	11.58	171.8	17.53	20.68	58.35	60	30.45	25.24	0	487.2	26.53	2.527	-0.007	14.25
5/4/2011 11:00	15619	16.96	176.5	11.83	29.63	10.63	180.1	18.37	20.68	62.71	65.1	26.37	20.94	0	716.9	26.56	2.511	-0.016	12.57
5/4/2011 12:00	15620	15.77	186.7	14.08	24.26	10.3	191	19.23	18.89	66.29	69.3	23.04	17.43	0	883	26.59	2.485	-0.026	12.76
5/4/2011 13:00	15621	12.91	187	17.27	24.26	8.56	190.7	22.92	17.1	70.33	73.19	18.75	13.55	0	860	26.59	2.469	-0.016	12.91
5/4/2011 14:00	15622	14.02	179.1	16.73	24.26	9.1	182.3	23.15	18.89	74.4	78.08	14.76	9.51	0	1106	26.57	2.447	-0.022	12.7
5/4/2011 15:00	15623	13.4	184.5	22.28	24.26	9.12	188.4	26.03	18.89	76.98	80.6	14.03	8.77	0	1049	26.56	2.415	-0.032	12.94
5/4/2011 16:00	15624	13.91	193.1	20.75	26.05	9.43	195.9	25.62	20.68	78.29	81.5	14.32	9.12	0	979	26.55	2.383	-0.032	12.96
5/4/2011 17:00	15625	14.81	184.8	16.89	26.05	9.83	188.4	22.38	20.68	79.04	82	14.48	9.4	0	843	26.52	2.345	-0.038	13.04
5/4/2011 18:00	15626	15.15	185.6	21.72	27.84	9.85	188.8	25.84	18.89	79.41	81.7	14.56	9.77	0	583	26.5	2.32	-0.025	12.94
5/4/2011 19:00	15627	14.93	174.7	13.05	22.47	9.17	177.9	19.25	18.89	77.48	78.48	15.53	11.27	0	243.6	26.48	2.294	-0.025	12.8
5/4/2011 20:00	15628	14.99	164.8	8.99	22.47	8.88	167.8	16.96	17.1	76.3	76.61	16.41	12.46	0	113.4	26.46	2.276	-0.019	13.03
5/4/2011 21:00	15629	14.26	158.7	9.11	24.26	8.33	160.7	16.22	18.89	73.28	72.93	19.39	15.68	0	9.93	26.44	2.254	-0.022	12.61
5/4/2011 22:00	15630	14.9	159.4	9.06	22.47	8.56	161.6	16.42	17.1	70.24	69.83	22.28	18.57	0	0.002	26.44	2.241	-0.013	13.02
5/4/2011 23:00	15631	13.59	156.2	9.61	24.26	7.912	158.5	16.83	17.1	66.97	66.47	27.35	23.67	0	0	26.44	2.225	-0.016	14.41
5/5/2011 0:00	15632	11.67	162.8	9.73	22.47	6.733	165.1	17.01	17.1	64	63.32	31.21	27.71	0	0	26.43	2.22	-0.006	12.53
5/5/2011 1:00	15633	8.69	172.2	10.35	22.47	4.895	174.8	17.89	17.1	62.26	61.38	33.28	29.99	0	0	26.41	2.207	-0.013	12.81
5/5/2011 2:00	15634	8.7	176	10.13	15.31	4.891	178.6	17.33	9.95	61.5	60.63	36.29	32.97	0	0	26.39	2.2	-0.006	12.78
5/5/2011 3:00	15635	6.795	186.7	8.54	11.74	3.543	188.2	14.79	6.368	59.52	58.21	42.52	39.72	0	0	26.36	2.194	-0.006	12.88
5/5/2011 4:00	15636	6.293	192.3	5.909	8.16	2.514	195.1	11.28	4.578	58.11	55.09	45.57	44.78	0	0	26.33	2.194	0	12.49
5/5/2011 5:00	15637	5.178	202.3	8.24	8.16	1.829	205.5	15.15	4.578	56.5	53.66	47.75	46.95	0	0	26.32	2.195	0.001	12.61
5/5/2011 6:00	15638	5.449	215.1	8.87	8.16	2.167	228.9	15.47	4.578	55.02	52.67	49.59	48.3	0	0	26.3	2.192	-0.003	13.51
5/5/2011 7:00	15639	8.85	318.4	64.97	31.42	5.781	350.9	37.18	26.05	55.02	52.96	49.6	47.89	0	0.317	26.33	2.188	-0.003	12.71
5/5/2011 8:00	15640	10.56	25.97	15.53	24.26	7.125	25.78	16.69	20.68	54.45	54.29	49.06	45.07	0	30.44	26.39	9.43	7.246	13.87
5/5/2011 9:00	15641	19.64	24.26	9.21	31.42	13.79	24.17	11.26	26.05	53.27	53.74	48.32	43.46	0	244.7	26.44	9.43	-0.002	14.12
5/5/2011 10:00	15642	20.03	26.21	10.34	31.42	14.02	25.93	12.18	27.84	56.92	57.69	41.9	36.98	0	493.3	26.47	9.44	0.003	13.03
5/5/2011 11:00	15643	19.5	29.34	11.4	31.42	12.98	29.43	13.31	29.63	61.09	62.13	35.61	30.7	0	717	26.52	9.44	0	14.32
5/5/2011 12:00	15644	18.62	30.29	12.68	29.63	12.18	30.45	14.52	24.26	63.99	65.17	31.98	27.06	0	704	26.55	9.43	-0.006	14.27
5/5/2011 13:00	15645	18.94	32.89	13.36	33.21	12.37	32.43	15.07	29.63	68.01	69.39	27.71	22.84	0	927	26.56	9.42	-0.01	12.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/5/2011 14:00	15646	16.24	37.67	16.75	27.84	10.47	35.81	17.82	26.05	71.23	73	25.82	20.79	0	975	26.57	9.4	-0.016	12.78
5/5/2011 15:00	15647	13.24	42.07	20.27	26.05	8.78	39.63	22.79	22.47	73.89	76.11	24.08	18.84	0	1045	26.58	9.38	-0.024	13.01
5/5/2011 16:00	15648	13.05	54.41	20.45	26.05	8.34	51.16	23.95	20.68	75.77	78.28	22.33	17.08	0	953	26.57	9.36	-0.016	12.8
5/5/2011 17:00	15649	13.06	61.45	22.24	24.26	8.4	58.5	26.21	17.1	76.73	79.04	20.97	15.93	0	812	26.54	9.34	-0.025	13.02
5/5/2011 18:00	15650	11.87	72.74	23.86	20.68	7.82	69.45	30.04	17.1	77.41	79.5	19.39	14.61	0	625.1	26.52	9.31	-0.028	12.89
5/5/2011 19:00	15651	11.35	83.8	16.82	22.47	7.518	80.9	24	15.31	77.19	78.91	19.22	14.67	0	410	26.5	9.29	-0.025	12.84
5/5/2011 20:00	15652	11.3	84.7	12.92	18.89	7.051	82.3	21	13.52	76.44	77.14	18.87	14.92	0	190.3	26.49	9.26	-0.025	14.6
5/5/2011 21:00	15653	8.98	92.7	9.55	17.1	5.251	91.7	18.34	11.74	72.37	71.48	21.87	18.7	0	18.13	26.48	9.24	-0.021	12.8
5/5/2011 22:00	15654	7.976	82.5	6.987	11.74	4.109	79.98	15.59	6.368	66.9	65.32	25.83	23.18	0	0.001	26.46	9.21	-0.027	12.65
5/5/2011 23:00	15655	8.22	94	6.398	11.74	3.963	92.5	14.74	8.16	62.97	60.51	28.49	26.66	0	0	26.45	9.2	-0.008	14.6
5/6/2011 0:00	15656	8.66	90.7	7.421	11.74	4.289	89	16.63	8.16	61.02	59.04	29.48	27.21	0	0	26.43	9.2	-0.009	12.84
5/6/2011 1:00	15657	9.25	94	7.736	18.89	5.108	91.2	16.79	8.16	59.6	58.08	30.39	27.72	0	0	26.41	9.18	-0.016	12.91
5/6/2011 2:00	15658	8.46	97.2	7.176	13.52	4.803	93.3	16.62	8.16	58.16	56.88	31.57	28.69	0	0	26.4	9.17	-0.006	12.86
5/6/2011 3:00	15659	9.06	104.6	8.5	15.31	5.363	101.3	17.41	9.95	58.28	57.08	31.86	28.87	0	0	26.38	9.16	-0.01	12.61
5/6/2011 4:00	15660	9.21	101.7	8.44	13.52	5.778	98.1	17.19	9.95	57.27	56.31	33.14	29.92	0	0	26.35	9.16	-0.006	12.52
5/6/2011 5:00	15661	9.81	101.8	8.48	15.31	6.163	98	17.8	9.95	57.24	56.4	33.87	30.51	0	0	26.34	9.15	-0.01	13.82
5/6/2011 6:00	15662	9.91	108.6	8.75	15.31	5.958	106.2	18.54	11.74	56.89	56.11	34.9	31.52	0	0	26.32	9.13	-0.013	12.58
5/6/2011 7:00	15663	8.95	101.2	9.38	13.52	5.491	95.9	17.97	9.95	55.76	54.92	36.5	33.19	0	0.442	26.3	9.13	-0.003	12.24
5/6/2011 8:00	15664	8.23	99.4	12.09	13.52	4.904	93.9	21.65	11.74	56.11	55.53	37.01	33.47	0	65.89	26.3	9.12	-0.009	12.89
5/6/2011 9:00	15665	9.51	127.4	14.61	17.1	5.927	127.8	24.4	13.52	62.08	63.33	36.7	31.91	0	262.4	26.32	9.12	-0.003	12.85
5/6/2011 10:00	15666	10.21	169	16.87	15.31	6.529	172.4	23.34	11.74	67.69	69.86	37.91	32.19	0	487.6	26.36	9.11	-0.006	13.07
5/6/2011 11:00	15667	10.54	199.5	15.33	17.1	7.39	203.5	19.87	13.52	73.25	75.54	35	29.26	0	692.1	26.39	9.11	-0.007	13.04
5/6/2011 12:00	15668	11.77	203.8	15.67	18.89	8.58	207.5	19.73	17.1	78.18	80.7	29.62	24.08	0	870	26.41	9.09	-0.011	12.95
5/6/2011 13:00	15669	12.94	215.6	14.84	26.05	9.37	217.2	17.44	18.89	82.3	85	24.01	18.65	0	982	26.42	9.08	-0.013	14.33
5/6/2011 14:00	15670	13.56	213.6	15.33	22.47	9.8	216.1	18.08	18.89	85.5	88.3	21.06	15.77	0	1028	26.4	9.06	-0.023	12.97
5/6/2011 15:00	15671	13.01	211.6	17.31	24.26	9.47	214.8	19.96	18.89	87.4	90.2	19.14	13.92	0	1007	26.38	9.03	-0.032	14.56
5/6/2011 16:00	15672	12.94	210.8	21.08	22.47	9.37	213.8	23.38	18.89	89.3	91.9	15.18	10.31	0	946	26.35	8.99	-0.035	13.59
5/6/2011 17:00	15673	12.16	212.3	25.71	24.26	8.76	214.7	27.41	18.89	90.4	92.7	11.62	7.025	0	713.4	26.32	8.95	-0.038	12.94
5/6/2011 18:00	15674	12.74	232.2	23.74	34.99	9.62	233.7	25.12	29.63	90.9	92.2	8.69	4.415	0	529.4	26.29	8.89	-0.06	13.77
5/6/2011 19:00	15675	8.79	256	54.38	20.68	6.476	255.7	52.66	17.1	88.7	89.2	10.18	6.141	0	201.6	26.28	8.86	-0.031	12.88
5/6/2011 20:00	15676	11.51	212.4	45.87	27.84	7.574	214.2	46.31	22.47	86.3	86.6	14.01	10.05	0	136.7	26.27	8.84	-0.028	12.76
5/6/2011 21:00	15677	13.36	176	9.43	26.05	7.771	178.8	16.98	18.89	80.5	79.9	20.48	17.03	0	15.65	26.25	8.8	-0.031	12.74
5/6/2011 22:00	15678	9.37	171.1	8.26	15.31	4.98	172.9	16.83	9.95	76.05	74.62	23.83	20.96	0	0.004	26.23	8.79	-0.018	12.69
5/6/2011 23:00	15679	10.72	173.4	9.32	18.89	5.867	176.4	17.39	13.52	73.14	71.94	28.22	25.12	0	0.001	26.23	8.77	-0.019	14.55
5/7/2011 0:00	15680	12.91	179.6	9.1	20.68	7.649	183.3	16.57	15.31	70.56	69.85	36.56	33.14	0	0	26.23	8.76	-0.012	12.95
5/7/2011 1:00	15681	11.21	186.2	9.92	31.42	6.696	189.9	16.62	18.89	67.41	66.67	42.71	39.41	0	0	26.22	8.74	-0.017	14.67
5/7/2011 2:00	15682	11.16	188.7	9.41	18.89	6.908	192.7	15.76	13.52	65.67	64.92	49.49	46.23	0	0	26.21	8.73	-0.009	12.73
5/7/2011 3:00	15683	7.883	195.6	16.01	15.31	4.514	199	21.68	9.95	62.96	61.84	55.15	52.48	0	0	26.2	8.71	-0.022	12.58
5/7/2011 4:00	15684	5.575	198.6	12.39	9.95	2.43	203.3	25.08	6.368	60.48	58.18	59.51	58.59	0	0	26.17	8.7	-0.006	14.32
5/7/2011 5:00	15685	4.553	224.6	12.53	6.368	1.219	242.6	24.47	4.578	58.43	54.82	63.01	63.51	0	0	26.15	8.7	-0.003	12.5
5/7/2011 6:00	15686	4.767	221.6	6.599	6.368	0.435	258	7.271	2.789	56.5	52.56	66.44	67.62	0	0	26.13	8.69	-0.004	12.31
5/7/2011 7:00	15687	4.089	238.1	10.18	6.368	0.739	280.2	14.82	2.789	54.66	50.84	70.04	69.88	0	0.521	26.12	8.69	-0.003	12.81
5/7/2011 8:00	15688	4.385	239.2	11.48	6.368	1.54	268.3	14.69	4.578	54.17	52.16	71.34	69.17	0	72.36	26.13	8.69	0	14.94
5/7/2011 9:00	15689	6.168	229.4	15.22	11.74	4.841	231.9	17.05	9.95	58.7	59.52	64.09	58.5	0	282.4	26.18	8.68	-0.006	12.93
5/7/2011 10:00	15690	7.999	243	17.76	11.74	6.532	243.8	18.91	11.74	68.07	69.17	46.59	41.7	0	514.1	26.23	8.68	-0.005	12.89

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/7/2011 11:00	15691	8.91	260	18.84	15.31	7.34	258.1	19.81	15.31	79.74	80.6	19.66	15.81	0	714.6	26.28	8.67	-0.009	12.95
5/7/2011 12:00	15692	10.28	298.9	19.03	20.68	8.67	299.1	21.4	17.1	86.2	87.2	7.767	3.689	0	885	26.32	8.65	-0.018	12.86
5/7/2011 13:00	15693	8.42	306.2	26.3	15.31	7.072	305.7	31.52	13.52	90.6	91.7	7.503	3.312	0	999	26.33	8.63	-0.02	12.83
5/7/2011 14:00	15694	7.732	269.3	48.01	20.68	6.359	268.8	47.62	15.31	95	96.2	3.29	1.881	0	1045	26.33	8.61	-0.022	12.89
5/7/2011 15:00	15695	10.7	285.5	31.81	24.26	8.96	286.1	34.27	20.68	95.4	96.6	2.483	1.883	0	1034	26.32	8.57	-0.041	13.01
5/7/2011 16:00	15696	11.26	270.4	30.25	24.26	9.28	269.5	32.91	20.68	95.5	96.7	2.483	1.882	0	963	26.3	8.54	-0.032	12.78
5/7/2011 17:00	15697	10.66	266.5	38.01	22.47	8.38	265.3	40.8	18.89	95.7	96.7	2.488	1.885	0	825	26.28	8.51	-0.032	12.8
5/7/2011 18:00	15698	11.62	250.7	28.13	22.47	8.73	250.8	30.16	17.1	95.4	96.4	2.486	1.885	0	632.2	26.26	8.47	-0.038	12.79
5/7/2011 19:00	15699	14.07	268.8	17.83	26.05	9.83	269.2	23.87	20.68	94.4	95.1	2.485	1.877	0	425.4	26.25	8.42	-0.05	12.73
5/7/2011 20:00	15700	10.84	257.5	14.41	20.68	7.758	255.7	17.37	17.1	92.6	92.4	2.462	1.849	0	199.4	26.25	8.38	-0.04	12.81
5/7/2011 21:00	15701	6.428	252.1	7.939	13.52	2.89	248.3	13.81	11.74	86.9	83.8	2.389	1.772	0	16.37	26.24	8.34	-0.041	12.77
5/7/2011 22:00	15702	4.993	236.3	18.2	8.16	1.322	197.3	35.6	6.368	81.7	75.69	2.364	1.734	0	0.002	26.22	8.33	-0.011	12.92
5/7/2011 23:00	15703	4.89	233.3	10	9.95	1.348	205.9	19.76	6.368	76.47	71.65	3.125	1.704	0	0	26.2	8.31	-0.012	12.81
5/8/2011 0:00	15704	3.842	239.9	12.2	8.16	0.698	210.5	20.43	4.578	75.37	70.6	3.124	1.696	0	0	26.18	8.31	-0.007	12.78
5/8/2011 1:00	15705	3.999	244.3	14.59	13.52	0.667	240.3	36.84	8.16	73.62	68.27	3.954	2.206	0	0	26.17	8.3	-0.006	13.05
5/8/2011 2:00	15706	3.768	271.9	20.56	6.368	0.72	339.1	21.97	2.789	73.15	66.84	4.123	2.951	0	0	26.16	8.29	-0.009	13.03
5/8/2011 3:00	15707	8.95	163.8	12.58	17.1	4.358	160.9	19.21	11.74	69.3	66.16	23.17	20.19	0	0	26.16	8.28	-0.01	12.87
5/8/2011 4:00	15708	4.624	192.6	12.03	9.95	1.307	211.8	14.56	6.368	64.36	61.88	40.81	38.06	0	0	26.15	8.28	-0.003	12.72
5/8/2011 5:00	15709	3.55	222.1	25.03	9.95	0.519	293.8	5.083	6.368	62.3	58.58	50.11	47.62	0	0	26.14	8.27	-0.006	12.68
5/8/2011 6:00	15710	3.452	246.3	17.37	8.16	0.687	322.2	16.79	4.578	60.87	55.58	48.34	47.74	0	0	26.13	8.27	-0.001	12.26
5/8/2011 7:00	15711	2.461	201.4	12.68	8.16	0.415	100.9	32.64	2.789	59.25	54.61	55.86	53.31	0	0.716	26.12	8.27	-0.006	12.25
5/8/2011 8:00	15712	3.247	228.7	13.78	6.368	0.112	300.9	4.077	2.789	58.65	56.15	59.82	56.36	0	80	26.12	8.26	-0.006	12.18
5/8/2011 9:00	15713	3.116	246.8	17.53	6.368	1.957	252.4	14.82	6.368	65.47	66.49	51.48	45.6	0	291.1	26.16	8.26	-0.003	12.31
5/8/2011 10:00	15714	6.539	261.2	13.99	13.52	5.099	259.2	19.1	11.74	76.13	77.1	21.65	17.71	0	514.7	26.21	8.24	-0.012	13.01
5/8/2011 11:00	15715	8.77	271.3	17.9	15.31	6.258	271.4	24.4	11.74	85.8	86.7	4.074	2.395	0	720.3	26.26	8.24	-0.002	14.7
5/8/2011 12:00	15716	12.08	288.8	18.04	20.68	9.26	292.1	23.43	17.1	90.8	91.8	2.427	1.841	0	913	26.29	8.21	-0.036	12.9
5/8/2011 13:00	15717	12.33	268.2	23.52	22.47	9.33	267.9	28.78	18.89	92.4	93.7	2.444	1.867	0	1012	26.29	8.15	-0.054	14.95
5/8/2011 14:00	15718	14.82	257.7	17.86	34.99	11.27	256.8	22.53	24.26	93.5	95.1	2.469	1.877	0	1084	26.28	8.13	-0.025	12.96
5/8/2011 15:00	15719	13.34	252.9	25.5	27.84	10.32	252.8	29.52	24.26	94.6	96.2	2.479	1.88	0	1030	26.25	8.09	-0.035	12.87
5/8/2011 16:00	15720	15.64	237.3	20.84	31.42	11.8	237.8	21.42	27.84	95.6	97.4	2.484	1.887	0	986	26.23	8.05	-0.044	12.88
5/8/2011 17:00	15721	19.38	239.8	14.32	34.99	14.63	240	14.87	27.84	94.9	96.4	2.487	1.884	0	832	26.21	7.991	-0.057	12.82
5/8/2011 18:00	15722	20.98	240.7	11.82	34.99	16.02	240.3	12.86	29.63	94.6	95.6	2.486	1.88	0	658	26.19	7.934	-0.057	13.13
5/8/2011 19:00	15723	20.4	241.2	11.29	34.99	15.45	241.5	12.19	29.63	93.9	94.6	2.479	1.876	0	440.1	26.18	7.846	-0.088	14.99
5/8/2011 20:00	15724	18.78	245.5	11.24	31.42	14.15	245.2	12.07	26.05	92.4	92.3	2.464	1.846	0	219.6	26.17	7.802	-0.044	14.22
5/8/2011 21:00	15725	12.6	257.5	10.62	24.26	9.09	255.1	12.15	20.68	87.4	86.8	2.399	1.798	0	26.34	26.16	7.777	-0.025	12.81
5/8/2011 22:00	15726	7.431	275.6	12.25	13.52	4.149	272.6	20.33	8.16	81.3	79.88	2.353	1.744	0	0.011	26.16	7.759	-0.018	12.77
5/8/2011 23:00	15727	5.793	280.2	8.25	8.16	1.938	298.1	10.75	4.578	77.19	71.98	2.333	1.705	0	0.001	26.14	7.75	-0.009	12.73
5/9/2011 0:00	15728	7.03	299.4	14.99	11.74	2.98	317.7	10.41	8.16	74.68	69.11	2.473	1.684	0	0	26.11	7.739	-0.01	14.89
5/9/2011 1:00	15729	9.81	242.6	71.02	26.05	5.72	239.5	71.35	15.31	72.91	70.79	5.806	4.189	0	0	26.1	7.727	-0.012	12.89
5/9/2011 2:00	15730	9.22	160.1	9.03	17.1	4.375	160.3	18.4	9.95	70.4	68.51	44.58	41.45	0	0	26.12	7.711	-0.016	12.2
5/9/2011 3:00	15731	5.592	186.5	32.93	11.74	2.36	190	51.39	6.368	66.77	64.21	60.89	59.23	0	0	26.11	7.708	-0.003	12.23
5/9/2011 4:00	15732	4.118	199.3	34.76	9.95	1.38	219.2	47.71	6.368	64.1	61.26	66.89	66.01	0	0	26.09	7.695	-0.013	12.32
5/9/2011 5:00	15733	4.299	175.7	13	8.16	0.967	136.1	22.28	4.578	63.79	59.81	63.67	66.61	0	0	26.08	7.695	0	12.18
5/9/2011 6:00	15734	3.608	263.6	22.23	6.368	1.05	313.4	5.966	4.578	63.81	59.21	62.56	64.19	0	0	26.08	7.692	-0.003	12.74
5/9/2011 7:00	15735	2.29	237.5	38.72	4.578	0.407	354.1	25.27	4.578	61.71	56.84	65.69	68.07	0	0.837	26.08	7.691	-0.002	13.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/9/2011 8:00	15736	2.054	166.1	22.95	4.578	0.843	76.03	10.28	4.578	62.5	59.96	63.08	62.65	0	83.8	26.08	7.686	-0.004	12.64
5/9/2011 9:00	15737	3.088	257.7	22.75	8.16	1.881	271.1	18.14	8.16	69.26	70.5	45.29	40.32	0	306.6	26.13	7.679	-0.007	14.7
5/9/2011 10:00	15738	8.92	251.4	15.06	18.89	7.031	249.8	16.24	15.31	79.04	79.95	12.35	9.29	0	540.8	26.18	7.671	-0.008	12.86
5/9/2011 11:00	15739	11.74	263.8	17.74	20.68	8.79	262.6	22.38	17.1	83.9	84.8	3.055	1.809	0	688.9	26.21	7.654	-0.017	12.93
5/9/2011 12:00	15740	13.33	250	15.71	33.21	10.13	249.5	18.23	29.63	85.7	86.8	2.422	1.808	0	802	26.22	7.615	-0.039	12.81
5/9/2011 13:00	15741	16.46	241.6	14.02	27.84	12.67	242.1	15.28	22.47	88.5	90.1	2.418	1.825	0	1023	26.22	7.579	-0.035	12.68
5/9/2011 14:00	15742	17.65	243	16.61	29.63	13.05	242.5	19.17	24.26	90.5	92.4	2.424	1.853	0	1071	26.21	7.541	-0.038	12.73
5/9/2011 15:00	15743	20	242.9	13.66	34.99	15.08	242.1	14.91	29.63	91.7	93.5	2.441	1.867	0	1051	26.2	7.491	-0.051	12.87
5/9/2011 16:00	15744	21.93	245.4	17.7	40.36	16.88	245.8	18.25	34.99	92.8	94.4	2.462	1.873	0	978	26.18	7.446	-0.044	14.2
5/9/2011 17:00	15745	21.2	243.6	13.68	34.99	16.3	243.9	14.38	31.42	92.4	93.6	2.46	1.866	0	681.3	26.15	7.361	-0.085	12.95
5/9/2011 18:00	15746	19.2	240.8	15.79	34.99	14.58	241.1	15.85	27.84	91.6	92.3	2.444	1.854	0	455.3	26.13	7.32	-0.041	12.89
5/9/2011 19:00	15747	15.08	246.6	14.52	26.05	11.61	246.2	14.71	22.47	90.9	91.2	2.434	1.832	0	264.3	26.12	7.276	-0.045	12.83
5/9/2011 20:00	15748	11.69	247.8	11.96	22.47	8.84	247.7	12.56	17.1	88.1	87.9	2.653	1.809	0	87.7	26.11	7.245	-0.031	12.81
5/9/2011 21:00	15749	7.05	224.4	11.65	13.52	3.551	224.8	13.76	9.95	84.9	82.5	3.376	1.769	0	24.16	26.09	7.219	-0.025	12.78
5/9/2011 22:00	15750	7.991	209.6	6.125	11.74	3.814	212.7	11.98	8.16	81.8	78.31	4.068	1.745	0	0.006	26.08	7.201	-0.018	12.74
5/9/2011 23:00	15751	5.734	175.8	31.69	11.74	1.534	153.9	41.84	6.368	76.33	71.93	5.814	3.537	0	0.001	26.08	7.195	-0.006	14.37
5/10/2011 0:00	15752	5.962	183.4	41.15	11.74	2.367	149.8	51.54	8.16	73.2	67.94	6.675	4.86	0	0	26.07	7.187	-0.008	12.8
5/10/2011 1:00	15753	6.277	252.3	58.08	17.1	3.248	300.7	56.4	11.74	72	66.55	7.184	6.302	0	0	26.07	7.179	-0.009	13.02
5/10/2011 2:00	15754	10.45	175.3	53.71	22.47	5.753	174.9	56.86	15.31	73.28	71.1	20.33	17.28	0	0	26.07	7.166	-0.013	12.79
5/10/2011 3:00	15755	5.983	256.8	27.79	11.74	3.395	265.7	36.1	8.16	73.43	70.55	18.07	15.67	0	0	26.08	7.159	-0.007	12.79
5/10/2011 4:00	15756	4.209	293.6	48.14	8.16	1.973	351.7	51.86	4.578	72.52	67.12	15.62	17.32	0	0	26.07	7.147	-0.013	12.47
5/10/2011 5:00	15757	2.58	347.3	36.99	4.578	1.535	55.71	40.39	4.578	72.88	65.49	12.65	15.54	0	0	26.06	7.14	-0.006	12.27
5/10/2011 6:00	15758	2.251	64.04	61.69	6.368	2.209	61.65	39.77	4.578	69.97	61.29	13.24	17.22	0	0	26.06	7.137	-0.003	15.01
5/10/2011 7:00	15759	4.206	329.6	11.95	6.368	0.706	357.4	37.14	2.789	66.41	59.82	12.19	14.52	0	0.292	26.05	7.134	-0.003	12.27
5/10/2011 8:00	15760	4.1	292.2	33.52	8.16	1.336	257.9	47.38	6.368	64.05	57.52	14.09	16.8	0	36.39	26.05	7.128	-0.006	13.92
5/10/2011 9:00	15761	2.93	245.6	26.4	4.578	0.47	246.5	29.47	2.789	60.94	59.27	15.97	17.93	0	109.3	26.07	7.125	-0.003	12.74
5/10/2011 10:00	15762	3.881	235.1	49.25	13.52	2.56	226.8	22.07	9.95	70.31	71	13.02	9.79	0	421.8	26.09	7.118	-0.007	12.62
5/10/2011 11:00	15763	15.72	248	14.33	29.63	11.22	245.3	17.74	22.47	82.4	83.4	11.17	7.005	0	723.8	26.15	7.096	-0.021	12.84
5/10/2011 12:00	15764	19.94	238.8	14.1	34.99	14.28	237.8	16.22	27.84	84.8	86.4	11.33	6.922	0	908	26.19	7.067	-0.03	12.77
5/10/2011 13:00	15765	18.94	224.2	15.54	31.42	13.34	225.3	17.55	24.26	86.2	88.6	10.25	5.563	0	1019	26.19	7.038	-0.029	12.96
5/10/2011 14:00	15766	16.26	217.8	19.07	31.42	11.47	219.7	21.2	24.26	87.9	90.7	8.27	3.514	0	1066	26.18	7.003	-0.035	12.78
5/10/2011 15:00	15767	12.94	195.8	20.76	27.84	9.02	200.1	23.91	20.68	90.6	93.6	6.303	1.999	0	1052	26.16	6.961	-0.041	14.67
5/10/2011 16:00	15768	19.52	219.6	19.04	36.78	13.74	220.8	20.51	27.84	91	93.5	6.383	2.023	0	952	26.14	6.898	-0.063	12.74
5/10/2011 17:00	15769	18.12	230.6	16.23	34.99	12.99	230.5	17.99	29.63	91.4	93.2	6.878	2.324	0	802	26.11	6.851	-0.047	12.77
5/10/2011 18:00	15770	17.03	194.4	26.58	45.73	11.18	197.7	28.43	34.99	91.4	93.4	10.15	5.489	0	641.7	26.08	6.813	-0.038	12.92
5/10/2011 19:00	15771	17.06	171.2	14.38	29.63	10.5	174.8	19.98	20.68	89.2	90.4	14.8	10.52	0	270.7	26.07	6.769	-0.044	12.84
5/10/2011 20:00	15772	18.04	160.7	11.76	31.42	10.67	163.7	18.53	24.26	86.9	86.9	18.93	15.12	0	66.72	26.05	6.734	-0.034	12.81
5/10/2011 21:00	15773	18.24	153.2	9.07	33.21	10.8	156.6	16.91	26.05	83.9	83.5	28.46	24.98	0	9.03	26.04	6.696	-0.038	12.81
5/10/2011 22:00	15774	18.56	150.7	9.01	29.63	10.87	153.4	16.69	22.47	81.2	80.8	36.42	33	0	0.026	26.04	6.682	-0.015	12.95
5/10/2011 23:00	15775	22.97	162.9	11.02	38.57	13.6	165.3	17.87	27.84	78.47	78.37	47.35	43.59	0	0.019	26.06	6.663	-0.019	12.84
5/11/2011 0:00	15776	18.94	172.3	9.88	29.63	11.21	176	17.43	24.26	75.74	75.63	56.86	53.06	0	0.01	26.07	6.653	-0.01	12.86
5/11/2011 1:00	15777	17.57	165.7	9.63	63.62	10.2	168.7	17.51	42.15	74.69	74.53	62.85	59.11	0	0.009	26.05	6.647	-0.006	12.8
5/11/2011 2:00	15778	14.41	168.8	10.8	34.99	8.32	170.8	17.6	26.05	72.69	72.17	68.79	65.9	0	0.005	26.04	6.644	-0.003	12.95
5/11/2011 3:00	15779	9.73	177.6	8.74	17.1	5.568	180.5	16.11	11.74	71.67	71.05	71.82	68.6	0	0.002	26.04	6.64	-0.003	14.25
5/11/2011 4:00	15780	11.82	232.1	48.33	18.89	7.801	234.4	49.39	17.1	71.97	71.5	61.23	58.46	0	0.002	26.03	6.628	-0.013	13.72

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/11/2011 5:00	15781	9.26	290	9.68	17.1	6.619	291.2	12.85	13.52	70	69.2	18.9	16.51	0	0	26.07	6.619	-0.009	12.22
5/11/2011 6:00	15782	16.22	281.5	10.04	27.84	12.11	280.9	12.9	22.47	68.16	67.69	19.12	15.85	0	0	26.08	6.595	-0.024	12.91
5/11/2011 7:00	15783	15.49	281.4	10.88	26.05	11.63	281.4	13.8	20.68	66.42	66.05	21.25	17.82	0	0.641	26.09	6.582	-0.013	12.81
5/11/2011 8:00	15784	11.47	276.9	10.67	22.47	8.33	276.3	13.29	17.1	64.95	64.77	22.71	19.08	0	76.81	26.12	6.567	-0.016	13.8
5/11/2011 9:00	15785	10.53	312.6	19.46	17.1	8.62	315	20.59	15.31	66.27	66.77	22.56	18.48	0	298	26.16	6.534	-0.033	14.58
5/11/2011 10:00	15786	15.71	298	13.51	26.05	12.52	299.4	17.17	20.68	69.4	70.42	18.54	14.25	0	539.8	26.2	6.511	-0.023	14.82
5/11/2011 11:00	15787	24.47	286.6	10.96	43.94	18.99	286.9	14.37	38.57	72.21	73.45	15.15	10.81	0	752.8	26.21	6.444	-0.067	12.89
5/11/2011 12:00	15788	22.18	266.3	17.6	38.57	16.24	264.8	21.22	33.21	72.96	74.42	12.48	8.05	0	954	26.25	6.434	-0.01	12.89
5/11/2011 13:00	15789	19.4	264	16.09	34.99	13.82	262.4	20.39	27.84	75.31	77.11	8.49	4.055	0	1076	26.25	6.418	-0.016	14.33
5/11/2011 14:00	15790	21.19	269.5	15.67	34.99	15.36	269.8	20	29.63	77.02	78.9	5.762	1.751	0	1130	26.24	6.364	-0.054	12.82
5/11/2011 15:00	15791	17.73	254.3	17.86	34.99	12.89	253.5	21.3	24.26	79	80.8	6.382	1.894	0	1109	26.23	6.345	-0.019	14.04
5/11/2011 16:00	15792	19.86	255.5	16.51	36.78	14.1	253.4	20.85	29.63	80.1	81.8	5.675	1.763	0	1028	26.22	6.3	-0.044	12.87
5/11/2011 17:00	15793	19.37	262.2	14.95	34.99	13.61	261.1	19.76	26.05	80.7	82.2	4.91	1.76	0	882	26.21	6.243	-0.057	12.89
5/11/2011 18:00	15794	19.98	264.1	16.08	34.99	14.35	262	20.72	27.84	81	82.1	4.155	1.761	0	684.6	26.2	6.202	-0.041	14.51
5/11/2011 19:00	15795	17.89	266	14.57	29.63	12.76	265	18.73	26.05	80.8	81.6	3.286	1.764	0	464.1	26.21	6.164	-0.038	12.89
5/11/2011 20:00	15796	16.16	265.8	13.04	27.84	11.02	265.8	17.86	22.47	79.4	79.56	4.255	1.749	0	234.3	26.21	6.139	-0.025	13.04
5/11/2011 21:00	15797	10.93	248.4	13.65	20.68	7.247	244.8	16.12	17.1	75.81	75.37	6.789	2.843	0	30.74	26.22	6.117	-0.022	12.7
5/11/2011 22:00	15798	6.33	233.4	7.935	11.74	2.893	232.9	14.02	8.16	70.26	67.96	10.6	7.598	0	0.007	26.23	6.108	-0.009	12.8
5/11/2011 23:00	15799	4.835	224.4	45.47	13.52	2.246	224.8	69.13	9.95	66.51	63.02	12.69	10.35	0	0	26.21	6.1	-0.008	12.41
5/12/2011 0:00	15800	7.426	295.2	8.42	13.52	4.346	304	13.53	8.16	64.1	62.05	14.73	11.68	0	0	26.2	6.088	-0.013	12.54
5/12/2011 1:00	15801	5.22	241.1	58.71	13.52	2.268	197.3	55.63	9.95	60.41	56.91	16.95	15.01	0	0	26.2	6.081	-0.006	13.72
5/12/2011 2:00	15802	5.37	205.1	31.07	13.52	2.023	176.9	31.67	6.368	58.93	53.82	17.77	17.24	0	0	26.19	6.077	-0.005	12.47
5/12/2011 3:00	15803	6.222	317.4	15.58	11.74	3.389	333.9	7.358	8.16	58.51	55.07	17.96	16.38	0	0	26.18	6.068	-0.009	12.71
5/12/2011 4:00	15804	5.252	334.1	15.25	11.74	2.65	331	24.43	8.16	56.83	54.77	19.45	16.65	0	0	26.2	6.064	-0.003	13.25
5/12/2011 5:00	15805	1.49	284.1	28.21	4.578	0.863	145	26.91	2.789	53.4	48.08	22.71	22.08	0	0	26.2	6.061	-0.003	12.25
5/12/2011 6:00	15806	2.99	297.6	17.5	6.368	0.725	325	20.9	2.789	53.08	48.19	24.05	23.06	0	0	26.19	6.058	-0.003	12.73
5/12/2011 7:00	15807	5.478	306.5	6.724	8.16	2.705	319.8	10.13	6.368	53.76	49.46	27.83	26.07	0	1.081	26.19	6.052	-0.006	12.67
5/12/2011 8:00	15808	3.019	289	20.9	8.16	1.171	303.5	26.43	4.578	54.35	52.26	32.59	28.55	0	94.1	26.21	6.049	-0.003	12.86
5/12/2011 9:00	15809	8.23	309.1	17.48	17.1	6.851	311.9	16.75	15.31	61.8	62.29	31.78	27.01	0	317.8	26.26	6.034	-0.015	14.25
5/12/2011 10:00	15810	14.7	323.1	11.14	26.05	12.02	324.7	12.11	24.26	69.1	70.06	26.71	22.11	0	550.9	26.31	6.016	-0.018	12.86
5/12/2011 11:00	15811	16.74	312.7	15.97	26.05	13.48	314.9	17.04	24.26	72.98	74.25	22.69	17.98	0	756.7	26.34	6.01	-0.007	15.06
5/12/2011 12:00	15812	13.55	282.6	21.02	26.05	10.93	282.1	24.39	20.68	75.68	77.22	19.04	14.25	0	938	26.37	5.974	-0.036	13.09
5/12/2011 13:00	15813	14.55	265.6	20.68	27.84	12.01	265.8	23.4	22.47	77.57	79.14	16.48	11.78	0	1059	26.37	5.929	-0.044	14.92
5/12/2011 14:00	15814	15.8	275.4	18.33	33.21	12.79	274	20.17	26.05	79.62	81.5	14.05	9.25	0	1106	26.36	5.901	-0.029	12.7
5/12/2011 15:00	15815	15.37	274.4	23.99	27.84	12.73	274.1	26.27	24.26	81.4	83	12.94	8.27	0	1093	26.35	5.872	-0.029	13.2
5/12/2011 16:00	15816	13.69	294.7	25.83	24.26	11.3	294.8	27.96	22.47	82.9	84.5	11.2	6.537	0	1008	26.34	5.83	-0.041	12.93
5/12/2011 17:00	15817	12.7	290.7	30.19	24.26	10.52	290.4	33.52	20.68	84.3	85.7	9.84	5.272	0	861	26.33	5.805	-0.025	12.75
5/12/2011 18:00	15818	12.97	293.9	24.26	26.05	10.83	295	26.78	22.47	84.5	85.6	9.05	4.602	0	669.1	26.33	5.767	-0.038	12.74
5/12/2011 19:00	15819	11.59	291.4	22.81	24.26	9.43	291.7	26.63	20.68	84.6	85.6	7.937	3.547	0	448.7	26.32	5.736	-0.032	12.89
5/12/2011 20:00	15820	9.59	306.8	20.39	18.89	7.83	308	22.22	15.31	84.4	84.4	6.145	2.159	0	230	26.32	5.714	-0.022	12.76
5/12/2011 21:00	15821	6.76	326.2	25.18	13.52	4.489	331.4	28.39	11.74	81	79.82	6.953	3.387	0	31.24	26.32	5.692	-0.022	12.73
5/12/2011 22:00	15822	7.668	354.6	8.14	11.74	4.879	0.3	11.08	8.16	76.99	75.5	9.14	5.608	0	0.019	26.33	5.68	-0.012	12.74
5/12/2011 23:00	15823	7.9	0.022	7.23	11.74	4.788	6.218	9.34	8.16	74.65	72.81	10.78	7.422	0	0.002	26.33	5.661	-0.019	13.98
5/13/2011 0:00	15824	10.78	50.26	25.98	20.68	6.558	50.88	25.73	17.1	69.01	68.18	19.92	16.04	0	0.001	26.34	5.649	-0.012	12.67
5/13/2011 1:00	15825	10.63	63.82	10.02	22.47	6.157	63.06	17.07	11.74	64.16	63.35	28.99	25.32	0	0	26.33	5.638	-0.012	13.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/13/2011 2:00	15826	11.18	51.8	8.79	17.1	5.88	49.46	15.76	13.52	62.84	62.2	32.37	28.69	0	0	26.33	5.628	-0.009	12.79
5/13/2011 3:00	15827	15.56	49.27	8.61	27.84	8.48	45.64	13.33	17.1	61.54	61.19	35.5	31.62	0	0	26.35	5.622	-0.006	12.59
5/13/2011 4:00	15828	18.12	47.25	7.837	27.84	10.05	43.33	11.51	17.1	58.64	58.52	41	36.82	0	0	26.36	5.609	-0.013	12.56
5/13/2011 5:00	15829	17.09	43.2	9.89	29.63	9.67	41.67	12.19	22.47	56.59	56.5	44.77	40.58	0	0	26.36	5.596	-0.013	12.55
5/13/2011 6:00	15830	13.53	37.67	11.48	22.47	8.07	37.31	12.96	17.1	53.97	53.92	49.31	44.98	0	0	26.36	5.587	-0.009	12.67
5/13/2011 7:00	15831	12.31	23.83	9.33	18.89	8.97	23.6	10.96	15.31	51.86	51.9	53.41	48.86	0	1.277	26.38	5.579	-0.008	14.67
5/13/2011 8:00	15832	13.53	23.05	10.24	26.05	9.99	22.72	11.17	20.68	52.26	52.38	54.78	50.05	0	94.4	26.4	5.579	0	12.24
5/13/2011 9:00	15833	17.23	30.96	10.79	27.84	10.95	31.47	13	26.05	56.33	56.83	48.76	43.93	0	310.3	26.43	5.568	-0.011	12.83
5/13/2011 10:00	15834	16.18	34.07	12.14	26.05	10.22	33.93	14.11	22.47	59.76	60.78	44.22	39.04	0	537.5	26.46	5.555	-0.013	12.87
5/13/2011 11:00	15835	15.02	33.69	13.05	22.47	9.66	32.91	14.64	18.89	63.74	65.09	40.09	34.73	0	743.9	26.49	5.545	-0.011	12.86
5/13/2011 12:00	15836	13.3	39.29	14.66	20.68	8.53	36.69	17.11	17.1	67.94	69.66	35.62	30.19	0	923	26.51	5.522	-0.023	12.88
5/13/2011 13:00	15837	9.02	41.37	24.08	18.89	6.246	35.7	24.74	15.31	72.22	74.24	29.7	24.36	0	1038	26.53	5.512	-0.01	12.99
5/13/2011 14:00	15838	6.077	2.556	59.86	15.31	4.892	2.732	57.39	11.74	76.89	78.64	24.97	19.92	0	1077	26.54	5.498	-0.014	12.85
5/13/2011 15:00	15839	6.689	16.97	69.82	15.31	5.114	13.16	73.17	13.52	78.71	80.8	22.86	17.82	0	1067	26.52	5.473	-0.026	14.5
5/13/2011 16:00	15840	7.282	343.3	58.58	22.47	5.882	342.8	55.72	18.89	80.2	81.4	21.58	16.81	0	992	26.5	5.45	-0.022	12.85
5/13/2011 17:00	15841	7.743	20.03	44.29	18.89	5.795	17.51	44.49	15.31	81	82.2	20.24	15.62	0	847	26.48	5.422	-0.028	12.99
5/13/2011 18:00	15842	7.47	50.4	41.92	17.1	5.37	46.09	44	15.31	80.4	81.9	19.51	14.87	0	660.4	26.47	5.4	-0.022	12.89
5/13/2011 19:00	15843	7.885	39.8	29.48	15.31	5.353	37.37	29.95	15.31	79.81	81.1	20.63	16.05	0	441.2	26.46	5.372	-0.028	12.85
5/13/2011 20:00	15844	7.818	43.67	21.35	18.89	4.999	42.47	24	17.1	79.08	79.42	20.77	16.83	0	221.3	26.45	5.35	-0.022	12.98
5/13/2011 21:00	15845	6.86	70.31	9.55	11.74	4.013	70.75	16.85	8.16	75.8	75.28	23.73	20.43	0	30.2	26.44	5.331	-0.018	12.91
5/13/2011 22:00	15846	8.64	80.3	8.91	15.31	4.688	80.3	17.5	9.95	70.33	69	27.44	24.58	0	0.016	26.43	5.312	-0.019	12.75
5/13/2011 23:00	15847	9.51	79.2	8.47	13.52	5.297	76.07	17.6	9.95	67.48	66.59	29.24	26.02	0	0	26.43	5.301	-0.011	14.41
5/14/2011 0:00	15848	10.36	77.03	8.04	15.31	5.804	72.8	17.75	11.74	63.55	62.61	31.47	28.3	0	0	26.42	5.289	-0.012	13.13
5/14/2011 1:00	15849	11.26	81.6	8.72	24.26	6.289	78.28	17.99	11.74	61.41	60.63	30.24	26.94	0	0	26.41	5.273	-0.016	13.92
5/14/2011 2:00	15850	10.79	78.97	8.11	15.31	6.073	74.89	17.67	9.95	58.37	57.61	31.09	27.73	0	0	26.4	5.263	-0.01	12.82
5/14/2011 3:00	15851	11.9	77.63	8.63	17.1	6.771	73.76	17.81	11.74	56.67	56.02	31	27.45	0	0	26.38	5.248	-0.016	12.79
5/14/2011 4:00	15852	11.3	81.2	8.86	22.47	6.362	77.27	18.06	15.31	55.11	54.42	33.49	29.85	0	0	26.37	5.242	-0.006	12.92
5/14/2011 5:00	15853	12.14	77.89	9.16	18.89	7.158	74.36	18.09	13.52	54.16	53.7	37.27	33.35	0	0	26.37	5.233	-0.009	14.44
5/14/2011 6:00	15854	12.19	70.09	7.954	17.1	7.747	69.64	16.29	13.52	51.05	50.76	42.79	38.58	0	0	26.36	5.227	-0.006	14.84
5/14/2011 7:00	15855	12.22	65.46	8.63	18.89	7.752	64.77	16.1	13.52	49.45	49.17	47.57	43.27	0	1.556	26.36	5.221	-0.006	12.15
5/14/2011 8:00	15856	11.29	68.84	10	17.1	7.2	67.59	16.98	13.52	49.85	49.94	50.27	45.51	0	93	26.38	5.214	-0.006	14.22
5/14/2011 9:00	15857	12.22	91.4	10.78	20.68	7.903	90	20.23	17.1	54.71	55.97	47.97	42.3	0	303.4	26.43	5.207	-0.008	12.75
5/14/2011 10:00	15858	13.26	88.8	11.11	20.68	8.42	86.8	20.33	15.31	57.37	59.81	45.9	39.28	0	530.8	26.46	5.203	-0.003	12.94
5/14/2011 11:00	15859	11.29	92.1	16.64	18.89	7.696	91.5	25.71	15.31	60.7	63.66	41.43	34.73	0	737.5	26.48	5.196	-0.007	14.84
5/14/2011 12:00	15860	12.07	98.6	18.55	20.68	8.13	98.3	27.1	15.31	64.28	67.7	36.92	30.26	0	918	26.49	5.186	-0.01	14.87
5/14/2011 13:00	15861	12.15	97	18.77	24.26	8.18	95.9	28.03	18.89	67.57	71.39	32.28	25.73	0	1035	26.5	5.17	-0.016	12.89
5/14/2011 14:00	15862	13.18	88.8	17.56	26.05	8.9	87	25.85	17.1	70.1	73.95	28.13	21.81	0	1085	26.48	5.144	-0.026	14.12
5/14/2011 15:00	15863	12.19	109.6	23.3	22.47	8.22	109.4	32.62	20.68	72.78	76.87	24.76	18.71	0	1071	26.46	5.121	-0.023	13.38
5/14/2011 16:00	15864	11.65	118.9	23.86	24.26	7.987	119.4	33.19	18.89	74.79	78.53	22.88	17.2	0	986	26.44	5.096	-0.026	12.83
5/14/2011 17:00	15865	12.36	112.8	20.6	20.68	8.26	112.4	28.96	15.31	75.98	79.45	21.8	16.26	0	842	26.41	5.07	-0.025	14.34
5/14/2011 18:00	15866	13.01	117.3	17.7	24.26	8.61	117.4	27.26	18.89	75.78	78.53	21.26	16.14	0	651.6	26.38	5.029	-0.041	12.82
5/14/2011 19:00	15867	14.22	118.4	14.67	24.26	9.09	118.8	23.76	20.68	75.43	77.46	21.3	16.53	0	432.3	26.36	5.007	-0.022	14.61
5/14/2011 20:00	15868	13.94	123.7	12.36	24.26	8.51	125	20.89	17.1	74.35	75.04	21.6	17.57	0	211.9	26.35	4.973	-0.034	12.82
5/14/2011 21:00	15869	10.94	116.5	13.38	17.1	6.635	116.5	21.92	13.52	71.28	70.99	22.98	19.36	0	28.84	26.34	4.954	-0.019	12.72
5/14/2011 22:00	15870	10.46	95.7	8.7	17.1	6.489	94.7	17.94	11.74	66.71	66.03	24.87	21.31	0	0.01	26.32	4.942	-0.012	12.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/14/2011 23:00	15871	12.1	90.2	8.8	18.89	7.358	89.1	18.05	15.31	64.81	64.2	26.37	22.73	0	0	26.32	4.93	-0.012	14.4
5/15/2011 0:00	15872	12.77	88.2	8.25	18.89	7.651	87.4	17.39	13.52	62.52	62	28.97	25.21	0	0	26.33	4.918	-0.013	12.6
5/15/2011 1:00	15873	12.34	93.4	8.93	18.89	7.753	92.5	17.73	13.52	60.41	59.91	31.69	27.88	0	0	26.32	4.902	-0.016	14.47
5/15/2011 2:00	15874	13.8	96.9	8.87	22.47	9.01	95.6	18.15	18.89	59.3	58.89	34.54	30.62	0	0	26.31	4.892	-0.01	12.63
5/15/2011 3:00	15875	12.34	99.5	9.61	22.47	8.02	99	18.72	17.1	57.66	57.27	37.62	33.69	0	0	26.3	4.883	-0.01	12.53
5/15/2011 4:00	15876	12.2	97	9.17	20.68	7.898	95.7	18.36	17.1	56.21	55.82	40.39	36.45	0	0	26.3	4.877	-0.006	12.36
5/15/2011 5:00	15877	12.48	96	8.81	20.68	8	95.1	18.32	15.31	54.86	54.46	43.71	39.73	0	0	26.29	4.87	-0.006	12.48
5/15/2011 6:00	15878	12.49	89.8	8.8	18.89	7.632	87.5	17.86	15.31	53.74	53.38	46.6	42.62	0	0	26.29	4.865	-0.006	12.56
5/15/2011 7:00	15879	12.61	86.8	8.98	18.89	7.507	85.7	18.89	15.31	51.43	51.12	49.71	45.6	0	1.28	26.3	4.859	-0.006	12.8
5/15/2011 8:00	15880	13.37	86.6	8.15	20.68	7.924	85.8	18.08	15.31	51.19	51.22	50.78	46.25	0	67.64	26.32	4.856	-0.003	12.81
5/15/2011 9:00	15881	14.01	96	10.34	22.47	9.02	95.4	19.98	18.89	54.35	55.19	49.09	43.86	0	197.5	26.36	4.848	-0.008	12.68
5/15/2011 10:00	15882	14.59	99.9	10.51	26.05	9.71	99.1	20.21	20.68	56.84	57.92	47.59	42.26	0	245	26.4	4.845	-0.003	12.46
5/15/2011 11:00	15883	15.72	94.9	12.99	26.05	10.14	94	21.56	18.89	60.15	62.48	43.94	37.62	0	637.2	26.43	4.838	-0.006	12.66
5/15/2011 12:00	15884	16.08	96.1	15.22	27.84	10.42	95.3	23.28	22.47	63.34	66.44	39.24	32.55	0	848	26.45	4.827	-0.011	14.92
5/15/2011 13:00	15885	13.83	125.6	19.97	26.05	9.02	127	28.84	20.68	66.69	70.59	35.09	28.25	0	1008	26.47	4.818	-0.01	12.93
5/15/2011 14:00	15886	11.99	129	25.87	26.05	8.08	128.5	32.58	17.1	69.93	74	33	26.26	0	1055	26.47	4.795	-0.022	12.91
5/15/2011 15:00	15887	11.08	139.3	26.53	20.68	7.487	140.8	34.95	17.1	72.46	76.44	31.73	25.13	0	1046	26.46	4.751	-0.045	15.02
5/15/2011 16:00	15888	10.54	139.9	23.62	20.68	7.21	144.3	32.67	15.31	74.5	78.26	30.59	24.26	0	971	26.44	4.734	-0.016	15.13
5/15/2011 17:00	15889	10.87	131.2	28.45	20.68	7.349	132.1	37.37	17.1	76.09	79.45	29.02	23.01	0	839	26.42	4.712	-0.022	12.85
5/15/2011 18:00	15890	9.48	139.8	28.52	18.89	6.398	143.9	35.86	15.31	76.85	79.67	29.14	23.48	0	652.8	26.4	4.687	-0.025	12.92
5/15/2011 19:00	15891	9.73	133.7	23.22	20.68	6.457	136.5	31.51	17.1	76.8	79.12	29.32	23.99	0	438.9	26.39	4.665	-0.022	14.55
5/15/2011 20:00	15892	9.55	125.3	15.93	17.1	5.999	127.3	24.86	13.52	75.92	76.78	30.04	25.81	0	219.5	26.38	4.643	-0.022	12.89
5/15/2011 21:00	15893	9.39	112.1	11.98	15.31	5.772	112.9	21.11	11.74	72.56	72.37	32.65	29.02	0	30.93	26.38	4.628	-0.015	14.8
5/15/2011 22:00	15894	8.73	106.2	8.46	13.52	5.239	105.4	18.64	9.95	68.11	67.31	36.6	33.3	0	0.03	26.37	4.615	-0.013	12.75
5/15/2011 23:00	15895	8.95	98.2	8.49	13.52	5.527	96.9	17.65	9.95	63.95	63.27	41.08	37.61	0	0	26.36	4.607	-0.008	12.77
5/16/2011 0:00	15896	9.86	98	8.96	15.31	6.163	97.1	18.16	11.74	61.51	60.88	43.31	39.81	0	0	26.35	4.598	-0.009	12.71
5/16/2011 1:00	15897	10.96	109.6	9.09	27.84	6.557	109	19.54	17.1	60.63	60.01	45.09	41.53	0	0	26.33	4.591	-0.006	12.76
5/16/2011 2:00	15898	8.91	95.3	8.38	15.31	5.401	94.2	17.31	9.95	56.91	56.29	49.18	45.67	0	0	26.32	4.585	-0.006	12.84
5/16/2011 3:00	15899	9.69	90.8	8.12	13.52	5.745	89.7	17.17	9.95	54.5	53.94	51.51	47.86	0	0	26.31	4.579	-0.006	12.51
5/16/2011 4:00	15900	8.66	89.6	7.448	13.52	5.03	90	16.66	9.95	52.37	51.74	54.91	51.24	0	0	26.3	4.577	-0.002	12.62
5/16/2011 5:00	15901	8.51	88	7.671	11.74	4.781	89.3	16.84	9.95	50.7	50.04	58.82	55.16	0	0	26.29	4.571	-0.006	12.58
5/16/2011 6:00	15902	8.85	90.2	7.355	11.74	5.066	89.9	16.34	8.16	49.34	48.7	62.76	58.91	0	0	26.29	4.567	-0.003	12.49
5/16/2011 7:00	15903	9.27	93	8.22	15.31	5.631	91.5	16.53	9.95	49.1	48.47	66.36	62.47	0	1.644	26.28	4.564	-0.003	13.05
5/16/2011 8:00	15904	10.38	103.2	10.51	18.89	6.516	100.8	20.42	15.31	51.39	51.32	64.3	59.83	0	92	26.3	4.561	-0.003	12.68
5/16/2011 9:00	15905	14.37	120.1	10.62	22.47	8.71	120.4	21.68	17.1	57.26	58.58	55.68	50.04	0	302.9	26.34	4.556	-0.005	12.84
5/16/2011 10:00	15906	14.05	130.6	12.91	20.68	8.76	133.5	22.32	15.31	62.44	64.8	47.44	41.3	0	534.1	26.38	4.531	-0.026	15.1
5/16/2011 11:00	15907	14.56	150.4	15.58	24.26	9.14	153.3	21.91	17.1	67.02	69.96	42.7	36.1	0	736.4	26.42	4.523	-0.007	13.19
5/16/2011 12:00	15908	13.91	151.1	18.68	26.05	9.07	154.4	25.7	18.89	69.96	73.49	42.92	35.81	0	917	26.44	4.507	-0.016	12.93
5/16/2011 13:00	15909	14.94	146.6	14.97	27.84	9.58	149.2	22.69	18.89	73.03	76.75	38.47	31.6	0	992	26.44	4.491	-0.016	12.94
5/16/2011 14:00	15910	15.45	159	17.81	27.84	9.75	161.7	24.53	18.89	76.6	80.5	33.5	26.83	0	1042	26.42	4.462	-0.029	13.61
5/16/2011 15:00	15911	15.18	151.3	18.63	27.84	9.57	154	24.62	20.68	79.87	84	29.75	23.31	0	1050	26.4	4.433	-0.029	12.8
5/16/2011 16:00	15912	13.79	162.2	21.99	29.63	8.87	164.3	27.71	20.68	81.5	84.6	26.71	21.08	0	744.8	26.38	4.405	-0.028	12.81
5/16/2011 17:00	15913	11.53	165.2	23.43	24.26	7.562	168.9	28.36	18.89	83.8	86.8	24.52	19.09	0	733.3	26.35	4.382	-0.022	12.88
5/16/2011 18:00	15914	12.33	158.3	19.83	26.05	7.935	161	27.36	18.89	84.7	87.4	24.01	18.76	0	641	26.32	4.357	-0.025	12.88
5/16/2011 19:00	15915	13.6	158.4	16.64	22.47	8.5	161.8	22.88	17.1	84.2	86.4	23.7	18.77	0	428	26.3	4.325	-0.032	12.79

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/16/2011 20:00	15916	13.98	160	12.98	22.47	8.32	162.7	19.77	17.1	83.2	83.8	25.04	21	0	211.7	26.28	4.303	-0.022	12.8
5/16/2011 21:00	15917	12.81	150	9.97	20.68	7.586	152.6	16.61	15.31	80.2	79.9	27.41	23.93	0	28.09	26.26	4.282	-0.022	13.75
5/16/2011 22:00	15918	10.48	143.8	8.42	18.89	6.068	145.5	17.36	11.74	76.61	75.65	30.94	27.88	0	0.034	26.25	4.266	-0.015	12.76
5/16/2011 23:00	15919	10.01	151.5	9.13	15.31	5.554	153.5	16.76	9.95	74.1	72.99	34.28	31.31	0	0.004	26.24	4.257	-0.01	12.73
5/17/2011 0:00	15920	8.96	151.6	11.77	17.1	4.979	150.9	19.56	9.95	72.17	70.98	40.39	37.5	0	0.001	26.24	4.238	-0.019	12.84
5/17/2011 1:00	15921	11.52	174	8.79	26.05	6.605	177.7	17.13	13.52	70.91	70.16	46.99	43.77	0	0.002	26.23	4.228	-0.009	12.99
5/17/2011 2:00	15922	10.06	167	8.54	17.1	5.547	169.3	16.3	13.52	67.69	66.84	53.62	50.56	0	0	26.21	4.22	-0.009	12.92
5/17/2011 3:00	15923	10.22	155.5	9.06	17.1	5.869	157.5	16.74	11.74	66.34	65.57	59.51	56.35	0	0	26.18	4.214	-0.006	12.82
5/17/2011 4:00	15924	8.29	154	10.47	13.52	4.542	156.1	17.78	9.95	64.32	63.39	64.8	61.85	0	0	26.16	4.211	-0.003	12.74
5/17/2011 5:00	15925	8.14	166.7	9.39	13.52	4.366	169.7	17.57	8.16	62.86	61.96	69.4	66.34	0	0	26.15	4.208	-0.003	12.98
5/17/2011 6:00	15926	5.981	163.7	7.947	9.95	2.466	163.6	14.75	6.368	61.05	59.37	74.3	72.19	0	0	26.13	4.204	-0.003	12.8
5/17/2011 7:00	15927	3.506	161.5	20.4	6.368	0.727	125.1	9.69	2.789	59.63	57.39	77.98	76.81	0	1.697	26.12	4.204	0	12.7
5/17/2011 8:00	15928	3.819	169.9	22.73	11.74	1.139	171.9	17.63	6.368	59.96	58.78	77.85	75.09	0	96.5	26.12	4.201	-0.003	14.91
5/17/2011 9:00	15929	8.84	166.6	15.29	17.1	5.591	169.5	21.6	13.52	65.17	66.61	69.24	63.01	0	316.2	26.15	4.201	-0.001	12.88
5/17/2011 10:00	15930	10.3	197.3	14.17	15.31	7.136	200.9	18.04	13.52	69.79	71.87	59.16	52.6	0	545.7	26.18	4.193	-0.007	14.45
5/17/2011 11:00	15931	10.41	229.3	19.94	18.89	8.1	230.5	20.72	17.1	75.64	77.19	42.01	36.8	0	741.9	26.2	4.181	-0.013	14.14
5/17/2011 12:00	15932	15.7	263.1	16.49	31.42	12.66	262.5	17.77	27.84	82.5	83.9	12.7	8.6	0	923	26.21	4.139	-0.042	14.61
5/17/2011 13:00	15933	16.78	249.5	14.79	29.63	13.42	249.4	16.13	26.05	84.9	86.4	9.31	5.069	0	1047	26.21	4.11	-0.029	12.81
5/17/2011 14:00	15934	17	239.6	14.99	29.63	13.18	240.5	16.13	24.26	86.7	88.7	6.004	2.095	0	1086	26.2	4.072	-0.038	12.71
5/17/2011 15:00	15935	18.83	245.1	14.88	34.99	14.58	245.6	15.68	27.84	86.6	88.1	5.073	1.815	0	789.2	26.19	4.021	-0.051	12.75
5/17/2011 16:00	15936	17.99	246.5	16.13	31.42	14.1	246.6	16.97	26.05	87.1	88.4	4.645	1.815	0	789.1	26.17	3.98	-0.041	12.95
5/17/2011 17:00	15937	18.62	246.8	16.22	92.2	14.54	247.4	16.61	58.25	87.6	89.1	4.4	1.858	0	847	26.04	3.91	-0.07	12.38
5/17/2011 18:00	15938	17.99	242.3	14.24	42.15	13.84	242	15.53	29.63	87.4	88.5	4.893	1.815	0	667.3	26.14	3.869	-0.041	12.59
5/17/2011 19:00	15939	18.62	249.3	15.09	29.63	14.5	249.5	15.41	26.05	87.8	88.6	6.127	2.184	0	431.4	26.05	3.828	-0.041	14.36
5/17/2011 20:00	15940	18.68	255	10.22	31.42	14.56	254.7	11.8	27.84	86.2	86.3	7.911	3.911	0	211.3	26.11	3.803	-0.025	12.87
5/17/2011 21:00	15941	12.95	254.9	9.25	24.26	9.91	254.4	9.66	18.89	83.1	82.7	9.2	5.296	0	26.91	26.1	3.781	-0.022	12.81
5/17/2011 22:00	15942	9.18	261.6	8.31	15.31	6.338	260.2	8.85	11.74	78.42	77.55	11.19	7.582	0	0.044	26.09	3.75	-0.031	14.89
5/17/2011 23:00	15943	8.89	272.5	12.18	15.31	6.224	272.9	15.56	11.74	75.35	74.39	13.45	9.88	0	0.005	26.09	3.74	-0.009	12.83
5/18/2011 0:00	15944	10.7	274	11.08	17.1	7.853	272.5	12.68	13.52	74.26	73.5	14.65	11	0	0.003	26.08	3.724	-0.016	12.96
5/18/2011 1:00	15945	7.927	291.8	8.63	17.1	5.021	297.8	12.63	13.52	69.37	68.05	17.36	14.1	0	0.001	26.07	3.712	-0.012	12.89
5/18/2011 2:00	15946	13.7	279.2	10.04	22.47	10.38	277.5	12.14	17.1	72.25	71.4	15.71	12.15	0	0	26.04	3.696	-0.016	12.87
5/18/2011 3:00	15947	13.92	280.8	10.79	22.47	10.69	279.8	13	18.89	72.55	72.01	15.9	12.15	0	0	26.04	3.68	-0.016	12.8
5/18/2011 4:00	15948	16.41	285.5	9.25	26.05	12.65	284.9	11.89	22.47	71.82	71.38	16.93	13.11	0	0.001	26.03	3.664	-0.016	13.03
5/18/2011 5:00	15949	14.96	286.1	9.69	26.05	11.71	286.3	12.47	22.47	70.32	69.9	18.51	14.7	0	0.001	26.02	3.655	-0.009	12.63
5/18/2011 6:00	15950	14.83	275.3	9.9	22.47	11.51	273.2	10.89	18.89	70.79	70.3	18.63	14.88	0	0	26.03	3.645	-0.009	12.97
5/18/2011 7:00	15951	8.99	219.7	60.66	20.68	5.813	215	65.16	17.1	65.83	64.94	22.33	18.96	0	1.883	26.04	3.64	-0.006	12.76
5/18/2011 8:00	15952	4.959	215.2	54.24	9.95	2.608	204.7	63.34	6.368	64.03	61.94	24.12	21.92	0	108.8	26.04	3.634	-0.006	12.57
5/18/2011 9:00	15953	7.221	238.2	38.92	18.89	5.592	238.7	40.09	18.89	68.88	69.74	22.1	17.84	0	314.1	26.07	3.62	-0.014	12.86
5/18/2011 10:00	15954	15.95	267.4	13.31	27.84	12.65	265.9	14.74	22.47	75.17	76.15	19.22	14.77	0	545.2	26.1	3.591	-0.029	13.04
5/18/2011 11:00	15955	20.34	267.3	13.54	33.21	16.35	266.6	14.42	27.84	77.17	78.33	18.74	14.16	0	743.2	26.12	3.575	-0.016	12.93
5/18/2011 12:00	15956	22.5	258.3	13.67	36.78	17.92	257.7	14.34	29.63	78.4	79.74	18.83	14.14	0	921	26.12	3.537	-0.038	12.85
5/18/2011 13:00	15957	21.18	252.4	16.54	36.78	16.8	251.9	16.85	29.63	80	81.7	17.6	12.79	0	1039	26.11	3.499	-0.038	12.83
5/18/2011 14:00	15958	16.99	240.1	16.47	29.63	13.25	240.3	17.28	26.05	82.6	84.5	16.12	11.24	0	1083	26.1	3.47	-0.029	12.98
5/18/2011 15:00	15959	17.83	242.2	18.68	31.42	13.83	243.1	18.61	29.63	83.6	85.6	15.78	10.84	0	1056	26.09	3.419	-0.051	15.04
5/18/2011 16:00	15960	21.06	238.3	14.87	34.99	15.98	239.3	15.14	29.63	85	87	14.58	9.73	0	1021	26.07	3.375	-0.045	14

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/18/2011 17:00	15961	22.13	231.7	15.14	40.36	16.44	233.3	16.1	29.63	85.6	87.3	13.59	8.88	0	811	26.05	3.33	-0.044	12.84
5/18/2011 18:00	15962	22.87	236.8	14.57	38.57	16.95	237.5	15.45	29.63	86.2	87.5	12.79	8.32	0	663	26.02	3.286	-0.044	13.14
5/18/2011 19:00	15963	21.15	221.5	11.13	36.78	14.81	223.2	13.75	29.63	86.4	87.6	12.47	8.06	0	447	26	3.251	-0.035	14.25
5/18/2011 20:00	15964	17.76	227.2	11.61	31.42	12.59	228.4	13.37	24.26	85.8	86	12.28	8.31	0	150.9	25.99	3.229	-0.022	12.81
5/18/2011 21:00	15965	9.85	218.4	10.86	18.89	6.394	219.3	13.86	17.1	83.1	82.3	13.28	9.72	0	20.28	25.97	3.201	-0.028	12.88
5/18/2011 22:00	15966	7.589	178.8	16.44	11.74	3.225	172.9	21.19	8.16	78.75	75.59	16.2	14.14	0	0.038	25.96	3.189	-0.012	12.85
5/18/2011 23:00	15967	6.179	246.1	35.44	15.31	3.037	248.4	53.63	13.52	77.69	73.31	16.92	15.92	0	0.001	25.96	3.182	-0.006	12.76
5/19/2011 0:00	15968	8.65	216.2	12.91	13.52	4.441	219	17.65	8.16	77.38	74.27	16.51	14.44	0	0.001	25.96	3.179	-0.003	14.54
5/19/2011 1:00	15969	12.48	180.4	13.69	22.47	7.386	181.9	22.38	15.31	74.52	73.46	34.24	30.8	0	0.001	25.98	3.17	-0.01	12.78
5/19/2011 2:00	15970	11.25	198.8	15.94	18.89	6.927	202.2	19.63	15.31	72.9	72.11	47.18	43.9	0	0.001	25.99	3.163	-0.006	14.82
5/19/2011 3:00	15971	7.497	199.5	14.52	13.52	4.033	199.4	20.04	8.16	70.66	69.46	55.6	52.95	0	0.001	25.99	3.16	-0.003	12.84
5/19/2011 4:00	15972	3.904	214.7	28.55	8.16	0.746	220.3	21.14	4.578	66.94	64.43	62.52	61.78	0	0	25.98	3.161	0.001	12.79
5/19/2011 5:00	15973	3.409	197.7	70.24	6.368	1.658	83.7	46.24	4.578	65.24	61.59	64.04	64.63	0	0	25.98	3.161	0	12.87
5/19/2011 6:00	15974	4.421	228.8	65.87	11.74	2.329	344	80.8	6.368	65.07	60.38	50.42	58.75	0	0	25.97	3.158	-0.003	12.89
5/19/2011 7:00	15975	3.886	297.3	67	8.16	1.505	65.14	62.51	4.578	61.96	58.52	36.98	39.82	0	1.72	25.98	3.155	-0.003	12.67
5/19/2011 8:00	15976	3.306	313.9	15.78	9.95	1.778	326.9	20.83	8.16	64	61.48	34.01	34.95	0	103.5	26	3.152	-0.003	12.96
5/19/2011 9:00	15977	6.932	352.2	32.61	13.52	4.999	352.6	35.75	11.74	68.39	69.11	30.36	26.21	0	320.2	26.05	3.148	-0.004	13.05
5/19/2011 10:00	15978	5.487	346.7	49.64	11.74	4.269	347.1	48.85	11.74	73.36	74.71	28.55	23.98	0	542.9	26.1	3.135	-0.013	12.88
5/19/2011 11:00	15979	10.38	271	19.69	17.1	8.56	269.6	22.62	15.31	76.53	77.77	26.98	22.34	0	741	26.13	3.116	-0.019	13.37
5/19/2011 12:00	15980	16.38	246.6	16.28	29.63	13.03	247.2	17.32	26.05	79.48	81	24.79	20.14	0	915	26.15	3.08	-0.035	14.76
5/19/2011 13:00	15981	19.86	228.9	16.21	34.99	14.49	229.7	17.55	27.84	81.3	83.6	22.03	17.05	0	1029	26.15	3.055	-0.026	14.04
5/19/2011 14:00	15982	19.94	231.1	13.77	36.78	14.87	233.2	15.1	29.63	83.1	85.4	20.17	15.22	0	1074	26.14	3.013	-0.041	12.92
5/19/2011 15:00	15983	20.75	233.4	12.51	33.21	15.55	234.8	13.92	26.05	83.9	86.1	18.98	14.06	0	1057	26.14	2.953	-0.06	12.79
5/19/2011 16:00	15984	20.04	234.4	14.9	36.78	15.1	235.8	15.99	29.63	85.7	87.6	17.4	12.65	0	978	26.12	2.909	-0.044	12.79
5/19/2011 17:00	15985	19.8	225.5	16.51	34.99	14.31	227.2	18.32	29.63	87.5	89.6	14.95	10.27	0	849	26.11	2.868	-0.041	12.81
5/19/2011 18:00	15986	16.16	216.6	16.83	29.63	11.42	218.8	18.46	22.47	88.8	90.8	13.55	9.01	0	655.7	26.09	2.836	-0.032	12.76
5/19/2011 19:00	15987	16.09	232.7	13.35	31.42	12.01	233.7	14.66	26.05	89.1	90.1	12.76	8.54	0	441.2	26.09	2.801	-0.035	14.69
5/19/2011 20:00	15988	12.6	260.6	22.29	26.05	9.73	260.2	23.61	20.68	87.1	87.2	14.23	10.43	0	161.6	26.08	2.77	-0.031	12.84
5/19/2011 21:00	15989	8.79	296.5	11	15.31	6.694	298.6	13.29	11.74	84.4	84.2	16.81	13.12	0	53.79	26.08	2.757	-0.012	12.9
5/19/2011 22:00	15990	9.79	311.3	11.83	15.31	7.404	314.1	12.47	13.52	80.3	79.95	19.79	16.16	0	0.085	26.08	2.729	-0.028	15.07
5/19/2011 23:00	15991	11.11	326.7	7.747	17.1	8.57	328.2	8.92	13.52	76.12	75.69	21.13	17.52	0	0.013	26.09	2.704	-0.025	12.88
5/20/2011 0:00	15992	9.62	323	7.453	17.1	7.32	324.9	8.58	13.52	72.96	72.5	21.06	17.43	0	0.002	26.1	2.694	-0.01	12.91
5/20/2011 1:00	15993	14.01	328	16.87	26.05	11.01	328.6	17.07	22.47	72.16	71.95	22.32	18.46	0	0.001	26.11	2.682	-0.013	13.36
5/20/2011 2:00	15994	11.2	347.5	10.14	22.47	8.48	346.4	12.41	17.1	69.83	69.78	24.59	20.55	0	0.002	26.12	2.669	-0.013	12.87
5/20/2011 3:00	15995	6.202	352.9	9.98	11.74	4.042	355.3	12.66	8.16	66.33	65.7	27.58	23.92	0	0	26.13	2.654	-0.015	14.33
5/20/2011 4:00	15996	5.635	353.8	30.66	11.74	3.302	353.3	41.48	8.16	63.84	61.37	29.68	27.74	0	0	26.12	2.654	0	12.76
5/20/2011 5:00	15997	7.96	346.6	12.96	13.52	5.602	348.2	15.61	9.95	62.09	61.24	29.25	25.95	0	0	26.14	2.648	-0.006	12.64
5/20/2011 6:00	15998	6.454	4.269	8.73	9.95	4.095	9.03	10.73	6.368	59.84	58.59	31.18	28.16	0	0	26.16	2.644	-0.003	13.88
5/20/2011 7:00	15999	6.551	359.3	9.96	11.74	4.27	0.489	12.59	8.16	58.79	58.13	31.7	28.19	0	0.465	26.17	2.641	-0.003	12.82
5/20/2011 8:00	16000	3.106	303.4	44.81	8.16	1.901	282	60.5	6.368	58.2	57.78	32.83	29.4	0	32.78	26.18	2.638	-0.003	12.9
5/20/2011 9:00	16001	1.878	22.69	73.48	4.578	1.03	174.2	51.21	4.578	59.19	58.72	32.38	29.74	0	117.4	26.2	2.635	-0.003	14.72
5/20/2011 10:00	16002	4.935	48.46	26.79	11.74	3.351	42.51	28.6	9.95	64.63	65.66	27.72	23.26	0	424.8	26.23	2.632	-0.003	13.13
5/20/2011 11:00	16003	6.574	321.4	38.14	15.31	5.429	322.3	42.82	13.52	68.43	69.72	24.38	19.35	0	757.1	26.28	2.621	-0.01	13.12
5/20/2011 12:00	16004	11.12	283.2	30.02	22.47	9.02	281.6	32.4	18.89	72.03	73.57	19.5	14.59	0	929	26.3	2.602	-0.019	13.03
5/20/2011 13:00	16005	15.88	273.7	23.68	29.63	13.04	273.6	25.98	27.84	73.75	75.43	16.15	11.29	0	1065	26.3	2.564	-0.038	12.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/20/2011 14:00	16006	16.12	259.4	18.69	29.63	13.1	258.4	20.86	26.05	76.49	78.25	13.7	8.95	0	1112	26.28	2.535	-0.029	14.19
5/20/2011 15:00	16007	16.9	270.9	18.75	31.42	13.84	269.6	20.35	26.05	78.47	80.3	9.26	4.574	0	1103	26.27	2.459	-0.076	12.78
5/20/2011 16:00	16008	16.1	263.1	19.68	36.78	13.09	262.3	20.72	29.63	79.28	80.9	5.986	1.867	0	1026	26.27	2.421	-0.038	12.83
5/20/2011 17:00	16009	15.24	272.2	15.89	29.63	12.39	271.4	17.9	26.05	80.5	82.1	5.167	1.758	0	881	26.25	2.405	-0.016	13.01
5/20/2011 18:00	16010	16.55	255.3	14.99	31.42	13.24	255.3	15.61	24.26	80.7	81.8	4.653	1.756	0	695.1	26.24	2.37	-0.035	12.93
5/20/2011 19:00	16011	17.13	264.5	15.78	31.42	13.6	263.3	16.55	26.05	80.5	81.4	4.922	1.768	0	475.6	26.23	2.332	-0.038	14.6
5/20/2011 20:00	16012	16.72	264.7	14.21	27.84	13.26	263.5	14.52	24.26	79.46	79.52	5.903	2.006	0	250.6	26.23	2.31	-0.022	12.84
5/20/2011 21:00	16013	13.91	261.5	9.78	24.26	10.76	260.2	10.23	18.89	76.58	76.45	8.43	4.293	0	42.4	26.23	2.292	-0.019	13.95
5/20/2011 22:00	16014	8.86	253.8	7.773	17.1	6.103	252	8.47	11.74	71.62	70.81	11.75	7.965	0	0.062	26.23	2.282	-0.009	12.78
5/20/2011 23:00	16015	5.799	234.7	17.54	9.95	2.499	233.3	28.19	6.368	67.24	64.52	15.49	12.84	0	0	26.22	2.28	-0.003	14.33
5/21/2011 0:00	16016	5.55	223.3	11.1	8.16	1.639	229	18.58	4.578	63.79	60.23	17.72	15.77	0	0	26.2	2.261	-0.019	12.67
5/21/2011 1:00	16017	4.107	199.2	24.03	9.95	2.213	139.5	28.08	4.578	61.4	57.06	19.23	17.92	0	0	26.18	2.254	-0.006	12.56
5/21/2011 2:00	16018	4.285	225.3	13.74	8.16	1.19	176.1	20.38	6.368	60.89	55.95	18.91	18.24	0	0	26.17	2.252	-0.003	12.5
5/21/2011 3:00	16019	4.134	222.4	39.39	6.368	1.08	99.1	36.31	4.578	58.7	53.97	20.33	19.71	0	0	26.16	2.249	-0.003	12.73
5/21/2011 4:00	16020	3.092	212.7	28.06	6.368	1.699	125.6	64.44	4.578	56.31	53.27	21.86	20.06	0	0	26.15	2.246	-0.003	12.62
5/21/2011 5:00	16021	4.797	256.2	8.81	8.16	1.667	282.6	14.63	4.578	56.43	52.91	21.43	20.16	0	0	26.16	2.246	0	12.49
5/21/2011 6:00	16022	4.147	283.6	19.56	9.95	2.054	295.7	42.82	4.578	55.86	52.5	22.78	20.98	0	0	26.17	2.239	-0.006	12.49
5/21/2011 7:00	16023	3.974	284	16.84	6.368	1.683	290.6	26.26	4.578	54.96	52	25.01	22.99	0	2.233	26.17	2.236	-0.003	14.88
5/21/2011 8:00	16024	3.658	284.5	12.46	6.368	1.469	279.7	12.49	4.578	55.76	54.35	26.9	23.11	0	110.8	26.2	2.236	0	14.98
5/21/2011 9:00	16025	7.079	275.8	22.65	17.1	5.855	274.8	23.72	15.31	63.93	64.54	27.57	22.69	0	330.7	26.25	2.223	-0.013	14.32
5/21/2011 10:00	16026	12.57	312.3	11.8	20.68	10.37	314.8	12.94	17.1	69.71	70.69	28.03	23.13	0	557.1	26.3	2.212	-0.01	13.01
5/21/2011 11:00	16027	12.6	300.6	15.91	20.68	10.53	302	18.59	18.89	73.07	74.27	24.94	19.99	0	760	26.32	2.197	-0.016	13.96
5/21/2011 12:00	16028	12.02	269.7	22.97	24.26	9.87	269.9	24.69	20.68	76.32	77.7	21.77	16.84	0	940	26.34	2.165	-0.032	14.4
5/21/2011 13:00	16029	13.41	254.6	22	24.26	10.86	255.3	22.61	20.68	78.92	80.7	18.76	13.79	0	1055	26.34	2.136	-0.029	15.1
5/21/2011 14:00	16030	14.09	247.2	21.07	31.42	11.3	248	23.08	33.21	81.3	83.2	15.47	10.62	0	1102	26.33	2.104	-0.032	12.85
5/21/2011 15:00	16031	13.99	257.6	22.86	26.05	11.31	257.2	23.92	24.26	83.4	85.3	12.41	7.636	0	1085	26.32	2.066	-0.038	12.93
5/21/2011 16:00	16032	13.43	255	21.79	27.84	10.85	255.3	22.38	24.26	85.1	86.8	11.02	6.331	0	1002	26.31	2.044	-0.022	14.88
5/21/2011 17:00	16033	14.83	254.9	20.28	27.84	11.99	255.1	20.13	22.47	86	87.5	11.25	6.667	0	858	26.29	2.006	-0.038	12.82
5/21/2011 18:00	16034	14.76	246.1	16.74	27.84	11.55	246.8	17.7	24.26	86.5	87.7	11.1	6.656	0	669.9	26.27	1.946	-0.06	12.81
5/21/2011 19:00	16035	16.89	240.4	14.41	38.57	12.93	240.8	14.97	29.63	85.9	86.8	9.43	5.113	0	461.5	26.26	1.914	-0.032	13.8
5/21/2011 20:00	16036	14.99	255.4	11.71	22.47	11.75	254.5	12.2	18.89	84.7	84.7	10.58	6.651	0	244.5	26.25	1.889	-0.025	12.83
5/21/2011 21:00	16037	9.34	256.7	10.74	17.1	6.616	255.3	11.5	15.31	81.9	81.3	12.75	9.14	0	42.8	26.24	1.879	-0.009	12.81
5/21/2011 22:00	16038	3.936	236.6	14.55	8.16	1.022	249	26.78	4.578	75.73	72.38	15.63	13.84	0	0.069	26.22	1.873	-0.006	14.07
5/21/2011 23:00	16039	5.105	247.2	9.81	9.95	1.491	251	13.92	6.368	71.3	67.41	17.82	16.42	0	0	26.21	1.87	-0.003	12.8
5/22/2011 0:00	16040	5.727	258.9	6.072	8.16	2.192	261.2	9.91	4.578	68.73	65.32	19.06	17.55	0	0	26.2	1.871	0	12.8
5/22/2011 1:00	16041	7.262	288.2	9.72	15.31	3.9	303.7	13.97	6.368	68.34	65	19.64	17.84	0	0	26.19	1.868	-0.003	13.1
5/22/2011 2:00	16042	7.415	292.5	7.37	11.74	4.199	298.8	12.84	8.16	68.9	66.38	20.28	17.91	0	0	26.19	1.864	-0.003	12.89
5/22/2011 3:00	16043	5.896	309.6	26.67	9.95	3.454	304.7	42.96	6.368	66.41	64.21	22.63	20.16	0	0	26.18	1.861	-0.003	12.77
5/22/2011 4:00	16044	7.708	322.5	5.414	9.95	4.357	322.2	10.7	6.368	66.3	63.88	22.35	20.02	0	0	26.17	1.858	-0.003	12.84
5/22/2011 5:00	16045	5.771	325.8	5.771	8.16	2.197	319.5	15.91	6.368	63.24	59.45	24.78	23.75	0	0	26.17	1.855	-0.003	12.62
5/22/2011 6:00	16046	5.787	323.9	20.07	17.1	1.749	315.8	26.95	11.74	63.63	58.84	24.68	24.58	0	0	26.17	1.855	0	12.54
5/22/2011 7:00	16047	5.992	302.2	76.41	15.31	3.103	332.6	60.65	11.74	60.99	58.11	26.87	25.22	0	2.502	26.18	1.852	-0.003	12.69
5/22/2011 8:00	16048	1.617	6.944	22.44	4.578	0.408	50.55	17.37	4.578	65	62.1	23.92	24.22	0	111.9	26.2	1.852	0	12.95
5/22/2011 9:00	16049	1.39	234.3	29.29	4.578	0.843	239.3	20.15	4.578	71.8	72.47	22.2	18.07	0	316.8	26.25	1.851	-0.001	15
5/22/2011 10:00	16050	4.965	51.43	21.59	11.74	2.985	47.72	20.89	8.16	78.73	80.4	17	12.58	0	538.1	26.3	1.851	0	12.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/22/2011 11:00	16051	4.453	73.62	70.99	9.95	3.09	69.37	73.51	8.16	83.9	85.8	13.79	9.37	0	732.9	26.33	1.847	-0.003	14.93
5/22/2011 12:00	16052	4.598	239.2	65.56	13.52	3.683	240.8	63.26	11.74	87.9	89.3	11.61	7.226	0	904	26.35	1.838	-0.01	12.92
5/22/2011 13:00	16053	7.51	205.4	37.38	20.68	5.77	207.6	42.01	20.68	88.4	90.4	10.8	6.269	0	1020	26.35	1.819	-0.019	12.89
5/22/2011 14:00	16054	8.45	208.9	32.56	18.89	6.366	214.4	33.73	17.1	90	92.4	9.15	4.444	0	1033	26.34	1.803	-0.016	12.92
5/22/2011 15:00	16055	9.51	220.4	38.87	22.47	7.298	222.9	41.25	17.1	91.6	93.9	7.827	3.16	0	1069	26.32	1.79	-0.013	12.86
5/22/2011 16:00	16056	11.82	212.5	28.35	24.26	8.8	215.7	31.29	18.89	92.5	94.8	7.12	2.456	0	991	26.31	1.778	-0.013	12.75
5/22/2011 17:00	16057	13.57	225.5	20.6	24.26	10.21	227.5	22.27	20.68	92.3	94.1	6.468	2.016	0	721.2	26.29	1.768	-0.01	12.88
5/22/2011 18:00	16058	11.9	239	21.19	24.26	9.21	239.4	22.56	18.89	91.7	92.8	6.381	2.083	0	499.7	26.25	1.759	-0.01	12.79
5/22/2011 19:00	16059	9.94	243.5	22.91	22.47	7.664	244	23.02	17.1	91.7	92.4	6.37	2.15	0	321	26.23	1.755	-0.003	12.98
5/22/2011 20:00	16060	8.49	225.3	17.77	17.1	6.165	226.2	18.53	13.52	91.1	91.3	6.59	2.581	0	216.3	26.21	1.752	-0.003	12.84
5/22/2011 21:00	16061	6.395	187.4	15.04	9.95	2.823	171.3	26	6.368	87.4	84.4	8.05	5.704	0	28.07	26.19	1.749	-0.003	12.79
5/22/2011 22:00	16062	8.14	171	7.22	15.31	3.152	159.9	10.71	9.95	82.2	76.69	10.9	9.57	0	0.052	26.17	1.746	-0.003	13.64
5/22/2011 23:00	16063	9.48	172.1	15.12	17.1	5.266	174.1	20.79	11.74	79.19	78.14	44.45	40.82	0	0.002	26.18	1.746	0	12.85
5/23/2011 0:00	16064	7.255	209	9.72	11.74	4.372	210.8	14.13	9.95	76.97	76.2	48.71	45.58	0	0.003	26.2	1.743	-0.003	12.78
5/23/2011 1:00	16065	5.545	195.3	12.21	11.74	2.663	197.3	18.17	6.368	74.22	73.03	60.23	57.03	0	0.002	26.19	1.743	0	12.77
5/23/2011 2:00	16066	5.516	187.9	8.19	8.16	2.314	189.3	12.14	6.368	72.44	71.05	73.39	70.3	0	0.001	26.17	1.743	0	12.84
5/23/2011 3:00	16067	3.683	183.5	11.89	6.368	0.26	179.1	7.624	2.789	70.28	68.29	81.3	79.3	0	0	26.16	1.744	0	14.69
5/23/2011 4:00	16068	2.426	239.9	18.88	4.578	0.05	330.3	1.594	2.789	69.03	66.64	85.2	81.3	0	0	26.15	1.744	0	14.54
5/23/2011 5:00	16069	4.222	263.4	9.96	8.16	1.12	283.7	15.73	4.578	68.58	64.89	86.3	83.4	0	0.002	26.14	1.744	0	12.73
5/23/2011 6:00	16070	1.697	224.1	13.95	4.578	0.913	138.3	14.6	4.578	66.37	62.54	91.1	87.2	0	0.421	26.13	1.744	0	12.87
5/23/2011 7:00	16071	3.91	231.1	31.6	8.16	1.415	292.1	45.45	4.578	64.85	60.26	94.8	89.5	0	2.375	26.13	1.741	-0.003	13.49
5/23/2011 8:00	16072	5.592	277	9.46	9.95	2.977	298.1	15.39	8.16	64.18	60.88	92.7	90.5	0	86.5	26.14	1.741	0	12.87
5/23/2011 9:00	16073	10.71	290.8	9.33	20.68	8.55	291.6	12.35	18.89	71.91	71.91	42.52	40.47	0	318.2	26.17	1.74	0	12.86
5/23/2011 10:00	16074	15.55	291.1	9.7	26.05	12.63	291.7	13.39	20.68	79.68	80.4	13.38	9.59	0	546.9	26.23	1.74	0	12.92
5/23/2011 11:00	16075	14.22	284.8	12.39	22.47	11.71	283.7	15.27	18.89	84.3	85.4	10.07	5.972	0	739.8	26.27	1.74	0	14.08
5/23/2011 12:00	16076	13.73	284.9	15.67	22.47	11.39	284.4	18.2	20.68	87.8	89.1	7.661	3.408	0	918	26.28	1.74	0	12.94
5/23/2011 13:00	16077	12.33	282.9	21.94	22.47	10.34	282.8	25.25	20.68	89.6	91	5.371	1.842	0	1036	26.3	1.736	-0.003	12.76
5/23/2011 14:00	16078	11.87	266.5	25.94	22.47	9.76	266	27.78	20.68	91.5	93	4.331	1.864	0	1084	26.29	1.733	-0.003	12.86
5/23/2011 15:00	16079	12.84	266.4	27.87	26.05	10.58	266.7	29.04	24.26	92.3	93.9	3.212	1.873	0	1074	26.28	1.73	-0.003	12.73
5/23/2011 16:00	16080	13.27	251.9	21.43	26.05	10.66	252.2	22.16	20.68	92.8	94.5	3.082	1.878	0	997	26.26	1.727	-0.003	12.77
5/23/2011 17:00	16081	14.2	245.1	20.68	27.84	11.26	245.2	22.62	24.26	93.1	94.6	2.538	1.877	0	859	26.25	1.724	-0.003	12.75
5/23/2011 18:00	16082	12.78	253.8	20.49	24.26	10.21	252.5	21.45	20.68	93.4	94.5	2.49	1.875	0	673.8	26.23	1.724	0	12.88
5/23/2011 19:00	16083	13.29	244.2	15.46	22.47	10.27	244.5	16.14	18.89	92.9	93.8	2.477	1.874	0	464.4	26.21	1.721	-0.003	12.75
5/23/2011 20:00	16084	16.78	231.2	11.74	27.84	12.21	232.6	13.11	20.68	91	91	2.54	1.83	0	241.7	26.2	1.718	-0.003	12.99
5/23/2011 21:00	16085	13.46	231.3	8.15	24.26	9.52	232.3	10.12	18.89	87.1	86.6	3.592	1.802	0	43.4	26.2	1.714	-0.003	12.73
5/23/2011 22:00	16086	9.02	237.2	7.389	13.52	5.72	238	9.02	9.95	81.2	79.85	5.176	1.906	0	0.105	26.19	1.715	0	12.88
5/23/2011 23:00	16087	6.958	243.2	19.88	13.52	3.589	242.3	19.56	11.74	76.98	73.97	6.784	3.678	0	0.002	26.17	1.712	-0.003	14.88
5/24/2011 0:00	16088	3.62	269.8	15.79	6.368	0.685	320.2	15.7	4.578	72.88	68.96	8.89	6.644	0	0	26.15	1.715	0.003	14.82
5/24/2011 1:00	16089	1.745	305.2	15.05	4.578	0.521	87.3	5.486	4.578	70.99	66.7	10.47	8.71	0	0	26.12	1.712	-0.003	12.83
5/24/2011 2:00	16090	1.659	44.52	50.61	4.578	2.258	77.38	16.35	4.578	68.87	63.42	11.61	10.94	0	0	26.09	1.712	0	13.77
5/24/2011 3:00	16091	5.509	177.3	58.63	11.74	2.107	133.7	20.56	6.368	67.11	60.45	12.27	12.25	0	0	26.07	1.712	0	12.85
5/24/2011 4:00	16092	4.912	191.4	36.88	11.74	1.882	205.7	42.71	6.368	63.5	60.43	13.45	11.18	0	0	26.07	1.712	0	13.07
5/24/2011 5:00	16093	5.483	170.6	41.39	11.74	2.12	119.7	19.41	6.368	64.51	58.71	13.02	12.61	0	0	26.06	1.712	0	12.55
5/24/2011 6:00	16094	4.485	157.4	28.97	9.95	1.999	116.5	36.15	8.16	64.29	59.27	13.36	12.25	0	0	26.06	1.709	-0.003	12.48
5/24/2011 7:00	16095	2.475	151.2	39.01	8.16	1.13	68.61	36.72	4.578	61.92	58.32	21.04	18.26	0	2.852	26.06	1.709	0	13.04

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/24/2011 8:00	16096	2.371	288	23.65	8.16	0.702	304.3	34.02	4.578	66.43	61.99	18.13	19.62	0	110.2	26.08	1.712	0.003	12.97
5/24/2011 9:00	16097	11.07	288.4	10.81	31.42	8.81	286.6	16.83	26.05	74.59	74.55	14.3	10.57	0	328.3	26.13	1.712	0	12.79
5/24/2011 10:00	16098	21.82	288.1	10.93	34.99	17.45	287.8	13.98	31.42	79.32	80	14.01	9.7	0	550.7	26.19	1.712	0	12.79
5/24/2011 11:00	16099	20.96	290.1	12.31	33.21	16.84	289.5	15.9	29.63	80.5	81.6	13.95	9.41	0	754.8	26.22	1.711	0	12.87
5/24/2011 12:00	16100	20.11	265.6	16.52	33.21	16.11	264.7	17.3	31.42	82.5	83.9	13.27	8.67	0	929	26.23	1.711	0	12.81
5/24/2011 13:00	16101	17.32	263.5	17.66	33.21	13.95	262.9	18.62	27.84	84.7	86.3	12.15	7.484	0	1019	26.23	1.711	0	14.52
5/24/2011 14:00	16102	22.89	260.7	15.61	42.15	18.23	259.6	16.05	36.78	86.5	88.1	7.032	2.691	0	1072	26.22	1.708	-0.003	12.6
5/24/2011 15:00	16103	27.35	267.5	13.29	47.52	21.9	266.5	14.35	42.15	86.1	87.6	4.505	1.81	0	1080	26.21	1.708	0	12.72
5/24/2011 16:00	16104	28.81	268	12.89	52.89	22.89	267.3	14.05	42.15	85.5	86.9	3.282	1.809	0	999	26.21	1.705	-0.003	12.92
5/24/2011 17:00	16105	29.04	265.1	12.17	49.31	22.89	264.2	13.09	43.94	85.6	86.8	2.594	1.812	0	858	26.2	1.702	-0.003	15.2
5/24/2011 18:00	16106	28.3	264.8	12.43	45.73	22.43	263.9	13.18	38.57	85.9	86.8	2.416	1.809	0	662.6	26.18	1.702	0	12.81
5/24/2011 19:00	16107	27.28	263.9	12.07	43.94	21.56	262.4	12.64	36.78	85.5	86.1	2.398	1.807	0	442.8	26.18	1.702	0	12.81
5/24/2011 20:00	16108	24.92	264.5	11.12	42.15	19.57	263.9	11.94	36.78	84.8	84.8	2.389	1.798	0	220.7	26.17	1.702	0	14.19
5/24/2011 21:00	16109	19.36	260.8	10.96	36.78	15.17	260.2	11.48	29.63	82.6	82.4	2.357	1.756	0	37.8	26.18	1.702	0	12.94
5/24/2011 22:00	16110	15.4	259.1	9.76	26.05	11.87	258.6	10.6	22.47	79.97	79.52	2.352	1.746	0	0.101	26.19	1.702	0	12.72
5/24/2011 23:00	16111	11.06	253.9	8.48	20.68	7.971	253.7	9.08	17.1	76.35	75.52	2.856	1.737	0	0.017	26.2	1.702	0	12.58
5/25/2011 0:00	16112	8.22	256.2	9.7	13.52	4.935	257.8	11.44	9.95	71.03	69.27	4.175	1.694	0	0.002	26.2	1.699	-0.003	12.59
5/25/2011 1:00	16113	7.849	292.7	29.19	17.1	4.755	296.3	33.17	13.52	68.29	66.16	5.199	1.765	0	0	26.19	1.703	0.004	12.53
5/25/2011 2:00	16114	8.35	320.3	27.17	11.74	5.232	322.4	30.58	8.16	67.43	65.2	6.66	2.901	0	0	26.18	1.7	-0.003	13.03
5/25/2011 3:00	16115	4.787	242.2	11.63	9.95	2.102	206.7	38.47	6.368	62.05	57.59	8.54	6.282	0	0	26.17	1.7	0	14.2
5/25/2011 4:00	16116	3.358	276.1	16.92	6.368	1.048	312	20.02	4.578	62.54	56.32	8.65	7.477	0	0	26.15	1.7	0	12.69
5/25/2011 5:00	16117	5.197	285	14	8.16	2.462	315.7	16.53	6.368	61.5	56.45	9.18	7.736	0	0	26.15	1.7	0	14.79
5/25/2011 6:00	16118	4.899	317.5	12.75	8.16	1.59	326.5	13.69	6.368	60.7	55.89	11.34	9.14	0	0	26.16	1.697	-0.003	14.31
5/25/2011 7:00	16119	7.056	320.5	7.503	11.74	3.501	320	8.66	8.16	61.4	57.22	16.37	13.41	0	3.304	26.18	1.7	0.003	12.72
5/25/2011 8:00	16120	7.664	319.8	8.95	13.52	5.07	320.7	9.9	11.74	60.93	59.63	20.98	17.2	0	109.9	26.22	1.7	-0.001	13.4
5/25/2011 9:00	16121	15.69	328.5	8.78	29.63	10.44	326.2	14.42	24.26	68.94	69.67	21.33	16.56	0	327.6	26.27	1.699	0	14.28
5/25/2011 10:00	16122	22.99	333.7	9.01	36.78	18.28	334.4	10.65	31.42	74.1	75.01	19.11	14.44	0	550.6	26.32	1.699	0	14.04
5/25/2011 11:00	16123	24.77	329.9	9.57	36.78	19.46	331	11.77	33.21	77.12	78.41	16.45	11.67	0	755.1	26.35	1.699	0	12.79
5/25/2011 12:00	16124	21.35	329.5	11.54	33.21	17.53	329.9	12.59	29.63	79.2	80.8	14.74	9.86	0	933	26.37	1.699	0	12.91
5/25/2011 13:00	16125	16.82	312.9	15.84	29.63	13.33	315.1	17.93	24.26	81.7	83.5	12.61	7.649	0	1045	26.4	1.702	0.003	12.86
5/25/2011 14:00	16126	15.1	311.2	17.46	31.42	11.03	313.2	23.86	26.05	83.5	86.2	11.17	5.881	0	1091	26.4	1.702	0	12.95
5/25/2011 15:00	16127	14.17	304.3	23.28	26.05	10.81	303.9	29.07	24.26	85.4	87.7	10.45	5.364	0	1074	26.39	1.702	0	12.82
5/25/2011 16:00	16128	14.8	305.6	28.27	27.84	12.33	305.7	29.84	24.26	86.6	88.2	10.33	5.487	0	992	26.38	1.702	0	13.15
5/25/2011 17:00	16129	11.31	284	29.2	22.47	9.42	284.1	31.25	18.89	87.6	88.9	10.05	5.337	0	848	26.37	1.702	0	12.81
5/25/2011 18:00	16130	11.46	294	28.76	24.26	9.53	294.5	30.4	20.68	88.5	89.6	9.28	4.68	0	661.8	26.35	1.702	0	14.47
5/25/2011 19:00	16131	9.02	274	30.63	22.47	7.452	271.9	32.36	17.1	88.7	89.5	9.03	4.599	0	452.7	26.35	1.698	-0.003	14.78
5/25/2011 20:00	16132	7.983	287.3	20.89	17.1	6.615	286.2	23.56	15.31	88.1	87.9	8.72	4.695	0	235.9	26.34	1.699	0	12.75
5/25/2011 21:00	16133	4.598	336	37.78	8.16	2.655	332.3	37.62	6.368	85.5	84.7	8.89	5.454	0	44.76	26.35	1.699	0	12.9
5/25/2011 22:00	16134	9.57	59.21	17.79	17.1	5.608	58.14	21.32	11.74	78.41	77.45	11.4	7.625	0	0.116	26.35	1.696	-0.003	12.81
5/25/2011 23:00	16135	12.13	71.9	8.15	17.1	7.336	70.45	16.68	13.52	73.87	73.03	18.95	15.13	0	0.006	26.35	1.696	0	12.82
5/26/2011 0:00	16136	13.39	74.64	8.74	22.47	8.11	72.2	17.32	17.1	71.56	70.83	25.93	22.21	0	0.001	26.36	1.696	0	12.82
5/26/2011 1:00	16137	12.34	78.95	8.34	29.63	7.02	76.34	18.28	15.31	68.95	68.22	31	27.39	0	0.001	26.36	1.696	0	12.92
5/26/2011 2:00	16138	12.71	79.95	8.68	20.68	7.296	76.25	18.28	13.52	66.62	65.97	35.38	31.76	0	0	26.35	1.696	0	12.86
5/26/2011 3:00	16139	12.69	82.7	8.91	20.68	7.188	78.94	18.67	13.52	64.23	63.65	40.85	37.16	0	0	26.35	1.696	0	13.36
5/26/2011 4:00	16140	10.52	74.79	7.848	15.31	6.267	70.45	16.83	11.74	60.73	60.17	46.09	42.4	0	0	26.34	1.696	0	12.93

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/26/2011 5:00	16141	11.07	74.53	9.34	18.89	6.549	71.31	17.54	13.52	59.44	58.85	50.36	46.68	0	0	26.34	1.696	0	13.51
5/26/2011 6:00	16142	10.44	77.2	9.52	17.1	6.227	74.79	17.91	13.52	58.22	57.76	55.59	51.79	0	0	26.35	1.693	-0.003	13.38
5/26/2011 7:00	16143	12.42	78.55	9.24	20.68	7.343	75.78	18.44	15.31	56.94	56.55	63.43	59.32	0	3.124	26.36	1.693	0	13.06
5/26/2011 8:00	16144	11.61	77.34	10.94	22.47	7.207	74.69	18.67	17.1	56.14	56.25	65.34	60.54	0	104.7	26.37	1.693	0	12.97
5/26/2011 9:00	16145	13.37	97.6	12.21	22.47	8.76	96.5	20.62	17.1	59.81	61.04	59.57	53.88	0	314.9	26.41	1.696	0.003	12.92
5/26/2011 10:00	16146	12.39	103.4	14.42	22.47	8.13	102.3	23.92	18.89	62.76	65.17	53.75	47.08	0	534.5	26.45	1.696	0	12.89
5/26/2011 11:00	16147	10.83	122.3	18.23	18.89	7.186	123.4	27.89	15.31	66.57	69.95	49.08	41.83	0	735.6	26.47	1.696	0	14.04
5/26/2011 12:00	16148	11.45	138.8	19	22.47	7.635	142.5	25.99	18.89	70.02	73.79	44.77	37.48	0	915	26.47	1.696	0	13
5/26/2011 13:00	16149	13.16	145.6	17.87	29.63	8.55	147.9	25.14	22.47	73.67	77.59	39.69	32.67	0	1031	26.47	1.695	0	12.87
5/26/2011 14:00	16150	14	159.1	19.44	27.84	9.05	162.2	26.68	20.68	77.62	81.6	34.04	27.36	0	1077	26.45	1.698	0.003	12.85
5/26/2011 15:00	16151	14.77	166.1	18.98	26.05	9.61	169.6	25.19	20.68	82	85.8	28.56	22.38	0	1042	26.43	1.698	0	12.79
5/26/2011 16:00	16152	14.46	179.4	16.07	24.26	9.6	182.9	21.91	20.68	84.9	88.4	24.43	18.68	0	947	26.4	1.698	0	13.18
5/26/2011 17:00	16153	14.66	187.6	18	26.05	9.69	191.2	22.72	20.68	87.9	91.1	19.89	14.55	0	871	26.36	1.698	0	12.73
5/26/2011 18:00	16154	15.41	191.1	12.39	26.05	9.94	194.8	18.27	18.89	88.4	90.3	18.1	13.49	0	449.2	26.33	1.698	0	12.96
5/26/2011 19:00	16155	14.73	189.3	12.37	26.05	9.53	192.4	18.12	20.68	89	90.4	16.75	12.44	0	378.9	26.31	1.695	-0.003	12.9
5/26/2011 20:00	16156	13.23	177.6	13.39	20.68	8.19	180.1	19.16	15.31	88.3	88.5	16.88	13.13	0	132.5	26.28	1.698	0.003	12.86
5/26/2011 21:00	16157	12.32	162.3	8.8	20.68	7.064	164.4	16.65	15.31	86.2	85.6	18.8	15.41	0	27.28	26.25	1.695	-0.003	13.1
5/26/2011 22:00	16158	10.55	154.6	7.862	17.1	5.874	155.7	15.68	11.74	82.6	81.4	21.06	17.97	0	0.199	26.23	1.696	0	14.97
5/26/2011 23:00	16159	9.48	159.6	9.81	15.31	4.955	161.5	17.5	11.74	79.82	78.37	24.13	21.23	0	0.016	26.23	1.696	0	12.9
5/27/2011 0:00	16160	7.508	181	11.83	13.52	3.672	188.2	19.05	9.95	76.91	74.65	30.95	28.69	0	0.003	26.23	1.693	-0.003	12.84
5/27/2011 1:00	16161	11.7	164.6	8.47	27.84	6.639	166.5	16.1	15.31	77.47	76.34	37.05	34.05	0	0.003	26.21	1.693	0	12.97
5/27/2011 2:00	16162	12.64	169.9	9.9	18.89	7.188	173.2	17.79	15.31	76.64	75.82	47.57	44.36	0	0.006	26.19	1.696	0.003	12.79
5/27/2011 3:00	16163	13.55	179.5	9.15	22.47	8.06	183.4	16.54	17.1	75.29	74.64	57.88	54.63	0	0.007	26.18	1.693	-0.003	12.74
5/27/2011 4:00	16164	10.26	195.4	17.03	20.68	6.246	199.7	21.21	13.52	73.66	72.92	64.77	61.63	0	0.006	26.16	1.693	0	12.93
5/27/2011 5:00	16165	5.222	186.3	13.14	9.95	2.255	183.1	18.2	8.16	70.3	68.43	70.97	69.47	0	0.002	26.16	1.693	0	12.87
5/27/2011 6:00	16166	6.058	192.3	25.16	11.74	2.766	197.3	34.09	9.95	67.05	65.09	73.56	72.65	0	0	26.13	1.693	0	13.07
5/27/2011 7:00	16167	5.262	176.2	10.78	9.95	1.86	155.9	16.82	4.578	65.73	61.95	72.02	74.76	0	3.218	26.13	1.693	0	14.97
5/27/2011 8:00	16168	3.526	220.2	25.15	9.95	1.231	216.3	31.18	4.578	64.74	61.94	69.46	71.01	0	72.47	26.13	1.693	0	12.85
5/27/2011 9:00	16169	4.054	235.3	17.81	6.368	3.185	236.5	18.7	6.368	68.37	68.59	64.41	60.04	0	251.8	26.17	1.693	0	13.48
5/27/2011 10:00	16170	3.518	235.9	30.97	6.368	2.698	238.8	30.78	6.368	77.05	77.84	40.09	35.88	0	453.6	26.22	1.693	0	12.85
5/27/2011 11:00	16171	5.027	227.2	33.25	9.95	3.844	231.2	34.85	8.16	84.1	85.5	23.21	18.96	0	676.7	26.26	1.695	0.003	12.83
5/27/2011 12:00	16172	6.098	230.4	58.78	18.89	4.764	232.8	59.01	15.31	91.4	92.9	10.08	6.239	0	829	26.27	1.695	0	15.06
5/27/2011 13:00	16173	11.45	262.7	21.05	24.26	9.49	262.5	24.58	20.68	94.4	95.9	4.858	1.883	0	1012	26.28	1.695	0	12.79
5/27/2011 14:00	16174	10.02	253.5	28.07	20.68	8.14	253.5	28.96	17.1	96.8	98.5	3.82	1.904	0	1078	26.27	1.695	0	13.03
5/27/2011 15:00	16175	10.94	268.6	27.92	20.68	9.08	268.9	28.42	17.1	99.3	100.8	3.422	1.944	0	1065	26.25	1.695	0	12.69
5/27/2011 16:00	16176	10.66	258.7	22.64	22.47	8.7	258	24.82	18.89	100.7	102.1	3.437	1.951	0	965	26.23	1.695	0	12.76
5/27/2011 17:00	16177	13.51	236.8	22.73	27.84	10.39	238.8	23.44	22.47	102	103.6	2.947	1.958	0	854	26.21	1.698	0.003	12.74
5/27/2011 18:00	16178	12.83	246.8	19.61	24.26	10.04	246.7	20.54	20.68	102.3	103.5	2.707	1.966	0	681.4	26.19	1.695	-0.003	12.71
5/27/2011 19:00	16179	13.99	230.6	16.17	26.05	10.4	231.3	17.86	22.47	102.2	103.1	2.632	1.978	0	443.5	26.17	1.695	0	12.7
5/27/2011 20:00	16180	13.75	242.9	14.18	24.26	10.38	243	14.61	20.68	101.4	101.3	2.702	1.946	0	263.8	26.17	1.695	0	12.76
5/27/2011 21:00	16181	11.61	237.3	12.7	22.47	8.3	237.3	13.39	17.1	96.9	96.4	4.213	1.887	0	50.91	26.17	1.692	-0.003	14.14
5/27/2011 22:00	16182	9.24	232.3	7.809	15.31	5.859	233.7	10.39	11.74	90.1	88.7	6.24	2.595	0	0.186	26.16	1.692	0	12.88
5/27/2011 23:00	16183	5.548	220.9	14.79	11.74	1.831	218.5	30.58	6.368	83.2	79.96	8.78	6.135	0	0.016	26.14	1.689	-0.003	12.76
5/28/2011 0:00	16184	6.458	237.1	22.93	11.74	3.08	223.3	40.7	6.368	81.2	77.17	9.78	7.627	0	0.002	26.12	1.689	0	12.81
5/28/2011 1:00	16185	5.689	245.4	13.08	9.95	2.263	227.9	22.85	6.368	79.03	74.52	10.81	8.88	0	0	26.1	1.689	0	12.84

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/28/2011 2:00	16186	7.313	248.3	10.77	13.52	4.286	239	16.44	9.95	78.21	75.76	11.71	8.85	0	0.001	26.08	1.689	0	12.75
5/28/2011 3:00	16187	5.538	237.9	13.7	9.95	2.832	213.4	36.84	6.368	74.48	71.13	13.7	11.53	0	0.001	26.07	1.69	0	13.06
5/28/2011 4:00	16188	4.162	241.2	20.73	8.16	1.589	215.8	38.15	4.578	71.15	67.22	15.78	14.1	0	0	26.05	1.687	-0.003	12.59
5/28/2011 5:00	16189	6.63	223.9	12.19	11.74	2.859	204.6	16.5	8.16	70.67	65.73	16.17	15.25	0	0	26.04	1.687	0	12.68
5/28/2011 6:00	16190	6.52	184.2	10.48	9.95	1.889	164.8	19.41	6.368	67.18	61.25	18.45	18.67	0	0	26.04	1.687	0	12.85
5/28/2011 7:00	16191	3.4	171.8	11.55	6.368	1.089	92.7	17.91	2.789	63.36	59.52	20.03	19.17	0	3.051	26.04	1.687	0	14.93
5/28/2011 8:00	16192	3.805	186.7	11.78	8.16	1.109	164.5	29.28	6.368	67.15	64.51	18.33	17.1	0	122.9	26.05	1.687	0	13.17
5/28/2011 9:00	16193	5.213	251	29.48	9.95	3.971	249.1	28.98	8.16	77.35	77.78	14.74	11	0	339.8	26.11	1.689	0.003	14.93
5/28/2011 10:00	16194	12.22	285	13.28	20.68	9.91	283.6	16.26	20.68	87.8	88.6	9.91	5.696	0	555	26.17	1.689	0	12.9
5/28/2011 11:00	16195	12.64	296.3	13.7	22.47	10.52	296.7	17.37	18.89	91.7	92.7	8.08	3.71	0	747.5	26.2	1.692	0.003	13.44
5/28/2011 12:00	16196	10.12	292.2	22.99	20.68	8.52	293.1	26.24	20.68	93.9	95.1	6.766	2.292	0	922	26.22	1.692	0	15.13
5/28/2011 13:00	16197	7.297	259.9	44.89	18.89	5.926	262.3	44.95	15.31	97.5	98.8	5.306	1.906	0	1033	26.22	1.692	0	14.11
5/28/2011 14:00	16198	10.43	232.1	25.02	20.68	8.21	234.3	25.07	17.1	98.9	100.8	4.206	1.936	0	1081	26.21	1.692	0	12.97
5/28/2011 15:00	16199	12.82	220.9	20.65	24.26	9.66	221.4	23.33	20.68	100.1	102.7	3.298	1.949	0	1068	26.19	1.689	-0.003	12.76
5/28/2011 16:00	16200	16	227	18.14	29.63	11.73	228.4	19.12	24.26	101.5	103.7	2.634	1.964	0	991	26.17	1.689	0	13.41
5/28/2011 17:00	16201	19.42	231.5	15.08	34.99	14.42	232.3	16.15	29.63	101.6	103.3	2.575	1.954	0	854	26.15	1.689	0	12.73
5/28/2011 18:00	16202	19.35	231	12.37	34.99	14.21	232.1	13.85	27.84	101.5	102.9	2.555	1.951	0	675	26.13	1.686	-0.003	13.51
5/28/2011 19:00	16203	20.32	227.4	12.49	34.99	14.45	228.2	14	26.05	100.4	101.4	2.555	1.953	0	464.8	26.12	1.686	0	12.82
5/28/2011 20:00	16204	19.86	233.3	12.04	33.21	14.55	233.8	13.21	24.26	98.6	98.6	2.828	1.905	0	249.6	26.11	1.686	0	12.73
5/28/2011 21:00	16205	15.17	240.5	9.15	27.84	11.25	240.2	10	22.47	95	94.6	4.204	1.864	0	50.15	26.11	1.683	-0.003	12.99
5/28/2011 22:00	16206	9.56	244.7	8.13	15.31	6.184	245.4	8.71	9.95	88.4	87	6.287	2.57	0	0.206	26.11	1.683	0	12.78
5/28/2011 23:00	16207	8.78	255.7	11.95	13.52	5.129	256.2	13.56	9.95	85.2	82.8	7.55	4.188	0	0.008	26.09	1.68	-0.003	12.81
5/29/2011 0:00	16208	3.854	232.7	24.12	9.95	2.207	172.2	45.16	8.16	80.5	77	9.39	6.917	0	0.003	26.07	1.68	0	12.85
5/29/2011 1:00	16209	5.686	206.1	34.71	17.1	2.631	158.9	38.18	9.95	78.47	73.54	10.19	8.39	0	0	26.05	1.68	0	12.85
5/29/2011 2:00	16210	6.633	145.7	11.85	9.95	2.688	114.2	21.26	6.368	74.33	69.7	12.5	10.87	0	0	26.03	1.68	0	12.86
5/29/2011 3:00	16211	7.36	180.2	15.38	17.1	3.235	184.4	28.19	9.95	72.11	68.88	35.19	31.1	0	0	26.02	1.68	0	13.99
5/29/2011 4:00	16212	10.5	181.8	9.21	17.1	5.941	185.4	16.57	11.74	74.23	73.05	53.13	50.39	0	0.001	26.02	1.677	-0.003	12.97
5/29/2011 5:00	16213	9.47	183.7	12.6	15.31	5.23	189.5	19.75	11.74	73.76	72.64	55.75	53.22	0	0.001	26.03	1.677	0	12.91
5/29/2011 6:00	16214	7.672	194.7	13.14	13.52	4.033	197.1	20.06	8.16	71.84	69.69	57.41	56.42	0	0	26.03	1.677	0	12.92
5/29/2011 7:00	16215	9.68	180.7	10.53	15.31	5.321	185.7	17.2	9.95	71.67	70.41	58.48	56.22	0	4.961	26.04	1.677	0	14.97
5/29/2011 8:00	16216	11.58	170.2	8.74	17.1	6.802	173.2	16.72	13.52	73.89	73.41	60	56.66	0	130.5	26.07	1.677	0	13.21
5/29/2011 9:00	16217	13.11	179.9	10.88	18.89	8.06	182.5	18.17	15.31	78.79	79.77	49.53	45.13	0	346.1	26.1	1.68	0.003	13.02
5/29/2011 10:00	16218	11.72	201.8	11.09	17.1	8	204.9	16.03	13.52	84.4	86.2	31.29	26.81	0	561.4	26.15	1.68	0	13.05
5/29/2011 11:00	16219	8.7	222.1	23.77	17.1	6.613	224.2	25.67	11.74	89.7	91.3	14.81	10.69	0	751.6	26.17	1.679	0	14.13
5/29/2011 12:00	16220	9.67	205.6	21.04	20.68	7.131	209.5	23.15	17.1	93.3	95.4	8.89	4.624	0	916	26.18	1.679	0	14.9
5/29/2011 13:00	16221	13.38	215.7	18.6	22.47	9.89	218	21.28	18.89	94.8	97.3	6.422	2.111	0	1026	26.19	1.679	0	12.98
5/29/2011 14:00	16222	14.02	217.3	17.69	29.63	10.15	219.4	19.49	22.47	97.7	100.4	5.125	1.936	0	1071	26.18	1.676	-0.003	13
5/29/2011 15:00	16223	18.39	208.4	14.1	31.42	12.71	211.3	16.81	24.26	99.8	102.8	3.828	1.951	0	1052	26.17	1.676	0	12.73
5/29/2011 16:00	16224	16.67	215	16.21	31.42	11.75	217.6	18.34	24.26	100.8	103.4	3.419	1.957	0	970	26.15	1.673	-0.003	14.94
5/29/2011 17:00	16225	15.53	205.3	19.52	29.63	10.76	208	22.23	24.26	101.6	104	2.815	1.966	0	830	26.13	1.67	-0.003	15
5/29/2011 18:00	16226	17.5	197.6	29.17	34.99	11.79	201.5	30.18	24.26	100.9	103	8.11	5.268	0	638.6	26.11	1.667	-0.003	12.74
5/29/2011 19:00	16227	17.51	171.4	16.98	31.42	10.88	175.1	22.59	20.68	98.4	100	17.29	12.85	0	406.8	26.1	1.667	0	12.78
5/29/2011 20:00	16228	20.62	164.6	10.45	31.42	12.34	167.5	17.59	24.26	95	95.5	25.99	22.04	0	193	26.11	1.667	0	14.33
5/29/2011 21:00	16229	21.35	163.5	9.19	33.21	12.32	165.9	17.05	24.26	89.6	89.6	38.54	34.87	0	28.41	26.11	1.664	-0.003	12.75
5/29/2011 22:00	16230	19.21	162.8	9.25	33.21	11.29	165.7	16.72	22.47	85.6	85.2	46.06	42.61	0	0.109	26.1	1.664	0	12.84

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/29/2011 23:00	16231	20.55	159.9	9.01	33.21	12.01	162.5	16.65	24.26	84.5	84.1	46.42	43.05	0	0.019	26.1	1.661	-0.003	14.69
5/30/2011 0:00	16232	21.1	167.2	9.34	33.21	12.36	170.3	17.48	24.26	83.5	83.2	47.54	44.1	0	0.017	26.12	1.661	0	12.88
5/30/2011 1:00	16233	20.9	171.2	9.41	42.15	12.18	174.4	17.04	26.05	82.9	82.5	48.44	44.96	0	0.013	26.13	1.661	0	14.87
5/30/2011 2:00	16234	19.24	173.6	9.26	29.63	11.5	176.9	17.04	22.47	81.7	81.4	51.01	47.5	0	0.017	26.14	1.661	0	12.82
5/30/2011 3:00	16235	17.89	172	8.92	27.84	10.56	174.7	17.04	18.89	80.3	79.94	53.08	49.62	0	0.008	26.12	1.661	0	12.85
5/30/2011 4:00	16236	17.63	170.3	9.19	27.84	10.3	173.1	17.04	18.89	78.87	78.46	54.69	51.24	0	0.008	26.11	1.658	-0.003	12.82
5/30/2011 5:00	16237	16.46	172	9.36	26.05	9.59	176	17.15	18.89	76.53	76.08	56.61	53.15	0	0.005	26.11	1.658	0	12.82
5/30/2011 6:00	16238	14	181	9.19	24.26	8.33	184.7	16.4	18.89	73.65	73.24	66.85	63.04	0	0.003	26.12	1.658	0	12.88
5/30/2011 7:00	16239	11.49	193.9	9.46	20.68	7.164	197.7	15.06	13.52	71.38	70.97	75.38	71.3	0	4.25	26.13	1.658	0	13.23
5/30/2011 8:00	16240	10.72	189.5	11.22	22.47	6.704	193.7	16.72	15.31	71.04	71.08	78.34	73.38	0	114.4	26.15	1.658	0	12.96
5/30/2011 9:00	16241	14.3	186.5	10.21	20.68	9.02	190.9	16.9	17.1	73.44	74.75	74.54	68.01	0	325.8	26.19	1.658	0	12.84
5/30/2011 10:00	16242	14.17	192.9	12.6	20.68	9.4	196.5	18.06	17.1	77.18	79.23	65.19	58.29	0	539.1	26.23	1.658	0	12.77
5/30/2011 11:00	16243	12.37	200.2	14.04	20.68	8.5	203.5	18.86	17.1	82	84.5	46.95	40.86	0	727.8	26.25	1.657	0	13.93
5/30/2011 12:00	16244	13.02	213.9	16.18	24.26	9.36	215.7	19.15	18.89	86.4	88.9	32.57	27.15	0	895	26.27	1.66	0.003	12.92
5/30/2011 13:00	16245	18.97	226.6	16.67	36.78	13.88	227.9	18.54	27.84	92.1	94.3	13.03	8.6	0	1014	26.28	1.66	0	12.87
5/30/2011 14:00	16246	19.83	230.4	13.87	34.99	14.78	231.6	15.35	27.84	94	96.2	10.74	6.225	0	1057	26.28	1.66	0	12.9
5/30/2011 15:00	16247	18.95	229.4	20.42	33.21	14.07	230.5	21.18	29.63	95.8	98.1	8.62	4.049	0	1040	26.27	1.657	-0.003	12.73
5/30/2011 16:00	16248	16.8	219.6	20.75	34.99	12.3	221.4	21.65	27.84	97.4	99.7	7.247	2.864	0	960	26.26	1.657	0	12.76
5/30/2011 17:00	16249	19	238	19.05	33.21	14.42	238.4	19.16	27.84	98.4	100	5.472	1.935	0	827	26.25	1.657	0	12.84
5/30/2011 18:00	16250	17.95	245	19.75	31.42	13.83	245.3	20.13	26.05	98.5	99.7	4.327	1.939	0	644.6	26.25	1.657	0	14.76
5/30/2011 19:00	16251	18.72	250.1	11.99	29.63	14.71	250	12.76	24.26	97.5	98.1	4.142	1.921	0	438.5	26.26	1.657	0	12.74
5/30/2011 20:00	16252	16.58	250.7	11.91	27.84	12.86	250.1	13.38	22.47	96.2	96.1	4.618	1.88	0	223.9	26.27	1.654	-0.003	14.48
5/30/2011 21:00	16253	12.12	258.8	8.91	24.26	9.14	256.9	9.56	18.89	92.7	92.3	5.551	2.021	0	40	26.29	1.654	0	12.79
5/30/2011 22:00	16254	6.692	244.8	62.04	13.52	3.458	235.3	65.22	9.95	85.6	82.7	8.39	5.482	0	0.119	26.31	1.651	-0.003	14.9
5/30/2011 23:00	16255	4.371	221.9	34.19	9.95	1.324	219.5	49.22	6.368	83.2	78.98	10.24	8.04	0	0.006	26.33	1.651	0	12.87
5/31/2011 0:00	16256	6.928	186.2	20.73	17.1	3.655	174.6	42.56	11.74	81.4	77.67	32.12	27.81	0	0.002	26.35	1.651	0	12.8
5/31/2011 1:00	16257	7.908	194.4	8.67	17.1	4.353	196.8	14.61	11.74	81.2	79.99	52.44	49.8	0	0.012	26.36	1.651	0	14.4
5/31/2011 2:00	16258	5.388	197.4	9.2	9.95	1.885	190.9	10.49	4.578	78.89	76.43	56.67	55.8	0	0.005	26.37	1.651	0	12.89
5/31/2011 3:00	16259	1.911	219.2	30.13	4.578	0.135	331.6	2.698	4.578	76.9	74.09	59.87	58.91	0	0.002	26.37	1.651	0	12.91
5/31/2011 4:00	16260	2.688	301.5	21.41	6.368	0.299	323.7	28.52	4.578	76.39	72.56	60.93	59.3	0	0	26.36	1.651	0	12.82
5/31/2011 5:00	16261	9.69	4.332	13.97	20.68	6.934	5.933	15.91	15.31	73.64	73.06	50.81	47.91	0	0	26.38	1.651	0	13.23
5/31/2011 6:00	16262	12.3	28.84	9.62	18.89	7.791	29.51	11.37	15.31	73.79	73.61	17.3	13.96	0	0.003	26.41	1.651	0	12.97
5/31/2011 7:00	16263	9.38	39.66	10.17	15.31	5.235	40.08	11.8	11.74	71.13	70.88	15.81	12.28	0	3.056	26.43	1.652	0	12.96
5/31/2011 8:00	16264	10.06	41.96	10.77	17.1	5.639	41.83	13.04	11.74	71.69	71.62	14.68	11.02	0	92.8	26.45	1.651	0	14.85
5/31/2011 9:00	16265	14.12	42.15	10.44	24.26	8.01	41.43	12.48	18.89	74.64	75.08	11.35	7.439	0	319.1	26.48	1.651	0	12.9
5/31/2011 10:00	16266	16.12	56.38	13.77	26.05	9.54	53.39	19.04	18.89	77.27	78.53	11.13	6.925	0	541	26.51	1.651	0	13.75
5/31/2011 11:00	16267	10.89	54.85	16.36	18.89	6.839	50.32	20.54	15.31	80.6	82.7	23.55	18.57	0	721.4	26.54	1.651	0	12.9
5/31/2011 12:00	16268	8.86	80	23.48	18.89	6.112	75.57	29.18	13.52	84.4	87.4	29.8	24.19	0	871	26.57	1.651	0	14.65
5/31/2011 13:00	16269	9.16	84.7	26.22	18.89	6.295	82.6	34.41	15.31	87.4	90.9	35.42	29.17	0	964	26.58	1.654	0.003	12.69
5/31/2011 14:00	16270	9.05	100.5	34.44	20.68	6.191	99.2	43.13	17.1	90.1	93.8	38.88	32.39	0	902	26.59	1.651	-0.003	12.86
5/31/2011 15:00	16271	10.46	119.9	28.66	20.68	7.241	121.2	36.71	17.1	91.2	95.3	40.28	33.45	0	930	26.59	1.651	0	13.94
5/31/2011 16:00	16272	12.55	127.5	19.51	26.05	8.21	130.1	27.96	18.89	91	94.7	40.04	33.48	0	746.9	26.58	1.654	0.003	12.72
5/31/2011 17:00	16273	15.32	118.1	16.13	26.05	9.78	119.9	24.77	22.47	90.4	93	41.58	35.71	0	533	26.56	1.651	-0.003	14.24
5/31/2011 18:00	16274	17.93	131.6	15.76	31.42	11.06	134	23.62	22.47	89.6	91.7	42.84	37.31	0	416.9	26.54	1.651	0	12.74
5/31/2011 19:00	16275	18.54	137.5	13.16	31.42	11.01	140.5	21.23	24.26	87.6	88.9	45.5	40.55	0	213.6	26.53	1.651	0	12.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/31/2011 20:00	16276	17.53	145.1	10.21	26.05	10.78	148.4	18.06	20.68	85.4	86	49.22	44.81	0	109.7	26.53	1.651	0	12.77
5/31/2011 21:00	16277	16.85	137.4	9.25	26.05	10.21	140.8	18.63	18.89	84	84.2	50.64	46.55	0	45.11	26.53	1.651	0	12.78
5/31/2011 22:00	16278	18.27	143.5	9.5	31.42	10.96	147	17.46	22.47	83	82.8	51.92	48.23	0	0.062	26.53	1.651	0	12.7
5/31/2011 23:00	16279	15.72	127.8	14.66	29.63	9.45	129.1	22.95	22.47	81.7	81.5	53.2	49.5	0	0.022	26.54	1.648	-0.003	12.87
6/1/2011 0:00	16280	10.35	103.3	9.62	17.1	6.722	103	19.4	13.52	80.3	80	54.28	50.66	0	0.013	26.57	1.648	0	12.88
6/1/2011 1:00	16281	12.47	119.8	11.36	20.68	7.488	120.7	20.55	15.31	79.98	79.69	54.43	50.81	0	0.015	26.58	1.648	0	12.98
6/1/2011 2:00	16282	12.97	131.3	11.9	20.68	7.766	134	20.95	15.31	79.23	78.91	54.92	51.35	0	0.011	26.56	1.648	0	13.46
6/1/2011 3:00	16283	12.68	149.1	9.67	18.89	7.463	151.7	16.98	15.31	77.97	77.55	55.7	52.25	0	0.008	26.55	1.648	0	14.49
6/1/2011 4:00	16284	14.11	154.1	9.58	20.68	8.43	156.4	16.55	17.1	77.31	76.83	55.38	51.97	0	0.007	26.52	1.648	0	12.84
6/1/2011 5:00	16285	13.56	149.8	10.01	20.68	7.971	152.1	17.62	13.52	76.14	75.7	56.87	53.37	0	0.009	26.51	1.648	0	12.73
6/1/2011 6:00	16286	13.22	152.6	8.54	24.26	7.749	154.6	16.13	15.31	74.91	74.48	60.08	56.47	0	0.003	26.51	1.648	0	12.8
6/1/2011 7:00	16287	9.57	153	9.45	15.31	5.461	155.7	17	11.74	73.25	72.73	66.77	63.08	0	2.534	26.52	1.645	-0.003	12.82
6/1/2011 8:00	16288	11.22	157	9.24	22.47	6.623	159.4	16.91	15.31	72.99	72.96	73	68.42	0	70.96	26.53	1.645	0	13.14
6/1/2011 9:00	16289	16.84	155.4	10.22	26.05	10.1	158	17.32	18.89	74.22	75.11	72.84	67.04	0	236.7	26.54	1.645	0	13.71
6/1/2011 10:00	16290	16.99	161.8	10.97	24.26	10.23	164.5	18.24	18.89	76.74	78.51	66.58	59.93	0	438.3	26.56	1.645	0	12.76
6/1/2011 11:00	16291	17.95	168.3	11.43	27.84	11.05	171.4	18.66	24.26	80.1	82.7	57.92	50.9	0	671.8	26.57	1.648	0.003	14.63
6/1/2011 12:00	16292	19.55	169.7	12.43	31.42	12.11	173.3	19.54	26.05	83.6	86.6	49.95	43	0	850	26.59	1.648	0	13.28
6/1/2011 13:00	16293	18.56	169.9	13.52	29.63	11.67	173.1	19.8	24.26	86.1	89.3	43.47	36.76	0	932	26.6	1.648	0	12.77
6/1/2011 14:00	16294	17.87	155.6	17.71	31.42	11.25	159.2	23.91	24.26	88.7	92.5	37.83	31.14	0	1014	26.58	1.648	0	12.82
6/1/2011 15:00	16295	16.51	163.8	40.64	31.42	11.55	167.6	19.6	22.47	91.3	94.2	33.87	28.34	0	985	26.56	8.76	7.11	12.94
6/1/2011 16:00	16296	6.507	184.4	21.44	68.99	8.87	179.4	0	51.1	98.7	94.7	26.71	26.67	0	917	26.54	8.75	-0.009	12.67
6/1/2011 17:00	16297	19.47	155.7	20.56	33.21	12.62	163	20.47	24.26	92.5	94.6	30.89	25.84	0.15	781.6	26.51	8.71	-0.035	12.84
6/1/2011 18:00	16298	21.33	158.9	12.06	33.21	13.01	163.4	18.48	26.05	91.6	93.9	29.43	24.26	0	605.9	26.49	8.68	-0.035	12.72
6/1/2011 19:00	16299	20.55	162.5	13.37	33.21	12.29	166.5	19.17	24.26	91.1	92.6	27.36	22.85	0	409.8	26.47	8.63	-0.044	12.74
6/1/2011 20:00	16300	21.21	158.6	10.72	31.42	12.53	163.7	17	24.26	88.5	88.9	28.82	24.89	0	177.6	26.46	8.6	-0.037	13.95
6/1/2011 21:00	16301	17.28	159.8	9.55	29.63	10.1	164.2	16.65	20.68	84.7	84.4	32.38	28.82	0	10.22	26.45	8.56	-0.034	12.74
6/1/2011 22:00	16302	13.57	161.2	8.78	24.26	7.694	164.9	16.35	18.89	81.8	81.3	34.48	31.1	0	0.044	26.45	8.54	-0.025	13.76
6/1/2011 23:00	16303	11.53	155	9.34	18.89	6.503	159.1	16.48	13.52	79.49	78.86	40.12	36.75	0	0.014	26.44	8.52	-0.019	12.86
6/2/2011 1:00	16304	11.91	160.5	9.4	38.57	6.841	163.4	16.61	26.05	77.79	77.23	44.29	40.92	0	0.009	26.45	8.49	-0.025	12.8
6/2/2011 2:00	16305	9.42	180.2	45.68	18.89	5.768	184.9	48.96	13.52	76.51	76.12	46.96	43.41	0	0.009	26.45	8.49	-0.01	14.7
6/2/2011 3:00	16306	5.071	197.5	45.83	9.95	2.313	199.7	49.01	8.16	75.71	74.55	47.97	45.51	0	0.006	26.46	8.48	-0.006	12.81
6/2/2011 4:00	16307	6.192	132.9	11.48	13.52	2.604	128.2	16.64	8.16	74.13	72.63	50.4	48.32	0	0.003	26.44	8.48	-0.003	12.8
6/2/2011 5:00	16308	8.39	137.5	8.91	13.52	4.456	139.6	17.44	9.95	72.88	71.96	53.01	50.13	0	0.001	26.41	8.47	-0.01	12.89
6/2/2011 6:00	16309	10.39	142	9.26	17.1	6.013	145.8	17.16	11.74	72.35	71.72	54.04	50.76	0	0.001	26.38	8.46	-0.009	13.67
6/2/2011 7:00	16310	12.23	137.3	9.59	18.89	7.153	141.5	18.55	15.31	71.68	71.15	53.98	50.58	0	1.148	26.37	8.45	-0.009	14.23
6/2/2011 8:00	16311	14	142	9.26	24.26	8.28	146	17.65	17.1	71.38	71.17	53.92	50.18	0	47.95	26.37	7.617	-0.83	12.84
6/2/2011 9:00	16312	17.18	157.5	12.13	27.84	10.04	161.6	18.57	20.68	72.53	72.85	53.63	49.3	0	152.6	26.39	7.607	-0.01	14.81
6/2/2011 10:00	16313	16.83	174.3	10.9	24.26	10.15	177.9	17.46	20.68	75.01	76.54	50.88	45.32	0	431.9	26.41	7.598	-0.01	12.88
6/2/2011 11:00	16314	17.84	171.8	12.67	27.84	10.9	175.2	18.87	20.68	78.62	81.1	45.94	39.64	0	676.3	26.43	7.581	-0.017	13.93
6/2/2011 12:00	16315	18.28	170.3	12.81	29.63	11.25	174	18.86	22.47	82.6	85.4	39.93	33.8	0	768.7	26.44	7.558	-0.023	14.18
6/2/2011 13:00	16316	17.74	170.5	13.35	27.84	11.14	174.1	19.84	20.68	86.2	89.5	35.16	28.99	0	925	26.45	7.539	-0.02	12.77
6/2/2011 14:00	16317	15.96	165.5	15.91	27.84	10.07	169.7	22.06	22.47	89.3	92.8	32.5	26.43	0	922	26.44	7.516	-0.023	13
6/2/2011 15:00	16318	16.24	167.4	17.52	27.84	10.38	171.2	23.36	22.47	91.5	95.2	30.16	24.12	0	962	26.43	7.494	-0.022	14.42
6/2/2011 16:00	16319	17.73	164.1	15.99	29.63	11.1	167.7	21.56	22.47	93.2	96.6	28.36	22.52	0	913	26.41	7.462	-0.032	12.84
6/2/2011 17:00	16320	18.56	165.9	14.59	33.21	11.38	169.8	20.94	24.26	94.3	97.4	26.29	20.82	0	772.7	26.38	7.418	-0.044	12.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/2/2011 18:00	16321	20.32	155.2	13.42	33.21	12.23	158.5	19.46	24.26	93.5	95.5	25.77	20.97	0	486.7	26.36	7.361	-0.057	12.86
6/2/2011 19:00	16322	21.46	155.5	10.51	34.99	12.56	158.4	17.2	24.26	90.9	91.6	25.9	21.83	0	186.9	26.32	7.323	-0.037	12.69
6/2/2011 20:00	16323	21.73	157.2	9.32	33.21	12.86	160.2	16.47	24.26	88.6	88.7	21.38	17.63	0	58.23	26.3	7.286	-0.038	13.94
6/2/2011 21:00	16324	20.6	158.6	9.19	36.78	12.21	161.6	16.64	24.26	86.9	86.9	20.16	16.4	0	27.02	26.3	7.241	-0.044	12.81
6/2/2011 22:00	16325	16.25	158.8	9.49	27.84	9.5	161.4	16.84	22.47	84.8	84.5	21.59	17.92	0	0.116	26.32	7.214	-0.028	13.28
6/2/2011 23:00	16326	13.62	237.8	77.69	34.99	9.56	243.7	77.8	27.84	81	80.9	31.91	27.86	0	0.029	26.39	7.17	-0.044	12.74
6/3/2011 0:00	16327	6.28	343.5	50.25	15.31	4.427	342.4	51.54	11.74	73.86	73.57	55.69	53.97	0	0.004	26.42	7.17	0	12.86
6/3/2011 1:00	16328	6.644	54.67	40.19	11.74	3.897	60.04	39.68	8.16	72.38	71.99	58.1	55.35	0	0.001	26.4	7.157	-0.013	13.52
6/3/2011 2:00	16329	8.05	94.4	20.74	13.52	4.548	89.2	24.35	9.95	72.99	72.06	49.94	48.22	0	0.002	26.38	7.151	-0.006	14.12
6/3/2011 3:00	16330	11.27	132.2	8.41	20.68	6.333	131.3	18.15	15.31	75.42	74.27	33.67	31.46	0	0.003	26.35	7.138	-0.013	13.03
6/3/2011 4:00	16331	13.38	132.3	11.61	22.47	7.966	134.3	20.74	17.1	75.87	75.17	33.9	30.85	0	0.004	26.34	7.125	-0.013	12.8
6/3/2011 5:00	16332	11.13	135.4	9.87	18.89	6.42	137.4	19.44	13.52	74.95	74.17	37.49	34.42	0	0.002	26.33	7.116	-0.01	12.83
6/3/2011 6:00	16333	11.61	149.8	8.87	20.68	6.709	151.3	16.63	15.31	74.05	73.43	41.17	37.89	0	0.002	26.33	7.106	-0.01	12.96
6/3/2011 7:00	16334	8.44	127.7	12.73	13.52	4.734	127.3	20.93	9.95	71.42	70.76	44.73	41.59	0	2.368	26.34	7.1	-0.006	14.01
6/3/2011 8:00	16335	10.34	127.4	9.3	17.1	6.249	128.6	19.92	11.74	70.41	70.4	47.49	43.62	0	69.36	26.34	7.097	-0.003	12.89
6/3/2011 9:00	16336	12.03	146.2	13.49	20.68	7.262	149.3	21.47	15.31	71.93	72.67	49.15	44.43	0	216.3	26.36	7.091	-0.007	12.95
6/3/2011 10:00	16337	18.12	163.4	10.7	27.84	10.84	166.3	18.31	20.68	76.73	78.66	47.14	41.36	0	483	26.39	7.081	-0.01	14.9
6/3/2011 11:00	16338	18.33	166	11.74	29.63	11.11	169.3	18.46	20.68	79.38	81.5	43.13	37.45	0	597.1	26.41	7.064	-0.017	12.89
6/3/2011 12:00	16339	17.47	165.9	13.3	31.42	10.85	168.4	19.93	24.26	83	85.7	37.45	31.68	0	711.3	26.43	7.042	-0.023	13
6/3/2011 13:00	16340	16.71	174.9	14.6	27.84	10.59	177.6	20.87	22.47	87.2	90.5	31.55	25.6	0	911	26.45	7.003	-0.039	12.88
6/3/2011 14:00	16341	17.51	168.5	14.9	27.84	11.1	171.7	21.01	20.68	89.4	93.2	28.52	22.48	0	1041	26.45	6.98	-0.022	12.81
6/3/2011 15:00	16342	16.92	167.1	16.37	27.84	10.75	171.2	22.15	22.47	91.7	95.5	25.24	19.48	0	1003	26.44	6.939	-0.041	12.75
6/3/2011 16:00	16343	15.26	169.9	19.18	27.84	9.73	174.4	25.34	20.68	92.7	96.2	21.11	15.78	0	819	26.43	6.892	-0.048	12.75
6/3/2011 17:00	16344	15.11	158.9	16.77	26.05	9.5	162	23.4	18.89	93.7	96.6	17.46	12.65	0	703.2	26.41	6.854	-0.038	12.71
6/3/2011 18:00	16345	16.58	156.9	15.57	29.63	10.29	160.9	21.58	22.47	93.9	96.2	16	11.42	0	591.2	26.39	6.813	-0.041	14.36
6/3/2011 19:00	16346	17.3	159.6	14.43	27.84	10.56	163.2	20.62	20.68	92.9	94.4	16.34	12.06	0	349.4	26.38	6.775	-0.038	12.76
6/3/2011 20:00	16347	17.85	153.8	10.06	26.05	10.52	157.1	16.72	22.47	90.2	90.4	18.1	14.25	0	119.8	26.38	6.734	-0.04	12.94
6/3/2011 21:00	16348	16.72	156.3	8.53	27.84	9.94	159	16.49	18.89	87.5	87.3	20.57	16.88	0	24.03	26.38	6.693	-0.041	12.83
6/3/2011 22:00	16349	12.58	153.6	8.34	22.47	7.382	155.6	16.28	15.31	85.1	84.5	23.68	20.14	0	0.137	26.4	6.666	-0.028	12.88
6/3/2011 23:00	16350	10.18	160.3	12.01	17.1	5.866	162.9	18.09	15.31	83.1	82.4	27.55	24.09	0	0.013	26.42	6.647	-0.019	12.79
6/4/2011 0:00	16351	7.165	252.7	60.3	15.31	4.844	258.3	59.81	11.74	81.4	80.9	30.58	27.07	0	0.01	26.47	6.634	-0.013	12.85
6/4/2011 1:00	16352	10.31	187.1	20.18	22.47	6.031	187	22.39	15.31	80.9	80.2	31.65	28.32	0	0.009	26.48	6.621	-0.013	14.61
6/4/2011 2:00	16353	13.03	182.1	10	27.84	7.967	185.6	16.99	22.47	79.1	78.85	36.02	32.19	0	0.012	26.47	6.599	-0.022	14.96
6/4/2011 3:00	16354	9.53	154.3	12.87	15.31	5.561	156.1	18.82	11.74	76.98	76.54	39.8	36.18	0	0.005	26.45	6.593	-0.006	12.82
6/4/2011 4:00	16355	12.97	144.5	10.8	24.26	7.701	147.2	18.41	15.31	76.85	76.5	39.62	35.9	0	0.006	26.43	6.58	-0.013	12.81
6/4/2011 5:00	16356	12.29	136.9	11.64	22.47	7.397	138.3	20.58	17.1	75.34	75.1	42.03	38.21	0	0.006	26.42	6.571	-0.01	12.9
6/4/2011 6:00	16357	5.121	120	17.88	15.31	2.795	111.2	21.36	11.74	72.83	72.24	44.96	41.51	0	0.002	26.43	6.564	-0.006	12.89
6/4/2011 7:00	16358	4.731	156.5	24.83	8.16	1.97	150.1	29.49	4.578	70.93	69.58	49.42	46.67	0	1.846	26.44	6.562	-0.003	12.88
6/4/2011 8:00	16359	8.65	155.7	11.19	15.31	5.063	155.9	18.9	11.74	71.09	70.76	52.94	49.15	0	60.33	26.45	6.555	-0.006	14.48
6/4/2011 9:00	16360	11.23	141.4	14.84	20.68	6.841	142.9	22.98	15.31	72.27	72.8	56.34	51.66	0	175.2	26.48	6.549	-0.007	13.08
6/4/2011 10:00	16361	15.75	149.7	11.57	24.26	9.58	152.7	18.77	18.89	75.2	77.35	58.14	51.45	0	482.5	26.52	6.542	-0.006	13
6/4/2011 11:00	16362	16.42	151.9	12.03	26.05	10.21	155.2	19.06	18.89	77.94	80.8	54.28	47.09	0	661.3	26.55	6.532	-0.01	12.89
6/4/2011 12:00	16363	16	149.9	15.54	27.84	9.84	153	23.47	20.68	81	84.4	48.97	41.66	0	818	26.56	6.516	-0.016	12.87
6/4/2011 13:00	16364	15.01	150.9	16.09	26.05	9.52	154.7	22.9	20.68	83.9	87.8	43.33	36.11	0	940	26.58	6.496	-0.02	15.17
6/4/2011 14:00	16365	14.33	141.5	19.57	31.42	9.3	144.4	26.56	24.26	86.4	90.4	36.85	30.24	0	994	26.58	6.467	-0.029	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/4/2011 15:00	16366	12.89	142	20.8	26.05	8.46	144.8	29.84	20.68	88.4	92.4	31.32	25.16	0	986	26.58	6.432	-0.035	13.12
6/4/2011 16:00	16367	13.21	139.3	22.82	26.05	8.7	141.2	30	20.68	89.6	93.5	27.45	21.59	0	924	26.57	6.391	-0.041	12.93
6/4/2011 17:00	16368	14.55	147.2	17.37	26.05	9.25	151.1	25.06	18.89	90.9	94.3	23.86	18.46	0	803	26.55	6.356	-0.035	12.93
6/4/2011 18:00	16369	13.41	145.1	16.05	27.84	8.55	147.7	23.46	18.89	91.1	94	19.74	14.89	0	638	26.54	6.299	-0.057	14.88
6/4/2011 19:00	16370	12.69	142.3	19.59	22.47	7.882	145.6	27.6	17.1	90.7	92.6	18.9	14.46	0	401.1	26.54	6.255	-0.044	14.35
6/4/2011 20:00	16371	13.58	139.1	10.57	22.47	8.16	142.6	18.95	17.1	87.4	87.7	22.87	18.96	0	89.9	26.53	6.23	-0.025	15.12
6/4/2011 21:00	16372	9.5	131.1	10.05	17.1	5.348	131.6	19.36	13.52	85	84.5	23.08	19.71	0	18.72	26.53	6.212	-0.019	12.86
6/4/2011 22:00	16373	7.716	114.3	7.079	11.74	3.852	111.7	18.26	8.16	81.2	79.84	26.67	23.85	0	0.121	26.51	6.2	-0.012	12.84
6/4/2011 23:00	16374	7.302	128.4	14.56	11.74	3.201	125.1	20.1	6.368	78.59	76.63	30.41	28.11	0	0.003	26.52	6.187	-0.013	13.04
6/5/2011 0:00	16375	7.399	156.9	10.14	11.74	3.224	145.9	22.04	6.368	76.47	74	32.81	31.2	0	0.001	26.53	6.175	-0.013	13.04
6/5/2011 1:00	16376	8.01	154.9	16.9	15.31	3.848	151.3	24.02	8.16	74.31	72.69	36.85	34.34	0	0	26.53	6.165	-0.009	12.84
6/5/2011 2:00	16377	7.549	167.4	6.88	9.95	3.487	166.5	14.1	6.368	72.25	70.67	40.37	37.86	0	0	26.52	6.156	-0.009	13.08
6/5/2011 3:00	16378	8.05	150.3	12	11.74	3.961	146.9	19.91	8.16	71.14	69.8	43.88	41.16	0	0	26.51	6.151	-0.006	12.9
6/5/2011 4:00	16379	8.5	130.3	9.35	13.52	4.525	127.7	18.53	9.95	71.03	69.74	46.19	43.48	0	0	26.49	6.141	-0.01	12.85
6/5/2011 5:00	16380	8.87	121.9	9.69	13.52	4.924	120.2	20.51	9.95	72.22	71.19	46.37	43.45	0	0	26.5	6.134	-0.007	12.88
6/5/2011 6:00	16381	9	134.6	8.71	13.52	4.963	134.7	18.84	9.95	71.76	71.04	49.81	46.48	0	0.001	26.51	6.131	-0.003	12.92
6/5/2011 7:00	16382	9.06	148.1	8.17	11.74	5.044	149.8	15.68	9.95	70.12	69.5	54.82	51.27	0	6.074	26.51	6.125	-0.006	15.09
6/5/2011 8:00	16383	10.5	157.4	9.5	17.1	6.212	159.5	16.74	13.52	71.47	71.58	59.01	54.58	0	113.5	26.52	6.121	-0.004	12.97
6/5/2011 9:00	16384	16.03	162.2	10.19	24.26	9.73	164.9	17.91	18.89	74.74	75.78	60	54.55	0	298.2	26.56	6.114	-0.007	13.04
6/5/2011 10:00	16385	16.21	166.3	11.24	24.26	9.86	169.1	18.21	17.1	77.76	79.8	54.84	48.54	0	495.4	26.59	6.111	-0.003	13
6/5/2011 11:00	16386	15.54	162.4	15.01	24.26	9.65	165.1	21.4	18.89	80.2	83.1	48.89	42.16	0	677.9	26.6	6.085	-0.026	15.06
6/5/2011 12:00	16387	14.11	161.4	17.78	26.05	9.14	165.5	24.21	18.89	83.2	86.4	40.85	34.48	0	831	26.61	6.065	-0.019	15.23
6/5/2011 13:00	16388	12.65	147.6	22.84	24.26	8.26	149.2	29.47	18.89	85.6	89.2	32.64	26.66	0	835	26.62	6.046	-0.02	12.84
6/5/2011 14:00	16389	11.18	151.2	22.05	22.47	7.48	154	29.92	17.1	87.6	91.1	27.88	22.33	0	896	26.61	6.02	-0.025	14.97
6/5/2011 15:00	16390	10.7	160.4	25.41	24.26	7.26	165.7	31.39	17.1	90.4	94.2	22.77	17.32	0	1021	26.6	5.986	-0.035	12.84
6/5/2011 16:00	16391	11.19	140	31.73	38.57	7.518	141.9	39.85	26.05	91.8	95.4	19.14	13.98	0	939	26.58	5.944	-0.041	12.9
6/5/2011 17:00	16392	9.88	153	36.19	20.68	6.677	157.1	38.96	17.1	92.4	95.5	18.79	13.8	0	814	26.56	5.919	-0.025	12.81
6/5/2011 18:00	16393	10.52	141.1	24.88	26.05	7.067	143.8	32.66	18.89	91.9	94.8	19.37	14.44	0	641.4	26.53	5.868	-0.051	12.95
6/5/2011 19:00	16394	11.48	163.1	18.99	22.47	7.404	167.7	23.66	17.1	91.3	93.4	19.53	14.92	0	443.8	26.51	5.834	-0.035	12.79
6/5/2011 20:00	16395	11.36	156.6	14.41	20.68	6.9	159.9	21.42	15.31	89.7	90.2	16.77	13	0	166.6	26.5	5.802	-0.032	15.22
6/5/2011 21:00	16396	8.76	154.2	8.71	17.1	4.726	155.8	15.82	11.74	86.1	85.3	16.08	12.84	0	25.54	26.48	5.771	-0.031	12.79
6/5/2011 22:00	16397	7.168	149.6	5.639	9.95	2.75	136	15.38	4.578	81.1	77.74	18.3	16.97	0	0.152	26.47	5.762	-0.009	12.8
6/5/2011 23:00	16398	8.1	141.4	6.81	11.74	3.444	129.5	15.94	8.16	78.1	74.67	19.1	17.75	0	0.001	26.45	5.75	-0.013	14.44
6/6/2011 0:00	16399	7.964	151	6.26	11.74	3.668	147.6	14.66	6.368	75.58	73.37	20.09	17.68	0	0.001	26.45	5.731	-0.019	13
6/6/2011 1:00	16400	7.695	141.5	5.501	17.1	3.054	129.6	15.27	6.368	72.63	69.16	22.52	21.27	0	0	26.45	5.726	-0.005	12.83
6/6/2011 2:00	16401	7.454	161	8.18	9.95	2.888	153.4	13.94	6.368	70.66	67.5	25.25	23.65	0	0	26.44	5.714	-0.012	12.98
6/6/2011 3:00	16402	10	164.2	7.599	17.1	5.145	163.3	15.35	11.74	71.29	69.31	28.65	25.98	0	0	26.42	5.704	-0.009	12.92
6/6/2011 4:00	16403	9.09	164	8.77	13.52	4.812	164.8	16.3	9.95	71.83	70.42	31.58	28.62	0	0	26.41	5.698	-0.006	13.09
6/6/2011 5:00	16404	6.374	147.3	10.68	9.95	2.639	129.6	22.03	6.368	69.9	67.07	34.81	33.46	0	0	26.41	5.695	-0.003	12.9
6/6/2011 6:00	16405	8.26	138.6	4.553	11.74	3.431	122	15.66	6.368	68.65	64.79	36.83	36.68	0	0	26.39	5.691	-0.003	12.81
6/6/2011 7:00	16406	8.33	141.2	7.041	11.74	3.839	135.6	17.08	6.368	67.82	65.45	37.91	36.27	0	2.353	26.38	5.685	-0.006	12.9
6/6/2011 8:00	16407	8.41	137.9	9.3	13.52	4.469	134.4	19.05	9.95	69.17	68.16	37.85	35.14	0	97.9	26.39	5.679	-0.006	13.24
6/6/2011 9:00	16408	12.93	158.3	10.48	22.47	8	160.5	17.6	17.1	75.35	76.12	33.89	29.63	0	293.5	26.41	5.658	-0.021	12.67
6/6/2011 10:00	16409	17.02	174.5	11.06	24.26	10.54	178	18.37	18.89	79.56	81.3	30.82	25.93	0	499.2	26.45	5.645	-0.013	13.69
6/6/2011 11:00	16410	16.24	179.7	13.35	26.05	10.25	183	19.63	20.68	82.8	85.2	27.74	22.56	0	682.3	26.47	5.628	-0.017	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/6/2011 12:00	16411	15.93	173.6	15.66	27.84	10.2	177.3	21.18	20.68	85.2	88.2	24.8	19.38	0	852	26.48	5.606	-0.023	12.7
6/6/2011 13:00	16412	14.83	165.1	20.09	29.63	9.46	169.2	26.2	20.68	87.9	91.7	22.04	16.5	0	961	26.49	5.567	-0.038	12.69
6/6/2011 14:00	16413	13.96	163.8	20.47	26.05	9.18	167.9	26.51	20.68	91.1	94.8	17.89	12.64	0	1010	26.48	5.539	-0.029	12.8
6/6/2011 15:00	16414	13.26	175.5	21.77	24.26	8.81	180	27.03	20.68	91.8	94.7	16.84	11.87	0	695.9	26.46	5.507	-0.032	12.74
6/6/2011 16:00	16415	14.35	176.1	24.88	26.05	9.41	179.9	30.3	20.68	93.7	97	15.67	10.57	0	913	26.44	5.466	-0.041	12.73
6/6/2011 17:00	16416	14.63	176.5	18.37	24.26	9.61	180.3	23.56	20.68	94.2	96.8	14.37	9.61	0	685.5	26.42	5.412	-0.054	12.84
6/6/2011 18:00	16417	13.12	171.7	20.17	24.26	8.49	176.1	25.71	18.89	94.6	97	13.01	8.43	0	595.7	26.39	5.374	-0.038	14.46
6/6/2011 19:00	16418	12.18	175.1	19.93	22.47	7.859	179.5	25.55	18.89	94.4	96	12.56	8.28	0	367.8	26.37	5.346	-0.028	14.63
6/6/2011 20:00	16419	12.22	172	10.52	22.47	7.401	175.8	17.92	15.31	92.7	93	12.51	8.63	0	161.2	26.36	5.308	-0.038	12.79
6/6/2011 21:00	16420	9.59	159.9	8.6	15.31	5.475	162.6	15.99	11.74	89.2	88.5	13.7	10.15	0	23.12	26.35	5.286	-0.022	12.91
6/6/2011 22:00	16421	9.62	185	20.41	26.05	5.368	186.9	25.59	18.89	85.6	84.2	16.16	12.96	0	0.151	26.35	5.265	-0.022	12.89
6/6/2011 23:00	16422	9.81	175.3	20.99	20.68	5.556	175.5	26.4	15.31	84.2	83.3	22.77	19.33	0	0.019	26.33	5.252	-0.012	12.72
6/7/2011 0:00	16423	10.95	144.2	11.77	17.1	6.134	143.6	20.34	11.74	81.6	80.7	25.34	21.93	0	0.015	26.32	5.243	-0.01	12.78
6/7/2011 1:00	16424	11.78	159.8	8.62	36.78	6.598	161.3	16.5	13.52	80.1	79.11	25.8	22.52	0	0.007	26.33	5.224	-0.019	12.76
6/7/2011 2:00	16425	13.14	160.3	8.62	20.68	7.448	161.9	16.94	15.31	79.76	78.94	25.53	22.06	0	0.012	26.32	5.208	-0.016	12.85
6/7/2011 3:00	16426	11.59	162.9	9.07	18.89	6.495	163.9	17.29	15.31	78.01	77.12	28.53	25.16	0	0.012	26.31	5.192	-0.016	12.85
6/7/2011 4:00	16427	9	166.1	9.35	15.31	4.711	167.7	16.83	9.95	75.18	73.87	32.06	29.06	0	0.003	26.29	5.182	-0.01	13.01
6/7/2011 5:00	16428	7.696	176.5	11.58	13.52	3.899	178.6	18.67	8.16	73.06	71.35	35.54	33.01	0	0.001	26.27	5.173	-0.009	12.74
6/7/2011 6:00	16429	7.522	178.8	11.63	13.52	3.612	178.6	20.2	9.95	71.96	70.34	38.51	36.02	0	0.001	26.27	5.164	-0.009	12.81
6/7/2011 7:00	16430	5.676	176.1	11.12	8.16	1.453	166.4	20.57	4.578	69.01	65.9	42.72	42.01	0	1.622	26.26	5.159	-0.006	12.84
6/7/2011 8:00	16431	7.016	164.5	9.4	11.74	3.505	166.7	17.17	8.16	70.02	68.65	43.27	40.85	0	78.45	26.26	5.152	-0.006	13.13
6/7/2011 9:00	16432	10.38	177.8	13.89	22.47	6.486	183.8	20.41	15.31	76.56	77.3	37.4	33.15	0	279	26.3	5.144	-0.008	14.83
6/7/2011 10:00	16433	13.03	193.9	12.44	20.68	8.5	199.8	17.38	17.1	81.4	83	31.19	26.36	0	472.4	26.35	5.141	-0.004	12.84
6/7/2011 11:00	16434	11.7	195	15.16	17.1	7.962	199.1	18.81	15.31	85.5	87.8	27.15	22.07	0	659.5	26.37	5.124	-0.017	12.95
6/7/2011 12:00	16435	9.86	203.7	21.25	20.68	7.127	206.6	25.19	15.31	89.6	92	22.87	17.85	0	831	26.38	5.105	-0.02	12.76
6/7/2011 13:00	16436	7.511	225.3	33.04	15.31	5.873	226.6	36.34	13.52	93.8	95.6	18.92	14.22	0	944	26.38	5.089	-0.016	13.51
6/7/2011 14:00	16437	6.85	209.2	41.8	17.1	5.379	217.2	44.52	11.74	97.9	100.2	14.81	10.11	0	1001	26.38	5.048	-0.041	12.87
6/7/2011 15:00	16438	7.246	246.7	57.61	15.31	5.94	251.3	59.83	13.52	99.8	101.5	12.39	7.834	0	992	26.36	5.029	-0.019	12.69
6/7/2011 16:00	16439	6.664	213.7	71.82	18.89	5.252	223	71.52	15.31	101.5	103.3	10.58	6.12	0	895	26.34	4.991	-0.038	14.46
6/7/2011 17:00	16440	7.035	214.6	49.45	18.89	5.422	216.9	49.56	13.52	99.2	100.3	11.3	7.099	0	366	26.32	4.959	-0.032	15.02
6/7/2011 18:00	16441	10.52	188.4	36.25	22.47	7.231	191.7	37.76	17.1	99.3	101.2	11.08	6.644	0	503.6	26.3	4.924	-0.035	14.36
6/7/2011 19:00	16442	8	173.8	35.13	15.31	5.53	176.5	39.52	11.74	99.4	100.8	10.59	6.438	0	318.9	26.29	4.896	-0.029	12.82
6/7/2011 20:00	16443	7.059	203.2	79.65	17.1	4.723	215.2	70.59	13.52	97.6	97.8	11.06	7.217	0	147.3	26.28	4.871	-0.025	14.65
6/7/2011 21:00	16444	8.96	162.8	49.71	24.26	5.51	164.3	48.83	17.1	95.5	95.1	11.88	8.31	0	32.78	26.28	4.852	-0.019	12.86
6/7/2011 22:00	16445	10.42	175.4	9.74	22.47	5.6	176.3	15.94	17.1	91.4	89.7	15.17	12.04	0	0.306	26.27	4.83	-0.022	12.75
6/7/2011 23:00	16446	14.77	174.3	8.6	22.47	8.73	177.3	16.55	18.89	88.6	87.8	21.5	17.93	0	0.013	26.28	4.808	-0.022	12.81
6/8/2011 0:00	16447	13.8	175.5	8.72	24.26	8.05	178.9	16.87	17.1	85.5	84.7	24.51	21.08	0	0.014	26.3	4.786	-0.022	14.83
6/8/2011 1:00	16448	13.57	174.1	8.34	22.47	7.843	176.6	16.49	17.1	83.1	82.3	25.74	22.33	0	0.007	26.3	4.767	-0.019	12.77
6/8/2011 2:00	16449	14.9	175.4	9.35	26.05	8.74	178.9	17.15	17.1	81.6	80.8	28.59	25.09	0	0.007	26.28	4.748	-0.019	14.42
6/8/2011 3:00	16450	14.03	178.6	8.98	20.68	8.25	181.9	16.49	15.31	79.87	79.12	31.83	28.34	0	0.003	26.27	4.735	-0.013	14.48
6/8/2011 4:00	16451	11.13	187.5	9.31	20.68	6.526	191.2	16.2	13.52	77.88	77	35.3	31.98	0	0.003	26.26	4.713	-0.022	13.26
6/8/2011 5:00	16452	7.797	186.9	8.29	11.74	4.194	188.6	15.27	8.16	75.38	74.02	38.94	36.19	0	0.001	26.26	4.704	-0.01	13.54
6/8/2011 6:00	16453	6.017	190	14.2	9.95	2.738	195.5	21.11	6.368	72.67	70.4	42.38	40.76	0	0	26.24	4.698	-0.006	14.41
6/8/2011 7:00	16454	5.999	205.7	7.734	9.95	2.927	211.9	13.14	6.368	71.8	69.41	43.52	42.15	0	2.749	26.24	4.696	-0.003	12.82
6/8/2011 8:00	16455	5.778	220.7	7.352	9.95	2.788	230.3	12.89	6.368	71.88	70.25	44.06	42.16	0	91.5	26.25	4.692	-0.003	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/8/2011 9:00	16456	7.658	213.8	13.21	15.31	5.295	218.4	16.86	11.74	76.37	76.94	39.7	35.35	0	280.8	26.28	4.685	-0.007	12.74
6/8/2011 10:00	16457	9.97	208.6	12.08	15.31	7.083	211.8	15.64	13.52	81.2	82.7	34.15	29.16	0	484.2	26.32	4.675	-0.01	14.49
6/8/2011 11:00	16458	8.68	230.8	17.53	15.31	6.84	232	18.74	13.52	86.4	87.9	27.32	22.53	0	664.2	26.35	4.662	-0.013	12.84
6/8/2011 12:00	16459	6.244	244.7	30.59	13.52	5.069	245.2	29.88	11.74	93.7	94.9	18.26	13.81	0	833	26.36	4.645	-0.016	12.94
6/8/2011 13:00	16460	5.312	282.8	55.42	17.1	4.539	285.7	58.07	15.31	100.5	101.7	8.7	4.443	0	948	26.38	4.626	-0.019	12.85
6/8/2011 14:00	16461	8.14	282.2	46.24	24.26	6.722	281.9	44.43	20.68	101.7	103	5.389	2.005	0	964	26.37	4.588	-0.038	12.92
6/8/2011 15:00	16462	8.58	261.4	57.03	22.47	7.015	262.7	55.7	17.1	102.6	104	4.906	1.986	0	972	26.36	4.547	-0.041	13.62
6/8/2011 16:00	16463	8.76	310.3	49.81	20.68	7.419	309.6	51.52	17.1	102.6	103.8	5.156	1.994	0	903	26.34	4.509	-0.038	12.68
6/8/2011 17:00	16464	9.18	213.1	41.87	24.26	6.936	216.7	42.74	18.89	103.1	104.7	5.383	1.99	0	764.1	26.32	4.462	-0.047	12.78
6/8/2011 18:00	16465	10.8	218.3	30.42	22.47	8.05	219.2	31.86	18.89	101.3	102.6	5.868	1.959	0	488.8	26.3	4.421	-0.041	13.06
6/8/2011 19:00	16466	9.59	224.2	28.7	22.47	7.147	226.4	29.22	18.89	101.9	102.9	5.548	1.974	0	419.2	26.29	4.379	-0.041	12.86
6/8/2011 20:00	16467	10.64	222.7	27.83	20.68	7.657	224.2	28.44	17.1	100.4	100.7	6.091	2.049	0	230.1	26.28	4.345	-0.035	12.72
6/8/2011 21:00	16468	8.88	245	12.91	18.89	6.16	245.5	13.25	15.31	97.1	96.4	7.611	3.848	0	51.14	26.28	4.322	-0.022	12.8
6/8/2011 22:00	16469	11.25	197.8	33.16	31.42	5.773	176.4	24.19	22.47	91.6	89.5	16.56	13.48	0	0.332	26.27	4.307	-0.016	14.69
6/8/2011 23:00	16470	16.67	177.8	9.76	29.63	9.82	180.7	17.2	20.68	90	89.5	25.4	21.87	0	0.04	26.28	4.288	-0.019	12.63
6/9/2011 0:00	16471	20.6	173.6	8.81	34.99	12.1	176.9	17.08	24.26	87.1	86.6	31.88	28.22	0	0.039	26.29	4.263	-0.025	12.64
6/9/2011 1:00	16472	17.83	175	8.49	51.1	10.57	177.9	16.33	27.84	83.8	83.3	35.71	32.13	0	0.032	26.29	4.244	-0.019	14.25
6/9/2011 2:00	16473	14.35	169.8	15.61	26.05	8.57	172.1	21.55	18.89	81.4	80.8	40.52	36.99	0	0.02	26.29	4.232	-0.013	12.79
6/9/2011 3:00	16474	9.28	150	11.64	15.31	5.226	151.2	19.94	11.74	78.85	77.89	43.78	40.75	0	0.013	26.28	4.212	-0.019	12.74
6/9/2011 4:00	16475	8.55	158.8	9.37	15.31	4.467	159.5	16.9	9.95	76.75	75.48	45.5	42.87	0	0.01	26.27	4.206	-0.006	14.89
6/9/2011 5:00	16476	7.712	165.7	14.13	11.74	3.881	167.1	20.63	9.95	74.83	73.36	47.32	44.94	0	0.006	26.26	4.2	-0.006	12.8
6/9/2011 6:00	16477	4.139	154.6	26.83	8.16	1.193	122.8	35.87	4.578	72.64	70.32	49.74	48.68	0	0.001	26.25	4.191	-0.008	12.77
6/9/2011 7:00	16478	3.98	139.3	48.91	8.16	2.303	104	53.22	4.578	71.4	68.71	51.18	50.45	0	2.685	26.26	4.189	-0.003	13.05
6/9/2011 8:00	16479	4.664	178.4	27.7	9.95	2.321	177.2	40.36	6.368	71.64	70.16	51.35	49.24	0	90.1	26.27	4.182	-0.006	12.9
6/9/2011 9:00	16480	8.92	205.4	11.37	15.31	6.034	208.9	14.69	11.74	75.99	76.72	46.17	41.57	0	276.5	26.3	4.178	-0.004	14.96
6/9/2011 10:00	16481	9.98	209.8	10.92	15.31	6.982	212.3	14.95	11.74	80.2	81.5	39.82	34.82	0	410.5	26.34	4.171	-0.006	12.84
6/9/2011 11:00	16482	8.77	224.6	21.38	13.52	6.634	225.6	22.26	11.74	85.6	87	30.05	25.36	0	607.4	26.36	4.158	-0.013	14.86
6/9/2011 12:00	16483	9.36	265.3	22.97	17.1	7.795	265.8	25.25	15.31	94.1	95.2	13.63	9.4	0	837	26.37	4.135	-0.023	12.74
6/9/2011 13:00	16484	10.45	266.9	31.03	22.47	8.46	267.3	32.8	18.89	97.7	99.3	6.53	2.385	0	931	26.38	4.11	-0.026	12.78
6/9/2011 14:00	16485	10.6	232.8	26.51	24.26	8.25	234.6	26.64	17.1	99.3	101.3	5.309	1.945	0	1022	26.37	4.069	-0.041	12.91
6/9/2011 15:00	16486	9.71	228	28.8	24.26	7.571	231.6	32.61	20.68	101	102.8	5.171	1.956	0	1019	26.36	4.04	-0.028	14.24
6/9/2011 16:00	16487	12.18	215.8	21.14	26.05	8.81	217.8	23.07	26.05	101.6	104.1	5.912	1.959	0	942	26.34	3.983	-0.057	13.81
6/9/2011 17:00	16488	12.49	203.8	30.5	29.63	8.93	206.2	33.21	20.68	101.6	104	5.466	1.958	0	816	26.32	3.936	-0.048	12.79
6/9/2011 18:00	16489	13.62	216.8	18.65	26.05	9.69	219.1	20.54	20.68	101.7	103.7	5.446	1.963	0	639.1	26.3	3.882	-0.054	13.9
6/9/2011 19:00	16490	13.14	221.7	17.14	24.26	9.53	223	18.84	20.68	101.1	102.2	5.642	1.955	0	447.9	26.28	3.844	-0.038	12.92
6/9/2011 20:00	16491	11.15	233.4	14.67	22.47	8.15	233.8	15.74	17.1	99.9	100.1	6.236	2.139	0	242.8	26.28	3.812	-0.032	12.86
6/9/2011 21:00	16492	8.46	256.2	14.92	17.1	6.002	254.3	14.95	11.74	97.1	96.6	6.897	3.227	0	63.84	26.27	3.787	-0.025	13.02
6/9/2011 22:00	16493	5.785	247.3	25.1	13.52	2.286	242.9	32.54	9.95	91.6	88.1	7.442	4.903	0	0.531	26.27	3.765	-0.022	12.69
6/9/2011 23:00	16494	12.19	175.9	15.34	22.47	6.749	173.4	21.16	17.1	88.3	85.2	20.7	17.7	0	0.008	26.27	3.753	-0.012	12.76
6/10/2011 0:00	16495	13.46	178.6	8.88	24.26	8.01	182.1	16.22	18.89	86.3	85.7	36.25	32.83	0	0.027	26.29	3.74	-0.013	12.7
6/10/2011 1:00	16496	9.54	175.4	8.47	15.31	5.281	178.3	15.62	9.95	82.3	81.3	41.61	38.64	0	0.011	26.29	3.728	-0.013	12.76
6/10/2011 2:00	16497	9.44	172.2	8.08	15.31	5.13	174.7	16.36	9.95	79.78	78.68	45.14	42.46	0	0.006	26.28	3.712	-0.016	12.83
6/10/2011 3:00	16498	7.606	172.2	11.15	11.74	3.862	173.6	20.16	8.16	76.94	75.45	47.96	45.89	0	0.002	26.26	3.705	-0.006	12.84
6/10/2011 4:00	16499	5.175	197.8	21.05	9.95	1.714	205.7	27.23	6.368	74.86	72.57	48.98	48.12	0	0	26.24	3.702	-0.003	12.81
6/10/2011 5:00	16500	5.852	187.2	10.84	9.95	1.583	177.1	22.35	4.578	73.5	70.04	49.17	50.13	0	0	26.23	3.7	-0.002	12.83

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/10/2011 6:00	16501	4.91	175.3	13.4	8.16	0.803	142.7	12.27	4.578	71.9	68.65	49.68	50.51	0	0	26.22	3.697	-0.003	12.96
6/10/2011 7:00	16502	5.34	175.4	19.34	8.16	1.375	168.5	31.8	4.578	70.02	67.03	51.12	51.41	0	3.039	26.21	3.694	-0.003	12.77
6/10/2011 8:00	16503	5.81	190.8	10.28	11.74	2.628	189.4	17.31	8.16	71.55	70.43	49.43	47.38	0	99.6	26.23	3.691	-0.003	12.83
6/10/2011 9:00	16504	11.43	189.5	11.16	18.89	7.343	193.4	17.1	15.31	76.47	77.4	43.61	39.13	0	295.5	26.26	3.68	-0.011	12.86
6/10/2011 10:00	16505	9.08	199.5	16.71	15.31	6.418	202.4	21.14	11.74	80.9	82.5	38.76	33.77	0	498.7	26.31	3.67	-0.01	13.36
6/10/2011 11:00	16506	6.156	216.6	26.18	11.74	4.783	221.3	30.62	9.95	86.6	88.3	30.4	25.48	0	679.5	26.33	3.66	-0.01	12.9
6/10/2011 12:00	16507	6.68	210.2	36	13.52	5.195	214.9	39.45	11.74	91.5	93.4	22.74	18.17	0	837	26.35	3.644	-0.016	13.45
6/10/2011 13:00	16508	5.513	226.8	37.88	15.31	4.291	229.6	38.79	11.74	96	97.5	18.23	13.73	0	893	26.36	3.625	-0.019	14.66
6/10/2011 14:00	16509	6.312	212.2	33.05	15.31	4.835	221	35.64	11.74	97.3	99	15.51	11.05	0	770	26.36	3.6	-0.025	14.94
6/10/2011 15:00	16510	9.56	182.8	25.31	18.89	6.667	187.1	31.55	15.31	97.5	100.3	16.04	11.24	0	755.5	26.34	3.562	-0.038	12.84
6/10/2011 16:00	16511	7.957	186.2	33.77	17.1	5.671	192.8	35.95	15.31	98.7	100.6	14.01	9.58	0	573.8	26.32	3.524	-0.038	15.16
6/10/2011 17:00	16512	10.88	201.8	26.88	22.47	7.709	205.1	29.78	17.1	100.4	102.7	10.42	5.914	0	776.9	26.29	3.476	-0.048	12.98
6/10/2011 18:00	16513	11.97	214.6	21.75	29.63	8.67	216.2	25.31	22.47	100.9	102.7	8.18	3.747	0	667.7	26.27	3.435	-0.041	12.82
6/10/2011 19:00	16514	13.39	243.7	26.16	26.05	10.13	244	26.65	20.68	100.8	101.6	3.853	1.964	0	448.5	26.25	3.394	-0.041	12.74
6/10/2011 20:00	16515	12.97	240	11.52	24.26	9.69	240.6	12.79	18.89	99.5	99.5	2.586	1.906	0	252.4	26.25	3.356	-0.038	12.75
6/10/2011 21:00	16516	10.09	244.4	12.8	20.68	7.091	244.1	12.84	15.31	96.1	95.6	2.494	1.86	0	68.81	26.26	3.331	-0.025	12.88
6/10/2011 22:00	16517	9.71	292.5	59.08	26.05	6.198	295.3	61.08	17.1	87.9	86.7	10.71	8.82	0	0.53	26.26	3.312	-0.019	12.69
6/10/2011 23:00	16518	16.23	65.64	12.79	29.63	10.07	63.3	18.67	22.47	75.62	75.66	54.38	49.85	0	0.001	26.26	3.303	-0.009	12.69
6/11/2011 0:00	16519	12.71	82	10.29	24.26	7.736	79.96	18.39	17.1	73.59	73.26	58.4	54.43	0	0.001	26.26	3.293	-0.01	14.84
6/11/2011 1:00	16520	11.32	105.1	11.6	20.68	6.999	103.2	20.04	15.31	73.55	72.84	57.95	54.63	0	0	26.26	3.288	-0.006	12.88
6/11/2011 2:00	16521	10.13	104.5	9.51	15.31	6.389	102.1	18.23	11.74	72.72	72.09	57.73	54.37	0	0	26.26	3.284	-0.003	12.72
6/11/2011 3:00	16522	8.62	105.5	13.4	15.31	5.036	102.3	22.37	9.95	72.43	71.46	55.49	52.64	0	0	26.25	3.278	-0.006	14.8
6/11/2011 4:00	16523	7.475	103.2	9.65	11.74	3.949	97	16.14	6.368	70.04	68.21	57.63	56.14	0	0	26.24	3.269	-0.009	14.87
6/11/2011 5:00	16524	7.482	105.1	10.26	11.74	3.674	92.6	15.7	6.368	68.24	65.97	59.02	58.2	0	0	26.23	3.263	-0.006	12.72
6/11/2011 6:00	16525	9.21	115.9	8.52	13.52	5.011	113.2	19.34	9.95	68.99	67.38	54.36	52.54	0	0	26.23	3.26	-0.003	12.99
6/11/2011 7:00	16526	7.041	119.5	9.8	11.74	3.534	107.6	20.31	8.16	67	65.35	55.82	54.04	0	3.699	26.24	3.253	-0.006	14.98
6/11/2011 8:00	16527	4.363	136.3	23.64	6.368	1.527	116.5	31.73	4.578	68	67.25	55.05	52.27	0	106	26.25	3.253	0	12.84
6/11/2011 9:00	16528	9.27	183.9	11.49	20.68	5.947	187.7	17.87	15.31	73.42	74.38	55.04	49.87	0	290.3	26.29	3.249	-0.004	12.81
6/11/2011 10:00	16529	14.03	184.1	13.12	22.47	9.1	188	18.76	17.1	77.38	79.21	56.41	50.17	0	496.7	26.33	3.243	-0.006	12.77
6/11/2011 11:00	16530	13.49	180.3	12.88	22.47	8.76	184.3	19.56	17.1	82	84.6	49.63	43.08	0	689.5	26.35	3.226	-0.016	13.22
6/11/2011 12:00	16531	13.19	187.6	15.81	20.68	8.72	191	20.66	15.31	87.3	90.2	38.68	32.6	0	861	26.37	3.207	-0.019	12.91
6/11/2011 13:00	16532	12.39	203.7	21.08	22.47	8.91	206.5	23.5	18.89	92.7	95.4	20.11	15.25	0	980	26.38	3.169	-0.038	14.84
6/11/2011 14:00	16533	12.33	206.4	25.19	40.36	8.95	209.5	28.05	34.99	95.7	98.4	12.51	7.825	0	1033	26.38	3.127	-0.041	12.86
6/11/2011 15:00	16534	13.24	211.3	23.69	26.05	9.54	214.2	26.17	20.68	97.4	100.2	11.96	7.126	0	1025	26.37	3.086	-0.041	12.95
6/11/2011 16:00	16535	12.74	206.6	25.61	27.84	9.23	210.7	28.36	18.89	98.8	101.4	9.55	4.866	0	956	26.35	3.045	-0.041	12.75
6/11/2011 17:00	16536	14.91	204.6	28.74	42.15	10.35	208	31.07	27.84	99.4	101.8	6.303	2.943	0	830	26.33	3.004	-0.041	14.93
6/11/2011 18:00	16537	12.91	218	18.63	24.26	9.4	220.1	19.66	20.68	100.4	102.1	2.573	1.952	0	671.8	26.32	2.937	-0.066	12.76
6/11/2011 19:00	16538	12.32	228	19.55	27.84	9.13	229	20.97	26.05	100.2	101.1	2.548	1.947	0	468.4	26.3	2.909	-0.029	12.93
6/11/2011 20:00	16539	11.45	220.1	15.6	18.89	8.05	221.9	16.85	17.1	99.5	99.6	2.537	1.907	0	268.2	26.28	2.868	-0.041	12.96
6/11/2011 21:00	16540	8.09	225.9	13.44	15.31	4.893	225.7	15.42	11.74	95.9	94.8	2.473	1.854	0	73	26.28	2.833	-0.035	12.86
6/11/2011 22:00	16541	12.89	178.3	12.27	27.84	7.323	180.3	18.33	20.68	88.8	87.3	23.04	19.75	0	0.581	26.27	2.817	-0.016	13.05
6/11/2011 23:00	16542	12.8	172.9	8.57	22.47	7.536	176.5	16.87	17.1	85.9	85.2	34.92	31.54	0	0.016	26.27	2.808	-0.009	12.75
6/12/2011 0:00	16543	11.67	176.7	8.73	18.89	6.708	179.6	16.64	13.52	82.4	81.6	38.69	35.48	0	0.011	26.28	2.796	-0.013	12.92
6/12/2011 1:00	16544	11.89	182.5	9.54	24.26	7.077	186.1	16.41	18.89	80.2	79.43	40.56	37.22	0	0.006	26.27	2.786	-0.01	12.78
6/12/2011 2:00	16545	9.85	190.8	8.49	15.31	5.863	194.3	14.71	9.95	77.82	76.9	45.18	42.06	0	0.003	26.26	2.777	-0.01	12.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/12/2011 3:00	16546	8.87	192	7.846	17.1	5.022	194.8	14.27	9.95	75.66	74.52	48.04	45.29	0	0.001	26.24	2.764	-0.013	12.76
6/12/2011 4:00	16547	7.578	182.5	7.625	11.74	3.743	186.5	15.01	8.16	73.06	71.21	49.3	47.62	0	0	26.23	2.758	-0.006	12.8
6/12/2011 5:00	16548	8.02	186.5	8.3	13.52	4.284	190.8	15.52	8.16	72.09	70.43	49.02	46.96	0	0	26.21	2.752	-0.006	12.79
6/12/2011 6:00	16549	5.634	194.8	13.21	11.74	2.836	202.4	19.61	6.368	70.66	68.89	51.86	49.95	0	0	26.21	2.749	-0.003	14.53
6/12/2011 7:00	16550	4.779	198.2	16.89	8.16	1.852	195.2	23.48	4.578	69.23	66.54	55.18	54.5	0	3.725	26.21	2.743	-0.006	12.86
6/12/2011 8:00	16551	4.641	213.2	11.79	8.16	1.55	230.9	15.29	4.578	69.81	68.2	55.87	53.45	0	110.9	26.23	2.743	0	12.87
6/12/2011 9:00	16552	9.83	194.2	19.49	18.89	6.257	197.4	23.05	13.52	74.65	75.41	50.75	45.92	0	302.8	26.28	2.735	-0.007	12.91
6/12/2011 10:00	16553	10.8	182.8	13	17.1	7.125	186.2	19.12	13.52	79.56	81.5	46.25	40.55	0	507.7	26.33	2.732	-0.003	12.8
6/12/2011 11:00	16554	9.47	202.2	16.85	15.31	6.845	205.1	20.34	13.52	84	86.2	41.55	35.73	0	694.1	26.36	2.719	-0.013	12.86
6/12/2011 12:00	16555	8.05	192.7	25.37	15.31	5.927	196.4	29.39	11.74	89.8	92.3	33.23	27.74	0	863	26.38	2.69	-0.029	14.27
6/12/2011 13:00	16556	9.02	184.5	28.22	20.68	6.435	189.3	32.78	13.52	94.3	97.4	27.96	22.4	0	968	26.39	2.665	-0.025	14.85
6/12/2011 14:00	16557	9.34	177.7	26.9	18.89	6.57	181.5	32.53	15.31	97.9	101.5	19.75	14.53	0	1024	26.39	2.627	-0.038	12.96
6/12/2011 15:00	16558	11.96	187.7	23.92	26.05	8.42	191.7	27.83	20.68	100.6	103.8	10.53	5.835	0	1015	26.38	2.573	-0.054	13.04
6/12/2011 16:00	16559	12.98	176.5	23.29	26.05	8.67	180.5	28.89	18.89	102	105.2	7.675	3.123	0	946	26.36	2.516	-0.057	12.89
6/12/2011 17:00	16560	11.74	171.7	23.32	26.05	7.891	176	30.25	20.68	102.5	105.4	7.065	2.53	0	803	26.34	2.487	-0.029	13
6/12/2011 18:00	16561	10.92	177.9	26.18	33.21	7.116	181.2	32.37	27.84	100.4	101.6	9.16	4.959	0	228.8	26.32	2.449	-0.038	12.95
6/12/2011 19:00	16562	28.21	162.9	27.72	60.04	17.02	166.2	31.63	42.15	88.2	88.3	25.94	22.06	0	10.96	26.34	2.412	-0.038	12.96
6/12/2011 20:00	16563	13.54	123.2	11.24	29.63	8.29	124.9	21.34	20.68	87.8	88.1	25.8	21.76	0	106.8	26.3	2.396	-0.016	12.79
6/12/2011 21:00	16564	10.55	126.5	13.32	18.89	6.429	127.8	22.03	13.52	85.9	85.9	29.12	25.31	0	33.25	26.31	2.387	-0.009	12.81
6/12/2011 22:00	16565	8.47	132.2	25.91	17.1	5.031	133.8	30.68	11.74	83.7	83.2	31.37	27.77	0	0.499	26.31	2.371	-0.016	14.9
6/12/2011 23:00	16566	7.034	143.2	11.73	11.74	3.071	128.9	19.48	6.368	80.1	77.83	35.8	34.49	0	0.003	26.3	2.365	-0.006	12.95
6/13/2011 0:00	16567	7.179	167.6	16.95	20.68	3.291	164.1	26.77	13.52	80.3	77	31.31	30.79	0	0.002	26.3	2.358	-0.006	12.84
6/13/2011 1:00	16568	12.99	164.5	9.55	43.94	7.563	166.4	16.51	22.47	81.9	80.9	35.69	32.42	0	0.003	26.3	2.355	-0.003	12.84
6/13/2011 2:00	16569	12.65	179.1	9.46	22.47	7.451	182.8	16.63	15.31	79.88	79.05	40.77	37.46	0	0.007	26.32	2.339	-0.016	12.95
6/13/2011 3:00	16570	11.71	183.3	8.99	18.89	6.943	186.4	15.97	15.31	77.83	77.01	42.38	39.09	0	0.002	26.32	2.327	-0.013	14.47
6/13/2011 4:00	16571	12.6	171.8	11.01	18.89	7.307	175	17.8	13.52	76.72	75.92	42.27	38.97	0	0.004	26.31	2.32	-0.006	13.96
6/13/2011 5:00	16572	14.49	169.4	9.32	22.47	8.42	172.7	17.3	15.31	76.42	75.75	42.08	38.62	0	0.001	26.3	2.311	-0.01	13.75
6/13/2011 6:00	16573	12.54	179.5	9.97	22.47	7.364	184	16.84	15.31	75.31	74.59	44	40.59	0	0.002	26.3	2.301	-0.009	12.78
6/13/2011 7:00	16574	7.849	198	10.54	11.74	4.489	202.4	14.96	8.16	72.29	71.15	48.55	45.65	0	2.971	26.31	2.295	-0.006	12.77
6/13/2011 8:00	16575	7.835	195.9	11.55	13.52	4.885	199.3	16.23	9.95	73.25	72.7	47.78	44.36	0	97.6	26.32	2.292	-0.003	12.81
6/13/2011 9:00	16576	12.83	187	10.31	20.68	8.13	190.8	16.67	17.1	77.71	78.53	43.24	38.6	0	291.8	26.36	2.289	-0.003	12.82
6/13/2011 10:00	16577	14.28	185	12.65	20.68	9.22	188.3	18.74	17.1	80.9	82.6	39.92	34.63	0	474.6	26.4	2.266	-0.022	12.85
6/13/2011 11:00	16578	13.27	186.3	13.97	20.68	8.78	190	19.28	15.31	85.1	87.4	35.8	30.24	0	661.4	26.42	2.247	-0.019	12.79
6/13/2011 12:00	16579	13.65	187.6	15.24	20.68	9.17	191.5	20.29	17.1	89.7	92.6	28.61	23.05	0	847	26.44	2.218	-0.029	12.81
6/13/2011 13:00	16580	12.82	194.2	17.88	20.68	8.88	197.8	22.58	17.1	94.3	97.3	21.36	16.13	0	938	26.46	2.18	-0.038	12.89
6/13/2011 14:00	16581	12.15	199.5	23.7	20.68	8.77	204.2	25.84	17.1	97.7	100.8	16.37	11.31	0	1019	26.45	2.145	-0.035	12.72
6/13/2011 15:00	16582	11.46	209.6	24.05	22.47	8.57	212.7	26.04	17.1	100.1	102.6	12.56	7.784	0	1001	26.43	2.113	-0.032	12.64
6/13/2011 16:00	16583	12.36	209.6	25.27	26.05	9.07	212.6	27.09	22.47	101.6	104.2	10.96	6.176	0	933	26.42	2.072	-0.041	12.65
6/13/2011 17:00	16584	13.23	203.7	19.82	26.05	9.26	206.4	22.53	20.68	102.3	104.8	9.57	4.858	0	806	26.39	2.025	-0.048	12.77
6/13/2011 18:00	16585	14.19	209.5	22.38	27.84	10.12	212.5	24.15	20.68	102.5	104.5	7.789	3.235	0	642.2	26.37	1.98	-0.044	12.78
6/13/2011 19:00	16586	14.7	196.3	22.36	26.05	9.8	199.3	24.52	20.68	101.6	102.8	9.24	4.908	0	356.8	26.35	1.943	-0.038	12.93
6/13/2011 20:00	16587	14.74	174.5	11.19	22.47	8.88	178.3	17.57	18.89	98.3	98.3	13.11	9.18	0	74.75	26.34	1.927	-0.016	12.75
6/13/2011 21:00	16588	14.41	175.3	10.16	24.26	8.56	178.3	17.01	17.1	95	94.5	13.01	9.23	0	20.29	26.34	1.914	-0.013	12.77
6/13/2011 22:00	16589	9.73	170.3	9.81	17.1	5.407	172.7	16.83	11.74	90.7	89.4	15.1	11.69	0	0.319	26.35	1.901	-0.013	12.89
6/13/2011 23:00	16590	9.57	162.6	8.74	17.1	5.168	163.3	16.03	13.52	87.8	86.1	16.68	13.49	0	0.016	26.35	1.895	-0.006	14.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/14/2011 0:00	16591	13.37	164.1	8.42	20.68	7.673	166.5	15.98	15.31	85.9	84.9	20.7	17.1	0	0.015	26.34	1.892	-0.003	12.78
6/14/2011 1:00	16592	13.3	174.7	13.25	31.42	7.802	178.3	19.35	20.68	84	83.2	23.35	19.74	0	0.021	26.35	1.88	-0.013	12.99
6/14/2011 2:00	16593	11.65	181.8	10.26	18.89	6.969	184.8	16.84	13.52	81.7	80.8	27.01	23.41	0	0.016	26.34	1.873	-0.006	12.82
6/14/2011 3:00	16594	11.43	177.2	8.56	17.1	6.696	180.6	16.4	11.74	79.57	78.65	31.53	28.04	0	0.008	26.33	1.87	-0.003	12.74
6/14/2011 4:00	16595	10.74	177.5	9.71	18.89	6.258	181.7	17.45	13.52	77.84	76.95	33.72	30.27	0	0.004	26.31	1.864	-0.006	12.74
6/14/2011 5:00	16596	9.14	190.4	14.45	15.31	5.395	195.1	19.79	9.95	76.15	75.1	35.31	32.05	0	0.002	26.3	1.857	-0.006	14.77
6/14/2011 6:00	16597	7.404	186.9	11.24	13.52	3.919	190.1	17.46	9.95	74.47	72.96	37.33	34.59	0	0.002	26.29	1.854	-0.003	14.43
6/14/2011 7:00	16598	6.575	200	10.06	11.74	3.56	204.2	16.1	9.95	73.39	71.57	39.52	37.15	0	2.408	26.3	1.855	0	14.68
6/14/2011 8:00	16599	6.972	200	13.96	11.74	4.109	206.5	18.61	9.95	73.53	72.5	41.31	38.35	0	84.1	26.3	1.851	-0.003	14.56
6/14/2011 9:00	16600	12.46	196.2	10.01	20.68	8.14	199.8	15.31	15.31	77.32	77.97	39.33	34.73	0	266.3	26.33	1.851	0	12.84
6/14/2011 10:00	16601	12.99	207	11.4	20.68	8.88	210.5	15.47	17.1	80.8	82.3	37.33	32.04	0	475	26.37	1.848	-0.003	14.9
6/14/2011 11:00	16602	11.7	218.8	12.49	17.1	8.46	221.2	15.36	15.31	85.4	87.3	31.41	26.07	0	668.1	26.39	1.841	-0.007	12.79
6/14/2011 12:00	16603	9.77	248	24.27	18.89	7.872	249	25.76	15.31	92.4	93.7	19.96	15.3	0	840	26.4	1.828	-0.013	12.85
6/14/2011 13:00	16604	10.2	269.9	25.03	20.68	8.46	269.3	29	17.1	98.1	99.5	10.67	6.197	0	951	26.4	1.809	-0.019	13.02
6/14/2011 14:00	16605	14.11	269.9	21.75	42.15	11.46	269.6	24.74	29.63	100.6	102.2	6.425	2.243	0	963	26.39	1.79	-0.019	12.84
6/14/2011 15:00	16606	16.09	267.2	15.28	27.84	13	266.8	16.92	24.26	101.2	102.6	4.477	1.955	0	932	26.37	1.774	-0.016	14.77
6/14/2011 16:00	16607	18.12	256.9	15.78	36.78	14.37	257	17.1	31.42	102.3	103.7	3.197	1.97	0	906	26.34	1.752	-0.022	12.76
6/14/2011 17:00	16608	18.33	266.5	18.55	34.99	14.63	265.7	20.1	26.05	103.1	104.3	2.602	1.976	0	778.8	26.32	1.727	-0.025	12.76
6/14/2011 18:00	16609	17.05	274.2	14.39	29.63	13.63	273.7	16.28	24.26	103	103.9	2.565	1.978	0	587.5	26.3	1.717	-0.01	14.57
6/14/2011 19:00	16610	15.7	271.5	15.44	26.05	12.4	269.9	17.14	22.47	102.3	102.8	2.567	1.955	0	406.1	26.28	1.711	-0.006	13.02
6/14/2011 20:00	16611	15.24	269	12.42	26.05	12.09	267.7	13.83	20.68	101.4	101.4	2.555	1.941	0	257.4	26.28	1.708	-0.003	15.16
6/14/2011 21:00	16612	9.07	252	7.617	18.89	6.175	249.8	8.62	13.52	97.3	96.2	2.489	1.868	0	69.01	26.27	1.702	-0.006	13.44
6/14/2011 22:00	16613	6.524	250.9	12.1	11.74	2.718	249.6	14.86	8.16	89.6	85.2	2.404	1.769	0	0.674	26.25	1.702	0	12.74
6/14/2011 23:00	16614	7.511	310.5	20.58	15.31	4.638	315.7	27.15	9.95	85.1	81.6	2.659	1.746	0	0.004	26.25	1.702	0	12.74
6/15/2011 0:00	16615	4.856	331.9	24.06	8.16	1.886	340.2	33.66	6.368	82	77.81	4.909	2.556	0	0.004	26.25	1.699	-0.003	12.76
6/15/2011 1:00	16616	3.583	11.79	30.22	11.74	1.632	59.64	30.88	8.16	76.93	72.57	7.273	4.704	0	0	26.22	1.699	0	12.72
6/15/2011 2:00	16617	12.62	19.89	13.39	20.68	8.76	21.32	13.95	17.1	79.13	78.22	9.8	5.464	0	0.003	26.21	1.699	0	14.26
6/15/2011 3:00	16618	10.43	37.02	10.17	17.1	5.895	36.56	11.81	13.52	76.59	76.09	20.44	15.96	0	0.008	26.21	1.699	0	14.02
6/15/2011 4:00	16619	10.99	37.47	10.71	17.1	6.364	37.23	12.23	13.52	74.3	73.86	33.69	29.28	0	0.002	26.2	1.699	0	12.77
6/15/2011 5:00	16620	8.67	22.1	16.25	15.31	5.65	22.72	16.24	13.52	71.75	71.46	42.15	37.69	0	0.001	26.19	1.696	-0.003	14.36
6/15/2011 6:00	16621	11.27	23.43	10.03	17.1	7.829	24.15	12.36	15.31	70.69	70.45	49.58	45.04	0	0.001	26.19	1.696	0	12.78
6/15/2011 7:00	16622	7.104	359.3	20.1	15.31	4.87	350.1	26.09	11.74	68.62	68.19	57.17	52.79	0	3.405	26.2	1.696	0	13.05
6/15/2011 8:00	16623	9.11	356.1	17.01	15.31	6.476	355.3	19.98	13.52	68.72	68.68	56.93	52.17	0	107.9	26.21	1.696	0	13.04
6/15/2011 9:00	16624	9.42	358.9	12.43	17.1	7.303	358.6	15.01	13.52	74.44	74.84	50.44	45.39	0	305	26.24	1.696	0	13.05
6/15/2011 10:00	16625	7.395	358.7	18.05	11.74	5.888	358	20.15	11.74	81.8	82.8	40.83	35.66	0	511.3	26.28	1.696	0	12.87
6/15/2011 11:00	16626	5.88	297.1	42.44	11.74	5.024	298.7	42.62	9.95	88.9	90	31.64	26.63	0	682.3	26.32	1.695	0	14.82
6/15/2011 12:00	16627	6.275	330	33.22	13.52	5.232	331.1	36.61	11.74	92.9	94.2	26.1	21.17	0	851	26.35	1.695	0	14.57
6/15/2011 13:00	16628	5.617	335.7	48.7	13.52	4.672	333.9	46.82	11.74	97.1	98.3	19.88	15.21	0	946	26.37	1.692	-0.003	12.78
6/15/2011 14:00	16629	5.001	341.8	63.83	13.52	4.145	338.8	61.66	13.52	101.5	102.9	11.68	7.239	0	1013	26.36	1.692	0	12.85
6/15/2011 15:00	16630	5.646	349	83.6	13.52	4.491	350.6	77.87	11.74	103.3	104.7	7.379	3.054	0	998	26.35	1.689	-0.003	12.83
6/15/2011 16:00	16631	6.689	267.1	56.33	18.89	5.523	268.6	53.71	17.1	103.7	105	8.91	4.333	0	929	26.33	1.686	-0.003	12.79
6/15/2011 17:00	16632	9.22	265.3	64.49	18.89	7.532	268.6	63.24	18.89	103.8	105.4	5.37	2.103	0	824	26.31	1.686	0	12.73
6/15/2011 18:00	16633	8.47	287.9	38.75	17.1	6.934	289.3	40.61	15.31	103.2	104.3	3.22	1.989	0	645.6	26.29	1.686	0	15.03
6/15/2011 19:00	16634	7.122	267	27.68	15.31	5.835	268	31.11	13.52	103.2	103.6	2.662	1.975	0	457.7	26.27	1.683	-0.003	14.77
6/15/2011 20:00	16635	5.941	260.1	33.82	11.74	4.675	260.5	35.99	9.95	101.8	101.6	2.731	1.942	0	245.3	26.27	1.683	0	14.8

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/15/2011 21:00	16636	4.218	259	11.43	11.74	1.882	261.5	10.44	8.16	98.5	96.8	2.931	1.919	0	67.76	26.25	1.683	0	12.76
6/15/2011 22:00	16637	4.221	156.4	26.75	6.368	2.585	99	27.26	4.578	93.2	86.5	4.564	3.836	0	0.582	26.23	1.68	-0.003	14.92
6/15/2011 23:00	16638	6.729	132.6	6.134	8.16	3.423	85.4	8.09	4.578	92.4	82.8	4.733	4.736	0	0.007	26.21	1.68	0	12.72
6/16/2011 0:00	16639	8.09	138	13.29	18.89	3.637	100.6	27.36	11.74	90.2	80.3	5.894	5.99	0	0.005	26.2	1.68	0	12.76
6/16/2011 1:00	16640	8.19	175.2	8.74	22.47	3.94	177.3	17.2	11.74	80.8	78.91	25.98	22.32	0	0.005	26.21	1.68	0	12.71
6/16/2011 2:00	16641	7.633	166.5	7.904	11.74	3.562	166.7	16.53	6.368	78.78	76.5	38.31	35.81	0	0.002	26.19	1.677	-0.003	12.88
6/16/2011 3:00	16642	6.049	197.9	21.43	9.95	2.767	198.2	26	6.368	77.21	75.16	43.91	41.71	0	0.001	26.18	1.68	0.003	12.88
6/16/2011 4:00	16643	3.747	153	11.09	6.368	1.583	89	7.836	4.578	75.01	71.77	47.73	46.9	0	0	26.17	1.677	-0.003	12.79
6/16/2011 5:00	16644	3.846	156.5	16.03	8.16	0.773	124.8	17.84	6.368	74.03	71.27	49.65	48.77	0	0	26.15	1.677	0	12.86
6/16/2011 6:00	16645	4.818	170.1	14.74	8.16	0.799	166.7	17.58	4.578	71.72	68.63	51.17	51.02	0	0	26.14	1.68	0.003	12.75
6/16/2011 7:00	16646	6.989	204.1	34.04	13.52	3.453	206.9	40.67	9.95	71.98	68.94	48.68	48.28	0	3.523	26.15	1.68	0	12.83
6/16/2011 8:00	16647	7.434	187.8	13.39	13.52	4.431	194.7	19.7	11.74	75.21	74.56	45.22	41.98	0	109	26.16	1.68	0	12.84
6/16/2011 9:00	16648	11.81	192.2	10.1	18.89	7.697	195.8	15.96	15.31	79.01	79.84	42.78	38.12	0	302.8	26.2	1.68	0	12.87
6/16/2011 10:00	16649	13.34	203.6	10.52	18.89	9.13	207.3	14.62	18.89	82.7	84.3	40.53	35.19	0	495.2	26.24	1.68	0	13.28
6/16/2011 11:00	16650	11.61	205.8	11.01	17.1	8.27	208.9	15.35	15.31	87.8	89.9	34.38	28.93	0	673.5	26.26	1.68	0	12.88
6/16/2011 12:00	16651	9.85	231.3	22.18	17.1	7.658	231.9	23.68	13.52	94.1	95.8	20.75	16.07	0	835	26.27	1.679	0	12.82
6/16/2011 13:00	16652	9.63	270.4	28.14	18.89	7.98	271.5	32.84	17.1	99.9	101.2	9.98	5.578	0	966	26.28	1.679	0	12.82
6/16/2011 14:00	16653	12.14	260.9	25.19	24.26	9.85	260.7	26.87	18.89	103.2	104.8	3.672	1.974	0	1033	26.27	1.679	0	12.92
6/16/2011 15:00	16654	14.52	238.3	22.83	29.63	11.22	238.9	23.74	27.84	104.2	106.1	3.232	2.008	0	1026	26.26	1.679	0	14.22
6/16/2011 16:00	16655	17.76	227.4	21.9	34.99	13.15	228.9	22.07	26.05	104.6	106.7	3.352	2.013	0	961	26.24	1.679	0	12.68
6/16/2011 17:00	16656	18.17	227.4	21.16	38.57	13.22	228.8	22.64	29.63	105.3	107.4	2.825	2.016	0	850	26.22	1.68	0	12.66
6/16/2011 18:00	16657	19.6	235.3	16.1	40.36	14.59	236.4	16.77	29.63	104.2	105.6	3.346	2.011	0	655.3	26.21	1.676	-0.003	14.42
6/16/2011 19:00	16658	18.83	241.9	15.24	31.42	14.31	242.6	15.98	27.84	103.6	104.2	2.908	1.986	0	448.1	26.19	1.679	0.003	12.8
6/16/2011 20:00	16659	16.95	245.1	11.88	29.63	12.86	245.2	12.72	22.47	101.4	101.4	3.5	1.938	0	163.8	26.18	1.676	-0.003	12.74
6/16/2011 21:00	16660	15.65	253.5	9.46	27.84	12.14	252.7	10.22	22.47	98.9	98.7	5.254	1.899	0	58.79	26.18	1.676	0	12.78
6/16/2011 22:00	16661	10.52	253.7	8.33	17.1	7.82	253.5	9.21	13.52	94.9	94.2	6.879	2.733	0	0.698	26.17	1.673	-0.003	12.76
6/16/2011 23:00	16662	8.03	230.4	16.73	13.52	4.742	228.4	19.37	9.95	90.8	89	8.43	4.89	0	0.021	26.16	1.673	0	12.64
6/17/2011 0:00	16663	9.6	198	16.24	15.31	5.385	200	20.19	11.74	86.4	84.5	14.07	10.34	0	0.006	26.17	1.674	0	12.76
6/17/2011 1:00	16664	10.11	203.7	15.07	27.84	6.142	207.6	19.33	15.31	85.9	84.8	33.36	29.87	0	0.012	26.17	1.674	0	12.74
6/17/2011 2:00	16665	9	202	37.93	20.68	5.416	203.3	46.35	13.52	83.9	82.5	38.04	35.14	0	0.007	26.17	1.674	0	13.03
6/17/2011 3:00	16666	11.36	184.3	11.64	18.89	6.611	188	18.1	13.52	82.3	81.3	38.39	35.26	0	0.007	26.17	1.67	-0.003	12.81
6/17/2011 4:00	16667	5.908	197.9	36.46	18.89	3.082	203	41.08	13.52	78.38	76.8	41.18	38.72	0	0.004	26.16	1.67	0	12.8
6/17/2011 5:00	16668	4.392	191.3	32.15	13.52	1.87	195.1	36.91	8.16	75.07	73.16	43.38	41.37	0	0	26.15	1.671	0	12.92
6/17/2011 6:00	16669	4.373	157.9	17.06	9.95	1.767	144.3	29.89	6.368	72.11	69.35	45.45	44.71	0	0	26.15	1.671	0	12.86
6/17/2011 7:00	16670	6.498	162.5	6.998	9.95	2.201	150.6	12.63	4.578	70.46	66.06	47.39	49.13	0	2.184	26.15	1.671	0	12.87
6/17/2011 8:00	16671	8.39	169.8	7.242	13.52	4.291	168	15.8	8.16	70.69	68.83	48.39	46.62	0	94.9	26.16	1.671	0	14.49
6/17/2011 9:00	16672	7.567	189.7	14.06	11.74	5.078	192.8	18.89	9.95	76.92	77.82	37.69	33.41	0	304.6	26.21	1.67	-0.001	12.99
6/17/2011 10:00	16673	9.32	216.3	11.15	13.52	6.885	219.2	14.46	13.52	84.1	85.5	22.32	18.04	0	514.5	26.27	1.67	0	12.98
6/17/2011 11:00	16674	8.94	249.8	21.06	15.31	7.226	249.9	22.85	13.52	91	92.2	11.36	7.089	0	701.1	26.31	1.673	0.003	14.82
6/17/2011 12:00	16675	7.141	278.2	39.41	24.26	6.1	281.1	43.76	17.1	96.6	97.7	4.664	1.897	0	871	26.33	1.673	0	12.91
6/17/2011 13:00	16676	6.194	268.5	63.62	13.52	5.125	269.8	62.59	11.74	99.1	100.4	3.253	1.919	0	989	26.35	1.673	0	12.8
6/17/2011 14:00	16677	7.227	297.3	67.54	17.1	5.796	298.1	65.71	17.1	100.8	102.6	2.63	1.944	0	1040	26.34	1.673	0	12.7
6/17/2011 15:00	16678	8.04	224.4	51.48	29.63	6.273	230.7	53.49	38.57	102.3	104.5	2.571	1.956	0	1034	26.32	1.654	-0.019	12.91
6/17/2011 16:00	16679	8.67	229.4	54.66	22.47	6.841	232.6	54.91	17.1	103	104.6	2.577	1.96	0	972	26.3	1.654	0	12.64
6/17/2011 17:00	16680	11.93	226	32.53	24.26	9.05	227.8	33.9	20.68	102.8	104.7	2.556	1.966	0	856	26.29	1.654	0	12.72

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/17/2011 18:00	16681	13.42	228.6	16.84	36.78	9.94	230.1	17.57	29.63	102.1	103.5	2.553	1.966	0	575.4	26.27	1.654	0	12.68
6/17/2011 19:00	16682	15.85	229.8	17.26	29.63	11.63	231.8	18.05	24.26	101.8	102.7	2.568	1.963	0	498.9	26.26	1.654	0	12.82
6/17/2011 20:00	16683	17	223.3	12.59	31.42	11.82	225	14.56	26.05	100.4	100.7	2.551	1.936	0	282.9	26.26	1.654	0	13.9
6/17/2011 21:00	16684	14.76	233.5	10.16	27.84	10.49	234.3	12.02	22.47	97.4	97.2	2.504	1.884	0	75.9	26.26	1.654	0	15.03
6/17/2011 22:00	16685	7.267	231.3	12.21	11.74	3.393	233.7	12.58	8.16	91	88	3.929	1.856	0	0.819	26.25	1.654	0	12.74
6/17/2011 23:00	16686	4.495	215.1	11.43	8.16	1.224	175.8	27.41	4.578	85.8	81.2	5.596	2.701	0	0.002	26.24	1.655	0	12.96
6/18/2011 0:00	16687	5.863	226.5	11.3	9.95	1.884	219.2	16.59	4.578	83	78.27	7.076	4.408	0	0.001	26.23	1.651	-0.003	12.76
6/18/2011 1:00	16688	6.103	231.9	15.43	15.31	2.989	228.7	21.92	9.95	82.9	79.84	8.59	5.375	0	0.001	26.23	1.655	0.003	12.81
6/18/2011 2:00	16689	2.686	217.4	15.29	6.368	1.209	112.4	21.27	4.578	78.88	75.61	11.48	8.39	0	0.001	26.23	1.652	-0.003	12.94
6/18/2011 3:00	16690	5.105	165.7	30.12	15.31	2.228	122.4	34.33	8.16	76.36	71.91	13.7	11.59	0	0.001	26.22	1.652	0	12.83
6/18/2011 4:00	16691	6.039	162.6	16.82	11.74	2.383	142.5	29.97	6.368	74.84	71.74	30.09	26.65	0	0	26.21	1.652	0	12.85
6/18/2011 5:00	16692	3.67	172.7	12.16	6.368	0.451	158.7	7.673	4.578	72.02	69.41	40.01	37.91	0	0	26.22	1.652	0	14.86
6/18/2011 6:00	16693	2.618	241.3	48.2	6.368	0.707	320.1	10.88	4.578	71.64	68.74	43.6	40.95	0	0	26.23	1.652	0	12.85
6/18/2011 7:00	16694	4.536	275	19.4	6.368	1.817	310.5	11.55	4.578	73	68.14	41.65	41.65	0	3.269	26.25	1.655	0.003	12.91
6/18/2011 8:00	16695	4.317	246.9	21.69	8.16	1.012	268.1	30.82	4.578	73.91	70.54	41.67	40.26	0	87.6	26.26	1.652	-0.003	12.85
6/18/2011 9:00	16696	3.321	223	17.71	6.368	1.859	235.3	15.54	6.368	77.04	77.5	39.41	34.86	0	251.8	26.3	1.655	0.003	12.99
6/18/2011 10:00	16697	4.761	229.5	18.41	8.16	3.808	232.8	19.17	8.16	84.8	85.6	31.33	26.72	0	447.5	26.35	1.654	0	12.91
6/18/2011 11:00	16698	4.725	336.6	37.85	9.95	3.92	336.2	37.97	9.95	92.9	94	15.28	10.83	0	685.7	26.39	1.654	0	14.18
6/18/2011 12:00	16699	4.238	347.6	94.8	11.74	3.489	342.3	89.6	9.95	98.9	100.1	7.834	3.553	0	847	26.41	1.654	0	12.86
6/18/2011 13:00	16700	6.075	302.9	62.82	15.31	5.246	307.4	61.97	15.31	101.1	102.3	6.925	2.466	0	993	26.41	1.654	0	13.31
6/18/2011 14:00	16701	6.85	264.3	62.89	18.89	5.687	266.7	67.46	17.1	102.4	103.6	6.658	2.238	0	925	26.39	1.654	0	15.07
6/18/2011 15:00	16702	12.5	255	42.12	31.42	10.07	256.3	43.37	24.26	102.1	103.6	5.8	1.981	0	810	26.37	1.654	0	14.27
6/18/2011 16:00	16703	14.9	250.7	18.42	40.36	11.75	250.3	18.68	29.63	102.7	104.3	6.829	2.297	0	853	26.35	1.654	0	14.21
6/18/2011 17:00	16704	12.18	246.3	28.02	27.84	9.43	244.8	29.31	24.26	102.3	103.5	6.801	2.453	0	556.3	26.33	1.654	0	14.89
6/18/2011 18:00	16705	13.93	254.5	16.48	27.84	10.96	253.7	17.54	22.47	102.5	103.3	6.535	2.246	0	443.6	26.31	1.654	0	12.74
6/18/2011 19:00	16706	14.22	239.4	17.52	26.05	10.62	238.7	19.23	20.68	101.4	101.8	7.016	2.743	0	263.8	26.29	1.654	0	15.09
6/18/2011 20:00	16707	12.06	227.7	11.55	24.26	8.58	229	13.68	17.1	100.9	101.1	7.677	3.519	0	191.2	26.27	1.654	0	12.82
6/18/2011 21:00	16708	12.73	254.2	10.7	29.63	9.88	253.5	11.13	20.68	98.7	98.4	6.596	2.498	0	42.44	26.27	1.654	0	12.82
6/18/2011 22:00	16709	6.454	253.3	11.16	15.31	3.178	249.7	12.6	13.52	92.3	90.1	9.22	6.058	0	0.506	26.26	1.654	0	12.79
6/18/2011 23:00	16710	7.763	287.9	11.49	13.52	4.245	301	14.54	8.16	89.4	85.9	11.13	8.53	0	0.008	26.24	1.655	0	12.81
6/19/2011 0:00	16711	11.24	208.4	63.08	26.05	6.579	209.1	68.6	17.1	89	87.3	16.57	13.11	0	0.012	26.24	1.655	0	12.85
6/19/2011 1:00	16712	9.78	190.7	8.82	17.1	5.782	194.8	15.34	13.52	87.7	86.6	24.74	21.34	0	0.014	26.25	1.655	0	13.05
6/19/2011 2:00	16713	10.86	190.5	9.31	20.68	6.593	194	15.63	13.52	85.7	84.7	28.43	24.99	0	0.014	26.24	1.651	-0.003	13.12
6/19/2011 3:00	16714	10.65	183.8	9.15	17.1	6.256	186.2	16.3	11.74	83.1	82.1	30.47	27.11	0	0.01	26.22	1.655	0.003	13.57
6/19/2011 4:00	16715	11.14	178	9.32	20.68	6.466	181.3	16.38	11.74	82	81.1	30.42	26.99	0	0.006	26.2	1.655	0	13.3
6/19/2011 5:00	16716	8.85	191.6	14.81	15.31	5.141	195.7	18.48	11.74	79.88	78.71	31.99	28.79	0	0.008	26.2	1.651	-0.003	12.93
6/19/2011 6:00	16717	5.212	207.1	18.76	11.74	2.081	203.3	19.95	6.368	77.65	75.19	33.83	31.99	0	0.001	26.2	1.651	0	15.13
6/19/2011 7:00	16718	4.917	180.3	12.44	8.16	1.127	171.9	15.79	4.578	74.42	71.33	37.73	36.54	0	2.593	26.18	1.652	0	12.99
6/19/2011 8:00	16719	4.477	180.4	25.03	8.16	1.295	179.4	38.35	6.368	73.28	71.73	40.77	38.1	0	90.3	26.18	1.652	0	13
6/19/2011 9:00	16720	10.39	190.6	10.15	20.68	6.717	194.8	15.84	15.31	79.43	80.2	39.67	35.01	0	286.8	26.2	1.655	0.003	12.9
6/19/2011 10:00	16721	12.43	202.9	11.61	18.89	8.38	205.8	15.99	15.31	85.3	86.8	35.38	30.19	0	489.6	26.25	1.654	0	15.1
6/19/2011 11:00	16722	14.27	204.8	12.35	20.68	9.84	208.2	16.22	17.1	89.8	91.9	27.53	22.36	0	675.7	26.26	1.654	0	13.01
6/19/2011 12:00	16723	14.37	213.1	12.75	24.26	10.19	215.5	16.02	18.89	96.1	98.4	15.75	11.03	0	842	26.27	1.654	0	13.13
6/19/2011 13:00	16724	17.56	236.4	18.4	36.78	13.42	237.4	19.37	31.42	100.2	102	7.194	2.784	0	958	26.27	1.654	0	12.96
6/19/2011 14:00	16725	21.11	243.8	19.23	42.15	16.17	244.9	19.7	33.21	101.6	103.3	5.658	1.959	0	1009	26.25	1.654	0	12.89

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/19/2011 15:00	16726	22.83	248.6	13.88	40.36	17.78	249	15.12	33.21	102.8	104.5	4.729	1.983	0	1011	26.23	1.654	0	12.79
6/19/2011 16:00	16727	21.64	240	15.42	42.15	16.38	240.6	16.29	36.78	103.5	105.1	4.331	1.998	0	922	26.2	1.654	0	12.83
6/19/2011 17:00	16728	21.84	239.2	14.62	36.78	16.41	240.1	15.43	31.42	104.1	105.5	3.689	2.002	0	827	26.18	1.654	0	12.88
6/19/2011 18:00	16729	22.37	233	14	34.99	16.4	233.8	15.44	29.63	104	105.2	3.563	2.006	0	657.9	26.16	1.654	0	12.78
6/19/2011 19:00	16730	21.01	234.2	13.32	36.78	15.69	235.3	14.49	29.63	104	104.7	3.711	2.001	0	458.1	26.13	1.654	0	12.84
6/19/2011 20:00	16731	19.6	226	12.62	31.42	13.8	227.5	14.42	26.05	102.8	102.9	3.711	1.958	0	217.9	26.11	1.654	0	14.86
6/19/2011 21:00	16732	12.34	218.3	15.84	22.47	8.08	219.3	18.92	17.1	98.9	98	5.213	1.971	0	18.97	26.1	1.651	-0.003	12.8
6/19/2011 22:00	16733	20.32	179.1	9.88	34.99	12.27	182.8	16.67	26.05	92.1	91.6	23.92	19.9	0	0.824	26.1	1.651	0	15.13
6/19/2011 23:00	16734	22.16	186.8	9.19	38.57	13.72	190.8	15.83	29.63	87.7	87.4	31.16	27.18	0	0.03	26.11	1.651	0	12.81
6/20/2011 0:00	16735	19.24	188.4	9.11	33.21	11.96	192.8	15.5	24.26	85.9	85.5	32.5	28.63	0	0.022	26.12	1.651	0	14.85
6/20/2011 1:00	16736	22.16	188.2	10.23	40.36	13.74	192.1	15.96	31.42	85	84.7	33.5	29.55	0	0.017	26.12	1.648	-0.003	12.76
6/20/2011 2:00	16737	20.53	186	8.44	33.21	12.75	190.1	15.42	24.26	83.3	83	37.93	34	0	0.014	26.1	1.648	0	12.8
6/20/2011 3:00	16738	19.94	186.5	8.92	33.21	12.43	190.9	15.66	26.05	83	82.6	36.43	32.64	0	0.01	26.09	1.648	0	13.51
6/20/2011 4:00	16739	17.07	188.2	8.89	29.63	10.61	191.9	15.24	22.47	81.9	81.4	37.13	33.37	0	0.012	26.09	1.648	0	12.78
6/20/2011 5:00	16740	9.02	223.8	29.31	18.89	5.888	226.8	32.49	13.52	79.36	78.5	39.32	35.92	0	0.007	26.09	1.648	0	12.78
6/20/2011 6:00	16741	8.8	202.5	11.64	17.1	5.138	207.1	16.11	11.74	77.09	75.88	41	37.98	0	0.004	26.08	1.648	0	12.77
6/20/2011 7:00	16742	10.24	227.1	47.36	27.84	6.85	231.7	50.3	18.89	75.8	74.84	41.23	38.03	0	2.8	26.09	1.648	0	12.85
6/20/2011 8:00	16743	10.29	5.821	15.04	18.89	6.885	1.932	17.39	15.31	74.41	74.45	30.05	25.91	0	91.5	26.13	9.43	7.785	12.88
6/20/2011 9:00	16744	10.35	7.429	15.85	18.89	6.418	4.3	18.73	15.31	76.35	76.94	26.03	21.42	0	293.3	26.15	9.43	0	12.82
6/20/2011 10:00	16745	11.86	340.3	14.45	20.68	6.732	340.7	16.87	15.31	79.85	81.7	21.55	16.29	0	507.3	26.19	9.43	0	12.84
6/20/2011 11:00	16746	9.35	325.2	18.32	15.31	7.837	327.5	19.35	13.52	83.7	85	17.89	12.99	0	704.1	26.2	9.43	0.002	12.93
6/20/2011 12:00	16747	10.11	282.6	25.44	22.47	7.545	280.8	30.53	17.1	88.1	90.1	14.37	9.28	0	872	26.21	9.43	-0.003	12.94
6/20/2011 13:00	16748	15.51	268.5	20.19	33.21	12.4	266	21.63	27.84	91.1	93.2	12.59	7.572	0	985	26.21	9.36	-0.074	12.83
6/20/2011 14:00	16749	16.43	254.6	18.7	29.63	13.36	254.1	17.89	24.26	93.3	95.2	11.8	6.925	0	1039	26.2	9.31	-0.051	12.85
6/20/2011 15:00	16750	15.19	261.2	24.49	26.05	12.1	258.7	24.65	26.05	94.9	97	10.05	5.136	0	1029	26.19	9.25	-0.054	12.78
6/20/2011 16:00	16751	15.56	248.6	23.94	33.21	12.1	248.2	24.83	27.84	96.5	98.5	8.65	3.959	0	965	26.18	9.17	-0.082	12.87
6/20/2011 17:00	16752	16.96	262.3	19.08	29.63	13.6	261.4	20.72	24.26	96.9	98.4	4.418	1.888	0	863	26.17	9.11	-0.064	13.02
6/20/2011 18:00	16753	14.52	248.3	15.62	27.84	11.51	248.5	16.8	22.47	97.1	98.3	4.921	1.907	0	684	26.16	9.07	-0.041	15.23
6/20/2011 19:00	16754	12.93	249.4	20.4	26.05	10.09	248.9	21.24	22.47	97.2	97.9	4.856	1.902	0	478.6	26.15	9.02	-0.044	14.09
6/20/2011 20:00	16755	9.95	250	28.03	26.05	7.713	248.5	27.3	22.47	96.9	96.9	4.913	1.88	0	268.6	26.15	8.99	-0.034	12.75
6/20/2011 21:00	16756	6.956	318.1	18.62	15.31	4.942	316.4	21.01	11.74	94.2	93.8	3.066	1.853	0	79.53	26.15	8.94	-0.05	12.76
6/20/2011 22:00	16757	5.427	347.6	21.42	8.16	2.377	351.3	22.06	6.368	87.7	84.5	4.428	1.794	0	0.935	26.15	8.91	-0.024	12.75
6/20/2011 23:00	16758	6.373	42.12	16.95	9.95	3.876	48.77	21.96	8.16	83	80.9	7.152	3.471	0	0.006	26.15	8.9	-0.016	12.67
6/21/2011 0:00	16759	6.776	43.15	8.82	11.74	3.739	52.8	12.72	6.368	81.2	78.81	9.3	5.698	0	0.004	26.15	8.88	-0.013	12.72
6/21/2011 1:00	16760	6.382	47.05	8.28	22.47	3.56	58.94	13.14	13.52	77.38	74.61	12.04	8.97	0	0.001	26.15	8.87	-0.016	12.73
6/21/2011 2:00	16761	12.85	62.63	14.71	22.47	7.385	60.43	19.72	13.52	73.24	72.66	22	17.57	0	0.002	26.16	8.84	-0.031	12.77
6/21/2011 3:00	16762	11.88	87.4	9.86	18.89	7.135	85.1	18.64	15.31	69.8	69.03	28.59	24.54	0	0	26.17	8.83	-0.011	12.77
6/21/2011 4:00	16763	11.65	67.04	11.81	17.1	7.171	65.27	16.91	13.52	68.66	68	30.5	26.37	0	0	26.16	8.81	-0.019	12.8
6/21/2011 5:00	16764	13.29	64.46	8.98	22.47	8.54	65.14	15.54	15.31	67.23	66.71	33.7	29.45	0	0	26.18	8.8	-0.013	12.82
6/21/2011 6:00	16765	15.98	52.24	9.79	24.26	9.02	49.52	14.98	17.1	66.12	65.85	38.61	34.06	0	0	26.2	8.78	-0.013	12.74
6/21/2011 7:00	16766	16.04	47.73	7.885	24.26	8.7	44.72	11.79	17.1	65.48	65.34	43.37	38.69	0	3.089	26.22	8.76	-0.019	12.85
6/21/2011 8:00	16767	15.19	53.21	8.88	22.47	8.42	50.24	14.73	18.89	66.68	66.78	44.91	40.08	0	97.5	26.23	8.75	-0.01	12.79
6/21/2011 9:00	16768	16.82	60.14	9.96	29.63	10.38	58.24	15.67	22.47	70.03	70.69	44.5	39.21	0	279.6	26.27	8.75	-0.006	14.69
6/21/2011 10:00	16769	19.85	68.01	10.51	29.63	12.58	66.07	17.03	22.47	73.91	75.3	42.41	36.61	0	492.7	26.3	8.74	-0.01	12.8
6/21/2011 11:00	16770	17.52	73.14	13.39	26.05	11.16	71.97	20.3	24.26	76.85	79.11	38.81	32.54	0	687.3	26.32	8.73	-0.01	12.81

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/21/2011 12:00	16771	15.21	75.63	15.11	27.84	9.88	72.81	21.94	20.68	79.8	82.6	35.61	29.12	0	857	26.35	8.71	-0.02	14.83
6/21/2011 13:00	16772	11.54	76.9	26.99	24.26	7.728	74.94	33.08	18.89	83.2	86.4	34.01	27.47	0	965	26.36	8.7	-0.014	12.81
6/21/2011 14:00	16773	7.648	86.9	43.42	17.1	5.61	84.2	52.31	13.52	87.4	90.7	32.2	25.93	0	1011	26.37	8.65	-0.042	12.86
6/21/2011 15:00	16774	7.636	48.3	42.33	15.31	5.716	45.02	45.39	15.31	90.1	92.4	29.72	23.93	0	1007	26.36	8.64	-0.016	12.94
6/21/2011 16:00	16775	6.332	62.26	57.92	17.1	4.819	53.72	63.02	15.31	92.8	94.8	26.13	20.85	0	935	26.35	8.62	-0.022	12.76
6/21/2011 17:00	16776	7.456	65.92	65.72	18.89	5.582	62.21	67.31	13.52	93.7	95.6	24.6	19.39	0	812	26.33	8.59	-0.025	14.35
6/21/2011 18:00	16777	6.784	106.4	66.67	15.31	4.941	101.2	71.9	11.74	94.4	96.2	23.13	18.14	0	641	26.31	8.57	-0.025	12.98
6/21/2011 19:00	16778	4.65	135.3	76.48	11.74	3.576	145.3	82.7	13.52	95.8	96.4	20.72	16.48	0	447.6	26.3	8.54	-0.022	12.74
6/21/2011 20:00	16779	5.863	70.11	44.48	9.95	4.13	66.15	43.94	8.16	93.8	94.3	21.98	17.9	0	247.8	26.29	8.53	-0.015	13.89
6/21/2011 21:00	16780	6.556	66.89	14.59	11.74	4.281	66.74	18.66	8.16	91.3	91.4	23.72	19.83	0	64.28	26.29	8.5	-0.025	13.07
6/21/2011 22:00	16781	8.17	49.25	10.57	13.52	4.653	49.21	14.43	9.95	87.3	86.9	26.56	22.67	0	0.804	26.27	8.47	-0.028	12.7
6/21/2011 23:00	16782	9.09	68.82	8.61	15.31	5.648	70.35	15.66	11.74	81.9	81.2	32.16	28.38	0	0.012	26.28	8.45	-0.021	13.17
6/22/2011 0:00	16783	15.43	87.4	11.96	29.63	9.55	85.9	20.25	20.68	81.9	81.3	32.72	28.92	0	0.009	26.3	8.43	-0.022	12.83
6/22/2011 1:00	16784	14.22	101.6	9.77	51.1	9.41	101.4	18.87	36.78	81.3	80.8	32.88	28.96	0	0.018	26.32	8.39	-0.044	12.78
6/22/2011 2:00	16785	14.74	135	12.61	29.63	8.83	137.1	20.51	20.68	77.57	77.31	53.57	49.15	0	0.013	26.33	8.37	-0.016	14.59
6/22/2011 3:00	16786	7.214	174.1	15.62	13.52	3.995	176.8	20.14	9.95	72.79	72.28	67.09	62.98	0	0.003	26.33	8.36	-0.01	14.33
6/22/2011 4:00	16787	2.236	148	48.08	8.16	1.139	136.1	49.63	4.578	70.35	69.43	70.1	66.5	0	0.001	26.3	8.36	-0.005	12.94
6/22/2011 5:00	16788	3.255	35.72	15.94	6.368	1.449	44.56	21.08	4.578	70.08	69.12	68.98	65.29	0	0	26.29	8.35	-0.008	14.17
6/22/2011 6:00	16789	4.738	45.84	9.69	8.16	2.322	51.15	17.68	6.368	69.56	68.53	69.24	65.99	0	0	26.3	8.35	-0.003	12.84
6/22/2011 7:00	16790	5.245	35.17	8.17	8.16	2.97	35.29	9.96	6.368	67.73	67.3	72.45	68.13	0	2.205	26.31	8.34	-0.006	12.79
6/22/2011 8:00	16791	8.68	28.7	8.94	13.52	5.644	29.17	11.91	11.74	68.17	68.4	73.01	67.49	0	92	26.34	8.33	-0.006	12.88
6/22/2011 9:00	16792	8.51	48.99	15.1	13.52	5.103	47.3	17.22	11.74	74.52	75.24	62.43	57.01	0	277.3	26.37	8.33	-0.006	12.82
6/22/2011 10:00	16793	12.06	88.3	14.13	18.89	8.02	87.1	21.53	15.31	79.51	81.5	52.45	46.4	0	479.4	26.41	8.32	-0.007	12.91
6/22/2011 11:00	16794	11.01	125.3	25.29	18.89	7.326	125.6	32.93	15.31	83.8	86.8	45.07	38.68	0	656.9	26.44	8.31	-0.008	12.79
6/22/2011 12:00	16795	9.33	138.9	21.99	18.89	6.319	140.4	30.8	15.31	87.1	90.7	40.61	34.07	0	823	26.46	8.31	-0.007	14.26
6/22/2011 13:00	16796	10.95	136	23.9	22.47	7.326	137.7	31.78	17.1	89.7	93.7	34.31	27.86	0	938	26.48	8.29	-0.019	14.13
6/22/2011 14:00	16797	11.48	146.7	28.45	24.26	7.795	149.5	34.75	17.1	91.8	95.6	30.34	24.15	0	992	26.48	8.26	-0.022	12.73
6/22/2011 15:00	16798	10.11	160.1	40.61	20.68	7.133	164	45.86	17.1	93.6	97	26.46	20.65	0	941	26.46	8.21	-0.051	12.71
6/22/2011 16:00	16799	11.93	142.2	32.82	24.26	8.05	144.7	39.46	20.68	94.2	98	25.32	19.44	0	917	26.45	8.18	-0.028	12.77
6/22/2011 17:00	16800	9.19	133.1	40.4	24.26	6.424	135	48.72	17.1	94.7	96.8	22.8	17.93	0	615.2	26.43	8.15	-0.032	14.16
6/22/2011 18:00	16801	11.47	148.4	22.44	24.26	7.59	151.2	27.5	17.1	95.5	98.3	20.06	15.01	0	666.7	26.41	8.12	-0.029	12.75
6/22/2011 19:00	16802	14.2	144.8	16.32	24.26	8.9	147.4	23.38	18.89	93.9	95.7	19.64	15.03	0	405.3	26.4	8.09	-0.038	12.88
6/22/2011 20:00	16803	13.1	161	15.49	22.47	8.16	163.9	21.53	17.1	92.8	93.6	19.75	15.56	0	243	26.39	8.05	-0.041	13.5
6/22/2011 21:00	16804	10.88	151.1	11.67	17.1	6.624	154.6	18.97	13.52	90.6	90.6	20.79	16.99	0	66.3	26.39	8.01	-0.031	12.82
6/22/2011 22:00	16805	10.83	143.1	7.685	17.1	6.398	145.8	15.86	11.74	86.7	85.7	22.45	18.97	0	0.791	26.38	7.984	-0.031	13.1
6/22/2011 23:00	16806	10.77	148	7.885	17.1	6.154	150.1	15.41	11.74	83.7	82.7	23.74	20.29	0	0.008	26.38	7.956	-0.028	12.74
6/23/2011 0:00	16807	11.66	148.6	8.67	18.89	6.843	150.7	16.03	13.52	81.9	81	27.65	24.01	0	0.006	26.38	7.934	-0.022	12.79
6/23/2011 1:00	16808	10.89	145.9	8.27	24.26	6.234	148.3	16.71	15.31	80	79.12	31.22	27.66	0	0.008	26.38	7.912	-0.022	15
6/23/2011 2:00	16809	10.93	144.2	7.981	17.1	6.446	146.4	16.05	11.74	78.18	77.27	34.02	30.51	0	0.005	26.37	7.899	-0.013	12.81
6/23/2011 3:00	16810	9.86	151.6	8.93	15.31	5.482	153.9	15.67	11.74	75.99	74.99	36.41	33	0	0.001	26.36	7.88	-0.019	12.9
6/23/2011 4:00	16811	7.612	151.4	6.298	9.95	3.605	147.1	14.36	8.16	72.64	70.98	40.48	37.8	0	0	26.34	7.871	-0.009	13.44
6/23/2011 5:00	16812	7.21	170.3	9.22	9.95	3.388	169.4	16.11	6.368	71.12	69.26	49.94	47.09	0	0	26.34	7.863	-0.008	12.81
6/23/2011 6:00	16813	7.514	167.3	8.07	11.74	3.87	167.8	15	6.368	70.17	68.91	56.4	53.43	0	0	26.34	7.86	-0.003	12.79
6/23/2011 7:00	16814	6.504	175.7	8.06	9.95	3.032	179.5	14.72	6.368	68.47	66.99	61.96	59.27	0	3.088	26.34	7.857	-0.003	12.79
6/23/2011 8:00	16815	7.181	175.6	9.53	15.31	4.113	178	17.07	11.74	70.15	69.96	61.84	57.59	0	102.5	26.35	7.851	-0.006	12.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/23/2011 9:00	16816	11.97	183.2	10.43	22.47	7.708	186.3	17.31	15.31	76.71	77.75	48.48	43.57	0	294.7	26.39	7.848	-0.002	13.34
6/23/2011 10:00	16817	17.02	188.9	10.67	26.05	10.85	192.7	16.47	18.89	83.2	84.6	27.9	23.43	0	497.1	26.44	7.828	-0.02	12.72
6/23/2011 11:00	16818	18.59	194.6	10.89	27.84	12.15	197.2	16.3	20.68	87.3	89.4	18.32	13.73	0	679.4	26.46	7.799	-0.029	12.91
6/23/2011 12:00	16819	17.76	192.8	13.22	31.42	11.79	196.9	18.18	26.05	90.2	92.8	15.38	10.55	0	849	26.47	7.773	-0.026	12.79
6/23/2011 13:00	16820	17.75	182.6	14.24	29.63	11.11	186.9	21.15	20.68	92.5	95.9	14.85	9.7	0	959	26.48	7.744	-0.029	13.34
6/23/2011 14:00	16821	17.04	181	14.4	29.63	10.73	185.2	21.12	20.68	94.4	98.1	15.32	9.98	0	1011	26.47	7.713	-0.032	13.83
6/23/2011 15:00	16822	15.64	181.7	20.46	29.63	10.42	185.3	24.8	22.47	96.5	99.9	15.71	10.37	0	1009	26.45	7.671	-0.041	12.58
6/23/2011 16:00	16823	15.53	174.4	19.89	27.84	10.29	179.5	25.08	22.47	97.5	100.9	15.78	10.46	0	946	26.44	7.627	-0.044	12.5
6/23/2011 17:00	16824	13.83	158	23.98	24.26	9.01	161.3	29.78	18.89	98.1	101.3	15.07	9.95	0	823	26.41	7.567	-0.06	12.52
6/23/2011 18:00	16825	14.26	158.5	18.96	26.05	9.23	162.6	24.24	20.68	98	100.7	13.53	8.7	0	657.8	26.39	7.519	-0.048	14.66
6/23/2011 19:00	16826	14.35	167.3	18.84	27.84	8.92	170.9	24.64	18.89	97.7	99.5	11.28	6.834	0	468.6	26.37	7.466	-0.054	14.78
6/23/2011 20:00	16827	16.24	178.7	12.11	27.84	10	181.5	18.05	20.68	96.3	96.9	13.1	8.96	0	264.7	26.36	7.431	-0.034	12.65
6/23/2011 21:00	16828	15.41	174.2	9.71	26.05	9.17	177.7	17	18.89	93	93	15.9	11.98	0	73.2	26.36	7.39	-0.041	12.84
6/23/2011 22:00	16829	11.87	166.4	7.63	18.89	6.722	169.2	15.08	15.31	88.1	87.1	19.74	16.23	0	0.792	26.34	7.369	-0.022	12.75
6/23/2011 23:00	16830	11.65	165.8	8	17.1	6.598	168.2	15.34	13.52	85.3	84.2	22.68	19.19	0	0.016	26.32	7.344	-0.025	14.23
6/24/2011 0:00	16831	12.64	162.7	8.32	18.89	7.371	165.4	15.53	13.52	83.7	82.7	25.84	22.31	0	0.016	26.32	7.328	-0.016	13.11
6/24/2011 1:00	16832	12.14	166	8.4	31.42	6.893	167.8	16.1	17.1	81.8	80.8	26.69	23.25	0	0.014	26.3	7.309	-0.019	12.74
6/24/2011 2:00	16833	11.86	170.7	8.24	18.89	6.79	173.5	16.26	13.52	80.4	79.39	23.83	20.37	0	0.011	26.29	7.29	-0.019	12.84
6/24/2011 3:00	16834	11.65	168.4	8.66	18.89	6.632	170.4	16.13	13.52	78.36	77.37	27.41	23.87	0	0.011	26.28	7.274	-0.016	12.75
6/24/2011 4:00	16835	11.16	170.7	8.39	18.89	6.328	174	16.05	11.74	76	75.04	32.98	29.37	0	0.004	26.26	7.262	-0.013	12.79
6/24/2011 5:00	16836	10.25	175.1	8.89	17.1	5.836	177.5	16	11.74	73.39	72.48	43.32	39.69	0	0.001	26.25	7.243	-0.018	12.56
6/24/2011 6:00	16837	9.47	188.6	11.68	15.31	5.575	191.8	17.5	11.74	72.14	71.2	52.34	48.88	0	0.002	26.24	7.231	-0.012	12.66
6/24/2011 7:00	16838	7.985	185.1	11.38	11.74	4.206	185	16.78	8.16	70.17	68.76	59.28	56.58	0	3.036	26.24	7.213	-0.018	12.7
6/24/2011 8:00	16839	9.47	180.6	9.96	15.31	5.639	182.8	16.57	13.52	71.64	71.44	60.18	56.03	0	106.7	26.25	7.209	-0.004	14.24
6/24/2011 9:00	16840	13.26	186.9	10.51	20.68	8.3	190	16.65	15.31	76.6	77.62	52.37	47.17	0	299.8	26.28	7.205	-0.005	12.88
6/24/2011 10:00	16841	14.46	195.8	10.07	20.68	9.84	199.5	15.45	17.1	81.6	83.2	41.88	36.44	0	499.3	26.31	7.189	-0.016	12.94
6/24/2011 11:00	16842	12.1	206.4	14.18	18.89	8.45	208.8	18.03	15.31	87	89.1	31.75	26.43	0	678.8	26.33	7.175	-0.014	12.85
6/24/2011 12:00	16843	11.36	218.9	17.07	18.89	8.33	219.8	18.97	15.31	92.2	94.5	24.03	18.87	0	846	26.35	7.145	-0.029	14.58
6/24/2011 13:00	16844	11.42	220.5	18.7	22.47	8.6	221.9	21.42	17.1	97.1	99.3	17.62	12.73	0	962	26.35	7.126	-0.019	13.65
6/24/2011 14:00	16845	12.16	215.3	26.06	22.47	9.12	218.1	27.88	18.89	100.7	103.3	12.54	7.666	0	1016	26.35	7.085	-0.041	12.53
6/24/2011 15:00	16846	11.8	212.2	24.64	27.84	8.65	215.8	26.93	24.26	103.4	106	9.41	4.571	0	1015	26.33	7.047	-0.038	12.68
6/24/2011 16:00	16847	12.12	219.2	22.91	24.26	9.07	221.7	24.28	18.89	104.9	107.3	7.67	2.886	0	954	26.31	7	-0.048	13.29
6/24/2011 17:00	16848	8.61	235	32.8	26.05	6.903	236.6	35.73	22.47	106.6	108.1	6.179	2.057	0	831	26.29	6.943	-0.057	12.74
6/24/2011 18:00	16849	8.8	245.6	44.22	20.68	6.977	247.3	45.6	17.1	107.1	108.4	4.672	2.045	0	662.1	26.28	6.895	-0.048	12.98
6/24/2011 19:00	16850	9.34	227.4	27.93	18.89	6.955	229.4	30.87	15.31	106.6	107.5	4.522	2.036	0	466.6	26.26	6.858	-0.038	15.07
6/24/2011 20:00	16851	9.8	220.2	29.79	18.89	7.112	223.1	30.36	15.31	105.5	105.6	4.419	1.992	0	262	26.25	6.817	-0.041	14.23
6/24/2011 21:00	16852	16.29	177.4	14.19	27.84	9.88	181.1	19.53	18.89	100.8	100.7	9.43	5.601	0	70.81	26.25	6.772	-0.044	15.05
6/24/2011 22:00	16853	15.2	173.9	8.55	24.26	9.02	177.5	16.53	17.1	94.8	93.9	13.82	10.03	0	0.842	26.24	6.734	-0.038	12.87
6/24/2011 23:00	16854	14.65	174.9	8.54	24.26	8.56	178.2	15.74	17.1	91.2	90.3	15.99	12.24	0	0.026	26.24	6.7	-0.035	12.92
6/25/2011 0:00	16855	15.26	181.4	8.26	22.47	9.28	184.6	15.41	17.1	88.6	87.8	19.93	16.13	0	0.02	26.25	6.678	-0.021	13.81
6/25/2011 1:00	16856	15.58	180.8	8.48	38.57	9.36	184.9	16.13	22.47	85.7	84.9	27.33	23.55	0	0.02	26.24	6.634	-0.044	12.76
6/25/2011 2:00	16857	13.76	184.5	8.71	20.68	8.19	187.3	15.84	15.31	82.5	81.7	34.38	30.67	0	0.016	26.23	6.612	-0.022	13.29
6/25/2011 3:00	16858	12.63	185.9	8.95	18.89	7.532	189.4	15.15	15.31	79.41	78.65	42.11	38.46	0	0.006	26.21	6.596	-0.016	13.59
6/25/2011 4:00	16859	12.54	180.5	10.83	20.68	7.39	183.2	16.72	13.52	77.08	76.36	49.06	45.46	0	0.003	26.2	6.583	-0.013	14.98
6/25/2011 5:00	16860	10.74	179.9	11.16	18.89	6.229	184.2	17.87	11.74	75.11	74.28	54.71	51.31	0	0.002	26.19	6.571	-0.013	13.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/25/2011 6:00	16861	8	194.7	10.22	13.52	4.373	197.8	15.55	9.95	72.44	71.06	60.12	57.51	0	0	26.19	6.569	-0.002	12.78
6/25/2011 7:00	16862	7.786	185.6	8.53	11.74	4.243	188.1	16.4	8.16	69.79	68.49	65.8	63.06	0	2.815	26.18	6.563	-0.006	12.81
6/25/2011 8:00	16863	6.03	169.9	33.49	15.31	3.687	174.9	37.98	9.95	70.79	70.51	65.63	61.46	0	108.2	26.19	6.56	-0.004	12.97
6/25/2011 9:00	16864	10.64	197.7	10.81	17.1	7.12	200.2	15.54	13.52	76.1	77.2	57.22	51.7	0	303.3	26.24	6.555	-0.005	12.84
6/25/2011 10:00	16865	11.14	212.5	11.55	17.1	7.968	215.3	15.04	13.52	81.8	83.4	46.67	41	0	506.1	26.28	6.545	-0.01	14.34
6/25/2011 11:00	16866	10.62	228.2	14.72	17.1	8.15	230.3	16.7	15.31	88.5	90	33.87	28.74	0	685.6	26.31	6.528	-0.017	12.85
6/25/2011 12:00	16867	7.877	244	24.73	15.31	6.413	244.9	26.92	13.52	96.5	97.8	19.09	14.56	0	858	26.33	6.512	-0.017	12.88
6/25/2011 13:00	16868	6.133	296	47.76	15.31	5.262	299.3	48.65	13.52	102.7	103.8	11.51	7.074	0	973	26.35	6.489	-0.022	12.77
6/25/2011 14:00	16869	6.225	219.7	69.6	15.31	4.835	218.6	71.73	11.74	105.9	107.9	7.697	3.135	0	1028	26.35	6.448	-0.041	12.68
6/25/2011 15:00	16870	7.344	233.5	51.43	22.47	5.986	237	51.83	15.31	108	109.7	5.78	2.152	0	1024	26.33	6.414	-0.034	12.96
6/25/2011 16:00	16871	8.71	217.6	46.02	22.47	6.713	222.8	41.76	17.1	109.3	110.9	3.033	2.07	0	963	26.32	6.37	-0.044	12.71
6/25/2011 17:00	16872	9.96	200.1	29.36	31.42	7.428	203.2	33.39	22.47	108.5	110.8	2.651	2.076	0	840	26.3	6.31	-0.06	12.68
6/25/2011 18:00	16873	9.01	200.1	48.9	24.26	6.777	206.7	51.84	22.47	108.7	110.6	2.661	2.08	0	671.9	26.29	6.262	-0.047	12.69
6/25/2011 19:00	16874	8.99	241	33.43	22.47	6.991	242.2	34.96	17.1	108.2	108.8	2.678	2.056	0	473.5	26.28	6.215	-0.048	12.7
6/25/2011 20:00	16875	9.99	212.1	17.1	18.89	7.082	215.1	19.26	15.31	106.5	106.8	2.642	2.012	0	268.9	26.27	6.167	-0.048	12.65
6/25/2011 21:00	16876	6.566	220.8	9.66	15.31	3.478	225.5	18.46	13.52	102.6	101.7	3.242	1.964	0	74.17	26.27	6.139	-0.029	12.95
6/25/2011 22:00	16877	8.7	188.5	18.87	20.68	4.298	166.9	16.44	15.31	96	92.1	11.12	8.29	0	0.77	26.26	6.12	-0.019	12.72
6/25/2011 23:00	16878	13.76	175.6	9.05	26.05	8.14	179.1	16.24	18.89	92.2	91.4	31.84	28.23	0	0.031	26.27	6.104	-0.015	14.88
6/26/2011 0:00	16879	16.2	178.5	8.67	24.26	9.75	182.5	16.22	18.89	88.7	88.2	38.61	34.98	0	0.03	26.28	6.079	-0.025	12.86
6/26/2011 1:00	16880	16.59	178.5	8.99	29.63	9.99	181.9	16.27	18.89	85.3	84.9	44.5	40.78	0	0.028	26.27	6.06	-0.019	12.74
6/26/2011 2:00	16881	16.2	182.4	9.84	27.84	9.99	185.7	16.13	20.68	82.6	82.1	50.84	47.04	0	0.027	26.26	6.041	-0.019	12.7
6/26/2011 3:00	16882	15.46	186.4	9.49	26.05	9.44	190.2	15.88	18.89	80.8	80.3	55.43	51.65	0	0.019	26.25	6.026	-0.016	14.74
6/26/2011 4:00	16883	13.82	192.2	10.6	24.26	8.73	196.2	16.2	17.1	79.66	79.19	57.91	54.16	0	0.016	26.25	6.013	-0.013	12.8
6/26/2011 5:00	16884	15.01	186.4	9.43	27.84	9.25	190.4	16.06	20.68	78.77	78.3	59.65	55.93	0	0.014	26.24	6.007	-0.006	12.77
6/26/2011 6:00	16885	13.87	187.5	9.4	22.47	8.59	191.4	15.09	17.1	77.76	77.24	60.96	57.27	0	0.015	26.24	5.991	-0.016	12.82
6/26/2011 7:00	16886	9.25	202.3	16.82	15.31	5.878	206.8	19.92	11.74	75.78	75.15	64.12	60.56	0	2.551	26.25	5.981	-0.01	12.8
6/26/2011 8:00	16887	9.58	206.8	13.99	17.1	6.209	210.6	17.56	13.52	75.89	75.71	65.52	61.2	0	99.5	26.26	5.978	-0.003	12.83
6/26/2011 9:00	16888	11.7	213.9	10.21	17.1	8.09	216.1	13.89	13.52	79.26	80.1	61.59	55.95	0	288.8	26.3	5.968	-0.01	12.89
6/26/2011 10:00	16889	10.8	219.1	11.2	17.1	7.964	221.8	14.21	13.52	83.9	85.4	53.26	47.35	0	487.5	26.33	5.958	-0.01	15.1
6/26/2011 11:00	16890	9.89	225.7	15.9	17.1	7.556	227.2	18.41	13.52	90.2	91.9	41.43	35.85	0	670.6	26.35	5.945	-0.013	14.49
6/26/2011 12:00	16891	7.114	236.6	33.9	15.31	5.706	236.9	35.48	13.52	97.2	98.7	27.5	22.6	0	838	26.37	5.926	-0.019	12.83
6/26/2011 13:00	16892	5.129	321.1	69.46	11.74	4.262	319.6	67.76	11.74	103.7	104.8	15.91	11.55	0	952	26.38	5.904	-0.022	13.04
6/26/2011 14:00	16893	6.25	229.8	54.87	15.31	5.076	236	60.38	13.52	106.5	108.3	11.9	7.307	0	1007	26.38	5.869	-0.034	14.95
6/26/2011 15:00	16894	6.264	225.2	94.3	13.52	5.144	241.3	93.8	11.74	107.6	109.6	9.25	4.625	0	952	26.36	5.831	-0.038	12.7
6/26/2011 16:00	16895	9.6	179.9	39.88	20.68	6.997	181.3	44.37	17.1	108.2	111.2	9.03	4.195	0	997	26.34	5.784	-0.047	14.02
6/26/2011 17:00	16896	8.52	231.3	70.69	18.89	6.71	234	67.34	18.89	108	110	8.34	3.687	0	687	26.33	5.733	-0.051	12.68
6/26/2011 18:00	16897	8.15	261.6	66.3	17.1	6.262	264	68.09	13.52	107.1	108.4	7.516	2.987	0	556.5	26.3	5.689	-0.044	13.5
6/26/2011 19:00	16898	8.86	193.8	29.85	18.89	6.203	197.5	31.71	13.52	106.8	108	6.556	2.243	0	354.7	26.29	5.651	-0.038	12.86
6/26/2011 20:00	16899	13.21	187.9	12.66	27.84	8.44	191.4	18.31	18.89	105.1	105.6	9.2	5.038	0	235.6	26.28	5.603	-0.048	12.74
6/26/2011 21:00	16900	19.9	176.4	10.87	31.42	11.97	180.7	18.32	22.47	100.2	100.1	15.65	11.68	0	57.64	26.28	5.556	-0.048	14.08
6/26/2011 22:00	16901	17.22	171.2	8.5	27.84	10.09	174.9	16.47	22.47	95.3	94.7	21.31	17.54	0	0.568	26.28	5.517	-0.038	12.73
6/26/2011 23:00	16902	14.82	170.3	8.73	24.26	8.65	173.7	16.29	17.1	91.4	90.7	28.5	24.82	0	0.031	26.29	5.492	-0.025	13.44
6/27/2011 0:00	16903	16.15	171.9	9.49	29.63	9.51	175.2	17.23	20.68	88	87.5	36.53	32.79	0	0.033	26.3	5.474	-0.018	12.84
6/27/2011 1:00	16904	17.22	178.4	9.17	34.99	10.3	182.3	16.94	22.47	84.9	84.5	42.33	38.52	0	0.031	26.3	5.449	-0.025	14.7
6/27/2011 2:00	16905	16.27	175.9	8.76	26.05	9.78	179.6	16.63	18.89	82.4	81.9	46.26	42.5	0	0.022	26.29	5.43	-0.019	15.02

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/27/2011 3:00	16906	14.47	178.9	9.08	24.26	8.6	181.9	16.43	17.1	80.3	79.77	50.93	47.13	0	0.024	26.29	5.414	-0.016	12.77
6/27/2011 4:00	16907	13.62	180.1	8.37	22.47	8.18	184.5	15.88	17.1	78.99	78.5	54.26	50.49	0	0.022	26.28	5.404	-0.01	12.78
6/27/2011 5:00	16908	12.03	177.2	8.89	18.89	7.04	180.4	16.73	15.31	77.64	76.98	56.86	53.3	0	0.018	26.28	5.392	-0.013	14.32
6/27/2011 6:00	16909	9.45	181.2	11.17	17.1	5.479	185.8	17.96	11.74	76.39	75.61	58.28	54.95	0	0.013	26.28	5.388	-0.003	12.84
6/27/2011 7:00	16910	8.3	168.1	10.97	15.31	4.584	168.8	17.14	9.95	75.22	73.99	59.05	56.43	0	2.339	26.29	5.383	-0.006	12.84
6/27/2011 8:00	16911	10.84	169.2	9.59	18.89	6.314	172	17.62	13.52	76.78	76.48	55.86	52.15	0	93.4	26.3	5.376	-0.007	14.11
6/27/2011 9:00	16912	15.64	172.6	10.2	24.26	9.55	175.9	16.62	17.1	80.4	81.2	50.22	45.3	0	286.6	26.34	5.366	-0.01	14.42
6/27/2011 10:00	16913	13.93	180.9	11.97	20.68	8.71	185.1	18.31	17.1	84.6	86.5	43.65	38.1	0	486.4	26.38	5.353	-0.013	12.88
6/27/2011 11:00	16914	11.41	204.6	14.31	18.89	8.16	207.1	17.96	15.31	88.5	90.7	37.68	31.95	0	670.7	26.4	5.34	-0.013	12.83
6/27/2011 12:00	16915	10.4	203.8	17.37	18.89	7.604	206.2	20.19	15.31	93.2	95.8	29.86	24.29	0	841	26.42	5.311	-0.029	12.8
6/27/2011 13:00	16916	9.83	209.3	20.26	18.89	7.341	212.5	23.24	13.52	97.1	99.6	23.45	18.16	0	957	26.43	5.279	-0.032	12.7
6/27/2011 14:00	16917	10.51	193.3	20.82	17.1	7.652	196.7	24.14	15.31	100.4	103.7	16.95	11.79	0	1013	26.44	5.247	-0.032	12.9
6/27/2011 15:00	16918	11.01	177.7	24.34	20.68	7.808	182.2	29.54	18.89	102.8	106.2	11.8	6.864	0	1012	26.43	5.206	-0.041	12.69
6/27/2011 16:00	16919	11.26	182	21.7	20.68	7.819	185.3	25.43	17.1	104.2	107.4	8.01	3.221	0	952	26.42	5.153	-0.054	12.72
6/27/2011 17:00	16920	12.03	165.4	27.97	24.26	8.13	169.6	32.16	17.1	104.4	107.4	9.21	4.383	0	824	26.41	5.112	-0.041	12.71
6/27/2011 18:00	16921	13.82	146.3	21.05	24.26	8.98	150.2	27.01	18.89	103.5	106.2	9.32	4.612	0	656.5	26.4	5.064	-0.048	12.69
6/27/2011 19:00	16922	14.58	156.1	16.79	27.84	8.99	159.4	23.58	18.89	102.3	104.3	11.57	7.002	0	460.5	26.38	5.01	-0.054	12.82
6/27/2011 20:00	16923	15.61	151.3	11.41	26.05	9.56	155.3	18.15	20.68	100.7	101.4	11.44	7.313	0	251.8	26.39	4.969	-0.041	12.69
6/27/2011 21:00	16924	12.25	152.9	9.4	20.68	7.12	156	16.83	15.31	96.6	96.1	15.13	11.31	0	30.51	26.4	4.934	-0.035	14.25
6/27/2011 22:00	16925	9.55	139.7	10.33	15.31	5.247	140.9	18.67	9.95	92.3	91	19.6	16.27	0	0.361	26.4	4.913	-0.022	12.71
6/27/2011 23:00	16926	7.2	134.2	5.748	9.95	3.161	120.5	15.84	6.368	87.6	84.7	22.35	20.22	0	0.021	26.42	4.9	-0.012	12.74
6/28/2011 0:00	16927	9.62	142.9	8.28	15.31	5.011	141	17.74	11.74	85.5	83.5	25.2	22.35	0	0.012	26.43	4.888	-0.013	14.89
6/28/2011 1:00	16928	8.86	160.5	8.6	18.89	4.93	162.3	16.38	11.74	84.9	84	28.67	25.16	0	0.028	26.44	4.872	-0.016	12.86
6/28/2011 2:00	16929	4.704	179.5	16.75	8.16	1.77	187.3	15.1	6.368	82	79.87	32.96	30.41	0	0.019	26.44	4.865	-0.006	12.89
6/28/2011 3:00	16930	5.608	182.6	10.11	8.16	2.257	184.1	15.64	6.368	79.85	77.56	38.44	36.11	0	0.004	26.43	4.859	-0.006	12.85
6/28/2011 4:00	16931	7.689	165	9.65	13.52	4.164	165.9	16.61	9.95	79.17	78	42.29	39.04	0	0.01	26.43	4.853	-0.006	12.9
6/28/2011 5:00	16932	9.13	159.3	7.801	13.52	5.167	160.5	15.14	9.95	78.65	77.63	47.19	43.87	0	0.015	26.43	4.846	-0.006	12.81
6/28/2011 6:00	16933	11.73	169.3	8.34	18.89	6.768	171.8	16	13.52	78.29	77.53	50.85	47.31	0	0.015	26.44	4.837	-0.01	13.02
6/28/2011 7:00	16934	10.1	156.9	14.66	17.1	5.956	158.8	19.86	11.74	76.69	75.98	55.58	52.02	0	4.514	26.45	4.831	-0.006	13.72
6/28/2011 8:00	16935	8.53	131.7	16.43	13.52	5.302	132.9	22.86	9.95	76.27	76.29	59.35	55.1	0	95.8	26.46	4.831	0	12.82
6/28/2011 9:00	16936	9.11	135.7	21.99	15.31	5.941	138	28.56	11.74	78.31	79.82	58.47	52.5	0	300.9	26.51	4.824	-0.006	13
6/28/2011 10:00	16937	10.29	169.6	16.62	17.1	6.85	172.3	23.35	17.1	81.2	83.6	57.07	50.02	0	497.3	26.53	4.814	-0.01	14.43
6/28/2011 11:00	16938	12.46	182.4	16.33	20.68	8.33	186	21.46	15.31	85	87.6	50.85	43.87	0	647	26.54	4.801	-0.013	14.3
6/28/2011 12:00	16939	11.16	166.5	23.11	20.68	7.483	169.3	28.44	15.31	88.4	91.1	42.46	36.16	0	711.7	26.55	4.785	-0.016	12.92
6/28/2011 13:00	16940	12.26	148.1	20.83	22.47	8.01	152.2	29.13	17.1	92.1	95.6	34.26	28.05	0	816	26.55	4.753	-0.032	15.24
6/28/2011 14:00	16941	14.14	138.5	21.7	24.26	9.26	141.3	29.58	18.89	94.9	98.8	26.62	20.66	0	1008	26.54	4.718	-0.035	12.81
6/28/2011 15:00	16942	12.34	146	21.89	22.47	8.23	148.5	29.01	18.89	97.8	101.7	20.55	15.07	0	1000	26.54	4.677	-0.041	14.85
6/28/2011 16:00	16943	13.94	151.7	17.92	26.05	9.08	154.5	25.26	18.89	98.9	102.5	17.04	11.75	0	931	26.52	4.62	-0.057	13.23
6/28/2011 17:00	16944	14.89	151.5	20.34	29.63	9.55	155.5	25.93	20.68	99.3	102.5	16.49	11.36	0	759	26.5	4.576	-0.044	12.71
6/28/2011 18:00	16945	15	142.4	18.17	27.84	9.4	145.5	25.81	22.47	98.6	101.2	18.75	13.78	0	605.3	26.48	4.529	-0.047	12.82
6/28/2011 19:00	16946	15.66	157.9	15.77	24.26	9.72	161.2	21.15	18.89	98.2	99.8	18.85	14.24	0	422.3	26.46	4.49	-0.038	12.78
6/28/2011 20:00	16947	15.73	156	11.6	26.05	9.67	159.5	18.26	18.89	97.1	97.7	16.89	12.78	0	233.5	26.45	4.446	-0.044	14.53
6/28/2011 21:00	16948	13.72	155.8	8.64	22.47	8.31	159.3	16.33	17.1	94.3	94.2	18.82	14.98	0	53.44	26.44	4.415	-0.032	14.74
6/28/2011 22:00	16949	10.27	155.9	7.346	17.1	5.809	157.8	14.95	13.52	90.2	89	21.63	18.25	0	0.293	26.43	4.387	-0.028	14.01
6/28/2011 23:00	16950	7.819	150	6.337	11.74	3.509	144.6	15.25	6.368	85.2	82.8	25.91	23.52	0	0.014	26.42	4.377	-0.009	14.55

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/29/2011 0:00	16951	8.07	144	6.417	11.74	3.787	137	16.42	6.368	82.4	79.69	29.07	27	0	0.013	26.41	4.368	-0.01	12.81
6/29/2011 1:00	16952	10.3	156.9	10.51	18.89	5.657	157.7	17.57	13.52	82	80.5	31.21	28.07	0	0.012	26.42	4.358	-0.01	12.85
6/29/2011 2:00	16953	10.31	174.9	9.36	18.89	5.844	177.4	16.35	13.52	80.7	79.83	38.62	34.98	0	0.02	26.44	4.346	-0.013	14.53
6/29/2011 3:00	16954	8.67	189.1	7.859	13.52	4.901	191.1	14.09	9.95	78.59	77.52	49.53	46.19	0	0.011	26.44	4.336	-0.01	13.01
6/29/2011 4:00	16955	7.716	183.1	6.91	9.95	3.794	182.5	14.62	6.368	75.62	74.08	56.14	53.56	0	0.005	26.43	4.333	-0.003	12.93
6/29/2011 5:00	16956	7.296	177.5	7.291	9.95	3.231	175.5	14.28	6.368	73.87	71.85	59.67	57.96	0	0.003	26.41	4.331	-0.002	13.83
6/29/2011 6:00	16957	8.03	162.5	7.877	11.74	3.887	159.5	15.21	8.16	72.9	70.97	62.28	60.51	0	0.002	26.41	4.328	-0.003	12.96
6/29/2011 7:00	16958	9.31	156	9.1	15.31	5.098	155.7	16.11	8.16	72.33	71.22	64.92	61.95	0	4.66	26.42	4.325	-0.003	14.19
6/29/2011 8:00	16959	11.61	155.5	9.46	20.68	6.868	157.8	16.2	17.1	73.94	73.98	65.24	60.72	0	115.5	26.43	4.32	-0.004	12.93
6/29/2011 9:00	16960	14.92	176.9	11.19	22.47	9.21	180.4	17.87	17.1	77.3	78.45	62.21	56.38	0	307.6	26.45	4.314	-0.007	13.19
6/29/2011 10:00	16961	15.29	186	10.98	22.47	9.91	189.2	17.01	18.89	80.5	82.4	56.28	49.81	0	505.7	26.48	4.301	-0.013	13.02
6/29/2011 11:00	16962	14.14	191.6	14.35	22.47	9.58	195.3	19.55	18.89	84.8	87.3	47.81	41.21	0	686.2	26.5	4.288	-0.013	12.83
6/29/2011 12:00	16963	15.02	199.2	13.97	22.47	10.3	201.9	18.59	18.89	89.2	91.9	36.69	30.55	0	853	26.51	4.256	-0.032	14.35
6/29/2011 13:00	16964	14.03	197.8	18.26	26.05	9.8	201.2	21.34	18.89	93	96.1	29.04	23.13	0	961	26.51	4.221	-0.035	12.79
6/29/2011 14:00	16965	14.28	174.2	16.66	26.05	9.5	177.1	22.13	18.89	96.3	99.9	22.71	17.04	0	1009	26.51	4.167	-0.054	14.67
6/29/2011 15:00	16966	14.82	165.4	20.17	26.05	9.78	169.7	25.86	20.68	98.3	102	18.98	13.48	0	997	26.5	4.119	-0.048	13.7
6/29/2011 16:00	16967	13.82	173.1	22.82	24.26	9.18	176.2	27.18	20.68	99.3	102.8	15.38	10.17	0	931	26.48	4.072	-0.047	12.76
6/29/2011 17:00	16968	15.24	168.2	22.17	29.63	9.81	171.8	28.21	20.68	99.8	102.9	15.57	10.46	0	801	26.47	4.025	-0.047	13.06
6/29/2011 18:00	16969	16.33	151.3	17.74	29.63	10.29	154.8	23.55	22.47	98.9	101.4	15.63	10.75	0	581.6	26.45	3.968	-0.057	12.89
6/29/2011 19:00	16970	15.53	157	14.25	27.84	9.59	160.1	20.31	18.89	98.1	99.7	15.6	11.07	0	435.1	26.43	3.933	-0.035	12.74
6/29/2011 20:00	16971	17.15	158.1	13.38	27.84	10.45	161.7	19.43	20.68	96.5	97.1	15.53	11.4	0	236.5	26.42	3.892	-0.041	12.91
6/29/2011 21:00	16972	15.55	155	9.14	24.26	9.39	158.7	16.16	17.1	93.3	93.2	19.33	15.41	0	55.46	26.41	3.86	-0.032	14.42
6/29/2011 22:00	16973	10.99	153.9	7.998	20.68	6.187	157	15.5	13.52	89	88	24.18	20.66	0	0.285	26.4	3.841	-0.019	15.19
6/29/2011 23:00	16974	10.4	154.2	8.27	17.1	5.911	155.9	15.91	11.74	86	85	29.55	26.07	0	0.019	26.4	3.829	-0.012	12.98
6/30/2011 1:00	16975	8.83	168.3	9.42	15.31	4.697	170.1	16.61	11.74	81.8	80.3	38.26	35.28	0	0.013	26.4	3.813	-0.016	14.53
6/30/2011 2:00	16976	11.04	182.3	9.4	18.89	6.541	185.1	16.05	13.52	79.35	78.64	47.68	43.99	0	0.008	26.4	3.804	-0.01	15.08
6/30/2011 3:00	16977	11.49	181.7	8.15	18.89	6.964	184.6	15.27	13.52	77.54	76.94	53.69	49.96	0	0.013	26.4	3.797	-0.006	12.87
6/30/2011 4:00	16978	9.57	178.9	8.43	15.31	5.546	181.4	15.45	11.74	75.49	74.68	56.91	53.5	0	0.007	26.39	3.788	-0.01	12.71
6/30/2011 5:00	16979	6.814	180.8	7.996	11.74	3.266	180.6	15.19	8.16	73.09	71.64	60.36	57.94	0	0.003	26.38	3.782	-0.006	14.58
6/30/2011 6:00	16980	4.868	163.4	12.88	8.16	1.051	128.9	14.24	2.789	71.02	68.27	63.18	62.88	0	0.002	26.36	3.779	-0.002	12.74
6/30/2011 7:00	16981	5.359	155.7	10.47	8.16	1.525	133.9	10.21	4.578	69.72	67.06	65.31	64.85	0	2.085	26.36	3.78	0	12.83
6/30/2011 8:00	16982	8.96	156	10.97	18.89	5.111	156.6	19.48	13.52	71.45	70.76	64.22	60.81	0	87.2	26.37	3.773	-0.006	15.22
6/30/2011 9:00	16983	17.5	168.4	9.46	27.84	10.62	170.9	16.59	20.68	75.85	76.72	59.91	54.54	0	275.6	26.41	3.769	-0.004	14.18
6/30/2011 10:00	16984	19.57	171	10.67	27.84	11.95	174.1	17.47	22.47	79.06	80.8	54.7	48.53	0	474.6	26.45	3.756	-0.013	14.7
6/30/2011 11:00	16985	17.25	176.1	11.73	26.05	10.92	179.2	17.92	18.89	83	85.4	47.83	41.37	0	657.8	26.47	3.746	-0.01	12.88
6/30/2011 12:00	16986	17.02	179.5	12.83	26.05	10.91	182.7	19.05	22.47	86.3	89.4	40.79	34.2	0	826	26.49	3.714	-0.032	13.83
6/30/2011 13:00	16987	17.55	169.4	13.85	27.84	11.19	173.4	19.86	24.26	89.5	92.9	32.96	26.65	0	938	26.49	3.666	-0.048	12.8
6/30/2011 14:00	16988	18.02	165.7	17.4	31.42	11.67	169.4	23.21	26.05	91.9	95.6	27.63	21.52	0	992	26.49	3.619	-0.047	12.71
6/30/2011 15:00	16989	17.27	171.7	16.25	31.42	11.17	175.4	22.23	24.26	93.4	97	25.41	19.41	0	986	26.48	3.577	-0.041	12.8
6/30/2011 16:00	16990	17.76	156.7	16.74	29.63	11.26	160.5	22.56	22.47	94.8	98.3	21.47	15.88	0	931	26.45	3.524	-0.054	12.72
6/30/2011 17:00	16991	17.21	166.8	17.94	33.21	10.84	170.2	24.01	24.26	95.3	98.3	20.31	14.94	0	812	26.44	3.479	-0.044	13.02
6/30/2011 18:00	16992	17.93	156	16.67	29.63	11.18	159.3	21.97	24.26	95.1	97.8	19.2	14.06	0	648.2	26.42	3.432	-0.048	14.33
6/30/2011 19:00	16993	17.4	163.2	13.79	29.63	10.76	166.6	19.27	22.47	94.6	96.4	18.59	13.88	0	456.9	26.41	3.388	-0.044	15.08
6/30/2011 20:00	16994	17.39	173.4	13.55	29.63	10.56	177.6	19.54	22.47	92.9	93.8	21.36	17.03	0	255.6	26.4	3.346	-0.041	15
6/30/2011 21:00	16995	16.27	169.2	9.71	26.05	9.59	172.5	16.84	20.68	90	90.1	24.51	20.49	0	70.12	26.4	3.318	-0.028	12.79

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/30/2011 22:00	16996	13.82	168.2	8.52	20.68	8.07	171.7	16.22	17.1	86.2	85.7	30.01	26.23	0	0.648	26.39	3.3	-0.019	12.79
6/30/2011 23:00	16997	12.08	164.3	8.38	18.89	6.956	166.4	16.07	15.31	83.5	82.9	35.98	32.26	0	0.027	26.39	3.287	-0.013	12.84
7/1/2011 1:00	16998	13.71	171.1	10.84	27.84	8	172.7	16.79	22.47	80.1	79.61	45.86	41.98	0	0.024	26.4	3.265	-0.022	12.83
7/1/2011 2:00	16999	12.42	172.8	10.36	20.68	7.298	175.3	16.5	15.31	75.91	75.46	56.54	52.65	0	0.015	26.4	3.258	-0.006	13.1
7/1/2011 3:00	17000	14.81	167.3	8.57	24.26	8.76	170	15.8	17.1	74.22	73.84	56.89	52.92	0	0.011	26.38	3.249	-0.009	12.94
7/1/2011 4:00	17001	14.08	169.3	8.95	22.47	8.46	173	16.24	17.1	72.34	71.96	59.6	55.56	0	0.007	26.37	3.237	-0.012	12.85
7/1/2011 5:00	17002	13.18	163.3	8.31	20.68	7.819	166	15.93	17.1	71.36	70.9	60.01	56.08	0	0.008	26.36	3.227	-0.009	14.93
7/1/2011 6:00	17003	9.89	160.5	10.66	17.1	5.671	158.9	15.53	11.74	70.23	69.59	61.13	57.48	0	0.006	26.35	3.221	-0.006	12.82
7/1/2011 7:00	17004	6.4	147.8	9.2	11.74	2.924	143.7	16.73	8.16	68.33	67.08	64.63	61.86	0	2.206	26.36	3.218	-0.003	12.9
7/1/2011 8:00	17005	4.873	142.2	10.53	11.74	2.153	137.9	15.92	8.16	68.9	68.65	65.06	60.91	0	91.7	26.36	8.63	5.409	12.81
7/1/2011 9:00	17006	12.43	155	11.17	20.68	7.643	157.6	17.77	15.31	72.84	74.11	61.62	55.64	0	277.7	26.39	8.62	-0.003	12.83
7/1/2011 10:00	17007	15.95	166.1	11.05	24.26	9.99	168.4	17.85	20.68	76.61	78.59	56.64	49.96	0	473.8	26.42	8.62	0	12.85
7/1/2011 11:00	17008	14.85	167.7	14.18	24.26	9.47	170.4	20.01	18.89	80.1	82.8	51	43.93	0	653.5	26.44	8.61	-0.01	14.76
7/1/2011 12:00	17009	14.28	165.5	15.73	26.05	9.25	169	21.17	18.89	83.9	87.1	44.76	37.74	0	822	26.46	8.6	-0.017	14.78
7/1/2011 13:00	17010	14.53	165	17.05	31.42	9.43	168.1	22.73	26.05	86.7	90.4	40.24	33.16	0	937	26.47	8.57	-0.026	12.79
7/1/2011 14:00	17011	13.47	153.5	20.72	24.26	8.9	155.7	27.08	18.89	89.2	93.2	36.84	29.87	0	990	26.47	8.54	-0.029	13.66
7/1/2011 15:00	17012	14.39	163	18.04	26.05	9.49	167.2	23.7	18.89	91.2	95.2	33.82	27.03	0	993	26.46	8.51	-0.028	13.35
7/1/2011 16:00	17013	12.9	153.3	24.09	20.68	8.62	155.7	29.32	17.1	92.9	96.7	30.18	23.85	0	941	26.45	8.49	-0.029	12.74
7/1/2011 17:00	17014	13.45	161.5	23.18	27.84	8.88	164.8	28.32	22.47	94	97.5	28.58	22.51	0	789	26.44	8.45	-0.035	12.93
7/1/2011 18:00	17015	14.57	155.9	18.84	26.05	9.4	158.8	25.23	18.89	93	95.5	30.4	24.75	0	556.5	26.43	8.41	-0.045	12.96
7/1/2011 19:00	17016	14.34	151.2	17.74	24.26	8.93	154.2	23.31	17.1	92.4	94.6	31.54	26.08	0	434.1	26.42	8.37	-0.041	12.81
7/1/2011 20:00	17017	14.11	162.7	11.56	24.26	8.7	166.7	18.03	18.89	90.9	91.9	33.06	28.35	0	237.4	26.42	8.32	-0.041	12.76
7/1/2011 21:00	17018	16.32	153.6	9.64	26.05	9.77	156.9	16.49	20.68	88.2	88.5	36.59	32.34	0	58.56	26.42	8.3	-0.028	12.82
7/1/2011 22:00	17019	14.68	157.6	9.25	24.26	8.77	160.8	16.5	17.1	85.2	84.9	39.7	35.8	0	0.553	26.42	8.27	-0.027	12.75
7/1/2011 23:00	17020	14.61	161.4	9.29	26.05	8.8	163.7	16.22	18.89	83.2	82.8	42.96	39.06	0	0.033	26.43	8.24	-0.025	14.86
7/2/2011 0:00	17021	14.87	162	8.92	22.47	8.95	164.6	16.39	17.1	81.2	80.9	48.27	44.29	0	0.028	26.45	8.23	-0.016	15.05
7/2/2011 1:00	17022	13.98	165.4	8.64	27.84	8.32	167.9	16.33	17.1	79.47	79.11	51.22	47.3	0	0.024	26.45	8.21	-0.019	15.06
7/2/2011 2:00	17023	11.37	162.7	8.52	18.89	6.768	165.3	15.61	13.52	77.53	77.02	54.41	50.63	0	0.022	26.45	8.2	-0.01	12.77
7/2/2011 3:00	17024	9.97	160.7	8.41	17.1	5.953	162.5	15.57	11.74	75.86	75.28	58.12	54.42	0	0.018	26.43	8.19	-0.01	13.31
7/2/2011 4:00	17025	9.33	148	10	17.1	5.401	148.6	17.67	11.74	74.5	73.82	61.02	57.44	0	0.014	26.43	8.18	-0.006	12.92
7/2/2011 5:00	17026	7.99	137.6	8.43	13.52	4.397	136.4	17.58	8.16	72.44	71.5	64.87	61.68	0	0.003	26.42	8.18	-0.006	13.01
7/2/2011 6:00	17027	9.1	137.4	8.17	15.31	5.24	137.9	17.83	11.74	71.55	70.76	67.47	63.98	0	0.005	26.42	8.17	-0.005	15.06
7/2/2011 7:00	17028	9.84	136.2	7.654	13.52	5.663	137.2	17.74	11.74	70.79	70.16	71.29	67.42	0	2.087	26.43	8.17	-0.003	15.33
7/2/2011 8:00	17029	11.35	140.9	8.83	22.47	6.832	143.4	17.56	15.31	71.65	71.66	71.42	66.73	0	81.2	26.45	8.16	-0.007	12.93
7/2/2011 9:00	17030	16.25	158.7	11.87	26.05	9.78	161.3	18.63	20.68	74.88	76.02	63.25	57.44	0	289.8	26.49	8.16	-0.008	14.39
7/2/2011 10:00	17031	16.49	163.8	11.04	26.05	10.16	166.6	17.15	18.89	78.54	80.4	53.36	47.13	0	465.7	26.53	8.15	-0.006	14.7
7/2/2011 11:00	17032	16.7	161.3	12.64	26.05	10.52	164.8	19.24	18.89	82.3	85	46.46	39.81	0	672.1	26.55	8.14	-0.014	12.84
7/2/2011 12:00	17033	15.74	162.1	15.87	26.05	10.12	164.7	21.94	17.1	85	88	41.29	34.68	0	793.8	26.56	8.11	-0.022	13.92
7/2/2011 13:00	17034	14.91	160.7	16.39	27.84	9.68	163.9	22.33	20.68	87.4	91	37.12	30.39	0	939	26.58	8.09	-0.02	12.95
7/2/2011 14:00	17035	14.64	157.8	19.02	26.05	9.6	161.6	25.2	22.47	89	92.9	34.88	28.09	0	948	26.57	8.06	-0.032	14.64
7/2/2011 15:00	17036	14.83	149.3	21.59	33.21	9.62	152.2	28.43	24.26	90.8	94.7	32.36	25.77	0	937	26.56	8.01	-0.047	13.06
7/2/2011 16:00	17037	14.98	161.8	19.94	26.05	9.74	165.7	25.41	18.89	92.1	95.9	31.1	24.61	0	937	26.55	7.979	-0.035	15.2
7/2/2011 17:00	17038	14.97	154.7	21.24	26.05	9.81	159.1	27.29	20.68	92	95	30.42	24.51	0	681.4	26.53	7.938	-0.041	12.89
7/2/2011 18:00	17039	14.76	147.9	20.25	27.84	9.5	151.2	26.62	20.68	92.1	94.9	31	25.2	0	595.8	26.51	7.909	-0.029	12.88
7/2/2011 19:00	17040	13.05	157.6	16.94	22.47	8.31	161.8	22.95	18.89	91.6	93.5	30.31	25.11	0	385.4	26.48	7.877	-0.032	13.12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/2/2011 20:00	17041	12.35	143.7	18.12	20.68	7.742	148	23.87	15.31	91	92	30.4	25.91	0	234.2	26.48	7.85	-0.028	12.81
7/2/2011 21:00	17042	12.36	144.2	11.05	20.68	7.589	148.1	18.68	15.31	88.8	89	31.98	27.92	0	55.54	26.47	7.815	-0.034	15.2
7/2/2011 22:00	17043	10.52	153.1	9.86	18.89	6.119	156.3	16.65	13.52	85.7	85.1	35.04	31.43	0	0.699	26.47	7.794	-0.021	12.81
7/2/2011 23:00	17044	8.57	161	7.035	15.31	4.822	162	14.41	9.95	82.9	82.1	38.94	35.53	0	0.022	26.47	7.766	-0.028	14.27
7/3/2011 0:00	17045	9.09	168.3	8.02	15.31	5.095	170.7	15.33	9.95	81.1	80.2	43.19	39.75	0	0.016	26.48	7.753	-0.013	12.74
7/3/2011 1:00	17046	8.68	167.2	8.32	15.31	4.954	168.9	16	11.74	80.5	79.92	44.57	40.91	0	0.021	26.48	7.74	-0.013	12.91
7/3/2011 2:00	17047	8.14	164	7.857	13.52	4.491	164.7	14.81	8.16	78.46	77.51	47.31	44.06	0	0.013	26.47	7.731	-0.01	12.81
7/3/2011 3:00	17048	8.29	162.6	8.43	11.74	4.553	162.8	15.31	9.95	76.81	75.84	51.68	48.42	0	0.012	26.46	7.724	-0.006	12.73
7/3/2011 4:00	17049	6.7	163	9.35	9.95	3.096	161.9	16.54	6.368	74.58	73.07	56.69	54.21	0	0.007	26.45	7.719	-0.006	12.81
7/3/2011 5:00	17050	6.736	159.7	8.91	9.95	2.975	155.1	16.69	6.368	72.88	71.09	60.76	58.68	0	0.004	26.44	7.713	-0.006	13.78
7/3/2011 6:00	17051	7.69	160.7	11.68	11.74	4.134	161.3	18.36	8.16	72.85	71.75	62.49	59.54	0	0.003	26.43	7.71	-0.003	12.95
7/3/2011 7:00	17052	6.311	147.5	8.48	9.95	2.817	141.7	16.29	6.368	71.5	70.03	65.42	63.05	0	1.811	26.43	7.708	-0.003	12.84
7/3/2011 8:00	17053	6.763	164.7	15.66	13.52	3.692	165.7	23.58	9.95	72.32	71.88	65.46	61.61	0	81.1	26.43	7.701	-0.007	14.62
7/3/2011 9:00	17054	10.74	180.3	9.7	17.1	6.912	183.8	17.03	11.74	77.4	78.5	58.32	52.82	0	258.8	26.46	7.696	-0.005	13.84
7/3/2011 10:00	17055	10.58	185.5	12.89	17.1	7.128	189.3	18.64	11.74	81.5	83.4	51.31	45.18	0	444.3	26.5	7.686	-0.01	12.86
7/3/2011 11:00	17056	11.65	191.6	16.21	20.68	8.15	194.7	20.84	15.31	84.8	87.2	43.34	37.15	0	627.1	26.52	7.679	-0.007	12.86
7/3/2011 12:00	17057	10.9	183.2	19.42	18.89	7.61	188	24.36	17.1	88.2	91.1	36.51	30.43	0	787.1	26.53	7.646	-0.032	12.81
7/3/2011 13:00	17058	10.19	187.2	26.26	20.68	7.243	191.2	30.08	15.31	90.4	93.3	33.74	27.7	0	788.6	26.54	7.624	-0.022	12.99
7/3/2011 14:00	17059	10.62	172.5	24.55	20.68	7.305	178.2	29.95	17.1	91.7	94.9	31.52	25.49	0	913	26.52	7.602	-0.022	12.75
7/3/2011 15:00	17060	10.01	157.4	28.34	20.68	6.824	160.4	34.52	17.1	92.4	95.4	29.98	24.25	0	628.4	26.51	7.573	-0.028	12.8
7/3/2011 16:00	17061	10.26	178.3	30.66	24.26	7.11	183.6	35.89	18.89	93.3	95.9	28.23	22.66	0	701.7	26.49	7.548	-0.025	14.48
7/3/2011 17:00	17062	9.26	173	41.79	20.68	6.585	175.3	49.24	17.1	94.6	97	26.25	20.99	0	737.5	26.46	7.516	-0.032	12.76
7/3/2011 18:00	17063	9.77	153.9	24.2	18.89	6.487	158.4	30.67	15.31	93.4	95.5	26.68	21.65	0	407.7	26.44	7.488	-0.028	12.8
7/3/2011 19:00	17064	13.22	160.7	30.78	33.21	8.67	165.1	35.37	24.26	92.7	94.5	27.15	22.19	0	410.9	26.41	7.463	-0.025	13.06
7/3/2011 20:00	17065	20.78	136.8	11.09	31.42	12.77	140.6	19.71	24.26	88.7	89.5	32.26	27.67	0	215.3	26.4	7.4	-0.063	13.9
7/3/2011 21:00	17066	15.26	142	9.09	26.05	9.32	145.7	18.1	22.47	88.3	88.4	30.32	26.3	0	67.57	26.4	7.368	-0.032	15.23
7/3/2011 22:00	17067	8.11	129.3	7.62	15.31	4.32	127.4	16.76	9.95	85	83.9	33.2	30.08	0	0.6	26.4	7.35	-0.018	13.07
7/3/2011 23:00	17068	7.09	128.9	5.009	9.95	3.192	119.2	12.72	4.578	81.2	78.8	37.13	35.4	0	0.014	26.39	7.341	-0.009	12.81
7/4/2011 0:00	17069	7.115	136.9	8.11	9.95	2.938	124.9	13.79	4.578	79.56	76.65	39.13	37.98	0	0.012	26.38	7.335	-0.006	13.57
7/4/2011 1:00	17070	8.06	158.7	7.916	11.74	3.748	155.2	16.86	8.16	78.15	75.92	40.03	38.19	0	0.011	26.38	7.322	-0.012	12.79
7/4/2011 2:00	17071	7.598	172	7.982	11.74	3.765	172.3	15.64	6.368	76.78	75.28	38.49	35.92	0	0.01	26.38	7.312	-0.01	13.26
7/4/2011 3:00	17072	5.973	185	26.15	9.95	2.581	183.9	32.47	6.368	74.08	72.46	41.26	38.71	0	0.005	26.38	7.304	-0.009	12.91
7/4/2011 4:00	17073	4.559	287.8	56.93	11.74	2.586	333.2	47.3	9.95	74.55	72.66	41.63	39.29	0	0.002	26.38	7.295	-0.009	12.86
7/4/2011 5:00	17074	4.969	251	89.9	11.74	2.854	350.7	71.23	9.95	74.75	72.46	42.54	40.45	0	0.004	26.38	7.291	-0.003	12.9
7/4/2011 6:00	17075	4.907	313.9	17.98	9.95	3.255	321.4	23.96	8.16	75.39	73.68	45.66	42.95	0	0.004	26.38	7.285	-0.006	12.86
7/4/2011 7:00	17076	4.629	180.5	40.94	9.95	2.31	141.1	19.98	4.578	74.74	69.57	48.21	49.39	0	1.336	26.38	7.27	-0.016	12.97
7/4/2011 8:00	17077	5.905	170.1	11.3	8.16	2.68	148.9	14.85	6.368	75.12	71.61	49.5	49.22	0	75.26	26.38	7.266	-0.003	12.94
7/4/2011 9:00	17078	8.09	176.8	13.44	13.52	5.321	181	19.27	11.74	78.66	79.69	47.28	42.24	0	257.8	26.42	7.262	-0.005	12.92
7/4/2011 10:00	17079	10.88	196.3	12.59	18.89	7.491	200.1	17.51	13.52	81.3	83.2	44.71	38.77	0	458	26.46	7.255	-0.007	12.91
7/4/2011 11:00	17080	7.424	187.3	24.1	13.52	5.473	190.1	28.75	11.74	85.1	87.5	38.18	32.36	0	639.3	26.48	7.238	-0.016	13.01
7/4/2011 12:00	17081	7.971	159.1	34.05	20.68	5.624	163.4	38.67	17.1	88.6	91.5	32.7	26.99	0	804	26.5	7.228	-0.01	13.02
7/4/2011 13:00	17082	11.02	156.6	23.69	22.47	7.647	160.4	30.45	15.31	89.9	93.2	29.1	23.19	0	911	26.5	7.203	-0.025	12.72
7/4/2011 14:00	17083	11.2	147.5	23.94	26.05	7.72	152.1	30.93	18.89	91.9	95.6	26.23	20.41	0	992	26.49	7.171	-0.032	12.78
7/4/2011 15:00	17084	11.46	135.9	29.68	20.68	7.973	138	37.24	17.1	93.5	97.5	23.99	18.13	0	961	26.47	7.123	-0.048	13.67
7/4/2011 16:00	17085	11.76	137.6	24.11	27.84	8.02	139.8	32.2	20.68	94.8	98.5	20.47	15	0	939	26.46	7.085	-0.038	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/4/2011 17:00	17086	12.02	133.8	27.68	24.26	8.19	137.6	32.95	18.89	95.6	98.9	17.95	12.74	0	827	26.44	7.044	-0.041	15.13
7/4/2011 18:00	17087	11.31	142.7	32.64	29.63	7.631	145.8	37.78	22.47	95.8	98.5	17.34	12.31	0	637.3	26.43	7.006	-0.038	12.71
7/4/2011 19:00	17088	8.6	154.9	34.76	18.89	5.957	158.8	40.36	15.31	95.5	97.3	18.57	13.89	0	462.7	26.41	6.962	-0.044	13.71
7/4/2011 20:00	17089	9.25	152.6	35.23	18.89	6.197	155.8	40.52	13.52	94.7	95.6	20.28	16.04	0	267.5	26.41	6.924	-0.038	12.75
7/4/2011 21:00	17090	8.57	144.2	13.17	17.1	5.134	147.4	20.49	11.74	92.6	92.9	22.26	18.27	0	78.15	26.4	6.896	-0.028	12.76
7/4/2011 22:00	17091	9.67	145.1	9.39	17.1	5.513	145.9	18.28	11.74	89	88.2	26.57	23.02	0	0.851	26.39	6.874	-0.022	12.7
7/4/2011 23:00	17092	8.13	108.3	15.51	15.31	4.956	107	23.1	11.74	86.6	85.7	30.26	26.72	0	0.024	26.4	6.859	-0.015	12.79
7/5/2011 0:00	17093	6.174	118.5	9.06	9.95	3.202	115.9	17.8	6.368	85.6	84.6	31.71	28.44	0	0.028	26.41	6.846	-0.013	12.77
7/5/2011 1:00	17094	6.162	130.5	23.92	17.1	3.148	135.4	31.1	11.74	82.7	80.8	35.59	32.93	0	0.025	26.41	6.837	-0.01	12.87
7/5/2011 2:00	17095	6.993	147.8	14.12	15.31	3.45	147.6	20.83	11.74	81.4	80.1	37.69	34.78	0	0.018	26.41	6.827	-0.01	12.79
7/5/2011 3:00	17096	6.078	166.9	15.83	8.16	2.16	151.3	16.17	4.578	78.6	75.51	40.94	39.93	0	0.011	26.4	6.821	-0.006	12.78
7/5/2011 4:00	17097	5.205	186.1	15.96	8.16	1.591	159.9	15.14	4.578	76.85	74.37	42.69	41.17	0	0.004	26.4	6.815	-0.006	12.85
7/5/2011 5:00	17098	6.045	190.8	6.464	9.95	2.141	188.5	11.39	4.578	75.04	72.51	44.63	43.2	0	0.004	26.39	6.809	-0.005	13.02
7/5/2011 6:00	17099	4.984	168.4	10.27	8.16	0.938	144.2	13.42	2.789	72.91	70.29	47.21	45.97	0	0.002	26.38	6.807	-0.003	12.85
7/5/2011 7:00	17100	2.667	185.8	12.71	6.368	0.47	175.3	17.4	2.789	72.06	70.02	48.29	46.29	0	1.443	26.39	6.801	-0.006	13.05
7/5/2011 8:00	17101	5.007	174.8	6.642	8.16	1.598	160.7	9.49	6.368	72.86	71.22	47.81	45.59	0	66.24	26.4	6.798	-0.004	12.92
7/5/2011 9:00	17102	6.627	186.9	13.69	11.74	4.562	190.9	19.51	9.95	78.91	79.84	42.11	37.32	0	256.1	26.43	6.786	-0.011	12.89
7/5/2011 10:00	17103	10.83	192.8	12.39	15.31	7.243	194.7	18.6	11.74	82.6	84.5	38.19	32.59	0	456.9	26.48	6.77	-0.016	12.94
7/5/2011 11:00	17104	9.58	190.4	17.29	15.31	6.748	193.8	22.54	13.52	86.3	88.8	34.02	28.22	0	640.9	26.5	6.756	-0.013	12.88
7/5/2011 12:00	17105	10.23	172.8	20.91	20.68	7.067	176.3	26.67	15.31	89.4	92.3	30.42	24.65	0	750.9	26.51	6.74	-0.017	12.65
7/5/2011 13:00	17106	12.32	137.2	22.46	20.68	8.23	139.3	31.16	17.1	90.7	94.2	27.93	22.06	0	828	26.52	6.714	-0.025	15.14
7/5/2011 14:00	17107	12.78	141.6	28.18	24.26	8.49	145.1	35.77	17.1	92.5	96.1	25.36	19.51	0	847	26.51	6.689	-0.025	12.75
7/5/2011 15:00	17108	10.71	125	26.39	24.26	7.366	126.3	34.58	22.47	94.3	97.8	24.22	18.56	0	783	26.5	6.654	-0.035	15.36
7/5/2011 16:00	17109	12.88	119.8	23.37	29.63	8.63	120.1	31.38	20.68	93.7	96	24.03	18.95	0	528.6	26.48	6.62	-0.035	14.94
7/5/2011 17:00	17110	13.01	139.2	24.08	26.05	8.62	141.2	30.98	22.47	95.5	98.6	20.62	15.31	0	786.6	26.46	6.559	-0.06	14.56
7/5/2011 18:00	17111	13.45	118.1	21.27	26.05	8.96	118.8	29.85	22.47	95.3	98.1	20.22	15.07	0	613.3	26.45	6.515	-0.044	12.69
7/5/2011 19:00	17112	12.12	127.7	20.11	22.47	7.866	129	27.6	17.1	95	96.7	20.44	15.8	0	395.1	26.44	6.474	-0.041	12.79
7/5/2011 20:00	17113	10.24	131.8	14.91	18.89	6.545	134.8	23.09	13.52	94	94.8	21.65	17.44	0	185.3	26.43	6.446	-0.028	12.97
7/5/2011 21:00	17114	9.88	131.1	12.09	17.1	5.965	133.4	20.5	13.52	91.9	91.8	23.62	19.79	0	58.02	26.43	6.411	-0.035	12.68
7/5/2011 22:00	17115	6.869	126.8	5.257	9.95	3.138	119.7	14.16	6.368	86.6	84.3	27.61	25.46	0	0.674	26.42	6.403	-0.009	14.86
7/5/2011 23:00	17116	7.798	124.4	5.785	9.95	3.503	115.2	14.77	6.368	83.7	80.8	29.53	27.81	0	0.018	26.4	6.39	-0.013	12.93
7/6/2011 0:00	17117	7.039	125	9.95	9.95	2.983	107.2	16.52	4.578	81.3	78.52	31.41	29.77	0	0.017	26.4	6.377	-0.013	12.68
7/6/2011 1:00	17118	6.901	131.5	4.781	15.31	2.703	104.4	11.31	4.578	80.3	76.29	32.41	31.94	0	0.014	26.4	6.368	-0.01	13.83
7/6/2011 2:00	17119	6.231	167	19.41	9.95	2.343	154.5	25.07	6.368	78.15	75.25	35.41	33.84	0	0.009	26.4	6.362	-0.006	15.04
7/6/2011 3:00	17120	4.589	185.6	11.75	6.368	0.49	148.3	9.27	2.789	75.37	72.73	39.43	37.48	0	0.007	26.4	6.356	-0.006	13.2
7/6/2011 4:00	17121	4.973	169.3	15.7	8.16	1.732	123.7	16.57	4.578	73.94	70.89	42.79	41.37	0	0.004	26.4	6.348	-0.008	12.85
7/6/2011 5:00	17122	6.437	165.3	9.87	9.95	2.233	157.6	15.77	4.578	72.32	69.52	45.62	44.31	0	0.002	26.4	6.345	-0.003	12.91
7/6/2011 6:00	17123	5.273	173.5	6.398	8.16	1.147	162.4	9.35	4.578	71.35	68.74	48.01	46.75	0	0.002	26.4	6.338	-0.006	12.76
7/6/2011 7:00	17124	5.166	166.2	8.04	8.16	1.545	143.4	13.1	4.578	71.34	68.53	49.21	48.21	0	1.559	26.41	6.332	-0.006	12.8
7/6/2011 8:00	17125	4.518	161.5	11.4	8.16	1.33	144.9	17.32	4.578	72.85	71.45	48.21	45.83	0	80.4	26.42	6.328	-0.004	12.91
7/6/2011 9:00	17126	8.99	178.6	9.94	15.31	5.782	180.5	17.43	11.74	78.31	79.26	42.6	37.76	0	263.7	26.46	6.32	-0.008	12.86
7/6/2011 10:00	17127	9.36	191.4	13.25	13.52	6.56	194.1	18.15	11.74	83.2	85.1	37.42	31.99	0	464.4	26.5	6.31	-0.01	12.85
7/6/2011 11:00	17128	9.11	192.8	18	15.31	6.567	195.5	22.78	11.74	88	90.2	30.12	24.76	0	650.3	26.53	6.3	-0.01	14.71
7/6/2011 12:00	17129	8.51	179.2	29.33	18.89	6.136	183.6	35.5	13.52	91.8	94.5	26.16	20.76	0	823	26.54	6.287	-0.013	12.93
7/6/2011 13:00	17130	10.5	158.6	33.18	24.26	7.209	163.8	39.23	20.68	93.7	97.2	22.53	16.98	0	942	26.54	6.258	-0.029	13.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/6/2011 14:00	17131	13.55	148.3	29.09	26.05	9.06	151.3	35.23	22.47	94.8	98.8	21.3	15.47	0	1006	26.54	6.223	-0.035	12.78
7/6/2011 15:00	17132	12.17	148.6	27.54	26.05	8.15	151.2	32.41	20.68	94.7	97.9	21.31	15.88	0	711.5	26.52	6.17	-0.054	12.73
7/6/2011 16:00	17133	12.17	124.2	20.26	27.84	7.939	125.3	27.82	20.68	94.2	96.4	21.67	16.76	0	389.1	26.5	6.135	-0.035	12.74
7/6/2011 17:00	17134	11.9	122.3	25.27	22.47	8	122.5	31.96	18.89	94.9	97	21.01	16.12	0	547.8	26.47	6.11	-0.025	13.62
7/6/2011 18:00	17135	13.19	141.3	18.34	27.84	8.4	144.1	25.72	20.68	95.7	98.2	20.31	15.31	0	506.8	26.46	6.075	-0.035	15.05
7/6/2011 19:00	17136	12.44	134.5	16.65	22.47	7.889	137.2	24.48	17.1	94.5	96	21.13	16.5	0	341.3	26.45	6.04	-0.035	12.75
7/6/2011 20:00	17137	11.37	130.1	13.83	22.47	7.02	132.3	22.19	15.31	93.7	94.4	20.76	16.58	0	172.9	26.44	6.015	-0.025	12.73
7/6/2011 21:00	17138	9.97	132.8	11.27	17.1	5.853	134.8	20.15	13.52	91.5	91	21.44	17.78	0	42.94	26.42	5.965	-0.05	15.04
7/6/2011 22:00	17139	8.03	119.6	6.894	11.74	4.018	116.4	16.84	6.368	86.8	85.1	24.74	21.89	0	0.726	26.42	5.946	-0.018	15.26
7/6/2011 23:00	17140	7.99	122.6	6.289	11.74	3.944	119.7	15.51	8.16	83.3	81.3	27.61	25.07	0	0.018	26.41	5.934	-0.013	12.83
7/7/2011 0:00	17141	7.65	125	5.047	9.95	3.505	115	13.97	6.368	80.8	78.03	29.87	28.01	0	0.009	26.41	5.921	-0.013	12.94
7/7/2011 1:00	17142	8.14	123.6	5.859	13.52	3.867	117.5	15.11	6.368	79	76.47	32.27	30.2	0	0.007	26.4	5.911	-0.01	12.88
7/7/2011 2:00	17143	8.91	135.8	14.3	15.31	4.585	133.1	22.91	9.95	78.5	76.75	34.71	31.87	0	0.006	26.39	5.899	-0.013	12.8
7/7/2011 3:00	17144	6.468	159.9	5.973	9.95	2.489	151.4	13.71	6.368	76.85	74.56	38.89	36.76	0	0.004	26.39	5.896	-0.003	13.98
7/7/2011 4:00	17145	6.636	162.8	5.753	9.95	2.302	152.4	14.08	4.578	74.87	71.77	42.81	41.67	0	0.003	26.38	5.89	-0.005	12.77
7/7/2011 5:00	17146	5.583	168.6	6.368	8.16	1.504	162.6	9.31	4.578	73.05	70.57	46.28	44.68	0	0.002	26.38	5.885	-0.006	12.89
7/7/2011 6:00	17147	3.974	176.4	13.03	6.368	0.242	142.2	5.752	2.789	72.04	69.63	48.25	46.75	0	0.001	26.38	5.879	-0.006	12.82
7/7/2011 7:00	17148	2.4	188.4	20.64	4.578	0.108	102.6	1.805	2.789	71.07	68.88	49.83	47.92	0	1.487	26.38	5.875	-0.003	12.96
7/7/2011 8:00	17149	3.683	174.6	11.09	6.368	1.188	163.4	18.58	4.578	72.32	71.35	48.88	45.75	0	81.5	26.38	5.869	-0.007	13.09
7/7/2011 9:00	17150	8.94	190.5	10.5	17.1	5.902	194.1	16.92	11.74	78.26	79.16	42.73	37.85	0	262.9	26.42	5.861	-0.008	12.98
7/7/2011 10:00	17151	11.15	202.5	11.82	17.1	7.803	205.6	16.53	13.52	83.5	85.2	36.9	31.54	0	459.2	26.46	5.851	-0.01	12.82
7/7/2011 11:00	17152	10.66	204.9	15.09	15.31	7.736	207.5	18.53	13.52	87.9	90.1	31.68	26.16	0	642.8	26.48	5.84	-0.01	14.48
7/7/2011 12:00	17153	8.5	195.1	33.78	24.26	6.374	199.9	36.53	17.1	91.6	93.9	29.07	23.59	0	815	26.49	5.821	-0.019	13.08
7/7/2011 13:00	17154	8.66	184	47.42	20.68	6.412	189.3	53.53	15.31	94.1	96.8	25.25	19.73	0	935	26.49	5.799	-0.023	12.71
7/7/2011 14:00	17155	7.037	153.4	58.72	18.89	5.381	160.3	62.77	13.52	97.1	99.7	21.26	16.2	0	993	26.49	5.77	-0.028	12.8
7/7/2011 15:00	17156	7.405	126.2	57.07	17.1	5.416	132	63.02	13.52	98.7	102.1	18.81	13.5	0	999	26.47	5.738	-0.032	12.68
7/7/2011 16:00	17157	9.83	165.6	40.33	20.68	7.019	171.8	46.1	17.1	98.4	101.7	18.76	13.31	0	938	26.45	5.697	-0.041	14.49
7/7/2011 17:00	17158	9.42	151.9	46.25	22.47	6.792	153.9	50.44	20.68	99.6	102.4	17.4	12.26	0	801	26.43	5.66	-0.038	12.7
7/7/2011 18:00	17159	8.81	153.3	38.76	18.89	6.174	154.1	46.59	15.31	99.6	102.2	16.94	11.92	0	679.9	26.41	5.622	-0.038	12.65
7/7/2011 19:00	17160	8.76	146.2	31.03	18.89	5.972	151.5	38.45	13.52	99.1	101.2	16.89	12.1	0	473.7	26.39	5.58	-0.041	12.77
7/7/2011 20:00	17161	10.43	146.8	19.45	26.05	6.65	150.2	25.21	20.68	97.4	98.3	18.17	13.91	0	244.6	26.38	5.546	-0.035	12.68
7/7/2011 21:00	17162	10.55	149.2	10.25	17.1	6.403	152.9	17.41	15.31	94.7	94.8	20	16.06	0	63.83	26.37	5.511	-0.035	12.69
7/7/2011 22:00	17163	7.249	133.7	6.466	9.95	3.325	125.3	15.01	6.368	89.2	87.1	24.27	21.69	0	0.758	26.36	5.493	-0.018	12.7
7/7/2011 23:00	17164	7.032	139.1	5.13	9.95	2.809	118.7	12.01	4.578	86.1	82.4	26.88	25.69	0	0.015	26.35	5.48	-0.012	12.71
7/8/2011 0:00	17165	6.478	139.4	4.5	8.16	2.367	113.2	8.44	4.578	83.6	79.53	29.17	28.33	0	0.01	26.34	5.471	-0.01	12.92
7/8/2011 1:00	17166	7.608	145.4	8.7	11.74	3.448	140.8	19.01	6.368	81.6	78.76	30.98	29.16	0	0.012	26.34	5.461	-0.01	13.27
7/8/2011 2:00	17167	8.39	154.5	8.31	11.74	3.862	148.2	15.33	8.16	80.7	78.25	32.08	30.02	0	0.018	26.34	5.452	-0.01	13.46
7/8/2011 3:00	17168	8.04	170.8	7.541	11.74	4.071	172.5	15.88	6.368	78.27	76.75	36.78	33.72	0	0.013	26.34	5.439	-0.013	12.9
7/8/2011 4:00	17169	6.49	174.4	8.09	9.95	2.492	175.1	13.08	6.368	75.34	73.69	41.59	38.82	0	0.01	26.33	5.43	-0.009	13.31
7/8/2011 5:00	17170	5.071	190.5	10.64	8.16	1.504	193.6	9.9	4.578	72.79	70.72	45.44	43.09	0	0.003	26.31	5.425	-0.005	13.88
7/8/2011 6:00	17171	5.548	181.3	12.33	8.16	2.166	146.7	22.14	4.578	72.63	69.76	47.28	45.75	0	0.002	26.31	5.419	-0.006	12.85
7/8/2011 7:00	17172	5.991	169.5	5.703	8.16	1.973	146.2	9.53	4.578	71.95	68.61	49.4	48.83	0	1.137	26.3	5.412	-0.006	12.95
7/8/2011 8:00	17173	6.068	168.1	8.92	8.16	2.87	160.4	17.97	6.368	73.57	71.91	48.83	46.6	0	75.72	26.3	5.409	-0.004	12.94
7/8/2011 9:00	17174	7.324	199.3	11.19	13.52	5.124	203.9	15.74	11.74	79.85	80.7	42.29	37.44	0	259.6	26.35	5.398	-0.011	13.06
7/8/2011 10:00	17175	8.26	204	13.6	13.52	5.996	207.3	17.74	9.95	84.9	86.6	37	31.6	0	456.2	26.39	5.391	-0.007	15.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/8/2011 11:00	17176	7.557	206.8	18.38	13.52	5.739	209.9	22.37	11.74	89.6	91.6	32.05	26.6	0	642.1	26.41	5.384	-0.007	12.84
7/8/2011 12:00	17177	7.505	178.7	35.2	17.1	5.476	181.7	42.24	15.31	93.8	96.5	25.97	20.62	0	819	26.43	5.365	-0.02	12.92
7/8/2011 13:00	17178	9.61	149.5	35.79	22.47	6.819	152.1	43.3	17.1	96.4	99.6	19.89	14.69	0	941	26.43	5.342	-0.022	12.72
7/8/2011 14:00	17179	10.64	153	29.11	24.26	7.316	157.3	34.97	15.31	97.9	101.7	17.43	11.97	0	992	26.42	5.298	-0.044	12.63
7/8/2011 15:00	17180	11.32	144.3	30.3	20.68	7.786	148.7	37.87	15.31	99.3	103.1	17.24	11.76	0	986	26.41	5.257	-0.041	13.04
7/8/2011 16:00	17181	13.13	152.1	29.28	27.84	8.77	156.6	34.98	20.68	99.9	103.7	16.9	11.34	0	914	26.39	5.216	-0.041	15.11
7/8/2011 17:00	17182	11.95	142	23.46	24.26	7.858	144.9	31.02	17.1	99.7	103	17.52	12.22	0	750.3	26.38	5.175	-0.041	15.16
7/8/2011 18:00	17183	12.23	146.6	25.54	26.05	8.14	149.1	31.16	18.89	99.7	102.4	17.39	12.29	0	619.7	26.36	5.14	-0.035	12.71
7/8/2011 19:00	17184	13.42	164.1	21.52	22.47	8.57	167.9	27.2	17.1	98.8	100.9	18.63	13.73	0	430.7	26.35	5.096	-0.044	12.69
7/8/2011 20:00	17185	12.2	161.1	16.64	22.47	7.668	165.2	21.93	15.31	97.5	98.4	20.72	16.32	0	231.6	26.34	5.058	-0.038	12.71
7/8/2011 21:00	17186	11.84	152.8	10.27	20.68	7.117	156.7	17.37	13.52	95	95	22.91	18.92	0	52.33	26.34	5.023	-0.035	14.89
7/8/2011 22:00	17187	8.81	151.5	7.463	15.31	4.667	152.7	15.56	11.74	91	89.9	26.87	23.51	0	0.683	26.33	4.995	-0.028	12.69
7/8/2011 23:00	17188	7.818	155	7.72	11.74	3.883	153.6	14.85	6.368	87.7	86.1	30.22	27.31	0	0.024	26.32	4.983	-0.012	12.68
7/9/2011 0:00	17189	6.03	171.6	6.468	9.95	1.842	162.9	10.53	4.578	84.2	81.4	34.16	32.36	0	0.015	26.33	4.973	-0.01	12.9
7/9/2011 1:00	17190	6.678	174.7	7.69	13.52	2.683	166.1	12.57	6.368	81.4	78.6	37.88	36.2	0	0.01	26.32	4.964	-0.01	12.73
7/9/2011 2:00	17191	6.691	175.5	8.73	9.95	2.846	174.2	12.84	6.368	79.48	77.61	40.86	38.36	0	0.008	26.31	4.954	-0.01	12.73
7/9/2011 3:00	17192	6.451	182.8	6.429	9.95	2.615	172.6	12.81	6.368	77.83	75.26	43.67	41.86	0	0.004	26.31	4.951	-0.003	12.75
7/9/2011 4:00	17193	7.775	188.3	8.92	13.52	4.099	188.5	14.02	9.95	78.26	77.03	44.12	41.09	0	0.009	26.3	4.942	-0.009	14.43
7/9/2011 5:00	17194	4.819	232.2	29.13	8.16	1.981	244.8	33.26	4.578	76.57	74.35	45.69	43.96	0	0.004	26.3	4.938	-0.003	12.82
7/9/2011 6:00	17195	4.549	259.6	9.67	6.368	1.724	291	12.1	4.578	75.84	72.62	46.25	45.76	0	0.001	26.3	4.936	-0.002	15.12
7/9/2011 7:00	17196	3.227	251	26.58	6.368	0.859	316	6.597	4.578	75.31	71.59	46.39	46.79	0	1.152	26.3	4.93	-0.006	12.96
7/9/2011 8:00	17197	3.508	242.2	20.62	4.578	0.266	272.5	6.991	2.789	75.1	72.51	46.94	45.77	0	73.31	26.3	4.923	-0.007	15.1
7/9/2011 9:00	17198	4.655	231.3	14.73	8.16	3.604	233.3	16.07	8.16	78.98	79.3	42.82	38.27	0	251.4	26.33	4.919	-0.004	12.95
7/9/2011 10:00	17199	10.06	204.5	14.65	17.1	7.122	207.5	17.81	13.52	83	84.7	36.7	31.23	0	450.2	26.38	4.906	-0.013	13.97
7/9/2011 11:00	17200	10.14	204.2	15.7	18.89	7.291	207.6	19.8	15.31	86.6	88.9	33.34	27.58	0	634.5	26.4	4.893	-0.013	13.12
7/9/2011 12:00	17201	9.3	184.8	27.66	18.89	6.767	188.6	30.98	15.31	90.4	93	30.1	24.43	0	804	26.42	4.88	-0.013	13.88
7/9/2011 13:00	17202	11.1	175.8	21.22	22.47	7.673	181.1	26.68	17.1	93.1	96.4	27.52	21.58	0	919	26.43	4.851	-0.029	15.17
7/9/2011 14:00	17203	11.87	170.7	27.32	26.05	8.12	174.6	34.35	20.68	95.4	99	25.13	19.13	0	974	26.43	4.823	-0.029	15.35
7/9/2011 15:00	17204	13.56	161.7	23.14	26.05	9	165.6	27.44	22.47	97.1	101	22.89	16.95	0	977	26.42	4.781	-0.041	12.78
7/9/2011 16:00	17205	13.75	161.2	24.06	29.63	9.07	165	29.81	22.47	97.6	101.3	22.58	16.7	0	913	26.41	4.731	-0.05	12.89
7/9/2011 17:00	17206	14.16	159.5	21.27	31.42	9.16	163	27.07	20.68	98.3	101.6	21.9	16.23	0	791.3	26.39	4.674	-0.057	12.8
7/9/2011 18:00	17207	14.5	142	21.32	27.84	9.24	145.5	27.7	20.68	98.5	101.4	20.15	14.86	0	630.2	26.38	4.627	-0.047	12.79
7/9/2011 19:00	17208	14.48	143	17.75	26.05	9.16	146.5	24.24	18.89	97.7	99.7	21.72	16.74	0	436.6	26.36	4.595	-0.032	12.8
7/9/2011 20:00	17209	16.3	143.5	11.05	27.84	10.03	147.6	19.18	20.68	96.1	97	23.36	18.94	0	239.1	26.35	4.554	-0.041	15.32
7/9/2011 21:00	17210	13.95	147.1	11.3	26.05	8.39	150.6	18.08	17.1	94	94.1	24.79	20.75	0	62.02	26.35	4.525	-0.028	15.36
7/9/2011 22:00	17211	11.19	149.6	7.761	20.68	6.597	152.2	15.2	13.52	90.7	90	27.81	24.14	0	0.639	26.35	4.497	-0.028	12.77
7/9/2011 23:00	17212	7.577	144	6.43	11.74	3.629	137.8	16.52	6.368	87	85.2	31.15	28.49	0	0.025	26.36	4.485	-0.012	14.99
7/10/2011 0:00	17213	7.358	160	7.81	11.74	3.115	146.2	18.6	8.16	83.9	81	33.87	32.28	0	0.017	26.36	4.469	-0.016	12.83
7/10/2011 1:00	17214	6.148	182	7.631	11.74	2.278	179.4	11.01	6.368	80.8	78.61	36.26	34.08	0	0.008	26.36	4.463	-0.006	14.77
7/10/2011 2:00	17215	7.18	183.9	8.25	13.52	3.401	183.3	13.08	8.16	78.12	76.02	38.75	36.5	0	0.005	26.35	4.457	-0.006	12.86
7/10/2011 3:00	17216	5.482	197.4	16.51	11.74	2.28	189.3	15.68	8.16	78.38	76.88	39.26	36.45	0	0.007	26.35	4.45	-0.006	12.81
7/10/2011 4:00	17217	5.135	204.2	23.67	9.95	1.718	175.3	26.6	4.578	76.64	73.9	43.33	41.15	0	0.003	26.34	4.448	-0.003	12.85
7/10/2011 5:00	17218	5.322	191.7	14.43	9.95	1.252	182.8	13.91	6.368	74.66	71.95	48.88	47.2	0	0.002	26.33	4.445	-0.003	12.84
7/10/2011 6:00	17219	5.076	154.8	20.3	8.16	2.427	99	10.69	4.578	74.61	70.84	50.11	49.22	0	0.002	26.32	4.439	-0.006	12.83
7/10/2011 7:00	17220	5.346	117.5	12.32	8.16	2.86	84.6	12.55	4.578	73.45	70.88	51.85	50.27	0	1.224	26.33	4.436	-0.003	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/10/2011 8:00	17221	5.996	126.8	13.18	11.74	3.181	111.5	25.08	9.95	73.48	72.47	51.91	48.92	0	76.36	26.34	4.429	-0.007	15.28
7/10/2011 9:00	17222	11.72	175	13.82	24.26	7.388	177.9	19.94	18.89	78.14	79.06	48.42	43.2	0	258	26.37	4.422	-0.007	13.69
7/10/2011 10:00	17223	15.32	175.4	11.52	22.47	9.69	178.4	17.88	18.89	81.2	83.1	48.84	42.58	0	455.6	26.4	4.409	-0.013	12.79
7/10/2011 11:00	17224	13.77	170.5	14.12	20.68	8.87	172.6	20.12	15.31	84.8	87.5	43.56	36.97	0	641.2	26.42	4.399	-0.01	12.86
7/10/2011 12:00	17225	12.76	170.2	17.15	24.26	8.5	173.9	23.37	18.89	88.4	91.5	35.93	29.48	0	813	26.44	4.383	-0.016	15.16
7/10/2011 13:00	17226	14.46	161	17.34	26.05	9.47	164.8	22.92	20.68	90	93.6	34.19	27.56	0	928	26.46	4.341	-0.041	12.88
7/10/2011 14:00	17227	14.15	151.8	20.4	27.84	9.19	155.3	26.06	20.68	91.4	95.4	32.9	26.07	0	983	26.45	4.316	-0.025	14.3
7/10/2011 15:00	17228	14.02	150.2	22.2	27.84	9.22	154.3	28	22.47	93	97	31.71	24.99	0	995	26.44	4.275	-0.041	12.9
7/10/2011 16:00	17229	13.38	144	23.53	29.63	8.77	147.5	30.59	22.47	94.1	98.2	30.09	23.46	0	935	26.43	4.23	-0.044	13.19
7/10/2011 17:00	17230	13.34	149.1	21.84	26.05	8.66	152.7	27.96	18.89	93.9	97.1	28.8	22.8	0	661.2	26.41	4.183	-0.048	12.73
7/10/2011 18:00	17231	14.78	149.7	20.15	24.26	9.54	153.1	26.72	18.89	93.9	96.8	29.42	23.5	0	637.9	26.4	4.139	-0.044	14.39
7/10/2011 19:00	17232	14.71	131.8	14.67	26.05	9.22	135.1	22.89	18.89	93.4	95.7	28.95	23.54	0	438.8	26.38	4.097	-0.042	12.8
7/10/2011 20:00	17233	14.71	140.6	12.53	26.05	8.97	144.9	20.43	17.1	92.7	93.7	27.84	23.3	0	238.4	26.37	4.072	-0.025	14.38
7/10/2011 21:00	17234	14.87	143.3	10.32	24.26	9.09	147	17.9	18.89	90.8	91	28.28	24.13	0	64.52	26.37	4.047	-0.025	12.99
7/10/2011 22:00	17235	12.32	151.8	9.36	22.47	7.253	154	16.75	15.31	87.5	86.9	29.23	25.51	0	0.799	26.37	4.019	-0.028	13.18
7/10/2011 23:00	17236	9.23	158.2	7.767	17.1	5.083	159.4	15.44	9.95	84.4	83.4	30.35	27.01	0	0.024	26.37	3.994	-0.025	13.32
7/11/2011 0:00	17237	10.51	164.5	7.693	17.1	5.948	166.3	14.86	13.52	82.7	81.8	33.46	29.82	0	0.026	26.38	3.978	-0.016	15.2
7/11/2011 1:00	17238	7.137	165	6.413	13.52	3.343	163.2	13.44	8.16	79.38	77.72	39.06	36.23	0	0.021	26.37	3.968	-0.01	13.8
7/11/2011 2:00	17239	5.186	167.3	8.47	8.16	1.237	148.2	11.96	4.578	76.79	74.02	44.01	42.45	0	0.01	26.37	3.968	0	12.81
7/11/2011 3:00	17240	5.569	142.4	13	8.16	2.554	100.2	14.62	4.578	76.14	72.58	46.31	45.05	0	0.006	26.36	3.966	-0.002	12.86
7/11/2011 4:00	17241	7.145	133.5	16.38	9.95	3.078	118.7	18.57	6.368	74.48	71.67	50.78	49.42	0	0.007	26.35	3.963	-0.003	12.91
7/11/2011 5:00	17242	9.06	123	9.7	15.31	5.036	120.7	19.58	9.95	73.98	72.77	52.31	49.24	0	0.009	26.36	3.957	-0.006	12.81
7/11/2011 6:00	17243	9.59	127.8	8.21	13.52	5.495	127.5	18.09	11.74	72.22	71.56	57.57	53.61	0	0.01	26.36	3.947	-0.01	12.76
7/11/2011 7:00	17244	9.31	122	8.33	15.31	5.337	121.2	18.35	11.74	71.24	70.67	65.65	61.5	0	1.339	26.36	3.944	-0.003	12.81
7/11/2011 8:00	17245	9.14	127.4	12.69	17.1	5.472	128.6	21.3	11.74	72.01	71.97	69.71	64.86	0	76.61	26.38	9.43	5.491	12.9
7/11/2011 9:00	17246	15.15	154.9	11.53	26.05	9.32	157.8	17.5	18.89	76.4	77.35	66.87	60.9	0	256.7	26.4	9.43	-0.002	12.82
7/11/2011 10:00	17247	17.31	170.9	11.04	27.84	10.59	174.1	17.34	18.89	79.48	81.3	61.87	54.98	0	449.8	26.43	9.43	0	12.83
7/11/2011 11:00	17248	15.75	174.5	11.65	22.47	9.98	177.5	18.11	18.89	82.8	85.5	55.73	48.27	0	632.2	26.45	9.43	-0.001	13.9
7/11/2011 12:00	17249	12.26	167	19.12	24.26	8.16	169.3	25.27	17.1	86.8	90.1	48.09	40.66	0	806	26.46	9.43	-0.004	12.89
7/11/2011 13:00	17250	10	159.9	28.84	22.47	6.971	164.3	34.24	17.1	89.5	92.6	42.19	35.47	0	780	26.47	9.41	-0.02	12.74
7/11/2011 14:00	17251	8.12	164.3	47.48	18.89	5.877	166.2	52.16	15.31	93	96.4	35.51	29.05	0	900	26.46	9.39	-0.023	13.79
7/11/2011 15:00	17252	10.66	162.2	31.94	20.68	7.375	167.4	38.63	15.31	92.8	95.6	34.72	28.61	0	732.2	26.45	9.36	-0.028	12.74
7/11/2011 16:00	17253	10.43	155.2	31.95	22.47	7.087	157.8	37.37	17.1	94.2	97.2	30.68	24.78	0	720.6	26.43	9.33	-0.026	12.76
7/11/2011 17:00	17254	11	157.4	30.47	29.63	7.414	163.5	37.36	20.68	95.7	98.7	27.56	21.79	0	690.3	26.41	9.3	-0.035	12.72
7/11/2011 18:00	17255	11.47	163.2	20.16	22.47	7.596	168.1	26.34	17.1	95.7	98.3	26.44	20.92	0	613.3	26.4	9.25	-0.044	12.72
7/11/2011 19:00	17256	11.85	161.5	18.5	24.26	7.599	165.3	23.33	17.1	94.9	96.7	26.81	21.81	0	310.2	26.38	9.22	-0.037	12.76
7/11/2011 20:00	17257	11.99	174	16.58	20.68	7.481	177.5	22.01	17.1	94	94.7	26.98	22.56	0	186	26.37	9.18	-0.032	15.23
7/11/2011 21:00	17258	14.37	161.7	10.79	24.26	8.72	165	17.61	17.1	92.1	92	29.45	25.39	0	37.16	26.37	9.15	-0.031	14.95
7/11/2011 22:00	17259	14.58	168	9.22	33.21	8.58	171.3	16.32	27.84	89	88.7	36.24	32.21	0	0.389	26.37	9.13	-0.025	12.73
7/11/2011 23:00	17260	16.92	180.3	9.13	29.63	10.24	183.8	16.47	20.68	82.6	82.6	52.91	48.41	0	0.036	26.39	9.09	-0.034	12.81
7/12/2011 0:00	17261	13.29	171.2	9.04	20.68	7.936	174	16.5	15.31	80.6	80.3	56.58	52.39	0	0.034	26.39	9.07	-0.025	12.76
7/12/2011 1:00	17262	12.92	173.2	9.07	22.47	7.669	177	16.3	17.1	79.2	78.91	58.65	54.51	0	0.028	26.39	9.05	-0.019	12.78
7/12/2011 2:00	17263	11.71	163.3	9.01	18.89	6.906	165.6	16.49	13.52	78.47	78.15	57.93	53.82	0	0.033	26.38	9.04	-0.013	12.99
7/12/2011 3:00	17264	12.1	166.9	8.81	18.89	7.116	169.6	16.56	13.52	78.31	77.91	58.93	54.93	0	0.033	26.37	9.03	-0.01	12.93
7/12/2011 4:00	17265	11.59	165.4	8.56	17.1	6.812	167.7	16.07	13.52	77.88	77.44	60.46	56.52	0	0.028	26.36	9.02	-0.01	12.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/12/2011 5:00	17266	11.47	162.1	8.79	18.89	6.794	164.5	15.87	13.52	77.61	77.08	60.57	56.75	0	0.028	26.35	9.01	-0.013	13.88
7/12/2011 6:00	17267	12.57	160.9	9.16	20.68	7.485	163.3	15.91	17.1	77.42	76.95	60.31	56.43	0	0.023	26.36	9	-0.006	14.92
7/12/2011 7:00	17268	10.05	169.4	8.9	20.68	5.874	172.2	16.6	15.31	76.21	75.69	61.86	58.07	0	0.713	26.37	8.99	-0.013	13.2
7/12/2011 8:00	17269	10.4	167.6	9.61	18.89	6.085	170.2	16.81	15.31	76.18	76.02	62.51	58.26	0	68.09	26.37	8.98	-0.006	12.93
7/12/2011 9:00	17270	16.58	174.4	9.36	26.05	10.15	177.1	16.49	18.89	78.78	79.65	60.36	54.84	0	246.3	26.4	8.97	-0.01	12.97
7/12/2011 10:00	17271	15.58	178.5	12.09	26.05	9.81	182.2	17.93	17.1	82	83.9	56.27	49.76	0	440.8	26.43	8.96	-0.01	12.87
7/12/2011 11:00	17272	13.38	193.9	16.12	22.47	9.2	197.4	20.69	18.89	86	88.4	48.91	42.28	0	623.4	26.44	8.95	-0.011	12.77
7/12/2011 12:00	17273	11.97	203.6	15.49	20.68	8.53	206.6	18.76	17.1	89.2	91.9	42.84	36.18	0	792.7	26.46	8.93	-0.02	12.95
7/12/2011 13:00	17274	11.42	197.8	22.65	22.47	8.08	200.7	24.9	18.89	91.9	95.1	39.14	32.31	0	906	26.46	8.9	-0.029	15.14
7/12/2011 14:00	17275	11.31	204.8	28.82	22.47	8.27	208.7	30.51	17.1	93.8	96.8	36.22	29.64	0	904	26.46	8.88	-0.025	12.73
7/12/2011 15:00	17276	10.15	182.5	26.56	22.47	7.13	185.8	33.41	17.1	96.3	99.8	31.46	25.1	0	925	26.44	8.85	-0.025	12.84
7/12/2011 16:00	17277	9.72	189.1	29.5	22.47	7.079	194.9	33.06	17.1	97.3	100.2	28.76	22.84	0	752.3	26.43	8.82	-0.035	12.87
7/12/2011 17:00	17278	11.19	196.1	23.77	22.47	8	200.6	27.4	18.89	97.3	100	29.24	23.28	0	755.7	26.41	8.78	-0.034	12.89
7/12/2011 18:00	17279	15.43	180.4	26.2	31.42	10.01	183.9	28.5	24.26	93.6	95.6	34.14	28.44	0	338.4	26.4	8.74	-0.041	12.72
7/12/2011 19:00	17280	20.9	160.1	10.78	36.78	12.85	163.5	16.65	27.84	87.1	88.7	43.71	37.8	0	296.8	26.39	8.68	-0.063	12.74
7/12/2011 20:00	17281	12.86	156.1	11.39	24.26	8.04	160.3	17.99	20.68	82.5	83.8	55.41	49.42	0	158.8	26.36	8.65	-0.031	12.81
7/12/2011 21:00	17282	10.86	153.5	10.62	20.68	6.738	157.5	17.35	13.52	82	82.5	55.12	50.06	0	28.35	26.37	8.63	-0.019	13.52
7/12/2011 22:00	17283	6.536	157.7	10.95	11.74	3.797	159.3	17.29	9.95	80.9	80.9	56.11	51.78	0	0.298	26.36	8.61	-0.016	12.78
7/12/2011 23:00	17284	7.221	116.3	13.01	11.74	4.416	114.6	19.49	8.16	79.78	79.48	58.53	54.51	0	0.028	26.36	8.6	-0.01	12.93
7/13/2011 0:00	17285	8.72	113.4	10.03	13.52	5.491	112.6	18.81	9.95	78.26	78.16	61.73	57.29	0	0.025	26.36	8.59	-0.013	13.13
7/13/2011 1:00	17286	8.56	139.8	10.33	18.89	5.253	142.4	18.45	11.74	78.67	78.62	61.17	56.65	0	0.026	26.37	8.58	-0.01	12.97
7/13/2011 2:00	17287	7.807	121.3	17.62	11.74	4.917	120.4	24.77	9.95	77.56	77.59	65.81	61.07	0	0.017	26.38	8.57	-0.01	15.22
7/13/2011 3:00	17288	8.59	74.53	13.03	13.52	5.493	72.43	19.16	9.95	76.05	76.05	70.2	65.21	0	0.015	26.37	8.56	-0.01	12.85
7/13/2011 4:00	17289	8.31	68.97	15.05	13.52	5.066	68.08	21.21	9.95	74.98	74.89	74.17	69.26	0	0.009	26.36	8.55	-0.006	14.48
7/13/2011 5:00	17290	7.73	81.3	9.76	11.74	4.807	82.7	18.39	8.16	73.83	73.6	74.41	69.79	0	0.014	26.35	8.55	-0.01	13.14
7/13/2011 6:00	17291	6.754	98	10.78	11.74	4.052	93.8	17.14	8.16	72.57	72.1	76.59	72.22	0	0.005	26.34	8.54	-0.006	12.78
7/13/2011 7:00	17292	5.653	121.2	16.22	9.95	2.893	112.4	21.72	6.368	72.51	71.61	74.96	71.77	0	0.848	26.33	8.54	0.001	12.84
7/13/2011 8:00	17293	2.222	154.7	14.37	8.16	0.685	161.4	12.34	4.578	73.04	72.49	71.48	67.91	0	30.96	26.34	8.54	-0.003	12.85
7/13/2011 9:00	17294	9.21	175	11.71	18.89	5.747	177.5	17.68	13.52	76.51	76.81	63.02	58.29	0	102.2	26.35	8.53	-0.005	13.33
7/13/2011 10:00	17295	13.31	181.5	9.99	20.68	8.31	184.3	16.5	15.31	79.02	79.6	59.3	54.75	0	198.8	26.38	8.53	-0.003	12.97
7/13/2011 11:00	17296	12.5	196	16.41	20.68	8.54	198.7	19.79	17.1	85	87.2	50.44	44.02	0	614.2	26.4	8.52	-0.008	12.85
7/13/2011 12:00	17297	9.42	191.2	26.4	17.1	6.879	194.3	30.11	13.52	89.2	91.9	44.55	38.08	0	796.9	26.43	8.51	-0.01	12.8
7/13/2011 13:00	17298	7.076	195.2	32.12	17.1	5.385	200.6	36.16	15.31	93.3	95.9	38.3	32.13	0	919	26.44	8.5	-0.017	12.84
7/13/2011 14:00	17299	7.606	158.2	40.87	20.68	5.728	161	48.94	15.31	96.1	99.3	33.16	27.2	0	994	26.43	8.48	-0.019	14.72
7/13/2011 15:00	17300	7.546	167.7	48.17	20.68	5.647	169.9	54.55	17.1	98	101	29.32	23.61	0	896	26.42	8.45	-0.022	12.72
7/13/2011 16:00	17301	11.33	163.2	28.33	22.47	7.722	166.2	35.52	17.1	97.8	101.6	28.91	22.6	0	938	26.4	8.4	-0.053	14.73
7/13/2011 17:00	17302	11.85	186	29.11	36.78	8.29	189.7	33.9	24.26	99.1	102.4	27.87	21.7	0	856	26.37	8.36	-0.038	14.7
7/13/2011 18:00	17303	14.11	153.4	15.07	26.05	8.91	155.6	21.88	18.89	98	100.7	29.03	23.36	0	519.5	26.35	8.32	-0.044	14.9
7/13/2011 19:00	17304	13.87	178	26.89	26.05	9.19	181.8	30.35	18.89	97.9	100.1	27.95	22.59	0	402.4	26.33	8.28	-0.041	12.83
7/13/2011 20:00	17305	9.88	199.1	20.49	20.68	6.549	202.2	22.97	15.31	95.9	96.4	27.86	23.58	0	60.09	26.32	8.24	-0.038	12.75
7/13/2011 21:00	17306	20.61	340	31.01	36.78	15.83	339.4	30.42	31.42	82.8	83.5	54.67	48.95	0	4.379	26.33	8.2	-0.04	12.75
7/13/2011 22:00	17307	12.5	344.7	19.21	22.47	9.65	345.4	20.46	18.89	76.77	76.87	71.06	67.8	0	0.043	26.33	8.17	-0.025	12.77
7/13/2011 23:00	17308	5.59	332.6	28.44	13.52	4.327	333	30.29	9.95	76.01	76.17	73.12	68.92	0	0.015	26.34	8.17	-0.01	12.77
7/14/2011 0:00	17309	4.631	13.18	35.49	8.16	3.36	9.1	34.89	6.368	76.04	76.2	73.05	68.38	0	0.024	26.34	8.16	-0.006	12.93
7/14/2011 1:00	17310	5.751	69.53	11.35	9.95	3.65	70.35	16.86	6.368	75.81	75.64	70.85	66.78	0	0.02	26.33	8.15	-0.006	15.19

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/14/2011 2:00	17311	6.031	63.53	10.99	9.95	3.854	65.84	17.7	6.368	74.87	74.64	72.19	67.91	0	0.015	26.33	8.15	-0.003	12.79
7/14/2011 3:00	17312	4.801	50.7	29.84	8.16	2.932	58.41	34.93	6.368	74.26	73.66	72.89	69.26	0	0.011	26.33	8.15	-0.003	13.97
7/14/2011 4:00	17313	4.189	336.9	28.17	8.16	2.672	333.2	34.4	6.368	73.04	72.27	76.31	72.3	0	0.006	26.32	8.14	-0.006	12.95
7/14/2011 5:00	17314	4.67	321.4	12.9	8.16	2.967	319.1	19.82	6.368	72.41	72.08	79.98	75.21	0	0.007	26.32	8.14	-0.003	12.92
7/14/2011 6:00	17315	4.71	324.2	20.08	8.16	2.884	321.8	26.17	6.368	71.28	70.73	81.6	77.42	0	0.007	26.31	8.14	-0.003	12.78
7/14/2011 7:00	17316	5.797	354.8	34.51	9.95	3.786	355.7	41.17	8.16	71.4	70.78	75.77	72.41	0	1.003	26.3	8.13	-0.003	12.75
7/14/2011 8:00	17317	1.695	20.15	45.29	6.368	1.156	14.61	48.51	4.578	73.42	72.49	70.66	67.77	0	79.58	26.3	8.13	-0.004	13.02
7/14/2011 9:00	17318	6.174	104.4	24.78	13.52	4.26	103.5	30.82	11.74	78.48	79.43	58.4	53.51	0	261.1	26.33	8.12	-0.005	13.67
7/14/2011 10:00	17319	8.21	127.5	22.89	15.31	5.622	128.3	30.82	13.52	82	84.4	49.85	43.86	0	455	26.36	8.12	-0.007	12.85
7/14/2011 11:00	17320	5.212	118.6	47.62	9.95	3.998	114.1	55.5	8.16	86.1	88.6	44.31	38.37	0	622.2	26.38	8.11	-0.007	14.61
7/14/2011 12:00	17321	5.264	138.6	55.31	13.52	3.996	139.2	62.98	11.74	90.6	93.2	38.07	32.37	0	810	26.4	8.1	-0.01	12.78
7/14/2011 13:00	17322	6.59	171.7	42.69	15.31	4.967	176	50.11	11.74	93.2	96.3	33.23	27.31	0	929	26.4	8.09	-0.01	12.79
7/14/2011 14:00	17323	6.621	146.3	61.98	15.31	5.045	156.2	70.23	11.74	95.8	98.8	31.78	25.99	0	983	26.39	8.07	-0.015	15.31
7/14/2011 15:00	17324	7.736	169.7	41.43	18.89	5.734	175.3	46.4	15.31	97.6	100.8	30.83	24.92	0	986	26.37	8.05	-0.029	13.79
7/14/2011 16:00	17325	9.6	177.1	38.57	20.68	7.04	180.6	46.47	15.31	98.7	102.1	29.11	23.01	0	929	26.35	8.01	-0.034	12.83
7/14/2011 17:00	17326	8.45	211.7	33.24	18.89	6.383	215.2	37.3	15.31	99.6	101.8	27.18	21.64	0	683.1	26.34	7.983	-0.029	12.77
7/14/2011 18:00	17327	8.26	182.6	32.73	20.68	5.878	186.1	33.71	17.1	98.6	100.6	26.7	21.52	0	474	26.31	7.948	-0.035	12.93
7/14/2011 19:00	17328	8.16	150.5	27.19	17.1	5.568	152.3	34.84	11.74	99.2	101.4	25.19	20.15	0	420.1	26.29	7.891	-0.057	15.3
7/14/2011 20:00	17329	11.79	148.5	17.81	18.89	7.522	153	23.63	17.1	97.9	99	26.76	22.2	0	251.9	26.29	7.853	-0.038	14.66
7/14/2011 21:00	17330	10.33	154.3	9.6	17.1	6.106	157.7	16.39	13.52	95.3	95.2	28.53	24.62	0	32.16	26.29	7.821	-0.031	12.88
7/14/2011 22:00	17331	8.9	172.9	36.89	22.47	5.279	174.6	37.88	15.31	92.2	91.6	31.58	27.99	0	0.23	26.3	7.799	-0.022	12.72
7/14/2011 23:00	17332	7.709	228.3	37.43	13.52	5.382	230.2	39.85	11.74	90.2	90.1	34.62	30.51	0	0.038	26.32	7.781	-0.018	12.71
7/15/2011 0:00	17333	7.045	203.5	48.18	13.52	4.209	197.5	49.97	11.74	87.1	86.4	38.19	34.92	0	0.025	26.33	7.766	-0.015	12.7
7/15/2011 1:00	17334	7.897	171.8	8.06	13.52	4.212	172.1	14.57	8.16	84.9	83.8	37.61	34.58	0	0.026	26.31	7.753	-0.013	12.8
7/15/2011 2:00	17335	8.76	171.3	10.49	13.52	4.915	173.1	18.2	11.74	82.9	82	39.28	35.99	0	0.017	26.3	7.737	-0.016	12.87
7/15/2011 3:00	17336	7.732	175.2	9.52	11.74	4.078	175.4	16.31	8.16	80.9	79.73	42.44	39.43	0	0.019	26.29	7.728	-0.01	12.82
7/15/2011 4:00	17337	8.01	171.6	8.43	13.52	4.088	173.3	16.06	8.16	78.96	77.76	46.09	43.07	0	0.008	26.28	7.715	-0.013	14.52
7/15/2011 5:00	17338	5.565	199	18.07	9.95	2.642	205.4	22.47	6.368	77.25	75.63	50.01	47.52	0	0.009	26.28	7.709	-0.006	12.97
7/15/2011 6:00	17339	4.901	184.5	13.39	8.16	1.185	171.1	11.55	4.578	75.35	72.95	53.34	52.09	0	0.004	26.27	7.69	-0.018	12.9
7/15/2011 7:00	17340	4.572	166.5	7.39	8.16	0.785	126.8	5.841	4.578	73.92	71.33	55.91	54.91	0	1.044	26.28	7.692	0.001	12.86
7/15/2011 8:00	17341	3.705	171.2	11.35	9.95	0.699	168.3	8.9	8.16	74.7	73.66	56.35	53.29	0	75.73	26.28	7.688	-0.004	12.86
7/15/2011 9:00	17342	11.05	164.7	10.78	18.89	6.813	167.1	18.06	13.52	80.3	81.2	50.81	45.77	0	269.3	26.32	7.68	-0.008	12.82
7/15/2011 10:00	17343	16.23	172.8	12.06	26.05	10.1	175.6	18.5	18.89	83.8	85.7	45.88	39.99	0	487.3	26.35	7.67	-0.01	12.83
7/15/2011 11:00	17344	15.09	178.6	13.48	24.26	9.71	181.3	18.81	18.89	87.3	89.8	39.9	33.83	0	666.2	26.37	7.657	-0.013	12.99
7/15/2011 12:00	17345	12.88	163.7	19.17	26.05	8.45	166.7	24.88	17.1	90.9	94.2	32.76	26.68	0	837	26.38	7.634	-0.023	13.05
7/15/2011 13:00	17346	13.12	151.7	20.1	24.26	8.55	153.6	26.8	17.1	93.2	97	28.72	22.58	0	954	26.39	7.596	-0.038	12.91
7/15/2011 14:00	17347	12.79	154.5	22.66	24.26	8.55	158.3	29.63	18.89	94.9	98.9	27.32	21.11	0	1007	26.39	7.564	-0.032	14.95
7/15/2011 15:00	17348	11.76	139.2	22.03	22.47	7.97	140.8	29.17	18.89	96.8	100.9	24.61	18.65	0	1000	26.38	7.532	-0.032	12.72
7/15/2011 16:00	17349	10.64	156.6	30.76	24.26	7.375	159	38.46	17.1	98.7	102.3	22.26	16.55	0	945	26.37	7.488	-0.044	12.69
7/15/2011 17:00	17350	10.57	152.9	30.63	26.05	7.184	157.1	37.07	18.89	99.5	102.8	21.75	16.23	0	813	26.35	7.45	-0.037	14.18
7/15/2011 18:00	17351	12.43	141.8	22.96	26.05	8.21	144.7	31.01	24.26	99.1	102	21.08	15.79	0	639.8	26.34	7.409	-0.041	12.87
7/15/2011 19:00	17352	12.06	136.3	20.72	24.26	7.964	138.4	28.46	18.89	98.5	100.7	21.14	16.2	0	451.7	26.33	7.371	-0.038	12.84
7/15/2011 20:00	17353	11.11	136.2	19.08	20.68	7.063	139.5	26.08	17.1	97.5	98.4	22.1	17.82	0	259.6	26.32	7.33	-0.041	12.72
7/15/2011 21:00	17354	10.53	135.9	10.09	18.89	6.359	138.5	19.65	13.52	95.2	95.4	24.65	20.77	0	71.26	26.32	7.305	-0.025	12.71
7/15/2011 22:00	17355	7.924	135.3	7.635	13.52	4.156	133.2	16.97	9.95	90.9	89.6	27.71	24.67	0	0.475	26.31	7.283	-0.022	12.65

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/15/2011 23:00	17356	7.51	122.9	6.483	9.95	3.605	115.2	14.9	6.368	86.6	84.7	32.29	29.74	0	0.018	26.32	7.268	-0.015	14.25
7/16/2011 0:00	17357	7.809	123.3	5.138	11.74	3.728	115.6	14.93	6.368	84.1	82.1	35.31	32.99	0	0.025	26.32	7.255	-0.013	14.92
7/16/2011 1:00	17358	7.416	129.7	7.974	13.52	3.426	121.3	16.54	8.16	82.6	80.4	37.3	35.2	0	0.015	26.31	7.224	-0.032	14.51
7/16/2011 2:00	17359	6.004	151.3	8.8	9.95	1.949	137	11.6	4.578	81.1	78.66	39.66	37.94	0	0.02	26.31	7.217	-0.006	12.89
7/16/2011 3:00	17360	4.75	170.6	10.35	6.368	0.657	136	7.389	4.578	79.41	76.6	42.19	40.86	0	0.01	26.3	7.211	-0.006	12.8
7/16/2011 4:00	17361	5.704	167.6	7.105	8.16	1.643	142.8	15.97	4.578	78.1	75.07	44.34	43.36	0	0.004	26.3	7.205	-0.006	12.84
7/16/2011 5:00	17362	5.028	160.3	14.46	6.368	1.315	112.9	16.66	4.578	77.47	74.44	45.68	44.85	0	0.007	26.3	7.199	-0.006	15.08
7/16/2011 6:00	17363	4.803	159.4	6.311	8.16	0.784	127.8	8.63	2.789	76.33	73.2	47.92	47.42	0	0.007	26.3	7.196	-0.003	12.77
7/16/2011 7:00	17364	4.748	149.1	7.997	8.16	1.428	105.6	13.22	4.578	75.13	72.38	49.89	48.93	0	0.959	26.31	7.194	-0.003	15.43
7/16/2011 8:00	17365	6.278	157.7	8.76	9.95	2.819	148.6	19.79	6.368	76.21	74.36	49.9	47.87	0	71.08	26.32	7.183	-0.01	14.52
7/16/2011 9:00	17366	10.38	168.6	9.92	17.1	6.511	171.6	17.5	11.74	80.6	81.5	45.72	40.81	0	256.2	26.36	7.176	-0.007	12.87
7/16/2011 10:00	17367	11.56	174.1	13.9	17.1	7.548	177	19.9	13.52	84	85.9	42.02	36.29	0	446.4	26.4	7.166	-0.01	12.87
7/16/2011 11:00	17368	10.44	174.6	17.99	17.1	7.055	177.5	23.85	13.52	87.4	90.2	38.15	32.02	0	636.1	26.43	7.153	-0.013	15.41
7/16/2011 12:00	17369	10.44	152.5	24.89	22.47	7.027	154.8	30.04	17.1	90.8	94.1	34.12	27.96	0	809	26.45	7.143	-0.01	12.93
7/16/2011 13:00	17370	13.8	138.3	16.21	26.05	9.07	140.2	24	17.1	93.4	97.2	31.31	24.99	0	909	26.46	7.114	-0.029	12.84
7/16/2011 14:00	17371	14.38	131.1	20.28	26.05	9.38	133.7	28.29	22.47	95.1	99.3	28.99	22.56	0	967	26.45	7.073	-0.041	15.29
7/16/2011 15:00	17372	16.04	133	18.75	27.84	10.43	135.2	26.85	20.68	95.5	99.3	28.06	21.87	0	872	26.45	7.035	-0.038	12.86
7/16/2011 16:00	17373	15.47	126.2	17.49	31.42	10.01	126.8	26.62	22.47	97	100.7	26.31	20.3	0	805	26.44	6.993	-0.042	12.73
7/16/2011 17:00	17374	15.46	132.3	16.86	27.84	9.79	135.2	24.73	20.68	96.4	99	26.98	21.55	0	512.3	26.42	6.947	-0.047	12.85
7/16/2011 18:00	17375	15.05	121	13.95	24.26	9.65	122.7	22.9	20.68	95	96.6	29.23	24.34	0	337.2	26.41	6.899	-0.047	12.9
7/16/2011 19:00	17376	14.06	125.7	24.07	24.26	8.91	128.8	30.33	18.89	95.6	97.4	28.01	22.97	0	307.3	26.39	6.871	-0.029	12.73
7/16/2011 20:00	17377	15.28	144.7	32.06	26.05	9.33	147	36.76	18.89	91.9	92.2	34.01	29.65	0	61.91	26.38	6.839	-0.032	12.77
7/16/2011 21:00	17378	13.9	145.4	12.22	24.26	8.43	148	18.15	17.1	90.8	90.7	33.63	29.64	0	28.04	26.38	6.807	-0.032	15.04
7/16/2011 22:00	17379	11.38	135.5	8.45	18.89	6.66	137.1	18.21	13.52	88.4	88	36.77	32.98	0	0.742	26.38	6.792	-0.015	12.81
7/16/2011 23:00	17380	10.2	131.7	9.12	15.31	5.985	133	19.49	11.74	86	85.4	38.65	35.06	0	0.03	26.39	6.774	-0.019	12.83
7/17/2011 0:00	17381	10.26	127.9	8.9	17.1	5.896	128.1	18.78	11.74	84	83.4	41.65	37.92	0	0.03	26.41	6.761	-0.013	15.29
7/17/2011 1:00	17382	11.61	131.8	8.48	20.68	6.885	132.7	18.25	15.31	83.1	82.7	43.3	39.4	0	0.041	26.42	6.745	-0.016	13.49
7/17/2011 2:00	17383	8.13	128.5	9.06	13.52	4.531	128.3	18.28	8.16	80.6	79.83	44.64	41.24	0	0.022	26.42	6.736	-0.01	12.87
7/17/2011 3:00	17384	6.439	121.6	5.83	8.16	3.087	113.1	15.14	6.368	77.66	76.26	48.14	45.55	0	0.013	26.42	6.729	-0.006	12.88
7/17/2011 4:00	17385	6.243	128.2	6.603	8.16	2.698	108.2	14.52	4.578	76.41	74.1	48.64	47.34	0	0.01	26.4	6.72	-0.009	12.84
7/17/2011 5:00	17386	5.464	141.5	7.068	8.16	2.055	108.6	15.1	4.578	75.73	73.16	49.13	48.04	0	0.006	26.4	6.714	-0.005	12.86
7/17/2011 6:00	17387	5.604	118.1	10.19	8.16	2.814	85.8	13.59	4.578	74.13	71.94	51.44	49.7	0	0.006	26.39	6.708	-0.006	13.67
7/17/2011 7:00	17388	5.382	151.8	15.99	9.95	1.956	147.3	23.24	8.16	73.93	72.11	51.64	49.69	0	0.689	26.4	6.702	-0.006	12.97
7/17/2011 8:00	17389	5.083	112.1	17.62	8.16	2.555	90.9	19.64	6.368	74.28	72.81	51.21	48.92	0	63.53	26.42	6.696	-0.007	12.94
7/17/2011 9:00	17390	9.27	146.6	11.56	17.1	5.905	148.4	19.39	13.52	78.83	79.86	47.43	42.41	0	243.2	26.46	6.688	-0.008	12.84
7/17/2011 10:00	17391	11.24	142.5	14.56	18.89	7.258	144	22.01	17.1	81.2	83.5	47.97	41.65	0	446	26.5	6.678	-0.01	12.88
7/17/2011 11:00	17392	10.01	155	18.8	18.89	6.847	156.7	25.53	17.1	84.7	87.7	45.91	39.16	0	632	26.53	6.668	-0.01	13.07
7/17/2011 12:00	17393	12.04	141.2	22.93	24.26	7.912	144.1	30.6	17.1	87.9	91.3	39.61	32.96	0	765.1	26.56	6.649	-0.019	12.94
7/17/2011 13:00	17394	13.12	127.5	17.59	26.05	8.68	127.1	26.4	22.47	89.6	93.2	37.48	30.78	0	850	26.57	6.626	-0.023	14.39
7/17/2011 14:00	17395	12.48	128.4	21.29	22.47	8.22	128.1	27.42	18.89	90.3	93.7	36.35	29.97	0	617.4	26.57	6.588	-0.038	12.84
7/17/2011 15:00	17396	14.52	137.7	15.26	26.05	9.23	140	22.03	17.1	89.5	91.5	37.32	31.72	0	386.3	26.55	6.557	-0.031	12.8
7/17/2011 16:00	17397	14.77	131.7	17.17	27.84	9.46	133.4	24.94	18.89	91.2	94.5	35.97	29.5	0	746.3	26.54	6.521	-0.035	12.78
7/17/2011 17:00	17398	14.68	114.4	17.59	26.05	9.72	113.8	26.48	18.89	93	96.8	33.76	27.14	0	861	26.54	6.483	-0.038	12.8
7/17/2011 18:00	17399	14.33	130.2	23.06	26.05	9.49	132.1	29.22	18.89	93.6	96.4	32.58	26.63	0	590.5	26.52	6.446	-0.037	13.17
7/17/2011 19:00	17400	13.7	127.5	16.66	27.84	8.74	130	24.31	17.1	93.5	95.5	32	26.71	0	406	26.5	6.414	-0.032	12.82

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/17/2011 20:00	17401	12.06	124.5	14.9	20.68	7.616	125.7	23.25	15.31	92.5	93.4	32.18	27.65	0	150.3	26.49	6.383	-0.031	14.03
7/17/2011 21:00	17402	12.47	123.5	10.64	22.47	7.596	124.4	19.74	17.1	91	91	32.65	28.64	0	45.84	26.49	6.354	-0.028	14.89
7/17/2011 22:00	17403	8.29	121.8	8.31	13.52	4.794	121	18.16	9.95	88.6	87.9	33.1	29.61	0	0.347	26.48	6.336	-0.019	12.73
7/17/2011 23:00	17404	7.087	104.5	9.79	11.74	4.229	101.1	17.49	8.16	85.8	85	35.89	32.43	0	0.029	26.49	6.323	-0.012	13.45
7/18/2011 0:00	17405	6.669	114.3	9.23	9.95	3.238	106.7	18.49	6.368	81.8	79.96	37.88	35.78	0	0.021	26.5	6.311	-0.013	12.9
7/18/2011 1:00	17406	6.907	118.9	10.19	13.52	3.376	93.6	13.24	6.368	79.8	76.42	37.25	37.11	0	0.011	26.49	6.298	-0.013	13.16
7/18/2011 2:00	17407	6.321	137	11.8	8.16	2.715	100.8	15.87	4.578	78.39	74.78	36.81	36.83	0	0.009	26.48	6.292	-0.006	13.07
7/18/2011 3:00	17408	5.468	153.8	6.375	8.16	1.796	112.1	11.94	4.578	76.73	73.03	38.07	37.98	0	0.006	26.47	6.287	-0.005	12.85
7/18/2011 4:00	17409	2.083	175.7	20.08	6.368	0.174	80.1	17.15	2.789	75.15	72.54	40.62	38.88	0	0.002	26.46	6.284	-0.002	12.79
7/18/2011 5:00	17410	0.989	257.3	17.56	4.578	0.297	315.4	13.27	2.789	74.72	72.05	42.12	40.34	0	0.002	26.46	6.281	-0.003	12.79
7/18/2011 6:00	17411	1.363	70.29	5.469	4.578	2.068	73.43	7.745	4.578	74.53	71.17	43.42	42.02	0	0.003	26.46	6.275	-0.006	12.9
7/18/2011 7:00	17412	3.48	70.93	8.28	6.368	2.294	69.54	6.763	4.578	73.56	69.49	45.4	43.84	0	0.836	26.46	6.262	-0.013	13.16
7/18/2011 8:00	17413	4.473	71.47	12.91	6.368	2.485	63.66	10.6	4.578	73.87	72.44	47.19	43.69	0	70.25	26.48	6.252	-0.01	13.02
7/18/2011 9:00	17414	6.119	144.6	42.95	13.52	4.136	147.7	52.04	9.95	79.47	80.5	45.86	40.71	0	256.3	26.52	6.247	-0.004	12.9
7/18/2011 10:00	17415	10.46	190.6	14.77	17.1	7.21	193.2	19.79	13.52	82.2	84.2	47.45	41.1	0	457.7	26.57	6.237	-0.01	13.15
7/18/2011 11:00	17416	9.81	187.9	20.03	17.1	6.958	193.6	24.44	15.31	85.6	88.1	43.75	37.21	0	644	26.58	6.227	-0.01	14.97
7/18/2011 12:00	17417	8.69	147.6	30.82	18.89	6.195	151	38.3	15.31	89.4	92.6	34.95	28.86	0	816	26.6	6.214	-0.013	14.97
7/18/2011 13:00	17418	12.07	134.3	28.99	22.47	8.11	135.5	35.96	17.1	91.1	94.8	31.9	25.56	0	864	26.61	6.195	-0.019	12.76
7/18/2011 14:00	17419	11.3	139.8	27.71	22.47	7.497	141.5	34.46	18.89	92.5	95.9	30.51	24.36	0	808	26.59	6.166	-0.028	13.11
7/18/2011 15:00	17420	10.49	134.8	31.04	22.47	7.158	137.4	38.56	17.1	93.5	96.9	29.06	23.09	0	704.9	26.57	6.135	-0.032	12.73
7/18/2011 16:00	17421	10.28	137.9	27.07	22.47	7.152	141	34.96	22.47	95	98.1	27.77	21.99	0	745.7	26.55	6.109	-0.025	12.74
7/18/2011 17:00	17422	8.92	123.6	21.99	18.89	6.065	123.2	31.9	15.31	94.6	97.1	27.34	21.98	0	499.7	26.54	6.075	-0.035	14.22
7/18/2011 18:00	17423	9.3	130.7	21.86	20.68	6.38	133.3	30.81	17.1	94.9	97.2	27.28	22.08	0	442.8	26.51	6.043	-0.031	12.84
7/18/2011 19:00	17424	8.89	122.5	21.18	20.68	6.024	122.3	31.13	15.31	94.6	96.1	28.31	23.51	0	319.1	26.49	6.018	-0.025	12.73
7/18/2011 20:00	17425	9.66	116.4	17.96	17.1	6.42	117.1	26.18	13.52	94.1	94.9	28.3	23.98	0	180.5	26.48	5.98	-0.038	12.73
7/18/2011 21:00	17426	7.167	127.9	13.01	13.52	4.124	128.3	21.54	9.95	92.1	91.8	30.02	26.42	0	41.32	26.47	5.961	-0.019	12.88
7/18/2011 22:00	17427	6.537	99.8	8.16	13.52	3.651	93.9	14.51	9.95	88.4	86.8	33.85	31.09	0	0.446	26.46	5.946	-0.015	15.29
7/18/2011 23:00	17428	7.302	86.6	8.06	13.52	3.691	83.3	15.82	6.368	85.3	83.5	36.91	34.31	0	0.023	26.46	5.934	-0.012	12.71
7/19/2011 0:00	17429	6.905	89.6	7.464	9.95	3.349	81.8	14.76	4.578	84.1	81.7	38.35	36.28	0	0.025	26.46	5.924	-0.01	12.79
7/19/2011 1:00	17430	7.601	97.3	7.19	13.52	4.014	86.6	15.86	6.368	83	80.7	39.89	37.83	0	0.018	26.45	5.915	-0.01	13.92
7/19/2011 2:00	17431	7.616	98.5	6.272	11.74	3.917	92.3	13.91	6.368	81.3	79.26	41.76	39.57	0	0.022	26.44	5.905	-0.01	12.73
7/19/2011 3:00	17432	6.835	102.3	6.262	9.95	3.548	92.6	13.44	6.368	80.2	77.89	43.21	41.41	0	0.017	26.43	5.896	-0.01	12.75
7/19/2011 4:00	17433	5.794	118	7.535	8.16	2.57	95.6	13.82	4.578	78.16	75.93	46.34	44.47	0	0.009	26.42	5.889	-0.006	12.78
7/19/2011 5:00	17434	3.52	158.4	29.95	6.368	0.811	87	25.04	4.578	76.4	74.04	49.41	47.64	0	0.005	26.42	5.883	-0.006	12.89
7/19/2011 6:00	17435	3.607	163.4	15.72	6.368	0.964	99.1	5.077	2.789	76.28	73.22	49.95	49.46	0	0.005	26.41	5.88	-0.003	12.94
7/19/2011 7:00	17436	4.154	157.6	7.781	6.368	1.553	107	12.15	2.789	75.38	72.75	50.73	49.97	0	0.712	26.41	5.875	-0.006	12.95
7/19/2011 8:00	17437	3.121	166.1	19.74	6.368	0.67	107.5	17.28	2.789	76.58	74.92	49.15	46.83	0	66.49	26.42	5.871	-0.004	12.81
7/19/2011 9:00	17438	4.227	201.8	16.88	9.95	3.094	209	19.71	8.16	81.8	82.6	42.76	37.9	0	248.1	26.45	5.864	-0.007	12.87
7/19/2011 10:00	17439	8.29	210.2	14.47	15.31	6.233	212.9	16.88	11.74	86.5	88.1	36.83	31.52	0	450.9	26.49	5.856	-0.007	12.79
7/19/2011 11:00	17440	7.08	231.4	23.58	13.52	5.674	233.4	26.27	11.74	90.4	92.1	32.51	27.11	0	638.1	26.5	5.847	-0.01	14.13
7/19/2011 12:00	17441	5.079	213.1	64.26	13.52	4.137	223	66.76	11.74	95.1	96.8	29.1	24.07	0	812	26.51	5.837	-0.01	12.73
7/19/2011 13:00	17442	7.173	141.4	58.46	17.1	5.204	144.3	65.86	13.52	96.2	99	26.79	21.3	0	808	26.52	5.818	-0.019	15.23
7/19/2011 14:00	17443	6.431	151.5	51.56	20.68	4.776	155.8	57.94	15.31	97.4	100.3	25.33	19.87	0	707.3	26.5	5.789	-0.028	14.99
7/19/2011 15:00	17444	6.614	120.4	48.88	15.31	4.792	124.8	49.92	11.74	100.3	103.7	22.76	17.32	0	950	26.48	5.764	-0.025	13.09
7/19/2011 16:00	17445	7.505	160.9	48.8	17.1	5.482	169.5	54.54	13.52	98.9	101.4	23.81	18.52	0	714.1	26.46	5.736	-0.028	12.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/19/2011 17:00	17446	8.44	128.3	35.82	24.26	5.929	132.3	42.04	17.1	98.3	101.1	24.12	18.82	0	550.1	26.44	5.701	-0.035	13.01
7/19/2011 18:00	17447	9.97	157.8	33.27	20.68	6.857	162.1	39.12	15.31	97.8	99.7	24.65	19.61	0	527	26.41	5.666	-0.035	12.73
7/19/2011 19:00	17448	10.12	136.7	20.35	29.63	6.589	138.5	28.73	26.05	97.1	98.8	24.73	19.52	0	309	26.4	5.622	-0.044	12.87
7/19/2011 20:00	17449	7.739	128	20.67	15.31	5.189	127.6	29.85	11.74	96.9	97.6	24.7	20.09	0	201.2	26.38	5.59	-0.032	12.72
7/19/2011 21:00	17450	9.22	143.3	11.93	18.89	5.562	144	19.26	13.52	94.7	94.7	26.64	22.68	0	57.08	26.37	5.568	-0.022	12.8
7/19/2011 22:00	17451	7.5	139.7	8.92	13.52	3.828	135	19.99	8.16	90.1	88.7	30.86	27.64	0	0.335	26.36	5.55	-0.019	12.75
7/19/2011 23:00	17452	8.64	152	18.22	18.89	4.146	143.3	31.91	13.52	86.7	84.2	35.17	33.13	0	0.017	26.35	5.537	-0.012	13.07
7/20/2011 0:00	17453	8.01	185.4	10.74	13.52	4.597	187.1	16.67	9.95	83.7	83	43.36	39.72	0	0.022	26.36	5.522	-0.016	12.91
7/20/2011 1:00	17454	5.481	188.5	6.756	9.95	1.92	179.7	12.58	4.578	80.8	78.76	47.28	45.09	0	0.014	26.35	5.515	-0.006	13.04
7/20/2011 2:00	17455	5.138	188	13.16	8.16	1.632	176.2	21.71	2.789	78.69	76.4	50.66	48.85	0	0.006	26.34	5.509	-0.006	13.16
7/20/2011 3:00	17456	6.454	167.5	13.04	11.74	2.687	164.6	18.47	8.16	76.49	74.88	54.13	51.57	0	0.005	26.32	5.5	-0.009	12.76
7/20/2011 4:00	17457	7.608	181.4	10.57	11.74	4.186	184.1	16.98	6.368	75.92	75.03	54.19	50.87	0	0.006	26.32	5.493	-0.006	12.81
7/20/2011 5:00	17458	6.949	169.4	11.99	11.74	3.611	169.9	17.35	8.16	75.06	74.02	55.06	51.91	0	0.005	26.32	5.484	-0.009	12.86
7/20/2011 6:00	17459	4.427	170.8	13.61	8.16	1.073	164.7	19.13	4.578	72.97	71.54	59.22	56.55	0	0.003	26.31	5.481	-0.003	12.75
7/20/2011 7:00	17460	6.138	154.8	9.05	9.95	2.768	149.8	16.7	6.368	71.94	70.48	61.64	59.05	0	0.588	26.31	5.476	-0.006	13.41
7/20/2011 8:00	17461	6.071	160.7	10.61	9.95	3.326	163	17.18	6.368	72.79	72.29	60.34	56.55	0	35.22	26.32	9.06	3.585	15.16
7/20/2011 9:00	17462	8.55	173.7	12.22	17.1	5.354	176.5	18.37	13.52	76.08	76.45	55.26	50.63	0	133.5	26.35	9.06	-0.002	12.87
7/20/2011 10:00	17463	10.28	183.2	10.03	15.31	6.733	186.1	16.81	11.74	79.68	80.7	52.93	47.53	0	264.6	26.37	9.06	0	12.84
7/20/2011 11:00	17464	10.71	185.7	14.1	17.1	7.338	188.2	20.06	13.52	87.7	90.3	43.21	36.79	0	699.2	26.4	9.06	0.002	15.35
7/20/2011 12:00	17465	11.75	180.1	14.42	18.89	7.988	183	20.5	15.31	92.5	95.7	34.8	28.56	0	838	26.42	9.06	-0.004	12.79
7/20/2011 13:00	17466	10.66	182.6	20.86	22.47	7.51	187.1	26.13	18.89	96.5	99.9	27.81	21.82	0	979	26.43	9.04	-0.016	12.71
7/20/2011 14:00	17467	8.91	195.3	38.84	22.47	6.504	200.3	44.67	15.31	98	100.6	23.88	18.44	0	728.9	26.42	9.01	-0.028	12.67
7/20/2011 15:00	17468	10.91	139	29.18	22.47	7.531	140.5	35.3	17.1	98.9	102.3	22.17	16.72	0	857	26.4	8.98	-0.029	12.69
7/20/2011 16:00	17469	9.8	159	45.29	22.47	6.794	163.3	48.66	18.89	98.9	101.4	22.56	17.31	0	621.4	26.38	8.95	-0.034	15.2
7/20/2011 17:00	17470	10.18	127	31.96	20.68	7.075	126.8	38.34	18.89	99.7	102.6	21.77	16.47	0	712.4	26.36	8.92	-0.029	12.9
7/20/2011 18:00	17471	12.51	138.5	28.06	24.26	8.23	140.2	34.66	18.89	99.8	102.6	21.85	16.58	0	634	26.35	8.89	-0.035	14.59
7/20/2011 19:00	17472	12.94	127.9	18.53	22.47	8.2	130.1	26	15.31	98.2	100	22.6	17.79	0	342.6	26.33	8.84	-0.051	13.29
7/20/2011 20:00	17473	12.47	131.8	16.32	24.26	7.845	134.8	24.12	17.1	97.2	98	23.15	18.88	0	208.2	26.33	8.8	-0.038	14.91
7/20/2011 21:00	17474	11.7	135.6	9.89	20.68	6.991	138.3	18.83	15.31	94.7	94.6	24.36	20.54	0	52	26.32	8.76	-0.041	12.82
7/20/2011 22:00	17475	8.23	126.6	7.459	11.74	4.366	125.5	16.42	8.16	89.9	88.6	27.79	24.68	0	0.235	26.31	8.74	-0.021	12.9
7/20/2011 23:00	17476	6.76	131.1	14.38	11.74	3.188	121.7	23.05	6.368	87.6	85.6	31.47	28.9	0	0.019	26.31	8.72	-0.015	12.73
7/21/2011 0:00	17477	7.265	133.3	12.08	11.74	3.199	118.8	20.82	6.368	84.9	81.9	35.28	33.47	0	0.01	26.32	8.71	-0.013	12.78
7/21/2011 1:00	17478	7.401	153.5	9.58	13.52	3.353	145	19.28	8.16	82.9	80.3	38.47	36.53	0	0.008	26.31	8.69	-0.013	12.7
7/21/2011 2:00	17479	7.986	164.7	8.82	13.52	4.176	167.4	15.51	8.16	81.4	80.3	42.2	38.92	0	0.011	26.31	8.68	-0.01	13.08
7/21/2011 3:00	17480	8.58	169.7	8.26	13.52	4.822	171.5	16.19	11.74	80.4	79.46	48.17	44.64	0	0.015	26.3	8.67	-0.013	12.7
7/21/2011 4:00	17481	10.41	177.1	10.05	17.1	6.205	180.2	16.59	11.74	80.3	79.72	52.38	48.58	0	0.014	26.3	8.66	-0.01	12.71
7/21/2011 5:00	17482	9.77	182.6	8.99	15.31	5.795	185.5	16.15	11.74	79.27	78.65	53.68	50	0	0.015	26.3	8.66	-0.006	12.96
7/21/2011 6:00	17483	5.031	181.2	12.3	8.16	1.698	175.6	18.25	6.368	76.87	75.13	56.54	54.47	0	0.008	26.3	8.65	-0.006	12.89
7/21/2011 7:00	17484	6.213	159.7	8.12	9.95	2.602	149	14.11	6.368	75.26	73.16	58.27	56.79	0	0.627	26.3	8.64	-0.005	12.77
7/21/2011 8:00	17485	8.05	152.2	11.26	11.74	4.678	152.3	19.03	9.95	75.96	75.27	55.6	52.21	0	63.2	26.3	8.64	-0.007	13.63
7/21/2011 9:00	17486	12.93	168.4	11.63	22.47	7.97	171	17.93	17.1	79.76	80.6	50.63	45.5	0	241.3	26.33	8.63	-0.007	12.76
7/21/2011 10:00	17487	15.57	172.9	10.93	26.05	9.81	175.9	17.73	18.89	82.3	84.3	49.98	43.68	0	449.1	26.36	8.62	-0.013	12.77
7/21/2011 11:00	17488	12.34	177.7	15.17	18.89	8.15	181.2	19.99	15.31	86.3	88.9	45.29	38.69	0	634.2	26.37	8.6	-0.017	12.96
7/21/2011 12:00	17489	11.93	164.3	17.78	20.68	7.928	166.7	23.85	15.31	90.3	93.5	39.76	33.14	0	809	26.38	8.59	-0.013	12.88
7/21/2011 13:00	17490	11.95	150.6	22.72	22.47	7.985	152.9	30.52	17.1	93.4	97.3	34.6	27.94	0	935	26.39	8.57	-0.022	12.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/21/2011 14:00	17491	12.5	133.1	23.56	26.05	8.48	134.9	30.69	20.68	95.4	99.3	29.64	23.35	0	972	26.38	8.54	-0.028	12.8
7/21/2011 15:00	17492	10.73	135.3	28.84	22.47	7.324	136.8	36.58	17.1	96.9	100.8	27.42	21.28	0	802	26.38	8.51	-0.028	12.94
7/21/2011 16:00	17493	10.02	122.5	30.8	22.47	7.017	126.2	39.99	18.89	97.8	101.2	25.75	20.01	0	825	26.36	8.45	-0.054	12.89
7/21/2011 17:00	17494	12.06	125.9	30.85	24.26	8.14	128.3	37.85	17.1	97.3	100.1	25.86	20.29	0	614.8	26.34	8.41	-0.044	12.71
7/21/2011 18:00	17495	11.57	140.5	24.05	26.05	7.58	143.8	31	26.05	97.3	99.8	25.57	20.23	0	531.5	26.32	8.38	-0.032	14.05
7/21/2011 19:00	17496	12.75	144.8	23.49	22.47	8.05	148.2	30.01	18.89	97	99.4	26.15	20.82	0	447.1	26.31	8.34	-0.035	12.78
7/21/2011 20:00	17497	13.75	140.2	14.05	22.47	8.57	142.5	22.51	17.1	96	97.1	27.28	22.69	0	248	26.3	8.3	-0.048	12.88
7/21/2011 21:00	17498	12.03	148.9	10.77	20.68	7.273	152.6	17.99	15.31	93.3	93.3	30.55	26.5	0	43.73	26.3	8.25	-0.044	12.94
7/21/2011 22:00	17499	11.14	150.1	8.27	17.1	6.496	152.8	15.86	13.52	90.4	89.9	34.32	30.56	0	0.279	26.3	8.23	-0.021	15.15
7/21/2011 23:00	17500	10.24	152.9	8.02	15.31	5.837	154.7	15.82	11.74	88.1	87.4	37.44	33.81	0	0.03	26.31	8.21	-0.019	12.86
7/22/2011 0:00	17501	9.95	159	8.16	15.31	5.748	160.5	15.26	11.74	86.1	85.4	39.58	35.99	0	0.027	26.32	8.2	-0.016	12.77
7/22/2011 1:00	17502	13.35	169.8	8.7	26.05	7.869	171.9	16.47	15.31	84.9	84.4	41.74	37.87	0	0.027	26.33	8.18	-0.016	13.75
7/22/2011 2:00	17503	14.61	170.3	8.86	22.47	8.56	173.3	16.59	18.89	83.2	82.8	46.47	42.43	0	0.025	26.34	8.16	-0.019	12.87
7/22/2011 3:00	17504	13.42	172.3	8.77	22.47	7.917	174.5	16.76	17.1	81.2	80.8	50.95	46.93	0	0.024	26.33	8.15	-0.013	14.99
7/22/2011 4:00	17505	10.79	168.9	8.41	18.89	6.353	171.1	15.58	13.52	79.57	79.08	54.06	50.13	0	0.012	26.32	8.14	-0.01	14.28
7/22/2011 5:00	17506	8.49	167.9	8.75	13.52	4.721	170	16.2	11.74	77.85	77.15	57.11	53.49	0	0.009	26.31	8.13	-0.006	12.79
7/22/2011 6:00	17507	5.76	148.2	13.52	8.16	2.698	135.7	22.87	6.368	76.31	74.67	59.81	57.59	0	0.004	26.32	8.13	-0.006	13.95
7/22/2011 7:00	17508	7.157	129.1	7.888	9.95	3.932	124.3	16.44	6.368	75.52	74.62	61.23	57.93	0	0.476	26.31	8.12	-0.003	13.04
7/22/2011 8:00	17509	4.969	135.1	12.06	9.95	2.255	127.5	18.99	9.95	75.13	74.44	62.47	58.96	0	57.48	26.32	8.12	-0.006	12.84
7/22/2011 9:00	17510	10.69	142.3	11.32	20.68	6.743	144.6	19.71	15.31	78.51	79.74	60.17	54.35	0	239	26.35	8.11	-0.003	12.84
7/22/2011 10:00	17511	12.47	154.4	12.18	18.89	7.971	156.7	19.41	15.31	80.5	82.8	61.14	53.87	0	445.5	26.36	8.1	-0.01	13.87
7/22/2011 11:00	17512	8.26	172.2	26.78	15.31	5.91	177.3	31.6	13.52	84.3	87	56.01	48.7	0	622.2	26.38	8.1	-0.004	15.27
7/22/2011 12:00	17513	8.38	160.9	37.28	18.89	5.967	166.2	41.25	15.31	87.6	90.6	49.22	42.16	0	806	26.4	8.09	-0.007	14.66
7/22/2011 13:00	17514	12.49	132.2	20.69	26.05	8.58	133	29.08	18.89	89.7	93.6	42.95	35.62	0	932	26.4	8.08	-0.016	12.76
7/22/2011 14:00	17515	12.54	141.9	19.53	26.05	8.4	144.2	27.27	20.68	92.2	96.3	38.15	30.99	0	988	26.39	8.06	-0.022	12.7
7/22/2011 15:00	17516	13.25	152.6	23.24	24.26	9	156.3	30.9	18.89	94.2	98.3	35.04	28.02	0	1012	26.38	8.02	-0.034	12.71
7/22/2011 16:00	17517	11.12	137.8	28.11	33.21	7.431	140.2	34.22	20.68	95.4	99.1	32.3	25.92	0	688.1	26.36	7.976	-0.045	12.76
7/22/2011 17:00	17518	10.94	143.7	25.3	24.26	7.325	147	34.37	17.1	96.1	98.8	30.35	24.62	0	627.9	26.33	7.938	-0.038	12.91
7/22/2011 18:00	17519	11.11	123.1	34.55	20.68	7.444	124.2	44.66	15.31	97.1	100.1	29.68	23.73	0	705.9	26.32	7.903	-0.035	12.86
7/22/2011 19:00	17520	10.5	124.9	17.15	20.68	6.716	125.8	25.57	15.31	94.7	95.7	31.17	26.51	0	101.1	26.3	7.872	-0.031	12.84
7/22/2011 20:00	17521	11.13	114.2	11.77	20.68	7.183	115	21.08	15.31	94	94.4	32.63	28.32	0	82.6	26.29	7.84	-0.031	12.79
7/22/2011 21:00	17522	11.8	157	22.11	20.68	7.143	159.5	26.62	15.31	91.3	91.3	37.29	33.07	0	13.43	26.3	7.815	-0.025	12.93
7/22/2011 22:00	17523	12.52	185.9	12.78	22.47	7.551	188.9	18.01	17.1	86.1	85.5	46.94	44.61	0	0.17	26.32	7.797	-0.018	15.43
7/22/2011 23:00	17524	12.15	184.8	11.76	20.68	7.298	186.9	17.61	15.31	83.3	82.6	48.71	46.15	0	0.016	26.32	7.782	-0.016	14.74
7/23/2011 0:00	17525	8.07	191.2	9.62	15.31	4.809	194.4	15.36	11.74	79.77	79.26	54.62	51.14	0	0.027	26.33	7.766	-0.016	14.06
7/23/2011 1:00	17526	4.961	217.2	24.96	9.95	2.43	217.9	30.37	6.368	76.64	75.53	60.78	58.85	0	0.011	26.34	7.756	-0.01	13.01
7/23/2011 2:00	17527	4.953	197.5	26.61	8.16	1.722	182.5	39.23	4.578	74.54	73.03	62.17	60.74	0	0.005	26.33	7.751	-0.006	13.04
7/23/2011 3:00	17528	7.472	175	11.96	11.74	3.896	174.9	18.61	8.16	72.49	71.31	64.67	61.93	0	0.004	26.32	7.73	-0.021	15.21
7/23/2011 4:00	17529	8.47	155.3	10.58	15.31	4.62	154.3	16.07	11.74	72.11	71.35	66.17	62.63	0	0.005	26.32	7.724	-0.006	12.88
7/23/2011 5:00	17530	9.7	160.7	8.82	17.1	5.651	162.1	15.84	11.74	72.89	72.31	65.6	61.77	0	0.007	26.32	7.717	-0.007	14.71
7/23/2011 6:00	17531	9.55	161.2	9.85	17.1	5.672	164.5	17.19	15.31	72.27	71.9	67.91	63.64	0	0.005	26.32	7.713	-0.003	15.05
7/23/2011 7:00	17532	4.73	182.6	28.09	11.74	2.576	188.1	38.32	8.16	70.21	69.58	74.31	70.06	0	0.527	26.32	7.711	-0.003	12.87
7/23/2011 8:00	17533	4.628	227	38.54	9.95	2.736	236.3	41.57	6.368	69.9	69.1	75.99	72.07	0	57.54	26.33	7.708	-0.003	15.39
7/23/2011 9:00	17534	9.59	174	20.7	17.1	6.171	177.5	25.7	11.74	74.02	75.23	65.91	59.66	0	240.4	26.37	7.702	-0.006	15.36
7/23/2011 10:00	17535	12.98	164.7	12.77	22.47	8.18	167.1	19.25	18.89	77.91	79.98	58.9	52.09	0	426.4	26.4	7.696	-0.006	13.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/23/2011 11:00	17536	11.52	177.3	17.34	26.05	7.791	179.7	22.06	15.31	81.3	84.1	55.47	47.98	0	625.7	26.42	7.686	-0.01	12.83
7/23/2011 12:00	17537	9.49	174.1	22.22	17.1	6.739	177.2	29.07	13.52	84.7	87.8	50.97	43.47	0	793.9	26.44	7.676	-0.011	12.85
7/23/2011 13:00	17538	7.484	207.2	28.2	15.31	5.798	212.2	31.16	11.74	89.9	92.4	42.39	35.85	0	911	26.45	7.659	-0.016	12.91
7/23/2011 14:00	17539	8.6	207.1	48.76	20.68	6.543	211.9	51.47	17.1	92.3	95	37.47	31.01	0	901	26.46	7.627	-0.032	12.82
7/23/2011 15:00	17540	8.52	176.1	25.05	22.47	6.048	180.1	30.98	17.1	92.4	95	36.49	30.39	0	599.1	26.45	7.605	-0.022	12.78
7/23/2011 16:00	17541	10.22	187.9	23.72	18.89	7.164	194.1	27.13	17.1	92.5	94.8	34.52	28.66	0	509	26.44	7.574	-0.032	12.84
7/23/2011 17:00	17542	10.71	157.6	22.91	20.68	6.974	159.7	29.69	15.31	92.1	93.9	33.73	28.46	0	308.5	26.42	7.543	-0.031	12.66
7/23/2011 18:00	17543	12.83	167.1	16.84	22.47	8.1	170.7	22.11	15.31	91.5	92.7	33.89	29	0	216	26.4	7.514	-0.028	13.84
7/23/2011 19:00	17544	11.34	173.5	22.09	22.47	7.679	177.1	28.39	18.89	93.5	95.6	31.16	25.74	0	456.8	26.4	7.476	-0.038	14.85
7/23/2011 20:00	17545	12.23	162.5	13.93	22.47	7.609	165.1	20.1	15.31	92.4	93.5	33.02	28.12	0	227.6	26.41	7.45	-0.026	13.04
7/23/2011 21:00	17546	10.06	178.9	11.25	17.1	6.125	182	16.96	13.52	90.3	90.3	34.51	30.41	0	30.35	26.41	7.429	-0.021	12.8
7/23/2011 22:00	17547	11.28	167.5	8.73	20.68	6.704	169.8	15.98	13.52	88.7	88.4	37.05	33.09	0	0.215	26.42	7.401	-0.028	12.81
7/23/2011 23:00	17548	10.54	171.2	8.71	20.68	6.13	173.3	16.17	13.52	86.2	85.7	43.25	39.35	0	0.029	26.43	7.388	-0.012	15.05
7/24/2011 0:00	17549	13.66	169.3	8.95	26.05	8.13	171.4	16.49	18.89	84.7	84.4	45.15	41.16	0	0.039	26.46	7.373	-0.016	12.83
7/24/2011 1:00	17550	12.91	167.7	8.62	29.63	7.575	169.8	16.08	22.47	82.4	82	48.15	44.11	0	0.032	26.47	7.354	-0.019	12.85
7/24/2011 2:00	17551	10.66	167.3	8.45	17.1	6.28	169.1	16.21	11.74	80.3	79.87	54.05	50.05	0	0.025	26.46	7.344	-0.01	12.88
7/24/2011 3:00	17552	6.606	157.1	9.05	11.74	3.194	151.8	17.94	6.368	78	76.87	59.38	56.3	0	0.011	26.45	7.335	-0.01	12.91
7/24/2011 4:00	17553	6.21	140.7	9.55	8.16	2.554	124.1	18.86	4.578	75.88	73.86	63.29	61.4	0	0.006	26.42	7.329	-0.006	13.03
7/24/2011 5:00	17554	5.559	95.3	17.79	8.16	3.029	76.61	16.25	4.578	75.95	74.05	63.37	61.31	0	0.005	26.42	7.325	-0.003	12.82
7/24/2011 6:00	17555	6.785	96.6	6.338	9.95	3.612	91.9	14.55	6.368	74.94	73.53	64.06	61.41	0	0.003	26.43	7.323	-0.002	13.65
7/24/2011 7:00	17556	7.551	88.1	13.66	9.95	4.596	83.7	19.35	8.16	73.08	72.45	66.4	62.58	0	0.495	26.44	7.319	-0.004	14.79
7/24/2011 8:00	17557	8.32	107	11.33	15.31	5.331	105.6	19.37	11.74	73.53	73.27	65.3	60.99	0	54.88	26.45	7.317	-0.003	13.14
7/24/2011 9:00	17558	13.26	142.4	16.34	24.26	8.14	144.4	22.85	17.1	77.5	78.61	61.14	55.34	0	238.8	26.48	7.303	-0.014	15.27
7/24/2011 10:00	17559	15.94	168.6	12.65	26.05	9.87	170.9	19.34	18.89	80.2	82.2	59.97	52.97	0	440	26.51	7.293	-0.01	12.87
7/24/2011 11:00	17560	11.78	166.8	14.67	18.89	7.635	169.6	21.57	15.31	82.9	85.9	56.25	48.49	0	627.6	26.53	7.286	-0.007	12.87
7/24/2011 12:00	17561	10.4	162.2	19.94	18.89	7.146	165.9	27.03	15.31	86.6	89.8	50.33	42.88	0	801	26.55	7.276	-0.01	12.82
7/24/2011 13:00	17562	10.68	152.9	20.23	20.68	7.292	156.5	25.86	15.31	89.6	93.5	45.15	37.66	0	921	26.56	7.257	-0.019	12.8
7/24/2011 14:00	17563	10.05	136.9	26.41	20.68	6.964	137.5	35.54	17.1	91.9	95.9	40.25	33.11	0	909	26.56	7.235	-0.022	13.29
7/24/2011 15:00	17564	11.39	144.6	27.38	24.26	7.815	145.4	32.28	17.1	94.2	98.3	36.32	29.38	0	982	26.55	7.203	-0.032	12.81
7/24/2011 16:00	17565	11.89	169.3	25.24	22.47	8.26	173.1	31.45	17.1	95.5	99.2	34.58	27.7	0	930	26.54	7.162	-0.041	13.58
7/24/2011 17:00	17566	11.15	174.3	22.81	22.47	7.653	178.5	27.18	17.1	96.3	99.7	32.73	26.22	0	780.9	26.52	7.102	-0.06	13.1
7/24/2011 18:00	17567	11.88	152.5	25.95	24.26	7.953	155.4	30.1	17.1	96.5	99.6	32.03	25.86	0	678.4	26.5	7.07	-0.032	12.71
7/24/2011 19:00	17568	13	163.1	20.36	22.47	8.62	166.6	25.32	17.1	96.2	98.7	31.1	25.33	0	495.4	26.49	7.032	-0.038	12.86
7/24/2011 20:00	17569	13.35	152.7	19.04	24.26	8.35	156.9	25.16	17.1	95.2	96.3	30.56	25.84	0	247.7	26.47	6.982	-0.05	12.82
7/24/2011 21:00	17570	11.73	162.3	11.91	18.89	6.951	166.1	18.22	15.31	92.9	93	32.54	28.46	0	52.64	26.47	6.95	-0.032	14.01
7/24/2011 22:00	17571	8.69	157.3	9.68	15.31	4.856	158.5	16.92	13.52	89.5	88.8	37.26	33.66	0	0.142	26.47	6.922	-0.028	12.94
7/24/2011 23:00	17572	8.94	154.1	8.19	13.52	5.058	155.4	15.45	9.95	87.5	86.7	41.58	38.01	0	0.025	26.48	6.907	-0.016	15.34
7/25/2011 0:00	17573	7.779	159.7	9.4	11.74	4.185	159.9	16.02	8.16	85.1	84.1	45.01	41.71	0	0.024	26.48	6.897	-0.01	12.83
7/25/2011 1:00	17574	10.05	171.9	8.23	18.89	5.705	173.6	16.45	11.74	83.7	83	47.76	44.13	0	0.035	26.48	6.885	-0.013	12.71
7/25/2011 2:00	17575	9.34	173.9	8.29	15.31	5.427	176	15.6	9.95	82	81.4	50.14	46.42	0	0.037	26.48	6.872	-0.013	12.74
7/25/2011 3:00	17576	8.52	170.9	8.03	13.52	4.742	172.1	15.79	9.95	80.1	79.33	52.61	49.08	0	0.018	26.47	6.859	-0.013	15.1
7/25/2011 4:00	17577	7.343	164.6	7.77	11.74	3.887	163.5	14.81	8.16	78.41	77.42	54.78	51.6	0	0.019	26.45	6.853	-0.006	12.83
7/25/2011 5:00	17578	5.559	139.4	15.07	8.16	2.333	118.6	26.53	4.578	76.38	74.62	57.76	55.59	0	0.014	26.44	6.847	-0.006	12.77
7/25/2011 6:00	17579	6.75	122.7	7.927	8.16	3.202	107.7	18.19	6.368	75.18	73.17	59.72	57.89	0	0.007	26.42	6.844	-0.002	15.22
7/25/2011 7:00	17580	7.397	121	8.42	9.95	3.828	113.7	17.73	6.368	74.57	73.09	59.83	57.49	0	0.481	26.41	6.841	-0.003	15.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/25/2011 8:00	17581	7.286	117.6	9.84	11.74	4.329	114.5	19.33	8.16	74.9	74.32	59.3	55.58	0	60.98	26.42	6.834	-0.007	14.34
7/25/2011 9:00	17582	7.424	147.2	18.79	13.52	4.818	150.7	25.79	9.95	79.22	80.5	52.32	46.95	0	243.1	26.46	6.827	-0.007	15.24
7/25/2011 10:00	17583	8.14	186.6	17.62	13.52	5.623	189	22.89	11.74	83.7	85.9	46.69	40.46	0	447.6	26.49	6.821	-0.007	12.82
7/25/2011 11:00	17584	8.17	186.3	19.77	17.1	5.904	190	25.85	13.52	87.9	90.4	44.03	37.62	0	637.8	26.51	6.807	-0.013	12.84
7/25/2011 12:00	17585	6.296	210.8	39.53	13.52	4.934	216.2	41.53	11.74	91.9	94.1	39.37	33.27	0	809	26.53	6.801	-0.007	12.69
7/25/2011 13:00	17586	6.905	174	49.94	17.1	5.317	179.5	55.88	13.52	94.6	97.4	34.89	28.76	0	902	26.53	6.784	-0.016	15.09
7/25/2011 14:00	17587	8.11	184.4	36.83	18.89	5.854	190.4	44.05	18.89	96.1	99	30.58	24.68	0	838	26.52	6.76	-0.025	12.71
7/25/2011 15:00	17588	7.691	165.3	51.93	26.05	5.661	171.1	56.77	18.89	97.5	99.9	24.75	19.47	0	746.9	26.5	6.731	-0.028	12.74
7/25/2011 16:00	17589	9.01	181.8	45.81	22.47	6.584	186.5	48.42	18.89	99.9	103.1	21.8	16.09	0	955	26.47	6.696	-0.035	13.42
7/25/2011 17:00	17590	8.2	158.5	61.18	22.47	5.953	162.7	65.46	17.1	100.5	103.3	21.61	16.15	0	826	26.45	6.649	-0.047	12.83
7/25/2011 18:00	17591	9.2	152.4	40.3	20.68	6.478	155.5	45.07	15.31	99.6	101.9	21.58	16.43	0	587.7	26.42	6.601	-0.047	12.72
7/25/2011 19:00	17592	9.7	148.1	25	20.68	6.457	152.3	31.93	15.31	99.2	101.7	21.19	16.04	0	460	26.4	6.563	-0.038	12.99
7/25/2011 20:00	17593	8.56	139.1	24.31	17.1	5.662	141.9	30.59	13.52	98.3	99.1	21.58	17.36	0	240.7	26.39	6.519	-0.044	12.85
7/25/2011 21:00	17594	8.65	134.8	13.06	15.31	5.093	137.4	20.96	13.52	95.4	95.1	22.67	19.04	0	47.57	26.38	6.5	-0.019	12.89
7/25/2011 22:00	17595	8.15	118.3	6.637	13.52	4.129	115.7	16.68	8.16	90.2	88.6	25.78	22.88	0	0.196	26.38	6.478	-0.022	12.71
7/25/2011 23:00	17596	8.64	122.8	6.547	11.74	4.496	120.4	16.98	8.16	87	85.6	29.63	26.55	0	0.02	26.37	6.457	-0.022	15.28
7/26/2011 0:00	17597	8.11	138.2	8.01	11.74	3.888	134	16.74	8.16	85.4	83.4	30.74	28.24	0	0.023	26.37	6.441	-0.016	12.85
7/26/2011 1:00	17598	8.67	160.1	7.444	15.31	4.588	159.2	15.41	9.95	83.7	82.2	31.71	28.75	0	0.019	26.36	6.428	-0.013	12.87
7/26/2011 2:00	17599	8.41	189	12.09	13.52	4.783	191.2	16.66	9.95	82.3	81.1	32.66	29.38	0	0.024	26.35	6.412	-0.016	12.82
7/26/2011 3:00	17600	6.09	190.5	6.201	9.95	2.505	181	11.72	6.368	79.77	77.26	34.67	32.82	0	0.015	26.34	6.403	-0.01	12.81
7/26/2011 4:00	17601	5.961	196.7	6.684	8.16	2.371	187.6	12.12	4.578	77.62	74.87	36.92	35.18	0	0.01	26.33	6.39	-0.013	12.82
7/26/2011 5:00	17602	5.637	181.8	6.026	8.16	1.775	159.9	15.56	4.578	75.88	72.87	40.69	38.91	0	0.008	26.32	6.388	-0.002	12.75
7/26/2011 6:00	17603	4.645	176	16.05	8.16	1.355	151.2	30.27	2.789	74.4	71.83	43.91	41.92	0	0.004	26.31	6.382	-0.006	12.79
7/26/2011 7:00	17604	4.255	176.4	28.43	8.16	1.006	110.4	18.38	4.578	73.03	70.59	47.17	45.12	0	0.674	26.3	6.38	-0.003	12.98
7/26/2011 8:00	17605	5.443	172.1	16.24	9.95	2.564	171.5	21.97	6.368	74.2	72.82	49.55	46.4	0	63.54	26.3	6.369	-0.01	13.12
7/26/2011 9:00	17606	8.72	170.6	10.27	15.31	5.473	173.3	17.64	11.74	79.56	80.5	44.48	39.43	0	242.3	26.33	6.365	-0.005	12.82
7/26/2011 10:00	17607	8.49	185.8	15.52	15.31	5.81	189.1	21.01	11.74	86.4	88.4	36.37	30.91	0	451.7	26.36	6.355	-0.01	12.79
7/26/2011 11:00	17608	7.981	191.6	25.59	15.31	5.919	195.2	31.28	11.74	92.6	94.8	27.84	22.65	0	644	26.38	6.345	-0.01	12.86
7/26/2011 12:00	17609	9.39	173.5	29.27	22.47	6.601	177.7	33.46	15.31	95.3	98.3	23.52	18.11	0	823	26.41	6.328	-0.016	12.77
7/26/2011 13:00	17610	11.94	159.7	22.53	26.05	8.01	162.3	30.51	18.89	97.1	100.7	19.06	13.58	0	951	26.41	6.3	-0.029	12.82
7/26/2011 14:00	17611	11.66	167.1	28.04	38.57	7.938	171.7	32.51	26.05	98.4	102.3	18.33	12.64	0	1008	26.4	6.272	-0.028	12.67
7/26/2011 15:00	17612	11.02	177.7	28.12	22.47	7.72	181.3	32.56	15.31	99.3	103	18.57	12.85	0	1007	26.39	6.211	-0.06	12.68
7/26/2011 16:00	17613	10.6	177.9	30.16	22.47	7.459	183.5	34.16	17.1	99.9	103.2	17.64	12.11	0	941	26.36	6.173	-0.038	12.92
7/26/2011 17:00	17614	10.51	168.8	31.95	22.47	7.329	170.4	34.7	18.89	100.5	103.5	16.87	11.59	0	826	26.35	6.135	-0.038	12.68
7/26/2011 18:00	17615	9.91	148.1	32.84	22.47	6.772	150.8	39.15	17.1	100.6	103.4	15.99	10.86	0	652.8	26.33	6.097	-0.038	12.71
7/26/2011 19:00	17616	10.41	176.2	28.25	20.68	7.116	181.5	31.37	17.1	100.1	102.3	15.37	10.45	0	453.7	26.31	6.056	-0.041	12.84
7/26/2011 20:00	17617	11.86	167.4	21.91	22.47	7.409	171	26.35	18.89	99.2	100	16.99	12.66	0	248.1	26.3	6.018	-0.038	12.73
7/26/2011 21:00	17618	9.9	160.7	12.16	17.1	5.842	163.1	18.23	13.52	96.3	96	19.22	15.39	0	53.28	26.29	5.974	-0.044	12.75
7/26/2011 22:00	17619	8.13	146.1	6.417	13.52	4.071	145.2	14.89	9.95	91.1	89.4	24.9	21.84	0	0.124	26.28	5.952	-0.021	12.86
7/26/2011 23:00	17620	8.15	151.1	6.684	11.74	3.899	149.3	14.3	8.16	87.6	85.5	29.4	26.59	0	0.017	26.28	5.94	-0.012	12.78
7/27/2011 0:00	17621	9.32	160.9	10.29	18.89	4.851	161.6	17.44	13.52	85.9	84.5	33.37	30.15	0	0.024	26.29	5.924	-0.016	13.09
7/27/2011 1:00	17622	13.6	173.7	9.12	22.47	8.01	176.3	16.65	15.31	86.2	85.6	35.51	31.59	0	0.032	26.3	5.908	-0.016	12.8
7/27/2011 2:00	17623	11.93	179.6	8.5	18.89	7.104	182.2	16.1	13.52	83.9	83.3	39.44	35.46	0	0.034	26.31	5.896	-0.013	12.94
7/27/2011 3:00	17624	11.78	180.9	8.51	20.68	7.108	183.5	16.2	15.31	82.4	81.8	40.26	36.32	0	0.03	26.3	5.88	-0.016	15.29
7/27/2011 4:00	17625	10.01	173	8.71	17.1	5.737	175	16.06	11.74	80.5	79.73	43.06	39.18	0	0.028	26.29	5.867	-0.013	12.8

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/27/2011 5:00	17626	9.14	171	9.09	15.31	5.184	173.2	16.93	11.74	79.06	78.25	46.71	42.98	0	0.022	26.29	5.858	-0.01	12.89
7/27/2011 6:00	17627	7.408	173.5	13.26	11.74	3.908	173.5	19.72	8.16	77.06	75.86	49.96	46.7	0	0.014	26.28	5.848	-0.01	12.86
7/27/2011 7:00	17628	7.026	176.4	13.36	11.74	3.645	177.6	19.17	8.16	76.42	75.2	51.67	48.56	0	0.991	26.27	5.842	-0.006	12.89
7/27/2011 8:00	17629	4.103	219.7	38.31	6.368	1.583	245.6	37.11	4.578	76.01	74.95	52.53	49.18	0	60.08	26.28	5.839	-0.003	14.21
7/27/2011 9:00	17630	9.99	167.2	11.58	20.68	6.372	170.8	18.4	15.31	80.8	81.8	45.88	40.71	0	240.8	26.3	5.832	-0.007	12.82
7/27/2011 10:00	17631	15.1	167.5	11.52	22.47	9.41	170.1	18.34	18.89	84.5	86.4	41.33	35.36	0	446.5	26.33	5.822	-0.01	13
7/27/2011 11:00	17632	11.92	174.7	14.79	20.68	7.78	178.8	20.77	15.31	88.1	90.8	37.47	31.27	0	633.6	26.35	5.809	-0.013	12.97
7/27/2011 12:00	17633	8.8	172	21.52	17.1	6.254	175.9	26.79	13.52	91.8	94.9	33.24	27.1	0	807	26.37	5.79	-0.02	15.09
7/27/2011 13:00	17634	11.06	162.5	21.7	20.68	7.482	166	27.46	15.31	94.3	97.9	29.23	22.97	0	928	26.38	5.771	-0.019	12.71
7/27/2011 14:00	17635	10.65	143.3	27.51	20.68	7.487	146.5	35.83	17.1	96.6	100.4	26.72	20.68	0	985	26.37	5.742	-0.028	12.95
7/27/2011 15:00	17636	10.18	142.5	33.23	22.47	7.022	146.6	38.9	17.1	98.5	102.5	24.15	18.11	0	983	26.36	5.704	-0.038	12.82
7/27/2011 16:00	17637	9.25	175.7	32.9	20.68	6.608	180.2	40.53	15.31	100.1	103.4	22.04	16.26	0	927	26.35	5.67	-0.035	14.58
7/27/2011 17:00	17638	9.54	154	31.65	22.47	6.593	155.1	39.72	17.1	100.9	104.1	21.14	15.58	0	799.8	26.33	5.632	-0.038	14.64
7/27/2011 18:00	17639	8.94	146.3	34.65	20.68	6.209	149	41.07	15.31	100.6	103.3	21.48	16.19	0	629.7	26.32	5.584	-0.048	12.89
7/27/2011 19:00	17640	9.9	129.5	28.63	20.68	6.837	130.2	36.54	15.31	100.1	102.3	21.52	16.48	0	442.5	26.3	5.555	-0.029	12.66
7/27/2011 20:00	17641	10.97	137.6	20.47	20.68	6.945	141.4	26.88	13.52	98.9	99.8	21.87	17.51	0	229.2	26.3	5.517	-0.038	12.97
7/27/2011 21:00	17642	12.13	142	11.68	18.89	7.298	144.8	19.97	15.31	96.4	96.3	23.9	19.99	0	44.68	26.3	5.483	-0.035	12.76
7/27/2011 22:00	17643	10.78	138.9	8.19	17.1	6.208	140.3	18.1	13.52	92.7	91.9	26.04	22.46	0	0.145	26.3	5.457	-0.025	12.82
7/27/2011 23:00	17644	9.89	141.4	8.28	15.31	5.722	142.3	17.43	11.74	90	89	28.07	24.59	0	0.023	26.32	5.439	-0.018	12.74
7/28/2011 0:00	17645	10.08	156	8.27	15.31	5.708	157.4	15.35	11.74	87.6	86.8	30.86	27.24	0	0.028	26.33	5.42	-0.019	12.78
7/28/2011 1:00	17646	10.53	173.6	8.93	18.89	6.148	176	16.39	13.52	85.6	84.7	33.82	30.14	0	0.025	26.33	5.401	-0.019	12.8
7/28/2011 2:00	17647	9.26	178.4	8.78	13.52	5.304	180.2	16.49	9.95	83.2	82.3	35.81	32.23	0	0.028	26.33	5.385	-0.016	12.85
7/28/2011 3:00	17648	8.17	180.7	11.71	13.52	4.566	182.9	17.85	9.95	81.5	80.5	38.24	34.72	0	0.014	26.32	5.369	-0.016	14.24
7/28/2011 4:00	17649	7.977	184.9	10.02	13.52	4.356	186.4	16.12	8.16	79.8	78.67	42.47	39.11	0	0.007	26.31	5.36	-0.01	12.8
7/28/2011 5:00	17650	5.51	181.7	8.28	9.95	2.086	182.3	12.56	6.368	77.05	75.42	46.37	43.7	0	0.008	26.3	5.357	-0.003	13.51
7/28/2011 6:00	17651	2.753	169.6	15.01	6.368	0.247	92.4	5.835	2.789	75.7	73.39	48.67	46.94	0	0.004	26.29	5.351	-0.005	13.28
7/28/2011 7:00	17652	5.081	129.1	10.59	8.16	2.564	90.1	10.64	4.578	75.31	72.43	49.42	48.21	0	0.453	26.29	5.349	-0.003	12.88
7/28/2011 8:00	17653	6.515	129.4	13.85	9.95	3.26	120.5	22.19	6.368	75.12	73.23	49.4	47.33	0	58.03	26.31	5.342	-0.007	12.98
7/28/2011 9:00	17654	10.9	162.2	13.29	20.68	6.819	163.8	19.59	17.1	79.69	80.7	44.92	39.82	0	243.7	26.34	5.331	-0.011	12.74
7/28/2011 10:00	17655	15.3	166.9	11.13	22.47	9.5	170	17.94	17.1	83.9	85.8	40.51	34.56	0	444.6	26.38	5.319	-0.013	12.68
7/28/2011 11:00	17656	15.58	166.7	11.35	24.26	9.77	169.1	18.72	18.89	87.4	90	37.33	31.14	0	632.9	26.41	5.308	-0.01	13.81
7/28/2011 12:00	17657	13.82	159.5	14.96	22.47	8.85	162	21.67	17.1	91	94.3	32.9	26.59	0	809	26.43	5.283	-0.026	12.7
7/28/2011 13:00	17658	15.87	153.6	16.47	26.05	10.27	156.6	22.99	20.68	94.1	97.6	26.13	20.15	0	928	26.44	5.251	-0.032	14.92
7/28/2011 14:00	17659	16.75	150.8	15.35	27.84	10.59	153.8	22.09	22.47	95.4	99.4	25.85	19.53	0	985	26.44	5.216	-0.035	12.85
7/28/2011 15:00	17660	15.07	139.7	20.67	33.21	9.94	142.3	28.03	22.47	96.6	100.7	24.85	18.6	0	979	26.43	5.178	-0.038	12.58
7/28/2011 16:00	17661	12.74	147.7	24.04	24.26	8.29	151.6	31.84	18.89	97.6	101.3	24.43	18.38	0	842	26.42	5.143	-0.035	12.63
7/28/2011 17:00	17662	13.39	145.8	21.05	24.26	8.72	148.1	28.08	18.89	97.9	101	23	17.33	0	670.8	26.41	5.105	-0.038	12.72
7/28/2011 18:00	17663	13.09	146.4	23.1	24.26	8.52	148.6	29.34	18.89	98.4	101.3	22.01	16.49	0	668	26.39	5.064	-0.041	12.66
7/28/2011 19:00	17664	12.66	139.6	17.62	24.26	8.09	144.5	25.32	17.1	97.6	99.9	22.56	17.38	0	441.2	26.38	5.017	-0.047	12.69
7/28/2011 20:00	17665	12.26	136.7	17.49	20.68	7.64	140	24.66	15.31	96.7	97.6	23.27	18.85	0	227.3	26.37	4.985	-0.032	12.74
7/28/2011 21:00	17666	8.82	131.7	9.67	15.31	5.258	134.2	19.48	11.74	94.2	94	25.37	21.62	0	46.23	26.38	4.957	-0.029	12.82
7/28/2011 22:00	17667	8.74	115	9.39	18.89	4.825	113.8	18.6	15.31	89.9	88.7	29.22	25.88	0	0.116	26.38	4.944	-0.012	12.78
7/28/2011 23:00	17668	10.34	113.9	8.46	15.31	6.128	113.4	20.04	13.52	87.6	87	34.06	30.19	0	0.028	26.4	4.929	-0.015	13.44
7/29/2011 0:00	17669	11.04	125.3	9.94	18.89	6.563	127.2	20.06	13.52	85.8	85.1	36.29	32.43	0	0.03	26.4	4.916	-0.013	13.95
7/29/2011 1:00	17670	11.84	153.1	11.41	29.63	7.027	156.2	17.27	15.31	84	83.5	41.35	37.29	0	0.027	26.4	4.9	-0.016	14.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/29/2011 2:00	17671	8.1	171.3	11.38	11.74	4.348	172.1	16.24	8.16	81.6	80.8	45.84	42.26	0	0.02	26.4	4.891	-0.01	15.21
7/29/2011 3:00	17672	6.671	177.8	7.684	11.74	3.421	179	14.32	8.16	79.93	78.8	49.17	45.95	0	0.015	26.4	4.881	-0.01	12.72
7/29/2011 4:00	17673	5.059	166	9.22	8.16	1.665	162	14.73	6.368	78.5	76.91	52.16	49.57	0	0.012	26.39	4.875	-0.006	12.93
7/29/2011 5:00	17674	6.756	147	4.837	9.95	2.767	132.4	17.03	6.368	77.28	74.83	54.98	53.35	0	0.009	26.38	4.872	-0.003	15.36
7/29/2011 6:00	17675	3.841	102.6	15.74	6.368	1.663	77.02	13.32	4.578	76.87	74.87	56.33	54.21	0	0.008	26.39	4.869	-0.003	12.86
7/29/2011 7:00	17676	4.285	63.94	33.09	8.16	2.313	62.59	19.79	6.368	76.56	74.76	55.7	53.37	0	0.314	26.41	4.866	-0.003	13.33
7/29/2011 8:00	17677	4.688	50.67	20.84	8.16	2.512	51.13	22.09	6.368	75.4	74.74	56.94	53.16	0	48.55	26.42	4.863	-0.003	14.34
7/29/2011 9:00	17678	4.212	53.45	19.02	8.16	2.65	49.59	21.79	6.368	79.71	80.4	51.55	46.37	0	186.5	26.45	4.859	-0.004	12.93
7/29/2011 10:00	17679	6.846	151	25.15	13.52	4.898	154.1	31.71	11.74	81.7	83.6	51.06	44.94	0	392.3	26.48	4.856	-0.003	12.78
7/29/2011 11:00	17680	7.511	154.5	33.1	15.31	5.292	157.4	36.68	11.74	84.8	87.7	49.6	42.59	0	618.4	26.5	4.852	-0.004	12.75
7/29/2011 12:00	17681	4.771	110.3	47.71	11.74	3.597	105.2	57.15	11.74	90.3	92.9	41.02	34.96	0	790.2	26.54	4.842	-0.01	12.68
7/29/2011 13:00	17682	9.34	100.6	35.8	20.68	6.533	100.6	43.41	17.1	92.5	96.2	34.09	27.6	0	960	26.55	4.826	-0.016	13.43
7/29/2011 14:00	17683	13.61	124.9	19.92	26.05	9.07	128.9	28.99	20.68	94	98.4	30.7	23.92	0	1057	26.54	4.791	-0.035	12.78
7/29/2011 15:00	17684	12.3	122.5	20.73	22.47	7.961	124.6	28.21	17.1	92.7	95.5	32.46	26.62	0	404.8	26.52	4.757	-0.034	12.74
7/29/2011 16:00	17685	12.53	103.9	42.32	29.63	8.21	104	47.88	18.89	93	95.2	31.44	25.91	0	494.1	26.48	4.722	-0.035	15.24
7/29/2011 17:00	17686	10.32	131.5	27.23	22.47	6.961	131.1	33.01	17.1	94.3	96.3	29.71	24.44	0	461.7	26.46	4.668	-0.054	12.77
7/29/2011 18:00	17687	11.74	27.37	44.74	24.26	8.47	25.36	48.06	18.89	88.6	89.6	39.25	34.23	0	176.3	26.45	4.64	-0.028	12.69
7/29/2011 19:00	17688	10.66	126.2	18.93	27.84	6.694	126.2	29.26	17.1	85.4	85.7	45.54	41.09	0	81.1	26.43	4.628	-0.012	15.43
7/29/2011 20:00	17689	15.29	128.1	9.61	24.26	9.19	130.1	18.97	18.89	88.7	89.1	38.82	34.68	0	99	26.41	4.608	-0.019	15.53
7/29/2011 21:00	17690	11.25	123.1	8.5	20.68	6.77	124.1	18.79	15.31	87	86.7	39.14	35.36	0	17.06	26.43	4.59	-0.019	14.78
7/29/2011 22:00	17691	7.916	114.3	8.7	11.74	4.507	112.7	18.58	8.16	84.5	83.4	41.3	38.27	0	0.113	26.44	4.58	-0.009	12.95
7/29/2011 23:00	17692	7.934	98.5	10.19	11.74	4.702	95.7	17.38	8.16	82.5	81.6	42.85	39.59	0	0.024	26.44	4.571	-0.01	12.8
7/30/2011 0:00	17693	7.85	83.6	7.695	13.52	4.387	77.99	15.98	8.16	81.1	80.3	46.48	43.07	0	0.034	26.45	4.558	-0.013	12.91
7/30/2011 1:00	17694	6.956	73.23	9.75	13.52	3.865	68.88	14.17	6.368	79.94	78.57	49.08	46.26	0	0.026	26.45	4.548	-0.01	12.87
7/30/2011 2:00	17695	7.462	68.28	8.01	9.95	4.438	66.78	14.74	8.16	78.79	78.09	52.05	48.59	0	0.024	26.45	4.542	-0.006	12.91
7/30/2011 3:00	17696	4.835	120.3	40.53	11.74	2.584	93.1	44.69	9.95	77.25	76.03	54.05	51.24	0	0.021	26.45	4.539	-0.003	14.56
7/30/2011 4:00	17697	5.132	134.3	24.18	8.16	1.99	93.5	13.64	4.578	76.02	73.6	56.68	55.02	0	0.01	26.44	4.533	-0.006	13.01
7/30/2011 5:00	17698	4.457	207.7	18.25	8.16	1.281	228.4	24.76	4.578	75.31	72.81	55.61	55.43	0	0.003	26.43	4.533	0.001	13.02
7/30/2011 6:00	17699	3.119	258.1	30.2	6.368	0.543	245.4	24.02	4.578	74.84	72.32	54.99	54.46	0	0.002	26.43	4.531	-0.003	12.91
7/30/2011 7:00	17700	3.363	20.82	9.62	8.16	2.378	44.24	21.41	6.368	73.61	71.74	59.04	56.86	0	0.274	26.44	4.521	-0.009	13.08
7/30/2011 8:00	17701	4.726	36.46	18.98	9.95	2.984	43.31	22.35	8.16	72.65	72.02	61.56	58.43	0	20.76	26.46	4.521	0	12.94
7/30/2011 9:00	17702	6.509	144.7	36.8	13.52	4.075	149.5	36.19	11.74	78.47	79.09	51.88	47.82	0	214.7	26.49	4.514	-0.007	12.91
7/30/2011 10:00	17703	9.99	187.3	12.86	15.31	6.932	190.7	18.85	13.52	81.1	83.3	56.55	49.66	0	428.8	26.53	4.507	-0.006	15.65
7/30/2011 11:00	17704	8.36	178.7	19.95	15.31	6.051	182.2	24.71	11.74	84.7	87.2	53.37	46.49	0	626.2	26.56	4.497	-0.01	12.7
7/30/2011 12:00	17705	6.089	158.8	53.82	13.52	4.602	164.2	63.74	9.95	89.1	91.5	43.31	37.17	0	753.2	26.58	4.487	-0.01	15.44
7/30/2011 13:00	17706	8.3	112.9	35.54	18.89	6.051	111.6	44.16	15.31	91.8	95.1	37.33	31.08	0	877	26.6	4.465	-0.023	12.76
7/30/2011 14:00	17707	9.03	109.9	27.95	20.68	6.386	109.6	35.9	15.31	92.4	95.6	35.66	29.53	0	688.9	26.58	4.443	-0.022	12.71
7/30/2011 15:00	17708	11.41	102	21.23	22.47	7.894	101.3	30.45	18.89	93.2	96	33.46	27.63	0	671.9	26.56	4.405	-0.038	12.68
7/30/2011 16:00	17709	12.25	112.2	21.41	24.26	8.37	110.5	29.03	20.68	94.6	97.9	32.05	26.01	0	742.6	26.53	4.376	-0.029	12.82
7/30/2011 17:00	17710	14.39	120.5	16.74	29.63	9.32	121	25.23	20.68	93.6	95.7	32.92	27.63	0	334.3	26.51	4.342	-0.035	14.94
7/30/2011 18:00	17711	15.26	142.3	9.83	31.42	9.43	145.7	17.93	18.89	90	90.6	40.03	35.41	0	91.4	26.49	4.316	-0.025	13.24
7/30/2011 19:00	17712	8.42	174.6	66.43	18.89	5.856	179.9	68.08	15.31	89.1	89.7	43.37	38.72	0	155.2	26.47	4.297	-0.019	12.67
7/30/2011 20:00	17713	13.63	127.3	14.3	24.26	8.54	129.5	23.16	18.89	92.1	92.6	33.13	29.12	0	196.9	26.46	4.278	-0.019	12.77
7/30/2011 21:00	17714	12.14	124.1	10.46	20.68	7.413	126.3	20.28	15.31	90.4	90.2	35.8	32.05	0	40.82	26.47	4.263	-0.016	12.82
7/30/2011 22:00	17715	11.41	134.8	19.32	26.05	6.79	136.1	25.61	18.89	87.2	86.6	41.46	37.88	0	0.121	26.48	4.247	-0.015	12.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/30/2011 23:00	17716	13.78	167.6	8.91	24.26	8.32	169.8	16.75	20.68	83.7	83.5	54.41	50.2	0	0.031	26.51	4.235	-0.013	12.83
7/31/2011 0:00	17717	12.79	170.4	9.92	22.47	7.742	173.7	16.96	15.31	80.6	80.4	62.27	57.92	0	0.032	26.52	4.212	-0.022	15.52
7/31/2011 1:00	17718	11.31	165.3	8.79	18.89	6.717	167.1	16.12	13.52	79.13	78.86	65.75	61.49	0	0.029	26.52	4.206	-0.006	14.41
7/31/2011 2:00	17719	9.5	172.7	8.85	15.31	5.596	175	16.53	11.74	77.82	77.42	66.67	62.67	0	0.018	26.52	4.197	-0.01	12.98
7/31/2011 3:00	17720	8	169.9	8.55	13.52	4.575	171.2	16.17	9.95	76.58	76.15	67.78	63.73	0	0.019	26.52	4.193	-0.003	12.82
7/31/2011 4:00	17721	7.014	172.7	8.29	13.52	3.814	174.6	15.95	9.95	75.13	74.57	70.68	66.75	0	0.021	26.51	4.187	-0.006	12.95
7/31/2011 5:00	17722	8.57	174.7	8.39	13.52	4.789	176	16.24	9.95	74.44	73.93	72.04	68.01	0	0.017	26.51	4.184	-0.003	12.82
7/31/2011 6:00	17723	6.149	171.5	9.4	9.95	3.048	172.2	15.24	8.16	73.24	72.49	74.62	70.82	0	0.014	26.5	4.181	-0.003	12.88
7/31/2011 7:00	17724	5.064	142.5	17.25	8.16	1.848	115.4	17.27	4.578	71.86	70.3	77.47	74.81	0	0.287	26.5	4.179	-0.003	12.89
7/31/2011 8:00	17725	7.288	131.1	13.25	13.52	4.147	128	24.12	9.95	72.26	71.58	77.32	73.39	0	50.38	26.51	4.175	-0.003	12.86
7/31/2011 9:00	17726	12.32	159.1	11.98	24.26	7.599	161.7	18.42	17.1	76.24	77.33	70.96	64.8	0	218.3	26.54	4.168	-0.007	15.19
7/31/2011 10:00	17727	15.57	172	11.57	22.47	9.78	174.4	18.42	18.89	78.97	81	64.75	57.63	0	427.5	26.57	4.162	-0.006	12.87
7/31/2011 11:00	17728	14.09	174.9	14.69	22.47	9.04	177	20.56	18.89	81.9	84.7	58.25	50.68	0	616.3	26.59	4.152	-0.01	14.93
7/31/2011 12:00	17729	12.56	175	20.58	22.47	8.44	178.8	25.4	17.1	85.2	88.5	51.97	44.3	0	809	26.61	4.132	-0.019	13
7/31/2011 13:00	17730	12.45	175.3	19.34	22.47	8.38	179	24.39	17.1	87.1	90.3	46.52	39.39	0	702.8	26.62	4.107	-0.025	12.8
7/31/2011 14:00	17731	12.64	157.9	19.53	26.05	8.53	159.4	27.29	18.89	89.6	93.2	41.34	34.42	0	928	26.61	4.082	-0.025	14.27
7/31/2011 15:00	17732	12.56	148.6	24.31	22.47	8.47	151.1	31.51	17.1	91.4	95.1	37.53	30.79	0	878	26.61	4.053	-0.029	12.78
7/31/2011 16:00	17733	12.51	151.7	26.92	24.26	8.42	154.3	33.2	17.1	93.1	96.7	33.79	27.3	0	903	26.59	4.015	-0.038	12.8
7/31/2011 17:00	17734	13.89	158.1	18.41	24.26	9.08	161.9	23.78	18.89	94.1	97.6	30.71	24.48	0	798.8	26.58	3.974	-0.041	12.74
7/31/2011 18:00	17735	13.61	150.6	19.46	24.26	8.85	153.9	25.59	18.89	94.2	97	27.22	21.71	0	655.5	26.56	3.933	-0.041	12.87
7/31/2011 19:00	17736	13.56	144.7	18.08	27.84	8.65	148.1	24.67	22.47	94.1	96.4	25.01	19.87	0	457.5	26.54	3.892	-0.041	12.73
7/31/2011 20:00	17737	13.99	150.1	12.76	22.47	8.62	153.9	19.74	18.89	93.1	94	24.92	20.63	0	231.6	26.52	3.86	-0.032	13.18
7/31/2011 21:00	17738	11.69	152.1	10.85	18.89	7.031	155.4	17.4	15.31	90.7	90.4	26.36	22.71	0	43.37	26.51	3.835	-0.025	12.77
7/31/2011 22:00	17739	7.291	143	7.921	13.52	3.52	136.2	17.08	8.16	86.2	84.2	30.32	28.09	0	0.085	26.5	3.823	-0.012	12.81
7/31/2011 23:00	17740	6.253	144.1	5.208	8.16	2.465	111.7	12.28	4.578	82.8	79.03	33.49	32.9	0	0.01	26.51	3.816	-0.006	12.81
8/1/2011 0:00	17741	7.637	148.6	5.462	11.74	3.156	134.2	14.64	6.368	80.2	76.96	36.24	35.25	0	0.009	26.51	3.81	-0.006	12.88
8/1/2011 1:00	17742	7.741	161.3	6.342	18.89	3.599	156.4	14.78	8.16	77.88	75.66	39.96	37.85	0	0.009	26.51	3.801	-0.009	13.32
8/1/2011 2:00	17743	7.592	169.5	8.97	11.74	3.684	167.9	15.32	8.16	76.18	74.7	44.08	41.3	0	0.013	26.51	3.794	-0.006	15.46
8/1/2011 3:00	17744	7.339	173.9	7.407	11.74	3.426	173.9	14.74	8.16	73.5	72	50.55	47.65	0	0.005	26.5	3.789	-0.006	13.17
8/1/2011 4:00	17745	4.934	179.6	18.62	8.16	1.393	149.8	30.1	4.578	72.09	69.17	55.69	54.01	0	0.003	26.48	3.786	-0.003	13.57
8/1/2011 5:00	17746	2.504	154.9	10.97	6.368	0.522	89.7	6.097	2.789	70.55	68.18	58.46	56.13	0	0.001	26.47	3.786	0	12.96
8/1/2011 6:00	17747	3.039	154.9	14.38	6.368	0.879	90.5	8.49	4.578	70.41	68.42	60.75	58.55	0	0.001	26.46	3.783	-0.003	12.88
8/1/2011 7:00	17748	4.62	147.3	6.759	8.16	1.193	98.7	9.41	4.578	69.94	67.03	64.08	63.16	0	0.236	26.46	3.78	-0.003	12.83
8/1/2011 8:00	17749	5.79	150.2	6.87	9.95	1.91	134.8	13.08	6.368	70.57	68.19	65.27	63.64	0	55.27	26.46	3.78	0	13.13
8/1/2011 9:00	17750	9.92	170.9	12.82	20.68	6.285	173	19.05	13.52	76.65	77.66	58.23	52.72	0	242.1	26.5	3.769	-0.011	12.79
8/1/2011 10:00	17751	14.89	182.4	11.25	22.47	9.48	185.4	17.78	17.1	81.7	83.6	50.54	44.53	0	447.3	26.54	3.766	-0.003	12.83
8/1/2011 11:00	17752	12.55	180.1	17.77	20.68	8.39	183.2	22.96	18.89	85.5	87.9	44.44	38.2	0	637.8	26.56	3.752	-0.013	15.01
8/1/2011 12:00	17753	12.18	172.8	15.62	20.68	8.24	175.2	21.44	17.1	87.9	90.9	39.19	32.78	0	814	26.58	3.733	-0.019	15.47
8/1/2011 13:00	17754	11.54	183.1	21.49	20.68	8.03	187.4	26.58	17.1	91.1	94.3	31.09	25.07	0	936	26.58	3.698	-0.035	12.87
8/1/2011 14:00	17755	11.43	166.6	26.92	24.26	7.884	169.3	32.25	15.31	93.4	97.1	25.73	19.82	0	995	26.56	3.651	-0.047	13.75
8/1/2011 15:00	17756	11.8	167.3	24.32	22.47	8.08	170.7	29.7	18.89	95.5	99.1	23.02	17.31	0	993	26.55	3.616	-0.035	12.69
8/1/2011 16:00	17757	11.62	163.9	37.12	24.26	7.969	166.9	42.24	17.1	96.5	99.9	21.26	15.71	0	931	26.53	3.565	-0.051	12.95
8/1/2011 17:00	17758	11.61	176	30.52	26.05	8.11	180.4	34.6	18.89	97.2	100.3	19.53	14.17	0	808	26.51	3.518	-0.047	12.7
8/1/2011 18:00	17759	10.42	170.8	28.34	29.63	7.291	173.9	34.24	33.21	97.8	100.1	20.08	15.09	0	636.9	26.49	3.48	-0.038	12.91
8/1/2011 19:00	17760	11.27	177.6	26.08	24.26	7.583	180.3	29.86	18.89	97.2	99.2	20.11	15.19	0	438.7	26.48	3.445	-0.035	12.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/1/2011 20:00	17761	9.36	179.4	19.61	17.1	6.318	183.9	24.83	13.52	96.4	97.2	21.66	17.41	0	230.5	26.47	3.416	-0.028	12.93
8/1/2011 21:00	17762	8.69	169.8	18.36	13.52	5.21	171.6	23.81	9.95	93.7	93.4	24.75	21.16	0	44.97	26.45	3.394	-0.022	13.91
8/1/2011 22:00	17763	6.986	134.4	9.41	9.95	3.149	123.7	17.78	6.368	87.9	85.6	29.46	27.36	0	0.078	26.44	3.385	-0.009	12.67
8/1/2011 23:00	17764	7.965	130.4	5.965	11.74	3.777	122.6	15.16	8.16	84.9	82.5	32.99	30.92	0	0.018	26.43	3.373	-0.013	15.61
8/2/2011 0:00	17765	8.46	138.1	7.064	11.74	4.355	135.5	17.16	8.16	83.7	82	34.98	32.37	0	0.016	26.43	3.363	-0.01	13.69
8/2/2011 1:00	17766	7.536	146.2	6.042	15.31	3.625	142.2	14.93	8.16	81.7	79.92	38.15	35.71	0	0.018	26.43	3.354	-0.01	14.81
8/2/2011 2:00	17767	7.242	158	8.86	9.95	3.29	154	15.92	6.368	79.19	77.09	41.38	39.31	0	0.011	26.42	3.347	-0.006	13.01
8/2/2011 3:00	17768	8.7	173.2	7.957	13.52	4.677	174.9	16.17	9.95	79.46	77.99	40.32	37.65	0	0.009	26.41	3.341	-0.006	12.87
8/2/2011 4:00	17769	6.463	177.5	7.257	11.74	2.93	178.6	13.03	8.16	77.82	76.41	41.54	38.83	0	0.013	26.4	3.334	-0.006	13.04
8/2/2011 5:00	17770	3.795	169.9	9.72	6.368	0.253	110.5	5.264	2.789	74.74	72.69	44.97	43.12	0	0.008	26.38	3.329	-0.006	13.02
8/2/2011 6:00	17771	5.952	150.6	7.026	8.16	2.211	121.5	16.42	4.578	73.63	70.73	46.15	45.32	0	0.004	26.37	3.329	0	12.86
8/2/2011 7:00	17772	5.777	153.7	6.692	8.16	1.892	137	12.56	4.578	73.05	70.41	47.76	46.64	0	0.219	26.37	3.326	-0.003	12.83
8/2/2011 8:00	17773	5.567	157.8	9.13	8.16	2.155	150.9	17.39	6.368	74.34	72.5	47.79	45.74	0	52.71	26.37	3.323	-0.003	13.32
8/2/2011 9:00	17774	9.68	170	10.28	20.68	6.085	172.6	18.01	15.31	80.1	81	42.78	38.05	0	232.7	26.41	3.312	-0.011	12.75
8/2/2011 10:00	17775	14.56	176.7	10.76	20.68	9.17	180	17.22	17.1	85.6	87.4	36.72	31.45	0	436	26.44	3.303	-0.01	15.36
8/2/2011 11:00	17776	13.25	183.4	13.67	20.68	8.77	186.2	19.22	15.31	89.9	92.2	32.06	26.57	0	611.7	26.47	3.286	-0.016	12.78
8/2/2011 12:00	17777	12.46	179.3	15.53	20.68	8.41	184.1	21.17	17.1	93.7	96.7	27.08	21.52	0	799	26.49	3.261	-0.025	12.72
8/2/2011 13:00	17778	11.77	164.8	24.18	27.84	7.939	168	30.07	20.68	96	99.6	24.66	18.88	0	924	26.49	3.223	-0.038	13.28
8/2/2011 14:00	17779	8.6	131.8	41.8	20.68	6.149	133.1	50.4	15.31	98.8	102.6	21.2	15.65	0	984	26.48	3.198	-0.025	12.74
8/2/2011 15:00	17780	9.69	140.8	34.09	20.68	6.72	143.5	40.78	15.31	100.4	104.3	19.24	13.72	0	989	26.47	3.163	-0.035	12.62
8/2/2011 16:00	17781	8.37	141.8	47.17	18.89	6.025	147.1	52.53	15.31	101.4	104.8	17.75	12.45	0	931	26.46	3.122	-0.041	14.12
8/2/2011 17:00	17782	9.2	159.7	41.77	20.68	6.411	164.7	48.77	15.31	101.4	104.3	17.15	12.08	0	783.6	26.44	3.093	-0.029	12.66
8/2/2011 18:00	17783	9.84	139.7	27.68	18.89	6.647	143.4	34	15.31	100.5	102.7	16.41	11.66	0	491.9	26.41	3.055	-0.038	12.66
8/2/2011 19:00	17784	11.27	140	23.75	24.26	7.345	142.7	30.7	15.31	100.1	102.3	15.36	10.64	0	433.3	26.4	3.02	-0.035	12.69
8/2/2011 20:00	17785	11.15	129.7	14.97	20.68	7.033	132.2	23.15	15.31	99.2	100	15.35	11.28	0	230.8	26.39	2.985	-0.035	14.77
8/2/2011 21:00	17786	8.83	133.1	10.38	15.31	4.984	134.8	18.66	11.74	95.7	95	18.26	14.82	0	42.76	26.38	2.941	-0.044	12.95
8/2/2011 22:00	17787	8.09	125.1	6.157	11.74	4.045	123	16.33	8.16	89.9	88.1	22.97	20.13	0	0.067	26.38	2.929	-0.012	15.33
8/2/2011 23:00	17788	7.84	133.6	6.93	9.95	3.51	126.1	16.93	6.368	86.8	84.3	27.02	24.76	0	0.019	26.38	2.919	-0.009	12.98
8/3/2011 0:00	17789	8.3	142.9	8.87	11.74	3.987	139.7	17.99	6.368	84.9	82.6	29.48	27.13	0	0.018	26.37	2.913	-0.006	12.89
8/3/2011 1:00	17790	5.357	164	14.67	13.52	1.769	159.9	26.39	6.368	81.8	79.58	33.53	31.16	0	0.021	26.36	2.907	-0.006	12.84
8/3/2011 2:00	17791	7.882	176.5	16.93	15.31	3.821	175.8	20.99	9.95	80.7	78.58	38.22	35.65	0	0.007	26.35	2.9	-0.006	12.9
8/3/2011 3:00	17792	8.77	182.7	8.12	15.31	4.921	184.4	15.41	9.95	82	80.9	41.6	38.32	0	0.017	26.36	2.891	-0.01	12.87
8/3/2011 4:00	17793	5.471	169.2	8.47	8.16	1.627	168.6	13.85	4.578	78.36	76.25	46.55	44.6	0	0.013	26.36	2.884	-0.006	12.68
8/3/2011 5:00	17794	6.243	163.7	17.88	9.95	2.489	153	24.58	6.368	76.62	74.24	51.02	49.28	0	0.007	26.35	2.882	-0.003	12.79
8/3/2011 6:00	17795	4.835	225.2	37.13	9.95	2.31	242	51.09	6.368	75.85	73.82	52.73	50.8	0	0.008	26.35	2.882	0	12.88
8/3/2011 7:00	17796	2.164	204.8	23.78	8.16	0.634	214.3	27	6.368	76.29	74.29	53.5	51.28	0	0.156	26.37	2.879	-0.003	14.86
8/3/2011 8:00	17797	4.788	351.4	26.69	9.95	3.294	359.4	29.81	8.16	76.95	75.45	53.24	50.36	0	14.47	26.39	2.875	-0.003	12.8
8/3/2011 9:00	17798	5.52	38.61	21.54	13.52	3.91	46.83	30.57	11.74	78.11	77.3	51.87	48.97	0	141.9	26.4	2.865	-0.01	12.79
8/3/2011 10:00	17799	3.613	79.38	67.42	9.95	2.579	73.71	65.85	8.16	84.5	85.7	43.86	38.85	0	307.2	26.44	2.865	0	14.27
8/3/2011 11:00	17800	3.564	299.2	52.89	8.16	3.161	301.1	52.45	8.16	90.2	90.9	37.16	32.35	0	563.8	26.47	2.862	-0.004	12.72
8/3/2011 12:00	17801	7.098	130.8	38.12	15.31	5.214	132.1	46.37	11.74	93.1	96.1	33.12	27.53	0	777	26.5	2.849	-0.013	12.88
8/3/2011 13:00	17802	12.15	135.7	21.23	31.42	8.11	137.7	28.66	22.47	93.8	97.6	32.16	25.78	0	897	26.5	2.82	-0.028	12.8
8/3/2011 14:00	17803	13.88	139	23.37	31.42	9.3	141.4	30.85	33.21	95.7	99.6	30	23.65	0	966	26.48	2.77	-0.051	13.94
8/3/2011 15:00	17804	13.82	137.3	22.83	29.63	9.14	139.8	30.1	20.68	96.9	100.9	28.16	21.92	0	923	26.45	2.732	-0.038	12.71
8/3/2011 16:00	17805	12.12	137.9	22.74	24.26	8.2	141.5	31.43	20.68	98.3	102.1	25.71	19.82	0	877	26.43	2.687	-0.044	12.71

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/3/2011 17:00	17806	11.93	126.5	28.48	36.78	7.994	128.9	37.42	26.05	99.1	102.4	23.17	17.7	0	703.9	26.41	2.637	-0.051	12.76
8/3/2011 18:00	17807	11.63	141.5	22.2	24.26	7.724	144.6	28.71	18.89	98.9	101.5	22.69	17.53	0	580	26.39	2.608	-0.029	12.86
8/3/2011 19:00	17808	12.74	136	20.27	26.05	8.14	138.7	27.99	20.68	98.3	100.5	22.7	17.69	0	403.7	26.37	2.573	-0.035	12.69
8/3/2011 20:00	17809	11.85	144.1	15.3	20.68	7.339	146.6	21.52	15.31	97	97.8	23.38	19.17	0	166.4	26.36	2.548	-0.025	13.99
8/3/2011 21:00	17810	9.5	151.9	9.56	15.31	5.538	154.7	16.55	11.74	94.7	94.3	25.68	22.06	0	34.61	26.35	2.526	-0.022	12.71
8/3/2011 22:00	17811	6.528	127.6	10.69	9.95	2.993	114.4	20.83	6.368	89.9	87.8	30.07	27.62	0	0.069	26.35	2.517	-0.009	14.09
8/3/2011 23:00	17812	6.826	131.8	8.34	9.95	3.002	120.1	15.56	4.578	87	84.7	34.29	32.12	0	0.019	26.35	2.51	-0.006	12.74
8/4/2011 0:00	17813	6.318	138.5	5.918	8.16	2.288	109.2	10.2	4.578	85.5	82	37.1	36.16	0	0.019	26.35	2.507	-0.003	12.8
8/4/2011 1:00	17814	6.005	147.3	4.682	8.16	2.069	111	9.91	4.578	84	80.2	39.09	38.58	0	0.013	26.35	2.504	-0.003	12.82
8/4/2011 2:00	17815	3.838	193.8	25.6	8.16	0.39	148.4	6.976	2.789	81.7	79.26	41.93	40.09	0	0.011	26.35	2.501	-0.003	12.85
8/4/2011 3:00	17816	4.606	204.6	14.01	8.16	1.106	179.4	9.4	4.578	81.1	78.33	43.48	41.96	0	0.008	26.35	2.495	-0.006	12.95
8/4/2011 4:00	17817	4.661	184	7.61	6.368	0.55	153.1	6.666	2.789	78.92	76.19	47.07	45.91	0	0.008	26.35	2.495	0	13.04
8/4/2011 5:00	17818	5.21	191.1	7.898	9.95	1.883	184.4	11.11	6.368	78.82	76.66	49.24	47.38	0	0.008	26.35	2.491	-0.003	13.19
8/4/2011 6:00	17819	0.66	197.9	24.02	4.578	0.284	337.2	11.68	2.789	77.54	75.68	51.06	48.67	0	0.005	26.35	2.492	0	12.9
8/4/2011 7:00	17820	2.126	130.1	19.93	4.578	1.659	71.25	29.31	4.578	76.61	74.39	52.18	49.96	0	0.103	26.35	2.488	-0.003	12.86
8/4/2011 8:00	17821	4.903	95.5	53.27	15.31	3.469	61.24	43.1	15.31	77.76	75.43	51.76	49.46	0	42.92	26.36	2.485	-0.003	14.54
8/4/2011 9:00	17822	6.529	22.46	21.71	13.52	4.638	24.21	19.26	11.74	82.8	83.3	45.82	40.94	0	216.4	26.4	2.482	-0.003	14.59
8/4/2011 10:00	17823	4.863	62.22	43.98	11.74	3.574	53.97	45.72	8.16	86.2	88.1	41.21	35.72	0	421.5	26.43	2.482	0	12.74
8/4/2011 11:00	17824	4.343	121	62.66	11.74	3.346	117.2	67.38	9.95	90.7	92.8	36.11	30.81	0	611.8	26.46	2.475	-0.007	12.66
8/4/2011 12:00	17825	6.533	171.6	40.53	13.52	4.828	174.6	44.97	11.74	93	95.7	33.57	27.79	0	788.1	26.48	2.446	-0.029	12.56
8/4/2011 13:00	17826	9.76	149.7	25.31	22.47	6.799	152.8	32.28	15.31	94.5	98.1	32.53	26.28	0	912	26.49	2.418	-0.028	13.86
8/4/2011 14:00	17827	9.1	132.6	39.45	20.68	6.477	136.1	49.59	17.1	96.7	100.5	29.06	22.94	0	991	26.47	2.389	-0.029	12.78
8/4/2011 15:00	17828	8.62	142	36.79	20.68	6.057	142.1	47.67	15.31	98.2	101.4	25.99	20.39	0	729.2	26.46	2.358	-0.032	14.25
8/4/2011 16:00	17829	9.74	160.5	39.14	20.68	6.872	161.3	45.03	15.31	99.2	102.4	24.37	18.76	0	878	26.44	2.326	-0.032	12.75
8/4/2011 17:00	17830	9.85	153.8	36.48	18.89	6.643	158.4	42.16	15.31	98.3	101.1	23.46	18.12	0	567.9	26.42	2.288	-0.038	12.73
8/4/2011 18:00	17831	9.5	156	35.82	20.68	6.564	157.5	40.47	17.1	99.2	101.5	22.14	17.1	0	575.4	26.4	2.26	-0.029	12.87
8/4/2011 19:00	17832	10.19	136	28.4	22.47	6.772	138.2	34.51	15.31	99	101.2	21.88	16.91	0	433.9	26.38	2.231	-0.029	12.69
8/4/2011 20:00	17833	9.33	154.7	23.98	17.1	6.06	158.8	29.67	11.74	98	99.1	22.24	17.91	0	215.5	26.38	2.19	-0.041	12.66
8/4/2011 21:00	17834	8.26	146.9	11.94	15.31	4.796	150.1	19.08	11.74	95.2	94.7	24.09	20.64	0	37.09	26.37	2.171	-0.019	12.7
8/4/2011 22:00	17835	6.666	136.2	6.511	9.95	2.886	129.7	13.77	6.368	90.5	88.4	28.88	26.54	0	0.073	26.36	2.162	-0.009	12.89
8/4/2011 23:00	17836	6.061	144.5	8.33	8.16	2.102	105.6	11.73	4.578	87.5	83.5	31.63	30.77	0	0.015	26.35	2.155	-0.006	12.8
8/5/2011 0:00	17837	7.484	141	15.07	9.95	3.345	126.8	27.57	6.368	85.9	82.6	33.45	32.23	0	0.012	26.35	2.152	-0.003	15.6
8/5/2011 1:00	17838	8.43	163.9	7.403	13.52	4.284	162.4	15.26	8.16	83.8	82.3	35.62	32.82	0	0.023	26.35	2.143	-0.01	12.8
8/5/2011 2:00	17839	5.834	190.2	13.97	9.95	2.583	192	17.9	6.368	81.8	79.9	37.55	35.25	0	0.016	26.36	2.14	-0.003	12.98
8/5/2011 3:00	17840	4.874	177.3	11.44	6.368	1.227	131.6	11.46	4.578	79.88	76.89	38.72	37.88	0	0.008	26.35	2.136	-0.003	12.85
8/5/2011 4:00	17841	4.361	178.1	11.31	6.368	0.666	145.7	12.57	2.789	78.77	76.27	39.54	37.94	0	0.005	26.34	2.133	-0.003	13.15
8/5/2011 5:00	17842	5.96	165	5.813	9.95	1.628	155	9.37	4.578	77.4	74.42	41.77	40.65	0	0.003	26.34	2.13	-0.003	12.97
8/5/2011 6:00	17843	5.76	169.8	7.984	9.95	1.69	166.2	11.29	4.578	76.35	74.13	43.36	41.57	0	0.004	26.34	2.127	-0.003	12.83
8/5/2011 7:00	17844	6.221	156.7	7.544	9.95	2.263	152.7	14.6	6.368	75.69	73.23	44.91	43.4	0	0.148	26.34	2.124	-0.003	15.6
8/5/2011 8:00	17845	8.08	157.4	7.838	13.52	4.216	158	16.12	9.95	76.81	75.59	45.44	42.48	0	46.45	26.35	9.34	7.215	15.48
8/5/2011 9:00	17846	11.96	166.8	9.59	18.89	7.223	169.3	17.23	15.31	82	82.8	41.56	36.82	0	226.8	26.38	9.34	-0.001	12.8
8/5/2011 10:00	17847	13.63	182.4	11.95	20.68	8.66	185.4	18.31	17.1	87.1	88.9	36.99	31.6	0	433.5	26.42	9.33	-0.007	12.75
8/5/2011 11:00	17848	11.98	182.3	14.42	18.89	8.03	184.8	19.85	17.1	90.9	93.2	33.03	27.44	0	627.8	26.44	9.31	-0.02	15.14
8/5/2011 12:00	17849	11.23	165.9	21.92	18.89	7.569	168.9	27.02	15.31	93.8	97	29.38	23.56	0	806	26.46	9.29	-0.02	12.82
8/5/2011 13:00	17850	12.31	155	17.54	22.47	8.24	157.3	24	17.1	95.7	99.4	25.71	19.83	0	929	26.47	9.26	-0.028	12.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/5/2011 14:00	17851	12.11	163.9	23.09	26.05	8.16	167.1	29.06	18.89	97.6	101.5	24	17.99	0	988	26.45	9.23	-0.032	12.69
8/5/2011 15:00	17852	12.07	153.4	27.27	24.26	8.19	155.7	34.28	18.89	99	103	21.53	15.7	0	988	26.44	9.2	-0.035	15.18
8/5/2011 16:00	17853	10.53	137.5	32.44	26.05	7.395	140.5	40.55	18.89	100	103.4	20.48	15.03	0	872	26.43	9.16	-0.035	12.76
8/5/2011 17:00	17854	10.48	155.5	30.92	22.47	7.272	157.9	38.48	18.89	101.4	104.6	18.43	13.14	0	800	26.41	9.12	-0.038	12.68
8/5/2011 18:00	17855	10.42	135.8	27.59	24.26	7.133	137.5	35.54	17.1	101.8	104.4	18.52	13.51	0	637.1	26.39	9.09	-0.038	14.75
8/5/2011 19:00	17856	11.71	151.6	27.15	22.47	7.603	154.5	31.47	17.1	100.6	102.9	19.63	14.61	0	438.4	26.38	9.04	-0.041	13.28
8/5/2011 20:00	17857	11.99	144.3	14.42	20.68	7.518	147.6	20.88	15.31	99.3	100.3	20.81	16.48	0	218.5	26.37	8.99	-0.054	12.71
8/5/2011 21:00	17858	10.2	147.2	10.9	18.89	6.039	149.8	17.73	13.52	96.1	95.6	22.99	19.36	0	24.75	26.36	8.96	-0.032	12.71
8/5/2011 22:00	17859	7.876	137.5	6.605	11.74	3.964	134.9	16.77	6.368	91.5	89.8	26.5	23.67	0	0.059	26.35	8.94	-0.018	12.87
8/5/2011 23:00	17860	7.863	140.7	7.093	9.95	3.974	138.7	16.65	8.16	88.9	86.9	29.07	26.49	0	0.025	26.35	8.92	-0.021	12.74
8/6/2011 0:00	17861	7.898	156.7	8.41	11.74	3.893	155.8	16.04	8.16	86.6	84.9	30.89	28.16	0	0.026	26.35	8.9	-0.022	15.48
8/6/2011 1:00	17862	7.821	181.1	8.75	15.31	4.103	182.9	16.75	9.95	85.1	83.8	33.23	30.17	0	0.031	26.36	8.88	-0.013	15.38
8/6/2011 2:00	17863	4.831	199.2	8.18	8.16	1.494	188.3	14.01	4.578	82.7	80.3	36.62	34.59	0	0.019	26.37	8.88	-0.01	14.09
8/6/2011 3:00	17864	4.767	207	8.43	6.368	1.507	202.6	12.89	4.578	81.2	78.39	39.22	37.44	0	0.017	26.36	8.87	-0.006	12.82
8/6/2011 4:00	17865	5.59	201.6	11.61	8.16	2.126	195.7	18.61	4.578	80.1	77.36	42.09	40.3	0	0.01	26.35	8.84	-0.025	13.53
8/6/2011 5:00	17866	5.448	188.6	18.21	8.16	1.767	171.6	23.14	4.578	78.76	76.07	45.05	43.59	0	0.008	26.34	8.83	-0.009	12.96
8/6/2011 6:00	17867	6.343	166.2	7.048	9.95	2.381	161.5	14.3	4.578	77.1	74.62	48.08	46.55	0	0.009	26.34	8.83	-0.002	12.86
8/6/2011 7:00	17868	6.342	174.7	12.67	9.95	2.757	176.1	19.11	6.368	75.69	73.73	50.56	48.5	0	0.146	26.34	8.83	-0.002	15.79
8/6/2011 8:00	17869	6.124	208.6	30.42	11.74	3.512	214.4	33.78	8.16	77.65	76.27	50.3	47.45	0	45.89	26.35	8.82	-0.011	12.99
8/6/2011 9:00	17870	11.81	187.3	10.79	20.68	7.457	189.3	17.41	15.31	81.3	82.1	49.17	44.01	0	225	26.39	8.81	-0.013	15.78
8/6/2011 10:00	17871	13.16	191.6	12.23	20.68	8.66	194.6	17.16	15.31	84.6	86.4	46.54	40.5	0	428.9	26.42	8.8	-0.003	12.83
8/6/2011 11:00	17872	12.12	192.1	14.35	20.68	8.37	194.8	18.61	15.31	87.7	90.1	43.64	37.19	0	619.3	26.44	8.79	-0.014	12.72
8/6/2011 12:00	17873	10.28	176.6	20.07	18.89	7.157	179	26.04	15.31	91.9	94.9	37.95	31.5	0	795.1	26.46	8.78	-0.013	15.49
8/6/2011 13:00	17874	10.85	155.9	24.73	20.68	7.394	158.5	31.83	17.1	94.9	98.5	30.64	24.45	0	918	26.47	8.76	-0.019	12.64
8/6/2011 14:00	17875	11.13	146.6	32.25	26.05	7.578	149.4	39.23	24.26	97.8	101.8	23.9	18.03	0	981	26.46	8.73	-0.026	12.87
8/6/2011 15:00	17876	9.87	133.9	33.2	26.05	6.991	134.6	41.84	20.68	99.5	103.1	21.8	16.23	0	975	26.45	8.7	-0.032	12.67
8/6/2011 16:00	17877	7.77	155.9	50.97	17.1	5.707	157.1	55.08	13.52	101.5	104.7	20.01	14.63	0	911	26.43	8.67	-0.031	12.72
8/6/2011 17:00	17878	6.604	71.15	68.07	20.68	5.061	69.13	72.65	15.31	102.1	104.2	19.31	14.41	0	785.8	26.42	8.64	-0.029	14.13
8/6/2011 18:00	17879	7.858	130.4	70.04	17.1	5.701	128.3	77.99	18.89	101.8	103.8	19.81	14.88	0	616.2	26.39	8.61	-0.032	12.75
8/6/2011 19:00	17880	5.752	85.7	59.55	13.52	4.33	89.8	61.18	11.74	101.8	103.3	19.24	14.64	0	414.3	26.38	8.58	-0.029	12.71
8/6/2011 20:00	17881	5.571	135.2	17.63	13.52	3.443	132.1	23.87	9.95	99	99.5	20.99	17.08	0	114	26.37	8.55	-0.025	12.87
8/6/2011 21:00	17882	6.12	105.4	7.355	8.16	3.07	100.7	14.32	4.578	95.1	93.3	23.61	21.04	0	16.3	26.36	8.53	-0.025	14.56
8/6/2011 22:00	17883	8.09	96	6.113	11.74	4.371	95.1	14.57	8.16	90.8	89.1	26.86	23.96	0	0.053	26.35	8.49	-0.037	12.73
8/6/2011 23:00	17884	8.1	110.3	8.65	11.74	4.598	106.4	17.92	8.16	88.6	87.4	30.21	26.93	0	0.031	26.36	8.47	-0.019	15.03
8/7/2011 0:00	17885	6.776	139.2	16.53	11.74	2.961	130.6	17.14	6.368	86.1	84.3	33.16	30.53	0	0.029	26.37	8.44	-0.029	12.92
8/7/2011 1:00	17886	7.956	155.2	12.48	13.52	3.841	146.6	22.64	8.16	84.6	82.4	36.71	34.23	0	0.015	26.36	8.43	-0.013	13.06
8/7/2011 2:00	17887	11.99	173.1	8.88	18.89	7.034	175.6	16.4	13.52	86.7	85.9	37.64	34.07	0	0.03	26.36	8.42	-0.013	12.8
8/7/2011 3:00	17888	11.26	177.8	8.94	20.68	6.626	180.7	16.32	15.31	84.4	83.8	41.71	37.93	0	0.034	26.36	8.41	-0.013	13
8/7/2011 4:00	17889	10.05	184.7	9.32	17.1	6.112	187	15.83	11.74	82.7	82	45.2	41.49	0	0.022	26.36	8.39	-0.016	14.6
8/7/2011 5:00	17890	7.53	188.3	7.895	13.52	4.07	188.5	14.26	8.16	80.7	79.74	48.81	45.53	0	0.021	26.36	8.38	-0.013	13.62
8/7/2011 6:00	17891	7.929	183.2	9.25	11.74	4.538	184.1	16.39	9.95	79.84	78.99	50.74	47.3	0	0.014	26.35	8.37	-0.01	12.7
8/7/2011 7:00	17892	8.72	171.1	8.24	13.52	4.969	172.5	16.25	9.95	79.71	78.99	51.42	47.86	0	0.11	26.36	8.36	-0.006	12.8
8/7/2011 8:00	17893	9	171.2	9.2	17.1	5.307	173.3	16.27	11.74	79.43	78.91	52.04	48.3	0	27.45	26.37	8.35	-0.01	12.73
8/7/2011 9:00	17894	12.22	177.6	9.75	22.47	7.646	180.5	16.7	17.1	81.2	81.8	49.89	44.99	0	183.2	26.39	8.34	-0.013	14.56
8/7/2011 10:00	17895	15.49	175.6	10.32	24.26	9.52	177.8	17.38	17.1	84.7	86.6	45.32	39.36	0	425	26.41	8.33	-0.01	14.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/7/2011 11:00	17896	13.56	174.3	14.67	22.47	8.79	177.5	21.17	17.1	89.4	91.9	38.2	32.24	0	613.1	26.43	8.32	-0.014	12.92
8/7/2011 12:00	17897	14.1	161.9	15.42	24.26	9.18	164.5	21.72	17.1	93.4	96.4	27.1	21.5	0	790	26.44	8.3	-0.016	12.75
8/7/2011 13:00	17898	11.29	171.5	23.85	20.68	7.727	175.8	28.25	17.1	95.9	99.3	23.89	18.21	0	911	26.45	8.27	-0.029	13.95
8/7/2011 14:00	17899	10.02	159.8	34.48	20.68	7.055	162.2	40.64	15.31	98	101.6	21.46	15.85	0	971	26.44	8.25	-0.022	15.7
8/7/2011 15:00	17900	9.45	148.5	32.82	18.89	6.66	153	40.59	15.31	99.7	103.4	20.43	14.84	0	970	26.42	8.22	-0.031	15.55
8/7/2011 16:00	17901	8.4	96.1	51.74	26.05	6.121	93	58.04	22.47	101.4	104.4	18.06	12.88	0	908	26.4	8.16	-0.054	12.79
8/7/2011 17:00	17902	7.906	140.5	41	17.1	5.731	140.7	51.6	13.52	102.2	105.1	15.93	10.89	0	788.8	26.38	8.14	-0.025	12.91
8/7/2011 18:00	17903	8.83	105.7	36.31	17.1	6.256	103.5	43.22	15.31	102.1	104.4	14.51	9.79	0	622	26.35	8.11	-0.032	12.61
8/7/2011 19:00	17904	8.25	122.2	39.26	15.31	5.667	122	46.61	11.74	101.1	102.9	14.72	10.11	0	384.4	26.34	8.07	-0.032	12.96
8/7/2011 20:00	17905	8.44	127.1	94.6	24.26	6.356	114.8	95.8	20.68	95.9	96.1	23.9	19.56	0	36.49	26.34	8.03	-0.041	12.78
8/7/2011 21:00	17906	9.9	263	27.23	20.68	7.778	262.4	29	17.1	87.1	87.4	42.31	37.47	0	4.947	26.34	7.981	-0.053	12.73
8/7/2011 22:00	17907	5.945	203.2	20.62	13.52	3.621	201.7	23.37	8.16	84.6	84.3	44.62	40.54	0	0.049	26.31	7.969	-0.012	12.77
8/7/2011 23:00	17908	3.852	136.3	27.06	6.368	1.901	104.1	26.84	4.578	82.9	81.6	45.26	42.53	0	0.013	26.3	7.959	-0.01	12.7
8/8/2011 0:00	17909	3.515	121.7	10.6	6.368	1.828	93.2	11.45	4.578	82.4	80.6	44.64	42.15	0	0.013	26.3	7.953	-0.006	13.74
8/8/2011 1:00	17910	6.921	152.5	9.22	9.95	2.969	137.1	25.44	6.368	81.5	78.57	44.04	43.38	0	0.01	26.3	7.94	-0.013	12.81
8/8/2011 2:00	17911	8.32	172.2	8.68	13.52	4.455	172.9	16.4	8.16	81.1	79.78	43.51	40.58	0	0.014	26.3	7.927	-0.013	12.84
8/8/2011 3:00	17912	6.533	174.6	6.417	11.74	2.855	173.6	13.01	8.16	79.97	78.38	46.86	44.37	0	0.014	26.3	7.918	-0.01	15.69
8/8/2011 4:00	17913	5.707	178	5.163	8.16	1.896	168.7	7.572	4.578	77.79	75.22	49.88	48.57	0	0.007	26.29	7.912	-0.006	12.82
8/8/2011 5:00	17914	5.837	173.3	10.01	8.16	1.907	164.3	10.61	4.578	76.3	73.68	52.33	51.06	0	0.006	26.28	7.907	-0.005	12.8
8/8/2011 6:00	17915	5.097	180.8	10.3	8.16	1.228	169.9	13.43	2.789	75.17	72.73	54.49	52.96	0	0.003	26.27	7.905	-0.002	15.69
8/8/2011 7:00	17916	5.614	188.4	10.97	9.95	1.911	177.4	17.52	6.368	74.34	71.99	57.07	55.34	0	0.09	26.27	7.895	-0.009	12.88
8/8/2011 8:00	17917	7.82	172.4	9.27	13.52	4.206	172.3	15.86	9.95	74.86	73.85	57.12	53.92	0	41.86	26.28	7.888	-0.007	12.95
8/8/2011 9:00	17918	12.32	176.8	9.68	20.68	7.61	179.1	16.9	15.31	79.07	79.99	50.64	45.51	0	218.2	26.31	7.88	-0.008	12.84
8/8/2011 10:00	17919	14.82	188.1	11.38	22.47	9.64	191.1	17.03	17.1	83	84.7	46.76	40.83	0	422	26.33	7.87	-0.01	12.75
8/8/2011 11:00	17920	12.01	202.2	13.9	18.89	8.4	205.3	17.43	15.31	87.5	89.7	42.94	36.68	0	612.4	26.36	7.863	-0.008	12.7
8/8/2011 12:00	17921	10.95	190.7	16.1	18.89	7.734	193.3	20.96	15.31	91.8	94.6	37.96	31.67	0	787.6	26.38	7.85	-0.013	15.02
8/8/2011 13:00	17922	10.79	185.7	21.11	20.68	7.579	188.7	25.08	15.31	95.9	99.1	32.4	26.15	0	910	26.38	7.83	-0.019	12.58
8/8/2011 14:00	17923	10.68	167.9	27.02	26.05	7.411	171	32.63	17.1	98.5	102.2	28.17	22.05	0	970	26.38	7.806	-0.025	14.31
8/8/2011 15:00	17924	7.238	170.7	51.54	24.26	5.536	173.6	59.3	17.1	101.6	104.4	24.33	18.96	0	976	26.37	7.777	-0.029	13.12
8/8/2011 16:00	17925	8.22	195.5	55.9	20.68	6.248	204.4	60.21	15.31	102.9	105.4	22.32	16.92	0	909	26.35	7.745	-0.032	14.32
8/8/2011 17:00	17926	6.331	198.2	79.12	17.1	5.053	211.1	81.3	13.52	103.8	105.5	20.67	15.81	0	721.5	26.33	7.707	-0.038	12.6
8/8/2011 18:00	17927	7.154	177.5	48.09	15.31	5.403	183.2	51.8	11.74	103.9	105.5	19.97	15.22	0	608.9	26.31	7.676	-0.032	12.7
8/8/2011 19:00	17928	6.981	101.6	39.14	18.89	4.977	100.4	48.31	15.31	102.7	104.5	19.73	15.07	0	394.2	26.29	7.634	-0.041	14.57
8/8/2011 20:00	17929	7.501	120	23.6	17.1	4.87	119.4	29.93	13.52	100.8	101.5	20.51	16.44	0	138.4	26.29	7.609	-0.025	12.6
8/8/2011 21:00	17930	6.74	117.5	8.44	9.95	3.369	114.9	17.48	6.368	96.2	94.8	23.2	20.3	0	10.99	26.27	7.587	-0.022	13.46
8/8/2011 22:00	17931	8.21	123.4	7.65	11.74	4.28	122	17.55	8.16	92.5	91	26.36	23.29	0	0.043	26.26	7.566	-0.021	12.69
8/8/2011 23:00	17932	8.43	135.3	10.3	11.74	4.544	134.3	18.65	8.16	90.7	89.2	27.47	24.54	0	0.03	26.27	7.541	-0.025	12.62
8/9/2011 0:00	17933	8.21	149.5	6.895	11.74	4.174	148.4	14.83	6.368	88.4	86.8	28.07	25.2	0	0.031	26.27	7.522	-0.019	12.89
8/9/2011 1:00	17934	11.05	162.1	9.78	18.89	6.235	162.5	17.07	13.52	87.1	86	32.94	29.41	0	0.028	26.28	7.503	-0.019	15.68
8/9/2011 2:00	17935	11.2	167.3	8.48	17.1	6.456	169.1	16.22	11.74	85.9	85.2	40.42	36.67	0	0.039	26.29	7.49	-0.013	12.72
8/9/2011 3:00	17936	11.39	175	8.46	17.1	6.727	177.1	16.26	11.74	84.2	83.5	44.21	40.53	0	0.04	26.28	7.477	-0.013	12.75
8/9/2011 4:00	17937	9.71	176.3	8.45	15.31	5.651	179.1	15.78	9.95	81.9	81.1	47.45	43.88	0	0.025	26.27	7.461	-0.016	15.49
8/9/2011 5:00	17938	6.498	196.8	21.94	13.52	3.45	201.8	28.44	9.95	79.65	78.49	50.54	47.51	0	0.013	26.27	7.452	-0.01	12.91
8/9/2011 6:00	17939	4.391	214	14.52	8.16	1.143	178.7	28.59	4.578	78.34	74.98	52.12	52.22	0	0.007	26.26	7.449	-0.003	15.22
8/9/2011 7:00	17940	1.329	176.4	27.05	4.578	0.197	113.1	10.8	2.789	76.86	74.59	53.97	52.48	0	0.087	26.26	7.444	-0.005	12.79

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/9/2011 8:00	17941	4.265	134.9	29.31	8.16	2.041	92.3	24.8	4.578	77.2	75.32	53.17	51.31	0	33.01	26.27	7.44	-0.004	12.9
8/9/2011 9:00	17942	8.97	172.1	27.71	17.1	5.784	177	33.38	13.52	81.2	82	48.27	43.41	0	211.2	26.3	7.427	-0.014	12.74
8/9/2011 10:00	17943	12.24	172.3	12.24	18.89	7.774	174.5	18.7	15.31	84.8	86.8	44.79	38.77	0	401.4	26.34	7.42	-0.006	12.68
8/9/2011 11:00	17944	10.26	163.6	15.4	17.1	6.732	166.3	22.28	13.52	88.6	91.1	42.42	36.19	0	563.3	26.38	7.403	-0.017	12.91
8/9/2011 12:00	17945	9.5	160.2	17.12	17.1	6.443	162.6	24.3	13.52	92.8	96	38.91	32.38	0	737.1	26.41	7.39	-0.013	12.65
8/9/2011 13:00	17946	10.69	135.2	21.53	22.47	7.339	136.1	29.09	17.1	97.6	101.3	28.26	22.41	0	910	26.41	7.374	-0.016	13.64
8/9/2011 14:00	17947	12.68	135.2	21.18	24.26	8.59	136.6	29.82	17.1	99.2	103.1	23.81	17.98	0	975	26.4	7.346	-0.028	12.57
8/9/2011 15:00	17948	14.23	138.8	19.15	26.05	9.42	142.1	26.17	18.89	100.1	104.2	23.47	17.46	0	971	26.38	7.311	-0.035	12.55
8/9/2011 16:00	17949	13.92	140.5	20.34	26.05	9.16	144.3	27	20.68	101	104.9	22.61	16.8	0	904	26.37	7.273	-0.038	15.06
8/9/2011 17:00	17950	13.71	138.6	19.28	26.05	8.8	141.7	27.03	20.68	101.3	105	21.73	16.05	0	768.6	26.35	7.232	-0.041	12.57
8/9/2011 18:00	17951	13.49	135	20.33	27.84	8.65	136.3	27.29	20.68	100.6	103.2	22.34	17.13	0	538.7	26.33	7.162	-0.07	12.82
8/9/2011 19:00	17952	12.72	139.6	18.37	22.47	8.15	141.9	25.8	18.89	100.6	102.6	20.5	15.67	0	415	26.31	7.124	-0.038	12.72
8/9/2011 20:00	17953	12.9	137.5	15.99	22.47	7.929	140.8	22.71	17.1	99.2	100.2	20	15.79	0	205.9	26.31	7.086	-0.038	12.62
8/9/2011 21:00	17954	10.01	124.2	8.82	17.1	5.845	125.1	19	13.52	95.4	94.7	23.58	20.03	0	19.6	26.31	7.061	-0.025	12.82
8/9/2011 22:00	17955	8.83	128.2	7.287	13.52	4.815	128.3	17.34	9.95	91.5	90.2	28.67	25.44	0	0.026	26.3	7.043	-0.018	12.66
8/9/2011 23:00	17956	8.15	135	7.53	11.74	4.178	134.2	17.8	8.16	89.2	87.6	30.93	28.1	0	0.026	26.3	7.021	-0.022	15.11
8/10/2011 0:00	17957	7.408	132.6	7.21	9.95	3.46	124.4	15.82	6.368	86.4	84.2	33.8	31.55	0	0.03	26.31	7.008	-0.013	12.83
8/10/2011 1:00	17958	7.68	147.4	7.094	13.52	3.771	144.6	15.13	8.16	83.9	82.2	37.77	35.03	0	0.016	26.3	6.999	-0.01	12.74
8/10/2011 2:00	17959	9.01	176.9	13.2	13.52	5.06	178.7	19.73	9.95	83	81.9	43.79	40.37	0	0.018	26.3	6.986	-0.013	12.71
8/10/2011 3:00	17960	9.64	185.3	8.96	17.1	5.649	187.1	15.66	11.74	82.4	81.5	48.91	45.35	0	0.023	26.29	6.973	-0.013	15.8
8/10/2011 4:00	17961	8.79	190	8.16	15.31	5.168	191.9	14.72	9.95	81.3	80.4	52.26	48.79	0	0.016	26.28	6.964	-0.01	12.73
8/10/2011 5:00	17962	6.038	170.2	12.34	8.16	2.25	161.8	15.08	4.578	78.08	76.04	57.26	55.42	0	0.01	26.27	6.954	-0.01	12.71
8/10/2011 6:00	17963	7.299	153.7	7.469	11.74	3.595	151.1	15.04	6.368	77.34	75.81	58.62	56.23	0	0.008	26.24	6.949	-0.006	12.6
8/10/2011 7:00	17964	6.018	159.6	8.88	8.16	2.515	157.3	15.36	6.368	76.11	74.44	59.58	57.53	0	0.048	26.24	6.942	-0.006	15.49
8/10/2011 8:00	17965	5.739	172.6	10.43	8.16	2.556	175.7	16.48	6.368	75.64	74.33	59.72	57.15	0	39.99	26.24	6.937	-0.006	15.84
8/10/2011 9:00	17966	10.89	168.4	9.86	20.68	6.687	170.5	17	15.31	80.6	81.5	52.14	47.04	0	213.1	26.27	6.926	-0.011	15.85
8/10/2011 10:00	17967	13.09	179.1	11.39	20.68	8.36	182.2	18.13	15.31	84.4	86.3	47.64	41.61	0	420.9	26.3	6.919	-0.006	16
8/10/2011 11:00	17968	10.03	193.6	17.77	17.1	7.121	197.3	21.07	13.52	89.2	91.5	42.07	35.98	0	619.2	26.33	6.909	-0.011	12.65
8/10/2011 12:00	17969	8.43	206.3	22.43	17.1	6.357	211.4	25.16	11.74	93.7	95.9	34.31	28.59	0	797.2	26.35	6.893	-0.016	12.71
8/10/2011 13:00	17970	6.42	193.8	60.25	15.31	5.016	197.6	63.41	13.52	98.5	100.6	27.46	22.21	0	921	26.36	6.877	-0.016	13
8/10/2011 14:00	17971	6.434	246.8	45.89	15.31	5.503	251.1	46.37	11.74	101.4	103.1	22.42	17.35	0	976	26.35	6.858	-0.019	15.65
8/10/2011 15:00	17972	6.368	224.8	51.23	15.31	5.312	227.1	51.33	13.52	103.5	105.3	18.64	13.76	0	981	26.33	6.826	-0.032	12.59
8/10/2011 16:00	17973	6.878	193.5	43.46	15.31	5.46	200	48.18	11.74	104.4	106.8	16.41	11.46	0	919	26.31	6.791	-0.035	12.63
8/10/2011 17:00	17974	7.402	131.5	64.14	18.89	5.461	131.9	73.7	13.52	104.2	106.3	14.44	9.7	0	637.6	26.29	6.76	-0.032	12.87
8/10/2011 18:00	17975	7.163	139.8	50.78	18.89	5.292	140.5	56.81	15.31	105	107.1	12.09	7.462	0	629	26.27	6.719	-0.041	12.61
8/10/2011 19:00	17976	5.915	154.4	33.26	13.52	4.419	155.6	44.19	11.74	104.2	105.8	11.79	7.331	0	419.3	26.26	6.687	-0.032	12.7
8/10/2011 20:00	17977	6.091	160.7	25.95	11.74	4.117	164.8	31.75	9.95	102.8	103.8	12.06	7.933	0	202.1	26.26	6.63	-0.057	15.52
8/10/2011 21:00	17978	7.226	132.8	39.73	13.52	4.377	134.7	42.04	9.95	98.7	98.3	17.53	13.75	0	21.33	26.26	6.604	-0.025	12.57
8/10/2011 22:00	17979	13.76	167.5	17.33	27.84	8.13	171.1	21.63	18.89	93.4	93	28.61	24.71	0	0.027	26.27	6.573	-0.031	15.88
8/10/2011 23:00	17980	10.79	167.3	10.86	18.89	6.278	169.7	17.37	11.74	88.9	88.3	35.78	31.99	0	0.035	26.28	6.549	-0.025	15.51
8/11/2011 0:00	17981	5.247	206.9	35.76	13.52	2.514	207.4	45.73	8.16	85.6	84.5	39.19	36.13	0	0.023	26.28	6.539	-0.009	12.64
8/11/2011 1:00	17982	6.062	177.8	43.81	13.52	3.235	153.3	37.6	9.95	84.3	82.2	39.87	37.84	0	0.018	26.29	6.53	-0.01	15.44
8/11/2011 2:00	17983	6.995	152.6	9.44	9.95	3.712	150.8	16.84	6.368	81.6	80.7	44.83	41.46	0	0.019	26.28	6.52	-0.01	12.67
8/11/2011 3:00	17984	7.846	152.5	9.71	13.52	4.39	153.5	17.64	9.95	81	80.3	46.88	43.15	0	0.018	26.27	6.507	-0.013	13.26
8/11/2011 4:00	17985	9	165.8	11.55	13.52	5.35	168.3	18.46	9.95	81.5	81.1	49.71	45.63	0	0.029	26.26	6.498	-0.01	13.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/11/2011 5:00	17986	7.215	187	14.32	11.74	4.222	191.4	20.18	8.16	80	79.46	52.45	48.67	0	0.028	26.26	6.488	-0.01	12.65
8/11/2011 6:00	17987	5.556	216.9	18.92	9.95	2.91	218.6	21.71	8.16	77.58	76.56	54.2	51.02	0	0.014	26.27	6.479	-0.01	12.61
8/11/2011 7:00	17988	3.812	213.2	12.69	8.16	0.865	209	16.71	4.578	76.25	74.06	56.17	54.41	0	0.061	26.26	6.477	-0.002	14.06
8/11/2011 8:00	17989	4.261	231.6	14.27	9.95	1.887	238.4	24.6	6.368	75.19	73.57	58.19	55.3	0	35.89	26.26	6.461	-0.016	15.85
8/11/2011 9:00	17990	6.618	248.2	13.07	11.74	5.262	247.6	13.16	9.95	79.16	79.83	53.5	48.07	0	206.5	26.28	6.454	-0.008	13.02
8/11/2011 10:00	17991	9.33	286.5	16	13.52	7.758	286.4	19.57	13.52	85.2	86.4	43.36	37.87	0	410.2	26.32	6.441	-0.013	12.68
8/11/2011 11:00	17992	9.61	331	31.71	18.89	7.81	332.7	32.48	13.52	90.1	91.3	36.65	31.38	0	599.9	26.36	6.43	-0.011	12.75
8/11/2011 12:00	17993	7.792	62.99	28.73	17.1	5.366	59.8	33.71	13.52	93	95.4	33.71	28.06	0	773.5	26.39	6.42	-0.01	12.88
8/11/2011 13:00	17994	6.113	76.99	59.6	15.31	4.673	72.29	63.15	11.74	96.5	98.8	30.22	24.78	0	849	26.4	6.408	-0.013	12.73
8/11/2011 14:00	17995	8.57	138.9	39.3	24.26	6.074	143.3	44.78	17.1	98.3	102.2	28.29	22.19	0	954	26.39	6.386	-0.022	12.65
8/11/2011 15:00	17996	6.737	158.6	70.98	17.1	5.253	162.7	75.41	13.52	101.6	104.3	24.3	18.91	0	973	26.37	6.36	-0.025	15.62
8/11/2011 16:00	17997	10.69	195.8	59.64	27.84	7.638	202.7	58.45	20.68	98.6	100.6	26.94	21.62	0	399.6	26.35	6.322	-0.038	12.63
8/11/2011 17:00	17998	15.41	231.1	16.7	26.05	11.22	232.6	17.65	24.26	92.2	93.1	32.72	27.73	0	155.8	26.32	6.259	-0.063	12.66
8/11/2011 18:00	17999	8.72	216.9	43.29	26.05	6.135	221.7	47.61	17.1	86.8	87.1	41.95	38.28	0	63.39	26.32	6.241	-0.018	14.17
8/11/2011 19:00	18000	13.04	324.6	10	22.47	10.46	326	11.35	18.89	82.5	82.7	52.09	48.14	0	50.68	26.31	6.219	-0.022	12.89
8/11/2011 20:00	18001	9.41	338.3	22.13	18.89	7.46	339	23.73	15.31	81.6	82	52.86	47.8	0	41.08	26.29	6.203	-0.016	12.85
8/11/2011 21:00	18002	8.8	70.01	25.61	22.47	5.626	70.04	27.85	18.89	82.1	82.2	51.84	47.26	0	4.59	26.31	6.19	-0.013	12.61
8/11/2011 22:00	18003	13.35	54.99	12.44	26.05	8.01	52.52	16.89	22.47	79.6	79.72	59.47	54.57	0	0.026	26.31	6.178	-0.013	12.68
8/11/2011 23:00	18004	13.25	59.82	10.03	22.47	8	58.12	16.31	18.89	78.2	78.2	60.1	55.4	0	0.026	26.32	6.165	-0.013	14.52
8/12/2011 0:00	18005	13.29	78.43	11.5	20.68	8.31	77.49	19.32	17.1	78.61	78.63	58.57	53.9	0	0.027	26.32	6.156	-0.01	12.93
8/12/2011 1:00	18006	11.67	109.4	16.03	33.21	7.488	109.5	23.86	20.68	77.12	77.21	63.4	58.51	0	0.027	26.34	6.146	-0.01	12.71
8/12/2011 2:00	18007	11.18	142.5	14.07	18.89	6.901	144	20.55	13.52	75.5	75.57	70.35	65.2	0	0.018	26.36	6.14	-0.006	12.91
8/12/2011 3:00	18008	9.97	129.8	11.42	18.89	6.057	130.4	20.65	11.74	74.7	74.71	72.03	67	0	0.013	26.36	6.134	-0.006	12.71
8/12/2011 4:00	18009	12.08	126.5	10.84	18.89	7.283	128.6	20.54	15.31	73.89	73.89	73.45	68.34	0	0.015	26.35	6.131	-0.003	12.72
8/12/2011 5:00	18010	11.74	145.1	9.68	18.89	7.21	147.9	17.74	13.52	73.74	73.69	69.59	64.79	0	0.01	26.34	6.125	-0.006	12.85
8/12/2011 6:00	18011	9.58	154.9	13.25	15.31	5.759	157.4	19.16	11.74	72.83	72.63	73.27	68.48	0	0.009	26.34	6.119	-0.006	14.06
8/12/2011 7:00	18012	5.182	195.2	9.03	8.16	2.753	197	12.64	6.368	71.3	70.86	78.4	73.63	0	0.029	26.33	6.116	-0.003	12.82
8/12/2011 8:00	18013	4.769	225.5	13.7	8.16	2.661	233.3	16.29	6.368	70.72	70.24	79	74.35	0	19.33	26.32	6.116	0	16
8/12/2011 9:00	18014	5.327	230.3	16.5	9.95	3.796	233.3	17.77	8.16	72.31	72.61	75.2	69.5	0	93.1	26.32	6.113	-0.004	15.22
8/12/2011 10:00	18015	9.03	243.4	13.94	13.52	7.123	243.7	15.79	11.74	77.05	78	66.47	60.15	0	346.1	26.34	6.108	-0.005	12.76
8/12/2011 11:00	18016	9.05	230.7	20.09	15.31	7.054	231.1	21.56	13.52	84	85.6	53.69	47.09	0	670.6	26.39	6.101	-0.007	12.74
8/12/2011 12:00	18017	8.7	196.2	30.9	17.1	6.298	199.2	34.25	13.52	87.5	90.2	47.5	40.44	0	776.5	26.42	6.088	-0.013	12.58
8/12/2011 13:00	18018	7.154	204.4	47.95	15.31	5.514	209.5	52.71	13.52	90.2	92.9	44.2	37.29	0	848	26.43	6.072	-0.016	13.04
8/12/2011 14:00	18019	5.827	224.2	78.01	13.52	4.72	237.6	80.6	11.74	93.4	95.2	38.46	32.66	0	739.5	26.43	6.059	-0.013	12.84
8/12/2011 15:00	18020	7.549	118.6	55.9	22.47	5.377	120.6	59.12	17.1	94.4	97	35.84	30	0	694.1	26.42	6.044	-0.016	12.74
8/12/2011 16:00	18021	8.87	120.3	37.22	20.68	6.332	118.8	44.84	15.31	94.9	98.2	34.17	27.9	0	829	26.4	6.002	-0.041	12.59
8/12/2011 17:00	18022	7.88	146.9	41.9	20.68	5.521	150	50.38	15.31	95.6	98.1	32.63	26.92	0	529.8	26.38	5.98	-0.022	12.6
8/12/2011 18:00	18023	10.21	146.9	23.11	20.68	6.734	150.9	30.32	15.31	94.8	96.9	33.29	27.82	0	391.8	26.36	5.939	-0.041	12.6
8/12/2011 19:00	18024	9.21	150.7	28.04	20.68	6.157	155.4	33.82	15.31	94.8	96.3	33.08	28.07	0	275.6	26.35	5.901	-0.038	14.17
8/12/2011 20:00	18025	10.17	144.1	10.81	17.1	6.414	148.1	18.29	11.74	92.8	93.1	34.19	30	0	54.79	26.34	5.879	-0.022	12.6
8/12/2011 21:00	18026	10.17	216.3	43.74	18.89	7.218	218	41.94	15.31	88.2	88.4	41.73	37.12	0	4.69	26.35	5.857	-0.022	12.52
8/12/2011 22:00	18027	4.564	268.1	24.38	9.95	2.843	265.6	30.58	8.16	84.9	84.6	47.08	42.87	0	0.022	26.35	5.845	-0.012	12.6
8/12/2011 23:00	18028	4.137	3.771	19.35	8.16	2.683	8.86	16.31	6.368	84.9	84.8	47.75	43.33	0	0.031	26.35	5.832	-0.013	12.65
8/13/2011 0:00	18029	3.642	329.9	78.53	9.95	2.191	358.9	70.26	6.368	82.7	82.2	50.54	46.53	0	0.035	26.36	5.823	-0.01	12.74
8/13/2011 1:00	18030	2.322	274	23.85	4.578	0.564	311.9	12.8	6.368	80.6	79	52.93	49.82	0	0.012	26.35	5.816	-0.006	12.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/13/2011 2:00	18031	7.332	182.8	13.63	17.1	4.079	179.3	18.23	11.74	78.74	77.56	57.51	54.24	0	0.01	26.35	5.807	-0.01	15.66
8/13/2011 3:00	18032	5.693	233	40.83	9.95	3.157	239.4	46.2	8.16	77.86	76.96	58.54	55.2	0	0.018	26.35	5.801	-0.006	14.29
8/13/2011 4:00	18033	6.812	323.5	32.33	13.52	4.604	339.7	13.19	9.95	77.9	77.28	58.35	54.5	0	0.01	26.35	5.794	-0.006	15.96
8/13/2011 5:00	18034	8.5	31.13	17.99	15.31	5.933	31.79	19.47	13.52	76.16	76.23	58.98	54.18	0	0.016	26.35	5.788	-0.007	12.71
8/13/2011 6:00	18035	6.346	45.34	10.92	9.95	3.666	45.38	13.44	8.16	74.46	74.27	62.86	58.29	0	0.011	26.33	5.785	-0.003	15.43
8/13/2011 7:00	18036	5.691	63.99	12.39	9.95	3.383	66.29	16.7	6.368	73.54	72.97	65.35	61.18	0	0.013	26.33	5.773	-0.012	14.9
8/13/2011 8:00	18037	7.98	77.46	13.13	13.52	4.868	73.43	19.2	9.95	72.18	72	67.5	62.78	0	22.28	26.35	5.764	-0.009	12.78
8/13/2011 9:00	18038	8.83	117.9	18.37	13.52	5.743	117.2	25.73	11.74	75.83	76.73	65.43	59.48	0	160.4	26.38	5.759	-0.004	15.49
8/13/2011 10:00	18039	10.98	136	11.92	18.89	7.1	138.2	20.9	13.52	79.67	81.9	67.58	59.94	0	358.1	26.42	5.756	-0.003	12.79
8/13/2011 11:00	18040	12.16	129.2	16.48	22.47	7.955	131.1	24.43	17.1	82.3	85.3	62.09	54.06	0	569.1	26.46	5.753	-0.004	13.25
8/13/2011 12:00	18041	9.69	153.1	22.67	18.89	6.73	156	29.82	15.31	85.6	88.9	55.27	47.39	0	763.9	26.5	5.739	-0.013	15.22
8/13/2011 13:00	18042	8.6	143.7	30.96	18.89	6.103	146.5	37.13	15.31	89.5	92.9	47.75	40.59	0	786.2	26.53	5.726	-0.013	12.78
8/13/2011 14:00	18043	12.04	128.1	29.67	24.26	8.19	129.4	37.51	18.89	91.6	95.3	41.25	34.22	0	870	26.52	5.704	-0.022	15
8/13/2011 15:00	18044	14.49	99.6	21.76	27.84	9.81	99	29.69	20.68	92	95.4	38.26	31.49	0	809	26.5	5.682	-0.022	15.97
8/13/2011 16:00	18045	15.14	106.5	16.65	26.05	10.12	105.5	25.36	20.68	91.8	94.9	38.68	32.11	0	710.5	26.48	5.635	-0.048	12.61
8/13/2011 17:00	18046	15.91	106.9	16.19	26.05	10.73	108.1	24.1	22.47	91.1	94.2	41.8	35.01	0	729.4	26.47	5.597	-0.038	15.51
8/13/2011 18:00	18047	14.93	112.1	17.42	29.63	9.68	112.6	25.36	20.68	90.2	92.5	41.36	35.26	0	427.6	26.47	5.562	-0.035	15.37
8/13/2011 19:00	18048	14.88	121.6	12.75	24.26	9.5	123.4	21.62	20.68	88.5	89.8	42.76	37.46	0	232.8	26.46	5.533	-0.028	15.15
8/13/2011 20:00	18049	14.88	121.7	11.41	24.26	9.33	123.7	20.82	18.89	87.8	88.6	42.23	37.41	0	164.1	26.46	5.508	-0.025	13.5
8/13/2011 21:00	18050	11.7	129.2	10.48	20.68	7.063	130.9	19.76	15.31	85.6	85.5	44.72	40.56	0	19.01	26.46	5.477	-0.031	12.59
8/13/2011 22:00	18051	9.04	136.4	9.67	15.31	5.38	138.5	18.33	9.95	82.3	81.8	50.8	46.86	0	0.026	26.46	5.465	-0.013	15.88
8/13/2011 23:00	18052	7.027	130.9	11.55	13.52	3.897	129.5	19.54	9.95	79.38	78.65	55.81	52.27	0	0.017	26.47	5.458	-0.006	12.65
8/14/2011 0:00	18053	6.866	119.6	7.926	11.74	3.776	117.5	16.94	8.16	76.51	75.66	59.48	55.98	0	0.012	26.46	5.452	-0.006	12.71
8/14/2011 1:00	18054	6.41	124.2	6.324	9.95	3.287	119.5	14.98	6.368	74.56	73.6	63.79	60.3	0	0.008	26.46	5.45	-0.002	12.75
8/14/2011 2:00	18055	5.742	112.3	11.51	8.16	2.893	105.1	18.17	4.578	73.6	72.59	67.52	63.94	0	0.007	26.46	5.444	-0.006	14.34
8/14/2011 3:00	18056	6.836	120.4	10.24	9.95	3.822	117.8	19.45	8.16	72.6	71.9	68.82	65.07	0	0.006	26.46	5.438	-0.006	12.74
8/14/2011 4:00	18057	5.496	122.8	9.88	8.16	2.794	117.7	17.22	6.368	71.78	70.89	65.83	62.59	0	0.008	26.46	5.431	-0.006	12.99
8/14/2011 5:00	18058	4.535	89.4	7.893	6.368	2.329	77.02	11.14	4.578	70.72	69.83	68.96	65.22	0	0.005	26.45	5.428	-0.003	12.7
8/14/2011 6:00	18059	6.441	72.53	8.5	9.95	3.952	69.18	14.7	8.16	69.21	68.65	72.41	68.04	0	0.003	26.44	5.425	-0.003	16.07
8/14/2011 7:00	18060	7.21	61.3	7.916	11.74	4.231	59.5	15.36	8.16	68.83	68.38	73.84	69.3	0	0.05	26.44	5.419	-0.006	13.03
8/14/2011 8:00	18061	7.611	64.18	8.78	9.95	4.986	63.47	15.39	9.95	68.27	68.15	75.67	70.41	0	33.49	26.44	5.416	-0.003	12.66
8/14/2011 9:00	18062	8.5	90.1	17.29	13.52	5.829	87.4	24.21	11.74	71.76	72.69	70.3	63.96	0	155.3	26.46	5.409	-0.007	12.74
8/14/2011 10:00	18063	9.2	118.6	14.97	15.31	6.233	117.7	24.46	11.74	77.45	79.23	61.16	54.69	0	338.5	26.49	5.404	-0.004	12.8
8/14/2011 11:00	18064	8.24	140.7	19.88	15.31	5.678	142.2	28.44	11.74	81.5	84	54.76	47.87	0	490.3	26.53	5.401	-0.004	12.61
8/14/2011 12:00	18065	5.207	116.3	49.77	11.74	4.034	117.5	58.63	9.95	86.3	88.8	46.59	40.4	0	782.9	26.55	5.394	-0.007	12.67
8/14/2011 13:00	18066	6.579	81.6	40.81	13.52	4.924	79.63	47.71	11.74	87.7	90.4	43.28	36.99	0	711	26.56	5.378	-0.016	15.84
8/14/2011 14:00	18067	7.694	77.84	38.4	18.89	5.447	74.22	44.05	13.52	89.2	91.8	38.24	32.23	0	779.1	26.54	5.359	-0.019	15.87
8/14/2011 15:00	18068	10.33	81.7	29.98	22.47	7.072	77.47	36.88	18.89	89.4	91.9	34.22	28.33	0	581.3	26.52	5.334	-0.025	12.63
8/14/2011 16:00	18069	15.06	146	37.53	27.84	9.66	148.2	42.56	20.68	86	88.2	46.71	40.05	0	469.5	26.51	5.302	-0.032	12.72
8/14/2011 17:00	18070	15.81	163.8	12.35	26.05	10.02	166.6	18.52	20.68	84.8	87.1	49.16	42.34	0	420.4	26.49	5.277	-0.025	15.77
8/14/2011 18:00	18071	14.33	155.4	13.23	26.05	9.06	157.2	19.07	18.89	84.2	86	48.75	42.41	0	346.1	26.45	5.252	-0.025	12.62
8/14/2011 19:00	18072	12.07	159.7	13.75	18.89	7.72	162.7	20.07	13.52	85.7	87.9	44.32	38.04	0	402.7	26.44	5.229	-0.022	12.64
8/14/2011 20:00	18073	11.49	152.4	14.32	18.89	7.156	156.2	20.72	15.31	85.1	86.5	43.57	38.18	0	192.4	26.43	5.207	-0.022	12.73
8/14/2011 21:00	18074	8.69	134.2	8.89	15.31	5.299	137	17.98	11.74	83.3	82.9	44.18	40.33	0	21.96	26.42	5.192	-0.015	12.8
8/14/2011 22:00	18075	6.075	138.8	17.5	8.16	2.843	130.7	19.46	6.368	79.33	78	49.19	46.38	0	0.017	26.41	5.186	-0.006	12.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/14/2011 23:00	18076	4.387	131.6	15.95	6.368	1.902	97	16.67	4.578	77.03	75.58	54.61	51.19	0	0.013	26.41	5.179	-0.006	12.67
8/15/2011 0:00	18077	4.67	138.7	13.92	6.368	1.747	103.8	13.63	4.578	76.44	74.28	60.32	56.95	0	0.004	26.42	5.174	-0.006	12.66
8/15/2011 1:00	18078	4.844	150.8	5.651	9.95	1.209	113	9.47	2.789	74.81	72.31	64.45	62.09	0	0.005	26.41	5.171	-0.002	12.73
8/15/2011 2:00	18079	5.126	138.9	4.638	8.16	1.208	112.4	8.06	4.578	73.6	71.23	67.24	65.22	0	0.005	26.39	5.168	-0.003	12.76
8/15/2011 3:00	18080	5.212	130.1	5.658	8.16	1.578	110.5	11.51	4.578	72.77	70.69	68.94	66.87	0	0.004	26.38	5.165	-0.003	14.3
8/15/2011 4:00	18081	6.169	127.8	7.775	8.16	2.685	117.6	16.9	4.578	71.91	70.4	71.54	68.76	0	0.004	26.37	5.159	-0.006	12.94
8/15/2011 5:00	18082	6.806	129.9	6.903	9.95	3.263	122.7	16.36	6.368	70.92	69.6	74.74	71.61	0	0.002	26.35	5.156	-0.003	12.73
8/15/2011 6:00	18083	5.232	127.7	6.057	8.16	1.719	109.6	11.89	4.578	69.96	68.39	76.82	74.06	0	0.003	26.34	5.152	-0.003	14.09
8/15/2011 7:00	18084	4.122	115.9	16.2	6.368	1.655	72.77	9.13	4.578	69.65	67.96	77.37	74.77	0	0.015	26.34	5.149	-0.003	16.21
8/15/2011 8:00	18085	4.728	101.9	8.02	6.368	2.694	79.08	13.15	4.578	70.06	68.98	76.41	72.87	0	15.53	26.34	5.146	-0.003	13.3
8/15/2011 9:00	18086	6.56	126.7	11.34	9.95	3.917	123.5	21.35	8.16	71.73	71.92	72.25	67.36	0	102.3	26.36	5.146	0	12.8
8/15/2011 10:00	18087	11.2	165	15.04	17.1	6.935	168.5	22.34	13.52	78.6	79.73	56.34	50.88	0	271.4	26.39	5.141	-0.005	12.73
8/15/2011 11:00	18088	11.95	185.7	12.38	18.89	7.954	188.9	18.36	15.31	82.3	84.1	48.96	42.94	0	488.7	26.43	5.131	-0.01	12.77
8/15/2011 12:00	18089	11.65	181	18.67	22.47	7.916	183.9	23.67	17.1	87.2	90	40.54	34.09	0	767.8	26.46	5.121	-0.01	12.81
8/15/2011 13:00	18090	10.23	199.5	27.75	17.1	7.446	201.6	30.02	15.31	90	92.8	36.07	29.74	0	886	26.46	5.099	-0.022	12.73
8/15/2011 14:00	18091	9.8	206.4	31.72	18.89	7.328	210.1	32.6	15.31	92.4	95.2	32.37	26.21	0	924	26.45	5.077	-0.022	15.71
8/15/2011 15:00	18092	9.29	203.2	32.48	18.89	6.947	207.5	37.78	17.1	94.4	97.1	30.36	24.44	0	891	26.44	5.032	-0.044	12.64
8/15/2011 16:00	18093	11.42	188.9	22.63	24.26	7.957	191.2	27.02	18.89	93.9	96.7	31.12	25.09	0	663.6	26.42	4.995	-0.038	15.05
8/15/2011 17:00	18094	10.51	194.6	31.94	20.68	7.551	199.4	34.37	17.1	95.2	97.7	29.05	23.35	0	664.1	26.4	4.966	-0.029	12.6
8/15/2011 18:00	18095	11.8	178.1	21.91	24.26	7.81	181.4	25.81	15.31	94.2	96	29.13	23.89	0	377.3	26.38	4.931	-0.035	12.55
8/15/2011 19:00	18096	11.77	182.2	16.81	20.68	7.769	184.7	21.28	17.1	94.1	95.4	27.68	22.89	0	277.6	26.37	4.899	-0.032	12.63
8/15/2011 20:00	18097	9.75	180.2	11	18.89	6.005	183.5	16.54	13.52	92.2	92.2	28.33	24.43	0	57.37	26.36	4.874	-0.025	13.93
8/15/2011 21:00	18098	9.58	172.3	7.736	15.31	5.353	174.3	15.71	11.74	89.9	89.1	29.83	26.42	0	8.01	26.34	4.859	-0.015	13.03
8/15/2011 22:00	18099	7.292	154.9	13.27	11.74	3.497	150.4	20.63	8.16	86.1	84.2	32.98	30.51	0	0.026	26.34	4.846	-0.013	12.69
8/15/2011 23:00	18100	7.848	149.6	6.266	11.74	4.055	148	14.24	6.368	84.4	83	37.08	34.19	0	0.026	26.35	4.837	-0.01	12.55
8/16/2011 0:00	18101	8.63	160.1	7.76	11.74	4.664	160.3	14.94	9.95	82.6	81.3	36.62	33.8	0	0.021	26.36	4.821	-0.016	12.61
8/16/2011 1:00	18102	7.788	180.9	9.23	17.1	4.266	183.5	16.4	9.95	81.5	80.3	34.9	31.92	0	0.018	26.36	4.812	-0.01	12.89
8/16/2011 2:00	18103	9.65	180.1	8.51	15.31	5.8	183.3	15.56	11.74	81.1	80.4	38.76	35.03	0	0.018	26.36	4.802	-0.01	12.71
8/16/2011 3:00	18104	9.58	174	9	15.31	5.622	177.2	16.83	11.74	79.85	79.26	42.56	38.76	0	0.021	26.36	4.796	-0.006	12.91
8/16/2011 4:00	18105	8.21	173.2	7.985	11.74	4.513	175.2	16.28	8.16	78.38	77.49	45.43	42	0	0.015	26.35	4.789	-0.006	12.66
8/16/2011 5:00	18106	7.583	168.9	8.18	11.74	4.131	169.7	15.63	8.16	77.29	76.21	47.17	43.98	0	0.015	26.34	4.774	-0.016	12.88
8/16/2011 6:00	18107	6.805	167.9	8.98	11.74	3.428	169	15.9	8.16	76.4	75.1	48.68	45.83	0	0.01	26.34	4.767	-0.006	12.93
8/16/2011 7:00	18108	4.883	176.6	9.78	8.16	1.653	177.8	13.1	4.578	75.24	73.64	50.8	48.41	0	0.02	26.34	4.765	-0.003	12.77
8/16/2011 8:00	18109	5.872	166.8	10.16	11.74	2.331	159.4	12.11	8.16	74.7	73.01	52.04	49.78	0	31.87	26.35	4.756	-0.009	16.2
8/16/2011 9:00	18110	12.27	168.2	9.87	20.68	7.577	169.9	17.04	15.31	78.72	79.58	47.6	42.57	0	195.1	26.37	4.748	-0.007	12.63
8/16/2011 10:00	18111	14.28	172.6	10.83	22.47	8.93	175.4	17.91	15.31	81.4	83.3	45.03	39.03	0	399.5	26.4	4.739	-0.01	14.98
8/16/2011 11:00	18112	12.73	182.9	14.46	20.68	8.46	187	19.75	15.31	84.4	86.5	42.97	36.83	0	498.7	26.43	4.728	-0.01	12.81
8/16/2011 12:00	18113	11.2	185.2	19.96	18.89	7.814	189.3	24.31	15.31	89.2	92.3	38.31	31.66	0	757.9	26.45	4.712	-0.016	12.56
8/16/2011 13:00	18114	9.83	174.3	21.52	20.68	6.885	177.8	26.37	15.31	92.9	95.8	33.66	27.61	0	769.8	26.46	4.693	-0.019	15.32
8/16/2011 14:00	18115	9.4	160.6	26.74	18.89	6.671	163.8	32.19	13.52	95.4	98.5	30.03	24.24	0	893	26.46	4.668	-0.025	12.7
8/16/2011 15:00	18116	8.44	167.1	40.5	17.1	6.069	169.5	43.88	13.52	97	100.1	28.62	22.7	0	794.8	26.46	4.636	-0.032	12.61
8/16/2011 16:00	18117	10.62	158.2	33.24	22.47	7.352	161.2	38.36	17.1	97.1	99.7	28.32	22.78	0	613.6	26.44	4.608	-0.028	12.46
8/16/2011 17:00	18118	9.96	179.7	28.32	27.84	7.089	185.9	31.76	18.89	98.8	102	26.83	20.93	0	739.1	26.43	4.573	-0.035	12.59
8/16/2011 18:00	18119	10.5	152.6	23	22.47	7.137	155.9	29.6	17.1	98.5	100.9	26.34	21.04	0	514.7	26.42	4.535	-0.038	12.56
8/16/2011 19:00	18120	10.24	148.2	19.32	22.47	6.749	150.7	26.31	15.31	97.9	99.8	26.47	21.38	0	395	26.4	4.497	-0.038	15.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/16/2011 20:00	18121	10.36	164.1	19.78	18.89	6.594	167.3	25.61	13.52	96.9	98.1	26.81	22.01	0	173	26.4	4.459	-0.038	12.64
8/16/2011 21:00	18122	11.55	147.5	9.51	18.89	7.009	151.2	16.1	17.1	93.7	93.5	29.37	25.48	0	7.971	26.4	4.437	-0.022	13.01
8/16/2011 22:00	18123	10.57	144.3	7.879	15.31	6.324	146.3	15.85	9.95	90.7	90	31.06	27.55	0	0.023	26.4	4.421	-0.016	12.8
8/16/2011 23:00	18124	10.99	145.4	9.27	18.89	6.44	147.1	17.34	11.74	88.2	87.5	33.05	29.49	0	0.032	26.42	4.406	-0.016	12.55
8/17/2011 0:00	18125	10.22	150	9.36	15.31	6.098	151.9	16.91	11.74	86.6	86	34.68	30.68	0	0.027	26.44	4.39	-0.016	15.31
8/17/2011 1:00	18126	4.328	286.4	65.48	13.52	3.009	303.7	62.65	9.95	84.7	83.6	37.34	33.81	0	0.031	26.47	4.38	-0.01	15
8/17/2011 2:00	18127	3.753	217	20.4	8.16	1.691	218.6	22.43	6.368	83.7	82	40.26	37.45	0	0.019	26.48	4.377	-0.003	14.86
8/17/2011 3:00	18128	4.339	249.7	30.2	6.368	1.541	271.5	31.95	4.578	81.5	78.85	43.78	41.96	0	0.012	26.48	4.374	-0.003	12.76
8/17/2011 4:00	18129	4.042	344.9	33.68	8.16	2.505	356.6	24.25	6.368	81.5	79.23	44.4	41.88	0	0.008	26.47	4.371	-0.003	12.71
8/17/2011 5:00	18130	9.04	28.24	9.73	15.31	5.963	31.05	12.24	13.52	76.82	76.69	54.97	49.88	0	0.021	26.47	4.365	-0.006	15.6
8/17/2011 6:00	18131	8.94	22.24	12.72	13.52	6.214	22.58	15.01	11.74	75.88	75.81	59.31	54.38	0	0.017	26.47	4.355	-0.009	12.57
8/17/2011 7:00	18132	9.34	8.89	7.848	15.31	6.857	9.31	10.36	13.52	75.34	75.37	60.04	55	0	0.039	26.48	4.352	-0.003	12.58
8/17/2011 8:00	18133	8.74	24.41	14.24	13.52	6.129	25.88	15.81	11.74	76.45	76.55	59.25	54.17	0	46.92	26.49	4.349	-0.003	12.64
8/17/2011 9:00	18134	8.17	69.4	25.01	15.31	5.211	68	29.01	11.74	79.18	80.1	55.08	49.6	0	163.2	26.52	4.342	-0.006	12.76
8/17/2011 10:00	18135	7.063	107.7	23.33	13.52	4.755	105.8	31.65	9.95	80.4	81.3	50.2	45.16	0	177.4	26.55	4.339	-0.003	12.53
8/17/2011 11:00	18136	6.719	154.8	20.3	11.74	4.617	158.3	25.41	9.95	82.5	83.8	48.38	42.91	0	322.8	26.56	4.33	-0.01	14.98
8/17/2011 12:00	18137	5.577	155.1	41.6	18.89	4.318	158.1	51.67	20.68	90.3	93	39.33	33.36	0	882	26.6	4.322	-0.007	12.54
8/17/2011 13:00	18138	7.626	152.3	33.49	17.1	5.412	156.2	41.74	13.52	91.1	93.7	35.87	30.02	0	655.6	26.62	4.31	-0.012	12.7
8/17/2011 14:00	18139	10.07	158.3	35.91	24.26	6.98	162.3	42.46	17.1	94.5	98.3	31.33	24.85	0	995	26.6	4.278	-0.032	12.58
8/17/2011 15:00	18140	12.04	149.4	26.36	20.68	8.23	152.7	32.35	18.89	95.4	99.5	27.58	21.25	0	989	26.59	4.234	-0.044	12.54
8/17/2011 16:00	18141	10.67	158.3	28.6	22.47	7.325	162.3	34.38	17.1	96.2	99.8	24.97	19.03	0	791.9	26.57	4.183	-0.051	12.59
8/17/2011 17:00	18142	10.2	149.8	21.97	20.68	6.763	152	29.31	17.1	95.1	97.7	25.91	20.55	0	426.4	26.55	4.145	-0.038	12.55
8/17/2011 18:00	18143	8.3	144.8	30.33	15.31	5.878	148.1	37.96	11.74	95.3	97.3	25.1	20.11	0	369.2	26.52	4.117	-0.029	12.49
8/17/2011 19:00	18144	8.39	131.9	18.13	15.31	5.491	133.3	25.87	11.74	94	95	25.97	21.47	0	119.7	26.5	4.095	-0.022	12.49
8/17/2011 20:00	18145	8.54	152.1	14.99	15.31	5.404	155.1	21.95	9.95	93.2	93.5	26.72	22.54	0	51.11	26.48	4.076	-0.019	12.51
8/17/2011 21:00	18146	8.4	153.5	9.01	13.52	4.938	155.7	15.89	9.95	91.7	91.4	28.22	24.43	0	7.672	26.47	4.057	-0.019	14.26
8/17/2011 22:00	18147	6.551	130.6	13.64	11.74	3.071	119.5	20.92	6.368	88	86.4	31.92	29.18	0	0.026	26.48	4.044	-0.012	12.53
8/17/2011 23:00	18148	7.355	117.2	7.451	11.74	3.849	113.4	17.95	8.16	85.8	84.6	34.91	31.71	0	0.024	26.49	4.035	-0.009	15.33
8/18/2011 0:00	18149	7.008	118.8	7.494	9.95	3.817	115.6	17.35	6.368	84.5	83.6	37.33	33.82	0	0.033	26.49	4.025	-0.01	16.07
8/18/2011 1:00	18150	9.47	124.1	15.62	17.1	5.555	124.6	23.73	11.74	83.4	82.8	41.33	37.52	0	0.028	26.49	4.019	-0.006	12.61
8/18/2011 2:00	18151	7.518	148.8	8.79	11.74	3.998	147.4	16.22	8.16	81.1	80	46.81	43.7	0	0.018	26.49	4.013	-0.006	12.61
8/18/2011 3:00	18152	7.127	157.4	7.023	11.74	3.442	155	15.44	6.368	79.37	77.85	46.56	43.99	0	0.017	26.47	4.003	-0.01	12.56
8/18/2011 4:00	18153	4.697	172.8	19.62	9.95	1.618	160.7	16.61	6.368	77.16	75.57	49.38	46.87	0	0.01	26.45	3.997	-0.006	13.72
8/18/2011 5:00	18154	2.907	205.6	28.81	4.578	0.657	258.3	33.75	4.578	75.98	73.89	51.24	49.13	0	0.008	26.44	3.995	-0.002	13.08
8/18/2011 6:00	18155	4.959	294.8	9.27	6.368	2.68	307.8	11.01	4.578	75.63	73.07	51.73	50.07	0	0.005	26.44	3.992	-0.003	12.62
8/18/2011 7:00	18156	3.867	293.3	16.11	6.368	0.975	321.9	8.87	4.578	75.46	72.32	52.99	51.87	0	0.006	26.43	3.986	-0.006	14
8/18/2011 8:00	18157	3.549	299.8	31.69	6.368	0.858	315.7	55.8	2.789	76.45	72.97	53	51.74	0	27.42	26.44	3.979	-0.006	13.65
8/18/2011 9:00	18158	3.935	246.6	31.78	11.74	2.417	234.9	28.29	8.16	78.76	79.35	50.6	44.97	0	190.4	26.47	3.975	-0.004	12.55
8/18/2011 10:00	18159	9.62	197.2	12.45	17.1	6.766	200	17.16	13.52	82.3	84.2	47.17	40.93	0	399.7	26.5	3.968	-0.006	12.54
8/18/2011 11:00	18160	11.08	203.9	16.59	17.1	7.899	207	19.8	13.52	85.7	87.8	42.66	36.43	0	588.7	26.53	3.955	-0.013	12.59
8/18/2011 12:00	18161	9.53	202.3	19.37	17.1	7.038	204.2	23.34	13.52	90	92.4	35.91	29.86	0	763.2	26.55	3.939	-0.016	12.34
8/18/2011 13:00	18162	7.317	202.4	42.7	18.89	5.654	204.9	43.7	13.52	93.4	95.8	33.01	27.05	0	886	26.55	3.917	-0.022	12.21
8/18/2011 14:00	18163	9.6	155.6	43.55	22.47	6.755	157	49.13	17.1	95.1	98.5	29.96	23.86	0	947	26.53	3.895	-0.022	12.74
8/18/2011 15:00	18164	9.6	147.5	27.5	22.47	6.643	150.9	35.89	15.31	96.5	100.4	27.84	21.59	0	939	26.51	3.863	-0.032	15.57
8/18/2011 16:00	18165	10.18	164.3	35.46	31.42	7.085	168.1	42.49	20.68	97.2	100.5	26.43	20.49	0	819	26.49	3.825	-0.038	14.65

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/18/2011 17:00	18166	10.45	158.5	32.9	20.68	7.083	162.4	37.64	18.89	96.2	98.8	27.24	21.62	0	490.9	26.47	3.79	-0.035	12.67
8/18/2011 18:00	18167	9.45	148.7	27.55	18.89	6.576	151	33.39	13.52	96.9	99.4	26.06	20.71	0	548.6	26.44	3.762	-0.029	15.69
8/18/2011 19:00	18168	9.82	163.6	23.43	17.1	6.561	166.8	28.2	13.52	96.4	98.2	25.87	20.79	0	380.9	26.42	3.721	-0.041	12.7
8/18/2011 20:00	18169	11.06	165.2	14.26	20.68	6.812	168.6	20.75	15.31	94.4	95.3	27.04	22.52	0	142.1	26.4	3.686	-0.035	12.63
8/18/2011 21:00	18170	8.02	147.4	8.06	13.52	4.592	149	15.1	9.95	91.2	90.4	28.7	25.28	0	13.47	26.39	3.661	-0.025	15.56
8/18/2011 22:00	18171	7.422	143.2	7.046	9.95	3.613	140.7	16.21	6.368	87.8	86.1	31.5	28.8	0	0.022	26.38	3.651	-0.009	12.66
8/18/2011 23:00	18172	6.754	142.7	4.869	9.95	2.8	125.1	16.59	4.578	84.6	81.9	34.32	32.71	0	0.016	26.38	3.645	-0.006	15.61
8/19/2011 0:00	18173	6.663	140.4	8.43	9.95	2.663	117	19.08	4.578	82.9	79.4	35.95	35.08	0	0.013	26.37	3.636	-0.01	12.54
8/19/2011 1:00	18174	8.09	162.8	9.76	13.52	3.91	159.9	17.99	8.16	81.1	79.17	38.5	35.99	0	0.014	26.36	3.626	-0.01	12.76
8/19/2011 2:00	18175	5.719	186	10.07	8.16	2.365	182.6	14.49	6.368	79.04	77.34	42.14	39.46	0	0.008	26.36	3.62	-0.006	12.51
8/19/2011 3:00	18176	4.935	169.5	7.968	6.368	1.518	138.7	9.33	4.578	76.84	74.19	45.7	44.18	0	0.004	26.34	3.617	-0.003	13.11
8/19/2011 4:00	18177	5.364	172.8	6.509	6.368	1.422	153.1	10.54	2.789	75.28	72.61	48.06	46.61	0	0.006	26.34	3.614	-0.003	12.36
8/19/2011 5:00	18178	5.142	165.7	7.223	6.368	1.599	130.3	12.35	2.789	74.29	71.73	49.91	48.36	0	0.003	26.33	3.608	-0.006	12.72
8/19/2011 6:00	18179	4.454	160.2	12.12	6.368	0.91	108.9	10.71	2.789	73.32	70.67	52	50.74	0	0.001	26.32	3.608	0	13.51
8/19/2011 7:00	18180	3.788	196.6	17.05	6.368	0.394	134.1	10.53	2.789	73.67	70.99	51.79	50.69	0	0.011	26.32	3.605	-0.003	15.72
8/19/2011 8:00	18181	2.635	192.9	11.87	4.578	0.283	122.9	2.675	2.789	73.04	70.87	53.14	51.15	0	25.9	26.32	3.602	-0.003	15.33
8/19/2011 9:00	18182	6.527	210.4	25.86	17.1	4.399	212.8	29.02	13.52	76.42	77.43	49.17	43.67	0	198.6	26.34	3.595	-0.007	12.77
8/19/2011 10:00	18183	12.05	185.5	11.17	18.89	7.889	189.5	17.62	15.31	82.1	83.9	41.78	36.05	0	403.8	26.38	3.588	-0.007	15.74
8/19/2011 11:00	18184	9.58	191.7	14.78	17.1	6.747	195.1	20.32	11.74	86.6	88.8	36.76	30.89	0	602.2	26.41	3.572	-0.016	12.55
8/19/2011 12:00	18185	9.2	173.1	29.98	18.89	6.585	175.3	35	15.31	90.8	93.5	30.72	25.05	0	782.2	26.44	3.559	-0.013	12.52
8/19/2011 13:00	18186	12.6	151.3	19	24.26	8.3	155.5	25.17	18.89	92.6	96.2	26.99	20.99	0	874	26.44	3.534	-0.025	13.66
8/19/2011 14:00	18187	11.98	144.4	22.69	22.47	7.923	146.6	28.67	17.1	94.2	98	22.71	16.95	0	889	26.42	3.505	-0.028	15.29
8/19/2011 15:00	18188	11.08	142.2	27.73	22.47	7.51	145.4	34.84	17.1	96	99.9	19.59	13.98	0	928	26.41	3.461	-0.044	15.54
8/19/2011 16:00	18189	11.51	144.4	24.74	22.47	7.834	146.4	30.96	17.1	96.6	100.3	19.13	13.58	0	890	26.39	3.42	-0.041	12.67
8/19/2011 17:00	18190	12.04	144.7	19.61	22.47	7.957	147.6	27.86	17.1	97.3	100.6	19.35	13.87	0	754.5	26.37	3.375	-0.044	13.36
8/19/2011 18:00	18191	11.79	153.8	23.17	22.47	7.61	157	29.35	17.1	97.2	99.9	20.9	15.63	0	570.7	26.35	3.34	-0.035	12.77
8/19/2011 19:00	18192	12.09	160	20.08	22.47	7.829	163.9	25.36	15.31	96.5	98.2	22.26	17.37	0	380.6	26.34	3.305	-0.035	14.38
8/19/2011 20:00	18193	12.37	151.3	13.95	27.84	7.738	154.9	20.42	22.47	95.2	96.2	23.12	18.71	0	177	26.33	3.283	-0.022	12.48
8/19/2011 21:00	18194	10.47	141.5	9.21	17.1	6.205	144	17.75	13.52	92.2	91.7	26.34	22.72	0	16.02	26.32	3.258	-0.025	12.43
8/19/2011 22:00	18195	8.67	137.3	8.3	13.52	4.778	137.7	17.72	9.95	88.6	87.4	30.12	26.89	0	0.026	26.32	3.239	-0.019	12.49
8/19/2011 23:00	18196	7.469	130	6.018	11.74	3.629	124.5	14.97	6.368	84.6	82.8	33.54	30.93	0	0.014	26.33	3.23	-0.009	12.45
8/20/2011 0:00	18197	8.35	139.9	7.897	13.52	4.41	137.9	17.51	8.16	83.5	82	35.26	32.38	0	0.01	26.33	3.214	-0.016	15.33
8/20/2011 1:00	18198	8.48	148.5	7.767	13.52	4.559	148.1	15.16	8.16	81.7	80.5	37.35	34.16	0	0.015	26.33	3.205	-0.01	12.53
8/20/2011 2:00	18199	7.727	149.9	7.521	11.74	3.997	148.6	15.85	8.16	79.75	78.36	39.58	36.61	0	0.009	26.32	3.195	-0.01	12.49
8/20/2011 3:00	18200	7.271	140.8	10.08	9.95	3.555	133.3	18.09	6.368	78.28	76.32	40.66	38.38	0	0.006	26.32	3.192	-0.003	12.59
8/20/2011 4:00	18201	7.76	134.9	6.652	9.95	3.794	129.8	16.91	8.16	77.17	75.37	41.83	39.36	0	0.005	26.31	3.186	-0.006	15.97
8/20/2011 5:00	18202	7.168	124	7.005	9.95	3.547	112.3	15.23	6.368	75.3	73.4	43.9	41.61	0	0.005	26.3	3.183	-0.003	12.56
8/20/2011 6:00	18203	8.45	115.2	7.166	11.74	4.454	111	17.62	8.16	74.14	72.79	45.27	42.26	0	0.01	26.29	3.177	-0.006	12.49
8/20/2011 7:00	18204	9.29	126.7	8.83	13.52	5.212	125	18.3	9.95	73.5	72.53	46.88	43.43	0	0.008	26.29	3.171	-0.006	12.49
8/20/2011 8:00	18205	7.421	129.2	9.82	11.74	3.956	124.4	18.85	8.16	72.93	72.04	48.72	45.24	0	26.96	26.31	3.164	-0.006	15.75
8/20/2011 9:00	18206	9.09	141.5	21.05	18.89	5.687	141.5	27.9	13.52	77.17	78.29	44.76	39.55	0	195.7	26.33	3.16	-0.004	12.58
8/20/2011 10:00	18207	14.72	175.3	11.9	22.47	9.26	177.2	18.24	17.1	83	84.7	39.48	33.83	0	400.3	26.37	3.147	-0.013	12.55
8/20/2011 11:00	18208	13.55	187.7	14.72	20.68	8.98	190.9	20.18	15.31	86.6	88.9	37.22	31.17	0	594.7	26.4	3.131	-0.016	12.68
8/20/2011 12:00	18209	11.74	203.6	14.56	20.68	8.51	206.8	18.58	17.1	89.9	92.4	35.55	29.27	0	769.4	26.43	3.112	-0.019	13.74
8/20/2011 13:00	18210	11.22	193.2	24.28	20.68	7.946	197	26.83	15.31	92.7	95.8	32.07	25.69	0	892	26.44	3.093	-0.019	16.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/20/2011 14:00	18211	9.83	188.3	31.09	20.68	7.126	190.8	35.51	15.31	95.5	98.6	29.21	23.06	0	950	26.44	3.065	-0.028	12.74
8/20/2011 15:00	18212	9.56	186.8	32.21	20.68	6.923	190.5	36.41	15.31	98.1	101.2	26.28	20.36	0	949	26.43	3.033	-0.032	12.65
8/20/2011 16:00	18213	7.64	209.3	47.26	18.89	6.044	213.1	50.64	15.31	99.9	102	23.9	18.56	0	824	26.41	2.998	-0.035	12.67
8/20/2011 17:00	18214	7.445	165.7	44.88	15.31	5.553	169.2	51.41	11.74	100.9	103.3	21.76	16.55	0	707	26.39	2.969	-0.029	12.61
8/20/2011 18:00	18215	9.38	158.6	22.19	20.68	6.315	160	30.29	13.52	100.1	102.5	22.13	16.94	0	487.3	26.38	2.922	-0.048	15.53
8/20/2011 19:00	18216	13.32	149.1	15.68	24.26	8.49	151.2	21.76	18.89	98	99.5	25.02	20.17	0	274	26.37	2.865	-0.057	12.48
8/20/2011 20:00	18217	14.12	152.4	12.01	22.47	8.52	155.1	18.76	17.1	95.9	96.3	26.88	22.6	0	95.1	26.35	2.84	-0.025	13.19
8/20/2011 21:00	18218	14.72	147.8	8.93	24.26	8.91	151	16	18.89	92.8	92.4	28.87	25.05	0	2.979	26.36	2.802	-0.038	12.63
8/20/2011 22:00	18219	13.1	151.3	9.23	22.47	7.683	153.2	16.4	15.31	90.3	89.7	29.06	25.35	0	0.031	26.37	2.783	-0.019	12.51
8/20/2011 23:00	18220	10.09	156.1	9.42	15.31	5.82	157.6	16.54	11.74	87.6	86.7	30.55	26.94	0	0.035	26.38	2.773	-0.009	12.48
8/21/2011 0:00	18221	9.22	172.4	8.7	15.31	5.216	174.4	15.79	11.74	85	83.9	32.74	29.36	0	0.019	26.4	2.764	-0.01	12.56
8/21/2011 1:00	18222	9.62	165.7	9.51	17.1	5.581	167.6	16.43	11.74	83.1	82.3	35.43	31.78	0	0.017	26.4	2.754	-0.01	12.54
8/21/2011 2:00	18223	9.01	163.7	8.81	15.31	5.137	164.1	15.83	9.95	81.4	80.6	40.03	36.33	0	0.016	26.4	2.745	-0.01	12.69
8/21/2011 3:00	18224	7.528	169.1	9	11.74	3.908	170.5	16.08	8.16	79.33	78.22	44.54	41.19	0	0.009	26.4	2.735	-0.01	12.71
8/21/2011 4:00	18225	7.684	172.8	8.06	11.74	4.057	173.8	15.98	8.16	78.27	77.03	48.11	44.9	0	0.008	26.4	2.729	-0.006	12.74
8/21/2011 5:00	18226	9.1	172.8	9.63	15.31	5.228	174.8	17.12	9.95	78.54	77.51	49.63	46.27	0	0.01	26.41	2.726	-0.003	12.56
8/21/2011 6:00	18227	9.8	165	8.56	15.31	5.672	166.8	15.83	11.74	78.06	77.26	51.59	47.99	0	0.008	26.42	2.72	-0.006	16.46
8/21/2011 7:00	18228	8.34	162.2	8.24	13.52	4.66	162.9	15.29	9.95	76.41	75.45	54.94	51.6	0	0.009	26.42	2.713	-0.006	12.73
8/21/2011 8:00	18229	5.786	151.3	9.85	9.95	2.635	145.2	16.29	6.368	74.86	73.63	57.4	54.47	0	29.27	26.44	2.711	-0.003	15.13
8/21/2011 9:00	18230	6.945	145.9	12.68	15.31	4.427	145.5	21.06	11.74	77.97	79.36	53.37	47.71	0	195.1	26.46	2.707	-0.004	12.68
8/21/2011 10:00	18231	9.93	169.3	13.95	17.1	6.523	172.1	20.9	13.52	82.4	84.5	47.58	41.28	0	402.1	26.5	2.697	-0.01	12.72
8/21/2011 11:00	18232	7.793	174	27.13	17.1	5.495	177.4	31.94	11.74	86.5	88.8	42.08	35.96	0	598.2	26.53	2.687	-0.01	12.58
8/21/2011 12:00	18233	9.36	137.7	26.75	20.68	6.47	140.8	34.32	17.1	89.7	92.8	34.86	28.85	0	780.6	26.55	2.671	-0.016	12.46
8/21/2011 13:00	18234	11.6	141	21.34	22.47	7.809	143.4	29.01	17.1	91.4	95.1	31.58	25.18	0	904	26.55	2.64	-0.032	12.54
8/21/2011 14:00	18235	10.35	144.4	29.79	18.89	7.346	147.6	36.31	15.31	93.8	97.5	27.36	21.35	0	965	26.55	2.611	-0.029	12.45
8/21/2011 15:00	18236	11.33	154.6	33.58	22.47	7.827	156.6	39.79	18.89	95.1	98.9	25.44	19.31	0	959	26.54	2.576	-0.035	16.29
8/21/2011 16:00	18237	9.42	139.8	40.09	20.68	6.527	142.7	47.31	15.31	96.8	100.4	23.21	17.33	0	887	26.52	2.542	-0.035	16.07
8/21/2011 17:00	18238	10.86	142.9	31.78	22.47	7.503	145.3	37.14	17.1	97.2	100.4	22.95	17.31	0	762.7	26.5	2.5	-0.041	15.09
8/21/2011 18:00	18239	11.83	129.2	25.64	24.26	7.869	132	32.03	18.89	96.9	99.4	23.14	17.87	0	569.9	26.48	2.466	-0.035	12.78
8/21/2011 19:00	18240	11.58	149.6	21.49	20.68	7.534	153.2	27.34	15.31	95.9	97.8	25.02	19.93	0	382.7	26.47	2.434	-0.032	12.54
8/21/2011 20:00	18241	12.99	133.3	13.56	26.05	7.976	136.8	21.54	22.47	94.1	95.3	27.92	23.29	0	177	26.46	2.409	-0.025	12.76
8/21/2011 21:00	18242	10.37	123.1	10.76	18.89	6.21	125.1	20.48	13.52	90.9	90.5	30.47	26.71	0	11.51	26.45	2.393	-0.016	14.71
8/21/2011 22:00	18243	8.67	113.7	8.13	13.52	4.905	112.6	18.8	9.95	87.6	86.7	32.71	29.26	0	0.025	26.46	2.384	-0.009	14.95
8/21/2011 23:00	18244	8.18	101.5	8.12	13.52	5	99.6	16.68	9.95	83.9	82.9	35	31.58	0	0.018	26.47	2.371	-0.013	12.58
8/22/2011 0:00	18245	11.28	115.7	8.44	17.1	6.794	114.9	19.39	13.52	83.9	83.2	36.04	32.35	0	0.024	26.47	2.361	-0.01	12.57
8/22/2011 1:00	18246	11.39	123.4	11.35	22.47	6.817	124.2	20.25	11.74	82.7	82	38.51	34.8	0	0.023	26.47	2.352	-0.01	14.22
8/22/2011 2:00	18247	7.329	145.4	7.082	13.52	3.797	142.6	15.16	8.16	79.64	78.32	42.56	39.48	0	0.01	26.48	2.342	-0.01	12.72
8/22/2011 3:00	18248	6.998	160.4	7.445	9.95	3.126	157.7	14.77	6.368	77.14	75.23	46.95	44.5	0	0.004	26.47	2.33	-0.013	16.38
8/22/2011 4:00	18249	6.607	156.5	6.437	9.95	2.655	150.6	13.86	6.368	75.63	73.52	49.86	47.86	0	0.003	26.46	2.327	-0.003	12.7
8/22/2011 5:00	18250	6.995	157.6	6.533	9.95	3.259	155.4	14.37	6.368	74.34	72.86	52.17	49.41	0	0.002	26.45	2.324	-0.003	12.67
8/22/2011 6:00	18251	7.143	160.7	6.763	9.95	3.362	158.4	14.34	6.368	72.92	71.23	54.87	52.4	0	0.001	26.44	2.315	-0.009	15.18
8/22/2011 7:00	18252	5.169	161.4	9.17	9.95	1.991	158.3	28.47	6.368	72.06	70.27	57.41	55.2	0	0.003	26.43	2.315	0	12.77
8/22/2011 8:00	18253	2.587	203.6	31.85	6.368	0.521	260.1	34.28	2.789	72.38	70.31	57.65	55.48	0	27.5	26.45	2.315	0	12.67
8/22/2011 9:00	18254	4.651	193.2	15.61	17.1	2.883	202	15.9	11.74	76.5	78.19	54.48	47.9	0	200	26.47	2.311	-0.004	16.35
8/22/2011 10:00	18255	11.85	191.8	12.52	18.89	8.11	195.3	17.58	13.52	80.6	82.4	53.28	46.75	0	407	26.51	2.304	-0.007	14.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
8/22/2011 11:00	18256	12.12	190.7	13.21	18.89	8.3	194.6	18.57	15.31	84.1	86.4	49.24	42.36	0	602.7	26.54	2.291	-0.013	14.81	
8/22/2011 12:00	18257	9.68	181.8	21.09	18.89	6.857	184.2	26.91	13.52	87.2	90.1	42.16	35.4	0	780.8	26.55	2.275	-0.016	12.39	
8/22/2011 13:00	18258	11.14	158.1	26.73	24.26	7.594	160.5	33.36	18.89	90.1	93.6	35.07	28.48	0	906	26.56	2.25	-0.025	15.93	
8/22/2011 14:00	18259	10.42	165.4	27.18	20.68	7.179	169.4	36.96	18.89	92.6	96.1	30.71	24.33	0	966	26.55	2.218	-0.032	12.55	
8/22/2011 15:00	18260	9.57	155.9	31.79	20.68	6.805	158.2	39.99	17.1	94.3	97.8	27.4	21.27	0	961	26.53	2.177	-0.041	15.61	
8/22/2011 16:00	18261	11.47	152.1	25.25	22.47	7.824	155.3	32.06	17.1	94.7	98.3	26.95	20.8	0	887	26.51	2.142	-0.035	12.48	
8/22/2011 17:00	18262	9.7	136.5	30.71	22.47	6.708	140	36.85	18.89	95.4	98.5	26.53	20.75	0	738	26.49	2.107	-0.035	12.62	
8/22/2011 18:00	18263	9.61	166.3	31.89	22.47	6.789	170.4	36.68	17.1	95.8	98.1	25.48	20.11	0	557.8	26.47	2.076	-0.032	12.35	
8/22/2011 19:00	18264	8.63	147.7	23.53	18.89	5.971	151.2	29.38	13.52	95.1	96.6	26.18	21.3	0	365.8	26.46	2.038	-0.038	15.87	
8/22/2011 20:00	18265	9.6	167.2	15.96	17.1	6.148	171	21.33	13.52	93.7	94.7	27.47	22.93	0	170.5	26.45	2.025	-0.013	12.43	
8/22/2011 21:00	18266	8.45	153.8	9.13	17.1	4.726	156.4	16.47	11.74	90.5	89.7	31.83	28.28	0	13.66	26.43	2.009	-0.016	14.07	
8/22/2011 22:00	18267	6.171	136.3	8.89	9.95	2.645	121	19.16	4.578	86.5	84.2	35.65	33.57	0	0.016	26.43	2	-0.009	13.16	
8/22/2011 23:00	18268	6.685	138.1	7.368	8.16	2.598	108.2	11.78	4.578	84.4	80.4	37.68	37.11	0	0.015	26.42	1.997	-0.003	16	
8/23/2011 0:00	18269	7.139	140	6.907	9.95	2.852	118.9	17.3	6.368	82.4	78.67	39.73	39.18	0	0.013	26.42	1.994	-0.003	12.48	
8/23/2011 1:00	18270	8.69	157.6	8.7	15.31	4.496	156.1	14.91	8.16	80.2	78.7	42.43	39.49	0	0.014	26.41	1.991	-0.003	12.5	
8/23/2011 2:00	18271	8.73	170.7	7.785	13.52	4.776	171.4	15.93	9.95	80	78.97	43.58	40.24	0	0.011	26.41	1.984	-0.006	12.54	
8/23/2011 3:00	18272	4.986	206.9	18.51	9.95	2.238	207.3	24.8	6.368	77.67	75.83	47.15	44.82	0	0.014	26.4	1.981	-0.003	12.75	
8/23/2011 4:00	18273	4.496	177.4	10.98	6.368	1.509	122.8	13.27	2.789	76.23	73.04	49.48	48.75	0	0.004	26.38	1.978	-0.003	12.58	
8/23/2011 5:00	18274	5.044	172.1	8.4	8.16	0.667	166.8	8.07	2.789	73.93	71.23	53.9	52.54	0	0.004	26.37	1.978	0	12.58	
8/23/2011 6:00	18275	3.557	174.4	10.29	8.16	0.021	167.2	1.125	2.789	72.59	69.9	57.21	56.14	0	0.002	26.36	1.979	0	12.55	
8/23/2011 7:00	18276	5.846	169.4	10.84	9.95	1.97	160.5	10.36	6.368	72.01	69.74	60.36	58.24	0	0.002	26.36	1.972	-0.006	12.73	
8/23/2011 8:00	18277	6.625	163.8	9.12	9.95	3.334	161.7	17	6.368	72.87	71.61	61.61	58.59	0	26.19	26.38	1.969	-0.003	14.89	
8/23/2011 9:00	18278	8.61	176.2	12.9	20.68	5.268	177.6	16.37	17.1	76.88	78.27	57.94	51.81	0	197.2	26.41	1.968	-0.001	12.46	
8/23/2011 10:00	18279	14.51	183.9	11.31	20.68	9.19	186.4	17.65	17.1	82.1	83.9	52.71	46.42	0	402.7	26.44	1.959	-0.01	13.88	
8/23/2011 11:00	18280	12.61	187.8	14.42	20.68	8.54	190.9	19.74	15.31	85.7	88	47.93	41.24	0	596.9	26.48	1.949	-0.01	12.45	
8/23/2011 12:00	18281	12.92	175.3	19.91	26.05	8.57	177.7	24.88	18.89	88.8	91.9	40.5	33.74	0	776.3	26.5	1.933	-0.016	16.33	
8/23/2011 13:00	18282	14.33	164.8	21.84	26.05	9.52	167.1	27.33	18.89	91.3	94.7	31.91	25.51	0	901	26.49	1.889	-0.044	13.82	
8/23/2011 14:00	18283	13.02	158.1	18.56	24.26	8.71	161.2	24.82	20.68	93.3	97	28.76	22.47	0	962	26.48	1.867	-0.022	12.8	
8/23/2011 15:00	18284	10.22	145	25.29	22.47	7.131	147	32.54	15.31	95.6	99.5	25.64	19.61	0	958	26.47	1.844	-0.022	12.39	
8/23/2011 16:00	18285	9.62	146.3	39.37	22.47	6.928	148.9	48.42	17.1	96.9	100.2	23.86	18.16	0	887	26.45	1.822	-0.022	12.41	
8/23/2011 17:00	18286	9.53	133.9	32.21	24.26	6.763	136.4	40.91	22.47	97.9	100.9	22.78	17.3	0	753.8	26.43	1.806	-0.016	12.71	
8/23/2011 18:00	18287	10.13	144.4	41.44	22.47	7.054	147.2	44.88	15.31	97.6	99.9	22.05	16.9	0	580	26.42	1.794	-0.013	12.35	
8/23/2011 19:00	18288	9.3	142.7	26.15	20.68	6.206	143.8	31.47	15.31	97.1	98.7	23.08	18.3	0	375.6	26.41	1.781	-0.013	16.15	
8/23/2011 20:00	18289	8.4	142.1	22.46	15.31	5.472	144.5	27.82	13.52	95.6	96.6	24.24	19.85	0	167.6	26.4	1.772	-0.009	12.49	
8/23/2011 21:00	18290	6.867	135.8	9.7	9.95	3.552	132.9	18.17	6.368	91.4	90	28.08	25.23	0	10.76	26.39	1.768	-0.003	12.36	
8/23/2011 22:00	18291	7.685	125.4	5.291	9.95	3.711	121.2	14.2	6.368	86.4	84.2	32.54	30.16	0	0.019	26.38	1.766	-0.003	12.36	
8/23/2011 23:00	18292	7.824	129.7	5.678	9.95	3.782	122.9	15.56	6.368	84.4	82.3	34.45	32.16	0	0.024	26.38	1.762	-0.003	12.44	
8/24/2011 0:00	18293	7.479	135.2	5.365	9.95	3.277	126.3	14.87	6.368	83	80.6	35.4	33.47	0	0.018	26.38	1.762	0	12.54	
8/24/2011 1:00	18294	7.417	132.1	7.21	13.52	3.344	122.3	16.57	6.368	81.2	78.57	36.97	35.28	0	0.01	26.38	1.759	-0.003	12.36	
8/24/2011 2:00	18295	7.366	137.7	8.13	9.95	3.219	129	16.83	6.368	79.76	77.39	39.23	37.23	0	0.009	26.38	1.759	0	15.54	
8/24/2011 3:00	18296	6.737	165.4	7.084	9.95	2.686	161	12.31	6.368	77.82	75.62	42.76	40.61	0	0.011	26.37	1.759	0	12.54	
8/24/2011 4:00	18297	4.009	162.3	10	6.368	0.673	144.1	12.35	2.789	75.05	72.81	47	45.05	0	0.006	26.36	1.756	-0.003	12.65	
8/24/2011 5:00	18298	4.026	149.6	8.99	6.368	0.986	105.8	11	2.789	74.04	71.88	49.25	47.27	0	0.004	26.35	1.757	0	12.74	
8/24/2011 6:00	18299	4.935	169.3	7.835	6.368	1.235	138.9	16.98	2.789	74.06	71.36	49.99	48.79	0	0.006	26.34	1.76	0.003	12.57	
8/24/2011 7:00	18300	1.227	191.4	23.27	4.578	0.267	337.7	10.76	2.789	72.87	70.81	52.31	49.64	0	0.003	26.35	1.757	-0.003	12.53	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/24/2011 8:00	18301	1.956	201.7	8.75	4.578	0.009	315.8	1.712	2.789	73.59	71.43	52.71	49.89	0	25.21	26.36	9.12	7.366	12.54
8/24/2011 9:00	18302	4.048	198.1	17.36	13.52	2.486	198.1	17.84	8.16	77.5	79.09	50.1	43.68	0	194.4	26.39	9.12	-0.003	16.49
8/24/2011 10:00	18303	9.43	188.9	13.09	15.31	6.5	192.2	18.3	11.74	83.1	85	45.41	39.36	0	399.5	26.43	9.12	0.003	12.4
8/24/2011 11:00	18304	9.48	191.6	19.93	17.1	6.785	194	24.15	13.52	87.9	90	39.22	33.28	0	592.2	26.47	9.11	-0.008	14.56
8/24/2011 12:00	18305	8.25	168.9	28.48	20.68	5.964	173.1	34.86	15.31	91.7	94.4	33.47	27.61	0	765.5	26.5	9.1	-0.013	15.24
8/24/2011 13:00	18306	9.42	156.4	35.19	22.47	6.726	162.7	43.06	17.1	94.1	97.3	30.38	24.33	0	886	26.51	9.08	-0.019	12.45
8/24/2011 14:00	18307	10.2	152.4	37.24	20.68	7.11	156.2	42.81	15.31	95.7	99.5	28.07	21.78	0	944	26.5	9.06	-0.025	14.85
8/24/2011 15:00	18308	10.54	123.6	35.99	22.47	7.393	123.4	44.88	15.31	97.2	101	26.1	19.97	0	937	26.48	9.03	-0.025	12.5
8/24/2011 16:00	18309	9.85	134.3	36.74	20.68	7.1	136.6	45.24	15.31	98.4	101.8	24.44	18.61	0	870	26.46	9	-0.028	15.76
8/24/2011 17:00	18310	9.82	123.5	32.16	20.68	6.742	125.2	39.78	17.1	98.9	102	23.81	18.14	0	685.9	26.44	8.97	-0.035	12.41
8/24/2011 18:00	18311	9.38	126.9	28.59	18.89	6.534	129	39.21	15.31	98.9	101.2	23.74	18.52	0	561.5	26.43	8.94	-0.028	12.78
8/24/2011 19:00	18312	11.35	134	19.62	18.89	7.566	136.7	26.47	15.31	97.7	99.5	24.45	19.5	0	364.6	26.42	8.9	-0.038	14.2
8/24/2011 20:00	18313	10.53	124.1	14.52	18.89	6.74	126.7	23.2	13.52	96	96.9	26.37	21.97	0	147.6	26.41	8.86	-0.041	12.32
8/24/2011 21:00	18314	7.979	127.2	9.71	15.31	4.495	126.9	18.87	9.95	92.4	91.6	30.73	27.28	0	8.27	26.4	8.83	-0.031	16.09
8/24/2011 22:00	18315	7.005	116.9	7.843	9.95	3.367	110	16.62	6.368	88.6	86.8	34.62	31.97	0	0.025	26.41	8.81	-0.015	15.21
8/24/2011 23:00	18316	7.727	118.2	8.01	11.74	3.933	114.9	17.18	8.16	86.2	84.8	37.37	34.37	0	0.03	26.41	8.8	-0.016	12.42
8/25/2011 0:00	18317	8.42	125.6	7.281	11.74	4.509	123.5	16.64	9.95	84.4	83	40.27	37.16	0	0.029	26.41	8.78	-0.016	16.45
8/25/2011 1:00	18318	8.67	139.4	8.44	20.68	4.871	140.1	17.47	9.95	84.5	83.4	41.85	38.58	0	0.022	26.41	8.77	-0.013	12.54
8/25/2011 2:00	18319	7.721	140.6	7.667	11.74	4.053	139	16.97	8.16	83.3	81.9	43.56	40.67	0	0.021	26.42	8.75	-0.022	12.76
8/25/2011 3:00	18320	6.976	145.3	7.577	11.74	3.294	139.3	17.03	6.368	81.2	79.49	46.01	43.63	0	0.021	26.42	8.74	-0.01	12.48
8/25/2011 4:00	18321	3.577	156.5	14.03	8.16	0.983	106.7	27.24	2.789	78.93	76.2	48.83	47.62	0	0.008	26.41	8.73	-0.006	13.45
8/25/2011 5:00	18322	2.467	216.6	12.83	6.368	0.144	270.1	6.653	2.789	78.21	75.82	48.54	47.04	0	0.006	26.4	8.73	-0.002	12.63
8/25/2011 6:00	18323	1.846	216.1	5.772	4.578	0.115	90.6	8.02	2.789	77.54	74.63	48.85	48.42	0	0.004	26.39	8.72	-0.005	12.51
8/25/2011 7:00	18324	1.897	220.5	15.35	4.578	0.43	91.7	13.42	2.789	77.1	73.74	49.53	49.17	0	0.007	26.39	8.72	-0.006	12.49
8/25/2011 8:00	18325	3.476	17.38	29.72	11.74	2.254	39.53	25.49	9.95	76.44	74.35	50.59	48.31	0	18	26.41	8.72	-0.003	12.43
8/25/2011 9:00	18326	6.55	35.85	10.38	11.74	4.095	37.44	12.92	9.95	76.72	77.41	50.75	45.38	0	163.9	26.45	8.7	-0.011	12.45
8/25/2011 10:00	18327	2.918	19.99	43.05	9.95	2.289	13.34	47.61	8.16	85.5	86.4	42.12	36.97	0	374.3	26.49	8.7	0	16.3
8/25/2011 11:00	18328	3.075	243.5	54.67	8.16	2.87	254.9	54.36	8.16	90.7	91.6	37.85	32.77	0	568.5	26.53	8.7	-0.001	16.03
8/25/2011 12:00	18329	4.45	357.1	83.7	9.95	3.78	336.8	79.17	9.95	93.3	94.4	34.12	29.05	0	734.6	26.56	8.7	-0.007	12.61
8/25/2011 13:00	18330	5.38	90.8	57.83	15.31	4.092	87.3	69.38	13.52	97.1	99.2	29.58	24.44	0	854	26.57	8.69	-0.006	16.3
8/25/2011 14:00	18331	8.51	102.6	42.16	24.26	6.105	101.7	51.36	18.89	97.2	100.5	27.88	22.02	0	933	26.56	8.67	-0.019	16.17
8/25/2011 15:00	18332	9.36	138.8	45.82	18.89	6.607	144.2	53.27	15.31	97.8	101	26.18	20.4	0	780.1	26.54	8.65	-0.025	15.56
8/25/2011 16:00	18333	8.49	144.2	50.3	20.68	6.197	147.8	57.35	15.31	100	103	22.47	16.91	0	846	26.52	8.62	-0.025	12.48
8/25/2011 17:00	18334	8.9	132.8	42.66	18.89	6.419	135.8	51.12	15.31	100.4	103.3	21.24	15.89	0	718.3	26.49	8.59	-0.035	12.35
8/25/2011 18:00	18335	7.361	129.5	40.88	17.1	5.166	134.6	48.29	13.52	100.1	102.1	20.41	15.57	0	503.5	26.47	8.54	-0.041	12.39
8/25/2011 19:00	18336	6.405	119.3	44.93	15.31	4.63	118.3	51	11.74	99.7	101	20.42	15.9	0	337.4	26.45	8.52	-0.025	12.41
8/25/2011 20:00	18337	9.85	102.2	17.53	27.84	6.407	102.2	26.09	18.89	97.9	98.8	21.19	16.86	0	156	26.45	8.48	-0.041	12.48
8/25/2011 21:00	18338	19.52	118.3	11.77	33.21	12.08	119.9	20.78	24.26	87	87.2	40.94	36.27	0	7.764	26.46	8.43	-0.044	12.43
8/25/2011 22:00	18339	11.52	140.8	9.91	22.47	7.08	142.6	18.32	15.31	84.3	84.2	44.67	40.36	0	0.02	26.46	8.4	-0.031	12.31
8/25/2011 23:00	18340	5.039	155.6	35.86	11.74	2.697	145.3	36.65	9.95	84.6	83.8	40.09	36.62	0	0.024	26.45	8.39	-0.013	12.45
8/26/2011 0:00	18341	2.394	67.15	70.64	6.368	1.642	46.93	48.16	4.578	83.5	81.7	40.28	37.99	0	0.015	26.45	8.38	-0.01	13.8
8/26/2011 1:00	18342	3.843	181.4	37.26	9.95	1.689	177.4	26.34	8.16	82	80.7	43.19	39.89	0	0.019	26.46	8.37	-0.006	12.52
8/26/2011 2:00	18343	2.285	297.2	24.23	6.368	0.801	337.4	16.86	4.578	80.8	78.76	46.39	43.75	0	0.006	26.45	8.37	-0.006	12.49
8/26/2011 3:00	18344	3.415	18.22	50.06	6.368	1.917	65.98	28.57	4.578	80	77.13	47.95	45.87	0	0.011	26.44	8.36	-0.006	12.53
8/26/2011 4:00	18345	4.524	31.78	14.46	8.16	2.836	37	20.67	8.16	77.33	76.56	50	46.13	0	0.007	26.42	8.35	-0.009	15.6

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/26/2011 5:00	18346	5.472	38.16	14.67	9.95	3.144	42.73	17.05	8.16	75.97	75.44	50.85	46.77	0	0.009	26.42	8.34	-0.01	14.33
8/26/2011 6:00	18347	5.251	41.08	11.34	9.95	3.04	42.26	14.53	9.95	75.9	75.17	51.69	47.87	0	0.008	26.42	8.34	-0.006	16.5
8/26/2011 7:00	18348	7.147	27.36	8.34	11.74	4.834	28.31	11.47	9.95	75.24	74.97	53.79	49.4	0	0.01	26.43	8.33	-0.01	12.49
8/26/2011 8:00	18349	7.013	38.21	10.06	11.74	4.161	40.74	12.51	9.95	74.54	74.36	55.09	50.56	0	19.23	26.45	8.32	-0.007	15.69
8/26/2011 9:00	18350	6.144	57.8	11.4	9.95	4.001	56.32	15.66	8.16	77.17	78.15	51.23	45.7	0	169.6	26.47	8.31	-0.006	15.47
8/26/2011 10:00	18351	4.78	60.34	21.71	8.16	3.407	55.92	24.65	6.368	84.7	86.3	41.77	36.17	0	374	26.51	8.31	-0.004	12.84
8/26/2011 11:00	18352	2.985	39.17	47.36	9.95	2.441	31.67	51.96	8.16	90.8	92.1	35.92	30.83	0	568	26.56	8.31	-0.001	12.54
8/26/2011 12:00	18353	3.867	5.488	46	9.95	3.346	358.9	47.74	8.16	94.7	95.7	31.67	26.85	0	744.3	26.58	8.31	0	12.52
8/26/2011 13:00	18354	4.888	48.76	74.4	13.52	3.866	43.22	73.38	11.74	97.1	99	28.52	23.35	0	816	26.59	8.3	-0.009	12.64
8/26/2011 14:00	18355	7.361	104.2	44.44	17.1	5.234	106	48.78	13.52	96.8	99.6	27.37	21.86	0	713.3	26.57	8.28	-0.016	12.65
8/26/2011 15:00	18356	7.136	145.4	72.68	22.47	5.384	150.8	75.79	17.1	97.5	99.2	26.13	21.09	0	536.2	26.55	8.26	-0.025	12.52
8/26/2011 16:00	18357	8.76	113.8	44.32	20.68	6.232	113.3	51.8	15.31	99.5	102.7	22.04	16.56	0	950	26.53	8.21	-0.047	15.8
8/26/2011 17:00	18358	7.419	123.5	47.18	17.1	5.437	122	53.36	13.52	100.6	103.1	19.63	14.54	0	738	26.51	8.19	-0.025	12.32
8/26/2011 18:00	18359	7.437	91	48.31	20.68	5.442	89.8	55.61	13.52	99.8	101.4	19.27	14.57	0	476.9	26.49	8.15	-0.032	12.42
8/26/2011 19:00	18360	8.51	153.1	41.64	17.1	5.793	156.6	46.74	15.31	98.2	99.3	23.33	18.64	0	326.5	26.47	8.13	-0.029	12.5
8/26/2011 20:00	18361	10.12	130.9	13.93	18.89	6.367	133.4	21.49	13.52	96.5	97.3	24.53	20.2	0	140.5	26.46	8.1	-0.025	12.44
8/26/2011 21:00	18362	7.889	130.9	6.02	15.31	4.099	130.2	15.71	13.52	91.6	90.4	27.47	24.37	0	6.73	26.45	8.08	-0.021	12.19
8/26/2011 22:00	18363	7.116	124.1	5.128	9.95	3.214	113.8	14.1	6.368	87.5	85	29.12	27.23	0	0.017	26.45	8.06	-0.015	13
8/26/2011 23:00	18364	6.96	118.8	7.768	9.95	3.057	106.5	14.26	4.578	85.2	82.2	31.38	29.48	0	0.012	26.45	8.05	-0.013	12.3
8/27/2011 0:00	18365	6.762	124.5	11.11	9.95	2.801	107.9	14.62	4.578	83.5	80.6	34.92	33.12	0	0.013	26.45	8.04	-0.01	12.47
8/27/2011 1:00	18366	6.557	134.8	6.323	9.95	2.899	100.9	12.37	4.578	82	78.33	37.06	36.19	0	0.011	26.45	8.04	-0.006	12.42
8/27/2011 2:00	18367	7.099	148.5	9.33	9.95	2.875	137.3	18.31	4.578	79.71	76.8	38.37	37	0	0.007	26.45	8.02	-0.016	12.45
8/27/2011 3:00	18368	6.651	157.2	9.73	9.95	2.849	152.9	15.11	6.368	76.9	74.99	41.64	39.12	0	0.008	26.44	8.01	-0.009	16.32
8/27/2011 4:00	18369	3.809	177.2	7.147	6.368	0.225	155.7	3.336	2.789	75.23	72.72	44.91	43.05	0	0.003	26.43	7.977	-0.034	16.31
8/27/2011 5:00	18370	1.574	178.6	16.37	4.578	0.125	328.8	2.063	2.789	73.57	71.43	48.39	45.82	0	0.002	26.42	7.974	-0.002	16.26
8/27/2011 6:00	18371	0.419	201.1	7.306	4.578	0.011	325.3	0.481	2.789	72.49	70.49	50.94	47.27	0	0.003	26.42	7.971	-0.003	16.43
8/27/2011 7:00	18372	0.098	264.2	2.67	2.789	0	0	0	0	71.48	69.62	53.1	49.16	0	0.003	26.42	7.968	-0.003	12.55
8/27/2011 8:00	18373	0.436	260.7	3.064	2.789	0	0	0	0	71.95	70.13	53.09	49.36	0	20.38	26.43	7.962	-0.006	15.93
8/27/2011 9:00	18374	2.208	329.7	4.905	6.368	1.433	334.8	5.165	4.578	77.52	78.54	45.9	40.12	0	179.3	26.46	7.957	-0.005	12.89
8/27/2011 10:00	18375	2.998	261.7	27.27	8.16	2.511	258.1	24.48	8.16	86.2	87.6	35.32	29.89	0	384.1	26.51	7.956	-0.001	12.55
8/27/2011 11:00	18376	5.78	221.4	23.99	9.95	4.613	224.7	26.91	9.95	90.8	92	31.05	26.01	0	583.2	26.56	7.951	-0.005	12.74
8/27/2011 12:00	18377	6.24	216.6	64.03	17.1	5.072	222	64.49	13.52	94.3	96	27.91	22.67	0	765.5	26.58	7.951	0	12.53
8/27/2011 13:00	18378	7.191	143.4	47.71	17.1	5.333	148.5	56.95	13.52	96.2	99.1	24.85	19.32	0	892	26.58	7.936	-0.016	12.53
8/27/2011 14:00	18379	7.698	137.7	56.81	18.89	5.711	143.7	63.99	15.31	98	100.8	22.04	16.73	0	960	26.57	7.917	-0.019	12.45
8/27/2011 15:00	18380	8.96	141.5	62.58	17.1	6.663	150.1	67.88	13.52	98.5	101.6	20.51	14.98	0	947	26.55	7.891	-0.025	12.52
8/27/2011 16:00	18381	7.755	170	47.27	22.47	5.77	176.6	57.56	20.68	100.3	103.2	18.76	13.4	0	902	26.53	7.856	-0.035	12.47
8/27/2011 17:00	18382	9.48	143.5	36.47	20.68	6.622	146.6	42.46	17.1	99.7	102.5	17.68	12.45	0	650.3	26.5	7.821	-0.035	14.99
8/27/2011 18:00	18383	6.988	138.4	48.29	18.89	5.199	139	56.87	15.31	100.2	102.1	16.94	12.15	0	554.4	26.48	7.796	-0.025	12.67
8/27/2011 19:00	18384	8.45	144.3	27.05	17.1	5.787	145.2	33.98	15.31	98.9	100.3	17.5	12.96	0	351	26.47	7.768	-0.029	12.4
8/27/2011 20:00	18385	9.64	146.5	14.31	17.1	6.021	150	19.79	13.52	96.6	97.2	17.92	13.77	0	142.7	26.45	7.733	-0.035	12.51
8/27/2011 21:00	18386	7.443	131.9	9.12	13.52	3.762	126.8	20.29	8.16	91.5	89.8	20.56	17.57	0	7.798	26.44	7.689	-0.044	12.35
8/27/2011 22:00	18387	7.37	125.8	5.927	9.95	3.201	117.2	16.69	4.578	85.9	82.7	25.5	23.39	0	0.015	26.43	7.674	-0.015	12.6
8/27/2011 23:00	18388	7.227	129.7	7.122	9.95	2.965	117.1	14	4.578	84.5	80.9	28.56	27.03	0	0.012	26.42	7.658	-0.016	12.48
8/28/2011 0:00	18389	8.02	139.4	9.2	11.74	3.565	131.8	17.7	8.16	82.7	79.72	30.35	28.51	0	0.015	26.41	7.645	-0.013	12.26
8/28/2011 1:00	18390	7.439	149.9	10.04	15.31	2.84	140.2	16.52	6.368	80.3	77.04	31.21	29.85	0	0.011	26.41	7.633	-0.012	12.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/28/2011 2:00	18391	8.65	153.1	7.72	13.52	4.304	148.9	15.91	9.95	79.15	77.09	33.26	30.54	0	0.009	26.4	7.623	-0.01	12.4
8/28/2011 3:00	18392	8.94	186.9	11.33	15.31	5.092	187.7	17.59	9.95	79.87	78.59	37.37	33.94	0	0.012	26.4	7.614	-0.009	12.52
8/28/2011 4:00	18393	4.47	193.5	24.02	8.16	1.529	159.6	37.49	4.578	77.46	75.02	41.28	39.29	0	0.012	26.4	7.608	-0.006	12.45
8/28/2011 5:00	18394	1.656	262.3	18.2	4.578	0.529	355.5	14.16	2.789	74.98	72.63	43.42	41.42	0	0.006	26.39	7.606	-0.002	12.59
8/28/2011 6:00	18395	2.728	295.5	9.78	4.578	0.547	336.1	29.87	4.578	74.84	71.28	42.79	41.72	0	0.002	26.38	7.6	-0.006	12.57
8/28/2011 7:00	18396	0.088	151.2	1.544	2.789	1.498	99.2	15.17	4.578	73.35	69.26	44.99	43.74	0	0.003	26.38	7.597	-0.003	14.62
8/28/2011 8:00	18397	1.067	290.7	6.328	4.578	0.022	13.42	4.635	2.789	73.99	69.81	44.7	43.84	0	19	26.38	7.594	-0.003	12.46
8/28/2011 9:00	18398	2.375	290.4	16.25	4.578	1.807	294.9	20.5	4.578	77.02	77.15	40.89	35.93	0	177.9	26.4	7.586	-0.008	12.45
8/28/2011 10:00	18399	7.112	251.4	14.81	13.52	5.873	250.4	16.1	11.74	85.3	86.2	32.02	27.14	0	385.1	26.44	7.582	-0.004	12.93
8/28/2011 11:00	18400	11.47	224.8	15.58	18.89	8.41	225.4	17.4	15.31	91	92.5	26.51	21.51	0	584.4	26.48	7.574	-0.008	14.11
8/28/2011 12:00	18401	10.41	214.7	18.69	18.89	7.82	216.6	21.27	15.31	94	96	24.15	18.86	0	766.5	26.5	7.555	-0.019	12.47
8/28/2011 13:00	18402	9.85	215.4	25.53	26.05	7.442	219.5	29.69	22.47	96	98.3	20.34	15.02	0	890	26.5	7.536	-0.019	12.41
8/28/2011 14:00	18403	10.77	200	29.68	24.26	7.962	204.9	33.88	17.1	97.5	100.1	16.33	11.06	0	956	26.49	7.505	-0.031	12.95
8/28/2011 15:00	18404	10.77	192.8	27.94	22.47	7.78	195.9	33.27	18.89	98.8	101.9	15.23	9.89	0	945	26.47	7.466	-0.038	16.17
8/28/2011 16:00	18405	11.46	189.3	29.53	33.21	8.06	191.8	34.8	29.63	99.1	102.1	14.02	8.72	0	869	26.45	7.416	-0.051	12.42
8/28/2011 17:00	18406	11.8	198.8	25.7	22.47	8.41	201.7	29.38	18.89	99.3	101.8	13.62	8.48	0	733.6	26.43	7.381	-0.035	15.98
8/28/2011 18:00	18407	10.94	179.6	22.77	22.47	7.46	182	28.3	17.1	99.3	101.3	12	7.177	0	556.3	26.41	7.34	-0.041	16.18
8/28/2011 19:00	18408	8.64	193.3	21.99	20.68	6.16	199.2	25.52	15.31	99	100	12.49	8.03	0	349.6	26.4	7.308	-0.032	12.44
8/28/2011 20:00	18409	9.45	192.5	13.57	18.89	6.151	195.8	18.34	13.52	97.1	97.5	15.05	10.85	0	139.3	26.38	7.273	-0.035	12.56
8/28/2011 21:00	18410	6.109	172.8	8.2	9.95	2.443	162.6	17.54	6.368	92.1	89.3	17.9	15.69	0	6.712	26.36	7.258	-0.015	16.21
8/28/2011 22:00	18411	6.549	166.6	4.675	9.95	2.035	146.9	13.65	4.578	87.4	82.9	19.99	18.75	0	0.014	26.35	7.243	-0.015	16.22
8/28/2011 23:00	18412	7.406	167.9	5.911	9.95	3.082	163.6	12.31	6.368	84.6	81.6	23.23	20.87	0	0.019	26.34	7.224	-0.019	16.23
8/29/2011 0:00	18413	6.463	164	6.225	9.95	2.429	158.8	11.81	4.578	81.1	78	26.52	24.55	0	0.011	26.33	7.208	-0.015	12.46
8/29/2011 1:00	18414	3.919	165.1	13.26	11.74	0.946	146.1	11.53	4.578	79.76	76.83	27.78	25.84	0	0.009	26.32	7.196	-0.012	13
8/29/2011 2:00	18415	2.239	174.8	13.06	4.578	0.99	114.3	11.01	4.578	79.81	77.03	27.72	25.73	0	0.011	26.32	7.19	-0.006	12.43
8/29/2011 3:00	18416	0.958	186.2	6.884	4.578	1.997	90	5.916	4.578	78.92	75.32	28.39	27.34	0	0.009	26.32	7.183	-0.007	12.42
8/29/2011 4:00	18417	2.242	295.8	19.87	6.368	1.051	351.3	27.94	2.789	78.88	75.62	28.77	27.03	0	0.011	26.32	7.177	-0.006	12.58
8/29/2011 5:00	18418	2.545	315.9	7.461	6.368	1.348	55.64	38.32	4.578	78.61	73.98	29.94	28.88	0	0.007	26.32	7.172	-0.005	16.1
8/29/2011 6:00	18419	3.612	324.3	10.56	6.368	1.199	343.8	7.805	4.578	80.1	77.13	30.08	28.2	0	0.01	26.32	7.171	-0.001	15.5
8/29/2011 7:00	18420	5.61	343	22.04	11.74	3.191	355.1	21	8.16	79.06	76.51	31.72	29.22	0	0.016	26.34	7.164	-0.007	12.43
8/29/2011 8:00	18421	5.963	33.06	20.34	11.74	3.826	36.58	29.56	11.74	78.55	77.15	32.09	28.89	0	5.872	26.35	7.151	-0.013	12.47
8/29/2011 9:00	18422	6.058	108.2	23.48	11.74	3.864	110.2	24.94	8.16	78.04	77.37	33.68	30.18	0	89.2	26.36	7.148	-0.003	16.27
8/29/2011 10:00	18423	5.726	141.2	15.74	9.95	3.847	144.1	23.08	8.16	85.4	86.1	27.61	23.33	0	267.9	26.38	7.144	-0.003	12.5
8/29/2011 11:00	18424	8.23	198.1	24.53	15.31	6.079	203.3	26.3	11.74	93.3	95.2	22.28	17.23	0	556	26.43	7.13	-0.014	12.48
8/29/2011 12:00	18425	8.23	224.5	16.63	15.31	6.357	225.9	18.95	11.74	93.1	94	22.01	17.38	0	360	26.45	7.118	-0.013	13.84
8/29/2011 13:00	18426	9.46	247.6	36.49	18.89	6.708	250.1	39.47	17.1	94.9	95.8	19.76	15.17	0	261.7	26.44	7.093	-0.025	12.35
8/29/2011 14:00	18427	8.89	278.2	13.48	15.31	7.446	278.1	16.43	13.52	94.2	94.6	19.6	15.14	0	249.9	26.42	7.077	-0.016	12.35
8/29/2011 15:00	18428	7.891	280.5	21.63	15.31	6.804	281.9	24.97	13.52	97	97.8	18	13.27	0	633.5	26.41	7.039	-0.038	15.45
8/29/2011 16:00	18429	7.328	192.8	30.13	18.89	5.426	204.4	45.87	26.05	99.8	101.2	16.15	11.33	0	720.2	26.41	7.029	-0.01	12.31
8/29/2011 17:00	18430	5.528	180.5	27.58	18.89	4.811	218.7	25.21	11.74	100.5	99.7	15.02	11.62	0	389.9	26.38	7.004	-0.025	12.43
8/29/2011 18:00	18431	5.77	187.5	29.4	18.89	6.078	212.3	35.45	13.52	101.9	101.4	14.18	10.48	0.11	552.7	26.36	6.421	-0.583	12.54
8/29/2011 19:00	18432	6.405	183.2	39	13.52	4.565	189.6	41.02	9.95	101.5	102.4	14.06	9.66	0	395.4	26.34	6.392	-0.029	12.86
8/29/2011 20:00	18433	9	191.8	14.22	17.1	5.718	197.3	16.89	13.52	98.3	98.4	15.24	11.15	0	96.2	26.33	6.364	-0.028	15.12
8/29/2011 21:00	18434	6.345	149.2	12.57	8.16	2.249	141.4	18.71	4.578	93.4	90.9	18.38	15.95	0	4.204	26.31	6.348	-0.015	16.22
8/29/2011 22:00	18435	7.316	160.4	10.71	11.74	3.539	163.7	17.13	6.368	90.9	89.2	21.68	18.4	0	0.031	26.32	6.333	-0.015	12.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/29/2011 23:00	18436	5.588	171.8	12.88	8.16	2.043	170.4	18.02	6.368	89.1	87.3	24.86	21.89	0	0.039	26.33	6.327	-0.006	12.29
8/30/2011 0:00	18437	8.57	168.2	13.73	15.31	4.556	171.1	20.78	11.74	88.1	86.7	25.97	22.69	0	0.034	26.32	6.311	-0.016	12.46
8/30/2011 1:00	18438	14.35	174.7	11.06	24.26	8.64	180.9	16.71	18.89	89.8	89.2	26.12	22.24	0	0.061	26.32	6.292	-0.019	14
8/30/2011 2:00	18439	15.54	180	8.49	24.26	9.46	186.5	15.33	18.89	87.6	87	31.36	27.39	0	0.04	26.33	6.273	-0.019	14.19
8/30/2011 3:00	18440	11.55	186.6	8.94	18.89	7.069	192.8	14.05	15.31	85	84.3	35.89	32.03	0	0.042	26.32	6.257	-0.016	14.45
8/30/2011 4:00	18441	10.99	182.9	8.72	18.89	6.68	189.4	14.71	13.52	83.3	82.6	37.33	33.55	0	0.031	26.31	6.244	-0.013	15.66
8/30/2011 5:00	18442	9.74	174.9	8.29	15.31	5.543	181.4	15.55	9.95	81.5	80.6	38.41	34.75	0	0.032	26.3	6.232	-0.013	12.13
8/30/2011 6:00	18443	11.57	168.9	8.44	17.1	6.711	175.7	16.12	13.52	80.3	79.67	38.64	34.7	0	0.035	26.29	6.216	-0.016	12.52
8/30/2011 7:00	18444	11.07	176.6	9.47	17.1	6.561	183.2	16.2	11.74	79.51	78.9	38.46	34.51	0	0.024	26.29	6.206	-0.01	12.42
8/30/2011 8:00	18445	9.19	177.3	8.92	17.1	5.244	184.7	15.27	13.52	77.75	76.92	40.14	36.4	0	9.15	26.3	6.178	-0.028	14.48
8/30/2011 9:00	18446	11.16	187.5	10.25	18.89	7.183	195.7	14.79	15.31	80.3	80.6	37.01	32.47	0	138.4	26.31	6.168	-0.01	12.71
8/30/2011 10:00	18447	13.93	193.6	9.6	20.68	9.27	199.8	14.38	17.1	85.3	86.4	32.45	27.4	0	361.8	26.34	6.155	-0.013	12.46
8/30/2011 11:00	18448	16.09	211	11.57	24.26	10.99	215.4	14.35	18.89	90.3	91.9	27.8	22.52	0	577.3	26.37	6.139	-0.017	16.25
8/30/2011 12:00	18449	14.7	217.5	11.11	24.26	10	221.8	16.15	18.89	93.7	96	24.78	19.2	0	754.6	26.39	6.119	-0.019	12.46
8/30/2011 13:00	18450	14.4	216.8	14.58	24.26	10.11	221.1	18.05	18.89	97.9	100.2	20.69	15.29	0	819	26.4	6.094	-0.025	12.35
8/30/2011 14:00	18451	12.44	211.1	17.73	24.26	8.61	216.5	20.42	18.89	99.3	101.3	18.3	13.22	0	639	26.39	6.059	-0.035	12.17
8/30/2011 15:00	18452	10.4	235.5	28.55	20.68	7.86	240	31.59	17.1	102.6	104.7	15.5	10.36	0	841	26.38	6.024	-0.035	12.03
8/30/2011 16:00	18453	7.493	186.2	34.98	17.1	5.623	194.4	36.8	13.52	104	106.1	13.96	9.06	0	747.9	26.36	5.996	-0.028	12.42
8/30/2011 17:00	18454	9.3	199.4	24.75	18.89	6.633	205.3	29.48	15.31	103.2	105.1	14.2	9.27	0	444.9	26.33	5.958	-0.038	12.1
8/30/2011 18:00	18455	8.19	187.9	27.88	17.1	5.797	194.7	31.98	13.52	102.9	104.4	14.13	9.45	0	341.6	26.32	5.926	-0.032	16.3
8/30/2011 19:00	18456	11.24	130.6	67.3	36.78	7.799	134.9	73.3	31.42	99.6	99.7	16.83	13.47	0	200.9	26.3	5.895	-0.032	13.99
8/30/2011 20:00	18457	9.49	195.8	30.07	20.68	6.136	202.9	32.46	17.1	98	97.9	17.77	13.84	0	35.83	26.29	5.869	-0.025	15.56
8/30/2011 21:00	18458	5.197	196.2	76.19	11.74	3.492	200.1	69.63	9.95	94.1	93.6	22.34	18.41	0	0.687	26.32	5.851	-0.019	15.04
8/30/2011 22:00	18459	7.313	191.4	43.69	20.68	4.728	197.8	44.77	18.89	92	91.3	24.97	21.19	0	0.037	26.35	5.838	-0.013	12.36
8/30/2011 23:00	18460	14	173.8	13.78	24.26	8.39	179.6	18.91	17.1	89	88.7	29.2	25.09	0	0.046	26.35	5.813	-0.025	12.32
8/31/2011 0:00	18461	14.73	160.5	10.48	26.05	8.73	166.1	17.12	18.89	88.3	87.8	26.33	22.49	0	0.037	26.34	5.791	-0.022	12.49
8/31/2011 1:00	18462	14.82	162.5	17.52	24.26	9.03	168.9	22.59	18.89	86.9	86.5	27.81	23.69	0	0.045	26.34	5.772	-0.019	12.48
8/31/2011 2:00	18463	17.23	173.6	10.03	29.63	10.27	179.9	17.07	20.68	84.8	84.4	30	25.86	0	0.041	26.34	5.756	-0.016	12.52
8/31/2011 3:00	18464	14.97	169.9	11.4	26.05	8.86	175.1	18.13	18.89	83.8	83.3	31.35	27.23	0	0.025	26.34	5.737	-0.019	12.61
8/31/2011 4:00	18465	13.17	174.8	11.44	29.63	7.869	181.8	17.88	22.47	82.9	82.3	32.51	28.5	0	0.027	26.34	5.699	-0.038	12.37
8/31/2011 5:00	18466	10.04	180.2	9.08	22.47	5.842	187.5	15.13	15.31	81.1	80.2	34.32	30.57	0	0.02	26.34	5.686	-0.013	16.49
8/31/2011 6:00	18467	12.68	175	9.13	20.68	7.656	181.5	16.27	15.31	81.3	80.9	34.47	30.28	0	0.025	26.33	5.674	-0.013	16.21
8/31/2011 7:00	18468	13.82	163.7	9.38	22.47	8.1	169.5	16.48	18.89	80.6	80.2	36.48	32.25	0	0.027	26.34	5.667	-0.006	16.25
8/31/2011 8:00	18469	13.83	172.3	15.15	24.26	8.24	179	20.37	17.1	79.64	79.31	39.26	34.89	0	5.952	26.35	5.658	-0.01	16.57
8/31/2011 9:00	18470	6.786	199.1	12.97	15.31	4.257	204.6	16.21	11.74	78.93	78.76	40.37	35.97	0	49.49	26.37	5.648	-0.01	12.34
8/31/2011 10:00	18471	14.48	180.9	9.77	20.68	9.21	187.5	15.95	17.1	82.3	83.4	36.88	31.54	0	315.9	26.38	5.636	-0.013	16.43
8/31/2011 11:00	18472	13.51	175.5	11.24	22.47	8.54	182.4	17.81	17.1	84.9	86.5	34.24	28.7	0	369.5	26.41	5.616	-0.019	12.53
8/31/2011 12:00	18473	13.77	176.1	13.08	22.47	8.76	183	18.93	17.1	89.8	92.9	28.72	22.52	0	795.6	26.44	5.6	-0.017	12.47
8/31/2011 13:00	18474	15.11	177.9	14.85	22.47	9.68	183.9	20.33	18.89	93.8	97.8	24.29	17.85	0	1038	26.46	5.571	-0.029	12.26
8/31/2011 14:00	18475	14.13	182.7	16.38	22.47	9.16	189.7	20.95	18.89	95.5	98.9	21.86	15.87	0	850	26.46	5.54	-0.031	14.47
8/31/2011 15:00	18476	12.23	164.3	16.39	20.68	8.06	171.5	22.3	17.1	96.6	99.8	21.21	15.45	0	723.2	26.45	5.508	-0.032	12.46
8/31/2011 16:00	18477	12.54	168.9	23.6	22.47	8.47	177.2	27.75	17.1	98.4	101.6	22.16	16.27	0	876	26.43	5.476	-0.032	12.37
8/31/2011 17:00	18478	14.96	148.8	16.77	26.05	9.55	156.5	22.19	18.89	99	102	19.79	14.19	0	718.6	26.41	5.432	-0.044	12.27
8/31/2011 18:00	18479	16.05	154.8	14.88	27.84	10.06	162.6	21.05	20.68	98.3	100.6	19.59	14.34	0	532.7	26.41	5.391	-0.041	12.24
8/31/2011 19:00	18480	16.6	152.1	12	29.63	10.1	158.1	18.55	18.89	96.5	97.8	20.82	16.01	0	328	26.4	5.34	-0.051	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/31/2011 20:00	18481	16.75	161.6	10.33	26.05	10.15	168.1	16.71	18.89	93.7	93.9	21.26	16.96	0	117.4	26.4	5.305	-0.035	12.33
8/31/2011 21:00	18482	12.41	165.1	8.89	20.68	7.156	171.3	16.39	15.31	89.8	89.2	22.28	18.39	0	2.696	26.39	5.271	-0.034	12.45
8/31/2011 22:00	18483	9.87	162.2	7.559	15.31	5.413	167.6	15.35	9.95	86.3	85.3	24.83	21.16	0	0.026	26.4	5.255	-0.016	12.46
8/31/2011 23:00	18484	9.14	164.3	7.866	15.31	4.793	169.7	15.71	9.95	83.8	82.6	28.24	24.61	0	0.028	26.41	5.243	-0.013	14.21
9/1/2011 0:00	18485	8.99	168.5	7.735	13.52	4.87	173.8	15.35	9.95	81.3	80.2	32.25	28.54	0	0.018	26.41	5.23	-0.013	12.46
9/1/2011 1:00	18486	8.75	165.2	7.725	24.26	4.734	170.1	15.5	11.74	79.39	78.4	36.34	32.55	0	0.02	26.41	5.217	-0.013	16
9/1/2011 2:00	18487	7.563	167.5	8.33	11.74	3.778	171.8	15.88	8.16	77.12	75.87	40.38	36.86	0	0.015	26.4	5.208	-0.009	12.45
9/1/2011 3:00	18488	7.094	176.9	18.5	11.74	3.621	182.9	24.57	8.16	75.39	74.14	43.49	40.03	0	0.01	26.39	5.199	-0.009	16.51
9/1/2011 4:00	18489	4.871	148.7	19.44	8.16	1.472	128.2	23.32	4.578	73.22	71.05	46.77	44.41	0	0.004	26.39	5.197	-0.002	12.61
9/1/2011 5:00	18490	5.67	153.7	7.122	9.95	1.862	138.2	18.07	6.368	72.91	70.43	48.36	46.53	0	0.004	26.38	5.194	-0.003	16.44
9/1/2011 6:00	18491	6.314	155.9	6.388	9.95	1.886	144	16.32	6.368	72.17	69.04	50.18	49.06	0	0.003	26.38	5.19	-0.003	13.93
9/1/2011 7:00	18492	7.684	158.5	6.697	13.52	3.861	160.9	13.59	8.16	71.47	70.05	53.93	50.66	0	0.007	26.39	5.184	-0.006	12.41
9/1/2011 8:00	18493	10.97	162.1	8.2	20.68	6.197	167.2	15.72	13.52	72.44	71.85	62.84	58.4	0	15.95	26.4	5.181	-0.003	16.41
9/1/2011 9:00	18494	14.28	164.4	9.66	24.26	8.5	171.8	17.7	17.1	74.67	75.46	63.72	57.8	0	172.6	26.43	5.176	-0.005	12.37
9/1/2011 10:00	18495	18.9	166.5	10.07	29.63	11.34	173.3	18.36	22.47	78.97	80.3	48.58	42.76	0	384.9	26.46	5.167	-0.01	12.33
9/1/2011 11:00	18496	17.58	168.9	12.87	26.05	10.86	176.5	18.94	18.89	82.2	84.4	42.17	35.77	0	582.9	26.5	5.15	-0.016	12.4
9/1/2011 12:00	18497	15.4	170.1	14.38	24.26	9.88	177.4	19.92	18.89	84.8	87.8	38.61	31.79	0	760	26.52	5.137	-0.013	12.55
9/1/2011 13:00	18498	12.45	158.8	22.67	26.05	8.12	166.2	28.32	18.89	87.4	90.9	35.32	28.44	0	881	26.52	5.121	-0.016	12.39
9/1/2011 14:00	18499	12.45	141.9	24.32	29.63	8.08	148	32.19	22.47	89.1	93	32.46	25.51	0	942	26.51	5.093	-0.029	12.41
9/1/2011 15:00	18500	12.81	143.5	25.76	24.26	8.38	151.1	33.88	18.89	90.4	94.5	29.51	22.71	0	935	26.49	5.061	-0.032	12.62
9/1/2011 16:00	18501	11.58	133.8	26.05	22.47	7.62	141	33.46	20.68	91.8	95.5	27.68	21.35	0	861	26.47	5.026	-0.034	12.26
9/1/2011 17:00	18502	12.27	156.8	26.64	22.47	7.942	165.5	31.81	17.1	92	95.4	26.85	20.62	0	726	26.45	4.988	-0.038	15.5
9/1/2011 18:00	18503	11.23	128.8	21.69	24.26	7.293	134.2	29.79	17.1	92	94.7	25.35	19.71	0	546.7	26.43	4.957	-0.032	12.48
9/1/2011 19:00	18504	11.78	127.4	18.39	22.47	7.342	133.6	26.47	18.89	91.2	92.8	26.65	21.61	0	337.2	26.42	4.928	-0.029	12.41
9/1/2011 20:00	18505	12.03	139.6	13.79	20.68	7.169	147.5	21.5	15.31	89.6	90	27.65	23.29	0	123.4	26.4	4.9	-0.028	12.43
9/1/2011 21:00	18506	7.993	122.7	8.26	15.31	4.134	123.9	18.1	9.95	85.1	84	30.48	27.17	0	3.77	26.39	4.878	-0.022	14.34
9/1/2011 22:00	18507	7.423	116.2	5.399	9.95	3.273	113.8	14.81	6.368	80.8	78.52	33.99	31.67	0	0.014	26.38	4.865	-0.013	12.32
9/1/2011 23:00	18508	7.551	108.9	14.57	11.74	3.431	104.4	20.84	6.368	78.95	76.35	35.22	33.2	0	0.01	26.38	4.859	-0.006	16.15
9/2/2011 0:00	18509	7.945	107.6	9.69	11.74	4.161	106.9	19.62	8.16	76.88	75.41	39.1	35.81	0	0.012	26.38	4.85	-0.009	13.24
9/2/2011 1:00	18510	7.912	118.5	17.41	11.74	3.819	116.3	25.63	6.368	75.4	73.67	41.79	38.95	0	0.009	26.38	4.844	-0.006	12.56
9/2/2011 2:00	18511	7.634	121.3	7.831	11.74	3.368	118	17.96	6.368	74.62	72.15	41.87	40.09	0	0.006	26.37	4.838	-0.006	12.39
9/2/2011 3:00	18512	6.972	118.8	7.898	9.95	2.862	114.1	17.68	6.368	73.79	71.35	41.06	39.33	0	0.005	26.37	4.832	-0.006	12.38
9/2/2011 4:00	18513	6.839	120.5	9.1	8.16	2.657	102	15.17	4.578	71.92	68.8	42.35	41.39	0	0.004	26.36	4.829	-0.003	12.51
9/2/2011 5:00	18514	6.725	124.9	9.9	11.74	2.415	113.2	16.29	6.368	71.06	68.12	43.84	42.53	0	0.003	26.35	4.82	-0.01	16.58
9/2/2011 6:00	18515	1.637	152.3	20.74	6.368	0.265	308.4	26.06	2.789	69.9	67.5	47.33	45.03	0	0.002	26.34	4.816	-0.003	12.55
9/2/2011 7:00	18516	0.742	170.3	28.05	4.578	0.551	78.72	8.74	4.578	70.42	68.13	50.5	47.09	0	0.002	26.34	4.807	-0.01	15.05
9/2/2011 8:00	18517	2.337	123.2	20.14	4.578	0.941	72.68	6.69	4.578	71.2	68.71	52.99	50.3	0	16.41	26.35	4.804	-0.003	12.46
9/2/2011 9:00	18518	4.367	172.5	18.89	13.52	2.416	184.8	17.73	9.95	74.15	75.52	54.14	47.48	0	179.5	26.37	4.8	-0.004	12.5
9/2/2011 10:00	18519	12.33	168.5	11.37	20.68	7.748	176.5	17.99	15.31	79.48	81.2	54.65	47.87	0	405.5	26.41	4.796	-0.004	12.41
9/2/2011 11:00	18520	12.95	167.1	14.91	20.68	8.28	173.7	20.61	15.31	83.2	85.5	48.58	41.71	0	518.7	26.44	4.792	-0.004	15.14
9/2/2011 12:00	18521	10.71	153.7	24.98	20.68	7.113	161.2	29.11	17.1	85.3	88.2	42.74	35.9	0	697.7	26.46	4.785	-0.006	12.35
9/2/2011 13:00	18522	11.49	159.8	21.86	22.47	7.541	167	26.94	15.31	87.2	90.5	40.36	33.28	0	784.3	26.46	4.77	-0.016	12.56
9/2/2011 14:00	18523	11.26	149.4	27.08	27.84	7.684	156.5	32.87	22.47	89.6	93.3	36.25	29.18	0	885	26.45	4.747	-0.022	12.39
9/2/2011 15:00	18524	11.3	155.7	33.09	27.84	7.725	163.4	38.3	18.89	91.6	95.3	32.81	25.94	0	947	26.43	4.722	-0.026	15.63
9/2/2011 16:00	18525	10.43	157.2	32.48	24.26	7.22	165.1	37.02	17.1	93	96.4	30.93	24.43	0	839	26.41	4.69	-0.031	12.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/2/2011 17:00	18526	9.99	166.4	34.42	24.26	6.915	175.3	37.7	17.1	94.3	97.2	29.69	23.51	0	686.2	26.39	4.649	-0.041	16.26
9/2/2011 18:00	18527	10.49	142.2	27.09	24.26	6.935	149.1	32.94	18.89	93.9	96.7	28.86	22.98	0	571.1	26.38	4.617	-0.031	16.32
9/2/2011 19:00	18528	10.22	130.9	16.66	17.1	6.643	136.6	25.08	15.31	93.4	95.1	27.67	22.52	0	348	26.36	4.592	-0.025	13.86
9/2/2011 20:00	18529	8.64	138.1	19.18	15.31	5.281	144.9	24.98	9.95	91.8	92.2	28.72	24.4	0	100.3	26.35	4.57	-0.022	12.38
9/2/2011 21:00	18530	7.585	127.1	10.06	13.52	3.866	128.7	19.71	8.16	87.5	86.3	32.15	28.91	0	3.423	26.33	4.542	-0.028	12.34
9/2/2011 22:00	18531	7.403	115	5.545	9.95	3.393	114.9	15.26	6.368	83.2	81.1	35.42	33.03	0	0.017	26.33	4.526	-0.015	12.29
9/2/2011 23:00	18532	7.325	109.2	7.929	9.95	3.43	106.1	17.28	6.368	80.8	79.05	37.14	34.39	0	0.018	26.33	4.52	-0.006	12.43
9/3/2011 0:00	18533	7.657	114.7	8.7	9.95	3.746	113	17.82	6.368	79.16	77.51	39.02	36.06	0	0.014	26.33	4.51	-0.01	12.37
9/3/2011 1:00	18534	7.738	117.2	7.695	13.52	3.613	112.5	16.73	6.368	77.94	76.1	42.87	40.06	0	0.01	26.32	4.501	-0.009	14.48
9/3/2011 2:00	18535	5.846	132.9	39.91	9.95	2.581	123.2	44.5	6.368	76.1	74.29	46.56	43.87	0	0.007	26.31	4.495	-0.006	12.58
9/3/2011 3:00	18536	2.055	214.1	19.85	6.368	0.222	250.6	11.47	2.789	74.78	72.53	48.32	46.26	0	0.006	26.3	4.493	-0.002	12.5
9/3/2011 4:00	18537	1.192	163.8	19.38	4.578	0.232	65.96	1.876	2.789	74.3	71.71	48.59	47.38	0	0.004	26.29	4.49	-0.003	16.42
9/3/2011 5:00	18538	1.542	22.58	58.56	9.95	1.018	47.45	33.73	6.368	73.16	70.46	49.16	47.36	0	0.004	26.28	4.487	-0.003	12.47
9/3/2011 6:00	18539	3.405	27.43	19.57	6.368	1.716	34.09	22.11	4.578	71.27	69.61	50.29	47.56	0	0.004	26.27	4.474	-0.013	15.36
9/3/2011 7:00	18540	2.477	34.82	11.27	6.368	1.206	41.82	27.86	4.578	70.97	68.57	50.56	48.36	0	0.004	26.28	4.471	-0.003	16.68
9/3/2011 8:00	18541	5.219	84.5	7.241	8.16	2.586	70.1	12.72	4.578	72.33	67.73	50.42	50.25	0	16.34	26.28	4.468	-0.003	16.75
9/3/2011 9:00	18542	2.818	66	10.4	6.368	1.292	57.35	8.24	4.578	75.48	76.63	47.36	41.58	0	180.8	26.3	4.463	-0.004	16.59
9/3/2011 10:00	18543	3.804	189.3	21.16	13.52	2.867	201	31.11	9.95	84.6	85.8	39.36	33.95	0	389.9	26.35	4.46	-0.004	12.87
9/3/2011 11:00	18544	5.748	201.1	23.18	11.74	4.483	210.3	25.75	9.95	87.4	89	37.82	32.1	0	588.1	26.4	4.456	-0.004	15.02
9/3/2011 12:00	18545	6.926	188.1	36.61	15.31	5.275	198.3	40.02	11.74	90.1	92.4	35.17	29.12	0	765.4	26.42	4.449	-0.006	12.36
9/3/2011 13:00	18546	6.844	131.1	66.4	17.1	4.893	140	69.79	13.52	93.1	96.1	28.36	22.49	0	889	26.43	4.434	-0.016	12.5
9/3/2011 14:00	18547	7.394	90.7	48.99	17.1	5.208	92.5	54.29	13.52	94.1	97.1	27.26	21.45	0	808	26.42	4.418	-0.016	15.94
9/3/2011 15:00	18548	7.287	100.2	49.51	17.1	5.211	102.5	55.71	11.74	95.7	98.8	25.39	19.6	0	743.5	26.41	4.392	-0.025	16.02
9/3/2011 16:00	18549	7.594	76.02	50.88	18.89	5.329	75.61	54.52	13.52	95.2	96.9	24.17	19.15	0	498.1	26.38	4.367	-0.025	12.56
9/3/2011 17:00	18550	9.36	92.8	33.36	20.68	6.35	93.9	41.47	15.31	96	98.5	22.45	17.09	0	699.4	26.36	4.335	-0.032	12.42
9/3/2011 18:00	18551	8.77	95.2	29.46	18.89	5.925	95.2	38.15	17.1	95.7	97.7	22.36	17.28	0	448.5	26.34	4.307	-0.029	15.16
9/3/2011 19:00	18552	9.59	87	22.66	20.68	6.289	87.9	29.61	15.31	95.6	96.9	22.43	17.75	0	333.2	26.34	4.278	-0.029	14.24
9/3/2011 20:00	18553	8.75	75.81	14.57	15.31	5.525	76.29	22.48	13.52	93.8	94	23.97	19.86	0	113.5	26.33	4.259	-0.019	12.47
9/3/2011 21:00	18554	7.179	69.1	6.852	11.74	4.114	68.89	14.69	8.16	89.7	88.8	27.22	23.66	0	2.923	26.32	4.222	-0.038	12.36
9/3/2011 22:00	18555	6.787	76.6	8.26	9.95	3.545	71.98	15.1	6.368	86.1	84.9	31.11	27.68	0	0.025	26.33	4.206	-0.016	12.34
9/3/2011 23:00	18556	11.28	47.5	17.92	26.05	6.613	46.75	19.4	18.89	84.5	84.2	37.21	32.91	0	0.037	26.35	4.193	-0.013	12.46
9/4/2011 0:00	18557	13.09	55.17	9.5	22.47	7.99	56.66	15.99	17.1	81.8	81.7	46.38	41.78	0	0.035	26.37	4.178	-0.016	12.44
9/4/2011 1:00	18558	10.65	57.84	9.75	20.68	6.585	59.04	15.43	13.52	80.5	80.4	47.33	42.78	0	0.033	26.37	4.162	-0.016	16.3
9/4/2011 2:00	18559	16.77	20.81	12.07	31.42	11.85	23.29	13.4	27.84	78.82	78.97	51.54	46.48	0	0.032	26.39	4.152	-0.01	12.4
9/4/2011 3:00	18560	21.12	24.25	10.55	34.99	14.39	26.67	12.74	27.84	75.39	75.56	63.74	58.34	0	0.017	26.39	4.14	-0.013	12.43
9/4/2011 4:00	18561	20.05	24.49	10.42	31.42	13.35	27.04	12.73	27.84	73.51	73.74	69.12	63.48	0	0.021	26.39	4.134	-0.006	12.41
9/4/2011 5:00	18562	19.46	30.96	11.17	31.42	11.8	33.44	13.18	27.84	71.8	71.98	71.29	65.68	0	0.017	26.38	4.127	-0.006	12.59
9/4/2011 6:00	18563	21.32	16.05	10.58	34.99	15.95	18.63	11.95	31.42	70.2	70.45	71.67	65.9	0	0.011	26.39	4.118	-0.009	12.49
9/4/2011 7:00	18564	20.2	12.38	10.68	34.99	15.25	15.67	12.25	29.63	69.07	69.33	74.77	68.74	0	0.012	26.42	4.116	-0.003	12.45
9/4/2011 8:00	18565	18.34	19.01	12.08	29.63	13.22	22.38	13.79	27.84	68.8	69.05	74.49	68.57	0	3.262	26.43	4.109	-0.006	12.47
9/4/2011 9:00	18566	19.26	27.96	11.46	31.42	12.21	30.85	13.33	26.05	67.78	68.06	76.87	70.71	0	52.65	26.44	4.103	-0.006	12.56
9/4/2011 10:00	18567	18.85	21.92	10.01	29.63	13.23	23.81	12.56	26.05	66.49	66.93	80.4	73.62	0	100.6	26.46	4.096	-0.006	12.36
9/4/2011 11:00	18568	19.13	21.21	10.09	29.63	13.56	23.14	12.37	24.26	67.59	68.14	77.98	71.19	0	182.2	26.47	4.09	-0.006	12.4
9/4/2011 12:00	18569	19.48	16.91	10.45	29.63	14.5	20.39	12.05	26.05	66.29	66.85	81.2	74.18	0	137.1	26.5	4.081	-0.01	12.41
9/4/2011 13:00	18570	16.98	28.17	13.3	29.63	11.31	31.14	14.96	26.05	63.64	63.93	88.5	82.5	0.03	115.3	26.5	4.081	0	12.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/4/2011 14:00	18571	16.95	21.69	10.19	26.05	11.95	24.05	12.81	24.26	63.26	63.55	84.4	78.94	0	218	26.5	4.081	0	12.48
9/4/2011 15:00	18572	15.99	20.35	11.83	26.05	11.61	23.05	13.17	22.47	65.29	65.96	78.45	72.33	0	481	26.51	4.081	0	16.39
9/4/2011 16:00	18573	16.04	20.68	12.82	26.05	11.43	23.4	14.82	22.47	68	69.19	72.75	65.64	0	587	26.51	4.079	-0.001	12.62
9/4/2011 17:00	18574	14.41	27.68	13.71	24.26	9.68	29.27	15.02	20.68	69.28	70.5	69.47	62.39	0	536.7	26.51	4.079	0	13.53
9/4/2011 18:00	18575	13.28	26.95	14.48	22.47	9.03	29.48	15.81	18.89	69.79	70.95	67.64	60.69	0	504.3	26.5	4.067	-0.013	12.65
9/4/2011 19:00	18576	14.12	27.4	13.96	22.47	9.59	29.53	15.38	20.68	68.21	69.05	69.51	62.79	0	314.9	26.5	4.051	-0.016	13.08
9/4/2011 20:00	18577	13.04	26.78	11.46	20.68	8.61	29.58	14.21	17.1	66.41	66.86	72.48	66.28	0	95.7	26.49	4.039	-0.012	13.6
9/4/2011 21:00	18578	12.21	21.95	9.53	18.89	8.6	24.49	12.03	15.31	64.28	64.61	75.16	69.1	0	2.145	26.48	4.03	-0.009	16.54
9/4/2011 22:00	18579	11.93	23.31	10.16	18.89	8.15	26.01	12.81	17.1	64.59	64.91	73.69	67.7	0	0.006	26.49	4.024	-0.006	13.04
9/4/2011 23:00	18580	9.49	26.7	10.45	15.31	6.137	29.61	13.21	13.52	65.38	65.61	67.72	62.3	0	0.005	26.5	4.02	-0.003	15.37
9/5/2011 0:00	18581	6.577	18.43	11.78	9.95	4.827	21.02	12.93	8.16	65.14	65.33	64.23	58.99	0	0.006	26.51	4.011	-0.01	12.49
9/5/2011 1:00	18582	7.473	20.36	10.08	13.52	5.484	22.68	12.34	9.95	65.87	66.1	60.56	55.42	0	0.007	26.51	3.998	-0.013	14.17
9/5/2011 2:00	18583	9.05	23.84	10.53	15.31	6.281	26.12	12.72	11.74	66.52	66.71	56.08	51.12	0	0.009	26.52	3.995	-0.003	12.53
9/5/2011 3:00	18584	7.247	32.93	10.98	13.52	4.359	36.38	12.03	9.95	66.06	66.11	56.05	51.19	0	0.004	26.52	3.992	-0.003	12.67
9/5/2011 4:00	18585	7.043	28.25	10.27	11.74	4.593	30.45	11.9	9.95	65.05	65.09	56.43	51.57	0	0.003	26.5	3.986	-0.006	16.58
9/5/2011 5:00	18586	8.41	44.28	14.44	15.31	4.926	45.91	16.87	9.95	65.21	65.2	51.65	47.07	0	0.007	26.51	3.979	-0.006	12.59
9/5/2011 6:00	18587	8.83	49.3	10.29	15.31	5.059	49.17	16.25	9.95	63.12	62.87	50.04	45.64	0	0.004	26.51	3.973	-0.006	12.45
9/5/2011 7:00	18588	8.23	31.5	11.33	13.52	4.98	35.09	12.47	9.95	59.41	59.33	61.79	56.71	0	0.002	26.51	3.954	-0.019	12.52
9/5/2011 8:00	18589	8.82	22.97	10.05	13.52	5.959	25.71	11.97	11.74	57.19	57.23	68.23	62.87	0	14.78	26.51	3.951	-0.003	12.45
9/5/2011 9:00	18590	8.66	31.95	14.45	15.31	5.566	33.93	16.12	11.74	58.47	59.32	60.4	54.32	0	180.8	26.52	3.944	-0.007	14.07
9/5/2011 10:00	18591	12.55	64.91	11.59	18.89	8.01	64.29	17.68	15.31	62.87	64.45	46.45	40.34	0	402.7	26.55	3.941	-0.003	12.86
9/5/2011 11:00	18592	13.05	70.23	14.49	20.68	8.4	70.37	21.87	17.1	65.97	68.29	39.49	33.19	0	607	26.59	3.927	-0.014	12.43
9/5/2011 12:00	18593	10.92	57.09	19.08	18.89	7.079	57.13	23.75	15.31	69.12	71.7	35.51	29.18	0	782.8	26.62	3.911	-0.016	12.55
9/5/2011 13:00	18594	9.73	38.95	22.34	20.68	6.695	39.41	23.96	15.31	72.28	74.4	32.24	26.37	0	902	26.62	3.902	-0.01	16.54
9/5/2011 14:00	18595	9.64	43.14	22.97	17.1	6.799	41.91	26.6	15.31	75.1	77.55	28.98	23.08	0	959	26.61	3.886	-0.016	12.36
9/5/2011 15:00	18596	9.87	42.55	25.65	20.68	7.021	43.05	28.3	17.1	77.13	79.65	27.62	21.73	0	950	26.6	3.854	-0.032	12.52
9/5/2011 16:00	18597	9.62	42.07	36.37	20.68	6.71	40.89	39.08	17.1	79.06	81.5	26.2	20.45	0	874	26.58	3.835	-0.019	12.47
9/5/2011 17:00	18598	8.72	43.82	28.93	18.89	5.934	43.34	33.03	15.31	79.96	82.1	25.39	19.83	0	735.5	26.55	3.809	-0.025	12.43
9/5/2011 18:00	18599	7.783	50.69	31.65	17.1	5.45	49	35.32	11.74	80.8	82.3	24.51	19.36	0	552.9	26.54	3.79	-0.019	12.36
9/5/2011 19:00	18600	8.34	70.04	22.43	15.31	5.585	69.77	28.46	13.52	79.95	81.2	25.13	20.29	0	339.4	26.52	3.768	-0.022	16.68
9/5/2011 20:00	18601	8.11	54.5	14.88	13.52	5.024	55.09	19.97	9.95	78.25	78.42	26.77	22.54	0	120.7	26.51	3.728	-0.041	12.31
9/5/2011 21:00	18602	6.112	56.06	8.34	9.95	3.596	61.13	14.07	6.368	74.47	73.61	29.88	26.31	0	2.537	26.49	3.715	-0.013	16.05
9/5/2011 22:00	18603	5.467	50.22	6.362	8.16	2.976	58.85	12.22	4.578	71.92	70.15	31.91	29.2	0	0.012	26.48	3.71	-0.005	12.36
9/5/2011 23:00	18604	5.982	55.49	5.641	8.16	2.951	61.08	11.43	6.368	69.49	67.41	34.83	32.31	0	0.006	26.48	3.697	-0.013	15.09
9/6/2011 0:00	18605	6.981	59.48	7.065	11.74	3.415	63.09	13.54	8.16	67.45	65.37	38.53	35.95	0	0.003	26.47	3.691	-0.006	12.44
9/6/2011 1:00	18606	8.19	68.42	6.222	17.1	4.549	66.4	14.74	8.16	64.18	62.82	41.45	38.37	0	0	26.46	3.684	-0.006	14.4
9/6/2011 2:00	18607	7.399	82.5	7.398	9.95	3.383	78.37	14.59	6.368	62	59.77	41.84	40.11	0	0.001	26.44	3.681	-0.003	16.44
9/6/2011 3:00	18608	7.774	83.1	5.622	9.95	3.426	76.46	14.4	6.368	61.14	58.78	40.08	38.57	0	0.001	26.43	3.675	-0.006	16.69
9/6/2011 4:00	18609	7.74	87.3	5.281	9.95	3.509	81.1	14.31	6.368	59.65	57.38	39.2	37.66	0	0.001	26.42	3.669	-0.006	12.71
9/6/2011 5:00	18610	6.883	91	6.891	9.95	3.298	78.56	13.78	6.368	58.23	56.02	38.71	37.01	0	0	26.41	3.663	-0.006	13.08
9/6/2011 6:00	18611	6.966	116.6	9.19	9.95	2.946	102.3	17.36	4.578	57.26	54.48	37.77	36.77	0	0	26.41	3.66	-0.003	12.35
9/6/2011 7:00	18612	2.899	159.8	31.38	8.16	0.984	145.4	52.88	4.578	55.08	52.78	39.16	37.53	0	0	26.41	3.654	-0.006	12.28
9/6/2011 8:00	18613	1.495	175.1	12.05	4.578	0.029	51.25	3.559	2.789	54.7	52.48	39.58	37.82	0	16.08	26.42	3.657	0.003	12.31
9/6/2011 9:00	18614	3.441	172.8	11.71	11.74	1.828	175.8	11.49	9.95	58.88	60.85	35.05	29.16	0	191	26.44	3.648	-0.01	12.26
9/6/2011 10:00	18615	9.49	179.6	12.18	15.31	6.389	187.4	18.68	11.74	67.15	68.7	26.02	20.94	0	414.1	26.49	3.637	-0.011	12.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
9/6/2011 11:00	18616	11.13	186.7	15.3	17.1	7.714	194.6	20.31	13.52	71.74	73.86	22.45	17.21	0	616.3	26.54	3.626	-0.011	12.48	
9/6/2011 12:00	18617	10.81	190.6	16.16	18.89	7.722	198	21.02	13.52	75.4	78.01	21.7	16.19	0	790.8	26.57	3.616	-0.01	12.35	
9/6/2011 13:00	18618	8.56	186.8	28.03	17.1	6.325	194.3	32.15	13.52	78.87	81.6	20.95	15.45	0	909	26.58	3.6	-0.016	16.5	
9/6/2011 14:00	18619	7.004	177.2	38.71	17.1	5.234	187	44.36	13.52	82.7	85.2	19.17	14.06	0	966	26.58	3.587	-0.013	13.22	
9/6/2011 15:00	18620	8.34	165.8	33.82	17.1	5.899	173.6	40.76	13.52	84.1	87.4	17.79	12.7	0	956	26.57	3.565	-0.022	16.1	
9/6/2011 16:00	18621	7.346	160.2	39.31	17.1	5.468	169.9	50.81	13.52	86.2	88.7	15.72	11.11	0	878	26.56	3.536	-0.029	12.53	
9/6/2011 17:00	18622	7.817	156.7	42.66	20.68	5.655	165.9	49.95	22.47	87	89.4	14.78	10.18	0	737.5	26.54	3.502	-0.035	12.36	
9/6/2011 18:00	18623	7.855	156.9	33.47	17.1	5.404	164.7	40.25	13.52	87.2	89.5	14.43	9.95	0	552.2	26.52	3.47	-0.032	15.74	
9/6/2011 19:00	18624	7.974	145.5	26.18	13.52	5.258	151	33.12	11.74	86.3	87.6	14.46	10.44	0	335.9	26.5	3.442	-0.028	15.84	
9/6/2011 20:00	18625	8.65	136.6	15.98	15.31	5.006	142.1	22.59	9.95	83.9	83.8	15.6	12.28	0	114.8	26.49	3.42	-0.022	12.45	
9/6/2011 21:00	18626	7.472	122.4	5.01	9.95	3.071	119.7	12.75	6.368	76.83	73.89	19.72	18.22	0	2.229	26.47	3.411	-0.009	12.31	
9/6/2011 22:00	18627	7.873	121.2	4.146	9.95	3.096	108.3	14.41	6.368	72.91	69.02	20.77	20.04	0	0.007	26.45	3.405	-0.005	12.25	
9/6/2011 23:00	18628	8.93	117.6	5.792	11.74	3.859	109.4	17.31	8.16	70.53	66.75	18.97	18.17	0	0.006	26.44	3.393	-0.012	16.52	
9/7/2011 0:00	18629	8.79	118.3	5.768	11.74	3.913	113	15.73	6.368	68.6	65.67	16.5	14.89	0	0.003	26.43	3.386	-0.006	12.28	
9/7/2011 1:00	18630	8.58	115	8.26	13.52	3.956	106.9	18.93	8.16	66.59	63.43	16.04	14.4	0	0.001	26.43	3.38	-0.006	14.99	
9/7/2011 2:00	18631	8.37	122	5.67	11.74	3.725	115.9	15.4	6.368	65.77	62.85	15.81	13.86	0	0	26.42	3.377	-0.003	12.29	
9/7/2011 3:00	18632	8.08	117.1	5.057	9.95	3.415	108.3	15.5	6.368	64.45	61.32	18.29	16.35	0	0.001	26.42	3.37	-0.006	12.27	
9/7/2011 4:00	18633	9.16	123.8	7.742	13.52	4.282	122	17.87	8.16	63.43	60.87	18.99	16.82	0	0	26.42	3.361	-0.009	12.6	
9/7/2011 5:00	18634	8.01	130.3	7.09	13.52	3.699	127.2	17.67	9.95	63.38	61.03	19.75	17.27	0	0.002	26.42	3.358	-0.003	12.28	
9/7/2011 6:00	18635	7.39	118.3	6.495	9.95	3.089	107.9	16.01	4.578	61.16	58.17	24.22	22.31	0	0.002	26.42	3.358	0	12.31	
9/7/2011 7:00	18636	9.13	129.2	7.403	13.52	4.241	128	18.04	8.16	61.58	59.11	24.84	22.67	0	0.001	26.41	3.349	-0.009	12.19	
9/7/2011 8:00	18637	7.511	121.1	8.89	11.74	3.497	115.5	18.73	8.16	60.94	59.17	25.2	22.53	0	15.13	26.43	3.346	-0.003	12.34	
9/7/2011 9:00	18638	6.563	111.8	11.36	11.74	3.863	109.2	23.55	8.16	63.98	65.08	22.76	18.37	0	185.5	26.46	3.339	-0.007	12.31	
9/7/2011 10:00	18639	7.236	130.6	16.19	11.74	4.777	135.2	24.54	9.95	71.64	73.51	17.31	12.92	0	407.3	26.51	3.335	-0.004	12.38	
9/7/2011 11:00	18640	9.38	150.4	17.85	18.89	6.215	157.7	24.35	13.52	77.05	79.65	14.61	9.92	0	609.9	26.57	3.322	-0.013	12.35	
9/7/2011 12:00	18641	11.83	165.4	19.68	20.68	7.876	173.2	24.71	18.89	80.9	83.7	12.28	7.232	0	769.9	26.6	3.306	-0.016	12.33	
9/7/2011 13:00	18642	10.85	156.7	26.02	20.68	7.239	164.5	31.78	15.31	84.1	87.4	10.47	5.36	0	901	26.61	3.289	-0.016	12.46	
9/7/2011 14:00	18643	11.01	148.9	25.76	20.68	7.468	155.6	32.49	17.1	86.2	89.7	8.72	3.879	0	960	26.62	3.27	-0.019	12.36	
9/7/2011 15:00	18644	9.89	148.9	26.33	18.89	6.757	155.2	33.8	15.31	87.9	91.4	7.542	2.935	0	877	26.61	3.239	-0.032	12.35	
9/7/2011 16:00	18645	9.71	128.2	24.15	18.89	6.751	133.2	32.34	15.31	88.9	92.3	6.92	2.421	0	830	26.6	3.201	-0.038	12.37	
9/7/2011 17:00	18646	9.51	117.8	26.82	20.68	6.423	120.2	36.87	17.1	89.7	92.8	6.159	1.902	0	726.6	26.58	3.163	-0.038	12.77	
9/7/2011 18:00	18647	13.15	108.4	21.23	22.47	8.69	112.5	29.47	18.89	89.2	91.8	5.612	1.858	0	596.4	26.58	3.131	-0.032	12.28	
9/7/2011 19:00	18648	11.04	111.2	14.78	18.89	7.19	114.4	23.51	15.31	88.4	89.7	6.581	2.592	0	333.5	26.56	3.099	-0.032	12.38	
9/7/2011 20:00	18649	11.27	89.1	11.33	20.68	7.183	92.4	19.55	15.31	85.8	85.6	8.97	5.291	0	99.8	26.56	3.081	-0.019	12.44	
9/7/2011 21:00	18650	12.03	71.09	8.5	18.89	7.305	71.76	17.21	15.31	80.9	80.3	13.69	9.69	0	1.557	26.56	3.062	-0.019	12.36	
9/7/2011 22:00	18651	11.78	74.67	8.2	20.68	6.835	75.36	17.1	13.52	77.17	76.4	17.26	13.27	0	0.023	26.57	3.046	-0.016	12.9	
9/7/2011 23:00	18652	13.79	75.87	8.96	20.68	8.22	77.38	18.18	18.89	74.33	73.8	22.17	17.99	0	0.024	26.58	3.034	-0.013	12.65	
9/8/2011 0:00	18653	16.24	70.8	8.74	24.26	9.9	71.19	16.99	18.89	73.09	72.71	26.02	21.91	0	0.028	26.59	3.021	-0.012	13.01	
9/8/2011 1:00	18654	16.34	74.5	9.35	29.63	9.69	75.63	17.89	18.89	71.86	71.63	28.24	24.25	0	0.021	26.6	3.012	-0.009	12.41	
9/8/2011 2:00	18655	13.05	76.01	9.05	22.47	7.685	77.22	17.9	15.31	69.94	69.61	30.13	26.16	0	0.016	26.6	2.999	-0.012	12.56	
9/8/2011 3:00	18656	12.74	68.42	8.09	20.68	8.11	68.62	15.94	17.1	68.78	68.57	31.41	27.32	0	0.016	26.59	2.984	-0.016	15.02	
9/8/2011 4:00	18657	12.62	67.74	8.03	18.89	8.2	69.04	15.9	15.31	67.78	67.67	31.49	27.31	0	0.016	26.59	2.974	-0.01	12.49	
9/8/2011 5:00	18658	11.63	67.04	8.31	18.89	7.611	67.7	16.28	13.52	66.93	66.83	32.15	27.94	0	0.012	26.6	2.958	-0.016	12.47	
9/8/2011 6:00	18659	10.93	61.16	8.37	17.1	6.946	64.54	15.72	13.52	66.07	65.93	32.96	28.76	0	0.009	26.6	2.952	-0.006	12.36	
9/8/2011 7:00	18660	9.92	59.81	8.68	17.1	6.382	63.72	15.8	13.52	64.66	64.4	34.6	30.45	0	0.007	26.6	2.946	-0.006	12.34	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/8/2011 8:00	18661	9.81	46.61	9.33	15.31	5.35	45.52	14.64	11.74	62.7	62.56	37.8	33.37	0	12.77	26.6	2.936	-0.01	12.61
9/8/2011 9:00	18662	9.59	47.67	9.89	15.31	5.258	47.23	15.26	9.95	62.91	63.64	38.99	33.8	0	171.9	26.61	2.933	-0.003	12.49
9/8/2011 10:00	18663	11.1	70.65	12.8	18.89	7.201	71.63	19.86	17.1	67.21	68.83	34.66	29.18	0	395.7	26.65	2.926	-0.007	12.49
9/8/2011 11:00	18664	11.14	75.98	14.94	18.89	7.363	78.35	22.89	13.52	70.57	72.79	30.71	25.13	0	566.5	26.68	2.916	-0.01	16.48
9/8/2011 12:00	18665	9.23	72.27	19.82	17.1	6.39	73.93	26.01	11.74	74.44	77.27	25.34	19.76	0	775.4	26.7	2.903	-0.013	12.39
9/8/2011 13:00	18666	6.417	93.3	47.5	17.1	4.803	95.4	53.53	13.52	79.15	81.8	21.36	16.32	0	889	26.71	2.881	-0.023	12.43
9/8/2011 14:00	18667	5.976	51.08	44.82	13.52	4.58	51.49	50.39	11.74	81.8	83.7	19.44	14.75	0	924	26.7	2.868	-0.013	15.32
9/8/2011 15:00	18668	6.38	73.98	48.85	15.31	4.868	70.31	63.61	11.74	83.7	85.9	18.17	13.47	0	924	26.68	2.846	-0.022	12.41
9/8/2011 16:00	18669	6.416	83.3	56.26	18.89	4.774	86	65.15	15.31	84.5	86.8	17.56	12.8	0	848	26.65	2.823	-0.022	12.38
9/8/2011 17:00	18670	7.034	106.5	60.3	18.89	5.156	105.6	65.95	15.31	85	87	17.17	12.53	0	735	26.62	2.786	-0.038	12.26
9/8/2011 18:00	18671	6.483	76.71	49.03	17.1	4.565	75.41	54.09	15.31	85.5	87.4	16.6	11.97	0	595.6	26.6	2.763	-0.022	12.32
9/8/2011 19:00	18672	6.362	95.2	33.43	13.52	4.415	98.8	41.01	11.74	84.5	85.7	17.15	12.98	0	332.9	26.58	2.738	-0.025	12.29
9/8/2011 20:00	18673	7.069	89.1	17.35	11.74	4.461	92.2	23.22	9.95	80.6	80.5	20.04	16.37	0	56.99	26.56	2.72	-0.019	12.34
9/8/2011 21:00	18674	7.001	79.61	7.827	11.74	3.912	81	15.33	8.16	76.73	75.81	23.47	20.15	0	1.414	26.53	2.704	-0.016	16.58
9/8/2011 22:00	18675	7.605	75.07	7.769	11.74	4.034	75	16.8	8.16	73.76	72.39	26.18	23.08	0	0.019	26.51	2.695	-0.009	13.98
9/8/2011 23:00	18676	8.06	76.23	7.499	11.74	4.26	76.2	16.35	6.368	71	69.7	29.53	26.26	0	0.016	26.51	2.692	-0.003	12.85
9/9/2011 0:00	18677	8.16	82.5	8.23	11.74	4.604	84.7	16.98	8.16	69.82	69.06	32.78	29.01	0	0.021	26.5	2.682	-0.009	12.4
9/9/2011 1:00	18678	8.18	88.4	7.751	18.89	4.981	90.9	16.35	9.95	69.96	69.31	34.12	30.34	0	0.022	26.51	2.676	-0.006	12.41
9/9/2011 2:00	18679	7.509	91	6.443	11.74	4.222	93.4	14.79	8.16	67.42	66.32	37.89	34.5	0	0.01	26.5	2.667	-0.01	12.45
9/9/2011 3:00	18680	7.381	92.6	6.8	9.95	3.913	88.4	15.32	6.368	65.24	63.66	40.96	37.89	0	0.003	26.47	2.66	-0.006	13.05
9/9/2011 4:00	18681	6.611	78.99	9.99	11.74	3.695	79.01	17.87	8.16	66.25	65.71	40.95	36.96	0	0.008	26.47	2.657	-0.003	12.35
9/9/2011 5:00	18682	6.953	72.07	8.03	9.95	3.918	71.12	15.1	8.16	65.73	65.18	41.92	37.94	0	0.006	26.47	2.654	-0.003	12.44
9/9/2011 6:00	18683	5.525	83.3	16.08	8.16	2.857	75.74	17.36	6.368	65.27	64.29	42.12	38.69	0	0.005	26.46	2.648	-0.006	13.05
9/9/2011 7:00	18684	4.686	52.89	9.32	6.368	2.24	55.76	13.92	4.578	65.27	64.17	41.97	38.73	0	0.004	26.48	2.648	0	12.42
9/9/2011 8:00	18685	5.168	30.74	10.68	9.95	2.829	35.17	10.94	8.16	65.04	64.83	42.22	37.94	0	7.559	26.49	2.641	-0.006	15.73
9/9/2011 9:00	18686	6.954	35.49	14.28	13.52	4.216	40.93	16.52	11.74	64.81	64.83	43.96	39.41	0	54.03	26.51	2.635	-0.006	13.39
9/9/2011 10:00	18687	7.371	44.35	14.05	11.74	4.514	47.3	16.34	9.95	67.79	68.22	41.04	36.36	0	185.5	26.52	2.629	-0.006	12.78
9/9/2011 11:00	18688	8.61	45.73	17.97	13.52	5.484	45.72	20.85	11.74	73.37	74.84	33.53	28.33	0	538.4	26.55	2.618	-0.01	12.39
9/9/2011 12:00	18689	6.397	63.18	29.14	15.31	4.49	59.34	33.95	11.74	77.94	80	29.1	23.83	0	612.6	26.59	2.611	-0.007	12.49
9/9/2011 13:00	18690	8.72	76.92	25.31	18.89	6.058	76.6	31.86	15.31	79.07	81.8	28.49	22.83	0	779.7	26.59	2.602	-0.009	16.66
9/9/2011 14:00	18691	8.97	83.4	35.82	22.47	6.168	83.9	42.74	18.89	81.2	84.4	27.39	21.57	0	889	26.58	2.586	-0.016	12.4
9/9/2011 15:00	18692	8.1	78	33.82	18.89	5.839	78.58	43.22	18.89	82.7	85.5	26.4	20.91	0	785.7	26.57	2.564	-0.022	12.38
9/9/2011 16:00	18693	9.09	45.41	38.22	22.47	6.335	45.07	41.94	15.31	82.3	84.5	27.61	22.11	0	631.1	26.54	2.542	-0.022	14.86
9/9/2011 17:00	18694	7.201	32.07	38.19	18.89	5.126	31.99	42.39	15.31	80.8	81.9	29.01	24.21	0	231	26.52	2.523	-0.019	13.91
9/9/2011 18:00	18695	11.69	64.69	21.16	22.47	7.454	65.84	25.48	17.1	80.6	82.2	29.35	24.35	0	368.1	26.49	2.482	-0.041	13.1
9/9/2011 19:00	18696	11.62	71.51	14.14	20.68	7.648	73.34	21.55	17.1	80.6	81.8	28.91	24.16	0	291.3	26.48	2.466	-0.016	12.37
9/9/2011 20:00	18697	10.79	73.62	10.66	17.1	6.801	75.46	18.77	11.74	78.93	79.04	30.35	26.32	0	87.9	26.47	2.453	-0.013	12.31
9/9/2011 21:00	18698	9.77	64.45	8.06	13.52	6.315	65.97	14.94	9.95	75.72	75.46	33.45	29.49	0	0.731	26.46	2.447	-0.006	12.33
9/9/2011 22:00	18699	10.71	63.46	8.03	15.31	6.97	65.81	15.54	11.74	73.71	73.44	35.96	31.93	0	0.031	26.46	2.431	-0.016	16.56
9/9/2011 23:00	18700	9.91	63	7.97	17.1	6.368	66.58	15.02	11.74	70.81	70.38	39.08	35.13	0	0.024	26.46	2.422	-0.009	12.45
9/10/2011 0:00	18701	9.99	64.3	7.774	13.52	6.28	67.83	15.07	9.95	68.7	68.22	41.74	37.76	0	0.019	26.46	2.416	-0.006	13.59
9/10/2011 1:00	18702	8.48	69.71	9.07	15.31	5.157	70.31	16.34	9.95	69.09	68.8	40.99	36.92	0	0.024	26.45	2.41	-0.006	12.47
9/10/2011 2:00	18703	6.627	70.94	10.17	9.95	3.962	73.15	16.92	8.16	69.08	68.79	40.52	36.49	0	0.021	26.46	2.407	-0.003	12.68
9/10/2011 3:00	18704	6.252	70.79	10.5	9.95	3.576	71.08	17.56	8.16	68.14	67.64	41.75	37.93	0	0.019	26.46	2.403	-0.003	16.14
9/10/2011 4:00	18705	6.301	73.81	9.67	9.95	3.45	74.4	17.59	6.368	67.65	66.92	42.09	38.51	0	0.021	26.45	2.4	-0.003	15.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/10/2011 5:00	18706	6.865	54.9	8.23	9.95	3.963	56.6	14.97	6.368	66.83	66.32	43.01	39.12	0	0.014	26.44	2.388	-0.013	12.43
9/10/2011 6:00	18707	5.738	53.02	10.22	9.95	3.336	56.46	15.18	6.368	67.21	66.82	42.86	38.85	0	0.015	26.45	2.384	-0.003	16.65
9/10/2011 7:00	18708	6.308	51.91	9.48	9.95	3.749	54.68	15.72	8.16	66.53	66.28	44.34	40.12	0	0.014	26.46	2.384	0	12.46
9/10/2011 8:00	18709	7.063	58.16	8.49	9.95	4.467	60.88	14.72	8.16	66.28	66.06	44.78	40.52	0	3.925	26.47	2.378	-0.006	14.78
9/10/2011 9:00	18710	7.394	57.38	10.92	11.74	4.539	59.7	16.73	8.16	66.68	66.74	44.26	39.85	0	65.6	26.48	2.372	-0.006	16.65
9/10/2011 10:00	18711	7.108	77.96	13.95	13.52	4.738	78.92	21.78	9.95	70.69	71.47	36.84	32.32	0	218.6	26.5	2.365	-0.007	12.56
9/10/2011 11:00	18712	10.15	66.74	14.75	15.31	6.469	66.77	20.87	11.74	73.5	74.6	33.24	28.49	0	251.8	26.54	2.358	-0.007	13.43
9/10/2011 12:00	18713	11.13	76.78	12.32	17.1	7.15	76.91	19.96	13.52	74.17	75.46	33.46	28.52	0	290.3	26.56	2.349	-0.01	16.59
9/10/2011 13:00	18714	11.18	83.7	13.92	17.1	7.487	84.4	21.82	13.52	75.62	77	32.09	27.21	0	357.2	26.56	2.336	-0.013	12.81
9/10/2011 14:00	18715	10.9	92.1	16.08	20.68	7.515	94.8	24.47	15.31	79.31	82.2	28.3	22.71	0	684.5	26.57	2.326	-0.01	12.51
9/10/2011 15:00	18716	10.39	88.2	16.78	20.68	7.234	90	24.46	17.1	80.8	83.5	26.26	20.87	0	591.2	26.57	2.304	-0.022	12.48
9/10/2011 16:00	18717	11.04	85.3	19.55	24.26	7.528	86	26.93	17.1	81.8	84.1	25.97	20.82	0	551.2	26.56	2.279	-0.025	16.31
9/10/2011 17:00	18718	10.28	81.6	18.78	22.47	6.868	82.7	26.11	17.1	81.9	83.7	25.91	21.02	0	485.2	26.54	2.26	-0.019	12.48
9/10/2011 18:00	18719	12.41	65.45	13.69	22.47	8.14	66.32	20.42	17.1	80.6	82	28.29	23.35	0	311.5	26.53	2.241	-0.019	12.5
9/10/2011 19:00	18720	13.36	67	12.44	22.47	8.55	68.69	19.6	17.1	79.81	80.7	30.88	26.16	0	265.1	26.52	2.219	-0.022	12.44
9/10/2011 20:00	18721	13.19	49.74	10.44	20.68	7.543	49.44	16.16	17.1	77.17	77.28	34.8	30.55	0	91.1	26.51	2.209	-0.009	16.51
9/10/2011 21:00	18722	10.65	50.39	9.92	17.1	6.194	51.19	16.11	11.74	74.88	74.78	38.2	33.94	0	0.793	26.49	2.197	-0.013	16.53
9/10/2011 22:00	18723	9.64	49.03	9.42	15.31	5.444	49.53	15.65	13.52	72.97	72.7	42.99	38.75	0	0.02	26.49	2.187	-0.009	13.1
9/10/2011 23:00	18724	9.64	45.66	8.79	15.31	5.201	46.01	14.49	11.74	70.36	69.96	48.86	44.74	0	0.014	26.5	2.184	-0.003	12.81
9/11/2011 0:00	18725	7.652	42.15	11.54	13.52	4.253	45.35	15.07	8.16	68.45	68	49.89	45.88	0	0.01	26.5	2.178	-0.006	12.64
9/11/2011 1:00	18726	6.354	35.03	16.46	11.74	3.665	38.17	18.44	8.16	65.95	65.56	53.08	48.84	0	0.005	26.51	2.175	-0.003	16.41
9/11/2011 2:00	18727	7.204	36.96	10.01	11.74	4.049	41.58	12.05	8.16	64.51	64.21	57.62	53.11	0	0.004	26.5	2.172	-0.003	16.23
9/11/2011 3:00	18728	7.425	34.18	10.24	11.74	4.214	38.22	11.61	8.16	63.41	63.25	62.53	57.74	0	0.003	26.49	2.166	-0.006	12.56
9/11/2011 4:00	18729	8.78	29.48	9.77	13.52	5.147	33.72	12.29	11.74	62.81	62.61	64.29	59.6	0	0.002	26.47	2.162	-0.003	12.5
9/11/2011 5:00	18730	10.79	23.59	8.78	15.31	6.809	28.03	11.5	13.52	62.48	62.26	64.71	60.11	0	0.002	26.47	2.159	-0.003	12.49
9/11/2011 6:00	18731	11.13	22.34	8.61	17.1	7.557	25.2	10.98	13.52	62.63	62.41	63.31	58.81	0	0.003	26.47	2.159	0	12.44
9/11/2011 7:00	18732	12.37	20.21	7.963	17.1	8.54	23.91	10.34	15.31	61.55	61.33	64.24	59.74	0	0.003	26.48	2.153	-0.006	16.66
9/11/2011 8:00	18733	11.02	25.4	8.95	17.1	6.751	29.9	11.5	15.31	60.94	60.72	64.47	59.89	0	10.12	26.5	2.156	0.003	12.52
9/11/2011 9:00	18734	10.09	32.96	11.27	15.31	5.649	36.97	12.84	11.74	63.4	63.79	59.99	54.74	0	161.8	26.52	2.147	-0.01	12.54
9/11/2011 10:00	18735	10.79	64.93	13.32	17.1	6.754	64.55	19.73	13.52	71.24	72.54	45.65	40.29	0	372.9	26.56	2.14	-0.007	12.45
9/11/2011 11:00	18736	11.62	80.9	12.43	18.89	7.711	82.4	20.5	13.52	76.57	78.8	37.6	31.95	0	577.2	26.61	2.133	-0.007	16.62
9/11/2011 12:00	18737	9.77	89.8	19.9	18.89	6.736	89.7	27.88	13.52	80.3	83.2	32.51	26.81	0	727.2	26.65	2.123	-0.01	12.74
9/11/2011 13:00	18738	6.165	103.3	54.79	13.52	4.608	108.5	64	9.95	85.2	87.7	27.54	22.43	0	863	26.66	2.114	-0.01	16.28
9/11/2011 14:00	18739	6.518	177.2	53.92	17.1	4.941	186.6	58.49	11.74	87.8	89.9	25.62	20.63	0	912	26.66	2.094	-0.019	12.48
9/11/2011 15:00	18740	6.804	114	47.08	17.1	5.057	116.8	51.17	13.52	89.3	92	23.22	18.22	0	895	26.64	2.069	-0.025	12.44
9/11/2011 16:00	18741	6.199	135.4	60.8	15.31	4.699	143.1	66.69	13.52	90.4	92.8	21.73	16.92	0	805	26.62	2.047	-0.022	12.43
9/11/2011 17:00	18742	6.058	189	74.95	15.31	4.686	202.4	75.96	13.52	90.9	92.6	21.01	16.36	0	651.4	26.6	2.019	-0.028	14.34
9/11/2011 18:00	18743	5.887	138	44.77	13.52	4.291	143.5	49.19	9.95	91.6	93.3	19.81	15.36	0	524	26.57	2	-0.019	12.84
9/11/2011 19:00	18744	6.254	120.6	29.25	13.52	4.475	123.9	34.56	9.95	90.6	91.8	19.85	15.84	0	304.8	26.56	1.984	-0.016	12.29
9/11/2011 20:00	18745	6.521	117.6	12.66	11.74	3.767	120.2	19.17	9.95	87.9	87.6	21.3	18.11	0	83.6	26.55	1.965	-0.019	16.16
9/11/2011 21:00	18746	6.085	110.7	6.395	8.16	2.683	99.9	13.11	4.578	83	79.66	24.82	23.52	0	0.689	26.53	1.959	-0.006	12.34
9/11/2011 22:00	18747	6.051	141.7	26.11	8.16	2.731	110.3	32.11	6.368	79.8	75.36	27.09	26.69	0	0.015	26.52	1.953	-0.006	12.29
9/11/2011 23:00	18748	7.931	128.7	6.059	11.74	3.212	108.5	13.44	6.368	78.86	74.48	28.13	27.8	0	0.022	26.52	1.946	-0.006	12.38
9/12/2011 0:00	18749	7.683	122.9	4.698	9.95	3.09	110.5	13.22	4.578	76.33	72.69	30.5	29.74	0	0.018	26.52	1.94	-0.006	12.31
9/12/2011 1:00	18750	7.524	115.8	6.175	15.31	3.182	108.4	14.7	8.16	74.14	71.03	32.54	31.35	0	0.01	26.51	1.937	-0.003	16.63

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/12/2011 2:00	18751	9	120	7.2	13.52	4.682	122.1	16.93	8.16	73.72	72.15	33.43	30.73	0	0.01	26.5	1.934	-0.003	12.36
9/12/2011 3:00	18752	8.05	122.4	8.97	11.74	3.895	122	17.67	6.368	72.03	70.41	35.3	32.72	0	0.014	26.5	1.931	-0.003	12.3
9/12/2011 4:00	18753	6.481	138.4	6.528	9.95	2.726	123.8	15.47	6.368	70.75	68.35	36.56	34.87	0	0.008	26.49	1.934	0.003	12.33
9/12/2011 5:00	18754	3.813	150.7	14.4	8.16	0.841	123.2	7.8	4.578	69.26	66.2	38.34	37.32	0	0.005	26.48	1.928	-0.006	12.36
9/12/2011 6:00	18755	4.611	138.3	8.1	6.368	1.266	99	8.09	2.789	68.87	65.62	39.46	38.72	0	0.003	26.47	1.925	-0.003	12.36
9/12/2011 7:00	18756	2.246	131.7	16.43	4.578	0.673	66.49	3.669	2.789	67.49	65.17	41.57	39.87	0	0.003	26.47	1.921	-0.003	16.56
9/12/2011 8:00	18757	3.408	144.7	10.94	4.578	0.74	79.32	5.572	2.789	67.8	64.75	42.05	41.29	0	9.97	26.48	1.921	0	12.34
9/12/2011 9:00	18758	2.355	172.9	16.78	6.368	0.576	204.2	10.23	4.578	70.79	71.11	39.8	35.34	0	154	26.51	1.918	-0.003	12.81
9/12/2011 10:00	18759	4.378	212.6	14	6.368	3.473	222.2	16.93	6.368	77.87	78.61	33.56	28.9	0	359	26.56	1.918	-0.001	16.47
9/12/2011 11:00	18760	6.158	212.6	18.08	11.74	4.847	218.8	20.92	9.95	84.4	85.7	27.33	22.69	0	556.2	26.61	1.911	-0.007	12.34
9/12/2011 12:00	18761	11.11	212.3	16.66	18.89	8.08	217	20.06	15.31	88.5	90.4	22.75	18	0	717.3	26.63	1.898	-0.013	15.17
9/12/2011 13:00	18762	12.08	203.6	16.85	20.68	8.73	210.4	19.05	17.1	91.7	94.2	19.41	14.49	0	856	26.63	1.876	-0.022	12.29
9/12/2011 14:00	18763	11.36	202.8	21.97	24.26	8.2	207.9	24.26	17.1	93.4	96	18.14	13.19	0	870	26.62	1.851	-0.026	15.28
9/12/2011 15:00	18764	9.61	232.4	37.39	18.89	7.563	236.7	38.29	17.1	95	97.1	17.32	12.48	0	882	26.6	1.832	-0.019	12.35
9/12/2011 16:00	18765	8.88	216.5	31.99	22.47	6.731	221.6	34.21	18.89	96.1	98	16.37	11.74	0	743.7	26.58	1.809	-0.022	12.47
9/12/2011 17:00	18766	7.53	216.6	48.27	17.1	5.345	220.9	48.22	13.52	95.9	97.4	16.23	11.77	0	448.8	26.55	1.797	-0.013	12.37
9/12/2011 18:00	18767	9.37	223.5	27.09	20.68	6.547	226	30.74	15.31	94.9	96	16.6	12.33	0	321.4	26.53	1.787	-0.009	12.38
9/12/2011 19:00	18768	6.361	213.9	26.6	15.31	4.615	219	28.39	11.74	94.1	94.6	16.94	13.05	0	166.6	26.52	1.781	-0.006	12.77
9/12/2011 20:00	18769	2.963	324.8	36.01	6.368	1.88	332.5	33.81	6.368	92.1	91.7	18.06	14.79	0	26.48	26.5	1.778	-0.003	12.27
9/12/2011 21:00	18770	3.135	91.1	12.15	6.368	1.622	85.2	21.72	4.578	89.7	87.4	19.45	17.46	0	0.354	26.49	1.778	0	12.29
9/12/2011 22:00	18771	3.586	47.86	15.68	8.16	1.808	51.05	17.2	4.578	88.7	86.8	20.17	17.8	0	0.046	26.5	1.775	-0.003	13.99
9/12/2011 23:00	18772	6.385	22.81	45.17	13.52	4.634	17.01	47.89	13.52	86.9	85.9	22.98	19.8	0	0.051	26.52	1.772	-0.003	12.19
9/13/2011 0:00	18773	3.827	92.8	75.13	8.16	2.044	115.6	73.1	6.368	83.9	82.2	25.46	22.87	0	0.037	26.52	1.769	-0.003	12.3
9/13/2011 1:00	18774	4.498	174.6	89	9.95	2.404	195.9	74.03	6.368	81.3	79.02	28.11	25.94	0	0.037	26.51	1.766	-0.003	12.53
9/13/2011 2:00	18775	7.236	198.8	16.99	15.31	3.276	196.7	29.03	11.74	78.23	74.58	28.99	28.49	0	0.014	26.5	1.766	0	16.07
9/13/2011 3:00	18776	6.698	175.7	9.84	13.52	2.708	168.9	21.19	8.16	77.14	74.51	29.69	28.06	0	0.031	26.48	1.762	-0.003	13.23
9/13/2011 4:00	18777	5.597	183.2	11.5	8.16	1.412	147.4	13.71	4.578	75.28	70.27	31.37	32	0	0.016	26.46	1.763	0	16.71
9/13/2011 5:00	18778	6.101	167	9.96	11.74	2.175	139.4	26.43	6.368	74.34	69	32.85	33.85	0	0.012	26.44	1.763	0	12.35
9/13/2011 6:00	18779	6.246	167.6	12.76	9.95	1.954	163.2	16.87	4.578	73.53	69.44	34.86	34.65	0	0.011	26.42	1.763	0	12.75
9/13/2011 7:00	18780	4.208	143.1	8.23	6.368	0.666	98.9	24.69	2.789	70.93	67.48	38.33	37.83	0	0.008	26.41	1.76	-0.003	12.42
9/13/2011 8:00	18781	1.995	255.1	14.22	6.368	0.803	304.6	9.54	4.578	70.5	67.71	39.34	37.95	0	5.641	26.42	1.76	0	15.24
9/13/2011 9:00	18782	5.042	262.2	11.15	9.95	2.5	284.8	18.82	8.16	71.86	69.12	38.75	37.57	0	84.9	26.43	1.76	0	12.29
9/13/2011 10:00	18783	8.36	237.9	16.41	13.52	6.666	241.5	18.11	13.52	76.76	77.39	34.85	30.13	0	385	26.47	1.759	-0.001	12.39
9/13/2011 11:00	18784	8.65	250.9	26.79	13.52	6.98	253.5	27.44	11.74	81.6	82.7	29.12	24.32	0	547.6	26.52	1.759	0	13.97
9/13/2011 12:00	18785	7.622	317.9	23.76	15.31	6.254	323.3	25.81	11.74	86.6	87.7	23.37	18.73	0	739.8	26.55	1.756	-0.003	12.34
9/13/2011 13:00	18786	5.629	279.3	52.18	13.52	4.779	281.2	53.58	11.74	92.5	93.7	18.98	14.55	0	860	26.55	1.756	0	12.39
9/13/2011 14:00	18787	5.334	307.9	59.36	13.52	4.478	316	58.16	13.52	96.6	97.8	16.67	12.25	0	980	26.55	1.749	-0.006	16.31
9/13/2011 15:00	18788	6.423	262.8	54.49	17.1	5.357	269.5	52.68	15.31	97.2	98.6	16.42	11.97	0	784.8	26.53	1.746	-0.003	12.54
9/13/2011 16:00	18789	9.99	239	28.53	18.89	7.935	243.8	29.86	17.1	96.4	97.9	15.98	11.43	0	614.2	26.51	1.743	-0.003	12.17
9/13/2011 17:00	18790	8.07	227.6	24.69	18.89	6.329	232.4	25.65	17.1	95.2	96.2	16.22	11.95	0	428.1	26.47	1.737	-0.006	12.35
9/13/2011 18:00	18791	9.4	208.6	23.14	18.89	6.937	213.6	24.94	15.31	97.1	98.7	14.49	10.06	0	552.3	26.45	1.737	0	12.17
9/13/2011 19:00	18792	7.201	232.1	18.9	17.1	5.341	236.9	17.15	15.31	94.9	95.3	15.38	11.58	0	180	26.44	1.734	-0.003	12.27
9/13/2011 20:00	18793	1.766	258.6	25.67	6.368	0.725	291.6	21.86	2.789	92.6	91.7	16.58	13.93	0	31.93	26.41	1.73	-0.003	12.53
9/13/2011 21:00	18794	2.372	169.7	56.26	13.52	1.682	89.8	28.14	9.95	89.8	87.1	17.29	16.27	0	0.332	26.4	1.727	-0.003	12.26
9/13/2011 22:00	18795	7.664	353.4	18.29	13.52	5.564	356.2	19.47	11.74	86	85.9	23.75	19.89	0	0.035	26.41	1.727	0	16.46

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/13/2011 23:00	18796	5.297	49.07	45.31	9.95	2.971	56.96	48.84	8.16	83.2	82.4	26.03	22.77	0	0.034	26.41	1.727	0	12.33
9/14/2011 0:00	18797	5.736	100.9	59.46	15.31	2.962	125.3	55.57	9.95	81.9	79.89	27.18	24.87	0	0.032	26.41	1.727	0	12.2
9/14/2011 1:00	18798	7.773	199.3	49.76	20.68	4.74	213.1	51.13	15.31	82.9	81.6	26.77	24.21	0	0.031	26.41	1.727	0	12.45
9/14/2011 2:00	18799	8.26	178.8	11.32	13.52	4.208	183.7	17.8	8.16	82.5	81	28.53	26.07	0	0.031	26.39	1.727	0	12.35
9/14/2011 3:00	18800	5.572	280.8	32.67	11.74	3.747	295.1	39.21	8.16	80.3	79.07	30.11	27.27	0	0.022	26.4	1.724	-0.003	16.6
9/14/2011 4:00	18801	3.677	146.8	65.33	8.16	1.909	102	42.41	6.368	79.25	75.43	31.67	30.96	0	0.012	26.38	1.724	0	12.3
9/14/2011 5:00	18802	6.123	128.5	14.71	9.95	2.801	96.1	23.53	4.578	77.35	71.97	34.53	35.2	0	0.009	26.36	1.725	0	16.4
9/14/2011 6:00	18803	5.037	125.5	28.09	8.16	1.806	87.4	24.04	4.578	74.7	70.13	38.44	38.95	0	0.005	26.35	1.725	0	12.41
9/14/2011 7:00	18804	4.38	116.5	21.49	8.16	1.871	79.34	14.64	4.578	73.86	70.73	40.66	39.16	0	0.006	26.34	1.725	0	16.6
9/14/2011 8:00	18805	8.94	18.62	11.52	15.31	6.104	23.59	13.21	13.52	72.06	71.92	46.42	41.88	0	4.834	26.38	1.725	0	12.32
9/14/2011 9:00	18806	12.59	17.78	16.16	22.47	8.88	22.09	17.15	20.68	67.19	67.57	62.42	56.78	0	118.5	26.4	1.725	0	12.23
9/14/2011 10:00	18807	15.75	14.59	11.06	26.05	11.62	18.93	13.21	22.47	69.81	70.47	59.98	54.2	0	313.1	26.4	1.725	0	12.25
9/14/2011 11:00	18808	14.6	22.34	9.8	26.05	10.17	25.68	12.35	24.26	74.18	75.04	52.88	47.22	0	340.8	26.43	1.724	0	12.35
9/14/2011 12:00	18809	16.63	26.31	13.8	27.84	10.91	28.76	15.05	24.26	78.81	79.97	45.46	39.97	0	664.8	26.46	1.727	0.003	12.18
9/14/2011 13:00	18810	17.7	46.76	14.49	27.84	10.7	47.56	17.64	22.47	81.9	84	39.96	33.97	0	832	26.47	1.724	-0.003	12.28
9/14/2011 14:00	18811	16.05	27.06	18.2	27.84	10.24	29.98	20.19	26.05	81.6	82.8	40.95	35.63	0	466.7	26.49	1.724	0	12.18
9/14/2011 15:00	18812	16.18	24.65	13.95	27.84	10.84	28.34	15.19	27.84	82.3	83.9	40.96	35.04	0	813	26.48	1.724	0	12.21
9/14/2011 16:00	18813	13.39	40.45	20.17	20.68	8.48	42.8	22.74	17.1	82.8	84.4	38.58	33.02	0	414.2	26.47	1.721	-0.003	12.29
9/14/2011 17:00	18814	12.94	52.15	15.87	22.47	8.04	52.28	19.51	20.68	83.5	84.8	36.1	30.95	0	363.9	26.44	1.718	-0.003	12.29
9/14/2011 18:00	18815	12.76	36.3	17.27	22.47	8.1	38.8	19.06	18.89	83.9	84.9	35.67	30.73	0	361.5	26.42	1.718	0	12.12
9/14/2011 19:00	18816	13.17	47.49	18.13	22.47	8.14	49.2	21.26	20.68	83.1	83.7	34.99	30.49	0	184.3	26.42	1.715	-0.003	12.29
9/14/2011 20:00	18817	11.72	57.26	10.57	18.89	7.285	57.67	16.64	13.52	81.6	81.7	35.66	31.55	0	31.6	26.41	1.718	0.003	12.09
9/14/2011 21:00	18818	10.55	57.13	9.16	17.1	6.726	59.71	15.51	13.52	79.29	79.16	40.22	36.09	0	0.262	26.41	1.715	-0.003	12.17
9/14/2011 22:00	18819	13.05	86.4	17.12	27.84	8.3	89	22.79	20.68	76.18	75.63	49.18	46.78	0	0.018	26.42	1.712	-0.003	14.55
9/14/2011 23:00	18820	16.45	98.5	12.2	33.21	10.63	101.1	20.25	24.26	69.32	69.27	67.31	62.72	0	0.011	26.41	1.715	0.004	12.15
9/15/2011 0:00	18821	11.97	90.9	10.34	22.47	7.7	92.7	18.36	17.1	68.61	68.36	67.39	63.01	0	0.008	26.41	1.712	-0.003	12.4
9/15/2011 1:00	18822	15.87	87.4	8.91	27.84	10.18	89.7	17.85	20.68	67.21	67.24	71.68	66.51	0	0.008	26.41	1.712	0	12.23
9/15/2011 2:00	18823	19.14	76.77	10.6	31.42	11.71	78.05	18.74	22.47	65.96	66.13	77.55	71.83	0	0.006	26.39	1.712	0	12.18
9/15/2011 3:00	18824	14.83	26.9	33.68	27.84	10.04	28.54	35.25	26.05	63.51	63.55	85.3	80.4	0.25	0.002	26.41	1.712	0	12.81
9/15/2011 4:00	18825	12.37	23.4	17.75	22.47	7.809	27.56	19.6	17.1	62.43	62.48	89.5	84.5	0.11	0.014	26.42	1.715	0.003	12.11
9/15/2011 5:00	18826	12.2	31.4	22.53	26.05	7.289	32.72	23.94	18.89	62.2	62.28	90.9	85.8	0.19	0.007	26.43	1.712	-0.003	12.33
9/15/2011 6:00	18827	10.86	33.27	11.67	22.47	6.407	36.34	13.03	17.1	61.79	61.86	92.2	86.9	0.31	0.009	26.45	1.845	0.133	12.35
9/15/2011 7:00	18828	16.16	57.49	29.5	31.42	10.36	60.65	31.29	26.05	61.07	61.11	92.7	87.4	0.33	0.008	26.45	2.128	0.282	12.09
9/15/2011 8:00	18829	17.05	91	9.52	31.42	11.13	93.1	17.75	20.68	60.53	60.54	93.2	87.9	0.12	1.821	26.43	2.235	0.108	14.83
9/15/2011 9:00	18830	14.45	82.7	9.56	24.26	8.84	84.5	18.31	17.1	60.18	60.18	92.3	87.5	0.09	12.56	26.45	2.311	0.076	15.96
9/15/2011 10:00	18831	16.64	79.38	8.7	27.84	9.88	81.1	17.42	20.68	59.47	59.63	92.6	87.6	0.11	48.11	26.45	2.429	0.117	12.27
9/15/2011 11:00	18832	15.41	86.2	9.49	24.26	9.77	88.5	18.14	18.89	59.69	60.07	91.7	86.7	0	154.9	26.45	2.429	0	12.04
9/15/2011 12:00	18833	13.56	92.2	10.92	22.47	8.98	95.1	19.88	17.1	60.31	61.37	88.2	82.7	0	332.9	26.48	2.429	0	16.43
9/15/2011 13:00	18834	11.1	95.4	11.86	18.89	7.321	98.1	20.74	13.52	60.96	62.54	85.9	79.47	0	367.4	26.49	2.432	0.003	12.11
9/15/2011 14:00	18835	11.16	96.4	12.56	18.89	7.482	99	20.88	15.31	61.81	63.28	84.3	77.85	0	269.4	26.48	2.432	0	12.18
9/15/2011 15:00	18836	11.94	87.3	12.43	20.68	7.834	90	20.45	15.31	61.65	63.01	83.9	77.54	0	190.4	26.47	2.432	0	12.22
9/15/2011 16:00	18837	11.73	68.94	11.13	17.1	7.544	69.53	17.81	13.52	60.96	61.8	85.5	79.26	0	114.2	26.46	2.432	0	12.81
9/15/2011 17:00	18838	12.14	71.89	12.06	17.1	7.632	72.7	18.83	15.31	60	60.85	87	80.6	0	121	26.44	2.429	-0.003	12.23
9/15/2011 18:00	18839	12.58	71.62	12.06	17.1	8.1	72.97	18.7	13.52	60.32	61.43	86	79.2	0	211.3	26.42	2.432	0.003	12.15
9/15/2011 19:00	18840	12.21	86.1	11.64	18.89	7.813	87.9	20.01	15.31	59.78	60.65	87.2	80.7	0	95.8	26.41	2.429	-0.003	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/15/2011 20:00	18841	10.18	87.7	12.43	17.1	6.533	89.7	19.97	11.74	59.72	60.26	88	81.8	0	20.9	26.4	2.426	-0.003	16.1
9/15/2011 21:00	18842	9.39	72.6	13.06	15.31	5.998	74.5	19.43	9.95	59.27	59.64	89.3	83.3	0	0.116	26.39	2.422	-0.003	12.15
9/15/2011 22:00	18843	11.38	73.66	10.43	17.1	7.1	74.27	18.43	13.52	58.6	58.95	91.7	85.4	0	0.003	26.4	2.419	-0.003	12.16
9/15/2011 23:00	18844	12.8	80.1	9.98	20.68	7.874	81.9	18.73	15.31	58.04	58.47	93.7	87	0	0.006	26.43	2.416	-0.003	12.1
9/16/2011 0:00	18845	9.48	88.2	10.39	17.1	6.118	90.6	18.77	13.52	58.48	58.82	92.5	86.3	0	0.003	26.44	2.41	-0.006	12.32
9/16/2011 1:00	18846	11.37	79.96	9.84	20.68	6.948	82.8	18.3	13.52	58.29	58.6	90.3	84.3	0	0.005	26.42	2.413	0.003	12.15
9/16/2011 2:00	18847	10.38	78.54	15.4	18.89	6.653	80.1	22.04	15.31	57.62	57.89	89.8	83.9	0	0.004	26.42	2.407	-0.006	16.74
9/16/2011 3:00	18848	6.521	347	67.25	20.68	4.297	348.7	64.16	17.1	57.09	57.27	90.7	84.9	0.53	0.02	26.46	2.781	0.374	16.64
9/16/2011 4:00	18849	6.309	94.5	19.5	11.74	3.696	99.6	22.01	8.16	56.74	56.9	94	88	0.06	0.031	26.45	2.854	0.073	12.19
9/16/2011 5:00	18850	10.55	104.7	10.44	20.68	6.67	109	19.38	15.31	56.57	56.7	94.2	88.6	0	0.021	26.41	2.854	0	13.3
9/16/2011 6:00	18851	11.11	107.3	10.81	24.26	6.838	110.2	19.61	17.1	56.56	56.5	92.8	88	0	0.009	26.36	2.86	0.006	12.24
9/16/2011 7:00	18852	4.446	101.4	46.87	11.74	2.299	109	43.41	8.16	55.89	55.57	92.2	87.3	0	0.005	26.37	2.857	-0.003	15.75
9/16/2011 8:00	18853	4.591	22.05	28.83	8.16	2.496	29.51	28.01	6.368	55.75	55.6	92.6	87.8	0	7.028	26.38	2.858	0	15
9/16/2011 9:00	18854	2.766	240.2	50.46	6.368	1.649	246.6	38.49	6.368	56.71	56.87	91.8	86.7	0	80.3	26.4	2.857	0	16.57
9/16/2011 10:00	18855	5.724	207.2	23.51	9.95	4.039	214.1	24.15	8.16	58.07	58.55	91.4	85.6	0	128.2	26.42	2.857	0	12.23
9/16/2011 11:00	18856	7.501	204.2	17.87	13.52	5.216	210	19.11	11.74	60.9	61.63	88.8	82.6	0	191.2	26.44	2.857	0	16.26
9/16/2011 12:00	18857	9.43	198.9	14.33	15.31	6.405	205	18.29	11.74	62.89	64.01	85.9	79.4	0	340.9	26.46	2.86	0.003	12.32
9/16/2011 13:00	18858	8.33	201.6	21.98	15.31	6.013	208.5	24.59	13.52	65.31	66.71	82	75.19	0	531.5	26.46	2.856	-0.004	12.28
9/16/2011 14:00	18859	7.395	198.7	23.35	13.52	5.417	207.2	27.68	11.74	70.4	72.27	73.65	67.03	0	950	26.48	2.859	0.003	14.18
9/16/2011 15:00	18860	6.337	191.5	26.12	13.52	4.646	201.5	29.12	11.74	74.68	76.61	64.75	59.04	0	888	26.49	2.859	0	12.31
9/16/2011 16:00	18861	6.987	179.4	26.24	13.52	5.013	188.6	29.81	11.74	77.82	79.74	56	51.05	0	809	26.48	2.859	0	16.45
9/16/2011 17:00	18862	7.961	185.1	30.76	13.52	5.657	193	32.54	11.74	78.94	80.8	55.06	50.06	0	662	26.47	2.843	-0.016	15.29
9/16/2011 18:00	18863	7.768	191.5	19.94	15.31	5.49	198.5	25.1	11.74	79.46	80.8	54.32	49.92	0	466	26.45	2.827	-0.016	12.32
9/16/2011 19:00	18864	6.537	166.1	20.51	13.52	4.278	171.3	25.05	9.95	79.9	80.8	53.22	49.27	0	269	26.43	2.814	-0.012	12.16
9/16/2011 20:00	18865	7.264	167.9	13.92	13.52	3.955	169.9	18.5	9.95	77.76	77.3	56.49	54.38	0	61.42	26.41	2.805	-0.009	12.27
9/16/2011 21:00	18866	6.245	161.9	6.578	9.95	2.137	164	13.33	6.368	73.8	71.59	63.71	64.95	0	0.413	26.39	2.796	-0.009	15.58
9/16/2011 22:00	18867	4.266	139.8	18.05	6.368	1.126	101.1	20.26	4.578	70.9	68.85	71.82	73	0	0.01	26.38	2.793	-0.002	12.32
9/16/2011 23:00	18868	6.314	143.5	9.67	11.74	1.616	130.9	16.79	4.578	71.82	68.12	68.56	74.36	0	0.008	26.38	2.79	-0.003	15.72
9/17/2011 0:00	18869	7.862	150.5	7.926	11.74	3.7	150.4	15.47	8.16	70.65	68.9	73.37	73.03	0	0.011	26.39	2.79	0	14.93
9/17/2011 1:00	18870	8.21	161	10.05	15.31	4.251	164.2	17.27	8.16	70.03	68.94	76.85	74.6	0	0.011	26.39	2.787	-0.003	12.17
9/17/2011 2:00	18871	4.637	153.2	10.04	9.95	1.375	154.6	9.77	6.368	68.82	67.33	79.94	78.02	0	0.008	26.38	2.784	-0.003	16.48
9/17/2011 3:00	18872	6.226	163.5	6.215	9.95	2.303	165.5	11.48	6.368	67.64	65.9	83.1	81.7	0	0.007	26.38	2.784	0	15.89
9/17/2011 4:00	18873	5.145	169.3	7.535	8.16	1.497	174.2	10.37	4.578	66.28	64.93	87	84.2	0	0.008	26.37	2.781	-0.003	12.47
9/17/2011 5:00	18874	5.317	177.9	7.092	9.95	1.647	188.3	8.83	6.368	65.25	63.93	89.5	86.3	0	0.004	26.36	2.781	0	15.93
9/17/2011 6:00	18875	6.773	187	8.06	9.95	3.695	196	13.64	6.368	65.18	64.42	91.8	87.6	0	0.007	26.35	2.781	0	12.35
9/17/2011 7:00	18876	4.998	211.2	12.02	9.95	2.426	221.9	14.26	6.368	64.87	64.12	93.3	88.2	0	0.025	26.36	2.781	0	12.31
9/17/2011 8:00	18877	6.479	202.5	7.714	9.95	3.709	209	10.97	8.16	64.58	64.02	94.9	89.6	0	9.41	26.37	2.781	0	12.32
9/17/2011 9:00	18878	5.698	214.2	15.3	11.74	3.923	221.2	16.78	9.95	65.46	65.57	94.7	89.5	0	97	26.39	2.778	-0.003	13.46
9/17/2011 12:00	18879	10.84	228	13.58	17.1	8.16	231.6	15.75	13.52	80.7	81.7	51.88	48.23	0	758.5	26.49	2.773	2.773	12.17
9/17/2011 13:00	18880	9.76	226.4	18.86	17.1	7.56	230.7	19.6	17.1	83.9	85	45.76	42.24	0	848	26.5	2.763	-0.01	12.27
9/17/2011 14:00	18881	8.71	247.2	31.26	20.68	6.938	251.2	32.46	15.31	87.3	88.1	37.01	33.63	0	923	26.49	2.741	-0.022	13.29
9/17/2011 15:00	18882	7.63	241.2	32.68	17.1	5.911	245.9	34.24	17.1	88.5	89.2	31.84	28.88	0	655	26.47	2.722	-0.019	12.31
9/17/2011 16:00	18883	9.32	275.9	34.81	17.1	7.572	279.4	36.2	17.1	86.9	87.2	33.17	30.21	0	499.2	26.44	2.7	-0.022	12.33
9/17/2011 17:00	18884	9.69	267.6	27.43	18.89	7.655	270.3	28.82	15.31	88.4	88.9	31.2	27.88	0	627.3	26.43	2.681	-0.019	12.26
9/17/2011 18:00	18885	13.42	219	30.77	24.26	9.77	223.6	29.96	17.1	87.9	88.9	31.8	28.28	0	553.5	26.42	2.656	-0.025	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/17/2011 19:00	18886	12.92	187	10.84	20.68	8.3	193.6	16.36	15.31	85.5	86.1	35.36	32.13	0	277.1	26.41	2.634	-0.022	12.39
9/17/2011 20:00	18887	8.92	178.5	7.409	18.89	4.705	184.4	13.65	13.52	82.5	81.5	34.69	33.54	0	64.02	26.39	2.615	-0.019	12.31
9/17/2011 21:00	18888	4.929	182.3	21.56	8.16	0.595	170.4	15.28	2.789	76.86	73.8	43.7	47.06	0	0.358	26.37	2.609	-0.006	12.22
9/17/2011 22:00	18889	3.342	221.9	29.89	9.95	0.425	212.9	20.31	4.578	74.55	71.75	49.48	53.03	0	0.008	26.36	2.606	-0.003	12.25
9/17/2011 23:00	18890	4.626	202.1	8.64	6.368	0.476	199.8	4.302	2.789	72.77	70.07	56.19	58.36	0	0.008	26.37	2.603	-0.003	16.37
9/18/2011 0:00	18891	3.946	213.3	13.96	6.368	0.006	211.6	0.972	2.789	70.77	68.49	62.24	63.84	0	0.006	26.37	2.597	-0.006	12.32
9/18/2011 1:00	18892	3.959	206.5	10.13	6.368	0.004	208.1	0.801	2.789	69.51	67.28	65.86	66.82	0	0.004	26.36	2.597	0	12.29
9/18/2011 2:00	18893	4.393	203.1	31.38	8.16	0.241	228.7	20.81	2.789	68.57	65.95	69.15	70.69	0	0.003	26.36	2.594	-0.003	16.43
9/18/2011 3:00	18894	4.072	219.9	12.81	6.368	0.134	263.3	8.5	2.789	67.53	64.94	72.22	73.39	0	0.002	26.36	2.594	0	13.01
9/18/2011 4:00	18895	4.674	212.1	7.629	8.16	0.803	230.1	8.12	4.578	66.5	63.99	75.18	76.17	0	0.002	26.36	2.594	0	12.6
9/18/2011 5:00	18896	5.595	249.2	19.13	8.16	2.452	266.8	21.14	6.368	65.73	63.78	78.85	78.28	0	0.002	26.37	2.594	0	12.32
9/18/2011 6:00	18897	5.356	249.3	32.06	11.74	2.994	263.1	40.84	9.95	65.19	63.93	82.5	79.91	0	0.002	26.38	2.59	-0.003	12.72
9/18/2011 7:00	18898	3.983	273.8	15.3	6.368	1.304	298	15.94	4.578	64.17	62.22	85.5	83.1	0	0.003	26.39	2.59	0	12.25
9/18/2011 8:00	18899	2.84	280.5	14.98	6.368	0.331	312.3	5.675	2.789	63.32	61.3	89.7	86.4	0	6.388	26.39	2.587	-0.003	14.98
9/18/2011 9:00	18900	2.767	321.8	26.92	6.368	1.574	334	25.04	6.368	66.46	66.07	88.4	83.4	0	140.5	26.42	2.587	0	12.25
9/18/2011 10:00	18901	10.53	5.821	28.03	18.89	7.303	10.06	29.19	17.1	70.46	70.92	60.34	56.38	0	358.3	26.48	2.587	-0.001	12.23
9/18/2011 11:00	18902	10.26	25.47	14.01	17.1	6.677	29.24	15.56	13.52	72.53	73.23	53.33	49.22	0	569.7	26.51	2.58	-0.007	12.26
9/18/2011 12:00	18903	10.87	17.57	12.84	17.1	7.616	21.88	15.62	15.31	75.47	76.43	51.46	46.88	0	739.1	26.55	2.577	-0.003	15.19
9/18/2011 13:00	18904	9.75	32.33	18.57	18.89	6.188	35.74	20.23	15.31	78.86	80.2	46.52	42.01	0	856	26.56	2.57	-0.007	12.31
9/18/2011 14:00	18905	9.68	18.4	17.72	18.89	6.845	21.35	19.31	17.1	81.7	82.9	38.34	34.02	0	908	26.56	2.557	-0.013	12.49
9/18/2011 15:00	18906	8.34	0.756	31.83	17.1	6.131	4.967	34.03	15.31	83.8	85	32.77	28.61	0	896	26.56	2.538	-0.019	12.26
9/18/2011 16:00	18907	8.59	359.1	24.4	17.1	6.487	1.677	28.27	13.52	85.3	86.5	27.53	23.57	0	816	26.55	2.51	-0.029	16.32
9/18/2011 17:00	18908	9.45	16.9	20.64	18.89	6.475	21.54	22.8	15.31	85.3	86.3	27.05	23.16	0	673.5	26.53	2.478	-0.032	12.32
9/18/2011 18:00	18909	8.96	11.28	22.46	17.1	6.204	15.41	25.2	13.52	84.9	85.7	27.58	23.8	0	485.9	26.52	2.459	-0.019	12.27
9/18/2011 19:00	18910	8.41	352.7	16.33	15.31	6.262	356.3	19.22	11.74	84.3	84.7	28.43	25	0	271.3	26.51	2.437	-0.022	12.27
9/18/2011 20:00	18911	6.949	15.74	12.43	11.74	4.742	21.1	14.42	9.95	82.4	82.1	29.55	26.62	0	62	26.5	2.425	-0.012	12.31
9/18/2011 21:00	18912	7.128	24.84	10.12	11.74	4.051	30.83	12.92	9.95	78.55	77.88	34.13	31.82	0	0.313	26.49	2.412	-0.013	12.29
9/18/2011 22:00	18913	6.854	38.27	13.53	9.95	3.462	43.81	15.29	8.16	75.36	74.43	39.98	38.01	0	0.024	26.48	2.403	-0.009	12.43
9/18/2011 23:00	18914	7.632	52.5	7.364	11.74	4.543	59.9	13.19	8.16	73.12	71.78	44.34	43.03	0	0.022	26.48	2.4	-0.003	16.25
9/19/2011 0:00	18915	7.469	62.35	6.762	9.95	3.85	73.62	15.84	6.368	69.99	67.97	50.91	52.35	0	0.013	26.48	2.397	-0.003	12.83
9/19/2011 1:00	18916	7.606	61.81	5.781	17.1	3.892	64.49	14.32	8.16	67.66	65.85	55.26	55.9	0	0.003	26.47	2.391	-0.006	12.3
9/19/2011 2:00	18917	7.473	56.92	6.028	9.95	3.787	58.2	12.25	6.368	67.17	65.5	55.61	55.6	0	0.004	26.46	2.388	-0.003	12.27
9/19/2011 3:00	18918	9.56	62.98	6.387	13.52	5.675	65.8	13.66	9.95	66.42	65.23	56.11	54.78	0	0.008	26.47	2.384	-0.003	12.23
9/19/2011 4:00	18919	9.97	68.41	6.659	13.52	5.749	67.23	14.52	9.95	64.27	63.23	60.34	58.73	0	0.005	26.48	2.378	-0.006	16.49
9/19/2011 5:00	18920	10.43	70.5	7.143	15.31	6.008	67.93	14.77	11.74	63.51	62.35	60.71	59.37	0	0.003	26.47	2.375	-0.003	12.17
9/19/2011 6:00	18921	9.59	64.4	7.409	15.31	5.576	65.52	14.26	13.52	62.91	61.83	60.76	59.08	0	0.003	26.46	2.372	-0.003	12.27
9/19/2011 7:00	18922	9.42	62.26	7.38	13.52	5.548	64.71	14.39	9.95	61.9	60.98	62.38	60.26	0	0.003	26.48	2.369	-0.003	12.16
9/19/2011 8:00	18923	8.67	62.48	7.753	11.74	4.939	66.58	15.59	8.16	61.14	60.2	63.31	61.27	0	8	26.49	2.369	0	12.19
9/19/2011 9:00	18924	7.549	70.01	10.81	13.52	4.511	71.06	16.55	9.95	62.63	63.01	61.81	57.56	0	148.5	26.51	2.362	-0.006	12.21
9/19/2011 10:00	18925	9.09	98.1	17.24	15.31	6.032	100.3	24.83	11.74	67.94	69.27	51.71	46.93	0	361.7	26.56	2.359	-0.004	16.28
9/19/2011 11:00	18926	10.69	136.1	15.21	18.89	6.893	142.1	22.3	13.52	71.94	74.1	46.71	41.34	0	571.3	26.61	2.355	-0.004	14.45
9/19/2011 12:00	18927	9.51	149.8	18.27	17.1	6.26	157.1	23.51	15.31	76.08	78.65	42.5	37.04	0	744.2	26.64	2.346	-0.01	14.97
9/19/2011 13:00	18928	8.44	152.8	25.04	17.1	5.713	157.7	33	13.52	80.3	82.9	36.3	31.24	0	861	26.64	2.336	-0.01	12.24
9/19/2011 14:00	18929	6.444	148.5	47.37	17.1	4.74	154.9	52.1	11.74	83.9	86.3	30.43	25.91	0	916	26.63	2.32	-0.016	12.17
9/19/2011 15:00	18930	7.248	151.6	50.12	15.31	5.215	159.9	56.17	11.74	85.9	88.3	25.18	20.9	0	902	26.61	2.301	-0.019	12.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/19/2011 16:00	18931	7.677	130.6	37.5	17.1	5.393	135.1	43.94	13.52	86.6	89.2	20.77	16.67	0	819	26.59	2.266	-0.035	12.19
9/19/2011 17:00	18932	7.797	130	37.4	17.1	5.474	131.6	46.1	13.52	86.9	89	22.75	18.66	0	676.3	26.56	2.241	-0.025	12.92
9/19/2011 18:00	18933	8.1	140	30.49	18.89	5.411	145.7	39.88	13.52	86.7	88.4	21.94	18.07	0	487.3	26.54	2.218	-0.022	12.23
9/19/2011 19:00	18934	8.44	137.4	17	17.1	5.405	142.8	23.51	11.74	85.7	86.7	22.67	18.99	0	269.1	26.52	2.199	-0.019	16.35
9/19/2011 20:00	18935	7.79	131.1	10.49	13.52	4.018	136.1	16.74	9.95	82.5	81.6	25.85	24.61	0	57.9	26.5	2.184	-0.016	12.27
9/19/2011 21:00	18936	8.08	124.6	5.464	9.95	3.518	124.1	14.33	6.368	76.3	73.89	33.85	34.21	0	0.246	26.48	2.178	-0.006	14.38
9/19/2011 22:00	18937	8.37	124.6	6.115	11.74	3.665	124	15.61	8.16	73.38	71.04	38.44	38.7	0	0.007	26.46	2.169	-0.009	15.58
9/19/2011 23:00	18938	8.9	124.2	5.986	13.52	4.227	125.7	15.62	8.16	72.02	70.14	40.53	39.89	0	0.011	26.45	2.166	-0.003	12.21
9/20/2011 0:00	18939	9.41	128.7	6.863	13.52	4.741	131.8	16.64	9.95	71.8	70.13	40.17	39.1	0	0.013	26.44	2.159	-0.006	12.39
9/20/2011 1:00	18940	10.62	131.7	8.05	20.68	5.667	135.8	17.72	13.52	71.47	70.03	39.23	37.67	0	0.012	26.43	2.153	-0.006	12.31
9/20/2011 2:00	18941	10.74	144.4	7.931	17.1	5.901	149.4	15.39	13.52	70.36	69.25	37.78	35.7	0	0.009	26.43	2.147	-0.006	12.23
9/20/2011 3:00	18942	8.99	148.9	7.471	13.52	4.518	152.4	15.25	9.95	68.26	67.04	39.69	37.78	0	0.007	26.42	2.137	-0.009	12.45
9/20/2011 4:00	18943	5.111	166.1	12.67	9.95	1.311	164.5	10.82	4.578	65.03	62.97	44.41	44.22	0	0.004	26.4	2.134	-0.003	12.25
9/20/2011 5:00	18944	3.695	169.5	16.17	8.16	0.113	142.4	3.047	2.789	63.15	60.31	47.19	49.89	0	0.001	26.38	2.131	-0.003	12.29
9/20/2011 6:00	18945	3.851	197.6	7.067	6.368	0.129	206.5	2.751	2.789	62.41	59.67	48.74	52.26	0	0.001	26.37	2.131	0	12.25
9/20/2011 7:00	18946	4.362	148.1	14.95	8.16	1.003	98.5	8.69	2.789	61.86	59.32	48.96	51.84	0	0.001	26.36	2.131	0	13.39
9/20/2011 8:00	18947	6.356	151.9	14.92	9.95	2.21	152	22.82	6.368	61.94	59.42	49.95	52.18	0	8.27	26.35	2.131	0	12.29
9/20/2011 9:00	18948	5.697	190.6	13.02	11.74	3.241	200.4	16.33	9.95	65.25	65.3	48.14	45.12	0	132.3	26.37	2.124	-0.007	12.35
9/20/2011 14:00	18949	8.92	225.7	27.75	26.05	6.933	232.5	28.29	22.47	86.5	88	29.02	24.51	0	884	26.47	2.076	2.076	12.06
9/20/2011 15:00	18950	8.58	223.4	26.48	18.89	6.434	228.9	28.67	15.31	89.1	90.8	25.59	21.15	0	827	26.46	2.057	-0.019	16.19
9/20/2011 16:00	18951	8.98	204.7	23.88	18.89	6.519	209.3	27.87	13.52	90.2	91.9	24.37	20.06	0	751.3	26.44	2.028	-0.029	12.16
9/20/2011 17:00	18952	7.326	222.6	35.88	15.31	5.54	227.5	36.23	11.74	92.1	93.2	22.29	18.23	0	679.5	26.41	2.006	-0.022	12.71
9/20/2011 18:00	18953	8.38	209.2	21.92	17.1	6.161	214.4	25.24	13.52	91.5	92.5	21.04	17.24	0	460.4	26.4	1.984	-0.022	12.15
9/20/2011 19:00	18954	7.415	228.9	24.17	13.52	5.422	232.6	25.38	11.74	90.8	91.1	21.86	18.54	0	231.2	26.39	1.955	-0.029	16.07
9/20/2011 20:00	18955	8.93	215.9	9.56	15.31	5.668	220.5	12.61	11.74	87.1	86.5	25.98	23.34	0	49.23	26.37	1.94	-0.016	16.23
9/20/2011 21:00	18956	5.643	214.5	6.22	9.95	1.976	224.7	9.32	6.368	81.2	78.9	33.75	33.87	0	0.201	26.36	1.93	-0.009	14.04
9/20/2011 22:00	18957	3.836	227.8	16.16	6.368	0.392	232.3	14.54	2.789	78.27	75.12	37.03	39.28	0	0.014	26.34	1.927	-0.003	13.79
9/20/2011 23:00	18958	4.116	162.3	41.89	13.52	1.433	116.3	14.31	8.16	76.79	73.81	38.15	40.36	0	0.017	26.34	1.928	0	14.67
9/21/2011 0:00	18959	7.662	147	8.85	11.74	3.34	147	16.18	6.368	74.36	72.18	40.31	40.37	0	0.015	26.34	1.921	-0.006	12.23
9/21/2011 1:00	18960	3.938	302.2	66.82	15.31	2.297	318.4	60.67	6.368	73.43	71.54	40.77	40.69	0	0.014	26.36	1.918	-0.003	16.44
9/21/2011 2:00	18961	6.328	183.3	19.27	9.95	2.166	154.9	20.7	4.578	74.36	68.14	40.29	48.61	0	0.005	26.35	1.918	0	15.74
9/21/2011 3:00	18962	5.552	170.8	23.26	9.95	1.388	151.5	22.7	4.578	70.7	66.96	47.07	50.74	0	0.006	26.33	1.915	-0.003	12.35
9/21/2011 4:00	18963	5.499	191.4	33.2	8.16	1.729	171.9	46.39	4.578	70.04	65.72	48.26	53.37	0	0.004	26.32	1.915	0	13.6
9/21/2011 5:00	18964	3.55	331.6	51.84	9.95	1.831	355.8	29.19	8.16	68.54	65.53	51.11	54.54	0	0.004	26.31	1.912	-0.003	14.99
9/21/2011 6:00	18965	12.07	11.15	10.61	20.68	8.6	15.76	12.97	18.89	63.47	63.34	63.15	58.87	0	0.007	26.33	1.909	-0.003	12.32
9/21/2011 7:00	18966	14.15	13.68	11.86	24.26	9.82	17.85	14.05	20.68	61.41	61.44	64.98	60.28	0	0.005	26.35	1.902	-0.006	16.68
9/21/2011 8:00	18967	13.85	18	11.3	22.47	9.64	22.94	12.59	18.89	60.71	60.7	63.98	59.32	0	6.141	26.36	1.896	-0.006	14.73
9/21/2011 9:00	18968	14.22	8.26	12.26	22.47	10.25	12.85	14.81	20.68	61.27	61.59	60.15	55	0	133.6	26.38	1.893	-0.003	12.31
9/21/2011 10:00	18969	15.46	15.09	11.16	22.47	11.09	19.12	13.1	24.26	64.11	64.77	54.66	49.41	0	349.3	26.41	1.89	-0.003	12.28
9/21/2011 11:00	18970	13.67	14.82	12.65	22.47	9.86	19.07	14.76	20.68	68.16	69.04	49.83	44.55	0	566.6	26.46	1.886	-0.004	12.21
9/21/2011 12:00	18971	11.52	13.96	15.39	18.89	8.3	17.55	17.01	17.1	72.55	73.68	44.62	39.35	0	737	26.5	1.88	-0.006	12.43
9/21/2011 13:00	18972	9.67	5.781	18.24	17.1	7.224	10.33	20.74	15.31	76.85	78.17	39.86	34.58	0	859	26.52	1.867	-0.013	12.64
9/21/2011 14:00	18973	9.18	359.3	23.73	17.1	7.093	2.793	26.53	13.52	80.3	81.8	36.18	30.93	0	914	26.53	1.857	-0.01	15.9
9/21/2011 15:00	18974	8.28	355.4	32.04	15.31	6.195	359.9	32.27	15.31	82.7	84.2	33.53	28.43	0	834	26.52	1.841	-0.016	12.17
9/21/2011 16:00	18975	6.752	13.57	32.37	15.31	4.911	18.71	33.73	13.52	85.4	86.5	30.54	25.94	0	800	26.5	1.825	-0.016	13.72

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/21/2011 17:00	18976	4.927	347.7	31.07	13.52	3.836	345.9	34.76	9.95	87.7	88.3	28	23.9	0	657.1	26.49	1.813	-0.013	12.45
9/21/2011 18:00	18977	5.814	344.1	28.38	11.74	4.532	344.4	31.15	11.74	87.2	87.8	27.57	23.46	0	470.9	26.47	1.803	-0.009	12.3
9/21/2011 19:00	18978	2.907	6.917	48.13	8.16	2.084	5.239	45.89	6.368	88	88.1	25.66	22.32	0	257	26.45	1.797	-0.006	16.21
9/21/2011 20:00	18979	2.396	0.656	53.47	6.368	1.128	342.9	46.69	6.368	84.9	83.6	28.94	28.5	0	47.21	26.45	1.791	-0.006	12.34
9/21/2011 21:00	18980	2.719	49.68	16.2	4.578	1.469	86.4	21.46	4.578	79.3	76.39	36.29	38.67	0	0.091	26.42	1.781	-0.009	12.12
9/21/2011 22:00	18981	4.42	46.25	14.64	8.16	2.329	67.86	16.8	4.578	76.63	73.26	39.65	42.67	0	0.009	26.41	1.779	-0.003	15.24
9/21/2011 23:00	18982	4.669	49.96	7.447	6.368	2.174	70.45	10.41	4.578	75.44	72.17	41.17	44.35	0	0.01	26.41	1.779	0	12.21
9/22/2011 0:00	18983	7.104	75.3	22.24	13.52	3.637	80.9	21.84	8.16	73.49	71.17	45.66	46.53	0	0.012	26.41	1.776	-0.003	12.43
9/22/2011 1:00	18984	6.442	184.4	43.08	15.31	3.055	185.6	52.04	9.95	69.75	68.46	51.03	49.43	0	0.01	26.42	1.776	0	12.27
9/22/2011 2:00	18985	6.398	201.7	26.25	11.74	2.92	202.3	26.87	6.368	68.1	66.39	54.31	53.59	0	0.004	26.41	1.776	0	12.29
9/22/2011 3:00	18986	5.289	189.1	11.91	9.95	2.065	196.9	14.35	4.578	66.52	65.22	57.76	56.35	0	0.005	26.41	1.769	-0.006	14.72
9/22/2011 4:00	18987	7.453	201.2	13.85	11.74	4.255	207.7	16.88	8.16	66.98	66.05	57.17	54.62	0	0.008	26.41	1.769	0	12.19
9/22/2011 5:00	18988	7.879	207.2	12.55	13.52	4.772	213.4	16.03	9.95	66.05	65.29	59.96	57.05	0	0.004	26.41	1.769	0	12.24
9/22/2011 6:00	18989	7.416	138.6	56.27	18.89	3.965	128.9	59.27	13.52	66.3	65.4	60.13	57.55	0	0.008	26.41	1.766	-0.003	12.71
9/22/2011 7:00	18990	14.53	44.43	14.64	24.26	8.34	46.62	17.02	18.89	61.47	61.41	63.24	58.74	0	0.004	26.45	1.766	0	16.55
9/22/2011 8:00	18991	16.78	47.97	10.88	31.42	9.64	49.19	16.28	20.68	58.24	58.23	62.27	57.74	0	7.129	26.46	1.763	-0.003	12.3
9/22/2011 9:00	18992	20.27	51.75	10.74	34.99	11.64	51.88	16.54	26.05	56.85	57.1	59.5	54.58	0	64	26.47	1.76	-0.003	15.22
9/22/2011 10:00	18993	20.18	62.86	11.1	31.42	12.85	63.35	17.09	24.26	56.87	57.8	57.98	52.25	0	328.7	26.49	1.76	0	12.17
9/22/2011 11:00	18994	18.18	60.15	11.3	27.84	11.36	60.82	17.76	22.47	58.06	59.18	59.25	53.13	0	345.3	26.54	1.757	-0.003	12.31
9/22/2011 12:00	18995	14.49	45.69	13.74	24.26	8.59	45.74	16.37	18.89	60.17	61.48	59.86	53.47	0	564.3	26.58	1.757	0	12.19
9/22/2011 13:00	18996	14.19	57.14	14.6	26.05	8.83	57.49	19.84	18.89	62.34	64.62	59.59	51.98	0	770.5	26.61	1.756	0	12.12
9/22/2011 14:00	18997	13.73	60.9	16.19	22.47	8.78	62.38	22.22	18.89	64.4	66.86	58.89	51.2	0	766.6	26.61	1.75	-0.007	15.68
9/22/2011 15:00	18998	12.86	69.61	17.8	22.47	8.42	70.79	24.01	17.1	67.17	69.95	55.16	47.43	0	840	26.6	1.746	-0.003	12.18
9/22/2011 16:00	18999	9	81.8	23.73	18.89	6.331	82.4	30.3	13.52	70.73	73.4	50.65	43.68	0	783.9	26.59	1.746	0	12.33
9/22/2011 17:00	19000	5.678	98.5	40.45	15.31	4.007	98	46.23	11.74	73.94	76.09	47.09	41.03	0	641	26.59	1.743	-0.003	12.34
9/22/2011 18:00	19001	6.592	97.6	34.7	15.31	4.46	101.5	41.59	11.74	74.15	75.97	46.54	40.8	0	451.2	26.58	1.74	-0.003	12.23
9/22/2011 19:00	19002	6.099	76.64	26.59	11.74	4.029	77.6	29.43	11.74	73.77	74.79	46.42	41.56	0	237.8	26.56	1.74	0	12.16
9/22/2011 20:00	19003	5.634	72.52	13.63	9.95	3.451	75.55	19.18	9.95	71.73	71.64	49.29	45.66	0	44.98	26.54	1.734	-0.006	12.3
9/22/2011 21:00	19004	5.365	58.1	7.343	8.16	2.886	69.45	13.07	6.368	68.75	67.65	54.19	51.95	0	0.098	26.52	1.734	0	16.17
9/22/2011 22:00	19005	5.039	62.99	8.31	8.16	2.347	79.99	13.8	4.578	66.03	64.34	59.24	58.49	0	0.004	26.52	1.734	0	12.23
9/22/2011 23:00	19006	5.373	59.07	8.04	8.16	2.696	65.15	11.57	4.578	64.03	62.62	62.96	61.46	0	0.001	26.53	1.731	-0.003	13.4
9/23/2011 0:00	19007	5.501	60.35	9.75	8.16	2.71	64.77	13.55	4.578	62.65	61.43	65.31	63.34	0	0.002	26.53	1.731	0	12.61
9/23/2011 1:00	19008	6.162	89	9.5	11.74	2.412	85.1	12.78	4.578	60.98	59.2	67.97	67.38	0	0.001	26.52	1.731	0	12.25
9/23/2011 2:00	19009	5.473	94	5.738	8.16	2.293	81.3	12.01	4.578	59.09	57.35	71.48	70.71	0	0.001	26.51	1.731	0	12.19
9/23/2011 3:00	19010	5.241	88.4	6.862	8.16	2.33	72.98	10.59	4.578	59.52	57.65	70.24	69.71	0	0	26.5	1.732	0	12.42
9/23/2011 4:00	19011	5.141	64.36	15.63	9.95	2.338	62.63	14.3	8.16	58.92	57.25	71.89	70.63	0	0	26.49	1.732	0	12.24
9/23/2011 5:00	19012	4.416	61.01	15.27	6.368	1.586	65.61	15.95	4.578	58.28	56.79	73.42	71.74	0	0	26.49	1.732	0	12.42
9/23/2011 6:00	19013	3.066	48.45	13.87	6.368	0.793	56.84	6.08	4.578	58.05	56.38	73.9	72.4	0	0	26.48	1.735	0.003	12.16
9/23/2011 7:00	19014	2.123	41.37	13.57	4.578	0.162	179.7	9.96	2.789	57.24	53.94	75.73	77.26	0	0	26.48	1.732	-0.003	12.14
9/23/2011 8:00	19015	2.27	49.1	63.03	6.368	0.341	205.1	33.27	4.578	57.91	53.55	74.63	78.65	0	5.67	26.48	1.732	0	14.13
9/23/2011 9:00	19016	3.208	243.2	23.85	6.368	1.082	234.1	15.42	4.578	58.07	57.18	76.72	73.77	0	137.2	26.5	1.732	0	12.8
9/23/2011 10:00	19017	3.548	212.7	16.86	6.368	2.371	222.2	16.92	6.368	63.7	64.25	68.64	62.94	0	354.4	26.55	1.731	-0.001	12.27
9/23/2011 11:00	19018	5.17	212.9	19.53	9.95	3.902	222	22.27	8.16	68.7	69.64	59.14	53.48	0	567	26.6	1.731	-0.001	12.26
9/23/2011 12:00	19019	4.393	279.9	65.7	8.16	3.398	287.6	61.49	8.16	73.63	74.79	48.98	43.4	0	741.3	26.63	1.734	0.003	12.32
9/23/2011 13:00	19020	3.804	260.5	90.9	8.16	2.803	283	80.6	6.368	77.85	78.7	40.64	36.11	0	858	26.64	1.73	-0.003	12.19

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/23/2011 14:00	19021	5.125	201.3	91.8	9.95	3.954	209	88.4	8.16	79.84	81.2	33.9	29.26	0	912	26.63	1.73	0	12.99
9/23/2011 15:00	19022	3.646	175.9	83.2	9.95	2.98	204.8	81.3	8.16	84.4	85	26.45	22.88	0	896	26.61	1.73	0	12.27
9/23/2011 16:00	19023	3.446	82.4	65.85	8.16	2.492	64.58	72.85	6.368	86.7	87.4	22.65	19.16	0	809	26.59	1.727	-0.003	12.26
9/23/2011 17:00	19024	3.98	120.2	90.2	9.95	2.99	160.3	89.9	8.16	87.6	88.3	20.52	16.89	0	663.2	26.57	1.727	0	16.1
9/23/2011 18:00	19025	4.118	43.42	35.61	11.74	2.758	41.49	34.45	9.95	87.4	87.9	17.76	14.27	0	472.3	26.55	1.727	0	12.21
9/23/2011 19:00	19026	6.585	138.8	28.65	15.31	4.218	146.3	32.67	11.74	84.9	85.8	23.57	19.99	0	253.1	26.53	1.724	-0.003	15.86
9/23/2011 20:00	19027	6.569	160.6	9.57	9.95	2.904	160.5	17.66	6.368	80.7	79.03	28.18	27.31	0	47.94	26.51	1.724	0	12.28
9/23/2011 21:00	19028	7.334	146.4	4.359	9.95	2.243	129.2	12.83	4.578	74.41	69.72	34.22	37.4	0	0.093	26.47	1.724	0	12.23
9/23/2011 22:00	19029	5.968	149.6	8.78	8.16	1.421	109.5	12.99	4.578	72.53	67.03	34.54	40.38	0	0.005	26.45	1.725	0	12.13
9/23/2011 23:00	19030	6.718	145.4	9.19	9.95	2.167	115.9	14.94	4.578	71.19	65.89	36.23	42.02	0	0.006	26.44	1.722	-0.003	12.16
9/24/2011 0:00	19031	6.291	151.5	8.19	9.95	1.331	140.6	9.76	4.578	66.77	63.05	45.89	48.19	0	0.004	26.44	1.722	0	12.24
9/24/2011 1:00	19032	3.461	220.3	26.5	6.368	0.071	228.2	10.71	2.789	64.61	61.87	49.3	51.9	0	0.001	26.42	1.722	0	12.42
9/24/2011 2:00	19033	3.715	217.1	11.14	6.368	0.077	254.4	1.9	2.789	64.35	61.16	49.05	51.9	0	0.002	26.4	1.722	0	12.23
9/24/2011 3:00	19034	2.908	217.4	12.65	4.578	0	0	0	0	63.75	60.17	48.94	53.83	0	0	26.39	1.722	0	12.57
9/24/2011 4:00	19035	3.42	242	17.81	6.368	0.115	298.4	1.643	2.789	63.09	59.07	50.58	57.36	0	0.001	26.37	1.719	-0.003	12.22
9/24/2011 5:00	19036	3.492	270.5	11.63	4.578	0.248	301.1	2.037	2.789	61.7	57.44	54.66	59.7	0	0.002	26.35	1.722	0.003	12.27
9/24/2011 6:00	19037	3.054	261.3	13.83	4.578	0.371	306.2	1.994	2.789	59.96	56.15	57.91	61.7	0	0.001	26.34	1.719	-0.003	12.49
9/24/2011 7:00	19038	4.602	257.1	4.469	6.368	0.087	302.9	1.821	2.789	60.05	55.45	56.13	63.54	0	0.001	26.33	1.719	0	13.74
9/24/2011 8:00	19039	4.683	275.6	9.18	6.368	1.884	309	4.554	4.578	60.68	56.64	54.42	59.37	0	5.532	26.34	1.719	0	12.5
9/24/2011 9:00	19040	4.062	262.9	8.15	6.368	1.807	274.7	15.03	4.578	64.47	63.18	51.07	51.07	0	136.2	26.36	1.722	0.003	14.5
9/24/2011 10:00	19041	7.589	216.6	13.76	15.31	5.431	221.9	15.88	11.74	72.06	72.6	43.52	39.6	0	350.8	26.4	1.721	0	12.25
9/24/2011 11:00	19042	10	214.1	11.4	15.31	7.294	219.6	14.81	13.52	78.41	79.53	32.59	28.52	0	563.6	26.46	1.721	0	12.35
9/24/2011 12:00	19043	9.82	222.7	16.81	17.1	7.342	227.9	19.3	15.31	83.8	85	23.53	19.62	0	734.1	26.49	1.724	0.003	12.31
9/24/2011 13:00	19044	8.05	254.4	30.08	15.31	6.593	258.3	32.86	13.52	88.1	89.1	18.86	14.92	0	850	26.49	1.721	-0.003	12.58
9/24/2011 14:00	19045	7.042	290.6	39.33	15.31	5.585	294.2	39.44	13.52	91.8	92.9	15.19	11.32	0	902	26.47	1.721	0	12.23
9/24/2011 15:00	19046	8.2	298.7	28.61	17.1	6.675	304.2	31.75	17.1	92.9	94	13.1	9.2	0	889	26.44	1.718	-0.003	12.69
9/24/2011 16:00	19047	8.4	283.3	32.6	17.1	6.879	286.8	35.96	15.31	94.1	94.9	11.76	7.921	0	803	26.42	1.718	0	12.24
9/24/2011 17:00	19048	8.75	275.7	23.9	17.1	7.248	277.1	26.12	15.31	94.4	95.2	11.3	7.477	0	656.8	26.39	1.714	-0.003	15.97
9/24/2011 18:00	19049	9.33	276	19.56	18.89	7.661	279.6	21.89	15.31	94.4	95	10.05	6.366	0	467.6	26.37	1.715	0	12.26
9/24/2011 19:00	19050	9.16	281.9	21.22	18.89	7.306	285.5	23.59	17.1	93.6	93.7	7.903	4.5	0	254.4	26.36	1.715	0	12.29
9/24/2011 20:00	19051	6.44	264.9	11.31	11.74	3.598	268.4	17.05	9.95	89.7	88	9.88	8.23	0	46.11	26.34	1.712	-0.003	15.65
9/24/2011 21:00	19052	3.447	249.8	9.93	6.368	0.148	285.4	6.948	2.789	82.2	77.46	15.16	16.44	0	0.072	26.31	1.708	-0.003	12.34
9/24/2011 22:00	19053	2.347	246	4.508	4.578	0.212	62.31	0.274	2.789	77.47	72.61	19.37	25.28	0	0.009	26.28	1.709	0	12.38
9/24/2011 23:00	19054	1.298	236.9	8.78	2.789	0.099	50.02	0.103	2.789	74.87	70.31	22.2	28.95	0	0.013	26.27	1.709	0	16.21
9/25/2011 0:00	19055	2.622	241.5	8.27	4.578	0.034	50.08	0.352	2.789	73.61	67.36	24.45	35.34	0	0.007	26.25	1.709	0	13.43
9/25/2011 1:00	19056	3.248	234.9	5.796	6.368	0.11	212.9	4.45	2.789	72.65	67.69	26.72	31.38	0	0.008	26.23	1.706	-0.003	12.25
9/25/2011 2:00	19057	3.95	235.3	9.3	6.368	0.074	173.7	2.33	2.789	71.19	65.34	29.16	35.31	0	0.005	26.21	1.706	0	12.29
9/25/2011 3:00	19058	3.954	262.5	11.98	11.74	0.558	278.9	9	6.368	71.59	65.29	27.25	35.2	0	0.003	26.2	1.706	0	16.49
9/25/2011 4:00	19059	5.762	276	36.62	9.95	1.969	251.2	47.57	4.578	70.13	65	28.74	34.12	0	0.007	26.2	1.706	0	13.38
9/25/2011 5:00	19060	3.621	268.1	41.93	8.16	1.344	201.6	42.69	4.578	68.71	62.93	28.83	36.87	0	0.004	26.19	1.706	0	12.27
9/25/2011 6:00	19061	2.938	281.8	24.35	6.368	1.221	206.3	31.49	4.578	67.03	62.51	30.25	34.2	0	0.003	26.18	1.706	0	12.19
9/25/2011 7:00	19062	7.154	297.7	13.37	15.31	3.852	296.5	22.3	9.95	66.1	63.1	31.93	33.35	0	0.003	26.19	1.706	0	12.24
9/25/2011 8:00	19063	9.65	312.4	8.34	17.1	6.329	317	10.44	11.74	67.22	66.07	29.83	27.81	0	4.513	26.2	1.706	0	13.9
9/25/2011 9:00	19064	10.37	313.6	9.75	17.1	7.481	318.1	11.69	13.52	69.93	69.29	27.3	24.6	0	139.7	26.23	1.706	0	12.41
9/25/2011 10:00	19065	10.52	310.7	8.51	17.1	8.3	315	9.98	15.31	76.86	76.89	21.4	18.24	0	358.8	26.28	1.708	0.003	12.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/25/2011 11:00	19066	10.71	314.1	13.06	17.1	8.33	318.2	15.66	15.31	83.7	84.2	14.3	10.97	0	572.6	26.33	1.708	0	13.16
9/25/2011 12:00	19067	8.01	329.9	30.37	13.52	6.268	332.8	31.65	11.74	88.6	89.3	11.32	7.761	0	745	26.37	1.708	0	12.34
9/25/2011 13:00	19068	7.448	45.62	24.12	13.52	5.157	44.33	27.21	11.74	89.1	90.8	14.18	10.38	0	861	26.39	1.708	0	12.25
9/25/2011 14:00	19069	3.946	17.22	55.36	9.95	3.094	7.551	48.42	9.95	95	95.4	10.46	7.048	0	914	26.38	1.705	-0.003	12.67
9/25/2011 15:00	19070	4.936	278.2	79.71	20.68	3.993	284.4	69.64	17.1	97.6	98.1	7.971	4.51	0	896	26.36	1.705	0	12.23
9/25/2011 16:00	19071	8.44	284.1	27.49	17.1	6.942	288	31.55	15.31	96.5	97.3	5.032	1.959	0	814	26.34	1.705	0	12.22
9/25/2011 17:00	19072	10.15	265.7	20.98	26.05	8.37	267	24.22	18.89	96.3	97	4.222	1.904	0	671.2	26.32	1.705	0	12.2
9/25/2011 18:00	19073	9.93	273.9	25.22	20.68	8.1	275.3	26.51	17.1	95.6	96.1	4.482	1.903	0	475.3	26.31	1.705	0	12.3
9/25/2011 19:00	19074	8.06	269.9	16.97	17.1	6.374	270.9	19.16	13.52	94.6	94.6	5.012	1.92	0	246.8	26.3	1.702	-0.003	12.66
9/25/2011 20:00	19075	5.406	248.8	16.27	11.74	2.285	253.8	17.23	9.95	89.8	87.5	7.076	6.227	0	42.89	26.28	1.702	0	16.28
9/25/2011 21:00	19076	0.796	298.5	19.97	4.578	1.263	76.05	13.05	4.578	83	78.18	10.22	14	0	0.044	26.26	1.699	-0.003	12.29
9/25/2011 22:00	19077	2.33	355.4	10.5	4.578	0.848	65.49	6.551	4.578	82	74.85	11.22	19.56	0	0.016	26.24	1.699	0	16.14
9/25/2011 23:00	19078	6.329	75.03	24	17.1	4.49	81.4	16.14	11.74	76.83	72.11	23.19	26.75	0	0.018	26.24	1.7	0	16.35
9/26/2011 0:00	19079	9.81	98	9.04	18.89	5.889	98.3	17.58	13.52	72.28	70.93	38.29	35.7	0	0.019	26.24	1.7	0	16.18
9/26/2011 1:00	19080	4.364	83.6	70.54	13.52	2.13	83.2	59.18	6.368	69.93	67.24	42.42	42.09	0	0.013	26.26	1.7	0	12.62
9/26/2011 2:00	19081	4.769	77.37	23.3	9.95	2.299	67.87	33.21	6.368	68.92	66.03	44.88	45.04	0	0.006	26.24	1.7	0	12.18
9/26/2011 3:00	19082	5.846	73.48	11.01	9.95	2.731	65.01	13.11	4.578	66.41	64.36	49.23	48.3	0	0.01	26.22	1.7	0	12.35
9/26/2011 4:00	19083	5.495	60.81	7.394	8.16	2.583	63.89	10.61	6.368	65.48	63.4	50.83	50.06	0	0.009	26.21	1.696	-0.003	12.22
9/26/2011 5:00	19084	5.624	56.24	7.106	8.16	2.674	62.87	11.26	6.368	65.21	62.85	51.38	51.24	0	0.006	26.19	1.696	0	12.24
9/26/2011 6:00	19085	1.406	51.6	41.8	8.16	0.602	82	39.01	4.578	61.87	58.99	57.21	58.53	0	0.004	26.19	1.696	0	16.14
9/26/2011 7:00	19086	1.879	20.97	20.3	4.578	0.058	27.07	5.248	2.789	60.56	57.26	59.23	62.9	0	0.001	26.19	1.697	0	13.92
9/26/2011 8:00	19087	2.741	46.12	12.29	4.578	0.071	70.55	5.105	2.789	61.25	56.93	58.12	62.39	0	4.258	26.19	1.697	0	15.49
9/26/2011 9:00	19088	3.535	48.14	16.5	6.368	1.167	53.84	12.82	4.578	63.33	62.03	55.64	54.48	0	132.3	26.21	1.7	0.003	12.34
9/26/2011 10:00	19089	3.025	131.3	44.87	6.368	1.865	133.8	42.11	4.578	70.68	71.8	46.4	41.85	0	342.6	26.27	1.699	0	12.49
9/26/2011 11:00	19090	2.187	351.2	59.75	6.368	1.518	342	54.07	4.578	79.1	79.71	32.57	28.77	0	551.9	26.35	1.699	-0.001	12.21
9/26/2011 12:00	19091	6.866	287.3	23.83	13.52	5.736	291	26.33	9.95	84	84.7	24.16	20.17	0	722.9	26.39	1.699	0	16.33
9/26/2011 13:00	19092	7.545	270.4	28.84	17.1	6.191	272.2	31.6	17.1	89.2	90.1	18.78	14.87	0	838	26.39	1.699	0	12.24
9/26/2011 14:00	19093	9.41	283.1	21.39	18.89	7.828	286.6	25.66	17.1	92.8	93.8	12.79	8.93	0	893	26.38	1.702	0.003	14.33
9/26/2011 15:00	19094	9.73	268.6	29.85	18.89	7.969	270.1	32.26	17.1	94.3	95.4	11.06	7.234	0	876	26.37	1.699	-0.003	13.75
9/26/2011 16:00	19095	8.26	266.4	31.92	15.31	6.77	269.2	34.76	15.31	95.7	96.7	8.94	5.104	0	806	26.35	1.699	0	12.21
9/26/2011 17:00	19096	6.89	232.8	37.22	17.1	5.581	236.4	39.25	15.31	95.4	96	8.65	5.04	0	563.8	26.34	1.702	0.003	12.24
9/26/2011 18:00	19097	6.25	261.9	49.61	13.52	4.8	268	49.44	11.74	94.3	94.8	9.26	5.799	0	345.5	26.33	1.699	-0.003	12.15
9/26/2011 19:00	19098	5.38	314.1	37.2	9.95	4.034	318.5	34.77	9.95	94.3	94.2	9.1	5.946	0	240.1	26.33	1.699	0	16.39
9/26/2011 20:00	19099	3.472	300.2	13.75	6.368	0.979	313.1	11.87	6.368	90.5	87.4	10.71	13.28	0	38.37	26.32	1.696	-0.003	15.8
9/26/2011 21:00	19100	2.095	232	20.71	6.368	0.69	121.9	28.53	4.578	84.2	78.03	15.48	21.88	0	0.041	26.3	1.696	0	16.14
9/26/2011 22:00	19101	0.52	234.1	4.403	2.789	0.846	74.24	5.217	2.789	80	75.5	18.92	22.24	0	0.022	26.28	1.696	0	12.24
9/26/2011 23:00	19102	4.614	39.46	37.65	9.95	2.291	71.83	9.84	6.368	77.5	71.76	22.64	29.51	0	0.019	26.28	1.696	0	12.18
9/27/2011 0:00	19103	4.639	40.37	42.97	9.95	2.376	59.72	36.13	6.368	78.03	72.92	21.36	24.62	0	0.033	26.28	1.696	0	13.39
9/27/2011 1:00	19104	2.16	64.17	24.8	4.578	1.327	71.16	31.62	4.578	78.07	68.59	20.38	32.67	0	0.015	26.28	1.693	-0.003	12.36
9/27/2011 2:00	19105	1.536	266.7	50.99	6.368	0.876	74.45	46.94	2.789	73.75	64.86	26.06	40.57	0	0.01	26.26	1.696	0.003	12.2
9/27/2011 3:00	19106	4.005	303.2	6.551	6.368	0.681	352.4	47.52	2.789	72.59	64.37	26.82	39.41	0	0.003	26.26	1.696	0	12.2
9/27/2011 4:00	19107	5.98	324.3	30.35	13.52	2.57	326	43.28	8.16	70.72	65.55	29.94	34.95	0	0.003	26.26	1.693	-0.003	16.38
9/27/2011 5:00	19108	6.495	24.88	12.3	13.52	3.639	31.02	18.16	11.74	67.89	66.76	35.01	32.65	0	0.018	26.26	1.693	0	16.55
9/27/2011 6:00	19109	5.545	32.59	45.91	15.31	3.291	33.36	54.98	13.52	64.43	62.99	45.45	43.21	0	0.013	26.28	1.7	0.006	12.17
9/27/2011 7:00	19110	5.558	356.8	42.58	11.74	3.469	350.9	50.42	9.95	60.73	60.08	56.11	52.41	0	0.008	26.28	1.693	-0.006	12.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/27/2011 8:00	19111	3.321	22.36	35.54	8.16	1.619	40.52	38.57	4.578	59.13	56.87	61.31	60.25	0	3.713	26.28	1.694	0	12.24
9/27/2011 9:00	19112	5.081	16.52	22.44	11.74	3.035	21.13	23.16	9.95	61.27	61.08	61.15	56.6	0	133.3	26.29	1.693	0	12.11
9/27/2011 10:00	19113	4.358	8.95	45.06	11.74	2.972	3.577	41.14	8.16	69.19	70.01	52.4	47.08	0	344.4	26.35	1.693	0	15.77
9/27/2011 11:00	19114	4.613	350	26.74	9.95	3.386	350.5	29.46	8.16	75.02	76.15	43.97	38.66	0	552.1	26.42	1.696	0.003	15.84
9/27/2011 12:00	19115	3.432	356.4	55.39	8.16	2.434	348.4	49.55	8.16	82.3	83	33.49	29.23	0	719.9	26.47	1.696	0	12.21
9/27/2011 13:00	19116	4.882	340.1	43.89	11.74	3.823	341.6	46.51	9.95	86.4	87.3	28.25	23.87	0	835	26.49	1.695	0	12.33
9/27/2011 14:00	19117	4.183	331.9	94.7	9.95	3.287	307.8	87.7	8.16	91.2	92.3	22.38	18.46	0	885	26.49	1.695	0	12.15
9/27/2011 15:00	19118	4.86	349.9	57.13	13.52	3.672	351.1	53.26	11.74	94	95.2	18.85	14.74	0	865	26.48	1.695	0	15.95
9/27/2011 16:00	19119	5.777	50.04	43.24	13.52	4.135	46.88	43.74	11.74	94.6	96	16.28	12.48	0	778	26.45	1.695	0	12.13
9/27/2011 17:00	19120	6.034	79.64	51.13	20.68	4.079	75.74	52.29	15.31	95.4	96.8	13.98	10.21	0	654.1	26.44	1.695	0	12.26
9/27/2011 18:00	19121	8.33	116.4	47.74	15.31	5.644	120.2	55.07	13.52	94.9	96.7	11.73	7.91	0	531.8	26.42	1.695	0	15.98
9/27/2011 19:00	19122	10.82	78.43	10.77	20.68	6.679	80.7	19.67	15.31	91.7	92.2	14.71	11.28	0	192.8	26.41	1.695	0	15.93
9/27/2011 20:00	19123	7.394	69.56	6.236	11.74	3.991	70.04	14.65	8.16	87.3	86	19.55	17.36	0	30.14	26.39	1.696	0	15.3
9/27/2011 21:00	19124	8.22	64.99	7.499	11.74	4.505	66.82	14.02	8.16	82.8	80.8	23.79	22	0	0.027	26.38	1.696	0	12.08
9/27/2011 22:00	19125	10.32	76.22	9.38	18.89	5.796	75.88	17.44	11.74	79.45	78.33	29.38	26.59	0	0.033	26.39	1.693	-0.003	12.37
9/27/2011 23:00	19126	11.8	76.5	15.51	20.68	6.966	78.59	21.17	13.52	76.15	75.22	36.32	33.19	0	0.037	26.4	1.693	0	12.75
9/28/2011 0:00	19127	12.58	63.69	9.75	18.89	7.87	64.63	16.48	13.52	74.23	73.66	41.95	38.39	0	0.039	26.41	1.693	0	12.28
9/28/2011 1:00	19128	10.3	67.56	14.39	18.89	6.206	70.55	20.11	13.52	71.63	70.96	47.59	44.12	0	0.031	26.4	1.693	0	16.45
9/28/2011 2:00	19129	9.33	73.44	14.93	17.1	5.344	73.6	20.4	11.74	69.63	68.75	52.19	49.05	0	0.019	26.39	1.693	0	16.41
9/28/2011 3:00	19130	9.72	65.19	8.62	15.31	5.784	65.73	15.17	11.74	67.52	66.66	55.84	52.68	0	0.013	26.37	1.69	-0.003	12.25
9/28/2011 4:00	19131	8.93	80.1	9.22	13.52	4.915	79.97	17.41	9.95	66	65.01	59.19	56.25	0	0.012	26.36	1.69	0	12.33
9/28/2011 5:00	19132	8.08	94.7	12.05	11.74	4.482	94.8	19.04	8.16	66.01	64.82	60.23	57.61	0	0.011	26.35	1.69	0	12.23
9/28/2011 6:00	19133	8.78	58.79	11.94	11.74	5.024	59.28	16.36	8.16	64.77	63.94	62.82	59.62	0	0.012	26.33	1.69	0	12.83
9/28/2011 7:00	19134	9.03	349.4	24.11	20.68	6.201	353.9	25.81	15.31	65.41	65.2	63.1	58.89	0	0.013	26.36	1.69	0	15.94
9/28/2011 8:00	19135	9.73	33.54	13.41	15.31	5.762	37.19	14.74	13.52	64.33	64.15	67.88	63.27	0	3.654	26.36	1.69	0	12.54
9/28/2011 9:00	19136	8.88	58.48	11.55	13.52	5.28	60.4	17.37	11.74	65.67	65.8	68.55	63.46	0	125.9	26.36	1.69	0	15.5
9/28/2011 10:00	19137	4.538	83.1	30.07	8.16	2.921	83.7	34.79	6.368	74.36	75.51	51.17	46.33	0	333.3	26.4	1.693	0.003	14.49
9/28/2011 11:00	19138	3.128	36.5	45.31	11.74	2.197	32.62	43.28	9.95	83.4	84	34.54	30.74	0	540.9	26.45	1.692	0	15.71
9/28/2011 12:00	19139	5.456	43.83	18.86	13.52	3.531	43.22	22.58	9.95	86.2	87.7	31.02	26.65	0	708	26.49	1.692	0	12.36
9/28/2011 13:00	19140	7.294	92.3	27.73	15.31	5.089	92.1	35.92	13.52	88.5	91.1	29.14	24.38	0	818	26.5	1.692	0	15.07
9/28/2011 14:00	19141	6.778	90	44.78	15.31	4.921	89.8	49.93	13.52	90.3	92.9	26.95	22.23	0	867	26.49	1.692	0	15.55
9/28/2011 15:00	19142	7.347	42.04	31.99	15.31	5.136	43.06	36.38	11.74	91.6	93.3	25.33	20.88	0	843	26.47	1.692	0	12.23
9/28/2011 16:00	19143	6.82	69.48	58.26	17.1	4.88	68.12	65	13.52	93	94.6	21.55	17.42	0	723.1	26.45	1.692	0	12.4
9/28/2011 17:00	19144	5.782	112	44.94	13.52	3.903	113.1	48.27	9.95	91.8	92.8	18.12	14.54	0	320.1	26.42	1.692	0	12.27
9/28/2011 18:00	19145	5.245	199.8	44.98	22.47	3.599	205.5	41.35	18.89	91.3	91.6	17.88	14.65	0	203.4	26.4	1.692	0	12.24
9/28/2011 19:00	19146	10.58	239	51.75	22.47	7.638	242.2	51.07	17.1	85	84.3	24.54	24.78	0.01	124.7	26.4	1.689	-0.003	12.4
9/28/2011 20:00	19147	9.6	225.6	21.19	20.68	5.926	230.1	22	15.31	81.5	80	29.65	30.61	0	36.21	26.37	1.689	0	12.44
9/28/2011 21:00	19148	8.1	315.6	25.44	18.89	4.645	329.5	16.87	15.31	79.48	77.54	31.07	32.47	0	0.045	26.36	1.693	0.003	12.01
9/28/2011 22:00	19149	5.891	47.87	74.47	13.52	3.132	36	70.33	9.95	77.55	75.4	37.44	38.55	0	0.04	26.37	1.689	-0.003	12.48
9/28/2011 23:00	19150	3.548	12.04	26.06	8.16	1.592	30.43	43.73	4.578	75.44	71.02	38.91	45.82	0	0.016	26.35	1.69	0	12.24
9/29/2011 0:00	19151	3.875	19.19	37.34	13.52	1.661	63.78	37.13	8.16	75.76	71.7	35.01	39.71	0	0.02	26.34	1.69	0	12.43
9/29/2011 1:00	19152	3.651	290.7	36.15	9.95	1.793	311.6	66.42	6.368	70.71	66.6	42.81	49.03	0	0.021	26.35	1.69	0	16.41
9/29/2011 2:00	19153	1.414	170.1	46.09	8.16	1.296	113.9	37.04	4.578	69.72	62.94	44.07	60.9	0	0.005	26.33	1.687	-0.003	12.29
9/29/2011 3:00	19154	1.637	123	33.41	6.368	1.462	90.9	25.14	4.578	68.07	63.31	45.4	58.17	0	0.005	26.33	1.69	0.003	12.22
9/29/2011 4:00	19155	6.135	180.1	15.4	9.95	2.303	178.4	30.11	6.368	67.25	63.65	49.09	52.96	0	0.007	26.34	1.687	-0.003	16.46

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/29/2011 5:00	19156	6.655	176.4	16.81	9.95	2.814	179.8	24.95	6.368	65.11	63.02	56.42	56.21	0	0.007	26.33	1.69	0.003	15.94
9/29/2011 6:00	19157	4.928	196	21.28	11.74	1.579	187.8	27.53	8.16	64.58	62.3	61.16	60.98	0	0.006	26.32	1.687	-0.003	12.29
9/29/2011 7:00	19158	3.398	279.4	17.46	6.368	1.449	313.5	8.33	4.578	64.19	61.09	59.91	62	0	0.007	26.33	1.687	0	12.29
9/29/2011 8:00	19159	3.748	290.7	15.26	6.368	1.444	323.6	7.628	4.578	64.98	61.88	60.54	61.93	0	3.566	26.34	1.687	0	12.18
9/29/2011 9:00	19160	5.105	311.2	11.34	8.16	2.884	319.9	11.65	4.578	66.87	65.79	60.63	58.06	0	119.4	26.36	1.687	0	12.14
9/29/2011 10:00	19161	5.342	296.5	16.13	8.16	4.317	302.3	19.29	8.16	72.11	72.59	54.21	49.15	0	327.2	26.41	1.69	0.003	15.53
9/29/2011 11:00	19162	5.506	315.4	22.93	8.16	4.426	319.6	26.91	8.16	78.78	79.71	44.03	39.13	0	534.8	26.46	1.689	0	14.04
9/29/2011 12:00	19163	4.792	317.4	30.68	11.74	3.801	322.7	33.76	8.16	87.3	88.2	27.49	23.36	0	708.1	26.5	1.692	0.003	14.46
9/29/2011 13:00	19164	3.359	357.2	54.98	11.74	2.45	352.2	47.93	8.16	93.9	94.5	19.12	15.55	0	820	26.53	1.692	0	12.23
9/29/2011 14:00	19165	7.175	56.15	53.83	18.89	5.116	55.57	58.28	15.31	93.1	94.7	17.78	13.86	0	721.1	26.53	1.692	0	12.41
9/29/2011 15:00	19166	8.69	74.13	24.31	17.1	5.9	74.07	32.01	11.74	91	92.2	18.14	14.46	0	521.4	26.49	1.692	0	12.28
9/29/2011 16:00	19167	13.93	15.84	41.09	34.99	8.92	18.59	41.11	27.84	88.1	88.1	22.08	21.72	0.05	360.3	26.48	1.689	-0.003	12.08
9/29/2011 17:00	19168	2.797	235.2	75.11	6.368	1.291	240.1	52.85	4.578	85.4	83.4	26.61	35.97	0	199	26.42	1.689	0	12.28
9/29/2011 18:00	19169	10.14	23.32	37.78	34.99	6.32	23.15	34.75	20.68	86.4	86.3	26.43	24.79	0	305.6	26.43	1.689	0	16.09
9/29/2011 19:00	19170	3.129	5.674	25.78	11.74	1.342	0.89	22.18	8.16	84	82.5	28.52	32.4	0	58.68	26.43	1.689	0	12.3
9/29/2011 20:00	19171	9.02	341.3	10.94	17.1	5.283	347.6	15	13.52	80.2	78.13	32.98	35.6	0	8.2	26.43	1.686	-0.003	12.22
9/29/2011 21:00	19172	7.792	356.8	37.54	20.68	5.128	357.9	32.57	18.89	78.21	77.4	36.2	34.46	0	0.033	26.46	1.689	0.003	12.26
9/29/2011 22:00	19173	14.55	5.73	21.87	29.63	9.5	7.006	23.48	22.47	78.09	77.6	37.45	34.82	0	0.046	26.51	1.686	-0.003	12.17
9/29/2011 23:00	19174	11.74	19.59	34.39	47.52	6.719	21.22	37.06	29.63	73.74	71.39	47.22	50.84	0.05	0.009	26.54	1.687	0.001	16.33
9/30/2011 0:00	19175	9.78	46.36	10.66	17.1	5.428	49.14	15.35	13.52	72.2	71.14	52.63	51.44	0	0.024	26.54	1.687	0	12.37
9/30/2011 1:00	19176	11.72	47.06	8.18	18.89	6.019	46.57	14.45	13.52	68.88	67.99	55.82	54.04	0	0.015	26.56	1.687	0	11.98
9/30/2011 2:00	19177	12.68	50.23	9.23	22.47	6.805	50.58	15.58	15.31	66.45	65.68	56.78	54.47	0	0.015	26.55	1.687	0	12.13
9/30/2011 3:00	19178	11.92	51.15	8.95	18.89	6.607	53.51	15.77	13.52	63.85	63.16	59.36	56.68	0	0.006	26.56	1.687	0	12.21
9/30/2011 4:00	19179	13.26	43.26	7.516	18.89	6.996	42.48	12.4	13.52	62.52	61.97	56.61	53.75	0	0.009	26.57	1.69	0.003	12.16
9/30/2011 5:00	19180	14.93	43.86	11.27	26.05	8.33	45.1	15.62	17.1	62.18	61.82	53.57	50.23	0	0.004	26.57	1.687	-0.003	12.12
9/30/2011 6:00	19181	14.74	51.41	9.87	24.26	8.46	52.61	16.16	17.1	61.94	61.23	52.35	50.38	0.01	0.005	26.57	1.687	0	12.14
9/30/2011 7:00	19182	16.94	43.76	7.885	24.26	9.03	43.05	12.82	17.1	59.88	59.41	50.98	48.12	0	0.004	26.57	1.687	0	12.24
9/30/2011 8:00	19183	16.33	43.23	7.79	24.26	8.85	42.16	12.45	18.89	57.67	57.29	50.91	47.57	0	3.503	26.57	1.684	-0.003	16.51
9/30/2011 9:00	19184	14.75	43.93	8.26	24.26	7.965	42.63	13.07	17.1	57.69	57.52	47.29	43.87	0	115.2	26.58	1.684	0	12.15
9/30/2011 10:00	19185	18.52	50.85	10.16	27.84	10.7	51.55	16.29	22.47	60.91	61.3	36.78	33.41	0	333.5	26.61	1.687	0.003	12.2
9/30/2011 11:00	19186	17.6	64.82	11.36	29.63	11.12	66.71	18.28	24.26	63.71	64.88	31.46	27.63	0	547.8	26.65	1.687	0	12.19
9/30/2011 12:00	19187	15.01	65.62	11.3	24.26	9.66	66.46	18.22	20.68	66.2	68.04	28.58	24.37	0	716.6	26.68	1.686	0	15.92
9/30/2011 13:00	19188	15.12	67.13	12.36	24.26	9.69	68.3	19.42	20.68	68.79	71.01	25.87	21.51	0	824	26.68	1.689	0.003	12.22
9/30/2011 14:00	19189	11.72	74.85	17.19	20.68	7.778	75.43	23.74	18.89	71.76	74.44	23.88	19.35	0	872	26.68	1.689	0	12.2
9/30/2011 15:00	19190	8.86	65.24	21.98	18.89	5.97	65.13	27.98	15.31	73.93	76.42	23.13	18.5	0	854	26.67	1.689	0	12.14
9/30/2011 16:00	19191	7.917	79.61	30.5	17.1	5.504	82.3	38.5	15.31	76.08	78.45	22.18	17.64	0	769.1	26.65	1.689	0	11.95
9/30/2011 17:00	19192	8.74	84.2	32.34	17.1	5.972	88	38.96	13.52	76.67	78.63	21.56	17.13	0	625	26.63	1.689	0	12.05
9/30/2011 18:00	19193	8.23	85.8	21.15	15.31	5.675	88.3	27.65	11.74	77.25	78.85	21.44	17.19	0	434.1	26.6	1.689	0	12.31
9/30/2011 19:00	19194	8.17	87.4	15.62	13.52	5.377	88.6	23.45	11.74	76.75	77.6	21.72	18	0	218.3	26.58	1.686	-0.003	12.35
9/30/2011 20:00	19195	6.245	105	7.444	9.95	3.127	104.2	15.04	8.16	72.82	71.37	25.06	23.67	0	27.67	26.56	1.686	0	16.34
9/30/2011 21:00	19196	6.749	90.6	7.607	9.95	3.071	89.5	11.14	4.578	67.65	64.31	30.63	32.38	0	0.011	26.52	1.687	0.001	12.23
9/30/2011 22:00	19197	7.803	100.1	3.251	9.95	3.681	92.9	11.72	6.368	64.58	60.6	33.51	36.03	0	0.002	26.51	1.684	-0.003	15.2
9/30/2011 23:00	19198	7.623	108.6	6.562	11.74	3.382	106.4	16.52	6.368	62.97	60.38	34.6	34.43	0	0.002	26.51	1.684	0	12.23
10/1/2011 0:00	19199	7.105	109.9	6.413	9.95	3.082	104.6	14.37	6.368	61.19	58.53	36.12	36.2	0	0.002	26.51	1.684	0	12.22
10/1/2011 1:00	19200	7.961	112.8	6.17	13.52	3.56	109.5	15.4	6.368	61.31	58.7	34.83	34.57	0	0.003	26.5	1.687	0.004	12.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/1/2011 2:00	19201	7.628	118.2	7.217	9.95	3.1	111.1	13.84	6.368	60.84	57.89	33.97	34.42	0	0	26.49	1.684	-0.003	12.27
10/1/2011 3:00	19202	6.239	117	8.4	8.16	1.992	99.5	14.17	4.578	59.26	55.79	34.9	36.56	0	0	26.48	1.684	0	12.2
10/1/2011 4:00	19203	2.427	96.9	21.54	6.368	0.325	83.7	15.67	4.578	58	55.1	35.4	37.46	0	0.001	26.47	1.684	0	12.27
10/1/2011 5:00	19204	3.191	69.71	11.71	6.368	0.974	63.58	4.752	2.789	58.73	55.66	34.37	38.42	0	0.001	26.45	1.687	0.003	12.23
10/1/2011 6:00	19205	5.082	114.6	9.77	8.16	1.938	85.1	9.19	4.578	58.4	55.07	34.05	36.03	0	0.001	26.46	1.684	-0.003	12.36
10/1/2011 7:00	19206	5.854	127.8	7.693	8.16	2.109	93.3	9.05	4.578	58.15	54.11	34.65	37.49	0	0.001	26.47	1.684	0	16.5
10/1/2011 8:00	19207	5.6	119.1	11.35	8.16	2.079	92.3	10.3	4.578	56.64	53.37	36.65	38.37	0	3.197	26.47	1.684	0	12.96
10/1/2011 9:00	19208	4.96	131.8	11.75	9.95	1.941	124.2	19.08	8.16	60.07	59.19	32.18	30.88	0	121.6	26.5	1.687	0.003	11.99
10/1/2011 10:00	19209	6.813	120.3	13.77	11.74	4.559	121.9	22.21	9.95	65.73	67.14	27.12	23.11	0	337.6	26.56	1.687	-0.001	12.4
10/1/2011 11:00	19210	9.54	153.5	15.62	15.31	6.224	158.9	22.58	11.74	70.71	72.68	23.29	18.82	0	543.5	26.61	1.686	0	16.51
10/1/2011 12:00	19211	10	164.6	18.54	15.31	6.657	170.5	25.41	13.52	74.61	77.01	23.59	18.7	0	709.1	26.64	1.689	0.003	12.16
10/1/2011 13:00	19212	9.09	164.3	22.48	22.47	6.152	171.5	28.76	15.31	77.91	80.7	21.96	16.93	0	824	26.65	1.686	-0.003	12.32
10/1/2011 14:00	19213	9.92	162.5	25.5	18.89	6.729	168.1	31	13.52	79.65	82.4	24.15	18.94	0	872	26.65	1.686	0	16.33
10/1/2011 15:00	19214	8.27	154.8	25.43	17.1	5.706	162.8	30.79	13.52	81.5	84.4	24.16	18.91	0	848	26.63	1.686	0	12.4
10/1/2011 16:00	19215	8.38	165.2	33.2	18.89	5.798	174.4	38.54	13.52	83	85.3	24.37	19.27	0	759.5	26.61	1.686	0	12.32
10/1/2011 17:00	19216	9.5	169.2	30.73	17.1	6.428	175.7	35.75	13.52	82.9	85.1	25.47	20.24	0	612.5	26.6	1.689	0.003	12.17
10/1/2011 18:00	19217	9.58	155.2	21.54	18.89	6.361	161.2	28.86	15.31	83.1	84.8	25.88	21.06	0	421.8	26.58	1.686	-0.003	16.14
10/1/2011 19:00	19218	9.46	153.1	14.97	17.1	5.762	158.1	20.02	13.52	82.4	83.3	26.26	22.02	0	208.2	26.56	1.686	0	12.34
10/1/2011 20:00	19219	7.625	141.7	6.736	13.52	3.59	141.2	15.06	8.16	78.26	76.66	29.61	27.41	0	24.69	26.54	1.686	0	12.25
10/1/2011 21:00	19220	7.007	129.6	6.301	9.95	2.607	105.4	11.37	4.578	73.24	68.77	34.73	36	0	0.015	26.51	1.687	0	12.23
10/1/2011 22:00	19221	7.152	120.8	6.023	9.95	2.741	111	13.11	4.578	69.57	65.81	38.52	39.18	0	0.011	26.5	1.684	-0.003	14.15
10/1/2011 23:00	19222	7.131	115.8	5.294	9.95	2.842	106.7	12.97	4.578	67.41	64.43	40.66	40.43	0	0.006	26.49	1.687	0.003	12.18
10/2/2011 0:00	19223	7.44	120.2	5.938	9.95	2.905	107.4	13.48	6.368	66.45	63.11	42.49	42.76	0	0.006	26.48	1.684	-0.003	12.36
10/2/2011 1:00	19224	6.833	124.5	7.929	15.31	2.545	104.6	15.32	4.578	64.91	61.33	45.33	46.12	0	0.003	26.48	1.687	0.003	12.19
10/2/2011 2:00	19225	7.188	114	8.02	9.95	3.005	100.9	13.58	6.368	63.7	60.56	47.27	47.58	0	0.001	26.47	1.684	-0.003	16.22
10/2/2011 3:00	19226	7.115	114.7	7.053	9.95	3.032	101.6	14.35	6.368	61.45	58.94	48.4	47.99	0	0.004	26.47	1.684	0	12.4
10/2/2011 4:00	19227	6.738	108.9	5.788	9.95	2.997	94.4	12.76	4.578	60.24	57.84	48.68	48.05	0	0.002	26.46	1.687	0.003	12.12
10/2/2011 5:00	19228	6.618	97.4	7.399	9.95	3.384	83.4	12.43	6.368	60.06	57.58	48.07	47.73	0	0.003	26.46	1.684	-0.003	12.3
10/2/2011 6:00	19229	6.839	108.9	10.35	9.95	3.216	88.9	11.11	6.368	59.69	56.59	48.59	48.93	0	0.002	26.45	1.684	0	13.25
10/2/2011 7:00	19230	6.197	121.8	8.03	8.16	2.153	93.3	9.09	4.578	59.13	55.54	51.32	52.52	0	0.002	26.46	1.684	0	13.78
10/2/2011 8:00	19231	6.427	95.8	10.67	9.95	3.161	82.5	15.8	6.368	59.06	56.64	51.75	51.15	0	3.125	26.47	1.684	0	12.35
10/2/2011 9:00	19232	5.438	97.1	20.34	8.16	3.097	90.3	27.93	6.368	61.11	60.81	48.97	45.37	0	119.2	26.49	1.684	0	14.39
10/2/2011 10:00	19233	7.446	156.7	16.07	13.52	4.883	162.7	21.1	9.95	69.07	70.32	44.58	39.22	0	328.9	26.54	1.683	0	15.06
10/2/2011 11:00	19234	8.74	190.4	14	13.52	6.147	198.8	18.8	11.74	73.94	75.64	41.58	35.82	0	533.9	26.6	1.686	0.003	12.39
10/2/2011 12:00	19235	10.13	185	15.6	17.1	7.026	192.3	19.85	13.52	78.04	80.2	36.72	30.93	0	699.3	26.63	1.686	0	12.26
10/2/2011 13:00	19236	10.13	178.7	17.78	17.1	7.115	183.9	23.86	15.31	80.9	83.4	32.49	26.75	0	813	26.63	1.686	0	12.36
10/2/2011 14:00	19237	9.18	174.8	19.32	17.1	6.416	180.3	26.02	15.31	83.4	85.9	29.33	23.74	0	860	26.63	1.686	0	16.42
10/2/2011 15:00	19238	9.78	184.5	27.71	18.89	6.94	191.9	30.75	15.31	85	87.6	26.73	21.23	0	839	26.61	1.686	0	16.16
10/2/2011 16:00	19239	9.5	174.5	23.4	17.1	6.761	181.3	27.92	15.31	86.1	88.4	23.52	18.38	0	760.5	26.58	1.686	0	12.13
10/2/2011 17:00	19240	9.86	169.5	25.16	18.89	6.704	176	29.53	13.52	86.3	88.4	22.86	17.89	0	589.8	26.57	1.686	0	12.24
10/2/2011 18:00	19241	9.42	153.4	19.77	22.47	5.931	158.4	25.35	17.1	84.5	85.3	23.24	19.11	0	222.7	26.55	1.686	0	12.23
10/2/2011 19:00	19242	9.7	148.7	13.5	17.1	5.955	154.7	19.51	11.74	84.2	84.8	23.67	19.65	0	191	26.53	1.686	0	12.14
10/2/2011 20:00	19243	8.8	127.3	9.32	13.52	4.956	131.7	18.21	9.95	80.7	79.9	27.83	24.65	0	28.58	26.52	1.683	-0.003	12.59
10/2/2011 21:00	19244	8.1	120	6.953	11.74	3.861	120	15.17	6.368	75.17	73.36	34.5	32.05	0	0.021	26.5	1.683	0	12.33
10/2/2011 22:00	19245	7.677	130	7.365	9.95	3.256	123.4	15.06	4.578	72.36	69.74	39.51	38.14	0	0.016	26.5	1.687	0.004	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/2/2011 23:00	19246	7.799	141.9	7.269	11.74	3.346	136.3	15.26	6.368	70.58	67.82	43.03	41.97	0	0.011	26.49	1.684	-0.003	14.66
10/3/2011 0:00	19247	8.37	150.3	6.368	11.74	3.84	149.4	13.81	8.16	68.49	66.64	50.09	47.75	0	0.012	26.49	1.684	0	12.21
10/3/2011 1:00	19248	8.44	166.9	8.41	17.1	4.09	170.9	16.33	8.16	67.93	66.27	54.51	52.1	0	0.007	26.48	1.684	0	12.25
10/3/2011 2:00	19249	5.995	175	6.616	11.74	2.05	178.2	11.33	6.368	65.17	63.41	59.54	57.35	0	0.006	26.48	1.684	0	16.09
10/3/2011 3:00	19250	4.271	175.4	9.68	6.368	0.607	150.1	6.117	2.789	63.3	60.49	62.97	62.59	0	0.005	26.47	1.684	0	12.62
10/3/2011 4:00	19251	2.67	178.4	13.41	4.578	0	0	0	0	61.77	59.19	66.12	65.64	0	0	26.45	1.684	0	12.19
10/3/2011 5:00	19252	2.355	181.9	19.74	6.368	0.229	126.8	2.682	2.789	61.27	58.64	67.28	67.21	0	0.002	26.44	1.681	-0.003	12.18
10/3/2011 6:00	19253	4.606	149.6	7.961	6.368	0.499	106	4.453	2.789	60.03	57.12	68.84	68.9	0	0.001	26.44	1.681	0	12.09
10/3/2011 7:00	19254	3.604	162.4	12.56	6.368	0.143	155.6	3.268	2.789	58.65	56.04	69.74	69.9	0	0.001	26.44	1.681	0	12.11
10/3/2011 8:00	19255	3.883	168.2	14.04	6.368	0.143	148.5	7.68	2.789	58.31	55.71	67.91	68.19	0	2.991	26.44	1.684	0.003	12.15
10/3/2011 9:00	19256	6.647	162.5	8.24	13.52	2.849	165.5	14.49	9.95	60.45	59.6	61.55	59.23	0	119.8	26.46	1.684	0	12.09
10/3/2011 10:00	19257	10.28	178.3	10.81	15.31	6.552	186.1	17.45	11.74	67.32	68.44	48.69	43.39	0	331.8	26.52	1.684	-0.001	12.32
10/3/2011 11:00	19258	11.25	186.9	13.22	18.89	7.53	194.2	18.41	13.52	73	74.75	44.73	38.83	0	535.6	26.59	1.683	0	12.15
10/3/2011 12:00	19259	13.23	166.2	18.56	26.05	8.51	172.9	24.47	18.89	76.56	79.04	38.14	32.15	0	706.4	26.62	1.686	0.003	12.24
10/3/2011 13:00	19260	13.67	143.6	18.26	24.26	8.79	150.1	25.09	18.89	79.31	82.2	29.56	24.01	0	824	26.63	1.686	0	12.23
10/3/2011 14:00	19261	12.81	155.9	21.6	24.26	8.31	161.4	27.39	18.89	80.6	83.6	26.44	20.86	0	874	26.62	1.686	0	12.36
10/3/2011 15:00	19262	13.31	155.2	19.56	24.26	8.79	161.8	25.35	18.89	81.4	84.4	25.35	19.8	0	851	26.6	1.686	0	12.31
10/3/2011 16:00	19263	13.25	155.3	18.95	24.26	8.56	161.9	24.69	18.89	81.8	84.6	25.6	20.09	0	749.8	26.58	1.686	0	12.21
10/3/2011 17:00	19264	13.88	142.2	14.53	22.47	8.78	147.4	21.21	17.1	82	84.6	25.9	20.51	0	624.1	26.57	1.683	-0.003	14.43
10/3/2011 18:00	19265	13.1	147.3	16.23	22.47	8.19	153.4	22.48	15.31	81.5	83.3	24.53	19.66	0	419.5	26.55	1.686	0.003	12.25
10/3/2011 19:00	19266	13.02	130.7	12.26	22.47	7.983	136.4	19.85	17.1	80.4	81.2	26.22	21.91	0	201.4	26.53	1.683	-0.003	12.2
10/3/2011 20:00	19267	9.94	125.3	9.05	20.68	5.473	128.9	18.68	13.52	76.32	75.36	30.96	27.75	0	15.16	26.51	1.683	0	15.78
10/3/2011 21:00	19268	7.154	115.2	8.62	9.95	3.13	103.4	14.55	6.368	70.37	67.48	37.3	36.28	0	0.012	26.49	1.684	0	16.33
10/3/2011 22:00	19269	7.927	124.3	13.73	9.95	3.448	120.7	19.7	6.368	67.65	64.95	40.75	39.51	0	0.004	26.48	1.68	-0.003	16.36
10/3/2011 23:00	19270	8.33	145.6	6.832	11.74	3.994	147.1	14.28	9.95	67.52	65.55	42.79	40.6	0	0.007	26.48	1.684	0.003	12.21
10/4/2011 0:00	19271	7.237	147.4	5.814	9.95	3.072	143.1	13.78	6.368	64.62	62.4	47.78	46.11	0	0.006	26.48	1.68	-0.003	12.31
10/4/2011 1:00	19272	7.089	150.2	5.869	11.74	2.902	148.8	12.63	6.368	63.45	61.6	50.61	48.59	0	0.004	26.47	1.684	0.003	12.17
10/4/2011 2:00	19273	6.491	151.1	5.625	9.95	2.182	140.6	12.34	4.578	61.77	58.99	53.06	52.53	0	0.003	26.46	1.681	-0.003	12.15
10/4/2011 3:00	19274	6.553	149.4	5.503	9.95	1.931	135.6	10.22	4.578	60.44	57.14	54.64	55.15	0	0.001	26.45	1.681	0	14.91
10/4/2011 4:00	19275	7.116	135.2	9.45	9.95	2.476	119.1	14.06	4.578	59.73	56.19	54.84	55.96	0	0.001	26.43	1.681	0	15.84
10/4/2011 5:00	19276	8.12	121.7	7.168	11.74	3.792	117.1	16.05	6.368	59.26	57.02	54.6	53.54	0	0	26.42	1.681	0	16.4
10/4/2011 6:00	19277	8.11	114.9	8.44	11.74	4.061	111.5	16.78	8.16	58.38	56.72	54.89	52.82	0	0.002	26.42	1.681	0	12.67
10/4/2011 7:00	19278	7.825	107.5	7.088	11.74	4.003	106.1	16.15	8.16	56.47	55.18	57.84	55.18	0	0.001	26.42	1.681	0	12.18
10/4/2011 8:00	19279	8.2	104.2	7.875	11.74	4.792	101.8	15.66	9.95	55.45	54.44	58.27	55.12	0	3.074	26.43	1.681	0	12.35
10/4/2011 9:00	19280	9.51	113.5	10.37	15.31	5.759	115.4	19.22	11.74	57.33	57.54	55.21	50.37	0	117.1	26.44	1.684	0.003	12.24
10/4/2011 10:00	19281	12.97	141	12.51	20.68	7.966	145.6	19.58	17.1	62.59	63.92	50.86	44.88	0	325.7	26.49	1.68	-0.003	12.06
10/4/2011 11:00	19282	15.4	146.7	11.82	22.47	9.63	152.4	18.28	17.1	66.9	68.91	49.41	42.79	0	529.9	26.53	1.683	0.003	13.22
10/4/2011 12:00	19283	15.32	147.5	13.06	24.26	9.62	153.5	19.53	18.89	71.23	73.75	46.23	39.38	0	690.2	26.56	1.683	0	12.24
10/4/2011 13:00	19284	15.06	149.1	13.94	24.26	9.5	155.6	19.98	18.89	74.58	77.43	41.58	34.82	0	795.8	26.56	1.683	0	12.34
10/4/2011 14:00	19285	16.68	148.1	15.01	27.84	10.5	153.2	20.96	20.68	76.78	79.85	38.43	31.71	0	843	26.56	1.686	0.003	12.16
10/4/2011 15:00	19286	15.85	142.2	14.49	26.05	10.08	148.1	21.63	18.89	78.05	81.1	35.29	28.84	0	824	26.54	1.683	-0.003	12.3
10/4/2011 16:00	19287	15.54	140.1	13	24.26	9.91	145.5	20.91	20.68	79.03	81.9	32.32	26.29	0	721	26.51	1.683	0	12.21
10/4/2011 17:00	19288	15.73	147.8	13.14	26.05	9.7	153.6	19.7	20.68	78.69	80.3	31.67	26.44	0	343.1	26.49	1.683	0	12.21
10/4/2011 18:00	19289	15.87	143.8	11.54	27.84	9.8	149.9	17.99	17.1	78.92	80.3	31.59	26.52	0	368.6	26.45	1.683	0	12.18
10/4/2011 19:00	19290	15.84	147	12.24	24.26	9.55	153.2	18.72	18.89	77.74	78.51	33.97	29.24	0	177	26.44	1.686	0.003	12.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/4/2011 20:00	19291	13.37	140.1	9.32	22.47	7.933	146.5	16.35	15.31	74.84	74.46	37.8	33.8	0	20.44	26.41	1.683	-0.003	12.42
10/4/2011 21:00	19292	10.84	140.8	8.21	17.1	6.407	146.3	15.49	11.74	72.27	71.58	40.57	36.8	0	0.029	26.4	1.683	0	16.51
10/4/2011 22:00	19293	9.38	163.3	16.99	15.31	5.217	169.3	22.24	11.74	70.59	69.74	42.35	38.76	0	0.028	26.41	1.68	-0.003	16.45
10/4/2011 23:00	19294	12.33	168	11.89	18.89	7.409	172.6	18.2	13.52	70.62	70.26	42.45	38.29	0	0.033	26.42	1.68	0	16.37
10/5/2011 0:00	19295	17.11	146	13.52	27.84	10.09	151.2	19.55	20.68	68.3	68.1	49.76	45.46	0	0.026	26.4	1.684	0.003	15.08
10/5/2011 1:00	19296	16.27	151.7	8.57	42.15	9.73	157.3	16.71	20.68	66.37	66.21	55.89	51.21	0	0.021	26.4	1.684	0	12.18
10/5/2011 2:00	19297	13.23	156.8	9.4	24.26	7.752	162.4	16.54	18.89	64.89	64.65	60.4	55.72	0	0.024	26.39	1.684	0	12.19
10/5/2011 3:00	19298	11.81	163.4	10.83	18.89	6.992	168.7	17.81	13.52	63.02	62.69	66.4	61.69	0	0.009	26.37	1.684	0	12.23
10/5/2011 4:00	19299	9.69	154	9.34	17.1	5.53	160	16.88	11.74	61.8	61.35	69.73	65.18	0	0.004	26.35	1.68	-0.003	16.5
10/5/2011 5:00	19300	7.93	155.1	10.09	13.52	4.241	160.1	16.95	9.95	60.24	59.58	71.03	66.81	0	0.003	26.34	1.68	0	12.14
10/5/2011 6:00	19301	6.975	146.2	9.34	9.95	3.429	149	16.83	6.368	58.83	57.82	73.24	69.64	0	0.002	26.33	1.681	0	13.97
10/5/2011 7:00	19302	6.151	133.1	15.18	9.95	3.043	131.7	22.78	6.368	58.51	57.58	72.72	69.12	0	0.003	26.32	1.681	0	12.1
10/5/2011 8:00	19303	8.98	146	10.5	17.1	5.166	150.8	17.72	11.74	60.15	59.74	70.38	65.87	0	2.454	26.33	1.681	0	12.24
10/5/2011 9:00	19304	9.4	150.4	11.25	17.1	5.536	156	18.65	11.74	60.72	60.69	71.07	66.4	0	54.39	26.33	1.68	0	12.27
10/5/2011 10:00	19305	15.92	173.9	11.11	27.84	9.71	180.5	17.19	18.89	62.42	62.75	72.83	67.45	0	202.7	26.35	1.68	0	13.73
10/5/2011 11:00	19306	18	179.7	10.98	29.63	11.34	185.9	17.31	24.26	66.77	68.46	67.28	59.83	0	508.9	26.39	1.683	0.003	12.12
10/5/2011 12:00	19307	20.24	179.4	10	31.42	12.66	185.6	16.63	22.47	69.65	71.28	62.41	55.28	0	508.4	26.42	1.683	0	12.19
10/5/2011 13:00	19308	19.45	180.2	10.85	27.84	12.52	186.9	17.14	22.47	72.8	75.11	57.46	49.77	0	691.7	26.42	1.683	0	12.15
10/5/2011 14:00	19309	17.6	177.8	13.16	29.63	11.33	184.7	19.23	22.47	75.78	78.24	53.45	45.92	0	761.6	26.4	1.683	0	13.41
10/5/2011 15:00	19310	16.47	185.4	14.07	27.84	10.94	191.7	19.1	20.68	78.4	81.1	47.85	40.49	0	813	26.38	1.683	0	12.24
10/5/2011 16:00	19311	14.8	186.4	15.2	26.05	9.99	193.4	19.67	20.68	79.86	82.4	43.5	36.65	0	733.3	26.37	1.683	0	16.31
10/5/2011 17:00	19312	13.92	193.9	17.41	24.26	9.37	199.5	21.28	18.89	80.5	82.6	41.16	34.78	0	567.7	26.36	1.683	0	15.67
10/5/2011 18:00	19313	13.42	182.7	15.59	24.26	8.68	189	19.8	18.89	80.7	82	39.8	34.26	0	351.6	26.33	1.683	0	12.27
10/5/2011 19:00	19314	13.46	164.7	11.28	24.26	7.975	170.2	17.65	17.1	79.3	79.85	42.69	37.87	0	135.3	26.32	1.683	0	12.24
10/5/2011 20:00	19315	13.07	158.4	9.4	22.47	7.617	163.9	16.35	17.1	76.51	76.09	49.05	44.88	0	8.85	26.29	1.68	-0.003	12.6
10/5/2011 21:00	19316	13.96	150.1	9.12	26.05	8.21	156.2	16.08	17.1	74.61	74.22	55	50.73	0	0.038	26.28	1.68	0	16.29
10/5/2011 22:00	19317	16.7	152.3	9	27.84	9.8	157.8	15.86	20.68	73.14	72.74	58.61	54.32	0	0.041	26.28	1.68	0	12.26
10/5/2011 23:00	19318	17.22	156.1	8.99	27.84	10.14	161.6	16.61	20.68	71.97	71.57	61.14	56.85	0	0.034	26.29	1.683	0.003	12.26
10/6/2011 0:00	19319	15.92	160	9.01	26.05	9.12	165.6	16.4	18.89	70.51	70.05	62.68	58.46	0	0.029	26.28	1.68	-0.003	12.21
10/6/2011 1:00	19320	15.58	166.2	8.97	42.15	9.19	172.3	16.74	27.84	69.3	68.8	63.6	59.42	0	0.028	26.27	1.68	0	12.22
10/6/2011 2:00	19321	13.66	170.1	9.25	22.47	8.13	176.5	16.94	20.68	68.06	67.54	65.68	61.46	0	0.024	26.25	1.684	0.003	12.28
10/6/2011 3:00	19322	13.73	171.5	8.52	22.47	8.07	177.9	16.48	17.1	67.18	66.61	67.05	62.82	0	0.017	26.24	1.68	-0.003	13.17
10/6/2011 4:00	19323	12.08	168.7	8.83	18.89	7.062	175.4	16.67	15.31	66.14	65.51	68.42	64.3	0	0.012	26.23	1.68	0	15.08
10/6/2011 5:00	19324	11.08	171.2	8.63	17.1	6.347	178.7	16.43	13.52	65.02	64.29	70.36	66.36	0	0.009	26.21	1.68	0	12.49
10/6/2011 6:00	19325	10.08	178.8	12.37	18.89	5.833	184.8	18.04	11.74	63.95	63.19	72.76	68.69	0	0.007	26.21	1.68	0	12.48
10/6/2011 7:00	19326	12.92	166.9	8.78	20.68	7.505	173.2	16.31	15.31	63.68	63.03	73.97	69.66	0	0.005	26.2	1.68	0	12.26
10/6/2011 8:00	19327	12.04	169.5	8.63	18.89	7.079	176.5	16.78	15.31	62.61	62.03	78.3	73.54	0	2.289	26.21	1.68	0	12.14
10/6/2011 9:00	19328	12.54	170.4	9.73	20.68	7.493	176.6	17.24	17.1	63.21	63.3	82.3	76.03	0	108.9	26.22	1.68	0	12.18
10/6/2011 10:00	19329	14.65	175.5	9.96	22.47	9.08	181.9	17.37	17.1	66.28	67.46	77.84	70.24	0	315.2	26.26	1.68	0	14.47
10/6/2011 11:00	19330	15.25	169.8	10.9	22.47	9.48	176.5	17.97	17.1	70.58	72.49	68.44	60.6	0	518.3	26.29	1.683	0.003	12.2
10/6/2011 12:00	19331	16.38	165.9	13.51	26.05	10.19	172.3	19.29	20.68	75.11	77.51	59.07	51.39	0	681.9	26.3	1.683	0	12.27
10/6/2011 13:00	19332	20.16	169.5	11.36	31.42	12.46	175.8	18.11	22.47	77.39	80	54.54	46.79	0	792.5	26.3	1.683	0	12.31
10/6/2011 14:00	19333	20.18	173.7	12.84	31.42	12.58	180.8	19.18	24.26	79.29	82.1	50.97	43.3	0	841	26.29	1.683	0	12.32
10/6/2011 15:00	19334	20.04	183.1	12.96	31.42	12.83	188.8	17.99	24.26	81.6	84.2	46.18	39.06	0	818	26.28	1.683	0	12.3
10/6/2011 16:00	19335	18.4	181.7	15.71	31.42	11.88	188.8	20.17	22.47	83.9	86.3	42.17	35.51	0	725.8	26.26	1.683	0	16.07

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/6/2011 17:00	19336	19.88	168.8	13.19	29.63	12.27	174.2	19.55	22.47	85.7	87.7	38.86	32.91	0	572.1	26.24	1.683	0	13.39
10/6/2011 18:00	19337	22.44	157	10.35	36.78	13.62	162.5	17.54	24.26	86.7	87.9	37.3	32.05	0	374	26.21	1.683	0	15.91
10/6/2011 19:00	19338	24.37	159.7	9.81	38.57	14.52	165.7	16.32	27.84	85.2	85.6	39.57	34.99	0	164.8	26.19	1.683	0	12.21
10/6/2011 20:00	19339	21.9	166.6	9.03	34.99	13	172.7	17.15	27.84	81.8	81.5	45.69	41.49	0	15.79	26.19	1.68	-0.003	15.87
10/6/2011 21:00	19340	18.27	166.1	8.85	31.42	10.84	171.7	16.71	24.26	78.68	78.24	52.16	48.06	0	0.035	26.2	1.68	0	12.24
10/6/2011 22:00	19341	19.7	161.6	8.61	31.42	11.58	166.7	16.26	24.26	76.76	76.32	56.41	52.29	0	0.039	26.21	1.68	0	12.19
10/6/2011 23:00	19342	20.17	161.3	8.65	33.21	11.9	167.1	16.13	24.26	75.36	74.94	58.98	54.81	0	0.035	26.22	1.68	0	16.27
10/7/2011 0:00	19343	21.24	160.3	8.63	36.78	12.37	166	15.79	26.05	73.98	73.57	61.75	57.5	0	0.035	26.22	1.68	0	12.2
10/7/2011 1:00	19344	22.01	161.1	8.73	38.57	13.02	166.5	15.83	26.05	73.02	72.61	62.55	58.28	0	0.035	26.21	1.677	-0.003	14.16
10/7/2011 2:00	19345	22.67	161.8	8.75	34.99	13.43	168.4	16.11	26.05	72.64	72.21	62.35	58.11	0	0.034	26.19	1.677	0	12.45
10/7/2011 3:00	19346	19.99	172.1	12.65	36.78	12.18	178.4	18.64	26.05	72	71.58	63.54	59.27	0	0.028	26.2	1.677	0	12.21
10/7/2011 4:00	19347	16.06	178.3	8.59	26.05	9.74	185	15.63	22.47	70.88	70.4	66.44	62.15	0	0.028	26.22	1.677	0	12.21
10/7/2011 5:00	19348	14.27	177.2	8.7	24.26	8.56	183.2	15.94	17.1	69.59	69.03	69.56	65.28	0	0.02	26.21	1.677	0	12.31
10/7/2011 6:00	19349	16.1	172.8	8.63	26.05	9.51	178.8	16.24	17.1	68.8	68.27	71.7	67.34	0	0.015	26.21	1.677	0	14.5
10/7/2011 7:00	19350	15.25	169.9	8.57	24.26	9.03	175.8	16.26	18.89	67.37	66.84	74.67	70.15	0	0.012	26.22	1.677	0	16.37
10/7/2011 8:00	19351	12.95	174	8.6	20.68	7.726	180.2	16.16	17.1	65.32	64.79	78.51	73.8	0	2.036	26.23	1.677	0	12.12
10/7/2011 9:00	19352	12.68	169.2	9.39	20.68	7.51	175.3	16.85	15.31	65.3	65.33	82.3	76.27	0	104.3	26.24	1.677	0	12.25
10/7/2011 10:00	19353	16.39	171.6	9.8	26.05	9.94	178.1	16.94	20.68	68.16	69.21	80.6	73.1	0	292.7	26.27	1.677	0	16.43
10/7/2011 11:00	19354	16.96	173	10.79	24.26	10.56	179.3	17.33	18.89	72.03	73.83	71.57	63.7	0	513.6	26.32	1.68	0.003	15.13
10/7/2011 12:00	19355	15.99	180.9	11.8	26.05	10.34	187	17.53	18.89	75.36	77.73	63.59	55.55	0	682.9	26.34	1.68	0	16.32
10/7/2011 13:00	19356	15.71	170.5	14.21	24.26	10.1	176.5	20.11	20.68	78.74	81.5	55.76	47.96	0	794.5	26.35	1.68	0	12.96
10/7/2011 14:00	19357	15.47	172.3	15.77	24.26	9.92	178.6	21.21	18.89	82.2	85.1	45.58	38.47	0	843	26.34	1.68	0	16.23
10/7/2011 15:00	19358	13.76	178.2	15.95	24.26	9.07	184.5	20.4	18.89	85.3	88.2	34.89	28.64	0	822	26.32	1.68	0	14.22
10/7/2011 16:00	19359	14.76	169	16.71	26.05	9.62	175.6	22	20.68	86.7	89.2	31.71	25.89	0	729.4	26.3	1.68	0	12.98
10/7/2011 17:00	19360	16.08	167	14.11	27.84	10.12	172.7	19.87	20.68	87.1	89.2	29.23	23.83	0	569	26.29	1.68	0	12.11
10/7/2011 18:00	19361	18.13	157.8	15.22	29.63	11.31	164.8	20.31	22.47	86.7	88.1	33.68	28.49	0	371.3	26.27	1.68	0	12.51
10/7/2011 19:00	19362	20.97	147.6	10.59	33.21	12.61	154.6	17.09	27.84	84.1	84.7	40.02	35.3	0	166.9	26.25	1.68	0	12.19
10/7/2011 20:00	19363	19.82	145.4	8.76	33.21	11.76	152.7	15.59	24.26	79.81	79.56	47.05	42.78	0	12.6	26.23	1.677	-0.003	12.29
10/7/2011 21:00	19364	18.26	150.1	9.68	29.63	10.8	156.8	16.08	22.47	76.95	76.59	54.85	50.62	0	0.029	26.22	1.677	0	13.23
10/7/2011 22:00	19365	19.64	157.8	9.52	33.21	11.44	163.7	16.46	24.26	75.48	75.09	58.04	53.8	0	0.032	26.22	1.677	0	15.36
10/7/2011 23:00	19366	21.98	166.6	9.52	38.57	12.92	172.3	17	29.63	74.88	74.53	57.86	53.64	0	0.035	26.22	1.677	0	12.15
10/8/2011 0:00	19367	23.99	163.1	8.95	36.78	14.15	169.2	16.25	27.84	74.64	74.27	57.58	53.32	0	0.035	26.22	1.677	0	12.31
10/8/2011 1:00	19368	23.78	167	13	45.73	14.15	173.1	18.4	29.63	74.28	73.92	59.04	54.76	0	0.032	26.21	1.674	-0.003	16.18
10/8/2011 2:00	19369	15.76	196.6	11.33	26.05	9.96	202.2	15.32	20.68	73.53	73.21	60.75	56.35	0	0.035	26.23	1.674	0	15.07
10/8/2011 3:00	19370	13.44	216.6	28.17	22.47	8.71	220.9	29.77	17.1	73.71	73.61	57.27	52.8	0	0.041	26.24	1.677	0.003	15.1
10/8/2011 4:00	19371	12.85	288.4	8.95	20.68	10.11	292.9	12.77	18.89	69.45	69.39	41.97	37.71	0	0.023	26.26	1.674	-0.003	12.45
10/8/2011 5:00	19372	8.54	293.9	12.8	15.31	6.277	299.5	14.76	11.74	64.57	64.29	46.56	42.3	0	0.006	26.23	1.674	0	16.2
10/8/2011 6:00	19373	8.99	8.66	33.84	15.31	5.769	12.68	34.72	11.74	60.54	60.48	55.61	50.63	0	0.003	26.24	1.674	0	12.29
10/8/2011 7:00	19374	10.47	14.49	12.96	17.1	6.816	16.78	17.44	13.52	57.67	57.74	59.81	54.52	0	0.002	26.24	1.674	0	12.41
10/8/2011 8:00	19375	9.93	5.23	10.08	15.31	6.876	5.877	12.97	11.74	56.72	56.71	58.36	53.41	0	0.86	26.25	1.675	0	12.67
10/8/2011 9:00	19376	10.43	3.235	15.52	17.1	7.217	5.404	18.55	13.52	56.24	56.39	51.77	46.74	0	77.34	26.26	1.678	0.003	12.33
10/8/2011 10:00	19377	9.37	29.6	15.72	17.1	5.638	32.82	19.29	11.74	58.84	59.59	44.09	38.71	0	318.4	26.32	1.674	-0.004	16.58
10/8/2011 11:00	19378	9.87	35.56	17.8	18.89	5.97	37.18	21.85	13.52	60.85	61.86	37.95	32.71	0	368.1	26.37	1.677	0.003	12.3
10/8/2011 12:00	19379	9	24.82	18.64	13.52	5.865	25.63	21.7	11.74	63.05	63.88	33.98	28.99	0	488.6	26.38	1.674	-0.003	12.34
10/8/2011 13:00	19380	6.51	23.01	38.06	13.52	4.479	24.69	40.8	11.74	68.91	70.21	28.84	23.79	0	794.1	26.39	1.677	0.003	12.47

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/8/2011 14:00	19381	6.795	313.8	59.99	17.1	5.38	319.1	59.48	15.31	72.33	73.57	26.69	21.47	0	843	26.41	1.677	0	12.36
10/8/2011 15:00	19382	6.248	316.9	58.05	17.1	4.987	324.2	54.75	17.1	74.24	75.32	25.6	20.55	0	821	26.38	1.676	0	12.2
10/8/2011 16:00	19383	6.924	290.7	42.39	15.31	5.457	296.7	41.14	15.31	75.34	76.46	24.39	19.21	0	732.1	26.36	1.676	0	12.27
10/8/2011 17:00	19384	5.215	158.8	74.01	13.52	3.777	172	76.6	11.74	76.84	78.1	22.71	17.93	0	586.3	26.34	1.677	0	12.29
10/8/2011 18:00	19385	4.492	120.8	74.91	11.74	3.062	126.1	70.72	9.95	77.32	78.43	22.43	17.85	0	394.7	26.33	1.677	0	12.48
10/8/2011 19:00	19386	3.75	154.6	40.78	8.16	2.315	165.8	41.18	8.16	76.29	77.14	23.3	19.17	0	178.9	26.31	1.677	0	12.36
10/8/2011 20:00	19387	14.54	111.7	8.5	24.26	8.79	117.7	18.94	17.1	66.32	66.27	44.99	40.3	0	11.38	26.31	1.68	0.003	12.3
10/8/2011 21:00	19388	12.85	99	10.89	20.68	8.16	103.3	19.9	17.1	61.63	61.4	52.01	47.35	0	0.007	26.28	1.674	-0.006	12.25
10/8/2011 22:00	19389	11.76	73.88	9.94	20.68	7.058	76.4	18.18	15.31	58.43	58.13	45.63	41.32	0	0.002	26.28	1.674	0	12.25
10/8/2011 23:00	19390	8.44	62.98	12.71	13.52	5.22	64.62	19.95	11.74	56.36	56.38	64.24	58.36	0	0.002	26.29	1.674	0	16.73
10/9/2011 0:00	19391	6.184	128.4	56.77	15.31	3.763	128.5	56.71	11.74	55.85	56.1	79.44	72.72	0	0.003	26.31	1.674	0	12.29
10/9/2011 1:00	19392	4.586	46.19	43.8	8.16	2.825	47.08	45.95	6.368	55.59	55.74	84	77.34	0	0.002	26.31	1.675	0	12.48
10/9/2011 2:00	19393	4.976	136.8	58.35	11.74	2.848	133	50.96	8.16	55.65	55.88	85.6	78.86	0	0.001	26.32	1.678	0.003	12.29
10/9/2011 3:00	19394	3.248	306.7	64.57	9.95	2.295	303.6	59.56	8.16	55.64	55.84	86.8	80.1	0	0.001	26.29	1.675	-0.003	14.18
10/9/2011 4:00	19395	5.458	74.75	38.25	15.31	3.21	76.16	37.34	11.74	55.64	55.68	86.7	80.3	0	0.002	26.26	1.675	0	14.54
10/9/2011 5:00	19396	11	37.63	16.39	18.89	6.337	38.8	20.56	13.52	55.26	55.44	86	79.2	0	0.001	26.27	1.675	0	14.76
10/9/2011 6:00	19397	10.85	46.28	10.86	18.89	5.942	46.59	16.63	11.74	54.99	55.1	85.2	78.6	0	0.002	26.28	1.675	0	12.28
10/9/2011 7:00	19398	7.755	42.02	11.15	13.52	4.35	43.2	15.14	9.95	55.06	55.16	84.4	77.91	0	0.001	26.29	1.675	0	12.22
10/9/2011 8:00	19399	7.07	20.73	13.91	11.74	4.369	22.19	17.7	9.95	54.96	55.13	86.3	79.44	0	1.176	26.32	1.675	0	12.44
10/9/2011 9:00	19400	7.045	21.25	13.61	11.74	4.227	24.08	17.04	9.95	55.66	55.88	87.8	80.7	0	72.3	26.34	1.678	0.003	12.35
10/9/2011 10:00	19401	7.536	20.8	16.01	13.52	4.723	22.9	19.1	9.95	58.77	59.27	82.9	75.58	0	201.1	26.37	1.674	-0.003	12.27
10/9/2011 11:00	19402	6.518	9.12	34.36	13.52	4.777	8.8	34.3	11.74	62.96	64.08	71.03	63.61	0	494.9	26.42	1.674	0	12.27
10/9/2011 12:00	19403	6.043	42.3	35.6	13.52	4.22	42.58	40.95	11.74	64.73	65.83	64.52	57.74	0	312.2	26.46	1.674	0	12.17
10/9/2011 13:00	19404	7.45	75.48	22.74	15.31	5.299	75.08	28.22	11.74	68.31	70.92	56.5	48.84	0	841	26.45	1.677	0.003	12.33
10/9/2011 14:00	19405	6.038	54.03	34.33	9.95	4.192	53.7	38.31	8.16	67.15	68.4	55.44	49.24	0	251.9	26.45	1.674	-0.003	12.42
10/9/2011 15:00	19406	8.37	85.8	36.78	15.31	5.545	87	43.49	13.52	68.08	70.21	55.46	48.28	0	606.3	26.41	1.677	0.003	12.24
10/9/2011 16:00	19407	10.24	139	19.24	17.1	6.87	147.3	25.66	13.52	69.39	72.45	53.16	45.18	0	683.7	26.41	1.677	0	12.37
10/9/2011 17:00	19408	6.734	87.4	54.71	17.1	4.705	86.8	60.56	11.74	70.23	72.29	51.19	44.28	0	580.8	26.41	1.677	0	12.37
10/9/2011 18:00	19409	6.467	161.6	30.03	11.74	4.621	169.5	35.78	9.95	70.93	72.51	46.84	40.74	0	362.8	26.41	1.674	-0.003	16.58
10/9/2011 19:00	19410	3.743	153.2	24.87	8.16	2.566	161	31.19	6.368	70.89	71.75	43.01	38.11	0	166.5	26.4	1.674	0	12.35
10/9/2011 20:00	19411	4.982	103.1	16.71	9.95	2.197	108.3	16.75	4.578	67.47	66.17	47.08	44.46	0	12.59	26.38	1.671	-0.003	12.21
10/9/2011 21:00	19412	7.136	94.2	11.14	9.95	3.776	95.9	17.01	8.16	62.56	61.37	60.38	56.87	0	0.004	26.37	1.671	0	16.63
10/9/2011 22:00	19413	7.506	77.59	13.24	11.74	4.275	78.71	19.62	8.16	60.01	59.31	65.47	61.31	0	0.006	26.37	1.671	0	15.98
10/9/2011 23:00	19414	8.48	78.29	9.81	13.52	4.809	81.6	18.21	9.95	57.83	57.32	71.76	66.96	0	0.002	26.37	1.674	0.003	12.23
10/10/2011 0:00	19415	8.43	69.46	8.59	15.31	4.921	69.98	15.87	11.74	55.85	55.4	77.23	71.97	0	0.001	26.37	1.671	-0.003	12.13
10/10/2011 1:00	19416	10.13	90.3	9.23	26.05	6.366	93.3	17.77	18.89	56.05	55.79	85.8	79.63	0	0.001	26.38	1.671	0	16.63
10/10/2011 2:00	19417	11.82	109.1	12.38	20.68	7.292	114.5	20.87	17.1	57.73	57.84	89.3	82.6	0	0.004	26.38	1.671	0	12.2
10/10/2011 3:00	19418	11.26	124.6	8.7	18.89	6.665	130.8	18.55	13.52	58.71	58.8	87	80.3	0	0.007	26.39	1.671	0	16.21
10/10/2011 4:00	19419	8.56	128.7	10.21	15.31	5.069	135.3	18.41	11.74	58.48	58.39	88.6	82.4	0	0.003	26.39	1.671	0	16.05
10/10/2011 5:00	19420	8.53	137.8	11.46	13.52	4.984	145	17.75	9.95	58.03	57.87	88.7	82.5	0	0.002	26.38	1.671	0	12.16
10/10/2011 6:00	19421	7.708	147.8	9.98	13.52	4.63	154.7	16.39	9.95	57.99	58.1	88.1	81.5	0	0.003	26.39	1.671	0	12.16
10/10/2011 7:00	19422	7.332	143.3	8.95	11.74	4.221	150.5	15.83	9.95	57.83	57.79	86.1	79.86	0	0.003	26.39	1.671	0	12.38
10/10/2011 8:00	19423	7.265	156.4	11.95	11.74	4.384	163.1	18.16	8.16	57.73	57.79	84.7	78.49	0	0.678	26.39	1.671	0	12.13
10/10/2011 9:00	19424	6.799	159.1	14.3	11.74	4.209	165	19.42	9.95	57.74	58.02	84	77.33	0	17.55	26.4	1.671	0	15.89
10/10/2011 10:00	19425	5.641	166.2	16.87	9.95	3.668	172.9	21.91	8.16	58.93	59.49	81.2	74.27	0	77.74	26.42	1.671	0	12.33

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/10/2011 11:00	19426	7.133	183.8	18.37	11.74	4.848	190.3	21.36	9.95	60.04	61.05	78.09	70.59	0	150.2	26.45	1.671	0	12.45
10/10/2011 12:00	19427	7.654	172.4	19.2	13.52	5.198	179.6	24.41	9.95	61.29	62.58	74.38	66.74	0	232.7	26.45	1.671	0	12.41
10/10/2011 13:00	19428	8.03	161.8	25.59	15.31	5.625	169.5	32.21	11.74	64.45	66.56	66.96	58.89	0	522.3	26.46	1.671	0	16.5
10/10/2011 14:00	19429	8.1	165.7	27.47	15.31	5.714	172.9	32.51	13.52	67.93	70.7	60.84	52.43	0	816	26.47	1.674	0.003	12.39
10/10/2011 15:00	19430	9.21	164	23.16	17.1	6.404	171.4	30.64	13.52	70.28	73.26	54.73	46.57	0	809	26.46	1.673	0	11.91
10/10/2011 16:00	19431	8.48	165.4	29.3	17.1	5.863	174.8	36.76	13.52	73.34	75.95	47.27	40.11	0	720.7	26.44	1.673	0	12.32
10/10/2011 17:00	19432	8.22	187.2	23.65	17.1	5.845	195.5	28.08	13.52	74.94	76.81	41.37	35.14	0	573.7	26.42	1.673	0	11.99
10/10/2011 18:00	19433	9.26	140.9	22.19	17.1	6.124	147.2	28.46	13.52	74.74	76.62	41.11	35.26	0	378.4	26.39	1.673	0	12.35
10/10/2011 19:00	19434	9.55	155.2	15.56	17.1	5.896	161.7	19.74	11.74	73.76	74.67	41.22	36.22	0	168.5	26.37	1.674	0	15.35
10/10/2011 20:00	19435	10.93	136.3	8.58	18.89	6.578	143.2	15.88	15.31	69.67	69.23	49.27	45.14	0	11.48	26.35	1.67	-0.003	16.48
10/10/2011 21:00	19436	9.38	130	8.31	15.31	5.17	135.3	17.89	9.95	65.73	64.82	55.59	51.95	0	0.012	26.32	1.671	0.001	12.51
10/10/2011 22:00	19437	9.59	125.6	7.819	13.52	5.277	132	16.98	9.95	63.36	62.55	64.04	60	0	0.008	26.32	1.671	0	12.16
10/10/2011 23:00	19438	8.12	122.3	9.02	11.74	4.233	125.8	18.85	8.16	61.08	60.15	70.27	66.37	0	0.005	26.32	1.671	0	12.19
10/11/2011 0:00	19439	8.31	115.3	10.05	13.52	4.384	117.8	19.83	9.95	59.41	58.51	74.56	70.45	0	0.005	26.31	1.674	0.003	15.21
10/11/2011 1:00	19440	9.74	127.6	8.34	17.1	5.371	132.8	17.94	9.95	58.29	57.75	82.2	76.95	0	0.003	26.3	1.671	-0.003	15.67
10/11/2011 2:00	19441	9.1	125.4	8.27	13.52	5.091	131.8	17.98	9.95	57.06	56.57	89.2	83.4	0	0.003	26.28	1.671	0	12.29
10/11/2011 3:00	19442	7.132	124.7	8.69	9.95	3.881	129.3	18.76	8.16	56.01	55.49	92.3	86.1	0	0.118	26.27	1.671	0	12.6
10/11/2011 4:00	19443	5.723	128.5	8.37	8.16	2.619	127.9	15.74	4.578	54.66	53.84	93.8	87.2	0	0.113	26.26	1.672	0	12.71
10/11/2011 5:00	19444	5.329	102.2	12.15	8.16	2.421	93.2	14.55	4.578	53.5	52.47	94.6	88	0	0.028	26.24	1.668	-0.003	12.13
10/11/2011 6:00	19445	5.423	81	8.32	9.95	2.941	80.6	15.2	6.368	52.58	52.38	95.4	88.6	0	0.017	26.23	1.672	0.003	12.24
10/11/2011 7:00	19446	5.268	117.6	29.66	9.95	3.16	120.3	35.07	8.16	54.57	54.59	96.4	89.3	0	0.035	26.24	1.668	-0.003	12.15
10/11/2011 8:00	19447	8.85	176.3	9.21	17.1	5.484	184	15.88	11.74	57.29	57.37	96.7	89.7	0	0.754	26.25	1.668	0	16.52
10/11/2011 9:00	19448	11.4	175.9	9.03	20.68	7.009	182.8	16.23	15.31	59.6	59.7	94	87.9	0	33.05	26.25	1.671	0.003	12.23
10/11/2011 10:00	19449	12.72	182.6	11.5	20.68	7.951	188.3	17.22	15.31	61.82	62.67	88.3	80.1	0	214.1	26.27	1.671	0	12.22
10/11/2011 11:00	19450	10.51	196.8	13	17.1	7.305	202.8	17.06	13.52	66.54	68.37	76.62	67.67	0	498.1	26.32	1.67	0	12.3
10/11/2011 12:00	19451	9.87	198.7	13.62	15.31	6.998	205	18.28	11.74	70.14	72.29	67.95	59.46	0	616.9	26.34	1.67	0	12.18
10/11/2011 13:00	19452	10.99	201.5	15.04	18.89	7.654	208.6	18.69	15.31	74.54	77	56.96	48.99	0	722.6	26.35	1.67	0	16.61
10/11/2011 14:00	19453	10.39	205.9	18.84	17.1	7.192	211.7	21.52	15.31	77.77	80.4	49.3	41.79	0	815	26.34	1.673	0.003	13.49
10/11/2011 15:00	19454	11.34	212.1	17.7	22.47	7.773	216.8	21.52	18.89	80.2	82.6	42.16	35.31	0	794.5	26.31	1.673	0	16.58
10/11/2011 16:00	19455	12.01	230.7	22.45	22.47	8.17	234.5	26.76	17.1	82.5	84.5	33.21	27.42	0	708.1	26.28	1.673	0	12.24
10/11/2011 17:00	19456	11.87	251.4	22.58	20.68	8.22	254.6	25.47	17.1	84.3	85.6	23.23	18.42	0	549.3	26.26	1.673	0	12.39
10/11/2011 18:00	19457	11.71	227.7	17.98	26.05	7.588	231	22.61	18.89	84.6	85.7	23.96	19.29	0	385.1	26.24	1.673	0	12.37
10/11/2011 19:00	19458	10.78	244.2	28.91	18.89	7.442	247.8	30.25	13.52	84.3	84.6	21.01	16.99	0	173.9	26.23	1.673	0	15.64
10/11/2011 20:00	19459	6.057	266.9	19.55	13.52	3.005	283.4	16.07	9.95	79.17	77.14	16.09	13.89	0	11	26.21	1.67	-0.003	12.34
10/11/2011 21:00	19460	3.465	169.3	37.97	6.368	2.261	104.3	30.46	4.578	73.5	67.87	20.08	21.14	0	0.009	26.19	1.668	-0.003	12.02
10/11/2011 22:00	19461	4.947	189.9	19.9	13.52	1.644	146.1	33.7	9.95	71.14	65.65	26.4	26.99	0	0.004	26.18	1.668	0	12.29
10/11/2011 23:00	19462	8.81	180.5	13.58	18.89	4.622	187	20.37	13.52	66.61	65.09	64.53	60.45	0	0.002	26.17	1.668	0	12.37
10/12/2011 0:00	19463	6.226	198.4	20.98	11.74	3.089	200.7	25.98	9.95	65.29	63.97	73.56	69.97	0	0.004	26.19	1.668	0	12.28
10/12/2011 1:00	19464	4.014	207.1	31.79	11.74	1.543	233.1	40.1	6.368	62.59	60.67	81.6	78.26	0	0.001	26.18	1.668	0	12.27
10/12/2011 2:00	19465	4.371	218.5	28.7	11.74	2.23	236.8	49.8	9.95	61.4	59.8	86.2	81.9	0	0.003	26.17	1.668	0	12.37
10/12/2011 3:00	19466	3.784	270.7	28.15	8.16	1.398	314	16.59	6.368	59.7	56.91	90	85.4	0	0.008	26.17	1.668	0	12.31
10/12/2011 4:00	19467	4.653	276	29.33	8.16	2.14	302.9	38.38	4.578	58.05	55.6	91.2	86.6	0	0.007	26.17	1.668	0	16.66
10/12/2011 5:00	19468	4.488	271.5	16.48	8.16	2.392	301.2	27.74	4.578	55.88	53.35	88.6	87	0	0.001	26.16	1.668	0	12.3
10/12/2011 6:00	19469	5.532	301.7	12.31	9.95	2.196	312	14.94	6.368	54.92	51.78	59.48	69.47	0	0	26.16	1.668	0	12.33
10/12/2011 7:00	19470	10.75	314.1	6.927	18.89	7.264	319	7.98	15.31	56.63	54.81	43.7	44.2	0	0.001	26.15	1.668	0	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/12/2011 8:00	19471	11.75	319.4	7.514	18.89	8.94	324.4	9.6	15.31	57.56	56.93	41.21	37.95	0	1.504	26.17	1.668	0	16.69
10/12/2011 9:00	19472	13.36	332.3	8.54	20.68	10.24	336.2	10.58	18.89	58.93	58.39	40.83	37.26	0	102.5	26.19	1.668	0	12.26
10/12/2011 10:00	19473	13.86	342	9.75	22.47	10.45	343	12.55	18.89	65.98	66.21	33.09	28.99	0	314.4	26.26	1.668	0	12.81
10/12/2011 11:00	19474	14.57	350.4	11	20.68	10.79	351.8	14.06	18.89	72.44	73.1	26.54	22.26	0	519.9	26.32	1.67	0.003	13.23
10/12/2011 12:00	19475	13.66	4.109	13.6	22.47	9.91	5.182	15.98	20.68	76.51	77.36	23.85	19.35	0	683.2	26.37	1.67	0	12.2
10/12/2011 13:00	19476	14.22	27.43	15.96	24.26	8.56	29.18	18.44	17.1	79.8	80.9	20.46	16.01	0	787.7	26.39	1.67	0	13.53
10/12/2011 14:00	19477	12.29	44.66	19.32	22.47	7.438	45.57	22.81	17.1	81.4	83.1	18.66	14.1	0	835	26.4	1.67	0	12.19
10/12/2011 15:00	19478	10.28	7.159	30.36	20.68	7.238	8.64	35.24	15.31	82.6	84.1	17.57	12.83	0	811	26.4	1.67	0	12.28
10/12/2011 16:00	19479	9.93	340.5	26.31	22.47	7.774	343.6	26.61	20.68	83.2	84.4	16.88	12.23	0	720.7	26.39	1.67	0	12.19
10/12/2011 17:00	19480	10.8	348.8	29.18	22.47	8.08	350.8	29.79	20.68	83.5	84.4	14.66	10.14	0	573.8	26.38	1.67	0	16.48
10/12/2011 18:00	19481	10.22	340.9	17.52	20.68	7.95	342.5	19.13	15.31	83.2	84	14.06	9.66	0	382.8	26.38	1.67	0	12.23
10/12/2011 19:00	19482	9.27	5.625	18.62	17.1	6.293	7.461	20.98	13.52	82.2	82.4	14.85	10.66	0	165.6	26.38	1.67	0	16.36
10/12/2011 20:00	19483	6.836	13.18	12.01	13.52	4.548	9.49	15.05	9.95	77.09	76.72	18.13	14.26	0	9.63	26.38	1.67	0	12.41
10/12/2011 21:00	19484	7.872	26.93	12.13	11.74	4.361	29.08	16.52	8.16	71.24	70.65	23.92	19.99	0	0.014	26.37	1.668	-0.003	12.28
10/12/2011 22:00	19485	8.24	39.36	11.57	13.52	4.431	39.78	16.26	9.95	68.63	67.96	29.05	25.16	0	0.012	26.37	1.668	0	12.2
10/12/2011 23:00	19486	9.43	51.75	9.07	13.52	5.755	58.25	15.57	11.74	65.67	64.81	35.76	31.78	0	0.011	26.37	1.671	0.003	12.23
10/13/2011 0:00	19487	9.14	68.46	9.39	13.52	5.103	71.51	16.28	9.95	62.34	61.29	45.93	41.86	0	0.006	26.36	1.668	-0.003	12.18
10/13/2011 1:00	19488	8.37	74.13	8.54	15.31	4.421	73.74	15.86	9.95	60.21	58.8	53.96	50.11	0	0.004	26.35	1.668	0	15.41
10/13/2011 2:00	19489	7.572	74.1	6.79	9.95	3.836	72.08	14.59	6.368	58.85	57.27	61.73	58.08	0	0.002	26.35	1.668	0	16.27
10/13/2011 3:00	19490	2.245	338.3	72.37	8.16	0.609	45.36	31.15	4.578	56.93	54.89	67.57	64.17	0	0.001	26.35	1.668	0	12.17
10/13/2011 4:00	19491	1.294	321.6	13.11	4.578	0.153	354.9	2.724	2.789	56.59	52.27	73.08	66.36	0	0	26.35	1.672	0.003	12.3
10/13/2011 5:00	19492	0.355	317.7	12.11	2.789	0.561	70.97	7.912	2.789	56.48	50.93	78.22	67.7	0	0	26.34	1.665	-0.006	14.63
10/13/2011 6:00	19493	3.534	104	18.49	6.368	1.717	66.64	7.01	4.578	57.88	54.97	82.9	76.15	0	0	26.35	1.665	0	12.31
10/13/2011 7:00	19494	5.524	110.3	14.82	8.16	2.199	78.64	9.68	4.578	57.65	54.59	86.4	83.5	0	0.001	26.36	1.672	0.006	12.24
10/13/2011 8:00	19495	8.13	73.51	18.67	15.31	4.547	72.03	16.71	11.74	55.62	54.03	86	82	0	1.329	26.38	1.665	-0.006	12.49
10/13/2011 9:00	19496	8.47	61.08	9.11	13.52	5.314	64.11	15.43	9.95	54.46	54.33	85.1	78.76	0	90.5	26.38	1.665	0	12.32
10/13/2011 10:00	19497	10.57	84.2	12.38	15.31	6.725	86	20.04	11.74	61.08	62.19	74.04	66.91	0	296.2	26.42	1.671	0.006	12.22
10/13/2011 11:00	19498	9.24	112.6	20.81	15.31	6.331	117.5	28.44	11.74	67.47	69.51	57.92	51.03	0	500.3	26.47	1.667	-0.004	12.32
10/13/2011 12:00	19499	11.77	164.9	16.47	18.89	7.739	171.7	22.54	17.1	71.03	73.54	49.38	42.3	0	662	26.51	1.667	0	12.46
10/13/2011 13:00	19500	11.58	173	18.24	22.47	7.784	180.8	22.19	17.1	73.81	76.45	44.51	37.62	0	767	26.51	1.67	0.003	12.01
10/13/2011 14:00	19501	12.01	179.2	17.38	24.26	8.02	184.7	22.8	17.1	76.32	79.07	41.64	34.79	0	812	26.5	1.667	-0.003	11.96
10/13/2011 15:00	19502	12.23	190.1	17.44	22.47	8.37	196.7	21.88	17.1	78.08	80.9	37.07	30.44	0	791.1	26.47	1.667	0	12.59
10/13/2011 16:00	19503	12.57	193.4	15.97	20.68	8.46	200.3	20.18	17.1	79.78	82.3	32.39	26.31	0	704	26.44	1.667	0	12.36
10/13/2011 17:00	19504	12.61	203.3	14.23	22.47	8.49	208.5	17.73	15.31	80.9	82.7	27.26	21.94	0	560.4	26.42	1.667	0	12.31
10/13/2011 18:00	19505	11.96	205.6	14.39	20.68	8.05	211.3	17.68	15.31	81.5	82.8	24.64	19.82	0	371.7	26.39	1.667	0	16.4
10/13/2011 19:00	19506	12.3	186.7	11.76	18.89	7.712	192.5	16.83	15.31	80.6	80.9	23.35	19.33	0	157.4	26.37	1.667	0	12.33
10/13/2011 20:00	19507	8.24	161.9	9.92	13.52	3.644	160.3	17.87	9.95	74.95	72.38	26.61	24.94	0	8.2	26.35	1.667	0	16.58
10/13/2011 21:00	19508	8.2	146.4	7.401	11.74	3.211	142	15.06	6.368	68.89	65.36	30.56	29.93	0	0.007	26.31	1.668	0.001	12.19
10/13/2011 22:00	19509	8.05	144.9	6.201	11.74	3.302	144.7	13.49	6.368	65.58	62.84	32.72	31.15	0	0.002	26.3	1.665	-0.003	12.21
10/13/2011 23:00	19510	7.296	146.5	6.754	9.95	2.64	140.6	13.54	4.578	63.01	59.62	36.66	35.82	0	0.001	26.29	1.665	0	16.53
10/14/2011 0:00	19511	6.699	156.4	11.35	9.95	2.186	156.4	20.09	4.578	61.74	58.34	40.12	39.27	0	0.001	26.28	1.665	0	12.44
10/14/2011 1:00	19512	6.776	179.3	9.12	17.1	2.838	188.4	14.49	6.368	61.14	58.6	45.73	43.88	0	0.001	26.27	1.668	0.003	12.37
10/14/2011 2:00	19513	4.593	192	12.71	8.16	1.016	211	9.53	4.578	60.62	57.97	49.03	47.63	0	0.001	26.26	1.668	0	12.31
10/14/2011 3:00	19514	4.715	179.1	11.47	8.16	1.146	193.3	12.33	4.578	58.33	55.77	53.44	51.95	0	0.001	26.25	1.665	-0.003	12.32
10/14/2011 4:00	19515	5.506	195.5	11.5	8.16	1.909	205.8	16.47	4.578	58.1	55.29	57.11	56	0	0	26.24	1.668	0.003	12.31

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
10/14/2011 5:00	19516	5.322	206.6	14.68	8.16	1.027	209.2	17.35	4.578	57	53.11	60.66	61.61	0	0	26.22	1.672	0.003	12.24	
10/14/2011 6:00	19517	4.928	233.7	9.96	6.368	0.854	276.1	9.87	2.789	56.02	51.94	60.88	62.04	0	0	26.21	1.665	-0.006	12.13	
10/14/2011 7:00	19518	4.479	250.4	9.52	6.368	0.984	300.4	6.639	2.789	55.26	50.94	63.62	65.35	0	0	26.21	1.665	0	12.29	
10/14/2011 8:00	19519	4.371	267.5	8.23	6.368	1.864	304.7	7.747	4.578	54.35	50.19	66.31	67.9	0	1.218	26.21	1.665	0	12.43	
10/14/2011 9:00	19520	4.502	258.5	12.35	6.368	1.961	278.4	17.95	4.578	55.95	53.64	65.2	62.82	0	97.9	26.23	1.665	0	12.21	
10/14/2011 10:00	19521	6.38	222.1	12.48	9.95	4.228	226.8	17.19	9.95	61.06	62.01	59.23	52.8	0	309	26.29	1.665	-0.001	15.41	
10/14/2011 11:00	19522	7.094	215	13.55	11.74	4.916	220.1	18.14	8.16	67.82	69.31	47.37	41.3	0	511.7	26.36	1.664	-0.001	16.53	
10/14/2011 12:00	19523	7.889	221	15.22	11.74	5.507	225.2	20.48	9.95	75.19	76.77	34.67	29.29	0	674	26.41	1.67	0.006	12.27	
10/14/2011 13:00	19524	7.017	239.1	26.33	13.52	5.055	240.8	29.1	11.74	82.3	83.8	23.94	19.06	0	783.1	26.43	1.667	-0.003	12.31	
10/14/2011 14:00	19525	7.065	271.8	28.15	15.31	5.398	275.5	34.14	13.52	87.9	88.9	14.38	9.88	0	830	26.43	1.667	0	16.36	
10/14/2011 15:00	19526	8.91	252.5	29.79	18.89	6.49	255.4	33.99	15.31	89.3	90.7	11.02	6.507	0	808	26.4	1.667	0	14.31	
10/14/2011 16:00	19527	8.65	265.3	37.51	17.1	6.369	270.2	39.04	15.31	90.2	91.5	10.07	5.557	0	717.9	26.38	1.667	0	16.21	
10/14/2011 17:00	19528	8.29	265.8	26.65	18.89	6.319	269.7	29.05	15.31	90.4	91.4	9.17	4.74	0	568.7	26.37	1.667	0	16.02	
10/14/2011 18:00	19529	6.088	269.3	28.92	11.74	4.672	275.2	31.44	11.74	90.7	91.3	8.93	4.625	0	375.2	26.36	1.667	0	12.25	
10/14/2011 19:00	19530	6.462	232.9	19.89	11.74	3.766	236.2	22.59	8.16	88.7	88.6	10.09	6.592	0	157.7	26.36	1.667	0	12.44	
10/14/2011 20:00	19531	5.395	197	10.83	9.95	1.856	172.5	27.78	4.578	82.8	78.47	12.88	12.02	0	7.696	26.34	1.667	0	16.19	
10/14/2011 21:00	19532	2.631	157	20.95	8.16	0.649	78.18	19.54	4.578	75.22	72.14	18.21	16.3	0	0.01	26.31	1.664	-0.003	14.2	
10/14/2011 22:00	19533	4.332	318.8	60.62	11.74	2.885	324.3	51.65	8.16	75.37	70.42	18.67	19.2	0	0.006	26.31	1.665	0	12.29	
10/14/2011 23:00	19534	9.18	174.5	34.38	17.1	4.925	173.5	39.01	11.74	76.66	74.19	28.83	26.35	0	0.017	26.34	1.665	0	12.8	
10/15/2011 0:00	19535	6.516	48.12	32.05	11.74	3.462	46.88	31.54	8.16	72.33	70.01	34.74	32.67	0	0.014	26.37	1.665	0	12.45	
10/15/2011 1:00	19536	8.64	36.71	16.88	13.52	4.84	39.42	20.33	9.95	67.8	67.27	39.31	35.28	0	0.017	26.37	1.665	0	12.25	
10/15/2011 2:00	19537	7.108	52	5.631	9.95	3.648	57.31	13.92	6.368	63.59	62.1	44.15	41.31	0	0.005	26.35	1.661	-0.003	16.49	
10/15/2011 3:00	19538	7.357	34.8	10.3	13.52	3.619	40.34	14.14	9.95	62.75	61.76	46.04	42.45	0	0.006	26.35	1.661	0	16.66	
10/15/2011 4:00	19539	9.14	26.99	9.67	13.52	4.736	33.78	13.03	9.95	61.12	60.65	50.05	45.71	0	0.007	26.34	1.661	0	12.14	
10/15/2011 5:00	19540	10.44	22.62	12.04	17.1	5.839	27.69	15.78	13.52	59.58	59.22	52.89	48.33	0	0.006	26.34	1.662	0	16.33	
10/15/2011 6:00	19541	12.39	19.3	11.89	18.89	7.353	23.12	16.3	15.31	56.63	56.52	58.55	53.44	0	0.002	26.34	1.662	0	12.14	
10/15/2011 7:00	19542	13.17	18.31	11.51	18.89	7.584	22.91	16.24	15.31	54.95	54.83	64.92	59.57	0	0.002	26.34	1.662	0	16.64	
10/15/2011 8:00	19543	11.82	9.69	13.97	18.89	7.914	10.65	17.62	15.31	53.9	53.87	69.2	63.56	0	1.183	26.35	1.662	0	12.11	
10/15/2011 9:00	19544	12.24	13.1	13.47	20.68	7.873	15.58	17.44	17.1	54.67	54.69	68.64	62.83	0	91.4	26.36	1.662	0	12.36	
10/15/2011 10:00	19545	11.91	27.68	13.35	18.89	7.04	30.35	17.82	15.31	59.43	59.9	62.05	56.08	0	297.3	26.42	1.661	-0.001	11.99	
10/15/2011 11:00	19546	8.58	34.78	14.27	15.31	5.144	34.95	17.05	11.74	64.19	65.17	55.62	49.5	0	492.4	26.48	1.664	0.003	12.34	
10/15/2011 12:00	19547	8.14	48.71	17	13.52	5.092	48.38	22	11.74	69.83	71.51	48.16	41.82	0	671.6	26.52	1.664	0	12.33	
10/15/2011 13:00	19548	9.07	47.32	18.21	17.1	5.664	46.91	22.67	11.74	74.59	76.46	41.8	35.65	0	782.8	26.54	1.664	0	12.31	
10/15/2011 14:00	19549	7.361	61.7	19.29	13.52	4.904	60.54	25.94	9.95	78.64	80.9	35.3	29.47	0	821	26.54	1.664	0	12.23	
10/15/2011 15:00	19550	6.045	83.1	34.14	13.52	4.197	83.6	42.14	11.74	82.8	85.2	30.22	24.77	0	806	26.53	1.667	0.003	14.19	
10/15/2011 16:00	19551	6.9	90.9	22.93	13.52	4.949	89.8	33.66	11.74	84.2	86.4	27.29	22.09	0	701.6	26.52	1.664	-0.003	12.24	
10/15/2011 17:00	19552	8.12	124.9	29.29	15.31	5.514	130.5	37.19	13.52	84.9	87.1	24.99	19.93	0	552.7	26.5	1.664	0	16	
10/15/2011 18:00	19553	8.56	149.8	20.3	17.1	5.625	156.2	26.39	13.52	84.9	86.5	23.42	18.71	0	361.3	26.49	1.664	0	12.27	
10/15/2011 19:00	19554	7.946	145.3	12.51	13.52	4.636	151.1	18.84	9.95	83.4	83.7	23.55	19.73	0	146.8	26.47	1.664	0	16.63	
10/15/2011 20:00	19555	7.5	123.9	6.647	11.74	3.366	122.6	14.55	8.16	76.56	74.38	32.12	29.96	0	6.144	26.45	1.661	-0.003	12.26	
10/15/2011 21:00	19556	8.02	116.2	4.867	9.95	3.465	113.5	14.06	6.368	72.34	69.02	37.6	36.47	0	0.009	26.42	1.665	0.004	12.19	
10/15/2011 22:00	19557	8.26	120.8	5.555	9.95	3.7	119.2	14.24	6.368	69.55	67.04	41.91	40.13	0	0.011	26.41	1.661	-0.003	16.22	
10/15/2011 23:00	19558	7.806	135.4	9.01	11.74	3.106	127.9	16.52	6.368	67.2	63.77	44.12	43.7	0	0.006	26.41	1.661	0	12.29	
10/16/2011 0:00	19559	8.8	149.3	7.055	13.52	4.062	150	15.22	8.16	65.8	63.68	46.95	44.75	0	0.005	26.41	1.661	0	12.36	
10/16/2011 1:00	19560	6.514	161.7	17.21	15.31	2.296	158.4	20.51	6.368	62.65	60.43	52.87	50.91	0	0.003	26.41	1.661	0	12.28	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/16/2011 2:00	19561	3.625	168.5	21.7	6.368	0.264	97.9	5.098	2.789	60.71	57.96	56.58	55.66	0	0.001	26.39	1.662	0	16.51
10/16/2011 3:00	19562	5.154	152.9	9.02	8.16	0.81	121.6	7.969	4.578	59.58	56.19	60.01	60.01	0	0.001	26.37	1.662	0	16.78
10/16/2011 4:00	19563	3.449	147.4	12.85	6.368	0.344	103.6	3.859	2.789	58.93	55.95	62.36	62.29	0	0.002	26.36	1.662	0	12.12
10/16/2011 5:00	19564	3.49	137.7	15.21	6.368	1.013	95.6	10.88	2.789	58.78	55.83	63.62	63.1	0	0.002	26.35	1.659	-0.003	12.39
10/16/2011 6:00	19565	1.191	171.9	15.26	4.578	0.132	91.7	13.48	2.789	57.84	54.81	66.69	65.77	0	0.001	26.35	1.659	0	13.05
10/16/2011 7:00	19566	1.353	231.5	11.31	4.578	0.001	315.3	0	2.789	56.85	53.21	69.37	68.44	0	0.001	26.34	1.659	0	16.52
10/16/2011 8:00	19567	2.455	212.3	11.92	4.578	0	0	0	0	56.48	52.48	70.8	71	0	1.14	26.34	1.659	0	16.8
10/16/2011 9:00	19568	3.195	214.9	23.2	6.368	0.437	254.2	8.46	4.578	57.8	56.32	70.06	66.27	0	89.6	26.35	1.659	0	12.29
10/16/2011 10:00	19569	6.443	212.8	20.08	13.52	4.352	216.9	21.29	9.95	63.2	64.2	62.48	55.76	0	295	26.41	1.661	0.003	12.18
10/16/2011 11:00	19570	9.49	207.4	11.89	13.52	6.636	213.1	15.5	11.74	68.03	69.57	54.63	47.96	0	496.8	26.47	1.664	0.003	12.3
10/16/2011 12:00	19571	8.43	204	12.24	13.52	6.035	209.6	16.19	9.95	73.85	75.84	45.46	38.93	0	659.2	26.5	1.667	0.003	12.24
10/16/2011 13:00	19572	7.642	208.3	15.25	11.74	5.556	215.1	20	9.95	80.2	82.1	35.27	29.48	0	768.4	26.52	1.661	-0.006	12.28
10/16/2011 14:00	19573	9.79	208.2	15.68	17.1	6.835	213	20.81	13.52	85	87.3	26.64	21.18	0	814	26.51	1.66	0	12.25
10/16/2011 15:00	19574	10.59	216.9	18.29	17.1	7.152	221.3	22.19	13.52	87.6	89.7	21.1	16	0	789.9	26.48	1.661	0	16.56
10/16/2011 16:00	19575	8.5	220.8	42.43	17.1	6.373	227	46.21	13.52	89.5	91	18.4	13.64	0	697.1	26.46	1.661	0	12.19
10/16/2011 17:00	19576	9.32	216.5	32.05	17.1	6.461	221.1	34.5	17.1	90.6	92	13.25	8.78	0	553.6	26.44	1.664	0.003	15.01
10/16/2011 18:00	19577	8.12	228.8	29.84	18.89	5.419	231.7	34.21	13.52	90.5	91.3	11.91	7.654	0	363.8	26.42	1.664	0	12.52
10/16/2011 19:00	19578	6.276	233.6	15.7	11.74	3.461	236.4	19.39	8.16	89.2	89	11.71	8.48	0	149.6	26.4	1.661	-0.003	16.44
10/16/2011 20:00	19579	3.213	218.5	17.91	8.16	0.532	208.5	15.72	4.578	82.4	78.87	15.09	14.19	0	6.283	26.38	1.661	0	15.94
10/16/2011 21:00	19580	3.154	204.6	39.63	8.16	1.009	141.6	25.91	6.368	76.34	71.79	18	18.18	0	0.008	26.35	1.661	0	12.35
10/16/2011 22:00	19581	6.716	182	8.16	11.74	2.153	172.7	17.38	6.368	72.83	68.02	23.65	22.71	0	0.006	26.33	1.658	-0.003	16.26
10/16/2011 23:00	19582	7.313	181	7.672	11.74	3.278	187.7	14.04	6.368	68.45	66.14	35.62	32.99	0	0.006	26.32	1.658	0	16.73
10/17/2011 0:00	19583	5.187	195.4	7.929	8.16	1.331	201.6	10.01	4.578	66.39	63.28	42.56	41.18	0	0.003	26.32	1.658	0	12.19
10/17/2011 1:00	19584	5.117	196.6	10.14	9.95	1.289	197.4	12.06	4.578	65.07	61.47	45.4	44.86	0	0.002	26.31	1.661	0.003	12.25
10/17/2011 2:00	19585	5.684	195.1	9.48	9.95	1.96	202.7	13.45	4.578	63.07	59.99	51.34	49.83	0	0.001	26.29	1.659	-0.003	12.16
10/17/2011 3:00	19586	4.893	200.5	12.44	8.16	0.93	214.1	20.66	4.578	61.04	57.65	60.28	59.09	0	0.001	26.27	1.659	0	12.79
10/17/2011 4:00	19587	5.66	207	10.63	9.95	1.362	212.4	16.5	4.578	59.62	55.46	65.55	65.55	0	0	26.25	1.659	0	12.21
10/17/2011 5:00	19588	5.092	249.9	10.3	8.16	1.263	280.2	9.48	4.578	58.29	54.57	66.75	66.71	0	0	26.23	1.659	0	12.28
10/17/2011 6:00	19589	4.706	261.8	9.34	6.368	1.621	300.9	7.864	4.578	56.76	52.77	72.08	71.42	0	0.001	26.22	1.659	0	16.69
10/17/2011 7:00	19590	5.137	263.5	8.56	8.16	2.142	299	5.984	4.578	56.48	52.05	74.68	74.89	0	0	26.21	1.659	0	12.15
10/17/2011 8:00	19591	5.479	276.2	9.33	8.16	2.557	303.9	13.61	4.578	55.23	51.63	78.19	77.29	0	1.068	26.21	1.659	0	12.3
10/17/2011 9:00	19592	4.742	285	12.33	8.16	2.351	307.5	12.86	4.578	56.98	54.79	75.29	72.87	0	87.2	26.21	1.659	0	12.25
10/17/2011 10:00	19593	4.262	269.2	15.04	8.16	3.116	275.2	20.41	6.368	64.97	65.52	57.39	51.56	0	291.8	26.26	1.658	-0.001	13.74
10/17/2011 11:00	19594	5.248	253.6	15.27	9.95	3.524	257.3	19.4	8.16	74.2	75.31	38.85	33.57	0	493.3	26.33	1.658	-0.001	12.44
10/17/2011 12:00	19595	9.13	259.8	17.13	17.1	6.183	262.1	22.66	13.52	84.4	85.4	17.17	13.07	0	657.3	26.35	1.661	0.003	12.19
10/17/2011 13:00	19596	13.4	282.7	17.49	22.47	10.19	286.6	20.86	18.89	88.4	89.4	12.15	7.815	0	766	26.35	1.661	0	12.18
10/17/2011 14:00	19597	15.86	294.3	16.79	26.05	12.8	298.6	19.11	20.68	88.6	89.6	12.22	7.764	0	809	26.34	1.661	0	14.58
10/17/2011 15:00	19598	17.47	279.2	14.17	36.78	12.8	281.9	18.19	31.42	89.4	90.8	11.14	6.553	0	790	26.3	1.661	0	12.17
10/17/2011 16:00	19599	17.27	289.7	14.36	29.63	13.53	294.6	17.17	26.05	90	90.9	10.39	5.905	0	702.1	26.28	1.661	0	12.41
10/17/2011 17:00	19600	17.52	283.5	17.07	31.42	13.2	288.2	20	26.05	90.4	91.2	9.35	4.932	0	549.8	26.27	1.661	0	12.73
10/17/2011 18:00	19601	19.68	310.8	14.61	40.36	15.51	315.3	15.83	31.42	90.1	90.5	9.68	5.381	0	346.7	26.28	1.661	0	16.38
10/17/2011 19:00	19602	23.15	325	12.04	38.57	18.17	328.7	13	34.99	87.7	87.6	10.52	6.387	0	121.7	26.29	1.661	0	12.34
10/17/2011 20:00	19603	25.24	1.264	23.56	43.94	16.92	2.26	25.42	36.78	78.19	78.19	22.25	17.68	0	4.378	26.32	1.658	-0.003	16.37
10/17/2011 21:00	19604	25.04	23.07	11.87	47.52	14.43	24.56	16.56	34.99	68.24	68.4	37.54	32.68	0	0.012	26.35	1.658	0	12.3
10/17/2011 22:00	19605	23.35	28.15	11.45	42.15	13.02	29.8	14.73	29.63	65.2	65.25	41.01	36.16	0	0.013	26.35	1.658	0	12.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/17/2011 23:00	19606	20.58	28.68	10.66	40.36	11.57	30.01	14.02	29.63	62.02	62.05	45.98	40.95	0	0.008	26.37	1.655	-0.003	12.31
10/18/2011 0:00	19607	16.35	31.08	12.13	27.84	9.28	31.86	15.31	22.47	59.44	59.42	49.64	44.62	0	0.006	26.39	1.655	0	12.2
10/18/2011 1:00	19608	13.9	16.51	13.83	43.94	8.81	16.81	18.02	20.68	57.53	57.56	53.37	48.13	0	0.003	26.4	1.659	0.003	12.29
10/18/2011 2:00	19609	14.01	13.41	13.61	27.84	9.31	14.24	17.08	22.47	55.26	55.32	56.79	51.47	0	0.002	26.41	1.656	-0.003	16.83
10/18/2011 3:00	19610	19.38	13.5	12.93	34.99	12.35	14.02	17.42	26.05	51.96	52.09	56.96	51.44	0	0.002	26.4	1.656	0	12.22
10/18/2011 4:00	19611	17.06	18.46	14.18	31.42	10.39	17.93	18.76	26.05	49.75	49.83	60.79	55.22	0	0.001	26.4	1.656	0	14.65
10/18/2011 5:00	19612	11.61	0.211	14.07	18.89	8.26	359.5	16.3	18.89	48.15	48.25	63.7	57.99	0	0	26.43	1.656	0	11.93
10/18/2011 6:00	19613	10.18	0.856	10.95	17.1	7.411	0.411	13.22	13.52	46.3	46.44	66.82	60.86	0	0	26.45	1.656	0	16.4
10/18/2011 7:00	19614	8.5	349	11.21	13.52	6.126	348.8	14.08	11.74	44.62	44.7	69.47	63.49	0	0	26.46	1.656	0	12.06
10/18/2011 8:00	19615	7.199	331.9	10.35	11.74	5.322	331.4	12.92	8.16	42.85	42.82	72.3	66.35	0	0.904	26.46	1.662	0.007	12.05
10/18/2011 9:00	19616	8.64	323.2	7.339	15.31	6.524	324.2	10.61	13.52	43.63	43.62	71.34	65.11	0	87.4	26.48	1.656	-0.006	16.72
10/18/2011 10:00	19617	12.32	343.3	13.19	22.47	9.4	343.9	15.81	18.89	47.5	48.26	65.11	58.05	0	298.6	26.54	1.656	0	12.12
10/18/2011 11:00	19618	11.91	351	14.99	18.89	9.11	352.2	17.39	17.1	50.24	51.35	60.93	53.76	0	506.4	26.58	1.655	0	12.33
10/18/2011 12:00	19619	11.71	353.7	14.65	18.89	9	354.5	18.08	17.1	53.78	55.09	52.23	45.3	0	667.4	26.62	1.658	0.003	16.38
10/18/2011 13:00	19620	14.76	13.73	16.35	26.05	9.78	14.71	19.56	20.68	57.38	58.64	39.02	33.15	0	768.4	26.63	1.658	0	12.47
10/18/2011 14:00	19621	15.69	16.46	15.55	27.84	10.21	17.31	19.5	20.68	59.91	61.2	33.24	27.6	0	812	26.62	1.658	0	12.18
10/18/2011 15:00	19622	15.07	14.96	17.04	26.05	9.84	15.82	20.19	20.68	62.18	63.5	29.65	24.16	0	784	26.61	1.658	0	12.11
10/18/2011 16:00	19623	13.88	18.23	17.79	27.84	8.99	19.54	21.19	20.68	63.6	64.76	27.15	21.86	0	691.6	26.59	1.658	0	16.61
10/18/2011 17:00	19624	14.45	11.78	15.96	26.05	9.84	11.73	19.94	18.89	64.47	65.47	26.27	21.07	0	541.4	26.58	1.658	0	15.6
10/18/2011 18:00	19625	12.97	12.58	16.47	22.47	8.59	13.47	20.69	18.89	64.79	65.51	26.57	21.56	0	345.5	26.57	1.658	0	12.2
10/18/2011 19:00	19626	11.95	13.81	14.03	31.42	7.824	14.56	18.15	29.63	63.86	64.14	27.39	22.71	0	132.7	26.56	1.658	0	12.15
10/18/2011 20:00	19627	8.23	16.95	13.18	15.31	5.278	17.34	16.83	13.52	60.9	60.81	29.35	24.88	0	5.226	26.54	1.655	-0.003	12.22
10/18/2011 21:00	19628	6.419	25.62	10.74	9.95	3.356	29.55	13.47	6.368	57.87	57.41	32.55	28.39	0	0.013	26.53	1.655	0	15.26
10/18/2011 22:00	19629	6.653	44.84	11.9	11.74	3.449	50.37	18.56	6.368	55.25	54.27	34.29	30.8	0	0.005	26.51	1.656	0	13.82
10/18/2011 23:00	19630	6.515	47.98	7.699	9.95	3.23	52.6	14.48	6.368	53.37	52.17	34.84	31.74	0	0.001	26.51	1.656	0	14.98
10/19/2011 0:00	19631	6.11	40.85	9.91	9.95	2.827	40.32	14.3	6.368	51.88	50.91	34.65	31.23	0	0.001	26.51	1.656	0	12.19
10/19/2011 1:00	19632	5.445	36.05	9.67	11.74	2.485	32.42	12.69	4.578	50.36	49.53	35.62	31.96	0	0.001	26.5	1.656	0	16.69
10/19/2011 2:00	19633	5.03	25.74	10.9	8.16	2.304	30.77	12.49	4.578	48.1	47.54	38.14	34.07	0	0	26.49	1.656	0	16.69
10/19/2011 3:00	19634	6.738	27.73	8.59	9.95	3.366	31.85	12.65	6.368	46.81	46.27	39.35	35.21	0	0	26.48	1.656	0	16.81
10/19/2011 4:00	19635	5.226	25.79	11.26	8.16	2.256	32.75	12.44	6.368	45.57	44.96	40.47	36.36	0	0	26.47	1.656	0	12.29
10/19/2011 5:00	19636	4.339	22.51	24.41	9.95	1.975	33.75	29.15	6.368	44.34	43.36	42.05	38.44	0	0	26.46	1.656	0	16.51
10/19/2011 6:00	19637	3.053	2.511	13.89	6.368	0.87	344	11.3	4.578	43.41	41.17	43.44	41.71	0	0	26.45	1.656	0	14.94
10/19/2011 7:00	19638	2.763	4.124	22.77	8.16	1.101	344.3	31.24	6.368	43.54	41.78	43.3	40.91	0	0	26.45	1.656	0	16.12
10/19/2011 8:00	19639	2.861	301.1	29.26	6.368	1.075	271.1	26.94	4.578	39.86	36.61	49.95	49.04	0	0.896	26.45	1.656	0	12.29
10/19/2011 9:00	19640	4.155	311.2	11.94	6.368	2.111	305.2	12.81	4.578	39.91	38.72	50.32	46.66	0	87.7	26.45	1.656	0	16.4
10/19/2011 10:00	19641	5.04	278.9	21.95	9.95	3.784	283.5	25.56	8.16	50.39	50.86	36.67	31.4	0	300.1	26.51	1.656	-0.001	12.06
10/19/2011 11:00	19642	6.334	233	18.8	9.95	4.223	236.6	23.6	9.95	56.65	58.07	29.94	24.45	0	501.4	26.58	1.658	0.003	15.94
10/19/2011 12:00	19643	7.264	218.2	18.69	13.52	5.106	223	23	9.95	60.61	62.41	24.84	19.45	0	663.9	26.61	1.658	-0.001	16.77
10/19/2011 13:00	19644	6.879	211.3	34.69	13.52	5.002	217.8	38.67	11.74	63.35	65.35	22.47	17.03	0	767.3	26.62	1.658	0	12.2
10/19/2011 14:00	19645	6.586	215.2	45.01	17.1	4.876	221.2	48.39	13.52	65.87	67.59	21.21	15.96	0	807	26.6	1.658	0	12.23
10/19/2011 15:00	19646	7.254	231.9	29.63	17.1	5.034	236.7	32.48	11.74	67	69.04	21.17	15.56	0	784.2	26.57	1.658	0	15.47
10/19/2011 16:00	19647	6.571	218.4	38.43	18.89	4.747	222.4	43.53	15.31	68.56	70.32	20.35	15.01	0	692.4	26.54	1.658	0	16.67
10/19/2011 17:00	19648	7.116	185.7	42.58	13.52	4.979	190.7	44.45	9.95	69.13	70.97	20.06	14.89	0	543.9	26.51	1.661	0.003	12.28
10/19/2011 18:00	19649	6.448	201.7	22.4	13.52	4.549	208.4	23.7	9.95	69.25	70.6	20.07	15.1	0	351.4	26.48	1.658	-0.003	12.18
10/19/2011 19:00	19650	6.974	179.8	16.86	11.74	4.288	184.3	20.25	9.95	67.87	68.33	20.99	16.8	0	137.3	26.46	1.658	0	12.34

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/19/2011 20:00	19651	6.699	141.6	12.55	8.16	2.459	125.4	17.78	4.578	62.43	59.02	25.29	24.1	0	4.083	26.41	1.655	-0.003	16.59
10/19/2011 21:00	19652	7.637	123.5	5.232	9.95	3.102	107.8	14.79	4.578	58.7	54.72	28.27	27.53	0	0.001	26.37	1.662	0.007	12.22
10/19/2011 22:00	19653	7.914	126.5	5.492	9.95	3.267	120.7	14.41	6.368	56.27	53.39	30.95	29.31	0	0.002	26.35	1.656	-0.006	12.09
10/19/2011 23:00	19654	8.48	133.5	6.819	11.74	3.787	133.9	16.49	6.368	54.7	52.25	32.56	30.4	0	0.002	26.33	1.656	0	16.54
10/20/2011 0:00	19655	7.357	130.7	6.743	9.95	3.003	122.9	18.03	6.368	52.7	50.32	35.33	33.21	0	0.001	26.32	1.656	0	12.08
10/20/2011 1:00	19656	6.221	125.1	6.257	9.95	1.914	98.8	11.65	4.578	51.1	47.53	37.89	37.2	0	0	26.3	1.656	0	13.44
10/20/2011 2:00	19657	6.564	121.2	7.29	9.95	2.434	102	14.06	4.578	51.14	47.4	38.36	37.99	0	0	26.28	1.656	0	12
10/20/2011 3:00	19658	6.764	130	8.82	11.74	2.828	129.1	16.67	6.368	50.97	48.77	38.76	36.56	0	0	26.27	1.656	0	12.6
10/20/2011 4:00	19659	4.049	108.9	17.08	6.368	1.488	76.33	14.79	4.578	49.26	47.11	40.71	38.65	0	0	26.26	1.656	0	16.45
10/20/2011 5:00	19660	4.58	125	34.38	8.16	1.754	79.58	14.83	4.578	49.58	46.79	39.55	38.49	0	0	26.24	1.659	0.003	12.31
10/20/2011 6:00	19661	2.333	169.5	10.97	6.368	0.264	128	15.11	2.789	49.07	46.51	39.52	38.06	0	0	26.24	1.656	-0.003	16.21
10/20/2011 7:00	19662	4.057	175.7	11.87	8.16	0.889	150.8	22.27	4.578	48.29	45.03	40.44	40.03	0	0	26.24	1.656	0	12.06
10/20/2011 8:00	19663	4.573	200.6	10.66	8.16	0.488	194.8	10.7	4.578	46.35	42.68	43.3	43.54	0	0.731	26.23	1.656	0	15.19
10/20/2011 9:00	19664	4.939	225.3	14.48	8.16	1.134	239.4	13.02	6.368	47.16	44.94	42.97	41.25	0	83.8	26.23	1.656	0	12.07
10/20/2011 10:00	19665	9.19	213.3	9.08	13.52	6.189	218.4	13.63	11.74	52.93	53.69	37.49	32.21	0	295.9	26.29	1.659	0.003	14.36
10/20/2011 11:00	19666	11.2	221.3	10.3	15.31	7.305	224.7	15.62	13.52	60.68	62.09	30.39	25.07	0	498.8	26.36	1.658	0	12.06
10/20/2011 12:00	19667	10.84	242.6	15.1	17.1	6.598	243.9	21.95	13.52	68.67	70.62	24.82	19.42	0	656.3	26.4	1.658	-0.001	15.44
10/20/2011 13:00	19668	10.79	264.1	19.12	22.47	7.3	264.1	23.37	18.89	77.68	79.16	18.58	13.73	0	755.8	26.43	1.657	0	12.25
10/20/2011 14:00	19669	15.67	295.8	12.87	26.05	12.5	297.3	15.75	22.47	82.8	84	14	9.38	0	800	26.42	1.657	0	16.56
10/20/2011 15:00	19670	15.21	293.6	13.81	26.05	12.47	296.2	16.43	22.47	84.9	85.9	12.27	7.705	0	778.9	26.4	1.657	0	15.74
10/20/2011 16:00	19671	16.33	297.7	17.05	29.63	13.18	300.2	19.81	22.47	85.9	86.9	9.87	5.342	0	687.5	26.39	1.661	0.003	12.25
10/20/2011 17:00	19672	14.91	290.4	16.4	26.05	11.97	292.2	18.8	22.47	86.5	87.2	10.1	5.652	0	532.7	26.39	1.657	-0.003	12.25
10/20/2011 18:00	19673	12.7	286.4	14.04	22.47	10.21	288.9	17.91	20.68	86.5	87	9.78	5.443	0	340.1	26.38	1.661	0.003	12.25
10/20/2011 19:00	19674	7.827	279.7	13.91	18.89	5.536	281.1	16.68	15.31	84.9	84.4	10.8	7.074	0	126.7	26.38	1.658	-0.003	16.67
10/20/2011 20:00	19675	3.748	298.4	35.02	9.95	0.995	10.08	23.23	6.368	78.55	74.8	14.55	13.3	0	3.771	26.37	1.658	0	12.34
10/20/2011 21:00	19676	1.526	308.4	40.49	4.578	0.501	70.94	28.36	2.789	73.39	67.42	16.73	18.22	0	0.014	26.36	1.658	0	12.24
10/20/2011 22:00	19677	4.623	335.5	21.45	15.31	1.02	23.7	16.56	8.16	72.52	65.88	16.51	17.91	0	0.007	26.34	1.658	0	16.67
10/20/2011 23:00	19678	10.48	61.73	12.08	17.1	5.851	60.04	16.83	11.74	68.23	66.61	21.47	18.16	0	0.021	26.35	1.658	0	11.84
10/21/2011 0:00	19679	9.78	66.92	10	15.31	5.283	67.08	17.05	11.74	64.67	62.85	25.56	22.57	0	0.013	26.36	1.655	-0.003	12.23
10/21/2011 1:00	19680	8.38	55.16	10.17	20.68	4.701	59.99	16.28	9.95	61.07	59.79	29.18	25.73	0	0.008	26.35	1.655	0	12.07
10/21/2011 2:00	19681	9.24	51.11	11.09	15.31	5.035	53.43	18.25	9.95	59.36	58.21	31.11	27.53	0	0.003	26.34	1.662	0.006	12.39
10/21/2011 3:00	19682	10.86	47.77	8.53	17.1	5.625	49.19	15.8	11.74	58.4	57.59	32.23	28.32	0	0.003	26.34	1.659	-0.003	12.08
10/21/2011 4:00	19683	9.73	48.45	7.835	15.31	4.947	50.76	15.79	9.95	57.4	56.46	34.35	30.54	0	0.002	26.34	1.656	-0.003	11.96
10/21/2011 5:00	19684	6.153	24.47	21.03	13.52	3.2	24.5	24.52	8.16	54.64	54.01	38.33	34.09	0	0.002	26.34	1.656	0	16.51
10/21/2011 6:00	19685	7.236	33.18	12.16	15.31	3.488	39.3	17.24	11.74	52.59	51.81	42.05	37.92	0	0	26.33	1.656	0	15.51
10/21/2011 7:00	19686	9.25	26	12.96	15.31	4.966	30.62	17.43	11.74	51.91	51.46	44.38	39.81	0	0	26.33	1.656	0	11.98
10/21/2011 8:00	19687	10.26	17.89	12.69	15.31	5.951	21.61	17.03	11.74	51.71	51.4	45.5	40.77	0	0.703	26.35	1.656	0	16.48
10/21/2011 9:00	19688	7.568	7.303	29.56	15.31	4.416	8.15	36.06	11.74	52.45	52.13	45.34	40.52	0	78.58	26.37	1.662	0.006	13.42
10/21/2011 10:00	19689	7.374	15.3	17.08	13.52	4.729	14.31	21.49	11.74	59.34	59.74	38.51	33.3	0	286.1	26.42	1.662	-0.001	12.18
10/21/2011 11:00	19690	5.027	19.22	19.99	9.95	3.179	20.07	21.89	8.16	68.54	69.37	30.45	25.55	0	479.8	26.5	1.658	-0.004	12.22
10/21/2011 12:00	19691	5.422	47.49	20.84	9.95	3.57	45.13	22.93	8.16	74.23	75.45	25.53	20.75	0	638.2	26.55	1.658	0	12.27
10/21/2011 13:00	19692	5.284	51.23	22.45	9.95	3.611	48.24	26.93	9.95	80.2	81.5	19.94	15.34	0	745.3	26.56	1.657	0	12.14
10/21/2011 14:00	19693	3.714	44.84	49.71	9.95	2.68	33.97	49.71	8.16	86.4	87.1	13.53	9.44	0	789	26.56	1.657	0	15.72
10/21/2011 15:00	19694	4.022	285.9	85.2	8.16	3.05	293.4	85.5	8.16	88.4	89.4	11.64	7.157	0	763.3	26.54	1.66	0.003	12.71
10/21/2011 16:00	19695	3.473	48.94	53.26	9.95	2.574	42.79	56.67	8.16	90	90.7	10.99	6.764	0	671.9	26.52	1.657	-0.003	13.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/21/2011 17:00	19696	5.623	141.7	80.2	15.31	4.039	151.1	82.9	11.74	88.4	89.4	11.31	6.941	0	519.9	26.5	1.657	0	16.66
10/21/2011 18:00	19697	7.959	166.4	19.27	15.31	5.259	173.4	23.36	11.74	86.4	87.8	12.33	7.948	0	327	26.48	1.657	0	14.02
10/21/2011 19:00	19698	7.263	151.9	11.85	11.74	3.941	156	18.28	9.95	84.1	83.8	12.71	9.28	0	120.8	26.46	1.658	0	16.66
10/21/2011 20:00	19699	8.02	117.3	13.69	11.74	3.65	115.5	17.58	8.16	76.4	73.4	19.64	17.34	0	3.471	26.43	1.658	0	15.14
10/21/2011 21:00	19700	8.59	80.9	11.69	11.74	4.502	80.4	18.32	8.16	70.15	68.47	26.63	23.46	0	0.012	26.41	1.658	0	12.1
10/21/2011 22:00	19701	9.46	96.9	7.788	15.31	5.358	98.3	15.92	9.95	68.32	66.36	29.6	26.65	0	0.012	26.39	1.658	0	11.88
10/21/2011 23:00	19702	9.4	102.6	8.78	15.31	5.262	102.8	18.58	9.95	66.47	64.89	34.86	31.49	0	0.01	26.39	1.658	0	14.76
10/22/2011 0:00	19703	10.32	113.6	8.65	15.31	5.623	114.1	19.21	9.95	64.48	63.34	43.99	40.17	0	0.008	26.38	1.655	-0.003	12.03
10/22/2011 1:00	19704	7.708	108.6	18.22	17.1	4.315	106	22.54	9.95	62	60.82	52.71	49.06	0	0.008	26.35	1.655	0	16.29
10/22/2011 2:00	19705	4.771	61.29	29.55	8.16	2.25	61.51	26.48	6.368	60.39	58.3	55.15	53.26	0	0.002	26.34	1.659	0.003	12.05
10/22/2011 3:00	19706	4.169	99.4	21.14	6.368	2.282	72.16	9.86	4.578	59.61	55.9	51.61	53.74	0	0.002	26.32	1.659	0	12.05
10/22/2011 4:00	19707	3.702	206.9	36.29	6.368	0.645	101.3	18.21	4.578	57.34	54.03	51.9	52.28	0	0.001	26.31	1.656	-0.003	16.57
10/22/2011 5:00	19708	5.165	321.3	34.7	15.31	2.213	341.6	26.44	9.95	55.35	52.44	56.23	55.2	0	0	26.3	1.656	0	12.12
10/22/2011 6:00	19709	4.68	352.7	40.18	11.74	2.691	350.5	45.9	9.95	51.06	48.96	62.67	60.28	0	0.001	26.3	1.656	0	12.66
10/22/2011 7:00	19710	4.914	353.6	20.78	15.31	2.834	349.3	19.96	11.74	50	49.15	65.45	61.17	0	0	26.3	1.656	0	11.99
10/22/2011 8:00	19711	4.5	325.8	26.8	9.95	1.805	313.5	23	6.368	48.28	46.16	67.83	65.46	0	0.631	26.3	1.656	0	14.06
10/22/2011 9:00	19712	9.37	330.7	10.5	17.1	6.531	330	13.32	15.31	56.21	54.77	47.68	45.46	0	80.4	26.3	1.659	0.003	12.03
10/22/2011 10:00	19713	11.41	325	12.36	18.89	8.99	326.9	13.29	15.31	65.09	64.88	28.05	24.55	0	284.6	26.37	1.658	-0.001	16.86
10/22/2011 11:00	19714	10.3	319.9	12.69	18.89	8.64	322.9	13.28	17.1	73.47	73.77	19.61	15.58	0	479.1	26.44	1.658	-0.001	16.85
10/22/2011 12:00	19715	11.89	313.6	12.84	18.89	9.95	317	14.45	17.1	78.83	79.44	14.68	10.48	0	640.1	26.48	1.661	0.003	12.18
10/22/2011 13:00	19716	11.52	315.1	13.73	18.89	9.68	319.1	14.73	17.1	82.8	83.6	10.89	6.513	0	746.3	26.49	1.657	-0.003	12.21
10/22/2011 14:00	19717	12.97	286.2	18.46	22.47	10.34	290.3	20.9	18.89	84	85.1	10.29	5.729	0	789.6	26.48	1.657	0	12.3
10/22/2011 15:00	19718	14.45	279.1	16.28	24.26	11.21	281.7	20	22.47	84	85.2	10.73	6.027	0	763	26.45	1.661	0.003	13.09
10/22/2011 16:00	19719	14	289.7	15.7	26.05	11.13	293.3	19.28	20.68	84.5	85.5	9.94	5.322	0	678.8	26.44	1.661	0	12.23
10/22/2011 17:00	19720	15.78	299.9	12.99	26.05	12.87	303.9	14.93	22.47	84.9	85.6	7.705	3.18	0	531.1	26.42	1.657	-0.003	12.2
10/22/2011 18:00	19721	13.97	300.7	12.46	24.26	11.23	305	14.3	22.47	84.6	84.9	7.653	3.25	0	337.5	26.4	1.658	0	12.25
10/22/2011 19:00	19722	9.02	317.5	11.54	17.1	6.902	321	12.17	15.31	83.1	82.6	9.55	5.636	0	124.2	26.4	1.658	0	12.31
10/22/2011 20:00	19723	7.187	8.96	13.92	11.74	4.54	2.987	13.62	8.16	76.66	75.58	12.88	9.18	0	2.948	26.39	1.658	0	12.24
10/22/2011 21:00	19724	6.133	21.31	11.57	9.95	3.216	23.07	15.22	8.16	72.46	71.53	15.93	12.09	0	0.028	26.37	1.658	0	16.53
10/22/2011 22:00	19725	5.555	21.12	9.46	8.16	2.63	23.98	13.34	4.578	69.74	68.59	18.37	14.79	0	0.023	26.36	1.658	0	12.57
10/22/2011 23:00	19726	7.762	17.58	13.15	17.1	4.555	21.79	19.95	11.74	67.68	66.53	19.64	16.08	0	0.018	26.36	1.655	-0.003	12.57
10/23/2011 0:00	19727	9.91	28.34	10.24	17.1	5.35	30.25	12.97	13.52	63.9	63.39	26.32	21.97	0	0.02	26.37	1.658	0.003	13.86
10/23/2011 1:00	19728	9.44	35.33	9.98	17.1	5.218	36.63	12	11.74	61.88	61.47	34.1	29.67	0	0.01	26.36	1.658	0	12.12
10/23/2011 2:00	19729	8.97	33.53	10.15	15.31	4.848	32.83	12.44	9.95	59.5	59.08	39.91	35.34	0	0.008	26.36	1.655	-0.003	12.11
10/23/2011 3:00	19730	10.45	36.98	10.02	17.1	5.537	37.24	11.98	11.74	57.81	57.45	44.73	40.08	0	0.006	26.35	1.655	0	12.01
10/23/2011 4:00	19731	10.32	34.46	9.6	15.31	5.344	34.25	11.93	9.95	56.83	56.43	49.84	45.05	0	0.002	26.35	1.656	0	16.62
10/23/2011 5:00	19732	10.96	34.86	9.84	15.31	5.851	34.69	12.14	11.74	56.1	55.73	56.28	51.33	0	0.001	26.34	1.656	0	16.43
10/23/2011 6:00	19733	12.96	43.07	8.27	17.1	6.715	41.6	12.24	13.52	57.16	56.69	60.14	55.38	0	0.004	26.35	1.656	0	12.07
10/23/2011 7:00	19734	6.569	12.59	22.7	17.1	4.089	5.234	28.16	9.95	53.74	53.55	65.78	60.49	0	0.003	26.37	1.656	0	16.33
10/23/2011 8:00	19735	7.638	14.47	13.7	11.74	4.765	14.79	17.41	9.95	50.82	50.72	70.43	64.72	0	0.534	26.37	1.656	0	12.83
10/23/2011 9:00	19736	7.985	358.7	25.91	15.31	5.218	0.012	26.89	9.95	51.53	51.43	71.66	65.54	0	75.33	26.38	1.659	0.003	12.05
10/23/2011 10:00	19737	7.089	316.9	11.2	9.95	5.976	320.4	12.45	9.95	54.48	54.85	65.88	59.29	0	279.3	26.45	1.655	-0.004	11.95
10/23/2011 11:00	19738	4.51	347.5	27.65	9.95	3.601	342.6	23.65	8.16	62.94	63.61	59.74	53.42	0	472.9	26.52	1.658	0.003	12.3
10/23/2011 12:00	19739	3.437	4.675	42.31	9.95	2.536	356.1	40.95	8.16	69.39	70.03	53.03	47.31	0	623.4	26.58	1.661	0.003	12.2
10/23/2011 13:00	19740	5.233	81.2	42.11	13.52	3.744	79.51	44.88	9.95	73.1	74.79	46.77	40.73	0	728.2	26.6	1.657	-0.003	16.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/23/2011 14:00	19741	4.501	59.14	55.97	9.95	3.342	46.81	58.86	9.95	77	78.34	38.77	33.31	0	768.1	26.59	1.661	0.003	12.68
10/23/2011 15:00	19742	5.86	100.1	50.27	17.1	4.116	100.5	53.54	13.52	79.23	81.3	32.42	26.9	0	742.9	26.57	1.657	-0.003	12.23
10/23/2011 16:00	19743	5.125	162.4	40.66	13.52	3.839	163.8	44.08	9.95	80.8	82.5	26.53	21.47	0	659.5	26.56	1.657	0	12.47
10/23/2011 17:00	19744	6.61	176	24.91	13.52	4.761	182.8	30.63	9.95	80.9	82.5	24.73	19.66	0	511.5	26.54	1.657	0	16.62
10/23/2011 18:00	19745	6.548	165.8	25.79	13.52	4.451	172.4	30.41	9.95	80.2	81.7	24.59	19.72	0	320.2	26.53	1.657	0	12.4
10/23/2011 19:00	19746	5.903	140.4	18.82	11.74	3.182	143.9	24	8.16	78.4	78.47	26.3	22.83	0	114.2	26.51	1.658	0	12.25
10/23/2011 20:00	19747	4.504	110.4	13.21	6.368	2.121	81.9	12.84	4.578	73.82	70.53	30.05	28.9	0	2.412	26.49	1.661	0.003	12.2
10/23/2011 21:00	19748	6.688	104.6	5.656	9.95	3.203	84.9	9.67	4.578	71.14	65.58	32.06	33.52	0	0.011	26.47	1.658	-0.003	12.52
10/23/2011 22:00	19749	8.17	106.4	6.246	9.95	3.652	92.1	11.02	6.368	67.3	61.99	34.71	35.76	0	0.005	26.47	1.655	-0.003	14.07
10/23/2011 23:00	19750	7.921	115.9	6.82	11.74	3.385	102.8	16.46	6.368	64.72	60.79	38.01	37.61	0	0.006	26.46	1.662	0.006	12.11
10/24/2011 0:00	19751	9.29	122.1	6.567	13.52	4.543	121.7	16	9.95	64.12	61.87	38	35.78	0	0.006	26.46	1.655	-0.006	12.2
10/24/2011 1:00	19752	9.17	121.7	6.962	17.1	4.673	123.3	16.41	8.16	62.5	60.84	43.95	40.87	0	0.005	26.47	1.655	0	12.29
10/24/2011 2:00	19753	9.72	125.2	7.369	15.31	5.077	126.9	16.64	8.16	61.84	60.47	48.88	45.53	0	0.004	26.46	1.658	0.003	15.24
10/24/2011 3:00	19754	8.4	121.1	8.18	11.74	4.234	121.3	17.36	8.16	58.98	57.58	55.55	52.22	0	0.003	26.46	1.662	0.003	12.1
10/24/2011 4:00	19755	7.509	124.9	7.956	9.95	3.362	122.4	17.91	6.368	57.06	55.46	61.04	58.12	0	0.001	26.45	1.656	-0.006	16.5
10/24/2011 5:00	19756	6.843	111.3	6.43	9.95	3.154	97.6	13.24	6.368	55.16	53.07	66.31	63.77	0	0	26.43	1.656	0	12.05
10/24/2011 6:00	19757	7.51	84.6	11.47	11.74	3.902	78.16	16.41	8.16	54.89	53.35	68.46	65.15	0	0.001	26.42	1.659	0.003	11.98
10/24/2011 7:00	19758	7.679	74.58	7.769	9.95	4.136	67.24	14.92	6.368	53.35	52.03	71.87	67.91	0	0	26.43	1.656	-0.003	12.03
10/24/2011 8:00	19759	7.246	87.9	11.53	11.74	3.769	80.8	16.8	6.368	52.04	50.56	76.88	72.63	0	0.511	26.43	1.656	0	16.49
10/24/2011 9:00	19760	8.79	114.4	10.48	13.52	4.949	114.7	19.68	9.95	54.69	54.12	77.91	72.81	0	71.71	26.45	9.44	7.78	12.06
10/24/2011 10:00	19761	11.19	135.6	10.52	18.89	7.074	139.7	18.62	13.52	60.92	61.94	70.81	63.89	0	270.4	26.49	9.43	-0.003	12.03
10/24/2011 11:00	19762	13.29	156.2	11.85	20.68	8.2	161.3	18.4	17.1	68.02	69.69	58.67	51.77	0	463.9	26.55	9.43	0	12.19
10/24/2011 12:00	19763	16.33	175.1	14.17	26.05	10.31	180.7	19.62	18.89	74.44	76.43	46.41	39.94	0	621.4	26.59	9.44	0.003	12.26
10/24/2011 13:00	19764	16.15	178.3	12.54	27.84	10.39	183.7	17.85	18.89	77.97	80.3	37.63	31.4	0	726.7	26.61	9.44	-0.001	12.19
10/24/2011 14:00	19765	16.41	177.4	12.99	26.05	10.64	183.3	18.39	20.68	81.1	83.5	28.67	22.98	0	771.4	26.59	9.42	-0.017	12.32
10/24/2011 15:00	19766	16.08	183.9	12.42	26.05	10.48	190.2	17.95	18.89	82.2	84.8	25.58	19.93	0	745.6	26.57	9.39	-0.026	16.8
10/24/2011 16:00	19767	16.91	174.7	11.89	26.05	10.82	180.1	18.41	20.68	82.6	84.9	25.74	20.22	0	652.2	26.54	9.36	-0.028	12.81
10/24/2011 17:00	19768	15.77	171.8	11.5	26.05	9.91	177.4	18.01	18.89	83.6	85.4	22.8	17.72	0	503	26.52	9.34	-0.028	12.33
10/24/2011 18:00	19769	15.54	172.1	11.7	26.05	9.75	177.5	18.34	20.68	83.8	85	19.96	15.39	0	313.6	26.5	9.3	-0.035	12.34
10/24/2011 19:00	19770	13.56	164.1	9.74	22.47	7.969	169	16.44	17.1	81.8	81.8	20.58	16.64	0	104.2	26.48	9.27	-0.031	14.36
10/24/2011 20:00	19771	9.96	149	7.697	15.31	5.179	152.6	14.51	9.95	75.7	74.14	25.63	22.53	0	1.519	26.46	9.25	-0.022	12.26
10/24/2011 21:00	19772	9.55	137.4	7.124	13.52	4.896	140.6	15.96	8.16	71.41	69.55	30.09	27.17	0	0.019	26.44	9.24	-0.013	12.27
10/24/2011 22:00	19773	10.12	146.8	7.905	15.31	5.435	150.5	14.92	9.95	69.54	68.15	34.74	31.36	0	0.017	26.43	9.22	-0.016	12.23
10/24/2011 23:00	19774	12.97	156.6	8.7	22.47	7.383	161.4	15.99	17.1	69.97	68.88	37.55	33.91	0	0.018	26.43	9.21	-0.01	13.48
10/25/2011 0:00	19775	15.45	164.8	9.23	26.05	8.96	169.8	16.73	18.89	70.12	69.49	41.81	37.68	0	0.027	26.43	9.2	-0.013	12.05
10/25/2011 1:00	19776	13.15	172.7	9.21	29.63	7.701	179	16.22	17.1	68.17	67.46	48.84	44.7	0	0.022	26.42	9.19	-0.013	12.16
10/25/2011 2:00	19777	9.71	177.4	9.33	15.31	5.671	183.3	16.04	11.74	66.12	65.24	55.11	51.23	0	0.014	26.41	9.18	-0.01	11.91
10/25/2011 3:00	19778	10.02	187.9	9.04	17.1	6.056	194	14.61	11.74	64.84	64.06	59.07	55.06	0	0.008	26.39	9.17	-0.006	12.06
10/25/2011 4:00	19779	8.33	189.8	8.93	15.31	4.835	195.6	14.17	11.74	63.2	62.26	63.44	59.64	0	0.008	26.38	9.16	-0.006	12.91
10/25/2011 5:00	19780	6.788	212.8	24.05	11.74	3.589	219	27.11	8.16	60.92	59.83	67.61	63.9	0	0.006	26.37	9.16	-0.003	12.05
10/25/2011 6:00	19781	3.93	231.8	16.96	8.16	0.691	269	17.44	2.789	58.07	56.04	72.01	69.6	0	0	26.35	9.16	-0.002	16.61
10/25/2011 7:00	19782	4.605	204.2	27.21	8.16	1.438	207.6	36.96	6.368	57.9	55.7	72.4	70.51	0	0.001	26.33	9.15	-0.005	16.53
10/25/2011 8:00	19783	3.674	195.4	17.4	6.368	0.277	181.3	13.79	2.789	56.38	54.45	75.19	72.96	0	0.366	26.33	9.15	0	12.67
10/25/2011 9:00	19784	4.413	246.5	23.45	9.95	1.563	272.7	22.4	8.16	57.15	55.62	73.79	70.53	0	62.08	26.33	9.15	-0.006	12.03
10/25/2011 10:00	19785	5.385	220.9	16.29	11.74	3.593	225.6	18.75	9.95	61.72	62.35	65.94	59.49	0	223.3	26.38	9.14	-0.003	16.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/25/2011 11:00	19786	7.094	214.4	10.41	11.74	4.865	218.6	13.95	9.95	65.45	66.13	57.6	51.81	0	255.5	26.42	9.14	-0.001	12.23
10/25/2011 12:00	19787	9.32	217.8	13.01	15.31	6.426	221.3	16.96	11.74	73.53	75.19	43.81	37.67	0	615.1	26.46	9.14	-0.003	14.47
10/25/2011 13:00	19788	11.08	232.7	22.57	18.89	7.777	235.9	25.24	15.31	80.3	82	34.21	28.53	0	707.2	26.49	9.14	-0.005	12.32
10/25/2011 14:00	19789	11.67	248.7	14.16	22.47	8.28	251.3	18.94	17.1	83.9	85.2	30.37	25.07	0	749.4	26.47	9.13	-0.01	12.25
10/25/2011 15:00	19790	10.83	250.7	24.13	20.68	7.195	252.8	27.9	15.31	85.8	87.6	27.29	21.72	0	721.8	26.45	9.11	-0.016	12.26
10/25/2011 16:00	19791	10.3	223.6	26.98	24.26	7.199	228.9	30.67	22.47	87.3	89	25.07	19.77	0	615.8	26.42	9.09	-0.022	12.29
10/25/2011 17:00	19792	13.72	245.6	15.19	27.84	9.42	250	19.51	24.26	87.6	88.3	21.59	17.07	0	431.2	26.39	9.07	-0.022	12.62
10/25/2011 18:00	19793	11.94	251.8	17.01	22.47	8.36	255.7	19.22	17.1	87.5	88.1	20.89	16.48	0	247.9	26.37	9.04	-0.022	16.04
10/25/2011 19:00	19794	7.569	237.4	14.91	20.68	4.458	239	19.25	17.1	85.2	84.8	24.51	20.82	0	78.84	26.35	9.01	-0.031	12.16
10/25/2011 20:00	19795	5.141	237	10.69	8.16	1.025	237	11.34	4.578	79.09	75.54	29.2	28.51	0	1.392	26.33	9	-0.018	16.62
10/25/2011 21:00	19796	2.077	235.5	18.03	6.368	0.421	95.9	15.7	2.789	74.74	71	33.85	33.11	0	0.016	26.31	8.99	-0.008	16.37
10/25/2011 22:00	19797	6.573	253.6	12.87	13.52	3.175	253.5	14.54	9.95	72.78	70.22	37.76	35.79	0	0.018	26.3	8.97	-0.015	16.68
10/25/2011 23:00	19798	7.16	266.4	54.37	18.89	4.112	280.9	58.29	13.52	72.93	71.19	38.52	35.93	0	0.023	26.29	8.96	-0.009	12.88
10/26/2011 0:00	19799	9.84	167.8	9.55	17.1	5.433	171.2	16.68	13.52	72.77	71.63	41.38	37.88	0	0.028	26.31	8.95	-0.01	16.45
10/26/2011 1:00	19800	9.99	176.2	10.32	17.1	5.866	181.2	16.36	11.74	71.19	70.51	47.3	43.24	0	0.039	26.31	8.94	-0.01	15.13
10/26/2011 2:00	19801	7.691	180.6	9.44	13.52	4.301	186.7	15.7	9.95	69.24	68.5	52.4	48.4	0	0.033	26.3	8.94	-0.009	12.05
10/26/2011 3:00	19802	4.98	186.5	13.86	9.95	2.003	191.4	15.75	8.16	67.62	66.34	56.08	52.87	0	0.022	26.29	8.93	-0.006	12.71
10/26/2011 4:00	19803	4.894	201.7	13.71	8.16	1.033	200.8	10.74	4.578	65.08	62.36	60.08	58.97	0	0.009	26.27	8.92	-0.006	16.11
10/26/2011 5:00	19804	1.515	223.4	25.39	4.578	0.374	69.59	27.44	2.789	62.55	59.87	63.97	62.56	0	0.003	26.25	8.92	-0.003	12.07
10/26/2011 6:00	19805	1.491	222.9	36.76	6.368	0.464	16.81	34.69	4.578	61.57	58.51	65.43	64.45	0	0.003	26.24	8.92	-0.002	12.07
10/26/2011 7:00	19806	1.988	188.3	8.52	4.578	0.331	141.7	20.67	4.578	60.85	58.18	66.52	65.2	0	0.005	26.24	8.91	-0.004	12.26
10/26/2011 8:00	19807	4.965	288.7	32.04	8.16	2.584	314.7	9.73	6.368	61.02	58.96	65.97	63.81	0	0.46	26.25	8.91	-0.003	16.42
10/26/2011 9:00	19808	4.451	284.1	22.01	8.16	1.081	304.2	11.75	4.578	61.09	58.75	65.78	64.4	0	34.95	26.26	8.91	0	12.12
10/26/2011 10:00	19809	11.14	5.933	28.45	22.47	6.72	13.19	20.04	17.1	61.94	61.65	56.7	52.55	0	178.6	26.3	8.9	-0.007	12.18
10/26/2011 11:00	19810	15.68	32.13	13.14	26.05	8.77	34.13	14.8	18.89	59.73	60.55	48.63	42.93	0	455.9	26.34	8.9	-0.006	13.19
10/26/2011 12:00	19811	14.76	38.03	13.14	22.47	8.6	38.96	16	17.1	61.64	62.82	46.81	40.78	0	619.7	26.37	8.88	-0.015	14.61
10/26/2011 13:00	19812	12.92	43.13	13.36	20.68	7.544	42.87	16.39	15.31	65.12	66.65	43.53	37.33	0	717	26.38	8.87	-0.013	12.28
10/26/2011 14:00	19813	11.18	53.28	16.26	18.89	7.046	54.12	20.88	13.52	68.34	70.49	39.93	33.43	0	737.4	26.38	8.86	-0.013	12.32
10/26/2011 15:00	19814	10.85	65.14	15.62	18.89	7.192	65.09	21.89	15.31	71	73.38	36.87	30.46	0	710.1	26.35	8.84	-0.013	12.2
10/26/2011 16:00	19815	11.4	70.21	17.4	20.68	7.658	70.85	24.03	17.1	73.2	75.47	34.5	28.34	0	649.6	26.33	8.83	-0.013	12.22
10/26/2011 17:00	19816	12.67	76.56	13.05	20.68	8.27	77.83	20.69	15.31	73.98	76.03	33.62	27.71	0	484	26.31	8.8	-0.025	12.23
10/26/2011 18:00	19817	14.41	76.91	10.51	20.68	9.25	78.53	18.97	17.1	73.42	74.82	33.89	28.44	0	311.2	26.28	8.78	-0.022	12.02
10/26/2011 19:00	19818	14.2	74.6	9.24	24.26	8.65	76.09	17.86	17.1	72.05	72.35	36.35	31.68	0	97.5	26.24	8.76	-0.019	13.63
10/26/2011 20:00	19819	14.59	73.31	9.7	24.26	8.95	74.68	17.67	18.89	68.53	68.16	41.93	37.55	0	1.411	26.22	8.75	-0.014	12.08
10/26/2011 21:00	19820	21.34	81	8.14	34.99	12.86	83.2	17.24	24.26	64.7	64.47	47.66	42.99	0	0.02	26.19	8.72	-0.031	12.04
10/26/2011 22:00	19821	24.43	82.8	7.761	38.57	14.67	84.1	16.69	27.84	60.79	60.68	52.28	47.34	0	0.014	26.18	8.69	-0.025	11.8
10/26/2011 23:00	19822	19.96	68.16	25.6	34.99	12.23	69.38	30.16	24.26	59.51	59.56	54.03	49	0	0.009	26.21	8.68	-0.019	12.07
10/27/2011 0:00	19823	18.16	42.6	15.61	33.21	10.54	43.68	18.15	24.26	54.59	54.48	69.27	64.99	0	0.002	26.24	8.67	-0.001	12.06
10/27/2011 1:00	19824	20.14	45.86	10	38.57	10.95	44.79	14.2	22.47	51.3	51.24	77.46	72.48	0	0	26.24	8.67	-0.002	11.83
10/27/2011 2:00	19825	22.33	53.06	10.03	36.78	13.55	54.36	15.72	29.63	48.3	48.26	81.5	75.83	0	0	26.19	8.67	-0.006	16.39
10/27/2011 3:00	19826	21.92	47.45	11.66	34.99	12.45	48.31	15.79	26.05	46.22	46.22	83.5	77.39	0	0	26.19	8.66	-0.006	13.89
10/27/2011 4:00	19827	23.51	38.24	12.83	38.57	13.05	38.85	15.59	29.63	43.88	43.99	84	77.55	0	0	26.2	8.65	-0.006	12.13
10/27/2011 5:00	19828	22.08	38.78	11.57	34.99	12.26	39.29	13.98	24.26	42.74	42.89	82	75.37	0	0	26.22	8.65	-0.003	11.96
10/27/2011 6:00	19829	18.38	30.76	19.9	34.99	10.4	30.6	23.26	24.26	43.26	43.45	82.4	75.58	0	0	26.23	8.64	-0.016	12.03
10/27/2011 7:00	19830	16.65	30.13	13.62	29.63	9.29	32.67	16.11	18.89	42.09	42.3	85.1	78.3	0	0	26.26	8.64	0	16.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/27/2011 8:00	19831	13.05	17.63	17.37	22.47	7.877	18.29	21.63	18.89	41.05	41.27	88.5	81.9	0.06	0	26.29	8.64	0.007	15.8
10/27/2011 9:00	19832	15.66	24.87	12.87	26.05	8.66	27.44	16.92	18.89	39.92	40.16	88.5	82	0.03	12	26.3	8.67	0.029	12.53
10/27/2011 10:00	19833	11.8	24.62	13.1	22.47	6.686	26.44	17.89	17.1	40.25	40.47	86.5	80.1	0.01	27.21	26.33	8.67	0	12.1
10/27/2011 11:00	19834	12.43	9.73	17.34	18.89	7.614	10.28	21.81	17.1	39.92	40.33	88.1	81.4	0	60.7	26.35	8.67	0.003	15.78
10/27/2011 12:00	19835	14.05	7.027	16.92	22.47	9.32	7.76	18.65	18.89	39.34	39.9	86.5	80.1	0	128.9	26.37	8.67	0	13.21
10/27/2011 13:00	19836	15.68	356.8	12.94	24.26	11.08	358.2	13.49	18.89	39.64	40.12	83.8	77.81	0	95.6	26.38	8.67	0	16.54
10/27/2011 14:00	19837	15.98	4.509	13.04	22.47	11.27	5.274	15.01	20.68	39.49	39.99	82.6	76.34	0	122.6	26.38	8.67	-0.001	14.11
10/27/2011 15:00	19838	14.59	17.3	13.21	24.26	8.86	19.32	17.49	18.89	39.99	40.51	80	73.62	0	183.7	26.36	8.67	0	11.96
10/27/2011 16:00	19839	13.49	24.01	12.65	22.47	7.79	26.97	16.46	17.1	40.5	41.08	77.81	71.43	0	212.5	26.36	8.67	-0.001	16.28
10/27/2011 17:00	19840	11.8	17.95	13.17	18.89	7.401	19.67	18.09	17.1	41.2	41.75	76.84	70.44	0	136.1	26.37	8.67	0	15.01
10/27/2011 18:00	19841	9.18	28.4	14.02	17.1	5.471	28.73	17.25	11.74	42.46	43.07	74.69	68.5	0	174.2	26.37	8.68	0.002	11.92
10/27/2011 19:00	19842	8.85	22.6	14.83	15.31	5.529	24.18	18.65	11.74	42.71	43.19	74.63	68.57	0	46.52	26.39	8.67	-0.003	12.1
10/27/2011 20:00	19843	7.234	16.35	14.5	11.74	4.662	17.26	18.32	11.74	42.88	43.27	75.2	69.27	0	0.947	26.4	8.67	0.001	14.77
10/27/2011 21:00	19844	7.906	17.37	14.14	13.52	4.944	19.3	17.3	11.74	42.9	43.28	74.77	68.87	0	0	26.41	8.68	0.003	12.06
10/27/2011 22:00	19845	7.391	21.46	15.96	13.52	4.507	23.83	19.45	9.95	42.42	42.82	74.1	68.27	0	0	26.42	8.67	-0.003	12.04
10/27/2011 23:00	19846	7.092	22.07	24.72	11.74	4.457	22.56	28.77	8.16	42.12	42.57	75.02	69.27	0	0	26.43	8.67	0	13.13
10/28/2011 0:00	19847	7.657	7.394	19.84	15.31	5.137	7.65	22.55	9.95	41.62	42.1	74.81	68.97	0	0.001	26.43	8.67	0	14.46
10/28/2011 1:00	19848	7.219	8.87	16.45	17.1	4.955	9.55	19.22	11.74	41.24	41.74	75.02	69.03	0	0	26.43	8.67	0	13.11
10/28/2011 2:00	19849	5.923	5.833	19.41	11.74	3.978	5.635	21.51	11.74	41.37	41.86	75.86	69.83	0	0	26.43	8.67	0	15.32
10/28/2011 3:00	19850	5.364	14.52	21.43	11.74	3.406	15.58	22.2	9.95	41.11	41.59	75.67	69.73	0	0	26.43	8.67	0	11.95
10/28/2011 4:00	19851	5.17	328.4	20.87	9.95	3.776	330.4	22.16	6.368	40.91	41.44	75.69	69.83	0	0	26.44	8.67	-0.003	16.05
10/28/2011 5:00	19852	5.026	309.2	14.17	9.95	3.695	311.4	16.55	8.16	41.43	41.93	74.35	68.84	0	0	26.43	8.67	0	12.02
10/28/2011 6:00	19853	6.009	333.6	13.34	11.74	4.406	336.1	15.62	8.16	41.73	42.23	73.83	68.41	0	0	26.43	8.67	0	11.94
10/28/2011 7:00	19854	6.254	0.107	17.81	11.74	4.308	2.904	20.77	9.95	41.89	42.37	72.96	67.35	0	0	26.44	8.67	-0.003	14.47
10/28/2011 8:00	19855	6.863	36.74	14.19	11.74	3.822	37.65	17.19	8.16	41.98	42.39	73.55	67.95	0	0.13	26.46	8.67	0	15.48
10/28/2011 9:00	19856	6.081	23.87	22.06	9.95	3.718	25.79	23.81	8.16	42.91	43.27	72.41	66.63	0	69.43	26.48	8.66	-0.003	15.58
10/28/2011 10:00	19857	5.071	3.319	23.82	9.95	3.614	1.658	24.04	8.16	45.05	45.8	68.14	61.66	0	271.6	26.53	8.66	-0.001	16.44
10/28/2011 11:00	19858	5.96	2.001	26.59	13.52	4.326	2.973	29.41	9.95	47.09	48.26	62.33	55.88	0	477.5	26.6	8.66	0	11.98
10/28/2011 12:00	19859	7.765	21.15	21.87	17.1	5.27	21.52	24.17	11.74	48.87	50.03	57.56	51.29	0	638.6	26.64	8.66	-0.003	11.97
10/28/2011 13:00	19860	8.08	21.14	21.07	15.31	5.247	22.85	24.41	13.52	50.98	52.43	54.07	47.45	0	738.4	26.66	8.66	-0.004	14.33
10/28/2011 14:00	19861	8.16	21.56	24.99	13.52	5.602	22.61	26.57	13.52	52.68	54.08	52.58	46.03	0	779.6	26.65	8.65	-0.004	11.96
10/28/2011 15:00	19862	5.079	9.69	50.51	11.74	3.798	6.711	47.96	9.95	56.13	57	48.89	43.01	0	751.7	26.63	8.64	-0.008	11.98
10/28/2011 16:00	19863	4.4	358.5	69.6	11.74	3.503	353.8	65.87	9.95	57.92	58.46	46.43	40.98	0	658.7	26.63	8.64	-0.003	16.4
10/28/2011 17:00	19864	4.319	78.4	62.37	11.74	3.27	83.6	65.32	8.16	59.17	59.91	44.83	39.76	0	506.2	26.63	8.63	-0.01	15.55
10/28/2011 18:00	19865	4.39	5.718	37.48	9.95	3.009	7.487	38.41	8.16	58.65	59.28	44.81	39.36	0	316.1	26.62	8.62	-0.006	12.35
10/28/2011 19:00	19866	5.449	18.72	22.38	9.95	3.525	19.8	24.39	8.16	56.7	56.91	47.91	42.92	0	101.7	26.6	8.62	-0.007	12.22
10/28/2011 20:00	19867	4.718	54.26	12.21	8.16	2.307	67.07	18.11	6.368	52.88	51.75	55.21	53.08	0	1.414	26.57	8.61	-0.006	14.78
10/28/2011 21:00	19868	5.524	64.2	3.857	6.368	3.055	70.42	12.2	6.368	50.37	48.47	56.49	56.3	0	0	26.54	8.61	-0.004	12.06
10/28/2011 22:00	19869	5.832	66.7	7.499	9.95	3.048	65.57	12.6	6.368	48.63	46.72	55.75	56.13	0	0	26.53	8.6	-0.006	12.02
10/28/2011 23:00	19870	6.288	104.4	11.39	8.16	2.485	87.8	10.49	4.578	46.82	42.99	53.26	59.84	0	0	26.52	8.6	-0.004	12.08
10/29/2011 0:00	19871	4.375	126.5	53.07	8.16	1.686	87.7	51.73	4.578	44.92	41.71	53.49	56.9	0	0	26.51	8.59	-0.005	16.51
10/29/2011 1:00	19872	2.377	280.4	12.41	4.578	0.441	317.2	11.83	2.789	45.29	41.49	52.46	58.57	0	0	26.49	8.59	0	12.05
10/29/2011 2:00	19873	4.281	330.2	19.16	8.16	0.817	345.8	13.71	6.368	43.37	40.82	70.6	68.02	0	0	26.48	8.59	-0.006	14.93
10/29/2011 3:00	19874	2.51	352.7	32.32	8.16	0.5	310.7	31.72	4.578	41.61	39.67	82.2	78.27	0	0	26.49	8.58	-0.003	12.03
10/29/2011 4:00	19875	3.505	31.93	9.63	6.368	1.25	46.65	13.93	4.578	42.09	40.67	82.5	78.52	0	0	26.47	8.58	0	12.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
10/29/2011 5:00	19876	4.017	59.12	11.73	6.368	1.841	71.74	9.17	4.578	41.24	38.3	84.6	80.8	0	0	26.45	8.58	-0.003	15.39	
10/29/2011 6:00	19877	3.696	110.4	19.74	6.368	1.374	73.45	6.248	4.578	42.04	38.74	74.95	80.5	0	0	26.44	8.58	0	15.88	
10/29/2011 7:00	19878	3.677	132.6	10.43	4.578	1.795	83.4	4.707	4.578	41.73	38.56	66.6	71.87	0	0	26.43	8.58	-0.003	16.39	
10/29/2011 8:00	19879	2.905	154.9	9.22	4.578	0.538	91.9	3.472	2.789	39.75	36.87	66.71	68.82	0	0.282	26.42	8.58	0	15.64	
10/29/2011 9:00	19880	3.943	177	15.15	8.16	0.858	179.6	24.42	4.578	38.91	37.41	72.56	69.59	0	62.65	26.42	8.57	-0.003	15.93	
10/29/2011 10:00	19881	6.83	197.8	10.43	13.52	4.636	204.5	14.28	9.95	42.6	43.32	78.61	72.25	0	266.8	26.46	8.57	-0.002	16.49	
10/29/2011 11:00	19882	11.04	188.9	10.29	18.89	7.516	195.4	15.1	15.31	49.06	50.67	68.58	61.64	0	470.2	26.51	8.57	0	12.45	
10/29/2011 12:00	19883	13.4	193.2	12.5	20.68	8.97	199.2	16.69	17.1	52.46	54.67	55.95	48.75	0	630	26.54	8.57	-0.004	12	
10/29/2011 13:00	19884	13.65	197.5	11.86	20.68	9.34	203.4	15.98	18.89	55.72	58.06	46	39.2	0	731.1	26.54	8.56	-0.008	16.67	
10/29/2011 14:00	19885	14.31	202.1	12.1	22.47	9.87	208.2	15.45	18.89	58.57	60.96	37.85	31.57	0	748.7	26.52	8.55	-0.011	14.24	
10/29/2011 15:00	19886	14.34	199.6	12.64	22.47	9.81	204.4	16.23	17.1	61.07	63.42	34.52	28.41	0	719.4	26.48	8.53	-0.016	16.75	
10/29/2011 16:00	19887	14.16	204	12	22.47	9.64	209.4	15.34	17.1	63.07	65.12	32.87	27.02	0	601.4	26.44	8.52	-0.01	12.23	
10/29/2011 17:00	19888	13.99	205.5	11.65	22.47	9.37	210.5	15.13	18.89	64.12	65.51	32.35	27.02	0	404.9	26.42	8.51	-0.016	12.19	
10/29/2011 18:00	19889	12.4	206.3	10.62	20.68	8.24	210.2	14.5	17.1	65.56	66.59	31.37	26.45	0	295.9	26.38	8.49	-0.016	12.3	
10/29/2011 19:00	19890	9.99	198.5	8.29	17.1	6.136	202.4	12.67	13.52	64.95	64.71	32.75	29	0	83.7	26.36	8.47	-0.02	16.14	
10/29/2011 20:00	19891	9.3	192.6	7.121	15.31	4.661	196.1	13.39	9.95	59.57	57.41	38.36	36.81	0	0.953	26.32	8.45	-0.018	16.72	
10/29/2011 21:00	19892	8.23	198.8	7.834	13.52	4.467	202.7	13.08	9.95	57.45	55.95	40.23	37.74	0	0.007	26.3	8.44	-0.012	16.32	
10/29/2011 22:00	19893	1.97	186.1	18.45	8.16	0.711	33.21	47.19	4.578	54.11	51.39	43.92	44.23	0	0.004	26.29	8.44	-0.005	12.05	
10/29/2011 23:00	19894	5.73	193	17.44	11.74	1.899	202.4	21.64	6.368	53.09	49.52	44.87	46.09	0	0.001	26.27	8.43	-0.006	12.06	
10/30/2011 0:00	19895	6.932	206.3	8.01	11.74	3.104	214	13.72	6.368	51.51	49.29	48.94	47.87	0	0.001	26.26	8.43	-0.003	12.19	
10/30/2011 1:00	19896	5.218	220.5	7.114	11.74	1.043	243.6	9.6	4.578	50.04	47	50.7	51.18	0	0	26.26	8.42	-0.003	16.55	
10/30/2011 2:00	19897	4.745	242.2	11.55	8.16	0.778	268.7	15.65	4.578	48.89	45.18	52.3	54.75	0	0	26.25	8.42	-0.002	12.09	
10/30/2011 3:00	19898	4.875	253.9	10.49	6.368	1.91	290.1	16.55	4.578	48.14	44.44	54.25	56.52	0	0	26.24	8.42	-0.003	12.91	
10/30/2011 4:00	19899	5.273	267.9	11.23	8.16	1.839	295	14.79	4.578	45.79	42.37	60.49	62.03	0	0	26.24	8.42	-0.003	16.07	
10/30/2011 5:00	19900	5.725	272.3	11.41	9.95	2.435	295.2	21.45	4.578	44.98	42.23	62.66	63.56	0	0	26.22	8.41	-0.003	15.16	
10/30/2011 6:00	19901	3.425	250.6	19.33	9.95	1.339	242.8	35.17	6.368	45.5	43.27	61.17	60.61	0	0	26.23	8.41	0	16.23	
10/30/2011 7:00	19902	4.346	302	22.61	8.16	1.059	322.9	19.89	4.578	43.96	40.25	67.86	68.32	0	0	26.24	8.41	-0.003	11.99	
10/30/2011 8:00	19903	10.47	312	10.99	17.1	7.235	314.2	14.16	15.31	46.23	45.14	66.49	63.92	0	0.195	26.26	8.41	-0.003	12.08	
10/30/2011 9:00	19904	10.77	329.7	8.75	17.1	7.14	331.3	11.73	11.74	48.65	47.92	58.76	55.45	0	58	26.29	8.41	-0.002	16.63	
10/30/2011 10:00	19905	12.28	6.53	16.92	24.26	8.18	7.684	20.16	17.1	52.8	53.05	55.2	50.15	0	256.5	26.37	8.41	-0.001	16.63	
10/30/2011 11:00	19906	21.07	36.93	12.09	34.99	11.83	37.94	13.8	26.05	57.33	57.93	47.84	42.91	0	453	26.43	8.4	-0.003	12.01	
10/30/2011 12:00	19907	18.91	48.83	12.14	29.63	11.02	48.85	16.9	22.47	61.05	62.12	42.76	37.46	0	613.4	26.47	8.39	-0.008	16.8	
10/30/2011 13:00	19908	14.06	40.24	15.57	24.26	8.44	40.08	18.57	20.68	63.16	64.31	40.59	35.07	0	716.1	26.52	8.39	-0.008	12.31	
10/30/2011 14:00	19909	11.41	39.01	16.55	18.89	6.886	38.56	20.23	15.31	65.23	66.61	38.64	32.93	0	756.8	26.54	8.38	-0.006	12.2	
10/30/2011 15:00	19910	8.37	22.99	23.56	17.1	5.518	22.28	26.57	13.52	67.68	68.92	35.81	30.26	0	725.8	26.54	8.37	-0.01	12.37	
10/30/2011 16:00	19911	9.48	31.48	16.45	17.1	5.872	33.41	20.28	13.52	68.65	69.77	34	28.66	0	633.8	26.55	8.36	-0.01	15.12	
10/30/2011 17:00	19912	9.84	34.98	18.68	17.1	6.175	33.37	22.13	15.31	69.04	70.01	33.13	27.95	0	485.6	26.54	8.35	-0.012	12.31	
10/30/2011 18:00	19913	8.91	31.89	17.98	15.31	5.379	33.04	20.44	11.74	69.11	69.82	32.66	27.74	0	297.4	26.53	8.34	-0.013	12.57	
10/30/2011 19:00	19914	8.79	31.23	12.49	15.31	5.075	32.56	15.35	9.95	66.96	67	34.88	30.46	0	90.2	26.52	8.32	-0.015	12.31	
10/30/2011 20:00	19915	7.561	26.52	10.73	11.74	3.962	30.35	12.54	8.16	62.02	61.66	40.48	36.21	0	1.12	26.51	8.31	-0.014	16.52	
10/30/2011 21:00	19916	7.67	34.08	8.97	11.74	3.883	33.1	11.21	8.16	58.61	57.94	44.99	41.03	0	0.01	26.5	8.3	-0.006	12.07	
10/30/2011 22:00	19917	7.921	37.23	11.12	13.52	4.131	34.2	13.77	9.95	56.51	55.9	49.41	45.28	0	0.005	26.49	8.29	-0.011	16.59	
10/30/2011 23:00	19918	7.208	47.69	11.33	11.74	4.102	49.37	17.79	9.95	54.73	53.88	53.81	49.95	0	0.003	26.49	8.28	-0.005	14.22	
10/31/2011 0:00	19919	8.31	57.49	7.852	11.74	4.995	62.49	15.11	9.95	53.08	52.14	57.15	53.39	0	0.002	26.5	8.28	-0.006	12.06	
10/31/2011 1:00	19920	6.735	63.6	7.127	9.95	3.288	69.53	14.6	6.368	50.4	48.5	61.87	59.64	0	0.001	26.48	8.27	-0.006	12.18	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/31/2011 2:00	19921	6.213	63.91	7.241	9.95	2.967	65.28	11.87	6.368	49.55	47.23	63.7	62.28	0	0.001	26.46	8.27	-0.003	16.69
10/31/2011 3:00	19922	6.6	72.13	6.251	9.95	3.304	67.86	12.37	6.368	48.51	46.22	65.71	64.23	0	0	26.45	8.25	-0.022	15.84
10/31/2011 4:00	19923	5.785	64.53	7.869	8.16	2.749	64.84	11.06	6.368	47.77	45.56	67.67	65.98	0	0	26.44	8.24	-0.002	13.48
10/31/2011 5:00	19924	4.136	54.5	7.636	6.368	0.89	67.15	23.52	4.578	47.05	43.33	69.48	69.5	0	0	26.42	8.24	-0.003	16.46
10/31/2011 6:00	19925	3.417	16.86	85.1	6.368	0.759	170.9	51.91	4.578	45.42	40.04	72.32	73	0	0	26.4	8.24	0.001	15.66
10/31/2011 7:00	19926	2.167	351.9	16.42	4.578	0.321	18.6	15.86	4.578	44.36	38.94	74.63	75.61	0	0	26.39	8.24	-0.003	15.66
10/31/2011 8:00	19927	1.575	1.739	16.51	4.578	0.133	90.2	8.33	2.789	44.23	38.06	75.13	76.86	0	0.208	26.38	8.24	-0.003	16.1
10/31/2011 9:00	19928	0.907	290.8	14.31	4.578	0.139	205.1	8.14	2.789	44.01	38.74	75.8	76.25	0	57.96	26.39	8.24	0	11.98
10/31/2011 10:00	19929	1.895	286.7	36.78	6.368	0.914	280.1	29.9	4.578	51.18	51.13	65.94	60.57	0	255.6	26.45	8.23	-0.003	12.05
10/31/2011 11:00	19930	7.168	174	16.05	11.74	4.991	179.2	22.26	9.95	56.92	58.48	55.51	49.02	0	452	26.53	8.23	-0.003	14.94
10/31/2011 12:00	19931	6.382	198.7	20.53	11.74	4.697	205.7	23.62	9.95	61.7	63.34	48.3	41.83	0	608.5	26.57	8.23	-0.003	12
10/31/2011 13:00	19932	7.048	210	18.08	13.52	5.151	217.6	22.32	9.95	65.95	67.65	41.35	35.12	0	710.7	26.59	8.23	0	11.85
10/31/2011 14:00	19933	8.49	201	17.14	17.1	6.125	206	21.35	11.74	69.11	71.24	34.88	28.84	0	752.8	26.57	8.22	-0.007	16.68
10/31/2011 15:00	19934	10	189.8	18.1	18.89	7.014	195.9	22.08	13.52	71.47	73.85	29.39	23.62	0	726	26.54	8.21	-0.01	12.08
10/31/2011 16:00	19935	10.46	193.8	16.57	18.89	7.28	200.1	20.12	15.31	73.38	75.42	24.54	19.21	0	634.9	26.51	8.2	-0.016	16.63
10/31/2011 17:00	19936	11.79	193.7	16.28	20.68	8.04	199.3	20.33	15.31	73.96	75.59	21.87	16.9	0	487.9	26.49	8.18	-0.016	12.29
10/31/2011 18:00	19937	11.6	184	13.69	18.89	7.605	189.4	18.17	15.31	73.71	74.89	21.53	16.92	0	300.5	26.46	8.16	-0.024	13.24
10/31/2011 19:00	19938	9.04	180.4	8.98	17.1	5.229	184.4	15.79	13.52	71.54	71.13	23.03	19.54	0	91.8	26.43	8.14	-0.013	16.57
10/31/2011 20:00	19939	5.132	156.2	7.886	8.16	1.282	124.4	13.22	2.789	64.57	60.92	28.82	28.21	0	1.08	26.39	8.14	-0.007	12.01
10/31/2011 21:00	19940	5.811	153.4	7.679	8.16	1.378	121.8	11.45	2.789	60.26	56.2	34.05	33.87	0	0.003	26.36	8.13	-0.006	12.08
10/31/2011 22:00	19941	6.701	160.8	7.023	9.95	1.864	161.4	15.48	6.368	59.54	55.53	38.91	38.58	0	0.002	26.34	8.13	-0.004	12.29
10/31/2011 23:00	19942	4.529	175.7	9.99	8.16	0.569	203.8	8.83	2.789	55.81	53.03	49.3	47.39	0	0.001	26.33	8.12	-0.003	16.15
11/1/2011 0:00	19943	4.271	177.7	12.28	8.16	0.448	188.3	11.34	4.578	54.71	51.59	59.32	58.1	0	0	26.32	8.12	-0.003	11.97
11/1/2011 1:00	19944	6.585	178.4	9.12	9.95	2.872	189	14.59	8.16	55.61	53.24	66.38	64.53	0	0.001	26.31	8.11	-0.006	12.15
11/1/2011 2:00	19945	5.866	175.8	7.839	9.95	2.072	182	12.62	4.578	54.27	51.92	71.91	69.96	0	0.001	26.3	8.11	0	16.56
11/1/2011 3:00	19946	4.782	170.2	10.34	8.16	0.995	174.9	10.4	4.578	52.5	49.99	77.7	75.84	0	0	26.29	8.11	-0.003	12.05
11/1/2011 4:00	19947	4.831	172.4	12.27	8.16	1.475	173.3	15.39	6.368	51.42	49.14	81.2	78.94	0	0	26.28	8.11	-0.003	12.1
11/1/2011 5:00	19948	5.602	182.5	9.8	9.95	2.011	186.3	11.71	6.368	50.71	48.56	83.1	80.3	0	0	26.27	8.11	0	12.29
11/1/2011 6:00	19949	5.918	187.8	9.01	9.95	2.251	192.5	12.73	6.368	50.4	48.28	84.7	81.6	0	0	26.26	8.11	0	12.01
11/1/2011 7:00	19950	4.795	196.1	7.491	8.16	0.675	198.7	5.777	4.578	49.14	46.29	86.8	83.9	0	0	26.26	8.11	-0.003	12.01
11/1/2011 8:00	19951	3.185	208.2	10.8	6.368	0	0	0	0	48.15	45.17	89.1	85.4	0	0.133	26.25	8.11	0	12.21
11/1/2011 9:00	19952	3.304	252.8	14.11	6.368	0.741	301	7.74	2.789	49.1	46.13	89.2	86.6	0	56.22	26.25	8.1	-0.003	13.77
11/1/2011 10:00	19953	5.222	226.1	21.09	11.74	3.275	229	23.7	8.16	53.63	53.81	81.8	76.74	0	249.1	26.3	8.1	-0.002	15.2
11/1/2011 11:00	19954	9.37	204.3	10.12	15.31	6.52	210.1	14.85	11.74	59.1	60.4	68.42	61.28	0	440.4	26.37	8.1	0.001	12.24
11/1/2011 12:00	19955	8.41	203.7	11.84	13.52	6.096	209.4	16.18	9.95	65.33	67.1	53.53	46.67	0	594.9	26.41	8.1	-0.003	12.18
11/1/2011 13:00	19956	8.16	203.6	15.57	13.52	5.928	207.8	20.09	11.74	71.06	72.95	41.27	35.09	0	696.3	26.42	8.1	0	16.73
11/1/2011 14:00	19957	9.47	206.6	15.3	17.1	6.734	211.6	19.28	15.31	75.89	77.95	31.38	25.71	0	736.4	26.42	8.09	-0.007	12.29
11/1/2011 15:00	19958	11.77	208.9	13.3	20.68	8.13	214.4	17.46	15.31	78.86	81	25.72	20.28	0	708.3	26.39	8.08	-0.013	12.25
11/1/2011 16:00	19959	11.34	202	15.53	20.68	7.873	207.5	18.88	15.31	80.5	82.4	23.53	18.31	0	616.6	26.37	8.06	-0.016	16.55
11/1/2011 17:00	19960	12.74	191.9	13.58	20.68	8.5	197.7	17.92	15.31	81.8	83.4	22.32	17.35	0	469.2	26.35	8.04	-0.019	12.29
11/1/2011 18:00	19961	14.47	191.1	11.3	22.47	9.3	196.6	16.36	17.1	81.9	82.8	21.27	16.77	0	285.9	26.33	8.02	-0.025	12.51
11/1/2011 19:00	19962	11.45	173.8	12.8	18.89	6.66	178.6	18.81	13.52	79.7	79.25	25.17	21.47	0	83.3	26.3	8	-0.018	12.35
11/1/2011 20:00	19963	12.17	153.6	8.42	20.68	6.724	158.1	15.3	13.52	73.96	72.81	34.41	31.03	0	0.886	26.28	7.985	-0.016	12.48
11/1/2011 21:00	19964	13.17	147.9	7.779	22.47	7.462	152.2	15.51	15.31	69.89	68.94	40.24	36.59	0	0.04	26.26	7.974	-0.011	12.12
11/1/2011 22:00	19965	13.68	150.8	8.79	22.47	7.856	155.3	16.08	15.31	67.14	66.23	46.83	43.03	0	0.029	26.24	7.962	-0.012	12.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/1/2011 23:00	19966	15.19	165.1	9.72	24.26	9.07	170.6	16.58	17.1	65.66	64.95	54.15	50.14	0	0.024	26.23	7.949	-0.013	11.84
11/2/2011 0:00	19967	12.94	175.8	9.16	20.68	7.716	181.9	16.13	15.31	63.55	62.8	58.96	54.97	0	0.023	26.23	7.94	-0.01	16.73
11/2/2011 1:00	19968	12.52	181.4	9.49	31.42	7.581	187.4	16.48	18.89	62.11	61.4	62.34	58.27	0	0.015	26.22	7.93	-0.01	14.86
11/2/2011 2:00	19969	8.64	189.2	8.54	15.31	4.938	195.1	14.44	11.74	59.77	58.75	66.59	62.92	0	0.01	26.21	7.895	-0.035	12.07
11/2/2011 3:00	19970	6.836	182.4	8.73	11.74	3.316	187.2	15.48	8.16	57.45	55.9	70.55	67.64	0	0.002	26.2	7.896	0.001	12.03
11/2/2011 4:00	19971	5.776	191.8	10.66	9.95	2.529	199.3	13.55	6.368	55.63	53.64	73.89	71.56	0	0.001	26.18	7.895	-0.002	12.15
11/2/2011 5:00	19972	5.689	193.1	9.23	9.95	1.784	190.6	12.75	6.368	54.33	51.65	76.21	74.9	0	0	26.17	7.891	-0.003	12
11/2/2011 6:00	19973	5.363	200.4	15.82	9.95	1.529	196.4	14.35	4.578	53.23	50.3	78.8	77.74	0	0.001	26.17	7.891	0	16.47
11/2/2011 7:00	19974	4.041	198.6	15.17	8.16	0.684	196.8	23.93	4.578	51.47	48.64	82.3	80.6	0	0.001	26.16	7.889	-0.003	12.11
11/2/2011 8:00	19975	5.29	180.9	11.39	9.95	0.944	163	15.8	4.578	49.96	46.6	84.5	82.9	0	0.127	26.16	7.889	0.001	11.96
11/2/2011 9:00	19976	4.188	213.5	41.02	8.16	0.995	237	45.24	4.578	49.65	47.27	85.4	83.3	0	54.7	26.18	7.886	-0.003	11.99
11/2/2011 10:00	19977	4.761	241	24.01	9.95	3.209	245	26.29	8.16	54.39	54.74	78.72	71.97	0	250.3	26.25	7.884	-0.002	11.87
11/2/2011 11:00	19978	6.413	232.4	19.8	11.74	4.572	235.6	22.13	8.16	61.72	62.76	61.06	54.62	0	446.9	26.33	7.881	-0.003	12.33
11/2/2011 12:00	19979	17.16	326.1	59.48	36.78	11.67	329.9	58.74	31.42	64.73	65.66	44.93	39.31	0	593.6	26.42	7.88	-0.001	13.03
11/2/2011 13:00	19980	24.33	7.495	13.33	38.57	16.54	8.39	16.27	31.42	57.29	58.32	48.75	42.41	0	690.4	26.46	7.862	-0.018	12.17
11/2/2011 14:00	19981	24.98	1.792	13.17	42.15	17.57	2.92	15.72	33.21	57.55	58.75	44.17	37.94	0	721.6	26.48	7.85	-0.011	12.06
11/2/2011 15:00	19982	29.15	359.6	11.2	45.73	20.61	359.5	14.47	38.57	56.54	57.81	41	34.83	0	698.3	26.5	7.831	-0.019	16.5
11/2/2011 16:00	19983	27.06	3.368	12.44	42.15	18.49	4.011	15.85	34.99	54.79	55.91	39.85	33.82	0	588.6	26.52	7.813	-0.019	16.48
11/2/2011 17:00	19984	26.25	5.822	12.5	42.15	18.15	6.72	15.47	34.99	53.68	54.44	37.74	32.16	0	427.1	26.54	7.787	-0.025	12.01
11/2/2011 18:00	19985	24.28	11.49	13.89	42.15	16.03	12.27	17.6	31.42	52.2	52.71	37.67	32.39	0	223.1	26.55	7.771	-0.016	12.11
11/2/2011 19:00	19986	21.26	18.06	12.48	36.78	12.98	19.99	16.63	27.84	48.88	49.09	41.39	36.2	0	52.33	26.57	7.758	-0.013	11.79
11/2/2011 20:00	19987	16.81	21.95	12.48	29.63	9.91	23.57	16.49	22.47	46.17	46.27	45	39.8	0	0.732	26.58	7.742	-0.016	15.68
11/2/2011 21:00	19988	16.34	22.73	12.41	33.21	9.56	24.3	16.08	24.26	44.31	44.38	46.84	41.59	0	0	26.61	7.734	-0.009	14.92
11/2/2011 22:00	19989	12.11	28.29	12.46	20.68	6.992	29.51	15.05	17.1	42.01	42.01	50.37	45.07	0	0	26.62	7.728	-0.005	15.93
11/2/2011 23:00	19990	11.67	33.25	12.87	24.26	6.67	34.29	15.09	18.89	40.33	40.26	53.84	48.55	0	0	26.63	7.723	-0.006	16.46
11/3/2011 0:00	19991	12.2	26.67	12.35	24.26	6.977	28.72	15.09	17.1	38.93	38.9	56.26	50.83	0	0	26.64	7.716	-0.006	12.03
11/3/2011 1:00	19992	6.355	19.91	14.69	11.74	3.953	20.54	17.85	8.16	37.18	37.13	59.41	53.91	0	0	26.64	7.71	-0.006	14.71
11/3/2011 2:00	19993	6.922	346.5	13.26	11.74	4.508	345.2	14.98	9.95	34.87	34.5	64.04	58.79	0	0	26.62	7.704	-0.006	12.71
11/3/2011 3:00	19994	7.197	336.2	12.63	13.52	5.097	335.7	14.62	9.95	34.22	33.9	65.9	60.66	0	0	26.61	7.702	-0.002	16.63
11/3/2011 4:00	19995	7.082	318.4	12.65	11.74	4.449	321.1	15.43	9.95	32.21	31.53	70.26	65.05	0	0	26.6	7.7	-0.002	15.39
11/3/2011 5:00	19996	6.778	312.3	11.44	9.95	4.096	314.2	15.61	8.16	30.43	29.26	73.34	68.83	0	0	26.59	7.697	-0.003	12.17
11/3/2011 6:00	19997	7.657	323.1	5.171	9.95	5.135	323.2	8.34	8.16	30.48	29.89	72.76	67.73	0	0	26.58	7.697	0	12.23
11/3/2011 7:00	19998	8.25	330.8	6.173	11.74	5.584	333.9	10.52	9.95	31.06	30.47	72.25	67.2	0	0	26.58	7.697	0	12.21
11/3/2011 8:00	19999	7.95	328.3	7.399	11.74	5.092	328.5	12.71	8.16	30.85	30.07	72.66	68	0	0.139	26.58	7.694	-0.003	12.23
11/3/2011 9:00	20000	8.16	320.9	5.011	11.74	5.601	321.1	7.809	8.16	31.48	30.73	70.85	66.11	0	55.72	26.59	7.694	0	12.24
11/3/2011 10:00	20001	7.152	311.1	12.47	11.74	5.731	315.1	13.71	9.95	36.29	36.57	64.28	57.93	0	261.4	26.64	7.688	-0.006	12.1
11/3/2011 11:00	20002	6.73	304.8	22.17	11.74	5.576	308.8	26	9.95	40.99	41.56	54.17	48.06	0	465.6	26.69	7.689	0.001	12.17
11/3/2011 12:00	20003	4.162	1.868	38.54	9.95	3.11	0.5	36.23	8.16	45.93	46.47	39.46	34.43	0	625.9	26.73	7.686	-0.003	12.06
11/3/2011 13:00	20004	3.818	299.9	89.4	9.95	2.954	287.2	82.6	8.16	50.2	51.04	31.46	26.5	0	725.9	26.75	7.685	-0.001	12.32
11/3/2011 14:00	20005	4.623	246.4	47.75	11.74	3.606	252.4	49.48	9.95	52.47	53.77	28.49	22.97	0	766.7	26.73	7.68	-0.005	12.21
11/3/2011 15:00	20006	6.284	196.8	40.76	17.1	4.52	205.9	44.6	9.95	53.76	55.69	25.1	19.55	0	738.2	26.7	7.664	-0.016	16.44
11/3/2011 16:00	20007	6.901	191	32.53	15.31	4.935	196.7	34.99	11.74	54.7	56.56	23.72	18.24	0	643.5	26.67	7.655	-0.01	12.2
11/3/2011 17:00	20008	6.03	183.4	35.7	13.52	4.355	190.6	39.99	11.74	55.81	57.3	23.81	18.56	0	489	26.63	7.645	-0.01	12.15
11/3/2011 18:00	20009	7.391	177.3	22.04	13.52	5.035	183.9	24.11	9.95	55.32	56.78	23.9	18.75	0	297.1	26.59	7.619	-0.026	12.04
11/3/2011 19:00	20010	6.788	147	10.93	13.52	3.838	151	16.93	9.95	53.05	52.98	25.63	21.78	0	85	26.55	7.61	-0.009	15.39

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/3/2011 20:00	20011	5.858	145.3	15.34	8.16	1.874	122	9.86	4.578	49.55	45.9	28.59	28.21	0	0.714	26.5	7.606	-0.004	12
11/3/2011 21:00	20012	5.824	148.2	10.95	8.16	1.953	110.5	10.01	4.578	47.5	42.73	29.68	30.94	0	0	26.46	7.601	-0.005	12.04
11/3/2011 22:00	20013	6.438	156.2	6.324	9.95	1.843	133.2	17.09	4.578	44.39	40.17	32.32	32.87	0	0	26.44	7.596	-0.005	12.34
11/3/2011 23:00	20014	5.705	138.2	8.83	8.16	2.068	96.8	9.57	6.368	42.72	38.84	34.26	34.57	0	0	26.43	7.593	-0.003	12.03
11/4/2011 0:00	20015	5.402	137.9	6.264	8.16	1.866	91.7	9.26	4.578	41.09	37.51	36.68	36.82	0	0	26.42	7.589	-0.003	11.97
11/4/2011 1:00	20016	5.583	129.1	8.6	13.52	1.673	99.5	15.12	4.578	39.7	36.55	38.94	38.59	0	0	26.39	7.586	-0.003	12.07
11/4/2011 2:00	20017	4.084	141.9	13.6	6.368	0.709	103.2	14.4	2.789	38.58	36.18	40.24	39.03	0	0	26.38	7.583	-0.003	14.68
11/4/2011 3:00	20018	6.006	129.8	9.92	9.95	2.048	124.5	18.78	6.368	39.21	36.73	38.94	37.7	0	0	26.36	7.581	-0.003	16.51
11/4/2011 4:00	20019	7.962	129.1	7.471	11.74	3.933	129	16.49	8.16	40.13	38.68	38.38	35.6	0	0	26.35	7.577	-0.004	16.2
11/4/2011 5:00	20020	7.046	119.9	10.35	9.95	3.467	116.9	18.63	8.16	39.26	37.97	39.52	36.52	0	0	26.34	7.574	-0.003	11.97
11/4/2011 6:00	20021	6.767	105.2	7.15	9.95	3.395	94.9	13.97	6.368	37.57	35.92	41.65	39.19	0	0	26.32	7.574	0	16.48
11/4/2011 7:00	20022	7.059	110.3	11.21	11.74	3.657	105.1	19.6	8.16	37.37	36.14	42.39	39.24	0	0	26.31	7.57	-0.003	12.11
11/4/2011 8:00	20023	7.061	82.7	9.81	9.95	3.92	80.8	15.87	8.16	35.8	35.08	45.11	41.25	0	0.106	26.31	7.567	-0.003	15.57
11/4/2011 9:00	20024	6.668	108.7	15.25	11.74	3.751	105	21.04	8.16	36.48	35.92	44.68	40.66	0	38.28	26.31	7.564	-0.003	12.11
11/4/2011 10:00	20025	8.78	138.2	13.8	18.89	5.572	142.8	21.01	11.74	43.1	43.92	36.12	31.12	0	212	26.34	7.563	-0.001	16.34
11/4/2011 11:00	20026	12.9	161.9	12.89	20.68	8.19	167.3	18.98	15.31	48.62	50.25	30.07	24.68	0	411.6	26.4	7.557	-0.006	15.11
11/4/2011 12:00	20027	12.17	164	14.44	18.89	7.899	169.8	20.14	15.31	52.89	55.15	26.24	20.67	0	566.2	26.43	7.553	-0.005	16.18
11/4/2011 13:00	20028	12.75	160.6	14.15	18.89	8.24	166.6	20.37	15.31	56.46	58.96	23.92	18.33	0	664.2	26.44	7.545	-0.008	12
11/4/2011 14:00	20029	12.33	147.8	15.98	20.68	8.07	153.2	22.76	17.1	60.53	63.28	21.9	16.36	0	698.6	26.42	7.537	-0.007	12.22
11/4/2011 15:00	20030	12.48	159.3	15.55	22.47	8.34	164.6	22.29	17.1	64.09	66.75	20.62	15.16	0	671.1	26.41	7.531	-0.006	12.33
11/4/2011 16:00	20031	12.81	152.2	15.09	20.68	8.26	158.1	20.91	15.31	65.73	68.14	20.19	14.82	0	579.5	26.38	7.515	-0.016	12.01
11/4/2011 17:00	20032	12.94	164.5	13.6	20.68	8.2	169.9	19.46	17.1	66.86	68.76	21.19	16.01	0	434.7	26.36	7.499	-0.016	12.12
11/4/2011 18:00	20033	11.9	150.8	13.95	18.89	7.4	155.8	19.82	15.31	66.83	68.1	21.87	17.06	0	245.7	26.33	7.49	-0.01	11.95
11/4/2011 19:00	20034	9.3	136.4	11.55	15.31	5.356	140.4	18.56	11.74	63.96	63.61	24.2	20.28	0	50.52	26.3	7.476	-0.014	12.32
11/4/2011 20:00	20035	8.57	118.9	8.73	13.52	4.371	119.6	17.95	9.95	59.26	57.88	27.9	24.65	0	0.468	26.26	7.467	-0.009	12.05
11/4/2011 21:00	20036	8.86	113.7	13.02	15.31	4.936	113.2	20.88	11.74	56.67	55.57	30.67	27.15	0	0.015	26.24	7.455	-0.012	16.68
11/4/2011 22:00	20037	8.68	122.8	11.98	17.1	4.76	124.3	20.23	13.52	53.45	52.22	33.1	29.69	0	0.006	26.22	7.447	-0.007	12.03
11/4/2011 23:00	20038	9.61	129.5	9.41	17.1	5.417	133.1	18.77	11.74	52.7	51.87	32.57	28.77	0	0.005	26.21	7.438	-0.009	12.03
11/5/2011 0:00	20039	8.11	134.2	11.45	13.52	4.551	137.9	19.66	9.95	50.35	49.39	34.92	31.21	0	0.002	26.19	7.435	-0.003	15.32
11/5/2011 1:00	20040	8.73	145.9	10.86	15.31	4.823	151.7	17.95	9.95	49.38	48.53	36.28	32.43	0	0.003	26.16	7.409	-0.025	12.04
11/5/2011 2:00	20041	9.34	152.7	9.21	15.31	5.357	158.4	16.31	11.74	48.91	48.19	36.8	32.83	0	0.002	26.15	7.4	-0.01	16.38
11/5/2011 3:00	20042	12.2	153.1	9.41	20.68	7.001	158.6	16.77	15.31	48.88	48.32	35.94	31.83	0	0.002	26.12	7.397	-0.003	13.41
11/5/2011 4:00	20043	11.15	155.9	10.61	18.89	6.512	161.7	16.4	13.52	48.79	48.31	35.81	31.61	0	0.002	26.11	7.387	-0.01	12.1
11/5/2011 5:00	20044	8.46	163.9	9.69	17.1	4.741	169.6	16.62	11.74	48.17	47.44	36.94	32.97	0	0.001	26.08	7.381	-0.006	16.01
11/5/2011 6:00	20045	5.452	179.7	20.24	9.95	2.424	182.2	25.25	6.368	46.75	45.46	39.21	35.94	0	0.003	26.06	7.375	-0.006	11.95
11/5/2011 7:00	20046	4.812	151.1	13.25	9.95	1.5	141.3	13.39	6.368	45.75	43.66	40.76	38.61	0	0	26.04	7.372	-0.002	12.01
11/5/2011 8:00	20047	5.136	176.1	18.66	9.95	1.516	172.6	23.18	4.578	44.96	42.8	42.09	40.12	0	0.026	26.02	7.373	0	11.96
11/5/2011 9:00	20048	5.044	178.9	17.51	9.95	1.543	182.6	23.31	6.368	43.72	41.72	44.14	41.85	0	9.1	26.02	7.37	-0.002	11.98
11/5/2011 10:00	20049	7.496	177	12.79	18.89	3.887	179.3	17.72	13.52	47.08	46.55	41.02	37.18	0	197.5	26.03	7.366	-0.004	16.62
11/5/2011 11:00	20050	15.59	181.9	9.66	26.05	10.02	188.1	15.83	20.68	54.75	56.09	34.07	28.56	0	441.5	26.1	7.36	-0.006	15.45
11/5/2011 12:00	20051	15.05	184	10.78	22.47	9.79	190.3	16.63	18.89	61.21	63.15	29.42	23.81	0	590.9	26.15	7.355	-0.005	12.2
11/5/2011 13:00	20052	17.7	182.2	10.14	26.05	11.5	188.6	16.14	20.68	66.94	69.06	25.2	19.7	0	690.2	26.16	7.347	-0.007	12.05
11/5/2011 14:00	20053	18.04	195.3	11.73	27.84	11.9	200.5	15.96	22.47	71.52	73.67	21.02	15.7	0	720.8	26.17	7.331	-0.016	12.05
11/5/2011 15:00	20054	19.38	205.1	12.19	33.21	12.93	209.6	15.77	26.05	75.43	77.34	16.99	11.96	0	681.8	26.15	7.314	-0.016	14.76
11/5/2011 16:00	20055	21.88	234.4	14.15	36.78	14.28	238	18.85	27.84	78.62	79.61	14.98	10.33	0	586.7	26.14	7.292	-0.022	12.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/5/2011 17:00	20056	20.5	247.4	11.52	33.21	13.82	252.3	16.73	26.05	78.61	79.22	19.14	14.59	0	408.7	26.13	7.267	-0.025	11.9
11/5/2011 18:00	20057	19.6	273.6	15.01	31.42	14.41	276.3	17.12	26.05	75.02	75.35	26.33	21.68	0	199.5	26.13	7.233	-0.034	16.26
11/5/2011 19:00	20058	15.86	282.9	10.96	27.84	11.96	285.3	13.99	20.68	69.77	69.71	31.37	26.9	0	47.13	26.13	7.211	-0.022	16.42
11/5/2011 20:00	20059	15.92	279.6	9.73	27.84	11.82	282.5	13.62	22.47	64.93	64.69	34.63	30.26	0	0.534	26.13	7.194	-0.017	13.33
11/5/2011 21:00	20060	14.07	280.5	9.68	22.47	10.43	282.3	13.23	18.89	62.15	61.87	36.58	32.2	0	0.015	26.13	7.185	-0.009	16.33
11/5/2011 22:00	20061	9.77	273.7	15.31	18.89	7.027	277	17.81	15.31	59.68	59.2	38.65	34.45	0	0.009	26.14	7.175	-0.01	12.07
11/5/2011 23:00	20062	9.19	222.3	32.92	17.1	5.489	222.3	33.77	11.74	57.73	56.71	40.55	36.94	0	0.005	26.15	7.16	-0.015	12.64
11/6/2011 0:00	20063	13.09	226.5	9.77	20.68	8.04	229.2	14.95	15.31	56.34	55.67	40.99	36.94	0	0.003	26.15	7.154	-0.006	12.2
11/6/2011 1:00	20064	10.02	202.4	19.51	18.89	5.486	203.9	23.12	13.52	53.83	52.48	41.87	38.65	0	0.001	26.16	7.117	-0.037	16.42
11/6/2011 2:00	20065	10.01	204.4	9.17	15.31	5.592	209.3	13.7	9.95	52.03	50.52	45.7	42.53	0	0	26.16	7.114	-0.003	15.71
11/6/2011 3:00	20066	6.169	202.4	20.28	11.74	2.698	203.3	29.7	8.16	47.23	45.68	54.74	51.51	0	0	26.16	7.112	-0.003	11.97
11/6/2011 4:00	20067	6.171	199.1	28.15	9.95	2.731	198.3	37.82	6.368	44.69	42.78	58.27	55.83	0	0	26.15	7.109	-0.002	16.27
11/6/2011 5:00	20068	6.326	213.4	18.21	9.95	2.206	207.2	26.33	6.368	43.29	40.42	59.13	58.31	0	0	26.14	7.107	-0.002	11.97
11/6/2011 6:00	20069	5.335	224.8	25.05	9.95	2.399	239.3	36.66	4.578	42.78	40.76	59.69	57.65	0	0	26.14	7.104	-0.003	14.26
11/6/2011 7:00	20070	2.463	229.5	26.35	6.368	0.652	122.4	35.13	2.789	42.16	39.05	60.55	60.41	0	0	26.15	7.101	-0.003	11.97
11/6/2011 8:00	20071	3.497	169.1	47.72	8.16	1.63	99.8	22.58	4.578	41.85	37.24	61.3	63.1	0	0.067	26.16	7.101	0	12
11/6/2011 9:00	20072	1.304	111.3	34.88	4.578	0.765	76.66	20.63	4.578	42.96	40.43	59.58	58.59	0	45.88	26.18	7.098	-0.003	16.18
11/6/2011 10:00	20073	0.97	42.23	38.64	4.578	0.561	34.27	26.36	4.578	50.46	50.27	48.99	44.49	0	234.6	26.25	7.099	0.001	14.99
11/6/2011 11:00	20074	5.501	230.9	27.2	11.74	3.911	236.1	31.71	9.95	55.5	56.51	43.01	37.17	0	426.3	26.34	7.096	-0.003	12.5
11/6/2011 12:00	20075	8.25	238.5	17.16	13.52	5.812	242.8	21.99	11.74	60.87	62.14	37.65	31.88	0	575	26.38	7.091	-0.005	16.66
11/6/2011 13:00	20076	10.06	247	20.95	17.1	7.297	251.1	24.84	15.31	65.08	66.4	36.33	30.44	0	672	26.4	7.081	-0.01	12.01
11/6/2011 14:00	20077	10.7	226.2	18.15	18.89	7.324	230.3	22.88	15.31	66.88	68.71	34.89	28.7	0	710.1	26.38	7.075	-0.006	12.06
11/6/2011 15:00	20078	11.5	210.9	17.88	20.68	8.03	216.1	21.53	17.1	68.8	70.88	32.3	26.17	0	683.7	26.36	7.065	-0.01	16.04
11/6/2011 16:00	20079	13.96	216.7	14.68	22.47	9.33	221.4	18.53	18.89	70.08	71.9	30.23	24.39	0	587.8	26.34	7.046	-0.019	13.49
11/6/2011 17:00	20080	13.93	213.3	13.54	26.05	9.34	216.8	17.19	18.89	70.62	72.12	28.09	22.64	0	463.5	26.33	7.024	-0.022	12.03
11/6/2011 18:00	20081	13.75	216.6	12.38	22.47	9.07	220.6	16.19	17.1	70.46	71.37	27.17	22.17	0	273.4	26.31	7.002	-0.022	12.06
11/6/2011 19:00	20082	9.23	205.2	10.9	17.1	5.806	209	14.94	11.74	68.28	67.87	30	26.01	0	67.52	26.3	6.986	-0.016	16.48
11/6/2011 20:00	20083	8.51	173.9	10.12	11.74	3.692	170.3	16.39	6.368	62.12	59.16	36.23	34.72	0	0.665	26.28	6.976	-0.01	14.65
11/6/2011 21:00	20084	7.009	150.5	14.3	9.95	2.08	135.2	18.14	4.578	59.75	55.12	39.32	39.8	0	0.003	26.25	6.967	-0.009	16.45
11/6/2011 22:00	20085	8.07	130.2	8.37	11.74	3.024	115.6	13.87	6.368	58.97	54.41	40.44	41.14	0	0.003	26.23	6.965	-0.001	12.2
11/6/2011 23:00	20086	7.126	100.8	9.17	9.95	3.293	90.6	14.5	6.368	57.95	54.5	41.72	41.19	0	0.006	26.24	6.959	-0.006	15.71
11/7/2011 0:00	20087	8.16	96.9	5.675	11.74	3.893	88.4	11.95	8.16	57.33	53.27	44.17	43.82	0	0.004	26.23	6.956	-0.003	12.13
11/7/2011 1:00	20088	7.427	95.2	5.389	13.52	3.844	90.7	11.83	8.16	56.4	54.03	51.51	49.04	0	0.006	26.22	6.953	-0.003	13.02
11/7/2011 1:00	20089	7.388	87.6	15.88	15.31	3.693	80.2	18.27	6.368	56.22	53.9	58.72	55.97	0	0.007	26.21	6.934	-0.019	12.3
11/7/2011 2:00	20090	5.558	48.19	7.56	8.16	2.468	49.12	11.97	4.578	54.57	52.89	59.53	56.14	0	0.005	26.2	6.93	-0.003	13.93
11/7/2011 3:00	20091	6.487	69.95	17.69	9.95	3.218	64.4	17.31	6.368	54.22	51.96	65.9	61.36	0	0.003	26.18	6.927	-0.003	11.98
11/7/2011 4:00	20092	7.563	111.7	17.66	15.31	4.202	106.5	26.53	9.95	54.15	52.99	76.74	70.98	0	0.004	26.16	6.927	0	12.11
11/7/2011 5:00	20093	13.77	163.8	11.41	26.05	8.13	169.2	17.63	17.1	59.65	59.24	87.4	81.4	0	0.007	26.17	6.925	-0.002	14.38
11/7/2011 6:00	20094	14.2	171.8	8.79	24.26	8.53	177.5	15.9	17.1	59.72	59.39	89.7	83.7	0	0.011	26.19	6.928	0.003	16.24
11/7/2011 7:00	20095	9.28	199.8	35.77	17.1	5.56	205.6	37.42	11.74	57.15	56.61	91	85.3	0	0.019	26.19	6.928	0	11.98
11/7/2011 8:00	20096	5.233	240.8	35.63	11.74	3.446	251.9	30.67	8.16	53.3	53.34	94.4	87	0	14.94	26.2	6.93	0.001	12.25
11/7/2011 9:00	20097	4.109	170.9	17.23	9.95	2.258	185.2	16.04	8.16	55.17	55.79	94.6	87.4	0	200.6	26.21	6.928	-0.001	12.08
11/7/2011 10:00	20098	7.029	190.4	15.5	11.74	4.975	195.6	20.14	8.16	61.07	62.62	74.4	66.27	0	407.2	26.26	6.927	-0.002	11.81
11/7/2011 11:00	20099	7.031	184.2	19.2	13.52	5.192	192.2	23.21	9.95	66.64	68.45	53.96	47.16	0	560.9	26.31	6.929	0.002	12.22
11/7/2011 12:00	20100	7.403	187.2	27.62	15.31	5.132	193.4	31.93	13.52	70.98	73.03	37.56	31.54	0	663.3	26.33	6.925	-0.004	12.24

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/7/2011 13:00	20101	10.24	192.8	17.44	18.89	7.321	199.2	21.1	15.31	72.9	75.18	30.62	24.78	0	706.3	26.31	6.918	-0.006	12.27
11/7/2011 14:00	20102	12.19	210.9	17.23	20.68	8.23	215.6	20.22	17.1	74.17	76.34	25.26	19.67	0	681.1	26.28	6.896	-0.022	14.6
11/7/2011 15:00	20103	13.83	213.8	15.66	22.47	9.21	218.2	18.88	17.1	75.02	76.82	20.84	15.62	0	595.4	26.26	6.871	-0.025	12.15
11/7/2011 16:00	20104	14.27	214.5	18.52	24.26	9.42	218.4	21.63	20.68	75.31	76.68	19.51	14.56	0	451.3	26.25	6.846	-0.025	16.58
11/7/2011 17:00	20105	12.26	213.6	13.46	20.68	8.11	217.1	16.98	18.89	75.29	76.07	18.16	13.59	0	257.1	26.23	6.821	-0.025	12.55
11/7/2011 18:00	20106	7.486	188.5	21.98	17.1	3.956	196.6	25.62	11.74	72.81	71.7	18.82	15.62	0	68.07	26.21	6.808	-0.013	12.25
11/7/2011 19:00	20107	6.478	125.7	10.97	9.95	3.032	91.4	8.55	4.578	68.15	62.4	21.62	22.43	0	0.452	26.16	6.798	-0.011	12.81
11/7/2011 20:00	20108	4.507	53.58	60.91	11.74	2.195	25.32	45.39	8.16	65.9	60.95	23.55	24.75	0	0.01	26.14	6.789	-0.009	16.02
11/7/2011 21:00	20109	8.86	325.9	6.519	13.52	6.285	327.9	8.17	11.74	65.36	64.13	27.03	23.82	0	0.024	26.14	6.776	-0.013	11.94
11/7/2011 22:00	20110	10.19	312.7	8.36	15.31	7.783	316.2	9.19	13.52	63.43	63.05	30.75	26.58	0	0.036	26.16	6.763	-0.013	16.33
11/7/2011 23:00	20111	4.013	318.3	47.09	9.95	2.361	308	49.72	8.16	60.55	59.87	35.04	31.88	0	0.024	26.2	6.757	-0.006	16.04
11/8/2011 0:00	20112	13.32	298.7	11.3	27.84	10.25	301.9	15.04	24.26	60.64	60.08	33.45	29.99	0	0.022	26.2	6.735	-0.022	12.07
11/8/2011 1:00	20113	15.17	304	8.74	26.05	11.92	309.5	9.12	22.47	57.33	57.07	31.64	27.3	0	0.016	26.2	6.725	-0.009	12.09
11/8/2011 2:00	20114	13.84	300.6	8.09	26.05	10.68	306.4	9.16	20.68	54.41	54.12	34.73	30.27	0	0.006	26.19	6.711	-0.014	16.37
11/8/2011 3:00	20115	12.77	295.2	9.86	24.26	9.35	301.5	12.24	18.89	51.81	51.5	36.37	31.9	0	0.002	26.19	6.699	-0.012	16.42
11/8/2011 4:00	20116	15.96	286.2	7.841	26.05	10.34	293.1	14.6	20.68	49.09	48.89	38.47	33.75	0	0.003	26.19	6.692	-0.006	12.03
11/8/2011 5:00	20117	10.92	285.2	8.08	17.1	6.255	294.4	14.16	11.74	44.94	44.41	43.2	38.77	0	0.001	26.19	6.686	-0.006	12.1
11/8/2011 6:00	20118	5.624	285.1	15.03	13.52	2.829	294.2	17.17	9.95	41.5	40.6	49.07	44.84	0	0	26.19	6.685	-0.001	11.96
11/8/2011 7:00	20119	4.064	277.1	20.6	6.368	1.032	268.8	28.65	4.578	40.98	37.74	46.92	47.41	0	0.003	26.19	6.66	-0.025	12.05
11/8/2011 8:00	20120	2.903	250.2	56.51	6.368	1.42	158.8	42.39	4.578	40.03	37.1	45.66	45.21	0	42.88	26.21	6.654	-0.006	16.39
11/8/2011 9:00	20121	5.543	231.6	27.53	13.52	3.551	239.2	30.3	9.95	44.38	44.51	40.5	35.8	0	246.8	26.26	6.646	-0.008	11.99
11/8/2011 10:00	20122	8.63	266.6	18.49	18.89	6.158	269.2	23.49	18.89	48.9	49.92	32.59	27.09	0	448.4	26.33	6.631	-0.015	12.03
11/8/2011 11:00	20123	17.48	283.4	12.17	27.84	13.59	286.8	15.59	24.26	52.98	53.99	27.46	22.23	0	610	26.37	6.621	-0.01	14.86
11/8/2011 12:00	20124	15.37	283.9	13.72	26.05	12.41	286.5	16.62	24.26	54.5	55.72	25.62	20.22	0	711.3	26.39	6.605	-0.016	12.01
11/8/2011 13:00	20125	15.51	283.6	14.34	26.05	12.68	285.7	17.18	24.26	56.08	57.39	23.25	17.86	0	751.3	26.4	6.591	-0.013	12.01
11/8/2011 14:00	20126	17.08	290.3	12.45	29.63	13.98	294	15.37	26.05	57.1	58.33	23.11	17.71	0	720.8	26.39	6.563	-0.028	11.97
11/8/2011 15:00	20127	17.56	295.1	13.54	27.84	13.84	299	16.73	22.47	57.68	58.91	23.87	18.51	0	626.2	26.4	6.553	-0.01	15.55
11/8/2011 16:00	20128	17.35	297.9	14.65	29.63	13.53	301.9	17.33	26.05	59.17	60.09	23.56	18.53	0	470.7	26.4	6.531	-0.022	12.25
11/8/2011 17:00	20129	16.78	303.1	12.62	29.63	13.67	307.3	13.86	24.26	59.81	60.29	24.93	20.04	0	282.3	26.4	6.516	-0.015	14.74
11/8/2011 18:00	20130	14.28	316.7	9.34	24.26	11.5	321	10.12	20.68	58.52	58.34	27.14	22.77	0	73.86	26.41	6.503	-0.013	16.39
11/8/2011 19:00	20131	9.89	350	12.76	15.31	6.85	351.6	13.95	13.52	54.14	53.84	34.88	30.33	0	0.51	26.42	6.498	-0.006	12.11
11/8/2011 20:00	20132	11.8	10.43	12.32	22.47	7.844	10.05	16.33	17.1	50.5	50.41	42.16	37.18	0	0.006	26.43	6.486	-0.011	12.04
11/8/2011 21:00	20133	12.21	25.18	13.31	18.89	7.096	27.57	16.33	13.52	47.34	47.28	48.36	43.16	0	0.001	26.44	6.477	-0.009	16.41
11/8/2011 22:00	20134	12.89	38.9	10.61	20.68	7.047	40.86	12.78	15.31	45.06	44.89	54.73	49.45	0	0.001	26.45	6.471	-0.006	16.08
11/8/2011 23:00	20135	12.31	51.64	9.23	18.89	7.188	54.12	15.36	15.31	42.65	42.31	60.7	55.51	0	0	26.45	6.459	-0.012	13.06
11/9/2011 0:00	20136	14.24	42.94	9.3	20.68	7.716	42.62	12.81	15.31	41.56	41.34	63.51	58.11	0	0	26.45	6.457	-0.002	14.76
11/9/2011 1:00	20137	14.98	41.94	8.41	24.26	8.33	42.45	11.45	17.1	40.18	40.02	66.86	61.24	0	0	26.46	6.45	-0.006	12.08
11/9/2011 2:00	20138	12.35	32.53	11.37	20.68	6.937	34.26	13.34	13.52	38.91	38.8	69.35	63.54	0	0	26.46	6.447	-0.003	15.24
11/9/2011 3:00	20139	13.71	25.55	10.41	22.47	7.563	28.79	12.67	13.52	37.56	37.49	71.56	65.59	0	0	26.47	6.444	-0.003	16.21
11/9/2011 4:00	20140	14.76	21.41	11.49	22.47	8.43	24.7	15.26	17.1	36.68	36.65	73.14	67.02	0	0	26.47	6.441	-0.003	15.91
11/9/2011 5:00	20141	14.64	27.07	10.72	24.26	8.23	29.14	13.41	17.1	36.49	36.5	73.66	67.48	0	0	26.47	6.438	-0.003	16.24
11/9/2011 6:00	20142	12.81	29.46	10.17	18.89	7.246	31.27	13.31	15.31	36.58	36.59	73.81	67.62	0	0	26.49	6.435	-0.003	15.97
11/9/2011 7:00	20143	10.22	28.33	11.38	17.1	5.774	30.6	14.2	15.31	35.9	35.87	75.4	69.12	0	0.035	26.52	6.431	-0.003	11.98
11/9/2011 8:00	20144	8.44	17.79	12.9	13.52	5.317	17.17	16.96	9.95	35.48	35.44	76.7	70.27	0	42.75	26.55	6.428	-0.003	11.95
11/9/2011 9:00	20145	10.58	18.24	12.72	17.1	6.436	19.83	17.18	13.52	38.27	38.49	72.24	65.78	0	140.5	26.58	6.425	-0.003	11.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/9/2011 10:00	20146	9.69	29.34	13.9	17.1	5.638	30.76	17.09	13.52	41.92	42.42	61.65	55.49	0	288.5	26.63	6.424	-0.001	11.95
11/9/2011 11:00	20147	9.12	49.98	17.74	17.1	5.641	49.32	21.05	13.52	45.5	46.81	51.67	45.17	0	475	26.69	6.42	-0.004	12.44
11/9/2011 12:00	20148	10.01	65.06	20.94	17.1	6.722	64.77	26.23	13.52	49.01	50.84	42.85	36.39	0	583.1	26.72	6.414	-0.005	12.48
11/9/2011 13:00	20149	8.68	50.26	20.87	17.1	5.614	50.85	23.94	11.74	50.65	51.91	38.79	33.04	0	471.7	26.71	6.411	-0.003	14.48
11/9/2011 14:00	20150	8.34	54.67	27.12	15.31	5.539	55.29	30.59	13.52	52.37	53.81	32.92	27.42	0	540.3	26.7	6.405	-0.006	12.1
11/9/2011 15:00	20151	8.98	63.13	28.12	17.1	6.126	62.42	31.52	13.52	54.25	56	28.3	22.78	0	613.2	26.71	6.395	-0.01	12.02
11/9/2011 16:00	20152	8.01	52.77	23.25	17.1	5.172	52.14	27.45	13.52	55.27	56.52	28.52	23.18	0	482.1	26.7	6.382	-0.013	16.05
11/9/2011 17:00	20153	9.99	45.21	16	17.1	6.192	45.18	19.37	11.74	54.46	55.34	26.48	21.53	0	244.5	26.68	6.367	-0.015	12.25
11/9/2011 18:00	20154	7.852	53.82	10.81	15.31	4.684	55.78	16.19	11.74	52.65	52.42	27.99	23.85	0	70.6	26.66	6.354	-0.013	12.1
11/9/2011 19:00	20155	4.309	47.03	11.39	6.368	1.865	62.85	10.47	4.578	48.63	46.8	35.15	32.33	0	0.453	26.64	6.347	-0.007	12.08
11/9/2011 20:00	20156	1.55	26.79	9.84	4.578	0.02	356.1	1.132	2.789	45.45	42.09	39.62	38.28	0	0	26.62	6.345	-0.002	11.74
11/9/2011 21:00	20157	1.588	14.49	7.279	4.578	0.136	51.65	4.456	2.789	44.2	38.94	42.05	42.84	0	0	26.61	6.339	-0.005	16.24
11/9/2011 22:00	20158	4.398	40.27	27.21	11.74	1.332	63.49	18.01	8.16	43.28	39.77	44.31	43.45	0	0	26.62	6.339	0	15.89
11/9/2011 23:00	20159	2.739	30.98	27.3	6.368	0.492	343.9	35.36	2.789	40.44	36.68	48.28	47.38	0	0	26.63	6.336	-0.003	13.73
11/10/2011 0:00	20160	2.631	18.05	22.64	4.578	0.528	355.7	32.49	4.578	38.08	34.21	51.72	51.2	0	0	26.62	6.331	-0.005	12.13
11/10/2011 1:00	20161	2.695	17.22	23.29	4.578	0.222	58.7	25.09	2.789	37.39	31.1	51.93	54.16	0	0	26.6	6.329	-0.002	11.93
11/10/2011 2:00	20162	2.278	25.28	12.87	4.578	0.329	141.4	22.34	4.578	37.46	31.15	51.43	53.9	0	0	26.59	6.329	0	13.52
11/10/2011 3:00	20163	1.764	9.38	18.35	4.578	0.613	70.77	21.65	2.789	35.12	29.17	54.5	56.71	0	0	26.58	6.326	-0.003	12
11/10/2011 4:00	20164	2.764	32.9	9.15	6.368	0.784	40.52	30.46	4.578	36.26	32.49	52.55	52.49	0	0	26.58	6.329	0.003	15.88
11/10/2011 5:00	20165	2.278	302.5	14.8	6.368	0.518	306.2	9.2	2.789	33.35	27.31	57.27	59.24	0	0	26.58	6.329	0	12.63
11/10/2011 6:00	20166	1.262	343.3	19.21	4.578	0.464	78.38	4.082	2.789	32.58	26.91	57.99	60.88	0	0	26.58	6.33	0.001	11.83
11/10/2011 7:00	20167	1.798	309.8	8.91	4.578	0.149	135.1	3.767	2.789	34.09	25.95	55.66	61	0	0.01	26.57	6.327	-0.003	11.86
11/10/2011 8:00	20168	4.15	317.4	10.8	6.368	0.593	295.9	36.76	4.578	34.55	27.02	55.74	59.25	0	38.07	26.58	6.33	0.003	15.64
11/10/2011 9:00	20169	4.04	293	16.34	6.368	2.088	278.2	11.37	6.368	40.73	39.96	49.06	44.75	0	231.1	26.64	6.33	0	15.95
11/10/2011 10:00	20170	6.122	262.9	14.99	9.95	4.942	266.9	18.64	9.95	47.63	48.31	42	36.4	0	430.9	26.72	6.318	-0.013	12.06
11/10/2011 11:00	20171	9.08	242.9	17.12	15.31	6.65	245.2	22.05	11.74	52.48	53.49	34.72	29.32	0	592.5	26.77	6.313	-0.005	16.25
11/10/2011 12:00	20172	8.81	229.9	24.8	15.31	6.577	233.9	28.11	13.52	54.73	56.19	31.03	25.36	0	696.3	26.78	6.305	-0.007	14.04
11/10/2011 13:00	20173	10.21	228.6	23.89	18.89	7.488	232.9	26.42	15.31	56.55	58.23	27.37	21.68	0	735.3	26.76	6.298	-0.007	16.11
11/10/2011 14:00	20174	11.95	219.1	20.88	20.68	8.55	223.1	23.14	17.1	57.41	59.37	25.27	19.51	0	707.6	26.73	6.289	-0.01	15.36
11/10/2011 15:00	20175	11.58	215.9	15.16	20.68	8.36	219.4	17.21	15.31	57.94	59.76	23.93	18.31	0	617.5	26.7	6.279	-0.01	12
11/10/2011 16:00	20176	11.75	222.8	19.6	29.63	8.26	225.4	21.33	22.47	58.04	59.37	22.4	17.15	0	470.6	26.67	6.26	-0.019	15.27
11/10/2011 17:00	20177	11.76	217.3	13.64	18.89	8.08	220.8	17.07	15.31	57.49	58.53	21.62	16.56	0	284.2	26.63	6.227	-0.033	12.38
11/10/2011 18:00	20178	9.91	201	8.24	17.1	6.199	205	12.15	11.74	55.04	54.62	23.33	19.21	0	72.51	26.59	6.218	-0.009	16.4
11/10/2011 19:00	20179	8.62	192.8	6.262	11.74	4.256	191.7	12.32	8.16	49.23	46.99	27.39	24.72	0	0.307	26.54	6.21	-0.008	12.04
11/10/2011 20:00	20180	8.63	199.7	8.79	13.52	4.362	205.2	15.65	9.95	46.8	44.64	29.62	26.92	0	0.001	26.5	6.201	-0.009	16.42
11/10/2011 21:00	20181	6.442	208.5	8.41	11.74	2.545	216.2	11.3	6.368	43.75	41.03	31.91	29.87	0	0	26.48	6.199	-0.002	11.96
11/10/2011 22:00	20182	3.599	202	11.97	6.368	0.532	134.4	10.25	2.789	40.75	37.02	34.61	33.96	0	0	26.46	6.19	-0.009	11.98
11/10/2011 23:00	20183	4.124	187.4	12.05	6.368	0.621	125.8	6.27	2.789	39.93	35.56	36.12	35.93	0	0	26.43	6.188	-0.002	11.95
11/11/2011 0:00	20184	3.895	215.9	16.41	6.368	0.26	165.8	16.77	2.789	37.89	34.04	38.56	38.2	0	0	26.41	6.186	-0.002	12.08
11/11/2011 1:00	20185	4.777	257.9	10.37	8.16	0.79	297.7	8.44	4.578	37.5	32.77	39.55	40.05	0	0	26.38	6.183	-0.003	13.92
11/11/2011 2:00	20186	3.251	265.2	18.89	6.368	0.581	288.5	22.32	2.789	37.51	33.15	41.57	41.75	0	0	26.35	6.183	0	12.11
11/11/2011 3:00	20187	6.446	258.4	8.27	8.16	2.15	268.9	12.7	4.578	35.88	31.47	44.91	44.6	0	0	26.34	6.18	-0.003	15.98
11/11/2011 4:00	20188	4.396	242.1	12.71	6.368	0.506	271.4	12.14	2.789	34.49	30.85	47.21	46.86	0	0	26.32	6.18	0	15.34
11/11/2011 5:00	20189	3.263	243.5	16.02	6.368	0.597	288.6	15.07	2.789	32.6	30.16	49.58	47.72	0	0	26.29	6.18	0	15.6
11/11/2011 6:00	20190	5.138	249.4	10.6	6.368	1.44	278	10.71	4.578	33.64	29.69	48.32	48.52	0	0	26.28	6.18	0	12.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/11/2011 7:00	20191	3.75	220.8	17.31	6.368	0.814	244.5	25.01	2.789	32.42	29.34	49.54	48.7	0	0.01	26.27	6.18	0	14.44
11/11/2011 8:00	20192	2.594	238.7	28.95	4.578	0.681	165.5	40.24	4.578	32.99	29.46	49.05	48.51	0	53.83	26.27	6.18	0	12.1
11/11/2011 9:00	20193	3.702	218	17.91	6.368	2.326	222.6	14.89	6.368	38.21	38.53	43.49	38.2	0	165.5	26.31	6.181	0.001	16.05
11/11/2011 10:00	20194	5.774	230	18.45	11.74	4.189	231.8	21.2	9.95	44.08	44.59	36.97	31.95	0	310.9	26.35	6.166	-0.015	13.56
11/11/2011 11:00	20195	10.63	216.2	10.4	18.89	7.581	220.3	13.58	15.31	51.74	52.74	29.68	24.62	0	438.2	26.39	6.161	-0.005	12.01
11/11/2011 12:00	20196	12.89	215.8	9.84	20.68	9	218.7	13.24	15.31	56.41	57.79	25.22	20.06	0	521.7	26.41	6.158	-0.004	12.27
11/11/2011 13:00	20197	11.98	215.7	11.33	18.89	8.47	219.4	14.41	15.31	58.78	60.2	23.09	17.94	0	492.7	26.4	6.151	-0.007	12.1
11/11/2011 14:00	20198	12.89	219.8	11.52	18.89	8.94	222.3	15.28	15.31	60.93	62.06	20.24	15.34	0	405.6	26.37	6.175	0.025	12.21
11/11/2011 15:00	20199	11.75	229	13.45	18.89	8.23	231.2	17.92	17.1	63.02	63.99	18.52	13.72	0	446.9	26.35	6.175	-0.001	11.99
11/11/2011 16:00	20200	12.29	223.1	14.32	18.89	8.56	226.7	17.95	15.31	65.18	66.09	17.21	12.44	0	406.8	26.34	6.175	0	12.28
11/11/2011 17:00	20201	12.85	219	10.35	20.68	8.75	222	13.48	15.31	65.04	65.32	17.1	12.66	0	172.1	26.33	6.172	-0.003	14.5
11/11/2011 18:00	20202	8.93	218.3	8.43	17.1	5.679	222	12.02	11.74	62.25	61.77	19.18	15.17	0	17.51	26.31	6.17	-0.002	12.4
11/11/2011 19:00	20203	7.18	203	8.65	11.74	3.826	206.7	11.98	6.368	58.51	57.07	22.71	19.32	0	0.112	26.28	6.164	-0.006	12.01
11/11/2011 20:00	20204	9.12	200.1	6.894	13.52	5.272	205.3	11.27	9.95	57.01	55.83	24.74	21.22	0	0.022	26.26	6.158	-0.006	12.14
11/11/2011 21:00	20205	7.97	197.7	8.02	13.52	4.233	201.2	13.46	9.95	54.91	53.39	26.84	23.62	0	0.013	26.25	6.15	-0.008	16.46
11/11/2011 22:00	20206	8.63	205.5	8.59	13.52	5.043	211.4	12.09	9.95	54.05	53.1	27.98	24.3	0	0.009	26.23	6.144	-0.006	12.11
11/11/2011 23:00	20207	7.705	211.8	10.81	13.52	4.368	221.1	17.98	9.95	52.11	50.91	30.04	26.47	0	0.006	26.22	6.134	-0.009	12.07
11/12/2011 0:00	20208	6.411	201.8	20.78	11.74	2.784	207.9	26.89	9.95	49.43	47.44	32.62	29.86	0	0.002	26.19	6.131	-0.003	11.97
11/12/2011 1:00	20209	8.38	196.6	11.45	13.52	5.121	202.6	15.05	9.95	51.47	50.82	31.11	27.15	0	0.005	26.17	6.122	-0.01	16.07
11/12/2011 2:00	20210	6.98	224.6	10.52	11.74	3.746	228.9	14.67	8.16	49.5	48.41	33.2	29.62	0	0.007	26.18	6.122	0	11.99
11/12/2011 3:00	20211	4.682	222.5	23.56	8.16	1.896	239.3	36.11	4.578	47.63	45.88	35.24	32.47	0	0.001	26.16	6.118	-0.003	12.15
11/12/2011 4:00	20212	5.942	223.4	12.1	9.95	2.341	232.5	20.37	4.578	46.74	44.03	36.05	34.38	0	0	26.14	6.113	-0.006	13.56
11/12/2011 5:00	20213	7.181	232.3	12.91	15.31	4.323	239.4	19.28	11.74	46.88	46.16	36.06	32.24	0	0	26.13	6.109	-0.003	11.96
11/12/2011 6:00	20214	6.865	233.4	13.72	11.74	4.31	237.8	18.46	9.95	48.31	47.9	34.43	30.35	0	0.001	26.13	6.106	-0.003	16.28
11/12/2011 7:00	20215	9.17	225.5	8.96	13.52	5.805	228.8	13.49	9.95	49.46	49	33.07	29.05	0	0.003	26.14	6.103	-0.003	11.98
11/12/2011 8:00	20216	8.27	215	9.02	13.52	5.098	220	11.94	8.16	51.25	50.58	30.75	27.02	0	3.746	26.16	6.096	-0.006	12.8
11/12/2011 9:00	20217	7.251	230.9	8.42	11.74	4.537	234.6	14.16	8.16	51.82	51.46	30.65	26.62	0	44.54	26.17	6.09	-0.006	12.09
11/12/2011 10:00	20218	10.52	215	9.28	17.1	7.183	219.3	12.68	13.52	56.6	56.74	26.46	22.14	0	192.7	26.2	6.082	-0.008	16.57
11/12/2011 11:00	20219	13.55	234.3	10.91	22.47	9.47	236.3	16.84	18.89	64.36	64.94	20.63	16.09	0	454.7	26.26	6.071	-0.011	11.99
11/12/2011 12:00	20220	16.63	247.7	15.23	29.63	11.82	249.6	19.44	22.47	69.56	70.39	17.32	12.67	0	554.5	26.29	6.06	-0.011	11.82
11/12/2011 13:00	20221	21.6	260.8	11.2	40.36	16.02	263.8	13.58	29.63	72.72	73.59	15.05	10.39	0	618.3	26.29	6.038	-0.022	15.97
11/12/2011 14:00	20222	21.84	258.8	14.58	36.78	16.15	262.3	17.04	27.84	72.76	73.66	15.51	10.76	0	572.6	26.28	6.022	-0.016	12.3
11/12/2011 15:00	20223	18.38	246.8	10.72	31.42	12.76	250.3	17.17	24.26	73.13	73.84	15.93	11.28	0	438.7	26.27	6	-0.022	12.59
11/12/2011 16:00	20224	15.13	261	12.1	26.05	11.24	263.9	14.82	20.68	72.59	72.99	16.98	12.43	0	245.7	26.25	5.975	-0.025	14.69
11/12/2011 17:00	20225	15.2	250.6	9.69	24.26	10.63	254.6	14.55	22.47	71.75	71.81	17.97	13.64	0	159.1	26.25	5.94	-0.035	12.97
11/12/2011 18:00	20226	11.27	254.2	9.64	20.68	7.798	257.5	13.38	15.31	69.83	69.41	19.73	15.69	0	30.61	26.24	5.924	-0.016	16.13
11/12/2011 19:00	20227	5.407	245.1	23.65	11.74	2.983	245.8	37.88	8.16	66.57	64.49	21.77	18.93	0	0.117	26.23	5.916	-0.008	12.34
11/12/2011 20:00	20228	8.05	229.3	10.41	15.31	4.375	231.4	16.01	11.74	63.95	62.21	23.66	20.58	0	0.015	26.21	5.91	-0.006	11.8
11/12/2011 21:00	20229	5.361	236.7	10.75	9.95	2.181	241.2	17.38	8.16	61.79	59.83	23.9	21.28	0	0.017	26.21	5.904	-0.006	12.07
11/12/2011 22:00	20230	11.18	236	9.6	18.89	7.134	238.2	16.99	15.31	63.65	62.73	22.75	19.03	0	0.012	26.22	5.891	-0.013	12.02
11/12/2011 23:00	20231	10.24	235.3	10.75	18.89	6.553	237.7	16.83	11.74	63.23	62.56	23.77	19.81	0	0.028	26.23	5.885	-0.006	13.69
11/13/2011 0:00	20232	6.978	246.7	9.98	15.31	3.749	252.7	17.68	9.95	60.34	59.1	26.47	23.03	0	0.018	26.22	5.872	-0.013	11.96
11/13/2011 1:00	20233	8.3	229	8.67	17.1	4.636	232.5	14.68	9.95	58.58	57.13	28.69	25.39	0	0.01	26.2	5.866	-0.006	15.5
11/13/2011 2:00	20234	10.79	236.4	11.2	18.89	6.824	238.3	16.35	15.31	60.13	59.26	29.62	25.82	0	0.006	26.19	5.86	-0.006	11.99
11/13/2011 3:00	20235	8.35	224.5	14.14	13.52	4.642	228.9	16.56	8.16	58.8	57.47	32.27	28.9	0	0.014	26.18	5.853	-0.006	15.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/13/2011 4:00	20236	9.34	252.2	12.35	15.31	6.111	255.9	15.2	11.74	58.29	57.56	35.84	31.76	0	0.013	26.18	5.847	-0.006	11.96
11/13/2011 5:00	20237	6.982	247.8	11.69	11.74	3.972	250	18.67	9.95	57.95	57.06	40.1	36.14	0	0.008	26.17	5.841	-0.006	13.57
11/13/2011 6:00	20238	8	228.6	6.771	13.52	4.19	231.4	13.74	8.16	56.22	54.48	43.78	40.75	0	0.005	26.16	5.839	-0.002	11.98
11/13/2011 7:00	20239	5.111	233.5	13.88	9.95	2.263	241.8	21.77	6.368	54.78	53.42	46.93	43.5	0	0.018	26.16	5.836	-0.003	16.41
11/13/2011 8:00	20240	5.651	235.6	52.97	9.95	3.202	239.4	59.85	6.368	53.04	51.85	50.11	46.35	0	45.85	26.15	5.833	-0.003	12.06
11/13/2011 9:00	20241	7.317	218.6	52.5	13.52	5.053	221.5	51.51	9.95	56.74	56.98	47.33	41.99	0	179.5	26.18	5.828	-0.005	16.39
11/13/2011 10:00	20242	8.8	220.6	12.68	15.31	6.372	223.6	15.43	11.74	61.43	62.03	43.42	37.91	0	302.7	26.22	5.825	-0.003	16.54
11/13/2011 11:00	20243	12.43	254.9	14.78	20.68	9.24	258.6	18.16	18.89	67.9	68.81	39.65	33.96	0	520.8	26.26	5.82	-0.005	14.16
11/13/2011 12:00	20244	14.07	228	15.67	26.05	9.96	230.8	19.04	18.89	70.13	71.52	37.12	31.15	0	610	26.29	5.813	-0.006	12.82
11/13/2011 13:00	20245	12.85	235.4	14.87	20.68	9.22	237.6	18.89	17.1	71.55	72.76	34.08	28.36	0	572.4	26.29	5.8	-0.013	12.36
11/13/2011 14:00	20246	14.13	249.1	13.26	22.47	10.21	252.3	18.19	18.89	72.37	73.25	34.1	28.63	0	447.8	26.25	5.784	-0.016	12.28
11/13/2011 15:00	20247	11.98	256.3	17.19	20.68	9.02	259.6	19.71	15.31	72.84	73.66	34.08	28.68	0	365.2	26.23	5.762	-0.022	12.3
11/13/2011 16:00	20248	11.04	252.2	23.15	22.47	8.15	254.7	24.39	17.1	73.17	73.68	34.86	29.76	0	209.5	26.22	5.737	-0.025	16.56
11/13/2011 17:00	20249	12.67	245.5	16.77	22.47	8.72	247.6	20.97	15.31	72.47	72.63	35.98	31.23	0	125.4	26.22	5.721	-0.016	12.4
11/13/2011 18:00	20250	9.49	229	15.2	20.68	6.141	230.5	18.85	13.52	70.7	70.24	37.65	33.46	0	28.12	26.21	5.706	-0.016	12.23
11/13/2011 19:00	20251	7.618	207.8	21.28	13.52	4.217	207.8	26.39	9.95	67.39	65.87	41.29	38.2	0	0.111	26.19	5.701	-0.005	14.9
11/13/2011 20:00	20252	9.78	229.8	8.25	17.1	6.411	231.2	12.93	11.74	67.51	66.9	41.37	37.33	0	0.038	26.19	5.691	-0.009	15.25
11/13/2011 21:00	20253	6.335	206	11.29	11.74	3.142	207.9	15.04	8.16	64.73	63.35	44.79	41.55	0	0.038	26.21	5.682	-0.01	12.49
11/13/2011 22:00	20254	4.361	236.4	21.81	8.16	1.439	254.7	20.68	4.578	61.24	59.52	48.99	46.24	0	0.02	26.2	5.682	0	12.1
11/13/2011 23:00	20255	2.227	216.8	51.53	6.368	0.94	83.1	30.11	4.578	60.38	58.08	49.94	48.24	0	0.017	26.2	5.672	-0.01	12.07
11/14/2011 0:00	20256	6.133	261.5	14.13	9.95	3.389	268.4	17.68	8.16	60.77	59.14	49.89	47.17	0	0.012	26.2	5.669	-0.003	12.14
11/14/2011 1:00	20257	7.236	262	13.4	13.52	4.717	262.7	16.32	11.74	61.54	60.9	50.29	46.24	0	0.019	26.2	5.663	-0.006	12.16
11/14/2011 2:00	20258	7.482	258.6	11.44	13.52	5.097	260.1	14.36	9.95	62.88	62.39	53.89	49.55	0	0.023	26.2	5.663	0	14.17
11/14/2011 3:00	20259	6.312	268.4	16.43	9.95	4.063	270.2	21.4	8.16	61.7	61.05	56.63	52.55	0	0.023	26.21	5.66	-0.003	12.06
11/14/2011 4:00	20260	5.701	292.3	19.66	9.95	3.383	300.2	27.53	6.368	61.11	59.89	57.69	54.27	0	0.016	26.19	5.657	-0.003	12.05
11/14/2011 5:00	20261	4.813	242	19.81	8.16	2.42	233.3	27.71	6.368	59.15	57.77	62.51	59.12	0	0.013	26.18	5.653	-0.003	12.34
11/14/2011 6:00	20262	6.28	241.6	14.66	13.52	3.483	241.6	21.21	9.95	58.28	56.94	63.75	60.45	0	0.009	26.18	5.65	-0.003	16.15
11/14/2011 7:00	20263	9.01	240.9	11.53	15.31	5.827	243.3	17.39	11.74	59.81	59.52	59.4	54.88	0	0.012	26.21	5.647	-0.003	12.11
11/14/2011 8:00	20264	8.12	273.5	21.16	13.52	5.856	278.6	24.13	11.74	59.51	59.21	59.41	54.77	0	16.21	26.2	5.641	-0.006	12.05
11/14/2011 9:00	20265	8.62	272.5	16.45	17.1	6.727	274.8	18.56	13.52	61.28	61.49	57.26	51.8	0	162.5	26.22	5.641	0	12.05
11/14/2011 10:00	20266	9.54	253.2	15.38	15.31	6.865	255.6	19.33	13.52	62.61	62.85	54.41	49.21	0	122	26.25	5.634	-0.006	11.97
11/14/2011 11:00	20267	11.9	226.9	11.28	18.89	8.26	229.5	15.61	15.31	65.13	65.73	51.02	45.39	0	226	26.27	5.631	-0.004	12.26
11/14/2011 12:00	20268	15.18	225.2	11.26	24.26	10.45	227.7	15.01	18.89	66.46	67.15	49.75	44.07	0	284.6	26.27	5.623	-0.008	12.03
11/14/2011 13:00	20269	18.95	230.4	13.02	31.42	12.91	232.9	17.97	26.05	69.22	70.37	43.62	37.64	0	488.2	26.25	5.617	-0.007	11.89
11/14/2011 14:00	20270	19.91	238.5	12.51	33.21	13.59	241.3	18.56	26.05	70.89	72.01	39.42	33.67	0	553.9	26.22	5.598	-0.019	12.11
11/14/2011 15:00	20271	21.16	230.9	11.46	33.21	14.41	233.4	16.46	27.84	71.61	72.59	38.34	32.75	0	405.6	26.2	5.569	-0.029	12.05
11/14/2011 16:00	20272	18.79	229.2	11.55	31.42	12.77	231.5	15.96	27.84	71.28	71.81	37.36	32.28	0	173.6	26.18	5.55	-0.019	12.08
11/14/2011 17:00	20273	16.21	226.2	9.9	26.05	11.04	228.8	14.58	18.89	70.96	71.23	38.62	33.75	0	125.7	26.16	5.528	-0.022	11.79
11/14/2011 18:00	20274	15.61	229	10.27	27.84	10.45	231.2	15.09	20.68	69.63	69.63	41.01	36.32	0	22.88	26.17	5.509	-0.019	12.06
11/14/2011 19:00	20275	9.15	227.5	19.62	15.31	5.903	230	22.71	11.74	67.65	67.46	44.51	39.88	0	0.174	26.17	5.5	-0.008	12.08
11/14/2011 20:00	20276	7.406	185.2	8.48	11.74	4.401	189.9	13.74	9.95	64.25	63.95	51.31	46.63	0	0.041	26.18	5.495	-0.006	12.34
11/14/2011 21:00	20277	6.516	211.2	10.61	11.74	3.772	216.4	13.78	8.16	61.91	61.32	54.68	50.29	0	0.029	26.17	5.485	-0.01	16.4
11/14/2011 22:00	20278	6.048	208.7	8.41	9.95	2.382	211	15.3	6.368	58.96	56.77	58.61	56.48	0	0.009	26.15	5.479	-0.006	11.97
11/14/2011 23:00	20279	5.359	209.8	53.71	9.95	2.531	201.8	56.53	6.368	57.13	55.4	61.77	59.13	0	0.007	26.14	5.473	-0.006	12.05
11/15/2011 0:00	20280	5.293	232	15.54	8.16	1.386	239.5	29.78	4.578	56.95	53.6	62.16	62.18	0	0.005	26.14	5.474	0.001	12.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/15/2011 1:00	20281	3.747	241.7	19.4	6.368	0.252	315	10.49	2.789	54.62	50.54	64.52	66.34	0	0.001	26.12	5.471	-0.003	12.09
11/15/2011 2:00	20282	2.406	227.6	31.83	4.578	0.672	124.5	34.31	4.578	52.99	48.9	65.77	67.85	0	0	26.11	5.468	-0.003	12.88
11/15/2011 3:00	20283	3.105	299.6	16.76	8.16	1.006	329.5	22.9	4.578	52.67	48.81	66.54	66.4	0	0	26.1	5.465	-0.003	16.31
11/15/2011 4:00	20284	4.326	284.9	23.19	6.368	1.916	259.3	33.88	4.578	51.27	48.8	68.58	66.7	0	0	26.09	5.465	0	12.01
11/15/2011 5:00	20285	4.469	253.2	34.85	8.16	2.268	235.9	45	6.368	47.21	45.05	74.59	71.54	0	0	26.08	5.462	-0.003	16.41
11/15/2011 6:00	20286	2.923	305.4	16.12	8.16	1.231	306.8	32.9	4.578	46.75	43.67	76.2	74.05	0	0	26.08	5.463	0.001	15.07
11/15/2011 7:00	20287	2.908	308	36.17	6.368	0.909	244.4	36.44	4.578	46.6	43.68	77.6	75.22	0	0	26.09	5.463	0	13.87
11/15/2011 8:00	20288	4.703	304	25.36	9.95	2.371	291.9	41.31	8.16	46.36	43.24	77.54	76.59	0	27.56	26.1	5.46	-0.003	14.57
11/15/2011 9:00	20289	6.97	325.9	9.09	11.74	5.289	322.7	9.28	9.95	53.09	52.69	57.35	54.08	0	210.5	26.14	5.459	-0.001	16
11/15/2011 10:00	20290	11.11	313.8	10.03	18.89	9.31	317.5	10.4	17.1	58.79	59.07	43.78	38.93	0	396.7	26.23	5.447	-0.011	11.98
11/15/2011 11:00	20291	14.34	313.7	10.12	22.47	12.14	317.1	11	18.89	63.2	63.78	32.3	27.58	0	544.6	26.27	5.427	-0.021	12.28
11/15/2011 12:00	20292	13.53	303.4	12.2	22.47	11.38	307.1	14.07	18.89	66.87	67.6	22.07	17.44	0	646	26.29	5.417	-0.01	12.28
11/15/2011 13:00	20293	12.16	306	16.54	20.68	9.84	309.5	19.02	17.1	69.33	70.39	15.65	10.97	0	688.1	26.27	5.407	-0.01	16.51
11/15/2011 14:00	20294	12.28	293.8	16.12	18.89	9.59	297.4	19.91	17.1	70.87	72.35	13.58	8.67	0	664.9	26.25	5.391	-0.017	12.29
11/15/2011 15:00	20295	11.88	289.4	15.55	18.89	7.509	270.8	45.33	22.47	71.35	72.24	14.32	9.54	0	576.8	26.23	5.357	-0.034	12.07
11/15/2011 16:00	20296	7.187	248.3	47.21	20.68	8.76	282.2	18.75	17.1	71.56	72.12	13.42	8.76	0	436.4	26.21	5.338	-0.019	12.15
11/15/2011 17:00	20297	11.86	281.2	14.89	18.89	9.42	281.2	17.65	17.1	70.6	71.11	22.45	17.58	0.11	253.5	26.19	4.615	-0.723	14.54
11/15/2011 18:00	20298	7.648	285.9	13.82	13.52	5.247	288.1	17.63	11.74	67.76	67.01	24.47	20.64	0	56.65	26.19	4.606	-0.009	12.43
11/15/2011 19:00	20299	2.49	287.2	9.09	8.16	0.926	349.7	47.87	4.578	62.01	58.8	29.01	27.01	0	0.266	26.17	4.594	-0.012	16.22
11/15/2011 20:00	20300	0.361	257.8	8.33	4.578	0.353	106.2	14.74	4.578	58.07	53.93	32.01	31.95	0	0.004	26.14	4.592	-0.002	12.27
11/15/2011 21:00	20301	1.294	292.2	9.91	6.368	0.424	79.02	4.706	2.789	55.9	50.95	32.99	35.03	0	0.002	26.14	4.59	-0.003	16.25
11/15/2011 22:00	20302	5.025	309.2	14.5	8.16	1.625	321.3	19.7	4.578	55.15	51.17	32.56	32.33	0	0	26.14	4.583	-0.006	16.39
11/15/2011 23:00	20303	8.13	321.9	7.106	11.74	5.477	321.3	9.02	9.95	53.17	51.53	35.34	32.43	0	0.001	26.15	4.577	-0.006	11.98
11/16/2011 0:00	20304	8.41	314.1	9.74	13.52	5.727	314.1	10.06	9.95	51.2	49.91	38.23	34.94	0	0.001	26.16	4.574	-0.003	16.22
11/16/2011 1:00	20305	7.408	319.6	8.12	15.31	4.905	320.2	8.4	8.16	50.04	48.77	39.79	36.41	0	0.001	26.16	4.571	-0.003	12.07
11/16/2011 2:00	20306	7.534	324.6	8.95	9.95	4.644	324.2	12.97	6.368	50.31	48.49	39.74	37.14	0	0.001	26.15	4.564	-0.006	14.49
11/16/2011 3:00	20307	8.76	358.9	23.33	17.1	5.786	0.74	25.63	13.52	48.63	47.8	41.83	37.96	0	0.001	26.15	4.555	-0.01	16.23
11/16/2011 4:00	20308	8.71	3.787	10.14	11.74	5.533	1.341	11.38	9.95	46.67	45.88	43.92	39.94	0	0	26.15	4.552	-0.003	15.67
11/16/2011 5:00	20309	8.33	358.2	8.76	11.74	5.171	357.6	10.69	9.95	44.22	43.58	49.11	44.49	0	0	26.14	4.549	-0.003	15.98
11/16/2011 6:00	20310	7.189	4.008	11.05	13.52	4.579	356.3	17.27	11.74	41.96	41.55	55.62	50.36	0	0	26.15	4.549	0.001	11.95
11/16/2011 7:00	20311	8.42	20.31	11.07	15.31	5.026	23.74	14.47	11.74	41.66	41.32	58.78	53.64	0	0	26.16	4.547	-0.003	16.27
11/16/2011 8:00	20312	5.126	355.6	16.71	9.95	3.341	347.9	20.52	8.16	39.56	39.18	61.58	56.19	0	26.69	26.19	4.544	-0.003	16.01
11/16/2011 9:00	20313	3.153	0.591	22.55	8.16	1.976	355.3	20.93	6.368	46.71	46.93	52.64	46.83	0	204.5	26.24	4.542	-0.001	12
11/16/2011 10:00	20314	2.57	31.4	15.98	6.368	1.603	26.87	18	6.368	54.42	54.86	42.67	37.59	0	395.2	26.34	4.541	-0.002	16.43
11/16/2011 11:00	20315	4.213	297	48.51	15.31	3.493	303.6	42.77	13.52	60.15	60.82	36.19	31.05	0	544.8	26.42	4.533	-0.008	16.45
11/16/2011 12:00	20316	11.44	320	14.77	18.89	9.67	321	14.9	17.1	61.57	62.44	32.29	27	0	649.9	26.44	4.52	-0.013	12.14
11/16/2011 13:00	20317	18.14	319.5	12.06	33.21	14.09	321.5	15.01	26.05	64.72	65.88	25.47	20.24	0	687.2	26.44	4.469	-0.051	12.15
11/16/2011 14:00	20318	15.94	331.2	14.35	26.05	13.27	330.8	15.34	24.26	65.46	66.56	23.47	18.3	0	666.8	26.44	4.466	-0.003	12.01
11/16/2011 15:00	20319	13.93	347.3	14.05	24.26	10.8	346.1	16.46	20.68	66.27	67.44	22.59	17.39	0	578.9	26.45	4.463	-0.003	12.01
11/16/2011 16:00	20320	14.7	9.98	12.83	26.05	10.59	11.53	15.39	20.68	65.07	65.87	24.8	19.71	0	436.7	26.47	4.453	-0.01	16.33
11/16/2011 17:00	20321	13	25.65	15.12	24.26	8.48	26.26	15.73	22.47	62.94	63.42	26.01	21.14	0	258.1	26.48	4.441	-0.013	12
11/16/2011 18:00	20322	12.74	45.28	10.52	20.68	6.997	42.66	13.8	15.31	58.87	58.78	31	26.42	0	57.69	26.48	4.426	-0.014	11.8
11/16/2011 19:00	20323	12.93	54.91	11.14	20.68	7.725	53.43	16.28	13.52	53.53	53.19	38.14	33.54	0	0.229	26.47	4.414	-0.012	14.48
11/16/2011 20:00	20324	14.24	54.92	9.22	22.47	8.66	54.46	14.87	17.1	49.87	49.52	42.8	38.14	0	0	26.47	4.406	-0.008	16.3
11/16/2011 21:00	20325	15.03	67.11	8.13	24.26	9.53	65.88	15.02	18.89	47.26	46.84	45.8	41.13	0	0	26.48	4.396	-0.009	12.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/16/2011 22:00	20326	17.1	69.07	8.19	26.05	11.04	66.92	15.65	20.68	45.23	44.91	47.05	42.28	0	0	26.48	4.387	-0.009	15.77
11/16/2011 23:00	20327	15.65	75.44	9.17	24.26	9.55	73.86	17.05	18.89	42.85	42.47	46.48	41.8	0	0	26.5	4.381	-0.006	12.38
11/17/2011 0:00	20328	12.8	70.97	8.84	22.47	7.919	69.44	16.24	17.1	40.02	39.66	47.61	42.83	0	0	26.5	4.372	-0.009	13.65
11/17/2011 1:00	20329	9.29	54.59	11.14	20.68	5.542	53.64	16.19	15.31	37.41	37.1	46.82	42.03	0	0	26.52	4.369	-0.003	12.07
11/17/2011 2:00	20330	8.25	52.31	10.41	15.31	4.715	52.97	16.24	11.74	34.81	34.44	46.4	41.71	0	0	26.53	4.369	0	15.74
11/17/2011 3:00	20331	5.937	81.1	27.94	13.52	2.836	86.2	29.98	9.95	32.29	31.29	48.27	44.37	0	0	26.54	4.367	-0.002	15.38
11/17/2011 4:00	20332	5.816	48.91	20.9	11.74	2.98	49.79	20.65	9.95	31.23	30.59	49.44	44.98	0	0	26.54	4.364	-0.003	11.9
11/17/2011 5:00	20333	10.36	49.01	9.21	17.1	5.654	46.28	14.03	11.74	30.21	29.99	51.22	46.01	0	0	26.51	4.364	0	12.03
11/17/2011 6:00	20334	8.37	49.27	10.29	15.31	4.67	47.73	15.73	11.74	28.97	28.77	54.97	49.5	0	0	26.52	4.361	-0.003	12.11
11/17/2011 7:00	20335	4.404	36.82	22.33	9.95	2.11	42.22	22.62	6.368	28.04	27.73	59.13	53.7	0	0	26.53	4.355	-0.006	12.05
11/17/2011 8:00	20336	4.59	22.07	13.32	8.16	2.038	23.36	18.02	6.368	28.31	27.91	60.49	54.95	0	25.21	26.54	4.349	-0.006	11.85
11/17/2011 9:00	20337	7.101	56.64	19.62	13.52	4.43	55.01	20.47	9.95	31.92	32.51	55.46	48.95	0	201.9	26.57	4.351	0.002	15.76
11/17/2011 10:00	20338	8.73	101.4	12.71	13.52	6.086	103.3	20.5	11.74	36.6	38.38	46.32	39.58	0	399.5	26.61	4.346	-0.005	11.94
11/17/2011 11:00	20339	8.95	130.5	25.5	17.1	6.245	133.6	31.72	13.52	41.95	44.21	38.08	31.58	0	560.9	26.64	4.345	-0.001	12.07
11/17/2011 12:00	20340	11	166	16.09	17.1	7.448	171.8	21.4	15.31	45.29	47.8	36.11	29.25	0	666.8	26.65	4.338	-0.007	16.45
11/17/2011 13:00	20341	9.76	166.6	20.66	27.84	6.863	172.7	25.76	18.89	48.71	51.14	33.35	26.81	0	709.6	26.63	4.338	0	12.76
11/17/2011 14:00	20342	12.73	182.6	14.35	20.68	8.76	187.2	18.8	17.1	51.14	53.73	31.68	25.03	0	682.6	26.59	4.325	-0.013	16.02
11/17/2011 15:00	20343	13.05	179.4	15.14	22.47	8.78	184.7	19.42	17.1	52.94	55.29	32.89	26.29	0	591.3	26.55	4.314	-0.01	11.97
11/17/2011 16:00	20344	14.7	181.5	11.08	22.47	9.81	186	16.05	18.89	53.69	55.45	31.86	25.75	0	444.5	26.51	4.296	-0.018	16.15
11/17/2011 17:00	20345	12.82	184.2	10.69	20.68	8.4	188.6	15.64	17.1	53.82	55.04	31.81	26.21	0	259.6	26.48	4.287	-0.009	12.13
11/17/2011 18:00	20346	10.03	176.5	7.82	17.1	5.928	179.9	13.92	13.52	51.78	51.55	33.86	29.47	0	57.15	26.44	4.271	-0.016	12.73
11/17/2011 19:00	20347	6.545	169.6	8.47	9.95	2.082	170.6	11.37	6.368	46.03	43.52	39.38	37.03	0	0.237	26.39	4.263	-0.008	12
11/17/2011 20:00	20348	2.875	143.2	30.76	6.368	0.655	75.3	19.49	4.578	43.42	41.4	42.3	39.82	0	0	26.35	4.261	-0.002	12.03
11/17/2011 21:00	20349	4.164	131.2	13.79	6.368	1.759	92.2	17.97	2.789	42.81	40.44	43.05	40.97	0	0	26.33	4.261	0	14.65
11/17/2011 22:00	20350	5.599	121	7.661	8.16	2.118	88.7	11.76	4.578	42.76	39.49	44.71	43.29	0	0	26.32	4.255	-0.006	16.15
11/17/2011 23:00	20351	3.893	136.4	19.3	6.368	1.051	80.4	14.72	2.789	41.92	39.43	49.63	47.44	0	0	26.31	4.252	-0.003	12.05
11/18/2011 0:00	20352	3.846	152.5	14.33	6.368	0.562	113.4	11.41	2.789	40.43	38.15	57.38	54.29	0	0	26.28	4.252	0	12.18
11/18/2011 1:00	20353	4.753	183.8	11.41	8.16	0.826	198.4	10.89	4.578	38.33	36.19	67.21	63.45	0	0	26.26	4.249	-0.003	15.94
11/18/2011 2:00	20354	7.421	183	5.881	9.95	3.055	190.7	11.44	4.578	38.16	35.98	72.94	68.87	0	0	26.23	4.242	-0.006	11.69
11/18/2011 3:00	20355	7.477	187	6.369	9.95	3.12	190.7	11.5	6.368	37.08	35.18	78.34	73.75	0	0	26.22	4.242	0	14.22
11/18/2011 4:00	20356	5.549	181.3	6.915	9.95	1.31	187.1	8.41	6.368	37.18	35.03	83.1	78.29	0	0	26.21	4.242	0	14.92
11/18/2011 5:00	20357	5.288	192	10.17	8.16	1.278	186.6	9.6	4.578	37.31	35.4	86.7	81.1	0	0	26.2	4.242	0	12.08
11/18/2011 6:00	20358	5.553	195.5	12.57	8.16	1.084	192.4	10.22	4.578	36.91	34.83	89.5	82.7	0	0	26.19	4.242	0	12.02
11/18/2011 7:00	20359	5.868	189.1	6.139	8.16	1.111	187.5	7.635	4.578	36.77	34.41	92.2	84.1	0	0	26.18	4.243	0.001	11.96
11/18/2011 8:00	20360	6.227	200.9	7.395	9.95	2.796	203.4	11.34	6.368	36.4	35.26	93.5	85.5	0	24.83	26.19	4.242	-0.001	12.01
11/18/2011 9:00	20361	9.23	197.6	9.81	17.1	6.115	203.7	14.23	13.52	40.22	40.37	93.4	86.2	0	143.4	26.21	4.239	-0.003	12.14
11/18/2011 10:00	20362	13.69	184.2	9.25	20.68	9.09	189.4	14.8	15.31	45.49	46.8	80.5	71.68	0	379.6	26.25	4.241	0.002	12.11
11/18/2011 11:00	20363	12.27	193.7	11.59	18.89	8.56	198.7	15.8	15.31	50.97	52.86	67.63	58.69	0	555.7	26.3	4.239	-0.001	12.07
11/18/2011 12:00	20364	12.16	203.3	11.9	18.89	8.73	207.5	15.1	15.31	57.13	59.16	54	46.16	0	653.4	26.32	4.235	-0.004	14.69
11/18/2011 13:00	20365	14.63	206.6	10.7	24.26	10.43	210	14.11	22.47	61.53	63.69	45.71	38.38	0	688.9	26.31	4.232	-0.003	16.14
11/18/2011 14:00	20366	16.15	209.8	10.88	24.26	11.3	212	13.95	18.89	64.76	66.85	39.41	32.64	0	663.2	26.29	4.212	-0.019	12.26
11/18/2011 15:00	20367	14.74	214.7	15.23	22.47	10.36	216.4	17	18.89	69.27	70.86	30.24	24.55	0	570.3	26.27	4.193	-0.019	12.15
11/18/2011 16:00	20368	18.03	228	10.78	27.84	12.37	228.1	15.22	22.47	72.69	73.45	19.41	14.74	0	429.1	26.24	4.165	-0.028	12.72
11/18/2011 17:00	20369	20.6	224.3	8.78	31.42	14.02	224.6	13.05	26.05	72.73	73.08	17.37	12.97	0	252.8	26.22	4.143	-0.022	13.15
11/18/2011 18:00	20370	14.98	228.3	8.29	26.05	10.1	228.1	13.16	20.68	70.43	69.87	17.3	13.3	0	54.37	26.2	4.124	-0.019	16.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/18/2011 19:00	20371	10.68	226.7	10.59	17.1	6.388	227.2	13.88	11.74	65.32	63.89	20.58	17.18	0	0.185	26.18	4.112	-0.011	16.45
11/18/2011 20:00	20372	8.85	228.6	16.8	11.74	4.855	232.2	21.11	8.16	62.43	60.17	22.78	20.07	0	0.009	26.16	4.103	-0.009	16.29
11/18/2011 21:00	20373	12.34	214.8	8.5	18.89	7.375	216.1	11.94	13.52	60.21	58.57	24.01	20.93	0	0.008	26.14	4.097	-0.006	15.87
11/18/2011 22:00	20374	10.73	205.6	18.32	18.89	6.389	206	22.26	15.31	59.19	57.91	26.49	22.53	0	0.006	26.14	4.084	-0.013	16.28
11/18/2011 23:00	20375	9.98	194.6	12.96	22.47	5.879	199.8	17.96	17.1	51.82	50.67	58.81	54.1	0	0.001	26.14	4.079	-0.005	12
11/19/2011 0:00	20376	11.22	208.1	14.59	22.47	6.893	211.5	17.17	17.1	49.34	48.6	71.48	66.32	0	0.001	26.13	4.076	-0.003	16.17
11/19/2011 1:00	20377	9.18	217	7.929	24.26	5.471	219.3	11.42	13.52	47.83	46.81	79.76	74.42	0	0	26.12	4.069	-0.006	12.08
11/19/2011 2:00	20378	9.94	206.1	15.68	18.89	5.47	205	18.81	13.52	47.92	46.52	82.7	78.07	0	0	26.1	4.07	0	16.1
11/19/2011 3:00	20379	7.99	216.9	12	11.74	4.237	218.9	16.47	8.16	46.84	45.5	87.7	82	0	0	26.1	4.07	0	16.15
11/19/2011 4:00	20380	6.415	211.1	22.76	11.74	3.046	209.7	27.85	6.368	44.21	42.83	92.7	84.9	0	0	26.09	4.07	0	12.11
11/19/2011 5:00	20381	5.452	227	13.97	9.95	3.114	233	19.64	6.368	43.74	43.4	94.9	87.2	0	0	26.08	4.07	0	14.9
11/19/2011 6:00	20382	5.212	208	17.98	9.95	2.124	205.4	21.97	6.368	41.53	40.59	94.9	87.2	0	0	26.08	4.07	0	11.94
11/19/2011 7:00	20383	4.386	211.7	27.78	9.95	1.366	218.5	43.71	6.368	41.35	39.5	95.4	85.4	0	0	26.06	4.068	-0.003	16.16
11/19/2011 8:00	20384	2.23	253.6	27.67	6.368	1.139	321.7	8.33	4.578	41.2	39.67	95.3	78.55	0	25.45	26.07	4.068	0	11.97
11/19/2011 9:00	20385	3.018	217.4	12.5	6.368	1.189	215.5	11.64	4.578	45.52	44.15	79.43	82.3	0	184.5	26.12	4.07	0.002	11.99
11/19/2011 10:00	20386	6.038	205.4	10.77	11.74	4.567	209	12.76	11.74	53.87	54.36	56.1	57.27	0	404.6	26.2	4.068	-0.002	11.97
11/19/2011 11:00	20387	10.22	202.9	10.58	17.1	7.267	207.1	14.02	13.52	59.47	60.88	40.39	35.02	0	463.9	26.26	4.064	-0.004	15.51
11/19/2011 12:00	20388	12.32	213.7	12.55	22.47	8.82	216.4	14.84	17.1	66.79	68.58	29.27	24.02	0	669.5	26.28	4.06	-0.004	12.35
11/19/2011 13:00	20389	16.35	231.2	11.54	27.84	11.14	231.3	16.11	20.68	70.04	70.96	21.66	17.05	0	372.8	26.28	4.051	-0.01	16.45
11/19/2011 14:00	20390	18.49	233	10.56	27.84	12.72	233.5	16.31	22.47	70.5	71.04	21.54	17.05	0	318.4	26.23	4.035	-0.016	12.12
11/19/2011 15:00	20391	16.99	233.4	10.63	29.63	11.62	233.3	16.35	20.68	71.05	71.63	20.96	16.42	0	322.8	26.21	4.022	-0.013	12.13
11/19/2011 16:00	20392	15.29	242.1	10.07	24.26	10.3	242.9	16.94	18.89	71.85	72.19	18.27	13.94	0	221.1	26.21	4.003	-0.019	12.15
11/19/2011 17:00	20393	11.68	232.2	10.65	18.89	7.85	232.4	16.41	15.31	71.36	71.36	17.48	13.33	0	122.9	26.22	3.984	-0.019	12.04
11/19/2011 18:00	20394	13.01	218.2	9.04	22.47	8.57	219.4	11.99	17.1	69.15	68.55	19.05	15.22	0	41.36	26.22	3.968	-0.016	12.12
11/19/2011 19:00	20395	15.75	219.2	7.532	26.05	10.33	220.3	11.23	18.89	65.62	64.86	21.45	17.69	0	0.094	26.22	3.951	-0.018	12.2
11/19/2011 20:00	20396	17.03	219.3	8.7	26.05	11.15	220.6	12.04	18.89	63.66	63.08	21.82	17.88	0	0.025	26.22	3.938	-0.013	16.29
11/19/2011 21:00	20397	13.51	239.9	11	26.05	8.99	240.2	17.05	18.89	63.23	62.86	23.01	18.95	0	0.019	26.23	3.916	-0.022	14.19
11/19/2011 22:00	20398	10.79	242.1	10.38	22.47	6.751	242	16.96	15.31	62.35	61.68	25.54	21.67	0	0.018	26.24	3.91	-0.006	12.14
11/19/2011 23:00	20399	8.2	259.9	9.53	13.52	5.127	261.1	10.79	11.74	60.2	59.26	28.6	25	0	0.013	26.25	3.903	-0.006	16.15
11/20/2011 0:00	20400	6.78	241.9	10.4	11.74	3.203	240	16.94	8.16	58.91	57.46	30.32	27.29	0	0.008	26.25	3.897	-0.006	12.68
11/20/2011 1:00	20401	5.751	289.9	21.66	9.95	2.151	299.5	21.83	4.578	57.89	55.33	31.71	29.89	0	0.004	26.24	3.894	-0.003	12.01
11/20/2011 2:00	20402	9.45	306.4	8.65	15.31	6.282	312	10.93	13.52	59.17	57.58	30.91	28.2	0	0.009	26.23	3.881	-0.013	14.2
11/20/2011 3:00	20403	6.425	275.2	47.6	13.52	4.241	278.8	55.12	9.95	58.08	56.2	32.65	30.22	0	0.012	26.24	3.881	0	13.59
11/20/2011 4:00	20404	5.617	167.9	13.01	11.74	2.646	165	16.38	6.368	54.47	52.69	36.06	33.47	0	0.003	26.25	3.879	-0.002	11.96
11/20/2011 5:00	20405	2.964	187.9	25.98	6.368	0.557	79.54	33.4	2.789	52.78	50.3	36.56	35.39	0	0.001	26.25	3.876	-0.003	15.55
11/20/2011 6:00	20406	2.073	316.8	24.43	6.368	1.122	40.81	47.95	4.578	52.96	49.51	35.74	36	0	0	26.24	3.873	-0.003	15.42
11/20/2011 7:00	20407	1.265	309.9	7.287	4.578	0.869	84	12.24	4.578	54.17	48.25	34.03	39.06	0	0	26.25	3.87	-0.003	14.47
11/20/2011 8:00	20408	1.418	351.8	9.22	4.578	1.175	70.8	21.79	4.578	56.01	51.04	32.78	35.37	0	8.57	26.26	3.87	0	12.1
11/20/2011 9:00	20409	2.876	50.72	6.898	15.31	1.934	50.82	13.47	9.95	56.06	52.39	34.15	35.92	0	60.03	26.3	3.87	0	12
11/20/2011 10:00	20410	12.58	46.79	12.33	20.68	7.228	46.31	15.31	15.31	49.55	50.05	46.25	40.75	0	145.8	26.35	3.866	-0.003	12.05
11/20/2011 11:00	20411	12.19	39.62	12.28	18.89	7.117	39.44	13.7	15.31	50.69	51.76	45.78	39.71	0	531.9	26.38	3.862	-0.004	12.02
11/20/2011 12:00	20412	11.49	42.83	12.97	18.89	6.921	41.46	15.1	15.31	54.97	56.47	40.7	34.54	0	602.9	26.43	3.855	-0.007	16.17
11/20/2011 13:00	20413	11.4	52.93	13	18.89	7.128	50.41	16.91	13.52	57.33	59.18	37.86	31.63	0	621	26.43	3.848	-0.007	12.01
11/20/2011 14:00	20414	10.71	69.91	13.62	17.1	7.189	67.69	19.96	13.52	59.69	61.96	35.1	28.68	0	544.1	26.42	3.835	-0.013	12.49
11/20/2011 15:00	20415	10.52	73.07	12.06	17.1	7.268	71.51	19.04	13.52	61.14	63.18	33.67	27.52	0	472.6	26.4	3.823	-0.013	14.47

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/20/2011 16:00	20416	9.53	79.81	15.07	15.31	6.57	79.18	21.72	11.74	61.9	63.47	34.58	28.77	0	316.7	26.39	3.813	-0.01	13.57
11/20/2011 17:00	20417	9.75	93.7	11.91	15.31	6.724	95.2	18.82	11.74	62.8	64.24	37.97	32.23	0	252.3	26.38	3.804	-0.009	12.24
11/20/2011 18:00	20418	7.51	87.7	11.27	13.52	4.553	88.8	17.01	9.95	60.53	60.3	42.77	38.31	0	55.14	26.38	3.795	-0.008	12.13
11/20/2011 19:00	20419	8.16	85.4	8.61	11.74	4.379	85.7	15.79	8.16	54.53	53.36	57.38	53.05	0	0.136	26.35	3.783	-0.012	12.29
11/20/2011 20:00	20420	8.63	93.3	10.44	13.52	5.173	93.9	17.25	9.95	51.08	50.37	64.32	59.9	0	0.002	26.34	3.774	-0.008	11.98
11/20/2011 21:00	20421	8.08	95.6	8.93	13.52	4.984	93.3	15.29	8.16	48.85	48.07	65.96	61.8	0	0	26.33	3.771	-0.003	12.02
11/20/2011 22:00	20422	7.492	91.2	9.03	11.74	4.582	91.5	15.95	8.16	47.38	46.92	66.59	61.88	0	0	26.33	3.765	-0.006	16.01
11/20/2011 23:00	20423	6.675	82.1	12.78	9.95	3.811	81	18.45	8.16	44.51	44.06	71.18	66.13	0	0	26.33	3.762	-0.003	16.23
11/21/2011 0:00	20424	8.89	68.25	11.28	15.31	5.593	67.6	16.8	11.74	43.1	43.02	76.02	69.82	0	0	26.31	3.756	-0.006	12.05
11/21/2011 1:00	20425	7.759	89.1	10.8	17.1	5.08	87.9	19.37	9.95	44.23	44.65	89	80.4	0	0	26.3	3.756	0	12.03
11/21/2011 2:00	20426	7.571	82.8	11.74	11.74	4.844	81.1	19.32	9.95	46.78	47.1	94.8	86.6	0	0	26.29	3.752	-0.003	12.17
11/21/2011 3:00	20427	7.519	67.02	10.8	11.74	4.706	66.06	16.37	9.95	47.57	47.88	95.7	88	0	0.003	26.29	3.755	0.003	11.99
11/21/2011 4:00	20428	7.483	53.32	9.62	11.74	4.483	53.21	15.98	8.16	47.34	47.64	96.1	78.23	0	0.002	26.28	3.755	0	16.07
11/21/2011 5:00	20429	9.91	57.87	9.41	15.31	6.221	57.65	15.38	11.74	47.05	47.18	96.2	73.46	0	0.002	26.27	3.755	0	12.04
11/21/2011 6:00	20430	11.34	72.3	9.03	17.1	7.276	71.06	16.48	13.52	46.76	47.15	96.4	70.06	0	0.001	26.27	3.755	0	14.45
11/21/2011 7:00	20431	12.15	76.7	10.12	20.68	7.609	76.18	17.81	17.1	46.46	46.88	96.6	69.52	0	0.002	26.26	3.755	0	16.01
11/21/2011 8:00	20432	11.73	69.64	11.53	18.89	7.473	69.04	17.84	15.31	46.12	46.57	96.7	70.88	0	1.566	26.26	3.755	0	11.96
11/21/2011 9:00	20433	11.8	75.65	11.88	20.68	7.503	74.67	19.5	15.31	45.61	46.11	96.8	71.87	0	12.64	26.26	3.755	0	12.09
11/21/2011 10:00	20434	11.92	80.4	13.02	20.68	7.65	80.3	20.04	15.31	45.55	46.05	96.8	73.26	0	35.2	26.26	3.755	0	14.32
11/21/2011 11:00	20435	12.49	82.7	9.23	20.68	8.1	83.8	16.97	15.31	45.44	46.16	96.9	76.61	0	77.15	26.24	3.755	0	16.36
11/21/2011 12:00	20436	6.985	76.2	27.64	17.1	4.729	76.45	30.51	13.52	46.35	47.32	97.1	80.2	0	100.1	26.25	3.755	0	16.31
11/21/2011 13:00	20437	6.653	73.95	13.47	9.95	4.554	73.05	19.9	8.16	46.82	48.11	97.1	85.8	0	129.1	26.23	3.755	0	12.04
11/21/2011 14:00	20438	6.743	85.7	13.92	11.74	4.889	85.3	20.44	8.16	47.74	49.34	97.2	89.1	0	186.8	26.2	3.755	0	11.94
11/21/2011 15:00	20439	5.309	108.2	28.99	11.74	4.037	109.8	35.22	9.95	50.29	52.41	97.4	92.2	0	198.1	26.19	3.757	0.002	11.98
11/21/2011 16:00	20440	3.69	242.2	51.48	6.368	2.783	256	48.45	6.368	52.89	54.9	92.8	86.1	0	148.8	26.22	3.757	0	13.32
11/21/2011 17:00	20441	3.57	252.8	62.98	9.95	2.71	263.6	58.07	8.16	51	58.97	79.08	72.36	0	194.1	26.24	3.757	0	16.35
11/21/2011 18:00	20442	8.26	296.5	23.32	20.68	6.494	299.4	24.96	17.1	41.33	56.66	74.74	68.83	0	41.14	26.27	3.751	-0.006	12.12
11/21/2011 19:00	20443	4.461	333.6	19.99	9.95	2.552	337.5	19.18	8.16	35.93	52.18	70.84	66.5	0	0.144	26.25	3.752	0.001	16.29
11/21/2011 20:00	20444	2.187	192.3	53.69	6.368	1.655	137.5	34.76	4.578	32.93	48.31	73.5	71.63	0	0	26.24	3.749	-0.003	13.97
11/21/2011 21:00	20445	4.068	50.88	47.83	13.52	2.7	65.1	42.25	8.16	34.25	50.01	64.44	63.68	0	0.001	26.25	3.749	0	12.06
11/21/2011 22:00	20446	5.139	278.8	49.53	11.74	2.783	305.1	57.16	8.16	33.51	48.39	62.38	62.97	0	0.001	26.26	3.749	0	12.08
11/21/2011 23:00	20447	12.2	290.7	7.905	27.84	8.92	293.2	10.74	20.68	35.64	51.58	59.48	56.8	0	0.001	26.27	3.733	-0.016	12.11
11/22/2011 0:00	20448	7.965	292.1	7.307	13.52	5.103	296.1	9.77	9.95	31.4	48.36	63.22	60.22	0	0.001	26.3	3.733	0	11.98
11/22/2011 1:00	20449	6.15	254.4	46.23	13.52	3.107	244.7	59.52	8.16	27.35	43.25	67.61	67.26	0	0	26.29	3.733	0	13.86
11/22/2011 2:00	20450	6.59	263.8	22.51	13.52	3.043	279.9	23	9.95	26.54	42.16	67.65	68.38	0	0	26.28	3.734	0.001	11.99
11/22/2011 3:00	20451	6.011	218.5	37.77	11.74	3.354	201.6	56.49	8.16	26.16	41.49	66.72	68.27	0	0	26.27	3.734	0	12.11
11/22/2011 4:00	20452	7.047	235.5	7.794	11.74	2.744	233.3	13.88	6.368	24.95	41.85	67.79	67.09	0	0	26.27	3.734	0	11.95
11/22/2011 5:00	20453	5.852	259	17.53	9.95	2.795	252.8	19.39	6.368	25.54	43.03	66.34	64.8	0	0	26.27	3.734	0	12.88
11/22/2011 6:00	20454	6.675	276.8	13.44	11.74	3.506	277.7	16.86	8.16	25.98	43.68	63.81	62.67	0	0	26.28	3.734	0	16.2
11/22/2011 7:00	20455	7.897	286.7	7.971	15.31	4.61	286.7	12.61	9.95	24.57	42.16	67.09	65.29	0	0	26.3	3.734	0	11.95
11/22/2011 8:00	20456	10.39	300.3	8.66	15.31	7.416	303.9	10.27	13.52	26.56	42.06	68.51	65.13	0	18.5	26.32	3.728	-0.006	12.15
11/22/2011 9:00	20457	12.67	306	8.77	20.68	10.29	309.2	8.84	17.1	28.16	47.62	61.29	56.4	0	183.7	26.37	3.721	-0.007	16.35
11/22/2011 10:00	20458	16.54	313.1	7.981	26.05	13.46	315.4	9.45	22.47	34.08	53.83	51.54	46.46	0	363.1	26.44	3.707	-0.014	16.3
11/22/2011 11:00	20459	15.86	313.8	9.59	26.05	13.36	315.6	10.5	24.26	45.61	59.29	42.63	37.53	0	513.7	26.5	3.71	0.003	12.05
11/22/2011 12:00	20460	13.79	330	15.13	20.68	10.75	329.2	18.4	18.89	57.45	64.01	35.21	29.9	0	616.3	26.53	3.705	-0.004	16.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/22/2011 13:00	20461	13.08	339.6	15.07	20.68	10.42	340	17.1	18.89	65.24	66.48	30.55	25.24	0	659.3	26.54	3.699	-0.006	12
11/22/2011 14:00	20462	9.84	342.1	17.43	20.68	7.925	342.5	19.57	18.89	67.33	68.41	27.22	22.07	0	637.3	26.53	3.692	-0.007	12.12
11/22/2011 15:00	20463	9.55	334.3	21.52	17.1	7.647	335.3	22.65	15.31	68.35	69.33	25.89	20.78	0	551.9	26.53	3.679	-0.013	12.15
11/22/2011 16:00	20464	8.69	329.6	26.71	15.31	6.745	331.1	29.21	13.52	68.97	69.66	24.69	19.79	0	414.5	26.53	3.661	-0.019	12.17
11/22/2011 17:00	20465	8.2	332.7	18.22	15.31	6.226	333.2	20.24	13.52	68.5	69.04	23.78	19.04	0	242.3	26.52	3.651	-0.009	12.36
11/22/2011 18:00	20466	5.517	340.7	11.02	9.95	3.482	343.8	13.89	8.16	66.15	65.03	24.99	21.83	0	50.41	26.51	3.645	-0.006	15.92
11/22/2011 19:00	20467	3.34	12.83	12.75	6.368	0.938	54.96	28.49	4.578	60.81	56.03	29.5	29.98	0	0.151	26.47	3.637	-0.009	14.26
11/22/2011 20:00	20468	2.679	11.78	15.28	4.578	0.363	357.1	32.62	4.578	58.87	50.55	31.38	35.87	0	0.001	26.45	3.628	-0.008	12.33
11/22/2011 21:00	20469	3.379	115.9	41.7	13.52	1.448	106.2	37.46	9.95	52.1	47.26	48.81	46.41	0	0	26.45	3.625	-0.003	15.45
11/22/2011 22:00	20470	4.344	109.8	11.38	6.368	2.287	75.27	10.32	4.578	48.13	45.99	75.6	69.74	0	0	26.46	3.622	-0.003	12.05
11/22/2011 23:00	20471	4.008	104.5	12.24	8.16	1.62	82.8	11.18	4.578	43.57	44.39	84.7	79.64	0	0	26.46	3.62	-0.003	12.06
11/23/2011 0:00	20472	2.413	103.6	13.66	6.368	0.837	82	11.57	4.578	29.15	43.86	88.1	83.5	0	0	26.46	3.62	0	12.06
11/23/2011 1:00	20473	4.121	101.6	15.45	6.368	1.721	83.5	17.15	4.578	26.55	42.2	91.6	85.1	0	0	26.46	3.62	0	11.95
11/23/2011 2:00	20474	1.865	112.3	27.67	4.578	0.511	59.11	12.74	4.578	25.23	41.61	94.4	87.3	0	0	26.46	3.617	-0.003	12.11
11/23/2011 3:00	20475	0.984	311.8	14.8	4.578	0.127	19.88	8.93	2.789	25.02	39.43	95.4	87.7	0	0	26.45	3.617	0	16.09
11/23/2011 4:00	20476	2.058	329.3	14.94	4.578	0.43	109.5	7.856	2.789	23.92	35.57	95.6	87.4	0	0	26.43	3.617	0	12.07
11/23/2011 5:00	20477	2.987	31.04	14.26	8.16	2.065	53.37	17.75	6.368	22.29	36.1	95.3	87.9	0	0	26.42	3.617	0	15.16
11/23/2011 6:00	20478	2.677	21.6	9.68	8.16	1.51	41.01	23.21	6.368	19.78	35.83	94.2	87.7	0	0	26.43	3.614	-0.003	12.14
11/23/2011 7:00	20479	1.829	20.1	11.55	6.368	0.318	24.38	18.9	4.578	20.3	35.4	92.6	87.5	0	0	26.44	3.611	-0.003	16.31
11/23/2011 8:00	20480	2.551	22.65	11.65	6.368	0.657	43.44	14.02	4.578	22.4	36.74	91.8	87.9	0	15.87	26.44	3.611	0	11.94
11/23/2011 9:00	20481	1.08	36.92	18.95	6.368	0.227	56.38	14.15	4.578	27.71	44.56	80.5	81.8	0	174.4	26.49	3.61	-0.001	11.93
11/23/2011 10:00	20482	3.411	126.2	41.3	9.95	2.014	140.1	32.58	8.16	36.69	55.26	69.63	63.04	0	361.7	26.57	3.612	0.002	13.58
11/23/2011 11:00	20483	6.902	182.6	18	11.74	5.103	188.8	21.92	9.95	42.95	60.79	53.01	46.19	0	508.9	26.64	3.607	-0.004	12.17
11/23/2011 12:00	20484	7.693	191	17.68	13.52	5.86	198.1	21.27	9.95	47.04	64.99	38.96	32.97	0	609.9	26.66	3.607	0	14.95
11/23/2011 13:00	20485	10.8	200.4	14.14	18.89	8.01	204.9	17.25	15.31	51.75	68.53	30	24.19	0	653.6	26.65	3.601	-0.007	12.18
11/23/2011 14:00	20486	12.31	194	15.69	22.47	8.79	199	19.03	17.1	55.98	70.1	26.18	20.42	0	633	26.63	3.594	-0.006	12.26
11/23/2011 15:00	20487	11.48	193.2	15.2	20.68	8.15	197.5	19.15	18.89	53.72	70.68	24.42	18.8	0	551.1	26.6	3.581	-0.013	12.17
11/23/2011 16:00	20488	10.54	195.4	15	17.1	7.542	199.9	18.26	15.31	60.58	70.69	23.08	17.81	0	416	26.59	3.572	-0.009	12.19
11/23/2011 17:00	20489	10.76	186.5	12.24	17.1	7.197	190.8	16.36	13.52	68.62	69.69	22.72	17.76	0	243.8	26.57	3.547	-0.025	12.39
11/23/2011 18:00	20490	8.64	167.3	14.27	15.31	4.468	167.7	20.55	11.74	65.25	64.18	24.22	20.81	0	51.77	26.54	3.531	-0.016	16.05
11/23/2011 19:00	20491	6.191	148.5	5.81	8.16	2.013	111.7	13.09	4.578	58.05	53.7	29.09	28.54	0	0.094	26.5	3.523	-0.009	15.78
11/23/2011 20:00	20492	7.474	129.4	8.32	9.95	3.195	89.4	8.81	4.578	56.72	50.5	29.69	31.22	0	0.001	26.47	3.514	-0.008	16.31
11/23/2011 21:00	20493	8.09	113.8	4.52	9.95	3.469	92.8	10.28	4.578	53.66	49.05	32.74	32.73	0	0.001	26.45	3.508	-0.006	12.29
11/23/2011 22:00	20494	9.01	121.7	5.48	11.74	3.804	109.3	13.52	8.16	53.01	49.07	33.51	32.92	0	0.001	26.45	3.505	-0.003	16.15
11/23/2011 23:00	20495	9.16	135.2	7.373	11.74	4.248	131.6	16.07	8.16	52.26	49.45	38.41	36.33	0	0	26.45	3.502	-0.003	16.25
11/24/2011 0:00	20496	8.63	138.8	6.581	13.52	3.851	134	15.06	8.16	50.09	47.42	43.97	41.99	0	0	26.44	3.498	-0.003	11.99
11/24/2011 1:00	20497	8.51	142.2	7.546	20.68	3.82	133.7	16.89	8.16	49.46	46.77	47.24	45.35	0	0	26.42	3.489	-0.01	14.79
11/24/2011 2:00	20498	4.248	158.7	24.04	8.16	0.657	143.1	26.56	4.578	45.62	42.77	53.85	52.31	0	0	26.41	3.486	-0.003	15.3
11/24/2011 3:00	20499	4.936	129.5	27.21	8.16	2.144	92.3	35.51	4.578	46.09	43.41	55.75	53.64	0	0	26.39	3.484	-0.003	16.3
11/24/2011 4:00	20500	5.957	170	11.99	9.95	1.325	167.5	17.6	4.578	40.37	40.93	63.59	62.08	0	0	26.38	3.484	0	11.94
11/24/2011 5:00	20501	6.3	157.6	12.18	9.95	1.766	155.9	21.17	4.578	27.5	40.88	70.85	69.07	0	0	26.35	3.481	-0.003	16.33
11/24/2011 6:00	20502	3.753	155.1	18.43	8.16	0.395	140.4	14.52	4.578	26.75	40.7	75.07	72.95	0	0	26.35	3.481	0	15.85
11/24/2011 7:00	20503	2.902	118.8	14.84	6.368	1.193	77.63	10.87	4.578	26.57	41.77	76.27	73.48	0	0	26.35	3.484	0.003	12.05
11/24/2011 8:00	20504	5.436	107.4	8.93	8.16	2.95	77.17	11.01	4.578	29.03	41.55	76.33	73.68	0	14.18	26.36	3.481	-0.003	11.97
11/24/2011 9:00	20505	5.685	130.2	24.58	11.74	3.347	123.4	36.19	8.16	47.55	47.75	73.88	67.36	0	174.2	26.38	3.48	-0.001	14.19

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/24/2011 10:00	20506	11.49	181.7	10.4	18.89	7.645	186.7	15.94	13.52	53.74	54.9	63.27	56.25	0	351.4	26.44	3.478	-0.001	12.07
11/24/2011 11:00	20507	13.22	183.6	10.5	20.68	8.86	188.2	16.03	15.31	58.5	60.76	52.98	46.13	0	459.6	26.49	3.478	0	12.05
11/24/2011 12:00	20508	10.7	186.6	14.75	17.1	7.713	191.8	18.31	13.52	48.43	64.9	46.18	39.23	0	550.7	26.5	3.474	-0.004	12.07
11/24/2011 13:00	20509	11.52	195.4	11.94	18.89	8.54	200.9	15.75	13.52	50.1	68.04	41.07	34.41	0	632.3	26.5	3.474	0	12.13
11/24/2011 14:00	20510	11.36	193.6	15.8	17.1	8.2	198.1	19.49	15.31	68.99	71.75	33.77	27.63	0	586.8	26.49	3.458	-0.016	11.81
11/24/2011 15:00	20511	12.57	189.9	13.28	22.47	8.74	195.2	17.14	18.89	71.49	72.91	28.81	23.43	0	410	26.47	3.442	-0.016	16.67
11/24/2011 16:00	20512	13.35	182.4	11.57	20.68	8.8	186.6	16.45	17.1	71.33	72.31	28.6	23.57	0	240.7	26.44	3.42	-0.022	16.49
11/24/2011 17:00	20513	13.11	180.9	8.4	18.89	8.47	185.6	14.56	15.31	70.18	70.4	29.78	25.23	0	125	26.41	3.407	-0.013	12.06
11/24/2011 18:00	20514	7.747	173.5	7.664	13.52	4.075	174.8	14.52	9.95	67.96	66.89	33.22	29.74	0	36.03	26.39	3.395	-0.012	12.06
11/24/2011 19:00	20515	7.552	155.1	6.674	11.74	2.951	145.1	20.18	8.16	62.15	58.6	39.07	37.9	0	0.058	26.35	3.39	-0.006	12.08
11/24/2011 20:00	20516	8.87	151.7	7.23	11.74	4.538	151.9	13.68	9.95	59.24	57.72	44.67	41.32	0	0.004	26.33	3.383	-0.006	16.36
11/24/2011 21:00	20517	7.796	156	9.45	13.52	3.911	158.8	16.27	9.95	57.53	56.1	49.9	46.5	0	0.005	26.32	3.38	-0.003	16.18
11/24/2011 22:00	20518	6.291	183.1	13.46	15.31	2.923	195	17.74	8.16	55.06	53.07	57.39	54.38	0	0.001	26.31	3.378	-0.003	11.98
11/24/2011 23:00	20519	9.52	180.2	9.22	15.31	5.654	185.5	14.81	11.74	55.05	54.14	62.45	58.3	0	0.003	26.3	3.378	0	12.02
11/25/2011 0:00	20520	10.62	170.7	10.04	17.1	6.284	175.6	15.84	13.52	53.95	53.17	65.85	61.51	0	0.003	26.29	3.375	-0.003	12.07
11/25/2011 1:00	20521	8.22	178.3	10.23	15.31	4.891	184.1	15.87	9.95	52.33	51.43	68.56	64.34	0	0.001	26.27	3.372	-0.003	16.37
11/25/2011 2:00	20522	6.582	179.6	11.41	9.95	3.417	185.2	16.13	8.16	51.01	49.72	70.49	66.9	0	0.001	26.24	3.372	0	16.39
11/25/2011 3:00	20523	6.089	184.3	9.65	9.95	2.789	191.7	14.8	6.368	50.33	48.89	71.8	68.45	0	0.001	26.22	3.372	0	11.95
11/25/2011 4:00	20524	5.406	199.8	18.34	8.16	2.555	213.6	22.82	6.368	49.59	48.15	73.5	69.89	0	0.001	26.21	3.372	0	12.87
11/25/2011 5:00	20525	4.656	191.4	18.42	8.16	1.535	209	17.77	4.578	49.15	47.22	74.44	71.8	0	0	26.18	3.368	-0.003	12.06
11/25/2011 6:00	20526	2.838	257.1	23.42	6.368	1.251	296.9	16.15	4.578	49.87	48.18	73.48	70.54	0	0	26.17	3.368	0	13.75
11/25/2011 7:00	20527	4.603	82.6	11.1	9.95	2.785	70.94	11.6	6.368	49.52	47.6	74.2	71.25	0	0.001	26.16	3.365	-0.003	12.21
11/25/2011 8:00	20528	6.452	62.27	8.56	9.95	3.751	61.03	12.24	6.368	47.16	46.49	77.41	72.44	0	10.97	26.15	3.365	0	14.71
11/25/2011 9:00	20529	2.728	174.8	69.46	6.368	1.111	102	60.27	4.578	47.52	48.05	75.63	70.46	0	50.18	26.17	3.365	0	12
11/25/2011 10:00	20530	6.441	263.5	21.54	9.95	5.184	265.4	18.95	9.95	34.76	50.82	75.15	69.02	0	84.4	26.2	3.362	-0.003	11.81
11/25/2011 11:00	20531	5.479	268.2	34.36	13.52	4.366	267.8	24.55	11.74	36.5	52.03	74.91	69.3	0	87	26.22	3.365	0.003	12.47
11/25/2011 12:00	20532	6.356	158.1	19.62	11.74	3.836	159.4	22.26	9.95	35.84	51.12	81.4	76.99	0.01	59.65	26.2	3.365	0	12.03
11/25/2011 13:00	20533	8.69	154.3	12.4	15.31	5.533	157.6	17.51	11.74	35.73	52.17	84.9	79.41	0.01	207.2	26.14	3.365	0	16.26
11/25/2011 14:00	20534	11.56	177.6	15.64	18.89	7.495	181.6	19.74	13.52	38.16	56.03	78.25	71.92	0	293.6	26.14	3.364	-0.001	12.06
11/25/2011 15:00	20535	12.83	206.3	8.91	18.89	9.3	210	12.19	15.31	39.87	57.32	72.44	66.08	0	232.3	26.15	3.364	0	16.6
11/25/2011 16:00	20536	11.95	200.6	11.22	17.1	8.51	204.9	14.56	13.52	47.01	59.57	66.94	60.12	0	314.7	26.16	3.367	0.003	13.05
11/25/2011 17:00	20537	11.82	202	12.08	18.89	8.31	205.8	14.55	15.31	39.51	58	69.52	62.9	0	182.6	26.16	3.364	-0.003	12
11/25/2011 18:00	20538	11.97	219.1	8.23	18.89	8.74	222.2	10.47	15.31	38.22	56.38	71.63	66.18	0	40.88	26.15	3.364	0	12.05
11/25/2011 19:00	20539	10.12	227.8	8.32	15.31	7.292	232.1	8.82	11.74	35.91	53.68	71.25	66.93	0	0.12	26.13	3.361	-0.003	12.07
11/25/2011 20:00	20540	8.84	239.7	11.49	17.1	6.285	239.1	13.8	13.52	34.88	52.75	65.63	62.04	0	0.005	26.14	3.359	-0.002	13.26
11/25/2011 21:00	20541	10.49	250.5	8.15	17.1	7.697	251.6	9.25	13.52	33.8	51.95	64.46	60.37	0	0.003	26.14	3.356	-0.003	11.99
11/25/2011 22:00	20542	10.8	254.2	8.68	17.1	8.15	254.7	9.89	13.52	37.32	51.18	64.07	59.6	0	0.003	26.15	3.353	-0.003	14.33
11/25/2011 23:00	20543	10.99	248	10.32	20.68	8.25	249.1	10.36	13.52	40.59	49.51	67.24	62.63	0	0.001	26.14	3.349	-0.003	12.02
11/26/2011 0:00	20544	9.4	246.5	10.01	17.1	6.9	246.7	10.15	13.52	30.05	47.59	70.75	66.14	0	0	26.15	3.346	-0.003	11.97
11/26/2011 1:00	20545	9.58	277.2	15.32	24.26	6.963	278.7	18.44	13.52	30.87	48.22	66.89	62.9	0	0	26.15	3.346	0	12.02
11/26/2011 2:00	20546	7.541	291.1	4.458	11.74	4.367	292	8.69	8.16	27.81	44.61	70.02	67.7	0	0	26.15	3.343	-0.003	16.11
11/26/2011 3:00	20547	8.7	298.2	5.667	13.52	5.522	301.8	7.595	9.95	26.95	44.58	69.44	66.79	0	0	26.15	3.344	0	15.43
11/26/2011 4:00	20548	8.54	301.8	11.19	17.1	5.901	305.3	12.6	13.52	26.34	44.49	69.61	65.95	0	0	26.17	3.34	-0.003	14.88
11/26/2011 5:00	20549	11.31	337.3	11.91	20.68	7.95	339.1	13.54	17.1	24.57	43.19	69.53	65.33	0	0	26.2	3.337	-0.003	11.96
11/26/2011 6:00	20550	10.28	347.2	9.57	18.89	7.133	346.7	12.65	13.52	24.9	43.15	70.98	66.34	0	0	26.23	3.337	0	11.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/26/2011 7:00	20551	15.68	1.318	12.93	27.84	11.34	2.316	15.72	22.47	25.78	45.01	71.89	66.48	0	0	26.29	3.337	0	12.05
11/26/2011 8:00	20552	19.13	5.592	8.88	29.63	13.91	6.478	12.09	24.26	25.43	44.83	69.6	64.19	0	5.659	26.34	3.337	0	12
11/26/2011 9:00	20553	28.46	15.87	10.05	49.31	20.94	17.16	11.53	43.94	28.43	47.2	53.37	48.43	0	178.9	26.38	3.337	0	12.02
11/26/2011 10:00	20554	36.17	9.76	10.02	56.47	27.02	9.79	12.42	51.1	45.15	46.71	44.89	39.66	0	320.1	26.46	3.292	-0.044	12.04
11/26/2011 11:00	20555	32.5	13.67	10.71	51.1	23.82	14.02	12.79	45.73	44.39	44.91	47.57	41.87	0	440.4	26.54	3.283	-0.01	12.44
11/26/2011 12:00	20556	30.72	17.36	11.26	51.1	22.11	17.54	13.03	45.73	46.15	46.67	34.21	29.29	0	444.7	26.57	3.27	-0.013	12.06
11/26/2011 13:00	20557	33.53	11.4	11.24	52.89	24.55	11.38	13.24	42.15	46.17	46.59	29.27	24.51	0	357.9	26.55	3.261	-0.009	15.07
11/26/2011 14:00	20558	31.92	11.43	10.84	54.68	23.56	11.63	12.81	47.52	47.28	47.92	22.59	17.91	0	450	26.55	3.248	-0.013	11.92
11/26/2011 15:00	20559	29.52	2.11	11.63	47.52	21.59	1.471	14.39	42.15	47.79	48.46	19.18	14.52	0	424.7	26.57	3.222	-0.025	12.15
11/26/2011 16:00	20560	28.02	354	10.54	45.73	20.38	352.7	13.4	38.57	48.18	48.83	17.53	12.86	0	356.1	26.59	3.212	-0.01	11.99
11/26/2011 17:00	20561	27.03	355.5	10.41	47.52	19.79	354.2	13.93	38.57	47.25	47.63	20.9	16.22	0	197.1	26.59	3.203	-0.009	15.51
11/26/2011 18:00	20562	22.35	1.533	8.68	40.36	16.08	0.619	11.67	31.42	45.46	45.49	23.19	18.71	0	38.03	26.59	3.197	-0.006	11.96
11/26/2011 19:00	20563	15.43	359.7	8.47	29.63	10.96	358.4	11.73	26.05	43.33	43.14	26.85	22.46	0	0.092	26.6	3.191	-0.006	12.02
11/26/2011 20:00	20564	11.62	9.82	10.97	20.68	8.44	9.32	12.91	17.1	41.22	41.02	29.9	25.47	0	0	26.61	3.192	0.001	11.93
11/26/2011 21:00	20565	9.7	3.878	10.05	15.31	6.848	4.133	13.08	13.52	38.87	38.57	33.08	28.65	0	0	26.62	3.186	-0.006	12.05
11/26/2011 22:00	20566	10.36	344	10.26	15.31	7.184	342.7	12.64	11.74	36.5	35.84	35.63	31.58	0	0	26.63	3.182	-0.003	16.22
11/26/2011 23:00	20567	10.53	342.4	10.87	17.1	7.26	343.1	13.28	11.74	34.69	33.95	36.94	33	0	0	26.62	3.182	0	12.14
11/27/2011 0:00	20568	9.54	345.3	11.93	15.31	6.366	344.4	14.81	11.74	32.79	32.06	38.59	34.58	0	0	26.62	3.18	-0.002	15.96
11/27/2011 1:00	20569	9.51	344.1	8.12	17.1	6.573	342.4	11.22	11.74	32.86	31.92	37.75	34.14	0	0	26.62	3.177	-0.003	12.18
11/27/2011 2:00	20570	8.82	331.7	7.809	13.52	5.438	330.4	11.37	9.95	31.09	29.89	39.77	36.27	0	0	26.61	3.174	-0.003	14.69
11/27/2011 3:00	20571	9.81	337.9	7.204	15.31	7.038	337.6	9.54	11.74	30.47	29.49	40.43	36.71	0	0	26.61	3.171	-0.003	12
11/27/2011 4:00	20572	10.47	327.5	7.915	13.52	6.612	326.6	12.7	11.74	27.66	26.92	44.28	39.93	0	0	26.61	3.174	0.003	12.27
11/27/2011 5:00	20573	11.34	322	5.343	15.31	7.463	318.9	11.2	11.74	27.2	26.38	44.89	40.76	0	0	26.6	3.174	0	12.1
11/27/2011 6:00	20574	9.99	321	5.161	15.31	6.536	316.6	10.57	11.74	27.23	26.15	44.74	40.98	0	0	26.6	3.174	0	12.18
11/27/2011 7:00	20575	8.16	303.9	8.25	11.74	5.384	298.1	14.37	8.16	23.63	22.21	50.38	46.66	0	0	26.6	3.174	0	12.27
11/27/2011 8:00	20576	7.014	312	5.381	9.95	4.161	305.7	8.76	6.368	23.96	22.33	50.11	46.73	0	13.76	26.6	3.172	-0.003	15.72
11/27/2011 9:00	20577	5.668	305.6	8.52	9.95	4.274	303	9.77	8.16	29.36	29.02	42.87	38.15	0	175.7	26.62	3.174	0.002	11.88
11/27/2011 10:00	20578	8.19	293.1	13.5	13.52	6.917	294.7	16.48	13.52	38.17	38.66	32.13	27.27	0	361.6	26.68	3.176	0.002	13.25
11/27/2011 11:00	20579	11.84	289.9	12.25	22.47	9.83	290.9	14.85	15.31	44.07	45.04	22.89	18.17	0	513	26.72	3.137	-0.039	11.94
11/27/2011 12:00	20580	11.87	280.9	15.43	18.89	10.03	281.8	18.22	17.1	46.9	48.29	19.44	14.53	0	613.5	26.74	3.123	-0.013	12.03
11/27/2011 13:00	20581	11.52	270.1	15.19	22.47	9.64	270.2	17.44	18.89	49.39	51.07	18.65	13.63	0	654.3	26.72	3.123	0	11.99
11/27/2011 14:00	20582	9.9	282.9	20.96	17.1	8.36	283.4	24.3	15.31	52.3	53.68	15.52	10.64	0	631.6	26.69	3.123	0	16.19
11/27/2011 15:00	20583	8.34	282.4	26.34	15.31	7.052	282.2	29.47	13.52	55.44	56.14	12.38	7.641	0	549.7	26.67	3.126	0.003	15.94
11/27/2011 16:00	20584	7.541	295.9	20.37	13.52	6.247	295.8	23.35	13.52	56.88	57.43	11.37	6.64	0	414.1	26.66	3.119	-0.006	16.35
11/27/2011 17:00	20585	6.638	299	18.73	11.74	5.367	300.3	21.36	11.74	57.05	57.47	12.1	7.43	0	241.2	26.64	3.114	-0.006	12.06
11/27/2011 18:00	20586	5.599	271.5	13.63	8.16	3.43	271.6	15.95	8.16	54.7	54.03	13.8	9.79	0	49.62	26.61	3.107	-0.006	12.03
11/27/2011 19:00	20587	3.744	252.3	10.84	6.368	0.201	224.7	9.49	2.789	48.95	44.81	17.49	15.8	0	0.113	26.55	3.102	-0.005	16.23
11/27/2011 20:00	20588	1.258	260.6	12.23	4.578	0.773	44.76	11.42	4.578	44.3	41.02	21.31	19.6	0	0	26.5	3.1	-0.002	15.86
11/27/2011 21:00	20589	2.603	307.4	6.913	4.578	0.449	42.81	13.88	2.789	43.87	38.07	22.57	24.11	0	0	26.48	3.097	-0.003	12.05
11/27/2011 22:00	20590	4.768	294	9.05	6.368	1.541	302.6	9.25	4.578	43.56	38.14	22.83	23.67	0	0	26.46	3.097	0	16.15
11/27/2011 23:00	20591	4.932	289.3	6.92	6.368	1.357	285.1	14.45	4.578	41.96	36.72	23.48	24.06	0	0	26.44	3.094	-0.003	11.99
11/28/2011 0:00	20592	6.979	301	9.61	13.52	3.535	298.8	11.93	8.16	40.44	37.31	25.65	23.89	0	0	26.43	3.09	-0.003	11.94
11/28/2011 1:00	20593	8.06	308.2	7.522	15.31	5.05	306.8	9.17	8.16	40.62	38.79	28.12	25.16	0	0	26.42	3.09	0	16
11/28/2011 2:00	20594	8.82	310.3	7.45	11.74	5.612	310.9	10.66	8.16	39.06	37.59	31.93	28.5	0	0	26.41	3.087	-0.003	14.87
11/28/2011 3:00	20595	7.991	310.8	6.63	11.74	4.78	312.4	9.89	8.16	39.54	37.85	34.37	31.21	0	0	26.39	3.087	0	11.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/28/2011 4:00	20596	7.666	303	7.489	11.74	4.886	298.7	11.68	8.16	38.1	36.77	37.58	34.09	0	0	26.38	3.084	-0.003	16.31
11/28/2011 5:00	20597	8.34	305.8	7.455	11.74	5.618	302.9	9.22	9.95	38.18	36.87	38.32	34.91	0	0	26.36	3.084	0	15.53
11/28/2011 6:00	20598	8.02	308.1	10.1	13.52	5.402	305.7	14.19	9.95	38.3	37.29	39.53	35.74	0	0	26.34	3.078	-0.006	12.37
11/28/2011 7:00	20599	7.598	300.8	8.01	11.74	4.902	296.4	12.18	9.95	36.56	35.38	42.75	38.96	0	0	26.34	3.078	0	11.9
11/28/2011 8:00	20600	8.02	303.6	8.48	15.31	5.496	299.6	11.98	11.74	37.55	36.27	42.05	38.56	0	12.48	26.32	3.182	0.105	12.1
11/28/2011 9:00	20601	8.43	303.2	8.71	13.52	6.582	304.5	10.31	11.74	41.02	40.77	38.22	33.47	0	167.2	26.34	7.392	4.21	12.56
11/28/2011 10:00	20602	7.36	281.4	12.16	13.52	6.209	279.8	14.7	11.74	50.28	50.6	28.62	23.87	0	347.7	26.4	7.389	-0.003	12.03
11/28/2011 11:00	20603	11.85	276.4	9.73	17.1	9.88	275.8	12.19	15.31	58.24	58.95	19.7	15.05	0	493.5	26.45	7.391	0.002	12.53
11/28/2011 12:00	20604	13.17	274	12.41	20.68	10.94	273.8	14.58	17.1	62.96	63.83	16.31	11.56	0	590.6	26.47	7.389	-0.002	12.84
11/28/2011 13:00	20605	12.53	286.1	12.5	20.68	10.49	286.1	16.12	17.1	66.18	67.08	14.02	9.22	0	632	26.47	7.389	0	12.03
11/28/2011 14:00	20606	11.28	288.1	13.49	18.89	9.47	288	15.99	17.1	69.89	70.69	11.8	7.06	0	612.2	26.46	7.388	0	12.09
11/28/2011 15:00	20607	11.14	290.6	12.08	18.89	9.39	291.4	15.36	17.1	72.17	72.76	10.35	5.689	0	532.9	26.45	7.372	-0.017	16.65
11/28/2011 16:00	20608	9.49	276.3	14.53	17.1	7.922	275.7	16.8	15.31	73.35	73.92	10.12	5.451	0	401	26.44	7.363	-0.009	16.47
11/28/2011 17:00	20609	8.31	254.8	13.36	15.31	6.773	254.2	13.56	13.52	73.08	73.35	10.65	6.137	0	232.5	26.42	7.347	-0.016	16.25
11/28/2011 18:00	20610	6.623	254.8	8.24	9.95	4.103	253.5	9.65	9.95	69.14	68.02	12.68	8.83	0	47.21	26.41	7.338	-0.009	16.49
11/28/2011 19:00	20611	3.283	288.9	26.21	6.368	0.164	324.2	10.98	2.789	62.42	58.14	16.36	14.96	0	0.117	26.37	7.334	-0.004	16.35
11/28/2011 20:00	20612	4.39	317.6	6.269	8.16	1.492	12.54	50.5	4.578	59.76	53.42	18.23	18.48	0	0.001	26.33	7.33	-0.004	16.34
11/28/2011 21:00	20613	8.39	324.3	4.559	11.74	4.803	327.9	7.27	8.16	57.95	53.76	20.33	18.92	0	0	26.32	7.321	-0.009	16.26
11/28/2011 22:00	20614	8.49	325.6	3.8	11.74	5.165	324.6	6.788	8.16	56.56	53.74	21.85	19.6	0	0.002	26.33	7.314	-0.006	11.96
11/28/2011 23:00	20615	7.461	323.5	6.459	11.74	3.733	320	21.77	8.16	55.86	52.38	22.27	20.53	0	0.001	26.35	7.308	-0.006	16.34
11/29/2011 0:00	20616	3.828	307.3	18.63	8.16	1.016	251.6	19.09	4.578	49.71	45.52	28.11	26.57	0	0	26.34	7.305	-0.003	12.06
11/29/2011 1:00	20617	5.573	8.62	27.56	17.1	2.976	27.2	25.14	13.52	46.55	43.36	31.84	29.83	0	0	26.33	7.303	-0.002	16.26
11/29/2011 2:00	20618	6.029	25.62	11.64	11.74	3.211	26.15	13.78	8.16	45.44	44.64	33.77	29.73	0	0	26.33	7.3	-0.003	12.07
11/29/2011 3:00	20619	8.55	30.9	7.391	13.52	4.268	33.25	9.63	9.95	46.69	45.55	32.38	28.84	0	0	26.34	7.293	-0.007	12.77
11/29/2011 4:00	20620	10.74	28.55	9.05	17.1	5.678	33.62	11.76	11.74	46.59	45.68	32.38	28.57	0	0	26.36	7.289	-0.004	12.76
11/29/2011 5:00	20621	15.9	22.72	9.44	26.05	10.42	24.73	10.8	22.47	45.27	44.8	35.55	31.12	0	0	26.38	7.284	-0.006	15.57
11/29/2011 6:00	20622	18.18	22.83	9.14	26.05	11.67	24.25	10.85	24.26	43.78	43.53	41.58	36.66	0	0	26.4	7.277	-0.006	14.42
11/29/2011 7:00	20623	19.19	25.57	8.83	27.84	11.82	27.26	10.58	24.26	41.18	41.03	47.44	42.23	0	0	26.41	7.271	-0.006	11.95
11/29/2011 8:00	20624	16.99	29.4	10.26	27.84	9.85	31.41	11.32	22.47	39.86	39.69	50.87	45.58	0	12.89	26.43	7.269	-0.002	12.03
11/29/2011 9:00	20625	17.08	32.67	10.46	27.84	9.93	35.27	11.11	22.47	41.33	41.3	49.82	44.43	0	119.9	26.45	7.262	-0.007	11.97
11/29/2011 10:00	20626	19.86	42.72	9.7	31.42	11.44	40.86	11.04	22.47	44.28	44.56	46.85	41.33	0	262.5	26.49	7.26	-0.002	12.1
11/29/2011 11:00	20627	15.84	45.59	10.85	26.05	9.45	43.15	12.87	20.68	46.9	47.55	43.87	38.15	0	416.2	26.55	7.251	-0.01	15.34
11/29/2011 12:00	20628	12.73	51.1	14.71	22.47	8.19	49.56	17.37	18.89	49.56	50.77	40.16	34.1	0	468.5	26.58	7.245	-0.006	12.53
11/29/2011 13:00	20629	10.31	45.71	16.81	18.89	6.529	43.07	17.62	15.31	51.93	53.11	37.06	31.19	0	494.8	26.59	7.239	-0.006	13.24
11/29/2011 14:00	20630	7.172	57.82	18.91	15.31	4.886	54.24	23.53	11.74	55.34	56.7	33.01	27.27	0	530.2	26.59	7.234	-0.004	11.98
11/29/2011 15:00	20631	8.24	51.68	23.64	15.31	5.678	48.69	26.52	11.74	56.58	57.88	31.49	25.81	0	445.3	26.58	7.227	-0.007	12.06
11/29/2011 16:00	20632	6.83	69.99	15.77	13.52	4.774	69.79	21.41	9.95	56.54	57.6	30.6	25.17	0	269.1	26.55	7.213	-0.014	11.97
11/29/2011 17:00	20633	7.89	42.22	15.31	13.52	4.947	40.94	15.95	9.95	56.33	56.91	30.79	25.67	0	188.3	26.55	7.204	-0.009	11.97
11/29/2011 18:00	20634	5.702	70.73	20.44	9.95	3.328	69.31	21.8	8.16	54.76	54.29	31.84	27.57	0	57.23	26.53	7.198	-0.006	11.98
11/29/2011 19:00	20635	5.741	55.2	7.438	8.16	3.346	58.7	10.12	6.368	50.03	48.39	37.03	33.58	0	0.04	26.51	7.19	-0.007	16.15
11/29/2011 20:00	20636	7.687	55.27	8.18	11.74	4.973	60.27	11.77	9.95	45.89	44.88	42.25	38.11	0	0.001	26.49	7.184	-0.006	11.98
11/29/2011 21:00	20637	8.98	54.22	8.22	13.52	5.561	57.4	11.83	9.95	44.05	43.04	45.44	41.24	0	0	26.48	7.182	-0.002	12.23
11/29/2011 22:00	20638	9.59	46.97	10.79	15.31	5.605	45.78	15.12	9.95	42.37	41.67	48.85	44.22	0	0	26.49	7.177	-0.005	11.99
11/29/2011 23:00	20639	9.43	55.3	8.97	13.52	5.817	55.91	13.1	9.95	41.06	40.26	51.44	46.92	0	0	26.48	7.171	-0.006	12.02
11/30/2011 0:00	20640	8.77	65.34	6.173	11.74	5.125	62.98	11.5	8.16	38.28	36.95	55.19	51.21	0	0	26.47	7.168	-0.003	12.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/30/2011 1:00	20641	7.349	64.76	7.491	15.31	4.057	61.69	11.02	8.16	37.94	35.9	56.45	53.35	0	0	26.44	7.161	-0.006	11.92
11/30/2011 2:00	20642	3.993	48.59	47.48	8.16	2.082	49.84	42.88	6.368	37.58	34.56	58.4	55.56	0	0	26.42	7.158	-0.003	15.7
11/30/2011 3:00	20643	2.078	310.9	18.51	6.368	0.663	334.8	40.88	2.789	36.68	31.26	60.2	59.82	0	0	26.41	7.157	-0.001	11.97
11/30/2011 4:00	20644	0.632	344	15.51	2.789	0.28	100.4	4.102	2.789	33.56	28.62	62.79	60.62	0	0	26.38	7.154	-0.003	12.17
11/30/2011 5:00	20645	1.295	328.1	28.33	4.578	0.573	69.08	8.38	2.789	33.72	28.33	63.26	61.48	0	0	26.35	7.154	0	16.29
11/30/2011 6:00	20646	0.511	141.4	9.67	2.789	1.55	77.87	9.78	4.578	34.79	29.22	62.57	61.08	0	0	26.33	7.158	0.004	12.14
11/30/2011 7:00	20647	0.878	195.6	32.96	2.789	0.577	62.6	6.162	4.578	34.08	30.14	64.33	62.56	0	0	26.32	7.157	-0.001	12.04
11/30/2011 8:00	20648	2.606	283.9	8.31	4.578	0.051	179	2.209	2.789	34.58	28.81	62.86	64.2	0	10.36	26.33	7.157	0	15.95
11/30/2011 9:00	20649	3.34	247.6	41.72	8.16	1.225	207.6	7.635	6.368	38.86	37.65	56.47	51.51	0	156.4	26.34	7.159	0.002	15.84
11/30/2011 10:00	20650	9.68	191.8	9.9	18.89	6.916	197.1	13.9	15.31	43.78	45.31	48.71	42.44	0	340.2	26.4	7.146	-0.013	16.42
11/30/2011 11:00	20651	13.01	191.4	10.49	20.68	9.21	195.5	14.9	17.1	48.79	50.97	40.08	33.85	0	492.6	26.44	7.141	-0.006	16.43
11/30/2011 12:00	20652	13.91	192.8	10.69	20.68	9.87	197.3	14.64	17.1	53.04	55.12	34.34	28.13	0	594.2	26.45	7.134	-0.006	11.97
11/30/2011 13:00	20653	14.07	193.7	12.17	20.68	10.16	197.7	15.42	17.1	55.68	57.74	31.1	24.97	0	637.6	26.43	7.129	-0.005	14.02
11/30/2011 14:00	20654	12.14	192	14.25	22.47	8.79	196.4	17.38	17.1	58.45	60.54	27.87	21.91	0	619.5	26.39	7.122	-0.007	16.42
11/30/2011 15:00	20655	11.79	194	12.81	18.89	8.64	197.8	17.13	15.31	60.25	62.08	25.79	20.08	0	540.4	26.36	7.113	-0.01	11.99
11/30/2011 16:00	20656	12.32	190.9	11.87	18.89	8.64	194.6	15.67	15.31	61.62	63.14	23.91	18.51	0	408.5	26.34	7.1	-0.013	12.64
11/30/2011 17:00	20657	12.45	195.9	9.4	18.89	8.63	198.7	13.41	15.31	61.86	62.74	22.82	17.9	0	236.9	26.31	7.085	-0.015	12.03
11/30/2011 18:00	20658	9.51	180.6	9.92	15.31	5.526	183.9	14.37	11.74	58.64	58.1	25.12	21.12	0	47.59	26.26	7.071	-0.014	16.55
11/30/2011 19:00	20659	5.276	156.2	16.25	9.95	1.732	133.4	20.97	4.578	52.56	49.5	30.17	28.09	0	0.109	26.21	7.066	-0.005	16.11
11/30/2011 20:00	20660	5.694	151	16.36	13.52	2.022	131.2	18.65	8.16	49.22	46.11	34.58	32.61	0	0	26.18	7.057	-0.008	15.61
11/30/2011 21:00	20661	10.71	145.3	7.814	15.31	5.995	146	13.3	11.74	47.76	46.15	38.8	35.42	0	0	26.15	7.054	-0.003	11.97
11/30/2011 22:00	20662	6.348	173.1	27.44	13.52	3.238	178.3	34.55	9.95	45.08	43.61	43.63	40.1	0	0	26.15	7.049	-0.005	16.32
11/30/2011 23:00	20663	10.43	170.9	8.96	18.89	6.136	176.1	15.06	13.52	46.74	45.31	44.52	41.02	0	0	26.15	7.046	-0.003	13.08
12/1/2011 0:00	20664	8.92	176.7	8.85	15.31	4.933	181.4	14.41	11.74	44.74	43.46	51.92	48.13	0	0	26.15	7.043	-0.003	16.36
12/1/2011 1:00	20665	9.84	175.3	9.1	20.68	5.622	179.4	14.78	15.31	42.94	41.7	56.76	52.99	0	0	26.13	7.04	-0.002	15.41
12/1/2011 2:00	20666	7.466	184.2	9.4	13.52	3.933	190.3	14.34	9.95	41.36	39.9	59.65	56.15	0	0	26.12	7.034	-0.006	11.95
12/1/2011 3:00	20667	4.447	190.6	9.57	8.16	1.464	197.4	11.63	4.578	39.05	37.36	62.33	59.95	0	0	26.1	7.031	-0.003	12.4
12/1/2011 4:00	20668	5.748	187	6.084	8.16	1.984	188.6	12.22	4.578	38.25	35.87	63.3	62.02	0	0	26.09	7.025	-0.006	12.1
12/1/2011 5:00	20669	4.105	202.6	10.88	6.368	0.259	193.9	6.379	2.789	37.73	35.47	64.01	62.95	0	0	26.08	7.025	0	11.94
12/1/2011 6:00	20670	3.92	248.1	13.42	6.368	1.688	289.3	10.34	4.578	37.78	35.68	63.63	62.41	0	0	26.09	7.022	-0.003	11.92
12/1/2011 7:00	20671	4.573	236.4	13.66	6.368	1.509	260.9	14.66	4.578	37.89	35.82	63.04	61.84	0	0	26.11	7.022	0	11.96
12/1/2011 8:00	20672	4.955	203.4	10.02	8.16	1.488	206.8	12.37	4.578	37.75	36.27	63.39	60.99	0	10.39	26.13	7.022	0	12
12/1/2011 9:00	20673	4.258	185	24.75	9.95	2.187	185.3	23.48	8.16	41.33	41.52	61.14	56.19	0	95.6	26.16	7.015	-0.006	15.67
12/1/2011 10:00	20674	6.185	149.6	67.9	17.1	4.142	157.5	71.32	11.74	46.14	46.65	56.42	50.7	0	166.1	26.22	7.013	-0.002	11.97
12/1/2011 11:00	20675	12.02	29.1	11.99	20.68	7.746	29.45	13.83	17.1	47.19	47.69	52.56	46.78	0	346.4	26.29	7.01	-0.003	15.82
12/1/2011 12:00	20676	12.09	35.34	13.42	18.89	7.547	35.33	14.21	15.31	50.96	51.67	46.52	40.92	0	482.3	26.33	7.007	-0.002	11.95
12/1/2011 13:00	20677	13.37	38.18	14.59	22.47	8.32	37.46	15.93	18.89	55.53	57.03	37.81	32.25	0	619.8	26.37	7	-0.008	12.21
12/1/2011 14:00	20678	17.41	36.09	12.73	27.84	10.54	35.43	13.52	20.68	55.72	56.78	37.27	31.72	0	604.6	26.39	6.993	-0.007	12.06
12/1/2011 15:00	20679	18.62	38.99	12.18	29.63	10.98	37.87	13.08	22.47	55.38	56.2	37.77	32.25	0	511.7	26.4	6.987	-0.005	11.95
12/1/2011 16:00	20680	21.82	39.06	11.52	38.57	12.87	38.11	12.85	27.84	54.26	54.79	40.57	35.12	0	369.9	26.39	6.972	-0.015	12.1
12/1/2011 17:00	20681	21.11	36.63	11.06	34.99	12.3	36.43	12.27	26.05	52.22	52.49	43.35	38.07	0	199.5	26.39	6.96	-0.013	12.27
12/1/2011 18:00	20682	20.67	34.05	11.13	33.21	12.16	35.13	11.89	26.05	48.55	48.58	47.84	42.61	0	31.62	26.4	6.952	-0.008	15.32
12/1/2011 19:00	20683	21.63	38.56	9.95	33.21	12.49	38.77	10.55	26.05	45.75	45.76	50.14	44.82	0	0.027	26.41	6.94	-0.012	16.19
12/1/2011 20:00	20684	22.77	29.1	10.77	38.57	13.78	30.31	12.32	33.21	42.57	42.7	53.42	47.73	0	0	26.43	6.93	-0.01	16.21
12/1/2011 21:00	20685	23.32	24.7	10.09	38.57	15.08	25.14	12.29	33.21	39.84	40.04	58.3	52.3	0	0	26.47	6.919	-0.012	15.14

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/1/2011 22:00	20686	22.72	30.38	10.78	36.78	13.58	31.76	11.95	29.63	38.49	38.65	62.28	56.17	0	0	26.48	6.916	-0.002	15.73
12/1/2011 23:00	20687	22.73	30.78	11.16	36.78	13.77	32.11	12.2	34.99	36.8	37.17	66.47	60.13	0	0	26.49	6.907	-0.009	12.75
12/2/2011 0:00	20688	22.69	38.38	10.55	36.78	13.12	38.31	11.39	26.05	35.3	35.83	69.57	63.1	0	0	26.49	6.904	-0.003	11.97
12/2/2011 1:00	20689	21.82	37.28	10.94	36.78	12.69	37.13	11.87	29.63	34.09	34.64	72.92	66.22	0	0	26.47	6.901	-0.003	15.89
12/2/2011 2:00	20690	17.47	35.61	11.63	29.63	10.32	36.3	11.93	24.26	33.23	33.76	74.87	68.07	0	0	26.47	6.895	-0.006	15.23
12/2/2011 3:00	20691	15.31	31.24	11.78	27.84	9.34	32.61	12.73	20.68	32.67	33.25	76.38	69.38	0	0	26.47	6.888	-0.006	15.65
12/2/2011 4:00	20692	13.25	27.35	10.68	22.47	8.43	28.49	12.32	20.68	31.02	31.65	85.3	78.04	0	0	26.47	6.885	-0.003	16.31
12/2/2011 5:00	20693	11.52	26.33	10.3	18.89	7.556	27.17	12.7	17.1	30.38	31.05	88.5	81.4	0	0	26.46	6.886	0.001	12.28
12/2/2011 6:00	20694	12.04	24.69	10.36	18.89	8.05	25.67	12.6	17.1	29.75	30.43	89.1	81.9	0	0	26.44	6.89	0.004	14.06
12/2/2011 7:00	20695	11.16	31.34	12.02	18.89	7.242	31.18	13.28	15.31	29.39	30.06	89.2	82.1	0	0	26.44	6.887	-0.003	15.4
12/2/2011 8:00	20696	8.93	30.82	12.32	15.31	5.796	31.19	13.71	11.74	29.05	30.12	89.8	82.5	0	0.911	26.44	6.887	0	13.41
12/2/2011 9:00	20697	7.88	27.71	10.93	13.52	5.239	28.33	12.64	9.95	26.02	30.18	89.9	82.7	0	12.74	26.44	6.887	0	11.91
12/2/2011 10:00	20698	6.901	26.78	13.15	11.74	4.586	27.47	14.12	9.95	15.65	30.39	90.1	82.8	0	36.19	26.43	6.887	0	16.29
12/2/2011 11:00	20699	6.762	57.84	19.73	9.95	4.66	56.1	21.73	8.16	16.34	30.85	89.5	82.6	0	64.8	26.43	6.889	0.003	11.94
12/2/2011 12:00	20700	6.089	61.48	17.89	9.95	4.439	59.92	20.93	8.16	16.92	31.5	88.7	81.9	0	75.21	26.41	6.889	0	11.86
12/2/2011 13:00	20701	6.778	56.02	12.14	11.74	4.618	53.29	16.02	9.95	16.06	31.81	89.5	82.3	0	82.5	26.38	6.888	-0.001	15.79
12/2/2011 14:00	20702	6.497	66.78	13.54	11.74	4.555	63.71	17.95	9.95	16.68	32.19	90	82.9	0	77.26	26.34	6.888	0	12.12
12/2/2011 15:00	20703	4.602	81.1	17.61	9.95	3.352	79.54	22.41	8.16	16.2	32.29	90.3	83.2	0	47.6	26.31	6.885	-0.003	12.81
12/2/2011 16:00	20704	4.619	74.88	14.49	8.16	3.271	72.45	18.28	6.368	16.84	32.36	91.3	83.8	0	37.16	26.29	6.888	0.003	14.94
12/2/2011 17:00	20705	5.973	90.6	12.14	11.74	4.351	88	18.38	8.16	14.94	32.47	92.1	84.6	0	21.86	26.27	6.888	0	12.13
12/2/2011 18:00	20706	6.526	99.9	10.08	11.74	4.855	99.7	16.58	9.95	16.29	32.43	92.6	85.1	0	3.898	26.25	6.888	0	12.1
12/2/2011 19:00	20707	8.15	105	10.42	13.52	5.941	105.5	17.26	9.95	16.86	32.37	93.3	85.6	0	0	26.23	6.886	-0.003	14.63
12/2/2011 20:00	20708	8.66	106.7	9.1	13.52	6.214	106.7	15.51	11.74	17.96	32.62	93.8	86.2	0	0	26.22	6.885	0	12.16
12/2/2011 21:00	20709	8.45	115.7	9.9	13.52	5.633	117.3	17.13	11.74	17.19	32.81	94.1	86.4	0	0	26.21	6.885	0	12.09
12/2/2011 22:00	20710	8.18	112.3	10.92	13.52	5.456	112.1	17.34	9.95	18.64	32.8	94.3	91.9	0	0	26.2	6.885	0	15.3
12/2/2011 23:00	20711	7.024	108	9.38	11.74	4.683	107.8	15.77	9.95	18.15	32.84	94.4	99.9	0	0	26.18	6.888	0.003	12.19
12/3/2011 0:00	20712	7.559	104.2	9.91	13.52	5.275	105.4	16.37	11.74	17.74	32.88	94.5	99.9	0	0	26.14	6.885	-0.003	12.26
12/3/2011 1:00	20713	4.058	115.7	45.77	8.16	2.686	118.3	45.84	8.16	16.23	33.21	94.7	99.9	0	0	26.13	6.888	0.003	12.03
12/3/2011 2:00	20714	3.838	342.6	52.58	9.95	2.736	344	51.33	8.16	16.52	33.47	94.8	99.9	0	0	26.11	6.891	0.003	15.91
12/3/2011 3:00	20715	2.718	333.7	67.97	8.16	1.673	340.9	59.67	6.368	14.96	33.71	94.9	99.9	0	0	26.1	6.904	0.013	16.35
12/3/2011 4:00	20716	2.651	256.6	35.41	11.74	1.903	264.3	19.03	11.74	14.6	34.04	95	99.9	0	0	26.11	6.904	0	16.3
12/3/2011 5:00	20717	10.98	278.6	10.88	18.89	8.69	281.5	13.63	15.31	14.99	34.5	95.2	99.9	0.01	0	26.15	6.911	0.006	11.94
12/3/2011 6:00	20718	4.809	129	81.4	9.95	3.329	124.3	83.5	9.95	14.79	34.63	95	99.9	0	0	26.11	6.92	0.01	15.58
12/3/2011 7:00	20719	3.791	231.6	42.93	8.16	2.092	240.7	41.55	6.368	15.13	33.61	94.7	99.9	0	0	26.1	6.92	0	12.17
12/3/2011 8:00	20720	5.838	239.2	12.15	8.16	3.578	240.6	17.95	6.368	13.46	32.56	94.4	99.9	0	4.151	26.12	6.92	0	12.31
12/3/2011 9:00	20721	6.058	227.1	12.32	9.95	4.506	230.1	13.04	9.95	14.67	34.26	94	99.9	0	151.9	26.14	6.92	0	12.27
12/3/2011 10:00	20722	7.577	236	12.38	11.74	6.276	239	12.64	9.95	20.88	39.37	88.2	98.3	0	318.5	26.21	6.921	0.001	15.43
12/3/2011 11:00	20723	10.39	244.4	11.87	18.89	8.59	245.5	13.67	17.1	29.22	46.3	79.23	81.5	0	470.9	26.27	6.919	-0.002	11.96
12/3/2011 12:00	20724	12.51	257.3	10.81	18.89	10.42	257.4	12.02	17.1	35.07	52.2	63.72	58.94	0	564.6	26.3	6.922	0.002	16.5
12/3/2011 13:00	20725	12.55	266.2	15.22	20.68	10.4	267	16.7	20.68	40.32	55.5	50.23	45.45	0	602.7	26.31	6.922	0	15.88
12/3/2011 14:00	20726	12.35	254.5	15.23	18.89	10.38	253.9	16.51	17.1	40.94	57.56	39.53	35.06	0	586.3	26.31	6.921	-0.001	12.02
12/3/2011 15:00	20727	14.01	272.9	16.53	20.68	11.54	274	18.09	18.89	38.77	58.24	33.41	28.96	0	513.6	26.31	6.921	0	12.24
12/3/2011 16:00	20728	13.9	278.5	12.44	24.26	11.48	278.8	15.04	18.89	38.14	57.52	36.94	32.09	0	383.4	26.32	6.921	0.001	12.16
12/3/2011 17:00	20729	9.42	286.3	13.69	20.68	7.77	288.3	16.89	17.1	38.13	57.04	37.36	32.79	0	220.4	26.32	6.919	-0.003	12.01
12/3/2011 18:00	20730	8.82	326.4	15.58	13.52	6.503	328.1	17.97	11.74	35.78	53.44	42.88	39.21	0	40.78	26.31	6.919	0	13.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/3/2011 19:00	20731	8.19	343.6	8.42	13.52	5.263	348.5	13.39	9.95	33.36	49.04	47.28	45.27	0	0.072	26.3	6.914	-0.004	14.39
12/3/2011 20:00	20732	11.49	2.715	21.73	22.47	7.816	4.157	23.37	18.89	33.24	48.28	52.63	48.52	0	0.002	26.3	6.911	-0.003	12.48
12/3/2011 21:00	20733	14.6	24.48	12.94	27.84	9.57	24.53	14.34	24.26	26.87	43.91	66.7	60.93	0	0	26.32	6.908	-0.003	12.04
12/3/2011 22:00	20734	14.96	39.21	14.73	26.05	9.24	38.94	15.87	24.26	21.53	39.42	74.19	68.06	0	0	26.32	6.903	-0.005	11.99
12/3/2011 23:00	20735	16.07	47.93	8.95	26.05	9.25	44.76	12.79	20.68	18.22	36.31	72.76	66.87	0	0	26.32	6.901	-0.002	16.12
12/4/2011 0:00	20736	14.6	47.57	10.4	22.47	8.64	45.66	13.39	17.1	16.11	34.75	74.12	67.98	0	0	26.31	6.895	-0.006	11.98
12/4/2011 1:00	20737	13.04	38.68	11.53	29.63	7.625	38.52	12.18	15.31	13.78	32.58	76.9	70.54	0	0	26.28	6.892	-0.003	12.2
12/4/2011 2:00	20738	12.35	27.04	11.31	22.47	7.795	27.88	12.54	18.89	11.81	30.88	77.63	71.17	0	0	26.26	6.887	-0.005	11.92
12/4/2011 3:00	20739	11.31	27.83	18.42	22.47	7.64	28.67	18.93	20.68	10.95	30.17	77.69	71.14	0	0	26.26	6.884	-0.003	12.28
12/4/2011 4:00	20740	7.389	45.25	12.82	11.74	4.517	44.91	14.95	9.95	10.24	29.32	79.47	73.1	0	0	26.27	6.884	0	12.08
12/4/2011 5:00	20741	7.117	16.17	11.74	11.74	5.315	15.02	14.38	11.74	10.13	29.53	80.4	73.43	0	0	26.27	6.881	-0.003	16.21
12/4/2011 6:00	20742	6.334	18.54	14.59	11.74	4.328	19.74	15.5	9.95	10.04	29.51	80.9	73.91	0	0	26.26	6.881	0	15.8
12/4/2011 7:00	20743	6.904	38.23	18.55	11.74	4.441	38.24	19.67	9.95	9.97	29.61	80.7	73.98	0	0	26.27	6.881	0	14.96
12/4/2011 8:00	20744	8.57	44.25	11.17	13.52	5.009	42.56	12.67	9.95	10.17	29.59	78.34	71.96	0	4.493	26.29	6.881	0	11.9
12/4/2011 9:00	20745	8.65	44.55	13.91	13.52	5.202	44.44	15.44	13.52	10.72	30.18	76.97	70.43	0	31.27	26.29	6.878	-0.003	16.4
12/4/2011 10:00	20746	7.479	85.3	13.33	13.52	5.322	84.5	18.75	9.95	12.42	32.03	74.96	68.16	0	87.4	26.3	6.876	-0.002	16.03
12/4/2011 11:00	20747	6.575	105.7	20.54	11.74	4.676	105.5	23.35	9.95	15.84	34.68	71.89	64.88	0	168.6	26.31	6.876	-0.001	14.27
12/4/2011 12:00	20748	5.882	103.6	35.21	11.74	4.311	103.8	38.49	9.95	18.29	37.3	68.05	60.95	0	239.3	26.31	6.872	-0.004	11.94
12/4/2011 13:00	20749	3.525	115.6	55.79	8.16	2.645	118.4	57.41	6.368	22.06	40.61	62.97	56.52	0	278.1	26.31	6.87	-0.002	11.95
12/4/2011 14:00	20750	4.289	144.2	24.82	9.95	3.066	146.7	28.4	6.368	21.14	41.14	63.51	56.77	0	173	26.29	6.87	0	12.29
12/4/2011 15:00	20751	5.059	104.7	25.41	9.95	3.857	104.3	32.18	8.16	22.11	41.97	61.23	54.84	0	201.4	26.26	6.87	0	16.24
12/4/2011 16:00	20752	6.796	78.51	18.37	13.52	4.955	75.53	23.09	9.95	22.34	42.32	61.11	54.69	0	129.3	26.24	6.864	-0.006	11.98
12/4/2011 17:00	20753	9.13	66.96	12.15	15.31	6.221	65.31	16.73	11.74	22.58	41.93	63.21	56.83	0	91.4	26.23	6.861	-0.003	16.33
12/4/2011 18:00	20754	11.44	80.3	7.434	17.1	7.165	79.11	15.23	13.52	22.97	41.03	63.72	58.18	0	36.14	26.21	6.855	-0.006	11.97
12/4/2011 19:00	20755	9.03	63.87	11.29	15.31	5.966	62.79	14.3	11.74	20.74	38.32	69	63.64	0	0.026	26.2	6.856	0.002	11.99
12/4/2011 20:00	20756	11.7	63.45	8.42	17.1	7.941	62.74	13.65	15.31	20.16	38.41	70.71	64.84	0	0	26.2	6.853	-0.003	12.05
12/4/2011 21:00	20757	11.88	52.72	10.68	20.68	7.439	50.18	14.8	17.1	19.69	37.79	72.32	66.73	0	0	26.22	6.853	0	11.96
12/4/2011 22:00	20758	6.77	35.84	22.7	15.31	4.412	35.56	24.82	13.52	18.1	36.11	78.28	71.72	0.03	0	26.27	6.853	0	12.1
12/4/2011 23:00	20759	5.368	22.7	21.43	11.74	2.937	26.64	19.49	8.16	13.55	32.75	91.3	82.2	0.08	0	26.29	6.904	0.051	16.12
12/5/2011 0:00	20760	9.97	53.59	10.14	17.1	6.125	52.39	14.8	13.52	13.19	32.48	92.9	84.5	0.02	0	26.28	6.923	0.019	11.92
12/5/2011 1:00	20761	13.04	61.6	7.969	20.68	8.93	60.97	13.16	15.31	13.33	32.19	93.3	85.6	0.02	0	26.27	6.946	0.023	12.08
12/5/2011 2:00	20762	15.49	67.01	7.255	24.26	10.7	64.86	13.06	20.68	13.02	31.88	93.5	96.8	0	0	26.25	6.962	0.017	15.47
12/5/2011 3:00	20763	16.22	67.09	7.499	26.05	11.27	64.97	13.1	20.68	11.15	30.58	91.8	99.9	0	0	26.26	6.962	-0.001	12.68
12/5/2011 4:00	20764	15.51	64.29	7.716	26.05	10.84	63.12	13.08	18.89	10.73	30.28	90.8	99.9	0	0	26.26	6.963	0.001	11.9
12/5/2011 5:00	20765	13.38	63.16	8.45	20.68	9.34	61.6	13.04	17.1	10.84	30.11	91	99.4	0.01	0	26.27	6.966	0.004	15.59
12/5/2011 6:00	20766	11.81	60.51	10.26	20.68	8.02	59.02	14.46	17.1	10.28	29.69	91.1	96.4	0	0	26.29	6.97	0.003	12.07
12/5/2011 7:00	20767	11.82	62.75	8.73	18.89	8.2	61.33	13.3	13.52	9.37	28.75	89.8	93.3	0	0	26.32	6.97	0	16.11
12/5/2011 8:00	20768	8.72	67.79	9.92	15.31	5.898	65.23	14.66	11.74	8.33	28.29	90.5	91.5	0	1.298	26.35	6.97	0	16.2
12/5/2011 9:00	20769	7.913	50.57	10.45	13.52	4.663	48.14	14.19	11.74	8.45	28.7	89.8	90.5	0	18.36	26.37	6.97	0	13.77
12/5/2011 10:00	20770	11.29	54.63	11.83	18.89	7.096	52.19	15.47	17.1	8.98	29.06	87.9	88.2	0	66.26	26.38	6.969	0	15.81
12/5/2011 11:00	20771	14.2	65.1	8.4	20.68	10.02	63.21	13.61	17.1	9	29.44	85.4	84.6	0	142.4	26.39	6.975	0.006	15.64
12/5/2011 12:00	20772	13.72	63.54	8.31	20.68	9.68	62.13	13.76	17.1	9.7	29.88	83.1	80.1	0	161.9	26.39	6.981	0.006	11.98
12/5/2011 13:00	20773	12.59	56.59	10.87	20.68	8.41	55.42	14.66	17.1	9.64	29.55	82	76.84	0	86.7	26.39	6.981	0	15.52
12/5/2011 14:00	20774	12.84	40	11.97	22.47	7.309	39.54	13.1	17.1	8.21	28.41	84.2	77.56	0	66.34	26.37	6.985	0.004	12.04
12/5/2011 15:00	20775	13.59	41.37	10.17	20.68	7.594	40.19	11.3	15.31	6.83	27.66	84.1	77.36	0	65.08	26.35	6.986	0	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/5/2011 16:00	20776	13.43	32.94	11.55	20.68	7.746	34.04	12.19	17.1	5.884	26.69	82.9	76.26	0	42.18	26.34	6.983	-0.003	15.36
12/5/2011 17:00	20777	14.15	28.42	10.66	22.47	8.46	29.9	12.04	18.89	4.226	25.33	80.4	74.03	0	20.07	26.36	6.983	0	11.91
12/5/2011 18:00	20778	13.02	32.06	11.27	20.68	7.635	33.25	12.34	17.1	3.539	24.01	79.24	72.95	0	6.254	26.37	6.983	0.001	12.3
12/5/2011 19:00	20779	13.67	22.85	9.61	20.68	9.18	24.18	11.61	18.89	1.654	22.61	78.76	72.49	0	0	26.38	6.984	0	12.85
12/5/2011 20:00	20780	13.22	20.82	9.82	20.68	9.32	21.44	11.29	20.68	0.544	21.65	78.21	71.91	0	0	26.39	6.984	0	11.85
12/5/2011 21:00	20781	11.6	22.06	10.15	20.68	8.1	22.49	11.61	20.68	-0.125	21.04	78.03	71.65	0	0	26.4	6.984	0	12.29
12/5/2011 22:00	20782	12.19	19.62	9.77	20.68	8.68	20.5	11.25	17.1	-0.401	20.53	76.75	70.35	0	0	26.41	6.985	0.001	12.22
12/5/2011 23:00	20783	10.08	15.65	9.74	17.1	7.588	17.33	10.93	15.31	-0.994	19.81	77.53	70.88	0	0	26.41	6.985	0	11.97
12/6/2011 0:00	20784	10.32	17.85	10.53	17.1	7.519	18.47	12.01	15.31	-1.264	19.74	77.5	70.87	0	0	26.41	6.985	0	12.06
12/6/2011 1:00	20785	10.19	6.466	10.02	15.31	7.399	6.553	13.9	13.52	-1.948	19.33	78.78	72.19	0	0	26.41	6.985	0	11.56
12/6/2011 2:00	20786	9.54	8.75	10.48	15.31	6.965	10.21	14.12	13.52	-2.446	18.53	78.6	72.35	0	0	26.41	6.985	0	12.04
12/6/2011 3:00	20787	7.529	359.4	14.03	13.52	5.488	359.7	17.33	9.95	-3.552	17.37	78.07	71.81	0	0	26.41	6.985	0	12.07
12/6/2011 4:00	20788	7.584	350.3	10.48	11.74	5.539	349	13.02	9.95	-5.137	16.35	78.07	71.71	0	0	26.4	6.985	0	15.76
12/6/2011 5:00	20789	6.905	343.4	9.31	11.74	5.125	342	12.15	9.95	-7.544	13.75	77.93	71.33	0	0	26.38	6.986	0.001	13.63
12/6/2011 6:00	20790	6.459	339.3	9.19	11.74	4.646	338.8	12.53	9.95	-8.74	12.56	77.61	71.06	0	0	26.36	6.984	-0.002	12.48
12/6/2011 7:00	20791	7.806	353.5	9.57	11.74	5.698	350.4	13.47	9.95	-7.163	14.24	76.26	69.79	0	0	26.36	6.984	0	12.18
12/6/2011 8:00	20792	5.412	335.6	17.06	9.95	3.956	334.2	17.75	8.16	-8.12	13.08	77.22	70.48	0	3.51	26.38	6.984	0	12.03
12/6/2011 9:00	20793	8.33	340.8	17.53	15.31	6.099	339.4	18.29	11.74	-5.754	15.38	75.48	68.95	0	56.45	26.39	6.984	-0.001	16.05
12/6/2011 10:00	20794	9.28	335.6	10.04	13.52	6.809	335	13.99	11.74	-4.322	17.65	71.89	64.37	0	155.8	26.43	6.984	0.001	11.86
12/6/2011 11:00	20795	7.761	330.3	9.68	11.74	5.95	332.1	13.34	9.95	-2.867	19.82	68.59	60.57	0	243	26.47	6.983	-0.002	12.22
12/6/2011 12:00	20796	7.31	319.2	16.29	11.74	5.65	322.2	19	9.95	-0.457	22.18	67.06	58.99	0	364.2	26.5	6.984	0.001	16.39
12/6/2011 13:00	20797	6.13	282.5	18.98	9.95	5.16	283.6	21.95	9.95	2.639	24.82	66.63	59.26	0	538.1	26.49	6.986	0.002	12.26
12/6/2011 14:00	20798	7.157	266.4	16.52	13.52	5.999	267.1	19.97	9.95	3.801	26.5	67	60.13	0	620.6	26.46	6.986	0	11.97
12/6/2011 15:00	20799	8.96	258.3	14.58	15.31	7.358	257.5	15.99	11.74	4.85	27.6	69.53	62.97	0	541.5	26.43	6.983	-0.002	16.44
12/6/2011 16:00	20800	9.33	251.3	11.84	17.1	7.493	251.5	12.77	13.52	7.692	29.6	68.7	62.73	0	407.6	26.41	6.983	0	16.35
12/6/2011 17:00	20801	9.45	251.9	9.78	15.31	7.692	252.2	10.76	13.52	8.32	29.96	67.43	61.83	0	225.7	26.4	6.983	0	15.97
12/6/2011 18:00	20802	7.483	248.5	7.385	13.52	5.436	248.1	8.18	9.95	7.166	27.92	72.33	67.03	0	45.18	26.38	6.984	0	12.18
12/6/2011 19:00	20803	5.796	243.5	4.213	8.16	2.551	245.9	7.276	4.578	4.348	23.53	77.73	73.61	0	0.091	26.35	6.983	-0.001	13.75
12/6/2011 20:00	20804	4.875	266	21.69	9.95	2.549	280	29.02	6.368	2.479	22.44	79.64	75.36	0	0	26.34	6.984	0.001	12.27
12/6/2011 21:00	20805	4.122	258.7	21.23	6.368	1.32	274.5	27.22	4.578	0.966	20.78	81.9	77.08	0	0	26.35	6.985	0.001	15.67
12/6/2011 22:00	20806	3.791	256.8	13.94	6.368	0.766	262.9	17.21	4.578	-0.407	19.53	82.5	77.74	0	0	26.36	6.985	0	12.18
12/6/2011 23:00	20807	3.979	262.9	11.98	6.368	1.104	274	20.19	4.578	-0.518	18.66	81.2	77.64	0	0	26.35	6.985	0	11.76
12/7/2011 0:00	20808	5.213	277	11.55	8.16	1.764	287.5	11.31	4.578	0.06	18.32	79.94	76.68	0	0	26.35	6.982	-0.003	12.8
12/7/2011 1:00	20809	3.548	283.1	21.77	6.368	0.73	265.4	22.47	4.578	0.174	18.24	79.01	76.77	0	0	26.35	6.982	0	16.28
12/7/2011 2:00	20810	5.785	314.8	7.846	9.95	2.944	314	9.43	6.368	-0.4	18.79	78.9	75.73	0	0	26.35	6.982	0	12.23
12/7/2011 3:00	20811	8.21	314.3	6.504	11.74	5.532	315.8	7.401	8.16	1.117	21.51	76.69	72.46	0	0	26.34	6.985	0.003	11.78
12/7/2011 4:00	20812	7.463	305.1	7.938	11.74	4.859	302.9	13.5	9.95	-0.159	20.33	76.58	71.66	0	0	26.35	6.985	0	12.05
12/7/2011 5:00	20813	9.3	309.6	6.058	11.74	6.457	313.5	6.699	9.95	1.418	21.65	71.36	67.78	0	0	26.35	6.985	0	13.64
12/7/2011 6:00	20814	9.5	301.8	6.71	13.52	6.761	304.9	7.884	9.95	1.054	21.47	73.28	68.74	0	0	26.35	6.985	0	11.79
12/7/2011 7:00	20815	11.97	311	9.3	20.68	9.24	312.3	10.16	17.1	2.304	22.78	71.08	66.7	0	0	26.36	6.985	0	11.93
12/7/2011 8:00	20816	12.88	317.5	9.79	20.68	9.72	318.3	12.39	17.1	4.711	25.66	65.29	61.76	0	6.797	26.36	6.984	-0.001	15.5
12/7/2011 9:00	20817	11.31	326.7	6.305	17.1	8.18	324.7	11.09	13.52	8.72	29.37	60.11	56.98	0	138.6	26.38	6.983	-0.001	12.24
12/7/2011 10:00	20818	7.968	315.4	19.34	13.52	5.152	314.1	23.55	11.74	15.78	36.86	54.47	50.55	0	319.1	26.44	6.983	0	11.92
12/7/2011 11:00	20819	6.32	325.5	12.69	11.74	4.398	327.9	16.61	9.95	20.9	41.07	51.63	46.58	0	468.6	26.51	6.981	-0.003	15.94
12/7/2011 12:00	20820	6.134	314.2	15.26	11.74	4.814	316.1	19.02	8.16	23.9	42.92	50	45.21	0	569.4	26.55	6.972	-0.008	15.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/7/2011 13:00	20821	6.789	309.5	20.04	13.52	5.532	310.4	23.23	11.74	26.41	44.6	47.47	43.13	0	612.3	26.55	7.049	0.076	15.95
12/7/2011 14:00	20822	5.689	287	26.85	9.95	4.777	288.9	30.36	8.16	29.68	47.03	45.89	41.24	0	593.2	26.53	7.052	0.003	11.97
12/7/2011 15:00	20823	5.615	256.5	31.1	9.95	4.483	258.2	33.59	9.95	31.97	49.06	40.81	36.46	0	520.1	26.51	7.061	0.009	11.94
12/7/2011 16:00	20824	6.904	206.9	14.53	13.52	5.443	211.6	16.61	9.95	33.99	50.2	48.68	43.69	0	393.3	26.5	7.09	0.029	15.98
12/7/2011 17:00	20825	7.741	188.8	9.08	11.74	5.41	192.8	13.61	11.74	31.62	49.29	43.49	39.44	0	201.7	26.46	7.172	0.083	12.23
12/7/2011 18:00	20826	6.249	177.7	7.967	11.74	3.142	175.4	14.75	9.95	41.44	44.2	44.9	43.52	0	34.96	26.42	7.174	0.002	12.01
12/7/2011 19:00	20827	6.091	175.2	9.24	8.16	2.008	146.9	22.97	4.578	35.42	37.7	49.87	53.78	0	0.073	26.37	7.17	-0.004	12.05
12/7/2011 20:00	20828	3.38	179.7	15.12	4.578	0.673	85.1	7.082	2.789	28.58	37.2	52.07	55.37	0	0	26.34	7.167	-0.002	11.98
12/7/2011 21:00	20829	3.614	124.1	26.04	4.578	2.33	73.71	17.15	4.578	27.14	36.43	54.78	56.66	0	0	26.33	7.168	0	11.93
12/7/2011 22:00	20830	5.718	129.9	14.81	8.16	2.109	99.1	15.47	4.578	24.79	34.13	61.07	62.69	0	0	26.32	7.168	0	15.98
12/7/2011 23:00	20831	6.658	149.8	5.949	9.95	2.135	135.2	13.6	4.578	21.73	31.59	65.03	66.96	0	0	26.31	7.169	0.002	15.76
12/8/2011 0:00	20832	4.847	147.2	10.3	8.16	1.656	106.6	15.6	4.578	19.13	30.28	68.37	69.03	0	0	26.28	7.17	0.001	15.61
12/8/2011 1:00	20833	5.058	202.3	10.91	8.16	1.175	202.4	15.34	4.578	19.63	29.99	65.69	67.28	0	0	26.27	7.17	0	11.95
12/8/2011 2:00	20834	6.238	207.6	5.716	8.16	2.857	210.5	9.4	4.578	18.98	29.94	66.69	67.09	0	0	26.25	7.17	0	16.12
12/8/2011 3:00	20835	3.862	211.7	11.86	9.95	1.532	213.4	29.02	6.368	16.79	28.59	70.39	69.29	0	0	26.23	7.17	0	11.89
12/8/2011 4:00	20836	3.461	208.1	16.98	8.16	0.785	178.3	6.868	4.578	16.49	27.57	71.54	71.09	0	0	26.21	7.168	-0.002	16.16
12/8/2011 5:00	20837	2.946	205.9	13.93	6.368	0.196	183.9	4.923	2.789	15.18	26.7	73.14	72.05	0	0	26.2	7.168	0	12
12/8/2011 6:00	20838	3.238	201.7	15.13	6.368	0.223	133.4	9.58	2.789	14.73	25.77	74.18	74.51	0	0	26.19	7.168	0	12.22
12/8/2011 7:00	20839	6.056	207	7.753	8.16	2.298	211.2	11.66	4.578	14.05	25.32	74.53	73.78	0	0	26.19	7.168	0	12.08
12/8/2011 8:00	20840	5.584	220.9	12.88	9.95	1.967	225.9	19.55	6.368	13.09	24.83	75.82	74.11	0	5.885	26.19	7.168	0	15.14
12/8/2011 9:00	20841	3.734	243.7	30.32	8.16	1.751	262	28.89	4.578	15.49	28.95	74.25	69.32	0	134.5	26.21	7.17	0.002	12.1
12/8/2011 10:00	20842	4.264	230.9	32.9	8.16	3.361	230.2	30.11	8.16	20.31	34.76	69.39	63.27	0	317.7	26.27	7.17	0	15.95
12/8/2011 11:00	20843	7.024	213.7	11.44	11.74	5.585	217.4	13.3	9.95	23.16	37.68	67.22	61.59	0	468.2	26.33	7.171	0.002	12.1
12/8/2011 12:00	20844	8.95	218.4	12.88	15.31	7.178	221.4	14.23	11.74	28.14	42.48	60.13	54.73	0	568.8	26.35	7.169	-0.002	12.05
12/8/2011 13:00	20845	8.98	240.1	17.2	15.31	7.451	240.7	18.16	13.52	34.43	48.05	49.95	45.52	0	608.3	26.34	7.131	-0.038	12.1
12/8/2011 14:00	20846	7.949	249.8	18.87	13.52	6.654	250.4	20.13	11.74	38.84	52.58	41.85	37.8	0	540.2	26.33	7.109	-0.022	12.05
12/8/2011 15:00	20847	8.33	256.3	17.13	15.31	7.068	257.1	18.59	13.52	42.5	55.15	36.85	33.15	0	420.4	26.32	7.086	-0.022	12.32
12/8/2011 16:00	20848	6.52	271.3	15.18	11.74	5.479	272	17.59	9.95	46.23	56.82	34.47	30.78	0	354.5	26.31	7.086	0	16
12/8/2011 17:00	20849	6.313	249.7	17.2	9.95	5.208	248.7	17.72	9.95	48.9	57.28	33.36	30.09	0	218.6	26.3	7.083	-0.003	12.3
12/8/2011 18:00	20850	5.27	241.1	26.93	8.16	3.124	238.9	30.19	6.368	45.46	52.65	41.38	39.77	0	42.59	26.29	7.083	0	12.4
12/8/2011 19:00	20851	5.091	335.4	30.33	8.16	2.722	2.93	16.96	6.368	37.39	45.4	47.49	50.39	0	0.039	26.26	7.086	0.002	16
12/8/2011 20:00	20852	6.593	343.3	11.02	9.95	2.922	0.952	13.18	6.368	34.38	42.39	48.69	53.37	0	0.001	26.25	7.084	-0.002	15.52
12/8/2011 21:00	20853	8.79	354	11.04	13.52	5.152	0.961	11.86	9.95	33.12	42.54	49.74	51.02	0	0.001	26.25	7.084	0	12.09
12/8/2011 22:00	20854	7.199	13.28	11.32	11.74	3.863	20.58	20.07	9.95	30.33	39.87	56.76	56.93	0	0	26.26	7.085	0.001	12.02
12/8/2011 23:00	20855	13.26	20.4	9.06	20.68	8.78	23.42	10.71	17.1	27.03	38.88	63.08	59.14	0	0	26.27	7.085	0	11.95
12/9/2011 0:00	20856	15.04	23.43	8.84	24.26	9.69	25.49	10.83	24.26	22.67	35	73.23	67.98	0	0	26.28	7.085	0	16.09
12/9/2011 1:00	20857	16.65	20.55	7.841	31.42	11.84	20.65	10.12	26.05	20.54	33.57	75.72	70.2	0	0	26.28	7.082	-0.003	11.95
12/9/2011 2:00	20858	13.87	14.18	10.93	20.68	10.11	14.4	12.51	18.89	20.02	32.63	77.62	71.85	0	0	26.28	7.083	0.001	11.93
12/9/2011 3:00	20859	12.77	2.011	8.31	18.89	9	1.022	11.64	15.31	19.06	31.66	79.81	73.93	0	0	26.29	7.083	0.001	14.94
12/9/2011 4:00	20860	13.19	5.132	8.86	20.68	9.67	5.239	11.45	18.89	18.71	31.42	79.82	73.96	0	0	26.29	7.084	0.001	11.93
12/9/2011 5:00	20861	13.46	3.584	7.824	18.89	9.57	3.541	10.25	15.31	17.89	30.47	80.2	74.35	0	0	26.29	7.084	0	11.88
12/9/2011 6:00	20862	12.23	6.331	8.55	20.68	8.97	7.117	10.51	18.89	16.96	29.99	80.1	74.16	0	0	26.29	7.084	0	11.89
12/9/2011 7:00	20863	11.12	5.342	8.53	17.1	8.01	6.839	10.27	15.31	15.86	29.28	80.8	74.73	0	0	26.31	7.084	0	11.93
12/9/2011 8:00	20864	12.77	6.088	8.63	20.68	9.39	8.89	10.58	17.1	15.94	29.06	80.8	74.64	0	3.147	26.33	7.084	0	12.06
12/9/2011 9:00	20865	11.41	8.16	9.62	18.89	8.2	10.57	12.03	15.31	16.48	30.65	78.53	72.2	0	115.7	26.37	7.084	0	11.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/9/2011 10:00	20866	11.4	21.45	9.36	17.1	7.81	23.27	11.6	15.31	19.65	34.86	74.04	67.67	0	304.5	26.44	7.085	0.001	11.98
12/9/2011 11:00	20867	9.89	34.57	12.37	15.31	6.15	36.17	13.69	11.74	24.39	38.68	70.52	64.19	0	445.3	26.5	7.083	-0.002	11.95
12/9/2011 12:00	20868	8.92	50.35	13.87	13.52	5.868	48.19	15.96	11.74	27.79	43.08	64.89	58.37	0	551.4	26.54	7.084	0.001	14
12/9/2011 13:00	20869	8.35	65.52	18.06	15.31	5.806	62.57	23.35	11.74	30.09	46.85	59.04	52.24	0	597.5	26.56	7.083	-0.001	11.83
12/9/2011 14:00	20870	8.79	45.13	21.99	17.1	6.064	42.86	23.28	13.52	30.4	48.17	55.45	49.39	0	581.5	26.56	7.074	-0.01	12
12/9/2011 15:00	20871	9.22	49.82	16.14	17.1	6.199	46.47	18.62	11.74	30.89	49.02	53.67	47.78	0	505.8	26.55	7.09	0.016	11.98
12/9/2011 16:00	20872	7.855	43.02	19.52	15.31	5.265	42.45	20.61	11.74	31.58	49.36	51.64	46.1	0	374.6	26.56	7.09	0	12.01
12/9/2011 17:00	20873	8.58	40.34	13.52	15.31	5.33	39.02	14.47	11.74	30.8	48.55	51.61	46.56	0	213	26.55	7.09	0	12.07
12/9/2011 18:00	20874	8.3	44.73	10.89	13.52	4.713	43.75	12.77	11.74	31.4	45.16	56.91	52.58	0	38.91	26.53	7.085	-0.004	13.96
12/9/2011 19:00	20875	7.973	52.66	8.04	13.52	5.05	53.66	11.42	11.74	26.87	40.53	65.62	61.72	0	0.042	26.52	7.08	-0.006	16.12
12/9/2011 20:00	20876	9.98	51.89	9.01	15.31	6.13	50.63	13.07	11.74	21.77	36.82	74.9	69.64	0	0	26.52	7.079	-0.001	11.99
12/9/2011 21:00	20877	8.79	46.95	8.42	13.52	4.857	45.56	12.49	9.95	19.95	34.65	78.27	72.97	0	0	26.52	7.069	-0.009	13.34
12/9/2011 22:00	20878	8.15	58.65	9.31	13.52	5.038	61.37	14.28	9.95	18.62	33.11	79.48	74.42	0	0	26.53	7.069	0	11.97
12/9/2011 23:00	20879	6.933	58.33	7.375	9.95	4.25	58.81	11.61	8.16	15.97	30.79	82.9	77.65	0	0	26.53	7.068	-0.002	12.17
12/10/2011 0:00	20880	7.367	60.83	6.952	11.74	4.654	61.48	11.16	8.16	15.17	30.03	84.3	78.81	0	0	26.54	7.068	0.001	11.98
12/10/2011 1:00	20881	7.945	62.23	7.784	11.74	4.973	61.4	12.01	8.16	12.53	28.53	85.8	79.91	0	0	26.53	7.068	0	15.66
12/10/2011 2:00	20882	8.09	57.62	8.07	13.52	5.36	58.79	11.88	9.95	10.03	27.85	87.4	81.1	0	0	26.53	7.068	0	13.5
12/10/2011 3:00	20883	7.991	62.05	7.935	13.52	5.18	62.54	12.77	9.95	8.55	26.65	88.3	81.8	0	0	26.52	7.068	0	14.44
12/10/2011 4:00	20884	7.767	55.64	9.8	11.74	4.879	55	13.64	9.95	9.63	25.77	89.4	82.6	0	0	26.51	7.069	0	12.1
12/10/2011 5:00	20885	8.49	63.65	11.36	15.31	5.635	62.25	14.45	9.95	7.152	26.16	90.2	83.5	0	0	26.51	7.068	0	15.69
12/10/2011 6:00	20886	9.41	70.66	14.57	15.31	6.223	68.7	18.98	11.74	7.53	26.73	90.9	84.5	0	0	26.51	7.068	0	12.09
12/10/2011 7:00	20887	5.744	65.12	24.98	9.95	3.64	63.44	25.26	8.16	7.07	26.36	90.5	84.8	0	0	26.53	7.068	0	11.87
12/10/2011 8:00	20888	6.267	68.9	14.75	9.95	4.102	66.97	18.68	8.16	6.383	26.06	90.2	84.8	0	0.709	26.55	7.068	0	15.76
12/10/2011 9:00	20889	4.895	92.6	19.54	9.95	3.416	90	23.03	8.16	6.965	26.32	90.3	85	0	18.97	26.57	7.068	0	15.62
12/10/2011 10:00	20890	5.295	99.2	20.76	9.95	3.62	98.9	24.63	8.16	8.21	27.21	90.6	85.5	0	57.38	26.58	7.068	0	12.09
12/10/2011 11:00	20891	4.748	78.7	16.22	9.95	3.214	76.66	21.96	8.16	9.14	28.19	90.9	86	0	111.9	26.59	7.068	0	11.9
12/10/2011 12:00	20892	3.787	105	36.33	8.16	2.716	106.8	34.15	8.16	10.15	28.9	91.1	86.4	0	147.4	26.59	7.067	-0.001	11.98
12/10/2011 13:00	20893	2.969	125	37.27	8.16	2.053	121.3	38.3	6.368	10.44	29.36	91.3	86.5	0	127.1	26.58	7.069	0.002	12.04
12/10/2011 14:00	20894	2.993	79.29	32.96	6.368	2.079	78.21	32.14	6.368	10.41	29.69	91.4	86.6	0	121.8	26.55	7.069	0	11.98
12/10/2011 15:00	20895	3.372	92.4	36.88	8.16	2.263	90.6	37.85	6.368	10.7	30.16	91.6	86.8	0	100.5	26.51	7.069	0	16.07
12/10/2011 16:00	20896	4.462	104.6	22.16	8.16	3.195	104	24.3	6.368	10.19	29.88	91.8	87	0	41.08	26.5	7.066	-0.003	11.96
12/10/2011 17:00	20897	5.053	101.4	14.7	8.16	3.775	99.7	20.29	8.16	10.2	29.73	92	87.4	0	21.84	26.49	7.067	0.001	11.96
12/10/2011 18:00	20898	4.634	90.8	13.71	8.16	3.384	89.8	18.49	6.368	10.33	29.82	92.3	87.8	0	4.513	26.48	7.067	0	15.91
12/10/2011 19:00	20899	5.125	107	13.66	8.16	3.625	107.6	17.64	6.368	10.78	30	92.5	88.3	0	0	26.48	7.068	0	15.83
12/10/2011 20:00	20900	4.132	105	11.57	8.16	2.818	103.3	16.77	6.368	11.53	30.71	92.9	88.8	0	0	26.48	7.067	-0.001	15.6
12/10/2011 21:00	20901	4.217	100.8	14.09	8.16	2.842	100.6	17.07	6.368	12.8	31.66	93.2	89.7	0	0	26.48	7.067	0	11.93
12/10/2011 22:00	20902	5.108	100.1	10.8	8.16	3.735	100.4	15.52	8.16	13.38	32.01	93.4	97.8	0	0.001	26.49	7.066	-0.001	12.04
12/10/2011 23:00	20903	5.529	97.6	8.99	9.95	4.044	96.9	14.22	6.368	13.69	32.19	93.6	99.9	0	0	26.48	7.066	0	12.04
12/11/2011 0:00	20904	5.014	115.5	12.49	8.16	3.407	114.5	17.01	6.368	13.98	32.54	93.7	99.9	0	0	26.49	7.066	0	12.18
12/11/2011 1:00	20905	4.598	118.4	9.16	13.52	2.921	119.9	15.21	9.95	13.44	32.75	93.9	99.9	0	0	26.47	7.069	0.003	12.55
12/11/2011 2:00	20906	6.375	126.6	8.75	9.95	4.041	127.6	15.4	8.16	13.94	33.03	93.9	99.9	0	0	26.46	7.066	-0.003	12.02
12/11/2011 3:00	20907	6.44	121.5	9.01	9.95	4.066	122.9	15.38	8.16	14.23	33.15	94.1	99.9	0	0	26.45	7.066	0	12.04
12/11/2011 4:00	20908	6.148	119.3	9.01	8.16	3.937	120.7	15.72	6.368	14.8	33.39	94.4	99.9	0	0	26.43	7.066	0	12.09
12/11/2011 5:00	20909	5.989	105.4	8.86	9.95	4.181	105.7	14.5	8.16	14.42	33.55	94.6	99.9	0	0	26.41	7.069	0.003	12.32
12/11/2011 6:00	20910	6.368	109.3	10.42	9.95	4.259	109.6	16.16	8.16	15.11	33.86	94.7	99.9	0	0	26.39	7.069	0	12.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/11/2011 7:00	20911	6.437	122.3	8.89	9.95	4.115	122.9	15.28	8.16	15.76	34.5	94.9	99.9	0	0	26.38	7.069	0	11.94
12/11/2011 8:00	20912	6.335	128.4	9.54	9.95	4.162	130.9	15.9	8.16	16.85	35.22	95.1	99.9	0	0.648	26.39	7.069	0	11.96
12/11/2011 9:00	20913	7.03	135.9	8.41	11.74	4.658	138.3	14.23	8.16	18.42	36.13	95.3	99.9	0	15.79	26.39	7.069	0	11.94
12/11/2011 10:00	20914	9.15	156.3	13.94	17.1	5.871	161	18.15	13.52	19.09	37.53	95.5	99.9	0	41.43	26.4	7.069	0	16.22
12/11/2011 11:00	20915	11.42	163.8	8.84	17.1	7.313	167.9	14.11	13.52	20.11	38.38	95.7	99.9	0	53.06	26.41	7.069	0	11.94
12/11/2011 12:00	20916	12.01	167.2	9.64	18.89	7.713	171.5	14.82	13.52	19.79	38.98	95.7	99.9	0	76.9	26.39	7.068	0	11.96
12/11/2011 13:00	20917	12.68	172.7	9.13	18.89	8.14	176.6	14.67	13.52	20.15	39.49	95.8	99.9	0	85.2	26.37	7.064	-0.004	14.63
12/11/2011 14:00	20918	14.01	173.1	9.15	20.68	8.97	177.7	14.57	15.31	18.5	39.5	95.8	99.9	0	67.91	26.34	7.061	-0.003	15.96
12/11/2011 15:00	20919	12.12	177.3	10.8	18.89	7.91	182.4	15.86	13.52	19.62	39.67	95.9	99.9	0	57.01	26.32	7.058	-0.003	16.03
12/11/2011 16:00	20920	11.17	178.9	9.16	18.89	7.251	183.2	14.81	13.52	19.82	39.69	95.9	99.9	0	36.06	26.31	7.051	-0.007	15.91
12/11/2011 17:00	20921	10.16	170.2	9.9	15.31	6.535	174	14.61	11.74	19.82	39.7	95.9	99.9	0	24.64	26.3	7.049	-0.003	12.25
12/11/2011 18:00	20922	10.09	160.4	8.82	15.31	6.419	164.3	14.12	11.74	19.35	39.52	96	99.9	0	4.766	26.29	7.042	-0.006	12.03
12/11/2011 19:00	20923	10.1	158.2	8.64	17.1	6.381	162.6	13.94	11.74	19.34	39.38	96	99.9	0	0.005	26.29	7.036	-0.006	15.91
12/11/2011 20:00	20924	9.74	170.5	8.92	15.31	6.209	174.3	14.56	11.74	19.12	39.16	96	99.9	0	0.002	26.3	7.03	-0.006	11.92
12/11/2011 21:00	20925	10.07	160.9	8.34	15.31	6.364	165.3	13.95	11.74	18.5	38.81	96	99.9	0	0.005	26.3	7.027	-0.003	15.38
12/11/2011 22:00	20926	10.09	158.8	9.02	15.31	6.368	162.5	14.03	11.74	18.06	38.62	96	99.9	0	0.001	26.3	7.014	-0.013	15.84
12/11/2011 23:00	20927	9.65	158.6	9.12	15.31	6.122	162.6	14.66	11.74	18.04	38.48	96	99.9	0	0.002	26.31	6.904	-0.111	16.16
12/12/2011 0:00	20928	9.19	160.3	10	15.31	5.841	163.7	15	13.52	17.42	38.41	96	99.9	0	0.002	26.3	6.903	0	15.52
12/12/2011 1:00	20929	9	171.7	10.1	17.1	5.862	175.8	15.4	13.52	17.81	38.59	96.1	99.9	0	0.002	26.29	6.904	0	16.09
12/12/2011 2:00	20930	7.769	173.7	10.2	13.52	5.095	178.7	14.88	11.74	18.49	39.07	96.2	99.9	0	0.004	26.29	6.903	0	12.01
12/12/2011 3:00	20931	8.61	169.3	12.6	13.52	5.59	173.2	17.31	9.95	18.33	38.97	96.2	99.9	0	0.003	26.28	6.903	0	15.97
12/12/2011 4:00	20932	8.14	157.2	10.38	13.52	5.146	160	14.91	9.95	18.51	38.85	96.2	99.9	0	0.003	26.27	6.903	0	16.14
12/12/2011 5:00	20933	7.675	161.1	9.35	11.74	4.776	164.8	13.92	9.95	19.35	39.23	96.3	99.9	0	0.003	26.27	6.903	0	11.92
12/12/2011 6:00	20934	7.519	161.6	10.53	11.74	4.887	165.6	14.8	9.95	19.71	39.65	96.3	99.9	0	0.003	26.28	6.903	0	11.92
12/12/2011 7:00	20935	7.983	153.2	11.67	11.74	5.12	155.9	15.89	9.95	20.02	39.8	96.4	99.9	0	0.007	26.29	6.903	0	11.93
12/12/2011 8:00	20936	7.531	128.4	18.47	13.52	4.911	130.3	23.65	9.95	19.02	39.99	96.4	99.9	0	1.036	26.27	6.903	0	15.92
12/12/2011 9:00	20937	7.179	138.8	13.42	11.74	4.709	141.5	18.19	9.95	18.77	40.22	96.4	99.9	0	19.24	26.29	6.903	0	15.94
12/12/2011 10:00	20938	7.3	140.4	12.1	11.74	4.917	144	16.99	8.16	19.49	40.94	96.5	99.9	0	50.65	26.31	6.905	0.003	12
12/12/2011 11:00	20939	7.667	142.5	13.55	11.74	5.117	145.6	19.03	9.95	20.38	41.88	96.7	99.9	0	78.36	26.33	6.905	0	12.32
12/12/2011 12:00	20940	6.533	142.6	20.76	11.74	4.501	145.2	24.95	9.95	20.79	42.62	96.8	99.9	0	101.8	26.32	6.905	0	13.19
12/12/2011 13:00	20941	7.814	115.7	15.64	13.52	5.383	117.8	20.46	9.95	21.34	43.38	97	99.9	0	113.3	26.31	6.905	0	13.06
12/12/2011 14:00	20942	7.046	136.2	13.52	11.74	4.769	138	19.14	9.95	21.84	43.8	97.3	99.9	0	83.1	26.29	6.905	0	11.98
12/12/2011 15:00	20943	7.381	114.8	13.15	11.74	5.119	117.6	19.03	9.95	22.38	44.2	97.3	99.9	0	66.48	26.28	6.905	0	12.24
12/12/2011 16:00	20944	7.636	110.1	11.7	11.74	5.325	112.7	17.93	9.95	22.14	43.99	97.3	99.9	0	43.88	26.27	6.905	0	11.96
12/12/2011 17:00	20945	8.45	112.3	9.96	13.52	5.732	114.6	17.77	11.74	22.76	44.38	97.5	99.9	0	23.95	26.27	6.905	0	11.97
12/12/2011 18:00	20946	8.67	114	9.96	15.31	5.861	118.7	16.51	11.74	23.1	44.63	97.6	97.9	0	3.673	26.28	6.905	0	15.75
12/12/2011 19:00	20947	6.638	111.5	9.95	11.74	4.426	114.7	16.94	9.95	23.3	44.61	97.6	94.7	0	0.077	26.29	6.905	0	15.7
12/12/2011 20:00	20948	9.65	117.3	9.25	15.31	6.268	122.2	15.79	11.74	22.83	44.44	97.5	93.3	0	0.112	26.3	6.905	0	14.34
12/12/2011 21:00	20949	12.02	129.7	10.54	20.68	7.862	135.9	16.27	15.31	22.91	44.5	97.5	97.9	0	0.066	26.3	6.905	0	11.93
12/12/2011 22:00	20950	13.22	137.9	10.83	22.47	8.59	145	16.32	17.1	23.07	44.43	97.5	99.9	0	0.064	26.31	6.905	0	11.93
12/12/2011 23:00	20951	11.79	150	9.83	20.68	7.577	158.2	15.17	17.1	23.05	44.27	97.5	99.9	0	0.039	26.32	6.905	0	11.98
12/13/2011 0:00	20952	8.98	143.9	9.48	18.89	5.813	150.9	14.32	13.52	23.01	44.39	97.5	99.9	0	0.038	26.32	6.902	-0.003	11.99
12/13/2011 1:00	20953	11.29	141.4	8.46	22.47	7.264	149.8	13.98	13.52	23.12	44.37	97.5	99.9	0	0.037	26.3	6.905	0.003	15.37
12/13/2011 2:00	20954	9.45	157.2	10.17	17.1	6.035	165.1	15.22	13.52	23.36	44.41	97.5	99.9	0	0.046	26.31	6.905	0	16.07
12/13/2011 3:00	20955	8.86	155.7	10.21	17.1	5.619	163.2	15.06	13.52	23.48	44.57	97.6	99.9	0.01	0.054	26.3	6.905	0	12.07

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/13/2011 4:00	20956	9.07	153	8.6	13.52	5.878	161.5	14.17	11.74	23.79	45.02	97.6	99.9	0	0.069	26.29	6.905	0	15.6
12/13/2011 5:00	20957	8.37	147.5	9.85	11.74	5.37	155.4	15.16	9.95	24.67	45.56	97.7	99.9	0	0.104	26.29	6.905	0	11.95
12/13/2011 6:00	20958	9.08	139.7	19.21	18.89	5.974	147.4	24.94	15.31	25.1	46.15	97.8	99.9	0	0.106	26.28	6.905	0	11.96
12/13/2011 7:00	20959	8.54	158.1	27.91	15.31	5.621	165.8	32.75	11.74	25.51	46.61	97.9	99.9	0	0.101	26.29	6.905	0	16.02
12/13/2011 8:00	20960	10.47	155.6	14.47	18.89	6.694	165.2	19.7	15.31	25.72	46.88	97.9	99.9	0	0.364	26.3	6.905	0	13.78
12/13/2011 9:00	20961	14.93	157.3	10.94	26.05	9.42	166.3	15.74	20.68	26.65	47.21	98	99.9	0	8.85	26.31	6.905	0	11.93
12/13/2011 10:00	20962	14.03	159.6	16.87	26.05	9.06	167.8	21.62	20.68	26.02	47.05	98	99.9	0	27.36	26.31	6.905	0	15.74
12/13/2011 11:00	20963	12.46	157.7	13.91	18.89	7.93	165.2	18.33	15.31	25.74	47.2	98	99.7	0	43.47	26.32	6.905	0	16.09
12/13/2011 12:00	20964	12.05	164.1	16.59	22.47	7.886	171	20.82	15.31	26.78	47.78	98.1	99.9	0	74.45	26.3	6.905	0	11.99
12/13/2011 13:00	20965	12.52	173.2	13.66	20.68	8.14	180.5	18.54	17.1	27.92	48.61	98.2	99.9	0	81.6	26.28	6.905	0	11.95
12/13/2011 14:00	20966	13.12	159.7	9.9	20.68	8.36	166.6	15.75	15.31	29.56	50.2	98.3	99.9	0	120.9	26.25	6.904	-0.001	11.98
12/13/2011 15:00	20967	14.36	163.5	8.94	24.26	8.94	169.4	15.11	18.89	32.01	52.11	96.9	99.9	0	136.1	26.24	6.906	0.002	11.99
12/13/2011 16:00	20968	13.44	162.1	10.4	20.68	8.61	165.8	15.94	15.31	33.79	53.58	89	99.7	0	99.3	26.23	6.903	-0.003	14.59
12/13/2011 17:00	20969	13.09	150.4	9.33	20.68	8.28	153.1	14.25	17.1	33.49	53.63	88.4	88.3	0	56.56	26.21	6.906	0.003	16.04
12/13/2011 18:00	20970	8.76	158.6	11.55	15.31	5.59	161	15.87	11.74	32.67	52.75	90.6	85.9	0	9.57	26.2	6.903	-0.003	15.93
12/13/2011 19:00	20971	8.69	163.3	10.19	15.31	5.421	166.1	15.79	11.74	32.81	52.7	91.2	84.9	0	0.113	26.2	6.906	0.003	12.08
12/13/2011 20:00	20972	9.43	163.4	9.6	15.31	5.991	166	14.46	11.74	32.38	52.11	91.9	84.6	0	0.053	26.2	6.903	-0.003	15.97
12/13/2011 21:00	20973	7.568	177.9	15.67	11.74	4.969	181.2	19.51	9.95	32.23	51.97	92.7	85.1	0	0.045	26.21	6.903	0	12.18
12/13/2011 22:00	20974	10.56	178	10.54	18.89	6.821	182.3	15.07	13.52	32.31	52.02	92.5	84.9	0	0.059	26.22	6.903	0	11.9
12/13/2011 23:00	20975	13.35	185.1	8.99	20.68	8.84	189	13.64	17.1	31.83	51.63	93.2	85.3	0	0.066	26.22	6.903	0	15.91
12/14/2011 0:00	20976	12.42	184.2	9.69	20.68	8.14	188.4	14.32	17.1	31.52	51.24	95.3	87.2	0	0.067	26.22	6.904	0	15.96
12/14/2011 1:00	20977	9.97	193	9.33	20.68	6.767	196.8	12.89	11.74	31.19	51	96.3	88.4	0	0.085	26.21	6.904	0	12.26
12/14/2011 2:00	20978	9.08	195.1	9.97	15.31	6.193	198.8	13.86	11.74	29.73	50.84	96.1	88.7	0	0.067	26.21	6.904	0	16.14
12/14/2011 3:00	20979	9.54	200	10.06	15.31	6.593	203.3	12.66	11.74	29.73	50.82	94	86.8	0	0.058	26.2	6.904	0	12
12/14/2011 4:00	20980	7.87	218.9	11.88	13.52	5.881	221.3	12.95	11.74	29.37	50.64	93.2	85.3	0	0.059	26.21	6.904	0	14.94
12/14/2011 5:00	20981	5.754	222.8	10.66	8.16	4.231	224.3	12.03	8.16	28.96	50.25	93	85.3	0	0.054	26.22	6.904	0	13.09
12/14/2011 6:00	20982	3.887	252.6	14.82	8.16	2.228	252.7	20.76	6.368	27.83	48.8	93.1	85.5	0	0.051	26.21	6.905	0.001	13.43
12/14/2011 7:00	20983	4.784	258	16.52	8.16	2.307	265.3	32.65	6.368	25.6	46.18	95	87.3	0	0.067	26.22	6.905	0	11.96
12/14/2011 8:00	20984	5.239	258.9	12.93	8.16	2.743	259.4	14.52	4.578	25	45.59	95.7	88.2	0	0.892	26.24	6.905	0	12.92
12/14/2011 9:00	20985	4.33	202.7	14.71	6.368	1.496	191.6	12.45	4.578	23.32	44.54	95.4	88.2	0	25.69	26.26	6.905	0	15.76
12/14/2011 10:00	20986	5.799	217.2	14.23	9.95	3.902	221.2	14.34	8.16	25.5	46.84	88.9	85.8	0	93.9	26.27	6.905	0	11.97
12/14/2011 11:00	20987	9.14	234.9	10	15.31	7.469	236.2	10.2	11.74	27.97	49.52	80.4	73.94	0	206.2	26.29	6.905	0	15.82
12/14/2011 12:00	20988	12.44	253.8	13.99	24.26	10.21	254.6	14.94	20.68	32.4	53.17	64.66	58.91	0.01	313.5	26.3	6.906	0.001	15.74
12/14/2011 13:00	20989	20.34	273.7	9.66	31.42	16.26	273	11.46	29.63	37.06	57.21	35.62	32.14	0	407.9	26.31	6.906	0	15.85
12/14/2011 14:00	20990	19.36	270.1	10.74	29.63	15.54	270.2	12.55	24.26	37.95	58.27	27.08	23.78	0	403.8	26.31	6.906	0	15.28
12/14/2011 15:00	20991	17.32	274.6	12.11	29.63	14.07	274.7	14.01	26.05	54.12	58.02	28.48	24.71	0	393.9	26.3	6.896	-0.01	12.13
12/14/2011 16:00	20992	18.56	274.1	11.65	33.21	15.07	273.7	13.35	27.84	49.43	60.76	23.73	20.06	0	367.6	26.31	6.88	-0.016	12.11
12/14/2011 17:00	20993	15.76	275.8	10.65	26.05	12.63	275.7	12.53	22.47	41.52	60.45	21.89	18.34	0	209.2	26.31	6.874	-0.006	14.88
12/14/2011 18:00	20994	11.81	271.7	9.34	22.47	8.98	270.7	11.04	18.89	43.62	57.59	23.04	20.17	0	44.66	26.31	6.865	-0.009	12.08
12/14/2011 19:00	20995	6.093	263.6	16.63	9.95	3.064	273.6	24.44	8.16	35.33	50.35	29.54	29.84	0	0.162	26.29	6.859	-0.005	12.05
12/14/2011 20:00	20996	7.247	259.5	37.38	11.74	4.132	266.3	59.43	6.368	31.35	45.65	35.33	38.99	0	0.004	26.27	6.854	-0.005	15.82
12/14/2011 21:00	20997	7.043	280.9	29.18	11.74	3.364	291.7	35.46	8.16	30.27	42.46	42.62	45.96	0	0.002	26.27	6.849	-0.005	12.02
12/14/2011 22:00	20998	8.78	312.5	12.7	13.52	5.596	312.2	19.57	11.74	28.18	43.6	42.82	42.88	0	0.002	26.27	6.843	-0.006	16.1
12/14/2011 23:00	20999	11.71	338	8.07	17.1	7.491	340.4	13.19	13.52	26.13	42.93	53.22	50.32	0	0.002	26.27	6.84	-0.003	16.05
12/15/2011 0:00	21000	11.96	332.8	8.1	18.89	7.961	333.9	14.2	15.31	25.83	42.97	56.72	53.55	0	0.001	26.26	6.834	-0.006	14.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/15/2011 1:00	21001	10.19	329.8	6.633	29.63	6.756	331.3	13.38	17.1	24.76	41.39	58.69	55.75	0	0.001	26.27	6.834	0	16.14
12/15/2011 2:00	21002	7.696	326.6	5.278	11.74	5.111	325.9	9.91	8.16	22.67	39.47	60.59	58.51	0	0	26.28	6.831	-0.003	15.53
12/15/2011 3:00	21003	5.986	330	25.74	9.95	3.456	331.5	34.09	8.16	20.96	38.46	61.33	59.61	0	0	26.27	6.831	0	15.88
12/15/2011 4:00	21004	4.02	323.2	43.02	9.95	2.224	332.4	47.02	6.368	18.7	36.38	60.36	62.14	0	0	26.27	6.828	-0.003	12.88
12/15/2011 5:00	21005	6.56	327.5	6.04	9.95	3.684	324.8	14	6.368	17.44	36.48	63.12	62.37	0	0	26.27	6.828	0	11.97
12/15/2011 6:00	21006	6.973	328.2	9.04	11.74	4.365	328.2	14.07	8.16	17.36	37.09	65.43	63.03	0	0	26.27	6.825	-0.003	11.97
12/15/2011 7:00	21007	7.475	353.8	11.67	11.74	5.24	353.7	14.12	9.95	18.24	38.5	66.53	62.02	0	0	26.3	6.825	0	12
12/15/2011 8:00	21008	6.421	335.1	13.74	11.74	4.146	332.2	16.72	8.16	15.94	35.91	70.67	66.31	0	1.651	26.31	6.825	0	11.83
12/15/2011 9:00	21009	8.29	13.64	16.11	15.31	5.507	15.19	17.65	11.74	16.97	37.59	68.01	62.98	0	52.03	26.32	6.825	0	15.88
12/15/2011 10:00	21010	14.23	44.89	12.72	22.47	8.61	43.99	13.91	17.1	19.8	40.44	65.09	60.03	0	147.7	26.35	6.824	-0.001	15.66
12/15/2011 11:00	21011	17.73	69.56	8.98	27.84	11.86	67.49	15.06	18.89	22.66	44.31	60.54	55.17	0	254.7	26.39	6.819	-0.005	12.27
12/15/2011 12:00	21012	18.5	74.61	9.76	29.63	12.12	72.9	16.14	22.47	25.19	45.74	58.32	53.11	0	205	26.41	6.816	-0.003	12.07
12/15/2011 13:00	21013	15.21	79.46	12.64	24.26	10.47	79.09	18.55	18.89	26.96	48.28	56.18	50.16	0	421.9	26.41	6.813	-0.003	12.1
12/15/2011 14:00	21014	12.44	82.6	16.04	20.68	8.64	81.2	21.66	17.1	37.5	52.96	49.5	43.18	0	563	26.41	6.804	-0.008	12.1
12/15/2011 15:00	21015	11.21	70.21	17.38	18.89	7.742	67.94	21.68	15.31	44.1	52.4	47.92	42.35	0	311.1	26.41	6.801	-0.003	12.08
12/15/2011 16:00	21016	10.92	60.59	13.35	18.89	7.173	58.49	17.63	13.52	34.36	50.63	49.92	44.93	0	151.5	26.4	6.795	-0.006	12.05
12/15/2011 17:00	21017	10.8	60.81	11.67	17.1	7.21	59.03	16.01	13.52	35.07	49.56	50.03	45.25	0	105.4	26.39	6.786	-0.009	15.78
12/15/2011 18:00	21018	11.54	45.23	9.09	17.1	6.541	42.41	11.59	13.52	33.5	47.18	52.71	48.52	0	11.59	26.4	6.781	-0.005	16.08
12/15/2011 19:00	21019	10.07	48.34	10.9	15.31	6.059	47	13.68	11.74	29.69	45.23	54.75	50.57	0	0.098	26.4	6.775	-0.006	12.43
12/15/2011 20:00	21020	9.37	54.54	10.8	17.1	5.97	52.76	14.97	13.52	26.94	43.76	59.62	55.68	0	0.005	26.42	6.769	-0.006	14.11
12/15/2011 21:00	21021	7.486	57.89	13.52	13.52	4.654	56.45	16.56	9.95	23.15	42.09	62.6	58.7	0	0.004	26.43	6.763	-0.006	15.97
12/15/2011 22:00	21022	7.694	52.27	9.77	13.52	4.78	51.3	13.31	9.95	21.69	40.85	66.3	61.81	0	0.002	26.44	6.76	-0.002	12
12/15/2011 23:00	21023	9.9	56.86	9.17	17.1	6.493	57.44	13.47	13.52	18.75	38.53	70.58	66.03	0	0.001	26.44	6.755	-0.005	12
12/16/2011 0:00	21024	8.62	58.2	10.52	13.52	5.383	57.48	14.19	9.95	16.61	36	74.53	69.89	0	0	26.44	6.752	-0.003	12.22
12/16/2011 1:00	21025	7.742	30.8	10.84	17.1	4.46	30.54	11.76	9.95	15.1	35.09	76.19	70.99	0	0	26.44	6.752	0	12.2
12/16/2011 2:00	21026	8.63	34.35	10.82	15.31	4.823	34.03	10.59	9.95	14.79	35.1	77.84	72.25	0	0	26.42	6.749	-0.003	12.01
12/16/2011 3:00	21027	8.23	51.78	10.54	13.52	4.94	52.19	14.82	9.95	12.78	33.26	82	76.38	0	0	26.43	6.749	0	12.26
12/16/2011 4:00	21028	10.41	43.12	8.96	15.31	5.692	40.24	10.96	11.74	12.47	33.5	82.8	76.95	0	0	26.43	6.749	0.001	15.79
12/16/2011 5:00	21029	8.97	46.33	9.47	15.31	5.035	45.75	12.78	11.74	10.98	32.02	85.4	79.31	0	0	26.43	6.728	-0.021	12.01
12/16/2011 6:00	21030	9.24	49.81	8.97	13.52	5.369	48.63	12.92	9.95	10.05	30.94	86.9	80.5	0	0	26.43	6.725	-0.003	11.98
12/16/2011 7:00	21031	10.25	41.17	9.09	15.31	5.546	38.85	9.57	9.95	9.39	30.45	87.9	81.4	0	0	26.44	6.725	0	15.62
12/16/2011 8:00	21032	9.23	42.32	10.4	13.52	5.069	41.79	11.8	9.95	8.75	29.77	85.2	79.16	0	2.731	26.46	6.726	0	15.28
12/16/2011 9:00	21033	9.28	45.16	10.06	15.31	5.234	42.91	12.28	11.74	9.57	30.83	79.42	73.66	0	73.47	26.48	6.725	0	16.02
12/16/2011 10:00	21034	10.5	62.72	11.76	17.1	7.096	59.61	16.01	13.52	13.65	35.68	73.06	66.71	0	265.4	26.53	6.72	-0.005	12.01
12/16/2011 11:00	21035	12.2	72.81	10.16	18.89	8.57	69.95	16.11	15.31	17.11	39.8	66.07	58.89	0	449.3	26.58	6.718	-0.002	12.02
12/16/2011 12:00	21036	8.85	74.24	16.28	15.31	6.542	71.94	22.04	11.74	22.93	44.03	60.04	52.87	0	528.8	26.62	6.713	-0.005	12.2
12/16/2011 13:00	21037	6.283	67.25	32.36	13.52	4.597	66.22	36.52	11.74	26.83	47.38	54.7	48.43	0	582	26.64	6.709	-0.004	12.08
12/16/2011 14:00	21038	5.434	69.1	44.06	11.74	3.951	69.26	46.74	9.95	28.22	49.87	50.15	44.36	0	567.7	26.65	6.708	-0.001	16.35
12/16/2011 15:00	21039	6.193	54.05	26.26	11.74	4.308	46.88	32.62	9.95	30.98	50.49	47.17	41.58	0	499.1	26.64	6.701	-0.007	12.13
12/16/2011 16:00	21040	6.37	60.94	22.78	11.74	4.496	58.02	25.95	9.95	37.84	51.09	46.51	40.95	0	376.4	26.63	6.696	-0.005	12.13
12/16/2011 17:00	21041	7.201	76	15.77	13.52	4.971	74.26	20.06	11.74	49.25	50.32	47.46	42.05	0	186.2	26.62	6.69	-0.006	12.11
12/16/2011 18:00	21042	6.364	76.09	13.19	9.95	4.22	74.38	18.15	8.16	47.61	47.69	50.06	45.72	0	27.46	26.6	6.685	-0.005	15.09
12/16/2011 19:00	21043	4.7	64.24	11.2	6.368	2.597	64.06	11.53	4.578	45.84	45.23	53.95	50.86	0	0.104	26.59	6.683	-0.002	12.19
12/16/2011 20:00	21044	4.955	65.1	11.39	8.16	2.915	74.18	16.54	6.368	43.99	43.01	58.25	55.45	0	0.006	26.59	6.677	-0.006	15.2
12/16/2011 21:00	21045	5.476	80.7	9.06	8.16	2.657	77.46	14.63	4.578	33.15	38.36	61.15	62.58	0	0.001	26.57	6.675	-0.001	12.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/16/2011 22:00	21046	6.385	80.9	10.75	8.16	3.331	70.95	10.55	6.368	21.95	36.96	60.56	62.22	0	0	26.56	6.669	-0.006	16.07
12/16/2011 23:00	21047	5.382	116.3	20.19	8.16	1.425	90.4	13.11	4.578	19	34.35	62.38	64.95	0	0	26.57	6.669	0	15.45
12/17/2011 0:00	21048	2.957	139.9	25.26	8.16	0.526	103.2	21.32	2.789	16.44	33.55	65.68	65.97	0	0	26.56	6.667	-0.002	12.12
12/17/2011 1:00	21049	1.174	344.7	15.69	4.578	0.395	6.426	3.823	2.789	16.57	33.63	64.54	66.87	0	0	26.55	6.665	-0.002	12.03
12/17/2011 2:00	21050	1.794	24.77	10.75	4.578	0.948	38.77	15.13	4.578	17.16	33.29	62.85	68.32	0	0	26.54	6.665	0	11.96
12/17/2011 3:00	21051	4.207	33.64	12.05	8.16	1.606	39.54	15.45	6.368	17.01	35.42	61.05	61.44	0	0	26.54	6.664	-0.002	11.96
12/17/2011 4:00	21052	4.813	27.5	9.21	9.95	2.361	37.37	13.98	6.368	15.36	35.08	63.39	61.19	0	0	26.55	6.66	-0.003	15.6
12/17/2011 5:00	21053	2.927	38.61	10.34	6.368	1.072	64.39	14.4	2.789	14.39	33.32	66.33	66.1	0	0	26.55	6.66	0	12.01
12/17/2011 6:00	21054	3.258	35.2	9.85	6.368	1.121	40.92	10.9	4.578	16.11	35.11	63.28	62.01	0	0	26.54	6.66	0	12.13
12/17/2011 7:00	21055	2.379	322.2	23.77	4.578	1.307	290.1	22.63	4.578	15.36	34.54	68.85	69.04	0	0	26.56	6.657	-0.003	11.98
12/17/2011 8:00	21056	1.342	9.18	34.34	4.578	0.419	10.71	28.27	4.578	16.3	35.81	73.11	70.29	0	1.496	26.58	6.657	0	12.33
12/17/2011 9:00	21057	3.976	20.83	12.57	8.16	2.394	25.98	14.13	6.368	18.52	38.09	65.97	61.89	0	43.42	26.6	6.657	0	12.2
12/17/2011 10:00	21058	5.476	26.96	11.34	9.95	3.363	30.05	12.3	8.16	21.1	40.86	60.06	55.31	0	117.2	26.63	6.656	-0.001	16.38
12/17/2011 11:00	21059	4.082	54.25	26.28	6.368	2.56	51.19	26.05	6.368	24.49	44.4	50.83	46.36	0	167.8	26.66	6.651	-0.004	16.12
12/17/2011 12:00	21060	4.267	122.2	24.96	8.16	3.088	125.1	31.33	6.368	29.46	48.38	39.41	35	0	255.1	26.68	6.648	-0.003	15.86
12/17/2011 13:00	21061	6.103	157.1	22.95	9.95	4.419	161	27.67	8.16	33.01	49.03	37.38	32.72	0	250.2	26.67	6.643	-0.005	15.97
12/17/2011 14:00	21062	5.771	159.8	20.02	9.95	4.201	163.7	24.52	9.95	34.46	49.93	38.08	33.38	0	232	26.65	6.64	-0.003	12.02
12/17/2011 15:00	21063	6.699	154.7	18.05	11.74	4.706	158.8	22.67	9.95	41.05	50.02	39.48	34.72	0	156.8	26.62	6.633	-0.007	12.05
12/17/2011 16:00	21064	6.349	159.6	20.52	9.95	4.453	163.5	24.06	9.95	31.86	49.93	41.65	36.92	0	97.5	26.6	6.628	-0.006	15.99
12/17/2011 17:00	21065	5.587	177	19.96	11.74	3.837	183.9	22.43	8.16	32.13	49.96	42.88	38.41	0	73.74	26.59	6.625	-0.003	16.03
12/17/2011 18:00	21066	6.14	190.8	12.53	11.74	4.025	194.2	15.53	8.16	31.71	49.3	42.87	38.91	0	11.21	26.58	6.622	-0.003	12
12/17/2011 19:00	21067	4.926	196.3	14.12	8.16	3.007	199.8	14.55	6.368	30.43	48.32	45.32	41.7	0	0.063	26.58	6.62	-0.003	12.04
12/17/2011 20:00	21068	5.208	162.4	19.62	8.16	2.622	163.4	23.52	6.368	29.35	46.81	47.23	44.51	0	0.018	26.57	6.616	-0.003	11.98
12/17/2011 21:00	21069	3.678	157	23.53	6.368	1.036	126.5	25.77	4.578	27.17	43.59	50.16	51.02	0	0.011	26.55	6.61	-0.006	16.13
12/17/2011 22:00	21070	2.057	147.1	41.51	4.578	0.553	66.19	6.519	2.789	27.85	45.15	48.92	49.54	0	0.009	26.56	6.61	0	11.93
12/17/2011 23:00	21071	3.845	117.1	18.82	6.368	1.949	97.2	17.51	4.578	28.16	45.93	48.97	47.97	0	0.023	26.55	6.61	0	12.01
12/18/2011 0:00	21072	3.473	138.9	9.2	6.368	1.137	132.2	10.59	4.578	27.99	46.08	50.36	47.56	0	0.019	26.56	6.607	-0.003	11.94
12/18/2011 1:00	21073	6.406	173.4	24.41	13.52	3.859	181.2	25.02	9.95	28.11	46.12	57.81	53.78	0	0.015	26.55	6.604	-0.003	11.97
12/18/2011 2:00	21074	4.245	171.8	14.69	8.16	2.154	172.7	16.12	6.368	27.62	45.86	58.4	54.42	0	0.024	26.54	6.604	0	12
12/18/2011 3:00	21075	7.898	157.1	9.86	13.52	4.997	159.5	14.68	11.74	27.55	46.06	61.25	56.45	0	0.023	26.52	6.604	0	12.1
12/18/2011 4:00	21076	7.923	163.5	16.06	13.52	5.045	165.8	19.16	9.95	27.75	45.52	70.82	65.17	0	0.029	26.5	6.601	-0.003	12.53
12/18/2011 5:00	21077	5.71	180.8	14.94	11.74	3.765	183.5	18.53	8.16	27.36	45.39	75.87	70.1	0	0.015	26.48	6.597	-0.003	12.09
12/18/2011 6:00	21078	6.37	164	10.12	11.74	3.917	166.2	14.78	8.16	27.61	45.63	71.2	66.08	0	0.017	26.46	6.597	0	12
12/18/2011 7:00	21079	6.95	170.2	13.78	11.74	4.315	174.6	17.57	9.95	26.89	45.2	71.74	66.49	0	0.017	26.46	6.597	0	12.08
12/18/2011 8:00	21080	7.416	177.7	12.61	13.52	4.693	180.8	16.07	9.95	26.18	44.59	73.67	68.16	0	1.062	26.46	6.591	-0.006	15.76
12/18/2011 9:00	21081	7.661	168.7	14.13	13.52	4.984	171.8	18.36	9.95	25.74	44.31	76.58	70.5	0	32.29	26.45	6.591	0	12.13
12/18/2011 10:00	21082	8.24	170.2	14.44	13.52	5.607	173.2	18.22	9.95	24.54	44.76	79.46	72.16	0	91.8	26.46	6.585	-0.006	11.99
12/18/2011 11:00	21083	6.36	176.7	18.88	9.95	4.641	180.8	22.24	9.95	24.6	46.41	77.37	69.84	0	160.3	26.46	6.581	-0.003	14.86
12/18/2011 12:00	21084	6.428	193.8	18.91	11.74	4.898	198.9	22.14	9.95	26.97	48.29	74.43	66.93	0	243.2	26.46	6.581	0	15.71
12/18/2011 13:00	21085	7.838	173.6	18.4	13.52	5.711	177.2	22.33	11.74	30.34	50.4	74.01	65.72	0	307.9	26.44	6.579	-0.002	15.7
12/18/2011 14:00	21086	7.537	179.5	20.62	13.52	5.644	183.6	25.11	11.74	31.84	52.09	69.74	62.15	0	343.8	26.41	6.576	-0.003	15.71
12/18/2011 15:00	21087	8.65	153.6	16.53	15.31	6.035	156.9	21.6	13.52	34.21	53.53	65.93	58.85	0	246.8	26.36	6.573	-0.003	12.07
12/18/2011 16:00	21088	10.44	149.5	14.41	17.1	7.02	152.4	19.06	15.31	34.35	54.04	65.81	58.95	0	228.8	26.33	6.57	-0.003	13.54
12/18/2011 17:00	21089	12.23	150.1	12.3	18.89	8.06	153.1	17.44	17.1	32.84	51.93	73.95	66.48	0	171.5	26.31	6.563	-0.006	15.95
12/18/2011 18:00	21090	10.96	160.2	15.35	17.1	6.961	163.4	19.13	13.52	31.21	49.45	78.34	71.92	0	10.59	26.3	6.558	-0.006	12.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/18/2011 19:00	21091	11.54	152.4	12.06	18.89	7.439	155.6	16.11	13.52	29.12	47.3	82.9	76.33	0	0.09	26.26	6.556	-0.002	15.92
12/18/2011 20:00	21092	10.57	126.6	27.2	24.26	6.961	128	31.11	17.1	27.25	46.29	86.9	80	0	0.015	26.23	6.547	-0.009	13.35
12/18/2011 21:00	21093	10.37	132.3	13.75	18.89	6.648	135.2	19.15	15.31	27.82	46.26	88.2	81.3	0	0.012	26.21	6.543	-0.003	14.31
12/18/2011 22:00	21094	7.43	123.9	18.38	13.52	4.882	125.4	24.55	11.74	27.91	46.24	89.2	82.1	0	0.012	26.18	6.54	-0.003	12.19
12/18/2011 23:00	21095	4.518	154.1	34.05	9.95	2.793	157.6	33.57	8.16	28.33	46.35	90.4	83.6	0	0.02	26.19	6.54	0	12.31
12/19/2011 0:00	21096	6.673	176.4	77.63	17.1	4.801	177.4	79.56	13.52	27.98	46.1	92.7	85.8	0.01	0.01	26.18	6.543	0.003	11.99
12/19/2011 1:00	21097	14.07	111.5	14.43	26.05	9.2	111.9	19.81	20.68	28.12	46.81	94.4	87.9	0.07	0.005	26.12	6.556	0.013	16.26
12/19/2011 2:00	21098	18.32	127.1	13.2	29.63	11.87	129.7	19.05	24.26	28.99	48.11	94.8	88.6	0	0.013	26.05	6.562	0.006	11.95
12/19/2011 3:00	21099	11.04	176.4	13.62	22.47	7.029	180.3	17.61	17.1	29.57	48.59	95.8	88.9	0.04	0.021	26.07	6.578	0.016	16.22
12/19/2011 4:00	21100	8.63	180.1	19.51	15.31	5.763	184	22.67	11.74	29.15	48.31	96.3	89.2	0.06	0.022	26.03	6.61	0.032	12.19
12/19/2011 5:00	21101	10.32	148.8	19.22	22.47	6.507	151.7	23.89	17.1	29.91	48.73	96.6	89.4	0.03	0.042	26	6.639	0.029	12.05
12/19/2011 6:00	21102	12.42	204.2	14.92	26.05	8.74	208.4	16.35	18.89	29.27	48.53	96.5	89.5	0.11	0.104	26	6.696	0.057	16.13
12/19/2011 7:00	21103	13.18	222.9	17.69	22.47	9.78	225.5	17.44	18.89	27.63	47.04	94.7	89.1	0.04	0.066	26.01	6.718	0.022	13.78
12/19/2011 8:00	21104	6.654	217.7	12.02	11.74	4.516	218.6	13.21	9.95	27.22	46.07	87.5	83.2	0	0.44	26.01	6.721	0.003	15.65
12/19/2011 9:00	21105	11.54	210.9	8.62	18.89	8.25	214	11.03	15.31	26.17	45.44	89.3	83.2	0	34.23	26.02	6.721	0	15.96
12/19/2011 10:00	21106	18.28	220.9	9.7	33.21	13.95	222.8	11.38	29.63	25.58	45.54	79.92	74.69	0	233.1	26.03	6.718	-0.003	12.04
12/19/2011 11:00	21107	24.22	235.4	9.87	38.57	19.04	237	10.49	34.99	26.91	46.94	68.93	64.78	0	431.1	26.06	6.721	0.003	15.67
12/19/2011 12:00	21108	23.96	242.1	9.68	36.78	18.8	243.5	11	31.42	29.64	49.14	62.43	58.59	0	524.6	26.08	6.719	-0.001	12.08
12/19/2011 13:00	21109	23.72	235.4	10.37	36.78	18.92	237.5	10.82	29.63	29.6	49.66	60.02	56.26	0	525.9	26.06	6.719	0	12.72
12/19/2011 14:00	21110	26.71	235.1	10.38	42.15	21.05	237.3	11.25	34.99	28.54	50.29	54.71	51.26	0	522.3	26.04	6.719	0	16.24
12/19/2011 15:00	21111	27.72	236.2	9.23	43.94	22.12	238.2	9.73	36.78	27.03	49.18	55.28	51.41	0	418.8	26.03	6.707	-0.012	16.37
12/19/2011 16:00	21112	24.13	239.5	8.64	38.57	19.34	240.7	9.39	31.42	28.88	50.17	55.03	50.87	0	409.1	26.03	6.694	-0.013	12.07
12/19/2011 17:00	21113	21.46	238.1	10.11	40.36	17.08	239.5	10.35	33.21	30.58	50.43	54.28	50.33	0	213.2	26.03	6.685	-0.009	12.83
12/19/2011 18:00	21114	23.87	255.1	10.09	38.57	18.98	255.8	10.98	33.21	29.55	48.29	57.64	53.39	0	43.41	26.05	6.673	-0.011	13.53
12/19/2011 19:00	21115	19.58	274.2	13.39	31.42	15.74	274.9	15.16	26.05	24.77	44.17	72.14	66.73	0	0.102	26.07	6.654	-0.019	12.13
12/19/2011 20:00	21116	17.8	297	15.65	29.63	14.43	298.2	17.48	24.26	20.6	40.44	76.43	70.84	0	0.003	26.09	6.639	-0.016	12.52
12/19/2011 21:00	21117	19.78	324	8.69	33.21	14.81	325.7	13.06	27.84	18.22	38.03	71.56	66.68	0	0.001	26.12	6.637	-0.002	16.25
12/19/2011 22:00	21118	17.15	327.9	7.946	29.63	12.34	329.7	13.42	26.05	16.27	35.91	71	66.32	0	0	26.13	6.638	0.001	12.73
12/19/2011 23:00	21119	17.1	329.6	8.95	29.63	12.03	332.1	14.67	22.47	16.3	35.07	69.02	64.59	0	0	26.14	6.638	0	13.94
12/20/2011 0:00	21120	15.08	326.3	8.14	24.26	10.86	328.6	13.94	18.89	15.47	34.2	68.56	64.23	0	0	26.16	6.638	0	15.96
12/20/2011 1:00	21121	13.92	325.6	9.37	27.84	10.37	327.2	13.6	24.26	15.13	33.83	67.93	63.7	0	0	26.17	6.635	-0.003	13.94
12/20/2011 2:00	21122	10.72	309.3	9.76	20.68	8.43	312	10.32	17.1	13.69	32.81	72.43	67.74	0	0	26.17	6.635	0.001	16.04
12/20/2011 3:00	21123	8.75	316.4	11.56	18.89	6.476	318.3	13.27	17.1	12.64	31.91	76.17	71.35	0	0	26.17	6.636	0.001	12.04
12/20/2011 4:00	21124	11.6	330.9	10.33	22.47	8.09	333	14.68	17.1	13.48	32.55	72.6	68.27	0	0	26.17	6.636	0	12.11
12/20/2011 5:00	21125	14.07	327.2	7.946	24.26	10.13	328.8	13.54	18.89	12.65	31.86	69.38	65.13	0	0	26.19	6.63	-0.006	12.09
12/20/2011 6:00	21126	11.48	329	6.998	17.1	7.898	331.8	13.49	13.52	11.26	30.73	71.89	67.39	0	0	26.18	6.63	0	14.69
12/20/2011 7:00	21127	11.16	328.4	6.805	18.89	7.714	330.8	13.24	15.31	10.88	30.18	71.03	66.83	0	0	26.18	6.63	0	12.11
12/20/2011 8:00	21128	11.35	332.1	8.43	18.89	7.813	334.1	14.51	15.31	10.85	30.28	68.04	63.95	0	1.678	26.2	6.63	0	12.08
12/20/2011 9:00	21129	11.95	330.5	8.26	24.26	8.46	332.8	14.49	18.89	11.63	31.41	64.87	60.49	0	94.9	26.23	6.63	0	15.37
12/20/2011 10:00	21130	15.88	337.3	10.36	26.05	11.37	339.6	14.85	20.68	13.47	34.38	59.16	54.18	0	313	26.28	6.625	-0.005	11.74
12/20/2011 11:00	21131	15.37	330.6	11.14	22.47	11.05	332.1	17.02	20.68	14.72	36.22	56.25	51.29	0	422.4	26.33	6.62	-0.005	12.7
12/20/2011 12:00	21132	13.04	322.9	13.74	20.68	10.02	324.7	17.24	17.1	17.06	38.51	53.49	48.64	0	478.5	26.35	6.616	-0.003	12
12/20/2011 13:00	21133	14.09	323.3	10.97	22.47	11	325.1	14.68	20.68	19.52	40.46	52.15	47.17	0	596.6	26.33	6.609	-0.008	15.89
12/20/2011 14:00	21134	13.37	320.2	12.99	22.47	10.74	322.2	16.15	18.89	21.72	42.36	50.55	45.58	0	578.7	26.31	6.605	-0.004	15.58
12/20/2011 15:00	21135	11.5	312.5	18.87	18.89	9.18	315.4	22.48	17.1	23.33	44.34	49.06	44.07	0	508.9	26.29	6.601	-0.003	15.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/20/2011 16:00	21136	10.35	317.1	14.98	18.89	8.42	319.1	16.99	15.31	24.05	45.01	48.75	43.89	0	387.5	26.28	6.602	0	14.25
12/20/2011 17:00	21137	9.08	312.6	15	15.31	7.412	313.9	16.84	13.52	24.49	45.27	49.36	44.65	0	226.9	26.25	6.599	-0.003	12.13
12/20/2011 18:00	21138	6.304	337.3	18.63	11.74	4.367	339.2	19.91	9.95	22.89	43.35	52.89	49.14	0	48.78	26.23	6.597	-0.002	15.96
12/20/2011 19:00	21139	5.134	359	5.606	6.368	2.934	3.149	8.13	4.578	20.35	39.49	58.4	56.74	0	0.155	26.2	6.599	0.001	12.95
12/20/2011 20:00	21140	1.528	286.9	52.25	6.368	1.306	133.4	66.14	4.578	17.32	34.84	64.92	66.01	0	0	26.18	6.596	-0.002	12.12
12/20/2011 21:00	21141	2.334	319.8	30.24	4.578	1.176	44.54	46.12	4.578	16.09	33.35	67.4	69.74	0	0	26.16	6.593	-0.003	15.71
12/20/2011 22:00	21142	0.658	48.08	19.29	2.789	1.527	84.5	15.43	4.578	14.98	31.08	69.18	74.67	0	0	26.15	6.592	-0.001	12.21
12/20/2011 23:00	21143	1.79	153.9	7.715	4.578	1.446	78.82	8.17	4.578	14.03	31.87	68.64	72.26	0	0	26.14	6.592	0	15.92
12/21/2011 0:00	21144	1.124	155.8	7.979	4.578	0.559	101.8	9.51	2.789	12.15	31.04	71.36	73.4	0	0	26.13	6.592	0	11.96
12/21/2011 1:00	21145	2.301	177.1	11.34	4.578	0.591	97.1	7.917	2.789	10.6	29.85	72.15	72.51	0	0	26.11	6.589	-0.003	15.85
12/21/2011 2:00	21146	3.281	229.7	12.26	6.368	0.081	248.6	7.14	2.789	10.38	27.95	72.84	76.08	0	0	26.09	6.592	0.003	12
12/21/2011 3:00	21147	3.294	267.3	16.09	4.578	0.606	314	3.612	4.578	9.98	28.15	74.02	76.43	0	0	26.08	6.593	0	12.09
12/21/2011 4:00	21148	3.869	262.6	13.3	6.368	1.113	297.5	9.5	2.789	9.49	27.81	74.05	75.27	0	0	26.07	6.593	0	12.08
12/21/2011 5:00	21149	3.81	249.4	9.81	6.368	0.255	242.9	7.723	2.789	9.46	27.04	73	75	0	0	26.07	6.593	0	15.54
12/21/2011 6:00	21150	3.854	244.6	19.37	6.368	0.786	207.6	47.64	2.789	9.22	26.78	73.4	75.27	0	0	26.06	6.59	-0.003	14.68
12/21/2011 7:00	21151	2.279	182.1	9.53	6.368	1.058	125.2	22.77	2.789	7.625	26.13	75.62	75.83	0	0	26.06	6.593	0.003	12.23
12/21/2011 8:00	21152	5.352	200.5	5.742	8.16	2.176	182.5	7.196	4.578	8.34	25.25	73.82	74.82	0	2.223	26.07	6.59	-0.003	15.82
12/21/2011 9:00	21153	4.32	198.1	13.72	8.16	1.789	208.8	12.19	6.368	9.65	29.89	74.42	70.92	0	99.1	26.08	6.592	0.002	12.03
12/21/2011 10:00	21154	7.339	206.9	9.99	13.52	5.403	211.8	12.06	11.74	16.41	35.91	71.14	66.59	0	276.8	26.13	6.59	-0.003	15.89
12/21/2011 11:00	21155	11.04	202.2	9.14	17.1	7.909	208.1	13.19	13.52	21.33	40.77	62.43	56.87	0	428.6	26.19	6.575	-0.015	16.02
12/21/2011 12:00	21156	10.91	209.7	10.81	17.1	8.42	214.3	13.6	15.31	25.19	46.02	55.72	50.01	0	536.2	26.21	6.576	0.001	12.07
12/21/2011 13:00	21157	11.91	209.3	10.47	17.1	8.99	213.2	12.89	13.52	29.63	50.43	50.54	44.84	0	589.6	26.19	6.57	-0.006	12.08
12/21/2011 14:00	21158	9.84	218.6	13.52	15.31	7.687	220.7	14.39	13.52	33.91	53.4	45.13	39.99	0	582	26.17	6.566	-0.004	12.06
12/21/2011 15:00	21159	8.93	220.1	16.02	17.1	7.125	221.8	16.9	13.52	36.82	56.21	41.14	36.41	0	514.9	26.15	6.562	-0.004	11.95
12/21/2011 16:00	21160	11.75	233.5	17.93	20.68	9.47	235	17.87	17.1	39.67	58.62	35.04	30.95	0	393.6	26.14	6.555	-0.007	12.08
12/21/2011 17:00	21161	10.92	225.9	12.69	17.1	8.48	228.1	12.99	15.31	39.4	58.6	35.59	31.72	0	230.7	26.13	6.55	-0.005	11.93
12/21/2011 18:00	21162	7.848	242.5	9.6	15.31	5.337	244.2	11.21	15.31	37.6	54.86	37.91	35	0	50.49	26.11	6.538	-0.012	12.12
12/21/2011 19:00	21163	5.061	233.5	41.18	13.52	2.28	191.3	43.53	8.16	31.53	46.51	46.09	47.92	0	0.213	26.09	6.537	-0.001	15.96
12/21/2011 20:00	21164	7.4	236	18.1	20.68	4.393	235.1	25.46	15.31	29.69	45.72	49.78	49.49	0	0.002	26.07	6.528	-0.009	12.23
12/21/2011 21:00	21165	7.144	283.6	12	13.52	4.045	287.2	17.31	9.95	26.87	42.77	54.91	54.85	0	0.001	26.07	6.525	-0.003	15.9
12/21/2011 22:00	21166	6.663	244.4	17.52	11.74	3.432	239.6	22.41	8.16	24.94	40.99	57.37	57.19	0	0	26.08	6.523	-0.002	11.62
12/21/2011 23:00	21167	6.847	286	20.25	9.95	3.675	289.9	27.27	6.368	24.71	40.11	60.18	60.08	0	0	26.08	6.52	-0.003	15.73
12/22/2011 0:00	21168	6.831	312.6	3.868	9.95	3.261	322.8	6.545	4.578	23.59	38.16	62.77	64.37	0	0	26.08	6.52	0	12.02
12/22/2011 1:00	21169	4.565	308.4	12.18	13.52	0.815	322	19.32	6.368	22.45	36.91	64.33	66.03	0	0	26.07	6.517	-0.003	16.07
12/22/2011 2:00	21170	3.913	223.5	41.15	8.16	2.278	176.9	38.7	4.578	20.49	34.82	67.1	68.41	0	0	26.07	6.514	-0.003	12
12/22/2011 3:00	21171	3.825	241.1	17.26	8.16	0.269	166.7	13.71	4.578	19.2	32.42	69.29	73.34	0	0	26.08	6.515	0.002	12.49
12/22/2011 4:00	21172	3.939	239.2	13.15	6.368	0.406	261.5	8.96	4.578	17.06	31.94	73.38	75.09	0	0	26.08	6.513	-0.003	11.95
12/22/2011 5:00	21173	4.678	286.6	38.21	15.31	2.036	319.9	35	11.74	16.81	32.74	75.4	74.98	0	0	26.09	6.513	0	11.57
12/22/2011 6:00	21174	9.67	333.5	10.23	17.1	6.412	336.7	15	11.74	16.51	34.82	75.66	71.85	0	0	26.12	6.509	-0.004	15.79
12/22/2011 7:00	21175	6.991	321.8	12.87	13.52	4.789	318	16.6	11.74	15.38	33.02	74.3	70.89	0	0	26.16	6.508	0	12.07
12/22/2011 8:00	21176	13.87	357.2	11.44	26.05	9.96	358.1	14.95	22.47	14.94	33.58	68.06	64.33	0	2.225	26.19	6.509	0.001	16.13
12/22/2011 9:00	21177	18.33	2.442	7.759	29.63	13.31	3.878	10.21	22.47	14.76	34.14	66.95	61.9	0	95.9	26.24	6.508	-0.001	15.89
12/22/2011 10:00	21178	17.79	9.82	9.97	27.84	13.26	11.18	12.06	26.05	16.11	35.74	66.24	60.61	0	274.8	26.3	6.508	0	11.95
12/22/2011 11:00	21179	15.43	13.87	11.52	22.47	11.21	16.04	13.19	20.68	18.79	37.97	65.06	59.12	0	426.8	26.36	6.505	-0.002	11.99
12/22/2011 12:00	21180	16.04	20.55	12.17	26.05	10.99	22.08	13.77	20.68	20.4	39.91	64.07	57.81	0	535.8	26.4	6.505	0	14.93

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/22/2011 13:00	21181	14.56	25.05	14.17	22.47	9.95	25.89	15.08	20.68	21.12	41.08	62.49	56.25	0	524	26.41	6.492	-0.013	16.02
12/22/2011 14:00	21182	12.89	19.67	13.21	22.47	8.86	21.66	14.46	20.68	21.45	42.27	61.37	55.02	0	574.8	26.4	6.488	-0.005	14.16
12/22/2011 15:00	21183	11.66	17.97	16.35	20.68	8.15	19.64	18.24	17.1	22.64	43.46	58.64	52.44	0	507.9	26.41	6.481	-0.006	12.1
12/22/2011 16:00	21184	12.59	27.3	12.83	20.68	8.22	29.2	14.24	17.1	23.25	43.61	57.29	51.59	0	305.4	26.41	6.472	-0.009	16.23
12/22/2011 17:00	21185	15.31	33.5	11.6	26.05	9.26	34.34	12.09	22.47	21.04	40.99	61.28	55.64	0	113.8	26.4	6.47	-0.002	12.08
12/22/2011 18:00	21186	16.96	37.07	10.78	26.05	10.1	37.27	11.32	22.47	16.42	36.31	69.66	63.65	0	18	26.39	6.459	-0.012	15.95
12/22/2011 19:00	21187	14.61	39.15	13.16	24.26	8.74	38.65	13.75	18.89	14.22	34.47	73.62	67.45	0	0.041	26.39	6.454	-0.005	12.02
12/22/2011 20:00	21188	16.9	41.82	10.93	26.05	9.8	40.74	12.36	22.47	13.46	33.72	74.89	68.73	0	0	26.41	6.45	-0.003	15.45
12/22/2011 21:00	21189	15.2	35.21	10.95	27.84	8.94	36.23	11.57	22.47	12.88	33.21	74.85	68.67	0	0	26.42	6.444	-0.006	12.7
12/22/2011 22:00	21190	14.69	39.66	10.55	24.26	8.7	38.49	11.39	20.68	11.76	32.8	73.32	67.33	0	0	26.42	6.441	-0.003	12.03
12/22/2011 23:00	21191	16.8	42.22	9.4	27.84	9.65	40.73	10.63	20.68	11	31.74	76.82	70.47	0	0	26.43	6.438	-0.003	15.88
12/23/2011 0:00	21192	15	37.33	11.27	29.63	8.74	37.65	12.42	20.68	10.22	30.56	77.74	71.28	0	0	26.44	6.432	-0.006	15.59
12/23/2011 1:00	21193	12.04	36.8	10.9	26.05	7.071	36.96	11.17	17.1	10.03	30.36	78.51	71.99	0	0	26.45	6.43	-0.003	11.97
12/23/2011 2:00	21194	13.35	35.16	11.24	22.47	7.993	35.71	11.65	17.1	9.44	29.86	78.21	71.78	0	0	26.44	6.427	-0.003	12.18
12/23/2011 3:00	21195	14.97	33.75	11.05	24.26	8.94	34.5	11.62	22.47	8.84	29.15	75.34	69.2	0	0	26.43	6.421	-0.006	12.34
12/23/2011 4:00	21196	14.89	45.45	9.8	26.05	8.63	42.69	12.44	17.1	8.1	28.82	74.75	68.65	0	0	26.42	6.408	-0.013	12
12/23/2011 5:00	21197	14.33	58.06	10.08	22.47	9.53	57.17	14.46	20.68	8.35	28.76	75.35	69.2	0	0	26.43	6.402	-0.006	15.8
12/23/2011 6:00	21198	13.5	44.11	9.29	20.68	7.686	41.45	11.6	15.31	8.37	28.76	77.35	70.96	0	0	26.44	6.402	0	12.07
12/23/2011 7:00	21199	13.18	46.45	9.4	20.68	7.712	44.02	12.65	15.31	8.11	28.37	77.4	71.05	0	0	26.45	6.402	0	12.16
12/23/2011 8:00	21200	13.04	47.67	9.95	20.68	7.753	45.78	13.05	15.31	7.601	28.1	77.31	70.93	0	0.498	26.47	6.402	0	13.14
12/23/2011 9:00	21201	12.82	42.39	10.01	20.68	7.355	40.14	11.39	15.31	7.329	27.85	76.85	70.46	0	11.3	26.48	6.402	0	11.92
12/23/2011 10:00	21202	13.92	49.31	11.96	22.47	8.38	47.41	14.73	15.31	6.946	27.7	75.72	69.31	0	38.24	26.5	6.402	0	15.68
12/23/2011 11:00	21203	12.8	55.89	10.95	18.89	8.34	54.85	15.45	15.31	6.733	28.05	73.33	66.91	0	90	26.51	6.402	0	12.22
12/23/2011 12:00	21204	12.31	49.62	12.82	18.89	7.713	48.29	15.14	15.31	7.161	28.5	73.25	66.57	0	134.1	26.5	6.401	0	11.94
12/23/2011 13:00	21205	11	44.64	12.45	18.89	6.669	43.22	14.33	13.52	7.81	29.36	70.8	64.17	0	186.5	26.48	6.4	-0.001	13.73
12/23/2011 14:00	21206	11.27	37.67	11.99	18.89	6.889	37.04	13.25	13.52	8.35	29.83	69.04	62.63	0	152.3	26.45	6.4	0	12.01
12/23/2011 15:00	21207	12.02	32.14	12.79	18.89	7.519	32.9	13.29	15.31	9.19	30.36	69.54	64.12	0	108.9	26.44	6.4	0	12.02
12/23/2011 16:00	21208	11.81	21.72	9.88	18.89	8.17	23.21	11.57	17.1	7.809	29	79.64	74.29	0	70.15	26.43	6.4	0	12.11
12/23/2011 17:00	21209	9.83	24.24	10.48	15.31	6.388	26.09	12.22	13.52	8.06	28.94	83.6	78.31	0	31.76	26.43	6.401	0.001	12
12/23/2011 18:00	21210	11.11	24.39	10.63	18.89	7.104	26.4	12.69	15.31	8.29	29.02	82.9	77.52	0	4.979	26.43	6.402	0	12.1
12/23/2011 19:00	21211	10.4	29.46	10.9	17.1	6.389	31.31	12.24	15.31	9.11	29.15	80.4	74.79	0	0.01	26.44	6.402	0	12.26
12/23/2011 20:00	21212	10.39	27.5	10.56	17.1	6.485	29.95	12.06	15.31	8.95	28.97	81.6	75.47	0.02	0	26.46	6.402	0	16.24
12/23/2011 21:00	21213	11.59	22.89	9.88	20.68	7.937	23.56	11.89	15.31	8.16	28.26	86.4	80.2	0	0	26.47	6.402	0	15.86
12/23/2011 22:00	21214	10.77	24.78	10.1	17.1	6.968	26.37	12.05	17.1	8.55	28.3	85.5	80.6	0.01	0	26.47	6.402	0	13.4
12/23/2011 23:00	21215	9.37	30.02	11.24	17.1	5.706	31.79	12.04	13.52	9.62	28.86	84.2	80	0	0	26.47	6.402	0	16.21
12/24/2011 0:00	21216	9.89	40.85	15.27	17.1	5.931	41.69	15.27	11.74	9.43	28.83	86.2	81	0	0	26.47	6.402	0	16.23
12/24/2011 1:00	21217	8.34	70.82	9	17.1	5.528	69.72	14.73	11.74	8.13	27.74	89	82.3	0.01	0	26.47	6.402	0	16.24
12/24/2011 2:00	21218	5.78	64.04	12.76	9.95	3.611	63.88	15.83	8.16	7.874	27.31	89.7	82.8	0.01	0	26.46	6.402	0	15.61
12/24/2011 3:00	21219	6.479	61.86	11.1	9.95	3.953	59.64	14.34	8.16	7.395	26.99	89.5	82.6	0.01	0	26.46	6.402	0	12.06
12/24/2011 4:00	21220	6.474	37.84	12.06	11.74	3.57	37.2	12.69	8.16	7.537	26.74	89.4	82.4	0	0	26.45	6.402	0	11.95
12/24/2011 5:00	21221	8.95	44.43	8.58	13.52	4.883	42.03	11.01	9.95	6.521	26.18	88.5	81.7	0.01	0	26.44	6.402	0	13.4
12/24/2011 6:00	21222	6.565	33.83	12.27	11.74	3.756	34.93	12.15	8.16	6.631	26.03	88.2	81.4	0	0	26.44	6.402	0	13.37
12/24/2011 7:00	21223	6.474	1.769	13.77	9.95	4.648	2.644	16.9	8.16	6.918	26.01	89	81.8	0.01	0	26.45	6.402	0	11.94
12/24/2011 8:00	21224	8.34	14.82	12.63	15.31	5.769	16.69	14.07	11.74	7.395	26.71	89.1	82.1	0	0.804	26.47	6.402	0	16.17
12/24/2011 9:00	21225	11	22.98	9.68	17.1	7.136	24.67	11.32	13.52	7.56	26.95	88	81.3	0	26.21	26.48	6.402	0	16.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/24/2011 10:00	21226	9.9	24.6	10.5	17.1	6.216	27.16	11.9	13.52	7.721	27.77	87.3	80.6	0.01	90.6	26.51	6.402	0	13.68
12/24/2011 11:00	21227	10.56	38.63	9.64	17.1	5.937	38.61	9.75	11.74	8.38	28.49	86.8	80.3	0.04	164.5	26.53	6.401	0	15.96
12/24/2011 12:00	21228	11.6	38.01	10.03	18.89	6.685	39.23	10.08	13.52	10.44	30.08	84.8	78.84	0.06	322.2	26.53	6.403	0.002	12.15
12/24/2011 13:00	21229	12.12	43.07	7.975	18.89	6.993	40.76	9.44	13.52	10.32	30.39	83.9	78.25	0.04	280	26.51	6.403	0	12.02
12/24/2011 14:00	21230	9.96	45.22	8.24	15.31	5.785	42.38	10.34	11.74	11.87	31.77	82.8	77.65	0.04	395.3	26.49	6.403	0	11.97
12/24/2011 15:00	21231	9.36	42.28	10.06	15.31	5.563	40.95	11.06	11.74	12.68	32.04	83.9	78.68	0.01	252.6	26.48	6.498	0.095	12.16
12/24/2011 16:00	21232	6.7	44.37	12.77	9.95	4.075	42.6	13.72	8.16	12.85	32.95	85.4	79.4	0.01	175.3	26.48	6.692	0.194	16.34
12/24/2011 17:00	21233	5.579	0.918	16.56	9.95	3.997	2.329	18.91	8.16	12.03	32.44	87.1	80.8	0.01	77.16	26.48	6.784	0.092	11.98
12/24/2011 18:00	21234	4.226	329.5	13.68	8.16	3.002	330.6	14.94	6.368	11.92	31.85	88.9	82.1	0.01	19.53	26.48	6.812	0.029	12.04
12/24/2011 19:00	21235	4.177	321.2	17.89	8.16	2.956	322.1	18.88	6.368	11.29	31.2	91.1	83.9	0	0.037	26.49	6.828	0.016	15.88
12/24/2011 20:00	21236	3.844	326.7	12.43	6.368	2.606	327.2	13.21	4.578	11.23	30.83	90.8	83.8	0.01	0	26.49	6.835	0.007	12.1
12/24/2011 21:00	21237	4.677	322.6	6.558	6.368	3.543	323.3	7.169	6.368	10.73	30.35	91.3	84.2	0.01	0	26.5	6.845	0.01	12.07
12/24/2011 22:00	21238	4.471	314.7	7.583	6.368	3.257	315.5	7.856	6.368	10.84	30.38	91.8	84.5	0.02	0	26.51	6.861	0.016	15.85
12/24/2011 23:00	21239	3.32	306.1	7.73	6.368	1.838	306.5	6.379	4.578	10.26	30.39	92.2	85.1	0.03	0	26.51	6.87	0.009	12.11
12/25/2011 0:00	21240	4.309	332	22.21	8.16	2.542	335.1	20.97	6.368	11.11	30.83	92.5	85.5	0.02	0	26.51	6.877	0.006	16.33
12/25/2011 1:00	21241	5.071	352.1	16.73	8.16	2.833	351.9	16.18	4.578	11.29	31.22	92.2	85.4	0.01	0	26.5	6.882	0.006	11.94
12/25/2011 2:00	21242	7.401	337.3	10.54	11.74	4.899	338.9	15.51	8.16	10.96	31.04	89.5	83.4	0	0	26.49	6.883	0.001	12.59
12/25/2011 3:00	21243	7.413	342.7	9.5	11.74	4.635	343.4	15.69	8.16	10.54	30.06	88.2	81.6	0	0	26.49	6.886	0.003	12.02
12/25/2011 4:00	21244	8.27	343.7	10.52	13.52	5.316	344.7	16.61	9.95	10.13	30.02	88	81.4	0	0	26.49	6.887	0.001	12.16
12/25/2011 5:00	21245	8.58	0.184	11.07	13.52	5.546	2.633	14.28	11.74	10.96	30.62	87.5	80.9	0	0	26.48	6.887	0	15.66
12/25/2011 6:00	21246	10.82	1.371	8.73	15.31	6.909	2.617	12.87	11.74	11.19	30.86	85.7	79.35	0	0	26.48	6.887	0	12.09
12/25/2011 7:00	21247	9.25	352.9	8.42	13.52	5.595	354	14.31	9.95	10.26	30.22	85.2	78.78	0	0	26.48	6.887	0	15.75
12/25/2011 8:00	21248	7.686	348.1	7.456	13.52	4.438	350.7	14.61	8.16	10.48	30.34	85.5	79.01	0	0.538	26.49	6.887	0	12
12/25/2011 9:00	21249	6.053	348.1	9.03	9.95	3.537	349.6	15.65	6.368	11.28	30.84	85.7	79.12	0	13.34	26.52	6.887	0	14.69
12/25/2011 10:00	21250	6.436	351.2	8.15	9.95	3.702	352.2	13.46	6.368	12.65	31.85	83.3	76.86	0	38.17	26.55	6.888	0.002	12.09
12/25/2011 11:00	21251	8.27	3.601	8.5	13.52	5.705	4.326	10.5	11.74	13.23	33.12	79.86	73.63	0	104.7	26.57	6.895	0.006	11.91
12/25/2011 12:00	21252	9.74	358.9	9.57	15.31	7.118	359.5	12.2	13.52	13.74	34.97	76.7	70.35	0	341.8	26.58	6.923	0.029	16.26
12/25/2011 13:00	21253	11.32	352.4	8.77	17.1	8.17	353.6	10.44	15.31	13.64	35.93	76.3	69.57	0	470.7	26.57	6.995	0.072	12.01
12/25/2011 14:00	21254	9.72	0.58	10.14	15.31	7.302	1.591	12.1	13.52	12.87	35.53	76.88	70.29	0	298.6	26.56	7.061	0.066	16.23
12/25/2011 15:00	21255	10.04	0.094	10.57	15.31	7.534	1.243	13.24	11.74	11.17	34.43	79.53	72.9	0	185.1	26.54	7.062	0.001	16.22
12/25/2011 16:00	21256	9.43	0.414	8.44	13.52	7.143	1.984	12.16	11.74	11.11	34.4	78.74	72.52	0	156.3	26.52	7.063	0.001	11.96
12/25/2011 17:00	21257	8.43	350.9	9.9	11.74	6.045	352.5	14.3	9.95	11.13	34.19	78.59	72.35	0	91.2	26.51	7.079	0.016	16.34
12/25/2011 18:00	21258	7.299	347.4	9.37	11.74	5.125	349.7	15.65	9.95	11.07	33.21	82.4	75.78	0	16.01	26.5	7.085	0.006	12.03
12/25/2011 19:00	21259	5.247	336.5	10.98	8.16	3.585	336.9	15.8	6.368	9.28	32.73	83.8	77.31	0	0.124	26.49	7.082	-0.003	15.68
12/25/2011 20:00	21260	6.795	352	9.62	9.95	4.54	354	15.46	8.16	9.64	32.67	85.9	79.16	0	0	26.49	7.082	0	16.3
12/25/2011 21:00	21261	6.144	356.2	9.72	9.95	4.398	357.9	16.38	9.95	9.45	32.59	84.7	78.06	0	0	26.48	7.082	0	11.94
12/25/2011 22:00	21262	4.597	347.3	24.01	8.16	3.197	349.3	24.65	6.368	8.94	32.18	83.9	77.44	0	0	26.48	7.082	0	13.32
12/25/2011 23:00	21263	2.516	321.8	10.59	4.578	0.846	313	5.949	2.789	8.4	31.47	85.3	79.32	0	0	26.47	7.083	0.001	12.11
12/26/2011 0:00	21264	3.214	291.9	9.27	6.368	1.386	302.5	12.34	4.578	7.594	30.7	87.3	80.9	0	0	26.45	7.083	0.001	12.6
12/26/2011 1:00	21265	3.735	309.8	17.57	6.368	2.442	308.9	15.7	6.368	7.345	30.63	89.1	82.2	0	0	26.43	7.083	0	15.93
12/26/2011 2:00	21266	4.622	288.6	5.958	6.368	3.012	288.5	8.49	4.578	5.466	29.51	90.3	83	0	0	26.4	7.084	0.001	12.22
12/26/2011 3:00	21267	6.626	288.5	8.65	11.74	5.093	290.6	11.44	9.95	5.689	30	87.6	81.1	0	0	26.38	7.084	0	11.94
12/26/2011 4:00	21268	6.948	282.6	8.61	11.74	5.439	282.7	11.42	9.95	5.901	29.6	86.2	79.31	0	0	26.37	7.084	0	15.51
12/26/2011 5:00	21269	6.326	283.1	7.954	11.74	4.792	283.2	11.07	9.95	4.501	28.3	83.9	77.36	0	0	26.35	7.084	0	15.57
12/26/2011 6:00	21270	5.88	288.4	11.13	8.16	3.678	290.1	15.87	6.368	3.469	25.79	85.3	79	0	0	26.32	7.084	0	15.81

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/26/2011 7:00	21271	6.365	290.3	7.116	9.95	3.633	293.9	12.77	8.16	2.087	24.33	84.9	79.01	0	0	26.3	7.085	0.001	15.8
12/26/2011 8:00	21272	5.861	297	9.31	8.16	3.241	299.3	20.23	6.368	-0.166	21.46	85.3	80.3	0	1.834	26.29	7.082	-0.003	16.32
12/26/2011 9:00	21273	5.078	280.5	9.33	8.16	3.185	275.7	14.63	6.368	-0.593	22.35	81.9	75.44	0	100.8	26.28	7.086	0.003	12.27
12/26/2011 10:00	21274	4.048	273.3	15.59	6.368	3.328	274.9	17.75	6.368	4.996	28.65	75.76	66.71	0	276.8	26.32	7.083	-0.003	16.47
12/26/2011 11:00	21275	3.868	274.2	21.27	8.16	3.084	277.1	23.07	8.16	11.58	34.73	68.62	60.33	0	435.9	26.38	7.083	0	12.08
12/26/2011 12:00	21276	6.921	268.5	14.78	11.74	5.833	269.2	17.45	9.95	17.53	39.83	61.19	54.45	0	548.1	26.41	7.084	0.001	12.02
12/26/2011 13:00	21277	10.42	247.5	13.95	15.31	8.7	248.1	14.74	13.52	18.7	41.14	58.17	52.96	0	604.1	26.39	7.084	0	12.09
12/26/2011 14:00	21278	11.14	240.6	9.14	17.1	9.39	241.5	9.98	17.1	18.39	40.95	58.59	53.82	0	596.9	26.37	7.084	0	16.4
12/26/2011 15:00	21279	11.2	248.2	11.92	18.89	9.29	249.5	12.79	15.31	19.87	42.36	56.23	51.92	0	530.8	26.35	7.084	0	12.07
12/26/2011 16:00	21280	10.36	263	10.97	15.31	8.31	263.1	11.74	13.52	36.67	43.62	55.08	50.69	0	410.1	26.34	7.081	-0.003	12.03
12/26/2011 17:00	21281	9.75	265.6	10.18	17.1	7.7	265.4	11.14	13.52	39.56	44.46	54.32	49.97	0	246.4	26.32	7.076	-0.005	15.82
12/26/2011 18:00	21282	6.155	251.3	6.707	9.95	4.278	250.7	7.743	9.95	25.48	41.74	59.08	55.59	0	59.21	26.31	7.07	-0.006	11.98
12/26/2011 19:00	21283	5.088	252.7	6.154	6.368	1.208	257.7	5.004	4.578	18.53	35.29	65.68	66.58	0	0.39	26.28	7.069	-0.001	16.16
12/26/2011 20:00	21284	4.315	262.9	18.8	6.368	0.569	318.8	13.14	4.578	16.63	32.56	68.5	72.6	0	0	26.26	7.07	0.001	16
12/26/2011 21:00	21285	6.094	302.2	9.87	8.16	2.448	313	11.81	4.578	15.19	32.81	67.95	69.81	0	0	26.26	7.071	0.002	12.13
12/26/2011 22:00	21286	5.55	314.7	7.812	9.95	1.613	317	8.73	6.368	13.2	31.97	69.8	70.39	0	0	26.27	7.072	0	12.11
12/26/2011 23:00	21287	7.662	307.8	9.61	11.74	4.595	314	10.7	8.16	11.76	31.62	72.4	70.88	0	0	26.3	7.072	0	12.82
12/27/2011 0:00	21288	10.16	308.6	10.82	18.89	7.217	310.3	11.58	17.1	11.46	31.99	70.58	68.15	0	0	26.31	7.071	0	12.24
12/27/2011 1:00	21289	14.31	322.5	5.806	26.05	11.63	324.3	6.619	20.68	12.3	33.83	66.52	63.04	0	0	26.33	7.071	-0.001	14.3
12/27/2011 2:00	21290	14.24	334.2	10.87	18.89	11	335.7	13.11	17.1	11.97	33.01	68.02	64.52	0	0	26.34	7.069	-0.001	16.07
12/27/2011 3:00	21291	15.29	8.98	10.2	24.26	11.67	11.04	11.44	24.26	13.42	35.28	60.32	56.52	0	0	26.36	7.069	0	11.75
12/27/2011 4:00	21292	14.88	12.13	9.54	24.26	11.56	15.19	10	24.26	13.24	34.49	61.11	56.7	0	0	26.38	7.069	0	12.15
12/27/2011 5:00	21293	13.91	4.677	7.881	20.68	10.12	5.743	10.11	18.89	12.11	33.18	61.84	57.93	0	0	26.39	7.069	0	15.27
12/27/2011 6:00	21294	8.76	333.2	42.67	17.1	6.16	335	50.15	15.31	9.46	30.58	64.67	61.04	0	0	26.4	7.071	0.001	14.6
12/27/2011 7:00	21295	7.019	326.4	23.09	13.52	4.352	327.4	27.71	11.74	5.72	27.1	70.25	67.28	0	0	26.4	7.072	0.001	15.76
12/27/2011 8:00	21296	8.75	305.9	15.93	15.31	6.194	303.2	19.06	11.74	4.843	26.48	70.54	66.36	0	1.807	26.42	7.068	-0.003	11.94
12/27/2011 9:00	21297	9.57	313	5.576	15.31	6.423	314.1	9.88	11.74	5.889	27.94	67.62	63.23	0	90.5	26.42	7.072	0.003	15.74
12/27/2011 10:00	21298	8.38	315.3	6.295	11.74	5.503	320.1	10.42	9.95	11.72	34.22	60.13	55.36	0	275	26.47	7.069	-0.002	16.21
12/27/2011 11:00	21299	6.356	318	7.977	9.95	4.665	323	10.72	9.95	19.17	40.44	54.36	49.67	0	434	26.54	7.07	0.001	12.08
12/27/2011 12:00	21300	3.155	296.6	45.61	6.368	2.442	308.7	42.17	6.368	27.75	47.54	41.1	37.28	0	548.3	26.59	7.064	-0.006	12.06
12/27/2011 13:00	21301	6.562	194.8	19.19	11.74	4.976	200.3	21.14	9.95	28.28	49.76	35.06	31.48	0	604.9	26.59	7.024	-0.04	16.58
12/27/2011 14:00	21302	9.12	197.3	12.03	15.31	6.874	204	14.68	13.52	30.23	49.34	36.18	33.33	0	596.6	26.55	7.019	-0.005	12.12
12/27/2011 15:00	21303	10.1	193.2	11.14	17.1	7.452	198	14.94	13.52	27.58	48.84	38.19	35.25	0	529.9	26.51	7.007	-0.011	12.08
12/27/2011 16:00	21304	8.84	177	19.16	15.31	6.314	183.6	23.16	11.74	27.78	49.63	42.01	38.39	0	408.5	26.48	6.998	-0.009	12.23
12/27/2011 17:00	21305	8.31	162.1	13.95	13.52	5.594	165.5	17.57	9.95	27.81	49.57	44.21	40.36	0	244.7	26.45	6.991	-0.006	16.28
12/27/2011 18:00	21306	5.841	142.3	11.98	11.74	3.243	138.4	22.65	8.16	43.62	45.74	51.23	48.49	0	59.69	26.41	6.986	-0.005	12.27
12/27/2011 19:00	21307	5.291	110.1	5.379	6.368	3.047	79.24	8.06	4.578	25.84	38.99	59.47	60.93	0	0.19	26.36	6.984	-0.002	12.08
12/27/2011 20:00	21308	5.578	106.1	12.85	9.95	3.531	73.37	16.43	6.368	24.66	38.31	57.26	61.67	0	0	26.32	6.987	0.002	12.3
12/27/2011 21:00	21309	6.553	167.3	15.24	9.95	1.648	117	23.95	4.578	22.27	34.8	58.14	65.24	0	0	26.31	6.983	-0.003	13.63
12/27/2011 22:00	21310	5.519	203.7	6.937	8.16	1.14	204.2	8.72	4.578	17.93	33.34	64.4	67.08	0	0	26.29	6.981	-0.002	16.09
12/27/2011 23:00	21311	8.05	210.6	5.022	11.74	3.61	209.9	9.4	6.368	18.31	34.27	62.32	65.64	0	0	26.28	6.982	0.001	15.94
12/28/2011 0:00	21312	3.602	257.4	27.21	8.16	1.304	300.9	24.59	4.578	16.19	32.69	67.04	68.82	0	0	26.27	6.979	-0.003	11.98
12/28/2011 1:00	21313	5.458	237.5	13.95	13.52	1.898	256.8	26.49	4.578	16.03	31.56	67.3	69.81	0	0	26.24	6.979	0	13.01
12/28/2011 2:00	21314	4.26	272.1	27.15	8.16	1.3	302.4	29.4	4.578	13.81	31.26	69.82	71.82	0	0	26.22	6.979	0	12
12/28/2011 3:00	21315	4.635	267.6	26.59	6.368	1.242	263.2	50.78	4.578	16.71	32.17	64.94	69.08	0	0	26.21	6.979	0	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
12/28/2011 4:00	21316	4.978	252.1	19.21	13.52	1.295	243.4	32.28	4.578	15.49	30.42	66.66	71.64	0	0	26.2	6.979	0	11.92	
12/28/2011 5:00	21317	10.06	297.5	12.06	17.1	4.948	296.1	21.98	13.52	14.88	32.78	66.15	67.02	0	0	26.19	6.979	0	15.91	
12/28/2011 6:00	21318	15.75	314.1	9.73	29.63	10.03	317.7	14.43	24.26	17.77	37.04	58.33	56.97	0	0	26.22	6.981	0.001	12.01	
12/28/2011 7:00	21319	16.55	314.1	8.2	29.63	10.58	318.2	11.58	24.26	18.34	38.03	54.57	52.75	0	0	26.25	6.98	-0.001	15.9	
12/28/2011 8:00	21320	15.44	323.8	6.694	24.26	11.11	328.5	8.96	20.68	18.83	38.37	53.14	51.09	0	1.566	26.29	6.98	0	12.05	
12/28/2011 9:00	21321	12.1	318.7	7.902	17.1	7.572	321.9	12.83	13.52	18.25	38.13	53.73	51.01	0	92.3	26.31	6.98	0	12.01	
12/28/2011 10:00	21322	13.37	317	8.76	22.47	9.44	321.1	11.62	17.1	22.54	42.49	46.99	44.53	0	276.4	26.37	6.975	-0.005	12.2	
12/28/2011 11:00	21323	14.57	328.9	9.87	20.68	11.61	331.4	10.6	18.89	25.37	46.04	42.88	40.92	0	432.1	26.43	6.967	-0.008	12.85	
12/28/2011 12:00	21324	14.5	329.8	8.9	22.47	11.74	331.9	10.08	18.89	28.67	49.24	39.52	38.1	0	543.3	26.46	6.966	-0.001	12.42	
12/28/2011 13:00	21325	15.23	326.9	8.19	22.47	12.24	329.6	10.07	18.89	31.01	51.11	38.18	36.8	0	597.6	26.47	6.966	0	11.85	
12/28/2011 14:00	21326	12.81	322.6	13.15	18.89	9.71	326.1	14.86	17.1	33.32	53.45	36.09	34.55	0	592.9	26.46	6.963	-0.003	11.81	
12/28/2011 15:00	21327	12.4	312.6	11.53	17.1	8.39	316.4	17.43	15.31	50.66	54.83	34.04	32.4	0	530.1	26.45	6.958	-0.005	12.08	
12/28/2011 16:00	21328	10.57	314.3	10.3	15.31	7.381	318.8	14.78	13.52	56.02	56.33	29.52	28.15	0	411.7	26.44	6.952	-0.006	12.09	
12/28/2011 17:00	21329	6.193	296.4	23.33	11.74	4.488	298.8	29.15	9.95	57.17	57.53	29.3	26.96	0	248.6	26.43	6.947	-0.005	16.3	
12/28/2011 18:00	21330	5.075	262.6	13.82	8.16	3.178	264.6	22.83	6.368	55.37	54.74	30.14	28.74	0	62.68	26.4	6.941	-0.006	12.07	
12/28/2011 19:00	21331	4.131	316.7	26.11	6.368	0.593	349.9	23.22	2.789	49.37	45.53	37.81	41.68	0	0.398	26.37	6.94	-0.001	11.8	
12/28/2011 20:00	21332	2.175	333.1	70.82	4.578	1.596	101.1	22.59	4.578	45.62	40.8	44.93	52.32	0	0.002	26.33	6.935	-0.005	16.16	
12/28/2011 21:00	21333	1.444	47.36	43.23	4.578	0.616	48.93	12.1	4.578	43.97	38.34	48.22	60.95	0	0.001	26.3	6.933	-0.002	14.8	
12/28/2011 22:00	21334	2.089	297.7	25.44	4.578	0.762	13.1	31.41	2.789	42.17	35.45	52.57	67.56	0	0	26.29	6.93	-0.003	16.27	
12/28/2011 23:00	21335	1.307	310	24.93	4.578	0.598	104.5	11.24	4.578	40.28	34.54	56.08	67.53	0	0	26.27	6.927	-0.003	11.96	
12/29/2011 0:00	21336	3.573	292.7	9.54	6.368	0.346	302.8	5.343	2.789	38.89	33.13	60.23	69.78	0	0	26.26	6.929	0.002	12.02	
12/29/2011 1:00	21337	5.385	300.2	6.817	11.74	1.385	319.3	8.7	2.789	41.31	35.97	53.39	62.03	0	0	26.25	6.929	0	15.91	
12/29/2011 2:00	21338	6.354	306.1	4.793	8.16	1.465	311.8	7.832	4.578	43.17	36.7	46.59	56.24	0	0	26.24	6.925	-0.004	16.23	
12/29/2011 3:00	21339	6.907	315.1	5.892	9.95	2.382	317.9	8.6	6.368	42.06	37.09	49.71	57.06	0	0	26.23	6.923	-0.001	15.27	
12/29/2011 4:00	21340	6.428	318.1	5.542	9.95	1.502	318.2	11.19	4.578	40.34	35.31	49.9	58.17	0	0	26.21	6.924	0	11.94	
12/29/2011 5:00	21341	3.472	279.9	26.56	6.368	1.032	211.3	39.4	4.578	37.53	32.51	54.71	61.5	0	0	26.19	6.925	0.002	11.98	
12/29/2011 6:00	21342	4.026	288.4	14.79	6.368	0.783	254.5	22.18	4.578	36.02	31.3	58.76	64.68	0	0	26.18	6.926	0	14.5	
12/29/2011 7:00	21343	3.864	289.2	13.68	6.368	1.058	249	39.42	4.578	35.69	30.53	63.54	66.96	0	0	26.17	6.926	0	14.84	
12/29/2011 8:00	21344	4.364	320.6	17.13	8.16	0.93	334.4	23.09	4.578	35.75	31.38	66.51	70.47	0	1.618	26.17	6.926	0	11.96	
12/29/2011 9:00	21345	4.893	284.7	27.66	9.95	2.584	273.4	34.47	6.368	35.22	36.42	64.33	63.47	0	90.6	26.18	6.924	-0.002	12.24	
12/29/2011 10:00	21346	5.246	282.5	11.92	9.95	3.864	279.1	16.2	8.16	22.67	43.93	61.46	56.18	0	271.9	26.24	6.924	0	15.35	
12/29/2011 11:00	21347	6.267	271.7	14.44	9.95	5.024	269.5	17.04	9.95	30.32	51.89	47.05	42.91	0	426	26.31	6.922	-0.002	12.24	
12/29/2011 12:00	21348	7.944	259.5	12.81	15.31	6.781	257.7	13.41	13.52	39.07	59.07	35.83	32.87	0	535.5	26.33	6.917	-0.005	16.07	
12/29/2011 13:00	21349	10.85	239.3	17.25	18.89	9.03	240.4	17	15.31	44.68	64.15	27.61	25.49	0	592.1	26.32	6.913	-0.004	12.19	
12/29/2011 14:00	21350	11.69	247.9	12.16	17.1	8.75	247	15.02	17.1	46.63	66.19	25.25	22.94	0	589.7	26.3	6.907	-0.006	15.45	
12/29/2011 15:00	21351	12.7	246.9	11.31	18.89	10.32	247.5	12.69	17.1	49.88	68.63	21.94	19.59	0	527.1	26.29	6.897	-0.01	11.96	
12/29/2011 16:00	21352	14.19	235	10.16	22.47	11.56	236.2	10.3	18.89	50.22	68.75	22.36	20.16	0	407.9	26.28	6.878	-0.019	12.18	
12/29/2011 17:00	21353	12.18	238.5	8.69	18.89	9.75	239.3	9.18	17.1	54.9	68.54	20.84	18.67	0	247.4	26.26	6.869	-0.01	12.63	
12/29/2011 18:00	21354	8.93	247.2	10.31	13.52	6.229	247.1	9.91	11.74	47.56	64.29	25.75	24.07	0	63.25	26.24	6.857	-0.012	11.82	
12/29/2011 19:00	21355	7.654	279.3	8.82	11.74	3.385	290.8	21.5	8.16	41.52	54.86	34.81	37.56	0	0.451	26.21	6.849	-0.008	12.03	
12/29/2011 20:00	21356	7.044	290.4	11.48	9.95	2.393	295.6	19.79	6.368	37.7	50.3	42.95	46.67	0	0.003	26.17	6.845	-0.004	12.08	
12/29/2011 21:00	21357	8.03	297.2	8.32	9.95	2.856	295.6	19.02	6.368	33.6	47.32	52.41	55.47	0	0.001	26.16	6.838	-0.006	16.19	
12/29/2011 22:00	21358	7.712	294.8	10.3	11.74	3.455	294.4	27.29	8.16	30.17	44.8	57.95	61.1	0	0	26.15	6.832	-0.006	12.08	
12/29/2011 23:00	21359	8.67	302.5	8.16	13.52	3.973	303.8	17.15	8.16	31.9	47.88	56.19	56.56	0	0	26.15	6.832	0	12.07	
12/30/2011 0:00	21360	7.976	301.3	5.531	9.95	2.995	297.9	15.22	6.368	29.36	44.22	61.06	63.34	0	0.001	26.16	6.83	-0.002	12.18	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/30/2011 1:00	21361	10.39	305.5	6.783	15.31	4.74	307.2	16.5	9.95	28.34	45.57	61.73	61.65	0	0	26.16	6.827	-0.003	11.8
12/30/2011 2:00	21362	10.4	313.8	11.43	15.31	5.815	316.8	16.48	9.95	27.02	45.15	61.62	60.23	0	0.001	26.18	6.823	-0.004	12.29
12/30/2011 3:00	21363	14.52	324.4	7.904	20.68	11.06	328.3	8.81	17.1	30.58	48.51	51.53	50.18	0	0.001	26.2	6.819	-0.004	11.96
12/30/2011 4:00	21364	11.19	316.1	9.51	18.89	7.046	320.6	13.01	13.52	25.51	44.33	60.75	58.1	0	0.001	26.23	6.817	-0.003	12.4
12/30/2011 5:00	21365	12.02	320.5	8.36	20.68	8.2	323.6	9.74	15.31	23.63	43.28	61.96	59.42	0	0	26.24	6.814	-0.002	16.08
12/30/2011 6:00	21366	10.12	26.65	22.07	22.47	6.087	28.26	21.42	17.1	24.69	44.2	60.61	57.36	0	0.001	26.28	6.814	0	15.8
12/30/2011 7:00	21367	10.12	31.9	10.25	17.1	5.548	33.5	10.54	13.52	22.15	42.22	63.81	60.08	0	0	26.32	6.811	-0.002	11.96
12/30/2011 8:00	21368	9.02	33.39	9.31	13.52	4.604	35.01	9.47	9.95	21.94	42.06	60.7	57.36	0	1.592	26.33	6.809	-0.002	12.09
12/30/2011 9:00	21369	8.54	44.41	10.21	13.52	4.653	45.11	12.96	9.95	23.68	43.63	56.05	53.16	0	88	26.35	6.804	-0.005	11.98
12/30/2011 10:00	21370	6.869	67.58	20.2	15.31	4.398	64.07	23.17	15.31	29.1	49.83	45.85	42.05	0	270.1	26.42	6.806	0.002	13.81
12/30/2011 11:00	21371	8.94	106.1	14.2	15.31	6.455	107.5	20.67	11.74	36.65	55.55	30.26	26.83	0	425.9	26.49	6.801	-0.005	16.39
12/30/2011 12:00	21372	10.58	126.2	17.83	18.89	7.399	129.1	23.35	15.31	38.61	58.63	25.37	21.57	0	536.6	26.52	6.796	-0.005	11.79
12/30/2011 13:00	21373	10.98	152.9	16.22	18.89	7.533	156.2	20.32	15.31	38.66	60.03	25.69	21.48	0	591.4	26.51	6.783	-0.013	11.82
12/30/2011 14:00	21374	8.76	173.7	19.96	17.1	6.357	178.2	23.68	13.52	55.38	62.15	23.33	19.23	0	585	26.5	6.774	-0.01	15.33
12/30/2011 15:00	21375	9.43	186.9	18.93	15.31	6.958	191.3	22.17	13.52	61.72	63.32	22.37	18.39	0	523.7	26.48	6.761	-0.013	12.26
12/30/2011 16:00	21376	9.51	194.1	14.07	18.89	7.017	198.7	16.58	11.74	62.24	63.42	22.79	18.89	0	406.6	26.46	6.751	-0.01	16.45
12/30/2011 17:00	21377	8.68	195.7	11.25	15.31	6.27	199.6	14.92	9.95	62.19	63.1	23.85	20.11	0	247.4	26.43	6.736	-0.016	12.07
12/30/2011 18:00	21378	7.8	201.6	6.494	13.52	4.801	206	9.39	9.95	59.41	58.75	29.12	26.85	0	60.61	26.4	6.719	-0.017	12.07
12/30/2011 19:00	21379	7.163	193.5	3.98	9.95	2.847	182.7	10.3	4.578	54	49.92	35.51	37.13	0	0.534	26.35	6.704	-0.015	15.93
12/30/2011 20:00	21380	5.909	184.2	8.93	9.95	1.446	153.5	18.44	4.578	50	45.77	40.4	42.07	0	0.001	26.32	6.696	-0.008	12.14
12/30/2011 21:00	21381	5.157	181.3	21.16	8.16	0.926	130.9	40.04	4.578	46.89	43.12	45.47	48.21	0	0	26.29	6.693	-0.002	16.31
12/30/2011 22:00	21382	5.657	213.5	10.7	9.95	1.747	221.9	18.07	4.578	46.1	42.56	47.42	49.25	0	0	26.27	6.695	0.001	11.77
12/30/2011 23:00	21383	5.811	230.5	3.295	8.16	1.075	251.8	7.889	2.789	43.55	39.12	51.96	56.21	0	0	26.26	6.688	-0.006	14.13
12/31/2011 0:00	21384	4.408	229.9	10.75	8.16	0.391	274.8	2.149	2.789	43.22	38.47	51.7	57.34	0	0	26.24	6.688	0	16.22
12/31/2011 1:00	21385	3.922	258.6	14.92	6.368	1.396	315.8	12.66	4.578	43.78	39.73	49.91	54.69	0	0	26.22	6.688	0	12.11
12/31/2011 2:00	21386	5.247	262	7.896	6.368	2.837	298.9	14.03	4.578	45.48	40.77	47.18	51.65	0	0	26.21	6.685	-0.003	12.34
12/31/2011 3:00	21387	5.041	277	4.817	6.368	3.041	311	6.229	4.578	46.19	41.15	45.22	50.48	0	0	26.21	6.685	0	12.11
12/31/2011 4:00	21388	3.058	269	12.74	4.578	0.807	313	4.118	2.789	45.74	39.81	45.24	51.96	0	0	26.2	6.682	-0.003	16.19
12/31/2011 5:00	21389	4.034	287.6	6.46	6.368	1.182	293.4	8.61	4.578	43.26	38.3	50.41	55.17	0	0	26.18	6.682	0	16.2
12/31/2011 6:00	21390	3.445	252	10.9	6.368	0.004	0.629	0.002	2.789	40.8	35.06	54.95	61.81	0	0	26.17	6.682	0	15.97
12/31/2011 7:00	21391	3.415	259.3	21.79	6.368	0.758	299.3	35.18	2.789	39.95	35.68	56.41	60.73	0	0	26.16	6.68	-0.002	11.99
12/31/2011 8:00	21392	3.899	236.5	8.77	6.368	0.5	297.5	12.1	2.789	38.33	35.08	59.65	61.74	0	1.555	26.17	6.68	0	13.11
12/31/2011 9:00	21393	4.146	247.6	15.58	8.16	2.085	261.6	30.86	4.578	40.37	38.62	58.28	57.24	0	90.5	26.19	6.679	-0.001	12.09
12/31/2011 10:00	21394	4.613	231.3	20.54	8.16	3.808	232	19.86	6.368	46.62	46.84	55.4	50.99	0	275	26.26	6.677	-0.003	12.06
12/31/2011 11:00	21395	6.969	214.6	11.53	11.74	5.675	218.1	13.36	9.95	52.85	53.61	48.24	43.85	0	431.9	26.33	6.674	-0.002	11.76
12/31/2011 12:00	21396	8.87	249.2	12.6	15.31	7.577	249.9	14.13	13.52	61.81	62.08	36.94	33.37	0	542.2	26.36	6.669	-0.005	16.11
12/31/2011 13:00	21397	12.07	261.1	12.09	17.1	10.08	261.9	13.29	15.31	71.23	71.66	23.39	19.99	0	602.4	26.36	6.663	-0.007	16.12
12/31/2011 14:00	21398	14.45	269.5	13.56	20.68	11.92	269.6	14.77	17.1	73.82	74.42	18.67	15.12	0	600.6	26.36	6.649	-0.013	15.67
12/31/2011 15:00	21399	14.49	281	13.62	24.26	11.95	281.9	16	20.68	75.11	75.52	17.28	13.73	0	539.4	26.36	6.63	-0.019	13.35
12/31/2011 16:00	21400	13.76	282.6	10.33	20.68	11.3	283	13.02	17.1	75.58	75.81	16.92	13.42	0	423.6	26.37	6.621	-0.01	12.12
12/31/2011 17:00	21401	12.54	287.1	9.74	18.89	10.18	288.3	12.68	15.31	75.09	74.97	17.08	13.73	0	265.1	26.38	6.605	-0.015	13.18
12/31/2011 18:00	21402	6.409	302	14.73	11.74	4.137	302.8	17.8	9.95	71.54	70.25	22.79	20.67	0	80.4	26.39	6.599	-0.006	12.08
12/31/2011 19:00	21403	6.187	323.7	13.78	13.52	2.108	338.3	10.62	9.95	65.15	60.12	31.06	33.08	0	1.31	26.38	6.585	-0.014	11.82
12/31/2011 20:00	21404	11.31	335.5	9.15	17.1	8.08	337.9	10.64	13.52	61.18	59.21	34.54	33.92	0	0.005	26.39	6.576	-0.009	12.16
12/31/2011 21:00	21405	11.29	348.1	15.26	20.68	7.52	349.2	18.07	13.52	58.94	57.16	32.76	31.64	0	0.004	26.42	6.571	-0.006	11.91

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/31/2011 22:00	21406	18.77	25.85	17.26	36.78	11.82	27.13	16.99	29.63	54.05	53.45	34.77	31.67	0	0.003	26.47	6.568	-0.002	12.09
12/31/2011 23:00	21407	25.9	41.78	9.03	40.36	14.72	39.88	10.28	29.63	48.63	48.35	29.87	26.4	0	0	26.5	6.556	-0.012	12.12
1/1/2012 0:00	21408	19.86	39.38	9.96	34.99	11.49	39.26	10.8	24.26	44.7	44.46	35.21	31.44	0	0	26.53	6.543	-0.013	16.21
1/1/2012 1:00	21409	16.74	37.81	9.98	34.99	9.81	38.65	10.49	27.84	42.05	41.81	40.64	36.58	0	0	26.55	6.523	-0.02	13.07
1/1/2012 2:00	21410	12.89	33.83	11.02	20.68	7.592	35.28	11.43	15.31	39.09	38.84	46.37	42.17	0	0	26.56	6.511	-0.012	15.13
1/1/2012 3:00	21411	14.29	22.67	9.81	20.68	9.57	23.95	11.03	20.68	36.83	36.63	50.91	46.42	0	0	26.57	6.508	-0.003	16.16
1/1/2012 4:00	21412	12.11	12.22	13.22	22.47	9.1	12.04	14.8	18.89	35.6	35.46	54.32	49.62	0	0	26.58	6.501	-0.006	13.87
1/1/2012 5:00	21413	5.017	315.1	32.55	9.95	3.158	315.8	38.02	6.368	33.63	32.15	58.52	56.6	0	0	26.61	6.5	-0.001	16.05
1/1/2012 6:00	21414	5.03	310.8	23.01	9.95	3.01	282.2	45.84	8.16	30.56	29.09	65.89	62.84	0	0	26.62	6.497	-0.003	11.98
1/1/2012 7:00	21415	7.686	309.5	9.34	13.52	4.725	304.7	16.53	9.95	29.74	28.22	70.25	68.06	0	0	26.64	6.491	-0.006	14.64
1/1/2012 8:00	21416	10.86	321.3	5.126	13.52	8.14	322	7.147	11.74	30.44	29.65	68.5	65.09	0	1.624	26.66	6.488	-0.003	12
1/1/2012 9:00	21417	8.77	325.7	5.837	11.74	6.374	325.4	8.48	9.95	32.46	31.87	65.85	61.99	0	92.5	26.7	6.491	0.003	14.24
1/1/2012 10:00	21418	6.827	345.6	14.35	11.74	5.524	344.8	15.55	9.95	39.11	39.44	52.4	47.72	0	278.9	26.77	6.481	-0.01	13.3
1/1/2012 11:00	21419	5.436	26.55	19.25	11.74	3.795	25.34	19.68	8.16	42.94	43.61	40.7	36.29	0	438.7	26.85	6.479	-0.002	12
1/1/2012 12:00	21420	5.206	42.11	31.77	13.52	3.747	38.44	32.49	15.31	45.59	46.53	34.23	29.91	0	551.7	26.89	6.475	-0.005	12.21
1/1/2012 13:00	21421	5.153	38.4	31.04	11.74	3.824	35.03	33.23	9.95	47.79	48.82	30.79	26.53	0	609.6	26.89	6.468	-0.006	12
1/1/2012 14:00	21422	4.654	40.89	49.42	9.95	3.452	33.42	47.21	9.95	49.67	50.82	26.28	22.19	0	605.3	26.87	6.464	-0.005	12.17
1/1/2012 15:00	21423	3.827	32	43.39	8.16	2.864	24.41	46.29	6.368	51.75	52.28	23.27	19.52	0	541.5	26.86	6.46	-0.004	12.09
1/1/2012 16:00	21424	4.839	44.85	33.16	9.95	3.455	42.51	31.48	9.95	51.74	52.53	23.14	19.24	0	421.8	26.85	6.451	-0.009	12.28
1/1/2012 17:00	21425	5.641	57.86	24.27	9.95	4.078	56.58	25.4	8.16	51.42	52.29	23.05	19.17	0	259	26.83	6.443	-0.008	16.01
1/1/2012 18:00	21426	6.257	75.73	12.52	9.95	3.874	75.16	17.57	8.16	49	48.89	25.91	23.43	0	71.2	26.81	6.43	-0.012	12.23
1/1/2012 19:00	21427	5.54	87.9	4.344	8.16	2.647	72.81	11.78	4.578	45.09	41.64	28.82	33.48	0	0.6	26.76	6.426	-0.004	12.05
1/1/2012 20:00	21428	5.287	86.4	10.32	8.16	2.915	66.95	10.34	4.578	43.09	39.2	32.18	37.71	0	0	26.72	6.422	-0.004	12.09
1/1/2012 21:00	21429	5.946	103.7	9.02	8.16	3.008	75.96	9.3	4.578	41.7	37.41	33.98	39.3	0	0	26.71	6.419	-0.003	12.14
1/1/2012 22:00	21430	6.214	67.79	11.01	8.16	3.54	60.41	7.733	4.578	40.58	37	36.16	40.65	0	0	26.71	6.416	-0.003	13.97
1/1/2012 23:00	21431	5.98	51.35	7.106	9.95	3.044	56.14	11.04	6.368	38.79	35.71	39.78	43.41	0	0	26.71	6.413	-0.003	12.06
1/2/2012 0:00	21432	5.509	45.26	7.284	8.16	2.329	44.24	12.16	4.578	37.53	34.67	40.96	44.55	0	0	26.72	6.41	-0.003	12.26
1/2/2012 1:00	21433	5.951	57.73	8.3	9.95	3.203	63.18	10.4	6.368	36.62	32.6	41.96	48.38	0	0	26.71	6.411	0.001	12.01
1/2/2012 2:00	21434	7.238	48.93	10.92	11.74	3.864	50.75	14.26	8.16	34.83	32.35	44.09	46.04	0	0	26.72	6.408	-0.003	11.96
1/2/2012 3:00	21435	7.93	60.15	13.1	13.52	4.608	59.16	14.03	9.95	32.74	31.36	48.05	46.78	0	0	26.72	6.408	0	12.12
1/2/2012 4:00	21436	8.13	77.35	7.547	11.74	4.532	69.44	11.62	8.16	32.22	30.06	50.66	50.5	0	0	26.72	6.405	-0.003	12.28
1/2/2012 5:00	21437	7.798	57.59	12.1	11.74	4.451	54.78	13.3	8.16	31.7	29.98	53.75	52.58	0	0	26.73	6.405	0	11.98
1/2/2012 6:00	21438	5.573	40.32	8.6	9.95	2.629	36.94	9.57	6.368	29.61	28.6	58.62	55.68	0	0	26.73	6.408	0.003	12.13
1/2/2012 7:00	21439	6.76	33.18	7.834	11.74	3.484	34.65	9.26	8.16	29.62	28.69	58.89	55.6	0	0	26.74	6.408	0	16.03
1/2/2012 8:00	21440	6.272	29.68	7.996	9.95	3.333	42.62	10.58	6.368	30.15	28.62	58.23	56.22	0	1.543	26.76	6.408	0	15.78
1/2/2012 9:00	21441	5.732	34.06	7.562	8.16	2.914	39.74	9.79	6.368	32.08	30.91	56.24	53.64	0	92.7	26.78	6.402	-0.006	11.92
1/2/2012 10:00	21442	4.266	78.23	26.71	8.16	3.02	75.11	27.06	6.368	38.29	39.05	50.55	45.74	0	280.3	26.85	6.399	-0.003	12.14
1/2/2012 11:00	21443	7.457	132.1	14.87	13.52	5.539	133.6	19.54	9.95	43.59	45.22	38.8	34.1	0	438.6	26.93	6.397	-0.002	14.68
1/2/2012 12:00	21444	8.69	147.5	21.82	15.31	6.317	150.3	25.59	13.52	45.73	47.78	31.33	26.58	0	553.3	26.95	6.392	-0.005	15.79
1/2/2012 13:00	21445	8.39	165.9	21.7	15.31	6.13	170.4	25.03	13.52	47.24	49.29	26.41	21.81	0	611.7	26.94	6.389	-0.003	16.15
1/2/2012 14:00	21446	7.53	171.7	27.2	13.52	5.594	177.1	30.88	11.74	49.39	51.19	23.64	19.17	0	608	26.91	6.382	-0.007	16.33
1/2/2012 15:00	21447	6.521	171.4	29.49	11.74	5.01	176.8	33.87	9.95	51.07	52.6	19.3	15.11	0	544.4	26.89	6.375	-0.007	12.08
1/2/2012 16:00	21448	6.133	168.3	28.05	15.31	4.628	174.7	32.74	11.74	52.36	53.74	17.41	13.34	0	428.1	26.87	6.366	-0.01	12.26
1/2/2012 17:00	21449	5.84	172.7	21.61	9.95	4.283	177.7	23.95	9.95	52.12	53.33	16.97	13.03	0	265.8	26.84	6.36	-0.005	11.81
1/2/2012 18:00	21450	5.637	165.1	9.78	9.95	3.048	162.5	14.59	8.16	49.59	49.44	19.23	16.27	0	74.71	26.8	6.355	-0.006	13.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/2/2012 19:00	21451	4.461	169	14.12	6.368	1.35	125.3	14.77	2.789	44.6	41.15	24.16	24.03	0	0.665	26.75	6.35	-0.005	16.32
1/2/2012 20:00	21452	2.453	191.7	10.87	6.368	0.629	93.5	17.75	2.789	40.64	37.91	28.67	28.12	0	0	26.7	6.346	-0.004	16.16
1/2/2012 21:00	21453	3.248	170.4	16.7	6.368	1.407	108.3	12.12	4.578	39.07	36.92	29.6	28.85	0	0	26.68	6.343	-0.003	12.17
1/2/2012 22:00	21454	3.89	150.4	10.31	6.368	2.129	95.6	7.831	4.578	37.66	34.56	32.05	33.23	0	0	26.66	6.34	-0.003	11.98
1/2/2012 23:00	21455	3.134	135.9	15.04	4.578	1.966	75.35	8.61	4.578	36.91	34.51	32.95	33.76	0	0	26.65	6.341	0.002	12.19
1/3/2012 0:00	21456	1.946	117	19.63	4.578	1.653	63.26	7.751	2.789	35.68	33.71	35.06	37.21	0	0	26.63	6.338	-0.003	11.94
1/3/2012 1:00	21457	0.452	124.5	6.892	2.789	0.425	59.4	9.33	2.789	34.09	31.35	37.73	49.21	0	0	26.61	6.338	0	12.03
1/3/2012 2:00	21458	2.578	204.7	8.37	6.368	0.818	114	9.77	2.789	33.99	29.13	38.19	47.59	0	0	26.58	6.338	0	12.1
1/3/2012 3:00	21459	5.089	196.3	5.754	6.368	0.845	160.8	8.39	2.789	35.92	30.1	34.66	40.19	0	0	26.56	6.338	0	12.06
1/3/2012 4:00	21460	5.533	176.6	8.09	8.16	1.451	152.9	10.23	4.578	35.4	31.76	36.65	37.61	0	0	26.55	6.338	0	16.14
1/3/2012 5:00	21461	4.763	186.9	8.98	8.16	0.599	171.7	9.32	4.578	33.17	30.03	45.54	45.32	0	0	26.53	6.338	0	16.16
1/3/2012 6:00	21462	4.086	186.1	7.05	6.368	0.473	136.8	10.55	2.789	31.25	28.59	53.27	51.52	0	0	26.51	6.339	0	11.9
1/3/2012 7:00	21463	4.918	202.9	7.369	8.16	1.082	213.2	5.921	4.578	30.23	27.17	57.94	58.39	0	0	26.49	6.339	0.001	16.31
1/3/2012 8:00	21464	5.558	211.2	14.54	8.16	2.104	211.9	23.49	4.578	28.31	25.63	61.39	62.06	0	1.438	26.48	6.339	0	12.16
1/3/2012 9:00	21465	5.119	242.7	10.31	8.16	3.125	252.2	14.8	8.16	29.55	28.8	61.89	58.38	0	91.8	26.49	6.342	0.002	12.12
1/3/2012 10:00	21466	6.453	227.5	11.64	11.74	5.342	230.1	12.54	8.16	35.55	35.86	56.28	51.22	0	279.9	26.54	6.333	-0.009	16.28
1/3/2012 11:00	21467	10.35	219.6	9.69	17.1	8.23	222.3	11.3	13.52	45.37	46.01	40.47	36.32	0	437.6	26.59	6.324	-0.009	11.99
1/3/2012 12:00	21468	10.8	210.6	11.6	17.1	8.31	213.8	13.8	13.52	51.62	52.86	32.31	27.81	0	552.3	26.61	6.322	-0.001	16
1/3/2012 13:00	21469	12.34	215.6	10.55	18.89	9.76	218.8	12.41	15.31	55.4	56.67	29.53	24.97	0	610.7	26.59	6.315	-0.008	11.95
1/3/2012 14:00	21470	15.65	224.3	11.89	24.26	12.33	227.3	12.76	20.68	60.13	61.22	25.89	21.6	0	606.4	26.57	6.301	-0.013	12.15
1/3/2012 15:00	21471	15.35	225.5	10.82	24.26	12.1	227.7	12.11	18.89	62.06	62.96	24.85	20.61	0	543.5	26.54	6.289	-0.013	15.03
1/3/2012 16:00	21472	13.96	226.2	10.66	20.68	11.17	228.1	11.86	18.89	64.07	64.65	23.93	19.88	0	425.7	26.52	6.276	-0.013	16.27
1/3/2012 17:00	21473	14.28	221.5	8.73	22.47	10.98	224.2	10.39	18.89	65.43	65.69	23.27	19.49	0	262.6	26.51	6.26	-0.016	11.84
1/3/2012 18:00	21474	9.69	212.6	6.002	17.1	6.407	214.1	9.08	15.31	62.87	62.1	25.88	22.98	0	74.54	26.48	6.252	-0.008	13.45
1/3/2012 19:00	21475	8.73	215.9	6.958	11.74	4.827	219.4	10	8.16	56.28	53.68	32.29	31.36	0	1.158	26.44	6.243	-0.009	12.12
1/3/2012 20:00	21476	7.918	218.6	7.657	11.74	3.982	227.1	15.58	8.16	51.97	49.47	37.43	36.5	0	0.004	26.4	6.239	-0.004	16.1
1/3/2012 21:00	21477	6.954	228.6	11.15	9.95	2.889	252.7	19.9	4.578	48.24	44.43	41.78	42.95	0	0.001	26.37	6.233	-0.006	11.82
1/3/2012 22:00	21478	5.675	237.1	24.19	8.16	1.771	234	50.72	4.578	46	40.7	44.89	48.49	0	0	26.36	6.206	-0.027	16.26
1/3/2012 23:00	21479	7.264	223.7	21.36	11.74	3.326	234.8	26.27	8.16	43.06	39.87	50.14	50.67	0	0	26.36	6.206	0	16.24
1/4/2012 0:00	21480	4.246	217	51.51	11.74	2.241	204	61.62	8.16	39.37	36.69	56.62	56.82	0	0	26.34	6.203	-0.003	12.32
1/4/2012 1:00	21481	3.237	232.8	22.74	6.368	1.44	290.1	51.58	4.578	39.6	35.15	56.05	59.62	0	0	26.33	6.203	0	14.39
1/4/2012 2:00	21482	3.45	268.2	16.78	6.368	1.444	251.1	49.77	4.578	39.36	34.41	57.72	60.71	0	0	26.32	6.201	-0.002	11.94
1/4/2012 3:00	21483	6.758	318.1	43.03	18.89	4.01	319.5	56.7	15.31	40.55	37.52	58.43	58.56	0	0	26.32	6.197	-0.003	11.96
1/4/2012 4:00	21484	11.46	354.8	11.15	22.47	8	354.4	13.2	20.68	45.49	44.63	52.38	49.65	0	0	26.35	6.197	-0.001	13.86
1/4/2012 5:00	21485	17.44	19.01	11.17	27.84	12.43	19.54	12.5	24.26	46.35	45.96	50.32	46.49	0	0.001	26.38	6.198	0.002	15.99
1/4/2012 6:00	21486	13.37	23.18	19.13	27.84	8.09	22.85	21.61	20.68	46.22	45.73	47.81	44.21	0	0.002	26.41	6.188	-0.01	11.93
1/4/2012 7:00	21487	8.78	354.7	16.54	17.1	5.875	353.5	17.41	11.74	42.33	41.12	53.41	50.93	0	0	26.45	6.189	0.001	16.14
1/4/2012 8:00	21488	11.55	15.34	10.52	18.89	8.26	17.3	12.03	15.31	43.39	42.93	50.34	46.56	0	1.177	26.48	6.187	-0.003	16.24
1/4/2012 9:00	21489	13.37	11.15	10.55	22.47	9.29	11.65	15.13	18.89	44.05	43.79	49.27	45.07	0	76.79	26.53	6.18	-0.007	15.23
1/4/2012 10:00	21490	19.2	20.46	9.47	31.42	13.67	21.23	11.36	27.84	47.46	47.47	44.6	40.28	0	279.1	26.59	6.179	-0.001	11.99
1/4/2012 11:00	21491	19.3	29.54	10.9	33.21	11.85	30.54	12.01	29.63	50.08	50.3	39.82	35.58	0	317.9	26.66	6.174	-0.005	14.72
1/4/2012 12:00	21492	18.26	38.41	12.18	27.84	10.74	37.69	12.86	24.26	52.07	52.56	35.77	31.49	0	438.8	26.66	6.167	-0.007	12.13
1/4/2012 13:00	21493	17.38	37.26	11.41	27.84	10.13	37.6	11.7	20.68	54.03	54.42	32.77	28.64	0	387.9	26.66	6.161	-0.006	12.09
1/4/2012 14:00	21494	13.75	46.29	13.49	26.05	8.36	43.79	15.42	18.89	57.49	58.54	28.31	23.98	0	609.2	26.66	6.151	-0.01	14.26
1/4/2012 15:00	21495	12.94	53.03	13.34	24.26	8.37	50.6	15.79	17.1	60.46	61.6	24.46	20.2	0	543.9	26.68	6.14	-0.011	12.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/4/2012 16:00	21496	12.29	43.88	15.23	20.68	7.655	43.14	16.45	17.1	61.2	61.9	22.84	18.83	0	423.6	26.69	6.127	-0.013	11.81
1/4/2012 17:00	21497	9.83	36.12	13.2	15.31	5.947	36.41	13.57	13.52	61.09	61.43	23.21	19.37	0	262.2	26.68	6.118	-0.009	16.32
1/4/2012 18:00	21498	7.342	32.33	10.57	13.52	3.979	34.78	11.76	9.95	58.97	58.72	25.67	22.27	0	74.98	26.67	6.107	-0.011	12.07
1/4/2012 19:00	21499	4.808	27.15	9.75	8.16	1.779	29.72	12.24	4.578	53.58	51.53	30.74	29.74	0	0.779	26.63	6.098	-0.009	15.95
1/4/2012 20:00	21500	3.961	19.62	5.611	6.368	0.559	40.06	6.395	2.789	50.37	46.79	34.88	36.18	0	0.002	26.59	6.096	-0.002	12
1/4/2012 21:00	21501	2.559	13	6.24	6.368	0.563	279.6	39.29	4.578	48.44	43.35	38.09	41.93	0	0	26.58	6.091	-0.005	12.14
1/4/2012 22:00	21502	4.032	315.1	18.54	8.16	1.562	305.8	17.55	4.578	44.35	37.64	44.19	51.08	0	0	26.56	6.089	-0.002	11.94
1/4/2012 23:00	21503	3.804	332	11.79	8.16	0.665	55.82	30.54	4.578	42.31	36.31	47.5	53.77	0	0	26.54	6.086	-0.003	11.98
1/5/2012 0:00	21504	0.948	344.7	12.25	4.578	0.891	114.2	8.84	4.578	40.38	34.47	50.3	56.39	0	0	26.52	6.083	-0.002	11.94
1/5/2012 1:00	21505	2.674	335.4	39.52	8.16	1.489	129.2	62.37	6.368	39.25	33.44	52.65	58.99	0	0	26.51	6.081	-0.002	12.03
1/5/2012 2:00	21506	2.637	336.8	12.23	6.368	0.906	51.47	41.13	6.368	38.29	34.17	56.33	59.62	0	0	26.49	6.081	0	12.36
1/5/2012 3:00	21507	0.246	250.9	16.37	2.789	0.994	90.7	14.08	2.789	36.36	31.59	57.69	64.14	0	0	26.48	6.075	-0.006	16.23
1/5/2012 4:00	21508	1.171	307.8	24.8	4.578	0.146	228.2	15.74	2.789	35.99	29.44	57.53	69.37	0	0	26.46	6.075	0	13.42
1/5/2012 5:00	21509	0.532	14.1	32.65	2.789	1.148	146.9	1.428	4.578	37.13	30.03	55.37	65.79	0	0	26.44	6.075	0	12
1/5/2012 6:00	21510	1.428	328.2	18.76	4.578	0.221	182.6	11.66	2.789	34.9	29.09	59.43	68.67	0	0	26.44	6.075	0	11.92
1/5/2012 7:00	21511	1.055	323.1	11.11	4.578	0.725	142.4	4.848	4.578	33.97	27.7	60.97	69.24	0	0	26.43	6.076	0.001	15.78
1/5/2012 8:00	21512	2.525	320.3	6.087	4.578	0.351	137.7	0.273	2.789	35.88	28.22	56.42	69.17	0	1.438	26.43	6.076	0	16.09
1/5/2012 9:00	21513	1.353	301.1	11.39	4.578	0.719	145.1	7.57	2.789	39.47	32.97	51.15	61.26	0	91.9	26.44	6.078	0.002	12.17
1/5/2012 10:00	21514	4.209	248.5	24.29	11.74	3.118	242	18.43	9.95	43.46	43.61	54.3	50.56	0	281.3	26.51	6.074	-0.004	11.96
1/5/2012 11:00	21515	9.36	212	8.74	15.31	7.313	215.5	11.07	13.52	50	50.81	40.46	36.36	0	442.6	26.58	6.069	-0.005	12.11
1/5/2012 12:00	21516	12.26	217.7	9.97	20.68	9.59	220.2	11.8	15.31	55.59	56.61	32.11	27.91	0	558.9	26.6	6.062	-0.007	12.03
1/5/2012 13:00	21517	13.29	214.7	12.19	18.89	10.32	216.9	13.94	15.31	58.88	60.2	27.42	22.96	0	620.3	26.59	6.06	-0.001	12.42
1/5/2012 14:00	21518	13.36	221.5	13.51	20.68	10.54	224.3	14.58	17.1	61	62.28	24.41	20.03	0	620.3	26.56	6.051	-0.01	12.69
1/5/2012 15:00	21519	13.8	219.3	11.98	20.68	10.66	220.7	13.47	17.1	62.03	63.18	21.37	17.1	0	559.5	26.53	6.041	-0.01	12.22
1/5/2012 16:00	21520	11.96	212.6	12.15	18.89	9.02	215	13.8	15.31	63.22	64.24	17.95	13.85	0	442.3	26.5	6.022	-0.019	13.82
1/5/2012 17:00	21521	11.96	206.2	9.55	18.89	8.57	208.8	11.89	13.52	63.15	63.9	17.8	13.89	0	277.7	26.47	6.007	-0.016	12.09
1/5/2012 18:00	21522	9.23	192.2	10.89	15.31	5.61	193.6	14.8	11.74	59.91	59.28	22.37	19.32	0	83	26.43	5.993	-0.014	16.13
1/5/2012 19:00	21523	8.08	172.5	4.194	9.95	3.114	165.1	7.427	4.578	51.37	46.91	30.72	31.28	0	0.902	26.36	5.962	-0.03	12.08
1/5/2012 20:00	21524	8.41	173.1	4.823	11.74	3.331	170.4	10.11	6.368	47.16	42.97	35.26	36.32	0	0	26.31	5.96	-0.002	12.06
1/5/2012 21:00	21525	7.323	181.1	5.785	9.95	2.039	177.6	10.25	4.578	43.67	39.17	39.38	41.11	0	0	26.27	5.955	-0.005	11.96
1/5/2012 22:00	21526	6.457	204.3	11.5	9.95	2.538	202.9	11.24	6.368	43.29	39.67	40.07	41.31	0	0	26.25	5.952	-0.003	12.01
1/5/2012 23:00	21527	7.131	196.3	14.45	9.95	3.155	197.6	25.31	6.368	42.24	38.97	41.61	42.1	0	0	26.24	5.946	-0.006	12.11
1/6/2012 0:00	21528	8.24	197.5	7.148	13.52	4.284	198.5	12	8.16	41.98	39.26	43.21	43.23	0	0	26.22	5.943	-0.003	12.05
1/6/2012 1:00	21529	7.811	244.7	34.61	18.89	4.508	259.7	46.16	11.74	39.72	37.33	46.3	45.62	0	0	26.2	5.94	-0.003	16.2
1/6/2012 2:00	21530	4.746	278	14.27	6.368	1.91	309.7	8.17	4.578	37.61	32.46	49.04	53.43	0	0	26.17	5.941	0.001	16.37
1/6/2012 3:00	21531	3.91	266.2	17.87	6.368	1.015	310.3	3.022	4.578	38.7	33.15	46.91	52.81	0	0	26.14	5.942	0.001	12.12
1/6/2012 4:00	21532	1.556	273.4	10.42	4.578	0.312	81.4	2.238	2.789	37	31.82	49.24	55.05	0	0	26.12	5.938	-0.003	14.75
1/6/2012 5:00	21533	2.088	260.9	25.73	4.578	0.611	85.8	17.22	4.578	36.08	30.62	50.65	57.55	0	0	26.11	5.942	0.003	11.94
1/6/2012 6:00	21534	2.56	195.1	16.3	6.368	0.969	84.5	13.41	2.789	35.38	31.42	51.66	54.76	0	0	26.09	5.942	0	12.14
1/6/2012 7:00	21535	3.825	223.6	12.14	6.368	0.39	256.5	12.62	2.789	31.8	28.63	58.76	59.98	0	0	26.09	5.939	-0.003	16.1
1/6/2012 8:00	21536	4.269	244.7	18.53	6.368	1.462	279.7	29.32	4.578	29.4	27.14	63.5	62.96	0	1.367	26.07	5.939	0.001	11.93
1/6/2012 9:00	21537	5.28	237.8	12.12	8.16	2.426	247.2	15.19	6.368	31.72	30.9	62.64	58.88	0	93.3	26.08	5.942	0.002	12.15
1/6/2012 10:00	21538	4.732	225.4	20.52	9.95	3.748	227.1	21.17	8.16	40.43	40.88	53.13	48.02	0	282.7	26.15	5.932	-0.01	12.03
1/6/2012 11:00	21539	7.779	224.5	10.99	11.74	5.915	226.5	12.94	9.95	49.87	50.62	39.9	35.4	0	442.4	26.24	5.98	0.048	12.05
1/6/2012 12:00	21540	11.81	258.5	20.23	18.89	9.03	257.8	22.17	15.31	58.77	59.36	26.44	22.62	0	556.7	26.28	5.979	-0.001	12.06

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/6/2012 13:00	21541	13.86	273.1	13.66	20.68	10.67	273.1	17.12	17.1	64.02	64.73	20.21	16.26	0	620	26.27	5.978	-0.001	16.36
1/6/2012 14:00	21542	15.62	279.7	10.52	22.47	11.35	280.1	16.98	20.68	66.8	67.78	16.18	12.12	0	620.8	26.26	5.978	0	11.81
1/6/2012 15:00	21543	14.37	292.2	13.37	26.05	11.41	294.3	17.09	18.89	68.68	69.38	14.76	10.8	0	558.5	26.25	5.975	-0.003	15.36
1/6/2012 16:00	21544	16.24	303.7	11.02	26.05	13.47	306.5	13.18	22.47	69.64	69.9	13.11	9.37	0	439.1	26.25	5.959	-0.016	12.09
1/6/2012 17:00	21545	15.63	317.4	9.42	24.26	12.99	320.3	10.24	22.47	68.56	68.59	15.93	12.29	0	274.2	26.25	5.946	-0.013	12.23
1/6/2012 18:00	21546	10.52	331.1	16.07	18.89	7.893	331	15.74	15.31	66.5	65.87	19.87	16.75	0	82.5	26.26	5.943	-0.003	12.24
1/6/2012 19:00	21547	10.34	349.8	13.78	18.89	6.705	349	12.7	15.31	60.17	58.35	25.33	23.37	0	0.952	26.25	5.936	-0.008	11.81
1/6/2012 20:00	21548	10.22	11.7	8.14	15.31	7.333	11.41	9.28	13.52	55.36	54.49	31.21	28.06	0	0.004	26.23	5.933	-0.002	12.12
1/6/2012 21:00	21549	12.74	14.37	9.42	22.47	9.26	15.22	10.26	17.1	53.53	52.91	34.44	30.95	0	0.002	26.24	5.928	-0.005	16.14
1/6/2012 22:00	21550	14.19	21.26	8.87	22.47	9.85	21.82	10.62	18.89	50.25	49.86	40.4	36.44	0	0.004	26.25	5.922	-0.006	15.87
1/6/2012 23:00	21551	13.52	34.04	11.18	22.47	7.841	35.44	11.5	17.1	47.22	46.9	47.19	42.92	0	0.001	26.27	5.915	-0.006	12.04
1/7/2012 0:00	21552	14.97	28.29	9.85	26.05	8.84	30.54	11.38	18.89	44.48	44.26	54.58	49.91	0	0	26.28	5.912	-0.003	11.99
1/7/2012 1:00	21553	14.92	24.92	9.83	22.47	9.44	26.58	11.13	20.68	41.84	41.66	60.14	55.24	0	0	26.28	5.904	-0.008	11.97
1/7/2012 2:00	21554	12.1	22.59	9.93	20.68	8.05	23.82	11.82	17.1	39.31	39.16	64.55	59.39	0	0	26.28	5.902	-0.002	12.05
1/7/2012 3:00	21555	11.33	19.34	9.79	17.1	8.22	19.55	11.02	15.31	37.01	36.89	68.18	62.82	0	0	26.27	5.898	-0.003	11.84
1/7/2012 4:00	21556	10.59	13.57	10.72	17.1	7.882	14.64	11.54	13.52	35.88	35.8	69.57	64.07	0	0	26.27	5.895	-0.003	15.91
1/7/2012 5:00	21557	9.42	0.551	18.78	15.31	6.939	359.4	20.01	13.52	34.67	34.5	70.53	65.17	0	0	26.28	5.892	-0.003	15.69
1/7/2012 6:00	21558	9.1	345.3	10.9	15.31	6.572	344.8	13.3	11.74	32.72	32.4	71.25	66.39	0	0	26.28	5.893	0.001	12.13
1/7/2012 7:00	21559	5.56	301.2	30.32	11.74	3.54	295.7	39.56	9.95	29.71	29.11	76.06	70.59	0	0	26.28	5.894	0.001	15.68
1/7/2012 8:00	21560	6.927	332.1	10.53	11.74	4.361	328.1	15.7	9.95	28.75	27.97	78.12	73.41	0	1.636	26.27	5.891	-0.003	11.93
1/7/2012 9:00	21561	7.965	352.4	16.53	13.52	5.953	350.4	19.08	11.74	31.94	31.68	71.65	66.3	0	88.6	26.28	5.891	0	11.92
1/7/2012 10:00	21562	8.23	20.71	15.63	15.31	5.769	22.13	16.5	11.74	37.91	38.26	58.09	52.54	0	276.6	26.34	5.892	0.001	15.03
1/7/2012 11:00	21563	6.68	60.49	18.34	11.74	4.764	57.71	21.96	9.95	42.49	43.69	46.87	41.44	0	440.7	26.41	5.889	-0.002	16.2
1/7/2012 12:00	21564	4.055	81.1	42.39	9.95	3.051	69.82	47.53	9.95	48.31	49.53	37.98	33.16	0	546	26.44	5.888	-0.001	12.04
1/7/2012 13:00	21565	5.158	202.2	45.66	11.74	4.132	208.2	47.9	9.95	51.57	52.44	34.46	29.63	0	581.3	26.44	5.883	-0.005	11.82
1/7/2012 14:00	21566	5.44	209.1	31.32	11.74	4.329	212.6	30.78	9.95	52.36	53.43	34.67	29.52	0	538.9	26.41	5.883	0	15.94
1/7/2012 15:00	21567	6.804	204.7	28.17	13.52	5.376	210	29.51	11.74	53.73	54.82	34.05	28.86	0	516.3	26.37	5.877	-0.006	12.08
1/7/2012 16:00	21568	7.872	187.7	19.91	15.31	5.85	194	21.88	13.52	54.52	55.79	34.05	28.81	0	388.6	26.34	5.871	-0.005	12.04
1/7/2012 17:00	21569	8.73	182.7	14.83	13.52	6.1	186.2	18.59	11.74	53.6	54.45	35.83	30.99	0	179.6	26.31	5.863	-0.009	15.94
1/7/2012 18:00	21570	7.02	177.3	10.42	13.52	3.959	178.5	15.69	11.74	50.88	50.29	39.6	36.01	0	46.84	26.27	5.854	-0.009	12.01
1/7/2012 19:00	21571	7.17	169.1	5.734	9.95	2.856	166.2	8.93	4.578	47.89	44.24	43.56	43.81	0	0.607	26.23	5.849	-0.005	16.42
1/7/2012 20:00	21572	7.218	173.7	6.991	9.95	2.946	172	11.6	4.578	45.52	42.55	47.88	47.81	0	0	26.2	5.849	0	11.92
1/7/2012 21:00	21573	7.97	182.8	6.252	11.74	3.839	182.8	11.8	6.368	44.05	42.39	51.84	49.91	0	0	26.18	5.847	-0.002	15.94
1/7/2012 22:00	21574	6.767	185.2	7.848	9.95	2.957	175.8	13.92	6.368	43.01	40.93	55.2	53.83	0	0	26.18	5.844	-0.003	12.65
1/7/2012 23:00	21575	4.136	178.3	13.28	9.95	1.261	160.1	19.46	4.578	43.22	41.01	54.46	53.34	0	0	26.18	5.841	-0.003	16.35
1/8/2012 0:00	21576	6.243	162.5	5.189	9.95	2.221	143.9	12.66	4.578	41.31	37.76	56.93	57.69	0	0	26.18	5.838	-0.003	11.93
1/8/2012 1:00	21577	6.594	95.6	27.32	9.95	3.712	75.21	14.28	8.16	39.47	36.8	59.31	59.35	0	0	26.17	5.838	0	14.5
1/8/2012 2:00	21578	8.41	61.4	7.532	11.74	4.945	60.61	10.4	9.95	38.08	36.02	61.89	60.81	0	0	26.15	5.838	0	16.45
1/8/2012 3:00	21579	9.46	63.07	5.723	11.74	5.781	62.22	10.95	9.95	36.54	35.25	63.94	61.39	0	0	26.15	5.835	-0.003	12.09
1/8/2012 4:00	21580	8.93	70.22	7.853	11.74	5.282	65.75	12.58	9.95	35.88	34.57	65.19	62.5	0	0	26.14	5.832	-0.003	16.25
1/8/2012 5:00	21581	9.73	65.56	5.483	11.74	5.891	62.12	11.39	9.95	34.8	33.38	66.55	64.06	0	0	26.14	5.835	0.003	12.63
1/8/2012 6:00	21582	9.52	67.54	6.622	11.74	5.711	62.29	11.46	9.95	34.54	33.1	66.68	64.2	0	0	26.13	5.833	-0.002	14.75
1/8/2012 7:00	21583	9.89	62.09	6.292	13.52	5.954	60.43	11.34	9.95	34.23	32.98	67.18	64.3	0	0	26.14	5.832	0	11.94
1/8/2012 8:00	21584	8.79	53.69	9.2	13.52	5.073	54.61	13.08	8.16	33.93	32.67	68.12	65.04	0	0.72	26.14	5.833	0.001	11.94
1/8/2012 9:00	21585	10.13	46.3	8.03	15.31	5.628	44.1	11.13	9.95	33.56	33.23	68.89	64.15	0	34.75	26.16	5.835	0.002	15.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/8/2012 10:00	21586	12.71	37.08	10.23	20.68	7.313	37.44	11.19	17.1	34.3	34.41	69.65	63.94	0	140.6	26.2	5.832	-0.004	15.19
1/8/2012 11:00	21587	13.99	57.28	11.57	22.47	9.29	56.04	15.09	17.1	30.53	39.3	64.87	58.63	0	332.5	26.25	5.831	-0.001	12.11
1/8/2012 12:00	21588	14.33	66.39	10.2	20.68	10.02	65.71	15.6	15.31	24.29	44.76	58.18	50.96	0	553.2	26.3	5.83	-0.001	12.5
1/8/2012 13:00	21589	12.8	67.99	11.81	18.89	8.92	66.42	17.25	17.1	27.52	48.51	52.84	45.62	0	613.1	26.32	5.828	-0.002	12.04
1/8/2012 14:00	21590	10.83	67.91	15.11	17.1	7.689	65.63	19.94	13.52	34.99	51.81	47.91	41.24	0	613.1	26.32	5.825	-0.003	12.06
1/8/2012 15:00	21591	12.72	67.75	13.31	20.68	8.9	66.37	18.12	17.1	35.67	54.26	45.38	38.86	0	550.9	26.31	5.818	-0.006	12.21
1/8/2012 16:00	21592	15.8	69.25	10.66	24.26	10.85	67.9	15.91	18.89	36.55	54.01	45.95	39.7	0	432.3	26.3	5.812	-0.006	12.08
1/8/2012 17:00	21593	15.93	70.11	10.22	22.47	10.78	69.05	16.22	20.68	37.46	52.06	49.15	43.23	0	242	26.3	5.796	-0.016	15.6
1/8/2012 18:00	21594	15.73	67.51	8.11	24.26	10.77	66.54	14.12	20.68	49.4	49.73	55.19	49.77	0	89.9	26.29	5.79	-0.006	12.38
1/8/2012 19:00	21595	15.39	71.16	9.03	24.26	10.15	69.97	14.75	18.89	47.21	47.06	60.88	55.88	0	0.414	26.29	5.779	-0.011	16.22
1/8/2012 20:00	21596	17.29	72.94	8.4	33.21	11.17	71.64	15.37	22.47	45.2	44.9	66.16	61.16	0	0.003	26.28	5.776	-0.003	12.05
1/8/2012 21:00	21597	20.78	64.76	8.55	33.21	14.28	64.3	13.65	27.84	44.5	44.5	71.55	65.78	0	0.004	26.3	5.773	-0.003	12.04
1/8/2012 22:00	21598	16.23	52.02	11.22	29.63	10.03	50.28	14.04	20.68	44.14	44.12	69	63.48	0	0.004	26.32	5.77	-0.003	12.02
1/8/2012 23:00	21599	17.25	40.88	9.71	27.84	9.9	40.04	11.47	22.47	43.71	43.7	64.6	59.28	0	0.002	26.34	5.763	-0.006	12.45
1/9/2012 0:00	21600	17.3	48.2	10.09	27.84	10.31	45.94	13.37	22.47	43.18	43.16	63.45	58.19	0	0.002	26.35	5.76	-0.003	15.93
1/9/2012 1:00	21601	17.69	42.51	11.49	38.57	10.26	41.21	12.46	20.68	41.94	41.96	61.02	55.82	0	0.002	26.35	5.754	-0.006	15.83
1/9/2012 2:00	21602	17.3	34.91	10.63	29.63	10.17	35.58	11.41	22.47	38.48	38.47	64.66	59.66	0	0	26.36	5.736	-0.018	16.32
1/9/2012 3:00	21603	12.85	27.89	11.02	22.47	7.967	28.91	12.08	18.89	26.49	33.48	85.6	80.1	0	0	26.35	5.737	0	12.63
1/9/2012 4:00	21604	13.11	29.44	12.71	22.47	8.19	30.76	13.3	18.89	12.61	32.65	90.2	83.7	0.01	0	26.32	5.737	0	15.54
1/9/2012 5:00	21605	11.21	23.81	9.74	20.68	7.666	24.27	11.75	17.1	11.43	32	92.4	85.2	0.01	0	26.33	5.743	0.007	13.25
1/9/2012 6:00	21606	11.22	20.02	9.86	17.1	8.13	21.29	11.24	15.31	10.95	31.69	92.1	85.3	0	0	26.33	5.756	0.013	12.56
1/9/2012 7:00	21607	12.11	7.787	12.54	18.89	9.08	9.37	13.36	17.1	11.12	30.87	90.7	84	0	0	26.34	5.756	0	11.96
1/9/2012 8:00	21608	12.96	6.244	12.07	20.68	9.68	8.06	13.38	18.89	11.73	30.82	87.2	81.6	0	0.213	26.34	5.757	0.001	12.14
1/9/2012 9:00	21609	8.58	1.748	14.21	17.1	6.189	2.098	17.89	13.52	11.48	31.07	84.3	78.84	0	6.123	26.37	5.757	0	16.09
1/9/2012 10:00	21610	11.98	1.709	13.95	20.68	8.72	3.378	15.91	17.1	9.46	30.07	89.4	81.8	0.01	27.42	26.39	5.805	0.048	16.16
1/9/2012 11:00	21611	10.75	7.145	15.23	20.68	7.639	9.01	16.26	17.1	9.63	29.78	91.2	83.4	0.01	29.28	26.42	5.865	0.061	12.09
1/9/2012 12:00	21612	11.99	2.372	14.14	18.89	8.36	4.34	14.46	15.31	9.96	30.21	91.6	83.9	0.01	70.74	26.43	6.087	0.222	12.11
1/9/2012 13:00	21613	14.3	346.7	9.88	20.68	10.37	346.7	12.24	15.31	9.72	30.27	91	83.4	0.07	116.3	26.41	6.203	0.116	11.97
1/9/2012 14:00	21614	14.41	348.1	9.91	20.68	9.54	347.1	13.39	17.1	10.25	30.81	90.1	82.3	0.06	164.9	26.38	6.257	0.054	12.12
1/9/2012 15:00	21615	10.87	355.5	12.37	17.1	6.739	356	13.4	11.74	10.9	31.07	90.6	82.7	0.06	117.4	26.36	6.371	0.114	11.98
1/9/2012 16:00	21616	10.88	338	8.81	15.31	7.847	338.2	10.83	13.52	11.01	31.33	90.7	83	0.04	145.5	26.35	6.489	0.117	12.15
1/9/2012 17:00	21617	12.15	331.6	5.719	17.1	9.46	333.4	7.931	13.52	11.49	31.42	90.5	82.8	0.06	145.5	26.36	6.52	0.032	12.11
1/9/2012 18:00	21618	10.13	331.9	5.99	15.31	7.88	333.7	7.394	13.52	11.43	31.23	90.9	83.2	0.04	59.39	26.36	6.52	0	14.95
1/9/2012 19:00	21619	7.896	334.3	10.94	13.52	5.906	335.5	12.48	9.95	11.37	31.36	91.6	84.1	0.01	0.97	26.35	6.521	0	16.15
1/9/2012 20:00	21620	5.916	306.6	11.19	9.95	4.419	308.3	12.32	8.16	13.88	31.84	92.2	84.6	0.02	0	26.34	6.52	0	13.22
1/9/2012 21:00	21621	4.758	296.9	13.26	8.16	3.216	299.3	15.91	6.368	14.1	31.62	92.1	85	0.01	0	26.33	6.521	0.001	15.65
1/9/2012 22:00	21622	3.707	284.4	8.84	4.578	1.43	277.3	9.64	2.789	12.83	30.98	91.9	85	0.02	0	26.32	6.521	0	12.13
1/9/2012 23:00	21623	5.376	273.1	9.88	9.95	2.807	270.1	12.04	6.368	9.01	29.25	92.3	85.2	0	0	26.32	6.522	0.001	12.33
1/10/2012 0:00	21624	4.122	249	19	9.95	1.508	247.7	20.94	6.368	8.53	26.87	92.8	84.8	0	0	26.32	6.522	0	16.37
1/10/2012 1:00	21625	4.365	217.3	12.28	8.16	1.551	224.8	10.21	6.368	5.423	24.67	91.7	83.6	0	0	26.3	6.522	0	12.02
1/10/2012 2:00	21626	4.605	223	9.41	8.16	2.722	228.4	9.02	6.368	4.547	25.32	91.2	83.5	0	0	26.29	6.522	0	16.15
1/10/2012 3:00	21627	3.994	238	11.14	6.368	1.959	243.6	12.28	4.578	3.533	24.07	90.5	82.6	0	0	26.27	6.523	0	15.72
1/10/2012 4:00	21628	3.847	271.6	12.2	6.368	1.679	287.6	10.57	4.578	2.144	21.71	89.6	81.2	0	0	26.25	6.52	-0.003	16.08
1/10/2012 5:00	21629	4.769	301.6	13.13	9.95	2.418	296.5	14.35	8.16	2.171	21.48	90	81.2	0	0	26.23	6.521	0.001	14.8
1/10/2012 6:00	21630	8.74	314.6	6.841	13.52	6.513	316.3	7.307	11.74	4.486	24.36	90.9	82.6	0	0	26.21	6.521	-0.001	11.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/10/2012 7:00	21631	9.95	320	7.458	15.31	7.545	323.5	8.87	11.74	4.813	24.75	91	82.8	0	0	26.22	6.523	0.003	11.81
1/10/2012 8:00	21632	10.73	314.4	6.111	15.31	8.18	317.4	6.744	11.74	4.46	24.1	90.1	82.2	0	1.35	26.23	6.52	-0.003	13.66
1/10/2012 9:00	21633	10.28	314.6	6.158	15.31	7.543	317.3	6.526	11.74	4.424	24.88	84.7	77.61	0	96.1	26.23	6.523	0.003	11.87
1/10/2012 10:00	21634	11.2	314.6	6.177	15.31	8.32	317.2	7.098	11.74	6.959	28.29	77.05	69.48	0	305.7	26.26	6.521	-0.002	12.33
1/10/2012 11:00	21635	10.49	309.4	6.515	15.31	8.34	311.8	7.629	13.52	10.99	32.64	72.36	63.81	0	458.8	26.31	6.523	0.003	12.42
1/10/2012 12:00	21636	9.51	309.7	7.166	13.52	7.825	314.3	8.47	11.74	14.57	36.04	71.75	63.72	0	582	26.32	6.255	-0.269	15.77
1/10/2012 13:00	21637	9	306.9	7.284	13.52	7.093	310.1	8.94	11.74	19.14	40.34	67.74	61.47	0	647.4	26.32	6.254	-0.001	13.51
1/10/2012 14:00	21638	5.907	283	12.33	9.95	4.702	281.9	15.8	8.16	23.31	45.29	62.53	55.69	0	647.3	26.32	6.326	0.071	12.02
1/10/2012 15:00	21639	6.019	269.9	13.23	9.95	4.568	269.8	15.85	8.16	25.95	47.95	59.5	52.92	0	579.2	26.32	6.513	0.187	12.08
1/10/2012 16:00	21640	5.525	256.2	9.25	9.95	4.428	252.5	9.89	8.16	27.93	48.83	59.75	54.78	0	454.1	26.3	6.513	0	12.06
1/10/2012 17:00	21641	4.701	237.7	11.66	8.16	3.222	232.7	13.45	6.368	29.19	50.27	58.71	53.41	0	285.2	26.29	6.513	0	11.97
1/10/2012 18:00	21642	2.738	216.9	17.97	6.368	0.906	201	26.25	4.578	27.92	48.59	60.62	55.91	0	91.7	26.27	6.513	0	16.11
1/10/2012 19:00	21643	4.093	228.1	10.35	8.16	0.668	247.2	18.92	4.578	22.72	40.63	70.91	69.56	0	1.377	26.21	6.512	-0.001	16.09
1/10/2012 20:00	21644	4.717	237.8	11.79	6.368	0.979	286.7	12.23	4.578	19.96	37.25	76.5	76.36	0	0	26.16	6.514	0.002	11.96
1/10/2012 21:00	21645	4.275	240.4	12.64	6.368	0.768	304.2	6.377	4.578	18.1	35.26	75.91	80.4	0	0	26.13	6.511	-0.003	11.96
1/10/2012 22:00	21646	4.29	267	11.43	6.368	0.991	314.4	12.16	2.789	18.13	34.86	72.67	76.4	0	0	26.11	6.511	0	12.04
1/10/2012 23:00	21647	4.844	292.5	15.48	8.16	1.053	292.9	7.155	4.578	16.97	33.31	73.68	77.49	0	0	26.1	6.513	0.002	11.97
1/11/2012 0:00	21648	6.099	318.8	6.876	8.16	2.478	313.2	8.43	6.368	16.8	33.78	72.31	74.64	0	0	26.08	6.512	0	12.02
1/11/2012 1:00	21649	7.376	309.6	12.36	13.52	4.221	310.4	16.78	9.95	16.25	35.36	72.76	71.52	0	0	26.07	6.512	0	12.07
1/11/2012 2:00	21650	9.01	300.9	11.15	13.52	5.61	298	22.29	9.95	16.93	36.49	67.75	66.16	0	0	26.06	6.514	0.002	12.18
1/11/2012 3:00	21651	4.967	283.8	17.45	9.95	2.284	258.8	24.71	8.16	13.81	33.72	73.94	71.17	0	0	26.04	6.511	-0.003	12.03
1/11/2012 4:00	21652	7.46	303.5	6.926	11.74	3.694	298.5	16.3	6.368	13.34	32.35	72.33	71.56	0	0	26.03	6.513	0.002	11.97
1/11/2012 5:00	21653	3.434	263.8	30.29	8.16	1.593	203.2	42.24	4.578	12.23	29.57	73.18	73.94	0	0	26.01	6.513	0	14.85
1/11/2012 6:00	21654	3.931	275.7	19.99	8.16	0.551	200.1	25.49	4.578	12.38	27.41	73.6	77.89	0	0	25.99	6.513	0	16.11
1/11/2012 7:00	21655	7.89	264.2	12.18	17.1	3.557	257.1	19.91	11.74	16.06	31.96	67.4	72.02	0	0	25.98	6.513	0	12.07
1/11/2012 8:00	21656	11.31	265.2	8.69	18.89	6.996	264.2	13.22	13.52	18.92	38.57	63.18	61.7	0	1.755	26	6.517	0.004	15.87
1/11/2012 9:00	21657	10.98	279.1	13.43	22.47	7.507	281.9	18.46	18.89	22.84	42.64	56.47	54.1	0	87.8	26.02	6.517	-0.001	11.96
1/11/2012 10:00	21658	11.24	277.3	11.02	22.47	7.802	278	14.18	18.89	32.31	48.34	49.41	46.16	0	315.8	26.08	6.518	0.001	12.02
1/11/2012 11:00	21659	12.25	275.7	8.79	20.68	8.45	277.2	12.27	15.31	30.41	49.99	48.48	45.46	0	367	26.14	6.516	-0.002	12.12
1/11/2012 12:00	21660	10.85	280.6	10.31	17.1	7.702	281.6	13.89	13.52	33.32	52.27	48.33	45.11	0	607.2	26.16	6.516	0	12
1/11/2012 13:00	21661	6.631	304.5	13.79	11.74	4.888	309.3	15.97	9.95	36.24	53.15	49.64	46.65	0	522.5	26.16	6.516	0	16.04
1/11/2012 14:00	21662	11.73	320.7	13.4	24.26	8.71	322.6	16.47	17.1	38.81	55.94	44.23	41.78	0	630.6	26.17	6.517	0.001	15.42
1/11/2012 15:00	21663	11.8	333.8	8.59	18.89	9.19	334.4	9.35	15.31	54.3	54.7	43.95	42.7	0	335	26.17	6.515	-0.002	16.19
1/11/2012 16:00	21664	18.6	14.1	11.69	29.63	13.86	15.93	12.84	26.05	52.55	52.29	47.4	44.35	0	314.8	26.16	6.516	0.001	12.06
1/11/2012 17:00	21665	17.95	22.05	9.41	29.63	12.25	23.17	11.27	26.05	49.68	49.59	53.46	49.96	0	191.8	26.15	6.516	0.001	11.8
1/11/2012 18:00	21666	15.51	24.32	9.32	26.05	10.22	24.37	11.59	20.68	27.8	46.65	58.75	54.89	0	57.72	26.16	6.518	0.002	16.36
1/11/2012 19:00	21667	14.04	30.7	11.24	24.26	8.3	32.97	11.61	20.68	23.28	43.04	64.67	60.49	0	0.856	26.18	6.515	-0.003	12.08
1/11/2012 20:00	21668	16.06	36.2	10.48	33.21	9.49	37.95	10.96	24.26	19.28	39.54	66.72	62.2	0	0	26.2	6.516	0.002	15.74
1/11/2012 21:00	21669	17.57	34.1	11.07	27.84	10.31	34.89	11.57	22.47	16	36.76	68.26	63.72	0	0	26.21	6.517	0.001	11.97
1/11/2012 22:00	21670	18.5	30.96	11.04	31.42	11.21	32.28	12.23	26.05	13.07	34.37	68.78	64.04	0	0	26.24	6.517	0	12.07
1/11/2012 23:00	21671	21.43	28.73	10.56	34.99	12.89	30.14	12.03	29.63	10.2	31.84	68.62	63.85	0	0	26.27	6.518	0.001	16.23
1/12/2012 0:00	21672	16.38	29.92	10.84	34.99	9.94	30.92	11.65	24.26	8.59	30.32	70.47	65.42	0	0	26.29	6.516	-0.002	11.99
1/12/2012 1:00	21673	11.34	24.55	12.12	26.05	7.48	24.78	13.01	26.05	8.08	29.23	73.09	67.82	0	0	26.3	6.516	0	11.98
1/12/2012 2:00	21674	6.978	6.221	14.64	15.31	4.944	4.567	17.19	11.74	7.089	28.74	72.98	68.1	0	0	26.34	6.516	0	15.77
1/12/2012 3:00	21675	11.43	23.06	8.97	17.1	7.776	23.1	10.89	15.31	6.7	28.45	70.66	65.57	0	0	26.36	6.516	0	12.06

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/12/2012 4:00	21676	9.53	17.64	10.39	15.31	7.068	17.45	10.95	13.52	5.045	27.03	75.73	69.94	0	0	26.37	6.516	0	12.12	
1/12/2012 5:00	21677	11.17	35.88	11.59	20.68	6.556	36.95	11.37	15.31	4.524	26.46	72.28	67.04	0	0	26.36	6.516	0	12.28	
1/12/2012 6:00	21678	7.797	24.75	14.4	13.52	5.137	25.23	16.07	11.74	2.433	24.76	73.7	68.03	0	0	26.36	6.517	0.001	12.15	
1/12/2012 7:00	21679	4.377	18.48	15.13	9.95	2.737	16.44	17.11	8.16	0.791	23.15	78.06	72.3	0	0	26.37	6.517	0.001	11.89	
1/12/2012 8:00	21680	4.675	21.65	12.67	8.16	2.905	24.09	13.75	8.16	0.533	23.12	72.53	67.45	0	0.814	26.39	6.515	-0.003	16.32	
1/12/2012 9:00	21681	5.263	17.24	12.99	9.95	3.669	17.02	13.58	8.16	1.019	23.47	64.42	59.88	0	67.36	26.41	6.517	0.003	15.57	
1/12/2012 10:00	21682	2.484	11.5	64.27	8.16	1.567	351.9	53.82	4.578	7.78	29.56	47.55	43.22	0	302	26.46	6.518	0	15.99	
1/12/2012 11:00	21683	1.993	300.5	38.37	6.368	1.541	301	34.56	6.368	10.9	32.8	41.49	37.79	0	459.4	26.54	6.518	0.001	11.93	
1/12/2012 12:00	21684	3.046	34.62	59.89	6.368	2.345	26.91	57.3	6.368	17.06	34.08	41.71	38.16	0	590.7	26.57	6.517	-0.002	11.98	
1/12/2012 13:00	21685	3.316	215.5	68.27	9.95	2.459	215.3	64.7	8.16	35.8	36.33	40.65	37.08	0	622.5	26.56	6.513	-0.004	12.05	
1/12/2012 14:00	21686	5.286	225.3	34.68	13.52	4.114	227.2	35.92	9.95	35.99	36.82	42.35	38.82	0	622.6	26.52	6.503	-0.01	13.26	
1/12/2012 15:00	21687	7.852	217.6	25.29	15.31	6.167	220.1	25.56	11.74	36.55	37.59	44.93	41.59	0	605.3	26.5	6.504	0	16.14	
1/12/2012 16:00	21688	7.653	220.9	16.42	15.31	5.929	221.8	17.62	11.74	36.55	37.17	45.15	42.24	0	267	26.46	6.505	0.001	15.76	
1/12/2012 17:00	21689	9.26	215.7	9.59	13.52	6.96	218.5	11.98	11.74	36.61	37.09	45.2	42.89	0	202.7	26.41	6.502	-0.003	15.56	
1/12/2012 18:00	21690	7.141	221.8	9.04	13.52	5.006	224	10.4	9.95	36.98	37.04	43.39	41.66	0	93.3	26.39	6.504	0.002	12.04	
1/12/2012 19:00	21691	4.86	198.2	8.7	8.16	1.87	191.7	11.93	6.368	34.59	33.17	51.61	51.52	0	1.033	26.36	6.504	0.001	15.67	
1/12/2012 20:00	21692	6.52	201.2	6.676	9.95	3.74	202.9	10.44	6.368	33.07	32.19	58.08	56.97	0	0	26.34	6.501	-0.003	16.14	
1/12/2012 21:00	21693	6.968	210.8	5.995	9.95	4.321	212.8	9.23	6.368	31.82	31.23	61.48	59.78	0	0	26.33	6.503	0.002	15.36	
1/12/2012 22:00	21694	4.484	221.4	9.48	8.16	1.833	227.6	11.59	6.368	30.71	30.16	64	62.45	0	0	26.32	6.503	0	15.41	
1/12/2012 23:00	21695	4.61	228.7	8.61	6.368	1.424	233.4	12.01	4.578	29.91	29.13	67.79	66.5	0	0	26.32	6.503	0	12.12	
1/13/2012 0:00	21696	4.404	235.9	10.37	6.368	1.698	238.6	11.78	4.578	29.64	29.11	71.59	69.18	0	0	26.32	6.503	0	12.09	
1/13/2012 1:00	21697	4.021	234.8	17.68	6.368	1.292	220.7	23.28	4.578	29.88	28.83	71.82	71.4	0	0	26.31	6.503	0	12.2	
1/13/2012 2:00	21698	4.594	231.7	17.04	6.368	1.742	236.4	29.35	4.578	30.05	28.64	69.08	70.63	0	0	26.3	6.503	0	16.09	
1/13/2012 3:00	21699	5.179	273.4	22	8.16	2.421	283.5	23.13	4.578	30.07	28.95	68.36	68.77	0	0	26.31	6.503	0	11.92	
1/13/2012 4:00	21700	5.308	301.3	13.5	8.16	2.657	300.9	17.98	4.578	29.66	28.91	68.44	67.61	0	0	26.32	6.503	0	11.94	
1/13/2012 5:00	21701	4.88	300	10.15	6.368	1.613	291.9	15.55	4.578	29.32	28.52	67.19	67.25	0	0	26.31	6.503	0	12.43	
1/13/2012 6:00	21702	4.567	284.4	21.85	6.368	1.785	277.6	37.32	4.578	14.26	26.77	68.5	69.23	0	0	26.31	6.503	0	12.11	
1/13/2012 7:00	21703	4.195	310.7	13.2	8.16	1.056	310	12.26	4.578	6.168	25.48	71.01	72.35	0	0	26.31	6.501	-0.002	15.82	
1/13/2012 8:00	21704	3.866	309.2	11.47	6.368	0.339	289.8	24.37	2.789	5.814	23.84	69.42	73.7	0	1.164	26.29	6.502	0.001	16.18	
1/13/2012 9:00	21705	4.397	318.2	11.91	8.16	1.835	324	11.32	6.368	8.97	29.14	66.07	64.3	0	94.4	26.32	6.504	0.002	16.32	
1/13/2012 10:00	21706	3.933	294.4	18.03	6.368	2.775	296.2	21.18	6.368	14.04	36.07	60.55	54.81	0	288.7	26.4	6.504	0	12.1	
1/13/2012 11:00	21707	6.693	238.9	23.11	11.74	5.291	240.1	23.9	9.95	17.69	39.36	51.06	46.79	0	461	26.47	6.502	-0.002	16.16	
1/13/2012 12:00	21708	8.3	239.6	18.05	13.52	6.444	238.8	19.77	11.74	20.35	42.32	43.29	40.05	0	585.5	26.5	6.475	-0.027	12.03	
1/13/2012 13:00	21709	9.51	265.6	18.49	17.1	7.395	265.1	20.81	15.31	43	46.1	33.71	31.64	0	652.6	26.49	6.478	0.003	12.09	
1/13/2012 14:00	21710	9.95	281.7	16.01	17.1	7.824	281.6	20.81	13.52	47.79	48.64	29.65	27.89	0	654.7	26.47	6.478	0	11.93	
1/13/2012 15:00	21711	9.27	272.8	16.13	15.31	6.983	273.3	20.84	13.52	49.48	50.39	30.73	28.77	0	591.3	26.46	6.478	0	11.97	
1/13/2012 16:00	21712	7.921	268	19.19	13.52	6.041	267.1	23.34	11.74	52.06	52.62	27.63	25.77	0	469.7	26.46	6.478	0	12.06	
1/13/2012 17:00	21713	8.4	270	16.18	13.52	6.209	269.5	19.79	11.74	53.3	53.77	23.1	21.37	0	301	26.46	6.475	-0.003	12.18	
1/13/2012 18:00	21714	6.954	254.6	10.44	11.74	4.729	252.6	12.97	9.95	52.15	51.89	24.04	22.61	0	103	26.45	6.468	-0.006	16.29	
1/13/2012 19:00	21715	4.474	250.6	9.04	8.16	0.998	248.2	5.147	4.578	46.09	43.13	32.07	33.98	0	1.79	26.43	6.47	0.002	12.05	
1/13/2012 20:00	21716	2.077	237.3	11.42	4.578	0.126	160.1	2.729	2.789	41.69	38.16	36.71	39.42	0	0	26.39	6.469	-0.001	13.83	
1/13/2012 21:00	21717	2.828	188.9	45.45	6.368	2.002	132.1	21.71	4.578	39.2	35.36	39.93	45.43	0	0	26.37	6.466	-0.003	11.95	
1/13/2012 22:00	21718	4.278	256	24.22	6.368	1.468	317.1	33.37	4.578	37.35	33.25	43.99	49.51	0	0	26.36	6.468	0.002	11.98	
1/13/2012 23:00	21719	3.75	255.5	11.2	6.368	0.208	290.3	4.95	2.789	36.76	31.7	43.01	52.97	0	0	26.36	6.465	-0.003	12.03	
1/14/2012 0:00	21720	5.184	253.3	12.02	8.16	1.044	285.3	12.42	4.578	36.05	30.68	44.08	52.77	0	0	26.36	6.462	-0.003	15.89	

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/14/2012 1:00	21721	4.502	251.4	8.11	8.16	0.353	277.4	8.83	2.789	35.14	29.84	45.37	54.31	0	0	26.36	6.462	0	12.13
1/14/2012 2:00	21722	3.812	254.4	17.16	6.368	0.37	268.3	16.24	2.789	34.23	29.99	48.64	53.63	0	0	26.36	6.462	0	11.98
1/14/2012 3:00	21723	3.509	286.5	12.55	6.368	0.745	323.9	9.92	2.789	34.15	30.13	49.32	54.36	0	0	26.37	6.462	0	12.12
1/14/2012 4:00	21724	2.791	274.6	20.08	4.578	0.123	330.3	5.696	2.789	33.93	28.9	49.68	55.85	0	0	26.36	6.463	0.001	15.72
1/14/2012 5:00	21725	3.387	281.7	15.28	8.16	0.946	319.4	6.338	6.368	33.54	28.4	50.43	58.68	0	0	26.35	6.463	0	12.06
1/14/2012 6:00	21726	3.85	269.3	15.44	6.368	1.319	313.7	6.825	4.578	32.6	28.63	52.3	56.65	0	0	26.36	6.463	0	16.24
1/14/2012 7:00	21727	3.632	315.9	11.64	6.368	1.073	356.5	36.54	4.578	33.73	28.72	48.62	57.77	0	0	26.38	6.463	0	11.9
1/14/2012 8:00	21728	5.229	309.1	25.7	8.16	2.853	309.9	42.89	6.368	32.62	28.57	51.74	56.34	0	1.56	26.39	6.463	0	16.07
1/14/2012 9:00	21729	4.178	291.5	23.04	9.95	1.88	264.3	24.8	6.368	32.08	30.66	54.21	53.27	0	96.6	26.41	6.462	-0.001	16.04
1/14/2012 10:00	21730	5.073	288	23.62	9.95	3.539	282.8	28.84	8.16	40.69	41	45.54	42.97	0	295.5	26.48	6.462	-0.001	15.2
1/14/2012 11:00	21731	8.53	300.4	10.45	13.52	6.821	303.3	12.43	11.74	47.03	47.01	34.82	32.76	0	467.7	26.56	6.45	-0.012	11.92
1/14/2012 12:00	21732	9.84	285.7	12.88	15.31	7.411	286.5	17.15	11.74	54.77	55	20.41	19.04	0	594.4	26.59	6.449	-0.001	12.42
1/14/2012 13:00	21733	9.63	273.1	12.81	15.31	7.085	273.4	17.84	13.52	59.3	59.92	12.6	11.28	0	663.3	26.61	6.447	-0.002	12.13
1/14/2012 14:00	21734	9.82	252.1	18.22	17.1	7.639	250.9	20.53	13.52	48.79	61.86	11.32	9.63	0	666.1	26.59	6.441	-0.006	16.4
1/14/2012 15:00	21735	9.89	235.7	17.68	17.1	7.654	236.1	18.36	15.31	46.33	63.29	9.86	8.06	0	603.8	26.58	6.434	-0.006	12.05
1/14/2012 16:00	21736	10.95	211	13.18	18.89	8.25	213.4	14.8	15.31	46.14	63.83	13.55	11.16	0	480.3	26.57	6.428	-0.006	12.43
1/14/2012 17:00	21737	11.49	199.3	10.56	17.1	8.26	202.9	13.43	13.52	55.39	62.34	16.3	13.56	0	311	26.56	6.416	-0.012	12.11
1/14/2012 18:00	21738	7.983	184.3	10.67	13.52	4.525	187	15.21	9.95	58.25	57.87	18.64	16.65	0	105.9	26.53	6.408	-0.008	16.34
1/14/2012 19:00	21739	6.993	156.8	4.574	8.16	2.296	128.9	12.15	4.578	50.78	45.95	24	25.73	0	1.316	26.49	6.403	-0.005	15.04
1/14/2012 20:00	21740	7.147	158.5	5.809	9.95	2.44	127.9	12.37	4.578	47.59	42.39	27.02	29.85	0	0	26.44	6.401	-0.002	16.19
1/14/2012 21:00	21741	6.086	165.6	7.108	9.95	1.809	130.2	13.12	4.578	45.58	40.38	28.04	31.66	0	0	26.42	6.4	-0.002	16.18
1/14/2012 22:00	21742	4.043	169.6	9.32	6.368	0.793	115	12.19	2.789	43.01	39.31	31.65	32.29	0	0	26.41	6.396	-0.003	12.24
1/14/2012 23:00	21743	4.68	162.4	12.34	6.368	1.756	124.1	10.78	4.578	40.74	37.52	38.6	37.98	0	0	26.4	6.393	-0.003	12.02
1/15/2012 0:00	21744	3.95	174.4	12.11	6.368	0.589	141.8	13.27	4.578	38.67	35.6	44.74	44.61	0	0	26.38	6.394	0.001	16.05
1/15/2012 1:00	21745	6.313	196.7	10.59	9.95	2.46	204	15.14	6.368	39.05	35.63	47.2	48.96	0	0	26.36	6.391	-0.003	11.98
1/15/2012 2:00	21746	6.917	207.4	6.121	9.95	3.223	207.1	9.89	6.368	38.07	35.23	50.49	52	0	0	26.35	6.391	0	12.02
1/15/2012 3:00	21747	5.692	219.7	10.83	9.95	2.212	224.1	21.12	6.368	36.43	33.93	52.67	53.39	0	0	26.34	6.392	0.001	11.94
1/15/2012 4:00	21748	5.569	208.9	9.73	9.95	2.721	215.7	13.46	6.368	35.44	34.02	58.79	57.28	0	0	26.33	6.391	0	12.1
1/15/2012 5:00	21749	4.815	176.8	8.29	8.16	0.73	163.5	7.947	4.578	34.09	32.05	62.82	62.17	0	0	26.31	6.391	0	13.2
1/15/2012 6:00	21750	2.873	186.1	28.31	8.16	0.463	243.2	25.42	4.578	32.21	30.82	65	63.15	0	0	26.29	6.389	-0.002	15.55
1/15/2012 7:00	21751	3.622	253.5	21.01	6.368	1.263	287.1	17.2	4.578	33.54	31.33	61.24	62.04	0	0	26.29	6.389	0	15.87
1/15/2012 8:00	21752	4.086	249.6	18.77	8.16	1.381	265.4	24.53	4.578	34.75	32.08	58.06	59.7	0	1.097	26.3	6.389	0	12.11
1/15/2012 9:00	21753	4.335	241.6	16.87	6.368	1.39	257.8	21.55	6.368	37.14	35.31	54.96	54.8	0	87.3	26.31	6.391	0.002	11.94
1/15/2012 10:00	21754	6.586	207.6	13.48	11.74	5.04	211	15	9.95	38.27	42.07	51.86	47.36	0	278.4	26.37	6.388	-0.003	12.06
1/15/2012 11:00	21755	8.47	219.8	12.23	13.52	6.559	222.2	13	11.74	31.59	48.57	42.79	39.1	0	445.4	26.44	6.386	-0.002	12.42
1/15/2012 12:00	21756	12.75	219	12.57	20.68	9.72	220.9	14.14	17.1	41.59	57.12	30.34	27.36	0	566.4	26.47	6.383	-0.004	12.06
1/15/2012 13:00	21757	15.13	226.9	11.26	20.68	11.56	227.7	12.5	18.89	55.04	61.6	25.62	22.58	0	602.7	26.46	6.375	-0.008	12.06
1/15/2012 14:00	21758	14.32	225.2	12.02	22.47	10.92	226.1	13.61	18.89	63.79	64.68	24.24	20.8	0	644.2	26.44	6.365	-0.01	16.16
1/15/2012 15:00	21759	15.78	227.4	14.95	29.63	11.84	228.5	15.45	26.05	66.97	67.74	24.44	20.8	0	562.9	26.41	6.355	-0.01	15.9
1/15/2012 16:00	21760	19.75	241.9	10.91	29.63	14.31	240.9	13.59	24.26	69.03	69.37	27.23	23.45	0	437.1	26.39	6.333	-0.022	12.09
1/15/2012 17:00	21761	18.57	240.9	9.18	29.63	12.98	240.1	12.22	24.26	67.18	67.04	29.01	25.5	0	174.1	26.37	6.32	-0.013	15.35
1/15/2012 18:00	21762	15.13	234.9	12.92	27.84	10.9	234.9	13.71	24.26	64.4	63.87	33.51	30.23	0	41.79	26.35	6.303	-0.018	12.14
1/15/2012 19:00	21763	13.67	218.6	7.181	20.68	9.57	221.3	10.06	17.1	61.39	60.42	38.22	35.52	0	0.809	26.33	6.291	-0.012	14.93
1/15/2012 20:00	21764	12.54	215.7	8.05	20.68	8.53	217.6	10.79	15.31	60.59	59.53	40.35	37.7	0	0.024	26.33	6.284	-0.006	12.01
1/15/2012 21:00	21765	11.04	228.2	11.09	18.89	7.244	227.4	12.81	13.52	58.57	57.4	44.46	41.87	0	0.018	26.33	6.278	-0.006	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/15/2012 22:00	21766	7.819	235.7	17.85	17.1	4.663	236.1	21.8	13.52	57.33	56.12	46.5	43.94	0	0.013	26.32	6.272	-0.006	14.53
1/15/2012 23:00	21767	5.74	227.8	11.46	9.95	2.707	234.1	17.79	6.368	52.83	51.09	53.69	51.82	0	0.005	26.31	6.267	-0.005	12.1
1/16/2012 0:00	21768	5.06	245.4	16.9	9.95	2.199	279.7	27.36	6.368	51.05	48.53	56.9	56.95	0	0.004	26.29	6.264	-0.003	14.21
1/16/2012 1:00	21769	5.553	275.3	9.22	9.95	2.622	303.5	5.816	4.578	50.67	47.14	57.2	58.96	0	0.001	26.28	6.261	-0.003	12.15
1/16/2012 2:00	21770	5.605	240.8	46.26	9.95	2.618	259.4	55.89	6.368	48.41	45.49	61.12	61.49	0	0	26.26	6.261	0	12.01
1/16/2012 3:00	21771	2.792	175.5	35.36	8.16	1.029	129	39.7	4.578	46.8	44.78	62.45	61.64	0	0	26.24	6.261	0	15.43
1/16/2012 4:00	21772	7.069	187.5	12.87	13.52	3.716	190.8	17.23	9.95	45.37	43.96	63.29	61.21	0	0	26.23	6.259	-0.002	11.98
1/16/2012 5:00	21773	6.723	211.2	7.266	9.95	3.597	219	12.13	8.16	44.18	42.85	65.22	62.7	0	0	26.22	6.255	-0.004	15.93
1/16/2012 6:00	21774	4.875	224.4	14.09	9.95	2.313	236.5	20.87	6.368	41.82	40.62	74.08	70.2	0	0	26.21	6.257	0.001	14.57
1/16/2012 7:00	21775	4.447	234.7	12.18	9.95	2.003	255.4	15.69	4.578	41.29	40.09	78.11	73.73	0	0	26.2	6.257	0	11.99
1/16/2012 8:00	21776	7.14	220.1	15.24	11.74	4.121	229.9	21.01	9.95	41.93	43.2	73.15	70.39	0	0.484	26.2	6.257	0	15.54
1/16/2012 9:00	21777	6.769	204.8	14.41	11.74	4.166	212.6	21.47	9.95	31.18	44.98	71.47	68.27	0	30.01	26.22	6.256	-0.001	12.08
1/16/2012 10:00	21778	6.96	204.3	9.2	11.74	4.775	208.8	11.9	9.95	41.21	46.78	73.6	68.49	0	90.1	26.24	6.255	-0.001	12.1
1/16/2012 11:00	21779	8.02	206	11.81	13.52	6.015	209.9	14.66	11.74	49.34	51.42	66.08	60.7	0	271.8	26.26	6.255	0	16.23
1/16/2012 12:00	21780	12.56	217.5	10.65	18.89	9.63	220.2	12.55	17.1	58.26	59.18	50.06	44.93	0	488	26.31	6.253	-0.002	12.87
1/16/2012 13:00	21781	16.1	219.7	10.53	29.63	12.24	222	11.8	26.05	64.52	65.51	38.46	33.85	0	591.4	26.33	6.244	-0.008	12.06
1/16/2012 14:00	21782	22.29	227.1	17.06	40.36	16.29	227.6	17.36	36.78	68.89	69.81	31.6	27.19	0	635.9	26.31	6.235	-0.01	16.36
1/16/2012 15:00	21783	25.06	243.5	13.72	38.57	18.24	242.4	15.51	31.42	70.81	71.34	28.57	24.4	0	565.2	26.29	6.216	-0.019	15.15
1/16/2012 16:00	21784	24.04	248.9	10.53	42.15	17.7	248.7	12.57	34.99	70.46	70.82	28.86	24.78	0	364.8	26.28	6.197	-0.019	13.96
1/16/2012 17:00	21785	21.29	253.5	10.17	33.21	15.84	252.4	12.26	26.05	69.06	69.03	29.48	25.69	0	187.5	26.26	6.175	-0.022	15.67
1/16/2012 18:00	21786	21.75	252.3	9.21	36.78	16.34	252.2	10.99	31.42	68.71	68.53	29.07	25.4	0	114.8	26.25	6.159	-0.016	12.07
1/16/2012 19:00	21787	15.54	243.3	8.59	27.84	10.73	243.1	11.53	22.47	64.93	64.31	33.54	30.13	0	2.185	26.24	6.145	-0.014	12.06
1/16/2012 20:00	21788	7.354	241	12.03	15.31	4.234	244	12.73	11.74	60.4	58.98	40.02	37.43	0	0.025	26.24	6.139	-0.006	12.06
1/16/2012 21:00	21789	6.735	233.4	10.1	11.74	2.989	229.7	14.98	6.368	58.3	54.66	43.11	43.59	0	0.007	26.23	6.133	-0.006	15.05
1/16/2012 22:00	21790	3.418	142.8	86.2	9.95	2.713	77.62	68.39	6.368	54.4	51.57	48.72	49.37	0	0.004	26.23	6.131	-0.002	14.87
1/16/2012 23:00	21791	5.283	291.3	22.89	9.95	2.05	308.9	25.55	4.578	55.81	49.83	43.71	50.25	0	0.001	26.24	6.128	-0.003	13.55
1/17/2012 0:00	21792	6.63	278.7	7.357	9.95	2.562	295.7	21.05	6.368	53.7	48.43	47.84	52.14	0	0.001	26.24	6.125	-0.003	15.84
1/17/2012 1:00	21793	5.92	282.9	24.67	11.74	2.43	285.4	45.22	6.368	49.76	44.72	54.92	58.61	0	0	26.23	6.122	-0.003	11.96
1/17/2012 2:00	21794	5.563	278.8	33.47	11.74	2.566	300.8	54.5	6.368	46.8	42.75	60.31	62.89	0	0	26.23	6.12	-0.002	16.3
1/17/2012 3:00	21795	8.53	283	8.33	15.31	4.113	288.4	15.97	11.74	49.06	45.02	57.05	59.77	0	0	26.24	6.12	0	12.19
1/17/2012 4:00	21796	10.87	294.8	9.71	18.89	6.767	296.3	14.22	13.52	51.68	49.69	51.91	51.29	0	0.001	26.26	6.118	-0.001	12.06
1/17/2012 5:00	21797	14.31	298.6	10.87	27.84	10.05	300.8	14.19	26.05	53.92	52.38	46.33	44.79	0	0.003	26.28	6.109	-0.01	15.6
1/17/2012 6:00	21798	10.82	331.7	25.94	17.1	7.38	333.9	26.05	15.31	49.67	48.47	53.45	50.95	0	0.004	26.31	6.109	0	11.78
1/17/2012 7:00	21799	14.75	1.717	8.49	22.47	10.06	2.042	10.82	18.89	46.93	46.02	54.61	51.91	0	0	26.32	6.109	0	13.03
1/17/2012 8:00	21800	13.82	17.35	18.16	22.47	9.01	19.71	19.84	18.89	46.71	46	52.26	49.08	0	1.597	26.34	6.109	0	12.07
1/17/2012 9:00	21801	11.56	23.54	27.11	27.84	7.243	24.25	27.65	20.68	48.17	47.57	45.55	42.53	0	90.6	26.39	6.109	0	16.06
1/17/2012 10:00	21802	20.43	39.72	12.36	31.42	12.11	38.86	13.45	24.26	42.88	43.2	52.55	47.62	0	283	26.45	6.109	0	12.06
1/17/2012 11:00	21803	19.84	48.56	9.3	29.63	11.96	45.99	13.08	26.05	38.49	39.4	54.35	48.78	0	455.4	26.48	6.099	-0.01	12.07
1/17/2012 12:00	21804	13.62	58.46	14.36	24.26	8.99	57.24	18.71	18.89	41.31	42.89	48.76	42.93	0	579.7	26.51	6.089	-0.01	16.05
1/17/2012 13:00	21805	11.44	65.12	15.55	20.68	7.835	62.32	20.69	15.31	44.2	46.22	44.05	38.18	0	647.8	26.52	6.085	-0.005	16.08
1/17/2012 14:00	21806	11.89	64.69	13.9	20.68	8.32	61.58	17.92	17.1	46.59	48.64	40.17	34.5	0	653.8	26.5	6.078	-0.006	15.11
1/17/2012 15:00	21807	11.33	78.32	13.51	18.89	8.1	76.78	19.97	15.31	48.96	51.02	37.05	31.65	0	575.5	26.49	6.069	-0.01	12.05
1/17/2012 16:00	21808	10.73	79.67	14.37	17.1	7.727	78.74	19.66	13.52	50.25	52.02	34.94	29.91	0	473.5	26.49	6.062	-0.006	16.38
1/17/2012 17:00	21809	11.39	85.1	11.59	18.89	7.898	83.9	17.68	15.31	50.64	52.08	34.13	29.46	0	306.4	26.48	6.05	-0.013	12.29
1/17/2012 18:00	21810	10.99	101.6	10.88	17.1	7.448	103.1	16.32	13.52	49.13	49.64	35.75	31.84	0	107.3	26.47	6.038	-0.012	11.79

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/17/2012 19:00	21811	7.618	91.2	7.837	11.74	4.244	91.9	11.92	8.16	43.42	42.2	44.17	42.13	0	2.54	26.44	6.03	-0.008	11.95
1/17/2012 20:00	21812	8.36	75.29	8.57	11.74	4.826	71.3	14.58	8.16	39.64	38.45	49.91	47.78	0	0	26.42	6.025	-0.005	16.03
1/17/2012 21:00	21813	8.25	91.5	11.79	11.74	4.983	90.4	16.36	8.16	36.69	35.54	56.01	53.52	0	0	26.42	6.019	-0.006	11.99
1/17/2012 22:00	21814	8.62	108.5	7.413	11.74	5.268	107.7	13.98	9.95	34.98	34.15	60.01	56.8	0	0	26.41	6.016	-0.003	14.85
1/17/2012 23:00	21815	8.16	103.3	7.712	13.52	5.135	101.4	13.35	9.95	33.22	32.44	63.51	60.12	0	0	26.41	6.007	-0.009	15.12
1/18/2012 0:00	21816	7.911	82.2	15.07	11.74	4.892	80.8	18.27	9.95	32	31.2	64.88	61.56	0	0	26.41	6.005	-0.002	12.08
1/18/2012 1:00	21817	5.752	85	13.74	15.31	3.153	81.5	16.46	8.16	29.94	28.87	68	65.03	0	0	26.41	6.002	-0.003	16
1/18/2012 2:00	21818	5.926	93.1	12.22	9.95	3	88.4	16.5	6.368	28.84	27.46	69.14	67.09	0	0	26.38	5.999	-0.003	15.83
1/18/2012 3:00	21819	6.848	88.3	8.13	9.95	3.75	86	14.5	6.368	27.63	26.6	70.59	67.63	0	0	26.37	6.002	0.003	12.22
1/18/2012 4:00	21820	7.435	113	18.73	11.74	4.196	114	23.99	8.16	27.11	26.03	70.2	67.1	0	0	26.35	6.003	0.001	11.96
1/18/2012 5:00	21821	3.984	151	47.85	8.16	1.241	133.6	43.5	4.578	25.45	24.06	74.6	70.89	0	0	26.34	6.003	0.001	15.62
1/18/2012 6:00	21822	3.217	123	69.61	6.368	1.174	84.2	48.18	4.578	26.38	24.26	73.19	71.76	0	0	26.33	6	-0.003	11.88
1/18/2012 7:00	21823	4.064	246.7	28.88	6.368	1.213	271.5	26.07	4.578	25.55	22.83	74.29	74.32	0	0	26.31	6.001	0.001	15.92
1/18/2012 8:00	21824	3.377	246.3	17.37	6.368	0.894	271.3	27.17	4.578	25.95	23.99	71.58	70.61	0	1.729	26.31	6.001	0	11.91
1/18/2012 9:00	21825	1.603	165.6	35.78	6.368	1.068	130.1	27.13	4.578	29.24	27.45	67.27	66.57	0	97.8	26.33	6.003	0.002	13.56
1/18/2012 10:00	21826	5.086	208.4	14.21	9.95	3.92	212.1	15.85	8.16	33.42	34.19	65.33	59.1	0	297.7	26.4	5.997	-0.006	16.32
1/18/2012 11:00	21827	7.719	226.9	16.3	11.74	6.073	229.7	18.05	9.95	38.38	39.28	60.44	54.31	0	471	26.46	5.992	-0.005	11.99
1/18/2012 12:00	21828	7.767	234.5	16.76	13.52	6.147	234.7	17.72	11.74	45.1	45.96	51.55	45.85	0	598.7	26.48	5.987	-0.005	12
1/18/2012 13:00	21829	8.42	252.1	18.33	15.31	6.452	250	21.41	13.52	53.56	54.48	39.94	34.9	0	666.8	26.49	5.98	-0.007	11.78
1/18/2012 14:00	21830	8.26	234.6	26.69	15.31	6.502	236.5	26.36	15.31	58.78	59.87	33.18	28.32	0	673.3	26.47	5.978	-0.002	16.22
1/18/2012 15:00	21831	11.64	238	16.27	20.68	8.87	237.4	17.23	17.1	64.69	65.5	23.58	19.46	0	581.8	26.45	5.972	-0.006	14.16
1/18/2012 16:00	21832	13.78	206.4	11.65	20.68	10.18	209.5	13.95	17.1	66.25	67.51	23.84	19.46	0	453.9	26.42	5.962	-0.01	12.2
1/18/2012 17:00	21833	14.46	235.5	10.92	22.47	10.47	234.2	12.94	18.89	68.89	69.13	15.18	11.6	0	308.7	26.39	5.943	-0.019	16.46
1/18/2012 18:00	21834	12.91	236.4	8.54	22.47	8.91	234.4	11.35	18.89	67.37	67.16	15.35	11.87	0	119.2	26.37	5.931	-0.012	11.86
1/18/2012 19:00	21835	8.47	233.9	10.28	15.31	4.495	233.5	13.37	9.95	59.63	57.96	23.63	21.39	0	2.985	26.33	5.923	-0.008	15.92
1/18/2012 20:00	21836	7.245	239.6	17.59	13.52	3.566	242.4	26.72	8.16	53.69	50.47	28.84	28.67	0	0.006	26.28	5.915	-0.008	16.34
1/18/2012 21:00	21837	6.633	243.4	9.44	11.74	3.099	239.8	17.21	8.16	50.61	48.23	33	31.94	0	0.002	26.27	5.912	-0.003	12.11
1/18/2012 22:00	21838	5.926	234.9	13.68	11.74	2.222	236.6	30.38	6.368	50.11	45.98	33.48	34.98	0	0	26.24	5.906	-0.006	12.05
1/18/2012 23:00	21839	7.526	268.8	20.3	15.31	3.761	276	26.6	9.95	51.44	47.6	33.04	34.69	0	0.001	26.21	5.903	-0.003	12.1
1/19/2012 0:00	21840	8	270.5	26.88	13.52	4.862	267.9	30.71	11.74	52.48	50.52	33.44	32.09	0	0.002	26.22	5.9	-0.003	12.09
1/19/2012 1:00	21841	6.881	281.8	26.14	11.74	3.393	297.2	35.09	6.368	48.61	44.26	38.11	40.41	0	0	26.22	5.896	-0.003	11.96
1/19/2012 2:00	21842	5.703	243.9	18.33	9.95	1.539	278.3	28.33	6.368	46.32	41.44	39.7	44.1	0	0	26.19	5.898	0.002	12.09
1/19/2012 3:00	21843	8.11	282.3	8.12	13.52	3.672	289.4	19.2	8.16	47.8	42.16	36.52	42.29	0	0	26.16	5.895	-0.003	12.01
1/19/2012 4:00	21844	7.163	282.2	14.93	11.74	3.259	289.1	22.87	8.16	47.27	42.91	38.2	41.47	0	0	26.15	5.895	0	11.94
1/19/2012 5:00	21845	8.88	268.9	15.43	15.31	4.662	268	20.6	11.74	51.18	47.59	32.38	33.88	0	0	26.15	5.891	-0.004	12.17
1/19/2012 6:00	21846	11.13	273.4	11.05	18.89	7.021	270.1	15.56	13.52	50.95	49.35	33.4	31.82	0	0.001	26.16	5.887	-0.004	11.98
1/19/2012 7:00	21847	8.42	282.2	10.3	15.31	4.932	279	16.17	9.95	48.3	46.54	36.28	34.93	0	0.001	26.18	5.887	0	14.29
1/19/2012 8:00	21848	8.15	260.7	15.42	13.52	4.196	253.3	18.45	9.95	48.18	45.22	36.03	36.31	0	1.825	26.18	7.921	2.034	12.04
1/19/2012 9:00	21849	8.68	253.3	8.12	17.1	5.837	252.5	10.14	11.74	48.23	47.17	37.86	35.5	0	59.58	26.19	7.92	-0.001	12.02
1/19/2012 10:00	21850	7.727	246.4	10.25	11.74	5.713	246	12.49	9.95	51.46	51.42	37.01	33.28	0	236.7	26.22	7.92	-0.001	11.96
1/19/2012 11:00	21851	9.8	253.2	13.68	18.89	7.372	251.7	15.89	15.31	61.69	61.93	27.26	23.65	0	408.7	26.29	7.921	0.001	15.85
1/19/2012 12:00	21852	13.9	268.6	16.47	22.47	10.28	267.6	19.88	18.89	68.05	68.61	22.07	18.19	0	529.1	26.33	7.918	-0.003	12.07
1/19/2012 13:00	21853	14.06	276.9	14.05	22.47	10.37	276.9	17.17	18.89	71	72.12	20.58	16.3	0	652	26.33	7.917	0	12.28
1/19/2012 14:00	21854	15.07	283.2	11.17	26.05	11.31	282.8	15.55	20.68	72.86	74.03	19.7	15.33	0	667.7	26.32	7.92	0.002	15.83
1/19/2012 15:00	21855	12.68	268.8	15.79	20.68	9.54	267.8	18.26	17.1	75.33	76.39	18.59	14.29	0	606.9	26.31	7.917	-0.003	12.07

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/19/2012 16:00	21856	14.6	246.8	12.38	24.26	10.78	246.4	14.24	20.68	76	76.62	17.51	13.47	0	486.7	26.29	7.92	0.003	12.22
1/19/2012 17:00	21857	13.34	250.3	11.4	20.68	9.89	249.8	13.49	17.1	76.61	76.85	16.41	12.58	0	319.3	26.27	7.911	-0.009	11.86
1/19/2012 18:00	21858	9.93	231.8	11.08	17.1	6.614	231.5	13.04	13.52	74.89	74.56	17.54	14.19	0	120.7	26.26	7.899	-0.012	14.87
1/19/2012 19:00	21859	6.551	224	8.69	9.95	2.971	225.7	10.22	6.368	65.12	62.61	25.7	24.05	0	2.413	26.23	7.894	-0.005	12.04
1/19/2012 20:00	21860	6.776	238.2	7.88	9.95	2.464	243.6	18.04	6.368	56.99	54.74	33.03	31.71	0	0.004	26.18	7.889	-0.004	12.1
1/19/2012 21:00	21861	5.249	250.2	10.64	8.16	0.966	277.9	20.01	4.578	53.92	50.1	35.03	37.04	0	0	26.15	7.885	-0.004	16.24
1/19/2012 22:00	21862	6.308	268.2	18.36	11.74	2.669	270.3	39.13	6.368	53.44	49.53	34.22	36.2	0	0	26.12	7.885	0	16.09
1/19/2012 23:00	21863	5.819	292.9	12.41	9.95	1.957	295.3	26.81	4.578	51.38	47.78	36.41	37.89	0	0	26.12	7.882	-0.003	12.09
1/20/2012 0:00	21864	5.144	291.1	8.3	8.16	0.709	295.4	9.73	2.789	51.03	46.53	35.96	38.72	0	0	26.11	7.882	0	12
1/20/2012 1:00	21865	5.265	292.1	9.44	9.95	1.016	296.6	15.78	2.789	51.55	45.72	35.25	40.09	0	0	26.09	7.88	-0.003	16.42
1/20/2012 2:00	21866	5.024	254	34.41	9.95	1.136	187.3	43.5	6.368	49.99	42.78	36.75	44.2	0	0	26.08	7.881	0.001	11.94
1/20/2012 3:00	21867	4.393	203.3	19.43	8.16	0.976	191.4	26.16	4.578	43.95	39.85	45.51	49.3	0	0	26.06	7.881	0	11.97
1/20/2012 4:00	21868	5.18	238.4	24.04	9.95	2.053	263.6	32.8	6.368	41.06	38.3	50.52	51.55	0	0	26.05	7.881	0	11.97
1/20/2012 5:00	21869	4.832	261.5	18.03	6.368	1.856	305	12.77	4.578	41.36	37.25	48.55	52.69	0	0	26.03	7.881	0	12.42
1/20/2012 6:00	21870	4.551	284.5	21.44	8.16	2.163	322.4	21.02	6.368	43.47	38.95	42.97	47.82	0	0	26.01	7.881	0	12.04
1/20/2012 7:00	21871	4.879	268.7	26.34	9.95	1.304	254.9	37.39	4.578	45.22	39.48	39.69	44.89	0	0	26.01	7.881	0	16.39
1/20/2012 8:00	21872	7.19	241.6	23.98	13.52	3.054	259.7	41.26	8.16	44.94	38.97	40	46.53	0	1.819	26.02	7.881	0	11.95
1/20/2012 9:00	21873	7.865	256.5	12.46	11.74	4.201	256.6	20.65	8.16	49.48	47.51	33.63	34.03	0	101.9	26.05	7.88	-0.001	15.81
1/20/2012 10:00	21874	8.45	249.8	16.05	17.1	5.836	248.6	18.6	13.52	55.55	55.62	28.17	25.24	0	303.5	26.13	7.877	-0.003	12.02
1/20/2012 11:00	21875	16.44	277.2	14.14	27.84	12.43	277.5	17.69	22.47	64.13	64.47	16.45	13.15	0	476.9	26.21	7.859	-0.018	11.86
1/20/2012 12:00	21876	16.95	281	10.31	27.84	13.43	281.3	13.44	26.05	68.48	69.11	12.98	9.29	0	606.8	26.24	7.854	-0.005	11.77
1/20/2012 13:00	21877	15.38	269.1	12.13	22.47	11.78	268.9	15.21	18.89	72.78	73.65	9.99	6.094	0	679.6	26.25	7.847	-0.007	12.06
1/20/2012 14:00	21878	16.71	265.5	12.57	26.05	12.57	265.1	15.52	20.68	75.73	76.7	5.972	2.423	0	684.8	26.23	7.837	-0.01	15.98
1/20/2012 15:00	21879	17.32	264.5	11.28	27.84	12.9	263.7	14.07	22.47	76.98	77.81	3.71	1.748	0	627.6	26.23	7.821	-0.016	12.07
1/20/2012 16:00	21880	16.89	266.9	12.86	26.05	12.71	266.4	15.89	22.47	77.87	78.43	2.841	1.77	0	508	26.23	7.799	-0.022	12.08
1/20/2012 17:00	21881	14.23	274.1	12.88	24.26	10.61	273.4	16.05	18.89	77.46	77.74	3.255	1.754	0	335.1	26.23	7.771	-0.028	12.08
1/20/2012 18:00	21882	11.2	277.2	8.83	20.68	8.22	277.8	11.63	17.1	74.99	74.62	4.765	1.856	0	129.9	26.24	7.762	-0.009	15.84
1/20/2012 19:00	21883	7.349	288	18.1	15.31	3.806	305.5	21.01	13.52	67.25	63.22	8.09	7.219	0	3.73	26.23	7.758	-0.005	12.11
1/20/2012 20:00	21884	8.56	319.8	12.6	13.52	5.342	325.1	15.05	9.95	64.67	61.25	10.93	10.33	0	0.003	26.21	7.752	-0.006	16.22
1/20/2012 21:00	21885	7.84	295	8.12	13.52	4.161	294.3	17.56	8.16	58.44	55.25	17.42	16.65	0	0.005	26.22	7.751	-0.002	15.8
1/20/2012 22:00	21886	7.746	303	10.37	11.74	4.166	304	14.16	8.16	54.02	51.26	23.21	22.78	0	0.001	26.22	7.749	-0.002	12.05
1/20/2012 23:00	21887	7.12	314.5	10.73	11.74	3.727	318.3	16.8	8.16	52.6	49.05	24.81	25.65	0	0	26.22	7.746	-0.003	12.97
1/21/2012 0:00	21888	9.24	338.3	14	17.1	5.909	341.6	17.23	11.74	53.02	50.48	24.17	23.76	0	0.001	26.25	7.742	-0.003	12.24
1/21/2012 1:00	21889	5.911	13.36	24.28	18.89	3.323	6.652	28.17	13.52	48.98	46.68	31.01	30.13	0	0	26.26	7.739	-0.003	16.04
1/21/2012 2:00	21890	8.47	32.03	20.12	13.52	4.756	30.51	20.69	9.95	46.23	45.15	39.51	36.44	0	0	26.25	7.74	0.001	14.21
1/21/2012 3:00	21891	10.36	43.25	13.53	15.31	6.116	41.96	15.72	11.74	44.61	43.85	47.2	43.44	0	0	26.24	7.734	-0.006	16.22
1/21/2012 4:00	21892	8.39	39.37	11.21	17.1	4.582	40.21	12.38	9.95	42.06	41.41	54.39	50.33	0	0	26.24	7.735	0.001	12.85
1/21/2012 5:00	21893	4.657	38.26	18.32	11.74	1.735	30.5	28	6.368	40.69	39.14	56.8	54.22	0	0	26.23	7.732	-0.003	12.09
1/21/2012 6:00	21894	2.883	7.465	25.05	6.368	1.342	17.79	45.15	4.578	37.81	34.74	61.15	60.85	0	0	26.22	7.729	-0.003	12.1
1/21/2012 7:00	21895	5.172	27.33	10.65	8.16	2.185	39.21	13.46	6.368	37.52	35.97	62.1	59.91	0	0	26.22	7.73	0.001	14.95
1/21/2012 8:00	21896	5.393	30.27	7.831	9.95	2.381	38.03	8.6	6.368	36.36	35.26	64.01	60.86	0	1.612	26.23	7.73	0	14.65
1/21/2012 9:00	21897	5.248	46.06	15.94	8.16	2.752	48.83	12.96	6.368	37.55	37.22	62.5	57.98	0	98.5	26.24	7.729	0	11.95
1/21/2012 10:00	21898	5.545	81.1	16.84	9.95	4.102	78.69	21.74	8.16	41.53	42.72	57.05	51.05	0	296.2	26.3	7.727	-0.002	12.04
1/21/2012 11:00	21899	4.578	177.9	39.51	9.95	3.411	185	40.09	8.16	46.83	48.07	49.54	43.83	0	470.4	26.36	7.727	0.001	12.09
1/21/2012 12:00	21900	9.12	182.7	14.88	18.89	6.727	187.2	19.45	13.52	50.06	52.05	44.86	38.53	0	598.6	26.38	7.727	0	16.2

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/21/2012 13:00	21901	11.8	184.6	13.29	18.89	8.57	188.3	17.91	15.31	53.99	56.27	40.26	33.92	0	669	26.35	7.723	-0.004	11.95
1/21/2012 14:00	21902	12.39	190.8	12.21	18.89	9.18	195.8	15.77	17.1	58.2	60.38	34.37	28.51	0	676.7	26.31	7.718	-0.005	11.98
1/21/2012 15:00	21903	13.28	200.2	12.99	20.68	9.86	203.9	15.73	17.1	62.03	63.88	27.26	22.13	0	590.7	26.28	7.712	-0.006	16.29
1/21/2012 16:00	21904	15.3	207.9	11.9	24.26	11.3	212	13.63	18.89	64.19	65.63	23.11	18.38	0	510.6	26.26	7.699	-0.013	13.61
1/21/2012 17:00	21905	15.03	199	9.16	22.47	10.49	202.8	13.02	17.1	65.45	66.49	21.39	17.04	0	328.5	26.22	7.69	-0.009	12.24
1/21/2012 18:00	21906	12.05	183.1	8.94	20.68	7.782	187.1	13.7	15.31	64.53	64.69	21.8	18.12	0	128.3	26.17	7.678	-0.012	16.04
1/21/2012 19:00	21907	10.95	189.2	8.46	17.1	6.52	192.8	12.84	13.52	59.5	58.1	25.58	23.01	0	2.886	26.12	7.667	-0.011	12.08
1/21/2012 20:00	21908	11.16	194.1	8.2	18.89	6.98	198.1	12.23	15.31	55.48	54.06	30.75	28.19	0	0.006	26.09	7.655	-0.012	13.02
1/21/2012 21:00	21909	11.06	192	11.98	18.89	6.74	197	15.39	13.52	52.31	51.2	35.65	32.74	0	0.004	26.05	7.65	-0.005	12.07
1/21/2012 22:00	21910	5.984	202.2	9.17	11.74	2.852	204.2	12.12	8.16	48.34	46.63	42.17	39.75	0	0	26.03	7.644	-0.006	11.95
1/21/2012 23:00	21911	7.481	206.7	12.41	11.74	3.871	206.7	20.31	8.16	45.53	43.38	46.92	45.51	0	0	25.99	7.639	-0.005	15.29
1/22/2012 0:00	21912	10.81	212.3	8.65	17.1	7.075	216.3	11.08	13.52	47.23	46.09	44.79	42.19	0	0	25.98	7.636	-0.002	11.99
1/22/2012 1:00	21913	14.64	204	8.47	29.63	9.7	208	11.29	18.89	51.79	50.67	34.29	31.85	0	0.001	25.96	7.628	-0.008	11.98
1/22/2012 2:00	21914	15.18	208.7	8.59	24.26	10.53	212.8	11.05	18.89	53.69	52.92	27.83	24.96	0	0.002	25.96	7.622	-0.006	12.03
1/22/2012 3:00	21915	16.62	202.5	7.192	26.05	11.3	206.2	10.48	20.68	55.89	55.1	23.55	20.62	0	0.007	25.95	7.615	-0.007	11.97
1/22/2012 4:00	21916	14.62	213.4	12.12	27.84	10.05	216.5	13.26	20.68	58.41	57.01	21.1	18.64	0	0.003	25.95	7.605	-0.01	11.98
1/22/2012 5:00	21917	16.31	228.5	10.3	26.05	11.63	229.3	11.57	20.68	58.62	57.73	20.06	17.06	0	0.003	25.96	7.595	-0.011	11.84
1/22/2012 6:00	21918	12.59	235.4	9.5	24.26	8.44	235.7	12.15	17.1	57.59	56.82	21.53	18.41	0	0.007	25.98	7.588	-0.007	12.06
1/22/2012 7:00	21919	17.7	251.3	15.96	38.57	12.31	250.5	17.65	33.21	59.04	58.24	21.49	18.38	0	0.009	25.99	7.563	-0.025	15.51
1/22/2012 8:00	21920	26.12	273.7	8.81	45.73	18.98	274.4	11.87	36.78	59.29	58.61	25.79	22.38	0	1.079	26.01	7.546	-0.017	15
1/22/2012 9:00	21921	28.03	268.7	10.06	43.94	20.04	268.4	13.15	36.78	56.9	56.51	30.56	26.78	0	76.34	26.05	7.54	-0.006	12.06
1/22/2012 10:00	21922	21.88	284.9	14.29	42.15	16.7	285.7	17.59	33.21	54.76	54.99	34.84	30.19	0	283.6	26.11	7.527	-0.013	11.84
1/22/2012 11:00	21923	25.62	273.4	10	42.15	18.98	273.4	13.23	31.42	57.08	57.73	24.64	20.35	0	478.8	26.14	7.515	-0.013	12.06
1/22/2012 12:00	21924	28.98	277.7	11	45.73	21.91	277.9	13.63	36.78	59.36	60.22	15.14	10.97	0	602.4	26.16	7.492	-0.022	12.06
1/22/2012 13:00	21925	30.9	278.1	10.28	47.52	23.55	277.8	13.21	40.36	60.65	61.66	13.66	9.35	0	672.4	26.16	7.457	-0.036	16.27
1/22/2012 14:00	21926	27.09	285.5	12.68	49.31	21.14	286.3	15.76	42.15	62.37	63.44	10.2	5.955	0	688.1	26.17	7.452	-0.004	16.42
1/22/2012 15:00	21927	24.39	298.3	11.25	36.78	19.32	300.9	14.04	31.42	63.56	64.46	8.87	4.689	0	629.1	26.18	7.433	-0.019	12.07
1/22/2012 16:00	21928	19.87	299	12.12	34.99	15.68	301.1	15.27	29.63	63.83	64.61	8.59	4.454	0	509.2	26.2	7.414	-0.019	11.94
1/22/2012 17:00	21929	18.05	296.8	10.07	31.42	14.29	298.7	12.96	24.26	63.85	64.28	8.13	4.093	0	339	26.21	7.398	-0.016	16.37
1/22/2012 18:00	21930	12.31	307.9	10.11	20.68	9.28	310.6	12.25	18.89	62.7	62.55	9.33	5.69	0	134.9	26.22	7.394	-0.004	12.07
1/22/2012 19:00	21931	8.45	336.7	8.99	13.52	5.708	341	13.2	9.95	57.07	55.47	15.99	13.76	0	4.571	26.22	7.388	-0.006	14.27
1/22/2012 20:00	21932	8.19	332.3	7.612	13.52	5.388	335.1	11.18	9.95	53.55	51.46	19.77	18.19	0	0.002	26.21	7.384	-0.004	11.76
1/22/2012 21:00	21933	7.049	319.9	6.239	9.95	4.278	325.4	8.1	6.368	49.96	47.29	23.57	22.83	0	0.001	26.22	7.378	-0.006	12.04
1/22/2012 22:00	21934	8.54	327.8	9.33	15.31	5.716	330.1	11.98	11.74	47.98	45.98	25.85	24.61	0	0	26.23	7.371	-0.006	12.01
1/22/2012 23:00	21935	8.76	343.3	15.41	15.31	5.488	343.1	21.31	13.52	46.21	44.8	28.44	26.41	0	0	26.23	7.369	-0.002	14.21
1/23/2012 0:00	21936	8.87	336.8	11.77	13.52	5.971	336.9	15.07	9.95	44.29	42.81	30.53	28.66	0	0	26.23	7.367	-0.002	15.68
1/23/2012 1:00	21937	8.17	329.9	9.03	15.31	5.58	330.7	19.75	9.95	42.74	41.18	32.86	31.07	0	0	26.23	7.364	-0.003	12.21
1/23/2012 2:00	21938	4.386	302.9	14.04	8.16	1.729	300	21.22	4.578	40.85	37.79	36.76	36.99	0	0	26.24	7.358	-0.006	11.96
1/23/2012 3:00	21939	6.217	344	26.66	9.95	3.407	347.1	36.44	8.16	43.29	40.98	35.84	35.76	0	0	26.25	7.358	0	15.7
1/23/2012 4:00	21940	7.913	347	11.14	11.74	5.039	351.4	16.15	9.95	46.14	44.76	33.19	31.75	0	0	26.26	7.354	-0.004	12.34
1/23/2012 5:00	21941	8.54	337.7	8.52	15.31	6.317	337.1	12.06	9.95	45.3	44.57	35.66	32.79	0	0	26.26	7.353	-0.001	12.08
1/23/2012 6:00	21942	4.14	344.4	23.23	8.16	2.19	345.2	28.07	6.368	43.78	42.97	38.86	36.35	0	0	26.27	7.354	0.001	12.03
1/23/2012 7:00	21943	2.415	162.4	70.34	11.74	1.206	155.2	35.18	6.368	41.36	39.24	43.28	43.26	0	0	26.26	7.355	0.001	11.95
1/23/2012 8:00	21944	4.051	227.4	21.17	8.16	1.453	247.1	27.66	4.578	35.97	34.44	53.62	52.28	0	1.854	26.27	7.355	0	15.77
1/23/2012 9:00	21945	1.955	246.9	55.66	4.578	0.97	54.88	50.05	2.789	38.87	37.52	47.67	46.96	0	102.2	26.26	7.348	-0.006	12.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/23/2012 10:00	21946	5.157	198.1	17.76	11.74	3.877	203.5	18.97	9.95	45.79	46.56	37.42	32.79	0	303.9	26.33	7.343	-0.006	16.28
1/23/2012 11:00	21947	10.18	164.6	12.53	20.68	7.091	169.1	17.51	17.1	51.57	53.38	30.09	25.14	0	481.3	26.39	7.34	-0.002	12.06
1/23/2012 12:00	21948	13.49	167.6	12.61	20.68	9.33	172.4	17.66	17.1	54.4	56.56	28.57	23.24	0	609.9	26.4	7.33	-0.01	12.05
1/23/2012 13:00	21949	13.37	183.5	16.09	22.47	9.4	187.4	20.4	18.89	57.85	60.2	25.36	20.09	0	678.7	26.39	7.325	-0.005	12
1/23/2012 14:00	21950	13.85	198.3	13.69	22.47	10.2	202	16.46	18.89	60.52	62.59	20.22	15.32	0	685.2	26.36	7.319	-0.006	14.31
1/23/2012 15:00	21951	13.93	191.1	12.67	22.47	9.87	195	16.59	18.89	61.8	63.96	18.4	13.52	0	624.5	26.33	7.306	-0.013	15.86
1/23/2012 16:00	21952	13.81	190.9	12.7	22.47	9.79	195.3	16.14	17.1	62.99	64.7	16.31	11.7	0	503.6	26.3	7.29	-0.016	13.42
1/23/2012 17:00	21953	12.22	192.4	13.11	20.68	8.62	197.2	15.7	15.31	64.08	65.26	13.8	9.56	0	336.1	26.28	7.271	-0.019	16.14
1/23/2012 18:00	21954	9.55	164.6	15.75	15.31	5.81	166.5	20.19	11.74	62.55	62.91	16.23	12.48	0	135.2	26.26	7.26	-0.011	12.19
1/23/2012 19:00	21955	7.94	127.9	10.2	11.74	3.464	109.9	15.81	4.578	57.25	52.82	20.9	21.1	0	4.303	26.23	7.242	-0.018	12.04
1/23/2012 20:00	21956	10.67	151.8	7.933	15.31	5.172	154	13.65	9.95	51.66	48.72	26.92	25.96	0	0.001	26.18	7.235	-0.007	11.93
1/23/2012 21:00	21957	10.7	162.5	6.631	17.1	5.384	163.4	12.37	9.95	50.23	48.1	30.3	28.57	0	0.001	26.16	7.225	-0.009	12.06
1/23/2012 22:00	21958	8.64	177	30.78	15.31	4.647	181.8	42.11	11.74	49.79	48.03	32.82	30.58	0	0	26.15	7.222	-0.003	11.97
1/23/2012 23:00	21959	6.204	194.7	23.64	11.74	2.792	194.6	34.11	8.16	49.51	46.28	33.33	32.9	0	0	26.15	7.219	-0.003	16.36
1/24/2012 0:00	21960	6.566	184.6	11.29	11.74	2.98	184	17.09	8.16	48.7	45.98	35.05	34.09	0	0	26.15	7.216	-0.003	12.09
1/24/2012 1:00	21961	5.495	195.5	14.35	9.95	2.356	203.8	19.05	4.578	46.19	43.51	38.45	37.64	0	0	26.14	7.218	0.001	16.18
1/24/2012 2:00	21962	4.175	192.5	19.21	8.16	1.105	194.6	21.44	4.578	44.19	42.08	41.09	39.5	0	0	26.12	7.218	0	12.04
1/24/2012 3:00	21963	7.208	178.7	14.37	13.52	3.883	184.6	18.08	9.95	45.09	43.6	41.88	39.77	0	0	26.1	7.215	-0.003	15.8
1/24/2012 4:00	21964	5.26	198.5	30.48	11.74	2.618	212	42.95	8.16	46.23	44.62	41.39	39.92	0	0	26.1	7.215	-0.001	13.41
1/24/2012 5:00	21965	3.479	219.9	11.59	9.95	0.773	218.8	9.4	4.578	44.22	41.94	45.5	45.45	0	0	26.1	7.214	-0.001	15.52
1/24/2012 6:00	21966	5.596	156.6	19.92	15.31	2.401	138	20.16	9.95	43.99	41.8	48.47	47.88	0	0	26.08	7.215	0.001	12.08
1/24/2012 7:00	21967	7.36	157.5	9.68	13.52	3.758	160.5	14.42	9.95	44.34	43.02	52.91	50.18	0	0	26.07	7.215	0	11.95
1/24/2012 8:00	21968	4.779	142.9	23.77	8.16	1.982	122.7	35.42	6.368	43.04	41.61	57.1	54.58	0	1.84	26.07	7.215	0	12.91
1/24/2012 9:00	21969	7.028	116	21.87	13.52	3.998	111.4	29.7	9.95	43.69	42.85	61.45	57.89	0	39.73	26.06	7.215	0	11.98
1/24/2012 10:00	21970	9.98	137.7	9.2	17.1	6.534	140.2	14.81	13.52	47.48	47.55	62.19	57.1	0	112.7	26.08	7.216	0.001	15.85
1/24/2012 11:00	21971	13.76	140	10.45	22.47	9.12	143.4	15.71	18.89	51.03	51.72	60.41	54.53	0	231.3	26.1	7.216	0	13.78
1/24/2012 12:00	21972	11.53	129.8	13.8	18.89	7.791	131.6	19.26	15.31	53.53	54.88	58.1	51.55	0	325.4	26.12	7.214	-0.002	14.13
1/24/2012 13:00	21973	6.935	138.5	28.6	13.52	5.119	141.8	33.94	11.74	56.58	58.03	53.33	47.01	0	365.2	26.13	7.213	0	11.99
1/24/2012 14:00	21974	10.07	138.1	15.78	17.1	6.782	141.4	20.67	13.52	57.77	58.71	51.23	45.53	0	222.5	26.11	7.213	0	12.13
1/24/2012 15:00	21975	8.23	158.1	18.26	15.31	5.715	161.7	22.56	13.52	58.9	60	48.14	42.46	0	266.3	26.09	7.21	-0.003	14.12
1/24/2012 16:00	21976	7.953	174.9	17.1	15.31	5.597	179.8	20.75	11.74	58.29	59.07	49.04	43.54	0	179.6	26.1	7.207	-0.003	15.7
1/24/2012 17:00	21977	5.386	201.2	16.12	9.95	4.024	203.2	18.61	8.16	57.65	58.04	48.86	43.81	0	131.1	26.11	7.204	-0.003	11.9
1/24/2012 18:00	21978	3.308	196.6	52.5	6.368	2.267	208.3	49.79	6.368	57.87	58.08	48.03	43.38	0	90.5	26.13	7.204	0	15.71
1/24/2012 19:00	21979	6.247	300.8	32.7	11.74	3.666	313.1	32.54	9.95	54.46	52.99	52.47	49.53	0	3.809	26.15	7.201	-0.003	11.94
1/24/2012 20:00	21980	10.54	329.7	8.93	17.1	8.06	331	9.97	13.52	50.93	50.1	62.42	58.61	0	0.005	26.14	7.197	-0.004	11.98
1/24/2012 21:00	21981	9.64	43.08	19.47	17.1	5.876	42.54	20.9	11.74	48.36	47.98	79.15	73.03	0	0.001	26.15	7.197	0	12.74
1/24/2012 22:00	21982	7.873	14.99	35.48	15.31	4.738	14.98	36.27	11.74	47.16	47.01	85	78.64	0	0.001	26.17	7.194	-0.003	15.42
1/24/2012 23:00	21983	8.3	339.9	25.33	13.52	6.032	340.7	26.81	9.95	46.44	46.45	85.4	78.78	0	0.001	26.2	7.194	0	15.11
1/25/2012 0:00	21984	12.09	13.76	11.72	20.68	8.88	14.78	13.29	17.1	46.35	46.24	85.5	78.98	0	0.002	26.2	7.197	0.003	15.23
1/25/2012 1:00	21985	15.27	360	14.18	33.21	11.36	359.7	18.29	27.84	46.18	46.01	86.2	79.83	0	0	26.18	7.194	-0.003	12.01
1/25/2012 2:00	21986	20.78	18.83	10.51	33.21	15.13	19.49	11.85	31.42	42.94	43.08	86.1	79.05	0	0	26.21	7.197	0.003	12.12
1/25/2012 3:00	21987	15.73	13.28	10.37	26.05	12.21	15.16	11.28	22.47	42.42	42.54	81.5	74.82	0	0	26.22	7.194	-0.003	11.91
1/25/2012 4:00	21988	17.37	11.73	10.15	27.84	13.14	14.17	11.54	24.26	41.53	41.67	78.91	72.3	0	0	26.23	7.195	0.001	11.95
1/25/2012 5:00	21989	20.51	10.77	10.4	29.63	15.58	12.59	11.67	29.63	40.5	40.64	78.39	71.79	0	0	26.22	7.192	-0.003	12.08
1/25/2012 6:00	21990	21.32	16.14	9.49	36.78	16.02	18.32	10.35	31.42	40.23	40.32	69.08	63.26	0	0	26.21	7.19	-0.003	15.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/25/2012 7:00	21991	19.57	12.37	10.39	34.99	14.85	14.57	11.46	27.84	39.39	39.51	67.46	61.53	0	0	26.24	7.19	0	12.2
1/25/2012 8:00	21992	18.57	1.117	10.43	27.84	13.66	1.89	12.73	26.05	38.9	39.1	68.49	62.41	0	0.273	26.26	7.183	-0.006	15.48
1/25/2012 9:00	21993	19.51	352.1	8.59	29.63	14.27	352	12.45	26.05	35.85	36.08	79.28	73.18	0	16.92	26.27	7.18	-0.003	12.1
1/25/2012 10:00	21994	16.62	353.2	8.52	26.05	12.21	353.5	14.86	24.26	34.12	34.42	87.5	80.8	0	45.31	26.27	7.18	0	13.39
1/25/2012 11:00	21995	16.2	353.7	8.76	24.26	11.99	353.2	15.32	22.47	34.32	34.61	89	82.1	0	42.06	26.28	7.18	0	11.98
1/25/2012 12:00	21996	17.6	357	9.54	26.05	12.79	356.9	15.63	22.47	30.68	35.31	88.4	81.8	0	69.06	26.29	7.18	0	13.23
1/25/2012 13:00	21997	21.24	355.8	9.99	31.42	15.55	355	13.1	27.84	22.66	36.95	84.9	79.08	0	176.7	26.26	7.18	0	12.14
1/25/2012 14:00	21998	15.85	358.8	10.67	27.84	11.41	359.2	13.64	24.26	25.28	38.69	82.3	76.97	0.02	96.7	26.25	7.199	0.019	12.19
1/25/2012 15:00	21999	8.66	9.67	11.95	17.1	6.221	12.23	14.48	13.52	27.2	40.01	84.2	78.49	0.07	56.57	26.24	7.26	0.06	15.73
1/25/2012 16:00	22000	6.805	354.1	17.11	11.74	5.067	354.3	19.61	9.95	24.04	41.67	82.1	77.17	0.02	54.56	26.23	7.278	0.019	12.13
1/25/2012 17:00	22001	3.228	9.41	32.38	6.368	1.983	3.424	30.47	6.368	25.47	43.63	78.32	74.08	0.01	136.6	26.23	7.293	0.015	12.01
1/25/2012 18:00	22002	5.498	283.2	49.88	9.95	4.109	280.2	49.38	8.16	25.47	45.45	76.4	71.68	0	93.3	26.23	7.292	-0.001	15.65
1/25/2012 19:00	22003	5.52	236.7	8.41	9.95	3.789	237.3	9.51	6.368	22.68	42.17	85.2	79.5	0	3.406	26.24	7.292	0	12.24
1/25/2012 20:00	22004	3.526	238.7	22.82	8.16	1.702	242.9	25.33	4.578	21.55	40.02	88.4	82.8	0	0	26.24	7.29	-0.002	15.51
1/25/2012 21:00	22005	3.569	245.7	17.55	6.368	0.732	254.6	15.27	4.578	20.95	38.43	85.4	83.5	0	0	26.23	7.291	0.001	15.4
1/25/2012 22:00	22006	5.612	253.7	17.89	8.16	2.525	269.9	19.13	4.578	18.73	36.48	88.1	83.8	0	0	26.21	7.291	0	15.97
1/25/2012 23:00	22007	4.634	272.6	15.76	8.16	1.883	302.3	12.33	4.578	17.25	34.49	86.1	83.9	0	0	26.22	7.298	0.006	12.03
1/26/2012 0:00	22008	4.082	238.6	25.51	6.368	1.086	217.6	17.73	4.578	16.79	33.22	84.7	84.2	0	0	26.21	7.299	0.002	15.12
1/26/2012 1:00	22009	3.722	237.8	12.09	9.95	0.825	281.1	14.89	2.789	13.72	32.34	89.3	84.9	0	0	26.2	7.3	0.001	11.9
1/26/2012 2:00	22010	2.904	259.4	16.7	4.578	0.673	306.9	8.42	2.789	13.13	31.57	91.5	85.6	0	0	26.18	7.3	0	11.9
1/26/2012 3:00	22011	3.412	251.9	12.54	6.368	0.665	278.3	21.98	2.789	12.86	30.3	92.2	85.7	0	0	26.17	7.3	0	11.91
1/26/2012 4:00	22012	3.643	319.7	22.3	8.16	1.245	334.8	17.93	4.578	13.27	30.81	88.9	86.2	0	0	26.17	7.303	0.003	11.84
1/26/2012 5:00	22013	9.01	312.6	9.18	13.52	6.027	313.8	11.74	11.74	16.77	33.95	79.48	80	0	0	26.18	7.303	0	11.4
1/26/2012 6:00	22014	8.76	316.7	4.9	13.52	5.9	317.5	6.575	9.95	15.76	33.98	75.61	74.26	0	0	26.2	7.302	-0.001	15.59
1/26/2012 7:00	22015	9.43	317.8	10.01	15.31	5.885	319.4	13	9.95	16.04	33.63	68.98	69.09	0	0	26.21	7.305	0.003	11.6
1/26/2012 8:00	22016	12	348.6	12.86	17.1	8.13	348.4	12.71	13.52	17.02	35.18	64.62	63.4	0	2.181	26.23	7.302	-0.003	15.27
1/26/2012 9:00	22017	11.21	346.3	12.16	17.1	7.835	343.8	13.36	13.52	20.68	38.78	57.68	56.4	0	98.4	26.29	7.304	0.002	12.21
1/26/2012 10:00	22018	11.13	5.302	10.85	18.89	7.309	2.1	16.31	15.31	25.91	45.37	50.26	48.18	0	302.1	26.36	7.302	-0.002	11.93
1/26/2012 11:00	22019	10.95	26.69	16.48	17.1	7.04	27.11	17.75	13.52	30.93	52.07	40.61	38.26	0	476.6	26.45	7.302	0.001	12.03
1/26/2012 12:00	22020	12.55	29.71	12.88	22.47	8.06	30.63	14.13	17.1	34.76	55.04	38.91	36.13	0	606.9	26.49	1.912	-5.39	13.89
1/26/2012 13:00	22021	14.24	32.76	13.2	24.26	8.94	33.55	14.41	20.68	42.13	58.91	33.04	29.74	0	675.5	26.49	9.43	7.521	16
1/26/2012 14:00	22022	13.39	31.83	17.05	22.47	8.77	32.34	17.86	18.89	49.21	61.6	25.56	22.15	0	674.6	26.48	9.43	0	12.34
1/26/2012 15:00	22023	12.04	29.64	15.08	20.68	8.04	29.32	15.78	17.1	62.07	62.71	22.26	18.62	0	602.4	26.46	9.43	0	12.19
1/26/2012 16:00	22024	9.36	38.31	17.34	18.89	6.123	37.71	19.13	15.31	62.81	63.52	19.53	15.93	0	486.3	26.46	9.43	0	15.52
1/26/2012 17:00	22025	6.172	31.37	20.43	11.74	4.153	30.06	21.52	9.95	63.05	63.44	17.62	14.13	0	322	26.45	9.43	0	12
1/26/2012 18:00	22026	2.433	109	48.73	8.16	1.307	81.2	38.89	6.368	62.41	62.54	17.74	14.94	0	119.7	26.42	2.276	-7.157	12
1/26/2012 19:00	22027	5.472	157.2	7.13	8.16	1.678	131.8	16.34	4.578	55.95	52.57	28.37	29.37	0	5.716	26.38	3.513	1.237	15.77
1/26/2012 20:00	22028	6.073	162.3	8.92	9.95	2.115	126.4	20.97	4.578	51.05	47.38	39.92	41.06	0	0.001	26.33	5.313	1.799	12.08
1/26/2012 21:00	22029	5.585	215.4	12.51	9.95	1.717	230.7	16.31	4.578	47.6	44.52	48.43	49.77	0	0	26.3	6.191	0.879	11.99
1/26/2012 22:00	22030	5.704	216	8.19	9.95	1.728	218.2	15.81	6.368	46.23	42.87	53.82	54.92	0	0	26.27	6.06	-0.131	11.98
1/26/2012 23:00	22031	6.772	213.2	5.853	9.95	3.27	215.9	8.79	6.368	42.67	42.03	60.25	60.02	0	0	26.25	6.396	0.337	15.28
1/27/2012 0:00	22032	7.238	209.1	7.237	11.74	3.615	208.9	11.48	8.16	29.31	41.6	62.14	61.93	0	0	26.23	6.504	0.108	11.95
1/27/2012 1:00	22033	7.607	201.9	8.09	13.52	4.045	205.4	13.2	8.16	27.24	40.77	65.68	65.03	0	0	26.2	6.479	-0.025	12.08
1/27/2012 2:00	22034	6.676	206.7	10.96	9.95	3.528	212	16.28	8.16	26.97	40.39	67	65.71	0	0	26.17	6.606	0.127	14.76
1/27/2012 3:00	22035	7.464	210.8	13.18	11.74	4.234	218.3	18.06	8.16	26.17	40.07	66.79	65.53	0	0	26.16	6.787	0.181	14.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/27/2012 4:00	22036	6.357	204.3	9.69	9.95	3.067	211.2	15.52	6.368	24.34	38.38	68.47	67.81	0	0	26.14	6.834	0.048	12.05
1/27/2012 5:00	22037	4.374	227.6	16.57	9.95	2.053	245.1	21.75	4.578	21.92	36.72	73.35	71.13	0	0	26.11	6.654	-0.181	15.83
1/27/2012 6:00	22038	4.545	221.6	11.8	8.16	1.475	239.2	19.31	4.578	20.45	34.69	77.24	74.92	0	0	26.09	6.61	-0.044	11.92
1/27/2012 7:00	22039	3.72	255.3	22.32	6.368	1.457	289.7	23.52	4.578	19.2	33.86	79.4	77.33	0	0	26.08	6.366	-0.244	15.1
1/27/2012 8:00	22040	4.154	249.6	30.61	8.16	1.994	240.1	55.32	6.368	18.29	32.44	80.6	78.65	0	2.725	26.1	7.659	1.293	15.66
1/27/2012 9:00	22041	2.981	222.9	13.67	6.368	0.522	176.1	27.59	4.578	20.21	36.9	73.02	72.51	0	113.9	26.12	6.162	-1.497	11.83
1/27/2012 10:00	22042	4.471	226.1	22.82	9.95	3.43	228.2	21.98	8.16	26.2	47.38	59.76	55.24	0	288.9	26.2	5.795	-0.367	12.04
1/27/2012 11:00	22043	7.357	253.7	13.22	15.31	5.911	253.6	14.85	11.74	34.73	55.45	45.13	41.27	0	482.2	26.28	9.44	3.641	12
1/27/2012 12:00	22044	13.74	278	11.07	22.47	10.64	278.5	15.06	18.89	47.3	63.92	26.67	23.52	0	609.6	26.32	9.43	-0.003	16.45
1/27/2012 13:00	22045	16.75	289.5	10.28	27.84	12.95	292.6	13.97	24.26	47.7	67.35	22.99	19.47	0	683.8	26.32	9.43	0	11.83
1/27/2012 14:00	22046	15.25	277.5	18.9	27.84	12.89	288.7	15.43	24.26	68.48	69.42	18.57	18.85	0	691.4	26.31	9.42	-0.016	16.45
1/27/2012 15:00	22047	15.73	297.2	12.29	27.84	11.96	300.9	15.18	22.47	70.07	70.8	16.65	17.41	0	633.5	26.31	9.42	0.006	12
1/27/2012 16:00	22048	15.85	304.7	12.65	26.05	13.29	306.8	14.58	24.26	70.66	71.08	14.82	15.82	0	511.9	26.32	9.42	-0.003	12.08
1/27/2012 17:00	22049	15.14	324.6	13.3	26.05	12.25	327.4	13.63	22.47	70.45	70.63	14.78	15.98	0	332.1	26.33	9.44	0.016	11.83
1/27/2012 18:00	22050	13.53	330.6	6.522	24.26	10.9	332.4	8.38	18.89	67.46	66.86	17.65	19.5	0	74.05	26.33	9.43	-0.003	16.44
1/27/2012 19:00	22051	11.75	347.9	9.95	17.1	8.22	348.4	11.49	15.31	62.9	61.81	19.88	22.27	0	4.038	26.33	9.44	0.002	15.29
1/27/2012 20:00	22052	16.12	28.33	16.89	34.99	9.9	30.69	20.83	24.26	54.21	57.19	27.47	28.24	0	0.02	26.36	9.43	-0.003	11.97
1/27/2012 21:00	22053	21.49	40.26	10.04	34.99	12.73	43.67	13.74	26.05	35.43	51.37	37.78	37.86	0	0.008	26.39	9.41	-0.02	12.01
1/27/2012 22:00	22054	20.38	44.03	7.915	31.42	11.82	44.45	13.2	24.26	30.93	47.98	41.72	41.78	0	0.004	26.4	9.42	0.01	16.33
1/27/2012 23:00	22055	19.77	44.18	8.1	29.63	11.65	44.78	12.77	24.26	29.14	45.71	46.07	45.83	0	0.002	26.42	9.43	0.01	15.35
1/28/2012 0:00	22056	20.07	56.35	8.78	29.63	13.87	58.06	12.67	26.05	26.79	43.8	47.48	47.35	0	0.001	26.43	9.43	0	11.97
1/28/2012 1:00	22057	18.4	59.18	7.847	42.15	12.63	59.89	12.53	29.63	25.53	42.54	49.68	49.32	0	0.001	26.45	9.43	0.001	12.1
1/28/2012 2:00	22058	14.08	59.51	8.52	22.47	9.7	60.27	13.16	17.1	23.87	41.08	53.13	52.43	0	0.001	26.47	9.44	0.001	15.73
1/28/2012 3:00	22059	12.43	48.88	10.58	20.68	7.82	50.73	14.67	15.31	22.46	40.27	54.3	53.49	0	0.001	26.49	9.44	0.001	15.21
1/28/2012 4:00	22060	13.43	47.92	9.31	20.68	8.12	48.85	14.18	15.31	24.18	39.94	52.19	51.6	0	0	26.51	9.44	0	12.11
1/28/2012 5:00	22061	16.35	60.8	10.03	26.05	11.35	61.5	14.15	20.68	20.63	39.26	47.56	47.43	0	0.001	26.52	9.44	0	14.87
1/28/2012 6:00	22062	12.43	60.22	11	22.47	8.44	61.45	14.53	17.1	19.57	38.02	49.74	49.35	0	0	26.54	9.44	0	11.69
1/28/2012 7:00	22063	9.18	54.76	13.76	18.89	6.092	56.02	16.69	15.31	18.44	36.81	48.94	48.65	0	0	26.57	9.44	0	13.82
1/28/2012 8:00	22064	5.177	30.04	19.72	13.52	3.188	31.26	22.74	9.95	17.08	35.83	52.83	52.07	0	1.503	26.59	9.44	0	12.12
1/28/2012 9:00	22065	4.501	352.2	17.18	6.368	3.407	349.7	21.03	6.368	16.53	35.88	53.92	53.1	0	49.4	26.62	6.143	-3.293	12.07
1/28/2012 10:00	22066	6.36	56.62	23.45	11.74	4.224	56.52	26.79	9.95	17.64	38.38	47.16	46.22	0	226.7	26.64	1.482	-4.661	14
1/28/2012 11:00	22067	8.09	108.4	22.65	15.31	5.97	109.2	30.17	13.52	22.89	42.5	37.17	36.02	0	461.6	26.68	-1.475	-2.957	12.04
1/28/2012 12:00	22068	6.138	122.8	33.8	13.52	4.629	126.4	39.01	11.74	25.3	45.75	31.41	30.55	0	568.2	26.72	-1.452	0.023	11.96
1/28/2012 13:00	22069	7.749	158.1	26.97	15.31	5.703	164	29.47	11.74	27.62	47.96	28.97	27.83	0	659.2	26.73	9.44	10.89	16.71
1/28/2012 14:00	22070	8.42	157.4	23.75	18.89	6.156	162.4	27.53	13.52	27.34	47.34	26.95	26.19	0	417.6	26.69	9.43	-0.003	16.11
1/28/2012 15:00	22071	9.02	158.8	22.99	17.1	6.475	165	25.6	13.52	29.21	48.37	22.61	22.29	0	386.2	26.63	9.43	0	12.08
1/28/2012 16:00	22072	9.62	162.4	16.72	17.1	6.714	166	20.91	13.52	29.87	48.24	20.65	20.64	0	277.6	26.62	9.43	0	11.86
1/28/2012 17:00	22073	7.35	144.6	15.56	13.52	5.015	148	19.13	9.95	27.41	46.29	24.78	24.96	0	115.5	26.61	9.44	0.002	15.92
1/28/2012 18:00	22074	5.995	118	17.55	9.95	3.722	117.4	23.28	9.95	28.72	44.71	27.49	28.58	0	57.84	26.59	8.73	-0.707	11.95
1/28/2012 19:00	22075	5.862	107.4	7.27	8.16	2.839	93.5	15.5	4.578	40.05	39.52	33.21	37.76	0	6.171	26.57	2.678	-6.051	14.46
1/28/2012 20:00	22076	7.129	101.7	13.82	11.74	3.501	90	17.92	6.368	39.53	36.2	39.67	45.21	0	0	26.55	6.159	3.481	11.99
1/28/2012 21:00	22077	8.12	121.7	5.386	9.95	3.578	106.5	13.16	6.368	34.53	33.6	43.78	51.03	0	0	26.53	4.629	-1.529	12.11
1/28/2012 22:00	22078	7.699	123.7	4.349	9.95	3.354	95.9	10.33	4.578	28.98	32.63	44.16	52.64	0	0	26.53	5.078	0.448	11.96
1/28/2012 23:00	22079	7.637	130.6	4.728	9.95	2.798	106.4	8.81	4.578	29.68	31.35	46.09	55.14	0	0	26.52	5.373	0.296	12.13
1/29/2012 0:00	22080	3.672	205.4	25.97	6.368	0.931	242.4	21.95	4.578	24.66	30.19	53.91	58.59	0	0	26.51	5.558	0.184	11.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/29/2012 1:00	22081	4.719	238.3	26.22	8.16	1.818	281.9	31.96	4.578	23.19	29.91	56.42	60.23	0	0	26.49	5.773	0.216	12.01
1/29/2012 2:00	22082	5.718	266.5	17.04	8.16	2.628	294.5	20.71	6.368	15.68	29.06	57.12	63.39	0	0	26.48	5.589	-0.184	12.04
1/29/2012 3:00	22083	4.865	250.4	12.61	6.368	0.64	277.2	13.79	2.789	13.63	27.46	60.96	67.35	0	0	26.47	5.215	-0.374	15.77
1/29/2012 4:00	22084	4.913	262.3	20.17	8.16	1.481	305.9	13.25	4.578	11.53	26.22	62.37	69.19	0	0	26.46	5.181	-0.034	12.24
1/29/2012 5:00	22085	5.57	269	13.84	8.16	2.203	292.3	11.41	4.578	12.53	27.07	59.4	67.08	0	0	26.46	5.362	0.181	15.28
1/29/2012 6:00	22086	4.873	254.8	4.526	8.16	0.546	279.4	5.566	2.789	11.35	25.78	60.76	69.7	0	0	26.43	4.857	-0.505	13.5
1/29/2012 7:00	22087	3.386	261	11.35	4.578	0.5	306.4	4.931	2.789	9.38	25.42	64.61	70.71	0	0	26.42	4.667	-0.19	11.96
1/29/2012 8:00	22088	3.56	282.5	10.28	6.368	1.438	316.3	7.64	4.578	10.38	26.56	63.25	68.92	0	2.838	26.43	5.01	0.343	12.32
1/29/2012 9:00	22089	3.791	270.9	20.82	6.368	1.683	282.9	23.64	4.578	14.93	32.3	59.66	61.8	0	117.8	26.46	5.783	0.773	12.13
1/29/2012 10:00	22090	5.903	210.8	12.3	9.95	4.597	215.4	13.46	8.16	20.96	39.33	56.5	55.11	0	322.4	26.52	5.789	0.006	14.38
1/29/2012 11:00	22091	9.54	205.4	9.81	15.31	7.311	209.7	13.34	13.52	26.51	45.76	44.15	43	0	500	26.59	2.363	-3.427	15.56
1/29/2012 12:00	22092	11.48	201.3	10.69	17.1	8.7	205.2	14.1	13.52	31.57	51.14	35.92	34.5	0	631.2	26.62	-0.818	-3.181	15.59
1/29/2012 13:00	22093	12.04	203.1	12.25	18.89	9.26	206.9	14.96	15.31	36.84	55.61	32.13	30.81	0	705.1	26.62	9.43	10.25	13.96
1/29/2012 14:00	22094	10.95	205.6	12.98	17.1	8.53	209.2	15.2	15.31	41.33	59.92	29.44	28.26	0	710.6	26.6	9.43	-0.002	15.56
1/29/2012 15:00	22095	11.75	205.4	11.95	18.89	8.96	208.9	14.2	15.31	44.1	62.32	27.21	26.1	0	651.8	26.58	9.43	0	12.05
1/29/2012 16:00	22096	13.07	199.7	10.26	20.68	9.53	202.9	13.55	17.1	47.24	63.23	25.96	24.89	0	533.7	26.56	9.43	0	12.02
1/29/2012 17:00	22097	12.65	202.8	10.92	18.89	9.14	206.1	13.56	15.31	44.85	62.98	25.52	24.9	0	364.5	26.54	9.43	0	11.99
1/29/2012 18:00	22098	11.67	192.7	8.25	17.1	7.759	196.9	12.57	13.52	48.92	60.92	27.09	27.04	0	161.1	26.52	9.44	0.002	12
1/29/2012 19:00	22099	7.205	178.2	11.04	11.74	3.346	167.7	23.27	8.16	53.84	51.63	35.8	37.89	0	8.72	26.49	9.43	-0.003	12.53
1/29/2012 20:00	22100	8.56	175.7	5.715	11.74	3.542	174.1	15.22	6.368	48.89	44.94	42.68	47.37	0	0.002	26.44	4.599	-4.834	11.96
1/29/2012 21:00	22101	5.227	178.9	15.88	9.95	1.291	178.1	16.4	4.578	45.45	42.77	47.53	51.81	0	0	26.41	5.18	0.581	11.95
1/29/2012 22:00	22102	3.673	181	14.84	9.95	1.163	145	21.6	4.578	30.27	42.14	50.33	54.25	0	0	26.4	5.635	0.455	15.63
1/29/2012 23:00	22103	3.463	175.6	35.4	9.95	0.87	32.85	41.44	6.368	29.65	40.73	56.4	59.52	0	0	26.38	5.381	-0.254	15.77
1/30/2012 0:00	22104	4.897	241.1	22.65	9.95	1.503	292.7	12.77	6.368	27.03	38	59.05	65.56	0	0	26.38	5.625	0.244	11.97
1/30/2012 1:00	22105	6.218	205.3	6.116	9.95	2.295	212.2	11.94	6.368	26.8	37.39	60.58	65.51	0	0	26.36	5.737	0.111	15.82
1/30/2012 2:00	22106	5.64	206.8	8.44	8.16	2.348	221.9	16.12	4.578	24.45	35.59	65.38	68.1	0	0	26.35	5.838	0.102	12.09
1/30/2012 3:00	22107	4.467	205	12.85	8.16	0.79	218.5	19.19	4.578	18.56	33.98	67.33	70.04	0	0	26.34	5.827	-0.011	11.87
1/30/2012 4:00	22108	3.282	245	19.62	4.578	0.844	309.9	4.281	4.578	27.36	32.98	68.61	72.18	0	0	26.31	5.748	-0.079	12.24
1/30/2012 5:00	22109	3.736	263.9	14.89	6.368	1.27	308.3	6.211	4.578	35.21	31.43	70.13	74.5	0	0	26.29	6.119	0.371	11.94
1/30/2012 6:00	22110	3.251	255.2	13.98	4.578	0.913	314.5	6.142	4.578	34.71	31.44	70.58	74.58	0	0	26.28	6.196	0.076	15.66
1/30/2012 7:00	22111	3.997	218.7	14.15	8.16	0.465	226.4	16.33	4.578	17.95	29.63	72.89	76.71	0	0	26.26	6.043	-0.152	11.92
1/30/2012 8:00	22112	3.946	228	13.01	6.368	0.416	281.3	11.43	2.789	14.15	29.16	75.69	77.86	0	2.753	26.26	6.008	-0.035	11.91
1/30/2012 9:00	22113	4.108	229.5	18.82	8.16	2.143	242	30.85	6.368	16.82	33.55	73.75	72.81	0	120	26.26	5.56	-0.448	12.04
1/30/2012 10:00	22114	6.645	230.6	14.11	9.95	5.164	231.2	15.2	9.95	24.49	40.7	69.32	66.17	0	322.7	26.33	4.806	-0.754	16.38
1/30/2012 11:00	22115	8.46	213	13.19	13.52	6.172	215.1	16	11.74	31.28	47.8	57.48	54.42	0	502.2	26.39	7.005	2.199	11.93
1/30/2012 12:00	22116	9.58	216.2	14.94	17.1	6.703	216.9	18.12	13.52	39.03	55.21	41.84	40.26	0	637.8	26.43	9.44	2.431	16.38
2/1/2012 16:00	22117	7.237	334.9	29.78	40.36	5.059	336.2	33	27.84	68.56	69.3	-7999	-7999	0	521.7	-7999	9.07	9.07	11.97
2/1/2012 17:00	22118	6.509	7.193	48.98	15.31	4.245	6.589	48.39	11.74	68.32	69.13	4.884	5.317	0	376.5	26.49	9.06	-0.012	12.06
2/1/2012 18:00	22119	4.622	12.11	44.88	8.16	2.991	14.71	43.19	8.16	67.45	67.78	5.34	6.181	0	172.8	26.48	9.05	-0.009	13.12
2/1/2012 19:00	22120	5.612	49.15	13.01	8.16	2.73	52.85	11.92	6.368	61.38	59.15	10.28	13.3	0	11.74	26.45	9.04	-0.013	12.08
2/1/2012 20:00	22121	6.712	51.49	7.1	9.95	3.399	54.8	9.73	6.368	56.34	52.53	13.69	18.61	0	0.003	26.4	9.03	-0.005	14.58
2/1/2012 21:00	22122	7.805	57.04	5.522	9.95	3.745	56.03	10.98	8.16	53.1	49.03	17.56	22.7	0	0.002	26.38	9.02	-0.008	15.83
2/1/2012 22:00	22123	8.41	61.52	5.248	11.74	4.016	55.38	9.13	6.368	51.53	47.26	19.85	25.58	0	0.001	26.36	9.02	-0.006	11.97
2/1/2012 23:00	22124	10.27	67.52	6.116	15.31	5.548	58.78	10.8	9.95	50.07	46.93	21.17	25.23	0	0	26.34	9.01	-0.009	15.79
2/2/2012 0:00	22125	10.91	82.6	7.611	15.31	5.33	81.1	15.89	8.16	47.48	45.02	24.26	27.3	0	0	26.33	9	-0.006	12.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/2/2012 1:00	22126	11.23	84.4	4	26.05	5.146	83.7	13.4	8.16	46.11	43.35	25.5	28.96	0	0	26.31	8.99	-0.008	12.2
2/2/2012 2:00	22127	10.59	85.5	5.182	15.31	5.119	83.3	13.43	9.95	44.52	42.22	28.78	31.44	0	0	26.3	8.99	-0.006	15.46
2/2/2012 3:00	22128	10.6	80.6	7.43	13.52	5.45	76.87	15.17	9.95	42.85	41.1	32.21	33.88	0	0	26.28	8.99	-0.003	15.72
2/2/2012 4:00	22129	10.87	85.2	7.499	15.31	5.76	81.7	15.08	9.95	42.71	40.83	32.65	34.61	0	0	26.26	8.98	-0.006	12.05
2/2/2012 5:00	22130	10.94	85.2	6.787	15.31	5.883	81.6	14.22	9.95	40.71	39.31	37.89	38.68	0	0	26.24	8.97	-0.006	12.59
2/2/2012 6:00	22131	9.48	93	8.73	13.52	5.541	89.3	15.68	9.95	39.75	38.39	50.26	49.78	0	0	26.22	8.97	-0.003	12.03
2/2/2012 7:00	22132	9.61	96.3	11.37	15.31	6.162	94.1	17.13	9.95	41.12	40.42	61.75	59.69	0	0	26.21	8.97	-0.003	14.71
2/2/2012 8:00	22133	11.68	86.9	8.12	17.1	7.184	84.3	15.47	13.52	39.86	39.46	66.35	63.81	0	2.571	26.2	8.96	-0.003	15.74
2/2/2012 9:00	22134	12.26	100.6	10.19	20.68	8.37	99.9	16.57	15.31	32.95	41.32	67.68	64.56	0	57.86	26.18	8.96	0	12.08
2/2/2012 10:00	22135	15.4	125.2	11	24.26	9.66	128.5	17.66	18.89	28.08	46.52	69.78	65.71	0	131.2	26.19	8.96	-0.006	12.2
2/2/2012 11:00	22136	17.88	144.7	10.03	27.84	11.33	149.7	15.77	20.68	33.35	52.1	78.86	72.88	0	238.4	26.22	8.96	0.002	14.78
2/2/2012 12:00	22137	18.24	161.6	11.46	29.63	11.61	165.8	17.06	22.47	39.74	58.35	72.4	66.16	0	433.3	26.24	8.96	-0.002	14.32
2/2/2012 13:00	22138	18.38	174.7	10.24	27.84	11.86	179.4	16.06	24.26	44.41	62.58	58.36	53.85	0	454.6	26.24	8.95	-0.004	12.08
2/2/2012 14:00	22139	19.07	187.1	10.91	31.42	12.96	191.9	15.06	22.47	58.93	66.58	47.93	43.97	0	639.5	26.23	8.95	-0.005	12.05
2/2/2012 15:00	22140	19.21	175.3	10.92	27.84	12.82	178.8	16.54	24.26	66.69	68.86	43.73	39.8	0	671.4	26.23	8.94	-0.007	12.06
2/2/2012 16:00	22141	16.98	184.5	15.91	29.63	11.68	187.7	19.47	20.68	69.09	70.73	34.19	31.66	0	550.1	26.21	8.93	-0.017	12.05
2/2/2012 17:00	22142	15.96	189.6	11.27	26.05	10.99	192.5	15.19	18.89	69.44	70.55	32.44	30.45	0	363.8	26.19	8.91	-0.012	12.04
2/2/2012 18:00	22143	12.97	171.3	13.65	20.68	8.38	174.7	17.99	18.89	68.72	69.13	37.27	35.8	0	160.4	26.18	8.87	-0.044	12.42
2/2/2012 19:00	22144	12.17	148.7	6.998	18.89	7.303	149.8	12.16	13.52	64.12	63.17	52.42	51.4	0	10.54	26.16	8.86	-0.007	12.24
2/2/2012 20:00	22145	13.07	147.3	8.1	20.68	8.11	148.7	12.78	15.31	45.84	59.36	73.08	70.44	0	0.022	26.14	8.85	-0.009	14.49
2/2/2012 21:00	22146	14.13	143.5	8.38	24.26	8.96	145.6	13.72	17.1	39.88	56.99	81.4	78.27	0	0.013	26.12	8.85	-0.006	12.03
2/2/2012 22:00	22147	13.79	153	8.74	22.47	8.58	154.5	13.62	17.1	37.99	55.52	86.8	83.1	0	0.008	26.12	8.84	-0.002	12.01
2/2/2012 23:00	22148	15.08	160.2	8.57	24.26	9.49	162.3	13.8	18.89	41.27	55.97	88.3	84.4	0	0.009	26.12	8.84	-0.006	16.25
2/3/2012 0:00	22149	16.91	166.6	9.18	27.84	10.78	169.9	14.18	20.68	44.66	56.71	87.8	83.5	0	0.016	26.13	8.84	0.003	11.88
2/3/2012 1:00	22150	17.76	174.4	9.04	27.84	11.18	178	14.65	22.47	49.92	57.34	86.5	82.1	0	0.015	26.13	8.84	-0.003	14.94
2/3/2012 2:00	22151	17.35	178.1	8.17	27.84	11.16	182	13.89	18.89	46.07	57.84	86.6	82.1	0	0.023	26.13	8.84	-0.001	12.04
2/3/2012 3:00	22152	12.43	194.9	10.78	18.89	8.55	198.6	13.97	17.1	40.22	57.56	86.4	82	0	0.019	26.14	8.84	0	12.08
2/3/2012 4:00	22153	11.36	193.3	7.802	18.89	7.551	196.5	12.18	13.52	37.99	56.05	88	84	0	0.015	26.14	8.83	-0.003	12.22
2/3/2012 5:00	22154	11.65	205.2	10.01	18.89	8.14	208.9	12.58	15.31	36.52	54.85	88.1	83.9	0	0.014	26.15	8.83	0	15.56
2/3/2012 6:00	22155	9.34	241	18.83	15.31	7.198	241.8	17.92	13.52	34.33	52.69	88.1	83.5	0	0.009	26.16	8.83	-0.003	12.06
2/3/2012 7:00	22156	5.899	266.2	9.73	9.95	3.218	267.1	17.79	8.16	30.15	47.45	89.9	85.2	0	0.001	26.16	8.83	-0.001	14.56
2/3/2012 8:00	22157	4.507	282.5	15.36	6.368	1.232	313.9	10.46	4.578	26.25	41.93	92.1	86.5	0	2.787	26.15	8.83	-0.003	12.06
2/3/2012 9:00	22158	5.392	303.9	11.08	17.1	3.511	305.4	13.86	13.52	21.98	40.84	92.1	87.3	0	92.9	26.16	8.82	-0.005	11.99
2/3/2012 10:00	22159	9.86	319.7	12.31	17.1	8.18	322.3	12.88	15.31	27.45	46.65	65.55	65.91	0	313	26.22	8.79	-0.037	11.98
2/3/2012 11:00	22160	11.83	319.3	10.82	20.68	9.92	323	12.13	17.1	44.24	53.06	35.12	35.38	0	499.9	26.3	8.76	-0.022	13.8
2/3/2012 12:00	22161	15.14	323.4	10.1	22.47	12.57	326.4	11.6	20.68	49.1	55.64	32.44	31.84	0	646.4	26.34	8.76	-0.007	15.87
2/3/2012 13:00	22162	15.38	316.6	13.27	26.05	13.02	319.7	14.01	22.47	54.31	57.59	30.88	30.18	0	719.9	26.35	8.74	-0.017	12.1
2/3/2012 14:00	22163	16.16	302.6	15.31	26.05	12.09	306.7	22.46	22.47	56.12	60.52	22.7	22.28	0	729.9	26.34	8.73	-0.007	12.11
2/3/2012 15:00	22164	14.64	307.3	14.16	24.26	11.75	311.3	17.37	22.47	61.04	61.89	21.38	20.98	0	670.7	26.33	8.72	-0.016	16.05
2/3/2012 16:00	22165	11.88	295.2	17.47	22.47	10.1	297.2	20.71	18.89	63.09	63.4	12.97	13.37	0	553.1	26.34	8.71	-0.01	15.73
2/3/2012 17:00	22166	10.35	292.8	14.03	18.89	8.76	294.8	17.08	15.31	62.62	62.8	12.87	13.19	0	348.8	26.35	8.69	-0.016	15.69
2/3/2012 18:00	22167	8.58	310.5	27.57	15.31	6.801	314	28.28	13.52	61.35	61.22	14.45	15.1	0	152.2	26.35	8.67	-0.018	12.02
2/3/2012 19:00	22168	8.93	0.265	14.61	15.31	6.199	0.724	16.76	11.74	55.72	55.19	21.81	22.41	0	6.81	26.33	8.67	-0.008	12.03
2/3/2012 20:00	22169	11.79	35.63	13.19	18.89	6.885	40.15	19.59	17.1	50.88	50.69	37.1	35.79	0	0.004	26.32	8.66	-0.01	15.86
2/3/2012 21:00	22170	15.43	38.22	12.35	29.63	8.99	41.46	18.63	22.47	48.03	47.9	50.33	48.22	0	0.001	26.32	8.65	-0.009	12.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/3/2012 22:00	22171	18.59	39.64	10.19	29.63	11.43	44.03	15.66	24.26	45.72	45.66	58.71	55.83	0	0	26.33	8.64	-0.01	12.03
2/3/2012 23:00	22172	15.97	35.78	11.69	26.05	9.43	41.02	17.72	20.68	40.18	43.49	65.21	61.87	0	0	26.35	8.63	-0.005	12.22
2/4/2012 0:00	22173	16.44	36.9	10.51	27.84	10.05	43.07	15.71	20.68	36.42	41.75	66.98	63.59	0	0	26.36	8.62	-0.008	16.03
2/4/2012 1:00	22174	15.53	36.84	10.89	33.21	9.48	41.78	16.55	26.05	39.56	39.47	66.83	63.48	0	0	26.38	8.62	-0.006	12.15
2/4/2012 2:00	22175	18.09	24.61	9.89	27.84	10.34	27.09	22.35	24.26	37.2	37.21	63.58	60.41	0	0	26.38	8.61	-0.006	11.85
2/4/2012 3:00	22176	19	24.44	9.65	27.84	10.57	27.26	21.96	22.47	36.16	36.18	62.2	59.01	0	0	26.37	8.6	-0.006	14.5
2/4/2012 4:00	22177	20.22	22.18	9.52	31.42	11.89	24.56	21.53	27.84	35.74	35.89	61.04	57.97	0	0	26.36	8.6	-0.003	11.99
2/4/2012 5:00	22178	23.18	21.09	8.84	34.99	14.56	21.43	20.68	31.42	26.67	35.97	59.29	56.34	0	0	26.36	8.6	-0.006	13.73
2/4/2012 6:00	22179	17.45	24.9	10.02	29.63	9.95	27.38	22.06	22.47	27.23	35.35	60.52	57.43	0	0	26.39	8.59	-0.006	14.27
2/4/2012 7:00	22180	12.67	19.29	13	24.26	7.825	19.99	22.47	18.89	25.78	35.09	60.45	57.49	0	0	26.41	8.58	-0.006	15.61
2/4/2012 8:00	22181	11.48	7.836	11.78	20.68	8.24	8	16.29	17.1	23.79	34.81	60.55	57.6	0	1.582	26.44	8.58	0	15.32
2/4/2012 9:00	22182	11.92	12.92	11.02	20.68	8.27	13.3	19.15	17.1	23.58	35.25	59.95	56.85	0	60.28	26.46	8.58	0	14.97
2/4/2012 10:00	22183	17.22	20.02	10.72	29.63	10.97	20.67	21.1	24.26	25.25	37.8	56.65	52.95	0	271	26.5	8.57	-0.01	11.88
2/4/2012 11:00	22184	15.42	26.01	13.02	24.26	9.5	28.62	22.11	20.68	27.08	39.62	53.21	49.76	0	356.1	26.53	8.57	-0.008	12.03
2/4/2012 12:00	22185	14.55	35.45	13.64	24.26	8.73	39.1	20.34	20.68	29.49	44.19	46.32	43.05	0	624.7	26.57	8.56	-0.005	15.87
2/4/2012 13:00	22186	13.73	33.81	16.96	26.05	8.58	36.21	23.53	22.47	30.94	47.07	42.14	38.81	0	610.8	26.58	8.55	-0.009	12.44
2/4/2012 14:00	22187	13.42	36.99	15.57	24.26	8.47	39.93	21.62	17.1	31.47	48.53	39.99	36.88	0	543.6	26.56	8.54	-0.01	12.51
2/4/2012 15:00	22188	12.97	38.64	16.14	22.47	8.39	41.12	21.83	18.89	44.67	50.71	37.72	34.75	0	649.2	26.55	8.54	0	11.99
2/4/2012 16:00	22189	13.82	32.13	15.8	24.26	8.87	33.99	22.9	20.68	49.43	50.57	37.6	34.79	0	486.1	26.55	8.53	-0.016	12.07
2/4/2012 17:00	22190	14.56	30.37	13.12	24.26	8.92	32.86	21.96	20.68	48.51	49.21	38.43	36.06	0	239.7	26.53	8.51	-0.013	12.15
2/4/2012 18:00	22191	13.68	36.48	11.99	22.47	8.26	41.5	17.87	18.89	47.67	47.91	40.01	38.09	0	114.1	26.51	8.51	-0.007	15.78
2/4/2012 19:00	22192	11.98	44.99	11.09	20.68	7.464	48.23	15.28	15.31	45.67	45.52	42.95	41.37	0	13.55	26.51	8.49	-0.012	15.7
2/4/2012 20:00	22193	8.73	51.72	9.78	13.52	5.613	54.33	13.07	11.74	42.59	42.2	47.76	46.26	0	0.001	26.5	8.49	-0.006	12.55
2/4/2012 21:00	22194	9.22	48.5	8.56	15.31	5.805	51.4	12.85	11.74	34.38	39.93	52.34	50.39	0	0	26.51	8.48	-0.004	14.24
2/4/2012 22:00	22195	10.27	50.02	8.84	17.1	6.598	52.94	12.73	11.74	23	38.07	56.82	54.43	0	0	26.52	8.48	-0.006	15.64
2/4/2012 23:00	22196	10.31	49.52	9.01	17.1	6.578	52.41	13.77	13.52	22.32	36.64	60.62	57.92	0	0	26.52	8.47	-0.003	12.09
2/5/2012 0:00	22197	9.29	35.28	13.91	15.31	5.604	38.92	20.21	11.74	20.73	35.2	63.64	60.51	0	0	26.53	8.47	-0.003	11.99
2/5/2012 1:00	22198	9.39	30.91	11.5	18.89	5.456	35.97	20.24	11.74	21.82	35.88	64.52	61.17	0	0	26.53	8.47	-0.003	15.41
2/5/2012 2:00	22199	11.44	31.16	11.11	18.89	6.511	36.82	19.85	15.31	20.44	36.04	64.6	61.27	0	0	26.53	8.47	-0.003	15.45
2/5/2012 3:00	22200	9.28	37.1	12.17	15.31	5.585	41.5	17.83	11.74	18.19	34.75	66.48	62.94	0	0	26.53	8.46	-0.006	11.92
2/5/2012 4:00	22201	8.29	18.62	15.25	13.52	5.594	20.24	21.45	11.74	15.53	32.77	69.79	65.84	0	0	26.52	8.46	-0.003	15.47
2/5/2012 5:00	22202	7.039	359.4	9.15	9.95	5.035	356.9	12.51	9.95	13.41	30.53	74	69.71	0	0	26.5	8.46	0.002	14.67
2/5/2012 6:00	22203	9.91	18.61	11.23	17.1	6.547	18.72	19.86	15.31	11.52	29.05	76.22	71.72	0	0	26.49	8.46	-0.003	11.99
2/5/2012 7:00	22204	10.06	19.56	9.34	17.1	6.741	18.29	19.38	13.52	11.13	29.36	76.19	71.91	0	0	26.49	8.46	0	12.32
2/5/2012 8:00	22205	7.991	19.97	11.25	13.52	4.993	2.949	27.58	11.74	11.51	29.84	75.95	71.7	0	3.713	26.51	8.46	0	12.24
2/5/2012 9:00	22206	7.674	16.2	11.6	15.31	4.929	352.9	12.18	11.74	12.83	31.59	73.39	68.57	0	127.2	26.53	8.46	0	12.06
2/5/2012 10:00	22207	10.5	22.67	12.62	17.1	6.729	0.957	11.11	15.31	16.68	35.15	66.43	61.55	0	298.5	26.57	8.45	-0.003	15.62
2/5/2012 11:00	22208	10.76	38.08	14.16	17.1	6.852	357.9	14.88	13.52	19.1	38.47	56.24	52.34	0	378.9	26.61	8.45	-0.003	15.28
2/5/2012 12:00	22209	10.75	44.84	16.44	20.68	6.953	44.41	18.8	15.31	21.43	41.09	46.25	43.2	0	457.3	26.62	8.45	-0.003	15.35
2/5/2012 13:00	22210	7.634	69.3	23.73	15.31	5.542	71.76	23.84	13.52	25.3	45.24	37.82	35.12	0	612.2	26.63	8.44	-0.005	15.99
2/5/2012 14:00	22211	7.75	67.45	26.05	17.1	5.722	59.82	25.78	13.52	39.68	47	33.19	30.85	0	581.7	26.63	8.43	-0.008	11.99
2/5/2012 15:00	22212	6.868	79.11	34.77	15.31	5.001	16.23	12.24	11.74	46.11	47.53	31.34	29.39	0	514.9	26.6	8.43	-0.003	15.71
2/5/2012 16:00	22213	7.243	76.87	33.59	15.31	5.257	37.76	13.77	11.74	47.84	49.25	28.55	26.71	0	542.6	26.59	8.42	-0.006	11.96
2/5/2012 17:00	22214	7.39	76.09	24.29	15.31	5.358	60.22	10.83	11.74	46.62	47.61	29.83	28.14	0	202	26.57	8.42	-0.01	12.01
2/5/2012 18:00	22215	7.417	73.61	17.31	13.52	5.285	67.01	14.33	9.95	45.78	46.31	30.16	28.88	0	84.5	26.53	8.41	-0.008	12.07

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/5/2012 19:00	22216	6.946	77.02	8.92	11.74	4.156	71.96	10.44	8.16	44.62	44.06	29.88	29.89	0	12.86	26.5	8.4	-0.009	15.93
2/5/2012 20:00	22217	6.292	75.84	6.109	8.16	3.364	69.81	9.03	6.368	40.45	38.24	35.67	37.46	0	0	26.47	8.39	-0.007	12.83
2/5/2012 21:00	22218	6.996	96.8	14.8	9.95	3.373	85.4	10.14	6.368	35.28	34.82	39.26	43.02	0	0	26.45	8.39	-0.003	12.16
2/5/2012 22:00	22219	7.302	118.7	4.974	9.95	3.17	94.4	6.475	4.578	22.66	32.25	44.6	48.65	0	0	26.44	8.38	-0.005	12.07
2/5/2012 23:00	22220	6.2	129.9	5.64	8.16	2.823	88.7	8.93	4.578	19.46	31.76	46.58	51.22	0	0	26.43	8.38	-0.002	11.87
2/6/2012 0:00	22221	4.274	121.3	19.24	6.368	1.909	82.8	9.25	4.578	19.89	32.26	47.79	51.71	0	0	26.42	8.38	-0.003	15.63
2/6/2012 1:00	22222	2.157	102	16.44	4.578	0.972	70.21	1.806	2.789	19.21	33.6	49.46	51.93	0	0	26.43	8.38	0	12.17
2/6/2012 2:00	22223	4.638	88.5	11.16	8.16	2.707	73.15	12.13	4.578	19.07	33.58	52.15	53.78	0	0	26.43	8.38	0	13.4
2/6/2012 3:00	22224	6.306	97	11.93	9.95	3.98	94.3	13.72	8.16	19.38	34.9	53.55	52.98	0	0	26.43	8.37	-0.005	12.05
2/6/2012 4:00	22225	5.815	95	7.331	9.95	3.359	90.7	9.25	6.368	19.33	34.31	56.17	55.39	0	0	26.43	8.37	0	12.23
2/6/2012 5:00	22226	7.13	87	6.606	9.95	3.804	87.6	11.16	6.368	17.94	32.5	57.93	58.44	0	0	26.41	8.37	-0.002	14.76
2/6/2012 6:00	22227	6.386	75.06	7.725	8.16	3.632	69.67	11.84	6.368	17	32.14	61.77	60.85	0	0	26.39	8.37	0	12.15
2/6/2012 7:00	22228	6.851	85	9.27	9.95	4.359	83.1	14.79	8.16	18.46	33.56	62.83	60.63	0	0	26.39	8.37	-0.001	12.65
2/6/2012 8:00	22229	6.2	95.7	8.17	9.95	4.187	95.9	11.9	8.16	18.05	33.49	65.17	62.41	0	2.019	26.4	8.37	-0.003	15.29
2/6/2012 9:00	22230	6.516	113.3	11.89	13.52	4.525	111.7	15.8	8.16	26.09	35.62	63.05	60.08	0	42.86	26.41	8.37	-0.001	12.04
2/6/2012 10:00	22231	11.04	139.7	10.9	17.1	7.412	141	12.96	13.52	23.43	38.88	56.09	52.88	0	147.5	26.43	8.37	0	15.48
2/6/2012 11:00	22232	12.89	143.8	12.32	18.89	8.73	145.7	15.93	15.31	25.72	42.03	49.03	45.76	0	308.5	26.44	8.36	-0.002	15.43
2/6/2012 12:00	22233	13.76	151.8	13.43	20.68	9.47	150.4	16.2	17.1	27.78	45.78	41.77	38.37	0	583.6	26.46	8.36	-0.004	11.97
2/6/2012 13:00	22234	12.74	158.6	15.65	20.68	8.71	146.6	10.01	17.1	31.26	48.64	38.66	35.12	0	716.2	26.47	8.35	-0.009	15.57
2/6/2012 14:00	22235	11.05	161.8	22.92	20.68	7.734	157	23.19	17.1	34.2	51.15	35.36	32.06	0	725.4	26.46	8.35	-0.006	12.04
2/6/2012 15:00	22236	11.2	156.8	19.65	22.47	7.867	110.5	5.216	17.1	36.99	53.16	33.27	30.21	0	666.3	26.44	8.34	-0.01	11.95
2/6/2012 16:00	22237	10.92	162.9	18.59	18.89	7.565	121.8	2.861	15.31	37.68	54.44	33.65	30.63	0	548.3	26.42	8.32	-0.013	12.08
2/6/2012 17:00	22238	12.42	160.3	17.98	20.68	8.55	140.9	10.43	15.31	47.89	54.28	34.93	32.27	0	339.1	26.39	8.31	-0.012	15.94
2/6/2012 18:00	22239	12.54	168.3	11.64	18.89	8.23	168.5	13.18	15.31	52.29	52.85	36.15	34.38	0	156.8	26.36	8.3	-0.009	12.01
2/6/2012 19:00	22240	7.816	167.3	9.67	15.31	4.233	166.7	14.69	11.74	48.68	47.5	40.99	40.72	0	11.27	26.32	8.29	-0.011	15.23
2/6/2012 20:00	22241	6.726	133.2	6.179	8.16	2.749	110.9	8.19	4.578	44.7	41.36	47.35	49.57	0	0	26.29	8.29	-0.005	11.99
2/6/2012 21:00	22242	7.5	120.1	6.548	9.95	3.581	99.9	8.71	6.368	41.97	38.98	53.65	55.3	0	0	26.26	8.28	-0.001	11.94
2/6/2012 22:00	22243	8.34	125.6	5.821	11.74	4.152	116.6	8.04	6.368	40.94	38.72	57.27	58.18	0	0	26.26	8.28	-0.003	13.63
2/6/2012 23:00	22244	8.97	140.1	8.41	13.52	4.948	139.2	12.15	8.16	36.02	38.88	58.48	58.25	0	0	26.25	8.27	-0.006	12.1
2/7/2012 0:00	22245	7.174	137.7	8.09	11.74	3.73	133.8	11.46	8.16	25.9	38.2	60.01	59.73	0	0	26.25	8.27	-0.003	15.58
2/7/2012 1:00	22246	6.174	125.8	8.77	11.74	3.06	116.1	13.46	6.368	20.98	36.94	64.32	63.59	0	0	26.24	8.27	-0.003	15.8
2/7/2012 2:00	22247	5.482	109.4	7.484	8.16	2.826	89.5	8.63	4.578	19	34.63	68.52	67.74	0	0	26.24	8.27	0	11.91
2/7/2012 3:00	22248	5.928	87.8	13.58	8.16	3.312	75.73	13.18	4.578	16.99	33.25	71.4	70.37	0	0	26.22	8.26	-0.006	12.22
2/7/2012 4:00	22249	6.851	44.77	19.76	11.74	3.926	43.89	14.73	9.95	16.5	32.79	73.62	71.32	0	0	26.22	8.26	0.002	14.76
2/7/2012 5:00	22250	8.67	27.62	8.84	13.52	5.049	31.48	10.21	11.74	12.89	30.74	75.97	71.92	0	0	26.23	8.26	0	12.07
2/7/2012 6:00	22251	10.66	22.71	8.68	17.1	7.222	23.86	9.79	17.1	13.67	31.03	77.31	73	0	0	26.24	8.26	-0.003	15.22
2/7/2012 7:00	22252	9.07	31.22	13.29	13.52	5.679	33.54	13.09	11.74	14.52	31.66	77.81	73.49	0	0	26.27	8.26	-0.001	15.83
2/7/2012 8:00	22253	9.16	22.69	11.59	13.52	6.094	26.33	11.65	11.74	15.01	32.08	77.15	72.83	0	2.481	26.29	8.26	0	11.84
2/7/2012 9:00	22254	11.48	8.3	11.62	22.47	8.85	10.27	12.9	18.89	16.84	33.93	75.12	70.82	0	63.66	26.32	8.26	-0.002	15.42
2/7/2012 10:00	22255	16.95	9.98	11.31	27.84	12.98	12.4	12.25	22.47	21.72	37.45	66.02	62.4	0	205.9	26.36	8.26	0	11.93
2/7/2012 11:00	22256	22.35	18.21	10	34.99	15.97	19.8	10.76	31.42	22.47	39.59	62.22	58.48	0	323.7	26.41	8.26	-0.004	12.07
2/7/2012 12:00	22257	22.05	22.18	9.78	33.21	15.07	22.36	11.1	29.63	25.47	42.06	59.64	55.77	0	509.7	26.45	8.25	-0.008	15.9
2/7/2012 13:00	22258	20.37	25.47	11.86	31.42	13.09	27.07	13.11	26.05	29.53	45.92	53.91	50.32	0	706.5	26.49	8.25	-0.001	11.96
2/7/2012 14:00	22259	19.11	28.59	12.02	29.63	12.11	29.72	12.49	27.84	31.76	47.76	50.32	47.16	0	575.5	26.51	8.24	-0.008	12.09
2/7/2012 15:00	22260	17.35	35.44	13.26	27.84	10.66	35.34	13.48	24.26	32.89	49.93	45.65	42.69	0	646.1	26.52	8.23	-0.01	12.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/7/2012 16:00	22261	16.79	30.71	13.35	27.84	10.88	31.43	13.75	24.26	40.89	50.36	42.96	40.35	0	533.7	26.52	8.22	-0.01	12.1
2/7/2012 17:00	22262	15.26	36.83	13.58	24.26	9.53	36.87	13.55	20.68	49.04	49.55	43.11	40.62	0	371.7	26.53	8.21	-0.01	12.53
2/7/2012 18:00	22263	15.11	36.34	11.23	22.47	8.8	36.92	10.69	17.1	47.14	47.4	45	42.77	0	158.5	26.53	8.19	-0.015	14.28
2/7/2012 19:00	22264	12.98	28.08	9.99	22.47	8.08	30.86	10.38	18.89	42.56	42.58	50.78	48.39	0	8.45	26.53	8.18	-0.014	12.11
2/7/2012 20:00	22265	13.16	35.12	11.57	24.26	7.936	36.47	10.53	18.89	39.7	39.67	55.09	52.39	0	0	26.53	8.18	-0.005	12.08
2/7/2012 21:00	22266	13.89	34.01	10.66	22.47	8.33	36.81	9.8	18.89	36.59	36.55	60.23	57.1	0	0.001	26.54	8.14	-0.031	15.39
2/7/2012 22:00	22267	14.79	40.9	8.93	22.47	8.58	40.19	9.37	17.1	33.22	33.11	65.9	62.37	0	0	26.55	8.14	-0.003	15.55
2/7/2012 23:00	22268	15.44	42.94	7.866	24.26	9.19	41.64	9.05	18.89	30.96	30.86	69.63	65.88	0	0	26.54	8.14	0.002	11.9
2/8/2012 0:00	22269	15.75	42.72	8.48	24.26	9.1	40.79	9.26	18.89	24.95	29.25	72.18	68.29	0	0	26.53	8.14	-0.006	12.02
2/8/2012 1:00	22270	14.21	47.83	9.35	36.78	8.73	46.8	12.48	20.68	13.62	28.17	73.88	69.87	0	0	26.53	8.13	-0.006	11.85
2/8/2012 2:00	22271	13.4	38.49	9.8	22.47	7.909	40.65	8.69	15.31	11.94	27.18	74.29	70.29	0	0	26.52	8.13	0	11.81
2/8/2012 3:00	22272	11.37	37.24	11.15	18.89	6.724	38.82	10.47	13.52	10.58	25.74	75.4	71.21	0	0	26.51	8.13	-0.006	11.96
2/8/2012 4:00	22273	10.06	35	10.8	17.1	5.823	37.77	9.31	11.74	9.92	24.8	75.92	71.71	0	0	26.5	8.13	0	11.83
2/8/2012 5:00	22274	9.68	38.24	10.88	17.1	5.719	39.87	9.55	11.74	9.19	24.03	76.62	72.36	0	0	26.49	8.13	0.001	15.46
2/8/2012 6:00	22275	4.698	329.2	31.36	9.95	2.952	316.7	22.43	9.95	8.5	22.96	77.75	73.88	0	0	26.51	8.13	0	13.15
2/8/2012 7:00	22276	3.807	324.2	17.11	8.16	1.546	321.9	1.032	6.368	6.759	21.3	79.59	75.06	0	0	26.5	8.13	0.001	11.92
2/8/2012 8:00	22277	6.148	325	31.41	11.74	4.07	336.8	7.705	9.95	7.53	21.29	79.54	75.21	0	5.432	26.5	8.13	0	12.07
2/8/2012 9:00	22278	2.325	341.3	24	4.578	1.48	340.1	8.24	4.578	10.86	24.83	73.91	70.26	0	132.8	26.52	8.13	-0.001	13.86
2/8/2012 10:00	22279	4.31	92.6	43.5	9.95	3.132	357.7	3.485	8.16	19.09	31.98	64.47	60.87	0	331.6	26.57	8.13	0.002	12.19
2/8/2012 11:00	22280	6.811	136.6	28.31	13.52	5.111	9.79	73.82	11.74	23.89	35.57	56.95	53.01	0	514.6	26.62	8.13	-0.003	12.05
2/8/2012 12:00	22281	7.499	164.7	26.74	13.52	5.729	165.8	28.79	11.74	28.17	38.48	52.6	48.31	0	641.9	26.64	8.13	0.002	15.47
2/8/2012 13:00	22282	7.665	185.1	30.6	15.31	5.987	183.5	36.64	13.52	29.19	41.39	48.56	44.85	0	714.7	26.64	8.11	-0.014	15.33
2/8/2012 14:00	22283	7.056	201	27.78	13.52	5.737	207.5	27.23	13.52	35.12	44.83	45.54	42.3	0	720.9	26.61	8.11	-0.004	12.05
2/8/2012 15:00	22284	7.274	176.2	28.47	13.52	5.545	180.8	24.89	11.74	46.24	47.71	44.19	40.8	0	552.9	26.58	8.11	0	11.94
2/8/2012 16:00	22285	8.18	166.1	20.26	15.31	6.008	170.6	22.73	11.74	47.21	48.78	43.84	40.36	0	479.2	26.54	8.1	-0.006	12.6
2/8/2012 17:00	22286	8.48	160.5	21.64	18.89	6.076	164.5	25.9	13.52	48.39	49.92	44.38	40.87	0	379.2	26.52	8.1	0	11.95
2/8/2012 18:00	22287	8.6	172.8	14.38	15.31	5.978	178.7	17.04	11.74	48.06	48.97	46.2	43.25	0	176.1	26.49	8.09	-0.013	16.03
2/8/2012 19:00	22288	6.97	196.4	8.61	11.74	4.046	198.9	8.48	9.95	44.82	44.02	50.29	48.95	0	17.64	26.45	8.09	-0.004	11.94
2/8/2012 20:00	22289	6.16	179.1	14.95	8.16	2.519	182	18.33	4.578	40.49	37.86	55.91	56.51	0	0	26.41	8.08	-0.004	12.06
2/8/2012 21:00	22290	6.162	165.2	15.39	8.16	2.458	159.1	15.36	4.578	37.24	34.64	61.06	61.58	0	0	26.39	8.08	-0.006	11.93
2/8/2012 22:00	22291	5.017	140.9	7.443	6.368	1.93	139.4	0.309	4.578	35.96	33.33	64.57	64.92	0	0	26.39	8.08	-0.003	13.64
2/8/2012 23:00	22292	6.336	147	11.51	8.16	2.488	134.5	4.8	4.578	36.01	32.68	66.05	67.33	0	0	26.38	8.07	-0.002	14.79
2/9/2012 0:00	22293	5.189	161.6	6.15	8.16	1.126	159.6	0.237	2.789	33.92	31.28	70.02	70.42	0	0	26.37	8.07	-0.002	11.89
2/9/2012 1:00	22294	4.071	167	13.17	11.74	0.398	159.5	0.064	2.789	33.04	30.51	72.79	72.76	0	0	26.35	8.07	-0.003	12.15
2/9/2012 2:00	22295	3.815	197.3	9.11	6.368	0.28	160	0.268	2.789	32.9	30.49	75.01	74.44	0	0	26.33	8.07	0	15.89
2/9/2012 3:00	22296	4.144	214.8	12.01	6.368	1.329	171.6	11.47	4.578	32.89	31.02	77.51	75.62	0	0	26.32	8.07	0	12.12
2/9/2012 4:00	22297	4.736	224.4	22.39	8.16	2.045	201.4	0.961	4.578	32.67	30.44	78.93	77.33	0	0	26.31	8.07	0	12.27
2/9/2012 5:00	22298	3.947	236.9	12.03	6.368	1.122	202.8	0.217	4.578	32.25	30.3	79.89	77.99	0	0	26.29	8.06	-0.003	12.04
2/9/2012 6:00	22299	3.158	227.8	19.83	4.578	0.3	202.9	0	2.789	32.12	29.42	81.2	79.45	0	0	26.27	8.07	0.003	12.06
2/9/2012 7:00	22300	3.78	190	10.77	6.368	0.284	202.8	0	2.789	31.85	29.15	83.1	81.9	0	0	26.26	8.07	0	12.26
2/9/2012 8:00	22301	2.742	176.4	6.822	4.578	0.013	202.8	0.006	2.789	31.21	29.06	85.9	83.1	0	5.613	26.26	8.07	0	12.26
2/9/2012 9:00	22302	2.717	239.2	30.97	6.368	1.409	205.4	3.589	6.368	28.83	33.34	81.8	80.5	0	130.3	26.28	8.07	0	11.71
2/9/2012 10:00	22303	9.07	180.7	10.25	15.31	6.442	186.8	13.06	11.74	37.74	40.27	70.56	66.37	0	273.1	26.32	8.07	0	14.74
2/9/2012 11:00	22304	8.53	225.4	38.43	13.52	6.521	228	35.88	11.74	44.49	45.16	59.67	55.75	0	295.5	26.36	8.06	-0.012	12.06
2/9/2012 12:00	22305	5.516	278.4	28	11.74	4.416	283.9	27.53	11.74	47.75	48.03	55.06	51.59	0	441.6	26.39	8.06	-0.001	12.07

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/9/2012 13:00	22306	5.321	215.9	33.13	11.74	4.154	219.4	29.67	8.16	54.96	55.87	44.79	41.88	0	636	26.41	8.05	-0.003	14.93
2/9/2012 14:00	22307	5.063	203.5	28.37	11.74	3.988	212.6	26.9	9.95	56.43	57.08	41.29	39.03	0	342.4	26.39	8.05	0	12.06
2/9/2012 15:00	22308	3.964	206.7	45.38	8.16	2.952	211.2	37.9	6.368	59.11	59.68	38.05	36.18	0	322.2	26.35	8.05	0	15.66
2/9/2012 16:00	22309	4.557	194.4	50.87	11.74	3.274	196.9	56.85	9.95	59.23	59.67	37.63	35.88	0	224.6	26.34	8.05	-0.002	12.02
2/9/2012 17:00	22310	13.06	157.7	14.19	22.47	8.28	159.7	15.79	17.1	55.95	56.12	43.04	42.11	0	132.8	26.28	8.04	-0.005	15.76
2/9/2012 18:00	22311	9.57	141.1	14.58	20.68	6.318	142.9	15.66	15.31	57.77	58.74	40.2	38.13	0	203.8	26.27	8.04	-0.006	12.04
2/9/2012 19:00	22312	4.894	198.6	17.16	8.16	2.343	198	15.15	6.368	55.95	55.28	43.67	43.13	0	21.27	26.3	8.03	-0.003	15.58
2/9/2012 20:00	22313	4.248	195.6	13.78	8.16	0.842	192.9	6.074	4.578	51.79	47.87	49.36	52.78	0	0.01	26.27	8.03	-0.008	15.73
2/9/2012 21:00	22314	4.787	175.2	24.17	9.95	1.221	174.8	4.073	4.578	49.61	44.95	52.7	57.23	0	0.001	26.25	8.02	-0.002	13.53
2/9/2012 22:00	22315	11.1	13.57	69.17	29.63	6.094	39.45	48.35	22.47	47.88	46.82	59.29	58.35	0	0.002	26.29	8.02	-0.003	13.84
2/9/2012 23:00	22316	17.11	29.45	10.57	27.84	8.62	32.57	12.76	18.89	41.97	41.97	72.69	68.82	0	0.001	26.33	8.02	-0.003	11.99
2/10/2012 0:00	22317	17.54	32.18	10.92	27.84	9.18	34.54	12.63	20.68	38.87	38.84	71.8	68.1	0	0	26.33	8.01	-0.004	11.94
2/10/2012 1:00	22318	13.93	32.89	10.85	26.05	7.35	36.38	11.22	17.1	37.38	37.26	74.04	70.17	0	0	26.33	8.01	-0.006	12.09
2/10/2012 2:00	22319	11.37	20.09	13.09	18.89	6.404	21.21	17.58	13.52	33.36	37.55	74.5	70.58	0	0	26.34	8.01	-0.003	12.09
2/10/2012 3:00	22320	10.73	13.63	10.75	17.1	6.621	13.36	15.18	13.52	30.75	38.43	72.84	69.04	0	0	26.35	8	-0.003	14.83
2/10/2012 4:00	22321	10.46	15.35	10.81	15.31	6.13	16.71	15.79	11.74	29.52	39.64	68.46	65.21	0	0	26.36	8	0	12.15
2/10/2012 5:00	22322	7.904	17.92	11.99	15.31	4.384	19.05	16.47	9.95	28.12	37.98	70.29	66.9	0	0	26.37	7.999	-0.003	12.01
2/10/2012 6:00	22323	8.7	352.9	11.15	13.52	5.643	352.8	12.2	9.95	24.7	35.03	74.47	71.77	0	0	26.37	7.996	-0.003	12.16
2/10/2012 7:00	22324	9.06	328.4	3.703	13.52	6.451	327.2	4.535	9.95	22.69	33.65	76.71	73.88	0	0	26.38	7.993	-0.003	13.94
2/10/2012 8:00	22325	9.16	322.2	12.81	13.52	5.727	322.2	17.76	11.74	22.34	33.08	78.11	74.51	0	6.347	26.38	7.991	-0.002	11.98
2/10/2012 9:00	22326	7.09	287.7	14.51	13.52	5.616	286.1	15.45	11.74	21.48	33.02	78.24	72.82	0	146.4	26.42	7.986	-0.004	11.92
2/10/2012 10:00	22327	9.11	311.2	10.83	13.52	7.773	314	12.3	13.52	28.1	38.16	70.33	65.84	0	348.4	26.47	7.985	-0.002	15.46
2/10/2012 11:00	22328	8.05	325.5	17.57	13.52	6.882	326.6	17.96	11.74	44.67	45	57.04	53.7	0	532.4	26.52	7.985	0.001	11.97
2/10/2012 12:00	22329	5.299	345.3	41.96	11.74	4.165	345.5	40.38	9.95	51.71	52.04	33.95	32.68	0	667.6	26.57	7.984	-0.002	11.94
2/10/2012 13:00	22330	4.915	34.43	61.47	13.52	3.73	61.31	60.14	9.95	54.93	55.51	28.54	27.47	0	744.9	26.59	7.981	-0.002	12.54
2/10/2012 14:00	22331	4.53	10.93	62.18	9.95	3.575	316.2	19.59	9.95	56.45	56.92	26.58	25.68	0	752	26.58	7.975	-0.006	13.31
2/10/2012 15:00	22332	4.297	162.7	65.87	15.31	3.284	169.2	65.44	11.74	58.47	59.11	24.21	23.47	0	691.7	26.56	7.972	-0.003	12.46
2/10/2012 16:00	22333	6.401	209.8	52.49	17.1	4.587	212	52.94	11.74	57.12	58.16	24.52	23.14	0	572	26.54	7.934	-0.038	12.32
2/10/2012 17:00	22334	4.678	164.7	41.04	11.74	3.497	163	38.78	11.74	57.4	58.42	23.63	22.55	0	402.4	26.51	7.927	-0.006	11.99
2/10/2012 18:00	22335	3.991	212.7	25.5	9.95	2.662	213.5	24.89	9.95	57.01	57.65	23.36	22.46	0	198.6	26.49	7.92	-0.008	12.02
2/10/2012 19:00	22336	6.601	151.5	22.35	9.95	3.16	144.1	24.72	6.368	51.12	49.56	29.65	30.47	0	20.44	26.45	7.908	-0.012	15.35
2/10/2012 20:00	22337	8.05	140.4	5.526	9.95	3.114	127.6	7.942	4.578	46.59	42.35	34.92	38.8	0	0	26.41	7.901	-0.007	11.96
2/10/2012 21:00	22338	8.69	135.1	6.568	11.74	3.606	125	8.7	6.368	44.99	41.05	37.72	41.69	0	0	26.39	7.897	-0.004	12.07
2/10/2012 22:00	22339	8.97	125	7.409	11.74	4.125	118.2	7.966	8.16	43.71	40.38	40.11	43.44	0	0	26.39	7.891	-0.006	15.57
2/10/2012 23:00	22340	9.13	127.3	6.767	13.52	4.602	125	10.63	8.16	41.74	39.84	45.36	46.42	0	0	26.4	7.888	-0.003	15.13
2/11/2012 0:00	22341	11.18	123.3	7.741	17.1	6.675	124.9	12.43	13.52	41.06	39.84	46.44	46.48	0	0	26.41	7.881	-0.006	11.95
2/11/2012 1:00	22342	10.23	114.5	7.067	18.89	6.18	115.3	11.5	11.74	37.66	36.67	53.79	52.76	0	0	26.41	7.875	-0.006	12.03
2/11/2012 2:00	22343	9.95	118	7.571	15.31	5.791	119	11.59	9.95	36.56	35.44	56.81	55.88	0	0	26.4	7.872	-0.003	11.96
2/11/2012 3:00	22344	9.07	109.4	9.64	13.52	5.585	110.3	12.81	9.95	34.82	33.83	59.52	58.21	0	0	26.4	7.869	-0.003	14.29
2/11/2012 4:00	22345	9.49	92.4	7.004	15.31	6.096	93.7	11.06	9.95	32.25	31.46	66.51	64.08	0	0	26.39	7.868	-0.001	11.9
2/11/2012 5:00	22346	11.78	79.95	8.5	17.1	7.128	80.4	14.71	13.52	30.52	30.01	72.83	69.34	0	0	26.39	7.865	-0.003	14.85
2/11/2012 6:00	22347	15.38	73.75	7.548	24.26	9.34	72.62	14.94	17.1	28.66	28.37	79.58	75.19	0	0	26.4	7.862	-0.003	13.86
2/11/2012 7:00	22348	19.52	75.93	8.39	31.42	11.87	74.84	15.98	22.47	27.59	27.51	83.7	78.74	0	0	26.4	7.862	0	12.06
2/11/2012 8:00	22349	21.27	78.15	8.36	33.21	13	78.39	15.98	24.26	26.88	26.99	82.9	78.15	0	3.992	26.43	7.833	-0.029	12.29
2/11/2012 9:00	22350	22.38	69.38	8.92	33.21	14.41	68.21	15.56	26.05	25.52	25.73	76.41	72.19	0	104.1	26.45	7.836	0.003	11.85

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/11/2012 10:00	22351	24	66.68	9.17	34.99	15.51	65.33	15.27	26.05	25.41	26.28	63.15	58.74	0	355.5	26.5	7.836	0	12.04
2/11/2012 11:00	22352	22.17	69.23	9.49	31.42	14.39	67.9	15.97	26.05	26.63	28.13	63.69	57.91	0	539.2	26.54	7.837	0.001	11.89
2/11/2012 12:00	22353	19.5	66.34	13.86	29.63	12.62	65.74	19.51	22.47	29.24	31.06	59.94	54.06	0	676.1	26.58	7.837	0	12.12
2/11/2012 13:00	22354	18.97	71.32	11.42	29.63	12.58	70.42	17.66	22.47	31.44	33.5	51.28	46.27	0	618	26.58	7.836	0	11.97
2/11/2012 14:00	22355	18.28	72.39	11.95	27.84	11.99	71.16	18.03	22.47	33.08	35.06	45.29	41	0	503.3	26.56	7.829	-0.007	15.82
2/11/2012 15:00	22356	15.25	73.44	13.02	22.47	10.12	72.93	19.06	18.89	33.55	35.11	43.13	39.54	0	323.8	26.54	7.824	-0.006	15.41
2/11/2012 16:00	22357	14.28	75.51	11.21	20.68	9.3	74.86	17.91	18.89	33.86	35.28	41.98	38.73	0	262	26.52	7.818	-0.006	15.7
2/11/2012 17:00	22358	14.9	85.8	11.77	22.47	10.06	87.1	18.66	17.1	34.17	35.33	39.72	36.98	0	243.5	26.51	7.805	-0.013	14.76
2/11/2012 18:00	22359	16.25	85.3	8.81	24.26	10.51	86.1	15.71	18.89	33.43	34.02	38.21	36.17	0	106.1	26.49	7.796	-0.01	12.12
2/11/2012 19:00	22360	13.32	89.1	9.01	22.47	8.96	90.9	15.09	17.1	31.88	31.88	37.2	35.84	0	10.14	26.49	7.789	-0.006	15.21
2/11/2012 20:00	22361	13.7	88	9.06	24.26	9.1	88.9	15.3	15.31	30.61	30.54	35.89	34.77	0	0	26.49	7.788	-0.002	12.18
2/11/2012 21:00	22362	13.95	96.3	10.95	20.68	9.73	98.2	15.88	17.1	29.68	29.71	38.1	36.61	0	0	26.52	7.782	-0.005	12.28
2/11/2012 22:00	22363	14.65	82.5	8.8	22.47	9.3	82.6	15.65	17.1	28.98	29.11	40.52	38.77	0	0	26.53	7.776	-0.006	11.97
2/11/2012 23:00	22364	16.64	79.94	7.93	24.26	10.35	79.97	15.55	18.89	28.27	28.44	41.86	39.97	0	0	26.51	7.77	-0.006	12.08
2/12/2012 0:00	22365	16.43	83.3	7.494	24.26	10.17	84	14.77	17.1	27.97	28.1	42.67	40.77	0	0	26.5	7.763	-0.006	15.27
2/12/2012 1:00	22366	14.16	90.3	8.77	36.78	9.62	91.5	14.77	20.68	27.7	27.81	41.89	40.1	0	0	26.5	7.748	-0.016	12.18
2/12/2012 2:00	22367	12.79	87.8	8.88	20.68	8.43	88.8	14.95	17.1	27.32	27.44	42.66	40.77	0	0	26.49	7.738	-0.01	12.28
2/12/2012 3:00	22368	14.13	88.3	8.98	22.47	9.44	89.6	15.67	17.1	26.88	27.02	45.01	42.89	0	0	26.47	7.729	-0.01	12.24
2/12/2012 4:00	22369	13.02	93.5	10.03	20.68	9.09	95.6	15.47	17.1	26.39	26.53	48.68	46.16	0	0	26.45	7.732	0.003	15.54
2/12/2012 5:00	22370	13.64	82.6	8.38	20.68	8.57	82.7	15.46	17.1	25.61	25.71	54.27	52.26	0	0	26.44	7.763	0.032	12.07
2/12/2012 6:00	22371	13.39	91.3	9.4	22.47	9.28	93	15.88	17.1	24.65	24.73	60.24	57.41	0	0	26.42	7.77	0.006	12
2/12/2012 7:00	22372	13.66	96	9.18	22.47	9.66	98	15.47	18.89	23.74	23.85	64.32	61.08	0	0	26.41	7.776	0.007	11.99
2/12/2012 8:00	22373	13.54	99.4	9.08	20.68	9.71	101.8	14.79	17.1	23.14	23.21	65.96	63.03	0	1.558	26.4	7.78	0.004	12.06
2/12/2012 9:00	22374	12	100.8	10.01	18.89	8.66	103.3	15.35	17.1	22.89	23.04	69.62	66.22	0	28.39	26.4	7.781	0.001	14.82
2/12/2012 10:00	22375	11.99	104.8	9.6	18.89	8.6	107	14.73	15.31	22.74	23.05	73.23	69.41	0.01	51.72	26.4	7.781	0	12.23
2/12/2012 11:00	22376	11.93	105.2	9.83	20.68	8.37	106.6	15.33	15.31	23.01	23.41	75.68	71.71	0.01	88.1	26.39	7.78	-0.001	15.65
2/12/2012 12:00	22377	12.01	115.2	10.1	17.1	8.07	117.2	16.04	13.52	24.18	24.86	74.75	71.02	0.02	130.2	26.38	7.783	0.002	15.64
2/12/2012 13:00	22378	11.38	120.6	9.01	17.1	7.635	123.1	15.02	13.52	24.52	25.16	76.46	72.01	0	112.2	26.35	7.782	0	15.37
2/12/2012 14:00	22379	11.11	129.2	11.11	17.1	7.431	133.2	15.97	13.52	24.68	25.25	77.58	73.38	0.01	86.5	26.31	7.782	0	12.33
2/12/2012 15:00	22380	10.23	128.1	10.49	15.31	6.937	131.4	15.7	11.74	24.97	25.43	80.5	76.27	0.03	69.24	26.26	7.782	0	12.44
2/12/2012 16:00	22381	9.01	135.1	10.35	13.52	6.045	139.2	14.19	11.74	25.88	26.39	82	77.81	0	86.6	26.24	7.782	0	12.08
2/12/2012 17:00	22382	11.25	132.3	8.72	17.1	7.582	136.1	13.79	13.52	26.3	26.88	81.7	77.62	0	67.79	26.21	7.782	0	14.68
2/12/2012 18:00	22383	10.02	130.9	11.88	15.31	6.591	134.7	16.22	13.52	25.41	26.8	82.5	78.19	0	40.34	26.19	7.782	0	12.15
2/12/2012 19:00	22384	8.05	137.2	11.23	11.74	5.341	141.1	14.3	9.95	24.69	26.64	84	79.36	0	1.892	26.19	7.782	0	12.17
2/12/2012 20:00	22385	9.81	154.7	13.19	17.1	6.462	157.6	16.03	13.52	26.32	27.67	86.3	81.6	0.03	0	26.19	7.782	0	12.09
2/12/2012 21:00	22386	12.73	127.9	12.82	20.68	8.22	131.4	17.09	17.1	27.88	28.2	87.2	82.6	0	0	26.14	7.782	0	15.22
2/12/2012 22:00	22387	10.07	149.3	10.32	17.1	6.621	152.4	12.78	11.74	25.91	28.95	87.1	82.8	0	0	26.14	7.782	0	11.88
2/12/2012 23:00	22388	7.214	174.2	17.22	11.74	4.605	175.4	18.73	9.95	23.4	29.57	88	83.3	0	0	26.15	7.782	0	12.08
2/13/2012 0:00	22389	7.684	197.1	11.69	11.74	4.8	198.3	13.04	9.95	23.27	29.77	89.2	84.3	0	0	26.14	7.782	0	12.88
2/13/2012 1:00	22390	6.467	203.3	13.33	9.95	3.921	204.7	12.15	8.16	24.18	30	90.1	85.3	0	0	26.13	7.782	0	13.1
2/13/2012 2:00	22391	8.08	193.8	18.72	15.31	4.996	194.9	17.38	11.74	23.67	30.1	90.5	85.7	0	0	26.11	7.782	0	12.03
2/13/2012 3:00	22392	7.002	199.7	13.11	13.52	4.361	201.1	13.54	9.95	25	30.15	90.7	85.9	0	0	26.1	7.782	0	12.02
2/13/2012 4:00	22393	9.21	204.9	12.83	15.31	5.64	205.6	14.42	11.74	25.02	30.27	90.8	86.1	0	0	26.09	7.782	0	11.92
2/13/2012 5:00	22394	8.57	228.5	11.03	13.52	5.117	227.7	17.41	9.95	25.57	30.13	90.8	86.2	0	0	26.08	7.782	0	11.87
2/13/2012 6:00	22395	8.6	225	10.29	13.52	5.104	224.5	16.64	9.95	25.16	29.83	90.7	86.4	0	0	26.08	7.782	0.001	12.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/13/2012 7:00	22396	9.87	228.9	12.64	17.1	6.161	227.6	18.79	11.74	24.7	29.58	90.7	86.5	0	0	26.07	7.782	0	15.3
2/13/2012 8:00	22397	9.32	236.9	8.78	15.31	6.394	235.4	15.82	11.74	24.49	29.37	90.6	86.5	0	2.881	26.08	7.782	0	12.06
2/13/2012 9:00	22398	8.35	236.9	11.63	13.52	5.858	236.8	17.03	11.74	24.59	29.58	90.5	86.6	0	48.87	26.09	7.785	0.003	12.11
2/13/2012 10:00	22399	3.179	230.4	7.587	13.52	5.144	227.7	16.8	9.95	25.26	30.31	90.3	86.7	0	161.9	26.1	7.784	-0.002	12.24
2/13/2012 11:00	22400	0	0	0	0	5.952	221.4	17.25	11.74	28.41	31.93	90.7	89.7	0	296	26.11	7.783	-0.001	15.45
2/13/2012 12:00	22401	10.61	223.5	9.34	15.31	6.379	223	19.21	11.74	31.57	37.91	90.4	99.9	0	593.4	26.13	7.784	0.001	12.04
2/13/2012 13:00	22402	10.98	218.1	16.31	18.89	6.927	218	22.34	13.52	37.11	47.94	75.26	99.1	0	741.1	26.18	7.816	0.032	11.84
2/13/2012 14:00	22403	15.05	226.1	17.79	27.84	8.93	226.1	25.24	18.89	45.45	56.42	52.91	58.77	0	753.6	26.19	7.825	0.009	12.44
2/13/2012 15:00	22404	14.99	260.1	14.49	31.42	10.87	260.8	17.73	20.68	52.63	60.65	29.06	30.31	0	698.2	26.18	7.839	0.014	15.9
2/13/2012 16:00	22405	11.46	259.8	21.03	18.89	8.52	259.8	25.42	17.1	51.21	62.05	24.85	25.64	0	570.9	26.17	7.836	-0.004	15.56
2/13/2012 17:00	22406	11.24	212.3	16.47	17.1	6.92	211.5	21.48	13.52	50.36	62.51	25.34	25.26	0	401.8	26.17	7.836	0	12.08
2/13/2012 18:00	22407	9.67	204.4	9.09	17.1	6.078	204.1	12.4	13.52	50.02	61.84	23.59	24.26	0	204.6	26.16	7.833	-0.002	11.92
2/13/2012 19:00	22408	6.843	197.2	10.13	11.74	3.034	194.1	9.64	8.16	52.65	54.99	28.9	32.48	0	21.02	26.14	7.835	0.001	15.23
2/13/2012 20:00	22409	5.279	229.4	20.4	9.95	1.612	237.3	16.04	4.578	50.68	48.76	34.35	38.72	0	0.003	26.11	7.834	-0.001	12.15
2/13/2012 21:00	22410	6.805	246.5	5.96	9.95	2.543	242.7	8.61	4.578	49.33	46.41	37.54	41.83	0	0	26.1	7.831	-0.003	15.67
2/13/2012 22:00	22411	4.425	263.9	40.95	9.95	1.683	273.4	29.93	6.368	47.32	43.8	40.52	46.41	0	0	26.1	7.83	-0.002	11.99
2/13/2012 23:00	22412	4.205	305.7	11.44	6.368	1.33	298.5	0.191	4.578	47.6	42.92	37.93	46.06	0	0	26.09	7.831	0.001	12.03
2/14/2012 0:00	22413	4.118	316.3	15.28	6.368	1.578	299	0.39	4.578	46.22	42.5	39.76	46.04	0	0	26.08	7.831	0	15.39
2/14/2012 1:00	22414	2.018	281.8	21.17	4.578	0.387	299.4	0	2.789	43.92	37.72	43.14	57.73	0	0	26.07	7.827	-0.003	12.11
2/14/2012 2:00	22415	1.253	282.8	60.86	6.368	1.171	299.6	0.135	4.578	41.49	35.65	47.8	62.03	0	0	26.06	7.827	0	12.18
2/14/2012 3:00	22416	1.493	322.9	18.48	6.368	0.334	299.7	0.043	2.789	40.68	35.15	48.85	65.05	0	0	26.05	7.829	0.001	15.44
2/14/2012 4:00	22417	5.065	306	7.347	9.95	0.854	299.7	0.071	4.578	43.43	37.11	45.17	57.15	0	0	26.03	7.828	0	12.76
2/14/2012 5:00	22418	5.07	293.4	11.71	8.16	1.68	285.9	11.83	4.578	42.1	39.19	49.19	53.27	0	0	26.03	7.824	-0.004	15.4
2/14/2012 6:00	22419	4.164	189.6	45.38	9.95	2.041	170.9	24.87	4.578	40.6	36.12	52.13	59.03	0	0	26.05	7.824	0	12.04
2/14/2012 7:00	22420	6.532	158.9	6.851	11.74	2.455	153.4	5.184	6.368	37.37	34.08	60.65	64.85	0	0	26.05	7.825	0	12.04
2/14/2012 8:00	22421	4.083	149.6	9.33	6.368	0.931	145.8	0.349	2.789	39.23	35.75	58.32	61.69	0	8.68	26.06	7.825	0.001	12.92
2/14/2012 9:00	22422	2.898	164.4	18.09	6.368	0.801	155.2	5.349	4.578	42.48	42.38	60.25	58.14	0	154.4	26.09	7.824	-0.001	12.15
2/14/2012 10:00	22423	4.97	197.8	20.67	8.16	3.168	200.3	23.68	6.368	48.96	50.01	51.05	48.98	0	355.8	26.16	7.82	-0.004	12.02
2/14/2012 11:00	22424	6.164	219.1	16.07	9.95	4.086	223.6	20.78	8.16	54.61	55.64	41.68	39.9	0	538	26.22	7.821	0.001	15.4
2/14/2012 12:00	22425	8.28	206.2	19.33	17.1	5.509	207	24.09	13.52	61.02	62.46	34.79	33.24	0	671.6	26.25	7.82	-0.002	12.15
2/14/2012 13:00	22426	16.88	215.6	12.68	27.84	9.7	215.2	19.95	20.68	65.01	66.73	28.89	27.48	0	743.8	26.24	7.816	-0.003	15.65
2/14/2012 14:00	22427	16.95	215.4	13.72	27.84	10.21	214.9	19.92	22.47	66.2	67.92	25.63	24.26	0	753.1	26.21	7.807	-0.01	13.19
2/14/2012 15:00	22428	17.9	217.1	13.98	29.63	10.55	215.7	19.99	22.47	67.42	69.02	21.76	20.73	0	687.9	26.19	7.794	-0.013	12.21
2/14/2012 16:00	22429	15.91	216.9	13.5	29.63	9.26	215.8	20.1	20.68	67.39	68.43	21.22	20.53	0	403.6	26.17	7.782	-0.012	15.6
2/14/2012 17:00	22430	15.63	224.2	15.39	29.63	9.4	223.4	22.33	22.47	68.1	68.78	20.19	19.8	0	356.8	26.14	7.772	-0.01	12.08
2/14/2012 18:00	22431	13.69	238.3	9.97	26.05	8.59	238	17.64	17.1	67.82	67.97	19.72	19.62	0	185.4	26.14	7.756	-0.016	15.55
2/14/2012 19:00	22432	9.4	243.6	15.62	15.31	5.717	244.1	20.12	11.74	63.38	62.69	24.11	24.77	0	6.479	26.13	7.743	-0.014	15.21
2/14/2012 20:00	22433	7.682	269.8	19.94	15.31	4.99	271.2	21.9	11.74	61.3	60.21	27.71	28.88	0	0.018	26.12	7.733	-0.009	12.08
2/14/2012 21:00	22434	8.25	298.4	10.56	15.31	6.008	302	11.6	11.74	57.46	56.65	33.2	33.88	0	0.008	26.14	7.721	-0.013	15.43
2/14/2012 22:00	22435	5.286	268.9	73.42	11.74	3.285	233.7	82.3	8.16	54.51	52.51	37.1	39.52	0	0.003	26.13	7.7	-0.021	15.28
2/14/2012 23:00	22436	4.256	157.2	27.58	9.95	1.979	126.2	23.54	8.16	54.48	51.06	37.18	42.53	0	0.001	26.12	7.698	-0.002	15.27
2/15/2012 0:00	22437	4.426	208.4	31.19	11.74	1.941	198.7	38.99	8.16	52.91	49.94	40.05	43.8	0	0.002	26.12	7.695	-0.003	12.06
2/15/2012 1:00	22438	6.538	300.1	28.42	15.31	3.44	300.5	25.31	8.16	49.22	46.51	44.75	48.81	0	0	26.12	7.688	-0.006	12.01
2/15/2012 2:00	22439	8.38	288.7	9.57	11.74	4.764	297.3	12.13	8.16	48.36	45.15	44.14	49.09	0	0	26.11	7.686	-0.003	11.87
2/15/2012 3:00	22440	8.08	263.7	10.41	15.31	5.084	260.7	13.14	11.74	48.48	47.06	43.12	44.51	0	0	26.12	7.682	-0.004	12.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/15/2012 4:00	22441	6.375	276.4	10.55	9.95	3.242	281.9	9.99	8.16	45.09	42.22	48.37	51.8	0	0	26.13	7.681	-0.001	12.03
2/15/2012 5:00	22442	8.29	270.3	10.06	15.31	5.173	271.7	11.53	11.74	43.7	41.67	49.15	51.49	0	0	26.14	7.678	-0.003	15.47
2/15/2012 6:00	22443	9.17	244.7	9.89	13.52	4.998	245.6	15.48	9.95	42.48	41.17	47.96	48.86	0	0	26.15	7.675	-0.003	15.36
2/15/2012 7:00	22444	8.42	229.6	8.89	11.74	4.067	230.9	17.25	8.16	40.7	39.2	49.66	50.75	0	0	26.15	7.672	-0.003	11.88
2/15/2012 8:00	22445	11.67	215.1	7.742	17.1	6.062	212.1	15.69	11.74	40.78	39.54	51.14	51.37	0	9.45	26.16	7.669	-0.003	12.24
2/15/2012 9:00	22446	14.5	213	8	24.26	8.04	211.5	15.94	17.1	43.12	43.07	48.48	47.06	0	169.5	26.19	7.665	-0.004	12.05
2/15/2012 10:00	22447	18.24	233.1	11.91	27.84	10.9	232.4	20.36	18.89	48.24	48.61	35.15	34.1	0	377.7	26.26	7.663	-0.002	11.87
2/15/2012 11:00	22448	18.29	259.3	18.48	29.63	13.12	259.7	21.83	22.47	51.44	52.09	27.11	26.48	0	565.5	26.3	7.642	-0.021	11.88
2/15/2012 12:00	22449	17.41	276.4	11.62	27.84	13.95	276.6	13.72	24.26	53.29	54.26	22.37	21.73	0	703.4	26.33	7.632	-0.01	12.07
2/15/2012 13:00	22450	17.93	276.4	14.09	27.84	14.31	277.7	16.88	24.26	55.6	56.61	18.81	18.33	0	778.8	26.33	7.603	-0.029	15.72
2/15/2012 14:00	22451	16.5	281.1	13	27.84	13.57	282.3	15.42	24.26	57.77	58.88	16.12	15.69	0	787.4	26.32	7.584	-0.019	15.64
2/15/2012 15:00	22452	15.1	295.9	17.44	26.05	12.8	298.2	19.54	22.47	59.3	60.05	16.11	15.71	0	726.7	26.31	7.576	-0.008	12.65
2/15/2012 16:00	22453	12.85	308.3	17.72	22.47	10.78	310.8	19.23	20.68	59.98	60.62	15.95	15.61	0	602.8	26.32	7.569	-0.007	15.44
2/15/2012 17:00	22454	10.47	291.5	17.46	18.89	8.84	292.7	20.59	15.31	60.76	61.18	12.96	12.99	0	429.7	26.32	7.551	-0.018	15.87
2/15/2012 18:00	22455	7.884	295.3	21.28	15.31	6.554	299.1	22.1	13.52	60.36	60.55	11.88	12.22	0	225.2	26.32	7.546	-0.005	12.05
2/15/2012 19:00	22456	3.75	321.7	33.04	9.95	1.776	313.2	16.21	8.16	57.37	55.6	14.46	17.28	0	29.51	26.32	7.54	-0.006	15.24
2/15/2012 20:00	22457	4.349	46.46	56.66	9.95	2.814	25.52	4.108	6.368	53.39	47.25	17.7	27.73	0	0.002	26.29	7.533	-0.007	11.93
2/15/2012 21:00	22458	6.078	70.39	16.28	11.74	3.114	30.12	0.206	6.368	50.35	44.47	21.34	30.85	0	0	26.28	7.527	-0.006	12.08
2/15/2012 22:00	22459	7.454	80.6	5.954	11.74	3.611	30.11	0	6.368	47.24	42.09	24.72	33.04	0	0	26.27	7.523	-0.004	11.95
2/15/2012 23:00	22460	9.48	92.5	5.73	11.74	4.581	30.79	0.147	6.368	45.33	40.68	28.51	35.56	0	0	26.28	7.52	-0.003	12.1
2/16/2012 0:00	22461	11.17	65.78	9.5	15.31	6.608	56.83	15.73	11.74	43.48	41.57	41.68	42.58	0	0	26.28	7.513	-0.006	15.47
2/16/2012 1:00	22462	11.93	64.36	7.69	27.84	7.417	64.45	11.94	18.89	40.5	39.73	62.02	59.9	0	0	26.29	7.475	-0.038	15.64
2/16/2012 2:00	22463	13.17	59.98	8.58	20.68	8.61	60.66	12.46	15.31	39.06	38.57	67.97	65.27	0	0	26.3	7.475	0	12.03
2/16/2012 3:00	22464	14.02	53	9.4	22.47	8.37	52.25	13.55	15.31	37.81	37.46	71.66	68.44	0	0	26.3	7.475	0	12
2/16/2012 4:00	22465	13.04	48.31	8.52	18.89	7.148	46.16	12.08	13.52	35.84	35.6	75.79	72.16	0	0	26.29	7.475	0	15.66
2/16/2012 5:00	22466	13.11	55.27	13.66	20.68	7.525	54.74	18.3	13.52	34.35	34.62	78.29	74.32	0	0	26.3	7.472	-0.003	12.01
2/16/2012 6:00	22467	8.78	61.67	11.27	13.52	5.487	61.66	14.77	11.74	31.85	32.55	81.8	77.63	0	0	26.32	7.469	-0.003	15.58
2/16/2012 7:00	22468	8.08	54.78	12.15	13.52	4.784	55.3	15.03	9.95	30.2	31.86	83.1	78.84	0	0	26.33	7.471	0.001	12.13
2/16/2012 8:00	22469	11.96	46.46	9.4	20.68	6.253	42.68	11.71	15.31	28.63	31.68	83.6	79.44	0	8.25	26.33	7.471	0.001	14.17
2/16/2012 9:00	22470	15.86	57.49	8.2	26.05	10.35	57.55	12.8	17.1	29.88	33.21	83	78.67	0	68.16	26.35	7.47	-0.001	11.86
2/16/2012 10:00	22471	19.03	62.52	8.46	29.63	12.3	61.38	14.37	22.47	32.29	36.74	80.2	75.21	0	203.5	26.38	7.469	-0.001	12.01
2/16/2012 11:00	22472	14.94	63.72	10.14	24.26	9.76	62.96	15.35	20.68	33.98	39.34	75.12	69.89	0	225.1	26.4	7.469	0	12.31
2/16/2012 12:00	22473	11.6	67.72	11.95	17.1	7.663	66.85	17.01	13.52	35.99	42.22	71.03	65.26	0	306.8	26.43	7.463	-0.005	12.52
2/16/2012 13:00	22474	12.91	69.28	11.92	20.68	8.62	68.21	17.28	17.1	38.02	44.82	65.26	59.69	0	345.6	26.42	7.463	0	12.09
2/16/2012 14:00	22475	13.55	71.89	12.87	20.68	9.05	70.69	17.85	17.1	39.68	46.27	62.12	56.76	0	321.7	26.4	7.46	-0.003	12.29
2/16/2012 15:00	22476	13.91	70.25	10.02	20.68	8.95	69.95	15.8	17.1	39.78	46.51	60.87	56.22	0	192.3	26.37	7.457	-0.003	15.76
2/16/2012 16:00	22477	15.3	80	9.54	26.05	9.79	80.6	16.74	17.1	39.46	46.39	61.18	56.68	0	167.9	26.35	7.451	-0.006	15.7
2/16/2012 17:00	22478	15.31	80.4	9.5	22.47	9.79	80.6	16.23	17.1	39.87	46.98	59.99	55.59	0	205.6	26.34	7.447	-0.003	12.05
2/16/2012 18:00	22479	15.54	76.92	10.52	26.05	10.01	77.23	17.09	18.89	39.63	46.41	63.29	58.95	0	135.4	26.32	7.441	-0.006	12.14
2/16/2012 19:00	22480	12.18	76.23	8.83	18.89	7.511	75.82	15.27	15.31	37.92	43.96	68.32	64.63	0	6.184	26.32	7.435	-0.006	12.06
2/16/2012 20:00	22481	8.96	78.96	8.69	15.31	5.302	79.64	14.14	11.74	36.47	42.05	74.15	70.43	0	0.001	26.32	7.432	-0.003	11.97
2/16/2012 21:00	22482	10.85	77.66	8.51	17.1	6.446	78.11	14.98	11.74	35.98	41.91	78.23	74.06	0	0	26.32	7.429	-0.002	12.14
2/16/2012 22:00	22483	12.69	79.13	8.15	20.68	7.728	79.95	15.07	13.52	36.28	41.98	81.3	76.78	0	0	26.32	7.426	-0.003	12.01
2/16/2012 23:00	22484	11.28	74.74	8.44	18.89	6.941	73.19	14.65	13.52	34.84	41.16	82.7	78.1	0	0	26.32	7.427	0.001	15
2/17/2012 0:00	22485	11.31	78.02	8.37	17.1	6.897	78.36	15.12	13.52	32.59	39.46	86.2	81.2	0	0	26.31	7.424	-0.002	11.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/17/2012 1:00	22486	10.68	68.52	8.79	18.89	7.003	67.87	14.27	11.74	34.18	39.09	86.7	82	0	0	26.29	7.425	0	14.1
2/17/2012 2:00	22487	11.53	64.35	8.37	17.1	7.529	64.48	13.75	13.52	35.13	39.07	85.1	80.4	0	0	26.29	7.421	-0.003	13.39
2/17/2012 3:00	22488	12.35	64.3	8.81	17.1	8.13	63.87	13.55	13.52	32.41	38.72	84.7	79.87	0	0	26.27	7.421	0	12.07
2/17/2012 4:00	22489	11.38	70.15	9.62	18.89	7.208	68.14	15.42	13.52	31.47	38.31	85.3	80.6	0	0	26.25	7.421	0	12.12
2/17/2012 5:00	22490	8	61.99	33.2	15.31	5.026	60.54	36.24	11.74	31.14	38.02	87.5	83.1	0.08	0	26.25	7.444	0.022	12.13
2/17/2012 6:00	22491	9.15	67.97	8.36	15.31	6.007	68.04	13.39	11.74	31.44	38.07	88.5	84.4	0	0	26.24	7.44	-0.003	12.16
2/17/2012 7:00	22492	8.46	73.23	10.26	15.31	5.406	73	15.45	9.95	30.33	38.23	88.8	84.6	0	0	26.25	7.444	0.003	12.09
2/17/2012 8:00	22493	7.733	80.6	10.77	11.74	4.97	80.8	15.13	9.95	29.95	38.49	89.3	85	0	2.156	26.26	7.444	0	12.06
2/17/2012 9:00	22494	6.964	70.57	10.92	9.95	4.569	70.39	14.82	8.16	30.62	39.13	89.3	85.2	0	22.16	26.28	7.444	0	11.94
2/17/2012 10:00	22495	6.648	72.59	10.5	9.95	4.413	72.37	16.36	8.16	31.81	40.53	88.1	84.5	0	85.3	26.29	7.443	0	12.02
2/17/2012 11:00	22496	5.62	87.2	14.38	8.16	3.972	88.8	18.19	6.368	32.62	41.82	86.8	82.7	0	83.6	26.3	7.442	-0.001	12.27
2/17/2012 12:00	22497	5.738	95.3	22.71	11.74	4.202	97.1	26.93	8.16	33.91	44.18	83.9	79.68	0	244.8	26.31	7.441	-0.001	11.98
2/17/2012 13:00	22498	5.676	157.5	28.76	11.74	4.014	158.8	26.52	9.95	35.59	47.7	80.4	75.24	0	267.7	26.32	7.44	-0.001	12.07
2/17/2012 14:00	22499	4.391	204.1	25.4	8.16	2.725	190.7	10.64	6.368	35.23	47.34	80.8	75.52	0	147.1	26.3	7.44	0	12.14
2/17/2012 15:00	22500	3.765	252.3	41.06	8.16	2.724	207.5	4.74	8.16	37.21	49.01	76.69	71.95	0	244.4	26.27	7.44	0	12.01
2/17/2012 16:00	22501	2.62	275	33.53	6.368	1.952	219.3	0.168	4.578	37.71	49.5	74.5	70.36	0	146.2	26.27	7.439	0	14.66
2/17/2012 17:00	22502	3.215	49.7	60.16	6.368	1.924	60.26	53.84	6.368	36.63	48.74	76.74	72.3	0	54.71	26.26	7.44	0	12.02
2/17/2012 18:00	22503	3.71	286	40	8.16	2.655	307.9	24.04	6.368	36.09	48.13	76.58	72.92	0	27.19	26.25	7.441	0.001	15.99
2/17/2012 19:00	22504	3.283	51.31	62.48	8.16	1.887	14.06	41.75	6.368	35.47	47.75	76.44	72.96	0	5.154	26.23	7.441	0	13.62
2/17/2012 20:00	22505	6.145	28	14.34	9.95	3.674	28.25	14.64	8.16	33.89	46.3	82.7	78.33	0	0.006	26.23	7.441	0	12.02
2/17/2012 21:00	22506	6.893	30.51	17.61	11.74	4.194	30.82	19.27	8.16	32.06	44.23	85.2	81.1	0	0.002	26.22	7.441	0	14.4
2/17/2012 22:00	22507	5.381	345.8	29.92	9.95	3.019	346.4	20.8	6.368	29.57	41.62	87.9	83.3	0	0.001	26.22	7.442	0.001	15.27
2/17/2012 23:00	22508	2.948	348.8	33.56	6.368	1.331	327.9	14.86	4.578	29.16	41.55	87.8	84.5	0	0	26.22	7.44	-0.003	15.92
2/18/2012 0:00	22509	2.973	30.59	34.99	6.368	1.393	41.75	39.28	4.578	28.5	41.12	88.5	84.7	0	0	26.21	7.443	0.004	12.05
2/18/2012 1:00	22510	3.455	103.4	50.02	8.16	1.573	88.7	32.14	6.368	28.22	41.33	89.2	85	0	0	26.2	7.443	-0.001	15.09
2/18/2012 2:00	22511	2.743	79.1	58.64	4.578	1.538	77.2	39.61	4.578	27.49	41.25	91.4	86.6	0	0.001	26.19	7.443	0	12.07
2/18/2012 3:00	22512	4.728	122.9	17.56	9.95	2.923	130.4	17.27	8.16	27.48	41.26	92.2	87.8	0	0.001	26.2	7.443	0	12.03
2/18/2012 4:00	22513	2.348	70.03	41.7	8.16	1.201	60.41	22.93	6.368	27.86	41.41	92.6	89.6	0	0.001	26.19	7.442	0	12.04
2/18/2012 5:00	22514	3.67	24.53	90.2	6.368	2.516	325.7	22.59	6.368	27.8	41.48	92.8	99.5	0	0.001	26.18	7.439	-0.004	12.03
2/18/2012 6:00	22515	3.014	339.6	38.41	6.368	2.26	320.9	15.37	6.368	27.75	41.65	93	99.9	0	0.002	26.19	7.438	0	15.47
2/18/2012 7:00	22516	4.215	325.3	10.55	6.368	3.501	327.7	7.679	6.368	27.4	41.45	93	99.9	0	0.001	26.2	7.442	0.004	11.99
2/18/2012 8:00	22517	5.181	311.5	10.92	9.95	4.363	314.4	7.802	8.16	27.18	41.28	93	99.9	0	1.509	26.21	7.439	-0.003	12.17
2/18/2012 9:00	22518	6.198	301.9	9.8	9.95	5.227	305.6	9.03	8.16	27.47	41.46	93.1	99.9	0	29.75	26.23	7.442	0.003	15.57
2/18/2012 10:00	22519	9.03	304.1	10.36	13.52	7.692	305.7	10.88	11.74	28.68	43.07	92.8	99.9	0	158.7	26.24	7.438	-0.004	15.96
2/18/2012 11:00	22520	12.14	314.3	11.26	18.89	10.3	317	11.8	17.1	32.53	46.84	82.4	94.6	0	397	26.27	7.441	0.003	16.29
2/18/2012 12:00	22521	17.22	334.8	14.1	27.84	13.58	335	14.34	22.47	33.13	47.58	74.83	75	0	206.2	26.31	7.44	-0.001	11.99
2/18/2012 13:00	22522	14.97	3.984	12.91	29.63	10.48	3.388	15.24	26.05	33.33	47.56	74.23	69.6	0	533.4	26.31	7.44	0	14.33
2/18/2012 14:00	22523	12.94	11.5	15.12	20.68	9.21	10.61	17.99	18.89	38.02	50.97	65.82	61.08	0	677.7	26.33	7.442	0.001	12.08
2/18/2012 15:00	22524	12.33	349.7	15.55	20.68	9.44	349.4	17.62	17.1	41.44	51.54	61.63	57.29	0	405.7	26.34	7.442	0	15.48
2/18/2012 16:00	22525	10.99	337.2	15.98	18.89	9	335.9	16.61	17.1	44.89	52.3	57.29	53.63	0	491.3	26.32	7.442	0	15.75
2/18/2012 17:00	22526	10.35	334.9	20.61	22.47	8.46	334.2	20.16	17.1	44.3	53.05	55.14	51.55	0	435	26.33	7.442	0	16.37
2/18/2012 18:00	22527	8.47	4.067	14.96	13.52	6.181	3.578	17.99	13.52	43.49	52.63	54.22	50.99	0	225.5	26.33	7.439	-0.003	12.06
2/18/2012 19:00	22528	9.37	37.77	12.56	15.31	5.409	37.56	12.6	9.95	38.26	48.63	66.07	62.49	0	30.61	26.32	7.436	-0.002	12.05
2/18/2012 20:00	22529	7.593	53.68	8.28	11.74	4.95	57.48	11.01	9.95	35.87	43.64	76.55	72.76	0	0.006	26.3	7.432	-0.005	12.09
2/18/2012 21:00	22530	8.36	55.05	8.03	13.52	5.264	58.08	11.45	9.95	33.8	41.63	79.62	76.15	0	0	26.28	7.43	-0.002	15.93

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/18/2012 22:00	22531	7.661	68.29	7.92	11.74	4.363	72.26	12.41	8.16	30.49	39.74	81.5	78.3	0	0	26.28	7.424	-0.005	11.99
2/18/2012 23:00	22532	6.849	82.9	7.561	9.95	3.509	87.3	11.04	6.368	28	37.14	85.4	81.7	0	0	26.26	7.421	-0.003	15.37
2/19/2012 0:00	22533	6.859	89.9	5.249	9.95	3.334	89.3	8.58	6.368	27.85	35.47	86.7	83.4	0	0	26.25	7.418	-0.003	14.82
2/19/2012 1:00	22534	6.53	86.6	5.299	9.95	3.197	81.5	7.577	6.368	27.31	35.52	87.5	84.5	0	0	26.25	7.418	0	12.17
2/19/2012 2:00	22535	5.207	120.5	21.97	8.16	2.776	114.8	28.26	6.368	26.75	36.22	89.9	86	0	0	26.24	7.418	0	12.26
2/19/2012 3:00	22536	6.475	158.7	17.22	11.74	4.248	161.4	16.43	8.16	28.12	38.9	91.7	89.2	0	0	26.25	7.418	0	15.88
2/19/2012 4:00	22537	8.16	169.5	15.23	11.74	5.205	173.2	16.7	9.95	27.82	38.64	92.1	99.9	0	0	26.25	7.418	0	15.62
2/19/2012 5:00	22538	8.7	175.7	12.61	13.52	5.501	179.1	15.43	11.74	27.33	38.19	92.3	99.9	0	0	26.24	7.418	0	11.94
2/19/2012 6:00	22539	6.89	165.1	10.67	9.95	4.297	167.1	12.72	8.16	26.34	37.71	92.4	99.9	0	0	26.23	7.418	0	12.49
2/19/2012 7:00	22540	8.48	165.4	11.77	17.1	5.384	169.3	14.14	11.74	26.17	37.26	92.4	99.9	0	0	26.23	7.415	-0.003	12.02
2/19/2012 8:00	22541	8.96	158.2	13.45	15.31	5.787	162.1	15.72	11.74	25.51	37.12	92.4	99.9	0	4.584	26.23	7.415	0	12.14
2/19/2012 9:00	22542	8.74	148	10.22	15.31	5.783	152.5	13.63	9.95	26.21	38.09	92.6	99.9	0	56.61	26.23	7.415	0	11.97
2/19/2012 10:00	22543	10.89	163.8	10.25	17.1	7.068	167	13.95	13.52	26.61	39.49	92.7	99.9	0	171.4	26.26	7.414	0	12.18
2/19/2012 11:00	22544	11.06	159.7	13.2	17.1	7.518	163.5	15.81	13.52	30.93	44.38	88.2	99.9	0	523.1	26.27	7.409	-0.005	12.13
2/19/2012 12:00	22545	10.98	156.4	15.24	17.1	7.684	160.4	17.66	13.52	38.67	52.31	66.38	79.42	0	710	26.29	7.404	-0.006	12.2
2/19/2012 13:00	22546	13.46	163.1	15.41	24.26	9.21	166.1	17.97	17.1	43.67	58.1	47.17	43.47	0	784.6	26.3	7.399	-0.005	12.08
2/19/2012 14:00	22547	15.06	175.6	13.64	24.26	9.9	179	17.1	18.89	47.44	62.4	30.92	28.43	0	791.4	26.27	7.392	-0.007	12.08
2/19/2012 15:00	22548	16.02	175.1	14.31	26.05	10.61	178.4	17.94	20.68	48.91	63.9	26.82	24.69	0	729.9	26.24	7.376	-0.016	12.17
2/19/2012 16:00	22549	18.65	180	10.78	27.84	12.16	183.4	15.12	20.68	49.19	64.38	26.11	24.13	0	606.6	26.22	7.36	-0.016	12.24
2/19/2012 17:00	22550	19.57	168.8	10.19	31.42	12.41	171.4	14.95	24.26	49.06	63.98	30.87	28.7	0	429.7	26.18	7.344	-0.016	16.13
2/19/2012 18:00	22551	18.6	161	10.42	27.84	11.99	164.2	14.26	22.47	53.3	62.6	38.36	36.38	0	219.6	26.15	7.329	-0.015	14.94
2/19/2012 19:00	22552	16.02	142.7	9.81	26.05	10.48	146.2	13.78	20.68	58.5	58.07	42.23	41.34	0	29.52	26.13	7.318	-0.011	13.31
2/19/2012 20:00	22553	16.25	142	7.615	26.05	10.49	145.1	12.33	20.68	55.08	54.54	46.49	45.48	0	0.019	26.1	7.303	-0.015	11.91
2/19/2012 21:00	22554	17.32	149.6	11.72	29.63	11.22	151.8	15.4	22.47	53.03	52.61	54.92	52.95	0	0.006	26.09	7.294	-0.009	15.93
2/19/2012 22:00	22555	16.86	169.4	13.71	31.42	10.51	172.4	16.76	24.26	50.92	50.43	64.26	61.64	0	0.004	26.09	7.276	-0.018	12.13
2/19/2012 23:00	22556	11.35	176.9	10.67	18.89	6.743	179.8	14.81	13.52	48.56	47.83	71.58	68.93	0	0.001	26.09	7.263	-0.013	12.08
2/20/2012 0:00	22557	9.09	172.6	11.29	18.89	5.315	176.3	14.9	13.52	44.78	45.88	76.6	73.79	0	0.001	26.09	7.26	-0.003	15.1
2/20/2012 1:00	22558	9.86	193.1	15.55	22.47	5.527	196.4	19.66	13.52	34.3	44.52	79.29	76.91	0	0	26.09	7.254	-0.006	12.1
2/20/2012 2:00	22559	6.793	204.6	12.16	11.74	3.24	207.1	15.22	8.16	30.71	42.32	82.6	79.82	0	0	26.09	7.255	0.001	12.09
2/20/2012 3:00	22560	5.617	198.9	10.08	8.16	1.874	195	11.84	4.578	30.06	39.62	85.6	82.9	0	0	26.08	7.253	-0.002	12.03
2/20/2012 4:00	22561	4.257	198.6	20.49	8.16	0.888	186.3	14.45	4.578	29.42	37.56	88.5	85.2	0	0	26.06	7.25	-0.003	12.08
2/20/2012 5:00	22562	5.983	210.2	15.61	9.95	2.69	217.3	20.72	8.16	29.61	37.16	89.9	86.8	0	0	26.06	7.25	0	12.05
2/20/2012 6:00	22563	6.126	223.9	16.69	11.74	2.916	230.3	21.74	8.16	29.31	36.59	90.6	87.8	0	0	26.07	7.247	-0.003	12.01
2/20/2012 7:00	22564	5.981	220.9	13.74	9.95	2.358	226.6	15.79	6.368	27.5	35	89.7	88.4	0	0	26.07	7.247	0	12.66
2/20/2012 8:00	22565	4.126	232	22.43	8.16	1.517	245.4	14.54	4.578	26.94	34.75	80.9	85.6	0	13.04	26.09	7.247	0	12.12
2/20/2012 9:00	22566	7.093	237.3	16.38	17.1	3.97	247	11.59	11.74	33.22	41.75	63.82	66.65	0	181.8	26.12	7.244	-0.003	12.06
2/20/2012 10:00	22567	14.57	248.2	10.92	26.05	9.82	250.4	16.16	20.68	39.39	51.8	40.77	40.77	0	380.4	26.2	7.238	-0.006	12.05
2/20/2012 11:00	22568	20.92	271.7	13.21	31.42	15.87	272.5	15.29	26.05	53.73	56.87	24.5	24.41	0	581	26.26	7.204	-0.034	12
2/20/2012 12:00	22569	22.55	277.9	10.94	33.21	18.22	278.9	13.28	29.63	58.23	58.97	19.35	19.06	0	718.3	26.3	7.181	-0.023	12.17
2/20/2012 13:00	22570	23.38	286.1	13.29	36.78	19.16	287.9	16.11	31.42	59.89	60.79	15.8	15.51	0	792.9	26.31	7.146	-0.036	15.97
2/20/2012 14:00	22571	23.43	295.5	16.83	36.78	19.43	297.4	18.74	33.21	61.08	62.02	15.06	14.61	0	799.6	26.31	7.126	-0.02	15.44
2/20/2012 15:00	22572	19.89	317	12.01	34.99	16.62	319.5	11.91	31.42	60.19	61.22	18.09	17.34	0	734.8	26.32	7.113	-0.013	12.14
2/20/2012 16:00	22573	17.34	322.5	12.76	27.84	14.46	324.4	12.84	27.84	60.03	60.86	11.55	11.56	0	613.9	26.33	7.107	-0.006	12.09
2/20/2012 17:00	22574	16.12	322	11.73	24.26	13.53	324.4	12.07	22.47	59.44	60.08	5.867	6.492	0	442.2	26.33	7.086	-0.021	14.45
2/20/2012 18:00	22575	15.14	325.3	9.63	24.26	12.45	327.2	10.16	22.47	57.86	58.17	3.584	4.592	0	236	26.33	7.077	-0.009	15.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/20/2012 19:00	22576	7.591	329	23.4	18.89	5.654	339.9	30.37	15.31	54.45	53.77	4.834	6.509	0	36.39	26.33	7.068	-0.009	15.89
2/20/2012 20:00	22577	6.599	341.3	14.75	11.74	3.991	339.5	11.58	8.16	50.75	48.54	6.835	11.15	0	0.008	26.31	7.064	-0.004	12.07
2/20/2012 21:00	22578	7.676	338.9	6.81	11.74	4.507	342.7	8.57	8.16	50.09	47.48	5.741	10.39	0	0.001	26.31	7.057	-0.006	15.93
2/20/2012 22:00	22579	5.987	11.61	36.85	9.95	3.547	1.346	10.42	8.16	47.29	43.16	8.86	15.98	0	0	26.31	7.049	-0.008	12.06
2/20/2012 23:00	22580	5.354	319.3	70.83	8.16	2.585	359.2	69.38	6.368	45.26	40.7	12.21	20.9	0	0	26.31	7.044	-0.005	14.96
2/21/2012 0:00	22581	3.569	324.8	38.11	6.368	1.603	267.3	39.11	4.578	38.44	35.91	22.34	28.39	0	0	26.29	7.041	-0.003	13.53
2/21/2012 1:00	22582	2.03	335.2	48.79	6.368	1.54	39.05	3.429	4.578	38.56	33.57	18.29	35.59	0	0	26.27	7.038	-0.002	11.94
2/21/2012 2:00	22583	3.32	317.3	25.08	8.16	0.746	32.8	3.568	4.578	38.45	32.31	17.57	36.89	0	0	26.26	7.04	0.001	11.98
2/21/2012 3:00	22584	2.751	331.3	52.98	6.368	0.662	42.72	1.253	4.578	36.46	31.43	20.25	36.76	0	0	26.25	7.037	-0.003	12.99
2/21/2012 4:00	22585	5.125	251	41.04	24.26	2.394	284.7	53.36	17.1	33.11	30.46	27.35	37.05	0	0	26.25	7.033	-0.003	12.13
2/21/2012 5:00	22586	4.095	262.6	40.99	8.16	1.571	324.1	8.1	6.368	32.86	31.35	27.19	35.26	0	0	26.24	7.033	0	12.32
2/21/2012 6:00	22587	4.448	324	11.03	8.16	0.718	321.5	4.477	4.578	34.65	32.42	23.3	33.56	0	0	26.24	7.033	0	12.21
2/21/2012 7:00	22588	0.959	323.2	16.99	4.578	0.874	348.5	4.101	2.789	33.54	30.3	25.2	38.7	0	0	26.24	7.03	-0.003	14.36
2/21/2012 8:00	22589	1.343	220.5	22.49	4.578	0.694	354	0	2.789	34.27	30.8	24.73	38.95	0	15.78	26.25	7.027	-0.003	11.97
2/21/2012 9:00	22590	2.186	217	28.29	6.368	0.811	215.3	13.64	4.578	41.66	40.79	23	28.23	0	182.8	26.28	7.022	-0.005	11.82
2/21/2012 10:00	22591	8.35	205.4	10.88	15.31	5.234	207.2	16.91	11.74	44.22	50.36	27.4	26.43	0	391.7	26.37	7.018	-0.004	12.04
2/21/2012 11:00	22592	12.32	202.2	10.11	18.89	8.02	202.9	14.36	13.52	48.93	56.13	29.5	27.73	0	580.3	26.42	7.014	-0.005	12.18
2/21/2012 12:00	22593	14	206.2	10.87	22.47	8.67	206.6	16.6	17.1	57.51	61.47	23.07	21.54	0	718.2	26.44	7.009	-0.005	12.06
2/21/2012 13:00	22594	15.75	213.7	11.62	26.05	9.34	213	19.02	18.89	64.06	66.05	14.92	14.18	0	799.8	26.44	6.999	-0.01	12.13
2/21/2012 14:00	22595	16.24	217.1	14.62	26.05	9.66	216.2	20.81	18.89	67.18	69.2	10.38	9.96	0	810	26.4	6.989	-0.01	12.03
2/21/2012 15:00	22596	17.66	235.6	17.37	33.21	10.99	235.9	23.66	22.47	69.81	71.11	5.732	5.972	0	752.6	26.38	6.957	-0.032	16.08
2/21/2012 16:00	22597	15.89	238	15.78	31.42	10.12	238.1	23.04	24.26	70.6	71.58	5.167	5.466	0	612.4	26.36	6.938	-0.019	12.1
2/21/2012 17:00	22598	12.84	230.8	18.64	22.47	7.98	231.3	25.39	17.1	70.96	71.76	4.321	4.794	0	408.8	26.34	6.926	-0.012	12.19
2/21/2012 18:00	22599	12.81	252.9	14.17	22.47	8.84	254.3	18.97	18.89	70.92	71.04	3.493	4.365	0	236	26.32	6.907	-0.019	13.3
2/21/2012 19:00	22600	8.91	234.5	7.91	15.31	4.754	234.5	15.63	11.74	66.69	65.71	5.902	7.23	0	41.81	26.3	6.892	-0.015	12.08
2/21/2012 20:00	22601	8.38	241.8	14.35	13.52	3.831	239.6	23.22	9.95	59.9	56.38	9.24	12.55	0	0.029	26.26	6.877	-0.014	12.07
2/21/2012 21:00	22602	9.3	247	6.947	15.31	4.656	251.7	14.32	9.95	57.13	54.97	10.93	13.3	0	0.002	26.23	6.869	-0.008	12.29
2/21/2012 22:00	22603	6.716	252.9	11.88	9.95	2.947	264.1	19.27	6.368	52.65	49.31	14.43	17.84	0	0.001	26.22	6.864	-0.005	15.81
2/21/2012 23:00	22604	7.047	271.5	24.7	13.52	3.264	279.9	30.96	6.368	48.57	44.92	19.28	23.21	0	0	26.21	6.861	-0.003	13.59
2/22/2012 0:00	22605	7.757	293.3	5.729	11.74	3.543	296.9	15.28	6.368	48.54	43.94	20.44	25.89	0	0	26.2	6.86	-0.001	16.01
2/22/2012 1:00	22606	8.23	305.4	7.626	11.74	4.283	306.8	12.2	8.16	47.31	42.82	23.82	28.94	0	0	26.18	6.853	-0.006	12.03
2/22/2012 2:00	22607	8.01	296.3	9.74	13.52	4.388	287.7	18.45	8.16	46.3	43.62	25.45	28.52	0	0	26.18	6.85	-0.003	12.23
2/22/2012 3:00	22608	9.85	295.5	8.16	13.52	5.956	294.8	12.18	9.95	44.7	41.95	28.22	31.48	0	0	26.17	6.844	-0.006	12
2/22/2012 4:00	22609	9.2	292.3	7.835	15.31	5.672	297.5	11.01	9.95	41.85	39.75	31.72	34.03	0	0	26.16	6.841	-0.003	15.52
2/22/2012 5:00	22610	8.94	291.9	9.71	11.74	4.585	296.6	17.51	8.16	43.48	39.47	30.72	35.79	0	0	26.14	6.838	-0.003	12.16
2/22/2012 6:00	22611	6.417	260.5	18.61	9.95	2.757	262.3	33.17	6.368	44.22	40.19	29.93	34.73	0	0	26.14	6.834	-0.003	15.73
2/22/2012 7:00	22612	9.86	299.4	7.704	15.31	5.651	309.6	6.162	9.95	44.05	40.01	31.14	36.59	0	0	26.14	6.825	-0.01	12.11
2/22/2012 8:00	22613	9.67	293.9	8.87	15.31	6.647	296.3	11.87	13.52	42.66	41.25	33.95	34.95	0	18.88	26.14	6.825	0	11.99
2/22/2012 9:00	22614	7.406	277.6	17.88	11.74	5.517	278.1	19.24	9.95	47.02	46.59	30.75	30.49	0	197.2	26.18	6.823	-0.002	12.06
2/22/2012 10:00	22615	10.66	272.3	14.56	18.89	8.37	274	16.85	15.31	58.37	58.39	17.48	17.89	0	404.6	26.23	6.817	-0.006	11.97
2/22/2012 11:00	22616	17.38	266.6	9.46	27.84	13.41	267.5	11.87	24.26	66.29	66.71	8.45	9.15	0	594.6	26.28	6.809	-0.008	16.3
2/22/2012 12:00	22617	19.08	265	11.34	29.63	14.39	266	14.05	26.05	69.41	70.21	5.422	6.002	0	736.2	26.29	6.789	-0.02	12.01
2/22/2012 13:00	22618	20.19	277	12.59	31.42	16.3	278	15.33	26.05	72.34	73.16	5.254	5.617	0	813	26.28	6.764	-0.026	12.17
2/22/2012 14:00	22619	20.62	288	10.67	31.42	16.69	276.8	44.75	26.05	74.38	75.3	5.055	5.32	0	819	26.26	6.739	-0.025	16.23
2/22/2012 15:00	22620	17.23	272.3	15.7	31.42	13.39	273.7	17.87	26.05	76.18	77.13	3.935	4.335	0	761.3	26.23	6.738	-0.001	12.13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/22/2012 16:00	22621	15.67	236.6	42.6	29.63	11.02	262.1	28.75	27.84	76.87	77.69	3.096	3.569	0	638.4	26.2	6.725	-0.013	12.14
2/22/2012 17:00	22622	10.33	267.2	36.3	115.5	13.9	263.2	14.47	24.26	76.8	77.05	2.961	3.518	0.1	460.9	26.17	6.707	-0.018	12.22
2/22/2012 18:00	22623	17.73	264.5	9.81	27.84	13.19	265	11.87	24.26	75.77	75.9	2.68	3.471	0	249.3	26.14	6.685	-0.022	12.16
2/22/2012 19:00	22624	12.97	258	8.48	24.26	8.67	257.4	9.64	17.1	71.89	70.99	5.204	6.385	0	42.37	26.12	6.66	-0.025	12.17
2/22/2012 20:00	22625	11.68	258.7	10.1	18.89	7.48	257.4	10.69	15.31	66.3	64.95	9.67	10.98	0	0.054	26.09	6.646	-0.014	12.12
2/22/2012 21:00	22626	9.93	247.9	9.12	17.1	5.694	245.2	11.18	11.74	61.64	60.5	12.6	13.69	0	0.006	26.06	6.633	-0.013	15.98
2/22/2012 22:00	22627	9.02	225.7	13.28	15.31	4.3	224.2	15.23	9.95	56.52	54.78	16.07	17.67	0	0.002	26.03	6.609	-0.024	15.67
2/22/2012 23:00	22628	9.69	238.6	9.65	18.89	4.919	237.1	12.31	15.31	54.29	52.58	17.62	19.26	0	0.002	26.01	6.61	0.001	15.9
2/23/2012 0:00	22629	8.79	257.6	8.94	15.31	5.086	257.8	9.59	9.95	53.59	51.91	18.87	20.4	0	0.003	26.01	6.607	-0.003	12.15
2/23/2012 1:00	22630	6.224	245.4	6.798	13.52	2.593	243.5	0.453	6.368	50.79	47.71	22.29	25.04	0	0	25.98	6.61	0.003	15.81
2/23/2012 2:00	22631	7.808	250.7	8.3	15.31	3.661	243.8	6.921	9.95	52.27	49.18	20.6	23.75	0	0	25.96	6.61	0	16.42
2/23/2012 3:00	22632	14.17	255.1	9.14	24.26	9	255	12.58	18.89	56.8	55.37	16.48	17.88	0	0.007	25.97	6.61	0	12.9
2/23/2012 4:00	22633	14.96	260.5	9.23	24.26	10.57	260.8	10.87	20.68	58.85	57.61	14.74	15.87	0	0.014	25.98	6.608	-0.001	12.1
2/23/2012 5:00	22634	14.24	255.7	8.4	27.84	9.06	255.9	11.34	20.68	58.33	56.92	13.81	15.11	0	0.01	25.98	6.608	0	14.75
2/23/2012 6:00	22635	15.5	268.6	10.27	29.63	11.44	269.1	11.56	24.26	57.01	55.76	14.69	15.82	0	0.007	25.97	6.609	0.001	15.95
2/23/2012 7:00	22636	12.61	254.5	10.78	27.84	8.19	253.4	13.83	18.89	57.3	56.05	14.4	15.53	0	0.005	25.96	6.609	0	15.97
2/23/2012 8:00	22637	17.07	262.2	11.65	31.42	12.23	261.9	14.08	26.05	58.88	57.7	11.66	12.78	0	17.01	25.95	6.608	-0.001	15.94
2/23/2012 9:00	22638	17.93	260.9	12.81	29.63	12.77	262	15.63	22.47	61.15	60.7	10.29	10.91	0	207.2	25.98	6.608	0	14.93
2/23/2012 10:00	22639	20.19	262.5	10.26	40.36	14.97	263.3	12.9	34.99	65.61	65.69	7.182	7.794	0	415.5	26.02	6.61	0.002	15.17
2/23/2012 11:00	22640	27.24	266.2	10.32	43.94	20.6	266.9	12.47	38.57	69.98	70.44	3.905	4.499	0	598	26.05	6.599	-0.011	12.11
2/23/2012 12:00	22641	29.07	269.6	10.09	45.73	22.24	270.7	12.15	36.78	73.35	74.13	3.397	3.828	0	731.7	26.07	6.567	-0.032	12.22
2/23/2012 13:00	22642	27.63	282.3	11.7	43.94	22.28	283.4	13.7	36.78	76.34	77.17	2.348	1.914	0	814	26.07	6.532	-0.035	12.22
2/23/2012 14:00	22643	28.07	281.3	10.72	42.15	22.58	282.3	13.15	34.99	78.35	79.29	2.345	1.754	0	833	26.04	6.516	-0.016	15.07
2/23/2012 15:00	22644	25.14	270.3	11.53	38.57	19.45	270.8	13.14	33.21	80	81	2.372	1.767	0	768.5	26.03	6.509	-0.006	13.27
2/23/2012 16:00	22645	22.28	279.6	11.89	34.99	17.86	280.9	14.19	29.63	80.3	81.1	2.386	1.869	0	638.2	26.03	6.475	-0.035	12.18
2/23/2012 17:00	22646	18.38	263.7	11.94	27.84	13.72	264.3	13.48	26.05	80.1	80.8	2.383	2.331	0	453.7	26.04	6.478	0.003	12.04
2/23/2012 18:00	22647	15.1	297.1	53.95	31.42	10.84	298.3	53.16	22.47	78.25	78.45	5.483	5.239	0	238.8	26.05	6.446	-0.032	15.65
2/23/2012 19:00	22648	20.62	48.04	9.98	33.21	11.7	46.4	14.14	22.47	62.1	62.1	28.85	27.95	0	32.93	26.08	6.435	-0.011	15.5
2/23/2012 20:00	22649	19.16	47.01	9.37	31.42	10.42	44.28	13.41	24.26	56.95	56.79	32.89	32.03	0	0.019	26.09	6.424	-0.011	15.69
2/23/2012 21:00	22650	22.54	42.47	9.86	36.78	12.13	41.2	12.02	26.05	52.81	52.7	32.98	32.05	0	0.001	26.12	6.419	-0.005	12.37
2/23/2012 22:00	22651	23.86	36.89	10.82	40.36	13.34	37.71	11.32	31.42	47.98	47.92	29.22	28.42	0	0	26.17	6.413	-0.006	12.32
2/23/2012 23:00	22652	24	32.86	10.91	38.57	13.49	34.18	11.9	34.99	44.27	44.23	22.75	22.22	0	0	26.21	6.407	-0.006	12.92
2/24/2012 0:00	22653	20.87	25.79	10.44	34.99	12.64	27	12.78	27.84	41.67	41.67	28.35	27.35	0	0	26.26	6.406	-0.002	12.14
2/24/2012 1:00	22654	16.46	22.58	9.68	43.94	10.64	22.69	11.77	24.26	39.73	39.72	33.5	32.14	0	0	26.28	6.409	0.004	12.17
2/24/2012 2:00	22655	13.7	16.51	9.33	22.47	9.8	17.51	10.61	18.89	38.3	38.3	38.33	36.62	0	0	26.31	6.406	-0.003	15.17
2/24/2012 3:00	22656	9.85	3.513	11.98	17.1	6.895	2.862	14.76	15.31	36.82	36.78	42.48	40.59	0	0	26.33	6.406	0	11.95
2/24/2012 4:00	22657	9.07	346.2	9.05	15.31	6.386	344.3	10.96	11.74	34.58	34.44	46.69	44.71	0	0	26.31	6.406	0	12.1
2/24/2012 5:00	22658	9.23	333.1	11.36	17.1	6.797	332.2	12.46	11.74	33.52	33.28	48.7	46.64	0	0	26.32	6.414	0.008	12
2/24/2012 6:00	22659	8.48	329.6	7.703	13.52	5.975	331.8	9.73	11.74	30.98	30.67	53.76	51.37	0	0	26.34	6.434	0.02	15.63
2/24/2012 7:00	22660	9.19	330.8	7.479	13.52	6.632	331.4	10.81	11.74	30.14	29.82	56.62	53.99	0	0	26.35	6.449	0.016	12.09
2/24/2012 8:00	22661	8.87	333.9	8.47	13.52	6.42	334.5	10.96	11.74	29.19	28.83	58.98	56.12	0	19.65	26.37	6.468	0.019	12.04
2/24/2012 9:00	22662	9.11	348.4	13.83	15.31	6.747	348	16.06	11.74	34.02	34.19	52.91	49.56	0	212.9	26.42	6.486	0.018	15.8
2/24/2012 10:00	22663	10.1	22.67	15.21	15.31	6.639	23.99	16.14	13.52	40.06	40.59	39.74	37.6	0	429.3	26.5	6.506	0.02	12.03
2/24/2012 11:00	22664	7.706	54.67	21.89	13.52	5.095	55.13	24.31	11.74	43.9	45.23	32.46	30.51	0	622.7	26.55	6.517	0.011	12.01
2/24/2012 12:00	22665	5.375	68.68	60.5	13.52	4.033	69.36	63.08	9.95	48.13	49.38	25.63	24.39	0	760.9	26.6	6.535	0.018	15.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/24/2012 13:00	22666	4.473	55.66	79.79	13.52	3.612	49.23	80.4	11.74	51.61	52.25	19.62	19.12	0	837	26.61	6.55	0.015	12.06
2/24/2012 14:00	22667	5.652	144.1	57.35	13.52	4.407	149.8	70.77	9.95	52.58	54.24	17.17	16.4	0	844	26.6	6.558	0.008	12.06
2/24/2012 15:00	22668	5.172	38.09	59.7	11.74	4.018	43.5	58.72	11.74	54.21	55.26	15.29	14.66	0	780.5	26.59	6.565	0.006	15.81
2/24/2012 16:00	22669	5.537	77.39	64.19	17.1	4.278	80.1	51.22	15.31	55.19	56.02	13.98	13.6	0	654	26.58	6.584	0.019	12.07
2/24/2012 17:00	22670	6.314	166.7	35.07	13.52	4.679	171.7	34.43	11.74	54.81	56.28	14.13	13.39	0	475.9	26.56	6.582	-0.002	15.43
2/24/2012 18:00	22671	6.137	147.8	25.81	13.52	4.421	150.8	25.85	9.95	53.74	54.99	14.53	14.01	0	262.5	26.54	6.589	0.007	12.08
2/24/2012 19:00	22672	6.547	152	7.768	11.74	3.558	153.3	7.904	8.16	50.34	49.41	16.47	17.29	0	48.87	26.52	6.593	0.004	14.58
2/24/2012 20:00	22673	6.365	149.5	10.81	9.95	2.224	142.6	13.71	4.578	45.91	41.34	19.44	23.55	0	0.047	26.49	6.604	0.011	12.16
2/24/2012 21:00	22674	7.822	128.4	5.307	9.95	3.161	110.3	3.593	4.578	43.79	38.84	22.95	27.52	0	0	26.47	6.615	0.012	12.05
2/24/2012 22:00	22675	8.54	133.5	5.274	11.74	3.609	124.9	9.78	6.368	40.7	36.73	28.82	32.76	0	0	26.46	6.631	0.016	12.01
2/24/2012 23:00	22676	8.47	136.1	4.361	9.95	3.575	131.7	6.902	6.368	39.09	36.12	31.57	34.61	0	0	26.46	6.647	0.016	16.11
2/25/2012 0:00	22677	7.724	139	5.442	9.95	3.398	135.8	8.43	6.368	38.97	36.59	32.37	34.72	0	0	26.46	6.66	0.013	12.14
2/25/2012 1:00	22678	8.49	143.4	5.739	13.52	3.759	141.1	8.05	6.368	37.65	34.74	34.73	37.61	0	0	26.46	6.68	0.02	12.05
2/25/2012 2:00	22679	5.112	148.1	17.26	9.95	1.588	152.7	19.89	6.368	34.73	32.53	39.74	41.08	0	0	26.45	6.7	0.02	15.16
2/25/2012 3:00	22680	3.158	192.5	14.74	6.368	0.484	174.2	2.347	2.789	33.25	30.39	42.34	44.77	0	0	26.44	6.726	0.026	12.05
2/25/2012 4:00	22681	3.213	162.7	23.1	6.368	0.312	168.2	0.576	2.789	32.33	29.42	43.95	46.73	0	0	26.41	6.742	0.016	15.12
2/25/2012 5:00	22682	4.159	150.2	14.26	6.368	0.487	142.3	4.156	2.789	32.05	28.92	45.37	48.33	0	0	26.39	6.777	0.035	11.95
2/25/2012 6:00	22683	4.198	172	8.75	6.368	0.132	156	0.077	2.789	31.65	28.25	46.93	49.97	0	0	26.39	6.78	0.004	15.24
2/25/2012 7:00	22684	4.282	186.1	13.46	6.368	0.322	172.4	5.159	2.789	31.14	27.81	48.35	51.78	0	0	26.38	6.787	0.007	12.06
2/25/2012 8:00	22685	5.623	202.6	8.53	8.16	1.392	209.6	11.69	4.578	32.39	28.83	47.38	51.31	0	25.14	26.38	6.8	0.013	12.01
2/25/2012 9:00	22686	8.32	187.9	11.32	17.1	5.463	191.8	13	15.31	37.25	37.69	42.67	41.11	0	221	26.41	6.864	0.064	15.26
2/25/2012 10:00	22687	18.86	181.1	9.03	29.63	12.15	185	13.95	22.47	44.79	46.04	30.22	28.65	0	435	26.48	6.88	0.016	15.87
2/25/2012 11:00	22688	21.4	178.1	9.54	31.42	13.83	182	14.22	26.05	48.24	50.1	26.75	24.71	0	626.4	26.51	6.888	0.008	15.65
2/25/2012 12:00	22689	19.7	181.5	12.04	33.21	12.92	185.1	15.64	26.05	51.21	53.64	25.17	22.8	0	762.1	26.52	6.9	0.012	12.04
2/25/2012 13:00	22690	20.46	179	11.7	33.21	13.49	182.8	15.55	24.26	53.78	56.42	24.09	21.59	0	837	26.5	6.912	0.012	12.14
2/25/2012 14:00	22691	20.31	181.9	11.64	31.42	13.3	185.1	15.21	24.26	56.69	59.44	21.91	19.59	0	841	26.47	6.924	0.012	12.1
2/25/2012 15:00	22692	21.01	187	12.81	31.42	13.66	188.8	16.16	26.05	59.31	61.82	21.21	19.03	0	774.8	26.43	6.923	-0.002	12.66
2/25/2012 16:00	22693	19.95	192.1	11.79	31.42	13.08	193.7	14.85	24.26	60.9	62.96	19.88	18.11	0	648.2	26.41	6.923	0	12.19
2/25/2012 17:00	22694	19.7	187.9	10.75	31.42	12.81	190.2	14.56	24.26	62.07	63.75	18.4	17.06	0	469.4	26.37	6.924	0.001	15.94
2/25/2012 18:00	22695	18.29	187.6	9.62	27.84	11.79	189.9	13.74	22.47	62.72	63.51	17.5	16.86	0	259.3	26.34	6.924	0.001	12.07
2/25/2012 19:00	22696	13.58	172.6	11.44	20.68	8.13	173.5	14.97	15.31	60.58	60.05	19.6	19.74	0	49.04	26.31	6.925	0.001	15.79
2/25/2012 20:00	22697	13.56	158	7.752	20.68	8.25	159.4	10.97	17.1	54.86	53.91	27.23	27.22	0	0.085	26.28	6.926	0.001	12.01
2/25/2012 21:00	22698	14.57	158.7	8.26	22.47	8.89	160	11.82	18.89	51.03	50.21	34.87	34.47	0	0.004	26.26	6.927	0.001	14.29
2/25/2012 22:00	22699	15.61	169.5	8.26	24.26	9.58	171.9	12.44	20.68	48.84	48.13	38.92	38.24	0	0.003	26.24	6.934	0.006	15.33
2/25/2012 23:00	22700	13.41	176	8.95	20.68	8.18	179.1	13.3	15.31	46.39	45.66	42.3	41.53	0	0.001	26.24	6.94	0.006	15.76
2/26/2012 0:00	22701	11.08	180.9	8.27	20.68	6.767	184.2	12.32	13.52	43.8	43	44.61	43.91	0	0	26.22	6.953	0.013	14.44
2/26/2012 1:00	22702	6.826	183.1	8.58	15.31	3.533	183.4	9.49	9.95	41.18	39.63	44.76	45.13	0	0	26.2	6.974	0.021	15.34
2/26/2012 2:00	22703	7.283	189.5	5.284	9.95	3.146	189.6	6.953	6.368	39.08	36.54	47.66	49.42	0	0	26.18	6.99	0.016	15.76
2/26/2012 3:00	22704	6.324	193.9	7.145	9.95	2.401	194.8	9.24	6.368	37.15	34.79	52.26	53.27	0	0	26.16	7.025	0.035	12.05
2/26/2012 4:00	22705	5.462	204.5	9.55	8.16	1.958	210	13.69	4.578	36.42	34.46	56.21	56.38	0	0	26.13	7.039	0.014	15.21
2/26/2012 5:00	22706	5.103	210.3	13.68	9.95	1.651	225.5	20.59	4.578	35.88	33.35	59.39	59.75	0	0	26.12	7.058	0.02	14.62
2/26/2012 6:00	22707	4.658	217.4	9.02	8.16	0.895	242.1	8.87	4.578	35.2	32.35	62.03	62.48	0	0	26.11	7.078	0.019	12.07
2/26/2012 7:00	22708	5.223	234.7	8.4	8.16	1.848	255.3	8.85	4.578	35.1	32.22	64.82	64.81	0	0	26.12	7.097	0.019	15.47
2/26/2012 8:00	22709	5.338	243.1	6.902	8.16	1.951	261.1	10.6	4.578	34.83	32.27	66.65	66.17	0	25.67	26.12	7.116	0.019	12.53
2/26/2012 9:00	22710	7.192	220.3	11.01	11.74	4.188	224.1	19.09	8.16	38.94	39.44	64.65	59.93	0	213.3	26.16	7.139	0.023	15.4

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/26/2012 10:00	22711	8.24	214.5	10.34	11.74	5.197	215.2	17.45	9.95	46.33	47.52	53.75	49.59	0	419.5	26.23	7.155	0.016	11.98
2/26/2012 11:00	22712	9.04	222.4	12.45	15.31	5.887	224.9	20.28	11.74	54.79	56.29	41.5	38.54	0	605.7	26.29	7.179	0.024	12
2/26/2012 12:00	22713	9.91	209.5	14.01	17.1	6.531	212	20.1	13.52	62.47	64.94	31.66	29.11	0	742.3	26.33	7.198	0.02	12.1
2/26/2012 13:00	22714	11.82	208.5	12.82	20.68	7.82	209.9	18.58	15.31	67.72	69.84	25.72	23.44	0	818	26.35	7.21	0.012	12.26
2/26/2012 14:00	22715	11	215.2	16.17	18.89	7.072	216.2	23.61	13.52	71.5	73.49	21.46	19.6	0	828	26.33	7.226	0.015	15.65
2/26/2012 15:00	22716	12.31	215.9	16.05	22.47	7.891	217.6	22.28	17.1	74.39	76.24	16.76	15.47	0	768.5	26.31	7.245	0.019	15.56
2/26/2012 16:00	22717	12.62	203.4	15.25	24.26	8.36	204.1	19.1	18.89	75.52	77.41	15.49	14.34	0	640.5	26.29	7.245	0	12.23
2/26/2012 17:00	22718	13.67	222	22.04	22.47	9.15	223.9	26.85	17.1	75.88	77.04	13.43	12.85	0	463.9	26.28	7.248	0.003	13.71
2/26/2012 18:00	22719	11.61	191.5	16.63	18.89	7.593	193.5	18.41	13.52	75.11	75.87	15.48	15.07	0	250.2	26.27	7.249	0.001	12.21
2/26/2012 19:00	22720	9.38	161.7	12.82	17.1	5.149	161.7	16.76	11.74	70.49	69.3	18.91	19.69	0	45.91	26.26	7.249	0	12.44
2/26/2012 20:00	22721	9	141.1	4.478	13.52	3.798	133.1	8.27	8.16	62.8	58.62	25.77	28.82	0	0.066	26.23	7.255	0.006	15.47
2/26/2012 21:00	22722	11.65	149.8	7.303	17.1	6.774	151.8	10.33	11.74	60.05	58.53	35.51	35.72	0	0.003	26.22	7.261	0.007	15.53
2/26/2012 22:00	22723	9.34	162	12.16	17.1	5.238	166.7	15.94	13.52	56.68	55.66	45.75	45.18	0	0.004	26.24	7.275	0.013	12.03
2/26/2012 23:00	22724	5.187	149.5	12.33	8.16	1.847	146.9	8.67	4.578	52.93	51.05	52.59	52.62	0	0.001	26.24	7.289	0.014	12.04
2/27/2012 0:00	22725	3.153	173.7	19.36	8.16	0.985	167.5	6.02	4.578	50.84	48.99	57.19	57.02	0	0	26.24	7.305	0.016	15.6
2/27/2012 1:00	22726	5.056	191.5	21.31	9.95	1.961	187.7	12.55	4.578	50.34	48.43	59.89	59.57	0	0.001	26.24	7.33	0.025	12.21
2/27/2012 2:00	22727	3.939	243.5	20.59	6.368	1.25	258.7	3.937	4.578	49.65	47.56	63.1	62.73	0	0.001	26.24	7.349	0.019	12.01
2/27/2012 3:00	22728	4.341	182.1	7.671	6.368	0.577	258.7	0.094	2.789	48.7	45.99	68.1	67.23	0	0	26.24	7.368	0.019	11.97
2/27/2012 4:00	22729	5.178	150.4	77.16	20.68	1.835	5.917	40.85	15.31	47.98	46.24	73.49	71.93	0	0	26.25	7.404	0.036	15.73
2/27/2012 5:00	22730	9.51	29.69	12.4	15.31	5.6	31.03	12.89	11.74	46.06	45.85	72.26	68.85	0	0	26.28	7.425	0.021	11.96
2/27/2012 6:00	22731	9.39	51.1	11.54	15.31	5.587	52.75	14.23	11.74	43.3	42.95	74.97	71.41	0	0	26.29	7.442	0.017	11.96
2/27/2012 7:00	22732	7.822	58.84	9.36	11.74	4.896	61.03	12.08	8.16	41.58	41.18	80.2	76.1	0	0	26.3	7.463	0.02	14.7
2/27/2012 8:00	22733	7.281	41.8	15.42	11.74	4.015	43.15	16.45	8.16	41.91	41.71	82.8	78.25	0	17.32	26.33	7.488	0.025	12.05
2/27/2012 9:00	22734	8.1	27.01	10.54	13.52	4.882	28.97	11.89	9.95	44.81	45.05	81.5	76.79	0	70.46	26.36	7.511	0.023	12.08
2/27/2012 10:00	22735	9.91	24.49	10.34	15.31	6.445	26.46	12.16	13.52	46.12	46.85	77.88	72.97	0	102.5	26.41	7.539	0.028	11.97
2/27/2012 11:00	22736	11.03	17.48	9.84	17.1	7.653	19.45	10.96	15.31	45.92	47.02	78.12	73.18	0	89.2	26.43	7.562	0.022	15.65
2/27/2012 12:00	22737	12.78	19.89	8.86	17.1	8.51	22.36	10.9	15.31	45.25	46.75	80.6	75.49	0	107.2	26.43	7.59	0.029	12.08
2/27/2012 13:00	22738	12.76	23.66	10.09	18.89	8.1	25.7	12.02	15.31	44.79	46.67	84.7	79.22	0	162	26.41	7.612	0.022	16.3
2/27/2012 14:00	22739	10.97	38.06	10.67	17.1	6.138	38.41	11.07	13.52	46.13	47.8	85.1	79.65	0	150.3	26.38	7.638	0.025	16.4
2/27/2012 15:00	22740	10.89	50.87	10.6	17.1	6.87	51.15	13.42	13.52	47.7	49.36	87.4	82	0	168.4	26.36	7.657	0.019	15.81
2/27/2012 16:00	22741	10.31	43.71	10.86	17.1	5.857	42.29	12.81	13.52	48.67	49.43	89.1	84	0	94.2	26.34	7.682	0.025	12.09
2/27/2012 17:00	22742	9.3	67.62	18.27	15.31	5.739	67.29	21.53	11.74	48.41	50.67	91	86.8	0	61.16	26.33	7.707	0.025	12.21
2/27/2012 18:00	22743	9.85	80.3	9.46	15.31	6.366	81.3	15.74	11.74	45.92	51.91	91.3	87	0	58.57	26.33	7.733	0.025	13.62
2/27/2012 19:00	22744	9.95	77.38	9.83	17.1	6.346	79.11	15.74	11.74	45.4	52.41	91.1	86.7	0	20.03	26.32	7.758	0.025	12.17
2/27/2012 20:00	22745	11.47	93.1	10.95	18.89	7.756	95	15.56	15.31	43.81	52.52	91.2	87.3	0	0.06	26.32	7.783	0.025	16.41
2/27/2012 21:00	22746	13.44	93.9	9	22.47	9.44	96.8	14.53	17.1	43.79	53.49	92	88.3	0	0.008	26.31	7.805	0.022	16.26
2/27/2012 22:00	22747	12.67	105.6	9.26	20.68	8.61	107.7	14.83	18.89	45.27	54.24	91.2	87.7	0	0.013	26.31	7.827	0.022	16.35
2/27/2012 23:00	22748	13.34	113.1	8.68	20.68	8.7	115.2	14.42	15.31	42.82	53.68	91.7	87.9	0	0.011	26.31	7.849	0.022	16.31
2/28/2012 0:00	22749	15.92	127.7	7.968	26.05	10.3	131.6	13.65	18.89	43.51	54.31	89.8	86.6	0	0.011	26.28	7.878	0.029	13.97
2/28/2012 1:00	22750	17.26	131.4	7.969	34.99	11.22	135.4	13.31	22.47	44.19	54.9	89.7	85.5	0	0.011	26.26	7.896	0.019	11.96
2/28/2012 2:00	22751	12.69	135.3	9.31	20.68	8.35	139.6	13.93	15.31	44.82	55.35	89	84.6	0	0.022	26.25	7.912	0.015	16.64
2/28/2012 3:00	22752	14.62	152.9	10.21	24.26	9.32	155.9	13.15	18.89	46	56.26	86.9	82.7	0	0.024	26.22	7.937	0.025	16.8
2/28/2012 4:00	22753	17.42	164	8.19	27.84	10.73	166.5	13.33	20.68	46.75	57.1	85.1	80.7	0	0.035	26.21	7.956	0.019	16.4
2/28/2012 5:00	22754	17.67	172.8	8.43	29.63	11.05	175.4	13.54	22.47	46.86	56.73	85.8	81.4	0	0.025	26.2	7.978	0.022	16.67
2/28/2012 6:00	22755	14.07	179.7	8.15	24.26	8.95	182.7	13.57	20.68	45.8	55.93	87.9	83.3	0	0.027	26.2	7.991	0.013	12.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/28/2012 7:00	22756	8.9	202.4	15.22	17.1	5.267	204.5	19.28	13.52	43.78	54.46	90	85.4	0	0.012	26.21	8.01	0.023	12.32
2/28/2012 8:00	22757	5.355	209.6	10.65	8.16	2.991	209.1	12.62	6.368	40.79	52.34	92.3	87.5	0	8.08	26.2	8.04	0.023	11.83
2/28/2012 9:00	22758	11.4	188	9.43	24.26	7.331	191	12.51	18.89	42.54	54.54	91.8	88.2	0	154.3	26.2	8.07	0.035	12.06
2/28/2012 10:00	22759	18.96	185	8.49	27.84	12.16	188.5	13.62	22.47	47.31	60.46	81.8	75.58	0	396.9	26.23	8.09	0.017	13.66
2/28/2012 11:00	22760	18.93	200.5	12.63	29.63	11.81	201.6	16.05	20.68	51.89	65.76	66.25	60.29	0	593	26.27	8.1	0.011	13.77
2/28/2012 12:00	22761	19.01	217.9	10.9	29.63	11.4	218	20.48	22.47	55.94	69.19	48.63	44.58	0	735.3	26.3	8.12	0.025	14.57
2/28/2012 13:00	22762	22.91	224.9	11.93	34.99	14.07	226.5	20.99	26.05	61.58	73.69	26.98	25.28	0	814	26.29	8.14	0.015	16.75
2/28/2012 14:00	22763	28.13	236.7	12.7	47.52	19.44	240	18.44	34.99	69.2	76.37	14.56	14.11	0	809	26.27	8.16	0.018	12.45
2/28/2012 15:00	22764	30.49	243.8	10.48	49.31	21.59	248.5	14.45	43.94	68.95	76.73	9.75	9.73	0	756	26.26	8.12	-0.035	12.31
2/28/2012 16:00	22765	31.73	246.8	10.37	49.31	22.79	251.3	13.46	38.57	70.38	77.15	5.897	6.229	0	623	26.25	8.1	-0.025	13.04
2/28/2012 17:00	22766	29.96	244.9	10.07	47.52	21.48	249.1	13.25	38.57	70.15	76.59	3.97	4.335	0	449.5	26.26	8.07	-0.025	12.29
2/28/2012 18:00	22767	29.12	248.1	9.68	47.52	20.77	252.1	11.23	36.78	74.7	74.76	2.351	2.401	0	226.6	26.26	8.04	-0.028	12.26
2/28/2012 19:00	22768	19.67	254.1	10.47	38.57	14	256.8	9.23	29.63	71.81	71.3	2.314	2.136	0	32.48	26.26	8.03	-0.012	16.48
2/28/2012 20:00	22769	12.06	265.8	10.5	20.68	8.7	265.1	7.71	15.31	67.35	66.38	2.294	2.749	0	0.107	26.27	8.03	-0.001	12.3
2/28/2012 21:00	22770	11.79	292.1	10.84	17.1	8.99	296.3	10.21	15.31	61.49	60.66	9.33	9.91	0	0.023	26.27	8.03	-0.003	14.57
2/28/2012 22:00	22771	11.85	310.6	9.15	20.68	9.17	314	6.689	15.31	58.01	57.27	14.93	15.34	0	0.009	26.28	8.03	-0.003	12.22
2/28/2012 23:00	22772	10.57	330	8.83	17.1	7.179	331	7.998	15.31	54.09	53.12	18.76	19.3	0	0.004	26.29	8.03	0.002	14.2
2/29/2012 0:00	22773	12.39	339.2	8.82	20.68	8.58	341.9	6.662	17.1	50.96	50.31	20.11	20.33	0	0.001	26.27	8.03	0	12.03
2/29/2012 1:00	22774	14.82	347.7	11.44	42.15	10.22	348.6	10.71	29.63	49.55	49.03	17.46	17.74	0	0	26.26	8.03	0	15.84
2/29/2012 2:00	22775	9.83	1.784	56.45	20.68	6.44	356.9	9.01	15.31	47.58	46.74	16.87	17.53	0	0	26.28	8.04	0.013	12.04
2/29/2012 3:00	22776	6.251	319.1	63.87	11.74	3.81	337.8	4.825	9.95	45.85	44.05	17.67	19.35	0	0	26.28	8.05	0.014	12.02
2/29/2012 4:00	22777	4.494	132.1	57.66	9.95	2.455	335.2	0.243	6.368	43.59	39.85	19.97	23.68	0	0	26.26	8.07	0.011	16.46
2/29/2012 5:00	22778	3.294	16.06	70.42	8.16	1.953	335.5	0.089	6.368	43.19	37.95	20.09	26.91	0	0	26.25	8.08	0.016	16.5
2/29/2012 6:00	22779	2.327	305.3	54.81	6.368	0.888	335.6	0.054	4.578	39.46	34.55	25.9	33.1	0	0	26.25	8.1	0.017	14.64
2/29/2012 7:00	22780	2.92	329.9	28.18	8.16	0.637	335.7	0.024	4.578	39.19	35.48	26.26	31.75	0	0	26.25	8.12	0.017	16.11
2/29/2012 8:00	22781	1.954	319.7	15.66	4.578	0.728	335.7	0	2.789	37.73	32.9	27.88	36.39	0	31.37	26.26	8.13	0.019	16.17
2/29/2012 9:00	22782	5.392	315.4	9.2	8.16	3.758	335.2	0.346	8.16	44.12	43.2	23.56	25.73	0	214.9	26.29	8.15	0.017	11.96
2/29/2012 10:00	22783	8.32	321.5	10.95	13.52	6.948	332.9	5.279	11.74	51.26	51.42	18.84	18.58	0	451.6	26.37	8.17	0.014	15.78
2/29/2012 11:00	22784	6.669	258.3	36.44	13.52	5.052	327.5	1.481	9.95	57.71	58.31	13.1	12.87	0	637.5	26.43	8.19	0.024	11.97
2/29/2012 12:00	22785	8.45	220.2	19.88	15.31	5.798	325	0.553	13.52	61.38	62.74	11.89	11.38	0	748	26.46	8.2	0.011	11.91
2/29/2012 13:00	22786	9.25	224.1	22.43	18.89	6.456	323.1	1.662	15.31	66.28	67.65	7.924	7.741	0	853	26.46	8.22	0.025	16.08
2/29/2012 14:00	22787	10.27	217	23.97	22.47	7.098	324.5	5.771	17.1	68.91	70.6	5.877	5.788	0	751.9	26.43	8.24	0.013	11.94
2/29/2012 15:00	22788	10.64	225.9	24.92	24.26	7.375	331.6	16.2	17.1	70.74	71.98	3.087	3.244	0	723.3	26.4	8.24	0.006	12.01
2/29/2012 16:00	22789	11.07	240.4	18.38	20.68	7.946	327.9	0.397	17.1	71.45	72.18	2.323	1.985	0	497.7	26.38	8.25	0.007	16.4
2/29/2012 17:00	22790	11.29	232.8	16.57	20.68	7.607	327.3	0.442	17.1	71.9	72.47	2.322	1.749	0	354.8	26.35	8.26	0.006	16.56
2/29/2012 18:00	22791	12.03	216.1	11.43	18.89	7.148	327.3	0.344	13.52	70.96	71.34	2.32	1.74	0	236.2	26.33	8.26	0	16.43
2/29/2012 19:00	22792	8.95	221.3	9.3	15.31	4.676	327.6	0.158	9.95	66.52	65.67	3.568	4.301	0	31.44	26.31	8.26	0.002	11.98
2/29/2012 20:00	22793	9.54	212.5	6.977	13.52	4.786	327.6	0.126	8.16	61.18	59.2	6.595	8.2	0	0.07	26.28	8.27	0.01	16.55
2/29/2012 21:00	22794	7.933	218.5	6.961	13.52	3.067	327.7	0.143	8.16	57.99	54.95	7.116	9.54	0	0.004	26.26	8.28	0.011	15.02
2/29/2012 22:00	22795	6.602	240.5	5.78	11.74	2.842	327.7	0.364	6.368	54.11	50.23	9.23	12.41	0	0.001	26.24	8.29	0.011	11.76
2/29/2012 23:00	22796	6.109	252.2	16.33	9.95	2.475	327.7	0.281	4.578	51.31	46.74	11.14	15.45	0	0	26.23	8.3	0.013	12.04
3/1/2012 0:00	22797	7.612	231.2	12.34	9.95	2.239	327.8	0	6.368	52.11	46.32	10.64	15.7	0	0	26.21	8.32	0.017	12.22
3/1/2012 1:00	22798	7.053	231.7	12.41	9.95	2.358	327.8	0	4.578	50.3	45.02	12.56	16.99	0	0	26.19	8.34	0.017	16.02
3/1/2012 2:00	22799	5.492	235.9	23.12	9.95	2.454	327.9	0	6.368	45.42	42.44	16.81	19.72	0	0	26.18	8.35	0.016	12.08
3/1/2012 3:00	22800	5.03	229.8	23.3	8.16	1.446	328	0	4.578	43.48	39.38	18.2	22.71	0	0	26.16	8.37	0.019	14.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/1/2012 4:00	22801	4.75	260.4	12.39	8.16	1.966	327.9	0.069	4.578	43.83	39.38	18.2	23.44	0	0	26.14	8.39	0.013	16.69
3/1/2012 5:00	22802	4.606	256.7	16.04	8.16	1.752	327.9	0	4.578	45.44	40.46	17	22.51	0	0	26.13	8.4	0.016	16.18
3/1/2012 6:00	22803	4.056	242.1	32.37	8.16	1.065	328	0.159	6.368	45.92	40.07	16.61	23.31	0	0	26.12	8.41	0.013	12.01
3/1/2012 7:00	22804	6.662	286.7	13.61	9.95	3.31	328	0.171	6.368	47.22	40.96	17.43	24.63	0	0	26.12	8.43	0.019	12.13
3/1/2012 8:00	22805	5.484	297.8	8.21	8.16	1.969	328	0	4.578	45.39	39.6	20.35	26.88	0	29.78	26.12	8.45	0.019	12.64
3/1/2012 9:00	22806	4.917	271.1	31	9.95	2.855	328	0	6.368	49.34	47.9	19.66	22.14	0	215.9	26.14	8.47	0.021	11.96
3/1/2012 10:00	22807	8.97	217.5	14.01	15.31	5.515	327.7	0.238	11.74	56.28	57.26	14.07	13.88	0	440.1	26.21	8.49	0.012	16.66
3/1/2012 11:00	22808	10.3	227.2	16.79	17.1	6.606	327.5	0.209	15.31	64.79	65.88	8.61	8.69	0	636.5	26.26	8.5	0.02	16.03
3/1/2012 12:00	22809	10.7	240.4	18.06	18.89	7.73	327.3	0.351	15.31	69.82	70.73	4.315	4.715	0	762.1	26.28	8.52	0.012	12.22
3/1/2012 13:00	22810	12.84	233.4	16.26	22.47	8.97	326.7	0.622	18.89	72.63	73.76	2.755	2.772	0	846	26.27	8.53	0.015	16.78
3/1/2012 14:00	22811	15.51	239.2	13.84	26.05	11.1	324.3	1.082	22.47	75.52	76.54	2.35	1.749	0	859	26.23	8.54	0.006	12.29
3/1/2012 15:00	22812	18.53	255.9	14.37	29.63	14.06	316.9	2.544	24.26	76.87	77.85	2.371	1.763	0	796.3	26.19	8.53	-0.003	12.21
3/1/2012 16:00	22813	17.21	255.8	14.3	29.63	12.95	311.7	0.989	24.26	77.43	78.22	2.379	1.77	0	664.5	26.16	8.53	0	12.24
3/1/2012 17:00	22814	20.56	236.1	12.86	33.21	14.06	296.3	13.7	27.84	76.88	77.39	2.365	1.764	0	474	26.13	8.53	-0.006	12.37
3/1/2012 18:00	22815	23.13	230.4	9.34	34.99	14	237.3	14.72	26.05	74.67	74.96	2.357	1.747	0	257.9	26.11	8.51	-0.015	12.68
3/1/2012 19:00	22816	21.01	231.8	9.89	31.42	12.89	234.3	14.73	24.26	70.45	70.25	2.312	1.745	0	49.91	26.09	8.5	-0.009	11.98
3/1/2012 20:00	22817	13.42	231.1	9.84	24.26	8.25	232.8	13.39	18.89	65.56	64.91	2.978	3.717	0	0.135	26.08	8.5	-0.007	16.57
3/1/2012 21:00	22818	9.87	201.5	9.96	15.31	4.611	199	10.34	8.16	60.02	56.6	6.156	8.51	0	0.01	26.04	8.5	0.001	11.78
3/1/2012 22:00	22819	9.31	229	16.42	22.47	4.722	224.1	17.83	17.1	56.73	54.71	8.16	9.79	0	0.002	26.02	8.5	0.002	12.13
3/1/2012 23:00	22820	17.96	266.2	11.22	33.21	12.99	264.8	12.78	26.05	60.63	59.71	7.914	8.77	0	0.006	26.02	8.5	-0.004	12.05
3/2/2012 0:00	22821	21.46	274.4	8.76	33.21	16.65	273.2	9.7	27.84	62.52	61.71	7.9	8.66	0	0.006	26.04	8.49	-0.001	12.03
3/2/2012 1:00	22822	17.44	279.2	7.848	47.52	13.7	279.9	8.63	33.21	60.71	59.91	8.21	8.94	0	0.016	26.06	8.49	0	12.03
3/2/2012 2:00	22823	17.59	273.4	9.62	27.84	13.42	273	10.62	22.47	60.03	59.16	6.22	7.114	0	0.013	26.06	8.49	0	11.75
3/2/2012 3:00	22824	16.29	274.2	8.73	26.05	12.53	274.1	9.4	20.68	59	58.13	5.688	6.587	0	0.008	26.07	8.49	0	11.93
3/2/2012 4:00	22825	14.94	313.4	26.29	27.84	12.08	313	26.19	24.26	52.55	51.89	17.04	16.86	0	0.003	26.09	8.5	0.002	11.77
3/2/2012 5:00	22826	11.52	335	10.09	18.89	8.93	332.3	5.769	17.1	46.39	45.85	30.13	29.4	0	0	26.07	8.49	-0.003	16.24
3/2/2012 6:00	22827	10.09	354.8	8.96	17.1	6.661	347.2	4.01	11.74	44.15	43.67	32.54	31.76	0	0	26.06	8.5	0.011	11.89
3/2/2012 7:00	22828	9.48	351.9	13.08	17.1	6.267	347.1	8.16	13.52	42.62	42.02	33.96	33.31	0	0.001	26.05	8.52	0.014	12.08
3/2/2012 8:00	22829	11.14	356.9	8.46	18.89	7.104	351.1	6.385	13.52	41.34	40.46	34.51	34.31	0	38.16	26.04	8.54	0.016	16
3/2/2012 9:00	22830	9.72	358.1	11.82	17.1	7.044	351.5	7.252	11.74	48.17	48.19	24.13	23.39	0	251.4	26.08	8.56	0.026	13.59
3/2/2012 10:00	22831	9.19	34.3	16.78	17.1	5.65	20.04	7.267	11.74	50.73	51.3	20.48	19.67	0	390.7	26.15	8.59	0.027	12.21
3/2/2012 11:00	22832	6.074	63.21	31.58	11.74	4.168	25.68	0.068	9.95	56.34	57.62	13.32	13.02	0	651	26.19	8.61	0.024	12.21
3/2/2012 12:00	22833	6.552	133.3	65.28	17.1	4.779	26.34	22.62	13.52	60.84	62.52	9.88	9.65	0	789.7	26.23	8.63	0.019	13.31
3/2/2012 13:00	22834	9.04	197.9	29.45	18.89	6.187	203.4	27	13.52	61.92	64.1	10.1	9.33	0	863	26.23	8.65	0.019	12.17
3/2/2012 14:00	22835	10.99	210.3	29.57	29.63	7.22	214	28.91	18.89	64.18	66.1	8.99	8.35	0	868	26.2	8.68	0.025	12.22
3/2/2012 15:00	22836	16.55	237.6	17.15	31.42	11.28	240	21.58	27.84	66.5	67.86	7.487	7.134	0	799.2	26.16	8.69	0.019	12.22
3/2/2012 16:00	22837	16.85	237	16.93	33.21	11.78	239.4	21.21	26.05	68.93	69.94	5.708	5.717	0	666.3	26.13	8.7	0.003	13.78
3/2/2012 17:00	22838	21.22	253.9	13.03	36.78	15.72	256.4	14.29	31.42	69.87	70.52	3.499	3.831	0	471.8	26.11	8.69	-0.006	16.58
3/2/2012 18:00	22839	22.37	301.1	39.89	36.78	17.27	301.7	38.09	27.84	68.32	68.52	5.52	5.814	0	256.4	26.1	8.68	-0.013	12.16
3/2/2012 19:00	22840	27.97	352.2	8.34	45.73	19.61	350.5	11.77	38.57	57.68	57.76	19.7	19.04	0	41.9	26.14	8.68	0	16.51
3/2/2012 20:00	22841	21.74	346.4	9.66	38.57	15.61	343.7	14.81	31.42	53.12	52.93	9.32	9.84	0	0.093	26.17	8.68	-0.001	15.38
3/2/2012 21:00	22842	20.68	345.8	8.56	33.21	14.64	341.8	14.6	24.26	50.27	50	9.63	9.9	0	0.001	26.21	8.68	0.001	15.22
3/2/2012 22:00	22843	15.64	348.7	9.21	24.26	11.16	347	17.36	20.68	47.72	47.45	15.7	15.59	0	0	26.23	8.68	0	11.95
3/2/2012 23:00	22844	11.24	352	9.71	18.89	7.711	337.1	28.75	15.31	44.77	44.51	23.47	22.76	0	0	26.25	8.68	0.001	13.45
3/3/2012 0:00	22845	9.33	358.6	9.63	15.31	6.537	328.8	34.88	11.74	41.26	41.12	32.69	31.13	0	0	26.26	8.69	0.008	14.85

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/3/2012 1:00	22846	11.94	357.1	9.68	22.47	8.23	342.6	27.67	18.89	38.63	38.61	57.27	53.47	0	0	26.26	8.7	0.013	12.22
3/3/2012 2:00	22847	8.64	349.5	17.48	15.31	6.245	333.1	30.51	13.52	36.61	36.46	68.26	64.04	0	0	26.27	8.72	0.016	12.77
3/3/2012 3:00	22848	8.76	332.3	6.988	13.52	6.845	341.1	28.72	11.74	34.43	34.18	72.03	67.66	0	0	26.28	8.73	0.016	12.23
3/3/2012 4:00	22849	7.651	334.7	12.04	13.52	5.794	347.5	25.75	11.74	32.29	32.09	76.32	71.58	0	0	26.28	8.76	0.025	12.1
3/3/2012 5:00	22850	11.46	327.9	7.114	18.89	9.29	342.3	27.16	17.1	31.74	31.58	77.05	72.44	0	0	26.27	8.77	0.016	14.09
3/3/2012 6:00	22851	11.19	329.4	7.842	17.1	9.02	344.3	28.46	15.31	30.13	30.01	77.94	73.2	0	0	26.28	8.79	0.019	16.49
3/3/2012 7:00	22852	10.37	324.8	7.707	15.31	8.33	349.1	23.91	11.74	29.09	28.92	78.19	73.6	0	0.001	26.3	8.81	0.022	16.48
3/3/2012 8:00	22853	10.47	322.5	7.585	17.1	8.42	345.9	26.45	15.31	28.67	28.47	77.84	73.08	0	41.02	26.31	8.84	0.022	11.97
3/3/2012 9:00	22854	10.73	319.6	9.13	18.89	9.11	339.7	28.93	17.1	32.85	33.01	71.49	66.51	0	250.4	26.35	8.85	0.017	16.36
3/3/2012 10:00	22855	11.55	321.6	9.52	18.89	9.85	338.7	28.95	15.31	39.16	39.67	58.21	54.29	0	470.9	26.42	8.88	0.025	11.96
3/3/2012 11:00	22856	9.88	323.8	14.73	15.31	8.31	331.7	33.22	13.52	45.16	45.84	36.83	34.64	0	665.2	26.47	8.9	0.023	16.34
3/3/2012 12:00	22857	8.7	290.9	31.32	18.89	7.149	307.8	45.79	17.1	48.64	49.32	27.75	25.94	0	802	26.5	8.92	0.014	16.13
3/3/2012 13:00	22858	12	293.7	27.93	24.26	9.97	301.9	47.2	22.47	50.57	51.59	22.55	20.93	0	876	26.5	8.92	0.006	16.6
3/3/2012 14:00	22859	15.15	301.8	22.15	27.84	12.77	289.1	43.05	24.26	51.68	52.92	16.88	15.68	0	882	26.47	8.93	0.01	12.17
3/3/2012 15:00	22860	16.51	298.8	16.58	27.84	14.08	314.2	34.23	24.26	52.98	54.08	9.08	8.7	0	821	26.45	8.93	0	16.71
3/3/2012 16:00	22861	18.33	306.2	14.54	29.63	15.24	332.7	38.63	26.05	55.77	56.7	4.476	4.534	0	689	26.43	8.93	0	16.35
3/3/2012 17:00	22862	17.72	293.6	15.32	29.63	14.71	264.3	37.71	26.05	57.76	58.48	3.353	3.563	0	499.5	26.42	8.93	0	12.4
3/3/2012 18:00	22863	15.14	302.6	12.06	26.05	12.61	247.2	0.353	20.68	58.63	58.89	3.146	3.546	0	280.4	26.41	8.93	0	12.21
3/3/2012 19:00	22864	10.36	310.5	9.79	22.47	8.02	244.3	1.493	18.89	56.99	56.37	4.439	5.264	0	62.36	26.42	8.93	0	12.17
3/3/2012 20:00	22865	4.484	296.9	53.23	8.16	2.22	238.7	1.235	6.368	52.36	49.29	7.017	9.27	0	0.165	26.4	8.93	0.003	12.14
3/3/2012 21:00	22866	3.485	220.8	9.21	9.95	0.37	233.8	0.399	4.578	47.26	41.91	10.02	13.97	0	0.001	26.38	8.95	0.014	12.42
3/3/2012 22:00	22867	3.494	263.9	21.68	6.368	0.422	231.2	0.162	2.789	45.32	40.09	10.18	16.01	0	0	26.38	8.97	0.024	11.96
3/3/2012 23:00	22868	4.413	250.8	13.2	6.368	0.807	230.4	0.105	2.789	44.63	39.94	9.38	14.72	0	0	26.37	8.99	0.013	12.33
3/4/2012 0:00	22869	2.775	266.9	26.15	6.368	0.707	229.5	0.096	2.789	42.2	38.26	11.18	16.45	0	0	26.36	9	0.019	12.08
3/4/2012 1:00	22870	3.295	217.8	35.17	6.368	1.446	228.5	0.296	4.578	41.27	35.61	12.11	18.77	0	0	26.34	9.03	0.028	15.03
3/4/2012 2:00	22871	3.477	215	27.28	4.578	0.619	228.2	0.072	4.578	40.54	35.22	12.55	18.99	0	0	26.32	9.05	0.017	16.46
3/4/2012 3:00	22872	2.402	181.9	27.52	6.368	0.814	227.6	0.108	2.789	37.53	34.62	15.58	19.33	0	0	26.3	9.06	0.016	16.56
3/4/2012 4:00	22873	2.498	311.1	16.58	8.16	0.887	227.3	0.152	4.578	36.84	33	17.12	23.11	0	0	26.29	9.08	0.016	15.68
3/4/2012 5:00	22874	6.427	315.7	6.7	9.95	2.973	227.6	0.208	6.368	38.56	34.83	18.11	22.18	0	0	26.28	9.09	0.013	16.56
3/4/2012 6:00	22875	6.154	307.1	6.453	9.95	2.496	227.8	0.276	6.368	38.19	34.52	20.99	24.24	0	0	26.28	9.12	0.022	13.34
3/4/2012 7:00	22876	3.194	271.9	26.83	6.368	1.555	227.4	0.109	4.578	37.21	32.72	20.45	26.4	0	0.013	26.29	9.13	0.016	11.91
3/4/2012 8:00	22877	2.925	302.8	19.75	8.16	1.241	227.1	0.193	4.578	36.15	32	22.26	27.62	0	46.66	26.3	9.15	0.019	16.02
3/4/2012 9:00	22878	3.211	231.1	19.32	8.16	1.893	232.7	1.53	6.368	42.1	42.21	20.43	20.33	0	260.1	26.35	9.16	0.013	12.08
3/4/2012 10:00	22879	7.411	287.6	16.04	13.52	6.325	240.8	2.468	11.74	51.97	52.12	12.69	12.78	0	476.7	26.43	9.17	0.011	12.27
3/4/2012 11:00	22880	8.11	272.5	13.9	13.52	6.743	250.7	2.796	11.74	61.85	62.18	7.16	7.479	0	663.4	26.48	9.18	0.01	12.21
3/4/2012 12:00	22881	8.9	272.1	18.1	17.1	7.412	258.4	1.674	15.31	67.22	67.65	4.995	5.297	0	799.5	26.51	9.19	0.008	12.2
3/4/2012 13:00	22882	10.34	267.7	20.95	20.68	8.33	262.2	0.782	18.89	69.52	70.22	4.49	4.742	0	875	26.52	9.2	0.012	12.29
3/4/2012 14:00	22883	11.31	273.8	24.16	20.68	9.28	264.9	0.807	17.1	71.55	72.3	3.373	3.666	0	878	26.5	9.22	0.012	14.27
3/4/2012 15:00	22884	10.83	280.6	25.25	18.89	9	266.5	0.667	17.1	72.63	73.26	3.12	3.444	0	812	26.47	9.22	0.003	12.29
3/4/2012 16:00	22885	10.03	283.4	25.42	18.89	8.44	267.5	0.392	17.1	73.36	73.82	2.946	3.303	0	681.9	26.47	9.22	0	12.33
3/4/2012 17:00	22886	8.35	277	19.6	18.89	6.85	266.8	0.657	15.31	73.62	74.12	2.698	3.065	0	496.2	26.46	9.22	0.001	12.65
3/4/2012 18:00	22887	7.105	326.1	36.14	15.31	5.485	264.2	1.566	11.74	72.74	72.92	4.304	4.724	0	274	26.45	9.22	0.004	16.31
3/4/2012 19:00	22888	8.11	17.47	16.47	13.52	5.228	256	2.907	11.74	67.86	67.63	9.2	9.6	0	61.45	26.44	9.22	0.001	14.31
3/4/2012 20:00	22889	5.86	47.82	11.4	8.16	2.983	246.5	2.044	6.368	61.67	59.62	13.38	14.85	0	0.169	26.42	9.23	0.006	16.13
3/4/2012 21:00	22890	7.628	60.73	11.58	11.74	4.057	241.3	0.695	8.16	57.18	54.62	17.43	19.26	0	0.001	26.41	9.23	0.005	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/4/2012 22:00	22891	9.78	62.95	6.976	15.31	5.527	238.9	0.384	11.74	54.68	52.4	17.92	19.8	0	0.001	26.41	9.25	0.011	12.19
3/4/2012 23:00	22892	11.98	65.27	5.46	17.1	7.247	237.1	0.672	11.74	50.53	49.3	22.04	22.57	0	0	26.42	9.25	0.003	12.17
3/5/2012 0:00	22893	11.32	60.28	7.084	15.31	7.059	235.7	0	11.74	49.03	47.96	24.42	24.69	0	0	26.41	9.26	0.01	12.12
3/5/2012 1:00	22894	11.92	65.23	5.335	24.26	7.311	234.8	0.568	13.52	47.54	46.29	27.26	27.56	0	0	26.4	9.26	0.006	16.41
3/5/2012 2:00	22895	10.63	58.05	7.514	15.31	6.38	233.8	0.282	11.74	46.42	45.11	28.94	29.32	0	0	26.4	9.28	0.017	12.18
3/5/2012 3:00	22896	9.77	55.37	6.345	13.52	5.606	233.2	0.128	9.95	45.73	44.46	29.76	30.08	0	0	26.39	9.29	0.012	16.42
3/5/2012 4:00	22897	8.18	51.32	7.379	13.52	4.293	233	0.288	8.16	45.46	44.07	30.17	30.71	0	0	26.39	9.31	0.014	12.13
3/5/2012 5:00	22898	6.089	48.94	8.99	9.95	2.915	232	0.453	6.368	43.85	42.13	31.85	32.74	0	0	26.38	9.33	0.017	12.42
3/5/2012 6:00	22899	4.201	32.97	12.82	8.16	1.461	231.1	0.13	4.578	42.18	40.43	33.7	34.7	0	0	26.38	9.34	0.016	12.99
3/5/2012 7:00	22900	3.39	20.07	13.2	6.368	0.921	230.1	0.193	4.578	42.04	39.48	33.84	36	0	0.019	26.39	9.36	0.019	12.05
3/5/2012 8:00	22901	4.439	21.62	9.51	8.16	2.229	230.5	0.581	8.16	42.5	40.78	33.5	34.55	0	44.51	26.39	9.38	0.019	16.6
3/5/2012 9:00	22902	4.665	57.96	13.26	6.368	3.036	235.8	2.05	6.368	47.4	47.94	30.51	29.4	0	255.6	26.43	9.39	0.013	12.16
3/5/2012 10:00	22903	6.645	117.8	17.41	11.74	5.058	244.4	2.4	9.95	56.18	57.75	20.09	19.26	0	473.9	26.51	9.4	0.012	12.26
3/5/2012 11:00	22904	7.512	139.2	18.53	11.74	5.685	251.8	2.16	9.95	60.61	62.69	16.71	15.82	0	664.5	26.57	9.42	0.019	12.34
3/5/2012 12:00	22905	7.958	154.9	20.96	13.52	5.833	258.7	1.852	11.74	65.68	67.8	12.69	12.09	0	803	26.59	9.43	0.009	14.1
3/5/2012 13:00	22906	10.01	163.9	17.51	17.1	7.179	263.9	1.476	13.52	69.56	72.12	10.22	9.58	0	878	26.59	9.43	0.002	12.27
3/5/2012 14:00	22907	12.06	173	21.45	20.68	8.28	268.2	1.005	17.1	72.72	75.46	7.168	6.736	0	884	26.56	9.43	0	12.32
3/5/2012 15:00	22908	15.49	187.3	14.58	27.84	10.4	270	0.315	18.89	74.22	76.86	3.207	2.988	0	822	26.53	9.43	0	16.25
3/5/2012 16:00	22909	16.74	193.2	12.78	26.05	11.04	270.1	0.2	20.68	74.91	77.1	2.341	1.754	0	692.4	26.5	9.41	-0.022	14.3
3/5/2012 17:00	22910	15.81	194.6	12.43	26.05	10.33	268.8	0.631	20.68	75.27	77	2.346	1.755	0	510.2	26.47	9.41	-0.006	13.25
3/5/2012 18:00	22911	14.78	187	10.08	22.47	9.44	265.4	1.623	18.89	74.6	75.38	2.337	1.82	0	263.2	26.44	9.38	-0.03	16.4
3/5/2012 19:00	22912	9.58	172.4	10.64	18.89	4.981	256.7	3.417	13.52	70.46	68.73	3.436	4.712	0	41.45	26.41	9.37	-0.002	12.27
3/5/2012 20:00	22913	11.67	152.5	7.534	18.89	6.808	249.3	0.658	13.52	64.97	63.02	11.89	12.81	0	0.087	26.38	9.38	0.003	14.54
3/5/2012 21:00	22914	13.14	151.5	7.653	20.68	8.06	246.5	0.377	13.52	62	61.02	20.56	20.62	0	0.01	26.37	9.38	0	12.16
3/5/2012 22:00	22915	14.21	160.6	8.6	22.47	8.83	245.5	0.336	17.1	60.89	60.23	33.13	32.35	0	0.008	26.37	9.38	0	16.23
3/5/2012 23:00	22916	15.52	167.9	8.05	24.26	9.5	244.4	0.434	20.68	59.2	58.54	41.51	40.54	0	0.008	26.37	9.37	-0.003	15.53
3/6/2012 0:00	22917	13.69	175.4	8.46	20.68	8.22	243.3	0.491	15.31	57.61	56.8	44.51	43.68	0	0.008	26.35	9.38	0.004	12.15
3/6/2012 1:00	22918	11.62	174.7	8.43	22.47	6.921	242.2	0.368	13.52	56.21	55.3	45.68	44.99	0	0.008	26.33	9.39	0.01	16.7
3/6/2012 2:00	22919	8.64	187.6	9.1	13.52	4.748	240.8	0.106	9.95	53.79	52.16	48.58	48.67	0	0.002	26.31	9.4	0.011	12.13
3/6/2012 3:00	22920	7.378	202.2	8.46	11.74	3.918	241	0.502	8.16	52.16	50.66	51.82	51.59	0	0.001	26.28	9.41	0.013	15.2
3/6/2012 4:00	22921	7.528	191	9.84	11.74	4.154	242.9	0.626	8.16	51.51	50.01	54.67	54.24	0	0.001	26.25	9.43	0.016	14.12
3/6/2012 5:00	22922	8.33	192	11.17	15.31	4.759	247.2	1.684	9.95	50.66	49.33	58.29	57.35	0	0.001	26.23	9.43	0.006	12.43
3/6/2012 6:00	22923	7.194	190.4	8.67	11.74	3.564	262.8	8.87	8.16	49.32	47.12	62.37	62.32	0	0	26.22	9.43	0	12.11
3/6/2012 7:00	22924	6.869	185.1	6.096	11.74	2.913	303.1	12.75	6.368	47.35	44.68	68.38	68.48	0	0.002	26.21	9.43	0.001	12.08
3/6/2012 8:00	22925	5.308	197.3	12.09	8.16	1.481	337.8	3.856	4.578	45.66	42.81	73.48	73.58	0	17.15	26.2	9.44	0.003	16.73
3/6/2012 9:00	22926	6.709	195.7	12.67	17.1	3.47	313.5	14.57	13.52	47.61	47.41	75.64	71.56	0	180.1	26.21	9.43	-0.002	12.22
3/6/2012 10:00	22927	13.75	178.8	8.72	18.89	8.97	262.9	8.86	15.31	55.32	56.96	65	59.38	0	456.8	26.26	9.43	0	16.03
3/6/2012 11:00	22928	14.99	185.5	9.93	22.47	10.15	254	0.948	20.68	60.7	62.98	52.81	47.56	0	669.5	26.31	9.43	0.001	13.5
3/6/2012 12:00	22929	15.85	175.8	12.21	22.47	10.61	257.7	1.184	17.1	64.55	67.26	44.45	39.75	0	792.8	26.33	9.43	-0.002	12.2
3/6/2012 13:00	22930	17.09	173.2	12.63	29.63	11.33	262.4	0.779	20.68	68.95	71.88	35.99	32.05	0	866	26.32	9.43	-0.001	12.31
3/6/2012 14:00	22931	18.21	178.1	11.2	27.84	11.93	266.2	1.437	22.47	72.19	75.2	27.08	24.1	0	862	26.29	9.4	-0.029	12.22
3/6/2012 15:00	22932	17.89	180	11.43	29.63	11.79	269.9	0.642	20.68	74.64	77.46	22.22	19.85	0	790.4	26.26	9.39	-0.01	12.39
3/6/2012 16:00	22933	18.77	176.4	11.04	27.84	12.25	269.8	0.204	22.47	74.39	76.86	24.1	21.68	0	663.9	26.23	9.38	-0.016	14.12
3/6/2012 17:00	22934	18.98	168.9	11.79	29.63	12.26	267.7	1.243	20.68	73.75	75.7	27.21	24.88	0	489.7	26.2	9.37	-0.006	16.46
3/6/2012 18:00	22935	20.94	157.8	9.95	31.42	13.58	261.7	2.334	22.47	69.89	70.96	37.7	35.22	0	271.3	26.18	9.35	-0.021	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/6/2012 19:00	22936	19.68	154	8.39	29.63	12.58	255.6	0.781	24.26	63.51	63.54	52.33	49.95	0	56.74	26.16	9.34	-0.007	12.31
3/6/2012 20:00	22937	15.3	158.7	9.37	26.05	9.55	258.8	1.618	18.89	59.3	58.8	60.44	58.15	0	0.207	26.14	9.34	-0.002	12.27
3/6/2012 21:00	22938	14.99	163.7	7.998	24.26	9.08	271.6	6.642	18.89	57.49	56.9	65.89	63.39	0	0.012	26.13	9.34	0	12.33
3/6/2012 22:00	22939	14.01	163.5	8.97	24.26	8.62	286.7	0.87	18.89	56.24	55.59	68.66	66.22	0	0.009	26.13	9.34	0.001	12.64
3/6/2012 23:00	22940	14.1	171.9	8.43	26.05	8.56	283.6	1.779	20.68	56.18	55.45	67.39	65.21	0	0.008	26.13	9.34	0	16.74
3/7/2012 0:00	22941	14.22	177	8.14	22.47	8.68	280	1.287	17.1	56.14	55.33	66.41	64.39	0	0.006	26.12	9.35	0.01	12.82
3/7/2012 1:00	22942	12.57	182.9	9.23	26.05	7.639	282.8	1.76	20.68	55.24	54.35	67.25	65.37	0	0.003	26.11	9.37	0.02	16.29
3/7/2012 2:00	22943	18.13	173.4	8.07	29.63	11.02	279	1.616	24.26	55.87	55.16	66.44	64.27	0	0.002	26.09	9.38	0.009	12.68
3/7/2012 3:00	22944	16.36	171.7	7.868	26.05	10.03	283.3	3.155	18.89	55.7	54.97	68.04	65.81	0	0.002	26.09	9.39	0.012	12.16
3/7/2012 4:00	22945	13.9	176.5	8.45	22.47	8.42	301.8	7.727	17.1	54.88	54.11	71.65	69.23	0	0.004	26.08	9.41	0.013	12.05
3/7/2012 5:00	22946	13.01	177.1	7.413	20.68	7.692	337.1	10.79	15.31	53.26	52.44	76.76	73.96	0	0.003	26.07	9.42	0.017	12.09
3/7/2012 6:00	22947	10.65	179.3	7.949	17.1	6.135	0.746	2.353	11.74	51.53	50.52	81.9	78.97	0	0	26.07	9.43	0.01	12.23
3/7/2012 7:00	22948	10.59	176.6	8.16	17.1	6.121	7.74	2.02	11.74	50.06	49.3	86.8	83.1	0	0.068	26.07	9.43	0	12.14
3/7/2012 8:00	22949	10.02	180.4	8.65	15.31	6.096	8.43	3.52	11.74	49.59	49.14	90.3	86.3	0	48.77	26.08	9.43	0	12.12
3/7/2012 9:00	22950	13.9	175.8	8.59	22.47	8.72	7.236	3.541	15.31	53.41	53.95	86	81.2	0	235.5	26.11	9.44	0.002	12.2
3/7/2012 10:00	22951	15.51	184.7	10.24	22.47	10.11	305.4	24.51	17.1	58.96	60.53	70.99	65.17	0	470.4	26.17	9.44	0.001	12.19
3/7/2012 11:00	22952	14.23	184.2	12.37	20.68	9.63	266	4.52	17.1	63.88	66.12	57.56	51.99	0	655.4	26.22	9.43	-0.003	12.31
3/7/2012 12:00	22953	13.58	195.4	15.58	24.26	9.21	263	1.191	17.1	68.83	71.21	41.13	37.29	0	792.7	26.25	9.44	0.003	12.28
3/7/2012 13:00	22954	15.17	209.2	12.69	26.05	9.69	268.1	1.435	20.68	73.63	75.9	25.84	23.47	0	868	26.24	9.43	-0.002	12.58
3/7/2012 14:00	22955	17.05	194	11.97	27.84	11.33	272.3	1.178	20.68	76.73	79.51	18.86	17.04	0	875	26.22	9.42	-0.013	16.52
3/7/2012 15:00	22956	18.63	201.4	13	33.21	12.06	276.2	0.892	24.26	79.77	82.1	8.81	8.24	0	814	26.19	9.37	-0.051	16.59
3/7/2012 16:00	22957	17.81	197.9	16.12	33.21	11.51	277.6	0.262	22.47	80.7	82.8	7.229	6.848	0	673.5	26.18	9.35	-0.022	15.14
3/7/2012 17:00	22958	21.3	233.2	12.37	36.78	14.36	275.7	0.904	29.63	81.9	82.5	2.573	2.007	0	503.3	26.16	9.17	-0.184	12.3
3/7/2012 18:00	22959	18.72	224.8	11.24	29.63	11.18	274.2	0.443	24.26	81.9	82.3	2.409	1.784	0	310	26.14	9.15	-0.012	12.2
3/7/2012 19:00	22960	14.4	206.4	9.75	31.42	8.52	268.2	3.038	20.68	79.15	78.64	2.367	1.751	0	59.97	26.13	9.15	-0.006	14.21
3/7/2012 20:00	22961	8.71	145.3	14.57	15.31	4.278	257.1	2.31	9.95	72.02	69.28	11.78	11.97	0	0.158	26.11	9.15	0.001	12.31
3/7/2012 21:00	22962	10.75	128.1	8.94	15.31	6.289	253.8	0.555	11.74	68.61	67.58	40.14	39.27	0	0.019	26.11	9.15	0.002	12.13
3/7/2012 22:00	22963	16.19	158.1	9.32	24.26	10.2	257.8	3.622	20.68	66.45	66.12	54.61	52.39	0	0.024	26.14	9.15	0	12.18
3/7/2012 23:00	22964	12.03	185.3	15.2	26.05	7.48	270	2.767	18.89	64.48	64.18	63.4	60.62	0	0.025	26.18	9.15	0	12.3
3/8/2012 0:00	22965	7.651	196.3	10.58	13.52	4.666	282.3	5.1	9.95	63.56	63.17	66.81	63.95	0	0.019	26.18	9.15	0.003	12.23
3/8/2012 1:00	22966	4.929	206.7	27.2	9.95	2.027	309.2	7.467	6.368	61.92	60.65	70.53	68.54	0	0.013	26.18	9.17	0.013	13.87
3/8/2012 2:00	22967	1.483	150.3	13.82	6.368	0.674	340.4	4.326	4.578	59.77	58.53	74.83	72.21	0	0.01	26.17	9.18	0.013	12.21
3/8/2012 3:00	22968	0.38	140.7	10.01	4.578	0.322	356.2	0.625	4.578	58.55	56.27	78.45	76.06	0	0.004	26.16	9.19	0.013	13.22
3/8/2012 4:00	22969	1.159	38.24	9.26	4.578	0.491	2.727	0.316	4.578	57.25	53.9	81.3	77.66	0	0.001	26.15	9.21	0.018	12.12
3/8/2012 5:00	22970	4.712	351	17.28	20.68	2.271	3.976	1.109	15.31	56.35	52.35	82.5	81.7	0	0.001	26.15	9.22	0.013	12.24
3/8/2012 6:00	22971	21.03	6.145	9.45	31.42	15.39	289.5	19.31	26.05	44.33	44.4	63.62	60.8	0	0	26.19	9.24	0.013	12.12
3/8/2012 7:00	22972	23.62	15.36	9.52	34.99	17.16	274.1	2.5	29.63	41.86	41.93	62.3	59.05	0	0.032	26.2	9.25	0.018	16.5
3/8/2012 8:00	22973	28.19	21.34	9.13	42.15	18.89	264.2	4.743	36.78	43.06	43.15	60.12	57.05	0	21.57	26.22	9.24	-0.017	12.07
3/8/2012 9:00	22974	30.3	31.27	11.08	52.89	17.09	278.8	15.38	38.57	42.09	42.27	67.25	63.32	0	89.7	26.28	9.13	-0.109	16.38
3/8/2012 10:00	22975	30.76	30.96	11.1	52.89	17.3	314.9	21.81	36.78	39.7	39.94	70.84	66.65	0	150.6	26.33	9.1	-0.033	12.18
3/8/2012 11:00	22976	33.65	37.49	11	52.89	18.42	299.9	37.05	40.36	40.82	41.25	61.68	57.81	0	453.4	26.36	8.99	-0.11	12.06
3/8/2012 12:00	22977	31.68	39.75	10.79	52.89	17.16	317.6	39.93	36.78	42.29	42.9	54.49	50.96	0	503.5	26.41	8.94	-0.042	12.06
3/8/2012 13:00	22978	26.06	34.37	12.27	45.73	14.73	307	43.6	36.78	43.73	44.28	45.66	42.94	0	382.3	26.45	8.93	-0.01	12.08
3/8/2012 14:00	22979	23.58	34.63	11.63	38.57	13.33	239.8	16.94	29.63	43.45	43.75	45.72	43.31	0	131.7	26.46	8.93	0	12.08
3/8/2012 15:00	22980	19.61	46.58	11.49	34.99	11.16	237.5	2.259	24.26	42.57	42.83	50.28	47.79	0	107	26.46	8.94	0.01	12.12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/8/2012 16:00	22981	19.79	50.98	10.5	31.42	11.85	259.2	3.422	24.26	39.81	40.02	63.24	60.96	0	123.7	26.47	8.96	0.018	16.27
3/8/2012 17:00	22982	18.56	41.33	10.99	29.63	10.38	251.3	3.446	22.47	38.35	38.46	60.86	58.52	0	112.8	26.5	8.98	0.02	15.75
3/8/2012 18:00	22983	17.35	33.65	11.33	27.84	9.94	289.3	24.62	22.47	36.27	36.13	69.94	68.12	0	98.9	26.5	9	0.016	12.1
3/8/2012 19:00	22984	16.9	32.11	11.43	27.84	9.56	320.7	7.88	24.26	35.73	35.79	72.2	69.14	0	13.14	26.51	9.01	0.013	11.97
3/8/2012 20:00	22985	13.84	37.63	12.63	27.84	7.783	321.2	4.067	22.47	35.98	36.02	72.78	69.23	0	0.022	26.55	9.03	0.019	15.37
3/8/2012 21:00	22986	15.72	49.77	10.05	27.84	9.15	332.6	8.47	18.89	35.59	35.64	73.58	70.22	0	0	26.57	9.04	0.013	16.05
3/8/2012 22:00	22987	13.06	37.34	11.45	20.68	7.346	333.6	5.071	15.31	35.58	35.57	73.98	70.41	0	0	26.6	9.06	0.013	15.94
3/8/2012 23:00	22988	13.91	18.02	10.28	24.26	9.86	333.8	14.8	22.47	35.42	35.49	73.87	70.01	0	0	26.61	9.07	0.019	12.44
3/9/2012 0:00	22989	16.28	17.4	9.48	27.84	11.77	317.8	3.073	26.05	35.14	35.21	71.35	67.54	0	0	26.6	9.08	0.01	11.94
3/9/2012 1:00	22990	12.38	8.66	10.49	24.26	9.11	307.9	4.069	18.89	35.3	35.32	69.22	65.63	0	0	26.59	9.1	0.019	12.18
3/9/2012 2:00	22991	9.34	16.72	11.87	15.31	6.416	294.2	7.925	11.74	35.73	35.8	67.3	63.79	0	0	26.61	9.12	0.019	14.29
3/9/2012 3:00	22992	10.99	21.8	9.71	18.89	7.326	284.8	2.576	15.31	35.56	35.62	66.57	62.94	0	0	26.62	9.14	0.019	11.94
3/9/2012 4:00	22993	9.63	17	11.91	17.1	6.786	293.1	2.989	15.31	34.97	35.08	69.07	65.15	0	0	26.6	9.16	0.016	12.29
3/9/2012 5:00	22994	11.84	12.99	12.09	20.68	8.35	290.4	6.012	17.1	35.15	35.24	67.71	64.26	0	0	26.6	9.19	0.029	13.3
3/9/2012 6:00	22995	14.41	21.04	9.45	22.47	9.88	277.7	3.35	20.68	34.53	34.61	65.9	62.38	0	0	26.6	9.2	0.019	13.15
3/9/2012 7:00	22996	12.97	19.94	9.75	20.68	8.9	285.4	2.569	17.1	33.97	34.06	67.85	64.27	0	0	26.61	9.23	0.022	15.49
3/9/2012 8:00	22997	12	23.11	9.84	20.68	7.917	289.3	4.587	18.89	33.92	34.03	68.85	65.18	0	4.203	26.61	9.25	0.019	12.09
3/9/2012 9:00	22998	11.9	28.7	15.39	26.05	7.404	271.3	8.95	18.89	35.01	35.07	63.63	61.09	0	45.32	26.62	9.29	0.044	15.59
3/9/2012 10:00	22999	11.79	24.58	13.82	20.68	7.469	277.6	4.675	18.89	34.9	34.97	66.92	64.02	0.01	77.05	26.63	9.31	0.022	12.01
3/9/2012 11:00	23000	14.41	7.263	10.39	22.47	10.47	278.4	8.07	18.89	34.9	35.09	66.69	64.14	0	117.5	26.63	9.33	0.022	12.72
3/9/2012 12:00	23001	14.65	33.23	18.28	24.26	8.82	248.6	12.12	18.89	35.55	35.79	57.16	55.49	0	175.6	26.62	9.36	0.029	12.18
3/9/2012 13:00	23002	15.1	34.68	12.99	24.26	8.65	248.4	7.08	17.1	35.24	35.52	57.9	56.3	0	209	26.6	9.39	0.025	12.06
3/9/2012 14:00	23003	15.31	35.68	13.56	26.05	9.03	236.5	1.881	22.47	36.77	37.07	50.84	49.52	0	247.6	26.58	9.4	0.016	16.5
3/9/2012 15:00	23004	15.45	46.88	13.48	24.26	9.2	240	5.628	20.68	36.07	36.62	56.59	53.65	0	219.4	26.57	9.42	0.013	12.11
3/9/2012 16:00	23005	12.94	33.12	17.91	22.47	8.2	287.8	26.36	17.1	34.41	34.87	69.02	65.06	0	161.9	26.55	9.43	0.016	15.53
3/9/2012 17:00	23006	10.09	33.17	25.21	20.68	6.697	254.2	8.6	15.31	37.01	37.44	61.45	58.01	0	134.8	26.53	9.44	0.003	11.98
3/9/2012 18:00	23007	10.25	44.41	18.77	17.1	6.424	248.1	1.892	13.52	37.61	37.9	60.11	56.79	0	64.33	26.52	9.44	0	14.71
3/9/2012 19:00	23008	9.29	33.49	16.1	17.1	5.608	294.9	27.79	17.1	36.6	36.83	71.07	66.63	0	18.5	26.52	9.44	0	12.51
3/9/2012 20:00	23009	10.29	32.3	21.67	22.47	6.233	273.8	24.74	15.31	37.41	37.44	63.77	60.8	0	0.063	26.51	9.44	0	16.41
3/9/2012 21:00	23010	11.91	53.72	13.97	20.68	7.439	262.2	5.755	17.1	37.48	37.5	63.52	60.28	0	0	26.51	9.44	0	12.06
3/9/2012 22:00	23011	11.31	60.04	11.39	18.89	7.247	266.3	2.503	15.31	37.48	37.51	64.57	61.39	0	0	26.51	9.44	0	14.24
3/9/2012 23:00	23012	10.23	60.98	11.69	17.1	6.569	335.7	47.59	13.52	35.69	35.88	78.38	73.12	0	0	26.51	9.44	0	12.11
3/10/2012 0:00	23013	6.788	47.34	10.41	9.95	3.871	14.44	2.798	9.95	34.47	34.6	88.5	83.4	0	0	26.49	9.43	-0.003	12.23
3/10/2012 1:00	23014	7.671	66.12	12.95	13.52	5.01	5.112	2.021	9.95	34.73	34.84	89.2	84.7	0	0	26.47	9.43	-0.003	12.09
3/10/2012 2:00	23015	11.75	74.91	9.32	18.89	7.598	358.9	2.607	15.31	34.76	34.8	89.3	85.3	0	0	26.45	9.43	0.003	12.05
3/10/2012 3:00	23016	10.71	79.58	10.37	17.1	6.923	354	1.001	13.52	34.73	34.55	88.3	84.9	0	0	26.43	9.43	0	15.7
3/10/2012 4:00	23017	8.28	80.6	10.92	13.52	5.32	354.2	0.977	9.95	34.31	34.22	88.2	84.3	0	0	26.41	9.43	0	12.25
3/10/2012 5:00	23018	6.874	68.33	10.14	9.95	4.502	354.5	0.606	8.16	34.17	34.13	89.4	85.1	0	0	26.39	9.43	-0.003	12
3/10/2012 6:00	23019	7.149	75.08	10.39	11.74	4.573	354.5	0.527	9.95	34.11	34.06	89.7	85.7	0	0	26.38	9.37	-0.06	13.39
3/10/2012 7:00	23020	7.122	71.32	9.81	11.74	4.604	354.5	0.534	8.16	34.21	34.17	89.8	86	0	0.004	26.37	9.38	0.01	15.41
3/10/2012 8:00	23021	7.252	83.4	8.87	11.74	4.67	354	0.753	8.16	34.84	34.51	89.6	86.2	0	5.711	26.37	9.37	-0.01	12.19
3/10/2012 9:00	23022	5.68	101.8	14.65	9.95	3.875	353.2	0.645	8.16	35.3	34.95	89.1	85.7	0	19.34	26.38	9.3	-0.073	16.44
3/10/2012 10:00	23023	4.576	84.1	13.79	8.16	3.195	352.6	0.748	6.368	35.47	35.13	89.7	86	0	30.96	26.38	5.318	-3.979	13.19
3/10/2012 11:00	23024	9.04	79.74	9.98	17.1	6.004	353.2	1.02	13.52	36.29	36.33	87.7	84.9	0	149	26.36	6.365	1.047	12.1
3/10/2012 12:00	23025	9.95	94.6	15.32	18.89	6.841	1.883	3.545	13.52	37.23	37.43	85.6	82	0	154.6	26.35	9.43	3.068	14.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/10/2012 13:00	23026	6.845	115	25.23	13.52	4.798	11.97	2.401	9.95	35.66	37.54	84.7	80.6	0	91.6	26.35	9.43	0	14.44
3/10/2012 14:00	23027	6.215	102.5	12.48	11.74	4.591	13.88	0.527	8.16	35.46	37.56	86.9	82.3	0	108.6	26.31	9.42	-0.01	16.36
3/10/2012 15:00	23028	5.411	103.9	17.27	8.16	4.102	16.01	1.928	8.16	35.64	38.19	85.7	81.2	0	120.1	26.28	5.232	-4.191	12.03
3/10/2012 16:00	23029	3.404	89	38.92	8.16	2.35	23.4	1.39	6.368	35.95	38.82	84.1	79.59	0	88.8	26.27	4.895	-0.337	15.68
3/10/2012 17:00	23030	1.659	18.98	55.94	6.368	1.029	26.03	0.328	4.578	35.67	39.16	83.8	79.34	0	73.62	26.26	5.257	0.362	12.03
3/10/2012 18:00	23031	3.245	52.54	20.55	8.16	1.997	30.83	1.651	6.368	35.12	39.63	83.4	79	0	69.86	26.26	4.537	-0.72	12.54
3/10/2012 19:00	23032	2.615	62.6	19.82	6.368	1.697	32.2	0.382	4.578	34.62	39.39	83.9	79.25	0	11.35	26.26	4.619	0.083	11.94
3/10/2012 20:00	23033	1.155	69.52	33.88	4.578	0.758	31.27	0.232	4.578	34.45	39.37	84.1	79.44	0	0.069	26.27	4.648	0.029	16.27
3/10/2012 21:00	23034	1.697	0.738	31.69	8.16	1.079	33.26	0.76	6.368	34.56	39.49	83.3	79	0	0	26.28	4.664	0.016	11.93
3/10/2012 22:00	23035	2.68	312.9	35.25	8.16	2.165	37.53	1.096	8.16	34.6	39.46	80.9	76.76	0	0	26.28	4.505	-0.159	11.95
3/10/2012 23:00	23036	3.4	236.4	34.04	8.16	2.042	39.32	0.383	6.368	34.52	39.39	80.5	76.43	0	0	26.28	4.388	-0.118	16.45
3/11/2012 0:00	23037	5.851	244.9	17.87	11.74	4.081	40.97	0.592	8.16	33.96	39.23	80.4	76.36	0	0	26.28	3.985	-0.403	11.96
3/11/2012 1:00	23038	5.981	205.2	13.46	13.52	3.429	41.76	0.896	9.95	33.28	38.65	80.2	76.38	0	0	26.27	4.28	0.295	11.92
3/11/2012 2:00	23039	5.924	193.8	13.89	8.16	1.876	27.03	3.732	4.578	30.94	34.67	83.8	80.4	0	0	26.25	4.274	-0.006	15.9
3/11/2012 3:00	23040	7.01	178.3	10.68	9.95	2.498	9.93	4.202	4.578	28.77	31.98	84.8	82.9	0	0	26.21	3.91	-0.364	12.21
3/11/2012 4:00	23041	5.32	218.6	16.16	8.16	1.467	356.7	2.022	4.578	27.23	31.19	86.9	83.7	0	0	26.18	3.926	0.017	12.11
3/11/2012 5:00	23042	5.697	224.9	4.414	8.16	1.6	348.8	1.169	4.578	26.48	29.94	89.2	84.4	0	0	26.16	6.056	2.13	11.9
3/11/2012 6:00	23043	6.536	221.7	6.275	9.95	2.522	349	0.764	4.578	25.99	30.36	88.3	85.4	0	0	26.15	5.91	-0.146	12.01
3/11/2012 7:00	23044	6.745	225.1	7.716	9.95	3.445	348.1	0.643	6.368	24.49	29.46	87.6	84.7	0	0.104	26.16	6.03	0.121	11.9
3/11/2012 8:00	23045	8.45	215.7	8.95	13.52	4.389	351.8	2.492	8.16	26.17	31.24	87	83.8	0	58.95	26.16	4.044	-1.987	16.43
3/11/2012 9:00	23046	9.08	211.4	9	15.31	5.243	5.062	12.76	9.95	31.21	37.18	84.8	79.91	0	278.4	26.18	3.57	-0.474	11.97
3/11/2012 10:00	23047	14.35	221.8	8.4	20.68	8.19	43.77	7.181	17.1	39.48	43.98	70.91	66.88	0	481.6	26.24	9.44	5.867	12.13
3/11/2012 11:00	23048	15.01	225	10.18	24.26	9.31	61.16	8.31	18.89	49.8	51.43	53.4	50.35	0	663	26.27	9.43	-0.003	12.23
3/11/2012 12:00	23049	15.31	225.8	12.09	24.26	9.71	57.06	6.37	20.68	56.96	58.16	38.62	36.4	0	801	26.3	9.44	0.003	12.17
3/11/2012 13:00	23050	17.34	236.5	13.98	29.63	11.86	55.95	1.512	20.68	62.82	63.71	27.87	26.56	0	878	26.31	9.4	-0.041	13.94
3/11/2012 14:00	23051	18.84	247.1	13.9	31.42	13.8	90.2	16.34	27.84	67.18	68.09	19.95	19.21	0	884	26.29	9.32	-0.076	12.31
3/11/2012 15:00	23052	18.61	239.9	15.53	31.42	13.03	25.93	15.68	26.05	70.1	71.05	14.85	14.45	0	820	26.28	9.28	-0.035	12.37
3/11/2012 16:00	23053	21.44	262.1	13.86	34.99	16.5	318.6	34.24	29.63	71.17	72.12	11.18	11.16	0	694.6	26.27	9.17	-0.117	13.94
3/11/2012 17:00	23054	19.37	269.5	11.97	27.84	15.26	264.1	2.98	24.26	71.44	72.19	9.56	9.72	0	511.8	26.26	9.16	-0.01	12.54
3/11/2012 18:00	23055	18.33	256.7	14.72	29.63	13.65	260	0.974	24.26	71.14	71.4	8.76	9.2	0	292.9	26.25	9.16	0	12.3
3/11/2012 19:00	23056	14.8	254.4	9.07	24.26	10.47	254.7	1.937	20.68	67.98	67.38	10.6	11.46	0	56.35	26.25	9.15	-0.003	15.7
3/11/2012 20:00	23057	9.25	248.2	16.45	24.26	6.243	250	1.345	17.1	65.18	64.04	13.19	14.22	0	0.383	26.24	9.15	-0.001	12.41
3/11/2012 21:00	23058	13.25	246.3	12.99	22.47	8.87	246.1	0.892	17.1	61.26	60.25	17.51	18.23	0	0.023	26.23	9.15	-0.003	12.36
3/11/2012 22:00	23059	10.81	237.7	10.01	18.89	7.029	243.1	1.111	15.31	57.35	56.51	21.22	21.64	0	0.017	26.24	9.15	0	12.08
3/11/2012 23:00	23060	5.212	216.6	31.29	9.95	2.17	238.4	1.136	6.368	52.04	49.19	26.88	28.91	0	0.003	26.23	9.15	0.002	11.93
3/12/2012 1:00	23061	6.151	272.3	18.87	13.52	3.522	237.1	0.277	8.16	52	49.64	26.7	28.88	0	0	26.21	9.16	0.003	12.14
3/12/2012 2:00	23062	6.343	269.6	13.07	9.95	2.893	235	0.567	6.368	50.07	45.96	28.34	32.68	0	0	26.21	9.17	0.013	12.31
3/12/2012 3:00	23063	6.214	274.6	12.77	9.95	2.953	233.7	0.313	6.368	47.36	43.11	31.75	36.9	0	0	26.19	9.18	0.015	12.09
3/12/2012 4:00	23064	6.289	267.7	14.35	9.95	2.394	232.9	0.096	6.368	48.23	42.58	30.3	36.96	0	0	26.19	9.2	0.016	11.98
3/12/2012 5:00	23065	7.524	253.9	14.3	11.74	3.378	232.3	0.248	6.368	45.58	41.27	34.14	39.2	0	0	26.19	9.22	0.016	15.65
3/12/2012 6:00	23066	7.353	260.4	12.97	11.74	3.713	232.5	0	8.16	46.98	43.03	31.02	35.86	0	0.001	26.19	9.23	0.016	12.1
3/12/2012 7:00	23067	7.324	277.2	19.44	11.74	3.706	232.6	0.447	8.16	46.23	42.43	30.89	35.01	0	0.001	26.2	9.25	0.013	13.36
3/12/2012 8:00	23068	5.997	265.4	19.73	8.16	2.584	231.5	0.237	4.578	43.38	38.8	34.46	40.7	0	0.401	26.22	9.27	0.022	12.05
3/12/2012 9:00	23069	5.619	268.5	21.48	11.74	2.226	231.8	0.419	6.368	46.05	41.28	31.32	38.3	0	69.22	26.23	9.28	0.016	15.68
3/12/2012 10:00	23070	3.937	247	24.17	9.95	2.913	239.8	1.153	8.16	52.97	52.91	26.1	26.3	0	257	26.3	9.31	0.022	12.04

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/12/2012 11:00	23071	9.23	262.5	17.34	18.89	7.169	247.5	3.114	18.89	61.28	61.41	16.95	17.36	0	460.4	26.37	9.33	0.019	12.24
3/12/2012 12:00	23072	11.29	267.6	14.34	17.1	9.14	254.2	0.944	15.31	65.2	65.78	12.57	12.72	0	527.2	26.43	9.33	0.007	16.5
3/12/2012 13:00	23073	10.03	276.5	15.61	17.1	8.32	259.9	2.044	15.31	69.24	69.76	8.76	9.16	0	690.3	26.45	9.34	0.012	16.51
3/12/2012 14:00	23074	10.72	270.5	18.35	18.89	8.75	264.7	1.137	15.31	72.31	72.97	4.165	4.75	0	641.1	26.47	9.35	0.009	12.19
3/12/2012 15:00	23075	9.32	261.8	26.23	17.1	7.429	265.5	2.093	15.31	73.57	74.03	2.372	2.609	0	601.6	26.44	9.36	0.009	12.72
3/12/2012 16:00	23076	10.1	245.9	12.62	17.1	7.479	265.5	0.811	15.31	73.87	74.28	2.337	2.137	0	455.1	26.43	9.37	0.01	12.35
3/12/2012 17:00	23077	11.36	261.6	13.62	20.68	9.02	268.3	1.685	17.1	75.77	76.45	2.353	1.944	0	643	26.42	9.37	-0.001	15.29
3/12/2012 18:00	23078	11.72	270.9	17.24	18.89	9.33	266.8	0.794	17.1	76.12	76.4	2.356	1.752	0	365.4	26.41	9.38	0.004	16.71
3/12/2012 19:00	23079	5.517	259.5	31.11	11.74	4.289	269.4	0.807	9.95	78.09	78.36	2.374	1.766	0	318.2	26.4	9.38	0	12.24
3/12/2012 20:00	23080	3.356	273.2	78.53	8.16	1.758	263.2	3.502	6.368	74.76	73.97	2.428	2.703	0	74.48	26.4	9.39	0.013	12.24
3/12/2012 21:00	23081	3.355	41.64	36.24	8.16	1.471	250.5	2.088	4.578	66.49	63.17	5.608	9.2	0	0.254	26.37	9.39	0.006	16.16
3/12/2012 22:00	23082	3.752	72.07	18.23	6.368	1.79	245.2	0.758	4.578	64.79	59.51	5.805	12.27	0	0.01	26.34	9.4	0.01	12.18
3/12/2012 23:00	23083	3.08	69.97	15.77	4.578	1.157	242.7	0.743	4.578	62.82	57.19	6.386	13.74	0	0.004	26.33	9.42	0.011	16.68
3/13/2012 0:00	23084	4.187	156.1	39.92	9.95	1.834	239.9	0.35	6.368	60.43	53.49	6.476	14.52	0	0.001	26.33	9.43	0.011	11.99
3/13/2012 1:00	23085	1.331	303.3	20.48	4.578	0.736	237.7	0.241	4.578	56.83	51.23	8.3	17.06	0	0	26.31	9.43	0.006	15.7
3/13/2012 2:00	23086	1.118	172.9	24.03	4.578	1.262	235.9	0.201	4.578	56.3	47.49	9.04	22.68	0	0	26.3	9.43	0	14.99
3/13/2012 3:00	23087	2.975	210.7	20.63	8.16	0.349	235.2	0.148	2.789	56.16	48.98	13.05	19.78	0	0	26.29	9.43	0.001	11.99
3/13/2012 4:00	23088	3.206	214.9	14.7	6.368	0.177	236.6	0.089	2.789	56.43	51.46	28.46	29.06	0	0	26.29	9.43	-0.001	12.01
3/13/2012 5:00	23089	3.698	254.9	26.47	6.368	1.474	238.1	0.453	4.578	54.66	50.31	41.68	43	0	0	26.29	9.43	0	12.08
3/13/2012 6:00	23090	2.546	266.9	17.66	6.368	1.041	242.8	1.816	4.578	53.95	49.14	53.6	54.89	0	0	26.28	9.43	0	12.19
3/13/2012 7:00	23091	3.178	288.3	14	8.16	1.393	317.5	6.101	6.368	53	47.61	64.49	64.84	0	0	26.27	9.43	0	12.29
3/13/2012 8:00	23092	4.601	288.8	14.4	8.16	1.517	326.2	7.992	4.578	52.21	45.91	71.32	70.01	0	0.134	26.28	9.43	0	16.6
3/13/2012 9:00	23093	2.839	340	25.66	6.368	1.013	353	2.255	2.789	50.74	44.97	77.98	75.75	0	40.2	26.28	9.43	0.001	16.43
3/13/2012 10:00	23094	3.434	113.5	49.04	13.52	2.124	307.4	13.64	11.74	55.07	54.29	74.01	69.43	0	210.9	26.31	9.44	0.002	11.98
3/13/2012 11:00	23095	11.01	170.3	12.15	18.89	7.411	311.7	15.76	13.52	60.55	62.09	77.51	70.89	0	421.8	26.39	9.44	0	12.17
3/13/2012 12:00	23096	8.89	181.7	15.75	13.52	6.171	291.4	10.59	11.74	62.81	64.5	72.46	66.06	0	386.3	26.44	9.43	-0.002	12.2
3/13/2012 13:00	23097	6.957	197.3	22.01	13.52	4.818	278.5	14.73	11.74	66.94	68.34	63.28	58.34	0	657.3	26.44	9.43	-0.001	12.18
3/13/2012 14:00	23098	6.057	167	32.3	15.31	4.567	270.1	2.721	11.74	74.51	76.18	42.3	39.75	0	807	26.46	9.43	0.002	12.95
3/13/2012 15:00	23099	7.139	130.1	29.62	13.52	5.551	276.6	1.782	13.52	77.9	80.2	27.6	25.98	0	889	26.45	9.43	0	12.27
3/13/2012 16:00	23100	7.29	148.2	28.35	17.1	5.41	282	1.035	13.52	80.8	83.1	19.2	18.11	0	816	26.43	9.43	0	15.35
3/13/2012 17:00	23101	10.31	145.3	24.31	18.89	7.346	282.1	0.444	15.31	80.9	83.3	17.95	16.72	0	684.5	26.41	9.43	0	16.61
3/13/2012 18:00	23102	9.39	164.2	22.51	22.47	6.669	280.8	0.841	20.68	81.6	83.5	18.93	17.82	0	503.1	26.39	9.43	0	12.25
3/13/2012 19:00	23103	11.05	165.8	16.13	18.89	7.378	276.3	1.575	15.31	80.5	81.8	18.01	17.34	0	290.5	26.37	9.43	0	12.76
3/13/2012 20:00	23104	7.958	169	10.59	13.52	4.16	266.6	4.385	11.74	76.76	75.35	15.39	16.86	0	58.07	26.35	9.43	-0.002	12.26
3/13/2012 21:00	23105	8.12	148.8	11.48	18.89	3.888	254.1	1.559	13.52	70.85	66.56	22.58	24.75	0	0.306	26.32	9.44	0.002	12.19
3/13/2012 22:00	23106	13.35	146.9	7.481	20.68	8.42	267	11.78	15.31	67.11	66.3	57.15	55.34	0	0.013	26.32	9.44	0.001	16.18
3/13/2012 23:00	23107	14.34	152.7	7.612	24.26	9.19	326.9	19.5	17.1	63.27	62.77	73.96	70.98	0	0.018	26.33	9.43	-0.003	12.1
3/14/2012 0:00	23108	9.67	153.8	9.61	18.89	5.913	0.783	1.399	11.74	59.82	59.16	82.3	79.07	0	0.008	26.33	9.43	0	15.64
3/14/2012 1:00	23109	7.988	156	12.33	17.1	4.739	353	3.011	15.31	57.89	57.16	87.9	84.3	0	0.002	26.32	9.43	0.001	12.16
3/14/2012 2:00	23110	8.77	165.1	10.83	17.1	5.314	352.3	0.88	13.52	58.16	57.76	91.1	87.6	0	0.004	26.3	9.43	0	11.95
3/14/2012 3:00	23111	11.22	160.1	9.27	17.1	7.033	354.7	0.707	15.31	59.11	58.99	91.8	87.9	0	0.007	26.3	9.43	-0.001	11.98
3/14/2012 4:00	23112	8.84	176.1	10.14	17.1	5.529	354.7	0.415	13.52	58.65	58.62	93	89.3	0	0.011	26.29	9.43	0	11.95
3/14/2012 5:00	23113	9.89	185.6	8.67	15.31	6.377	356	0.741	11.74	58.58	58.62	93.7	90.3	0	0.014	26.29	9.43	0	12.04
3/14/2012 6:00	23114	6.388	204	13.88	11.74	3.991	357.2	0.637	8.16	58.18	58.24	94.3	91.2	0	0.041	26.29	9.43	0	12.29
3/14/2012 7:00	23115	7.676	196.7	8.49	11.74	5.023	359.6	0.942	8.16	58.37	58.51	94.8	91.9	0	0.032	26.3	9.43	0	12.06

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/14/2012 8:00	23116	7.429	193	10.09	11.74	4.757	1.77	0.964	8.16	58.12	58.24	94.7	91.8	0	0.184	26.32	9.43	0	13.57
3/14/2012 9:00	23117	8.83	193.1	9.94	15.31	5.806	3.731	0.827	9.95	57.69	57.84	94.4	91.5	0	9.14	26.34	9.43	0	12.09
3/14/2012 10:00	23118	7.23	198.6	12.1	11.74	4.651	4.305	1.051	9.95	57.46	57.67	94.8	92.4	0	45.11	26.35	9.43	0	12.02
3/14/2012 11:00	23119	6.039	221.3	20.02	9.95	3.988	8.24	3.289	8.16	57.96	58.43	94.9	99.4	0	90.4	26.37	9.43	0	12.38
3/14/2012 12:00	23120	4.265	229.7	34.16	9.95	3.147	25.39	6.246	8.16	60.3	61.21	91.7	92.7	0	252.7	26.39	9.44	0.003	12.25
3/14/2012 13:00	23121	2.378	219.9	66.14	8.16	1.795	338.3	21.33	6.368	68.11	68.2	69.33	65	0	580.6	26.42	9.43	-0.002	12.11
3/14/2012 14:00	23122	4.317	180.4	45.52	11.74	3.2	281.8	5.536	9.95	74.66	75.76	46.56	44	0	790.8	26.46	9.43	0.001	16.47
3/14/2012 15:00	23123	5.791	219.6	34.13	11.74	4.295	278.9	2.407	9.95	79.14	80.2	29.21	27.55	0	814	26.45	9.43	0	16.42
3/14/2012 16:00	23124	7.731	217.1	40.03	17.1	5.661	283	0.781	11.74	81.1	82.7	19.93	18.66	0	794.7	26.44	9.43	0	12.14
3/14/2012 17:00	23125	7.939	209.9	26.91	17.1	5.534	281	1.289	13.52	81.5	82.9	12.55	12.1	0	588.9	26.42	9.43	0	16.61
3/14/2012 18:00	23126	8.82	187.2	27.87	17.1	6.204	281.3	0.73	15.31	82.2	83.9	10.23	9.9	0	518.5	26.41	9.43	0	13.15
3/14/2012 19:00	23127	10.39	184	20.04	17.1	6.998	277.1	1.893	13.52	81	82.3	16.64	15.89	0	298.2	26.39	9.43	-0.003	12.27
3/14/2012 20:00	23128	9.83	170.1	10.3	17.1	5.819	268.3	3.745	15.31	77.45	77.1	23.39	23.35	0	73.75	26.38	9.43	0.001	12.47
3/14/2012 21:00	23129	9.14	162.8	9.6	13.52	4.541	256.7	2.415	9.95	70.36	68.35	25.64	27.02	0	0.561	26.36	9.43	0.002	12.19
3/14/2012 22:00	23130	9.11	156	7.164	13.52	4.387	249.8	1.312	8.16	64.99	62.48	29.63	31.29	0	0.008	26.35	9.43	-0.002	12.2
3/14/2012 23:00	23131	11.3	157.8	8.55	18.89	6.607	295	54.85	13.52	63.81	62.56	54.9	53.08	0	0.003	26.35	9.43	0	12.23
3/15/2012 0:00	23132	13.07	164.1	10.45	22.47	7.941	16.94	1.205	17.1	63.2	62.51	78.36	75.21	0	0.005	26.36	9.43	0	12.06
3/15/2012 1:00	23133	12.05	174.5	8.73	34.99	7.294	14.75	1.731	22.47	61.68	61.06	83.2	79.8	0	0.007	26.36	9.43	0	11.93
3/15/2012 2:00	23134	6.324	191	11	11.74	2.797	1.059	4.283	8.16	58.77	57.39	87.9	84.6	0	0.003	26.35	9.43	0.001	12.03
3/15/2012 3:00	23135	4.547	189.8	11.25	6.368	0.542	356.4	0.338	2.789	56.84	54.57	91.6	88.9	0	0.003	26.34	9.44	0.002	12.18
3/15/2012 4:00	23136	2.823	188.3	5.732	6.368	0.191	358.7	0.092	2.789	55.6	52.7	93.4	90.9	0	0.002	26.32	9.44	0.001	11.99
3/15/2012 5:00	23137	0.839	294	5.279	2.789	0.119	2.4	0.108	2.789	53.86	51.5	94	91.9	0	0.003	26.31	9.44	0	16.43
3/15/2012 6:00	23138	3.308	296.1	8.74	4.578	0.567	4.433	0.377	4.578	52.47	51.02	94.2	99.7	0	0.002	26.3	9.43	-0.003	12.15
3/15/2012 7:00	23139	4.092	286.2	6.794	6.368	2.14	3.527	1.265	4.578	50.41	50.21	94.1	99.9	0	0.003	26.31	9.43	0	14.46
3/15/2012 8:00	23140	3.743	268.5	18.96	6.368	2.418	4.767	0.913	4.578	51.59	51.64	94.4	99.9	0	0.272	26.33	9.43	-0.006	16.49
3/15/2012 9:00	23141	4.138	250.4	15.2	6.368	2.994	9.04	1.127	4.578	36.72	51.99	94.6	99.9	0	29.66	26.35	4.561	-4.866	16.57
3/15/2012 10:00	23142	5.095	218.2	18.47	9.95	3.272	13.33	1.406	8.16	53.77	54.08	94.9	99.9	0	128.6	26.37	4.798	0.237	12.16
3/15/2012 11:00	23143	7.341	203.2	13.25	11.74	4.88	15.48	2.653	9.95	55.48	56.16	95	99.9	0	293.4	26.4	4.871	0.072	14.39
3/15/2012 12:00	23144	4.952	225.7	26.11	9.95	3.667	14.14	2.284	8.16	60.62	60.85	93.7	99.9	0	533.8	26.44	9.44	4.564	15.89
3/15/2012 13:00	23145	6.729	253.1	27.67	13.52	5.197	29.96	6.017	11.74	71.31	72.09	48.63	62.15	0	781.3	26.49	9.44	0.001	12.26
3/15/2012 14:00	23146	6.463	241.5	29.78	11.74	4.877	39.27	3.974	11.74	77.5	78.35	12.36	12.74	0	723.1	26.49	9.44	-0.001	16.65
3/15/2012 15:00	23147	8.08	233	27.4	15.31	5.912	24.49	6.564	13.52	80.8	81.9	3.011	3.386	0	719.8	26.49	9.43	0	13.57
3/15/2012 16:00	23148	9.95	215.4	33.26	20.68	6.843	357.8	12.5	17.1	81.6	83.1	6.743	6.918	0	526	26.46	9.43	0	16.33
3/15/2012 17:00	23149	11.64	198.5	18.34	24.26	7.711	292.5	16.09	17.1	80.6	82.1	7.085	7.291	0	378.7	26.44	9.43	0	12.26
3/15/2012 18:00	23150	14.14	199.1	11.56	24.26	9.12	274.4	2.061	18.89	80.3	81.6	8.38	8.55	0	299.8	26.42	9.43	-0.002	14.15
3/15/2012 19:00	23151	11.62	196.3	11.91	18.89	7.45	270.2	0.498	15.31	79.34	79.87	6.913	7.554	0	153.1	26.41	9.43	0.001	12.36
3/15/2012 20:00	23152	9.39	199.6	12.9	17.1	5.482	265.1	1.667	13.52	77.33	76.6	3.389	4.777	0	32.63	26.4	9.43	0	12.31
3/15/2012 21:00	23153	4.165	223.5	27.67	9.95	1.976	259.8	1.158	6.368	74.74	72.89	3.809	6.009	0	0.321	26.39	9.43	0.001	16.19
3/15/2012 22:00	23154	5.242	246.2	25.74	13.52	3.023	257.6	0.687	8.16	73.55	71.88	2.309	3.964	0	0.022	26.39	9.43	0	13.21
3/15/2012 23:00	23155	9.07	186.9	35.94	20.68	5.471	258.2	5.939	15.31	71.35	70.27	18.85	18.34	0	0.026	26.39	9.44	0.001	12.25
3/16/2012 0:00	23156	15	174.9	9.21	27.84	9.33	345	20.19	22.47	64.55	64.5	76.23	71.89	0	0.021	26.4	9.44	0	12.02
3/16/2012 1:00	23157	12.23	175	8.18	24.26	7.607	354.1	0.521	15.31	62.86	62.58	82.3	78.29	0	0.007	26.38	9.43	-0.003	16.13
3/16/2012 2:00	23158	10.96	179.1	8.98	17.1	6.74	357.2	1.534	11.74	62.45	62.02	82.8	79.12	0	0.006	26.36	9.43	0	16.01
3/16/2012 3:00	23159	9.6	186.6	10.1	17.1	5.9	2.425	1.324	11.74	61.65	61.09	83.4	79.93	0	0.006	26.34	9.43	0	15.57
3/16/2012 4:00	23160	8.02	183.4	9.19	13.52	4.616	4.94	0.444	9.95	59.87	59.11	86.5	82.9	0	0.003	26.32	9.43	0	11.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/16/2012 5:00	23161	5.321	182.8	11.85	8.16	1.771	3.222	0.973	4.578	57.43	55.97	90.3	86.8	0	0.006	26.29	9.43	0.001	11.91
3/16/2012 6:00	23162	3.864	183.3	19.27	8.16	0.786	2.304	0.448	4.578	56.56	54.82	92.7	90.6	0	0.011	26.27	9.44	0.002	16.44
3/16/2012 7:00	23163	4.094	206.5	22.75	8.16	1.431	0.513	0.247	4.578	56.63	55.27	91.4	93.6	0	0.014	26.28	9.44	0	12.1
3/16/2012 8:00	23164	4.415	228.6	25.36	8.16	1.438	2.785	0.684	4.578	56.24	54.17	91.7	94.8	0	0.301	26.29	9.44	0	12.19
3/16/2012 9:00	23165	6.888	184.7	12.39	9.95	3.086	4.745	1.256	6.368	55.89	53.94	92.3	95.7	0	45.35	26.29	9.44	0	12.25
3/16/2012 10:00	23166	8.71	186.5	10.08	15.31	5.767	4.113	5.246	11.74	60.76	61.17	87.3	88.9	0	280.3	26.32	9.44	0	12.2
3/16/2012 11:00	23167	10.53	189.4	11.98	15.31	7.406	317.7	18.99	13.52	66.52	68.11	73.49	67.48	0	490.6	26.37	9.43	-0.002	13.22
3/16/2012 12:00	23168	11.18	179.3	13.18	18.89	7.904	277.5	5.668	15.31	71.69	73.97	57.43	52.06	0	685.6	26.41	9.44	0.002	12.31
3/16/2012 13:00	23169	10.57	195.6	19.31	18.89	7.167	275.5	1.5	17.1	76.6	78.98	42.07	38.19	0	811	26.43	9.43	-0.002	12.34
3/16/2012 14:00	23170	9.97	211.8	22.73	20.68	6.829	280.9	1.428	15.31	80.7	82.7	29.46	27.05	0	868	26.43	9.43	0	16.18
3/16/2012 15:00	23171	10.26	210.7	21.11	20.68	6.893	283.4	1.727	17.1	82.7	84.6	22.88	21.08	0	790	26.4	9.43	0	16.45
3/16/2012 16:00	23172	12.09	189.3	19.15	22.47	8.32	286	1.16	17.1	84	86.5	19.89	18.17	0	750	26.37	9.43	0	16.18
3/16/2012 17:00	23173	14.55	173.9	18.5	26.05	9.82	284.3	1.536	20.68	82.9	85.5	29.2	26.34	0	627.3	26.34	9.43	0	14.11
3/16/2012 18:00	23174	14.97	161.6	12.84	34.99	9.85	275.7	3.446	22.47	79.79	80.9	35.69	33.5	0	230.1	26.31	9.43	-0.003	16.7
3/16/2012 19:00	23175	15.11	160.6	22.29	27.84	9.8	269.8	0.957	20.68	76.8	77.24	46.07	43.86	0	114.5	26.29	9.43	0.001	13.11
3/16/2012 20:00	23176	18.63	151.2	8.55	27.84	12.03	275	8.26	20.68	72.55	72.7	58.32	55.5	0	70.89	26.28	9.43	0	11.85
3/16/2012 21:00	23177	13.68	154.5	7.17	22.47	8.7	305.4	12.42	18.89	67.31	66.88	68.11	65.47	0	0.707	26.27	9.44	0.002	12.04
3/16/2012 22:00	23178	11.8	158.6	7.595	20.68	7.224	341.2	6.893	15.31	63.94	63.44	76.44	73.3	0	0.006	26.26	9.44	0	11.89
3/16/2012 23:00	23179	7.123	167.5	12.7	17.1	3.977	351.3	1.117	11.74	61.23	60.49	84.1	80.6	0	0.004	26.26	9.43	-0.003	12.04
3/17/2012 0:00	23180	5.849	183.8	12	9.95	3.019	352.7	1.023	6.368	59.65	58.69	88.4	85.4	0	0.002	26.25	9.43	0.001	12.02
3/17/2012 1:00	23181	6.51	183.9	10.25	13.52	3.55	354.1	0.516	8.16	59.27	58.39	89.6	86.8	0	0.002	26.24	9.43	0	13.06
3/17/2012 2:00	23182	6.439	184.9	12.09	11.74	3.318	355.2	0.609	8.16	58.82	57.7	89.7	87.5	0	0.004	26.23	9.43	-0.001	12.02
3/17/2012 3:00	23183	5.448	188.1	17.76	9.95	1.935	356.7	0.36	4.578	57.88	56.23	90.2	88.6	0	0.005	26.22	9.43	0.001	11.94
3/17/2012 4:00	23184	4.348	207.4	20.88	6.368	0.712	359.5	0.176	4.578	56.86	54.52	92.4	90.5	0	0.036	26.2	9.44	0.001	12.02
3/17/2012 5:00	23185	3.205	245.9	11.14	4.578	0.274	0.752	0.108	2.789	55.41	51.15	93.9	91.5	0	0.007	26.18	9.44	0	12.13
3/17/2012 6:00	23186	1.462	92.2	26.14	4.578	1.491	0.582	0.302	4.578	52.7	49.68	94.2	94.5	0	0.002	26.17	9.43	-0.003	12.04
3/17/2012 7:00	23187	3.337	216.1	17.92	6.368	0.476	1.303	0.187	2.789	51.29	49.87	94.2	99.9	0	0.003	26.18	9.43	0	13.2
3/17/2012 8:00	23188	3.432	213.8	18.01	8.16	0.475	1.807	0.193	2.789	50.41	49.26	94.2	99.9	0	0.443	26.18	9.43	0	11.9
3/17/2012 9:00	23189	5.592	218.6	18.92	8.16	2.932	5.571	1.266	6.368	51.29	51.31	94.5	99.9	0	36.64	26.2	9.43	0	13.6
3/17/2012 10:00	23190	9.65	203.4	9.61	18.89	6.04	9.15	1.252	13.52	55.31	55.72	95	99.9	0	131.1	26.23	9.44	0.002	14.74
3/17/2012 11:00	23191	11.82	200.5	9.87	18.89	7.772	13.72	6.558	13.52	55.26	59.9	94.9	99.9	0	362.9	26.27	9.44	0.001	15.56
3/17/2012 12:00	23192	8.68	209.5	13.93	13.52	5.664	31.48	4.965	11.74	92.3	67.67	65.15	80.8	0	572.3	26.31	9.43	-0.003	12.04
3/17/2012 13:00	23193	10.07	210.3	19.68	18.89	6.735	37.36	2.894	15.31	97.8	76.25	37.49	34.6	0	827	26.35	9.44	0.002	12.2
3/17/2012 14:00	23194	14.63	243.6	20.04	33.21	10.37	17.89	8.97	26.05	80.6	81.4	13.26	9.98	0	902	26.34	9.43	-0.004	16.09
3/17/2012 15:00	23195	15.75	247.9	16.53	29.63	11.32	347	16	24.26	94.4	83.6	4.772	2.27	0	796.8	26.31	9.41	-0.025	16.44
3/17/2012 16:00	23196	21.59	234.2	14.51	38.57	13.88	285.7	9.88	29.63	92.9	85.6	3.589	2.327	0	839	26.28	9.21	-0.196	12.06
3/17/2012 17:00	23197	19.69	235.3	17.62	33.21	12.82	282.3	3.48	27.84	87.5	85.7	3.704	3.954	0	658.5	26.26	9.17	-0.038	12.37
3/17/2012 18:00	23198	17.74	233.4	16.22	33.21	11.59	279.6	3.159	24.26	85	85	4.623	4.994	0	420.3	26.24	9.15	-0.019	12.14
3/17/2012 19:00	23199	18.64	200.9	14.64	34.99	11.69	277.2	2.744	27.84	83.1	84.3	5.633	6.062	0	233.2	26.22	9.13	-0.018	12.03
3/17/2012 20:00	23200	16.08	193.6	7.873	27.84	10.12	271.9	2.008	18.89	79.11	81.3	6.546	7.262	0	97.9	26.21	9.12	-0.018	12.55
3/17/2012 21:00	23201	19.28	166.4	10.29	31.42	11.8	267.7	3.32	22.47	71.44	73.38	45.72	43.9	0	0.671	26.21	9.11	-0.002	16.28
3/17/2012 22:00	23202	18.1	161.1	8.57	31.42	11.2	298.2	12.47	24.26	65.13	66.62	66.56	63.69	0	0.024	26.21	9.11	-0.001	12.05
3/17/2012 23:00	23203	16.91	152.2	8.19	26.05	10.75	334.3	7.588	22.47	61.86	62.87	74.83	71.47	0	0.007	26.2	9.11	0	12.04
3/18/2012 0:00	23204	16.77	155.2	8.54	29.63	10.79	353.6	5.025	22.47	60.43	61.43	81.5	77.66	0	0.005	26.19	9.11	0	13.39
3/18/2012 1:00	23205	15.3	159.2	8.18	38.57	9.62	2.888	1.332	18.89	60.18	61.11	84.9	81	0	0.002	26.18	9.11	0	12.2

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/18/2012 2:00	23206	11.48	160.9	8.91	18.89	7.154	6.442	0.915	15.31	59.9	60.37	86.5	82.8	0	0.002	26.15	9.12	0.006	16.34
3/18/2012 3:00	23207	14.49	159.1	9.02	24.26	9.07	7.787	0.326	18.89	60.35	60.9	85.8	82.1	0	0.004	26.14	9.14	0.016	12.11
3/18/2012 4:00	23208	17.55	159.8	8.78	26.05	10.95	2.668	3.615	20.68	61.56	62.1	79.28	76.23	0	0.007	26.12	9.15	0.012	15.8
3/18/2012 5:00	23209	17.79	170	8.12	27.84	10.89	334.4	14	20.68	63.1	63.51	69.58	67.38	0	0.009	26.11	9.16	0.013	11.99
3/18/2012 6:00	23210	17.32	166.2	8.42	26.05	10.59	332.9	12.27	18.89	62.94	63.51	72.85	69.87	0	0.008	26.11	9.17	0.01	15.65
3/18/2012 7:00	23211	15.55	165.5	8.7	24.26	9.6	346.3	2.073	20.68	61.59	61.97	75.81	72.95	0	0.007	26.11	9.18	0.01	12.09
3/18/2012 8:00	23212	15.39	176.7	7.808	22.47	9.26	350.2	5.57	17.1	60.39	60.7	78.16	74.95	0	0.341	26.11	9.19	0.013	11.98
3/18/2012 9:00	23213	11.75	180.6	8.3	20.68	7.351	6.382	1.871	15.31	59.13	59.66	86.6	82.4	0	54.8	26.13	9.21	0.013	13.39
3/18/2012 10:00	23214	13.46	186.2	9.41	22.47	8.7	355.4	8.11	17.1	61.26	63.36	82.5	77.2	0	206.6	26.15	9.22	0.019	16.38
3/18/2012 11:00	23215	16.17	184.2	9.62	24.26	10.57	300.7	22.35	18.89	64.47	68.1	68.57	63.21	0	447.5	26.18	9.24	0.014	14.85
3/18/2012 12:00	23216	15.88	191	12.95	26.05	10.61	268.3	1.661	20.68	71.35	75.38	43.44	39.71	0	709.4	26.21	9.24	0.005	16.46
3/18/2012 13:00	23217	22.71	198.3	11.97	38.57	14.57	274.7	5.04	27.84	77.9	80.8	18.84	17.39	0	858	26.22	9.18	-0.065	12.22
3/18/2012 14:00	23218	24.91	207.5	15.75	43.94	14.97	280.1	16.88	33.21	80	81.9	10.56	10.08	0	678.6	26.21	9.11	-0.07	16.27
3/18/2012 15:00	23219	25.86	209	13.45	43.94	15.22	282	14.3	34.99	81.1	83	8	7.734	0	676	26.17	9.07	-0.035	11.94
3/18/2012 16:00	23220	26.16	223.6	12.42	42.15	15.31	287.3	20.76	33.21	81.1	82.2	8.08	8	0	496.7	26.14	9.01	-0.067	12.03
3/18/2012 17:00	23221	24.99	231.2	10.15	42.15	15.98	286.5	29.32	29.63	79.87	80.4	9.53	9.58	0	358.9	26.12	8.95	-0.059	16.26
3/18/2012 18:00	23222	24.97	223.4	9.34	40.36	13.86	278.2	17.56	29.63	79.87	80.5	8.56	8.67	0	335.9	26.1	8.9	-0.047	16.46
3/18/2012 19:00	23223	21.11	220.7	8.96	34.99	11.29	269	5.95	24.26	78.57	78.72	8.53	8.88	0	156.3	26.08	8.89	-0.013	16.3
3/18/2012 20:00	23224	17.22	209.8	8.98	27.84	10.14	264.8	1.329	20.68	77.19	76.84	8.85	9.41	0	42.56	26.06	8.88	-0.009	11.96
3/18/2012 21:00	23225	11.55	199.9	8.17	24.26	7.038	260.2	1.146	17.1	74.25	73.39	10.28	11.11	0	0.198	26.04	8.87	-0.006	12.03
3/18/2012 22:00	23226	16.11	169.7	14.59	34.99	9.89	265.5	5.443	24.26	71.89	71.69	47.63	45.2	0	0.043	26.05	8.87	0.001	12.03
3/18/2012 23:00	23227	9.26	276.6	63.42	42.15	6.45	253.5	8.79	34.99	68.67	67.41	28.22	33.05	0.02	0.035	26.05	8.87	0.001	13.93
3/19/2012 0:00	23228	9.65	262.4	40.55	22.47	6.972	250.3	0	20.68	65.79	64.86	24.39	28.28	0	0.014	26.05	8.87	0	12.01
3/19/2012 1:00	23229	8.72	283.6	13.07	17.1	6.506	248.9	0.417	15.31	63.9	62.91	22.02	26.05	0	0.013	26.04	8.87	0	15.74
3/19/2012 2:00	23230	7.158	278.9	10.76	15.31	5.034	247.2	0.642	13.52	61.83	60.86	24.57	27.6	0	0.015	26.04	8.87	0	12.02
3/19/2012 3:00	23231	9.24	274.6	11.87	18.89	6.785	245.9	0.313	15.31	60.56	59.73	27.18	29.39	0	0.008	26.03	8.88	0.01	12.11
3/19/2012 4:00	23232	21.36	278.6	8.3	38.57	16.83	245	0.651	29.63	58.35	58.11	31.22	31.13	0	0.008	26.01	8.89	0.006	12.03
3/19/2012 5:00	23233	27.48	280.2	8.47	42.15	22.12	244.3	9.82	36.78	53.35	53.27	42.58	41.23	0	0.007	25.97	8.85	-0.039	12.01
3/19/2012 6:00	23234	26.92	286.2	8.32	43.94	21.78	252.9	24.62	36.78	50.75	50.64	48.39	46.57	0	0.003	25.95	8.82	-0.028	11.93
3/19/2012 7:00	23235	17.83	279.8	13.53	31.42	14.15	244.3	8.05	27.84	49.48	49.37	51.77	49.83	0	0.002	25.98	8.83	0.01	12.08
3/19/2012 8:00	23236	15.42	259.5	12.52	27.84	11.13	241.9	0.705	22.47	49.86	49.63	49.35	47.87	0	0.208	26	8.84	0.01	15.83
3/19/2012 9:00	23237	12.68	254.9	13.35	20.68	8.54	241.8	0.662	18.89	49.96	49.93	49.48	47.7	0	25.41	26.02	8.85	0.01	12.04
3/19/2012 10:00	23238	13.11	284.9	18.35	26.05	9.68	244	3.414	22.47	49.16	49.26	54.1	51.66	0	27.31	26.05	8.86	0.01	11.95
3/19/2012 11:00	23239	17.46	281.9	15.21	27.84	11.75	277.4	13.89	22.47	46.98	47.41	68.05	64.72	0	137	26.05	8.89	0.029	12.08
3/19/2012 12:00	23240	13.37	262.7	11.38	27.84	9.89	342.1	14.83	20.68	44.75	45.01	77.19	74.3	0.06	97.3	26.07	8.95	0.06	12.04
3/19/2012 13:00	23241	7.813	230.7	37.32	20.68	5.479	356	2.172	15.31	42.87	42.93	79.63	77.38	0.08	36	26.07	9.02	0.066	12.01
3/19/2012 14:00	23242	7.982	134.9	22.61	11.74	5.491	355.5	11	9.95	43.95	44.46	81.3	79.05	0	215.8	26.04	9.03	0.018	12.12
3/19/2012 15:00	23243	8.84	178.2	46.57	22.47	6.341	47.34	7.866	15.31	49.72	51.41	70.12	67.43	0	860	26.03	9.05	0.02	12.09
3/19/2012 16:00	23244	13.75	232.3	21.41	33.21	9.36	49.55	4.924	26.05	56.04	57.41	55.22	53.03	0	730	26.05	9.07	0.021	16.67
3/19/2012 17:00	23245	18.23	291.3	14.37	36.78	14.3	44.29	1.994	31.42	54.26	55.06	53.28	51.83	0	202.9	26.03	9.07	0	16.37
3/19/2012 18:00	23246	24.2	276.4	22.48	38.57	18.8	31.63	8.33	33.21	51.47	51.98	55.59	54.06	0	269.7	25.99	8.98	-0.093	14.52
3/19/2012 19:00	23247	22.47	278.2	11.92	40.36	17.79	6.327	4.176	31.42	49.68	50.16	49.8	48.58	0	87	26.02	8.97	-0.012	12.09
3/19/2012 20:00	23248	18.21	265.2	13.31	34.99	13.58	358	1.423	29.63	48.37	48.71	45.24	44.66	0	38.49	26.03	8.98	0.01	14.46
3/19/2012 21:00	23249	11.88	268.9	13.8	24.26	9.02	338.9	21.47	20.68	47.64	47.84	42.03	41.89	0	0.273	26.02	8.98	0.003	12.27
3/19/2012 22:00	23250	10.1	268.1	12.57	22.47	7.663	259.7	13.77	18.89	47.05	47.12	43.28	43.12	0	0.001	26.03	9	0.013	12.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/19/2012 23:00	23251	6.97	267.8	14.38	13.52	4.979	241.4	2.358	9.95	46.64	46.49	41.95	42.64	0	0	26.03	9.01	0.013	15.86
3/20/2012 0:00	23252	8.48	242.6	7.836	13.52	5.82	240.6	1.19	9.95	45.09	44.8	48.02	47.83	0	0.001	26.02	9.02	0.016	12.95
3/20/2012 1:00	23253	15.04	255.6	10.51	26.05	10.6	242.7	0.655	20.68	43.9	43.58	50.61	49.82	0	0	26.01	9.04	0.014	12.47
3/20/2012 2:00	23254	16.32	268.7	11.02	34.99	12.26	246.4	2.345	27.84	41.44	41.08	55.36	53.9	0	0	25.96	9.05	0.011	12.23
3/20/2012 3:00	23255	17.84	276	9.58	34.99	13.82	246.4	0.866	27.84	40.11	39.79	56.07	54.4	0	0	25.95	9.06	0.013	11.95
3/20/2012 4:00	23256	9.77	284	15.88	17.1	7.547	247.8	2.518	15.31	37.99	37.66	58.54	56.85	0	0	25.96	9.08	0.019	11.92
3/20/2012 5:00	23257	6.293	239.5	13.29	9.95	3.255	271.7	8.95	8.16	35.66	34.41	62.25	62.31	0	0	25.96	9.09	0.013	16.32
3/20/2012 6:00	23258	6.44	249.4	8.67	9.95	3.339	288	2.048	6.368	34.69	32.83	63.31	64.71	0	0	25.93	9.12	0.028	16.39
3/20/2012 7:00	23259	6.746	244	7.756	9.95	3.547	304	10.15	8.16	33.06	31.66	67.57	67.49	0	0	25.93	9.14	0.022	11.91
3/20/2012 8:00	23260	6.788	236.7	6.715	11.74	3.749	311.1	4.705	8.16	32.34	31.35	69.26	68.31	0	0.961	25.96	9.17	0.022	16.13
3/20/2012 9:00	23261	5.183	213.5	13.9	8.16	2.633	292.5	20.23	6.368	33.62	33.26	68.45	66.77	0	99.2	25.96	9.2	0.032	11.96
3/20/2012 10:00	23262	10.99	249.9	14.03	22.47	8.27	244.1	5.469	18.89	39.43	39.94	54.86	52.92	0	322.3	26	9.23	0.029	11.86
3/20/2012 11:00	23263	16.92	259.7	11.06	27.84	13.01	238	0.524	22.47	44.58	45.24	40.41	39.52	0	530.2	26.05	9.26	0.032	14.72
3/20/2012 12:00	23264	18.46	276.2	15.74	31.42	14.73	239.6	0.569	27.84	47.33	48.2	33.14	32.06	0	626.5	26.07	9.26	0.002	16.34
3/20/2012 13:00	23265	18.7	271.4	14.64	29.63	14.96	240.9	0.961	26.05	49.12	50.25	30.19	28.91	0	747.5	26.07	9.24	-0.021	12.04
3/20/2012 14:00	23266	17.52	270.3	13.62	33.21	13.83	242	1.057	29.63	49.72	50.82	31.1	29.55	0	465.8	26.06	9.23	-0.01	16.55
3/20/2012 15:00	23267	16.78	271	15.84	34.99	13.19	241.7	3.311	38.57	47.02	47.39	40.37	40.72	0	355.8	26.03	9.2	-0.029	12.01
3/20/2012 16:00	23268	18.18	268.7	22.97	42.15	14.22	242	8.31	33.21	50.59	51.17	30.59	29.86	0	301.7	26	9.13	-0.071	15.92
3/20/2012 17:00	23269	23.31	282.3	12.41	43.94	18.86	244	15.8	36.78	51.4	51.96	31.64	30.32	0	414.4	25.99	8.96	-0.174	16.04
3/20/2012 18:00	23270	22.24	273.8	13.54	36.78	17.58	240.3	0.682	31.42	49.84	50.33	36.33	34.64	0	282.2	26.01	8.98	0.02	12.04
3/20/2012 19:00	23271	15.75	245.2	21.47	27.84	11.51	239.9	0.936	24.26	49.7	50.17	37.34	35.63	0	209.9	26.03	8.99	0.016	16.25
3/20/2012 20:00	23272	15.43	334.6	25.7	27.84	12.51	238.5	0.465	24.26	49.57	49.51	31.26	30.83	0	39.59	26.05	8.99	0.001	11.94
3/20/2012 21:00	23273	16.45	315.2	8.11	27.84	13.35	240.2	1.423	26.05	45.83	45.81	51.08	48.76	0	0.496	26.07	9	0.006	11.89
3/20/2012 22:00	23274	13.51	327.1	11.91	24.26	10.99	240.4	1.166	20.68	44.69	44.56	53.17	51.19	0	0.002	26.09	9.02	0.023	11.96
3/20/2012 23:00	23275	8.1	307.4	19.25	15.31	6.053	249.9	5.255	11.74	41.68	41.43	60.79	58.32	0	0	26.09	9.04	0.014	12.15
3/21/2012 0:00	23276	13.13	300.4	7.248	20.68	10.59	256.8	6.238	17.1	41.27	41.05	63.3	60.51	0	0.001	26.1	9.06	0.02	13.36
3/21/2012 1:00	23277	13.42	304.7	7.78	20.68	10.98	279.5	4.403	18.89	40.83	40.71	68.82	65.53	0	0	26.1	9.07	0.016	11.87
3/21/2012 2:00	23278	13.2	302.4	8.14	20.68	10.65	264.5	3.66	17.1	42.03	41.9	64.95	61.99	0	0.001	26.1	9.09	0.019	16.43
3/21/2012 3:00	23279	10.98	294.4	8.15	17.1	8.92	261.1	3.382	13.52	41.59	41.45	64.16	61.44	0	0.001	26.09	9.11	0.022	16.07
3/21/2012 4:00	23280	12.49	298.8	9.13	20.68	10.16	251.6	1.594	17.1	42.07	41.98	60.1	57.57	0	0	26.09	9.12	0.012	11.97
3/21/2012 5:00	23281	13.76	310.1	10.19	24.26	11.09	243.6	3.942	20.68	43.33	43.11	53.13	51.54	0	0.001	26.09	9.14	0.019	12.02
3/21/2012 6:00	23282	13.83	325.3	7.892	20.68	11.38	240.2	1.234	18.89	43.62	43.37	52.26	50.53	0	0	26.1	9.16	0.017	13.94
3/21/2012 7:00	23283	13.86	316.5	8.16	22.47	11.22	240.6	0.601	20.68	42.51	42.3	53.79	51.87	0	0	26.11	9.18	0.023	16.24
3/21/2012 8:00	23284	11.35	319.3	8.5	17.1	8.85	244	2.518	13.52	40.85	40.4	57.51	55.58	0	0.996	26.11	9.21	0.027	11.96
3/21/2012 9:00	23285	10	306.2	14.23	15.31	7.745	247.9	3.757	13.52	40.99	40.56	59.44	57.5	0	42.11	26.1	9.24	0.025	12.2
3/21/2012 10:00	23286	12.2	306.2	10.87	18.89	10.14	238.7	1.413	17.1	42.87	42.9	50.5	48.72	0	123.3	26.13	9.26	0.022	11.95
3/21/2012 11:00	23287	12.25	314.1	9.97	18.89	10.4	238.1	0.975	17.1	47.26	47.56	42.31	40.64	0	320.5	26.16	9.28	0.023	12.07
3/21/2012 12:00	23288	21.04	329.9	14.33	33.21	17.04	242.4	1.113	27.84	54.13	54.65	29.4	28.45	0	458.7	26.2	9.26	-0.022	12.23
3/21/2012 13:00	23289	18.41	343.2	15.92	33.21	13.86	245.6	1.503	26.05	55.65	56.58	27.35	26.01	0	670	26.22	9.26	-0.001	16.56
3/21/2012 14:00	23290	16.84	309.8	17.61	31.42	13.06	250.1	1.113	27.84	58.88	60.32	20.25	19.14	0	907	26.22	9.26	-0.001	12.43
3/21/2012 15:00	23291	16.76	308.1	18.26	29.63	12.55	253.3	0.709	26.05	61.11	62.77	17.68	16.55	0	911	26.21	9.26	-0.002	12.24
3/21/2012 16:00	23292	19.43	304.9	15.12	33.21	16.35	254.5	0.568	27.84	62.86	64	14.47	13.88	0	807	26.19	9.21	-0.048	13.72
3/21/2012 17:00	23293	20.81	307.1	13.11	34.99	17.31	255.6	0.632	31.42	64.85	65.92	8.78	8.8	0	701.4	26.16	9.15	-0.054	11.93
3/21/2012 18:00	23294	20.74	316.8	26.03	36.78	16.97	255.1	0.799	29.63	65.88	66.59	6.75	7.041	0	426.1	26.15	9.13	-0.025	12
3/21/2012 19:00	23295	15.86	45.55	11.11	33.21	9.2	248.2	1.51	20.68	58.75	59.17	29.12	27.71	0	161.6	26.15	9.14	0.012	16.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/21/2012 20:00	23296	15.54	31.03	14.82	27.84	9.46	244.4	0.915	22.47	56.37	56.45	33.46	32.21	0	83	26.16	9.14	0	12.09
3/21/2012 21:00	23297	13.12	6.476	9.78	22.47	9.24	241.3	0.983	18.89	53.12	53.23	37.43	35.84	0	1.835	26.17	9.15	0.005	16.21
3/21/2012 22:00	23298	6.636	347	13.97	13.52	4.386	239.4	0.527	9.95	50.67	50.42	43.53	42.28	0	0.006	26.16	9.16	0.014	16.12
3/21/2012 23:00	23299	6.388	299.8	51.22	9.95	3.556	238.6	0.275	6.368	49.76	48.54	45.53	45.86	0	0.002	26.15	9.18	0.016	12.04
3/22/2012 0:00	23300	5.301	242.2	19.59	11.74	2.284	238.8	0.406	6.368	45.64	43.93	51.11	51.81	0	0	26.15	9.2	0.02	15.82
3/22/2012 1:00	23301	3.745	228.8	11.34	8.16	0.664	243.3	0.586	4.578	43.58	40.98	53.59	55.77	0	0	26.13	9.22	0.021	16.36
3/22/2012 2:00	23302	3.27	263.3	18.95	6.368	0.943	248.1	0.945	4.578	42.68	39.44	54.84	58.19	0	0	26.12	9.24	0.019	15.68
3/22/2012 3:00	23303	4.548	238.6	12.34	9.95	1.363	259.1	2.726	4.578	40.96	37.22	57.49	61.49	0	0	26.11	9.26	0.025	11.96
3/22/2012 4:00	23304	4.953	274.6	21.92	8.16	1.555	258.2	2.594	4.578	40.54	37.25	56.28	60.37	0	0	26.09	9.29	0.029	12.07
3/22/2012 5:00	23305	6.725	240.6	10.66	11.74	3.38	245.2	2.327	8.16	41.31	39.19	53.5	55.46	0	0	26.05	9.32	0.025	12.14
3/22/2012 6:00	23306	5.952	258.7	12.91	9.95	3.057	239.5	1.325	6.368	43.75	40.77	47.26	51.23	0	0	26.04	9.34	0.022	12.05
3/22/2012 7:00	23307	6.088	267.1	9.55	9.95	3.081	237	0.353	6.368	46.34	41.69	42.09	48.63	0	0	26.06	9.36	0.025	11.98
3/22/2012 8:00	23308	5.054	297.7	16.23	8.16	1.995	237.3	0.768	4.578	44.48	40.58	45.06	49.72	0	1.293	26.07	9.39	0.022	12.4
3/22/2012 9:00	23309	5.356	273.9	27.92	8.16	2.885	238.3	0.579	6.368	42.95	41.06	51.54	52.72	0	104.9	26.09	9.41	0.025	15.88
3/22/2012 10:00	23310	6.791	248.6	10.49	13.52	5.288	238.9	1.575	11.74	49.39	49.51	41.38	40.09	0	324.5	26.14	9.43	0.019	16.28
3/22/2012 11:00	23311	10.95	253.1	17.85	17.1	8.49	246.9	2.937	15.31	59.35	59.65	24.73	24.37	0	531.5	26.2	9.44	0.006	16.42
3/22/2012 12:00	23312	14.73	294	13.48	24.26	12.43	255.7	2.015	20.68	66.56	67.12	15.74	15.56	0	715.6	26.25	9.42	-0.012	12.58
3/22/2012 13:00	23313	15.72	310	14.73	24.26	13.4	261.7	1.462	22.47	70.56	71.23	12.25	12.16	0	844	26.27	9.38	-0.045	12.6
3/22/2012 14:00	23314	15.08	343.1	17.87	27.84	11.63	265.7	1.182	22.47	72.36	73.51	10.14	10.02	0	912	26.29	9.38	0.002	12.25
3/22/2012 15:00	23315	11.43	16.38	25.56	24.26	7.964	268.1	0.629	18.89	73.18	74.27	10.71	10.44	0	910	26.3	9.39	0.006	12.26
3/22/2012 16:00	23316	8.96	345.3	29.3	18.89	7.207	270.5	1.129	17.1	74.4	75.08	9.69	9.63	0	845	26.3	9.39	0	12.21
3/22/2012 17:00	23317	7.607	6.074	43.58	17.1	5.882	272.2	0.76	15.31	75.64	76.16	8.51	8.67	0	719.8	26.3	9.4	0.009	12.23
3/22/2012 18:00	23318	5.266	310.5	50.82	13.52	4.516	272.5	0.642	11.74	76.55	76.7	8.14	8.44	0	543.5	26.29	9.4	0.007	16.45
3/22/2012 19:00	23319	6.128	31.84	39.41	11.74	4.244	269.3	1.409	9.95	75.48	75.95	8.9	9.13	0	331.1	26.28	9.41	0.007	12.27
3/22/2012 20:00	23320	9.5	71.91	38.33	20.68	6.224	261.9	3.611	15.31	72.03	71.9	16.56	16.53	0	104.7	26.27	9.42	0.01	16.64
3/22/2012 21:00	23321	13.12	75.85	7.835	20.68	8.05	250.9	2.269	17.1	62.44	62	39.6	38.49	0	1.36	26.25	9.42	0.003	16.51
3/22/2012 22:00	23322	13.77	80.5	7.917	22.47	8.32	245.8	0.899	15.31	57.53	56.98	47.71	46.48	0	0.003	26.24	9.43	0.007	12.33
3/22/2012 23:00	23323	12.26	78.46	8.47	18.89	7.356	244.1	0.271	13.52	54.38	53.78	52.31	50.88	0	0.001	26.24	9.43	0.001	12.18
3/23/2012 0:00	23324	10.39	73.4	7.981	17.1	6.268	246.2	1.804	11.74	50.97	50.33	57.87	56.06	0	0	26.24	9.43	0.001	15.72
3/23/2012 1:00	23325	9.42	77.39	9.09	18.89	5.571	254.9	3.619	11.74	48.07	47.4	63.29	61.14	0	0	26.25	9.43	0	12.06
3/23/2012 2:00	23326	6.336	95.8	10.51	9.95	3.592	276.2	7.395	8.16	45.9	44.66	67.39	65.78	0	0	26.24	9.43	0.001	15.86
3/23/2012 3:00	23327	5.661	86.2	12.59	8.16	3.025	299.1	4.256	6.368	44.63	43.21	70.1	68.68	0	0	26.22	9.44	0.002	16.38
3/23/2012 4:00	23328	5.474	80.1	10.97	8.16	2.825	312.3	4.45	4.578	43.55	42.19	72.18	70.53	0	0	26.21	9.44	0	16.23
3/23/2012 5:00	23329	5.513	73.76	10.33	8.16	2.982	315.9	0.949	4.578	44.19	42.43	70.86	70.19	0	0	26.21	9.44	0	16.48
3/23/2012 6:00	23330	6.116	41.81	12.12	9.95	3.125	311.4	1.801	6.368	43.08	42.11	71.57	69.51	0	0	26.22	9.44	0	11.93
3/23/2012 7:00	23331	7.494	49.82	7.486	9.95	3.921	314.6	3.501	8.16	42.55	41.6	72.93	70.69	0	0	26.23	9.44	0	11.92
3/23/2012 8:00	23332	7.538	53.53	7.184	11.74	4.144	325.7	3.227	8.16	41.46	40.54	75.28	72.84	0	1.805	26.24	6.311	-3.125	15.89
3/23/2012 9:00	23333	8.01	67.24	9.9	11.74	5.016	300.1	17.98	9.95	43.13	43.19	73.29	69.39	0	113.6	26.26	5.813	-0.498	12.14
3/23/2012 10:00	23334	8.35	103.2	12.66	13.52	6.232	253.5	7.785	11.74	50.37	51.54	60.39	56.52	0	333.3	26.32	8.34	2.526	16.68
3/23/2012 11:00	23335	9.87	120.3	11.84	15.31	7.138	247.5	1.335	13.52	56.22	58.19	47.22	43.72	0	540.6	26.38	1.478	-6.861	13.39
3/23/2012 12:00	23336	7.154	144.5	26.4	13.52	5.472	253.9	2.166	9.95	61.87	63.89	38.13	35.52	0	724.6	26.41	1.23	-0.248	14.76
3/23/2012 13:00	23337	5.615	179.7	33.67	11.74	4.283	261.7	2.102	9.95	67.74	69.06	31.06	29.4	0	856	26.43	0.513	-0.716	12.28
3/23/2012 14:00	23338	7.035	240.4	37.08	13.52	5.203	268	1.665	13.52	72.48	73.62	24.12	22.51	0	920	26.44	9.43	8.92	14.26
3/23/2012 15:00	23339	5.162	246.7	52.37	11.74	3.876	275.4	2.021	11.74	78.18	79.03	17.76	16.89	0	921	26.43	9.43	0.003	16.56
3/23/2012 16:00	23340	5.106	307.9	75	13.52	4.258	280.8	1	11.74	81	81.3	14.04	13.9	0	856	26.42	9.43	0	12.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/23/2012 17:00	23341	6.028	243.5	51.25	15.31	4.582	283.8	0.445	13.52	83.2	83.9	10.67	10.58	0	730.3	26.4	9.43	0	12.53
3/23/2012 18:00	23342	8.92	251.7	27.61	17.1	6.706	282.2	1.021	15.31	83.6	84.4	6.39	6.635	0	552.5	26.38	9.43	0	12.29
3/23/2012 19:00	23343	6.855	263.9	28.28	15.31	5.374	279.2	0.652	11.74	83.4	83.7	4.604	5.202	0	341	26.36	9.43	0	16.5
3/23/2012 20:00	23344	4.513	156.8	88.4	9.95	2.971	272.6	3.765	8.16	81.2	80.6	8.88	9.73	0	114.8	26.35	9.44	0.001	13.73
3/23/2012 21:00	23345	9.11	62.88	8.39	13.52	5.453	258.4	3.205	9.95	70.93	69.63	23.76	24.31	0	1.417	26.33	9.43	-0.002	12.19
3/23/2012 22:00	23346	9.93	67.87	16.72	17.1	5.446	252	1.457	11.74	67.51	66.1	27.4	28.04	0	0.012	26.31	9.44	0.002	12.49
3/23/2012 23:00	23347	10.9	84.9	7.622	17.1	6.24	247.7	1.245	11.74	63.02	61.71	34.13	34.29	0	0.005	26.31	9.43	-0.003	12.08
3/24/2012 0:00	23348	8.8	100.3	7.82	11.74	5.26	244.8	0.455	9.95	60.24	58.54	39.75	40.27	0	0.005	26.3	9.43	0.001	12.66
3/24/2012 1:00	23349	11.55	109.9	7.354	20.68	6.891	244.5	0.176	11.74	60.34	59.06	41.59	41.52	0	0.005	26.3	9.43	0.001	12.2
3/24/2012 2:00	23350	10.73	115.3	9.14	15.31	6.297	244.9	0.478	11.74	58.37	57.17	49.86	49.29	0	0.005	26.29	9.43	0	16.43
3/24/2012 3:00	23351	9.19	118.6	8.82	15.31	5.023	248.4	2.115	11.74	56.59	55.28	56.6	55.76	0	0.001	26.29	5.163	-4.271	16.52
3/24/2012 4:00	23352	5.707	94.9	17.76	9.95	2.892	270.8	4.126	6.368	54.41	52.83	64.04	63.11	0	0.001	26.27	6.607	1.444	12.19
3/24/2012 5:00	23353	6.261	86.3	9.36	9.95	3.665	281.5	3.544	6.368	52.65	51.29	66.97	65.76	0	0	26.25	6.781	0.174	11.89
3/24/2012 6:00	23354	7.221	97.7	9.01	9.95	4.22	277.9	3.86	6.368	53.14	50.75	63.14	64.67	0	0	26.25	6.838	0.057	12.02
3/24/2012 7:00	23355	3.485	126.6	32.42	8.16	1.895	271.8	1.612	6.368	53.6	50.22	59.38	62.76	0	0	26.26	6.845	0.006	12.1
3/24/2012 8:00	23356	0.976	228	30.76	2.789	0.947	307.6	5.21	4.578	51.83	46.14	62.51	69.21	0	2.112	26.27	6.633	-0.212	16.17
3/24/2012 9:00	23357	0.578	264.2	20.96	4.578	0.28	271.3	6.417	2.789	55.85	52.88	55.31	58.71	0	118.1	26.28	5.64	-0.993	12.04
3/24/2012 10:00	23358	4.784	224	22.36	9.95	3.075	250	2.388	8.16	62.72	63.39	46.16	43.63	0	339.6	26.34	7.591	1.951	16.65
3/24/2012 11:00	23359	7.462	222	13.59	11.74	4.874	258.9	2.613	9.95	67.97	69.07	41.99	39.32	0	545.9	26.41	1.331	-6.26	12.17
3/24/2012 12:00	23360	7.308	238.7	20.68	15.31	5.368	269.4	3.633	11.74	75.78	76.5	29.68	28.17	0	730.3	26.44	-0.051	-1.382	12.11
3/24/2012 13:00	23361	8.92	207.6	19.87	17.1	6.275	280.4	2.306	13.52	82.3	83.8	13.36	12.95	0	862	26.46	9.43	9.49	16.42
3/24/2012 14:00	23362	9.15	238	27.53	18.89	6.803	285.6	1.036	15.31	85.3	86.3	7.151	7.36	0	925	26.46	9.43	0	12.27
3/24/2012 15:00	23363	8.53	242.1	43.72	20.68	6.281	290.5	1.052	17.1	87.9	89.1	6.445	6.574	0	919	26.44	9.43	0	16.52
3/24/2012 16:00	23364	9.76	224.4	28.45	20.68	7.067	292.4	0.717	17.1	88.9	90.2	4.101	4.424	0	858	26.43	9.43	0	12.22
3/24/2012 17:00	23365	8.36	222.4	35.84	18.89	6.132	293.1	1.068	15.31	89.7	90.6	3.679	4.192	0	729.6	26.41	9.43	0	12.11
3/24/2012 18:00	23366	10.24	221.6	27.77	20.68	7.132	290.6	0.985	15.31	88.8	89.9	4.251	4.608	0	548.2	26.4	9.43	0	15.46
3/24/2012 19:00	23367	6.995	219.3	34.81	15.31	4.863	287.7	1.398	9.95	88.6	89	2.958	3.698	0	336	26.39	9.43	0	12.27
3/24/2012 20:00	23368	7.75	201.8	21.49	13.52	4.347	279.6	4.025	9.95	85.5	84.9	3.924	5.129	0	110.2	26.38	9.43	-0.002	16.19
3/24/2012 21:00	23369	6.997	147.2	14.28	9.95	2.306	262	3.472	4.578	77.54	72.48	8.25	11.46	0	1.475	26.35	9.43	0.001	12.26
3/24/2012 22:00	23370	8.77	129.6	3.03	11.74	3.233	253.2	1.557	4.578	73.38	66.46	13.82	19.07	0	0.006	26.32	9.44	0.003	12.19
3/24/2012 23:00	23371	8.95	126.4	5.227	11.74	3.378	249.6	0.815	4.578	71.43	64.54	13.99	19.97	0	0.006	26.32	9.43	-0.003	12.17
3/25/2012 0:00	23372	7.174	132.3	14.22	9.95	2.251	247.7	0.555	4.578	68.85	62.71	16.2	21.56	0	0.002	26.31	9.43	0	12.1
3/25/2012 1:00	23373	6.523	160.1	16.76	11.74	2.107	245.5	0.203	6.368	65.7	60.94	20.88	24.54	0	0.001	26.31	9.43	0.001	12.13
3/25/2012 2:00	23374	7.818	166	12.2	11.74	3.267	245.3	0.379	8.16	64.45	61.1	29.13	31.17	0	0.002	26.3	9.43	0	12.18
3/25/2012 3:00	23375	3.43	172.5	11.04	6.368	0.129	244	0.049	2.789	60.46	57.26	39.29	40.86	0	0.001	26.3	9.44	0.002	12.24
3/25/2012 4:00	23376	4.367	186.8	9.62	6.368	0.16	245.2	0.214	2.789	59.73	56.04	48.23	50.23	0	0	26.28	9.44	0	12.03
3/25/2012 5:00	23377	3.58	163.6	15.13	6.368	0.019	259.7	1.204	2.789	58.09	54.85	59.98	60.99	0	0	26.28	9.43	-0.003	12.08
3/25/2012 6:00	23378	4.018	154.6	17.23	8.16	0.351	321.7	3.075	2.789	56.83	53.75	71.94	72.43	0	0	26.27	9.43	0	15.68
3/25/2012 7:00	23379	4.268	120.1	16.53	6.368	1.722	336.2	2.219	4.578	56.38	54.14	77.09	76.5	0	0.001	26.28	9.32	-0.114	11.93
3/25/2012 8:00	23380	2.954	118	25.47	6.368	0.585	344.5	1.443	2.789	55.06	53.36	81.7	79.89	0	2.953	26.29	4.783	-4.536	12.03
3/25/2012 9:00	23381	3.614	90.9	24.89	6.368	1.934	327.6	14.84	4.578	58.31	57.99	78.6	74.52	0	125.9	26.31	6.067	1.284	12.06
3/25/2012 10:00	23382	8.02	157.7	13.91	13.52	5.541	278.2	9.12	9.95	65.12	66.49	68.58	63.36	0	343.2	26.37	7.797	1.73	12.1
3/25/2012 11:00	23383	8.66	156.9	21.31	13.52	6.155	266	0.463	11.74	70.08	71.93	57.72	53.01	0	501.1	26.43	9.4	1.601	12.76
3/25/2012 12:00	23384	10.38	148.5	17.06	17.1	7.307	271.1	2.475	13.52	75.53	77.89	45.36	41.63	0	716.6	26.46	9.44	0.037	12.32
3/25/2012 13:00	23385	17.04	164.5	13.55	29.63	11.27	279	1.995	24.26	81.4	84.2	28.28	25.64	0	850	26.47	9.43	-0.001	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/25/2012 14:00	23386	20.13	161	12.18	31.42	13.37	283.9	1.176	24.26	84.6	87.4	15.86	14.47	0	925	26.47	9.4	-0.038	12.24
3/25/2012 15:00	23387	18.74	153.5	14.41	31.42	12.48	287.1	0.807	27.84	85.8	88.8	14.54	13.18	0	927	26.45	9.38	-0.019	16.45
3/25/2012 16:00	23388	17.3	145.1	13.45	29.63	11.86	288.6	0.498	24.26	86.2	89.1	12.97	11.88	0	853	26.43	9.36	-0.013	12.31
3/25/2012 17:00	23389	16.16	141.4	14.2	29.63	11.27	289	0.412	22.47	86.7	89.2	12.66	11.76	0	718.4	26.41	9.36	-0.01	13.26
3/25/2012 18:00	23390	15.83	142.9	12.79	26.05	10.69	287.5	0.943	20.68	86.7	88.7	13.45	12.63	0	527.8	26.39	9.34	-0.013	12.23
3/25/2012 19:00	23391	17.87	134.4	10.12	26.05	11.72	281.6	1.885	20.68	84.9	85.9	16.53	15.95	0	271	26.37	9.33	-0.016	12.27
3/25/2012 20:00	23392	16.12	132.4	7.766	26.05	10.6	274.2	3.169	22.47	82	81.9	17.83	17.78	0	103.7	26.35	9.31	-0.018	12.16
3/25/2012 21:00	23393	12.44	128.3	7.219	22.47	7.497	263.8	2.546	17.1	76.24	75.15	22.76	23.06	0	0.986	26.34	9.3	-0.009	12.62
3/25/2012 22:00	23394	12.32	132.1	7.125	18.89	7.516	257.9	1.255	13.52	72.52	71.31	27.39	27.7	0	0.017	26.34	9.29	-0.011	12.41
3/25/2012 23:00	23395	12.76	130.9	6.741	17.1	7.715	254.2	0.642	13.52	69.76	68.52	28.24	28.59	0	0.015	26.34	9.29	0.001	16.52
3/26/2012 0:00	23396	11.09	128.1	9.4	15.31	6.514	250.9	0.954	11.74	66.58	65.24	32	32.29	0	0.013	26.34	9.29	-0.003	16.3
3/26/2012 1:00	23397	11.04	133.8	8.28	22.47	6.743	248.9	0.414	13.52	65.1	63.87	35.06	35.11	0	0.007	26.32	9.29	0	12.63
3/26/2012 2:00	23398	7.713	137.5	7.563	11.74	3.832	246	0.815	8.16	62.12	59.97	38.88	39.91	0	0.003	26.31	9.29	0.001	12.17
3/26/2012 3:00	23399	8.73	144.7	7.74	13.52	4.588	244.4	0.238	8.16	60.53	58.4	41.51	42.59	0	0.002	26.3	9.29	0.001	16.07
3/26/2012 4:00	23400	10.21	131.5	6.867	15.31	6.068	245.3	0.855	11.74	60.45	59.41	46.58	45.92	0	0.002	26.29	9.29	0	16.43
3/26/2012 5:00	23401	9.01	147.7	13.57	13.52	5.341	248.5	1.256	9.95	59.34	58.54	55.28	53.79	0	0.004	26.29	9.3	0.012	16.48
3/26/2012 6:00	23402	11.33	158.7	11.66	20.68	7.006	262.8	5.601	15.31	60.26	59.45	63.64	61.55	0	0.001	26.29	9.32	0.023	11.96
3/26/2012 7:00	23403	15.3	139.3	8.78	24.26	9.96	279	7.888	18.89	60.33	59.91	68.99	66.19	0	0.004	26.29	9.33	0.009	11.95
3/26/2012 8:00	23404	11.35	137.2	10.12	20.68	7.351	318.5	9.5	13.52	58.65	58.13	76.55	73.35	0	3.869	26.29	9.35	0.016	13.28
3/26/2012 9:00	23405	10.39	143.8	10.99	18.89	6.851	325.6	1.631	13.52	58.41	58.33	79.05	75.1	0	68.17	26.3	9.36	0.016	12.05
3/26/2012 10:00	23406	15.6	155.4	8.92	26.05	10.07	306	7.482	18.89	62.22	62.9	75.89	70.87	0	206.9	26.32	9.39	0.028	12.1
3/26/2012 11:00	23407	19.58	160.5	14.17	31.42	12.73	277	6.152	24.26	66.19	67.73	68.19	62.44	0	453.3	26.34	9.39	0.003	16.12
3/26/2012 12:00	23408	15.78	177.3	12.92	24.26	10.43	267.4	0.61	18.89	70.04	72.11	58.99	53.47	0	570.2	26.38	9.4	0.001	12.13
3/26/2012 13:00	23409	15.39	174.1	16.51	24.26	10.49	269.9	1.443	20.68	74.37	77.16	49.75	44.51	0	815	26.39	9.39	0	12.29
3/26/2012 14:00	23410	14.59	173.2	16.57	26.05	9.94	274.1	1.668	22.47	77.24	80.2	44.03	39.3	0	854	26.38	9.39	-0.001	15.94
3/26/2012 15:00	23411	13.97	179.5	18.44	24.26	9.6	279	1.344	18.89	80.1	83.1	37.58	33.5	0	892	26.37	9.39	0	12.12
3/26/2012 16:00	23412	14.36	183.9	18.07	24.26	9.58	282	1.052	18.89	81.8	84.7	33.01	29.48	0	741.1	26.35	9.39	0	12.22
3/26/2012 17:00	23413	14.27	170	16.75	29.63	9.76	282.2	1.685	22.47	82.5	84.9	32.22	29.11	0	693.8	26.32	9.39	0	12.16
3/26/2012 18:00	23414	12.19	169.2	23.14	22.47	8.34	282.5	0.574	20.68	83	85.2	32.24	29.37	0	518.5	26.31	9.39	0	12.17
3/26/2012 19:00	23415	14.14	156.2	14.4	24.26	9.35	275.9	1.987	18.89	81	81.9	36.66	34.52	0	190.5	26.29	9.39	0	12.16
3/26/2012 20:00	23416	14.55	139.8	8.75	22.47	9.57	269.5	2.544	17.1	78.1	78.22	41.91	40.31	0	69.18	26.28	9.39	0.001	12.7
3/26/2012 21:00	23417	12.24	144.9	10.91	22.47	7.713	263.1	1.08	17.1	74.29	73.66	47.61	46.54	0	1.189	26.27	9.4	0	12.12
3/26/2012 22:00	23418	11.51	150.3	8.41	20.68	7.178	263.4	0.997	15.31	70.95	70.26	56.47	54.94	0	0.014	26.27	9.4	0.002	12.22
3/26/2012 23:00	23419	4.105	137.8	27.33	8.16	1.945	281.8	9.44	4.578	66.34	64.41	65.07	64.08	0	0.007	26.28	9.39	-0.002	16.23
3/27/2012 0:00	23420	7.618	152.4	13.74	11.74	3.573	304.6	3.403	8.16	64.64	62.35	68.82	68.88	0	0.002	26.28	9.39	0	12.17
3/27/2012 1:00	23421	7.065	187.6	8.06	13.52	2.71	316.9	8.38	6.368	61.9	59.38	72.33	72.27	0	0.001	26.26	9.41	0.01	16.49
3/27/2012 2:00	23422	5.995	217	9.16	11.74	2.656	343.1	1.957	6.368	60.87	59.4	81	78.66	0	0.001	26.25	9.42	0.014	12.07
3/27/2012 3:00	23423	6.002	213.5	13.97	9.95	2.183	345.9	0.793	4.578	59.6	57.65	85.8	83.5	0	0.001	26.25	9.43	0.013	12.6
3/27/2012 4:00	23424	5.146	231.8	17.24	9.95	2.05	345.4	1.672	6.368	58.09	56.52	87.1	85.3	0	0	26.24	9.44	0.003	15.9
3/27/2012 5:00	23425	4.372	209.5	10.1	8.16	0.756	350.3	0.325	4.578	56.85	54.96	87.5	85.5	0	0	26.23	9.44	0.001	12.15
3/27/2012 6:00	23426	2.586	250.8	22.87	6.368	0.885	350.9	0.297	4.578	56.6	54.85	91.3	88.4	0	0	26.24	9.44	0	16.57
3/27/2012 7:00	23427	3.75	206.7	28.34	6.368	0.489	351.5	0.377	4.578	57.38	54.91	92.3	90.1	0	0	26.24	9.44	0	11.93
3/27/2012 8:00	23428	4.719	223.7	16.16	8.16	0.845	354.1	0.339	4.578	55.97	52.74	93.1	90.9	0	2.247	26.24	9.44	0	16.06
3/27/2012 9:00	23429	3.561	251.2	17.07	6.368	1.211	357.9	1.504	4.578	54.27	52.91	93.9	93.4	0	101.5	26.25	9.44	0	12.17
3/27/2012 10:00	23430	5.061	240.8	25.05	9.95	3.567	351	11.57	6.368	61.47	61.21	86.9	97.7	0	339.2	26.29	9.44	0	11.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/27/2012 11:00	23431	7.08	246.8	22.16	11.74	5.165	284.4	15.85	11.74	68.98	69.66	61.57	59.5	0	553.2	26.36	9.43	-0.002	12.15
3/27/2012 12:00	23432	8.65	316.4	26.33	15.31	7.229	270.3	2.752	13.52	76.62	77.03	21.32	20.97	0	750.4	26.41	9.44	0.001	16.28
3/27/2012 13:00	23433	7.437	316.8	28.29	17.1	6.276	279.7	1.848	15.31	81.6	82	6.501	7.014	0	887	26.44	9.43	-0.001	12.23
3/27/2012 14:00	23434	6.129	281.7	71.81	13.52	4.815	285.7	1.661	15.31	85.1	85.6	3.625	4.244	0	955	26.44	9.43	0	12.25
3/27/2012 15:00	23435	6.844	289.8	36.87	17.1	5.842	289.2	1.127	15.31	86.6	87.1	2.571	2.785	0	951	26.43	9.43	0	12.13
3/27/2012 16:00	23436	7.78	267.5	58.69	15.31	5.987	290.5	0.832	13.52	87.2	88.2	2.434	1.92	0	880	26.41	9.43	0	12.17
3/27/2012 17:00	23437	6.183	290.7	63.68	17.1	5.116	291.4	0.793	13.52	88.2	88.6	2.45	1.844	0	745	26.38	9.43	0	12.29
3/27/2012 18:00	23438	8.41	300.8	25.86	17.1	7.13	289.5	1.534	15.31	87.6	88	2.464	1.825	0	571.1	26.37	9.43	0	16.43
3/27/2012 19:00	23439	4.217	242.9	64.39	11.74	3.403	288.2	0.894	9.95	88.5	88.4	2.484	1.829	0	429.4	26.36	9.43	0	12.27
3/27/2012 20:00	23440	9.2	162.8	37.71	18.89	6.231	280.3	4.194	13.52	84.7	84.7	3.21	3.591	0	160.7	26.35	9.43	-0.003	12.18
3/27/2012 21:00	23441	10.38	170.8	19.35	22.47	5.777	265	3.408	18.89	76.66	74.66	13.91	14.86	0	4.009	26.33	9.43	0.001	12.09
3/27/2012 22:00	23442	11.18	186.6	7.559	18.89	6.787	257.5	1.762	13.52	70.92	70.14	29.24	28.95	0	0.01	26.34	9.44	0.003	15.54
3/27/2012 23:00	23443	10.57	187.9	7.778	17.1	6.382	253.1	0.911	11.74	67.77	66.91	34.44	34.07	0	0.005	26.34	9.44	0.001	12.09
3/28/2012 0:00	23444	9.56	202.5	9.63	17.1	5.53	250.6	0.831	11.74	65.6	64.74	37.58	37.13	0	0.001	26.32	9.43	-0.003	12.12
3/28/2012 1:00	23445	6.298	205.9	10.6	11.74	2.665	247.9	0.314	6.368	62.24	60.44	43.73	43.84	0	0.001	26.3	9.43	0.001	11.92
3/28/2012 2:00	23446	5.755	182.2	25.2	9.95	2.449	249.4	1.107	6.368	59.46	57.25	51.04	51.31	0	0	26.28	9.43	0.001	12.13
3/28/2012 3:00	23447	3.762	209.3	17.03	8.16	0.382	254.8	0.646	4.578	57.95	54.64	55.33	57.11	0	0	26.26	9.44	0.001	12.01
3/28/2012 4:00	23448	5.228	208.8	12.86	9.95	1.815	263.9	1.941	4.578	57.32	54.39	58.41	59.17	0	0	26.24	9.43	-0.003	14.54
3/28/2012 5:00	23449	6.088	196.2	10.28	9.95	2.031	284.4	4.919	6.368	55.55	52.39	64.4	64.91	0	0	26.24	9.43	0	16.4
3/28/2012 6:00	23450	6.533	178.8	8.01	9.95	2.512	302.1	5.142	4.578	53.76	51.46	69.26	68.94	0	0	26.25	9.43	0	12.73
3/28/2012 7:00	23451	5.976	174.9	7.328	9.95	1.984	316.3	2.245	4.578	52.82	50.54	71.35	71.26	0	0	26.25	9.43	0	15.65
3/28/2012 8:00	23452	3.764	178.7	12.9	6.368	0.459	326.4	1.356	2.789	52.39	50.45	73.12	72.68	0	2.341	26.25	9.43	0	12.17
3/28/2012 9:00	23453	4.463	175.7	12.48	8.16	1.362	308.2	8.32	6.368	54	53.18	72.62	70.5	0	88.6	26.26	9.32	-0.114	16.4
3/28/2012 10:00	23454	10.34	189.8	9.75	17.1	7.023	269.2	8.29	13.52	61.16	62.17	63.95	59.5	0	316.1	26.31	9.43	0.115	12.09
3/28/2012 11:00	23455	11.35	196.4	12.29	17.1	7.654	260.2	0.968	13.52	67.1	68.83	52.58	48.24	0	519.3	26.37	9.43	0.001	16.33
3/28/2012 12:00	23456	7.647	211.6	19.51	13.52	5.217	266.7	2.306	11.74	72.56	74.27	42.27	38.87	0	705.9	26.42	9.43	-0.001	12.18
3/28/2012 13:00	23457	4.898	248.2	44.53	11.74	3.885	276.6	3.072	9.95	79.64	80.2	28.13	26.7	0	869	26.43	9.43	0.002	12.2
3/28/2012 14:00	23458	4.973	187.2	42.48	11.74	3.74	284.7	2.256	9.95	84.4	85.7	16.87	16.5	0	948	26.43	9.43	0	12.15
3/28/2012 15:00	23459	6.937	200.6	50.01	17.1	5.185	289.4	0.636	11.74	86.2	87.8	12.08	11.6	0	949	26.41	9.43	0	12.08
3/28/2012 16:00	23460	8.87	193.8	40.68	20.68	6.313	290.6	0.193	15.31	86.8	88.6	9.69	9.31	0	874	26.39	9.43	0	16.16
3/28/2012 17:00	23461	9.96	164.3	31.48	22.47	7.073	289.9	0.484	17.1	86.3	88.5	8.91	8.55	0	742.6	26.36	9.43	0	15.25
3/28/2012 18:00	23462	9.95	168.5	27.63	18.89	7.005	287.9	0.775	13.52	86.1	87.9	7.858	7.68	0	556.3	26.33	9.43	0	12.49
3/28/2012 19:00	23463	8.22	177.2	33.2	18.89	5.779	284.4	1.925	17.1	85.5	86.6	7.934	8.06	0	330.5	26.31	9.43	0	16.11
3/28/2012 20:00	23464	8.92	161.3	12.29	15.31	5.479	275.9	3.275	11.74	82.8	82.5	9.94	10.55	0	110.9	26.29	9.43	-0.002	12.3
3/28/2012 21:00	23465	8.02	145.3	5.801	11.74	3.464	261.5	3.824	6.368	75.17	71.87	15.6	17.59	0	1.982	26.27	9.43	0.001	16.16
3/28/2012 22:00	23466	12.66	149.8	8.47	20.68	7.611	256.5	0.662	15.31	72.07	70.48	29.1	29.14	0	0.003	26.26	9.44	0.003	16.12
3/28/2012 23:00	23467	16	160.9	7.703	24.26	9.94	256.8	0.445	18.89	71.16	70.61	42.9	41.91	0	0.005	26.28	9.44	0	12.13
3/29/2012 0:00	23468	15.5	169.3	10.89	26.05	9.65	257.1	0.294	18.89	68.83	68.31	51.11	49.66	0	0.007	26.29	9.44	0	12.28
3/29/2012 1:00	23469	10.1	183.4	8.98	27.84	5.897	260.9	2.199	13.52	65.88	65.02	57.81	56.36	0	0.002	26.27	9.44	0	13.37
3/29/2012 2:00	23470	9.09	185.8	9.2	15.31	5.144	271.9	5.503	9.95	63.6	62.57	63.75	62.16	0	0.001	26.25	9.43	-0.003	14.48
3/29/2012 3:00	23471	6.816	159.4	11.82	13.52	2.76	311.2	11.68	8.16	59.38	57.19	71.7	71.22	0	0	26.23	9.43	0.001	11.94
3/29/2012 4:00	23472	8.88	161.1	8.38	13.52	4.799	326.3	3.38	9.95	58.23	56.93	76.06	74.3	0	0	26.21	9.44	0.001	16.41
3/29/2012 5:00	23473	10.34	169.2	15.53	15.31	6.088	335.6	2.324	9.95	57.73	56.99	84.4	80.9	0	0	26.19	9.44	0	12
3/29/2012 6:00	23474	7.006	188.1	11.72	11.74	3.884	336.7	4.471	8.16	56.9	56.16	90	86.1	0	0.001	26.19	9.44	0	11.94
3/29/2012 7:00	23475	6.826	207.9	9.58	13.52	3.968	346.8	2.841	8.16	56.47	56.16	93.1	90.2	0	0	26.19	9.44	0.001	14.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/29/2012 8:00	23476	7.483	221.7	21.22	11.74	5.089	352.4	1.215	9.95	55.93	56.04	94	93.1	0	1.967	26.2	9.44	0	16.08
3/29/2012 9:00	23477	6.112	235.3	13.97	9.95	4.281	355.1	1.144	8.16	55.08	55.22	94.5	99.9	0	65.14	26.21	9.43	-0.001	12.03
3/29/2012 10:00	23478	5.836	243.2	16.05	9.95	3.842	3.061	3.357	9.95	58.65	58.97	89.8	99.9	0	304.5	26.24	9.43	-0.001	12.38
3/29/2012 11:00	23479	8.48	258.8	18.16	13.52	7.242	348	3.703	13.52	69.91	69.97	43.07	53.51	0	561.7	26.28	9.43	0.001	11.92
3/29/2012 12:00	23480	10.19	300.4	24.11	17.1	8.63	314.8	26.25	17.1	78.39	78.82	16.06	16.1	0	763.3	26.32	9.44	0.002	11.99
3/29/2012 13:00	23481	11.09	318.8	18.82	20.68	8.51	281	2.307	18.89	83	84.2	3.019	3.174	0	888	26.35	9.43	-0.001	12.21
3/29/2012 14:00	23482	11.29	307.7	23.06	22.47	8.78	286.2	0.698	18.89	85.5	86.7	2.413	1.806	0	966	26.35	9.43	0	16.33
3/29/2012 15:00	23483	12.63	288.5	21.73	27.84	10.63	287.9	0.673	26.05	87	87.8	2.437	1.814	0	974	26.33	9.43	0	12.19
3/29/2012 16:00	23484	13.25	278.8	23.44	27.84	11.24	287.9	0.667	24.26	87.2	87.9	2.44	1.813	0	905	26.3	9.42	-0.013	16.14
3/29/2012 17:00	23485	11.36	280.1	35.81	24.26	9.47	286.9	1.983	22.47	86.8	87.6	2.432	1.811	0	644.3	26.27	9.41	-0.01	12.17
3/29/2012 18:00	23486	9.99	248.8	29.52	22.47	8.18	284.4	1.852	20.68	86.9	87.3	2.442	1.939	0	500.9	26.25	9.4	-0.01	16.41
3/29/2012 19:00	23487	8.71	231.5	18.55	17.1	6.74	281.5	2.574	15.31	85.9	86.2	2.456	2.568	0	273	26.24	9.38	-0.019	12.18
3/29/2012 20:00	23488	7.803	238.7	18.2	17.1	5.729	276	2.583	15.31	84.3	83.9	3.271	4.065	0	124.2	26.23	9.37	-0.015	12.26
3/29/2012 21:00	23489	6.509	244.5	11.68	9.95	3.173	264.4	3.237	8.16	78.14	75.64	5.898	7.826	0	2.67	26.21	9.37	-0.003	16.25
3/29/2012 22:00	23490	3.868	224	25.38	8.16	0.892	255	0.66	4.578	72.12	68.06	8.84	11.83	0	0.006	26.19	9.37	0.003	12.19
3/29/2012 23:00	23491	5.546	225.9	20.85	9.95	1.965	249.5	0.805	6.368	67.87	64.02	13.02	15.63	0	0.001	26.18	9.37	0	13.2
3/30/2012 0:00	23492	5.415	212.3	26.34	13.52	2.256	245.9	0.573	8.16	65.1	61.66	19.6	21.33	0	0.001	26.17	9.37	0.001	12.22
3/30/2012 1:00	23493	5.137	249.3	44.66	15.31	2.465	246.3	0.601	8.16	65.53	62.01	19.4	22.67	0	0	26.16	9.37	-0.003	12.89
3/30/2012 2:00	23494	2.61	222.5	32.82	6.368	1.228	242.7	0.543	4.578	61.71	56.67	21.16	26.66	0	0	26.14	9.37	0.002	14.94
3/30/2012 3:00	23495	5.179	275.1	37.14	9.95	2.061	239.6	0.199	6.368	57.91	53.95	20.44	26.22	0	0	26.12	9.37	0.003	12.25
3/30/2012 4:00	23496	4.063	295.8	16.13	8.16	1.679	238.9	0.493	4.578	58.05	52.95	10.86	17.7	0	0	26.11	9.38	0.01	16.04
3/30/2012 5:00	23497	1.865	163.6	23.66	9.95	2.069	237.2	0.225	6.368	56.38	50.76	10.61	19.97	0	0	26.11	9.4	0.013	16.27
3/30/2012 6:00	23498	3.914	171.5	26.05	9.95	1.336	235.8	0.157	4.578	52.46	48	30.53	28.54	0	0	26.12	9.41	0.01	12.03
3/30/2012 7:00	23499	3.301	244.3	36.32	9.95	1.098	235.9	0.114	6.368	50.55	47.3	39.4	40.13	0	0	26.12	9.42	0.014	15.87
3/30/2012 8:00	23500	6.978	329.7	18.47	11.74	3.417	235.8	0.381	9.95	52.63	49.58	17.7	23.3	0	4.872	26.13	9.43	0.009	16.42
3/30/2012 9:00	23501	9.11	312.8	9.75	15.31	6.454	240.3	2.225	13.52	56.82	55.47	9.97	12.22	0	142.2	26.16	9.43	0.001	11.99
3/30/2012 10:00	23502	10.57	297.1	10.27	20.68	8.97	246.9	2.484	17.1	60.32	60.51	8.62	8.96	0	370.2	26.23	9.43	0.001	12.09
3/30/2012 11:00	23503	8.61	306	11.4	13.52	7.46	258.3	3.847	11.74	69.97	70.09	11.44	11.53	0	581	26.28	9.43	0.001	12.07
3/30/2012 12:00	23504	8.91	305	18.57	15.31	7.402	270.3	3.183	13.52	77.22	77.69	9.95	9.95	0	770.8	26.32	9.43	0.001	12.24
3/30/2012 13:00	23505	7.815	293.6	30.16	17.1	6.435	279.5	2.918	13.52	82.4	82.9	6.079	6.39	0	907	26.34	9.43	0.003	12.18
3/30/2012 14:00	23506	9.93	290.8	27.83	24.26	8.31	284.9	1.011	20.68	85.3	85.8	2.731	3.016	0	971	26.34	9.43	0	15.87
3/30/2012 15:00	23507	14.21	270.1	22.51	26.05	9.86	286.1	0.893	18.89	85.8	87.4	2.42	1.879	0	972	26.32	9.43	0	12.31
3/30/2012 16:00	23508	11.03	279.9	27.23	24.26	8.8	287.8	0.68	20.68	87	87.9	2.442	1.814	0	896	26.3	9.43	-0.003	12.15
3/30/2012 17:00	23509	11.73	279	19.71	22.47	9.85	287.4	0.95	20.68	87.2	87.8	2.446	1.813	0	759	26.29	9.43	-0.006	12.17
3/30/2012 18:00	23510	10.86	297.8	23.71	22.47	9.15	285.4	0.644	20.68	86.6	87	2.448	1.818	0	569.5	26.27	9.41	-0.013	12.26
3/30/2012 19:00	23511	11.68	285.1	17.33	22.47	9.7	282	1.554	20.68	85.8	85.9	2.438	1.811	0	350.1	26.26	9.4	-0.012	12.17
3/30/2012 20:00	23512	8.25	299.8	14.05	15.31	6.182	275.6	2.945	13.52	83.7	83	2.413	1.8	0	118.8	26.26	9.4	-0.002	15.38
3/30/2012 21:00	23513	2.767	282.9	25.26	6.368	0.96	262.2	1.98	4.578	78	73.89	2.399	4.39	0	2.074	26.23	9.4	-0.002	12.65
3/30/2012 22:00	23514	2.014	85.2	22.42	4.578	2.284	254.3	1.41	4.578	73.69	68.54	3.224	8.74	0	0.005	26.22	9.4	0.002	12.06
3/30/2012 23:00	23515	3.452	158.1	22.55	6.368	1.83	250.6	0.489	4.578	71.56	66.12	4.739	8.87	0	0.001	26.2	9.4	0	12.1
3/31/2012 0:00	23516	4.325	167.7	58.99	20.68	2.289	247.7	0.463	15.31	67.47	63.61	7.449	10.72	0	0.001	26.2	9.4	0	16.35
3/31/2012 1:00	23517	4.985	301.7	23.52	13.52	2.302	246.7	0.703	11.74	66.84	62.63	8.97	12.21	0	0	26.19	9.4	0	12.18
3/31/2012 2:00	23518	5.606	302.6	6.18	8.16	1.01	243.8	0.294	2.789	64.12	59.04	11.65	15.03	0	0	26.18	9.4	0.005	15.86
3/31/2012 3:00	23519	7.778	308.5	6.755	11.74	4.033	243.6	0	6.368	63.4	59.36	11.62	15.09	0	0	26.17	9.41	0.007	12.04
3/31/2012 4:00	23520	7.581	310.5	8.64	13.52	4.592	243.3	0.25	9.95	61.54	58.76	12.92	15.36	0	0	26.16	9.41	0.003	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/31/2012 5:00	23521	9.34	317.5	5.832	13.52	6.294	243.5	0.423	11.74	60.69	58.74	13.34	14.9	0	0	26.15	9.42	0.006	12.07
3/31/2012 6:00	23522	12	325.1	7.269	18.89	8.81	243.7	0.429	13.52	59.82	58.63	14.39	15.31	0	0.001	26.16	9.42	0	12.07
3/31/2012 7:00	23523	10.27	340.2	20.41	15.31	6.941	243.4	0.768	11.74	59.89	58.28	15.58	16.74	0	0.001	26.18	9.43	0.013	14.01
3/31/2012 8:00	23524	9.67	7.138	16.13	17.1	6.843	240.9	0.456	15.31	55.04	54.43	22.28	22.35	0	4.457	26.19	9.43	0.001	12.1
3/31/2012 9:00	23525	4.441	344.1	28.62	9.95	2.616	244.3	2.513	6.368	58.8	58.8	19.65	19.55	0	142.5	26.2	9.44	0.002	12.23
3/31/2012 10:00	23526	3.78	309	25.21	8.16	2.582	259.1	4.048	6.368	71.35	71.78	11.07	11.47	0	368.9	26.26	9.44	0	15.41
3/31/2012 11:00	23527	2.96	309.6	47.98	9.95	2.24	273.9	4.554	8.16	81.7	81.5	5.31	6.242	0	580	26.33	9.44	0	12.07
3/31/2012 12:00	23528	7.314	234.7	26.49	13.52	5.988	281.8	0.866	11.74	83.5	84.1	4.816	5.255	0	769.5	26.38	9.43	-0.001	12.64
3/31/2012 13:00	23529	8.2	216.8	21.2	13.52	6.545	286.7	1.947	11.74	86.2	87.2	3.191	3.51	0	900	26.38	9.43	0	12.16
3/31/2012 14:00	23530	7.804	206.7	47.49	17.1	6.299	291.3	1.078	13.52	88.7	90	2.462	1.929	0	969	26.37	9.43	0	16.04
3/31/2012 15:00	23531	7.179	215.4	59.68	22.47	5.689	294.8	1.326	17.1	91	92.1	2.491	1.848	0	966	26.35	9.43	0	12.24
3/31/2012 16:00	23532	9.45	241.2	41.51	22.47	7.687	295.8	1.492	18.89	91.4	92.1	2.501	1.861	0	889	26.33	9.43	0	16.28
3/31/2012 17:00	23533	8.83	228.3	36.53	20.68	7.252	293.6	0.862	18.89	90.4	91.2	2.514	1.871	0	746.6	26.31	9.43	0	12.22
3/31/2012 18:00	23534	10.48	238.1	28.66	20.68	8.52	290.8	0.988	17.1	89.9	90.5	2.516	1.869	0	568.8	26.29	9.43	-0.003	16.47
3/31/2012 19:00	23535	9.7	221.8	25.04	18.89	7.621	287.5	1.276	15.31	89.1	89.5	2.498	1.842	0	350.9	26.27	9.41	-0.019	15.32
3/31/2012 20:00	23536	8.24	210.1	16.37	15.31	5.724	280.9	3.273	11.74	87.1	86.5	2.459	1.919	0	124.4	26.25	9.4	-0.015	12.13
3/31/2012 21:00	23537	6.998	164.8	17.18	9.95	2.814	265.5	4.095	4.578	79.94	75.36	3.268	5.889	0	2.524	26.22	9.39	-0.005	12.46
3/31/2012 22:00	23538	8.33	145.7	6.273	9.95	3.073	255.7	1.912	4.578	74.41	68.68	6.906	10.23	0	0.003	26.2	9.39	-0.001	12.09
3/31/2012 23:00	23539	4.272	197.6	33.22	9.95	1.847	251.5	0.768	6.368	70.9	66.46	7.888	11.25	0	0.001	26.19	9.39	0	12.06
4/1/2012 0:00	23540	6.108	214.2	55.08	13.52	4.012	251.8	1.518	9.95	71.4	68.66	6.899	9.1	0	0.001	26.17	9.39	0	11.87
4/1/2012 1:00	23541	6.241	250.5	10.43	11.74	3.51	249.9	0.79	8.16	67.35	65.45	8.69	10.29	0	0.002	26.16	9.39	0	12.2
4/1/2012 2:00	23542	4.083	254.2	18.05	9.95	1.455	247.4	0.488	6.368	65.85	62.95	9.02	11.2	0	0.001	26.14	9.39	0	13.71
4/1/2012 3:00	23543	3.889	237.6	16.44	8.16	1.525	245.9	0.689	4.578	64.95	61.55	8.87	11.46	0	0.001	26.12	9.39	0.002	12.06
4/1/2012 4:00	23544	2.314	224.2	42.91	6.368	1.066	243.6	0.245	4.578	63.86	59.31	9.05	12.92	0	0.001	26.1	9.39	0.001	15.76
4/1/2012 5:00	23545	7.117	177.3	21.65	13.52	2.517	240.9	0.858	6.368	60.62	54.94	12.15	16.82	0	0	26.08	9.39	0.001	11.95
4/1/2012 6:00	23546	7.119	168.7	5.752	11.74	1.617	239.4	0.276	6.368	58.27	53.14	14.3	18.24	0	0	26.07	9.4	0.003	15.25
4/1/2012 7:00	23547	3.11	184.1	13.44	6.368	0.127	237.5	0.039	2.789	54.56	51.43	18.62	20.94	0	0	26.06	9.41	0.01	16.08
4/1/2012 8:00	23548	3.608	167.8	15.99	6.368	0.786	236.7	0.18	4.578	52.9	50.04	21.08	23.02	0	6.223	26.05	9.42	0.013	12.45
4/1/2012 9:00	23549	3.132	203.1	28.53	6.368	1.222	242.4	1.09	4.578	55.22	55.48	20.76	20.5	0	154.2	26.07	9.43	0.006	16.26
4/1/2012 10:00	23550	5.142	222.7	18.24	9.95	4.214	250.6	2.999	8.16	64.15	64.53	13.42	13.32	0	382.8	26.13	9.43	0.003	12.04
4/1/2012 11:00	23551	7.011	229.7	19.35	11.74	5.861	261.5	3.814	9.95	71.74	72.15	9.13	9.4	0	595	26.18	9.43	-0.003	16.89
4/1/2012 12:00	23552	12.38	264.8	21.78	24.26	10.32	276	3.105	20.68	82.4	82.9	3.368	3.955	0	781.3	26.22	9.43	0.002	12.24
4/1/2012 13:00	23553	13.14	264.2	24.66	24.26	11.01	282.3	1.469	22.47	85.3	86	2.444	1.939	0	914	26.23	9.43	0	12.18
4/1/2012 14:00	23554	16.8	228.3	18.93	31.42	13.3	285.9	0.824	27.84	87.3	88.7	2.461	1.825	0	979	26.21	9.33	-0.098	16.59
4/1/2012 15:00	23555	20.74	226.5	12.76	33.21	16.14	286.6	0.712	26.05	87.9	89.4	2.468	1.831	0	976	26.19	9.26	-0.073	12.21
4/1/2012 16:00	23556	25.22	220.1	12.11	40.36	19.02	286.6	0.733	31.42	88.2	89.8	2.459	1.826	0	905	26.16	9.09	-0.171	12.03
4/1/2012 17:00	23557	22.52	227.7	11.04	40.36	17.18	286	0.603	31.42	88.4	89.5	2.462	1.829	0	771.5	26.13	9.05	-0.038	11.99
4/1/2012 18:00	23558	21.81	233.4	11.38	33.21	16.66	283.7	0.664	29.63	87.4	88.2	2.446	1.836	0	588.9	26.11	9.01	-0.041	15.45
4/1/2012 19:00	23559	17.86	235.9	11.71	29.63	13.86	281.1	0.898	24.26	86.5	86.7	2.446	1.82	0	364.9	26.09	8.97	-0.038	16.5
4/1/2012 20:00	23560	15.29	232.4	9.9	29.63	11.41	276	2.317	24.26	84.7	84.2	2.416	1.783	0	130.5	26.07	8.93	-0.041	16.23
4/1/2012 21:00	23561	8.8	209.4	10.21	18.89	4.783	263.8	4.264	13.52	77.89	75.12	2.356	1.725	0	3.171	26.04	8.89	-0.04	12.31
4/1/2012 22:00	23562	8.8	215.4	12.76	15.31	4.842	255.9	1.566	8.16	72.58	69.98	2.297	1.7	0	0.004	26.02	8.89	0.002	12.43
4/1/2012 23:00	23563	9	258.4	7.691	15.31	5.683	251.8	0.986	11.74	68.61	66.63	2.27	2.12	0	0.003	26	8.89	-0.003	12.13
4/2/2012 0:00	23564	5.895	273.5	11.45	9.95	2.06	248.3	0.954	4.578	67.36	63.08	2.272	4.003	0	0.001	25.97	8.89	0	14.16
4/2/2012 1:00	23565	1.881	292.8	20.98	6.368	0.448	243.8	0.161	4.578	64.3	60.08	3.48	5.999	0	0	25.94	8.89	0.001	12.16

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/2/2012 2:00	23566	7.39	170.5	23.46	17.1	3.491	243.4	0.715	9.95	63.14	58.97	4.062	6.962	0	0	25.94	8.89	0.001	14.57
4/2/2012 3:00	23567	6.968	154	17.77	15.31	3.006	242.1	0.537	9.95	60.63	57.2	21.18	20.93	0	0	25.93	8.89	0	16.41
4/2/2012 4:00	23568	9.09	153.8	8.6	15.31	4.593	249.1	5.123	11.74	58.28	56.38	53.83	52.97	0	0	25.92	8.9	0.006	15.92
4/2/2012 5:00	23569	6.664	192.1	32.31	13.52	3.458	259.4	1.974	9.95	56.67	54.6	59.25	59.14	0	0	25.92	8.91	0.01	12.09
4/2/2012 6:00	23570	1.986	167.8	41.1	4.578	0.891	268	3.086	4.578	54.16	51.47	61.69	61.42	0	0	25.92	8.92	0.013	14.84
4/2/2012 7:00	23571	2.271	260.3	25.87	6.368	0.396	284.9	2.116	4.578	52.92	48.9	64.3	64.92	0	0	25.91	8.94	0.019	11.97
4/2/2012 8:00	23572	2.854	257.7	13.73	4.578	0.043	318.3	0.115	2.789	52.1	46.86	65.59	69.7	0	6.123	25.91	8.95	0.012	15.75
4/2/2012 9:00	23573	3.688	263.4	21.37	8.16	0.758	245	3.421	6.368	55.76	54.2	45.66	50.02	0	153.7	25.92	8.96	0.014	11.91
4/2/2012 10:00	23574	12.27	262	11.99	24.26	8.25	252.4	3.066	18.89	68.02	68.31	19.17	19.04	0	381.4	25.98	8.98	0.013	16.73
4/2/2012 11:00	23575	16.57	265.2	13.83	26.05	11.03	259.6	1.517	22.47	70.35	71.03	19.23	18.51	0	594.1	26.04	8.98	0.007	12.68
4/2/2012 12:00	23576	18.29	259.9	12.74	31.42	14.89	262	0.415	24.26	70.7	71.57	19.04	18.16	0	781.8	26.05	8.98	0	16.44
4/2/2012 13:00	23577	19.67	241.9	15.15	34.99	15.79	263	0.731	33.21	71.66	72.75	15.68	14.94	0	911	26.05	8.98	0	12.07
4/2/2012 14:00	23578	24.31	236	13.24	40.36	19.08	263.5	0.788	33.21	72.25	73.55	11.15	10.64	0	979	26.06	8.94	-0.048	16.21
4/2/2012 15:00	23579	26.48	241.5	11.54	45.73	21.1	261.7	0.332	38.57	71.13	72.26	10.58	10.16	0	973	26.05	8.83	-0.101	14.2
4/2/2012 16:00	23580	27.51	248.7	11.32	47.52	22.07	260.8	0.587	42.15	70.51	71.53	9.55	9.29	0	886	26.05	8.75	-0.079	12.2
4/2/2012 17:00	23581	30.63	252.3	11.89	49.31	24.59	258.9	0.467	42.15	69.33	70.18	5.835	5.95	0	761.7	26.05	8.61	-0.149	12.09
4/2/2012 18:00	23582	25.98	255.2	11.55	40.36	21.07	257.8	0.435	34.99	68.83	69.49	3.633	4.007	0	578.6	26.04	8.58	-0.028	13.74
4/2/2012 19:00	23583	19.53	266.3	14.01	40.36	15.77	256.5	0.556	31.42	68	68.39	3.697	4.143	0	347.4	26.04	8.56	-0.021	12.12
4/2/2012 20:00	23584	16.26	279.9	10.57	24.26	13.21	253.1	1.455	22.47	65.69	65.68	4.979	5.465	0	119.1	26.04	8.55	-0.012	12.47
4/2/2012 21:00	23585	11.97	290.9	8.23	20.68	9.22	248	1.326	17.1	61.7	61.3	5.803	6.385	0	2.927	26.03	8.54	-0.003	15.59
4/2/2012 22:00	23586	10	292	7.354	17.1	7.303	244.4	0.809	11.74	58.65	57.85	6.42	7.253	0	0.003	26.03	8.54	0.001	12.87
4/2/2012 23:00	23587	4.037	320.2	23.67	11.74	1.882	240.7	0.829	6.368	56.4	53.85	7.216	9	0	0.001	26.05	8.54	-0.001	16.54
4/3/2012 0:00	23588	6.651	307	11.31	11.74	3.49	238.7	0.496	8.16	55.16	51.61	8.66	11.24	0	0	26.04	8.54	0	16.29
4/3/2012 1:00	23589	6.407	315.5	9.16	17.1	3.649	237.5	0.371	11.74	51.67	50.09	12.7	13.68	0	0	26.04	8.54	0	11.89
4/3/2012 2:00	23590	2.901	307.9	5.919	6.368	1.407	235.3	0.507	4.578	49.02	45.98	16.82	18.29	0	0	26.05	8.54	-0.003	15.69
4/3/2012 3:00	23591	4.237	294.6	8.43	8.16	1.62	233.4	0.286	4.578	47.6	43.73	20.75	21.49	0	0	26.04	8.55	0.015	15.45
4/3/2012 4:00	23592	8.66	305.4	7.155	13.52	5.496	233.5	0.43	9.95	46.54	44.98	26.74	26.77	0	0	26.03	8.57	0.013	11.99
4/3/2012 5:00	23593	6.095	300.7	10.12	9.95	3.047	232.6	0.388	6.368	43.59	41.95	30.34	30.41	0	0	26.04	8.58	0.013	15.87
4/3/2012 6:00	23594	5.773	307.9	10.98	9.95	2.461	232.1	0.18	6.368	44.59	41.85	32.51	33.44	0	0	26.04	8.59	0.013	11.86
4/3/2012 7:00	23595	6.369	310.2	9.71	13.52	3.341	231.9	0.232	9.95	44.89	41.51	34.66	35.52	0	0	26.05	8.61	0.016	15.82
4/3/2012 8:00	23596	6.667	297	11.83	11.74	3.145	232.5	0	9.95	43.58	41.28	42.75	42.26	0	5.592	26.08	8.62	0.016	16.43
4/3/2012 9:00	23597	6.533	313.6	32.88	11.74	4.614	235	1.356	8.16	45.55	45.7	41.84	39.51	0	166.1	26.12	8.64	0.013	13.93
4/3/2012 10:00	23598	12.07	279.5	12.95	24.26	9.34	240.4	1.974	20.68	52.62	53.18	31.62	29.79	0	400.7	26.17	8.65	0.01	11.91
4/3/2012 11:00	23599	17.06	271.6	11.74	26.05	12.83	245.6	1.121	22.47	56.53	57.52	30.65	28.39	0	608.8	26.22	8.66	0.01	16.52
4/3/2012 12:00	23600	18.71	271.3	11.75	27.84	13.96	248.6	0.83	24.26	57.84	59.27	35.12	31.98	0	795.2	26.26	8.66	0.003	12.16
4/3/2012 13:00	23601	18.07	272	13.61	27.84	13.02	251.5	0.983	24.26	60.36	62.11	32.81	29.6	0	923	26.28	8.67	0.006	15.34
4/3/2012 14:00	23602	19.29	278.9	12.32	29.63	14.94	253.2	0.567	26.05	61.87	63.47	29.47	26.64	0	988	26.28	8.66	-0.001	16.75
4/3/2012 15:00	23603	19.19	284.6	15.04	31.42	15.2	254.3	0.451	27.84	62.94	64.53	29.28	26.43	0	981	26.28	8.66	-0.001	12.14
4/3/2012 16:00	23604	18.23	293.7	14.09	31.42	14.79	256.1	0.335	26.05	64.59	65.97	25.91	23.57	0	905	26.27	8.66	0	16.46
4/3/2012 17:00	23605	16.78	297.3	15.82	27.84	13.9	257.4	0.107	24.26	65.85	67.09	22.8	20.89	0	766.1	26.27	8.66	0	12.33
4/3/2012 18:00	23606	16.32	294.5	14.06	26.05	13.59	256.9	0	22.47	65.89	66.88	22.62	20.93	0	573.6	26.27	8.66	-0.003	15.61
4/3/2012 19:00	23607	14.44	305.9	16.36	24.26	11.96	255.3	0.687	20.68	65.31	65.91	24	22.52	0	351.9	26.26	8.65	-0.005	15.53
4/3/2012 20:00	23608	13.64	318.9	11.47	20.68	11.06	252	1.442	18.89	63.74	63.85	26.37	25.2	0	115.6	26.26	8.65	-0.002	14.4
4/3/2012 21:00	23609	10.1	338.2	10.12	18.89	7.109	247	1.323	15.31	60.1	59.85	29.37	28.5	0	2.979	26.25	8.65	-0.003	12.05
4/3/2012 22:00	23610	8.09	356.9	11.44	13.52	5.556	243.1	1.245	9.95	56.58	56.35	33.39	32.26	0	0.002	26.25	8.65	0.001	12.53

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/3/2012 23:00	23611	8.19	2.47	7.2	11.74	5.557	240.4	0.733	9.95	53.97	53.62	36.4	35.26	0	0.001	26.25	8.65	0.002	11.96
4/4/2012 0:00	23612	9.43	3.954	9.02	15.31	6.799	239.1	0.445	11.74	52.24	52.1	39.07	37.57	0	0.001	26.25	8.65	0	12.13
4/4/2012 1:00	23613	11.54	8.73	9.99	18.89	8.54	238.6	0.325	17.1	50.96	50.84	44.26	42.3	0	0	26.24	8.65	0	12.08
4/4/2012 2:00	23614	11.5	20.57	8.66	17.1	8.16	239.6	0.658	13.52	48.09	48.09	53.35	50.54	0	0	26.24	8.66	0.01	13.15
4/4/2012 3:00	23615	11.37	22.96	10.17	20.68	7.699	247	4.538	17.1	45.91	45.9	61.55	58.08	0	0	26.23	8.67	0.01	11.92
4/4/2012 4:00	23616	8.93	6.381	12.34	13.52	6.258	267	7.793	13.52	44.02	44.03	68.64	64.52	0	0	26.23	8.69	0.013	15.9
4/4/2012 5:00	23617	7.415	356.4	13.82	13.52	5.038	287	7.929	11.74	42.96	42.8	72.27	68.16	0	0	26.23	8.71	0.021	11.94
4/4/2012 6:00	23618	3.394	310.1	46.54	8.16	2.153	307.6	7.07	6.368	41.46	40.28	74.4	71.08	0	0	26.21	8.72	0.013	16.42
4/4/2012 7:00	23619	2.832	245.1	40.68	6.368	0.637	331.9	2.913	4.578	40.12	37.15	76.92	75.39	0	0	26.19	8.74	0.019	11.89
4/4/2012 8:00	23620	3.223	326.1	26.99	6.368	1.633	332.1	2.393	4.578	40.67	39.48	75.3	72.12	0	8.58	26.19	8.76	0.022	15.68
4/4/2012 9:00	23621	1.391	306.7	32.6	4.578	0.624	274.2	12.67	4.578	43.66	44.71	69.61	63.51	0	166.4	26.21	8.78	0.019	12.59
4/4/2012 10:00	23622	2.924	200.2	28.53	8.16	2.153	244.6	0.471	8.16	52.34	52.92	54.75	51.5	0	391.7	26.27	8.79	0.012	15.54
4/4/2012 11:00	23623	8.08	222.7	17.36	15.31	6.563	246.9	0.764	13.52	54.54	55.32	50.26	46.65	0	603.3	26.32	8.8	0.01	12.09
4/4/2012 12:00	23624	11.67	217.2	16.89	18.89	9.29	250.2	1.071	15.31	58.23	59.58	44.53	40.8	0	787.8	26.34	8.82	0.015	11.9
4/4/2012 13:00	23625	11.9	222.9	19.11	18.89	9.47	254	1.38	17.1	62.6	64.05	36.91	33.72	0	915	26.34	8.82	0.007	12.08
4/4/2012 14:00	23626	12.76	234.5	19.19	22.47	9.83	258.7	1.467	18.89	67.22	68.79	28.99	26.43	0	979	26.33	8.83	0.006	12.15
4/4/2012 15:00	23627	13.12	252.3	22.68	27.84	9.93	262.7	1.448	22.47	70.55	72.05	22.78	20.86	0	975	26.31	8.83	0	12.03
4/4/2012 16:00	23628	14.4	282	16.9	26.05	12.08	266.3	0.893	24.26	73.45	74.46	15.42	14.51	0	904	26.29	8.83	0	12.49
4/4/2012 17:00	23629	14.38	294	17.98	27.84	11.52	267.9	0.563	24.26	74.35	75.39	13.97	13.14	0	766.5	26.26	8.83	0	12.07
4/4/2012 18:00	23630	12.91	295.2	18.63	26.05	10.86	268.5	0.223	20.68	75.64	76.27	13.36	12.82	0	579.2	26.24	8.83	0	12.13
4/4/2012 19:00	23631	10.02	301.4	19.38	18.89	8.44	268.2	0.434	17.1	76.4	76.51	12.03	11.92	0	362.4	26.23	8.83	0	16.6
4/4/2012 20:00	23632	8.67	291.3	13.27	18.89	6.882	264.3	2.024	15.31	75.35	74.97	12.09	12.33	0	135.8	26.22	8.83	0	12.08
4/4/2012 21:00	23633	5.067	269.5	29.33	9.95	1.859	256.2	2.232	6.368	70.42	67.47	15.54	17.29	0	2.272	26.21	8.83	0.002	11.95
4/4/2012 22:00	23634	1.403	196.6	10.84	4.578	1.704	247.5	0.627	2.789	65	61.71	19.25	21.4	0	0.003	26.19	8.83	-0.002	16.67
4/4/2012 23:00	23635	1.83	328.4	14.37	4.578	0.689	244.9	0.551	2.789	63.97	59.01	20.31	24.58	0	0.001	26.19	8.83	0	16.08
4/5/2012 0:00	23636	2.192	353.8	46.62	4.578	1.784	242.1	0.874	4.578	63.67	57.51	20.97	25.8	0	0	26.18	8.84	0.012	12.01
4/5/2012 1:00	23637	1.218	8.08	49.44	4.578	0.754	240.1	0.34	6.368	63.09	55.23	21.79	28.75	0	0	26.17	8.86	0.017	14.19
4/5/2012 2:00	23638	6.685	103.8	15.61	15.31	4.376	240.2	0.298	9.95	60.11	55.11	24.86	28.58	0	0	26.17	8.87	0.01	16.73
4/5/2012 3:00	23639	9.4	109.1	9.71	13.52	5.361	240.8	0.188	9.95	57.61	55.92	31.37	31.62	0	0.002	26.16	8.88	0.013	16.46
4/5/2012 4:00	23640	8.31	99.5	13.33	11.74	4.637	239.5	0.429	8.16	54.23	52.79	37.68	37.55	0	0.001	26.15	8.9	0.016	12.58
4/5/2012 5:00	23641	9.28	69.03	9.95	13.52	5.304	238.5	0.055	8.16	52.52	51.04	40.33	40.22	0	0	26.14	8.91	0.013	11.89
4/5/2012 6:00	23642	9.2	56.96	8.41	13.52	5.185	237.7	0.141	9.95	50.94	49.55	43.06	42.85	0	0	26.13	8.93	0.019	16.19
4/5/2012 7:00	23643	9.38	55.77	8.34	13.52	5.774	237.3	0.221	9.95	49.06	48.24	46.58	45.48	0	0	26.14	8.94	0.016	11.89
4/5/2012 8:00	23644	8.8	53.04	7.379	13.52	5.525	237.5	0.071	9.95	48	47.33	49.47	48.02	0	11.25	26.15	8.96	0.019	14.33
4/5/2012 9:00	23645	8.82	64.56	14.69	13.52	5.899	239.4	1.234	11.74	51.11	51.94	46.25	43.35	0	178.8	26.18	8.98	0.019	11.9
4/5/2012 10:00	23646	9.55	91.3	13.12	15.31	6.898	245.3	2.075	11.74	57.97	59.45	38.37	35.65	0	401.3	26.23	9	0.013	11.91
4/5/2012 11:00	23647	6.675	82.2	18.67	11.74	5.038	254.4	3.261	9.95	64.64	66.42	29.5	27.54	0	608.9	26.28	9.01	0.014	12.14
4/5/2012 12:00	23648	4.374	47.98	29.72	8.16	3.221	265.6	3.412	8.16	73.3	73.89	18.48	18.24	0	770.5	26.33	9.02	0.014	14.57
4/5/2012 13:00	23649	3.997	56.04	90.8	11.74	3.191	277.6	2.763	9.95	81.1	81	11.02	11.63	0	919	26.35	9.03	0.009	12.12
4/5/2012 14:00	23650	6.79	191.4	29.99	15.31	5.235	283.3	0.975	13.52	83.2	84.6	8.66	8.65	0	968	26.35	9.05	0.019	11.92
4/5/2012 15:00	23651	8.38	207.5	36.37	20.68	6.537	286.1	1.017	17.1	85.2	86.7	6.176	6.219	0	922	26.34	9.05	0	15.53
4/5/2012 16:00	23652	8.31	205.5	62.06	20.68	6.482	289.6	1.561	18.89	87.7	88.9	3.506	3.872	0	887	26.31	9.05	0	12.13
4/5/2012 17:00	23653	8.62	206.4	32.52	20.68	6.667	290.6	0.796	15.31	88.5	89.7	2.515	2.36	0	750.1	26.29	9.05	0	12.09
4/5/2012 18:00	23654	9.77	190.7	22.8	18.89	7.199	289.3	0.921	15.31	88.2	89.6	2.471	1.839	0	553.2	26.27	9.05	-0.003	12
4/5/2012 19:00	23655	7.782	187.5	21.12	17.1	5.678	286.5	1.458	15.31	88	88.7	2.469	1.823	0	346.9	26.26	9.04	-0.003	12.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/5/2012 20:00	23656	8.73	164.6	15.17	15.31	5.04	276.5	4.132	11.74	84.3	83.6	2.472	2.425	0	80.4	26.24	9.04	-0.006	12.07
4/5/2012 21:00	23657	8.91	130	6.452	11.74	3.898	262	3.644	6.368	76.41	72.79	6.443	8.43	0	2.832	26.22	9.04	-0.002	16.4
4/5/2012 22:00	23658	9.22	128.2	5.395	13.52	4.086	254.1	1.226	8.16	71.42	67.69	10.53	12.84	0	0.003	26.21	9.04	0.003	12.08
4/5/2012 23:00	23659	11.55	103.2	13.8	18.89	7.273	252.2	0.478	15.31	69.21	67.5	14.78	15.57	0	0.004	26.21	9.04	0	16.54
4/6/2012 0:00	23660	15.63	107.7	7.947	24.26	10.17	252.8	0.36	17.1	69.01	68.25	27.57	27.19	0	0.009	26.23	9.04	0	12.02
4/6/2012 1:00	23661	15.25	110.1	7.709	26.05	9.62	250.8	0.638	18.89	66.16	65.4	35.28	34.64	0	0.006	26.23	9.04	0	12.14
4/6/2012 2:00	23662	14.38	112.6	7.939	22.47	8.95	249	0.514	17.1	63.62	62.89	42.86	41.85	0	0.005	26.23	9.04	0	12.09
4/6/2012 3:00	23663	13.33	117.7	7.577	18.89	8.03	248.1	0.104	15.31	60.88	60.04	50.92	49.63	0	0.002	26.22	9.04	0	15.55
4/6/2012 4:00	23664	11.49	112.9	9.29	17.1	7.049	250.3	1.298	13.52	58.91	58.1	57.54	55.75	0	0	26.21	9.04	-0.002	16.34
4/6/2012 5:00	23665	9.71	97.5	9.43	18.89	6.501	256.4	2.244	11.74	57.05	56.43	62.89	60.52	0	0.001	26.2	9.04	0.007	14.8
4/6/2012 6:00	23666	9.85	67.53	12.07	15.31	6.213	265.3	5.242	11.74	54.29	53.97	67.67	64.46	0	0	26.2	9.06	0.013	15.9
4/6/2012 7:00	23667	10.81	62.53	8.01	15.31	7.053	281.1	4.066	11.74	51.5	51.2	71.64	68.14	0	0	26.2	9.07	0.01	11.93
4/6/2012 8:00	23668	11.77	62.89	7.443	17.1	7.67	293.2	3.407	13.52	50.2	49.92	74.1	70.41	0	7.511	26.2	9.08	0.013	11.92
4/6/2012 9:00	23669	13.22	70.6	10.78	22.47	8.57	282	8.93	17.1	52.49	53.02	73.14	68.27	0	144.7	26.22	9.1	0.016	15.91
4/6/2012 10:00	23670	13.2	97.3	14.3	22.47	9.15	259.5	3.383	17.1	60.03	61.36	63.63	58.62	0	390	26.26	9.11	0.016	12.05
4/6/2012 11:00	23671	13.07	131.4	14	20.68	8.95	259.2	1.724	17.1	66.47	68.71	55.36	50.12	0	591.2	26.32	9.13	0.014	15.92
4/6/2012 12:00	23672	11.41	158.2	19.46	20.68	7.982	266.2	2.155	15.31	72.1	74.65	47.12	42.61	0	769.3	26.36	9.14	0.011	16.58
4/6/2012 13:00	23673	10.83	177.3	20.67	17.1	7.864	274.2	2.211	15.31	78.11	80.5	33.62	30.6	0	891	26.37	9.15	0.008	16.62
4/6/2012 14:00	23674	8.37	197.2	31.3	17.1	6.665	280.7	1.704	13.52	82.7	84.2	21.08	19.71	0	984	26.37	9.15	0.006	12.06
4/6/2012 15:00	23675	7.383	215.6	49.22	17.1	5.835	286.7	1.587	15.31	86.2	87.2	12.23	11.88	0	958	26.37	9.15	-0.003	12.12
4/6/2012 16:00	23676	8.36	219	35.73	20.68	6.642	286.6	1.327	17.1	85.7	86.9	9.24	9.02	0	693.6	26.35	9.15	0	12.08
4/6/2012 17:00	23677	11.77	208.5	23.13	24.26	8.94	285.9	1.335	20.68	86.3	87.6	6.518	6.548	0	638.4	26.32	9.15	0	12.14
4/6/2012 18:00	23678	13.82	204.8	17.42	24.26	10.21	284.7	1.214	22.47	86.4	87.8	2.59	2.273	0	563.6	26.31	9.13	-0.016	12.12
4/6/2012 19:00	23679	14.9	211.2	13.64	26.05	10.88	278.9	1.933	20.68	84.9	85.3	2.442	1.792	0	236.1	26.29	9.11	-0.025	13.19
4/6/2012 20:00	23680	11.85	218.2	11.75	24.26	8.65	274	2.047	18.89	83.5	83.3	2.417	1.779	0	123.7	26.29	9.09	-0.015	12.07
4/6/2012 21:00	23681	7.897	190.8	9.24	11.74	3.676	262.8	4.481	8.16	77.7	73.97	2.358	3.48	0	6.021	26.28	9.09	-0.003	12.05
4/6/2012 22:00	23682	7.91	204.6	13.24	11.74	3.669	255.8	1.697	8.16	73.67	69.89	2.379	4.224	0	0.007	26.27	9.09	0.003	12.11
4/6/2012 23:00	23683	10.22	189	23.51	22.47	5.443	253.1	1.336	15.31	71.71	68.67	7.76	8.62	0	0.008	26.28	9.09	0	16.17
4/7/2012 0:00	23684	12.6	175.7	9.81	18.89	7.677	257.9	2.936	15.31	69.92	69.17	53.98	51.96	0	0.008	26.3	9.09	0	12.09
4/7/2012 1:00	23685	10.99	179.9	8.68	20.68	6.94	269.4	3.938	13.52	67.88	67.26	64.71	62.26	0	0.014	26.31	9.09	0	16.74
4/7/2012 2:00	23686	8.16	182.6	7.655	20.68	4.494	286	8.81	13.52	66.47	65.55	70.12	67.82	0	0.009	26.33	9.09	0	15.92
4/7/2012 3:00	23687	5.136	199.4	11.93	8.16	1.552	323.2	4.934	4.578	63.64	61.3	75.29	74.79	0	0.003	26.31	9.11	0.013	12
4/7/2012 4:00	23688	6.691	189.5	7.386	9.95	2.66	333.8	1.333	6.368	62.05	59.38	77.72	77.63	0	0.002	26.3	9.12	0.013	12.96
4/7/2012 5:00	23689	6.786	187.9	11.14	13.52	3.216	335	2.837	9.95	61.77	59.79	77.02	76.58	0	0.001	26.29	9.13	0.014	15.4
4/7/2012 6:00	23690	4.738	196.4	9.59	8.16	1.322	340.1	2.667	4.578	61.09	58.92	76.74	76.73	0	0.001	26.3	9.15	0.016	11.88
4/7/2012 7:00	23691	3.374	194	7.532	6.368	0.23	353.4	0.431	2.789	59.42	56.1	77.93	80.8	0	0.001	26.31	9.17	0.017	14.15
4/7/2012 8:00	23692	2.455	176.2	9.76	4.578	0.84	9.34	0.891	2.789	57.85	54	81.3	84.7	0	8.66	26.32	9.18	0.017	14.48
4/7/2012 9:00	23693	1.508	223.9	23.42	6.368	0.622	353	3.581	4.578	59.46	57.81	77.57	77.08	0	105.6	26.34	9.2	0.022	11.92
4/7/2012 10:00	23694	4.55	228	20.21	9.95	3.578	303.9	17.9	8.16	63.92	64	68.35	64.95	0	259.4	26.39	9.22	0.02	12.12
4/7/2012 11:00	23695	6.999	247.9	25.12	11.74	5.877	269.9	3.942	11.74	69.66	69.91	56.91	53.59	0	529.4	26.45	9.23	0.004	12.02
4/7/2012 12:00	23696	10.95	325.7	18.68	17.1	9.23	267.7	1.896	17.1	74.39	75.16	33.4	31.49	0	720.7	26.5	9.23	-0.001	12.21
4/7/2012 13:00	23697	13.8	0.155	15.75	27.84	10.57	272.3	0.803	22.47	77	77.94	21.28	20.12	0	728.5	26.53	9.23	0.006	12.11
4/7/2012 14:00	23698	19.49	23.34	10.71	31.42	13.2	270.2	1.739	31.42	75.5	76.34	17.07	16.15	0	699.7	26.54	9.23	0	12.03
4/7/2012 15:00	23699	18.88	25.75	11.9	31.42	12.62	268.6	0.826	26.05	74.16	75.24	32.12	29.77	0	880	26.54	9.23	0	14.12
4/7/2012 16:00	23700	16.35	33.95	13.43	26.05	10.05	266.8	0.757	20.68	74.05	74.85	33.26	31.25	0	416	26.53	9.23	-0.003	16.5

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/7/2012 17:00	23701	19.18	23.97	10.64	29.63	12.79	263.9	0.594	26.05	72.71	73.33	39.53	37.25	0	350.5	26.51	9.23	0	12.07
4/7/2012 18:00	23702	18.24	29.38	11.91	33.21	11.58	262.1	0.518	26.05	72.56	72.96	38.82	36.92	0	188.8	26.49	9.23	0	12.14
4/7/2012 19:00	23703	20.92	29.45	11.61	34.99	12.89	258.7	1.41	29.63	69.92	70.19	40.3	38.43	0	137.1	26.48	9.22	-0.012	12.02
4/7/2012 20:00	23704	20.64	31.99	11.08	34.99	12.19	255.1	1.089	27.84	67.3	67.42	39.83	38.15	0	77.18	26.49	9.22	0.002	12.61
4/7/2012 21:00	23705	20.27	49.06	10.61	33.21	12.01	250.8	1.103	24.26	63.85	63.82	39.19	37.71	0	2.633	26.51	9.21	-0.009	16.66
4/7/2012 22:00	23706	18.05	43.27	9.28	27.84	9.97	248.1	0.639	18.89	61.67	61.63	38.64	37.17	0	0.003	26.53	9.21	0	16.13
4/7/2012 23:00	23707	17.76	46.64	9.43	27.84	9.87	246.5	0.417	20.68	60.51	60.42	38.78	37.35	0	0.004	26.55	9.21	0	15.27
4/8/2012 0:00	23708	14.39	24.7	27.14	22.47	9.72	246	0.378	20.68	59.75	59.82	40.03	38.42	0	0.003	26.59	9.21	0	11.96
4/8/2012 1:00	23709	16.1	53.31	13.27	42.15	10	245.4	0.439	20.68	58.76	58.64	42.03	41.12	0	0.001	26.58	9.21	0	11.9
4/8/2012 2:00	23710	10.73	25.88	28.11	22.47	7.08	246.1	1.006	17.1	56.51	56.43	51	49.45	0	0.001	26.59	9.21	0.001	12.53
4/8/2012 3:00	23711	12.12	57.27	10.97	20.68	7.628	244.7	0.134	15.31	56.88	56.78	47.75	46.06	0	0.004	26.56	9.21	-0.003	11.94
4/8/2012 4:00	23712	10.37	51.87	19.34	17.1	6.396	244.5	0.307	13.52	56.58	56.38	49.17	47.37	0	0.002	26.56	9.22	0.009	14.98
4/8/2012 5:00	23713	8.92	41.87	12.28	13.52	5.138	244.8	0	11.74	54.88	54.61	53.31	51.29	0	0.001	26.55	9.24	0.017	16.55
4/8/2012 6:00	23714	8.34	4.065	9.62	15.31	5.697	247.3	0.949	11.74	51.44	51.22	58.37	55.92	0	0	26.55	9.25	0.011	14.72
4/8/2012 7:00	23715	11.49	12.53	9.48	17.1	8.83	242.9	0.994	15.31	50.03	50	53.92	51.49	0	0	26.53	9.26	0.019	16.54
4/8/2012 8:00	23716	12.54	17.7	8.7	18.89	9.4	241.9	0.232	17.1	49.15	49.09	54.49	51.97	0	13.59	26.54	9.28	0.013	12.01
4/8/2012 9:00	23717	11.98	25.21	11.87	18.89	8.04	242.5	0.808	15.31	51.72	51.94	53.16	50.3	0	102.4	26.56	9.29	0.016	11.97
4/8/2012 10:00	23718	12.86	54	10.26	20.68	8.06	245.9	0.75	15.31	55.22	55.68	55.66	52.26	0	139.1	26.59	9.29	-0.001	16.48
4/8/2012 11:00	23719	13.61	65.62	9.82	20.68	8.89	248.3	1.35	15.31	57.18	58.05	56.67	52.6	0	192.4	26.62	9.3	0.005	15.71
4/8/2012 12:00	23720	10.2	59.23	15.52	18.89	6.816	253.4	2.049	15.31	61.43	63.06	56.01	51.19	0	623.5	26.65	9.31	0.012	11.92
4/8/2012 13:00	23721	5.086	120.5	51.42	11.74	3.911	262.8	2.432	9.95	69.12	70.56	48.55	45.73	0	858	26.69	9.31	0.003	16.38
4/8/2012 14:00	23722	4.548	353.2	95.6	13.52	3.783	267.5	0.84	9.95	71.85	72.42	44.84	42.45	0	839	26.7	9.33	0.018	12.05
4/8/2012 15:00	23723	5.257	176.5	70.59	15.31	4.186	271.7	1.579	11.74	75.17	76.25	40.24	37.78	0	931	26.67	9.33	0.002	11.94
4/8/2012 16:00	23724	6.23	167.2	68	15.31	4.859	274.5	0.828	11.74	76.39	77.74	37.96	35.35	0	874	26.65	9.34	0.006	11.93
4/8/2012 17:00	23725	7.555	127.7	56.88	20.68	5.619	275.5	1.008	15.31	76.44	78.38	36.64	33.72	0	740.7	26.62	9.35	0.006	12.08
4/8/2012 18:00	23726	6.833	157.3	36.11	20.68	5.081	274.4	0.941	11.74	76.82	78.52	34.27	31.7	0	560.6	26.6	9.35	0.001	16.71
4/8/2012 19:00	23727	7.239	155.9	26.25	13.52	5.198	271.5	1.207	11.74	76.21	77.29	32.91	30.87	0	350.3	26.58	9.35	0	15.37
4/8/2012 20:00	23728	6.752	124.6	17.68	11.74	4.323	265.3	2.707	9.95	74.49	74.68	35.13	33.77	0	107	26.55	9.34	-0.003	16.51
4/8/2012 21:00	23729	7.216	125.3	7.408	11.74	3.484	256.9	1.929	6.368	70.1	68.54	41.32	41.12	0	3.748	26.52	9.35	0.002	15.71
4/8/2012 22:00	23730	7.77	136.9	8.79	11.74	3.878	256.6	1.346	6.368	66	64.63	54.75	53.58	0	0.009	26.51	9.35	0.001	12.54
4/8/2012 23:00	23731	7.711	141	8.09	9.95	3.993	267.7	5.774	6.368	63.11	61.93	63.7	61.94	0	0.004	26.5	9.35	0.006	15.97
4/9/2012 0:00	23732	8.54	142.6	6.723	11.74	4.679	294.5	8.1	8.16	60.96	59.96	70.5	68.24	0	0.002	26.49	9.36	0.01	16.44
4/9/2012 1:00	23733	7.296	135.9	8.47	15.31	3.477	328.5	8.84	6.368	59.19	57.92	76.31	74	0	0.001	26.49	9.38	0.017	13.02
4/9/2012 2:00	23734	7.712	146.1	7.599	11.74	4.054	342.8	1.059	6.368	58.46	57.51	80.4	77.62	0	0.002	26.48	9.4	0.019	16.57
4/9/2012 3:00	23735	7.453	146.1	6.604	9.95	3.866	348.8	2.374	8.16	58.73	57.76	81.5	78.82	0	0.002	26.47	9.41	0.014	16.53
4/9/2012 4:00	23736	5.983	162.8	15.91	9.95	2.494	356.9	2.178	6.368	57.32	56.11	84.2	81.5	0	0.003	26.46	9.43	0.015	11.98
4/9/2012 5:00	23737	2.822	92.9	50.12	6.368	1.717	6.861	1.794	4.578	56.52	55	85.9	83.3	0	0	26.44	9.44	0.008	14.42
4/9/2012 6:00	23738	3.687	84.8	9.9	6.368	2.394	10.47	0.861	4.578	56.45	54.67	86.7	84.1	0	0	26.43	9.44	0	12.1
4/9/2012 7:00	23739	4.35	83.1	11.47	6.368	2.557	10.39	0.546	4.578	56.73	54.7	86.1	83.9	0	0.001	26.42	9.44	0	12.18
4/9/2012 8:00	23740	5.925	66.69	9.64	8.16	3.362	10.39	0.309	4.578	56.14	54.24	86.6	84.5	0	8.09	26.42	9.44	0	12.09
4/9/2012 9:00	23741	6.015	77.18	13.32	8.16	3.71	8.29	3.943	6.368	57.01	56.67	84.6	81.4	0	131.4	26.43	9.44	-0.001	16.48
4/9/2012 10:00	23742	9.6	158.6	24.33	17.1	6.619	312.1	20.77	15.31	63.54	64.87	72.96	67.56	0	370.7	26.46	9.44	0.001	15.4
4/9/2012 11:00	23743	10.68	180.2	14.29	17.1	7.566	275.1	3.361	13.52	68.19	69.9	62.99	57.43	0	502.6	26.51	9.43	-0.003	15.24
4/9/2012 12:00	23744	9.19	178.8	17.91	15.31	6.743	270.5	0	13.52	71.61	73.53	57.19	52.03	0	625.9	26.54	9.43	0	12.11
4/9/2012 13:00	23745	8.54	167	24.96	18.89	6.289	272.6	1.464	15.31	74.65	76.84	51.27	46.71	0	765.6	26.55	9.44	0.002	13.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/9/2012 14:00	23746	10.2	165.3	21.36	17.1	7.347	276	1.006	17.1	77.08	79.75	47.15	42.51	0	860	26.54	9.43	0	16.13
4/9/2012 15:00	23747	12.01	153.3	19.08	22.47	8.19	280.1	0.934	17.1	79.78	82.9	41.15	36.81	0	850	26.53	9.43	0	13.87
4/9/2012 16:00	23748	13.31	167.1	29.09	24.26	9.34	282.3	0.674	18.89	81.8	84.6	35.21	31.55	0	749.8	26.5	9.43	0	14.48
4/9/2012 17:00	23749	11.41	169.1	21.92	22.47	7.987	283.3	1.275	17.1	82.6	85.1	34.86	31.42	0	662.3	26.48	9.43	0	11.93
4/9/2012 18:00	23750	11.28	159.3	16.45	24.26	7.466	277	1.935	15.31	80.5	82	36.88	34.18	0	251.3	26.45	9.44	0.001	12.33
4/9/2012 19:00	23751	11.24	159.6	10.71	18.89	7.002	270.7	1.793	13.52	78.63	79.02	40.99	39.02	0	59.21	26.42	9.43	-0.002	12.12
4/9/2012 20:00	23752	9.53	169.7	13.29	24.26	5.829	267.4	1.934	15.31	76.5	76.26	46.01	45.02	0	6.763	26.4	9.43	0	11.94
4/9/2012 21:00	23753	11.21	149.5	14.95	29.63	6.571	291.6	8.21	22.47	68.54	68.25	66.11	64.02	0	0.253	26.4	9.44	0.002	11.91
4/9/2012 22:00	23754	13.54	152.1	9.38	22.47	8.22	303	3.67	17.1	67.29	67.1	70.83	67.8	0	0.013	26.38	9.44	0.001	16.39
4/9/2012 23:00	23755	14.98	158.8	12.21	26.05	9.31	305.7	4.554	18.89	66.12	65.91	71.05	68.01	0	0.016	26.38	9.44	0	11.92
4/10/2012 0:00	23756	9.3	160.1	22.63	15.31	5.541	283.9	4.332	13.52	63.6	63.18	63.76	61.61	0	0.008	26.38	9.43	-0.003	11.93
4/10/2012 1:00	23757	7.194	138.5	18.9	15.31	3.983	285	5.231	9.95	62.67	61.94	64.65	62.72	0	0.003	26.38	9.43	0	11.93
4/10/2012 2:00	23758	5.628	117.4	43.46	20.68	2.908	279.3	2.83	15.31	62.29	61.17	62.59	61.56	0	0.002	26.39	9.43	0	16.37
4/10/2012 3:00	23759	5.816	134.9	55.04	13.52	3.152	295.7	6.318	8.16	60.1	57.9	67.19	67.25	0	0.001	26.38	9.43	0.001	15.99
4/10/2012 4:00	23760	8.84	111.9	8.33	13.52	5.025	308.3	11.62	9.95	59.49	58.47	71.62	69.58	0	0.002	26.36	9.43	0	11.96
4/10/2012 5:00	23761	5.695	95.5	19.85	9.95	2.705	346.4	4.197	6.368	57.47	56.1	80.2	77.96	0	0.001	26.36	9.44	0.001	11.99
4/10/2012 6:00	23762	7.292	75.44	7.741	11.74	3.834	353.1	0.974	8.16	56.83	55.58	79.73	77.82	0	0	26.35	9.44	0	16.59
4/10/2012 7:00	23763	8.56	79.33	7.175	13.52	4.575	355.2	0.401	8.16	56.26	55.14	78.55	76.52	0	0	26.36	9.44	0	15.17
4/10/2012 8:00	23764	8.27	79.28	8.38	13.52	4.496	357.5	1.397	8.16	54.97	54.15	80.8	77.73	0	16	26.37	9.44	0	16.41
4/10/2012 9:00	23765	6.146	91.2	14.32	11.74	3.999	342	10.22	8.16	57.94	59.22	81.6	75.15	0	178.6	26.39	9.43	-0.002	12.03
4/10/2012 10:00	23766	9.02	127.1	15.06	13.52	6.313	299	12.85	11.74	64.38	66.1	72.58	66.72	0	392	26.43	9.44	0.002	16.37
4/10/2012 11:00	23767	8.61	148.9	18.22	13.52	6.055	274.1	3.358	11.74	69.02	71.11	61.87	56.52	0	594.8	26.47	9.43	-0.003	12.22
4/10/2012 12:00	23768	6.722	167.4	29.77	13.52	5.069	271.9	1.265	11.74	74.08	75.86	49.81	46.18	0	774.3	26.51	9.43	0	12.11
4/10/2012 13:00	23769	5.68	183.6	36.28	13.52	4.417	277.5	1.775	11.74	78.84	80.3	39.83	37.3	0	903	26.52	9.43	0.002	16.66
4/10/2012 14:00	23770	7.096	148.4	34.49	17.1	5.317	281.8	0.86	15.31	81.7	83.7	30.49	28.45	0	902	26.52	9.43	0	12.12
4/10/2012 15:00	23771	9.64	142	32.62	20.68	6.984	284.2	1.054	15.31	82.6	85.5	28.74	26.12	0	971	26.5	9.43	0	15.32
4/10/2012 16:00	23772	10.69	147.7	28.78	33.21	7.547	286.6	0.963	27.84	83.8	86.7	27.99	25.33	0	907	26.48	9.43	0	14.61
4/10/2012 17:00	23773	10.56	150.5	23.91	22.47	7.454	287	2.185	17.1	84.1	86.7	25.43	23.18	0	714.6	26.45	9.43	0	12.1
4/10/2012 18:00	23774	12.17	160.2	21.69	24.26	8.35	283.6	2.989	17.1	83.5	85.5	24.05	22.19	0	482.9	26.43	9.43	0	16.7
4/10/2012 19:00	23775	11.21	159.7	14.12	24.26	7.348	277.7	2.298	18.89	82.1	83.3	25.19	23.78	0	241.6	26.41	9.43	-0.003	13.2
4/10/2012 20:00	23776	11.84	159.3	8.92	20.68	7.364	270.5	1.859	15.31	79.59	79.74	29.61	28.55	0	64.69	26.39	9.43	-0.002	16.25
4/10/2012 21:00	23777	11.84	156.6	7.935	20.68	7.239	264.5	1.618	17.1	75.93	75.66	37.73	36.65	0	2.578	26.39	9.43	-0.003	16.43
4/10/2012 22:00	23778	10.08	153.5	8.92	15.31	5.945	260.9	0.672	11.74	73.52	73.09	42.14	41.03	0	0.029	26.39	9.43	0.001	15.92
4/10/2012 23:00	23779	9.3	156	8.07	15.31	5.403	258.6	0.429	9.95	71.21	70.55	46.6	45.57	0	0.021	26.4	9.43	0.002	12.09
4/11/2012 0:00	23780	7.629	153.2	8.5	11.74	4.231	259.8	0.867	8.16	68.85	68.16	54.3	52.68	0	0.013	26.41	9.43	0	11.88
4/11/2012 1:00	23781	6.862	165	14.75	13.52	3.784	265.7	2.469	9.95	67.46	66.95	60.89	58.55	0	0.016	26.41	9.43	0	13.9
4/11/2012 2:00	23782	8.67	166.2	12.21	13.52	5.167	290.2	12.75	11.74	66.11	65.77	70.23	67	0	0.011	26.4	9.43	-0.003	15.31
4/11/2012 3:00	23783	6.487	143	16.44	9.95	3.284	329.5	8.2	6.368	63.34	62.49	77.02	74.09	0	0.006	26.38	9.43	0.003	16.47
4/11/2012 4:00	23784	7.42	124.6	10.26	11.74	3.788	342.5	1.67	8.16	61.48	60.52	79.96	77.33	0	0.002	26.36	9.43	0.003	12.14
4/11/2012 5:00	23785	6.335	122.6	9.92	11.74	3.155	346.9	1.011	8.16	59.91	58.85	80.6	78.43	0	0.001	26.35	9.43	0	11.88
4/11/2012 6:00	23786	5.686	108	13.97	9.95	2.982	349.2	0.442	6.368	58.88	57.92	78.97	76.88	0	0.001	26.35	9.43	0.001	15.82
4/11/2012 7:00	23787	3.767	96.3	42.18	8.16	2.227	350.2	1.049	6.368	58.38	57.59	77.91	75.65	0	0.001	26.37	9.43	0	11.91
4/11/2012 8:00	23788	2.68	79.75	15.89	4.578	0.995	342.4	1.13	4.578	59.48	58.67	74.39	72.47	0	9.42	26.39	9.43	0	13.74
4/11/2012 9:00	23789	5.895	73.69	14.31	11.74	3.771	314.7	16.6	8.16	60.38	60.8	71.95	68.36	0	163.8	26.38	9.43	-0.001	16.01
4/11/2012 10:00	23790	7.239	107.5	17.64	13.52	5.269	271.1	2.676	9.95	64.75	65.97	61.27	57.11	0	274.3	26.41	9.44	0.003	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/11/2012 11:00	23791	8.75	120.5	13.8	17.1	6.075	267.1	0.432	13.52	67.14	68.63	58.25	53.9	0	337.4	26.43	9.43	-0.002	16.23
4/11/2012 12:00	23792	12.57	101.5	14.81	22.47	8.64	266.9	0.436	17.1	69.44	71.13	55.63	51.13	0	464.4	26.43	9.43	-0.001	16.76
4/11/2012 13:00	23793	15.6	126	18.38	26.05	10.37	269.1	0.762	20.68	73.44	75.91	50.23	45.5	0	601	26.43	9.43	0	12.05
4/11/2012 14:00	23794	17.1	140.3	13.53	27.84	10.99	271.9	1.619	20.68	75.54	77.98	48.55	43.94	0	666.9	26.42	9.43	0	12.12
4/11/2012 15:00	23795	17.12	147.5	14.51	29.63	11.08	275.6	0.571	24.26	77.27	80.3	46.95	41.84	0	775.3	26.42	9.43	0.002	12.07
4/11/2012 16:00	23796	17.08	155.6	14.06	27.84	11.01	278.2	0.709	20.68	79.25	82.3	42.31	37.65	0	757.3	26.41	9.43	-0.003	16.71
4/11/2012 17:00	23797	16.4	148.8	13.96	27.84	10.84	277	1.698	20.68	78.94	81.3	40.26	36.4	0	571	26.38	9.43	0	14.71
4/11/2012 18:00	23798	17.06	146.9	11.13	24.26	10.82	272	2.071	18.89	76.87	78.33	45.84	42.46	0	276.4	26.35	9.41	-0.021	12.09
4/11/2012 19:00	23799	18.56	148.4	11.08	29.63	11.45	270.4	3.16	20.68	72.66	73.22	57.21	53.79	0	70.8	26.33	9.38	-0.028	11.96
4/11/2012 20:00	23800	16.94	141.7	9.35	26.05	10.43	276.3	0.742	18.89	69.3	69.48	64.44	61.08	0	16.64	26.29	9.38	-0.005	12.63
4/11/2012 21:00	23801	13.53	148.1	13.79	20.68	8.17	301.2	33.05	17.1	67.44	67.2	69.12	67.19	0.01	0.176	26.31	9.38	0.002	11.94
4/11/2012 22:00	23802	9.31	154.7	19.88	18.89	5.504	350.3	1.176	13.52	64.55	63.97	78.74	77.51	0	0.002	26.33	9.38	0	11.9
4/11/2012 23:00	23803	8.71	119.8	14.87	17.1	5.296	357.3	2.625	9.95	63.13	62.62	82.2	79.63	0	0.002	26.31	9.38	0	11.93
4/12/2012 0:00	23804	13.04	134.5	8.28	20.68	8.09	5.211	2.036	17.1	63.11	62.72	83.6	80.6	0	0.001	26.3	9.39	0.013	11.97
4/12/2012 1:00	23805	10.54	124.7	12.78	26.05	6.537	11.11	1.564	13.52	62.67	62.35	85	81.6	0	0.002	26.29	9.4	0.006	12.14
4/12/2012 2:00	23806	10.13	121.8	10.78	17.1	5.928	15.1	0.808	11.74	61.54	60.92	85.1	82.1	0	0.001	26.28	9.41	0.013	11.92
4/12/2012 3:00	23807	8.9	137.4	13.69	15.31	5.17	16.72	0.387	11.74	60.63	59.84	84.1	81.5	0	0	26.26	9.42	0.01	16.58
4/12/2012 4:00	23808	6.423	166	10.19	15.31	3.055	17.1	0	11.74	59.67	58.74	84.8	82	0	0.001	26.25	9.43	0.007	15.96
4/12/2012 5:00	23809	5.242	151.9	10.1	11.74	1.758	14.55	2.082	8.16	58.68	56.8	85	84.8	0	0	26.24	9.44	0.008	12.14
4/12/2012 6:00	23810	8.76	170.2	10.25	17.1	4.941	16.39	1.024	11.74	59.72	58.61	80.7	79.32	0	0.001	26.24	9.43	-0.001	12.02
4/12/2012 7:00	23811	11.22	167.9	7.703	17.1	6.612	16.65	0	13.52	59.37	58.63	82.9	80.3	0	0.001	26.23	9.43	-0.001	13.12
4/12/2012 8:00	23812	9.51	184.6	16.03	15.31	5.941	16.43	0.42	11.74	57.94	57.46	87.4	83.9	0	10.13	26.23	9.43	0	12.17
4/12/2012 9:00	23813	11.88	194.6	8.91	20.68	8.11	18.19	0.357	17.1	59.25	59.38	87.5	83.3	0	69.51	26.25	9.43	-0.001	12.05
4/12/2012 10:00	23814	16.09	201.8	9.19	24.26	11.39	11.33	7.793	18.89	61.31	61.92	84.9	79.88	0	255.4	26.27	9.44	0.003	11.95
4/12/2012 11:00	23815	14.42	214.8	10.74	20.68	10.84	328.9	13.06	18.89	64.99	66.22	77.36	71.3	0	586.4	26.3	9.41	-0.023	12.02
4/12/2012 12:00	23816	13.36	223.3	18.47	22.47	10.41	283.5	12.39	18.89	70.91	72.28	59.67	55.01	0	803	26.33	9.4	-0.008	12.05
4/12/2012 13:00	23817	13.25	240.5	16.18	22.47	10.57	270	1.081	20.68	75.97	77.07	36.58	34.25	0	891	26.35	9.4	-0.001	12.18
4/12/2012 14:00	23818	13.73	236.3	19.17	24.26	10.88	274.2	1.062	20.68	79.43	80.7	23.77	22.33	0	993	26.34	9.4	-0.004	11.97
4/12/2012 15:00	23819	16.47	235	15.07	27.84	12.76	276	0.773	22.47	80.7	82.2	16.98	15.97	0	993	26.32	9.36	-0.038	12.12
4/12/2012 16:00	23820	20.02	227.5	14.29	40.36	15.25	277.6	3.817	29.63	81.9	83.4	10.98	10.49	0	879	26.3	9.22	-0.143	14.79
4/12/2012 17:00	23821	21.11	225.9	12.34	36.78	15.86	276.2	0.944	31.42	81.8	83	9.09	8.88	0	621.9	26.27	9.15	-0.066	13.63
4/12/2012 18:00	23822	19.17	224.7	14.34	31.42	14.29	275.6	1.353	26.05	82.4	83.2	8.81	8.83	0	462	26.24	9.13	-0.025	12.08
4/12/2012 19:00	23823	17.6	230.2	11.43	26.05	13.16	274	1.103	20.68	82.4	82.7	6.987	7.368	0	235.9	26.23	9.1	-0.025	12.07
4/12/2012 20:00	23824	15.07	243.7	13.9	24.26	11.31	270.4	1.678	20.68	80.9	80.8	6.714	7.273	0	94.9	26.23	9.09	-0.012	12.05
4/12/2012 21:00	23825	9.17	260.9	11.75	20.68	6.652	264.2	2.027	15.31	76.91	76.35	9.99	10.61	0	6.384	26.22	9.08	-0.006	12.02
4/12/2012 22:00	23826	7.258	266.7	22.71	13.52	4.487	258.3	1.908	9.95	73.29	71.48	12.86	14.25	0	0.022	26.21	9.08	-0.001	11.9
4/12/2012 23:00	23827	7.047	224.9	81	15.31	3.934	253.8	2.074	11.74	70.69	68.46	15.7	17.27	0	0.014	26.22	9.08	0.001	11.9
4/13/2012 0:00	23828	5.947	178.3	23.6	11.74	1.739	250.3	2.024	4.578	66.59	62.93	38.02	34.72	0	0.004	26.23	9.08	0	11.86
4/13/2012 1:00	23829	5.676	208.7	24.29	13.52	2.5	319.1	20.83	9.95	64.79	62.99	71.21	67.57	0	0.001	26.22	9.08	0	13.22
4/13/2012 2:00	23830	7.847	204.4	14.7	15.31	4.942	348.2	8.88	11.74	64.94	64.51	80.2	76.08	0	0.006	26.23	9.08	0	11.9
4/13/2012 3:00	23831	6.42	178.3	9.96	9.95	2.752	14.43	4.176	6.368	62.28	60.79	87.4	84.1	0	0.001	26.22	9.08	0	16.58
4/13/2012 4:00	23832	6.322	162.1	11.14	9.95	2.512	13.89	3.365	6.368	61.23	59.99	91.2	88	0	0.009	26.19	9.1	0.013	16.03
4/13/2012 5:00	23833	3.324	201.6	28.5	6.368	0.595	7.184	0.25	2.789	59.65	57.56	93.6	90.5	0	0.021	26.19	9.11	0.013	11.99
4/13/2012 6:00	23834	2.408	228.7	28.02	6.368	0.348	7.644	0.193	4.578	58.25	55.87	94.4	92.7	0	0.023	26.19	9.12	0.014	16.21
4/13/2012 7:00	23835	3.223	266.1	33.85	8.16	1.618	9.6	0.677	4.578	56.95	56.15	94.7	96.8	0	0.026	26.19	9.14	0.016	12.16

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/13/2012 8:00	23836	2.569	244.5	24.73	4.578	1.431	12.84	1.192	4.578	59.32	59.34	95.2	99.9	0	11.31	26.22	9.15	0.015	12.06
4/13/2012 9:00	23837	4.353	222.2	15.74	9.95	3.252	16.33	0.667	8.16	60.94	61.09	95.4	99.9	0	69.29	26.24	9.16	0.008	15.21
4/13/2012 10:00	23838	5.595	227	24.99	9.95	4.338	15.1	1.832	8.16	62.01	62.38	95.5	99.9	0	143.8	26.26	9.18	0.016	13.07
4/13/2012 11:00	23839	4.351	200.1	34.24	9.95	3.382	320.9	29.57	9.95	68.31	68.19	80.6	96.6	0	567.1	26.29	9.18	0.001	12.22
4/13/2012 12:00	23840	5.996	233.4	38.87	13.52	4.959	274.5	1.771	11.74	74.74	75.27	46.38	45.54	0	773.9	26.33	9.18	0.002	16.74
4/13/2012 13:00	23841	7.264	254.3	41.08	17.1	5.78	276.6	1.287	15.31	78.75	79.57	23.7	22.62	0	911	26.33	9.18	-0.001	12.29
4/13/2012 14:00	23842	8.74	232.9	35.59	18.89	7.044	278.8	0.838	18.89	80.8	81.9	13.33	12.85	0	964	26.32	9.18	0	15.73
4/13/2012 15:00	23843	10.75	217.9	28.87	20.68	8.23	280.9	0.849	18.89	82.5	84.5	10.01	9.53	0	990	26.29	9.18	0	12.08
4/13/2012 16:00	23844	13.05	205.5	20.73	29.63	9.9	281.8	0.79	24.26	82.9	85.2	6.455	6.111	0	933	26.27	9.18	-0.003	16.48
4/13/2012 17:00	23845	15.7	215.3	14.5	29.63	11.91	279.8	1.316	27.84	82.4	84.3	2.578	2.297	0	682	26.24	9.15	-0.025	16.37
4/13/2012 18:00	23846	15.17	196.9	17.6	27.84	10.77	279.5	0.914	22.47	83	84.7	2.754	2.904	0	556.6	26.21	9.13	-0.019	12.04
4/13/2012 19:00	23847	15.01	196.1	17.11	24.26	10.37	279.7	12.04	18.89	83.1	84.2	4.711	4.991	0	363.1	26.19	9.1	-0.035	16.55
4/13/2012 20:00	23848	12.58	180.3	16.07	22.47	7.982	272.7	2.791	15.31	81.5	81.8	8.42	8.79	0	122.9	26.17	9.09	-0.012	12.06
4/13/2012 21:00	23849	9.41	154.7	8.24	13.52	4.889	262.8	2.302	9.95	76	74.67	13.72	14.61	0	2.901	26.14	9.08	-0.006	11.98
4/13/2012 22:00	23850	14.75	148.9	7.952	27.84	8.76	260.9	2.363	18.89	73.59	73.07	38.99	37.52	0	0.014	26.13	9.08	0.002	11.92
4/13/2012 23:00	23851	19.93	155.1	8.36	31.42	12.17	277	7.671	22.47	71.9	71.95	62.08	59.19	0	0.031	26.14	9.08	0	11.96
4/14/2012 0:00	23852	16.94	150.9	9.03	31.42	10.21	312	10.8	20.68	68.63	68.62	71.22	67.91	0	0.021	26.13	9.08	0.001	12.06
4/14/2012 1:00	23853	18.51	158	9.06	34.99	11.26	332.4	3.696	26.05	67.66	67.95	76.11	72.02	0	0.017	26.11	9.08	0	15.81
4/14/2012 2:00	23854	20.14	162	8.89	33.21	12.31	343.4	1.923	24.26	67.74	68.22	78.89	74.45	0	0.029	26.1	9.08	0	12.06
4/14/2012 3:00	23855	15.24	167.1	9.22	26.05	9.39	353	4.163	20.68	66.07	66.65	81	76.63	0	0.027	26.08	9.09	0.003	15.68
4/14/2012 4:00	23856	12.26	175.7	11.98	20.68	7.605	2.681	1.425	15.31	64.65	65.1	83	79.14	0	0.01	26.06	9.09	0.006	12.73
4/14/2012 5:00	23857	12.34	180.5	12.55	18.89	7.811	8.06	1.76	15.31	64.11	64.47	84	80.4	0	0.01	26.05	9.11	0.013	15.9
4/14/2012 6:00	23858	9.14	188.5	12.03	15.31	5.629	10.85	0.361	11.74	63.13	63.32	85.9	82.3	0	0.008	26.05	9.12	0.01	12.11
4/14/2012 7:00	23859	8.03	170.8	8.56	13.52	4.344	9.5	0.944	8.16	60.84	60.84	89.7	86.2	0	0.005	26.05	9.13	0.013	12.2
4/14/2012 8:00	23860	5.858	170.2	9.92	9.95	2.579	9.1	0.883	6.368	58.52	58.76	92.7	89.5	0	19.27	26.05	9.14	0.013	12.21
4/14/2012 9:00	23861	11.93	165.6	8.93	20.68	7.297	16.52	3.972	17.1	60.69	62.77	91.1	88.9	0	186.9	26.06	9.15	0.009	12.03
4/14/2012 10:00	23862	15.73	172.9	9.28	22.47	10.05	326.2	33.8	17.1	65.41	69.03	70.51	65.59	0	416.8	26.08	9.16	0.009	12.09
4/14/2012 11:00	23863	14.29	194.2	13.92	24.26	10.1	267.3	1.155	18.89	70.72	74.87	44.58	41.12	0	622.9	26.12	9.16	0	12.2
4/14/2012 12:00	23864	18.41	185.7	12.18	34.99	12.51	272	1.235	26.05	74.29	79.04	38.82	35.17	0	801	26.14	9.16	-0.001	12.07
4/14/2012 13:00	23865	23.26	205.6	12.89	38.57	16.63	275.5	1.206	33.21	78.75	82.4	17.06	15.87	0	924	26.13	9.11	-0.045	15.08
4/14/2012 14:00	23866	21.78	207.7	15.79	38.57	15.75	278.9	1.187	27.84	82.1	85.1	4.682	4.658	0	1002	26.12	9.08	-0.038	16.31
4/14/2012 15:00	23867	23.82	207.8	12.1	40.36	17.16	281.8	1.137	31.42	84.8	87.1	2.896	2.535	0	1002	26.09	9.01	-0.067	12.08
4/14/2012 16:00	23868	28.57	217.7	11.86	49.31	21.08	282.6	0.472	34.99	85.8	87.5	2.45	1.813	0	930	26.06	8.92	-0.092	12.06
4/14/2012 17:00	23869	28.03	214.8	10.59	45.73	20.39	283.6	0.508	38.57	86.6	88.1	2.458	1.82	0	781.9	26.03	8.85	-0.073	12.11
4/14/2012 18:00	23870	28.22	219.2	12.53	47.52	20.78	283.6	0.563	36.78	87.4	88.4	2.445	1.823	0	595.6	26	8.79	-0.057	16.51
4/14/2012 19:00	23871	26.47	223	10.06	43.94	19.72	281.6	0.768	33.21	87.1	87.4	2.449	1.821	0	369.2	25.99	8.74	-0.044	11.94
4/14/2012 20:00	23872	21.32	213.1	9.14	36.78	15.28	277.4	1.521	29.63	85.8	85.7	2.445	1.808	0	128.3	25.97	8.7	-0.044	15.95
4/14/2012 21:00	23873	14.52	240.2	30.65	27.84	10.53	270.8	2.223	22.47	81.8	81.2	3.313	2.982	0	6.111	25.97	8.65	-0.053	12.06
4/14/2012 22:00	23874	17.61	285.9	9.24	29.63	13.71	264.8	1.123	24.26	76.03	76	9.6	9.77	0	0.034	26.01	8.64	-0.009	11.95
4/14/2012 23:00	23875	18.31	291	9.65	34.99	14.44	259.6	1.853	29.63	71.53	71.54	12.83	12.71	0	0.029	26.06	8.62	-0.015	12.2
4/15/2012 0:00	23876	15.76	286.5	11.92	31.42	12.3	254.3	1.204	26.05	67.21	67.19	17.05	16.73	0	0.015	26.09	8.62	0.002	16.19
4/15/2012 1:00	23877	15.59	298.5	21.33	27.84	12.29	250.1	1.492	24.26	63.05	63.02	21.61	20.86	0	0.01	26.09	8.62	-0.003	11.96
4/15/2012 2:00	23878	17.93	318.2	9.21	27.84	14.55	245.1	1.194	24.26	57.09	57.1	29.23	27.96	0	0.002	26.08	8.62	-0.003	15.45
4/15/2012 3:00	23879	16.73	314.6	7.832	26.05	13.64	241.8	0.746	22.47	53.91	53.86	33.12	31.66	0	0.001	26.07	8.62	0.002	12.6
4/15/2012 4:00	23880	12.79	308.8	8.74	22.47	10.24	239.7	0.52	20.68	51.69	51.59	33.55	32.2	0	0	26.08	8.62	-0.003	12.12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
4/15/2012 5:00	23881	12.71	295.1	8.25	18.89	9.92	237.9	0.414	15.31	49.57	49.41	34.45	33.08	0	0	26.06	8.62	0	13.46	
4/15/2012 6:00	23882	8.24	295.6	7.661	17.1	5.42	236.4	0.63	15.31	48.35	47.08	34.81	34.71	0	0	26.09	8.62	0	13.52	
4/15/2012 7:00	23883	6.739	292.1	12.16	11.74	3.984	234.8	0.229	8.16	46.81	45.24	34.21	34.77	0	0	26.1	8.62	0.001	12.12	
4/15/2012 8:00	23884	5.332	299.5	12.94	9.95	2.987	234.2	0	6.368	45.26	44.39	32.94	32.99	0	26.93	26.11	8.63	0.008	14.54	
4/15/2012 9:00	23885	8.15	252.6	36.94	24.26	6.377	237.2	0.992	22.47	48.34	49.24	27.72	26.07	0	219.2	26.13	8.64	0.01	15.71	
4/15/2012 10:00	23886	17.81	288.8	10.03	26.05	14.45	240.7	1.157	22.47	52.37	53.01	21.72	20.54	0	460.9	26.17	8.64	0.003	11.9	
4/15/2012 11:00	23887	17.17	265.4	15.21	27.84	13.43	244.8	1.091	24.26	55.78	56.66	17.73	16.76	0	671.7	26.21	8.65	0.007	12.13	
4/15/2012 12:00	23888	18.23	252.8	14.54	31.42	14.3	248.1	0.784	27.84	58.54	59.57	14.55	13.78	0	856	26.24	8.65	0.003	11.89	
4/15/2012 13:00	23889	18.73	254.7	15.11	45.73	14.77	250.8	0.863	36.78	61.14	62.29	11.23	10.71	0	981	26.25	8.65	0	16.13	
4/15/2012 14:00	23890	21.85	266.5	14.6	38.57	17.06	252.8	0.452	31.42	62.99	64.45	9.29	8.8	0	1038	26.26	8.65	-0.002	15.5	
4/15/2012 15:00	23891	17.49	263.6	16.6	29.63	13.9	254.8	0.734	26.05	64.87	66.24	6.123	6.017	0	1032	26.26	8.64	-0.01	11.95	
4/15/2012 16:00	23892	18.37	274	16.46	33.21	14.69	256.8	0	27.84	66.29	67.57	5.458	5.392	0	949	26.25	8.63	-0.007	16.54	
4/15/2012 17:00	23893	15.54	268.7	17.18	27.84	12.26	258.3	0.487	22.47	67.97	69.08	5.961	5.919	0	802	26.25	8.62	-0.007	15.36	
4/15/2012 18:00	23894	14.97	262.5	17.82	27.84	11.87	259	0.371	24.26	69.22	69.95	5.591	5.763	0	611.7	26.25	8.61	-0.013	11.92	
4/15/2012 19:00	23895	12.22	259.4	18.35	33.21	9.9	258.8	0	26.05	69.89	70.15	4.6	5.032	0	392.5	26.26	8.6	-0.009	11.92	
4/15/2012 20:00	23896	9.3	256.8	16.5	18.89	7.265	256	1.134	15.31	69.18	69.25	4.261	4.846	0	164.4	26.26	8.6	-0.005	16.53	
4/15/2012 21:00	23897	6.006	244.7	10.58	9.95	3.096	251.1	1.891	8.16	65.16	63.52	5.965	7.385	0	9.02	26.26	8.6	-0.002	11.89	
4/15/2012 22:00	23898	4.116	219.5	17.45	8.16	0.919	243.8	0.846	4.578	60.25	56.67	8.12	10.39	0	0.001	26.26	8.6	0.001	11.96	
4/15/2012 23:00	23899	5.603	256.4	38.97	17.1	2.502	239.6	0.433	13.52	56.38	53.46	11.27	13.3	0	0.001	26.26	8.6	0.002	12.24	
4/16/2012 0:00	23900	5.141	294.5	21.74	9.95	1.966	239	0.619	6.368	56.84	52.83	13.18	15.85	0	0.001	26.27	8.6	0	11.89	
4/16/2012 1:00	23901	5.914	316.1	9.38	9.95	2.126	237.5	0.372	6.368	55.9	51.1	15.08	18.31	0	0	26.26	8.6	0	11.9	
4/16/2012 2:00	23902	8.29	326.3	8.82	11.74	5.386	238.4	0.273	8.16	55.16	53.22	15.78	17.1	0	0	26.27	8.6	0.003	15.39	
4/16/2012 3:00	23903	6.179	330	17.78	9.95	3.076	237.7	0.648	6.368	53.55	50.77	18.56	20.28	0	0	26.28	8.61	0.013	16.55	
4/16/2012 4:00	23904	4.745	346.9	28.59	13.52	2.821	235.1	0.622	11.74	51.47	46.93	22.65	24.93	0	0	26.28	8.62	0.01	16.24	
4/16/2012 5:00	23905	11.36	3.704	9.44	18.89	8.18	236.3	0.381	15.31	50.09	49.83	33.77	32.16	0	0	26.28	8.64	0.016	12.27	
4/16/2012 6:00	23906	12.17	4.005	8.9	18.89	8.72	237.1	0.383	17.1	47.59	47.52	48.19	45.78	0	0	26.3	8.65	0.009	16.46	
4/16/2012 7:00	23907	11.66	20.31	11.56	18.89	8.21	237.8	0.064	17.1	45.44	45.37	52.67	50.07	0	0	26.31	8.67	0.016	12.22	
4/16/2012 8:00	23908	11.82	27.85	10.31	18.89	6.897	238.3	0.297	17.1	44.86	44.67	54.28	51.64	0	28.82	26.33	8.68	0.013	11.92	
4/16/2012 9:00	23909	7.266	20.98	15.05	13.52	4.846	239.2	0.717	11.74	48.7	49.58	51.15	47.48	0	221.8	26.37	8.69	0.008	16.6	
4/16/2012 10:00	23910	10.29	61.71	15.52	17.1	6.615	243.2	1.732	13.52	54.99	56.5	43.2	39.86	0	448	26.42	8.7	0.014	16.07	
4/16/2012 11:00	23911	10.83	80.7	15.32	17.1	7.441	249.8	9.95	13.52	60.23	62.44	36.76	33.46	0	651.2	26.48	8.71	0.008	16.39	
4/16/2012 12:00	23912	7.554	95.2	27.13	15.31	5.536	99.2	53.51	15.31	66.34	68.55	27.98	25.91	0	829	26.52	8.72	0.01	13.23	
4/16/2012 13:00	23913	5.045	30.07	57.05	13.52	3.84	22.26	54.73	11.74	71.38	72.29	19.68	18.84	0	945	26.54	8.73	0.009	16.44	
4/16/2012 14:00	23914	6.068	357.8	73.31	11.74	4.914	350.2	72.58	11.74	73.78	74.51	15.97	15.3	0	1021	26.54	8.73	0.002	12.03	
4/16/2012 15:00	23915	9.21	235.7	40.92	20.68	7.375	234.4	41.43	18.89	73.84	75.09	12.66	11.88	0	1017	26.52	8.73	0.003	12.03	
4/16/2012 16:00	23916	9.05	255.5	53.48	33.21	7.481	255.9	59.5	27.84	75.03	76.01	9.91	9.47	0	927	26.5	8.73	0	13.76	
4/16/2012 17:00	23917	9.2	240.3	40.21	27.84	7.419	240.2	41.32	24.26	73.97	74.74	8.2	8.07	0	446	26.48	8.74	0.001	11.91	
4/16/2012 18:00	23918	8.27	265.2	32.17	22.47	6.78	265.9	38.71	20.68	74.45	74.7	6.856	7.098	0	479.6	26.46	8.73	-0.003	14.63	
4/16/2012 19:00	23919	8.61	253	36.21	15.31	6.91	251.2	38.12	13.52	74.63	74.9	5.395	5.776	0	376.9	26.46	8.73	-0.003	13.08	
4/16/2012 20:00	23920	9	295.3	20.71	17.1	7.21	296.6	23.13	15.31	73.16	73.29	5.44	5.889	0	167	26.46	8.72	-0.01	11.98	
4/16/2012 21:00	23921	4.097	318.1	20.21	11.74	2.034	313	19.64	8.16	69.43	67.34	7.016	8.99	0	9.39	26.44	8.72	0.002	13.23	
4/16/2012 22:00	23922	3.458	16.81	7.226	8.16	1.5	41.29	13.68	6.368	65.93	63.05	7.677	10.09	0	0.005	26.43	8.72	0.001	11.95	
4/16/2012 23:00	23923	5.764	36.06	14.08	13.52	2.722	47.21	13.12	9.95	64.14	61.35	8.64	10.72	0	0.004	26.43	8.72	0	11.94	
4/17/2012 0:00	23924	9.85	96.5	15.12	15.31	5.696	93.2	22.35	9.95	57.7	56.58	30.03	29.01	0	0.001	26.44	8.72	-0.002	15.88	
4/17/2012 1:00	23925	10.84	111.5	8.9	24.26	6.217	110.4	18.6	13.52	56.97	55.98	43.4	42.45	0	0.001	26.44	8.73	0.004	11.94	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/17/2012 2:00	23926	10.81	91.3	21.16	17.1	6.573	90.8	26.95	15.31	55.87	55.26	47.52	46.11	0	0.001	26.46	8.73	0.006	16.55
4/17/2012 3:00	23927	11.83	105	13.07	20.68	7.128	105.2	21.68	13.52	53.53	52.8	53.76	51.94	0	0	26.46	8.74	0.01	11.96
4/17/2012 4:00	23928	8.1	100.8	11.24	13.52	4.701	98.9	18.87	9.95	50.73	49.85	58.48	56.6	0	0	26.45	8.75	0.013	11.96
4/17/2012 5:00	23929	9.5	115.7	8.12	15.31	5.293	115.6	17.69	9.95	50.28	49.34	62.49	60.49	0	0	26.44	8.77	0.013	11.9
4/17/2012 6:00	23930	9.3	116.2	7.469	15.31	5.175	115.8	17.5	9.95	49.17	48.21	66.83	64.6	0	0	26.43	8.78	0.013	12.08
4/17/2012 7:00	23931	9.58	121.6	8.63	15.31	5.324	123.3	17.64	9.95	48.93	48.1	69.95	67.45	0	0.001	26.44	8.8	0.016	12.89
4/17/2012 8:00	23932	6.985	127.9	7.653	11.74	3.523	126.5	16.28	8.16	47.82	46.97	72.49	69.99	0	29.48	26.45	8.81	0.016	15.04
4/17/2012 9:00	23933	9.27	147.1	12.1	15.31	5.852	149.9	18.6	11.74	52.54	53.67	64.6	60.07	0	218.1	26.48	8.82	0.006	11.89
4/17/2012 10:00	23934	11.99	171.2	12.18	18.89	7.87	176	18.37	15.31	59.58	61.32	49.14	45.26	0	442	26.52	8.82	0.007	16.3
4/17/2012 11:00	23935	16.18	180.3	11.72	24.26	10.77	184.7	16.83	20.68	64.77	66.79	36.22	33.14	0	645.6	26.57	8.84	0.011	11.91
4/17/2012 12:00	23936	14.6	176.2	13.07	24.26	9.84	180.6	18.17	18.89	68.69	71.23	30.47	27.53	0	827	26.61	8.84	0.002	16.08
4/17/2012 13:00	23937	14.47	196.1	15.13	24.26	10.52	200.5	18.18	22.47	72.45	74.96	24.24	21.85	0	951	26.62	8.84	0	11.97
4/17/2012 14:00	23938	13.08	184.9	20.14	24.26	9.3	189.7	24.13	18.89	75.93	78.64	15.38	14	0	1012	26.61	8.84	0.002	12.27
4/17/2012 15:00	23939	14.15	160.1	22.06	27.84	9.57	163.5	28.34	20.68	77.33	80.5	9.84	8.92	0	1005	26.59	8.84	0	12.18
4/17/2012 16:00	23940	13.47	173.5	20.43	27.84	9.24	177	25.43	20.68	78.02	80.9	8.45	7.722	0	934	26.57	8.84	0	12.05
4/17/2012 17:00	23941	13.88	173	23.32	27.84	9.49	177	28.76	24.26	78.59	81.2	8.67	7.972	0	792.6	26.54	8.84	-0.003	11.93
4/17/2012 18:00	23942	14.83	181.9	17.8	27.84	10.22	186.7	21.95	22.47	78.89	80.9	8.89	8.34	0	605.2	26.51	8.82	-0.012	12.12
4/17/2012 19:00	23943	16.31	166.7	14.66	29.63	10.47	172	20.04	20.68	78.41	79.74	8.88	8.63	0	387.6	26.49	8.81	-0.012	16.57
4/17/2012 20:00	23944	16.07	162.1	10.09	24.26	9.73	165.7	16.82	18.89	76.88	77.41	9.12	9.22	0	164.5	26.47	8.79	-0.025	15.88
4/17/2012 21:00	23945	11.17	150.5	8.42	22.47	6.221	151.8	15.64	15.31	72.34	71.28	11.74	12.4	0	9.31	26.45	8.78	-0.009	12.09
4/17/2012 22:00	23946	8.67	132.8	6.452	11.74	3.853	129.6	15.42	8.16	65.86	63.28	17.24	18.57	0	0.008	26.43	8.78	0.002	12.06
4/17/2012 23:00	23947	10.64	137.2	7.938	17.1	5.849	137.9	15.7	11.74	64.57	62.85	20.56	21.16	0	0.005	26.42	8.78	0	13.54
4/18/2012 0:00	23948	11.17	145	8.83	17.1	6.333	146.2	15.1	11.74	63.51	62.38	23.93	24.03	0	0.005	26.41	8.78	0	16.36
4/18/2012 1:00	23949	8.95	148.7	7.261	18.89	4.485	147.6	15.55	9.95	61.06	59.5	27.1	27.49	0	0.005	26.41	8.78	0	12.07
4/18/2012 2:00	23950	8.37	155	9.01	13.52	3.977	154.6	17.38	8.16	58.75	56.56	30.33	31.22	0	0.001	26.39	8.78	-0.001	11.92
4/18/2012 3:00	23951	8.77	156.9	7.4	13.52	4.501	158	14.43	8.16	59.93	58.1	30.62	31.18	0	0.001	26.38	8.78	0.003	12.02
4/18/2012 4:00	23952	8.33	154.1	6.832	11.74	3.948	153.5	14.28	8.16	57.9	55.96	34.73	35.33	0	0.001	26.37	8.79	0.013	16.01
4/18/2012 5:00	23953	6.705	153.4	6.651	9.95	2.171	148.7	13.73	4.578	55.37	52.27	39.1	40.99	0	0.001	26.35	8.81	0.013	16.54
4/18/2012 6:00	23954	5.245	164.7	8.06	8.16	0.962	172.3	9.02	2.789	53.52	50.35	42.31	44.4	0	0	26.34	8.82	0.013	15.31
4/18/2012 7:00	23955	6.992	162.7	7.162	13.52	2.683	168.2	12.89	9.95	53.04	50.08	45.29	47.03	0	0.003	26.33	8.83	0.013	12.05
4/18/2012 8:00	23956	11.67	164.4	8.63	17.1	6.766	167.9	16.09	13.52	56.33	55.42	48.33	47.3	0	31.34	26.34	8.84	0.01	11.93
4/18/2012 9:00	23957	15.35	170.2	8.94	24.26	9.49	174.3	15.73	18.89	59.63	60.42	50.88	47.73	0	219.6	26.38	8.86	0.017	16.59
4/18/2012 10:00	23958	17.31	173.7	10.89	26.05	10.97	178.1	17.05	18.89	64.28	65.72	46.11	42.67	0	438.8	26.42	8.87	0.005	11.97
4/18/2012 11:00	23959	15.9	184	11.35	22.47	10.62	188.5	16.53	18.89	69.19	71.18	37.05	33.96	0	641.5	26.45	8.87	0.007	11.96
4/18/2012 12:00	23960	14.25	186.7	12.8	22.47	9.99	192	17.35	17.1	73.87	76.32	29.44	26.68	0	823	26.47	8.88	0.012	12.07
4/18/2012 13:00	23961	12.96	190.8	14.41	22.47	9.34	194.1	18.82	17.1	78.49	81	23.43	21.23	0	944	26.48	8.88	-0.001	12.08
4/18/2012 14:00	23962	14.47	192.3	18.12	26.05	10.34	195.4	20.84	20.68	82	84.7	18.06	16.3	0	1000	26.48	8.88	0	12.11
4/18/2012 15:00	23963	13.39	203.3	17.83	24.26	9.95	206.5	19.53	20.68	84.8	87	13.91	12.75	0	991	26.46	8.88	0	15.8
4/18/2012 16:00	23964	12.6	190.3	23.15	22.47	9.12	193.8	24.95	17.1	86.5	89.1	12.23	11.17	0	914	26.44	8.88	0	16.57
4/18/2012 17:00	23965	15.67	203.1	16.57	31.42	11.35	206.2	18.45	27.84	87.4	89.4	10.1	9.44	0	773.9	26.4	8.88	-0.003	12.17
4/18/2012 18:00	23966	14.84	199.5	14.26	33.21	10.55	202.7	17.11	29.63	88.6	90.2	7.258	7.125	0	587.1	26.37	8.85	-0.025	12.04
4/18/2012 19:00	23967	13.87	208.1	13.53	26.05	10.11	210.7	15.4	22.47	88.7	89.4	5.33	5.617	0	369.4	26.34	8.83	-0.025	12.06
4/18/2012 20:00	23968	17.05	180	17.39	29.63	10.75	183.6	21.1	20.68	86.1	86.4	9.89	10.03	0	148.2	26.32	8.81	-0.022	14.84
4/18/2012 21:00	23969	15.68	162.8	8.15	26.05	9.4	166.3	15.54	20.68	80.4	79.8	16.97	17.11	0	8.87	26.3	8.8	-0.009	12.31
4/18/2012 22:00	23970	13.84	167.1	8.31	24.26	7.971	170.5	15.5	17.1	76.55	75.71	21.8	21.85	0	0.028	26.28	8.79	-0.009	11.9

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/18/2012 23:00	23971	13.86	165.6	8.48	22.47	8.14	169.1	15.73	17.1	73.6	72.83	28.08	27.76	0	0.029	26.28	8.79	-0.001	11.96
4/19/2012 0:00	23972	13.74	173.4	8.59	22.47	8.29	177.3	15.29	17.1	70.92	70.21	34.6	33.99	0	0.022	26.28	8.79	0.001	11.96
4/19/2012 1:00	23973	12.29	176.3	8.84	26.05	7.348	180.6	15.41	22.47	68.4	67.63	39.25	38.57	0	0.016	26.27	8.79	0	14.84
4/19/2012 2:00	23974	11.75	172.8	8.75	18.89	6.956	177	15.45	13.52	66.45	65.6	41.08	40.44	0	0.012	26.25	8.79	0	11.95
4/19/2012 3:00	23975	10.62	180.7	9.96	17.1	6.248	186	16.2	13.52	64.78	63.89	43.18	42.5	0	0.006	26.23	8.79	0	16.5
4/19/2012 4:00	23976	7.956	198.4	14.91	15.31	4.709	202.2	17.28	9.95	63.03	61.88	45.63	45.2	0	0.003	26.21	8.79	0	13.25
4/19/2012 5:00	23977	6.496	194.8	7.306	9.95	3.078	197.7	13.33	6.368	60.42	57.99	49.23	50.39	0	0.001	26.19	8.79	0.001	16.45
4/19/2012 6:00	23978	4.951	228.7	26.76	9.95	2.038	240.7	35.07	6.368	57.84	55.17	53.27	54.66	0	0.001	26.17	8.8	0.011	12.23
4/19/2012 7:00	23979	4.461	248	15.34	8.16	1.53	279.7	22.07	6.368	56.88	52.95	55.03	58.31	0	0.001	26.17	8.81	0.01	15.87
4/19/2012 8:00	23980	3.875	260.5	23.2	8.16	1.752	303.4	13.5	6.368	56.24	52.85	56.3	58.74	0	32.54	26.17	8.82	0.013	11.93
4/19/2012 9:00	23981	5.176	248.7	17.28	11.74	3.963	248.8	17.75	8.16	59.48	59.86	51.99	49.32	0	221.7	26.2	8.83	0.008	12.05
4/19/2012 10:00	23982	7.261	226.5	13.76	11.74	5.891	227.7	15.6	9.95	65.87	66.56	41.61	39.4	0	443.7	26.25	8.84	0.005	16.25
4/19/2012 11:00	23983	7.869	261.5	24.88	15.31	6.602	261.6	27.12	11.74	74.79	75.04	26.15	25.3	0	648.2	26.31	8.84	0.003	12.52
4/19/2012 12:00	23984	8.03	283.7	28.4	18.89	6.244	281.4	33.63	15.31	83.9	84.4	7.566	7.856	0	828	26.34	8.85	0.008	16.41
4/19/2012 13:00	23985	13.7	288.3	19.49	27.84	10.98	288.5	23.9	20.68	85.5	86.5	2.442	1.859	0	957	26.35	8.85	0	12.04
4/19/2012 14:00	23986	14.08	287.5	17.21	27.84	11.48	288.5	20.67	22.47	86.1	87.1	2.438	1.904	0	807	26.34	8.85	0	12.21
4/19/2012 15:00	23987	15	278.5	13.76	26.05	11.87	279	16.84	20.68	85.1	85.9	2.444	2.174	0	556.1	26.31	8.85	0	12.12
4/19/2012 16:00	23988	13.44	253.3	18.55	26.05	10.88	251.9	20.74	20.68	87.6	88.3	2.465	1.836	0	862	26.28	8.85	-0.003	12.04
4/19/2012 17:00	23989	18.26	251.7	15.3	33.21	14.58	252	17.07	27.84	87.4	87.9	2.453	1.83	0	461.8	26.26	8.82	-0.025	12.09
4/19/2012 18:00	23990	16.97	252.7	13.45	29.63	13.5	251.5	14.32	26.05	86.3	86.6	2.452	1.818	0	383	26.24	8.79	-0.025	12.37
4/19/2012 19:00	23991	13.46	253.2	11.14	22.47	10.67	253.2	12.23	20.68	84.9	84.9	2.434	1.8	0	139.4	26.22	8.77	-0.024	12.06
4/19/2012 20:00	23992	10.34	257.5	15.03	20.68	8.11	257.4	16.62	17.1	84.9	84.7	2.435	1.802	0	170.8	26.21	8.75	-0.016	12.29
4/19/2012 21:00	23993	10.99	27.04	37.79	24.26	6.744	25.5	36.05	20.68	78.67	78.16	10.32	10.32	0	12.54	26.21	8.75	-0.009	12.12
4/19/2012 22:00	23994	10.7	61.09	8.56	15.31	6.569	60.34	14.83	11.74	71.33	70.42	18.45	18.66	0	0.012	26.2	8.74	-0.002	14.4
4/19/2012 23:00	23995	11.83	43.17	11.08	18.89	6.682	40.46	14.91	13.52	68.22	67.8	29.05	28.15	0	0.008	26.2	8.75	0.005	11.94
4/20/2012 0:00	23996	9.94	37.76	14.33	15.31	5.549	37.07	16.3	13.52	64.7	64.36	40.78	39.23	0	0.005	26.21	8.74	-0.003	12.21
4/20/2012 1:00	23997	14.53	45.16	10.63	24.26	8.31	42.5	14.4	18.89	64.34	64.03	46.6	45.07	0	0.004	26.21	8.74	0	12.14
4/20/2012 2:00	23998	14.53	47.41	10.08	26.05	8.26	43.47	15.02	17.1	63.52	63.34	44.54	43.08	0	0.003	26.23	8.74	0	16.6
4/20/2012 3:00	23999	14.1	48.58	11.34	22.47	8.22	45.35	15.66	17.1	63.69	63.56	43.71	42.14	0	0.006	26.24	8.74	0	11.91
4/20/2012 4:00	24000	14.25	54.57	13.2	22.47	8.66	51.17	17.8	18.89	63.04	62.97	50.04	47.94	0	0.009	26.25	8.74	0	12.03
4/20/2012 5:00	24001	11.16	62.95	14.43	18.89	7.089	60.21	18.82	15.31	62.26	62.06	51.36	49.7	0	0.005	26.25	8.75	0.006	11.91
4/20/2012 6:00	24002	9.59	7.763	22.11	27.84	6.636	6.12	21.62	20.68	59.99	59.86	55.25	52.77	0	0.003	26.27	8.76	0.006	11.92
4/20/2012 7:00	24003	12.56	354.6	9.43	18.89	9.15	353	11.21	17.1	55.06	55.08	64.6	61.03	0	0.002	26.29	8.77	0.011	16.37
4/20/2012 8:00	24004	13.08	7.938	10.86	24.26	9.69	8.4	12.72	20.68	53.69	53.78	67.84	63.97	0	32.17	26.29	8.78	0.011	12.16
4/20/2012 9:00	24005	20.41	15.46	9.87	33.21	15.14	15.58	11.74	29.63	55.75	56.18	63.17	59.14	0	220.4	26.32	8.8	0.018	11.96
4/20/2012 10:00	24006	20.65	24.56	10.75	33.21	13.5	23.61	12.76	29.63	59.37	59.96	56.14	52.53	0	441.3	26.37	8.8	-0.001	14.95
4/20/2012 11:00	24007	19.12	27.03	12.7	31.42	12.45	25.93	14.3	29.63	63.13	63.82	44.86	42.11	0	645.3	26.42	8.8	0.006	12.11
4/20/2012 12:00	24008	17.47	32.18	14.1	29.63	10.76	31.02	15.19	24.26	65.8	66.98	41.59	38.5	0	823	26.47	8.81	0.004	16.53
4/20/2012 13:00	24009	15	34.71	17.77	26.05	9.63	32.02	19.05	20.68	68.66	70.17	38.22	35.13	0	942	26.49	8.81	-0.001	15.76
4/20/2012 14:00	24010	13.49	29.75	23.34	29.63	9.07	29.13	24.38	18.89	71.4	73.07	30.94	28.3	0	1003	26.5	8.81	0	16.58
4/20/2012 15:00	24011	12.62	28.13	28.7	24.26	8.79	25.7	30.04	20.68	73.16	74.99	26.59	24.15	0	1041	26.51	8.8	-0.001	16.57
4/20/2012 16:00	24012	11.05	31.62	33.53	22.47	7.83	29.39	34.66	18.89	74.8	76.35	22.75	20.96	0	871	26.51	8.8	0	12.07
4/20/2012 17:00	24013	10.89	28.8	23.89	22.47	7.426	26.56	27.29	20.68	75.1	76.35	20.49	19.05	0	736.4	26.48	8.8	0	11.99
4/20/2012 18:00	24014	10.99	13.2	25.51	22.47	8.09	12.85	26.8	20.68	75.39	76.25	20.55	19.24	0	612	26.46	8.81	0	12.5
4/20/2012 19:00	24015	10.74	10.12	20.72	20.68	7.833	9.1	21.76	17.1	74.75	75.34	20.68	19.57	0	382	26.45	8.8	-0.003	12.05

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/20/2012 20:00	24016	10.97	10.25	15.03	18.89	8.24	9.64	16.4	15.31	73.78	74.22	20.69	19.79	0	165	26.45	8.8	-0.006	12.08
4/20/2012 21:00	24017	7.624	23.84	10.85	13.52	5.032	24.2	12.31	13.52	70.87	70.71	22.18	21.69	0	10.9	26.43	8.79	-0.006	12.09
4/20/2012 22:00	24018	6.078	51.01	11.24	9.95	3.21	56.74	18.83	6.368	66.61	65.13	25.97	26.47	0	0.006	26.43	8.79	0.002	11.91
4/20/2012 23:00	24019	8.77	73.74	10.45	13.52	4.648	73.78	17.97	9.95	63.22	61.1	30.19	31.02	0	0.003	26.41	8.79	0	15.83
4/21/2012 0:00	24020	7.046	72.07	11.73	13.52	3.714	66.68	18.19	9.95	60.11	58.67	34.2	34.29	0	0.001	26.41	8.79	0	12.85
4/21/2012 1:00	24021	6.872	80	5.961	13.52	2.966	81.1	17.05	6.368	58.33	55.66	36.44	38	0	0	26.4	8.79	0.002	11.93
4/21/2012 2:00	24022	8.93	83.9	6.564	13.52	4.421	83.8	17.38	8.16	56.9	55.28	38.73	38.9	0	0	26.38	8.8	0.001	11.93
4/21/2012 3:00	24023	8.46	88.3	7.683	13.52	4.713	87.4	16.05	8.16	54.51	53.39	42.77	42.17	0	0	26.38	8.8	0.003	15.94
4/21/2012 4:00	24024	8.57	100.9	9.6	13.52	5.3	98.6	18.69	9.95	53.05	52.25	50.29	48.8	0	0	26.36	8.8	0.006	15.12
4/21/2012 5:00	24025	8.25	118	8.13	13.52	4.419	117.4	17.47	8.16	51.24	50.34	57.32	55.56	0	0	26.36	8.81	0.01	11.97
4/21/2012 6:00	24026	6.227	121.6	8.53	9.95	2.856	115.6	17.04	6.368	49.4	48.05	62.03	60.61	0	0	26.35	8.83	0.013	16.25
4/21/2012 7:00	24027	6.886	113.1	6.992	9.95	3.182	102.9	16.5	6.368	47.89	46.45	67.2	65.5	0	0.014	26.34	8.84	0.01	11.87
4/21/2012 8:00	24028	7.581	126.1	9.99	11.74	3.953	123.7	18.98	8.16	48.66	47.75	68.64	66.36	0	38.97	26.34	8.84	0.003	15.75
4/21/2012 9:00	24029	10.9	148.5	10.24	18.89	6.765	151.9	16.9	15.31	54.16	55.41	59.49	55.2	0	234.7	26.37	8.85	0.012	12.21
4/21/2012 10:00	24030	13.76	168.3	11.38	20.68	8.69	172.5	17.94	17.1	60.61	62.39	47.08	43.3	0	451.5	26.41	8.86	0.007	12.06
4/21/2012 11:00	24031	13.47	175.8	13.6	20.68	8.94	180.2	19.42	17.1	66.18	68.36	38.33	34.99	0	649.2	26.45	8.87	0.007	14.67
4/21/2012 12:00	24032	13.11	182.5	15.67	20.68	9.22	186.9	19.84	17.1	71.33	73.75	30.99	28.13	0	827	26.48	8.87	0.002	16.45
4/21/2012 13:00	24033	12.51	188.8	16.19	22.47	8.99	192.8	20.51	17.1	75.26	77.75	24.58	22.27	0	948	26.49	8.87	-0.001	11.94
4/21/2012 14:00	24034	10.26	206	20.08	20.68	7.8	209	22.64	17.1	78.81	80.9	21.06	19.21	0	1004	26.5	8.87	-0.001	14.05
4/21/2012 15:00	24035	9.16	206.5	29.54	17.1	7.094	208.3	31.35	15.31	82	83.9	18.26	16.82	0	994	26.49	8.87	0.003	12.08
4/21/2012 16:00	24036	7.124	209.5	39.85	17.1	5.683	214.5	41.18	13.52	84.8	85.9	15.66	14.88	0	920	26.47	8.87	0	12.06
4/21/2012 17:00	24037	7.455	209.5	44.65	15.31	5.796	213.3	46.14	13.52	85.6	87	14.39	13.55	0	782.1	26.45	8.87	0	16.68
4/21/2012 18:00	24038	7.658	194.8	38.54	17.1	5.967	199.6	41.32	13.52	86.6	87.6	12.61	12.19	0	598.4	26.43	8.87	-0.003	12.04
4/21/2012 19:00	24039	7.619	170.5	36.56	15.31	5.575	172.3	40.4	11.74	86.2	87.1	12.07	11.9	0	386.4	26.41	8.87	0	12.08
4/21/2012 20:00	24040	8.83	143.9	16.36	13.52	5.505	147.6	21.74	11.74	84.3	85.1	13	12.93	0	170.2	26.41	8.85	-0.015	12.08
4/21/2012 21:00	24041	7.586	139.6	9.19	11.74	3.471	135.3	17.72	8.16	78.66	76.69	17.12	18.3	0	11.81	26.4	8.85	-0.002	14.45
4/21/2012 22:00	24042	7.538	122.5	8.47	9.95	3.053	105.5	13.47	6.368	72.13	68.37	23.04	25.45	0	0.007	26.38	8.85	0.002	13.25
4/21/2012 23:00	24043	8.54	112.3	9.04	11.74	4.016	105.8	18.37	8.16	70.82	68.3	23.84	25.33	0	0.007	26.38	8.85	-0.002	11.96
4/22/2012 0:00	24044	8.7	133	7.566	13.52	4.034	129.2	17.4	8.16	69.11	66.6	25.16	26.6	0	0.005	26.39	8.85	0	11.93
4/22/2012 1:00	24045	7.605	141	7.063	13.52	3.185	136.5	15.4	9.95	66.08	63.52	28.15	29.62	0	0.004	26.39	8.85	0	15.48
4/22/2012 2:00	24046	6.643	140.6	10.95	9.95	2.25	123.4	19.31	4.578	63.57	60.25	31.19	33.45	0	0.001	26.38	8.85	0	11.99
4/22/2012 3:00	24047	5.257	134.7	27.5	9.95	1.726	95.6	28.08	4.578	62.58	59.4	33.06	35.24	0	0.001	26.37	8.86	0.007	12.47
4/22/2012 4:00	24048	4.658	127.7	36.03	8.16	1.616	67.86	12.61	4.578	60.79	57.65	35.52	37.75	0	0.001	26.36	8.87	0.014	11.95
4/22/2012 5:00	24049	5.394	75.04	14.81	8.16	2.88	60.38	15.13	6.368	59.87	57.96	36.94	37.71	0	0.001	26.36	8.88	0.01	13.8
4/22/2012 6:00	24050	6.596	67.43	6.963	9.95	3.653	60.24	12.63	6.368	59.43	57.21	37.71	38.88	0	0	26.36	8.89	0.012	15.21
4/22/2012 7:00	24051	5.944	68.88	6.273	8.16	3.316	57.92	10.69	4.578	59.41	56.67	38.02	39.81	0	0.038	26.36	8.91	0.017	12.08
4/22/2012 8:00	24052	4.615	73.96	12.17	6.368	2.757	55.68	9.07	4.578	60.74	58.5	37.17	38.38	0	42.23	26.38	8.91	0.006	12.24
4/22/2012 9:00	24053	5.663	60.83	15.32	9.95	3.534	56.29	18.43	6.368	61.81	63.07	37.05	34.98	0	234.3	26.42	8.93	0.011	15.01
4/22/2012 10:00	24054	8.77	147.2	19.2	17.1	5.877	149.9	24.76	11.74	69.89	71.89	29.63	27.64	0	446.8	26.46	8.94	0.018	16.67
4/22/2012 11:00	24055	10.81	161.5	16.55	17.1	7.318	166.2	22.72	13.52	74.76	76.9	25.61	23.73	0	646.7	26.51	8.95	0.004	12.19
4/22/2012 12:00	24056	11.18	135.7	17	26.05	7.586	139.6	24.52	20.68	80.3	83.1	20.58	18.97	0	825	26.55	8.95	0.005	12.07
4/22/2012 13:00	24057	14.6	129.9	15.66	24.26	9.46	132.1	23.75	20.68	84	87.3	14.8	13.51	0	946	26.56	8.95	-0.003	12.07
4/22/2012 14:00	24058	13.66	138.8	21.21	27.84	9.07	142.5	27.28	24.26	85.6	89	12.68	11.54	0	1001	26.56	8.95	0	16.5
4/22/2012 15:00	24059	11.92	141.9	27.52	22.47	8.11	144.8	33.34	18.89	87.1	90.3	10.85	9.95	0	991	26.55	8.95	0	15.97
4/22/2012 16:00	24060	12.11	123.2	23.97	24.26	8.34	125.4	31.59	18.89	88.1	91.1	9.12	8.53	0	917	26.53	8.95	0	12.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/22/2012 17:00	24061	10.53	121.3	30.7	22.47	7.103	125.2	37.57	17.1	88.9	91.5	9.04	8.56	0	709.8	26.52	8.95	-0.003	12.06
4/22/2012 18:00	24062	9.24	152.2	31.66	36.78	6.345	156.6	37.31	33.21	88.4	90.1	9.14	8.98	0	525	26.5	8.92	-0.025	12.06
4/22/2012 19:00	24063	10.58	128.7	16.11	20.68	6.638	131.7	23.15	15.31	86.7	87.4	9.91	10.09	0	199.8	26.48	8.9	-0.019	16.5
4/22/2012 20:00	24064	9.12	125.3	11.6	15.31	5.414	126.5	19.36	11.74	84.7	84.5	11.09	11.59	0	78.92	26.47	8.89	-0.008	16.02
4/22/2012 21:00	24065	8.27	109.1	11.8	11.74	4.7	107.5	18.79	8.16	80.5	79.54	14.72	15.31	0	5.691	26.46	8.89	-0.006	12.05
4/22/2012 22:00	24066	13.8	93.8	9.42	27.84	8.8	92.6	17.91	26.05	76.78	75.98	20.28	20.34	0	0.02	26.47	8.88	-0.003	15.39
4/22/2012 23:00	24067	15.98	92.6	9.21	26.05	10.62	91.5	17.87	20.68	74.2	73.75	26.64	26.19	0	0.018	26.49	8.88	-0.006	12.14
4/23/2012 0:00	24068	16.02	90.3	8.68	26.05	10.51	89.6	17.48	18.89	71.49	71.01	29.05	28.51	0	0.01	26.51	8.88	-0.001	12.13
4/23/2012 1:00	24069	18.58	92.4	8.99	38.57	12.41	92.2	17.64	29.63	67.39	67.12	38.86	37.57	0	0.006	26.5	8.87	-0.003	16.07
4/23/2012 2:00	24070	17.87	85.3	9.26	29.63	11.08	84.7	18.21	22.47	63.48	63.21	44.79	43.29	0	0.003	26.5	8.88	0.003	12.08
4/23/2012 3:00	24071	17.17	83.7	8.09	26.05	10.34	83.2	17.38	20.68	60.88	60.58	47.85	46.21	0	0.001	26.49	8.88	0	12.25
4/23/2012 4:00	24072	15.63	85.6	7.939	22.47	9.72	85	17.36	17.1	58.92	58.66	49.45	47.65	0	0	26.47	8.88	0	12.42
4/23/2012 5:00	24073	14.28	85.1	9.14	24.26	8.75	84.5	18.22	17.1	57.01	56.72	51.17	49.24	0	0.001	26.46	8.88	-0.003	12.18
4/23/2012 6:00	24074	10.07	73.49	10.22	17.1	6.027	70.42	18.55	13.52	54.92	54.58	54.37	52.26	0	0.001	26.48	8.88	0.002	11.87
4/23/2012 7:00	24075	11.97	72.64	17.71	24.26	7.169	71.19	24.5	17.1	53.63	53.34	56.1	53.75	0	0.02	26.49	8.88	0	12.17
4/23/2012 8:00	24076	15.64	62.68	9.04	22.47	10.16	60.84	15.22	18.89	52.84	52.69	54.64	52.34	0	29.6	26.5	8.88	0.003	11.89
4/23/2012 9:00	24077	18.28	83	10.12	29.63	11.29	81.2	18.6	22.47	55.55	56.4	46.07	43.37	0	216	26.51	8.89	0.005	15.22
4/23/2012 10:00	24078	19.52	91.3	10.15	31.42	12.66	89.7	19.22	24.26	58.95	60.23	33.42	31.33	0	448.5	26.52	8.89	0.005	11.9
4/23/2012 11:00	24079	17.19	99.4	14.43	27.84	11.42	99.6	22.64	22.47	63.02	65.09	27.03	24.92	0	598.8	26.56	8.89	0.003	16.56
4/23/2012 12:00	24080	15.77	125.5	22.31	31.42	9.87	127	28.27	26.05	64.28	65.62	27.82	25.98	0	372.2	26.56	8.9	0.002	16.37
4/23/2012 13:00	24081	11.32	134.8	19.6	20.68	7.589	137.1	27.14	15.31	68.09	70.72	26.53	24.23	0	801	26.58	8.9	0.002	12.04
4/23/2012 14:00	24082	10.11	143.7	20.99	18.89	6.967	148	27.83	13.52	71.2	74.48	25.1	22.54	0	959	26.58	8.9	0	11.86
4/23/2012 15:00	24083	11.79	141.5	18.34	24.26	7.915	145	25.29	17.1	74.07	77.35	23.8	21.31	0	984	26.56	8.9	-0.001	16.54
4/23/2012 16:00	24084	11.4	156.7	19.47	18.89	7.713	161.2	25.23	17.1	76.52	79.64	23.15	20.71	0	910	26.54	8.9	-0.001	15.1
4/23/2012 17:00	24085	11.14	156.9	18.69	20.68	7.454	160.9	23.37	17.1	78.17	80.9	22	19.9	0	772.6	26.51	8.9	0	12.03
4/23/2012 18:00	24086	11.15	148.8	17.28	20.68	7.518	152	24.14	15.31	78.88	81.1	22.14	20.31	0	590.2	26.49	8.9	0	12.09
4/23/2012 19:00	24087	11.44	147.8	15.99	20.68	7.457	150.8	22.16	17.1	79.39	81	22.69	21.22	0	380.7	26.46	8.9	0	16.65
4/23/2012 20:00	24088	10.47	155.3	14.1	17.1	6.539	158.6	19.33	15.31	78.58	79.43	23.41	22.43	0	169.5	26.44	8.88	-0.011	16.69
4/23/2012 21:00	24089	7.756	152.7	6.081	13.52	3.641	152.1	13.75	9.95	74.5	72.89	27.14	27.76	0	12.36	26.42	8.87	-0.012	15.67
4/23/2012 22:00	24090	7.632	137.8	6.468	9.95	3.038	130.1	15.08	6.368	69.21	66.52	33	34.34	0	0.01	26.4	8.87	0.003	16.53
4/23/2012 23:00	24091	7.985	135.7	8	11.74	4.026	134.9	16.81	8.16	67.39	65.86	36	36.19	0	0.007	26.39	8.87	0	16.19
4/24/2012 0:00	24092	7.055	134.6	21.08	11.74	3.688	130	32.94	8.16	67.14	65.82	37.61	37.61	0	0.008	26.39	8.87	0	12.04
4/24/2012 1:00	24093	6.393	113.9	7.211	8.16	2.719	88.4	12.64	4.578	65.2	62.17	40.32	42.26	0	0.004	26.39	8.87	0	11.91
4/24/2012 2:00	24094	7.19	123.5	11.85	9.95	2.905	110.4	19.72	6.368	62.78	60.02	43.41	45.15	0	0.002	26.36	8.87	0	16.61
4/24/2012 3:00	24095	6.145	133.2	13.52	9.95	2.148	118.4	24.25	4.578	61.25	58.62	45.26	46.92	0	0.002	26.33	8.88	0.007	16.41
4/24/2012 4:00	24096	5.417	93.5	21.96	11.74	2.728	76.44	22.41	8.16	60.72	58.87	45.85	46.49	0	0.001	26.32	8.89	0.01	12.17
4/24/2012 5:00	24097	8.33	62.62	26.74	13.52	4.894	57.39	28.69	9.95	58.93	58.18	48.15	47.14	0	0.001	26.32	8.9	0.009	16.42
4/24/2012 6:00	24098	5.906	65.33	36.61	13.52	3.149	69.06	40.44	9.95	57.79	57.35	49.77	48.27	0	0.001	26.32	8.91	0.009	11.9
4/24/2012 7:00	24099	7.692	80.6	37.53	18.89	4.603	78.08	42.23	17.1	59.57	59.05	46.74	45.6	0	0.056	26.31	8.92	0.006	11.86
4/24/2012 8:00	24100	7.764	120.7	35.87	13.52	4.308	120.4	44.1	9.95	59.23	58.4	46.88	46.08	0	17.53	26.31	8.92	0.003	15.63
4/24/2012 9:00	24101	5.876	100.4	35.22	11.74	3.313	95.6	39.89	8.16	60.28	59.99	46.67	45.6	0	91.7	26.33	8.93	0.01	11.9
4/24/2012 10:00	24102	7.307	149	22.98	13.52	4.946	153.1	29.93	9.95	65.57	67.28	41.16	38.43	0	384.1	26.35	8.94	0.012	11.86
4/24/2012 11:00	24103	5.987	178.9	31.43	11.74	4.536	186.4	35.06	9.95	71.5	72.92	35.21	33.09	0	649.9	26.4	8.95	0.01	12.22
4/24/2012 12:00	24104	4.615	182.4	41.7	9.95	3.656	193	46.44	8.16	78.89	80.2	27.92	26.6	0	822	26.43	8.96	0.005	16.38
4/24/2012 13:00	24105	6.277	195.5	28.35	13.52	4.923	201.4	32.91	11.74	83.8	85.1	23.58	22.27	0	942	26.45	8.97	0.013	12.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/24/2012 14:00	24106	8.18	189.1	26.04	17.1	6.282	194.6	30.08	13.52	88.4	90.3	18.33	17.12	0	996	26.43	8.98	0.006	11.86
4/24/2012 15:00	24107	7.077	213.9	41.28	17.1	5.633	215.1	44.1	15.31	92.1	93.5	13.36	12.82	0	985	26.41	8.97	-0.003	16.56
4/24/2012 16:00	24108	9.15	195.6	30.22	22.47	6.904	197.9	32.39	15.31	93.8	95.7	10.8	10.27	0	913	26.39	8.97	0	16.22
4/24/2012 17:00	24109	7.797	236.1	37.48	22.47	6.3	236.2	38.14	20.68	94.7	95.7	9.16	8.99	0	737	26.37	8.97	-0.003	13.32
4/24/2012 18:00	24110	8.99	185	45.01	18.89	6.604	191.5	50.25	17.1	94.1	95.1	8.28	8.32	0	492.6	26.34	8.97	-0.003	12.11
4/24/2012 19:00	24111	10.36	238.9	18.29	18.89	8.25	239.3	19.4	17.1	93.2	93.5	6.64	7.032	0	277.1	26.32	8.94	-0.022	12
4/24/2012 20:00	24112	9.15	267.8	16.39	22.47	6.966	267.5	18.02	17.1	90.7	90.4	6.198	6.933	0	74.28	26.3	8.92	-0.019	12.04
4/24/2012 21:00	24113	6.074	264.7	19.78	9.95	3.075	267.1	27.75	6.368	85.7	83.5	9	10.74	0	7.542	26.27	8.92	-0.002	12.18
4/24/2012 22:00	24114	4.662	200.1	20.21	8.16	0.833	156.7	31.82	4.578	80.3	76.26	12.39	15.24	0	0.023	26.26	8.93	0.004	16.77
4/24/2012 23:00	24115	7.619	160.3	12.41	17.1	3.667	148.9	28.02	11.74	78	75.19	17.84	19.35	0	0.015	26.25	8.93	0.002	15.52
4/25/2012 0:00	24116	8.27	156.9	9.08	13.52	3.743	155.5	18.34	8.16	74.99	72.69	27.1	28.04	0	0.012	26.25	8.93	0.001	11.92
4/25/2012 1:00	24117	8.27	175	13.03	13.52	4.242	179.4	20.03	9.95	72.24	70.56	32.76	33.13	0	0.008	26.25	8.93	0.001	16.03
4/25/2012 2:00	24118	7.672	177.8	9.06	13.52	3.932	181.3	15.65	9.95	70.92	69.5	38.59	38.5	0	0.01	26.26	8.93	-0.003	15.63
4/25/2012 3:00	24119	5.448	177.1	7.268	8.16	1.527	173.3	11.24	4.578	67.8	65.12	47.38	48.51	0	0.004	26.24	8.93	0	12.13
4/25/2012 4:00	24120	5.605	205.3	16.51	8.16	1.621	200.2	10.7	4.578	66.02	62.61	51.99	54.3	0	0.001	26.22	8.93	0.003	16.62
4/25/2012 5:00	24121	3.952	233.3	9.41	6.368	0.163	303.6	1.489	2.789	64.76	60.07	50.38	56.16	0	0.001	26.2	8.94	0.013	12.16
4/25/2012 6:00	24122	4.426	215.7	9.6	6.368	0.251	254.5	9.14	2.789	63.03	58.88	53.08	56.27	0	0	26.2	8.95	0.012	12.18
4/25/2012 7:00	24123	3.575	216.1	8.76	6.368	0	0	0	0	60.11	56.17	57.28	60.45	0	0.054	26.19	8.97	0.016	16.59
4/25/2012 8:00	24124	3.288	251.2	16.76	6.368	0.751	299.3	13.84	4.578	59.37	56.74	59.85	59.45	0	47.72	26.19	8.98	0.013	11.89
4/25/2012 9:00	24125	5.943	241.8	21.19	9.95	4.59	241.2	20.23	8.16	64.99	65.68	52.54	49.34	0	247.4	26.22	8.98	-0.003	12.04
4/25/2012 10:00	24126	8.1	236.9	13.6	11.74	6.524	236.5	14.5	11.74	73.93	74.57	34.87	33.41	0	457.4	26.27	8.98	0.005	16.05
4/25/2012 11:00	24127	9.62	279.7	25.02	15.31	8.05	280.2	26.98	13.52	85.2	85.4	12.16	12.52	0	662.2	26.32	8.99	0.001	16.35
4/25/2012 12:00	24128	10.04	301.7	18.47	18.89	8.44	302.4	21.64	15.31	91.1	91.6	4.605	5.048	0	844	26.36	8.98	-0.001	16.16
4/25/2012 13:00	24129	11.01	297.7	21.44	20.68	9.26	299.4	25.03	20.68	95.5	96	2.536	1.894	0	963	26.37	8.98	-0.003	16.3
4/25/2012 14:00	24130	11.54	288.2	24.41	22.47	9.65	289.6	28.62	20.68	97.4	98.1	2.559	1.903	0	1015	26.37	8.98	0	11.96
4/25/2012 15:00	24131	12.67	273.9	23.21	22.47	10.54	274.2	25.98	20.68	98.2	99.1	2.575	1.91	0	1008	26.36	8.97	-0.01	11.98
4/25/2012 16:00	24132	11.93	282.9	22.95	24.26	9.82	282.1	27.42	22.47	98.6	99.4	2.57	1.923	0	944	26.34	8.95	-0.019	16.18
4/25/2012 17:00	24133	11.02	262.1	32.7	20.68	8.83	263	35.42	17.1	98.7	99.4	2.595	1.927	0	667.2	26.32	8.93	-0.019	15.54
4/25/2012 18:00	24134	9.42	264.2	24.15	20.68	7.692	262.6	24.13	18.89	98.9	99.2	2.614	1.923	0	545.3	26.3	8.91	-0.029	12.35
4/25/2012 19:00	24135	9	253.6	23.45	18.89	7.194	251.7	23.29	13.52	97.3	97.4	2.576	1.885	0	246	26.29	8.87	-0.032	11.89
4/25/2012 20:00	24136	9.63	275.4	10.58	18.89	7.359	274.5	13.07	15.31	95.3	94.9	2.538	1.863	0	113.5	26.28	8.82	-0.054	12.12
4/25/2012 21:00	24137	3.77	272.3	21.67	8.16	0.976	295.5	22.31	4.578	88.7	85.3	2.442	3.258	0	7.598	26.27	8.82	-0.002	16.05
4/25/2012 22:00	24138	2.755	251.8	19.06	6.368	0.524	130.2	22.23	2.789	85	79.64	2.708	6.336	0	0.017	26.25	8.82	0	12.11
4/25/2012 23:00	24139	4.608	284.2	20.09	8.16	1.077	263.1	15.76	4.578	81.5	77.82	4.4	7.221	0	0.013	26.26	8.82	0	12.59
4/26/2012 0:00	24140	7.047	294.7	10.37	11.74	3.255	300.5	15.21	8.16	81.3	77.45	4.151	7.367	0	0.014	26.26	8.82	0.001	11.87
4/26/2012 1:00	24141	8.09	330.4	12.36	15.31	5.025	329.6	14.99	11.74	79.97	77.64	6.216	8.02	0	0.018	26.26	8.82	0	12.42
4/26/2012 2:00	24142	9.56	322.6	21.59	20.68	6.288	320.3	23.61	13.52	76.17	75.23	10.65	11.44	0	0.017	26.26	8.82	0	15.18
4/26/2012 3:00	24143	10.6	326	6.736	17.1	7.669	325.7	9.15	13.52	75.06	73.88	11.36	12.31	0	0.011	26.24	8.82	0.001	16.2
4/26/2012 4:00	24144	10.96	325.4	7.45	17.1	7.893	323.6	10.27	13.52	73.93	72.75	12.59	13.39	0	0.018	26.23	8.82	0.001	15.66
4/26/2012 5:00	24145	8.58	312.4	7.556	13.52	5.174	307.2	9.72	9.95	69.35	67.15	16.31	17.85	0	0.008	26.23	8.82	0	12.15
4/26/2012 6:00	24146	10.28	314.6	5.86	15.31	7.062	314.7	7.616	11.74	69.55	68.09	15.66	16.64	0	0.005	26.23	8.82	0	11.89
4/26/2012 7:00	24147	9.06	306.3	14.51	15.31	5.997	302.7	21.41	9.95	67.55	66.42	17.61	18.17	0	0.081	26.25	8.82	0	11.93
4/26/2012 8:00	24148	6.567	306	13.75	11.74	3.517	308.4	12.06	8.16	64.92	63.51	20.31	21.14	0	54.57	26.24	8.82	0	15.84
4/26/2012 9:00	24149	5.656	328.2	23.49	11.74	4.173	329	23.45	8.16	72.47	72.73	17.29	17.04	0	244.4	26.27	8.82	0	12.36
4/26/2012 10:00	24150	9.06	21.69	18.38	17.1	6.113	20.73	19.41	15.31	80.1	80.6	16.29	15.96	0	348.5	26.31	8.82	-0.003	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/26/2012 11:00	24151	6.768	23.88	20.56	13.52	4.527	21.9	22.47	11.74	82.1	82.6	18.51	18.02	0	393.6	26.34	9.08	0.263	12.01
4/26/2012 12:00	24152	5.003	19.9	25.69	9.95	3.686	15.62	25.04	8.16	87.7	88.1	15.24	15.09	0	574.6	26.36	9.08	-0.001	11.95
4/26/2012 13:00	24153	2.307	16.25	57.06	6.368	1.671	359.7	52.9	4.578	93.7	93.5	10.21	10.84	0	508.1	26.37	9.08	0	13.62
4/26/2012 14:00	24154	6.398	206.8	21.74	11.74	4.853	210.6	23.23	11.74	91.7	92.2	9.73	9.99	0	319.4	26.36	9.08	0	12.02
4/26/2012 15:00	24155	6.947	206.1	20.36	15.31	5.28	210.2	21.69	11.74	91.7	92.3	7.782	8.22	0	316.7	26.35	9.12	0.038	13.66
4/26/2012 16:00	24156	10.06	190.3	17.19	20.68	7.122	194.9	19	17.1	92	92.9	6.688	7.146	0	361.4	26.33	9.16	0.038	16.29
4/26/2012 17:00	24157	12	180.1	18.5	22.47	7.913	184.5	22.38	17.1	92.6	94.1	4.529	5.017	0	490.7	26.3	9.2	0.044	15.75
4/26/2012 18:00	24158	16.9	170.1	11.92	29.63	10.61	174.7	18.92	22.47	93.4	95.1	3.678	4.085	0	536.4	26.28	9.23	0.032	15.58
4/26/2012 19:00	24159	17.03	168.7	10.96	26.05	10.56	173.2	17.62	20.68	93	94.2	3.664	4.072	0	422.9	26.26	9.24	0.01	11.97
4/26/2012 20:00	24160	14.91	179.6	10.33	22.47	9.19	183.9	16.08	17.1	91.7	92	3.945	4.721	0	180.2	26.24	9.24	0	16.33
4/26/2012 21:00	24161	8.85	182.1	12.49	17.1	4.359	179.6	19.57	11.74	85.7	83.4	4.638	6.397	0	13.44	26.21	9.26	0.014	15.44
4/26/2012 22:00	24162	8.38	164.1	6.441	11.74	3.232	163.7	15.16	6.368	78.15	74.66	11.03	13.01	0	0.011	26.18	9.31	0.051	11.84
4/26/2012 23:00	24163	6.859	172.8	25.5	11.74	2.795	167.5	34.51	6.368	74.37	71.52	16.33	18.09	0	0.008	26.16	9.35	0.047	11.85
4/27/2012 0:00	24164	3.381	215.5	46.72	8.16	1.321	269.1	50.63	4.578	72.43	68.87	17.19	19.95	0	0.004	26.13	9.4	0.051	11.85
4/27/2012 1:00	24165	6.095	242.1	30.33	11.74	2.712	272.4	23.11	8.16	70.61	67.25	18	20.41	0	0.003	26.13	9.43	0.029	12.19
4/27/2012 2:00	24166	4.398	268.3	40.56	9.95	1.711	289.6	59.49	6.368	70.45	67.78	16.99	19.44	0	0.002	26.13	9.43	0	11.97
4/27/2012 3:00	24167	7.657	276.6	22.57	18.89	4.356	285.1	20.63	13.52	72.76	69.84	15.53	17.67	0	0.002	26.12	9.43	0	15.34
4/27/2012 4:00	24168	15.93	282.6	8.7	26.05	12.21	282.6	11.61	22.47	76.19	75.47	16.88	17.22	0	0.015	26.14	9.44	0.003	16.1
4/27/2012 5:00	24169	10.73	290.1	9.79	22.47	7.68	290.1	12.9	17.1	71.78	70.9	21.35	21.52	0	0.017	26.16	9.44	0	12.05
4/27/2012 6:00	24170	12.74	299	11.88	20.68	8.98	301.4	14.23	17.1	68.84	68	24.94	24.84	0	0.003	26.16	9.44	0	16.29
4/27/2012 7:00	24171	9.3	338.3	8.66	15.31	6.857	338.1	10.74	11.74	61.98	61.43	35.1	34.24	0	0.096	26.17	9.43	-0.003	14.72
4/27/2012 8:00	24172	6.97	355.5	14.51	13.52	4.285	354.5	15.46	9.95	60.24	59.57	35.76	35.13	0	57.98	26.17	9.43	0	11.84
4/27/2012 9:00	24173	8.57	328.2	14.23	15.31	6.647	328.5	15.07	13.52	63.08	63.73	30.4	28.78	0	273.8	26.2	9.43	0	16.24
4/27/2012 10:00	24174	9.81	322.7	13.51	15.31	7.422	325.1	17.81	13.52	66.45	67.46	25.99	24.47	0	506.9	26.24	9.44	0.003	11.92
4/27/2012 11:00	24175	10.36	284.3	26.46	22.47	8.36	283.5	30.19	17.1	72.22	72.89	19.82	19.02	0	715.6	26.27	9.43	-0.003	11.98
4/27/2012 12:00	24176	16.14	263.5	16.72	27.84	13.08	262.7	19.35	24.26	76.98	77.93	13.03	12.75	0	892	26.28	9.43	0	11.87
4/27/2012 13:00	24177	17.46	255.2	15.46	29.63	14.24	254.7	16.5	26.05	80.9	81.9	7.978	8.12	0	1005	26.29	9.44	0.002	11.97
4/27/2012 14:00	24178	16.59	258.5	16.66	27.84	13.54	257.9	17.72	26.05	83.7	85	5.567	5.816	0	1056	26.28	9.43	-0.003	15.74
4/27/2012 15:00	24179	14.62	251.1	18.78	26.05	12.01	251.5	19.4	24.26	86.7	87.9	3.383	3.761	0	1041	26.26	9.43	0	11.97
4/27/2012 16:00	24180	12.25	239	18.87	24.26	9.89	239.8	20.57	20.68	88.9	89.9	2.638	2.86	0	962	26.25	9.42	-0.01	12
4/27/2012 17:00	24181	12.89	227.5	20.78	27.84	10.21	228.5	21.87	22.47	90	91.2	2.47	2.052	0	819	26.22	9.33	-0.092	11.93
4/27/2012 18:00	24182	14.34	224.4	19.4	26.05	11.06	225.4	20.4	22.47	90.2	91.1	2.495	1.827	0	630.6	26.2	9.29	-0.044	16.07
4/27/2012 19:00	24183	13.67	221.2	17.62	27.84	10.31	222	18.56	20.68	89.8	90.4	2.486	1.812	0	413	26.19	9.23	-0.057	16.26
4/27/2012 20:00	24184	13	235.9	9.9	20.68	9.86	235.3	11.32	18.89	88.8	88.8	2.458	1.816	0	192.5	26.18	9.17	-0.057	12.27
4/27/2012 21:00	24185	9.77	234.6	6.936	17.1	6.285	235.9	8.64	13.52	84.1	82.7	2.413	2.819	0	16.94	26.16	9.15	-0.024	11.87
4/27/2012 22:00	24186	8.51	244.1	35.49	13.52	5.641	244.8	40.33	9.95	79.72	78.08	3.188	4.629	0	0.01	26.15	9.13	-0.022	15.29
4/27/2012 23:00	24187	5.397	201	32.75	13.52	2.876	181.3	35.95	9.95	75.4	71.95	5.429	7.633	0	0.008	26.16	9.11	-0.017	15.8
4/28/2012 0:00	24188	5.426	188.5	19.4	9.95	2.329	142	33.51	4.578	72.5	64.74	7.044	11.86	0	0.002	26.14	9.1	-0.012	12.08
4/28/2012 1:00	24189	2.095	214.5	12.43	6.368	0.481	63.51	21.44	2.789	68.44	62.9	9.59	14.06	0	0.001	26.12	9.09	-0.009	11.84
4/28/2012 2:00	24190	2.992	313.7	59.76	6.368	0.857	29.21	18.73	4.578	66.79	60.91	11.06	15.69	0	0	26.11	9.09	-0.002	14.28
4/28/2012 3:00	24191	4.241	309.2	5.443	8.16	0.7	320.8	6.226	4.578	67.83	59.7	10.92	17.15	0	0	26.1	9.08	-0.009	15.65
4/28/2012 4:00	24192	9.88	323.3	4.237	13.52	5.948	322.9	7.297	11.74	67.25	64.18	11.76	14.05	0	0.001	26.08	9.07	-0.007	15.74
4/28/2012 5:00	24193	10.83	328.5	7.941	15.31	6.852	328.1	12.19	11.74	66.88	65.11	13.6	14.86	0	0.001	26.1	9.06	-0.011	12.05
4/28/2012 6:00	24194	8.62	0.188	37.09	15.31	5.898	2.553	37.97	13.52	64.95	63.85	16.59	17.1	0	0.005	26.12	9.05	-0.01	15.74
4/28/2012 7:00	24195	4.355	309.6	75.49	8.16	2.634	233.4	89.8	6.368	54.06	50.94	25.35	26.85	0	0.158	26.13	9.04	-0.007	11.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/28/2012 8:00	24196	2.645	45.71	44.52	6.368	1.117	90.4	34.97	6.368	55.61	51.1	24.99	27.52	0	59.44	26.11	9.03	-0.015	12.22
4/28/2012 9:00	24197	5.453	44.89	12.03	9.95	2.821	46.03	15.09	8.16	68.02	68.48	20.02	19.81	0	274.4	26.14	9.02	-0.009	16.33
4/28/2012 10:00	24198	11.53	28.75	13.59	20.68	7.485	26.8	14.61	17.1	73.69	74.49	17.69	17.13	0	503.2	26.21	9	-0.018	16.61
4/28/2012 11:00	24199	10.97	28.97	15.97	18.89	7.386	26.06	17.48	18.89	75.18	76.09	16.94	16.31	0	706.9	26.25	8.99	-0.011	16.6
4/28/2012 12:00	24200	8.45	56.23	21.8	17.1	5.578	51.93	28.53	11.74	79.31	81.1	14.23	13.67	0	875	26.27	8.98	-0.014	16.57
4/28/2012 13:00	24201	7.074	44.04	39.8	17.1	4.948	39.21	39.81	13.52	84.1	85.6	11.39	11.13	0	981	26.29	8.96	-0.013	12.08
4/28/2012 14:00	24202	6.239	89.5	78.12	24.26	4.603	90.1	79.59	20.68	88.1	89.9	8.53	8.55	0	1028	26.28	8.95	-0.016	16.17
4/28/2012 15:00	24203	5.912	189.3	75.65	24.26	4.631	207.3	77.16	27.84	90.7	92.3	5.965	6.189	0	1017	26.27	8.92	-0.022	12.04
4/28/2012 16:00	24204	5.685	282.6	76.11	13.52	4.676	281	75.72	9.95	91.9	92.3	4.637	5.126	0	940	26.26	8.9	-0.022	12.17
4/28/2012 17:00	24205	6.258	78.04	77.28	13.52	4.735	69.61	78.16	11.74	92.4	93.5	4.294	4.77	0	792.4	26.23	8.88	-0.022	12.04
4/28/2012 18:00	24206	5.57	142	99.2	13.52	4.383	276.7	96.8	13.52	92.5	92.9	4.652	5.236	0	607.4	26.21	8.84	-0.044	12.04
4/28/2012 19:00	24207	9.08	182.4	29.94	20.68	6.378	187.4	31.59	15.31	91.3	92.3	4.29	4.89	0	395.4	26.19	8.8	-0.032	12.08
4/28/2012 20:00	24208	8.56	168.7	15.02	17.1	5.317	173.2	20.43	13.52	89.7	90.2	2.796	3.804	0	181.9	26.18	8.75	-0.051	15.25
4/28/2012 21:00	24209	5.397	149.5	11.26	8.16	1.887	123.7	26.27	4.578	84.9	81.3	4.482	7.497	0	16.73	26.16	8.74	-0.018	12
4/28/2012 22:00	24210	7.836	151	8.59	20.68	3.821	114.2	30.4	13.52	81.6	75.16	8.28	12.12	0	0.008	26.14	8.71	-0.028	16.58
4/28/2012 23:00	24211	16.86	164.5	9.15	29.63	9.85	168.1	16.69	22.47	76.59	76.05	41.85	40.48	0	0.019	26.15	8.69	-0.015	11.85
4/29/2012 0:00	24212	17.82	173.9	8.89	31.42	10.66	178.1	16	22.47	73.08	72.72	55.36	53.24	0	0.022	26.17	8.68	-0.015	16.57
4/29/2012 1:00	24213	13.04	176.5	8.2	24.26	7.825	181.2	15.19	15.31	70.75	70.27	60.38	58.15	0	0.015	26.16	8.66	-0.015	14.89
4/29/2012 2:00	24214	8.17	178.5	9.14	13.52	4.544	181.2	16.01	11.74	68.84	68.01	64.02	62.14	0	0.007	26.16	8.65	-0.01	13.79
4/29/2012 3:00	24215	6.923	133.7	47.92	11.74	3.244	117.9	50.32	9.95	66.51	64.73	67.39	66.84	0	0.002	26.14	8.65	-0.003	16.39
4/29/2012 4:00	24216	8.37	85.2	22.5	13.52	4.692	82.8	28.83	9.95	66.09	65.19	67.37	65.45	0	0.002	26.14	8.64	-0.006	12.26
4/29/2012 5:00	24217	8.25	87.4	19.21	11.74	4.765	85	24.76	9.95	64.35	63.53	70.82	68.57	0	0.003	26.14	8.64	-0.006	16.58
4/29/2012 6:00	24218	7.815	63.04	17.77	13.52	4.591	60.45	22.43	11.74	62.37	61.78	73.61	70.76	0	0.003	26.15	8.63	-0.003	16.61
4/29/2012 7:00	24219	7.917	73.41	13.54	11.74	4.483	70.98	19.76	8.16	60.73	60.06	76.51	73.47	0	0.148	26.16	8.63	-0.003	16.51
4/29/2012 8:00	24220	6.973	85.3	11.2	11.74	3.665	76.19	17.58	8.16	61.04	60.26	78.97	75.55	0	45.11	26.17	8.62	-0.006	16.59
4/29/2012 9:00	24221	7.038	90.3	26.43	13.52	4.59	87.5	32.77	9.95	64.41	65.17	75.66	70.52	0	169.9	26.21	8.62	-0.003	14.11
4/29/2012 10:00	24222	6.462	120.4	20.3	11.74	4.293	119	28.1	9.95	68.13	69.18	76.65	71.14	0	183.9	26.26	8.62	-0.003	15.7
4/29/2012 11:00	24223	8.12	90.9	18.62	15.31	5.702	90.6	28.08	11.74	71.03	72.71	68.81	63.34	0	455.2	26.3	8.61	-0.006	12.02
4/29/2012 12:00	24224	8.33	79.24	22.94	15.31	5.863	75.17	31.13	11.74	75.16	77.39	57.49	52.38	0	748	26.33	8.61	-0.007	12.15
4/29/2012 13:00	24225	7.947	92.5	32.17	27.84	5.654	89	42	26.05	79.59	82	47.84	43.79	0	920	26.35	8.6	-0.008	16.22
4/29/2012 14:00	24226	6.198	72.21	66.3	13.52	4.907	61.76	71.43	11.74	83.9	85.5	39.03	36.43	0	1024	26.34	8.59	-0.01	16.52
4/29/2012 15:00	24227	6.375	93.2	62.92	15.31	4.74	91	68.43	11.74	86.8	88.8	33.53	31.03	0	1013	26.33	8.57	-0.019	12.1
4/29/2012 16:00	24228	6.692	96.1	56.89	17.1	4.978	95.2	67.15	15.31	87.9	89.6	30.85	28.82	0	837	26.32	8.55	-0.016	12
4/29/2012 17:00	24229	7.657	168.6	56.79	18.89	5.768	175.1	59.02	13.52	88.7	90.7	26.12	24.21	0	777.7	26.3	8.52	-0.029	14.49
4/29/2012 18:00	24230	8.23	165	45.43	17.1	5.804	171.1	48.73	15.31	88.6	90.2	24.29	22.68	0	566.4	26.28	8.49	-0.035	11.98
4/29/2012 19:00	24231	8.15	150.6	41.46	18.89	5.507	155.3	43.01	13.52	87.8	89	24.25	22.92	0	321.1	26.27	8.45	-0.041	13.84
4/29/2012 20:00	24232	17.85	136	14.24	33.21	10.99	139.1	19.86	24.26	84.7	86	37.14	34.82	0	213.5	26.27	8.41	-0.038	15.44
4/29/2012 21:00	24233	22.36	142.2	9.57	33.21	13.37	145.3	16.23	26.05	77.31	77.49	55.76	52.93	0	21.74	26.26	8.39	-0.024	16.54
4/29/2012 22:00	24234	19.22	151.2	9.39	33.21	11.42	154.9	16.49	22.47	73.48	73.4	62.97	60.03	0	0.024	26.26	8.36	-0.031	12
4/29/2012 23:00	24235	15.36	170.4	10.37	26.05	9.28	175.3	17.3	18.89	71.32	71.12	67.78	64.69	0	0.016	26.27	8.34	-0.014	15.93
4/30/2012 0:00	24236	12.17	166.1	8.8	18.89	7.106	169.5	16.4	13.52	69.28	68.95	73.52	70.29	0	0.009	26.27	8.33	-0.012	11.84
4/30/2012 1:00	24237	10.92	168.7	9.02	17.1	6.452	171.9	16.37	17.1	67.84	67.43	77.36	74.09	0	0.008	26.26	8.32	-0.006	13.59
4/30/2012 2:00	24238	8.11	162.8	9.07	13.52	4.541	165.7	16.53	9.95	66.46	65.79	79.53	76.59	0	0.006	26.26	8.32	-0.006	12.01
4/30/2012 3:00	24239	7.259	120.5	27.73	11.74	3.79	116.7	32.33	8.16	64.59	63.6	81.4	78.99	0	0.004	26.25	8.29	-0.022	11.96
4/30/2012 4:00	24240	8.43	107.9	26.8	13.52	4.749	106	32.65	9.95	63.14	62.27	82.8	80.1	0	0.002	26.24	8.29	-0.003	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/30/2012 5:00	24241	7.48	98.2	16.71	13.52	4.236	95.3	22.73	8.16	61.53	60.81	85.8	82.5	0	0.001	26.24	8.29	-0.003	13.28
4/30/2012 6:00	24242	6.294	88.9	12.69	9.95	3.39	80.2	17.83	6.368	60.5	59.55	87.3	84.2	0	0.001	26.23	8.29	0.001	12.22
4/30/2012 7:00	24243	4.893	95	12.7	8.16	2.081	78.44	14.22	4.578	59.08	57.68	89.2	86.6	0	0.125	26.23	8.29	-0.003	11.87
4/30/2012 8:00	24244	5.948	78.62	10.06	8.16	3.286	69.51	17.01	6.368	59.09	58.38	89.1	86.7	0	53.53	26.24	8.28	-0.007	12.17
4/30/2012 9:00	24245	6.427	132.2	40.26	15.31	4.109	133.9	46.83	11.74	63.39	64.75	83.7	77.9	0	255.4	26.26	8.28	-0.004	11.84
4/30/2012 10:00	24246	12.46	179.1	11.5	18.89	8.24	184.4	17.4	15.31	68.77	70.66	76.49	69.67	0	476.8	26.3	8.28	-0.001	12.12
4/30/2012 11:00	24247	10.6	185.5	15.72	20.68	7.517	190.3	20.95	13.52	74.54	76.53	65.8	59.79	0	671.4	26.34	8.27	-0.002	11.99
4/30/2012 12:00	24248	9.5	189.6	17.03	15.31	7.034	194.4	20.82	15.31	80.3	82.4	49.94	45.52	0	848	26.37	8.27	-0.004	12.04
4/30/2012 13:00	24249	7.156	190.7	28.43	17.1	5.518	196.2	29.78	15.31	86.8	88.7	30.6	28.42	0	961	26.39	8.26	-0.007	12.11
4/30/2012 14:00	24250	6.187	187.6	59.2	17.1	4.896	192.9	64.44	15.31	91	92.4	16.93	16.23	0	1011	26.39	8.25	-0.016	12.06
4/30/2012 15:00	24251	9.62	180.5	37.55	22.47	7.113	185.7	41.01	18.89	91.5	93.9	12.25	11.53	0	1007	26.37	8.22	-0.025	13.62
4/30/2012 16:00	24252	8.86	192.9	45.26	20.68	6.548	199.1	49.4	17.1	92.6	94.7	10.27	9.73	0	934	26.35	8.19	-0.029	12.04
4/30/2012 17:00	24253	10.85	206.9	35.53	22.47	8.09	209.7	35.11	22.47	92.9	94.7	9.74	9.29	0	793.7	26.32	8.16	-0.035	12.05
4/30/2012 18:00	24254	8.55	209.8	46.03	20.68	6.612	212	46.93	15.31	93.1	94.2	9.91	9.77	0	626.8	26.29	8.13	-0.032	12.07
4/30/2012 19:00	24255	9.43	193.3	40.17	22.47	6.723	198.2	39.94	17.1	92.2	93.1	8.16	8.3	0	356.5	26.26	8.1	-0.029	15.69
4/30/2012 20:00	24256	18.96	182.9	17.38	38.57	12.09	186.5	20.69	29.63	86.3	87.2	22.83	21.67	0	214.9	26.25	8.06	-0.041	12.71
4/30/2012 21:00	24257	15.61	180.4	8.75	27.84	9.72	183.9	15.27	20.68	82	81.8	21.42	21.12	0	27.01	26.24	8.02	-0.04	16.42
4/30/2012 22:00	24258	12.55	183.7	8.99	22.47	7.569	187.9	14.82	17.1	77.64	77.11	26.66	26.27	0	0.026	26.24	7.994	-0.022	15.91
4/30/2012 23:00	24259	15.68	181	9.31	29.63	9.74	185.1	15.33	20.68	74.9	74.52	34	33.04	0	0.019	26.25	7.976	-0.019	16.41
5/1/2012 0:00	24260	12.77	187	8.63	22.47	8.08	191.1	14.38	15.31	71.31	70.93	41.7	40.44	0	0.013	26.24	7.958	-0.017	11.85
5/1/2012 1:00	24261	11.68	181.1	8.77	20.68	7.182	185	14.94	15.31	68.78	68.22	45.99	44.77	0	0.006	26.22	7.92	-0.038	11.86
5/1/2012 2:00	24262	12.61	179.6	8.91	20.68	7.662	183.7	15.68	15.31	67.87	67.26	48.21	46.98	0	0.007	26.21	7.911	-0.01	12.17
5/1/2012 3:00	24263	13.64	176	9.47	24.26	8.18	179.9	16.06	17.1	67.36	66.67	48.11	47	0	0.004	26.2	7.908	-0.003	16.24
5/1/2012 4:00	24264	13.89	177.8	8.74	20.68	8.3	181.5	15.6	17.1	66.89	66.21	48.08	47.01	0	0.009	26.19	7.895	-0.013	12.2
5/1/2012 5:00	24265	11.94	183.1	8.33	20.68	7.159	186.9	14.61	15.31	66.28	65.5	51.96	50.66	0	0.008	26.19	7.886	-0.01	12.03
5/1/2012 6:00	24266	8.38	183.5	9.93	13.52	4.578	186.1	15.55	8.16	63.83	62.63	60.79	59.5	0	0.002	26.19	7.879	-0.006	11.86
5/1/2012 7:00	24267	6.934	181	8.07	9.95	3.357	187.5	14.42	8.16	61.19	59.7	68.03	66.8	0	0.22	26.17	7.877	-0.003	13.2
5/1/2012 8:00	24268	7.183	187.6	8.56	13.52	3.993	193.6	14.5	9.95	59.83	58.85	72.4	70.13	0	62.93	26.17	7.873	-0.003	12.23
5/1/2012 9:00	24269	10.39	194.9	11.03	17.1	7.122	199.3	15.25	13.52	66.1	66.95	61.16	57.35	0	270.5	26.2	7.87	-0.003	16.17
5/1/2012 10:00	24270	11.01	212.2	12.43	18.89	8.34	214.5	14.73	13.52	71.35	72.62	49.14	45.8	0	486.6	26.24	7.865	-0.005	12.62
5/1/2012 11:00	24271	11.62	230.9	12.69	18.89	9.25	230.3	14.59	17.1	76.94	77.87	36.04	33.87	0	682.2	26.27	7.858	-0.007	12.03
5/1/2012 12:00	24272	9.55	231.4	20.01	18.89	7.776	232.6	20.88	15.31	83.4	84.3	23.13	21.95	0	859	26.3	7.847	-0.011	12.19
5/1/2012 13:00	24273	10.16	247.3	24.19	22.47	7.968	246	25.56	18.89	88.8	90	10.01	9.85	0	979	26.31	7.834	-0.013	13.38
5/1/2012 14:00	24274	11.63	219.9	23.46	26.05	9.08	221.6	24.44	22.47	91.4	92.9	7.181	7.09	0	1030	26.29	7.812	-0.022	15.4
5/1/2012 15:00	24275	16.14	238.6	20.61	31.42	12.79	237.8	20.86	26.05	93.9	95.2	3.519	3.774	0	1020	26.27	7.777	-0.035	12.06
5/1/2012 16:00	24276	19.09	231.3	15.72	33.21	14.54	231.1	16.16	26.05	94.3	95.9	2.563	2.44	0	946	26.25	7.73	-0.048	16.55
5/1/2012 17:00	24277	20.21	232.6	14.27	33.21	15.72	232.5	15.54	27.84	94.3	95.5	2.565	2.175	0	811	26.23	7.669	-0.06	14.54
5/1/2012 18:00	24278	19	232.2	13.22	33.21	14.76	232.4	14.91	26.05	93.8	94.6	2.687	2.726	0	623.3	26.21	7.606	-0.063	12.19
5/1/2012 19:00	24279	18.5	239.9	14.41	34.99	14.28	239.4	15.94	27.84	93.3	93.8	2.688	3.007	0	409	26.19	7.565	-0.041	12.13
5/1/2012 20:00	24280	17.06	249.1	10.82	29.63	13.45	248.9	12.02	22.47	92	91.9	2.505	1.985	0	198.2	26.19	7.514	-0.051	16.37
5/1/2012 21:00	24281	13.01	257.3	9.4	22.47	10.05	255.9	10.47	18.89	88	87.3	2.447	1.863	0	21.44	26.19	7.477	-0.037	15.7
5/1/2012 22:00	24282	14.78	188.9	41.98	31.42	8.96	191.5	40.71	22.47	81.1	80.5	29.94	28.67	0	0.03	26.2	7.461	-0.015	11.9
5/1/2012 23:00	24283	15.03	169.2	9.62	27.84	9	173.7	16.65	18.89	76.03	75.67	59.29	56.93	0	0.032	26.21	7.449	-0.013	12.14
5/2/2012 0:00	24284	14.16	176.3	8.87	22.47	8.6	181	15.35	17.1	72.74	72.39	67.97	65.07	0	0.018	26.21	7.444	-0.005	16.34
5/2/2012 1:00	24285	10.03	178.9	9.68	26.05	5.982	183.9	15.93	13.52	70.06	69.58	74.7	71.63	0	0.013	26.2	7.439	-0.005	12.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/2/2012 2:00	24286	8.94	182.6	8.7	13.52	5.257	187.2	14.93	9.95	67.8	67.23	81.3	77.95	0	0.005	26.19	7.435	-0.003	11.91
5/2/2012 3:00	24287	8.1	176	8.98	13.52	4.633	181.4	15.59	9.95	66.22	65.65	87.9	84.2	0	0.005	26.17	7.435	0	11.99
5/2/2012 4:00	24288	7.479	183.9	9.85	13.52	4.552	188.9	15.48	9.95	65.28	64.8	91	87.6	0	0.02	26.16	7.432	-0.003	11.77
5/2/2012 5:00	24289	5.954	201.8	10.25	9.95	3.131	207	14.1	8.16	63.81	63.04	92.8	90	0	0.197	26.16	7.432	0	15.86
5/2/2012 6:00	24290	4.253	221.5	17.74	6.368	1.156	225.3	16.34	4.578	62.14	60.71	94.2	92.2	0	0.074	26.16	7.432	0	12.11
5/2/2012 7:00	24291	1.757	203.9	20.27	6.368	0.419	202.1	18.79	2.789	60.11	60	94.9	97.6	0	0.318	26.17	7.432	0	11.97
5/2/2012 8:00	24292	2.989	236.3	14.58	6.368	2.294	239.8	13.86	4.578	60.95	61.06	95.6	99.9	0	27.74	26.19	7.432	0	16.08
5/2/2012 9:00	24293	4.872	249.2	56.36	11.74	3.814	247.8	52.51	9.95	62.4	62.65	95.8	99.9	0	165.3	26.21	7.432	0	14.08
5/2/2012 10:00	24294	7.646	212	14.34	13.52	5.992	215.1	15.87	11.74	66.09	66.93	91.8	99.9	0	453.4	26.25	7.432	0	16.65
5/2/2012 11:00	24295	9.56	230.5	17.67	15.31	7.713	230.6	19.08	13.52	76.71	77.43	53.08	59.61	0	675.6	26.29	7.43	-0.002	12.04
5/2/2012 12:00	24296	7.684	258.1	20.7	13.52	6.462	257.3	24.38	13.52	85.6	86.2	23.21	22.29	0	854	26.33	7.425	-0.004	13.61
5/2/2012 13:00	24297	6.993	273.4	45.69	17.1	5.679	275.4	47.63	15.31	91.3	92	6.363	6.711	0	973	26.34	7.403	-0.023	15.17
5/2/2012 14:00	24298	9.34	218.5	32.31	20.68	7.325	221.4	34.56	17.1	93.3	94.8	3.891	4.145	0	1025	26.34	7.378	-0.025	14.17
5/2/2012 15:00	24299	11.91	220.3	23.58	24.26	9.27	223.7	24.24	20.68	94	95.7	4.796	4.838	0	1012	26.32	7.343	-0.035	12.71
5/2/2012 16:00	24300	15.99	206.8	18.38	29.63	11.68	210.4	19.32	24.26	93.9	96.2	4.666	4.524	0	939	26.3	7.302	-0.041	12.34
5/2/2012 17:00	24301	15.24	212.5	22.93	27.84	11.4	215.6	23.57	26.05	94.2	96	2.529	1.969	0	815	26.28	7.257	-0.044	12.03
5/2/2012 18:00	24302	18.13	232.6	14.55	29.63	14.04	232.2	15.94	27.84	94.1	94.9	2.53	1.878	0	636.2	26.26	7.175	-0.082	14.98
5/2/2012 19:00	24303	18.26	232.9	17.7	29.63	13.8	233.2	18.09	24.26	92.9	93.6	2.503	1.863	0	425.5	26.25	7.121	-0.054	15.04
5/2/2012 20:00	24304	18.77	255.7	11.51	29.63	14.56	255.4	12.48	26.05	90	90	2.482	1.822	0	204.8	26.25	7.083	-0.038	15.3
5/2/2012 21:00	24305	14.23	263.7	9.9	24.26	10.91	262.9	10.78	20.68	85.8	85.2	2.403	1.784	0	21.94	26.25	7.046	-0.037	16.33
5/2/2012 22:00	24306	10.14	283.4	10.97	18.89	6.754	286.8	15.3	15.31	80.4	78.94	2.352	1.74	0	0.026	26.24	7.03	-0.016	16.03
5/2/2012 23:00	24307	6.676	291.7	10.38	11.74	3.392	301.5	20.22	9.95	75.88	73.06	2.33	2.068	0	0.006	26.23	7.013	-0.018	13.24
5/3/2012 0:00	24308	9.97	287.5	8.46	17.1	6.377	289.9	13.71	13.52	75.83	74.22	2.328	2.531	0	0.008	26.22	7.004	-0.009	15.6
5/3/2012 1:00	24309	12.12	165.2	38.12	24.26	6.79	165.6	35.61	17.1	74.88	73.31	21.75	20.64	0	0.01	26.25	6.995	-0.009	14.67
5/3/2012 2:00	24310	10.83	166.7	8.51	18.89	6.221	170.7	16.71	11.74	70.85	70.34	74.26	70.73	0	0.015	26.26	6.979	-0.016	12.73
5/3/2012 3:00	24311	4.955	190	13.95	11.74	1.826	194.4	12.81	8.16	66.82	65.81	83.7	80.2	0	0.002	26.24	6.979	0	15.3
5/3/2012 4:00	24312	3.29	197	18.8	6.368	0.191	146.7	7.992	2.789	65.17	62.92	87.3	85.6	0	0.002	26.22	6.976	-0.003	14.69
5/3/2012 5:00	24313	4.308	271.2	15.57	8.16	1.812	304	11.43	4.578	64.33	61.78	88.4	85.9	0	0.004	26.22	6.972	-0.003	15.82
5/3/2012 6:00	24314	6.679	295.8	9.2	9.95	2.907	307.8	12.35	4.578	64.77	61.72	86.2	85.7	0	0.004	26.22	6.973	0	16.06
5/3/2012 7:00	24315	7.468	313.7	7.14	9.95	3.335	317.2	11.39	6.368	65.85	62.18	70.09	76.08	0	0.151	26.23	6.973	0	16.39
5/3/2012 8:00	24316	7.078	311	6.48	9.95	3.104	306	11.27	6.368	64.95	62.43	61.05	64.76	0	34.17	26.25	6.969	-0.003	15.01
5/3/2012 9:00	24317	6.419	301.3	9.58	11.74	4.136	301.5	11.74	9.95	67.84	67.41	42.17	43	0	167.7	26.27	6.966	-0.003	12.05
5/3/2012 10:00	24318	7.854	297.4	10.61	13.52	6.108	298.7	14.52	11.74	73.83	74.22	24.24	23.85	0	404.6	26.31	6.962	-0.004	14.44
5/3/2012 11:00	24319	12.08	290.5	11.31	22.47	9.53	290.8	15.75	17.1	82.9	83.5	7.217	7.642	0	682.4	26.36	6.945	-0.017	13.34
5/3/2012 12:00	24320	12.4	277.4	16.76	20.68	9.91	276.4	20.58	18.89	86.9	87.9	2.45	2.017	0	865	26.4	6.925	-0.02	11.97
5/3/2012 13:00	24321	12.12	258.6	21.45	20.68	9.62	257.3	23.56	17.1	88.9	90	2.457	1.825	0	989	26.41	6.906	-0.019	12.04
5/3/2012 14:00	24322	11.47	250.7	25.88	22.47	8.86	249.6	27.49	20.68	91	92.4	2.479	1.848	0	1044	26.41	6.88	-0.025	16.56
5/3/2012 15:00	24323	12.06	239.7	23.26	22.47	9.64	238.8	24.55	18.89	91.9	93.2	2.503	1.853	0	1013	26.41	6.845	-0.035	12.7
5/3/2012 16:00	24324	10.27	235.1	34.84	22.47	8.18	235.7	35.35	20.68	93.2	94.6	2.51	1.875	0	991	26.39	6.814	-0.032	15.86
5/3/2012 17:00	24325	10.03	241.8	28.98	20.68	8.11	241.7	28.35	17.1	93	94.1	2.515	1.87	0	693.2	26.37	6.785	-0.029	12.07
5/3/2012 18:00	24326	10.37	244.8	34.46	26.05	7.989	246.6	36.2	22.47	92.1	92.8	2.499	1.85	0	466.4	26.35	6.747	-0.038	12
5/3/2012 19:00	24327	11.2	242.6	22.39	24.26	8.85	241.9	23.92	18.89	92.2	92.8	2.506	1.848	0	427.2	26.34	6.709	-0.038	12.08
5/3/2012 20:00	24328	8.08	259.1	24.08	17.1	6.173	257.9	24.64	13.52	90.2	90.2	2.481	1.829	0	164	26.34	6.684	-0.025	16.38
5/3/2012 21:00	24329	5.85	261	9.93	11.74	2.734	265.2	11.36	9.95	86.4	84.3	2.427	3.48	0	21.51	26.33	6.663	-0.021	11.97
5/3/2012 22:00	24330	5.494	234.8	11.2	9.95	1.687	229.7	19.46	4.578	80.4	76.07	3.733	6.702	0	0.014	26.32	6.64	-0.022	14.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/3/2012 23:00	24331	5.428	269.1	14.53	8.16	1.897	281.5	22.4	4.578	76.11	72.21	7.033	9.48	0	0.006	26.31	6.633	-0.007	15.56
5/4/2012 0:00	24332	3.534	279.4	15.17	6.368	0.437	277.5	8.63	4.578	74	70.14	9.82	12.46	0	0.003	26.29	6.608	-0.025	11.97
5/4/2012 1:00	24333	10.67	185.5	40.18	22.47	6.032	184.7	37.93	15.31	73.19	71.2	30.32	30.08	0	0.006	26.3	6.601	-0.006	12.68
5/4/2012 2:00	24334	7.769	186.9	8.61	15.31	4.209	189.4	14.58	9.95	72.19	71.15	44.6	44.03	0	0.014	26.31	6.598	-0.003	12.01
5/4/2012 3:00	24335	4.6	171.2	22.72	8.16	1.021	140.4	24.55	4.578	68.31	65.79	47.86	49.23	0	0.006	26.3	6.595	-0.003	16.21
5/4/2012 4:00	24336	6.57	170.3	10.63	11.74	2.601	173	16.68	6.368	65.54	63.25	49.7	50.67	0	0.002	26.27	6.589	-0.006	12.66
5/4/2012 5:00	24337	4.639	174.8	14.07	6.368	1.249	161.2	24.43	4.578	65.09	62.39	49.17	50.9	0	0.002	26.27	6.586	-0.003	15.75
5/4/2012 6:00	24338	4.082	223.5	48.21	9.95	1.37	261	52.96	6.368	64.19	60.63	50.11	52.67	0	0.001	26.26	6.583	-0.003	16.22
5/4/2012 7:00	24339	2.644	242.1	32.27	8.16	0.561	21.12	39.24	4.578	62.24	57.24	53.24	57.34	0	0.227	26.26	6.581	-0.002	13.36
5/4/2012 8:00	24340	2.114	228	45.91	6.368	0.569	306.1	22.27	4.578	62.82	60.25	52.79	53.9	0	60.83	26.27	6.578	-0.003	12.01
5/4/2012 9:00	24341	4.961	278	14.06	8.16	4.066	277.5	16.55	6.368	67.66	68.15	46.79	44.17	0	264.3	26.3	6.573	-0.005	12.02
5/4/2012 10:00	24342	6.382	265	14.15	13.52	5.389	263.2	16.12	11.74	77.65	78.38	27.52	26.6	0	484.2	26.35	6.568	-0.005	11.98
5/4/2012 11:00	24343	11.51	269.4	15.65	18.89	9.13	268	18.83	18.89	86.4	86.9	3.207	3.405	0	687.5	26.4	6.56	-0.008	12.05
5/4/2012 12:00	24344	11.78	269.7	19.39	20.68	9.72	269.7	21.66	18.89	89.4	90	2.472	1.82	0	866	26.43	6.547	-0.013	11.99
5/4/2012 13:00	24345	13.17	258.1	21.48	24.26	10.74	258	23.2	22.47	91.3	92.3	2.487	1.847	0	988	26.44	6.519	-0.029	16.12
5/4/2012 14:00	24346	14.45	239	20.77	24.26	11.62	238.7	22.3	22.47	92.5	93.8	2.503	1.863	0	1041	26.43	6.478	-0.041	12.06
5/4/2012 15:00	24347	16.05	236.1	20.2	31.42	12.66	236.6	20.87	26.05	93.9	95.4	2.52	1.882	0	1031	26.42	6.443	-0.035	12.02
5/4/2012 16:00	24348	15.77	236.8	22.52	38.57	12.32	236.8	22.76	27.84	94.7	96.1	2.536	1.882	0	955	26.39	6.383	-0.06	16.14
5/4/2012 17:00	24349	18.43	239.4	19.13	38.57	14.54	238.8	19.78	33.21	94.4	95.6	2.541	1.882	0	817	26.37	6.341	-0.041	12.09
5/4/2012 18:00	24350	15.92	241	17.55	27.84	12.54	241.6	19.01	24.26	93.9	94.7	2.537	1.877	0	637.1	26.35	6.3	-0.041	12.19
5/4/2012 19:00	24351	13.63	245.5	15.87	24.26	10.78	245.1	17.68	20.68	93.2	93.7	2.509	1.865	0	427	26.34	6.259	-0.041	15.18
5/4/2012 20:00	24352	13.08	243.7	15.64	22.47	10.11	242.8	16.66	18.89	92.1	92	2.497	1.846	0	205.6	26.33	6.231	-0.029	12.04
5/4/2012 21:00	24353	9.81	245.2	8.66	18.89	6.992	244.4	9.36	13.52	87.2	86.2	2.433	1.82	0	22.03	26.31	6.178	-0.053	11.96
5/4/2012 22:00	24354	6.723	248.6	5.945	9.95	3.287	251.4	9.47	6.368	80.5	77.73	2.428	3.918	0	0.016	26.31	6.168	-0.009	11.95
5/4/2012 23:00	24355	8.97	266.8	10.19	17.1	5.876	267.5	11.47	13.52	78.68	76.61	3.292	4.806	0	0.018	26.29	6.156	-0.012	12.41
5/5/2012 0:00	24356	8.29	275.6	10.94	15.31	5.299	279.3	17.05	11.74	77.54	75.61	4.098	5.572	0	0.021	26.29	6.147	-0.009	11.9
5/5/2012 1:00	24357	6.205	284.3	21.98	13.52	2.842	300.7	32.38	6.368	75.23	71.19	4.932	7.659	0	0.016	26.27	6.135	-0.012	12.11
5/5/2012 2:00	24358	3.961	239.6	15.89	9.95	1.518	190.4	45.69	6.368	71.79	66.16	6.06	9.84	0	0.007	26.25	6.129	-0.006	16.37
5/5/2012 3:00	24359	4.525	204	43.75	11.74	1.845	120.1	32.83	6.368	68.27	63.1	7.882	11.64	0	0.002	26.23	6.123	-0.006	15.65
5/5/2012 4:00	24360	7.628	164.1	10.32	11.74	3.229	167.6	19.11	8.16	65.14	62.72	50.16	47.38	0	0.003	26.22	6.12	-0.003	11.76
5/5/2012 5:00	24361	4.239	195.8	19.29	6.368	0.615	235.4	16.75	2.789	61.83	59.68	81.1	76.97	0	0.003	26.22	6.12	0.001	11.96
5/5/2012 6:00	24362	2.348	262.7	15.04	6.368	0.616	312.3	8.74	4.578	60.92	58.08	83.6	81.2	0	0.002	26.2	6.118	-0.003	12
5/5/2012 7:00	24363	2.925	209.2	17.6	6.368	0.122	323.1	2.841	2.789	60.75	57.97	92.7	86.2	0	0.795	26.2	6.118	0.001	15.84
5/5/2012 8:00	24364	3.134	194	21.91	6.368	1.22	199.4	18.09	4.578	59.91	59.56	95	91.3	0	43.74	26.22	6.12	0.002	14.06
5/5/2012 9:00	24365	4.034	215.3	20.23	9.95	3.122	217.5	20.13	8.16	62.18	62.97	93.4	99.2	0	220.2	26.26	6.12	0	12.25
5/5/2012 10:00	24366	7.771	215.7	13.79	13.52	6.082	218.4	15.29	9.95	74.05	74.81	32.39	39.03	0	434.3	26.29	6.115	-0.005	11.98
5/5/2012 11:00	24367	7.753	240.7	21.43	13.52	6.345	240.5	23.87	11.74	81	81.6	14.72	14.64	0	636.5	26.34	6.108	-0.007	11.99
5/5/2012 12:00	24368	10.95	274.8	30.32	20.68	8.96	275.6	33.11	17.1	88.9	89.5	2.942	2.77	0	844	26.36	6.094	-0.014	12.15
5/5/2012 13:00	24369	12.14	277.9	20.64	20.68	9.94	278.8	23.71	18.89	92.1	92.8	2.507	1.857	0	958	26.38	6.072	-0.022	12.15
5/5/2012 14:00	24370	14.52	256.5	19.89	27.84	11.8	256.3	22.1	22.47	93.2	94.3	2.518	1.871	0	975	26.37	6.044	-0.029	11.97
5/5/2012 15:00	24371	15.27	253.2	18.04	27.84	12.46	252.9	19.87	24.26	93.9	95.1	2.529	1.885	0	999	26.36	6.002	-0.041	15.91
5/5/2012 16:00	24372	14.07	251.3	14.84	27.84	11.32	251.7	16.45	22.47	93	93.8	2.538	1.861	0	623.5	26.34	5.945	-0.057	12.09
5/5/2012 17:00	24373	13.24	246.1	15.02	26.05	10.57	245.4	16.92	22.47	92.2	92.8	2.498	1.861	0	460.9	26.31	5.91	-0.035	16.08
5/5/2012 18:00	24374	16.89	232.8	13.85	31.42	13.01	232.9	15.18	24.26	92.5	93.1	2.513	1.859	0	461.1	26.3	5.872	-0.038	12.04
5/5/2012 19:00	24375	17.12	231.1	10.36	29.63	12.81	231.2	12.19	24.26	89.8	90.1	2.459	2.076	0	203.6	26.29	5.838	-0.035	12.16

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/5/2012 20:00	24376	11.42	227.3	12.84	22.47	8.49	227.7	13.92	18.89	88.2	88.1	2.449	2.908	0	152.5	26.28	5.809	-0.028	11.96
5/5/2012 21:00	24377	13.54	257.1	9.81	24.26	10.43	256	11.15	18.89	85.3	84.9	2.409	2.88	0	18.74	26.27	5.785	-0.025	16.57
5/5/2012 22:00	24378	9.41	253.9	8.4	15.31	6.617	251.2	9.17	11.74	79.57	78.53	3.027	4.128	0	0.024	26.26	5.769	-0.016	15.81
5/5/2012 23:00	24379	7.848	251.4	6.251	11.74	4.574	245.1	8.34	9.95	75.07	73.14	4.408	5.952	0	0.019	26.25	5.757	-0.012	16.44
5/6/2012 0:00	24380	7.028	223.5	10.29	9.95	3.22	220.4	13.4	6.368	70.93	68.16	6.247	8.09	0	0.007	26.23	5.745	-0.011	15.16
5/6/2012 1:00	24381	4.166	219.3	8.2	13.52	0.514	215.6	12.46	2.789	68.76	65.53	7.381	9.63	0	0.003	26.21	5.739	-0.006	13.66
5/6/2012 2:00	24382	3.084	200.9	15.71	6.368	0.525	102.6	4.207	2.789	68.12	64.58	8.17	10.55	0	0.003	26.2	5.733	-0.006	15.84
5/6/2012 3:00	24383	3.015	193.2	21.91	6.368	1.25	93	15.1	4.578	67.52	63.53	8.81	11.8	0	0.003	26.19	5.726	-0.006	11.82
5/6/2012 4:00	24384	3.496	203.5	19.01	6.368	0.638	112.3	17.58	4.578	67.4	62.65	8.92	12.55	0	0.002	26.19	5.727	0	13.52
5/6/2012 5:00	24385	4.36	234	12.72	8.16	0.642	221.9	11.3	4.578	65.92	61.86	9.59	12.51	0	0.001	26.18	5.72	-0.006	11.83
5/6/2012 6:00	24386	4.656	248.5	11.77	8.16	1.395	243.5	18.99	4.578	65.16	61.28	10.08	13.12	0	0.001	26.17	5.721	0	15.61
5/6/2012 7:00	24387	4.173	219.1	19.21	8.16	1.56	151.8	24.78	4.578	63.2	58.06	11.78	15.79	0	0.288	26.18	5.715	-0.006	12.26
5/6/2012 8:00	24388	4.614	285.2	10.9	8.16	0.837	314.2	5.669	4.578	65.38	60.43	10.91	15.77	0	67.74	26.2	5.712	-0.003	11.78
5/6/2012 9:00	24389	8.65	296.7	10.68	18.89	6.635	299.6	13.58	15.31	71.95	71.64	9.57	10.52	0	279.6	26.24	5.682	-0.03	15.18
5/6/2012 10:00	24390	12.33	290.9	11.84	18.89	10.02	292	14.97	17.1	79.62	80.1	5.376	5.852	0	498.6	26.31	5.674	-0.008	15.74
5/6/2012 11:00	24391	13.15	304.9	14.02	22.47	10.57	307.9	15.1	18.89	83.7	84.3	3.937	4.405	0	697.2	26.35	5.661	-0.013	13.74
5/6/2012 12:00	24392	12.79	328.7	21.95	26.05	10.29	329.4	22.13	20.68	85.9	86.8	3.095	3.456	0	874	26.38	5.644	-0.017	14.69
5/6/2012 13:00	24393	10.9	325.5	23.38	22.47	9.11	325.2	25.24	18.89	86.5	87.4	4.257	4.401	0	990	26.4	5.625	-0.019	12.24
5/6/2012 14:00	24394	8.08	326.2	28.25	18.89	6.621	326.2	32.67	18.89	88.4	89.3	7.585	7.368	0	1038	26.4	5.603	-0.022	11.98
5/6/2012 15:00	24395	7.448	332.2	55.28	20.68	5.983	330.8	55.44	18.89	90.5	91.6	8.06	7.866	0	1019	26.39	5.584	-0.019	11.96
5/6/2012 16:00	24396	7.433	281.9	45.44	18.89	6.188	282	49.04	15.31	92	92.5	6.971	7.027	0	942	26.38	5.559	-0.025	12.12
5/6/2012 17:00	24397	7.964	313.7	48.16	22.47	6.436	315.7	47.93	17.1	92.6	93.3	5.096	5.2	0	798.8	26.34	5.533	-0.025	12.08
5/6/2012 18:00	24398	9.35	268.6	45.68	22.47	7.643	270.3	47.05	18.89	93.1	93.5	2.879	2.651	0	618.4	26.32	5.502	-0.032	12.11
5/6/2012 19:00	24399	16.19	226.3	12.92	27.84	12.19	226.5	13.92	22.47	91.4	92.3	2.499	1.852	0	427	26.32	5.457	-0.044	16.03
5/6/2012 20:00	24400	16.71	228.2	10.32	27.84	12.43	227.9	12.09	22.47	89.4	89.5	2.475	1.827	0	209	26.31	5.388	-0.07	15.93
5/6/2012 21:00	24401	11.47	232.6	8.34	22.47	8.01	231.9	10.2	17.1	84.8	84.2	2.407	1.925	0	18.43	26.31	5.36	-0.028	16.64
5/6/2012 22:00	24402	5.508	240	13.82	9.95	2.117	245.5	27.73	8.16	78.56	75.92	2.755	4.664	0	0.014	26.29	5.347	-0.013	16.54
5/6/2012 23:00	24403	7.464	293.8	19.61	15.31	3.987	309.7	14.56	9.95	76.53	71.82	3.348	6.671	0	0.009	26.28	5.339	-0.008	12.2
5/7/2012 0:00	24404	11.59	15.88	34.68	24.26	7.247	15.65	34.01	15.31	75.49	74.61	19.6	19.26	0	0.023	26.29	5.33	-0.009	11.85
5/7/2012 1:00	24405	12.85	48.04	8.79	24.26	6.921	43.47	14.38	17.1	71.53	71.27	47.03	45.07	0	0.034	26.31	5.324	-0.006	15.39
5/7/2012 2:00	24406	16.17	56.05	12.03	27.84	9.9	53.36	17.31	20.68	68	67.83	57.58	54.86	0	0.017	26.31	5.314	-0.009	12.24
5/7/2012 3:00	24407	15.31	51.63	9.55	24.26	8.92	48.75	15.9	17.1	65.39	65.27	64.09	60.92	0	0.011	26.3	5.308	-0.006	12.25
5/7/2012 4:00	24408	14.53	45.4	8.86	22.47	7.731	40.25	12.92	15.31	63.22	63.16	68.52	64.99	0	0.006	26.29	5.298	-0.01	12.01
5/7/2012 5:00	24409	14.79	47.14	9.17	22.47	8.16	43.45	14.44	17.1	61.32	61.22	72.64	68.87	0	0.005	26.28	5.295	-0.003	11.97
5/7/2012 6:00	24410	15.24	41.7	8.18	22.47	8.41	38.62	11.73	15.31	60.17	60.15	75.79	71.71	0	0.004	26.28	5.289	-0.006	16.45
5/7/2012 7:00	24411	12.81	29.84	11.72	22.47	7.1	29.68	14.08	17.1	59.29	59.32	77.91	73.55	0	0.562	26.29	5.283	-0.006	11.96
5/7/2012 8:00	24412	12	33.5	11.54	20.68	6.719	33.18	13.19	13.52	59	59.04	79.39	74.98	0	29.34	26.3	5.279	-0.003	12.06
5/7/2012 9:00	24413	14.82	36.4	10.94	24.26	8.25	34.77	13.07	18.89	62	62.43	75.1	70.31	0	219.8	26.32	5.276	-0.003	16.58
5/7/2012 10:00	24414	14.55	28.79	12.1	24.26	8.5	27.67	14.94	18.89	65.42	66.43	69.89	64.46	0	466.5	26.36	5.276	0	12.04
5/7/2012 11:00	24415	15.33	32.38	14.33	24.26	9.12	31.91	16.57	18.89	67.33	68.54	66.06	60.57	0	623.4	26.39	5.269	-0.008	11.95
5/7/2012 12:00	24416	12.75	34.45	14.19	22.47	7.73	31.59	16.46	15.31	68.87	70.09	63.3	57.93	0	487.2	26.42	5.265	-0.004	15.95
5/7/2012 13:00	24417	13.15	51.73	19.15	20.68	7.968	48.82	22.94	15.31	71.1	73.18	59.37	53.47	0	823	26.42	5.258	-0.006	11.98
5/7/2012 14:00	24418	13.35	41.54	18.13	24.26	8.25	39.02	20.84	18.89	73.23	75.18	54.58	49.2	0	833	26.41	5.249	-0.01	15.74
5/7/2012 15:00	24419	14.3	51.36	21.07	27.84	8.87	47.74	25.41	20.68	75.16	77.49	49.57	44.45	0	945	26.39	5.22	-0.029	15.85
5/7/2012 16:00	24420	9.73	58.15	28.14	20.68	6.475	54.52	32.22	17.1	78.63	81	41.32	37.25	0	912	26.39	5.201	-0.02	12.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/7/2012 17:00	24421	9.64	58.51	26.05	20.68	6.318	54.21	31.66	15.31	80.2	82.3	36.94	33.53	0	729.6	26.37	5.185	-0.016	12.27
5/7/2012 18:00	24422	13.62	67.83	18.08	22.47	8.85	65.41	23.89	18.89	79.24	80.9	36.34	33.34	0	432.3	26.34	5.157	-0.028	12.01
5/7/2012 19:00	24423	14.63	78.43	14.94	26.05	9.41	77.05	21.76	20.68	77.24	78.07	40.65	38.15	0	153.5	26.31	5.138	-0.019	11.99
5/7/2012 20:00	24424	20.66	104.7	11	33.21	13.16	104.7	19.4	24.26	73.04	73.44	52.84	49.76	0	42.25	26.3	5.116	-0.022	11.97
5/7/2012 21:00	24425	21.3	91.2	15.03	36.78	13.74	90.3	21.97	27.84	69	69.19	57.67	54.5	0	8.96	26.31	5.095	-0.021	12.15
5/7/2012 22:00	24426	19.52	44.81	15.66	33.21	11.03	41.97	17.79	24.26	61.32	61.65	70.85	66.36	0	0.009	26.34	5.08	-0.015	12.04
5/7/2012 23:00	24427	18.19	75.56	13.16	29.63	11.56	72.79	20.3	24.26	59.31	59.49	80.3	75.3	0	0.003	26.33	5.073	-0.006	12.22
5/8/2012 0:00	24428	17.17	76.99	10.13	27.84	10.41	74.76	18.87	20.68	60.46	60.5	84.4	80.2	0.03	0.001	26.37	5.073	0	15.35
5/8/2012 1:00	24429	15.99	50.35	15.59	36.78	9.42	47.45	18.82	24.26	59.04	58.93	88.7	85.6	0.14	0.01	26.38	5.156	0.083	12.13
5/8/2012 2:00	24430	19.41	47.08	11.91	38.57	11.21	44.15	15.68	29.63	57.83	57.63	85.6	83.1	0	0.002	26.34	5.16	0.004	15.72
5/8/2012 3:00	24431	16.11	44.74	9.87	26.05	8.66	39.92	13.88	18.89	58.23	57.67	85.3	82	0.02	0.002	26.35	5.159	0	16.48
5/8/2012 4:00	24432	16.41	47.7	12.27	29.63	9.37	44.29	16.25	22.47	58.35	57.48	83.2	80	0	0.001	26.32	5.16	0	12.12
5/8/2012 5:00	24433	8.07	90.7	25.77	18.89	4.954	90.6	33.16	15.31	58.37	57.31	85.5	82.6	0.11	0.002	26.37	5.227	0.067	12.03
5/8/2012 6:00	24434	14.23	61.33	13.4	27.84	8.7	58.27	19.42	18.89	57.94	56.36	89.1	86.5	0.02	0.01	26.35	5.254	0.028	11.81
5/8/2012 7:00	24435	15.49	54.93	11.31	24.26	9.46	51.45	17.02	18.89	55.34	54.33	88.1	85.4	0	0.135	26.35	5.256	0.001	11.79
5/8/2012 8:00	24436	15.14	47.26	10.43	24.26	8.46	42.54	14.99	20.68	54.84	53.75	86.9	83.9	0.02	5.957	26.37	5.259	0.003	15.73
5/8/2012 9:00	24437	14.57	64.75	15.24	24.26	8.68	62.21	21.39	15.31	54.22	52.98	84.7	82.2	0	53.63	26.38	5.262	0.003	11.76
5/8/2012 10:00	24438	14.27	47.64	10.3	24.26	8.15	43.65	15.07	17.1	54.32	53.28	80.6	77.68	0.01	169	26.4	5.265	0.003	15.98
5/8/2012 11:00	24439	13.35	40.33	11.87	22.47	7.486	36.68	14.11	15.31	56.24	55.58	76.98	73.59	0	440.4	26.42	5.264	-0.001	12.1
5/8/2012 12:00	24440	13.93	34.1	13.17	24.26	8.1	32.16	15.66	18.89	58.05	57.53	73.13	69.7	0	522.5	26.44	5.263	0	11.82
5/8/2012 13:00	24441	11.37	38.78	15.31	20.68	6.826	36.52	17.57	15.31	60.29	59.92	69.3	65.8	0	491.5	26.45	5.263	0	12.1
5/8/2012 14:00	24442	10.14	33.09	17.01	17.1	6.327	29.78	19.27	13.52	62.88	62.55	66.55	62.91	0	567.4	26.46	5.266	0.003	15.34
5/8/2012 15:00	24443	11.8	18.68	13.98	20.68	8.03	17.61	17.02	18.89	64.75	64.28	64.26	60.48	0	575.6	26.47	5.262	-0.004	11.82
5/8/2012 16:00	24444	12.08	39.49	19.73	18.89	7.579	36.84	21.28	15.31	65.82	65.43	61.97	58.2	0	534	26.45	5.262	0	11.96
5/8/2012 17:00	24445	12.62	57.04	18.61	20.68	7.808	53.48	22.62	17.1	66.51	66.08	59.45	55.9	0	405.7	26.42	5.265	0.003	15.59
5/8/2012 18:00	24446	11.27	64.64	16.55	20.68	7.145	60.82	22.97	15.31	66.92	66.39	57.44	54.14	0	294.1	26.41	5.259	-0.006	15.77
5/8/2012 19:00	24447	14.19	75.44	12.17	22.47	8.96	73.35	20.13	17.1	65.81	64.88	60.32	57.15	0	146.4	26.4	5.25	-0.009	11.93
5/8/2012 20:00	24448	12.83	79.1	10.42	20.68	7.815	77.49	19.63	15.31	64.21	62.9	61.34	58.7	0	71.48	26.4	5.244	-0.006	12.18
5/8/2012 21:00	24449	10.57	76.3	10.15	18.89	6.491	73.57	19.17	11.74	63.69	62.03	61.41	59.21	0	6.603	26.41	5.235	-0.01	16.15
5/8/2012 22:00	24450	8.12	70	10.39	11.74	5.052	67.75	17.89	9.95	62.87	61.05	64.4	62.37	0	0.016	26.42	5.229	-0.006	15.64
5/8/2012 23:00	24451	8.41	64.08	8.96	13.52	5.357	61.89	15.87	9.95	62.09	60.3	66.37	64.15	0	0.013	26.43	5.225	-0.003	15.89
5/9/2012 0:00	24452	7.162	65.68	8.89	9.95	4.437	63.26	16.44	8.16	60.78	58.95	68.56	66.41	0	0.01	26.43	5.222	-0.003	11.82
5/9/2012 1:00	24453	10.01	83.1	9.93	20.68	6.202	81.8	18.84	11.74	60.02	58.27	69.74	67.19	0	0.005	26.42	5.216	-0.006	11.92
5/9/2012 2:00	24454	6.667	93.6	9.51	11.74	4.503	93.2	18.31	8.16	58.87	57.31	73.76	70.68	0	0.007	26.42	5.213	-0.003	15.71
5/9/2012 3:00	24455	2.141	85.4	19.93	8.16	1.127	80.7	15.84	6.368	57.91	56.47	75.88	72.78	0	0.005	26.42	5.213	0	12.09
5/9/2012 4:00	24456	0.834	81	15.9	4.578	0.405	82.6	15.58	4.578	57.83	56.34	74.71	72.65	0	0.004	26.41	5.213	0	12.17
5/9/2012 5:00	24457	0.298	142.5	5.606	2.789	0.001	104.4	0.001	2.789	57.1	54.92	75.73	77.83	0	0.001	26.4	5.211	-0.002	12.52
5/9/2012 6:00	24458	3.707	43.56	18.6	6.368	1.831	44.01	18.29	4.578	56.96	55.07	78.18	77.11	0	0.002	26.39	5.214	0.003	15.32
5/9/2012 7:00	24459	4.908	61.49	10.42	8.16	2.653	64.19	14.71	6.368	55.95	53.83	76.53	75.7	0	0.51	26.4	5.211	-0.003	11.83
5/9/2012 8:00	24460	4.66	70.64	16.65	8.16	2.5	72.96	21.37	4.578	56.04	54.18	75.75	74.38	0	63.79	26.4	5.211	0	12.43
5/9/2012 9:00	24461	6.743	71.72	11.54	13.52	4.592	67.12	19.82	9.95	59.95	59.24	64.98	61.68	0	244.8	26.43	5.21	-0.002	11.97
5/9/2012 10:00	24462	7.146	85.5	20.04	13.52	5.08	82.2	28.48	11.74	63.59	63.69	52.72	49.58	0	480.9	26.48	5.21	0	11.88
5/9/2012 11:00	24463	6.303	102.7	23.07	11.74	4.643	103.8	33.42	9.95	65.08	64.57	51.12	48.51	0	295.4	26.51	5.205	-0.004	15.73
5/9/2012 12:00	24464	6.374	95.3	27.92	11.74	4.592	92	35.23	9.95	66.32	65.91	48.74	46.16	0	393	26.51	5.202	-0.004	11.93
5/9/2012 13:00	24465	6.542	111.8	35.75	13.52	4.776	111.4	45.67	11.74	69.85	69.75	43.19	40.9	0	755.1	26.5	5.195	-0.007	11.85

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/9/2012 14:00	24466	7.989	82.2	30.64	18.89	5.79	77.21	38.72	15.31	72.49	72.8	40.44	37.85	0	962	26.49	5.186	-0.01	11.89
5/9/2012 15:00	24467	7.806	96.6	32.21	17.1	5.592	95	42.77	15.31	76.12	76.65	36.57	34.17	0	1053	26.48	5.175	-0.01	14.57
5/9/2012 16:00	24468	7.948	124.9	42.2	17.1	5.79	128.4	51.68	13.52	76.24	76.32	35.66	33.44	0	737.4	26.46	5.163	-0.013	15.77
5/9/2012 17:00	24469	8.48	137.2	32.07	17.1	5.939	139.7	39.53	15.31	76.81	77.08	34.17	31.94	0	650.5	26.42	5.144	-0.019	14.82
5/9/2012 18:00	24470	8.54	130.6	29.71	17.1	5.877	133.7	36.51	13.52	76.65	76.44	34.45	32.66	0	376.4	26.39	5.125	-0.019	13.31
5/9/2012 19:00	24471	8.73	123	17.17	17.1	5.633	126.2	24.91	11.74	75.28	74.44	35.48	34.25	0	175.8	26.37	5.106	-0.019	12.15
5/9/2012 20:00	24472	8.59	113.1	14.79	15.31	5.446	114.3	23.31	11.74	74.74	73.4	36.6	35.78	0	86.2	26.34	5.094	-0.013	12.16
5/9/2012 21:00	24473	7.86	113.9	11.16	17.1	4.818	115.7	19.12	11.74	73.49	71.71	39.31	38.81	0	9.61	26.34	5.087	-0.006	15.37
5/9/2012 22:00	24474	8.44	134.8	8.97	17.1	5.077	137.3	16.96	13.52	71.84	70	42.98	42.51	0	0.035	26.33	5.079	-0.009	12.39
5/9/2012 23:00	24475	7.872	148.1	8.87	18.89	4.539	150.1	15.11	13.52	69.94	68.11	47.59	46.99	0	0.035	26.34	5.073	-0.006	11.85
5/10/2012 0:00	24476	10.52	196.9	18.15	17.1	7.055	199.8	20.26	13.52	67.1	65.68	60.87	58.32	0	0.025	26.35	5.064	-0.009	15.55
5/10/2012 1:00	24477	8.31	165.8	34.17	15.31	5.188	167.5	38.01	11.74	65.67	64.26	66.46	64.2	0	0.017	26.32	5.06	-0.003	16.32
5/10/2012 2:00	24478	7.139	132.4	26.93	13.52	4.294	135	32.56	9.95	64.11	62.36	72.03	70.7	0	0.007	26.29	5.057	-0.003	12.06
5/10/2012 3:00	24479	8.63	167.9	12.82	17.1	5.035	170.8	18.4	13.52	62.86	61.31	77.39	75.61	0.03	0.012	26.3	5.06	0.003	15.4
5/10/2012 4:00	24480	8.11	151.1	11.49	15.31	4.763	155.7	17.7	9.95	60.26	58.94	88.8	86.6	0.08	0.007	26.27	5.083	0.022	16.34
5/10/2012 5:00	24481	10.38	159.8	10.29	17.1	6.139	164.1	17.41	13.52	59.31	57.86	90.4	89.2	0.21	0.01	26.27	5.219	0.136	15.5
5/10/2012 6:00	24482	6.41	106.8	41.41	15.31	3.798	111.4	44.91	9.95	58.96	57.38	91.8	92.6	0.19	0.047	26.25	5.359	0.14	15.92
5/10/2012 7:00	24483	10.9	68.77	21.29	20.68	6.616	67.24	26.87	17.1	58.14	56.46	89.3	91.2	0.01	0.219	26.22	5.365	0.007	11.82
5/10/2012 8:00	24484	11.06	77.25	12.36	20.68	6.84	76.09	21.75	15.31	57.67	56.06	89.3	89.7	0.02	2.741	26.21	5.385	0.019	12
5/10/2012 9:00	24485	6.047	108.6	23.73	13.52	3.744	112.5	30.12	11.74	57.85	56.01	90	89.7	0.21	4.158	26.24	5.575	0.19	12.24
5/10/2012 10:00	24486	11.24	55.91	15.67	22.47	6.937	52.98	19.08	17.1	58.52	56.07	90.8	91.3	0.34	15.27	26.23	5.826	0.251	16.6
5/10/2012 11:00	24487	14.38	68.25	9.82	22.47	8.93	66.28	18.34	17.1	59.52	56.27	90.4	91.5	0.03	63.78	26.22	5.854	0.028	16.53
5/10/2012 12:00	24488	14.4	77.54	11.93	22.47	8.77	75.68	21	17.1	61.22	56.82	87.8	87.9	0	174.7	26.19	5.857	0.003	15.27
5/10/2012 13:00	24489	13.53	109.7	23.68	22.47	8.34	111.7	30.66	18.89	68.43	59.26	84.9	81.8	0	267.2	26.21	5.863	0.006	16.04
5/10/2012 14:00	24490	12.57	131	16.06	20.68	7.978	133.8	23.13	17.1	72.19	62.07	78.34	74.35	0	470.6	26.21	5.863	0	12.32
5/10/2012 15:00	24491	7.266	122.1	26.27	13.52	5.213	124.3	32.75	13.52	66.43	63.5	71.97	68.12	0	454.9	26.21	5.862	-0.001	16.5
5/10/2012 16:00	24492	7.119	121.2	26.47	15.31	5.04	123.9	36.02	11.74	67.83	64.81	66.6	63.39	0	305.3	26.22	5.861	-0.001	12.03
5/10/2012 17:00	24493	12.18	89.1	13.13	20.68	7.678	90.1	21.07	15.31	63.42	60.03	78.97	76.69	0.1	69.24	26.19	5.923	0.062	12.04
5/10/2012 18:00	24494	9.78	108.3	31.02	18.89	5.883	109.8	35.33	15.31	59.72	55.64	86.6	84.5	0.22	32.54	26.16	6.107	0.184	15.54
5/10/2012 19:00	24495	6.7	70.54	12.53	11.74	4.229	68.23	19.52	8.16	59.81	54.87	87.1	85.6	0.05	32.41	26.15	6.149	0.042	12.14
5/10/2012 20:00	24496	4.165	73.37	16.07	9.95	2.518	69.98	19.32	6.368	60.2	54.95	85.4	84.4	0.03	16.5	26.15	6.169	0.019	16.51
5/10/2012 21:00	24497	4.292	47.66	13.72	8.16	2.423	46.68	16.54	6.368	60.44	55.16	87.5	85.3	0	3.05	26.15	6.172	0.003	15.62
5/10/2012 22:00	24498	4.131	94.6	16.5	6.368	2.487	92.4	21.18	6.368	60.92	55.58	90	87.9	0	0.054	26.16	6.168	-0.004	14.63
5/10/2012 23:00	24499	5.377	66	13.16	9.95	3.289	64.2	17.86	8.16	61.52	56.03	90.6	90	0	0.081	26.16	6.168	-0.001	16.55
5/11/2012 0:00	24500	8.68	56.55	11.44	13.52	5.401	52.79	17.16	9.95	61.47	55.96	90	89.9	0	0.097	26.17	6.171	0.003	16.4
5/11/2012 1:00	24501	7.573	47.28	9.29	18.89	4.192	42.51	14.72	8.16	61.09	55.74	89.3	88.3	0	0.078	26.17	6.168	-0.003	11.88
5/11/2012 2:00	24502	6.491	44.53	17.43	9.95	4.021	42.87	20.31	8.16	61.11	55.65	88.8	86.9	0	0.067	26.17	6.168	0	11.86
5/11/2012 3:00	24503	8.34	21.04	11.61	13.52	5.38	21.11	14.06	9.95	60.74	55.44	90	87.3	0	0.062	26.17	6.168	0	11.85
5/11/2012 4:00	24504	8.65	23.45	8.94	13.52	5.286	23.49	13.46	11.74	60.59	55.24	89.8	87.8	0	0.074	26.16	6.168	0	12.22
5/11/2012 5:00	24505	7.173	27.18	14.04	11.74	4.593	26.4	16.04	8.16	60.83	55.15	88.8	86.3	0	0.063	26.16	6.168	0	15.97
5/11/2012 6:00	24506	7.681	8.55	18.95	13.52	5.556	7.483	14.37	9.95	60.26	54.75	88.2	85.1	0	0.047	26.17	6.171	0.003	15.73
5/11/2012 7:00	24507	6.928	6.428	18.67	15.31	4.922	4.173	17.03	11.74	59.23	53.55	89.2	86.2	0	0.605	26.17	6.169	-0.002	11.85
5/11/2012 8:00	24508	5.083	14.62	20.94	9.95	3.445	12.86	19.56	8.16	59.7	53.75	88.5	85.7	0	57.68	26.18	6.169	0	11.89
5/11/2012 9:00	24509	5.237	352	21.78	9.95	4.097	350.6	18.95	8.16	60.56	55.05	87.6	83.8	0	124.9	26.21	6.168	-0.001	16.44
5/11/2012 10:00	24510	6.216	331.4	15.75	9.95	5.236	331.8	16.74	9.95	62.85	57.3	83	78.35	0	399.3	26.24	6.17	0.002	15.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/11/2012 11:00	24511	9.19	350.1	24.09	13.52	7.263	349.8	23.65	13.52	67.17	60.87	72.66	68.81	0	477.9	26.29	6.17	0	11.9
5/11/2012 12:00	24512	11.43	345.1	16.83	18.89	9.01	344.6	17.71	15.31	68.58	61.74	66.93	64.42	0	349.7	26.32	6.17	0	12.34
5/11/2012 13:00	24513	9.87	332.2	19.81	18.89	8.15	332.2	20.36	18.89	70.47	63.56	66.17	63.2	0	598.5	26.35	6.169	-0.002	11.83
5/11/2012 14:00	24514	8.4	351.5	21.81	15.31	6.634	349.9	23.18	13.52	72.33	65.21	63.08	60.41	0	398.7	26.36	6.168	0	12.1
5/11/2012 15:00	24515	11.61	343.3	14.49	18.89	9.4	342	17.19	17.1	73.03	66.21	62.22	59.74	0	531	26.36	6.168	0	11.98
5/11/2012 16:00	24516	11.68	355.3	15.27	20.68	8.99	353.9	18.63	18.89	73.24	66.23	62.89	60.39	0	517.3	26.36	6.168	0	11.88
5/11/2012 17:00	24517	14.66	357.3	16.37	24.26	10.85	355.6	18.11	22.47	74.4	67.1	59.4	57.47	0	283.7	26.36	6.168	0	15.78
5/11/2012 18:00	24518	13.45	21.99	15.86	26.05	8.63	20.86	18.17	22.47	74.36	66.71	57.42	55.6	0	226.8	26.35	6.169	0.001	15.92
5/11/2012 19:00	24519	13.55	33.34	13.35	20.68	7.91	31.42	15.09	18.89	74.7	67.21	58.2	56.03	0	385.2	26.35	6.162	-0.007	15.61
5/11/2012 20:00	24520	11.91	31.28	13.29	18.89	6.981	30.1	15.79	15.31	73.96	66.09	61.26	59.27	0	199.4	26.36	6.153	-0.009	12.15
5/11/2012 21:00	24521	14.15	21.52	9.51	22.47	8.95	20.36	13.85	22.47	72.04	64.07	62.63	60.6	0	22.36	26.37	6.145	-0.008	16.43
5/11/2012 22:00	24522	14.43	24.96	9.63	24.26	8.49	24.13	13.78	18.89	67.23	59.54	76.86	73.52	0	0.014	26.4	6.135	-0.009	11.99
5/11/2012 23:00	24523	11.47	29.47	10.99	18.89	6.449	29.56	13.73	15.31	65.28	57.52	77.96	74.79	0	0.003	26.42	6.132	-0.003	15.7
5/12/2012 0:00	24524	14.2	34.25	10.8	24.26	7.733	34.31	12.2	17.1	63.88	56.1	79.62	76.25	0	0.001	26.43	6.127	-0.006	11.92
5/12/2012 1:00	24525	11.44	34.38	12.83	27.84	6.464	34.32	13.95	17.1	62.61	54.78	81.1	77.52	0	0.002	26.43	6.121	-0.006	11.92
5/12/2012 2:00	24526	7.35	3.956	21.68	15.31	4.905	3.217	25.01	11.74	61.33	53.36	83.6	80.2	0	0.001	26.43	6.122	0.001	12.04
5/12/2012 3:00	24527	7.011	340.7	15.58	11.74	5.363	338.3	17.33	9.95	60.45	52.56	85.7	82	0	0	26.43	6.118	-0.003	12.27
5/12/2012 4:00	24528	8.54	359.1	10.49	15.31	6.229	357.6	15.5	11.74	60.37	52.55	85.7	82	0	0	26.43	6.118	0	11.83
5/12/2012 5:00	24529	9.7	13.53	11.04	15.31	6.884	12.4	14.87	13.52	59.49	51.65	86.7	82.7	0	0	26.43	6.115	-0.003	11.93
5/12/2012 6:00	24530	8.62	14.52	10.45	13.52	6.027	14.58	13.72	13.52	58.39	50.5	88	84.2	0	0.001	26.44	6.115	0	12.84
5/12/2012 7:00	24531	8.08	17.65	10.76	13.52	5.543	17.2	13.44	9.95	57.75	49.81	88.2	84.7	0	1.057	26.45	6.115	0	12.33
5/12/2012 8:00	24532	6.209	2.197	14.33	9.95	4.57	359.8	17.48	9.95	58.46	50.39	87.1	83.6	0	73.02	26.48	6.112	-0.003	11.84
5/12/2012 9:00	24533	8.42	24.62	16.16	13.52	5.26	23.81	19.35	11.74	61.08	53.22	81.9	77.73	0	178.4	26.52	6.115	0.003	12.19
5/12/2012 10:00	24534	9.29	29.97	14.72	15.31	5.75	28.03	16.62	11.74	62.99	55.15	76.16	72.5	0	260.3	26.55	6.114	-0.001	12.03
5/12/2012 11:00	24535	9.57	39.67	14.35	18.89	5.712	36.12	17.26	11.74	65.5	57.6	71.3	67.89	0	319.2	26.57	6.113	0	12.22
5/12/2012 12:00	24536	10.12	56.05	16.36	18.89	6.373	51.51	21.34	15.31	67.28	59.43	68.42	65.04	0	324.6	26.59	6.11	-0.003	11.85
5/12/2012 13:00	24537	8.13	59.66	26.85	17.1	5.395	54.25	32.5	11.74	70.66	62.87	62.26	59.07	0	548.2	26.61	6.109	-0.001	12.15
5/12/2012 14:00	24538	7.545	36.78	30.2	17.1	5.265	31.19	31.48	11.74	75.12	66.94	54.63	52.26	0	898	26.62	6.105	-0.005	16.59
5/12/2012 15:00	24539	8.76	54.28	25.7	18.89	5.899	49.29	30.5	15.31	77.68	69.79	49.29	47.22	0	921	26.62	6.098	-0.006	16.13
5/12/2012 16:00	24540	8.36	59.4	29.74	22.47	5.787	54.68	37.33	17.1	80.5	72.26	44.65	42.72	0	920	26.61	6.089	-0.01	12.39
5/12/2012 17:00	24541	6.659	65.51	36.85	15.31	4.741	58.6	41.95	11.74	82.6	73.79	41	39.53	0	791.6	26.59	6.076	-0.013	16.43
5/12/2012 18:00	24542	8.17	78.55	25.94	17.1	5.754	75.62	32.6	11.74	82.6	74.07	40.95	39.25	0	609.1	26.57	6.064	-0.012	15.88
5/12/2012 19:00	24543	8.1	83.2	19.31	17.1	5.743	81.8	28.69	13.52	82.1	73.6	41.23	39.58	0	409.4	26.55	6.048	-0.016	12.04
5/12/2012 20:00	24544	9.15	85.8	13.77	17.1	5.993	85	23.51	13.52	80.8	71.48	43.38	42.6	0	189.8	26.54	6.032	-0.016	16.13
5/12/2012 21:00	24545	8.78	83.7	9.57	13.52	5.295	81.7	19.49	9.95	77.42	67.6	49.79	49.54	0	21.57	26.54	6.02	-0.012	12.08
5/12/2012 22:00	24546	9.07	82.1	8.75	15.31	5.261	80.9	17.65	9.95	73.91	63.8	57.73	57.2	0	0.023	26.53	6.012	-0.008	16.39
5/12/2012 23:00	24547	7.361	74.07	7.814	13.52	4.167	68.25	16.4	8.16	71.71	61.51	63.1	62.51	0	0.008	26.55	6.005	-0.006	11.88
5/13/2012 0:00	24548	5.845	57.56	7.254	9.95	3.407	57.71	13.54	6.368	70.72	60.29	65.32	65.09	0	0.004	26.56	5.999	-0.006	16.21
5/13/2012 1:00	24549	8.02	90	19.62	15.31	4.293	89.8	25.81	9.95	69.27	58.68	69.76	69.26	0	0.005	26.55	5.999	0	11.84
5/13/2012 2:00	24550	8.87	119.4	10.33	15.31	4.983	119.4	19.91	9.95	68.93	58.53	74.08	72.28	0	0.003	26.53	5.993	-0.006	16.67
5/13/2012 3:00	24551	4.871	135.8	17.16	9.95	2.47	133.4	19.59	8.16	67.97	57.44	79.06	77.04	0	0.003	26.53	5.993	0.001	11.91
5/13/2012 4:00	24552	2.817	136.4	11.26	6.368	0.865	112.1	11.14	4.578	67.05	55.79	81.5	81.1	0	0.001	26.53	5.99	-0.003	12.18
5/13/2012 5:00	24553	5.942	139.9	22.97	9.95	2.496	130.4	27.67	6.368	65.97	54.73	84.8	83.5	0	0.001	26.51	5.991	0.001	16.46
5/13/2012 6:00	24554	4.273	102.9	27.68	6.368	1.828	69.43	13.21	4.578	65.16	53.58	87.4	86.3	0	0	26.52	5.992	0	12.55
5/13/2012 7:00	24555	1.955	51.35	29.47	6.368	0.991	41.55	34.02	4.578	65.56	54.51	87.2	86.2	0	0.797	26.53	5.992	0	12.2

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/13/2012 8:00	24556	4.301	77.04	40.87	11.74	2.583	75.25	41.12	8.16	66.32	55.35	86.1	85.1	0	23.12	26.54	5.988	-0.004	14.59
5/13/2012 9:00	24557	8.63	130.9	16.29	15.31	5.452	134.1	23.43	11.74	69.78	59.91	79.94	76.39	0	276.4	26.55	5.99	0.002	16.38
5/13/2012 10:00	24558	12.02	117.4	14.22	20.68	7.893	118.4	21.94	17.1	72.59	63.98	69.23	64.3	0	461.5	26.59	5.99	0	14.84
5/13/2012 11:00	24559	12.27	117.4	14.19	22.47	8	117.9	23.15	17.1	74.98	66.66	64.04	59.1	0	616.2	26.6	5.985	-0.005	12.01
5/13/2012 12:00	24560	12.24	139.4	15.73	18.89	8.03	143.3	22.09	17.1	77.18	68.81	58.41	53.91	0	723.1	26.62	5.978	-0.007	16.12
5/13/2012 13:00	24561	8.02	123.9	38.39	18.89	5.602	125.7	46.21	13.52	79.95	70.95	51.94	48.65	0	576.6	26.65	5.972	-0.006	13.67
5/13/2012 14:00	24562	4.908	82	31.19	13.52	3.511	79.52	37.79	9.95	80.2	70.27	50.6	48.61	0	304.8	26.64	5.968	-0.003	16.15
5/13/2012 15:00	24563	10.92	74.35	18.22	22.47	7.258	71.34	25.74	17.1	80.9	71.48	49.89	47.54	0	546.8	26.59	5.959	-0.01	16.43
5/13/2012 16:00	24564	11.9	98	14.13	20.68	7.868	97.6	22.54	15.31	81.6	71.68	47.25	45.78	0	346.5	26.56	5.949	-0.01	12.01
5/13/2012 17:00	24565	14.09	103.1	13.64	29.63	9.18	104.2	22.95	18.89	83	73.7	46.7	45.02	0	647.8	26.51	5.943	-0.006	12.01
5/13/2012 18:00	24566	12.62	108.6	13.47	20.68	8.05	109.1	22.27	17.1	83.6	73.23	41.9	40.68	0	234.5	26.51	5.927	-0.016	16.27
5/13/2012 19:00	24567	13.47	87	17.64	22.47	8.36	85.2	24.45	15.31	82.2	71.77	44.73	43.4	0	167.3	26.5	5.915	-0.013	15.71
5/13/2012 20:00	24568	14.68	81.7	9.71	22.47	9.14	80.9	19.08	15.31	80.1	69.43	48.25	47	0	97.1	26.48	5.896	-0.019	16.44
5/13/2012 21:00	24569	13.28	77.61	8.9	22.47	7.888	74.82	18.42	17.1	77.72	66.72	52.45	51.35	0	11.43	26.48	5.888	-0.008	11.95
5/13/2012 22:00	24570	12.08	43.13	21.42	20.68	7.304	40.38	23.29	13.52	75.73	64.92	59.86	58.34	0.02	0.02	26.5	5.888	0	15.3
5/13/2012 23:00	24571	9.84	40.99	16.61	17.1	5.698	39.32	20.14	13.52	71.79	60.76	77.78	76.38	0.05	0.003	26.53	5.885	-0.003	12.28
5/14/2012 0:00	24572	7.382	116	28.64	15.31	3.996	117.2	35.86	11.74	70.7	59.03	82	81.8	0.01	0.001	26.5	5.888	0.003	15.91
5/14/2012 1:00	24573	7.961	175.1	41.72	17.1	4.711	177.5	42.57	11.74	70.73	59.02	82.5	82.2	0.01	0.001	26.47	5.891	0.003	13.75
5/14/2012 2:00	24574	7.238	180.7	47.75	18.89	4.331	190.5	41.79	15.31	70.45	59.03	82.1	80.5	0	0.002	26.47	5.891	0	12.81
5/14/2012 3:00	24575	7.596	20.84	26.93	18.89	4.291	17.78	28.02	13.52	70.65	59.29	81.2	79.52	0	0.002	26.46	5.892	0	11.88
5/14/2012 4:00	24576	7.526	76.81	26.78	17.1	4.553	74.77	31.05	13.52	70.23	58.79	81.4	79.35	0	0.005	26.42	5.891	0	16.47
5/14/2012 5:00	24577	5.282	95.1	54.64	11.74	2.704	89.3	60.94	9.95	68.75	56.84	84.8	83.2	0	0.002	26.4	5.891	0	11.99
5/14/2012 6:00	24578	3.856	284.9	32.44	6.368	2.325	292.8	25.23	4.578	67.26	55.56	88.5	86.8	0	0	26.42	5.892	0.001	15.76
5/14/2012 7:00	24579	4.657	330.5	11.72	8.16	3.406	330.1	13.61	6.368	68.38	57.03	88.4	87.1	0	0.328	26.43	5.892	-0.001	12.2
5/14/2012 8:00	24580	7.525	324.8	9.78	13.52	5.957	326.6	10.83	11.74	68.95	57.8	88.4	86.5	0	11.65	26.47	5.894	0.003	15.08
5/14/2012 9:00	24581	8.87	2.531	26.84	13.52	6.177	2.814	27.48	11.74	69.29	58.34	87.1	84.3	0	28.76	26.49	5.904	0.01	15.83
5/14/2012 10:00	24582	5.879	42.56	63.93	13.52	3.985	43.14	64.41	9.95	69.39	58.4	87.8	85.1	0.04	116.2	26.48	5.942	0.038	11.92
5/14/2012 11:00	24583	8.23	125.8	49.9	20.68	5.471	127.9	53.19	15.31	69.89	59.12	87.5	85.4	0.01	88.2	26.46	5.958	0.016	12.01
5/14/2012 12:00	24584	7.967	265.3	41.77	18.89	5.796	267	44.01	17.1	69.61	58.55	83.9	82.6	0	19.86	26.49	5.964	0.006	11.87
5/14/2012 13:00	24585	6.767	256.9	21.74	11.74	4.975	255.8	23.49	9.95	70.1	59.18	83.3	80.6	0	79.78	26.49	5.974	0.009	15.55
5/14/2012 14:00	24586	8.84	180.9	41.77	17.1	5.895	183	43.4	11.74	69.7	58.84	79.08	77.81	0.01	101.8	26.46	5.99	0.016	12.42
5/14/2012 15:00	24587	8.25	301.6	71.11	18.89	6.362	295.9	69.23	15.31	75.6	64.79	60.87	60.05	0	659.1	26.44	5.996	0.006	12.3
5/14/2012 16:00	24588	9.72	272.4	39.23	18.89	7.683	272.5	42.37	13.52	78.16	67.87	54.22	53.23	0	752.5	26.48	6	0.004	12.02
5/14/2012 17:00	24589	14.05	345.7	23.64	34.99	10.78	345.2	23.93	31.42	75.26	65.23	59.9	57.79	0	398.4	26.49	6.003	0.003	15.67
5/14/2012 18:00	24590	15.84	9.85	13.3	27.84	11.79	8.21	13.73	24.26	69.65	59.25	72.48	69.37	0	73.8	26.47	6.005	0.002	12.08
5/14/2012 19:00	24591	13.13	27.64	17.43	22.47	8.21	24.59	18.27	17.1	68.47	58.02	78.19	75.62	0.01	100.1	26.43	6.018	0.013	11.95
5/14/2012 20:00	24592	11.79	46.93	11.48	20.68	6.882	42.85	15.47	17.1	68	57.42	75.46	73	0	48.75	26.42	6.018	0	14.84
5/14/2012 21:00	24593	6.879	21.44	18.08	11.74	4.617	18.99	18.98	9.95	67.71	57.16	78.3	75.23	0	17.58	26.43	6.021	0.003	11.94
5/14/2012 22:00	24594	6.186	33.75	15.5	11.74	3.566	31.88	16.31	8.16	66.33	55.62	82	78.87	0	0.011	26.44	6.025	0.004	16.27
5/14/2012 23:00	24595	5.587	356.9	14.68	9.95	4.04	353.4	18.5	8.16	65.07	54.31	85.8	82.5	0	0.002	26.45	6.033	0.007	16.61
5/15/2012 0:00	24596	6.341	11.31	13.33	9.95	4.643	9.22	15.34	8.16	64.7	54	86	82.6	0	0.001	26.46	6.039	0.006	14.86
5/15/2012 1:00	24597	8.93	349	11.68	15.31	6.632	347.4	14.37	11.74	64.94	54.13	87.7	84.4	0	0.001	26.44	6.045	0.006	12.95
5/15/2012 2:00	24598	7.555	10.98	13.46	13.52	5.396	10.2	15.55	11.74	64.47	53.73	88	84.7	0	0.001	26.43	6.055	0.01	12.06
5/15/2012 3:00	24599	7.989	18.68	11.11	13.52	5.187	19.67	12.8	9.95	63.65	52.87	88.3	85.3	0	0	26.42	6.061	0.006	11.94
5/15/2012 4:00	24600	7.958	13.16	13.65	13.52	5.675	11.87	15.38	11.74	62.78	52.06	88.7	85.4	0	0.001	26.42	6.064	0.003	16.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/15/2012 5:00	24601	4.675	335.6	23.65	8.16	3.029	331.9	27.76	6.368	61.56	50.64	90.5	87.5	0	0.004	26.41	6.074	0.01	13.76
5/15/2012 6:00	24602	4.961	333.5	19.95	8.16	3.103	332.1	22.12	6.368	60.28	49.18	91.2	89.4	0	0.008	26.42	6.08	0.006	15.62
5/15/2012 7:00	24603	4.503	344.2	20.55	8.16	2.779	338	24.48	6.368	60.25	49.29	90.9	90.7	0	0.78	26.42	6.087	0.006	15.08
5/15/2012 8:00	24604	6.737	359.4	11.71	11.74	4.696	356.2	14.46	9.95	62.18	50.96	88	88.8	0	75.38	26.44	6.093	0.006	16.67
5/15/2012 9:00	24605	7.317	14.98	12.46	13.52	5.325	15.52	13.36	9.95	66.78	55.78	80.9	77.31	0	270.1	26.47	6.104	0.011	12.01
5/15/2012 10:00	24606	5.314	16.2	17.6	8.16	3.97	12.99	20.6	9.95	70.96	61	71.85	67.89	0	480.9	26.5	6.113	0.009	12.18
5/15/2012 11:00	24607	3.608	356.9	26.49	9.95	3.019	347.7	26.1	8.16	76.75	66.41	58.8	56.45	0	681.6	26.55	6.121	0.008	12.49
5/15/2012 12:00	24608	3.454	353.2	58.9	9.95	3.056	345.2	58.35	8.16	78.78	68.94	53.22	51.66	0	658.4	26.59	6.127	0.006	16.03
5/15/2012 13:00	24609	4.835	320.8	52.74	13.52	4.185	324.8	53.06	11.74	82.1	71.74	47.49	46.63	0	936	26.59	6.133	0.006	12.27
5/15/2012 14:00	24610	4.162	331.2	47.58	11.74	3.788	326.6	52.09	11.74	86	75.12	40.55	40.2	0	1068	26.59	6.135	0.002	11.9
5/15/2012 15:00	24611	4.751	353.2	94.7	11.74	4.155	319.5	90.1	11.74	86.2	75.26	36.07	36.01	0	709.6	26.59	6.135	0	12.2
5/15/2012 16:00	24612	5.395	331.9	50.47	13.52	4.753	333.3	52.64	13.52	88.3	77.21	30.76	30.74	0	921	26.57	6.132	-0.003	16.54
5/15/2012 17:00	24613	5.298	41.02	82.2	15.31	4.244	33.09	85.3	11.74	88.2	77.29	28.74	28.75	0	683.7	26.56	6.133	0	11.84
5/15/2012 18:00	24614	4.235	8.33	64.2	13.52	3.423	357	66.38	9.95	90	78.46	25.25	25.67	0	639.7	26.54	6.132	0	16.37
5/15/2012 19:00	24615	4.324	20.51	39.49	13.52	3.489	16.65	42.91	11.74	88.6	77.49	24.41	24.77	0	410.3	26.53	6.133	0.001	13.32
5/15/2012 20:00	24616	5.135	49.43	23.37	13.52	3.41	44.64	27.09	9.95	87.2	75.74	26.25	27.19	0	207.7	26.51	6.133	0	13.81
5/15/2012 21:00	24617	4.598	72.37	10.96	8.16	2.507	70.91	14.16	6.368	84	72.1	30.01	33.67	0	30.72	26.5	6.133	0	11.89
5/15/2012 22:00	24618	6.648	111.9	12.98	9.95	2.954	107.5	17.67	4.578	77.38	64.33	42.47	48.49	0	0.045	26.48	6.132	-0.001	11.89
5/15/2012 23:00	24619	6.67	115.2	14.61	9.95	2.999	100.7	25.63	6.368	74.35	61.15	48.39	53.67	0	0.002	26.47	6.132	0	13.18
5/16/2012 0:00	24620	4.956	118.1	17.86	9.95	2.001	83.1	25.48	4.578	72.13	59.03	53.32	57.97	0	0.001	26.47	6.133	0	11.87
5/16/2012 1:00	24621	3.335	180	62.43	6.368	0.711	298.2	31.6	4.578	72.03	57.48	55.22	62.7	0	0	26.46	6.134	0.001	15.33
5/16/2012 2:00	24622	2.574	259.1	11.99	6.368	0.439	274	13.55	2.789	71.53	55.74	58.22	69.19	0	0	26.44	6.134	0.001	12.01
5/16/2012 3:00	24623	2.96	254.2	21.46	6.368	1.247	292.9	56.97	4.578	70.78	54.78	61.83	70.45	0	0	26.43	6.134	0	14
5/16/2012 4:00	24624	3.134	264	35.83	6.368	0.754	308	9.94	4.578	71.36	55.35	59.23	67.53	0	0	26.41	6.137	0.003	12.22
5/16/2012 5:00	24625	4.546	292	15.94	6.368	1.791	311.4	6.833	4.578	71.43	55.04	61.34	68.24	0	0	26.41	6.144	0.006	15.73
5/16/2012 6:00	24626	5.61	316.8	4.003	8.16	1.994	313.6	6.323	4.578	70.53	54.66	66.73	71.1	0	0	26.41	6.15	0.006	15.69
5/16/2012 7:00	24627	7.329	317.1	4.877	9.95	4.12	318	7.648	6.368	70.24	55.23	70.37	72.61	0	1.355	26.41	6.16	0.01	11.87
5/16/2012 8:00	24628	7.043	310.7	6.204	9.95	4.502	311.5	7.284	8.16	72.2	57.52	68.69	69.15	0	83.3	26.43	6.166	0.006	15.83
5/16/2012 9:00	24629	7.175	295.3	13.78	11.74	5.878	296.3	16.51	9.95	77.49	63.71	60.68	58.95	0	284.3	26.47	6.17	0.004	11.84
5/16/2012 10:00	24630	7.774	277.1	15.28	13.52	6.595	278	17.9	11.74	82	69.14	50.94	49.53	0	497.2	26.51	6.182	0.012	15.82
5/16/2012 11:00	24631	8.41	258.1	23.08	15.31	7.097	258	24.55	13.52	87.2	73.81	36.85	37.03	0	685.1	26.54	6.184	0.002	12.63
5/16/2012 12:00	24632	7.492	208.2	36.68	15.31	5.623	210.5	35.28	11.74	89.6	77.66	28.73	28.68	0	858	26.57	6.19	0.006	12.2
5/16/2012 13:00	24633	5.392	246.3	50.76	15.31	4.579	245.5	49.36	13.52	91.5	79.33	25.37	25.76	0	963	26.58	6.189	-0.001	11.95
5/16/2012 14:00	24634	7.651	182.3	32.26	18.89	5.812	188.9	36.98	13.52	92.8	81.7	23.37	23.35	0	1011	26.57	6.193	0.003	14.57
5/16/2012 15:00	24635	7.065	203.1	29.45	17.1	5.684	207.7	37.32	17.1	94.1	82.9	19.71	19.96	0	1011	26.55	6.193	0	16.05
5/16/2012 16:00	24636	7.951	202.2	35.41	24.26	6.248	205.4	40.86	20.68	94.6	83.4	18.89	19.19	0	945	26.53	6.193	0	15
5/16/2012 17:00	24637	8.45	206	36.3	18.89	6.724	210.4	38.86	15.31	94.7	83.2	17.81	18.25	0	820	26.5	6.193	0	15.95
5/16/2012 18:00	24638	7.417	205.3	29.85	17.1	5.873	210.4	33.88	15.31	94.2	83.1	19.44	19.78	0	642.3	26.48	6.183	-0.009	13.07
5/16/2012 19:00	24639	8.39	192.3	32.28	18.89	6.05	195.8	36.28	13.52	92.7	82.1	20.04	20.28	0	438.7	26.46	6.174	-0.009	11.97
5/16/2012 20:00	24640	9.07	174.6	23.24	18.89	6.1	179.6	26.82	18.89	91.4	80.2	21.31	22.13	0	221.7	26.45	6.165	-0.009	15.11
5/16/2012 21:00	24641	7.94	150.3	7.019	13.52	3.978	149.4	13.86	9.95	86.4	74.47	24.67	27.38	0	33.93	26.44	6.159	-0.006	11.9
5/16/2012 22:00	24642	6.812	164.8	7.102	9.95	2.306	156.5	14.24	4.578	80.5	66.23	35.63	41.54	0	0.049	26.42	6.157	-0.001	16.23
5/16/2012 23:00	24643	6.767	158.8	7.506	9.95	2.316	152.4	13.88	4.578	76.84	63.58	43.42	48.54	0	0.005	26.4	6.158	0	16.31
5/17/2012 0:00	24644	6.725	151.3	9.28	9.95	2.246	136.9	13.26	4.578	74.56	61.08	46.1	52.28	0	0.002	26.39	6.161	0.003	16.47
5/17/2012 1:00	24645	6.047	143.9	9.19	9.95	1.652	106.6	13.76	4.578	73.86	59.75	45.99	54.54	0	0.002	26.37	6.158	-0.003	12.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/17/2012 2:00	24646	7.786	144.4	6.518	9.95	2.898	131.3	14.47	6.368	72.49	58.98	50.71	57.32	0	0.001	26.35	6.159	0.001	11.97
5/17/2012 3:00	24647	6.795	158.4	10.35	9.95	2.4	151.2	15.09	4.578	70.03	57.58	57.79	61.91	0	0.002	26.34	6.159	0	12.12
5/17/2012 4:00	24648	3.734	171.5	13.2	8.16	0.418	141	9.02	4.578	67.65	55.49	61.66	65.56	0	0.001	26.33	6.16	0.001	15.45
5/17/2012 5:00	24649	1.718	162.4	13.21	6.368	0.424	110.2	10.48	2.789	67.1	55.38	62.55	66.25	0	0	26.32	6.16	0	12.26
5/17/2012 6:00	24650	1.923	129.1	9.28	6.368	2.369	80.4	7.955	4.578	67.41	54.47	62.33	68.66	0	0.001	26.32	6.16	0	11.85
5/17/2012 7:00	24651	5.234	144.5	7.164	8.16	1.881	102.6	9.55	4.578	66.34	53.15	64.36	71.17	0	1.535	26.32	6.16	0	12.35
5/17/2012 8:00	24652	3.815	139.7	12.67	8.16	0.914	120.8	17.02	4.578	68.1	56.58	64.18	67.16	0	91.7	26.32	6.166	0.006	16.54
5/17/2012 9:00	24653	7.6	180	13.83	15.31	5.189	185.6	18.01	13.52	74.66	65.55	53.69	52.44	0	295.6	26.37	6.173	0.008	11.98
5/17/2012 10:00	24654	16.29	181.4	9.93	27.84	10.47	186.4	16.27	20.68	79.7	71.37	43.36	41.93	0	513.2	26.41	6.188	0.015	12.17
5/17/2012 11:00	24655	17.62	182.9	11.34	27.84	11.48	187.1	16.88	20.68	83	75.02	38.1	36.6	0	702.6	26.43	6.187	-0.001	11.99
5/17/2012 12:00	24656	16.54	182.2	12.58	26.05	10.97	186.4	18.06	20.68	85.5	78.21	31.73	30.45	0	875	26.44	6.187	0	16.24
5/17/2012 13:00	24657	15.04	175.9	14.77	26.05	9.91	180.1	19.79	18.89	88.5	82	26.99	25.95	0	984	26.44	6.186	-0.001	15.89
5/17/2012 14:00	24658	13.55	180.3	17.51	27.84	9.36	184.6	21.88	17.1	91.1	84.7	21.17	20.73	0	1030	26.43	6.186	0	16.31
5/17/2012 15:00	24659	12.02	188.5	19.34	20.68	8.66	193.8	22.5	17.1	92.7	86.4	16.34	16.46	0	1020	26.41	6.183	-0.003	11.99
5/17/2012 16:00	24660	12.07	179.7	20.83	24.26	8.38	185	23.94	20.68	93.7	87.7	14.29	14.64	0	946	26.39	6.17	-0.013	12.02
5/17/2012 17:00	24661	13.87	175.5	18.06	26.05	9.16	180.1	22.44	20.68	94.3	88.5	14.94	15.21	0	812	26.37	6.158	-0.013	16.2
5/17/2012 18:00	24662	13.8	170.7	14.59	22.47	9.15	174.4	20.25	17.1	93.8	87.9	15.51	15.88	0	636.6	26.34	6.139	-0.019	12.09
5/17/2012 19:00	24663	15.19	178.5	12.5	26.05	9.88	182.7	17.83	20.68	92.8	86.7	16.66	17.11	0	414.8	26.32	6.12	-0.019	11.99
5/17/2012 20:00	24664	15.14	168.4	11.44	24.26	9.16	171.4	17.73	18.89	90.6	83.9	19.1	19.92	0	176.8	26.3	6.108	-0.012	14.49
5/17/2012 21:00	24665	12.79	157.5	7.938	20.68	7.381	160.3	15.1	17.1	86.3	79.24	24.63	25.51	0	36.39	26.28	6.095	-0.012	12.01
5/17/2012 22:00	24666	11.18	150.1	7.895	17.1	6.162	151.6	15.35	11.74	81.4	73.9	31.17	32.2	0	0.08	26.26	6.089	-0.006	12.02
5/17/2012 23:00	24667	12.63	155.6	9.01	18.89	7.249	158.3	16.06	13.52	78.85	71.69	36.75	37.31	0	0.023	26.25	6.087	-0.002	15.7
5/18/2012 0:00	24668	15.57	162.3	8.38	26.05	9.13	164.8	16.3	18.89	77.69	70.85	39.51	39.75	0	0.028	26.26	6.088	0.001	11.88
5/18/2012 1:00	24669	16.61	167.1	8.48	40.36	9.84	170.9	16.48	20.68	75.61	69.18	44.99	44.79	0	0.025	26.25	6.085	-0.003	14.2
5/18/2012 2:00	24670	15.88	172.9	8.79	26.05	9.68	177.6	16.08	18.89	73.54	67.26	50.35	49.77	0	0.013	26.24	6.085	0	12.11
5/18/2012 3:00	24671	14.11	173.8	8.87	22.47	8.56	177.3	16.02	17.1	71.75	65.49	54.25	53.43	0	0.01	26.21	6.085	0	11.88
5/18/2012 4:00	24672	12.27	177.6	8.76	18.89	7.382	181.8	15.31	13.52	69.96	63.72	58.66	57.65	0	0.008	26.2	6.085	0	15.6
5/18/2012 5:00	24673	11.06	181.5	8.64	18.89	6.646	186.1	15.26	13.52	68.75	62.49	62.75	61.55	0	0.005	26.18	6.085	0	11.86
5/18/2012 6:00	24674	9.86	184.2	8.79	15.31	5.998	189.5	14.8	11.74	67.65	61.33	66.08	64.85	0	0.004	26.17	6.082	-0.003	13.54
5/18/2012 7:00	24675	8.35	191.7	9.82	11.74	4.99	194.8	15.3	8.16	66.67	60.17	68.85	67.77	0	1.331	26.16	6.085	0.003	15.96
5/18/2012 8:00	24676	6.289	195.3	8.62	9.95	3.84	198.7	13.74	8.16	67.09	60.79	69.55	68.05	0	80.8	26.17	6.081	-0.003	11.97
5/18/2012 9:00	24677	10.22	194.5	9.46	15.31	7.175	199.3	13.46	11.74	71.79	66.54	61.22	58.48	0	282	26.19	6.085	0.003	15.75
5/18/2012 10:00	24678	13.05	202	8.24	18.89	9.21	205.7	12.76	15.31	76.88	72.19	50.46	48.18	0	501.6	26.23	6.083	-0.002	12.01
5/18/2012 11:00	24679	12.83	213.3	12.29	18.89	9.5	214.6	14.66	17.1	82.9	78.07	39.25	37.93	0	698.3	26.25	6.086	0.003	16.16
5/18/2012 12:00	24680	12.01	220.4	13	18.89	9.2	221.7	15.24	17.1	88.7	83.9	29.55	29.03	0	872	26.28	6.088	0.002	16.02
5/18/2012 13:00	24681	11.91	212.2	16.79	20.68	8.9	214.1	18.8	17.1	93	89	23.44	23.2	0	981	26.29	6.088	0	16.42
5/18/2012 14:00	24682	12.72	200.3	15.3	22.47	9.2	203.6	18.08	17.1	96.5	93.5	16.09	16.3	0	1026	26.29	6.088	0	12.12
5/18/2012 15:00	24683	13.72	215.6	17.94	24.26	10.28	217.9	19.11	20.68	99.3	95.9	7.264	8.52	0	1018	26.27	6.088	0	12.12
5/18/2012 16:00	24684	17.39	218.9	14.91	29.63	12.98	220.8	16.65	24.26	99.4	96.5	5.014	6.411	0	948	26.26	6.069	-0.019	16.23
5/18/2012 17:00	24685	19.14	223.2	14.74	38.57	14.15	224.7	16.48	33.21	99.3	96.3	4.157	5.674	0	817	26.24	6.037	-0.032	12.07
5/18/2012 18:00	24686	17.79	226.8	14.68	31.42	13.37	228.4	16.17	26.05	99.1	96	3.753	5.441	0	640.4	26.22	6.009	-0.029	15.09
5/18/2012 19:00	24687	17.64	215.9	12.6	31.42	12.54	217.8	15.19	26.05	98.3	95.3	3.239	5.023	0	430.2	26.2	5.983	-0.025	12.05
5/18/2012 20:00	24688	19.51	182.6	19.02	33.21	12.29	186.2	22.13	24.26	94	90.9	19.06	19.7	0	215	26.2	5.964	-0.019	16.33
5/18/2012 21:00	24689	17.89	167.6	8.4	29.63	10.62	171.6	16.36	20.68	86.7	83.3	35.62	35.69	0	25.85	26.2	5.953	-0.012	12.24
5/18/2012 22:00	24690	13.07	168.2	10.45	24.26	7.854	172.3	17.12	17.1	81.8	78.04	45.26	45.16	0	0.081	26.19	5.946	-0.006	11.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/18/2012 23:00	24691	15.19	172.3	9.6	26.05	9.11	177.5	16.58	18.89	78.69	75.04	52.92	52.13	0	0.024	26.19	5.943	-0.003	16.01
5/19/2012 0:00	24692	15.76	172	9	27.84	9.56	176.3	16.09	18.89	76.19	72.55	59.02	57.79	0	0.022	26.19	5.944	0.001	12.03
5/19/2012 1:00	24693	16.65	171.4	9.02	27.84	10.09	175.8	16.46	20.68	74.65	70.98	60.91	59.59	0	0.017	26.18	5.945	0.001	16.4
5/19/2012 2:00	24694	14.86	175.4	8.85	24.26	9.03	179.1	16.11	17.1	73.24	69.47	59.65	58.53	0	0.015	26.18	5.945	0	12.01
5/19/2012 3:00	24695	14.4	174.6	9.98	24.26	8.68	178.2	16.73	18.89	72.09	68.27	58.74	57.72	0	0.011	26.17	5.945	0	12.56
5/19/2012 4:00	24696	11.04	180	10.74	18.89	6.691	185.1	16.76	13.52	70.86	66.92	59.59	58.79	0	0.006	26.17	5.945	0	11.86
5/19/2012 5:00	24697	7.615	187.7	10.17	13.52	4.292	192	15.21	8.16	68.84	64.52	62.48	62.28	0	0.004	26.16	5.945	0	16.2
5/19/2012 6:00	24698	6.584	187	9.75	9.95	3.394	189.5	16.11	6.368	67.22	62.44	65.24	65.75	0	0.001	26.16	5.945	0	15.54
5/19/2012 7:00	24699	5.594	203	11.68	8.16	2.218	210.8	17.87	4.578	65.18	59.99	69.09	70.36	0	1.561	26.15	5.946	0	12.28
5/19/2012 8:00	24700	5.636	206.6	9.59	11.74	2.936	212.9	11.17	9.95	66.01	61.35	68.97	69.14	0	84.4	26.16	5.945	0	11.86
5/19/2012 9:00	24701	10.63	201.9	8.28	17.1	7.445	205.5	12.58	13.52	70.85	68.08	60.35	57.86	0	292.6	26.21	5.945	0	11.95
5/19/2012 10:00	24702	10.74	213	14.03	17.1	8	215.6	15.98	13.52	76.06	73.7	50	48	0	514.7	26.26	5.947	0.001	12.29
5/19/2012 11:00	24703	9.12	237.2	17.19	15.31	7.361	237.4	18.43	13.52	81.9	78.93	38.98	38.22	0	708.6	26.29	5.949	0.003	11.83
5/19/2012 12:00	24704	6.783	290.2	48.83	13.52	5.673	288.8	50.18	11.74	88.2	85.2	20.67	21.27	0	883	26.33	5.949	-0.001	11.99
5/19/2012 13:00	24705	5.718	292.4	36.9	15.31	4.87	296.9	41.29	13.52	92.1	89.1	15.22	16.2	0	993	26.35	5.952	0.003	12.04
5/19/2012 14:00	24706	9.4	233.2	26.98	22.47	7.57	235.6	28.15	17.1	93.6	91.8	8.3	9.77	0	1051	26.35	5.952	0	12.71
5/19/2012 15:00	24707	13.47	233.9	20.85	26.05	10.7	234.7	21.28	20.68	94	92.8	3.12	4.592	0	1049	26.34	5.948	-0.003	16.36
5/19/2012 16:00	24708	13.47	237.7	17.38	26.05	10.78	237.8	18.13	22.47	94.3	93.2	2.554	3.331	0	978	26.33	5.939	-0.01	12.12
5/19/2012 17:00	24709	10.22	259.9	20.47	20.68	8.39	260	21.6	18.89	94.6	93.3	3.502	5.324	0	836	26.31	5.917	-0.022	12.74
5/19/2012 18:00	24710	11.1	228.9	22.97	24.26	8.63	231.4	24.49	18.89	94.6	93.6	2.897	4.488	0	655.5	26.3	5.901	-0.016	12.84
5/19/2012 19:00	24711	14.94	219.7	12.59	26.05	11.04	220.8	14.37	20.68	93.7	93.1	2.503	2.721	0	453.8	26.29	5.872	-0.029	12.04
5/19/2012 20:00	24712	13.14	229.7	10.64	24.26	9.73	230.9	11.89	17.1	92.4	91	2.518	3.882	0	236.1	26.28	5.847	-0.025	16.06
5/19/2012 21:00	24713	7.598	238.5	7.637	13.52	4.581	239.3	8.34	11.74	87.9	85.6	4.715	8.03	0	38.81	26.28	5.841	-0.006	12.03
5/19/2012 22:00	24714	3.837	200.9	20	17.1	2.034	126	29.42	11.74	80.7	75.88	11.19	16.47	0	0.081	26.28	5.839	-0.003	14.02
5/19/2012 23:00	24715	14.34	167.8	9.7	24.26	8.32	172	17.24	15.31	78.28	76.73	42.27	42.17	0	0.021	26.29	5.836	-0.003	11.98
5/20/2012 0:00	24716	12.22	170.5	8.87	20.68	7.226	174.2	16.64	15.31	75.09	73.89	56.96	55.99	0	0.03	26.31	5.836	0	12.23
5/20/2012 1:00	24717	10.55	173.2	8.98	18.89	6.22	177.3	16.11	13.52	72.22	71.02	67.72	66.1	0	0.022	26.31	5.837	0.001	15.65
5/20/2012 2:00	24718	9.71	178.5	8.76	15.31	5.716	182.8	15.95	11.74	70.28	69.08	75.26	73.26	0	0.017	26.31	5.837	0	16.55
5/20/2012 3:00	24719	8.23	174.7	8.98	13.52	4.601	179	16.34	9.95	68.64	67.27	77.54	75.86	0	0.01	26.3	5.837	0	15.86
5/20/2012 4:00	24720	6.224	177.7	10.39	9.95	2.811	182.1	16.54	6.368	66.8	65.02	78.98	78.05	0	0.006	26.29	5.837	0	11.95
5/20/2012 5:00	24721	3.587	173.8	14.12	8.16	0.524	168.9	10.79	4.578	65.02	62.63	80.7	81	0	0.002	26.28	5.837	0	15.65
5/20/2012 6:00	24722	3.445	171.6	10.24	6.368	0.213	161.4	5.184	2.789	64.55	61.85	78.96	80.4	0	0.001	26.28	5.837	0	12.51
5/20/2012 7:00	24723	8.14	346.3	54.98	20.68	5.62	352	20.57	17.1	65.48	63.56	73.68	74.09	0	1.624	26.31	5.837	0	12.04
5/20/2012 8:00	24724	6.184	43.72	31.47	11.74	3.771	42.82	36.52	9.95	66.57	65.64	73.12	71.23	0	81	26.36	5.844	0.006	12.08
5/20/2012 9:00	24725	9.94	87.3	13.36	15.31	6.559	85.6	20.96	11.74	69.66	69.94	65.45	62.58	0	271.9	26.4	5.85	0.006	11.83
5/20/2012 10:00	24726	9.13	76.7	22.07	15.31	6.154	73.98	28.23	11.74	73.49	74.59	57.16	53.84	0	456.6	26.45	5.854	0.005	11.92
5/20/2012 11:00	24727	12.3	25.25	14.52	24.26	8.4	23	17.78	18.89	73.85	74.28	59.69	56.16	0	609.6	26.48	5.861	0.006	16.34
5/20/2012 12:00	24728	10.53	28.23	16.96	18.89	7.056	27.2	19.29	15.31	76.2	76.93	55.91	52.38	0	738.1	26.5	5.864	0.003	11.96
5/20/2012 13:00	24729	10.44	50.04	24.55	22.47	6.981	47.6	28.58	17.1	79.18	80.6	50.24	46.88	0	884	26.52	5.86	-0.004	13.84
5/20/2012 14:00	24730	11.81	63.4	20.72	26.05	7.692	60.27	27.37	18.89	81.5	83.5	44.77	41.64	0	997	26.53	5.86	0	12.05
5/20/2012 15:00	24731	12.73	81.1	19.77	24.26	8.61	79.16	29.1	18.89	83.1	85.6	41.77	38.65	0	948	26.52	5.86	0	12.08
5/20/2012 16:00	24732	13.36	83.8	22.33	24.26	8.96	81.3	29.08	18.89	83.5	85.9	40.52	37.61	0	915	26.51	5.86	0	11.96
5/20/2012 17:00	24733	12.23	96.2	19.76	22.47	8.16	96.3	28.27	17.1	83.6	85.6	41.02	38.57	0	580	26.5	5.857	-0.003	12.1
5/20/2012 18:00	24734	12.65	104.9	15.67	22.47	8.42	106.3	24.87	18.89	83.8	85.3	39.99	38.17	0	487.5	26.48	5.851	-0.006	12.08
5/20/2012 19:00	24735	12.62	106.7	14.95	22.47	8	108.1	23.53	18.89	82.8	83.8	40.11	38.76	0	247.4	26.47	5.841	-0.01	16.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/20/2012 20:00	24736	12.61	109.3	12.38	20.68	7.929	111.4	21.02	15.31	81.8	82.1	39.83	39.1	0	123.3	26.46	5.832	-0.009	11.97
5/20/2012 21:00	24737	11.88	111.7	9.26	20.68	7.143	112.9	19.97	13.52	79.96	79.7	42.11	41.65	0	12.18	26.47	5.826	-0.006	12.03
5/20/2012 22:00	24738	12.48	111.4	8.34	20.68	7.506	112	18.26	15.31	77.73	77.35	44.42	43.94	0	0.073	26.48	5.823	-0.003	12.01
5/20/2012 23:00	24739	11.59	104.5	8.83	18.89	7.249	104.8	18.71	13.52	75.02	74.59	51.14	50.17	0	0.028	26.49	5.82	-0.003	15.67
5/21/2012 0:00	24740	12.69	107.8	8.93	20.68	7.828	108.2	18.45	15.31	73.77	73.36	54.71	53.47	0	0.027	26.5	5.82	0.001	11.96
5/21/2012 1:00	24741	13.55	116.4	8.44	31.42	8.09	117.8	18.49	20.68	72.68	72.25	57.25	55.91	0	0.031	26.51	5.821	0.001	11.93
5/21/2012 2:00	24742	8.82	114	10.14	15.31	4.865	114.5	19.29	9.95	70.13	69.44	61.75	60.65	0	0.02	26.51	5.821	0.001	12.08
5/21/2012 3:00	24743	6.211	101.3	11.64	9.95	3.263	95.5	18.47	6.368	67.68	66.56	65.88	65.47	0	0.01	26.5	5.821	0	15.59
5/21/2012 4:00	24744	7.997	123.5	6.976	13.52	3.937	122.1	15.89	8.16	66.1	64.9	68.67	68.28	0	0.009	26.48	5.821	0	11.96
5/21/2012 5:00	24745	6.938	121.9	15.46	11.74	3.445	118.1	25.35	6.368	64.77	63.59	71.97	71.32	0	0.006	26.47	5.821	0	12.15
5/21/2012 6:00	24746	7.242	75.5	8.17	9.95	4.003	68.53	15.68	8.16	64.04	63.04	73.87	72.77	0	0.009	26.48	5.821	0	12.09
5/21/2012 7:00	24747	7.619	86.5	7.773	11.74	4.193	84	16.17	6.368	62.99	62.21	76.36	74.66	0	3.22	26.48	5.821	0	12.19
5/21/2012 8:00	24748	7.46	80.3	21.03	13.52	4.795	78.51	26.13	11.74	64.44	64.43	74.66	71.88	0	112	26.5	5.821	0	16.39
5/21/2012 9:00	24749	12.2	127.4	12.04	18.89	7.729	129.5	20.28	13.52	68.8	69.96	64.37	60.89	0	283.7	26.53	5.824	0.002	11.95
5/21/2012 10:00	24750	13.78	145.6	12.42	20.68	8.86	148.6	18.89	17.1	71.3	73.18	59.83	55.68	0	490.9	26.56	5.829	0.005	12.74
5/21/2012 11:00	24751	13.44	148.3	14.8	20.68	8.66	151.6	20.96	18.89	73.86	76.21	57.84	53.33	0	678.1	26.59	5.832	0.003	15.91
5/21/2012 12:00	24752	10.65	132.9	19.46	20.68	7.182	134.4	28.03	17.1	76.81	79.53	52.63	48.65	0	846	26.61	5.832	0	12.03
5/21/2012 13:00	24753	12.59	125.2	16.67	26.05	8.49	127.7	24.36	20.68	79.29	82.3	47.45	43.83	0	948	26.62	5.834	0.003	15.14
5/21/2012 14:00	24754	14.65	127.3	17.42	24.26	9.55	129.4	25.12	18.89	81.6	84.9	41.9	38.57	0	994	26.62	5.834	0	12
5/21/2012 15:00	24755	15.61	134.3	19.46	31.42	10.08	137.2	25.74	20.68	82.6	85.6	38.72	35.86	0	903	26.6	5.834	0	12.08
5/21/2012 16:00	24756	15	136.1	16.33	26.05	9.65	139.8	23.16	20.68	83.4	86.2	37.86	35.21	0	856	26.58	5.828	-0.006	12.03
5/21/2012 17:00	24757	13.89	149	21.06	24.26	8.96	152.2	26.72	18.89	83.8	86.5	35.52	33.33	0	738.7	26.57	5.812	-0.016	12.85
5/21/2012 18:00	24758	13.5	149.6	17.66	24.26	8.6	153.6	23.24	18.89	83.7	85.8	35	33.25	0	538.5	26.54	5.796	-0.016	15.38
5/21/2012 19:00	24759	13.06	158.7	14.26	24.26	8.26	162.5	19.93	18.89	83.2	84.8	35.07	33.58	0	385.8	26.53	5.781	-0.016	11.99
5/21/2012 20:00	24760	12.28	152.4	9.34	18.89	7.394	155.4	16.55	15.31	81.3	81.6	37.46	36.78	0	117.5	26.51	5.772	-0.009	12.1
5/21/2012 21:00	24761	11.07	144.3	8.24	18.89	6.501	147.4	15.53	13.52	78.88	78.65	40.99	40.62	0	26.35	26.49	5.753	-0.019	12.2
5/21/2012 22:00	24762	7.732	127.8	8.21	11.74	3.889	125.9	16.49	8.16	74.99	73.93	47.34	47.75	0	0.079	26.48	5.753	0	12.96
5/21/2012 23:00	24763	8.36	134.2	6.815	11.74	4.34	134.3	15.77	8.16	73.02	71.83	50.9	51.3	0	0.019	26.47	5.751	-0.002	15.88
5/22/2012 0:00	24764	9.48	144.6	7.967	13.52	5.18	145.9	15.21	9.95	71.66	70.71	53.64	53.41	0	0.017	26.46	5.752	0	16.57
5/22/2012 1:00	24765	9.38	132.6	11.19	15.31	5.166	133.5	18.46	11.74	69.89	69.07	56.97	56.35	0	0.013	26.44	5.752	0	11.87
5/22/2012 2:00	24766	5.587	131.5	20.21	9.95	2.318	123.9	29.8	6.368	67.74	66.16	61.29	61.84	0	0.007	26.43	5.752	0	11.94
5/22/2012 3:00	24767	5.16	120.6	19.15	8.16	1.9	86.8	18.6	4.578	66.03	63.75	63.76	65.84	0	0.004	26.41	5.752	0	11.9
5/22/2012 4:00	24768	6.741	79.55	19.28	9.95	3.6	71.29	17.38	6.368	65.06	63.45	65.19	66.03	0	0.003	26.4	5.752	0	11.86
5/22/2012 5:00	24769	6.688	39.64	11.12	15.31	3.522	41.66	20.47	11.74	63.25	62.75	69.8	68.1	0	0.005	26.41	5.752	0	15.44
5/22/2012 6:00	24770	7.693	35.01	13.94	13.52	4.07	37.2	24.02	8.16	61.68	61.48	73.87	71.2	0	0.003	26.41	5.752	0	16.68
5/22/2012 7:00	24771	9.02	59.5	10.42	15.31	5.649	62.4	15.81	11.74	60.94	60.62	75.83	73.26	0	0.768	26.4	5.749	-0.003	16.66
5/22/2012 8:00	24772	9.88	85.1	14.03	15.31	5.978	83.6	21.56	11.74	62.17	61.97	72.99	70.58	0	64.48	26.38	5.752	0.003	14.96
5/22/2012 9:00	24773	12.65	138.7	14.75	22.47	7.71	141.4	21.06	15.31	68.59	69.52	61.42	58.38	0	265	26.4	5.771	0.019	14.46
5/22/2012 10:00	24774	15.24	166.4	12.55	22.47	9.44	170.9	19.15	17.1	71.37	73.07	57.62	53.85	0	463	26.43	5.775	0.005	11.9
5/22/2012 11:00	24775	15.1	184.5	12.93	22.47	10.19	188.3	18.24	17.1	75.23	77.19	51.2	47.79	0	678.3	26.45	5.778	0.003	15.8
5/22/2012 12:00	24776	16.54	175.9	13.22	27.84	10.78	179.8	18.96	22.47	78.68	81.2	42.76	39.87	0	842	26.45	5.784	0.006	12.05
5/22/2012 13:00	24777	18.18	180.7	13.12	27.84	11.74	184.8	18.78	22.47	81.4	84.1	38.37	35.61	0	953	26.43	5.784	-0.001	12.53
5/22/2012 14:00	24778	17.65	178.9	12.96	26.05	11.61	182.5	17.67	20.68	84.5	87.3	33.19	30.96	0	1003	26.41	5.784	0	12.12
5/22/2012 15:00	24779	16.3	178.6	13.83	26.05	11.29	187.9	41.29	74.36	87.1	90.1	27.62	25.93	0	980	26.39	5.771	-0.013	11.99
5/22/2012 16:00	24780	8.66	327.4	79.12	22.47	10.11	188	19.21	18.89	94.7	91.8	18.85	22.77	0	850	26.37	5.749	-0.022	12.02

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/22/2012 17:00	24781	7.642	305.3	82.7	24.26	10.21	189	19.9	22.47	95	91.8	21.87	25.06	0	771	26.34	5.736	-0.013	12.12
5/22/2012 18:00	24782	15.3	183.3	15.67	24.26	10.1	185.9	19.78	18.89	90.5	92.2	25.81	25.02	0.11	620	26.31	5.714	-0.022	12.02
5/22/2012 19:00	24783	15.84	167.8	12.95	24.26	9.8	171.4	18.54	20.68	90.4	91.8	26.84	26.13	0	418	26.28	5.692	-0.022	16.37
5/22/2012 20:00	24784	17.83	162.5	9.32	26.05	10.7	165.4	16.41	20.68	88.1	88.5	30.66	30.32	0	211.8	26.26	5.67	-0.022	11.98
5/22/2012 21:00	24785	15.89	161.8	8.54	27.84	9.41	165.4	16.02	18.89	84	83.7	36.21	36.01	0	18.33	26.24	5.648	-0.021	16.43
5/22/2012 22:00	24786	13.94	164.6	8.6	22.47	7.996	166.9	15.97	15.31	80.3	79.74	41.78	41.55	0	0.102	26.22	5.639	-0.009	16.49
5/22/2012 23:00	24787	14.73	165.6	8.66	22.47	8.57	167.5	16.03	15.31	77.7	77.21	45.26	44.82	0	0.037	26.2	5.633	-0.006	11.85
5/23/2012 0:00	24788	13.77	169.8	8.82	22.47	7.989	172.7	16.46	17.1	75.37	74.81	49.03	48.45	0	0.034	26.19	5.63	-0.003	12.16
5/23/2012 1:00	24789	11.6	171.4	8.94	33.21	6.653	174.4	16.15	20.68	73.13	72.41	52.67	52.06	0	0.03	26.17	5.627	-0.002	15.55
5/23/2012 2:00	24790	8.99	175.8	10.16	15.31	5.022	178.4	17.34	11.74	70.24	69.27	58.05	57.52	0	0.014	26.14	5.625	-0.003	11.99
5/23/2012 3:00	24791	9.58	186.4	11.87	17.1	5.751	190	16.45	11.74	69.59	68.79	57.78	56.93	0	0.013	26.12	5.625	0	15.23
5/23/2012 4:00	24792	9.81	185.1	10.11	15.31	5.893	189.2	15.58	9.95	68.24	67.49	62.38	61.2	0	0.013	26.1	5.625	0	15.47
5/23/2012 5:00	24793	9.46	196.2	9.21	15.31	5.843	198.5	12.99	11.74	66.69	65.88	66.17	64.9	0	0.011	26.08	5.628	0.003	15.49
5/23/2012 6:00	24794	7.848	205.7	9.94	11.74	4.525	208.5	13.91	8.16	64.51	63.49	70.54	69.4	0	0.007	26.07	5.625	-0.003	12.22
5/23/2012 7:00	24795	5.91	234.9	13.62	9.95	3.242	247.3	20.86	6.368	61.72	60.39	76.09	75.04	0	1.682	26.06	5.625	0	12.15
5/23/2012 8:00	24796	4.184	238.8	7.621	6.368	1.739	248.3	10.38	4.578	62.13	60.75	76.47	75.58	0	77.83	26.06	5.146	-0.479	15.46
5/23/2012 9:00	24797	6.263	224.3	11.54	9.95	4.911	225.1	13.8	8.16	66.45	66.95	68.18	64.84	0	283.8	26.09	5.149	0.003	11.9
5/23/2012 10:00	24798	6.96	228.9	15.14	11.74	5.544	228	16.33	9.95	74.41	75.12	48.7	46.97	0	491.9	26.13	5.151	0.002	15.64
5/23/2012 11:00	24799	6.84	265.2	17.59	13.52	5.738	260.9	20.53	11.74	85.9	86	19.1	20.25	0	671	26.15	5.147	-0.004	11.82
5/23/2012 12:00	24800	9.55	262.6	18.67	18.89	7.688	260.4	21.03	17.1	90.7	90.8	6.804	8.62	0	719.7	26.18	5.15	0.003	15.64
5/23/2012 13:00	24801	13.58	256.5	14.83	29.63	10.87	253.9	18.71	70.78	92.9	93.3	4.497	5.627	0	895	26.18	5.14	-0.01	11.83
5/23/2012 14:00	24802	18.64	257.5	14.79	31.42	14.54	256.1	17.02	24.26	94.6	95.4	2.527	2.087	0	998	26.17	5.115	-0.025	11.82
5/23/2012 15:00	24803	18.19	253.8	14.54	31.42	14.42	251.9	16.08	26.05	96.6	97.3	2.559	2.027	0	981	26.14	5.09	-0.025	15.73
5/23/2012 16:00	24804	18.82	255.8	12.96	31.42	14.98	254.2	14.25	24.26	97.3	97.9	2.576	1.905	0	870	26.12	5.067	-0.022	11.88
5/23/2012 17:00	24805	18.38	256.8	15.12	29.63	14.59	256.2	16.37	26.05	98.3	98.7	2.604	1.912	0	769.4	26.09	5.042	-0.025	16.12
5/23/2012 18:00	24806	17.3	258.1	15.8	27.84	13.69	256.7	16.94	24.26	98.5	98.8	2.588	1.92	0	633	26.07	5.01	-0.032	12.02
5/23/2012 19:00	24807	16.94	235.6	14.27	26.05	12.93	235	15.19	22.47	97.9	98.1	2.589	1.917	0	432.1	26.06	4.979	-0.032	12.06
5/23/2012 20:00	24808	13.79	235.4	12.1	26.05	10.45	235	12.96	22.47	96.7	96.2	2.59	1.925	0	221.2	26.04	4.96	-0.019	11.88
5/23/2012 21:00	24809	9.41	224.9	14.66	20.68	6.035	224.2	16.58	15.31	91.7	90.4	3.117	4.917	0	25.97	26.03	4.95	-0.009	16.14
5/23/2012 22:00	24810	6.386	220.9	12.72	9.95	2.8	214.8	16.1	6.368	85.1	82.2	8.76	11.92	0	0.102	26.02	4.948	-0.003	12.46
5/23/2012 23:00	24811	7.786	204.9	8.17	13.52	3.869	202.6	14.78	11.74	81.3	78.39	11.65	14.87	0	0.019	26.01	4.945	-0.003	15.16
5/24/2012 0:00	24812	9.06	211.8	11.18	13.52	5.409	212	13.75	9.95	79.82	78.4	13.1	15.03	0	0.025	26.01	4.945	0	11.92
5/24/2012 1:00	24813	12.49	239.2	11.08	24.26	9.23	238.6	12.23	17.1	83.8	82.7	8.4	10.26	0	0.012	26.01	4.942	-0.003	16.5
5/24/2012 2:00	24814	12.61	249.2	8.9	20.68	9.52	247.9	9.92	17.1	84	83.1	8.78	10.38	0	0.039	26.02	4.935	-0.006	11.84
5/24/2012 3:00	24815	12.74	258.6	10.7	20.68	9.52	255.8	12.05	17.1	82.7	81.7	9.3	10.91	0	0.035	26.01	4.932	-0.003	12.19
5/24/2012 4:00	24816	7.829	189	16.25	22.47	3.936	185.6	21.46	15.31	75.7	73.89	15.24	17.3	0	0.022	26.01	4.932	0	15.92
5/24/2012 5:00	24817	5.424	195.8	26.62	11.74	2.087	160.2	17.28	8.16	70.85	66.48	19.7	24.82	0	0.006	25.99	4.905	-0.027	11.99
5/24/2012 6:00	24818	8.17	257.8	15.58	15.31	4.907	258.8	15.31	9.95	71.58	69.22	18.71	21.55	0	0.004	25.98	4.905	0	12.76
5/24/2012 7:00	24819	8.21	253.8	22.16	18.89	5.643	243.4	47.41	15.31	72.18	69.86	18.36	21.27	0	1.61	26	4.905	0	11.92
5/24/2012 8:00	24820	12.91	269.3	16.02	24.26	9.67	266.5	17.76	22.47	77.08	76.12	14.55	16.09	0	83	26.03	4.908	0.002	11.94
5/24/2012 9:00	24821	18.97	267.1	10.45	29.63	14.76	265.7	12.43	26.05	80.6	80.4	13.08	14.17	0	306.1	26.08	4.907	-0.001	16.11
5/24/2012 10:00	24822	23.02	262.1	10.81	38.57	17.83	260.5	12.72	31.42	83.2	83.5	10.88	11.95	0	505	26.11	4.9	-0.006	13.78
5/24/2012 11:00	24823	23.02	268.9	12.13	38.57	18.02	267	14.17	31.42	86	86.4	8.37	9.51	0	688.6	26.13	4.893	-0.007	16.35
5/24/2012 12:00	24824	20.67	273.5	12.28	34.99	16.3	272	15.21	29.63	88.5	89.2	6.83	7.986	0	855	26.15	4.877	-0.016	16.23
5/24/2012 13:00	24825	18.27	269.6	13.73	29.63	14.53	267.6	15.69	24.26	91	91.9	5.628	6.844	0	985	26.16	4.861	-0.016	13.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/24/2012 14:00	24826	19.51	266.7	17.29	33.21	15.64	265.5	19.18	29.63	92.8	93.8	3.021	4.137	0	1059	26.16	4.842	-0.019	12.26
5/24/2012 15:00	24827	18.71	255.2	15.84	34.99	15.06	253.9	17.24	27.84	94	94.9	2.542	3.013	0	1051	26.15	4.82	-0.022	16.13
5/24/2012 16:00	24828	17.75	256.7	17.04	33.21	14.19	255.9	18.48	26.05	94.9	95.8	2.527	1.932	0	975	26.14	4.785	-0.035	11.98
5/24/2012 17:00	24829	16.86	257.5	18.66	31.42	13.54	257.1	20.17	26.05	95.7	96.5	2.546	1.893	0	852	26.13	4.757	-0.029	13.83
5/24/2012 18:00	24830	12.03	229.3	23.02	24.26	9.27	229.5	24.19	18.89	96.4	97.1	2.558	1.901	0	670.6	26.12	4.735	-0.022	12.08
5/24/2012 19:00	24831	16.26	230.2	10.91	29.63	12.17	230	12.73	22.47	96	96.6	2.568	2.01	0	458	26.11	4.709	-0.025	12
5/24/2012 20:00	24832	17.48	229.5	9.68	29.63	12.92	229.5	11.58	24.26	94.6	94.5	2.961	4.021	0	232.5	26.11	4.678	-0.032	12.15
5/24/2012 21:00	24833	11.87	225.1	8.04	20.68	8.13	225.4	10.73	17.1	90.6	90	6.512	8.01	0	33.44	26.11	4.652	-0.025	14.09
5/24/2012 22:00	24834	6.683	207.1	10.03	9.95	2.902	200.8	17.88	6.368	84.2	80.9	9.77	13.11	0	0.126	26.1	4.628	-0.025	15.91
5/24/2012 23:00	24835	4.434	209.1	28.01	9.95	1.553	197.6	43.87	4.578	80.9	77.26	10.99	15.43	0	0.017	26.09	4.628	0	15.33
5/25/2012 0:00	24836	8.6	150.9	11.79	24.26	4.019	137.6	20.38	17.1	76.33	73.06	17.44	20.44	0	0.014	26.09	4.626	-0.002	15.39
5/25/2012 1:00	24837	14.39	159.4	8.24	22.47	8.03	160.5	15.88	17.1	78.94	77.95	36.56	36.52	0	0.028	26.1	4.628	0.002	15.4
5/25/2012 2:00	24838	11.27	172.3	14.69	18.89	6.293	175.3	21.34	17.1	77.06	76.09	43.18	43.16	0	0.035	26.11	4.625	-0.004	16.72
5/25/2012 3:00	24839	5.896	211.5	21.48	9.95	2.866	217.4	28.51	6.368	73.78	71.88	49.92	50.84	0	0.016	26.12	4.626	0.001	11.81
5/25/2012 4:00	24840	7.261	171.4	15.26	13.52	3.05	163.7	19.58	8.16	71.9	68.92	56.71	58.36	0	0.012	26.11	4.626	0	16.57
5/25/2012 5:00	24841	5.059	186.3	30.82	11.74	1.656	193.7	37.47	6.368	70.77	68.61	63.28	63.95	0	0.009	26.1	4.626	0	15.61
5/25/2012 6:00	24842	4.763	254.2	10.59	6.368	1.32	277.1	16.35	4.578	69.87	65.94	65.09	68.59	0	0.008	26.11	4.629	0.003	15.39
5/25/2012 7:00	24843	4.447	238.8	22.03	9.95	1.59	264.8	34.48	4.578	67.92	64.23	68.05	71.05	0	1.561	26.11	4.629	0	11.95
5/25/2012 8:00	24844	3.868	238	33.45	8.16	1.03	229.2	41.3	8.16	66.57	64.24	69.65	70.93	0	69.59	26.12	4.629	0	16.06
5/25/2012 9:00	24845	4.761	237.1	18.98	9.95	3.669	240.5	21.61	8.16	72.04	71.92	56.08	55.32	0	236.7	26.16	4.635	0.006	16.17
5/25/2012 10:00	24846	10.78	273	11.85	22.47	8.78	270.2	14.57	17.1	82.1	82.2	21.67	22.57	0	458.8	26.21	4.64	0.005	15.89
5/25/2012 11:00	24847	17.26	277.3	12.67	26.05	13.6	276.9	15.25	22.47	88.6	88.9	6.679	7.998	0	667.3	26.26	4.64	-0.001	11.77
5/25/2012 12:00	24848	16.43	269.6	16	26.05	13.14	268.8	18.38	24.26	90.6	91.3	5.519	6.793	0	843	26.28	4.64	0	11.88
5/25/2012 13:00	24849	11.85	225	22.67	20.68	9.06	225.2	23.56	17.1	92.2	93.4	8.3	9.1	0	915	26.3	4.64	0	12.02
5/25/2012 14:00	24850	11.22	208.2	21.43	27.84	7.973	210.3	25.31	22.47	93.4	95.3	10.47	10.87	0	968	26.31	4.64	0	16.56
5/25/2012 15:00	24851	14.81	191.2	20.14	26.05	10.02	193.1	23.24	22.47	95.6	98.2	5.66	6.416	0	995	26.31	4.624	-0.016	11.81
5/25/2012 16:00	24852	16.68	178	15.82	29.63	10.89	181.1	20.67	22.47	95.9	98.6	5.802	6.47	0	938	26.29	4.589	-0.035	13.72
5/25/2012 17:00	24853	15.29	170.5	16.23	26.05	9.75	173.5	21.03	18.89	95.7	98.1	6.109	6.894	0	779.2	26.28	4.564	-0.025	11.94
5/25/2012 18:00	24854	16.12	165.8	18.42	26.05	10.09	169.2	22.57	18.89	95	96.9	6.779	7.612	0	613.6	26.27	4.535	-0.029	12.08
5/25/2012 19:00	24855	17.37	162.7	13.43	29.63	10.77	166.4	19.53	20.68	94.2	95.5	10.13	10.77	0	409.4	26.26	4.503	-0.032	16.49
5/25/2012 20:00	24856	20.74	155.5	10.11	33.21	12.26	158.6	17.1	22.47	90.7	91.2	27.32	26.81	0	195	26.25	4.481	-0.022	11.91
5/25/2012 21:00	24857	14.37	144.8	8.45	26.05	8.43	147.8	15.79	20.68	86.2	85.9	32.22	31.93	0	30.39	26.25	4.46	-0.022	12.44
5/25/2012 22:00	24858	22.13	155.7	9.93	43.94	13.07	158.7	16.6	31.42	81.1	80.9	46.97	45.36	0	0.193	26.26	4.46	0	11.84
5/25/2012 23:00	24859	22.46	167	9.18	34.99	13.25	169.9	16.5	26.05	77.04	76.89	60.57	58.35	0	0.026	26.26	4.457	-0.003	15.58
5/26/2012 0:00	24860	22.8	177.4	9.16	36.78	13.91	180.5	15.8	26.05	78.31	77.96	46.55	45.65	0	0.03	26.27	4.45	-0.006	11.78
5/26/2012 1:00	24861	20.24	180	9.09	47.52	12.44	183.5	15.61	29.63	78.1	77.65	40.21	39.75	0	0.035	26.27	4.447	-0.003	12.08
5/26/2012 2:00	24862	16.24	187.2	9.3	31.42	10.19	190.3	14.74	18.89	76.67	76.17	38.14	37.79	0	0.033	26.27	4.444	-0.003	14.87
5/26/2012 3:00	24863	11.8	188.8	8.91	18.89	7.173	191.8	14.36	15.31	74.47	73.76	40.46	40.25	0	0.029	26.27	4.445	0.001	12.11
5/26/2012 4:00	24864	12.05	181.4	10.01	17.1	7.169	184.4	15.85	13.52	73.79	72.95	40.78	40.67	0	0.02	26.26	4.445	0	15.62
5/26/2012 5:00	24865	12.02	166.5	10.79	17.1	6.856	169.1	17.53	13.52	72.43	71.67	42.33	42.12	0	0.022	26.27	4.445	0	15.71
5/26/2012 6:00	24866	13.6	152.6	8.04	22.47	7.689	154.3	15.32	13.52	70.53	69.89	46.51	45.9	0	0.018	26.27	4.442	-0.003	11.46
5/26/2012 7:00	24867	12.05	151.9	7.782	18.89	6.706	153.4	15.41	11.74	69.63	68.98	56.6	55.11	0	1.724	26.28	4.442	0	15.59
5/26/2012 8:00	24868	13.08	147.4	9.09	22.47	7.712	149.6	16.52	15.31	69.9	69.83	77.46	73.8	0	64.84	26.28	4.442	0	13.45
5/26/2012 9:00	24869	16.9	162.5	10.68	29.63	10.23	165	17.5	22.47	73.47	74.2	65.85	62.35	0	257.3	26.3	4.444	0.002	11.98
5/26/2012 10:00	24870	23.15	163.9	9.16	34.99	13.89	166.1	16.57	27.84	75.63	77.06	54.6	50.99	0	467.1	26.33	4.444	0	15.74

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/26/2012 11:00	24871	23.01	164.8	10.06	33.21	14.09	166.9	16.32	27.84	76.96	78.97	56.82	52.07	0	661.4	26.35	4.444	0	16.43
5/26/2012 12:00	24872	21.62	171.6	12.46	31.42	13.59	174.6	18.47	24.26	79.57	82.1	54.32	49.3	0	837	26.36	4.444	0	11.56
5/26/2012 13:00	24873	20.85	176	11.4	33.21	13.31	178.9	17.37	24.26	82.5	85.3	49.67	44.96	0	914	26.36	4.443	0	11.93
5/26/2012 14:00	24874	19.42	176.4	13.22	31.42	12.47	178.4	18.68	24.26	85.1	88.2	44.7	40.43	0	984	26.36	4.421	-0.022	12.14
5/26/2012 15:00	24875	18.85	173.7	13.25	31.42	12.16	177.3	19.15	22.47	87.3	90.5	41.94	37.84	0	975	26.34	4.392	-0.029	15.94
5/26/2012 16:00	24876	19.77	164.8	13.78	31.42	12.54	167.9	19.89	26.05	87.7	90.8	42.79	38.63	0	905	26.33	4.373	-0.019	11.97
5/26/2012 17:00	24877	19.74	169.1	13.87	33.21	12.45	172	20.11	22.47	88.4	91.1	41.04	37.44	0	773.1	26.31	4.342	-0.032	16.02
5/26/2012 18:00	24878	20.02	160.4	12.46	31.42	12.23	163.7	18.76	24.26	88.9	91.1	39.24	36.31	0	602.7	26.29	4.326	-0.016	12
5/26/2012 19:00	24879	23.97	156.9	12.96	36.78	14.49	159.6	18.8	27.84	87.8	89.3	39.24	36.96	0	400.1	26.27	4.304	-0.022	11.96
5/26/2012 20:00	24880	23	153.4	9.93	34.99	13.58	156.5	16.55	27.84	84.6	85.3	37.51	36.02	0	230.9	26.25	4.279	-0.025	11.93
5/26/2012 21:00	24881	16.52	162.8	14.29	31.42	9.91	165.8	19.51	22.47	79.87	79.91	38.37	37.42	0	27.67	26.23	4.266	-0.012	11.54
5/26/2012 22:00	24882	21.05	154.4	10.84	34.99	12.36	158.1	17.26	27.84	77.56	77.54	49.33	47.62	0	0.136	26.22	4.26	-0.006	15.91
5/26/2012 23:00	24883	12.82	255.2	60.68	27.84	9.01	256.6	59.68	22.47	76.13	76.03	54.44	53.36	0.02	0.037	26.29	4.254	-0.006	11.92
5/27/2012 0:00	24884	11.8	324	52.34	29.63	8.47	323.8	53.57	20.68	66.76	66.54	87.1	85.6	0.47	0.006	26.33	4.62	0.366	12.09
5/27/2012 1:00	24885	13.67	55.53	18.49	26.05	8.28	53.45	22.28	17.1	66.48	66.2	87.1	86	0.01	0.013	26.26	4.629	0.01	16.08
5/27/2012 2:00	24886	13.27	74.93	9.06	22.47	7.846	71.43	18.57	17.1	66.66	66.39	85.4	83.5	0	0.018	26.24	4.636	0.006	16.45
5/27/2012 3:00	24887	9.35	85.3	9.13	15.31	5.653	83.1	18.06	9.95	66.66	66.33	85	82.6	0	0.024	26.23	4.645	0.01	12.17
5/27/2012 4:00	24888	5.163	92	12.13	9.95	2.509	84.8	22.33	6.368	66.29	65.46	87.6	85.7	0	0.014	26.22	4.648	0.003	11.75
5/27/2012 5:00	24889	6.464	145.3	16.73	11.74	2.901	149	18.57	8.16	67.33	65.62	81.6	83.4	0	0.012	26.21	4.658	0.01	13.16
5/27/2012 6:00	24890	7.577	155.7	9.27	11.74	4.054	156.2	16.06	8.16	66.75	65.69	82.6	81.5	0	0.016	26.21	4.667	0.01	14.19
5/27/2012 7:00	24891	8.49	189	14.73	13.52	5.162	191.5	17.91	9.95	66.07	65.24	82.6	80.9	0	1.753	26.22	4.67	0.003	11.76
5/27/2012 8:00	24892	9.92	201.9	9.08	18.89	6.616	203.5	12.78	15.31	66.77	66.34	81.1	78.66	0	86.5	26.24	4.68	0.01	12.17
5/27/2012 9:00	24893	13.8	192.1	9.2	24.26	9.08	193.9	14.66	17.1	68.73	69.47	81.3	77.09	0	287.3	26.26	4.695	0.015	11.85
5/27/2012 10:00	24894	15.47	195.3	9.5	24.26	10.4	197.9	14.51	18.89	71.62	72.92	76.66	72.33	0	503.7	26.28	4.701	0.005	15.78
5/27/2012 11:00	24895	12.6	207.3	12.69	20.68	8.79	208	16.5	17.1	75.12	76.58	65.84	62.73	0	695.5	26.3	4.701	0	11.97
5/27/2012 12:00	24896	11.73	216.2	15.57	20.68	8.07	216.4	20.07	15.31	79.13	80.5	50.79	49.66	0	865	26.33	4.7	0	14.89
5/27/2012 13:00	24897	11.2	218.3	16.93	18.89	7.416	218.9	21.89	15.31	82.5	83.9	39.82	39.68	0	979	26.34	4.7	-0.001	16.48
5/27/2012 14:00	24898	11.34	227.7	18.4	18.89	7.308	228.1	25.03	15.31	85.9	87.1	27.81	28.61	0	1029	26.34	4.7	0	12.58
5/27/2012 15:00	24899	16.57	235.5	16.82	27.84	9.9	237	24.53	20.68	88.2	89.3	15.61	17.36	0	1028	26.33	4.7	0	12
5/27/2012 16:00	24900	14.39	235.4	16.7	24.26	8.61	236.1	24.28	20.68	90	91.1	12.56	14.36	0	962	26.31	4.693	-0.006	12.52
5/27/2012 17:00	24901	13.89	217.3	15.13	24.26	9.25	217.9	19.87	18.89	90.7	91.9	14.07	15.44	0	833	26.3	4.668	-0.025	11.97
5/27/2012 18:00	24902	12.7	218.8	18.43	26.05	8.34	219	22.44	20.68	91.1	92.1	13.54	14.97	0	655.7	26.28	4.652	-0.016	15.06
5/27/2012 19:00	24903	12.69	212.6	13.13	22.47	8.46	212.5	16.72	17.1	91.2	91.8	14.84	16.21	0	450.7	26.27	4.633	-0.019	12.01
5/27/2012 20:00	24904	13.88	182.7	15.15	22.47	8.71	184.9	19.41	15.31	89	89.1	27.58	27.92	0	227.9	26.26	4.624	-0.01	12.02
5/27/2012 21:00	24905	15.71	171.4	8.31	26.05	9.55	174.5	15.63	18.89	83.7	83.6	46.17	45.42	0	43.3	26.26	4.618	-0.006	15.84
5/27/2012 22:00	24906	11.98	180.1	9.87	22.47	7.338	182.9	15.86	15.31	79.23	78.81	59.71	58.13	0	0.173	26.26	4.615	-0.003	12.16
5/27/2012 23:00	24907	8.14	184.3	8.74	15.31	4.634	184.5	14.17	9.95	76.79	76.08	67.12	65.92	0	0.031	26.27	4.615	0	11.93
5/28/2012 0:00	24908	7.55	181	8.58	13.52	4.135	181.8	15.1	9.95	74.41	73.32	72.59	71.89	0	0.026	26.27	4.616	0.001	15.17
5/28/2012 1:00	24909	8.7	176.2	8.07	20.68	5.087	180.6	14.92	13.52	72.78	72.13	77.15	75.25	0	0.026	26.27	4.616	0.001	16.03
5/28/2012 2:00	24910	6.368	183.5	11.06	11.74	3.591	187.1	16.56	8.16	71.02	70.34	81.8	79.58	0	0.02	26.26	4.617	0	14.65
5/28/2012 3:00	24911	4.149	188.1	11.84	8.16	1.464	191	12.97	4.578	69.89	68.81	84	82.5	0	0.014	26.25	4.617	0	11.96
5/28/2012 4:00	24912	3.886	182.5	11.44	8.16	0.488	177.8	5.943	4.578	68.75	67.25	85.3	85	0	0.012	26.24	4.617	0	15.9
5/28/2012 5:00	24913	1.455	184.1	9.92	4.578	0.1	182.3	15.5	2.789	68.19	66.81	85.5	85.5	0	0.009	26.23	4.613	-0.003	12.03
5/28/2012 6:00	24914	2.795	267	24.69	6.368	0.856	299.2	9.36	4.578	68.2	66.08	85.1	86.2	0	0.008	26.24	4.617	0.003	16.02
5/28/2012 7:00	24915	4.494	276	29.65	8.16	1.541	309.9	9.95	4.578	68.22	65.39	85	87.6	0	2.464	26.25	4.62	0.003	11.8

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/28/2012 8:00	24916	4.423	308.1	9.43	6.368	2.432	305.5	9.63	6.368	68.41	67.38	86.2	85.5	0	91.4	26.27	4.629	0.01	12.14
5/28/2012 9:00	24917	4.861	283.8	16.44	8.16	4.203	286.5	18.86	8.16	71.98	72.2	80.7	76.36	0	286.5	26.31	4.635	0.005	11.93
5/28/2012 10:00	24918	5.132	276.4	25.31	9.95	3.976	278	28.91	9.95	74.97	75.96	74.36	69.36	0	499.2	26.35	4.644	0.009	12.74
5/28/2012 11:00	24919	5.385	315.6	27.97	11.74	4.616	316.6	31.69	9.95	78.27	78.84	65.66	61.87	0	693.5	26.37	4.653	0.01	11.94
5/28/2012 12:00	24920	5.827	335.1	26.68	11.74	4.863	337.4	27.7	9.95	81.9	82.3	54.73	52.11	0	867	26.39	4.652	-0.001	16.18
5/28/2012 13:00	24921	6.329	321.3	22.69	13.52	5.226	320.5	24.16	13.52	86.1	86.3	40.6	39.28	0	978	26.4	4.652	0	11.95
5/28/2012 14:00	24922	6.606	272.7	47.1	13.52	5.15	275.1	48.78	11.74	90.4	90.7	14.61	15.81	0	1044	26.4	4.652	0	16.08
5/28/2012 15:00	24923	6.794	251.9	42.9	17.1	5.137	248.6	44.9	13.52	92.9	93.3	7.008	8.8	0	1040	26.38	4.652	0	11.95
5/28/2012 16:00	24924	8.13	244.1	29.1	18.89	5.608	245.6	35.43	13.52	93.5	94.4	6.89	8.42	0	973	26.37	4.652	0	12.6
5/28/2012 17:00	24925	8.98	221.7	34.24	17.1	6.213	222.9	39.21	15.31	93.8	94.8	5.451	7.248	0	844	26.35	4.636	-0.016	15.93
5/28/2012 18:00	24926	10.13	251.9	21.72	18.89	6.863	253.3	26.12	15.31	93.3	93.9	3.579	5.393	0	670.3	26.33	4.621	-0.016	11.97
5/28/2012 19:00	24927	10.96	249.2	15.49	20.68	6.962	250.8	21.19	15.31	92.6	93.1	3.491	5.421	0	468.3	26.32	4.602	-0.019	11.94
5/28/2012 20:00	24928	8.65	257.5	14.7	15.31	5.858	259.4	18.06	11.74	91.7	91	3.405	5.914	0	251.3	26.31	4.589	-0.013	12.51
5/28/2012 21:00	24929	3.938	273.7	14.93	8.16	1.939	271.9	24.64	6.368	88.3	86.2	6.889	13.66	0	51.76	26.29	4.583	-0.006	16.28
5/28/2012 22:00	24930	0.243	143.3	16.21	2.789	1.376	90.1	9.12	4.578	81.9	77.64	11.88	24.81	0	0.179	26.27	4.583	0	12.01
5/28/2012 23:00	24931	2.435	186.3	13.06	4.578	0.913	86.9	4.577	4.578	79.78	73.93	13.62	30.82	0	0.015	26.26	4.584	0.001	12
5/29/2012 0:00	24932	1.118	240.7	16.76	4.578	0.483	99.7	7.508	2.789	75.42	70.5	22.44	37.56	0	0.01	26.25	4.585	0	11.77
5/29/2012 1:00	24933	0.841	304.1	32.12	4.578	0.249	68.46	4.085	2.789	73.13	67.6	26.99	45	0	0.006	26.24	4.585	0	12.08
5/29/2012 2:00	24934	5.444	161.5	36.28	17.1	1.74	127.5	18.1	9.95	72.19	65.8	27.42	43.94	0	0.004	26.24	4.585	0	11.77
5/29/2012 3:00	24935	2.883	197.3	38.74	6.368	0.348	103.5	26.07	2.789	71.47	67.36	39.43	44.03	0	0.003	26.24	4.585	0	11.75
5/29/2012 4:00	24936	2.706	221	12.52	6.368	0.317	90	12.35	2.789	70.98	66.21	49.79	53.89	0	0.004	26.23	4.585	0	16.14
5/29/2012 5:00	24937	2.927	205.5	12.88	6.368	0	0	0	0	68.6	64.41	62.69	65.08	0	0.005	26.23	4.585	0	16.24
5/29/2012 6:00	24938	2.331	198.8	24.64	6.368	0.325	88.4	8.26	2.789	66.22	63.08	76.19	75.42	0	0.005	26.23	4.585	0	12.07
5/29/2012 7:00	24939	2.116	227.3	13.89	6.368	0	0	0	0	64.91	61.4	82.7	83	0	1.969	26.24	4.585	0	15.98
5/29/2012 8:00	24940	2.067	255.9	22.12	6.368	0.524	262.1	11.49	4.578	66.57	64.38	82.5	82.6	0	100.1	26.26	4.588	0.003	12.12
5/29/2012 9:00	24941	5.462	230.7	14.44	9.95	3.715	232.6	19.02	8.16	70.22	70.76	84.5	79.21	0	297.5	26.31	4.597	0.009	13.31
5/29/2012 10:00	24942	7.261	210.4	17.06	15.31	5.258	212.9	19.93	9.95	74.15	75.36	75.7	70.7	0	515	26.36	4.602	0.005	11.96
5/29/2012 11:00	24943	6.631	231.7	24.14	13.52	5.017	230.6	27.16	9.95	79.89	80.8	59.45	56.13	0	711.4	26.39	4.609	0.006	13.98
5/29/2012 12:00	24944	6.982	247.4	23.8	13.52	5.482	249	27.32	11.74	86.7	87.1	35.01	34.22	0	890	26.41	4.611	0.002	11.99
5/29/2012 13:00	24945	10.5	239.6	16.78	18.89	7.789	238.7	20.8	15.31	91	91.6	15.16	15.97	0	1019	26.42	4.611	0	14.57
5/29/2012 14:00	24946	12.33	243.1	20.24	20.68	9.08	242.9	22.43	18.89	93.4	94.3	4.951	6.068	0	1071	26.42	4.608	-0.003	11.97
5/29/2012 15:00	24947	13.17	253.8	16.7	24.26	10.14	253.9	18.88	22.47	95.1	95.9	2.539	2.049	0	1062	26.4	4.608	0	14.65
5/29/2012 16:00	24948	14.24	266.7	16.6	27.84	11.33	264.7	17.95	24.26	96.1	96.7	2.55	1.883	0	992	26.39	4.579	-0.029	12.15
5/29/2012 17:00	24949	15.05	268.9	19.54	26.05	11.69	268.3	21.61	20.68	96.3	96.9	2.559	1.884	0	858	26.37	4.557	-0.022	12.08
5/29/2012 18:00	24950	12.32	260.3	18.95	20.68	9.51	260.1	19.99	17.1	96.1	96.5	2.548	1.889	0	674.9	26.35	4.535	-0.022	12.16
5/29/2012 19:00	24951	11.48	249.1	16.92	18.89	8.36	248.4	17.94	15.31	95.5	95.6	2.556	1.888	0	460.1	26.34	4.513	-0.022	16.12
5/29/2012 20:00	24952	7.601	250.6	14.16	15.31	5.294	250.1	14.37	11.74	94.6	93.7	2.544	2.307	0	243	26.33	4.491	-0.022	11.96
5/29/2012 21:00	24953	1.298	303.3	19.27	4.578	0.636	42.87	28.95	4.578	90.9	88.8	3.255	10.05	0	48.81	26.32	4.488	-0.003	16.21
5/29/2012 22:00	24954	3.047	116.6	15.66	6.368	2.538	79.94	16.86	4.578	86.8	79.01	3.534	20.18	0	0.198	26.29	4.485	-0.003	16.5
5/29/2012 23:00	24955	5.511	146.3	12.65	11.74	2.521	96.6	36.04	6.368	84.6	77.26	5.182	16.51	0	0.021	26.27	4.486	0.001	16.25
5/30/2012 0:00	24956	6.057	179.7	18.35	11.74	1.448	162.6	20.16	4.578	75.43	70.16	19.8	27.81	0	0.012	26.26	4.49	0.004	16.2
5/30/2012 1:00	24957	4.243	166	12.37	8.16	2.166	114.7	13.13	4.578	73.38	67.94	19.17	29.17	0	0.01	26.25	4.49	0	12.13
5/30/2012 2:00	24958	5.582	154.4	9.95	8.16	1.814	129.4	16.88	4.578	73.73	69.02	21.25	27.18	0	0.009	26.24	4.49	0	11.94
5/30/2012 3:00	24959	4.365	164.7	12.15	8.16	0.768	149.9	9.65	4.578	69.55	66.6	38.94	41.31	0	0.009	26.22	4.487	-0.003	16.32
5/30/2012 4:00	24960	5.019	163.8	12.35	8.16	1.252	162.8	16.74	4.578	67.18	64.66	60.81	61.34	0	0.005	26.21	4.487	0	13.44

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/30/2012 5:00	24961	2.896	185.7	22.73	8.16	0.459	181.3	24.6	4.578	66.15	63.63	72.74	73.17	0	0.003	26.2	4.487	0	13.09
5/30/2012 6:00	24962	3.466	184.1	20.02	6.368	0.535	89.7	5.461	2.789	66.57	63.07	75.85	77.62	0	0.005	26.2	4.49	0.003	12.94
5/30/2012 7:00	24963	3.933	197.9	13.01	6.368	0.158	100.3	4.211	2.789	65.62	62.23	81.5	82.7	0	2.301	26.19	4.487	-0.003	15.53
5/30/2012 8:00	24964	3.685	208.5	30.15	8.16	1.034	245.2	24.96	6.368	66.2	64.05	81.3	82.3	0	102	26.2	4.49	0.003	16.29
5/30/2012 9:00	24965	6.709	228.3	15.52	11.74	4.957	229.4	18.23	9.95	69.9	70.13	79.28	75.1	0	272.4	26.25	4.499	0.009	12.16
5/30/2012 10:00	24966	7.963	239.6	16.54	13.52	6.356	237.4	16.96	11.74	77.03	77.42	58.13	55.81	0	508.9	26.28	4.504	0.005	11.45
5/30/2012 11:00	24967	7.283	269.6	19.49	13.52	6.084	268.9	22.11	11.74	84.8	84.9	22.9	23.35	0	708.7	26.31	4.507	0.003	16.22
5/30/2012 12:00	24968	8.63	280.7	22.28	15.31	7.148	279.8	24.91	13.52	89.9	89.9	3.125	3.987	0	891	26.32	4.503	-0.004	16.42
5/30/2012 13:00	24969	9.99	272.8	17.8	17.1	8.2	270.7	21.41	17.1	92	92.4	2.5	2.79	0	1019	26.33	4.507	0.003	16.26
5/30/2012 14:00	24970	12.37	271.4	18.17	24.26	9.08	270.5	21.3	20.68	94.6	95.6	2.527	1.909	0	1068	26.31	4.507	0	12
5/30/2012 15:00	24971	14.31	267.2	22.13	26.05	11.31	266.6	24.8	20.68	95.8	96.6	2.542	1.885	0	1060	26.3	4.497	-0.01	16.06
5/30/2012 16:00	24972	13.04	255.9	22.69	24.26	10.56	254.5	23.67	22.47	96.6	97.3	2.553	1.887	0	993	26.28	4.472	-0.025	12.38
5/30/2012 17:00	24973	11.69	252.2	20.76	22.47	9.48	252	22.32	20.68	97.2	97.7	2.565	1.891	0	862	26.26	4.449	-0.022	16.22
5/30/2012 18:00	24974	10.99	240.7	19.52	22.47	8.53	239.9	21	18.89	97	97.5	2.569	1.894	0	682.6	26.24	4.427	-0.022	16.38
5/30/2012 19:00	24975	12.85	253	18.19	22.47	10.02	251.7	19.96	18.89	96.4	96.6	2.577	1.892	0	459.3	26.22	4.402	-0.025	11.95
5/30/2012 20:00	24976	8.95	256.4	13.82	18.89	6.811	254.4	15.35	15.31	95.2	94.3	2.55	1.886	0	241.1	26.2	4.389	-0.013	12.32
5/30/2012 21:00	24977	4.787	222.5	11.88	6.368	1.496	204.2	19.61	4.578	91.6	88.1	2.523	6.71	0	47.86	26.18	4.386	-0.003	11.95
5/30/2012 22:00	24978	4.961	235.6	9.42	8.16	0.878	232.1	8.64	4.578	83.8	78.1	5.091	11.39	0	0.229	26.16	4.387	0.001	15.92
5/30/2012 23:00	24979	3.289	215	20.47	8.16	1.441	150.8	34.04	4.578	77.77	73.17	8.59	14.83	0	0.01	26.13	4.388	0.001	12.21
5/31/2012 0:00	24980	8.32	303.8	13.75	13.52	4.859	305.5	13.75	9.95	75.26	72.29	10.43	15.41	0	0.012	26.12	4.388	0	15.99
5/31/2012 1:00	24981	11.04	331.8	23.63	20.68	7.527	331.3	22.87	17.1	72.38	71.31	15.91	17.42	0	0.01	26.13	4.385	-0.003	16.02
5/31/2012 2:00	24982	13.18	46.62	12.64	22.47	7.357	43.77	17.15	15.31	72.2	71.83	53.99	52.13	0	0.02	26.14	4.385	0	12.04
5/31/2012 3:00	24983	10.05	51.08	8.68	17.1	5.726	50	15.02	11.74	70.26	69.68	63.54	61.58	0	0.015	26.14	4.385	0	12.19
5/31/2012 4:00	24984	7.936	34	33.34	13.52	4.763	30.74	35.93	9.95	68.07	67.4	69.76	67.6	0	0.016	26.12	4.385	0	15.88
5/31/2012 5:00	24985	10.93	23.58	13.33	18.89	7.501	21.71	16.59	18.89	66.02	65.78	76.14	72.81	0	0.006	26.12	4.385	0	15.73
5/31/2012 6:00	24986	11.67	14.61	9.66	18.89	8.59	13.17	12.27	17.1	63.85	63.81	80.7	76.71	0	0.01	26.12	4.385	0	11.76
5/31/2012 7:00	24987	14.08	19.98	9.72	24.26	10.05	17.9	12.76	20.68	61.84	61.85	84.3	79.95	0	1.749	26.13	4.382	-0.003	12.33
5/31/2012 8:00	24988	18.12	39.85	13.75	33.21	10.55	37.3	17.49	26.05	63.31	63.32	84.2	79.99	0	82.1	26.17	4.385	0.003	12.92
5/31/2012 9:00	24989	20.84	56.44	10.51	31.42	12.26	52.61	17.07	26.05	66.66	67.23	80	75.23	0	282.3	26.22	4.388	0.003	15.65
5/31/2012 10:00	24990	21.91	61.83	11.67	33.21	13.51	57.76	18.2	27.84	70.1	71.24	72.15	66.98	0	485.4	26.27	4.391	0.002	12.15
5/31/2012 11:00	24991	20.69	59.65	12.97	33.21	12.43	54.71	18.99	26.05	72.74	74.23	65.8	60.6	0	666.6	26.3	4.393	0.003	11.76
5/31/2012 12:00	24992	23.06	72.19	12.03	34.99	14.3	68.41	20.04	26.05	76.35	78.37	59.71	54.37	0	841	26.32	4.393	0	11.77
5/31/2012 13:00	24993	22.77	76.4	12.58	34.99	14.38	72.26	20.07	27.84	79.57	81.9	54.36	49.32	0	928	26.34	4.393	0	16.1
5/31/2012 14:00	24994	18.22	79.37	14.17	31.42	11.42	76.09	22.09	24.26	81.9	84.4	49.23	44.7	0	804	26.37	4.393	0	12.03
5/31/2012 15:00	24995	19.51	91.9	13.66	33.21	12.66	89.6	22.06	27.84	83.1	85.8	46.55	42.33	0	907	26.38	4.389	-0.003	13.4
5/31/2012 16:00	24996	20.44	88.3	12.24	34.99	13.04	86.4	21.51	26.05	83.4	85.9	43.96	40.05	0	852	26.38	4.373	-0.016	14.12
5/31/2012 17:00	24997	17.96	93.4	14.38	33.21	11.42	91.4	23.68	22.47	84.2	86.6	40.35	37.13	0	729.2	26.36	4.351	-0.022	12.11
5/31/2012 18:00	24998	16.65	96.8	15.83	33.21	10.75	94.7	24.37	22.47	84.4	86.4	39.54	36.7	0	617.9	26.36	4.335	-0.016	12
5/31/2012 19:00	24999	15.29	91.1	13.18	27.84	9.71	89.8	22.53	20.68	83.8	85.2	41.35	38.8	0	406.4	26.35	4.323	-0.012	11.97
5/31/2012 20:00	25000	13.78	92.4	12.01	22.47	8.83	90.1	21.33	17.1	82.6	83.2	44.26	42.35	0	210.7	26.34	4.317	-0.006	13.21
5/31/2012 21:00	25001	12.59	92.2	10.59	20.68	7.99	90.4	19.28	15.31	80.3	80.4	48.44	46.68	0	40.76	26.35	4.308	-0.009	15.76
5/31/2012 22:00	25002	9.34	94.8	8.39	15.31	5.922	93.7	17.66	11.74	76.94	76.56	53.61	51.96	0	0.218	26.35	4.304	-0.003	11.99
5/31/2012 23:00	25003	10.36	104.5	9.76	17.1	6.17	103	20.36	11.74	75.05	74.56	56.4	54.67	0	0.024	26.36	4.305	0	16.37
6/1/2012 0:00	25004	11.64	114.1	7.839	17.1	6.637	114.3	19.23	13.52	73.3	72.84	61.57	59.47	0	0.03	26.37	4.305	0.001	16.02
6/1/2012 1:00	25005	10.33	102.6	10.26	20.68	6.558	101.1	19.6	13.52	72.08	71.71	64.35	61.97	0	0.023	26.37	4.306	0	14.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
6/1/2012 2:00	25006	10.48	90.1	8.46	18.89	6.525	88.3	18.13	11.74	70.68	70.38	66.81	64.21	0	0.027	26.36	4.306	0	11.84	
6/1/2012 3:00	25007	13.49	92.8	8.88	22.47	8.75	91.1	18.55	17.1	69.61	69.36	64.05	61.55	0	0.02	26.36	4.306	0	11.91	
6/1/2012 4:00	25008	12.01	100	9.81	18.89	7.643	98.7	19.38	15.31	67.63	67.35	66.61	63.92	0	0.014	26.34	4.306	0	15.92	
6/1/2012 5:00	25009	13.3	110.5	8.56	22.47	7.837	108.6	19.83	17.1	66.78	66.45	69.32	66.53	0	0.017	26.34	4.306	0	14.86	
6/1/2012 6:00	25010	11.67	105.8	8.75	20.68	7.236	103.7	18.8	13.52	65.81	65.63	72.34	69.16	0	0.013	26.36	4.306	0	12.19	
6/1/2012 7:00	25011	13.48	111.5	8.95	22.47	8.16	110.1	20.16	17.1	65.55	65.55	75.13	71.41	0	0.984	26.38	4.306	0	15.92	
6/1/2012 8:00	25012	14.11	115.9	9.35	22.47	8.42	115.2	20.69	15.31	65.59	65.76	77.56	73.47	0	64.99	26.39	4.309	0.003	12.03	
6/1/2012 9:00	25013	14.06	120.2	12.19	22.47	8.56	120	21.77	17.1	67.11	68.05	75.16	70.27	0	225.7	26.41	4.309	0	13.3	
6/1/2012 10:00	25014	17.26	140.8	11.86	27.84	10.36	142.2	19.63	20.68	69.58	71.62	69.54	63.56	0	488.4	26.42	4.314	0.005	16.03	
6/1/2012 11:00	25015	18.19	161.3	11.84	27.84	10.95	163.2	19.06	20.68	72.88	75.18	63.16	57.36	0	673.3	26.43	4.32	0.006	11.96	
6/1/2012 12:00	25016	18.14	176.4	12.53	29.63	11.43	178.7	18.71	20.68	76.37	79.01	57.18	51.53	0	853	26.44	4.317	-0.003	15.78	
6/1/2012 13:00	25017	16.99	182.3	15.34	36.78	11.07	184.7	21.07	26.05	78.89	81.7	54.1	48.61	0	952	26.45	4.317	0	15.24	
6/1/2012 14:00	25018	16.66	182.9	13.94	29.63	11.05	186	19.61	24.26	81.3	84.3	48.68	43.84	0	1002	26.44	4.32	0.003	11.97	
6/1/2012 15:00	25019	15.84	190	14.94	27.84	10.78	193.2	19.24	24.26	83.6	86.3	44.26	40.15	0	979	26.43	4.301	-0.019	11.97	
6/1/2012 16:00	25020	16.12	190.8	13.32	27.84	10.94	194.4	17.58	20.68	85.3	88	40.52	36.83	0	936	26.41	4.288	-0.013	11.96	
6/1/2012 17:00	25021	16.28	191.3	15.78	27.84	10.84	194	19.39	20.68	87.1	89.6	36.93	33.89	0	815	26.38	4.262	-0.025	16.12	
6/1/2012 18:00	25022	15.55	192.9	15.57	26.05	10.43	195.4	19.12	20.68	87.9	89.9	33.6	31.29	0	645.6	26.36	4.24	-0.022	12.01	
6/1/2012 19:00	25023	15.59	201.5	11.58	24.26	10.56	203	15.45	20.68	88	89.2	31.67	30.1	0	378.6	26.34	4.221	-0.019	12	
6/1/2012 20:00	25024	13.72	197.8	10.74	22.47	9.04	200	14.94	17.1	86.5	86.8	32.75	31.9	0	151.4	26.31	4.206	-0.016	12	
6/1/2012 21:00	25025	10.65	181.8	11.63	18.89	6.306	184	17.65	13.52	83.6	83.2	35.87	35.46	0	35.05	26.29	4.19	-0.015	12.05	
6/1/2012 22:00	25026	7.555	155.9	12.79	11.74	3.29	151.6	21.05	8.16	78.3	76.52	43.46	44.55	0	0.322	26.27	4.187	-0.003	15.15	
6/1/2012 23:00	25027	7.365	142.8	7.603	9.95	2.841	134.5	16.84	6.368	74.93	72.3	48.64	50.73	0	0.015	26.27	4.188	0.001	16.02	
6/2/2012 0:00	25028	9.23	150.2	7.79	13.52	4.582	149.1	16.41	8.16	73.09	71.78	54.95	54.6	0	0.01	26.27	4.192	0.004	15.73	
6/2/2012 1:00	25029	10.9	155.7	9.1	20.68	5.927	156.6	17.02	13.52	73.2	72.37	59.46	58.08	0	0.013	26.27	4.189	-0.003	16.03	
6/2/2012 2:00	25030	15.59	167.6	8.75	26.05	9.03	170.6	16.76	17.1	73.59	73.18	61.15	59.01	0	0.025	26.27	4.188	0	15.88	
6/2/2012 3:00	25031	12.14	153.1	14.61	22.47	7.04	154.5	21.71	17.1	71.68	71.31	69.39	66.73	0	0.024	26.28	4.188	0	11.77	
6/2/2012 4:00	25032	10.13	87.9	12.06	17.1	6.122	84.2	20.17	11.74	69.98	69.65	75.05	71.96	0	0.017	26.3	4.189	0	11.78	
6/2/2012 5:00	25033	10.46	98	9.68	15.31	6.632	95.8	19.78	11.74	69.03	68.73	77.96	74.67	0	0.014	26.28	4.192	0.003	11.95	
6/2/2012 6:00	25034	10.69	101.8	16.58	18.89	6.487	100	23.67	13.52	68.6	68.25	79.52	76.2	0	0.009	26.28	4.189	-0.003	16.18	
6/2/2012 7:00	25035	9.15	132.1	11.46	13.52	5.03	131.3	20.25	9.95	67.67	67.22	81.3	78.23	0	1.636	26.26	4.192	0.003	12.06	
6/2/2012 8:00	25036	5.804	123.3	14.52	9.95	3.058	121.9	21.59	8.16	67.44	67.18	81.2	78.12	0	60.99	26.27	4.189	-0.003	11.88	
6/2/2012 9:00	25037	5.787	170.1	26.81	11.74	3.85	175.4	31.4	9.95	71.24	71.95	73.14	69.09	0	221.6	26.3	4.194	0.006	12.02	
6/2/2012 10:00	25038	8.45	176.6	16.12	15.31	5.729	179.8	21.2	11.74	74.79	76.36	66.92	62.17	0	447.1	26.33	4.203	0.009	12.06	
6/2/2012 11:00	25039	8.99	178.5	20.12	15.31	6.264	182.8	25.11	11.74	80.6	82.5	55.44	51.44	0	664	26.35	4.209	0.006	11.96	
6/2/2012 12:00	25040	8.7	159.4	24.52	17.1	5.918	162.6	31.38	13.52	85.5	88	44.5	41.38	0	844	26.39	4.212	0.002	11.95	
6/2/2012 13:00	25041	8.61	178.3	24.55	18.89	6.218	183.2	30.15	18.89	89.2	91.4	37.02	34.57	0	959	26.4	4.212	0	15.71	
6/2/2012 14:00	25042	9.96	180.5	29.15	18.89	7.046	184.2	33.21	13.52	92	94.3	29.89	27.86	0	1008	26.39	4.212	0	12.04	
6/2/2012 15:00	25043	10.24	163	25.74	27.84	7.008	168	31.56	24.26	93.8	96.5	25.81	24.04	0	1001	26.38	4.212	0	12.24	
6/2/2012 16:00	25044	11.01	166.8	24.78	22.47	7.496	168.8	30.21	17.1	94.6	97.2	22.3	20.99	0	935	26.36	4.19	-0.022	11.96	
6/2/2012 17:00	25045	12.58	174.6	25.43	20.68	8.38	177.5	28.81	15.31	95.5	98	16.85	16.17	0	825	26.33	4.161	-0.029	12.06	
6/2/2012 18:00	25046	13.08	178.5	20.18	22.47	8.4	181.5	24.78	18.89	94.8	96.3	15.28	15.24	0	449.7	26.31	4.104	-0.057	11.98	
6/2/2012 19:00	25047	13.07	169.2	12.84	20.68	7.914	172.4	18.89	17.1	93.4	94.2	19.29	19.22	0	249.1	26.29	4.082	-0.022	16.08	
6/2/2012 20:00	25048	13.38	161.9	11.04	24.26	7.949	164.8	17.41	17.1	91.7	91.9	23.18	23.02	0	115	26.27	4.069	-0.013	12.32	
6/2/2012 21:00	25049	11.79	156.6	7.938	18.89	6.656	157.9	16.33	11.74	89	88.6	28.81	28.58	0	24.31	26.26	4.063	-0.006	16.13	
6/2/2012 22:00	25050	10.73	148.8	7.717	17.1	5.905	149.3	16.04	11.74	85.5	84.8	32.11	32.02	0	0.171	26.26	4.057	-0.006	11.93	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/2/2012 23:00	25051	12.54	153.2	9.28	18.89	7.04	154.9	16.61	15.31	82.8	82.2	37.32	36.91	0	0.032	26.27	4.054	-0.003	15.91
6/3/2012 0:00	25052	16.66	164.5	8.37	27.84	9.56	166.6	16.33	22.47	81.7	81.3	44.19	43.13	0	0.039	26.27	4.051	-0.003	15.76
6/3/2012 1:00	25053	17.87	168.8	9.55	33.21	10.5	171.4	16.69	22.47	79.65	79.38	52.45	50.69	0	0.044	26.28	4.051	0	11.99
6/3/2012 2:00	25054	16.25	178.2	8.65	29.63	9.81	181	16.06	20.68	77.59	77.3	57.63	55.56	0	0.036	26.26	4.051	0	14.12
6/3/2012 3:00	25055	15.49	169.7	8.09	24.26	8.93	172.3	16.72	17.1	76.27	75.89	59.05	57.02	0	0.037	26.24	4.048	-0.003	11.97
6/3/2012 4:00	25056	12.53	167.9	12	24.26	7.436	170	19.56	17.1	75.96	75.67	56.57	54.59	0	0.035	26.24	4.048	0	11.8
6/3/2012 5:00	25057	10.06	144.4	10.03	15.31	5.606	144.9	17.92	11.74	74.51	73.95	56.7	55.21	0	0.031	26.24	4.052	0.004	12.05
6/3/2012 6:00	25058	9.59	143.5	12.33	15.31	5.169	144	20.48	9.95	73.07	72.28	57.54	56.34	0	0.019	26.23	4.049	-0.003	16.15
6/3/2012 7:00	25059	9.15	149.3	9.83	15.31	4.851	150.3	17.57	9.95	70.93	70.06	60.06	58.86	0	1.17	26.23	4.052	0.003	16.03
6/3/2012 8:00	25060	10.6	158	8.57	17.1	6.075	159.4	16.38	11.74	70.02	69.53	60.57	59.01	0	62.4	26.22	4.049	-0.003	12.54
6/3/2012 9:00	25061	14.74	173	9.37	26.05	9.01	176.2	16.9	17.1	75.54	75.81	49.67	48.11	0	241.6	26.24	4.051	0.002	16.05
6/3/2012 10:00	25062	15.63	187.5	10.12	24.26	10.12	189.9	15.83	18.89	80.4	81.2	42.38	40.72	0	418.7	26.28	4.048	-0.004	11.9
6/3/2012 11:00	25063	16.32	200.6	9.82	26.05	11.08	202.3	13.97	18.89	84.5	85.9	36.05	34.28	0	651.6	26.31	4.05	0.003	11.85
6/3/2012 12:00	25064	14.42	216.7	15.3	24.26	10.42	217.5	17.1	18.89	89.3	90.5	24.52	23.67	0	833	26.33	4.05	0	16.52
6/3/2012 13:00	25065	11.34	207.2	17.22	26.05	8.36	209.5	20.13	15.31	92.7	94.3	19.46	18.89	0	943	26.35	4.047	-0.003	12.08
6/3/2012 14:00	25066	10.19	217.8	25.97	22.47	7.678	220.8	27.8	20.68	95.3	96.8	17.3	16.85	0	987	26.35	4.034	-0.013	15.74
6/3/2012 15:00	25067	11.26	208.7	20.1	20.68	8.29	209.1	22.32	17.1	97	98.9	15.07	14.69	0	984	26.34	4.012	-0.022	11.93
6/3/2012 16:00	25068	11	194.8	22.58	22.47	7.77	198.6	25.44	20.68	98.4	100.4	13.31	13.07	0	912	26.32	3.987	-0.025	15.95
6/3/2012 17:00	25069	10.75	179.7	27.35	20.68	7.451	181.7	33.87	17.1	99.1	101.1	12.31	12.23	0	788.8	26.31	3.965	-0.022	12.4
6/3/2012 18:00	25070	9.81	179.7	23.11	20.68	6.61	181.7	27.76	15.31	99	100.6	11.53	11.78	0	572.3	26.29	3.92	-0.044	11.94
6/3/2012 19:00	25071	9.55	178.6	22.02	17.1	6.173	180.9	26.3	13.52	97.5	98.3	12.77	13.29	0	283.2	26.28	3.904	-0.016	11.94
6/3/2012 20:00	25072	15.29	166.2	11.78	26.05	9.19	168.6	18.96	17.1	94.9	95.5	22.63	22.26	0	250.4	26.27	3.892	-0.013	15.38
6/3/2012 21:00	25073	14.85	164.5	8.95	22.47	8.6	166.8	16.68	17.1	90.3	90.3	26.85	26.46	0	60.07	26.28	3.87	-0.022	12.04
6/3/2012 22:00	25074	12.95	169	8.09	20.68	7.295	171.2	16.76	13.52	85.5	84.9	34.31	33.92	0	0.427	26.28	3.864	-0.006	11.93
6/3/2012 23:00	25075	11.91	169.3	8.3	20.68	6.714	171.6	16.47	11.74	82.1	81.4	39.19	38.73	0	0.025	26.28	3.857	-0.006	12.13
6/4/2012 0:00	25076	10.87	169.4	9.4	17.1	6.133	172.3	17.22	13.52	79.36	78.64	43.5	42.94	0	0.035	26.28	3.854	-0.003	11.81
6/4/2012 1:00	25077	8.29	175.1	12.35	18.89	4.494	176.8	19.41	9.95	76.65	75.71	48.8	48.3	0	0.029	26.28	3.855	0	15.59
6/4/2012 2:00	25078	8.74	168.7	14.78	15.31	4.782	171.6	21.75	9.95	74.98	74.04	55.62	54.53	0	0.016	26.26	3.855	0.001	15.71
6/4/2012 3:00	25079	10.54	180	8.95	15.31	6.039	183.5	15.96	11.74	74.16	73.46	61.91	60.14	0	0.026	26.25	3.856	0	12.1
6/4/2012 4:00	25080	9.86	179.8	8.61	15.31	5.65	181.5	15.71	11.74	73.46	72.75	65.31	63.46	0	0.022	26.24	3.856	0	11.95
6/4/2012 5:00	25081	5.872	181.5	21.3	9.95	2.508	186.5	29.76	6.368	71.2	69.68	69.06	68.47	0	0.014	26.23	3.856	0	16
6/4/2012 6:00	25082	3.865	145.3	34.37	8.16	0.77	85.3	22.27	4.578	69.48	67.19	71.43	72.39	0	0.005	26.21	3.856	0	11.82
6/4/2012 7:00	25083	6.81	80.5	34.83	11.74	3.604	75.65	36.25	8.16	68.54	67.23	72.22	71.27	0	2.426	26.22	3.856	0	14.64
6/4/2012 8:00	25084	6.166	65.61	18.03	11.74	3.27	62.64	21.7	9.95	67.55	67.06	74.21	71.86	0	87.3	26.22	3.856	0	14.84
6/4/2012 9:00	25085	6.276	121.2	40.77	11.74	3.973	121.8	47.75	8.16	73.43	74.21	64.76	61.56	0	271.4	26.24	3.855	-0.001	11.81
6/4/2012 10:00	25086	5.909	246	71.54	11.74	4.345	248.2	70.29	9.95	77.97	78.83	56.95	53.46	0	457.3	26.3	3.858	0.003	11.92
6/4/2012 11:00	25087	8.74	34.14	19.99	18.89	5.685	29.59	25.43	13.52	80.1	81.4	53.19	49.55	0	677.3	26.33	3.857	0	12.07
6/4/2012 12:00	25088	8.95	55.8	20.47	15.31	5.714	49.99	25.93	13.52	84.6	86.4	43.55	40.7	0	849	26.35	3.857	0	12.12
6/4/2012 13:00	25089	8.99	79.26	20.45	15.31	6.138	74.94	30.18	11.74	89.6	91.9	33.53	31.4	0	960	26.36	3.857	0	12.36
6/4/2012 14:00	25090	9.09	86.9	24.66	20.68	6.273	83.2	34.15	17.1	93.6	96.1	26.2	24.71	0	1003	26.36	3.857	0	12.03
6/4/2012 15:00	25091	9.18	114.7	26.53	18.89	6.277	112.8	37.13	13.52	96.5	99.4	20.1	19	0	997	26.35	3.857	0	15.83
6/4/2012 16:00	25092	10.88	150.6	26.44	22.47	7.124	154.6	33.06	17.1	98.4	101.4	11.85	11.52	0	934	26.32	3.844	-0.013	11.95
6/4/2012 17:00	25093	12.51	161.2	20.42	24.26	8.06	164.7	27.77	18.89	98.4	101.1	14.97	14.27	0	810	26.29	3.812	-0.032	12.15
6/4/2012 18:00	25094	10.81	169	23.83	27.84	6.996	175.1	29.24	20.68	97.9	99.6	14.47	14.24	0	455.8	26.27	3.787	-0.025	15.71
6/4/2012 19:00	25095	9.24	166.4	14.93	20.68	5.661	170.2	21.3	17.1	95.9	96.2	13.72	14.2	0	136.4	26.25	3.762	-0.025	11.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/4/2012 20:00	25096	14.32	70.17	74.56	31.42	9.03	63.44	77.67	26.05	87	87.3	27.27	26.3	0	61.61	26.26	3.749	-0.012	11.96
6/4/2012 21:00	25097	22.79	40.87	10.74	42.15	12.88	37.52	15.42	27.84	72.95	73.24	53.21	50.82	0	7.867	26.26	3.734	-0.015	13.29
6/4/2012 22:00	25098	18.33	46.03	9.96	29.63	10.18	39.89	15.68	24.26	73.31	73.42	49.98	47.87	0	0.138	26.24	3.728	-0.006	15.69
6/4/2012 23:00	25099	10.57	24	12.9	20.68	7.338	21.11	16.17	20.68	74.54	74.69	44.6	42.83	0	0.035	26.26	3.716	-0.013	11.98
6/5/2012 0:00	25100	9.93	52.04	46.51	18.89	6.312	45.44	50.15	15.31	73.55	73.62	47.06	45.29	0	0.037	26.29	3.716	0	16.02
6/5/2012 1:00	25101	7.601	75.39	23.49	17.1	4.435	71.13	29.96	9.95	71.29	71.46	56.45	53.6	0	0.029	26.29	3.716	0	15.65
6/5/2012 2:00	25102	6.96	57.36	16.03	15.31	4.034	51.51	21.42	11.74	70.15	70.28	59.94	57.06	0	0.017	26.31	3.716	0	15.88
6/5/2012 3:00	25103	10.81	76.82	26.41	17.1	6.601	73.48	31.77	13.52	68.39	68.7	65.07	61.36	0	0.025	26.31	3.716	0	15.52
6/5/2012 4:00	25104	7.849	90.2	16.3	13.52	4.74	85.4	25.12	9.95	66.23	66.33	71.52	67.77	0	0.013	26.3	3.716	0	11.78
6/5/2012 5:00	25105	5.958	38.16	17.13	9.95	3.649	34.75	19.35	9.95	65.45	65.5	74.06	70.18	0	0.009	26.31	3.716	0	12.7
6/5/2012 6:00	25106	8.38	9.97	12.63	13.52	6.083	4.884	14.76	11.74	64.98	65.17	75.57	71.37	0	0.008	26.29	3.716	0	11.79
6/5/2012 7:00	25107	9.68	14.03	10.29	15.31	7.242	10.96	12.35	13.52	64.29	64.51	76.98	72.58	0	4.097	26.29	3.716	0	11.83
6/5/2012 8:00	25108	9.11	25.1	11.25	17.1	6.303	20.82	15.37	13.52	65.15	65.38	74.12	69.97	0	67.09	26.29	3.716	0	15.83
6/5/2012 9:00	25109	7.539	13.9	10.8	11.74	5.582	10.56	13.68	9.95	67.61	68.03	68.76	64.55	0	165.7	26.31	3.719	0.003	12.02
6/5/2012 10:00	25110	7.162	7.808	14.98	11.74	5.486	2.913	17.99	9.95	71.41	72.02	60.45	56.5	0	302	26.34	3.719	-0.001	15.7
6/5/2012 11:00	25111	5.129	235.6	82.5	11.74	3.79	242.1	78.13	9.95	75.91	76.7	54.72	51.31	0	441.3	26.36	3.718	-0.001	11.82
6/5/2012 12:00	25112	5.811	207.1	56.08	13.52	4.352	207.2	55.27	11.74	79.88	81.2	52.17	48.56	0	746.6	26.38	3.724	0.006	11.96
6/5/2012 13:00	25113	7.746	197	41.23	17.1	5.615	197.5	41.78	13.52	81.8	83.8	49.97	45.9	0	886	26.39	3.727	0.003	15.96
6/5/2012 14:00	25114	8	170.1	32.22	17.1	5.577	174.5	35.09	13.52	81.8	83.8	47.82	44.26	0	526.5	26.38	3.727	0	12.27
6/5/2012 15:00	25115	7.114	163.6	35.58	15.31	4.854	168.3	46.14	13.52	84.9	86.7	42.95	40.16	0	779.1	26.36	3.727	0	14.14
6/5/2012 16:00	25116	7.02	184.9	42.13	17.1	5.114	188.7	47.02	13.52	87.1	88.8	38.16	35.64	0	782	26.34	3.727	0	13.15
6/5/2012 17:00	25117	7.375	183.1	42.12	17.1	5.332	189.1	44.98	13.52	89.2	91.2	34.72	32.19	0	859	26.33	3.727	0	15.73
6/5/2012 18:00	25118	6.525	147.2	41.58	18.89	4.563	152.3	52.11	11.74	90.2	91.9	33.11	31.29	0	670	26.31	3.721	-0.006	11.92
6/5/2012 19:00	25119	9.05	146.8	32.41	18.89	5.915	150.4	39.28	13.52	87.9	89.6	35.15	33.04	0	370.2	26.28	3.702	-0.019	16.06
6/5/2012 20:00	25120	10.68	139.3	13.45	17.1	6.463	141.8	21.61	11.74	86.3	87.2	37.39	35.67	0	185.2	26.27	3.686	-0.016	11.95
6/5/2012 21:00	25121	8.74	119.5	13.22	15.31	5.18	119.9	22.84	11.74	85	85.2	39.16	37.85	0	49.15	26.26	3.648	-0.038	11.99
6/5/2012 22:00	25122	8.64	85.1	12.6	17.1	5.048	80.6	21.12	11.74	81.2	80.9	46.27	44.85	0	0.28	26.26	3.648	0	15.79
6/5/2012 23:00	25123	12.7	80.1	7.457	18.89	7.266	75.89	18.82	13.52	78.04	77.84	55.71	53.54	0	0.025	26.26	3.645	-0.003	14.53
6/6/2012 0:00	25124	10.58	86.1	11.27	17.1	6.274	82.4	20.23	13.52	76.48	76.18	58.95	56.76	0	0.027	26.27	3.645	0	15.97
6/6/2012 1:00	25125	9.04	102.4	9.72	18.89	5.377	99.3	20.86	9.95	74.95	74.54	61.76	59.55	0	0.029	26.25	3.649	0.004	14.91
6/6/2012 2:00	25126	8.01	102.5	9.56	13.52	4.656	98.6	20.65	9.95	73.2	72.65	64.28	62.18	0	0.027	26.23	3.649	0.001	14.82
6/6/2012 3:00	25127	7.931	114.7	10.37	13.52	4.207	112.2	20.16	9.95	71.09	70.38	67.18	65.24	0	0.019	26.21	3.65	0	12.13
6/6/2012 4:00	25128	7.971	85.5	10.63	11.74	4.294	79.68	19.05	8.16	69.36	68.71	70.02	67.83	0	0.019	26.2	3.65	0	16.07
6/6/2012 5:00	25129	8.17	87.7	7.211	13.52	4.403	82.8	16.9	9.95	67.77	67.12	72.65	70.35	0	0.015	26.19	3.65	0	12.04
6/6/2012 6:00	25130	9.22	98.4	9.18	15.31	5.549	94.3	19.36	11.74	66.75	66.28	74.18	71.42	0	0.016	26.19	3.646	-0.003	12.3
6/6/2012 7:00	25131	10.62	105.6	8.8	18.89	6.286	102.1	20.45	13.52	66.35	65.97	73.57	70.71	0	1.358	26.19	3.646	0	16.02
6/6/2012 8:00	25132	13.03	106	9.49	22.47	7.903	103.6	20.68	18.89	67.6	67.51	70.08	67.03	0	83.6	26.21	3.65	0.003	11.93
6/6/2012 9:00	25133	16.67	109.6	10.97	26.05	9.92	107.5	22.34	20.68	71.97	72.79	60.43	56.99	0	288.8	26.25	3.646	-0.004	16.05
6/6/2012 10:00	25134	18.97	102.5	12.09	31.42	12.02	99.9	21.56	22.47	74.17	75.5	55.87	52.11	0	454.6	26.29	3.648	0.003	11.9
6/6/2012 11:00	25135	19.45	112.7	14.06	29.63	11.8	111.4	23.91	24.26	78.2	80.4	48.92	45.1	0	681.9	26.3	3.648	0	11.86
6/6/2012 12:00	25136	20.75	122.6	13.24	33.21	12.51	123.5	22.62	24.26	80.2	82.8	44.58	40.73	0	841	26.32	3.648	0	12.38
6/6/2012 13:00	25137	20.11	124.5	11.8	33.21	12.16	125	21.23	24.26	83	86.1	39.57	35.86	0	954	26.34	3.648	0	16.13
6/6/2012 14:00	25138	18.95	131.2	13.05	31.42	11.44	131.9	22.1	20.68	84.9	88.4	36.83	33.07	0	999	26.33	3.641	-0.006	11.97
6/6/2012 15:00	25139	18.37	132.1	14.32	29.63	11.24	133.6	22.74	20.68	87.2	90.7	33.15	29.76	0	983	26.32	3.616	-0.025	15.04
6/6/2012 16:00	25140	14.22	140.1	15.39	27.84	8.84	141.4	24.91	20.68	91.4	94.7	27.19	24.72	0	935	26.3	3.594	-0.022	15.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/6/2012 17:00	25141	12	159.3	34.33	29.63	7.822	163	40.23	18.89	93.9	96.5	21.06	19.65	0	771.7	26.29	3.578	-0.016	14.81
6/6/2012 18:00	25142	10.68	174	23.44	24.26	7.078	176.7	29.33	17.1	95.2	97.4	17.62	16.77	0	660.7	26.27	3.556	-0.022	16.04
6/6/2012 19:00	25143	7.947	193.3	31.1	17.1	5.644	195.7	32.54	13.52	95.3	96.4	15.28	15.14	0	456.3	26.26	3.54	-0.016	14.11
6/6/2012 20:00	25144	8.13	168.9	25.05	17.1	5.111	172.6	28.89	11.74	94.4	94.7	15.54	15.98	0	237	26.25	3.524	-0.016	11.88
6/6/2012 21:00	25145	15.04	96.3	9.94	24.26	9.54	93.4	19.75	18.89	85.2	85.4	37.28	35.87	0	42.21	26.25	3.512	-0.012	11.94
6/6/2012 22:00	25146	15.24	90.8	9.77	26.05	9.33	87.7	19.89	20.68	79.62	79.42	45.1	43.7	0	0.446	26.24	3.509	-0.003	12.01
6/6/2012 23:00	25147	17.36	86	8.66	26.05	10.37	83.3	18.96	18.89	75.53	75.4	51.61	49.64	0	0.023	26.25	3.503	-0.006	12.76
6/7/2012 0:00	25148	15.48	93.9	10.49	26.05	9.72	91.6	20.54	18.89	73.57	73.37	53.25	51.26	0	0.027	26.26	3.5	-0.003	11.78
6/7/2012 1:00	25149	13.31	100.3	9.65	27.84	8.23	97.8	20.36	18.89	72.77	72.48	53.86	51.92	0	0.027	26.26	3.5	0	15.92
6/7/2012 2:00	25150	12.18	104.5	9.37	20.68	7.438	102.2	21.07	15.31	71.81	71.44	56.51	54.5	0	0.035	26.25	3.5	0	12.13
6/7/2012 3:00	25151	9.44	99.3	10.37	17.1	5.644	95.7	21.02	13.52	70.14	69.69	60.61	58.49	0	0.019	26.23	3.497	-0.003	11.77
6/7/2012 4:00	25152	9.7	87.1	8.37	17.1	5.519	83.6	18.15	11.74	68.03	67.49	64.47	62.32	0	0.016	26.22	3.497	0	14.3
6/7/2012 5:00	25153	10.36	74.25	8.91	15.31	5.84	66.85	18.36	11.74	66.02	65.62	67.92	65.3	0	0.014	26.21	3.497	0	11.77
6/7/2012 6:00	25154	13.12	67.63	6.777	18.89	8.12	62.27	15.75	15.31	64.44	64.2	74.34	70.86	0	0.012	26.22	3.5	0.003	12.1
6/7/2012 7:00	25155	14.38	71.2	7.978	20.68	8.43	65.19	17.9	15.31	63.98	63.79	80.1	76.33	0	2.191	26.23	3.497	-0.003	14.01
6/7/2012 8:00	25156	15.11	72.83	9.15	22.47	9.14	67.35	18.62	17.1	64.51	64.7	83	78.25	0	100.7	26.24	3.497	0	11.83
6/7/2012 9:00	25157	14.79	86	10.97	27.84	9.07	82.7	19.78	20.68	67.75	68.77	78.05	72.54	0	299	26.28	3.5	0.003	11.93
6/7/2012 10:00	25158	14.65	88.9	10.94	24.26	9.1	84.8	21.23	18.89	71.23	73.15	70.12	64.09	0	504.5	26.32	3.499	-0.001	15.91
6/7/2012 11:00	25159	16.32	82.1	11.48	27.84	9.99	76.72	20.86	18.89	74.97	77.32	62.37	56.43	0	684.5	26.36	3.499	0	16.23
6/7/2012 12:00	25160	15.81	104.3	17.09	27.84	10.05	101.3	26.6	20.68	78.78	81.5	55.41	49.97	0	851	26.38	3.499	0	11.83
6/7/2012 13:00	25161	14.44	127.3	18.3	26.05	9.13	127.1	27.27	18.89	82.7	85.9	50.24	45.06	0	958	26.4	3.499	-0.001	11.8
6/7/2012 14:00	25162	12.89	137	22.31	26.05	8.28	139.2	30.66	18.89	86.9	90.3	43.54	39.08	0	1009	26.4	3.499	0	15.84
6/7/2012 15:00	25163	9.67	144.8	30.34	22.47	6.454	145.1	37.44	17.1	91.4	94.6	35.18	31.93	0	1012	26.4	3.496	-0.003	11.81
6/7/2012 16:00	25164	8.52	114.4	34.74	20.68	5.828	110	43.78	15.31	93.2	95.9	30.44	27.97	0	888	26.39	3.477	-0.019	11.77
6/7/2012 17:00	25165	9.63	130.5	24.65	18.89	6.306	127.8	33.58	15.31	93.8	96.5	29.51	27.23	0	777.6	26.38	3.448	-0.029	15.91
6/7/2012 18:00	25166	10.16	148.4	27.45	20.68	6.619	149.8	35.45	15.31	93.7	96.2	28.9	26.67	0	628.9	26.37	3.429	-0.019	16.07
6/7/2012 19:00	25167	9.75	134.4	22.56	20.68	6.253	137.3	30.44	15.31	93.6	95.5	27.79	26.16	0	446.7	26.35	3.41	-0.019	13.07
6/7/2012 20:00	25168	14.38	123.6	16.32	29.63	8.78	125	25.7	22.47	91.6	92.4	31.49	30.16	0	224	26.35	3.385	-0.025	11.87
6/7/2012 21:00	25169	19.7	119.8	10.34	31.42	11.39	120.9	20.79	20.68	86.2	86.5	43.53	41.84	0	49.64	26.35	3.372	-0.012	11.78
6/7/2012 22:00	25170	17.64	111	9.3	27.84	10.4	110.2	21.79	20.68	81.7	81.6	47.92	46.22	0	0.394	26.35	3.366	-0.006	15.93
6/7/2012 23:00	25171	16.53	110.6	9.38	26.05	9.67	109.2	21.47	18.89	79.4	79.2	48.98	47.32	0	0.025	26.35	3.36	-0.006	14.75
6/8/2012 0:00	25172	14.4	108.3	9.54	22.47	8.58	106.6	20.67	18.89	76.45	76.23	51.15	49.35	0	0.033	26.35	3.36	0	11.82
6/8/2012 1:00	25173	12.65	107.6	11.25	22.47	7.364	105.7	22.57	22.47	74.19	73.91	55.51	53.37	0	0.025	26.35	3.361	0	12.16
6/8/2012 2:00	25174	14.15	91.6	9.63	24.26	8.76	88.9	19.17	17.1	68.58	68.7	82	77.33	0	0.024	26.35	3.361	0	16.14
6/8/2012 3:00	25175	13.39	94	9.41	20.68	8.38	91.4	19.56	15.31	66.51	66.52	87.1	82.5	0	0.016	26.33	3.361	0	14.6
6/8/2012 4:00	25176	15.4	108.1	9.25	24.26	9.09	106.9	21.1	17.1	65.81	65.68	84.5	80.4	0	0.011	26.32	3.361	0	15.71
6/8/2012 5:00	25177	13.68	103	10.38	24.26	8.44	102	21.29	17.1	64.69	64.6	85.4	81.1	0	0.014	26.32	3.361	0	14.92
6/8/2012 6:00	25178	13.11	101.8	9.32	22.47	8.11	99.2	20.73	17.1	64.02	63.9	86.4	82.2	0	0.009	26.32	3.361	0	15.92
6/8/2012 7:00	25179	12.63	107.6	8.95	20.68	7.5	106.2	21.69	15.31	63.71	63.53	85.5	81.5	0	2.968	26.33	3.361	0	15.95
6/8/2012 8:00	25180	11.77	104.7	9.77	18.89	7.272	103.6	21.19	15.31	64.27	64.48	84	79.46	0	86.7	26.35	3.361	0	11.82
6/8/2012 9:00	25181	15.86	113	10.28	24.26	9.51	111.7	21.89	20.68	66.6	67.74	78.44	72.87	0	275.7	26.37	3.364	0.003	12
6/8/2012 10:00	25182	14.73	117.8	12.19	22.47	8.91	117.3	22.61	17.1	69.89	72.04	70.83	64.5	0	498	26.4	3.363	-0.001	11.81
6/8/2012 11:00	25183	14.03	125.2	13.69	24.26	8.74	126.1	23.06	18.89	73.06	75.8	65.48	58.95	0	664.5	26.42	3.373	0.009	16.05
6/8/2012 12:00	25184	13.83	126.5	17.2	22.47	8.59	129	26.27	17.1	76.2	79.53	60.73	53.99	0	861	26.43	3.373	0	15.37
6/8/2012 13:00	25185	12.99	126.2	16.61	24.26	8.41	126.7	26	17.1	78.77	82.2	56.62	50.3	0	959	26.44	3.372	0	11.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/8/2012 14:00	25186	13.46	129.6	19.94	24.26	8.69	130.1	28.76	20.68	81.6	85.2	51.98	46.09	0	1006	26.43	3.372	0	13.12
6/8/2012 15:00	25187	13.15	139.4	21.66	26.05	8.28	140.1	28.95	17.1	84.3	88	47.83	42.33	0	997	26.42	3.369	-0.003	11.97
6/8/2012 16:00	25188	11.95	139	20.39	24.26	7.685	140.5	28.43	17.1	86.5	89.9	44.5	39.83	0	903	26.4	3.35	-0.019	14.53
6/8/2012 17:00	25189	11.92	137.6	23.18	22.47	7.666	138.8	31.94	18.89	87.9	91	40.83	36.89	0	807	26.38	3.331	-0.019	11.94
6/8/2012 18:00	25190	12.63	129.5	20.18	22.47	8.02	131.1	28.32	17.1	88.2	90.9	39.76	36.22	0	638	26.36	3.309	-0.022	12.02
6/8/2012 19:00	25191	13.51	139.4	14.68	24.26	8.33	142.7	21.86	17.1	88.4	90.3	38.61	35.74	0	441.3	26.34	3.296	-0.013	15.68
6/8/2012 20:00	25192	14.95	133.6	11.04	22.47	8.89	136.7	20.17	17.1	87.2	88.1	39.85	37.8	0	229.8	26.32	3.283	-0.013	15.71
6/8/2012 21:00	25193	16.15	127.7	9.52	26.05	9.39	129.6	19.61	18.89	84.5	84.7	44.13	42.47	0	53.84	26.3	3.274	-0.009	12.57
6/8/2012 22:00	25194	13.72	125	7.928	22.47	7.73	125.1	19.01	17.1	81.4	81.1	48.23	46.75	0	0.629	26.29	3.268	-0.006	12.75
6/8/2012 23:00	25195	12.27	122.2	8.11	20.68	6.939	122.7	19.82	15.31	79.17	78.82	52.27	50.54	0	0.028	26.28	3.271	0.003	11.53
6/9/2012 0:00	25196	11.78	125.7	7.867	18.89	6.649	126.2	18.99	11.74	76.74	76.33	56.66	54.71	0	0.033	26.28	3.268	-0.003	12.16
6/9/2012 1:00	25197	11.08	130.2	8.92	26.05	6.333	131.6	19.26	15.31	74.75	74.36	60.75	58.56	0	0.028	26.27	3.272	0.004	12.02
6/9/2012 2:00	25198	10.8	142.7	8.26	17.1	6.195	143.2	16.53	11.74	73.23	72.82	62.98	60.72	0	0.034	26.26	3.272	0	11.94
6/9/2012 3:00	25199	10.27	144.2	8.12	17.1	5.682	145.9	16.41	11.74	71.63	71.15	64.71	62.47	0	0.032	26.24	3.272	0	16.19
6/9/2012 4:00	25200	7.422	125.6	10.31	11.74	3.722	122.6	21.38	8.16	69.28	68.43	68.73	66.88	0	0.019	26.21	3.269	-0.003	15.6
6/9/2012 5:00	25201	6.677	120.1	10.53	9.95	3.317	117.1	21.72	8.16	67.11	66.29	72.82	70.69	0	0.011	26.2	3.269	0	11.63
6/9/2012 6:00	25202	6.013	112.7	9.65	9.95	2.925	103	19.65	6.368	65.32	64.51	76.46	74.15	0	0.012	26.19	3.272	0.003	11.88
6/9/2012 7:00	25203	7.526	118.8	10.93	13.52	3.935	115.6	22.37	8.16	64.01	63.34	79.08	76.4	0	3.27	26.18	3.272	0	12.36
6/9/2012 8:00	25204	5.626	139.2	19.43	9.95	2.988	138.7	27.28	8.16	65.81	65.78	77.18	73.74	0	96.8	26.18	3.272	0	16.02
6/9/2012 9:00	25205	8.94	180.4	12.87	15.31	5.826	183.3	18.62	11.74	70.52	71.64	71.58	66.7	0	288.9	26.2	3.272	-0.001	11.97
6/9/2012 10:00	25206	11.68	196	11.54	17.1	7.988	198.6	16.78	15.31	76.17	77.6	61.02	56.65	0	496.5	26.23	3.271	-0.001	15.93
6/9/2012 11:00	25207	11.17	208.4	13.46	17.1	8.05	209.5	16.15	15.31	81.5	83	47.56	44.31	0	680.5	26.26	3.271	0	12.18
6/9/2012 12:00	25208	10.16	235	20.18	18.89	7.852	232	21.35	17.1	87.1	88.1	33.36	31.57	0	827	26.27	3.271	0	11.97
6/9/2012 13:00	25209	12.1	264.7	19.69	18.89	8.89	258.9	24.82	18.89	94.2	95	11.9	12.16	0	956	26.28	3.271	0	11.82
6/9/2012 14:00	25210	11.96	266.1	17.2	20.68	8.43	261.5	23.66	18.89	97.7	98.5	3.712	3.691	0	900	26.27	3.271	0	14.01
6/9/2012 15:00	25211	11.27	275.4	17.84	20.68	7.741	272.9	25.86	15.31	99	99.8	2.598	1.94	0	879	26.26	3.255	-0.016	11.91
6/9/2012 16:00	25212	14.13	268.3	19.42	26.05	10.11	264.4	25.2	20.68	101.1	102	2.636	1.951	0	938	26.23	3.22	-0.035	11.89
6/9/2012 17:00	25213	16.12	250.6	15.19	29.63	12.47	246.3	17.39	24.26	101.7	102.5	2.655	1.949	0	835	26.21	3.188	-0.032	11.79
6/9/2012 18:00	25214	13.48	248.4	19.55	26.05	10.21	244.5	21.44	20.68	101.8	102.5	2.642	1.954	0	679.8	26.19	3.137	-0.051	11.86
6/9/2012 19:00	25215	12	259.3	19.4	24.26	8.51	253.7	23.29	20.68	101.5	101.9	2.668	1.951	0	467.7	26.17	3.118	-0.019	15.82
6/9/2012 20:00	25216	12.18	263.3	16.14	22.47	8.53	258	21.52	17.1	100.1	99.8	2.633	1.921	0	252.3	26.16	3.103	-0.016	16.14
6/9/2012 21:00	25217	10.15	267	11.26	20.68	6.372	258	17.63	17.1	96.4	95.7	2.556	2.314	0	62.77	26.16	3.093	-0.009	16.17
6/9/2012 22:00	25218	6.145	238.5	13.08	9.95	2.198	225.6	17.09	4.578	88.6	84.4	3.591	7.002	0	0.471	26.15	3.094	0	15.79
6/9/2012 23:00	25219	2.645	219	10.46	6.368	0.676	98.1	15.97	2.789	82.8	78.71	7.297	10.84	0	0.01	26.13	3.091	-0.003	12.57
6/10/2012 0:00	25220	4.882	187.2	28.17	17.1	2.285	122.5	22.61	9.95	79.68	75.53	11.91	14.96	0	0.015	26.12	3.095	0.004	11.78
6/10/2012 1:00	25221	11.65	169.4	10.2	18.89	6.413	170.9	17.92	15.31	79.11	77.89	44.8	44.01	0	0.024	26.12	3.095	0	11.94
6/10/2012 2:00	25222	12.62	177.1	8.48	20.68	7.432	180.2	16.06	15.31	78.83	78.15	52.52	51.17	0	0.045	26.13	3.094	-0.001	11.84
6/10/2012 3:00	25223	11.98	176.2	8.83	20.68	6.949	179.3	16.68	13.52	76.85	76.16	58	56.37	0	0.036	26.13	3.094	0	16.06
6/10/2012 4:00	25224	8.06	186.4	10.26	13.52	4.526	190.5	15.95	9.95	74.71	73.8	63.13	61.49	0	0.025	26.13	3.094	0	15.7
6/10/2012 5:00	25225	6.706	202	12.66	11.74	3.716	206.1	16.97	8.16	72.96	71.63	66.31	65.31	0	0.019	26.13	3.095	0	15.82
6/10/2012 6:00	25226	6.712	214	13.21	11.74	3.504	220.6	19.73	8.16	71.14	69.6	68.99	68.23	0	0.012	26.13	3.095	0	15.75
6/10/2012 7:00	25227	4.935	237.7	13.83	8.16	1.293	253.8	15.66	4.578	68.99	65.88	73.02	74.55	0	2.178	26.13	3.095	0	15.59
6/10/2012 8:00	25228	6.039	240.6	19.56	9.95	3.36	246.4	29.85	8.16	68.78	66.93	74.25	73.35	0	97.8	26.13	3.095	0	11.75
6/10/2012 9:00	25229	8.1	226.4	9.99	11.74	6.152	225.4	12.36	9.95	72.56	72.86	66.21	62.73	0	299	26.18	3.094	-0.001	15.94
6/10/2012 10:00	25230	8.29	247	15.15	15.31	6.584	243.1	16.64	11.74	80.9	81.3	42.9	41.28	0	510.9	26.22	3.094	0	11.73

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/10/2012 11:00	25231	12.13	281.5	15.21	20.68	8.04	279.5	24.77	17.1	91	91.5	8.28	9.21	0	699.2	26.26	3.096	0.003	11.91
6/10/2012 12:00	25232	16.49	296.9	13.23	27.84	11.22	297.9	19.65	22.47	94.9	95.7	2.536	2.61	0	874	26.29	3.096	0	11.9
6/10/2012 13:00	25233	15.45	290.5	16.28	29.63	10.63	290	23.87	22.47	96.5	97.5	2.552	2.06	0	988	26.31	3.093	-0.003	11.78
6/10/2012 14:00	25234	14.48	270.6	20.04	29.63	10.19	265.9	26.14	22.47	98.7	99.8	2.586	1.925	0	1036	26.3	3.074	-0.019	15.88
6/10/2012 15:00	25235	15.72	257.8	19.75	31.42	11.76	254.1	23.02	26.05	100	101	2.615	1.938	0	1032	26.3	3.042	-0.032	12.15
6/10/2012 16:00	25236	16.81	249.9	18.52	33.21	12.81	246.2	19.51	27.84	100.2	101.3	2.618	1.946	0	972	26.29	3.008	-0.035	15.97
6/10/2012 17:00	25237	16.28	248.7	17.2	33.21	12.52	244.5	18.15	26.05	100.5	101.4	2.627	1.943	0	846	26.28	2.973	-0.035	12.32
6/10/2012 18:00	25238	16.25	251.1	18.16	33.21	12.12	246.6	20.27	24.26	100.1	101	2.613	1.945	0	670.9	26.27	2.935	-0.038	11.99
6/10/2012 19:00	25239	16.36	248.5	15.82	31.42	12.49	244.2	16.27	26.05	99.3	99.7	2.627	1.949	0	469.4	26.26	2.874	-0.06	12.16
6/10/2012 20:00	25240	14.61	246.6	13.66	26.05	11.24	243.5	14.57	20.68	98	97.8	2.603	2.062	0	253.5	26.26	2.855	-0.019	15.82
6/10/2012 21:00	25241	14.3	229.5	8.77	29.63	10.12	227.6	11.34	22.47	94.9	94.6	2.539	2.916	0	62.67	26.27	2.84	-0.016	13.18
6/10/2012 22:00	25242	8.14	224	7.237	17.1	4.518	222.1	12.04	11.74	88.9	87.2	4.396	6.115	0	0.515	26.27	2.837	-0.003	11.93
6/10/2012 23:00	25243	6.422	240.1	15.99	11.74	2.372	243.4	20.9	8.16	83.6	79.51	7.122	10.59	0	0.01	26.25	2.837	0	11.81
6/11/2012 0:00	25244	6.035	273.9	17.76	9.95	2.298	276.6	30.48	6.368	80.6	77.36	8.09	11.31	0	0.009	26.24	2.84	0.004	15.71
6/11/2012 1:00	25245	3.979	247.8	23.44	9.95	0.968	173.8	40.4	4.578	78.45	72.84	8.19	13.07	0	0.013	26.22	2.838	-0.003	15.68
6/11/2012 2:00	25246	2.328	316.4	64.24	6.368	1.625	93.8	25.88	4.578	76.88	70.83	8.57	15.3	0	0.012	26.2	2.838	0	11.76
6/11/2012 3:00	25247	5.29	301	45.46	9.95	2.272	351.8	39.59	6.368	77.03	69.66	7.765	15.96	0	0.008	26.19	2.841	0.003	11.86
6/11/2012 4:00	25248	7.578	207.3	59.45	20.68	3.545	211.2	55.64	15.31	76.36	72.8	8.72	11.82	0	0.008	26.21	2.838	-0.003	16.07
6/11/2012 5:00	25249	3.445	225.3	21.79	6.368	0.493	138.9	30.06	4.578	74.68	69.62	10.68	15.56	0	0.008	26.23	2.838	0	11.8
6/11/2012 6:00	25250	2.439	212.4	49.15	15.31	0.572	119.2	14.9	8.16	71.53	66.68	12.86	20.33	0	0.008	26.23	2.838	0	12.15
6/11/2012 7:00	25251	5.197	171.6	15.03	9.95	1.249	131.1	16.65	6.368	72.42	65.51	14.58	20.52	0	3.188	26.24	2.841	0.003	15.07
6/11/2012 8:00	25252	4.565	206.3	38.1	8.16	1.442	193.1	62.05	6.368	72.61	67.97	18.34	25.27	0	102.3	26.26	2.838	-0.003	11.82
6/11/2012 9:00	25253	3.803	276.6	26.02	8.16	2.444	279.1	32.48	6.368	78.44	77.8	16.1	18.49	0	301.3	26.31	2.84	0.002	11.92
6/11/2012 10:00	25254	4.881	236.8	24.67	9.95	3.726	238.6	24.91	8.16	85.3	85.5	9.4	10.39	0	491.5	26.37	2.84	0	16.18
6/11/2012 11:00	25255	8.11	309.7	19.22	17.1	6.176	310.4	22.44	15.31	90.2	90.6	6.424	7.287	0	693.8	26.41	2.84	0	11.92
6/11/2012 12:00	25256	7.889	316.4	22.55	13.52	6.208	316.6	25.81	13.52	94	94.4	2.884	3.629	0	861	26.43	2.84	0	14.17
6/11/2012 13:00	25257	7.832	343.6	43.68	17.1	6.217	341.7	43.37	15.31	96.1	96.9	3.652	3.976	0	932	26.45	2.84	0	16.18
6/11/2012 14:00	25258	6.649	1.55	30.14	13.52	5.091	358.2	31.05	11.74	97.2	98.1	5.643	6.11	0	919	26.46	2.84	0	12.43
6/11/2012 15:00	25259	6.593	20.75	40.72	13.52	4.839	12.87	42.37	11.74	99.6	100.6	6.423	6.817	0	928	26.45	2.827	-0.013	11.92
6/11/2012 16:00	25260	7.077	336.5	63.4	13.52	5.718	332.8	61.69	11.74	100.7	101.3	3.556	4.259	0	960	26.44	2.805	-0.022	11.94
6/11/2012 17:00	25261	6.061	266.8	89.8	15.31	4.602	269.3	83.9	11.74	101.4	102.1	2.689	2.913	0	602.6	26.43	2.786	-0.019	11.96
6/11/2012 18:00	25262	5.142	215	46.04	13.52	3.778	218.4	42.47	11.74	99.7	100.2	2.62	2.738	0	339.8	26.41	2.764	-0.022	13.97
6/11/2012 19:00	25263	6.065	190.5	38.12	17.1	4.208	199.2	37.8	11.74	100.1	100.5	2.64	2.58	0	354.7	26.4	2.751	-0.013	12.01
6/11/2012 20:00	25264	7.39	175.5	21.86	17.1	4.511	178.3	25.76	11.74	98.6	98.6	2.742	3.688	0	202.9	26.39	2.735	-0.016	15.91
6/11/2012 21:00	25265	6.88	163.2	17.76	9.95	2.693	158.9	26.52	6.368	94.4	92.1	6.516	9.41	0	52.07	26.38	2.729	-0.006	12.21
6/11/2012 22:00	25266	7.548	137.6	37.56	17.1	2.653	102.9	27.32	11.74	90.3	85.1	11.26	15.02	0	0.433	26.38	2.726	-0.003	11.96
6/11/2012 23:00	25267	11.77	98.7	9.02	18.89	7.298	95.6	19.48	15.31	87.2	86.5	23.66	23.68	0	0.037	26.39	2.723	-0.003	14.26
6/12/2012 0:00	25268	11.77	90.1	10.43	20.68	6.948	86.5	19.84	17.1	83	82.4	29.01	28.73	0	0.036	26.4	2.716	-0.006	12.04
6/12/2012 1:00	25269	13.16	77.89	8.07	31.42	7.176	72.51	18.9	15.31	80.1	79.45	32.88	32.46	0	0.023	26.4	2.713	-0.003	16.28
6/12/2012 2:00	25270	11.46	78.26	11.68	17.1	6.825	72.76	20.06	13.52	76.34	75.89	38.65	37.7	0	0.023	26.39	2.714	0	11.77
6/12/2012 3:00	25271	11.6	88.7	11.76	18.89	6.99	85.3	20.8	13.52	73.9	73.48	46.96	45.44	0	0.022	26.39	2.714	0	12.15
6/12/2012 4:00	25272	10.75	92.4	16.28	18.89	6.381	88.8	25.56	13.52	73.23	72.77	54.78	52.89	0	0.022	26.38	2.717	0.003	15.95
6/12/2012 5:00	25273	8.87	87.4	12.15	13.52	5.22	82.5	21.43	11.74	70.77	70.23	58.03	56.06	0	0.015	26.37	2.717	0	14.61
6/12/2012 6:00	25274	7.691	89.6	8.32	11.74	4.247	85.7	17.64	8.16	69.36	68.63	61.31	59.47	0	0.015	26.35	2.717	0	15.9
6/12/2012 7:00	25275	7.242	94	8.17	11.74	3.863	86.7	17.79	8.16	67.74	66.78	64.46	62.78	0	3.882	26.35	2.717	0	15.8

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/12/2012 8:00	25276	8.15	73.34	13.78	11.74	4.712	66.03	20.32	8.16	69.25	69.24	63.16	60.34	0	109.9	26.37	2.714	-0.003	11.73
6/12/2012 9:00	25277	12.89	41.87	14.33	24.26	7.602	37.25	18.1	18.89	73.07	73.57	59.16	55.69	0	286.2	26.43	2.717	0.003	11.85
6/12/2012 10:00	25278	16.2	66.1	10.43	22.47	9.76	61.36	18.72	17.1	76.41	77.48	57.95	53.98	0	364	26.48	2.716	0	15.7
6/12/2012 11:00	25279	17.06	72.48	12.79	29.63	10.56	67.99	21.42	20.68	79.14	81.2	57.09	51.96	0	674.6	26.5	2.716	0	14.41
6/12/2012 12:00	25280	18.69	79.77	14.09	29.63	11.55	76.62	23.4	22.47	80.5	83.1	55.74	50.11	0	850	26.5	2.716	0	16.06
6/12/2012 13:00	25281	16.52	89.3	14.8	29.63	10.5	85.3	24.5	22.47	83.1	85.9	50.61	45.56	0	847	26.51	2.716	0	12.04
6/12/2012 14:00	25282	15.83	98.4	18.26	27.84	9.96	95.7	27.46	20.68	87	90.2	45.08	40.43	0	900	26.5	2.703	-0.013	11.94
6/12/2012 15:00	25283	15.29	111.1	19.53	27.84	9.65	109.1	28.12	22.47	89.9	93.2	38.93	34.94	0	962	26.48	2.665	-0.038	15.95
6/12/2012 16:00	25284	14.91	111.9	17.36	27.84	9.43	110.8	26.75	18.89	90.5	93.3	39.6	35.88	0	635.3	26.46	2.64	-0.025	14.25
6/12/2012 17:00	25285	16.28	116.2	14.39	29.63	9.87	116.2	24.96	20.68	91.2	93.1	39.55	36.59	0	494.7	26.43	2.627	-0.013	15.84
6/12/2012 18:00	25286	18.61	120.3	13.09	31.42	11.14	120.2	23.01	24.26	92.4	94.2	36.12	33.56	0	447.6	26.41	2.611	-0.016	11.96
6/12/2012 19:00	25287	19.98	124.9	11.8	31.42	11.63	125.7	21.73	24.26	93.1	94.5	30.5	28.68	0	342.6	26.37	2.592	-0.019	14.14
6/12/2012 20:00	25288	20.29	138.8	19.83	33.21	11.78	140.7	26.76	24.26	90.5	90.7	32.07	30.75	0	15.95	26.34	2.577	-0.016	13.5
6/12/2012 21:00	25289	26.44	65.84	21.61	51.1	15.68	60.74	26.11	42.15	74.76	74.77	68	65.76	0.08	1.961	26.4	2.596	0.019	12.02
6/12/2012 22:00	25290	25.7	99.1	16.02	56.47	15.37	95.7	23.7	38.57	67.78	66.11	78.41	77.91	0.04	3.646	26.36	2.638	0.042	13.66
6/12/2012 23:00	25291	18.18	110.7	11.44	31.42	10.73	109.3	21.58	22.47	73.15	70.85	79.45	77.2	0	0.014	26.34	2.638	0	11.95
6/13/2012 0:00	25292	19.83	129.3	8.86	34.99	11.35	129.8	19.04	24.26	75.84	72.92	74.32	72.61	0	0.029	26.33	2.638	0	14.02
6/13/2012 1:00	25293	17.32	131.7	8.99	31.42	9.89	133	19.26	22.47	76.03	72.79	66.65	65.59	0	0.029	26.34	2.638	0	13.29
6/13/2012 2:00	25294	12.27	140.6	9.57	20.68	6.957	142.3	18.14	15.31	74.2	70.91	74.13	72.04	0	0.017	26.32	2.638	0	11.91
6/13/2012 3:00	25295	10.06	141.7	15.37	15.31	5.407	142.8	23.12	9.95	72.84	69.25	76.99	75.09	0	0.013	26.31	2.638	0	11.72
6/13/2012 4:00	25296	17.33	78.82	37.6	34.99	10.08	73.91	42.07	26.05	73.06	69.52	73.82	71.68	0	0.021	26.34	2.638	0	15.91
6/13/2012 5:00	25297	17.15	75.45	10.73	26.05	9.95	71.59	19.76	18.89	72.8	69.22	74.23	71.79	0	0.022	26.36	2.638	0	16.01
6/13/2012 6:00	25298	17.32	85.4	9.77	27.84	10.01	81.5	19.73	18.89	69.13	65.6	81.8	78.32	0	0.013	26.34	2.638	0	15.79
6/13/2012 7:00	25299	14.59	92.4	10.1	26.05	9.03	88.7	19.09	18.89	67.23	63.6	84.5	80.9	0	2.311	26.32	2.638	0	12.08
6/13/2012 8:00	25300	14.11	93.5	9.84	26.05	8.99	90.2	19.84	18.89	67.91	64.38	82.5	78.8	0	83.5	26.34	2.638	0	11.67
6/13/2012 9:00	25301	15.27	102.6	11.99	26.05	9.62	99.2	22.48	22.47	70.3	67.37	76.39	72.17	0	270.3	26.35	2.638	0	12.07
6/13/2012 10:00	25302	19.02	118.8	10.57	31.42	11.14	117.9	21.18	24.26	73.86	71.52	71.37	66.8	0	431.5	26.37	2.637	-0.001	11.77
6/13/2012 11:00	25303	21.04	125.8	9.78	33.21	12.09	125.6	20.13	26.05	76.05	73.82	69.05	64.46	0	468.9	26.39	2.637	0	12.09
6/13/2012 12:00	25304	20.13	136.4	11.43	29.63	11.76	136.6	20.28	20.68	78.72	76.6	67.91	62.94	0	529.3	26.4	2.637	0	15.76
6/13/2012 13:00	25305	18.7	143.2	11.98	29.63	11.21	145	19.71	22.47	81.6	79.93	65.24	59.77	0	647.5	26.41	2.634	-0.003	11.91
6/13/2012 14:00	25306	20.28	144.2	12.47	34.99	12.07	145.3	19.61	22.47	84.4	83	61.71	56.36	0	783.7	26.39	2.628	-0.006	13.91
6/13/2012 15:00	25307	17.01	151.8	18.63	29.63	10.37	153.7	24.93	20.68	87.5	85.9	56.65	51.91	0	602.7	26.38	2.611	-0.016	16.03
6/13/2012 16:00	25308	14.52	169.8	12.3	22.47	8.75	171.8	18.81	18.89	89	86.5	49.35	46.8	0	371.8	26.35	2.605	-0.006	11.75
6/13/2012 17:00	25309	14.56	189.9	16.1	26.05	9.46	192	20.32	20.68	92.7	90.4	40.19	38.25	0	433.8	26.34	2.596	-0.01	16.22
6/13/2012 18:00	25310	15.76	190.3	9.12	22.47	10.1	192.4	14.8	17.1	91.2	88.2	41.11	39.85	0	124.3	26.31	2.586	-0.009	11.75
6/13/2012 19:00	25311	16.96	189.2	12.46	31.42	10.75	192.2	18.09	22.47	88.4	85.2	47.09	45.59	0	68.31	26.28	2.58	-0.006	11.92
6/13/2012 20:00	25312	19.92	172.7	11.65	31.42	11.86	175.7	19	22.47	87.9	84.7	43.11	42.17	0	54.48	26.24	2.574	-0.006	12.76
6/13/2012 21:00	25313	9	129.6	76.86	20.68	5.248	128	75.8	17.1	87.1	83.9	41.38	40.72	0	24.1	26.25	2.571	-0.003	11.92
6/13/2012 22:00	25314	6.045	187.6	65.69	24.26	3.743	185	70.24	15.31	84.5	80.1	47.71	48.74	0	0.409	26.26	2.574	0.003	11.9
6/13/2012 23:00	25315	5.447	145.2	15.45	11.74	2.055	136.4	23.18	8.16	82	76.69	55.3	57.26	0	0.025	26.26	2.574	0	11.79
6/14/2012 0:00	25316	6.873	87.9	21.52	11.74	3.364	71.04	17.4	9.95	78.27	73.69	65.75	66.31	0	0.031	26.25	2.574	0.001	11.77
6/14/2012 1:00	25317	6.693	108	11.7	13.52	2.7	95	17.97	6.368	75.65	70.68	71.02	72.31	0	0.021	26.24	2.571	-0.003	16.2
6/14/2012 2:00	25318	7.554	83.8	8.36	9.95	3.669	73.57	17.45	6.368	74.34	69.99	75.17	75.14	0	0.02	26.22	2.575	0.003	12.07
6/14/2012 3:00	25319	7.602	99.5	10.84	13.52	3.671	90.8	18.46	8.16	72.79	68.58	77.52	77.32	0	0.018	26.22	2.575	0	12.15
6/14/2012 4:00	25320	8.77	104.4	10.4	13.52	4.694	99.2	21.27	8.16	72.83	69.07	75.36	74.4	0	0.022	26.21	2.575	0	15.46

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/14/2012 5:00	25321	8.3	107.8	11	11.74	4.479	101.3	20.68	8.16	71.91	68.24	77.06	75.77	0	0.018	26.2	2.571	-0.003	16.28
6/14/2012 6:00	25322	7.925	119.9	9.06	11.74	3.953	114.2	20.61	8.16	71.21	67.38	76.59	75.75	0	0.017	26.2	2.575	0.003	14.63
6/14/2012 7:00	25323	7.213	137.5	11.04	11.74	3.221	134.2	20.45	8.16	70.96	66.93	73.92	73.67	0	2.832	26.21	2.578	0.003	16.11
6/14/2012 8:00	25324	9.06	160.9	10.49	13.52	5.055	162.6	17.97	9.95	72.63	69.43	68.68	67.28	0	87.4	26.23	2.581	0.003	13.08
6/14/2012 9:00	25325	11.05	183.4	10.44	18.89	7.075	186.1	16.6	15.31	78.33	76.15	55.13	53.28	0	272.8	26.26	2.583	0.002	11.77
6/14/2012 10:00	25326	13.81	201.4	10.17	22.47	9.33	201.7	14.74	17.1	83.6	82.2	43.02	41.41	0	478.8	26.3	2.583	0	11.77
6/14/2012 11:00	25327	15.82	208.2	11.04	24.26	10.99	208.3	14.64	18.89	87.4	86.7	35.31	33.71	0	667.6	26.32	2.583	0	11.93
6/14/2012 12:00	25328	17.1	223.6	12.89	26.05	12.43	222.1	15.29	22.47	91.6	91.3	24.99	24.11	0	850	26.33	2.583	0	15.71
6/14/2012 13:00	25329	15.61	222.1	16.73	24.26	11.56	220.7	18.38	20.68	94.8	95.3	19.87	19.06	0	1045	26.34	2.583	0	11.87
6/14/2012 14:00	25330	11.28	216.4	17.37	20.68	8.39	215.6	18.6	17.1	96.9	97.3	15.78	15.59	0	805	26.34	2.573	-0.01	14.83
6/14/2012 15:00	25331	11.72	218.4	26.11	22.47	8.87	218.5	27.27	18.89	100.1	100.9	11.21	11.25	0	1039	26.33	2.554	-0.019	11.94
6/14/2012 16:00	25332	13.45	207.6	17.88	22.47	9.63	208.3	19.73	18.89	101.3	102.8	8.42	8.56	0	944	26.31	2.516	-0.038	16.18
6/14/2012 17:00	25333	15.56	199.3	13.23	29.63	10.64	200.3	17.2	20.68	101.1	102.9	9.04	9.09	0	824	26.29	2.459	-0.057	11.76
6/14/2012 18:00	25334	15	191	18.73	27.84	9.96	192.6	22.28	18.89	101.3	102.9	8.21	8.56	0	634.3	26.27	2.431	-0.029	15.88
6/14/2012 19:00	25335	16.09	181.4	22.43	27.84	10.27	184.4	25.43	20.68	100.3	101.6	11.51	11.62	0	476.2	26.25	2.409	-0.022	11.82
6/14/2012 20:00	25336	24.97	157.2	12.8	40.36	14.46	159.6	19.23	27.84	93.9	94.6	29.19	28.14	0	235.5	26.25	2.39	-0.019	12.24
6/14/2012 21:00	25337	19.51	164.6	9.34	34.99	11.38	166.8	17.36	26.05	89	89	30.53	30.08	0	63.71	26.25	2.374	-0.016	11.91
6/14/2012 22:00	25338	9.83	150.8	18.56	17.1	5.208	152.3	24.84	11.74	84.6	83.5	30.34	30.73	0	0.659	26.23	2.371	-0.003	11.8
6/14/2012 23:00	25339	9.98	153.1	12.38	17.1	5.283	154.5	18.43	13.52	81.8	80.8	38.03	38.24	0	0.021	26.22	2.368	-0.003	12.39
6/15/2012 0:00	25340	9.99	190.6	11.1	22.47	5.523	195.2	14.18	15.31	79.36	77.57	36.31	37.72	0	0.017	26.25	2.368	0	12.03
6/15/2012 1:00	25341	10.82	142.3	42.27	20.68	6.354	141.3	48.35	15.31	78.01	77.11	34.75	34.93	0	0.027	26.27	2.368	0	12.11
6/15/2012 2:00	25342	8.96	130.9	23.79	15.31	4.735	130.3	31.68	9.95	75.27	74.02	38.92	39.39	0	0.017	26.28	2.365	-0.003	15.67
6/15/2012 3:00	25343	9.97	134.1	15.98	17.1	5.178	131.6	22.96	13.52	73.36	71.98	42.67	43.22	0	0.011	26.27	2.369	0.003	12.05
6/15/2012 4:00	25344	13.29	113.7	9.4	18.89	7.408	113	22.08	13.52	72.72	71.97	45.78	45.32	0	0.017	26.26	2.369	0	16.29
6/15/2012 5:00	25345	12.97	115	12.56	20.68	7.262	115.1	23.22	15.31	72.31	71.72	51.86	50.54	0	0.017	26.26	2.369	0	12.01
6/15/2012 6:00	25346	13.31	105.2	9.13	20.68	8.03	104.7	21.32	15.31	68.76	68.5	70.85	67.91	0	0.011	26.26	2.369	0	15.88
6/15/2012 7:00	25347	12.02	112.1	9.48	18.89	7.04	111.9	21.75	15.31	67.24	66.88	73.39	70.6	0	3.875	26.26	2.369	0	13.91
6/15/2012 8:00	25348	13.4	116.9	11.93	22.47	7.851	116.8	22.18	15.31	67.51	67.42	72.46	69.4	0	64.66	26.27	2.369	0	12.04
6/15/2012 9:00	25349	13.28	134.3	9.35	18.89	8.03	137.2	18.97	15.31	71.42	72.37	65.96	62.06	0	270.8	26.29	2.368	0	15.73
6/15/2012 10:00	25350	14.89	148.5	10.57	20.68	9.14	150.6	18.51	17.1	76.08	77.83	60.28	55.75	0	484.5	26.32	2.371	0.003	16.12
6/15/2012 11:00	25351	13.45	162.5	13.91	20.68	8.47	165.6	20.84	15.31	80.9	83.2	51.45	47.33	0	653.2	26.34	2.371	0	11.89
6/15/2012 12:00	25352	12.86	181.2	17.02	22.47	8.62	184.5	22.2	17.1	86.1	88.6	38.87	35.86	0	859	26.37	2.371	0	11.9
6/15/2012 13:00	25353	9.41	171.9	26.94	18.89	6.656	173.2	32.51	15.31	90.1	92.8	30.99	28.74	0	964	26.39	2.367	-0.003	13.44
6/15/2012 14:00	25354	11.22	158.7	28.46	22.47	7.542	162.3	34.47	17.1	92.4	95.2	29.69	27.35	0	962	26.41	2.342	-0.025	11.78
6/15/2012 15:00	25355	12.82	155.4	18.13	24.26	8.22	158.9	24.27	20.68	90.8	93.8	31.1	28.53	0	761.8	26.4	2.307	-0.035	15.56
6/15/2012 16:00	25356	11.19	137.8	19.13	20.68	7.177	140.4	27.78	15.31	92.8	95.7	27.76	25.71	0	716.4	26.38	2.288	-0.019	12.03
6/15/2012 17:00	25357	13.22	139.3	18.23	24.26	8.49	142	26.52	18.89	94.7	97.4	24.28	22.63	0	746.7	26.36	2.263	-0.025	12.11
6/15/2012 18:00	25358	15.88	155.2	14.62	26.05	9.61	158.1	20.93	20.68	94.6	96.7	23.81	22.43	0	492.7	26.34	2.237	-0.025	11.91
6/15/2012 19:00	25359	15.55	155.4	10.89	24.26	8.99	157.5	18.96	18.89	93.3	94.1	24.59	23.96	0	209.5	26.32	2.225	-0.013	12.33
6/15/2012 20:00	25360	18.52	169.3	9.46	27.84	10.87	171.9	17.24	20.68	91.5	91.9	29.79	28.94	0	111	26.33	2.215	-0.009	16.41
6/15/2012 21:00	25361	15.65	167.2	8.6	24.26	9.01	169.6	16.92	17.1	89.1	89	32.4	31.7	0	28.44	26.34	2.206	-0.009	11.92
6/15/2012 22:00	25362	12.11	162	12.07	20.68	6.865	164.7	19.62	15.31	86.1	85.7	35.41	34.89	0	0.313	26.35	2.2	-0.006	16.12
6/15/2012 23:00	25363	12.39	46.28	16.41	26.05	7.224	41.27	19.28	18.89	79.86	79.92	40.37	38.98	0	0.032	26.38	2.193	-0.006	12.99
6/16/2012 0:00	25364	16.43	68.89	13.31	29.63	9.96	64.73	20.5	20.68	72.18	72.39	58.66	55.68	0	0.019	26.39	2.191	-0.003	12.1
6/16/2012 1:00	25365	10.54	88.3	9.3	26.05	6.329	85.4	19.21	13.52	70.24	70.12	61.1	58.6	0	0.01	26.36	2.191	0	12.33

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/16/2012 2:00	25366	9.86	94.2	10.48	18.89	6.05	90.2	20.83	11.74	70.19	70.08	61.6	59.01	0	0.016	26.34	2.191	0	15.75
6/16/2012 3:00	25367	12.13	82.4	20.41	22.47	7.431	78.55	26.73	15.31	70	69.94	62.68	59.92	0	0.014	26.35	2.194	0.003	16.2
6/16/2012 4:00	25368	12.93	73.62	11.17	18.89	7.573	68.99	19.31	15.31	68.29	68.2	65.39	62.54	0	0.01	26.35	2.191	-0.003	16.06
6/16/2012 5:00	25369	14.19	79.03	8.17	20.68	7.948	74.32	19.32	15.31	67.33	67.11	66.22	63.52	0	0.008	26.35	2.191	0	14.8
6/16/2012 6:00	25370	14.51	82.2	8.11	22.47	8.2	78.03	19.11	15.31	67.13	66.82	66.14	63.55	0	0.007	26.35	2.191	0	11.78
6/16/2012 7:00	25371	12.1	80.1	9.53	18.89	6.998	74.75	19.87	13.52	66.07	65.79	68.94	66.15	0	2.109	26.36	2.191	0	12.14
6/16/2012 8:00	25372	11.28	69.31	9.87	18.89	7.018	63.6	17.59	13.52	66.36	66.49	69.75	66.32	0	89.9	26.38	2.191	0	11.8
6/16/2012 9:00	25373	10.94	101.1	18.9	17.1	6.902	97.6	27.64	11.74	70.98	71.96	63.35	59.52	0	279.5	26.4	2.194	0.003	11.89
6/16/2012 10:00	25374	13.65	151.7	17.72	22.47	8.46	153.6	24.14	17.1	75.91	77.9	61.81	56.62	0	484	26.43	2.193	0	11.98
6/16/2012 11:00	25375	12.55	174.2	16.95	18.89	8.26	177.1	22.46	17.1	80.1	82.7	57.5	52.01	0	758.7	26.45	2.193	0	11.86
6/16/2012 12:00	25376	13.28	179.8	17.3	24.26	8.82	181.9	22.59	18.89	83.7	86.4	50.11	45.31	0	793.5	26.48	2.193	0	15.92
6/16/2012 13:00	25377	10.9	170.8	18.03	18.89	7.354	174.1	24.09	15.31	86.3	88.7	43.41	39.86	0	709.6	26.48	2.193	0	11.95
6/16/2012 14:00	25378	10.35	160.7	23.61	20.68	6.888	162.5	31	15.31	89.4	92.3	37.61	34.36	0	854	26.49	2.177	-0.016	12.1
6/16/2012 15:00	25379	10.02	159.3	23.56	20.68	6.58	162.8	30.62	15.31	90.7	92.9	29.17	27.38	0	672	26.48	2.161	-0.016	11.97
6/16/2012 16:00	25380	11.65	152.3	26.81	24.26	7.724	156	33.84	17.1	93.2	96.3	25.38	23.21	0	902	26.47	2.139	-0.022	15.65
6/16/2012 17:00	25381	12.56	136.6	20.83	26.05	7.833	139	29.14	18.89	92.4	94.9	27.42	25.4	0	641.3	26.45	2.12	-0.019	15.57
6/16/2012 18:00	25382	13.36	146	20.42	26.05	8.31	148.5	27.67	18.89	93.2	95.8	22.66	21.1	0	646.2	26.42	2.101	-0.019	11.94
6/16/2012 19:00	25383	13.09	128.8	15.58	22.47	7.954	130.5	24.73	17.1	93.2	95.1	17.51	16.89	0	473	26.41	2.079	-0.022	16.15
6/16/2012 20:00	25384	13.25	138	15.74	22.47	7.788	140.5	22.98	15.31	92.2	92.9	18.11	17.94	0	214.2	26.42	2.063	-0.016	14.06
6/16/2012 21:00	25385	12	197.4	56.24	27.84	7.226	198.4	55.38	24.26	87.7	87.8	25.85	25.22	0	25.4	26.43	2.054	-0.009	12
6/16/2012 22:00	25386	13.95	295.6	11.39	24.26	9.44	296.4	17.45	18.89	80.1	80.3	40.63	38.89	0	0.25	26.45	2.051	-0.003	15.7
6/16/2012 23:00	25387	12.31	315.4	11.59	22.47	9.59	315.3	12.17	17.1	77.99	78.19	45.89	43.96	0	0.027	26.45	2.051	0	12.52
6/17/2012 0:00	25388	13.2	76.45	35.78	22.47	8.41	73.76	39.95	20.68	76.12	76.34	54.52	51.83	0	0.034	26.48	2.051	0	15.69
6/17/2012 1:00	25389	13.92	98.7	9.82	31.42	8.77	96.2	20.72	18.89	72.14	72.15	63.29	60.34	0	0.027	26.48	2.051	0	12.13
6/17/2012 2:00	25390	11.2	82.4	25.67	22.47	6.79	77.43	32.3	15.31	71.78	71.71	60.17	57.58	0	0.027	26.48	2.048	-0.003	11.8
6/17/2012 3:00	25391	9.59	32.32	20.47	17.1	5.749	26.83	23.38	11.74	71.03	71.05	63.09	60.16	0	0.026	26.48	2.051	0.003	15.79
6/17/2012 4:00	25392	12.03	42.95	8.47	18.89	6.676	37.89	14.26	15.31	69.11	69.17	68.64	65.26	0	0.022	26.46	2.051	0	16.25
6/17/2012 5:00	25393	11.08	48.25	16.57	18.89	6.657	43.38	21.17	15.31	67.3	67.27	72.73	69.19	0	0.016	26.44	2.048	-0.003	11.91
6/17/2012 6:00	25394	9.55	25.66	11.02	17.1	6.313	20.94	15.24	15.31	65.89	66.06	79.99	75.37	0	0.013	26.43	2.048	0	11.97
6/17/2012 7:00	25395	7.404	40.91	18.05	11.74	4.458	37.65	23.22	9.95	66.02	66.14	83.7	79.16	0	1.777	26.4	2.051	0.003	16.37
6/17/2012 8:00	25396	3.966	84.8	17.32	8.16	1.849	78.58	16.89	6.368	67.44	67.39	80.8	77.29	0	79.03	26.4	2.051	0	16.4
6/17/2012 9:00	25397	8.35	136.6	15.74	15.31	5.101	138.2	22.93	11.74	73.64	74.82	61.59	57.87	0	283.7	26.44	2.051	0	15.97
6/17/2012 10:00	25398	11.9	164.4	13.95	18.89	7.248	166.8	21	15.31	76.13	78.24	58.31	53.32	0	485.5	26.47	2.051	0	16.17
6/17/2012 11:00	25399	11.12	188.8	15.79	18.89	7.617	191.7	19.67	15.31	78.34	80.6	57.1	51.81	0	667.6	26.48	2.051	0	16.05
6/17/2012 12:00	25400	8.37	191.5	25.43	20.68	6.161	192	28.64	17.1	82.5	84.6	50.35	46.19	0	841	26.48	2.051	0	13.81
6/17/2012 13:00	25401	9.33	207.3	24.01	18.89	7.066	209.7	25.95	15.31	85.8	87.7	45.17	41.43	0	952	26.48	2.054	0.003	11.82
6/17/2012 14:00	25402	9.28	215	36.75	18.89	7.025	215.4	38.25	15.31	88.9	90.9	38.98	35.74	0	1001	26.47	2.044	-0.01	15.13
6/17/2012 15:00	25403	8.93	196	33.23	18.89	6.517	196.5	37.9	15.31	91.3	93.7	33.53	30.61	0	959	26.44	2.025	-0.019	11.96
6/17/2012 16:00	25404	9.58	210.9	30.52	18.89	7.265	213.8	33.54	15.31	92.9	94.7	29.58	27.32	0	828	26.41	1.997	-0.029	11.93
6/17/2012 17:00	25405	10.11	209.8	28.49	22.47	7.395	211.2	29.77	18.89	92.6	94.5	28.66	26.54	0	793.2	26.38	1.959	-0.038	15.82
6/17/2012 18:00	25406	11.76	205	21.92	24.26	8.4	205	24.86	17.1	93.5	95.4	25.69	23.9	0	659	26.34	1.946	-0.013	15.82
6/17/2012 19:00	25407	12.09	203.2	15.91	20.68	8.49	205.1	18.46	17.1	93.8	95.3	23.45	22.2	0	451	26.32	1.924	-0.022	12.42
6/17/2012 20:00	25408	12.85	217.1	10.07	20.68	8.92	216.5	13.19	17.1	92.5	93.1	22.93	22.32	0	180.6	26.31	1.911	-0.013	15.79
6/17/2012 21:00	25409	10.79	214	9.55	17.1	7.229	212.8	12.92	13.52	91.5	91.6	23.58	23.23	0	82.7	26.3	1.902	-0.009	11.87
6/17/2012 22:00	25410	8.43	183.6	15.39	13.52	4.402	181.5	20.4	11.74	86.2	85.1	29.84	30.12	0	0.749	26.28	1.892	-0.009	11.91

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/17/2012 23:00	25411	9.82	174.3	8.21	15.31	5.382	175.4	15.73	11.74	82.7	81.9	38.61	38.14	0	0.017	26.27	1.892	0	11.91
6/18/2012 0:00	25412	11.63	172	8.56	18.89	6.626	174.4	16.59	13.52	81	80.2	40.06	39.58	0	0.027	26.27	1.889	-0.003	11.84
6/18/2012 1:00	25413	13.47	172.5	8.06	31.42	7.824	175.4	16.12	17.1	80.5	79.94	39.11	38.53	0	0.035	26.26	1.889	0	15.73
6/18/2012 2:00	25414	13.72	166.6	8.31	20.68	7.661	168.4	17.46	15.31	78.92	78.34	41.03	40.28	0	0.036	26.25	1.886	-0.003	15.93
6/18/2012 3:00	25415	17.2	175.4	9.14	26.05	10.08	179	16.67	18.89	77.98	77.53	43.61	42.54	0	0.033	26.23	1.889	0.003	12.12
6/18/2012 4:00	25416	14.6	188.8	8.52	29.63	8.96	191.2	14.79	22.47	76.78	76.39	48.04	46.73	0	0.035	26.21	1.886	-0.003	15.89
6/18/2012 5:00	25417	10.75	185.5	9.75	17.1	6.474	188.4	16.06	11.74	75.04	74.5	52.13	50.68	0	0.022	26.2	1.886	0	14.69
6/18/2012 6:00	25418	10.8	184.9	9.32	18.89	6.418	187.8	15.71	13.52	73.75	73.16	54.32	52.8	0	0.026	26.18	1.887	0	16.16
6/18/2012 7:00	25419	11.82	178.2	10.82	18.89	6.89	182	17.11	11.74	72.78	72.15	55.6	54.08	0	2.437	26.17	1.887	0	15.79
6/18/2012 8:00	25420	10.38	196.6	9.2	17.1	6.737	199	13.92	13.52	72.94	72.68	56.04	54.14	0	86.9	26.16	1.569	-0.317	16.6
6/18/2012 9:00	25421	12.39	197	8.66	18.89	8.24	199	13.96	15.31	76.32	77.03	51.64	48.99	0	278.6	26.19	9.43	7.864	14.81
6/18/2012 10:00	25422	13.79	204.8	10.41	20.68	9.44	205.8	14.63	15.31	81.3	82.6	43.75	41.2	0	499.3	26.21	9.43	0	11.86
6/18/2012 11:00	25423	13.92	213.5	11.32	20.68	9.84	214	14.5	17.1	86.5	88	35.17	33.01	0	686.7	26.23	9.43	-0.001	11.96
6/18/2012 12:00	25424	10.42	234.2	17.59	20.68	8.1	231.2	19.8	15.31	91.5	92.7	27.65	26.15	0	860	26.25	9.43	0.003	11.92
6/18/2012 13:00	25425	8.8	234.9	33.75	17.1	6.738	231	37.72	17.1	96.9	98	19.28	18.51	0	974	26.25	9.43	-0.003	12.06
6/18/2012 14:00	25426	7.763	318.5	40.88	15.31	5.724	316.3	42.75	13.52	101.5	102.4	8.95	9.05	0	1031	26.25	9.43	0.003	11.94
6/18/2012 15:00	25427	6.423	299.9	49.3	15.31	5.097	300.4	50.75	15.31	104.9	105.3	6.424	6.954	0	1029	26.23	9.43	0	16.33
6/18/2012 16:00	25428	7.428	299.4	61.89	20.68	5.559	297.9	63.11	15.31	106.2	107.1	3.219	3.267	0	943	26.21	9.43	0	16.43
6/18/2012 17:00	25429	9.8	305.2	48.79	20.68	7.789	305.5	50.52	17.1	105.7	106.6	2.711	2.062	0	810	26.19	9.43	0	15.02
6/18/2012 18:00	25430	9.55	316	26.59	22.47	7.321	315.3	28.66	18.89	106.3	107	2.736	2.024	0	679.6	26.17	9.43	-0.003	14.25
6/18/2012 19:00	25431	5.521	288.1	73.79	15.31	4.155	290.5	70.22	13.52	106.6	106.7	2.789	2.03	0	479.1	26.16	9.41	-0.019	14.19
6/18/2012 20:00	25432	10.62	150.7	64.57	31.42	6.752	158.8	65.11	20.68	103.7	103.6	6.899	7.375	0	262	26.16	9.38	-0.032	11.91
6/18/2012 21:00	25433	20.17	166.9	9.37	31.42	11.42	168.9	17.56	24.26	95.4	95.6	25.07	24.56	0	63.4	26.15	9.32	-0.056	11.85
6/18/2012 22:00	25434	17.29	165.1	9.69	27.84	9.96	168	17.87	18.89	91.4	91	29.94	29.49	0	0.701	26.15	9.29	-0.037	12.01
6/18/2012 23:00	25435	17.58	159.3	9	27.84	10.02	161.2	17.19	20.68	88.5	88.1	34.17	33.55	0	0.032	26.16	9.26	-0.028	11.88
6/19/2012 0:00	25436	19.32	162.3	9.03	31.42	10.96	164.4	16.93	22.47	85.5	85.2	39.6	38.63	0	0.042	26.18	9.23	-0.025	12.39
6/19/2012 1:00	25437	18.63	163.1	9.75	36.78	10.66	165.7	17.3	26.05	82.5	82.2	44.24	43.09	0	0.042	26.18	9.21	-0.022	14.47
6/19/2012 2:00	25438	16.37	160.4	8.92	27.84	9.33	162.8	17.55	20.68	80.2	79.81	46.86	45.63	0	0.034	26.17	9.2	-0.012	16.28
6/19/2012 3:00	25439	16.48	163.5	8.66	26.05	9.36	166.1	16.98	18.89	78.71	78.29	48.06	46.81	0	0.033	26.15	9.18	-0.015	15.64
6/19/2012 4:00	25440	16.71	165.3	8.59	26.05	9.43	168.7	17.52	18.89	77.18	76.76	53.75	51.96	0	0.036	26.14	9.17	-0.01	16.37
6/19/2012 5:00	25441	13.7	166.8	9.11	24.26	7.743	170.3	17.86	17.1	75.22	74.77	59.28	57.24	0	0.037	26.13	9.17	-0.005	11.77
6/19/2012 6:00	25442	11.91	168.5	8.98	20.68	6.642	170.9	17.46	13.52	73.33	72.75	61.26	59.32	0	0.024	26.12	9.16	-0.009	11.84
6/19/2012 7:00	25443	9.42	168	9.05	17.1	5.182	168.5	17.51	11.74	71.23	70.6	65.41	63.28	0	3.13	26.12	9.15	-0.006	16.12
6/19/2012 8:00	25444	10.39	169.5	9.72	22.47	6.139	172.6	17.52	15.31	71.19	71.11	67.38	64.47	0	97	26.12	9.15	-0.006	16.16
6/19/2012 9:00	25445	14.43	174.8	10.22	22.47	8.85	178	17.61	17.1	73.55	74.59	63.65	59.46	0	292.9	26.14	9.14	-0.005	11.83
6/19/2012 10:00	25446	12.97	174.8	13.17	18.89	8.23	177.8	19.41	15.31	77.26	79.09	56.48	51.97	0	500.9	26.18	9.14	-0.007	16.03
6/19/2012 11:00	25447	11.27	181.5	17.12	18.89	7.551	183.6	21.81	13.52	81.4	83.6	48.28	44.36	0	686.6	26.2	9.13	-0.003	12.01
6/19/2012 12:00	25448	9.57	177	21.71	15.31	6.654	180.9	27.29	15.31	85.7	88	40.71	37.43	0	855	26.22	9.13	-0.004	11.94
6/19/2012 13:00	25449	8.18	170	43.91	17.1	5.798	173.3	47.64	13.52	90.1	92.5	32.67	30.18	0	967	26.24	9.12	-0.007	15.15
6/19/2012 14:00	25450	9.33	166.3	31.89	20.68	6.372	170.5	38.59	17.1	93.7	96.6	27.33	25.05	0	1017	26.24	9.11	-0.01	14.94
6/19/2012 15:00	25451	11.03	160.7	23.52	22.47	7.426	162.9	31.33	15.31	95.3	98.5	25.16	22.91	0	1012	26.23	9.09	-0.022	13.28
6/19/2012 16:00	25452	13.1	159.4	20.92	24.26	8.38	163	27.16	26.05	96.9	100.1	24.71	22.37	0	947	26.22	9.06	-0.025	11.9
6/19/2012 17:00	25453	13.98	160.8	15.44	24.26	8.77	164	22.52	17.1	98.5	101.4	21.77	19.92	0	822	26.2	9.03	-0.038	11.89
6/19/2012 18:00	25454	14.04	173.4	19.36	24.26	9.03	176.3	24.41	18.89	99.9	102.3	18.9	17.61	0	656.2	26.18	8.97	-0.06	13.75
6/19/2012 19:00	25455	15.02	160	16.93	26.05	9.06	163.4	22.69	18.89	98.8	100.3	20.29	19.33	0	335.9	26.17	8.92	-0.048	16.59

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/19/2012 20:00	25456	18.94	146.3	9.35	29.63	10.93	149.4	17.3	20.68	94.6	95	27.4	26.5	0	109	26.17	8.88	-0.037	12.01
6/19/2012 21:00	25457	20.5	151.4	9.03	29.63	11.75	154.4	16.99	20.68	91.9	92.2	32.58	31.43	0	76.64	26.17	8.85	-0.032	11.98
6/19/2012 22:00	25458	19.33	151.4	9.07	33.21	10.86	153.4	17.38	24.26	87.7	87.5	38.9	37.77	0	0.698	26.19	8.82	-0.028	12.1
6/19/2012 23:00	25459	18.58	155.9	9.02	33.21	10.54	158.2	16.73	22.47	84.8	84.6	44.29	42.95	0	0.033	26.2	8.8	-0.022	11.87
6/20/2012 0:00	25460	17.73	155.3	9.49	29.63	10.06	156.9	17.46	20.68	82.7	82.4	47.94	46.5	0	0.039	26.21	8.78	-0.022	11.79
6/20/2012 1:00	25461	16.26	154.6	10.03	31.42	9.17	155.9	17.84	22.47	81.3	81	48.6	47.17	0	0.039	26.21	8.76	-0.016	15.77
6/20/2012 2:00	25462	16.43	158.1	9.35	29.63	9.4	160.6	17.26	18.89	80.2	79.82	48.03	46.7	0	0.033	26.19	8.75	-0.013	12.37
6/20/2012 3:00	25463	16.82	159.9	8.71	27.84	9.47	162.6	17.25	18.89	78.91	78.54	50.69	49.08	0	0.034	26.18	8.74	-0.013	15.69
6/20/2012 4:00	25464	15.97	160.7	9.26	31.42	9.12	162.9	17.96	22.47	76.32	76.01	61.37	58.93	0	0.028	26.17	8.72	-0.011	11.76
6/20/2012 5:00	25465	14.1	160.4	9.03	24.26	8.02	163	17.14	17.1	74.15	73.82	67.67	64.9	0	0.023	26.17	8.71	-0.011	11.76
6/20/2012 6:00	25466	14.15	158.6	9.42	27.84	7.93	161.4	17.31	18.89	72.67	72.32	72.53	69.51	0	0.015	26.17	8.71	-0.006	14.09
6/20/2012 7:00	25467	14.02	154.5	8.93	22.47	8	157.2	16.94	17.1	71.49	71.16	75.96	72.75	0	2.752	26.16	8.7	-0.003	12.07
6/20/2012 8:00	25468	14.51	156.1	9.3	24.26	8.22	158.5	17.2	17.1	71.75	71.82	76.22	72.46	0	94.1	26.17	8.7	-0.003	13.25
6/20/2012 9:00	25469	18.5	163.4	10.63	27.84	10.93	165.9	18.47	20.68	74.05	75	71.15	66.4	0	293.4	26.19	8.69	-0.006	12.39
6/20/2012 10:00	25470	18.59	167.7	10.73	27.84	11.17	170.1	18.46	20.68	77.08	78.83	64.45	59.13	0	503.1	26.22	8.69	-0.004	12.02
6/20/2012 11:00	25471	17.83	168.6	11.73	29.63	10.93	170.5	18.5	20.68	80.1	82.4	58.45	52.93	0	690.4	26.24	8.68	-0.006	16.12
6/20/2012 12:00	25472	13.84	163.1	14.17	26.05	8.81	165.5	21.09	18.89	84.1	87	50.65	45.6	0	858	26.27	8.67	-0.01	13.12
6/20/2012 13:00	25473	13.16	165.3	17.24	22.47	8.57	167.6	23.65	17.1	87.8	91	42.89	38.52	0	966	26.29	8.66	-0.01	16
6/20/2012 14:00	25474	12.08	159.2	22.41	22.47	8	161.3	29.18	17.1	90.9	94.3	35.62	32.03	0	1018	26.3	8.65	-0.013	11.9
6/20/2012 15:00	25475	11.64	160.8	19.4	22.47	7.727	163	26.64	15.31	93.8	97.1	28.83	26.05	0	1003	26.3	8.63	-0.022	12.04
6/20/2012 16:00	25476	11.77	158.7	21.84	20.68	7.75	162	27.96	17.1	96.1	99.3	24.61	22.29	0	952	26.3	8.6	-0.029	15.98
6/20/2012 17:00	25477	12.67	156.7	20.18	24.26	8.22	160.6	25.7	18.89	97.5	100.4	22.28	20.42	0	830	26.29	8.57	-0.035	16.22
6/20/2012 18:00	25478	12.49	152.4	21.36	22.47	7.937	155.3	27.43	17.1	98.2	100.8	19.91	18.48	0	662	26.28	8.53	-0.032	16.19
6/20/2012 19:00	25479	13.54	145.8	15.18	24.26	8.27	149.4	22.97	18.89	98	99.9	19.08	18.12	0	464.8	26.27	8.49	-0.041	13.06
6/20/2012 20:00	25480	16.99	145.5	12.28	26.05	9.85	148.4	19.42	18.89	95.9	96.7	21.44	20.8	0	257.6	26.28	8.45	-0.044	11.95
6/20/2012 21:00	25481	16.71	136.7	9.59	27.84	9.75	140.2	18.16	20.68	92.3	92.4	26.52	25.91	0	68.37	26.29	8.41	-0.044	15.95
6/20/2012 22:00	25482	14.27	143.2	8.29	26.05	8.03	145.2	17.02	17.1	87.9	87.5	31.68	31.12	0	0.798	26.3	8.38	-0.025	13.18
6/20/2012 23:00	25483	11.62	146.9	8.25	20.68	6.314	148.4	16.55	13.52	84.4	83.8	36.37	35.78	0	0.029	26.31	8.36	-0.016	12.14
6/21/2012 0:00	25484	13.27	151.8	8.68	20.68	7.472	153.8	16.36	17.1	82.1	81.6	41.29	40.41	0	0.03	26.32	8.35	-0.016	16.2
6/21/2012 1:00	25485	10.19	157	8.49	24.26	5.512	159.6	16.7	13.52	79.46	78.76	45.87	45.05	0	0.027	26.32	8.33	-0.015	16.1
6/21/2012 2:00	25486	10.58	155	8.55	18.89	5.814	156.4	16.8	11.74	77.56	76.74	49.04	48.13	0	0.022	26.32	8.33	-0.006	16.14
6/21/2012 3:00	25487	9.78	151.9	12.39	20.68	5.328	152.6	19.87	13.52	76.05	75.27	51.44	50.37	0	0.021	26.33	8.32	-0.008	14.4
6/21/2012 4:00	25488	7.954	132.9	14.64	13.52	3.996	130.6	21.99	11.74	73.73	72.5	54.85	54.19	0	0.016	26.33	8.31	-0.009	15.89
6/21/2012 5:00	25489	9.47	115.2	16.32	15.31	5.164	112.7	24.91	9.95	72.03	71.11	58.27	57	0	0.01	26.33	8.3	-0.006	12.01
6/21/2012 6:00	25490	9.16	109.9	12.3	15.31	5.128	106.5	22.7	11.74	69.98	69.32	63.81	61.72	0	0.01	26.34	8.3	-0.003	12.41
6/21/2012 7:00	25491	8.24	102	13.39	13.52	4.624	99.2	23.21	9.95	68.49	67.91	68.48	66.06	0	2.02	26.36	8.29	-0.006	15.91
6/21/2012 8:00	25492	10.08	129.5	12.52	17.1	5.772	130	22.21	11.74	69.57	69.6	70.45	67.12	0	87.3	26.36	8.29	-0.003	11.9
6/21/2012 9:00	25493	11.6	137.4	11.25	17.1	6.967	139.8	20.01	13.52	72.51	73.72	70.67	65.72	0	271.3	26.39	8.29	-0.001	15.95
6/21/2012 10:00	25494	11.4	135.4	16.19	20.68	7.209	137.2	24.62	15.31	75.74	77.91	66.59	60.81	0	483.9	26.45	8.29	-0.004	13.78
6/21/2012 11:00	25495	7.94	124.8	24.2	15.31	5.391	127.4	32.99	11.74	79.8	82.7	58.75	53.32	0	689.2	26.49	8.28	-0.003	16.33
6/21/2012 12:00	25496	8.15	91.1	22.53	17.1	5.692	85.2	31.68	13.52	83.3	85.6	51.39	47.17	0	814	26.52	8.28	-0.004	16.39
6/21/2012 13:00	25497	12.04	89.6	20.77	26.05	7.905	86.2	28.84	18.89	85.8	88.8	44.66	40.41	0	912	26.53	8.27	-0.013	11.92
6/21/2012 14:00	25498	15.76	92.7	17.38	27.84	10.06	90.5	27.07	20.68	87.7	90.7	39.51	35.65	0	835	26.53	8.24	-0.022	11.93
6/21/2012 15:00	25499	16.27	103.2	15.24	27.84	10.26	101.5	24.87	20.68	88.6	91.3	37.28	33.96	0	687.2	26.52	8.22	-0.022	12.43
6/21/2012 16:00	25500	16.15	106.5	17.41	29.63	10.31	104.7	26.41	22.47	89.9	92.4	33.97	31.06	0	717.9	26.5	8.19	-0.032	11.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/21/2012 17:00	25501	14.32	110.2	16.76	26.05	9.2	109.1	26.16	20.68	90.9	93.4	32.08	29.48	0	647.9	26.49	8.16	-0.025	11.93
6/21/2012 18:00	25502	13.55	122.2	14.6	24.26	8.48	123.3	24.91	17.1	90.8	93.2	31.33	28.92	0	560.7	26.48	8.14	-0.022	11.95
6/21/2012 19:00	25503	12.58	120.7	17.13	22.47	7.868	122.1	26.05	17.1	91.1	92.9	29.81	27.95	0	425.7	26.46	8.11	-0.032	14.07
6/21/2012 20:00	25504	13.15	122.5	11.95	24.26	7.982	124.3	21.66	18.89	89.8	90.7	29.78	28.56	0	183	26.46	8.09	-0.022	11.91
6/21/2012 21:00	25505	14.77	129.4	14.79	24.26	8.85	131.7	22.69	17.1	88.2	88.6	31.91	30.81	0	75.04	26.46	8.07	-0.022	11.99
6/21/2012 22:00	25506	12.01	112.7	13.14	20.68	7.29	111.6	23.31	17.1	82.5	82.3	44	42.64	0	1.03	26.45	8.05	-0.019	12.07
6/21/2012 23:00	25507	10.05	128.5	8.65	17.1	5.567	128	19.02	11.74	81.2	80.6	42.88	42.07	0	0.03	26.43	8.04	-0.013	15.23
6/22/2012 0:00	25508	6.435	98.4	14.89	9.95	3.175	92.7	22.56	6.368	77.75	76.84	49.93	48.95	0	0.033	26.42	8.03	-0.006	11.97
6/22/2012 1:00	25509	7.66	81.2	8.68	13.52	4.279	76.46	18.06	9.95	74.68	74.14	57.69	55.84	0	0.019	26.42	8.02	-0.008	15.82
6/22/2012 2:00	25510	8.21	83.8	10.89	11.74	4.667	78.43	20.27	8.16	72.76	72.33	61.39	59.08	0	0.025	26.41	8.02	-0.006	13.26
6/22/2012 3:00	25511	8.1	76.36	8.52	13.52	4.467	69.89	18.11	8.16	70.32	70.01	70.06	66.93	0	0.024	26.41	8.01	-0.006	16.12
6/22/2012 4:00	25512	8.55	75.25	8.91	13.52	4.849	67.02	18.01	8.16	69.41	69.02	74.29	71.14	0	0.018	26.39	8.01	-0.003	15.16
6/22/2012 5:00	25513	8.35	76.98	9.29	13.52	4.663	70.9	19.35	8.16	68.42	68.07	75.57	72.31	0	0.019	26.39	8	-0.003	15.92
6/22/2012 6:00	25514	6.331	78.31	9.73	9.95	3.328	72.8	18.08	6.368	66.97	66.49	78.33	75.11	0	0.013	26.39	8	-0.003	15.83
6/22/2012 7:00	25515	6.716	96.8	16.14	9.95	3.493	89.1	23.37	6.368	66.38	65.7	78.83	76.08	0	2.669	26.38	7.997	-0.003	12.33
6/22/2012 8:00	25516	7.304	145.2	13.88	13.52	4.182	145.9	21.14	9.95	69.34	69.35	71.61	68.49	0	96.8	26.39	7.997	0	12.21
6/22/2012 9:00	25517	13.07	164	10.01	22.47	7.856	165.2	17.79	15.31	74.35	75.35	60.32	56.5	0	289.9	26.43	7.991	-0.005	11.92
6/22/2012 10:00	25518	14.42	175.6	11.19	20.68	8.96	178.1	18.26	17.1	78.82	80.6	51.76	47.84	0	494	26.46	7.988	-0.004	15.96
6/22/2012 11:00	25519	12.35	169.9	12.86	18.89	7.956	171.4	19.82	15.31	81.8	84.1	47.09	43.09	0	676.8	26.48	7.981	-0.006	11.94
6/22/2012 12:00	25520	11.83	167	18.55	20.68	7.859	168.6	24.39	15.31	84.8	87.6	43.06	39.08	0	846	26.5	7.971	-0.011	12.08
6/22/2012 13:00	25521	12.56	143.3	22.29	26.05	8.22	144.6	28.8	22.47	87.5	90.8	38.18	34.41	0	958	26.5	7.955	-0.016	11.99
6/22/2012 14:00	25522	12.57	157.3	23.53	24.26	8.34	160	30.07	18.89	89.4	92.7	35.41	31.72	0	1004	26.49	7.936	-0.019	12.08
6/22/2012 15:00	25523	12.83	138.7	23.14	24.26	8.3	139.9	30.84	18.89	91	94.6	31.82	28.44	0	1011	26.48	7.891	-0.044	11.96
6/22/2012 16:00	25524	11.33	151	27.72	24.26	7.464	154.2	34.07	17.1	92.7	96.1	29.32	26.33	0	978	26.47	7.866	-0.025	12.09
6/22/2012 17:00	25525	12.78	144.9	24.68	24.26	8.17	147.7	31.8	17.1	93	96.5	28.14	25.21	0	857	26.45	7.837	-0.029	11.93
6/22/2012 18:00	25526	14.02	139.1	16.27	26.05	8.71	141	23.79	20.68	92.5	95.3	27.7	25.26	0	597	26.42	7.806	-0.032	12.03
6/22/2012 19:00	25527	12.69	139.6	19.9	24.26	8.02	141.8	26.85	17.1	92.5	94.6	27.29	25.35	0	486.9	26.4	7.78	-0.025	15.85
6/22/2012 20:00	25528	13.37	150.2	16.54	24.26	8.03	153.3	22.07	18.89	91.1	92	28.3	26.98	0	224.3	26.39	7.749	-0.032	14.83
6/22/2012 21:00	25529	12.1	150.5	9.79	20.68	7.192	152.8	16.56	17.1	88.7	89	31.23	30.27	0	57.8	26.38	7.718	-0.031	15.74
6/22/2012 22:00	25530	8.5	145.7	7.09	17.1	4.35	144.7	15.94	9.95	85.1	84.3	34.87	34.56	0	0.544	26.37	7.68	-0.038	16.21
6/22/2012 23:00	25531	7.407	142.4	5.699	9.95	3.222	136.4	14.99	6.368	81.2	79.51	39.31	39.79	0	0.024	26.36	7.667	-0.013	15.79
6/23/2012 0:00	25532	7.355	141.6	5.776	9.95	3.024	132.4	14.72	6.368	78.3	76.46	43.21	43.85	0	0.026	26.36	7.662	-0.005	15.72
6/23/2012 1:00	25533	7.396	151	6.468	11.74	3.082	146.4	14.41	6.368	76.28	74.49	45.88	46.45	0	0.025	26.34	7.657	-0.005	12.14
6/23/2012 2:00	25534	6.16	156.2	6.066	9.95	2.07	143.6	12.84	6.368	74.25	72.29	48.84	49.64	0	0.024	26.33	7.651	-0.006	12.03
6/23/2012 3:00	25535	4.823	170.2	38.82	13.52	1.679	116.5	40.75	8.16	72.31	70.07	51.88	52.86	0	0.022	26.32	7.645	-0.006	12.18
6/23/2012 4:00	25536	6.174	150.8	9.17	9.95	2.148	128.1	14.41	4.578	72.5	69.49	51.93	54.02	0	0.012	26.31	7.641	-0.003	12.48
6/23/2012 5:00	25537	6.367	159.9	11.49	8.16	1.784	140.8	18.43	4.578	70.93	67.73	54.79	57.01	0	0.012	26.3	7.641	0	11.91
6/23/2012 6:00	25538	4.854	162.8	9.8	8.16	0.582	133.8	7.678	4.578	68.45	66.01	59.4	60.48	0	0.007	26.3	7.635	-0.006	11.78
6/23/2012 7:00	25539	3.873	169.5	15.68	6.368	0.28	152.9	14.27	2.789	67.64	65.34	61.4	62.21	0	2.768	26.3	7.632	-0.003	14.6
6/23/2012 8:00	25540	4.731	167.1	15.97	9.95	1.677	174.5	17.2	8.16	69.97	69.3	58.31	57.17	0	99.6	26.31	7.629	-0.003	12.04
6/23/2012 9:00	25541	10.42	187	11.02	18.89	6.654	188.8	17.14	13.52	75.82	76.65	48.21	45.95	0	294.4	26.36	7.627	-0.002	15.35
6/23/2012 10:00	25542	14.85	188.4	9.92	20.68	9.58	190.2	16.5	17.1	80.4	81.9	40.95	38.4	0	505.3	26.4	7.617	-0.01	16.24
6/23/2012 11:00	25543	14.66	183.3	14.25	24.26	9.5	185.3	19.25	18.89	82.9	85.2	37.92	34.94	0	692.6	26.41	7.61	-0.006	16.17
6/23/2012 12:00	25544	14.77	174.9	16.22	27.84	9.46	176.2	21.28	22.47	85.6	88.4	34.71	31.55	0	865	26.43	7.596	-0.014	16.53
6/23/2012 14:00	25545	14.67	154.2	20.21	95.8	9.18	156.9	27.01	70.78	89.2	92.9	26.99	24.08	0	1029	26.44	7.552	7.552	13.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/23/2012 15:00	25546	14.17	162.2	22.45	26.05	9.23	165.6	29.18	18.89	90.9	94.2	23.28	20.98	0	1024	26.43	7.53	-0.022	12.27
6/23/2012 16:00	25547	13.01	148.6	24.6	27.84	8.36	150.3	31.61	18.89	92.3	95.7	20.76	18.77	0	961	26.42	7.498	-0.032	11.77
6/23/2012 17:00	25548	11.92	147.3	27.45	22.47	7.714	148.7	33.01	17.1	92.9	95.8	18.36	16.95	0	816	26.41	7.466	7.466	11.82
6/23/2012 18:00	25549	10.62	159.7	26.47	22.47	6.921	162.1	31.45	17.1	93.5	96	17.5	16.39	0	674.2	26.4	7.406	-0.06	16.3
6/23/2012 19:00	25550	11.41	141.7	21.72	20.68	7.226	142.4	29.47	15.31	92.7	94.7	17.54	16.69	0	478.4	26.39	7.368	-0.038	12.02
6/23/2012 20:00	25551	11.42	157.8	14.35	20.68	6.804	160.3	20.5	15.31	91.9	92.7	19.27	18.82	0	265.1	26.39	7.34	-0.028	16.32
6/23/2012 21:00	25552	10.74	150	11.43	18.89	6.161	152.1	18.49	13.52	89.4	89.6	22.23	21.96	0	71.16	26.39	7.318	-0.022	16.25
6/23/2012 22:00	25553	7.525	139.1	12.23	15.31	3.456	130.5	23.4	9.95	84.7	83	27.77	28.47	0	0.816	26.38	7.306	-0.012	15.99
6/23/2012 23:00	25554	6.954	136.4	5.339	9.95	2.34	124.4	12.68	4.578	81	77.91	32.45	34.3	0	0.012	26.38	7.297	-0.009	16.04
6/24/2012 0:00	25555	7.132	142.9	5.066	9.95	2.489	129.6	12.62	4.578	78.71	75.7	35.65	37.57	0	0.022	26.38	7.292	-0.005	11.91
6/24/2012 1:00	25556	6.679	150	6.388	15.31	2.107	133.4	13.06	4.578	76.04	73.08	39.33	41.25	0	0.022	26.37	7.286	-0.005	12.87
6/24/2012 2:00	25557	5.766	164.8	16.15	9.95	1.488	147.4	23.66	4.578	74.71	71.68	41.52	43.62	0	0.019	26.36	7.28	-0.006	12.1
6/24/2012 3:00	25558	2.724	164.2	24.14	4.578	0.346	110.7	2.482	2.789	73.13	71.07	43.97	45.06	0	0.015	26.35	7.274	-0.006	15.74
6/24/2012 4:00	25559	3.364	151.7	25.88	6.368	1.023	89.3	6.335	2.789	72.84	69.91	44.74	46.88	0	0.024	26.34	7.27	-0.003	15.97
6/24/2012 5:00	25560	5.165	154.2	9.38	8.16	0.793	124.3	10.11	2.789	71.08	67.99	48.01	50.11	0	0.015	26.35	7.264	-0.006	16.3
6/24/2012 6:00	25561	5.891	128.1	17.52	8.16	2.228	97.3	25.38	4.578	69.77	66.92	51.73	53.32	0	0.01	26.35	7.261	-0.003	11.86
6/24/2012 7:00	25562	4.044	128.1	13.41	6.368	1.231	73.82	10.55	2.789	68.98	66.76	54.35	55.15	0	2.586	26.36	7.258	-0.003	15.96
6/24/2012 8:00	25563	2.913	157.5	17.34	4.578	0.252	179.8	6.062	4.578	71.04	70.22	52.36	52.09	0	94.3	26.38	7.255	-0.003	11.98
6/24/2012 9:00	25564	8.59	179.7	13.17	17.1	5.373	182.1	18.51	13.52	76.33	77.15	45.44	43.47	0	289.3	26.43	7.249	-0.005	11.93
6/24/2012 10:00	25565	14.3	178.9	12.02	22.47	8.93	181.2	18.72	17.1	80.8	82.4	38.92	36.51	0	499.9	26.48	7.24	-0.01	16.33
6/24/2012 11:00	25566	12.48	175.6	16.04	20.68	8.15	179	21.94	17.1	84.5	86.8	33.72	31.18	0	690.3	26.5	7.23	-0.01	11.95
6/24/2012 12:00	25567	10.58	149	28.67	20.68	6.969	150.7	34.09	15.31	87.4	90	30.26	27.9	0	864	26.51	7.223	-0.007	16.25
6/24/2012 13:00	25568	12.79	147.5	21.85	26.05	8.23	148.2	29.93	18.89	88.8	92.2	28.04	25.32	0	978	26.52	7.207	-0.016	12.06
6/24/2012 14:00	25569	13.46	142.2	21.12	38.57	8.62	145.2	30.02	22.47	90.5	94	24.42	21.98	0	1034	26.51	7.172	-0.035	16.23
6/24/2012 15:00	25570	12.76	149.2	27.2	26.05	8.35	152.6	34.77	18.89	92.4	95.9	21.71	19.52	0	1027	26.5	7.127	-0.044	11.98
6/24/2012 16:00	25571	12.04	145	28.83	24.26	7.938	146.8	36.47	17.1	94.1	97.2	19.19	17.55	0	969	26.49	7.089	-0.038	15.85
6/24/2012 17:00	25572	11.68	133.7	28.06	24.26	7.671	135.2	36.96	18.89	94.3	97.5	19.45	17.74	0	844	26.48	7.055	-0.035	11.89
6/24/2012 18:00	25573	11.49	132.8	25.12	24.26	7.269	133.8	33.92	18.89	94.6	97.3	18.08	16.76	0	677.6	26.47	7.02	-0.035	13.97
6/24/2012 19:00	25574	11.52	133.3	18.71	20.68	7.194	135.2	27.38	13.52	94.4	96.4	17.56	16.68	0	483	26.45	6.978	-0.041	11.91
6/24/2012 20:00	25575	11.96	136.2	19.96	20.68	7.123	138	27.17	15.31	93.4	94.3	18.56	18.16	0	271.7	26.44	6.941	-0.038	16.2
6/24/2012 21:00	25576	10.85	137.9	10.65	20.68	6.153	142.5	18.55	13.52	91.1	91	21.04	20.95	0	71.07	26.44	6.915	-0.025	16.25
6/24/2012 22:00	25577	7.027	130	6.5	9.95	2.758	123.3	18.62	6.368	86	83.7	26.65	27.95	0	0.569	26.43	6.904	-0.012	14.87
6/24/2012 23:00	25578	7.646	126.3	6.11	9.95	2.894	116.7	17.38	6.368	82.6	79.51	30.67	32.59	0	0.018	26.42	6.898	-0.006	13.64
6/25/2012 0:00	25579	7.263	130.2	6.812	9.95	2.603	124	14.66	6.368	80.3	77.58	33.84	35.42	0	0.022	26.42	6.892	-0.006	11.83
6/25/2012 1:00	25580	7.185	141.6	9.11	9.95	2.201	135.7	15.16	4.578	78.65	75.32	36.52	38.82	0	0.022	26.42	6.886	-0.006	15.91
6/25/2012 2:00	25581	6.434	132.3	10.52	9.95	1.783	114.8	17.35	4.578	76.46	73.14	39.95	42.29	0	0.022	26.4	6.88	-0.006	15.14
6/25/2012 3:00	25582	4.392	167.3	38.74	8.16	0.988	121.1	31.82	4.578	75.34	71.85	42.12	44.85	0	0.012	26.4	6.877	-0.003	12.02
6/25/2012 4:00	25583	3.929	140.7	45.27	13.52	0.979	108.2	13.9	8.16	73.89	70.76	44.72	46.94	0	0.015	26.39	6.874	-0.003	16.01
6/25/2012 5:00	25584	5.264	133.6	6.795	8.16	1.48	93.2	13.13	4.578	73.89	69.89	46.06	49.33	0	0.015	26.39	6.868	-0.006	12.1
6/25/2012 6:00	25585	4.92	142.1	10.37	8.16	1.228	97.4	11.81	4.578	73.14	68.58	47.62	51.93	0	0.011	26.39	6.868	0	14.06
6/25/2012 7:00	25586	4.92	117.8	13.84	8.16	2.214	77.01	11.72	4.578	72.46	68.34	48.75	52.62	0	2.661	26.39	6.861	-0.006	11.96
6/25/2012 8:00	25587	4.314	124.1	9.6	6.368	1.369	84	9.41	4.578	73.54	71.48	47.52	49.85	0	94.1	26.41	6.858	-0.003	12.06
6/25/2012 9:00	25588	2.933	177.2	27.77	6.368	1.618	192.3	19.61	6.368	80.6	81.2	40.12	39.09	0	288.9	26.45	6.853	-0.005	11.95
6/25/2012 10:00	25589	6.466	202.6	16.2	11.74	4.641	203.7	19.24	9.95	84.2	85.5	36.51	34.53	0	498.4	26.5	6.852	-0.001	11.95
6/25/2012 11:00	25590	6.537	201.8	30.8	13.52	4.843	205.4	33.21	11.74	87.6	89	32.9	31.11	0	688	26.51	6.849	-0.004	16.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/25/2012 12:00	25591	6.854	129.1	46.47	18.89	4.761	131.5	56.02	13.52	90.9	93	27.73	26.18	0	860	26.52	6.839	-0.01	12.38
6/25/2012 13:00	25592	8.87	145.8	36.63	17.1	6.064	148.3	44.23	13.52	92.5	95.4	25.23	23.3	0	974	26.52	6.83	-0.01	14.22
6/25/2012 14:00	25593	8.79	128.3	51.59	22.47	6.117	130.1	58.68	17.1	95.1	97.8	21.95	20.36	0	1027	26.51	6.807	-0.022	15.8
6/25/2012 15:00	25594	10.25	118.4	30.34	20.68	6.918	116.8	39.63	18.89	97.1	100.3	17.74	16.34	0	1022	26.49	6.782	-0.025	11.88
6/25/2012 16:00	25595	11.17	144.7	25.39	22.47	7.37	147.6	31.7	17.1	98.5	101.8	14.33	13.17	0	965	26.48	6.747	-0.035	14.53
6/25/2012 17:00	25596	9.03	126.5	42.8	20.68	6.149	128	50.48	15.31	99.6	102.2	11.84	11.27	0	841	26.46	6.715	-0.032	11.91
6/25/2012 18:00	25597	11.15	143.3	24.02	22.47	7.292	145.5	32.56	15.31	99.3	101.9	11.2	10.67	0	671.2	26.45	6.677	-0.038	11.92
6/25/2012 19:00	25598	10.34	132.5	24.92	20.68	6.597	133.9	33.66	15.31	99	100.9	11.15	10.92	0	472.3	26.43	6.608	-0.07	13.06
6/25/2012 20:00	25599	8.46	120.4	26.71	17.1	5.419	120.1	34.36	11.74	98.2	98.8	11.22	11.61	0	264.6	26.42	6.576	-0.032	11.89
6/25/2012 21:00	25600	7.463	133.9	14.17	13.52	3.891	134	21.05	11.74	95.6	95.4	13.07	13.75	0	69.48	26.41	6.557	-0.019	12.1
6/25/2012 22:00	25601	6.681	127.2	6.736	9.95	2.282	107.9	13.67	4.578	89.3	85.6	17.97	20.71	0	0.835	26.39	6.552	-0.005	15.88
6/25/2012 23:00	25602	7.529	108	14.63	11.74	3.254	93	16.29	6.368	85.4	81.9	21.16	23.55	0	0.015	26.37	6.539	-0.013	15.84
6/26/2012 0:00	25603	7.357	111.7	5.858	9.95	2.84	100.3	17.94	4.578	84.1	80.6	22.31	24.82	0	0.02	26.37	6.527	-0.012	15.91
6/26/2012 1:00	25604	7.022	114.4	9.11	13.52	2.815	94.9	16.49	6.368	81.6	77.98	24.11	26.89	0	0.024	26.36	6.515	-0.012	15.06
6/26/2012 2:00	25605	7.075	105.9	5.805	9.95	3.136	84.9	14.73	6.368	79.52	75.49	26.06	29.13	0	0.023	26.35	6.496	-0.018	15.99
6/26/2012 3:00	25606	6.709	165.5	55.49	11.74	2.769	149.5	56.01	6.368	78.05	75.38	28.02	29.83	0	0.023	26.34	6.49	-0.006	12.09
6/26/2012 4:00	25607	2.626	180.5	41.62	6.368	0.598	66.64	12.26	4.578	76.74	72.87	29.39	32.62	0	0.015	26.33	6.487	-0.003	12
6/26/2012 5:00	25608	3.202	157.7	18.01	6.368	0.304	87.2	6.094	2.789	76.32	72.9	33	34.96	0	0.011	26.32	6.478	-0.01	12.11
6/26/2012 6:00	25609	3.601	95.2	12.6	6.368	1.87	62.86	6.488	4.578	75.25	72.07	36.02	38.3	0	0.013	26.32	6.471	-0.006	16.24
6/26/2012 7:00	25610	4.891	83.4	6.865	6.368	2.817	59.42	7.03	4.578	74.67	71.26	39.14	41.44	0	2.45	26.33	6.468	-0.003	16.11
6/26/2012 8:00	25611	2.549	61.53	13.12	4.578	0.345	69.56	4.123	4.578	76.52	72.79	37.73	42.23	0	97.3	26.33	6.465	-0.003	11.91
6/26/2012 9:00	25612	4.499	163.4	50.74	8.16	2.59	189.1	33.29	8.16	81.3	81.7	35.82	35.58	0	293.5	26.37	6.46	-0.005	11.9
6/26/2012 10:00	25613	6.034	215.3	17.25	9.95	4.648	216.6	20.65	9.95	86.4	87.3	31.94	30.51	0	503.6	26.42	6.456	-0.004	14.37
6/26/2012 11:00	25614	8.91	205.7	19	15.31	6.524	207.5	20.7	13.52	91.3	92.7	28.39	26.8	0	690	26.43	6.449	-0.007	12.23
6/26/2012 12:00	25615	7.556	183.5	36.57	18.89	5.447	187.5	41.4	17.1	94.9	96.8	23.05	21.71	0	860	26.45	6.446	-0.003	14.15
6/26/2012 13:00	25616	8.33	187.7	35.57	20.68	6.102	190.3	41.33	15.31	97.7	99.8	17.54	16.6	0	972	26.45	6.421	-0.025	16.04
6/26/2012 14:00	25617	10.23	198.5	29.4	26.05	7.434	201.1	32.83	17.1	99.5	101.8	12.8	12.09	0	1025	26.44	6.392	-0.029	12.08
6/26/2012 15:00	25618	10.77	192.7	28.58	22.47	7.604	196.1	33.54	18.89	100.9	103.5	10.15	9.58	0	1025	26.42	6.36	-0.032	15.87
6/26/2012 16:00	25619	11.3	167	32.14	26.05	7.611	169.1	37.61	18.89	102	105	8.59	8.06	0	962	26.4	6.326	-0.035	11.89
6/26/2012 17:00	25620	12.51	169.4	31.44	24.26	8.33	172	37.21	20.68	102.3	104.9	7.778	7.477	0	841	26.39	6.288	-0.038	15.22
6/26/2012 18:00	25621	12.4	145.5	19.69	33.21	7.813	147.8	26.56	22.47	102.3	104.9	6.706	6.573	0	659.9	26.38	6.25	-0.038	16.11
6/26/2012 19:00	25622	10.76	167.2	21.91	20.68	7.013	168.9	27.29	17.1	101.7	103.3	7.421	7.521	0	455.8	26.36	6.212	-0.038	12.09
6/26/2012 20:00	25623	10.97	158.2	21.82	18.89	6.683	159.6	26.71	13.52	100.6	101.2	9.14	9.52	0	258.3	26.35	6.154	-0.057	11.98
6/26/2012 21:00	25624	10.07	146.1	12.06	17.1	5.776	147.5	18.96	11.74	98.1	98	11.17	11.67	0	73.93	26.35	6.126	-0.028	15.03
6/26/2012 22:00	25625	7.245	129.8	5.863	9.95	2.826	111.6	17.28	4.578	91.7	88.4	14.97	17.31	0	0.918	26.34	6.117	-0.009	12.04
6/26/2012 23:00	25626	6.159	136.1	16.08	8.16	1.618	108.5	21.74	4.578	87.2	83	18.96	21.87	0	0.012	26.32	6.105	-0.012	15.84
6/27/2012 0:00	25627	7.971	130.1	10.94	11.74	3.232	107	20.66	6.368	86.1	81.9	20.08	23.07	0	0.021	26.32	6.089	-0.016	16.26
6/27/2012 1:00	25628	7.185	148.5	11.38	17.1	2.225	135.4	13.85	4.578	84.8	81.2	21.37	23.95	0	0.036	26.32	6.083	-0.006	12.12
6/27/2012 2:00	25629	5.892	130.2	16.72	11.74	2.125	108.1	19.52	8.16	81.4	78.57	24.92	26.7	0	0.033	26.32	6.077	-0.006	13.47
6/27/2012 3:00	25630	8.41	130.7	9.83	11.74	3.753	125.8	19.96	8.16	82.1	79.72	26.2	27.49	0	0.038	26.32	6.067	-0.009	16.25
6/27/2012 4:00	25631	5.698	141.9	37.29	9.95	1.783	107.2	41.29	4.578	80.5	77.54	29.76	31.54	0	0.036	26.31	6.064	-0.003	16.09
6/27/2012 5:00	25632	9.05	144.7	6.945	15.31	3.88	134.8	16.44	9.95	78.32	75.11	32.78	34.84	0	0.022	26.3	6.059	-0.005	12.01
6/27/2012 6:00	25633	7.347	188.9	32.8	15.31	3.707	194.2	37.25	9.95	78.17	76.47	33.37	34	0	0.026	26.3	6.053	-0.006	15.89
6/27/2012 7:00	25634	4.952	206.8	29.01	11.74	1.984	215.5	34.27	9.95	77	74.41	35.33	36.98	0	1.989	26.32	6.05	-0.003	11.89
6/27/2012 8:00	25635	5.176	297.4	28.91	9.95	2.368	304.4	12.91	6.368	75.6	73.55	37.81	39	0	79.94	26.33	6.047	-0.003	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/27/2012 9:00	25636	2.253	268.4	59.37	8.16	1.072	242.6	41.55	6.368	82.1	82.2	31.96	31.33	0	268.5	26.37	6.035	-0.011	16
6/27/2012 10:00	25637	5.974	204	19.8	9.95	4.353	208.6	22.67	8.16	87.1	88.2	27.76	26.67	0	472.6	26.42	6.031	-0.004	16.41
6/27/2012 11:00	25638	7.243	205.6	16.94	13.52	5.341	207.7	20.86	9.95	92.8	94.1	22.43	21.54	0	659.8	26.43	6.025	-0.007	16.09
6/27/2012 12:00	25639	8.23	215.3	24.75	15.31	6.251	217.7	26.57	11.74	96.2	97.6	19.81	18.83	0	837	26.46	6.015	-0.01	11.96
6/27/2012 13:00	25640	7.725	182.1	54.69	18.89	5.562	185.6	57.77	15.31	99.3	101.3	17.25	16.39	0	952	26.47	5.999	-0.016	16.08
6/27/2012 14:00	25641	9.13	134.7	44.75	26.05	6.046	133.9	50.09	20.68	100.8	103.7	14.33	13.44	0	1002	26.47	5.974	-0.025	11.97
6/27/2012 15:00	25642	9.71	148.7	44.08	24.26	6.652	152.1	50.55	18.89	101.9	104.9	12.7	11.84	0	1009	26.46	5.942	-0.032	12.59
6/27/2012 16:00	25643	8.17	127.7	53.18	20.68	5.728	127.9	61.66	13.52	103.5	105.9	11.29	10.79	0	968	26.44	5.914	-0.029	16.18
6/27/2012 17:00	25644	8.03	108.7	36.7	18.89	5.44	106.3	43.91	13.52	101.8	103.6	11.67	11.39	0	508.5	26.43	5.879	-0.035	12.15
6/27/2012 18:00	25645	11.76	101.8	22.85	26.05	7.64	100.4	31.52	18.89	102.1	104.4	11.88	11.39	0	642.3	26.41	5.847	-0.032	12.52
6/27/2012 19:00	25646	11.22	142.8	17.7	20.68	6.844	145.5	23.12	13.52	99.2	100.1	13.63	13.49	0	149.1	26.4	5.809	-0.038	16.17
6/27/2012 20:00	25647	11.84	150.5	13.22	22.47	6.979	152.1	20.27	17.1	99.1	99.4	12.26	12.52	0	175.3	26.39	5.777	-0.032	13.42
6/27/2012 21:00	25648	10.41	147.6	9.61	17.1	5.845	147.5	17.31	13.52	96.4	96	13.95	14.31	0	39.54	26.39	5.753	-0.025	11.89
6/27/2012 22:00	25649	8.01	130.7	7.217	11.74	3.568	124.8	16.55	8.16	91.4	89.5	17.76	18.95	0	0.664	26.39	5.737	-0.015	11.9
6/27/2012 23:00	25650	8.84	131.2	7.465	11.74	4.177	128.9	18.4	8.16	88.5	86.6	19.94	20.94	0	0.024	26.39	5.715	-0.022	15.88
6/28/2012 0:00	25651	7.885	137.6	6.083	9.95	3.291	131.5	16.92	6.368	85.9	83.6	21.86	23.21	0	0.028	26.39	5.706	-0.009	15.24
6/28/2012 1:00	25652	7.911	135.1	9.98	13.52	3.44	127.3	19.67	6.368	83.2	80.8	25.55	26.77	0	0.024	26.39	5.699	-0.006	12.11
6/28/2012 2:00	25653	8.76	156	9.91	13.52	4.167	153.9	17.65	8.16	81	79.63	30.04	30.22	0	0.033	26.39	5.69	-0.009	16.11
6/28/2012 3:00	25654	7.283	175.4	14.88	11.74	3.211	175.9	19.87	8.16	79.56	77.94	33.89	34.26	0	0.029	26.39	5.674	-0.016	11.89
6/28/2012 4:00	25655	5.715	190.2	30.7	8.16	1.545	192.2	40.33	4.578	76.66	74.01	38.06	39.55	0	0.022	26.38	5.672	-0.002	16.01
6/28/2012 5:00	25656	5.722	176.7	16.48	9.95	1.298	146.5	13.14	4.578	76.1	72.65	39.11	41.62	0	0.017	26.37	5.669	-0.003	15.59
6/28/2012 6:00	25657	6.015	167.2	13.07	9.95	1.641	160.1	20.81	4.578	74.23	71.69	42.53	43.88	0	0.019	26.37	5.666	-0.003	11.97
6/28/2012 7:00	25658	4.975	163.2	12.18	8.16	0.383	146.7	8.49	4.578	73.17	70.38	45.48	47.22	0	2.353	26.38	5.663	-0.003	11.94
6/28/2012 8:00	25659	5.494	164.6	12.88	13.52	1.584	160.1	12.18	9.95	74.1	72.64	47.15	47.56	0	82.4	26.39	5.663	0	12.02
6/28/2012 9:00	25660	12.94	165.8	9.32	20.68	7.653	167	17.88	17.1	79.61	80.3	43.91	41.92	0	268.2	26.43	5.658	-0.005	11.9
6/28/2012 10:00	25661	15.21	174	11.01	24.26	9.18	175.5	18.31	18.89	84.7	86.2	37.96	35.6	0	473.5	26.48	5.648	-0.01	12.13
6/28/2012 11:00	25662	13.07	195.4	12.04	20.68	8.89	197	16.6	17.1	88.5	90.4	33.74	31.27	0	660.7	26.51	5.638	-0.01	16.55
6/28/2012 12:00	25663	11.81	200.8	14.85	18.89	8.35	202	18.53	15.31	92.6	94.7	28.45	26.2	0	834	26.53	5.628	-0.01	16.75
6/28/2012 13:00	25664	10.47	192.1	22.56	20.68	7.436	193.5	26.56	17.1	96.5	98.8	22.97	21.19	0	941	26.54	5.609	-0.019	14.87
6/28/2012 14:00	25665	9.56	171.4	38.26	24.26	6.641	173.9	43	17.1	98.9	101.3	19.1	17.74	0	1007	26.53	5.581	-0.029	11.93
6/28/2012 15:00	25666	9.51	156.6	40.43	22.47	6.5	158.9	45.46	15.31	99.7	102.7	16.75	15.39	0	966	26.52	5.556	-0.025	11.92
6/28/2012 16:00	25667	9.24	139.9	43.78	24.26	6.242	141.5	50.23	18.89	99.7	102.4	17.15	15.94	0	831	26.51	5.521	-0.035	11.91
6/28/2012 17:00	25668	12.41	141.9	25.84	27.84	7.978	142.4	31.68	18.89	99.7	102.8	16.88	15.44	0	848	26.49	5.47	-0.051	11.96
6/28/2012 18:00	25669	10.5	137.2	24.64	20.68	6.728	137.3	34.58	15.31	99.5	102.2	16.12	15.02	0	662.8	26.48	5.435	-0.035	12.23
6/28/2012 19:00	25670	10.73	124.1	20.66	20.68	6.818	122.2	29.05	18.89	98.5	100.5	16.36	15.54	0	451.9	26.47	5.397	-0.038	16.12
6/28/2012 20:00	25671	12.29	142.5	18.82	22.47	7.224	142.9	26.87	17.1	96.9	97.8	17.02	16.63	0	237.9	26.45	5.366	-0.032	11.93
6/28/2012 21:00	25672	11	146.8	10.98	17.1	6.34	147.5	18.47	13.52	94.5	94.5	18.81	18.65	0	57.26	26.45	5.34	-0.025	12.13
6/28/2012 22:00	25673	8.3	141.8	6.827	13.52	3.965	139	17.06	8.16	89.7	88.3	22.55	23.06	0	0.555	26.43	5.325	-0.015	11.88
6/28/2012 23:00	25674	8.44	148.1	7.52	11.74	4.091	144.8	16.28	8.16	86.6	85.3	26.42	26.61	0	0.021	26.43	5.312	-0.013	16.63
6/29/2012 0:00	25675	7.673	156.4	8.46	9.95	3.31	152	17.84	6.368	83.2	81.5	30.43	31.03	0	0.02	26.43	5.303	-0.009	12.2
6/29/2012 1:00	25676	7.299	165.5	7.299	15.31	3.058	163.1	16.12	6.368	81.4	79.81	33.03	33.41	0	0.027	26.43	5.297	-0.006	12.11
6/29/2012 2:00	25677	6.349	166.7	18.52	9.95	2.164	161	23.95	4.578	78.87	76.92	36.59	37.29	0	0.038	26.42	5.291	-0.006	12.52
6/29/2012 3:00	25678	5.463	176.6	7.838	8.16	0.736	142.5	8.91	4.578	76.03	73.25	40.72	42.22	0	0.027	26.4	5.285	-0.005	15.64
6/29/2012 4:00	25679	5.898	164.5	10.95	8.16	1.408	140.3	13.25	4.578	74.62	71.87	43.33	44.9	0	0.029	26.39	5.279	-0.006	16.66
6/29/2012 5:00	25680	5.095	170.6	28.75	8.16	1.099	133.9	35.91	4.578	73.08	70.67	45.48	46.82	0	0.024	26.38	5.273	-0.006	16.74

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/29/2012 6:00	25681	5.568	164.1	24.34	8.16	1.438	159.1	36.06	4.578	71.98	69.62	46.75	48.1	0	0.021	26.37	5.273	0	16.81
6/29/2012 7:00	25682	3.694	181.9	24.4	6.368	0.562	151.8	39.32	2.789	70.69	68.55	48.41	49.52	0	2.422	26.37	5.27	-0.003	16.48
6/29/2012 8:00	25683	4.595	219.3	25.74	6.368	2.019	236.7	26.92	4.578	71.82	70.98	48.24	47.67	0	84.4	26.39	5.27	0	12.89
6/29/2012 9:00	25684	9.38	184.4	19.89	20.68	5.901	186.7	24.04	15.31	76.47	77.12	45.6	43.39	0	266.9	26.42	5.265	-0.005	12.11
6/29/2012 10:00	25685	14.4	185.3	10.01	22.47	9.25	187.2	17.18	15.31	81.2	82.7	41.59	38.87	0	472.8	26.45	5.255	-0.01	14.91
6/29/2012 11:00	25686	12.68	183.1	13.68	20.68	8.24	185.5	19.19	15.31	85.9	88.1	35.9	33.11	0	662.2	26.46	5.246	-0.01	11.89
6/29/2012 12:00	25687	13.06	182.7	15.05	22.47	8.52	183.5	20.65	15.31	90.5	93	29.01	26.57	0	837	26.48	5.232	-0.013	16.58
6/29/2012 13:00	25688	11.42	184.2	22.21	20.68	7.754	187.3	26.01	15.31	94.2	97	23.14	21.08	0	950	26.49	5.21	-0.022	11.89
6/29/2012 14:00	25689	9.47	192.5	28.53	18.89	6.716	195.8	32.26	15.31	97.4	99.8	19.66	18.06	0	997	26.48	5.191	-0.019	16.79
6/29/2012 15:00	25690	10.63	158.6	30.64	22.47	7.271	160.5	38.76	17.1	98.1	101	18.35	16.76	0	1000	26.46	5.163	-0.029	12.02
6/29/2012 16:00	25691	9.75	187.3	33.18	22.47	6.848	191.4	35.78	17.1	98.7	101.3	18.46	16.92	0	938	26.44	5.125	-0.038	16.24
6/29/2012 17:00	25692	9.14	123.6	35.51	20.68	6.029	121.2	43.44	15.31	99.4	102.1	17.11	15.9	0	816	26.42	5.099	-0.025	11.91
6/29/2012 18:00	25693	8.45	148.4	42.8	18.89	5.748	154.4	46.68	13.52	99.3	101.3	16.66	15.77	0	645.2	26.39	5.074	-0.025	11.85
6/29/2012 19:00	25694	8.09	132.5	33.83	31.42	5.248	132	40.37	18.89	99.2	100.9	15.3	14.76	0	449.8	26.37	5.039	-0.035	16.56
6/29/2012 20:00	25695	11.42	134.8	15.73	20.68	6.935	136.3	22.56	15.31	97.4	98.2	16.15	15.89	0	241.5	26.36	5.014	-0.025	12.11
6/29/2012 21:00	25696	10.53	133.7	9.82	20.68	5.874	135.3	18.45	13.52	94.5	94.5	16.94	16.98	0	59.76	26.36	4.957	-0.057	12.02
6/29/2012 22:00	25697	8.88	137	6.83	11.74	4.566	136.4	16.92	8.16	89.7	88.4	19.11	19.64	0	0.62	26.35	4.945	-0.012	11.88
6/29/2012 23:00	25698	8.8	143.3	7.438	13.52	4.433	142.6	16.96	8.16	86.4	85.1	22.18	22.53	0	0.021	26.34	4.932	-0.013	11.91
6/30/2012 0:00	25699	7.021	158.4	11.92	11.74	2.851	156.9	18.63	6.368	82.7	81	26.75	27.38	0	0.029	26.34	4.926	-0.006	11.99
6/30/2012 1:00	25700	7.331	165	7.635	11.74	2.935	160	16.06	8.16	80.3	78.11	31.02	31.83	0	0.024	26.33	4.92	-0.006	11.88
6/30/2012 2:00	25701	7.407	163	10.96	9.95	3.462	161	18.73	6.368	79.18	77.77	34.68	34.79	0	0.038	26.32	4.914	-0.006	12.11
6/30/2012 3:00	25702	5.457	153.8	20.08	9.95	1.828	149.6	26.67	6.368	77.37	75.88	37.65	37.84	0	0.03	26.32	4.908	-0.006	16.76
6/30/2012 4:00	25703	6.457	102	35.94	11.74	3.15	98.7	40.18	6.368	77.74	76.64	38.1	37.84	0	0.043	26.33	4.901	-0.006	12.11
6/30/2012 5:00	25704	7.62	160.4	16.8	11.74	4.146	162	23.82	8.16	76.9	76.42	39.88	38.83	0	0.036	26.32	4.895	-0.007	11.96
6/30/2012 6:00	25705	9.33	177.1	22.08	17.1	5.419	178.4	27.07	11.74	76.73	76.36	40.01	38.85	0	0.041	26.31	4.891	-0.003	13.47
6/30/2012 7:00	25706	10.45	182.8	13.57	17.1	6.325	185.4	18.65	13.52	76.04	75.79	40.69	39.34	0	3.321	26.31	4.882	-0.009	11.97
6/30/2012 8:00	25707	9.4	170.2	11.11	13.52	5.462	171.1	18.99	9.95	74.74	74.6	47.73	45.99	0	81.9	26.31	4.879	-0.003	11.91
6/30/2012 9:00	25708	10.19	175.2	14.6	15.31	6.378	177.5	20.58	11.74	76.62	77.63	56.32	52.48	0	263.6	26.34	4.875	-0.004	11.92
6/30/2012 10:00	25709	10.73	187.6	13.08	18.89	7.149	189.6	18.27	13.52	81	82.6	49.99	46.22	0	469.6	26.37	4.869	-0.006	11.86
6/30/2012 11:00	25710	12.4	186.4	13.77	20.68	8.17	188.2	18.89	15.31	85.7	87.9	38.12	35.09	0	658	26.39	4.859	-0.01	12.08
6/30/2012 12:00	25711	13.22	188.8	16.1	22.47	8.86	190.9	20.42	15.31	89	91.4	30.02	27.45	0	803	26.41	4.842	-0.016	13.87
6/30/2012 13:00	25712	12.2	174.6	19.6	20.68	8.13	176.8	25.25	15.31	91.8	94.7	26.06	23.56	0	943	26.42	4.814	-0.029	11.93
6/30/2012 14:00	25713	11.64	155.3	27.73	38.57	7.653	157.4	34.01	36.78	94.4	97.6	24.33	21.97	0	998	26.42	4.785	-0.029	16.96
6/30/2012 15:00	25714	13.15	137	23.64	34.99	8.49	136.8	31.29	18.89	95.3	98.6	22.44	20.18	0	997	26.4	4.754	-0.032	16.8
6/30/2012 16:00	25715	12.31	138.2	27.4	27.84	7.983	137.5	35.51	20.68	95.9	99.2	22.73	20.43	0	924	26.39	4.722	-0.032	14.87
6/30/2012 17:00	25716	12.82	127	23.61	26.05	8.27	127.7	32.56	18.89	95.6	98.6	23.22	21.04	0	803	26.37	4.684	-0.038	11.89
6/30/2012 18:00	25717	12.52	115.5	27.7	33.21	8.04	115.8	34.82	24.26	96.1	98.6	19.24	17.8	0	647.7	26.35	4.633	-0.051	16.21
6/30/2012 19:00	25718	12.39	122.3	19.42	26.05	7.762	122.3	27.53	18.89	95.4	97.3	19.31	18.16	0	455.6	26.34	4.595	-0.038	11.95
6/30/2012 20:00	25719	11.92	122.3	15.23	22.47	7.232	123	24.5	17.1	94.4	95.3	19.63	19.09	0	250.1	26.33	4.57	-0.025	16.83
6/30/2012 21:00	25720	10.71	116.1	9.43	17.1	6.177	116.2	20.44	11.74	92.1	92.2	20.77	20.5	0	62.44	26.33	4.548	-0.022	13.49
6/30/2012 22:00	25721	7.726	106.6	8.3	11.74	3.889	101.3	19.83	8.16	87.1	85.7	22.68	23.17	0	0.534	26.33	4.536	-0.012	16.76
6/30/2012 23:00	25722	7.636	95.5	5.934	9.95	3.756	88.1	14.75	6.368	82.9	80.8	27.25	28.04	0	0.024	26.33	4.526	-0.01	11.9
7/1/2012 0:00	25723	7.693	102.6	7.711	11.74	4.197	94.2	17.6	8.16	81.2	79.83	31.97	31.91	0	0.031	26.33	4.514	-0.013	11.87
7/1/2012 1:00	25724	8.92	116.5	7.671	15.31	4.776	114.6	19.16	9.95	79.82	78.69	36.34	35.94	0	0.039	26.32	4.508	-0.006	16.61
7/1/2012 2:00	25725	9.62	121.9	8.01	17.1	5.157	119.8	19.1	9.95	79.15	78.28	40.3	39.53	0	0.044	26.31	4.499	-0.009	16.05

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/1/2012 3:00	25726	9.33	147.8	17.1	15.31	5.158	147.9	23.74	11.74	77.75	77.08	46.36	45.01	0	0.034	26.31	4.492	-0.006	16.12
7/1/2012 4:00	25727	9.74	165.4	9.27	17.1	5.346	166	17.26	9.95	76.36	75.96	61.49	58.81	0	0.042	26.31	4.489	-0.003	11.76
7/1/2012 5:00	25728	11.36	155.1	8.14	18.89	6.354	155.1	16.97	13.52	74.45	74.07	66.61	63.69	0	0.038	26.31	4.486	-0.003	16.83
7/1/2012 6:00	25729	9.41	161.9	9.93	17.1	5.194	163.1	17.64	11.74	72.6	72.2	70.19	67.19	0	0.03	26.33	4.483	-0.003	16.26
7/1/2012 7:00	25730	6.427	166	10.14	13.52	2.945	166.5	18.36	8.16	70.79	70.02	73.64	70.88	0	2.229	26.34	4.48	-0.003	11.94
7/1/2012 8:00	25731	6.565	148	9.42	15.31	3.333	146.1	17.2	9.95	70.99	70.63	74.46	71.17	0	85.4	26.35	4.48	0	16.86
7/1/2012 9:00	25732	9.03	162	13.06	13.52	5.634	163.3	20.24	9.95	73.76	75.12	70.32	64.87	0	274.2	26.39	4.479	-0.001	11.87
7/1/2012 10:00	25733	9.6	162.7	16.08	18.89	6.173	164.1	22.81	13.52	76.71	78.89	63.87	58	0	482.8	26.43	4.476	-0.003	11.99
7/1/2012 11:00	25734	9.8	173.7	20.83	18.89	6.664	176.5	26.81	15.31	80.3	82.6	55.6	50.37	0	671.7	26.44	4.469	-0.006	14.75
7/1/2012 12:00	25735	10.24	164	20.91	18.89	6.816	167	28.25	15.31	83.7	86.5	46.68	42.09	0	845	26.45	4.456	-0.013	15.8
7/1/2012 13:00	25736	10.42	143	30.3	24.26	6.904	146.5	35.21	17.1	87.2	90.5	40.09	35.92	0	970	26.46	4.437	-0.019	12.14
7/1/2012 14:00	25737	9.97	129.5	30.66	20.68	6.651	129.3	39.2	17.1	88.4	91.3	35.59	32.29	0	744.1	26.46	4.415	-0.022	11.95
7/1/2012 15:00	25738	10.9	102.3	32.49	22.47	7.183	100	40.17	17.1	90.1	93	29.39	26.65	0	816	26.44	4.389	-0.025	11.88
7/1/2012 16:00	25739	12.04	123.2	32.29	27.84	7.881	123.6	41.9	20.68	91.6	94.8	25.06	22.58	0	955	26.43	4.358	-0.032	14.56
7/1/2012 17:00	25740	11.8	130.8	23.19	26.05	7.545	132.4	32.27	18.89	92.5	95.8	24.85	22.3	0	863	26.41	4.329	-0.029	12.33
7/1/2012 18:00	25741	14.44	150	16.68	24.26	8.93	152	23.85	18.89	90	92.7	30.36	27.4	0	601.8	26.4	4.294	-0.035	12.08
7/1/2012 19:00	25742	13.29	139.8	17.89	24.26	8.21	141	25.04	20.68	89.6	91.7	29.34	26.95	0	440.4	26.39	4.266	-0.029	16.42
7/1/2012 20:00	25743	13.26	138.6	16.88	22.47	7.878	140.3	24.86	15.31	88.7	89.6	29.78	28.16	0	250.3	26.37	4.247	-0.019	12.06
7/1/2012 21:00	25744	12.41	136.9	11.3	24.26	7.382	139.1	19.31	15.31	86.2	86.5	34.12	32.68	0	66.81	26.37	4.225	-0.022	12.1
7/1/2012 22:00	25745	10.4	140.6	7.961	17.1	6.012	142.6	16.97	11.74	83.1	82.7	39.57	38.34	0	0.647	26.37	4.194	-0.032	12.05
7/1/2012 23:00	25746	7.415	131.5	9.85	11.74	3.63	129.4	19	8.16	80.4	79.34	42.9	42.32	0	0.023	26.38	4.178	-0.016	12.14
7/2/2012 0:00	25747	10.27	146.2	13.93	18.89	5.685	145.9	21.04	13.52	78.9	78.11	45.12	44.11	0	0.032	26.39	4.171	-0.006	12.14
7/2/2012 1:00	25748	9.65	154.6	9.83	20.68	5.321	153.8	17.56	15.31	77.34	76.83	51.42	49.68	0	0.057	26.4	4.162	-0.009	16.77
7/2/2012 2:00	25749	8.87	143.3	8.64	13.52	4.963	142.8	16.69	9.95	75.7	75.05	52.88	51.22	0	0.038	26.4	4.163	0	16.15
7/2/2012 3:00	25750	10.11	158.6	10.21	17.1	5.593	158.7	17.45	11.74	75	74.54	57.09	54.88	0	0.044	26.39	4.156	-0.006	16.31
7/2/2012 4:00	25751	7.377	167.8	7.836	13.52	3.754	168.7	15.58	9.95	73.05	72.4	61.9	59.68	0	0.038	26.37	4.157	0	12.95
7/2/2012 5:00	25752	5.922	160.6	10.09	8.16	2.11	158.3	13.78	6.368	70.33	68.93	66.98	65.59	0	0.024	26.36	4.15	-0.006	16.75
7/2/2012 6:00	25753	7.454	158.1	7.147	11.74	3.837	157.3	14.79	8.16	69.24	68.52	71.41	68.77	0	0.028	26.36	4.15	0	16.28
7/2/2012 7:00	25754	7.284	162.1	8.58	11.74	3.734	162	16.38	8.16	68.24	67.6	75.82	72.82	0	1.904	26.36	4.147	-0.003	11.87
7/2/2012 8:00	25755	7.542	158.8	9.98	13.52	4.327	159.6	17.87	9.95	68.74	68.79	76.81	72.66	0	54.46	26.38	4.147	0	12.14
7/2/2012 9:00	25756	11.49	154.6	10.83	18.89	6.935	155.6	18.57	15.31	70.68	71.54	75.08	69.76	0	151.7	26.41	4.144	-0.003	11.74
7/2/2012 10:00	25757	12.97	159.4	12.05	20.68	7.943	160.8	19.23	15.31	72.23	73.45	71.1	65.53	0	230.6	26.44	4.143	-0.001	12.17
7/2/2012 11:00	25758	11.51	160.9	15.01	18.89	7.194	162.1	21.93	13.52	74.53	76.31	66.29	60.41	0	347	26.45	4.136	-0.007	16.89
7/2/2012 12:00	25759	11.54	156.9	17.75	18.89	7.369	157.9	24.71	13.52	77.36	79.75	60.35	54.46	0	568.2	26.46	4.133	-0.003	12.11
7/2/2012 13:00	25760	12.21	158.4	21.18	22.47	7.971	160.9	27.65	18.89	81.7	84.9	52.03	46.23	0	926	26.47	4.12	-0.013	11.82
7/2/2012 14:00	25761	11.41	161.1	18.52	20.68	7.395	162.9	25.03	15.31	83.4	86	47.5	42.79	0	651	26.48	4.107	-0.013	16.36
7/2/2012 15:00	25762	13.73	150.8	17.39	24.26	8.75	153.1	23.93	17.1	87	90.7	40.32	35.53	0	1025	26.46	4.088	-0.019	11.76
7/2/2012 16:00	25763	13.74	154.9	18.87	26.05	8.86	157.1	24.6	17.1	88.3	91.7	36.96	32.74	0	942	26.45	4.066	-0.022	14.78
7/2/2012 17:00	25764	13.25	133.8	21.6	22.47	8.31	134.7	30.37	17.1	88.4	91.6	37.65	33.6	0	756	26.44	4.031	-0.035	11.87
7/2/2012 18:00	25765	15.29	152.4	18.08	26.05	9.46	155.1	25.39	20.68	88.1	91	38.69	34.63	0	624.3	26.42	4.009	-0.022	16.49
7/2/2012 19:00	25766	15.95	151	15.45	26.05	9.54	153.4	22.43	18.89	87.4	89.8	41.01	37.15	0	486.2	26.4	3.977	-0.032	13.42
7/2/2012 20:00	25767	15.91	144	11.67	27.84	9.62	146.4	19.77	18.89	86.2	87.3	41.35	38.73	0	234.6	26.38	3.94	-0.038	11.76
7/2/2012 21:00	25768	14.52	142	9.65	22.47	8.56	143.9	17.77	17.1	85.2	85.5	41.14	39.22	0	60.85	26.38	3.914	-0.025	12.61
7/2/2012 22:00	25769	11.16	147	7.972	18.89	6.37	147.8	15.84	13.52	83.2	82.9	42.93	41.48	0	0.726	26.37	3.902	-0.013	16.76
7/2/2012 23:00	25770	12.09	150.2	10.44	27.84	6.992	150.4	18.01	20.68	82.1	81.7	45.56	43.99	0	0.029	26.39	3.902	0	12.14

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/3/2012 0:00	25771	16.74	164.5	8.86	27.84	9.51	165.6	17.49	18.89	80.6	80.4	50.2	48.12	0	0.047	26.4	3.892	-0.009	16.84
7/3/2012 1:00	25772	12.86	155.6	8.56	26.05	7.373	156.3	16.8	17.1	78.66	78.36	53.14	51.07	0	0.045	26.4	3.883	-0.009	15.41
7/3/2012 2:00	25773	10.29	154.5	8.39	18.89	5.867	155.1	16.36	15.31	77.55	77.17	54.57	52.48	0	0.039	26.39	3.874	-0.009	12.16
7/3/2012 3:00	25774	8.05	151.8	9.18	13.52	4.374	151.8	17.2	9.95	76.37	75.82	56.96	54.95	0	0.04	26.38	3.871	-0.003	15.61
7/3/2012 4:00	25775	7.1	136.3	6.635	11.74	3.522	133.8	16.67	6.368	74.58	73.57	60.12	58.68	0	0.043	26.37	3.865	-0.006	16.91
7/3/2012 5:00	25776	8.33	140.6	7.918	13.52	4.646	140	17.33	9.95	73.83	73.09	60.58	58.7	0	0.037	26.37	3.859	-0.006	11.95
7/3/2012 6:00	25777	11.78	149.8	9.84	20.68	6.753	150	17.58	13.52	74.82	74.56	59.07	56.5	0	0.049	26.37	3.859	0	12.15
7/3/2012 7:00	25778	11.35	146.9	9.1	18.89	6.526	147.9	17.02	13.52	73.45	73.24	65.72	62.61	0	1.717	26.38	3.855	-0.004	12.17
7/3/2012 8:00	25779	12.81	154.8	9.51	20.68	7.52	156.3	17.73	15.31	73.21	73.23	70.94	67.23	0	39.63	26.38	3.855	0	12.16
7/3/2012 9:00	25780	12.78	154.4	10.09	18.89	7.619	155.8	17.78	13.52	73.67	74.34	73.25	68.44	0	126.3	26.4	3.852	-0.003	16.85
7/3/2012 10:00	25781	14.53	158	10.72	24.26	8.51	159.4	18.78	17.1	74.2	75.23	73.62	68.21	0	237.7	26.4	3.851	0	13.95
7/3/2012 11:00	25782	15.62	167.1	11.62	26.05	9.53	169.1	19.62	17.1	78.71	81.3	64.37	57.73	0	653.2	26.41	3.845	-0.006	12.1
7/3/2012 12:00	25783	13.98	165.8	15.24	24.26	8.81	167.5	21.56	17.1	83	86	55.15	49.11	0	817	26.43	3.838	-0.007	12.12
7/3/2012 13:00	25784	12.2	173.4	23.82	26.05	8.14	175.1	29.45	24.26	86.7	89.7	46.63	41.7	0	901	26.44	3.816	-0.022	16.93
7/3/2012 14:00	25785	10.59	183.7	33.88	22.47	7.329	186.7	37.83	18.89	89.8	92.6	40.48	36.29	0	985	26.44	3.797	-0.019	12.08
7/3/2012 15:00	25786	12.36	161.2	22.73	24.26	8.07	162.5	28.67	26.05	91	94.2	38.93	34.67	0	789	26.42	3.768	-0.029	12.21
7/3/2012 16:00	25787	11.99	165.8	25.8	24.26	7.883	170.2	29.47	17.1	92.5	95.4	35.59	31.91	0	848	26.41	3.714	-0.054	11.89
7/3/2012 17:00	25788	13.31	154.9	17.68	24.26	8.28	156.8	23.91	17.1	92.6	95.4	34.34	30.97	0	602.5	26.39	3.686	-0.029	11.93
7/3/2012 18:00	25789	17.3	156.2	12.87	27.84	10.24	157.6	19.29	20.68	90.1	91.7	37.72	34.98	0	233.4	26.37	3.657	-0.029	11.98
7/3/2012 19:00	25790	17.04	175.1	26.88	31.42	10.68	177.7	30.09	20.68	86.4	87.4	44.84	42.17	0	159.3	26.34	3.629	-0.028	11.88
7/3/2012 20:00	25791	17.97	190.1	9.49	27.84	11.33	192.7	15.43	20.68	85.8	86.1	43.5	41.48	0	43.38	26.33	3.617	-0.012	12.08
7/3/2012 21:00	25792	17.12	185	8.75	26.05	10.6	186.6	15.62	20.68	84.1	84.2	46.68	44.52	0	5.542	26.34	3.601	-0.016	11.9
7/3/2012 22:00	25793	12.58	180.3	9.1	22.47	7.594	182.5	16.52	15.31	82	82.1	49.11	46.99	0	0.163	26.33	3.591	-0.01	12.1
7/3/2012 23:00	25794	7.851	196.8	12.86	15.31	4.932	199	16.53	9.95	79.43	79.41	53.75	51.27	0	0.037	26.33	3.582	-0.01	16.6
7/4/2012 0:00	25795	6.623	161.6	11.88	9.95	3.477	159.6	18.74	8.16	77.16	76.84	56.94	54.7	0	0.035	26.35	3.579	-0.003	12.13
7/4/2012 1:00	25796	6.26	165.8	8.94	11.74	3.044	166.3	16.73	8.16	75.79	75.41	59.88	57.52	0	0.035	26.35	3.576	-0.003	16.75
7/4/2012 2:00	25797	8.86	156.7	10.06	15.31	4.998	156.9	17.94	9.95	76.18	75.95	59.87	57.24	0	0.044	26.35	3.573	-0.003	16.14
7/4/2012 3:00	25798	7.196	167.8	9.93	11.74	4.082	168.9	17.2	8.16	76.12	75.99	59.77	57.07	0	0.042	26.36	3.569	-0.003	12.09
7/4/2012 4:00	25799	5.648	167.7	7.392	9.95	2.825	168.8	15.41	6.368	75.43	75.19	60.88	58.31	0	0.059	26.35	3.566	-0.003	11.74
7/4/2012 5:00	25800	4.718	176.8	13.82	8.16	2.03	178.9	17.28	6.368	74.91	74.49	61.62	59.32	0	0.044	26.34	3.57	0.003	12.14
7/4/2012 6:00	25801	8.24	166.3	12.81	15.31	4.621	167.8	20.37	9.95	74.7	74.37	60.48	58.09	0	0.044	26.34	3.563	-0.006	16.9
7/4/2012 7:00	25802	10.22	158.5	7.927	15.31	5.695	158.8	15.98	11.74	74.32	74.02	60.6	58.1	0	2.743	26.34	3.56	-0.003	16.83
7/4/2012 8:00	25803	11.74	158.1	8.49	18.89	6.682	158.7	16.71	13.52	75.21	75.18	58.79	56.17	0	65.36	26.35	3.557	-0.003	16.74
7/4/2012 9:00	25804	14.55	165.1	9.38	22.47	8.7	167.5	17.51	17.1	77.18	78.08	56.33	52.72	0	250.9	26.38	3.553	-0.004	14.1
7/4/2012 10:00	25805	16.12	169.1	10.27	24.26	9.65	170.8	18.3	18.89	80.5	82.3	52.9	48.48	0	464.1	26.4	3.544	-0.01	11.77
7/4/2012 11:00	25806	15.65	172	14.21	26.05	9.75	174.1	21.41	17.1	83.3	85.9	49.7	44.91	0	660.8	26.42	3.528	-0.016	15.39
7/4/2012 12:00	25807	14.54	180.9	16.05	24.26	9.35	182.8	21.44	17.1	84.5	87.1	47.95	43.31	0	715.9	26.43	3.518	-0.01	11.98
7/4/2012 13:00	25808	14.34	173.5	19.33	26.05	9.42	176.3	24.16	18.89	87.5	90.6	43.45	38.81	0	931	26.43	3.492	-0.025	11.92
7/4/2012 14:00	25809	13.44	177	19.64	24.26	9.02	179.4	24.52	20.68	90.1	93.2	38.64	34.52	0	975	26.43	3.467	-0.025	11.95
7/4/2012 15:00	25810	13.19	167.4	22.3	26.05	8.6	170.6	26.78	18.89	92.6	96	33.94	30.05	0	950	26.42	3.413	-0.054	15.61
7/4/2012 16:00	25811	14.46	164	19.11	24.26	9.12	166.4	24.65	18.89	93.2	96.3	32.26	28.74	0	805	26.4	3.375	-0.038	15.05
7/4/2012 17:00	25812	15.38	161.3	21.69	27.84	9.76	164.5	27.02	20.68	93.7	96.6	30.65	27.54	0	716.6	26.38	3.343	-0.032	11.88
7/4/2012 18:00	25813	17.04	169.2	13.78	27.84	10.48	171.9	20.63	20.68	94.1	96.9	31.13	27.89	0	702.9	26.37	3.318	-0.025	16.73
7/4/2012 19:00	25814	24.59	168	16.04	49.31	14.65	170.1	21.89	36.78	89.3	91	39.47	36.23	0	276.9	26.36	3.274	-0.044	11.95
7/4/2012 20:00	25815	22.55	163.7	40.51	43.94	13.64	166.5	44.92	33.21	76.91	76.82	64.38	62.97	0.01	82.8	26.36	3.265	-0.009	11.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/4/2012 21:00	25816	10.7	158.3	63.02	26.05	6.475	164.4	66.21	18.89	75.14	74.35	65.68	66.35	0.01	1.55	26.33	3.266	0.001	12.1
7/4/2012 22:00	25817	11.34	194.8	32.58	22.47	7.15	195.7	34.27	17.1	77.32	76.81	54.26	53.96	0	0.117	26.32	3.263	-0.003	11.91
7/4/2012 23:00	25818	7.671	153.8	16.09	15.31	4.212	152.6	22.97	9.95	74.15	73.75	66.27	64.74	0	0.036	26.34	3.266	0.003	15.19
7/5/2012 0:00	25819	10.1	154.8	8.85	17.1	5.642	155.6	16.95	11.74	72.68	72.32	66.29	64.39	0	0.038	26.36	3.256	-0.009	16.72
7/5/2012 1:00	25820	6.134	119.6	15.25	11.74	2.57	107.9	23.3	6.368	70.64	69.28	68.98	69.51	0	0.033	26.36	3.253	-0.003	11.71
7/5/2012 2:00	25821	5.144	139	45.34	11.74	2.076	126.6	39.93	6.368	70.13	68.74	65.43	65.99	0	0.021	26.34	3.247	-0.006	16.67
7/5/2012 3:00	25822	5.126	139.7	19.72	9.95	1.537	123.9	23.18	4.578	68.42	66.64	67.95	69.19	0	0.025	26.33	3.244	-0.003	16.81
7/5/2012 4:00	25823	6.415	158	15.29	11.74	2.411	151.2	22.1	6.368	67.55	65.91	68.93	69.46	0	0.017	26.32	3.244	0	12.1
7/5/2012 5:00	25824	4.99	173.1	17.53	9.95	1.33	176.9	19.64	6.368	66.7	65.51	69.2	68.74	0	0.016	26.33	3.244	0	13.31
7/5/2012 6:00	25825	4.84	170.7	20.95	8.16	0.942	149.1	21.15	4.578	66.05	64.41	69.36	69.62	0	0.014	26.32	3.24	-0.003	12.11
7/5/2012 7:00	25826	7.136	160.9	8.15	11.74	3.309	160.3	15.71	8.16	66.88	65.47	71.45	70.73	0	1.687	26.33	3.24	0	12.26
7/5/2012 8:00	25827	10.92	163.1	9.7	20.68	6.112	164	17.74	15.31	69.59	69.42	70.48	67.6	0	81.2	26.35	3.237	-0.003	14.96
7/5/2012 9:00	25828	17.24	172.3	9.28	26.05	10.14	173.9	17.61	18.89	73.26	74.22	65.84	61.57	0	268.8	26.38	3.233	-0.004	11.76
7/5/2012 10:00	25829	16.4	183.1	11.94	24.26	10.43	185.2	17.36	18.89	76.68	78.3	59.39	54.77	0	473	26.41	3.224	-0.01	16.62
7/5/2012 11:00	25830	14.37	194.3	12.32	22.47	9.64	196.6	16.91	17.1	80	82.2	54.07	49.21	0	657.6	26.42	3.217	-0.006	12.01
7/5/2012 12:00	25831	11.69	194.2	18.3	18.89	8.13	195.4	22.36	15.31	84.2	86.5	46.32	42.07	0	812	26.45	3.204	-0.013	11.69
7/5/2012 13:00	25832	12.24	185	21.3	22.47	8.33	187.6	25.88	17.1	87	89.9	41.29	37.09	0	894	26.46	3.185	-0.019	15.19
7/5/2012 14:00	25833	14.51	172.2	19.62	27.84	9.32	175.2	24.49	20.68	87.6	90.6	40.68	36.43	0	765.3	26.47	3.16	-0.025	12.07
7/5/2012 15:00	25834	15.03	163.2	17.65	27.84	9.67	167.1	24	20.68	89.3	92.8	37.79	33.49	0	945	26.45	3.122	-0.038	14.94
7/5/2012 16:00	25835	16.07	158.7	17.93	31.42	10	161.6	24.33	20.68	90.2	93.4	33.94	30.23	0	735.8	26.44	3.093	-0.029	12.08
7/5/2012 17:00	25836	22.95	156.5	12.47	38.57	13.73	159.5	19.69	29.63	87.7	90.3	38.43	34.55	0	718.2	26.43	3.065	-0.029	12.06
7/5/2012 18:00	25837	19.72	159.8	12.05	29.63	11.77	163	18.94	22.47	87.1	89.5	38.47	34.8	0	518.8	26.42	3.03	-0.035	11.99
7/5/2012 19:00	25838	19.6	157.2	9.99	29.63	11.44	160	17.73	24.26	84.7	86.3	41.92	38.72	0	299	26.42	3.014	-0.016	16.64
7/5/2012 20:00	25839	21.41	153.3	9.46	33.21	12.34	156	16.67	24.26	81.6	82.3	41.43	39.01	0	99.9	26.42	2.992	-0.022	16.18
7/5/2012 21:00	25840	16.8	169.6	13.03	27.84	10.02	172.5	18.97	20.68	78.78	79.04	49.23	46.81	0	40.07	26.42	2.973	-0.019	11.71
7/5/2012 22:00	25841	10.76	182.7	10.28	22.47	6.427	185	16.5	15.31	75.73	75.63	55.54	53	0	0.394	26.41	2.945	-0.028	13.11
7/5/2012 23:00	25842	8.53	193.4	10.1	15.31	5.287	194.6	15.42	11.74	74.24	74.01	57.91	55.47	0	0.026	26.41	2.945	0	11.73
7/6/2012 0:00	25843	8.15	175.3	11.21	11.74	4.652	178.1	17.74	9.95	71.8	71.39	59.64	57.39	0	0.025	26.41	2.942	-0.003	11.69
7/6/2012 1:00	25844	4.737	167	24.91	13.52	1.837	174.6	28.04	8.16	69.66	68.8	63.41	61.6	0	0.026	26.41	2.939	-0.003	16.44
7/6/2012 2:00	25845	4.296	175.4	29.27	8.16	0.836	148.6	28.6	4.578	68.59	67.19	65.17	63.95	0	0.021	26.39	2.93	-0.01	11.78
7/6/2012 3:00	25846	4.697	133.5	11.44	9.95	1.531	120.3	20.11	4.578	67.57	66.33	67.41	65.96	0	0.015	26.39	2.93	0	15.59
7/6/2012 4:00	25847	2.544	119.5	12.78	6.368	0.713	86.7	9.8	4.578	67.21	66.05	68.9	67.11	0	0.022	26.38	2.93	0	12.1
7/6/2012 5:00	25848	5.563	132.4	10.18	9.95	1.891	115.9	14.9	4.578	67.19	65.54	70.82	69.64	0	0.019	26.38	2.93	0	15.55
7/6/2012 6:00	25849	6.099	133.9	9.65	9.95	2.192	122.2	14.72	6.368	67.69	66.11	71.54	70.44	0	0.018	26.38	2.93	0	15.56
7/6/2012 7:00	25850	7.977	117.7	9.04	11.74	4.068	115	19.94	8.16	67.46	66.6	73.26	70.98	0	1.51	26.39	2.93	0	15.76
7/6/2012 8:00	25851	9.03	116	8.3	13.52	4.996	115.3	20.45	9.95	67.9	67.57	73.46	70.35	0	27.85	26.4	2.93	0	16.14
7/6/2012 9:00	25852	12.96	147.5	13.94	22.47	7.754	149.4	20.78	17.1	72.68	73.94	68.17	63.16	0	316.9	26.43	2.923	-0.007	16.38
7/6/2012 10:00	25853	15.36	170.6	12.22	22.47	9.37	173	18.9	17.1	76.41	78.04	61.87	56.86	0	396.3	26.47	2.919	-0.004	16.29
7/6/2012 11:00	25854	13.64	187.2	14.95	20.68	8.97	189.9	19.22	17.1	80.2	81.9	54.52	50.03	0	537.8	26.49	2.916	-0.003	11.67
7/6/2012 12:00	25855	13.27	186.1	16.49	22.47	8.95	189.5	20.36	17.1	84.3	86.9	45.52	41.22	0	825	26.51	2.894	-0.023	14.97
7/6/2012 13:00	25856	12.98	171.3	19.53	27.84	8.36	173.8	24.88	18.89	86.5	89.5	40.02	35.98	0	760.1	26.52	2.871	-0.022	12.4
7/6/2012 14:00	25857	13.19	165.2	17.84	24.26	8.28	168.1	22.86	17.1	87.7	90.6	36.84	33.22	0	697.2	26.51	2.846	-0.025	11.81
7/6/2012 15:00	25858	14.35	154.8	19.48	27.84	9.11	157.2	25.1	17.1	88.8	91.6	33.75	30.52	0	758.8	26.5	2.817	-0.029	12.03
7/6/2012 16:00	25859	16.08	152.1	18.66	27.84	9.95	155.1	25.27	22.47	89.9	93.2	32.03	28.45	0	820	26.49	2.779	-0.038	12.1
7/6/2012 17:00	25860	16.31	157.3	15.58	29.63	10.01	160.2	22.2	20.68	90.5	93.4	30.17	27.12	0	677.6	26.48	2.751	-0.029	15.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/6/2012 18:00	25861	15.03	157.8	13.08	27.84	8.77	160.8	20.09	20.68	88.7	89.8	31.44	29.57	0	211.2	26.46	2.729	-0.022	11.75
7/6/2012 19:00	25862	14.07	159.7	15.6	22.47	8.5	162.8	21.66	18.89	89	89.9	28.5	27.02	0	182.8	26.46	2.707	-0.022	12.1
7/6/2012 20:00	25863	11.92	301.9	42.42	22.47	9.23	303.6	42.28	17.1	81.4	82	49.76	46.29	0	127.3	26.46	2.688	-0.019	11.71
7/6/2012 21:00	25864	7.609	293.1	9	11.74	6.112	294.9	11.47	11.74	78.43	78.74	55.63	52.38	0	23.1	26.45	2.682	-0.006	11.79
7/6/2012 22:00	25865	4.595	311.5	11.03	8.16	2.146	309.7	14.01	6.368	75.89	75.52	60.57	57.88	0	0.439	26.44	2.676	-0.006	15.99
7/6/2012 23:00	25866	4.64	303.8	11.67	6.368	0.882	283.7	14.55	2.789	74.28	72.45	63.6	62.51	0	0.016	26.44	2.676	0	16.63
7/7/2012 0:00	25867	4.677	330.7	30.58	11.74	1.789	323.9	32.88	8.16	73.7	72.25	61.7	61.1	0	0.015	26.44	2.676	0	16.09
7/7/2012 1:00	25868	2.407	322.6	32.38	8.16	0.76	228	34.19	6.368	72.11	69.74	64.49	64.09	0	0.02	26.44	2.676	0	15.49
7/7/2012 2:00	25869	2.276	342.1	23.15	6.368	0.416	342.1	22.38	2.789	71.41	68.82	64.61	65.56	0	0.012	26.44	2.673	-0.003	13.66
7/7/2012 3:00	25870	6.326	35.91	13.27	11.74	3.074	38.16	14.12	6.368	70.71	69.66	70.21	68.24	0	0.021	26.43	2.673	0	11.95
7/7/2012 4:00	25871	6.156	56.85	9.17	8.16	3.27	60.42	15.99	6.368	68.65	67.94	78.65	75.61	0	0.025	26.43	2.673	0	16.57
7/7/2012 5:00	25872	7.693	56.05	8.92	11.74	4.626	57.49	15.3	9.95	68.32	67.72	77.95	75.2	0	0.021	26.44	2.673	0	12.12
7/7/2012 6:00	25873	7.524	52.67	7.52	9.95	3.95	52.84	15.15	8.16	68.84	68.07	73.43	71.39	0	0.022	26.44	2.67	-0.003	11.69
7/7/2012 7:00	25874	6.647	37.29	10.31	9.95	3.478	36.2	14.64	8.16	68.56	68.07	72.72	70.11	0	1.407	26.45	2.67	0	11.77
7/7/2012 8:00	25875	4.988	48.44	15.96	8.16	2.503	51.42	17.48	6.368	70.95	70.06	65.71	64.56	0	76.01	26.47	2.67	0	12.07
7/7/2012 9:00	25876	3.854	66.71	26.48	8.16	2.165	56.15	21.99	6.368	76.83	77.4	54.44	51.92	0	264.5	26.51	2.669	-0.001	14.87
7/7/2012 10:00	25877	6.234	181.5	25.85	11.74	4.421	184.8	31.57	11.74	81.5	83.2	43.23	40.49	0	471.1	26.55	2.663	-0.006	11.97
7/7/2012 11:00	25878	6.114	190.2	31.06	13.52	4.401	194.6	31.98	9.95	84.6	86.2	38.63	36.12	0	658.7	26.58	2.656	-0.007	11.93
7/7/2012 12:00	25879	5.772	190.3	58.92	13.52	4.349	198.4	61.32	11.74	88.3	89.6	32.37	30.51	0	830	26.6	2.649	-0.006	16.06
7/7/2012 13:00	25880	7.091	103.7	57.68	15.31	5.076	107.7	64.71	11.74	90.2	92.4	29.8	27.7	0	888	26.6	2.624	-0.025	16.19
7/7/2012 14:00	25881	9.02	104.7	29.41	20.68	6.086	103	38.41	15.31	89.7	92.1	29.96	27.63	0	648.4	26.59	2.608	-0.016	16.04
7/7/2012 15:00	25882	9	122.3	32.78	24.26	6.001	121.3	41.83	15.31	92.3	95.2	26.5	24.16	0	864	26.57	2.583	-0.025	12.02
7/7/2012 16:00	25883	8.38	98.3	43.01	26.05	5.528	95.9	52.98	17.1	92.7	94.8	24.16	22.53	0	638	26.55	2.557	-0.025	14.34
7/7/2012 17:00	25884	7.666	144.1	47.63	20.68	5.182	147	51.31	18.89	93.5	95.3	22.81	21.42	0	583.5	26.53	2.538	-0.019	15.95
7/7/2012 18:00	25885	8.21	121.7	38.39	20.68	5.576	122.3	45.02	15.31	94.5	96.7	20.82	19.46	0	579.1	26.51	2.504	-0.035	11.91
7/7/2012 19:00	25886	7.094	49.9	54.57	27.84	5.108	44.53	56.62	20.68	93.9	94.8	20.5	19.57	0	420.8	26.48	2.481	-0.022	16.41
7/7/2012 20:00	25887	8.73	110.7	20.9	17.1	5.387	110.5	29.33	11.74	92.9	93.6	21.74	21.02	0	209.7	26.48	2.466	-0.016	14.23
7/7/2012 21:00	25888	6.11	138.4	21.41	13.52	3.302	140.6	25.54	8.16	91.2	91.3	24	23.71	0	65.43	26.47	2.45	-0.016	16.08
7/7/2012 22:00	25889	7.83	132.1	12.98	11.74	3.858	130.8	20.17	9.95	86.7	85.5	30.34	30.32	0	0.554	26.47	2.444	-0.006	11.97
7/7/2012 23:00	25890	8.75	157.3	13.43	15.31	4.609	158.4	19.4	9.95	83.6	82.7	37.77	37.14	0	0.022	26.47	2.437	-0.006	15.79
7/8/2012 0:00	25891	5.073	177.6	14.94	9.95	1.463	168.2	10.69	6.368	79.49	78.2	45.02	44.65	0	0.03	26.47	2.431	-0.006	11.74
7/8/2012 1:00	25892	2.191	213.2	25.61	4.578	0.043	331.2	5.666	2.789	77.77	75.95	48.09	48.14	0	0.018	26.47	2.431	0	12.09
7/8/2012 2:00	25893	2.231	192	23.51	4.578	0.408	101.4	1.258	2.789	77.03	74.39	49.69	50.56	0	0.022	26.45	2.432	0	15.88
7/8/2012 3:00	25894	3.122	215.1	10.35	4.578	0	0	0	0	76.28	73.19	50.77	52.62	0	0.019	26.44	2.429	-0.003	16.25
7/8/2012 4:00	25895	2.761	287.3	25.83	6.368	0.404	313.5	7.623	4.578	75.06	71.98	52.6	54.26	0	0.02	26.43	2.429	0	12.41
7/8/2012 5:00	25896	2.446	306.6	5.538	4.578	0.243	100.9	2.456	2.789	74.71	70.08	53.35	56.33	0	0.014	26.42	2.426	-0.003	12.1
7/8/2012 6:00	25897	1.01	153.5	7.136	4.578	1.197	87.8	6.646	4.578	73.51	69.59	55.75	56.7	0	0.018	26.42	2.426	0	11.89
7/8/2012 7:00	25898	0.837	125.8	45.44	4.578	0.525	74.84	5.528	2.789	72.56	68.56	57.69	59.15	0	1.394	26.43	2.426	0	16.39
7/8/2012 8:00	25899	3.232	116.3	16.01	4.578	1.8	81.9	8.15	4.578	73.89	70.96	56.29	57	0	70.26	26.45	2.429	0.003	15.99
7/8/2012 9:00	25900	2.245	212.7	27.28	6.368	1.174	222.7	13.72	4.578	79.38	79.66	49.6	47.31	0	250.5	26.48	2.425	-0.004	16.25
7/8/2012 10:00	25901	4.859	220.4	25.09	9.95	3.695	224.1	24.05	8.16	83.8	84.7	42.01	39.64	0	458	26.53	2.422	-0.003	12.55
7/8/2012 11:00	25902	5.175	242.7	27.98	9.95	4.073	239.8	28.51	8.16	88.1	89	35.26	33.18	0	644.8	26.54	2.421	0	15.62
7/8/2012 12:00	25903	4.646	295.8	81.6	11.74	3.674	292	71.7	11.74	93.1	93.8	28.8	27.42	0	822	26.56	2.409	-0.013	11.92
7/8/2012 13:00	25904	3.954	178.6	50.31	8.16	2.505	181.8	50.16	6.368	92.5	93.8	27.59	26.12	0	336.4	26.56	2.393	-0.016	16
7/8/2012 14:00	25905	7.325	200.2	27.89	18.89	5.131	201.9	31.89	15.31	91.8	92.6	27.8	26.5	0	291.3	26.54	2.377	-0.016	15.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/8/2012 15:00	25906	11.06	159.4	36.99	27.84	7.148	161.7	42.13	20.68	92.9	95	26.75	24.81	0	776.7	26.52	2.364	-0.013	12.1
7/8/2012 16:00	25907	17.96	137.5	14.91	31.42	11.2	140.6	22.1	20.68	91	94.8	28.89	25.47	0	1004	26.52	2.32	-0.044	12.85
7/8/2012 17:00	25908	11.33	169.9	30.94	22.47	7.721	173.6	33.63	17.1	93.9	96.7	24.77	22.47	0	790.2	26.5	2.301	-0.019	12.04
7/8/2012 18:00	25909	8.32	207.4	34.66	18.89	6.119	208.5	35.02	15.31	94.6	96.3	24.36	22.54	0	627.8	26.48	2.263	-0.038	11.88
7/8/2012 19:00	25910	6.36	174.5	46.05	11.74	4.506	176.4	49.06	9.95	95.2	96.6	23.62	22.24	0	450.3	26.47	2.244	-0.019	11.86
7/8/2012 20:00	25911	6.4	153.4	60.95	15.31	3.756	156.8	58.54	11.74	91.6	92	29.51	30.01	0	115.7	26.46	2.215	-0.028	11.99
7/8/2012 21:00	25912	9.28	270.2	21.48	22.47	7.127	267.7	22.56	20.68	83.7	84.1	44.89	42.91	0	81.5	26.45	2.206	-0.009	11.87
7/8/2012 22:00	25913	8.06	45.37	58.53	26.05	4.988	46.89	57.36	18.89	83.6	83.5	42.13	40.77	0	1.325	26.46	2.203	-0.003	12.08
7/8/2012 23:00	25914	13.88	112.6	9.75	29.63	8.05	112.9	21.52	22.47	81	81	46.85	45.06	0	0.033	26.47	2.197	-0.006	11.98
7/9/2012 0:00	25915	9.13	114.6	15.4	15.31	5.254	115.1	24.96	9.95	78.64	78.31	52.3	50.44	0	0.031	26.47	2.19	-0.006	11.89
7/9/2012 1:00	25916	5.317	96.6	14.13	11.74	2.765	94.2	20.33	8.16	77.02	76.52	55.46	53.69	0	0.035	26.46	2.191	0	12.11
7/9/2012 2:00	25917	9.61	77.79	23.56	18.89	5.53	70.92	24.12	13.52	75.67	75.32	59.03	56.66	0	0.034	26.47	2.184	-0.006	16.61
7/9/2012 3:00	25918	11.81	73.06	8.97	18.89	6.828	68.84	19.22	15.31	74.19	74.07	64.71	61.61	0	0.037	26.47	2.181	-0.003	15.26
7/9/2012 4:00	25919	12.01	85.7	11.66	18.89	7.335	83	20.8	13.52	71.92	71.84	71.98	68.38	0	0.029	26.46	2.185	0.003	12.13
7/9/2012 5:00	25920	8.66	83.4	11.27	15.31	5.08	79.78	20.35	9.95	70.46	70.31	74.8	71.15	0	0.022	26.45	2.178	-0.006	16.45
7/9/2012 6:00	25921	5.474	60.3	21.77	8.16	3.097	57.89	26.26	6.368	69.85	69.53	76.02	72.53	0	0.022	26.44	2.178	0	16.37
7/9/2012 7:00	25922	9.39	2.676	13.02	17.1	6.77	359.9	14.11	13.52	69.09	69.24	78.35	73.81	0	0.909	26.44	2.181	0.003	14.63
7/9/2012 8:00	25923	10.57	344.7	13.56	17.1	8.02	340.5	15.19	13.52	69.69	69.9	75.83	71.54	0	20.4	26.47	2.178	-0.003	16.37
7/9/2012 9:00	25924	9.48	21.73	15.67	17.1	6.224	18.63	19.87	15.31	72.26	72.5	65.34	61.7	0	80.2	26.49	2.175	-0.003	15.54
7/9/2012 10:00	25925	14.67	37.75	13.83	22.47	8.48	33.81	17.66	17.1	73.35	73.75	61.84	58.16	0	152.7	26.51	2.172	-0.003	16.44
7/9/2012 11:00	25926	15.18	51.56	14.14	26.05	8.99	47.69	19.9	17.1	76.94	78.27	56.66	52.29	0	558.1	26.53	2.165	-0.007	12.03
7/9/2012 12:00	25927	13.76	59.84	16.7	20.68	8.37	55.97	23.06	17.1	80.2	82	50.78	46.57	0	519.3	26.55	2.159	-0.006	11.88
7/9/2012 13:00	25928	11.67	73.99	17.33	18.89	7.419	69.83	25.06	15.31	81.7	83.6	49.06	44.97	0	535.7	26.55	2.143	-0.016	12.03
7/9/2012 14:00	25929	8.27	91.4	27.39	15.31	5.697	88.3	35.21	13.52	86	88.6	38.57	35.31	0	825	26.55	2.136	-0.007	16.26
7/9/2012 15:00	25930	8.14	64.15	26.12	17.1	5.549	58.72	33.09	13.52	87.6	90	36.84	33.57	0	845	26.55	2.107	-0.029	12.13
7/9/2012 16:00	25931	13.08	59.34	16.37	27.84	8.42	54.28	22.63	31.42	87.7	90.7	38.08	33.84	0	1058	26.54	2.079	-0.029	11.93
7/9/2012 17:00	25932	12.83	54.93	20.41	22.47	8.1	51.09	26.79	18.89	86.7	89.2	40.49	36.37	0	799.5	26.51	2.054	-0.025	11.87
7/9/2012 18:00	25933	11.67	52.99	17.02	20.68	7.22	47.23	22.9	15.31	87.4	89.6	36.63	33.22	0	611.6	26.49	2.028	-0.025	12
7/9/2012 19:00	25934	10.05	61.42	17.48	18.89	6.335	57.71	25.59	13.52	87.9	89.7	35.67	32.81	0	466.2	26.46	2.003	-0.025	11.95
7/9/2012 20:00	25935	10.17	46.3	21.62	17.1	6.336	41.99	27.18	15.31	87.7	88.6	38.38	36.01	0	276.2	26.47	1.981	-0.022	16.27
7/9/2012 21:00	25936	10.57	23.49	21.54	17.1	7.402	19.3	23.89	13.52	86	86.5	38.59	36.48	0	55.06	26.46	1.946	-0.035	14.35
7/9/2012 22:00	25937	9.39	79.47	10.07	17.1	5.483	74.91	19.46	11.74	82.7	82.6	48.04	45.99	0	0.325	26.47	1.946	0	14.79
7/9/2012 23:00	25938	8.55	70.08	9.76	13.52	5.237	66.06	17.79	9.95	81	81.1	50.17	47.89	0	0.029	26.47	1.94	-0.006	16
7/10/2012 0:00	25939	7.42	73.02	8.2	11.74	4.407	67.72	18.2	8.16	79.4	79.31	52	49.75	0	0.034	26.47	1.94	0	16.13
7/10/2012 1:00	25940	8.01	67.91	7.607	11.74	4.889	63.93	16.29	8.16	77.32	77.23	55.35	52.85	0	0.028	26.46	1.937	-0.003	16.44
7/10/2012 2:00	25941	6.727	59.84	15.74	11.74	3.886	58.14	19.34	8.16	76.78	76.63	55.26	52.91	0	0.036	26.45	1.937	0	11.87
7/10/2012 3:00	25942	16.66	344.4	15.62	29.63	12.84	341	16.4	26.05	73.72	74.18	68.8	64.13	0	0.035	26.47	1.934	-0.003	16.72
7/10/2012 4:00	25943	17.06	330.6	7.479	27.84	13.76	329.8	9.65	24.26	71.03	71.45	76.93	72	0	0.031	26.47	1.931	-0.003	16.71
7/10/2012 5:00	25944	12.19	332.3	9.43	18.89	9.91	329.9	11.51	18.89	69.14	69.56	83.9	78.5	0	0.027	26.46	1.931	0	11.91
7/10/2012 6:00	25945	8.21	346	15.67	13.52	6.299	342.4	15.54	11.74	69.22	69.63	84.1	78.64	0	0.024	26.46	1.931	0	15.83
7/10/2012 7:00	25946	8.48	334.2	13.78	15.31	6.584	332.4	13.53	11.74	68.21	68.6	87.7	82.8	0	0.267	26.45	1.931	0	16.29
7/10/2012 8:00	25947	5.346	318.9	12.58	9.95	4.273	320.5	12.39	8.16	68.56	68.77	87.4	83.2	0	37.61	26.45	1.931	0	11.88
7/10/2012 9:00	25948	6.191	308.7	13.95	9.95	5.093	311.8	15.22	9.95	70.31	70.75	82.8	77.47	0	175.8	26.46	1.931	0	14.96
7/10/2012 10:00	25949	7.811	13.99	34.17	13.52	5.547	10.33	34.1	9.95	73.73	74.79	75.29	69.32	0	354.1	26.49	1.934	0.003	11.9
7/10/2012 11:00	25950	8.49	36.83	21.24	15.31	5.681	32.11	23.98	11.74	75.63	77.05	71.57	65.25	0	446	26.51	1.927	-0.006	11.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/10/2012 12:00	25951	9.52	49.58	21.84	17.1	6.284	44.09	26.9	11.74	78.18	80.4	65.97	59.24	0	840	26.52	1.921	-0.006	12.1
7/10/2012 13:00	25952	10.08	20.73	38.36	24.26	7.358	17.42	38.11	20.68	78.47	80	64.69	59.44	0	403.5	26.52	1.911	-0.01	14.52
7/10/2012 14:00	25953	12.06	353.9	27.6	27.84	8.67	352.2	27.56	22.47	75.4	75.85	72.02	68.52	0.67	151.6	26.48	2.38	0.469	16.26
7/10/2012 15:00	25954	8.04	32.96	45.11	20.68	5.507	25.83	43.82	18.89	75	69.11	87.7	86	0.56	63.91	26.46	2.961	0.581	16.27
7/10/2012 16:00	25955	9.89	46.56	31.08	17.1	6.393	42.44	33.11	13.52	78.7	71.17	84.9	83	0.01	183	26.42	2.974	0.013	11.85
7/10/2012 17:00	25956	11.63	52.5	13.53	20.68	6.785	48.56	19.28	13.52	82.2	74.99	75.14	73.23	0	421.3	26.42	2.974	-0.001	16.33
7/10/2012 18:00	25957	11.67	47.75	14.87	20.68	7.063	43.5	20.33	15.31	73.68	76.6	73.22	69.3	0	549.1	26.43	2.973	0	16.15
7/10/2012 19:00	25958	11.4	42.48	13.42	18.89	6.698	38.98	17.89	13.52	75.99	75.69	72.71	69.05	0	292.7	26.44	2.97	-0.003	13.41
7/10/2012 20:00	25959	15.63	59.05	10.78	24.26	9.36	55.74	17.79	20.68	82.9	74.02	74.02	70.57	0	167.1	26.45	2.97	0	11.7
7/10/2012 21:00	25960	14.52	62.31	9.56	24.26	8.86	59.16	17.03	18.89	81.1	71.13	79.42	75.76	0	28.57	26.44	2.97	0	11.97
7/10/2012 22:00	25961	13.43	74.62	11.39	22.47	8.16	71.17	20.16	17.1	78.83	69.02	86.1	82	0	0.291	26.44	2.971	0.001	11.67
7/10/2012 23:00	25962	10.42	82.8	12.38	18.89	6.341	80.3	21.06	11.74	76.84	67.98	86.4	82.6	0	0.022	26.44	2.971	0	11.72
7/11/2012 0:00	25963	7.562	62.92	22.36	11.74	4.517	59.14	26.84	9.95	76.7	67.64	87.9	84.1	0	0.021	26.45	2.971	0	12.21
7/11/2012 1:00	25964	5.907	28.64	12.16	9.95	3.63	26.8	16.37	8.16	76.17	67.8	87.9	84	0	0.025	26.46	2.971	0	11.86
7/11/2012 2:00	25965	6.558	31.38	13.71	9.95	4.098	28.02	17.72	9.95	76.73	67.8	88	84.2	0	0.024	26.46	2.971	0	12.02
7/11/2012 3:00	25966	6.083	8.25	18.25	11.74	4.195	4.515	19.84	9.95	76.68	68.01	88.7	84.8	0	0.029	26.46	2.971	0	12.12
7/11/2012 4:00	25967	7.505	24.85	10.83	11.74	5.025	21.67	15.09	9.95	76.78	67.97	88.1	84.3	0	0.03	26.45	2.971	0	12.16
7/11/2012 5:00	25968	8.04	25.77	9.76	13.52	5.363	21.3	14.07	9.95	76.26	67.57	88.6	84.9	0	0.027	26.45	2.971	0	12.12
7/11/2012 6:00	25969	7.056	29.82	11.84	13.52	4.586	25.12	15.95	11.74	76.03	67.41	89.6	85.8	0	0.026	26.44	2.971	0	16.64
7/11/2012 7:00	25970	7.163	18.36	11.09	11.74	5.145	15.88	13.4	9.95	75.43	66.82	90.7	87.1	0	1.035	26.45	2.974	0.003	12.14
7/11/2012 8:00	25971	8	22.97	9.74	11.74	5.496	19.26	14.03	11.74	75.84	67.26	89.9	86.3	0	61.51	26.45	2.971	-0.003	12.17
7/11/2012 9:00	25972	8.39	27.1	10.52	13.52	5.369	23.92	15.63	9.95	77.58	68.87	85.8	81.5	0	110.4	26.47	2.974	0.003	12.08
7/11/2012 10:00	25973	8.78	38.65	13.26	15.31	5.208	35.21	17.61	13.52	80.8	71.37	79.08	74.98	0	260.2	26.49	2.974	0	15.28
7/11/2012 11:00	25974	10.24	48.16	13.39	17.1	6.092	43.14	19.78	11.74	85.2	75.76	70.54	66.32	0	555	26.52	2.973	-0.001	12.12
7/11/2012 12:00	25975	10.59	55.73	17.58	18.89	6.384	49.62	23.4	15.31	87.5	78.29	66.39	62.44	0	508.2	26.54	2.97	-0.003	12.01
7/11/2012 13:00	25976	11.44	56.33	17.73	18.89	6.879	53.23	21.94	15.31	86.8	77.32	64.61	61.73	0	229.7	26.53	2.964	-0.006	15.91
7/11/2012 14:00	25977	12.67	66.9	16.26	24.26	7.983	62.58	23.67	17.1	90	81.6	56.49	53.53	0	726.3	26.52	2.951	-0.013	16.65
7/11/2012 15:00	25978	12.24	70.61	19.92	20.68	7.899	66.67	26.66	17.1	92.2	84.7	50.19	47.39	0	933	26.52	2.941	-0.01	12.14
7/11/2012 16:00	25979	10.49	71.76	20.76	20.68	6.674	67.77	28.15	13.52	92.5	84.4	47.89	45.75	0	615	26.51	2.922	-0.019	11.95
7/11/2012 17:00	25980	7.877	127.3	52.63	17.1	5.162	128.6	57.34	15.31	93.6	85.3	51.2	48.73	0	517.1	26.49	2.912	-0.01	15.43
7/11/2012 18:00	25981	9.22	97.1	36.52	18.89	5.927	96	42.9	13.52	94.2	85.5	46.59	44.75	0	421.5	26.47	2.9	-0.013	12.66
7/11/2012 19:00	25982	8.61	77.17	19.59	15.31	5.53	73.62	26.28	11.74	95.2	85.3	43.25	42.28	0	300.2	26.45	2.887	-0.013	16
7/11/2012 20:00	25983	10.73	72.97	14.27	18.89	6.582	68.97	22.25	13.52	95	85	42.61	41.82	0	216.9	26.45	2.872	-0.016	11.95
7/11/2012 21:00	25984	8.65	66.38	9.41	13.52	5.198	63.81	17.54	9.95	93.6	82.5	44.86	44.59	0	47.68	26.45	2.862	-0.009	11.92
7/11/2012 22:00	25985	7.123	74.19	8.6	9.95	3.863	68.86	17.82	6.368	89.9	78.08	55.7	55.67	0	0.412	26.44	2.856	-0.006	15.79
7/11/2012 23:00	25986	7.426	68.91	5.446	9.95	3.937	65.29	16.54	6.368	87.7	75.56	61.74	61.79	0	0.031	26.45	2.853	-0.003	16.01
7/12/2012 0:00	25987	7.499	70.23	6.269	9.95	4.051	63.69	16.17	6.368	86.2	73.96	64.43	64.56	0	0.024	26.45	2.85	-0.003	11.98
7/12/2012 1:00	25988	6.24	61.56	6.438	13.52	3.118	60.81	13.63	8.16	85.8	73.01	64.93	66.41	0	0.033	26.45	2.847	-0.003	12.69
7/12/2012 2:00	25989	5.168	46.69	9.78	8.16	2.547	46.49	14.43	4.578	85	72.38	66.51	67.1	0	0.023	26.44	2.847	0	11.88
7/12/2012 3:00	25990	5.626	49.79	7.474	8.16	2.807	49.41	13.25	6.368	84.7	72.03	67.12	67.35	0	0.035	26.43	2.847	0	15.76
7/12/2012 4:00	25991	6.688	64.36	6.834	9.95	3.559	63.74	15.8	6.368	83	70.53	71.32	71	0	0.029	26.42	2.847	0	15.66
7/12/2012 5:00	25992	6.097	56.84	7.018	8.16	3.027	58.53	14.69	6.368	82.3	69.51	72.86	73.23	0	0.026	26.42	2.844	-0.003	11.95
7/12/2012 6:00	25993	5.256	54.97	7.997	8.16	2.424	57.46	16.23	4.578	81.8	68.87	73.45	74.07	0	0.022	26.41	2.844	0	12.14
7/12/2012 7:00	25994	5.634	33.38	10.84	9.95	2.578	36.4	13.67	6.368	80.6	68.3	76.93	75.2	0	1.09	26.42	2.841	-0.003	16.09
7/12/2012 8:00	25995	5.201	36	8.78	8.16	2.463	37.02	12.13	6.368	80.7	68.58	78.84	75.85	0	63.75	26.42	2.844	0.003	12.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/12/2012 9:00	25996	3.843	37.29	9.72	8.16	2.059	33.84	12.42	4.578	85.9	74.05	71.33	67.95	0	243.6	26.44	2.84	-0.004	12.61
7/12/2012 10:00	25997	3.534	223.7	39.62	8.16	2.559	223.8	30.92	6.368	91.5	80.5	61.97	58.51	0	452	26.49	2.843	0.003	15.72
7/12/2012 11:00	25998	4.229	212.1	41.23	8.16	3.198	221.7	38.71	8.16	94.1	83.2	55.15	52.74	0	647	26.51	2.84	-0.003	13.98
7/12/2012 12:00	25999	3.776	212.3	38.62	9.95	2.969	220.3	33.45	8.16	96.1	84.3	47.91	46.82	0	557.4	26.53	2.836	-0.003	12.1
7/12/2012 13:00	26000	4.966	195.8	33.37	11.74	3.534	202.4	30.2	8.16	97.1	85.9	44.43	43.28	0	511	26.54	2.83	-0.006	12.22
7/12/2012 14:00	26001	6.072	220.9	73.68	13.52	4.729	225.5	68.04	11.74	98.8	87.2	40.81	39.89	0	646.9	26.53	2.817	-0.013	12.06
7/12/2012 15:00	26002	7.767	69.87	40.84	17.1	4.923	61.64	45.93	11.74	101.2	90	28.94	28.79	0	793.9	26.52	2.786	-0.032	15.52
7/12/2012 16:00	26003	8.41	45.28	32.09	17.1	5.606	37.61	35.69	15.31	103.1	91.7	22.17	22.33	0	903	26.51	2.763	-0.022	12.24
7/12/2012 17:00	26004	9.02	72.63	22.9	18.89	5.946	69.02	30.9	13.52	103.5	92.7	19.99	20.25	0	781.9	26.5	2.735	-0.029	16.43
7/12/2012 18:00	26005	8.56	58.12	26.77	20.68	5.625	51.81	31.84	13.52	103.4	92.6	20.39	20.58	0	686.4	26.48	2.719	-0.016	15.91
7/12/2012 19:00	26006	9.33	89	22.5	18.89	5.989	87.5	30.21	13.52	102.1	91.5	24.58	24.58	0	445.1	26.46	2.694	-0.025	12.99
7/12/2012 20:00	26007	9.46	84.3	21.47	22.47	6.074	80.9	28.97	17.1	101.2	89.7	24.5	25.22	0	248.8	26.45	2.672	-0.022	11.95
7/12/2012 21:00	26008	8.86	126.1	10.88	17.1	4.897	129.4	19.79	13.52	97.5	86.1	29.78	31.14	0	62.95	26.44	2.659	-0.013	11.87
7/12/2012 22:00	26009	6.566	88.3	10.41	9.95	2.938	82	16.43	6.368	93.2	79.81	31.29	35.81	0	0.459	26.42	2.653	-0.006	16.56
7/12/2012 23:00	26010	6.415	83	11.71	8.16	3.15	72.1	15.89	4.578	90.5	76.96	37.36	41.79	0	0.021	26.43	2.65	-0.003	15.56
7/13/2012 0:00	26011	6.878	86.7	5.045	9.95	2.944	72.17	14.03	4.578	90.1	76.09	38.31	44.31	0	0.026	26.43	2.644	-0.006	12.05
7/13/2012 1:00	26012	5.346	79.81	9.54	13.52	2.418	66.86	17.82	8.16	88.1	74.04	41.4	48.57	0	0.027	26.43	2.641	-0.003	11.93
7/13/2012 2:00	26013	5.866	62.64	6.432	8.16	2.983	59.96	11.45	4.578	86.7	72.97	43.3	49.41	0	0.026	26.43	2.638	-0.003	12.13
7/13/2012 3:00	26014	5.447	45.54	6.898	8.16	2.459	42.54	13.88	4.578	84.4	72.12	48.65	51.21	0	0.028	26.43	2.635	-0.003	11.78
7/13/2012 4:00	26015	6.373	61.09	8.03	9.95	3.082	59.46	14.75	6.368	83.6	70.92	50.23	53.47	0	0.032	26.42	2.635	0	16.38
7/13/2012 5:00	26016	6.53	82.4	9.3	9.95	3.029	69.88	15.52	6.368	82.2	69.44	53.63	56.89	0	0.021	26.41	2.629	-0.006	11.7
7/13/2012 6:00	26017	6.118	80.4	8.19	9.95	3.08	66.28	14.54	6.368	81.4	68.77	55.68	58.14	0	0.02	26.41	2.625	-0.003	12.13
7/13/2012 7:00	26018	6.021	76.01	6.963	8.16	3.23	65.84	13.96	6.368	80.2	67.77	61.16	62.44	0	1.34	26.42	2.625	0	12.67
7/13/2012 8:00	26019	4.097	81	12.65	8.16	1.334	69.83	10.46	4.578	82.3	69.68	61.38	63.08	0	67.42	26.43	2.625	0	11.74
7/13/2012 9:00	26020	3.091	167.4	35.11	6.368	1.669	186.5	28.47	4.578	88.4	77.84	56.78	54.96	0	251	26.46	2.625	-0.001	11.86
7/13/2012 10:00	26021	3.547	224.8	19.94	8.16	2.572	226.4	18.52	6.368	92.4	82.9	49.14	47.31	0	460.5	26.5	2.624	0	11.98
7/13/2012 11:00	26022	6.815	223.4	17.97	13.52	5.365	223	20.79	11.74	95.1	85.6	42.35	41.18	0	654.3	26.53	2.621	-0.003	11.97
7/13/2012 12:00	26023	6.031	188.2	59.29	17.1	4.317	196.1	56.46	11.74	98.6	89.5	34.78	33.96	0	782	26.55	2.615	-0.006	15.2
7/13/2012 13:00	26024	5.664	226.4	91.2	17.1	4.18	235.5	86.1	11.74	98.8	89.5	32.07	31.6	0	638.8	26.56	2.608	-0.006	11.97
7/13/2012 14:00	26025	8.24	102.8	54.15	20.68	5.612	99.9	59.46	15.31	100.5	92.3	25.54	25.45	0	792.1	26.55	2.596	-0.013	11.89
7/13/2012 15:00	26026	10.6	84.5	28.62	24.26	6.793	80.7	35.88	15.31	101.2	94.6	20.51	20.43	0	946	26.54	2.567	-0.029	14.21
7/13/2012 16:00	26027	7.462	78.63	31.96	20.68	5.022	73.66	38.97	13.52	102.2	95.8	16.43	16.91	0	885	26.53	2.538	-0.029	12.02
7/13/2012 17:00	26028	8.71	93.5	33.86	18.89	5.831	93.3	44.11	13.52	100.8	94.7	18.41	18.91	0	719.6	26.51	2.51	-0.029	16.12
7/13/2012 18:00	26029	8.99	92.5	35.39	18.89	5.919	92.8	44.22	13.52	100.7	95.2	17.78	18.27	0	602.8	26.48	2.481	-0.029	11.93
7/13/2012 19:00	26030	7.669	94.6	29.05	18.89	5.059	94	35.27	15.31	99.3	93.7	20.23	20.72	0	420.3	26.47	2.459	-0.022	12.1
7/13/2012 20:00	26031	8.79	93.1	20.43	18.89	5.518	91.9	29.43	13.52	97.9	91.7	22.36	23.24	0	235.1	26.45	2.44	-0.019	11.99
7/13/2012 21:00	26032	6.873	84.6	15.23	13.52	3.815	80.7	20.78	9.95	95.2	88.6	24.21	25.89	0	57.31	26.45	2.431	-0.009	11.89
7/13/2012 22:00	26033	6.449	80.6	10.49	9.95	3.014	75.41	17.38	6.368	90.1	82.3	30.58	33.53	0	0.506	26.44	2.425	-0.006	11.98
7/13/2012 23:00	26034	6.768	96.5	6.491	9.95	3.088	87.6	12.8	4.578	87.1	78.1	34.42	39.32	0	0.017	26.44	2.415	-0.009	11.79
7/14/2012 0:00	26035	7.25	94	7.255	9.95	3.333	86.9	13.9	6.368	85.3	76.51	36.57	41.26	0	0.024	26.44	2.412	-0.003	15.64
7/14/2012 1:00	26036	8.09	90.7	5.112	17.1	3.922	88.9	14.65	6.368	83.9	75.99	38	41.28	0	0.033	26.44	2.409	-0.003	12.01
7/14/2012 2:00	26037	7.985	94	6.35	11.74	4.133	88.4	16.1	6.368	81.6	74.16	40.46	43.14	0	0.032	26.43	2.403	-0.006	12.26
7/14/2012 3:00	26038	7.514	109.3	12.03	9.95	3.749	104.8	21.82	6.368	79.35	72.41	45.8	47.26	0	0.026	26.42	2.403	0	16.16
7/14/2012 4:00	26039	4.347	112.7	20.53	8.16	1.365	90.7	23.06	4.578	77.66	70.46	54.75	55.83	0	0.017	26.41	2.4	-0.003	16.01
7/14/2012 5:00	26040	3.368	122.5	15.2	6.368	0.606	77.01	9.7	2.789	77.32	69.96	60.3	60.93	0	0.016	26.39	2.4	0	15.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/14/2012 6:00	26041	3.984	127.7	12.43	8.16	0.85	97.7	12.63	4.578	77.14	69.28	63.72	65.05	0	0.018	26.39	2.4	0	11.95
7/14/2012 7:00	26042	4.515	133.3	16.29	6.368	0.875	94.1	15.59	4.578	76.84	68.7	66.32	68.17	0	0.78	26.4	2.397	-0.003	11.87
7/14/2012 8:00	26043	4.025	83.2	30.91	8.16	1.2	65.45	17.52	4.578	77.45	69.89	66.14	67.24	0	59.88	26.42	2.4	0.003	16.25
7/14/2012 9:00	26044	7.32	140.5	30.5	15.31	4.536	144.7	38.64	11.74	82.4	76.72	58.5	56.63	0	254.4	26.46	2.4	-0.001	12.11
7/14/2012 10:00	26045	10.23	167.6	11.96	15.31	6.433	171.2	19.8	13.52	86.2	81.8	51.83	49.4	0	460.3	26.51	2.393	-0.006	16.14
7/14/2012 11:00	26046	9	176.5	17.74	17.1	6.059	178.9	22.93	15.31	89.1	85.1	48.47	46	0	632.7	26.54	2.39	-0.003	11.86
7/14/2012 12:00	26047	7.174	174.4	31.48	13.52	4.957	177.4	37.39	11.74	93	89	41.02	39.35	0	824	26.56	2.38	-0.01	16.64
7/14/2012 13:00	26048	6.151	149.7	44.6	17.1	4.419	153.9	51.49	15.31	96.3	92.7	31.46	30.98	0	873	26.56	2.367	-0.013	14.9
7/14/2012 14:00	26049	8.84	155.8	26.24	20.68	5.812	159.9	34.25	13.52	94.5	91	31.85	31.12	0	523.3	26.55	2.345	-0.022	12
7/14/2012 15:00	26050	7.535	146.5	43.87	18.89	5.241	151.5	48.56	13.52	97	94.3	27.79	27.29	0	838	26.53	2.326	-0.019	15.36
7/14/2012 16:00	26051	9.89	126.5	27.77	27.84	6.494	129.7	36.77	18.89	96.9	94.6	22.21	22.34	0	646.1	26.52	2.31	-0.016	15.01
7/14/2012 17:00	26052	9.06	83.1	36.69	20.68	5.861	79.98	44.12	15.31	96.4	93.8	20.36	20.89	0	477.7	26.5	2.282	-0.029	13.97
7/14/2012 18:00	26053	9.34	106.7	33.15	18.89	6.132	104.2	41.41	13.52	97.2	95.3	19.15	19.7	0	647.7	26.48	2.247	-0.035	11.87
7/14/2012 19:00	26054	9.71	103.8	23.08	24.26	6.175	103.6	30.99	15.31	95.8	94.2	21.51	21.86	0	346.2	26.47	2.209	-0.038	12.08
7/14/2012 20:00	26055	7.873	100.3	20.4	15.31	4.791	100.5	28.82	11.74	94.1	91.2	21.33	22.62	0	149	26.46	2.196	-0.013	11.93
7/14/2012 21:00	26056	9.46	100.6	12.12	17.1	5.891	99.2	21.7	13.52	92.4	89.9	23.37	24.27	0	64.62	26.45	2.187	-0.009	11.96
7/14/2012 22:00	26057	7.473	93.1	7.114	11.74	3.789	90.8	16.28	6.368	86.6	82.8	29.51	31.55	0	0.504	26.45	2.181	-0.006	13.81
7/14/2012 23:00	26058	8.45	88.9	8.42	13.52	4.483	86.4	17.46	8.16	83.2	79.63	32.65	34.44	0	0.022	26.45	2.178	-0.003	12.1
7/15/2012 0:00	26059	8.08	101.3	7.811	13.52	4.291	95.1	17.13	8.16	80.5	76.73	32.78	35.03	0	0.026	26.45	2.171	-0.006	12.02
7/15/2012 1:00	26060	11.93	114.1	9.06	18.89	6.616	114.1	20.83	13.52	80.7	77.77	33.55	34.37	0	0.033	26.45	2.165	-0.006	11.96
7/15/2012 2:00	26061	13.24	130.1	8.52	22.47	7.506	131.2	19	18.89	80.7	78.06	41.21	41.37	0	0.038	26.45	2.162	-0.003	12.11
7/15/2012 3:00	26062	9.14	123.1	11.22	15.31	4.689	121.1	22.41	9.95	78.28	75.44	48.11	48.54	0	0.027	26.44	2.159	-0.003	15.61
7/15/2012 4:00	26063	7.076	115.8	8.56	9.95	3.209	109.7	18.25	6.368	74.96	71.6	53.25	54.36	0	0.02	26.43	2.156	-0.003	11.91
7/15/2012 5:00	26064	2.77	121.5	14.42	6.368	0.528	92.3	6.757	4.578	72.32	68.94	59.06	60.05	0	0.013	26.42	2.153	-0.003	11.81
7/15/2012 6:00	26065	4.525	147.3	12.41	6.368	0.929	109.7	10.84	2.789	72.29	67.96	61.72	63.7	0	0.012	26.41	2.156	0.003	12.05
7/15/2012 7:00	26066	4.261	148.5	12.87	6.368	0.716	87.4	6.962	4.578	71.48	67.04	65.81	67.81	0	0.94	26.42	2.156	0	12.15
7/15/2012 8:00	26067	3.529	159.7	12.91	6.368	0.281	168.7	8.41	4.578	72.27	68.92	68.13	68.15	0	70.6	26.42	2.153	-0.003	15.49
7/15/2012 9:00	26068	6.136	194.8	12.33	9.95	4.229	197.3	17.24	8.16	76.5	75.28	64.89	61.83	0	257.8	26.46	2.156	0.003	12.09
7/15/2012 10:00	26069	8.72	184.6	15.13	13.52	5.918	188.1	20.05	9.95	80.6	80.1	56.15	53.27	0	467.2	26.5	2.155	0	12.1
7/15/2012 11:00	26070	8.49	195.4	16.01	15.31	6.018	197	20.51	11.74	84.4	84.2	47.47	45.12	0	657.8	26.52	2.152	-0.003	12.07
7/15/2012 12:00	26071	7.298	185.6	26.11	15.31	5.198	190.1	31.21	11.74	88.2	88.1	39.7	38.13	0	829	26.54	2.149	-0.003	12.12
7/15/2012 13:00	26072	7.742	158.9	33.34	17.1	5.376	162.5	39.36	13.52	90.9	91.5	29.47	28.8	0	956	26.55	2.126	-0.022	15.8
7/15/2012 14:00	26073	9.38	166.4	30.75	18.89	6.429	170.7	37.95	17.1	92	92.9	28.24	27.27	0	965	26.53	2.107	-0.019	12.09
7/15/2012 15:00	26074	9.85	181	34.43	20.68	6.812	185.5	37.69	15.31	92.4	93	25.33	24.75	0	801	26.51	2.066	-0.041	11.96
7/15/2012 16:00	26075	11.85	173.2	26.4	24.26	7.873	177.4	31.88	18.89	93.1	94.4	22.67	22.1	0	868	26.49	2.038	-0.029	11.87
7/15/2012 17:00	26076	9.96	163.9	23.98	20.68	6.721	167.4	31.16	15.31	93.3	94.6	22.52	22.1	0	754.5	26.47	2.003	-0.035	11.91
7/15/2012 18:00	26077	8.16	168.3	37.58	17.1	5.508	174	41.04	11.74	93	93.7	22.04	22.14	0	490.5	26.45	1.968	-0.035	11.87
7/15/2012 19:00	26078	6.742	162.6	27.84	13.52	4.528	171	32.1	9.95	93	93.4	21.48	21.9	0	456	26.43	1.955	-0.013	16.48
7/15/2012 20:00	26079	6.042	137.5	36.62	13.52	4.027	140.4	43.73	9.95	93.1	92.9	21.07	22.02	0	328.3	26.43	1.936	-0.019	12.56
7/15/2012 21:00	26080	6.563	141.6	25.51	11.74	3.62	144.2	29.69	8.16	90.6	90	22.43	23.78	0	89.4	26.42	1.927	-0.01	11.93
7/15/2012 22:00	26081	5.738	101.6	14.59	9.95	2.357	94.7	19.63	6.368	86.3	83.6	24.45	27.84	0	0.593	26.4	1.921	-0.006	16.24
7/15/2012 23:00	26082	7.95	89.5	6.921	11.74	4.027	86.4	16.3	6.368	83.7	81.8	27.23	29.3	0	0.02	26.39	1.914	-0.006	11.83
7/16/2012 0:00	26083	12.8	114	15.55	20.68	7.364	114	24.6	17.1	80.8	79.86	38.38	38.41	0	0.03	26.4	1.908	-0.006	16.58
7/16/2012 1:00	26084	11.28	132.9	8.95	20.68	6.42	134.9	18.98	11.74	77.43	76.62	50.76	50.23	0	0.026	26.4	1.905	-0.003	12.09
7/16/2012 2:00	26085	8.07	158.1	12.31	15.31	4.057	158.1	18.15	9.95	75.19	74.24	52.94	52.72	0	0.026	26.39	1.899	-0.006	16.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/16/2012 3:00	26086	7.084	160.5	7.075	11.74	2.932	161.6	14.18	6.368	72.49	70.84	59.84	60.49	0	0.021	26.37	1.899	0	12.12
7/16/2012 4:00	26087	6.247	187.4	10.05	9.95	3.024	189.5	15.4	6.368	70.95	69.91	64.29	63.8	0	0.019	26.35	1.899	0	12.1
7/16/2012 5:00	26088	5.25	160.2	11.76	8.16	1.492	150.5	15.01	6.368	68.49	66.7	68.74	69.66	0	0.014	26.33	1.899	0	16.06
7/16/2012 6:00	26089	5.767	151.1	10.18	9.95	2.212	146.8	17.11	6.368	67.46	66.13	71.63	71.4	0	0.011	26.32	1.899	0	13.26
7/16/2012 7:00	26090	6.58	144.5	12.97	9.95	3.183	143.2	20.81	6.368	66.63	65.51	76.46	75.33	0	0.755	26.31	1.896	-0.003	16.24
7/16/2012 8:00	26091	3.383	206.2	18	6.368	1.192	214.2	14.01	4.578	67.68	67.15	76.99	74.53	0	63.42	26.33	1.896	0	11.64
7/16/2012 9:00	26092	7.869	179.3	12.15	13.52	5.192	183.3	18.15	9.95	70.72	71.57	72.76	68.73	0	230.1	26.36	1.896	0	11.68
7/16/2012 10:00	26093	7.659	183.7	13.49	11.74	5.247	187.7	19.59	9.95	74.87	76.02	65.6	61.88	0	332.9	26.4	1.895	-0.001	11.87
7/16/2012 11:00	26094	7.856	169.5	15.2	11.74	5.089	173.4	21.22	9.95	78.55	79.84	57.97	54.98	0	374	26.42	1.895	0	11.9
7/16/2012 12:00	26095	5.922	178.1	26.79	9.95	4.094	181	30.68	8.16	82.4	83.3	50.32	48.4	0	429.5	26.44	1.892	-0.003	11.91
7/16/2012 13:00	26096	6.526	203.7	23.61	13.52	4.863	207.2	25.28	9.95	86.7	87.6	40.65	39.45	0	660.4	26.45	1.889	-0.003	11.89
7/16/2012 14:00	26097	9.09	178.8	24.01	18.89	6.336	181.3	30.93	13.52	90.4	92.4	31.78	30.55	0	963	26.45	1.876	-0.013	12.06
7/16/2012 15:00	26098	10.18	177.3	33.16	22.47	6.932	180.9	36.55	15.31	92	94.3	25.5	24.61	0	794.4	26.44	1.851	-0.025	12.08
7/16/2012 16:00	26099	9.57	187.9	28.43	18.89	6.801	189.8	33.65	15.31	92.7	94.6	23.46	23.01	0	879	26.41	1.835	-0.016	11.79
7/16/2012 17:00	26100	11.19	199.4	36.91	22.47	8.05	202.6	37.55	17.1	94.3	96.4	20.7	20.09	0	1029	26.4	1.816	-0.019	12.1
7/16/2012 18:00	26101	15.19	149.1	33.71	31.42	9.56	151.4	37.18	26.05	92.3	94.7	24.72	23.79	0	678.7	26.39	1.806	-0.01	12.03
7/16/2012 19:00	26102	24.19	114.5	9.42	36.78	14.08	115.1	21.15	26.05	84.9	86.7	36.03	34.19	0	464.1	26.37	1.794	-0.013	16.18
7/16/2012 20:00	26103	23.02	125.5	9.79	34.99	13.18	127.9	20.44	24.26	79.51	80.5	44.13	42.33	0	251.3	26.35	1.791	-0.003	15.92
7/16/2012 21:00	26104	17.09	130.5	8.88	27.84	9.92	133.6	18.83	20.68	77.92	78.21	43.84	42.72	0	47.3	26.33	1.785	-0.006	12.85
7/16/2012 22:00	26105	14.62	135.9	8.88	26.05	8.59	140	17.99	17.1	76.15	76.09	45.64	44.66	0	0.369	26.32	1.782	-0.003	12.07
7/16/2012 23:00	26106	11.6	130.7	9.19	18.89	6.829	133.5	18.93	13.52	76.43	76.23	44.16	43.46	0	0.033	26.33	1.782	0	11.72
7/17/2012 0:00	26107	10.61	133.9	8.55	17.1	6.133	136.9	18.54	11.74	76.57	76.29	45.72	45.06	0	0.038	26.34	1.779	-0.003	15.19
7/17/2012 1:00	26108	12.18	136.2	9.47	18.89	7.135	139.4	18.87	15.31	77.18	76.96	44.97	44.3	0	0.037	26.36	1.778	0	11.71
7/17/2012 2:00	26109	8.88	119	14.03	17.1	5.087	120.3	24.3	9.95	75.35	75.17	50.1	49.19	0	0.037	26.36	1.779	0	12.1
7/17/2012 3:00	26110	9.15	206.2	19.07	22.47	5.756	212.2	21.13	18.89	73.52	73	59.02	59.92	0	0.024	26.37	1.779	0	12.12
7/17/2012 4:00	26111	9.85	226.4	14.08	20.68	7.223	225.6	16.72	15.31	71.55	71.6	66.4	64.17	0	0.043	26.36	1.776	-0.003	11.78
7/17/2012 5:00	26112	12.6	211.4	21.34	26.05	8.63	211.4	22.59	18.89	69.78	69.9	71.38	68.43	0	0.039	26.34	1.776	0	12.11
7/17/2012 6:00	26113	12.28	171.6	17.03	26.05	7.22	174.2	22.5	18.89	68.01	67.96	71.55	68.87	0	0.028	26.3	1.776	0	11.93
7/17/2012 7:00	26114	5.857	168.3	10.61	11.74	2.858	170.3	17.98	8.16	67.02	66.59	74.72	72.56	0	0.944	26.29	1.776	0	15.72
7/17/2012 8:00	26115	3.843	205.3	20.44	8.16	1.4	213.8	19.06	6.368	67.09	66.59	76.72	74.58	0	55.27	26.3	1.772	-0.003	12.96
7/17/2012 9:00	26116	8.4	178.6	13.09	18.89	5.342	181.7	19.28	13.52	71.94	73.04	68.96	65	0	245.3	26.34	1.772	0	12.37
7/17/2012 10:00	26117	12.97	175.6	11.89	20.68	8.07	178.9	19.05	15.31	75.35	76.9	63.13	59.16	0	415.1	26.38	1.775	0.003	12.08
7/17/2012 11:00	26118	12.48	186.4	14.93	20.68	8.16	189.3	19.85	15.31	79.22	81.4	56.21	51.95	0	642.5	26.4	1.772	-0.003	16.17
7/17/2012 12:00	26119	13.13	195.1	13.63	20.68	8.76	197.5	18.99	17.1	82.2	84.6	51.31	47.31	0	809	26.42	1.772	0	12.1
7/17/2012 13:00	26120	12.39	198	16.71	24.26	8.5	200.7	21.04	18.89	85.4	88	44.05	40.67	0	927	26.43	1.768	-0.003	11.66
7/17/2012 14:00	26121	11.09	187.2	19.52	20.68	7.57	190.9	25.49	17.1	88.3	91	37.74	34.98	0	982	26.44	1.765	-0.003	11.98
7/17/2012 15:00	26122	11.61	193.9	17.48	24.26	7.985	197.5	22.47	17.1	90.4	93	32.8	30.47	0	996	26.42	1.759	-0.006	11.9
7/17/2012 16:00	26123	10.53	162.8	41.01	33.21	7.258	164.3	46.98	27.84	92.1	94.6	28.9	27.3	0	872	26.41	1.753	-0.006	13.71
7/17/2012 17:00	26124	9.02	154.4	29.07	18.89	5.963	156	37.25	15.31	92.9	95.3	27.72	26.43	0	810	26.39	1.753	0	11.88
7/17/2012 18:00	26125	9.56	160.2	28.83	18.89	6.349	165.6	34.98	13.52	93.2	95.4	27.04	25.9	0	678.7	26.37	1.746	-0.006	12.01
7/17/2012 19:00	26126	9.07	142.3	20.94	17.1	5.852	146.2	27.27	13.52	91.5	92.7	27.29	26.82	0	251.3	26.36	1.743	-0.003	13.19
7/17/2012 20:00	26127	11.42	147.9	10.32	18.89	6.737	152.1	17.99	13.52	90.1	90.8	29.8	29.36	0	160.5	26.35	1.743	0	12.08
7/17/2012 21:00	26128	11.1	146.8	9.45	17.1	6.627	150.5	17.1	13.52	88.8	89	31.85	31.63	0	60.99	26.35	1.74	-0.003	16.01
7/17/2012 22:00	26129	9.02	137.6	7.297	13.52	4.863	139.9	17.36	9.95	84.7	83.9	36.03	36.4	0	0.395	26.35	1.74	0	11.79
7/17/2012 23:00	26130	7.909	140.3	7.567	13.52	4.104	142	16.74	9.95	81.7	80.7	39.44	39.94	0	0.024	26.35	1.74	0	15.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/18/2012 0:00	26131	8.63	151.8	8.6	13.52	4.308	152.2	16.96	8.16	78.92	77.96	44.59	44.89	0	0.023	26.36	1.74	0	16.06
7/18/2012 1:00	26132	10	161	7.764	20.68	5.451	162.6	16.51	13.52	79.04	78.4	49.16	48.62	0	0.042	26.37	1.737	-0.003	16.1
7/18/2012 2:00	26133	10.97	162.5	8.58	17.1	6.095	164.6	17.22	11.74	77.93	77.41	52.29	51.36	0	0.039	26.38	1.74	0.003	12.31
7/18/2012 3:00	26134	12.07	164.3	8.43	18.89	6.752	166.5	17.69	13.52	76.85	76.43	54.6	53.38	0	0.034	26.37	1.737	-0.003	16.21
7/18/2012 4:00	26135	10.49	161.6	8.44	17.1	5.797	163.8	17.31	11.74	75.45	74.96	56.34	55.16	0	0.035	26.36	1.737	0	16.23
7/18/2012 5:00	26136	9.87	157.9	8.01	15.31	5.352	159.3	16.66	11.74	74.31	73.72	57.98	56.85	0	0.037	26.36	1.737	0	15.96
7/18/2012 6:00	26137	8.67	160.2	9.04	13.52	4.646	161.8	17.5	8.16	73.01	72.3	59.6	58.63	0	0.032	26.37	1.738	0	12.13
7/18/2012 7:00	26138	7.287	157.1	11.22	11.74	3.517	157.4	19.07	8.16	71.33	70.39	62.21	61.59	0	0.637	26.38	1.734	-0.003	12.3
7/18/2012 8:00	26139	8.32	140	9.54	13.52	4.741	142.4	18.52	9.95	70.7	70.39	65.09	63.26	0	59.49	26.38	1.738	0.003	15.1
7/18/2012 9:00	26140	10.65	156.8	10.24	18.89	6.266	159.1	19.23	13.52	73.09	74.32	68.62	64.37	0	238	26.41	1.737	0	15.96
7/18/2012 10:00	26141	14.3	159.2	11.57	20.68	8.61	162.2	19.4	15.31	76.1	77.97	64.5	59.86	0	437.9	26.45	1.737	0	11.63
7/18/2012 11:00	26142	12.4	158.8	17.3	20.68	7.862	162.1	22.65	17.1	79.18	81.7	58.44	53.66	0	642.4	26.47	1.737	0	14.57
7/18/2012 12:00	26143	12.26	147.6	16.93	22.47	7.651	151.4	24.02	15.31	82.7	85.7	50.35	46.2	0	819	26.49	1.734	-0.003	15.03
7/18/2012 13:00	26144	11.7	153.7	17.11	20.68	7.489	158.2	23.85	17.1	85.4	88.5	44.61	41.03	0	935	26.51	1.737	0.003	16.1
7/18/2012 14:00	26145	14.3	146.8	16.32	26.05	9.06	151	24.24	20.68	87.9	91.3	37.68	34.57	0	1001	26.51	1.734	-0.003	15.82
7/18/2012 15:00	26146	14.84	153.9	20.31	27.84	9.33	157.2	26.94	18.89	89.9	93.3	32.7	29.97	0	1010	26.5	1.73	-0.003	11.85
7/18/2012 16:00	26147	13.65	156	17.36	27.84	8.7	160.1	24.13	18.89	91.8	95.1	26.92	24.99	0	964	26.49	1.73	0	16.21
7/18/2012 17:00	26148	13.3	146.3	21.87	26.05	8.35	149.5	28.45	20.68	92.3	95.3	26.7	24.98	0	799.1	26.47	1.73	0	12.04
7/18/2012 18:00	26149	13.45	145.1	17.04	24.26	8.25	149	24.7	17.1	92.5	95.1	24.72	23.44	0	672.2	26.44	1.73	0	11.98
7/18/2012 19:00	26150	14.62	146.4	16.62	26.05	8.87	150.5	23.59	20.68	92	94	21.99	21.33	0	467	26.43	1.727	-0.003	11.87
7/18/2012 20:00	26151	13.45	147	11.55	22.47	8.01	152	18.88	17.1	91.1	91.9	22.3	22.3	0	257.1	26.42	1.727	0	12.06
7/18/2012 21:00	26152	12.11	143.8	9.27	22.47	6.941	148.1	18.06	13.52	88.7	88.8	27.27	27.17	0	64.32	26.42	1.724	-0.003	13.42
7/18/2012 22:00	26153	10.66	151	8	17.1	5.874	153.6	16.44	11.74	84.6	84.1	34.53	34.35	0	0.257	26.44	1.721	-0.003	15.3
7/18/2012 23:00	26154	8.69	143.3	8.25	20.68	4.489	145.7	16.22	11.74	81	80.1	38.32	38.62	0	0.019	26.45	1.721	0	16
7/19/2012 0:00	26155	12.71	168.2	9.06	22.47	7.233	170.8	17.66	15.31	79	78.69	50.72	49.36	0	0.029	26.46	1.721	0	11.86
7/19/2012 1:00	26156	10.14	173.3	8.28	20.68	5.626	175.2	17.03	11.74	76.81	76.43	54.73	53.41	0	0.035	26.47	1.721	0	14.43
7/19/2012 2:00	26157	7.794	179.7	8.54	15.31	4.09	180.1	16.36	9.95	74.68	74.04	58.95	57.73	0	0.023	26.47	1.722	0	16.03
7/19/2012 3:00	26158	6.434	177.3	7.629	9.95	2.836	177.3	14.13	6.368	73.06	72.04	63.68	62.87	0	0.031	26.48	1.722	0	11.74
7/19/2012 4:00	26159	7.648	178.7	9.11	15.31	4.005	179.3	16.36	9.95	71.49	70.86	69.26	67.45	0	0.02	26.47	1.722	0	11.74
7/19/2012 5:00	26160	5.374	155.3	22.75	8.16	2.032	151.9	27.28	4.578	69.29	68.29	75.12	73.62	0	0.025	26.46	1.722	0	11.89
7/19/2012 6:00	26161	6.45	149.6	12.77	11.74	2.901	148.7	18.59	8.16	67.17	66.37	77.62	75.89	0	0.014	26.45	1.725	0.003	15.62
7/19/2012 7:00	26162	2.311	152.1	17.33	9.95	0.605	147.5	8.85	6.368	66.07	65.1	77.86	76.59	0	0.815	26.45	1.725	0	15.7
7/19/2012 8:00	26163	3.793	86	33.34	6.368	1.76	85	29.31	6.368	67.58	66.55	74.01	73.26	0	61.22	26.46	1.722	-0.003	12.25
7/19/2012 9:00	26164	5.98	139.2	19.59	11.74	3.908	143.5	26.59	9.95	70.79	72.11	67.32	63.46	0	243.7	26.5	1.725	0.003	16.36
7/19/2012 10:00	26165	9.81	152.1	14.68	17.1	6.053	156	22.27	13.52	74.04	76.26	60.41	55.94	0	453.7	26.54	1.721	-0.004	11.69
7/19/2012 11:00	26166	12.37	160.9	13.89	20.68	7.751	164.1	21	15.31	77.16	79.69	54.53	50.09	0	643	26.56	1.721	0	11.76
7/19/2012 12:00	26167	12.23	168.8	18.56	24.26	7.98	172.8	23.91	15.31	80.9	83.6	47.35	43.56	0	814	26.59	1.724	0.003	12.46
7/19/2012 13:00	26168	11.56	145.4	17.02	22.47	7.474	148.8	26.12	18.89	83.7	86.8	42.22	38.77	0	938	26.6	1.721	-0.003	11.72
7/19/2012 14:00	26169	15.7	149	15.04	26.05	9.78	152.7	22.29	18.89	85.3	88.8	38.32	34.79	0	1019	26.6	1.721	0	11.87
7/19/2012 15:00	26170	14.97	154.3	16.95	27.84	9.43	158.1	23.87	22.47	87.1	90.5	36.57	33.16	0	997	26.6	1.721	0	15.49
7/19/2012 16:00	26171	14.73	157.6	16.54	27.84	9.22	161.1	23.23	18.89	88.3	91.7	36.01	32.62	0	963	26.58	1.721	0	11.74
7/19/2012 17:00	26172	12.8	148.6	17.4	27.84	8.02	151.1	25.13	22.47	89.2	92.1	35.16	32.42	0	722.8	26.56	1.721	0	12.1
7/19/2012 18:00	26173	12.79	153.5	19.59	26.05	7.974	157.3	27.62	18.89	89.6	92.1	34.18	31.84	0	625.2	26.54	1.721	0	11.72
7/19/2012 19:00	26174	13.96	154.7	16.89	22.47	8.58	158.7	24.09	17.1	89.5	91.5	32.15	30.37	0	436	26.52	1.721	0	16.09
7/19/2012 20:00	26175	14.06	146.3	10.96	22.47	8.31	150.5	18.51	17.1	88.9	89.8	32.31	31.25	0	249.1	26.51	1.718	-0.003	12.04

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/19/2012 21:00	26176	12.97	146.9	10.61	20.68	7.399	150.7	18.91	13.52	86.6	86.8	35.4	34.67	0	61.44	26.51	1.718	0	16.16
7/19/2012 22:00	26177	9.1	145.8	7.679	17.1	4.865	148.1	16.38	11.74	82.8	82.2	39.82	39.56	0	0.43	26.51	1.718	0	16.1
7/19/2012 23:00	26178	7.559	149.8	8.73	13.52	3.743	150.8	16.86	8.16	79.5	78.49	45.38	45.43	0	0.017	26.52	1.715	-0.003	11.79
7/20/2012 0:00	26179	6.703	154.2	6.622	9.95	2.828	152.8	14.74	6.368	77.65	76.22	49.93	50.47	0	0.026	26.52	1.718	0.003	16.06
7/20/2012 1:00	26180	8.18	158.8	8.17	13.52	4.172	159.3	16.13	9.95	76.2	75.28	54.9	54.23	0	0.032	26.52	1.715	-0.003	15.86
7/20/2012 2:00	26181	10.7	158.6	8.77	18.89	6.064	160.9	17.46	15.31	75.19	74.75	59.4	57.77	0	0.033	26.52	1.715	0	11.99
7/20/2012 3:00	26182	7.736	150.7	11.82	11.74	3.707	151.6	18.54	8.16	73.14	72.23	63.61	62.56	0	0.031	26.52	1.715	0	16.01
7/20/2012 4:00	26183	6.484	137.2	7.586	9.95	2.717	133.6	15.45	6.368	71.61	70.54	68.02	67.03	0	0.024	26.51	1.715	0	12.11
7/20/2012 5:00	26184	5.608	119.5	6.853	8.16	2.248	104.9	15.16	4.578	70.76	69.34	69.45	69.13	0	0.023	26.5	1.719	0.003	14.37
7/20/2012 6:00	26185	5.102	118.7	10.14	8.16	1.375	103.1	14.03	4.578	69.9	68.27	71.2	71.15	0	0.025	26.5	1.715	-0.003	11.74
7/20/2012 7:00	26186	5.874	117	14.5	8.16	2.444	102.9	21.76	4.578	69.44	67.98	73.21	72.65	0	0.772	26.5	1.715	0	15.85
7/20/2012 8:00	26187	5.001	111.2	17.22	8.16	2.446	102.8	26.39	6.368	69.82	69.36	74.29	72.18	0	60.68	26.5	4.724	3.009	11.64
7/20/2012 9:00	26188	9.32	163.6	13.6	15.31	5.857	167.2	20.37	11.74	73.25	74.5	73.15	68.42	0	244.7	26.53	1.981	-2.743	16.49
7/20/2012 10:00	26189	12.64	185.1	11.3	18.89	8.07	188.1	17.48	15.31	77.16	78.95	66.35	61.44	0	451.7	26.56	9.43	7.445	16.58
7/20/2012 11:00	26190	11.14	196	16.94	18.89	7.716	197.8	21.32	13.52	80.6	82.5	58.84	54.35	0	639.5	26.58	9.43	0.006	16.39
7/20/2012 12:00	26191	7.658	193.9	29.45	15.31	5.547	197.1	32.33	11.74	84.1	85.8	51.72	48.25	0	782	26.61	9.43	0.002	16.6
7/20/2012 13:00	26192	7.913	186.7	27.47	17.1	5.611	190.9	31.51	15.31	87	88.9	45.09	42.17	0	930	26.61	9.43	0	16.14
7/20/2012 14:00	26193	9.73	180.4	27	22.47	6.706	185.2	30.1	18.89	89.1	91.5	40.78	37.77	0	989	26.61	9.43	0	16.19
7/20/2012 15:00	26194	10.21	158.2	29.87	20.68	6.909	160.9	37.83	17.1	90.4	92.9	36.07	33.61	0	823	26.59	9.43	0	11.68
7/20/2012 16:00	26195	9.46	146.6	27.93	20.68	6.394	149.4	35.46	15.31	92.3	94.6	32.08	30.16	0	801	26.58	9.43	0	11.99
7/20/2012 17:00	26196	9.41	150.8	33.65	22.47	6.286	154.1	40.19	15.31	92.4	94.5	30.27	28.63	0	725.2	26.57	9.43	0	11.87
7/20/2012 18:00	26197	10.61	156.9	24.91	20.68	6.755	162.9	30.97	15.31	92.8	94.8	28.99	27.39	0	620	26.55	9.43	0	13.75
7/20/2012 19:00	26198	10.26	158.4	23.07	18.89	6.518	163	29.12	15.31	93	95	28.2	26.77	0	470	26.54	9.43	0	12.33
7/20/2012 20:00	26199	10.32	147.6	14.4	18.89	6.241	151.6	21.66	13.52	91.8	92.6	29.68	28.92	0	235.7	26.53	9.42	-0.019	11.71
7/20/2012 21:00	26200	8.64	148.7	7.333	17.1	4.538	151.3	16.55	11.74	89.8	89.6	31.16	31.22	0	57.25	26.51	9.39	-0.022	14.85
7/20/2012 22:00	26201	6.148	137.2	5.844	8.16	1.807	122.7	14.15	4.578	85.7	82.6	35.54	38.35	0	0.209	26.5	9.38	-0.015	16.64
7/20/2012 23:00	26202	6.159	143.4	6.517	9.95	1.618	130	11.89	4.578	82.8	79.71	39.14	42.07	0	0.016	26.5	9.36	-0.016	16.49
7/21/2012 0:00	26203	5.986	136.5	7.428	8.16	1.898	102.7	12.02	4.578	81.2	77.53	40.9	45.08	0	0.026	26.5	9.35	-0.009	12.43
7/21/2012 1:00	26204	5.332	152.6	12.19	11.74	1.069	121.5	9.22	2.789	79.74	76.41	41.98	45.8	0	0.03	26.5	9.35	-0.009	12.05
7/21/2012 2:00	26205	2.221	205.6	9.32	4.578	0	0	0	0	77.33	74.78	45.1	48.28	0	0.023	26.49	9.34	-0.005	11.74
7/21/2012 3:00	26206	4.001	189.6	7.567	6.368	0	0	0	0	76.75	73.57	46.21	49.5	0	0.03	26.48	9.33	-0.006	15.9
7/21/2012 4:00	26207	4.038	172.3	7.724	6.368	0	0	0	0	75.69	72	47.76	52.05	0	0.023	26.47	9.33	-0.006	13.1
7/21/2012 5:00	26208	4.743	185.1	10.25	6.368	0.168	183.4	1.313	2.789	75.03	71.24	48.45	52.86	0	0.016	26.47	9.32	-0.006	11.76
7/21/2012 6:00	26209	4.356	197.7	3.967	6.368	0.728	177.1	3.662	2.789	74.11	70.86	49.8	53.22	0	0.014	26.47	9.32	-0.006	11.73
7/21/2012 7:00	26210	3.368	203.5	10.76	6.368	0.008	192.4	0.117	2.789	72.24	69.36	53.32	56.68	0	0.612	26.47	9.31	-0.003	12.02
7/21/2012 8:00	26211	1.611	197.5	9.8	4.578	0.001	123.7	0	2.789	73.29	70.83	52.87	56.17	0	61.26	26.47	9.31	-0.003	15.99
7/21/2012 9:00	26212	2.88	234.5	19.07	8.16	1.742	232.6	13.73	6.368	78.55	79.05	50.37	48.11	0	248.4	26.51	9.31	-0.003	12.11
7/21/2012 10:00	26213	5.3	217.4	15.86	8.16	4.11	217.9	18.6	8.16	81.4	82.5	48.55	46.14	0	456.9	26.55	9.3	-0.003	12.08
7/21/2012 11:00	26214	5.028	216	24.73	9.95	3.825	218.2	25.12	8.16	86.7	87.6	38.79	37.3	0	645.3	26.57	9.27	-0.03	12.53
7/21/2012 12:00	26215	5.044	257.9	45.29	11.74	3.674	259.2	48.68	9.95	91.6	92.3	31.2	29.85	0	820	26.59	9.27	-0.001	14.17
7/21/2012 13:00	26216	5.19	240	52.7	11.74	4.226	241.9	52.17	9.95	93.5	93.7	29	28.37	0	788	26.6	9.27	0	12.41
7/21/2012 14:00	26217	5.758	140.4	59.94	15.31	3.856	144.7	61.3	9.95	94	94.8	27.35	26.98	0	534.1	26.58	9.26	-0.01	11.87
7/21/2012 15:00	26218	9.84	326.4	32.13	31.42	6.946	326.4	35.92	26.05	86.6	84.7	37.49	45.66	0.19	265.1	26.54	9.26	0.001	12.24
7/21/2012 16:00	26219	8.69	28.27	54.73	22.47	5.753	25.38	52.37	17.1	86.8	86.3	38.2	42.19	0.01	294.1	26.5	9.26	0	16.11
7/21/2012 17:00	26220	9.43	88.9	13.22	22.47	5.845	84.5	22.51	15.31	85.8	85.6	38.34	40.97	0	271.3	26.49	9.26	-0.003	11.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/21/2012 18:00	26221	8.41	105.5	40.07	18.89	5.256	102.6	47.72	13.52	91.5	92.4	29.44	31.03	0	678.2	26.48	9.26	-0.001	12.07
7/21/2012 19:00	26222	6.151	136	41.32	11.74	4.184	136.8	49.05	9.95	93.4	94.5	26.03	27.06	0	481.7	26.49	9.24	-0.016	11.84
7/21/2012 20:00	26223	9.51	115.1	25.97	22.47	5.656	116.4	34.48	17.1	92.6	92.6	25.69	27.42	0	257.7	26.48	9.23	-0.016	11.78
7/21/2012 21:00	26224	10.18	91.6	9.38	22.47	5.897	89.7	19.71	15.31	87.2	86.5	35.76	37.14	0	44.22	26.47	9.21	-0.015	15.62
7/21/2012 22:00	26225	6.24	80.8	7.931	8.16	2.574	76.79	15.24	4.578	83.3	80.6	42.41	47.78	0	0.205	26.45	9.21	-0.006	11.77
7/21/2012 23:00	26226	7.189	87.2	7.457	9.95	3.283	85.5	16.64	6.368	81	78.65	46.29	50.57	0	0.021	26.43	9.2	-0.006	16.53
7/22/2012 0:00	26227	5.699	59.71	13.25	8.16	2.417	58.53	15.25	4.578	79.64	77.48	48.53	52.79	0	0.034	26.43	9.2	-0.003	11.77
7/22/2012 1:00	26228	5.312	59.04	12.91	9.95	2.108	56.67	12.25	4.578	78.29	75.68	50.3	56.2	0	0.035	26.42	9.19	-0.005	11.76
7/22/2012 2:00	26229	6.483	48.52	14.13	11.74	3.162	46.41	18.8	8.16	78.19	76.37	47.68	50.85	0	0.035	26.42	9.19	-0.006	16.17
7/22/2012 3:00	26230	6.381	44.51	15.23	9.95	3.221	45.46	22.87	6.368	75.76	74.54	50.34	51.89	0	0.031	26.43	9.18	-0.007	14.66
7/22/2012 4:00	26231	5.549	72.67	10.77	8.16	2.724	69.47	19.13	4.578	76.06	72.71	48.43	54.82	0	0.033	26.43	9.18	-0.002	12.68
7/22/2012 5:00	26232	5.911	95.5	17.62	8.16	2.823	68.85	14.78	4.578	74.93	71.88	49.09	55.03	0	0.032	26.42	9.17	-0.006	11.84
7/22/2012 6:00	26233	5.12	80.6	19.42	6.368	2.833	62.88	11.27	4.578	74.33	71.36	48.05	54.8	0	0.021	26.41	9.16	-0.01	15.37
7/22/2012 7:00	26234	4.625	66.6	10.23	8.16	2.327	58.18	9.24	4.578	73.73	71.04	49.25	56.3	0	0.554	26.41	9.16	-0.006	15
7/22/2012 8:00	26235	6.123	62.02	10.97	11.74	3.285	59.51	15	8.16	73.15	71.79	52.39	55.54	0	68.18	26.43	9.15	-0.003	16.05
7/22/2012 9:00	26236	4.702	94.9	38.9	8.16	2.38	88.6	41.83	6.368	77.2	76.72	47.03	49.76	0	147	26.46	9.15	-0.005	11.79
7/22/2012 10:00	26237	4.114	147.2	26.42	6.368	2.218	150.8	31.82	4.578	82.4	82.4	37.33	39.22	0	227.7	26.49	9.15	-0.001	14.42
7/22/2012 11:00	26238	4.491	209.6	20.54	8.16	3.36	213.3	22.46	6.368	87.1	87.5	33.01	33.43	0	555.8	26.52	9.15	-0.001	11.9
7/22/2012 12:00	26239	4.99	226.5	43.84	9.95	3.794	228.5	45.95	8.16	93.4	93.8	24.13	24.62	0	848	26.55	9.14	-0.004	11.9
7/22/2012 13:00	26240	5.892	211.4	53.14	13.52	4.487	214.7	47.71	11.74	96.3	96.7	19.98	20.68	0	941	26.56	9.14	-0.006	16.1
7/22/2012 14:00	26241	9.51	167.1	43.68	22.47	6.735	172.6	48.75	15.31	96.8	98.7	19.97	19.8	0	1059	26.55	9.11	-0.022	11.78
7/22/2012 15:00	26242	10.08	152	36.04	20.68	6.827	156.6	42.9	15.31	98.4	101.2	17.62	17.14	0	1136	26.54	9.09	-0.022	16.28
7/22/2012 16:00	26243	13.15	121.6	20.18	26.05	8.21	123.3	28	18.89	95.4	97.4	19.89	19.55	0	569	26.52	9.06	-0.032	15.46
7/22/2012 17:00	26244	8.07	108.6	29.85	15.31	5.279	110.9	38.05	13.52	95.7	96.8	19.62	20.04	0	470.9	26.49	9.03	-0.029	11.77
7/22/2012 18:00	26245	8.46	144.2	29.62	17.1	5.558	147.4	35.53	11.74	97.8	99.6	17.24	17.26	0	685.2	26.48	9	-0.029	14.04
7/22/2012 19:00	26246	14.88	171.3	16.33	26.05	9.14	175.1	22.42	20.68	95.4	97	21.78	21.21	0	456	26.48	8.96	-0.041	12.02
7/22/2012 20:00	26247	11.96	172.7	12.81	20.68	7.218	177.1	18.95	15.31	94.3	94.9	22.54	22.65	0	247.9	26.47	8.9	-0.06	11.67
7/22/2012 21:00	26248	10.23	152.6	18.81	17.1	5.796	156.5	24.2	13.52	91.8	91.5	24.74	25.1	0	42.27	26.46	8.87	-0.028	11.95
7/22/2012 22:00	26249	8.73	126.7	8.32	13.52	4.574	128.1	18.56	8.16	87.6	86.6	29.8	30.52	0	0.131	26.46	8.86	-0.018	16.04
7/22/2012 23:00	26250	8.04	135.2	7.64	13.52	3.954	138	17.76	9.95	84.4	82.8	33.83	35.12	0	0.021	26.45	8.84	-0.019	14.6
7/23/2012 0:00	26251	7.377	134	9.14	11.74	3.609	134.4	18.87	8.16	82	80.9	35.92	36.65	0	0.026	26.45	8.83	-0.006	12.11
7/23/2012 1:00	26252	7.206	151.7	9.41	15.31	3.585	154	16.62	9.95	80.2	79.36	39.6	39.9	0	0.033	26.45	8.82	-0.013	12.09
7/23/2012 2:00	26253	8.63	154.5	18.29	13.52	4.547	157.1	23.28	9.95	79.01	78.22	39.35	39.57	0	0.035	26.45	8.81	-0.012	11.96
7/23/2012 3:00	26254	10.96	171.9	18.99	17.1	6.51	175.6	23.21	11.74	79.5	79.05	40.87	40.32	0	0.042	26.45	8.8	-0.01	15.84
7/23/2012 4:00	26255	10.85	173.5	9.2	17.1	6.331	176	16.81	13.52	80.7	80.3	41.24	40.62	0	0.043	26.44	8.78	-0.013	11.79
7/23/2012 5:00	26256	9.41	173.8	9.43	15.31	5.434	177.8	17.63	11.74	79.82	79.41	44.67	43.91	0	0.039	26.45	8.77	-0.01	11.7
7/23/2012 6:00	26257	5.469	139.8	35.41	11.74	2.695	131.5	40.84	8.16	79.17	78.45	46.26	46.08	0	0.051	26.46	8.77	-0.003	16.51
7/23/2012 7:00	26258	4.832	138.9	53.24	9.95	2.355	131	55.36	6.368	78.6	77.77	47.71	47.8	0	0.194	26.48	8.76	-0.009	13.07
7/23/2012 8:00	26259	6.595	222.5	29.03	9.95	4.196	223.9	30.19	8.16	78.03	77.34	49.16	49.26	0	21.42	26.47	8.76	-0.006	13.35
7/23/2012 9:00	26260	9.07	184.6	14.94	13.52	5.661	187.8	19.22	9.95	77.69	77.75	52.07	50.55	0	129.3	26.48	8.75	0	12
7/23/2012 10:00	26261	6.874	196	14.96	11.74	4.795	199.8	18.91	9.95	80.7	81.5	47.77	45.85	0	338.1	26.5	8.75	-0.004	11.94
7/23/2012 11:00	26262	6.701	144.4	26.74	11.74	4.265	146	33.2	8.16	83.2	84.1	43.98	42.56	0	255.3	26.52	8.75	-0.003	11.84
7/23/2012 12:00	26263	7.118	128.2	14.53	11.74	4.533	129.3	24.48	8.16	83.6	84.5	42.18	41.05	0	305.1	26.52	8.75	-0.003	16.16
7/23/2012 13:00	26264	8.14	145	18.71	15.31	5.446	148.3	26.95	11.74	87.8	89.5	37.04	35.44	0	755.2	26.53	8.74	-0.004	11.91
7/23/2012 14:00	26265	8.52	145.7	39.51	20.68	5.743	147.2	47.12	15.31	93.7	95.9	27.03	25.76	0	954	26.54	8.73	-0.006	12.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/23/2012 15:00	26266	12.24	214.6	39.91	24.26	8.39	214.7	39.05	22.47	89.9	90.3	34.44	36.78	0.02	669.3	26.52	8.72	-0.019	15.3
7/23/2012 16:00	26267	13.7	183.2	20.85	26.05	8.88	186.4	23.65	20.68	93.1	94.6	25.65	25.15	0	726.2	26.5	8.7	-0.019	16.27
7/23/2012 17:00	26268	13.44	180.1	21.59	27.84	8.89	183.8	25.6	18.89	95.3	98	21.7	20.5	0	968	26.49	8.67	-0.029	12.59
7/23/2012 18:00	26269	13.85	170.8	24.84	26.05	8.88	175.3	28.65	18.89	95.2	97.6	21.47	20.34	0	742.3	26.48	8.62	-0.051	11.9
7/23/2012 19:00	26270	13.5	182	18.6	24.26	8.56	185.6	22.14	18.89	93.3	94.4	23.41	22.78	0	302.8	26.48	8.57	-0.044	11.87
7/23/2012 20:00	26271	11.19	148.5	12.11	18.89	6.542	153.2	20.42	13.52	91.3	91.1	24.34	24.54	0	98.4	26.46	8.55	-0.025	12.01
7/23/2012 21:00	26272	14.32	149.3	11.12	27.84	8.17	153	18.38	20.68	88.6	88.5	31.77	31.3	0	45.44	26.46	8.52	-0.025	16.27
7/23/2012 22:00	26273	16.22	148.1	8.46	29.63	9.21	151.5	17.06	18.89	82.7	82.4	40.71	39.83	0	0.191	26.46	8.49	-0.038	11.69
7/23/2012 23:00	26274	13.24	149.9	8.71	20.68	7.494	153.4	16.94	17.1	81.1	80.6	43.78	42.96	0	0.025	26.46	8.47	-0.016	16.49
7/24/2012 0:00	26275	11.62	150.3	9.03	20.68	6.512	153	17.91	13.52	80.1	79.49	44.22	43.58	0	0.033	26.47	8.44	-0.025	11.74
7/24/2012 1:00	26276	8.61	152.9	9.95	20.68	4.481	156	17.73	9.95	77.34	76.52	48.92	48.37	0	0.035	26.46	8.43	-0.013	16.6
7/24/2012 2:00	26277	9.16	170	9.41	15.31	4.898	172.4	17.68	9.95	76.61	75.67	50.88	50.36	0	0.03	26.44	8.43	-0.005	16.8
7/24/2012 3:00	26278	7.475	174.5	10.28	11.74	3.756	178.8	17.46	9.95	74.99	73.92	53.55	53.16	0	0.03	26.44	8.42	-0.006	16.44
7/24/2012 4:00	26279	5.677	173	7.085	9.95	1.438	175.5	9.85	6.368	72.04	70.22	58.36	58.97	0	0.02	26.42	8.42	-0.006	12.02
7/24/2012 5:00	26280	5.66	164.2	8.8	8.16	1.231	162	11.73	4.578	71.07	68.79	60.52	61.88	0	0.014	26.41	8.41	-0.003	15.73
7/24/2012 6:00	26281	7.689	161.5	7.824	13.52	3.522	162.1	17.02	8.16	71.07	69.44	62.6	62.67	0	0.019	26.41	8.41	-0.003	14.61
7/24/2012 7:00	26282	8.76	166.8	8.94	13.52	4.841	170.9	18.08	9.95	71.49	70.81	68.13	66.13	0	0.369	26.42	8.41	0	11.72
7/24/2012 8:00	26283	9.08	175.8	9.46	17.1	5.227	179.3	16.84	11.74	71.22	70.93	73.4	70.44	0	52.26	26.43	8.41	-0.003	12.09
7/24/2012 9:00	26284	14.03	171.6	10.12	22.47	8.36	175.4	17.75	15.31	73.84	74.76	71.29	66.79	0	234.1	26.44	8.4	-0.005	11.73
7/24/2012 10:00	26285	14.24	189	11.31	20.68	9.18	191.6	16.49	17.1	77.12	78.72	64.69	59.83	0	441.8	26.46	8.39	-0.007	16.19
7/24/2012 11:00	26286	11.79	187.5	14.55	24.26	7.938	189.8	18.96	15.31	80.9	82.9	57.81	53.09	0	632.7	26.48	8.38	-0.01	15.79
7/24/2012 12:00	26287	10.53	180.5	18.99	18.89	6.983	183.6	22.96	13.52	85.2	87.5	49.68	45.6	0	806	26.5	8.38	-0.001	16.2
7/24/2012 13:00	26288	9.69	180.8	22.73	17.1	6.684	185.3	28.01	13.52	89.1	91.4	41.73	38.42	0	923	26.5	8.38	-0.007	12.59
7/24/2012 14:00	26289	9.91	177.2	28.06	20.68	6.85	179.5	32.45	15.31	92	94.5	33.6	31.1	0	989	26.49	8.36	-0.016	11.93
7/24/2012 15:00	26290	9.16	176.5	45.63	22.47	6.558	181.5	46.38	15.31	95	97.3	26.34	24.62	0	1025	26.47	8.34	-0.019	11.89
7/24/2012 16:00	26291	9.79	185	34.59	20.68	6.921	189.9	39.59	15.31	95.8	97.7	24.63	23.15	0	840	26.45	8.33	-0.016	12.31
7/24/2012 17:00	26292	10.9	164.9	24.72	20.68	6.949	169.4	30.05	17.1	95	96.9	24.8	23.42	0	541.7	26.43	8.29	-0.035	12.63
7/24/2012 18:00	26293	10.46	230.1	32.59	18.89	7.952	230.1	32.91	15.31	90.6	91	30.65	29.78	0	134.2	26.4	8.26	-0.031	11.86
7/24/2012 19:00	26294	11.33	229.7	21.88	18.89	8.61	228.7	21.64	15.31	90	90.7	32.14	30.88	0	348.2	26.39	8.23	-0.025	15.97
7/24/2012 20:00	26295	9.66	188.8	17.1	17.1	6.292	192.3	20.24	11.74	91.2	91.9	30.22	29.25	0	253.5	26.39	8.2	-0.032	16.08
7/24/2012 21:00	26296	6.712	182	20.3	17.1	3.655	186	23.84	11.74	89.4	88.6	31.27	31.56	0	43.97	26.38	8.17	-0.027	11.89
7/24/2012 22:00	26297	10.16	171.3	9.52	15.31	5.577	175.1	18.28	11.74	85.8	85.2	38.09	37.64	0	0.16	26.37	8.16	-0.019	15.24
7/24/2012 23:00	26298	12.85	169.7	8.5	20.68	7.245	174.3	17.99	15.31	84	83.6	41.76	40.79	0	0.038	26.38	8.14	-0.013	15.87
7/25/2012 0:00	26299	10.45	177.8	9.08	20.68	5.972	182.4	16.69	13.52	82.7	82.2	42.84	41.98	0	0.04	26.39	8.13	-0.013	12.4
7/25/2012 1:00	26300	9.98	177.9	10.08	15.31	5.773	183	17.82	9.95	81.6	81.3	44.25	43.21	0	0.039	26.38	8.12	-0.009	16.08
7/25/2012 2:00	26301	11.15	182	10.74	18.89	6.669	186.8	17.56	15.31	81.4	81.1	44.15	42.93	0	0.04	26.38	8.11	-0.013	15.98
7/25/2012 3:00	26302	10.19	189.3	9.19	17.1	6.232	193.5	15.27	13.52	80.9	80.5	46.47	45.23	0	0.043	26.38	8.1	-0.01	11.9
7/25/2012 4:00	26303	8.72	172	12.13	15.31	4.794	175.3	19.67	11.74	78.58	77.98	49.8	48.75	0	0.035	26.36	8.09	-0.009	12.11
7/25/2012 5:00	26304	10.64	159.9	9.51	18.89	5.59	162.2	18.76	11.74	76.22	75.56	54.04	52.71	0	0.03	26.34	8.08	-0.005	12.15
7/25/2012 6:00	26305	10.34	170.2	12.38	17.1	5.806	174.7	20.05	11.74	75.27	74.71	55.25	53.72	0	0.033	26.33	8.07	-0.012	11.92
7/25/2012 7:00	26306	7.117	178.2	9.57	11.74	3.704	182.6	17.69	8.16	73.28	72.53	58.37	57	0	0.459	26.33	8.07	-0.006	15.95
7/25/2012 8:00	26307	3.791	168.3	14.38	8.16	0.639	171.8	10.51	4.578	72.3	71.25	60.42	59.78	0	49.9	26.33	8.06	-0.003	16.05
7/25/2012 9:00	26308	9.64	185.5	10.35	18.89	6.106	189.2	16.54	13.52	76.61	77.38	54.7	51.95	0	235.3	26.36	8.05	-0.009	11.9
7/25/2012 10:00	26309	12.8	200.7	11.33	20.68	8.62	201.8	15.57	17.1	80.4	81.9	48.36	45.32	0	436.6	26.39	8.05	-0.004	16.49
7/25/2012 11:00	26310	10.91	209.7	13.96	17.1	7.676	209	16.42	15.31	83.5	85.2	44.35	41.29	0	642.5	26.4	8.04	-0.007	12.16

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/25/2012 12:00	26311	8.86	203.2	19.49	18.89	6.378	202.5	22.71	13.52	88.2	89.9	37.39	34.94	0	813	26.41	8.04	-0.007	15.89
7/25/2012 13:00	26312	8.2	207.7	30.87	17.1	6.043	209	33.35	13.52	92.3	94	32.07	30.07	0	870	26.42	8.03	-0.01	12.03
7/25/2012 14:00	26313	9.69	195.9	21.97	22.47	6.968	198.5	24.59	18.89	94.2	96.1	27.9	26.16	0	934	26.41	8.01	-0.016	16.49
7/25/2012 15:00	26314	10.61	190.9	25.76	24.26	7.411	194.5	29.23	17.1	96.9	99.3	23.39	21.67	0	1031	26.39	7.986	-0.025	11.92
7/25/2012 16:00	26315	12.34	212.7	27.61	26.05	8.89	213.9	28.83	18.89	97.4	99.2	20.89	19.67	0	781.5	26.37	7.961	-0.025	11.95
7/25/2012 17:00	26316	12.82	199.6	26.16	26.05	8.9	201.3	28.71	20.68	98.4	100.4	19.17	18.05	0	786.8	26.34	7.932	-0.029	16.34
7/25/2012 18:00	26317	14.69	202.1	15.67	29.63	10.06	203.2	18.67	22.47	97.5	99.3	20.04	18.97	0	581.4	26.31	7.888	-0.044	11.85
7/25/2012 19:00	26318	12.67	210.8	18	24.26	9	211.2	19.63	18.89	97.3	98.5	19.23	18.54	0	432.2	26.3	7.84	-0.048	16.03
7/25/2012 20:00	26319	12.16	192	13.73	18.89	7.802	193.7	18.54	15.31	96.3	96.7	19.85	19.67	0	184.9	26.29	7.818	-0.022	11.87
7/25/2012 21:00	26320	12.32	188	15.71	33.21	7.349	189	19.67	22.47	93.1	92.7	24.32	24.2	0	27.23	26.29	7.803	-0.015	16.55
7/25/2012 22:00	26321	19.14	175	11.36	33.21	11.17	177.9	18.31	24.26	84.9	84.8	40.84	39.6	0	0.127	26.29	7.772	-0.031	16.12
7/25/2012 23:00	26322	17.07	201	32.6	31.42	11.19	203	32.91	27.84	82.4	82.4	45.82	44.15	0	0.043	26.3	7.744	-0.028	15.97
7/26/2012 0:00	26323	17.04	218.6	17.2	29.63	11.87	217.9	18.78	26.05	78.22	78.37	54.9	52.32	0	0.051	26.29	7.696	-0.047	12.11
7/26/2012 1:00	26324	10.78	206.5	15.67	22.47	7.077	206.8	19.06	15.31	78.2	78.17	51.31	49.28	0	0.038	26.27	7.687	-0.01	15.96
7/26/2012 2:00	26325	10.54	248.6	20.36	17.1	6.657	239.7	23.29	15.31	78.15	78.21	51.95	49.72	0	0.038	26.26	7.678	-0.009	15.9
7/26/2012 3:00	26326	7.889	209.7	74.46	18.89	5.218	199.2	71.25	15.31	78.48	78.44	51.07	49.14	0	0.04	26.28	7.668	-0.01	14.67
7/26/2012 4:00	26327	8.44	173.1	23.91	18.89	5.125	175.5	29.03	13.52	79.43	79.29	50.56	48.75	0	0.047	26.3	7.664	-0.004	11.95
7/26/2012 5:00	26328	9.11	184.1	11.92	15.31	5.448	186.6	17.55	11.74	78.16	78.03	54.22	52.07	0	0.043	26.29	7.658	-0.006	12.07
7/26/2012 6:00	26329	8	189.2	13.13	13.52	4.956	193	17.33	9.95	76.23	76.22	59.65	56.94	0	0.049	26.28	7.652	-0.006	11.87
7/26/2012 7:00	26330	6.912	119.2	43.75	15.31	4.004	116.5	45.98	9.95	74.96	74.9	63.68	61.02	0	0.066	26.3	7.653	0.001	11.87
7/26/2012 8:00	26331	4.911	125.6	26.44	11.74	1.985	120.9	23.92	6.368	72.2	71.25	75.25	76.57	0.02	2.031	26.31	7.654	0.001	11.93
7/26/2012 9:00	26332	9.33	138.6	11.86	17.1	5.05	142.5	20.77	11.74	69.36	69.12	84.2	83.1	0	55	26.32	7.654	0	16.13
7/26/2012 10:00	26333	8.06	148.5	12.04	15.31	4.711	152.7	19.19	9.95	71.59	71.82	79.94	77.89	0	153.8	26.32	7.654	0	11.89
7/26/2012 11:00	26334	9.07	158	10.13	15.31	5.479	162.4	18.2	11.74	74.37	75.03	73.28	70.18	0	189.4	26.35	7.652	-0.002	12.1
7/26/2012 12:00	26335	5.576	177.1	25.42	9.95	3.935	181	29.47	8.16	78.25	79.25	64.86	61.56	0	533.6	26.37	7.652	-0.001	16.45
7/26/2012 13:00	26336	6.215	223.5	42.23	13.52	4.778	224.5	40.94	9.95	83.6	84.7	55.46	51.87	0	730.5	26.41	7.654	0.002	12.05
7/26/2012 14:00	26337	8.66	168.6	22.49	15.31	5.935	171.9	28.48	11.74	84.3	86.3	53.07	49.16	0	644.2	26.42	7.65	-0.003	11.93
7/26/2012 15:00	26338	9.36	179	20.23	15.31	6.437	183.2	24.46	11.74	86.1	88.2	47.45	43.97	0	590.7	26.42	7.647	-0.003	11.89
7/26/2012 16:00	26339	8.9	178.8	16.9	15.31	6.027	182.3	23.25	11.74	87.4	88.9	42.07	39.67	0	415.2	26.4	7.638	-0.01	11.99
7/26/2012 17:00	26340	8.41	150.4	32.26	15.31	5.627	152.3	37.35	11.74	91.3	93.5	34.29	32.05	0	835	26.38	7.628	-0.009	16.03
7/26/2012 18:00	26341	8.01	138	26.85	17.1	5.452	143	34.6	11.74	92.1	94.1	30.82	29.04	0	646.5	26.38	7.612	-0.016	11.9
7/26/2012 19:00	26342	10.23	134.2	27.02	18.89	6.447	136.8	33.06	13.52	92.2	94.3	33.24	31.06	0	512.8	26.37	7.6	-0.013	16.04
7/26/2012 20:00	26343	19.8	117.3	13	36.78	11.62	120.2	22.79	24.26	85.9	87	46.3	43.6	0	160.4	26.38	7.568	-0.032	16.34
7/26/2012 21:00	26344	15.59	124.1	9.42	29.63	8.81	128.2	20.65	20.68	80.3	80.4	56.01	53.37	0	27.2	26.37	7.541	-0.027	11.9
7/26/2012 22:00	26345	8.36	111.9	15.32	13.52	5.075	112.3	24.71	9.95	78.63	78.39	59.08	56.81	0	0.14	26.36	7.525	-0.016	15.59
7/26/2012 23:00	26346	8.68	83.2	12.47	13.52	5.174	80.8	21.71	11.74	76.97	76.77	62.38	59.82	0	0.027	26.37	7.513	-0.012	12.09
7/27/2012 0:00	26347	11.35	111.9	11.64	18.89	6.729	113.5	21.89	13.52	75.42	75.48	68.13	64.74	0	0.038	26.4	7.501	-0.012	15.95
7/27/2012 1:00	26348	8.32	128.3	17.4	18.89	4.703	132.5	23.48	11.74	72.99	72.99	73.66	70.06	0	0.035	26.4	7.492	-0.009	16.03
7/27/2012 2:00	26349	5.579	92.5	15.42	9.95	3.049	87.4	19.91	6.368	71.12	70.75	77.27	74.1	0	0.024	26.39	7.486	-0.006	16.42
7/27/2012 3:00	26350	6.218	70.22	10.74	11.74	3.493	65.67	18.44	8.16	69.87	69.67	79.63	75.97	0	0.018	26.38	7.473	-0.013	13.91
7/27/2012 4:00	26351	5.995	104.8	13.48	9.95	3.322	101.2	20.99	8.16	69.26	68.95	82.1	78.54	0	0.015	26.38	7.47	-0.003	15.94
7/27/2012 5:00	26352	6.256	134.9	14.14	11.74	3.238	137.1	19.81	8.16	70	69.55	80.2	77.25	0	0.021	26.38	7.467	-0.003	16.45
7/27/2012 6:00	26353	6.43	171.2	16.27	11.74	3.604	174.9	21.41	8.16	70.16	70.03	80.6	76.87	0	0.02	26.39	7.464	-0.003	11.9
7/27/2012 7:00	26354	9.64	208.6	20.86	17.1	6.2	208.5	23.29	13.52	69.76	69.88	80.7	76.42	0	0.124	26.41	7.461	-0.003	11.81
7/27/2012 8:00	26355	5.973	274.2	35.44	9.95	4.072	268.6	33.07	8.16	69.54	69.64	80.1	76.56	0	5.276	26.41	7.461	0	12.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/27/2012 9:00	26356	7.606	58.69	51.63	18.89	4.876	57.08	55.37	17.1	67.84	67.96	87.4	84.1	0.19	33.98	26.46	7.556	0.095	16.09
7/27/2012 10:00	26357	1.971	312	33.89	4.578	0.91	313	21.85	4.578	71.17	71.11	80.1	79.37	0	330.6	26.46	7.556	0	14.9
7/27/2012 11:00	26358	2.143	359.4	47.45	8.16	1.37	341.3	36.18	6.368	76.51	77.01	67.78	66.16	0	466.1	26.5	7.553	-0.002	12.13
7/27/2012 12:00	26359	7.567	139.4	20.67	15.31	5.009	144.5	28.65	11.74	77.45	79.88	67.47	63.47	0	542.9	26.54	7.557	0.003	12.22
7/27/2012 13:00	26360	8.23	119.7	21.91	15.31	5.614	122	30.33	11.74	79.11	81.9	64.46	60.43	0	642.5	26.56	7.556	-0.001	15.32
7/27/2012 14:00	26361	8.42	115.9	28.4	20.68	5.522	116.8	38.99	11.74	80.9	83.9	59.64	55.97	0	720.1	26.55	7.555	0	15.55
7/27/2012 15:00	26362	6.919	93.8	31.05	17.1	4.76	90.4	42.06	13.52	83.3	85.4	54.53	51.88	0	637.4	26.53	7.555	0	12.06
7/27/2012 16:00	26363	9.59	106.5	41.12	33.21	6.362	107	47.33	24.26	84.1	86.4	51.8	49.09	0	496.4	26.53	7.555	0	12.92
7/27/2012 17:00	26364	11.82	221.9	23.92	34.99	7.992	220.6	24.66	26.05	61.95	70.66	85	82.4	0.18	145.1	26.52	7.592	0.036	15.89
7/27/2012 18:00	26365	6.412	191	20.59	13.52	4.461	193.8	24.81	9.95	74.49	77.07	69.29	67.69	0	483.6	26.47	7.592	0	12.53
7/27/2012 19:00	26366	10.15	171.3	14.73	15.31	6.588	175.2	20.43	11.74	83.6	81.9	57.46	55.18	0	464.1	26.47	7.591	0	16.3
7/27/2012 20:00	26367	10.75	160.2	10.27	15.31	6.437	164	18.04	13.52	80.8	81.8	58.4	56.45	0	235.7	26.48	7.591	0	12.74
7/27/2012 21:00	26368	7.205	172.2	10.45	13.52	4.066	175.6	16.21	9.95	75.79	78.25	67.45	65.79	0	47.19	26.49	7.591	0	16.08
7/27/2012 22:00	26369	3.9	195.3	12.56	6.368	0.473	204.1	8.79	2.789	73.36	74.27	75.22	76.66	0	0.136	26.47	7.592	0.001	11.81
7/27/2012 23:00	26370	4.219	155.9	13.62	8.16	0.294	117	7.335	2.789	72.67	72.66	76.16	81.5	0	0.024	26.48	7.59	-0.002	12.1
7/28/2012 0:00	26371	4.445	148.3	8.96	6.368	0.283	141.4	7.919	2.789	71.19	71.93	77.88	80.9	0	0.021	26.49	7.591	0	14.24
7/28/2012 1:00	26372	4.71	145.9	11.9	9.95	0.662	131.6	9.35	4.578	69.68	71.14	81.3	82.6	0	0.024	26.49	7.588	-0.003	15.96
7/28/2012 2:00	26373	7.122	147.8	7.948	9.95	3.533	148	15.09	6.368	68.76	70.76	85.1	83.5	0	0.024	26.5	7.584	-0.003	16.07
7/28/2012 3:00	26374	6.001	138.1	7.631	8.16	2.937	136.8	16.41	6.368	68.98	71.05	86.2	84.2	0	0.027	26.5	7.581	-0.003	14.67
7/28/2012 4:00	26375	5.399	113.4	16.73	8.16	2.275	103.6	22.32	4.578	68.19	69.88	86.4	85	0	0.025	26.49	7.578	-0.003	12.15
7/28/2012 5:00	26376	5.419	79.99	6.956	8.16	2.408	71.74	15.16	4.578	67.62	69.26	87.5	86.4	0	0.026	26.49	7.578	0	11.68
7/28/2012 6:00	26377	5.823	76	7.091	8.16	2.838	65.97	15.67	6.368	67.38	68.8	86.9	86.1	0	0.028	26.49	7.575	-0.003	11.87
7/28/2012 7:00	26378	7.085	72.12	6.678	9.95	3.869	64.6	16.81	6.368	67.25	68.65	86.2	84.8	0	0.307	26.5	7.572	-0.003	16.56
7/28/2012 8:00	26379	7.213	83.9	13	11.74	3.937	77.08	21.16	8.16	67.4	69.06	86.2	83.8	0	38.94	26.51	7.572	0	11.9
7/28/2012 9:00	26380	10.39	144	15.04	18.89	5.951	148	23.6	13.52	70.32	73.11	80.2	76.18	0	206.1	26.53	7.568	-0.004	11.97
7/28/2012 10:00	26381	12.54	166.2	14.35	18.89	7.539	169.5	20.95	13.52	72.48	76.31	74.63	69.64	0	419.4	26.57	7.566	-0.002	15.65
7/28/2012 11:00	26382	11.35	170.1	13.83	18.89	7.165	173	20.95	15.31	75.63	79.73	68.04	63.25	0	617.1	26.59	7.566	0	14.42
7/28/2012 12:00	26383	11.31	172.6	14.52	18.89	7.325	175.4	21.4	15.31	78.58	82.8	61.32	57.03	0	789.8	26.61	7.563	-0.003	11.97
7/28/2012 13:00	26384	9.83	179.4	20.86	18.89	6.686	181.8	25.8	13.52	81	85.2	55.49	51.85	0	803	26.62	7.552	-0.011	13.77
7/28/2012 14:00	26385	12.17	180.2	22.03	22.47	8.22	183.2	25.58	17.1	82.3	87.7	49.5	46.18	0	949	26.61	7.543	-0.01	12.38
7/28/2012 15:00	26386	13.85	162.4	18.54	24.26	8.79	166.5	24.18	17.1	85	90.2	42.69	39.69	0	962	26.61	7.524	-0.019	11.95
7/28/2012 16:00	26387	12.01	159.1	18.89	22.47	7.663	164.4	24.74	15.31	89.5	92.3	37.85	35.27	0	944	26.6	7.495	-0.029	12.11
7/28/2012 17:00	26388	12.39	156.8	18.28	22.47	7.87	160.2	24.48	17.1	90.5	93	34.72	32.58	0	798.5	26.58	7.473	-0.022	14.4
7/28/2012 18:00	26389	11.9	164.1	19.32	20.68	7.628	167	25.12	15.31	91.1	93	30.81	29.42	0	634.6	26.56	7.447	-0.025	16.08
7/28/2012 19:00	26390	12.86	152.1	17.07	24.26	7.771	155.8	22.67	17.1	91.1	92.7	26.81	26.03	0	441.9	26.54	7.403	-0.044	15.15
7/28/2012 20:00	26391	13.64	146.5	11.31	20.68	8.07	151	18.95	15.31	90.5	90.9	22.41	22.63	0	235.3	26.53	7.368	-0.035	11.89
7/28/2012 21:00	26392	9.99	144.4	7.981	17.1	5.548	148	17.08	13.52	87.1	86.6	28.95	29.53	0	46.85	26.52	7.344	-0.024	12.55
7/28/2012 22:00	26393	8.01	132.8	7.544	11.74	3.764	131.3	17.82	6.368	81.9	80.3	37.43	39.18	0	0.118	26.51	7.335	-0.009	15.37
7/28/2012 23:00	26394	7.99	129.8	8.93	11.74	3.686	127.5	20.07	8.16	79.52	77.71	41.7	43.71	0	0.021	26.51	7.326	-0.009	12.13
7/29/2012 0:00	26395	7.285	132	6.78	9.95	2.961	124.9	15.75	4.578	77.42	75.04	46.96	50.05	0	0.027	26.52	7.32	-0.006	11.74
7/29/2012 1:00	26396	6.36	146.2	6.043	11.74	1.433	134.2	10.34	4.578	75.55	72.54	52.09	56.53	0	0.017	26.51	7.315	-0.005	16.06
7/29/2012 2:00	26397	6.91	155.8	6.57	9.95	2.703	152.2	14.7	4.578	74.33	71.97	56.48	59.27	0	0.021	26.51	7.309	-0.006	11.89
7/29/2012 3:00	26398	6.836	157.2	7.046	9.95	2.583	150.2	15.28	4.578	72.95	70.65	60.81	63.44	0	0.021	26.5	7.305	-0.003	11.96
7/29/2012 4:00	26399	6.918	166.3	9.44	9.95	2.744	164.7	16.95	6.368	72.1	70.08	63.38	65.03	0	0.021	26.49	7.299	-0.006	13.83
7/29/2012 5:00	26400	6.904	164.3	9.44	9.95	2.839	163.3	16.52	6.368	70.54	68.59	68.12	69.43	0	0.022	26.48	7.296	-0.003	12.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/29/2012 6:00	26401	6.992	163.4	6.795	9.95	2.798	164.6	14.64	6.368	70.81	68.96	68.24	69.29	0	0.026	26.48	7.293	-0.003	11.89
7/29/2012 7:00	26402	4.33	164.2	42.31	6.368	0.415	307.3	32.27	4.578	69.81	67.09	70.41	73.23	0	0.288	26.48	7.29	-0.003	12.29
7/29/2012 8:00	26403	2.05	177.4	43.22	4.578	0.094	333.3	4.557	2.789	71.07	69.25	68.04	70.32	0	50.6	26.49	7.286	-0.003	15.99
7/29/2012 9:00	26404	5.607	173.4	13.42	13.52	3.068	178.3	18.42	8.16	75.78	76.92	61.78	58.75	0	236.8	26.52	7.284	-0.002	12.06
7/29/2012 10:00	26405	11.42	177.4	11.56	18.89	7.262	181.1	18.08	15.31	79.09	80.8	55.95	52.57	0	445.1	26.57	7.278	-0.007	11.95
7/29/2012 11:00	26406	12.53	184.3	13.34	18.89	8.1	187.7	18.39	15.31	82.3	84.2	51.14	47.75	0	637.6	26.59	7.274	-0.003	12.14
7/29/2012 12:00	26407	11.26	190.3	14	20.68	7.562	192.1	18.64	15.31	85	87.1	47.1	43.78	0	814	26.6	7.264	-0.011	13.04
7/29/2012 13:00	26408	10.18	175.1	21.04	26.05	6.89	177.4	27.13	17.1	87.3	89.7	43	39.85	0	935	26.61	7.257	-0.006	16.44
7/29/2012 14:00	26409	10.16	177.4	22.46	18.89	6.988	182.6	27.69	15.31	90.1	92.4	37.93	35.24	0	995	26.6	7.238	-0.019	16.25
7/29/2012 15:00	26410	12.19	175.1	18.83	22.47	8.01	178.8	24.32	20.68	91.8	94.7	32.94	30.28	0	996	26.58	7.213	-0.025	16.19
7/29/2012 16:00	26411	12.52	181.7	22.23	22.47	8.37	184.8	26.39	17.1	93.4	96	29.06	26.87	0	942	26.56	7.184	-0.029	13.17
7/29/2012 17:00	26412	11.39	183.7	23.32	22.47	7.837	186.3	26.52	17.1	94.7	96.9	25.96	24.34	0	849	26.54	7.131	-0.054	12.09
7/29/2012 18:00	26413	10.77	166.5	19.66	20.68	6.748	169.8	24.91	15.31	93.9	95.4	24.82	23.85	0	445	26.52	7.102	-0.029	11.92
7/29/2012 19:00	26414	9.46	183.5	18	15.31	6.181	187.1	22.14	11.74	93.4	94.5	23.75	23.23	0	321.2	26.5	7.07	-0.032	16.17
7/29/2012 20:00	26415	8.3	180.5	12.55	15.31	5.303	183.8	17.76	11.74	92.7	93	24.3	24.36	0	194.3	26.48	7.039	-0.031	16.1
7/29/2012 21:00	26416	8.89	152.7	9.61	15.31	4.801	155.6	17.07	9.95	89.9	89.3	27.79	28.28	0	48.3	26.47	7.004	-0.035	11.87
7/29/2012 22:00	26417	7.437	147.7	5.685	11.74	3.003	148	14.13	6.368	84.1	82.2	35.54	37.45	0	0.153	26.46	6.999	-0.006	11.73
7/29/2012 23:00	26418	7.252	141.2	5.453	9.95	2.736	134.2	14.1	6.368	80.5	77.63	41.17	44.54	0	0.015	26.46	6.99	-0.009	14.25
7/30/2012 0:00	26419	7.951	142.7	7.233	11.74	3.405	139.1	16.04	6.368	78.6	76.28	41.81	44.47	0	0.018	26.45	6.981	-0.009	12.29
7/30/2012 1:00	26420	8.62	156	9.35	15.31	4.077	155.2	17.07	8.16	77.26	75.57	44.6	45.93	0	0.037	26.45	6.972	-0.009	16.21
7/30/2012 2:00	26421	5.476	170.9	16.2	11.74	1.554	164.2	15.71	6.368	74.91	72.8	49	51.33	0	0.025	26.44	6.966	-0.006	12.18
7/30/2012 3:00	26422	2.767	170	30.29	6.368	0.651	73.38	35.01	4.578	73.83	70.92	49.39	54.01	0	0.016	26.43	6.96	-0.006	15.84
7/30/2012 4:00	26423	3.622	163.9	28.66	6.368	0.858	94.3	7.739	4.578	73	69.81	49.71	55.56	0	0.018	26.42	6.953	-0.006	11.93
7/30/2012 5:00	26424	3.354	160.8	22.87	6.368	0.787	95.9	12.85	4.578	72.96	69.85	47.71	52.64	0	0.014	26.42	6.95	-0.003	11.66
7/30/2012 6:00	26425	2.807	137.1	23.07	6.368	0.797	88.8	15	4.578	72.17	69.44	48.02	52.54	0	0.015	26.43	6.947	-0.003	11.7
7/30/2012 7:00	26426	4.191	147.2	30.36	6.368	0.994	103.8	14.95	2.789	71.59	68.61	47.46	52.18	0	0.269	26.43	6.944	-0.003	11.64
7/30/2012 8:00	26427	3.469	181.1	40.28	8.16	0.697	216.9	38.83	4.578	71.45	69.2	48.89	52.45	0	47.07	26.44	6.941	-0.003	12.1
7/30/2012 9:00	26428	5.308	179	14.91	11.74	2.862	180.8	17.69	9.95	76.08	76.78	47.79	46.84	0	234.5	26.46	6.936	-0.005	12.11
7/30/2012 10:00	26429	11.03	181.8	10.4	17.1	7.1	185.6	17.08	13.52	81.4	82.8	43.12	41.25	0	451	26.5	6.929	-0.007	16.39
7/30/2012 11:00	26430	11.14	192.2	12.59	17.1	7.644	195.4	17.08	13.52	85.8	87.4	35.88	34.17	0	648.2	26.53	6.922	-0.007	11.91
7/30/2012 12:00	26431	8.75	190.9	19.99	17.1	6.233	193.5	24.07	15.31	90	91.7	27.76	26.54	0	828	26.55	6.915	-0.007	12.03
7/30/2012 13:00	26432	9.23	162.7	28.44	20.68	6.197	167.4	34.33	15.31	92.7	94.7	21.19	20.46	0	949	26.56	6.902	-0.013	12.11
7/30/2012 14:00	26433	11.25	163	25.59	20.68	7.56	166.9	29.83	15.31	93.1	95.9	19.93	18.82	0	1011	26.56	6.871	-0.032	16.23
7/30/2012 15:00	26434	10.73	166.5	30.97	22.47	7.064	170.1	36.67	18.89	94.6	97.2	19.86	18.72	0	1010	26.54	6.849	-0.022	11.86
7/30/2012 16:00	26435	11.88	155	23.42	22.47	7.794	159.8	29.94	17.1	95.1	97.8	19.76	18.53	0	949	26.52	6.82	-0.029	11.98
7/30/2012 17:00	26436	10.17	169.3	25.81	22.47	6.867	172.8	29.58	17.1	95.8	98.2	19.66	18.59	0	823	26.5	6.788	-0.032	16.1
7/30/2012 18:00	26437	9.5	150.4	22.29	20.68	6.19	154.5	28.06	13.52	95.9	97.8	18.67	18.02	0	652.7	26.48	6.753	-0.035	11.85
7/30/2012 19:00	26438	8.65	159.5	22.45	18.89	5.635	164.7	27.76	13.52	95.1	96.8	19.57	18.96	0	450.1	26.47	6.725	-0.029	12.06
7/30/2012 20:00	26439	9.28	151.2	12.74	17.1	5.657	157.1	20.04	11.74	94.2	94.9	20.42	20.37	0	232.9	26.46	6.7	-0.025	16.1
7/30/2012 21:00	26440	8.08	149.7	6.849	13.52	4.042	152.8	15.18	9.95	90.5	89.8	24.4	25.14	0	46.17	26.45	6.659	-0.041	16.26
7/30/2012 22:00	26441	7.084	140.6	5.172	9.95	2.429	129.1	12.48	4.578	85	81.8	30.44	33.83	0	0.096	26.43	6.65	-0.009	15.93
7/30/2012 23:00	26442	7.822	138.4	6.175	11.74	3.29	132.7	17.09	6.368	82.3	79.5	34.39	37.03	0	0.017	26.43	6.638	-0.012	16.17
7/31/2012 0:00	26443	7.736	147.8	6.691	9.95	3.24	144	15.7	6.368	79.7	77.6	39.38	41.08	0	0.023	26.44	6.629	-0.009	11.68
7/31/2012 1:00	26444	7.596	148.5	5.939	20.68	3.186	142.9	15.44	9.95	77.83	75.68	43.78	45.55	0	0.024	26.44	6.617	-0.012	11.72
7/31/2012 2:00	26445	6.707	155.1	13.76	9.95	2.179	141.6	21.83	4.578	76.94	73.88	45.63	49	0	0.024	26.43	6.605	-0.012	15.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/31/2012 3:00	26446	2.878	208.4	22.48	6.368	0.777	101.6	40.74	2.789	75.44	72.57	47.89	51.69	0	0.023	26.42	6.601	-0.003	11.89
7/31/2012 4:00	26447	2.915	167.3	13.33	4.578	0.347	97.9	3.431	2.789	75.55	72.52	46.89	50.77	0	0.03	26.41	6.598	-0.003	15.05
7/31/2012 5:00	26448	2.454	181.9	22.88	6.368	0.213	172.3	9.32	4.578	74.32	71.58	48.95	53.11	0	0.022	26.41	6.592	-0.006	12.05
7/31/2012 6:00	26449	4.246	166.5	27.3	8.16	0.37	129.6	5.62	2.789	72.41	69	53.64	58.13	0	0.021	26.41	6.589	-0.003	16.33
7/31/2012 7:00	26450	4.377	188.6	38.46	8.16	0.516	266.9	34.92	4.578	71.66	68.47	56.52	60.27	0	0.18	26.4	6.589	0	12.08
7/31/2012 8:00	26451	2.471	176.9	23.97	4.578	0.043	74.25	2.002	2.789	73.38	70.7	54.05	57.89	0	46.63	26.41	6.579	-0.01	11.69
7/31/2012 9:00	26452	6.298	159.1	14.67	13.52	3.531	166.1	18.24	9.95	78.23	79.02	49.54	48.21	0	232.7	26.44	6.568	-0.011	12.06
7/31/2012 10:00	26453	9.04	171.5	12.06	13.52	5.872	174.5	19.52	9.95	82.8	84.5	44.13	41.75	0	445	26.49	6.564	-0.004	16.7
7/31/2012 11:00	26454	8.1	172.1	17.49	13.52	5.493	176.1	23.89	9.95	87.8	89.7	37.4	35.4	0	640.1	26.52	6.561	-0.004	11.94
7/31/2012 12:00	26455	9.18	157.7	22.06	20.68	6.139	162.6	29.18	15.31	91.4	93.7	30.22	28.53	0	819	26.54	6.557	-0.004	11.85
7/31/2012 13:00	26456	10.71	142.5	20.54	18.89	7.051	146.4	27.9	15.31	93.4	96.3	25.59	23.87	0	942	26.55	6.547	-0.01	16.6
7/31/2012 14:00	26457	10.45	164.7	33.43	20.68	6.91	170.2	37.42	15.31	95.4	98.1	20.93	19.61	0	1003	26.54	6.525	-0.022	15.99
7/31/2012 15:00	26458	9.83	149.7	37.83	20.68	6.601	154.2	44.69	15.31	96.5	99.3	19.87	18.59	0	1004	26.53	6.509	-0.016	11.98
7/31/2012 16:00	26459	9.36	167.9	37.01	20.68	6.437	172.6	41.79	15.31	97.7	100.1	18.81	17.68	0	941	26.51	6.471	-0.038	11.88
7/31/2012 17:00	26460	9.32	142	33.86	22.47	6.304	144.8	40.95	15.31	98	100.4	17.86	17	0	818	26.5	6.421	-0.051	13.91
7/31/2012 18:00	26461	9.73	133.5	28.95	22.47	6.36	135.8	36.98	15.31	98	100	17.63	16.99	0	646.4	26.48	6.392	-0.029	16.43
7/31/2012 19:00	26462	9.2	157.7	19.8	20.68	5.905	163.4	27.62	13.52	97.8	99.4	17.34	16.86	0	446.5	26.46	6.37	-0.022	12.06
7/31/2012 20:00	26463	10.78	144.8	11.08	18.89	6.474	149.5	19.53	13.52	96.7	97.5	17.38	17.39	0	234.6	26.45	6.338	-0.032	12.06
7/31/2012 21:00	26464	9	143.7	10.26	17.1	4.95	147	19.07	13.52	93.5	92.9	20.16	20.78	0	45.05	26.44	6.313	-0.025	12.05
7/31/2012 22:00	26465	7.522	129.8	8.44	9.95	3.202	123.5	18.75	6.368	88	85.8	26.89	28.67	0	0.089	26.43	6.308	-0.006	11.91
7/31/2012 23:00	26466	8.2	125.3	6.686	11.74	3.524	120.2	16.61	6.368	84.7	82.1	30.2	32.47	0	0.015	26.43	6.298	-0.009	12.64
8/1/2012 0:00	26467	9.41	130.5	10.18	13.52	4.595	130.8	20.38	9.95	83.2	81.5	31.81	32.78	0	0.026	26.43	6.289	-0.009	13.67
8/1/2012 1:00	26468	7.823	134.9	6.836	20.68	3.601	133.5	17.86	8.16	80.9	79.12	36.44	37.38	0	0.034	26.44	6.28	-0.009	16.1
8/1/2012 2:00	26469	6.983	154	7.711	9.95	2.552	150.6	15.24	6.368	78.59	76.17	40.95	42.77	0	0.026	26.43	6.262	-0.018	16.72
8/1/2012 3:00	26470	5.568	164.4	7.048	8.16	1.189	161.4	9.4	4.578	76.4	74.16	45.15	46.82	0	0.022	26.42	6.243	-0.018	15.99
8/1/2012 4:00	26471	5.22	157.9	9.96	6.368	0.053	169.7	1.705	2.789	74.91	72.03	47.97	50.67	0	0.021	26.41	6.23	-0.013	12.1
8/1/2012 5:00	26472	4.465	152.2	11.71	6.368	0	0	0	0	74.18	71.22	49.1	51.93	0	0.021	26.4	6.227	-0.003	12.08
8/1/2012 6:00	26473	2.739	196.9	28.55	4.578	0	0	0	0	73.88	70.99	49.3	53.12	0	0.016	26.39	6.221	-0.006	11.86
8/1/2012 7:00	26474	2.726	186.7	27.97	4.578	0	0	0	0	73.98	71.18	49.68	52.97	0	0.214	26.4	6.221	0	11.64
8/1/2012 8:00	26475	3.706	173.9	19.86	6.368	0.282	192.7	4.667	4.578	73.9	72.34	52.04	52.64	0	47.87	26.4	6.215	-0.006	16.5
8/1/2012 9:00	26476	7.196	172.7	13.1	13.52	4.33	176.8	18.61	9.95	78.54	79.34	48.32	46.57	0	233.1	26.43	6.21	-0.005	16.57
8/1/2012 10:00	26477	12.27	167.5	10.6	18.89	7.457	171.6	18.45	13.52	83.7	85.2	40.99	38.89	0	408.1	26.47	6.206	-0.004	16.62
8/1/2012 11:00	26478	11.88	170.2	12.69	20.68	7.481	173.1	19.54	17.1	89	90.9	34.02	32.07	0	625.3	26.49	6.199	-0.007	11.84
8/1/2012 12:00	26479	10.81	169.7	17.09	20.68	6.981	174.1	23.11	13.52	93.6	95.9	26.35	24.78	0	806	26.51	6.193	-0.007	11.93
8/1/2012 13:00	26480	9.03	169.7	32.07	26.05	6.245	174.2	35.7	18.89	96.4	98.6	22.61	21.43	0	885	26.51	6.183	-0.01	11.91
8/1/2012 14:00	26481	7.057	156.2	54.74	18.89	5.098	164.5	59.96	13.52	99.2	100.9	19.55	18.93	0	990	26.51	6.17	-0.013	12.3
8/1/2012 15:00	26482	6.527	114.1	56.01	17.1	4.545	132.2	62.46	13.52	101.2	103.2	17.21	16.63	0	995	26.49	6.142	-0.029	11.63
8/1/2012 16:00	26483	7.43	100.1	73.8	18.89	4.662	152.1	82.8	18.89	102	103.7	15.62	15.06	0	933	26.48	6.113	-0.029	11.32
8/1/2012 17:00	26484	4.063	183.1	44.24	18.89	4.812	186.9	71.21	15.31	106.1	103.9	12.87	14.5	0	814	26.45	6.085	-0.029	11.8
8/1/2012 18:00	26485	7.208	193	46.5	15.31	5.024	197.8	44.2	11.74	102	103.2	14.76	14.55	0.11	633.5	26.43	5.4	-0.685	11.83
8/1/2012 19:00	26486	7.493	158.5	51.33	15.31	5.152	166.2	53.81	11.74	101.2	102.4	14.57	14.44	0	439.8	26.41	5.375	-0.025	13.04
8/1/2012 20:00	26487	7.907	130.6	33.01	15.31	4.782	135.8	42.32	11.74	100.1	100.6	14.27	14.69	0	226.2	26.4	5.35	-0.025	16.13
8/1/2012 21:00	26488	9.97	136.6	8.95	15.31	5.575	140.8	17.65	11.74	96.4	95.7	15.56	16.34	0	39.73	26.39	5.312	-0.038	11.37
8/1/2012 22:00	26489	9.13	132.1	6.975	13.52	4.529	135	17.1	9.95	90.5	89.1	19.32	20.32	0	0.079	26.38	5.287	-0.025	12
8/1/2012 23:00	26490	8.83	136.8	6.483	11.74	4.281	138.7	16.59	8.16	86.7	84.9	22.89	24.01	0	0.018	26.38	5.274	-0.013	12.07

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/2/2012 0:00	26491	8.29	149.7	8.8	13.52	3.73	150.7	15.93	8.16	83.8	82.1	26.73	27.74	0	0.032	26.37	5.268	-0.006	11.77
8/2/2012 1:00	26492	8.47	168.5	8.22	11.74	4.106	171	16.62	8.16	81.4	79.66	29.87	30.73	0	0.023	26.37	5.259	-0.009	11.35
8/2/2012 2:00	26493	8.74	173.4	8.14	13.52	4.569	176.5	16.23	8.16	81	79.66	30.15	30.63	0	0.037	26.36	5.247	-0.013	13.81
8/2/2012 3:00	26494	7.221	169.6	7.293	11.74	3.115	171	15.36	6.368	78.35	76.56	32.88	33.9	0	0.025	26.36	5.24	-0.006	15.91
8/2/2012 4:00	26495	6.952	166.6	7.425	9.95	2.649	167.6	15.36	6.368	76.75	74.42	34.92	36.53	0	0.017	26.34	5.232	-0.009	11.87
8/2/2012 5:00	26496	5.367	173.9	12.92	8.16	1.115	181.6	11.8	4.578	74.77	72.33	37.61	39.46	0	0.017	26.33	5.229	-0.003	16.07
8/2/2012 6:00	26497	4.437	156.6	18.41	6.368	0.067	111.9	2.481	2.789	73.33	70.5	39.52	42.15	0	0.014	26.31	5.225	-0.003	16.1
8/2/2012 7:00	26498	6.057	150.1	9.79	9.95	1.883	148.1	16.77	6.368	73.58	71.33	41.21	42.76	0	0.577	26.3	5.219	-0.006	14.76
8/2/2012 8:00	26499	3.882	151.2	25.12	8.16	0.529	154.1	22.46	4.578	73.85	72.49	43.24	44.2	0	55.11	26.31	5.216	-0.003	12.08
8/2/2012 9:00	26500	7.93	174.5	13.76	15.31	4.933	178.7	19.29	11.74	78.85	79.54	39.09	37.91	0	237	26.34	5.211	-0.005	11.99
8/2/2012 10:00	26501	11.44	176.6	11.7	17.1	7.149	180.2	18.48	13.52	83.8	85.7	34.31	32.33	0	488.6	26.38	5.201	-0.01	16.22
8/2/2012 11:00	26502	9.33	195.3	16.5	15.31	6.42	197.7	20.16	11.74	87.5	89	31.34	29.74	0	536.9	26.4	5.198	-0.004	11.89
8/2/2012 12:00	26503	7.189	184.8	24.84	13.52	5.19	188.6	30.13	11.74	91.9	93.5	27.64	26.21	0	812	26.42	5.191	-0.007	16.34
8/2/2012 13:00	26504	6.516	203.2	38.98	15.31	4.887	209.2	41.3	11.74	95.9	97.1	24.35	23.23	0	932	26.43	5.185	-0.006	15.35
8/2/2012 14:00	26505	6.974	206.9	41.05	22.47	5.246	211.5	41.45	20.68	99.1	100.2	21.78	20.85	0	994	26.42	5.166	-0.019	15.65
8/2/2012 15:00	26506	6.683	189.7	53.93	17.1	4.883	196.3	58.96	13.52	102.2	103.8	18.34	17.57	0	993	26.41	5.147	-0.019	14.34
8/2/2012 16:00	26507	7.164	165.3	52.99	13.52	5.045	172.9	55.35	11.74	104.4	106.2	14.85	14.4	0	896	26.39	5.115	-0.032	16.51
8/2/2012 17:00	26508	7.078	26.73	81.8	17.1	5.031	19.54	80	13.52	103.2	104.3	13.34	13.12	0	569.9	26.37	5.09	-0.025	14.55
8/2/2012 18:00	26509	5.516	87.4	62.42	15.31	3.616	81.4	58.46	13.52	104.9	105.7	12.15	12.35	0	586.1	26.35	5.074	-0.016	14.98
8/2/2012 19:00	26510	8.62	99.3	60.45	20.68	5.606	98.3	62.71	13.52	103.8	105.1	12.41	12.35	0	450.3	26.33	5.039	-0.035	11.83
8/2/2012 20:00	26511	8.1	119.8	35.3	15.31	4.759	122.4	43.23	11.74	102.4	103	12.7	13.13	0	205.8	26.32	5.014	-0.025	11.83
8/2/2012 21:00	26512	8.48	141.5	8.77	13.52	4.373	144.4	16.69	9.95	98.5	97.5	15.33	16.24	0	31.04	26.31	4.973	-0.041	12.04
8/2/2012 22:00	26513	9.68	142.6	8.56	15.31	4.934	144.8	16.88	9.95	93	91.5	18.93	19.87	0	0.059	26.31	4.954	-0.018	16.21
8/2/2012 23:00	26514	12.15	146.2	8.34	18.89	6.605	147.6	16.66	11.74	90.7	89.7	21.64	21.93	0	0.019	26.31	4.942	-0.013	16.06
8/3/2012 0:00	26515	11.22	160.6	8.84	17.1	6.118	163.1	17.61	11.74	88	87.1	26.49	26.57	0	0.032	26.32	4.926	-0.016	11.83
8/3/2012 1:00	26516	11.25	170.5	8.33	27.84	6.288	173.8	17.44	13.52	85.9	85	28.18	28.16	0	0.032	26.32	4.907	-0.019	16.67
8/3/2012 2:00	26517	10.01	173.2	8.29	15.31	5.622	176.9	16.23	9.95	83.4	82.5	29.66	29.62	0	0.031	26.32	4.891	-0.016	12.05
8/3/2012 3:00	26518	7.759	173.5	8.78	11.74	3.818	175.9	17.04	8.16	80.7	79.38	33.69	33.86	0	0.029	26.31	4.872	-0.019	16.61
8/3/2012 4:00	26519	8.11	163.3	8.31	11.74	4.031	164.5	17.23	8.16	79.03	77.79	38.29	38.26	0	0.032	26.29	4.87	-0.002	11.85
8/3/2012 5:00	26520	7.802	172.9	12.6	13.52	4.086	177.4	20.24	8.16	78.72	77.96	40.54	39.94	0	0.039	26.28	4.863	-0.007	11.3
8/3/2012 6:00	26521	5.569	172.7	18.6	9.95	1.709	171.5	21.59	6.368	76.63	75.06	44.24	44.66	0	0.021	26.27	4.86	-0.003	16.03
8/3/2012 7:00	26522	4.511	193.7	22.01	8.16	0.883	216.9	23.59	4.578	74.94	72.81	47.02	48.41	0	0.189	26.26	4.857	-0.003	11.8
8/3/2012 8:00	26523	6.263	179	12.78	11.74	2.782	185	18.44	8.16	75.38	74.12	48.73	48.79	0	47.82	26.26	4.854	-0.003	16.29
8/3/2012 9:00	26524	10.31	176.3	11.54	18.89	6.293	180	17.69	13.52	79.67	80.4	44.41	42.44	0	228.6	26.29	4.85	-0.004	11.83
8/3/2012 10:00	26525	11.71	165	14.06	18.89	7.165	168.8	20.83	13.52	82.6	84.4	40.76	38.09	0	436.1	26.32	4.843	-0.007	13.64
8/3/2012 11:00	26526	8.26	167.5	23.31	17.1	5.453	172.7	29.73	11.74	87.1	89.1	35.5	33.27	0	632	26.35	4.837	-0.007	16.46
8/3/2012 12:00	26527	6.911	141.9	30.68	17.1	4.546	143.9	38.07	11.74	92	94.2	29.84	28.18	0	815	26.39	4.827	-0.01	11.33
8/3/2012 13:00	26528	10.2	138	26.43	18.89	6.584	139.8	34.52	13.52	95.1	97.9	25.66	23.8	0	939	26.39	4.814	-0.013	16.14
8/3/2012 14:00	26529	12.37	144	15.36	20.68	7.92	148.2	23.94	17.1	98	101.3	22.06	20.12	0	1002	26.39	4.792	-0.022	11.91
8/3/2012 15:00	26530	12.45	145.6	23.91	24.26	7.923	150.6	30.31	17.1	100.8	104	16.99	15.61	0	1004	26.37	4.751	-0.041	15
8/3/2012 16:00	26531	12.94	145.4	19.27	27.84	8.02	148.6	26.83	18.89	102.4	105.5	12.66	11.78	0	944	26.35	4.709	-0.041	11.88
8/3/2012 17:00	26532	12.66	161.8	28.99	24.26	8.19	166.5	35.82	18.89	103.6	106.1	7.431	7.273	0	828	26.34	4.659	-0.051	13.57
8/3/2012 18:00	26533	13.6	166.6	28.69	26.05	8.54	170.2	34.18	18.89	103.6	105.7	6.628	6.686	0	654.3	26.32	4.624	-0.035	16.48
8/3/2012 19:00	26534	14.23	182.6	22.99	26.05	9.11	186.1	26.44	18.89	102.5	104	7.765	7.862	0	453.4	26.31	4.573	-0.051	12
8/3/2012 20:00	26535	14.81	161.8	20.24	22.47	8.74	165.5	24.98	17.1	100.7	101.5	13.67	13.59	0	235.1	26.3	4.538	-0.035	16.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
8/3/2012 21:00	26536	14.45	148	7.726	22.47	7.935	151.2	17.25	15.31	96.8	96.4	18.54	18.68	0	37.88	26.3	4.5	-0.038	12.01	
8/3/2012 22:00	26537	12.69	151.1	8.42	20.68	6.975	154.5	16.83	13.52	92.7	91.9	20.78	21	0	0.043	26.3	4.488	-0.012	12.02	
8/3/2012 23:00	26538	13.01	158.7	8.52	22.47	7.12	161.3	16.87	13.52	89.9	89.1	24.53	24.47	0	0.021	26.31	4.476	-0.013	12	
8/4/2012 0:00	26539	15.29	162.3	9.11	26.05	8.59	165.6	17.37	17.1	87.8	87.3	32.33	31.72	0	0.027	26.32	4.463	-0.013	12.14	
8/4/2012 1:00	26540	15.11	164.6	8.37	43.94	8.41	167	17	22.47	85.9	85.3	35.32	34.58	0	0.038	26.32	4.444	-0.019	16.63	
8/4/2012 2:00	26541	15.08	165.7	8.43	26.05	8.44	169	17.49	18.89	84.1	83.6	39.79	38.84	0	0.032	26.32	4.434	-0.009	14.18	
8/4/2012 3:00	26542	13.92	165.8	8.98	20.68	7.637	169.3	17.7	15.31	82.6	82	42.45	41.48	0	0.039	26.32	4.428	-0.006	15.8	
8/4/2012 4:00	26543	12.84	165.2	8.57	20.68	7.093	167.5	17.26	15.31	81.3	80.7	42.58	41.7	0	0.037	26.32	4.422	-0.006	15.74	
8/4/2012 5:00	26544	11.68	166.7	8.53	18.89	6.505	169.7	17.74	13.52	79.96	79.27	42.85	42.04	0	0.035	26.31	4.409	-0.013	11.65	
8/4/2012 6:00	26545	10.12	153.8	53.59	17.1	5.644	155	55.59	11.74	78.49	77.75	44.33	43.52	0	0.03	26.31	4.4	-0.009	12.97	
8/4/2012 7:00	26546	7.539	110.8	32.13	15.31	4.052	111.1	38.02	11.74	77.57	76.51	46.66	46.2	0	0.156	26.32	4.391	-0.009	12.04	
8/4/2012 8:00	26547	7.09	104.9	30.28	13.52	3.804	102.2	35.73	8.16	76.25	75.5	51.36	50.41	0	42.34	26.33	4.385	-0.006	15.92	
8/4/2012 9:00	26548	7.95	124.3	24.7	17.1	4.692	128.3	28.49	11.74	78.29	79.5	56.56	52.84	0	222.9	26.36	4.381	-0.004	11.79	
8/4/2012 10:00	26549	11.33	146	14.33	20.68	6.812	149.3	22.07	13.52	80.5	82.7	57.06	52.14	0	434.6	26.39	4.377	-0.003	12.9	
8/4/2012 11:00	26550	11.37	160.4	14.69	17.1	7.144	164.6	22.17	13.52	85.4	87.7	48	43.95	0	630.2	26.42	4.374	-0.003	16.79	
8/4/2012 12:00	26551	12.24	157.5	16.08	20.68	7.829	161.5	24.25	15.31	90.1	92.8	40.16	36.58	0	808	26.44	4.364	-0.01	12.04	
8/4/2012 13:00	26552	12.99	153.3	17.35	20.68	8.07	157.2	24.69	17.1	93.8	97	33.48	30.16	0	933	26.45	4.339	-0.025	11.95	
8/4/2012 14:00	26553	12.45	149.1	19.26	22.47	7.87	152.8	27.89	17.1	96.8	100	28.12	25.42	0	991	26.45	4.316	-0.022	11.83	
8/4/2012 15:00	26554	13	142.7	22.07	22.47	8.19	147.2	30	17.1	98.6	102.1	24.37	21.94	0	994	26.44	4.278	-0.038	12.05	
8/4/2012 16:00	26555	13.51	133	23.39	27.84	8.51	135.3	32.2	22.47	100.4	103.5	16.91	15.55	0	937	26.43	4.237	-0.041	12.04	
8/4/2012 17:00	26556	14.24	137.9	21.5	26.05	8.78	139.4	29.45	20.68	100.9	103.8	13.4	12.48	0	817	26.43	4.19	-0.048	14.71	
8/4/2012 18:00	26557	13.93	150.9	17.8	24.26	8.4	154.9	24.58	17.1	100.2	102.6	13.8	13	0	642.5	26.43	4.152	-0.038	16.29	
8/4/2012 19:00	26558	15.07	144.1	15.08	26.05	9	148.2	23.62	18.89	98.7	100.5	15.44	14.72	0	436.3	26.43	4.12	-0.032	13.19	
8/4/2012 20:00	26559	14.51	132.9	14.66	24.26	8.26	136.3	23.38	18.89	97.3	98.1	16.41	16.17	0	223.3	26.42	4.098	-0.022	15.93	
8/4/2012 21:00	26560	14.92	130.6	8.58	24.26	8.54	135.1	19.27	17.1	93.9	93.6	23.04	22.74	0	34.15	26.43	4.076	-0.022	11.8	
8/4/2012 22:00	26561	12.66	137.7	8.81	20.68	7.134	141.6	17.81	13.52	89.9	89.3	28.89	28.44	0	0.049	26.43	4.064	-0.012	16.07	
8/4/2012 23:00	26562	11.08	143.2	8.38	15.31	6.259	146.1	16.81	13.52	86.7	86	33.26	32.68	0	0.024	26.44	4.045	-0.019	12.05	
8/5/2012 0:00	26563	10.34	148.9	8.43	17.1	5.604	152.1	17.35	13.52	84.3	83.5	36.45	35.86	0	0.033	26.46	4.029	-0.016	15.83	
8/5/2012 1:00	26564	5.459	166.2	8.46	17.1	1.267	163.7	9.16	6.368	80.2	78.19	42.16	43	0	0.028	26.48	4.023	-0.006	14.12	
8/5/2012 2:00	26565	5.07	185.5	7.611	8.16	0.848	176.7	6.798	4.578	78.73	75.62	43.95	46.15	0	0.024	26.48	4.02	-0.003	15.88	
8/5/2012 3:00	26566	4.025	165.9	10.12	6.368	0.017	146.6	0.723	2.789	76.95	74.42	46.87	48.16	0	0.031	26.48	4.014	-0.006	11.57	
8/5/2012 4:00	26567	2.268	140.3	63.21	4.578	0.001	0.483	0.001	2.789	76.65	74.18	48.44	50.02	0	0.027	26.49	4.011	-0.003	12.08	
8/5/2012 5:00	26568	6.075	0.4	10.81	15.31	2.744	355.5	6.767	11.74	76.33	74.61	49.81	50.13	0	0.032	26.5	4.008	-0.003	12.07	
8/5/2012 6:00	26569	6.627	5.256	13.88	11.74	3.96	2.044	19.73	9.95	75.25	74.64	52.66	50.99	0	0.033	26.52	3.998	-0.01	12.62	
8/5/2012 7:00	26570	7.731	20.35	14.9	15.31	5.066	21.27	16.21	13.52	73.74	73.36	55.6	53.37	0	0.154	26.53	3.995	-0.003	16.75	
8/5/2012 8:00	26571	10.57	31.41	11.07	18.89	6.181	28.28	13.42	13.52	71.75	71.82	60.37	57.21	0	36.6	26.55	3.992	-0.003	16.43	
8/5/2012 9:00	26572	11.35	43.99	10.74	18.89	6.099	38.73	15.12	11.74	74.11	74.7	57.21	53.73	0	209.2	26.57	3.982	-0.01	12.07	
8/5/2012 10:00	26573	10.44	63.04	14.33	15.31	6.347	57.03	20.89	11.74	78.33	79.85	50.14	46.54	0	420.6	26.6	3.975	-0.007	12.06	
8/5/2012 11:00	26574	9.38	64.54	16.43	17.1	5.935	57.94	23.44	11.74	83	84.8	44.03	40.84	0	614	26.63	3.968	-0.007	14.3	
8/5/2012 12:00	26575	9.27	43.43	21.52	17.1	5.952	37.15	25.31	15.31	85.9	87.5	41.01	37.85	0	788.2	26.65	3.962	-0.007	11.84	
8/5/2012 13:00	26576	10.51	63.24	25.77	20.68	6.792	58.43	31.45	15.31	88.2	90.4	38.22	34.92	0	912	26.66	3.939	-0.022	11.95	
8/5/2012 14:00	26577	12.2	92.8	24.66	26.05	7.952	91.8	33.84	18.89	90.4	93.3	34.4	31.21	0	965	26.65	3.917	-0.022	15.9	
8/5/2012 15:00	26578	11.9	94	22.17	27.84	7.829	92.1	31.34	20.68	92.5	95.4	31.84	28.87	0	927	26.64	3.879	-0.038	16.82	
8/5/2012 16:00	26579	12.33	104.6	20.97	27.84	8.02	102.9	31.08	18.89	93.4	96.1	29.4	26.86	0	804	26.62	3.854	-0.025	12.04	
8/5/2012 17:00	26580	11.94	101.1	24.54	22.47	7.527	99	35.59	17.1	93.9	96.4	28.6	26.29	0	709.5	26.6	3.822	-0.032	15.99	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/5/2012 18:00	26581	12.14	108.2	15.32	22.47	7.672	108.1	27.34	18.89	93.9	96	28.45	26.38	0	518.8	26.58	3.8	-0.022	16.87
8/5/2012 19:00	26582	12.99	109.3	16.59	24.26	8.1	110.2	26.64	17.1	93.3	94.7	29.2	27.47	0	321.8	26.57	3.774	-0.025	17
8/5/2012 20:00	26583	11.83	120.5	16.15	22.47	7.018	122.6	24.89	17.1	92	92.5	30.16	29.01	0	102.6	26.56	3.762	-0.012	11.82
8/5/2012 21:00	26584	9.76	105.3	11.83	18.89	5.779	104.5	22.91	13.52	90.1	89.9	31.96	31.16	0	12.12	26.55	3.721	-0.041	12.02
8/5/2012 22:00	26585	8.53	113.7	8.93	15.31	4.538	112.4	20.49	11.74	87.6	86.8	36.16	35.57	0	0.044	26.55	3.709	-0.013	16.85
8/5/2012 23:00	26586	9.48	77.05	15.34	22.47	5.49	74.2	22.43	15.31	84.6	84.4	44.32	42.86	0	0.031	26.56	3.696	-0.013	16.41
8/6/2012 0:00	26587	6.042	83.8	8.84	9.95	2.906	78.2	15.96	6.368	82.9	82	46.96	46.47	0	0.033	26.57	3.69	-0.006	15.59
8/6/2012 1:00	26588	6.014	89.7	11.84	9.95	2.886	80.3	15.91	8.16	81.5	80.3	47.14	47.08	0	0.04	26.57	3.683	-0.006	16.97
8/6/2012 2:00	26589	7.218	95.8	12.67	9.95	3.558	90.7	19.28	6.368	79.59	78.49	49.14	48.86	0	0.033	26.57	3.68	-0.003	11.66
8/6/2012 3:00	26590	7.909	132.5	10.61	13.52	3.798	131.9	19.12	8.16	78.47	77.37	47.2	46.75	0	0.035	26.56	3.671	-0.009	11.94
8/6/2012 4:00	26591	6.328	148.3	7.127	8.16	2.195	143.1	14.27	4.578	76.24	74.61	50.43	50.54	0	0.031	26.56	3.668	-0.003	16.47
8/6/2012 5:00	26592	5.129	164.1	10.29	9.95	1.05	153.5	10.04	6.368	74.85	73.08	53.31	53.45	0	0.028	26.55	3.665	-0.003	12.04
8/6/2012 6:00	26593	4.535	190.6	10.42	9.95	1.046	191.9	9.4	6.368	72.67	70.93	57.43	57.31	0	0.022	26.54	3.662	-0.003	12.05
8/6/2012 7:00	26594	3.483	195.8	11.11	6.368	0.194	185.6	3.617	4.578	71.21	69.7	61.41	60.68	0	0.101	26.54	3.659	-0.003	12.03
8/6/2012 8:00	26595	2.989	197.8	16.04	6.368	0.023	217.2	1.045	2.789	71.56	69.98	62.75	61.82	0	39.4	26.55	3.656	-0.003	16.7
8/6/2012 9:00	26596	6.121	193.1	13.12	11.74	4.024	197.7	15.85	8.16	75.48	76.43	60.99	56.87	0	217.8	26.58	3.649	-0.007	17.04
8/6/2012 10:00	26597	7.012	200.8	16.29	11.74	5.089	203.7	19.43	9.95	80.2	81.8	54.81	50.71	0	429.8	26.61	3.648	0	13.61
8/6/2012 11:00	26598	5.675	226.7	28.35	9.95	4.283	226.1	30.34	9.95	86.1	87.1	42.99	40.23	0	627.8	26.63	3.645	-0.004	17.02
8/6/2012 12:00	26599	5.345	188.3	52.42	15.31	3.698	198.9	48.62	13.52	90.5	91.8	34.96	32.86	0	802	26.65	3.638	-0.006	12.02
8/6/2012 13:00	26600	6.433	150.5	49.9	17.1	4.385	150.5	51.53	13.52	93.4	95.3	29.36	27.55	0	927	26.65	3.625	-0.013	12.71
8/6/2012 14:00	26601	8.09	145.7	43.1	20.68	5.394	149.6	46.45	15.31	94.3	97.1	27.64	25.36	0	985	26.63	3.61	-0.016	15.92
8/6/2012 15:00	26602	8.79	142.1	33.29	20.68	5.754	151	40.27	15.31	95.5	98.6	26.31	23.93	0	987	26.61	3.581	-0.029	11.99
8/6/2012 16:00	26603	8.9	145.7	36.59	20.68	6.126	149.5	43.98	15.31	97.6	100	23.47	21.71	0	966	26.59	3.546	-0.035	16.67
8/6/2012 17:00	26604	9.72	125.2	35.02	18.89	6.423	126.8	42.62	15.31	98.2	100.8	20.72	19.15	0	832	26.57	3.518	-0.029	16.65
8/6/2012 18:00	26605	8.69	131.6	35.24	18.89	5.685	131.3	41.99	13.52	98.2	100.3	19.5	18.32	0	622.1	26.55	3.47	-0.048	11.83
8/6/2012 19:00	26606	10.05	136.2	29.6	20.68	6.256	139.6	36.99	15.31	96	97.1	20.67	19.86	0	254.3	26.53	3.445	-0.025	17.02
8/6/2012 20:00	26607	9.66	142.7	18.1	18.89	5.726	145.7	26.32	15.31	95.9	96.9	20.47	19.91	0	214	26.51	3.416	-0.028	11.57
8/6/2012 21:00	26608	8.5	141.5	8.02	15.31	4.609	144.2	16.97	11.74	92.8	92.2	22.88	22.94	0	30.37	26.5	3.395	-0.022	11.78
8/6/2012 22:00	26609	6.995	138.5	7.586	9.95	2.631	134.7	17.48	6.368	88.2	85.9	27.23	28.58	0	0.039	26.49	3.388	-0.006	11.97
8/6/2012 23:00	26610	7.506	135.1	7.015	9.95	2.959	131.1	16.79	4.578	85.4	82.8	29.83	31.3	0	0.02	26.48	3.379	-0.01	15.92
8/7/2012 0:00	26611	7.52	137.9	6.661	9.95	3.011	132.8	16.36	6.368	82.8	80.5	33.51	34.57	0	0.027	26.47	3.376	-0.003	12.01
8/7/2012 1:00	26612	7.568	140.7	6.106	11.74	3.131	136.8	16.21	6.368	80.5	78.36	35.75	36.81	0	0.022	26.46	3.37	-0.006	16.6
8/7/2012 2:00	26613	6.184	156.1	11.5	11.74	2.185	159.1	18.11	8.16	78.79	77.34	38.84	38.94	0	0.022	26.45	3.364	-0.006	16.58
8/7/2012 3:00	26614	5.249	170.3	20.61	8.16	0.833	144	10.25	4.578	77.65	74.91	41.62	43.15	0	0.02	26.45	3.361	-0.003	16.43
8/7/2012 4:00	26615	4.76	185.3	8.94	6.368	0.376	145.8	5.285	2.789	75.97	72.91	44.98	46.62	0	0.026	26.44	3.361	0	12
8/7/2012 5:00	26616	5.751	163.7	5.461	8.16	1.255	154.6	10.57	4.578	74.21	71.23	49.13	50.77	0	0.021	26.42	3.355	-0.006	12.02
8/7/2012 6:00	26617	5.882	179.2	15.73	9.95	2.085	174.4	16.61	6.368	73.08	71.81	53.05	52.32	0	0.015	26.43	3.351	-0.003	13.1
8/7/2012 7:00	26618	5.451	176.8	9.31	8.16	0.749	169.1	9.41	4.578	71.94	69.75	55.9	56.31	0	0.078	26.43	3.348	-0.003	16.12
8/7/2012 8:00	26619	3.838	198	17.94	6.368	0.091	196.2	2.846	2.789	72.31	70.81	56.46	56.12	0	37.11	26.43	3.345	-0.003	12.09
8/7/2012 9:00	26620	3.625	197.9	14.7	8.16	1.721	203.5	13.95	6.368	75.46	75.61	53.5	51.51	0	170.2	26.45	3.345	0	16.26
8/7/2012 10:00	26621	7.545	212	13.93	13.52	5.599	213.8	16.89	11.74	84.2	85.4	42.11	39.51	0	455	26.49	3.344	-0.001	12.02
8/7/2012 11:00	26622	10.62	204.4	16.82	17.1	7.532	205.9	18.81	13.52	88.9	90.5	36.11	33.54	0	670.6	26.53	3.334	-0.01	11.82
8/7/2012 12:00	26623	8.34	204.5	26.39	17.1	6.049	206.3	27.01	15.31	92.2	93.9	31.81	29.49	0	822	26.56	3.318	-0.016	16.11
8/7/2012 13:00	26624	7.139	216.4	35.71	17.1	5.394	219.3	36.36	13.52	95.5	97	27.26	25.3	0	952	26.56	3.302	-0.016	15.54
8/7/2012 14:00	26625	9.64	175	48.52	22.47	6.696	179.7	49.3	15.31	96.6	99	24.15	22.17	0	978	26.55	3.274	-0.029	16.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/7/2012 15:00	26626	9.88	153	31.57	20.68	6.599	157.4	36.88	15.31	97.8	100.9	20.9	19.09	0	1004	26.54	3.223	-0.051	16.67
8/7/2012 16:00	26627	10.63	162.2	36.26	22.47	7.151	165.9	38.66	17.1	98.5	101.3	21.43	19.58	0	946	26.52	3.194	-0.029	12.01
8/7/2012 17:00	26628	10.47	178.6	40.38	20.68	7.139	185.2	45.66	15.31	98.8	101.3	20.9	19.11	0	824	26.49	3.153	-0.041	11.99
8/7/2012 18:00	26629	9.85	153.3	32.35	20.68	6.43	158	37.26	15.31	98.6	100.8	19.56	18.26	0	555.4	26.47	3.118	-0.035	14.03
8/7/2012 19:00	26630	11.72	154.8	21.78	20.68	7.23	158.6	27.54	15.31	97.6	99.3	20.4	19.25	0	378.9	26.46	3.099	-0.019	14.81
8/7/2012 20:00	26631	9.29	151.9	12.15	17.1	5.399	155.7	19.6	13.52	95.3	95.7	22.38	21.77	0	97.4	26.44	3.077	-0.022	16.39
8/7/2012 21:00	26632	8.06	150.3	10.33	13.52	4.435	152.8	17.79	9.95	93.9	93.6	23.3	23.03	0	21.95	26.42	3.068	-0.009	16.29
8/7/2012 22:00	26633	7.504	142.9	12.37	13.52	3.805	143.2	20.04	9.95	91	90.1	25.99	26	0	0.031	26.43	3.056	-0.013	13.99
8/7/2012 23:00	26634	7.514	139.8	8.28	11.74	3.545	140.4	17.01	6.368	88.6	87.6	27.4	27.54	0	0.028	26.43	3.049	-0.006	11.66
8/8/2012 0:00	26635	8.57	132.4	8.62	13.52	4.242	132.5	18.48	9.95	85.7	84.4	29.54	29.83	0	0.026	26.43	3.046	-0.003	15.63
8/8/2012 1:00	26636	8.35	141.5	7.525	22.47	4.188	142	16.8	9.95	84	82.8	30.92	30.96	0	0.03	26.42	3.043	-0.003	12.01
8/8/2012 2:00	26637	6.802	140.2	7.687	9.95	2.502	130.5	16.38	6.368	81.7	79.56	32.69	33.93	0	0.028	26.42	3.037	-0.006	13.57
8/8/2012 3:00	26638	7.083	138.3	8.26	11.74	2.474	132.8	15.51	6.368	80	77.79	33.98	35.21	0	0.026	26.41	3.031	-0.006	11.98
8/8/2012 4:00	26639	6.91	151.4	6.513	11.74	2.102	145.3	13	6.368	78.13	75.67	36.13	37.61	0	0.025	26.41	3.025	-0.006	12.03
8/8/2012 5:00	26640	9.27	154.6	9.36	13.52	4.78	155.7	18.16	9.95	78.49	77.71	37.4	36.76	0	0.031	26.41	3.015	-0.01	15.82
8/8/2012 6:00	26641	13.91	72.03	31.25	31.42	8.28	67.1	36.91	24.26	81	80.8	40.45	38.94	0	0.059	26.45	3.008	-0.007	15.82
8/8/2012 7:00	26642	12.61	93.4	11.37	26.05	7.809	91.2	20.7	18.89	75.02	75.13	59.64	56.41	0	0.056	26.47	2.999	-0.009	16.34
8/8/2012 8:00	26643	7.899	111.3	18.43	13.52	4.578	112	26.18	9.95	74.27	74.19	62.3	59.33	0	7.101	26.47	2.993	-0.006	11.57
8/8/2012 9:00	26644	8.01	133.3	9.77	15.31	4.459	135.8	19.05	9.95	76.15	75.81	58.85	58.19	0	66.97	26.48	2.996	0.003	15.11
8/8/2012 10:00	26645	13.22	61.33	33.16	26.05	7.118	55.51	35.65	17.1	75.88	75.45	63.8	62.81	0	69.48	26.51	2.993	-0.003	14.38
8/8/2012 11:00	26646	12.49	18.3	14.2	22.47	8.48	15.3	15.52	18.89	72.94	73.17	74.87	71.33	0	132.2	26.54	2.996	0.003	12.05
8/8/2012 12:00	26647	8.63	49.63	15.2	13.52	4.819	45.11	20.3	9.95	74.81	75.07	70.35	67.4	0	157.7	26.53	2.993	-0.004	16.71
8/8/2012 13:00	26648	6.371	79.44	17.32	9.95	3.837	74.87	23.85	8.16	76.31	76.42	69.62	67.98	0	163.4	26.52	2.993	0	12.21
8/8/2012 14:00	26649	4.19	152.6	44.11	9.95	2.617	164.7	42.84	8.16	79.21	79.5	61.3	59.28	0	228.4	26.51	2.995	0.003	12.02
8/8/2012 15:00	26650	5.045	236.8	44.14	9.95	3.621	237.4	43.65	8.16	82.1	82.7	53.44	50.66	0	299.7	26.52	2.995	0	12.01
8/8/2012 16:00	26651	3.315	276.8	38.91	8.16	2.042	269.1	25.12	6.368	85.3	85.6	43.78	41.87	0	335.2	26.52	2.992	-0.003	11.78
8/8/2012 17:00	26652	3.884	283.6	64.92	11.74	2.807	287.1	60.53	8.16	92.1	92.3	31.05	29.96	0	780.9	26.51	2.992	0	11.93
8/8/2012 18:00	26653	5.644	326.1	44.14	11.74	4.303	326.2	44.63	9.95	93.5	93.8	27.26	25.82	0	611.1	26.5	2.979	-0.013	12
8/8/2012 19:00	26654	3.439	48.5	72.84	11.74	2.213	25.08	62.3	9.95	93.9	94	26.38	25.7	0	330.8	26.49	2.963	-0.016	11.8
8/8/2012 20:00	26655	2.783	127.5	30.25	6.368	1.152	133.5	22.65	6.368	92.8	92.7	26.26	26.51	0	152	26.47	2.954	-0.01	12.38
8/8/2012 21:00	26656	6.617	129.8	21.73	11.74	3.17	127.6	24.79	8.16	89.3	88.4	30.11	30.28	0	14.09	26.47	2.948	-0.006	12.1
8/8/2012 22:00	26657	9.49	126.8	22.26	24.26	4.838	124.6	26.62	17.1	85.6	84.1	36.06	36.28	0	0.033	26.46	2.938	-0.009	16.8
8/8/2012 23:00	26658	8.72	164.4	13.7	17.1	4.341	165.6	18.75	13.52	80.6	80	47.95	46.56	0	0.037	26.48	2.929	-0.01	16.84
8/9/2012 0:00	26659	3.023	172.3	11.48	6.368	0.106	209.7	3.413	4.578	77.23	75.3	53.62	53.77	0	0.025	26.48	2.923	-0.006	11.8
8/9/2012 1:00	26660	5.376	175.4	10.73	20.68	1.596	185.5	11.06	9.95	76.17	74.63	56.19	55.63	0	0.024	26.48	2.914	-0.009	12.05
8/9/2012 2:00	26661	2.655	209.8	21.18	6.368	0	0	0	0	74.58	72.35	59.68	60	0	0.015	26.47	2.911	-0.003	12.04
8/9/2012 3:00	26662	0.367	284.2	6.685	4.578	0.023	93.3	0.746	2.789	73.43	71.24	62.17	61.76	0	0.015	26.46	2.908	-0.003	12.06
8/9/2012 4:00	26663	3.216	301.2	7.999	4.578	0.349	321.2	4.368	4.578	73.99	70.94	61	62.58	0	0.012	26.46	2.895	-0.013	12.06
8/9/2012 5:00	26664	2.954	332.8	22.59	6.368	0.72	328.5	4.574	4.578	73.61	71.13	61.69	62.35	0	0.019	26.45	2.892	-0.003	11.69
8/9/2012 6:00	26665	2.828	339.3	21.65	4.578	0.539	338.1	9.81	4.578	72.19	69.3	63.93	64.79	0	0.017	26.44	2.892	0	16.85
8/9/2012 7:00	26666	3.913	81.9	28.9	6.368	2.334	79.3	25.34	4.578	70.29	66.7	67.49	68.3	0	0.09	26.45	2.889	-0.003	12.06
8/9/2012 8:00	26667	3.574	31.44	14.1	6.368	1.09	47.36	10.65	4.578	70.7	69.16	66.93	65.71	0	37.41	26.45	2.889	0	12.3
8/9/2012 9:00	26668	4.271	26.16	11.5	6.368	2.311	24.88	14.05	6.368	75.13	75.84	60.72	56.67	0	217.2	26.48	2.876	-0.013	12.99
8/9/2012 10:00	26669	2.481	9.63	31.9	6.368	1.449	1.714	21.25	6.368	82.6	84.2	47.34	44.13	0	430.9	26.51	2.872	-0.004	11.9
8/9/2012 11:00	26670	3.104	3.893	73.73	8.16	2.084	349.6	60.3	8.16	88.5	89.3	38.34	36.43	0	627.1	26.55	2.871	0	12.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/9/2012 12:00	26671	5.432	30.99	63.92	15.31	3.858	21.53	64.47	11.74	91.5	92.2	32.95	31.4	0	804	26.58	2.865	-0.006	16.86
8/9/2012 13:00	26672	6.865	49.87	39.46	17.1	4.611	44.16	41.9	15.31	92.8	94.7	30.31	28.09	0	949	26.58	2.859	-0.006	12.03
8/9/2012 14:00	26673	7.727	56.44	39.51	20.68	5.239	49.63	45.95	15.31	94.2	95.9	25.66	24.07	0	927	26.57	2.833	-0.025	11.78
8/9/2012 15:00	26674	10.6	73.45	26.21	22.47	6.809	67.52	33.32	15.31	95.6	97.8	17.8	16.72	0	887	26.55	2.792	-0.041	12.03
8/9/2012 16:00	26675	10.34	82.2	32.1	24.26	6.898	79.98	41.47	17.1	96.5	98.9	17.5	16.31	0	922	26.53	2.754	-0.038	14.83
8/9/2012 17:00	26676	12.07	82.1	28.71	22.47	7.688	78.92	36.01	17.1	96.1	98.4	18.11	16.86	0	713.9	26.51	2.713	-0.041	11.81
8/9/2012 18:00	26677	12.87	74.17	20.05	26.05	8.1	68.96	27.55	18.89	96	97.6	17.18	16.31	0	603.5	26.48	2.691	-0.022	11.79
8/9/2012 19:00	26678	12.14	90	19.82	22.47	7.626	87.8	28.74	17.1	95.5	96.7	17.87	17.2	0	391.5	26.47	2.653	-0.038	11.98
8/9/2012 20:00	26679	13.1	74.99	14.07	22.47	7.977	70.29	22.79	17.1	95.2	95.7	15.57	15.44	0	184.2	26.47	2.627	-0.025	15.35
8/9/2012 21:00	26680	10.21	80.1	10.25	18.89	5.794	75.46	20.29	13.52	92.4	91.7	16.92	17.21	0	19.68	26.46	2.609	-0.019	14.72
8/9/2012 22:00	26681	7.57	74.85	6.574	11.74	3.691	69.97	16.14	6.368	87.7	85.9	20.69	21.7	0	0.038	26.45	2.602	-0.006	12.13
8/9/2012 23:00	26682	6.879	69.3	8.41	9.95	3.316	61.61	14.25	6.368	85	82.6	23.13	24.76	0	0.027	26.45	2.593	-0.009	16.26
8/10/2012 0:00	26683	6.794	97.4	40.73	15.31	3.012	89.7	40.82	9.95	82.8	81	26.87	27.52	0	0.033	26.45	2.587	-0.006	12
8/10/2012 1:00	26684	3.315	230.4	55.41	8.16	1.211	255.7	36.51	6.368	79.08	77.71	40.15	39.08	0	0.022	26.45	2.587	0	12.01
8/10/2012 2:00	26685	4.611	262.3	28	8.16	1.593	273	33.18	4.578	77.95	74.94	46.89	47.67	0	0.026	26.44	2.581	-0.006	16.49
8/10/2012 3:00	26686	3.813	281.7	18	6.368	0.308	302.9	12.3	4.578	76.35	72.88	51.12	51.92	0	0.028	26.43	2.581	0	16.47
8/10/2012 4:00	26687	4.041	262	21.33	6.368	0.053	296.7	1.675	2.789	74.39	70.05	53.88	55.8	0	0.023	26.42	2.578	-0.003	16.48
8/10/2012 5:00	26688	5.481	295.6	10.17	8.16	1.59	293.5	16.39	4.578	73.75	69.88	55.67	57.01	0	0.023	26.41	2.578	0	16.45
8/10/2012 6:00	26689	6.398	310.3	5.497	9.95	2.867	305.2	7.706	4.578	72.69	69.58	57.66	58.59	0	0.026	26.4	2.578	0	12.02
8/10/2012 7:00	26690	8.33	18.26	25.66	17.1	4.566	20.78	21.06	15.31	72.34	71.43	56.76	55.45	0	0.103	26.43	2.575	-0.003	16.5
8/10/2012 8:00	26691	8.77	29.31	11.54	13.52	5.253	26.85	14.78	11.74	73.59	73.18	55.67	53.51	0	34.27	26.45	8.26	5.682	11.63
8/10/2012 9:00	26692	8.94	36.74	12.68	15.31	5.127	33.37	15	11.74	75.91	76.52	48.7	45.99	0	209.7	26.47	8.26	-0.002	16.97
8/10/2012 10:00	26693	10.96	62.87	14.54	17.1	6.707	58.12	21.45	13.52	80.1	81.5	40.55	38.03	0	419.9	26.5	8.25	-0.001	17.01
8/10/2012 11:00	26694	11.38	78.92	12.71	18.89	7.353	73.6	23.07	13.52	84.5	86.3	36.02	33.63	0	615.8	26.53	8.25	0	12.02
8/10/2012 12:00	26695	9.74	81.6	18.32	17.1	6.457	76.85	27.38	13.52	88.1	90.4	32.34	29.94	0	792.1	26.56	8.25	-0.001	16.97
8/10/2012 13:00	26696	7.296	103.1	37.12	17.1	5.115	105.2	49.7	11.74	92.4	94.7	27.68	25.8	0	917	26.56	8.25	0	15.85
8/10/2012 14:00	26697	6.327	74.28	49.18	13.52	4.386	68.77	53.48	11.74	95.7	97.5	22.86	21.56	0	981	26.56	8.25	-0.006	16.65
8/10/2012 15:00	26698	7.583	67.94	44.22	17.1	5.241	60.26	49.88	15.31	97.3	99	18.6	17.54	0	982	26.55	8.22	-0.025	12.01
8/10/2012 16:00	26699	10.76	108.5	30.21	22.47	7.094	107.5	39.77	17.1	97.5	100.4	16.78	15.47	0	921	26.53	8.19	-0.032	11.88
8/10/2012 17:00	26700	11.04	87.8	29.24	22.47	7.336	84.8	36.11	18.89	97.4	99.5	17.17	16.06	0	746.2	26.51	8.16	-0.029	16.44
8/10/2012 18:00	26701	11.76	94.8	23.58	22.47	7.302	92.2	33.06	18.89	96.2	97.6	17.8	17	0	416.3	26.49	8.13	-0.028	12
8/10/2012 19:00	26702	12.6	105.6	17.22	20.68	7.91	104.7	28.04	17.1	96.3	97.7	16.69	16.01	0	413.3	26.47	8.1	-0.032	16.78
8/10/2012 20:00	26703	11.9	99.3	14.28	20.68	7.397	97.6	24.48	13.52	94.9	95.6	16.49	16.24	0	202.7	26.46	8.07	-0.029	12.69
8/10/2012 21:00	26704	9.14	101	9.23	15.31	5.369	97.9	20.18	11.74	91.6	90.9	18.66	18.89	0	27.49	26.45	8.05	-0.021	14.97
8/10/2012 22:00	26705	7.254	88	8.04	9.95	3.256	85	16.01	6.368	86.1	84	23.59	24.69	0	0.025	26.45	8.04	-0.012	14.94
8/10/2012 23:00	26706	7.797	90.4	7.214	9.95	3.694	85.4	15.85	6.368	82.6	80.6	28.13	28.9	0	0.025	26.44	8.03	-0.012	13.13
8/11/2012 0:00	26707	9.48	84.7	7.054	13.52	4.826	81.2	17	8.16	80.6	79.17	31.34	31.44	0	0.031	26.45	8.01	-0.012	11.64
8/11/2012 1:00	26708	10.04	82.7	7.564	17.1	5.476	81	18.01	9.95	77.97	77.03	34.62	34.17	0	0.033	26.44	8	-0.012	16.75
8/11/2012 2:00	26709	8.01	83	7.182	11.74	3.923	81.3	16.68	8.16	75.13	73.87	37.1	36.97	0	0.028	26.43	7.99	-0.012	12.01
8/11/2012 3:00	26710	8.07	103.5	11.96	11.74	4.027	98	22.94	9.95	74.46	72.67	36.37	36.92	0	0.023	26.42	7.984	-0.006	11.95
8/11/2012 4:00	26711	6.622	109.8	11.26	11.74	2.93	102.8	22.95	6.368	72.84	71.05	36.88	37.55	0	0.031	26.41	7.978	-0.006	15.86
8/11/2012 5:00	26712	7.559	83.2	5.878	9.95	3.461	74.86	16.43	6.368	71.61	69.76	37.29	38.07	0	0.02	26.4	7.965	-0.013	11.87
8/11/2012 6:00	26713	7.452	70.96	10.59	11.74	3.692	60.37	15.82	6.368	70.36	68.62	38.01	38.75	0	0.017	26.39	7.955	-0.01	15.6
8/11/2012 7:00	26714	8.08	55.1	6.645	11.74	4.337	52.98	15.01	8.16	69.92	68.84	38.6	38.38	0	0.059	26.4	7.949	-0.006	16.56
8/11/2012 8:00	26715	8.28	51.61	8.11	11.74	4.464	48.48	15.52	8.16	68.97	68.23	40.14	39.5	0	17.14	26.41	7.94	-0.01	16.6

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/11/2012 9:00	26716	8.21	68.33	15.93	11.74	4.91	63.47	22.13	9.95	71.36	71.85	37.03	35.64	0	191.2	26.43	7.927	-0.013	16.8
8/11/2012 10:00	26717	8.8	94.5	13.85	15.31	5.595	91.3	23.08	11.74	78.35	79.84	34.03	32.2	0	400.4	26.47	7.921	-0.006	16.41
8/11/2012 11:00	26718	7.49	146.4	26.45	11.74	4.969	151.2	34.78	11.74	84.3	86.2	32.31	30.19	0	599.5	26.5	7.921	0	11.84
8/11/2012 12:00	26719	5.379	169.4	36.55	11.74	3.735	175.7	40.46	9.95	90.4	92	27.09	25.58	0	780	26.52	7.92	-0.001	12
8/11/2012 13:00	26720	5.251	184.5	65.06	11.74	3.89	191	63.25	9.95	94.9	95.9	22.44	21.53	0	904	26.53	7.913	-0.007	16.39
8/11/2012 14:00	26721	5.994	227.5	55.24	13.52	4.573	228.6	53.27	11.74	97.3	98.5	18.55	17.5	0	966	26.52	7.907	-0.006	11.99
8/11/2012 15:00	26722	6.152	153.9	66.23	15.31	4.456	158.2	69.09	15.31	99.6	101.4	15.47	14.75	0	965	26.5	7.882	-0.025	16.97
8/11/2012 16:00	26723	7.416	171	44.59	17.1	5.283	174.7	50.02	13.52	100.1	102.2	15.36	14.39	0	896	26.48	7.863	-0.019	11.89
8/11/2012 17:00	26724	8.18	166.4	47.8	18.89	5.584	168.2	51.52	13.52	100.6	102.6	14.83	13.95	0	769.8	26.47	7.837	-0.025	11.9
8/11/2012 18:00	26725	8.37	183.8	36.55	18.89	5.671	188.4	38.21	15.31	100.6	102.2	14.3	13.58	0	606.7	26.45	7.812	-0.025	13.31
8/11/2012 19:00	26726	8.21	175.3	33.68	17.1	5.622	181.9	35.69	15.31	99.7	101	15.15	14.56	0	401.5	26.43	7.768	-0.044	11.66
8/11/2012 20:00	26727	10.13	187.6	15.5	18.89	6.468	191.8	18.65	13.52	97.9	98.6	15.65	15.37	0	182.3	26.42	7.746	-0.022	16.75
8/11/2012 21:00	26728	7.768	196.8	9.75	13.52	4.382	196	15.06	9.95	94.6	93.6	17.3	17.77	0	22.52	26.41	7.727	-0.018	14.29
8/11/2012 22:00	26729	6.796	168.9	14.85	9.95	2.321	162.2	17.06	4.578	88.3	85.4	23.75	25.31	0	0.016	26.4	7.715	-0.012	11.48
8/11/2012 23:00	26730	7.405	153.5	6.141	9.95	2.637	148.4	13.84	4.578	85.4	82.6	26.8	28.44	0	0.025	26.4	7.709	-0.006	11.41
8/12/2012 0:00	26731	8.72	166.2	9.87	13.52	4.283	168.1	17.93	8.16	83.5	82	29.98	30.19	0	0.03	26.39	7.696	-0.013	11.47
8/12/2012 1:00	26732	6.333	170.5	7.26	17.1	2.224	169.9	13.14	11.74	79.82	78.01	34.5	34.99	0	0.035	26.39	7.687	-0.009	15.57
8/12/2012 2:00	26733	6.544	181.1	7.256	9.95	2.371	172.3	13.49	4.578	79.48	76.61	35.48	37.12	0	0.028	26.38	7.679	-0.008	16.14
8/12/2012 3:00	26734	5.395	200.9	12.3	8.16	1.388	192.1	13.58	4.578	78.36	75.35	36.69	38.55	0	0.023	26.36	7.673	-0.006	14.55
8/12/2012 4:00	26735	4.202	244.6	14.75	8.16	0.581	246.6	17.13	4.578	75.93	73.43	39.48	41.03	0	0.026	26.36	7.667	-0.006	12.87
8/12/2012 5:00	26736	3.164	215.5	33.55	6.368	0.335	141.5	2.796	2.789	74.78	71.73	40.53	42.99	0	0.019	26.36	7.66	-0.006	11.61
8/12/2012 6:00	26737	5.419	186.6	7.444	8.16	0.596	149.7	10.07	4.578	74.45	70.07	41.19	44.78	0	0.024	26.35	7.657	-0.003	16.55
8/12/2012 7:00	26738	3.537	208.4	16.97	8.16	0.229	224.6	6.662	4.578	73.72	71.1	42.91	44.75	0	0.057	26.36	7.654	-0.003	13.86
8/12/2012 8:00	26739	3.137	278.6	9.24	6.368	0.532	291.8	9.14	4.578	73.36	71.08	43.48	45.66	0	33.15	26.37	7.654	0	11.59
8/12/2012 9:00	26740	2.693	234.4	13.83	6.368	1.571	230	10.29	6.368	77.39	77.77	40.72	39.68	0	195.7	26.39	7.646	-0.008	15.86
8/12/2012 10:00	26741	6.786	225.6	12.9	11.74	5.142	223.3	16.17	9.95	83.4	84.3	34.36	32.53	0	405.7	26.42	7.645	-0.001	17.08
8/12/2012 11:00	26742	9.74	224.6	14.98	17.1	7.322	224.3	17.08	13.52	90.1	91	26.72	25.41	0	605.3	26.46	7.638	-0.007	11.62
8/12/2012 12:00	26743	11.2	231.9	18.77	22.47	8.41	230.8	20.7	18.89	96.5	97.7	19.03	18.09	0	781.9	26.48	7.631	-0.007	12.13
8/12/2012 13:00	26744	10.06	248.9	25.12	20.68	7.616	245.9	28.18	17.1	100	101	16.38	15.56	0	908	26.48	7.622	-0.01	11.26
8/12/2012 14:00	26745	7.828	271.3	50.17	20.68	6.012	271.5	50.89	15.31	103	103.8	12.96	12.42	0	970	26.47	7.606	-0.016	11.43
8/12/2012 15:00	26746	7.317	279	62.92	20.68	5.571	280.5	62.46	17.1	102.6	103.6	11.41	11.1	0	575.4	26.46	7.587	-0.019	17.05
8/12/2012 16:00	26747	5.219	143.5	60.56	11.74	3.585	147.7	61.33	9.95	104	105.1	9.81	9.89	0	511.2	26.43	7.571	-0.016	11.31
8/12/2012 17:00	26748	9.02	140.7	44.41	20.68	5.68	142.4	48.2	13.52	101.9	103	11.27	11.21	0	312	26.42	7.549	-0.022	16.46
8/12/2012 18:00	26749	11.62	173.9	47.99	36.78	6.87	178.6	49.97	24.26	93.5	90.5	23.27	32.08	0.12	198.5	26.41	7.575	0.027	14.62
8/12/2012 19:00	26750	8.32	162.7	17.22	20.68	4.708	164.5	22.96	17.1	93.9	92.9	21.84	25.87	0	167.7	26.37	7.576	0	12.59
8/12/2012 20:00	26751	5.291	113.8	67.41	9.95	2.245	61.85	62.99	8.16	93.7	90.6	20.12	30.88	0	32.33	26.39	7.572	-0.003	14.07
8/12/2012 21:00	26752	9.86	343.8	13.12	18.89	6.582	342.6	14.82	13.52	91.4	89.6	23.68	27.7	0	8.93	26.4	7.56	-0.013	16.67
8/12/2012 22:00	26753	8.71	21.14	21.06	15.31	4.775	20.41	19.41	9.95	89	87.5	26.59	28.96	0	0.043	26.41	7.55	-0.01	16.91
8/12/2012 23:00	26754	12.97	60.49	16.99	20.68	7.316	55.27	21.87	15.31	87.4	86.6	31.76	32.31	0	0.057	26.42	7.537	-0.013	11.02
8/13/2012 0:00	26755	9.88	62.59	14.28	17.1	5.381	58.03	20.57	13.52	84.3	83.3	35.96	36.68	0	0.048	26.45	7.522	-0.016	11.34
8/13/2012 1:00	26756	8.41	58.45	12.94	18.89	4.55	56.05	20.87	9.95	82.9	82	37.01	37.43	0	0.045	26.47	7.515	-0.006	11.59
8/13/2012 2:00	26757	10.24	73.19	11.16	17.1	5.724	69.27	19.17	11.74	80.3	79.43	40.14	40.34	0	0.042	26.47	7.5	-0.016	11.48
8/13/2012 3:00	26758	11.7	39.12	42.93	36.78	7.582	34.09	44.57	27.84	79.35	78.83	45	44.3	0	0.053	26.49	7.478	-0.022	15.4
8/13/2012 4:00	26759	21.37	358	15.03	34.99	15.35	356.1	16.88	31.42	69.99	69.87	72.03	69.78	0.04	0.031	26.52	7.476	-0.001	14.55
8/13/2012 5:00	26760	22.97	27.89	12.88	40.36	14.95	24.02	14.59	34.99	70.37	67.63	73.98	72.13	0.07	0.028	26.51	7.511	0.035	11.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/13/2012 6:00	26761	15.22	54.55	14.9	26.05	8.5	49.63	20.45	17.1	71.87	67.79	76.83	74.17	0	0.054	26.5	7.511	0	12.61
8/13/2012 7:00	26762	13.04	44.21	10.67	26.05	6.951	38.34	15.22	20.68	73	68.36	75.81	74.03	0.1	0.067	26.53	7.553	0.041	16.75
8/13/2012 8:00	26763	15.86	56.31	22.84	24.26	9.32	51.3	27.94	17.1	72.21	67.04	84.2	81	0	4.418	26.53	7.55	-0.003	15.29
8/13/2012 9:00	26764	12.86	95.4	12.84	22.47	7.794	92.8	22.1	15.31	73.33	67.86	82.1	79.29	0	23	26.53	7.55	0	11.56
8/13/2012 10:00	26765	10.79	113.8	10.45	18.89	6.225	113.3	23.11	13.52	74.61	69.19	80.5	77.38	0	72.05	26.54	7.55	0	16.52
8/13/2012 11:00	26766	9.1	116.1	10.33	17.1	5.344	115.8	22.59	13.52	76.86	71.55	76.75	73.49	0	141.8	26.53	7.55	0	11.58
8/13/2012 12:00	26767	4.978	125.1	20.15	9.95	3.114	127	28.21	6.368	80.8	75.65	66.35	63.76	0	197.7	26.54	7.551	0.001	13.28
8/13/2012 13:00	26768	2.841	139.9	81	6.368	1.522	232.9	67.2	4.578	85.4	80.4	53.74	52.02	0	321.3	26.54	7.55	-0.001	11.33
8/13/2012 14:00	26769	4.624	329.2	28.76	9.95	3.194	327.3	31.71	8.16	89.9	85.2	45.39	43.87	0	538.3	26.56	7.553	0.003	16.44
8/13/2012 15:00	26770	4.552	337.7	41.45	8.16	3.093	335.3	38.58	8.16	91.3	86.1	42.08	41.14	0	391.9	26.56	7.55	-0.003	17.01
8/13/2012 16:00	26771	8.11	87.9	27.85	20.68	5.218	86.4	33.58	15.31	94.2	89.8	39.17	37.98	0	751.3	26.55	7.549	-0.001	16.87
8/13/2012 17:00	26772	11.17	105.8	18.9	22.47	7.048	104.4	29.01	15.31	92.6	88.3	42.03	40.41	0	545.7	26.54	7.549	0	11.35
8/13/2012 18:00	26773	12.56	138.8	15.99	20.68	7.737	142.6	23.64	17.1	93.4	89.2	36.36	35.01	0	551.3	26.52	7.549	0	12.12
8/13/2012 19:00	26774	10.71	147.4	13.82	18.89	6.607	150.2	21.16	13.52	93.1	88.8	31.85	31.1	0	398.8	26.5	7.54	-0.009	11.37
8/13/2012 20:00	26775	10.11	137.9	12.66	17.1	5.967	141.5	22.09	11.74	91.9	87.7	34.6	34.15	0	188.4	26.48	7.528	-0.012	11.33
8/13/2012 21:00	26776	6.675	114.9	10.76	11.74	3.086	113.1	19.2	8.16	87.8	82.1	42.48	44.58	0	16.84	26.47	7.518	-0.009	16.98
8/13/2012 22:00	26777	7.562	118.4	6.942	11.74	3.284	116.4	17.46	6.368	83.7	77.58	47.12	50.43	0	0.03	26.46	7.513	-0.006	16.88
8/13/2012 23:00	26778	6.388	103.2	10.54	8.16	2.587	87.9	15.46	4.578	82.1	75.37	48.25	54.02	0	0.042	26.46	7.507	-0.005	16.84
8/14/2012 0:00	26779	7.631	90.1	4.354	9.95	3.516	86.4	14.05	6.368	80.3	74.44	53.22	56.84	0	0.043	26.46	7.499	-0.009	11.4
8/14/2012 1:00	26780	7.236	97.3	6.041	15.31	3.659	89.1	15.48	6.368	78.28	73.25	60.4	61.95	0	0.045	26.45	7.492	-0.006	13.1
8/14/2012 2:00	26781	7.407	118.1	8.08	9.95	3.264	111.2	18.03	6.368	78.52	73.31	59.46	61.47	0	0.037	26.43	7.489	-0.003	16.83
8/14/2012 3:00	26782	8.16	127.9	7.715	9.95	3.699	120.3	18.31	6.368	77.32	72.57	61.87	63	0	0.041	26.42	7.486	-0.003	11.56
8/14/2012 4:00	26783	6.36	139	6.992	9.95	2.257	133.5	14.97	4.578	76.18	71.42	63.09	64.5	0	0.043	26.41	7.483	-0.003	16.85
8/14/2012 5:00	26784	4.127	156.9	38.82	8.16	0.679	120.5	41.15	4.578	74.89	69.52	65.39	68.58	0	0.034	26.41	7.483	0	12.86
8/14/2012 6:00	26785	5.422	149.5	9.07	8.16	1.134	134.8	11.37	4.578	74.75	69.67	65.88	68.53	0	0.034	26.39	7.477	-0.006	11.59
8/14/2012 7:00	26786	4.011	155.4	21.01	6.368	0.427	122.3	10.03	4.578	74.56	69.79	66.16	68.5	0	0.063	26.4	7.473	-0.003	16.95
8/14/2012 8:00	26787	6.855	148.5	9.2	11.74	2.837	144.7	15.58	8.16	74.68	70.47	66.95	67.61	0	27.94	26.4	7.473	0	11.5
8/14/2012 9:00	26788	5.54	168.2	12.53	11.74	3.204	173.1	17.84	8.16	78.21	76.51	62.63	59.54	0	194	26.42	7.469	-0.005	11.58
8/14/2012 10:00	26789	9.95	180.7	10.76	17.1	6.452	184.3	17.3	11.74	83.3	82.1	53.09	50.33	0	412.2	26.44	7.468	-0.001	16.99
8/14/2012 11:00	26790	10.71	191.2	12.58	17.1	7.232	194.9	17.69	13.52	87.9	87	44.07	41.99	0	599.6	26.46	7.467	-0.001	16.12
8/14/2012 12:00	26791	12.56	197.5	13.93	22.47	8.65	199.7	17.76	17.1	91	90.7	35.72	34	0	775.7	26.48	7.454	-0.013	11.65
8/14/2012 13:00	26792	12.33	197.5	17.36	20.68	8.5	198.4	20.99	15.31	92.6	93	33.36	31.45	0	893	26.48	7.438	-0.016	13.63
8/14/2012 14:00	26793	13.61	201.8	19.24	24.26	9.48	203.6	20.98	17.1	94.5	95.3	29.23	27.46	0	954	26.46	7.409	-0.029	11.36
8/14/2012 15:00	26794	13.05	206.9	18.98	24.26	9.21	209	21.36	17.1	96.1	97.1	24.8	23.4	0	957	26.44	7.39	-0.019	11.17
8/14/2012 16:00	26795	11.78	198.4	20.35	24.26	8.26	201.6	24.44	18.89	97.4	98.6	22.83	21.66	0	892	26.42	7.365	-0.025	11.22
8/14/2012 17:00	26796	12.34	199.8	24.88	27.84	8.63	202.6	27.6	20.68	98.1	99.2	21.05	20.14	0	787	26.39	7.333	-0.032	17
8/14/2012 18:00	26797	12.09	196.1	21.43	24.26	8.31	198.6	23.86	18.89	98.1	99.1	19.69	19.14	0	603.1	26.37	7.295	-0.038	11.12
8/14/2012 19:00	26798	12.22	188.4	17	24.26	7.885	191.9	20.94	18.89	97.1	97.4	19.29	19.25	0	305.2	26.35	7.264	-0.032	16.81
8/14/2012 20:00	26799	10.1	185.1	15.99	18.89	6.16	188.7	20	11.74	95.5	95.1	19.94	20.47	0	95.6	26.34	7.239	-0.025	11.17
8/14/2012 21:00	26800	8.77	162.3	10.26	13.52	4.281	162	19.05	9.95	91.2	89.6	23.57	25.13	0	5.34	26.32	7.224	-0.016	11.17
8/14/2012 22:00	26801	8.88	151.3	8.33	17.1	4.181	150.3	17.49	11.74	87	85	29.65	31.33	0	0.03	26.31	7.205	-0.019	11.16
8/14/2012 23:00	26802	11.25	158	9.1	18.89	6.25	160.3	17.38	13.52	86.2	85.1	34.85	34.95	0	0.039	26.32	7.189	-0.016	14.69
8/15/2012 0:00	26803	12.59	167.2	9	20.68	7.098	170.6	17.56	15.31	84.3	83.4	37.27	37.18	0	0.044	26.32	7.176	-0.013	15.94
8/15/2012 1:00	26804	11.8	172.3	8.8	27.84	6.773	176	16.87	15.31	82	81.3	42.21	41.76	0	0.042	26.32	7.119	-0.057	14.02
8/15/2012 2:00	26805	9.51	177.3	9.73	15.31	5.483	182.2	16.95	11.74	80.2	79.39	44.95	44.56	0	0.044	26.31	7.119	0	11.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/15/2012 3:00	26806	6.262	201.6	11.22	11.74	3.492	204.5	15.45	8.16	78.85	77.66	46.26	46.64	0	0.041	26.32	7.113	-0.006	11.48
8/15/2012 4:00	26807	6.111	242.4	86.5	17.1	3.363	283.6	88.4	11.74	77.6	76.39	48.44	49.1	0	0.036	26.32	7.111	-0.002	16.77
8/15/2012 5:00	26808	6.921	90	20.55	11.74	3.378	87.9	28.52	6.368	76.22	74.69	52.01	52.73	0	0.043	26.32	7.108	-0.003	16.77
8/15/2012 6:00	26809	6.836	94.4	14	9.95	3.25	88.7	23.08	6.368	74.17	72.62	55.6	56.25	0	0.033	26.3	7.102	-0.006	16.92
8/15/2012 7:00	26810	6.461	100.2	16.15	9.95	2.852	91.2	21.85	6.368	72.58	70.82	58.58	59.63	0	0.042	26.29	7.102	0	13.04
8/15/2012 8:00	26811	10.58	136	9.36	17.1	5.936	138.3	18.38	11.74	72.83	71.84	57.89	57.28	0	28.1	26.28	7.099	-0.003	11.44
8/15/2012 9:00	26812	10.42	151.7	10.84	15.31	5.986	154.3	18.07	11.74	75.6	76.26	52.75	50.5	0	169.5	26.3	7.092	-0.008	13.66
8/15/2012 10:00	26813	12.33	175.2	13.62	18.89	7.681	179.3	20.65	15.31	79.81	81.5	46.93	44.1	0	439.5	26.32	7.087	-0.004	11.35
8/15/2012 11:00	26814	10.7	200.4	16.19	17.1	7.456	202.9	19.4	15.31	84.4	86	41.41	38.86	0	625	26.36	7.081	-0.006	11.74
8/15/2012 12:00	26815	9.35	200.1	18.66	15.31	6.75	202.3	21.02	13.52	88.2	89.8	36.73	34.5	0	753.6	26.39	7.074	-0.007	16.51
8/15/2012 13:00	26816	8.74	202.7	19.02	17.1	6.512	207	21.22	13.52	92.1	93.8	31.62	29.69	0	926	26.4	7.061	-0.013	16.68
8/15/2012 14:00	26817	7.28	211.7	27.77	15.31	5.643	213.9	31.18	13.52	96.4	97.5	25.68	24.57	0	982	26.39	7.045	-0.016	16.17
8/15/2012 15:00	26818	5.793	245.1	73.29	13.52	4.352	240.5	65.28	11.74	99.6	100.3	20.31	19.86	0	962	26.38	7.026	-0.019	16.63
8/15/2012 16:00	26819	6.111	190.8	66	15.31	4.451	195.6	66.92	11.74	101.1	102.6	18.64	18.01	0	910	26.36	6.997	-0.029	13.05
8/15/2012 17:00	26820	6.1	225.3	52.9	17.1	4.239	222.6	42.93	13.52	98.5	99.4	19.52	19.2	0	351.5	26.34	6.963	-0.035	11.11
8/15/2012 18:00	26821	5.411	251.2	47.39	15.31	3.965	251.7	43.31	9.95	97.7	98	-7999	20.48	0	196.3	26.33	6.947	-0.015	11.1
8/15/2012 19:00	26822	11.02	204.8	20.67	22.47	7.577	207	22.27	17.1	95	95.5	23.19	22.94	0	181.8	-7999	6.916	-0.032	11.2
8/15/2012 20:00	26823	8.92	197	20.23	17.1	5.627	198.9	22.26	13.52	92.6	92.6	25.86	25.65	0	54.14	26.3	6.894	-0.022	11.2
8/15/2012 21:00	26824	10.58	231.6	23.02	20.68	7.51	229.7	23.27	15.31	89.1	89.1	31	30.4	0	21.51	26.31	6.872	-0.022	15.69
8/15/2012 22:00	26825	11.97	113.2	28.47	24.26	7.303	111	34.79	18.89	85.6	85.4	37.27	36.38	0	0.043	26.32	6.85	-0.022	13.65
8/15/2012 23:00	26826	12.06	124.6	9.87	20.68	6.634	127.6	21.15	15.31	82.7	82.4	44.57	43.48	0	0.051	26.33	6.834	-0.016	13.65
8/16/2012 0:00	26827	7.15	158	11.12	11.74	3.21	161.1	17.45	8.16	79.06	78.07	50.48	50.18	0	0.037	26.34	6.825	-0.009	11.48
8/16/2012 1:00	26828	11.79	180.2	8.91	20.68	6.743	183.2	16.25	15.31	81.4	80.6	44.03	43.61	0	0.041	26.33	6.812	-0.013	16.9
8/16/2012 2:00	26829	13.86	176.7	9.41	26.05	7.926	180.4	17.08	18.89	80.8	80.3	49.1	47.87	0	0.048	26.34	6.802	-0.01	11.23
8/16/2012 3:00	26830	11.42	167.6	9.72	20.68	6.252	170.6	18.15	13.52	79.24	78.72	55.06	53.45	0	0.044	26.34	6.793	-0.009	16.9
8/16/2012 4:00	26831	8.9	163.2	9.39	15.31	4.822	166	18.43	9.95	77.87	77.27	58.98	57.29	0	0.034	26.34	6.788	-0.005	14.86
8/16/2012 5:00	26832	6.233	183	19.22	11.74	3.232	187.1	22.88	8.16	76.87	76.07	60.88	59.54	0	0.037	26.34	6.784	-0.004	11.17
8/16/2012 6:00	26833	4.36	185.6	43.3	8.16	1.242	170	39.06	4.578	76.03	74.73	62.92	62.72	0	0.025	26.33	6.782	-0.002	16.8
8/16/2012 7:00	26834	4.523	18.57	87.5	13.52	2.387	18.22	48.01	9.95	75.79	74.94	63.7	62.58	0	0.044	26.34	6.779	-0.003	11.46
8/16/2012 8:00	26835	8.2	89.7	12.83	13.52	4.73	84.7	20.46	9.95	74.58	74.17	66.43	64.36	0	4.473	26.37	6.775	-0.003	11.35
8/16/2012 9:00	26836	9.94	123.8	12.18	18.89	5.662	126.1	22.42	15.31	76.01	75.84	59.31	57.37	0	51.33	26.39	6.772	-0.004	11.44
8/16/2012 10:00	26837	10.44	136	13.07	17.1	5.995	138.9	21.48	13.52	76.11	76.33	60.35	58.38	0	118.8	26.42	6.771	0	11.38
8/16/2012 11:00	26838	6.164	133.4	33.24	13.52	3.831	134.5	40.17	9.95	78.2	78.9	57.28	54.56	0	195.1	26.43	6.764	-0.007	11.42
8/16/2012 12:00	26839	5.7	127.8	21.27	11.74	3.407	129	28.66	8.16	80.1	81	53.74	51.28	0	218.9	26.46	6.764	0	16.54
8/16/2012 13:00	26840	10.43	119.5	13.53	15.31	6.501	120	24.33	11.74	79.18	80.7	56.75	52.84	0	355.4	26.47	6.758	-0.006	11.29
8/16/2012 14:00	26841	12.49	110.2	13.51	20.68	7.918	109.6	24.45	17.1	82.2	84.9	49.24	44.98	0	765.7	26.47	6.751	-0.007	15.03
8/16/2012 15:00	26842	8.58	115.5	19.99	17.1	5.58	115.4	29.36	11.74	86.8	89.6	41.81	38.48	0	801	26.49	6.738	-0.013	11.28
8/16/2012 16:00	26843	10.05	115.1	22.69	18.89	6.467	115	31.51	15.31	88.5	91	40.21	37.15	0	693.1	26.49	6.719	-0.019	16.81
8/16/2012 17:00	26844	11.06	108	19.35	20.68	7.037	107.6	29.82	17.1	89.1	91.2	35.49	33.12	0	492.3	26.47	6.681	-0.038	11.16
8/16/2012 18:00	26845	12.28	103.4	14.52	18.89	7.521	102.1	24.96	15.31	88.8	89.8	33.32	31.99	0	268.4	26.44	6.659	-0.022	11.25
8/16/2012 19:00	26846	11.9	109.6	11.58	18.89	7.192	110.4	23.41	15.31	88.6	89.2	32.09	31.13	0	180.4	26.43	6.634	-0.025	16.05
8/16/2012 20:00	26847	10.49	99.7	14.07	17.1	6.381	97.3	24.55	13.52	88.3	88.7	35.59	34.48	0	143.9	26.43	6.618	-0.015	11.23
8/16/2012 21:00	26848	8.34	81.5	19.89	13.52	4.894	78.61	26.41	9.95	86.5	86.1	40.7	39.74	0	9.82	26.43	6.606	-0.013	16.15
8/16/2012 22:00	26849	9.02	50.29	9.54	13.52	4.848	44.82	15.99	9.95	83.4	83.3	49.25	47.44	0	0.04	26.44	6.593	-0.013	16.78
8/16/2012 23:00	26850	9.2	55.54	8.82	13.52	5.303	52.2	16.16	9.95	82	81.9	51.3	49.38	0	0.044	26.46	6.58	-0.012	11.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/17/2012 0:00	26851	11.21	65.99	11.15	17.1	6.52	61.21	19.1	13.52	81.2	81.1	53.05	50.96	0	0.055	26.46	6.571	-0.01	11.29
8/17/2012 1:00	26852	12.14	79.05	10.36	22.47	7.038	75.59	20.64	15.31	79.53	79.38	56.16	53.92	0	0.048	26.46	6.561	-0.009	11.34
8/17/2012 2:00	26853	8.12	107.6	13.32	13.52	4.675	104.9	24.48	11.74	77.47	77.01	57.89	56.04	0	0.051	26.46	6.555	-0.006	15.39
8/17/2012 3:00	26854	6.464	71.67	15.81	9.95	3.461	66.95	20.58	6.368	75.48	74.97	61.26	59.32	0	0.037	26.44	6.55	-0.005	13.9
8/17/2012 4:00	26855	6.398	54.01	12.37	9.95	3.354	49.51	17.41	6.368	73.84	73.48	65.53	63.14	0	0.03	26.43	6.544	-0.006	16.71
8/17/2012 5:00	26856	6.628	50.44	24.83	11.74	3.716	44.23	29.54	8.16	72.87	72.66	67.54	64.7	0	0.04	26.42	6.541	-0.003	11.42
8/17/2012 6:00	26857	5.761	27.1	21.88	11.74	2.992	25.53	24.98	8.16	72.68	72.48	67.61	64.81	0	0.035	26.42	6.535	-0.006	11.39
8/17/2012 7:00	26858	8.43	48.98	10.55	13.52	4.517	44.33	16.25	9.95	71.95	71.77	69.42	66.4	0	0.048	26.42	6.529	-0.006	16.39
8/17/2012 8:00	26859	9.15	75.81	12.2	13.52	5.306	70.37	19.89	9.95	71.06	70.86	70.91	67.86	0	28.29	26.42	6.522	-0.006	11.45
8/17/2012 9:00	26860	11.98	77.8	8.87	17.1	7.149	72.89	19.29	13.52	73.73	74.46	65.59	61.62	0	205.2	26.43	6.515	-0.008	11.46
8/17/2012 10:00	26861	11.91	71.25	10.44	18.89	7.433	66.08	19.05	13.52	77.26	78.62	60.16	55.85	0	359.9	26.46	6.514	-0.001	11.51
8/17/2012 11:00	26862	11.3	84.6	14.73	17.1	7.046	79.6	24.6	13.52	81.4	83.1	52.31	48.61	0	531.8	26.48	6.507	-0.006	11.39
8/17/2012 12:00	26863	9.18	100.2	21.63	20.68	6.059	96.1	31.86	15.31	86.4	89	43.21	39.79	0	698.9	26.51	6.494	-0.014	11.2
8/17/2012 13:00	26864	10.26	108.2	19.97	17.1	6.695	106.1	30.93	13.52	87.6	89.8	40.35	37.46	0	602.7	26.51	6.484	-0.009	14.98
8/17/2012 14:00	26865	10.6	121.9	18.32	18.89	6.83	123.2	28.42	15.31	88.6	91.1	38.93	35.91	0	580.6	26.51	6.471	-0.013	15.79
8/17/2012 15:00	26866	9.78	120.5	23.21	18.89	6.243	119.6	33.86	15.31	89.9	92.1	38.04	35.33	0	484.1	26.49	6.449	-0.022	11.59
8/17/2012 16:00	26867	11.91	66.44	25.69	27.84	6.709	60.14	30.13	18.89	83.1	82.3	50.39	53.3	0.09	143.6	26.44	6.46	0.011	11.21
8/17/2012 17:00	26868	10.58	49.9	19.09	20.68	6.366	45.35	22.89	15.31	78.74	78.49	60.32	59.72	0	48.84	26.4	6.46	0	15.88
8/17/2012 18:00	26869	10.56	22.82	31.84	18.89	6.437	17.52	32.84	15.31	75.4	75.31	67.48	65.71	0	21.53	26.38	6.461	0.001	14.56
8/17/2012 19:00	26870	8.81	331	38.85	15.31	5.858	332.8	40.26	13.52	76.33	75.37	63.14	64.76	0.02	14.65	26.39	6.461	0.001	12.06
8/17/2012 20:00	26871	9.58	36.61	19.4	15.31	5.655	31.8	23.13	13.52	73.92	73.35	70.77	70.01	0.01	15.72	26.38	6.459	-0.003	16.82
8/17/2012 21:00	26872	11.73	187.9	52.81	29.63	6.707	186.8	44.78	20.68	71.15	70.92	79.14	77.4	0.01	2.122	26.41	6.462	0.003	13.14
8/17/2012 22:00	26873	16.11	138.7	11.99	24.26	8.92	141	19.81	20.68	67.73	67.47	86.8	84.3	0.01	0.045	26.41	6.462	0	15.64
8/17/2012 23:00	26874	13.18	136.2	10.62	24.26	7.297	138.9	19.91	15.31	69.67	68.95	80.9	79.86	0	0.038	26.39	6.462	0	11.45
8/18/2012 0:00	26875	7.936	153	20.83	13.52	4.252	156.2	28.4	9.95	70.46	70.04	80.8	78.78	0	0.046	26.4	6.462	0	16.83
8/18/2012 1:00	26876	8.41	197.7	13.3	15.31	5.249	199.9	15.42	11.74	70.21	70.05	83.1	80.2	0	0.048	26.39	6.462	0	11.18
8/18/2012 2:00	26877	9.57	180.1	19.67	20.68	5.682	183.1	23.21	13.52	69.84	69.75	83.4	80.2	0	0.051	26.4	6.459	-0.003	11.37
8/18/2012 3:00	26878	7.818	199.3	11.53	13.52	4.715	199.9	15.49	9.95	68.38	68.28	87.9	84.1	0	0.035	26.4	6.459	0	16.4
8/18/2012 4:00	26879	5.261	243.3	21.39	9.95	2.378	243.7	20.58	6.368	67.43	67.22	90.3	87	0	0.028	26.38	6.462	0.003	15.09
8/18/2012 5:00	26880	4.554	193.3	14.9	8.16	0.923	184.2	11.2	4.578	66.74	66.06	90.8	88.4	0	0.037	26.38	6.459	-0.003	11.57
8/18/2012 6:00	26881	3.288	174.5	13.11	6.368	0.077	136.6	1.294	2.789	66.23	65.17	92.3	90.5	0	0.093	26.37	6.462	0.003	11.59
8/18/2012 7:00	26882	1.906	158	17.2	6.368	0.146	357.6	12.02	2.789	65.94	64.9	93.5	92.7	0	0.156	26.36	6.459	-0.003	16.55
8/18/2012 8:00	26883	0.285	67.55	4.214	4.578	0.24	79.23	3.494	2.789	66.16	65.22	93.9	97.4	0	21.4	26.37	6.462	0.003	15.18
8/18/2012 9:00	26884	3.792	185.9	17.63	9.95	2.382	198.1	14.1	9.95	67.45	67.78	92.7	99.9	0	123	26.38	6.459	-0.003	13.74
8/18/2012 10:00	26885	9.27	197.3	10.91	17.1	6.328	199.4	15.96	15.31	70.44	71.82	84.7	85.9	0	366.7	26.39	6.459	0	16.92
8/18/2012 11:00	26886	11.27	198.2	12.41	17.1	7.695	199.2	17.07	13.52	74.16	75.97	74.21	68.93	0	553.2	26.41	6.46	0.001	11.46
8/18/2012 12:00	26887	9.65	204.4	17.89	17.1	6.82	206.3	21.55	17.1	76.89	78.98	70.05	64.49	0	749.1	26.42	6.46	0	17.08
8/18/2012 13:00	26888	7.411	200.8	32.08	15.31	5.233	202.7	35.55	11.74	80.4	82.4	63.61	58.39	0	828	26.44	6.459	-0.001	11.37
8/18/2012 14:00	26889	5.758	199.6	40.65	15.31	4.192	204.4	39.59	13.52	84.3	85.9	55.1	51.1	0	886	26.44	6.459	-0.001	11.27
8/18/2012 15:00	26890	7.131	145.4	45.06	17.1	4.813	149.1	50.44	11.74	86.4	89	49.85	45.73	0	932	26.42	6.456	-0.003	16.84
8/18/2012 16:00	26891	7.733	135.1	32.4	17.1	5.283	140.3	41.82	13.52	87.1	89.5	45.35	41.88	0	818	26.4	6.44	-0.016	15.6
8/18/2012 17:00	26892	8.04	146	32.45	18.89	5.441	150.4	39.37	18.89	88.2	90.6	42.79	39.48	0	765.9	26.38	6.418	-0.022	11.27
8/18/2012 18:00	26893	8.03	151	30.07	22.47	5.386	155.1	36.55	18.89	88.4	90.3	40.74	37.99	0	515.7	26.35	6.402	-0.016	17.01
8/18/2012 19:00	26894	6.204	155	29.01	13.52	4.202	159	34.56	9.95	88.3	89.2	40.34	38.49	0	310.1	26.33	6.386	-0.016	11.24
8/18/2012 20:00	26895	6.058	160.1	19.98	13.52	3.824	165.3	24.71	11.74	87.4	88.2	40.2	38.71	0	163.8	26.33	6.368	-0.018	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/18/2012 21:00	26896	5.08	146.6	8.64	8.16	1.549	141.9	14.36	4.578	84.8	83.4	43.85	45.64	0	7.524	26.32	6.352	-0.016	11.18
8/18/2012 22:00	26897	5.106	126.8	8.39	8.16	1.327	109.6	10.25	4.578	82.5	80.4	49.34	52.79	0	0.023	26.32	6.346	-0.006	11.18
8/18/2012 23:00	26898	7.413	124.1	10.31	11.74	3.541	123.1	20.44	9.95	79.63	78.27	58.71	58.57	0	0.035	26.33	6.34	-0.006	12.51
8/19/2012 0:00	26899	8.07	123.4	13.46	11.74	4.364	121.9	22.6	8.16	78.19	77.38	62.48	61.19	0	0.044	26.36	6.328	-0.012	11.39
8/19/2012 1:00	26900	16.36	68.87	20.59	38.57	9.47	64.56	26.18	27.84	75.73	75.56	66.62	64.15	0.03	0.058	26.38	6.324	-0.003	11.27
8/19/2012 2:00	26901	11.95	110.4	50.06	31.42	6.631	106.8	57.57	20.68	55.32	68.96	66.17	68.87	0.02	0.032	26.36	6.326	0.001	11.83
8/19/2012 3:00	26902	5.583	342.7	91.3	15.31	2.985	55.44	85.2	9.95	70.4	70.43	65.79	67.97	0.01	0.046	26.34	6.326	0	11.5
8/19/2012 4:00	26903	3.767	306.8	83.1	13.52	1.849	13.57	40.08	11.74	69.51	69.05	73.81	77.85	0.01	0.049	26.34	6.326	0	14.18
8/19/2012 5:00	26904	7.114	37.22	13.45	13.52	3.674	33.55	15.25	8.16	67.78	69.11	79.19	77.7	0	0.05	26.35	6.326	0	16.67
8/19/2012 6:00	26905	10.32	43.7	16.35	15.31	5.895	38.12	19.7	13.52	67.58	68.9	86.7	83	0	0.071	26.36	6.326	0	16.76
8/19/2012 7:00	26906	11.42	64.21	8.47	17.1	6.972	60.74	16.47	11.74	66.56	67.59	90.6	87.9	0	0.083	26.37	6.326	0	11.43
8/19/2012 8:00	26907	9.94	68.76	10.45	15.31	5.887	64.36	18.46	11.74	65.57	66.56	91.4	90.3	0	23.96	26.38	6.326	0	13.88
8/19/2012 9:00	26908	9.99	76.6	11.21	15.31	6.039	71.56	20.86	9.95	67.58	69.18	87.9	84	0	175.9	26.4	6.329	0.003	11.82
8/19/2012 10:00	26909	11.22	96.8	12.09	17.1	7.077	93.6	22.59	15.31	67.83	69.36	90	84.4	0	178.5	26.44	6.326	-0.003	11.55
8/19/2012 11:00	26910	7.671	95.4	14.54	17.1	4.884	92.6	25.52	11.74	68.44	69.86	90.3	85.4	0	152.9	26.47	6.325	-0.001	11.69
8/19/2012 12:00	26911	4.821	93.5	31.09	9.95	3.05	83.1	34.67	8.16	70.04	72.08	83.7	78.91	0	228.7	26.48	6.325	0	16.01
8/19/2012 13:00	26912	4.953	49.86	43.52	11.74	3.407	37.32	44.23	9.95	75.36	77.48	72.39	67.91	0	637.3	26.5	6.327	0.002	11.46
8/19/2012 14:00	26913	10.56	7.252	16.18	18.89	7.592	2.662	18.67	15.31	75.96	77.83	71.7	66.64	0	362.1	26.52	6.327	0	16.84
8/19/2012 15:00	26914	15.24	43.5	30.48	29.63	9.35	38.52	33.42	20.68	71.74	73.59	75.59	70.4	0	306.6	26.49	6.323	-0.003	11.43
8/19/2012 16:00	26915	13.94	67.06	11.47	22.47	8.45	62.39	19.17	17.1	71.92	73.5	62.4	58.94	0	289.3	26.45	6.314	-0.009	11.33
8/19/2012 17:00	26916	13.91	75.58	16.83	22.47	8.66	71.7	24.81	17.1	79.58	81.9	45.64	42.97	0	704	26.42	6.301	-0.013	12
8/19/2012 18:00	26917	11.21	103.5	14.66	20.68	7.265	102.6	24.93	15.31	83.2	85.4	36.83	35.12	0	566.5	26.43	6.288	-0.013	12.74
8/19/2012 19:00	26918	12.82	110.2	22.12	22.47	7.808	110.2	31.09	13.52	83.7	85.2	35.35	33.97	0	371.1	26.43	6.269	-0.019	16.86
8/19/2012 20:00	26919	10.87	81.2	12.64	18.89	6.512	77.19	21.76	13.52	80.6	81	42.18	41.03	0	124.3	26.43	6.251	-0.019	11.21
8/19/2012 21:00	26920	7.885	69.03	7.56	11.74	4.495	63.06	17.35	8.16	76.13	75.6	52.78	51.88	0	8.07	26.42	6.244	-0.006	15.94
8/19/2012 22:00	26921	8.4	69.17	7.605	11.74	4.85	63.74	17.25	9.95	72.92	72.41	62.92	61.13	0	0.037	26.42	6.239	-0.005	16.85
8/19/2012 23:00	26922	6.927	79.58	8.89	11.74	3.626	73.98	18.64	8.16	70.49	69.87	69.59	67.74	0	0.038	26.43	6.234	-0.006	14.65
8/20/2012 0:00	26923	5.25	85.7	11.29	8.16	1.91	72.18	14.84	4.578	69.49	68.41	73.22	72.53	0	0.033	26.44	6.227	-0.006	15.9
8/20/2012 1:00	26924	5.63	78.89	13.81	8.16	2.163	63.32	15.28	4.578	69.41	67.63	72.26	73.68	0	0.024	26.43	6.221	-0.006	16.73
8/20/2012 2:00	26925	7.361	124.9	14.36	11.74	2.931	120.7	23.76	6.368	68.89	66.65	71.13	73.47	0	0.026	26.43	6.221	0	11.49
8/20/2012 3:00	26926	6.54	142.9	6.696	9.95	2.081	140.3	14.62	6.368	67.39	65.63	75.29	75.79	0	0.022	26.42	6.215	-0.006	11.56
8/20/2012 4:00	26927	5.392	134.4	7.049	8.16	1.617	101.9	11.48	4.578	66.94	64.37	75.52	78.48	0	0.019	26.4	6.215	0	11.47
8/20/2012 5:00	26928	1.941	113.6	44.3	4.578	0.421	68.58	5.73	2.789	66.33	64.56	75.12	76.8	0	0.024	26.39	6.211	-0.003	11.53
8/20/2012 6:00	26929	5.312	53.52	7.271	8.16	2.315	59.99	13.53	4.578	65.58	64.33	77.27	77.34	0	0.019	26.4	6.208	-0.003	11.54
8/20/2012 7:00	26930	6.148	44.22	8.91	8.16	2.83	39.11	12.63	6.368	63.8	63.49	81.4	78.88	0	0.033	26.4	6.186	-0.022	14.43
8/20/2012 8:00	26931	7.354	58.15	7.886	11.74	4.112	56.26	15.14	8.16	63.79	63.44	81.7	79.1	0	22.46	26.41	6.183	-0.003	11.56
8/20/2012 9:00	26932	5.632	87.3	17.04	9.95	3.482	80.1	24.9	6.368	67.48	69	76.15	71.14	0	180.8	26.43	6.18	-0.003	16.72
8/20/2012 10:00	26933	6.528	132	17.23	11.74	4.373	134.6	26.01	9.95	73.51	75.92	66.93	61.7	0	390.5	26.47	6.178	-0.002	16.63
8/20/2012 11:00	26934	7.672	148.8	20.57	13.52	5.27	152.9	28.72	11.74	77.14	79.52	60.72	55.97	0	581.3	26.51	6.181	0.003	16.45
8/20/2012 12:00	26935	7.197	167.7	24.95	15.31	4.974	171.6	31.68	11.74	80.9	83.3	53.98	49.72	0	756.4	26.53	6.18	-0.001	13.86
8/20/2012 13:00	26936	8.21	185.4	25.85	17.1	5.895	188	30.39	13.52	84.5	86.9	46.72	43.08	0	882	26.53	6.174	-0.006	13.52
8/20/2012 14:00	26937	9.14	205.5	26.15	17.1	6.506	206.4	27.85	13.52	87	89.5	41.33	37.94	0	945	26.51	6.167	-0.006	11.29
8/20/2012 15:00	26938	9.47	194.9	24.28	29.63	6.8	196.5	27.79	17.1	88.8	91.3	35.4	32.66	0	880	26.5	6.151	-0.016	11.42
8/20/2012 16:00	26939	8.82	207.4	30.63	17.1	6.573	207.3	33.24	15.31	91	93.3	30.93	28.47	0	899	26.47	6.129	-0.022	14.89
8/20/2012 17:00	26940	10.2	188.5	22.68	20.68	7.03	191.8	25.55	17.1	91.7	93.7	29.76	27.63	0	734.8	26.45	6.107	-0.022	11.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/20/2012 18:00	26941	13.22	172	17.21	22.47	8.38	175.7	22.8	20.68	91.4	93.5	29.68	27.54	0	550	26.43	6.075	-0.032	15.66
8/20/2012 19:00	26942	12.69	182.8	11.65	20.68	8.08	185.8	18.06	15.31	90.2	91.2	27.61	26.54	0	290.9	26.4	6.044	-0.031	11.27
8/20/2012 20:00	26943	11.63	177.9	9.88	18.89	7.015	181.7	16.84	13.52	88.8	89.3	29.26	28.51	0	124.2	26.38	6.022	-0.022	11.3
8/20/2012 21:00	26944	8.32	168.1	6.763	11.74	4.131	169.8	16.35	8.16	83.5	82.5	35.73	36.04	0	6.095	26.38	6.01	-0.012	16.85
8/20/2012 22:00	26945	8.56	164.9	9.92	11.74	4.247	165.7	17.46	8.16	80.4	79.55	39.41	39.67	0	0.032	26.37	5.988	-0.022	11.3
8/20/2012 23:00	26946	11.06	163.4	8.37	18.89	5.978	165.9	16.78	11.74	79.92	79.29	35.23	35.34	0	0.039	26.38	5.972	-0.016	11.29
8/21/2012 0:00	26947	12.4	168.5	8.19	18.89	6.926	171.5	16.79	13.52	80.5	80	31.88	31.76	0	0.049	26.38	5.95	-0.022	11.28
8/21/2012 1:00	26948	10.96	153.4	73.09	26.05	6.682	162.2	76.64	17.1	79.93	79.77	33.46	32.93	0	0.051	26.4	5.931	-0.019	11.38
8/21/2012 2:00	26949	6.112	140.8	55.82	18.89	3.104	155.3	47.49	13.52	80.5	79.92	31.98	32.38	0	0.051	26.42	5.918	-0.013	14.99
8/21/2012 3:00	26950	6.462	99.3	32.64	13.52	3.334	98.8	37.26	8.16	78.53	77.66	38.4	38.72	0	0.044	26.41	5.912	-0.006	11.1
8/21/2012 4:00	26951	6.171	99.4	15.08	11.74	3.406	94	21.47	8.16	74.11	73.76	57.41	55.64	0	0.045	26.39	5.906	-0.005	11.59
8/21/2012 5:00	26952	12.04	63.73	22.35	22.47	6.967	57.7	26.3	17.1	72.96	72.88	63.14	60.35	0	0.037	26.39	5.901	-0.006	16.4
8/21/2012 6:00	26953	11.94	89	9.48	18.89	7.261	86.3	19.8	13.52	70.25	70.57	74.57	70.61	0	0.033	26.37	5.898	-0.003	15.32
8/21/2012 7:00	26954	8.8	95.4	10.73	15.31	5.56	92.1	20.5	9.95	68.86	69.15	78.05	74.02	0	0.027	26.36	5.885	-0.013	16.83
8/21/2012 8:00	26955	10.65	97.4	11.13	17.1	6.576	95.5	21.4	11.74	68.31	68.69	80.2	75.92	0	11.17	26.36	5.879	-0.006	13.82
8/21/2012 9:00	26956	9.62	99.8	14.27	17.1	6.029	98.2	24.3	11.74	68.81	69.84	79.93	74.84	0	134.3	26.36	5.875	-0.003	13.55
8/21/2012 10:00	26957	10.26	125.3	11.03	17.1	6.28	127.8	22.28	11.74	73.33	75.61	67.41	61.96	0	334.1	26.39	5.874	-0.001	11.67
8/21/2012 11:00	26958	9.57	129.1	16.49	17.1	5.982	130.6	26.56	11.74	77.6	79.88	57.71	53.15	0	500.4	26.42	5.873	-0.001	15.64
8/21/2012 12:00	26959	6.704	133.1	48.29	13.52	4.627	134.3	56.08	15.31	83	85.3	47.03	43.39	0	767.8	26.47	5.87	-0.004	11.47
8/21/2012 13:00	26960	8.8	69.89	35.4	22.47	5.63	62.37	42.46	18.89	85.3	87.3	45.71	42.11	0	887	26.49	5.866	-0.004	16.81
8/21/2012 14:00	26961	15.07	65.24	15.64	24.26	9.43	59.79	23.18	17.1	83.1	85.7	52.15	46.78	0	864	26.49	5.847	-0.019	11.37
8/21/2012 15:00	26962	16.32	69.23	12.37	26.05	10.1	64.24	21.74	20.68	83.3	86.1	52.14	46.56	0	859	26.48	5.831	-0.016	16.84
8/21/2012 16:00	26963	16.81	65.09	12.92	26.05	10.29	59.93	20.8	18.89	83.5	86.2	51.35	45.9	0	878	26.47	5.806	-0.025	16.78
8/21/2012 17:00	26964	15.8	74.82	14.03	26.05	9.86	71.53	22.78	18.89	84.8	87.4	47.37	42.68	0	740.6	26.45	5.787	-0.019	11.29
8/21/2012 18:00	26965	15.8	76.16	12.77	26.05	9.69	71.93	22.65	18.89	85.1	87.2	45.4	41.46	0	568.1	26.45	5.753	-0.035	11.27
8/21/2012 19:00	26966	14.9	76.49	11.91	26.05	8.87	73.26	21.41	17.1	83.6	84.7	46.07	43.29	0	227.5	26.44	5.737	-0.016	12.68
8/21/2012 20:00	26967	15.37	71.36	9.57	22.47	9.17	65.82	19.33	18.89	81.3	81.7	49.01	46.6	0	84	26.43	5.718	-0.019	11.21
8/21/2012 21:00	26968	12.77	76.05	9.19	20.68	7.307	70.74	19.64	15.31	78.2	78.3	53.35	51	0	6.465	26.43	5.687	-0.031	11.4
8/21/2012 22:00	26969	11.59	75.4	8.75	18.89	6.724	69.56	19.58	13.52	75.85	75.93	57.53	55.01	0	0.04	26.43	5.681	-0.006	11.33
8/21/2012 23:00	26970	13.15	79.13	9.04	20.68	7.637	74.37	19.59	15.31	74.24	74.36	60.42	57.73	0	0.04	26.44	5.672	-0.009	15.34
8/22/2012 0:00	26971	14.45	81.7	7.998	20.68	8.4	77.61	18.98	15.31	72.36	72.49	63.47	60.54	0	0.032	26.44	5.647	-0.025	11.39
8/22/2012 1:00	26972	13.14	82.2	8.69	27.84	7.688	79.1	19.36	13.52	71.26	71.46	66.17	62.95	0	0.035	26.44	5.641	-0.006	16.77
8/22/2012 2:00	26973	12.7	84.3	10.43	22.47	7.706	79.79	20.01	17.1	70.58	70.88	69.62	66.07	0	0.035	26.43	5.638	-0.003	15.44
8/22/2012 3:00	26974	11.67	72.94	9.44	17.1	7.037	68.44	19.21	13.52	68.9	69.26	75.21	71.09	0	0.032	26.43	5.628	-0.01	16.59
8/22/2012 4:00	26975	11.8	80.5	8.7	18.89	6.879	76.87	19.19	13.52	66.83	67.1	81.6	77.27	0	0.025	26.41	5.625	-0.003	16.43
8/22/2012 5:00	26976	10.97	83.4	7.698	17.1	6.429	80.6	18.02	11.74	65.29	65.54	84.8	80.5	0	0.016	26.4	5.625	0	11.5
8/22/2012 6:00	26977	10.26	82.7	8.81	15.31	5.807	79.8	19.13	11.74	64.55	64.77	85.1	81	0	0.022	26.4	5.619	-0.006	14.03
8/22/2012 7:00	26978	9.73	76.53	9.55	15.31	5.618	72.48	19.84	11.74	63.55	63.92	88.4	84	0	0.02	26.41	5.619	0	16.72
8/22/2012 8:00	26979	10.02	78.58	9.04	15.31	5.657	74.52	19.35	11.74	64.24	64.52	88	84.5	0	15.21	26.42	5.619	0	11.44
8/22/2012 9:00	26980	10.79	82.7	9.97	17.1	6.538	79.15	19.88	13.52	65.81	66.98	84.4	78.97	0	155.5	26.43	5.615	-0.003	16.55
8/22/2012 10:00	26981	10.13	98	15.51	17.1	6.493	95.4	26.01	11.74	68.77	71.02	77.49	70.68	0	380	26.46	5.615	0	11.53
8/22/2012 11:00	26982	7.806	104.4	21.32	13.52	5.393	103.8	32.65	11.74	72.92	75.26	69.23	62.95	0	575.6	26.49	5.614	-0.001	11.4
8/22/2012 12:00	26983	7.861	122.5	26.74	13.52	5.446	123.5	38.17	11.74	76.55	79.23	61.76	55.91	0	760.5	26.52	5.61	-0.003	11.5
8/22/2012 13:00	26984	6.51	129.3	42.24	13.52	4.587	134.6	53.23	9.95	80.6	83.2	54.07	49.04	0	874	26.53	5.607	-0.004	12.1
8/22/2012 14:00	26985	7.842	134.4	31.46	17.1	5.518	136.7	41.3	13.52	84.3	87.1	48.1	43.8	0	975	26.52	5.594	-0.013	11.33

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/22/2012 15:00	26986	9.46	141.8	30.63	17.1	6.441	144.7	38.8	13.52	86.5	89.9	43.37	38.78	0	962	26.51	5.584	-0.01	12.43
8/22/2012 16:00	26987	8.11	134.9	38.78	15.31	5.593	135.1	47.69	13.52	88.9	91.8	38.76	35.1	0	874	26.49	5.568	-0.016	11.4
8/22/2012 17:00	26988	5.538	146	87.7	15.31	4.139	147.2	87.5	11.74	91	92.5	34.38	31.99	0	715.4	26.48	5.546	-0.022	13.05
8/22/2012 18:00	26989	5.043	124.8	59.78	13.52	3.516	121.7	66.03	11.74	91.9	93	33.37	31.49	0	510	26.46	5.527	-0.019	11.32
8/22/2012 19:00	26990	7.036	130.8	54.73	13.52	4.788	129.9	60.56	11.74	90.8	91.8	33.47	31.75	0	318.2	26.44	5.511	-0.016	11.12
8/22/2012 20:00	26991	5.583	122.2	22.01	11.74	3.213	125.5	29.69	8.16	88.4	88.6	35.07	34.06	0	50.6	26.42	5.502	-0.009	11.15
8/22/2012 21:00	26992	4.59	107.1	14.85	8.16	1.865	109.5	17.91	6.368	86.9	86	37.12	37.89	0	1.504	26.41	5.49	-0.013	16.68
8/22/2012 22:00	26993	5.611	114.4	35.38	11.74	2.827	115.4	38.54	8.16	85.4	84.8	39.89	39.64	0	0.034	26.4	5.465	-0.025	15.14
8/22/2012 23:00	26994	12.31	164.3	13.62	20.68	7.069	167.7	19.6	15.31	81.5	81.4	48.9	47.26	0	0.05	26.41	5.458	-0.006	16.75
8/23/2012 0:00	26995	14.67	163.8	9.2	22.47	8.5	166.6	17.3	17.1	80.8	80.7	46.54	44.83	0	0.049	26.41	5.446	-0.013	16.65
8/23/2012 1:00	26996	13.55	159.3	8.93	26.05	7.685	162.3	17.24	24.26	80.2	80.1	47.8	46.01	0	0.067	26.41	5.43	-0.016	14.44
8/23/2012 2:00	26997	11.91	160.8	8.75	18.89	6.734	163.2	17.15	11.74	78.49	78.25	52.18	50.18	0	0.052	26.41	5.408	-0.022	11.41
8/23/2012 3:00	26998	12	164.9	8.68	20.68	6.773	167.1	17.88	17.1	77.7	77.56	55.18	52.83	0	0.053	26.4	5.402	-0.006	16.85
8/23/2012 4:00	26999	11.81	173	9.6	18.89	6.901	176.4	17.41	13.52	77.11	76.94	56.14	53.77	0	0.057	26.39	5.396	-0.006	16.96
8/23/2012 5:00	27000	10.32	168.2	16.41	17.1	5.711	170.7	22.23	11.74	75.33	74.53	61.73	62.35	0.06	0.049	26.38	5.39	-0.006	10.99
8/23/2012 6:00	27001	6.671	99.5	44.79	13.52	3.55	94.9	50.43	9.95	72.69	71.25	71.58	74.19	0	0.022	26.38	5.39	0.001	11.45
8/23/2012 7:00	27002	6.829	105.9	19.69	11.74	3.597	100.4	28.17	6.368	71.93	71.33	74.53	74.23	0	0.05	26.38	5.39	0	16.86
8/23/2012 8:00	27003	7.776	127.8	7.683	11.74	3.942	128.2	18.9	8.16	71.23	70.84	76.2	74.99	0	5.737	26.38	5.39	0	11.44
8/23/2012 9:00	27004	10.81	145.3	11.24	18.89	6.147	148.7	18.58	11.74	71.6	71.66	74.01	71.93	0	60.03	26.38	5.39	0	11.37
8/23/2012 10:00	27005	12.25	157.1	9.46	20.68	7.17	161.2	17.69	15.31	73.85	74.58	68.74	66.02	0	227.3	26.39	5.389	-0.001	11.41
8/23/2012 11:00	27006	14.87	163.7	10.87	22.47	8.76	167.6	19.04	17.1	77.73	78.84	60.88	57.81	0	319.5	26.42	5.388	-0.001	11.41
8/23/2012 12:00	27007	15.39	170.5	10.8	22.47	9.12	173.8	18.37	18.89	79.29	80.1	57.71	55.1	0	248.2	26.43	5.392	0.003	13.35
8/23/2012 13:00	27008	14.97	168.1	9.6	24.26	8.8	171.4	17.68	18.89	80.4	80.8	54.92	52.77	0	203.5	26.42	5.392	0	14.21
8/23/2012 14:00	27009	12.59	167.4	15.23	18.89	7.715	170.8	21.21	15.31	84.6	85.9	46.49	44.28	0	442.7	26.42	5.385	-0.006	14.17
8/23/2012 15:00	27010	13.09	186.2	17.12	33.21	8.79	189.1	21.43	18.89	89	90.9	37.14	35.01	0	665.9	26.43	5.372	-0.013	11.4
8/23/2012 16:00	27011	10.92	180.2	17.96	22.47	7.178	183.8	22.8	17.1	89.3	90.7	35.34	33.57	0	416.9	26.42	5.359	-0.013	11.33
8/23/2012 17:00	27012	13.45	164.4	14.12	24.26	8.21	168.8	21.45	17.1	91.2	93.5	33.99	31.64	0	670.4	26.39	5.343	-0.016	16.77
8/23/2012 18:00	27013	12.97	168.4	17.04	22.47	8.04	171.2	22.86	17.1	92	94	31.88	29.82	0	488.2	26.38	5.321	-0.022	11.18
8/23/2012 19:00	27014	14.62	166.3	12.23	24.26	8.78	169.9	19.1	17.1	91	92	32.33	30.91	0	297.2	26.36	5.293	-0.028	11.19
8/23/2012 20:00	27015	13.94	151.7	11.83	26.05	8.03	155.8	18.41	17.1	88.9	89.1	33.92	32.94	0	77.11	26.34	5.262	-0.031	12.26
8/23/2012 21:00	27016	11.27	138.5	8.44	20.68	6.315	142.1	17	15.31	86.3	85.9	37.81	37.17	0	2.89	26.34	5.249	-0.013	11.21
8/23/2012 22:00	27017	8.96	273.8	79.17	17.1	5.678	271.2	78.97	11.74	82.9	82.4	46.01	46.63	0.01	0.037	26.36	5.243	-0.006	15
8/23/2012 23:00	27018	7.788	22.06	74.17	15.31	4.269	28.51	72.24	9.95	73.72	72.36	70.93	74.85	0.08	0.022	26.38	5.257	0.014	16.21
8/24/2012 0:00	27019	11.01	127.3	42.89	27.84	6.244	126.3	47.64	18.89	72.46	71.17	73.39	75.72	0	0.013	26.37	5.257	0	15.84
8/24/2012 1:00	27020	12.48	220.2	11.18	38.57	8.25	218.5	13.98	27.84	70.5	-7999	84	82.3	0.06	0.083	26.38	5.279	0.022	11.2
8/24/2012 2:00	27021	8.72	203.2	12.68	11.74	5.341	203.7	15.42	9.95	70.28	69.89	86.4	84.6	0	0.024	26.36	5.279	0	11.44
8/24/2012 3:00	27022	9.25	161.8	11.92	15.31	5.147	164.4	18.14	11.74	69.52	69.15	87.2	85.4	0	0.029	26.34	5.282	0.003	11.52
8/24/2012 4:00	27023	3.006	183.8	48.85	9.95	0.864	206.1	41.75	6.368	68.92	68.6	87.5	85.5	0	0.03	26.32	5.279	-0.003	13.29
8/24/2012 5:00	27024	2.314	176.3	32.87	6.368	0.379	166.9	21.38	4.578	68.7	68.2	86.7	85.7	0	0.032	26.29	5.279	0	16.63
8/24/2012 6:00	27025	2.298	234.7	51.86	6.368	0.273	201.8	21.4	2.789	68.08	67.6	87.4	87.8	0	0.035	26.28	5.279	0	16.35
8/24/2012 7:00	27026	3.442	245.6	12.95	4.578	0.209	245.7	3.788	2.789	67.72	67.26	89.3	89.7	0	0.056	26.28	5.279	0	11.58
8/24/2012 8:00	27027	3.955	222.7	6.649	8.16	0.555	214.4	4.903	4.578	67.3	66.44	89.9	92.2	0	14.1	26.28	5.279	0	14.16
8/24/2012 9:00	27028	4.816	236.5	14.61	9.95	3.042	236.8	17.8	8.16	68.96	69.25	87.6	88.3	0	126.1	26.3	5.279	0	11.59
8/24/2012 10:00	27029	7.063	229.2	12.97	11.74	4.837	228.7	18.13	8.16	72.63	73.51	77.67	74.19	0	312.9	26.32	5.279	0	16.09
8/24/2012 11:00	27030	9.59	217.8	13.28	15.31	6.807	216.9	17.02	13.52	76.45	78.27	67.01	63.57	0	562.1	26.35	5.278	-0.001	16.14

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/24/2012 12:00	27031	10.2	212.5	15.24	17.1	7.345	212.8	18.52	15.31	79.26	81.5	61.46	57.67	0	785.9	26.38	5.277	0	12.31
8/24/2012 13:00	27032	9.73	211.5	23.51	17.1	7.036	212.4	24.67	13.52	82.4	84.8	56.49	52.53	0	883	26.39	5.28	0.003	15.84
8/24/2012 14:00	27033	8.99	209	27.77	17.1	6.409	209.9	29.7	13.52	85.5	88.1	49.81	46.19	0	976	26.37	5.28	0	11.42
8/24/2012 15:00	27034	10.69	185.3	24.2	24.26	7.532	188.7	26.93	18.89	87.6	90.7	44.95	41.44	0	958	26.36	5.28	0	14.92
8/24/2012 16:00	27035	9.93	204.7	24.3	20.68	6.986	207.1	27.54	17.1	89.9	92.8	40.21	37.18	0	889	26.34	5.267	-0.013	13.38
8/24/2012 17:00	27036	12.1	213.3	18.44	22.47	8.55	214.6	20.92	18.89	91.4	94.2	34.29	31.91	0	772.6	26.31	5.239	-0.028	15.13
8/24/2012 18:00	27037	11.09	227.2	27.5	26.05	7.658	226.9	29.75	17.1	93.1	94.7	28.03	26.81	0	519.9	26.29	5.223	-0.016	11.15
8/24/2012 19:00	27038	13.96	226.5	15.8	26.05	9.41	225.8	18.76	22.47	92.5	93.1	27.79	27.08	0	274.1	26.27	5.188	-0.034	11.51
8/24/2012 20:00	27039	12.28	212.1	15.78	20.68	8.08	212.4	18.18	15.31	91.7	92.2	29.75	29.11	0	164.5	26.26	5.166	-0.022	16.36
8/24/2012 21:00	27040	15.27	179.2	8.86	27.84	9.14	182.5	15.78	20.68	82.6	82.6	48.31	46.75	0	9.53	26.26	5.148	-0.019	15.81
8/24/2012 22:00	27041	9.08	178.7	10.67	15.31	5.208	181.7	16.94	9.95	78.88	78.4	54.81	53.54	0	0.024	26.25	5.135	-0.012	16.58
8/24/2012 23:00	27042	7.683	176	9.05	11.74	4.104	177.4	16.72	8.16	76.62	75.89	60.1	59.08	0	0.025	26.25	5.13	-0.006	15.63
8/25/2012 0:00	27043	11.45	176.5	10.1	18.89	6.595	179.6	16.92	13.52	76.17	75.61	60.04	58.53	0	0.027	26.25	5.127	-0.003	15.54
8/25/2012 1:00	27044	15.08	189.3	9.75	27.84	9.34	192.3	15.51	18.89	76.37	76.24	59.9	57.61	0	0.037	26.25	5.123	-0.003	11.62
8/25/2012 2:00	27045	15.69	187.2	9.29	27.84	9.76	190.5	15.76	18.89	74.77	74.82	63.78	60.98	0	0.044	26.24	5.117	-0.006	11.44
8/25/2012 3:00	27046	14.79	192.5	8.84	26.05	9.39	194.7	14.59	17.1	74.54	74.54	63.41	60.89	0	0.037	26.24	5.108	-0.009	13.44
8/25/2012 4:00	27047	14.07	190.7	9.14	22.47	8.69	192.4	14.89	17.1	73.5	73.4	64.17	61.67	0	0.038	26.23	5.098	-0.01	16.39
8/25/2012 5:00	27048	12.49	191.4	11.09	22.47	7.799	194.3	16.16	17.1	71.84	71.75	70.04	67.23	0	0.028	26.22	5.089	-0.009	16.36
8/25/2012 6:00	27049	10.88	187	8.91	20.68	6.671	189.8	15.5	13.52	70.4	70.3	73.03	70.21	0	0.019	26.22	5.08	-0.01	16.63
8/25/2012 7:00	27050	12.35	184.3	10.07	22.47	7.415	187.8	16.89	17.1	69.82	69.75	73.98	71.12	0	0.017	26.22	5.08	0	11.5
8/25/2012 8:00	27051	7.905	183.9	10.56	17.1	4.608	187.3	16.73	11.74	68.51	68.5	78.5	75.21	0	19.04	26.23	5.073	-0.006	15.98
8/25/2012 9:00	27052	10.94	192.6	10.26	18.89	7.155	196.2	15.33	15.31	70.76	72.18	74.21	69.47	0	185.1	26.24	5.07	-0.003	16.03
8/25/2012 10:00	27053	11.48	208.6	11.35	18.89	7.752	208.7	15.25	13.52	75.92	77.61	61.7	57.55	0	398	26.26	5.065	-0.005	13.82
8/25/2012 11:00	27054	11.25	220	13.03	18.89	8.02	218.6	16.72	17.1	80.7	82.2	50.4	47.06	0	597.3	26.3	5.065	0	11.97
8/25/2012 12:00	27055	9.49	216.9	19.98	15.31	6.835	217.8	22.08	13.52	84.4	86.2	43.48	40.44	0	777.4	26.32	5.061	-0.004	16.01
8/25/2012 13:00	27056	9.19	213.2	22.37	15.31	6.71	215.6	23.95	13.52	88.3	90.1	36.05	33.58	0	899	26.34	5.045	-0.016	15.62
8/25/2012 14:00	27057	7.718	221.4	35.78	17.1	5.673	223.8	41.41	13.52	91.6	93.3	30.58	28.57	0	967	26.35	5.039	-0.006	15.63
8/25/2012 15:00	27058	6.736	248.2	57.97	17.1	4.768	244.5	60.19	11.74	93.6	95.3	27.3	25.53	0	876	26.34	5.023	-0.016	11.31
8/25/2012 16:00	27059	9.52	169.4	42.9	22.47	6.459	171.1	46	18.89	94.7	97.5	25.99	23.88	0	918	26.33	5.001	-0.022	11.24
8/25/2012 17:00	27060	7.704	171.8	37.82	15.31	5.29	173.5	40.09	13.52	94.8	97.1	24.76	23.16	0	652.9	26.31	4.953	-0.048	11.14
8/25/2012 18:00	27061	6.807	295.3	70.71	13.52	5.122	295	66.74	11.74	94	95	25.86	24.68	0	399	26.29	4.934	-0.019	15.64
8/25/2012 19:00	27062	5.337	344.3	50.14	9.95	3.949	335.1	45	9.95	93.5	93.8	25.7	25.05	0	276.5	26.28	4.913	-0.022	14.82
8/25/2012 20:00	27063	4.849	97.5	66.91	9.95	2.83	96	69.03	8.16	91.8	91.8	26.07	26.28	0	70.13	26.28	4.9	-0.013	11.85
8/25/2012 21:00	27064	7.518	128.5	36.78	20.68	3.843	137.3	39.14	15.31	88	87.2	35.63	36.05	0	2.902	26.29	4.888	-0.012	10.98
8/25/2012 22:00	27065	8.03	172.3	11.68	17.1	4.578	174.8	18.27	13.52	83.1	82.9	47.06	45.8	0	0.035	26.32	4.878	-0.01	16.57
8/25/2012 23:00	27066	6.901	151.3	15.79	11.74	3.548	150.1	22.26	8.16	80.8	80.2	51.23	50.22	0	0.035	26.32	4.872	-0.006	15.59
8/26/2012 0:00	27067	8.7	150.1	12.86	17.1	4.685	151.7	22.02	11.74	79.96	79.56	51.63	50.35	0	0.041	26.32	4.866	-0.006	11.32
8/26/2012 1:00	27068	8.84	170.3	8.28	22.47	4.904	173.5	17.28	13.52	78	77.6	53.66	52.17	0	0.049	26.33	4.857	-0.009	16.05
8/26/2012 2:00	27069	5.865	156.3	27.24	8.16	2.527	150.3	32.21	6.368	74.99	73.8	59.45	59.11	0	0.024	26.32	4.851	-0.006	15.95
8/26/2012 3:00	27070	6.698	127.1	15.85	11.74	3.06	126.5	27.1	8.16	73.86	72.81	64.85	63.82	0	0.017	26.31	4.842	-0.009	11.59
8/26/2012 4:00	27071	7.001	128.6	15.35	11.74	3.594	122.3	24.18	8.16	73.89	73.08	66.78	65.21	0	0.032	26.3	4.835	-0.006	16.83
8/26/2012 5:00	27072	6.791	90.7	10.92	9.95	3.555	82.1	17.96	6.368	72.29	71.55	70.04	68.56	0	0.029	26.31	4.832	-0.003	16.56
8/26/2012 6:00	27073	7.304	75.97	9.77	9.95	3.947	68.31	18.65	8.16	70.9	70.55	73.74	71.36	0	0.028	26.31	4.829	-0.003	11.86
8/26/2012 7:00	27074	6.974	84.2	11.07	9.95	3.611	76.69	20.24	6.368	69.8	69.44	76.12	73.68	0	0.026	26.32	4.826	-0.003	16.66
8/26/2012 8:00	27075	10.45	64.94	9.92	17.1	6.084	58.86	18.01	11.74	69.23	69.25	77.2	73.9	0	18.43	26.35	4.82	-0.006	11.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/26/2012 9:00	27076	11.03	87.8	10.98	17.1	6.611	84.4	21.54	13.52	71.88	73.24	70.27	65.73	0	183.6	26.37	4.819	0	11.5
8/26/2012 10:00	27077	12.13	110.2	14.22	20.68	7.466	110	25.28	15.31	75.65	77.73	60.69	55.94	0	398.3	26.42	4.815	-0.004	12.56
8/26/2012 11:00	27078	12.11	129.5	14.2	18.89	7.521	131.7	23.53	15.31	77.97	80.9	60.08	54.3	0	593.1	26.46	4.815	0	11.39
8/26/2012 12:00	27079	10.3	133.1	19.41	17.1	6.672	135.2	30.32	13.52	81.1	84.4	55.35	49.72	0	792	26.49	4.811	-0.004	15.62
8/26/2012 13:00	27080	9.02	128	23.8	26.05	6.002	129.4	35.95	17.1	85.1	88.3	49.87	45.17	0	863	26.5	4.801	-0.01	11.54
8/26/2012 14:00	27081	9	106.8	24.61	17.1	6.103	104.7	34.64	13.52	87.8	91	45.46	41.15	0	858	26.51	4.785	-0.016	11.31
8/26/2012 15:00	27082	9.93	102.9	33.43	27.84	6.525	101.1	44.12	17.1	89.3	92.5	43.63	39.34	0	823	26.5	4.766	-0.019	11.25
8/26/2012 16:00	27083	15.84	100.4	14.42	29.63	9.87	99.6	24.71	22.47	83.3	85.7	53.11	48.25	0	554.6	26.47	4.745	-0.022	11.18
8/26/2012 17:00	27084	15.21	115.9	11.5	26.05	9.19	116.5	22.91	20.68	81.5	84.7	53.99	48.2	0	711.1	26.45	4.701	-0.044	15.71
8/26/2012 18:00	27085	11.25	99	17.32	18.89	7.304	97.1	27.62	13.52	86.2	89	46.52	42.2	0	650.2	26.44	4.669	-0.032	11.89
8/26/2012 19:00	27086	12.32	84.9	12.25	18.89	7.768	81.8	23.1	13.52	87.7	89.5	42.5	39.6	0	400.3	26.44	4.637	-0.032	11.21
8/26/2012 20:00	27087	13.44	87	17.18	26.05	8.03	83.7	26.17	20.68	85.3	85.9	46.1	43.93	0	56.83	26.43	4.621	-0.015	11.09
8/26/2012 21:00	27088	13.44	113.8	15.21	24.26	7.991	114.8	24.84	17.1	78.02	78.47	60.34	57.18	0	5.437	26.44	4.609	-0.013	11.21
8/26/2012 22:00	27089	10.22	104.3	16.1	17.1	6.123	103.1	25.91	13.52	74.3	74.54	66.46	63.28	0	0.021	26.45	4.597	-0.012	16.12
8/26/2012 23:00	27090	8.1	107.4	11.15	13.52	4.852	107.1	22.45	11.74	72.84	73.04	67.76	64.53	0	0.025	26.46	4.588	-0.009	14.65
8/27/2012 0:00	27091	3.304	157.8	28.22	8.16	1.472	169	25.31	6.368	71.43	71.7	73.02	69.36	0	0.025	26.48	4.585	-0.003	13.77
8/27/2012 1:00	27092	3.102	60.41	61.52	6.368	1.086	61.45	40.8	4.578	71.45	70.92	72.35	70.24	0	0.023	26.48	4.582	-0.003	11.41
8/27/2012 2:00	27093	5.966	55.7	11.51	9.95	3.001	52.71	17.25	6.368	71.42	71.14	71.64	69.32	0	0.022	26.47	4.563	-0.019	11.61
8/27/2012 3:00	27094	6.46	42.02	9.85	9.95	3.297	37.41	13.5	8.16	70.34	70.48	74.06	70.68	0	0.021	26.47	4.56	-0.003	11.54
8/27/2012 4:00	27095	7.139	32.75	12.68	11.74	4.23	27.54	14.65	9.95	69.25	69.58	75.9	72.25	0	0.019	26.46	4.553	-0.006	16.63
8/27/2012 5:00	27096	6.725	37.73	11.22	11.74	3.51	33.9	14.12	6.368	68.45	68.72	74.9	71.46	0	0.017	26.46	4.553	0	11.43
8/27/2012 6:00	27097	6.568	33.31	10.07	11.74	3.748	28.34	12.68	9.95	67.82	68.11	76.12	72.45	0	0.018	26.46	4.55	-0.003	16.46
8/27/2012 7:00	27098	8.29	33.25	12.59	11.74	4.905	28.64	15.28	9.95	67.02	67.36	78.9	74.91	0	0.015	26.47	4.547	-0.003	11.52
8/27/2012 8:00	27099	8.25	49.16	9.57	13.52	4.43	45.55	17.23	9.95	67.16	67.38	80.4	76.56	0	15.52	26.48	4.547	0	11.05
8/27/2012 9:00	27100	9.31	46.04	12.16	15.31	5.179	38.96	16.15	9.95	69.21	70.5	79.02	73.55	0	171.6	26.5	4.54	-0.006	16.39
8/27/2012 10:00	27101	10.3	61.7	12.56	17.1	6.379	56.07	20.2	13.52	73.43	75.16	71.14	65.72	0	298.5	26.54	4.543	0.002	11.53
8/27/2012 11:00	27102	11.37	86.3	12.65	17.1	7.272	82.7	23.58	13.52	76.23	78.83	65.72	59.85	0	580.4	26.58	4.539	-0.004	11.04
8/27/2012 12:00	27103	7.548	81.8	26.88	15.31	5.121	76.43	36	11.74	80.5	83.1	57.1	52.18	0	740.5	26.61	4.536	-0.003	16.68
8/27/2012 13:00	27104	6.141	72.98	42.37	13.52	4.214	64.42	46.93	9.95	84	86.2	50.62	46.75	0	677.6	26.62	4.526	-0.01	11.44
8/27/2012 14:00	27105	8.87	79.01	20.91	18.89	5.961	74.9	31.01	13.52	85.6	88.4	45.78	41.68	0	906	26.61	4.513	-0.013	15.64
8/27/2012 15:00	27106	11.2	74.45	24	22.47	7.25	70.45	31.66	15.31	87.3	90.2	41.61	37.56	0	891	26.59	4.497	-0.016	11.33
8/27/2012 16:00	27107	11.38	62.12	19.09	22.47	6.966	57.19	26.33	17.1	86.6	88.7	42.73	39.34	0	540.7	26.56	4.466	-0.031	16.13
8/27/2012 17:00	27108	12.63	73.96	20.11	22.47	7.875	70.69	27.32	17.1	87.1	88.7	40.48	37.69	0	336.2	26.54	4.44	-0.025	11.27
8/27/2012 18:00	27109	14.53	79.99	14.85	26.05	8.96	77.02	24.14	18.89	88.1	89.8	36.19	33.72	0	501.2	26.52	4.421	-0.019	16.46
8/27/2012 19:00	27110	14.39	82	14.29	26.05	8.84	79.46	23.36	20.68	88	89.1	33.87	32.04	0	315.7	26.52	4.406	-0.016	11.33
8/27/2012 20:00	27111	14.74	87	11.55	22.47	8.95	84.4	21.94	18.89	87.1	87.7	30.42	29.39	0	165.9	26.51	4.39	-0.016	11.39
8/27/2012 21:00	27112	8.55	112.7	37.45	17.1	4.818	111.2	40.77	11.74	82.8	82.3	38.81	37.49	0	9.13	26.51	4.368	-0.022	15.63
8/27/2012 22:00	27113	8.22	168.8	10.79	13.52	4.545	169.8	17.92	9.95	76.12	75.98	64.69	61.86	0	0.023	26.52	4.359	-0.009	16.45
8/27/2012 23:00	27114	5.05	194.1	13.3	9.95	2.133	192.8	13.94	6.368	73.4	72.91	70.25	67.82	0	0.023	26.52	4.353	-0.005	16.49
8/28/2012 0:00	27115	2.817	218.2	32.27	4.578	0.576	192.7	40.15	2.789	71.88	70.13	72.83	72.35	0	0.014	26.52	4.35	-0.003	13.57
8/28/2012 1:00	27116	4.968	306	13.14	8.16	2.047	317	7.757	4.578	71.46	69.83	74.92	73.66	0	0.01	26.51	4.347	-0.003	11.35
8/28/2012 2:00	27117	5.732	327.2	5.531	8.16	2.897	327.4	8.68	4.578	70.66	69.55	76.17	74.82	0	0.007	26.5	4.344	-0.003	13.18
8/28/2012 3:00	27118	4.607	323	9.26	8.16	1.133	319.9	14.25	4.578	69.5	68.24	77.95	76.65	0	0.011	26.49	4.344	0	15.67
8/28/2012 4:00	27119	5.511	325.3	10.8	9.95	2.293	319	10.82	6.368	68.52	67.48	78.37	77.11	0	0.01	26.47	4.341	-0.003	11.14
8/28/2012 5:00	27120	5.157	309.3	17.48	9.95	2.423	300	31.29	6.368	67.65	65.97	76.97	77.36	0	0.01	26.47	4.341	0	11.58

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/28/2012 6:00	27121	8.21	331.4	5.538	11.74	5.61	328.2	9.1	9.95	68.49	67.95	74.21	72.45	0	0.008	26.46	4.338	-0.003	11.63
8/28/2012 7:00	27122	9.21	338.5	8.49	13.52	6.199	337.7	12.39	9.95	68.46	68.2	74.46	72.12	0	0.01	26.47	4.338	0	11.61
8/28/2012 8:00	27123	8.93	7.314	23.06	17.1	5.35	4.439	23.1	11.74	67.26	67.33	75.56	72.45	0	15.78	26.49	4.334	-0.003	11.61
8/28/2012 9:00	27124	11.24	25.76	10.64	18.89	7.273	21.31	13.4	13.52	66.91	68.01	77.92	72.78	0	168.2	26.51	4.331	-0.003	15.92
8/28/2012 10:00	27125	11.2	47.97	15.91	17.1	6.383	43.18	19.51	13.52	73.08	74.59	65.44	60.93	0	381.5	26.54	4.331	0	14.92
8/28/2012 11:00	27126	11.26	68.98	13.18	18.89	7.054	63.71	21.75	13.52	77	79.39	58.33	53.35	0	582.8	26.58	4.33	-0.001	11.5
8/28/2012 12:00	27127	9.89	60.99	19.69	17.1	6.184	56.69	27.05	15.31	80.2	82.8	51.53	47.06	0	741.1	26.6	4.323	-0.006	11.34
8/28/2012 13:00	27128	10.65	34.19	20.62	20.68	6.955	30.39	22.8	18.89	82.5	84.4	45.82	42.24	0	741.8	26.6	4.314	-0.01	14.76
8/28/2012 14:00	27129	13.78	35.59	18.26	26.05	8.67	30.7	20.86	20.68	84.7	86.6	35.95	33.13	0	923	26.59	4.297	-0.016	11.45
8/28/2012 15:00	27130	14.43	38.17	18.43	26.05	8.85	32.48	21.2	18.89	86.5	88.6	28.61	26.33	0	953	26.57	4.269	-0.028	11.27
8/28/2012 16:00	27131	13.72	50.34	16.93	24.26	7.986	44.08	21.11	18.89	87.8	90	23.82	22.01	0	886	26.55	4.234	-0.035	15.66
8/28/2012 17:00	27132	13.88	60.56	18.44	29.63	8.47	55.59	25.82	22.47	88.1	90.2	21.46	19.96	0	756.8	26.53	4.196	-0.038	13.64
8/28/2012 18:00	27133	13.51	57.26	20.36	27.84	7.903	52.64	25.25	22.47	88.2	89.8	19.9	18.82	0	577.2	26.51	4.168	-0.028	16.72
8/28/2012 19:00	27134	13.83	67.35	21.42	24.26	8.44	63.17	27.42	18.89	87.2	88.3	21.2	20.37	0	363.9	26.49	4.124	-0.044	11.22
8/28/2012 20:00	27135	12.56	71.9	11.34	26.05	7.617	67.25	20.32	17.1	85.7	86.1	22.47	22.01	0	144.9	26.47	4.102	-0.022	11.19
8/28/2012 21:00	27136	7.993	61.01	9.5	15.31	4.459	59.87	18.56	11.74	82	81.4	25.86	25.93	0	6.347	26.46	4.076	-0.025	11.43
8/28/2012 22:00	27137	6.544	58.27	11.52	9.95	3.297	60.18	18.66	6.368	77.88	76.23	30.73	31.81	0	0.017	26.45	4.071	-0.006	11.38
8/28/2012 23:00	27138	6.731	31.9	9.19	11.74	3.489	28.69	11.75	8.16	75.14	74.69	33.38	33.01	0	0.017	26.44	4.065	-0.006	11.44
8/29/2012 0:00	27139	8.78	36.37	11.19	15.31	4.909	29.14	13.79	11.74	74.35	74.15	36.88	35.91	0	0.024	26.44	4.059	-0.006	16.03
8/29/2012 1:00	27140	10.3	42.53	9.38	20.68	5.355	36.15	13.11	11.74	73.81	73.85	42.64	41.09	0	0.031	26.44	4.052	-0.006	15.73
8/29/2012 2:00	27141	8.2	43.25	12.08	13.52	4.424	37.58	16.66	8.16	71.85	71.8	49.52	47.6	0	0.025	26.44	4.046	-0.006	11.52
8/29/2012 3:00	27142	6.897	32.31	10.1	11.74	3.788	29.39	13.25	9.95	69.52	69.62	55.58	53.02	0	0.019	26.43	4.04	-0.006	15.85
8/29/2012 4:00	27143	7.297	27.96	10.47	11.74	4.334	25.14	13.25	9.95	68.84	68.98	58.28	55.53	0	0.014	26.42	4.036	-0.003	11.52
8/29/2012 5:00	27144	8.86	23.14	8.19	13.52	5.853	20.16	11.53	11.74	68.63	68.84	61.03	58	0	0.015	26.42	4.024	-0.013	16.46
8/29/2012 6:00	27145	8.98	28.09	9.71	13.52	5.18	25.52	12.48	11.74	67.47	67.72	64.31	61.16	0	0.018	26.42	4.024	0	11.61
8/29/2012 7:00	27146	8.44	30.91	10.32	13.52	4.845	27.6	13.23	11.74	66.38	66.63	65.44	62.23	0	0.02	26.41	4.02	-0.003	11.56
8/29/2012 8:00	27147	9.34	29.6	10.08	13.52	5.345	27.1	12.56	11.74	65.79	66.04	64.61	61.45	0	16.96	26.41	4.014	-0.006	13.55
8/29/2012 9:00	27148	9.49	41.47	13.06	13.52	5.397	37.14	16.3	11.74	68.01	69.19	59.52	55.57	0	171.3	26.43	4.011	-0.003	11.49
8/29/2012 10:00	27149	7.866	58.19	12.28	13.52	4.893	51.08	18.59	11.74	73.74	75.56	54.65	50.48	0	410.2	26.46	4.007	-0.004	11.49
8/29/2012 11:00	27150	5.843	67.25	24.68	11.74	4.078	60.55	31.85	9.95	78.96	80.8	54.36	50.45	0	549.4	26.51	4.006	-0.001	11.49
8/29/2012 12:00	27151	7.023	48.81	36.88	15.31	4.777	40.08	38.86	11.74	81.7	83.7	49.66	45.57	0	683.3	26.53	4.003	-0.004	11.43
8/29/2012 13:00	27152	8.27	44.62	25.15	17.1	5.327	39.99	28.74	15.31	83.3	85.3	40.94	37.78	0	759.8	26.53	3.99	-0.013	11.2
8/29/2012 14:00	27153	9.46	24.75	29.41	20.68	6.623	19.3	33.73	17.1	84.7	86.5	35.03	32.31	0	829	26.5	3.965	-0.025	14.01
8/29/2012 15:00	27154	7.582	55.8	41.24	20.68	5.103	46.9	49.34	13.52	88	90.2	27.57	25.56	0	979	26.49	3.946	-0.019	14.89
8/29/2012 16:00	27155	9.42	26.42	30.82	26.05	6.336	21.15	33.88	17.1	87.8	89.4	20.95	19.64	0	700.4	26.47	3.92	-0.025	11.29
8/29/2012 17:00	27156	7.862	40.51	30.32	17.1	4.998	33.05	33.21	11.74	87.2	88.4	20.05	19.22	0	496	26.44	3.901	-0.019	15.85
8/29/2012 18:00	27157	8.74	30.08	32.17	17.1	5.898	25.99	36.29	15.31	88.4	89.8	15	14.47	0	593.5	26.43	3.879	-0.022	11.17
8/29/2012 19:00	27158	8.18	34.1	22.48	15.31	5.343	29.33	26.71	11.74	88	88.8	12.13	12.22	0	367.9	26.42	3.848	-0.032	11.35
8/29/2012 20:00	27159	8.2	42.35	12.87	15.31	4.619	36.11	16.16	11.74	85.4	85.2	14.91	15.15	0	52.68	26.4	3.835	-0.012	16.7
8/29/2012 21:00	27160	6.7	49.33	9.23	11.74	3.51	46.36	16.46	6.368	80.6	79.72	19.4	19.91	0	4.353	26.38	3.826	-0.009	11.18
8/29/2012 22:00	27161	7.729	57.18	8.97	11.74	4.214	57.58	17.14	8.16	77.36	75.88	22.29	23.11	0	0.019	26.37	3.817	-0.009	15.66
8/29/2012 23:00	27162	6.905	44.5	12.27	11.74	3.48	43.01	17.89	9.95	75.06	73.8	25.2	25.7	0	0.022	26.37	3.805	-0.012	16.65
8/30/2012 0:00	27163	8.29	52.97	8.11	13.52	4.608	52.53	15.83	8.16	73.95	72.72	27.88	28.15	0	0.02	26.37	3.802	-0.003	16.55
8/30/2012 1:00	27164	8.7	65.71	7.891	17.1	4.707	60.95	16.32	9.95	70.51	69.34	33.87	33.79	0	0.019	26.37	3.789	-0.013	11.08
8/30/2012 2:00	27165	7.845	71.19	5.681	9.95	3.912	62.5	16.4	6.368	68.47	66.72	37.55	38.14	0	0.009	26.36	3.783	-0.006	11.52

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/30/2012 3:00	27166	6.425	48.97	10.8	9.95	3.209	43.77	15.66	6.368	67.73	66.37	39.13	39.34	0	0.009	26.35	3.776	-0.006	16.65
8/30/2012 4:00	27167	4.742	44.89	8.13	8.16	1.741	38.12	11.36	4.578	66.46	65.01	41.43	41.65	0	0.008	26.33	3.773	-0.003	11.54
8/30/2012 5:00	27168	5.666	16.98	27.92	9.95	3.144	12.42	31.36	6.368	64.68	63.8	44.34	43.66	0	0.006	26.32	3.77	-0.003	11.52
8/30/2012 6:00	27169	5.766	26.06	10.52	9.95	2.665	28.93	13.9	6.368	64.2	63.52	45.9	44.95	0	0.007	26.32	3.742	-0.028	11.6
8/30/2012 7:00	27170	4.122	337	34.73	8.16	2.122	303.3	38.1	4.578	62.53	60.52	48.84	49.95	0	0.005	26.32	3.742	0	16.46
8/30/2012 8:00	27171	6.138	0.479	28.62	9.95	3.63	358.4	34.96	8.16	64.06	62.76	46.84	46.91	0	32.09	26.33	3.739	-0.003	11.63
8/30/2012 9:00	27172	7.478	25.43	19.75	13.52	4.662	22.45	24.48	9.95	67.8	68.94	43.47	40.58	0	215	26.36	3.732	-0.007	11.56
8/30/2012 10:00	27173	9.11	39.19	11.88	13.52	5.34	36.12	18.44	11.74	72.86	73.96	37.44	35.23	0	418.2	26.4	3.728	-0.004	16.36
8/30/2012 11:00	27174	6.473	35.81	22.46	11.74	4.207	29.89	29.23	9.95	79.62	80.9	28.56	26.94	0	617.9	26.44	3.721	-0.007	11.19
8/30/2012 12:00	27175	4.332	82.7	78.3	13.52	3.221	78.22	79.13	8.16	85.1	86.2	21.8	21.1	0	800	26.48	3.714	-0.007	11.07
8/30/2012 13:00	27176	5.226	317.5	82.8	15.31	3.799	310.5	75.62	13.52	85.7	86.6	20.61	19.73	0	727.3	26.48	3.708	-0.006	16.83
8/30/2012 14:00	27177	6.268	23.83	54.84	15.31	4.777	13.56	58.86	11.74	88.1	89.3	18.53	17.6	0	978	26.47	3.695	-0.013	14.98
8/30/2012 15:00	27178	6.234	28.99	42.24	15.31	4.325	16.43	46.39	11.74	89.8	91.1	17.05	16.26	0	967	26.46	3.689	-0.006	12.46
8/30/2012 16:00	27179	7.465	18.41	50.74	18.89	5.307	10.91	55.13	13.52	90.1	91.6	16.53	15.59	0	809	26.44	3.667	-0.022	14.58
8/30/2012 17:00	27180	7.286	14.14	35.46	17.1	5.258	6.925	36.76	13.52	90.4	91.5	15.39	14.68	0	709.9	26.41	3.641	-0.025	13.4
8/30/2012 18:00	27181	7.868	14.58	30.25	15.31	5.664	8.14	31.98	13.52	90.6	91.5	14.93	14.34	0	577.7	26.39	3.619	-0.022	11.28
8/30/2012 19:00	27182	7.471	20.26	34.19	15.31	5.07	17	34.71	11.74	89.5	89.9	14.89	14.72	0	326.1	26.38	3.6	-0.019	16.6
8/30/2012 20:00	27183	7.829	60.1	20.81	13.52	4.651	56.02	24.11	9.95	87.2	87	17.19	17.41	0	86.3	26.36	3.588	-0.012	15.78
8/30/2012 21:00	27184	8.25	70.08	7.248	11.74	4.5	65.55	17.65	8.16	82.4	81.6	22.72	23.05	0	6.64	26.35	3.572	-0.016	11.18
8/30/2012 22:00	27185	7.711	65.33	7.376	11.74	3.951	66.57	17.31	8.16	77.8	76.19	26.86	27.75	0	0.02	26.35	3.56	-0.012	11.27
8/30/2012 23:00	27186	7.038	56.69	6.767	9.95	3.499	56.99	15.97	8.16	77.31	75.18	27.33	28.79	0	0.027	26.35	3.551	-0.009	16.33
8/31/2012 0:00	27187	5.583	31.33	11.52	8.16	2.784	27.01	14.95	6.368	75.41	74.17	27.69	28.23	0	0.018	26.36	3.548	-0.003	16.71
8/31/2012 1:00	27188	5.708	28.36	9.23	11.74	2.856	27.43	14.99	6.368	74.8	73.34	27.02	27.9	0	0.022	26.36	3.542	-0.006	11.45
8/31/2012 2:00	27189	6.233	35.32	8.54	11.74	2.743	34.59	11.94	6.368	73.39	71.71	28	29.18	0	0.02	26.36	3.539	-0.003	11.37
8/31/2012 3:00	27190	4.859	32.12	45.14	9.95	2.548	19.09	45.98	6.368	69.51	68.01	33.69	34.1	0	0.018	26.36	3.529	-0.01	12.35
8/31/2012 4:00	27191	6.231	47.21	8.46	8.16	2.846	41.28	14.25	6.368	68.94	67.31	37.34	37.74	0	0.006	26.34	3.526	-0.003	13.95
8/31/2012 5:00	27192	5.704	44.84	7.655	8.16	2.597	36.23	12.75	6.368	67.6	66.16	41.21	41.25	0	0.008	26.34	3.523	-0.003	11.48
8/31/2012 6:00	27193	4.937	47.2	7.547	8.16	1.749	39.69	19.64	6.368	67.09	65.02	43.29	44.02	0	0.008	26.34	3.52	-0.003	14.47
8/31/2012 7:00	27194	3.381	44.01	12.54	4.578	0.156	268.9	23.71	2.789	67.88	62.16	44.25	48.61	0	0.009	26.34	3.52	0	15.61
8/31/2012 8:00	27195	2.637	47.18	16.76	6.368	0.418	203.8	29.15	4.578	67.21	60.98	46.22	51.46	0	16.43	26.35	3.511	-0.009	16.47
8/31/2012 9:00	27196	3.922	38.6	11.9	8.16	1.192	36.09	9.72	4.578	70.69	70.74	43.53	42.46	0	178.2	26.38	3.494	-0.016	11.93
8/31/2012 10:00	27197	3.612	105.9	50.33	8.16	1.993	103.5	48.12	6.368	79.86	81.2	36.13	34.39	0	397.3	26.44	3.49	-0.004	11.43
8/31/2012 11:00	27198	5.139	130.7	29.95	9.95	3.405	130.3	37.14	8.16	85.3	87.3	30.06	28.53	0	601.5	26.5	3.489	-0.001	16.25
8/31/2012 12:00	27199	5.616	112.7	59.93	11.74	3.835	110.6	66.37	9.95	88.4	90.3	22.26	21.22	0	785.2	26.53	3.486	-0.003	14.24
8/31/2012 13:00	27200	7.74	77.35	54.11	18.89	5.348	72.39	61.01	13.52	89.1	91.2	18.45	17.45	0	908	26.54	3.477	-0.01	16.64
8/31/2012 14:00	27201	6.675	73.44	65.76	26.05	4.797	65.24	69.92	20.68	91.8	93.5	15.9	15.24	0	965	26.53	3.467	-0.01	16.75
8/31/2012 15:00	27202	8.08	117.8	38.28	18.89	5.579	116.8	48.9	13.52	91.8	94.3	14.09	13.38	0	960	26.51	3.432	-0.035	11.31
8/31/2012 16:00	27203	8.07	135	55.71	17.1	5.68	138.2	60.66	11.74	92.5	94.9	13.5	12.76	0	890	26.5	3.413	-0.019	11.21
8/31/2012 17:00	27204	6.994	151.9	62.95	15.31	4.821	153.5	66.38	11.74	93.6	95.7	11.82	11.35	0	754.4	26.48	3.375	-0.038	11.14
8/31/2012 18:00	27205	5.94	163.1	60.37	15.31	4.169	165.4	57.3	11.74	94.2	95.4	12.88	12.66	0	569.7	26.47	3.347	-0.029	16.62
8/31/2012 19:00	27206	6.931	126.8	43.52	15.31	4.526	127.2	52.12	11.74	92.3	93.3	16	15.71	0	354.3	26.46	3.334	-0.013	12.27
8/31/2012 20:00	27207	6.52	131.1	19.92	13.52	3.733	133.2	26.63	9.95	89.8	89.7	18.27	18.51	0	91	26.45	3.325	-0.009	11.56
8/31/2012 21:00	27208	6.538	137.7	10.72	9.95	2.683	132.4	16.6	6.368	85.1	83	23.85	25.07	0	4.147	26.44	3.312	-0.013	16.03
8/31/2012 22:00	27209	6.969	132.1	6.184	9.95	2.624	121.8	14.83	4.578	80.4	77.54	29.55	31.37	0	0.018	26.42	3.307	-0.006	16.88
8/31/2012 23:00	27210	8.3	124.4	10.29	13.52	3.721	118.9	20.55	8.16	78.07	75.79	32.31	33.65	0	0.031	26.43	3.304	-0.003	16.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/1/2012 0:00	27211	7.756	103.5	23.79	11.74	3.629	92.2	27.03	8.16	77.27	75.15	33.59	34.78	0	0.029	26.43	3.288	-0.016	11.22
9/1/2012 1:00	27212	9.11	65.69	6.942	24.26	4.927	60.89	16.96	15.31	74.62	73.33	35.39	35.69	0	0.036	26.44	3.279	-0.009	13.58
9/1/2012 2:00	27213	8.96	63.85	6.507	11.74	4.631	58.34	15.56	8.16	74.16	72.55	34.29	34.99	0	0.029	26.43	3.272	-0.006	11.35
9/1/2012 3:00	27214	7.345	63.95	10	11.74	3.536	55.53	17.27	8.16	73.65	72.05	34.92	35.56	0	0.026	26.43	3.269	-0.003	16.82
9/1/2012 4:00	27215	8.6	70.32	6.455	11.74	4.386	61.26	16.46	8.16	74.43	72.47	32.73	34.03	0	0.035	26.42	3.266	-0.003	11.41
9/1/2012 5:00	27216	8.35	66.33	6.79	11.74	4.1	60.05	17.12	6.368	73.46	71.67	32.69	33.82	0	0.037	26.43	3.234	-0.032	11.4
9/1/2012 6:00	27217	5.07	105.8	31.55	9.95	1.818	80.6	33.57	6.368	71.35	69.27	37.4	37.92	0	0.037	26.43	3.234	0	16.33
9/1/2012 7:00	27218	4.731	160.2	28.58	9.95	1.77	158.1	36.97	6.368	70.27	68.41	47.06	46.59	0	0.026	26.44	3.231	-0.003	13.91
9/1/2012 8:00	27219	4.988	156.1	14.64	9.95	1.494	152.9	17.34	6.368	69.51	67.99	58.36	57.35	0	13.48	26.44	3.231	0	11.05
9/1/2012 9:00	27220	4.316	180.3	20.1	6.368	1.706	185.7	22.42	6.368	72.4	72.45	60.81	57.85	0	111.1	26.46	3.231	0	14.61
9/1/2012 10:00	27221	8.62	196.4	11.72	13.52	6.09	199.8	16.02	11.74	77.89	79.19	59.67	55.21	0	386.9	26.5	3.227	-0.004	11.7
9/1/2012 11:00	27222	9.76	196.9	20.02	15.31	6.832	197.9	21.6	11.74	82	83.8	53.2	48.74	0	589.9	26.54	3.23	0.003	12.78
9/1/2012 12:00	27223	8.94	177.7	20.96	15.31	6.198	182.8	25.25	13.52	86.3	88.6	44.2	40.38	0	767.2	26.57	3.22	-0.01	14.18
9/1/2012 13:00	27224	8.92	167.7	33.61	17.1	6.131	172.9	39.22	15.31	90.3	92.7	30.11	27.71	0	816	26.58	3.204	-0.016	15.39
9/1/2012 14:00	27225	9.3	145.1	24.71	20.68	6.119	148.9	34.06	13.52	91.6	93.9	23.1	21.46	0	716.7	26.56	3.191	-0.013	17.08
9/1/2012 15:00	27226	11.06	167	26.13	22.47	7.332	170.6	31.14	18.89	92.2	94.6	22.65	20.87	0	617.1	26.55	3.172	-0.019	11.25
9/1/2012 16:00	27227	10.21	160.6	25.2	20.68	6.604	163.4	31.12	18.89	92.1	94.4	24.57	22.62	0	671.6	26.52	3.147	-0.025	16.85
9/1/2012 17:00	27228	9.23	144	42.09	22.47	6.043	146.3	45.67	15.31	93.2	94.9	23.42	21.99	0	478.7	26.51	3.134	-0.013	11.14
9/1/2012 18:00	27229	11.3	163.1	18.5	20.68	7.123	168	24.43	13.52	92.3	93.6	24.03	22.77	0	368.6	26.48	3.119	-0.016	12.51
9/1/2012 19:00	27230	14.61	128.7	12.82	22.47	8.83	132.7	22.54	17.1	92.3	94	25.6	23.91	0	379.5	26.48	3.09	-0.029	11.17
9/1/2012 20:00	27231	11.8	128	8.9	18.89	6.927	130.9	19.05	15.31	89.8	90.2	28.4	27.35	0	83.8	26.47	3.078	-0.012	11.26
9/1/2012 21:00	27232	7.556	126	5.956	11.74	3.58	121.2	16.7	8.16	85.3	84.1	32.9	33.16	0	3.611	26.46	3.071	-0.006	16.87
9/1/2012 22:00	27233	7.79	124.5	9.6	11.74	3.347	116	17.64	8.16	82.5	80.3	35.99	37.09	0	0.025	26.45	3.059	-0.013	11.28
9/1/2012 23:00	27234	7.254	122.8	6.399	9.95	3.249	116.1	16.97	6.368	80.4	78.7	41.4	41.72	0	0.036	26.45	3.046	-0.012	11.27
9/2/2012 0:00	27235	7.245	138.5	11.58	11.74	3.126	136.2	18.23	8.16	79.25	77.53	43.35	43.75	0	0.034	26.44	3.047	0	16.91
9/2/2012 1:00	27236	6.779	161.2	7.809	15.31	2.525	161.8	14.61	6.368	77.22	75.41	46.42	46.8	0	0.031	26.44	3.044	-0.003	11.35
9/2/2012 2:00	27237	7.862	174.1	9.95	11.74	4.128	178	17.62	8.16	76.53	75.43	49.17	48.47	0	0.029	26.43	3.041	-0.003	15.67
9/2/2012 3:00	27238	5.618	196.5	17.06	11.74	2.402	197.2	18.17	8.16	75.52	74.39	50.73	50.02	0	0.03	26.43	3.031	-0.01	12.24
9/2/2012 4:00	27239	3.518	178.3	10.72	6.368	0.047	166.2	1.984	2.789	73.48	71.37	54.78	55.27	0	0.026	26.42	3.019	-0.013	11.43
9/2/2012 5:00	27240	5.881	160.8	6.923	8.16	1.172	145.7	9.99	4.578	72.74	69.71	58.04	59.37	0	0.017	26.4	3.012	-0.006	11.42
9/2/2012 6:00	27241	5.493	159.6	16.05	8.16	1.278	148.2	11.29	4.578	71.5	69.38	62.86	62.93	0	0.019	26.39	3.012	0	14.8
9/2/2012 7:00	27242	6.387	148.1	10.68	9.95	2.118	143.7	15.75	6.368	70.09	68.13	67.56	67.17	0	0.02	26.4	3.009	-0.003	11.47
9/2/2012 8:00	27243	5.785	137.4	14.28	8.16	1.987	128.6	21.26	4.578	69.52	68.29	71.64	70	0	14.01	26.41	3.009	0	13.37
9/2/2012 9:00	27244	6.687	157.2	11.46	13.52	3.923	160	19.1	9.95	72.33	73.79	69.97	64.89	0	167.4	26.43	3.009	0	11.35
9/2/2012 10:00	27245	12.02	169.4	13.38	20.68	7.535	173.7	20.08	15.31	77.28	78.98	63.88	58.79	0	381.7	26.47	3.005	-0.004	11.44
9/2/2012 11:00	27246	11.64	179.2	15.54	18.89	7.66	181.5	21.28	13.52	81.6	83.8	56.23	51.27	0	582.2	26.51	3.008	0.003	14.47
9/2/2012 12:00	27247	9.44	176.4	19.14	17.1	6.508	179.4	24.03	13.52	85.5	87.9	48.78	44.4	0	758.1	26.53	2.998	-0.01	15.92
9/2/2012 13:00	27248	10.53	156.9	23.16	20.68	7.021	159.1	29.09	15.31	88.9	91.8	39.41	35.68	0	881	26.53	2.992	-0.007	11.54
9/2/2012 14:00	27249	10.24	171.4	23.89	20.68	6.994	175.6	28.21	17.1	91.2	94.2	33.87	30.53	0	939	26.51	2.979	-0.013	11.25
9/2/2012 15:00	27250	10.63	162.9	28.33	22.47	7.019	166.3	32.4	18.89	93.1	96.2	29.68	26.64	0	907	26.5	2.938	-0.041	16.95
9/2/2012 16:00	27251	10.05	173	32.06	20.68	6.877	175.7	38.65	17.1	94	96.8	27.62	24.98	0	806	26.48	2.916	-0.022	16.9
9/2/2012 17:00	27252	9.31	176.6	31.42	27.84	6.516	180.7	36.2	22.47	95.8	98.3	24.09	22.01	0	807	26.46	2.878	-0.038	12.52
9/2/2012 18:00	27253	8.5	180.4	32.55	17.1	6.039	186.1	35.9	13.52	95.8	97.9	21.76	20.15	0	594	26.45	2.859	-0.019	16.77
9/2/2012 19:00	27254	8.44	170.6	26.97	15.31	5.569	173	29.58	11.74	94.9	96.3	22.82	21.55	0	350.6	26.44	2.83	-0.028	16.97
9/2/2012 20:00	27255	8.27	165.2	18.99	15.31	5.037	168	23.39	11.74	92.5	92.6	26.09	25.33	0	78.83	26.42	2.802	-0.028	11.13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/2/2012 21:00	27256	7.958	133.9	9.78	13.52	4.279	135.7	19.79	11.74	87.7	87.1	34.42	-7999	0	2.954	-7999	2.796	-0.006	11.36
9/2/2012 22:00	27257	7.722	122.5	6.669	9.95	3.77	120.1	17.48	6.368	83.2	82	39.86	39.62	0	0.022	26.4	2.786	-0.009	11.18
9/2/2012 23:00	27258	9.3	139.4	9.31	13.52	4.951	140.6	17.8	9.95	81.8	80.9	42.31	41.57	0	0.035	26.4	2.783	-0.003	11.19
9/3/2012 0:00	27259	9.28	148.9	9.89	13.52	5.032	150.7	17.41	9.95	80.8	80.1	46.21	45.06	0	0.041	26.4	2.78	-0.003	13.19
9/3/2012 1:00	27260	10.83	165.4	8.94	22.47	6.1	168.4	17	13.52	80.3	79.77	52.17	50.38	0	0.038	26.41	2.771	-0.009	13.92
9/3/2012 2:00	27261	7.751	171.2	9.6	11.74	4.112	173.7	16.92	8.16	78.11	77.43	56.88	55.09	0	0.044	26.4	2.755	-0.016	16.75
9/3/2012 3:00	27262	7.352	154.5	9.63	11.74	3.788	155	16.97	8.16	76.77	75.95	60.58	58.8	0	0.03	26.4	2.752	-0.003	15.97
9/3/2012 4:00	27263	6.99	144.6	9.2	9.95	3.213	143.2	17.24	6.368	75.26	74.15	63.86	62.44	0	0.028	26.38	2.752	0	16.84
9/3/2012 5:00	27264	6.566	138.1	10.77	9.95	3.003	136.9	19.12	6.368	73.87	72.83	66.51	64.95	0	0.029	26.37	2.749	-0.003	16.85
9/3/2012 6:00	27265	5.297	107.2	10.36	8.16	2.171	87.9	16.25	4.578	72.26	71.06	69.7	68.24	0	0.025	26.36	2.749	0	11.01
9/3/2012 7:00	27266	5.817	91.2	11.88	8.16	2.868	75.95	17.8	4.578	71.47	70.43	71.3	69.59	0	0.024	26.36	2.752	0.003	15.63
9/3/2012 8:00	27267	6.8	81.8	9.7	9.95	3.584	73.4	18.76	6.368	69.89	69.37	73.65	70.93	0	13.51	26.37	2.749	-0.003	11.37
9/3/2012 9:00	27268	6.515	117.3	19.84	9.95	4.081	117.2	28.92	8.16	73.22	74.58	68.22	63.55	0	161.3	26.39	2.746	-0.003	15.88
9/3/2012 10:00	27269	7.908	155.2	15.56	11.74	5.164	157.7	22.67	9.95	78.8	80.7	59.89	55.18	0	373.4	26.42	2.742	-0.004	16.75
9/3/2012 11:00	27270	7.747	173.8	19.3	13.52	5.392	178.4	24.98	11.74	84.1	86	51.52	47.52	0	575.1	26.46	2.738	-0.003	11.36
9/3/2012 12:00	27271	6.912	201.3	27.76	11.74	5.177	204.1	31.26	11.74	89.5	91.1	41.26	38.29	0	754.9	26.48	2.729	-0.01	11.27
9/3/2012 13:00	27272	5.76	208.6	48.5	11.74	4.242	215.7	53.94	9.95	93.7	95.3	34.14	31.64	0	876	26.49	2.722	-0.006	11.92
9/3/2012 14:00	27273	6.139	217.8	52.98	15.31	4.552	226.4	53.78	11.74	97	98.7	27.3	25.31	0	949	26.48	2.722	0	11.96
9/3/2012 15:00	27274	7.432	223.8	51.83	18.89	5.361	224.1	52.07	17.1	97.6	99.6	23.62	21.71	0	861	26.47	2.675	-0.048	14.34
9/3/2012 16:00	27275	6.9	198	60.22	17.1	4.872	203.5	58.78	11.74	99.4	101.4	21.01	19.48	0	848	26.44	2.659	-0.016	11.16
9/3/2012 17:00	27276	5.274	228.5	69.28	13.52	3.549	232.7	66.24	9.95	97.9	99.2	20.19	19.18	0	324.4	26.42	2.621	-0.038	11.07
9/3/2012 18:00	27277	5.403	142.8	43.51	11.74	3.756	145.1	48.54	9.95	99.4	100.8	19.05	18.29	0	482.4	26.4	2.592	-0.028	16.87
9/3/2012 19:00	27278	5.904	106.1	49.77	15.31	3.996	105.3	55.93	9.95	99	99.8	19.45	-7999	0	323.7	-7999	2.577	-0.016	11.01
9/3/2012 20:00	27279	7.892	117.6	11.41	13.52	4.729	118.6	22.81	9.95	96.3	96.3	21.23	21.18	0	81.4	26.38	2.567	-0.009	10.86
9/3/2012 21:00	27280	6.868	105.3	16.22	9.95	3.05	102.3	23.74	6.368	91	89.3	-7999	27.75	0	1.754	26.37	2.552	-0.016	11
9/3/2012 22:00	27281	10.61	145.5	21.82	20.68	5.909	149.2	28.61	13.52	89.6	88.6	-7999	33.4	0	0.029	-7999	2.536	-0.016	16.8
9/3/2012 23:00	27282	7.677	165.8	12.18	11.74	3.905	165.8	19.45	6.368	-7999	84.3	41.12	40.65	0	0.043	26.39	2.526	-0.009	15.66
9/4/2012 0:00	27283	8.49	137.6	17.4	13.52	4.517	135.1	26.43	9.95	83.4	-7999	44.64	43.91	0	0.031	26.39	2.52	-0.006	10.99
9/4/2012 1:00	27284	9.55	157.3	9.84	20.68	5.202	158.5	16.86	9.95	82.4	81.7	46.45	45.42	0	0.04	26.38	2.517	-0.003	11.08
9/4/2012 2:00	27285	10.32	170.1	8.4	15.31	5.848	173.1	16.69	11.74	81.7	81	47.61	46.47	0	0.038	26.39	2.511	-0.006	16.18
9/4/2012 3:00	27286	9.48	169	8.32	17.1	5.285	172.3	16.77	13.52	80.2	79.57	50.32	49	0	0.044	26.38	2.501	-0.009	16.92
9/4/2012 4:00	27287	8.91	159	8.4	13.52	4.639	160.4	16.81	9.95	78	77.24	54.07	52.64	0	0.034	26.36	2.498	-0.003	11.28
9/4/2012 5:00	27288	8.35	159.8	8.51	13.52	4.397	161.8	17.09	8.16	76.98	76.17	54.63	53.3	0	0.028	26.35	2.495	-0.003	16.8
9/4/2012 6:00	27289	6.409	163.3	9.71	11.74	2.721	166.6	15.15	8.16	75.36	74.3	56.52	55.47	0	0.026	26.34	2.492	-0.003	16.73
9/4/2012 7:00	27290	3.529	184.1	18.5	6.368	0.184	208.7	8.02	2.789	72.93	71.2	60.41	60.25	0	0.019	26.33	2.492	0	14.44
9/4/2012 8:00	27291	2.818	208.3	26.48	4.578	0.278	268.4	13.44	4.578	71.92	70.33	62.28	61.78	0	11.76	26.33	2.492	0	16.09
9/4/2012 9:00	27292	4.751	183.3	9.77	15.31	2.378	188.2	11.6	11.74	75.02	76.19	58.37	54.65	0	160.7	26.35	2.479	-0.013	11.2
9/4/2012 10:00	27293	10.29	182.4	11.77	17.1	6.678	186.3	17.54	11.74	81.5	82.8	47.88	44.87	0	374.8	26.39	2.472	-0.007	14.01
9/4/2012 11:00	27294	8.18	198.2	17.1	13.52	5.827	201.8	20.55	9.95	85.9	87.4	40.29	37.5	0	574.7	26.43	2.469	-0.003	12.7
9/4/2012 12:00	27295	7.049	201.2	24.36	13.52	5.313	205.6	28.88	11.74	90.1	91.4	34.33	32.11	0	749.9	26.46	2.469	0	16.31
9/4/2012 13:00	27296	5.673	195.6	55.59	11.74	4.355	203.7	56.71	9.95	95	96.4	27.59	26	0	870	26.46	2.462	-0.006	15.18
9/4/2012 14:00	27297	5.283	218	78.37	11.74	4.13	219.9	76.1	9.95	98.1	99.5	23.77	22.95	0	925	26.45	2.437	-0.025	11.13
9/4/2012 15:00	27298	7.005	160.5	63.87	15.31	5.15	169.3	66.13	11.74	99.6	101.9	21.11	19.79	0	918	26.43	2.415	-0.022	16.95
9/4/2012 16:00	27299	7.797	174.7	42.54	18.89	5.527	177.7	45.16	11.74	100.7	103.1	-7999	17.98	0	855	26.41	2.405	-0.01	10.95
9/4/2012 17:00	27300	10.11	166.4	45.98	18.89	7.018	171.4	49.96	15.31	100.8	-7999	18.17	16.78	0	743.6	26.39	2.377	-0.029	10.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/4/2012 18:00	27301	7.189	209.5	52.74	17.1	5.452	212.8	53.99	13.52	-7999	-7999	-7999	-7999	0	601.3	26.37	2.352	-0.025	16.99
9/4/2012 19:00	27302	9.15	167.1	27.16	18.89	5.931	171	30.54	13.52	-7999	-7999	-7999	-7999	0	296.5	-7999	2.301	-0.051	10.76
9/4/2012 20:00	27303	7.228	172.1	10.71	13.52	3.79	172.9	17.44	9.95	95.9	95.4	-7999	-7999	0	29.49	26.34	2.282	-0.019	12.28
9/4/2012 21:00	27304	5.199	165.1	5.793	6.368	1.014	142.3	8.99	4.578	92.8	89.8	23.57	-7999	0	1.199	-7999	2.282	0	11.72
9/4/2012 22:00	27305	5.292	231.2	57.92	13.52	2.921	249.6	55.56	11.74	-7999	89.5	-7999	-7999	0	0.029	26.34	2.257	-0.025	11.02
9/4/2012 23:00	27306	5.339	242.4	90.4	11.74	3.657	260.4	85.8	9.95	91.1	-7999	26.97	-7999	0	0.047	-7999	2.254	-0.003	15.98
9/5/2012 0:00	27307	5.686	183.8	16.4	13.52	2.487	181.4	20.99	8.16	89.3	88	33.76	33.62	0	0.044	-7999	2.25	-0.003	15.18
9/5/2012 1:00	27308	6.97	177.4	11.72	18.89	3.84	181.6	18.71	15.31	86.2	-7999	40.26	39.67	0	0.034	26.36	2.241	-0.009	16.84
9/5/2012 2:00	27309	14.03	172.4	8.71	22.47	8.14	175.9	16.91	17.1	84.3	83.9	45.13	43.72	0	0.039	26.35	2.235	-0.006	16.86
9/5/2012 3:00	27310	12.66	165.7	8.29	20.68	7.131	167.4	16.68	15.31	82.8	82.4	48.08	46.56	0	0.044	26.35	2.228	-0.006	16.84
9/5/2012 4:00	27311	12.96	169.2	8.69	18.89	7.315	171.2	17.78	15.31	81.2	80.9	50.39	48.68	0	0.038	26.34	2.232	0.003	15.8
9/5/2012 5:00	27312	11.64	173.1	8.23	17.1	6.739	175.9	17.09	13.52	79.73	79.32	52.49	50.68	0	0.04	26.33	2.222	-0.009	11.79
9/5/2012 6:00	27313	10.38	170.4	8.37	15.31	5.787	174.3	17.1	9.95	77.84	77.31	54.41	52.68	0	0.031	26.32	2.219	-0.003	11.21
9/5/2012 7:00	27314	7.382	179.8	9.08	15.31	4.02	184.3	16.02	9.95	76.37	75.73	55.3	53.74	0	0.023	26.31	2.21	-0.009	16.62
9/5/2012 8:00	27315	5.775	207.9	12.7	9.95	3.202	212.5	14.27	6.368	75.17	74.25	55.73	54.69	0	9.02	26.31	2.197	-0.013	14.91
9/5/2012 9:00	27316	5.382	232.4	15.45	11.74	3.546	238.6	21	9.95	75.5	75.62	56.45	54.14	0	130.9	26.32	2.197	0	16.48
9/5/2012 10:00	27317	10.82	201	10.71	17.1	7.325	202.1	15.19	13.52	81.3	82.4	47.54	44.57	0	333.5	26.35	2.193	-0.004	16.56
9/5/2012 11:00	27318	9.15	205.7	12.82	13.52	6.614	208.3	15.99	11.74	86.3	87.8	41.22	38.31	0	569.6	26.39	2.19	-0.003	11.15
9/5/2012 12:00	27319	5.722	226.2	36.9	11.74	4.341	226.9	36.54	9.95	90.9	91.8	34.02	32.17	0	531.2	26.42	2.19	0	13.53
9/5/2012 13:00	27320	4.191	198.1	55.14	9.95	3.111	205.3	52.75	8.16	97.8	98.6	26.71	25.61	0	875	26.42	2.187	-0.003	15.53
9/5/2012 14:00	27321	5.648	214.8	46.77	13.52	4.265	215.7	49.55	11.74	99.8	101.4	22.3	-7999	0	750.3	26.42	2.171	-0.016	10.98
9/5/2012 15:00	27322	7.152	227.1	59.46	18.89	5.486	226.5	59.77	15.31	101.5	102.8	-7999	-7999	0	973	-7999	2.152	-0.019	11
9/5/2012 16:00	27323	7.629	139.4	41.45	18.89	5.333	141.8	49.69	13.52	100.6	-7999	-7999	-7999	0	568.8	-7999	2.127	-0.025	10.9
9/5/2012 17:00	27324	6.677	104.5	43.8	52.89	4.147	105.7	47.56	22.47	-7999	99.2	21.15	20.42	0	176.7	-7999	2.098	-0.028	11.06
9/5/2012 18:00	27325	14.35	355.1	34.08	42.15	10.24	351.6	35.01	36.78	-7999	-7999	29.33	28.66	0	70.08	26.33	2.082	-0.016	13.42
9/5/2012 19:00	27326	13.03	177.6	44.46	26.05	7.887	182.5	46.39	20.68	-7999	-7999	-7999	29.69	0	64.29	-7999	2.073	-0.009	10.92
9/5/2012 20:00	27327	12.69	149.5	23.53	27.84	7.334	152.7	30.69	20.68	89.2	89.1	-7999	27.89	0	57.48	-7999	2.048	-0.025	11.12
9/5/2012 21:00	27328	14.51	93	31.65	33.21	8.41	89.2	38.12	20.68	-7999	84.4	40.27	-7999	0	7.854	-7999	2.038	-0.009	16.96
9/5/2012 22:00	27329	9.31	89.6	96.6	22.47	5.467	71.29	93.3	15.31	77.25	76.43	-7999	59.7	0.06	0.014	26.34	2.039	0	11.16
9/5/2012 23:00	27330	12.9	208.6	18.82	24.26	7.682	208.5	20.47	17.1	-7999	71.5	74.88	75.95	0.15	0.006	26.35	2.105	0.067	13.08
9/6/2012 0:00	27331	15.93	205.5	11.88	24.26	9.96	206.5	15	18.89	67.91	70.3	77.69	77.54	0.14	0.033	26.37	2.181	0.076	14.48
9/6/2012 1:00	27332	18.57	177.2	10.57	27.84	10.77	180.4	17.35	20.68	66.89	70.66	77.89	76.65	0.01	0.056	26.38	2.191	0.01	11.27
9/6/2012 2:00	27333	18.96	187.4	18.86	36.78	11.38	187.9	22.99	26.05	64.82	70.19	70.88	70.72	0.04	0.027	26.37	2.197	0.006	16.33
9/6/2012 3:00	27334	18.95	132.3	11.54	29.63	10.78	134.5	19.76	20.68	58.5	67.93	79.4	78.33	0.01	0.033	26.37	2.213	0.016	16.19
9/6/2012 4:00	27335	18.75	141.5	15.5	29.63	10.4	145.3	21.64	22.47	58.57	69.35	73.36	71.55	0	0.027	26.36	2.213	0	16.87
9/6/2012 5:00	27336	14.07	189	29.45	27.84	8.08	190.4	29.57	18.89	57.81	70.47	67.35	65.98	0	0.024	26.36	2.22	0.006	15.34
9/6/2012 6:00	27337	9.3	246.6	28.31	17.1	5.006	246.5	34.07	13.52	56.5	71.15	66.4	64.92	0	0.032	26.34	2.22	0	13.13
9/6/2012 7:00	27338	5.204	134.1	71.75	11.74	2.528	115	65.92	8.16	57.37	70.78	64.99	66.88	0	0.029	26.34	2.213	-0.006	15.16
9/6/2012 8:00	27339	5.742	38.6	30.33	13.52	3.398	30.1	31.13	9.95	60.97	70.55	66.56	66.1	0	14.06	26.38	2.213	0	10.96
9/6/2012 9:00	27340	4.734	34.74	25.3	9.95	2.867	30.07	26.49	8.16	62.67	73.08	71.28	65.98	0	177	26.4	2.213	0	16.14
9/6/2012 10:00	27341	3.596	71.21	22.1	6.368	2.298	63.47	25.77	6.368	72.5	78.14	61.92	58.05	0	375.1	26.44	2.216	0.003	11.3
9/6/2012 11:00	27342	4.607	62.94	23.91	8.16	2.935	58.45	31.19	6.368	80	82	52.9	50.01	0	567.2	26.48	2.212	-0.003	11.33
9/6/2012 12:00	27343	3.804	116	70.49	8.16	2.748	121.8	72.76	6.368	84.5	86.2	45.45	43.81	0	740.6	26.51	2.219	0.006	11.59
9/6/2012 13:00	27344	7.056	180.2	27.64	13.52	5.045	185.2	31.84	9.95	85.9	88.1	43.43	41.47	0	858	26.51	2.215	-0.003	16.21
9/6/2012 14:00	27345	6.538	157.7	33.66	13.52	4.647	161.2	39.97	11.74	88	90.1	-7999	39.6	0	914	26.5	2.212	-0.003	11.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/6/2012 15:00	27346	8.41	146.5	24.81	17.1	5.611	150.5	30.94	13.52	89.1	91.7	40.66	38.08	0	905	26.49	2.215	0.003	14.92
9/6/2012 16:00	27347	10.39	148.7	21.52	18.89	6.832	153.6	27.8	15.31	89.8	-7999	39.83	37.19	0	831	26.47	2.193	-0.022	11.14
9/6/2012 17:00	27348	11.76	151.1	18.46	22.47	7.428	155.3	26.09	15.31	90.6	-7999	37.08	34.56	0	715	26.44	2.177	-0.016	11.11
9/6/2012 18:00	27349	11.13	147.6	20.92	18.89	7.067	151.6	27.8	15.31	91.2	-7999	35.7	33.73	0	509.9	-7999	2.152	-0.025	12.19
9/6/2012 19:00	27350	10.43	150.7	13.51	17.1	6.311	155.5	20.81	11.74	91.4	92.4	33.83	32.72	0	306.5	26.4	2.149	-0.003	11.08
9/6/2012 20:00	27351	8	158.5	11.31	15.31	4.436	162.2	18.54	9.95	89.9	89.6	34.76	35.19	0	93.4	-7999	2.133	-0.016	16.86
9/6/2012 21:00	27352	5.016	151.8	8.75	8.16	1.454	134.6	23.75	4.578	85.4	-7999	43.91	50.76	0	1.222	26.37	2.13	-0.003	13.97
9/6/2012 22:00	27353	3.498	151.7	15.13	6.368	0.768	102.5	10.79	2.789	83.1	-7999	48.96	55.84	0	0.025	26.36	2.127	-0.003	11.15
9/6/2012 23:00	27354	3.557	111.5	15.74	8.16	1.455	81.6	11.19	4.578	81.5	78.77	51.53	58.01	0	0.031	26.36	2.121	-0.006	11.16
9/7/2012 0:00	27355	6.943	148.2	14.18	9.95	2.38	145.3	24.04	6.368	79.89	76.65	55.62	61.98	0	0.033	26.37	2.118	-0.003	11.21
9/7/2012 1:00	27356	6.938	166.3	9.11	15.31	2.68	164.1	14.99	6.368	77.03	74.87	63.33	65.98	0	0.025	26.37	2.118	0	15.23
9/7/2012 2:00	27357	7.199	170.9	8.22	11.74	3.147	172.2	14.93	6.368	75.19	73.38	61.19	63.23	0	0.025	26.37	2.118	0	15.02
9/7/2012 3:00	27358	4.211	166.8	11.54	6.368	0.594	129.3	14.89	2.789	73.94	71.26	58.19	62.56	0	0.025	26.36	2.115	-0.003	14
9/7/2012 4:00	27359	5.519	174	9.44	8.16	1.474	168.8	12.26	4.578	73.66	70.74	53.76	59.61	0	0.024	26.34	2.105	-0.01	16.74
9/7/2012 5:00	27360	5.721	185.2	9.4	9.95	1.859	183	15.07	4.578	71.5	69.28	56.55	60.51	0	0.02	26.32	2.105	0	11.41
9/7/2012 6:00	27361	4.854	173.4	11.35	8.16	1.003	143.8	6.783	4.578	70.6	67.79	56.23	61.78	0	0.007	26.31	2.102	-0.003	11.31
9/7/2012 7:00	27362	6.12	170.6	16.24	9.95	2.412	174.6	22.7	4.578	69.56	67.5	58.85	61.72	0	0.008	26.31	2.102	0	11.43
9/7/2012 8:00	27363	4.99	197.1	15.96	8.16	1.28	197	19.54	4.578	69.33	67.28	59.88	63.16	0	11.58	26.32	2.105	0.003	13
9/7/2012 9:00	27364	3.629	207.4	20.01	6.368	1.61	213.5	15.17	6.368	72.2	73.28	57.72	55.31	0	160.4	26.34	2.099	-0.006	16.68
9/7/2012 10:00	27365	7.023	200.7	18.22	11.74	5.032	203.5	18.38	9.95	78.61	79.57	47.2	45.3	0	373.7	26.39	2.102	0.003	15.71
9/7/2012 11:00	27366	6.656	205.3	20.65	11.74	4.879	206.3	21.63	9.95	83.4	84.6	41.86	39.81	0	575.4	26.43	2.098	-0.003	16.13
9/7/2012 12:00	27367	5.954	206.2	17.45	9.95	4.479	206.7	21.17	8.16	88	89.2	38.51	36.54	0	750	26.45	2.095	-0.003	11.3
9/7/2012 13:00	27368	6.463	194.3	23.92	13.52	4.883	198.1	27.11	11.74	93.2	94.7	31.55	30.04	0	869	26.45	2.088	-0.006	16.5
9/7/2012 14:00	27369	8.2	192	24.76	15.31	5.817	196.7	28.38	13.52	95.3	-7999	29.42	27.62	0	926	26.45	2.069	-0.019	16.94
9/7/2012 15:00	27370	8.84	165.8	22.91	18.89	6.033	169.5	30.03	15.31	96.4	98.9	26.77	-7999	0	920	26.43	2.044	-0.025	16.26
9/7/2012 16:00	27371	9.27	172.8	27.57	20.68	6.404	176.4	32.47	15.31	97.3	-7999	-7999	21.85	0	851	-7999	2.025	-0.019	16.92
9/7/2012 17:00	27372	10.06	177	23.66	18.89	6.865	182	28.13	13.52	97.4	99.4	21.19	-7999	0	716.9	-7999	2	-0.025	10.96
9/7/2012 18:00	27373	9.85	168.3	20.12	20.68	6.434	172.2	25.22	15.31	-7999	-7999	20.53	19.72	0	553	26.38	1.962	-0.038	16.15
9/7/2012 19:00	27374	14.27	65.4	47.79	63.62	7.981	58.5	51.87	29.63	91.2	-7999	-7999	29.81	0	200.8	26.4	1.921	-0.041	16.86
9/7/2012 20:00	27375	13.57	45.3	12	22.47	7.394	39.7	17.01	17.1	-7999	85.8	-7999	-7999	0	34.46	-7999	1.908	-0.013	11.83
9/7/2012 21:00	27376	14.32	39.37	11.7	26.05	8.08	33.94	14.77	20.68	-7999	83.1	-7999	-7999	0	0.589	26.38	1.899	-0.009	11.1
9/7/2012 22:00	27377	19.91	42.07	9.54	33.21	10.62	36.44	13.54	22.47	79.79	-7999	50.67	48.51	0	0.034	26.41	1.896	-0.003	15.83
9/7/2012 23:00	27378	23.79	32.77	13.03	38.57	14.55	27.87	15.8	33.21	76.41	76.5	48.95	46.79	0	0.026	26.45	1.877	-0.019	15.7
9/8/2012 0:00	27379	24.03	27.22	11.26	40.36	15.3	22.86	14.27	33.21	71.36	71.57	51.71	49.09	0	0.019	26.48	1.874	-0.003	12.65
9/8/2012 1:00	27380	26.34	43.1	11.13	54.68	14.12	37.17	14.67	31.42	69.05	69.11	52.27	49.82	0	0.013	26.48	1.864	-0.01	11.16
9/8/2012 2:00	27381	27.16	46.52	9.2	42.15	14.2	38.12	14.81	29.63	68.06	68.08	50.42	48.14	0	0.014	26.49	1.855	-0.01	16.69
9/8/2012 3:00	27382	21.92	42.73	9.56	38.57	11.72	35.85	13.61	26.05	66.79	66.81	51.38	49.02	0	0.012	26.51	1.845	-0.01	11.37
9/8/2012 4:00	27383	18.24	33.96	11.76	31.42	10.45	29.4	14.1	20.68	65.76	65.87	53.6	50.89	0	0.007	26.53	1.839	-0.006	13.43
9/8/2012 5:00	27384	17.79	38.84	11.9	31.42	9.86	33.31	14.26	22.47	64.67	64.81	55.45	52.57	0	0.011	26.53	1.842	0.003	14.99
9/8/2012 6:00	27385	19.42	51.34	10.91	33.21	10.5	43.14	17.28	24.26	63.82	63.91	53.91	51.23	0	0.015	26.54	1.833	-0.009	12.16
9/8/2012 7:00	27386	16.59	52.85	12.31	27.84	9.31	46.26	18.9	18.89	62.84	62.95	52.55	49.98	0	0.016	26.57	1.823	-0.01	11.36
9/8/2012 8:00	27387	12.07	58.72	10.61	18.89	7.035	53.78	19.21	13.52	62.57	62.66	52.97	50.38	0	3.961	26.61	1.817	-0.006	11.45
9/8/2012 9:00	27388	13.6	48.82	12	24.26	7.432	41.82	17.78	17.1	62.67	62.86	54.48	51.66	0	36.41	26.62	1.814	-0.003	11.37
9/8/2012 10:00	27389	13.11	53.06	12.21	22.47	7.377	46.78	18.91	15.31	62.97	63.39	55.74	52.58	0	121.3	26.63	1.817	0.003	15.24
9/8/2012 11:00	27390	13.34	38.1	17.36	26.05	8.23	30.88	19.65	18.89	65.13	66.11	53.85	49.92	0	442.7	26.65	1.807	-0.01	11.42

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/8/2012 12:00	27391	15	48.54	14.43	26.05	8.65	42.64	19.13	20.68	66.07	67.05	48.42	45.13	0	344.3	26.67	1.804	-0.003	11.45
9/8/2012 13:00	27392	13.27	46.61	15.68	22.47	7.837	40.05	20.12	18.89	67.07	68.08	46.11	43.04	0	368.7	26.67	1.807	0.003	13.94
9/8/2012 14:00	27393	12.66	48.72	18.67	22.47	7.611	42.16	22.87	17.1	68.22	69.5	42.99	39.93	0	467.7	26.66	1.798	-0.01	14.25
9/8/2012 15:00	27394	12.4	43.39	20.53	20.68	7.903	37.12	24.34	17.1	70	71.77	41.26	37.76	0	786.9	26.66	1.794	-0.004	11.32
9/8/2012 16:00	27395	12.67	37.8	18.97	24.26	8.07	31.29	22.9	20.68	72.25	74.17	38.39	34.93	0	912	26.67	1.788	-0.006	11.13
9/8/2012 17:00	27396	12.85	29.25	16.03	22.47	8.41	23.38	17.81	18.89	70.78	72.12	36.71	33.8	0	510.5	26.65	1.778	-0.01	16.88
9/8/2012 18:00	27397	11.81	29.54	15.3	20.68	7.634	24.1	17.64	17.1	68.76	69.65	40.52	37.74	0	246.6	26.62	1.778	0	15.41
9/8/2012 19:00	27398	10.66	22.09	13.74	17.1	7.266	17.48	16.4	15.31	67.83	68.51	44.82	42	0	128	26.6	1.772	-0.006	13.19
9/8/2012 20:00	27399	10.59	14.13	11.44	15.31	7.588	10.35	14.09	13.52	66.75	67.26	47.71	44.9	0	25.96	26.58	1.769	-0.003	11.18
9/8/2012 21:00	27400	10.16	2.582	8.96	15.31	7.245	357.7	12.6	11.74	64.95	65.45	50.32	47.39	0	0.301	26.57	1.766	-0.003	11.48
9/8/2012 22:00	27401	7.471	353.8	9.07	11.74	5.562	347	12.39	9.95	63.95	64.23	49.32	46.87	0	0.014	26.57	1.763	-0.003	11.49
9/8/2012 23:00	27402	7.827	344.5	10.53	13.52	5.968	339.8	12.85	13.52	63.36	63.68	53.38	50.48	0	0.011	26.58	1.76	-0.003	16.53
9/9/2012 0:00	27403	5.244	340.8	11.53	9.95	3.865	336.3	14.1	8.16	62.52	62.73	54.66	51.94	0	0.006	26.57	1.76	0	11.41
9/9/2012 1:00	27404	3.812	319.9	10.54	8.16	2.688	316.1	12.41	6.368	62.22	62.38	57.51	54.67	0	0.003	26.56	1.757	-0.003	11.52
9/9/2012 2:00	27405	5.056	319.5	8.33	8.16	3.664	316.6	10.56	6.368	62.32	62.43	58.91	56.15	0	0.004	26.55	1.76	0.003	11.75
9/9/2012 3:00	27406	4.864	323.8	10.7	8.16	3.575	320.2	12.41	6.368	62.33	62.45	59.65	56.8	0	0.008	26.56	1.763	0.003	15.28
9/9/2012 4:00	27407	7.243	346.9	10.8	11.74	5.219	342.9	13.25	9.95	62.09	62.26	62.15	58.85	0	0.011	26.55	1.757	-0.006	16.62
9/9/2012 5:00	27408	7.189	350.7	8.25	9.95	5.047	346	11.41	8.16	61.46	61.65	66.43	62.73	0	0.007	26.54	1.757	0	11.54
9/9/2012 6:00	27409	5.183	346.9	13.07	9.95	3.676	339.9	15.73	6.368	61.6	61.78	68.1	64.38	0	0.005	26.54	1.753	-0.003	14.38
9/9/2012 7:00	27410	7.203	3.658	11.61	11.74	5.076	359.2	15.58	9.95	61.81	62	70.09	66.09	0	0.007	26.55	1.753	0	11.36
9/9/2012 8:00	27411	7.556	18.2	9.27	11.74	5.391	17.14	10.99	9.95	61.82	61.96	70.27	66.4	0	4.511	26.56	1.753	0	11.59
9/9/2012 9:00	27412	8.1	17.45	9.34	13.52	5.928	15.07	10.87	11.74	62.95	63.14	66.47	62.76	0	76.8	26.57	1.753	0	11.55
9/9/2012 10:00	27413	6.84	34.25	13.05	9.95	4.249	28.45	16.4	8.16	66.24	66.67	56.09	52.94	0	206.7	26.59	1.753	0	11.52
9/9/2012 11:00	27414	5.909	37.49	19.64	9.95	3.765	31.46	22.89	8.16	69.75	70.65	47.7	44.82	0	435.6	26.63	1.753	0	11.5
9/9/2012 12:00	27415	5.933	17.76	23.69	9.95	4.299	11.82	28.23	9.95	71.82	72.77	41.64	38.91	0	424	26.66	1.75	-0.003	16.87
9/9/2012 13:00	27416	6.49	27.63	35.75	11.74	4.557	21.1	39.04	9.95	73.59	74.61	39.32	36.74	0	579.1	26.66	1.75	0	16.9
9/9/2012 14:00	27417	8.67	17.01	21.62	17.1	6.141	12.03	26.68	15.31	75.06	76.51	38.68	35.43	0	727	26.65	1.75	0	11.35
9/9/2012 15:00	27418	9.36	15.68	19.31	17.1	6.785	12.04	22.25	13.52	74.73	76.1	38.44	35.32	0	779.8	26.64	1.746	-0.003	11.32
9/9/2012 16:00	27419	7.69	33.07	28.82	15.31	5.312	26.03	32.19	11.74	77.14	78.32	33.87	31.55	0	615.2	26.62	1.743	-0.003	16.13
9/9/2012 17:00	27420	6.494	47.21	42.12	15.31	4.38	41.95	45.29	11.74	79.39	80.9	30.83	28.74	0	618.9	26.61	1.74	-0.003	16.87
9/9/2012 18:00	27421	6.264	50.82	37.96	13.52	4.237	40.35	40.53	11.74	80.3	81.4	29.59	27.92	0	495.2	26.59	1.743	0.003	15.45
9/9/2012 19:00	27422	6.409	70.2	36.19	13.52	4.128	59.87	41.77	11.74	79.76	80.7	29.81	28.43	0	271.1	26.58	1.737	-0.006	11.32
9/9/2012 20:00	27423	7.731	62.09	11.7	15.31	4.564	57.67	20.5	11.74	77.23	77.27	29.96	29.26	0	45.02	26.55	1.737	0	16.16
9/9/2012 21:00	27424	6.53	66.46	8.96	9.95	3.695	62.33	16.96	8.16	74.98	74.55	33.41	32.88	0	0.964	26.53	1.731	-0.006	11.46
9/9/2012 22:00	27425	7.162	66.22	7.554	9.95	4.178	63.51	17.87	8.16	72.87	72.52	34.9	34.23	0	0.031	26.53	1.738	0.007	12.17
9/9/2012 23:00	27426	6.887	67.06	7.116	9.95	4.009	62.98	16.93	8.16	70.42	70.07	36.2	35.56	0	0.024	26.53	1.731	-0.006	11.36
9/10/2012 0:00	27427	7.104	68.51	8.66	9.95	3.651	63.83	18.08	6.368	69.49	68.74	37.5	37.17	0	0.019	26.52	1.731	0	14.01
9/10/2012 1:00	27428	5.726	74.29	6.687	11.74	2.771	67.42	15.51	4.578	68.25	66.8	40.15	40.8	0	0.013	26.51	1.728	-0.003	11.2
9/10/2012 2:00	27429	5.423	67.02	11.65	8.16	2.243	59.27	15.78	4.578	67.29	65.7	42.14	43.08	0	0.004	26.5	1.731	0.003	11.43
9/10/2012 3:00	27430	6.562	76.41	8.12	9.95	3.015	69.8	17.34	6.368	65.57	63.87	44.33	45.29	0	0.005	26.48	1.728	-0.003	14.75
9/10/2012 4:00	27431	6.591	72.44	10.01	9.95	3.158	65.46	16.77	6.368	63.88	62.52	47.16	47.5	0	0.006	26.47	1.728	0	16.45
9/10/2012 5:00	27432	6.703	97.9	12.01	9.95	3.225	84.5	18.15	6.368	63.38	61.65	47.97	48.9	0	0.004	26.46	1.728	0	16.94
9/10/2012 6:00	27433	6.912	93.5	6.417	9.95	3.353	83	14.3	6.368	62.78	60.76	47.73	49.54	0	0.004	26.46	1.728	0	12.15
9/10/2012 7:00	27434	7.435	85.6	9.03	11.74	3.656	77.23	18.66	6.368	61.4	60.02	49.19	49.74	0	0.002	26.45	1.728	0	16.68
9/10/2012 8:00	27435	7.076	108.6	14.03	11.74	3.743	99.5	26.08	8.16	61.84	60.75	47.11	47.39	0	16.07	26.45	1.728	0	11.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/10/2012 9:00	27436	9	142.3	10.83	13.52	5.19	146.9	19.09	9.95	66.89	67.66	36.99	35.63	0	147.6	26.48	1.728	0	16.83
9/10/2012 10:00	27437	7.395	180.3	16.23	11.74	4.763	186.5	21.22	9.95	71.95	72.44	30.09	29.62	0	259.3	26.51	1.728	0	15.79
9/10/2012 11:00	27438	10.68	186.3	13.76	17.1	7.227	190.4	19.55	13.52	77.79	79.66	20.83	20.05	0	599.1	26.56	1.727	-0.001	11.29
9/10/2012 12:00	27439	11.08	187.1	15.77	18.89	7.638	191.7	19.78	15.31	80.5	82.6	18.76	17.79	0	747.4	26.59	1.727	0	11.38
9/10/2012 13:00	27440	11.3	188.9	16.88	18.89	7.769	192.8	20.36	17.1	82.7	85.2	17.86	16.74	0	866	26.6	1.73	0.003	14.69
9/10/2012 14:00	27441	11.35	168.6	16.25	20.68	7.495	174	23.29	15.31	84.2	87.2	18.5	17.06	0	921	26.58	1.724	-0.006	11
9/10/2012 15:00	27442	10.15	174.8	28.79	18.89	6.898	179.5	31.02	15.31	85.9	88.7	18.75	17.31	0	910	26.56	1.721	-0.003	16.88
9/10/2012 16:00	27443	10.33	180.5	25.28	18.89	6.965	182.1	29.33	15.31	87	89.6	18.78	17.39	0	831	26.54	1.721	0	11.33
9/10/2012 17:00	27444	10.11	179.1	25.91	22.47	6.721	182.7	29.95	15.31	87.6	89.9	18.64	17.38	0	694.2	26.51	1.718	-0.003	15.73
9/10/2012 18:00	27445	10.05	182.7	22.65	18.89	6.849	186.3	25.62	15.31	87.7	89.4	18.83	17.79	0	512.2	26.49	1.718	0	11.18
9/10/2012 19:00	27446	9.96	169.7	17.35	17.1	6.18	175.1	22.57	11.74	87.1	88.2	19.91	19.25	0	300	26.47	1.715	-0.003	11.26
9/10/2012 20:00	27447	8.05	162	11.42	15.31	4.428	166.5	18.37	11.74	85	84.6	22.15	22.45	0	86.1	26.45	1.715	0	16.76
9/10/2012 21:00	27448	6.366	142.5	7.168	8.16	1.697	129.6	15.26	4.578	80	76.53	27.66	30.78	0	0.88	26.42	1.712	-0.003	11.25
9/10/2012 22:00	27449	7.071	130.3	4.494	9.95	2.16	114.1	13.31	4.578	77.15	72.76	33.29	37.3	0	0.013	26.41	1.715	0.004	11.17
9/10/2012 23:00	27450	8.22	133.6	8.21	13.52	3.571	132	18.02	8.16	74.89	72.4	34.9	36.82	0	0.008	26.4	1.712	-0.003	11.31
9/11/2012 0:00	27451	10.01	152.8	8.22	15.31	5.069	156.5	16.82	9.95	74.05	72.98	33.65	33.73	0	0.017	26.41	1.712	0	11.38
9/11/2012 1:00	27452	8.52	158.1	7.476	17.1	4.045	160.9	15.56	6.368	70.36	69.06	38.1	38.37	0	0.014	26.41	1.712	0	15.17
9/11/2012 2:00	27453	9.11	162.4	7.854	13.52	4.419	165.9	16.52	9.95	70.76	69.33	34.49	35.04	0	0.011	26.4	1.715	0.003	12.69
9/11/2012 3:00	27454	8.12	166.1	7.976	13.52	3.992	171.3	16.35	8.16	70.6	69.27	32.84	33.27	0	0.016	26.39	1.712	-0.003	11.45
9/11/2012 4:00	27455	6.535	166.1	7.719	9.95	2.429	170.9	13.45	4.578	67.98	65.79	35.84	37.45	0	0.009	26.38	1.712	0	11.45
9/11/2012 5:00	27456	4.557	177.3	13.92	8.16	0.51	167.5	11.46	4.578	65.53	63.11	39.4	41.28	0	0.002	26.35	1.712	0	11.47
9/11/2012 6:00	27457	4.734	166.9	15.05	8.16	0.568	158.8	16.62	2.789	64.22	61.44	42.15	44.51	0	0.004	26.34	1.709	-0.003	15.5
9/11/2012 7:00	27458	3.827	180.1	16.94	6.368	0.329	207.2	7.191	2.789	62.38	60.16	47.16	48.57	0	0.003	26.34	1.713	0.003	11.41
9/11/2012 8:00	27459	3.919	173.8	18.72	6.368	0.384	192.9	10.41	2.789	61.62	59.51	49.22	50.78	0	9.47	26.34	1.71	-0.003	11.58
9/11/2012 9:00	27460	4.965	191.4	23.57	17.1	2.536	194.4	20.35	9.95	66.04	66.8	44.11	42.25	0	156.8	26.36	1.709	0	16.56
9/11/2012 10:00	27461	13.41	180.6	10.26	20.68	8.35	185.9	16.86	17.1	73.16	74.29	36.03	34.18	0	366.4	26.41	1.715	0.006	14.25
9/11/2012 11:00	27462	12.81	187.1	12.32	18.89	8.43	191.9	17.31	15.31	78.14	79.84	31.04	29.07	0	557.3	26.45	1.708	-0.007	12.64
9/11/2012 12:00	27463	12.15	192.1	11.74	18.89	8.2	195.6	16.56	15.31	81.1	83	29.51	27.45	0	642	26.48	1.715	0.006	15.24
9/11/2012 13:00	27464	11.06	198.1	13.02	17.1	7.833	201.3	17.47	15.31	86.3	88.7	27.75	25.33	0	873	26.49	1.708	-0.007	14.22
9/11/2012 14:00	27465	10.11	198.6	18.65	18.89	7.164	200.2	20.72	13.52	89.8	92.1	25.51	23.36	0	915	26.48	1.708	0	16.16
9/11/2012 15:00	27466	10.59	204.7	20.81	20.68	7.45	206	22.44	17.1	91.8	94.1	22.85	20.91	0	903	26.47	1.708	0	11.38
9/11/2012 16:00	27467	12.09	190.3	18.82	22.47	8.22	193.6	22.04	18.89	92.7	95.3	21.82	19.92	0	824	26.45	1.705	-0.003	16.28
9/11/2012 17:00	27468	12.35	196.3	17.86	22.47	8.37	198.2	20.08	17.1	92.6	94.7	20.28	18.82	0	614.8	26.43	1.705	0	11.23
9/11/2012 18:00	27469	12.55	191.9	14.17	22.47	8.13	195.4	18.76	17.1	91.9	93.5	19.92	18.88	0	367.5	26.41	1.702	-0.003	11.24
9/11/2012 19:00	27470	11.16	177.9	12.3	17.1	6.751	181.8	18.11	13.52	90.6	91.2	20.71	20.24	0	145.5	26.4	1.702	0	11.26
9/11/2012 20:00	27471	9.77	174.7	10.26	15.31	5.533	179.4	17.12	11.74	88.5	88.1	22.56	22.54	0	44.41	26.38	1.702	0	16.21
9/11/2012 21:00	27472	7.591	154.5	8.68	13.52	3.448	157.6	16.26	8.16	83.4	82.1	28.55	29.05	0	0.441	26.37	1.702	0	15.86
9/11/2012 22:00	27473	11.73	162.5	8.2	20.68	6.396	167.6	17.1	13.52	80.9	80.1	32.13	31.81	0	0.029	26.38	1.699	-0.003	11.31
9/11/2012 23:00	27474	12.19	162.7	9.39	20.68	6.665	167.3	17.36	15.31	79.35	78.64	33.67	33.2	0	0.033	26.39	1.702	0.003	11.17
9/12/2012 0:00	27475	10.17	200.4	15.96	17.1	6.198	202.5	17.78	13.52	77.42	76.86	35.55	34.8	0	0.027	26.41	1.699	-0.003	10.95
9/12/2012 1:00	27476	8.16	174.6	8.77	15.31	4.043	177.7	15.87	8.16	74.85	73.69	37.38	37.38	0	0.015	26.4	1.699	0	11.33
9/12/2012 2:00	27477	6.988	168	8.93	11.74	3.499	172.4	17.1	8.16	72.95	71.89	39.17	39.06	0	0.015	26.38	1.7	0	11.36
9/12/2012 3:00	27478	9.41	168.3	9.39	15.31	5.269	174.3	17.95	9.95	73.96	73.52	38.37	37.54	0	0.016	26.37	1.7	0	16.47
9/12/2012 4:00	27479	10.93	166.4	9.57	17.1	6.08	171.4	17.77	11.74	73.64	73.26	39.94	38.87	0	0.019	26.36	1.703	0.003	15.84
9/12/2012 5:00	27480	9.03	183.9	14.22	15.31	5.374	188.3	18.38	11.74	72.87	72.6	41.36	40.02	0	0.017	26.36	1.696	-0.006	16.36

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/12/2012 6:00	27481	6.328	186.3	10.3	11.74	3.198	189.4	14.39	8.16	71.56	70.99	43.39	42.57	0	0.019	26.36	1.696	0	16.23
9/12/2012 7:00	27482	4.496	196.4	13.72	6.368	1.01	204.9	12.85	4.578	69.82	68.46	45.83	46.45	0	0.01	26.36	1.696	0	16.44
9/12/2012 8:00	27483	3.545	199.2	12.63	6.368	0.267	217.5	3.302	2.789	69.01	67.34	47.02	48.48	0	6.678	26.36	1.696	0	11.07
9/12/2012 9:00	27484	3.866	203.7	14.23	6.368	1.51	206.3	11.04	6.368	70.01	69.52	46.73	46.91	0	72.24	26.37	1.7	0.003	11.46
9/12/2012 10:00	27485	6.865	200.9	10.13	11.74	4.739	203.6	14.94	9.95	73.18	73.68	41.46	39.84	0	183.7	26.39	1.699	0	11.39
9/12/2012 11:00	27486	6.294	217.4	17.4	9.95	4.614	214.3	18.03	8.16	77.76	78.68	37.85	35.64	0	373.6	26.42	1.699	-0.001	11.27
9/12/2012 12:00	27487	5.928	232.2	35.89	11.74	3.885	223.5	37.72	9.95	84.7	86.5	33.72	30.94	0	690.8	26.46	1.699	0	11.33
9/12/2012 13:00	27488	9.94	196.6	17.67	17.1	6.835	198.6	18.5	13.52	85.5	87	33.96	31.66	0	416.4	26.48	1.699	0	14.03
9/12/2012 14:00	27489	10.93	180.9	14.69	17.1	7.292	185.6	20.37	13.52	84.4	86.3	34.72	32.18	0	494	26.46	1.696	-0.003	15.62
9/12/2012 15:00	27490	11.88	170.1	12.33	18.89	7.176	175.1	19.64	15.31	84.5	86.2	35.69	33.28	0	323.2	26.44	1.696	0	11.33
9/12/2012 16:00	27491	13.68	166.4	12.97	20.68	8.17	171.8	20.19	15.31	82.7	83.9	38.23	36	0	276.9	26.42	1.699	0.003	11.8
9/12/2012 17:00	27492	13.27	150.4	13.38	20.68	7.99	155.4	21.46	15.31	85.7	88.1	33.83	31.01	0	608.6	26.4	1.696	-0.003	11.32
9/12/2012 18:00	27493	14.81	147.1	13.6	24.26	8.7	151.9	21.09	17.1	86.4	88.5	30.59	28.2	0	514	26.4	1.699	0.003	11.19
9/12/2012 19:00	27494	11.23	159.1	11.99	20.68	6.387	164.8	19.3	15.31	84.4	85	32.43	31.07	0	120	26.4	1.696	-0.003	16.65
9/12/2012 20:00	27495	9.58	156	12.76	15.31	5.41	161	19.44	13.52	84.2	84.2	33.38	32.42	0	80.7	26.39	1.696	0	16.29
9/12/2012 21:00	27496	7.701	126.3	18.76	11.74	3.965	128.2	28.24	8.16	80.2	79.49	39.75	39.04	0	0.363	26.39	1.696	0	11.21
9/12/2012 22:00	27497	9.8	95	15.56	26.05	5.247	91.5	25.17	15.31	78.39	77.62	43.62	42.8	0	0.018	26.39	1.696	0	11.29
9/12/2012 23:00	27498	7.403	105.7	17.48	17.1	4.016	105.9	27.48	9.95	76.76	76.54	52.8	50.97	0	0.033	26.42	1.693	-0.003	11.33
9/13/2012 0:00	27499	6.539	254.6	38.37	15.31	3.164	248.2	40.87	9.95	74.19	74.05	61.2	58.92	0	0.023	26.44	1.693	0	11.35
9/13/2012 1:00	27500	12	158.9	17.47	22.47	6.714	162.9	22.5	13.52	69.05	69.21	68.72	64.93	0	0.035	26.45	1.693	0	11.22
9/13/2012 2:00	27501	5.322	314.1	82.1	11.74	2.696	349.9	67.98	8.16	67.3	67.2	76.38	74.47	0	0.01	26.45	1.7	0.006	15.3
9/13/2012 3:00	27502	13.6	5.776	13.46	29.63	9.67	1.55	15.74	22.47	65.88	65.98	81.2	77.62	0	0.007	26.45	1.693	-0.006	16.6
9/13/2012 4:00	27503	18.51	16.78	14.36	29.63	12.52	11.98	15.61	24.26	60.27	60.46	87.4	83	0	0.003	26.42	1.696	0.003	16.28
9/13/2012 5:00	27504	17.23	27.91	10.37	27.84	10.97	22.82	12.64	24.26	58.54	58.75	86.4	81.8	0	0.002	26.41	1.693	-0.003	12.1
9/13/2012 6:00	27505	15.79	19.69	13.35	27.84	10.66	14.98	15.39	24.26	57.72	57.97	85.4	80.4	0	0.006	26.43	1.697	0.003	15.84
9/13/2012 7:00	27506	14.54	7.109	13.05	24.26	10.29	2.977	14.78	24.26	57.33	57.65	86.9	82.3	0.02	0.002	26.46	1.7	0.003	15.34
9/13/2012 8:00	27507	19.99	20.21	8.74	31.42	14.4	14.57	11.06	24.26	56.58	56.63	88.3	84.7	0.03	0.973	26.46	1.697	-0.003	15.57
9/13/2012 9:00	27508	12.27	18.35	13	24.26	8.56	13.72	14.7	18.89	56.02	57.23	88.4	84.8	0	16.83	26.49	1.694	-0.003	11.57
9/13/2012 10:00	27509	15.59	21.79	11.24	24.26	10.58	16.11	13.61	22.47	56.25	57.86	87.6	83.8	0	69.04	26.52	1.694	0	11.53
9/13/2012 11:00	27510	17.26	25.86	10.26	27.84	11.42	20.37	13.16	22.47	56.71	58.37	85.7	81.4	0	112	26.54	1.693	0	12.53
9/13/2012 12:00	27511	17.84	27.48	11.8	29.63	11.52	22.56	14.07	24.26	54.59	58.67	83.7	79.08	0	177.1	26.56	1.693	0	16.33
9/13/2012 13:00	27512	18.44	27.5	11.61	29.63	12	22.28	13.98	24.26	53.19	59.17	80.2	75.55	0	231.1	26.57	1.696	0.003	12.66
9/13/2012 14:00	27513	18.35	27.14	12.69	29.63	11.84	21.99	14.94	24.26	54.59	59.98	78.79	73.65	0	276.1	26.57	1.693	-0.003	16.03
9/13/2012 15:00	27514	18.54	31.64	12.17	27.84	11.55	25.85	14.42	26.05	56.59	59.97	77.65	72.76	0	151.1	26.57	1.696	0.003	11.91
9/13/2012 16:00	27515	17.02	36.68	11.5	27.84	9.71	31.13	14.08	24.26	56.99	59.63	77.64	72.89	0	104.4	26.56	1.693	-0.003	11.6
9/13/2012 17:00	27516	16.55	36.13	11.68	26.05	9.37	31.54	13.82	20.68	56.89	59.6	77.64	72.89	0	107	26.56	1.696	0.003	15.31
9/13/2012 18:00	27517	15.51	34.46	11.94	26.05	9.24	30.22	14.42	20.68	56.09	59.33	79.29	74.56	0	69.79	26.56	1.696	0	15.56
9/13/2012 19:00	27518	16.22	32.06	12.32	27.84	9.85	27.26	14.32	22.47	55.25	58.7	80.9	76.03	0	40.7	26.57	1.696	0	15.63
9/13/2012 20:00	27519	15.59	28.64	11.04	29.63	10.03	23.97	13.43	24.26	53.95	57.79	82.1	77.36	0	9.91	26.57	1.693	-0.003	11.65
9/13/2012 21:00	27520	15.43	20	9.07	26.05	11.23	14.29	11.2	22.47	55.24	58.9	75.15	70.88	0	0.137	26.59	1.693	0	12.2
9/13/2012 22:00	27521	14.51	30.84	12.24	24.26	8.92	26.29	14.73	18.89	55.44	58.74	75.02	70.88	0	0.005	26.6	1.693	0	11.58
9/13/2012 23:00	27522	11.81	38.98	11.31	20.68	6.667	33.07	13.99	13.52	55.57	58.85	73.81	69.84	0	0.002	26.62	1.693	0	16.03
9/14/2012 0:00	27523	14.19	35.35	11.2	24.26	8.21	30.59	14.23	18.89	55.32	58.52	75.8	71.48	0	0.004	26.63	1.693	0	11.61
9/14/2012 1:00	27524	13.02	43.26	11.78	42.15	7.13	36.55	15.62	22.47	53.51	56.8	82.3	77.49	0	0.002	26.64	1.693	0	11.62
9/14/2012 2:00	27525	10.85	38.8	11.34	18.89	6.1	32.47	14.17	15.31	52.74	56.56	81.5	76.93	0	0.004	26.63	1.694	0	12.44

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/14/2012 3:00	27526	11.55	25.04	10.34	18.89	7.771	19.64	12.97	15.31	52.15	56.44	81.1	76.38	0	0.002	26.62	1.694	0	16.3
9/14/2012 4:00	27527	11.58	23.08	11.92	20.68	7.907	18.07	13.82	18.89	51.95	56.35	79.84	75.17	0	0.002	26.61	1.694	0	11.34
9/14/2012 5:00	27528	12.42	17.66	10.25	20.68	9.06	13.27	12.24	17.1	51.86	56.3	78.32	73.72	0	0.001	26.6	1.694	0	11.67
9/14/2012 6:00	27529	8.7	19.67	10.24	17.1	6.222	15.06	12.83	15.31	51.51	56.03	78.87	74.25	0	0.001	26.6	1.694	0	15.76
9/14/2012 7:00	27530	7.367	354.4	12.03	13.52	5.141	350.6	14.74	9.95	51.55	56.02	79.61	74.92	0	0.001	26.61	1.694	0	11.65
9/14/2012 8:00	27531	9.56	357.4	9.13	15.31	6.818	352.9	12.6	13.52	51.26	55.73	79.63	74.88	0	2.711	26.61	1.691	-0.003	16.63
9/14/2012 9:00	27532	12.92	1.318	9.22	20.68	9.08	357.4	12.64	17.1	51.62	56.01	76.41	71.69	0	67.18	26.62	1.694	0.003	16.47
9/14/2012 10:00	27533	14.66	5.759	9.23	22.47	10.35	2.415	12.36	17.1	53.23	56.67	72.45	67.43	0	160.6	26.63	1.693	0	15.23
9/14/2012 11:00	27534	15.15	15.46	11.55	24.26	10.62	12.06	13.93	22.47	56.28	57.21	72.55	67.3	0	238.4	26.65	1.693	0	11.72
9/14/2012 12:00	27535	15.58	21.18	11.47	24.26	10.66	17.58	14.4	20.68	56.6	57.83	72.17	66.54	0	409	26.67	1.693	0	12.91
9/14/2012 13:00	27536	14.77	25.22	15.05	24.26	9.73	21.58	17.6	18.89	59.88	61.54	65.72	59.96	0	695.4	26.68	1.693	0	11.61
9/14/2012 14:00	27537	12.68	21.9	17.4	20.68	8.5	17.04	20.01	18.89	63.86	65.59	59.52	53.71	0	857	26.7	1.693	0	16.35
9/14/2012 15:00	27538	10.75	23.67	17.73	20.68	7.268	19.95	20.31	17.1	66.37	67.81	55.86	50.7	0	747.4	26.69	1.693	0	11.59
9/14/2012 16:00	27539	10.21	7.792	19.99	18.89	7.488	3.348	22.32	15.31	68.83	70.18	50.92	46.16	0	770.3	26.68	1.693	0	11.75
9/14/2012 17:00	27540	10.1	12.3	26.83	18.89	7.282	7.052	28.84	17.1	69.84	71.17	45.64	41.75	0	614.9	26.66	1.693	0	11.6
9/14/2012 18:00	27541	9.47	18.69	26.97	17.1	6.558	14.41	28.16	13.52	70.18	71.25	44.65	41.23	0	420	26.65	1.693	0	11.57
9/14/2012 19:00	27542	9.21	23.98	19.03	17.1	6.278	19.06	20.24	17.1	69.92	70.44	43.21	40.65	0	248.9	26.63	1.696	0.003	11.5
9/14/2012 20:00	27543	9.23	21.92	11.99	15.31	6.354	17.98	14.8	13.52	68.44	68.49	39.39	37.65	0	70.64	26.62	1.693	-0.003	12.74
9/14/2012 21:00	27544	9.76	72.67	8.35	15.31	5.798	67.46	18.27	11.74	63.28	63.11	62.64	59.16	0	0.339	26.6	1.693	0	16.33
9/14/2012 22:00	27545	8.29	70.65	9.17	13.52	4.803	66.06	18.06	8.16	59.77	59.47	73.44	69.81	0	0.007	26.6	1.693	0	11.5
9/14/2012 23:00	27546	7.936	70.97	7.389	11.74	4.399	65.81	17.69	8.16	57.31	57.02	79.55	75.57	0	0.006	26.59	1.69	-0.003	15.8
9/15/2012 0:00	27547	6.819	68.87	8.08	9.95	3.604	66.25	17.81	6.368	55.43	54.98	83.3	79.35	0	0.003	26.58	1.691	0	11.57
9/15/2012 1:00	27548	5.146	64.27	8.8	13.52	2.16	63.57	13.68	9.95	54.47	53.78	85.8	82	0	0.001	26.58	1.691	0	16.68
9/15/2012 2:00	27549	1.613	53.4	10.75	6.368	0.26	52.38	14.43	2.789	53.58	51.73	87.6	83.4	0	0	26.57	1.691	0	15.23
9/15/2012 3:00	27550	1.778	96.5	28.22	4.578	0.055	89.6	4.254	2.789	53.06	50.81	89.8	85.5	0	0	26.56	1.691	0	16.66
9/15/2012 4:00	27551	3.01	103.9	36.4	6.368	1.103	88.9	30.51	6.368	53.38	53.65	92.2	88.9	0	0	26.56	1.691	0	16.24
9/15/2012 5:00	27552	2.557	335.6	52.49	4.578	1.088	324.1	38.77	4.578	53.14	53.5	93.1	90.9	0	0	26.55	1.697	0.006	11.72
9/15/2012 6:00	27553	2.821	278.3	27.44	6.368	1.6	271.5	22.52	4.578	53.39	53.76	93.5	94.9	0	0	26.55	1.691	-0.006	11.7
9/15/2012 7:00	27554	2.436	333.7	29.51	4.578	0.599	338.8	7.796	4.578	53.67	54.1	93.6	97.1	0	0.002	26.54	1.691	0	11.7
9/15/2012 8:00	27555	5.144	295.3	28.61	8.16	3.515	294.7	26.7	6.368	53.72	54.02	92.4	92.9	0	2.02	26.55	1.691	0	15.61
9/15/2012 9:00	27556	6.444	316.1	11.03	11.74	4.889	314.8	12.14	9.95	55.55	55.87	85.5	83.6	0	31.06	26.56	1.697	0.006	15.63
9/15/2012 10:00	27557	6.056	320.3	10.95	9.95	4.842	318.6	12.2	9.95	57.79	58.34	76.21	72.18	0	97.6	26.57	1.7	0.003	15.43
9/15/2012 11:00	27558	5.279	306.1	14.93	9.95	4.323	305	16.88	8.16	59.55	60.16	63.31	59.86	0	119.9	26.58	1.69	-0.01	16.57
9/15/2012 12:00	27559	3.806	224.4	42.53	9.95	2.779	225.6	38.26	8.16	61.09	61.61	61.37	57.84	0	130	26.59	1.693	0.003	11.67
9/15/2012 13:00	27560	7.287	200.8	16.52	13.52	5.262	202.8	19.91	9.95	60.76	61.82	75.25	69.46	0	214.4	26.59	1.693	0	11.69
9/15/2012 14:00	27561	5.087	224.1	51.57	9.95	3.854	230.8	47.81	9.95	64.37	65.24	58.97	55.04	0	344.9	26.6	1.69	-0.003	16.97
9/15/2012 15:00	27562	5.4	319.1	28.35	11.74	4.388	316.3	32.7	9.95	66.64	67.33	40.49	38.1	0	381.3	26.6	1.69	0	16.98
9/15/2012 16:00	27563	4.405	328.9	43.33	9.95	3.439	324.6	37.26	8.16	69.16	69.55	37.76	35.72	0	430.1	26.59	1.689	0	13.47
9/15/2012 17:00	27564	3.999	13.11	68.05	13.52	3.005	7.431	61.22	11.74	71.7	71.94	35.97	34.38	0	495.3	26.58	1.689	0	16.82
9/15/2012 18:00	27565	5.788	212	46.25	13.52	4.272	214.6	43.89	13.52	70.2	71.22	54.16	49.8	0	420.9	26.57	1.693	0.003	11.52
9/15/2012 19:00	27566	9.73	194.8	19.44	17.1	6.762	197.5	23	13.52	69.22	70.41	57.76	52.98	0	342.8	26.55	1.693	0	11.49
9/15/2012 20:00	27567	9.43	196.1	10.72	15.31	6.085	198.3	15.85	13.52	65.83	66.15	64.93	60.82	0	61.45	26.53	1.693	0	15.53
9/15/2012 21:00	27568	7.582	201	10.13	11.74	4.826	201.9	14.17	8.16	62.84	62.62	72.07	68.27	0	0.325	26.5	1.69	-0.003	16.72
9/15/2012 22:00	27569	6.942	181	9.65	11.74	3.641	182.8	15.96	9.95	60.12	59.69	79.78	75.75	0	0.01	26.49	1.69	0	11.55
9/15/2012 23:00	27570	6.514	193	11.55	9.95	3.241	194.8	15.96	6.368	57.59	57.03	85.4	81.4	0	0.007	26.48	1.69	0	11.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/16/2012 0:00	27571	6.289	205.7	9.47	9.95	3.504	207.4	12.85	8.16	56.42	56.22	87.3	83	0	0.006	26.47	1.691	0	11.78
9/16/2012 1:00	27572	5.965	195.3	12.02	11.74	3.183	196.4	16.02	6.368	55.34	55.25	90.2	86.1	0	0.007	26.45	1.691	0	11.42
9/16/2012 2:00	27573	5.079	203	12.2	9.95	2.004	200.7	12.08	6.368	54.7	54.47	91.2	88.3	0	0.003	26.44	1.691	0	14.74
9/16/2012 3:00	27574	4.561	225.9	11.31	6.368	2.654	230.9	13.15	6.368	53.85	53.89	91.8	89.6	0	0.003	26.42	1.7	0.01	15.28
9/16/2012 4:00	27575	3.605	224.7	12.22	6.368	0.481	244.1	7.297	4.578	53.14	52.68	93	91.3	0	0.001	26.41	1.697	-0.003	15.22
9/16/2012 5:00	27576	2.852	218.5	12.72	4.578	0	0	0	0	52.71	51.34	93.3	92.3	0	0.001	26.39	1.691	-0.006	11.73
9/16/2012 6:00	27577	2.094	210.8	21.17	4.578	0	0	0	0	51.31	49.88	93.4	95.1	0	0	26.37	1.687	-0.003	15.76
9/16/2012 7:00	27578	2.586	251.9	17.23	4.578	0	0	0	0	50	49.75	93.4	99.8	0	0	26.36	1.687	0	16.56
9/16/2012 8:00	27579	2.581	292.7	18.02	4.578	0.656	310.4	3.807	2.789	49.11	49.16	93.5	99.9	0	5.21	26.37	1.691	0.003	16.24
9/16/2012 9:00	27580	0.96	293.5	4.979	6.368	1.674	286.8	13.95	6.368	51.15	51.51	93.8	99.9	0	115.6	26.38	1.691	0	11.75
9/16/2012 10:00	27581	2.607	245.3	28.46	6.368	2.188	246.9	27.01	6.368	52.87	56.62	94	99.9	0	322	26.41	1.69	0	13.56
9/16/2012 11:00	27582	4.653	216.3	22.02	9.95	3.5	220.2	23.21	8.16	59.73	65.23	80.3	82.5	0	578.1	26.47	1.69	-0.001	16.86
9/16/2012 12:00	27583	6.019	203.2	25.32	11.74	4.548	205.3	32.03	9.95	66.56	72.49	54.79	50.85	0	753.9	26.5	1.693	0.003	11.66
9/16/2012 13:00	27584	6.845	213.2	23.77	13.52	5.219	216.9	28.1	11.74	72.22	76.83	43.26	40.09	0	877	26.51	1.693	0	11.41
9/16/2012 14:00	27585	5.996	245.7	47.68	13.52	4.784	247.7	51.03	11.74	79.11	79.97	33.59	31.46	0	934	26.5	1.696	0.003	15.92
9/16/2012 15:00	27586	6.116	175.3	62.52	15.31	4.56	174.8	64.48	13.52	81.6	83.3	27.42	25.66	0	918	26.49	1.692	-0.003	11.72
9/16/2012 16:00	27587	5.75	352.1	71.52	13.52	4.397	348.8	73.51	9.95	83	83.7	24	22.89	0	835	26.46	1.692	0	11.38
9/16/2012 17:00	27588	9.83	151.3	30.47	22.47	6.546	154.1	35.76	17.1	82.2	84.3	27.24	25.11	0	688	26.44	1.692	0	11.39
9/16/2012 18:00	27589	10.58	147.5	17.97	18.89	6.707	150.9	26.35	13.52	80.8	83	30.01	27.53	0	501.5	26.42	1.689	-0.003	16.7
9/16/2012 19:00	27590	9.31	163.5	15.98	17.1	5.801	167.8	22.15	11.74	79.96	81.1	31	29.24	0	273.6	26.41	1.689	0	11.48
9/16/2012 20:00	27591	8.66	160.8	9.7	13.52	4.643	164.4	17.22	9.95	76.82	76.45	34.71	33.94	0	59.56	26.39	1.689	0	11.81
9/16/2012 21:00	27592	6.234	144.4	8.37	8.16	1.818	133.4	18.28	4.578	70.71	68.1	43.14	44.34	0	0.316	26.36	1.69	0.001	11.41
9/16/2012 22:00	27593	6.491	154.9	10.95	9.95	1.929	153.2	20.01	4.578	67.36	64.66	53.57	53.92	0	0.01	26.34	1.687	-0.003	16.73
9/16/2012 23:00	27594	4.772	139.9	12.25	6.368	1.094	100.3	13.41	2.789	64.3	61.67	62.39	62.65	0	0.008	26.33	1.687	0	11.52
9/17/2012 0:00	27595	4.556	131.3	12.07	8.16	1.07	96.3	12.4	4.578	63.75	60.67	64.87	66.21	0	0.006	26.32	1.687	0	11.53
9/17/2012 1:00	27596	3.053	152.6	14.43	6.368	0.226	90.4	3.598	2.789	62.6	59.13	65.63	67.59	0	0.002	26.3	1.691	0.003	11.5
9/17/2012 2:00	27597	2.861	183	26.42	4.578	0	0	0	0	61.52	57.87	68.68	70.05	0	0.003	26.29	1.687	-0.003	15.7
9/17/2012 3:00	27598	2.089	238.7	18.06	4.578	0.001	24.41	0.001	2.789	60.38	56.4	70.34	73.33	0	0.002	26.28	1.687	0	16.68
9/17/2012 4:00	27599	2.537	191.3	12.18	6.368	0.014	126.7	1.567	2.789	59.9	56.3	71.56	73.71	0	0.001	26.26	1.687	0	11.62
9/17/2012 5:00	27600	4.847	200.7	7.558	8.16	0.166	210.3	5.327	2.789	58.61	55.34	75.93	76.51	0	0.002	26.24	1.691	0.003	15.46
9/17/2012 6:00	27601	2.854	200.8	22.88	6.368	0.17	83.5	6.043	2.789	56.88	53.78	81.4	82.6	0	0.002	26.23	1.687	-0.003	12.58
9/17/2012 7:00	27602	3.018	199.5	16.67	4.578	0.298	105.8	5.566	2.789	55.68	52.72	85.5	88.4	0	0	26.22	1.694	0.006	15.64
9/17/2012 8:00	27603	1.875	199.6	12.76	4.578	0.229	84	4.354	2.789	54.8	52.09	89.1	92.8	0	7.013	26.23	1.687	-0.006	11.63
9/17/2012 9:00	27604	2.024	206.3	51.3	8.16	0.803	162.8	41.55	6.368	57.52	56.75	88.3	92.8	0	143.1	26.24	1.691	0.003	15.4
9/17/2012 10:00	27605	6.162	211.6	14.98	9.95	4.388	215	17.79	8.16	63.3	64.22	77.67	73.17	0	355.1	26.28	1.687	-0.004	16.31
9/17/2012 11:00	27606	6.153	215.1	15.08	9.95	4.757	216.7	19.17	8.16	71.27	72.08	57.56	53.83	0	574.6	26.34	1.686	-0.001	16.91
9/17/2012 12:00	27607	8.74	202.6	15.42	15.31	6.278	203.6	19.23	11.74	78.01	79.53	37.43	34.95	0	745	26.39	1.689	0.003	11.62
9/17/2012 13:00	27608	8.4	212	21.55	15.31	6.345	215.1	23.52	13.52	82.5	84	28.44	26.61	0	848	26.4	1.689	0	12.58
9/17/2012 14:00	27609	8.66	205.7	24.17	15.31	6.399	207.8	27.87	13.52	84.3	85.7	26.16	24.53	0	729.9	26.39	1.689	0	11.5
9/17/2012 15:00	27610	7.345	196	37.58	15.31	5.367	201.4	39.76	11.74	87.2	88.8	24.41	22.87	0	815	26.38	1.695	0.006	15.56
9/17/2012 16:00	27611	7.099	184	31.94	15.31	5.029	187.2	40.42	11.74	90.1	91.8	21.02	19.84	0	791.2	26.35	1.689	-0.006	11.4
9/17/2012 17:00	27612	8.92	204.8	70.27	22.47	6.692	212.3	69.53	17.1	91.8	93.2	15.64	15.09	0	700.4	26.33	1.692	0.003	13.04
9/17/2012 18:00	27613	11.17	333.7	21.82	24.26	8.67	331.5	22.5	20.68	92	92.6	6.506	6.844	0	493.8	26.33	1.692	0	13.76
9/17/2012 19:00	27614	10.04	331	15	20.68	7.918	328	16.01	18.89	90.8	91	7.398	7.921	0	285.3	26.32	1.686	-0.006	11.25
9/17/2012 20:00	27615	9.62	25.33	39.29	18.89	6.356	19.82	37.45	15.31	87.6	87.3	15.3	15.37	0	68.39	26.32	1.686	0	11.12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/17/2012 21:00	27616	7.223	140.6	24.74	17.1	3.07	139	32.98	9.95	79.57	77.23	31.4	32.62	0	0.325	26.31	1.686	0	11.25
9/17/2012 22:00	27617	6.285	94.2	35.68	15.31	2.879	67.43	22.73	11.74	75.37	73.17	35.48	36.47	0	0.021	26.31	1.687	0.001	16.79
9/17/2012 23:00	27618	12.55	45.89	14.87	20.68	6.887	40.42	17.29	15.31	73.16	72.78	39.57	38.39	0	0.028	26.34	1.687	0	11.31
9/18/2012 0:00	27619	16.16	39.73	10.44	24.26	8.82	34.52	13.72	18.89	72.13	71.94	39.48	38.1	0	0.033	26.37	1.687	0	11.3
9/18/2012 1:00	27620	16.62	24.58	10.17	27.84	10.63	21.01	13.33	22.47	68.85	68.78	43.29	41.49	0	0.019	26.39	1.684	-0.003	13.88
9/18/2012 2:00	27621	19.25	21.02	8.54	27.84	12.94	17.26	11.86	24.26	67.65	67.58	46.37	44.34	0	0.016	26.39	1.684	0	16.85
9/18/2012 3:00	27622	14.03	29.95	10.7	26.05	8.18	26.85	13.67	22.47	66.5	66.37	51.91	49.47	0	0.021	26.39	1.687	0.003	11.42
9/18/2012 4:00	27623	16.83	30.91	10.86	26.05	9.65	27.91	13.17	24.26	65.43	65.36	54.88	52.12	0	0.021	26.4	1.684	-0.003	11.44
9/18/2012 5:00	27624	15.14	53.85	15.45	26.05	8.65	48.56	20.22	17.1	64.32	64.11	59.09	56.41	0	0.008	26.39	1.684	0	16.52
9/18/2012 6:00	27625	16.86	31.54	10.83	29.63	9.51	28.75	13.47	22.47	62.47	62.45	66.41	62.76	0	0.008	26.41	1.687	0.003	11.43
9/18/2012 7:00	27626	18.67	40.47	10.14	29.63	10.14	35.47	12.83	22.47	60.55	60.53	69.66	65.84	0	0.008	26.43	1.687	0	11.5
9/18/2012 8:00	27627	12.93	51.46	9.77	24.26	7.017	45.11	16.67	17.1	58.68	58.59	74.3	70.26	0	4.753	26.45	1.687	0	16.03
9/18/2012 9:00	27628	10.71	45.13	12.97	18.89	5.909	40.35	16.98	13.52	59.13	59.49	74.96	70.16	0	125.3	26.47	1.684	-0.003	11.41
9/18/2012 10:00	27629	15.03	53.9	12.89	24.26	8.69	47.39	18.95	18.89	62.41	63.34	67.37	62.35	0	332.9	26.52	1.687	0.003	15.74
9/18/2012 11:00	27630	13.17	53.97	14.42	22.47	7.712	48.11	20.15	17.1	64.94	66.32	62.7	57.37	0	546.4	26.56	1.687	0	12.02
9/18/2012 12:00	27631	9.05	73.42	20.42	17.1	5.817	65.58	27.97	11.74	68.95	71.15	56.64	51.15	0	719.2	26.6	1.686	-0.001	11.54
9/18/2012 13:00	27632	7.185	62.18	30.51	13.52	4.903	56.59	39.03	11.74	72.77	74.74	51.6	46.99	0	784.9	26.62	1.689	0.003	12.73
9/18/2012 14:00	27633	5.185	60.56	86.7	17.1	3.928	52.81	87.9	13.52	77.2	78.41	45.34	42.15	0	808	26.62	1.689	0	15.49
9/18/2012 15:00	27634	4.028	238.3	87	9.95	2.999	242.4	78.44	9.95	82.3	83.3	39.07	36.32	0	897	26.62	1.686	-0.003	16.76
9/18/2012 16:00	27635	4.542	47.81	64.52	9.95	3.408	34.75	66.39	8.16	80.4	81.4	38.05	35.63	0	548.1	26.6	1.689	0.003	15.68
9/18/2012 17:00	27636	4.172	350.3	85.6	9.95	3.158	332.6	81.4	8.16	82.6	83.1	33.93	32.06	0	626.1	26.57	1.686	-0.003	15.84
9/18/2012 18:00	27637	3.9	102.9	86.4	8.16	2.876	124.4	86.3	8.16	82.8	83.4	33.7	32.03	0	516.9	26.55	1.692	0.006	13.53
9/18/2012 19:00	27638	5.432	222.7	56.02	18.89	3.961	229.9	50.57	17.1	81.5	81.9	35.06	33.16	0	275.1	26.54	1.686	-0.006	11.27
9/18/2012 20:00	27639	9.59	183.9	12.42	15.31	5.903	186.7	17.55	11.74	77.27	77.45	42.12	40.23	0	63.58	26.52	1.683	-0.003	15.49
9/18/2012 21:00	27640	6.937	165	9.91	11.74	3.08	163.8	16.48	8.16	72.25	71.08	49.28	48.44	0	0.233	26.5	1.684	0	11.31
9/18/2012 22:00	27641	6.213	165.4	7.834	8.16	1.963	161.6	13.26	4.578	69.16	66.95	53.58	53.95	0	0.014	26.49	1.687	0.003	11.31
9/18/2012 23:00	27642	4.905	138.5	11.81	8.16	1.041	110.8	14.52	2.789	66.6	64.33	58.1	58.14	0	0.012	26.48	1.687	0	11.32
9/19/2012 0:00	27643	5.188	155.1	28.55	8.16	1.405	129.5	26.73	4.578	65.32	62.67	62.6	63.06	0	0.011	26.47	1.684	-0.003	11.36
9/19/2012 1:00	27644	2.026	223.6	23.36	4.578	0.059	273.6	10.26	2.789	63.19	60.83	66.1	66.07	0	0.006	26.45	1.684	0	11.28
9/19/2012 2:00	27645	1.654	145.7	24.87	9.95	1.359	91.6	7.143	6.368	62.44	59.42	67.51	67.97	0	0.004	26.45	1.687	0.003	14.44
9/19/2012 3:00	27646	5.314	165.2	29.77	9.95	0.968	120.6	17.52	4.578	61.78	57.96	70.14	71.32	0	0.004	26.44	1.684	-0.003	11.1
9/19/2012 4:00	27647	5.399	190.2	6.866	8.16	0.635	181.3	7.702	2.789	60.78	57.78	71.91	72.92	0	0.005	26.43	1.681	-0.003	16.78
9/19/2012 5:00	27648	4.844	185.6	9.94	8.16	0.341	163.3	5.808	4.578	58.34	55.83	77.41	76.76	0	0.001	26.41	1.684	0.003	15.41
9/19/2012 6:00	27649	4.03	230.7	19.66	8.16	0.134	197.8	8.6	4.578	57.44	54.78	80.4	79.79	0	0.001	26.4	1.684	0	11.95
9/19/2012 7:00	27650	4.265	208.9	10.22	6.368	0.1	167.1	2.715	2.789	57.74	54.62	80.2	81.6	0	0.001	26.4	1.684	0	11.4
9/19/2012 8:00	27651	4.897	205.7	7.418	8.16	0.273	196.7	6.184	2.789	57.47	54.46	80.4	82	0	6.232	26.41	1.684	0	11.18
9/19/2012 9:00	27652	5.327	203.6	9.46	11.74	2.394	206.4	11.94	8.16	59.91	59.7	77.47	74.34	0	137.4	26.42	1.684	0	11.57
9/19/2012 10:00	27653	12.06	194.7	10.11	18.89	8.01	197.6	15.55	15.31	66.49	67.61	66.68	61.68	0	348.5	26.48	1.684	-0.001	12.13
9/19/2012 11:00	27654	12.99	201	10.46	18.89	8.94	203.1	15.33	15.31	71.14	72.7	59.74	54.65	0	559.6	26.53	1.686	0.003	11.43
9/19/2012 12:00	27655	13.58	197.5	13.34	24.26	9.25	199.6	17.22	17.1	76.7	78.69	49.64	45.21	0	731.3	26.55	1.686	0	13.71
9/19/2012 13:00	27656	13	197.9	16.34	22.47	8.84	199.8	20.01	17.1	80.9	83.2	39.64	36.04	0	850	26.56	1.686	0	16.38
9/19/2012 14:00	27657	11.95	190.7	17.5	20.68	8.13	192.3	22.59	15.31	83.9	86.5	32.68	29.55	0	905	26.56	1.686	0	11.48
9/19/2012 15:00	27658	11.33	197.7	21.04	20.68	8.06	200.5	24.7	17.1	85.9	88.1	27.88	25.44	0	891	26.55	1.686	0	11.47
9/19/2012 16:00	27659	11.06	195.8	19.67	24.26	7.635	198.6	22.86	18.89	87.5	89.8	24.52	22.38	0	808	26.53	1.686	0	16.12
9/19/2012 17:00	27660	11.32	195.3	21.07	18.89	7.793	197.7	24.28	15.31	87.8	89.7	22.39	20.65	0	666.6	26.51	1.686	0	15.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/19/2012 18:00	27661	12.28	180.3	16.49	20.68	7.919	183.2	22.8	15.31	87.4	89.2	21	19.63	0	478.2	26.5	1.683	-0.003	16.73
9/19/2012 19:00	27662	13.26	180.6	12.07	22.47	8.25	184.8	18.2	15.31	86.2	87.2	20.03	19.27	0	261.3	26.49	1.683	0	16.46
9/19/2012 20:00	27663	11.56	180.5	8.89	18.89	6.72	183.2	16.26	13.52	83	82.7	21.88	21.77	0	54.95	26.47	1.686	0.003	11.75
9/19/2012 21:00	27664	8.24	172.1	6.759	13.52	3.934	172.9	15.79	6.368	76.43	74.87	28.41	28.92	0	0.19	26.45	1.683	-0.003	16.51
9/19/2012 22:00	27665	8.44	163.9	7.3	11.74	3.766	163.8	15.9	8.16	71.91	70.05	35.16	35.65	0	0.015	26.43	1.684	0	11.36
9/19/2012 23:00	27666	8.69	168.3	7.171	15.31	4.031	171.7	16.18	9.95	70.62	68.6	38.23	38.87	0	0.014	26.43	1.687	0.003	15.68
9/20/2012 0:00	27667	12.49	170.8	8.36	18.89	6.987	173.7	17.16	15.31	71.85	70.9	41.79	41.09	0	0.015	26.42	1.684	-0.003	15.71
9/20/2012 1:00	27668	11.55	178.3	9.12	22.47	6.593	181.8	16.34	15.31	70.46	69.66	45.47	44.46	0	0.026	26.42	1.68	-0.003	11.02
9/20/2012 2:00	27669	10.07	186.3	8.91	15.31	5.773	190.2	15.27	9.95	69.12	68.21	48.45	47.42	0	0.018	26.41	1.684	0.003	11.39
9/20/2012 3:00	27670	9.32	196.1	8.61	15.31	5.544	199.2	14.3	11.74	67.72	66.9	52.22	50.8	0	0.017	26.41	1.68	-0.003	16.17
9/20/2012 4:00	27671	7.181	213	7.709	9.95	4.114	215.3	11.83	8.16	64.69	63.7	58.75	57.1	0	0.01	26.4	1.68	0	11.54
9/20/2012 5:00	27672	5.443	213.7	8.49	8.16	2.289	225.8	12.26	6.368	61.88	60.25	64.47	63.21	0	0.008	26.37	1.681	0	16.32
9/20/2012 6:00	27673	4.9	212.8	8.34	8.16	1.041	225.3	8.2	4.578	60.6	58.33	68.13	67.65	0	0.004	26.35	1.681	0	11.57
9/20/2012 7:00	27674	3.922	238.2	6.625	6.368	0.294	273.7	3.822	4.578	59.22	56.34	71.05	71.4	0	0.001	26.34	1.681	0	11.57
9/20/2012 8:00	27675	3.967	240.2	15.1	6.368	0.62	283.1	7.564	4.578	58.94	55.71	72.35	73.19	0	5.704	26.34	1.684	0.003	15.5
9/20/2012 9:00	27676	4.89	249.1	12.65	8.16	2.509	250.8	18.76	8.16	61.54	60.55	69.57	66.34	0	136.4	26.36	1.684	0	13.53
9/20/2012 10:00	27677	8.16	210.2	10.05	13.52	5.795	212.2	14.02	9.95	68.06	68.92	57.05	53.38	0	349.9	26.41	1.684	0	11.57
9/20/2012 11:00	27678	9.51	204.6	10.8	13.52	6.755	206.5	14.9	13.52	74.69	76.11	45.13	41.93	0	559.3	26.47	1.686	0.003	12.62
9/20/2012 12:00	27679	10.83	202.5	13.51	17.1	7.728	204.7	17.17	15.31	80.3	82.1	37.41	34.48	0	734.2	26.5	1.686	0	11.45
9/20/2012 13:00	27680	10.75	211.4	14.64	17.1	7.911	213.1	17.56	15.31	85.2	86.8	29.8	27.59	0	824	26.51	1.683	-0.003	11.47
9/20/2012 14:00	27681	10.44	214.8	17.11	18.89	7.745	215.4	19.23	15.31	89.4	91	22.5	21	0	866	26.5	1.686	0.003	11.4
9/20/2012 15:00	27682	11.26	218.5	23.53	20.68	8.44	219.3	24.18	18.89	91.9	93.4	16.55	15.64	0	881	26.49	1.683	-0.003	11.37
9/20/2012 16:00	27683	11.27	214.4	33.47	24.26	8.2	217.3	34.14	18.89	93.5	95.3	12.39	11.8	0	836	26.47	1.683	0	12.8
9/20/2012 17:00	27684	13.61	200.8	19.92	26.05	9.37	203.4	21.1	20.68	93.4	95.5	12.67	11.9	0	706.3	26.45	1.683	0	14.84
9/20/2012 18:00	27685	13.24	191.8	16.82	22.47	8.73	194.9	20.09	18.89	91.9	93.3	13.86	13.33	0	404.6	26.43	1.68	-0.003	16.16
9/20/2012 19:00	27686	15.36	180.1	11.29	26.05	9.25	182.8	18.03	20.68	90.2	90.8	12.78	12.79	0	203.2	26.42	1.683	0.003	13.11
9/20/2012 20:00	27687	12.45	173.1	7.994	20.68	7.119	176.1	16.84	15.31	86.9	86.4	13	13.54	0	48.41	26.4	1.677	-0.006	11.26
9/20/2012 21:00	27688	8.14	165	7.024	13.52	3.557	163	15.6	8.16	79.96	78.03	17.46	18.66	0	0.178	26.38	1.677	0	11.33
9/20/2012 22:00	27689	9.65	160.7	8.48	18.89	4.404	157.7	17.87	15.31	76.05	73.74	23.51	24.6	0	0.014	26.37	1.68	0.004	11.14
9/20/2012 23:00	27690	14.66	170.5	8.56	22.47	8.22	172.9	17.14	15.31	77.14	76.42	32.52	31.91	0	0.03	26.38	1.677	-0.003	11.25
9/21/2012 0:00	27691	10.94	178.3	8.55	18.89	6.188	181.5	16.34	13.52	74.06	73.35	39.01	38.19	0	0.04	26.39	1.677	0	11.27
9/21/2012 1:00	27692	9.11	175.1	8.25	13.52	4.903	178.5	17.21	9.95	71.66	70.69	42.69	42.07	0	0.014	26.38	1.677	0	10.99
9/21/2012 2:00	27693	11.49	180.7	9.59	18.89	6.76	184.3	16.81	15.31	72.31	71.83	41.69	40.51	0	0.022	26.37	1.674	-0.003	16.81
9/21/2012 3:00	27694	12.85	182.8	8.89	22.47	7.779	186.2	15.99	15.31	71.41	70.97	43.44	42.14	0	0.028	26.37	1.674	0	16.76
9/21/2012 4:00	27695	10.99	184	10.1	20.68	6.57	188	16.2	13.52	69.77	69.3	46.54	45.1	0	0.02	26.37	1.674	0	16.56
9/21/2012 5:00	27696	10.24	200.5	9.06	15.31	6.417	203.1	13.68	13.52	68.82	68.3	49.51	47.92	0	0.019	26.36	1.674	0	16.61
9/21/2012 6:00	27697	7.366	182.1	12.19	11.74	4.086	185.8	17.23	8.16	66.25	65.67	55.05	53.11	0	0.017	26.35	1.674	0	11.53
9/21/2012 7:00	27698	7.536	191.9	12.02	13.52	4.229	196.1	16.26	8.16	63.33	62.42	58.91	57.32	0	0.011	26.35	1.674	0	16.19
9/21/2012 8:00	27699	4.972	183.6	9.67	9.95	1.364	187.1	10.03	6.368	60.97	59.28	61.3	60.92	0	4.927	26.34	1.674	0	11.54
9/21/2012 9:00	27700	6.178	185	16.97	13.52	3.238	192.8	18.81	9.95	62.86	62.89	58.03	55.37	0	166.8	26.35	1.674	0	11.02
9/21/2012 10:00	27701	11.25	192.8	10.78	17.1	7.498	195.3	15.99	13.52	69.46	70.85	48.72	45.18	0	402.7	26.39	1.674	0	16.74
9/21/2012 11:00	27702	9.82	196.2	15.45	15.31	6.782	199.8	19.45	13.52	74.34	75.64	41.96	39.18	0	509.9	26.44	1.677	0.003	11.39
9/21/2012 12:00	27703	8.15	204.8	23.77	13.52	5.919	207	25.15	13.52	79.58	81.1	32.54	30.39	0	668.7	26.47	1.674	-0.003	11.47
9/21/2012 13:00	27704	5.054	208.5	35.71	11.74	3.829	213.7	33.68	11.74	83.9	84.6	26.91	25.73	0	679.8	26.48	1.677	0.003	11.33
9/21/2012 14:00	27705	5.025	111.6	67.94	11.74	3.661	109.6	73.04	9.95	89.2	90.2	19.65	19.23	0	902	26.49	1.676	0	15.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/21/2012 15:00	27706	5.198	183.7	86.7	11.74	3.986	194.9	87.7	9.95	92.1	93.1	15.05	14.77	0	885	26.48	1.673	-0.003	16.86
9/21/2012 16:00	27707	4.083	72.2	96.7	9.95	2.841	335.4	78.71	9.95	95.3	95.9	10.61	10.76	0	803	26.46	1.676	0.003	15.37
9/21/2012 17:00	27708	5.105	272.5	67.93	13.52	4.059	273.4	64.12	11.74	95.1	95.7	9.83	9.87	0	660.4	26.45	1.673	-0.003	11.11
9/21/2012 18:00	27709	6.842	123.6	37.1	17.1	4.425	125.7	44.49	11.74	94.2	95.6	9.83	9.94	0	460.1	26.43	1.67	-0.003	16.88
9/21/2012 19:00	27710	8.3	149.4	21.48	15.31	4.999	151	28.48	9.95	92.2	93.2	10.25	10.52	0	241.6	26.42	1.673	0.003	15.69
9/21/2012 20:00	27711	8.83	148	8.33	13.52	4.41	148.4	15.51	9.95	87.7	86.9	15.02	-7999	0	44.73	-7999	1.674	0	15.72
9/21/2012 21:00	27712	7.174	138.7	8.01	9.95	2.411	126	17.14	4.578	80.6	77.24	20.53	-7999	0	0.105	26.4	1.674	0	15.78
9/21/2012 22:00	27713	6.565	131.8	5.05	8.16	1.787	105.8	12.92	4.578	77.51	72.91	26.38	29.59	0	0.011	-7999	1.668	-0.006	14.47
9/21/2012 23:00	27714	7.313	132.5	10.86	15.31	2.93	108.6	27.28	9.95	76.36	72.17	27.71	30.73	0	0.015	26.38	1.668	0	11.8
9/22/2012 0:00	27715	8.69	152.5	14.5	13.52	4.293	152.6	21.82	8.16	74.04	72.65	32.82	32.92	0	0.021	26.39	1.668	0	13.6
9/22/2012 1:00	27716	7.167	172.5	8.18	11.74	2.72	176.5	14.57	6.368	69.92	67.71	39.54	40.34	0	0.01	26.39	1.668	0	16.07
9/22/2012 2:00	27717	4.941	182.3	10.98	8.16	0.957	182.2	14.41	4.578	66.99	64.7	44.7	45.51	0	0.004	26.39	1.671	0.003	13.91
9/22/2012 3:00	27718	4.731	168.8	7.796	8.16	0.678	126.2	9.29	2.789	65.96	62.46	47.56	49.89	0	0.005	26.38	1.665	-0.006	16.74
9/22/2012 4:00	27719	5.119	166.3	9.65	8.16	0.913	133	12.24	2.789	65.18	61.76	49.2	51.72	0	0.005	26.38	1.668	0.003	16.22
9/22/2012 5:00	27720	5.549	175.9	8.83	9.95	1.093	164.5	11.06	4.578	64.13	60.68	49.66	52.36	0	0.002	26.37	1.665	-0.003	16.69
9/22/2012 6:00	27721	4.606	164.3	16.7	6.368	0.676	138	15.31	2.789	62.43	58.68	52.66	55.67	0	0.004	26.37	1.665	0	16.67
9/22/2012 7:00	27722	4.743	151.8	11.65	8.16	0.791	126	10.96	4.578	61.5	57.93	53.94	56.71	0	0.001	26.38	1.665	0	15.96
9/22/2012 8:00	27723	5.049	125.7	10.03	8.16	1.585	87.1	9.46	4.578	61.02	57.66	54.25	56.88	0	5.605	26.4	1.668	0.003	15.42
9/22/2012 9:00	27724	5.682	108.1	11.34	11.74	2.687	94.5	21.04	8.16	63.43	62.77	51.13	50.3	0	132.7	26.42	1.665	-0.003	16.42
9/22/2012 10:00	27725	7.79	153.3	16.24	11.74	4.768	154.5	24.12	9.95	71.53	72.85	40.55	38.36	0	344.3	26.49	1.668	0.003	11.55
9/22/2012 11:00	27726	6.429	176.4	20.57	11.74	4.399	182.2	26.48	9.95	77.27	78.76	33.61	31.73	0	555.3	26.55	1.67	0.003	13.55
9/22/2012 12:00	27727	5.083	178.8	32.46	9.95	3.533	187.1	37.47	8.16	83.9	85.2	24.86	23.86	0	728.3	26.58	1.667	-0.003	11.43
9/22/2012 13:00	27728	5.648	184	30.54	13.52	4.076	191.2	33.71	9.95	89.1	90.5	14.1	13.98	0	846	26.61	1.673	0.006	15.43
9/22/2012 14:00	27729	8.44	167.8	27.39	18.89	5.759	173.3	34.7	13.52	90.9	93.1	9.82	9.73	0	897	26.61	1.67	-0.003	15.97
9/22/2012 15:00	27730	10.24	166.3	25.34	20.68	6.683	169.1	29.97	15.31	92.2	94.9	7.187	7.138	0	884	26.6	1.667	-0.003	11.29
9/22/2012 16:00	27731	11.83	157.1	22.82	20.68	7.457	159.9	28.8	17.1	92	94.7	8.79	8.43	0	797.3	26.58	1.667	0	11.2
9/22/2012 17:00	27732	11.51	146.8	22.64	22.47	7.192	148.7	31.35	15.31	91.4	93.8	9.36	9.08	0	649	26.57	1.664	-0.003	13.56
9/22/2012 18:00	27733	10.8	145.2	26.4	20.68	6.823	148	34.29	15.31	-7999	92.5	9.85	9.76	0	455.2	26.56	1.667	0.003	11.85
9/22/2012 19:00	27734	11.35	153.4	14.49	17.1	6.769	156.4	21.16	13.52	89.3	90.3	10.94	11.06	0	235.5	26.55	1.664	-0.003	11.09
9/22/2012 20:00	27735	9.41	150.7	8.41	17.1	4.829	151.2	16.57	13.52	85.5	84.7	13.63	14.36	0	41.46	26.54	1.661	-0.003	11.18
9/22/2012 21:00	27736	6.919	151.6	7.358	9.95	2.023	136.8	17.1	4.578	78.7	74.69	19.63	22.3	0	0.075	26.52	1.667	0.007	15.9
9/22/2012 22:00	27737	8.21	142	7.074	11.74	2.889	121.4	18.19	6.368	75.28	70.61	24.07	27.08	0	0.011	26.5	1.661	-0.006	14.86
9/22/2012 23:00	27738	8.79	143.6	6.246	11.74	3.738	139	16.04	6.368	72	69.48	28.17	29.52	0	0.015	26.5	1.661	0	12.17
9/23/2012 0:00	27739	8.59	153.3	7.337	13.52	3.771	153.2	16.51	8.16	70.1	68.22	29.73	30.52	0	0.01	26.5	1.658	-0.003	11.28
9/23/2012 1:00	27740	8.17	152.2	7.325	13.52	3.357	148.1	15.98	6.368	67.86	65.73	32.29	33.31	0	0.008	26.49	1.661	0.003	11.37
9/23/2012 2:00	27741	7.153	153.1	7.911	11.74	2.48	148.4	15.79	6.368	66.59	63.96	34.17	35.68	0	0.011	26.49	1.658	-0.003	11.43
9/23/2012 3:00	27742	8.13	159.6	7.21	13.52	3.622	160.1	15.42	8.16	65.68	64	35.59	36.04	0	0.006	26.48	1.662	0.003	11.38
9/23/2012 4:00	27743	5.934	171.8	18.09	9.95	1.745	183.7	25.42	4.578	62.64	60.33	40.04	41.07	0	0.007	26.48	1.659	-0.003	16.57
9/23/2012 5:00	27744	5.108	180.5	15.8	9.95	1.057	170.1	15.63	4.578	61.5	58.65	42.77	44.38	0	0.002	26.47	1.659	0	15.86
9/23/2012 6:00	27745	4.632	189.4	21.55	9.95	0.908	194.5	24.01	4.578	60.73	58.11	46.13	47.38	0	0.003	26.46	1.659	0	16.48
9/23/2012 7:00	27746	3.088	220.4	30.29	6.368	0.787	262.4	30.77	4.578	59.7	56.92	49.94	51.08	0	0.002	26.46	1.659	0	16.17
9/23/2012 8:00	27747	4.352	249.2	14.15	6.368	1.196	297.9	6.095	4.578	59.93	56.09	51.63	54.44	0	4.66	26.47	1.659	0	13.61
9/23/2012 9:00	27748	3.557	253.2	31.46	8.16	0.832	267.5	27.58	6.368	62.99	61.27	47.19	47.66	0	124.6	26.48	1.659	0	11.33
9/23/2012 10:00	27749	6.708	199.5	12.5	11.74	4.782	205.3	15.72	9.95	70.03	70.72	39.45	37.65	0	333.1	26.55	1.661	0.003	11.42
9/23/2012 11:00	27750	10.28	197.3	13.07	15.31	7.049	199.8	17.18	11.74	75.09	76.59	33.56	31.39	0	545.2	26.61	1.661	-0.001	14.56

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/23/2012 12:00	27751	10.75	198.2	16.51	17.1	7.624	202.2	19.16	13.52	79.28	81	31.3	28.98	0	718.6	26.64	1.661	0	16.77
9/23/2012 13:00	27752	11.08	181.4	16.78	24.26	7.483	184.5	22.28	17.1	82.6	85	25.24	23.28	0	838	26.66	1.664	0.003	11.34
9/23/2012 14:00	27753	12.86	175.1	16.83	22.47	8.39	177.9	23.43	15.31	84.6	87.3	20.62	18.97	0	888	26.65	1.661	-0.003	11.35
9/23/2012 15:00	27754	14.79	155.6	16.93	24.26	9.12	157.4	23.83	18.89	86.1	89.2	15.76	14.46	0	876	26.64	1.661	0	16.78
9/23/2012 16:00	27755	13.43	159.1	16.4	26.05	8.34	162.5	23.41	17.1	86.8	89.6	14.95	13.81	0	786.1	26.62	1.661	0	11.24
9/23/2012 17:00	27756	12.03	149.9	23.75	22.47	7.507	152.2	30.46	17.1	87.2	89.6	14.31	13.43	0	650.6	26.6	1.658	-0.003	11.12
9/23/2012 18:00	27757	12.29	146.2	17.09	24.26	7.431	148.3	24.61	17.1	86.5	88.4	15.72	14.87	0	464.2	26.58	1.658	0	12.56
9/23/2012 19:00	27758	13.69	143.8	15.43	22.47	8.04	146.4	22.35	17.1	85.4	86.5	16.09	15.63	0	251.8	26.57	1.658	0	11.29
9/23/2012 20:00	27759	10.91	148.9	8.68	18.89	5.917	150.8	16.79	13.52	82.2	81.7	20.92	20.97	0	45.64	26.56	1.658	0	16.21
9/23/2012 21:00	27760	6.806	149.8	5.403	9.95	2.045	134.9	13.02	4.578	76.04	72.79	27.72	29.53	0	0.058	26.54	1.661	0.004	11.3
9/23/2012 22:00	27761	6.765	138	5.786	9.95	2.028	104.5	11.7	4.578	73.16	68.76	32.94	35.54	0	0.01	26.53	1.661	0	15.6
9/23/2012 23:00	27762	8.33	128.2	9.04	13.52	3.502	120	17.6	8.16	71.03	68.21	37.93	39.23	0	0.013	26.52	1.655	-0.006	11.35
9/24/2012 0:00	27763	10.17	143.8	7.97	15.31	5.341	144.4	16.67	11.74	71.49	70.27	40.2	39.88	0	0.017	26.51	1.658	0.003	15.67
9/24/2012 1:00	27764	8.25	145.9	7.093	15.31	3.856	144.2	15.8	8.16	69.19	67.88	44.25	43.92	0	0.012	26.52	1.655	-0.003	11.29
9/24/2012 2:00	27765	7.127	137.6	6.24	9.95	2.775	130.3	15.88	6.368	65.98	64.23	50.16	50.09	0	0.007	26.5	1.655	0	16.74
9/24/2012 3:00	27766	6.828	138.8	4.919	9.95	2.274	127.1	13.44	4.578	65.52	63.17	54.49	54.79	0	0.005	26.48	1.652	-0.003	16.64
9/24/2012 4:00	27767	4.905	155.4	29.68	9.95	1.528	144.1	31.61	4.578	63.97	61.95	60.48	59.89	0	0.007	26.46	1.658	0.006	11.81
9/24/2012 5:00	27768	4.703	163.9	17.05	9.95	1.09	169.3	15.6	6.368	63.44	60.89	63.61	63.73	0	0.005	26.44	1.655	-0.003	11.45
9/24/2012 6:00	27769	6.421	163.2	11.39	9.95	2.178	163.3	17.98	6.368	62.84	60.93	68.32	67.42	0	0.004	26.43	1.655	0	16.33
9/24/2012 7:00	27770	3.467	190.3	11.82	6.368	0.096	207.6	2.134	2.789	61.62	59.45	73.97	72.57	0	0.005	26.43	1.656	0	16.39
9/24/2012 8:00	27771	4.695	172.4	15.24	8.16	0.214	151.1	6.791	2.789	60.48	58.07	78.62	77.73	0	5.258	26.42	1.656	0	11.57
9/24/2012 9:00	27772	5.21	186.4	18.24	15.31	2.063	182.6	16.32	11.74	62.76	62.69	77.72	73.52	0	127	26.43	1.659	0.003	15.73
9/24/2012 10:00	27773	13.28	181.6	10.33	22.47	8.36	185.5	17.35	18.89	71	72.15	64.38	59.64	0	365.2	26.48	1.655	-0.003	11.53
9/24/2012 11:00	27774	14.55	189	11.29	20.68	9.57	192.5	16.94	17.1	75.5	77.11	53.68	49.29	0	534.1	26.52	1.661	0.006	16.03
9/24/2012 12:00	27775	13.95	190	12.73	20.68	9.27	192.8	17.54	17.1	79.28	81.4	45.28	41.21	0	703.8	26.54	1.658	-0.003	16.82
9/24/2012 13:00	27776	12.83	195.3	17.13	26.05	8.81	197.5	20.21	22.47	82.7	84.9	35.88	32.72	0	777.7	26.54	1.654	-0.003	14.51
9/24/2012 14:00	27777	12.66	199.9	17.64	22.47	8.84	202.7	20.71	17.1	85	87.4	27.01	24.61	0	877	26.53	1.657	0.003	11.3
9/24/2012 15:00	27778	11.66	200.1	25.68	22.47	8.14	200.3	28.14	17.1	87.2	89.5	21.27	19.5	0	866	26.5	1.657	0	16.01
9/24/2012 16:00	27779	10.84	184.4	21.49	20.68	7.379	186.4	26.03	15.31	88	90.2	18.72	17.33	0	764.4	26.47	1.654	-0.003	11.3
9/24/2012 17:00	27780	11.61	202.2	24.72	20.68	8.17	205	26.17	17.1	88.5	90.3	15.72	14.76	0	645.4	26.45	1.658	0.003	11.38
9/24/2012 18:00	27781	11.39	190.8	20.06	22.47	7.563	193.1	23.18	18.89	88.5	89.9	14.1	13.62	0	442.3	26.43	1.657	0	14.26
9/24/2012 19:00	27782	9.85	193.6	16.25	20.68	6.43	195.4	20.04	15.31	87.9	88.6	10.4	10.67	0	224.7	26.41	1.654	-0.003	11.39
9/24/2012 20:00	27783	7.29	171.5	14.24	13.52	3.478	171.6	20.79	8.16	84.5	83.3	14.98	15.95	0	39.21	26.39	1.655	0	11.09
9/24/2012 21:00	27784	8.16	142.9	6.405	11.74	3.429	137.6	14.03	6.368	78.62	75.61	22.27	23.83	0	0.067	26.36	1.658	0.003	15.71
9/24/2012 22:00	27785	10.45	138	7.645	15.31	5.465	138.7	17.54	9.95	76.51	74.96	30.59	30.57	0	0.025	26.35	1.655	-0.003	11.18
9/24/2012 23:00	27786	12.11	145.8	10.79	20.68	6.633	147.5	18.13	13.52	75.79	74.92	38.08	37.4	0	0.029	26.35	1.652	-0.003	16.63
9/25/2012 0:00	27787	11.88	157.7	9.14	18.89	6.587	159.9	16.94	13.52	74.19	73.39	41.97	41.02	0	0.035	26.35	1.655	0.003	16.76
9/25/2012 1:00	27788	13.32	171.4	9.52	26.05	7.589	173.9	17.52	15.31	73.07	72.46	49.62	48.05	0	0.029	26.34	1.655	0	11.29
9/25/2012 2:00	27789	11.45	181.8	8.74	18.89	6.707	184.9	16.25	13.52	71.3	70.72	56.06	54.05	0	0.028	26.33	1.655	0	13.75
9/25/2012 3:00	27790	10.4	183.9	9.02	15.31	6.093	187.3	15.84	11.74	69.96	69.3	59.25	57.25	0	0.019	26.32	1.652	-0.003	11.23
9/25/2012 4:00	27791	10.38	184.3	8.81	15.31	5.994	187.7	15.54	11.74	68.33	67.61	62.17	60.07	0	0.022	26.31	1.655	0.003	13.76
9/25/2012 5:00	27792	9.69	180.1	8.54	15.31	5.393	183.9	16.16	9.95	66.55	65.71	65.62	63.51	0	0.019	26.29	1.652	-0.003	16.51
9/25/2012 6:00	27793	10.33	172.5	8.44	15.31	5.672	175.7	17.39	9.95	65.59	64.79	68.37	66.06	0	0.017	26.28	1.655	0.003	15.73
9/25/2012 7:00	27794	9.74	182.9	9.89	15.31	5.574	187.7	16.95	9.95	65.68	64.87	68.86	66.61	0	0.012	26.27	1.652	-0.003	16.4
9/25/2012 8:00	27795	7.19	201.5	19.94	13.52	3.985	207	24.21	9.95	64.12	63.05	71.72	69.68	0	4.237	26.28	1.652	0	11.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/25/2012 9:00	27796	5.78	243.8	16.82	9.95	3.958	244.5	20.77	8.16	65.13	64.79	70.78	67.14	0	128.3	26.3	1.652	0	11.52
9/25/2012 10:00	27797	7.142	221.7	16.77	11.74	5.406	223	19.42	9.95	69.8	70.42	63.09	58.85	0	335.7	26.35	1.652	0	11.46
9/25/2012 11:00	27798	7.288	211.2	16.53	11.74	5.482	212	20.56	9.95	75.38	76.45	51.39	47.8	0	553.6	26.4	1.655	0.003	11.44
9/25/2012 12:00	27799	5.149	226.7	83.9	9.95	3.928	242	81.5	8.16	81.9	82.9	35.95	33.88	0	741.7	26.43	1.654	0	16.87
9/25/2012 13:00	27800	3.979	83.7	40.51	11.74	2.819	81.3	50.17	9.95	87.9	88.7	25.37	24.93	0	840	26.44	1.654	0	14.63
9/25/2012 14:00	27801	5.281	13.4	81	11.74	3.779	8.41	73.38	8.16	90.4	91.4	18.88	18.12	0	891	26.43	1.657	0.003	12.15
9/25/2012 15:00	27802	4.499	268.9	61.42	13.52	3.661	268.3	60.37	13.52	92.7	92.9	15.12	14.91	0	726.6	26.41	1.654	-0.003	11.25
9/25/2012 16:00	27803	4.024	276.7	70.8	11.74	3.011	264.1	64.67	9.95	92.1	92.2	14.49	14.51	0	544.9	26.38	1.654	0	16.73
9/25/2012 17:00	27804	6.982	275.2	62.23	18.89	5.411	272.1	60.51	15.31	92.3	-7999	14.09	13.57	0	563.2	26.36	1.657	0.003	11.09
9/25/2012 18:00	27805	8.33	275.2	43.91	18.89	6.456	276	45.1	15.31	89.2	89.6	15.48	15.25	0	195.4	26.35	1.654	-0.003	11.2
9/25/2012 19:00	27806	7.572	206.1	18.35	13.52	5.091	206.7	19.33	9.95	89.1	89.3	-7999	16.45	0	154.2	26.33	1.658	0.003	13.48
9/25/2012 20:00	27807	6.798	205.6	7.809	11.74	3.518	203.4	12.56	8.16	85.5	84.1	18.9	19.81	0	17.46	26.32	1.655	-0.003	11.1
9/25/2012 21:00	27808	5.776	177.7	13.78	8.16	1.92	139.4	21.58	4.578	81.3	76.74	22.38	25.46	0	0.06	26.29	1.655	0	15.46
9/25/2012 22:00	27809	6.502	116.1	10.18	9.95	2.394	95.1	15.9	6.368	75.96	72.22	28.77	31.19	0	0.018	26.29	1.652	-0.003	16.77
9/25/2012 23:00	27810	8.89	151.7	23.68	17.1	4.4	150.3	34.08	9.95	74.13	72.2	35.76	36.07	0	0.019	26.29	1.652	0	16.25
9/26/2012 0:00	27811	7.282	178	8.68	13.52	3.43	179.1	15.42	8.16	71.5	70.15	45.92	45.39	0	0.022	26.3	1.655	0.003	16.87
9/26/2012 1:00	27812	5.05	162.4	10.44	8.16	0.537	149.7	11.19	2.789	67.86	65.22	53.06	53.85	0	0.01	26.28	1.652	-0.003	11.44
9/26/2012 2:00	27813	4.752	180.7	7.25	8.16	0.35	182.2	8.15	2.789	66.27	63.48	56.13	57.38	0	0.007	26.27	1.655	0.003	15.43
9/26/2012 3:00	27814	5.139	184.9	7.467	8.16	0.914	172.1	9.3	4.578	66.34	63.34	56.22	57.37	0	0.006	26.27	1.649	-0.006	14.31
9/26/2012 4:00	27815	5.287	174.9	9.62	8.16	0.697	136.5	11.96	2.789	65.03	61.88	63.15	63.14	0	0.004	26.26	1.652	0.003	11.49
9/26/2012 5:00	27816	4.387	176.6	9.33	9.95	0.435	159.4	7.466	4.578	64.54	61.4	68.49	69.39	0	0.006	26.24	1.649	-0.003	15.81
9/26/2012 6:00	27817	5.101	189.3	13.18	8.16	0.725	200.8	13.69	4.578	64.13	61.33	71.71	71.88	0	0.007	26.25	1.649	0	16.72
9/26/2012 7:00	27818	4.772	198.6	8.24	6.368	0.542	201.9	7.003	4.578	63.48	60.8	74.2	74.15	0	0.005	26.25	1.652	0.003	11.47
9/26/2012 8:00	27819	4.423	195.1	18.01	8.16	0.398	215.5	10.34	4.578	62.47	60.06	77.16	76.47	0	3.869	26.26	1.652	0	11.42
9/26/2012 9:00	27820	4.436	195.8	9.91	9.95	1.046	198.2	8.47	8.16	64.11	62.61	75.55	74.09	0	103.9	26.27	1.652	0	11.52
9/26/2012 10:00	27821	10.39	197.8	12.22	18.89	6.99	200.4	16.63	13.52	71.36	72.4	64.52	59.85	0	351.7	26.33	1.655	0.003	11.4
9/26/2012 11:00	27822	10.35	196.5	15.02	15.31	7.185	198.7	19.25	13.52	76.77	78.43	55.05	50.42	0	564.5	26.39	1.651	-0.004	11.04
9/26/2012 12:00	27823	8.76	183.6	18.47	17.1	6.067	187	23.95	11.74	78.88	80.7	51.14	46.76	0	629.1	26.42	1.651	0	13.24
9/26/2012 13:00	27824	7.212	190.7	24.73	15.31	5.238	194.2	27.02	11.74	85.2	87	39.17	36.12	0	787.8	26.43	1.651	0	15.85
9/26/2012 14:00	27825	7.465	196.2	22.72	13.52	5.237	198.3	27.41	15.31	85.9	87.4	35.13	32.7	0	484.9	26.44	1.651	0	14.6
9/26/2012 15:00	27826	6.982	197.9	17.62	15.31	4.893	199.3	19.89	11.74	84.8	85.7	35.13	33.24	0	198.3	26.42	1.651	0	11.21
9/26/2012 16:00	27827	9.05	280.9	26.09	18.89	7.046	280.7	28.42	15.31	84.4	84.7	26.83	25.92	0	174.6	26.4	1.651	0	11.32
9/26/2012 17:00	27828	8.66	322.4	19.65	17.1	6.858	321.1	17.82	15.31	85.6	86.1	22.38	21.45	0	405.6	26.38	1.651	0	14.37
9/26/2012 18:00	27829	6.31	139.7	43.13	15.31	4.008	150.8	39.87	11.74	89.6	90.6	18.64	18.13	0	441.4	26.37	1.654	0.003	13.68
9/26/2012 19:00	27830	18.58	169	10.74	36.78	10.84	172.6	18.8	29.63	83.4	84.4	34.77	32.61	0	172.7	26.39	1.651	-0.003	16.21
9/26/2012 20:00	27831	14.47	174.3	8.79	31.42	8.47	177.6	16.66	20.68	78.37	78.32	42.77	41.12	0	41.25	26.37	1.651	0	11.17
9/26/2012 21:00	27832	6.196	165.1	16.31	13.52	2.504	161.6	26.77	8.16	74.81	73.07	45.18	45.37	0	0.04	26.36	1.649	-0.003	16.75
9/26/2012 22:00	27833	7.462	102.2	13.61	11.74	4.041	88.3	17.75	8.16	72.16	70.72	51.68	50.95	0	0.027	26.38	1.652	0.003	11.3
9/26/2012 23:00	27834	10.19	88.8	8.96	20.68	6.201	86.3	18.51	13.52	71.93	71.76	63.76	60.4	0	0.031	26.39	1.652	0	11.28
9/27/2012 0:00	27835	10.69	102.5	13.72	18.89	6.575	101.6	22.84	13.52	70.11	70.07	76.47	72.4	0	0.026	26.4	1.652	0	11.36
9/27/2012 1:00	27836	7.477	120.7	20.17	20.68	3.732	114.7	24.6	9.95	68.93	68.33	80.3	78.51	0	0.01	26.4	1.652	0	11.37
9/27/2012 2:00	27837	9.76	172.7	43.53	17.1	5.566	173.9	46.9	11.74	70.19	69.23	76	75.58	0.01	0.009	26.4	1.649	-0.003	16.48
9/27/2012 3:00	27838	13.05	128.6	14.27	20.68	7.394	130.5	23.27	17.1	70.2	69.46	74.5	72.91	0	0.009	26.37	1.649	0	11.43
9/27/2012 4:00	27839	14.93	141.6	9.51	26.05	8.58	144.2	17.93	18.89	69.04	68.67	79.35	76.51	0	0.014	26.39	1.655	0.006	15.56
9/27/2012 5:00	27840	14.61	142.2	8.7	20.68	8.34	145	16.56	17.1	68.05	67.64	80.6	77.6	0	0.014	26.38	1.655	0	15.52

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/27/2012 6:00	27841	10.96	138.9	11.03	18.89	6.14	141.1	19.78	13.52	67.39	67.02	79.91	76.81	0	0.02	26.38	1.652	-0.003	16.34
9/27/2012 7:00	27842	6.586	157.9	9.77	11.74	3.514	160.5	17.65	8.16	66.24	65.92	82.6	79.27	0	0.013	26.41	1.658	0.006	15.63
9/27/2012 8:00	27843	3.846	122.7	73.86	8.16	1.567	95.1	42.67	6.368	66.04	65.6	83.3	80.4	0	1.491	26.42	1.649	-0.01	11.52
9/27/2012 9:00	27844	4.719	81.3	29.97	9.95	2.427	80.5	24.59	6.368	65.81	65.72	84.7	81.1	0	23.69	26.44	1.652	0.003	16.15
9/27/2012 10:00	27845	3.747	24.62	23.04	8.16	1.705	18.06	17.73	6.368	66.21	66.21	84.7	81.4	0.01	43.68	26.46	1.649	-0.003	16.71
9/27/2012 11:00	27846	6.098	33.13	15.55	11.74	3.477	27.79	15.55	8.16	66.48	66.5	86.3	83.3	0.02	48.61	26.48	1.649	0	11.54
9/27/2012 12:00	27847	9.19	10.32	11.59	15.31	6.157	8.62	13.54	11.74	66.57	66.72	87.5	84.6	0.02	79.51	26.47	1.649	0	11.01
9/27/2012 13:00	27848	7.303	88.6	44.01	11.74	4.456	87.4	48.12	9.95	67.08	67.16	87.2	85.5	0.04	90.1	26.48	1.652	0.003	11.45
9/27/2012 14:00	27849	8.19	78	14.34	13.52	4.897	73.85	21.04	9.95	67.54	67.41	82.6	82.6	0.02	202.9	26.47	1.649	-0.003	11.02
9/27/2012 15:00	27850	6.845	75.46	12.83	11.74	4.439	69.88	21.73	8.16	69.93	70.62	71.87	70.68	0	272.2	26.46	1.649	0	16.57
9/27/2012 16:00	27851	3.172	70.47	65.18	8.16	2.006	67.58	55.31	6.368	72.74	73.63	65.17	62.56	0	287.9	26.46	1.652	0.003	11.03
9/27/2012 17:00	27852	6.36	98.8	18.53	11.74	4.249	97.8	26.8	8.16	73.02	73.76	61.08	59	0	176	26.46	1.652	0	11.48
9/27/2012 18:00	27853	7.495	114.5	13.55	11.74	4.66	113.6	24.05	9.95	74.13	74.73	57.7	55.65	0	205.3	26.45	1.651	0	13
9/27/2012 19:00	27854	12.12	108.8	9.57	20.68	7.254	108.1	21.56	17.1	72.56	72.88	68.12	64.99	0	79.6	26.45	1.652	0	16.6
9/27/2012 20:00	27855	11.63	112.3	11.24	18.89	6.848	111.2	22.12	13.52	68.88	68.9	78.7	75.06	0	7.561	26.44	1.649	-0.003	11.52
9/27/2012 21:00	27856	9.49	114.3	8.77	15.31	5.444	114.5	20.24	11.74	67.55	67.47	80.2	76.78	0	0.021	26.43	1.652	0.003	11.46
9/27/2012 22:00	27857	4.395	106.1	14.77	11.74	1.818	100.8	18.65	8.16	66.35	66.17	83.3	79.84	0	0.019	26.43	1.649	-0.003	16.48
9/27/2012 23:00	27858	6.404	122.6	18.08	13.52	3.645	124.1	25.62	9.95	66.18	66.13	81.2	77.91	0	0.023	26.44	1.649	0	11.36
9/28/2012 0:00	27859	10.92	138	10.55	18.89	6.378	140	19.25	15.31	65.14	65.31	86.5	82.2	0	0.017	26.44	1.652	0.003	15.87
9/28/2012 1:00	27860	5.336	161.2	11.51	15.31	2.498	162.4	16.18	8.16	64.27	64.42	89.4	86	0	0.022	26.44	1.649	-0.003	12.45
9/28/2012 2:00	27861	4.67	171.3	12.8	8.16	1.733	171.6	14.05	6.368	63.88	63.87	89.6	87.3	0	0.023	26.44	1.649	0	11.76
9/28/2012 3:00	27862	3.498	133.1	23.98	6.368	0.693	150.5	11.34	4.578	63.73	63.49	89.9	88.9	0	0.023	26.43	1.649	0	16.48
9/28/2012 4:00	27863	0.883	225.7	44.95	2.789	0.041	297.9	1.901	2.789	63.84	63.86	90.5	90.5	0	0.018	26.42	1.655	0.006	14.71
9/28/2012 5:00	27864	3.033	85.6	19.37	6.368	0.6	83.2	9.14	4.578	63.89	64	90.9	91.3	0	0.027	26.41	1.652	-0.003	11.5
9/28/2012 6:00	27865	3.289	76.52	15.02	6.368	0.951	71.95	11.82	4.578	63.88	64.09	91.9	92.3	0	0.02	26.4	1.652	0	11.5
9/28/2012 7:00	27866	5.414	98.2	14.25	9.95	3.1	95.1	20.84	8.16	64.14	64.48	92	92.9	0	0.022	26.41	1.649	-0.003	16.74
9/28/2012 8:00	27867	7.821	97.7	10.55	13.52	4.924	94.7	19.81	9.95	64.45	64.77	91.8	92.7	0	0.818	26.41	1.649	0	16.07
9/28/2012 9:00	27868	9.62	106.2	9.38	15.31	5.882	103.7	20.83	11.74	64.43	64.87	91.8	91.9	0	17.26	26.42	1.649	0	12.13
9/28/2012 10:00	27869	11.84	91.5	11.01	20.68	7.401	89	21.08	15.31	62.91	63.76	92.3	92.7	0	54.31	26.43	1.649	0	16.24
9/28/2012 11:00	27870	15.29	87.3	8.76	24.26	9.39	84.3	18.81	17.1	62.91	64.12	90.1	90.3	0	125.6	26.44	1.649	0	16.52
9/28/2012 12:00	27871	15.08	77.77	9.91	24.26	9	74.31	19.65	18.89	63.24	65.04	86	82.4	0	215.5	26.45	1.649	0	14.7
9/28/2012 13:00	27872	14.69	93.1	11.23	24.26	9.33	91.4	21.22	18.89	63.4	65.91	85.3	79.54	0	281.6	26.45	1.649	0	11.4
9/28/2012 14:00	27873	15.83	106	10.34	24.26	9.88	104.5	21.02	18.89	61.54	63.91	85.8	80.6	0	179.9	26.44	1.652	0.003	12.27
9/28/2012 15:00	27874	15.82	101.6	11.15	26.05	9.76	100.5	20.76	18.89	59.8	61.03	90.4	87	0.14	81.6	26.41	1.652	0	15.89
9/28/2012 16:00	27875	11.73	93.9	10.2	18.89	7.601	91.2	19.68	15.31	9.12	61.08	91.4	90	0.17	87.7	26.4	1.652	0	16.07
9/28/2012 17:00	27876	12.2	69.88	12.73	18.89	7.551	66.17	19.81	13.52	19.39	60.88	90.7	91.2	0.06	78.7	26.39	1.652	0	11.5
9/28/2012 18:00	27877	11.34	49.02	9.71	17.1	6.038	42.3	16.02	11.74	45.38	60.98	90.5	91.1	0.08	45.2	26.38	1.652	0	11.49
9/28/2012 19:00	27878	11.71	37.24	11.03	18.89	6.598	34.13	13.56	15.31	56.13	60.81	91.2	91.7	0.18	15.74	26.37	1.649	-0.003	11.54
9/28/2012 20:00	27879	13.73	46.18	12.68	24.26	7.55	41.28	16.65	17.1	62.71	61.05	91.5	93	0.07	2.988	26.37	1.649	0	11.49
9/28/2012 21:00	27880	16.05	58.17	8.88	24.26	9.6	53.96	16.01	18.89	-5.122	60.5	91	92.9	0.13	0.09	26.37	1.649	0	14.98
9/28/2012 22:00	27881	16.05	57.52	9.41	26.05	9.59	53.86	16.48	18.89	-108.5	60.29	91.4	93.2	0.13	0.087	26.38	1.652	0.003	11.49
9/28/2012 23:00	27882	14.49	53.45	9.29	24.26	8.17	48.97	16.81	17.1	-7999	59.63	91.4	93.1	0.09	0.078	26.39	1.652	0	11.43
9/29/2012 0:00	27883	13.21	47.67	10.52	20.68	7.386	43.05	16.49	15.31	-7999	59.53	91.3	93.1	0.05	0.092	26.39	1.655	0.003	14.38
9/29/2012 1:00	27884	15.47	43.66	7.935	33.21	8.38	37.55	12.61	17.1	-69.47	59.63	91.2	92.8	0.04	0.09	26.38	1.652	-0.003	11.45
9/29/2012 2:00	27885	16	45.96	8.81	24.26	8.28	38.83	13.92	17.1	-37.41	60	91.6	93.1	0.05	0.127	26.37	1.652	0	11.4

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/29/2012 3:00	27886	16.48	45.03	8.41	26.05	8.65	37.59	13.3	17.1	-47.34	60.43	90.1	92.4	0.03	0.104	26.36	1.652	0	11.47
9/29/2012 4:00	27887	15.45	41.74	8.91	22.47	8.33	37.66	12.41	15.31	-51.21	60.33	90.1	90	0.02	0.088	26.35	1.652	0	15.48
9/29/2012 5:00	27888	15.41	40.32	10.11	24.26	8.5	35.45	13.18	18.89	-40.09	59.96	90.5	89.9	0.02	0.075	26.34	1.652	0	11.21
9/29/2012 6:00	27889	15.1	30.08	10.94	24.26	8.88	27.78	13.65	22.47	-66.36	59.77	88.3	87.6	0	0.03	26.34	1.652	0	11.5
9/29/2012 7:00	27890	15.03	25.39	10.25	24.26	9.68	21.47	13.26	20.68	-71.63	59.87	87.5	84.5	0	0.013	26.36	1.652	0	12.92
9/29/2012 8:00	27891	13.88	30.58	11.19	22.47	8.34	27.33	14.15	20.68	-26.64	59.51	86.5	82.8	0	0.702	26.37	1.652	0	11.14
9/29/2012 9:00	27892	14.66	26.55	10.35	24.26	9.31	22.85	12.97	22.47	-7.506	59.45	85.7	81.9	0	35.3	26.38	1.655	0.003	12.37
9/29/2012 10:00	27893	15.48	21.35	9.27	24.26	10.7	17.18	12.05	20.68	-6.821	60.08	84	80.5	0.01	111.4	26.4	1.652	-0.003	11.01
9/29/2012 11:00	27894	13.93	14.54	12.18	24.26	9.72	10.43	13.78	20.68	-1.309	61.67	79.47	76.16	0	151.4	26.43	1.652	0	11.62
9/29/2012 12:00	27895	14.06	19.85	10.51	22.47	9.65	16.33	13.57	20.68	-0.012	62.08	78.87	76.14	0.03	215	26.44	1.649	-0.003	12.18
9/29/2012 13:00	27896	15.31	28.26	11.77	24.26	9.58	24.97	14.79	20.68	-0.537	64.55	73.34	70.7	0	441.3	26.43	1.652	0.003	11.6
9/29/2012 14:00	27897	13.57	35.24	13.7	22.47	8.12	31.33	17.01	18.89	-2.594	67.45	66.53	63.81	0	557.3	26.45	1.652	0	12
9/29/2012 15:00	27898	13.02	26.79	15.11	22.47	8.36	23.31	17.39	17.1	0.913	67.62	65.96	63.23	0	297.6	26.45	1.655	0.003	11.6
9/29/2012 16:00	27899	11.66	38.96	14.15	18.89	6.893	33.95	17.41	13.52	7.934	67.63	66.11	63.36	0	311.4	26.43	1.649	-0.006	16.8
9/29/2012 17:00	27900	10.4	27.02	14.26	18.89	6.662	23.51	16.3	15.31	11.28	68.65	66.23	63.19	0	314.5	26.42	1.655	0.006	11.72
9/29/2012 18:00	27901	10.51	26.55	13.66	18.89	6.708	23.36	16.58	15.31	34.02	69.05	65.45	62.68	0	287.8	26.41	1.652	-0.003	15.59
9/29/2012 19:00	27902	11.33	38.81	21.25	22.47	7.039	34.28	24.49	17.1	49.79	69.19	64.09	61.53	0	176.9	26.42	1.652	0	12.37
9/29/2012 20:00	27903	7.397	61.55	8.31	17.1	4.505	60.48	15.73	13.52	68.43	63.81	74.08	71.61	0	20.27	26.41	1.649	-0.003	11.39
9/29/2012 21:00	27904	4.209	33.39	10.19	6.368	1.431	30.45	9.69	4.578	72.26	61.65	78.88	77	0	0.017	26.4	1.649	0	11.63
9/29/2012 22:00	27905	4.643	39.79	8.72	6.368	1.608	34.75	9.84	4.578	72.02	61.03	81.6	80	0	0.012	26.4	1.649	0	11.67
9/29/2012 23:00	27906	4.499	36.35	8.95	8.16	1.319	33.06	8.94	4.578	73.18	60.98	81.9	80.1	0	0.008	26.41	1.649	0	11.69
9/30/2012 0:00	27907	3.532	28.43	9.03	6.368	0.524	38.18	6.278	2.789	73.08	59.6	84.5	82.9	0	0.007	26.41	1.652	0.003	15.95
9/30/2012 1:00	27908	3.83	43.68	8.9	6.368	0.634	49.56	7.79	2.789	72.27	58.27	87.2	86.2	0	0.005	26.4	1.649	-0.003	11.63
9/30/2012 2:00	27909	3.376	39.6	8.1	4.578	0.155	35.83	5.918	2.789	71.86	57.66	88.9	87.8	0	0.011	26.39	1.652	0.003	11.63
9/30/2012 3:00	27910	1.406	345	14.28	4.578	0.18	319.1	5.755	2.789	70.48	55.72	90.4	89.2	0	0.01	26.38	1.649	-0.003	11.51
9/30/2012 4:00	27911	2.365	341.6	12.16	6.368	0.071	311.3	1.825	2.789	70.02	55.05	91.2	91.5	0	0.009	26.37	1.649	0	16.84
9/30/2012 5:00	27912	2.809	328.8	16.28	6.368	0.052	316.2	1.486	2.789	69.6	54.84	90.7	97.3	0	0.013	26.35	1.656	0.006	11.66
9/30/2012 6:00	27913	4.115	328.4	11.56	6.368	1.145	316.9	9.04	4.578	68.4	55.38	91.5	99.9	0	0.022	26.34	1.649	-0.006	16.75
9/30/2012 7:00	27914	3.676	322.6	10.37	8.16	1.367	309.9	5.401	4.578	67.56	55.2	91.6	99.9	0	0.016	26.34	1.649	0	16.83
9/30/2012 8:00	27915	2.503	329.5	19.33	4.578	0	0	0	0	67.11	54.19	91.8	99.9	0	2.858	26.35	1.649	0	16.72
9/30/2012 9:00	27916	1.923	318.5	8.79	4.578	0.432	320.8	4.566	2.789	69.13	55.99	91.2	99.9	0	90.1	26.36	1.649	0	11.67
9/30/2012 10:00	27917	1.798	259.6	33.86	6.368	1.094	253	29.64	4.578	75.16	63.17	83.4	99.8	0	287.9	26.4	1.652	0.003	11.63
9/30/2012 11:00	27918	3.636	212.6	32.2	8.16	2.492	214.3	30	6.368	79.13	68.51	72.15	73.03	0	515.2	26.46	1.651	-0.001	11.47
9/30/2012 12:00	27919	4.064	206.6	32.32	8.16	3.134	209.2	31.54	6.368	80.8	72.5	62.1	59.49	0	679.2	26.49	1.651	0	12.44
9/30/2012 13:00	27920	4.809	178.8	39.47	9.95	3.773	188	42.85	8.16	82	75.11	56.89	55.25	0	796.3	26.49	1.651	0	16.44
9/30/2012 14:00	27921	5.91	248.1	48.24	13.52	4.455	243.6	48.69	11.74	83.1	76.99	53.48	52.04	0	844	26.48	1.651	0	11.59
9/30/2012 15:00	27922	5.497	235.5	62.06	11.74	4.138	238	56.48	9.95	89.1	79.23	49.21	48.05	0	751	26.46	1.654	0.003	11.48
9/30/2012 16:00	27923	4.758	295.3	60.19	13.52	3.469	291	59.61	11.74	92.8	80.9	43.42	42.95	0	686.9	26.44	1.651	-0.003	13.38
9/30/2012 17:00	27924	5.498	353.7	61.96	13.52	4.044	348.1	60.7	11.74	96.8	82.2	39.99	39.5	0	631.6	26.42	1.654	0.003	11.38
9/30/2012 18:00	27925	5.08	7.072	58.51	9.95	3.678	0.493	52.97	9.95	97.4	80.7	39.28	39.44	0	323.9	26.4	1.651	-0.003	16.49
9/30/2012 19:00	27926	5.381	311.9	19.54	9.95	4.104	313	20.61	9.95	97.1	79.42	39.14	40.3	0	169.7	26.38	1.651	0	13.85
9/30/2012 20:00	27927	3.983	254.1	80.2	8.16	2.069	281.1	65.64	6.368	92.8	74.42	51.22	53.5	0	16.1	26.37	1.655	0.003	11.42
9/30/2012 21:00	27928	3.826	126.1	33.77	6.368	1.114	88.6	21.14	4.578	89.1	69.56	61.09	65.29	0	0.026	26.35	1.649	-0.006	16.94
9/30/2012 22:00	27929	14.25	45.59	53.59	36.78	8.49	15.6	32.8	26.05	85.6	66.63	59.03	61.77	0.03	0.022	26.37	1.649	0	16.79
9/30/2012 23:00	27930	16.54	315.5	9.59	31.42	12.41	315.4	10.68	26.05	78.99	60.33	75.14	75.24	0.02	0.006	26.4	1.649	0	11.13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/1/2012 0:00	27931	16.9	259.3	32.48	33.21	10.74	256.8	35.3	22.47	79.58	60.19	74.18	74.86	0.04	0.012	26.35	1.652	0.003	15.69
10/1/2012 1:00	27932	7.47	298.5	69.67	18.89	4.845	302.6	62.68	13.52	80.4	60.6	70.76	71.31	0	0.013	26.3	1.649	-0.003	16.84
10/1/2012 2:00	27933	7.028	15.64	11.37	11.74	4.26	13.08	17.71	9.95	81.2	61.51	68.53	69.5	0	0.02	26.31	1.649	0	11.62
10/1/2012 3:00	27934	5.921	346.5	28.79	9.95	3.045	344.5	32.16	8.16	79.27	59.12	73.23	74.81	0	0.019	26.33	1.649	0	16.91
10/1/2012 4:00	27935	7.384	351.3	30.9	15.31	4.591	349.2	31.82	11.74	78.57	58.46	74.52	75.12	0	0.008	26.33	1.649	0	16.65
10/1/2012 5:00	27936	4.048	294.8	27.79	8.16	1.439	286.3	23.69	4.578	76.15	55.48	82.2	82.5	0	0.008	26.31	1.649	0	16.41
10/1/2012 6:00	27937	7.291	310.4	12.1	13.52	4.268	313.6	9.32	9.95	75.86	55.27	83.3	86.3	0	0.006	26.3	1.649	0	14.99
10/1/2012 7:00	27938	9.99	319.4	7.13	13.52	7.137	318.1	8.95	11.74	76.71	56.41	80.4	81.3	0	0.007	26.3	1.653	0.003	11.58
10/1/2012 8:00	27939	7.234	313.5	10.88	11.74	4.649	310	14.41	8.16	75.43	55.11	83	82.6	0	2.676	26.32	1.649	-0.003	16.93
10/1/2012 9:00	27940	4.138	330.4	47.04	8.16	2.466	313.3	36.1	6.368	77.48	56.75	81	80.9	0	106	26.34	1.649	0	16.35
10/1/2012 10:00	27941	10.7	349.3	12.14	22.47	7.47	344.1	15.34	17.1	84.5	64.2	65.66	63.83	0	308.5	26.38	1.649	-0.001	16.8
10/1/2012 11:00	27942	15.36	5.748	10.5	26.05	10.29	1.955	14.97	20.68	89.9	69.59	51.34	50.76	0	515.3	26.43	1.652	0.003	16.46
10/1/2012 12:00	27943	16.95	10.85	11.09	26.05	11.14	8.68	15.29	22.47	93.1	73.09	43.86	43.61	0	679.7	26.46	1.651	0	11.54
10/1/2012 13:00	27944	18.98	9.12	10.91	29.63	12.91	5.519	14.8	22.47	95.5	75.69	38.41	38.21	0	788.2	26.48	1.651	0	11.36
10/1/2012 14:00	27945	19.45	18.58	13.12	29.63	12.85	14.94	16.15	26.05	96.6	77.24	34.52	34.14	0	838	26.48	1.651	0	14.86
10/1/2012 15:00	27946	16.91	16.02	14.22	27.84	11.38	12.35	17.28	22.47	97.6	78.67	33.01	32.49	0	788.3	26.47	1.651	0	15.24
10/1/2012 16:00	27947	17.98	19.68	15.81	33.21	11.76	16.08	18.75	27.84	98	79	30.43	30.04	0	695.6	26.47	1.651	0	15.53
10/1/2012 17:00	27948	18.4	21.59	13.34	31.42	12.03	18.1	16.02	26.05	97.8	78.75	29.59	29.14	0	564.8	26.46	1.651	0	11.52
10/1/2012 18:00	27949	17.58	17.35	13.52	29.63	11.71	13.31	15.93	24.26	96.9	78.01	32.64	32.02	0	380.1	26.45	1.651	0	16.11
10/1/2012 19:00	27950	17.53	35.19	13.07	29.63	10.23	30.6	15.19	22.47	94.2	75.34	38.3	37.55	0	171.9	26.45	1.651	0	11.43
10/1/2012 20:00	27951	12.76	44.47	11.19	22.47	6.822	38.84	15.54	17.1	90.5	71.69	44.86	44.39	0	18.67	26.44	1.652	0	12.1
10/1/2012 21:00	27952	7.621	51.21	9.52	13.52	4.132	48.02	15.64	8.16	86.4	67.12	52.79	52.71	0	0.023	26.43	1.652	0	11.14
10/1/2012 22:00	27953	8.84	50.89	8.84	15.31	4.759	46.75	15.7	9.95	84.5	65.08	55.34	55.07	0	0.017	26.44	1.655	0.003	15.51
10/1/2012 23:00	27954	8.09	51.56	8.65	13.52	4.325	48.03	15.33	8.16	82.2	62.49	60.84	60.22	0	0.012	26.44	1.652	-0.003	11.48
10/2/2012 0:00	27955	6.764	53.04	7.978	11.74	3.827	52.75	14.78	8.16	81.2	61.27	63.94	63.33	0	0.011	26.43	1.655	0.003	15.37
10/2/2012 1:00	27956	4.442	62.15	8.3	8.16	1.508	70.85	12.47	6.368	80.7	59.8	65.89	68.28	0	0.009	26.42	1.649	-0.006	11.63
10/2/2012 2:00	27957	3.179	48.27	10.1	6.368	0.776	61.99	7.79	2.789	80.4	59.04	67.29	72.57	0	0.004	26.41	1.652	0.003	11.54
10/2/2012 3:00	27958	4.248	27.54	13.84	6.368	1.538	21.92	15.44	4.578	81.1	61.02	66.55	66.57	0	0.01	26.42	1.649	-0.003	11.62
10/2/2012 4:00	27959	3.754	336	35.83	8.16	1.828	334.6	28.28	6.368	80.2	60.31	71.05	70.26	0	0.015	26.42	1.649	0	11.65
10/2/2012 5:00	27960	4.758	340.4	15.17	8.16	2.802	333.5	15.58	6.368	79.33	59.3	71.89	71.33	0	0.009	26.43	1.649	0	11.68
10/2/2012 6:00	27961	4.274	340.7	11.43	6.368	2.525	330.9	11.87	4.578	79.15	59.08	72.44	71.6	0	0.005	26.43	1.652	0.003	11.56
10/2/2012 7:00	27962	4.801	16.46	13.7	8.16	2.539	8.39	21.06	6.368	78.77	58.53	71.77	71.21	0	0.005	26.43	1.649	-0.003	16.72
10/2/2012 8:00	27963	1.975	336.3	28.76	8.16	0.311	322.8	14.58	4.578	76.07	55.01	78.18	78.63	0	1.922	26.42	1.649	0	11.66
10/2/2012 9:00	27964	3.858	34.56	12.98	8.16	0.932	36.2	9	4.578	78.43	57.53	74.89	74.66	0	104.8	26.42	1.649	0	16.52
10/2/2012 10:00	27965	5.714	77.21	20.42	11.74	3.729	71.33	26.28	8.16	83.4	63.89	59.53	56.76	0	303.7	26.45	1.649	-0.001	12.52
10/2/2012 11:00	27966	6.271	114.5	29.39	9.95	4.289	108.8	38.66	8.16	86.3	67.57	50.28	47.91	0	511	26.49	1.652	0.003	11.62
10/2/2012 12:00	27967	5.73	201.9	33.68	11.74	4.246	206.5	35.23	9.95	89	70.33	46.58	44.65	0	678.8	26.52	1.651	0	15.58
10/2/2012 13:00	27968	5.625	210.5	44.48	13.52	4.29	216.7	44.37	11.74	90.7	72.19	43.98	42.55	0	790.7	26.52	1.655	0.003	11.54
10/2/2012 14:00	27969	6.839	220.3	26.45	17.1	5.306	223.5	28.17	11.74	91.7	73.97	43.57	41.99	0	839	26.5	1.651	-0.003	11.6
10/2/2012 15:00	27970	7.927	201	24.54	15.31	5.929	206.7	27.67	11.74	92.9	75.57	41.69	39.91	0	821	26.46	1.651	0	11.99
10/2/2012 16:00	27971	8.8	201.3	23.54	18.89	6.358	204	28.8	13.52	94.1	76.7	40.25	38.5	0	735.6	26.43	1.654	0.003	16.01
10/2/2012 17:00	27972	9.77	197.5	18.34	18.89	6.854	199.7	22.93	15.31	94.7	77.48	40.35	38.36	0	592.7	26.41	1.655	0	13.87
10/2/2012 18:00	27973	9.73	191.6	14.33	17.1	6.593	194.8	19.09	13.52	95.1	77.82	39.85	38.18	0	405.3	26.38	1.651	-0.003	11.51
10/2/2012 19:00	27974	9.8	179.4	12	18.89	6.071	182.4	18.75	13.52	94.2	76.67	40.26	39.32	0	192.6	26.36	1.651	0	11.53
10/2/2012 20:00	27975	7.36	162.5	11.68	11.74	3.547	162.5	19.47	8.16	89.9	70.93	47.19	48.3	0	19.68	26.33	1.648	-0.003	16.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/2/2012 21:00	27976	7.417	149.2	6.037	9.95	3.144	145.9	13.92	6.368	85.2	65.21	57.24	59.19	0	0.012	26.31	1.652	0.004	16.31
10/2/2012 22:00	27977	7.89	139	7.341	15.31	3.885	137.5	16.81	9.95	82.8	63.14	63.45	63.9	0	0.007	26.29	1.649	-0.003	14.37
10/2/2012 23:00	27978	9.62	150.8	9.28	15.31	5.175	151.8	16.93	11.74	82.5	63.28	63.77	62.85	0	0.009	26.29	1.649	0	14.51
10/3/2012 0:00	27979	8.81	149.9	8.55	13.52	4.661	150.2	16.65	8.16	80.9	61.58	67.92	66.87	0	0.008	26.28	1.652	0.003	13.45
10/3/2012 1:00	27980	8.26	149	9.3	15.31	4.311	150.2	17.51	9.95	79.76	60.14	68.47	67.83	0	0.006	26.27	1.655	0.003	16.02
10/3/2012 2:00	27981	7.363	153.5	9.06	13.52	3.663	155.2	16.67	8.16	78.7	58.97	70.02	69.17	0	0.004	26.25	1.652	-0.003	11.61
10/3/2012 3:00	27982	4.358	158	14.21	8.16	0.644	155.9	11.54	4.578	76.95	56.42	72.99	73.46	0	0.003	26.24	1.653	0	15.84
10/3/2012 4:00	27983	3.076	133.9	19.61	6.368	0.148	105.6	10.66	2.789	75.73	55.03	75.76	76.65	0	0.001	26.22	1.649	-0.003	16.63
10/3/2012 5:00	27984	3.778	122.8	24.89	6.368	0.931	72.96	7.635	4.578	75.66	54.62	75.24	77.24	0	0.001	26.2	1.649	0	11.73
10/3/2012 6:00	27985	4.15	124.9	13.5	6.368	0.815	86.8	9.83	2.789	75.59	54.13	74.41	77.46	0	0.003	26.2	1.653	0.003	11.67
10/3/2012 7:00	27986	4.262	118.3	9.39	6.368	1.175	75.52	7.042	2.789	75.23	53.81	74.04	77.15	0	0.001	26.2	1.649	-0.003	13.14
10/3/2012 8:00	27987	3.257	137.8	14.98	4.578	0.172	85	3.721	2.789	74.7	53.39	74.69	76.75	0	2.439	26.19	1.649	0	11.25
10/3/2012 9:00	27988	2.934	150.5	22.81	8.16	0.489	163.9	18.81	6.368	77.45	57.1	73.24	72.17	0	111.9	26.2	1.653	0.003	11.67
10/3/2012 10:00	27989	6.524	200.4	18.53	11.74	4.685	203.7	21.22	9.95	81.9	62.49	69.24	65.62	0	323.7	26.26	1.652	-0.001	11.72
10/3/2012 11:00	27990	8.34	213.2	12.72	13.52	6.087	214.5	16	11.74	85.8	66.89	61.79	58.33	0	529.3	26.32	1.652	0	16.25
10/3/2012 12:00	27991	6.798	220.1	18.45	11.74	5.287	220.7	21.54	9.95	91	72.09	53.06	50.71	0	696.7	26.35	1.651	0	11.66
10/3/2012 13:00	27992	6.641	228.7	22.2	11.74	5.21	228.1	25.65	11.74	96.3	77.99	43.6	42.37	0	815	26.37	1.654	0.003	16.09
10/3/2012 14:00	27993	7.691	237.3	23.69	13.52	6.051	236.9	25.33	13.52	101.7	84	32.49	32.42	0	866	26.37	1.654	0	16.17
10/3/2012 15:00	27994	8.54	254.5	29.71	18.89	6.799	254.1	31.61	15.31	106.4	88.5	18.79	20.08	0	851	26.36	1.651	-0.003	15.23
10/3/2012 16:00	27995	10.8	276.5	18.37	20.68	8.6	275.4	22.62	17.1	108.4	90.5	10.75	12.64	0	767.8	26.35	1.651	0	16.49
10/3/2012 17:00	27996	9.57	258.6	19.76	20.68	7.703	255.7	22.4	17.1	109.2	91.3	8.84	11.08	0	620.8	26.34	1.651	0	15.04
10/3/2012 18:00	27997	6.808	257.3	27.63	17.1	5.293	255.4	28.95	13.52	109.9	91.8	7.833	10.18	0	413.4	26.34	1.651	0	16.49
10/3/2012 19:00	27998	8.51	250.3	13.75	15.31	6.48	247.6	14.38	13.52	108.3	89.9	9.85	12.81	0	199.5	26.33	1.651	0	16.32
10/3/2012 20:00	27999	7.009	223.1	7.614	11.74	3.383	221.4	12.65	8.16	101.2	81.4	17.13	21.46	0	17.95	26.32	1.651	0	11.31
10/3/2012 21:00	28000	8.15	189.5	12.71	15.31	3.632	181.1	17.11	8.16	93.9	73.23	33.39	37.35	0	0.015	26.3	1.652	0	11.39
10/3/2012 22:00	28001	7.336	185.6	8.85	11.74	3.374	182.3	16.46	9.95	90.8	71.06	43.98	46.57	0	0.015	26.3	1.652	0	15.77
10/3/2012 23:00	28002	7.513	197.1	35.49	17.1	3.995	197.8	41.25	9.95	89.3	70.05	45.81	47.81	0	0.012	26.3	1.652	0	12.84
10/4/2012 0:00	28003	8.68	196.2	19.3	20.68	5.108	199.3	23.51	15.31	87.5	68.8	52.75	52.87	0	0.007	26.3	1.649	-0.003	13.06
10/4/2012 1:00	28004	5.607	204.5	20.1	11.74	2.6	215.2	21.22	8.16	84.3	64.7	61.98	62.81	0	0.003	26.3	1.649	0	16.22
10/4/2012 2:00	28005	4.426	223.9	24.11	9.95	1.758	242.7	34.96	6.368	81.8	61.81	68.41	69.8	0	0.003	26.3	1.649	0	11.09
10/4/2012 3:00	28006	5.077	229.4	16.77	8.16	1.475	255.4	16.97	4.578	80.4	58.92	71.48	75.17	0	0.002	26.29	1.652	0.003	11.56
10/4/2012 4:00	28007	4.842	253.2	15.99	6.368	1.088	273.4	22.91	4.578	78.69	57.08	76.21	79.8	0	0.001	26.28	1.653	0	11.55
10/4/2012 5:00	28008	5.192	242.9	20.57	8.16	1.652	251.7	34.71	4.578	77.4	56.33	77.93	81	0	0.001	26.28	1.649	-0.003	11.12
10/4/2012 6:00	28009	5.01	250.8	16.79	8.16	1.96	279.4	20.51	4.578	76.59	55.47	79.08	82.5	0	0	26.29	1.653	0.003	16.02
10/4/2012 7:00	28010	10.43	321.1	53.42	26.05	6.251	337.2	37.22	20.68	79.28	58.75	64.78	68.51	0	0.001	26.32	1.653	0	12.31
10/4/2012 8:00	28011	13.15	13.12	13.46	24.26	9.03	9.56	15.36	20.68	76.84	58.54	53.26	52.25	0	2.153	26.38	1.649	-0.003	11.21
10/4/2012 9:00	28012	16.8	13.88	11.12	29.63	11.77	12.02	12.66	27.84	74.18	56.01	56.11	54.26	0	58.59	26.41	1.649	0	11.73
10/4/2012 10:00	28013	20.77	16.8	11.27	31.42	14.2	13.41	13.72	27.84	75.24	56.92	53.6	51.17	0	307.2	26.46	1.652	0.003	13.41
10/4/2012 11:00	28014	20.28	13.07	11.43	29.63	13.95	9.61	14.62	26.05	76.82	58.65	51.55	48.89	0	510.7	26.5	1.649	-0.003	11.41
10/4/2012 12:00	28015	18.93	16.65	11.84	31.42	12.99	13.59	14.16	24.26	79.29	61.35	50.78	47.82	0	681.7	26.54	1.652	0.003	13.98
10/4/2012 13:00	28016	15.25	14.67	14.37	24.26	10.5	10.74	17.66	22.47	82.3	64.77	48.31	45.35	0	791.2	26.58	1.652	0	12.09
10/4/2012 14:00	28017	10.42	23.31	19.63	18.89	6.844	18.1	22.95	15.31	85.3	68.25	45.67	43.03	0	838	26.6	1.651	0	16.67
10/4/2012 15:00	28018	8.78	21.23	25.1	17.1	5.96	17.15	27.14	13.52	87.5	70.62	43.24	40.84	0	818	26.59	1.651	0	11.41
10/4/2012 16:00	28019	7.266	19.38	24.55	13.52	5.025	13.23	29.54	13.52	90	72.85	40.6	38.69	0	731.5	26.58	1.651	0	11.34
10/4/2012 17:00	28020	6.608	25.58	34.61	15.31	4.723	16.06	39.59	13.52	91.3	73.9	38.6	37.09	0	587.2	26.57	1.651	0	11.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/4/2012 18:00	28021	6.866	52.65	32.87	11.74	4.585	48.8	35.58	9.95	91.5	74.66	37.6	36.35	0	399.9	26.55	1.651	0	13.41
10/4/2012 19:00	28022	6.627	89.6	17.74	11.74	4.339	87.6	26.18	8.16	90.1	73.46	38.28	37.75	0	186.7	26.53	1.651	0	11.53
10/4/2012 20:00	28023	6.64	99.2	8.99	9.95	3.592	97.3	18.38	8.16	85.3	67.47	45.05	46	0	16.61	26.5	1.649	-0.003	11.55
10/4/2012 21:00	28024	6.921	94.3	6.253	9.95	3.61	90.3	15.43	6.368	80.1	61.56	55.4	56.74	0	0.006	26.47	1.649	0	11.61
10/4/2012 22:00	28025	6.989	96.6	6.277	9.95	3.72	89.3	15.61	6.368	77.94	59.32	61.29	62.11	0	0.002	26.45	1.652	0.003	11.49
10/4/2012 23:00	28026	7.941	114.1	7.892	11.74	4.039	111.4	19.56	8.16	76.75	58.16	67.17	67.02	0	0.003	26.44	1.652	0	11.59
10/5/2012 0:00	28027	7.217	103.2	13.05	9.95	3.832	98.1	21.84	6.368	75.17	56.83	73.63	72.48	0	0.003	26.44	1.656	0.003	16.27
10/5/2012 1:00	28028	8.26	101.6	9.31	13.52	4.757	96.6	19.13	9.95	73.79	55.72	78.73	76.7	0	0.003	26.42	1.649	-0.006	15.31
10/5/2012 2:00	28029	9.3	107.6	8.6	13.52	5.145	103.6	21.01	9.95	72.59	54.75	83.1	80.5	0	0.002	26.41	1.656	0.006	15.81
10/5/2012 3:00	28030	8.49	95.4	10.95	13.52	5.07	92.5	20.45	9.95	71.08	53.26	86.7	84.5	0	0.001	26.4	1.649	-0.006	11.75
10/5/2012 4:00	28031	9.46	91	9.2	13.52	5.789	88.8	18.56	9.95	70.01	52.18	86.9	85.9	0	0.001	26.38	1.649	0	11.61
10/5/2012 5:00	28032	9.46	87.4	11.98	15.31	5.726	83.6	20.24	9.95	68.76	50.96	87.2	86.9	0	0.001	26.36	1.653	0.003	11.7
10/5/2012 6:00	28033	10.15	67.09	9.91	17.1	6.113	63.23	18.02	11.74	67.38	49.81	88.1	87.7	0	0	26.36	1.653	0	11.8
10/5/2012 7:00	28034	9.31	62.96	9.96	15.31	5.627	59.16	17.63	11.74	66.55	49.01	88.7	88.9	0	0	26.36	1.653	0	11.63
10/5/2012 8:00	28035	10.81	64.83	9.3	17.1	6.584	61.82	17.28	11.74	65.6	48.11	88.5	89.1	0	2.042	26.36	1.649	-0.003	11.67
10/5/2012 9:00	28036	11.59	66.38	10.76	17.1	7.052	61.81	17.81	11.74	67.07	49.37	86.2	86.3	0	90.2	26.37	1.653	0.003	14.97
10/5/2012 10:00	28037	12.2	77.19	10.55	18.89	7.615	71.57	19.49	15.31	71.1	53.75	82.7	78.03	0	275.9	26.4	1.653	0	11.66
10/5/2012 11:00	28038	10.56	70.4	12.53	18.89	6.825	64.71	20.96	11.74	72.42	55.45	83.5	77.42	0	261.5	26.44	1.652	0	11.69
10/5/2012 12:00	28039	7.806	72.77	16.52	11.74	5.29	67.22	24.18	9.95	75.84	58.84	80.1	74.15	0	362.9	26.45	1.652	0	11.67
10/5/2012 13:00	28040	5.698	110.2	33.19	11.74	4.218	108.6	45.6	9.95	81.9	65.25	69.32	64.61	0	772	26.48	1.652	0	11.67
10/5/2012 14:00	28041	5.494	123	43.57	11.74	3.935	124.6	55.68	9.95	87.1	70.83	58.23	54.88	0	836	26.5	1.651	0	16.24
10/5/2012 15:00	28042	5.958	140.5	34.5	13.52	4.258	141.5	48.13	9.95	90.8	75.19	50.84	47.89	0	814	26.48	1.651	0	16.17
10/5/2012 16:00	28043	7.202	146.8	35.74	15.31	5.045	150.4	45.18	13.52	93.6	78.17	47.45	44.67	0	726.1	26.46	1.654	0.003	15.48
10/5/2012 17:00	28044	8.88	154.3	22.08	17.1	5.93	157.6	30.84	13.52	96.1	80.8	44.38	41.85	0	583.8	26.44	1.651	-0.003	11.47
10/5/2012 18:00	28045	11.05	133.8	15.45	18.89	6.756	135.4	23.72	13.52	95.8	80.6	46.84	44.26	0	393.8	26.42	1.651	0	11.19
10/5/2012 19:00	28046	12.16	123	10.89	18.89	7.137	123.8	21.56	13.52	93.8	78.11	50.97	48.94	0	180.1	26.4	1.651	0	16.46
10/5/2012 20:00	28047	11.18	97.5	15.14	17.1	6.771	95.5	24	13.52	88.2	71.61	59.88	58.26	0	14.34	26.37	1.652	0	11.03
10/5/2012 21:00	28048	13.12	85.5	8.27	22.47	7.979	82.5	18.22	15.31	82.3	65.47	71.23	68.58	0	0.015	26.35	1.652	0	11.77
10/5/2012 22:00	28049	14.32	86.6	9.11	24.26	8.88	84.6	18.32	17.1	78.64	61.83	77.19	74.08	0	0.008	26.36	1.649	-0.003	16.78
10/5/2012 23:00	28050	12.88	85.9	9.99	22.47	7.739	83.4	20.15	15.31	76.92	60.01	81.6	78.3	0	0.006	26.36	1.649	0	13.1
10/6/2012 0:00	28051	18.02	84.4	9.05	29.63	10.66	81.6	18.98	22.47	75.02	58.14	81.6	78.31	0	0.006	26.36	1.649	0	11.64
10/6/2012 1:00	28052	20.6	83.5	8.13	40.36	12.16	80.2	18.6	22.47	73.34	56.5	82.1	78.53	0	0.005	26.35	1.649	0	11.65
10/6/2012 2:00	28053	19	76.89	10.08	29.63	11.21	73.01	19.6	22.47	72.36	55.74	81.7	77.78	0	0.003	26.34	1.652	0.003	15.94
10/6/2012 3:00	28054	18.1	73.97	9.74	29.63	10.67	69.99	19.54	22.47	71.64	55.1	81.8	77.8	0	0.003	26.35	1.656	0.003	15.63
10/6/2012 4:00	28055	19.1	65.69	9.22	29.63	11.66	61.22	17.28	24.26	70.19	53.81	78.87	74.83	0	0.005	26.35	1.649	-0.006	11.74
10/6/2012 5:00	28056	17.48	59.17	8.98	26.05	10.43	55.08	16.66	20.68	66.88	50.65	87.2	82.6	0	0.002	26.35	1.653	0.003	15.84
10/6/2012 6:00	28057	18.34	51.53	10.79	29.63	10.08	45.01	16.86	22.47	64.86	48.32	89.8	87.3	0	0	26.36	1.649	-0.003	15.95
10/6/2012 7:00	28058	19.3	45.36	9.14	29.63	10.11	37.72	13.66	20.68	62.96	46.05	89.5	89.2	0	0	26.38	1.649	0	11.6
10/6/2012 8:00	28059	16.32	42.59	9.62	26.05	8.7	36.82	13.26	17.1	65.01	44.31	89	89.8	0	0.52	26.4	1.65	0	16.2
10/6/2012 9:00	28060	16.26	43.67	13.52	27.84	9.14	38.64	16.46	20.68	65.48	43.57	84.7	86.1	0	21.38	26.41	1.653	0.003	11.63
10/6/2012 10:00	28061	16.63	61.53	10.25	27.84	9.89	56.6	17.79	18.89	65.66	44.24	77.66	75.15	0	67.52	26.42	1.65	-0.003	11.69
10/6/2012 11:00	28062	15.84	74.31	11.9	24.26	9.62	69.44	20.91	18.89	65.62	45.76	69.58	65.83	0	155.9	26.42	1.653	0.003	11.67
10/6/2012 12:00	28063	10.77	71.98	14.88	18.89	6.811	67.17	22.63	17.1	67.93	48.73	62.71	58.79	0	268.7	26.43	1.649	-0.003	11.74
10/6/2012 13:00	28064	8.35	74.76	17.2	15.31	5.512	69.87	27.43	11.74	71.79	53.04	57.77	53.59	0	436.3	26.45	1.652	0.003	15.82
10/6/2012 14:00	28065	7.993	76.7	24.61	15.31	5.235	72.29	31.54	13.52	71.96	55.06	54.54	50.94	0	377	26.45	1.649	-0.004	11.73

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/6/2012 15:00	28066	6.3	65.66	21.73	13.52	4.3	58.99	28.75	9.95	73.07	56.78	52.09	49.18	0	373.1	26.44	1.652	0.003	16.29
10/6/2012 16:00	28067	6.392	60.03	25.54	13.52	4.347	53.27	30.43	11.74	74.45	58.6	50.43	47.7	0	455.1	26.43	1.652	0	11.68
10/6/2012 17:00	28068	9.43	70.23	18.96	18.89	6.018	63.9	25.78	13.52	74.29	59.48	50.27	47.01	0	436.6	26.42	1.649	-0.003	16.61
10/6/2012 18:00	28069	11.2	76.97	15.81	18.89	7.069	71.72	23.93	13.52	72.4	57.26	51.74	48.92	0	196.5	26.41	1.655	0.006	14.95
10/6/2012 19:00	28070	13.38	69.24	10.83	18.89	8.23	65.42	19.75	15.31	69.9	54.74	52.69	50.22	0	113.2	26.4	1.652	-0.003	15.82
10/6/2012 20:00	28071	14.5	70.59	8.98	22.47	8.84	65.92	18.36	17.1	65.86	51.02	54.03	52.01	0	12.2	26.4	1.649	-0.003	16.67
10/6/2012 21:00	28072	15.17	71.44	8.44	24.26	9.11	67.01	18.09	18.89	64.03	48.29	56.46	54.26	0	0.001	26.41	1.649	0	14.75
10/6/2012 22:00	28073	15.4	72.7	8.82	26.05	9.3	66.53	18.52	18.89	62.35	46.56	58.82	56.33	0	0	26.43	1.653	0.003	11.69
10/6/2012 23:00	28074	15.83	72.57	9.86	26.05	9.53	67.35	19.06	18.89	61.32	45.64	58.73	56.23	0	0	26.44	1.65	-0.003	12.1
10/7/2012 0:00	28075	16.2	63.87	9.26	26.05	10.05	60.66	17.02	20.68	60.02	44.39	58.49	55.96	0	0	26.45	1.65	0	11.3
10/7/2012 1:00	28076	15.41	60.6	9.29	33.21	9.22	55.66	17.51	24.26	59.2	43.79	56.3	53.8	0	0	26.46	1.65	0	12.85
10/7/2012 2:00	28077	15.07	56.63	11.1	24.26	8.79	51.35	17.69	17.1	58.42	43.16	55.4	52.87	0	0	26.46	1.65	0	14.72
10/7/2012 3:00	28078	14.74	62.29	10.91	24.26	8.89	57.4	17.94	17.1	57.49	42.31	54.14	51.72	0	0	26.47	1.65	0	13.86
10/7/2012 4:00	28079	14.26	58.83	10.89	22.47	8.51	53.66	18.14	17.1	57	41.88	54.24	51.77	0	0	26.46	1.65	0	14.63
10/7/2012 5:00	28080	15.21	65.38	9.07	22.47	9.32	61.32	17.67	17.1	56.08	40.99	50.05	48.08	0	0	26.44	1.65	0	11.77
10/7/2012 6:00	28081	13.29	65.74	10.28	22.47	8.14	61.28	17.8	17.1	55.12	40.17	50.05	47.9	0	0	26.44	1.653	0.003	15.71
10/7/2012 7:00	28082	10.75	66.49	12.4	17.1	6.657	62.26	19.65	13.52	54.55	39.77	53.39	50.97	0	0	26.45	1.653	0	11.71
10/7/2012 8:00	28083	9.45	76.2	11.49	15.31	5.893	72.62	20.7	11.74	54.45	39.7	54.97	52.5	0	0.616	26.45	1.65	-0.003	11.75
10/7/2012 9:00	28084	7.773	73	12.67	11.74	4.979	69.08	21.36	9.95	54.67	40	55.65	53.04	0	26.1	26.46	1.65	0	11.32
10/7/2012 10:00	28085	6.547	79.6	14.58	11.74	4.335	74.6	23.12	8.16	55.86	41.31	54.97	52.18	0	89.4	26.47	1.65	0	11.71
10/7/2012 11:00	28086	5.493	101.2	28.02	9.95	3.752	98.9	37.12	8.16	58.35	43.57	51.69	49.15	0	196.8	26.49	1.65	0	12.23
10/7/2012 12:00	28087	6.128	132.2	26.28	11.74	4.173	134.1	34.46	9.95	59.56	45.2	52.1	49.07	0	238.1	26.49	1.649	0	11.24
10/7/2012 13:00	28088	6.532	124.6	24.79	15.31	4.444	123.1	34.25	17.1	61.59	47.38	51.33	48.08	0	372.5	26.49	1.649	0	11.7
10/7/2012 14:00	28089	5.294	118.4	39.2	11.74	3.752	122.6	47.23	9.95	64.83	50.35	48.4	45.62	0	457.1	26.48	1.649	0	11.26
10/7/2012 15:00	28090	5.271	113.1	44.97	11.74	3.764	106.2	50.82	9.95	66.08	51.49	48.01	45.35	0	427.8	26.47	1.652	0.003	12.09
10/7/2012 16:00	28091	6.296	114.8	34.7	11.74	4.337	115.3	45.58	9.95	66.62	52.23	48.91	46.07	0	383.9	26.45	1.652	0	11.71
10/7/2012 17:00	28092	5.83	98.9	33.08	13.52	4.089	93.6	43.57	9.95	67.87	53.31	48.28	45.58	0	382.2	26.45	1.652	0	11.86
10/7/2012 18:00	28093	7.439	92.9	23.24	13.52	5.012	88.4	31.66	11.74	66.54	52.08	50.4	47.71	0	196.8	26.43	1.649	-0.003	12.12
10/7/2012 19:00	28094	8.53	92.9	17.24	13.52	5.657	90.1	26.17	11.74	65.76	51.09	50.6	48.16	0	148.3	26.42	1.652	0.003	11.69
10/7/2012 20:00	28095	8.35	93.5	8.67	15.31	5.221	90.5	17.82	11.74	62.17	47.09	55.53	53.82	0	14.47	26.41	1.649	-0.003	15.66
10/7/2012 21:00	28096	7.024	93	7.504	11.74	4.129	89.7	17.2	6.368	58.43	43.15	62.22	60.76	0	0	26.4	1.653	0.003	16.11
10/7/2012 22:00	28097	6.927	89.5	7.53	9.95	3.838	89.1	17.12	6.368	56.26	41.05	66.76	65.1	0	0	26.4	1.653	0	15.65
10/7/2012 23:00	28098	6.449	93.6	8.25	9.95	3.322	89.3	18.14	6.368	54.64	39.32	69.99	68.77	0	0	26.41	1.65	-0.003	13.39
10/8/2012 0:00	28099	6.204	94.7	10.5	8.16	3.04	86.7	17.02	6.368	53.98	38.54	71.46	70.73	0	0	26.39	1.65	0	11.71
10/8/2012 1:00	28100	6.228	93.5	10.15	9.95	3.05	85.9	16.62	6.368	53.42	38.09	72.1	71.42	0	0	26.39	1.65	0	11.79
10/8/2012 2:00	28101	5.785	82.5	8.72	8.16	2.918	74.21	15.8	6.368	52.77	37.7	72.99	71.86	0	0	26.38	1.65	0	11.38
10/8/2012 3:00	28102	5.83	81.8	7.84	8.16	2.799	72.52	15.23	6.368	52.46	37.26	73.78	73	0	0	26.37	1.65	0	16.54
10/8/2012 4:00	28103	6.092	94.9	7.881	8.16	2.645	86.9	13.62	4.578	51.21	36.07	76.19	74.97	0	0	26.37	1.65	0	11.74
10/8/2012 5:00	28104	6.234	111.4	7.991	9.95	2.194	102.4	17.37	4.578	50.94	35.83	77.28	76.48	0	0	26.35	1.65	0	11.86
10/8/2012 6:00	28105	4.481	118.4	8.66	8.16	0.91	101.6	10.61	4.578	50.35	35.4	78.93	77.41	0	0	26.35	1.65	0	15.77
10/8/2012 7:00	28106	2.728	208.7	74.79	4.578	0.429	307.3	11.03	4.578	50.03	34.59	79.96	79.18	0	0	26.35	1.647	-0.003	16.35
10/8/2012 8:00	28107	0.536	170.7	42.09	4.578	0.471	83.5	18.8	2.789	50.18	34.73	80.1	79.92	0	2.835	26.35	1.65	0.003	11.73
10/8/2012 9:00	28108	4.322	139.4	19.87	8.16	1.485	141.6	24.73	6.368	53.99	38.65	78.14	77.97	0	94.4	26.36	1.653	0.003	14.78
10/8/2012 10:00	28109	8.65	196.9	15.31	13.52	5.975	199.8	20.13	9.95	60.6	46.15	74.29	69.49	0	298.5	26.4	1.649	-0.004	16.51
10/8/2012 11:00	28110	10	201.2	13.59	17.1	7.184	203.9	18.03	13.52	64.07	49.99	69.46	63.97	0	512.2	26.45	1.652	0.003	11.82

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/8/2012 12:00	28111	11	198.5	15.39	18.89	7.736	201.3	18.97	15.31	67.94	53.71	65.34	59.48	0	672.9	26.47	1.652	0	16.39
10/8/2012 13:00	28112	10.64	196.6	17.95	18.89	7.576	199.9	22.86	15.31	70.91	56.85	61.09	55.53	0	782.7	26.47	1.652	0	14.8
10/8/2012 14:00	28113	11.7	195.1	15.57	18.89	8.22	198.5	19.88	15.31	74.66	60.98	55.85	50.57	0	828	26.46	1.652	0	11.77
10/8/2012 15:00	28114	12.22	187.2	14.97	20.68	8.29	190.4	20.34	15.31	78.43	64.82	50.72	46.23	0	790.1	26.43	1.658	0.006	14.92
10/8/2012 16:00	28115	12.82	187.4	14.54	20.68	8.62	190.4	19.33	15.31	81.8	67.87	46.97	43.23	0	716.3	26.41	1.651	-0.006	16.06
10/8/2012 17:00	28116	12.37	184.3	15.42	20.68	8.14	188.3	20.8	13.52	83.5	69.48	45.42	42.07	0	573.9	26.39	1.651	0	11.71
10/8/2012 18:00	28117	11.71	188.5	13.87	18.89	7.819	192	19.05	13.52	83.9	69.57	45.36	42.6	0	386	26.37	1.651	0	11.73
10/8/2012 19:00	28118	12.38	175	11.37	18.89	7.474	178.6	18.62	13.52	81.9	67.46	48.33	46.17	0	175.6	26.35	1.649	-0.003	16.62
10/8/2012 20:00	28119	9.12	184	8.06	17.1	5.194	186.7	15.05	11.74	76.57	61.61	56.24	54.73	0	13.06	26.33	1.649	0	13.27
10/8/2012 21:00	28120	5.972	166.2	11.39	9.95	2.074	163.6	20.12	6.368	71.14	54.95	66.33	66.36	0	0.003	26.3	1.649	0	11.53
10/8/2012 22:00	28121	7.207	191.2	7.054	11.74	3.538	194	12.71	6.368	69.39	53.76	70.68	70.26	0	0.002	26.28	1.649	0	16.74
10/8/2012 23:00	28122	6.844	212.2	7.813	9.95	3.525	213.9	11.78	6.368	68.8	53.38	72.08	71.47	0	0.002	26.27	1.653	0.003	14.76
10/9/2012 0:00	28123	5.799	205.8	6.434	8.16	2.31	209	10.31	4.578	68.28	52.33	73.28	73.52	0	0	26.26	1.653	0	16.15
10/9/2012 1:00	28124	4.77	229.7	10.66	8.16	1.403	246.7	16.63	4.578	67.19	50.57	75.3	76.69	0	0	26.25	1.649	-0.003	15.97
10/9/2012 2:00	28125	4.732	249.2	14.08	6.368	0.998	283.1	11.77	4.578	65.96	49.33	78.11	79.1	0	0.001	26.23	1.649	0	11.77
10/9/2012 3:00	28126	3.91	238.4	17.53	6.368	0.239	279.3	7.781	2.789	65.19	48.09	79.71	81.9	0	0	26.22	1.649	0	16.4
10/9/2012 4:00	28127	4.887	205.5	5.878	8.16	0.548	201.7	10.12	2.789	64.27	47.11	81.3	83.4	0	0	26.2	1.653	0.003	11.78
10/9/2012 5:00	28128	4.716	228.3	15.32	6.368	0.793	255.9	18.79	2.789	63.12	46.77	83.8	85.2	0	0	26.19	1.65	-0.003	11.25
10/9/2012 6:00	28129	5.29	260.9	12.54	8.16	1.952	267.9	18.97	6.368	62.34	46.32	85.9	87	0	0	26.19	1.653	0.003	15.88
10/9/2012 7:00	28130	4.868	265.2	17.2	6.368	1.061	278.3	20.83	4.578	62.23	45.94	86.9	88.8	0	0	26.2	1.65	-0.003	16.32
10/9/2012 8:00	28131	5.425	281.6	8.18	8.16	1.89	288.5	12.46	4.578	62.16	45.77	87.6	90.5	0	1.591	26.21	1.653	0.003	11.8
10/9/2012 9:00	28132	5.974	269.2	14.32	8.16	3.817	271.2	20.17	8.16	65.3	49.7	86.3	91.3	0	101.9	26.23	1.649	-0.004	15.73
10/9/2012 10:00	28133	6.955	233.5	10.79	11.74	5.419	232.3	13.61	9.95	71.01	56.25	79.12	77.79	0	306.6	26.29	1.649	0	11.8
10/9/2012 11:00	28134	7.635	252.9	14.88	11.74	6.248	250.4	17.48	9.95	79.74	64.83	61.28	58.98	0	513.8	26.35	1.652	0.003	15.96
10/9/2012 12:00	28135	11.05	290.2	21.69	20.68	8.86	289.7	24.26	18.89	92.6	77.76	31.44	31.6	0	685.9	26.39	1.651	0	16.24
10/9/2012 13:00	28136	13.16	301.3	11.99	18.89	10.7	301.1	14.79	17.1	97.3	83.1	21.67	22.02	0	812	26.42	1.654	0.003	11.7
10/9/2012 14:00	28137	10.25	282.1	20.1	18.89	8.08	279.7	23.47	17.1	99.7	86.3	15.46	16.21	0	842	26.42	1.651	-0.003	11.75
10/9/2012 15:00	28138	11.35	277.4	16.02	18.89	8.81	272.9	21.72	17.1	100.3	87.6	10.9	11.94	0	821	26.41	1.651	0	16.43
10/9/2012 16:00	28139	11.64	267.2	21.19	22.47	9.35	265.5	24.08	17.1	100.4	88.4	9.99	11.11	0	728.7	26.4	1.651	0	11.5
10/9/2012 17:00	28140	10.81	260.4	15.05	20.68	8.72	257.7	16.74	17.1	99.8	88.5	9.85	11.08	0	576.2	26.38	1.651	0	16.25
10/9/2012 18:00	28141	10.96	260	19.36	20.68	8.54	257.7	21.71	18.89	98.2	87.6	9.2	10.69	0	364.9	26.37	1.651	0	11.32
10/9/2012 19:00	28142	8.57	232.2	18.95	17.1	6.111	229.7	19.92	13.52	96.2	86.2	11.58	13.4	0	177.8	26.36	1.651	0	11.51
10/9/2012 20:00	28143	4.278	205.6	20.91	8.16	1.507	191.9	41.18	4.578	88.9	77.1	18.81	22.95	0	11.73	26.34	1.651	0	11.47
10/9/2012 21:00	28144	4.182	176.1	13.13	8.16	0.878	105.9	24.27	2.789	83.2	70.38	24.11	29.56	0	0.007	26.32	1.652	0	11.44
10/9/2012 22:00	28145	2.271	99.8	42.22	6.368	0.995	33.96	14.46	2.789	78.87	66.76	30.08	36.85	0	0.004	26.31	1.649	-0.003	11.3
10/9/2012 23:00	28146	3.973	136.2	43.65	9.95	1.391	88.3	30.64	6.368	78.2	65.67	33.39	38.75	0	0.004	26.32	1.652	0.003	16.2
10/10/2012 0:00	28147	4.596	205.2	9.23	6.368	0.686	230.5	6.52	2.789	75.03	62.99	45.08	47.84	0	0.004	26.32	1.652	0	12.3
10/10/2012 1:00	28148	4.379	192.2	15.78	11.74	1.013	192.7	16.33	4.578	71.88	60.38	58.45	59.87	0	0	26.31	1.652	0	11.57
10/10/2012 2:00	28149	5.359	217.1	10.38	8.16	1.399	232.7	13.98	4.578	70.9	59.2	63.86	67.16	0	0.001	26.3	1.649	-0.003	12.17
10/10/2012 3:00	28150	3.435	150.5	38.67	6.368	1.342	67.76	6.401	4.578	69.03	57.47	68.05	71.4	0	0.002	26.3	1.649	0	16.14
10/10/2012 4:00	28151	8.84	54	27.79	18.89	4.791	41.11	16.23	13.52	69.2	59.79	68.94	68.52	0	0.005	26.33	1.653	0.003	15.92
10/10/2012 5:00	28152	15.41	43.65	7.953	22.47	8.25	37.85	12.86	17.1	64.98	56.6	59.79	58.21	0	0.003	26.35	1.652	0	15.96
10/10/2012 6:00	28153	16.68	46.04	8.4	26.05	8.63	38.44	14.15	17.1	62.99	54.73	60.38	58.54	0	0.001	26.36	1.653	0	16.29
10/10/2012 7:00	28154	17.6	44.79	8.55	27.84	9.22	37.94	13.52	18.89	61	52.96	65.46	63.06	0	0.001	26.38	1.653	0	15.94
10/10/2012 8:00	28155	17.77	45.18	8.47	27.84	9.32	37.88	13.45	18.89	58.35	50.51	68.74	66.04	0	1.412	26.39	1.653	0	11.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/10/2012 9:00	28156	13.81	25.25	13.28	24.26	8.93	21.92	15.52	22.47	57.44	49.62	69.4	66.06	0	78.19	26.42	1.649	-0.003	12.88
10/10/2012 10:00	28157	15.4	22.92	10.85	26.05	10.35	19.51	13.14	22.47	58.44	50.87	69.81	65.93	0	187.2	26.45	1.653	0.003	11.72
10/10/2012 11:00	28158	13.9	27.68	11.47	22.47	8.59	24.46	14.32	18.89	60.51	53.06	69.16	65.05	0	242.7	26.48	1.652	0	15.96
10/10/2012 12:00	28159	11.88	28.4	13.18	18.89	7.686	24.84	17.03	17.1	62.86	55.42	67.88	63.61	0	331.7	26.51	1.652	0	11.66
10/10/2012 13:00	28160	10.15	40.01	15.9	18.89	6.289	35.17	19.4	13.52	65.8	58.69	66.93	62.16	0	479.6	26.52	1.652	0	11.66
10/10/2012 14:00	28161	8.26	44.79	20.17	15.31	5.219	39.37	24.53	13.52	68.23	61.47	65.18	60.36	0	445.6	26.53	1.652	0	12.56
10/10/2012 15:00	28162	6.039	57.98	29.59	13.52	4.127	51.59	38.9	9.95	73.09	66.27	58.97	55.3	0	724.2	26.51	1.652	0	13.86
10/10/2012 16:00	28163	6.16	96.9	41.23	11.74	4.405	90.8	49.09	9.95	76.47	69.99	55.36	52.14	0	689.7	26.51	1.651	0	15.76
10/10/2012 17:00	28164	6.996	113.4	28.89	13.52	4.832	111.6	40.38	11.74	77.13	71.3	55.02	51.62	0	532.1	26.5	1.651	0	11.42
10/10/2012 18:00	28165	8.9	133.2	16.83	15.31	5.737	137.2	25.13	13.52	76.58	71.18	56.06	52.34	0	353.1	26.48	1.651	0	16.22
10/10/2012 19:00	28166	8.54	129.1	14.75	13.52	5.107	129.8	23.32	9.95	75.01	69.14	57.84	55.15	0	139.8	26.46	1.652	0	11.65
10/10/2012 20:00	28167	7.156	139.2	9.68	11.74	3.585	138.4	16.02	8.16	70.38	63.27	66.17	64.64	0	5.241	26.44	1.649	-0.003	15.44
10/10/2012 21:00	28168	6.154	133.8	15.37	9.95	2.603	132.4	22.06	6.368	66.27	58.8	75.03	73.76	0	0.004	26.42	1.655	0.006	11.62
10/10/2012 22:00	28169	6.58	110.4	6.837	11.74	2.903	99.8	17.9	6.368	64.86	57.29	77.89	76.93	0	0.003	26.4	1.649	-0.006	15.77
10/10/2012 23:00	28170	7.518	115.5	7.116	11.74	3.784	114.4	18.67	6.368	63.61	56.68	80.2	78.25	0	0.002	26.4	1.652	0.003	11.66
10/11/2012 0:00	28171	9.15	116.9	8.3	15.31	5.158	117.3	20.2	9.95	63.33	56.93	80.5	77.47	0	0.005	26.4	1.652	0	13.46
10/11/2012 1:00	28172	7.162	99.1	8.51	15.31	4.205	95.8	19.01	8.16	60.88	54.46	84.7	81.5	0	0.002	26.4	1.649	-0.003	11.77
10/11/2012 2:00	28173	6.242	93.7	8.19	11.74	3.779	89.9	17.63	8.16	60.72	54.45	85.8	82.7	0	0.002	26.38	1.653	0.003	15.85
10/11/2012 3:00	28174	9.57	86.4	8.44	15.31	5.751	83.5	18.29	9.95	61.81	55.64	84.6	80.8	0	0.005	26.37	1.652	0	16
10/11/2012 4:00	28175	7.458	95.4	10.3	13.52	4.612	91.8	20.59	9.95	63.27	56.9	84.1	80.3	0	0.004	26.37	1.649	-0.003	14.2
10/11/2012 5:00	28176	8.19	90.8	10.48	13.52	5.201	88.5	19.49	9.95	63.33	56.98	84.6	80.6	0	0.007	26.36	1.649	0	16.22
10/11/2012 6:00	28177	8.14	90.7	9.83	13.52	4.955	87.8	19.51	9.95	63.4	56.95	85.3	81.3	0	0.006	26.36	1.652	0.003	11.66
10/11/2012 7:00	28178	7.952	96.9	8.72	11.74	5.061	94.2	18.59	9.95	64.19	57.63	85	81.1	0	0.003	26.36	1.649	-0.003	16.12
10/11/2012 8:00	28179	7.184	94.2	8.32	11.74	4.592	91.2	18.58	9.95	64.52	57.94	85.1	81.1	0	0.489	26.38	1.649	0	16.1
10/11/2012 9:00	28180	6.937	98.3	13.15	9.95	4.288	93.9	23.4	9.95	65.91	59.28	85.7	81.6	0	27.52	26.39	1.649	0	12.13
10/11/2012 10:00	28181	7.561	101.8	11.54	11.74	5.018	99.5	22.15	9.95	68.15	61.79	85	80.2	0	115.3	26.41	1.652	0.003	11.73
10/11/2012 11:00	28182	6.888	113.5	22.75	13.52	4.543	111.6	31.22	8.16	70.49	64.06	83.5	78.59	0	155.1	26.43	1.652	0	11.77
10/11/2012 12:00	28183	10.29	162	16.98	20.68	6.532	165.2	23.53	15.31	77.5	71.39	76.65	71.1	0	450.7	26.45	1.652	0	16.26
10/11/2012 13:00	28184	13.93	168.3	14.67	22.47	8.53	170.9	20.98	17.1	82	75.82	67.5	62.92	0	395.8	26.48	1.651	0	13.15
10/11/2012 14:00	28185	13.73	180.7	14.78	22.47	8.61	184.1	19.89	15.31	84.2	78.08	60.54	56.79	0	427.2	26.47	1.651	0	11.81
10/11/2012 15:00	28186	11.65	191.8	15.08	20.68	7.737	195.5	19.29	15.31	85.6	79.27	57.12	54.12	0	396	26.46	1.651	0	16.45
10/11/2012 16:00	28187	10.72	177.2	20.93	18.89	7.101	180.4	25.91	13.52	90	84.7	46.38	43.82	0	677.8	26.45	1.651	0	11.62
10/11/2012 17:00	28188	12.33	170.4	18.95	22.47	7.783	173.8	24.79	15.31	90.2	85.6	42.57	40.27	0	550.6	26.46	1.651	0	16.3
10/11/2012 18:00	28189	12.63	160.3	12.94	18.89	7.566	162.8	19.47	15.31	88.9	84.3	44.11	42.28	0	305.5	26.45	1.651	0	16.17
10/11/2012 19:00	28190	11.15	152.2	10.76	20.68	6.555	155	18.5	13.52	87.3	82.4	48.02	46.72	0	140.8	26.44	1.651	0	11.69
10/11/2012 20:00	28191	7.483	127.8	7.516	11.74	3.536	124.7	17.25	6.368	82	75.56	57.17	57.47	0	5.957	26.43	1.651	0	11.39
10/11/2012 21:00	28192	7.551	117.8	17.13	11.74	3.578	113	24.66	6.368	78.49	72.04	64.62	64.62	0	0.016	26.42	1.652	0	12.2
10/11/2012 22:00	28193	8.65	122.9	12.29	13.52	4.608	121.6	21.81	9.95	76.1	70.11	72.93	71.62	0	0.017	26.42	1.652	0	11.56
10/11/2012 23:00	28194	8.05	123.8	9.75	13.52	4.091	122.2	19.68	8.16	74.37	68.63	78.62	76.67	0	0.019	26.44	1.652	0	16.02
10/12/2012 0:00	28195	7.182	125.9	8.5	9.95	3.499	122.8	19.1	6.368	72.69	66.91	83.8	81.7	0	0.012	26.44	1.655	0.003	16.23
10/12/2012 1:00	28196	6.738	87.8	11.96	9.95	3.526	78.63	18.02	6.368	71.76	65.87	86.3	84.6	0	0.01	26.42	1.652	-0.003	11.84
10/12/2012 2:00	28197	7.484	93.9	9.67	11.74	4.049	86.8	17.29	8.16	70.73	64.82	87.9	86.9	0	0.012	26.41	1.652	0	16.07
10/12/2012 3:00	28198	7.697	103	9.37	11.74	4.402	96.2	19.15	8.16	70.13	64.42	89	89.3	0	0.01	26.4	1.652	0	16.02
10/12/2012 4:00	28199	9.48	109.8	10.7	15.31	5.492	105.9	20.84	9.95	69.93	64.29	89.2	90.4	0	0.015	26.4	1.649	-0.003	11.59
10/12/2012 5:00	28200	9.74	115.1	8.85	15.31	5.291	112.6	21.09	9.95	69.38	63.72	89.9	91.6	0	0.012	26.38	1.649	0	11.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/12/2012 6:00	28201	8.83	121.3	10.19	13.52	4.934	119.4	21.75	9.95	69.24	63.57	90.5	93.2	0	0.013	26.37	1.649	0	16.51
10/12/2012 7:00	28202	6.364	112.2	12.98	9.95	3.173	103.2	23.56	8.16	68.72	62.75	91.7	94.7	0	0.03	26.37	1.652	0.003	15.89
10/12/2012 8:00	28203	5.139	97.1	43.8	9.95	2.543	79.56	48.35	8.16	69.73	63.48	92.2	98.8	0	0.664	26.37	1.649	-0.003	11.45
10/12/2012 9:00	28204	4.912	111.9	68.39	11.74	2.839	109.1	71.14	8.16	69.94	63.87	92.3	99.9	0	17.59	26.4	1.652	0.003	11.68
10/12/2012 10:00	28205	4.949	185.3	24.85	9.95	3.072	191.8	23.36	8.16	73.37	67.51	90.4	99.5	0	82.4	26.44	1.652	0	11.11
10/12/2012 11:00	28206	8.4	155.5	11.8	15.31	5.115	157.8	19.86	11.74	75.55	70.23	84.4	85	0	186.8	26.47	1.652	0	16.71
10/12/2012 12:00	28207	11.11	150.2	13.63	22.47	7.116	153	21.45	17.1	79.18	74.81	74.22	69.13	0	489.8	26.49	1.651	-0.001	16.63
10/12/2012 13:00	28208	12.35	148.4	17.39	20.68	7.816	151	23.82	17.1	81.9	78.18	69.24	63.38	0	626.6	26.51	1.651	0	16.68
10/12/2012 14:00	28209	10.03	151.4	15.39	17.1	6.368	153.8	21.78	13.52	82	77.56	69.15	64.34	0	347.4	26.5	1.655	0.003	11.5
10/12/2012 15:00	28210	14.8	151.2	16.49	24.26	9.02	152.9	23.47	20.68	84.7	80.7	63.81	58.93	0	557.4	26.47	1.651	-0.003	11.71
10/12/2012 16:00	28211	13.11	159.3	15.54	22.47	8.03	162.4	21.9	17.1	84.3	80	62.27	58.26	0	338.3	26.46	1.655	0.003	11.45
10/12/2012 17:00	28212	13.1	156.6	12.94	20.68	7.826	158.8	19.98	15.31	85.4	80.8	59.57	56.38	0	306.9	26.43	1.651	-0.003	11.41
10/12/2012 18:00	28213	14.06	165.3	13.84	24.26	8.51	167.7	20.28	17.1	87	82.7	54.18	51.44	0	294	26.41	1.651	0	11.28
10/12/2012 19:00	28214	15.93	147.9	9.93	22.47	9.11	149.9	17.08	17.1	84.9	80.2	57.54	55.35	0	123.4	26.4	1.655	0.003	15.72
10/12/2012 20:00	28215	15.65	148.7	8.65	26.05	8.92	151.3	16.5	17.1	80.4	75.35	65.37	63.38	0	6.265	26.37	1.651	-0.003	11.35
10/12/2012 21:00	28216	16.33	145.8	8.59	26.05	9.41	148.1	16.86	18.89	77.19	72.2	71.65	69.31	0	0.031	26.36	1.649	-0.003	16.72
10/12/2012 22:00	28217	13.99	144	8.89	24.26	8.24	146.4	17.12	17.1	75.2	70.24	74.72	72.3	0	0.033	26.36	1.652	0.003	16.25
10/12/2012 23:00	28218	14.23	145.5	8.49	24.26	8.28	146.9	16.03	17.1	74.27	69.3	75.49	73.17	0	0.026	26.34	1.652	0	11.42
10/13/2012 0:00	28219	15.46	157.2	11.34	27.84	8.73	159	18.48	18.89	75.18	70.19	71.45	70.19	0.01	0.026	26.35	1.652	0	15.86
10/13/2012 1:00	28220	17.98	155	9.04	36.78	10.13	156.8	16.99	20.68	74.21	68.89	74.29	73.7	0	0.015	26.32	1.655	0.003	15.83
10/13/2012 2:00	28221	14.57	165.5	11.44	24.26	8.34	167.8	18.36	17.1	73.21	68.13	74.13	72.87	0	0.024	26.31	1.649	-0.006	16.74
10/13/2012 3:00	28222	16.66	169	8.75	29.63	9.52	171.8	17.67	22.47	73.33	68.17	67.87	67.06	0	0.02	26.3	1.649	0	16.22
10/13/2012 4:00	28223	15.17	173.7	8.46	26.05	8.85	176.7	16.97	17.1	72.68	67.55	68.87	67.55	0	0.022	26.3	1.649	0	15.99
10/13/2012 5:00	28224	13.14	178	8.82	20.68	7.628	181.7	16.18	15.31	70.85	65.96	72.27	70.64	0	0.018	26.3	1.655	0.006	15.69
10/13/2012 6:00	28225	11.12	182.9	9.36	17.1	6.518	186	15.91	11.74	69.98	65.1	74.23	72.61	0	0.017	26.31	1.655	0	15.65
10/13/2012 7:00	28226	10.72	188.3	8.97	17.1	6.523	191.5	15.22	11.74	69.34	64.48	76.04	74.27	0	0.013	26.31	1.652	-0.003	11.9
10/13/2012 8:00	28227	9.24	191.3	10.36	15.31	5.541	193.8	16.37	11.74	68.34	63.58	78.76	76.66	0	0.659	26.31	1.652	0	15.99
10/13/2012 9:00	28228	5.461	219.3	31.72	11.74	3.323	223.1	35.13	8.16	67.43	62.7	82.2	79.68	0	57.84	26.32	1.649	-0.003	16.08
10/13/2012 10:00	28229	8.36	213.5	11.49	15.31	5.765	214	14.23	11.74	71.15	67.12	76.99	73.31	0	264.7	26.35	1.649	0	11.63
10/13/2012 11:00	28230	11.18	239.4	22.15	17.1	8.61	238.6	23.28	15.31	76.82	72.6	53.67	52.17	0	495.6	26.4	1.651	0.003	13.28
10/13/2012 12:00	28231	13.78	264.5	14.73	24.26	10.81	262.7	17.16	18.89	82	78.14	24.87	25.44	0	671.1	26.41	1.651	0	12.42
10/13/2012 13:00	28232	15.9	247.3	13.68	27.84	12.53	246.2	16.55	22.47	83.1	79.99	23.48	23.65	0	782	26.42	1.654	0.003	13.33
10/13/2012 14:00	28233	15.39	242.5	13.97	27.84	12.1	241.5	16.51	24.26	83.2	80.8	22.76	22.71	0	822	26.4	1.651	-0.003	16.57
10/13/2012 15:00	28234	13.79	256.5	18.82	26.05	10.84	254.8	21.05	22.47	83.5	81.6	20.21	20.23	0	800	26.38	1.654	0.003	11.47
10/13/2012 16:00	28235	14.33	272.5	18.37	27.84	11.34	271	21.12	24.26	83.1	81.2	18.73	18.84	0	707.5	26.37	1.651	-0.003	11.5
10/13/2012 17:00	28236	15.94	254.3	28.59	26.05	12.37	252.6	30.41	20.68	83.7	81.5	12.74	13.6	0	565.3	26.36	1.651	0	11.49
10/13/2012 18:00	28237	14.29	283.1	16.48	24.26	11.28	282.4	19.54	20.68	82.9	80.7	10.07	11.23	0	380	26.35	1.651	0	11.32
10/13/2012 19:00	28238	11.79	300.6	10.65	18.89	9.25	300.5	12.51	17.1	80.2	77.71	15.83	16.78	0	163.7	26.34	1.651	0	16.26
10/13/2012 20:00	28239	9.15	326.3	11.79	15.31	6.447	324.7	12.83	13.52	75.09	71.58	21.92	23.46	0	7.974	26.34	1.652	0	16.23
10/13/2012 21:00	28240	10.34	339.7	8.07	17.1	7.359	334.9	10.75	11.74	70.86	67.22	26.69	28.12	0	0.005	26.33	1.649	-0.003	16.42
10/13/2012 22:00	28241	10.6	345.6	9.22	17.1	7.258	341.8	12.54	13.52	68.62	65.19	27.6	28.76	0	0.005	26.34	1.652	0.003	15.85
10/13/2012 23:00	28242	9.77	349.7	9.94	15.31	6.324	347.8	12.46	11.74	66.86	63.28	29.26	30.76	0	0.002	26.35	1.649	-0.003	11.6
10/14/2012 0:00	28243	9.13	340.3	10.43	15.31	6.005	340	13.71	11.74	66.69	62.86	29.17	30.95	0	0.002	26.36	1.649	0	13.22
10/14/2012 1:00	28244	10.57	327.8	10.47	18.89	7.558	327.3	12.01	15.31	66.6	62.78	28.34	30.2	0	0.001	26.35	1.652	0.003	11.58
10/14/2012 2:00	28245	10.14	334.1	8.32	15.31	7.364	332.6	10.75	11.74	63.96	60.65	33.83	34.69	0	0.003	26.37	1.649	-0.003	11.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/14/2012 3:00	28246	10.64	336.8	8.33	17.1	7.674	335.5	11.45	15.31	61.69	58.51	38.55	39.17	0	0.002	26.38	1.649	0	11.19
10/14/2012 4:00	28247	9.2	319.5	9.62	15.31	6.585	319.1	11.48	13.52	61.36	58.2	39.46	40.17	0	0.001	26.38	1.649	0	15.86
10/14/2012 5:00	28248	11.14	337.2	12.84	17.1	8.03	334.1	14.03	13.52	59.54	56.57	43.92	44.14	0	0.001	26.38	1.653	0.003	15.01
10/14/2012 6:00	28249	13.2	4.504	8.74	20.68	8.89	0.792	11.04	15.31	60.06	57.45	45.83	45.33	0	0.001	26.39	1.649	-0.003	11.55
10/14/2012 7:00	28250	12.31	355.3	8.37	18.89	8.3	350.9	10.68	15.31	58.9	56.31	49.11	48.51	0	0.001	26.4	1.649	0	12.19
10/14/2012 8:00	28251	9.36	356.5	9.17	13.52	6.155	351	11.49	11.74	57.86	55.21	50.82	50.35	0	1.011	26.43	1.649	0	11.76
10/14/2012 9:00	28252	9.79	3.357	8.52	17.1	6.604	358.1	11.07	13.52	59.69	57.23	48.16	47.29	0	90.2	26.46	1.646	-0.003	13.86
10/14/2012 10:00	28253	9.95	23.74	14.54	18.89	6.504	20.8	16.38	15.31	65.51	63.75	39.68	38.77	0	294	26.53	1.649	0.003	13.09
10/14/2012 11:00	28254	12.28	37.88	11.19	20.68	7.06	32.89	13.79	15.31	70.05	68.72	32.96	32.41	0	496.2	26.59	1.652	0.003	11.62
10/14/2012 12:00	28255	11.6	36.11	14.43	18.89	7.034	31.95	17.58	17.1	73.04	72.21	29.8	29.13	0	658.9	26.62	1.651	0	12.33
10/14/2012 13:00	28256	11.36	49.54	21.21	20.68	7.168	43.19	24.99	18.89	74.95	74.68	27.13	26.53	0	767.8	26.65	1.651	0	14.91
10/14/2012 14:00	28257	11.41	59.5	19.79	22.47	7.304	53.71	25.18	15.31	77.05	77.22	22.57	22.26	0	813	26.64	1.651	0	15.77
10/14/2012 15:00	28258	11.1	68.9	20.09	18.89	7.18	62.87	26.54	17.1	78.29	78.81	20	19.84	0	789.3	26.62	1.651	0	15.57
10/14/2012 16:00	28259	10.52	78.88	26.89	20.68	6.881	74.83	35.73	13.52	78.68	79.33	18.62	18.62	0	699.2	26.61	1.648	-0.003	11.6
10/14/2012 17:00	28260	8.8	93.4	27.45	18.89	5.897	90.1	36.92	15.31	79.17	79.66	18.57	18.86	0	549.6	26.59	1.651	0.003	11.45
10/14/2012 18:00	28261	8.87	102.5	21.95	17.1	5.877	100.1	32.52	11.74	78.36	78.75	19.09	19.56	0	356.9	26.57	1.651	0	16.13
10/14/2012 19:00	28262	8.55	105.4	12.44	15.31	5.272	105.4	22.46	11.74	76.41	76.12	20.41	21.49	0	145.1	26.55	1.648	-0.003	16.13
10/14/2012 20:00	28263	6.414	107.3	5.523	8.16	2.675	96.5	15.83	4.578	70.8	67.5	26.98	30.54	0	6.231	26.52	1.652	0.004	11.44
10/14/2012 21:00	28264	7.381	107.6	6.629	9.95	3.177	88.4	13.47	4.578	66.75	61.88	32.36	37.49	0	0.006	26.49	1.649	-0.003	11.77
10/14/2012 22:00	28265	6.787	100.4	6.757	9.95	3.086	84.8	13.19	4.578	63.7	59.75	37.09	41.44	0	0.001	26.48	1.649	0	16.01
10/14/2012 23:00	28266	6.922	106	6.589	9.95	3.068	83.4	12.4	4.578	61.85	57.7	39.83	44.63	0	0.002	26.49	1.649	0	11.38
10/15/2012 0:00	28267	7.451	130.5	12.75	9.95	2.928	122.1	24.56	6.368	60.67	57.01	42.59	46.85	0	0	26.49	1.649	0	11.69
10/15/2012 1:00	28268	7.414	133	5.867	15.31	2.832	126.9	15.49	6.368	59.65	57	45.58	48.43	0	0	26.48	1.649	0	12.5
10/15/2012 2:00	28269	7.471	128.3	5.281	9.95	2.836	115.1	15.74	4.578	58.91	55.55	46.95	51.02	0	0	26.47	1.653	0.003	15.94
10/15/2012 3:00	28270	5.758	179.7	54.7	9.95	2.122	175.6	56.81	6.368	57.55	54.32	49.51	53.43	0	0	26.46	1.649	-0.003	11.68
10/15/2012 4:00	28271	1.894	201.1	29.32	8.16	0.887	84	29.66	4.578	56.69	53.16	51.03	55.63	0	0	26.44	1.649	0	15
10/15/2012 5:00	28272	1.772	167.3	32.84	4.578	0.535	54.92	7.785	2.789	56.15	53.06	52.68	57.03	0	0	26.42	1.649	0	15.7
10/15/2012 6:00	28273	2.172	182.8	17.46	4.578	0.004	55.75	0.848	2.789	55.97	52.09	53.58	60.24	0	0	26.42	1.646	-0.003	15.69
10/15/2012 7:00	28274	2.065	222.9	16.11	4.578	0.104	95.6	17.89	2.789	55.43	52.17	54.5	60.58	0	0	26.43	1.646	0	16.51
10/15/2012 8:00	28275	3.234	275	27.59	6.368	0.586	280.6	12.52	4.578	54.74	50.92	56.51	62.48	0	0.355	26.43	1.649	0.003	12.96
10/15/2012 9:00	28276	4.934	290.1	13.04	6.368	1.813	293.9	21.03	4.578	54.87	51.42	56.09	62.51	0	48.55	26.42	1.646	-0.003	11.81
10/15/2012 10:00	28277	3.631	273.4	30.01	6.368	2.561	271.5	31.66	6.368	58.8	58.53	52.06	51.73	0	215.2	26.45	1.649	0.003	11.72
10/15/2012 11:00	28278	8.1	208.7	13.49	15.31	5.919	210.6	16.99	11.74	65.91	66.76	40.64	39.66	0	489	26.52	1.649	-0.001	16.4
10/15/2012 12:00	28279	11.63	198.2	12.83	18.89	8.02	200.9	16.82	15.31	70.22	71.84	34.96	33.66	0	686	26.56	1.651	0.003	11.68
10/15/2012 13:00	28280	11.93	196	15.26	18.89	8.14	198.5	19.23	15.31	72.51	74.41	30.57	29.41	0	734.4	26.56	1.651	0	11.63
10/15/2012 14:00	28281	11.67	196.6	17.74	20.68	8.08	199.5	20.81	15.31	74.44	76.5	27.69	26.63	0	781	26.54	1.648	-0.003	15.63
10/15/2012 15:00	28282	9.9	198.6	16.5	17.1	6.962	201.4	20.54	13.52	74.34	75.72	27.1	26.6	0	520.8	26.49	1.651	0.003	12.94
10/15/2012 16:00	28283	11.16	195.9	14.8	20.68	7.707	198.3	18.42	17.1	76.14	77.5	26.79	26.3	0	503.1	26.46	1.648	-0.003	16.12
10/15/2012 17:00	28284	11.85	203.1	12.78	18.89	8.18	205.2	16.19	15.31	76.15	77.3	28.77	28.15	0	442.8	26.43	1.651	0.003	11.6
10/15/2012 18:00	28285	12.35	200	11.86	20.68	8.1	201.9	15.77	15.31	75.07	75.72	30.95	30.61	0	221.5	26.42	1.648	-0.003	11.58
10/15/2012 19:00	28286	9.25	198.3	9.42	15.31	5.781	199.7	13.88	11.74	73.07	72.9	35.91	35.97	0	61.91	26.39	1.652	0.003	11.53
10/15/2012 20:00	28287	5.373	172.6	13.74	8.16	1.956	154.2	28.59	6.368	69.83	67.63	40.8	43.38	0	2.565	26.36	1.649	-0.003	16.34
10/15/2012 21:00	28288	6.702	145.3	8.41	11.74	2.488	122	20.74	6.368	67.51	64.15	44.73	48.8	0	0.009	26.33	1.649	0	11.11
10/15/2012 22:00	28289	8.74	160.4	7.321	13.52	4.427	162.2	15.61	8.16	65.5	64.61	53.63	53.19	0	0.014	26.32	1.649	0	11.65
10/15/2012 23:00	28290	8.31	166	8.07	13.52	4.391	168.4	17.09	8.16	64.13	63.55	59.22	58.1	0	0.011	26.32	1.652	0.003	15.83

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/16/2012 0:00	28291	7.071	183.9	12.24	11.74	4.082	188.5	16.93	8.16	63.43	62.85	60.37	59.26	0	0.006	26.31	1.649	-0.003	11.64
10/16/2012 1:00	28292	5.422	186	8.67	11.74	2.461	189	14.5	6.368	61.96	61.12	63.05	62.3	0	0.005	26.29	1.649	0	13.61
10/16/2012 2:00	28293	5.464	189.7	7.797	8.16	2.529	189.4	12.42	4.578	61.58	60.51	64.03	63.68	0	0.001	26.27	1.649	0	12.72
10/16/2012 3:00	28294	6.221	193.8	8.64	9.95	3.356	195.5	14.01	6.368	61.52	60.71	64.81	63.97	0	0.003	26.25	1.652	0.003	15.72
10/16/2012 4:00	28295	5.189	219.6	18.66	8.16	2.749	224.2	21.35	6.368	60.98	60.24	66.82	65.8	0	0.006	26.24	1.649	-0.003	11.43
10/16/2012 5:00	28296	5.791	221.9	11.42	9.95	3.399	225.6	15.61	6.368	59.65	59.15	70.12	68.41	0	0.005	26.23	1.649	0	11.67
10/16/2012 6:00	28297	5.113	222.8	13.58	8.16	2.841	229.8	18.75	6.368	59.37	58.85	71.72	69.97	0	0.007	26.2	1.649	0	11.71
10/16/2012 7:00	28298	4.918	239.6	10.7	6.368	2.278	246.5	11.16	4.578	58.54	57.6	73.71	72.6	0	0.004	26.2	1.646	-0.003	12.59
10/16/2012 8:00	28299	5.488	205.9	10.08	8.16	2.67	207.2	14.55	6.368	58.14	57.32	75.17	73.72	0	0.272	26.19	1.649	0.003	11.67
10/16/2012 9:00	28300	5.18	199	11.87	8.16	2.066	198.4	14.62	6.368	57.92	57.15	76.02	74.68	0	27.47	26.2	1.646	-0.003	11.32
10/16/2012 10:00	28301	6.092	217.6	14.02	11.74	4.011	220.9	13	9.95	61.53	61.62	70.52	68.24	0	158.5	26.22	1.649	0.003	12.06
10/16/2012 11:00	28302	12.78	227	9.61	20.68	9.41	225.6	13.21	17.1	69.46	70.29	57.71	54.94	0	513.9	26.26	1.649	0	11.6
10/16/2012 12:00	28303	12.22	238.7	14.75	18.89	9.52	237.2	17.76	17.1	75.34	76.2	46.2	44.19	0	627.3	26.3	1.648	0	11.71
10/16/2012 13:00	28304	11.07	235.1	17.1	26.05	8.62	233.5	19.33	24.26	78.99	80	38.8	37.24	0	770	26.31	1.648	0	16.72
10/16/2012 14:00	28305	11.39	263.8	22.11	22.47	9.06	262.3	25.28	18.89	83.4	84.4	22.01	21.91	0	830	26.3	1.651	0.003	11.6
10/16/2012 15:00	28306	13.46	234.7	34.27	24.26	9.95	234.3	34.62	18.89	83.7	85.2	25.08	24.2	0	805	26.28	1.648	-0.003	16.62
10/16/2012 16:00	28307	15.17	218.9	13.95	22.47	10.88	219.4	16.41	20.68	83.3	85	26.13	25.26	0	698.9	26.25	1.651	0.003	11.58
10/16/2012 17:00	28308	14.59	225.1	13.84	22.47	10.71	224.3	15.78	18.89	84.4	85.5	17.49	17.79	0	553.8	26.23	1.651	0	11.46
10/16/2012 18:00	28309	15.77	231.9	11.1	27.84	11.75	230.8	13.01	22.47	84.6	85.1	15.27	15.98	0	361.4	26.2	1.648	-0.003	16.49
10/16/2012 19:00	28310	13.27	221.9	9.4	22.47	8.99	221	12.96	17.1	82.5	82.4	16.6	17.6	0	116.5	26.18	1.651	0.003	16.26
10/16/2012 20:00	28311	8.73	212.6	7.65	13.52	5.045	211.9	12.2	9.95	75.29	74.19	27.87	28.9	0	1.708	26.16	1.648	-0.003	11.46
10/16/2012 21:00	28312	7.019	214.7	8.9	11.74	3.672	215.6	13.31	8.16	69.19	67.66	36.98	38.29	0	0.008	26.13	1.649	0	11.48
10/16/2012 22:00	28313	6.827	232.2	13.02	9.95	3.091	234.9	17.06	4.578	64.88	62.18	40.44	43.94	0	0.002	26.1	1.646	-0.003	11.55
10/16/2012 23:00	28314	6.37	223.4	8.23	9.95	2.511	226.2	14.26	6.368	63.18	59.97	41.03	45	0	0	26.09	1.649	0.003	12.36
10/17/2012 0:00	28315	5.261	224.3	8.82	8.16	0.926	237.9	9.42	4.578	60.79	57.14	44.81	49.66	0	0	26.08	1.646	-0.003	11.57
10/17/2012 1:00	28316	5.058	230.3	10.56	11.74	0.676	263.6	17.24	2.789	59.97	54.89	44.26	52.57	0	0	26.05	1.646	0	11.64
10/17/2012 2:00	28317	5.762	216.2	7.428	8.16	0.766	206	18.51	4.578	58.69	52.87	44.31	53.22	0	0	26.03	1.646	0	16.41
10/17/2012 3:00	28318	3.787	213.4	29.84	9.95	1.153	155	33.5	4.578	57.25	52.21	45.36	53.88	0	0	26.03	1.649	0.003	16.25
10/17/2012 4:00	28319	5.661	193.6	11.23	9.95	1.332	172.3	15.96	4.578	55.5	49.65	48.35	57.53	0	0	26.02	1.646	-0.003	11.76
10/17/2012 5:00	28320	5.02	211.9	8.66	8.16	0.441	228.4	16.94	2.789	54.44	48.86	49.38	59.14	0	0	26.01	1.646	0	11.72
10/17/2012 6:00	28321	5.105	213.4	11.24	8.16	0.759	226.2	40.67	4.578	54.62	48.11	47.81	59.43	0	0	26	1.647	0	11.85
10/17/2012 7:00	28322	4.025	238.1	19.72	6.368	0.833	295.3	24.72	4.578	53.24	47.69	48.92	59.59	0	0	26.01	1.647	0	11.28
10/17/2012 8:00	28323	4.62	223.3	21.61	8.16	0.98	244.1	42.44	4.578	53.49	48.49	46.37	56.31	0	0.809	26.02	1.644	-0.003	16.17
10/17/2012 9:00	28324	4.555	216.5	14.51	8.16	1.357	223.4	21.26	4.578	57.01	54.49	40	44.94	0	85	26.05	1.649	0.006	16.21
10/17/2012 10:00	28325	6.382	281.5	32.35	17.1	4.599	278.6	30.13	15.31	68.17	68.11	26.51	27.95	0	292.2	26.12	1.649	-0.001	11.67
10/17/2012 11:00	28326	14.72	291	10.37	22.47	11.72	290.8	13.84	18.89	79.14	79.13	12.44	13.88	0	496.2	26.21	1.648	-0.001	11.68
10/17/2012 12:00	28327	13.7	294.2	11.9	20.68	10.96	294.1	15.41	18.89	82.1	82.6	10.66	11.86	0	658.9	26.26	1.648	0	11.69
10/17/2012 13:00	28328	16.18	300.9	18.29	31.42	12.8	301.2	19.78	24.26	84	84.7	10.6	11.53	0	766.4	26.27	1.651	0.003	11.63
10/17/2012 14:00	28329	17.25	310.6	17.29	27.84	13.74	310.4	18.09	26.05	85.1	86.1	12.61	13.2	0	809	26.27	1.648	-0.003	11.78
10/17/2012 15:00	28330	18.39	307.2	12.99	27.84	14.57	307.4	13.9	24.26	86.3	87.3	10.46	11.24	0	792.6	26.25	1.648	0	16.1
10/17/2012 16:00	28331	17.09	318.2	15.08	29.63	13.67	317.7	15.48	27.84	86.8	87.7	9.73	10.58	0	694	26.24	1.651	0.003	15.9
10/17/2012 17:00	28332	17.02	304.5	13.38	29.63	13.5	304.3	15.84	24.26	87.8	88.4	7.676	8.81	0	546.1	26.23	1.648	-0.003	16.05
10/17/2012 18:00	28333	13.78	302.2	15.74	24.26	10.96	301.9	16.98	20.68	87.9	88.1	6.25	7.662	0	348.3	26.22	1.648	0	11.47
10/17/2012 19:00	28334	10.69	308	10.89	24.26	8.01	308.7	12.27	18.89	85.6	85.1	6.76	8.57	0	109.7	26.21	1.648	0	16.17
10/17/2012 20:00	28335	5.85	316.9	9.46	9.95	3.029	320.4	20.81	6.368	79.14	76.18	10.62	14.41	0	2.453	26.2	1.645	-0.003	11.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/17/2012 21:00	28336	5.02	254	29.82	9.95	1.295	233	38.62	6.368	73.54	67.06	16.16	23.18	0	0.005	26.19	1.649	0.004	15.9
10/17/2012 22:00	28337	4.811	314	9.45	6.368	0.611	346.6	7.539	4.578	73.05	67.24	15.84	22.76	0	0.001	26.18	1.646	-0.003	13.16
10/17/2012 23:00	28338	3.729	319.5	40.09	8.16	0.833	128.5	39.19	4.578	70.25	64.24	20.9	27.25	0	0.001	26.18	1.646	0	10.7
10/18/2012 0:00	28339	8.21	77.48	16.34	15.31	4.48	68.67	21.78	9.95	65.34	62.22	28.72	31.83	0	0	26.19	1.643	-0.003	11.4
10/18/2012 1:00	28340	9.99	63.77	8.54	18.89	5.601	58.66	15.98	11.74	62.85	61.5	38.41	39.22	0	0.001	26.2	1.643	0	16.31
10/18/2012 2:00	28341	12.09	55.46	10.9	18.89	6.757	50	17.61	13.52	59.66	59.13	43.7	43.36	0	0	26.22	1.643	0	12.83
10/18/2012 3:00	28342	12.82	53.4	12.56	22.47	7.251	49.48	18.46	15.31	57.61	57.18	45.06	44.57	0	0	26.24	1.646	0.003	15.71
10/18/2012 4:00	28343	12.99	63.85	11.46	24.26	7.857	59.25	17.86	17.1	56.38	55.91	41.83	41.54	0	0.001	26.23	1.646	0	13.37
10/18/2012 5:00	28344	11.85	64.05	9.25	17.1	7.081	59.21	16.9	13.52	53.6	53.13	40.88	40.66	0	0	26.22	1.646	0	11.66
10/18/2012 6:00	28345	12.46	57.04	17.24	24.26	7.198	50.89	21.47	17.1	53.16	52.77	39.68	39.35	0	0	26.22	1.643	-0.003	11.77
10/18/2012 7:00	28346	12.01	59.56	13.78	22.47	7.18	55.02	18.63	17.1	51.7	51.24	39.05	38.96	0	0	26.24	1.643	0	15.8
10/18/2012 8:00	28347	10.6	57.58	11.67	17.1	6.181	53.79	17.66	11.74	51.21	50.73	37.17	37.15	0	0.547	26.26	1.646	0.003	11.71
10/18/2012 9:00	28348	10.45	51.36	12.26	17.1	5.933	45.51	17.59	11.74	50.42	50.25	37.38	37.04	0	63.68	26.27	1.646	0	11.67
10/18/2012 10:00	28349	9.98	66.78	16.03	15.31	6.186	62.28	22.89	11.74	53.74	54.48	34.45	33.66	0	271.1	26.32	1.643	-0.003	11.78
10/18/2012 11:00	28350	10.51	93.1	17.2	17.1	6.916	87.6	26.19	13.52	59.43	61.32	29.22	28.09	0	531.9	26.4	1.646	0.003	11.7
10/18/2012 12:00	28351	10.35	109.1	18.48	17.1	7.129	107.8	27.55	15.31	62.5	64.56	28.69	27.48	0	614.4	26.44	1.645	0	16.05
10/18/2012 13:00	28352	10.29	134.6	17.37	17.1	6.845	136	26.4	13.52	65.86	68.27	24.51	23.56	0	752	26.46	1.645	0	16.35
10/18/2012 14:00	28353	9.02	164.3	22.84	15.31	6.167	168.8	28.1	13.52	68.55	70.86	22.84	21.95	0	814	26.46	1.645	0	11.42
10/18/2012 15:00	28354	7.083	155.1	30.47	15.31	4.921	158.5	38.9	11.74	71.16	73.23	21.54	21	0	786.1	26.45	1.645	0	12.92
10/18/2012 16:00	28355	5.453	221.1	58.32	13.52	4.279	223.1	59.05	11.74	74.17	75.11	16.62	16.91	0	695.9	26.43	1.648	0.003	12
10/18/2012 17:00	28356	4.063	268.3	87.7	11.74	3.151	272.6	80.8	11.74	76.04	76.23	13.8	14.57	0	546.9	26.42	1.648	0	12.59
10/18/2012 18:00	28357	3.848	23.55	53.71	9.95	2.509	16.02	47.48	8.16	76.63	76.79	10.97	12.09	0	352.9	26.4	1.648	0	11.52
10/18/2012 19:00	28358	5.235	107.5	33.84	13.52	2.957	105.2	31.85	9.95	74.13	74.3	14.89	16.2	0	135.3	26.38	1.645	-0.003	15.83
10/18/2012 20:00	28359	7.876	114.5	9.85	11.74	3.656	108.6	20.52	9.95	66.34	64.41	25.91	28.03	0	6.13	26.36	1.642	-0.003	16.63
10/18/2012 21:00	28360	9.37	114.6	8.48	13.52	4.866	111.8	20.85	9.95	61.83	60.71	32.79	33.5	0	0.002	26.33	1.646	0.003	11.61
10/18/2012 22:00	28361	7.724	121	7.877	11.74	3.597	115.9	19.07	8.16	57.74	56.13	38.45	39.71	0	0	26.31	1.643	-0.003	11.44
10/18/2012 23:00	28362	8.57	119.7	7.814	13.52	4.104	114.4	19.87	8.16	56.54	54.76	38.8	40.4	0	0	26.3	1.643	0	11.63
10/19/2012 0:00	28363	8.67	124.4	9.31	11.74	4.294	121.1	19.66	8.16	55.47	54	39.77	40.85	0	0	26.3	1.643	0	16.35
10/19/2012 1:00	28364	6.077	132.9	15.67	17.1	2.043	111	28.37	4.578	52.87	50.52	43.75	46	0	0	26.3	1.646	0.003	15.99
10/19/2012 2:00	28365	8.19	137.2	8.39	11.74	3.561	132.4	18.12	8.16	52.69	50.51	45.3	47.26	0	0	26.28	1.643	-0.003	11.72
10/19/2012 3:00	28366	5.202	155.4	30.55	9.95	1.88	142.5	40.93	6.368	51.46	49.26	47.37	49.45	0	0	26.28	1.643	0	15.93
10/19/2012 4:00	28367	2.159	258.7	31.01	4.578	0.559	315.4	14.28	2.789	49.7	47.16	50.47	53.81	0	0	26.27	1.643	0	16.34
10/19/2012 5:00	28368	3.318	30.96	18.27	6.368	1.348	43.52	13.36	4.578	50.51	48.31	49.18	51.8	0	0	26.27	1.644	0	11.25
10/19/2012 6:00	28369	6.742	64.92	8.05	11.74	3.598	59.48	13.82	8.16	50.16	47.64	50.35	53.08	0	0	26.27	1.644	0	15.61
10/19/2012 7:00	28370	8.48	63.25	7.816	13.52	4.571	57.59	15.41	9.95	47.66	46.5	54.38	54.53	0	0	26.27	1.643	0	11.8
10/19/2012 8:00	28371	10.08	63.11	8.56	15.31	5.598	56.53	15.08	9.95	46.74	45.87	55.64	55.16	0	0.709	26.28	1.643	0	13.79
10/19/2012 9:00	28372	9.12	67.45	7.938	13.52	5.253	60.57	16.54	9.95	47.36	46.98	54.28	53.07	0	76.38	26.29	1.643	0	12.01
10/19/2012 10:00	28373	7.227	103.2	24.24	13.52	4.694	99.2	31.7	9.95	54.81	55.77	44.68	43.06	0	264.3	26.34	1.646	0.003	15.72
10/19/2012 11:00	28374	8.85	148.2	21.08	15.31	5.809	151.1	27.52	11.74	61.11	62.9	39.88	37.8	0	478.1	26.41	1.646	-0.001	12.21
10/19/2012 12:00	28375	8.59	167	17.93	15.31	5.69	170	23.45	11.74	65.34	67.4	38.18	35.9	0	646.5	26.45	1.645	0	16.84
10/19/2012 13:00	28376	7.485	166.7	23.87	15.31	5.185	171.6	31.32	11.74	69.68	71.58	34.61	32.78	0	754.8	26.46	1.645	0	11.71
10/19/2012 14:00	28377	6.689	180.3	32.31	15.31	4.885	185.7	38.45	13.52	74.26	75.83	30.99	29.6	0	798.5	26.46	1.645	0	11.65
10/19/2012 15:00	28378	7.995	208.7	22.07	13.52	6.123	214.1	23.63	11.74	76.35	77.65	28.22	27	0	775	26.43	1.648	0.003	11.64
10/19/2012 16:00	28379	7.755	200.5	20.86	13.52	5.655	204.1	24.03	11.74	77.51	78.93	26.28	25.21	0	686.4	26.4	1.645	-0.003	16.17
10/19/2012 17:00	28380	8.02	202.1	23.77	18.89	6.026	206.9	28.84	18.89	78.72	79.81	24.05	23.4	0	540	26.38	1.645	0	11.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/19/2012 18:00	28381	8.14	211.8	14.81	13.52	5.985	214.4	17.51	11.74	78.75	79.61	22.02	21.76	0	349.5	26.36	1.645	0	11.59
10/19/2012 19:00	28382	7.259	190.5	15.94	13.52	4.451	192	20.36	9.95	77.29	77.45	24.18	24.67	0	132.9	26.33	1.648	0.003	15.74
10/19/2012 20:00	28383	6.624	173.7	4.081	8.16	2.305	155.7	9.53	4.578	71.53	67.3	29.48	34.37	0	3.42	26.29	1.645	-0.003	11.48
10/19/2012 21:00	28384	7.23	170.7	7.731	9.95	2.171	148.8	12.73	4.578	66.96	61.43	35.4	41	0	0.004	26.26	1.649	0.003	14.41
10/19/2012 22:00	28385	6.446	176.3	7.581	9.95	1.599	154	9.7	4.578	62.46	58.21	42.43	46.7	0	0.001	26.23	1.643	-0.006	15.41
10/19/2012 23:00	28386	5.086	195.2	9.44	8.16	0.748	136.7	12.11	2.789	60.86	56.3	46.11	50.89	0	0.001	26.22	1.646	0.003	11.6
10/20/2012 0:00	28387	7.049	181.8	16.59	11.74	1.746	172.4	17.59	6.368	57.95	53.62	51.51	56.04	0	0.001	26.2	1.643	-0.003	11.68
10/20/2012 1:00	28388	3.831	213.3	13.11	8.16	0.506	214.5	12.26	4.578	56.57	53.29	56.69	58.89	0	0	26.18	1.643	0	15.36
10/20/2012 2:00	28389	4.668	212.7	20.98	8.16	1.07	225	24.42	4.578	56.47	53.1	60.58	62.86	0	0	26.17	1.643	0	16.67
10/20/2012 3:00	28390	5.477	224.7	9.13	11.74	1.609	230.9	10.56	6.368	55.26	51.19	61.99	64.99	0	0	26.16	1.643	0	16.07
10/20/2012 4:00	28391	4.65	224.2	13.34	8.16	1.233	254.6	17.07	4.578	52.71	49.77	70.92	71.26	0	0	26.15	1.643	0	15.54
10/20/2012 5:00	28392	4.696	241.9	12.37	6.368	1.19	281.5	11.65	4.578	52.29	48.2	75.17	76.6	0	0	26.13	1.643	0	16.33
10/20/2012 6:00	28393	4.22	273.6	18.48	8.16	1.068	310	20.61	6.368	52.54	47.69	76.8	79.69	0	0	26.12	1.643	0	11.91
10/20/2012 7:00	28394	5.365	276.9	6.957	8.16	1.663	301.9	6.616	2.789	52.88	47.2	75.49	81.8	0	0	26.12	1.64	-0.003	11.26
10/20/2012 8:00	28395	5.324	275	14.67	8.16	1.185	306.6	13.29	4.578	52.61	46.78	72.18	80.8	0	0.635	26.12	1.64	0	16.04
10/20/2012 9:00	28396	5.127	277.3	9.56	8.16	1.322	288.8	15.46	4.578	54.45	49.97	66.22	73.28	0	83.1	26.14	1.643	0.003	11.75
10/20/2012 10:00	28397	5.301	243.7	11.64	8.16	4.466	242.1	12.93	8.16	60.18	60.17	54.18	52.77	0	292.2	26.2	1.643	0	12.63
10/20/2012 11:00	28398	6.231	247.3	15.24	9.95	5.152	245.8	17.04	9.95	69.15	69.5	36.28	35.74	0	498.6	26.27	1.648	0.006	15.71
10/20/2012 12:00	28399	7.83	236.1	17.25	15.31	6.269	236.3	19.2	13.52	77.58	78.01	25.12	25.19	0	628	26.31	1.642	-0.007	16.21
10/20/2012 13:00	28400	10.86	242.6	18.9	17.1	8.63	241.5	20.15	15.31	83.7	84.1	13.4	14.33	0	550	26.32	1.645	0.003	11.43
10/20/2012 14:00	28401	11.37	222.8	23.44	18.89	8.5	223.8	24.73	15.31	84.8	85.9	17.22	17.37	0	669	26.3	1.645	0	11.65
10/20/2012 15:00	28402	11.45	231	23.61	20.68	8.71	231.7	24.02	15.31	86.7	87.5	14.68	15.14	0	599.2	26.28	1.645	0	16.73
10/20/2012 16:00	28403	12.17	237.7	25.7	22.47	9.48	236.7	25.91	18.89	88.1	89.1	12.86	13.38	0	675.3	26.27	1.645	0	15.25
10/20/2012 17:00	28404	14.92	223	13.83	22.47	10.89	224.2	15.08	18.89	87.8	88.6	12.8	13.36	0	454.1	26.26	1.645	0	15.73
10/20/2012 18:00	28405	12.74	222.2	9.21	20.68	8.94	222.4	12.32	17.1	85.3	85.5	17.01	17.58	0	184.7	26.24	1.642	-0.003	16.53
10/20/2012 19:00	28406	9.06	214.1	9.65	13.52	6.033	214.7	13.22	11.74	83.6	83.4	20.33	21.05	0	107.4	26.22	1.645	0.003	11.5
10/20/2012 20:00	28407	7.874	206	12	11.74	4.251	207.5	15.59	8.16	78.46	77.08	26.56	27.84	0	2.335	26.21	1.642	-0.003	16.81
10/20/2012 21:00	28408	6.152	196.7	22.78	9.95	2.608	203.3	26.09	6.368	73.78	71.5	30.53	32.59	0	0.021	26.19	1.649	0.007	15.63
10/20/2012 22:00	28409	4.758	181.9	13.81	8.16	0.66	142.2	8.99	4.578	68.96	65.1	38.28	41.08	0	0.011	26.18	1.642	-0.006	11.29
10/20/2012 23:00	28410	4.337	198.6	8.86	8.16	0.239	161.3	9.54	2.789	67.86	63.74	44.4	47.95	0	0.004	26.17	1.649	0.006	15.54
10/21/2012 0:00	28411	4.746	197.1	13.15	9.95	0.938	180.3	24.6	6.368	66.1	62.06	48.16	52.08	0	0.001	26.17	1.646	-0.003	15.8
10/21/2012 1:00	28412	5.211	186.4	16.91	13.52	1.635	200	24.25	6.368	64.21	61.7	57.54	58.51	0	0.001	26.16	1.646	0	12.46
10/21/2012 2:00	28413	4.807	159.2	8.91	8.16	1.296	115.8	9.99	4.578	62.04	58.99	65.22	66.51	0	0.003	26.15	1.643	-0.003	15.71
10/21/2012 3:00	28414	5.731	179.1	12.83	9.95	1.534	156.3	24.89	4.578	60.39	57.27	71.78	72.61	0	0.003	26.15	1.646	0.003	15.7
10/21/2012 4:00	28415	4.07	199.4	15.99	9.95	0.712	191.9	7.88	4.578	60.69	58.38	76.76	76.7	0	0.002	26.15	1.64	-0.006	16.63
10/21/2012 5:00	28416	3.9	230.2	17.88	8.16	0.212	276.8	5.492	2.789	59.63	56.3	78.1	79.52	0	0.002	26.15	1.643	0.003	12.22
10/21/2012 6:00	28417	4.672	205.3	23.37	8.16	0.708	208.8	33.41	4.578	58.25	55.38	82.3	82.3	0	0.002	26.15	1.643	0	11.72
10/21/2012 7:00	28418	2.592	221.9	22.97	4.578	0.187	330.8	4.982	2.789	57.27	54.68	85.3	84.7	0	0.004	26.15	1.643	0	15.7
10/21/2012 8:00	28419	2.537	242.6	25.12	4.578	0.367	316.6	4.179	4.578	56.99	54.17	87.3	87.3	0	0.399	26.16	1.643	0	11.76
10/21/2012 9:00	28420	3.317	234.3	24.41	8.16	0.645	267.5	21.23	4.578	58.24	55.68	86.9	88.6	0	75.7	26.18	1.64	-0.003	16.75
10/21/2012 10:00	28421	4.489	223.7	18.42	8.16	3.23	226.2	17.86	6.368	65.26	65.52	69.11	66.83	0	276	26.24	1.646	0.006	15.78
10/21/2012 11:00	28422	6.758	266.4	13.98	9.95	5.537	265	17.58	9.95	72.79	73.32	43.49	42.12	0	482.2	26.32	1.642	-0.004	16.58
10/21/2012 12:00	28423	13.02	265.6	13.48	22.47	10.22	263.7	15.82	20.68	82.2	82.8	22.55	22.72	0	644.1	26.36	1.642	0	15.16
10/21/2012 13:00	28424	15.21	259.1	13.99	24.26	12.16	258.3	16.35	20.68	84	84.8	18.59	18.67	0	751.8	26.37	1.645	0.003	16.2
10/21/2012 14:00	28425	14.54	261.7	16.07	24.26	11.66	260.5	18.42	20.68	84.9	85.8	16.46	16.59	0	791.7	26.36	1.645	0	11.5

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/21/2012 15:00	28426	14.21	264.2	14.9	26.05	11.29	263.2	17.9	20.68	86.6	87.6	13.29	13.64	0	764.6	26.34	1.642	-0.003	15.29
10/21/2012 16:00	28427	14	263.2	16.69	26.05	11.12	262.4	18.61	22.47	87.7	88.4	9.81	10.58	0	613.9	26.32	1.648	0.006	15.7
10/21/2012 17:00	28428	14.84	240.8	16.76	26.05	11.33	241	18.49	20.68	87.9	88.3	9.61	10.49	0	380	26.31	1.648	0	13.96
10/21/2012 18:00	28429	15.29	224.6	8.85	24.26	10.93	225.4	11.56	20.68	85	85.1	14.96	15.61	0	182.5	26.3	1.642	-0.006	11.45
10/21/2012 19:00	28430	8.16	226.8	16.07	17.1	5.376	225.1	17.86	13.52	81.6	80.9	18.52	19.65	0	48.7	26.28	1.642	0	11.39
10/21/2012 20:00	28431	7.041	179.5	13.56	9.95	2.561	159.3	20.12	4.578	76.82	72.12	25.42	29.83	0	1.901	26.26	1.642	0	16.62
10/21/2012 21:00	28432	6.532	169.8	13.68	9.95	1.61	147.5	26.86	6.368	71.27	66.79	31.33	35.72	0	0.012	26.24	1.642	0	16.6
10/21/2012 22:00	28433	6.26	179.2	13.14	9.95	0.978	170.7	13.59	4.578	68.9	64.28	33.22	38.11	0	0.008	26.23	1.639	-0.003	16.76
10/21/2012 23:00	28434	3.673	233.3	42.55	8.16	0.777	291.6	10.11	4.578	67.82	63.96	33.7	38.53	0	0.007	26.23	1.643	0.003	11.55
10/22/2012 0:00	28435	4.76	191.4	25.38	8.16	1.566	152	39.87	4.578	66.42	62.85	35.79	39.36	0	0.002	26.24	1.646	0.003	16.67
10/22/2012 1:00	28436	5.836	230.6	39.76	13.52	2.561	255.5	37.64	9.95	65.59	63.12	39.24	41.18	0	0.008	26.25	1.643	-0.003	11.54
10/22/2012 2:00	28437	10.5	265.1	15.33	20.68	7.566	263.4	16.38	17.1	72.69	71.71	32.05	32.9	0	0.023	26.28	1.642	0	11.58
10/22/2012 3:00	28438	5.621	287.6	42.2	15.31	3.712	281.8	47.56	15.31	69.98	69.05	36.88	37.69	0	0.031	26.3	1.642	0	11.51
10/22/2012 4:00	28439	3.929	11.9	22.71	8.16	1.641	19.75	22.78	4.578	69.02	67.29	38.86	40.87	0	0.026	26.27	1.642	0	11.6
10/22/2012 5:00	28440	4.641	165.4	86.4	13.52	2.7	160.8	63.15	9.95	67.01	64.14	44.4	52.14	0.03	0.017	26.26	1.646	0.003	13.49
10/22/2012 6:00	28441	4.196	78.55	72.58	11.74	1.405	117.7	47.88	6.368	62.42	58.9	63.35	75.06	0.01	0.004	26.23	1.643	-0.003	12.61
10/22/2012 7:00	28442	2.156	68.36	70.25	6.368	0.418	37.58	19.89	2.789	59.95	56.18	67.15	77.75	0	0.001	26.22	1.643	0	15.55
10/22/2012 8:00	28443	2.515	146.9	24.77	6.368	0.598	103	10.82	4.578	57.8	53.81	72.54	80.4	0	0.19	26.22	1.64	-0.003	11.72
10/22/2012 9:00	28444	4.066	181.6	62.03	8.16	1.009	262.7	39.62	4.578	58.68	56.57	69.88	73.62	0	68.04	26.22	1.64	0	14.56
10/22/2012 10:00	28445	4.934	218.3	19.83	11.74	3.659	220.2	20.08	8.16	63.47	63.9	68.04	65.79	0	279.9	26.29	1.642	0.003	11.41
10/22/2012 11:00	28446	8.45	202.4	11.98	15.31	6.06	206.3	15.67	11.74	69.71	70.78	54.36	52.71	0	478.5	26.36	1.645	0.003	11.61
10/22/2012 12:00	28447	10.7	209.3	13.42	17.1	7.758	211.2	17.45	13.52	73.71	74.94	43.77	42.52	0	614.4	26.4	1.645	0	11.58
10/22/2012 13:00	28448	9.84	236.7	24.98	17.1	7.78	236.4	25.81	17.1	77.97	78.93	34.43	33.67	0	721	26.41	1.642	-0.003	15.01
10/22/2012 14:00	28449	10.62	244.1	21.5	18.89	8.47	242.4	23.6	17.1	80.6	81.6	29.87	29.1	0	764.8	26.4	1.645	0.003	15.98
10/22/2012 15:00	28450	13.32	229.5	17.28	27.84	9.26	230	21.69	24.26	81.9	83.4	27.06	26.07	0	749.3	26.37	1.642	-0.003	11.56
10/22/2012 16:00	28451	14.29	225.5	15.83	27.84	10.14	223.9	18.77	24.26	82.5	83.9	24.78	23.99	0	637	26.35	1.645	0.003	15.67
10/22/2012 17:00	28452	12.8	219.3	20.79	24.26	9.12	219.6	23.69	18.89	82.8	84	25.11	24.4	0	505.2	26.34	1.642	-0.003	11.46
10/22/2012 18:00	28453	14.7	229.1	13.42	24.26	10.32	227.3	16.67	18.89	82.8	83.3	17.64	17.99	0	292.8	26.33	1.642	0	11.49
10/22/2012 19:00	28454	11.5	226.7	11.38	20.68	7.881	224.1	14.03	15.31	80.9	80.7	21.95	22.39	0	93.6	26.32	1.642	0	11.45
10/22/2012 20:00	28455	7.6	194.9	30.16	11.74	3.927	190.6	33.69	8.16	74.8	73.22	32.11	32.75	0	2.457	26.31	1.642	0	11.52
10/22/2012 21:00	28456	7.328	174.7	6.971	11.74	2.862	172.2	13.85	6.368	69.62	66.48	47.53	49.76	0	0.009	26.29	1.642	0	11.44
10/22/2012 22:00	28457	6.075	195.8	19.84	9.95	2.229	197.5	32.69	6.368	66.23	63.44	54.97	56.84	0	0.003	26.28	1.639	-0.003	16.76
10/22/2012 23:00	28458	5.227	191.4	34.59	11.74	1.814	148	38.22	8.16	63.8	61.1	60.5	62.09	0	0.003	26.27	1.639	0	16.79
10/23/2012 0:00	28459	6.179	194.6	9.72	11.74	2.013	184.3	15.61	6.368	63.79	60.55	62.22	64.85	0	0.002	26.27	1.643	0.003	16.32
10/23/2012 1:00	28460	5.505	222	11.66	11.74	2.013	232.7	19.26	6.368	63.24	61.12	64.49	65.24	0	0.002	26.26	1.643	0	11.53
10/23/2012 2:00	28461	6.189	206.4	8.99	9.95	2.565	199.4	15.73	6.368	62.44	60.24	69.63	69.56	0	0.002	26.24	1.643	0	11.6
10/23/2012 3:00	28462	5.64	177.4	11.85	8.16	0.708	145	14.32	4.578	61.54	58.69	79.65	78.3	0	0.002	26.23	1.643	0	11.58
10/23/2012 4:00	28463	5.841	168.7	10.36	8.16	1.174	152.9	13.48	4.578	60.77	58.44	86.7	85.5	0	0.004	26.22	1.643	0	15.84
10/23/2012 5:00	28464	2.98	190.4	24.97	6.368	0.261	279	15.36	4.578	59.4	57.41	89.4	88.3	0	0.01	26.2	1.64	-0.003	16.69
10/23/2012 6:00	28465	0.821	202.7	37.52	6.368	0.319	97.4	6.755	4.578	58.76	55.39	92	90.6	0	0.015	26.21	1.64	0	16.43
10/23/2012 7:00	28466	1.375	127.4	36.59	4.578	0.821	82.2	16.17	4.578	58.3	53.73	93.1	96.3	0	0.011	26.21	1.64	0	11.7
10/23/2012 8:00	28467	2.474	164	37.66	4.578	0.304	215.2	26.81	4.578	56.06	55.62	93.3	99.9	0	0.307	26.23	1.64	0	11.64
10/23/2012 9:00	28468	2.901	187.2	18.01	6.368	0.964	198.4	14.46	4.578	55.06	55.21	93.7	99.9	0	36.89	26.25	1.64	0	11.76
10/23/2012 10:00	28469	4.99	207.7	16.59	8.16	3.436	210.2	18.11	6.368	57.62	58.03	94.2	99.9	0	141.6	26.27	1.643	0.003	11.65
10/23/2012 11:00	28470	6.313	212.8	15.11	11.74	4.604	215.1	17.94	9.95	61.69	62.6	94.3	99.9	0	422.9	26.31	1.642	0	15.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/23/2012 12:00	28471	7.626	203.1	13.14	13.52	5.694	206.2	16.46	11.74	71.72	73.3	61.98	67.74	0	630.5	26.37	1.645	0.003	13.98
10/23/2012 13:00	28472	7.929	209.7	17.73	15.31	5.766	211.6	21.6	9.95	79.18	80.7	35.08	33.34	0	739.2	26.41	1.642	-0.003	11.56
10/23/2012 14:00	28473	9.73	201.7	18.99	17.1	6.919	204.3	20.61	13.52	82.4	84.3	26.54	25.31	0	791.5	26.4	1.642	0	16.79
10/23/2012 15:00	28474	9.35	207.2	19.18	15.31	6.696	209	21.23	13.52	84.9	86.6	19.94	19.37	0	760.8	26.38	1.642	0	16.88
10/23/2012 16:00	28475	7.97	209.6	25.02	15.31	5.842	210.2	28.16	13.52	86.8	88	13.6	13.85	0	670.5	26.37	1.642	0	11.5
10/23/2012 17:00	28476	11.14	200.3	17.13	18.89	7.843	203	19.58	15.31	86.2	87.6	16.84	16.67	0	523.1	26.35	1.642	0	13.71
10/23/2012 18:00	28477	11.69	183.1	13.71	20.68	7.465	185.2	18.65	15.31	85.4	86.5	16.71	16.88	0	299	26.34	1.642	0	16.63
10/23/2012 19:00	28478	10.04	173.1	8.92	17.1	5.755	175	16.44	13.52	83.5	83.3	20.64	21.32	0	89.4	26.31	1.642	0	16.56
10/23/2012 20:00	28479	7.452	144.1	7.408	9.95	2.895	133.7	15.25	6.368	75.83	72.88	29.57	32.08	0	2.162	26.3	1.639	-0.003	16.55
10/23/2012 21:00	28480	9.15	146.4	6.143	13.52	3.993	143.9	13.56	8.16	71.64	68.77	35.83	38.09	0	0.008	26.27	1.639	0	16.85
10/23/2012 22:00	28481	9.71	153.1	6.001	13.52	4.277	151.3	14.14	8.16	69.71	67.23	37.52	39.55	0	0.009	26.27	1.639	0	13.08
10/23/2012 23:00	28482	12.61	165.3	9.29	18.89	6.903	168.1	17.17	13.52	69.1	68.06	52.63	51.33	0	0.007	26.27	1.642	0.003	11.48
10/24/2012 0:00	28483	12.77	171.9	8.48	18.89	7.33	175.4	15.88	13.52	69.46	68.83	72.02	69.42	0	0.011	26.28	1.642	0	15.66
10/24/2012 1:00	28484	13.2	172.3	8.72	29.63	7.719	174.8	16.45	15.31	68.54	68.1	79.26	76.52	0	0.008	26.27	1.639	-0.003	16.22
10/24/2012 2:00	28485	11.06	177.1	8.86	17.1	6.246	180	16.35	13.52	67.25	66.73	82.8	80.7	0	0.01	26.26	1.639	0	16.38
10/24/2012 3:00	28486	11.6	174.7	9.01	18.89	6.638	177.8	16.54	13.52	66.55	66.22	84.6	82.9	0	0.009	26.25	1.642	0.003	11.52
10/24/2012 4:00	28487	8.93	175.5	8.26	13.52	4.984	179.8	15.72	9.95	64.59	64.2	88	88.4	0	0.006	26.24	1.639	-0.003	11.56
10/24/2012 5:00	28488	6.844	184.9	8.82	9.95	3.686	189.7	14.83	6.368	62.77	62.32	90.7	94.1	0	0.013	26.23	1.642	0.003	11.58
10/24/2012 6:00	28489	6.749	185.5	8.8	11.74	3.536	190.5	14.05	8.16	62.1	61.66	91.7	95.9	0	0.014	26.22	1.639	-0.003	11.74
10/24/2012 7:00	28490	5.558	178.2	9.6	11.74	2.062	177.9	12.02	6.368	61.51	60.71	92.5	99.4	0	0.026	26.23	1.639	0	11.55
10/24/2012 8:00	28491	7.443	180	8.49	9.95	4.022	184.5	15.34	8.16	61.97	61.49	92.3	99.9	0	1.004	26.23	1.639	0	16.23
10/24/2012 9:00	28492	8.32	174.7	9.53	13.52	4.77	179	16.78	8.16	62.05	61.8	92.4	99.9	0	26.74	26.23	1.639	0	16.41
10/24/2012 10:00	28493	9.3	181.3	9.1	15.31	5.758	185.7	15.16	11.74	63.19	63.26	92	99.9	0	93.6	26.24	1.642	0.003	16.33
10/24/2012 11:00	28494	10.21	182.8	10.03	15.31	6.577	186.5	16.55	13.52	64.95	65.36	89.6	99.4	0	173.7	26.26	1.639	-0.003	16.46
10/24/2012 12:00	28495	12.32	182.1	9.79	20.68	7.91	186	15.87	15.31	68.48	69.61	81.1	79.33	0	337.4	26.27	1.642	0.003	16.22
10/24/2012 13:00	28496	13.75	181.3	12.25	20.68	8.92	184.5	18.24	17.1	75.33	77.3	64.72	59.5	0	618.7	26.28	1.642	-0.001	12.04
10/24/2012 14:00	28497	14.47	194.4	13.82	20.68	9.93	197.2	17.45	17.1	79.88	82	53.9	49.37	0	682.4	26.3	1.642	0	16.18
10/24/2012 15:00	28498	14.21	199.4	14.55	24.26	9.82	201.6	17.58	20.68	83.1	85	44.78	41.48	0	689	26.28	1.642	0	11.54
10/24/2012 16:00	28499	14.13	207	13.13	24.26	9.8	208.4	15.61	17.1	85.2	86.5	38	35.85	0	485.5	26.26	1.642	0	11.56
10/24/2012 17:00	28500	15.04	202.8	11.58	24.26	10.2	203.7	15.18	20.68	86.4	87.6	33.88	32.32	0	388.1	26.24	1.642	0	14.04
10/24/2012 18:00	28501	15.17	189.8	10.67	24.26	9.7	192.7	15.92	18.89	86.3	86.9	34.49	33.4	0	217.1	26.22	1.642	0	11.39
10/24/2012 19:00	28502	12.61	178.1	12.31	22.47	7.584	181.3	17.81	15.31	83.8	83.8	43.63	42.43	0	54.53	26.21	1.642	0	16.31
10/24/2012 20:00	28503	13.3	176	9.43	20.68	7.836	179.1	16.5	15.31	79.32	78.89	54.01	52.55	0	2.584	26.2	1.642	0	11.34
10/24/2012 21:00	28504	11.95	180.2	8.76	18.89	7.012	182.8	15.3	13.52	75.12	74.58	60.98	59.21	0	0.029	26.2	1.642	0	11.67
10/24/2012 22:00	28505	12.98	174.5	9.02	20.68	7.544	177.4	16.88	15.31	71.88	71.41	70.22	67.77	0	0.023	26.19	1.642	0	11.49
10/24/2012 23:00	28506	14.58	180.6	8.66	22.47	8.83	184.1	15.71	18.89	69.48	69.13	77.95	74.83	0	0.019	26.18	1.639	-0.003	13.63
10/25/2012 0:00	28507	11.57	180.4	14.06	18.89	6.855	182.9	19.14	13.52	66.89	66.43	83.5	80.5	0	0.008	26.18	1.639	0	11.54
10/25/2012 1:00	28508	9.33	184.4	8.88	17.1	5.325	189.1	14.88	11.74	64.51	63.97	87.9	85.8	0	0.004	26.16	1.642	0.003	11.57
10/25/2012 2:00	28509	6.338	208	19.92	11.74	3.542	212.2	25.05	8.16	62.85	62.15	90.7	91.1	0	0.024	26.14	1.639	-0.003	12.76
10/25/2012 3:00	28510	5.251	212.3	16.86	8.16	1.993	219.2	22.42	4.578	61.89	60.44	92.3	94.9	0	0.044	26.15	1.64	0	11.29
10/25/2012 4:00	28511	4.862	228.3	26.85	11.74	2.179	237.7	33.38	6.368	59.67	58.71	93.5	99.9	0	0.032	26.14	1.643	0.003	15.56
10/25/2012 5:00	28512	6.619	200.8	27.1	13.52	4.111	204.7	32.34	9.95	59.82	59.75	94.3	99.9	0	0.04	26.13	1.643	0	11.49
10/25/2012 6:00	28513	5.189	201.8	30.8	9.95	3.284	204.7	34.01	8.16	59.57	59.61	94.5	99.9	0	0.036	26.14	1.639	-0.003	11.65
10/25/2012 7:00	28514	1.965	76.44	67.54	8.16	0.73	14.23	33.65	6.368	57.92	57.89	94.5	99.9	0	0.043	26.16	1.643	0.003	15.61
10/25/2012 8:00	28515	5.527	4.733	30.08	17.1	3.4	7.308	14.21	13.52	55.92	55.6	93.5	99.9	0	0.367	26.2	1.64	-0.003	16.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/25/2012 9:00	28516	12.94	5.36	9.76	27.84	8.69	0.877	12.39	26.05	57.84	56.7	53.85	72.78	0	66.57	26.22	1.64	0	11.18
10/25/2012 10:00	28517	21.76	24.61	10.24	34.99	13.86	21.58	12.95	31.42	55.06	55.42	63.93	60.24	0	263.1	26.28	1.64	0	11.67
10/25/2012 11:00	28518	22.14	32.96	11.83	33.21	12.93	28.82	14.35	29.63	56.18	56.85	67.05	62.84	0	455.3	26.34	1.639	0	14.42
10/25/2012 12:00	28519	21.26	34.99	12.65	33.21	12.37	29.75	15.23	27.84	58.2	59.1	61.89	57.58	0	611	26.39	1.639	0	11.44
10/25/2012 13:00	28520	17.81	39.16	13.38	31.42	10.27	33.41	15.92	22.47	60.32	61.49	55.94	51.88	0	714.8	26.42	1.642	0.003	12.41
10/25/2012 14:00	28521	17.07	30.57	15.76	27.84	10.7	25.81	17.81	22.47	60.45	61.75	51.57	47.62	0	760.7	26.43	1.642	0	11.73
10/25/2012 15:00	28522	15.38	28.45	13.58	26.05	10.24	22.94	16.61	22.47	62.93	64.18	43.45	40.33	0	739.6	26.42	1.639	-0.003	16.6
10/25/2012 16:00	28523	13.64	38.99	16.11	22.47	8.41	33.17	18.75	17.1	65.45	66.68	36.09	33.81	0	651.1	26.41	1.642	0.003	11.62
10/25/2012 17:00	28524	12.63	41.23	16.13	22.47	7.566	35.73	18.43	15.31	66.64	67.75	32.33	30.49	0	500.3	26.41	1.639	-0.003	16.79
10/25/2012 18:00	28525	12.35	58.26	14.8	20.68	7.543	52.46	20.41	15.31	66.11	67.17	31.96	30.27	0	310.7	26.41	1.642	0.003	11.12
10/25/2012 19:00	28526	10.55	49.1	11.65	17.1	6.391	42.62	17.04	13.52	64.18	64.41	34.73	33.56	0	100	26.4	1.642	0	16.43
10/25/2012 20:00	28527	10.26	49.49	9.84	17.1	5.58	43.1	16.11	11.74	59.88	59.56	39.22	38.28	0	1.527	26.39	1.639	-0.003	11.39
10/25/2012 21:00	28528	10.66	57.37	8.61	17.1	6.447	53.44	16.04	13.52	56.05	55.68	43.91	42.67	0	0.002	26.38	1.64	0	11.71
10/25/2012 22:00	28529	12.56	64.59	9.12	18.89	7.725	59.94	17.1	17.1	53.09	52.7	47.4	45.99	0	0	26.38	1.643	0.003	14.54
10/25/2012 23:00	28530	14.08	68.44	7.799	20.68	8.79	63.09	17.02	17.1	51.06	50.76	49.11	47.42	0	0	26.38	1.64	-0.003	11.78
10/26/2012 0:00	28531	14.14	67.59	8.28	22.47	8.66	62.23	17.05	17.1	48.5	48.22	53.05	50.98	0	0	26.4	1.64	0	15.4
10/26/2012 1:00	28532	13.35	63.95	9.31	29.63	8.1	59.41	17	15.31	46.39	46.15	56.6	54.16	0	0	26.4	1.637	-0.003	11.78
10/26/2012 2:00	28533	12.67	59.72	9.27	20.68	7.725	55.72	17.28	15.31	44.27	44.07	59.98	57.24	0	0	26.4	1.637	0	15.58
10/26/2012 3:00	28534	13.54	54.54	9.65	22.47	7.826	49.16	16.65	18.89	43.08	42.93	60.82	58.03	0	0	26.41	1.644	0.006	12.72
10/26/2012 4:00	28535	12.29	52.03	10.73	24.26	6.942	45.26	16.7	15.31	41.85	41.72	63.02	60.01	0	0	26.42	1.64	-0.003	12.62
10/26/2012 5:00	28536	10.66	42.54	11.86	17.1	5.947	36.83	15.34	13.52	40.65	40.56	65.32	62.07	0	0	26.42	1.637	-0.003	16.61
10/26/2012 6:00	28537	9.86	40.6	10.79	15.31	5.576	35.02	13.52	13.52	39.59	39.54	67.52	64.03	0	0	26.43	1.637	0	16.61
10/26/2012 7:00	28538	7.951	25.57	12.33	13.52	5.305	20.39	14.27	9.95	37.82	37.85	70.61	66.67	0	0	26.44	1.637	0	11.68
10/26/2012 8:00	28539	9.95	21.63	9.74	17.1	6.917	17.31	12.33	15.31	36.53	36.62	73.3	69.07	0	0.246	26.45	1.64	0.003	15.88
10/26/2012 9:00	28540	9.81	26.59	11.49	17.1	6.456	20.86	13.96	15.31	37.15	37.22	72.08	67.79	0	63.1	26.47	1.637	-0.003	16.48
10/26/2012 10:00	28541	14.66	33.87	12.55	26.05	8.74	28.42	14.97	20.68	39.73	40.21	65.94	61.5	0	265.7	26.53	1.637	0	11.75
10/26/2012 11:00	28542	16.54	31.53	13.28	26.05	10.19	26.44	15.74	22.47	42.09	42.94	59.89	55.46	0	464.8	26.59	1.643	0.006	12.01
10/26/2012 12:00	28543	13.5	40.07	15.07	24.26	8.2	34.69	17.74	17.1	45.12	46.35	52.54	48.5	0	621.5	26.62	1.64	-0.003	11.65
10/26/2012 13:00	28544	11.16	30.98	16.1	18.89	7.256	25.81	18.87	18.89	48.2	49.44	46.72	43.14	0	724.2	26.64	1.643	0.003	11.68
10/26/2012 14:00	28545	11.05	35.99	17.81	20.68	7.125	30.8	20.26	17.1	51.25	52.54	41.77	38.64	0	764.3	26.64	1.639	-0.003	11.73
10/26/2012 15:00	28546	12.12	30.24	18.46	22.47	7.852	25.64	21.07	18.89	53.51	54.95	37.75	34.76	0	738.8	26.62	1.639	0	13.83
10/26/2012 16:00	28547	12.53	23.95	16.19	22.47	8.44	19.17	18.11	20.68	54.5	55.58	35.45	32.91	0	649.3	26.61	1.642	0.003	11.71
10/26/2012 17:00	28548	12.55	41.85	16.9	22.47	7.577	35.56	20.02	17.1	54.75	55.92	33.43	31.15	0	504	26.59	1.639	-0.003	11.67
10/26/2012 18:00	28549	12.67	45.47	15.3	22.47	7.413	39.81	19.21	15.31	54.71	55.64	31.21	29.4	0	315.4	26.57	1.642	0.003	11.63
10/26/2012 19:00	28550	12.47	48.08	10.74	20.68	7.097	40.59	16.25	17.1	53.32	53.55	29.39	28.46	0	102.7	26.56	1.639	-0.003	16.71
10/26/2012 20:00	28551	9.25	59.89	8.78	15.31	5.538	57.46	16.58	11.74	49.79	49.3	31.8	31.32	0	1.521	26.54	1.643	0.004	15.55
10/26/2012 21:00	28552	7.734	64.64	7.186	11.74	4.539	65	16.81	8.16	46.05	45.21	35.71	35.38	0	0.001	26.54	1.64	-0.003	11.65
10/26/2012 22:00	28553	8.31	65.02	7.575	11.74	4.767	63.92	16.93	8.16	43.48	42.7	38.37	37.82	0	0	26.53	1.64	0	15.69
10/26/2012 23:00	28554	9.19	67.52	6.545	13.52	5.124	64.84	16.85	9.95	40.76	39.97	41.13	40.49	0	0	26.53	1.64	0	11.69
10/27/2012 0:00	28555	8.32	66.3	6.57	11.74	4.415	65.99	17.39	8.16	38.5	37.44	43.68	43.38	0	0	26.53	1.637	-0.003	11.75
10/27/2012 1:00	28556	8.13	64.77	6.785	15.31	4.641	61.9	15.29	9.95	38.09	37.18	43.41	42.9	0	0	26.52	1.644	0.006	15.71
10/27/2012 2:00	28557	9.15	68.46	5.796	11.74	4.986	63.62	16.1	8.16	36.19	35.27	45.25	44.65	0	0	26.5	1.641	-0.003	11.67
10/27/2012 3:00	28558	8.62	66.72	6.472	11.74	4.818	64.94	16.97	8.16	35.56	34.76	46.03	45.18	0	0	26.48	1.638	-0.003	13.14
10/27/2012 4:00	28559	8.1	73.98	8.22	11.74	4.439	65.63	17.82	8.16	34.49	33.83	47.65	46.47	0	0	26.47	1.638	0	11.62
10/27/2012 5:00	28560	8.25	68.14	6.752	11.74	4.692	61.92	16.26	8.16	33.55	33.05	49.33	47.83	0	0	26.46	1.638	0	16.36

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/27/2012 6:00	28561	6.782	79.71	8.99	11.74	4.109	75.5	18.8	8.16	35.4	35.38	47.91	45.86	0	0	26.45	1.638	0	11.71
10/27/2012 7:00	28562	5.339	76.6	8.48	8.16	2.746	71.69	16.45	6.368	34.51	33.81	50.62	49.25	0	0	26.46	1.638	0	16.42
10/27/2012 8:00	28563	6.175	66.25	7.525	9.95	3.22	62.17	15.59	6.368	33.06	31.99	52.56	51.64	0	0.239	26.45	1.638	0	11.62
10/27/2012 9:00	28564	5.615	83.9	13.38	8.16	3.13	76.86	19.6	6.368	33.51	32.98	52.31	50.5	0	63.72	26.44	1.638	0	16.68
10/27/2012 10:00	28565	8.43	121.6	13.25	13.52	5.404	121.5	22.95	11.74	39.12	40.49	48.37	44.7	0	270.2	26.49	1.637	-0.001	11.69
10/27/2012 11:00	28566	9.25	137.4	15.72	15.31	6.127	138.9	22.96	11.74	42.87	44.79	42.11	38.64	0	472.8	26.54	1.643	0.006	15.76
10/27/2012 12:00	28567	9.07	150.1	19.72	20.68	6.113	153.4	25.09	15.31	46.45	48.63	32.32	29.79	0	631.8	26.57	1.639	-0.004	11.77
10/27/2012 13:00	28568	9.19	162.1	24.47	17.1	6.331	165.1	29.87	13.52	49.73	51.93	25.08	23.26	0	736.4	26.57	1.639	0	11.78
10/27/2012 14:00	28569	9.27	179.5	18.35	22.47	6.532	183.2	24.47	15.31	52.02	54.19	24.67	22.69	0	765.7	26.55	1.642	0.003	15.59
10/27/2012 15:00	28570	10.57	200.9	18.25	18.89	7.604	203.1	21.36	15.31	53.89	55.88	23.03	21.21	0	743.5	26.51	1.642	0	12.09
10/27/2012 16:00	28571	10.54	191.5	22.73	18.89	7.222	193.6	24.98	18.89	55.38	57.41	21.36	19.72	0	655.6	26.48	1.642	0	13.31
10/27/2012 17:00	28572	10.21	179.6	19.7	18.89	6.891	183.4	23.32	15.31	56.31	58.14	20.86	19.43	0	510.7	26.46	1.642	0	11.63
10/27/2012 18:00	28573	9.62	185.5	19.02	17.1	6.545	188.5	23.29	13.52	56.12	57.57	21.22	20.02	0	320.8	26.43	1.642	0	11.74
10/27/2012 19:00	28574	8.24	176.3	10.74	15.31	5	179.1	17.31	11.74	54.65	54.99	22.26	21.87	0	103.9	26.42	1.643	0	12.1
10/27/2012 20:00	28575	6.669	178.8	6.526	9.95	2.545	166	14.49	4.578	49.37	46.57	25.38	27.75	0	1.358	26.39	1.64	-0.003	12.56
10/27/2012 21:00	28576	6.499	154.1	16.53	8.16	2.236	133.6	24.48	4.578	44.86	41.39	30.45	32.98	0	0	26.37	1.64	0	16.08
10/27/2012 22:00	28577	6.905	136.5	6.945	9.95	2.434	120.1	14.64	4.578	42.66	39.48	34.55	36.7	0	0	26.36	1.637	-0.003	16.7
10/27/2012 23:00	28578	6.923	138	9.46	9.95	2.424	125.5	16.65	4.578	40.72	37.67	39.45	41.29	0	0	26.36	1.637	0	12.26
10/28/2012 0:00	28579	7.51	133.2	6.546	11.74	3.013	124	16.43	6.368	40.17	37.49	39.01	40.96	0	0	26.36	1.64	0.003	12.85
10/28/2012 1:00	28580	8.27	125.6	7.364	15.31	3.823	121	16.97	8.16	39.84	37.9	39.8	40.59	0	0	26.37	1.637	-0.003	11.27
10/28/2012 2:00	28581	7.74	125.3	10.49	11.74	3.485	118.7	19.83	6.368	38.86	36.84	43.03	43.63	0	0	26.37	1.637	0	11.75
10/28/2012 3:00	28582	6.337	102.6	12.08	9.95	2.979	84.1	19.27	6.368	37.04	34.86	47.75	48.31	0	0	26.37	1.638	0	11.69
10/28/2012 4:00	28583	7.914	86.1	7.811	11.74	3.879	75.62	16.02	6.368	37.12	35.35	49.65	49.69	0	0	26.36	1.638	0	15.16
10/28/2012 5:00	28584	7.948	75.66	7.482	9.95	4.191	66.55	16.03	8.16	35.31	33.98	53.43	52.42	0	0	26.36	1.638	0	15.83
10/28/2012 6:00	28585	7.264	89.4	12.13	9.95	3.609	76.9	17.86	6.368	34.97	33.07	55.13	54.75	0	0	26.35	1.638	0	11.75
10/28/2012 7:00	28586	7.221	97.4	7.309	9.95	3.347	82.1	14.29	6.368	36.23	33.29	54.56	55.91	0	0	26.36	1.638	0	11.76
10/28/2012 8:00	28587	6.808	98.6	6.769	9.95	3.247	80.2	15.09	6.368	35.59	33.06	56.12	56.91	0	0.221	26.37	1.638	0	14.5
10/28/2012 9:00	28588	6.943	101.1	12.04	13.52	3.66	91.7	20.6	9.95	36.85	35.6	55.08	54.32	0	60.66	26.38	1.638	0	15.75
10/28/2012 10:00	28589	10.19	128	9.79	15.31	6.285	129.3	19.79	11.74	44.21	45.39	43.93	41.2	0	263.8	26.43	1.64	0.002	11.74
10/28/2012 11:00	28590	9.89	145.8	13.85	15.31	6.29	148.1	20.91	11.74	49.74	51.64	35.66	33.04	0	460.7	26.51	1.639	-0.001	11.28
10/28/2012 12:00	28591	10.37	165	18.33	22.47	6.937	168.6	25.03	17.1	53.64	55.71	30.67	28.31	0	617.2	26.54	1.642	0.003	11.78
10/28/2012 13:00	28592	8.89	171.6	22.59	17.1	6.046	176.4	29.34	13.52	57.67	59.69	28.9	26.7	0	720.1	26.56	1.639	-0.003	16.06
10/28/2012 14:00	28593	9.47	160.1	21.18	17.1	6.319	164.5	26.83	13.52	60.5	62.96	27.48	25.17	0	763.7	26.55	1.639	0	15.39
10/28/2012 15:00	28594	8.04	161.1	30.51	17.1	5.576	164.3	38.22	13.52	63.31	65.47	26.35	24.38	0	744.2	26.54	1.642	0.003	11.82
10/28/2012 16:00	28595	8.92	160.1	26.79	17.1	6.125	164.3	33.12	13.52	64.79	66.83	25.81	23.91	0	664.9	26.52	1.639	-0.003	11.81
10/28/2012 17:00	28596	9.8	159	22.83	18.89	6.307	161.6	28.85	13.52	65.38	67.51	25.18	23.32	0	500.1	26.5	1.642	0.003	11.73
10/28/2012 18:00	28597	9.84	157.5	13.33	15.31	5.789	160.5	20.03	11.74	63.05	63.75	27.63	26.49	0	141.5	26.46	1.639	-0.003	14.06
10/28/2012 19:00	28598	8.54	145	10.95	13.52	4.788	146.6	17.5	11.74	61.13	60.96	30.52	29.89	0	46.99	26.43	1.642	0.003	11.72
10/28/2012 20:00	28599	7.421	126	7.691	9.95	3.105	118.2	17.26	6.368	56.61	54.39	35.94	36.99	0	1.504	26.41	1.643	0	13.2
10/28/2012 21:00	28600	8.48	120.6	9	11.74	3.881	116.2	19.61	6.368	53.67	51.55	40.66	41.48	0	0.001	26.39	1.637	-0.006	11.81
10/28/2012 22:00	28601	8.72	114.5	9.46	13.52	4.402	109.5	21.09	8.16	52.14	50.66	43.78	43.78	0	0.004	26.39	1.64	0.003	15.67
10/28/2012 23:00	28602	8.57	128.4	8.67	13.52	4.037	123.7	18.14	8.16	51	49.43	46.93	47	0	0.003	26.4	1.64	0	11.78
10/29/2012 0:00	28603	7.504	138.7	7.425	9.95	3.134	130.4	17.03	6.368	49.29	47.05	49.78	50.58	0	0	26.39	1.637	-0.003	11.82
10/29/2012 1:00	28604	6.259	122.9	9.83	13.52	2.408	90.2	20.39	4.578	47.24	44.39	53.77	55.27	0	0	26.38	1.637	0	11.8
10/29/2012 2:00	28605	6.557	81.9	23.58	9.95	3.269	63.57	15.32	6.368	45.41	43.38	56.7	56.98	0	0	26.37	1.637	0	15.72

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/29/2012 3:00	28606	7.85	81.9	6.484	11.74	4.017	71.85	16.56	6.368	42.71	41.64	62.92	61.2	0	0	26.36	1.637	0	11.8
10/29/2012 4:00	28607	8.67	85.2	6.28	11.74	4.467	78.7	16.21	8.16	42.34	41.19	61.7	60.59	0	0	26.35	1.64	0.003	11.73
10/29/2012 5:00	28608	7.774	73.62	9.4	9.95	4.149	63.06	15.9	8.16	41.63	40.48	60.9	59.91	0	0	26.35	1.64	0	11.73
10/29/2012 6:00	28609	8.2	62.78	7.394	11.74	4.43	58.7	16.07	8.16	40.07	39.14	63.06	61.4	0	0	26.35	1.64	0	11.77
10/29/2012 7:00	28610	7.853	74.92	8.71	11.74	4.115	65.71	17.58	6.368	38.65	37.48	64.79	63.33	0	0	26.34	1.637	-0.003	11.81
10/29/2012 8:00	28611	7.616	73.67	7.142	9.95	4.028	62.77	15.42	6.368	38.87	37.66	64.83	63.42	0	0.182	26.34	1.637	0	11.25
10/29/2012 9:00	28612	7.355	75.65	9.14	9.95	3.999	65.3	17.66	8.16	39.5	38.65	64.92	62.76	0	58.57	26.36	1.637	0	16.68
10/29/2012 10:00	28613	7.215	122.8	22.42	11.74	4.734	121.9	30.76	8.16	46.19	47.36	55.94	52.05	0	257.7	26.41	1.643	0.006	12.92
10/29/2012 11:00	28614	7.86	164.9	17.14	13.52	5.303	169.4	23.2	9.95	52.59	54.24	47.6	44.07	0	451.5	26.48	1.639	-0.004	16.62
10/29/2012 12:00	28615	6.904	178.7	21.42	13.52	4.875	182.1	26.77	9.95	58.43	60.14	41.04	38.11	0	608.4	26.52	1.642	0.003	15.91
10/29/2012 13:00	28616	6.969	171.4	25.44	13.52	5.005	174.5	28.45	9.95	64.9	66.61	34.62	32.36	0	712.4	26.55	1.642	0	11.81
10/29/2012 14:00	28617	7.132	196.4	24.91	13.52	5.271	199.3	30.49	11.74	69.48	70.76	30.22	28.46	0	755.2	26.55	1.639	-0.003	11.71
10/29/2012 15:00	28618	7.859	201.7	21.92	15.31	5.754	203.9	26.04	11.74	72.03	73.57	26.49	24.84	0	731.3	26.53	1.642	0.003	11.82
10/29/2012 16:00	28619	7.882	215.9	22.9	13.52	5.884	217.6	26.01	11.74	74.61	75.74	21.12	20.15	0	640.5	26.5	1.642	0	14.45
10/29/2012 17:00	28620	7.768	205.4	16.71	15.31	5.791	208.3	18.86	11.74	75.73	76.75	19.18	18.53	0	493	26.48	1.639	-0.003	12.7
10/29/2012 18:00	28621	8.78	197	12.89	15.31	6.139	198.5	17.49	11.74	75.89	76.94	15.91	15.77	0	306.6	26.45	1.642	0.003	11.71
10/29/2012 19:00	28622	8.82	193.8	11.32	15.31	5.441	195.8	15.3	11.74	73.79	73.51	16.83	17.39	0	81.9	26.43	1.642	0	12.27
10/29/2012 20:00	28623	5.571	154.2	14.1	8.16	1.505	125.3	22.96	2.789	65.83	62.37	27.42	29.56	0	1.014	26.4	1.639	-0.003	11.67
10/29/2012 21:00	28624	7.09	138.8	5.415	9.95	2.304	120.3	15.24	4.578	60.93	56.9	35.19	37.8	0	0.001	26.37	1.639	0	11.27
10/29/2012 22:00	28625	7.109	151.6	9.95	9.95	2.69	146.5	15.89	4.578	57.62	54.73	43.49	44.84	0	0	26.35	1.637	-0.003	16.75
10/29/2012 23:00	28626	8.38	176.2	7.81	13.52	4.223	179.4	14.99	9.95	55.83	53.88	46.78	47.32	0	0	26.34	1.64	0.003	11.63
10/30/2012 0:00	28627	6.399	202.8	12.23	9.95	3.048	208.8	16.84	6.368	53.72	51.82	50.24	50.58	0	0	26.33	1.637	-0.003	11.78
10/30/2012 1:00	28628	5.195	227.6	12.88	13.52	1.801	240.4	16.56	4.578	52.11	49.02	52.78	54.79	0	0	26.31	1.64	0.003	11.73
10/30/2012 2:00	28629	4.917	203.5	44.31	8.16	1.795	224.9	74.3	4.578	50.2	46.17	55.91	59	0	0	26.29	1.637	-0.003	11.22
10/30/2012 3:00	28630	5.154	278.1	13.1	6.368	1.827	300.5	8.66	4.578	49.58	44.58	57.26	62.04	0	0	26.28	1.637	0	14.7
10/30/2012 4:00	28631	4.722	299	12.32	6.368	1.455	311.3	19.71	4.578	48.97	44.25	57.53	62.53	0	0	26.26	1.637	0	11.75
10/30/2012 5:00	28632	5.215	312.7	53.81	8.16	2.196	321.4	59.1	6.368	47.12	42.48	59.96	64.1	0	0	26.25	1.637	0	11.28
10/30/2012 6:00	28633	2.641	25.33	31.85	8.16	0.506	66.63	14.43	4.578	44.94	40.9	62.58	65.76	0	0	26.24	1.64	0.003	15.95
10/30/2012 7:00	28634	1.905	340.6	41.54	8.16	1.129	72.6	35.73	6.368	44.52	38.47	63.75	68.43	0	0	26.23	1.637	-0.003	16.4
10/30/2012 8:00	28635	3.626	31.31	39.43	6.368	1.881	59.6	20.76	4.578	44.89	41.58	62.35	64.94	0	0.153	26.24	1.637	0	11.25
10/30/2012 9:00	28636	5.018	24.39	11.46	8.16	2.493	30.38	14.64	6.368	43.22	42.13	65.98	64.07	0	57.46	26.25	1.64	0.003	14.05
10/30/2012 10:00	28637	3.325	39.94	26.78	8.16	2.017	39.06	21.44	6.368	52.54	52.71	53.61	51.26	0	254.8	26.31	1.637	-0.004	14.72
10/30/2012 11:00	28638	9.27	9.14	18.6	17.1	6.619	5.221	20.15	13.52	61.52	62.03	29.7	29.13	0	452.2	26.39	1.639	0.003	11.24
10/30/2012 12:00	28639	7.609	353.7	16.4	13.52	5.634	351	18.36	9.95	67.71	68.38	20.41	19.94	0	612.5	26.44	1.642	0.003	16.21
10/30/2012 13:00	28640	5.251	2.209	30.57	11.74	4.05	359.3	31.84	9.95	73.35	73.84	16.47	16.48	0	716.2	26.47	1.639	-0.003	16.68
10/30/2012 14:00	28641	3.69	7.273	74.2	8.16	2.835	347.5	68.16	8.16	78.75	78.97	13.05	13.56	0	757.7	26.48	1.642	0.003	11.76
10/30/2012 15:00	28642	4.314	244.6	71.81	9.95	3.353	243.4	67.76	9.95	80.2	80.7	10.94	11.37	0	731.4	26.46	1.638	-0.003	16.66
10/30/2012 16:00	28643	3.684	209.9	75.86	11.74	2.92	211.4	71.02	11.74	82.2	82.3	9.01	9.86	0	640.4	26.44	1.642	0.003	11.76
10/30/2012 17:00	28644	4.938	238.6	65.53	13.52	3.767	235.3	63.17	11.74	82.7	83.1	8.31	9	0	492.9	26.43	1.639	-0.003	12.13
10/30/2012 18:00	28645	5.897	198.4	49.21	9.95	4.202	200.6	48.69	9.95	81.5	82.4	9.3	9.88	0	302.1	26.41	1.642	0.003	15.38
10/30/2012 19:00	28646	8.87	103.4	20.22	18.89	5.455	99.2	27.68	13.52	77.49	77.5	14.63	15.3	0	91.8	26.4	1.642	0	15.92
10/30/2012 20:00	28647	8.85	78.81	9.05	11.74	4.498	72.36	17.72	8.16	68.73	67.08	24.48	25.37	0	0.914	26.37	1.639	-0.003	11.35
10/30/2012 21:00	28648	9.78	67.72	5.601	13.52	5.399	59.9	14.47	8.16	62.47	61.13	34.8	34.74	0	0.001	26.35	1.646	0.007	15.62
10/30/2012 22:00	28649	9.51	73.38	7.442	13.52	4.935	62.74	16.12	9.95	60.69	59.08	41.19	41.29	0	0.001	26.34	1.646	0	15.52
10/30/2012 23:00	28650	8.54	77.61	7.74	13.52	4.245	67.31	16.74	8.16	58.54	56.75	45.73	46.08	0	0	26.34	1.64	-0.006	14.6

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/31/2012 0:00	28651	9.07	82.7	6.404	11.74	4.381	75.81	16.81	8.16	58.08	56.13	47.35	47.92	0	0	26.34	1.64	0	11.66
10/31/2012 1:00	28652	8.11	75.61	7.142	17.1	4.133	63.18	15.92	6.368	56.53	54.71	51.14	51.28	0	0	26.33	1.64	0	11.27
10/31/2012 2:00	28653	7.222	75.43	7.655	9.95	3.598	62.23	14.89	6.368	54.4	52.23	55.74	56.11	0	0	26.32	1.637	-0.003	11.48
10/31/2012 3:00	28654	7.572	79.21	7.609	11.74	3.835	63.88	14.35	6.368	54.41	51.84	56.32	57.63	0	0	26.31	1.64	0.003	11.7
10/31/2012 4:00	28655	4.873	67.65	14.78	8.16	1.414	59.86	17.95	4.578	55.5	51.27	53.69	58.03	0	0	26.31	1.637	-0.003	11.63
10/31/2012 5:00	28656	4.768	55.19	10.28	8.16	1.562	68.89	37.38	6.368	54.58	48.48	55.68	62.34	0	0	26.3	1.64	0.003	15.6
10/31/2012 6:00	28657	4.865	44.04	13.14	8.16	1.946	49.71	26.3	6.368	52.2	49.83	60.35	61.43	0	0	26.3	1.637	-0.003	16.51
10/31/2012 7:00	28658	5.118	37.18	5.451	8.16	2.064	39.1	8.68	6.368	51.44	49.1	60.21	61.33	0	0	26.31	1.64	0.003	11.76
10/31/2012 8:00	28659	4.693	27.31	13.7	8.16	1.931	32.51	18.48	4.578	51.13	48.22	61.52	63.57	0	0.134	26.31	1.64	0	11.76
10/31/2012 9:00	28660	4.911	26.03	10.8	8.16	2.148	39.96	11.86	6.368	50.36	48.94	63.97	63.05	0	51.54	26.33	1.637	-0.003	11.83
10/31/2012 10:00	28661	4.268	48.37	10.95	8.16	2.187	40.59	12.64	4.578	56.34	56.64	54.7	52.2	0	242.5	26.38	1.64	0.003	11.52
10/31/2012 11:00	28662	4.246	154.1	69.08	9.95	2.882	181.7	62.09	8.16	65.87	66.63	41.71	39.98	0	438.1	26.47	1.639	-0.001	11.79
10/31/2012 12:00	28663	5.868	155.4	34.16	13.52	4.155	157.6	39.57	11.74	71.26	72.52	32.14	30.87	0	596.1	26.53	1.642	0.003	16.06
10/31/2012 13:00	28664	8.67	158.5	19.1	15.31	5.904	164.1	24.69	11.74	74.5	76.52	25.56	24.12	0	700.2	26.54	1.639	-0.003	11.74
10/31/2012 14:00	28665	8.67	173.6	22.72	18.89	5.769	177.5	28.41	17.1	77.14	79.27	22.48	21.16	0	740.4	26.53	6.247	4.608	16.69
10/31/2012 15:00	28666	8.87	165.2	24.77	17.1	5.846	168.7	23.98	22.47	78.95	80.9	18.23	17.48	0	716.7	26.51	6.25	0.003	12.41
10/31/2012 16:00	28667	4.291	185	54.52	22.47	5.022	174	35.19	13.52	81.8	81.5	15.89	16.55	0	625.4	26.48	6.247	-0.003	11.49
10/31/2012 17:00	28668	6.795	107	42.89	15.31	5.758	137.1	32.36	11.74	80.6	81.3	17.16	17.2	0.12	478.9	26.47	5.693	-0.555	11.42
10/31/2012 18:00	28669	8.76	144.1	16.75	15.31	5.692	147.4	22.65	11.74	78.83	80.2	17.67	17.29	0	291.1	26.45	5.683	-0.01	11.88
10/31/2012 19:00	28670	7.956	145.9	8.35	13.52	4.414	147.9	15.48	9.95	76.28	76.1	19.22	19.72	0	84.2	26.45	5.667	-0.016	16.74
10/31/2012 20:00	28671	7.8	131.8	5.753	9.95	2.823	116.4	16.3	4.578	69.19	65.24	27	30.02	0	0.741	26.42	5.663	-0.005	16.75
10/31/2012 21:00	28672	8.61	124.9	5.719	11.74	3.301	114	15.94	6.368	65.38	60.96	31.48	35.13	0	0.002	26.39	5.651	-0.012	16.75
10/31/2012 22:00	28673	8.01	126.8	4.506	9.95	2.667	109.9	15.42	4.578	63.52	58.89	33.36	37.38	0	0.001	26.38	5.648	-0.003	11.91
10/31/2012 23:00	28674	8.14	126.8	8.21	9.95	2.976	117.8	16.65	6.368	61.67	57.9	36.47	39.55	0	0.001	26.38	5.642	-0.006	16.61
11/1/2012 0:00	28675	5.975	138.4	28.71	9.95	1.957	108.1	37.61	6.368	60	55.76	38.19	42.21	0	0.001	26.38	5.639	-0.003	11.64
11/1/2012 1:00	28676	0.883	208.5	12.93	4.578	0.124	298.7	5.234	2.789	56.9	53.77	42.57	45.49	0	0	26.37	5.633	-0.006	11.46
11/1/2012 2:00	28677	0.804	123.2	5.578	4.578	1.017	56.45	3.679	2.789	57.01	54.53	44.15	45.71	0	0	26.36	5.63	-0.003	11.56
11/1/2012 3:00	28678	1.067	115.9	6.318	8.16	1.034	69.42	7.439	4.578	56.45	52.95	47.4	49.34	0	0	26.36	5.63	0	13.75
11/1/2012 4:00	28679	6.087	110.2	8.85	9.95	2.739	76.45	13.62	6.368	53.91	50.19	56.13	57.33	0	0	26.35	5.624	-0.006	15.74
11/1/2012 5:00	28680	5.706	99.3	12.11	8.16	2.787	68.32	13.85	4.578	54.18	51.02	64.24	64.61	0	0	26.34	5.62	-0.003	15.53
11/1/2012 6:00	28681	4.082	105.5	15.03	6.368	1.476	62.76	7.716	4.578	54.65	51.22	67.11	67.55	0	0	26.33	5.617	-0.003	16.66
11/1/2012 7:00	28682	2.011	133.7	13.54	4.578	0.379	57.7	3.543	2.789	54.16	49.99	69.94	70.5	0	0	26.33	5.614	-0.003	15.37
11/1/2012 8:00	28683	0.893	143.8	10.88	4.578	0.414	67.54	2.081	2.789	51.18	45.48	76.06	78	0	0.111	26.33	5.616	0.001	11.76
11/1/2012 9:00	28684	2.328	1.418	54.72	6.368	0.655	59	8.74	4.578	53.09	48.97	73.54	73.83	0	50.94	26.34	5.523	-0.093	11.92
11/1/2012 10:00	28685	5.704	109	38.21	11.74	3.172	112.1	45.95	8.16	59.31	59.74	64.69	60.92	0	242.8	26.4	5.525	0.002	15.92
11/1/2012 11:00	28686	12.5	176.4	12.43	20.68	7.852	180.8	18.35	17.1	66.45	67.74	47.17	44.25	0	438.3	26.46	5.52	-0.005	16.78
11/1/2012 12:00	28687	13.91	186.6	14.78	20.68	9.12	190.4	18.32	17.1	70.38	72.08	41.28	38.22	0	594.4	26.5	5.518	-0.001	11.9
11/1/2012 13:00	28688	11.97	189.9	14.73	18.89	8.12	193.5	19.14	15.31	73.71	75.69	39.1	35.98	0	697.3	26.5	5.42	-0.098	11.77
11/1/2012 14:00	28689	9.98	190.7	20.04	20.68	7.027	193.6	23.41	13.52	77.53	79.45	31.35	29.07	0	736.2	26.5	5.413	-0.007	15.09
11/1/2012 15:00	28690	11.02	182.8	19.99	18.89	7.431	186.1	24.06	15.31	79.29	81.4	22.63	21.11	0	712.8	26.47	5.394	-0.019	11.82
11/1/2012 16:00	28691	10.95	183.8	19.84	18.89	7.273	187.2	24.15	15.31	80.2	82.2	17.49	16.64	0	625.2	26.45	5.372	-0.022	16.82
11/1/2012 17:00	28692	11.28	194.8	17.15	18.89	7.759	198.4	21.01	13.52	80.6	82	13.55	13.29	0	482.8	26.43	5.35	-0.022	15.98
11/1/2012 18:00	28693	10.21	193.9	12.9	17.1	6.914	197	17.09	13.52	79.96	81	12.95	13.04	0	293.3	26.41	5.335	-0.015	11.49
11/1/2012 19:00	28694	8.22	190.2	10.48	13.52	4.612	191.9	15.6	11.74	77.21	76.81	15.6	16.39	0	86.4	26.4	5.319	-0.016	11.75
11/1/2012 20:00	28695	6.1	175.5	14.03	8.16	1.815	138.8	25.39	4.578	70.52	66.17	22.52	25.73	0	0.761	26.37	5.314	-0.005	16.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/1/2012 21:00	28696	6.696	143.8	10.42	9.95	2.052	104.8	13.32	4.578	66.19	61.18	28.12	31.72	0	0.005	26.33	5.305	-0.009	16.07
11/1/2012 22:00	28697	7.234	128.8	8.2	9.95	2.536	103.4	21.81	4.578	61.93	57.84	37.23	39.74	0	0.002	26.31	5.296	-0.008	16.59
11/1/2012 23:00	28698	6.294	157.4	16.19	9.95	1.283	147.3	16.15	4.578	58.66	55.64	44.83	46.28	0	0.001	26.3	5.291	-0.006	11.35
11/2/2012 0:00	28699	5.36	157.4	13.95	8.16	0.862	131.8	10.69	2.789	56.59	53.56	55.77	56.19	0	0	26.29	5.287	-0.003	16.06
11/2/2012 1:00	28700	4.386	179.6	29.4	6.368	0.373	267.2	26.55	2.789	56.19	52.75	65.97	66.64	0	0	26.28	5.284	-0.003	11.36
11/2/2012 2:00	28701	3.08	197.1	17.1	6.368	0.105	338.9	2.85	2.789	55.75	52.08	71.69	72.43	0	0	26.28	5.281	-0.003	11.86
11/2/2012 3:00	28702	3.425	198.3	15.19	6.368	0	0	0	0	55.34	51.78	76.87	77.53	0	0	26.27	5.284	0.003	15.7
11/2/2012 4:00	28703	4.295	194	13.26	9.95	0.388	191.9	5.222	6.368	55.05	51.8	82.1	81.8	0	0	26.25	5.278	-0.006	16.08
11/2/2012 5:00	28704	4.179	188.5	9.11	6.368	0.057	172	1.262	2.789	54.07	51.44	87.9	87.5	0	0	26.25	5.278	0	11.87
11/2/2012 6:00	28705	4.167	210.5	18.79	6.368	0.164	260.9	9.24	2.789	52.86	49.92	91.3	92.6	0	0	26.24	5.278	0	11.91
11/2/2012 7:00	28706	2.928	223.6	16.25	4.578	0.08	306.6	0.576	2.789	52.26	48.64	92.9	96	0	0	26.23	5.278	0	12.26
11/2/2012 8:00	28707	3.834	245.2	27.49	8.16	0.643	297	7.631	4.578	52.29	48.98	93.5	99.9	0	0.082	26.23	5.275	-0.003	11.6
11/2/2012 9:00	28708	3.378	255.5	20.13	6.368	0.556	304.5	4.04	4.578	52.1	48.96	93.8	99.9	0	38.47	26.25	5.275	0	11.5
11/2/2012 10:00	28709	4.532	262.3	23.85	9.95	3.044	263.1	23.74	8.16	55.07	54.37	91.3	99.9	0	230.3	26.29	5.275	-0.001	11.92
11/2/2012 11:00	28710	7.209	218.6	12.98	11.74	5.421	219.5	15.84	9.95	60.38	60.96	77.54	87.8	0	429.4	26.36	5.273	-0.002	11.88
11/2/2012 12:00	28711	7.332	223.2	17.24	11.74	5.692	224.9	19.27	9.95	67.26	68.12	58.78	55.13	0	585.6	26.4	5.271	-0.002	12.35
11/2/2012 13:00	28712	6.969	247.2	20.5	11.74	5.297	245.5	24.32	9.95	75.38	76.23	36.44	34.55	0	693.2	26.42	5.271	0	11.83
11/2/2012 14:00	28713	7.604	275	22.6	17.1	5.678	275.5	26.06	13.52	81.3	81.9	19.96	19.52	0	733	26.42	5.267	-0.004	11.8
11/2/2012 15:00	28714	11.54	279.8	21.37	27.84	8.7	279.5	24.94	20.68	83.4	84.1	7.38	8	0	708.2	26.4	5.264	-0.003	11.75
11/2/2012 16:00	28715	10.28	270.1	22.74	22.47	7.388	269.2	27.4	17.1	83.6	84.4	5.934	6.61	0	618.2	26.38	5.251	-0.013	11.57
11/2/2012 17:00	28716	9.3	268.4	19.9	26.05	6.95	266.9	24.6	17.1	83.6	84.2	5.584	6.341	0	473.7	26.37	5.232	-0.019	11.88
11/2/2012 18:00	28717	7.115	277.1	28.13	13.52	5.262	277.6	28.64	9.95	83.2	83.5	6.027	6.865	0	280.7	26.35	5.223	-0.009	16.86
11/2/2012 19:00	28718	5.147	286.3	23.28	9.95	2.88	288.3	24.93	8.16	80.4	79.05	7.963	10.08	0	68.81	26.34	5.214	-0.009	15.89
11/2/2012 20:00	28719	3.009	335.4	30.95	6.368	0.633	347.4	9.5	2.789	74.59	69.61	10.63	16.45	0	0.422	26.31	5.206	-0.008	16
11/2/2012 21:00	28720	3.585	133	46.8	8.16	0.965	127.3	40.65	6.368	70.99	64.21	14.9	20.25	0	0.003	26.29	5.2	-0.006	13.42
11/2/2012 22:00	28721	2.749	97.5	14.22	4.578	1.046	65.44	5.962	4.578	70.19	62.63	19.74	24.38	0	0.003	26.28	5.194	-0.006	16.78
11/2/2012 23:00	28722	5.269	115.5	23.72	13.52	2.507	93.5	35.97	6.368	69.14	62.58	23.31	27.65	0	0.002	26.28	5.192	-0.003	11.77
11/3/2012 0:00	28723	5.699	172	20.12	9.95	1.007	142.5	13.43	4.578	65.24	60.81	36.35	38.72	0	0.003	26.29	5.185	-0.006	16.74
11/3/2012 1:00	28724	5.278	186.5	12.87	8.16	0.929	194.3	15.96	4.578	61.3	58.03	47.55	47.98	0	0.001	26.28	5.183	-0.003	15.89
11/3/2012 2:00	28725	4.705	172.9	29.47	9.95	0.744	206	24.76	4.578	58.28	55.4	62.91	62.43	0	0.001	26.27	5.18	-0.003	11.54
11/3/2012 3:00	28726	4.572	232.9	22.36	8.16	0.951	256.2	17.9	4.578	57.36	54.07	67.25	68.33	0	0	26.27	5.176	-0.003	11.86
11/3/2012 4:00	28727	3.799	178.2	16.94	6.368	0.071	160.9	3.449	2.789	57.08	54.23	73.96	73.32	0	0.001	26.27	5.176	0	12
11/3/2012 5:00	28728	4.313	256.4	43.61	15.31	1.359	300.4	10.17	11.74	56.69	53.27	78.38	78.76	0	0	26.27	5.176	0	11.91
11/3/2012 6:00	28729	3.685	296.9	28.54	15.31	1.91	309.3	34.77	11.74	56.36	53.94	77.68	76.34	0	0.001	26.28	5.173	-0.003	12.26
11/3/2012 7:00	28730	6.031	154.2	97.3	15.31	2.85	345.7	68.89	11.74	56.68	53.8	78.13	78.22	0	0.001	26.29	5.173	0	16.62
11/3/2012 8:00	28731	7.857	62.63	30.98	15.31	4.251	62.32	36.22	9.95	56.99	56.31	77.01	74.39	0	0.073	26.32	5.173	0	16.76
11/3/2012 9:00	28732	11.59	39.99	15.99	22.47	6.945	36.05	19.77	18.89	54.92	54.77	70.51	67.69	0	53.34	26.37	5.17	-0.003	11.9
11/3/2012 10:00	28733	15.09	28.41	11.47	24.26	9.78	24.49	14.14	20.68	52.84	53.03	53.18	50.57	0	107.9	26.39	5.17	0	15.53
11/3/2012 11:00	28734	13.2	31.85	11.87	20.68	8	28.44	14.23	18.89	53.75	54.03	53.32	50.45	0	146.6	26.42	5.16	-0.01	12.34
11/3/2012 12:00	28735	8.16	24.77	12.7	18.89	5.484	20.91	16.55	15.31	55.39	55.76	51.33	48.53	0	193.4	26.45	5.157	-0.004	11.92
11/3/2012 13:00	28736	7.425	67.14	19.91	11.74	4.726	60.96	25.25	9.95	57.74	58.32	49.61	46.96	0	154.4	26.47	5.153	-0.004	11.88
11/3/2012 14:00	28737	7.255	38.9	28.42	13.52	4.867	35.15	29.11	11.74	60.13	60.57	49.16	46.62	0	179.4	26.45	5.149	-0.003	11.96
11/3/2012 15:00	28738	10.88	0.54	25.92	15.31	8.08	357.3	26.03	13.52	62.35	62.69	47.44	45.64	0	185.6	26.43	5.146	-0.003	11.89
11/3/2012 16:00	28739	12.89	340.5	10.46	20.68	10.04	336.8	13.12	17.1	60.6	60.98	52.97	50.72	0	163.3	26.41	5.146	0	11.84
11/3/2012 17:00	28740	9.67	57.1	34.28	17.1	6.186	54.84	35.76	13.52	62.32	62.7	49.58	47.41	0	165.8	26.4	5.143	-0.003	11.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/3/2012 18:00	28741	8.05	89.9	23.5	13.52	5.244	85.1	32.16	9.95	65.95	67.42	42.85	40.16	0	325.5	26.44	5.14	-0.003	16.72
11/3/2012 19:00	28742	7.295	100.1	16.77	11.74	4.436	97.9	25.45	8.16	63.57	63.66	46.28	44.7	0	67.6	26.46	5.137	-0.003	11.96
11/3/2012 20:00	28743	6.741	61.05	8.01	9.95	3.616	62.44	15.85	6.368	58.78	57.63	53.59	52.69	0	0.517	26.43	5.134	-0.003	15.8
11/3/2012 21:00	28744	7.443	62.17	9.03	11.74	3.884	60.43	16.91	8.16	56.39	55.06	58.3	57.44	0	0.001	26.41	5.126	-0.008	13.47
11/3/2012 22:00	28745	7.495	63.19	6.302	9.95	3.763	62.78	16.17	8.16	54.56	52.63	62.02	61.66	0	0.001	26.41	5.122	-0.003	11.33
11/3/2012 23:00	28746	7.349	60.53	8.3	9.95	3.483	57.27	16.5	6.368	53.06	51.37	65.16	64.4	0	0.001	26.41	5.119	-0.003	15.03
11/4/2012 0:00	28747	7.325	61.1	8.93	11.74	3.782	58.35	15.51	8.16	52.39	50.98	66.84	65.72	0	0	26.4	5.116	-0.003	11.93
11/4/2012 1:00	28748	8.92	66.72	5.951	15.31	5.146	60.07	14.67	8.16	50.49	49.49	70.24	68.1	0	0	26.41	5.113	-0.003	11.43
11/4/2012 2:00	28749	7.788	65.15	7.642	13.52	4.247	58.27	15.2	8.16	49.23	48.17	73.24	71.01	0	0	26.41	5.11	-0.003	16.3
11/4/2012 3:00	28750	7.1	54.41	10.61	9.95	3.596	48.62	16.85	6.368	49.4	48.34	74.08	71.99	0	0	26.41	5.107	-0.003	11.94
11/4/2012 4:00	28751	7.45	53.61	10.78	11.74	4.122	49.99	17.7	8.16	49.56	48.87	74.17	71.49	0	0	26.41	5.107	0	11.9
11/4/2012 5:00	28752	6.753	51.28	17.08	9.95	3.537	47.69	21.63	8.16	47.59	46.9	76.33	73.49	0	0	26.42	5.104	-0.003	16.55
11/4/2012 6:00	28753	5.534	36.15	10.62	8.16	2.362	31.48	10.59	6.368	46.12	45.65	77.06	73.74	0	0	26.4	5.102	-0.002	16.46
11/4/2012 7:00	28754	5.629	47.59	11.37	9.95	2.222	43.69	13.4	6.368	47.21	46.22	74.68	72.68	0	0	26.4	5.102	0	11.92
11/4/2012 8:00	28755	6.138	42.92	9.06	9.95	2.954	35.39	11.69	8.16	46.24	45.7	75.48	72.47	0	0.059	26.41	5.102	0	11.93
11/4/2012 9:00	28756	5.53	45.48	9.63	8.16	2.435	35.07	12.23	6.368	46.57	45.88	73.98	71.32	0	39.11	26.42	5.099	-0.003	16.41
11/4/2012 10:00	28757	6.308	58.37	15.98	9.95	3.876	51.91	19.51	8.16	50.74	51.35	66.98	62.73	0	212.3	26.46	5.097	-0.002	16.83
11/4/2012 11:00	28758	4.174	111.3	47.59	8.16	3.073	103.4	53.47	6.368	57.79	58.95	57.77	53.91	0	402.7	26.51	5.096	-0.002	11.97
11/4/2012 12:00	28759	3.952	222.8	26.67	8.16	3.307	227.9	32.49	8.16	62.85	63.75	57.33	52.96	0	558	26.57	5.094	-0.002	16.79
11/4/2012 13:00	28760	3.965	214.6	30.53	11.74	3.256	222.6	38.09	9.95	67.09	67.99	51.16	47.63	0	662.9	26.6	5.094	0	15.53
11/4/2012 14:00	28761	5.547	236.4	38.57	13.52	4.427	238.9	41.02	11.74	70.01	71	47.51	43.99	0	704.2	26.59	5.09	-0.003	16.85
11/4/2012 15:00	28762	8.47	224.1	21.02	15.31	6.162	225.3	23.64	11.74	71.3	72.71	43.78	40.26	0	680.7	26.56	5.084	-0.006	11.62
11/4/2012 16:00	28763	7.499	236.7	24.85	15.31	5.421	238.1	27.32	13.52	73.78	74.93	38.72	35.86	0	593.9	26.54	5.081	-0.003	11.9
11/4/2012 17:00	28764	7.031	226	23.96	15.31	5.048	229.7	25.47	11.74	75.42	76.35	34.64	32.42	0	449.8	26.52	5.071	-0.009	11.7
11/4/2012 18:00	28765	8.29	222.1	21.55	17.1	5.736	222.8	22.29	15.31	75.52	76.38	32.79	30.99	0	266.5	26.49	5.062	-0.009	16.28
11/4/2012 19:00	28766	7.974	204.7	13.08	13.52	4.813	203.9	16.21	9.95	73.38	73.01	34.99	34.3	0	65.13	26.47	5.053	-0.009	11.84
11/4/2012 20:00	28767	7.416	175.7	5.554	9.95	2.501	164.1	11.78	4.578	65.66	62.64	45.97	47.43	0	0.534	26.44	5.048	-0.005	11.85
11/4/2012 21:00	28768	7.217	173	6.23	9.95	1.867	159.9	11.79	4.578	61.84	58.05	51.79	54.45	0	0	26.42	5.042	-0.005	11.54
11/4/2012 22:00	28769	4.326	205.2	13.74	8.16	0.346	206.5	3.619	2.789	59.05	55.5	55.98	58.75	0	0	26.4	5.04	-0.002	12.16
11/4/2012 23:00	28770	4.023	222.2	10.36	6.368	0.032	295.3	1.959	2.789	58.04	53.46	58.89	62.24	0	0	26.39	5.018	-0.022	16.8
11/5/2012 0:00	28771	3.941	231.9	9.39	6.368	0.046	310.7	0.457	2.789	56.45	52.51	62.91	65.21	0	0	26.39	5.011	-0.006	11.88
11/5/2012 1:00	28772	5.023	225.4	6.897	6.368	0.108	222.5	10.5	2.789	55.31	50.29	66.9	68.9	0	0	26.37	5.011	0	11.93
11/5/2012 1:00	28773	4.762	243.4	5.975	6.368	0.15	289.1	5.026	2.789	54.23	48.94	71.42	73.85	0	0	26.36	5.009	-0.003	11.95
11/5/2012 2:00	28774	3.511	238.2	25.58	6.368	0.151	324.8	3.499	2.789	53.96	49.17	73.35	76.84	0	0	26.36	5.01	0.001	11.91
11/5/2012 3:00	28775	5.412	285.1	7.296	8.16	1.75	307.7	4.296	4.578	55.4	50.18	72.61	77.21	0	0	26.36	5.005	-0.004	11.92
11/5/2012 4:00	28776	6.852	307.4	3.983	9.95	1.925	296.5	6.88	4.578	54.37	49.95	73.21	77.25	0	0	26.35	5.006	0	16.67
11/5/2012 5:00	28777	6.861	321.5	7.405	13.52	3.501	324.6	8.52	9.95	52.73	49.56	71.27	74.32	0	0	26.34	5.009	0.003	15.78
11/5/2012 6:00	28778	12.46	353.6	19.89	20.68	8.75	350.9	20.32	18.89	51.81	50.9	63.03	62.35	0	0	26.36	4.999	-0.01	16.04
11/5/2012 7:00	28779	13.84	5.544	10.99	22.47	9.41	0.957	13.77	18.89	51.8	51.27	57.8	56.31	0	0.064	26.37	4.999	0	16.61
11/5/2012 8:00	28780	14.44	28.87	9.67	22.47	8.49	25.7	12.27	18.89	50.44	50.14	57.47	55.32	0	40.95	26.4	4.996	-0.003	14.01
11/5/2012 9:00	28781	16.64	38.57	10.06	26.05	8.95	35.22	12.7	20.68	52.86	52.95	48.53	46.57	0	225	26.44	4.986	-0.01	12.02
11/5/2012 10:00	28782	19.34	44.14	9.81	29.63	10.34	37.27	12.95	20.68	57.92	58.37	37.16	35.66	0	417.2	26.49	4.981	-0.005	11.97
11/5/2012 11:00	28783	17.09	46.22	10.66	27.84	9.37	39.34	14.9	18.89	62.81	63.63	29	27.78	0	573	26.54	4.978	-0.003	11.84
11/5/2012 12:00	28784	13.07	49.38	14.55	22.47	7.552	41.44	19.02	17.1	66.38	67.67	25.05	23.83	0	674.7	26.58	4.967	-0.011	16.7
11/5/2012 13:00	28785	11.41	56.42	19.17	20.68	7.118	51.51	24.57	15.31	69.31	70.85	21.66	20.59	0	716.2	26.58	4.954	-0.013	12.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/5/2012 14:00	28786	9.42	58.49	25.96	18.89	6.037	51.97	29.76	13.52	71.69	73.27	19.08	18.21	0	689.9	26.57	4.945	-0.01	11.89
11/5/2012 15:00	28787	7.67	55.18	30.21	17.1	4.881	47.76	33.3	11.74	72.94	74.22	18.31	17.65	0	602	26.56	4.935	-0.01	16.82
11/5/2012 16:00	28788	6.427	50.13	33.59	13.52	4.185	43.51	37.08	9.95	73.88	74.7	18.03	17.62	0	455.7	26.55	4.919	-0.016	16.76
11/5/2012 17:00	28789	6.041	44.14	23.4	11.74	3.741	37.21	25.64	9.95	73.3	73.97	18.33	18.02	0	270.4	26.54	4.91	-0.009	11.86
11/5/2012 18:00	28790	5.359	77.69	20.01	9.95	2.806	72.02	23.67	6.368	70.82	70.01	20.46	21.39	0	65.4	26.52	4.901	-0.009	11.88
11/5/2012 19:00	28791	5.587	87.4	11.24	8.16	2.273	69.04	11.22	4.578	64.75	61.44	26.17	29.07	0	0.502	26.48	4.896	-0.005	15.92
11/5/2012 20:00	28792	5.53	94.1	18.05	8.16	2.241	69.78	13.29	4.578	61.32	57.79	30.05	32.83	0	0.002	26.46	4.893	-0.002	11.8
11/5/2012 21:00	28793	4.796	110.7	20.28	8.16	1.982	80.8	28.09	4.578	57.34	53.8	35.28	37.67	0	0	26.44	4.891	-0.003	15.51
11/5/2012 22:00	28794	4.264	96.9	19.65	6.368	1.574	65.51	9.52	4.578	56.16	52.97	37.36	39.93	0	0	26.44	4.885	-0.006	11.87
11/5/2012 23:00	28795	3.8	156.4	21.44	6.368	0.158	191.8	11.31	2.789	53.25	49.67	41.71	44.38	0	0	26.42	4.882	-0.003	16.86
11/6/2012 0:00	28796	1.084	264.9	47.94	4.578	0.655	47.78	10.47	2.789	52.21	49.34	44.29	46.47	0	0	26.41	4.879	-0.003	11.99
11/6/2012 1:00	28797	2.618	88.3	11.71	4.578	1.504	60.64	5.752	2.789	53.19	49.95	45.3	47.95	0	0	26.4	4.879	0	11.99
11/6/2012 2:00	28798	0.919	155.4	37.48	4.578	0.16	57.47	1.274	2.789	50.7	46.49	50.12	53.51	0	0	26.4	4.873	-0.006	11.97
11/6/2012 3:00	28799	2.96	279.7	22.31	6.368	0.127	247.8	14.48	2.789	49.27	43.09	51.74	58.68	0	0	26.38	4.874	0	11.99
11/6/2012 4:00	28800	5.153	292.5	6.916	8.16	1.419	307	12.81	4.578	48.87	43.5	50.88	56.95	0	0	26.36	4.87	-0.003	15.93
11/6/2012 5:00	28801	3.599	281.3	14.29	6.368	0.429	321.8	7.488	4.578	49.13	44.33	52.2	57.3	0	0	26.36	4.867	-0.003	11.97
11/6/2012 6:00	28802	3.888	313.6	23.83	6.368	0.381	39.35	15.76	4.578	48.7	43.48	53.42	59.23	0	0	26.36	4.867	0	16.72
11/6/2012 7:00	28803	2.512	352.3	17.72	4.578	0.337	51.05	10.1	4.578	46.9	41.88	56.32	59.78	0	0.052	26.37	4.867	0	15.72
11/6/2012 8:00	28804	2.552	303.3	14.77	6.368	0.465	65.43	29.88	2.789	48.92	41.48	54.94	60.14	0	41.37	26.37	4.861	-0.006	11.95
11/6/2012 9:00	28805	4.924	256.9	26.39	9.95	3.253	255.6	26.97	8.16	54.48	54.12	49.09	47.21	0	225.6	26.42	4.859	-0.001	11.59
11/6/2012 10:00	28806	8.15	211.5	10.7	13.52	6.161	214	14.18	11.74	60.42	61.24	43.65	41.19	0	415.1	26.51	4.858	-0.002	16.33
11/6/2012 11:00	28807	7.174	208.6	15.27	11.74	5.325	211.8	19.96	9.95	66.83	67.98	37.35	35.02	0	570	26.56	4.856	-0.001	16.49
11/6/2012 12:00	28808	6.799	208.8	18.37	11.74	5.077	211.5	24.23	9.95	71.63	72.83	31.19	29.36	0	673	26.59	4.856	-0.001	13.66
11/6/2012 13:00	28809	6.164	215.8	33.77	11.74	4.646	219.7	37.51	11.74	75.2	76.24	25.29	24.02	0	713.9	26.59	4.852	-0.004	11.9
11/6/2012 14:00	28810	4.9	215.5	52.31	11.74	3.796	224.1	52.82	9.95	78.48	79.21	19.81	19.29	0	689.3	26.58	4.849	-0.003	16.35
11/6/2012 15:00	28811	5.727	219	44.84	13.52	4.325	221.1	46.28	11.74	79.11	79.98	18.9	18.24	0	599.2	26.57	4.842	-0.006	11.87
11/6/2012 16:00	28812	6.653	203.9	33.98	13.52	4.834	209.2	35.65	9.95	79	80.1	18.65	17.93	0	454.3	26.55	4.833	-0.009	11.8
11/6/2012 17:00	28813	6.942	179.1	27.36	13.52	4.57	182.4	31.42	9.95	78.36	79.53	18.06	17.58	0	270.5	26.53	4.821	-0.012	11.82
11/6/2012 18:00	28814	7.099	166.5	7.767	13.52	3.611	167	14.76	9.95	75.02	74.24	20.62	21.33	0	64.67	26.51	4.812	-0.009	15.06
11/6/2012 19:00	28815	7.158	145	11.1	9.95	2.455	119.6	21.21	4.578	68.32	63.84	27.12	30.58	0	0.446	26.48	4.8	-0.011	12.05
11/6/2012 20:00	28816	7.8	123.8	5.794	9.95	2.684	101.4	12.28	4.578	63.64	59.1	31.72	35.34	0	0	26.45	4.795	-0.006	11.77
11/6/2012 21:00	28817	8.58	119.7	5.68	11.74	3.712	112.5	17.34	6.368	62.17	58.99	33.58	35.87	0	0	26.43	4.789	-0.006	13.62
11/6/2012 22:00	28818	8.47	118.7	5.4	11.74	3.707	112.3	17.49	6.368	61.07	58.29	35.41	37.31	0	0.001	26.44	4.78	-0.009	13.2
11/6/2012 23:00	28819	8.6	121.7	9.38	11.74	3.937	117.5	18.46	8.16	60.09	57.98	37.68	38.69	0	0.001	26.45	4.774	-0.006	16.44
11/7/2012 0:00	28820	6.674	122.2	8.99	9.95	2.282	97.5	16.33	4.578	57.38	54.22	43.25	45.31	0	0	26.45	4.77	-0.003	12.4
11/7/2012 1:00	28821	5.36	127.6	12.74	8.16	1.559	83.2	10.96	4.578	55.28	51.87	48.69	50.54	0	0	26.44	4.764	-0.006	12.89
11/7/2012 2:00	28822	4.754	111.8	11.11	6.368	1.917	68.04	9.14	4.578	54.94	52.02	53.15	54.66	0	0	26.43	4.761	-0.003	11.44
11/7/2012 3:00	28823	4.4	76.56	14.25	8.16	2.005	55.72	8.85	4.578	54.92	52.45	54.23	55.38	0	0	26.42	4.758	-0.003	16.95
11/7/2012 4:00	28824	6.646	61.6	9.48	9.95	3.283	58.19	17.73	6.368	53.69	50.97	54.86	55.95	0	0.001	26.41	4.758	0	15.91
11/7/2012 5:00	28825	5.345	50.41	11.4	8.16	2.191	47.47	22.36	6.368	51.39	49.08	57.32	57.63	0	0.001	26.4	4.755	-0.003	16.12
11/7/2012 6:00	28826	5.174	64.75	14.95	8.16	1.929	63.03	15.22	6.368	51.81	48.12	58.71	60.64	0	0	26.39	4.752	-0.003	11.61
11/7/2012 7:00	28827	6.93	72.86	5.229	9.95	3.485	61.58	12.44	6.368	52.19	49.28	59.82	61.17	0	0.044	26.4	4.752	0	16.79
11/7/2012 8:00	28828	6.4	70.68	5.992	8.16	3.2	61.56	13.48	6.368	52.27	50.31	59.98	60.03	0	37.78	26.41	4.742	-0.01	11.74
11/7/2012 9:00	28829	4.491	115.5	34.8	9.95	2.62	121.7	38.51	6.368	57.3	57.99	53.76	50.81	0	218	26.45	4.741	-0.001	12.27
11/7/2012 10:00	28830	6.16	181.7	20.94	9.95	4.327	187.4	23.63	8.16	63.58	64.84	47.19	44.1	0	406.4	26.51	4.74	-0.001	16.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/7/2012 11:00	28831	8.02	165.4	20.72	13.52	5.45	168.2	25.3	11.74	68.77	70.38	39.93	37.25	0	560.4	26.55	4.736	-0.005	11.9
11/7/2012 12:00	28832	10.86	163.4	16.31	18.89	7.225	166.9	22.39	13.52	72.46	74.58	35.57	32.77	0	665.3	26.55	4.735	0	11.94
11/7/2012 13:00	28833	10.77	182.8	17.26	18.89	7.28	186	22.07	13.52	75.89	78.04	30.26	27.83	0	708.1	26.53	4.729	-0.007	11.69
11/7/2012 14:00	28834	11.46	200.3	14.71	18.89	8.24	203.3	18.21	15.31	77.56	79.4	25.02	23.2	0	686.6	26.5	4.719	-0.01	11.58
11/7/2012 15:00	28835	11.25	207	14.1	18.89	8.2	209.7	16.49	15.31	79.17	80.6	19.39	18.35	0	600.5	26.48	4.709	-0.01	15.97
11/7/2012 16:00	28836	11.18	211.4	16.37	18.89	8.12	212.7	18.21	17.1	79.8	81	17.16	16.48	0	456.6	26.46	4.688	-0.022	11.83
11/7/2012 17:00	28837	10.93	201.6	12.75	17.1	7.509	203.6	16.46	13.52	79.62	80.5	17.75	17.3	0	269.7	26.44	4.663	-0.025	16.76
11/7/2012 18:00	28838	8.55	184.3	9.66	15.31	4.621	185.5	15.92	11.74	76.65	76.01	19.41	19.99	0	69.56	26.42	4.631	-0.032	15.89
11/7/2012 19:00	28839	7.341	165.6	5.204	9.95	2.339	160.9	10.06	4.578	68.28	64.24	26.76	29.58	0	0.311	26.39	4.62	-0.011	16.87
11/7/2012 20:00	28840	6.63	163.8	5.958	9.95	1.931	154.5	13.15	4.578	63.3	59.98	32.95	35.17	0	0.002	26.36	4.611	-0.009	11.74
11/7/2012 21:00	28841	5.206	171.8	15.79	8.16	0.884	163	18.08	4.578	60.92	57.35	36.09	38.45	0	0.001	26.34	4.605	-0.005	16.77
11/7/2012 22:00	28842	4.497	198.4	8.68	8.16	0.7	216.8	8.36	2.789	58.13	55.57	46.57	47.04	0	0.001	26.33	4.602	-0.003	11.85
11/7/2012 23:00	28843	5.031	199	7.527	8.16	1.14	217.4	10.89	2.789	57.43	54.34	55.28	56.17	0	0	26.32	4.602	0	12.41
11/8/2012 0:00	28844	5.106	185.1	10.6	8.16	0.8	176.6	14.55	4.578	56.65	53.4	62.82	63.5	0	0	26.3	4.599	-0.003	11.85
11/8/2012 1:00	28845	5.321	190.7	7.125	9.95	1.023	187.6	8.17	4.578	56.14	52.86	70.67	71.56	0	0	26.29	4.596	-0.003	11.7
11/8/2012 2:00	28846	5.233	207.1	14.03	8.16	1.33	214	13.16	4.578	54.97	52.04	75.2	75.54	0	0	26.28	4.599	0.003	14.81
11/8/2012 3:00	28847	5.115	227.9	12.64	8.16	0.273	267.8	8.65	2.789	52.4	48.66	78.53	79.63	0	0	26.27	4.593	-0.006	11.41
11/8/2012 4:00	28848	5.406	212.9	5.783	8.16	0.33	217.4	4.143	2.789	51.63	47.97	82.5	83.3	0	0	26.25	4.594	0.001	16.74
11/8/2012 5:00	28849	4.452	207.3	8.67	8.16	0.165	207.7	2.651	2.789	51.17	47.93	84.7	87.1	0	0	26.25	4.594	0	15.59
11/8/2012 6:00	28850	4.673	201.6	8.22	8.16	0.037	196.4	1.575	2.789	49.22	46.03	88	89.6	0	0	26.25	4.591	-0.003	16.54
11/8/2012 7:00	28851	3.529	221.2	31.07	6.368	0.352	297.9	7.416	2.789	48.22	45.86	89.6	92.5	0	0.023	26.25	4.591	0	11.9
11/8/2012 8:00	28852	3.404	229.9	17.5	6.368	0.04	290.1	4.177	2.789	48.64	46.02	90.3	95	0	30.11	26.26	4.588	-0.003	12.33
11/8/2012 9:00	28853	4.902	224.2	12.18	9.95	2.804	227.3	10.9	8.16	52.99	52.41	82.5	92.4	0	195.9	26.3	4.586	-0.001	11.76
11/8/2012 10:00	28854	7.191	221.4	11.51	11.74	5.591	223.5	13.39	11.74	59.66	60.02	66.44	63.41	0	378.4	26.37	4.585	-0.001	16.86
11/8/2012 11:00	28855	8.89	215.3	13.31	13.52	6.73	215.8	16.31	11.74	67.72	68.59	45.78	43.12	0	525.4	26.41	4.584	-0.001	15.93
11/8/2012 12:00	28856	11.37	218.7	12.46	18.89	8.44	218.6	15.39	15.31	74.1	75.29	32.35	30.42	0	677	26.43	4.583	0	11.9
11/8/2012 13:00	28857	12.43	226.7	13.41	20.68	9.68	226.8	15.59	17.1	79.33	80.3	21.87	20.95	0	714.7	26.42	4.577	-0.007	15.96
11/8/2012 14:00	28858	12.49	212.1	15.89	20.68	9	212.7	18.02	17.1	80.4	81.4	20.8	19.89	0	531.8	26.39	4.567	-0.01	11.58
11/8/2012 15:00	28859	12.77	214.2	15.36	18.89	9.3	215.5	17.73	15.31	82.4	83.6	17.77	17.06	0	568	26.37	4.554	-0.013	11.99
11/8/2012 16:00	28860	13.4	202.2	12.47	24.26	9.18	204.3	15.78	18.89	83	84.2	14.8	14.48	0	426.6	26.36	4.535	-0.019	11.78
11/8/2012 17:00	28861	13.39	184.6	12.34	24.26	8.26	187.7	17.73	17.1	81.7	82.1	13.68	13.87	0	172.6	26.34	4.514	-0.022	11.75
11/8/2012 18:00	28862	7.381	172.9	8.85	15.31	3.57	173.2	15.63	11.74	77.5	76.53	17.95	18.72	0	42.54	26.32	4.485	-0.028	16.47
11/8/2012 19:00	28863	7.87	156.1	9.19	15.31	3.231	147.9	15.22	11.74	73.82	70.78	23.29	25.27	0	0.669	26.3	4.477	-0.008	11.79
11/8/2012 20:00	28864	9.21	152.3	7.33	13.52	4.547	151.6	14.34	9.95	68.71	67.03	36.67	36.66	0	0.018	26.29	4.471	-0.006	16.48
11/8/2012 21:00	28865	7.519	163.2	13.45	13.52	3.41	167.5	21.24	8.16	65.43	63.53	45.66	45.84	0	0.014	26.28	4.465	-0.006	11.74
11/8/2012 22:00	28866	9.43	181.8	8.46	15.31	5.294	185.3	15.22	9.95	64.98	63.77	50.97	50.07	0	0.007	26.28	4.461	-0.003	15.72
11/8/2012 23:00	28867	10.4	176.9	8.65	17.1	5.888	179.9	15.47	9.95	64.02	63.07	59.98	58.2	0	0.013	26.28	4.455	-0.007	16.82
11/9/2012 0:00	28868	12.7	170.3	8.15	20.68	7.09	173.9	16.35	15.31	63.36	62.52	64.46	62.45	0	0.008	26.27	4.455	0	11.84
11/9/2012 1:00	28869	13.87	176	9.05	26.05	8.18	179.8	15.85	15.31	63.24	62.59	66.19	63.9	0	0.01	26.27	4.452	-0.003	16.79
11/9/2012 2:00	28870	11.25	186.1	9.38	20.68	6.859	190.1	15.04	13.52	62.13	61.43	68.36	66.03	0	0.008	26.27	4.449	-0.003	16.97
11/9/2012 3:00	28871	5.679	209.6	19.45	15.31	2.554	204.8	17.77	11.74	59.17	57.97	73.77	71.57	0	0.003	26.26	4.446	-0.003	15.97
11/9/2012 4:00	28872	4.569	183.2	15.84	8.16	0.728	161.4	14.48	4.578	56.96	54.15	77.86	78.35	0	0.001	26.24	4.45	0.004	15.69
11/9/2012 5:00	28873	4.49	220	19.23	9.95	0.689	235	16.69	6.368	53.84	51.56	83.3	82.2	0	0	26.23	4.444	-0.006	15.67
11/9/2012 6:00	28874	5.335	197.3	14.79	11.74	0.661	213.6	11.67	6.368	53.08	50.89	85.1	85.1	0	0	26.22	4.447	0.003	14.05
11/9/2012 7:00	28875	6.314	189.2	11.01	9.95	2.16	194.5	14.86	8.16	52.57	50.79	87.2	88.6	0	0.02	26.22	4.441	-0.006	16.34

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/9/2012 8:00	28876	4.796	191.9	22.08	9.95	1.44	203.7	23.89	6.368	52.19	51.17	88.1	89.6	0	33.02	26.23	4.441	0	16.9
11/9/2012 9:00	28877	5.239	206.5	12.59	11.74	3.258	211.7	14.97	9.95	56.61	56.83	79.9	78.28	0	204.1	26.27	4.443	0.003	11.9
11/9/2012 10:00	28878	7.977	197.5	15.02	11.74	5.532	201.3	18.15	9.95	63.83	64.88	56.27	52.72	0	393.8	26.34	4.445	0.002	14.69
11/9/2012 11:00	28879	9.32	209.3	14.28	15.31	6.748	211.1	16.03	11.74	69.46	70.67	41.72	39.05	0	548.5	26.38	4.438	-0.008	16.86
11/9/2012 12:00	28880	13.4	249.8	14.23	22.47	10.95	247.6	16.12	20.68	75.35	75.98	30.36	29	0	649.4	26.39	4.434	-0.003	11.87
11/9/2012 13:00	28881	13.98	235	23.6	24.26	11.01	234.3	23.12	20.68	78.58	79.49	26.04	24.68	0	687.1	26.37	4.428	-0.007	11.86
11/9/2012 14:00	28882	14.98	208.5	14.29	24.26	10.49	209.7	16.87	18.89	78.85	80.7	26.07	24.12	0	664.1	26.35	4.412	-0.016	16.62
11/9/2012 15:00	28883	15.08	221.2	16.21	27.84	11.12	221.6	17.48	20.68	80.4	81.6	22.7	21.46	0	575	26.33	4.396	-0.016	11.84
11/9/2012 16:00	28884	16.79	220	14.37	27.84	12.05	220.5	16.01	22.47	80.9	81.9	20.11	19.24	0	439.4	26.31	4.37	-0.025	13.87
11/9/2012 17:00	28885	15.08	206.5	11.36	26.05	10.14	207.5	14.56	18.89	80.6	81.1	20.26	19.72	0	217.2	26.29	4.349	-0.022	15.46
11/9/2012 18:00	28886	10.57	176.7	15.06	17.1	5.849	178.3	19.86	11.74	76.17	75.44	25.72	25.74	0	17.27	26.27	4.339	-0.009	15.78
11/9/2012 19:00	28887	6.717	173	23.04	11.74	2.645	177.3	28.79	8.16	70.6	68.53	32.51	33.41	0	0.233	26.25	4.328	-0.012	11.77
11/9/2012 20:00	28888	11.96	169.7	12.77	20.68	6.7	171.1	17.8	15.31	71.41	70.67	38.19	37.48	0	0.022	26.25	4.325	-0.003	16.18
11/9/2012 21:00	28889	7.82	175.7	14.57	13.52	4.233	178.7	19.82	9.95	69.2	68.62	47.91	46.26	0	0.027	26.26	4.319	-0.006	16.65
11/9/2012 22:00	28890	9.3	175.6	11.24	20.68	5.436	179.5	17.51	13.52	66.59	66.16	63.1	60.26	0	0.017	26.26	4.315	-0.003	16.38
11/9/2012 23:00	28891	14.27	171.1	9.39	22.47	8.5	174.6	16.49	17.1	65.09	64.95	71.33	67.74	0	0.018	26.25	4.312	-0.003	11.79
11/10/2012 0:00	28892	15.35	169.3	8.63	24.26	9.08	172.5	16.29	17.1	63.92	63.72	74.19	70.69	0	0.008	26.23	4.312	0	14.6
11/10/2012 1:00	28893	14.44	169.2	8.91	33.21	8.44	172.2	16.42	18.89	62.83	62.63	75.02	71.49	0	0.012	26.21	4.309	-0.003	15.57
11/10/2012 2:00	28894	16.34	164.7	8.72	26.05	9.61	167.3	15.9	18.89	62.52	62.23	73.05	69.87	0	0.006	26.2	4.306	-0.003	11.82
11/10/2012 3:00	28895	14.56	163	8.08	24.26	8.35	165.2	15.13	17.1	61.52	61.03	72.04	69.24	0	0.007	26.18	4.3	-0.006	13.72
11/10/2012 4:00	28896	10.31	178	11.94	17.1	5.916	182	17.85	13.52	60.02	59.39	72.69	70.11	0	0.004	26.17	4.294	-0.006	16.86
11/10/2012 5:00	28897	7.627	189.6	9.78	11.74	4.321	196.5	15	8.16	58.18	57.35	75.17	72.76	0	0.001	26.16	4.285	-0.009	11.92
11/10/2012 6:00	28898	6.836	189	10.25	11.74	3.597	195.6	14.59	8.16	56.96	55.95	76.78	74.63	0	0	26.15	4.282	-0.003	11.91
11/10/2012 7:00	28899	6.283	188.1	9.2	9.95	2.605	193.5	12.99	6.368	55.98	54.84	78.79	76.58	0	0.003	26.14	4.282	0	11.89
11/10/2012 8:00	28900	7.272	183	10.88	13.52	3.077	187.2	16.63	8.16	55.18	54.21	82.5	80	0	35.77	26.15	4.279	-0.003	14.41
11/10/2012 9:00	28901	11.06	181.8	10.03	18.89	6.795	184.8	16.51	13.52	58.81	59.22	76.72	72.38	0	170.4	26.17	4.275	-0.004	11.92
11/10/2012 10:00	28902	15.13	182.4	9.82	24.26	9.58	185.8	16.5	18.89	64.78	65.94	63.65	59.1	0	395.5	26.21	4.277	0.002	12.2
11/10/2012 11:00	28903	19.81	181.5	10.64	29.63	12.38	184.8	16.41	24.26	69.49	71.18	52.37	48.05	0	591.4	26.23	4.273	-0.004	15.58
11/10/2012 12:00	28904	20.83	199.3	10.29	36.78	13.84	201.6	14.57	29.63	74.03	75.69	40.18	37.04	0	614.6	26.24	4.263	-0.01	11.57
11/10/2012 13:00	28905	20.72	204.5	10.18	33.21	13.88	206	14.06	26.05	77.56	79.07	31.68	29.52	0	632.3	26.21	4.254	-0.01	15.66
11/10/2012 14:00	28906	24.8	214.1	14.34	42.15	17.18	215.5	16.29	34.99	80.9	82.1	20.01	19.08	0	622.1	26.18	4.212	-0.041	15.9
11/10/2012 15:00	28907	25.54	215.8	12.65	40.36	17.71	216.4	14.58	33.21	80.7	81.5	15.8	15.43	0	391.7	26.15	4.174	-0.038	11.77
11/10/2012 16:00	28908	24.71	215.1	10.56	38.57	17.22	216.1	13.25	29.63	80.7	81.4	16.02	15.67	0	382	26.13	4.152	-0.022	11.84
11/10/2012 17:00	28909	23.11	210.4	10.52	36.78	15.46	211.3	13.63	27.84	79.34	79.56	17.4	17.24	0	148.1	26.12	4.127	-0.025	16.73
11/10/2012 18:00	28910	16.78	211.5	9.74	33.21	11.11	212.7	13.06	22.47	78.08	77.81	19.11	19.17	0	31.43	26.1	4.102	-0.025	11.88
11/10/2012 19:00	28911	11.06	216.2	20.86	17.1	7.423	218	22.08	13.52	75.5	74.93	22.18	22.36	0	0.227	26.1	4.096	-0.006	17
11/10/2012 20:00	28912	12.01	237.4	26.65	26.05	8.31	236.6	26.07	20.68	74.59	73.85	23.99	24.73	0	0.054	26.12	4.087	-0.009	11.77
11/10/2012 21:00	28913	6.475	266	37.87	13.52	4.348	265.9	33.88	9.95	70.42	69.75	26.34	26.53	0	0.026	26.13	4.081	-0.006	11.81
11/10/2012 22:00	28914	5.326	230.2	58.12	13.52	3.225	245	45.05	11.74	68.04	67.21	30.18	30.46	0	0.02	26.14	4.078	-0.003	15.45
11/10/2012 23:00	28915	6.746	260.5	10.57	15.31	4.586	256	13.05	11.74	65.94	65.23	30.92	30.9	0	0.02	26.15	4.071	-0.006	12.51
11/11/2012 0:00	28916	7.34	295.6	12.82	11.74	4.649	296.9	15.15	8.16	62.25	61.38	34.4	34.25	0	0.004	26.14	4.068	-0.003	15.9
11/11/2012 1:00	28917	9.85	311.2	7.771	18.89	6.96	312.4	8.25	13.52	59.65	59.1	37.76	36.96	0	0.002	26.13	4.069	0.001	11.91
11/11/2012 2:00	28918	9.25	306.4	6.556	18.89	6.231	306.7	7.677	13.52	56.09	55.34	42.46	41.63	0	0.001	26.13	4.066	-0.002	16.44
11/11/2012 3:00	28919	13.86	335.6	23.14	27.84	9.47	332.9	22.23	22.47	52.79	52.05	40.52	40.02	0	0	26.14	4.063	-0.003	11.81
11/11/2012 4:00	28920	14.14	1.162	9.81	22.47	9.93	357.3	12.36	18.89	48.51	48.46	33.28	32.18	0	0	26.14	4.057	-0.006	12.36

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/11/2012 5:00	28921	9.77	5.729	10.54	15.31	6.854	2.672	12.85	11.74	45.97	45.91	35.8	34.44	0	0	26.15	4.051	-0.006	11.97
11/11/2012 6:00	28922	8.34	341.2	14.32	13.52	5.852	336.8	15.03	9.95	43.28	43.01	38.86	37.64	0	0	26.16	4.049	-0.003	16.38
11/11/2012 7:00	28923	8.33	335.1	8.59	11.74	6.089	332.4	11.16	9.95	41.74	41.31	40.56	39.43	0	0	26.18	4.049	0	12.01
11/11/2012 8:00	28924	8.57	334.5	9.83	15.31	6.266	332.3	12.36	11.74	42.28	41.88	40.43	39.12	0	30.9	26.21	4.042	-0.006	16.53
11/11/2012 9:00	28925	10.1	326.9	9.5	15.31	8.13	325.7	10.98	13.52	46.47	46.65	36.18	34.21	0	212	26.26	4.041	-0.001	12.1
11/11/2012 10:00	28926	11.26	327.1	16.62	18.89	9.04	326.2	17.53	17.1	49.83	50.48	32.55	30.48	0	412.5	26.34	4.038	-0.004	12.12
11/11/2012 11:00	28927	15.58	304	12.61	26.05	12.64	304.8	14.64	22.47	53.02	53.79	27.31	25.62	0	579.5	26.39	4.033	-0.004	11.98
11/11/2012 12:00	28928	17.48	305.3	12.13	27.84	14.18	306.4	13.73	24.26	53.35	54.31	21.61	20.25	0	678.6	26.41	4.027	-0.006	12.01
11/11/2012 13:00	28929	18.66	299	14.43	27.84	15.09	299.6	16.48	26.05	54.61	55.72	14.25	13.58	0	729.9	26.41	4.02	-0.006	11.96
11/11/2012 14:00	28930	17.3	302	15.37	29.63	14.01	302.5	17.06	24.26	54.93	56	11.72	11.17	0	706.6	26.41	4.001	-0.019	11.93
11/11/2012 15:00	28931	17.06	295.7	14.66	29.63	13.71	295.9	17.11	24.26	55.63	56.63	10.35	9.98	0	615.5	26.4	3.992	-0.01	15.62
11/11/2012 16:00	28932	16.42	306.2	14.24	29.63	13.16	306.4	15.5	22.47	56.06	56.84	7.211	7.265	0	471.4	26.41	3.967	-0.025	15.74
11/11/2012 17:00	28933	16.63	305.2	11.82	29.63	13.32	306.4	12.78	26.05	56.02	56.42	3.664	4.165	0	280.3	26.41	3.96	-0.006	11.97
11/11/2012 18:00	28934	12.92	331.9	13.85	22.47	9.96	330.3	14.18	20.68	53.68	53.59	6.023	6.592	0	67.96	26.42	3.951	-0.009	11.97
11/11/2012 19:00	28935	10.19	343.3	8.17	15.31	7.13	339.5	11.48	11.74	48.64	48.08	9.79	10.39	0	0.311	26.42	3.946	-0.006	11.92
11/11/2012 20:00	28936	8.38	346.3	9.15	13.52	5.113	341.4	15.42	9.95	47.21	46.33	11.04	11.93	0	0	26.42	3.94	-0.005	13.59
11/11/2012 21:00	28937	8.14	331.9	6.045	15.31	5.521	329.1	7.834	9.95	45.49	44.21	12.61	13.68	0	0	26.44	3.941	0	12.06
11/11/2012 22:00	28938	6.583	322.7	6.088	11.74	3.438	321.2	10.14	8.16	43.4	40.83	14.02	16.33	0	0	26.45	3.931	-0.01	11.71
11/11/2012 23:00	28939	4.046	287.6	57.08	9.95	2.198	318.6	72.34	6.368	39.97	34.82	16.6	21.3	0	0	26.45	3.929	-0.002	11.96
11/12/2012 0:00	28940	6.229	325.6	9.75	11.74	3.125	317	11.62	8.16	39.89	37.79	15.76	17.62	0	0	26.46	3.923	-0.006	15.87
11/12/2012 1:00	28941	10.72	341.5	10.47	18.89	7.75	328.2	14.47	13.52	39.6	39.07	16.78	16.99	0	0	26.46	3.916	-0.007	16.62
11/12/2012 2:00	28942	12.84	346.9	9.45	20.68	8.89	331.8	16.97	17.1	39.71	39.4	18.14	17.99	0	0	26.48	3.915	-0.001	15.59
11/12/2012 3:00	28943	16.09	353.2	8.51	26.05	9.51	341.4	19.97	17.1	39.8	39.49	18.94	18.68	0	0	26.48	3.909	-0.006	16.46
11/12/2012 4:00	28944	15.31	354.1	8.41	22.47	8.91	342.8	20.46	17.1	39.6	39.22	20	19.73	0	0	26.49	3.909	0	11.94
11/12/2012 5:00	28945	11.47	347.5	10.31	22.47	7.572	332.8	17.84	15.31	37.98	37.72	22.5	21.96	0	0	26.51	3.906	-0.003	11.68
11/12/2012 6:00	28946	8.04	340.1	12.1	17.1	5.248	329.2	17.28	11.74	36.45	35.79	23.78	23.59	0	0	26.52	3.907	0.001	15.44
11/12/2012 7:00	28947	7.891	343	9.92	13.52	5.359	329.1	15.75	11.74	36.78	36.22	23.06	22.9	0	0.003	26.53	3.901	-0.006	11.96
11/12/2012 8:00	28948	6.988	353.9	11.58	11.74	3.464	347.1	17.18	9.95	35.62	34.99	24.02	23.61	0	34.23	26.53	3.898	-0.003	11.94
11/12/2012 9:00	28949	7.944	324.4	17.85	18.89	6.27	317.3	17.03	17.1	39.31	39.32	21.34	20.36	0	230	26.59	3.896	-0.001	11.98
11/12/2012 10:00	28950	10.5	349.6	14.74	17.1	7.801	340.9	20.32	13.52	44.08	44.86	16.77	15.9	0	434.3	26.66	3.895	-0.001	15.98
11/12/2012 11:00	28951	5.494	17.98	40.41	13.52	3.639	12.15	36.91	9.95	48.83	49.55	11.91	11.69	0	597.2	26.72	3.891	-0.004	13.99
11/12/2012 12:00	28952	3.662	351	78.46	8.16	2.486	336	72.57	8.16	53.77	54.07	8.24	8.6	0	694.3	26.75	3.884	-0.007	16.91
11/12/2012 13:00	28953	4.541	344.8	65.45	9.95	3.178	334.8	57.37	8.16	54.99	55.19	5.909	6.417	0	735.2	26.76	3.88	-0.004	15.94
11/12/2012 14:00	28954	4.647	253.9	69.85	11.74	3.576	254.4	59.53	11.74	56.47	56.76	5.372	5.857	0	708.2	26.73	3.864	-0.016	14.7
11/12/2012 15:00	28955	3.738	72.64	65.18	8.16	2.484	68.37	61.41	8.16	58.43	58.22	3.411	4.35	0	614.5	26.71	3.861	-0.003	15.56
11/12/2012 16:00	28956	6.247	137.2	40.26	13.52	4.047	138.8	45.02	11.74	57.38	58.6	4.605	4.886	0	468.6	26.69	3.848	-0.012	11.96
11/12/2012 17:00	28957	7.54	114.9	20.38	15.31	4.93	114.5	29.47	11.74	55.24	56.75	6.15	6.26	0	280	26.66	3.84	-0.009	16.35
11/12/2012 18:00	28958	6.289	139.3	13.87	11.74	2.998	139.1	19.76	8.16	52.78	52.38	7.255	8.22	0	62.53	26.63	3.837	-0.003	11.84
11/12/2012 19:00	28959	8.1	116	7.993	11.74	3.542	111.7	16.95	8.16	45.71	43.41	13.33	14.57	0	0.125	26.59	3.832	-0.005	11.97
11/12/2012 20:00	28960	9.07	118.4	6.688	13.52	4.462	115.9	17.55	8.16	42.68	40.91	18.66	19.31	0	0	26.56	3.826	-0.005	11.97
11/12/2012 21:00	28961	7.327	104.8	7.134	9.95	3.605	94.2	15.4	6.368	40.62	38.58	20.76	21.71	0	0	26.55	3.82	-0.006	13.02
11/12/2012 22:00	28962	8.65	112.4	8.89	13.52	4.142	107.1	19.71	8.16	39.87	37.66	24.36	24.99	0	0	26.56	3.814	-0.006	15.73
11/12/2012 23:00	28963	9.99	118.5	7.404	13.52	5.472	117.4	17.18	9.95	40.54	39.26	30.49	30.01	0	0	26.57	3.811	-0.003	11.82
11/13/2012 0:00	28964	8.33	111.6	8.67	13.52	4.346	107.4	19	8.16	38.28	37.23	36.91	35.93	0	0	26.56	3.807	-0.003	16.72
11/13/2012 1:00	28965	7.572	91.8	8.62	11.74	3.991	82.5	15.32	6.368	36.22	34.96	40.87	39.86	0	0	26.54	3.805	-0.002	11.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/13/2012 2:00	28966	9.36	106.6	11.63	13.52	5.35	101.8	21.07	9.95	36.87	35.91	44.11	42.74	0	0	26.52	3.809	0.004	15.86
11/13/2012 3:00	28967	9.29	111.6	7.874	13.52	5.133	109.7	19.27	9.95	36.9	36.18	44.76	43.32	0	0	26.51	3.802	-0.007	11.94
11/13/2012 4:00	28968	10.31	113.9	8.15	15.31	5.892	112.6	18.69	11.74	37	36.38	43.94	42.52	0	0	26.5	3.802	0	11.94
11/13/2012 5:00	28969	10.93	112.4	8.37	18.89	6.416	111	19.66	11.74	37.7	37.26	41.95	40.48	0	0	26.5	3.801	0	11.95
11/13/2012 6:00	28970	10.05	111.9	8.32	17.1	5.919	108.6	19.06	11.74	37.13	36.84	42.82	41.03	0	0	26.5	3.795	-0.006	11.94
11/13/2012 7:00	28971	9.48	102.6	11.01	15.31	5.858	98.9	19.63	11.74	36.39	36.05	45.15	43.2	0	0	26.5	3.792	-0.003	11.45
11/13/2012 8:00	28972	7.29	94.8	8.4	13.52	4.417	89.8	17.19	8.16	35.59	35.13	47.21	45.3	0	11.15	26.5	3.789	-0.003	11.52
11/13/2012 9:00	28973	8.94	109.8	15.17	17.1	5.824	108.2	22.59	13.52	38.94	39.51	43.66	40.99	0	194	26.51	3.788	0	11.7
11/13/2012 10:00	28974	14.3	141.4	11.58	22.47	9.19	144.2	17.52	17.1	45.08	46.53	37.27	34.25	0	408.6	26.56	3.787	-0.001	15.59
11/13/2012 11:00	28975	15.31	155.3	13.65	24.26	9.67	158	18.93	18.89	49.23	51.1	32.67	29.72	0	569.2	26.59	3.78	-0.007	11.97
11/13/2012 12:00	28976	14.36	171.5	15.88	22.47	9.24	175	21.69	17.1	52.26	54.46	29.49	26.55	0	671.3	26.6	3.757	-0.023	15.74
11/13/2012 13:00	28977	11.04	174.9	18.63	20.68	7.363	179.6	23.04	15.31	54.56	56.71	26.74	24.16	0	707.6	26.61	3.76	0.003	14.56
11/13/2012 14:00	28978	9.87	180.8	23.68	20.68	6.855	186.1	25.93	15.31	56.14	58.16	24.69	22.4	0	680.7	26.59	3.747	-0.013	11.99
11/13/2012 15:00	28979	11.5	170.8	17.22	24.26	7.577	174.7	21.99	15.31	57.21	59.3	22.91	20.75	0	592.2	26.56	3.741	-0.006	11.98
11/13/2012 16:00	28980	10.47	174	19.33	18.89	6.952	177.7	23.71	13.52	57.83	59.59	22.12	20.2	0	447.4	26.54	3.726	-0.015	13.51
11/13/2012 17:00	28981	10.36	169.8	15.94	18.89	6.627	172.4	21.55	13.52	57.82	59.15	21.82	20.33	0	263.1	26.52	3.719	-0.006	11.45
11/13/2012 18:00	28982	7.841	173.9	9.9	15.31	4.082	176.4	16.44	9.95	55.42	55.17	23.23	22.84	0	61.57	26.5	3.71	-0.01	15.82
11/13/2012 19:00	28983	6.667	148.8	6.444	8.16	1.654	123.3	13.73	4.578	49.74	45.82	28.14	30.43	0	0.235	26.47	3.708	-0.002	15.86
11/13/2012 20:00	28984	7.307	136.7	7.721	9.95	2.211	114.2	11.95	4.578	46.04	41.91	32.69	35.09	0	0	26.44	3.703	-0.005	11.94
11/13/2012 21:00	28985	7.368	135.4	6.666	9.95	2.311	119	14.64	4.578	43.67	40.17	36.34	38.24	0	0	26.43	3.696	-0.006	11.97
11/13/2012 22:00	28986	7.773	139.8	7.385	13.52	2.774	130.9	14.19	4.578	41.54	38.49	40.32	41.67	0	0	26.44	3.693	-0.003	12.03
11/13/2012 23:00	28987	6.132	141.5	9.59	9.95	1.315	127.4	14.67	4.578	39.06	36.25	43.93	45.04	0	0	26.44	3.687	-0.006	11.98
11/14/2012 0:00	28988	4.491	133.8	14.83	6.368	0.415	86.4	10.32	4.578	38.11	35.37	45.82	47.18	0	0	26.44	3.688	0.001	16.51
11/14/2012 1:00	28989	4.401	138.9	27.52	8.16	1.01	83.2	20.04	4.578	37.73	34.66	47.22	48.67	0	0	26.44	3.685	-0.003	12
11/14/2012 2:00	28990	6.222	105.8	8.47	8.16	2.963	81.2	15.18	6.368	37.43	34.91	50.26	50.64	0	0	26.44	3.688	0.003	15.65
11/14/2012 3:00	28991	6.394	101.8	6.984	9.95	2.858	82.4	11.61	4.578	36.99	33.92	52.89	53.81	0	0	26.45	3.682	-0.006	11.4
11/14/2012 4:00	28992	5.052	98.8	8.54	8.16	2.192	69.77	8.78	4.578	37.34	34.48	52.43	53.88	0	0	26.44	3.682	0	11.94
11/14/2012 5:00	28993	5.25	92.1	6.01	8.16	2.327	64.62	9.08	4.578	37.53	34.54	51.27	53.2	0	0	26.44	3.682	0	15.68
11/14/2012 6:00	28994	2.811	334.8	63.3	4.578	0.44	68.71	18.81	2.789	35.93	30.56	54.38	56.53	0	0	26.44	3.679	-0.003	11.97
11/14/2012 7:00	28995	3.05	329.2	11.43	6.368	0.147	28.72	15.76	2.789	33.76	27.83	57.64	60.44	0	0	26.44	3.679	0	12.38
11/14/2012 8:00	28996	3.263	342.2	14.78	6.368	0.194	144.1	12.1	2.789	33.87	29.16	58.68	60.38	0	29.24	26.45	3.682	0.003	16.07
11/14/2012 9:00	28997	2.515	330.7	18.96	6.368	0.876	328.4	9.07	4.578	42.38	42.23	47.92	45.44	0	216	26.5	3.674	-0.008	16.53
11/14/2012 10:00	28998	2.023	15.47	20.4	4.578	0.754	1.486	13.85	4.578	51.89	52.07	35.64	34.2	0	409.3	26.6	3.672	-0.002	16.83
11/14/2012 11:00	28999	3.618	99.1	47.44	8.16	2.161	106.5	49.63	6.368	57.16	58.06	26.91	26.04	0	562.9	26.67	3.671	-0.001	16.85
11/14/2012 12:00	29000	4.707	132	43.3	13.52	3.153	135.7	48.73	9.95	60.71	61.88	22.51	21.69	0	665.7	26.69	3.67	0	11.96
11/14/2012 13:00	29001	6.592	100.7	31.34	11.74	4.583	96.8	39.4	9.95	61.85	63.54	19.06	18.05	0	708.8	26.67	3.667	-0.003	14.66
11/14/2012 14:00	29002	7.045	138.2	32.47	15.31	4.862	140.5	37.71	11.74	63.2	65.16	17.63	16.5	0	683.8	26.64	3.664	-0.003	12
11/14/2012 15:00	29003	6.744	138.6	29.44	13.52	4.656	140.2	36.04	11.74	64.41	65.78	16.74	15.98	0	594.7	26.62	3.658	-0.006	15.74
11/14/2012 16:00	29004	7.313	164.5	30.46	13.52	4.901	168.4	35.62	11.74	64.11	65.56	16.63	15.67	0	415.4	26.59	3.648	-0.01	16.73
11/14/2012 17:00	29005	7.537	150.1	20.11	11.74	4.781	152.8	25.09	11.74	62.86	63.77	16.84	16.23	0	203.2	26.56	3.646	-0.003	16.82
11/14/2012 18:00	29006	7.473	141.5	11.26	11.74	3.875	141.3	17.84	9.95	60.74	60.5	19.54	19.4	0	77.41	26.53	3.64	-0.006	16.79
11/14/2012 19:00	29007	7.969	127.9	4.32	9.95	3.243	117.8	13.83	6.368	53.37	50.6	29.4	30.24	0	0.288	26.49	3.638	-0.002	11.92
11/14/2012 20:00	29008	7.651	137.3	4.877	9.95	2.595	123.9	12.15	4.578	49.02	45.87	36.14	37.29	0	0	26.45	3.632	-0.006	16.36
11/14/2012 21:00	29009	7.321	140.4	12.39	9.95	2.163	125.5	18.01	6.368	46.02	42.8	41.28	42.68	0	0	26.42	3.63	-0.002	12.72
11/14/2012 22:00	29010	6.192	137.7	7.136	8.16	1.739	96.3	11.06	4.578	43.83	40.03	45.07	47.33	0	0	26.41	3.627	-0.003	12.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/14/2012 23:00	29011	5.587	170.5	32.75	8.16	0.833	115.6	20.5	2.789	43.29	39.13	47.04	49.79	0	0	26.4	3.623	-0.003	11.97
11/15/2012 0:00	29012	3.367	213.3	12.24	4.578	0	0	0	0	41.79	38.61	49.57	51.46	0	0	26.38	3.624	0	11.96
11/15/2012 1:00	29013	3.358	181.7	14.55	6.368	0.042	352.3	2.487	2.789	41.56	37.5	52.05	54.16	0	0	26.36	3.621	-0.002	11.9
11/15/2012 2:00	29014	1.897	159.2	11.36	4.578	0	0	0	0	41.71	39.36	54.58	55.03	0	0	26.35	3.621	0	16.12
11/15/2012 3:00	29015	4.011	191.6	15.51	6.368	0.001	161.9	0.001	2.789	42.18	38.48	55.94	57.27	0	0	26.35	3.617	-0.004	12.01
11/15/2012 4:00	29016	3.439	215.4	19.51	6.368	0.082	264.4	2.844	2.789	40.71	38	62.24	61.34	0	0	26.34	3.618	0	11.96
11/15/2012 5:00	29017	3.324	218.8	11.15	6.368	0.062	249.7	2.159	2.789	39.81	37.4	72.18	68.99	0	0	26.33	3.618	0	15.7
11/15/2012 6:00	29018	2.551	246.2	17.71	6.368	0.263	311.7	9.44	2.789	38.78	36.52	80.7	75.92	0	0	26.33	3.612	-0.006	11.5
11/15/2012 7:00	29019	1.843	252.5	15.44	4.578	0.034	342.7	8.83	2.789	38.52	35.58	85.4	80.5	0	0	26.34	3.612	0	15.15
11/15/2012 8:00	29020	2.013	45.6	16.75	4.578	0.418	61.02	6.288	2.789	38.51	34.96	85.9	81.3	0	20.65	26.34	3.612	0	16.21
11/15/2012 9:00	29021	2.319	283.3	68.23	6.368	0.903	241.5	26.06	6.368	42.44	41.55	77.02	73.54	0	175.8	26.38	3.608	-0.004	16.65
11/15/2012 10:00	29022	3.909	212.4	25.31	6.368	2.495	217	22.65	6.368	48.94	49.57	67.1	62.35	0	385.2	26.46	3.613	0.005	15.96
11/15/2012 11:00	29023	4.473	246.4	32.49	8.16	3.174	247.4	32.88	8.16	54.94	55.62	52.5	48.6	0	556	26.53	3.608	-0.004	12.79
11/15/2012 12:00	29024	3.392	269.3	35.05	9.95	2.312	265.9	34.14	8.16	62.18	62.81	39.67	36.9	0	629.7	26.56	3.607	-0.001	12.01
11/15/2012 13:00	29025	4.263	264	36.56	9.95	3.246	263.1	35.7	9.95	67.63	67.95	28.33	26.88	0	692.4	26.56	3.607	0	15.65
11/15/2012 14:00	29026	5.161	300.7	39.2	11.74	3.857	299.4	37.07	9.95	70.8	71.18	18.14	17.48	0	657.1	26.56	3.607	0	15.81
11/15/2012 15:00	29027	7.096	320.8	36.23	15.31	5.573	317.9	34.05	11.74	71.89	72.26	14.57	14.26	0	583.7	26.55	3.6	-0.006	13.75
11/15/2012 16:00	29028	9.3	319.7	18.14	17.1	7.4	319	17.92	15.31	72.72	73.07	9.72	9.9	0	433.9	26.54	3.594	-0.006	11.99
11/15/2012 17:00	29029	11.81	347.5	12.06	18.89	8.81	341	13.23	15.31	70.88	71.2	6.027	6.61	0	256.5	26.53	3.582	-0.013	11.95
11/15/2012 18:00	29030	10.48	353.7	7.523	17.1	6.891	348.1	10.79	13.52	64.99	64.57	9.77	10.39	0	32.93	26.53	3.573	-0.008	15.65
11/15/2012 19:00	29031	11	9.11	12.12	17.1	6.83	0.008	16.87	13.52	59.99	59.61	15.33	15.45	0	0.069	26.5	3.561	-0.012	16.77
11/15/2012 20:00	29032	12.13	16.63	13.57	18.89	6.681	11.22	20.1	15.31	56.51	56.2	19.42	19.19	0	0.001	26.5	3.555	-0.006	11.45
11/15/2012 21:00	29033	12.99	22.54	13.39	26.05	6.578	20.22	17.67	13.52	53.86	53.54	22.32	21.88	0	0	26.5	3.549	-0.006	11.95
11/15/2012 22:00	29034	12.59	31.77	12.16	22.47	6.481	29.97	12	13.52	51.92	51.69	24.74	24.07	0	0	26.5	3.543	-0.006	16.42
11/15/2012 23:00	29035	11.33	35.06	11.41	20.68	6.001	33.75	11.83	11.74	49.33	49.09	28.12	27.19	0	0	26.5	3.533	-0.01	11.95
11/16/2012 0:00	29036	10.84	34.69	11.12	18.89	5.698	32.36	12.36	11.74	46.98	46.72	31.02	29.94	0	0	26.5	3.524	-0.009	11.46
11/16/2012 1:00	29037	11.19	34.25	11.5	26.05	5.891	32.06	11.88	15.31	46.16	45.96	32.71	31.46	0	0	26.49	3.521	-0.003	15.52
11/16/2012 2:00	29038	11.26	32.54	11.39	17.1	5.877	30.33	11.68	11.74	44.7	44.52	34.63	33.25	0	0	26.49	3.512	-0.009	11.97
11/16/2012 3:00	29039	12.17	36.89	11.43	20.68	6.473	33.95	12.32	15.31	44.92	44.82	35.17	33.69	0	0	26.49	3.509	-0.003	15.63
11/16/2012 4:00	29040	12.31	41.46	9.1	18.89	6.623	37.89	11.69	13.52	45.59	45.53	35.53	33.98	0	0	26.5	3.502	-0.007	16.74
11/16/2012 5:00	29041	10.32	36.69	11.73	17.1	5.587	33.94	12.7	11.74	45.07	45.04	36.96	35.27	0	0	26.5	3.496	-0.006	16.76
11/16/2012 6:00	29042	8.27	37.07	14	17.1	4.396	34.73	15.59	11.74	44.36	44.32	38.66	36.82	0	0	26.51	3.49	-0.006	16.68
11/16/2012 7:00	29043	7.434	33.45	13.53	15.31	3.838	32.98	14.07	8.16	44.15	44.11	39.93	38.02	0	0	26.52	3.49	0	12
11/16/2012 8:00	29044	9.58	49.03	10.12	15.31	5.334	44.46	15.42	11.74	44.19	44.16	41.54	39.51	0	28.03	26.52	3.487	-0.003	13.97
11/16/2012 9:00	29045	9.69	60.51	9.93	15.31	5.915	55.33	17.02	11.74	45.96	46.44	40.47	38.05	0	164.4	26.54	3.486	-0.001	15.2
11/16/2012 10:00	29046	10.23	60.42	11.19	15.31	6.317	54.44	18.35	11.74	49.67	50.93	40.88	37.55	0	340.2	26.59	3.482	-0.003	12.01
11/16/2012 11:00	29047	8.28	58.69	16.61	13.52	5.097	51.12	21.78	11.74	53.81	55.18	41.86	38.42	0	531.6	26.64	3.482	-0.001	15.49
11/16/2012 12:00	29048	8.76	92	23.28	15.31	6.101	86	32.56	11.74	58.11	60.13	44.32	40.13	0	620.1	26.66	3.465	-0.016	11.98
11/16/2012 13:00	29049	10	130.8	19.75	17.1	6.676	131.2	27.36	15.31	61.32	63.66	46.5	41.88	0	668.8	26.65	3.464	-0.001	15.73
11/16/2012 14:00	29050	9.36	145.3	25.23	18.89	6.24	148.2	31.69	13.52	63.67	66	44.51	40.09	0	645.2	26.64	3.455	-0.01	11.96
11/16/2012 15:00	29051	8.54	138.5	30.71	17.1	5.782	141.3	36.61	13.52	64.42	66.27	43.67	39.79	0	435.3	26.62	3.398	-0.057	15.24
11/16/2012 16:00	29052	9.39	134	15.68	15.31	6.129	135.4	22.66	13.52	63.83	65.15	43.6	40.27	0	257.4	26.59	3.392	-0.006	11.78
11/16/2012 17:00	29053	10.49	142.3	16.19	18.89	6.592	144.8	21.95	18.89	63.88	65	42.92	39.84	0	206.6	26.57	3.389	-0.003	14.01
11/16/2012 18:00	29054	9.62	139.5	9.63	15.31	5.861	141.4	15.76	11.74	61.46	61.49	45.31	43.11	0	22.62	26.55	3.38	-0.009	16.84
11/16/2012 19:00	29055	8.02	141.2	8.14	15.31	4.402	141.5	14.65	11.74	58.85	58.27	52.21	50.11	0	0.099	26.53	3.374	-0.006	12.52

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/16/2012 20:00	29056	7.204	133.2	5.862	9.95	2.633	120.4	13.31	4.578	55.14	52.63	59.14	59.02	0	0.001	26.53	3.378	0.004	14.85
11/16/2012 21:00	29057	7.332	117.8	7.353	9.95	3.019	106	15.96	6.368	52.6	50.07	63.29	63.23	0	0	26.51	3.368	-0.009	12.13
11/16/2012 22:00	29058	7.008	132	9.68	9.95	3.435	129.2	17.07	6.368	52.37	51.37	63.74	61.7	0	0	26.51	3.365	-0.003	11.76
11/16/2012 23:00	29059	7.288	133.4	10.23	9.95	3.075	128.1	17.42	6.368	50.45	48.89	68.57	66.68	0	0	26.51	3.365	0	12.38
11/17/2012 0:00	29060	6.682	141.6	12.35	11.74	2.886	137.9	17.79	8.16	49.11	48.09	74.94	71.88	0	0	26.5	3.362	-0.003	15.15
11/17/2012 1:00	29061	4.421	128.6	10.37	8.16	1.374	119.6	12.94	4.578	49.22	48.76	77.19	73.16	0	0	26.49	3.362	0	12
11/17/2012 2:00	29062	5.217	160	20.31	15.31	1.971	174.7	11.3	11.74	49.51	49.06	79	74.55	0	0	26.48	3.362	0	11.95
11/17/2012 3:00	29063	6.821	191.3	12.01	11.74	4.23	193.9	16.46	8.16	51.04	51.1	80.1	75.31	0	0	26.49	3.359	-0.003	15.53
11/17/2012 4:00	29064	7.447	184.8	11.21	11.74	4.46	187	17.33	8.16	51.78	51.82	80.8	76.02	0	0.001	26.49	3.365	0.006	15.45
11/17/2012 5:00	29065	11.3	159	15.41	22.47	6.76	160.8	20.76	15.31	51.93	51.99	80.4	75.73	0	0.001	26.48	3.359	-0.006	11.98
11/17/2012 6:00	29066	12.49	166.8	9.94	22.47	7.215	169.3	17.18	15.31	51.18	51.27	80.7	75.86	0	0	26.48	3.359	0	14.69
11/17/2012 7:00	29067	12.2	170.2	10.01	18.89	7.214	172.4	16.71	15.31	50.5	50.56	78.84	74.32	0	0.001	26.49	3.359	0	12.02
11/17/2012 8:00	29068	10.82	168.4	10.96	17.1	6.332	170.4	17.62	13.52	49.83	49.88	77.5	73.05	0	7.407	26.49	3.353	-0.006	16.02
11/17/2012 9:00	29069	9.1	165.5	12.12	17.1	5.392	167.3	18.21	9.95	50.23	50.58	76.28	71.39	0	53.35	26.51	3.349	-0.003	11.95
11/17/2012 10:00	29070	9.97	163.6	12.31	15.31	6.11	166	18.71	11.74	51.18	51.98	76.47	70.7	0	130.7	26.52	3.346	-0.003	15.83
11/17/2012 11:00	29071	8.35	161.3	18.56	15.31	5.442	163.7	24.78	11.74	53.59	54.94	73.85	67.64	0	358.6	26.54	3.346	-0.001	12.04
11/17/2012 12:00	29072	8.07	152.9	24	17.1	5.55	154.3	30.5	15.31	58.07	60.18	64.93	58.68	0	614.8	26.58	3.342	-0.004	11.85
11/17/2012 13:00	29073	8.03	166.5	20.49	15.31	5.579	169.1	26.93	13.52	61.88	64.02	56.51	50.87	0	649.1	26.59	3.338	-0.004	14.08
11/17/2012 14:00	29074	7.71	172.7	22.95	15.31	5.391	176	29.26	11.74	65.03	66.92	50.92	46.21	0	597.1	26.58	3.331	-0.006	16.9
11/17/2012 15:00	29075	8.94	157.1	21.44	17.1	5.859	160.1	28.36	13.52	66.12	67.89	46.92	42.87	0	397.2	26.55	3.331	0	15.95
11/17/2012 16:00	29076	10.16	154.1	15.11	17.1	6.351	156.5	20.81	13.52	66.09	67.39	45.91	42.42	0	232.5	26.52	3.322	-0.009	12.75
11/17/2012 17:00	29077	10.45	160	12.09	17.1	6.355	161.4	18.36	13.52	65.11	65.67	47.53	44.68	0	99.2	26.5	3.317	-0.005	12.26
11/17/2012 18:00	29078	10.96	152.3	9.36	17.1	6.683	154	15.48	13.52	63.21	63.26	50.52	48	0	19.25	26.48	3.31	-0.006	11.93
11/17/2012 19:00	29079	7.968	155.8	10.74	13.52	4.431	157.2	17.53	9.95	61.25	60.87	53.98	51.68	0	0.068	26.47	3.31	0	13.91
11/17/2012 20:00	29080	7.879	165.6	9.12	11.74	4.271	166.7	15.55	11.74	59.22	58.74	57.53	55.19	0	0.006	26.47	3.301	-0.009	15.09
11/17/2012 21:00	29081	6.377	145.9	13.91	9.95	2.947	141	19.12	6.368	56.96	55.96	60.54	58.76	0	0.003	26.45	3.295	-0.006	15.7
11/17/2012 22:00	29082	7.066	133.7	11.57	11.74	3.7	131.9	19.51	8.16	55.98	55.22	61.78	59.69	0	0.001	26.44	3.292	-0.003	11.92
11/17/2012 23:00	29083	6.344	167.6	10.11	9.95	3.404	169.7	15.76	8.16	55.9	55.57	61.85	59.09	0	0.003	26.44	3.289	-0.003	11.44
11/18/2012 0:00	29084	7.503	172	9.68	13.52	4.31	175.6	16.61	9.95	55.49	55.09	63.11	60.37	0	0.001	26.43	3.292	0.003	16.44
11/18/2012 1:00	29085	6.375	170.2	8.12	17.1	2.919	171.6	13.62	8.16	54	53.3	66.13	63.54	0	0.001	26.41	3.286	-0.006	16.58
11/18/2012 2:00	29086	5.627	172.2	8.41	9.95	2.165	173.3	13.18	6.368	52.1	51.17	70.21	67.73	0	0.001	26.38	3.283	-0.003	16.82
11/18/2012 3:00	29087	7.77	183.2	9.5	13.52	4.643	186.5	15.88	9.95	52.62	52.39	71.13	67.6	0	0.001	26.37	3.283	0	16.73
11/18/2012 4:00	29088	7.89	189	8.88	13.52	4.711	191.7	14.97	9.95	51.67	51.35	72.44	69.04	0	0	26.37	3.283	0	12.99
11/18/2012 5:00	29089	4.662	211.5	13.98	9.95	1.991	213.2	13.83	6.368	50.68	50.12	72.99	69.92	0	0	26.36	3.28	-0.003	16.75
11/18/2012 6:00	29090	3.606	175.7	22.83	6.368	0.397	154.1	15.85	2.789	50	48.96	73.86	71.5	0	0	26.35	3.28	0	11.98
11/18/2012 7:00	29091	4.372	158.9	10.78	6.368	1.048	150.9	8.93	4.578	49.34	48.4	74.75	72.25	0	0	26.35	3.276	-0.003	12.01
11/18/2012 8:00	29092	3.385	142.1	11.6	6.368	0.539	133.8	8.38	2.789	49.73	49.32	74.69	71.4	0	4.355	26.36	3.276	0	12.04
11/18/2012 9:00	29093	3.407	190.6	24.36	6.368	1.633	198.9	19.65	4.578	50.51	50.57	74.24	70.46	0	32.46	26.38	3.276	0	16.87
11/18/2012 10:00	29094	7.756	199.2	11.36	13.52	5.162	201.4	15.19	9.95	52.75	53.04	72.98	68.99	0	80.8	26.41	3.276	0	15.48
11/18/2012 11:00	29095	7.414	213.3	19.11	15.31	4.747	215.7	20.39	9.95	53.02	53.14	76.5	73.35	0.01	60.53	26.43	3.28	0.003	15.77
11/18/2012 12:00	29096	4.976	264.9	31.89	9.95	3.109	260.3	31.46	9.95	52.21	52.33	84	80.6	0.04	83.1	26.43	3.28	0	12
11/18/2012 13:00	29097	5.151	261.2	20.71	9.95	3.388	260.6	22.35	6.368	53.9	54	86.9	83.9	0.02	122.8	26.42	3.28	0	15.95
11/18/2012 14:00	29098	6.173	325.6	65.05	11.74	3.932	309.7	55.97	9.95	54.97	55.09	88.4	86.4	0.03	75.36	26.4	3.298	0.019	15.73
11/18/2012 15:00	29099	7.224	298.1	13.65	13.52	5.124	297.8	15.57	11.74	56.12	56.18	90.6	90.1	0.08	57.47	26.41	3.358	0.06	12.06
11/18/2012 16:00	29100	5.318	225.2	31.83	11.74	3.068	226.4	29.3	9.95	57.25	57.22	88.5	91.3	0.05	136.2	26.4	3.396	0.038	15.65

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/18/2012 17:00	29101	5.476	211.9	23.75	8.16	3.345	214.1	25.23	6.368	57.43	57.75	89.2	90.2	0	62.92	26.41	3.393	-0.003	11.91
11/18/2012 18:00	29102	5.53	184.6	13.34	9.95	2.477	190.1	14.06	6.368	56.52	56.72	91.1	92.5	0	19.69	26.42	3.396	0.003	13.15
11/18/2012 19:00	29103	4.838	148.4	14.3	8.16	1.138	156	10.2	6.368	55.35	55.09	91.5	94.9	0	0.062	26.42	3.393	-0.003	11.91
11/18/2012 20:00	29104	5.019	181	33.71	9.95	1.697	170.7	27.66	6.368	55.26	54.66	89.3	95.7	0	0.004	26.42	3.397	0.003	12.56
11/18/2012 21:00	29105	5.789	197.3	14	9.95	1.731	195.6	12.51	6.368	54.95	53.71	86.3	94.2	0	0.003	26.42	3.397	0	14.94
11/18/2012 22:00	29106	5.905	189	7.689	9.95	1.803	187.1	10.65	6.368	53.15	51.89	85.6	91.9	0	0.002	26.43	3.394	-0.003	11.94
11/18/2012 23:00	29107	5.92	192.8	11.7	9.95	2.202	193.3	14.22	6.368	51.45	50.76	86.6	90	0	0	26.42	3.394	0	11.95
11/19/2012 0:00	29108	5.461	215.8	9.71	8.16	1.918	219.7	13	6.368	50.5	49.62	87.8	90.2	0	0	26.42	3.394	0	14.97
11/19/2012 1:00	29109	4.765	237.9	13.65	8.16	0.81	254.9	15.61	4.578	49.56	48.8	89.4	91.2	0	0.001	26.4	3.394	0	15.51
11/19/2012 2:00	29110	4.955	246.2	3.97	6.368	0.319	261.9	4.769	2.789	49.04	47.92	90.6	92.9	0.01	0.002	26.39	3.394	0	12.04
11/19/2012 3:00	29111	3.951	245.6	11.78	6.368	0.028	276	1.994	2.789	48.06	46.59	91.7	96.2	0	0.001	26.38	3.394	0	11.74
11/19/2012 4:00	29112	4.725	273.9	10.44	8.16	0.931	304	7.611	4.578	47.81	45.76	92	99.9	0	0	26.37	3.395	0.001	12.31
11/19/2012 5:00	29113	4.746	283.9	6.745	8.16	1.441	300.2	10.74	4.578	47.64	45.84	91.7	99.9	0	0	26.38	3.394	0	12.07
11/19/2012 6:00	29114	1.667	208.6	19.18	6.368	0.361	158.2	2.234	4.578	47.67	44.31	91.6	99.9	0	0	26.37	3.392	-0.003	12
11/19/2012 7:00	29115	0	0	0	0	0	0	0	0	46.43	44.12	92.1	99.9	0	0	26.38	3.395	0.003	16.43
11/19/2012 8:00	29116	0.41	235	11.3	4.578	0	0	0	0	44.35	42.98	92.3	99.9	0	7.134	26.39	3.392	-0.003	12.07
11/19/2012 9:00	29117	0.724	252.8	24.46	4.578	0.274	313.1	8.68	4.578	44.75	44.42	92.7	99.9	0	125.4	26.41	3.395	0.003	12.27
11/19/2012 10:00	29118	4.305	261.1	20.66	9.95	3.265	262.6	21.94	6.368	55.17	53.3	88.7	99.9	0	381.9	26.48	3.393	-0.002	12.39
11/19/2012 11:00	29119	8.02	283.9	14.69	13.52	6.371	283.9	16.84	11.74	61.99	61.14	69.68	77.8	0	519.2	26.56	3.396	0.003	12.9
11/19/2012 12:00	29120	9.45	305.3	14.64	15.31	7.186	304.4	15.59	13.52	65.93	66.32	52.42	51.02	0	538.2	26.58	3.392	-0.004	11.85
11/19/2012 13:00	29121	10.51	315.3	13.22	17.1	8.35	315.1	14.56	15.31	67.57	68.33	41.57	41.2	0	465	26.57	3.395	0.003	14.35
11/19/2012 14:00	29122	9.08	308.6	17.42	15.31	7.391	309.6	19.36	13.52	68.96	69.48	33.13	33.38	0	426.3	26.55	3.395	0	12.02
11/19/2012 15:00	29123	8.56	289.9	20.56	15.31	6.809	290.6	24.03	13.52	70.03	70.68	29.13	29.42	0	455.3	26.53	3.395	0	12.01
11/19/2012 16:00	29124	8.07	275.2	17.83	15.31	5.861	275.9	21.35	11.74	69.42	70.09	28.41	28.83	0	258.3	26.53	3.395	0	11.94
11/19/2012 17:00	29125	9.32	272.5	15.67	17.1	6.643	271.5	18.95	13.52	69.91	70.82	27.29	27.4	0	251.6	26.52	3.392	-0.003	11.66
11/19/2012 18:00	29126	7.403	273.6	10.78	15.31	4.663	273.9	12.44	11.74	66.73	66.77	31.62	32.72	0	54.26	26.52	3.395	0.004	15.83
11/19/2012 19:00	29127	4.168	278.1	15.33	6.368	0.57	321.9	9.48	2.789	61.06	57.77	40.21	46.97	0	0.097	26.49	3.396	0	15.89
11/19/2012 20:00	29128	3.351	258.2	24.23	6.368	0.063	324.9	6.854	2.789	57.33	53.4	47.53	54.24	0	0	26.46	3.394	-0.002	13.24
11/19/2012 21:00	29129	2.652	255.8	9.67	4.578	0.205	62.57	3.762	2.789	54.61	50.42	54.33	61.97	0	0	26.44	3.394	0	16.72
11/19/2012 22:00	29130	1.14	290.8	7.696	4.578	0.148	54.62	2.791	2.789	53.08	49.32	56.19	66.1	0	0	26.43	3.397	0.003	13.6
11/19/2012 23:00	29131	2.615	291.6	19.91	4.578	0	0	0	0	53.8	48.41	53.14	65.96	0	0	26.43	3.392	-0.006	11.99
11/20/2012 0:00	29132	6.437	323.5	5.732	9.95	1.901	325.5	8.76	6.368	53.45	47.91	54.97	67.53	0	0	26.43	3.392	0	15.09
11/20/2012 1:00	29133	7.237	324.8	5.758	15.31	3.9	324.2	9.03	8.16	51.78	49.43	58.49	63.06	0	0	26.43	3.394	0.003	11.94
11/20/2012 2:00	29134	9.35	322.3	6.257	15.31	6.307	323.9	7.95	9.95	52.19	50.63	56.59	58.86	0	0	26.44	3.394	0	12.06
11/20/2012 3:00	29135	9.62	329.6	7.095	13.52	6.755	330.6	9.3	9.95	51.92	50.45	57.25	58.56	0	0	26.44	3.394	0	12.04
11/20/2012 4:00	29136	10.23	329	5.471	13.52	7.206	327.1	8.53	9.95	52.64	50.98	53.64	55.73	0	0	26.44	3.394	0	12.62
11/20/2012 5:00	29137	9.26	324.8	4.824	11.74	5.837	316	7.471	9.95	50.94	48.74	52.28	56.03	0	0	26.44	3.394	0	12.09
11/20/2012 6:00	29138	10.04	324.6	5.69	13.52	6.642	317.1	7.412	11.74	48.91	47.05	52.11	55.08	0	0	26.44	3.394	0	12.15
11/20/2012 7:00	29139	10.84	322.8	4.748	15.31	6.894	314.7	6.972	9.95	47.22	45.27	53.15	56.28	0	0	26.44	3.392	-0.002	11.95
11/20/2012 8:00	29140	9.39	336.8	9.96	17.1	6.489	331.5	11.54	13.52	47.57	46.31	48.4	50.01	0	16.03	26.45	3.392	0	12.51
11/20/2012 9:00	29141	5.183	343.1	20.06	9.95	3.211	331.3	19.13	8.16	49.53	49.33	46.11	45.69	0	162.3	26.49	3.394	0.002	11.74
11/20/2012 10:00	29142	6.385	1.729	16.22	11.74	4.233	353.1	17.96	9.95	55.66	55.92	36.17	35.8	0	328.7	26.55	3.393	-0.001	12.09
11/20/2012 11:00	29143	5.158	22.55	18.94	8.16	3.269	13.38	23.17	8.16	63.37	64.07	27.83	27.55	0	539.8	26.62	3.395	0.002	11.99
11/20/2012 12:00	29144	3.223	27.23	32.71	6.368	2.055	12.66	36.35	6.368	69.98	70.54	20.35	20.68	0	652.4	26.66	3.391	-0.004	16.83
11/20/2012 13:00	29145	3.5	60.46	60.73	8.16	2.303	58.72	57.22	6.368	73.5	73.85	13.47	14.39	0	687.9	26.66	3.391	0	12.02

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/20/2012 14:00	29146	3.998	199.8	78.38	9.95	2.761	203.9	68.95	9.95	73.69	74.08	11.25	12.04	0	634.6	26.64	3.388	-0.003	13.11
11/20/2012 15:00	29147	4.1	253.1	85.5	9.95	2.794	260	80.1	8.16	73.71	74.22	11.85	12.51	0	521.5	26.61	3.378	-0.009	16.22
11/20/2012 16:00	29148	4.583	228.8	50.12	9.95	3.027	233.7	44.84	8.16	73	73.69	12.04	12.66	0	382.1	26.59	3.369	-0.009	11.9
11/20/2012 17:00	29149	3.269	221.3	52.46	6.368	2.009	220.3	43.24	6.368	72.47	72.9	11.47	12.34	0	220.7	26.57	3.363	-0.006	15.99
11/20/2012 18:00	29150	2.05	310.1	31.68	4.578	0.589	325.7	33.85	4.578	68.51	67.34	14.63	19.79	0	42.98	26.55	3.357	-0.006	13.19
11/20/2012 19:00	29151	4.515	31.14	11.35	8.16	1.59	40.14	7.988	4.578	63.22	60.45	23.02	28.62	0	0.078	26.51	3.355	-0.003	13.86
11/20/2012 20:00	29152	6.595	50.24	5.709	9.95	3.038	55.67	9.93	4.578	60.64	56.38	24.5	32.99	0	0.001	26.49	3.346	-0.009	11.89
11/20/2012 21:00	29153	8.43	75.99	11.69	11.74	4.107	69.17	16.52	8.16	57.78	55.06	28.81	32.91	0	0.001	26.48	3.34	-0.006	12.03
11/20/2012 22:00	29154	8.24	109.6	8.79	11.74	3.866	103.9	19.4	8.16	55.19	52.71	35.5	38.86	0	0	26.48	3.337	-0.003	16.31
11/20/2012 23:00	29155	6.137	108.9	5.671	8.16	2.316	90.8	16.26	4.578	54.39	51.39	36.28	40.91	0	0	26.48	3.34	0.003	15.6
11/21/2012 0:00	29156	6.308	108.9	6.018	9.95	2.563	87.7	12.47	4.578	53.7	50.51	36.32	41.49	0	0	26.47	3.334	-0.006	11.89
11/21/2012 1:00	29157	7.23	125.3	6.465	9.95	2.74	107.1	14.25	4.578	52.6	49.17	37.47	42.86	0	0	26.46	3.334	0	16.94
11/21/2012 2:00	29158	6.557	111.3	12.52	9.95	2.849	89.6	18.48	4.578	52.25	49.32	40.1	44.49	0	0	26.45	3.33	-0.003	11.99
11/21/2012 3:00	29159	7.14	110.1	10.57	9.95	3.463	96.7	19.29	6.368	53.28	51.11	39.9	43.08	0	0	26.45	3.33	0	12.01
11/21/2012 4:00	29160	7.348	109.4	8.43	11.74	3.873	100.6	18.02	8.16	53.66	52.44	40.56	41.57	0	0	26.45	3.33	0	15.22
11/21/2012 5:00	29161	5.806	108.1	9.07	8.16	2.645	92.9	16.96	4.578	52.76	51.32	43.93	45.19	0	0	26.45	3.327	-0.003	16.62
11/21/2012 6:00	29162	4.801	97.5	18.06	9.95	2.174	86.8	23.19	6.368	52.36	51.34	47.53	47.64	0	0	26.45	3.327	0	16.75
11/21/2012 7:00	29163	4.907	84.2	8.23	8.16	2.397	64.19	10.94	4.578	51.97	51	56.56	55.27	0	0.001	26.45	3.327	0	11.99
11/21/2012 8:00	29164	5.369	115.3	16.48	8.16	2.141	97.9	22.26	4.578	52.52	51.18	68.3	65.7	0	7.822	26.45	3.324	-0.003	14.84
11/21/2012 9:00	29165	7.889	143.3	10.78	11.74	4.63	143.5	17.45	9.95	56.61	56.45	76.66	72.45	0	113.6	26.47	3.327	0.003	11.49
11/21/2012 10:00	29166	11.78	165.7	11.34	20.68	7.262	168.6	17.14	17.1	61.46	61.93	71.76	67.35	0	204.1	26.5	3.326	-0.001	16.71
11/21/2012 11:00	29167	17.19	186.3	10.35	27.84	11.12	190	15.89	20.68	65.64	66.8	59.21	54.89	0	453.3	26.54	3.326	0	12.02
11/21/2012 12:00	29168	17.34	190.5	11.34	26.05	11.33	194.3	16.24	18.89	69.13	70.64	48.08	44.44	0	515.1	26.57	3.322	-0.004	12.14
11/21/2012 13:00	29169	16.24	181.4	12.72	26.05	10.26	184.5	17.85	20.68	70.41	71.69	42.87	40.07	0	439.5	26.54	3.315	-0.006	16.71
11/21/2012 14:00	29170	15.88	172.4	10.86	26.05	9.71	174.7	17.16	18.89	72.42	73.9	36.48	34	0	463.1	26.51	3.306	-0.01	11.96
11/21/2012 15:00	29171	16.06	176.4	13.11	26.05	10.14	179.9	18.41	20.68	73.55	74.98	35.43	33.05	0	425.5	26.5	3.296	-0.01	15.63
11/21/2012 16:00	29172	15.4	181.6	10.47	26.05	9.77	184.9	16.2	17.1	73.31	74.3	36.86	34.75	0	283.4	26.49	3.284	-0.013	11.94
11/21/2012 17:00	29173	14.02	193.1	12.14	22.47	9.08	196.2	16.1	17.1	72.13	72.51	40.44	38.59	0	164.1	26.47	3.271	-0.013	12.74
11/21/2012 18:00	29174	10.96	171.5	9.28	18.89	6.297	173.1	15.96	13.52	68.49	68.09	49.28	47.76	0	22.33	26.45	3.266	-0.006	16.73
11/21/2012 19:00	29175	7.971	153.7	6.628	11.74	3.871	150.8	13.74	8.16	64.54	63.14	56.83	56.34	0	0.075	26.42	3.263	-0.003	11.9
11/21/2012 20:00	29176	8.47	148.8	8.37	11.74	4.33	145.8	15.95	8.16	63.18	61.94	59.39	58.66	0	0.007	26.4	3.26	-0.003	12.3
11/21/2012 21:00	29177	8.1	151.9	7.305	11.74	4.171	150.3	13.96	8.16	62.38	61.34	61.74	60.54	0	0.009	26.4	3.256	-0.003	11.45
11/21/2012 22:00	29178	10.11	162.6	9.22	17.1	5.594	163.8	15.63	11.74	62.15	61.45	66.84	64.53	0	0.009	26.4	3.253	-0.003	16.78
11/21/2012 23:00	29179	10.67	173.4	9.57	17.1	6.003	176.5	15.99	9.95	60.26	59.57	73.27	70.59	0	0.006	26.4	3.253	0	11.92
11/22/2012 0:00	29180	8.34	184.6	10.84	13.52	4.585	187.2	15.68	9.95	58.56	57.74	76.76	74.1	0	0.004	26.39	3.251	-0.003	11.69
11/22/2012 1:00	29181	6.683	185.7	9.32	11.74	3.115	189	14.26	8.16	56.73	55.7	80	77.76	0	0.001	26.36	3.248	-0.003	16.44
11/22/2012 2:00	29182	5.329	199.7	14.78	8.16	1.143	195.5	14.14	6.368	56.2	54.56	80.3	78.98	0	0.001	26.33	3.248	0	11.96
11/22/2012 3:00	29183	5.096	183.2	13.01	9.95	0.739	172.7	13.72	4.578	54.41	52.33	83	82.4	0	0	26.31	3.248	0	11.65
11/22/2012 4:00	29184	6.204	190.9	12.89	9.95	2.194	190.8	15.05	6.368	52.77	51.56	85.3	84.4	0	0	26.31	3.245	-0.003	12.03
11/22/2012 5:00	29185	4.703	229.1	24.38	8.16	1.413	245.5	25.46	4.578	52.39	51.03	85	84.6	0	0	26.3	3.248	0.003	15.72
11/22/2012 6:00	29186	3.625	236.3	46.12	6.368	0.586	312.2	3.554	4.578	51.93	49.49	86.2	86.7	0	0	26.3	3.242	-0.006	11.53
11/22/2012 7:00	29187	4.533	197	12.91	6.368	0.149	200.8	1.245	2.789	51.31	48.43	86	89.3	0	0	26.3	3.242	0	15.23
11/22/2012 8:00	29188	4.958	199.9	11.81	6.368	0.134	233.1	1.738	2.789	50.27	47.33	86.1	90.7	0	4.795	26.3	3.239	-0.003	11.91
11/22/2012 9:00	29189	4.852	218.7	10.92	8.16	2.181	221.4	11.59	8.16	52.99	52.31	82.6	85.8	0	160.1	26.33	3.235	-0.003	11.62
11/22/2012 10:00	29190	8.24	216.4	10.19	13.52	6.057	218.3	13.53	11.74	57.7	58.39	73.73	69.3	0	345.6	26.4	3.234	-0.001	16.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/22/2012 11:00	29191	9.6	224	13.24	13.52	7.173	224.6	15.81	11.74	62.99	63.88	61.76	57.68	0	500.3	26.45	3.234	-0.001	12.12
11/22/2012 12:00	29192	10.04	249.7	15.59	15.31	7.458	250	19.33	13.52	69.15	69.86	47.91	45.09	0	604.7	26.47	3.233	-0.001	11.99
11/22/2012 13:00	29193	9.68	269.3	18.67	17.1	7.638	269.5	21.53	17.1	72.97	73.71	39.27	36.99	0	648.6	26.47	3.23	-0.003	11.68
11/22/2012 14:00	29194	10.56	278.7	21.19	20.68	8.42	278.7	23.74	15.31	75.77	76.49	27.85	26.57	0	632.4	26.46	3.223	-0.007	11.98
11/22/2012 15:00	29195	10.37	276.9	21.66	17.1	8.24	277	23.67	15.31	76.8	77.35	23.72	22.8	0	552.7	26.44	3.217	-0.006	16.76
11/22/2012 16:00	29196	10.27	276.4	15.6	18.89	8.03	275.9	18.3	15.31	77.54	78.01	17.83	17.58	0	417.1	26.44	3.211	-0.006	11.88
11/22/2012 17:00	29197	9.07	292	13.46	15.31	7.269	292.3	16.36	13.52	77.5	77.55	11.61	12.13	0	243.5	26.44	3.201	-0.009	16.11
11/22/2012 18:00	29198	4.272	265.3	13.3	9.95	2.081	266.2	15.94	8.16	74.8	73.58	14.31	16.09	0	48.84	26.43	3.195	-0.006	13.47
11/22/2012 19:00	29199	1.991	304.3	20.82	4.578	0.138	41.96	2.898	2.789	68.41	63.79	20.7	27.64	0	0.116	26.41	3.19	-0.005	11.8
11/22/2012 20:00	29200	1.237	344.3	23.7	4.578	1.401	64.32	7.287	4.578	65.53	58.34	23.49	38.38	0	0.001	26.39	3.187	-0.003	11.78
11/22/2012 21:00	29201	2.014	304.4	49.29	11.74	0.662	35.79	23.97	8.16	62.92	55.35	26.57	43.35	0	0.001	26.39	3.181	-0.006	16.35
11/22/2012 22:00	29202	10.32	18.7	15.33	20.68	5.683	13.79	20.81	15.31	62.35	60.49	24.88	27.8	0	0.001	26.4	3.172	-0.01	16.14
11/22/2012 23:00	29203	13.73	39.7	11.64	22.47	7.345	35.29	12.65	17.1	58.74	58.23	26.86	27	0	0.003	26.44	3.168	-0.003	16.77
11/23/2012 0:00	29204	16.93	46.02	8.04	24.26	8.84	38.97	11.92	17.1	56.14	55.72	31.74	31.33	0	0.001	26.47	3.165	-0.003	13.22
11/23/2012 1:00	29205	17.07	44.29	7.394	29.63	9.01	38.85	11.71	18.89	53.61	53.24	36.37	35.52	0	0	26.48	3.156	-0.009	16.43
11/23/2012 2:00	29206	18.27	43.51	8.47	29.63	9.67	38.47	11.66	18.89	51.8	51.5	40.61	39.37	0	0	26.49	3.146	-0.01	11.98
11/23/2012 3:00	29207	19.51	43.27	8.09	27.84	10.61	39.09	11.73	20.68	50.23	49.98	44.24	42.7	0	0	26.51	3.14	-0.006	15.75
11/23/2012 4:00	29208	20.03	44.36	8.1	29.63	10.86	39.65	11.69	20.68	48.24	48.02	48.56	46.69	0	0	26.53	3.134	-0.006	16.66
11/23/2012 5:00	29209	18.25	41.73	9	29.63	10.06	38.17	11.76	22.47	46.68	46.45	48.72	46.79	0	0	26.55	3.131	-0.003	12.02
11/23/2012 6:00	29210	14.71	34.58	11.61	29.63	8.04	32.4	12.24	18.89	45.1	44.92	43.12	41.55	0	0	26.58	3.125	-0.006	16.79
11/23/2012 7:00	29211	15.19	34.36	11.78	26.05	8.34	32.69	12.48	17.1	43.67	43.5	39.31	37.9	0	0	26.59	3.122	-0.003	12
11/23/2012 8:00	29212	15.7	31.04	12.06	27.84	8.62	29.38	12.82	18.89	42.58	42.4	40.17	38.6	0	14.66	26.61	3.119	-0.003	15.66
11/23/2012 9:00	29213	16.56	33.26	12.32	29.63	9.09	31.1	13.14	18.89	44.1	44.11	39.56	37.69	0	175.9	26.65	3.109	-0.01	11.8
11/23/2012 10:00	29214	19.35	40.32	11.67	31.42	10.64	36.75	13.05	22.47	46.59	46.93	35.39	33.64	0	367.6	26.72	3.102	-0.007	16.66
11/23/2012 11:00	29215	17.95	52.14	11.97	29.63	10.35	46.01	16.44	22.47	49.43	50.3	27.85	26.35	0	521.1	26.77	3.095	-0.007	12.03
11/23/2012 12:00	29216	17.29	59.2	13.33	27.84	10.42	53.71	18.66	22.47	51.62	53.06	22.71	21.35	0	623.5	26.79	3.088	-0.007	12.47
11/23/2012 13:00	29217	15.51	63.17	12.01	27.84	9.89	58.08	17.75	18.89	54	55.76	17.6	16.56	0	664.8	26.79	3.079	-0.01	14.46
11/23/2012 14:00	29218	13.13	64.65	16.67	22.47	8.4	58.91	21.74	18.89	55.94	57.7	15.02	14.24	0	639.9	26.78	3.072	-0.006	11.65
11/23/2012 15:00	29219	13.1	67.27	16.73	20.68	8.33	61.61	21.38	17.1	57.02	58.7	13.7	13.05	0	555.6	26.77	3.063	-0.01	12.04
11/23/2012 16:00	29220	11.61	73.13	15.25	20.68	7.558	68.19	22.6	15.31	57.43	58.95	14.04	13.43	0	416.7	26.76	3.047	-0.016	11.97
11/23/2012 17:00	29221	11.12	77.46	12.95	18.89	7.135	73.09	20.49	13.52	57	58.12	15.21	14.74	0	238	26.73	3.038	-0.01	11.96
11/23/2012 18:00	29222	8.64	75.24	9.24	15.31	5.092	69.84	16.21	11.74	54.6	54.36	18.07	18.38	0	46.27	26.71	3.028	-0.009	11.97
11/23/2012 19:00	29223	7.549	69.87	6.446	11.74	3.924	67.66	13.05	6.368	50.04	47.94	22.71	24.95	0	0.095	26.67	3.02	-0.009	11.98
11/23/2012 20:00	29224	7.581	76.12	7.54	9.95	3.756	71.6	15.86	6.368	47.21	45.18	26	28.04	0	0	26.65	3.02	0	15.72
11/23/2012 21:00	29225	7.141	73.49	5.224	9.95	3.639	64.43	12.13	6.368	44.75	42.74	29.33	31.32	0	0	26.64	3.017	-0.003	15.77
11/23/2012 22:00	29226	6.791	65.08	6.745	9.95	3.519	59.99	10.79	6.368	43.68	41.66	31.07	33.2	0	0	26.63	3.011	-0.006	11.49
11/23/2012 23:00	29227	6.492	71.14	10.06	9.95	3.19	65.87	11.88	4.578	42.5	40.14	33.14	35.58	0	0	26.62	3.011	0	11.7
11/24/2012 0:00	29228	7.415	85.7	4.693	9.95	3.353	70.3	10.47	6.368	41.77	39.07	34.48	37.67	0	0	26.6	3.008	-0.003	11.52
11/24/2012 1:00	29229	7.467	83.9	5.914	13.52	3.375	71.87	12.16	6.368	41.22	38.56	35.73	38.67	0	0	26.59	3.005	-0.003	16.76
11/24/2012 2:00	29230	6.361	93.5	4.982	9.95	3.2	78.32	12.46	4.578	40	37.66	37.42	39.75	0	0	26.58	2.979	-0.025	12.01
11/24/2012 3:00	29231	5.334	108.8	11.43	8.16	2.167	75.75	12.56	4.578	37.28	35.14	42.4	44.29	0	0	26.56	2.98	0	16.32
11/24/2012 4:00	29232	3.045	176.8	49.6	6.368	0.36	160.1	20.06	4.578	36.55	34.47	43.25	45.33	0	0	26.54	2.98	0	13.04
11/24/2012 5:00	29233	2.248	237.6	11.47	4.578	0.158	184.2	12.61	2.789	36.09	32.54	43.41	48.93	0	0	26.52	2.98	0	13.94
11/24/2012 6:00	29234	0.938	230.5	10.93	4.578	0.027	40.23	1.919	2.789	35.19	31.76	44.68	53.59	0	0	26.5	2.98	0	13.65
11/24/2012 7:00	29235	0.692	207.6	8.69	2.789	0.037	53.23	0.455	2.789	35.09	32.24	44.56	51.94	0	0	26.5	2.98	0	11.47

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/24/2012 8:00	29236	3.019	193.9	14.39	9.95	0.603	150.1	5.903	4.578	36.17	32.25	42.77	50.91	0	13.8	26.49	2.981	0	11.87
11/24/2012 9:00	29237	6.226	193	13.28	9.95	3.775	197.4	17.49	6.368	40.03	39.65	42.52	42.84	0	174.7	26.5	2.976	-0.004	11.96
11/24/2012 10:00	29238	10.86	203.6	10.45	20.68	7.706	206.7	14.11	18.89	46.79	47.75	33.18	31.45	0	367.6	26.57	2.978	0.002	14.4
11/24/2012 11:00	29239	13.85	204.6	9.78	20.68	9.76	206.7	13.73	17.1	50.42	51.75	30.28	28.3	0	524.2	26.61	2.974	-0.004	13.48
11/24/2012 12:00	29240	14.9	202.4	11.8	22.47	10.4	205.4	15.76	17.1	54.43	56.09	29.58	27.26	0	625.5	26.61	2.968	-0.006	11.52
11/24/2012 13:00	29241	15	206.6	12.1	24.26	10.59	207.9	15.74	18.89	57.53	59.27	28.33	26.02	0	666.2	26.57	2.961	-0.006	16.72
11/24/2012 14:00	29242	14.89	210.6	12.23	22.47	10.59	212.8	15.3	18.89	59.83	61.57	28.62	26.22	0	643	26.53	2.945	-0.017	11.93
11/24/2012 15:00	29243	13.46	213.8	12.23	20.68	9.66	215.1	15.41	17.1	62.22	63.6	29.19	26.92	0	558	26.5	2.935	-0.01	16.83
11/24/2012 16:00	29244	13.52	214.4	11.79	20.68	9.58	215.5	14.88	17.1	64.18	65.3	28.47	26.52	0	419	26.48	2.923	-0.013	13.96
11/24/2012 17:00	29245	12.45	211.9	10.44	20.68	8.61	212.9	13.8	17.1	64.77	65.52	28.93	27.36	0	240	26.45	2.914	-0.009	11.87
11/24/2012 18:00	29246	9.36	195.5	10.67	15.31	5.568	196.3	15.89	13.52	61.93	61.41	32.43	31.89	0	47.35	26.41	2.908	-0.006	11.95
11/24/2012 19:00	29247	8.07	184.8	5.62	11.74	2.892	176.3	10.92	6.368	54.82	51.11	41.46	44.1	0	0.108	26.36	2.899	-0.009	13.69
11/24/2012 20:00	29248	8.07	184.8	5.351	11.74	3.163	177.8	12.44	6.368	52.2	48.87	46.68	49.2	0	0.001	26.33	2.899	0	15.06
11/24/2012 21:00	29249	5.965	205	10.75	9.95	1.597	199.8	13.55	4.578	50.75	47.15	50.21	52.78	0	0	26.31	2.896	-0.003	16.59
11/24/2012 22:00	29250	5.52	216.8	7.757	8.16	1.583	224.6	11.89	4.578	49.36	45.96	52.92	55.19	0	0	26.28	2.894	-0.003	16.4
11/24/2012 23:00	29251	7.221	214.2	5.979	9.95	3.481	216.5	10.45	6.368	47.99	45.42	56.55	57.53	0	0	26.27	2.89	-0.003	12.81
11/25/2012 0:00	29252	7.842	211.5	5.732	11.74	4.178	217.2	10.52	8.16	45.81	44.07	60.62	60.33	0	0	26.27	2.887	-0.003	15.64
11/25/2012 1:00	29253	6.967	204.3	8.9	11.74	3.396	207.5	14.65	6.368	45	43.26	62.27	61.83	0	0	26.25	2.887	0	12.61
11/25/2012 2:00	29254	4.918	212.5	7.461	8.16	0.876	225.3	15.71	4.578	43.42	40.26	65.41	66.93	0	0	26.23	2.884	-0.003	11.56
11/25/2012 3:00	29255	5.142	239.3	11.02	8.16	1.766	268.6	15.39	4.578	42.2	38.99	67.63	69.39	0	0	26.2	2.884	0	11.97
11/25/2012 4:00	29256	5.268	266.3	11.2	8.16	1.987	298.3	12.09	4.578	41.42	37.49	69.56	71.9	0	0	26.19	2.884	0	11.73
11/25/2012 5:00	29257	4.102	229.9	10.11	8.16	0.155	221.2	8.26	4.578	40.17	36.82	71.74	73.94	0	0	26.17	2.884	0	11.96
11/25/2012 6:00	29258	3.651	227.6	10.95	6.368	0.216	265.4	7.597	2.789	38.63	36.13	74.13	74.81	0	0	26.16	2.882	-0.002	11.85
11/25/2012 7:00	29259	2.957	272.8	15.67	6.368	0.834	312.2	5.503	4.578	38.03	35.37	75.82	76.2	0	0	26.16	2.885	0.003	12.48
11/25/2012 8:00	29260	5.388	252.1	10.44	8.16	0.424	275.9	12.06	4.578	40.33	35.48	73.24	76.24	0	13.08	26.17	2.882	-0.003	11.97
11/25/2012 9:00	29261	4.541	237.5	10.92	8.16	1.86	240.7	12.47	6.368	43.65	43.29	70.58	67.46	0	170.9	26.2	2.881	-0.001	16.7
11/25/2012 10:00	29262	6.66	228.5	12.66	9.95	4.922	230.3	15.37	8.16	53.2	53.53	55.68	52.69	0	356.7	26.28	2.879	-0.002	16.79
11/25/2012 11:00	29263	8.13	227.4	14.96	13.52	6.151	228.4	17.32	11.74	58.3	59.03	48.43	45.42	0	510.7	26.34	2.879	0	11.99
11/25/2012 12:00	29264	10.34	249.1	18.31	20.68	7.608	250.2	20.81	15.31	67.1	67.72	34.65	32.97	0	614.7	26.35	2.875	-0.004	16.51
11/25/2012 13:00	29265	12.35	261.8	14.8	18.89	9.34	262.2	17.13	17.1	71.03	71.77	25.73	24.46	0	659	26.34	2.875	0	11.98
11/25/2012 14:00	29266	12.74	262.5	14.24	20.68	9.63	263.1	16.94	17.1	73.53	74.3	19.82	19.02	0	639.2	26.32	2.869	-0.006	14.77
11/25/2012 15:00	29267	12.58	266.5	17.12	20.68	9.58	267.4	19.58	18.89	74.97	75.62	16.99	16.48	0	555.6	26.31	2.859	-0.01	11.74
11/25/2012 16:00	29268	11.58	263	16.31	18.89	8.68	264	18.84	17.1	75.81	76.24	14.88	14.62	0	417.5	26.29	2.85	-0.009	15.69
11/25/2012 17:00	29269	8.8	261.4	16.35	18.89	6.366	261.8	18.8	15.31	75.88	76.11	12.85	12.96	0	240.4	26.28	2.84	-0.009	11.94
11/25/2012 18:00	29270	5.775	268	18.39	11.74	2.857	269.6	32.11	9.95	72.51	71.24	14.41	15.65	0	46.31	26.26	2.824	-0.016	11.42
11/25/2012 19:00	29271	2.801	258.5	42.83	8.16	0.911	107.8	28.51	4.578	66.78	60.65	18.56	24.27	0	0.1	26.22	2.822	-0.002	11.91
11/25/2012 20:00	29272	4.506	233.5	13.21	9.95	0.684	197.1	37.37	4.578	62.81	56.32	23.46	29.15	0	0.001	26.19	2.816	-0.006	11.65
11/25/2012 21:00	29273	3.782	222.7	11.87	8.16	1.867	178	35.23	6.368	59.35	54.27	29.93	33.79	0	0.001	26.18	2.81	-0.006	11.48
11/25/2012 22:00	29274	5.019	257.9	27.39	8.16	2.219	255.8	38.08	4.578	57.22	54.26	35.13	37.41	0	0	26.18	2.807	-0.003	11.97
11/25/2012 23:00	29275	7.333	279.6	28.83	15.31	4.151	282.2	43.74	11.74	57.5	54.27	34.7	37.46	0	0.001	26.18	2.804	-0.003	16.56
11/26/2012 0:00	29276	7.783	301.2	6.971	13.52	4.331	295.6	10.87	8.16	54.72	52.02	37.85	40.04	0	0	26.18	2.801	-0.003	15.05
11/26/2012 1:00	29277	8.22	310.1	4.655	15.31	4.566	308.3	6.625	8.16	53.76	50.68	38.05	41.17	0	0.001	26.18	2.801	0	11.97
11/26/2012 2:00	29278	7.07	308.6	8.34	9.95	3.168	302.2	19.96	6.368	53.93	50.15	37.06	40.91	0	0	26.17	2.798	-0.003	15.46
11/26/2012 3:00	29279	4.702	291.9	21.83	8.16	1.359	251.9	28.34	4.578	48.74	44.78	45.28	48.79	0	0	26.17	2.798	0	12.04
11/26/2012 4:00	29280	4.674	213.7	20.64	11.74	1.605	177.4	42.99	6.368	46.56	41.23	49.38	55.33	0	0	26.16	2.798	0	13.04

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
11/26/2012 5:00	29281	4.73	249.2	18.61	8.16	1.262	305.8	23.52	4.578	47.03	41.32	48.87	56.2	0	0	26.16	2.792	-0.006	11.45	
11/26/2012 6:00	29282	4.918	280.4	18.33	8.16	0.95	299	22.54	2.789	46.97	40.46	49.27	57.76	0	0	26.17	2.792	0	12.05	
11/26/2012 7:00	29283	7.44	308.3	5.845	11.74	2.228	302.5	16.32	6.368	49.27	42.66	45.75	54.62	0	0	26.18	2.795	0.003	15.36	
11/26/2012 8:00	29284	9	311.7	7.629	11.74	5.897	310.9	8.82	9.95	49.42	47.61	45.53	46.73	0	11.66	26.21	2.792	-0.003	15.65	
11/26/2012 9:00	29285	8.78	320	9.58	15.31	6.655	320.1	11.17	13.52	53.65	52.84	38.19	38.13	0	161.8	26.27	2.791	-0.001	12.04	
11/26/2012 10:00	29286	11.48	322.7	7.87	18.89	8.84	323	10.9	15.31	61.14	61.08	26.95	26.58	0	355.6	26.35	2.787	-0.004	16.6	
11/26/2012 11:00	29287	13.44	321.1	8.16	20.68	10.15	321.5	11.56	17.1	66.92	67.14	21.68	21.36	0	429.4	26.41	2.787	-0.001	11.68	
11/26/2012 12:00	29288	11.83	324	10.51	20.68	9.35	322.7	12.26	17.1	70.83	70.99	15.48	15.71	0	379.1	26.43	2.786	0	11.7	
11/26/2012 13:00	29289	11.99	8.45	31.67	22.47	7.194	6.387	33	18.89	70.6	70.71	13.43	13.61	0	346	26.42	2.78	-0.006	12.02	
11/26/2012 14:00	29290	13.63	38.79	13.68	22.47	7.459	35.18	15.41	17.1	67.5	67.81	13.4	13.45	0	304.6	26.41	2.774	-0.006	11.85	
11/26/2012 15:00	29291	15.71	48.94	10.44	24.26	8.72	43.27	14.94	18.89	65.05	65.71	16.69	16.22	0	396.1	26.41	2.758	-0.015	11.83	
11/26/2012 16:00	29292	17.15	50.21	10.45	26.05	9.54	44.37	15.09	18.89	62.24	62.58	27.03	25.88	0	207.6	26.42	2.739	-0.019	14.44	
11/26/2012 17:00	29293	19.27	56.47	10.29	29.63	11.31	51.64	16.43	22.47	61.46	61.85	29.84	28.47	0	215.9	26.44	2.73	-0.009	11.98	
11/26/2012 18:00	29294	17.05	56	9.76	29.63	10.05	51.42	16.23	24.26	58.13	57.94	33.62	32.55	0	39.33	26.45	2.72	-0.01	16.22	
11/26/2012 19:00	29295	16.46	58.19	8.58	26.05	10.16	54.83	15.14	20.68	53.85	53.43	39.55	38.31	0	0.088	26.45	2.715	-0.006	16.72	
11/26/2012 20:00	29296	15.87	54.87	9.6	26.05	9.18	49.7	15.57	18.89	50.13	49.78	44.18	42.68	0	0.002	26.46	2.706	-0.009	11.98	
11/26/2012 21:00	29297	16.23	59.83	8.06	24.26	10.15	55.83	14.62	20.68	46.93	46.59	46.43	44.79	0	0.001	26.48	2.699	-0.006	11.95	
11/26/2012 22:00	29298	15.48	53.05	9.8	24.26	8.92	46.59	15.78	18.89	44.45	44.16	49.44	47.42	0	0	26.5	2.7	0.001	16.03	
11/26/2012 23:00	29299	10.62	38.29	13.69	20.68	5.778	33.04	15.43	17.1	42.28	42.1	53.32	50.78	0	0	26.55	2.687	-0.012	12.01	
11/27/2012 0:00	29300	10.16	24.48	13.07	18.89	5.498	21.43	16.37	13.52	39.21	39.14	58.38	55.15	0	0	26.56	2.684	-0.003	11.97	
11/27/2012 1:00	29301	11.82	23.53	13.83	22.47	6.518	21.87	17.11	15.31	38.07	38.01	58.66	55.45	0	0	26.55	2.684	0	12.02	
11/27/2012 2:00	29302	9.22	24.3	14.65	17.1	5.165	21.45	18.58	13.52	36.11	36.06	60.78	57.34	0	0	26.54	2.681	-0.003	11.88	
11/27/2012 3:00	29303	7.911	17.66	13.96	15.31	4.557	14.19	19.54	9.95	34.31	34.28	60.97	57.54	0	0	26.55	2.678	-0.003	15.83	
11/27/2012 4:00	29304	8.89	4.494	10.58	17.1	6.034	353.3	12.15	11.74	32.45	32.45	64.03	60.22	0	0	26.55	2.679	0.001	11.97	
11/27/2012 5:00	29305	7.257	17.6	14.04	15.31	4.198	15.46	18.71	11.74	31.2	31.18	66.2	62.27	0	0	26.54	2.682	0.003	15.41	
11/27/2012 6:00	29306	7.437	11.23	13.21	11.74	4.597	3.224	18.45	9.95	30.24	30.17	67.33	63.49	0	0	26.53	2.682	0	14.45	
11/27/2012 7:00	29307	7.403	11.84	13.32	13.52	4.33	6.25	20.18	9.95	29.86	29.78	66.92	63.18	0	0	26.53	2.676	-0.006	15.62	
11/27/2012 8:00	29308	5.621	342.9	10.12	9.95	3.899	333.5	12.03	8.16	28.48	28.21	68.74	65.13	0	10.4	26.54	2.676	0	11.94	
11/27/2012 9:00	29309	3.975	323.2	21.88	6.368	2.913	317.2	20.36	6.368	32.35	32.35	62.41	58.25	0	154.9	26.56	2.676	0	16.32	
11/27/2012 10:00	29310	1.581	306.7	58.43	6.368	0.879	258.5	40.21	6.368	41.23	40.98	46.59	44.61	0	350.4	26.63	2.674	-0.002	14.92	
11/27/2012 11:00	29311	4.588	218.3	30.36	9.95	3.142	223.7	28.86	9.95	43.22	43.96	42.59	39.72	0	513	26.69	2.673	-0.001	12.01	
11/27/2012 12:00	29312	7.437	224.4	20.18	15.31	5.632	225.6	23.67	11.74	45.44	46.49	40.61	37.44	0	621.9	26.7	2.673	0	16.62	
11/27/2012 13:00	29313	7.57	221.4	20.32	15.31	5.607	224.1	23.32	11.74	49.54	50.85	36.89	33.78	0	663.3	26.67	2.67	-0.003	11.98	
11/27/2012 14:00	29314	7.635	210.4	20.99	15.31	5.781	212.3	23.69	11.74	53.04	54.22	33.48	30.86	0	639.4	26.65	2.663	-0.006	11.46	
11/27/2012 15:00	29315	7.608	199.4	19.4	15.31	5.692	203.5	21.8	13.52	55.62	56.88	30.64	28.26	0	553.2	26.63	2.66	-0.003	16.83	
11/27/2012 16:00	29316	9.02	195.9	14.85	15.31	6.402	197.6	19.65	13.52	56.77	58.17	29.02	26.69	0	414.6	26.62	2.654	-0.006	12	
11/27/2012 17:00	29317	9.53	201	13.49	15.31	6.612	203.7	17.54	11.74	56.47	57.55	29.73	27.62	0	236	26.59	2.644	-0.009	13.29	
11/27/2012 18:00	29318	8.26	200	8.4	13.52	5.055	201.6	12.49	9.95	54.06	53.85	32.88	31.79	0	44.88	26.57	2.632	-0.013	11.99	
11/27/2012 19:00	29319	7.843	196.2	6.928	11.74	3.778	192.5	13.84	6.368	49.66	47.69	37.8	38.35	0	0.08	26.52	2.626	-0.006	11.89	
11/27/2012 20:00	29320	7.588	192.5	7.458	9.95	3.259	187	16.02	8.16	46.4	43.83	42.39	43.57	0	0	26.49	2.62	-0.006	16.31	
11/27/2012 21:00	29321	7.127	194	6.818	9.95	2.73	190.7	13.24	6.368	43.81	41.38	46.38	47.48	0	0	26.48	2.618	-0.003	16.34	
11/27/2012 22:00	29322	5.793	209.2	7.006	8.16	2.174	214.5	9.19	4.578	42.33	39.81	48.22	49.53	0	0	26.47	2.618	0	11.94	
11/27/2012 23:00	29323	4.974	224.2	10.43	8.16	1.085	242.4	13.55	4.578	40.06	37.66	50.94	51.97	0	0	26.46	2.614	-0.003	15.51	
11/28/2012 0:00	29324	4.842	236.4	17.44	8.16	0.617	267.2	29.35	4.578	40.21	36.24	50.97	54.51	0	0	26.45	2.612	-0.002	12.01	
11/28/2012 1:00	29325	4.896	258.6	10.13	8.16	1.498	295.5	12.2	4.578	40.17	35.94	51.64	55.91	0	0	26.44	2.615	0.003	14.5	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/28/2012 2:00	29326	5.828	277.5	7.789	8.16	3.192	303.2	7.518	6.368	40.67	35.73	50.77	56.38	0	0	26.43	2.612	-0.003	11.94
11/28/2012 3:00	29327	5.562	265.1	11.35	8.16	2.434	296.5	13.95	4.578	40.85	35.58	49.55	56.12	0	0	26.44	2.609	-0.003	13.96
11/28/2012 4:00	29328	5.817	284.5	7.717	8.16	2.767	303.5	6.731	4.578	41.24	35.49	49.12	56.42	0	0	26.44	2.609	0	12.56
11/28/2012 5:00	29329	5.469	298.5	4.322	8.16	1.498	304.9	6.336	4.578	41.41	35.46	49.11	56.72	0	0	26.43	2.609	0	11.94
11/28/2012 6:00	29330	4.634	281.9	21.14	8.16	0.756	294.5	19.97	6.368	40.78	34.32	50.39	58.61	0	0	26.43	2.609	0	16.6
11/28/2012 7:00	29331	5.739	304.9	4.177	8.16	1.52	289.4	12.29	4.578	38.44	32.99	55.44	61.53	0	0	26.43	2.609	0	11.98
11/28/2012 8:00	29332	5.08	281.5	10.45	8.16	2.065	295.5	12.04	4.578	39.54	34.05	53.68	60.13	0	10.99	26.44	2.609	0	12.65
11/28/2012 9:00	29333	3.96	268.3	22.41	6.368	1.921	262.1	20.9	4.578	42.97	41.83	51.1	50.81	0	166	26.47	2.611	0.002	15.36
11/28/2012 10:00	29334	5.315	225	13.29	9.95	4.106	225.1	15.85	8.16	50.23	50.58	43.88	41.54	0	355.3	26.55	2.604	-0.008	15.85
11/28/2012 11:00	29335	6.341	216.5	15.65	11.74	4.903	217.1	18.51	9.95	57.19	57.79	35.79	33.98	0	504.7	26.62	2.603	0	12
11/28/2012 12:00	29336	6.7	207.1	16.37	13.52	5.105	210.4	20.43	11.74	63.96	64.88	28.82	27.17	0	603.1	26.64	2.602	-0.001	11.71
11/28/2012 13:00	29337	11.51	212.9	12.17	18.89	8.45	215.8	15.08	17.1	67.34	68.76	31	28.64	0	643.3	26.64	2.599	-0.003	15.75
11/28/2012 14:00	29338	12.85	210.6	13.08	20.68	9.33	213.6	15.68	15.31	69.18	70.71	30.35	27.92	0	625.4	26.61	2.596	-0.003	12.01
11/28/2012 15:00	29339	11.46	206.9	14.57	18.89	8.01	209.6	17.65	13.52	69.72	70.88	27.52	25.71	0	409.9	26.59	2.58	-0.016	16.8
11/28/2012 16:00	29340	12.06	191.8	13.12	18.89	8.12	195.3	17.51	15.31	71.45	72.88	23.47	21.87	0	443.1	26.56	2.567	-0.013	12
11/28/2012 17:00	29341	10.82	185.2	13	17.1	7.13	188.6	18.38	13.52	71.14	72.23	23.25	22.01	0	260	26.55	2.558	-0.01	15.31
11/28/2012 18:00	29342	8.17	174.1	6.751	17.1	3.993	172.3	13.71	11.74	66.48	65.42	25.84	26.21	0	36.55	26.52	2.543	-0.015	12.05
11/28/2012 19:00	29343	6.092	142.8	14.91	8.16	2.351	96.5	20.53	4.578	60.06	56.34	31.92	34.54	0	0.05	26.48	2.54	-0.003	11.95
11/28/2012 20:00	29344	7.472	129.4	6.64	11.74	2.841	104.8	16.46	6.368	56.65	52.5	36.8	40	0	0.002	26.44	2.534	-0.006	12
11/28/2012 21:00	29345	6.095	153.2	20.46	9.95	2.463	142	35.51	6.368	53.19	50.79	42.36	43.32	0	0.001	26.43	2.528	-0.006	15.14
11/28/2012 22:00	29346	3.605	179.2	13.44	6.368	0.27	190.1	5.796	2.789	49.66	47.52	50.92	50.71	0	0	26.42	2.522	-0.006	11.48
11/28/2012 23:00	29347	3.539	179.1	17.72	6.368	0.437	190.7	15.28	2.789	47.51	45.53	62.04	60.54	0	0	26.41	2.522	0	11.97
11/29/2012 0:00	29348	3.993	187.4	15.23	8.16	0.865	196.6	19.48	4.578	46.63	44.71	69.29	67.78	0	0	26.4	2.519	-0.003	12.01
11/29/2012 1:00	29349	5.054	202.2	11.12	8.16	1.751	220.8	9.76	4.578	46.04	43.84	72.06	71.17	0	0	26.38	2.519	0	12
11/29/2012 2:00	29350	5.204	201.6	11.4	8.16	1.683	210	13.45	4.578	45.83	43.42	73.27	72.84	0	0	26.38	2.519	0	11.82
11/29/2012 3:00	29351	5.261	226.5	15.7	8.16	1.773	237.1	20.76	4.578	44.91	42.43	74.85	74.49	0	0	26.37	2.519	0	16.81
11/29/2012 4:00	29352	4.852	260.6	10.14	6.368	1.772	287.4	10.39	4.578	44.34	40.92	76.09	76.95	0	0	26.36	2.519	0	11.47
11/29/2012 5:00	29353	4.656	207.5	15.14	6.368	0.193	220.3	14.97	4.578	43.74	40.13	77.25	78.49	0	0	26.34	2.519	0	11.84
11/29/2012 6:00	29354	3.897	234.5	18.13	6.368	0.001	304.6	0	2.789	43.13	39.91	79.11	80.2	0	0	26.33	2.519	0	16.74
11/29/2012 7:00	29355	4.557	239.8	8.17	6.368	0.366	268.4	2.894	2.789	42.67	39.59	80.5	80.9	0	0	26.33	2.516	-0.003	16.74
11/29/2012 8:00	29356	4.215	234.3	7.103	6.368	0.129	267.8	2.045	2.789	41.82	39.21	82.8	82.5	0	10	26.33	2.519	0.003	12.31
11/29/2012 9:00	29357	5.306	244	11.06	9.95	3.079	245.2	12.67	8.16	44.3	43.79	79.47	76.82	0	147.2	26.35	2.516	-0.003	11.86
11/29/2012 10:00	29358	8.33	220.7	11.89	11.74	6.282	222.7	14.74	9.95	49.33	49.91	69.93	65.25	0	327.7	26.41	2.515	-0.001	12.04
11/29/2012 11:00	29359	8.48	237.5	16.39	13.52	6.603	237.2	17.57	11.74	55.81	56.39	58.36	54.45	0	479.2	26.47	2.514	-0.001	12.01
11/29/2012 12:00	29360	8.02	259.1	18.59	13.52	6.504	257.3	22.39	11.74	64.19	64.64	43.52	41.08	0	582.2	26.5	2.517	0.002	12.99
11/29/2012 13:00	29361	10.01	263	16.22	17.1	8.03	259.3	19.81	15.31	70.4	70.93	32.38	30.74	0	629.4	26.5	2.514	-0.003	15.76
11/29/2012 14:00	29362	10.57	260.4	20.13	18.89	8.65	258.9	22.38	17.1	73.59	74.18	24.85	23.73	0	614	26.48	2.51	-0.003	11.9
11/29/2012 15:00	29363	10.75	234.4	17.37	18.89	8.5	235.2	18.79	15.31	74.5	75.18	21.72	20.73	0	535.8	26.47	2.491	-0.019	12.01
11/29/2012 16:00	29364	12.42	240.8	15.4	20.68	9.91	240.7	17.23	17.1	74.52	74.86	19.45	18.91	0	403.2	26.45	2.479	-0.013	13.55
11/29/2012 17:00	29365	11.01	247.2	12.2	18.89	8.81	246.6	13.83	17.1	74.13	74.15	18.78	18.54	0	230.6	26.44	2.469	-0.009	11.92
11/29/2012 18:00	29366	7.072	238.8	7.352	13.52	4.316	240.1	9.35	9.95	70.72	69.39	20.89	21.66	0	43.84	26.42	2.466	-0.003	11.95
11/29/2012 19:00	29367	5.607	256.6	14.11	8.16	1.83	287.6	29.27	4.578	65.06	60.13	26.4	30.22	0	0.097	26.38	2.46	-0.006	11.97
11/29/2012 20:00	29368	4.592	251.2	48.42	6.368	2.003	353.6	81.9	4.578	60.74	55.24	32.15	36.79	0	0.003	26.36	2.458	-0.003	16.9
11/29/2012 21:00	29369	2.41	182.2	34.26	6.368	1.097	92.5	18.84	4.578	55.87	51.47	37.07	41.18	0	0.001	26.34	2.458	0	11.96
11/29/2012 22:00	29370	0.798	55.58	32.24	4.578	0.874	71.75	17.05	4.578	54.3	50.11	39	43.96	0	0.001	26.34	2.455	-0.003	12.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/29/2012 23:00	29371	5.347	173.8	28.92	17.1	1.757	123.6	35.95	9.95	54.49	49.47	42.51	46.02	0	0	26.33	2.458	0.003	15.54
11/30/2012 0:00	29372	3.968	231.9	13.52	8.16	1.128	269	14.39	4.578	50.75	48.04	55.93	56.05	0	0	26.34	2.455	-0.003	16.74
11/30/2012 1:00	29373	4.507	256.4	18.57	11.74	1.948	290.6	24.1	6.368	49.33	46.1	59.54	60.5	0	0	26.32	2.453	-0.003	11.95
11/30/2012 2:00	29374	4.965	255.2	11.19	9.95	2.061	284.4	13.04	4.578	47.2	43.93	67.75	67.68	0	0	26.31	2.453	0	12.73
11/30/2012 3:00	29375	4.128	253	16.17	6.368	0.999	276.3	23.29	4.578	45.36	41.95	72.49	73.46	0	0	26.31	2.449	-0.003	16.72
11/30/2012 4:00	29376	4.079	264.9	8.57	6.368	1.754	301.6	6.807	4.578	44.16	41.03	77.03	76.66	0	0	26.3	2.449	0	16.15
11/30/2012 5:00	29377	4.161	255.6	9.18	6.368	0.818	292.9	8.02	4.578	43.22	39.41	81.8	81.6	0	0	26.3	2.449	0	16.67
11/30/2012 6:00	29378	2.683	264.4	13.49	6.368	0.258	307.7	8.33	2.789	41.92	38.52	84.4	83.6	0	0	26.29	2.449	0	12
11/30/2012 7:00	29379	3.716	270.1	12.99	6.368	1	310.6	6.437	4.578	42.43	38.95	84.9	85.9	0	0	26.29	2.453	0.003	12.69
11/30/2012 8:00	29380	3.301	258	29.06	6.368	0.802	316.5	36.19	4.578	43.22	39.46	80.1	85.1	0	10.18	26.31	2.45	-0.003	11.68
11/30/2012 9:00	29381	4.06	228.1	45.92	9.95	1.831	206.6	21.09	6.368	45.65	44.04	74.83	76.88	0	155.7	26.34	2.449	0	12.02
11/30/2012 10:00	29382	4.931	221.9	15.95	8.16	3.754	222.2	16.08	8.16	52.99	53.32	53.16	50.86	0	337.6	26.4	2.451	0.002	15.93
11/30/2012 11:00	29383	6.896	234.6	16	11.74	5.492	234.9	16.57	9.95	62.72	62.99	34.41	33.2	0	491.8	26.47	2.447	-0.004	15.53
11/30/2012 12:00	29384	7.572	236.1	19.08	13.52	6.064	237.1	21.23	13.52	69.04	69.5	25.07	24.2	0	598.4	26.5	2.444	-0.004	16.85
11/30/2012 13:00	29385	8.54	257.8	18.81	15.31	6.995	257.1	21.48	13.52	72.62	73.08	20.02	19.39	0	644.2	26.49	2.447	0.003	15.66
11/30/2012 14:00	29386	8.64	242.3	19.89	17.1	6.962	241.7	21.23	13.52	74.87	75.45	17.61	17.07	0	626.6	26.47	2.443	-0.003	15.92
11/30/2012 15:00	29387	8.94	237.4	19.34	18.89	7.03	235.7	20.77	17.1	75.94	76.52	16.15	15.7	0	545.9	26.45	2.428	-0.016	11.8
11/30/2012 16:00	29388	9.98	224.8	19.65	15.31	7.597	225.4	20.46	13.52	76.62	77.24	15.03	14.66	0	415.8	26.44	2.409	-0.019	11.96
11/30/2012 17:00	29389	9.11	206.1	10.78	15.31	6.255	207.5	14.07	11.74	75.73	76.23	15.44	15.2	0	203.1	26.42	2.393	-0.016	15.91
11/30/2012 18:00	29390	7.057	199	10.6	13.52	3.449	193.9	18.62	9.95	72.53	70.95	16.6	17.77	0	49.87	26.4	2.39	-0.003	15.97
11/30/2012 19:00	29391	7.604	191.2	6	11.74	2.343	173.9	10.3	4.578	66.3	60.05	21.82	26.2	0	0.114	26.35	2.381	-0.009	16.74
11/30/2012 20:00	29392	7.459	216.3	22.84	11.74	3.269	224.2	39.31	6.368	61.3	57.39	25.72	28.72	0	0.003	26.32	2.369	-0.012	11.93
11/30/2012 21:00	29393	5.819	247.2	5.447	8.16	2.149	269.4	13.26	4.578	58.08	53.27	28.31	32.66	0	0.002	26.3	2.366	-0.003	16.67
11/30/2012 22:00	29394	3.489	251.4	17.36	6.368	0.764	309.2	21.76	4.578	55.99	50.05	31.45	37.31	0	0	26.3	2.363	-0.003	11.78
11/30/2012 23:00	29395	4.125	225.6	46.7	9.95	1.599	16.93	69.44	4.578	54.48	48.47	33.89	39.86	0	0	26.28	2.36	-0.003	16.66
12/1/2012 0:00	29396	5.719	185.6	27.27	9.95	1.533	172.6	34.64	4.578	49.3	45.22	40.08	43.51	0	0	26.28	2.357	-0.003	11.99
12/1/2012 1:00	29397	4.5	197.3	35.76	15.31	1.189	147	43.04	6.368	49.39	45.52	42.85	45.22	0	0	26.27	2.361	0.003	15.9
12/1/2012 2:00	29398	3.314	208.8	39.82	6.368	0.528	36.17	29.94	2.789	46.77	42.07	53.8	57.84	0	0	26.26	2.354	-0.006	12.05
12/1/2012 3:00	29399	3.486	257	24.11	8.16	1.3	310.6	18.44	4.578	46.09	43.05	57.65	58.31	0	0	26.25	2.351	-0.003	11.96
12/1/2012 4:00	29400	5.051	251.6	16.07	8.16	1.643	292.8	12.54	4.578	45.32	41.39	62.67	66.37	0	0	26.24	2.351	0	11.42
12/1/2012 5:00	29401	3.299	268.5	32.09	6.368	1.04	128.2	39.14	4.578	44.25	37.94	55.32	68.46	0	0	26.23	2.348	-0.003	15.82
12/1/2012 6:00	29402	4.43	301	13.78	8.16	1.198	301	24.26	4.578	44.35	38.39	50.29	63.56	0	0	26.22	2.345	-0.003	16.05
12/1/2012 7:00	29403	4.524	263	23.67	8.16	1.303	236	37.61	4.578	44.31	37.32	49.19	58.74	0	0	26.23	2.345	0	11.84
12/1/2012 8:00	29404	2.47	242.6	37.07	6.368	0.895	84.6	35.42	4.578	43.16	36.25	50.66	60.44	0	11.89	26.24	2.342	-0.003	16.45
12/1/2012 9:00	29405	2.417	163.7	27.34	4.578	0.334	96.2	22.29	2.789	48.31	47.11	45.28	46.51	0	149.5	26.27	2.342	-0.001	14.44
12/1/2012 10:00	29406	5.083	221.8	15.44	9.95	3.951	222.4	15.99	8.16	56.67	56.96	34.86	33.62	0	342.8	26.36	2.347	0.005	16.23
12/1/2012 11:00	29407	7.925	221	13.18	11.74	6.274	222.8	15.03	9.95	62.68	63.25	26.37	25.45	0	499.8	26.44	2.34	-0.007	16.69
12/1/2012 12:00	29408	7.156	234	17.5	11.74	5.764	234.3	19.25	11.74	69.11	69.42	20.94	20.49	0	587	26.46	2.342	0.003	15.95
12/1/2012 13:00	29409	11.21	252.8	17.33	20.68	9.26	251.2	19.69	17.1	75.01	75.36	12.68	12.84	0	594.1	26.46	2.336	-0.006	11.88
12/1/2012 14:00	29410	12.68	263.5	14.19	24.26	10.26	262.5	16.33	18.89	77.81	78.32	11.37	11.5	0	585	26.44	2.329	-0.007	14.56
12/1/2012 15:00	29411	16.08	284.3	12.38	24.26	12.89	284.6	15.39	20.68	78.37	78.69	9.31	9.57	0	480.4	26.42	2.323	-0.006	13.51
12/1/2012 16:00	29412	10.97	233.8	19.55	20.68	8.54	232.4	21.12	17.1	79.35	79.69	7.743	8.13	0	413.1	26.42	2.301	-0.022	11.97
12/1/2012 17:00	29413	11.17	269.7	15.41	20.68	8.8	268.3	17.59	17.1	78.92	78.93	7.317	7.868	0	238.1	26.41	2.288	-0.013	14.13
12/1/2012 18:00	29414	5.579	286.7	8.71	13.52	3.134	287.6	24.49	11.74	74.57	72.8	10.61	12.05	0	43.87	26.39	2.27	-0.019	11.84
12/1/2012 19:00	29415	1.642	144.8	30.14	4.578	2.066	84.9	19.4	4.578	66.56	62.61	15.89	19.2	0	0.114	26.34	2.267	-0.002	12.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/1/2012 20:00	29416	3.289	220.5	78.17	8.16	1.501	60.4	37.44	4.578	63.31	57.16	19.15	24.35	0	0.003	26.32	2.267	0	15.73
12/1/2012 21:00	29417	4.055	266.7	61.37	8.16	1.856	40.51	47.16	6.368	62.12	54.03	21.11	28.49	0	0.001	26.31	2.261	-0.006	13.04
12/1/2012 22:00	29418	5.721	298.2	14.37	8.16	1.639	299.1	24.06	4.578	61.66	54.35	21.91	28.43	0	0.001	26.31	2.258	-0.003	16.41
12/1/2012 23:00	29419	2.873	339	25.07	8.16	1.968	49.2	38.32	4.578	57.52	51.77	25.98	31.73	0	0	26.31	2.258	0	11.98
12/2/2012 0:00	29420	7.063	117.6	83.4	13.52	2.963	52.18	64.86	9.95	55.96	49.83	28.02	33.78	0	0	26.32	2.255	-0.003	11.98
12/2/2012 1:00	29421	4.232	158.2	23.5	9.95	0.758	107.8	29.71	6.368	51.52	47.84	55.34	52.79	0	0	26.31	2.256	0.001	12.15
12/2/2012 2:00	29422	3.811	179.5	45.65	8.16	1.292	72.96	61.8	4.578	49.29	46.91	77.36	74.23	0	0	26.3	2.256	0	12
12/2/2012 3:00	29423	2.352	296.6	23.47	4.578	0.74	358.4	31.83	4.578	49.3	45.16	82.7	81.7	0	0	26.29	2.259	0.003	14.2
12/2/2012 4:00	29424	0.048	303.8	0.269	2.789	0.138	77.72	7.774	2.789	47.53	41.13	84	85.1	0	0	26.28	2.253	-0.006	13.2
12/2/2012 5:00	29425	3.713	303	8.95	6.368	0.446	314.6	9.35	4.578	47.41	41.68	85.3	87.7	0	0	26.27	2.25	-0.003	16.63
12/2/2012 6:00	29426	2.337	347.6	57.24	4.578	1.35	76.33	13.66	4.578	45.96	38.86	86.9	88.2	0	0	26.27	2.253	0.003	15.87
12/2/2012 7:00	29427	1.483	333.9	34.94	8.16	0.311	314.1	14.25	4.578	42.45	36.05	88.9	88.3	0	0	26.28	2.25	-0.003	12
12/2/2012 8:00	29428	5.063	336.3	18.62	9.95	1.641	334.3	16.13	8.16	41.49	35.12	60.92	80.8	0	9.73	26.28	2.25	0.001	11.96
12/2/2012 9:00	29429	4.372	337	18.26	9.95	1.96	329.9	16.3	6.368	50.15	48.58	35.44	40.65	0	150.8	26.31	2.246	-0.004	11.91
12/2/2012 10:00	29430	3.888	328.2	32.3	8.16	2.771	324.4	25.57	6.368	63.01	62.8	17.97	18.7	0	349.3	26.4	2.245	-0.001	12.03
12/2/2012 11:00	29431	2.28	43.34	34.27	6.368	1.001	30.79	28.73	4.578	71.83	72.06	11.49	12.16	0	477.7	26.48	2.244	-0.001	11.82
12/2/2012 12:00	29432	5.448	223.1	52.57	11.74	3.951	224.9	30.69	9.95	75.82	76.49	9.82	10.04	0	604.8	26.52	2.244	0	12.79
12/2/2012 13:00	29433	9.34	215	12.77	15.31	7.18	217.2	15.36	15.31	74.12	75.19	11.8	11.53	0	652.2	26.5	2.237	-0.006	16.69
12/2/2012 14:00	29434	10.73	201.9	16.47	17.1	7.714	204.2	19.9	13.52	75.65	77.16	9.5	9.3	0	613.2	26.47	2.225	-0.013	11.71
12/2/2012 15:00	29435	12.2	196.1	13.97	20.68	8.46	198.9	17.61	17.1	76.02	77.5	10.09	9.74	0	492.3	26.44	2.215	-0.009	11.97
12/2/2012 16:00	29436	12.27	200	12.32	20.68	8.46	202.5	16.21	17.1	76.2	77.19	13.08	12.7	0	353.2	26.42	2.209	-0.006	16.5
12/2/2012 17:00	29437	11.72	214.5	9.87	18.89	8.16	216	12.67	15.31	76.87	77.16	11.48	11.6	0	208.3	26.4	2.2	-0.01	16.63
12/2/2012 18:00	29438	8.51	201.8	7.659	13.52	4.841	203.8	12.13	9.95	73.57	72.64	13.41	14.19	0	50.48	26.37	2.187	-0.013	12.15
12/2/2012 19:00	29439	7.698	200.4	25.93	11.74	3.458	202.3	31.61	8.16	65.56	62.96	19.09	20.7	0	0.112	26.34	2.181	-0.006	14.63
12/2/2012 20:00	29440	4.2	215.4	18.06	8.16	0.816	255	23.95	4.578	61.24	58.12	22.87	24.99	0	0.003	26.3	2.179	-0.003	11.96
12/2/2012 21:00	29441	5.244	193.2	17.11	9.95	1.2	165.1	18.16	4.578	58.61	55.09	27.07	28.95	0	0.001	26.28	2.176	-0.003	16.71
12/2/2012 22:00	29442	6.271	210.6	13.88	9.95	2.476	211.6	17.42	6.368	55.94	53.53	40.3	39.91	0	0.001	26.27	2.173	-0.003	16.75
12/2/2012 23:00	29443	9.59	208.1	8.88	17.1	5.399	211.5	12.86	13.52	54.97	53.11	60.16	57.72	0	0.001	26.26	2.173	0	11.65
12/3/2012 0:00	29444	7.674	244.4	27.55	15.31	4.901	253.2	35.55	11.74	53.45	51.98	74.5	71.85	0	0.001	26.27	2.17	-0.003	11.48
12/3/2012 1:00	29445	5.193	205.3	19.98	9.95	1.213	225.7	13.17	8.16	51.03	48.82	81.4	77.67	0	0.001	26.26	2.17	0	12.15
12/3/2012 2:00	29446	6.21	202.4	9.74	11.74	3.186	207.8	14.41	8.16	51.63	50.52	91.3	86.9	0	0	26.25	2.17	0	11.43
12/3/2012 3:00	29447	7.726	205.2	13.69	13.52	5.037	208.9	15.73	9.95	51.27	51.21	93.2	97.6	0	0	26.26	2.17	0	16.71
12/3/2012 4:00	29448	7.04	209.2	9.68	13.52	4.57	211.6	12.96	9.95	50.25	50.25	93.7	99.9	0	0	26.25	2.17	0	11.97
12/3/2012 5:00	29449	6.01	207.3	12.35	11.74	3.79	208.8	14.1	8.16	49.37	48.95	93.7	99.9	0	0	26.24	2.17	0	12.44
12/3/2012 6:00	29450	5.871	204.2	13.75	9.95	3.792	207.5	17.04	8.16	48.61	48.24	93.8	99.9	0	0	26.23	2.17	0	11.97
12/3/2012 7:00	29451	7.383	201.8	13.73	13.52	4.79	205.2	16.65	9.95	55.35	49.65	94.1	99.9	0	0.001	26.23	2.17	0	11.97
12/3/2012 8:00	29452	6.096	222.5	10.54	11.74	4.064	225.2	12.66	8.16	65.63	48.88	94.1	99.9	0	5.533	26.26	2.176	0.006	15.3
12/3/2012 9:00	29453	4.673	220.3	14.14	9.95	3.27	223.8	14.72	6.368	74.27	48.01	94	99.9	0	117.5	26.26	2.17	-0.006	15.8
12/3/2012 10:00	29454	7.708	231.6	9.26	13.52	6.116	231.9	11.07	11.74	77.91	51.81	92	99.8	0	328.1	26.31	2.172	0.003	11.99
12/3/2012 11:00	29455	10.02	231.1	13.27	17.1	8.12	231.4	13.67	15.31	99.7	60.92	54.02	57.89	0	479.9	26.38	2.172	0	14.6
12/3/2012 12:00	29456	14.1	266.7	16.59	24.26	11.28	266.1	18.64	20.68	79.2	70.83	33.19	20.83	0	585.7	26.41	2.165	-0.007	11.99
12/3/2012 13:00	29457	13.06	280	14.4	22.47	10.61	279.5	16.92	18.89	99.6	74.62	11.4	11.48	0	634.7	26.41	2.165	0	11.97
12/3/2012 14:00	29458	10.67	297	15.86	18.89	8.95	297.9	17.98	17.1	86.6	75.97	10.92	10.92	0	613.8	26.4	2.162	-0.003	16.02
12/3/2012 15:00	29459	9.5	277.9	26.19	17.1	7.844	277.9	28.11	15.31	68.45	76.79	10.51	10.56	0	540.5	26.4	2.149	-0.013	11.92
12/3/2012 16:00	29460	6.913	263.6	26.15	13.52	5.557	263	29.29	11.74	71.88	76.91	10.23	10.39	0	359.3	26.39	2.139	-0.009	16.55

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/3/2012 17:00	29461	5.31	242.4	20.65	13.52	3.981	240	20.86	9.95	67.68	74.98	10.75	11.29	0	156	26.37	2.127	-0.012	11.86
12/3/2012 18:00	29462	4.748	294.4	27.36	8.16	2.77	294.8	30.41	6.368	67.19	71.89	12.95	14.36	0	55.71	26.35	2.124	-0.003	11.91
12/3/2012 19:00	29463	5.507	345.4	10.62	13.52	2.773	352.2	18.85	9.95	61.27	63.26	18.79	21.89	0	0.111	26.33	2.118	-0.006	16.66
12/3/2012 20:00	29464	9.98	340.1	10.26	15.31	6.67	340.1	13.43	11.74	58	61.51	25.29	26.23	0	0.006	26.32	2.115	-0.003	11.84
12/3/2012 21:00	29465	10.8	333.8	7.792	15.31	7.967	331.3	9.93	13.52	56.73	60.49	27.43	27.88	0	0.005	26.34	2.112	-0.003	11.94
12/3/2012 22:00	29466	10.53	332.9	6.74	17.1	7.661	330.7	8.94	15.31	44.31	57.28	30.8	31.05	0	0.006	26.34	2.112	0	15.67
12/3/2012 23:00	29467	12.61	336.1	6.258	18.89	9.04	333.2	9.8	13.52	56.35	57.79	30.57	31.23	0	0.004	26.35	2.106	-0.006	11.9
12/4/2012 0:00	29468	10	342.2	9.32	17.1	6.861	339.7	12.14	11.74	57.27	58.36	31.42	32.26	0	0.001	26.36	2.106	0	11.86
12/4/2012 1:00	29469	12.33	15.54	16.28	31.42	7.484	10.48	20.53	24.26	50.94	53.27	38.98	37.56	0	0.003	26.37	2.1	-0.006	15.92
12/4/2012 2:00	29470	11.75	47.06	9.14	20.68	6.204	41.79	13.07	13.52	47.46	49.92	45.31	43.66	0	0.001	26.37	2.1	0	14.13
12/4/2012 3:00	29471	11.22	48.02	10.46	18.89	6.2	43.89	14.81	13.52	46.95	49.01	47.68	46.12	0	0.001	26.38	2.093	-0.006	11.99
12/4/2012 4:00	29472	5.545	28.63	17.26	13.52	2.783	20.23	22.18	9.95	45.88	47.23	51.32	49.49	0	0	26.4	2.084	-0.009	16.66
12/4/2012 5:00	29473	11.81	25.46	12.9	20.68	6.399	25.24	14.41	13.52	43.54	45.3	56.09	53.3	0	0	26.4	2.081	-0.003	12
12/4/2012 6:00	29474	11.87	33.6	11.52	20.68	6.508	31.97	11.97	11.74	42.43	44.16	58.94	55.81	0	0	26.41	2.078	-0.003	16.71
12/4/2012 7:00	29475	12.13	31.98	11.73	20.68	6.681	31.75	11.53	13.52	41.68	43.52	62.26	58.92	0	0	26.44	2.075	-0.003	16.57
12/4/2012 8:00	29476	10.25	12.83	16.68	17.1	6.27	7.186	20.94	11.74	40.61	42.24	63.81	60.38	0	7.951	26.47	2.072	-0.003	13.72
12/4/2012 9:00	29477	9.6	15.54	14.12	17.1	5.776	10.54	19.64	11.74	42.95	44.6	61	56.9	0	138.5	26.51	2.072	0	11.96
12/4/2012 10:00	29478	9.36	24.61	15.16	15.31	5.359	22.19	19.26	13.52	48.66	50.37	53.7	50.04	0	312.1	26.58	2.071	0	12.01
12/4/2012 11:00	29479	10.8	47.2	15.43	18.89	6.423	42.25	18.01	13.52	52.98	54.82	48.53	44.96	0	481.8	26.64	2.067	-0.004	11.89
12/4/2012 12:00	29480	7.876	42.25	18.03	13.52	4.734	36.32	21.03	13.52	56.94	58.36	43.8	40.55	0	576.1	26.68	2.064	-0.003	15.82
12/4/2012 13:00	29481	6.44	30.22	26	13.52	4.083	24.44	30.58	9.95	60.15	61.48	39.89	36.77	0	619.4	26.69	2.064	-0.001	11.89
12/4/2012 14:00	29482	5.2	35.54	28.96	11.74	3.443	31.25	33.49	9.95	63.17	64.16	35.94	33.44	0	594.5	26.69	2.063	0	11.9
12/4/2012 15:00	29483	4.861	28.81	43.15	9.95	3.184	20.1	45.48	11.74	64.19	64.62	34.35	32.48	0	406.6	26.68	2.057	-0.006	16.12
12/4/2012 16:00	29484	6.481	46.74	22.46	11.74	4.001	43.1	25.88	11.74	63.06	63.93	34.87	32.55	0	291.5	26.66	2.048	-0.009	12.88
12/4/2012 17:00	29485	6.596	36.17	18.28	11.74	3.81	34.08	19.82	9.95	62.25	62.54	35.35	33.54	0	162	26.63	2.039	-0.009	16.23
12/4/2012 18:00	29486	6.419	50.74	9.17	11.74	3.487	47.82	13.73	8.16	59.5	59.17	38.17	36.9	0	16.96	26.61	2.036	-0.003	15.94
12/4/2012 19:00	29487	4.671	46	19.8	9.95	1.952	56.05	20.41	6.368	56.62	55.02	41.48	41.62	0	0.069	26.58	2.03	-0.006	12.59
12/4/2012 20:00	29488	4.248	57.67	12.99	6.368	2.168	68.25	11.62	4.578	55	51.51	43.44	45.85	0	0.001	26.56	2.027	-0.003	11.89
12/4/2012 21:00	29489	6.131	67.52	7.893	8.16	2.959	65.18	11.77	6.368	52.67	48.32	45.72	49.69	0	0	26.54	2.024	-0.003	11.4
12/4/2012 22:00	29490	7.101	84.5	6.907	11.74	3.405	69.88	11.98	6.368	51.07	47.51	44.67	47.94	0	0	26.53	2.021	-0.003	11.93
12/4/2012 23:00	29491	5.755	93.4	7.746	8.16	2.946	67.38	9.39	4.578	50.21	46.54	43.1	46.81	0	0	26.53	2.018	-0.003	11.93
12/5/2012 0:00	29492	7.354	111.5	6.17	9.95	3.455	82	10.51	4.578	48.83	44.13	42.74	47.96	0	0	26.53	2.015	-0.003	11.93
12/5/2012 1:00	29493	6.804	116.4	6.146	13.52	2.815	82.1	10.38	8.16	45.66	41.78	45.14	49.02	0	0	26.51	2.012	-0.003	16.33
12/5/2012 2:00	29494	2.663	160.1	39.99	8.16	0.904	68.25	47.12	4.578	44.27	41.14	46.18	49.2	0	0	26.5	2.005	-0.006	16.68
12/5/2012 3:00	29495	0.073	76.74	12	2.789	0.153	59.46	8.24	2.789	42.29	39.75	49.07	51.46	0	0	26.48	2.002	-0.003	12.01
12/5/2012 4:00	29496	1.594	122.1	13.98	4.578	0.953	61.81	4.504	2.789	43.4	39.65	47.19	51.75	0	0	26.47	2.005	0.003	15.05
12/5/2012 5:00	29497	0.379	222.6	8.3	2.789	0.38	63.69	3.833	2.789	42.22	38.34	49.12	53.67	0	0	26.46	2.002	-0.003	11.94
12/5/2012 6:00	29498	3.635	144.6	11.19	6.368	1.937	84.8	8.7	4.578	42.78	38.77	47.84	52.35	0	0	26.44	1.986	-0.016	11.53
12/5/2012 7:00	29499	3.608	147.1	17.47	6.368	0.508	103.3	8.49	4.578	40.8	38.2	49.66	51.51	0	0	26.44	1.986	0	11.9
12/5/2012 8:00	29500	5.78	129.6	10.63	11.74	2.312	100.2	22.13	6.368	41.28	38.76	49.07	50.84	0	12.25	26.44	1.986	0	13.26
12/5/2012 9:00	29501	7.456	149.9	9.42	11.74	4.389	151	14.88	8.16	44.42	44.09	43	42.16	0	108.3	26.46	1.986	0	15.93
12/5/2012 10:00	29502	9.35	178.3	14.13	17.1	6.221	182.4	19.06	13.52	50.11	51.02	36.23	34.08	0	293.7	26.51	1.982	-0.004	16.58
12/5/2012 11:00	29503	12.51	191.1	12.06	20.68	8.55	194.2	16.41	15.31	55.4	56.96	34.78	31.94	0	504	26.56	1.982	-0.001	12.31
12/5/2012 12:00	29504	13.01	193.1	14.67	20.68	9	196.6	17.59	15.31	58.41	60.13	34.96	31.88	0	538.2	26.57	1.982	0	15.54
12/5/2012 13:00	29505	13.76	190.7	13.61	20.68	9.35	193.9	17.87	17.1	60.78	62.73	32.31	29.28	0	609.4	26.54	1.969	-0.013	15.41

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/5/2012 14:00	29506	13.46	199.8	12.56	22.47	9.67	203.3	15.83	17.1	63.5	65.37	30.08	27.22	0	629.5	26.51	1.962	-0.007	15.38
12/5/2012 15:00	29507	13.6	198.9	12.03	20.68	9.44	201.8	15.39	17.1	65.38	67.16	28.43	25.82	0	505.3	26.48	1.943	-0.019	12.32
12/5/2012 16:00	29508	12.1	201	12.89	18.89	8.39	203.6	16.56	15.31	66.59	67.93	26.82	24.71	0	401.2	26.44	1.94	-0.003	15.35
12/5/2012 17:00	29509	11.35	202.4	11.24	18.89	7.86	204.8	15.22	13.52	66.55	67.44	26.99	25.28	0	226.4	26.42	1.93	-0.009	11.98
12/5/2012 18:00	29510	8.09	187.8	10.41	15.31	4.373	187.6	17	11.74	63.21	62.36	31.26	30.77	0	41.91	26.39	1.925	-0.006	11.97
12/5/2012 19:00	29511	7.205	169.8	10.79	9.95	2.39	154.2	19.79	4.578	57.12	53.1	37.47	39.81	0	0.157	26.33	1.922	-0.003	11.95
12/5/2012 20:00	29512	8.01	172.6	4.677	9.95	2.751	165.6	10.71	4.578	54.97	50.7	39.15	42.33	0	0.002	26.29	1.922	0	16.71
12/5/2012 21:00	29513	7.575	169.3	6.429	9.95	2.483	165.2	13.21	4.578	52.9	49.07	40.49	43.3	0	0.001	26.28	1.919	-0.003	11.76
12/5/2012 22:00	29514	6.8	201.3	10.23	9.95	2.514	212.6	13.07	4.578	51.72	48.27	41.54	43.96	0	0	26.26	1.916	-0.003	12.01
12/5/2012 23:00	29515	5.19	219.8	11.63	9.95	1.823	231.3	16.92	4.578	50.36	47.29	43.51	45.45	0	0	26.24	1.919	0.003	12.37
12/6/2012 0:00	29516	4.65	220.1	6.527	6.368	0.752	247.4	7.029	2.789	49.47	46.13	45.53	47.87	0	0	26.22	1.916	-0.003	11.94
12/6/2012 1:00	29517	4.383	233.7	12.06	9.95	0.882	264.5	15.09	4.578	47.93	44.82	48.4	50.5	0	0.001	26.2	1.916	0	15.6
12/6/2012 2:00	29518	4.515	245.4	14.27	8.16	1.192	283.3	21.37	4.578	46.24	43.06	51.89	53.85	0	0	26.17	1.913	-0.003	11.47
12/6/2012 3:00	29519	2.77	215.2	16.39	6.368	0.077	211.8	1.325	2.789	45.33	41.99	54.51	56.85	0	0	26.16	1.92	0.006	14.88
12/6/2012 4:00	29520	2.687	231.6	20.38	6.368	0.862	303.3	46.03	4.578	43.36	40.07	58.51	60.23	0	0	26.14	1.913	-0.006	16.58
12/6/2012 5:00	29521	5.224	251.2	9.22	6.368	2.175	271.1	19.49	4.578	42.74	38.93	60.89	62.99	0	0	26.13	1.91	-0.003	11.88
12/6/2012 6:00	29522	4.42	253.1	21.31	8.16	1.101	276.3	23.93	4.578	41.92	38.98	63.3	64.21	0	0	26.12	1.91	0	12
12/6/2012 7:00	29523	3.81	243	18.98	6.368	0.644	294.9	6.169	4.578	40.83	37.91	65.13	66.25	0	0	26.12	1.907	-0.003	11.91
12/6/2012 8:00	29524	4.868	267.2	9.17	8.16	2.039	305.6	9.78	4.578	42.31	38.05	62.96	66.25	0	8.8	26.13	1.907	0	14.5
12/6/2012 9:00	29525	5.194	278.6	13.41	8.16	3.113	284.4	17.5	6.368	47.39	45.89	54.47	54.21	0	137	26.15	1.907	0	12.38
12/6/2012 10:00	29526	6.276	270.9	14.66	9.95	5.235	270.2	16.86	8.16	54.48	54.6	43.49	41.38	0	317.5	26.21	1.906	-0.001	11.7
12/6/2012 11:00	29527	9.03	271.5	12.54	15.31	7.478	269.2	15.99	13.52	65.05	65.44	28.72	27.62	0	489.9	26.27	1.902	-0.004	12
12/6/2012 12:00	29528	10.81	277.1	15.7	17.1	8.77	275.5	19.09	15.31	72.69	73.11	16.55	16.27	0	573.4	26.3	1.902	-0.001	16.07
12/6/2012 13:00	29529	12.24	290.9	10.94	20.68	10.07	291.4	14.08	17.1	75.84	76.18	12.19	12.12	0	618	26.3	1.905	0.003	16
12/6/2012 14:00	29530	12.19	293.7	14.34	18.89	10.1	293.6	16.76	17.1	78.08	78.49	8.5	8.65	0	638.5	26.28	1.892	-0.013	11.97
12/6/2012 15:00	29531	11.18	288.2	15.03	18.89	9.25	288.6	17.71	17.1	78.97	79.4	6.611	6.855	0	546.4	26.27	1.876	-0.016	11.9
12/6/2012 16:00	29532	9.71	285.8	15.87	17.1	7.911	286.5	19.7	13.52	79.16	79.43	6.409	6.759	0	407.3	26.27	1.87	-0.006	15.78
12/6/2012 17:00	29533	8.24	289	14.18	13.52	6.633	289.1	17.4	11.74	78.63	78.66	4.896	5.471	0	232.2	26.25	1.864	-0.006	11.81
12/6/2012 18:00	29534	5.458	1.1	17.92	11.74	2.742	353.7	17.69	9.95	73.69	72.21	9.58	10.93	0	33.05	26.24	1.851	-0.013	16.74
12/6/2012 19:00	29535	5.066	22.68	11.87	9.95	1.918	25.53	11.51	4.578	67.05	64.91	14.77	16.15	0	0.078	26.2	1.842	-0.009	11.6
12/6/2012 20:00	29536	6.071	28.6	13.8	9.95	2.87	34.42	15.17	6.368	63.43	61.74	20.53	21.34	0	0.013	26.18	1.842	0	15.35
12/6/2012 21:00	29537	7.645	38.7	9.01	13.52	3.567	40.86	12.96	9.95	60.78	58.76	23.12	24.29	0	0.005	26.17	1.839	-0.003	15.4
12/6/2012 22:00	29538	9.91	61.01	9.9	15.31	5.525	62.26	15.97	9.95	57.9	56.12	26.74	27.38	0	0.004	26.17	1.83	-0.009	11.89
12/6/2012 23:00	29539	10.88	68.17	6.086	15.31	6.19	62.6	12.87	9.95	54.41	52.63	31.58	31.9	0	0.001	26.16	1.827	-0.003	11.95
12/7/2012 0:00	29540	11.62	56.22	9.5	17.1	6.794	53.65	15.02	11.74	53.24	52.34	35.59	34.89	0	0.001	26.16	1.821	-0.006	11.61
12/7/2012 1:00	29541	12.74	64.79	7.194	22.47	8.43	62.83	12.98	13.52	50.14	49.56	40.4	39.14	0	0.001	26.15	1.817	-0.003	15.97
12/7/2012 2:00	29542	12.71	68.38	7.037	18.89	8.25	64.22	13.61	13.52	48.2	47.64	42.55	41.2	0	0	26.12	1.811	-0.006	12.4
12/7/2012 3:00	29543	13.43	66.63	8.79	20.68	8.47	62.7	15.05	13.52	46.98	46.35	43.59	42.3	0	0	26.11	1.808	-0.003	11.66
12/7/2012 4:00	29544	12.84	44.94	10.88	18.89	6.878	39.91	12.99	13.52	45.45	45.05	45.27	43.54	0	0	26.11	1.808	0	11.97
12/7/2012 5:00	29545	12.45	41.12	9.51	18.89	6.683	36.88	10.68	13.52	43.84	43.53	47.08	45.07	0	0	26.1	1.809	0	12.01
12/7/2012 6:00	29546	11.53	42.38	10.06	17.1	6.066	38.08	12.09	13.52	42.29	41.92	49.32	47.17	0	0	26.1	1.805	-0.003	16.54
12/7/2012 7:00	29547	10.86	41.56	11.52	17.1	5.741	37.92	13.32	13.52	40.95	40.56	51.32	49.04	0	0	26.1	1.805	0	15.68
12/7/2012 8:00	29548	10.71	31.64	11.22	17.1	5.729	29.98	12.57	11.74	38.48	38.24	55.43	52.53	0	4.413	26.11	1.802	-0.003	16.46
12/7/2012 9:00	29549	9.37	33.36	12.59	15.31	5.19	32.8	12.67	11.74	40.4	40.34	53.04	49.93	0	131.1	26.12	1.799	-0.003	16.6
12/7/2012 10:00	29550	9.59	64.43	16.76	15.31	6.122	59.92	21.93	11.74	47.24	48.28	43.99	40.72	0	358.1	26.18	1.795	-0.004	16.53

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/7/2012 11:00	29551	6.166	83.8	23.17	11.74	4.392	78.94	29.99	9.95	52.97	54.25	39.11	36.27	0	424.1	26.24	1.795	-0.001	16.3
12/7/2012 12:00	29552	3.723	40.3	35.45	8.16	2.372	31.9	39.89	8.16	58.03	58.64	34.15	32.3	0	511.4	26.26	1.788	-0.006	12.55
12/7/2012 13:00	29553	3.334	317.2	81.1	9.95	2.391	314.2	66.45	9.95	63.24	63.48	28.47	27.09	0	593.5	26.27	1.788	-0.001	11.92
12/7/2012 14:00	29554	5.778	285.5	38.92	9.95	4.561	288.3	39.08	9.95	63.52	64.15	26.33	24.62	0	444.2	26.25	1.778	-0.01	16.65
12/7/2012 15:00	29555	6.441	287.7	24.66	11.74	5.214	287.1	28.42	13.52	65.94	66.32	23.56	22.15	0	536.8	26.23	1.778	0	12.03
12/7/2012 16:00	29556	4.687	279.4	31.3	9.95	3.585	280	32.99	9.95	68.51	68.79	20.6	19.58	0	396	26.24	1.775	-0.003	12.28
12/7/2012 17:00	29557	2.855	195.2	42.16	8.16	1.843	197.5	37.57	8.16	70.34	70.91	18.76	18.1	0	224.1	26.23	1.772	-0.003	15.75
12/7/2012 18:00	29558	2.929	184.2	23.18	6.368	0.938	179.9	29.13	4.578	67.4	66.4	20.74	21.09	0	41.92	26.21	1.769	-0.003	16.53
12/7/2012 19:00	29559	5.126	164.3	20.56	9.95	1.987	131.6	25.25	6.368	61.62	56.29	25.26	29.03	0	0.108	26.17	1.766	-0.003	12.26
12/7/2012 20:00	29560	6.598	137.9	8.27	9.95	2.39	95.5	14.81	4.578	57.29	52.22	29.81	33.46	0	0.001	26.14	1.767	0.001	15.92
12/7/2012 21:00	29561	4.429	168	48.15	8.16	1.255	84.8	45.07	4.578	53.93	50.51	33.37	35.83	0	0.001	26.14	1.764	-0.003	12.49
12/7/2012 22:00	29562	2.285	185.8	30.78	4.578	0.551	85.1	17.33	2.789	51.48	48.12	35.9	38.68	0	0	26.13	1.764	0	11.96
12/7/2012 23:00	29563	3.849	189.5	27.74	8.16	0.929	170.5	45.72	4.578	49.83	46.21	39.17	41.43	0	0	26.12	1.764	0	11.94
12/8/2012 0:00	29564	3.998	173.5	30.23	8.16	1.487	158.5	54.88	6.368	48.57	45.66	43.02	44.3	0	0	26.12	1.758	-0.006	11.97
12/8/2012 1:00	29565	2.205	194.7	15.59	8.16	0.452	228.3	34.64	4.578	47.98	44.99	44.4	46.14	0	0	26.11	1.761	0.003	16.03
12/8/2012 2:00	29566	1	216.1	11.58	4.578	0.264	54.06	2.155	2.789	46.17	43.32	46.71	49.23	0	0	26.1	1.755	-0.006	13.97
12/8/2012 3:00	29567	1.267	283.7	18.62	2.789	0.074	349.1	1.57	2.789	45.87	42.49	46.64	50.32	0	0	26.09	1.755	0	11.69
12/8/2012 4:00	29568	4.3	250.7	60.83	13.52	1.127	155.3	46.12	6.368	47.65	40.46	44.32	51.99	0	0	26.09	1.755	0	11.66
12/8/2012 5:00	29569	3.261	225.7	16.64	6.368	0.408	326.9	4.844	2.789	44.75	40.15	50.55	54.2	0	0	26.08	1.758	0.003	15.69
12/8/2012 6:00	29570	1.398	259.1	27.73	4.578	0.21	315.7	3.5	2.789	43.19	40.18	54.76	56.12	0	0	26.08	1.755	-0.003	14.51
12/8/2012 7:00	29571	4.9	297.2	8.46	8.16	1.583	309.5	15.66	4.578	44.72	40.48	51.39	55.84	0	0	26.09	1.755	0	12.89
12/8/2012 8:00	29572	6.301	301.8	32.92	9.95	3.022	296.2	40.76	6.368	43.89	39.92	50.77	54.26	0	4.956	26.1	1.751	-0.003	12.06
12/8/2012 9:00	29573	5.707	292.9	20.88	11.74	3.861	280.7	30.36	9.95	46.48	45.24	48.3	47.18	0	132.1	26.13	1.751	0	12.02
12/8/2012 10:00	29574	6.222	332.8	41.47	13.52	4.678	328	40.32	11.74	54.52	54.64	37.31	35.49	0	320.4	26.2	1.754	0.002	12.68
12/8/2012 11:00	29575	4.748	38.28	21.85	9.95	2.932	34.45	25.97	8.16	59.08	59.77	30.55	29.01	0	473	26.27	1.75	-0.004	12.82
12/8/2012 12:00	29576	3.586	340.8	53.89	9.95	2.527	328.5	45.72	8.16	65.45	65.8	25.04	23.99	0	576.2	26.3	1.75	0	12.66
12/8/2012 13:00	29577	13.94	268.8	17	27.84	11.15	268.8	20.35	24.26	68.37	69.01	22.72	21.5	0	624.5	26.29	1.746	-0.003	11.97
12/8/2012 14:00	29578	18.83	264.8	12.3	29.63	14.86	264.3	14.36	24.26	69.8	70.64	20.78	19.61	0	612.5	26.24	1.737	-0.01	16.69
12/8/2012 15:00	29579	16.95	246.6	14.26	26.05	13.41	245.7	16.38	22.47	70.46	71.17	20.04	19.02	0	535.5	26.22	1.734	-0.003	15.95
12/8/2012 16:00	29580	17	255	13.48	27.84	13.52	254.2	15.56	24.26	71.03	71.47	16.94	16.35	0	403.6	26.2	1.727	-0.006	11.96
12/8/2012 17:00	29581	14.5	240	10.96	24.26	11.54	239.6	11.93	20.68	70.94	70.98	17.83	17.41	0	226	26.18	1.724	-0.003	11.97
12/8/2012 18:00	29582	12.35	230.3	8.18	20.68	8.99	231	9.88	17.1	67.53	66.92	21.73	21.58	0	43.04	26.17	1.722	-0.003	12.46
12/8/2012 19:00	29583	11.98	221.5	7.518	17.1	7.775	223.2	10.48	13.52	62.79	61.62	25.33	25.49	0	0.125	26.15	1.719	-0.003	13.19
12/8/2012 20:00	29584	6.563	227.3	7.931	15.31	3.4	223.3	10.86	11.74	57.13	55.45	30.58	30.97	0	0.011	26.14	1.716	-0.003	11.65
12/8/2012 21:00	29585	7.556	237.6	5.913	11.74	3.759	243.8	8.35	8.16	55.67	52.21	31.99	34.15	0	0.002	26.12	1.719	0.003	15.23
12/8/2012 22:00	29586	5.926	244	10.59	8.16	2.506	256.6	17.2	4.578	51.13	48.3	37.21	38.56	0	0.001	26.11	1.713	-0.006	11.94
12/8/2012 23:00	29587	6.214	230.4	8.13	9.95	2.231	243.8	12.98	4.578	49.28	45.92	39.2	41.39	0	0	26.09	1.713	0	11.96
12/9/2012 0:00	29588	6.1	241.2	8.66	8.16	1.704	256	9.15	4.578	48.91	44.76	39.7	42.97	0	0	26.09	1.713	0	15.87
12/9/2012 1:00	29589	6.506	245.1	6.999	15.31	2.652	244.2	11.87	4.578	47.88	43.92	41.34	44.33	0	0	26.07	1.713	0	15.75
12/9/2012 2:00	29590	7.959	252.6	10.43	9.95	3.694	252.3	15.38	6.368	47.8	43.53	41.73	45.3	0	0	26.06	1.713	0	11.86
12/9/2012 3:00	29591	6.867	244	14.78	11.74	3.306	241	17.33	9.95	47.76	45.11	42.03	43.66	0	0	26.07	1.71	-0.003	11.39
12/9/2012 4:00	29592	4.806	255.5	17.41	8.16	1.65	281.7	28.14	4.578	46.33	43.12	43.9	46.42	0	0	26.08	1.713	0.003	16.21
12/9/2012 5:00	29593	8.49	269.7	15.65	15.31	5.169	275	21.25	11.74	49.33	46.31	40.06	42.29	0	0	26.08	1.713	0	11.95
12/9/2012 6:00	29594	6.798	278.9	15.92	11.74	3.652	276.8	21.12	8.16	47.76	45.56	42.66	43.56	0	0	26.09	1.71	-0.003	11.99
12/9/2012 7:00	29595	6.989	272.5	14.21	9.95	3.479	286.9	25.85	6.368	47.28	42.98	43.15	47.05	0	0	26.1	1.71	0	15.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/9/2012 8:00	29596	5.835	309.4	11.54	9.95	2.082	314.7	25.81	4.578	46.61	41.58	43.77	48.79	0	2.65	26.1	1.71	0	11.98
12/9/2012 9:00	29597	7.472	338	24.42	27.84	4.525	341	29.57	20.68	49.82	47.73	39.82	40.79	0	174	26.12	1.713	0.003	11.95
12/9/2012 10:00	29598	15.12	34.4	13.05	26.05	8.35	32.07	14.35	18.89	45.76	46.15	51.55	47.93	0	355.5	26.22	1.713	0	13.86
12/9/2012 11:00	29599	15.06	40.44	11.91	22.47	8.36	36.77	13.28	15.31	45.34	46.01	56.48	52.25	0	481.2	26.26	1.71	-0.003	12.12
12/9/2012 12:00	29600	14.21	42.87	13	22.47	8.22	38.37	14.76	17.1	46.69	47.68	46.52	42.96	0	598	26.28	1.709	0	11.99
12/9/2012 13:00	29601	13.46	44.51	13.22	22.47	7.707	39.82	15.32	15.31	48.47	49.66	42.76	39.23	0	662.3	26.28	1.706	-0.003	16.23
12/9/2012 14:00	29602	13.42	46.35	14.47	22.47	7.907	41.48	16.79	18.89	50.32	51.68	39.98	36.48	0	592.7	26.26	1.706	0	16.39
12/9/2012 15:00	29603	13.03	44.45	15.96	24.26	7.62	41.28	18.28	17.1	52.01	53.12	38.86	35.7	0	550.8	26.24	1.703	-0.003	12.21
12/9/2012 16:00	29604	15.37	52.71	12	26.05	9.11	47.25	16.4	17.1	51.92	53.03	41.4	38.01	0	361.7	26.24	1.703	0	12.04
12/9/2012 17:00	29605	16.74	56.64	11.17	26.05	10.34	51.5	16.22	20.68	50.13	50.66	43.45	40.54	0	190.4	26.21	1.7	-0.003	16.24
12/9/2012 18:00	29606	15.42	56.46	10.02	24.26	9.45	51.25	15.48	18.89	47.84	47.83	44.3	42.04	0	37.65	26.19	1.703	0.003	15.81
12/9/2012 19:00	29607	13.28	58.4	9.9	20.68	8.29	54.46	15.24	15.31	44.81	44.48	45.88	43.95	0	0.077	26.18	1.697	-0.006	11.97
12/9/2012 20:00	29608	16.59	44.78	9.05	26.05	8.87	38.88	11.74	18.89	42.15	41.93	40.43	38.73	0	0	26.21	1.697	0.001	12.01
12/9/2012 21:00	29609	19.2	44.99	8.34	29.63	10.41	39.05	11.66	20.68	39.33	39.18	37.05	35.42	0	0	26.24	1.697	0	16.54
12/9/2012 22:00	29610	19.95	27.28	14.19	38.57	11.04	24.44	16.86	29.63	35.83	35.84	36.35	34.48	0	0	26.28	1.694	-0.003	11.68
12/9/2012 23:00	29611	21.87	21.23	13.6	36.78	12.34	17.36	17.69	27.84	32.23	32.37	37.01	34.85	0	0	26.33	1.695	0	12.56
12/10/2012 0:00	29612	19.79	13.3	13.3	33.21	12.16	7.608	19.01	26.05	32.33	32.48	38.21	35.93	0	0	26.36	1.695	0	12
12/10/2012 1:00	29613	17.92	8.03	12.59	34.99	11.61	0.533	17.42	26.05	30.75	31.02	47.27	43.62	0	0	26.37	1.695	0	11.94
12/10/2012 2:00	29614	15.18	10.18	12.76	26.05	9.83	1.489	17.8	20.68	27.41	27.75	71.91	66.1	0	0	26.37	1.695	0	15.74
12/10/2012 3:00	29615	13.01	3.423	10.77	22.47	8.79	354.9	14.26	17.1	26.21	26.43	70.36	65.27	0	0	26.35	1.695	0	15.73
12/10/2012 4:00	29616	5.654	340.3	12.25	11.74	3.622	336.4	13.5	8.16	24.19	24.1	71.98	67.18	0	0	26.33	1.695	0	11.84
12/10/2012 5:00	29617	6.412	320.3	9.89	9.95	3.457	319.7	14.55	8.16	23.41	22.7	68.75	64.86	0	0	26.31	1.695	0	11.84
12/10/2012 6:00	29618	4.458	285.9	24.75	8.16	1.529	298.1	22.03	4.578	21.55	19.97	72.22	68.79	0	0	26.29	1.692	-0.003	16.41
12/10/2012 7:00	29619	6.267	307.5	12.06	9.95	3.275	308.8	16.35	6.368	20.53	19.39	74.41	70.27	0	0	26.28	1.692	0	16.48
12/10/2012 8:00	29620	7.212	308.3	17.02	13.52	4.319	304.9	26.18	8.16	19.45	18.98	73.71	69.36	0	4.736	26.28	1.696	0.003	15.64
12/10/2012 9:00	29621	7.726	329.3	11.88	13.52	5.262	329.2	14.35	9.95	22.06	22.39	64.69	59.85	0	134.6	26.29	1.695	0	11.47
12/10/2012 10:00	29622	7.354	346.1	12.54	11.74	5.489	342.4	14.35	9.95	28.41	29.08	46.59	42.93	0	336.4	26.34	1.695	-0.001	16.6
12/10/2012 11:00	29623	6.153	306.8	32.35	11.74	4.928	306.4	35.01	9.95	32.26	32.67	36.51	33.96	0	501.2	26.39	1.691	-0.004	12.03
12/10/2012 12:00	29624	6.977	268.6	26.04	13.52	5.608	268.4	29.15	13.52	35.1	35.76	33.67	30.98	0	616.4	26.41	1.681	-0.01	11.91
12/10/2012 13:00	29625	7.892	284.4	27.82	15.31	5.968	283.2	32.66	13.52	37.89	38.92	30.4	27.63	0	668.5	26.39	1.681	0	12.05
12/10/2012 14:00	29626	8.19	267.7	24.36	18.89	5.949	264	30.37	13.52	40.53	41.78	25.27	23	0	651.9	26.36	1.681	0	11.37
12/10/2012 15:00	29627	10.22	279.4	18.49	18.89	7.893	277.2	23.53	15.31	42.48	43.54	18.47	17	0	571.2	26.33	1.681	0	12.43
12/10/2012 16:00	29628	9.82	293.6	19.81	18.89	7.936	292.6	24.14	15.31	43.15	43.77	17.6	16.33	0	432.1	26.3	1.681	0	16.55
12/10/2012 17:00	29629	6.477	272.9	25.61	11.74	4.926	270.3	29.89	11.74	43.94	44.54	18.77	17.42	0	250.6	26.27	1.687	0.007	15.4
12/10/2012 18:00	29630	5.966	251.7	10.32	13.52	3.576	248.8	13.55	11.74	41.75	41.36	19.45	19.04	0	48.04	26.24	1.681	-0.006	11.91
12/10/2012 19:00	29631	5.063	223	25.44	9.95	1.587	193.4	22.72	6.368	37.18	33.87	24.37	25.24	0	0.095	26.2	1.682	0.001	12.28
12/10/2012 20:00	29632	4.063	162.3	49.36	8.16	1.302	94.4	29.69	6.368	32.24	29.46	38.31	37.45	0	0	26.18	1.682	0.001	11.94
12/10/2012 21:00	29633	4.275	150.3	35.96	13.52	1.712	113.5	55.94	8.16	32.59	29.45	41.41	41.04	0	0	26.15	1.679	-0.003	16.56
12/10/2012 22:00	29634	4.343	242.9	32.73	9.95	2.079	261.9	44.77	6.368	28.1	26.62	45.48	44.15	0	0	26.15	1.679	0	16.48
12/10/2012 23:00	29635	5.025	236.6	10.82	8.16	0.933	252.1	12.7	4.578	27.13	24.59	46.03	45.81	0	0	26.15	1.683	0.003	11.83
12/11/2012 0:00	29636	6.707	218.8	9.34	9.95	2.96	223.6	15.03	6.368	27.84	25.57	47.45	46.92	0	0	26.14	1.683	0	11.81
12/11/2012 1:00	29637	4.824	250.6	22.37	13.52	2.128	282.6	28.44	4.578	27.57	24.99	48.4	48.38	0	0	26.14	1.683	0	15.55
12/11/2012 2:00	29638	4.125	241.4	12.91	6.368	1.209	275.5	27.02	4.578	27.9	24.98	48.28	49.43	0	0	26.13	1.683	0	11.73
12/11/2012 3:00	29639	3.451	248.4	18.99	6.368	0.993	290.8	24.64	4.578	27.06	24.63	49.02	49.66	0	0	26.12	1.683	0	12.16
12/11/2012 4:00	29640	4.474	277.2	15.36	8.16	1.881	310	16.7	4.578	26.29	23.18	49.59	50.72	0	0	26.12	1.683	0	16.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
12/11/2012 5:00	29641	6.105	307.9	10.42	9.95	3.178	302.8	18.57	6.368	26.58	24.6	50.4	50.07	0	0	26.12	1.683	0	11.32	
12/11/2012 6:00	29642	6.589	310.8	7.599	9.95	3.532	305.4	12.31	8.16	27.18	25.9	51.31	49.94	0	0	26.12	1.683	0	11.82	
12/11/2012 7:00	29643	3.323	321.3	26.63	6.368	0.498	277.8	17.62	2.789	25.7	23.86	53.62	52.92	0	0	26.14	1.683	0	15.67	
12/11/2012 8:00	29644	3.806	286.5	20.1	8.16	1.705	280.7	28.45	4.578	25.94	22.99	53.18	54.13	0	5.316	26.15	1.683	0	11.37	
12/11/2012 9:00	29645	4.215	287.3	17	9.95	2.251	279.9	21.73	8.16	28.54	27.79	50	47.69	0	117.6	26.17	1.686	0.003	15.03	
12/11/2012 10:00	29646	9.08	305.6	14.69	15.31	7.472	306	16.21	13.52	36.37	36.42	39.99	37.67	0	326.9	26.24	1.682	-0.004	15.9	
12/11/2012 11:00	29647	12.27	338.6	13.11	18.89	9.75	334.8	14.04	17.1	43.96	44.35	29.52	27.94	0	490.3	26.32	1.681	-0.001	11.94	
12/11/2012 12:00	29648	10.81	323.3	13.3	18.89	8.3	322.7	16.05	15.31	47.21	47.99	25.42	23.68	0	600.7	26.36	1.668	-0.013	16.05	
12/11/2012 13:00	29649	10.03	324.3	15.01	17.1	7.36	324	19.24	13.52	49.63	50.68	21.9	20.16	0	654	26.36	1.668	0	12.45	
12/11/2012 14:00	29650	10.32	332.8	26.97	18.89	7.922	330.2	28.27	17.1	51.4	52.19	18.67	17.43	0	641.5	26.35	1.668	0	11.97	
12/11/2012 15:00	29651	12.56	328.6	21.55	24.26	8.8	327.1	26.8	18.89	51.89	53.12	17.03	15.67	0	561.8	26.35	1.668	0	11.52	
12/11/2012 16:00	29652	10.97	334.7	19.79	20.68	8.51	332.3	20.42	17.1	51.61	52.25	15.64	14.72	0	425.2	26.35	1.668	0	11.79	
12/11/2012 17:00	29653	11.18	338.7	14.1	20.68	8.44	335.2	15.75	17.1	51.38	51.86	15.24	14.42	0	246.2	26.33	1.668	0	16.58	
12/11/2012 18:00	29654	7.319	357.2	14.79	13.52	4.815	348	14.6	9.95	49	48.59	17.05	16.87	0	49.91	26.32	1.668	0	12	
12/11/2012 19:00	29655	5.196	12.28	11.13	8.16	2.109	11.01	19.19	6.368	44.23	42.33	20.47	21.32	0	0.123	26.29	1.669	0	11.99	
12/11/2012 20:00	29656	3.457	357.6	39.39	6.368	0.505	312.5	34.45	4.578	40.98	36.37	23.62	26.19	0	0	26.28	1.669	0	13.84	
12/11/2012 21:00	29657	2.922	352.8	20.86	4.578	1.242	51.19	20.72	4.578	39.47	33.4	25.81	30.09	0	0	26.27	1.669	0.001	15.86	
12/11/2012 22:00	29658	3.263	8.43	61.87	6.368	1.527	357.1	43.52	4.578	39.43	33.95	26.22	29.94	0	0	26.28	1.669	0	11.88	
12/11/2012 23:00	29659	3.836	72.47	66.95	11.74	1.005	146.9	37.55	6.368	35.13	29.28	30.19	34.39	0	0	26.27	1.666	-0.003	16.58	
12/12/2012 0:00	29660	1.136	160.4	14.48	6.368	0.196	58.41	12.92	2.789	31.65	27.42	32.89	36.35	0	0	26.26	1.67	0.003	14.65	
12/12/2012 1:00	29661	0.583	141.6	13.62	2.789	0.165	45.58	15.12	2.789	31.32	27.9	34.08	36.85	0	0	26.25	1.67	0	15.68	
12/12/2012 2:00	29662	1.466	188.8	30.56	4.578	0.483	69.35	9.18	2.789	31.17	27.83	34.54	37.48	0	0	26.25	1.67	0	11.8	
12/12/2012 3:00	29663	2.325	245.4	12.13	4.578	0.221	89.2	5.715	2.789	30.5	25.37	35.95	40.47	0	0	26.24	1.67	0	11.9	
12/12/2012 4:00	29664	3.559	220.9	16.82	6.368	0.384	88.2	33.38	2.789	30.38	25.46	36.43	40.74	0	0	26.23	1.67	0	15.76	
12/12/2012 5:00	29665	3.829	223.1	17.51	8.16	0.513	239.7	18.12	6.368	29.57	26.28	38.46	40.18	0	0	26.23	1.67	0	11.8	
12/12/2012 6:00	29666	3.966	193.2	15.18	8.16	0.581	133.9	27.94	4.578	28.6	25.38	41.11	42.39	0	0	26.22	1.68	0.01	14.78	
12/12/2012 7:00	29667	3.788	197.2	17.36	6.368	0.213	93	13.63	2.789	26.98	23.47	45.85	46.95	0	0	26.22	1.683	0.003	13.9	
12/12/2012 8:00	29668	2.693	202.6	17.4	4.578	0.057	119.6	4.498	2.789	26.24	23.39	47.37	49.89	0	4.268	26.23	1.683	0	13.9	
12/12/2012 9:00	29669	2.416	214.4	33.96	6.368	0.8	220.9	13.95	6.368	30.85	30.26	40.96	39.83	0	128.5	26.25	1.682	0	11.43	
12/12/2012 10:00	29670	8.15	211.9	10.69	15.31	5.988	213.3	12.97	13.52	38.55	39.17	32.12	30.03	0	327.1	26.33	1.681	-0.001	11.92	
12/12/2012 11:00	29671	13.8	205.6	7.908	20.68	9.79	208	12.01	17.1	46.36	47.48	21.95	20.54	0	494.9	26.39	1.678	-0.004	16.78	
12/12/2012 12:00	29672	13.09	210.6	11.26	20.68	9.45	212.2	13.96	17.1	51.39	52.79	16.09	14.97	0	607.3	26.42	1.661	-0.016	11.62	
12/12/2012 13:00	29673	13.73	213.4	11.38	22.47	10.15	214	14.04	20.68	54.85	56.27	13.18	12.25	0	656.6	26.43	1.661	0	15.44	
12/12/2012 14:00	29674	14.15	215.3	11.35	22.47	10.39	216.2	13.84	17.1	57.71	59.15	10.77	10.06	0	638.7	26.41	1.664	0.003	11.95	
12/12/2012 15:00	29675	12.81	206.8	12.71	20.68	9.37	209.2	15.14	17.1	59.81	61.22	9.55	8.95	0	557.6	26.4	1.664	0	11.97	
12/12/2012 16:00	29676	12.84	203	13.45	20.68	9.08	204.1	16.02	17.1	61.88	63.05	8.18	7.809	0	421.2	26.39	1.664	0	15.67	
12/12/2012 17:00	29677	11.86	204.8	10.16	20.68	8.33	206.7	13.32	15.31	62.53	63.21	7.939	7.803	0	244.9	26.37	1.668	0.003	15.66	
12/12/2012 18:00	29678	9.09	194.5	8.49	17.1	5.027	193.9	13.58	11.74	59.25	58.01	9.86	10.51	0	49.2	26.35	1.665	-0.003	15.65	
12/12/2012 19:00	29679	8.48	170.2	17.82	11.74	3.176	159.5	26.65	6.368	51.94	47.45	14.11	16.46	0	0.145	26.32	1.662	-0.003	12.59	
12/12/2012 20:00	29680	6.198	135.8	9.49	8.16	2.255	103.1	15.23	4.578	48.37	44.13	16.64	19.17	0	0.002	26.29	1.659	-0.003	16.46	
12/12/2012 21:00	29681	7.776	144.4	8.9	11.74	2.893	135.7	17.9	6.368	45.6	42.04	19.96	21.69	0	0	26.29	1.663	0.003	15.9	
12/12/2012 22:00	29682	3.284	224	24.95	8.16	1.149	278.9	26.93	4.578	42.45	39.73	25.83	26.65	0	0	26.29	1.659	-0.003	11.91	
12/12/2012 23:00	29683	4.337	219.5	11.71	8.16	0.872	248.9	12.11	2.789	43.07	39.94	29.11	29.98	0	0	26.29	1.659	0	12.18	
12/13/2012 0:00	29684	5.118	214.3	15.5	8.16	1.676	220.2	19.02	4.578	41.8	38.48	32.57	33.68	0	0	26.28	1.659	0	11.96	
12/13/2012 1:00	29685	5.368	202.9	10.33	13.52	1.303	208.7	14.75	4.578	39.72	36.16	37.59	38.76	0	0	26.28	1.66	0	11.72	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/13/2012 2:00	29686	5.74	190.1	7.746	11.74	2.249	198	11.56	8.16	37.93	35.04	42.3	42.67	0	0	26.26	1.66	0	15.18
12/13/2012 3:00	29687	6.292	196.8	7.854	9.95	2.336	203	12.91	6.368	36.32	33.6	47.3	47.37	0	0	26.26	1.663	0.003	15.54
12/13/2012 4:00	29688	5.84	197	4.616	8.16	1.159	194	6.652	4.578	36.1	32.59	50.16	51.49	0	0	26.25	1.66	-0.003	15.72
12/13/2012 5:00	29689	5.23	204.4	8.26	8.16	0.263	220.9	9.52	2.789	35.95	31.51	50.67	53.63	0	0	26.24	1.66	0	11.95
12/13/2012 6:00	29690	4.888	245.1	15.18	6.368	1.269	274.8	13.03	4.578	35.43	32.01	51.56	53.05	0	0	26.23	1.663	0.003	15.49
12/13/2012 7:00	29691	5.915	257.2	11.59	8.16	2.301	270.7	20.35	4.578	36.23	32.32	51.75	53.73	0	0	26.24	1.66	-0.003	11.89
12/13/2012 8:00	29692	5.943	247.4	9.89	8.16	2.327	255.2	10.28	4.578	35.74	33.19	53.53	53.83	0	3.772	26.25	1.66	0	11.62
12/13/2012 9:00	29693	5.217	241.4	13.84	8.16	2.702	249	19.91	8.16	37.46	36.59	52.65	49.83	0	118.9	26.28	1.66	0	12.01
12/13/2012 10:00	29694	5.964	214.8	11.97	9.95	4.537	217.6	14.01	8.16	44.27	44.72	44.41	41.37	0	312.9	26.35	1.659	-0.001	16.77
12/13/2012 11:00	29695	8.62	190.5	17.25	15.31	6.182	193.9	20.52	13.52	51.48	52.71	35.22	32.52	0	474.5	26.42	1.662	0.003	11.67
12/13/2012 12:00	29696	9.02	192.7	14.79	15.31	6.606	196.1	18.1	11.74	57.67	59.12	27.78	25.55	0	578.7	26.45	1.661	0	11.93
12/13/2012 13:00	29697	10.46	185.4	16.45	17.1	7.368	188.7	20.46	13.52	60.63	62.42	24.55	22.32	0	624.7	26.45	1.661	0	15.65
12/13/2012 14:00	29698	11.8	180.8	13.39	17.1	8.23	185.3	17.97	15.31	63.37	65.32	21.78	19.7	0	608.3	26.42	1.664	0.003	12.01
12/13/2012 15:00	29699	11.08	176.8	15.05	17.1	7.625	179.2	19.86	15.31	65.63	67.43	20.23	18.41	0	531.2	26.41	1.661	-0.003	11.78
12/13/2012 16:00	29700	11.11	166.9	16.4	17.1	7.433	168.6	21.5	15.31	65.91	67.4	21.96	20.18	0	387.8	26.39	1.661	0	11.57
12/13/2012 17:00	29701	11.82	152.5	10.57	18.89	7.421	154	15.78	13.52	64.01	64.66	27.47	25.83	0	164.1	26.36	1.661	0	11.46
12/13/2012 18:00	29702	9.48	153.2	7.629	17.1	5.285	154.3	13.73	11.74	59.53	58.83	37.79	36.52	0	22.05	26.34	1.658	-0.003	11.43
12/13/2012 19:00	29703	7.165	137	5.36	9.95	2.927	128.9	12.17	4.578	54.14	52.09	47.81	47.06	0	0.05	26.3	1.659	0	11.97
12/13/2012 20:00	29704	6.562	119.8	9.31	9.95	3.141	108.8	14.78	6.368	51.62	50.04	55.28	53.74	0	0.004	26.28	1.662	0.003	15.51
12/13/2012 21:00	29705	6.671	107.1	13.79	9.95	3.485	97.6	20.14	6.368	49.52	48.4	61.59	59.29	0	0.003	26.27	1.659	-0.003	11.95
12/13/2012 22:00	29706	7.325	122.3	16.8	11.74	3.76	117.6	21.61	8.16	48.46	47.28	62.64	60.57	0	0.004	26.26	1.659	0	15.86
12/13/2012 23:00	29707	7.807	142.4	11.73	11.74	4.417	142.5	18.03	8.16	47.3	46.6	66.59	63.5	0	0.001	26.27	1.659	0	11.89
12/14/2012 0:00	29708	9.05	161.4	8.97	17.1	5.225	164.7	14.93	11.74	46.71	46.4	79.39	74.46	0	0.003	26.27	1.659	0	11.98
12/14/2012 1:00	29709	11.09	161.1	9.31	24.26	6.633	164	15.37	13.52	47.6	47.57	85.3	80.1	0	0.008	26.26	1.659	0	11.39
12/14/2012 2:00	29710	12.02	161.5	9.66	18.89	7.229	164.1	15.34	13.52	47.46	47.39	86.9	82.1	0	0.009	26.25	1.659	0	11.99
12/14/2012 3:00	29711	9.06	171.1	10.26	15.31	5.518	173.9	16.02	11.74	47.5	47.47	87.5	82.8	0	0.006	26.24	1.659	0	16.12
12/14/2012 4:00	29712	8.89	143.6	21.79	18.89	5.495	145.2	26.72	13.52	47.35	47.26	87.9	83.6	0	0.005	26.21	1.659	0	11.98
12/14/2012 5:00	29713	8.93	138.9	16.3	17.1	5.317	141.2	21.29	13.52	47.09	46.89	88.4	84.5	0	0.003	26.17	1.659	0	11.89
12/14/2012 6:00	29714	8.2	155.8	15.16	17.1	4.827	159.4	20.35	11.74	47.68	47.49	88.8	85.2	0	0.004	26.15	1.659	0	12.22
12/14/2012 7:00	29715	8.7	151.6	11.94	17.1	5.241	154.1	16.83	13.52	48.5	48.32	88.4	85.1	0	0.008	26.14	1.659	0	16.6
12/14/2012 8:00	29716	7.596	143.7	8.92	11.74	4.199	144.7	15.05	9.95	47.8	47.29	89.5	86.4	0	0.903	26.13	1.662	0.003	15.87
12/14/2012 9:00	29717	8.63	152	11.84	17.1	4.972	154.8	17.05	13.52	47.93	47.48	88.3	86.8	0	41.93	26.11	1.659	-0.003	11.91
12/14/2012 10:00	29718	16.49	168.2	10.07	29.63	10.04	171.2	15.64	20.68	51.66	51.77	81.6	77.81	0	165.6	26.12	1.659	0	15.23
12/14/2012 11:00	29719	20.36	169.7	8.66	33.21	12.55	172.7	15.06	26.05	55.81	56.65	72.37	67.05	0	341.7	26.15	1.659	0	16.68
12/14/2012 12:00	29720	24.3	173.2	8.51	36.78	14.81	176.5	15.12	26.05	59.7	60.88	62.24	57.01	0	408.6	26.15	1.658	0	11.84
12/14/2012 13:00	29721	23.73	177.9	9.58	34.99	14.95	181.6	15.68	27.84	61.66	63.05	58.7	53.43	0	505.3	26.12	1.661	0.003	11.98
12/14/2012 14:00	29722	24.36	181.9	10.41	36.78	15.77	185.4	15.76	29.63	63.75	65.48	55.74	50.22	0	583.5	26.1	1.661	0	14.87
12/14/2012 15:00	29723	24.07	193.1	34.37	47.52	15.51	196.6	34.51	34.99	61.6	61.8	61.84	58.91	0.15	251.2	26.09	1.658	-0.003	12.53
12/14/2012 16:00	29724	31.32	285.2	11.48	51.1	20.08	283.7	18.35	40.36	63.51	51.68	65.82	67.71	0	232.2	26.09	1.662	0.004	11.99
12/14/2012 17:00	29725	27	284.6	9.27	45.73	17.76	283.4	16.8	31.42	56.66	50.41	56.86	55.91	0	72.85	26.09	1.662	0	13.18
12/14/2012 18:00	29726	26.69	273.6	9.65	47.52	17.52	270.2	15.9	40.36	55.25	51.34	48.4	48.06	0	33.28	26.1	1.662	0	15.69
12/14/2012 19:00	29727	22.06	263.5	12.72	42.15	15.18	261.5	16.26	31.42	52.59	50.29	46.15	46.18	0	0.124	26.13	1.659	-0.003	11.97
12/14/2012 20:00	29728	22.18	271.6	10.31	40.36	14.94	269.1	15.22	31.42	51.4	49.78	40.37	40.76	0	0.005	26.13	1.659	0	15.94
12/14/2012 21:00	29729	17.11	266.5	13.04	29.63	11.94	263.7	16.46	24.26	49.73	48.52	42.49	42.57	0	0.006	26.15	1.659	0	16.06
12/14/2012 22:00	29730	12.31	248.4	20.53	22.47	8.89	243.9	22.16	17.1	48.15	47.19	45.45	45.39	0	0.003	26.16	1.656	-0.003	12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/14/2012 23:00	29731	10.06	213.2	13.84	17.1	6.514	214.1	16.1	11.74	45.25	43.91	49.08	49.8	0	0.001	26.17	1.659	0.004	16.1
12/15/2012 0:00	29732	12.33	245.1	13.49	22.47	8.84	244.2	14.76	17.1	45.2	44.18	47.67	48.15	0	0	26.17	1.656	-0.003	12.03
12/15/2012 1:00	29733	10.48	233	18.79	20.68	7.088	233.9	21.63	15.31	43.6	42.53	48.93	49.76	0	0	26.17	1.656	0	12
12/15/2012 2:00	29734	6.275	249.7	20.92	9.95	3.287	253.3	31.28	8.16	42.97	40.43	46.71	50.13	0	0	26.16	1.659	0.003	12.05
12/15/2012 3:00	29735	8.73	280	17.39	15.31	5.024	286.4	23.02	11.74	41.36	39.35	50.98	53.6	0	0	26.15	1.663	0.003	13.38
12/15/2012 4:00	29736	12.25	302.3	8.4	17.1	7.542	306.1	12.7	13.52	41.94	40.48	50.4	51.9	0	0	26.14	1.656	-0.006	15.84
12/15/2012 5:00	29737	11.73	301.7	9.26	22.47	7.086	302.4	13.54	18.89	42.45	41.12	49.21	50.3	0	0	26.13	1.656	0	16.61
12/15/2012 6:00	29738	7.463	285.1	22.09	11.74	3.452	277.6	34.12	6.368	39.4	36.73	53.74	57.24	0	0	26.12	1.656	0	12
12/15/2012 7:00	29739	5.528	220.4	13.27	9.95	2.229	226.3	20.7	6.368	35.93	33.89	60.8	62.67	0	0	26.12	1.657	0	16.52
12/15/2012 8:00	29740	4.971	231.1	13.91	8.16	1.807	236.8	18.32	6.368	33.2	32.22	66	65.78	0	1.867	26.13	1.657	0	11.96
12/15/2012 9:00	29741	4.334	231.2	27.9	8.16	1.621	233.1	35.75	6.368	33.97	32.99	65.18	66.06	0	52.29	26.14	1.657	0	11.44
12/15/2012 10:00	29742	5.789	221.4	12.13	9.95	4.079	222	13.69	8.16	39.27	39.31	58.53	57.25	0	152	26.17	1.656	-0.001	11.92
12/15/2012 11:00	29743	6.402	226.1	10.41	9.95	4.973	226.7	11.26	8.16	43.2	43.33	54.96	53.4	0	185.9	26.2	1.659	0.003	15.69
12/15/2012 12:00	29744	10.63	273.7	12.97	20.68	7.738	272.9	16.41	17.1	49.04	49.01	49.39	48.51	0	216.2	26.22	1.659	0	12.08
12/15/2012 13:00	29745	15.35	278.2	9.08	27.84	10.98	276.6	13.14	22.47	53.56	53.5	44.75	44.02	0	235.6	26.22	1.659	0	11.97
12/15/2012 14:00	29746	17.47	276.6	9.49	26.05	12.44	274.5	13.71	20.68	55.54	55.53	42.17	41.39	0	267.6	26.21	1.659	0	12
12/15/2012 15:00	29747	16.28	265.4	11.28	26.05	11.81	263.7	14.46	20.68	56.95	56.99	39.61	38.59	0	268.7	26.2	1.658	0	12.55
12/15/2012 16:00	29748	13.31	257.8	10.7	20.68	9.86	257.3	13.54	18.89	56.7	56.56	39.89	38.96	0	144.9	26.2	1.658	0	14.02
12/15/2012 17:00	29749	9.85	231.8	13.08	15.31	7.252	232.4	13.98	11.74	55.31	54.86	39.97	39.71	0	71.13	26.19	1.658	0	11.95
12/15/2012 18:00	29750	8.22	234.7	12.33	13.52	5.601	234.4	12.5	9.95	52.5	51.72	44.04	44.08	0	14.04	26.18	1.659	0	11.99
12/15/2012 19:00	29751	7.661	242.8	8.49	15.31	4.818	244.3	11.14	11.74	50.89	49.68	48.16	48.48	0	0.055	26.17	1.662	0.003	15.51
12/15/2012 20:00	29752	7.119	233.6	14.13	13.52	4.485	237.6	18.53	9.95	51.01	49.8	49.77	49.94	0	0.015	26.17	1.659	-0.003	11.81
12/15/2012 21:00	29753	4.82	239.1	46.14	9.95	2.468	252.3	38.08	8.16	48.06	46.73	55.46	55.51	0	0.015	26.16	1.656	-0.003	16.68
12/15/2012 22:00	29754	6.322	252.4	19.4	9.95	3.657	256.6	26.3	8.16	46.19	45.06	59.48	59.15	0	0.008	26.15	1.662	0.006	12.9
12/15/2012 23:00	29755	5.6	277.9	16.62	8.16	2.587	293.2	23.89	4.578	46.19	43.57	58.77	62.08	0	0.004	26.15	1.656	-0.006	12.01
12/16/2012 0:00	29756	8.37	257.3	6.862	11.74	4.931	255.7	11.07	9.95	46.63	44.94	57.29	58.11	0	0.003	26.13	1.656	0	11.97
12/16/2012 1:00	29757	6.771	271.6	28.74	15.31	3.757	262.1	31.99	11.74	45.62	43.93	60.15	60.44	0	0.002	26.12	1.656	0	11.46
12/16/2012 2:00	29758	5.187	285.6	20.22	8.16	1.256	274.8	25.01	4.578	42.95	40.38	63.31	64.82	0	0.001	26.11	1.656	0	16.5
12/16/2012 3:00	29759	6.202	242.8	9.64	11.74	2.45	252.8	19.86	6.368	41.42	38.36	66.1	68.04	0	0	26.09	1.659	0.003	15.51
12/16/2012 4:00	29760	4.857	251	18.38	8.16	1.546	264.1	31.66	4.578	39.98	37.04	68.49	70.41	0	0	26.09	1.656	-0.003	11.77
12/16/2012 5:00	29761	6.961	272.5	19	11.74	3.628	278.4	26.85	8.16	40.75	37.78	66.46	69.04	0	0	26.09	1.656	0	16.07
12/16/2012 6:00	29762	7.866	249.4	12.29	11.74	4.139	247.8	13.05	6.368	41.24	38.53	63.92	66.06	0	0	26.08	1.656	0	16.61
12/16/2012 7:00	29763	6.306	252.5	16.97	9.95	2.688	259.3	25.86	8.16	37.27	34.42	69.68	71.07	0	0	26.08	1.656	0	11.41
12/16/2012 8:00	29764	6.896	274.3	14.05	11.74	2.724	283.5	21.42	6.368	39.63	34.91	66.01	71.16	0	1.523	26.08	1.657	0	16.58
12/16/2012 9:00	29765	4.327	268.3	16.96	9.95	1.792	255.2	17.3	6.368	41.99	41.06	65.52	63.73	0	113.9	26.1	1.656	-0.001	11.6
12/16/2012 10:00	29766	7.857	288.2	21.06	18.89	5.877	288.7	24.56	15.31	47.67	47.79	57.78	54.71	0	304.3	26.17	1.662	0.006	15.71
12/16/2012 11:00	29767	18.27	272.9	10.36	31.42	13.01	271.4	14.35	26.05	53.73	54.1	45.54	43.73	0	426.6	26.22	1.658	-0.004	12.01
12/16/2012 12:00	29768	21.13	268.6	11.32	33.21	15.19	267.5	14.59	27.84	55.02	55.42	41.78	39.96	0	433.9	26.22	1.658	0	12.12
12/16/2012 13:00	29769	21.32	272	10.81	33.21	15.3	270.6	14.12	29.63	56.06	56.73	38.32	36.39	0	483.4	26.2	1.658	0	12.47
12/16/2012 14:00	29770	18.98	267.5	11.35	33.21	13.61	266.4	14.59	26.05	57.15	57.58	34.6	33.13	0	365	26.17	1.658	0	12.02
12/16/2012 15:00	29771	16.71	259.9	13.98	27.84	12.47	259.1	16.55	22.47	58.68	59.35	33.18	31.44	0	490.8	26.15	1.658	0	15.84
12/16/2012 16:00	29772	19.47	257.4	12.49	29.63	14.59	256.9	14.9	24.26	59.32	59.77	31.6	30.1	0	368.9	26.15	1.658	0	16.81
12/16/2012 17:00	29773	17.91	268.1	11.92	27.84	12.91	266.9	15.29	24.26	58.58	58.69	32.79	31.57	0	165.1	26.14	1.658	0	16.62
12/16/2012 18:00	29774	21.85	276.1	9.34	36.78	15.4	274.6	13.09	29.63	56.65	56.31	36.3	35.33	0	25.08	26.14	1.658	0	13.93
12/16/2012 19:00	29775	17.06	270.1	9.24	27.84	11.87	269.9	13.24	20.68	53.97	53.42	41.43	40.35	0	0.175	26.14	1.659	0	11.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/16/2012 20:00	29776	12.85	290.7	14.07	24.26	9.2	290.7	17.02	18.89	51.22	50.54	46.76	45.67	0	0.018	26.16	1.656	-0.003	11.9
12/16/2012 21:00	29777	10.67	298.8	7.344	17.1	7.635	300.5	9.71	13.52	48.83	47.97	51.06	49.96	0	0.009	26.17	1.656	0	14.6
12/16/2012 22:00	29778	11.71	295.9	9.64	22.47	8.18	296.4	12.37	18.89	46.97	45.87	54.52	53.6	0	0.005	26.18	1.656	0	16.64
12/16/2012 23:00	29779	9.04	300.4	7.117	13.52	6.19	300	9.66	11.74	44.23	43.36	58.47	56.85	0	0.002	26.2	1.659	0.003	15.75
12/17/2012 0:00	29780	7.877	302.4	8.86	13.52	4.907	301.8	11.01	9.95	41.1	40.04	62.95	61.45	0	0.001	26.2	1.663	0.003	16.54
12/17/2012 1:00	29781	7.016	295.9	6.469	11.74	3.47	298	14.05	6.368	37.48	35.42	67.51	67.38	0	0	26.19	1.656	-0.006	16.55
12/17/2012 2:00	29782	10.67	296.1	6.089	17.1	7.238	297.8	9.31	13.52	38.39	36.95	61.85	61.98	0	0	26.16	1.656	0	11.96
12/17/2012 3:00	29783	14.01	299.1	6.832	20.68	10.62	300.2	9.69	17.1	40.27	39.46	54.21	53.24	0	0	26.17	1.656	0	11.97
12/17/2012 4:00	29784	11.17	297.3	9.55	17.1	7.897	298	12.13	13.52	38.84	37.97	55.31	54.2	0	0	26.17	1.656	0	11.98
12/17/2012 5:00	29785	10	305.4	6.425	13.52	6.765	305.5	9.44	11.74	37.42	36.41	56.65	55.67	0	0	26.16	1.656	0	11.97
12/17/2012 6:00	29786	8.25	297.3	11.11	13.52	5.13	295.3	16.36	9.95	34.12	33.07	62.06	60.59	0	0	26.15	1.653	-0.003	16.37
12/17/2012 7:00	29787	7.712	308	7.623	11.74	4.571	302.4	11.59	8.16	32.82	31.44	63.58	63.29	0	0	26.15	1.657	0.003	11.9
12/17/2012 8:00	29788	8.75	310.1	8.04	13.52	4.521	309.3	13.16	8.16	34.87	33.66	59.35	58.92	0	2.919	26.15	1.657	0	11.36
12/17/2012 9:00	29789	8.25	295.2	9.73	11.74	5.823	295.3	13.89	9.95	36.55	36.06	59.72	56.92	0	113.4	26.16	1.656	0	16.11
12/17/2012 10:00	29790	12.17	284.6	10.23	20.68	9.15	283.6	14.32	17.1	45.48	45.55	47.95	45.77	0	307.9	26.21	1.656	-0.001	16.71
12/17/2012 11:00	29791	16.74	277.8	10.23	24.26	12.13	276.9	13.98	20.68	51.42	51.91	36	34.39	0	467.9	26.28	1.655	0	11.47
12/17/2012 12:00	29792	16.72	268.1	12.66	26.05	12.26	266.7	16.27	20.68	55.72	56.46	28.68	27.28	0	577.5	26.3	1.655	0	14.79
12/17/2012 13:00	29793	16.1	261.5	12.63	24.26	12.03	261.2	15.7	22.47	58.03	58.93	25.98	24.56	0	629	26.3	1.658	0.003	11.97
12/17/2012 14:00	29794	15.38	254.1	12.16	24.26	11.75	254.4	15.12	22.47	60.14	60.97	23.3	22.11	0	618.6	26.28	1.658	0	16.67
12/17/2012 15:00	29795	13.61	255.4	13.56	24.26	10.3	254	17.11	18.89	61.73	62.46	20.77	19.79	0	544.8	26.27	1.658	0	16.4
12/17/2012 16:00	29796	13.29	264.2	12.76	20.68	9.01	261.9	17.05	17.1	62.89	63.75	19.33	18.42	0	414.9	26.26	1.658	0	15.53
12/17/2012 17:00	29797	13.72	265.5	12.64	20.68	9.39	264.5	15.8	15.31	63.29	63.72	18.87	18.26	0	243.3	26.24	1.658	0	11.71
12/17/2012 18:00	29798	10.29	253.2	9.97	18.89	6.905	255.5	12.69	15.31	61.16	60.64	20.17	20.25	0	51.62	26.22	1.658	0	12.92
12/17/2012 19:00	29799	7.819	246.4	16.76	13.52	3.926	245.8	20.78	8.16	57.01	53.35	23.72	26.88	0	0.209	26.2	1.655	-0.003	11.97
12/17/2012 20:00	29800	8.98	245.2	16.06	15.31	5.291	247.1	19.27	11.74	51.81	50.16	33.42	33.9	0	0.003	26.18	1.656	0	16.21
12/17/2012 21:00	29801	6.466	251.1	9.77	11.74	3.633	254	18.66	8.16	48.41	46.22	40.29	41.31	0	0.003	26.17	1.656	0	11.97
12/17/2012 22:00	29802	8.02	243.9	10.24	13.52	4.483	245.1	14.49	11.74	48.1	45.81	40.77	42.26	0	0.001	26.15	1.656	0	11.87
12/17/2012 23:00	29803	6.374	251.9	14.63	11.74	3.641	252.7	19.83	9.95	47.1	45.35	42.32	42.89	0	0	26.15	1.656	0	12.29
12/18/2012 0:00	29804	7.566	230.8	30.49	11.74	4.185	227.8	35.1	8.16	45.09	43.06	46.61	47.37	0	0	26.14	1.653	-0.003	11.97
12/18/2012 1:00	29805	6.502	201.2	24.18	13.52	2.425	191.3	36.71	6.368	41.47	37.77	51.56	54.32	0	0	26.12	1.656	0.003	11.96
12/18/2012 2:00	29806	8.08	238.8	13.4	11.74	4.391	245	17.8	8.16	41.85	39.89	50.52	51.48	0	0	26.09	1.656	0	11.93
12/18/2012 3:00	29807	7.5	257.7	8.98	11.74	3.816	258.5	13.11	6.368	41.75	39.05	50.67	52.53	0	0	26.08	1.653	-0.003	14.83
12/18/2012 4:00	29808	8.66	279.7	10.4	11.74	4.573	286.6	16.69	6.368	43.08	39.55	51.56	54.71	0	0	26.08	1.653	0	11.42
12/18/2012 5:00	29809	8.41	288	10.63	11.74	4.163	287.2	20.66	8.16	43.27	38.86	51.64	56.26	0	0	26.06	1.653	0	12.03
12/18/2012 6:00	29810	9.06	287	5.714	11.74	4.36	287.6	11.46	6.368	42.9	37.61	52.64	58.73	0	0	26.04	1.656	0.003	15.55
12/18/2012 7:00	29811	7.905	276.9	17.17	11.74	3.783	282.2	22.47	8.16	40.54	36.95	57.33	60.48	0	0	26.04	1.653	-0.003	13.19
12/18/2012 8:00	29812	7.638	254.7	11.86	11.74	4.314	254	16.37	8.16	40.81	37.76	56.74	59.23	0	2.799	26.05	1.653	0	11.97
12/18/2012 9:00	29813	9.32	258.9	7.894	13.52	5.976	259.3	11.86	9.95	45.19	43.91	51.28	50.77	0	115.6	26.08	1.656	0.003	12.81
12/18/2012 10:00	29814	9.93	238.5	14.53	17.1	7.119	238.2	17.21	13.52	52.05	52.13	41.85	40.15	0	309.8	26.15	1.662	0.006	15.57
12/18/2012 11:00	29815	14.54	231.2	8.59	20.68	10.82	231.1	11.34	18.89	58.99	59.13	31.49	30.65	0	466.9	26.21	1.655	-0.007	15.92
12/18/2012 12:00	29816	13.67	227.6	9.33	20.68	10.33	227.2	12.3	17.1	63.94	64.54	24.62	23.7	0	576.5	26.25	1.655	0	11.75
12/18/2012 13:00	29817	12.86	234.9	11.26	18.89	10.21	233.8	12.32	18.89	67.14	67.65	19.54	18.98	0	624.8	26.24	1.661	0.006	16.05
12/18/2012 14:00	29818	14.81	226.6	12.93	27.84	11.34	226.7	14.39	20.68	69.94	70.76	16.08	15.59	0	601.2	26.21	1.655	-0.006	15.65
12/18/2012 15:00	29819	15.52	229.3	10.66	26.05	11.93	230	11.91	20.68	71.73	72.16	11.82	11.91	0	452.7	26.19	1.658	0.003	14.42
12/18/2012 16:00	29820	15.69	234.2	9.46	27.84	12.22	233.9	10.72	22.47	71.52	71.36	9.1	9.72	0	196.4	26.16	1.655	-0.003	12.69

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/18/2012 17:00	29821	14.49	230.9	8.4	22.47	11.13	231.1	9.73	18.89	69.62	69.12	9.95	10.67	0	99.8	26.14	1.658	0.003	16.16
12/18/2012 18:00	29822	10	231.6	7.872	20.68	6.883	230.7	9.08	17.1	66.66	65.44	13.46	14.53	0	38.14	26.12	1.655	-0.003	11.99
12/18/2012 19:00	29823	4.391	242.7	39.38	9.95	2.314	245.8	53.94	8.16	62.58	60.16	15.57	17.71	0	0.261	26.1	1.655	0	11.97
12/18/2012 20:00	29824	6.39	224.8	15.05	9.95	2.122	238	24.22	6.368	58.85	54.7	17.92	21.62	0	0.005	26.08	1.652	-0.003	11.45
12/18/2012 21:00	29825	5.852	207.6	15.39	11.74	1.676	203.5	28.67	6.368	57.25	53.14	19.18	22.77	0	0.004	26.07	1.653	0	11.65
12/18/2012 22:00	29826	4.427	214.8	25.18	8.16	1.057	201	45.48	4.578	54.83	51.32	20.86	24.62	0	0.003	26.05	1.653	0	11.67
12/18/2012 23:00	29827	4.199	154.6	31.93	8.16	1.7	102.3	11.26	4.578	52.23	48.61	22.96	27.25	0	0.002	26.04	1.653	0	16.34
12/19/2012 0:00	29828	4.449	165	13.2	8.16	1.139	109.2	16.16	4.578	51.62	48.57	23.62	26.58	0	0.003	26.02	1.653	0	16.42
12/19/2012 1:00	29829	5.448	162.7	24.37	9.95	1.825	141.7	39.93	4.578	49.52	46.6	26.19	29.6	0	0.003	26.02	1.653	0	11.67
12/19/2012 2:00	29830	4.607	157	26.75	8.16	1.387	115.2	36.92	4.578	49.29	45.85	25.71	30	0	0.001	25.97	1.653	0	16.16
12/19/2012 3:00	29831	3.772	226.2	58.49	11.74	1.839	312.5	63.65	9.95	47.54	43.84	27.5	33.54	0	0.001	25.95	1.653	0	15.99
12/19/2012 4:00	29832	3.761	205.6	28.52	9.95	0.839	98.7	39.92	4.578	46.91	41.75	26.84	33.51	0	0	25.92	1.653	0	15.56
12/19/2012 5:00	29833	5.728	184.4	12	9.95	1.66	121.9	18.61	4.578	46.06	40.62	27.24	33.15	0	0	25.9	1.653	0	15.58
12/19/2012 6:00	29834	2.687	201.3	14.97	8.16	0.482	205.5	26.67	4.578	43.25	41.03	30.64	33.38	0	0	25.88	1.653	0	12.11
12/19/2012 7:00	29835	2.807	291.6	45.67	6.368	1.105	323.3	26.61	4.578	41.75	40.5	33.99	37.58	0	0.001	25.9	1.653	0	11.97
12/19/2012 8:00	29836	1.508	331.5	39.47	6.368	0.602	349.9	24.62	2.789	42.43	40.15	34.11	38.97	0	0.806	25.9	1.653	0	12.02
12/19/2012 9:00	29837	2.719	198.4	47.4	6.368	0.558	322.5	28.4	4.578	42.71	40.32	35.74	39.27	0	26.9	25.91	1.653	0	13.47
12/19/2012 10:00	29838	5.438	271.2	24.27	9.95	3.345	269.5	25.12	8.16	45.31	44.42	34.02	36.15	0	103.5	25.94	1.653	0	11.44
12/19/2012 11:00	29839	5.509	224.9	20.58	9.95	4.165	225.9	22.16	8.16	51.29	51.25	26.74	26.69	0	226.6	25.98	1.653	-0.001	11.98
12/19/2012 12:00	29840	11.19	233.7	20.29	31.42	8.77	234.1	20.16	27.84	59.05	58.97	15.63	16.18	0	325.7	26.01	1.652	0	16.53
12/19/2012 13:00	29841	22.25	254.1	10.75	38.57	16.92	253.4	13.08	31.42	65.35	65.51	12.6	12.72	0	438.9	26.04	1.655	0.003	11.93
12/19/2012 14:00	29842	29.69	251.5	12.01	54.68	22.63	250.9	13.95	43.94	65.53	65.76	21.7	20.9	0	415.3	26.04	1.655	0	11.7
12/19/2012 15:00	29843	31.78	265.6	11.71	52.89	20.99	262.2	16.19	40.36	63.69	63.94	28.29	27.04	0	244.2	26.04	1.655	0	15.71
12/19/2012 16:00	29844	37.61	270.5	10.44	63.62	26.05	269.6	14.16	49.31	60.34	60.66	30.28	28.72	0	314.1	26.07	1.652	-0.003	13.05
12/19/2012 17:00	29845	33.39	265.3	10.97	52.89	23.13	263.6	13.79	40.36	57.52	57.62	30.05	28.79	0	148.7	26.1	1.655	0.003	13.01
12/19/2012 18:00	29846	27.95	272	10.77	47.52	19.72	271.2	14.03	34.99	55.14	54.92	18.11	18.03	0	26.55	26.12	1.652	-0.003	11.64
12/19/2012 19:00	29847	18.82	309.9	14.72	31.42	13.52	310.5	16.39	24.26	50.91	50.49	14.52	14.79	0	0.145	26.16	1.656	0.004	13.66
12/19/2012 20:00	29848	18.06	311.2	8.36	29.63	13.44	311.4	10.74	24.26	48.04	47.54	16.94	17.07	0	0.006	26.2	1.656	0	14.14
12/19/2012 21:00	29849	23.82	312.6	7.638	40.36	17.63	313.3	10.36	31.42	45.86	45.44	20.13	19.9	0	0.002	26.24	1.649	-0.006	11.75
12/19/2012 22:00	29850	20.01	312.3	8.43	29.63	14.74	313.2	10.93	26.05	44.23	43.75	21.31	21.07	0	0.001	26.29	1.65	0	16.16
12/19/2012 23:00	29851	21.91	349.4	21.77	42.15	15.43	343.7	20.32	34.99	39.12	38.97	34.27	32.47	0	0	26.33	1.653	0.003	16.4
12/20/2012 0:00	29852	14.46	8.64	12.2	27.84	9.59	359.9	16.69	22.47	34.2	34.17	38.55	36.71	0	0	26.37	1.653	0	15.08
12/20/2012 1:00	29853	11.63	350.8	8.1	18.89	7.577	344.7	11.17	15.31	31.94	31.65	39.5	37.98	0	0	26.38	1.65	-0.003	11.99
12/20/2012 2:00	29854	8.95	353	8.53	15.31	5.572	348.2	10.79	11.74	30.19	29.77	41.87	40.33	0	0	26.39	1.65	0	11.59
12/20/2012 3:00	29855	7.082	322.5	27.4	11.74	4.363	318.3	28.09	8.16	28.31	27.34	43.92	42.98	0	0	26.4	1.65	0	11.89
12/20/2012 4:00	29856	6.008	314.3	13.94	9.95	3.221	312.8	14.81	6.368	26.03	24.28	46.33	46.5	0	0	26.42	1.651	0	11.37
12/20/2012 5:00	29857	7.174	337.3	10.45	11.74	4.539	332.7	12.38	8.16	25.28	24.26	44.69	44.53	0	0	26.42	1.651	0	11.93
12/20/2012 6:00	29858	7.715	318.4	6.096	11.74	4.171	313.3	9.96	8.16	23.94	21.99	45.43	46.26	0	0	26.43	1.651	0	11.9
12/20/2012 7:00	29859	8.35	314.3	8.65	11.74	4.633	308.8	11.46	8.16	22.75	20.78	48	48.48	0	0	26.45	1.651	0	14.38
12/20/2012 8:00	29860	5.782	323.6	17.51	9.95	2.578	316.1	18.68	6.368	22.04	20.07	49.2	49.99	0	2.598	26.46	1.654	0.003	11.81
12/20/2012 9:00	29861	6.211	311.5	16.24	11.74	3.698	308.8	17.35	11.74	23.8	23.21	47.38	45.46	0	116.5	26.5	1.651	-0.003	11.32
12/20/2012 10:00	29862	6.682	282.4	20.39	9.95	5.257	282.1	24.2	9.95	29.77	30.16	36.8	34.56	0	319.6	26.57	1.653	0.002	16.19
12/20/2012 11:00	29863	5.816	237.9	25.68	11.74	4.519	236.7	24.33	11.74	36.7	37.32	26.14	24.79	0	490.9	26.65	1.653	-0.001	11.97
12/20/2012 12:00	29864	9.33	251.5	17.07	17.1	7.354	249.1	20.19	15.31	40.53	41.21	24.76	23.24	0	611	26.7	1.646	-0.007	15.54
12/20/2012 13:00	29865	9.58	249.2	17.95	17.1	7.642	247.8	21.5	13.52	43.63	44.37	21.76	20.47	0	668.3	26.69	1.646	0	11.5

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/20/2012 14:00	29866	10.08	243.7	20.1	18.89	7.941	242.2	21.1	17.1	46.19	47.02	18.88	17.81	0	656.5	26.68	1.646	0	13.78
12/20/2012 15:00	29867	9.05	245.4	21.91	17.1	7.072	243.8	22.31	13.52	48.42	49.22	16.05	15.2	0	579.4	26.67	1.649	0.003	12.03
12/20/2012 16:00	29868	8.73	244.1	17.31	15.31	6.928	243.3	19.58	13.52	49.39	49.94	14.71	14.11	0	443	26.66	1.646	-0.003	11.56
12/20/2012 17:00	29869	7.898	236.3	16.39	15.31	6.354	236.4	17.12	11.74	49.5	49.83	13.47	13.15	0	262.9	26.64	1.649	0.003	12.64
12/20/2012 18:00	29870	6.292	217.7	9.24	11.74	3.631	216.5	12.77	8.16	47.19	46.35	13.95	14.53	0	59.87	26.61	1.646	-0.003	11.92
12/20/2012 19:00	29871	6.245	208.3	6.262	8.16	1.783	206.9	12.6	4.578	41.48	37.68	17.3	19.96	0	0.168	26.57	1.647	0.001	16.19
12/20/2012 20:00	29872	3.639	201.3	16.8	8.16	0.205	133.1	16.78	2.789	36.2	32.92	20.83	22.88	0	0	26.54	1.644	-0.003	11.84
12/20/2012 21:00	29873	2.835	208.7	15	6.368	0.052	143.3	11.5	2.789	33.63	30.36	22.62	25.03	0	0	26.53	1.647	0.004	16.19
12/20/2012 22:00	29874	2.501	225.8	22.69	6.368	0.007	327.3	1.332	2.789	32.99	29.54	22.86	26.45	0	0	26.52	1.644	-0.003	11.5
12/20/2012 23:00	29875	2.507	277.1	13.97	4.578	0.178	330.4	4.265	2.789	32.34	28.58	23.64	28.08	0	0	26.52	1.644	0	11.35
12/21/2012 0:00	29876	2.059	266.2	19.58	4.578	0.081	336.5	10.93	2.789	31.82	27.1	24.1	30.9	0	0	26.5	1.648	0.003	15.54
12/21/2012 1:00	29877	3.616	274.4	11.61	4.578	0.334	321.6	4.126	4.578	30.53	25.53	26.36	33.2	0	0	26.49	1.645	-0.003	13.55
12/21/2012 2:00	29878	4.19	276	9.38	6.368	0.919	305.2	10.43	4.578	29.37	25.6	27.73	31.79	0	0	26.48	1.648	0.003	11.89
12/21/2012 3:00	29879	4.699	279.8	7.561	6.368	0.665	298.8	7.276	2.789	29.11	23.93	28.18	34.26	0	0	26.48	1.648	0	14.81
12/21/2012 4:00	29880	4.198	293.8	13.06	6.368	0.676	333.4	10.05	4.578	29.6	24.05	27.69	34.34	0	0	26.46	1.651	0.003	16.06
12/21/2012 5:00	29881	4.599	301.7	9.82	6.368	0.202	270.3	15.23	4.578	29.12	22.3	29.21	36.89	0	0	26.45	1.651	0	16.17
12/21/2012 6:00	29882	3.695	315.4	24.94	8.16	0.424	174.8	20.1	6.368	27.66	20.16	30.39	40.03	0	0	26.43	1.655	0.004	11.83
12/21/2012 7:00	29883	3.449	301.8	20.99	6.368	0.602	190.8	42.85	4.578	27.54	19.39	30.13	41.77	0	0	26.43	1.655	0	11.79
12/21/2012 8:00	29884	2.32	304.1	13.83	6.368	0.633	70.21	7.698	4.578	29.48	20.2	27.22	41.75	0	2.363	26.43	1.655	0	11.66
12/21/2012 9:00	29885	2.266	318.6	24.21	4.578	0.311	57.81	3.898	2.789	31.98	23.36	24.31	43.04	0	55.55	26.45	1.654	-0.001	16.3
12/21/2012 10:00	29886	3.586	184.7	77.84	9.95	1.846	187.3	36.23	8.16	37.56	36.06	21.71	26.83	0	222.7	26.49	1.657	0.003	11.92
12/21/2012 11:00	29887	6.124	199	20.81	9.95	4.524	205.6	22.73	9.95	43.27	43.76	15.08	15.1	0	360.4	26.57	1.656	-0.001	15.74
12/21/2012 12:00	29888	5.402	187.2	25.7	9.95	3.914	191.9	28.14	8.16	45.7	46.4	12.29	12.31	0	465.2	26.6	1.659	0.003	11.91
12/21/2012 13:00	29889	7.562	175.1	19.01	15.31	5.371	179	23.8	9.95	50.94	52.3	7.837	7.927	0	552.3	26.59	1.642	-0.016	16.22
12/21/2012 14:00	29890	9.58	190.2	20.04	17.1	6.989	194.2	23.02	15.31	53.73	55.11	6.081	6.19	0	569.8	26.58	1.639	-0.003	11.78
12/21/2012 15:00	29891	11.45	185.2	14.68	17.1	7.951	188.6	18.75	15.31	54.69	56.27	5.246	5.3	0	543.2	26.57	1.639	0	15.97
12/21/2012 16:00	29892	11.42	184.2	12.48	17.1	7.819	187	17.1	15.31	54.38	55.46	5.313	5.448	0	332.1	26.55	1.639	0	11.82
12/21/2012 17:00	29893	10	174.1	10.79	17.1	6.519	176.3	16.8	13.52	54.39	55.42	6.164	6.265	0	244.4	26.51	1.639	0	16
12/21/2012 18:00	29894	7.726	174.4	9.23	13.52	4.041	174.5	15.93	9.95	52.4	51.84	6.787	7.59	0	57.63	26.49	1.639	0	12.01
12/21/2012 19:00	29895	5.149	158.1	14.36	8.16	1.227	137.8	32.47	4.578	46.44	43.37	9.86	11.95	0	0.152	26.45	1.643	0.004	13.87
12/21/2012 20:00	29896	6.62	157.3	8.52	9.95	2.147	135.2	19.86	4.578	44.95	40.7	11	14.05	0	0.002	26.43	1.637	-0.006	16.57
12/21/2012 21:00	29897	8.03	169.4	8.29	13.52	3.302	169.2	15.53	8.16	41.5	38.89	13.94	15.74	0	0	26.42	1.64	0.003	12.49
12/21/2012 22:00	29898	5.245	160	16.02	9.95	0.709	163.6	15.45	4.578	37.63	34.84	17.51	19.26	0	0	26.41	1.637	-0.003	16.13
12/21/2012 23:00	29899	5.321	153.4	20.52	8.16	1.296	146.1	32.11	4.578	37.65	35.11	18.86	20.32	0	0	26.4	1.641	0.004	14.39
12/22/2012 0:00	29900	6.47	178.1	8.73	9.95	1.443	175.3	9.81	4.578	36.56	32.9	20.42	22.84	0	0	26.38	1.638	-0.003	16.28
12/22/2012 1:00	29901	5.79	180.8	9.97	13.52	1.426	176.6	13.02	4.578	35.14	32.32	22.26	24.01	0	0	26.35	1.638	0	11.94
12/22/2012 2:00	29902	6.11	175.1	4.372	8.16	0.659	172.3	6.806	2.789	33.57	30.02	24.19	26.52	0	0	26.33	1.638	0	15.88
12/22/2012 3:00	29903	5.548	197.8	10.16	8.16	0.642	212.5	9.7	4.578	32.04	28.65	25.94	28.47	0	0	26.31	1.638	0	12.02
12/22/2012 4:00	29904	3.648	222.7	11.27	6.368	0.338	256	10.11	4.578	31.5	29.32	26.62	28.32	0	0	26.3	1.638	0	16.39
12/22/2012 5:00	29905	3.938	261.6	24.38	6.368	0.935	307.4	4.707	4.578	31.95	28.94	26.39	29.33	0	0	26.29	1.641	0.003	16.03
12/22/2012 6:00	29906	4.621	284.4	6.005	6.368	2.277	308.2	8.81	4.578	31.49	28	27.57	31.67	0	0	26.28	1.638	-0.003	11.8
12/22/2012 7:00	29907	5.174	260	8.91	6.368	2.078	281.6	14.66	4.578	31.75	27.34	27.53	32.31	0	0	26.27	1.641	0.003	11.91
12/22/2012 8:00	29908	4.694	254.7	9.76	6.368	1.597	284.1	13.7	4.578	31.09	27.4	28.26	32.98	0	2.765	26.27	1.638	-0.003	16.56
12/22/2012 9:00	29909	4.588	258.1	13.3	8.16	2.411	269.8	22.42	6.368	33.3	31.48	27.48	30.27	0	107.7	26.28	1.641	0.003	11.92
12/22/2012 10:00	29910	7.028	217.4	9.08	11.74	5.522	221	11.7	9.95	37.81	38.12	23.07	22.3	0	260.4	26.34	1.64	-0.001	13.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/22/2012 11:00	29911	7.29	213.7	11.68	11.74	5.674	216.8	14.47	9.95	43.2	43.88	18.73	17.94	0	440.7	26.39	1.637	-0.004	15.47
12/22/2012 12:00	29912	8.86	222.9	11.23	13.52	7.054	224.5	13.34	11.74	48.01	48.57	14.74	14.27	0	383.8	26.42	1.636	0	12.01
12/22/2012 13:00	29913	10.37	218.7	10.59	17.1	8.04	220.4	12.97	13.52	51.64	52.23	11.97	11.71	0	365	26.39	1.636	0	11.99
12/22/2012 14:00	29914	10.45	212.6	10.39	15.31	7.68	215.7	13.12	13.52	53.2	53.83	11.26	10.96	0	257.3	26.37	1.642	0.006	15.87
12/22/2012 15:00	29915	8.79	194.7	10.62	13.52	6.166	197.5	14.43	9.95	55.06	55.81	10.18	9.96	0	236.1	26.32	1.636	-0.006	12.08
12/22/2012 16:00	29916	10.96	214.7	10.14	18.89	8.04	216.7	12.06	13.52	56.5	56.89	9.55	9.52	0	222.5	26.32	1.636	0	16.66
12/22/2012 17:00	29917	9.98	211	7.951	17.1	6.971	212.4	11.15	13.52	56.07	56.07	9.64	9.78	0	101.3	26.33	1.636	0	16.04
12/22/2012 18:00	29918	7.059	211.7	11.37	11.74	4.388	213.4	13.82	9.95	55.1	54.55	10.37	10.87	0	19.57	26.3	1.636	0	16.67
12/22/2012 19:00	29919	4.935	193.5	9.45	8.16	1.626	190.1	11.45	4.578	52.3	50.68	12.32	13.46	0	0.138	26.3	1.633	-0.003	16.59
12/22/2012 20:00	29920	5.233	225.2	21.07	9.95	1.956	238.3	28.42	4.578	48.33	45.51	15.39	17.35	0	0.021	26.29	1.637	0.003	11.99
12/22/2012 21:00	29921	4.269	248.2	7.389	6.368	0.493	244	11.84	2.789	46.45	42.32	17.04	20.03	0	0.006	26.27	1.634	-0.003	13.78
12/22/2012 22:00	29922	6.019	234.9	15.43	9.95	1.817	243	22.96	4.578	44.23	40.16	18.92	22.46	0	0.001	26.25	1.634	0	12.02
12/22/2012 23:00	29923	4.468	206.4	27.77	9.95	1.405	230.2	40.32	6.368	41.98	38.96	20.97	23.44	0	0.001	26.24	1.634	0	12.01
12/23/2012 0:00	29924	3.646	229.1	33.95	6.368	1.227	257.2	59.29	4.578	40.44	37.41	22.69	25.1	0	0	26.24	1.634	0	11.95
12/23/2012 1:00	29925	4.565	185.5	10.11	8.16	1.273	141.5	12.57	4.578	40.95	36.04	25.12	27.78	0	0	26.22	1.634	0	12.01
12/23/2012 2:00	29926	3.47	200.6	14.91	6.368	0.593	160.9	5.916	4.578	39.85	34.71	29.66	32.02	0	0	26.2	1.634	0	16.6
12/23/2012 3:00	29927	1.289	233	19.88	4.578	0.332	50.55	9.42	2.789	37.38	34.28	34.61	35.47	0	0	26.19	1.635	0	16.56
12/23/2012 4:00	29928	4.304	257.8	14.34	8.16	0.508	299.6	10.56	2.789	38.12	33.46	35.16	38.43	0	0	26.18	1.635	0	11.96
12/23/2012 5:00	29929	6.131	291.2	18.15	8.16	1.381	317.9	18.21	4.578	40.11	33.76	33.72	40.1	0	0	26.17	1.635	0	11.96
12/23/2012 6:00	29930	3.156	234	27.95	6.368	0.921	162.3	21.79	4.578	38.2	32.33	36.37	40.94	0	0	26.17	1.635	0	11.89
12/23/2012 7:00	29931	3.562	296.8	17.21	8.16	0.592	323.9	8.09	4.578	37.92	33.33	36.66	41.48	0	0	26.16	1.635	0	16.56
12/23/2012 8:00	29932	4.105	281.3	45.05	8.16	1.99	244.7	51.34	6.368	37.79	35.03	38.43	39.85	0	1.376	26.18	1.635	0	16.53
12/23/2012 9:00	29933	2.566	345.1	59.89	4.578	0.854	51.73	37.1	4.578	36.81	34.26	39.89	41.88	0	56.61	26.19	1.635	0	11.93
12/23/2012 10:00	29934	2.745	301.8	30.96	6.368	1.754	302.9	25.05	4.578	43.02	42.27	36.16	35.74	0	176	26.22	1.637	0.003	11.86
12/23/2012 11:00	29935	4.113	232.6	22.03	8.16	3.081	229.2	18.05	6.368	49.18	49.04	31.37	30.36	0	312.1	26.27	1.637	-0.001	11.93
12/23/2012 12:00	29936	8.01	250	23.58	15.31	6.597	249.6	23.42	13.52	56.81	56.93	25.32	24.31	0	437.8	26.32	1.636	-0.001	11.99
12/23/2012 13:00	29937	11.69	284.2	10.47	18.89	9.55	283.7	13.48	17.1	61.24	61.42	23.61	22.58	0	380.3	26.32	1.639	0.003	15.39
12/23/2012 14:00	29938	15.26	287	9.79	24.26	12.37	286	12.97	20.68	62.77	62.99	23.72	22.63	0	368.8	26.31	1.636	-0.003	11.89
12/23/2012 15:00	29939	13.02	286.4	9.4	20.68	10.55	285.6	12.67	17.1	61.76	61.78	23.75	22.84	0	280.9	26.29	1.636	0	16.8
12/23/2012 16:00	29940	11.91	281.7	10.06	17.1	9.71	280.4	13.41	15.31	64.12	64.36	22.15	21.09	0	383.5	26.29	1.636	0	12.01
12/23/2012 17:00	29941	9.45	271.2	13.6	15.31	7.502	269.2	15.51	13.52	64.75	64.56	21.04	20.49	0	184.4	26.31	1.636	0	12.65
12/23/2012 18:00	29942	7.449	263.8	12.58	11.74	4.651	264	13.64	9.95	62.09	60.78	22.93	23.1	0	48.25	26.29	1.639	0.003	15.79
12/23/2012 19:00	29943	5.124	262.8	11.72	8.16	1.609	279.3	20.97	4.578	55.66	51.78	29.76	31.78	0	0.144	26.27	1.633	-0.006	11.98
12/23/2012 20:00	29944	2.995	284.3	30.59	6.368	0.398	67.22	8.45	2.789	51.73	47.05	34.27	37.69	0	0.006	26.25	1.633	0	11.96
12/23/2012 21:00	29945	4.072	326.1	20.56	8.16	1.012	46.21	25.6	4.578	51.86	44.36	32.93	40.04	0	0.002	26.23	1.634	0	11.99
12/23/2012 22:00	29946	4.709	304.8	38.04	9.95	2.03	256.3	49.18	6.368	47.94	41.18	35.92	41.75	0	0	26.22	1.634	0	16.55
12/23/2012 23:00	29947	5.163	305.6	28.26	9.95	2.215	264.8	39.12	6.368	43.69	39.52	39.52	43.17	0	0	26.22	1.634	0	12.01
12/24/2012 0:00	29948	3.668	321.8	35.7	8.16	1.23	68.75	49.03	6.368	43.61	37.81	31.3	39.74	0	0	26.2	1.634	0	15.55
12/24/2012 1:00	29949	4.685	323.3	32.82	8.16	1.528	321.3	59.51	6.368	45.25	37.7	22.79	33.05	0	0	26.18	1.634	0	11.56
12/24/2012 2:00	29950	6.222	326.8	24.34	13.52	2.135	325.9	31	8.16	42.54	36.58	25.82	32.72	0	0	26.16	1.638	0.003	15.79
12/24/2012 3:00	29951	10	357.4	15.12	13.52	5.852	353.5	17	9.95	44.81	42.36	22.48	24.7	0	0	26.15	1.634	-0.004	11.91
12/24/2012 4:00	29952	9.58	357.8	12.11	13.52	5.335	355.6	18.54	9.95	43.87	41.39	23.45	25.34	0	0	26.16	1.634	0	13.08
12/24/2012 5:00	29953	8.69	3.345	22.33	15.31	4.35	1.524	26.88	9.95	44.75	42.63	22.28	23.77	0	0	26.16	1.634	0	15.67
12/24/2012 6:00	29954	8.98	37.57	13.15	15.31	4.38	35.56	14.11	9.95	35.72	35.24	32.19	31.28	0	0	26.16	1.634	0	11.99
12/24/2012 7:00	29955	7.533	24.47	14.79	13.52	3.62	28.21	16.89	8.16	37.79	36.45	28.24	28.84	0	0	26.14	1.64	0.006	15.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/24/2012 8:00	29956	3.848	171.9	91.3	11.74	1.564	140.2	55.69	8.16	34.74	30.99	32.6	35.56	0	2.421	26.14	1.631	-0.009	11.98
12/24/2012 9:00	29957	4.029	28.79	56.49	11.74	1.717	32.34	57.93	8.16	34.93	30.26	33.17	38.71	0	37.47	26.12	1.635	0.003	12
12/24/2012 10:00	29958	2.981	127.5	41.14	9.95	1.761	124.3	18.25	8.16	38.38	37.17	31.56	33.33	0	178.1	26.14	1.634	0	16.34
12/24/2012 11:00	29959	6.848	130.1	14.62	11.74	4.906	130.4	21.38	8.16	47.69	48.73	20.27	19.51	0	378.8	26.2	1.634	-0.001	12.1
12/24/2012 12:00	29960	12.66	169	15.72	20.68	8.4	171.3	20.21	15.31	55.15	56.51	15.58	14.56	0	459	26.23	1.633	-0.001	12.2
12/24/2012 13:00	29961	13.62	203.3	10.48	20.68	9.59	206.1	13.42	15.31	57.26	58.29	18.13	16.86	0	380.8	26.21	1.639	0.006	15.81
12/24/2012 14:00	29962	13.46	212	8.63	20.68	9.59	213.8	12.12	17.1	58.45	59.03	18.25	17.24	0	292.9	26.16	1.636	-0.003	12.04
12/24/2012 15:00	29963	13.91	210.4	8.62	20.68	9.78	211.9	12.12	15.31	59.36	59.89	18	16.97	0	257.7	26.12	1.633	-0.003	12.38
12/24/2012 16:00	29964	10.65	210.5	9.81	15.31	7.374	211.7	12.54	13.52	59.66	59.9	18.96	17.99	0	139.9	26.1	1.636	0.003	16
12/24/2012 17:00	29965	11.6	196.7	11.4	20.68	7.764	199	14.79	15.31	59.02	58.89	20.36	19.48	0	52.83	26.07	1.636	0	16.77
12/24/2012 18:00	29966	14.39	197.2	8.47	24.26	9.44	200.1	12.85	18.89	59.49	59.06	20.75	20	0	15.57	26.03	1.636	0	12.01
12/24/2012 19:00	29967	11.09	210.7	7.747	18.89	7.271	212	11.01	15.31	57.83	57.06	22.1	21.61	0	0.208	26.02	1.633	-0.003	13.88
12/24/2012 20:00	29968	12.52	225.2	9.07	20.68	9.05	226	10.81	17.1	57.71	56.94	19.76	19.41	0	0.039	26	1.636	0.003	16.04
12/24/2012 21:00	29969	9.04	227.2	11.04	15.31	5.986	228.4	12.57	11.74	54.99	53.74	20.8	20.8	0	0.031	25.99	1.637	0	12.67
12/24/2012 22:00	29970	6.776	225.6	13	13.52	3.224	234.6	22.85	8.16	50.95	48.33	23.91	24.8	0	0.016	25.96	1.633	-0.003	16.19
12/24/2012 23:00	29971	9.33	224.9	12.41	15.31	5.859	225.1	13.96	11.74	50.05	47.97	29.34	29.29	0	0.005	25.94	1.633	0	11.7
12/25/2012 0:00	29972	7.142	205.8	22.6	13.52	3.495	195.6	31.94	9.95	47.08	44.46	36.09	36.47	0	0.004	25.92	1.634	0	12.01
12/25/2012 1:00	29973	5.041	245.3	24.94	13.52	2.617	249.1	54.65	9.95	48.51	45.59	34	35.18	0	0.002	25.9	1.634	0	11.41
12/25/2012 2:00	29974	14.65	284.2	14.43	31.42	11.11	285.2	18.75	27.84	49.97	48.59	38.37	37.47	0	0.015	25.92	1.634	0	12
12/25/2012 3:00	29975	13.04	263.8	11.58	26.05	9.99	263.5	13.28	18.89	48.95	48.49	52.45	49.31	0	0.028	25.93	1.633	0	11.72
12/25/2012 4:00	29976	12.08	283.8	8.71	18.89	9.26	282.4	11.72	17.1	45.08	44.44	61.92	58.33	0	0.01	25.95	1.634	0	16.58
12/25/2012 5:00	29977	12.47	291.6	8.77	18.89	9.68	292.2	11.26	17.1	42.17	41.54	62.47	59.13	0	0.005	25.95	1.64	0.007	15.9
12/25/2012 6:00	29978	12.37	284.8	7.101	18.89	9.38	284	9.97	13.52	40.69	39.94	59.73	56.88	0	0.002	25.95	1.637	-0.003	15.9
12/25/2012 7:00	29979	10.62	289.2	11.24	18.89	7.776	290.3	13.32	15.31	38.75	37.89	58.89	56.17	0	0	25.97	1.631	-0.006	16.35
12/25/2012 8:00	29980	17.06	322.3	27.16	33.21	12.22	321.4	25.59	26.05	38.25	37.93	59.27	55.48	0	1.369	26.01	1.631	0	16.55
12/25/2012 9:00	29981	20.09	12.74	13.37	34.99	12.58	6.644	18.87	26.05	28.66	28.85	69.63	63.92	0	72.43	26.08	1.631	0	11.9
12/25/2012 10:00	29982	22.85	0.774	9.74	34.99	15.43	352.5	12.81	27.84	27.79	28.24	61.32	55.96	0	217.9	26.14	1.635	0.003	11.93
12/25/2012 11:00	29983	19.88	346.3	11.86	31.42	14.25	341.6	13.25	26.05	28.6	29.52	53.4	47.83	0	447.3	26.22	1.631	-0.004	11.94
12/25/2012 12:00	29984	21.11	344.1	11.78	31.42	15.16	339.7	13.3	27.84	31.23	32.4	47	41.94	0	570.9	26.28	1.637	0.006	16.01
12/25/2012 13:00	29985	22.07	354.6	13.66	34.99	15.38	348	15.6	27.84	32.89	34.05	40.62	36.08	0	629.2	26.31	1.634	-0.004	11.91
12/25/2012 14:00	29986	21.53	355.7	11.46	33.21	14.97	349	13.74	27.84	32.79	34	39.49	34.85	0	632.1	26.32	1.633	0	15.82
12/25/2012 15:00	29987	19.92	346.4	12.58	31.42	14.28	341.2	13.77	27.84	32.96	34.26	38.77	34.07	0	554.7	26.34	1.633	0	11.84
12/25/2012 16:00	29988	19.23	351.8	11.38	29.63	13.6	346.2	13.42	24.26	32.37	33.34	40.5	35.89	0	400	26.34	1.634	0	12.09
12/25/2012 17:00	29989	20.73	357.2	9.67	29.63	14.27	350.1	12.75	24.26	30.68	31.24	43.09	38.83	0	179.9	26.33	1.631	-0.003	11.98
12/25/2012 18:00	29990	15.65	358.5	9.94	27.84	10.74	351.5	12.9	22.47	28.38	28.55	46.78	42.8	0	24.23	26.31	1.634	0.004	12.01
12/25/2012 19:00	29991	13.8	1.561	10.63	24.26	9.35	353.3	13.86	18.89	26.31	26.38	50.71	46.49	0	0.094	26.3	1.631	-0.003	16.3
12/25/2012 20:00	29992	14.47	9.21	13.44	24.26	9.29	2.881	18.42	18.89	24.25	24.31	54.46	49.93	0	0	26.29	1.632	0	16.07
12/25/2012 21:00	29993	17.54	7.177	11.47	33.21	11.8	358.2	14.99	22.47	22.1	22.27	57.29	52.52	0	0	26.29	1.632	0	11.89
12/25/2012 22:00	29994	16.91	15.38	13.72	34.99	10.05	10.93	19.2	24.26	20.99	21.1	59.33	54.52	0	0	26.28	1.635	0.003	11.86
12/25/2012 23:00	29995	11.7	7.113	12.75	18.89	7.566	0.138	17.26	15.31	20.51	20.62	61.4	56.5	0	0	26.3	1.632	-0.003	11.82
12/26/2012 0:00	29996	10.06	14.64	14.16	17.1	6.097	10.21	19.33	15.31	20.19	20.27	62.49	57.6	0	0	26.3	1.632	0	11.81
12/26/2012 1:00	29997	9.56	7.35	13.6	20.68	6.092	359.6	18.46	15.31	19.6	19.67	63.82	58.82	0	0	26.31	1.632	0	16.34
12/26/2012 2:00	29998	7.306	359	13.33	11.74	4.902	351.9	15.28	9.95	19.08	19.1	65.17	60.11	0	0	26.31	1.635	0.003	11.46
12/26/2012 3:00	29999	7.941	9.84	22.71	15.31	4.704	5.826	25.25	11.74	18.51	18.52	66.16	61.05	0	0	26.3	1.638	0.003	16.06
12/26/2012 4:00	30000	5.525	348.1	23.68	9.95	3.446	342.6	24.2	8.16	18	18.02	67.13	61.96	0	0	26.3	1.638	0	12.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/26/2012 5:00	30001	5.62	347.3	21.86	9.95	3.717	339.7	21.35	8.16	17.71	17.82	67.52	62.27	0	0	26.28	1.638	0	11.65
12/26/2012 6:00	30002	7.677	18.59	14.35	11.74	4.316	15.96	19.35	9.95	18.02	18.14	66.58	61.39	0	0	26.26	1.641	0.003	11.66
12/26/2012 7:00	30003	5.98	24.8	14.12	9.95	3.149	22.11	18.04	8.16	17.94	17.99	66.34	61.24	0	0	26.25	1.638	-0.003	11.87
12/26/2012 8:00	30004	5.013	20.88	17.25	8.16	2.631	15.16	19.87	8.16	17.84	17.92	66.48	61.38	0	0.61	26.25	1.638	0	16.26
12/26/2012 9:00	30005	4.939	27.26	18	8.16	2.446	21.29	20.48	6.368	18.55	18.72	65.51	60.42	0	45.11	26.25	1.645	0.006	15.08
12/26/2012 10:00	30006	3.311	1.467	26.31	6.368	1.57	349.6	16.05	6.368	21.59	21.84	61.24	56.24	0	180.7	26.28	1.638	-0.006	16.43
12/26/2012 11:00	30007	3.043	226.6	77.74	8.16	1.592	207.6	50.69	6.368	26.19	26.47	54.46	50.14	0	287.1	26.32	1.638	-0.001	16.43
12/26/2012 12:00	30008	4.255	198.6	32.55	9.95	2.85	202.6	30.09	9.95	29.53	30.03	50.15	45.99	0	438.5	26.32	1.637	-0.001	16.57
12/26/2012 13:00	30009	5.631	204.1	22.91	9.95	4.116	209.2	26.35	8.16	33.15	33.98	45.55	41.35	0	506.7	26.31	1.637	-0.001	15.46
12/26/2012 14:00	30010	6.566	194.1	20.58	13.52	4.927	198.4	24.13	11.74	35.93	36.93	43.5	39.29	0	483.9	26.29	1.637	0	12.82
12/26/2012 15:00	30011	9.16	171.9	15.74	17.1	6.327	176.3	20.52	13.52	37.45	38.78	42.5	38.07	0	410.5	26.25	1.633	-0.003	11.95
12/26/2012 16:00	30012	10.94	166.4	14.14	17.1	7.358	169.3	19.08	15.31	39.3	40.97	40.23	35.48	0	430.6	26.23	1.63	-0.003	11.91
12/26/2012 17:00	30013	11.97	163.9	10.83	18.89	7.601	165.8	16.59	13.52	39.84	40.72	39.76	35.84	0	184	26.21	1.63	0	11.94
12/26/2012 18:00	30014	10.24	158.4	8.16	15.31	6.19	160.5	14.09	11.74	38.7	38.64	42.19	39.11	0	22.6	26.16	1.631	0	16.26
12/26/2012 19:00	30015	9.41	146.5	7.332	15.31	5.575	147.4	12.72	11.74	36.76	36.27	44.5	41.83	0	0.153	26.12	1.631	0	11.8
12/26/2012 20:00	30016	6.69	123	9.54	8.16	2.758	109.6	16.53	6.368	33.74	31.85	46.86	45.49	0	0	26.11	1.631	0	11.9
12/26/2012 21:00	30017	7.146	135.8	6.575	9.95	2.815	113.9	15.29	6.368	31.94	28.84	49.8	49.67	0	0	26.09	1.631	0	11.87
12/26/2012 22:00	30018	6.167	149.1	9.21	9.95	2.026	142.2	13.19	4.578	30.41	28.58	52.67	51.16	0	0	26.07	1.631	0	11.79
12/26/2012 23:00	30019	6.063	142.1	8.36	9.95	2.083	131.3	13.48	4.578	29.81	27.77	53.24	52.17	0	0	26.05	1.631	0	11.98
12/27/2012 0:00	30020	5.536	130	9.28	9.95	1.719	114.4	13.48	4.578	28.29	26.21	54.71	53.94	0	0	26.04	1.635	0.003	16.57
12/27/2012 1:00	30021	6.565	165	9.51	13.52	2.108	167	13.22	8.16	26.54	24.54	57.05	55.75	0	0	26.01	1.632	-0.003	16.26
12/27/2012 2:00	30022	7.355	185.9	9.26	11.74	3.171	188.7	15.88	8.16	27.13	25.55	57.76	55.74	0	0	25.98	1.632	0	11.92
12/27/2012 3:00	30023	9.86	192	7.959	17.1	5.857	195.7	12.57	13.52	28.47	27.47	57.41	54.88	0	0	25.96	1.632	0	11.81
12/27/2012 4:00	30024	9.78	200.6	9.86	18.89	6.424	203.7	12.86	13.52	29.59	29.08	56.64	53.33	0	0	25.97	1.631	0	11.87
12/27/2012 5:00	30025	5.574	262.2	31.96	9.95	3.113	273.2	33.91	6.368	26.71	25.74	60.65	57.75	0	0	25.97	1.631	0	11.81
12/27/2012 6:00	30026	5.853	278.1	18.78	8.16	2.728	286.2	24.76	6.368	27.75	25.59	59.9	59.04	0	0	25.96	1.632	0	12.27
12/27/2012 7:00	30027	5.155	254.9	14.84	8.16	1.828	269.2	21.72	4.578	28.12	26.12	59.46	58.83	0	0	25.96	1.632	0	11.77
12/27/2012 8:00	30028	4.626	264.9	10.35	6.368	1.858	292.6	12.11	4.578	27.79	25.22	59.97	59.84	0	0.637	25.97	1.632	0	12.84
12/27/2012 9:00	30029	4.323	260.1	12.9	6.368	0.799	281.5	7.84	4.578	28.37	26.26	59.54	59.41	0	47.43	25.97	1.632	0	13.36
12/27/2012 10:00	30030	4.703	232	17.61	8.16	3.574	234.1	17.24	6.368	31.46	31.43	55.55	52.22	0	151.4	26	1.631	0	11.89
12/27/2012 11:00	30031	4.717	227.2	68.54	8.16	3.27	234.4	55.02	8.16	35.35	35.51	49.4	46.21	0	230.8	26.04	1.631	-0.001	11.9
12/27/2012 12:00	30032	2.642	35.19	42.47	6.368	1.104	25	30.35	4.578	43.12	43.26	38.63	36.57	0	484.5	26.08	1.634	0.003	11.91
12/27/2012 13:00	30033	3.684	197.7	38.05	8.16	2.435	201.2	33.99	6.368	46.34	46.64	34.31	31.96	0	353.7	26.1	1.633	0	16.73
12/27/2012 14:00	30034	4.63	172.7	30.94	8.16	3.088	176.3	34.59	8.16	47.55	48.31	31.87	29.35	0	349.2	26.07	1.63	-0.003	12.01
12/27/2012 15:00	30035	4.342	173.1	25.63	9.95	2.781	176.8	25.88	9.95	49.46	49.99	28.94	26.69	0	238.5	26.05	1.63	0	12
12/27/2012 16:00	30036	4.261	160.7	23.77	9.95	2.69	163.9	27.09	6.368	52.36	52.94	24.88	23.01	0	338.9	26.03	1.633	0.003	13.49
12/27/2012 17:00	30037	6.313	155.4	20.22	11.74	4.224	157.6	25.07	9.95	55.3	56.39	20.7	18.71	0	268.3	26.06	1.63	-0.003	16.13
12/27/2012 18:00	30038	4.363	148.7	35.9	8.16	2.045	139.5	41.63	6.368	53.43	53.01	21.32	20.28	0	65.77	26.05	1.63	0	11.93
12/27/2012 19:00	30039	6.952	68.15	15.6	13.52	3.047	67.23	15.9	8.16	46.95	43.62	28.15	29.4	0	0.367	26.02	1.627	-0.003	16.7
12/27/2012 20:00	30040	8.6	90.9	10.36	13.52	4.487	82.3	14.13	8.16	41.75	39.78	36.56	35.93	0	0.002	25.99	1.628	0	11.97
12/27/2012 21:00	30041	5.235	94.8	9.07	8.16	2.249	70.25	12.15	4.578	40.1	37.73	39.24	39.24	0	0.001	26	1.631	0.003	12.71
12/27/2012 22:00	30042	3.084	271.6	59.02	9.95	1.443	324.4	64.45	8.16	39.46	35.39	40.42	42.31	0	0.001	26	1.631	0	15.75
12/27/2012 23:00	30043	3.417	309	14.18	11.74	0.897	303.6	20.65	8.16	38.47	33.16	42	45.88	0	0	26	1.628	-0.003	15.79
12/28/2012 0:00	30044	10.64	279.7	10.81	17.1	7.488	279.8	14.71	13.52	41.97	39.86	40.1	40.45	0	0	26.03	1.628	0	11.88
12/28/2012 1:00	30045	9.68	285.5	11.91	22.47	7.277	283.9	14.68	18.89	42.75	42	45.67	43.67	0	0.001	26.05	1.628	0	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/28/2012 2:00	30046	10.43	279.4	29.69	26.05	7.902	280	31.03	20.68	44.57	43.94	44.02	42.04	0	0.003	26.06	1.627	0	11.89
12/28/2012 3:00	30047	10.32	276.3	16.3	20.68	7.846	275.7	17.53	17.1	43.43	42.89	47.37	44.89	0	0.003	26.08	1.627	0	16.66
12/28/2012 4:00	30048	11.1	281.8	8.21	18.89	8.51	281.2	10.78	15.31	41.49	40.95	53.35	50.23	0	0.002	26.08	1.628	0	12.75
12/28/2012 5:00	30049	9.24	304.1	8.52	13.52	6.442	305.5	10.14	9.95	37.78	36.89	59.14	56.01	0	0.001	26.08	1.628	0	11.68
12/28/2012 6:00	30050	10.06	309.8	6.604	15.31	6.897	309.3	9.09	11.74	34.78	33.9	63.01	59.86	0	0	26.08	1.631	0.003	12.85
12/28/2012 7:00	30051	11.52	329.5	20.35	18.89	7.897	326.5	19.31	15.31	33.87	33.07	58.82	56.23	0	0	26.1	1.625	-0.006	16.51
12/28/2012 8:00	30052	14.32	11.4	12.13	22.47	9.18	4.855	17.99	17.1	26.96	26.98	65.7	60.63	0	1.492	26.13	1.625	0	11.37
12/28/2012 9:00	30053	13.82	7.347	11.82	22.47	9.09	0.439	16.99	18.89	24.15	24.3	71.35	65.43	0	93.3	26.15	1.628	0.003	11.76
12/28/2012 10:00	30054	13.53	9.66	13.71	20.68	8.7	3.489	18.93	17.1	25.88	26.32	68.46	62.26	0	293.8	26.2	1.628	0	11.84
12/28/2012 11:00	30055	14.29	0.995	10.92	20.68	9.93	353.9	14.25	18.89	30.16	30.91	59.65	53.99	0	469	26.27	1.625	-0.004	11.94
12/28/2012 12:00	30056	12.31	2.721	14.15	20.68	8.47	356.4	17.52	17.1	33.98	34.88	49.81	44.9	0	595.2	26.32	1.624	-0.001	13.33
12/28/2012 13:00	30057	11.97	0.688	15.02	18.89	8.37	354.9	18.33	17.1	37.28	38.32	44.06	39.55	0	659.7	26.32	1.63	0.006	12.26
12/28/2012 14:00	30058	11.78	349.1	18.85	18.89	8.66	344.9	19.27	17.1	39.94	41.05	39.26	35.04	0	653.3	26.33	1.627	-0.004	15.97
12/28/2012 15:00	30059	10.59	343.7	17.21	18.89	7.878	340	18.16	18.89	42.39	43.44	35.44	31.6	0	580.6	26.33	1.627	0	11.97
12/28/2012 16:00	30060	9.62	354.2	16.92	17.1	6.906	348.6	19.45	15.31	43.79	44.55	33.69	30.23	0	445.1	26.33	1.627	0	14.9
12/28/2012 17:00	30061	7.395	20.57	18.51	13.52	4.561	17.28	22.52	9.95	44.19	44.57	33.17	30.29	0	267.4	26.32	1.63	0.003	16.03
12/28/2012 18:00	30062	6.305	46.92	27.55	9.95	3.358	47.37	29.22	8.16	42.68	42.39	34.92	32.7	0	69.47	26.31	1.627	-0.003	11.96
12/28/2012 19:00	30063	6.748	97.3	10.25	9.95	3.08	87.9	17.51	6.368	36.32	33.64	41.5	40.7	0	0.416	26.29	1.624	-0.003	11.64
12/28/2012 20:00	30064	7.597	83.6	7.029	11.74	3.544	76.96	12.19	6.368	34.35	31.73	44.41	44.17	0	0	26.27	1.625	0	11.87
12/28/2012 21:00	30065	8.37	76.63	7.746	11.74	4.707	68.1	14	8.16	30.91	29.62	48.11	46.27	0	0	26.28	1.625	0	11.92
12/28/2012 22:00	30066	9.36	69.29	5.281	11.74	5.643	60.04	11.34	9.95	28.79	27.55	51.26	49	0	0	26.28	1.625	0	11.51
12/28/2012 23:00	30067	7.933	62.4	6.216	11.74	4.327	57.27	12.46	8.16	28.14	26.61	53.31	51.35	0	0	26.29	1.631	0.006	15.89
12/29/2012 0:00	30068	6.066	53.13	9.28	9.95	2.693	49.6	12.17	6.368	27.94	26.53	55.16	52.93	0	0	26.31	1.625	-0.006	11.71
12/29/2012 1:00	30069	5.363	67.18	15.17	8.16	2.198	71.75	24.41	4.578	27.04	23.67	56.86	56.57	0	0	26.32	1.632	0.006	15.6
12/29/2012 2:00	30070	3.353	62.44	28.06	8.16	0.799	44.03	24.21	4.578	26.23	23.2	58.63	57	0	0	26.32	1.629	-0.003	12.37
12/29/2012 3:00	30071	4.467	47.8	10.87	8.16	0.989	42.67	11.54	4.578	26.02	23.33	58.91	58.01	0	0	26.33	1.626	-0.003	11.32
12/29/2012 4:00	30072	3.195	16.82	17.74	8.16	0.37	356.3	13.42	4.578	24.25	20.91	61.51	61.44	0	0	26.35	1.626	0	16.08
12/29/2012 5:00	30073	3.355	5.912	18.85	8.16	1.055	350.3	33.14	6.368	23.59	21.16	63.48	62.15	0	0	26.36	1.629	0.003	16.25
12/29/2012 6:00	30074	3.926	355	17.9	9.95	1.17	354.2	10.07	6.368	24.56	19.49	61.14	64.03	0	0	26.35	1.629	0	16.25
12/29/2012 7:00	30075	5.747	7.536	14.49	9.95	2.641	356.8	16.51	8.16	23.69	22.59	62.59	60.13	0	0	26.37	1.629	0	11.79
12/29/2012 8:00	30076	3.857	304.9	60.51	8.16	1.5	283.3	44.54	4.578	21.11	19.61	66.49	63.31	0	0.736	26.4	1.629	0	11.77
12/29/2012 9:00	30077	2.256	327.6	29.09	6.368	0.291	304.8	8.38	2.789	18.45	16.49	68.51	65.81	0	51.12	26.42	1.629	0	15.41
12/29/2012 10:00	30078	1.559	292.4	19.87	6.368	0.42	300	9.01	4.578	29.65	28.85	56.78	54.43	0	224.8	26.45	1.632	0.003	11.76
12/29/2012 11:00	30079	2.317	213.2	28.61	8.16	1.016	219.5	20.57	6.368	39.62	39.62	41.43	39.2	0	390.8	26.54	1.631	-0.001	11.91
12/29/2012 12:00	30080	4.911	261.4	29.93	9.95	3.714	260.7	29.88	8.16	43.3	43.89	32.3	29.59	0	618.9	26.62	1.63	-0.001	11.99
12/29/2012 13:00	30081	4.661	235.2	63.72	9.95	3.37	242.9	61.08	8.16	45.63	46.23	28.57	26.11	0	659.5	26.64	1.627	-0.003	16.73
12/29/2012 14:00	30082	6.435	179.4	40.69	13.52	4.591	184.2	40.24	11.74	46.99	48.17	29.49	26.64	0	663.4	26.61	1.623	-0.003	16.84
12/29/2012 15:00	30083	9.34	174	21.31	17.1	6.605	178.1	24.92	13.52	47.45	49.04	29.2	25.98	0	589.9	26.59	1.623	0	11.92
12/29/2012 16:00	30084	9.24	173.3	24.4	17.1	6.368	176.3	28.31	13.52	48.29	49.65	28.65	25.6	0	456.4	26.57	1.623	0	12.03
12/29/2012 17:00	30085	10.81	157	18.08	18.89	7.186	159.3	21.93	13.52	47.96	49.15	28.25	25.45	0	274.4	26.54	1.63	0.006	15.76
12/29/2012 18:00	30086	10.98	144.1	10	18.89	6.617	145	15.72	13.52	45.01	44.97	30.27	28.3	0	67.54	26.5	1.624	-0.006	16.76
12/29/2012 19:00	30087	8.08	131	5.597	9.95	3.54	121	13.88	6.368	38.9	36.4	35.68	35.59	0	0.293	26.47	1.624	0	16.69
12/29/2012 20:00	30088	9.32	123.9	5.489	11.74	4.619	117.4	12.79	8.16	35.96	33.75	38.14	37.86	0	0	26.43	1.628	0.003	15.38
12/29/2012 21:00	30089	8.63	123	5.294	11.74	4.296	116.1	12.89	8.16	34.59	32.57	39.53	39.13	0	0	26.41	1.622	-0.006	16.71
12/29/2012 22:00	30090	8.37	127.7	7.324	11.74	3.965	121.3	14.15	8.16	32.54	30.61	41.68	41.17	0	0	26.4	1.622	0	11.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/29/2012 23:00	30091	7.676	130.6	6.45	9.95	3.533	120.8	13.97	6.368	31.34	29.29	42.94	42.63	0	0	26.39	1.622	0	16.56
12/30/2012 0:00	30092	6.902	118.3	5.697	9.95	3.09	93.7	11.41	6.368	30.27	27.56	44.11	44.49	0	0	26.38	1.625	0.003	16.57
12/30/2012 1:00	30093	8.17	123.5	8.81	15.31	4.013	114	16.57	8.16	30.35	28.38	43.84	43.58	0	0	26.36	1.625	0	15.97
12/30/2012 2:00	30094	10.68	131.2	7.149	15.31	6.107	129.6	14.13	11.74	32.58	31.55	40.83	39.51	0	0	26.34	1.625	0	11.89
12/30/2012 3:00	30095	9.31	125.8	9.45	15.31	5.299	122.5	16.21	9.95	31.42	30.61	42.48	40.67	0	0	26.33	1.625	0	16.55
12/30/2012 4:00	30096	7.095	107	7.411	11.74	4.192	97.5	13.71	8.16	29.7	28.9	45.29	43.28	0	0	26.32	1.625	0	11.5
12/30/2012 5:00	30097	6.947	107.9	7.51	9.95	3.994	99.7	13.95	6.368	29.04	28.29	47.15	44.96	0	0	26.31	1.625	0	11.76
12/30/2012 6:00	30098	6.482	96.1	8.33	9.95	3.509	85.6	15.38	6.368	28.32	27.37	49.6	47.33	0	0	26.29	1.628	0.003	11.83
12/30/2012 7:00	30099	7.169	89	6.262	11.74	3.972	79.65	13.75	8.16	28.64	27.92	51.16	48.47	0	0	26.28	1.625	-0.003	11.87
12/30/2012 8:00	30100	5.905	94.8	12.18	9.95	3.449	84.5	17.07	6.368	29.52	28.95	51.55	48.81	0	0.177	26.29	1.625	0	16.18
12/30/2012 9:00	30101	8.52	129.3	29.01	18.89	5.124	126.4	36.64	15.31	32.68	32.25	46.56	44.27	0	24.33	26.3	1.625	0	11.53
12/30/2012 10:00	30102	13.66	161.7	9.44	20.68	8.56	163.6	14.97	17.1	36.33	36.4	41.28	38.63	0	94.1	26.32	1.628	0.003	12.06
12/30/2012 11:00	30103	13.66	162.8	9.24	22.47	8.5	164.8	14.84	18.89	37.05	37.23	39.74	37	0	98	26.33	1.625	-0.003	16.53
12/30/2012 12:00	30104	13.5	168.6	10.23	22.47	8.36	171.2	15.8	15.31	38.25	38.57	37.78	35.04	0	120	26.33	1.625	0	11.41
12/30/2012 13:00	30105	11.37	179	9.93	17.1	7.187	182.5	15.35	13.52	39.48	39.87	36.62	33.87	0	128.3	26.31	1.628	0.003	11.93
12/30/2012 14:00	30106	12.38	169.4	11.76	18.89	7.865	172.4	17.03	15.31	40.63	41.23	35.61	32.71	0	154.3	26.27	1.624	-0.003	11.97
12/30/2012 15:00	30107	12.21	163	11.94	18.89	7.713	165.5	16.6	13.52	41.46	41.89	34.85	32.18	0	126.7	26.25	1.624	0	11.43
12/30/2012 16:00	30108	10.47	160.9	11.04	15.31	6.501	162.2	15.86	11.74	42.13	42.46	34.39	31.82	0	113.8	26.23	1.624	0	12.03
12/30/2012 17:00	30109	9.64	155.8	9.82	15.31	6.218	157.4	14.42	11.74	43.5	43.8	34.51	31.97	0	102.1	26.22	1.621	-0.003	14.94
12/30/2012 18:00	30110	10.07	146.2	8.59	15.31	6.296	147.6	13.89	11.74	43.06	42.99	38.96	36.35	0	14.61	26.22	1.621	0	11.48
12/30/2012 19:00	30111	8.25	160.4	11.89	13.52	4.936	161.9	16.4	9.95	41.82	41.61	42.52	39.88	0	0.111	26.21	1.621	0	11.56
12/30/2012 20:00	30112	10.48	145.2	8.79	18.89	6.586	146.4	14.14	13.52	40.01	39.91	44.94	42.49	0	0.006	26.21	1.621	0	16.59
12/30/2012 21:00	30113	12.13	121.2	12.1	20.68	7.482	119.1	18.68	17.1	36.57	36.19	63.32	62.89	0.01	0.001	26.17	1.625	0.003	11.88
12/30/2012 22:00	30114	12.64	153.2	29.52	22.47	7.753	155.1	33.88	17.1	34.64	34.3	74.25	72.02	0.04	0.001	26.18	1.621	-0.003	11.53
12/30/2012 23:00	30115	7.522	199.1	23.93	15.31	4.762	200.8	25.5	9.95	58.29	33.17	85.2	80.8	0.08	0	26.18	1.625	0.003	11.86
12/31/2012 0:00	30116	4.389	179.8	23.59	8.16	1.952	184.7	20.44	6.368	40.35	33.19	87.4	83.1	0.04	0	26.17	1.621	-0.003	16.21
12/31/2012 1:00	30117	3.765	183.6	45.25	11.74	1.928	181.7	43.82	6.368	21.28	33.69	88.1	84.6	0.06	0	26.15	1.621	0	11.96
12/31/2012 2:00	30118	4.168	111.2	18.8	9.95	2.6	106.9	21.65	8.16	60.79	34.23	88.9	86.3	0	0	26.12	1.621	0	11.68
12/31/2012 3:00	30119	5.251	124.9	13.76	11.74	2.517	118.1	15.43	8.16	60.85	34.39	88	86.6	0	0.001	26.1	1.625	0.003	15.64
12/31/2012 4:00	30120	3.972	169.4	51.14	11.74	1.617	196.3	51.98	9.95	58.5	34.5	88	87.3	0	0	26.1	1.621	-0.003	11.96
12/31/2012 5:00	30121	3.369	215.4	63.75	9.95	1.816	234.6	64.45	8.16	53.26	35.07	87.9	87.8	0	0	26.1	1.621	0	11.91
12/31/2012 6:00	30122	2.794	200.1	23.96	6.368	0.334	216.9	14.48	2.789	70.46	34.04	88.2	87.8	0	0	26.1	1.621	0	11.39
12/31/2012 7:00	30123	4.655	207.5	17.03	8.16	0.614	220.3	9.46	4.578	59.34	32.41	87.9	88.6	0	0	26.1	1.622	0	15.5
12/31/2012 8:00	30124	4.169	222.3	20.98	6.368	0.518	232.5	16.31	2.789	46.22	31.26	88.8	88.9	0	0.803	26.12	1.625	0.003	15.82
12/31/2012 9:00	30125	5.347	227.5	17.97	13.52	2.85	233.9	17.94	9.95	44.48	32.29	89.1	89.5	0	95.5	26.13	1.622	-0.003	16.45
12/31/2012 10:00	30126	9.01	237	10.75	15.31	7.048	237.3	11.37	11.74	47.49	39.37	79.63	79.21	0	289.8	26.18	1.621	-0.001	11.97
12/31/2012 11:00	30127	17.74	271.9	11.09	33.21	14.08	269.9	13.64	27.84	47.45	46.54	59.5	58.48	0	471.4	26.23	1.624	0.003	13.66
12/31/2012 12:00	30128	20.78	267.2	11.07	34.99	16.42	265.8	12.86	29.63	52.84	51.5	44.29	43.53	0	569.7	26.27	1.62	-0.004	15
12/31/2012 13:00	30129	21.29	258.3	10.39	31.42	16.93	257.9	12.51	27.84	57.07	52.31	40.77	39.97	0	646.3	26.28	1.623	0.003	11.47
12/31/2012 14:00	30130	19.95	260.6	11.88	31.42	16.02	259.3	13.04	27.84	57.08	52.22	41.87	40.65	0	536	26.26	1.627	0.003	12.6
12/31/2012 15:00	30131	20.86	257.8	11.22	34.99	16.81	257.3	12.65	29.63	56.91	52.87	38.22	37.25	0	462.1	26.23	1.623	-0.003	11.44
12/31/2012 16:00	30132	21.19	261.3	10.39	34.99	16.68	260.3	11.96	29.63	34.97	53.04	35.33	34.41	0	357.3	26.23	1.623	0	16.65
12/31/2012 17:00	30133	20.61	263.6	10.46	36.78	16.35	262.9	12.65	27.84	-5.05	52.25	34.81	34.02	0	222.8	26.24	1.624	0	14.94
12/31/2012 18:00	30134	19.94	264.6	9.61	33.21	15.65	263.3	11.36	27.84	-1.547	51	34.62	33.94	0	97	26.24	1.624	0	11.99
12/31/2012 19:00	30135	11.23	280.3	9.08	20.68	8.26	280.5	12.58	17.1	-59.92	46.4	41.65	41.59	0	1.302	26.23	1.624	0	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/31/2012 20:00	30136	10.8	285.1	6.6	17.1	7.879	286	9.47	13.52	-84.7	43.42	48.8	48.83	0	0.009	26.21	1.621	-0.003	16.27
12/31/2012 21:00	30137	13.58	286.9	7.026	20.68	10.48	286.4	10.05	17.1	-15.61	43.64	48.94	48.2	0	0.006	26.21	1.621	0	11.96
12/31/2012 22:00	30138	11.46	285.9	8.82	20.68	8.81	285.1	11.28	15.31	2.045	44	48.89	47.89	0	0.014	26.22	1.621	0	11.5
12/31/2012 23:00	30139	7.908	279.5	10.62	15.31	5.817	278.7	12.26	11.74	6.062	43.7	48.37	47.71	0	0.009	26.24	1.621	0	16.66
1/1/2013 0:00	30140	4.291	259.5	21.14	9.95	1.899	250.6	20.36	8.16	8.12	42.22	50.19	50.22	0	0.005	26.25	1.621	0	11.99
1/1/2013 1:00	30141	4.628	265.5	12.81	9.95	2.492	256.7	17.3	6.368	9.81	40.78	54.41	54.72	0	0.003	26.26	1.628	0.007	15.77
1/1/2013 2:00	30142	6.875	279.8	9.76	11.74	4.997	279.8	12.75	8.16	7.695	40.51	57.11	56.07	0	0.003	26.25	1.621	-0.006	11.99
1/1/2013 3:00	30143	8.7	280	9.54	13.52	6.256	281.6	12.62	11.74	-11.35	38.76	59.13	57.69	0	0.002	26.26	1.621	0	13.39
1/1/2013 4:00	30144	5.645	300.2	24.24	11.74	2.832	306.2	27.62	8.16	-37.71	34.86	62.76	62.8	0	0	26.27	1.628	0.006	16
1/1/2013 5:00	30145	7.283	23.77	27.59	11.74	3.993	22.88	26.73	8.16	-28.87	32.29	75.4	71.1	0	0	26.26	1.622	-0.006	11.87
1/1/2013 6:00	30146	7.359	42.16	9.86	13.52	3.809	38.91	11.22	8.16	-24.3	30.44	86	80.5	0	0	26.26	1.619	-0.003	12.01
1/1/2013 7:00	30147	8.41	33.36	11.09	15.31	4.369	31.45	11.63	9.95	-3.508	28.39	87	81.5	0	0	26.27	1.619	0	11.96
1/1/2013 8:00	30148	7.768	26.51	16.44	15.31	4.163	23.9	19.43	8.16	42.12	27.47	88.6	83.7	0	0.361	26.3	1.619	0	11.91
1/1/2013 9:00	30149	7.336	7.467	17.3	13.52	4.559	1.072	20.45	9.95	40.97	27.45	88.7	84.6	0	23.34	26.32	1.619	0	15.59
1/1/2013 10:00	30150	7.372	21.06	15.84	13.52	4.114	17.94	19.88	9.95	35.62	28.26	88.8	85.1	0	118.8	26.34	1.619	0	12.63
1/1/2013 11:00	30151	6.942	15.05	19.75	11.74	4.277	10.41	23.14	9.95	37.62	30.94	86.7	81.8	0	353.8	26.38	1.621	0.003	11.97
1/1/2013 12:00	30152	7.17	8.17	18.13	11.74	4.809	3.013	22.45	9.95	23.67	37.36	70.07	62.84	0	598.4	26.44	1.621	-0.001	12.16
1/1/2013 13:00	30153	10.19	355.4	14.76	17.1	7.415	350.1	17.09	17.1	51.97	41.36	52.84	49.33	0	667.9	26.46	1.62	-0.001	12.68
1/1/2013 14:00	30154	10.5	330.6	17.46	17.1	8.13	328.1	17.97	15.31	35.2	43.92	46.21	43.27	0	592.3	26.45	1.62	0	12.01
1/1/2013 15:00	30155	9.8	325.6	17.14	15.31	7.597	324.1	17.5	13.52	49.73	45.08	43.66	40.78	0	562.1	26.43	1.623	0.003	12.16
1/1/2013 16:00	30156	7.323	336.6	23.04	13.52	5.488	333.1	23.76	11.74	57.68	45.88	42.38	39.65	0	392	26.42	1.62	-0.003	11.99
1/1/2013 17:00	30157	7.501	36.91	28.07	11.74	4.84	32.38	30.87	9.95	56.85	44.39	45.24	42.49	0	177.5	26.41	1.621	0	12.02
1/1/2013 18:00	30158	8.71	66.69	7.861	11.74	5.762	62.68	12.92	9.95	54.32	40.85	50.82	48.34	0	42.34	26.37	1.621	0	12.06
1/1/2013 19:00	30159	8.91	74.69	7.225	13.52	5.455	67.14	14.12	9.95	51.33	36.79	57.26	55.24	0	0.3	26.35	1.621	0.001	11.62
1/1/2013 20:00	30160	9.04	80.2	8.65	11.74	5.415	74.87	16.45	9.95	48.83	34.49	61.02	58.73	0	0.001	26.35	1.621	0	11.99
1/1/2013 21:00	30161	9.92	69.28	6.254	13.52	6.459	62.76	12.04	11.74	47.06	32.93	64.75	61.91	0	0	26.34	1.622	0	11.68
1/1/2013 22:00	30162	10.72	67.36	6.937	15.31	7.121	63.07	12.73	11.74	46.26	32.45	65.81	62.52	0	0	26.34	1.622	0	14.69
1/1/2013 23:00	30163	9.71	66	7.703	13.52	6.493	63.22	12.86	11.74	44.84	31.09	70.38	66.43	0	0	26.34	1.622	0	11.88
1/2/2013 0:00	30164	7.97	70.38	10.33	11.74	5.071	66.67	15.3	9.95	44	30.19	72.31	68.46	0	0	26.35	1.619	-0.003	11.93
1/2/2013 1:00	30165	6.68	72.1	8.57	11.74	4.022	66.82	14.06	8.16	42.76	29	74.72	70.78	0	0	26.34	1.619	0	11.93
1/2/2013 2:00	30166	6.385	74.15	10.84	9.95	3.703	67.98	15.86	8.16	42.2	28.27	75.73	72.05	0	0	26.34	1.619	0	11.83
1/2/2013 3:00	30167	6.149	63.12	11.83	9.95	3.526	59.31	15.82	8.16	41.8	27.66	76.65	72.96	0	0	26.35	1.622	0.003	16.64
1/2/2013 4:00	30168	6.263	76.98	11.69	9.95	3.794	70.26	15.7	8.16	40.75	26.75	76.84	73.18	0	0	26.34	1.622	0	11.42
1/2/2013 5:00	30169	4.355	69.31	15.32	8.16	1.742	61.02	12.88	6.368	40.04	25.96	75.7	72.81	0	0	26.33	1.619	-0.003	16.4
1/2/2013 6:00	30170	5.135	62.41	23.42	13.52	1.961	45.44	13.77	11.74	39.77	25.53	74.65	72.25	0	0	26.32	1.625	0.007	15.84
1/2/2013 7:00	30171	4.968	53.09	20.14	11.74	2.264	55.02	19.71	8.16	38.22	24.22	77.5	73.97	0	0	26.32	1.625	0	11.8
1/2/2013 8:00	30172	6.634	28.08	13.8	11.74	3.315	29.67	13.19	8.16	37.63	24.24	79.01	74.73	0	0.825	26.34	1.629	0.003	11.83
1/2/2013 9:00	30173	5.76	22.53	14.2	11.74	2.746	22.61	17	6.368	39.38	25.55	78.25	73.64	0	58.82	26.35	1.629	0	16.24
1/2/2013 10:00	30174	3.621	14.27	19.19	8.16	1.626	5.235	18.13	6.368	47.48	32.41	67.94	63.13	0	288.5	26.39	1.628	-0.001	11.87
1/2/2013 11:00	30175	3.61	282.7	42.05	8.16	2.494	282.9	27.77	8.16	53.72	38.16	58.17	53.52	0	461	26.48	1.627	-0.001	13.31
1/2/2013 12:00	30176	5.389	256.4	27.34	9.95	4.257	256.2	29.96	8.16	55.75	40.58	54.18	49.54	0	587.8	26.51	1.627	0	16.7
1/2/2013 13:00	30177	5.504	271.6	33.22	11.74	4.316	271.3	33.91	9.95	59.19	43.91	50.72	46.54	0	649.9	26.5	1.623	-0.003	11.95
1/2/2013 14:00	30178	4.818	270.2	42.88	9.95	3.86	268	41.13	9.95	62.3	46.78	45.46	42.12	0	643.6	26.49	1.62	-0.003	12.04
1/2/2013 15:00	30179	4.209	293.8	66.97	9.95	3.181	292.2	64.16	8.16	64.65	48.9	39.25	36.66	0	578.1	26.47	1.62	0	16.62
1/2/2013 16:00	30180	4.612	236.2	60.52	9.95	3.383	240.3	55.91	9.95	64.65	49.38	37.41	34.77	0	451.5	26.47	1.62	0	16.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/2/2013 17:00	30181	3.756	289.8	50.54	8.16	2.578	290.1	41.66	8.16	64.57	49.39	36.7	34.06	0	278	26.45	1.62	0	12.03
1/2/2013 18:00	30182	1.935	145.9	64.59	6.368	0.602	122	24.19	4.578	62.41	47.26	38.03	36.2	0	76.08	26.43	1.62	0	11.6
1/2/2013 19:00	30183	2.781	50.02	19.08	6.368	0.939	67.4	10.67	4.578	56.82	40.86	45.49	46.72	0	0.68	26.39	1.621	0	11.99
1/2/2013 20:00	30184	6.092	45.1	12.12	9.95	3.113	49.4	14.79	6.368	54.52	38.55	50.65	50.87	0	0	26.37	1.618	-0.003	11.75
1/2/2013 21:00	30185	7.753	59.61	9.09	15.31	4.504	64.52	13.28	11.74	51.59	35.46	55.46	55.9	0	0	26.38	1.618	0	16.68
1/2/2013 22:00	30186	10.28	67.07	9.48	15.31	6.44	61.88	12.95	11.74	48.61	33.78	57.88	55.67	0	0	26.39	1.618	0	11.97
1/2/2013 23:00	30187	9.49	54.47	8.53	15.31	5.838	51.73	12.99	9.95	47.29	32.86	60.83	57.76	0	0	26.4	1.618	0	11.96
1/3/2013 0:00	30188	10.3	58.76	8.24	15.31	6.735	55.3	13.23	11.74	47.31	32.99	61.52	58.09	0	0	26.41	1.618	0	11.98
1/3/2013 1:00	30189	10.15	57.61	8.11	15.31	6.529	54.39	12.81	11.74	47.87	33.26	62.12	58.62	0	0	26.41	1.618	0	11.94
1/3/2013 2:00	30190	9.89	60.64	9.03	15.31	6.439	57.11	13.44	11.74	47.57	32.97	63.05	59.32	0	0	26.42	1.618	0	16.76
1/3/2013 3:00	30191	10.75	69.92	6.989	15.31	7.316	63.98	12.76	11.74	47.54	32.99	62.44	58.79	0	0	26.43	1.618	0	11.96
1/3/2013 4:00	30192	12.34	64.35	7.744	20.68	8.33	61	13.03	15.31	47.67	33.09	61.63	57.99	0	0	26.43	1.618	0	12.03
1/3/2013 5:00	30193	12.49	70.67	8.02	20.68	8.44	65.62	14.18	15.31	47.64	33.08	61.21	57.57	0	0	26.44	1.618	0	11.98
1/3/2013 6:00	30194	11.58	76.25	9.21	18.89	7.491	71.13	15.64	13.52	46.79	32.37	61.06	57.43	0	0	26.45	1.618	0	11.96
1/3/2013 7:00	30195	11.82	66.83	7.947	18.89	7.99	61.91	13.77	15.31	45.56	31.37	62.66	58.81	0	0	26.46	1.618	0	11.96
1/3/2013 8:00	30196	12.28	62.32	8.19	18.89	8.08	58.55	14.02	17.1	45.12	30.81	65.42	61.23	0	0.219	26.48	1.622	0.003	14.01
1/3/2013 9:00	30197	12.47	60.99	8.87	18.89	8.12	56.48	14.23	15.31	44.81	30.52	66.66	62.32	0	15.78	26.49	1.619	-0.003	11.96
1/3/2013 10:00	30198	13.28	67.41	7.978	20.68	8.96	62.28	13.64	15.31	44.53	30.41	66.6	62.07	0	46.15	26.51	1.619	0	11.98
1/3/2013 11:00	30199	11.37	84.6	12.25	20.68	7.766	81.1	19.23	17.1	45.06	31	64.76	60.32	0	81.6	26.54	1.619	0	11.97
1/3/2013 12:00	30200	10.42	99	11.72	17.1	7.317	97.3	19.12	13.52	45.86	32.01	66.33	61.31	0	175.9	26.55	1.618	0	11.97
1/3/2013 13:00	30201	9.24	80.7	12.35	13.52	6.384	76.01	18.92	9.95	45.41	31.4	80.5	73.66	0	213.3	26.54	1.621	0.003	13.21
1/3/2013 14:00	30202	9.68	97	17.4	15.31	6.58	94.3	23.4	11.74	45.84	31.71	81.1	74.41	0	157.1	26.52	1.618	-0.003	16.12
1/3/2013 15:00	30203	11.04	103.8	9.36	17.1	7.735	102	16.65	13.52	45.59	31.33	77.45	72.09	0	139.3	26.5	1.621	0.003	11.95
1/3/2013 16:00	30204	10.12	88.6	9.68	15.31	6.831	85.9	16.83	11.74	44.53	30.51	82.2	76.56	0	96.5	26.49	1.622	0	12.78
1/3/2013 17:00	30205	9.46	86.7	10.24	15.31	6.115	83	17.63	11.74	43.49	30.08	85.4	79.75	0	95.8	26.5	1.619	-0.003	11.9
1/3/2013 18:00	30206	8.18	78.22	10.88	15.31	5.158	73.77	17.2	11.74	41.44	29.69	84.5	79.34	0	12.01	26.5	1.619	0	11.99
1/3/2013 19:00	30207	6.604	55.3	12.08	11.74	3.737	50.83	15.97	8.16	40.64	29.56	82.9	78.21	0	0.083	26.48	1.619	0	11.89
1/3/2013 20:00	30208	5.057	111.5	26.53	8.16	2.798	110	29.58	6.368	41.03	29.59	82.5	77.78	0	0	26.5	1.622	0.003	15.76
1/3/2013 21:00	30209	4.721	126.5	16.52	8.16	2.398	128.6	18.57	6.368	38.76	28.97	86.2	80.8	0.01	0	26.51	1.619	-0.003	11.86
1/3/2013 22:00	30210	3.799	109.8	13.85	8.16	1.593	113.7	13.48	4.578	37.7	28.63	87.4	81.9	0.02	0	26.51	1.619	0	11.9
1/3/2013 23:00	30211	4.185	99.4	11.69	8.16	1.778	98.8	13.42	6.368	36.9	28.35	87.9	82.6	0.02	0	26.51	1.619	0	11.89
1/4/2013 0:00	30212	3.033	111.8	16.91	6.368	0.514	101.6	9.94	4.578	36.3	28.14	88.1	83.1	0.01	0	26.52	1.619	0	11.9
1/4/2013 1:00	30213	1.211	94.7	14.23	4.578	0.122	99.3	4.801	2.789	35.76	27.96	88.2	83.5	0.01	0	26.52	1.619	0	11.34
1/4/2013 2:00	30214	0	0	0	0	0.015	74.38	0.81	2.789	35.54	27.88	88.2	83.8	0.02	0	26.51	1.619	0	16
1/4/2013 3:00	30215	0.915	79.22	5.259	4.578	0.106	71.92	3.042	2.789	35.13	27.75	88.1	83.9	0.01	0	26.5	1.622	0.003	13.18
1/4/2013 4:00	30216	2.419	72.29	9.69	4.578	0.225	62.08	3.74	2.789	34.07	27.23	88.1	84	0	0	26.49	1.616	-0.006	12.6
1/4/2013 5:00	30217	1.24	55.35	5.831	4.578	0.015	52.82	0.892	2.789	33.92	27.24	88.1	84.4	0.01	0	26.49	1.619	0.003	15.74
1/4/2013 6:00	30218	0.286	75.99	1.685	4.578	0	0	0	0	33.6	27.09	88.2	84.6	0	0	26.49	1.622	0.003	15.88
1/4/2013 7:00	30219	0.024	70.02	0.879	2.789	0.002	57.08	0.228	2.789	33.37	27.03	88.2	84.8	0	0	26.49	1.619	-0.003	11.61
1/4/2013 8:00	30220	3.014	82.9	5.299	6.368	0.437	79.37	5.509	2.789	33.28	27.02	88.2	85	0	0.289	26.48	1.616	-0.003	11.92
1/4/2013 9:00	30221	0.324	119.7	6.405	4.578	0.016	139.9	1.193	2.789	35.01	27.79	88.1	85.2	0	8.54	26.49	1.619	0.003	11.96
1/4/2013 10:00	30222	3.108	124.8	11.03	6.368	0.804	125.2	10.37	4.578	39.56	29.36	85.9	82.5	0	32.42	26.51	1.619	0	16.48
1/4/2013 11:00	30223	4.402	160.4	16.62	8.16	1.958	167.2	13.88	6.368	43.5	30.17	83.6	78.95	0	37.44	26.53	1.619	0	16.6
1/4/2013 12:00	30224	6.28	162.1	11.34	9.95	3.837	164.3	16.99	8.16	44.5	30.75	82.9	78.21	0	59.15	26.53	1.618	0	16.64
1/4/2013 13:00	30225	6.158	185.1	16.06	9.95	3.917	188.4	18.87	8.16	45.58	31.44	81.2	76.54	0	64.6	26.5	1.621	0.003	11.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/4/2013 14:00	30226	6.834	207.8	9.04	9.95	4.663	210.6	12.39	8.16	45.48	31.21	81.3	76.43	0	61.82	26.47	1.618	-0.003	16.74
1/4/2013 15:00	30227	6.753	221.1	13.09	11.74	4.675	222.9	14.41	8.16	46.06	31.51	80.9	76.04	0	80.3	26.44	1.618	0	11.73
1/4/2013 16:00	30228	6.813	216.5	14.55	11.74	4.439	218.5	16.29	8.16	45.26	31.04	82.4	77.4	0	41	26.43	1.618	0	11.94
1/4/2013 17:00	30229	6.665	206.9	9.31	11.74	4.275	209.2	12.5	8.16	45.26	31.13	84.5	78.76	0	33.35	26.43	1.618	0	16.77
1/4/2013 18:00	30230	7.36	196.1	8.36	9.95	4.634	199.3	12.01	8.16	44.48	30.49	84.5	79.26	0	9.9	26.42	1.618	0	16.68
1/4/2013 19:00	30231	6.438	204.6	13.07	9.95	3.957	206.9	15.37	6.368	44.12	30.09	83.3	79.08	0	0.154	26.41	1.619	0	11.76
1/4/2013 20:00	30232	7.375	208.8	11.68	13.52	4.737	210.4	14.13	9.95	43.89	29.89	83.6	79.27	0	0	26.41	1.619	0	11.96
1/4/2013 21:00	30233	8.98	204.4	9.21	13.52	5.593	205.8	11.79	9.95	43.84	29.82	83.6	79.32	0	0	26.41	1.619	0	11.93
1/4/2013 22:00	30234	7.851	210.2	7.891	13.52	4.916	211.5	11.23	9.95	43.29	29.24	82.7	78.55	0	0	26.41	1.622	0.003	13.23
1/4/2013 23:00	30235	7.979	204.9	8.01	13.52	5.037	207.2	11.14	9.95	42.51	28.63	86.1	81.2	0	0	26.4	1.622	0	13.25
1/5/2013 0:00	30236	9.39	213.6	9.85	17.1	6.246	215.8	11.99	11.74	42.08	28.19	87.3	82.5	0	0	26.39	1.616	-0.006	11.94
1/5/2013 1:00	30237	8.6	218.9	8.55	18.89	5.786	219.9	11.67	11.74	39.28	27.47	88.3	83.7	0	0	26.38	1.616	0	11.34
1/5/2013 2:00	30238	9.39	222.1	7.933	15.31	6.698	223.8	10.33	11.74	31.09	26.25	88.3	84.3	0	0	26.36	1.616	0	16.41
1/5/2013 3:00	30239	8.85	217.3	10.06	15.31	5.987	219.2	12.31	11.74	31.98	26.71	88.3	84.8	0	0	26.36	1.622	0.006	15.52
1/5/2013 4:00	30240	7.685	230.4	11.92	11.74	5.53	231.9	12.88	9.95	31.05	26.21	88.1	84.9	0	0	26.35	1.619	-0.003	11.77
1/5/2013 5:00	30241	7.814	222.5	12.78	11.74	5.457	224.1	13.88	9.95	28.52	24.81	87.4	84.3	0	0	26.34	1.619	0	11.4
1/5/2013 6:00	30242	5.127	233.5	10.27	8.16	3.657	234.1	11.07	6.368	25.91	23.13	86.5	83.3	0	0	26.33	1.616	-0.003	14.97
1/5/2013 7:00	30243	3.781	263.6	13.69	6.368	1.647	262.6	14.5	4.578	22.14	19.98	85.3	81.4	0	0	26.32	1.616	0	13.27
1/5/2013 8:00	30244	4.092	266.7	12.89	6.368	1.591	270.9	14.41	4.578	21.13	18.61	85.1	80.5	0	0.526	26.32	1.626	0.01	11.87
1/5/2013 9:00	30245	0.281	257.3	1.092	4.578	0.261	249.5	4.115	4.578	26.61	21.46	85.8	81.2	0	27.45	26.34	1.629	0.003	11.68
1/5/2013 10:00	30246	0	0	0	0	3.143	284.3	16.35	6.368	42.08	28.32	87.2	83.1	0	74.59	26.39	1.628	-0.001	11.38
1/5/2013 11:00	30247	6.833	289.4	8.55	11.74	5.774	288.2	11.67	9.95	50.5	34.74	84.2	85.1	0	321.5	26.45	1.625	-0.004	11.98
1/5/2013 12:00	30248	7.731	294.1	10.32	11.74	6.365	294.8	13.61	9.95	56.2	39.74	72.92	89.5	0	586.8	26.47	1.627	0.003	12
1/5/2013 13:00	30249	7.578	288.2	16.96	11.74	6.31	286.3	20.46	9.95	61.41	45.09	51.78	52.15	0	646.1	26.49	1.627	0	16.47
1/5/2013 14:00	30250	4.982	269.7	23.85	9.95	4.052	269.5	24.14	9.95	66.07	49.54	44.36	42.75	0	640.2	26.5	1.617	-0.01	11.68
1/5/2013 15:00	30251	4.646	251.8	39.67	9.95	3.724	251.3	39.38	9.95	69.24	52.37	39.12	37.98	0	569.2	26.51	1.617	0	16.87
1/5/2013 16:00	30252	6.135	244.3	30.37	11.74	4.965	244.8	32.05	11.74	69.95	53.21	37.36	36.65	0	448	26.52	1.617	0	13.76
1/5/2013 17:00	30253	6.419	271.3	21.1	13.52	5.249	270.4	23.49	11.74	70.35	53.82	34.47	34.13	0	282.6	26.51	1.617	0	14.68
1/5/2013 18:00	30254	6.004	251.8	12.79	9.95	4.479	252.1	15.56	8.16	67.77	51.05	40.19	39.99	0	86.9	26.5	1.62	0.003	12.05
1/5/2013 19:00	30255	4.122	315.9	19.5	6.368	0.997	296.2	21.54	4.578	62.4	43.7	45.25	51.48	0	0.918	26.47	1.618	-0.003	12.04
1/5/2013 20:00	30256	2.868	327.4	15.26	8.16	0.535	83.2	33.61	2.789	58.14	38.91	52.51	59.51	0	0.001	26.45	1.618	0.001	11.64
1/5/2013 21:00	30257	6.633	320.1	9.44	11.74	3.09	312.8	23.28	8.16	56.08	37.57	61.14	63.95	0	0	26.44	1.618	0	12.29
1/5/2013 22:00	30258	8.75	317.6	8.28	13.52	5.381	312.5	12.01	9.95	53.88	37.36	70.47	69.19	0	0	26.45	1.618	0	12.41
1/5/2013 23:00	30259	9.61	19.88	16.13	17.1	5.145	16.92	18.97	9.95	52.51	36.94	56.61	55.94	0	0	26.46	1.618	0	11.6
1/6/2013 0:00	30260	11.03	23.34	13.42	17.1	5.807	22.04	14.97	11.74	50.14	34.98	56.05	54.15	0	0	26.48	1.618	0	12.36
1/6/2013 1:00	30261	11.54	22.05	13.33	26.05	6.165	20.58	16.41	13.52	47.74	32.91	59.6	57.1	0	0	26.48	1.619	0	11.96
1/6/2013 2:00	30262	12.46	23.3	13.28	18.89	6.573	22.12	14.99	13.52	45.86	31.17	62.76	59.86	0	0	26.48	1.616	-0.003	16.56
1/6/2013 3:00	30263	11.64	23.98	13.38	18.89	6.229	23.52	14.35	11.74	44.69	30.12	64.96	61.7	0	0	26.48	1.616	0	16.71
1/6/2013 4:00	30264	11.33	23.73	13.53	18.89	6.064	22.12	15.64	13.52	43.76	29.29	67.27	63.85	0	0	26.48	1.619	0.003	11.94
1/6/2013 5:00	30265	12	19.43	13.45	20.68	6.637	15.85	18.16	13.52	43.38	28.93	67.92	64.43	0	0	26.48	1.622	0.003	14.67
1/6/2013 6:00	30266	11.77	25.93	13.75	18.89	6.246	24.82	14.35	15.31	42.89	28.43	68.91	65.33	0	0	26.48	1.616	-0.006	11.94
1/6/2013 7:00	30267	9.15	27.49	13.18	17.1	4.9	27.11	13.44	11.74	42.06	27.73	70.07	66.35	0	0	26.49	1.616	0	13.83
1/6/2013 8:00	30268	9.93	23.22	13.27	15.31	5.084	23.91	13.59	9.95	41.58	27.19	70.21	66.67	0	1.495	26.5	1.622	0.006	14.71
1/6/2013 9:00	30269	8.51	27.17	12.45	15.31	4.509	25.92	12.86	9.95	44.19	28.99	67.13	63.5	0	97.6	26.52	1.625	0.003	15.51
1/6/2013 10:00	30270	7.708	49.55	15.93	13.52	4.638	45.61	17.06	8.16	50.58	35.01	59.59	55.79	0	298.6	26.57	1.618	-0.007	11.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/6/2013 11:00	30271	6.795	76.78	15.45	11.74	4.878	70.5	22.59	9.95	55.78	40.13	52.66	49.05	0	468.3	26.64	1.618	-0.001	11.67
1/6/2013 12:00	30272	7.167	112.4	20.2	13.52	5.444	110.6	26.86	11.74	59.76	43.93	46.44	43.65	0	587.8	26.67	1.624	0.006	15.79
1/6/2013 13:00	30273	7.983	156.4	23.97	13.52	5.754	159	29.65	9.95	62.04	46.48	42.26	39.53	0	651	26.66	1.617	-0.006	12.03
1/6/2013 14:00	30274	6.852	186.1	25.18	13.52	5.103	188.4	27.3	9.95	64.34	48.44	39.8	37.33	0	648.6	26.63	1.62	0.003	13.63
1/6/2013 15:00	30275	7.823	209.8	16.28	13.52	6.041	212.8	19.84	11.74	65.28	49.17	38.22	36.2	0	583.2	26.62	1.62	0	13.47
1/6/2013 16:00	30276	6.205	209.1	29.86	11.74	4.818	213.8	31.12	11.74	66.54	50.06	36.66	34.85	0	460	26.59	1.617	-0.003	12.07
1/6/2013 17:00	30277	6.439	183.7	25.39	15.31	4.603	187.5	28.19	15.31	66.32	50.48	36.35	34.38	0	291.1	26.57	1.62	0.003	15.74
1/6/2013 18:00	30278	5.672	171.7	15.99	8.16	3.119	173.2	19.65	8.16	63.35	47.33	38.14	37.78	0	80.5	26.54	1.617	-0.003	15.58
1/6/2013 19:00	30279	4.894	177.5	11.78	6.368	1.292	125.1	24.91	4.578	57.66	38.96	44.79	49.14	0	0.524	26.49	1.615	-0.003	15.76
1/6/2013 20:00	30280	4.534	163.3	8.83	6.368	1.54	95	9.91	4.578	55.21	36.69	46.5	52.38	0	0	26.45	1.615	0	11.82
1/6/2013 21:00	30281	4.575	147.8	11.28	6.368	1.96	80.9	8.88	4.578	54.2	35.55	47.8	53.13	0	0	26.43	1.615	0	12.28
1/6/2013 22:00	30282	6.265	144.5	6.354	8.16	2.742	91.6	7.646	4.578	54.75	34.11	46.44	55.57	0	0	26.41	1.612	-0.003	16.74
1/6/2013 23:00	30283	7.609	120.3	7.995	9.95	3.659	89	9.79	6.368	51.92	32.3	52.34	60.59	0	0	26.39	1.619	0.006	15.54
1/7/2013 0:00	30284	8.18	122.4	5.386	9.95	3.553	103	13.42	6.368	49.75	31.65	54.84	61.01	0	0	26.37	1.612	-0.006	11.96
1/7/2013 1:00	30285	7.858	132.9	5.668	15.31	3.503	124.1	14.09	6.368	49.82	32.64	56.55	60.18	0	0	26.37	1.612	0	11.45
1/7/2013 2:00	30286	6.898	131.5	13.22	9.95	2.897	120.2	21.28	6.368	48.94	32.52	60.96	62.08	0	0	26.36	1.612	0	12.01
1/7/2013 3:00	30287	7.894	127.1	6.338	9.95	3.746	118.9	12.89	6.368	48.49	32.04	61.57	62.46	0	0	26.34	1.616	0.003	11.99
1/7/2013 4:00	30288	8.62	127.9	7.403	15.31	4.502	122.7	14.17	9.95	47.86	31.88	64.15	63.97	0	0	26.32	1.616	0	11.92
1/7/2013 5:00	30289	8.86	120.2	11.97	13.52	5.129	113.5	18.87	9.95	48.58	33.17	62.55	61.22	0	0	26.3	1.616	0	11.94
1/7/2013 6:00	30290	7.623	96.5	9.84	11.74	4.33	86.1	15.52	8.16	45.98	30.48	67.59	66.6	0	0	26.29	1.616	0	11.4
1/7/2013 7:00	30291	9.47	120.1	7.731	15.31	5.477	117.5	15.61	9.95	45.86	30.81	68.31	66.17	0	0	26.27	1.616	0	16.6
1/7/2013 8:00	30292	9.2	113.5	10.52	15.31	5.651	109.8	18.05	9.95	45.76	31	68.97	66.21	0	0.36	26.27	1.619	0.003	12.01
1/7/2013 9:00	30293	5.901	94.4	12.56	9.95	3.504	84.8	16.98	8.16	45.87	31.19	69.31	66.46	0	34.02	26.28	1.616	-0.003	13.7
1/7/2013 10:00	30294	7.546	112.2	17.03	13.52	5.211	109.4	22.59	9.95	48.39	33.8	67.5	64.04	0	128.3	26.3	1.615	0	11.9
1/7/2013 11:00	30295	12.32	140	12.35	18.89	8.09	140.3	17.5	15.31	54.43	39.85	59.03	55.06	0	364.8	26.32	1.615	0	12.18
1/7/2013 12:00	30296	13.84	167.7	13.78	22.47	8.94	170.4	18.65	17.1	60.04	45.52	51.61	47.38	0	543.6	26.36	1.614	0	12.05
1/7/2013 13:00	30297	13.34	160.9	12.42	18.89	8.82	162.8	17.59	15.31	62.2	47.57	47.82	44.01	0	512	26.36	1.614	0	16.77
1/7/2013 14:00	30298	11.94	140.5	15.51	18.89	8.2	141.4	20.58	15.31	64.31	49.57	44.76	41.23	0	597.8	26.31	1.617	0.003	13.73
1/7/2013 15:00	30299	11.43	144.8	18.77	18.89	7.82	147.3	23.37	17.1	67.04	52.14	40.16	36.91	0	560.6	26.31	1.614	-0.003	12.05
1/7/2013 16:00	30300	11.17	150.8	18.94	18.89	7.621	153.7	23.49	15.31	67.89	52.82	37.42	34.55	0	436.9	26.31	1.614	0	11.93
1/7/2013 17:00	30301	12.38	140.1	11.99	18.89	8.07	141.2	17.78	15.31	66.89	51.99	37.9	35.29	0	286.4	26.29	1.614	0	11.93
1/7/2013 18:00	30302	9.29	128.7	12.26	15.31	5.704	128.2	17.89	11.74	63.71	48.41	41.61	39.98	0	73.91	26.26	1.617	0.003	14.5
1/7/2013 19:00	30303	8.34	119.4	8.75	13.52	4.18	114.7	14.34	8.16	58.39	41.97	50.28	50.82	0	0.66	26.23	1.611	-0.006	14.39
1/7/2013 20:00	30304	7.501	112.6	14.03	11.74	3.825	101.2	21.16	8.16	56.27	39.93	54.67	55.46	0	0.001	26.21	1.612	0.001	12.02
1/7/2013 21:00	30305	6.702	115.1	11.02	9.95	3.114	101.9	19.1	6.368	53.38	37.01	59.49	60.14	0	0.001	26.19	1.612	0	16.13
1/7/2013 22:00	30306	5.63	106.3	9.49	8.16	2.819	79.47	14.34	6.368	51.34	35.01	62.71	63.58	0	0	26.18	1.612	0	11.67
1/7/2013 23:00	30307	7.952	89	8.75	11.74	3.902	73.63	12.35	6.368	51.47	34.26	62.5	65.44	0	0	26.16	1.612	0	14.46
1/8/2013 0:00	30308	8.98	79.69	8.16	11.74	4.544	74.05	15.98	8.16	49.33	33.61	65.91	66.09	0	0	26.15	1.612	0	11.92
1/8/2013 1:00	30309	7.094	54.34	9.42	17.1	3.568	49.82	12.32	8.16	46.91	31.79	69.98	69	0	0	26.14	1.612	0	11.41
1/8/2013 2:00	30310	6.697	48.91	9.55	9.95	3.409	45.29	12.84	6.368	45.92	31.41	72.36	70.1	0	0	26.12	1.612	0	16.68
1/8/2013 3:00	30311	7.824	61.84	10.07	11.74	4.577	57.24	12.73	8.16	45.09	30.73	74.29	71.52	0	0	26.12	1.612	0	16.62
1/8/2013 4:00	30312	8.02	67.24	6.563	11.74	4.686	58.57	11.59	8.16	43.84	29.5	76.81	73.96	0	0	26.11	1.612	0	11.89
1/8/2013 5:00	30313	6.926	55.82	14.23	9.95	3.767	50.53	15	8.16	45.14	30.96	76.52	73.44	0	0	26.1	1.612	0	11.94
1/8/2013 6:00	30314	4.687	35.17	17.65	8.16	2.054	31.03	20.27	6.368	45.14	31.25	78.53	74.3	0	0	26.1	1.612	0	16
1/8/2013 7:00	30315	7.095	61.54	8.64	11.74	4.446	57.73	13.57	8.16	45.99	32.18	79.02	74.92	0	0	26.11	1.612	0	12.3

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/8/2013 8:00	30316	6.062	62.01	9.98	9.95	3.723	56.92	13.88	8.16	46.54	32.73	79.45	75.24	0	0.303	26.13	1.612	0	12.59
1/8/2013 9:00	30317	5.495	48.24	11.59	8.16	2.929	45.05	12.88	6.368	47.3	33.53	78.75	74.5	0	13.8	26.16	1.612	0	16.23
1/8/2013 10:00	30318	5.174	44.04	12.31	8.16	2.652	40.34	12.13	4.578	48.41	34.66	77.61	73.05	0	47.57	26.18	1.612	0	16.69
1/8/2013 11:00	30319	5.462	42.8	13.95	8.16	2.937	39.02	13.78	6.368	50.37	36.52	76.72	71.91	0	107.8	26.19	1.612	0	11.99
1/8/2013 12:00	30320	4.557	46.31	23.05	9.95	2.549	44.86	21.83	8.16	53.02	39.1	74.41	69.43	0	142.6	26.2	1.612	0	16.07
1/8/2013 13:00	30321	2.408	28.52	21.13	6.368	1.359	22.96	23.88	4.578	55.11	40.95	72.14	67.37	0	158.9	26.2	1.611	0	12.01
1/8/2013 14:00	30322	3.714	129.8	71.79	9.95	2.539	154.4	72.01	8.16	56.65	42.53	71.35	66.51	0	188.4	26.18	1.614	0.003	15.77
1/8/2013 15:00	30323	4.81	203.4	22.39	9.95	3.401	207.9	23.95	8.16	57	42.98	72.76	67.55	0	171	26.18	1.611	-0.003	12.02
1/8/2013 16:00	30324	6.359	147.3	27.42	15.31	4.418	148.8	32.68	9.95	57.32	43.65	73.03	67.51	0	153.6	26.18	1.614	0.003	12.01
1/8/2013 17:00	30325	5.421	144.5	32.89	11.74	3.731	148.4	36.13	9.95	57.81	43.94	73.23	67.86	0	147.2	26.19	1.611	-0.003	11.74
1/8/2013 18:00	30326	7.257	141.5	12.11	13.52	4.597	142.9	16.95	9.95	56.65	42.7	77.59	72.35	0	17.46	26.21	1.611	0	16.58
1/8/2013 19:00	30327	1.953	64.05	36.57	6.368	0.877	48.11	27.66	4.578	56.49	42.37	78.89	74.06	0	0.363	26.2	1.611	0	16.25
1/8/2013 20:00	30328	5.367	33.44	30.92	13.52	3.194	25.04	33.05	11.74	56.22	42.09	79.64	75	0	0.014	26.2	1.612	0	16.62
1/8/2013 21:00	30329	8.4	21.84	15.86	15.31	4.811	16.88	20.21	11.74	56.18	42.06	80	75.41	0	0.004	26.22	1.612	0	13.05
1/8/2013 22:00	30330	7.378	21.49	14.3	13.52	4.17	18.18	18.14	11.74	56.96	42.79	79.4	74.97	0	0.007	26.24	1.615	0.003	15.83
1/8/2013 23:00	30331	6.009	28.77	14.96	13.52	2.995	25.94	16.5	8.16	57.13	42.97	78.38	73.98	0	0.009	26.27	1.611	-0.003	13.52
1/9/2013 0:00	30332	6.517	31.42	15.19	11.74	3.555	26.87	16.87	9.95	57.08	42.98	78.13	73.76	0	0.008	26.3	1.611	0	11.97
1/9/2013 1:00	30333	7.872	32.73	18.24	20.68	4.392	28.8	20.78	13.52	57.36	43.27	78.07	73.7	0	0.01	26.3	1.611	0	11.48
1/9/2013 2:00	30334	11.11	16.45	13.12	18.89	6.723	10.11	19.11	13.52	56.8	42.81	78.81	74.3	0	0.007	26.3	1.611	0	16.54
1/9/2013 3:00	30335	10.53	9.96	13.21	18.89	6.717	2.948	18.03	15.31	56.24	42.29	79.44	74.92	0	0.005	26.3	1.618	0.006	15.8
1/9/2013 4:00	30336	11.53	1.771	10.59	20.68	7.835	354.2	13.44	15.31	55.32	41.46	79.48	75.11	0	0.006	26.32	1.612	-0.006	12.07
1/9/2013 5:00	30337	13.98	359.9	8.84	20.68	9.58	352.6	11.41	17.1	54.4	40.72	79.57	75.11	0	0.009	26.31	1.612	0	12
1/9/2013 6:00	30338	15.19	6.222	10.51	24.26	10.24	357.5	14.11	18.89	52.93	39.48	76.05	71.71	0	0.006	26.33	1.612	0	15.91
1/9/2013 7:00	30339	15.56	5.55	10.27	24.26	10.4	357.2	14.54	18.89	52.1	38.79	75.92	71.29	0	0.003	26.34	1.612	0	14.48
1/9/2013 8:00	30340	13.82	19.65	13.78	24.26	7.717	17.92	17.94	20.68	51.71	38.59	72.33	67.96	0	0.148	26.36	1.612	0	16.1
1/9/2013 9:00	30341	12.87	16.5	13.56	22.47	7.63	13.38	18.66	15.31	50.4	37.64	74.26	69.95	0	9.12	26.39	1.612	0	11.79
1/9/2013 10:00	30342	14.05	21.17	14.08	24.26	7.752	19.18	17.14	18.89	64.53	36.88	85.1	80.6	0.02	43.71	26.42	1.615	0.003	11.91
1/9/2013 11:00	30343	17.16	21.27	13.32	26.05	9.4	18.89	16.62	18.89	70.97	38.13	83.1	80.4	0.03	80.2	26.41	1.612	-0.003	16.63
1/9/2013 12:00	30344	16.37	18.65	14.13	26.05	9.29	16.06	18.02	22.47	59.99	39.46	78.28	75.62	0.01	100.6	26.39	1.612	0	16.44
1/9/2013 13:00	30345	16.55	21.2	13.5	27.84	9.25	18.83	17.27	18.89	75.92	40.15	75.92	72.26	0	110.1	26.35	1.615	0.003	15.73
1/9/2013 14:00	30346	14.76	23.84	13.78	29.63	8.12	21.23	16.7	15.31	69.33	39.66	77.58	74.02	0.05	73.28	26.33	1.612	-0.003	11.95
1/9/2013 15:00	30347	15.08	15.5	14.75	26.05	9.07	10.41	19.05	18.89	55	40.13	76.99	73.96	0.05	74.55	26.3	1.612	0	11.94
1/9/2013 16:00	30348	19.03	4.98	11.42	29.63	12.72	357	13.37	22.47	53.56	40.33	78.18	75.28	0.05	47.08	26.27	1.612	0	15.84
1/9/2013 17:00	30349	23.01	358.7	35.21	38.57	15.49	353.5	11.65	31.42	52.98	40.35	77.9	75.34	0.04	29.78	26.23	1.612	0	11.46
1/9/2013 18:00	30350	25.78	192.9	7.84	38.57	17.28	354.3	11.98	33.21	48.68	40.47	78.39	75.95	0.09	4.274	26.21	1.612	0	16.38
1/9/2013 19:00	30351	22.68	197.7	7.756	34.99	15.06	358	14.36	27.84	57.31	40.09	81.3	78.81	0.22	0.04	26.21	1.615	0.003	11.79
1/9/2013 20:00	30352	14.94	220	10.48	33.21	8.64	33.31	19.69	27.84	59.42	39.68	86.1	83.8	0.18	0.007	26.24	1.612	-0.003	11.55
1/9/2013 21:00	30353	14.08	216.6	4.885	27.84	7.585	24.57	16.36	17.1	52.44	39.41	86.3	85.3	0.03	0.006	26.24	1.612	0	16.18
1/9/2013 22:00	30354	12.7	213.4	4.081	20.68	7.516	12.58	18.84	17.1	53.12	39.56	86.9	86.5	0	0.001	26.23	1.618	0.006	14.86
1/9/2013 23:00	30355	10.17	214.6	2.357	18.89	6.289	7.029	18.57	15.31	52.95	39.56	88.4	88.1	0	0.007	26.23	1.612	-0.006	14.33
1/10/2013 0:00	30356	9.87	214.2	2.314	17.1	6.186	4.804	18.08	11.74	52.78	39.67	89.8	91.1	0	0.006	26.23	1.615	0.003	15.78
1/10/2013 1:00	30357	9.65	213.6	2.284	17.1	6.287	0.863	16.56	13.52	52.02	39.84	89.9	91.9	0.01	0.007	26.24	1.612	-0.003	11.8
1/10/2013 2:00	30358	9.1	215.1	1.079	15.31	5.414	9.99	19.15	11.74	52.74	40.08	90.3	92.5	0	0.009	26.22	1.615	0.003	14.28
1/10/2013 3:00	30359	8.23	213.6	2.23	13.52	5.364	351.8	21.01	9.95	53.4	40.16	90.1	92.1	0	0.01	26.22	1.612	-0.003	11.94
1/10/2013 4:00	30360	8.01	208.3	5.021	13.52	6.013	310.3	16.68	11.74	53.59	39.95	90.3	92.1	0	0.009	26.2	1.615	0.003	11.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/10/2013 5:00	30361	9.07	201.5	3.021	13.52	6.579	322.3	11.95	9.95	53.01	39.74	89.8	91.7	0	0.006	26.19	1.612	-0.003	11.91
1/10/2013 6:00	30362	9.63	203.3	5.584	15.31	7.26	313.5	15.65	13.52	52.73	39.73	89	90.2	0	0.003	26.2	1.612	0	11.65
1/10/2013 7:00	30363	8.79	198.5	1.991	15.31	6.599	304.1	12.91	13.52	52.08	38.81	90.3	90.6	0	0.007	26.19	1.615	0.003	11.88
1/10/2013 8:00	30364	6.358	205.6	4.439	11.74	4.921	284.2	19.16	9.95	53.4	38.82	90.7	91.2	0	0.461	26.21	1.612	-0.003	11.86
1/10/2013 9:00	30365	4.62	209.8	5.361	9.95	3.262	285.3	18.42	8.16	52.83	39.37	90	91	0	63.55	26.22	1.612	0	11.84
1/10/2013 10:00	30366	8.44	206.8	10.44	15.31	6.763	302.1	17.67	13.52	56.73	41.86	85	83.7	0	224.2	26.25	1.611	0	16.53
1/10/2013 11:00	30367	8.77	199.5	1.827	15.31	7.209	288.2	16.85	11.74	55.24	42.29	83.2	79.31	0	256.8	26.27	1.614	0.003	11.63
1/10/2013 12:00	30368	9.43	193.8	9.92	17.1	7.617	265.8	20.25	13.52	63.46	45.89	75.46	71.47	0	439.4	26.27	1.617	0.003	15.92
1/10/2013 13:00	30369	11.73	178.9	18.18	18.89	9.78	250	14.87	18.89	62.92	48.56	71.61	67.63	0	563.1	26.26	1.614	-0.003	13.42
1/10/2013 14:00	30370	13.5	152.6	32.68	18.89	11.08	243.6	13.3	18.89	61.86	50.74	67.33	63.77	0	598.5	26.25	1.614	0	15.97
1/10/2013 15:00	30371	13.57	106.3	54.24	20.68	11.09	237.2	12.93	18.89	63.94	52.92	59.41	57	0	589.6	26.24	1.614	0	11.92
1/10/2013 16:00	30372	13.69	75.46	48.43	22.47	10.8	233.7	12.58	17.1	69.91	54.58	52.61	51.35	0	387.4	26.23	1.614	0	12.06
1/10/2013 17:00	30373	10.99	157	94.6	22.47	8.43	229.5	10.65	17.1	71.43	54.17	49.62	49.19	0	160.2	26.22	1.611	-0.003	15.08
1/10/2013 18:00	30374	6.925	212.7	0.266	11.74	4.139	203.3	18.25	9.95	67.99	51.84	57.96	57.17	0	27.53	26.17	1.614	0.003	11.79
1/10/2013 19:00	30375	7.63	229.2	19.68	11.74	3.409	185	16.5	8.16	66.53	47.71	62.78	64.15	0	1.089	26.15	1.614	0	16.75
1/10/2013 20:00	30376	8.05	253.6	2.912	13.52	4.122	186.5	16.11	8.16	63.57	45.37	68.64	68.31	0	0.011	26.13	1.611	-0.003	14.02
1/10/2013 21:00	30377	12.92	304.4	42.9	22.47	8.29	202.6	12.86	17.1	64.39	47.35	63.77	62.91	0	0.007	26.12	1.618	0.006	15.67
1/10/2013 22:00	30378	10.14	265.7	12.15	17.1	6.318	203.8	12.43	11.74	62.13	45.12	67.18	65.72	0	0.017	26.14	1.614	-0.003	16.02
1/10/2013 23:00	30379	6.044	250.5	0.361	9.95	2.943	189.4	15.77	8.16	58.91	42.04	71.91	70.61	0	0.006	26.13	1.612	-0.003	11.6
1/11/2013 0:00	30380	5.717	250.1	0	9.95	2.732	197.3	38.45	8.16	58.51	41.63	71.56	71.52	0	0.001	26.1	1.612	0	11.99
1/11/2013 1:00	30381	6.714	250	0	11.74	2.599	152	15.89	6.368	56.82	40.18	76.63	76.16	0	0.001	26.09	1.612	0	16.68
1/11/2013 2:00	30382	5.356	249.5	0	9.95	1.675	213.8	18.36	4.578	52.5	38.08	81.4	80.1	0	0.002	26.07	1.615	0.003	12.46
1/11/2013 3:00	30383	6.668	249.7	0.465	11.74	3.004	197.5	18.56	6.368	50.15	38.66	81.1	80.2	0	0.001	26.05	1.612	-0.003	12.01
1/11/2013 4:00	30384	10.45	262.5	4.724	17.1	5.735	174.7	14.84	11.74	49.34	39.19	82	80.1	0	0.001	26.03	1.615	0.003	15.26
1/11/2013 5:00	30385	6.094	262.4	0.379	9.95	1.99	190.2	13.5	6.368	48.31	38.96	81.6	80.2	0	0.002	26.01	1.612	-0.003	16.28
1/11/2013 6:00	30386	4.96	262.2	0.267	9.95	1.243	189.9	15.18	6.368	46.36	38.24	84	82.7	0	0.001	26	1.612	0	11.49
1/11/2013 7:00	30387	4.089	227.7	7.116	6.368	1.136	210.5	19.13	4.578	43.52	38.26	86.9	84.2	0	0.001	26	1.615	0.003	10.82
1/11/2013 8:00	30388	5.321	229.1	0.983	9.95	1.82	159.2	18.26	4.578	42.63	38.27	87.3	85.7	0	0.719	26.01	1.618	0.003	12.72
1/11/2013 9:00	30389	2.643	233	4.034	11.74	1.493	189.3	18.82	8.16	40.89	39.28	86.4	86.4	0	48.73	26.02	1.615	-0.003	11.86
1/11/2013 10:00	30390	8	248.1	7.403	15.31	5.177	191.7	14.35	11.74	42.01	44.51	80.1	79.19	0	174.7	26.05	1.612	-0.003	11.3
1/11/2013 11:00	30391	12.02	284.5	39.45	20.68	8.55	207.3	13.99	17.1	50.14	52.71	63.34	61.06	0	401.4	26.1	1.614	0.003	12.03
1/11/2013 12:00	30392	13.92	336.2	50.04	22.47	9.85	210.9	12.14	17.1	52.08	55.67	53.31	52.07	0	314.8	26.13	1.614	0	12.05
1/11/2013 13:00	30393	15.61	19.26	59.76	26.05	11.25	217.9	11.85	18.89	56.04	57.61	46.38	46.12	0	436.3	26.1	1.614	0	12.55
1/11/2013 14:00	30394	17.55	19.06	20.84	29.63	12.31	212.4	12.5	24.26	65.8	60.34	40.69	40.65	0	457.4	26.1	1.614	0	16.87
1/11/2013 15:00	30395	18.85	353.3	22.1	29.63	12.7	200.2	12.88	22.47	71.77	63.17	35.07	35	0	514.2	26.1	1.614	0	12.08
1/11/2013 16:00	30396	19.81	44.14	21.48	31.42	14.48	222.2	13.21	26.05	74.28	65.6	25.55	27.05	0	442.1	26.11	1.62	0.006	14.53
1/11/2013 17:00	30397	16.55	39.83	47.7	33.21	11.73	218.7	11.37	26.05	72.53	64.01	24.95	26.49	0	170.6	26.1	1.614	-0.006	11.76
1/11/2013 18:00	30398	11.27	76.51	47.01	22.47	7.909	228.3	35.07	17.1	71.35	61.81	28.29	29.9	0	80.7	26.09	1.614	0	16.84
1/11/2013 19:00	30399	11.37	176.5	4.343	20.68	8.62	299	9.31	15.31	59.64	53.56	38.21	39.79	0	4.632	26.09	1.611	-0.003	12.01
1/11/2013 20:00	30400	8.49	181.5	0.582	15.31	5.874	304.3	9.79	11.74	54.83	49.32	42.62	44.89	0	0.013	26.07	1.614	0.004	11.97
1/11/2013 21:00	30401	12.41	178	5.46	18.89	9.41	303.4	8.73	17.1	58.28	48.66	42.15	43.65	0	0.015	26.06	1.611	-0.003	12.05
1/11/2013 22:00	30402	8.49	182.6	3.315	20.68	6.077	303.9	10.92	15.31	60.94	47.7	43.39	44.77	0	0.007	26.07	1.611	0	12.01
1/11/2013 23:00	30403	9.67	183.3	0.298	15.31	6.74	308.4	9.65	13.52	57.42	45.48	47.34	48.53	0	0.003	26.06	1.614	0.003	12.04
1/12/2013 0:00	30404	9.58	184.8	3.832	15.31	6.406	319.9	16.61	11.74	57.4	45.44	47.08	47.88	0	0.002	26.06	1.618	0.003	16.55
1/12/2013 1:00	30405	12.72	204	23.02	24.26	7.212	19.87	19.04	15.31	54.34	42.59	38.79	38.39	0	0.003	26.09	1.612	-0.006	12.05

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/12/2013 2:00	30406	11.72	226.2	1.624	20.68	6.363	24.32	16.89	13.52	51.87	39.62	33.21	33.09	0	0.001	26.08	1.612	0	16.63
1/12/2013 3:00	30407	10.75	225.2	2.872	18.89	6.365	11.49	20.72	13.52	51.16	38.15	36.81	36.3	0	0	26.09	1.612	0	11.66
1/12/2013 4:00	30408	12.04	223.9	3.853	20.68	6.944	14.88	20.28	15.31	50.66	37.18	33.87	33.61	0	0	26.07	1.612	0	15.77
1/12/2013 5:00	30409	8.38	227.1	1.274	15.31	4.818	13.32	20.23	9.95	49.44	35.93	33.1	32.9	0	0	26.07	1.612	0	11.97
1/12/2013 6:00	30410	7.479	227.4	0.824	15.31	4.65	4.311	23.22	11.74	48.29	34.79	37.33	37.22	0	0	26.05	1.612	0	16.65
1/12/2013 7:00	30411	7.972	226.7	1.338	13.52	5.167	355.9	18.49	9.95	47.5	33.76	40.81	40.86	0	0	26.05	1.618	0.006	15.77
1/12/2013 8:00	30412	8.71	225.7	1.64	15.31	5.667	356.6	19.23	11.74	45.69	32.3	44.06	43.65	0	0.637	26.06	1.616	-0.003	11.96
1/12/2013 9:00	30413	8.16	225.2	1.308	13.52	5.682	336.8	18.45	9.95	45.39	31.69	48.35	47.71	0	67.5	26.07	1.612	-0.003	16.38
1/12/2013 10:00	30414	11.5	219.1	5.226	18.89	8.08	348.5	16.61	15.31	51.29	36.88	37.64	37.11	0	275.3	26.12	1.615	0.003	12.01
1/12/2013 11:00	30415	9.82	224.2	3.848	15.31	6.51	2.79	21.29	13.52	53.62	39.48	32.78	32.52	0	349	26.16	1.611	-0.004	16.52
1/12/2013 12:00	30416	8.55	225.8	2.258	15.31	5.746	0.501	25.8	11.74	57.04	42.46	26.81	27.12	0	394.1	26.18	1.614	0.003	11.47
1/12/2013 13:00	30417	12.08	206.7	9.91	18.89	9.31	320.4	15.13	17.1	57.58	42.07	31.37	31.71	0	429	26.18	1.614	0	12.03
1/12/2013 14:00	30418	13.1	199.2	7.733	22.47	10.25	309.3	22.69	18.89	62.85	44.65	30.81	30.82	0	663.9	26.16	1.614	0	12.01
1/12/2013 15:00	30419	8.58	205.2	6.26	20.68	7.026	291.7	26.67	18.89	65.43	46.35	37.24	36.11	0	576	26.15	1.614	0	12.06
1/12/2013 16:00	30420	9.4	203.5	9.29	20.68	7.717	287.4	26.39	17.1	66.21	47.14	34.95	34.21	0	478	26.17	1.611	-0.003	15.74
1/12/2013 17:00	30421	9.63	201.5	12.58	17.1	7.907	265.2	18.29	17.1	66.14	47.03	32.01	31.82	0	299.1	26.16	1.611	0	11.77
1/12/2013 18:00	30422	5.787	207.9	2.446	15.31	4.324	267.7	19.98	11.74	64.78	45.94	32.17	32.25	0	104.6	26.15	1.614	0.003	16.14
1/12/2013 19:00	30423	2.727	208.6	0	6.368	0.868	333.5	29.58	4.578	59.67	40.09	37.35	43.31	0	1.689	26.11	1.618	0.003	15.89
1/12/2013 20:00	30424	4.747	208.6	0	9.95	1.896	359.5	19.15	6.368	57.86	37.5	41.29	48.32	0	0	26.08	1.615	-0.003	11.97
1/12/2013 21:00	30425	2.774	208.8	0	8.16	0.936	348	31.92	6.368	54.17	33.69	47.32	55.62	0	0	26.09	1.618	0.003	15.49
1/12/2013 22:00	30426	2.892	208.8	0.174	8.16	0.606	126.4	35.51	4.578	51.44	29.77	52.36	64.53	0	0	26.09	1.616	-0.003	12.02
1/12/2013 23:00	30427	9.81	202.2	9.68	20.68	6.776	274.4	14.41	17.1	53.08	33.97	36.13	42.07	0	0	26.11	1.616	0	12.2
1/13/2013 0:00	30428	8.13	206	7.323	15.31	5.43	274.4	13.68	13.52	51.97	33.93	33.71	36.21	0	0	26.14	1.612	-0.003	12.65
1/13/2013 1:00	30429	7.358	209.6	3.329	13.52	4.64	250.5	18.06	9.95	49.21	31.26	38.39	41.02	0	0	26.14	1.619	0.006	14.84
1/13/2013 2:00	30430	8.59	240.6	13.91	24.26	5.485	73.13	21.93	17.1	45.54	28.42	70	66.27	0	0	26.15	1.612	-0.006	16.29
1/13/2013 3:00	30431	8.72	245.2	5.799	15.31	5.162	73.13	18.56	11.74	42.08	25.29	80.2	75.69	0	0	26.16	1.616	0.003	15.66
1/13/2013 4:00	30432	11.02	236.5	4.85	18.89	6.476	56.26	22.68	13.52	40.2	23.81	79.19	75.12	0	0	26.18	1.613	-0.003	11.6
1/13/2013 5:00	30433	10.4	230.2	0.647	20.68	6.123	46.82	13.88	15.31	38.08	23.26	75.69	71.85	0	0	26.19	1.622	0.01	15.72
1/13/2013 6:00	30434	8.47	230.9	0.272	13.52	5.471	60.22	13.02	11.74	23.9	21.98	75.29	71.69	0	0	26.18	1.626	0.003	11.88
1/13/2013 7:00	30435	7.597	230.7	0	11.74	4.689	53.3	13.12	9.95	23.09	21.49	76.69	73.01	0	0	26.2	1.626	0	11.36
1/13/2013 8:00	30436	7.628	230.7	0	13.52	4.651	51.28	12.46	9.95	23.3	21.85	78.99	74.62	0	1.308	26.24	1.626	0	16.5
1/13/2013 9:00	30437	5.85	230.7	0	13.52	3.168	52.27	17.99	9.95	28.25	24.06	76.66	72.67	0	93.9	26.26	1.629	0.003	11.8
1/13/2013 10:00	30438	7.803	230.6	0.344	13.52	4.574	39.02	16.35	9.95	45.79	28.97	67.3	63.13	0	295.1	26.3	1.628	-0.001	11.82
1/13/2013 11:00	30439	7.805	231.3	0.427	13.52	4.981	51.35	19.44	11.74	48.95	31.54	62.35	57.84	0	475	26.36	1.631	0.003	12.43
1/13/2013 12:00	30440	7.115	232.8	0.414	13.52	5.09	70.28	28.92	9.95	50.81	33.68	57.59	53.29	0	613.1	26.38	1.63	-0.001	15.76
1/13/2013 13:00	30441	4.85	233.1	0.3	9.95	3.415	69.06	33.12	8.16	54.62	36.91	47.3	44.76	0	675.5	26.38	1.627	-0.003	11.49
1/13/2013 14:00	30442	5.106	233.5	0.374	11.74	3.758	100.6	51.47	9.95	56.68	39.11	43.32	41.07	0	677	26.37	1.624	-0.003	16.56
1/13/2013 15:00	30443	7.641	239.7	7.299	15.31	5.593	93.4	29.65	13.52	56.65	40.02	38.5	36.24	0	617	26.35	1.617	-0.006	12.56
1/13/2013 16:00	30444	8.39	250.2	3.021	17.1	6.16	96.9	27.48	13.52	56.74	40.07	35.79	33.72	0	487.6	26.34	1.617	0	15.43
1/13/2013 17:00	30445	9.84	251.1	3.628	15.31	6.959	108.8	24.94	13.52	56.31	39.68	33.98	32.12	0	328.7	26.31	1.618	0	12.06
1/13/2013 18:00	30446	9.9	249.8	3.16	17.1	6.855	100.4	18.56	13.52	54.03	37.29	37.99	36.44	0	119.3	26.29	1.618	0	15.68
1/13/2013 19:00	30447	7.712	247.5	0.069	11.74	4.707	96.6	14.71	9.95	48.47	31.45	49.96	48.92	0	1.964	26.27	1.615	-0.003	11.96
1/13/2013 20:00	30448	9.15	247.3	0.206	13.52	5.369	84.2	13.85	9.95	44.85	27.92	60.22	58.52	0	0	26.24	1.616	0.001	11.94
1/13/2013 21:00	30449	9.17	247.2	0.304	13.52	5.616	84	14.57	11.74	42.34	25.89	68.72	65.6	0	0	26.22	1.616	0	12.49
1/13/2013 22:00	30450	8.92	247.4	0.357	13.52	5.708	89	14.07	9.95	41.95	25.42	70.12	67.53	0	0	26.23	1.616	0	16.55

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/13/2013 23:00	30451	11.47	247.9	0.686	17.1	7.447	85.7	14.57	13.52	41.42	25.1	69.35	66.51	0	0	26.23	1.616	0	14.23	
1/14/2013 0:00	30452	12.86	245.6	6.289	20.68	8.23	81.8	15.24	15.31	39.97	23.83	70.89	67.65	0	0	26.23	1.616	0	11.97	
1/14/2013 1:00	30453	13.73	246.7	1.04	31.42	8.53	75.83	14.49	20.68	36.79	22.79	70.6	67.28	0	0	26.24	1.616	0	16.45	
1/14/2013 2:00	30454	12.64	246	1.39	20.68	8.02	73.39	15.03	15.31	24.32	22.47	69.8	66.39	0	0	26.25	1.619	0.003	16.25	
1/14/2013 3:00	30455	15.97	249.1	2.955	24.26	10.28	80.6	15.12	18.89	25.35	23.49	64.57	61.24	0	0	26.26	1.619	0	11.91	
1/14/2013 4:00	30456	14.43	247.7	2.207	22.47	9.26	80	14.84	17.1	25.5	23.71	64.19	60.67	0	0	26.28	1.622	0.003	11.41	
1/14/2013 5:00	30457	14.36	248.2	2.661	22.47	9.05	81.7	15.13	17.1	24.12	22.47	62.78	59.75	0	0	26.26	1.622	0	11.83	
1/14/2013 6:00	30458	12.92	244.8	1.218	18.89	8.29	68.44	14.66	15.31	22.28	21.09	65.02	61.77	0	0	26.24	1.622	0	11.94	
1/14/2013 7:00	30459	12.54	244.1	0.391	17.1	8.39	65.26	13.29	13.52	20.94	19.99	67.13	63.7	0	0	26.24	1.622	0	12.72	
1/14/2013 8:00	30460	11.68	243.4	0.492	17.1	7.853	59.6	13.04	13.52	21.12	20.35	67.2	63.49	0	0.341	26.26	1.622	0	11.81	
1/14/2013 9:00	30461	13.88	243.5	1.028	18.89	9.33	64.71	14.75	17.1	22.25	21.43	63.17	59.61	0	17.89	26.28	1.622	0	11.45	
1/14/2013 10:00	30462	14.02	243	1.44	20.68	9.63	65.37	14.41	17.1	23.13	22.22	59.7	56.04	0	66.58	26.29	1.626	0.003	15.97	
1/14/2013 11:00	30463	13.81	245.2	2.684	20.68	9.17	74.35	16.58	15.31	24.46	23.49	56.19	52.66	0	142	26.3	1.625	0	11.84	
1/14/2013 12:00	30464	11.73	247.8	4.027	18.89	8.18	90.1	20.97	15.31	33.4	27.07	48.53	45.31	0	405.7	26.3	1.622	-0.003	13.4	
1/14/2013 13:00	30465	10.73	249.9	3.824	18.89	7.826	99.5	19.54	15.31	41.51	29.48	44.38	41.34	0	397	26.3	1.628	0.006	15.74	
1/14/2013 14:00	30466	10.54	249.1	4.317	18.89	7.535	98	22.16	13.52	46.33	30.77	40.83	38.23	0	360.6	26.27	1.625	-0.003	15.7	
1/14/2013 15:00	30467	9.11	246.6	3.761	15.31	6.721	96.3	24.93	13.52	48.85	31.9	40.95	38.4	0	306.3	26.27	1.621	-0.003	11.96	
1/14/2013 16:00	30468	9.29	245.2	3.011	18.89	6.637	89.8	24.43	15.31	49.6	32.72	42.16	39.54	0	272.4	26.26	1.621	0	12.18	
1/14/2013 17:00	30469	9.77	244.5	1.964	17.1	6.68	84.3	20.12	11.74	49.84	32.85	43.33	40.91	0	166.1	26.27	1.621	0	16.61	
1/14/2013 18:00	30470	9.47	246.6	3.018	15.31	6.721	95.3	17.36	13.52	50.4	32.8	43.6	41.74	0	99.5	26.28	1.621	0	12.02	
1/14/2013 19:00	30471	7.656	243.4	0.309	11.74	4.392	86.8	14.55	8.16	42.57	28.57	50.4	49.66	0	2.014	26.26	1.625	0.004	11.94	
1/14/2013 20:00	30472	6.653	242.9	0	9.95	3.682	65.73	12.7	6.368	31.56	26.05	54.85	54.96	0	0	26.25	1.622	-0.003	11.91	
1/14/2013 21:00	30473	7.262	228.6	13.34	13.52	3.995	109.2	42.16	9.95	30.47	26.13	53.85	53.13	0	0	26.25	1.629	0.007	15.67	
1/14/2013 22:00	30474	9.99	230.4	10.98	15.31	6.415	86.2	26.99	11.74	28.34	24.89	55.54	53.75	0	0	26.23	1.629	0	16.5	
1/14/2013 23:00	30475	10.97	234.2	1.013	17.1	6.073	89.3	28.46	11.74	25.51	23.27	61.3	58.25	0	0	26.24	1.632	0.003	11.59	
1/15/2013 0:00	30476	12.11	232.8	0.622	17.1	6.488	71.75	21.6	11.74	24.54	22.65	61.73	58.48	0	0	26.24	1.632	0	11.63	
1/15/2013 1:00	30477	10.29	233.7	0.534	24.26	5.847	69.22	18.88	11.74	22.45	20.97	65.65	62.14	0	0	26.23	1.632	0	11.81	
1/15/2013 2:00	30478	10.91	233.5	0.909	17.1	6.3	66.99	16.63	11.74	21.66	20.34	66.02	62.61	0	0	26.22	1.632	0	16.37	
1/15/2013 3:00	30479	10.69	193	18.07	17.1	5.815	61.59	15.9	13.52	21.2	20.05	66.14	62.4	0	0	26.23	1.632	0	14.04	
1/15/2013 4:00	30480	9.56	222.1	16.68	17.1	5.274	55.68	17.81	9.95	20.24	19.28	67.97	63.99	0	0	26.22	1.632	0	15.8	
1/15/2013 5:00	30481	9.55	226.4	1.86	17.1	5.262	45.26	28.87	11.74	19.52	18.69	70.49	66.18	0	0	26.23	1.632	0	16.54	
1/15/2013 6:00	30482	9.56	227.2	1.059	15.31	5.196	46.96	16.26	9.95	20.38	19.45	69.87	65.78	0	0	26.22	1.632	0	11.73	
1/15/2013 7:00	30483	9	227.4	0.782	17.1	4.913	43.71	13.2	9.95	20.29	19.33	69.36	65.27	0	0	26.23	1.635	0.003	15.48	
1/15/2013 8:00	30484	9.51	228	0.268	15.31	5.362	50.08	12.35	11.74	21.59	20.47	67.47	63.67	0	0.555	26.24	1.632	-0.003	11.47	
1/15/2013 9:00	30485	7.376	228	0.315	11.74	4.331	55.46	17.05	9.95	23.52	22.17	63.1	59.57	0	28.65	26.28	1.632	0	11.84	
1/15/2013 10:00	30486	7.195	227.9	0.295	11.74	4.325	50.78	16.57	9.95	26.2	24.13	57.58	54.24	0	115.1	26.31	1.632	0	11.8	
1/15/2013 11:00	30487	6.439	227.9	0.267	11.74	4.08	51.34	19.68	9.95	31.3	26.62	52.77	49.62	0	238.9	26.34	1.631	0	11.92	
1/15/2013 12:00	30488	4.376	228.1	0.233	8.16	2.64	27.41	28.07	6.368	47.65	30.77	46.61	43.86	0	435.1	26.35	1.634	0.003	14.16	
1/15/2013 13:00	30489	3.237	228	0.159	8.16	2.153	33.53	39.92	8.16	54.82	35.82	39.66	38.16	0	670.9	26.39	1.63	-0.004	12.02	
1/15/2013 14:00	30490	4.291	225.6	3.589	11.74	3.425	320.8	70.05	11.74	55.14	36.84	40.22	38.13	0	661	26.42	1.63	0	11.97	
1/15/2013 15:00	30491	6.834	213.8	7.251	17.1	5.517	309	32.66	15.31	54.25	36.65	40.05	37.51	0	600.9	26.41	1.63	0	12.03	
1/15/2013 16:00	30492	7.872	206	3.332	15.31	6.234	312.4	27.49	11.74	53.74	36.61	39.05	36.59	0	402.7	26.4	1.63	0	11.99	
1/15/2013 17:00	30493	7	210.4	0.431	13.52	5.209	336.1	27.81	9.95	54.51	36.77	38.19	35.95	0	273.9	26.39	1.627	-0.003	12.05	
1/15/2013 18:00	30494	7.542	210.9	1.018	13.52	5.49	339.8	16.34	11.74	52.73	35.44	37.87	36.51	0	107.3	26.38	1.627	0	11.52	
1/15/2013 19:00	30495	6.418	223	6.953	8.16	3.925	338	14.25	8.16	48.6	31.1	40.89	41.98	0	1.952	26.36	1.631	0.003	11.98	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/15/2013 20:00	30496	4.604	227.3	0.028	6.368	1.892	351.5	16.66	4.578	47.54	29.5	42.83	45.6	0	0	26.34	1.628	-0.003	12.17
1/15/2013 21:00	30497	4.017	227.4	0	6.368	1.319	299.1	34.6	4.578	44.29	24.87	48.71	53.67	0	0	26.33	1.628	0	11.69
1/15/2013 22:00	30498	5.303	226.9	0.243	8.16	2.808	266.7	0	4.578	42.17	23.91	52.98	56.22	0	0	26.32	1.638	0.01	16.13
1/15/2013 23:00	30499	6.471	225.6	0.982	9.95	2.408	266.9	0	4.578	40.78	21.8	54.09	59.23	0	0	26.32	1.654	0.016	11.94
1/16/2013 0:00	30500	9.14	216	6.608	15.31	5.902	294.8	21	11.74	37.46	23.04	57.75	58.57	0	0	26.32	1.661	0.006	11.9
1/16/2013 1:00	30501	9.25	209.9	1.327	18.89	6.353	311.2	8.2	13.52	24.06	21.76	59.48	58.05	0	0	26.32	1.661	0	15.48
1/16/2013 2:00	30502	9.01	209.8	1.817	15.31	6.06	291.2	14.14	11.74	23.96	21.72	58.01	56.83	0	0	26.32	1.661	0	11.84
1/16/2013 3:00	30503	7.549	210.9	0.302	11.74	4.862	277.8	19.46	8.16	22.04	20.14	60.95	59.58	0	0	26.32	1.661	0	16.47
1/16/2013 4:00	30504	5.024	211.1	0.28	8.16	2.33	260.1	17.97	6.368	20.24	18.29	61.82	61.66	0	0	26.31	1.661	0	11.76
1/16/2013 5:00	30505	4.298	211.2	0.283	6.368	1.719	239.6	7.059	4.578	20.05	17.71	59.08	60.44	0	0	26.29	1.661	0	11.72
1/16/2013 6:00	30506	4.317	211.2	0.233	6.368	2.385	257.9	14.27	4.578	20.3	18.01	56.89	58.39	0	0	26.29	1.661	0	11.85
1/16/2013 7:00	30507	5.266	211.2	0.13	8.16	3.142	257.5	17.17	6.368	20.13	18.15	57.13	57.72	0	0	26.3	1.661	0	16.16
1/16/2013 8:00	30508	5.964	211.1	0.263	9.95	4.054	261.9	12.14	6.368	21.18	19.13	56.54	56.98	0	1.449	26.32	1.661	0	15.76
1/16/2013 9:00	30509	7.459	210.9	0.582	13.52	5.353	279	15.77	13.52	25.6	22.36	53.23	52.74	0	70.47	26.34	1.661	0	11.83
1/16/2013 10:00	30510	10.6	208.7	3.183	15.31	7.3	314.5	17.32	13.52	46.41	30.65	43.7	41.76	0	276.9	26.4	1.66	-0.001	11.8
1/16/2013 11:00	30511	9.92	209.8	2.182	15.31	7.129	310.8	16.64	11.74	56.78	38.17	33.53	32.25	0	347.2	26.47	1.659	-0.001	16.65
1/16/2013 12:00	30512	11.43	206.1	6.969	20.68	8.62	323.2	17.17	17.1	64.31	44.6	30.11	28.74	0	500.3	26.5	1.659	0	15.69
1/16/2013 13:00	30513	11.39	207.6	6.219	18.89	8.77	333.2	20.3	17.1	68.11	48.21	35.45	33.29	0	592.7	26.52	1.662	0.003	11.95
1/16/2013 14:00	30514	12.98	200.8	9.56	22.47	9.81	327.5	17.35	18.89	71.07	51	36.02	33.78	0	658.1	26.51	1.623	-0.038	12.06
1/16/2013 15:00	30515	15.11	194.2	11.51	24.26	11.47	331	15.26	22.47	71.84	52.14	34.26	32.24	0	596.4	26.51	1.617	-0.006	12.04
1/16/2013 16:00	30516	15.54	192.1	11.09	24.26	11.71	330.7	15.88	20.68	72.22	52.75	30.92	29.39	0	477.3	26.52	1.614	-0.003	11.78
1/16/2013 17:00	30517	12.83	202	7.001	20.68	9.47	333.6	16.98	17.1	72.4	52.81	31.05	29.72	0	310.7	26.51	1.614	0	16.47
1/16/2013 18:00	30518	10.31	208.8	4.531	17.1	7.749	331.9	10.79	13.52	71.28	51.53	31.69	31.14	0	111.4	26.5	1.614	0	12.05
1/16/2013 19:00	30519	6.572	213.1	0	9.95	3.758	329.1	13.07	8.16	65.98	44.79	35.54	38.05	0	2.216	26.49	1.614	0	15.55
1/16/2013 20:00	30520	5.308	213.2	0.28	9.95	2.295	300.3	34.11	6.368	62.34	40.31	39.87	43.81	0	0.002	26.47	1.615	0	15.66
1/16/2013 21:00	30521	3.901	213.2	0.385	8.16	1.596	268.9	44.31	6.368	57.97	36.05	45.73	50.19	0	0	26.46	1.612	-0.003	16.34
1/16/2013 22:00	30522	6.39	212.9	0.402	11.74	3.171	298.1	37.07	8.16	55.31	33.69	49.53	54.69	0	0	26.46	1.612	0	11.64
1/16/2013 23:00	30523	10.05	210.6	1.324	13.52	6.105	313.4	10.07	9.95	54.55	35.08	52.28	53.72	0	0	26.47	1.612	0	11.96
1/17/2013 0:00	30524	9.44	211.6	0.856	13.52	5.315	315.6	9.77	8.16	55.71	36.13	51.29	52.83	0	0	26.49	1.618	0.006	16.46
1/17/2013 1:00	30525	10.3	210.9	1.222	20.68	5.937	322.7	7.604	9.95	54.61	35.29	51.66	52.93	0	0	26.5	1.612	-0.006	11.66
1/17/2013 2:00	30526	9.71	209	18.08	13.52	6.169	325.9	7.609	9.95	56.4	36.98	48.37	49.58	0	0	26.51	1.612	0	12.02
1/17/2013 3:00	30527	7.778	214.9	0.573	11.74	4.232	325.2	12.46	8.16	56.65	36.77	47.72	49.68	0	0	26.52	1.612	0	16.56
1/17/2013 4:00	30528	7.773	215.6	0.891	11.74	4.06	333.8	18.5	8.16	55.84	36.13	49.29	50.76	0	0	26.53	1.612	0	15.55
1/17/2013 5:00	30529	5.299	216.2	0.998	11.74	2.264	319.7	30.5	8.16	52.57	33.49	54.92	55.24	0	0	26.53	1.612	0	12.01
1/17/2013 6:00	30530	7.673	215.3	1.526	13.52	4.601	328.5	41.1	9.95	54.01	34.77	52.55	53.41	0	0	26.53	1.612	0	11.63
1/17/2013 7:00	30531	5.705	217.1	0.143	11.74	2.686	2.959	15.67	8.16	53.02	33.95	53.57	54.31	0	0	26.54	1.612	0	12
1/17/2013 8:00	30532	3.054	217.4	0	8.16	1.311	300.7	26.11	4.578	52.04	32.62	54.46	55.91	0	1.507	26.55	1.612	0	11.95
1/17/2013 9:00	30533	3.024	217.4	0	6.368	1.435	268	40.04	4.578	54.95	34.73	54.42	54.59	0	96.3	26.58	1.615	0.003	11.98
1/17/2013 10:00	30534	4.379	217.6	0	9.95	2.16	27.88	19.71	8.16	65.05	45.17	44.54	42.16	0	294	26.66	1.615	-0.001	15.74
1/17/2013 11:00	30535	8.13	223.3	5.556	11.74	4.82	41.58	13.78	9.95	69.43	49.73	40.04	38.16	0	464.5	26.75	1.611	-0.004	12.03
1/17/2013 12:00	30536	9	236.9	2.524	13.52	6.255	61.06	19.05	11.74	71.39	53.07	36.85	34.51	0	589.6	26.78	1.614	0.003	12.04
1/17/2013 13:00	30537	8.01	239.6	1.563	13.52	6.012	97.6	30.34	13.52	73.65	55.61	32.5	30.48	0	658.2	26.77	1.61	-0.004	16.49
1/17/2013 14:00	30538	5.84	238.5	1.885	15.31	4.232	85.6	38.83	11.74	75.77	57.42	29.42	27.8	0	662.6	26.75	1.613	0.003	12.04
1/17/2013 15:00	30539	5.69	239.5	3.732	17.1	4.259	96.7	41.84	15.31	77.26	59.04	26.16	24.91	0	602.6	26.75	1.613	0	13.42
1/17/2013 16:00	30540	6.577	243	4.848	15.31	4.695	127.7	33.71	11.74	76.85	59.1	25.74	24.19	0	483.9	26.74	1.61	-0.003	11.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/17/2013 17:00	30541	6.971	243.2	4.968	13.52	4.967	132.6	35.27	9.95	76	58.54	25.52	24.09	0	316.5	26.72	1.611	0	12.08
1/17/2013 18:00	30542	7.228	242.6	3.478	13.52	4.458	134	19.56	11.74	73.6	56.09	26.94	26.1	0	117.7	26.71	1.611	0	11.54
1/17/2013 19:00	30543	7.127	240.5	0.261	9.95	3.26	97.1	14.85	6.368	66.89	46.6	34.22	37.11	0	2.821	26.67	1.611	0	16.16
1/17/2013 20:00	30544	7.743	241	0.301	9.95	4.135	85.6	9.26	6.368	62.83	41.39	41.25	45.66	0	0	26.63	1.611	0	12.02
1/17/2013 21:00	30545	7.826	241	0.229	9.95	3.543	99.2	13.33	6.368	60.29	39.82	46.05	49.69	0	0	26.62	1.612	0	15.75
1/17/2013 22:00	30546	8.66	241.5	0	9.95	3.98	110.8	11.99	6.368	59.09	39.4	48.29	51.31	0	0	26.61	1.612	0	11.62
1/17/2013 23:00	30547	8.6	241.6	0	11.74	4.04	108.1	12.3	6.368	57.55	38.13	50.84	53.52	0	0.001	26.61	1.609	-0.003	11.43
1/18/2013 0:00	30548	8.37	241.6	0.171	11.74	4.178	107.4	13.05	8.16	56.72	38.15	52.22	53.35	0	0	26.59	1.609	0	15.55
1/18/2013 1:00	30549	8.52	242	0.43	15.31	4.256	115.8	13.6	8.16	56.03	37.39	53.32	54.62	0	0	26.58	1.609	0	11.77
1/18/2013 2:00	30550	7.394	241.4	0.139	9.95	3.142	109.9	11.44	6.368	55.01	35.26	55.69	57.86	0	0	26.57	1.609	0	12.01
1/18/2013 3:00	30551	7.293	241.6	0.393	9.95	2.757	129.1	12.11	6.368	54.6	34.61	56.83	59.03	0	0	26.56	1.612	0.003	15.83
1/18/2013 4:00	30552	6.158	241.3	0	9.95	1.742	113.3	13.6	4.578	52.9	33.15	61.4	62.69	0	0	26.54	1.612	0	11.87
1/18/2013 5:00	30553	6.432	241.1	0.454	8.16	2.713	90.4	25.07	4.578	51.98	32.15	63.83	65.67	0	0	26.51	1.609	-0.003	11.96
1/18/2013 6:00	30554	3.971	241.3	0.201	8.16	0.74	174.7	28.03	4.578	51.01	31.65	65.91	66.91	0	0	26.49	1.609	0	14.02
1/18/2013 7:00	30555	1.526	241.1	0	4.578	0.087	252.9	16.85	2.789	48.81	30.69	69.85	68.82	0	0	26.48	1.609	0	16.31
1/18/2013 8:00	30556	1.021	241	0.026	4.578	0.249	343.6	6.814	2.789	49.96	31.29	68.1	68.52	0	1.565	26.48	1.609	0	14.06
1/18/2013 9:00	30557	2.687	241	0	6.368	0.268	193.2	9.54	4.578	55.81	35.67	60.67	62.4	0	96.8	26.5	1.609	0	11.81
1/18/2013 10:00	30558	8.38	254.4	9.76	15.31	5.705	189.4	17.34	11.74	61.2	44.11	54.91	51.64	0	297.2	26.56	1.608	-0.001	12.67
1/18/2013 11:00	30559	12.35	277.5	33.99	20.68	9.34	198.5	14.35	17.1	48.97	49.53	43.47	41.36	0	470.5	26.62	5.981	4.373	11.44
1/18/2013 12:00	30560	13.37	291.6	18.08	22.47	9.74	204.2	13.71	18.89	51.68	53.14	40.82	35.81	0	598.5	26.64	5.98	-0.001	16.59
1/18/2013 13:00	30561	15.12	300.1	16.63	22.47	10.63	198	14.72	17.1	54.16	56.51	34.87	30	0	667.4	26.61	5.98	0	11.85
1/18/2013 14:00	30562	15.66	312.3	24.03	22.47	11.28	204	14.6	18.89	56.09	58.45	30.8	25.87	0	669.5	26.58	5.979	-0.001	11.87
1/18/2013 15:00	30563	13.51	295.1	17.29	22.47	9.92	204.4	15.47	18.89	57.79	59.98	28.36	23.54	0	620.6	26.56	5.979	-0.001	16.72
1/18/2013 16:00	30564	14.41	312	30.55	22.47	10.61	212.8	14.01	18.89	58.45	60.26	26.52	21.79	0	500.1	26.55	5.979	0	15.89
1/18/2013 17:00	30565	12.77	286.8	13.24	20.68	9.04	202.8	13.07	17.1	58.37	60.04	26.81	22.09	0	324.7	26.53	5.973	-0.005	12.09
1/18/2013 18:00	30566	10.48	277	9.79	17.1	6.962	201.6	13.59	13.52	57.12	57.44	28.89	24.82	0	121.2	26.51	5.964	-0.009	13.24
1/18/2013 19:00	30567	7.295	257.4	1.268	9.95	3.189	159.9	14.64	4.578	50.78	47.89	35.99	34.54	0	2.461	26.47	5.959	-0.005	11.59
1/18/2013 20:00	30568	7.082	257	0	9.95	2.596	148.8	15.76	4.578	47.58	43.43	40.54	40.41	0	0.005	26.42	5.954	-0.005	16.06
1/18/2013 21:00	30569	7.601	257	0.233	11.74	2.851	161.2	12.38	6.368	44.97	40.96	45.8	45.05	0	0.002	26.4	5.952	-0.002	15.97
1/18/2013 22:00	30570	7.275	256.8	0.394	11.74	3.203	162.4	16.47	6.368	42.74	40.61	53.67	49.21	0	0.001	26.38	5.949	-0.003	16.08
1/18/2013 23:00	30571	3.922	256.7	0.432	9.95	1.45	220.6	14.83	6.368	40.22	38.19	61.43	55.68	0	0.001	26.37	5.949	0	15.98
1/19/2013 0:00	30572	5.359	256.7	0.523	8.16	2.149	200.1	12.08	4.578	39.83	37.43	64.47	58.96	0	0	26.35	5.946	-0.003	12.42
1/19/2013 1:00	30573	5.846	256.7	0	9.95	1.972	198.4	7.238	4.578	38.71	35.97	70.13	64.61	0	0	26.34	5.947	0.001	16.2
1/19/2013 2:00	30574	4.055	256.6	0.109	8.16	0.612	212.3	3.719	4.578	36.83	33.82	74.19	69.05	0	0	26.32	5.948	0.001	13.18
1/19/2013 3:00	30575	3.015	256.6	0.218	8.16	0.46	258.4	18.41	4.578	34.62	31.75	78.78	71.94	0	0	26.3	5.945	-0.003	15.87
1/19/2013 4:00	30576	4.34	256.5	0	6.368	0.569	288.1	7.008	4.578	34.1	30.78	80.5	74.11	0	0	26.29	5.945	0	12.09
1/19/2013 5:00	30577	3.972	256.5	0	6.368	0.541	296.3	8.5	4.578	32.19	29.14	84.7	76.83	0	0	26.27	5.945	0	12.08
1/19/2013 6:00	30578	5.671	256.4	0	8.16	1.686	304.7	17.93	4.578	33.5	29.74	81.3	76.82	0	0	26.27	5.948	0.003	16.1
1/19/2013 7:00	30579	4.641	256.3	0	6.368	1.04	272.5	29.64	4.578	35.15	30.89	74.2	73.97	0	0	26.28	5.945	-0.003	12.05
1/19/2013 8:00	30580	2.947	256.4	0	6.368	0.397	142.8	5.831	2.789	33.88	28.19	76.27	75.86	0	1.189	26.29	5.945	0	11.4
1/19/2013 9:00	30581	2.492	256.4	0	4.578	0.014	101.1	0.646	2.789	35.11	32.83	74.51	71.11	0	90.7	26.32	5.948	0.003	16
1/19/2013 10:00	30582	0.983	256.4	0.058	6.368	0.313	247.1	12.04	6.368	45.33	45.99	56.08	51.09	0	312.2	26.4	5.945	-0.003	11.73
1/19/2013 11:00	30583	5.727	242.8	16.37	9.95	4.786	282.9	17.09	9.95	50.87	51.77	38.52	34.97	0	485	26.5	5.942	-0.002	11.77
1/19/2013 12:00	30584	8.24	215.4	9.41	13.52	6.876	271.6	17.09	13.52	57.94	58.64	28.48	25.62	0	609	26.53	5.941	-0.001	12.12
1/19/2013 13:00	30585	9.51	207.8	6.825	15.31	7.931	279.3	18.22	15.31	63.79	64.19	19.56	16.41	0	681.6	26.53	5.94	-0.001	12.12

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/19/2013 14:00	30586	11.79	196.5	11.65	20.68	9.63	286.4	20.17	17.1	65.04	66.26	16.67	12.9	0	688.1	26.51	5.937	-0.003	11.92
1/19/2013 15:00	30587	12.69	195.5	11.93	22.47	9.74	309.7	19.12	17.1	65.9	66.85	15.19	11.12	0	627.7	26.5	5.93	-0.006	16.6
1/19/2013 16:00	30588	11.17	203.2	6.756	18.89	8.5	330.4	22.78	15.31	65.64	66.01	15.06	10.66	0	507.9	26.5	5.924	-0.006	13.62
1/19/2013 17:00	30589	7.747	215.4	0.957	13.52	5.844	338.1	19.18	11.74	65.68	65.98	15.2	10.95	0	337.7	26.5	5.915	-0.01	16.08
1/19/2013 18:00	30590	6.048	216.1	0.265	11.74	3.781	2.706	18.56	9.95	64.04	64.11	15.63	11.53	0	133.2	26.5	5.906	-0.009	12.48
1/19/2013 19:00	30591	4.137	216.2	0	6.368	0.917	49.67	4.52	2.789	59.41	56.24	20.28	19.88	0	3.79	26.47	5.904	-0.002	16.12
1/19/2013 20:00	30592	5.545	216.3	0	8.16	1.893	41.69	8.26	6.368	54.29	50.73	25.22	24.78	0	0.009	26.44	5.899	-0.004	14.76
1/19/2013 21:00	30593	7.909	216.4	0.296	15.31	4.401	22.23	21	11.74	51.08	48.55	29.44	27.56	0	0.008	26.43	5.893	-0.006	12.05
1/19/2013 22:00	30594	11.5	217.2	0.9	17.1	7.91	20.98	18.42	15.31	48.63	47.53	31.56	27.61	0	0.009	26.45	5.887	-0.006	11.46
1/19/2013 23:00	30595	10.83	218.5	0.282	15.31	6.08	36.28	13.28	11.74	45.99	44.95	34.95	30.86	0	0.008	26.45	5.885	-0.002	12.1
1/20/2013 0:00	30596	10.74	219	0.373	17.1	5.891	37.99	13.45	15.31	44.39	43.38	37.35	33.25	0	0.003	26.45	5.879	-0.006	12.04
1/20/2013 1:00	30597	12.14	215.5	10.1	24.26	7.885	33.5	14.18	22.47	43.36	42.34	38.91	34.68	0	0.003	26.44	5.873	-0.006	11.71
1/20/2013 2:00	30598	11.03	221.7	1.174	17.1	6.404	40.17	15.37	15.31	41.59	40.7	42.54	37.51	0	0.001	26.43	5.87	-0.003	11.72
1/20/2013 3:00	30599	8.32	222.2	0.489	13.52	4.537	43.2	16.69	11.74	40.45	39.41	44.93	39.83	0	0	26.42	5.867	-0.003	11.48
1/20/2013 4:00	30600	7.161	222.2	0.247	13.52	3.898	11.01	44.36	11.74	38.9	37.59	47.4	42.6	0	0.001	26.41	5.867	0	14.52
1/20/2013 5:00	30601	5.308	221.9	0.585	13.52	2.862	331.7	34.71	9.95	36.58	35.07	50.76	46.01	0	0	26.39	5.864	-0.002	14.52
1/20/2013 6:00	30602	10.07	220.3	1.18	13.52	6.58	16.46	18.69	11.74	37.13	35.99	48.6	43.74	0	0	26.37	5.858	-0.006	11.98
1/20/2013 7:00	30603	5.614	221.3	0.406	11.74	3.383	309.1	31.48	8.16	32.64	31.68	58.84	51.59	0	0	26.38	5.859	0.001	11.87
1/20/2013 8:00	30604	6.008	221.3	0.383	9.95	2.68	324.1	13.8	6.368	30.3	29.46	63.91	56.39	0	1.754	26.37	5.859	0	15.85
1/20/2013 9:00	30605	2.303	222.1	0.363	8.16	0.364	297.6	19.52	4.578	36.24	35.49	53.17	47.47	0	105.4	26.37	5.856	-0.004	12.07
1/20/2013 10:00	30606	2.001	222.5	0.145	4.578	0.301	33.96	10.03	2.789	47.59	48.98	37.53	32.1	0	311.3	26.45	5.855	0	12.1
1/20/2013 11:00	30607	2.913	222.6	0	8.16	1.812	264.1	40.23	8.16	55.79	57.01	28.63	24.47	0	487.3	26.55	5.856	0.001	14.54
1/20/2013 12:00	30608	6.63	222.9	0.196	11.74	5.222	255.6	12.17	11.74	57.46	58.46	26.67	22.5	0	617.8	26.58	5.851	-0.005	16.65
1/20/2013 13:00	30609	7.328	223.1	0.317	13.52	5.804	255.2	13.54	11.74	59.72	60.78	23.74	19.53	0	690.4	26.55	5.851	0	12.11
1/20/2013 14:00	30610	8.28	227.7	13.12	15.31	6.551	256.4	12.63	13.52	61.24	62.52	21.3	16.96	0	695.7	26.51	5.842	-0.01	11.9
1/20/2013 15:00	30611	10.05	270.7	16.97	17.1	7.843	255.6	12.06	15.31	63.07	64.39	19.75	15.04	0	635	26.48	5.839	-0.003	15.72
1/20/2013 16:00	30612	11.06	277.4	18.46	18.89	8.44	255	11.2	17.1	64.14	65.1	19.55	14.79	0	512.5	26.47	5.826	-0.013	16.13
1/20/2013 17:00	30613	12.23	281.9	15.21	18.89	8.87	252.6	13.09	15.31	64.17	64.99	19.86	15.04	0	340.6	26.44	5.817	-0.009	16.85
1/20/2013 18:00	30614	10.83	275.5	10.61	17.1	7.257	252.2	12.45	13.52	62.35	62.43	20.69	16.26	0	136.5	26.41	5.802	-0.014	13.1
1/20/2013 19:00	30615	6.26	261.4	0.407	9.95	2.003	246.9	20.01	6.368	56.2	52.36	25.66	24.14	0	4.12	26.38	5.797	-0.006	12.03
1/20/2013 20:00	30616	2.382	259.8	1.182	4.578	0.207	103.5	8.29	2.789	51.23	47.14	29.83	29.66	0	0.002	26.34	5.789	-0.008	12.05
1/20/2013 21:00	30617	3.401	258.2	0.238	6.368	0	0	0	0	49.11	44.02	31.88	33.13	0	0.001	26.32	5.787	-0.001	12.02
1/20/2013 22:00	30618	3.155	258.1	0	6.368	0.103	240.2	10.71	2.789	45.98	40.96	35.76	38.52	0	0	26.31	5.784	-0.003	12.05
1/20/2013 23:00	30619	2.363	257.8	0.299	6.368	0.198	333	3.708	2.789	43.92	38.94	37.75	41.3	0	0	26.3	5.781	-0.003	12.07
1/21/2013 0:00	30620	9.08	217	14.46	22.47	6.062	15.05	31.93	18.89	45.97	43.31	35.13	34.12	0	0.001	26.33	5.778	-0.003	15.9
1/21/2013 1:00	30621	12.94	217.4	2.413	31.42	9.72	45.79	22.05	18.89	41.72	41.22	39.23	34.05	0	0.002	26.34	5.771	-0.006	12.05
1/21/2013 2:00	30622	14.82	215.7	3.709	22.47	11.43	53.25	21.59	18.89	38.63	38.28	45.58	38.84	0	0	26.34	5.768	-0.003	16.46
1/21/2013 3:00	30623	14.85	216.5	3.191	22.47	11.13	58.79	21.58	18.89	36.77	36.47	50.6	42.97	0	0	26.34	5.762	-0.006	11.48
1/21/2013 4:00	30624	14.58	212.8	5.15	24.26	10.45	33.32	33.81	24.26	35.48	35.19	56.07	47.68	0	0	26.34	5.759	-0.003	12.01
1/21/2013 5:00	30625	14.53	211.1	5.528	22.47	10.26	28.31	31.3	20.68	34.37	34.12	61.94	52.79	0	0	26.35	5.759	0.001	16.58
1/21/2013 6:00	30626	15.93	214.1	5.213	24.26	12.23	49.71	24.97	20.68	33.03	32.94	68.22	57.74	0	0	26.34	5.757	-0.002	12.08
1/21/2013 7:00	30627	14.93	216.3	4.444	22.47	11.26	52.57	23.79	18.89	31.44	31.35	75.79	63.98	0	0	26.35	5.758	0	15.79
1/21/2013 8:00	30628	14.84	219.6	3.311	22.47	10.1	65.09	24.84	18.89	30.76	30.61	81.7	69.01	0	1.912	26.37	5.754	-0.003	11.96
1/21/2013 9:00	30629	15	221	3.279	24.26	9.87	68.28	23.75	20.68	31.47	31.39	81.8	69.24	0	96.9	26.39	5.751	-0.003	11.99
1/21/2013 10:00	30630	14.52	223.2	3.917	24.26	9.09	78.12	25.14	20.68	34.02	34.27	75.83	64.15	0	311.6	26.44	5.749	-0.002	16.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/21/2013 11:00	30631	12.69	226.2	3.628	22.47	7.972	86.2	27.05	18.89	36.47	37.03	70.15	59.31	0	492.4	26.5	5.745	-0.005	12.07
1/21/2013 12:00	30632	11.1	229.1	2.782	17.1	7.028	98.8	31.45	15.31	39.76	40.65	63.68	53.83	0	645.3	26.53	5.744	-0.001	14.71
1/21/2013 13:00	30633	8.61	229.2	2.432	15.31	5.77	88.4	34.68	13.52	43.15	44.18	56.14	47.66	0	708.1	26.55	5.74	-0.004	15.54
1/21/2013 14:00	30634	7.315	227.8	2.565	13.52	5.122	78.56	42.63	13.52	45.83	46.62	49.74	42.7	0	689.6	26.54	5.736	-0.004	16.04
1/21/2013 15:00	30635	6.189	230.5	0.297	13.52	4.37	85.3	46.64	9.95	48.74	49.39	43.82	38.03	0	641.4	26.53	6.408	0.672	12.12
1/21/2013 16:00	30636	5.115	230.5	0.112	9.95	3.527	75	55.27	8.16	50.8	51.23	39.94	35.05	0	510.5	26.53	6.405	-0.003	16.43
1/21/2013 17:00	30637	4.934	230.6	0.257	9.95	3.361	123.2	59.45	8.16	52	52.58	37.51	32.85	0	344.4	26.51	6.405	0	12.06
1/21/2013 18:00	30638	4.861	230.8	0	8.16	3.253	157.4	27.52	6.368	51	51.55	38.16	33.36	0	138.6	26.49	6.405	0	12.08
1/21/2013 19:00	30639	5.642	231	0	8.16	2.46	159.8	15.32	4.578	45.59	43.43	46.7	43.45	0	3.483	26.45	6.404	-0.001	12.94
1/21/2013 20:00	30640	6.818	231.1	0	9.95	3.134	147.1	14.72	4.578	41.78	38.44	53.03	50.73	0	0	26.4	6.406	0.002	12.1
1/21/2013 21:00	30641	7.726	231.3	0.382	9.95	2.997	182.2	20.34	4.578	40.15	35.29	56.24	55.57	0	0	26.37	6.403	-0.003	15.37
1/21/2013 22:00	30642	6.048	231.3	0	9.95	2.397	182.1	27.49	4.578	38.24	34.84	58.81	56.02	0	0	26.35	6.405	0.002	16.67
1/21/2013 23:00	30643	3.117	231.3	0.209	8.16	0.99	233.4	49.02	4.578	35.72	32.67	65.03	60.22	0	0	26.35	6.405	0	15.9
1/22/2013 0:00	30644	2.15	231.1	0	4.578	1.165	294.8	49.38	4.578	36.06	32.11	64.73	62.27	0	0	26.34	6.405	0	11.57
1/22/2013 1:00	30645	1.936	231.1	0.074	4.578	2.202	143.6	19.07	4.578	36.35	31.59	65.73	65.39	0	0	26.34	6.405	0	16.15
1/22/2013 2:00	30646	2.897	231.1	0.241	4.578	1.063	126.4	5.559	4.578	36.12	33.24	67.92	63.37	0	0	26.34	6.405	0	16.41
1/22/2013 3:00	30647	5.495	231.2	0.267	8.16	2.633	151.2	19.22	6.368	35.6	32.61	69.32	64.52	0	0	26.34	6.405	0	16.41
1/22/2013 4:00	30648	2.976	231.3	0.24	8.16	0.445	264.8	29.89	2.789	33.27	29.77	74.14	69.22	0	0	26.33	6.405	0	16.57
1/22/2013 5:00	30649	1.952	231.2	0.192	4.578	0.627	29.36	13.36	2.789	34.25	30.66	73.26	69.16	0	0	26.32	6.405	0	12.05
1/22/2013 6:00	30650	1.297	231.1	0	4.578	1.411	166.3	19.57	4.578	34.87	28.84	73.84	71.68	0	0	26.32	6.406	0	11.81
1/22/2013 7:00	30651	0.989	231.1	0	2.789	0.493	136.1	26.31	2.789	31.95	27.4	80.4	73.95	0	0	26.32	6.406	0	16
1/22/2013 8:00	30652	2.278	231.1	0.164	4.578	0.243	133.8	1.918	2.789	33.95	27.42	78.74	75.1	0	1.817	26.33	6.406	0	12.03
1/22/2013 9:00	30653	1.319	231.2	0	4.578	0.218	221	17.22	2.789	36.47	34.49	74.03	68.95	0	106.2	26.35	6.405	-0.001	16.63
1/22/2013 10:00	30654	4.909	231	0.346	9.95	3.881	280.4	11.36	8.16	41.08	41.67	69.89	60.36	0	311.9	26.42	6.404	-0.001	16.04
1/22/2013 11:00	30655	4.873	231.2	0.148	9.95	3.751	267.3	12.96	8.16	47.04	47.89	59.2	51.99	0	488.3	26.5	6.406	0.001	15.33
1/22/2013 12:00	30656	6.742	231.5	0	11.74	5.329	262.9	10.81	9.95	52.65	53.69	49.39	43.8	0	615.5	26.55	6.405	-0.001	16.69
1/22/2013 13:00	30657	7.061	231.4	0.22	11.74	5.532	263.5	12.13	9.95	56.73	57.55	41.55	37.4	0	687.8	26.55	6.403	-0.002	12.07
1/22/2013 14:00	30658	7.359	231.5	0.379	13.52	5.822	262.9	11.88	11.74	60.48	61.37	33.66	30.03	0	694.5	26.53	6.406	0.003	12.13
1/22/2013 15:00	30659	8.18	231.6	0.308	15.31	6.441	263.6	10.8	13.52	63.69	64.6	27.94	24.21	0	634.6	26.51	6.406	0	12.11
1/22/2013 16:00	30660	8.77	232.3	0.476	13.52	6.715	261.8	10.46	11.74	64.54	65.86	27.07	23	0	512	26.51	6.403	-0.003	16.81
1/22/2013 17:00	30661	8.97	232.9	0.678	15.31	6.711	260.9	9.65	11.74	64.97	65.85	24.52	20.31	0	342.3	26.5	6.39	-0.012	16.79
1/22/2013 18:00	30662	8.67	233.6	0.356	13.52	5.811	260.1	8.76	11.74	63.72	63.91	24.06	20.17	0	141.2	26.47	6.382	-0.009	12.35
1/22/2013 19:00	30663	8.59	234	0.128	11.74	3.617	250.5	9.74	6.368	57.76	53.93	28.97	28.13	0	4.978	26.44	6.373	-0.008	16.79
1/22/2013 20:00	30664	8.13	233.9	0	11.74	3.24	253.3	8.56	6.368	54.57	50.79	35.29	34.45	0	0.005	26.4	6.369	-0.005	11.74
1/22/2013 21:00	30665	6.75	233.7	0	9.95	1.904	257.1	5.824	4.578	50.79	46.12	42.47	42.35	0	0.001	26.38	6.366	-0.003	16.53
1/22/2013 22:00	30666	5.18	233.4	0.317	8.16	0.623	255.4	3.871	4.578	47.52	43.15	50.78	49.61	0	0.001	26.36	6.365	-0.001	12.03
1/22/2013 23:00	30667	3.415	233	0	8.16	0.483	314.7	8.91	2.789	46.31	42.27	53.09	52.06	0	0	26.36	6.362	-0.003	11.92
1/23/2013 0:00	30668	3.75	232.7	0.21	6.368	1.36	299.2	13.51	2.789	47.11	43.47	58.59	54.5	0	0	26.37	6.358	-0.003	12.04
1/23/2013 1:00	30669	4.567	232.6	0.196	6.368	1.264	297.5	5.407	2.789	46.5	42.21	69.6	63.37	0	0	26.37	6.358	0	11.73
1/23/2013 2:00	30670	4.771	232.6	0.199	6.368	0.277	264.6	5.03	2.789	44.99	39.51	81.9	72.45	0	0	26.36	6.358	0	12.1
1/23/2013 3:00	30671	5.072	232.2	0	6.368	1.348	311.6	5.906	4.578	42.71	37.32	86.1	79.55	0	0	26.35	6.358	0	11.92
1/23/2013 4:00	30672	3.834	231.7	0.303	6.368	0.826	316	7.613	4.578	40.44	35.62	94.1	82.7	0	0	26.34	6.356	-0.002	11.96
1/23/2013 5:00	30673	3.786	231.1	0.099	6.368	0.595	322.9	13.22	4.578	39.71	35.51	99.9	85.6	0	0	26.35	6.36	0.003	12.09
1/23/2013 6:00	30674	3.03	230.7	0.039	6.368	0.638	318.2	4.072	2.789	35.5	33.12	99.9	91.2	0	0	26.35	6.357	-0.003	11.47
1/23/2013 7:00	30675	3.143	229.1	0.831	8.16	1.359	314.7	5.838	4.578	35.07	32.09	99.9	99.9	0	0	26.37	6.357	0.001	11.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/23/2013 8:00	30676	0.209	228.1	0.019	4.578	0.043	281.5	8.31	2.789	37.67	32.21	99.9	99.9	0	1.795	26.38	6.357	0	11.74
1/23/2013 9:00	30677	0.009	228.2	0.002	2.789	0.192	220.8	10.59	2.789	38.75	34.16	99.7	99.9	0	104.8	26.39	6.357	0	11.93
1/23/2013 10:00	30678	0.012	231.3	0	4.578	0.456	296.2	9.64	4.578	44.63	44.66	85.9	99.9	0	311.5	26.46	6.354	-0.004	12.13
1/23/2013 11:00	30679	3.725	231.9	0.469	9.95	3.092	275.9	14.46	8.16	54	54.9	51.61	49.38	0	492.9	26.56	6.354	0.001	16.88
1/23/2013 12:00	30680	7.026	233.4	0.543	11.74	5.664	266.5	10.01	9.95	60.58	61.72	29.16	25.61	0	623	26.61	6.352	-0.002	16.32
1/23/2013 13:00	30681	9.09	219.4	17.11	22.47	7.585	283.1	12.83	18.89	67.49	68.04	17.61	14.53	0	695.1	26.62	6.349	-0.003	12.03
1/23/2013 14:00	30682	14.65	156.3	26.65	24.26	11.96	289.4	8.8	20.68	71.07	71.77	11.54	7.449	0	704.7	26.59	6.346	-0.003	14.44
1/23/2013 15:00	30683	12.19	179.9	54.34	20.68	10.03	278.1	10.74	18.89	72.02	72.72	10.57	6.203	0	646	26.56	6.336	-0.01	14.65
1/23/2013 16:00	30684	13.3	299.6	26.92	20.68	9.69	262.7	9	17.1	72.59	73.61	10.95	6.072	0	525.4	26.56	6.32	-0.016	12.09
1/23/2013 17:00	30685	12.24	286.3	13.22	17.1	8.83	259.7	8.35	15.31	72.33	73.09	11.01	5.95	0	354.4	26.54	6.308	-0.012	12.54
1/23/2013 18:00	30686	9.52	272.6	7.939	17.1	6.45	261.7	7.194	13.52	71.01	70.9	12	7.428	0	146.9	26.53	6.295	-0.013	12.3
1/23/2013 19:00	30687	6.436	267	0.362	9.95	2.198	266.8	7.506	6.368	64.44	60.53	15.71	12.83	0	3.452	26.5	6.291	-0.004	11.69
1/23/2013 20:00	30688	3.864	266.9	0	8.16	0.886	276.5	22.29	2.789	57.66	53.62	22.57	19.99	0	0.006	26.45	6.286	-0.005	15.88
1/23/2013 21:00	30689	4.216	266.8	0	6.368	0.267	298.4	3.45	2.789	55.01	50.44	26.26	24.93	0	0.003	26.42	6.283	-0.002	15.13
1/23/2013 22:00	30690	6.432	266.7	0.167	9.95	2.488	297.6	5.824	6.368	55.5	50.11	26.02	26.34	0	0.002	26.41	6.28	-0.003	14.91
1/23/2013 23:00	30691	8.01	242.1	23.14	11.74	4.389	299.9	5.809	6.368	55.27	50.96	28.8	28.44	0	0.003	26.41	6.277	-0.003	15.83
1/24/2013 0:00	30692	6.196	220.6	0.353	9.95	2.596	303.6	7.854	6.368	54.49	49.78	30.94	30.82	0	0.003	26.42	6.271	-0.006	12.02
1/24/2013 1:00	30693	5.634	221.8	6.005	11.74	1.823	316.2	18.58	8.16	52.55	47.7	33.18	33.79	0	0.001	26.41	6.271	0	15.97
1/24/2013 2:00	30694	5.421	243.5	4.883	11.74	2.036	286.2	21.17	6.368	47.1	42.41	41.54	42.78	0	0.001	26.41	6.266	-0.005	12.92
1/24/2013 3:00	30695	1.774	239	0.25	4.578	0.692	170.7	27.06	2.789	45.11	40.28	44.49	46.37	0	0	26.4	6.266	0	12.07
1/24/2013 4:00	30696	2.515	238.8	0.354	6.368	1.248	287.2	57.02	4.578	45.31	39.59	43.78	47.99	0	0	26.38	6.263	-0.003	13.12
1/24/2013 5:00	30697	3.861	237.1	0.06	6.368	0.657	315.1	39.19	4.578	47.98	38.72	37.17	48.86	0	0	26.37	6.263	0	16.47
1/24/2013 6:00	30698	1.481	237.1	0.055	4.578	1.074	202.7	38.84	4.578	43.74	36.49	43.55	52.02	0	0	26.36	6.261	-0.002	16.01
1/24/2013 7:00	30699	2.698	237.1	0	4.578	0.601	207.4	18.7	2.789	44.44	36.61	39.78	50.27	0	0	26.36	6.259	-0.003	12.01
1/24/2013 8:00	30700	1.794	237.1	0	4.578	1.098	150.2	35.11	4.578	44.16	37.89	38.94	47.68	0	1.624	26.36	6.262	0.003	16.05
1/24/2013 9:00	30701	2.213	237.3	0.175	6.368	0.844	258	37.63	6.368	45.62	40.5	38.73	44.71	0	98.7	26.38	6.257	-0.005	13.29
1/24/2013 10:00	30702	2.572	237.9	0.238	6.368	1.673	284.6	24.61	4.578	52.73	53.08	35.15	31.06	0	319.6	26.45	6.254	-0.003	14.69
1/24/2013 11:00	30703	3.916	237.2	0.468	8.16	3.027	299.6	28.98	6.368	61.38	61.76	25.44	21.91	0	468.8	26.54	6.252	-0.002	11.74
1/24/2013 12:00	30704	5.361	237.3	0.825	9.95	4.366	284.4	14.16	8.16	67.47	67.84	21.4	17.97	0	618.7	26.58	6.247	-0.004	16.46
1/24/2013 13:00	30705	11.98	187.4	32.67	26.05	9.85	285.4	10.97	22.47	73.7	74.01	18.52	15.62	0	672.1	26.56	6.247	0	12.07
1/24/2013 14:00	30706	18.11	134.3	22.36	29.63	14.65	293.9	9.11	24.26	76.08	76.69	17.56	14.45	0	693	26.53	6.241	-0.006	12.07
1/24/2013 15:00	30707	17.71	146.9	12.93	27.84	13.97	303.9	9.01	24.26	76.32	76.84	16.49	13.13	0	549.5	26.5	6.231	-0.009	12.04
1/24/2013 16:00	30708	15.15	148.8	15.5	26.05	12.35	296	9.64	22.47	76.88	77.33	15.58	12.1	0	560.1	26.48	6.222	-0.01	12.04
1/24/2013 17:00	30709	12.05	167.6	13.14	22.47	9.75	293.6	9.7	18.89	77.21	77.57	14.08	10.42	0	394	26.48	6.206	-0.016	11.79
1/24/2013 18:00	30710	8.98	176.2	2.263	17.1	6.945	306.7	10.85	15.31	75.72	75.41	14.02	10.52	0	166	26.47	6.2	-0.006	12.01
1/24/2013 19:00	30711	4.228	177.9	0.427	6.368	1.47	312.3	18.6	4.578	69.74	66.74	18.5	17.14	0	4.351	26.45	6.192	-0.008	12.22
1/24/2013 20:00	30712	3.04	177.9	0.146	8.16	2.006	296.2	55.18	6.368	65.58	61.98	23.75	23.15	0	0.028	26.43	6.189	-0.002	11.87
1/24/2013 21:00	30713	4.107	177.9	0.325	8.16	0.835	313.5	13.78	4.578	62.1	58.84	28.16	27.65	0	0.022	26.41	6.183	-0.006	16.13
1/24/2013 22:00	30714	5.114	177.9	0.459	8.16	0.805	319.5	4.81	4.578	60.23	54.78	29.81	31.96	0	0.012	26.39	6.181	-0.002	16.04
1/24/2013 23:00	30715	3.909	177.9	0.368	6.368	0.604	300.5	8.66	2.789	56.74	50.45	33.43	36.45	0	0.006	26.37	6.179	-0.003	11.78
1/25/2013 0:00	30716	4.046	177.9	0.405	8.16	1.956	318.7	10.33	4.578	55.7	50.23	34.9	38.66	0	0.002	26.35	6.175	-0.003	16.67
1/25/2013 1:00	30717	6.156	177.9	0.296	15.31	2.092	314.8	15.66	4.578	54.09	49.31	38.54	40.62	0	0.003	26.35	6.172	-0.003	11.99
1/25/2013 2:00	30718	8.47	177.7	0	13.52	3.713	325	5.721	8.16	53.17	48.61	41.45	43.5	0	0.003	26.34	6.17	-0.003	11.91
1/25/2013 3:00	30719	9.7	178.2	0.516	15.31	6.086	323.1	8.16	9.95	53.03	51.03	41.93	40.13	0	0.007	26.34	6.166	-0.004	11.98
1/25/2013 4:00	30720	11.42	181.5	1.245	17.1	7.469	329.4	12.39	13.52	53.62	52.52	40.6	37.52	0	0.012	26.35	6.163	-0.003	11.65

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/25/2013 5:00	30721	10.14	183.4	0.705	18.89	5.622	332.7	18.42	13.52	51.37	49.91	44.73	41.39	0	0.007	26.35	6.163	0	11.97
1/25/2013 6:00	30722	10.14	185.1	0.365	15.31	6.706	329.2	13.74	11.74	52.72	51.58	43.79	40.14	0	0.01	26.35	6.16	-0.003	15.67
1/25/2013 7:00	30723	11.3	184.5	2.282	20.68	7.242	328.3	12.85	17.1	51.48	50.08	48.51	44.4	0	0.006	26.35	6.156	-0.003	12.77
1/25/2013 8:00	30724	9.93	186.6	0.923	18.89	5.978	337.1	16.41	11.74	53.48	52.33	51.64	46.8	0	2.283	26.36	6.156	0	15.77
1/25/2013 9:00	30725	11.32	187	1.136	18.89	7.834	335.7	11.91	15.31	54.17	53.27	54.92	49.68	0	49.09	26.38	6.153	-0.003	12.02
1/25/2013 10:00	30726	10.68	189.3	0.847	18.89	8.07	334.5	6.545	15.31	57.68	57.17	49.01	44.46	0	212.5	26.42	6.143	-0.011	13.99
1/25/2013 11:00	30727	14.55	188.2	4.358	22.47	11.14	335.8	13.02	18.89	64.2	64.44	37.28	33.95	0	476.4	26.5	6.138	-0.005	12.02
1/25/2013 12:00	30728	12.73	199.4	3.911	20.68	9.56	0.059	40.46	17.1	66.26	66.91	31.99	28.23	0	619.9	26.54	6.13	-0.008	11.72
1/25/2013 13:00	30729	7.991	204.4	0.362	17.1	6.202	10.7	57.19	17.1	68.29	68.83	28.38	24.64	0	711.7	26.55	6.127	-0.003	11.98
1/25/2013 14:00	30730	6.701	204.4	0.327	13.52	5.402	332.3	23.19	11.74	69.49	69.92	27.35	23.82	0	432.1	26.54	6.12	-0.007	12.72
1/25/2013 15:00	30731	6.279	213	9.17	11.74	4.891	340.3	21.76	9.95	68.19	68.21	29.09	25.9	0	192.1	26.49	6.118	-0.003	12
1/25/2013 16:00	30732	5.397	224.2	0.05	9.95	3.232	110.6	40.02	8.16	67.58	67.48	29.19	26.19	0	95.9	26.45	6.113	-0.005	14.57
1/25/2013 17:00	30733	5.598	224.6	0.447	11.74	3.408	163.5	22.31	9.95	67.15	67.13	28.89	25.86	0	103.7	26.43	6.107	-0.006	11.77
1/25/2013 18:00	30734	6.529	225.6	0	11.74	4.01	190.9	15.93	8.16	64.51	64.11	29.74	26.49	0	31.01	26.43	6.094	-0.013	12
1/25/2013 19:00	30735	8.36	234.2	6.704	15.31	4.894	189.3	16.57	9.95	60.54	59.82	34.84	31.56	0	1.387	26.42	6.085	-0.01	15.42
1/25/2013 20:00	30736	7.755	239.6	0.111	13.52	4.711	181.9	21.26	9.95	56.73	55.99	40.84	37.11	0	0.019	26.42	6.076	-0.009	15.63
1/25/2013 21:00	30737	9.14	239.4	0	13.52	5.612	172.5	18.44	9.95	53.1	52.19	46.73	42.1	0	0.005	26.41	6.061	-0.015	14.07
1/25/2013 22:00	30738	8.99	239.3	0.192	13.52	5.673	192.4	24.89	9.95	51.52	50.84	51.23	45.46	0	0.006	26.4	6.052	-0.009	16
1/25/2013 23:00	30739	8.34	239.2	0.337	13.52	5.228	199.8	23.83	9.95	50.68	50.14	56.73	49.92	0	0.005	26.4	6.049	-0.003	14.69
1/26/2013 0:00	30740	6.794	239.3	0.357	11.74	4.244	210.9	20	8.16	49.7	49.17	60.33	53.12	0	0.006	26.39	6.045	-0.003	13.47
1/26/2013 1:00	30741	4.175	239.2	0	11.74	1.932	210.8	17.02	6.368	48.64	48.12	66.72	58.66	0	0.003	26.39	6.039	-0.006	12.02
1/26/2013 2:00	30742	6.347	239	0.352	9.95	3.748	188	24.49	8.16	47.77	47.11	68.62	60.74	0	0.001	26.37	6.036	-0.003	11.97
1/26/2013 3:00	30743	5.877	239.1	0.424	9.95	3.478	214.4	24.07	8.16	46.13	45.53	71.91	63.24	0	0.001	26.36	6.036	0	12.04
1/26/2013 4:00	30744	6.348	239.3	0.265	9.95	3.96	216.4	22.97	6.368	45.63	44.84	71.37	63.32	0	0.001	26.34	6.033	-0.003	12.71
1/26/2013 5:00	30745	6.158	239	0.286	8.16	3.479	203.2	23.59	6.368	44.71	43.72	72.82	64.7	0	0.001	26.33	6.035	0.002	11.99
1/26/2013 6:00	30746	6.766	239.1	0.168	9.95	3.739	203.3	17.9	6.368	43.64	42.81	77.08	67.9	0	0	26.32	6.032	-0.003	16.66
1/26/2013 7:00	30747	6.955	239.3	0.299	11.74	4.046	206.6	18.82	8.16	43.68	43.07	76.73	67.63	0	0	26.32	6.028	-0.003	16.43
1/26/2013 8:00	30748	7.09	239.8	0.177	9.95	4.436	221.7	16.09	8.16	45.13	44.54	71.18	62.8	0	1.127	26.32	6.031	0.003	15.86
1/26/2013 9:00	30749	7.486	239.9	0.362	13.52	4.974	216.6	15.83	11.74	45.57	45.27	70.29	61.78	0	68.16	26.32	6.027	-0.004	15.37
1/26/2013 10:00	30750	11.17	250.8	7.838	17.1	7.373	220.9	13.91	13.52	50.21	50.99	59.11	51.41	0	247	26.34	6.026	-0.001	11.9
1/26/2013 11:00	30751	10.14	255.6	1.277	15.31	7.144	228.5	15.11	13.52	55.65	57.24	54.04	46.72	0	450.4	26.39	6.021	-0.005	12.04
1/26/2013 12:00	30752	11.01	258.1	4.556	17.1	7.488	241.8	12.64	13.52	61.05	62.9	52.07	45.35	0	511.5	26.43	6.017	-0.005	16.54
1/26/2013 13:00	30753	13.38	280.8	21.85	22.47	8.87	253.6	10.78	17.1	63.27	64.79	51.74	45.42	0	451.6	26.42	6.017	0	15.83
1/26/2013 14:00	30754	11.11	266.3	14.54	20.68	7.748	255.2	14.7	17.1	67.08	68.81	48.11	42.85	0	564.7	26.39	6.01	-0.007	16.57
1/26/2013 15:00	30755	12.14	274.7	13.02	18.89	8.53	262.6	11.18	15.31	69.06	70.66	42.83	38.66	0	437.5	26.38	6.003	-0.006	12.51
1/26/2013 16:00	30756	11.49	273.3	8.72	17.1	7.854	266.9	8.29	13.52	68.35	68.82	41.99	38.8	0	142.6	26.36	5.991	-0.012	15.82
1/26/2013 17:00	30757	9.47	262.7	3.991	15.31	6.198	261	9.24	13.52	66.57	66.7	45.64	41.97	0	86.8	26.33	5.985	-0.005	11.77
1/26/2013 18:00	30758	6.391	259.4	0.283	11.74	3.696	248.4	9.66	8.16	65.4	65.03	48.87	45.24	0	25.58	26.3	5.98	-0.006	15.31
1/26/2013 19:00	30759	4.137	259.1	0.163	8.16	2.278	186.9	30.15	6.368	63.31	61.77	53.28	50.78	0	1.129	26.28	5.977	-0.003	13.75
1/26/2013 20:00	30760	6.276	259.1	0.287	9.95	2.994	211.4	15.26	6.368	61.89	60.2	56.21	53.2	0	0.029	26.27	5.974	-0.003	12.03
1/26/2013 21:00	30761	6.348	259.1	0	9.95	3.274	223.2	15.18	6.368	61.09	59.97	60.69	56.07	0	0.032	26.27	5.971	-0.003	11.97
1/26/2013 22:00	30762	4.542	259	0	9.95	1.636	244.9	11.56	6.368	59.73	58.49	70.48	64.27	0	0.019	26.27	5.968	-0.003	11.69
1/26/2013 23:00	30763	3.076	259	0	8.16	0.81	249.4	4.699	4.578	57.88	56.08	76.97	70.6	0	0.019	26.26	5.968	0.001	11.99
1/27/2013 0:00	30764	7.972	259.4	1.32	13.52	4.525	259.6	9.31	11.74	56.16	55.44	90.4	80.1	0	0.014	26.27	5.969	0	16.67
1/27/2013 1:00	30765	8.85	261.4	5.017	17.1	5.722	266.7	8.44	11.74	56.87	56.66	95.4	85.2	0	0.023	26.26	5.965	-0.003	11.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/27/2013 2:00	30766	4.543	257.8	0.234	9.95	2.567	284.4	8.83	6.368	55.93	55.27	98.2	88.4	0	0.022	26.26	5.962	-0.003	11.72
1/27/2013 3:00	30767	1.674	257.2	0.093	8.16	1.086	287.2	7.061	4.578	55.06	54.07	99.9	93.5	0	0.006	26.25	5.963	0.001	11.94
1/27/2013 4:00	30768	2.077	257	0.236	6.368	1.03	313.5	8.58	4.578	54.67	53.16	99.9	95.4	0	0.006	26.25	5.963	0	16.73
1/27/2013 5:00	30769	0.323	256.3	0.022	8.16	0.552	267.2	8.88	4.578	54.16	52.56	99.9	96.9	0	0.003	26.24	5.963	0	12.06
1/27/2013 6:00	30770	2.687	256.2	0.094	8.16	0.591	270.5	10.32	4.578	53.05	51.64	99.9	99.9	0	0	26.23	5.963	0	11.98
1/27/2013 7:00	30771	4.281	256.3	0	8.16	0.818	267.5	5.332	4.578	51.29	49.69	99.9	99.9	0	0.001	26.23	5.963	0	12
1/27/2013 8:00	30772	5.984	256.3	0	9.95	3.333	268.1	10.6	6.368	51.77	50.89	99.8	99.9	0	1.263	26.23	5.96	-0.003	11.74
1/27/2013 9:00	30773	3.429	255.8	0	8.16	2.42	282.2	13.6	6.368	52.19	51.31	98	99.9	0	79.31	26.25	5.96	0	12.02
1/27/2013 10:00	30774	6.22	257.3	0.827	11.74	5.002	279	6.435	8.16	55.43	55.34	91.9	97.7	0	274.4	26.28	5.962	0.002	15.89
1/27/2013 11:00	30775	11.63	214.7	55.1	24.26	9.54	292.4	8.26	20.68	62.45	62.62	67	64.53	0	477.1	26.34	5.961	-0.001	11.67
1/27/2013 12:00	30776	14.43	162	22.77	22.47	11.86	303.7	7.38	18.89	66.37	67.1	47.09	44.18	0	583.5	26.36	5.959	-0.001	15.87
1/27/2013 13:00	30777	15.18	141.8	34.91	24.26	12.47	296.7	7.587	22.47	68.59	69.39	39.64	37.68	0	677.4	26.36	5.956	-0.003	12.2
1/27/2013 14:00	30778	17.94	106.2	35.79	31.42	14.78	293	6.46	29.63	69.79	70.45	35.71	33.73	0	671.9	26.34	5.943	-0.013	11.74
1/27/2013 15:00	30779	18.56	100.9	35.37	33.21	14.97	292.8	7.004	29.63	71.36	72.02	31.73	29.69	0	599.9	26.31	5.934	-0.01	15.53
1/27/2013 16:00	30780	22.16	87	26.59	36.78	17.84	292.8	6.541	31.42	71.34	71.76	29.88	27.47	0	447.1	26.3	5.902	-0.032	16.28
1/27/2013 17:00	30781	18.36	105.7	27.73	29.63	14.94	293.9	6.001	24.26	70.7	70.92	32.08	29.84	0	345.8	26.29	5.886	-0.016	16.62
1/27/2013 18:00	30782	15.28	141.9	30.6	27.84	12.28	296.4	6.349	26.05	69.82	69.74	31.68	29.62	0	146.7	26.28	5.871	-0.015	12.17
1/27/2013 19:00	30783	9.62	178.5	9.31	18.89	7.197	297.7	6.344	13.52	65.95	64.96	35.19	33.8	0	7.38	26.28	5.863	-0.008	12
1/27/2013 20:00	30784	8.77	184	0.64	15.31	5.632	306.1	6.067	11.74	61.89	60.13	42.44	41.3	0	0.026	26.26	5.856	-0.006	12.01
1/27/2013 21:00	30785	7.716	184.7	0	11.74	4.197	321	5.865	8.16	58.71	55.77	48.23	47.64	0	0.01	26.24	5.851	-0.005	16.67
1/27/2013 22:00	30786	6.423	185.5	0	13.52	4.291	314.1	36.03	9.95	56.68	55.01	52.07	49.32	0	0.008	26.22	5.849	-0.002	12.2
1/27/2013 23:00	30787	4.234	210.2	30.12	13.52	2.759	205.7	26.52	8.16	54.05	50.12	57.38	56.8	0	0.003	26.22	5.846	-0.003	16.63
1/28/2013 0:00	30788	6.372	253.1	0.157	9.95	2.666	221.9	11.72	4.578	51.29	48.08	62.43	60.38	0	0.001	26.22	5.842	-0.003	11.46
1/28/2013 1:00	30789	4.758	252.9	0.169	11.74	1.319	217.2	14.96	4.578	51.39	48.26	61.94	60.03	0	0.002	26.2	5.842	0	11.99
1/28/2013 2:00	30790	4.421	252.9	0.202	9.95	1.136	248.8	21.09	4.578	51.03	47.63	62.21	60.63	0	0.001	26.2	5.836	-0.006	12.03
1/28/2013 3:00	30791	3.89	252.4	0.249	8.16	0.943	266.3	21.01	6.368	50.58	47.29	62.94	60.85	0	0	26.19	5.837	0.001	15.97
1/28/2013 4:00	30792	3.218	252.4	0.122	6.368	0.497	202	26.02	2.789	50.26	46.88	73.55	65.96	0	0.001	26.18	5.834	-0.003	12.03
1/28/2013 5:00	30793	1.582	252.3	0.055	6.368	0.63	166.5	16.64	2.789	51.52	48.49	89.8	79.09	0	0.001	26.17	5.834	-0.001	14.67
1/28/2013 6:00	30794	0.604	252.1	0.053	4.578	0.986	191.4	44.75	4.578	51.49	45.63	95.5	82.3	0	0.001	26.15	5.834	0	11.71
1/28/2013 7:00	30795	5.395	251.8	0	8.16	2.08	201.9	24.15	4.578	50.52	45.99	98.9	86.7	0	0.001	26.15	5.835	0.001	12.06
1/28/2013 8:00	30796	1.875	251.8	0.179	6.368	0.012	268	2.827	2.789	47.56	45.33	99.7	88.8	0	2.419	26.16	5.831	-0.003	13.53
1/28/2013 9:00	30797	4.208	252.1	1.51	11.74	1.936	255.9	10.56	8.16	46.31	45.58	99.9	94	0	66.14	26.16	5.831	-0.001	12.03
1/28/2013 10:00	30798	8.25	256.5	7.382	13.52	5.74	268.9	7.517	11.74	52.38	52.77	96.6	99.9	0	285.8	26.19	5.833	0.002	12.02
1/28/2013 11:00	30799	11.18	273.2	12.87	17.1	8.19	274.2	6.6	13.52	59.47	60.87	72.93	69.61	0	492.4	26.27	5.834	0.001	12.67
1/28/2013 12:00	30800	14.99	308.3	26.03	22.47	10.83	272.9	6.546	18.89	64.63	66.25	47.66	43.21	0	637.5	26.3	5.832	-0.002	16.13
1/28/2013 13:00	30801	18.95	9.67	34.09	29.63	14.01	278.7	6.767	24.26	67.83	69.19	36.64	33.66	0	704.6	26.28	5.826	-0.006	11.78
1/28/2013 14:00	30802	21.69	33.77	28.84	38.57	16.28	282	6.477	29.63	70.63	71.81	26.37	23.55	0	708	26.25	5.807	-0.019	12.44
1/28/2013 15:00	30803	21.75	50.88	18.89	34.99	17.04	285.2	5.509	29.63	71.94	72.61	21.41	18.57	0	569.4	26.23	5.781	-0.025	11.98
1/28/2013 16:00	30804	20.64	55.01	24.06	33.21	15.86	284.7	5.784	26.05	70.93	71.15	21.55	18.65	0	293.8	26.21	5.759	-0.022	16.31
1/28/2013 17:00	30805	17.84	22.45	30.54	29.63	13.12	280.9	5.451	24.26	70.08	69.99	20.38	17.39	0	150	26.19	5.744	-0.015	16.44
1/28/2013 18:00	30806	13.71	117.2	89.1	22.47	10.47	288.7	6.64	18.89	68.39	67.8	21.83	19.12	0	41.91	26.17	5.729	-0.015	16.56
1/28/2013 19:00	30807	6.883	181.7	0.987	13.52	4.453	287.3	7.939	9.95	64.94	63.53	27.65	25.65	0	3.002	26.15	5.704	-0.025	16.72
1/28/2013 20:00	30808	4.467	182.2	0.192	8.16	1.409	262.8	14.76	6.368	62.03	58.66	31.66	31.86	0	0.018	26.13	5.702	-0.003	16.7
1/28/2013 21:00	30809	3.371	182.4	0	6.368	1.437	190.5	10.72	4.578	57.86	54.64	34.63	35.51	0	0.011	26.1	5.696	-0.005	16.68
1/28/2013 22:00	30810	0.467	182.4	0	4.578	0.898	132.3	38.95	4.578	56.68	53.98	35.3	37.12	0	0.006	26.08	5.697	0	11.65

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/28/2013 23:00	30811	4.937	187	19.05	17.1	2.366	302.7	31.51	11.74	56.96	52.36	36.03	40.47	0	0.003	26.05	5.693	-0.003	11.92
1/29/2013 0:00	30812	8.3	254.8	4.424	15.31	4.499	269.1	17.03	9.95	56.42	54.37	40.88	39.29	0	0.006	26.06	5.69	-0.003	16.62
1/29/2013 1:00	30813	7.568	195.9	27.72	15.31	4.563	309.7	15.72	11.74	55.32	53.08	46.42	46.26	0	0.006	26.06	5.69	0	12.58
1/29/2013 2:00	30814	6.607	184.1	0	11.74	3.577	318.3	7.378	8.16	52.01	48.73	44.78	45.1	0	0.001	26.04	5.684	-0.006	11.99
1/29/2013 3:00	30815	9.27	186.8	1.592	13.52	6.309	319.9	5.363	9.95	51.46	50.11	47.15	43.88	0	0.001	26.01	5.681	-0.003	15.05
1/29/2013 4:00	30816	6.836	188.9	0	11.74	4.375	317.6	6.08	8.16	49.32	47.91	53.23	48.73	0	0.001	26	5.681	0	11.98
1/29/2013 5:00	30817	9.38	189.4	0.476	15.31	6.838	320.6	5.61	13.52	49.06	47.97	56.26	51.05	0	0.001	25.99	5.678	-0.003	12.02
1/29/2013 6:00	30818	10.83	190.2	2.926	17.1	8.56	315.7	5.903	13.52	49.5	48.65	56.43	50.83	0	0.001	25.98	5.674	-0.003	11.45
1/29/2013 7:00	30819	10.23	192.1	4.488	17.1	7.733	313.7	6.91	15.31	48.92	48.24	57.51	51.55	0	0.001	25.98	5.671	-0.003	11.75
1/29/2013 8:00	30820	10.24	192.5	7.55	20.68	7.613	312.2	8.4	17.1	48.57	48.15	57.37	51.02	0	0.929	26	5.671	0	12.59
1/29/2013 9:00	30821	18.62	147.2	25.79	38.57	13.94	311.1	9.49	31.42	47.45	47.22	49.38	43.79	0	50.98	26.02	5.665	-0.006	16.54
1/29/2013 10:00	30822	23.15	116.4	23.73	42.15	16.78	303.8	9.9	34.99	46.45	46.49	46.05	40.43	0	148	26.04	5.658	-0.006	16.17
1/29/2013 11:00	30823	22.22	90.2	19.17	40.36	17.81	293.9	5.139	34.99	46.28	46.44	45.5	39.72	0	174.6	26.03	5.652	-0.006	11.41
1/29/2013 12:00	30824	23.26	91.1	20.66	40.36	17.82	294.9	7.072	33.21	46.15	46.32	44.94	39.22	0	191.6	26.02	5.643	-0.01	16.5
1/29/2013 13:00	30825	25.66	89.7	17.95	38.57	20.16	296	5.609	34.99	48.18	48.6	36.54	31.63	0	389.2	26	5.633	-0.01	11.72
1/29/2013 14:00	30826	30.63	86.3	19.05	49.31	23.57	296.6	5.892	40.36	49.78	50.5	31.57	26.35	0	636.1	26	5.62	-0.013	16.1
1/29/2013 15:00	30827	30.91	85.4	18	51.1	24.09	296.6	6.368	42.15	49.78	50.63	32.09	26.51	0	658.2	26.01	5.603	-0.017	16.19
1/29/2013 16:00	30828	31.77	85.1	19.52	52.89	24.5	296.6	5.993	43.94	48.14	48.68	31.87	26.38	0	428	26	5.592	-0.012	11.99
1/29/2013 17:00	30829	30.61	85.7	18.17	49.31	23.68	296.8	5.98	40.36	47.16	47.53	30.11	24.52	0	321.1	26	5.579	-0.012	11.82
1/29/2013 18:00	30830	24.78	100.1	24.8	42.15	18.66	298.6	7.356	38.57	46.14	46.14	27.99	22.55	0	97	26	5.57	-0.01	12.02
1/29/2013 19:00	30831	21.11	124.8	22.98	40.36	14.53	304.4	9.2	31.42	44.38	44.12	31.68	26.35	0	7.471	26	5.564	-0.006	11.81
1/29/2013 20:00	30832	16.7	140.2	19.8	31.42	11.43	301.8	8.26	22.47	42.51	42.08	35.92	30.82	0	0	26	5.556	-0.008	11.99
1/29/2013 21:00	30833	14.85	148.4	17.74	24.26	10.42	300.4	7.282	18.89	40.98	40.45	36.62	31.59	0	0	26.02	5.549	-0.006	12
1/29/2013 22:00	30834	11.01	172.6	12.99	20.68	7.131	304.1	9.07	15.31	38.86	38.24	35.37	30.26	0	0	26.05	5.546	-0.003	11.92
1/29/2013 23:00	30835	8.82	181	8.02	24.26	6.12	309.9	8.94	17.1	35.9	35.26	35.48	30.15	0	0	26.06	5.543	-0.003	16.65
1/30/2013 0:00	30836	23.08	151	9.97	38.57	17.49	321.7	8.68	33.21	36.31	36.02	50.25	42.03	0	0	26.09	5.537	-0.006	14.57
1/30/2013 1:00	30837	17.56	178.9	12.63	49.31	8.85	338.9	22.36	27.84	32.85	32.67	71.07	59.73	0	0	26.12	5.541	0.004	15.6
1/30/2013 2:00	30838	12.34	197.9	3.752	20.68	7.175	346	21.86	15.31	30.72	30.51	78.46	66.28	0	0	26.13	5.535	-0.006	11.98
1/30/2013 3:00	30839	9.6	199.3	0.687	13.52	6.513	324.3	11.12	11.74	29.35	29.02	81.2	68.74	0	0	26.14	5.532	-0.003	11.87
1/30/2013 4:00	30840	8.87	200.2	0.361	11.74	4.014	332.6	20.66	8.16	28.51	27.83	79.65	68.77	0	0	26.15	5.529	-0.003	15.64
1/30/2013 5:00	30841	9.68	198.9	1.847	15.31	6.786	321.6	7.764	13.52	27.38	26.83	75.29	64.84	0	0	26.17	5.53	0.001	11.73
1/30/2013 6:00	30842	10.45	194.7	5.237	18.89	7.315	322.9	8.03	15.31	26.76	26.31	73.67	62.9	0	0	26.19	5.53	0	11.91
1/30/2013 7:00	30843	10.58	190.6	2.169	17.1	6.104	327.3	18.54	13.52	25.96	25.52	77	65.13	0	0	26.21	5.533	0.003	11.92
1/30/2013 8:00	30844	9.04	191.7	0.263	13.52	5.525	324.7	10.3	8.16	24.55	23.88	80.5	68.59	0	3.005	26.22	5.531	-0.003	15.43
1/30/2013 9:00	30845	7.271	201.6	3.936	11.74	4.897	323.1	10.86	9.95	28.22	28.08	70.92	60.2	0	125.4	26.25	5.533	0.002	15.84
1/30/2013 10:00	30846	9.66	201.4	1.817	15.31	7.697	335.2	8.23	13.52	35.11	35.43	51.36	44.18	0	342.8	26.31	5.527	-0.005	11.98
1/30/2013 11:00	30847	8.48	241.1	48.53	17.1	7.091	323.6	15.68	17.1	39.81	40.45	39.25	33.65	0	513	26.39	7	1.473	14.92
1/30/2013 12:00	30848	13.33	292.2	15.95	26.05	10.81	315.2	9.12	22.47	42.33	43.02	33.57	28.18	0	664.5	26.43	7	0	16.05
1/30/2013 13:00	30849	14.62	294.3	18.19	31.42	11.56	316.3	9.72	24.26	43.9	44.75	30.81	25.16	0	741.7	26.41	6.999	-0.001	16.16
1/30/2013 14:00	30850	15.28	291.4	16.68	29.63	12.21	315.2	9.23	24.26	45.5	46.39	24.35	18.54	0	751.2	26.4	6.999	0	16.23
1/30/2013 15:00	30851	15.8	286.8	17.16	31.42	11.88	312.4	10.73	24.26	46.98	47.98	19.52	13.34	0	688.9	26.38	6.998	-0.001	16.06
1/30/2013 16:00	30852	15.21	289.5	15.77	27.84	11.2	313	10.25	22.47	48.65	49.67	16.65	10.27	0	563.7	26.37	6.998	0	15.95
1/30/2013 17:00	30853	15.41	297.3	14.5	26.05	11.85	315.6	9.54	20.68	49.2	49.86	15.63	9.18	0	388.3	26.37	6.992	-0.006	16.11
1/30/2013 18:00	30854	11.89	287.7	13.88	20.68	8.73	310.9	10.08	18.89	49.11	49.3	16.22	9.92	0	178.3	26.36	6.986	-0.006	10.97
1/30/2013 19:00	30855	8.18	261	11.62	17.1	4.254	296.4	7.272	11.74	45.86	44.65	21.69	16.77	0	10.44	26.34	6.978	-0.008	11.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/30/2013 20:00	30856	3.666	268	18.85	6.368	1.05	288.5	24.77	4.578	42.16	38.2	25.33	23.18	0	0.005	26.32	6.977	-0.001	13.36
1/30/2013 21:00	30857	2.911	263.2	16.92	6.368	0.338	277.6	18.34	4.578	39.76	35.19	27.33	27.24	0	0.001	26.3	6.974	-0.003	12.01
1/30/2013 22:00	30858	4.285	250.8	26.61	8.16	0.928	275.7	18.51	4.578	38.27	33.17	28.94	29.11	0	0	26.28	6.97	-0.004	11.85
1/30/2013 23:00	30859	2.413	281.2	6.774	8.16	0.724	269.6	23.93	2.789	36.85	32.07	31.06	31.15	0	0	26.27	6.967	-0.003	12
1/31/2013 0:00	30860	3.498	259.5	5.11	6.368	0.31	272.7	11.14	2.789	35.42	31.03	33.45	32.99	0	0	26.27	6.964	-0.003	11.81
1/31/2013 1:00	30861	4.821	221.7	23.25	8.16	1.277	258.4	9.4	4.578	34.92	28.87	34.29	37.23	0	0	26.26	6.964	0	11.44
1/31/2013 2:00	30862	6.176	196.5	10.79	9.95	1.364	260.4	5.566	4.578	31.53	26.61	40.47	41.45	0	0	26.27	6.965	0.001	11.86
1/31/2013 3:00	30863	6.367	222.4	13.35	9.95	2.419	280.8	8.85	6.368	31.64	28.78	41.12	39.26	0	0	26.27	6.965	0	12.09
1/31/2013 4:00	30864	3.148	233.9	12.36	8.16	0.916	296.9	26.65	4.578	30.54	28.32	42.77	40.18	0	0	26.27	6.965	0	11.41
1/31/2013 5:00	30865	3.346	293.7	25.79	8.16	0.904	315.8	35.04	6.368	32.17	28.71	40.33	40.22	0	0	26.26	6.965	0	11.99
1/31/2013 6:00	30866	5.567	310	8.6	8.16	1.277	315.5	7.303	4.578	31.78	28.05	42.79	42.24	0	0	26.26	6.965	0	16.37
1/31/2013 7:00	30867	8.49	314.7	7.269	15.31	4.387	323.8	6.706	9.95	32.85	30.11	40.84	39.45	0	0	26.27	6.964	-0.001	11.74
1/31/2013 8:00	30868	8.37	309.9	7.571	13.52	5.036	321.3	6.18	9.95	31.41	29.7	44.09	40.31	0	3.456	26.28	6.964	0	12.04
1/31/2013 9:00	30869	10.16	303.2	8.94	15.31	7.801	318.9	5.767	13.52	35.92	35.13	38.23	33.69	0	128.1	26.31	6.963	-0.001	12.52
1/31/2013 10:00	30870	9.87	291.7	11.58	17.1	7.706	314.1	7.674	15.31	46.37	46.21	28.53	23.92	0	331.2	26.4	6.966	0.003	15.99
1/31/2013 11:00	30871	15.08	294.7	12.3	31.42	12.05	315.6	8.14	26.05	53.01	53.18	25.66	21.18	0	511.2	26.47	6.944	-0.022	16.5
1/31/2013 12:00	30872	16.61	304	13	26.05	12.82	319.7	8.12	24.26	54.36	54.9	26.05	21.4	0	640.4	26.5	6.938	-0.007	16.29
1/31/2013 13:00	30873	17.49	313.9	15.3	29.63	13.52	324.5	9.14	24.26	57.06	57.8	24.98	20.37	0	712.9	26.49	6.934	-0.003	13.46
1/31/2013 14:00	30874	14.8	323.6	16.69	26.05	11.63	329.7	12.85	22.47	59.71	60.67	21.4	16.8	0	737.6	26.48	6.93	-0.005	11.75
1/31/2013 15:00	30875	12.35	323.1	16.6	22.47	9.7	329.2	10.66	18.89	60.87	61.59	18.72	14.09	0	596.1	26.48	6.926	-0.003	11.77
1/31/2013 16:00	30876	11.24	324.1	15.57	18.89	8.96	330.2	10.94	17.1	61.32	61.96	17.67	12.98	0	474.8	26.49	6.923	-0.003	14.56
1/31/2013 17:00	30877	9.9	318.9	16.4	17.1	7.796	327.2	11.37	15.31	61.47	61.75	17.46	12.89	0	329.1	26.47	6.915	-0.008	12.32
1/31/2013 18:00	30878	7.911	332.5	11.34	15.31	6.006	335.3	9.7	13.52	60.66	60.4	17.58	13.38	0	153.2	26.47	6.912	-0.003	12.13
1/31/2013 19:00	30879	2.077	2.738	26.45	4.578	0.785	173.9	32.42	4.578	55.66	52.81	22.55	20.28	0	5.547	26.45	6.907	-0.005	16.53
1/31/2013 20:00	30880	4.781	41.84	7.566	8.16	1.857	138.2	17.5	4.578	53.22	49.63	25.04	24.59	0	0.015	26.42	6.902	-0.005	12.62
1/31/2013 21:00	30881	5.129	60.43	8.54	6.368	2.381	157.4	13.13	4.578	50.44	46.54	27.8	28.26	0	0.008	26.42	6.896	-0.006	16.34
1/31/2013 22:00	30882	6.193	90.3	7.242	8.16	2.874	163.2	14.2	4.578	49.93	45.33	27.49	28.78	0	0.007	26.42	6.894	-0.002	12
1/31/2013 23:00	30883	4.433	126	11.83	6.368	1.643	186.1	21.05	4.578	46.01	43.1	31.77	30.37	0	0.005	26.42	6.891	-0.002	12.09
2/1/2013 0:00	30884	3.129	124.3	21.08	6.368	1.461	172.1	16	4.578	44.8	42.38	32.95	30.91	0	0.003	26.42	6.888	-0.003	12.14
2/1/2013 1:00	30885	3.256	60.22	11.07	6.368	1.369	160.4	21.62	4.578	43.07	39.02	35.74	37.31	0	0.001	26.41	6.885	-0.003	11.98
2/1/2013 2:00	30886	4.899	105.6	15.38	6.368	2.591	172.3	13.75	4.578	41.51	37.49	37.66	38.92	0	0	26.4	6.882	-0.003	15.69
2/1/2013 3:00	30887	5.115	155.3	19.29	9.95	1.654	198.5	18.19	4.578	41.05	36.88	37.82	38.19	0	0	26.39	6.879	-0.003	12.53
2/1/2013 4:00	30888	2.663	183.4	1.205	6.368	0.811	152.6	9.94	4.578	40.81	36.44	37.84	39	0	0	26.39	6.877	-0.002	14.02
2/1/2013 5:00	30889	10.2	72.74	21.92	15.31	6.475	157.3	17.9	11.74	34.5	33.1	57.63	50.56	0	0	26.38	6.875	-0.003	12
2/1/2013 6:00	30890	10.64	70.5	6.929	17.1	6.57	155.7	19.18	11.74	31.06	30.18	69.78	60.06	0	0	26.37	6.875	0	12.03
2/1/2013 7:00	30891	10.34	77.3	12.09	13.52	6.118	168.3	24.65	9.95	30.59	29.6	73.78	63.75	0	0	26.36	6.875	0	11.96
2/1/2013 8:00	30892	10.42	67.74	6.987	13.52	6.71	158.4	19.3	11.74	29.63	28.85	78.56	67.39	0	3.587	26.37	6.868	-0.006	12.12
2/1/2013 9:00	30893	10.75	68.12	8.27	15.31	6.958	156.2	21.03	11.74	31.23	31.24	77.85	65.89	0	132	26.38	6.865	-0.003	12.95
2/1/2013 10:00	30894	9.73	83	10.68	15.31	6.589	175.8	23.59	11.74	37.29	38.44	66.1	55.92	0	347.6	26.42	6.863	-0.002	11.56
2/1/2013 11:00	30895	8.43	147.2	24.2	13.52	5.918	239.7	21.22	11.74	45.99	47.64	44.48	38.74	0	530.1	26.48	6.86	-0.003	14.49
2/1/2013 12:00	30896	13.85	188.9	12.84	24.26	9.72	265.4	8.92	20.68	53.05	54.74	31.45	26.82	0	659.4	26.52	6.855	-0.005	11.99
2/1/2013 13:00	30897	17.87	198.7	10.43	29.63	12.6	270.8	6.762	22.47	58.49	60.24	22.79	18.1	0	731.4	26.52	6.845	-0.01	13.4
2/1/2013 14:00	30898	16.93	204.1	10.55	27.84	12.21	272.8	6.658	20.68	61.38	63.21	19.37	14.63	0	739.5	26.49	6.831	-0.014	16.29
2/1/2013 15:00	30899	14.9	219.5	14.35	24.26	10.89	278.7	7.611	20.68	63.12	64.53	18.29	13.74	0	681.8	26.47	6.818	-0.013	16.23
2/1/2013 16:00	30900	14.15	218.1	12.1	24.26	10.43	278.3	6.409	17.1	64.61	65.82	17.37	12.86	0	559.4	26.45	6.802	-0.016	11.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/1/2013 17:00	30901	13.18	236.5	11.93	22.47	9.01	285.4	7.359	17.1	65.36	65.93	16.41	12.18	0	387.2	26.44	6.786	-0.016	12.01
2/1/2013 18:00	30902	10.31	228.4	8.64	17.1	7.452	281.9	5.146	13.52	64.79	64.84	17.47	13.52	0	181.3	26.42	6.771	-0.015	15.82
2/1/2013 19:00	30903	7.736	218.8	11.14	11.74	4.085	277.6	6.262	8.16	60.17	57.85	20.98	18.39	0	12.26	26.4	6.76	-0.011	12.02
2/1/2013 20:00	30904	7.248	202.6	5.227	11.74	3.014	265.7	7.525	6.368	53.79	49.6	26.73	25.38	0	0.012	26.36	6.753	-0.007	16.14
2/1/2013 21:00	30905	6.897	212.8	5.959	9.95	2.754	279	5.11	4.578	51.31	47.65	29.54	28.26	0	0.003	26.34	6.75	-0.003	12.08
2/1/2013 22:00	30906	5.183	233.3	8.99	9.95	1.255	297.8	5.759	4.578	47.95	44.52	32.54	31.34	0	0.003	26.34	6.748	-0.001	11.91
2/1/2013 23:00	30907	3.819	235.3	20.91	8.16	1.222	294.7	33.59	4.578	46.3	43.06	34.57	33.32	0	0.001	26.33	6.746	-0.003	16.65
2/2/2013 0:00	30908	2.842	228.6	22.69	6.368	0.709	318.6	17.73	4.578	45.31	41.25	35.97	36.18	0	0	26.32	6.742	-0.003	15.02
2/2/2013 1:00	30909	5.063	259	10.86	9.95	0.872	304	9.1	4.578	45.46	39.67	36.37	38.53	0	0	26.32	6.742	0	12.69
2/2/2013 2:00	30910	4.633	251.4	8.81	9.95	1.277	322.9	33.46	6.368	42.84	38.23	39.7	40.69	0	0	26.31	6.739	-0.003	11.6
2/2/2013 3:00	30911	4.898	288.3	25.66	9.95	2.379	331.8	11.44	8.16	43.77	39.22	37.53	39.42	0	0	26.32	6.736	-0.003	11.79
2/2/2013 4:00	30912	7.533	315.9	10.29	13.52	4.372	327.8	9.08	9.95	40.49	37.84	39.58	38.08	0	0	26.33	6.733	-0.003	16.31
2/2/2013 5:00	30913	10.15	317.5	12.13	18.89	6.481	327.1	7.087	15.31	38.52	36.63	42.56	39.32	0	0	26.34	6.734	0.001	15.34
2/2/2013 6:00	30914	16.47	338.2	7.814	26.05	12.89	337.1	7.427	20.68	45.13	44.05	34.26	30.67	0	0.002	26.37	6.73	-0.004	15.67
2/2/2013 7:00	30915	14.47	354.9	10.08	22.47	10.11	352.8	19.43	17.1	42.99	42.11	39.65	35.55	0	0.003	26.4	6.73	0	11.69
2/2/2013 8:00	30916	15.59	5.835	7.181	24.26	10.66	9.43	24.49	17.1	43.42	42.65	40.32	36	0	3.993	26.43	6.726	-0.003	11.99
2/2/2013 9:00	30917	16.41	10.7	8	24.26	11.63	23.57	28.98	22.47	43.89	43.39	40.92	36.14	0	97.1	26.46	6.723	-0.003	12.85
2/2/2013 10:00	30918	17.14	18.34	9.66	27.84	12.71	48.64	33.97	22.47	46.97	46.83	37.92	33.24	0	285.6	26.5	6.715	-0.009	11.99
2/2/2013 11:00	30919	16.92	29.28	10.2	26.05	11.52	78.39	34.31	22.47	51.38	51.63	33.69	29.18	0	542.2	26.56	6.707	-0.008	13.02
2/2/2013 12:00	30920	14.28	43.22	12.92	24.26	8.42	107.6	33.31	17.1	55.44	56.07	29.51	25.11	0	657.8	26.63	6.7	-0.007	16.15
2/2/2013 13:00	30921	11.55	55.86	16.98	18.89	7.262	131.3	37.18	15.31	58.32	59.45	25.88	21.38	0	733.8	26.66	6.693	-0.007	15.75
2/2/2013 14:00	30922	10.63	75.93	18.56	18.89	7.171	163.2	35.97	17.1	60.42	62.28	23.12	18.28	0	741.9	26.65	6.685	-0.008	15.54
2/2/2013 15:00	30923	11.14	72.32	18	18.89	7.328	158.7	35.03	15.31	61.44	63.17	21.17	16.26	0	661.3	26.64	6.672	-0.013	11.76
2/2/2013 16:00	30924	9.45	83.7	16.69	17.1	6.477	177.3	31.94	15.31	61.73	63.05	20.68	15.94	0	459.5	26.63	6.659	-0.013	16.61
2/2/2013 17:00	30925	8.01	97.5	20.52	15.31	5.68	192.1	30.82	11.74	62.17	63.41	20.09	15.4	0	373.2	26.61	6.654	-0.006	13.06
2/2/2013 18:00	30926	8.13	113.8	13.28	13.52	5.402	213.1	18.17	11.74	60.46	60.8	22.45	18.24	0	145.3	26.6	6.646	-0.008	16.24
2/2/2013 19:00	30927	6.952	118.6	6.233	11.74	3.349	210.7	14.38	8.16	55.82	53.84	27.65	24.96	0	14.42	26.58	6.637	-0.009	15.84
2/2/2013 20:00	30928	7.733	111.9	4.257	9.95	3.445	189.7	13.34	6.368	50.12	45.96	32.41	31.64	0	0.005	26.55	6.629	-0.008	12
2/2/2013 21:00	30929	8.07	112.6	5.813	11.74	3.75	199.5	16.16	6.368	48.08	44.43	35.17	34.05	0	0.001	26.53	6.621	-0.008	11.69
2/2/2013 22:00	30930	7.595	115.7	6.233	9.95	3.443	206	14.8	6.368	46.14	43.44	38.15	36.15	0	0.001	26.52	6.619	-0.002	12.08
2/2/2013 23:00	30931	8.02	127.1	7.522	11.74	3.563	217.3	12.56	6.368	44.91	42.09	40.17	38.42	0	0.001	26.52	6.615	-0.003	15.24
2/3/2013 0:00	30932	6.593	133.2	6.33	9.95	2.221	217.5	10.74	6.368	42.92	40.16	44.35	41.81	0	0	26.51	6.612	-0.003	15.55
2/3/2013 1:00	30933	7.317	131.8	5.263	13.52	2.746	215.2	10.48	6.368	42.47	39.12	46.74	44.74	0	0	26.5	6.609	-0.003	12.53
2/3/2013 2:00	30934	7.463	123.6	4.997	9.95	3.199	209.7	12.88	6.368	41.66	38.73	49.15	46.43	0	0	26.49	6.606	-0.003	13.55
2/3/2013 3:00	30935	8.18	126	6.1	11.74	3.625	214.4	12.43	6.368	41.07	38.51	50.67	47.45	0	0	26.47	6.603	-0.003	12.06
2/3/2013 4:00	30936	7.17	129.3	4.509	9.95	2.606	207.4	10.56	4.578	40.45	36.9	52.24	50.12	0	0	26.45	6.6	-0.003	14.59
2/3/2013 5:00	30937	4.289	144.7	12.41	8.16	1.106	222.6	16.18	4.578	38.94	36.02	55.52	52.07	0	0	26.44	6.597	-0.003	12.01
2/3/2013 6:00	30938	2.081	194.9	4.172	8.16	0.627	294.4	13.4	6.368	37.35	35.01	58.61	53.75	0	0	26.43	6.598	0.002	11.42
2/3/2013 7:00	30939	1.684	235	21.18	6.368	0.334	341.3	17.8	2.789	37.04	33.84	59.16	55.73	0	0	26.42	6.595	-0.003	12.09
2/3/2013 8:00	30940	1.248	163.8	26.25	6.368	0.692	172.9	6.751	2.789	37.47	33.74	59.4	56.95	0	5.201	26.41	6.595	0	16.34
2/3/2013 9:00	30941	4.756	144.3	6.771	13.52	1.891	224.5	18.43	9.95	40.73	39.8	55.33	50.04	0	117.7	26.42	6.587	-0.008	12.07
2/3/2013 10:00	30942	12.63	156	9.21	20.68	8.19	246.9	9.18	17.1	48.74	49.76	46.24	40.37	0	347.3	26.46	6.585	-0.002	16.1
2/3/2013 11:00	30943	16.33	160	9.88	24.26	10.68	249.5	9.16	20.68	53.68	55.18	46.04	40.04	0	493	26.51	6.58	-0.005	14.44
2/3/2013 12:00	30944	15.76	172.7	13.23	24.26	10.35	257	10.43	18.89	56.02	58.01	51.25	44.02	0	613.8	26.52	6.576	-0.004	15.59
2/3/2013 13:00	30945	15.58	170.7	12.14	22.47	10.12	255.6	9.72	18.89	56.37	57.88	54.26	47.04	0	443.5	26.49	6.57	-0.006	12.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/3/2013 14:00	30946	14.96	176.5	14.72	24.26	9.95	258.7	10.37	18.89	58.38	59.96	48.92	42.85	0	441.6	26.43	6.563	-0.006	11.78
2/3/2013 15:00	30947	14.5	173.7	12.27	22.47	9.54	257.1	9.47	17.1	59.06	60.54	46.72	41.22	0	411	26.39	6.557	-0.006	12.43
2/3/2013 16:00	30948	13.77	172.6	11.44	24.26	8.9	257	9.29	18.89	58.71	59.71	43.25	38.69	0	228.1	26.36	6.548	-0.01	12.06
2/3/2013 17:00	30949	13.51	179.9	12.24	22.47	8.65	260.9	9.26	15.31	57.71	58.01	43.98	39.75	0	107.6	26.32	6.538	-0.01	12.06
2/3/2013 18:00	30950	10.93	180.3	12.61	20.68	7.025	260.8	8.7	15.31	57.82	57.89	47.9	43.41	0	78.27	26.29	6.525	-0.013	16.33
2/3/2013 19:00	30951	2.818	177.2	16.06	9.95	1.195	266.2	36.26	6.368	56.39	55.37	49.2	45.69	0	5.368	26.27	6.52	-0.006	16.04
2/3/2013 20:00	30952	7.926	159.1	10.45	13.52	4.039	247.7	9.79	8.16	54.97	53.38	51.68	48.42	0	0.037	26.24	6.517	-0.003	12.05
2/3/2013 21:00	30953	8.32	177.9	8.25	11.74	4.541	259.6	7.813	8.16	52.95	52.1	59.23	53.56	0	0.032	26.24	6.518	0.001	12.03
2/3/2013 22:00	30954	7.666	192.9	9.22	11.74	4.746	267.7	6.908	9.95	52.34	51.75	68.1	61.01	0	0.031	26.23	6.512	-0.006	11.64
2/3/2013 23:00	30955	7.212	204.8	10.96	9.95	4.616	272.7	6.53	8.16	51.37	50.82	73.38	65.48	0	0.019	26.21	6.512	0	15.71
2/4/2013 0:00	30956	6.876	235.4	18.78	11.74	4.362	286.4	9.66	8.16	50.38	49.98	76.59	68.03	0	0.024	26.21	6.509	-0.003	15.71
2/4/2013 1:00	30957	6.634	255.8	8.04	11.74	3.674	295.1	6.87	8.16	50.39	49.87	77.34	69.15	0	0.018	26.2	6.505	-0.003	15.42
2/4/2013 2:00	30958	3.381	239.9	18.56	11.74	1.398	274.5	21.84	6.368	50.21	49.02	74.17	68.38	0	0.016	26.17	6.502	-0.003	12.05
2/4/2013 3:00	30959	6.383	231.4	14.78	9.95	2.898	284.7	8.12	6.368	48.37	47.32	76.83	69.55	0	0.016	26.16	6.499	-0.003	12.01
2/4/2013 4:00	30960	5.5	252.2	5.438	8.16	0.805	305.6	6.203	4.578	45.9	43.73	81.6	73.86	0	0.001	26.14	6.49	-0.009	12.05
2/4/2013 5:00	30961	4.373	266	19.67	8.16	0.278	306.4	4.995	4.578	44.42	40.76	81.2	77.68	0	0.001	26.12	6.488	-0.001	15.4
2/4/2013 6:00	30962	4.288	303.9	7.998	6.368	0.038	327.3	0.895	2.789	44.65	39.8	69.93	74.35	0	0	26.1	6.485	-0.003	12.07
2/4/2013 7:00	30963	5.69	318.7	12.25	9.95	1.393	335.3	5.027	6.368	43.42	39.76	68.59	67.96	0	0	26.1	6.482	-0.003	11.6
2/4/2013 8:00	30964	4.188	309.5	19.29	8.16	0.742	323.7	14.59	4.578	42.92	39.65	64.35	63.61	0	5.182	26.11	6.485	0.003	15.9
2/4/2013 9:00	30965	4.872	278.9	24.5	11.74	2.691	308.5	21.2	9.95	44.63	43.18	58.36	56.21	0	120.6	26.14	6.476	-0.01	12.06
2/4/2013 10:00	30966	15.8	310.3	13.17	33.21	10.53	323.1	13.39	24.26	52.8	52.92	43.06	39.63	0	316.6	26.2	6.47	-0.006	16.64
2/4/2013 11:00	30967	18.52	325.9	9.53	29.63	12.79	331.3	13.18	22.47	56.48	57.2	35.49	31.91	0	516.4	26.28	6.465	-0.005	16.62
2/4/2013 12:00	30968	12.66	347.9	16.8	20.68	10.21	348	24.36	18.89	57.31	58.05	31	27.13	0	651.8	26.31	6.461	-0.004	11.95
2/4/2013 13:00	30969	10.14	5.81	18.95	18.89	7.91	19.95	48.74	17.1	60.19	60.84	26.69	22.94	0	728.5	26.33	6.454	-0.008	12.04
2/4/2013 14:00	30970	10.53	354.9	18.17	18.89	8.45	356.8	34.68	17.1	62.44	63.21	23.42	19.53	0	747.3	26.32	6.447	-0.006	12.05
2/4/2013 15:00	30971	11.28	344.1	16.24	20.68	9.27	344.6	24.77	17.1	63.68	64.35	21.06	17.08	0	650.3	26.31	6.438	-0.01	16.21
2/4/2013 16:00	30972	11.75	357.9	13.98	18.89	9.3	2.254	33.41	17.1	64.45	65.1	20.05	15.96	0	555.9	26.29	6.425	-0.013	16.7
2/4/2013 17:00	30973	11.74	359.1	14.98	22.47	9.18	3.343	33.36	22.47	64.72	65.14	19.37	15.33	0	388.6	26.29	6.412	-0.013	12.07
2/4/2013 18:00	30974	9.93	5.998	16.09	17.1	7.563	16.62	40.73	13.52	63.9	63.9	19.73	15.81	0	178.6	26.28	6.4	-0.012	12.05
2/4/2013 19:00	30975	6.856	9.24	8.26	11.74	4.307	19.28	30.84	8.16	59.87	58.61	22.53	19.64	0	11.22	26.27	6.395	-0.005	12.04
2/4/2013 20:00	30976	7.319	3.506	6.123	9.95	4.237	19.26	26.21	6.368	57.26	54.8	23.6	21.81	0	0.007	26.24	6.387	-0.008	15.65
2/4/2013 21:00	30977	6.169	28.16	8.27	9.95	3.094	93.2	34.67	6.368	53.57	51.35	26.72	24.48	0	0.003	26.23	6.382	-0.005	11.64
2/4/2013 22:00	30978	6.148	32.65	6.074	8.16	2.558	114.1	27.04	6.368	52.52	50	27.44	25.39	0	0.003	26.23	6.375	-0.006	12.03
2/4/2013 23:00	30979	5.338	51.7	5.319	8.16	2.225	144	15.68	4.578	50.51	45.92	30.04	30.81	0	0.001	26.22	6.369	-0.006	11.97
2/5/2013 0:00	30980	6.879	63.38	7.434	9.95	2.874	149.9	16.81	6.368	50.23	44.96	30.42	32.2	0	0.001	26.2	6.368	-0.001	12.05
2/5/2013 1:00	30981	6.544	74.25	5.871	15.31	3.482	158.6	9.83	6.368	48.65	44.01	32.09	32.91	0	0	26.2	6.365	-0.003	16.04
2/5/2013 2:00	30982	1.697	77.04	3.486	6.368	0.404	239.9	33.74	4.578	45.42	39.84	36.83	38.53	0	0.001	26.19	6.362	-0.003	14.87
2/5/2013 3:00	30983	1.23	52.45	7.521	4.578	0.841	326	4.503	4.578	44.18	39.36	39.98	41.5	0	0	26.17	6.358	-0.003	13.32
2/5/2013 4:00	30984	2.138	43.91	2.149	4.578	0.588	209.1	6.803	4.578	44	35.45	41.92	47.57	0	0	26.16	6.359	0.001	12.06
2/5/2013 5:00	30985	2.526	14.06	36.91	4.578	0.377	243.1	20.18	2.789	41.57	35.39	44.76	48.02	0	0	26.15	6.357	-0.002	12.01
2/5/2013 6:00	30986	2.97	312.6	0.114	4.578	0	0	0	0	40.37	34.77	47.05	48.79	0	0	26.14	6.354	-0.003	16.49
2/5/2013 7:00	30987	4.332	265.7	10.8	6.368	1.257	319.1	5.351	4.578	40.81	36.29	50.97	49.72	0	0	26.14	6.354	0	16.49
2/5/2013 8:00	30988	4.08	277.1	15.11	8.16	1.584	321.1	5.418	4.578	40.26	35.89	55.71	53.85	0	4.86	26.15	6.354	0	12.37
2/5/2013 9:00	30989	4.606	304.1	8.89	8.16	2.765	320.5	7.449	4.578	44.08	42.39	53.59	48.57	0	141.8	26.19	6.346	-0.008	11.54
2/5/2013 10:00	30990	4.37	281.1	16.5	8.16	3.357	305.6	11.65	6.368	51.6	51.8	41.44	36.97	0	348.7	26.27	6.336	-0.009	12.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/5/2013 11:00	30991	5.723	248.1	18.59	11.74	4.621	289.8	8.93	9.95	58.49	58.9	29.45	26.19	0	529.8	26.35	6.335	-0.002	11.73
2/5/2013 12:00	30992	6.913	243.2	20.01	11.74	5.576	289.6	11.33	11.74	63.11	63.53	25.47	22.32	0	663.6	26.38	6.33	-0.005	14.2
2/5/2013 13:00	30993	6.482	282.2	30.8	11.74	5.075	307.3	22.86	11.74	67.72	68.13	20.15	17	0	739.5	26.39	6.326	-0.004	12.6
2/5/2013 14:00	30994	6.361	255.6	26.74	11.74	5.172	295	19.68	11.74	69.64	70.05	19.23	16.28	0	748.6	26.38	6.326	0	16.06
2/5/2013 15:00	30995	6.157	259.5	30.83	15.31	4.952	295.8	16.1	13.52	70.8	71.16	18.05	15.03	0	689	26.35	6.313	-0.013	12.03
2/5/2013 16:00	30996	5.743	252	36.4	17.1	4.572	294.5	21.17	13.52	71.37	71.78	16.75	13.6	0	569.5	26.34	6.303	-0.01	15.2
2/5/2013 17:00	30997	4.132	277	58.57	15.31	3.476	301.3	46.26	13.52	71.71	71.87	16.03	12.78	0	395.1	26.33	6.295	-0.009	12.34
2/5/2013 18:00	30998	4.322	206.2	26.33	9.95	3.381	273.4	14.22	8.16	70.28	70.7	17.07	13.69	0	191.2	26.31	6.282	-0.013	11.79
2/5/2013 19:00	30999	2.311	166	11	4.578	0.996	232.7	10.73	2.789	65.91	63.92	20.84	18.73	0	16.6	26.28	6.274	-0.008	11.94
2/5/2013 20:00	31000	5.081	142.8	24.28	8.16	2.176	206.4	26.4	6.368	60.11	54.74	25.52	26.46	0	0.005	26.25	6.266	-0.008	11.95
2/5/2013 21:00	31001	2.657	119.3	30.04	6.368	2.125	160.6	39.41	4.578	57.68	52.54	29.02	29.85	0	0.003	26.22	6.261	-0.005	11.97
2/5/2013 22:00	31002	0.036	76.39	0.01	2.789	0.845	193.7	36.08	4.578	55.14	48.45	34.2	36.3	0	0.001	26.22	6.258	-0.003	15.85
2/5/2013 23:00	31003	0	0	0	0	1.024	177.1	7.584	2.789	54.4	47.21	39.42	41.24	0	0	26.21	6.243	-0.015	16.63
2/6/2013 0:00	31004	0	0	0	0	0.788	158.6	14.16	2.789	51.26	46.16	46.74	44.89	0	0	26.2	6.244	0.001	11.99
2/6/2013 1:00	31005	0	0	0	0	0.219	189	12.66	2.789	48.91	44.12	53.19	51.36	0	0	26.19	6.232	-0.013	15.27
2/6/2013 2:00	31006	1.271	74.2	39.98	4.578	0.158	2.596	12.61	2.789	49.6	43.01	51.88	54.36	0	0	26.17	6.228	-0.003	15.58
2/6/2013 3:00	31007	1.852	12.83	0.061	4.578	0.112	203.3	6.718	2.789	49.05	42.02	48.34	53.28	0	0	26.16	6.225	-0.003	15.95
2/6/2013 4:00	31008	1.03	12.77	0	4.578	0.292	139.8	23.92	2.789	46.26	40.68	52.32	54.52	0	0	26.14	6.225	0	11.98
2/6/2013 5:00	31009	2.17	13.58	0.363	4.578	1.046	158.7	24.61	4.578	45.75	40.21	50.13	52.36	0	0	26.13	6.222	-0.003	11.91
2/6/2013 6:00	31010	6.04	61.83	20.54	11.74	3.591	171.5	21.03	8.16	39.39	36.93	52.25	49.3	0	0	26.13	6.219	-0.003	12.07
2/6/2013 7:00	31011	6.064	46.77	10.65	11.74	3.387	133.4	30.48	8.16	38.13	36.78	50.56	46	0	0	26.12	6.216	-0.003	13.54
2/6/2013 8:00	31012	6.57	42.98	10.96	11.74	3.17	120.2	33.18	8.16	38.21	37.28	50.36	44.87	0	4.317	26.13	6.213	-0.003	16.09
2/6/2013 9:00	31013	1.877	350.2	17.4	9.95	1.379	330.5	27.63	6.368	42.16	41.6	46.82	41.39	0	141.8	26.15	6.203	-0.01	15.39
2/6/2013 10:00	31014	4.229	147.5	44.7	9.95	3.067	240.6	19.28	8.16	53.33	54.19	38.03	34.17	0	346.5	26.22	6.2	-0.003	12.57
2/6/2013 11:00	31015	5.798	208.9	17.43	9.95	4.595	275.3	10.46	8.16	58.13	58.96	36.53	33.13	0	532.9	26.28	6.195	-0.005	16.65
2/6/2013 12:00	31016	7.341	213.1	17.09	13.52	5.86	277.1	10.07	11.74	63.67	64.56	28.79	25.74	0	667	26.31	6.19	-0.005	16.78
2/6/2013 13:00	31017	11.64	219	13.46	20.68	8.97	279.5	7.425	17.1	66.99	68.3	24.94	21.6	0	739.1	26.31	6.187	-0.003	12.06
2/6/2013 14:00	31018	13.32	224.6	15.5	24.26	10.25	281.8	8.09	18.89	68.9	70.21	23.37	20.03	0	742.7	26.28	6.178	-0.01	12.04
2/6/2013 15:00	31019	14.21	247.3	17.24	36.78	10.96	290.8	8.16	29.63	70.99	71.84	21.51	18.5	0	681.3	26.25	6.171	-0.006	12.04
2/6/2013 16:00	31020	16.35	247.2	13.88	29.63	12.52	290.4	6.435	24.26	71.69	72.31	22.22	19.44	0	527.1	26.23	6.149	-0.022	11.73
2/6/2013 17:00	31021	14.75	249.9	12.79	31.42	11.06	291.7	6.161	26.05	71.69	72.02	22.25	19.51	0	327.3	26.21	6.13	-0.019	15.62
2/6/2013 18:00	31022	11.71	256.5	12.38	24.26	8.49	293.5	5.967	18.89	69.77	69.47	23.56	21.1	0	107	26.19	6.118	-0.012	11.74
2/6/2013 19:00	31023	9.93	247.1	8.95	17.1	7.023	290.1	4.462	13.52	66.67	66.04	25.66	23.23	0	11.73	26.18	6.11	-0.008	16.68
2/6/2013 20:00	31024	8.5	238.2	9.55	13.52	5.44	287.3	4.73	9.95	62.47	61.39	30.44	28.13	0	0.037	26.18	6.1	-0.009	11.97
2/6/2013 21:00	31025	6.929	232.8	7.454	11.74	4.065	283.6	4.965	8.16	60.17	58.46	31.74	30	0	0.015	26.17	6.088	-0.012	12.94
2/6/2013 22:00	31026	8.46	243.4	8.14	13.52	5.817	288.6	4.447	11.74	59.21	58.35	32.21	29.46	0	0.013	26.17	6.082	-0.006	12.39
2/6/2013 23:00	31027	7.444	252.1	7.22	11.74	4.224	292.3	5.05	8.16	55.72	54.4	36.32	33.93	0	0.009	26.17	6.077	-0.006	11.98
2/7/2013 0:00	31028	5.792	249	8.8	9.95	2.953	289.8	4.975	6.368	54.33	51.97	36.81	35.54	0	0.003	26.17	6.074	-0.003	16.7
2/7/2013 1:00	31029	5.443	248	8.19	8.16	2.256	288.4	4.255	4.578	52.28	50.13	38.34	36.87	0	0.003	26.16	6.068	-0.006	16.72
2/7/2013 2:00	31030	5.994	272.9	22.99	11.74	2.043	310.5	11.6	6.368	51.61	49.07	38.95	38.07	0	0.001	26.15	6.064	-0.003	12.49
2/7/2013 3:00	31031	9.56	305.1	5.335	13.52	4.25	320.7	6.449	8.16	50.51	48.48	41.06	39.03	0	0.001	26.14	6.058	-0.006	12.03
2/7/2013 4:00	31032	7.388	303.2	7.621	11.74	2.37	320.6	8.13	6.368	47.79	44.84	45.05	43.35	0	0	26.14	6.059	0.001	16.71
2/7/2013 5:00	31033	6.426	297	7.38	8.16	1.448	314.2	7.619	4.578	47.55	44.33	45.91	44.78	0	0	26.14	6.057	-0.002	11.47
2/7/2013 6:00	31034	7.507	301.5	11.57	13.52	2.55	318.9	8.17	9.95	46.8	43.25	47.68	46.6	0	0	26.15	6.054	-0.003	14.64
2/7/2013 7:00	31035	9.94	320.3	5.863	13.52	6.52	327.1	4.254	9.95	46.47	45.05	48.15	44.16	0	0	26.18	6.054	0	11.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/7/2013 8:00	31036	8.16	332.5	14.03	13.52	4.674	335.2	14.05	9.95	44.53	42.87	49.87	45.84	0	5.489	26.22	6.054	0	14.07
2/7/2013 9:00	31037	16.91	10.69	11.06	31.42	10.77	23.31	43.2	26.05	48.43	48.14	38.86	34.59	0	141.5	26.25	6.052	-0.002	15.36
2/7/2013 10:00	31038	21.93	18.3	10.14	33.21	15.76	49.9	37.21	29.63	50.24	50.35	37.46	32.86	0	350.3	26.32	6.042	-0.01	11.73
2/7/2013 11:00	31039	22.02	20.94	10.09	36.78	16.44	56.49	35.1	31.42	52.81	53.09	36.16	31.64	0	531	26.37	6.031	-0.011	16.33
2/7/2013 12:00	31040	18.7	19.35	12.22	27.84	13.33	48.15	41.58	26.05	55.84	56.41	33.27	28.74	0	662.9	26.42	6.024	-0.007	12.05
2/7/2013 13:00	31041	17.82	24.36	12.13	27.84	12.78	64.93	38.19	26.05	58.59	59.15	30.14	25.84	0	734	26.43	6.015	-0.01	12.08
2/7/2013 14:00	31042	14.67	30.38	14.52	26.05	10.03	81.4	40.8	24.26	60.7	61.39	27.84	23.66	0	736.7	26.43	5.991	-0.023	16.71
2/7/2013 15:00	31043	11.72	34.04	21.3	22.47	7.839	89.6	51.9	22.47	62.06	62.99	26.44	22.11	0	664.9	26.44	5.978	-0.013	15.78
2/7/2013 16:00	31044	8.75	17.16	34.06	17.1	6.65	29.9	73.82	17.1	63.09	63.77	25.5	21.37	0	544.1	26.44	5.968	-0.01	12.01
2/7/2013 17:00	31045	9.36	20.81	18.18	18.89	6.812	57.01	51.18	15.31	63.12	63.52	26.12	22.12	0	385.1	26.43	5.956	-0.012	15.99
2/7/2013 18:00	31046	10.18	35.63	16.33	17.1	6.636	93	45.76	15.31	61.53	61.64	28.03	24.19	0	172.4	26.42	5.944	-0.012	16.19
2/7/2013 19:00	31047	8.75	42.56	9.54	13.52	4.718	112.5	23.45	9.95	58.12	57.72	31.97	28.45	0	14.71	26.42	5.932	-0.012	11.84
2/7/2013 20:00	31048	10.17	42.85	14.99	17.1	5.912	109.9	34.28	13.52	53.62	53.16	36.78	32.94	0	0.009	26.4	5.899	-0.033	16.19
2/7/2013 21:00	31049	11.46	51.18	8.66	17.1	6.066	127	25.07	13.52	49.64	48.94	40.83	36.72	0	0.001	26.4	5.896	-0.003	12.1
2/7/2013 22:00	31050	15.08	49.95	7.632	22.47	7.922	119.7	23.58	17.1	48.36	47.89	41.42	36.79	0	0.001	26.4	5.887	-0.01	15.41
2/7/2013 23:00	31051	12.12	55.72	8.72	20.68	6.738	132.9	26.32	13.52	45.22	44.68	45.47	39.96	0	0	26.4	5.878	-0.009	15.34
2/8/2013 0:00	31052	12.32	57.67	8.65	18.89	7.335	140.2	24.27	13.52	43.37	42.8	47.38	41.49	0	0	26.39	5.87	-0.009	15.28
2/8/2013 1:00	31053	11.28	61.19	8.58	29.63	7.234	149.9	21.68	15.31	41.74	41.13	50.14	43.7	0	0	26.39	5.863	-0.006	12.81
2/8/2013 2:00	31054	10.66	72.6	6.583	15.31	6.438	169.2	20.19	11.74	39.56	38.55	54.1	47.45	0	0	26.38	5.86	-0.003	11.99
2/8/2013 3:00	31055	10.65	71.26	6.203	13.52	6.676	166.2	19.01	11.74	38.81	37.79	55.54	48.72	0	0	26.37	5.857	-0.003	12.03
2/8/2013 4:00	31056	11.22	72.66	5.692	15.31	6.908	166.9	18.85	11.74	38.27	37.25	56.16	49.24	0	0	26.37	5.854	-0.003	12.05
2/8/2013 5:00	31057	12.13	71.9	5.353	17.1	7.698	163.3	18.5	13.52	37.51	36.57	57.64	50.35	0	0	26.36	5.851	-0.003	12.05
2/8/2013 6:00	31058	11.76	78.36	13.88	17.1	7.334	166.7	25.85	13.52	36.88	36.06	60.25	52.22	0	0	26.35	5.851	0	12.1
2/8/2013 7:00	31059	3.544	199.7	13.68	8.16	1.282	281.6	8.4	4.578	34.62	32.48	67.41	59.05	0	0	26.37	5.849	-0.002	12.01
2/8/2013 8:00	31060	0.38	219	0	2.789	0.191	165.9	4.08	2.789	34.17	31.86	72.39	62.93	0	7.76	26.37	5.846	-0.003	12.6
2/8/2013 9:00	31061	4.364	158.5	21.8	17.1	2.918	233.9	22.15	11.74	39.46	39.1	64.71	56.16	0	161.2	26.38	5.845	-0.001	12.2
2/8/2013 10:00	31062	12.36	144.1	11.28	20.68	8.28	239.9	11.43	17.1	44	45.3	54.07	45.92	0	360.5	26.45	5.843	-0.002	12.07
2/8/2013 11:00	31063	13.6	132.7	11.78	20.68	8.9	230.6	13.97	15.31	46.6	48.54	48.23	40.61	0	530.4	26.48	5.835	-0.008	12.05
2/8/2013 12:00	31064	14.89	141.2	13.92	22.47	9.98	237	14.11	18.89	50.19	52.41	40.69	34.47	0	674.9	26.5	5.831	-0.004	12.07
2/8/2013 13:00	31065	15	142.3	14.05	26.05	9.92	238.1	13.55	18.89	53.36	55.83	36.16	30.41	0	763.9	26.49	5.825	-0.006	11.97
2/8/2013 14:00	31066	15.59	145.9	12.07	24.26	10.44	240.5	12.22	18.89	55.36	57.8	33.46	27.85	0	742.8	26.46	5.815	-0.01	12.08
2/8/2013 15:00	31067	15.58	142	13.99	26.05	10.3	237.2	14.21	20.68	57.66	59.97	30.79	25.4	0	688.4	26.42	5.801	-0.014	15.68
2/8/2013 16:00	31068	18.8	136.8	10.93	33.21	12.15	233.7	12.85	22.47	58.99	60.99	29.71	24.48	0	594.4	26.38	5.785	-0.016	11.74
2/8/2013 17:00	31069	18.58	143.7	10.64	29.63	11.85	239.3	11.22	20.68	59.13	60.39	29.18	24.39	0	356.4	26.35	5.774	-0.012	12.04
2/8/2013 18:00	31070	17.63	142.6	9.63	26.05	11.13	238.3	10.55	22.47	58.67	59.12	29.39	25.21	0	165.1	26.32	5.761	-0.012	14.54
2/8/2013 19:00	31071	13.3	126.4	10.45	22.47	8.17	224.9	14.2	18.89	55.8	55.19	32.83	29.28	0	16.56	26.29	5.749	-0.012	15.01
2/8/2013 20:00	31072	11.01	115.9	6.503	17.1	6.49	215	13.43	13.52	52	50.89	37.13	33.8	0	0.005	26.26	5.741	-0.008	12.07
2/8/2013 21:00	31073	13.94	113.9	10.14	22.47	8.88	212.8	15.46	17.1	50.68	49.84	39.37	35.62	0	0.004	26.24	5.735	-0.006	12.02
2/8/2013 22:00	31074	14.34	109.8	8.09	20.68	9.72	209.4	14.05	17.1	49.22	48.58	41.14	36.84	0	0.003	26.23	5.728	-0.006	15.18
2/8/2013 23:00	31075	11.96	109.7	7.39	18.89	8.1	209.4	13.55	15.31	47.07	46.45	43.89	38.86	0	0.002	26.21	5.722	-0.006	14.3
2/9/2013 0:00	31076	12.95	121.9	9.3	20.68	8	220.7	14.24	15.31	46.91	46.14	44.67	39.69	0	0.001	26.18	5.719	-0.003	15.85
2/9/2013 1:00	31077	12.8	129.5	7.458	34.99	7.661	227.6	11.73	22.47	46.56	45.82	47.25	41.83	0	0.001	26.16	5.713	-0.006	15.61
2/9/2013 2:00	31078	8.96	125.5	7.771	15.31	5.2	221.7	13.58	9.95	44.7	43.73	52.55	46.54	0	0.001	26.14	5.704	-0.008	15.6
2/9/2013 3:00	31079	6.915	105.1	13.16	11.74	4.067	194.6	19.7	8.16	43.75	42.46	57.24	50.88	0	0	26.11	5.692	-0.012	15.53
2/9/2013 4:00	31080	6.896	120.2	30.59	13.52	3.761	208.1	37.81	9.95	44.29	42.56	61.92	55.43	0	0	26.07	5.686	-0.006	15.66

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/9/2013 5:00	31081	5.173	163.2	35.55	9.95	2.407	248.2	28.48	6.368	46.51	44.39	66.08	60.06	0	0	26.06	5.686	0	14.7
2/9/2013 6:00	31082	8.97	188.7	7.464	15.31	5.104	266.5	6.704	11.74	46.43	44.91	72.45	65.06	0	0	26.06	5.686	0	11.78
2/9/2013 7:00	31083	10.03	180.4	7.598	17.1	6.069	261.9	7.232	13.52	46.67	45.72	75.64	67.23	0	0.001	26.05	5.685	-0.001	11.47
2/9/2013 8:00	31084	12.05	182.3	8.7	20.68	7.44	263	7.71	15.31	47.78	47.06	75	66.66	0	2.839	26.06	5.684	-0.001	15.36
2/9/2013 9:00	31085	14.86	179.1	9.34	24.26	9.34	261.4	7.855	20.68	48.82	48.47	73.6	65.13	0	68.76	26.06	5.684	-0.001	12.08
2/9/2013 10:00	31086	18.93	178.5	8.34	29.63	12.07	261.2	7.871	22.47	51.5	51.74	68.5	60.34	0	196.6	26.06	5.684	0	12.07
2/9/2013 11:00	31087	20.72	183.6	9.02	31.42	13.39	264.1	7.667	24.26	55.38	56.44	60.17	52.68	0	450	26.09	5.679	-0.005	15.98
2/9/2013 12:00	31088	22.28	189.3	9.01	33.21	14.72	267	7.325	26.05	59.65	61.14	50	44.1	0	564	26.11	5.676	-0.003	12.06
2/9/2013 13:00	31089	21.46	190.5	9.7	31.42	14.18	267.4	7.577	26.05	62.63	64.22	43.94	39.25	0	601.5	26.1	5.665	-0.011	12.07
2/9/2013 14:00	31090	21.54	195.5	10.55	33.21	14.61	269.8	7.309	26.05	66.08	67.76	36.36	32.79	0	655	26.07	5.648	-0.017	12.06
2/9/2013 15:00	31091	21.48	205.5	12.06	36.78	15.15	274.7	7.125	31.42	70.31	71.87	28.23	25.1	0	681.3	26.05	5.633	-0.016	16.34
2/9/2013 16:00	31092	23.68	216.4	12.85	34.99	17.12	279.3	6.81	29.63	73.17	74.24	17.4	14.28	0	562.8	26.04	5.604	-0.029	12
2/9/2013 17:00	31093	26.33	228.4	9.87	43.94	19.76	284.3	5.381	36.78	74.53	74.8	8.83	4.911	0	376.6	26.01	5.579	-0.025	16.86
2/9/2013 18:00	31094	22.84	242.7	12.95	38.57	17.59	289.7	6.104	31.42	73.38	73.04	5.228	1.85	0	132.1	26	5.556	-0.022	12.6
2/9/2013 19:00	31095	20.5	263.3	14.07	38.57	15.09	297.4	6.766	36.78	69.25	68.78	6.552	2.615	0	10.5	26.01	5.542	-0.015	11.96
2/9/2013 20:00	31096	25.9	290.4	8.91	42.15	12.36	308.8	12.31	31.42	60.31	60.14	22.06	17.3	0	0.051	26.04	5.523	-0.018	16.45
2/9/2013 21:00	31097	25.9	296.2	8.33	42.15	11.64	314.8	11.22	24.26	54.26	54.04	27.72	22.88	0	0.015	26.05	5.511	-0.012	15.79
2/9/2013 22:00	31098	25.54	294.1	8.15	40.36	11.15	312.4	11.93	26.05	50.4	50.09	28.41	23.29	0	0.005	26.06	5.503	-0.008	11.96
2/9/2013 23:00	31099	20.36	296.8	7.848	33.21	9.07	314.8	11.79	20.68	47.89	47.44	27.17	21.82	0	0.001	26.05	5.494	-0.009	16.62
2/10/2013 0:00	31100	11.63	293.7	8.07	22.47	5.186	311.6	12.25	17.1	45.29	44.6	26.54	21.1	0	0.001	26.07	5.491	-0.002	16.64
2/10/2013 1:00	31101	10.18	290.7	7.688	20.68	4.472	309	12.53	11.74	43.35	42.41	23.92	18.36	0	0	26.08	5.483	-0.009	11.98
2/10/2013 2:00	31102	11.13	283.5	16.01	18.89	5.154	306.8	12.28	9.95	42.11	41.15	26.51	20.9	0	0	26.09	5.48	-0.003	13.5
2/10/2013 3:00	31103	10.62	259.6	9.77	18.89	7.498	295.9	4.8	13.52	41.41	40.47	27	21.38	0	0	26.09	5.47	-0.01	14.31
2/10/2013 4:00	31104	9.78	258.9	11.74	17.1	6.547	294.9	5.37	13.52	38.5	37.4	31.9	26.35	0	0	26.08	5.467	-0.003	11.98
2/10/2013 5:00	31105	9.65	257.6	8.26	17.1	6.65	294.9	4.169	11.74	37.85	36.94	35.53	29.99	0	0	26.08	5.445	-0.022	12.02
2/10/2013 6:00	31106	7.319	246.4	6.073	9.95	3.987	290.5	4.779	6.368	36.21	34.17	37.46	33.32	0	0	26.08	5.446	0.001	12
2/10/2013 7:00	31107	7.173	233.3	9.81	9.95	3.606	285.5	7.825	6.368	35.08	32.36	38.71	35.31	0	0	26.07	5.446	0	16.38
2/10/2013 8:00	31108	5.496	248	11.72	9.95	2.421	292.7	8.85	8.16	34.07	31.79	41.08	36.71	0	4.997	26.08	5.446	0	15.72
2/10/2013 9:00	31109	6.435	263.3	14.42	11.74	3.826	299.2	9.02	9.95	36.89	36.16	38.95	33.21	0	168	26.1	5.443	-0.004	12.15
2/10/2013 10:00	31110	12.74	282.8	12.27	24.26	7.599	304.3	10.32	17.1	43.23	44.06	32.43	25.88	0	379.5	26.17	5.434	-0.009	16.63
2/10/2013 11:00	31111	15.78	289.4	11.14	24.26	8.36	308.4	11.87	18.89	46.92	48.31	27.13	20.43	0	593.5	26.23	5.426	-0.008	11.77
2/10/2013 12:00	31112	12.61	300.4	16.38	22.47	7.889	316.6	13.48	17.1	49.48	50.65	23.79	17.29	0	660.4	26.26	5.422	-0.004	12.02
2/10/2013 13:00	31113	10.22	285.5	18.64	20.68	6.559	306.8	13.55	17.1	52.12	53.4	20.92	14.61	0	711.5	26.26	5.416	-0.006	14.76
2/10/2013 14:00	31114	12.1	289	21.45	20.68	8.18	309.9	14.65	18.89	54.81	56.1	17.23	10.89	0	797.9	26.25	5.4	-0.016	12.38
2/10/2013 15:00	31115	12.58	285.6	17.84	20.68	7.636	307.5	13.13	15.31	56.24	57.84	15.63	9.11	0	744.4	26.24	5.389	-0.01	13.34
2/10/2013 16:00	31116	9.96	265.7	24.39	24.26	7.328	298.2	12.38	18.89	57.73	58.6	14.12	7.962	0	614.9	26.24	5.376	-0.013	12.56
2/10/2013 17:00	31117	10.97	257.4	18.38	20.68	8.48	294.7	8.61	17.1	58.9	59.48	11.7	5.45	0	430.3	26.23	5.362	-0.015	12.07
2/10/2013 18:00	31118	11.22	256.2	10.65	18.89	8.7	294.9	5.719	15.31	58.41	58.53	11.38	5.206	0	207.9	26.22	5.349	-0.013	16.79
2/10/2013 19:00	31119	5.566	240.9	12.12	13.52	2.855	284.7	17.09	9.95	54.24	52.31	13.7	8.43	0	22.29	26.2	5.34	-0.009	12.04
2/10/2013 20:00	31120	4.602	205.3	6.758	8.16	0.613	260.5	10.81	2.789	49.61	45.06	16.72	13.43	0	0.001	26.17	5.335	-0.005	11.99
2/10/2013 21:00	31121	4.01	274.7	40.25	8.16	1.385	333.7	7.211	4.578	46.99	43.71	19.21	15.92	0	0	26.16	5.324	-0.011	15.82
2/10/2013 22:00	31122	4.105	13.02	44.28	9.95	2.423	158.5	37.66	6.368	45.69	41.81	20.82	18.56	0	0	26.17	5.318	-0.006	12.49
2/10/2013 23:00	31123	1.677	30.33	17.98	6.368	0.614	0.696	31.67	4.578	43.07	38.29	23.05	22.36	0	0	26.18	5.315	-0.003	12.78
2/11/2013 0:00	31124	1.914	328.6	0.108	4.578	1.156	176.1	21.3	4.578	45.66	37.84	20.63	25.38	0	0	26.17	5.311	-0.003	15.98
2/11/2013 1:00	31125	2.29	328.4	0.132	4.578	0.373	218.5	24.26	2.789	45.38	38.5	21.67	27.22	0	0	26.17	5.308	-0.003	13.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/11/2013 2:00	31126	2.955	322.4	5.581	6.368	0.379	180.3	14.11	2.789	44.82	38.13	23.07	28.02	0	0	26.17	5.308	0	12.12
2/11/2013 3:00	31127	4.192	10.8	31.72	8.16	1.985	55.1	62.89	4.578	43.06	39.65	24.96	24.18	0	0	26.18	5.305	-0.003	12.07
2/11/2013 4:00	31128	5.33	130.5	21.79	13.52	2.385	209.4	27.91	9.95	36.36	33.2	33.42	31.7	0	0	26.17	5.302	-0.003	14.41
2/11/2013 5:00	31129	2.124	143.8	4.571	4.578	1.636	169.7	17.14	4.578	38.38	34.11	28.48	29.9	0	0	26.16	5.3	-0.002	16.45
2/11/2013 6:00	31130	1.694	135.8	0.143	4.578	0.72	66.08	38.39	4.578	41.08	35.5	25.48	28.89	0	0	26.15	5.3	0	11.46
2/11/2013 7:00	31131	3.202	129.2	17.72	6.368	1.966	162.4	22.25	4.578	42.05	34.15	24.54	30.56	0	0	26.16	5.3	0	11.79
2/11/2013 8:00	31132	9.52	41.12	12.39	18.89	5.144	108.7	30.43	13.52	36.34	34.72	34.13	29.31	0	9.83	26.17	5.3	0	16.27
2/11/2013 9:00	31133	12.73	68.23	8.88	18.89	8.55	157.8	20.35	15.31	35.63	35.75	43.01	35.57	0	158.7	26.2	5.293	-0.008	15.84
2/11/2013 10:00	31134	14	69.14	8.34	18.89	9.52	159.1	21.43	17.1	40.26	40.69	39.68	33.09	0	264.4	26.25	5.286	-0.007	12.01
2/11/2013 11:00	31135	15.64	81.3	11.1	22.47	10.45	175.5	23.41	18.89	45.23	46.88	35.07	28.32	0	595.3	26.28	5.281	-0.005	12.09
2/11/2013 12:00	31136	14.8	89.6	10.9	22.47	10	186.1	22.13	17.1	49.7	51.79	30.81	24.25	0	716.5	26.32	5.273	-0.008	12.62
2/11/2013 13:00	31137	12.73	114.2	19.41	24.26	8.85	212.4	23.67	17.1	54.37	56.65	27.64	21.58	0	777.2	26.31	5.267	-0.006	12.71
2/11/2013 14:00	31138	13.54	146.4	18.69	24.26	9.22	240.4	16.99	18.89	57.47	59.82	25.79	20.02	0	778.6	26.31	5.263	-0.004	12.06
2/11/2013 15:00	31139	15.19	150.3	16.11	26.05	10.3	243.6	14.24	20.68	59.45	61.73	25.44	19.75	0	704.7	26.28	5.25	-0.013	11.75
2/11/2013 16:00	31140	15.71	134.9	13.11	26.05	10.46	232.3	13.64	22.47	61.94	63.87	26.2	21	0	584.9	26.26	5.23	-0.019	12.07
2/11/2013 17:00	31141	11.74	180.8	29.97	24.26	8.11	261.3	18.4	20.68	64.27	65.73	25.15	20.5	0	438.4	26.24	5.211	-0.019	15.92
2/11/2013 18:00	31142	10.97	187.3	13.06	18.89	7.414	265.1	8.46	15.31	63.53	64.31	25.32	20.99	0	210.1	26.24	5.199	-0.012	16.1
2/11/2013 19:00	31143	6.428	153.5	25.25	9.95	3.111	234.6	25.45	8.16	60	57.8	29.74	27.32	0	16.32	26.2	5.194	-0.005	12.09
2/11/2013 20:00	31144	8.12	105.1	8.59	20.68	4.384	194.4	16.03	15.31	56.05	52.76	35.06	33.38	0	0.01	26.16	5.188	-0.005	12.41
2/11/2013 21:00	31145	18.45	117.9	9.78	29.63	12.08	218.5	14.19	24.26	54.9	54.63	46.72	41.65	0	0.018	26.16	5.182	-0.006	16.08
2/11/2013 22:00	31146	15.77	112	9.88	26.05	10.56	212.9	15.43	22.47	51.63	51.32	59.87	53.69	0	0.01	26.16	5.18	-0.003	16.03
2/11/2013 23:00	31147	18.37	112.5	9.55	29.63	12.28	213.7	14.67	22.47	48.03	47.56	73.81	66.63	0	0.001	26.14	5.176	-0.003	11.79
2/12/2013 0:00	31148	21.68	125.7	7.913	31.42	13.73	225.8	11.91	26.05	45.6	45.24	83.7	73.9	0	0.002	26.12	5.176	0	12.01
2/12/2013 1:00	31149	17.12	127.7	7.575	47.52	10.59	227.1	11.72	31.42	43.63	43.2	89.8	78.53	0	0.001	26.1	5.171	-0.005	11.48
2/12/2013 2:00	31150	13.42	136	8.27	22.47	8.48	234.2	10.75	17.1	42.99	42.69	94	82	0	0	26.1	5.172	0.001	12.04
2/12/2013 3:00	31151	10.11	153.7	14.25	17.1	6.458	245.5	11.41	13.52	43.69	43.58	93.1	81.5	0	0.001	26.1	5.165	-0.007	16.66
2/12/2013 4:00	31152	5.81	238.2	25.26	9.95	3.994	286.5	10.81	8.16	43.89	43.85	92.8	81.2	0	0.001	26.11	5.164	-0.001	16.44
2/12/2013 5:00	31153	5.739	269.7	19.19	13.52	3.735	303.8	8.84	9.95	43.56	43.36	92.5	80.8	0	0.001	26.12	5.164	0	12.05
2/12/2013 6:00	31154	7.427	276	9.25	11.74	5.128	303.5	6.528	11.74	44.03	43.78	90.6	79.51	0	0.001	26.13	5.165	0.001	12.07
2/12/2013 7:00	31155	8.68	294.2	21.35	17.1	5.946	313.1	13.65	15.31	42.84	42.4	86	76.29	0	0	26.13	5.165	0	13.86
2/12/2013 8:00	31156	7.271	283.9	29.7	11.74	4.286	306.3	16.55	9.95	40.56	40.07	77.77	68.84	0	4.336	26.12	5.159	-0.006	11.88
2/12/2013 9:00	31157	12.3	263.9	9.75	24.26	7.896	297.8	6.817	18.89	41.3	41.13	71.55	62.99	0	139.4	26.14	5.156	-0.003	11.62
2/12/2013 10:00	31158	20.34	284.2	11.2	29.63	15.76	308.8	6.794	26.05	44.5	44.95	58.5	50.99	0	386	26.19	5.151	-0.005	16.6
2/12/2013 11:00	31159	20.7	294	14.32	34.99	16.56	313.9	8.11	27.84	45.87	46.7	52.42	45.11	0	575.3	26.24	5.151	0	15.06
2/12/2013 12:00	31160	20.78	320.7	11.38	29.63	17.07	327.8	6.939	26.05	45.83	46.97	55.61	47.03	0	709	26.27	5.144	-0.007	16.34
2/12/2013 13:00	31161	20.64	321.2	12.26	29.63	16.83	328.1	7.475	27.84	47.42	48.73	51.13	43.21	0	745.2	26.29	5.137	-0.007	11.78
2/12/2013 14:00	31162	20.98	326.7	9.97	36.78	17.21	330.9	6.496	29.63	47.59	48.8	48.7	41.21	0	611	26.28	5.131	-0.006	12.4
2/12/2013 15:00	31163	21.7	339.5	11.41	33.21	17.52	338.8	11.63	27.84	46.61	47.9	50.95	42.72	0	617.9	26.28	5.118	-0.012	15.98
2/12/2013 16:00	31164	19.63	348.4	11.34	29.63	15.41	345.2	15.95	26.05	46.47	47.75	51.49	43	0	629.4	26.3	5.109	-0.01	12.07
2/12/2013 17:00	31165	16.53	351	14.33	26.05	12.92	350.1	24.5	22.47	46.94	47.88	49.99	42.25	0	449.8	26.3	5.099	-0.009	12.09
2/12/2013 18:00	31166	14.6	2.633	14.59	26.05	10.73	10.64	37.35	22.47	47.05	47.56	48.76	41.75	0	238.4	26.3	5.09	-0.009	15.87
2/12/2013 19:00	31167	11.12	13.57	11.18	18.89	8.23	39.18	37.01	17.1	44.97	44.83	53.47	46.47	0	19.34	26.3	5.081	-0.009	12.06
2/12/2013 20:00	31168	8.78	28.06	9.53	13.52	6.09	77.03	32.22	11.74	41.23	41	59.49	51.26	0	0	26.28	5.079	-0.002	11.9
2/12/2013 21:00	31169	5.096	50.62	22.68	9.95	2.874	116.9	51.94	8.16	38.55	37.39	65.03	56.8	0	0	26.27	5.077	-0.003	15.66
2/12/2013 22:00	31170	1.568	72.73	14.52	4.578	0.788	248.3	40.22	4.578	35.46	33.05	71.28	62.83	0	0	26.27	5.071	-0.006	13.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/12/2013 23:00	31171	3.129	14.54	36.27	6.368	1.43	4.907	35.95	4.578	34.71	32.05	72.26	64.38	0	0	26.27	5.069	-0.002	12.09
2/13/2013 0:00	31172	3.686	44.84	35.21	8.16	1.393	129.2	40.53	4.578	34.85	32.65	73.33	64.17	0	0	26.27	5.066	-0.003	11.99
2/13/2013 1:00	31173	3.232	270.8	59.34	6.368	1.298	11.28	41.23	4.578	31.59	28.83	79.47	69.06	0	0	26.26	5.066	0	12.13
2/13/2013 2:00	31174	4.638	10.44	21.05	8.16	1.808	58.2	37.93	6.368	33.55	31.18	80.1	70.28	0	0	26.25	5.059	-0.006	11.61
2/13/2013 3:00	31175	5.249	27.49	13.67	9.95	2.955	101.7	69.07	6.368	32.74	30.89	81.7	70.69	0	0	26.25	5.056	-0.003	11.98
2/13/2013 4:00	31176	2.76	321.9	19.21	6.368	1.435	307.7	11.6	4.578	28.26	24.32	87.7	75.09	0	0	26.24	5.057	0.001	11.91
2/13/2013 5:00	31177	6.193	326.5	6.229	9.95	2.366	325.6	6.88	6.368	27.71	24.9	87.6	76.68	0	0	26.22	5.058	0.001	16.28
2/13/2013 6:00	31178	3.98	293.7	15.41	9.95	2.177	296.4	16.75	6.368	24.61	22.59	88.6	74.91	0	0	26.22	5.058	0	14.06
2/13/2013 7:00	31179	2.505	307.5	0	4.578	0.279	286.4	16.79	2.789	23.98	20.77	90.4	77.26	0	0	26.21	5.058	0	11.8
2/13/2013 8:00	31180	2.358	297.5	9.53	4.578	0.464	263.4	2.583	4.578	23.99	20.52	91.4	77.87	0	11.3	26.21	5.058	0	11.9
2/13/2013 9:00	31181	3.311	284.4	9.21	6.368	1.134	305.7	7.688	6.368	30.85	30.2	79.01	69.3	0	189.2	26.24	5.054	-0.004	11.96
2/13/2013 10:00	31182	7.001	233.4	15.94	13.52	5.358	285.5	7.992	11.74	38.46	39.02	66.31	57.19	0	394	26.31	5.051	-0.003	12
2/13/2013 11:00	31183	11.31	222.6	12.41	20.68	8.63	281.3	6.571	17.1	45.09	46.14	52.42	45.43	0	589.7	26.37	5.043	-0.008	12.01
2/13/2013 12:00	31184	12.86	229.6	15.31	20.68	9.76	284.2	7.593	17.1	49.91	51.05	35.34	30.77	0	726.3	26.4	5.026	-0.017	12.03
2/13/2013 13:00	31185	12.04	224.8	16.41	22.47	9.2	281.7	7.883	18.89	52.56	53.94	27.88	23.01	0	798.7	26.4	5.022	-0.003	12.04
2/13/2013 14:00	31186	12.44	239.7	20.08	20.68	9.46	288.1	9.83	18.89	54.44	55.65	20.7	15.49	0	808	26.38	5.013	-0.01	16.47
2/13/2013 15:00	31187	13.23	234	17.32	22.47	10.1	285.6	7.907	18.89	55.75	56.98	16.71	11.2	0	747.6	26.35	5.006	-0.007	16.15
2/13/2013 16:00	31188	13.5	231.5	17.41	22.47	10.15	284.6	8.03	20.68	56.92	58.05	14.41	8.6	0	620.2	26.32	4.993	-0.013	15.99
2/13/2013 17:00	31189	12.3	235.3	17.57	22.47	9.13	286.2	8.21	18.89	58.05	58.87	14.05	8.29	0	440.5	26.3	4.972	-0.022	12.06
2/13/2013 18:00	31190	10.43	231.2	13.68	20.68	7.838	284.4	6.612	15.31	58.01	58.34	14	8.39	0	227	26.28	4.959	-0.013	11.76
2/13/2013 19:00	31191	7.124	223.1	9.13	13.52	4.127	282.8	11.41	9.95	54.27	52.76	16.03	11.18	0	19.69	26.25	4.943	-0.016	12.91
2/13/2013 20:00	31192	2.87	272.6	14.03	6.368	1.432	300.9	52.85	4.578	49.56	45.21	19.25	16.74	0	0.006	26.22	4.942	-0.002	14.34
2/13/2013 21:00	31193	3.036	178.3	20.53	8.16	2.186	199	24.16	6.368	45.98	40.93	21.84	20.89	0	0	26.2	4.937	-0.005	11.58
2/13/2013 22:00	31194	2.072	188.7	4.75	6.368	1.23	179.8	16.41	4.578	44.62	40.14	22.73	21.8	0	0	26.18	4.937	0	12.05
2/13/2013 23:00	31195	5.06	192.7	17.79	9.95	0.683	242.6	6.746	2.789	40.75	36.7	26.34	23.56	0	0	26.18	4.934	-0.003	15.79
2/14/2013 0:00	31196	2.583	200.6	15.75	4.578	0.73	221.8	32.47	4.578	39.32	35.96	28.4	25.5	0	0	26.18	4.932	-0.002	15.05
2/14/2013 1:00	31197	2.155	198.6	29.81	4.578	0.241	163.3	1.735	4.578	37.83	33.73	30.01	30.05	0	0	26.17	4.932	0	12.01
2/14/2013 2:00	31198	3.435	311.3	5.329	6.368	0.414	202.5	25.32	4.578	38.45	31.46	30.95	35.31	0	0	26.16	4.926	-0.006	12.57
2/14/2013 3:00	31199	7.203	318.7	5.598	9.95	2.847	321.2	7.073	8.16	38.8	33.31	31.29	31.15	0	0	26.15	4.926	0	16.06
2/14/2013 4:00	31200	9.21	336.4	10.35	15.31	5.564	336.4	15.39	11.74	39.85	37.73	30.26	26.91	0	0	26.15	4.926	0	11.95
2/14/2013 5:00	31201	2.598	9.35	16.19	6.368	1.056	231.7	16.26	4.578	39.93	34.66	30.56	29.64	0	0	26.15	4.923	-0.003	11.47
2/14/2013 6:00	31202	6.738	290.4	32.49	11.74	3.502	300.3	12.72	8.16	32.34	28.29	40.47	37.87	0	0	26.15	4.92	-0.003	16.08
2/14/2013 7:00	31203	4.88	298	7.426	8.16	1.859	305.3	10.32	6.368	30.14	27.3	42.74	39.14	0	0	26.15	4.92	0.001	12.05
2/14/2013 8:00	31204	4.556	296.5	10.76	8.16	1.429	301.6	16.89	4.578	32.69	28.64	40.73	37.96	0	10.54	26.16	4.92	0	12
2/14/2013 9:00	31205	7.905	310.7	8.84	13.52	5.632	321.9	6.322	11.74	39.94	38.94	37.8	32.71	0	178.9	26.19	4.919	-0.002	12
2/14/2013 10:00	31206	12.19	316.6	8.93	20.68	9.81	325.6	5.658	18.89	46.82	46.87	33	27.97	0	398.9	26.27	4.916	-0.002	11.93
2/14/2013 11:00	31207	13.32	300.5	15.08	24.26	10.84	317.2	8.99	20.68	54.78	55.15	25.1	20.43	0	594.5	26.32	4.915	-0.002	14.75
2/14/2013 12:00	31208	17.13	292.3	12.53	26.05	13.87	313.2	7.579	24.26	57.67	58.48	21.2	16.19	0	733	26.35	4.908	-0.006	16.18
2/14/2013 13:00	31209	13.22	292.9	13.38	24.26	10.88	313.4	8.35	20.68	58.66	59.53	20.18	15.06	0	812	26.35	4.904	-0.004	11.92
2/14/2013 14:00	31210	10.86	271.8	20.3	18.89	8.44	302.6	11.42	17.1	60.63	61.69	18.66	13.59	0	817	26.34	4.894	-0.01	16.42
2/14/2013 15:00	31211	10.72	256.4	22.16	18.89	8.2	295.5	11.09	17.1	62.42	63.49	17.11	12.14	0	753.2	26.33	4.884	-0.01	11.77
2/14/2013 16:00	31212	8.9	262.8	19.66	17.1	6.837	298.4	12.22	15.31	63.69	64.5	15.86	10.93	0	625.7	26.32	4.869	-0.016	12.04
2/14/2013 17:00	31213	8.48	286.4	18.86	17.1	6.789	310.7	11.2	13.52	64.39	65.01	14.93	9.93	0	445.4	26.32	4.859	-0.009	16.25
2/14/2013 18:00	31214	9.91	314.2	17.33	15.31	8.19	324.7	9.76	13.52	63.4	63.47	15.45	10.6	0	232.2	26.31	4.85	-0.009	15.73
2/14/2013 19:00	31215	9.92	340.7	10.13	15.31	7.304	340.2	10.36	13.52	59.38	58.2	17.79	13.48	0	20.98	26.28	4.845	-0.005	16.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/14/2013 20:00	31216	8.38	9.82	9.11	13.52	4.648	16.7	36.02	9.95	54.45	52.76	22.6	18.61	0	0.007	26.26	4.837	-0.008	12.06
2/14/2013 21:00	31217	8.92	16.84	6.152	11.74	4.889	41.59	44.08	9.95	52.49	50.92	25.05	21.11	0	0.003	26.25	4.834	-0.003	12.04
2/14/2013 22:00	31218	13.71	29.06	15.19	29.63	7.557	78.76	51.44	18.89	48.75	48.12	32.89	27.92	0	0.001	26.27	4.831	-0.003	16.4
2/14/2013 23:00	31219	18.16	51.43	8.51	29.63	9.52	124.6	23.21	18.89	45.83	45.45	49.21	42.83	0	0.001	26.3	4.821	-0.009	12.08
2/15/2013 0:00	31220	20.45	51.74	8.35	31.42	10.91	125	23.89	22.47	43.82	43.49	58.35	50.77	0	0.001	26.33	4.816	-0.005	16.15
2/15/2013 1:00	31221	21.54	48.65	7.948	40.36	11.71	123	21.84	22.47	40.52	40.32	72.04	61.86	0	0	26.34	4.81	-0.006	12.05
2/15/2013 2:00	31222	24.11	49.87	7.519	34.99	12.84	122.1	21.71	24.26	39.35	39.15	78.36	67.54	0	0	26.35	4.804	-0.006	16.24
2/15/2013 3:00	31223	21.14	46.29	9.32	31.42	11.41	120.2	23.38	24.26	37.87	37.67	80.5	69.17	0	0	26.37	4.801	-0.003	11.45
2/15/2013 4:00	31224	16.9	43.6	10.02	26.05	9.42	117.6	24.17	20.68	36.15	35.96	84.9	72.6	0	0	26.39	4.801	0	14.17
2/15/2013 5:00	31225	16.24	39.78	11.07	27.84	8.6	109.9	29.46	22.47	34.97	34.78	85.1	72.77	0	0	26.41	4.794	-0.006	11.49
2/15/2013 6:00	31226	14.02	36.79	10.47	24.26	7.391	104	31.11	17.1	33.31	33.13	85.9	73.28	0	0	26.41	4.795	0.001	11.86
2/15/2013 7:00	31227	12.95	29.62	9.52	18.89	7.229	81.7	39.89	15.31	31.77	31.59	86.6	73.68	0	0	26.44	4.793	-0.002	15.43
2/15/2013 8:00	31228	12.5	25.39	9.05	18.89	7.599	65.24	42.06	15.31	31.01	30.82	85	72.41	0	11.31	26.46	4.793	0	11.71
2/15/2013 9:00	31229	11.81	21.49	10.89	22.47	7.662	56.99	43.88	18.89	32.75	32.78	78.11	66.48	0	118.5	26.49	4.786	-0.007	12.06
2/15/2013 10:00	31230	14.27	32.37	11.07	22.47	8.43	88.7	39.52	17.1	35.09	35.4	70.3	59.88	0	264.3	26.52	4.785	-0.001	11.45
2/15/2013 11:00	31231	13.12	43.26	13.41	20.68	7.647	113.3	33.91	15.31	36.21	36.67	66.48	56.3	0	266.1	26.54	4.782	-0.003	12.2
2/15/2013 12:00	31232	9.47	70.56	17.07	17.1	6.466	156.4	33.73	11.74	39.23	40.51	57.43	48.51	0	570.2	26.55	4.771	-0.011	16.31
2/15/2013 13:00	31233	9.58	65.41	15.62	17.1	6.373	151.7	30.98	13.52	41.32	42.65	47.35	39.95	0	426.7	26.57	4.767	-0.004	12.05
2/15/2013 14:00	31234	8.18	82.6	21.87	13.52	5.853	174.8	35.51	13.52	43.4	44.77	39.78	33.89	0	488.4	26.55	4.764	-0.003	11.46
2/15/2013 15:00	31235	6.32	62.76	33.13	15.31	4.397	148.5	64.03	11.74	46.12	46.97	37.43	32.25	0	502.5	26.55	4.757	-0.007	16.16
2/15/2013 16:00	31236	7.191	43.93	21.65	13.52	4.634	113.4	49.34	11.74	45.38	46.06	37.96	32.56	0	320.8	26.55	4.751	-0.006	15.43
2/15/2013 17:00	31237	4.778	62.89	60.09	11.74	3.285	164.5	73.96	11.74	47.65	48.04	35.98	31.13	0	448.2	26.54	4.744	-0.006	12.66
2/15/2013 18:00	31238	5.568	39.32	30.26	11.74	3.795	102.2	73.27	9.95	46.7	47.17	37.31	32.11	0	237.1	26.56	4.734	-0.01	16.04
2/15/2013 19:00	31239	7.089	75.53	11.27	11.74	4.267	171.7	23.69	8.16	43.22	42.46	41.46	36.61	0	19.28	26.54	4.729	-0.005	15.97
2/15/2013 20:00	31240	6.732	95.1	9.01	9.95	3.287	195.6	13.11	6.368	38.11	35.8	47.06	42.42	0	0.001	26.5	4.727	-0.002	12.07
2/15/2013 21:00	31241	6.974	127.4	8.9	8.16	2.961	207.1	11.77	4.578	35.51	32.06	49.77	46.04	0	0	26.48	4.722	-0.005	11.45
2/15/2013 22:00	31242	6.64	141.2	7.041	9.95	2.226	218.4	9.33	4.578	34.29	30.7	51.2	48.29	0	0	26.47	4.723	0.001	12.02
2/15/2013 23:00	31243	5.566	147.7	9.79	8.16	1.664	214.9	11.51	4.578	32.24	29.28	53.91	49.58	0	0	26.47	4.72	-0.003	12.09
2/16/2013 0:00	31244	2.532	230.2	13.41	8.16	0.546	312.1	9.92	4.578	30.64	28.26	57.05	51.21	0	0	26.47	4.714	-0.006	12.07
2/16/2013 1:00	31245	3.211	264.2	26.18	6.368	1.235	318	6.602	4.578	31.25	28.83	56.41	50.96	0	0	26.47	4.711	-0.003	15.73
2/16/2013 2:00	31246	4.317	288.9	8.38	6.368	1.47	320.1	5.844	4.578	31.91	28.43	55.85	51.91	0	0	26.47	4.714	0.003	15.62
2/16/2013 3:00	31247	4.073	266.3	6.792	6.368	1.276	318.6	4.491	4.578	31.75	28.11	57.01	53.25	0	0	26.47	4.714	0	15.78
2/16/2013 4:00	31248	4.482	289.9	2.893	6.368	1.636	319.9	5.356	4.578	31.34	27.64	57.8	54.3	0	0	26.48	4.711	-0.003	13.69
2/16/2013 5:00	31249	5.122	293	3.801	6.368	2.278	318.5	5.329	4.578	30.92	27.19	59.01	55.8	0	0	26.47	4.711	0	11.98
2/16/2013 6:00	31250	5.405	303.7	3.03	6.368	2.057	321.4	6.78	4.578	30.81	27.43	60.31	55.63	0	0	26.46	4.711	0	16.37
2/16/2013 7:00	31251	5.698	307.3	3.962	8.16	2.09	317.6	8.5	4.578	30.44	26.77	61.79	56.92	0	0	26.46	4.711	0	12.07
2/16/2013 8:00	31252	4.815	305.1	6.7	6.368	0.586	316.3	3.819	4.578	29.98	25.16	63.01	59.62	0	12.31	26.46	4.711	0	11.99
2/16/2013 9:00	31253	4.217	284	13.44	6.368	2.199	305.8	7.239	4.578	34.77	34.16	57.68	49.75	0	186.8	26.48	4.713	0.002	11.39
2/16/2013 10:00	31254	6.546	237.5	18.4	13.52	5.06	287.4	9.04	11.74	41.19	41.91	54.54	46.37	0	411.7	26.55	4.714	0	11.91
2/16/2013 11:00	31255	11.43	236.4	12.27	17.1	8.85	286.4	5.989	15.31	46.86	47.55	46.12	40.22	0	611.1	26.6	4.7	-0.014	12.22
2/16/2013 12:00	31256	11.25	248.6	16.82	20.68	8.29	291.6	8.42	17.1	52.2	53.22	32.98	28.38	0	751.8	26.62	4.686	-0.013	12.11
2/16/2013 13:00	31257	11.68	262.8	15.95	18.89	8.25	298.2	9.42	17.1	55.91	57.08	27.96	23.28	0	823	26.62	4.683	-0.004	12.09
2/16/2013 14:00	31258	11.94	255.6	16.44	20.68	8.56	294.7	8.91	17.1	58.39	59.64	22.02	17.18	0	828	26.59	4.673	-0.01	11.9
2/16/2013 15:00	31259	12.26	246	18.04	22.47	9.24	290.9	8.77	20.68	60.97	62.03	18.3	13.49	0	762.5	26.55	4.656	-0.016	11.79
2/16/2013 16:00	31260	13.61	236.6	15.79	20.68	10.32	286.9	7.259	18.89	62.8	63.72	14.63	9.64	0	635.5	26.52	4.637	-0.019	15.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/16/2013 17:00	31261	15.41	232.1	12.28	24.26	11.61	285.4	5.868	18.89	62.9	63.62	13.1	7.82	0	456.9	26.49	4.612	-0.025	16.59
2/16/2013 18:00	31262	14.77	225.9	10.62	24.26	10.89	282.9	5.67	20.68	62.64	62.93	16.32	11.43	0	240.6	26.45	4.6	-0.012	13.08
2/16/2013 19:00	31263	9.6	212.4	7.633	17.1	6.203	276.8	4.983	13.52	59.45	58.21	16.2	11.82	0	24.2	26.42	4.594	-0.006	12.04
2/16/2013 20:00	31264	6.6	187.9	10.11	9.95	1.87	263.6	7.886	6.368	52.09	48.07	20.06	16.64	0	0.01	26.38	4.589	-0.005	16.5
2/16/2013 21:00	31265	6.938	193.2	10.6	11.74	2.174	272.6	8.2	8.16	49.18	44.85	25.19	22.31	0	0	26.34	4.581	-0.009	12.01
2/16/2013 22:00	31266	6.758	198	16.75	13.52	2.633	263.9	22.47	8.16	47.78	44.18	26.86	24.06	0	0	26.32	4.572	-0.008	12.06
2/16/2013 23:00	31267	5.051	185	8.34	8.16	0.546	242.8	7.918	4.578	42.09	38.44	31.34	28.51	0	0	26.3	4.569	-0.003	12.07
2/17/2013 0:00	31268	3.103	198	20.35	6.368	0.725	208.2	9.64	4.578	39.77	36.23	33.64	30.91	0	0	26.28	4.566	-0.003	11.98
2/17/2013 1:00	31269	4.514	255	16.04	8.16	1.614	311.5	15.35	4.578	38.18	34.68	35.01	32.57	0	0	26.25	4.564	-0.002	16.45
2/17/2013 2:00	31270	4.055	250.9	25.89	6.368	1.016	323.4	5.249	4.578	38.1	34.18	35.36	33.71	0	0	26.23	4.561	-0.003	11.78
2/17/2013 3:00	31271	5.286	203.3	9.46	8.16	0.926	273.2	5.882	4.578	37.08	32.25	35.66	34.81	0	0	26.22	4.561	0	12.56
2/17/2013 4:00	31272	4.389	213.4	8.53	6.368	0.551	271.4	4.103	4.578	34.92	30.7	38.29	36.76	0	0	26.19	4.551	-0.01	16.02
2/17/2013 5:00	31273	4.183	231.2	5.284	6.368	0.394	313.1	5.841	2.789	34.61	30.14	38.43	37.67	0	0	26.17	4.551	0	12.61
2/17/2013 6:00	31274	3.305	233.7	6.367	4.578	0.165	319	4.123	2.789	33.15	28.96	40.45	38.95	0	0	26.17	4.552	0.001	12.06
2/17/2013 7:00	31275	3.296	250.5	19.44	6.368	0.504	323.3	4.495	4.578	30.61	27.25	44.3	41.29	0	0	26.16	4.552	0	11.61
2/17/2013 8:00	31276	2.837	253.6	7.061	4.578	0.298	318.2	11.03	2.789	31.34	26.93	43.03	41.96	0	14.25	26.15	4.553	0.001	11.67
2/17/2013 9:00	31277	3.276	233	11.48	6.368	1.449	284.1	3.23	6.368	37.42	37.17	37.44	32.29	0	199.2	26.17	4.554	0.001	11.94
2/17/2013 10:00	31278	6.265	222.7	9.51	9.95	5.02	282.4	5.82	9.95	46.13	46.57	30.03	24.84	0	426	26.25	4.549	-0.006	13.32
2/17/2013 11:00	31279	10.2	216.7	9.5	17.1	8.02	279.8	5.769	13.52	52.8	53.85	23.99	18.73	0	624.9	26.31	4.537	-0.011	12.06
2/17/2013 12:00	31280	13.19	217.2	10.23	20.68	10.14	279.7	6.178	17.1	58.15	59.59	18.36	13.05	0	761.6	26.33	4.531	-0.007	16.02
2/17/2013 13:00	31281	14.36	220	11.8	24.26	10.99	280.9	6.432	18.89	63.45	64.89	13.05	7.901	0	836	26.32	4.523	-0.007	11.8
2/17/2013 14:00	31282	18.18	214.2	10.3	27.84	13.59	278.4	6.057	22.47	67.01	68.78	8.15	2.736	0	842	26.29	4.504	-0.019	15.82
2/17/2013 15:00	31283	18.87	206.8	12.72	29.63	13.6	275	7.298	24.26	68.33	70.17	7.316	1.928	0	783	26.26	4.482	-0.022	12.02
2/17/2013 16:00	31284	17.51	201.7	10.13	26.05	12.41	272.9	6.544	20.68	67.15	68.21	8.19	2.558	0	414.3	26.22	4.463	-0.019	12.05
2/17/2013 17:00	31285	16.6	203	9.99	27.84	11.57	273.5	6.312	20.68	66.87	67.59	8.13	2.489	0	334.1	26.19	4.438	-0.025	11.76
2/17/2013 18:00	31286	14.88	200.5	9.23	24.26	10.24	272.2	6.144	18.89	66.88	67.08	7.722	2.133	0	201.7	26.16	4.426	-0.012	12.08
2/17/2013 19:00	31287	9.09	178	8.07	15.31	4.542	260.8	6.882	11.74	61.94	59.79	10.99	6.046	0	19.71	26.12	4.417	-0.009	12.06
2/17/2013 20:00	31288	8.45	180.5	9.53	11.74	3.291	260.2	7.881	6.368	55.86	51.33	15.68	11.74	0	0.004	26.09	4.409	-0.008	11.7
2/17/2013 21:00	31289	9.55	175.8	9.45	15.31	4.674	255.4	9.97	9.95	52.19	49.39	21.45	16.96	0	0.001	26.06	4.406	-0.003	13
2/17/2013 22:00	31290	13.96	184	7.052	20.68	8.3	263.6	6.615	13.52	51.8	50.47	27.84	23.5	0	0.001	26.05	4.399	-0.006	11.76
2/17/2013 23:00	31291	8.11	186.5	11.46	15.31	4.218	265	9.28	11.74	48.7	46.84	31.72	27.87	0	0	26.06	4.393	-0.006	16.55
2/18/2013 0:00	31292	12.47	190.8	8.65	20.68	7.756	267.4	6.771	15.31	49.74	48.46	32.71	28.59	0	0	26.04	4.393	0	15.42
2/18/2013 1:00	31293	13.21	183.4	7.738	34.99	8.05	263.2	7.231	18.89	49.22	48.15	41.23	36.76	0	0.001	26.04	4.387	-0.006	15.63
2/18/2013 2:00	31294	10.06	191	8.67	17.1	6.01	267.8	6.885	11.74	46.62	45.41	53.77	47.74	0	0	26.05	4.384	-0.003	15.8
2/18/2013 3:00	31295	5.345	208.7	26.19	9.95	2.046	278.3	18.89	6.368	42.5	39.89	62.42	56.77	0	0	26.03	4.382	-0.002	12.07
2/18/2013 4:00	31296	6.306	240	19.6	11.74	2.963	292.7	14.45	8.16	39.58	37.02	60.26	55.05	0	0	26.01	4.379	-0.003	15.99
2/18/2013 5:00	31297	6.341	230.5	15.08	13.52	3.227	286.3	10.02	9.95	38.7	36.84	60.54	54.58	0	0	26	4.376	-0.003	16.46
2/18/2013 6:00	31298	4.408	202	12.45	8.16	1.241	239.8	26.77	4.578	37.81	34.38	54.34	52.91	0	0	26.01	4.377	0.001	15.59
2/18/2013 7:00	31299	6.027	286.1	15.3	11.74	2.258	319.9	25.41	8.16	42.66	36.62	32.74	38.94	0	0	26.02	4.377	0	12.97
2/18/2013 8:00	31300	6.436	266.4	8.98	9.95	2.295	304.6	6.761	4.578	43.4	39.32	27.68	27.37	0	15.11	26.06	4.373	-0.004	11.51
2/18/2013 9:00	31301	5.331	270.6	15.05	11.74	2.807	302	12.39	11.74	48.83	47.96	23.98	20.41	0	194.6	26.12	9.16	4.783	15.75
2/18/2013 10:00	31302	14.35	289.5	9.43	24.26	11.4	311.2	6.434	20.68	56.53	56.47	17.16	12.35	0	419.4	26.21	9.43	0.278	12.16
2/18/2013 11:00	31303	20.59	306.9	10.99	33.21	16.6	321.1	6.652	29.63	59.66	59.97	15.14	9.98	0	618.9	26.27	9.44	0.002	12.09
2/18/2013 12:00	31304	23.68	318.8	12.11	36.78	19.16	327.1	7.32	33.21	61.44	62.02	14.74	9.53	0	743.2	26.31	9.43	-0.001	12.26
2/18/2013 13:00	31305	23.73	322.7	10.98	38.57	19.28	328.9	7.455	31.42	62.09	62.93	13.87	8.49	0	826	26.33	9.43	-0.001	16.29

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/18/2013 14:00	31306	21.49	329.5	12.68	34.99	16.61	333.2	12.75	27.84	62.74	63.97	13.74	8.13	0	829	26.33	9.43	0	12.03
2/18/2013 15:00	31307	19.02	333.4	14.17	31.42	15.34	335.2	13.06	27.84	63.08	64.21	12.31	6.642	0	768.9	26.33	9.43	-0.001	12.54
2/18/2013 16:00	31308	16.55	337.6	12.54	29.63	13.51	337.8	11.99	24.26	63.51	64.36	11.73	6.024	0	645	26.33	9.43	0	12.93
2/18/2013 17:00	31309	13.13	21.81	24.61	24.26	9	71.6	54.64	20.68	61.83	62.3	15.99	10.55	0	395.6	26.33	9.43	0.001	11.69
2/18/2013 18:00	31310	12.22	36.23	13.37	18.89	7.693	97.9	35.88	17.1	59.01	59.06	18.9	13.63	0	188.2	26.31	9.44	0.002	11.95
2/18/2013 19:00	31311	11.27	55.87	9.76	17.1	6.533	136.7	25.66	13.52	55.56	55.02	21.62	16.66	0	23.58	26.3	9.43	-0.003	15.72
2/18/2013 20:00	31312	10.82	69.35	7.097	15.31	7.051	164.5	19.02	11.74	49.42	48.52	26.66	21.58	0	0.003	26.29	9.43	-0.001	16.38
2/18/2013 21:00	31313	12.11	76.38	7.233	17.1	7.705	170.1	19.33	13.52	46.5	45.65	29.68	24.55	0	0	26.28	9.43	0	11.44
2/18/2013 22:00	31314	11.8	77.77	7.391	17.1	7.47	170.4	19.5	13.52	43.35	42.55	33.69	28.44	0	0.001	26.28	9.44	0.002	11.45
2/18/2013 23:00	31315	13.03	83.2	7.823	20.68	7.858	178.1	20.46	15.31	42.68	41.93	35.04	29.88	0	0	26.28	9.43	-0.006	16.14
2/19/2013 0:00	31316	11.69	85.9	7.999	17.1	7.036	181.9	19.59	11.74	41.56	40.92	36.72	31.48	0	0	26.29	9.43	-0.003	11.99
2/19/2013 1:00	31317	10.29	80.3	8.03	20.68	6.389	170.2	20.41	11.74	40.39	39.65	39.03	33.8	0	0	26.29	9.42	-0.01	12.31
2/19/2013 2:00	31318	9.66	101.3	9.35	15.31	6.668	200.4	15.37	11.74	41.18	40.61	41.15	35.49	0	0	26.29	9.41	-0.003	12.05
2/19/2013 3:00	31319	9.4	111.2	9.16	15.31	6.195	210.9	14.34	11.74	40.71	40.11	46.01	39.68	0	0	26.3	9.41	-0.003	15.35
2/19/2013 4:00	31320	8.39	124.6	9.44	13.52	4.931	224.5	13.74	9.95	40.49	39.7	49.42	42.92	0	0	26.3	9.41	-0.003	15.99
2/19/2013 5:00	31321	6.577	125	10.7	9.95	3.164	220.6	19.74	6.368	39.6	38.03	51.75	45.86	0	0	26.31	9.4	-0.003	12.07
2/19/2013 6:00	31322	5.52	76.52	7.014	8.16	2.822	166.1	15.25	4.578	38.08	36.02	54.28	48.63	0	0	26.31	9.4	-0.003	11.52
2/19/2013 7:00	31323	7.265	75.67	5.778	11.74	3.766	169.6	17.43	8.16	36.07	33.82	56.24	50.38	0	0	26.3	9.4	-0.002	12.05
2/19/2013 8:00	31324	9.15	81.2	7.59	11.74	5.145	174.4	20.11	8.16	33.8	32.41	59.65	51.95	0	10.89	26.29	9.4	-0.002	11.85
2/19/2013 9:00	31325	10.85	105.4	14.81	24.26	7.213	205.2	19.77	17.1	37.91	38.18	55.19	46.89	0	192.7	26.31	9.4	-0.003	15.85
2/19/2013 10:00	31326	18.87	131.7	8.6	27.84	12.28	229.8	11.65	24.26	44.54	45.66	45.45	38.58	0	414.2	26.38	9.39	-0.003	12.08
2/19/2013 11:00	31327	20.27	138.4	10.57	31.42	13.1	235.5	11.58	24.26	48.22	49.65	38.41	32.6	0	525	26.41	9.39	-0.004	12.09
2/19/2013 12:00	31328	20.79	142.1	10.42	31.42	13.62	237.9	10.85	24.26	52.04	53.97	32.55	26.74	0	644.6	26.42	9.37	-0.015	11.93
2/19/2013 13:00	31329	20.88	144.7	10.51	29.63	13.61	238.7	10.95	24.26	52.92	54.58	32.3	26.59	0	536.4	26.39	9.36	-0.01	11.86
2/19/2013 14:00	31330	21.12	153.1	12.22	33.21	13.66	244.5	10.53	24.26	53.87	55.25	31.67	26.2	0	435.2	26.35	9.35	-0.013	12.02
2/19/2013 15:00	31331	19.02	157.2	11.74	27.84	12.24	246.8	9.91	22.47	53.84	54.62	32.93	27.88	0	241.6	26.31	9.34	-0.01	11.93
2/19/2013 16:00	31332	18.07	164.3	10.54	27.84	11.14	252.2	9.35	20.68	54.39	54.85	33.41	28.69	0	164.7	26.28	9.33	-0.012	12.03
2/19/2013 17:00	31333	15.67	173.1	9.88	26.05	9.92	256.3	8.26	18.89	54.55	54.58	34.02	30.17	0	68.39	26.28	9.32	-0.009	15.57
2/19/2013 18:00	31334	11.15	168.1	11.24	18.89	6.903	253.2	9.2	13.52	49.67	49.35	59.61	54.95	0	34.74	26.26	9.32	-0.004	11.51
2/19/2013 19:00	31335	11.25	164.5	8.54	22.47	6.94	251.7	8.27	17.1	46.24	45.87	78.44	70.45	0.02	3.539	26.25	9.32	0	16.27
2/19/2013 20:00	31336	10.05	170.4	9.97	22.47	6.068	256.1	8.79	17.1	43.6	43.43	92.8	81.6	0.04	0	26.26	9.32	0.001	12.35
2/19/2013 21:00	31337	7.032	165.8	8.63	11.74	4.058	253.5	8.4	8.16	43.33	43.23	97.7	85.9	0.05	0	26.26	9.33	0.013	15.08
2/19/2013 22:00	31338	7.557	167.2	11.91	11.74	4.572	254.9	9.81	8.16	43.34	43.12	95.7	86.1	0.06	0	26.24	9.37	0.039	11.84
2/19/2013 23:00	31339	7.877	167.1	11.04	11.74	4.695	255.4	9.21	9.95	42.94	42.78	97.5	87.4	0.16	0	26.23	9.43	0.066	12.07
2/20/2013 0:00	31340	4.74	131.8	20.78	9.95	2.414	224.3	18.62	8.16	43.19	42.94	96.4	87.9	0.03	0	26.21	9.44	0.001	12.11
2/20/2013 1:00	31341	6.97	118.3	7.368	17.1	4.246	219.7	13.58	8.16	43.53	43.09	94	86.7	0.03	0	26.2	9.44	0	12.12
2/20/2013 2:00	31342	10.27	121.6	9.16	18.89	6.387	221.5	13.71	15.31	43.26	42.78	91.2	83.9	0.02	0.001	26.17	9.44	0	16.54
2/20/2013 3:00	31343	9.56	115.1	12.43	17.1	6.15	214.2	16.89	15.31	42.33	41.68	89.7	80.9	0	0	26.11	9.44	0.001	16.14
2/20/2013 4:00	31344	7.411	101.8	26.2	11.74	4.345	195	32.92	8.16	41.32	40.64	91.2	81.8	0	0	26.09	9.44	0	16.21
2/20/2013 5:00	31345	6.172	100.1	14.48	9.95	3.097	190.4	18.42	8.16	38.98	39.28	93.1	82.9	0	0	26.08	9.44	0	12.81
2/20/2013 6:00	31346	8.38	108.9	20.4	11.74	4.583	205.2	25.32	8.16	27.24	38.32	93	83.9	0	0	26.06	9.44	0	11.65
2/20/2013 7:00	31347	10.4	115.5	13.73	15.31	6.545	214.4	17.96	11.74	13.2	39.95	90.4	81.8	0	0	26.04	9.44	0	12.07
2/20/2013 8:00	31348	10.27	122.5	8.61	15.31	6.453	221.8	12.55	13.52	22.18	42.2	88.9	79.5	0	7.29	26.04	9.44	0	13.08
2/20/2013 9:00	31349	12.49	137.6	14.99	24.26	7.954	234.1	13.94	17.1	25.03	43.36	91.3	80.5	0	65.93	26.04	9.44	-0.001	13.11
2/20/2013 10:00	31350	14.42	146.7	8.8	26.05	9.4	240.7	9.51	20.68	33.51	45.97	91.3	80.9	0	130.4	26.05	9.43	-0.003	11.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/20/2013 11:00	31351	15.81	157	10.02	24.26	10.18	247.1	9.45	20.68	29.53	49.37	86.7	76.71	0	316.8	26.06	9.44	0.003	16.28
2/20/2013 12:00	31352	16.23	151.8	10.71	24.26	10.75	243.2	10.03	18.89	42.57	52.92	80.5	70.92	0	569.9	26.06	9.43	-0.003	12.07
2/20/2013 13:00	31353	15.33	141.3	12.4	24.26	10.25	236.3	13.18	18.89	46.05	55.25	76.92	67.68	0	627.9	26.07	9.44	0.003	15.91
2/20/2013 14:00	31354	14.71	146.4	12.65	24.26	9.89	240.1	11.98	20.68	47.56	59.5	69.69	61.82	0	819	26.05	9.43	-0.002	12.08
2/20/2013 15:00	31355	14.83	149.3	13.3	24.26	10.19	242.5	11.93	18.89	47.86	62.48	61.02	55.25	0	743.9	26.02	9.43	-0.001	12.17
2/20/2013 16:00	31356	14.56	138.4	17.52	24.26	9.72	234.2	15.6	20.68	55.73	64.25	56.92	51.86	0	611	25.99	9.43	0	12.28
2/20/2013 17:00	31357	17.18	124.1	9.63	26.05	11.19	224.7	13.03	18.89	61.52	63.31	61.4	55.71	0	419.8	25.95	9.43	0	12.09
2/20/2013 18:00	31358	19.41	102.3	14.45	29.63	13.07	203.5	19.64	27.84	58.4	59.55	72.15	65.36	0	196.2	25.91	9.44	0.002	12
2/20/2013 19:00	31359	18.79	84.2	9.03	27.84	11.85	179.9	21.14	22.47	51.42	52.2	93.3	82.8	0	15.67	25.88	9.43	-0.002	16.09
2/20/2013 20:00	31360	16.15	80.4	9.81	24.26	10.33	174.1	22.37	18.89	49.04	49.78	97.8	89.3	0	0.007	25.88	9.44	0.002	11.42
2/20/2013 21:00	31361	19.88	90.2	7.935	29.63	12.41	190	18.93	22.47	46.94	47.52	98.3	99.9	0	0.003	25.86	9.43	-0.003	12
2/20/2013 22:00	31362	15.26	77.29	9.94	26.05	9.66	170.5	22.34	17.1	45.23	46.15	98.2	99.9	0	0.002	25.84	9.43	0	16.07
2/20/2013 23:00	31363	9.9	63.31	47.38	24.26	6.26	173.7	60.73	17.1	41.98	44.98	97.9	99.9	0.33	0.001	25.86	9.41	-0.025	15.8
2/21/2013 0:00	31364	10.51	46.3	13.59	18.89	6.14	121.7	32.24	15.31	42.92	43.98	98	99.9	0.01	0.001	25.87	9.41	0.001	16.19
2/21/2013 1:00	31365	7.948	40.93	16.65	24.26	4.631	113.6	43.33	17.1	40.77	42.22	97.1	99.4	0	0	25.88	9.4	-0.005	11.5
2/21/2013 2:00	31366	10.56	292	22.98	29.63	7.168	311.7	12.46	22.47	39.4	42.06	92	90.2	0	0	25.91	9.4	0.001	12.07
2/21/2013 3:00	31367	19.49	277	12.19	31.42	13.79	304.7	7.024	26.05	42.36	43.21	62.14	56.94	0	0	25.93	9.4	-0.006	16.44
2/21/2013 4:00	31368	16.36	248.6	10.26	33.21	11.52	292.4	5.05	26.05	40.01	41.23	56.53	51.31	0	0	25.9	9.39	-0.006	12.08
2/21/2013 5:00	31369	17.9	252.5	15.12	38.57	11.95	294.8	7.212	31.42	38.63	39.69	56.58	52.84	0	0	25.89	9.39	-0.003	15.94
2/21/2013 6:00	31370	16.08	251.4	9.59	29.63	11.14	293.1	4.852	20.68	26.77	37.83	62.5	57.13	0	0	25.9	9.38	-0.006	14.22
2/21/2013 7:00	31371	13.92	245.3	11.78	24.26	9.85	291.2	5.474	18.89	7.216	36.26	66.19	60.44	0	0	25.9	9.38	-0.003	16.14
2/21/2013 8:00	31372	12.85	234	13.64	24.26	9.23	287.1	6.477	20.68	-0.665	34.78	72.37	65.36	0	19.23	25.9	9.37	-0.006	12.09
2/21/2013 9:00	31373	13.26	245.4	11.63	26.05	9.54	291.5	5.53	18.89	-2.04	37.68	63.43	57.21	0	208.8	25.93	9.37	-0.004	12.11
2/21/2013 10:00	31374	17.36	257.6	10.37	29.63	11.7	296.2	6.337	22.47	-3.136	41.38	49.94	46.25	0	427.9	25.99	9.36	-0.006	16.4
2/21/2013 11:00	31375	17.36	257.7	11.63	27.84	11.95	296.7	6.986	20.68	-5.325	45.1	44.83	42.32	0	625.1	26.03	9.36	-0.007	12.1
2/21/2013 12:00	31376	18.91	284	17.51	33.21	15.06	309.7	7.267	29.63	13.82	48.97	37.8	37.81	0	765.7	26.07	9.35	-0.006	12
2/21/2013 13:00	31377	20.83	285.6	12.01	36.78	16.27	310.2	6.954	29.63	33.09	52.1	34	34.04	0	845	26.09	9.35	-0.001	11.44
2/21/2013 14:00	31378	18.09	282.3	15.39	29.63	13.68	309	8.52	26.05	42.37	54.42	31.48	30.98	0	850	26.1	9.35	-0.003	15.83
2/21/2013 15:00	31379	17.13	286.5	14.91	29.63	13.52	311	8.45	27.84	51.14	56.76	27.41	26.5	0	785.9	26.1	9.34	-0.003	11.59
2/21/2013 16:00	31380	16.64	282.3	12.17	27.84	12.98	309	7.061	26.05	51.08	58.43	23.27	21.84	0	658.1	26.1	9.34	-0.003	11.93
2/21/2013 17:00	31381	17.18	279.4	12.46	27.84	13.03	307.5	7.113	24.26	58.24	58.86	22.47	20.54	0	478	26.08	9.33	-0.013	15.96
2/21/2013 18:00	31382	16.09	274.7	12.05	26.05	11.51	305.2	6.813	20.68	31.77	57.67	22.46	19.89	0	262.9	26.08	9.32	-0.006	16.29
2/21/2013 19:00	31383	11.01	266.6	9.49	20.68	6.905	300.8	6.043	17.1	35.9	53.04	29.12	27.4	0	26.93	26.09	9.31	-0.015	12.03
2/21/2013 20:00	31384	5.948	225.3	40.2	9.95	3.001	273.3	27.63	6.368	48.14	45.22	40.75	43.06	0	0.021	26.08	9.3	-0.007	11.52
2/21/2013 21:00	31385	6.111	243.4	13.33	9.95	2.253	294.9	8.91	4.578	45.67	42.4	45.35	47.32	0	0	26.09	9.29	-0.007	15.78
2/21/2013 22:00	31386	5.013	240.6	48.1	8.16	2.001	296.9	33.33	6.368	42.73	38.63	52.01	55.95	0	0	26.09	9.29	-0.006	11.98
2/21/2013 23:00	31387	7.539	327.8	6.585	11.74	4.391	337.8	6.116	8.16	43.9	40.7	47.19	50.14	0	0	26.07	9.28	-0.006	13.32
2/22/2013 0:00	31388	7.698	354.8	23.01	13.52	4.799	6.234	45.38	9.95	41.97	40.31	50.34	48.48	0	0	26.08	9.28	-0.003	12.04
2/22/2013 1:00	31389	2.505	233.9	48.76	9.95	0.752	284.2	24.87	6.368	38.58	34.54	57.4	62.89	0	0	26.09	9.27	-0.005	14.72
2/22/2013 2:00	31390	1.522	335.6	6.205	4.578	1.05	194.5	24.37	4.578	38.41	32.98	56.59	66.32	0	0	26.07	9.27	-0.004	11.91
2/22/2013 3:00	31391	6.336	45.65	24.68	11.74	3.724	132.7	37.78	9.95	37.77	35.11	59.04	60.23	0	0	26.08	9.26	-0.003	15.69
2/22/2013 4:00	31392	10.33	52.14	14.81	17.1	6.176	136.4	30.15	11.74	33.41	33.02	83.3	70.97	0	0	26.08	9.26	-0.003	11.46
2/22/2013 5:00	31393	11.42	82.5	14.58	18.89	7.271	181.2	24.75	15.31	31.89	31.78	98.9	82.6	0	0	26.1	9.26	-0.003	15.69
2/22/2013 6:00	31394	11.17	95.3	11.35	18.89	7.75	198	20.01	13.52	31.56	31.71	99.9	85.1	0	0	26.13	9.26	0	12.07
2/22/2013 7:00	31395	11.22	99.3	10.79	18.89	7.752	203.8	17.8	15.31	30.27	30.42	99.9	86	0	0	26.15	9.25	-0.003	12.07

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/22/2013 8:00	31396	11.3	101.8	11.2	17.1	7.715	205	18.56	15.31	29.46	29.65	99.9	86.3	0	4.952	26.16	9.25	-0.003	12.05
2/22/2013 9:00	31397	11.97	101.5	10.11	18.89	8.42	205.4	17.47	15.31	28.14	28.53	95.7	82.4	0	82.6	26.18	9.25	0	16.03
2/22/2013 10:00	31398	10.07	101.2	12.61	15.31	7.279	203.6	19.88	13.52	29.89	30.93	89.1	76.13	0	346	26.2	9.25	-0.005	16.36
2/22/2013 11:00	31399	10.58	115	13.55	17.1	7.843	217.6	18.61	13.52	32.55	36.43	71.9	61.97	0	626.8	26.23	9.24	-0.003	12.05
2/22/2013 12:00	31400	8.68	136.5	20.94	17.1	6.305	236.2	18.97	13.52	28.48	41.56	58.31	50.52	0	770.1	26.27	9.24	-0.001	16.17
2/22/2013 13:00	31401	6.218	132.2	31.61	13.52	4.769	232.3	29.51	9.95	39.27	46.44	49.65	43.86	0	843	26.3	9.24	-0.003	16.17
2/22/2013 14:00	31402	4.214	129.7	73.05	11.74	3.332	252.7	62.05	9.95	50.17	51.15	40.29	37.54	0	845	26.3	9.24	-0.004	12.5
2/22/2013 15:00	31403	5.19	214.6	58.08	13.52	4.085	278.5	35.13	11.74	52.63	53.25	37.2	34.27	0	793	26.3	9.23	-0.002	13.93
2/22/2013 16:00	31404	4.091	232.2	69.81	11.74	3.455	287.9	44.63	9.95	55.21	55.23	34.19	31.73	0	651.4	26.28	9.23	-0.003	15.65
2/22/2013 17:00	31405	6.357	183.3	33.35	17.1	4.658	263.5	23.75	13.52	57.03	57.83	31.39	27.96	0	480.2	26.25	9.23	-0.005	11.93
2/22/2013 18:00	31406	15.12	227.2	18.37	27.84	11.12	284.8	8.38	24.26	56.84	57.14	23.21	20.35	0	262.9	26.23	9.21	-0.014	12.11
2/22/2013 19:00	31407	11.16	237.4	8.65	20.68	8.1	288.3	4.385	17.1	54.35	53.43	25.01	22.99	0	27.14	26.21	9.2	-0.012	12.09
2/22/2013 20:00	31408	7.168	221.7	8.37	11.74	3.988	281.3	5.715	8.16	49.43	47.68	33.2	32.75	0	0.039	26.19	9.19	-0.007	16.24
2/22/2013 21:00	31409	4.83	200.5	29.03	8.16	1.41	249.8	16.79	4.578	45.4	42.53	41.2	41.97	0	0	26.18	9.19	-0.004	12.07
2/22/2013 22:00	31410	4.904	138.6	68.26	13.52	2.742	204	48.59	9.95	44.12	41.42	46.02	46.85	0	0	26.17	9.19	-0.002	13.94
2/22/2013 23:00	31411	8.19	112	20.24	17.1	5.04	212.4	27.25	13.52	41.42	39.67	57.24	54.12	0	0	26.17	9.18	-0.003	16.29
2/23/2013 0:00	31412	10.09	118.5	9.78	17.1	6.165	220.4	13.95	11.74	38.5	37.65	64.9	57.91	0	0	26.17	9.18	0	12.41
2/23/2013 1:00	31413	9.13	127.7	7.846	22.47	5.429	228.1	11.49	13.52	37.34	36.45	66.01	58.8	0	0	26.15	9.18	-0.003	13.27
2/23/2013 2:00	31414	7.639	145.9	13.39	13.52	4.075	241.2	14.09	8.16	35.73	34.48	68.92	62.04	0	0	26.15	9.18	-0.002	12.11
2/23/2013 3:00	31415	7.401	264.5	59.67	29.63	4.492	306.6	22.21	24.26	36.99	35.75	64.76	59.1	0	0	26.17	9.17	-0.002	11.92
2/23/2013 4:00	31416	5.163	290.6	19.6	8.16	1.201	322.2	11.12	4.578	37.3	33.54	62.96	62.87	0	0	26.16	9.17	-0.003	12.04
2/23/2013 5:00	31417	8.44	308.6	6.264	11.74	5.106	322	4.046	8.16	36.62	34.56	62.57	59.54	0	0	26.15	9.17	0.001	12.07
2/23/2013 6:00	31418	8.36	312	7.946	13.52	5.643	323.8	4.826	9.95	36.03	34.81	60.78	55.63	0	0	26.17	9.17	0	12.13
2/23/2013 7:00	31419	6.844	303	14.15	9.95	3.486	316	10.35	6.368	34.35	31.81	60.68	58.04	0	0	26.17	9.17	0	11.46
2/23/2013 8:00	31420	4.945	285.3	19.21	8.16	1.734	325.2	10.24	6.368	33.18	30.23	62.48	61.11	0	23.12	26.16	9.17	-0.003	12.04
2/23/2013 9:00	31421	6.842	298.3	9.58	11.74	5.425	315.8	5.955	9.95	37.53	37.23	53.68	48.29	0	223.9	26.18	9.17	0.001	12.07
2/23/2013 10:00	31422	12.4	290.4	11.76	20.68	9.88	312.7	6.844	18.89	44.78	44.87	32.3	29.44	0	450.5	26.24	9.16	-0.006	11.82
2/23/2013 11:00	31423	15.74	286.7	11.2	26.05	12.49	310.9	6.615	24.26	48.5	48.94	21.93	18.29	0	653.2	26.28	9.16	-0.002	15.79
2/23/2013 12:00	31424	13.98	279.3	15.01	22.47	10.69	307.4	8.31	20.68	51.34	52.05	19.22	15.27	0	796.9	26.3	9.16	-0.004	15.44
2/23/2013 13:00	31425	12.92	259	16.84	24.26	9.53	297.4	8.87	18.89	54.11	54.68	16.46	12.41	0	873	26.29	9.15	-0.003	16.06
2/23/2013 14:00	31426	12.17	246.5	16.86	22.47	9.09	292	8.04	17.1	56.47	57.1	13.58	9.29	0	879	26.27	9.14	-0.017	15.53
2/23/2013 15:00	31427	13.18	222.1	13.07	22.47	10.12	282.7	6.735	18.89	57.97	59	15.62	11	0	810	26.25	9.13	-0.011	16.19
2/23/2013 16:00	31428	13.8	208.2	11.92	22.47	10.1	276.8	6.999	20.68	59.56	60.82	13.6	8.66	0	677.9	26.21	9.12	-0.01	11.78
2/23/2013 17:00	31429	14.95	211.8	11.96	22.47	10.92	278.4	6.6	18.89	61.16	62.2	13.37	8.46	0	491.4	26.17	9.1	-0.014	11.93
2/23/2013 18:00	31430	16.34	219.5	9.67	27.84	11.77	281.4	5.463	20.68	62.32	62.6	15.1	10.8	0	270.7	26.14	9.09	-0.015	12.08
2/23/2013 19:00	31431	13.07	226.4	8.34	24.26	9.14	284.5	4.817	18.89	59.99	59.1	17.97	14.5	0	30.85	26.12	9.07	-0.012	12.07
2/23/2013 20:00	31432	11.74	219.3	7.404	17.1	7.7	281.3	4.684	13.52	55.68	54.43	23.43	20.49	0	0.069	26.09	9.05	-0.024	16.49
2/23/2013 21:00	31433	13.22	216	7.737	20.68	8.87	279.5	4.872	15.31	54.51	53.31	23.79	20.54	0	0.005	26.07	9.04	-0.014	12.29
2/23/2013 22:00	31434	7.801	217.6	9.43	15.31	3.983	282.6	8.05	9.95	50.82	48.44	28.31	26.87	0	0.002	26.06	9.03	-0.009	12.06
2/23/2013 23:00	31435	5.007	267.6	31.42	8.16	1.751	326.7	5.266	4.578	48.52	43.99	30.63	33.42	0	0	26.04	9.02	-0.004	11.67
2/24/2013 0:00	31436	3.671	224.4	44.2	6.368	1.806	262.2	59.04	4.578	46.55	41.03	33.67	39.16	0	0	26.01	9.02	0.001	12.09
2/24/2013 1:00	31437	5.513	196.5	40.22	13.52	1.527	252.4	21.29	6.368	44.56	39.89	37.68	40.84	0	0	25.99	9.02	-0.006	16.01
2/24/2013 2:00	31438	5.513	227.8	21.28	11.74	2.02	286.9	14.38	6.368	42.95	40.1	42.4	42.38	0	0	25.97	9.01	-0.01	12.11
2/24/2013 3:00	31439	6.894	195.5	14.31	13.52	2.519	262	7.747	6.368	41.5	37.54	45.61	47.57	0	0	25.95	9	-0.003	15.81
2/24/2013 4:00	31440	5.621	193.2	15.48	9.95	1.473	264.2	12.32	6.368	40.37	36.82	46.73	47.82	0	0	25.93	9	0	16.36

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/24/2013 5:00	31441	6.277	200.1	20.73	11.74	2.565	271	14.33	9.95	41.15	38	49.87	48.46	0	0	25.92	9.01	0.001	16.41
2/24/2013 6:00	31442	9.14	189.1	9.03	15.31	5.268	268.5	7.278	11.74	42.12	40.69	55.39	50.76	0	0	25.92	9	-0.004	12.1
2/24/2013 7:00	31443	6.394	212.2	21.43	11.74	3.555	281.1	12.95	8.16	40.69	38.93	57.92	53.37	0	0	25.93	9	-0.003	15.5
2/24/2013 8:00	31444	4.227	278.5	12.49	6.368	2.484	323.9	7.221	4.578	38.97	36.27	59.86	57.08	0	24.35	25.93	9	0	12.12
2/24/2013 9:00	31445	4.899	235.9	27.78	9.95	3.45	289	13.16	8.16	43.61	43.47	53.38	47.23	0	221.4	25.96	8.99	-0.004	16.07
2/24/2013 10:00	31446	5.897	214	13.32	9.95	4.674	279.6	7.886	8.16	48.67	49.01	44.78	39.68	0	444.5	26.02	8.99	-0.007	12.04
2/24/2013 11:00	31447	8.7	215.2	13.51	13.52	6.768	279.9	7.184	11.74	54.69	55.4	34.17	30.43	0	640.1	26.06	8.99	-0.002	15.34
2/24/2013 12:00	31448	11.83	223.6	12.25	18.89	9.14	283.5	6.244	15.31	61.36	62.03	22.96	19.67	0	774.6	26.08	8.98	-0.003	14.07
2/24/2013 13:00	31449	15.55	224.7	18.58	34.99	11.62	284.3	9	27.84	65.83	66.53	15.25	11.63	0	849	26.07	8.98	-0.007	16.53
2/24/2013 14:00	31450	21.45	233.1	12.93	33.21	16.08	287.4	5.785	27.84	66.75	67.52	11.93	7.763	0	856	26.03	8.96	-0.019	15.56
2/24/2013 15:00	31451	21.5	230.5	12.2	33.21	15.99	286.2	5.871	27.84	67.22	68.07	11.49	7.166	0	791.6	26	8.93	-0.032	12.04
2/24/2013 16:00	31452	17.33	246.2	13	31.42	12.55	291.7	6.202	27.84	68.03	68.52	11.01	6.849	0	658.7	25.97	8.91	-0.013	12.09
2/24/2013 17:00	31453	17.95	243.4	12.37	38.57	13.15	290.8	5.604	31.42	68.99	69.25	9	4.585	0	468	25.94	8.88	-0.032	14.23
2/24/2013 18:00	31454	12.57	264.6	14.95	24.26	8.64	300.2	8.17	17.1	68.01	67.9	10.38	6.251	0	209.7	25.91	8.87	-0.012	11.99
2/24/2013 19:00	31455	15.05	285.2	12.84	38.57	11.53	310.2	6.926	29.63	64.05	63.42	14.86	10.91	0	26.36	25.91	8.86	-0.01	15.56
2/24/2013 20:00	31456	24.49	321.2	9.76	38.57	19.45	328.5	5.666	31.42	54.96	54.69	32.97	29.06	0	0.036	25.92	8.84	-0.021	11.9
2/24/2013 21:00	31457	23.77	320.5	7.775	38.57	18.63	328	4.906	34.99	50.24	50.06	42.53	38.02	0	0.002	25.93	8.82	-0.014	12.08
2/24/2013 22:00	31458	19.42	321.6	8.39	33.21	15.27	328.6	5.432	29.63	47.81	47.59	43.17	38.46	0	0.001	25.95	8.82	-0.006	12.03
2/24/2013 23:00	31459	12.95	324.9	9.45	24.26	10.16	330.3	6.035	20.68	46.3	46	46.48	41.27	0	0	25.97	8.81	-0.006	12.04
2/25/2013 0:00	31460	9.08	30.16	32.5	17.1	5.619	95.8	76.83	11.74	43.89	43.68	58.81	51.31	0	0	25.96	8.81	-0.002	15.67
2/25/2013 1:00	31461	5.282	74.66	30.63	15.31	3.211	179	50.89	8.16	40.72	40.49	69.9	60.71	0	0	25.94	8.8	-0.005	15.6
2/25/2013 2:00	31462	8.02	347.4	51.99	13.52	5.869	327.3	66.21	9.95	39.21	38.98	74.17	64.31	0	0	25.94	8.8	-0.003	15.41
2/25/2013 3:00	31463	9.35	310.7	11.55	15.31	7.048	322.6	6.579	13.52	36.98	36.58	74.93	65.29	0	0	25.93	8.8	0	11.62
2/25/2013 4:00	31464	9.62	324.7	9.53	15.31	7.099	330.1	7.2	13.52	35.36	34.92	73.34	63.78	0	0	25.91	8.8	-0.006	12.12
2/25/2013 5:00	31465	12.69	349.4	15.35	27.84	9.64	350.3	26.75	22.47	34.92	34.82	78.19	67.11	0	0	25.91	8.79	-0.003	11.56
2/25/2013 6:00	31466	21.25	3.635	9.56	33.21	15.1	6.679	26.91	27.84	32.49	32.67	84	71.21	0	0	25.94	8.79	-0.003	11.46
2/25/2013 7:00	31467	19.2	342.4	10.1	38.57	15.39	340.2	10.56	34.99	32.11	32.17	82.7	70.7	0	0	25.98	8.79	0.002	11.53
2/25/2013 8:00	31468	22.05	330.8	8.61	33.21	17.88	333.3	6.099	29.63	31.54	31.61	88.9	74.24	0	6.174	26.01	8.79	-0.006	12
2/25/2013 9:00	31469	25.65	327.8	9.31	43.94	20.53	331.9	6.804	38.57	32.37	32.44	85.2	72.71	0	95.9	26.04	8.78	-0.004	16.36
2/25/2013 10:00	31470	31.51	328.1	8.17	49.31	25.52	331.7	6.255	42.15	33.82	34.03	83.3	71.04	0	236.4	26.07	8.78	-0.002	16.35
2/25/2013 11:00	31471	35.16	324.5	7.723	52.89	28.16	329.6	5.384	47.52	34.54	34.83	78.25	66.6	0	261.5	26.11	8.78	-0.003	12.03
2/25/2013 12:00	31472	30.99	329.8	8.5	45.73	25.07	332.6	6.535	42.15	34.62	34.76	77.94	67.09	0	311.7	26.14	8.78	0	14.24
2/25/2013 13:00	31473	31.77	334.7	9.42	47.52	25.67	335.3	8.33	40.36	40.32	41.24	51.43	44.87	0	807	26.15	8.77	-0.005	11.97
2/25/2013 14:00	31474	31.77	343.9	10.36	49.31	25.17	340.8	11.09	43.94	42.1	43.36	43.77	37.68	0	863	26.17	8.77	-0.004	11.63
2/25/2013 15:00	31475	28.97	341.6	10.77	43.94	23.1	339.6	11.54	40.36	43.26	44.51	40.26	34.63	0	791.5	26.18	8.76	-0.006	12.11
2/25/2013 16:00	31476	26.32	340.3	12	38.57	20.95	339	12.21	34.99	44.75	45.88	37.82	32.6	0	680.1	26.18	8.75	-0.01	12.11
2/25/2013 17:00	31477	25.4	338.7	10.22	38.57	20.49	338	10.19	33.21	45.87	46.74	34.79	29.79	0	495.5	26.18	8.74	-0.009	13.49
2/25/2013 18:00	31478	24.27	336.5	8.61	36.78	19.76	336.2	7.871	31.42	46.03	46.43	29.34	24.61	0	278.4	26.18	8.74	-0.006	12.1
2/25/2013 19:00	31479	14.63	354.9	9.15	26.05	10.66	351.5	18.6	24.26	44.83	44.58	33.16	28.8	0	47.34	26.16	8.73	-0.01	11.67
2/25/2013 20:00	31480	8.88	14.87	10.61	13.52	6.447	41.53	39.13	13.52	40.79	40.42	44.48	38.96	0	0.058	26.15	8.69	-0.032	13.99
2/25/2013 21:00	31481	9.38	24.18	8.42	13.52	7.095	66.64	28.45	11.74	37.82	37.47	50.52	43.67	0	0	26.14	8.69	-0.003	15.86
2/25/2013 22:00	31482	5.881	1.349	26.28	13.52	3.625	2.426	45.17	9.95	35.43	34.33	56.81	50.29	0	0	26.13	8.68	-0.005	12.1
2/25/2013 23:00	31483	3.836	325.9	37.78	6.368	1.572	335.5	28.27	4.578	33.78	30.92	60.69	56.65	0	0	26.12	8.68	-0.001	12.8
2/26/2013 0:00	31484	4.486	327.2	35.79	8.16	1.697	328.9	25	6.368	32.47	29.28	65.02	60.93	0	0	26.1	8.68	-0.003	16.34
2/26/2013 1:00	31485	3.607	286.3	18.76	8.16	0.474	289.6	2.093	4.578	31.33	27.48	67.12	64.28	0	0	26.08	8.68	-0.002	15.49

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/26/2013 2:00	31486	2.701	313.7	15.17	6.368	0.588	211.5	23.18	2.789	30.35	25.74	69.92	67.94	0	0	26.06	8.68	0.005	15.6
2/26/2013 3:00	31487	1.727	353.7	18.42	4.578	1.22	183.8	24.17	4.578	29.94	25.74	70.48	69	0	0	26.03	8.68	0	16.24
2/26/2013 4:00	31488	0.625	11.67	3.955	4.578	0.512	189.1	17.88	2.789	30.42	25.65	68.54	69.03	0	0	26.02	8.68	0	15.58
2/26/2013 5:00	31489	0.052	24.44	0.021	2.789	0.031	152.7	0.698	2.789	29.42	24.37	70.34	72.95	0	0	26.01	8.68	0	12.05
2/26/2013 6:00	31490	0	0	0	0	0.018	163	1.938	2.789	30.59	25.85	66.5	68.95	0	0	26	8.68	0	16.21
2/26/2013 7:00	31491	0	0	0	0	0	0	0	0	28.63	23.17	72.02	73.25	0	0	26	8.68	0	15.89
2/26/2013 8:00	31492	0	0	0	0	0.142	179.1	1.425	2.789	29.11	24.71	71.31	72.7	0	29.24	26.01	8.68	0	15.76
2/26/2013 9:00	31493	3.063	154.1	16.58	9.95	1.901	252.5	8.28	8.16	35.26	34.79	62.52	58.46	0	233.3	26.05	8.68	0	12.86
2/26/2013 10:00	31494	8.75	179.5	17.07	13.52	6.187	263.5	11.41	11.74	40.74	41.74	48.33	42.08	0	460.3	26.11	8.69	0.001	12.08
2/26/2013 11:00	31495	8.28	217	16.97	13.52	6.481	280.8	8.29	11.74	46.74	47.44	34.98	30.46	0	662.6	26.16	8.68	-0.006	13.48
2/26/2013 12:00	31496	8.73	248.4	17.76	15.31	6.662	293.3	9.09	11.74	51.62	52.09	29.59	25.52	0	804	26.19	8.66	-0.017	16.34
2/26/2013 13:00	31497	9.92	250.8	18.69	17.1	7.598	294.3	9.46	15.31	58.57	59.05	19.27	15.3	0	875	26.19	8.65	-0.011	12.11
2/26/2013 14:00	31498	10.91	236.7	21.01	20.68	8.15	288.1	10.31	18.89	61.82	62.64	15.14	10.84	0	882	26.18	8.64	-0.007	12.11
2/26/2013 15:00	31499	9.84	250.4	26.6	18.89	7.398	294.8	12.78	15.31	63.94	64.89	9.61	4.898	0	820	26.16	8.64	-0.003	13.33
2/26/2013 16:00	31500	11.33	227	22.28	22.47	5.248	256.9	42.47	61.83	64.68	65.76	9.47	4.425	0	686.8	26.13	8.63	-0.009	12.01
2/26/2013 17:00	31501	10.11	221.1	48.04	31.42	8.11	220.2	25.32	18.89	65.48	66.08	9.35	4.151	0	502	26.09	8.62	-0.011	14.9
2/26/2013 18:00	31502	7.542	230.7	11.04	70.78	10.54	224	15.68	18.89	65.55	65.69	9.96	4.961	0.1	280.8	26.06	7.848	-0.773	11.78
2/26/2013 19:00	31503	14.71	232.8	9.66	24.26	10.54	231	11.2	20.68	62.69	61.99	11.17	6.541	0	51.34	26.05	7.835	-0.013	14.86
2/26/2013 20:00	31504	9.59	240.7	7.67	13.52	6.229	237	9.26	9.95	56.6	55.24	15.66	11.53	0	0.095	26.05	7.823	-0.012	15.67
2/26/2013 21:00	31505	13.9	308.7	40.05	34.99	10.08	307.6	38.86	27.84	53.1	51.79	20.88	16.86	0	0.002	26.07	7.818	-0.005	13.59
2/26/2013 22:00	31506	18.21	348.3	9	29.63	13.05	342.1	14.12	26.05	49.31	48.79	23.46	18.59	0	0.001	26.12	7.812	-0.006	15.59
2/26/2013 23:00	31507	19.34	346.3	9.5	34.99	13.99	341.1	14.03	26.05	47.04	46.51	19.43	14.01	0	0	26.15	7.803	-0.01	11.75
2/27/2013 0:00	31508	17.87	338.8	8.63	29.63	13.88	334.9	12.43	24.26	45.02	44.38	19.22	13.56	0	0.001	26.17	7.8	-0.003	15.17
2/27/2013 1:00	31509	13.18	359	8.76	33.21	8.47	353.6	13.3	26.05	40.35	40.16	43.37	35.97	0	0	26.19	7.792	-0.008	13.82
2/27/2013 2:00	31510	11.38	0.673	9.21	20.68	7.423	356.5	12.96	15.31	36.46	36.33	64.16	54.82	0	0	26.21	7.786	-0.006	11.65
2/27/2013 3:00	31511	12.55	352.9	9.63	22.47	8.45	347.8	14.62	17.1	34.82	34.7	66.7	57.03	0	0	26.22	7.783	-0.003	13.35
2/27/2013 4:00	31512	9.9	340.6	11.44	17.1	7.328	336.6	13.89	13.52	33.74	33.32	72.04	61.91	0	0	26.24	7.782	-0.001	13.88
2/27/2013 5:00	31513	9.54	341.9	12.57	18.89	6.936	337.1	14.82	13.52	33.07	32.67	74.24	63.77	0	0	26.24	7.782	0	12.09
2/27/2013 6:00	31514	10.71	343	9.69	18.89	7.875	337.6	13.49	15.31	32.19	31.65	75.3	65	0	0	26.26	7.779	-0.003	16.37
2/27/2013 7:00	31515	13.24	357.1	8.57	20.68	8.53	352.1	13.12	15.31	33.08	32.75	69.88	60.35	0	0	26.29	7.779	0	12.48
2/27/2013 8:00	31516	14.16	357.1	9.18	22.47	9.36	351.1	14.4	18.89	33.96	33.58	64.42	55.79	0	31.56	26.31	7.776	-0.003	12.11
2/27/2013 9:00	31517	17.79	352.5	21.07	29.63	13.36	349.4	11.64	24.26	37.36	37.49	56.07	48.58	0	240.3	26.36	7.771	-0.006	12.02
2/27/2013 10:00	31518	18.31	2.793	10.08	27.84	13.18	358.9	11.97	22.47	39.7	40.27	52.89	45.53	0	465.7	26.43	-1.554	-9.32	11.82
2/27/2013 11:00	31519	16.61	8.27	11.79	26.05	12.17	4.265	13.76	22.47	42.04	42.9	49.2	42.36	0	665.4	26.48	9.44	10.99	12.08
2/27/2013 12:00	31520	16.58	8.39	12.34	26.05	12.25	3.978	13.96	22.47	44.15	45.23	44.8	38.6	0	808	26.52	9.43	-0.001	11.59
2/27/2013 13:00	31521	15.19	11.63	18.03	29.63	11.1	8.76	19.38	26.05	46.06	47.31	39.84	34.56	0	888	26.52	9.43	-0.001	12.13
2/27/2013 14:00	31522	13.66	7.79	14.53	22.47	10	5.17	15.99	18.89	47.82	49.22	34.77	29.72	0	896	26.52	9.44	0.003	11.78
2/27/2013 15:00	31523	13.44	14.63	22.68	22.47	9.59	11.86	24.58	20.68	48.73	50.13	31.1	26.01	0	833	26.51	9.44	0	11.5
2/27/2013 16:00	31524	11.86	18.71	20.31	27.84	8.4	14.07	21.29	24.26	49.48	50.6	28.74	23.71	0	668.9	26.5	9.44	0	16.11
2/27/2013 17:00	31525	11.29	27.6	17.72	20.68	7.725	24.39	18.62	17.1	48.86	49.65	25.26	20.04	0	401.4	26.49	9.43	-0.003	15.37
2/27/2013 18:00	31526	11.72	32.9	13.81	20.68	7.591	29.02	15.61	17.1	48	48.53	31.08	26.1	0	242.4	26.47	9.43	0.002	11.88
2/27/2013 19:00	31527	10.38	43.71	11.28	17.1	5.906	39.33	13.19	13.52	45.83	45.73	36.97	32.31	0	50.18	26.45	9.43	-0.002	16.37
2/27/2013 20:00	31528	8.38	53.95	8.86	13.52	4.954	50.47	13.01	11.74	42.03	41.38	46.05	40.52	0	0.057	26.44	9.44	0.002	12.98
2/27/2013 21:00	31529	9.3	55.71	8.54	13.52	5.783	53.67	12.76	11.74	39.62	38.99	51.6	45.08	0	0	26.43	9.44	0.001	12.14
2/27/2013 22:00	31530	9.02	54.42	8.57	15.31	5.447	51.72	12.88	11.74	37.59	36.91	56.93	49.52	0	0.001	26.42	9.43	-0.003	11.81

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
2/27/2013 23:00	31531	8.28	57.97	7.402	11.74	5.406	56.23	11.93	9.95	35.56	34.9	61.94	53.62	0	0	26.42	9.43	0	11.47	
2/28/2013 0:00	31532	7.511	68.39	7.877	9.95	4.395	66.03	15.85	8.16	33.43	32.37	67.21	58.56	0	0	26.42	9.44	0.002	11.97	
2/28/2013 1:00	31533	8.59	66.8	5.673	15.31	4.948	64.13	12.14	9.95	33.96	32.16	67.92	60.41	0	0	26.41	9.43	-0.003	12.08	
2/28/2013 2:00	31534	7.718	74.37	4.996	11.74	4.165	61.77	11.35	8.16	33.72	31.72	68.86	61.73	0	0	26.4	9.43	0	12.07	
2/28/2013 3:00	31535	6.145	70.13	4.962	8.16	3.064	68.91	12.19	6.368	33.23	30.87	70.25	63.46	0	0	26.4	9.43	0	12.04	
2/28/2013 4:00	31536	4.774	62.9	12.15	8.16	1.649	54.72	29.75	4.578	32.37	28.53	72.81	67.27	0	0	26.38	9.43	0	12.75	
2/28/2013 5:00	31537	2.229	44.06	12.06	6.368	0.919	339	47.3	4.578	32.03	26.38	73.36	69.56	0	0	26.36	9.43	0.002	12.55	
2/28/2013 6:00	31538	4.873	40.06	52.82	20.68	2.25	38.61	58.14	17.1	31.58	28.42	73.73	67.93	0	0	26.36	9.43	0	11.98	
2/28/2013 7:00	31539	3.161	300.1	18.76	8.16	1.046	292.7	35.69	4.578	25.99	23.63	83.8	73.29	0	0	26.38	9.44	0.001	11.99	
2/28/2013 8:00	31540	4.514	320.2	10.07	6.368	1.39	317.8	12.74	4.578	29.11	26.59	77.83	70.77	0	32.54	26.38	9.44	0	11.38	
2/28/2013 9:00	31541	4.769	316.9	11.98	8.16	3.546	310.4	18.27	6.368	34.46	35.07	69.27	59.05	0	235.1	26.42	9.44	-0.001	15.57	
2/28/2013 10:00	31542	5.933	267.4	21.15	11.74	4.766	262.8	24.93	9.95	41.41	41.83	55.08	47.7	0	462.4	26.5	9.43	-0.002	16.19	
2/28/2013 11:00	31543	4.924	233.3	29.16	9.95	3.854	234.2	31.23	9.95	46.02	46.27	42.14	37.12	0	664.2	26.57	9.43	0	12.57	
2/28/2013 12:00	31544	4.405	209	51.32	11.74	3.558	211.2	54.28	9.95	49.86	49.99	33.48	29.49	0	807	26.61	9.43	-0.004	11.77	
2/28/2013 13:00	31545	6.014	226	37.21	13.52	4.793	224.2	38.93	11.74	51.7	51.97	30.95	26.6	0	884	26.61	9.43	-0.005	12.73	
2/28/2013 14:00	31546	8.27	240.9	27.99	20.68	6.441	239.4	31.03	15.31	52.64	53.37	29.76	24.95	0	890	26.57	9.42	-0.004	11.78	
2/28/2013 15:00	31547	8.22	249.6	36.33	20.68	6.485	245.7	40.46	17.1	54.65	55.28	25.85	21.15	0	821	26.55	9.42	-0.006	12.03	
2/28/2013 16:00	31548	9.84	275.1	35	20.68	7.947	274.6	38.79	18.89	55.44	56.07	23.16	18.43	0	665.1	26.53	9.41	-0.005	12.12	
2/28/2013 17:00	31549	11	294.7	23.43	20.68	8.91	294.5	27.48	17.1	55.73	56.41	19.13	14.11	0	504.1	26.51	9.4	-0.009	12.12	
2/28/2013 18:00	31550	11.54	296.4	16.61	18.89	9.34	296.6	19.39	17.1	55.38	55.71	19.04	14.18	0	279.2	26.48	9.39	-0.01	16.27	
2/28/2013 19:00	31551	8.16	298	12.24	15.31	5.872	298	14.54	13.52	53.42	52.71	18.16	13.98	0	57.67	26.47	9.38	-0.008	16.26	
2/28/2013 20:00	31552	4.564	309	7.95	8.16	1.573	304.1	9.88	4.578	48.69	45.3	22.47	19.67	0	0.079	26.44	9.38	-0.008	15.99	
2/28/2013 21:00	31553	5.494	323.5	22.93	11.74	2.687	337.4	23.65	8.16	46.82	42.49	24.37	24.73	0	0	26.41	9.37	-0.003	15.74	
2/28/2013 22:00	31554	7.841	354.6	13.13	11.74	4.801	355.2	15.18	8.16	46.18	44.02	25.38	22.79	0	0	26.4	9.37	-0.003	12.09	
2/28/2013 23:00	31555	5.201	332.7	59.92	9.95	2.627	310.8	59.92	6.368	40.84	37.99	32.44	31.34	0	0	26.41	9.36	-0.006	11.49	
3/1/2013 0:00	31556	4.077	349.8	55.37	9.95	2.051	339.3	58.38	8.16	39.22	37.07	35.78	32.78	0	0	26.39	9.35	-0.009	15.55	
3/1/2013 1:00	31557	2.914	15.06	49.11	6.368	1.618	335.4	44.05	4.578	36.81	34.55	46.29	41.42	0	0	26.36	9.35	-0.001	11.6	
3/1/2013 2:00	31558	2.978	294.1	22.51	6.368	1.487	286.3	23.95	4.578	35.19	30.79	53.19	49.18	0	0	26.35	9.35	-0.003	15.76	
3/1/2013 3:00	31559	3.428	313.9	20.28	6.368	0.638	14.77	28.28	2.789	34.44	29.42	53.5	52.88	0	0	26.34	9.34	-0.006	16.04	
3/1/2013 4:00	31560	5.878	340.9	12.43	8.16	2.766	355.5	8.82	6.368	34.55	30.44	56.49	54.15	0	0	26.31	9.34	-0.003	12.09	
3/1/2013 5:00	31561	4.76	350.9	10.65	8.16	2.45	344.5	17.61	6.368	34.02	31.38	56.56	51.83	0	0	26.31	9.34	0	12.08	
3/1/2013 6:00	31562	4.253	4.896	29.06	13.52	2.389	11.58	39.99	8.16	34.1	32.02	59.04	53.23	0	0	26.32	9.34	-0.003	11.84	
3/1/2013 7:00	31563	7.08	9.78	10.87	11.74	4.312	4.41	12.34	9.95	32.51	31.2	64.45	56.63	0	0	26.33	9.34	0	12.01	
3/1/2013 8:00	31564	10.78	352.9	10.54	22.47	7.349	349.5	11.52	18.89	33.16	32.3	60.47	53.31	0	35.22	26.34	9.34	0	12.08	
3/1/2013 9:00	31565	15.81	350.2	9.41	22.47	11.74	346.9	11.39	18.89	37.1	37.23	46.32	40.29	0	244.2	26.39	9.34	0	12.23	
3/1/2013 10:00	31566	15.89	0.435	8.89	22.47	11.39	357.2	11.29	18.89	41.57	42.13	43.88	38.03	0	473.4	26.47	9.33	-0.006	16.44	
3/1/2013 11:00	31567	13	13.05	13.08	18.89	9.62	9.1	14.83	17.1	46.99	47.81	36.75	32.12	0	676.7	26.53	9.32	-0.011	16.25	
3/1/2013 12:00	31568	14.2	13.05	12.89	22.47	10.44	11	14.24	20.68	52.03	53.04	28.16	23.67	0	821	26.57	9.32	-0.002	12.01	
3/1/2013 13:00	31569	15.55	16.39	13.38	27.84	11.19	13.32	14.94	26.05	55.47	56.49	21.19	16.49	0	896	26.59	9.31	-0.013	12.21	
3/1/2013 14:00	31570	14.84	4.62	17.27	27.84	11.23	1.972	18.01	24.26	57.21	58.4	19.26	14.4	0	897	26.59	9.3	-0.007	16.4	
3/1/2013 15:00	31571	16.14	355	14.63	29.63	12.33	352.6	15.98	26.05	59.05	60.31	16.02	11.04	0	827	26.58	9.28	-0.017	11.76	
3/1/2013 16:00	31572	16.62	350.7	14.17	29.63	12.74	348.3	15.79	26.05	59.56	60.65	14.54	9.37	0	696.8	26.58	9.27	-0.009	11.95	
3/1/2013 17:00	31573	14.12	356.6	18.28	24.26	10.74	353.5	19.87	22.47	60.05	60.81	13.26	8.04	0	509.1	26.57	9.26	-0.015	16.1	
3/1/2013 18:00	31574	11.61	356.3	19.84	27.84	8.89	353.6	20.42	18.89	59.52	59.96	14.12	9.02	0	285.8	26.55	9.25	-0.009	16.05	
3/1/2013 19:00	31575	8.76	14.98	12.56	15.31	6.248	11.79	13.61	13.52	56.96	56.76	17.2	12.33	0	60.58	26.54	9.23	-0.016	14.69	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/1/2013 20:00	31576	8.8	30.15	10.88	13.52	5.024	28.87	11.71	11.74	52.98	52.16	19.46	14.72	0	0.11	26.51	9.21	-0.02	16.41
3/1/2013 21:00	31577	6.122	44.78	9.34	13.52	2.954	41.66	12.11	8.16	48.84	47.63	25.01	20.62	0	0.003	26.49	9.2	-0.009	15.88
3/1/2013 22:00	31578	6.483	54.89	6.327	9.95	3.622	58.77	11.18	6.368	46.34	43.81	28.93	26.3	0	0	26.48	9.2	-0.004	15.81
3/1/2013 23:00	31579	5.186	50.29	7.483	8.16	2.419	57.42	13.24	4.578	44.54	41.82	31.59	29.5	0	0	26.48	9.19	-0.005	11.78
3/2/2013 0:00	31580	6.335	42.15	9.09	9.95	2.938	38.34	11.46	6.368	42.19	40.61	34.44	30.8	0	0	26.49	9.19	-0.006	16.7
3/2/2013 1:00	31581	4.306	44.63	11.82	9.95	1.628	33.49	26.06	4.578	40.65	38.65	37.17	33.92	0	0	26.49	9.19	-0.003	16.27
3/2/2013 2:00	31582	3.672	35.59	10.35	6.368	0.908	31.67	23.61	4.578	38.6	35.71	40.7	38.66	0	0	26.49	9.18	-0.003	11.96
3/2/2013 3:00	31583	3.858	16.91	22.53	8.16	1.836	24.81	36.43	6.368	38.88	36.26	41.86	39.13	0	0	26.49	9.18	-0.003	12.09
3/2/2013 4:00	31584	4.153	23.93	46.15	11.74	2.041	53.11	40.63	8.16	36.5	31.2	47.48	48.31	0	0	26.48	9.18	-0.001	11.64
3/2/2013 5:00	31585	7.119	41.58	10.9	13.52	4.094	37.44	14.1	8.16	33.98	33.26	55.06	47.62	0	0	26.48	9.18	-0.003	12.03
3/2/2013 6:00	31586	6.438	52.17	8.25	9.95	3.507	47.6	12.72	6.368	33.43	32.07	57.41	50.68	0	0	26.49	9.18	0	15.85
3/2/2013 7:00	31587	5.498	49.38	10.25	9.95	2.96	48.7	16.45	6.368	33	31.82	59.08	51.75	0	0	26.5	9.17	-0.003	12.03
3/2/2013 8:00	31588	3.534	36.27	8.98	6.368	1.3	29.7	29.05	4.578	33.48	31.44	59.68	53.01	0	37.96	26.51	9.17	-0.003	16.19
3/2/2013 9:00	31589	2.036	204.9	31.72	6.368	1.423	208	15.28	6.368	40.35	39.73	50.85	44.82	0	248.3	26.56	9.17	0	15.9
3/2/2013 10:00	31590	4.654	230.1	18.23	8.16	3.778	231.2	17.81	8.16	44.97	45.17	41.91	36.47	0	473.5	26.63	9.17	-0.004	16.2
3/2/2013 11:00	31591	5.958	250.2	21.55	9.95	4.635	248.1	26.19	9.95	50.96	51.53	32.89	28.19	0	672.9	26.68	9.16	-0.003	16.31
3/2/2013 12:00	31592	5.832	236.2	31.35	9.95	4.53	236.5	35.47	9.95	56.88	57.29	26.82	22.57	0	809	26.71	9.16	-0.002	15.81
3/2/2013 13:00	31593	6.254	270.2	40.54	11.74	5.052	269.9	42.54	11.74	60.45	60.75	22.38	18.39	0	880	26.71	9.16	-0.004	11.76
3/2/2013 14:00	31594	8.22	230.8	25.85	15.31	6.471	229.9	27.42	13.52	61.4	62.1	20.62	16.13	0	877	26.69	9.15	-0.006	15.99
3/2/2013 15:00	31595	6.705	220	35.16	17.1	5.2	221.2	37.03	13.52	63.54	64.12	19.06	14.75	0	816	26.66	9.14	-0.01	12.04
3/2/2013 16:00	31596	7.681	224.4	30.1	15.31	6.001	223.5	29.57	15.31	64.25	64.76	18.17	13.87	0	683.5	26.63	9.13	-0.01	12.17
3/2/2013 17:00	31597	7.76	221.4	28.73	13.52	6.042	219.8	29.1	11.74	64.23	64.79	18.3	13.86	0	478.8	26.6	9.12	-0.01	16.29
3/2/2013 18:00	31598	8.34	218.4	19.1	15.31	6.342	218.3	18.83	13.52	63.77	64.19	18.61	14.34	0	285.1	26.58	9.11	-0.011	15.12
3/2/2013 19:00	31599	7.861	197.5	11.13	13.52	4.745	196.2	16.9	9.95	60.94	60.02	20.82	17.44	0	62.06	26.54	9.1	-0.011	15.88
3/2/2013 20:00	31600	6.467	166.6	6.457	8.16	2.408	140.1	11.71	4.578	55.05	50.93	25.61	24.8	0	0.131	26.49	9.09	-0.007	15.85
3/2/2013 21:00	31601	6.279	158	8.52	8.16	2.366	121.8	14.55	4.578	52.74	48.17	27.52	28.03	0	0.001	26.45	9.09	-0.005	12.03
3/2/2013 22:00	31602	6.076	150.9	10.03	8.16	2.146	117.2	19.39	4.578	49.94	45.8	30.29	30.52	0	0	26.43	9.09	-0.002	12.03
3/2/2013 23:00	31603	4.297	172.2	12.4	8.16	0.561	175.7	13.9	4.578	47.12	43.44	32.98	32.84	0	0	26.41	9.08	-0.001	11.55
3/3/2013 0:00	31604	3.645	176.7	7.546	6.368	0.262	173.7	3.099	2.789	45.7	41.8	34.52	34.15	0	0	26.39	9.08	-0.003	12.07
3/3/2013 1:00	31605	3.7	186.1	7.664	6.368	0.404	148.3	8.52	2.789	44.15	40.75	36.16	35.53	0	0	26.36	9.06	-0.016	12.12
3/3/2013 2:00	31606	4.666	183.3	8.32	9.95	1.291	165.4	14.14	4.578	43.51	40.26	36.78	35.76	0	0	26.34	9.06	-0.003	15.81
3/3/2013 3:00	31607	4.176	180.4	12.82	6.368	0.9	162.4	20.64	2.789	42.94	40.02	36.97	35.67	0	0	26.32	9.06	-0.003	12.07
3/3/2013 4:00	31608	4.092	195.4	15.67	6.368	0.65	217.4	24.18	2.789	41.61	38.43	38.58	37.95	0	0	26.29	9.06	-0.002	15.23
3/3/2013 5:00	31609	4.002	224.2	16.11	6.368	0.978	265.8	18.46	2.789	41.19	38.32	38.42	37.72	0	0	26.27	9.05	-0.003	14.14
3/3/2013 6:00	31610	4.556	214.5	12.14	8.16	0.719	236.1	16.24	4.578	40.71	37.42	38.95	38.73	0	0	26.25	9.05	-0.003	15.34
3/3/2013 7:00	31611	5.845	221.7	6.884	8.16	2.329	232.6	12.19	4.578	40.12	36.86	39.31	39.32	0	0.001	26.25	9.05	0.001	12.07
3/3/2013 8:00	31612	5.112	228.2	8.41	8.16	1.855	239.9	10.28	6.368	39.95	37.53	40.17	38.31	0	35.36	26.24	9.05	-0.005	16.15
3/3/2013 9:00	31613	5.598	220	12.01	8.16	3.676	225.8	12.01	9.95	40.34	39.79	42.4	37.95	0	129.6	26.26	9.04	-0.007	13.27
3/3/2013 10:00	31614	8.45	216.5	10.15	13.52	6.77	217.9	12.49	11.74	48.99	49.35	32.55	27.82	0	480.4	26.3	9.03	-0.006	11.74
3/3/2013 11:00	31615	10.32	217.9	10.54	15.31	8.05	218.5	12.49	13.52	58.27	59.05	23.63	19.25	0	684.4	26.36	9.03	-0.006	12.09
3/3/2013 12:00	31616	11.75	218.6	11.14	18.89	9.24	219.1	12.94	15.31	65.61	66.56	18.19	14.18	0	819	26.37	9.02	-0.006	15.36
3/3/2013 13:00	31617	15.32	217.5	11.66	24.26	11.72	217.9	13.67	20.68	71.89	73.07	13.35	9.7	0	894	26.37	9.01	-0.007	16.15
3/3/2013 14:00	31618	17.79	221.6	10.91	26.05	13.35	221.5	12.91	20.68	76.32	77.4	9.25	5.752	0	793.1	26.33	9	-0.013	16.18
3/3/2013 15:00	31619	20.01	238.7	15.64	34.99	14.76	235.6	15.82	27.84	80	80.7	5.363	2.178	0	881	26.29	8.98	-0.022	16.22
3/3/2013 16:00	31620	19.5	255.3	14.32	34.99	13.45	252	17.39	26.05	80.5	80.9	3.755	1.759	0	533.3	26.26	8.95	-0.029	12.44

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/3/2013 17:00	31621	21.53	245.4	11.44	34.99	15.26	241.1	12.57	27.84	78.71	78.62	4.665	1.739	0	355.1	26.23	8.92	-0.027	15.73
3/3/2013 18:00	31622	21.34	243.9	10.04	33.21	15.6	239.2	10.58	27.84	77.8	77.59	4.865	1.733	0	267.4	26.21	8.88	-0.038	11.73
3/3/2013 19:00	31623	14.5	242.2	10.32	29.63	10.27	238.3	10.86	24.26	74.91	74.17	5.641	2.047	0	59.8	26.2	8.86	-0.025	11.79
3/3/2013 20:00	31624	9.59	229.5	7.645	13.52	6.276	230.2	9.38	9.95	67.85	66.35	9.98	6.113	0	0.12	26.17	8.84	-0.019	15.99
3/3/2013 21:00	31625	7.809	229.9	7.038	13.52	4.639	231.6	8.77	9.95	65.29	63.56	11.22	7.582	0	0.019	26.14	8.83	-0.012	15.77
3/3/2013 22:00	31626	7.09	227.1	10.67	15.31	3.568	223.6	17.64	11.74	62	59.09	13.32	10.53	0	0.005	26.12	8.82	-0.006	12.48
3/3/2013 23:00	31627	11	246.1	11.97	18.89	7.046	242.8	12.8	13.52	63.19	61.86	11.82	7.628	0	0.005	26.12	8.81	-0.009	15.96
3/4/2013 0:00	31628	14.41	253.2	9.9	22.47	9.25	248.1	12.9	15.31	65.75	64.87	10.05	5.453	0	0.009	26.11	8.8	-0.01	16.05
3/4/2013 1:00	31629	13.92	260.8	11.37	31.42	9	256.7	15.52	20.68	66.55	65.55	10.59	6.156	0	0.011	26.12	8.79	-0.01	15.72
3/4/2013 2:00	31630	13.25	272.8	9.91	24.26	9.29	271.5	12.72	17.1	66	65.03	12.67	8.46	0	0.026	26.13	8.78	-0.01	12.68
3/4/2013 3:00	31631	9.44	291.3	9.71	15.31	6.369	291.8	13.35	11.74	61.93	60.36	17.45	13.85	0	0.013	26.13	8.78	-0.006	12.29
3/4/2013 4:00	31632	8.89	268.8	20.98	20.68	4.915	271.1	27.31	13.52	60.77	57.87	19.42	17.18	0	0.004	26.1	8.77	-0.006	16.05
3/4/2013 5:00	31633	8.96	242.4	11.08	18.89	5.877	237.2	12.71	15.31	65.42	63.59	16.67	13.9	0	0.01	26.09	8.76	-0.007	11.73
3/4/2013 6:00	31634	5.789	280	37.18	9.95	3.458	286.8	50.69	6.368	62.51	59.98	19.01	16.74	0	0.007	26.1	8.76	-0.006	12.03
3/4/2013 7:00	31635	5.617	298.5	19.97	13.52	2.793	298.6	28.96	8.16	60.52	56.74	21.16	20.05	0	0.01	26.1	8.75	-0.008	15.19
3/4/2013 8:00	31636	6.479	307.3	20.78	11.74	3.585	312.4	28.27	9.95	59.27	56.42	24.03	22.56	0	14.82	26.1	8.75	-0.002	15.91
3/4/2013 9:00	31637	5.284	222.1	17.28	11.74	3.764	210.4	19.81	9.95	59.8	58.09	24.12	21.93	0	189.2	26.12	8.74	-0.004	12.05
3/4/2013 10:00	31638	16.6	262.8	14.31	33.21	11.55	260.3	17.53	27.84	70.61	70.6	16.8	13.59	0	443.4	26.18	8.74	-0.006	12.02
3/4/2013 11:00	31639	23.42	271.1	10.72	36.78	16.71	269.6	13.93	31.42	73.89	74.16	10.99	7.454	0	552.6	26.22	8.73	-0.008	11.58
3/4/2013 12:00	31640	23.59	261.4	13.15	36.78	16.3	258	17.51	31.42	75.66	76.26	8.08	4.119	0	806	26.22	8.72	-0.013	15.78
3/4/2013 13:00	31641	22.29	253.4	13.12	36.78	15.67	249	16.39	29.63	77.29	77.97	6.814	2.718	0	872	26.21	8.7	-0.02	16.05
3/4/2013 14:00	31642	22.65	250.9	15.49	40.36	16.13	247.2	17.77	33.21	77.98	78.87	9.33	5.472	0	891	26.19	8.67	-0.025	13.5
3/4/2013 15:00	31643	22.62	259.1	11.94	38.57	15.37	256.1	16.13	29.63	78.6	79.51	12.92	9.48	0	798.1	26.16	8.65	-0.019	11.94
3/4/2013 16:00	31644	24.85	263.1	12.63	40.36	16.92	260.1	16.73	31.42	78.28	78.89	12.99	9.73	0	547.6	26.15	8.61	-0.038	14.04
3/4/2013 17:00	31645	23.73	275.6	12.78	36.78	17.67	273.6	16.47	33.21	77.6	77.94	11.77	8.47	0	408	26.14	8.6	-0.015	11.4
3/4/2013 18:00	31646	21.02	272	11.19	33.21	14.95	270.1	14.56	27.84	77.55	77.6	9.27	5.764	0	241.4	26.13	8.57	-0.029	11.4
3/4/2013 19:00	31647	12.97	263.2	11.93	26.05	8.63	259.1	16.34	18.89	75.18	74.46	11.16	8.04	0	35.1	26.12	8.56	-0.016	11.98
3/4/2013 20:00	31648	15.83	269.5	12.02	27.84	10.8	268.3	15.33	22.47	73.61	72.62	12.93	9.97	0	0.141	26.13	8.54	-0.015	15.08
3/4/2013 21:00	31649	19.7	292.9	8.98	31.42	15.71	293.6	11.67	27.84	71.85	71.03	11.77	8.25	0	0.056	26.16	8.53	-0.009	12.67
3/4/2013 22:00	31650	12.55	344.4	13.3	29.63	9.34	342.2	13.95	27.84	66.83	66.12	19.65	16.18	0	0.036	26.21	8.52	-0.012	12.11
3/4/2013 23:00	31651	8.19	325.7	12.83	15.31	6.091	325.2	13.83	13.52	64.09	62.97	21.62	18.61	0	0.021	26.25	8.51	-0.009	11.97
3/5/2013 0:00	31652	16.37	343.3	14.12	47.52	12.54	341.4	14.81	36.78	60.26	59.29	25.76	22.15	0	0.009	26.26	8.5	-0.015	11.93
3/5/2013 1:00	31653	32.41	25.8	10.37	58.25	22.38	21.23	12.31	49.31	51.57	51.53	55.64	49.34	0	0.002	26.32	8.49	-0.001	16.08
3/5/2013 2:00	31654	27.7	33.53	10.61	47.52	16.24	30.18	12.11	34.99	43.31	43.33	61.39	53.28	0	0	26.37	8.48	-0.012	15.53
3/5/2013 3:00	31655	27.46	36.93	10.81	45.73	15.53	33.53	11.85	40.36	40.65	40.61	64.71	55.88	0	0	26.39	8.47	-0.017	12.45
3/5/2013 4:00	31656	21.62	45.23	8.67	34.99	11.78	38.65	11.28	27.84	38.47	38.38	65.72	56.56	0	0	26.4	8.43	-0.035	16.21
3/5/2013 5:00	31657	16.39	36.27	12.12	29.63	9.51	32.31	13.3	22.47	37.24	37.12	66.94	57.47	0	0	26.44	8.42	-0.006	11.9
3/5/2013 6:00	31658	14.19	22.48	8.95	24.26	10.58	17.29	11.14	18.89	35.92	35.87	68.37	58.4	0	0	26.47	8.42	-0.003	11.7
3/5/2013 7:00	31659	11.32	17.75	10.76	24.26	8.43	13.97	11.58	22.47	34.61	34.54	69.49	59.15	0	0.01	26.5	8.41	-0.008	11.99
3/5/2013 8:00	31660	4.781	327.9	27.76	8.16	3.36	322.9	30.23	8.16	33.55	33.19	73.79	62.77	0	45.05	26.53	8.41	-0.002	12.97
3/5/2013 9:00	31661	8.37	347.4	23.25	15.31	6.398	345.9	24.54	13.52	36.63	37.28	67.38	57.12	0	260.6	26.57	8.41	-0.003	12.05
3/5/2013 10:00	31662	9.27	28.02	19.08	17.1	6.245	24.09	20.2	13.52	39.74	40.8	51.03	43.82	0	494.7	26.62	8.4	-0.006	16.03
3/5/2013 11:00	31663	10.28	45.44	18.83	17.1	6.598	41.3	21.25	15.31	42.17	43.7	41.7	35.85	0	700.8	26.66	8.4	0	16.13
3/5/2013 12:00	31664	8.94	39.04	23.3	17.1	6.229	32.82	26.34	17.1	45.52	47.02	36.02	30.99	0	852	26.68	8.4	-0.006	11.97
3/5/2013 13:00	31665	7.151	48.72	26.99	17.1	4.937	40.02	33.7	11.74	49.18	50.65	31.1	26.57	0	930	26.69	8.39	-0.01	15.91

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/5/2013 14:00	31666	6.451	50.22	54.34	17.1	4.89	42.99	57.55	13.52	52.41	53.62	28.21	23.84	0	936	26.68	8.38	-0.007	16.58
3/5/2013 15:00	31667	5.98	90	42.34	15.31	4.543	87.8	50.51	13.52	54.28	55.61	27.04	22.47	0	824	26.66	8.37	-0.01	16.53
3/5/2013 16:00	31668	5.465	77.72	48.57	15.31	4.164	77.75	55.08	13.52	56.04	56.8	25.88	21.72	0	725.5	26.64	8.36	-0.007	16.33
3/5/2013 17:00	31669	6.078	143.5	36.39	13.52	4.496	149.1	42.53	11.74	55.99	56.92	26.16	21.26	0	506.6	26.62	8.35	-0.008	13.35
3/5/2013 18:00	31670	6.666	138.3	28.04	15.31	4.824	136.9	35.28	13.52	54.76	55.74	26.88	21.81	0	293.6	26.6	8.34	-0.012	11.67
3/5/2013 19:00	31671	7.789	122.1	9.01	11.74	4.768	121.5	15.51	8.16	52.06	51.83	29.67	25.49	0	59.72	26.56	8.33	-0.009	12.04
3/5/2013 20:00	31672	7.322	118.2	4.735	9.95	3.28	112	12.32	6.368	46.84	44.3	34.79	32.65	0	0.088	26.52	8.33	-0.004	12.54
3/5/2013 21:00	31673	8.06	122.3	5.065	11.74	3.969	120.8	11.79	6.368	43.95	41.82	38.56	36.22	0	0	26.5	8.32	-0.007	11.71
3/5/2013 22:00	31674	8.06	128.6	5.262	9.95	3.814	120.8	12.42	6.368	42.08	39.67	41.76	39.55	0	0	26.5	8.32	-0.006	15.39
3/5/2013 23:00	31675	8.35	119.5	5.625	11.74	4.156	112.3	13.55	6.368	41.64	39.35	43	40.27	0	0	26.49	8.31	-0.003	15.92
3/6/2013 0:00	31676	7.343	105.1	6.23	11.74	3.905	91.5	12.24	6.368	39.91	37.29	45.18	41.98	0	0	26.48	8.31	-0.003	12.16
3/6/2013 1:00	31677	8.96	116.5	6.245	18.89	4.927	114	14.05	13.52	39.85	38.21	46.21	41.95	0	0	26.47	8.31	-0.003	16.21
3/6/2013 2:00	31678	8.74	117.4	7.147	11.74	4.694	113.1	14.38	8.16	38.57	36.95	46.04	41.9	0	0	26.46	8.3	-0.003	16.26
3/6/2013 3:00	31679	9.8	126.3	7.325	15.31	5.601	125.2	14.28	9.95	38	36.8	43.02	38.69	0	0	26.45	8.3	-0.003	12.03
3/6/2013 4:00	31680	9.26	125	6.608	13.52	5.38	122.5	13.75	8.16	36.24	35.2	42.84	38.06	0	0	26.43	8.3	-0.003	12.08
3/6/2013 5:00	31681	8.07	128.9	7.079	11.74	4.502	127.4	13.68	8.16	35.72	34.68	41.19	36.76	0	0	26.42	8.29	-0.006	11.66
3/6/2013 6:00	31682	9.36	138.6	8.42	13.52	5.582	138.7	14.33	9.95	37.3	36.54	36.09	31.58	0	0	26.42	8.29	-0.007	15.85
3/6/2013 7:00	31683	9.18	142.3	7.506	15.31	5.735	143	12.82	9.95	38.28	37.69	33.88	29.05	0	0.006	26.44	8.28	-0.001	16.17
3/6/2013 8:00	31684	9.83	144.7	8.1	15.31	6.121	146.5	13.11	11.74	39.89	39.47	32.06	27	0	26.12	26.44	8.28	-0.003	12.98
3/6/2013 9:00	31685	13.29	144.6	10.8	20.68	8.63	146.6	15.72	15.31	43.15	43.53	29.09	23.47	0	186.3	26.47	8.28	-0.003	15.92
3/6/2013 10:00	31686	17.6	150.2	12.04	26.05	11.48	151.9	17.02	20.68	46.66	47.68	26.96	21.06	0	368.8	26.5	8.27	-0.009	11.99
3/6/2013 11:00	31687	17.97	164.5	11.97	29.63	11.7	167.1	16.76	22.47	50.43	51.74	24.34	18.42	0	491.7	26.54	8.26	-0.011	12.96
3/6/2013 12:00	31688	18.68	161.5	11.62	27.84	12.25	163.9	16.36	22.47	52.47	53.99	23.33	17.37	0	611.7	26.53	8.24	-0.017	16.45
3/6/2013 13:00	31689	18.51	157.3	12.07	29.63	12.24	160.1	16.83	22.47	55.35	57.6	21.7	15.59	0	910	26.51	8.23	-0.01	11.77
3/6/2013 14:00	31690	16.65	163	14.03	29.63	11.07	165.4	18.43	20.68	59.17	61.37	20.14	14.41	0	840	26.49	8.22	-0.014	13.85
3/6/2013 15:00	31691	14.98	168.2	15.2	24.26	10.15	170.3	19.52	18.89	60.95	63.02	19.1	13.54	0	790	26.47	8.2	-0.013	16.29
3/6/2013 16:00	31692	15.64	169.9	13.42	24.26	10.31	172	18.21	18.89	61.62	63.36	18.57	13.17	0	534.6	26.45	8.17	-0.038	16.06
3/6/2013 17:00	31693	14.11	167	13.27	22.47	9.37	168.7	18.15	17.1	62.23	63.57	18.27	13.13	0	450.9	26.42	8.16	-0.009	15.21
3/6/2013 18:00	31694	13.34	159.9	11.83	22.47	8.69	161.9	16.38	17.1	62.88	63.61	18.4	13.65	0	257.5	26.4	8.15	-0.009	15.7
3/6/2013 19:00	31695	10.71	154.1	7.748	18.89	6.441	155.1	13.02	13.52	60.35	59.74	20.81	16.88	0	39.07	26.38	8.13	-0.016	13.67
3/6/2013 20:00	31696	9.68	141.1	8.37	13.52	5.557	140.9	14.1	9.95	56.27	55.08	23.95	20.14	0	0.179	26.35	8.12	-0.011	15.8
3/6/2013 21:00	31697	8.51	137	11.08	13.52	4.852	134.6	16.97	9.95	53.41	52.04	26.06	22.38	0	0.003	26.33	8.11	-0.008	12.04
3/6/2013 22:00	31698	7.832	149.7	11.01	11.74	3.996	150.4	15.85	8.16	49.9	48.18	28.99	25.53	0	0	26.32	8.11	-0.006	12.04
3/6/2013 23:00	31699	5.681	160.5	13.37	9.95	2.515	158.4	18.07	6.368	46.99	45.25	32.12	28.56	0	0	26.3	8.1	-0.006	11.69
3/7/2013 0:00	31700	5.87	189.9	7.706	9.95	2.803	193.3	11.09	6.368	45.19	42.96	34.01	31.19	0	0	26.29	8.1	-0.001	11.75
3/7/2013 1:00	31701	7.248	195.9	10.95	15.31	4.25	199.8	14.52	8.16	43.28	42.08	35.71	31.72	0	0	26.27	8.09	-0.006	12
3/7/2013 2:00	31702	6.149	196.4	9.18	11.74	2.768	197.3	13.63	6.368	42.81	40.68	35.51	32.84	0	0	26.25	8.09	-0.003	12.05
3/7/2013 3:00	31703	7.283	200.4	7.282	9.95	4.253	204.8	11.37	6.368	41.57	40.3	37.2	33.27	0	0	26.23	8.08	-0.006	16.53
3/7/2013 4:00	31704	5.22	209.2	16.3	8.16	2.628	219.5	19.37	6.368	40.85	39.37	38.09	34.69	0	0	26.21	8.08	-0.003	15.9
3/7/2013 5:00	31705	4.723	206.4	12.7	8.16	2.501	212.5	16.05	6.368	41.23	40.36	38.35	34.27	0	0	26.21	8.08	-0.003	11.64
3/7/2013 6:00	31706	4.62	241.2	19.16	8.16	2.302	257.5	27.14	6.368	40.33	38.54	38.73	36.3	0	0	26.21	8.07	-0.003	11.86
3/7/2013 7:00	31707	3.764	230.4	12.85	6.368	1.362	252	13.05	4.578	40.38	38.31	38	35.67	0	0.013	26.2	8.07	0	16.02
3/7/2013 8:00	31708	4.233	216.7	11.85	8.16	1.717	228.1	12.37	6.368	40.74	39.14	37.93	34.82	0	47.3	26.21	8.07	-0.003	11.88
3/7/2013 9:00	31709	6.97	185.4	21.68	13.52	4.96	188.9	24.21	9.95	44.27	44.51	34.96	29.53	0	165.1	26.25	8.07	-0.004	14.06
3/7/2013 10:00	31710	6.531	191.2	17.38	9.95	4.9	195.3	19.61	9.95	50.12	50.7	30.33	24.97	0	311.8	26.31	8.06	-0.005	15.37

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/7/2013 11:00	31711	6.261	188.7	32.09	13.52	4.915	193.3	34.73	9.95	57.62	58.14	25.19	20.54	0	653.2	26.35	8.06	-0.002	16.58
3/7/2013 12:00	31712	8.05	175.4	21.27	15.31	6.085	178.5	26.92	11.74	65.14	66.38	20.35	16.01	0	823	26.4	8.05	-0.006	16.54
3/7/2013 13:00	31713	11.07	180.5	16.47	18.89	7.971	184.2	21.12	13.52	70.29	72.02	17.21	13.12	0	856	26.41	8.05	-0.004	16.64
3/7/2013 14:00	31714	9.74	182.7	19	17.1	7.31	186.5	22.67	13.52	74.12	75.82	14.84	11.1	0	923	26.4	8.04	-0.007	12.05
3/7/2013 15:00	31715	11	194	16.23	17.1	8.15	196.9	19.72	15.31	75.67	77.24	14.13	10.54	0	764.4	26.38	8.03	-0.013	16.1
3/7/2013 16:00	31716	11.06	187.5	15.63	17.1	7.973	189.9	18.98	15.31	75.49	76.83	14.59	11.06	0	546.9	26.36	8.01	-0.019	16.22
3/7/2013 17:00	31717	13.39	172.3	18.26	20.68	8.85	174.5	21.45	17.1	74.56	75.49	14.81	11.41	0	296.4	26.33	7.997	-0.015	16.28
3/7/2013 18:00	31718	14.9	164.3	10.92	22.47	9.48	166.3	15.88	17.1	71.97	72.24	16.26	12.93	0	163.9	26.31	7.978	-0.019	14.31
3/7/2013 19:00	31719	12.66	156	7.345	20.68	7.921	157.8	12.79	17.1	67.73	67.27	19.49	16.2	0	31.91	26.3	7.926	-0.052	12.04
3/7/2013 20:00	31720	9.73	144.3	8.85	15.31	5.67	143.5	14.24	11.74	63.4	62.35	24.59	21.45	0	0.142	26.28	7.917	-0.009	15.79
3/7/2013 21:00	31721	9.79	144.6	9.05	15.31	5.806	144.5	14.26	11.74	60.15	59.15	30.85	27.83	0	0.009	26.28	7.908	-0.01	15.72
3/7/2013 22:00	31722	13.12	167.2	8.5	22.47	7.939	169.6	13.63	17.1	57.58	56.95	38.15	34.63	0	0.006	26.28	7.9	-0.008	15.66
3/7/2013 23:00	31723	9.66	161.8	9.16	15.31	5.927	165.1	14.13	13.52	54.86	54.24	50.24	45.33	0	0.004	26.28	7.894	-0.005	15.57
3/8/2013 0:00	31724	10.04	165.1	8.53	18.89	6.136	166.5	13.9	13.52	53.8	53.24	65.48	58.53	0	0.002	26.26	7.891	-0.003	12.08
3/8/2013 1:00	31725	11.86	179.6	14.46	26.05	7.581	181.5	18.02	20.68	54.77	54.44	71.41	63.92	0	0.002	26.26	7.885	-0.006	12.11
3/8/2013 2:00	31726	10.03	210	18.18	18.89	6.96	211.9	18.65	15.31	55.36	55.01	71.54	64.34	0	0.006	26.27	7.882	-0.003	15.45
3/8/2013 3:00	31727	6.792	218.7	12.82	11.74	4.32	223	15.51	9.95	53.67	52.78	74.97	67.75	0	0.004	26.26	7.879	-0.003	12.04
3/8/2013 4:00	31728	5.49	210.1	31.24	9.95	2.834	221.6	30.27	8.16	52.04	50.97	78.27	70.77	0	0.002	26.24	7.876	-0.003	15.63
3/8/2013 5:00	31729	5.47	192.8	18.2	9.95	2.812	196	22.17	8.16	51.79	50.79	79.16	71.76	0	0.001	26.22	7.872	-0.003	12.03
3/8/2013 6:00	31730	4.832	180.8	41.24	17.1	2.603	155.7	55.15	13.52	54.13	52.86	70.54	66.18	0	0.002	26.23	7.872	0	12.02
3/8/2013 7:00	31731	4.587	149.8	29.07	11.74	2.455	136.8	33.15	8.16	55.88	54.48	64.7	61.86	0	0.017	26.24	7.872	0	14.33
3/8/2013 8:00	31732	5.244	146.2	18.99	11.74	2.548	138.3	27.52	8.16	55.5	54.48	65.29	60.81	0	16.76	26.24	7.869	-0.003	15.45
3/8/2013 9:00	31733	6.797	187	18.37	11.74	4.601	189.8	21.05	9.95	56.49	56.4	65.51	59.2	0	81.1	26.26	7.868	-0.001	11.69
3/8/2013 10:00	31734	9.23	198	10.45	15.31	6.798	201.6	13.37	11.74	59.76	60.32	63.48	56.68	0	354.6	26.29	7.867	-0.001	15.07
3/8/2013 11:00	31735	14.63	195.8	12.98	22.47	10.44	197.7	16.49	18.89	65.59	67.08	51.4	46.11	0	663.8	26.33	7.867	0.001	11.61
3/8/2013 12:00	31736	14.52	215	15.39	27.84	11.07	215.5	16.46	22.47	69.68	70.99	38.75	35.9	0	796.7	26.35	7.858	-0.01	15.84
3/8/2013 13:00	31737	13.72	217.4	16.02	26.05	10.59	218.2	17.92	20.68	72.31	73.53	32.41	29.95	0	869	26.34	7.844	-0.013	15.86
3/8/2013 14:00	31738	16.88	192	17.83	31.42	11.85	193.7	20.57	26.05	74.43	76.53	28.57	25.56	0	876	26.31	7.831	-0.013	13.07
3/8/2013 15:00	31739	16.91	196.1	16.76	29.63	12.01	198.4	18.98	22.47	75.35	77.13	27.36	24.58	0	756.4	26.28	7.812	-0.019	15.13
3/8/2013 16:00	31740	16.78	200.1	13.6	31.42	11.88	202	16.27	22.47	75.56	77.02	27.06	24.5	0	536.5	26.26	7.796	-0.016	13.12
3/8/2013 17:00	31741	15.26	194.9	15.49	27.84	10.57	197.7	18.03	22.47	75.7	76.72	27.46	25.29	0	369.2	26.23	7.778	-0.018	11.74
3/8/2013 18:00	31742	17.83	169.1	11.54	27.84	11.4	171.8	15.84	20.68	74.86	75.38	31.74	30.01	0	204.7	26.2	7.756	-0.022	11.96
3/8/2013 19:00	31743	13.94	161.6	8.84	22.47	8.62	163.3	14.38	17.1	72.39	71.87	35.43	34.62	0	18.9	26.18	7.744	-0.013	12.01
3/8/2013 20:00	31744	17.59	150.5	8.7	31.42	11.24	152.6	13.93	22.47	69.77	69.35	44.5	42.75	0	0.192	26.16	7.733	-0.01	15.79
3/8/2013 21:00	31745	21.18	162.2	10.28	33.21	13.23	164.3	15.14	27.84	66.43	66.08	59.07	55.47	0	0.058	26.16	7.727	-0.006	15.91
3/8/2013 22:00	31746	19.62	168.1	9.2	33.21	12.28	170.5	14.45	24.26	63.36	63.05	69.01	63.6	0	0.028	26.16	7.708	-0.019	11.93
3/8/2013 23:00	31747	16.75	168.9	8.96	27.84	10.32	170.5	14.24	20.68	59.97	59.6	81.1	73.46	0	0.024	26.15	7.689	-0.019	15.38
3/9/2013 0:00	31748	11.15	184.6	11.71	18.89	7.24	187.8	15.56	13.52	58.26	57.88	86.4	77.94	0	0.008	26.13	7.68	-0.009	11.43
3/9/2013 1:00	31749	13.86	185.7	8.58	24.26	9.01	189	14.05	18.89	59.16	59.01	85.3	76.81	0	0.017	26.12	7.68	-0.001	16.56
3/9/2013 2:00	31750	11.48	183.6	9.03	18.89	7.349	187.3	13.67	15.31	57.57	57.22	89.2	79.98	0	0.012	26.1	7.674	-0.006	11.89
3/9/2013 3:00	31751	10.97	181.3	8.53	17.1	6.829	184.6	14.21	13.52	55.98	55.48	93.4	83.4	0	0.008	26.08	7.672	-0.002	15.48
3/9/2013 4:00	31752	9.24	194.2	12.39	15.31	5.894	197.1	15.9	11.74	54.67	54.12	97.1	86.1	0	0.008	26.06	7.663	-0.009	11.95
3/9/2013 5:00	31753	9.15	189.5	11.93	15.31	5.815	195	15.66	11.74	53.46	53	99.6	88.3	0	0.019	26.05	7.66	-0.003	11.83
3/9/2013 6:00	31754	9.89	198.5	30.02	17.1	6.414	201.7	31.55	11.74	52.97	52.43	99.6	89.9	0	0.031	26.05	7.657	-0.003	14.58
3/9/2013 7:00	31755	7.179	261.4	15.7	15.31	4.94	261.6	17.81	11.74	52.09	51.32	96.5	88.4	0	0.102	26.08	7.654	-0.003	11.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/9/2013 8:00	31756	8.93	284.8	10.48	17.1	6.022	287.9	14.4	13.52	50.71	49.34	81.7	78.4	0	38.42	26.09	7.65	-0.003	15.52
3/9/2013 9:00	31757	12.21	282.9	9.75	24.26	9.61	281.2	12.79	18.89	55	54.9	53.26	49.91	0	263.2	26.11	7.65	0	15.65
3/9/2013 10:00	31758	18.57	282.9	10.14	38.57	14.52	281.6	13.06	31.42	56.6	57.01	40.81	37.88	0	352.1	26.16	7.638	-0.012	11.67
3/9/2013 11:00	31759	23.7	277.1	10.77	36.78	18.07	276	13.44	31.42	56.55	56.9	36.61	33.51	0	317	26.15	7.635	-0.003	15.63
3/9/2013 12:00	31760	25.24	268.8	11.42	40.36	18.59	268.2	13.96	34.99	58.61	59.13	32.78	29.44	0	433	26.14	7.626	-0.01	13.44
3/9/2013 13:00	31761	28.45	264.4	11.52	43.94	21.03	262.9	13.93	40.36	60.31	61.12	29.54	25.86	0	670.1	26.15	7.613	-0.013	11.49
3/9/2013 14:00	31762	29.97	272.5	11.87	47.52	22.42	271.2	14.3	42.15	61.12	62.24	27.51	23.44	0	882	26.14	7.594	-0.019	16.3
3/9/2013 15:00	31763	28.01	269.1	11	42.15	20.91	268	13.65	36.78	62.03	63.16	24.25	20	0	838	26.12	7.584	-0.01	16.01
3/9/2013 16:00	31764	25.43	266.8	11.51	40.36	19.05	265.4	14.28	33.21	62.16	63.13	22.25	17.93	0	706.6	26.13	7.568	-0.016	12.04
3/9/2013 17:00	31765	24.99	269.1	11.16	42.15	18.52	268	14.03	33.21	61.62	62.33	20.75	16.38	0	479.8	26.11	7.553	-0.015	15.81
3/9/2013 18:00	31766	25.02	277.6	11.35	40.36	19.05	276.5	13.83	36.78	60.68	61.04	19.05	14.6	0	245.2	26.09	7.53	-0.022	16.3
3/9/2013 19:00	31767	24.31	281.1	9.31	40.36	18.87	279.4	12.55	33.21	58.72	58.65	17.87	13.22	0	59.03	26.07	7.505	-0.025	12.05
3/9/2013 20:00	31768	22.33	285.6	8.97	36.78	17.62	285.2	11.76	31.42	56.7	56.5	19.3	14.56	0	0.201	26.07	7.49	-0.015	12.33
3/9/2013 21:00	31769	18.56	293.9	12.33	31.42	14.68	294.3	15.01	26.05	55.12	54.9	23.8	19.2	0	0.007	26.07	7.465	-0.024	12.01
3/9/2013 22:00	31770	16.08	308.3	9.75	26.05	12.89	309.2	10.43	22.47	53.08	52.89	30.49	26.17	0	0.005	26.1	7.463	-0.002	12.01
3/9/2013 23:00	31771	15.51	315.3	10.82	24.26	12.18	317.1	11.5	22.47	51.89	51.71	34.07	29.88	0	0.002	26.14	7.46	-0.003	15.87
3/10/2013 0:00	31772	12.98	314.6	11.49	22.47	10.19	315.6	12.29	18.89	49.93	49.73	35.98	31.75	0	0.002	26.14	7.454	-0.006	12.03
3/10/2013 1:00	31773	12.9	323.8	12.42	24.26	10.15	324.1	11.88	20.68	47.91	47.61	37.3	33.01	0	0.001	26.16	7.425	-0.029	11.99
3/10/2013 2:00	31774	12.87	0.684	8.97	22.47	9.1	357	10.64	18.89	44.59	44.35	43.69	38.14	0	0	26.18	7.417	-0.009	12.03
3/10/2013 3:00	31775	13.68	357.3	9.86	24.26	9.87	354.4	11.06	18.89	42.16	41.91	47.54	41.22	0	0	26.19	7.405	-0.011	11.56
3/10/2013 4:00	31776	14.62	12.19	10.54	24.26	10.89	9.73	11.49	20.68	40.88	40.72	51.91	44.7	0	0	26.18	7.399	-0.006	11.6
3/10/2013 5:00	31777	12.6	17.72	10.29	20.68	9.38	14.73	11.43	18.89	39.35	39.2	55.75	47.85	0	0	26.19	7.393	-0.006	12.07
3/10/2013 6:00	31778	9.38	18.59	11.32	17.1	6.858	15.66	11.96	13.52	37.6	37.41	59.39	50.9	0	0	26.21	7.39	-0.003	12.04
3/10/2013 7:00	31779	11.48	9.62	9.47	20.68	8.44	6.023	11.41	17.1	36.89	36.71	60	51.44	0	0.125	26.23	7.383	-0.006	12.01
3/10/2013 8:00	31780	11.08	6.232	11.18	27.84	7.952	2.155	12.95	24.26	36.73	36.6	58.94	50.67	0	62.61	26.26	7.377	-0.006	12.03
3/10/2013 9:00	31781	22.56	20.01	10.14	36.78	16.45	16.17	12.02	29.63	38.56	38.89	40.36	34.67	0	298	26.29	7.367	-0.01	16.05
3/10/2013 10:00	31782	23.42	19.47	11.88	36.78	16.71	15.04	13.57	33.21	40.79	41.34	34.21	28.57	0	524.4	26.33	7.359	-0.009	12.05
3/10/2013 11:00	31783	20.28	22.08	11	34.99	14.75	17.82	12.36	29.63	43.16	43.93	30.99	25.33	0	716.2	26.37	7.349	-0.01	12.05
3/10/2013 12:00	31784	16.07	13.5	17.69	26.05	11.42	10.51	19.17	20.68	45.6	46.84	29.41	23.72	0	858	26.4	7.338	-0.011	12.14
3/10/2013 13:00	31785	14.99	7.029	20.85	27.84	11.22	4.682	22.6	27.84	47.74	49.18	27.59	21.95	0	866	26.41	7.328	-0.01	15.59
3/10/2013 14:00	31786	13.93	2.012	18.82	26.05	10.66	358.7	19.83	24.26	49.32	50.88	26.17	20.5	0	885	26.41	7.324	-0.003	15.55
3/10/2013 15:00	31787	14.36	1.31	17.17	26.05	10.83	357.7	18.53	22.47	49.64	51.25	26.78	20.93	0	733.1	26.4	7.312	-0.013	12.04
3/10/2013 16:00	31788	12.47	359.4	24.7	24.26	9.57	356.7	24.69	18.89	50.02	51.19	27.03	21.47	0	606.2	26.38	7.302	-0.01	16.03
3/10/2013 17:00	31789	12.47	345.5	15.24	24.26	9.96	343.1	16.94	20.68	50.64	51.73	27.12	21.59	0	500.5	26.37	7.29	-0.013	15.79
3/10/2013 18:00	31790	13.49	342.8	13.95	20.68	10.73	340.6	14.59	18.89	49.9	50.55	29.7	24.41	0	209.2	26.36	7.284	-0.006	15.09
3/10/2013 19:00	31791	9.35	358.5	11.44	18.89	6.753	354.1	12.49	15.31	47.62	47.6	33.89	29.01	0	36.56	26.35	7.267	-0.017	15.78
3/10/2013 20:00	31792	5.211	333.3	13.73	9.95	3.084	333	21.52	6.368	45.4	43.94	36.33	33.01	0	0.333	26.35	7.251	-0.016	12.03
3/10/2013 21:00	31793	4.031	273.8	19.49	8.16	1.464	312.2	22.35	4.578	42.44	38.62	40.09	39.05	0	0	26.33	7.24	-0.011	12.05
3/10/2013 22:00	31794	6.148	309	5.281	8.16	2.527	297.4	8.57	4.578	40.56	37.23	42.23	39.86	0	0	26.33	7.237	-0.003	15.39
3/10/2013 23:00	31795	5.696	316.9	6.845	9.95	2.664	311.2	10.93	6.368	39.53	36.78	43.39	40.96	0	0	26.32	7.235	-0.003	12.05
3/11/2013 1:00	31796	7.435	322.4	22.31	15.31	4.675	323.8	26.35	11.74	39.49	37.1	42.65	40.15	0	0	26.31	7.232	-0.003	12.16
3/11/2013 2:00	31797	5.548	345.8	38.53	9.95	3.111	344.7	44	8.16	36.72	35.05	47.25	42.35	0	0	26.31	7.229	-0.003	12.02
3/11/2013 3:00	31798	6.695	17.74	8.78	9.95	4.307	13.77	11.32	8.16	39.98	38.78	42.42	37.92	0	0	26.31	7.206	-0.023	12.43
3/11/2013 4:00	31799	2.871	29.64	21.58	8.16	1.491	36.95	58.13	4.578	38.53	35.71	44.75	41.91	0	0	26.3	7.202	-0.003	12.04
3/11/2013 5:00	31800	2.033	16.5	34.48	4.578	0.666	285.4	38.6	2.789	36.74	31.04	47.71	48.33	0	0	26.27	7.205	0.002	12.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/11/2013 6:00	31801	0.351	172.6	26.31	2.789	0.326	124.9	10.15	4.578	33.49	28.56	53.64	52.09	0	0	26.25	7.202	-0.003	12.02
3/11/2013 7:00	31802	0.158	176.4	1.47	2.789	1.475	81.8	10.34	2.789	32.72	29.41	56.26	51.94	0	0	26.24	7.202	0	15.45
3/11/2013 8:00	31803	1.478	276.6	15.61	4.578	0.386	322.9	19.69	2.789	33.47	29.13	54.54	52.8	0	0.19	26.24	7.203	0.001	15.99
3/11/2013 9:00	31804	3.36	284.2	8.6	6.368	0.711	274.1	11.4	2.789	33.84	31.35	54.29	50.39	0	67.53	26.24	7.199	-0.004	16.29
3/11/2013 10:00	31805	5.523	238.8	14.75	9.95	4.602	234.9	13.24	9.95	41.03	40.98	43.65	37.97	0	296.3	26.3	7.193	-0.006	11.54
3/11/2013 11:00	31806	8.08	259.4	16.58	13.52	6.63	258.4	18.84	13.52	48.73	49.01	33.42	28.89	0	527.1	26.36	7.19	-0.003	12.05
3/11/2013 12:00	31807	11.34	271.8	16.1	18.89	9.13	271	18.9	17.1	57.39	58.01	25.71	21.52	0	730.7	26.41	7.185	-0.005	11.7
3/11/2013 13:00	31808	12.95	250.5	17.63	22.47	10.65	249.2	19.53	20.68	61.12	61.73	21.23	17.07	0	872	26.43	7.177	-0.008	16.12
3/11/2013 14:00	31809	14.13	237.8	15.81	24.26	11.51	236	16.84	20.68	63.75	64.54	18.37	14.1	0	943	26.42	7.17	-0.007	16.27
3/11/2013 15:00	31810	12.98	240.5	22.05	22.47	10.26	240.5	23.57	18.89	65.86	66.95	16.07	11.68	0	941	26.4	7.154	-0.016	16.38
3/11/2013 16:00	31811	14.06	234.9	17.7	26.05	11.26	234.7	18.73	24.26	67.42	68.42	14.53	10.17	0	868	26.38	7.138	-0.016	15.79
3/11/2013 17:00	31812	13.04	232.9	22.64	26.05	10.34	232.8	23.21	22.47	68.71	69.5	13.07	8.72	0	731.9	26.36	7.119	-0.019	16.2
3/11/2013 18:00	31813	12.12	236.2	21.22	20.68	9.7	235.4	22.58	18.89	69.16	69.73	11.45	7.056	0	542.7	26.33	7.1	-0.019	15.9
3/11/2013 19:00	31814	12.35	230.5	14.04	22.47	9.68	230	15.06	18.89	68.97	69.23	10.62	6.129	0	308.8	26.3	7.078	-0.022	12.08
3/11/2013 20:00	31815	9.04	227.9	16.09	17.1	6.354	227.8	17.13	15.31	66.96	66.19	12.66	8.64	0	80.7	26.29	7.057	-0.02	16.67
3/11/2013 21:00	31816	4.568	204.9	8.95	9.95	1.795	187.9	22.08	6.368	60.43	57.29	17.36	14.52	0	0.428	26.27	7.052	-0.006	12.16
3/11/2013 22:00	31817	4.805	204.4	11.22	9.95	1.617	190.8	27.28	6.368	56.06	52.84	21.88	18.91	0	0.002	26.24	7.035	-0.017	16.42
3/11/2013 23:00	31818	4.491	213.1	9.11	8.16	0.748	201.7	13.12	4.578	53.23	49.82	25.02	22.85	0	0	26.23	7.032	-0.003	15.83
3/12/2013 0:00	31819	3.54	236.9	18.82	6.368	0.631	235.1	32.96	4.578	50.13	46.14	28.14	26.94	0	0	26.22	7.03	-0.002	11.67
3/12/2013 1:00	31820	1.545	295.2	21.63	6.368	0.943	61.18	12.58	4.578	48.88	44.79	30.22	29.85	0	0	26.21	7.028	-0.002	16.04
3/12/2013 2:00	31821	4.213	286.3	27.24	6.368	0.916	327.1	32.87	4.578	50.98	45	28.75	30.42	0	0	26.2	7.022	-0.006	12.03
3/12/2013 3:00	31822	4.73	254.6	32.27	11.74	1.97	265.3	41.73	9.95	49.31	43.89	30.2	31.18	0	0	26.2	7.018	-0.003	11.48
3/12/2013 4:00	31823	5.268	256.5	19.7	8.16	2.43	282.9	34.17	4.578	45.35	41.16	34.67	34.82	0	0	26.19	7.015	-0.003	15.9
3/12/2013 5:00	31824	5.89	245.3	21.73	9.95	1.942	252.5	34.73	4.578	44.45	39.81	35.88	36.28	0	0	26.19	7.012	-0.003	11.78
3/12/2013 6:00	31825	5.062	271.6	9.76	8.16	1.943	312	20.45	4.578	45.24	39.4	34.66	37.11	0	0	26.19	7.012	0	12.01
3/12/2013 7:00	31826	5.234	297.1	11.67	8.16	2.149	289	32.52	4.578	45.15	41	34.44	34.4	0	0	26.2	7.009	-0.003	12.17
3/12/2013 8:00	31827	11.95	333.3	29.17	29.63	7.842	328.8	37.58	24.26	45.9	44.01	35.29	32.58	0	0.249	26.24	6.999	-0.01	12.27
3/12/2013 9:00	31828	19.31	7.568	8.28	29.63	13.8	3.796	10.65	26.05	43.25	43.18	51.54	44.39	0	69.26	26.31	6.996	-0.003	16.58
3/12/2013 10:00	31829	20.99	14.5	10.58	33.21	15.33	11.4	11.93	27.84	43.1	43.52	58.97	50.54	0	297.1	26.36	6.991	-0.005	15.88
3/12/2013 11:00	31830	22.43	21.98	10.04	34.99	15.83	18.68	11.8	31.42	45.99	46.53	52.68	45.58	0	527.6	26.41	6.978	-0.013	12.06
3/12/2013 12:00	31831	20.75	21.74	12.29	33.21	14.59	18.22	14.2	29.63	49.58	50.36	46.77	40.8	0	726.2	26.46	6.967	-0.011	12.07
3/12/2013 13:00	31832	18.23	24.26	12.67	29.63	12.42	21.59	14.07	24.26	53.16	54.17	42.46	37.43	0	866	26.5	6.963	-0.004	15.74
3/12/2013 14:00	31833	16.83	31.67	12.98	31.42	10.64	27.8	14.73	26.05	56.54	57.76	37.29	33.11	0	940	26.52	6.953	-0.01	15.86
3/12/2013 15:00	31834	16.46	37.25	14.35	27.84	10.37	33.14	16.04	22.47	59.38	60.8	31.33	27.29	0	937	26.53	6.943	-0.011	12.09
3/12/2013 16:00	31835	13.96	46.32	15.35	26.05	8.88	40.77	17.71	20.68	61.18	62.78	27.2	23.03	0	861	26.54	6.919	-0.023	16.26
3/12/2013 17:00	31836	12.66	60.62	17.25	20.68	8.27	54.41	21.5	18.89	62.43	64.14	24.61	20.35	0	723.6	26.53	6.904	-0.016	15.75
3/12/2013 18:00	31837	12.97	64.02	14.98	22.47	8.59	58.25	19.08	17.1	62.51	64.12	23.84	19.39	0	535.1	26.53	6.888	-0.016	11.79
3/12/2013 19:00	31838	12.97	64.49	15.06	20.68	8.4	58.77	19.34	17.1	61.65	62.68	24.46	20.18	0	310.5	26.53	6.871	-0.017	12.01
3/12/2013 20:00	31839	11.38	73.15	10.39	17.1	7.546	68.55	15.48	13.52	59.34	59.34	26.06	22.22	0	79.94	26.52	6.858	-0.012	11.45
3/12/2013 21:00	31840	8.25	71.16	6.697	11.74	5.15	65.93	12.16	8.16	53.5	52.4	31.5	27.89	0	0.484	26.51	6.844	-0.014	14.7
3/12/2013 22:00	31841	9.83	62.74	7.778	13.52	6.301	60.37	13.03	11.74	49.64	48.72	35.66	31.79	0	0.001	26.52	6.835	-0.009	15.55
3/12/2013 23:00	31842	9.99	71.08	7.427	13.52	6.154	67.31	13.6	11.74	46.51	45.45	38.99	34.96	0	0.001	26.53	6.826	-0.009	12.02
3/13/2013 0:00	31843	10.69	78.33	8.72	15.31	6.392	73.73	15.68	11.74	44.51	43.51	41.16	36.66	0	0	26.53	6.821	-0.005	14.52
3/13/2013 1:00	31844	10.81	87.2	6.165	22.47	6.223	85	13.78	11.74	42.12	41.13	44.58	39.33	0	0	26.52	6.812	-0.009	16.46
3/13/2013 2:00	31845	10.56	86.1	6.471	15.31	6.056	84.1	14.37	11.74	40.94	39.9	47	41.32	0	0	26.51	6.809	-0.003	15.41

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/13/2013 3:00	31846	10.41	88.7	5.856	13.52	5.924	86.9	13.06	9.95	39.78	38.7	50.83	44.51	0	0	26.51	6.803	-0.006	15.21
3/13/2013 4:00	31847	10.17	87	5.93	13.52	5.729	84.6	14.01	9.95	38.18	37.18	53.99	47.05	0	0	26.51	6.799	-0.003	11.83
3/13/2013 5:00	31848	9.87	90.2	6.952	13.52	5.888	87	13.42	9.95	38.18	37.15	56.55	49.29	0	0	26.49	6.79	-0.01	15.34
3/13/2013 6:00	31849	9.02	83.8	7.563	13.52	5.292	78.75	14.86	9.95	37.46	36.53	59.49	51.6	0	0	26.5	6.787	-0.003	12.05
3/13/2013 7:00	31850	8.77	69.5	7.901	13.52	5.383	60.15	11.86	9.95	36.19	35.15	62.85	54.48	0	0	26.51	6.784	-0.003	15.19
3/13/2013 8:00	31851	7.694	69.39	7.859	13.52	4.458	61.63	12.61	8.16	35.5	34.37	65.43	56.9	0	0.288	26.52	6.784	0.001	12.79
3/13/2013 9:00	31852	2.206	82.1	79.95	6.368	0.794	235.9	37.54	4.578	36.76	35.14	64.7	56.77	0	71.3	26.53	6.779	-0.006	11.99
3/13/2013 10:00	31853	8.06	167.9	13.5	17.1	5.498	171	17.81	13.52	44.12	44.86	51.2	43.72	0	299.6	26.57	6.779	0.001	12.09
3/13/2013 11:00	31854	14	171.2	12.08	20.68	9.41	174.6	16.82	17.1	48.91	50.31	42.39	36.15	0	530.8	26.62	6.778	-0.002	15.36
3/13/2013 12:00	31855	12.75	182.5	15.15	20.68	8.85	184.6	18.85	17.1	53.42	55.16	36.95	31.41	0	730.4	26.66	6.766	-0.011	12.06
3/13/2013 13:00	31856	12.07	195.1	14.78	20.68	8.92	199.1	17.8	17.1	57.49	59.19	32.3	27.13	0	876	26.68	6.753	-0.013	12.15
3/13/2013 14:00	31857	10.59	202.6	18.28	20.68	8.15	205.2	20.54	17.1	60.59	62.04	29.57	24.8	0	948	26.68	6.742	-0.011	12.07
3/13/2013 15:00	31858	10.21	195.3	19.52	18.89	7.766	198.1	22.05	15.31	63.58	65.14	26.82	22.29	0	944	26.67	6.732	-0.01	16.6
3/13/2013 16:00	31859	10.71	196.5	18.59	22.47	8.09	199.3	20.91	15.31	66.57	68.02	23.48	19.31	0	869	26.64	6.723	-0.01	12.66
3/13/2013 17:00	31860	11.16	191.9	18.02	20.68	8.21	195.2	21.33	17.1	68.43	69.88	21.15	17.06	0	730.6	26.62	6.707	-0.016	11.44
3/13/2013 18:00	31861	11.49	190.1	17.16	20.68	8.31	192.7	19.77	17.1	69.68	70.96	19.67	15.75	0	541.3	26.59	6.688	-0.019	12.01
3/13/2013 19:00	31862	11.69	181.1	12.03	18.89	7.967	183.1	16.38	15.31	69.36	70.29	19.81	16.09	0	317.1	26.57	6.672	-0.016	15.37
3/13/2013 20:00	31863	9.43	176.4	7.889	17.1	5.675	178	12.98	13.52	67.2	66.73	21.45	18.47	0	87.3	26.55	6.642	-0.031	14.64
3/13/2013 21:00	31864	6.954	159.6	11.51	9.95	2.371	139.5	18.92	4.578	60.94	56.58	25.96	25.64	0	0.534	26.52	6.627	-0.015	15.51
3/13/2013 22:00	31865	7.217	132.3	7.021	9.95	3.005	97	12.72	4.578	57.36	52.73	29.19	29.37	0	0.001	26.49	6.616	-0.011	16.39
3/13/2013 23:00	31866	8.28	139.8	7.794	11.74	3.506	125.7	20.26	6.368	55.39	51.38	31.49	31.37	0	0.001	26.47	6.61	-0.006	15.03
3/14/2013 0:00	31867	9.86	158	11.16	15.31	4.902	156.8	17.93	9.95	54.49	52.06	32.46	30.65	0	0	26.47	6.604	-0.006	14.34
3/14/2013 1:00	31868	8.24	174.8	7.88	27.84	4.223	178.2	13.64	13.52	52.56	50.85	36.69	33.98	0	0	26.48	6.601	-0.003	15.12
3/14/2013 2:00	31869	5.115	194.8	8.68	8.16	1.775	213.5	12.89	4.578	50.6	48.12	41.82	39.62	0	0	26.46	6.598	-0.003	12.06
3/14/2013 3:00	31870	4.5	205	12.88	6.368	1.277	231	19.1	4.578	49.18	46.32	45.71	43.49	0	0	26.44	6.595	-0.002	15.35
3/14/2013 4:00	31871	5.328	196.8	7.514	8.16	1.754	200.9	10.51	4.578	48.31	45.26	49.63	46.93	0	0	26.42	6.593	-0.002	12.07
3/14/2013 5:00	31872	5.295	201.5	10.55	8.16	1.861	207.8	20.57	4.578	47.2	44.35	54.84	51.33	0	0	26.4	6.59	-0.003	16.25
3/14/2013 6:00	31873	4.337	229.8	13.6	6.368	1.486	262.6	24.43	4.578	46.53	43.29	56.73	54.23	0	0	26.4	6.59	0	15.79
3/14/2013 7:00	31874	4.041	256.7	24.65	6.368	1.844	306	12.94	4.578	46.09	42.71	56.62	54.23	0	0	26.41	6.587	-0.003	12.1
3/14/2013 8:00	31875	3.93	263	17.88	6.368	1.352	306.9	10.16	4.578	46.34	41.83	58.28	57.38	0	0.374	26.42	6.587	0	11.81
3/14/2013 9:00	31876	3.101	227.7	18.58	6.368	1.089	271.6	24.83	2.789	47.45	45.34	56.78	52.65	0	77.77	26.43	6.581	-0.006	15.67
3/14/2013 10:00	31877	6.876	217	12.14	11.74	5.232	219.4	13.31	9.95	52.8	53.07	47.57	41.98	0	308.7	26.48	6.575	-0.006	16.03
3/14/2013 11:00	31878	8.19	218	11.21	11.74	6.475	219.6	13.25	11.74	58.05	58.62	38.48	34.61	0	535.3	26.55	6.57	-0.005	14.18
3/14/2013 12:00	31879	8.26	225.9	13.33	13.52	6.818	226.2	15.06	11.74	65.81	66.15	27.66	24.78	0	725.8	26.59	6.565	-0.005	14.85
3/14/2013 13:00	31880	8.24	236.8	21.18	17.1	6.781	235.8	22.58	11.74	72.66	72.99	19.21	16.66	0	854	26.62	6.56	-0.004	12.04
3/14/2013 14:00	31881	8.71	227.1	23.29	15.31	6.949	225.8	23.57	15.31	77.7	78.34	11.84	8.99	0	923	26.63	6.557	-0.003	11.8
3/14/2013 15:00	31882	7.67	229.2	35.68	17.1	6.106	230.9	35.56	15.31	80.3	81.1	8.99	5.849	0	903	26.61	6.544	-0.013	15.65
3/14/2013 16:00	31883	11.38	217.8	22.79	20.68	8.81	218.5	23.42	18.89	80.8	81.8	8.01	4.502	0	858	26.59	6.528	-0.016	15.27
3/14/2013 17:00	31884	10.56	233.3	32.48	20.68	8.19	233.4	33.81	17.1	81.2	82	7.873	4.307	0	720.8	26.56	6.509	-0.019	16.57
3/14/2013 18:00	31885	8.36	237.2	28.78	17.1	6.674	237.3	30.05	17.1	81.5	82	7.617	3.994	0	532.4	26.55	6.481	-0.028	12.1
3/14/2013 19:00	31886	9.17	232.4	23.22	15.31	7.029	231.8	23.62	13.52	80.6	80.9	8.02	4.461	0	310.3	26.53	6.456	-0.025	11.99
3/14/2013 20:00	31887	8.28	195.1	10.36	15.31	5.12	196.1	14.05	9.95	76.94	76.22	10.4	7.405	0	84.7	26.51	6.428	-0.028	11.64
3/14/2013 21:00	31888	7.328	176	4.805	9.95	2.887	157.8	11.66	4.578	69.12	65.01	14.87	13.36	0	0.599	26.48	6.417	-0.011	15.17
3/14/2013 22:00	31889	4.882	187.4	9.95	8.16	1.069	152.1	17.01	4.578	63.72	59.37	18.75	17.31	0	0.001	26.44	6.409	-0.009	13.12
3/14/2013 23:00	31890	6.204	188.4	13.29	13.52	2.741	179.6	26.38	9.95	61.41	58.02	23.1	21.05	0	0	26.42	6.4	-0.009	11.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/15/2013 0:00	31891	5.356	195.6	10	9.95	1.847	194.7	10.84	4.578	58.36	55.33	32.51	30.48	0	0.001	26.43	6.398	-0.002	11.88
3/15/2013 1:00	31892	4.775	211.1	9.28	11.74	1.747	224.1	12.53	4.578	57.39	54.32	40.85	39.3	0	0	26.42	6.394	-0.003	12.02
3/15/2013 2:00	31893	5.547	206.3	9.87	8.16	2.37	214.6	14.56	6.368	56.17	53.25	47.11	45.38	0	0	26.41	6.391	-0.003	12.02
3/15/2013 3:00	31894	5.588	208.1	8.5	8.16	2.455	224.1	15.37	6.368	54.57	51.73	50.86	48.95	0	0	26.4	6.385	-0.006	13.44
3/15/2013 4:00	31895	5.623	208.3	7.402	8.16	2.534	225.1	11.68	4.578	53.1	50.38	53.43	51.09	0	0	26.38	6.382	-0.003	12.03
3/15/2013 5:00	31896	5.399	199.8	10.51	9.95	1.889	209.2	22.83	4.578	52.09	48.78	55.42	53.85	0	0	26.36	6.378	-0.003	13.54
3/15/2013 6:00	31897	3.567	208.7	10.18	4.578	0.504	283.9	8.26	2.789	50.46	47.35	58.59	56.67	0	0	26.34	6.376	-0.002	11.9
3/15/2013 7:00	31898	3.584	226.1	14.22	6.368	0.801	285.9	16.07	2.789	49.19	46.21	61.2	58.54	0	0	26.33	6.377	0.001	15.77
3/15/2013 8:00	31899	4.067	240.9	13.07	6.368	1.432	287.4	14.35	4.578	49.12	45.53	61.4	59.68	0	0.454	26.33	6.374	-0.003	15.5
3/15/2013 9:00	31900	3.953	254.7	11.93	6.368	2.078	284.8	12.18	6.368	50.11	47.8	59.85	55.99	0	82.1	26.32	6.37	-0.004	13.37
3/15/2013 10:00	31901	5.876	243.2	26.01	9.95	4.838	242.9	26.83	9.95	54.48	54.63	52.49	46.61	0	315.7	26.37	6.368	-0.002	15.49
3/15/2013 11:00	31902	7.661	224	12.9	13.52	6.202	223.1	14.24	9.95	60.36	60.8	41.39	37.72	0	542.1	26.42	6.367	-0.001	13.33
3/15/2013 12:00	31903	8.81	216.7	12.3	13.52	7.044	217.3	14.31	11.74	67.61	68.37	29.85	27.01	0	730.4	26.45	6.362	-0.005	12.33
3/15/2013 13:00	31904	10.04	221.1	15.98	17.1	7.946	221	17.19	15.31	74.82	75.62	20.09	17.71	0	860	26.47	6.355	-0.007	11.99
3/15/2013 14:00	31905	11.75	229.5	17.62	22.47	9.33	228.6	18.33	18.89	80.4	81.3	12.49	9.83	0	931	26.46	6.335	-0.02	16.75
3/15/2013 15:00	31906	12.88	228.6	18.62	22.47	10.12	228.7	19.82	18.89	83.2	84.2	8.07	4.972	0	933	26.43	6.31	-0.025	14.24
3/15/2013 16:00	31907	14.63	236.3	19.06	27.84	11.47	236.7	20.38	20.68	84.6	85.5	6.495	3.167	0	865	26.4	6.288	-0.022	15.79
3/15/2013 17:00	31908	13.11	242.4	19.28	22.47	10.34	241.7	21.25	18.89	85.9	86.5	4.97	1.874	0	732.8	26.37	6.262	-0.025	15.49
3/15/2013 18:00	31909	12.02	243.3	19.78	22.47	9.45	242.6	20.79	18.89	86	86.5	4.501	1.801	0	543.6	26.35	6.24	-0.022	11.94
3/15/2013 19:00	31910	9.89	245.6	17.82	18.89	7.726	245.1	19.44	15.31	85.8	85.9	4.274	1.801	0	322.3	26.33	6.218	-0.022	16.24
3/15/2013 20:00	31911	7.946	232.1	14.28	15.31	5.53	230.5	15.68	13.52	83	81.9	5.377	2.407	0	89.1	26.31	6.174	-0.043	16.02
3/15/2013 21:00	31912	7.103	200.3	5.2	9.95	2.854	180.5	10.7	4.578	75.73	70.31	8.61	7.503	0	0.405	26.28	6.166	-0.008	11.88
3/15/2013 22:00	31913	8.69	189.6	6.921	13.52	3.152	171.5	12.96	6.368	70.1	63.9	11.48	10.94	0	0.001	26.23	6.158	-0.009	13.59
3/15/2013 23:00	31914	12.35	178.4	8.09	20.68	6.684	179.9	14.05	13.52	65.97	63.36	19	16.41	0	0.001	26.22	6.145	-0.013	16.67
3/16/2013 0:00	31915	13.59	186.8	8.42	22.47	8.53	191.2	13.33	15.31	65.37	64.29	28.36	25.94	0	0.004	26.22	6.132	-0.013	11.87
3/16/2013 1:00	31916	11.47	192.8	8.99	26.05	7.314	197.2	13.47	13.52	63.28	62.23	36.12	34.12	0	0.004	26.22	6.126	-0.006	11.86
3/16/2013 2:00	31917	10.17	201.1	9.94	17.1	6.544	205.5	12.76	11.74	61.03	59.97	41.73	39.48	0	0.003	26.2	6.114	-0.012	11.43
3/16/2013 3:00	31918	7.651	216.2	11.82	13.52	4.691	219.8	14.59	8.16	58.07	56.71	46.83	43.93	0	0.001	26.18	6.102	-0.012	15.84
3/16/2013 4:00	31919	6.296	222.9	8.71	9.95	3.733	227.9	11.83	6.368	55.76	54.18	51.33	47.98	0	0	26.16	6.093	-0.009	11.88
3/16/2013 5:00	31920	5.819	226.3	8.64	9.95	2.733	240.3	14.45	6.368	53.4	50.99	56.11	52.91	0	0	26.13	6.093	0	15.03
3/16/2013 6:00	31921	4.668	238.7	23.73	8.16	2.272	257.8	35.12	4.578	51.35	48.59	60.4	57.04	0	0	26.1	6.09	-0.003	13.76
3/16/2013 7:00	31922	5.072	243.9	7.493	8.16	2.01	280.5	14.85	4.578	48.93	45.64	64.98	61.76	0	0	26.09	6.088	-0.002	15.36
3/16/2013 8:00	31923	4.571	274.6	14.19	6.368	2.317	312.2	7.099	4.578	48.02	44.5	66.16	63.35	0	1.041	26.08	6.086	-0.003	11.72
3/16/2013 9:00	31924	5.209	261.7	11.5	8.16	2.526	270.9	21.67	6.368	51.33	48.75	58.51	56.04	0	102.8	26.09	6.082	-0.004	11.88
3/16/2013 10:00	31925	6.059	239.6	8.97	9.95	5.208	237.9	9.92	8.16	59.13	58.82	40.84	37.76	0	325.9	26.13	6.079	-0.002	15.94
3/16/2013 11:00	31926	6.628	254.5	11.97	9.95	5.597	252.1	14.87	9.95	68.36	68.33	24.46	22.23	0	534.2	26.19	6.077	-0.002	16.55
3/16/2013 12:00	31927	12.87	290.9	17.01	20.68	10.49	290.7	19.55	18.89	78.02	78.13	11.18	8.83	0	596	26.23	6.073	-0.004	16.51
3/16/2013 13:00	31928	13.07	303.1	14	20.68	10.85	303.3	15.72	18.89	83	83.5	8.18	5.324	0	876	26.25	6.072	-0.001	16.26
3/16/2013 14:00	31929	8.9	300.6	25.78	20.68	7.334	301.4	27.85	17.1	86.1	86.6	6.745	3.899	0	953	26.26	6.063	-0.01	11.95
3/16/2013 15:00	31930	7.972	273.2	37.53	18.89	6.441	272.3	39.61	17.1	87.6	88.3	6.05	3.004	0	928	26.24	6.05	-0.013	11.89
3/16/2013 16:00	31931	8.71	265.6	41.43	18.89	7.026	266.6	39.78	17.1	88.2	88.6	5.283	2.343	0	865	26.21	6.034	-0.016	15.95
3/16/2013 17:00	31932	11.99	243.1	23.44	26.05	9.62	242.1	24.34	22.47	87	87.5	2.94	1.804	0	608.3	26.18	5.993	-0.041	15.62
3/16/2013 18:00	31933	12.91	245.5	16.43	20.68	10.31	245	17.8	18.89	86	86.3	3.167	1.812	0	507.3	26.16	5.964	-0.029	16.27
3/16/2013 19:00	31934	10.1	253.9	16.17	18.89	7.936	252.2	18.79	17.1	85.7	85.8	2.645	1.799	0	334.3	26.14	5.942	-0.022	11.8
3/16/2013 20:00	31935	6.962	237.9	11.53	13.52	4.649	235.5	13.02	11.74	82.9	81.6	3.236	1.75	0	89.9	26.13	5.915	-0.028	16.33

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/16/2013 21:00	31936	9.76	57.98	84.4	20.68	6.108	54.46	76.4	17.1	74.61	72.56	14.94	12.52	0	0.381	26.11	5.896	-0.018	15.8
3/16/2013 22:00	31937	12.22	79.99	10.17	20.68	7.4	76.05	16.99	15.31	68.19	67.01	29.69	28.04	0	0.004	26.1	5.882	-0.015	11.2
3/16/2013 23:00	31938	9.14	72.14	12.78	17.1	5.281	64.52	19.64	9.95	63.9	62.53	34.85	33.22	0	0.001	26.1	5.869	-0.013	16.02
3/17/2013 0:00	31939	11.55	90.5	12.96	18.89	7.409	87	18.12	13.52	61.95	60.99	38.12	36.02	0	0.004	26.09	5.86	-0.009	15.52
3/17/2013 1:00	31940	14.04	51.59	24.79	27.84	8.55	46.88	26.04	20.68	61.37	60.9	42.09	39.25	0	0.003	26.09	5.851	-0.01	15.63
3/17/2013 2:00	31941	13.72	59.74	12.65	22.47	8.8	54.94	15.43	17.1	57.53	57.23	50.77	46.14	0	0.001	26.09	5.845	-0.006	11.73
3/17/2013 3:00	31942	13.75	52.66	22.26	22.47	8.9	47.96	23.78	17.1	55.56	55.24	56.49	50.95	0	0	26.08	5.836	-0.009	11.29
3/17/2013 4:00	31943	13.59	48.81	12.75	22.47	8.01	43.26	15.11	17.1	52.48	52.18	63.46	56.64	0	0	26.08	5.827	-0.009	11.79
3/17/2013 5:00	31944	12.86	30.94	11.26	22.47	8.17	27.36	12.85	17.1	49.63	49.47	69.16	61.04	0	0	26.09	5.817	-0.01	11.8
3/17/2013 6:00	31945	14.13	29.72	11.2	24.26	9.29	25.97	13.25	18.89	47.31	47.18	74.82	65.6	0	0	26.09	5.811	-0.006	11.59
3/17/2013 7:00	31946	12.57	33.81	11.62	22.47	7.718	30.47	12.96	15.31	45.33	45.18	78.11	68.21	0	0	26.08	5.809	-0.002	11.78
3/17/2013 8:00	31947	8.64	25.4	17.2	20.68	5.257	21.67	20.05	13.52	43.52	43.36	81.3	70.71	0	0.523	26.09	5.8	-0.009	15.51
3/17/2013 9:00	31948	5.008	344.7	19.15	9.95	3.435	335.1	22.29	6.368	42.61	42.57	81.5	70.66	0	81	26.11	5.794	-0.006	15.95
3/17/2013 10:00	31949	7.426	28.59	17.9	11.74	4.962	25.01	19.27	9.95	48.66	49.45	66.93	58.91	0	309	26.14	5.792	-0.002	11.9
3/17/2013 11:00	31950	4.847	27.59	25.21	9.95	3.395	20.25	28.35	8.16	54.05	55.08	55.38	49.99	0	539.3	26.2	5.79	-0.002	12.94
3/17/2013 12:00	31951	3.702	276.4	92	8.16	3.033	274.6	77.23	8.16	60.89	61.08	44.52	41.81	0	737.1	26.25	5.788	-0.002	13.9
3/17/2013 13:00	31952	6.273	225.6	28.86	13.52	5.019	232	32.84	13.52	63.52	63.99	42.63	38.9	0	879	26.26	5.785	-0.004	15.54
3/17/2013 14:00	31953	9.03	231.5	24.18	24.26	7.288	232.1	27.27	17.1	66.12	67.05	37.93	34.59	0	951	26.24	5.775	-0.01	11.64
3/17/2013 15:00	31954	11.29	221.8	17.93	18.89	8.86	221	19.55	17.1	69.84	71.2	31.44	28.25	0	944	26.2	5.762	-0.013	14.91
3/17/2013 16:00	31955	11.89	224.2	18.56	22.47	9.28	223.1	20.22	20.68	73.28	74.49	24.62	21.8	0	866	26.17	5.75	-0.013	12.75
3/17/2013 17:00	31956	12.55	238.3	16.58	24.26	9.92	237.8	18.96	22.47	76.07	76.83	18.49	15.87	0	725.4	26.13	5.731	-0.019	11.77
3/17/2013 18:00	31957	14.19	238.4	16.94	29.63	11.2	237.2	18.6	26.05	78.23	78.74	14.09	11.24	0	525.2	26.1	5.712	-0.019	15.67
3/17/2013 19:00	31958	19.08	246.7	14.86	34.99	14.59	246	16.94	31.42	78.49	78.61	11.18	8.25	0	257.4	26.08	5.674	-0.038	14.19
3/17/2013 20:00	31959	24.97	287.1	26.9	52.89	19.19	286.4	28.35	43.94	75.84	75.56	13.04	10.19	0	18.41	26.09	5.639	-0.035	15.36
3/17/2013 21:00	31960	18.5	320.5	16	34.99	13.93	319.4	16.62	27.84	71.6	71.28	20.08	17.43	0	0.319	26.11	5.624	-0.015	11.52
3/17/2013 22:00	31961	9.6	271.7	16.09	22.47	6.611	270.3	20.16	18.89	70.03	69	21.41	19.26	0	0.024	26.1	5.615	-0.009	11.76
3/17/2013 23:00	31962	4.706	274	29.88	8.16	1.499	281.3	41.97	4.578	66.21	62.24	24.12	23.93	0	0.006	26.09	5.609	-0.006	15.92
3/18/2013 0:00	31963	4.908	220.3	11.21	9.95	1.896	188.9	26.14	4.578	61.65	56.68	27.57	28.27	0	0.001	26.07	5.597	-0.012	15.36
3/18/2013 1:00	31964	4.712	210.2	13.95	8.16	1.516	203.3	32.44	4.578	57.15	54.28	32.22	31.01	0	0	26.07	5.595	-0.002	11.71
3/18/2013 2:00	31965	4.807	237.3	36.64	11.74	2.065	257.8	43.47	8.16	56.77	53.81	31.54	30.89	0	0	26.07	5.589	-0.006	11.37
3/18/2013 3:00	31966	8.89	284.4	10.88	17.1	5.798	289.6	14.7	11.74	61.19	58.8	20.53	18.66	0	0	26.08	5.586	-0.003	14.22
3/18/2013 4:00	31967	9.31	292.5	10.52	15.31	6.255	298.1	12.39	11.74	59.27	57.32	20.89	18.04	0	0.001	26.1	5.582	-0.003	15.69
3/18/2013 5:00	31968	8.98	307.7	8.74	15.31	5.497	309	8.95	9.95	55.11	52.94	24.61	21.87	0	0	26.11	5.579	-0.003	11.81
3/18/2013 6:00	31969	9.22	321.3	8.48	13.52	6.403	320.1	10.32	9.95	53.04	51.78	25.77	22.01	0	0	26.11	5.576	-0.003	15.14
3/18/2013 7:00	31970	6.127	345.7	25.51	13.52	3.702	335.6	25.73	8.16	52.35	50.98	25.66	21.75	0	0	26.13	5.57	-0.006	11.35
3/18/2013 8:00	31971	10.25	332	10.52	15.31	7.096	327.2	12.62	13.52	50.94	48.96	26.53	23.36	0	0.849	26.14	5.567	-0.003	12.24
3/18/2013 9:00	31972	10.67	351.7	21.09	20.68	6.609	335.1	24	13.52	53.99	53.42	21.39	16.82	0	101	26.18	-1.89	-7.457	15.51
3/18/2013 10:00	31973	16.94	21.58	12.67	29.63	7.916	3.906	47.65	22.47	56.67	57.71	25.11	19.65	0	334.1	26.25	9.43	11.32	14.19
3/18/2013 11:00	31974	16.41	33.76	11.78	27.84	9.92	30.65	13.11	22.47	54.91	55.6	39.52	34.8	0	534.2	26.31	9.43	-0.001	15.67
3/18/2013 12:00	31975	13.5	41.41	12.27	22.47	8.03	35.94	13.15	17.1	56.54	57.58	39.83	35.38	0	688.7	26.34	9.43	0	13.98
3/18/2013 13:00	31976	10.47	57.61	13.3	17.1	6.999	51.57	17.51	15.31	59.25	61.05	35.59	31.23	0	736.4	26.36	9.44	0.003	11.85
3/18/2013 14:00	31977	6.997	78.74	27.71	15.31	5.256	72.34	34.42	11.74	64.39	65.94	28.61	25.26	0	880	26.37	9.43	-0.003	13.21
3/18/2013 15:00	31978	6.377	112.2	53.84	17.1	4.936	108.2	59.21	11.74	68.14	69.3	22.65	19.31	0	676.6	26.37	9.43	0	16.01
3/18/2013 16:00	31979	6.074	185.8	32.98	15.31	4.704	189.8	36.06	11.74	70.73	71.35	17.91	14.31	0	643.1	26.34	9.43	0	15.63
3/18/2013 17:00	31980	6.877	206.5	27.95	18.89	5.392	211.7	29.47	15.31	73.57	73.97	13.84	10.42	0	663.5	26.33	9.43	0	11.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/18/2013 18:00	31981	13.39	203.5	18.4	22.47	9.67	205.1	19.68	17.1	74.22	75.35	12.26	8.38	0	564	26.31	9.41	-0.019	11.52
3/18/2013 19:00	31982	12.83	215.2	13.75	22.47	9.32	214.8	15.52	18.89	74.79	75.32	9.77	5.914	0	325.3	26.28	9.39	-0.022	11.85
3/18/2013 20:00	31983	11.16	244	15.6	26.05	7.993	242.4	17.49	18.89	73.77	73.12	6.486	2.449	0	96.9	26.27	9.37	-0.019	11.77
3/18/2013 21:00	31984	7.086	208.9	6.903	11.74	3.065	203.2	9.61	6.368	67.76	63.91	10.01	6.96	0	0.82	26.25	9.36	-0.013	12.99
3/18/2013 22:00	31985	7.211	203.8	7.273	9.95	2.824	195.1	15.55	6.368	63.23	58.67	13.31	10.8	0	0.001	26.23	9.35	-0.012	16.52
3/18/2013 23:00	31986	5.331	208.5	10.22	9.95	1.94	185.9	30.27	6.368	59.04	55.86	16.27	12.89	0	0.001	26.23	9.34	-0.008	11.77
3/19/2013 0:00	31987	3.754	209.6	19.51	6.368	1.139	144.2	32.46	4.578	54.77	51.39	19.13	16.06	0	0	26.21	9.33	-0.006	11.81
3/19/2013 1:00	31988	3.294	197.3	35.42	8.16	1.391	110.5	17.7	4.578	54.02	50.18	19.75	17.31	0	0	26.2	9.33	-0.003	15.14
3/19/2013 2:00	31989	6.895	162.7	11.83	11.74	3.117	138.8	20.73	6.368	53.07	48.7	21.85	20.16	0	0	26.19	9.33	-0.006	14.82
3/19/2013 3:00	31990	7.136	170.7	16.66	15.31	3.295	160.9	35.09	9.95	52.4	49.67	26.34	23.11	0	0	26.19	9.31	-0.019	11.88
3/19/2013 4:00	31991	4.371	190.3	16.96	8.16	1.009	156.8	23.49	6.368	51.14	47.97	28.96	26.57	0	0	26.19	9.3	-0.01	11.62
3/19/2013 5:00	31992	4.663	239.4	35.24	9.95	2.223	271	46.09	6.368	51.85	48.32	28.34	26.86	0	0	26.18	9.29	-0.006	11.84
3/19/2013 6:00	31993	3.908	239.3	14.33	6.368	0.647	252.8	17.73	4.578	49.88	44.78	30.15	30.59	0	0	26.17	9.29	-0.001	12.31
3/19/2013 7:00	31994	0.881	207.4	30.1	4.578	1.481	79.87	18.39	4.578	47.94	44.43	32.47	31.55	0	0	26.17	9.29	0	16.61
3/19/2013 8:00	31995	1.95	189.2	20.48	6.368	1.269	97.1	26.26	4.578	48.59	44.36	31.86	32.3	0	0.468	26.18	9.29	-0.003	11.36
3/19/2013 9:00	31996	2.665	244.3	23.4	6.368	1.075	279	17.78	6.368	49.81	47.07	31.25	30.11	0	105.2	26.19	9.28	-0.003	11.84
3/19/2013 10:00	31997	4.908	244.6	14.63	8.16	4.252	242.2	15.2	8.16	56.8	56.62	25.5	20.99	0	345.6	26.24	9.28	-0.004	11.88
3/19/2013 11:00	31998	4.805	294.9	27.77	8.16	4.088	295.4	28.97	8.16	62.82	62.82	19.15	15.01	0	380.3	26.29	9.27	-0.005	15.61
3/19/2013 12:00	31999	4.695	273.6	27.76	8.16	3.962	272.2	32.82	8.16	69.02	68.87	13.4	9.64	0	487.8	26.31	9.27	-0.005	11.72
3/19/2013 13:00	32000	5.974	285.2	23.65	11.74	5.022	285.5	26.74	11.74	73.67	73.66	8.85	5.129	0	439.5	26.33	9.26	-0.005	15.5
3/19/2013 14:00	32001	7.759	304.3	21.71	15.31	6.023	304.1	25.41	11.74	73.94	74.23	8.12	4.199	0	385	26.33	9.26	-0.003	11.88
3/19/2013 15:00	32002	8.85	310.1	21.56	15.31	6.828	311.6	24.55	13.52	73.84	74.12	9.06	5.253	0	342.4	26.32	9.26	-0.006	15.65
3/19/2013 16:00	32003	9.69	296	15.97	15.31	7.86	296	18.42	13.52	73.02	73.11	10.93	7.178	0	239.2	26.3	9.25	-0.009	15.65
3/19/2013 17:00	32004	7.654	322.3	23.79	13.52	6.049	322.1	24.56	11.74	73.2	73.22	10.06	6.361	0	252.1	26.29	9.23	-0.013	11.76
3/19/2013 18:00	32005	13.47	54.24	17.48	24.26	8.83	49.1	19.76	20.68	71.45	71.76	14.97	11.2	0	212.4	26.3	9.22	-0.016	11.84
3/19/2013 19:00	32006	17.4	55.63	10.24	27.84	10.67	49.53	14.74	20.68	68.62	68.84	18.61	14.97	0	194.5	26.3	9.2	-0.017	15.61
3/19/2013 20:00	32007	17.36	56.46	10.07	26.05	10.89	51.14	14.56	20.68	65.56	65.35	21.72	17.92	0	70.05	26.31	9.19	-0.012	15.68
3/19/2013 21:00	32008	14.23	59.71	8.46	20.68	9.41	55.77	13.04	17.1	61.07	60.5	29.87	26.29	0	0.68	26.32	9.18	-0.012	15.93
3/19/2013 22:00	32009	18.81	61.05	7.855	29.63	12.53	56.46	12.8	24.26	57.3	56.86	47.09	42.54	0	0.001	26.35	9.16	-0.018	11.59
3/19/2013 23:00	32010	19.53	61.1	8.07	36.78	12.93	56.35	12.54	27.84	53.92	53.57	55.8	49.99	0	0	26.38	9.14	-0.014	11.92
3/20/2013 0:00	32011	16.6	60.18	8.9	26.05	10.81	55.78	13.2	20.68	50.11	49.77	59.58	52.81	0	0	26.4	9.13	-0.009	11.92
3/20/2013 1:00	32012	14.2	60.17	8.6	34.99	9.39	56.65	12.88	20.68	47.7	47.31	65.22	57.51	0	0	26.41	9.13	-0.006	16.61
3/20/2013 2:00	32013	10.6	54.69	9.63	17.1	6.386	50.11	13.61	13.52	45.75	45.37	70.32	61.65	0	0	26.4	9.13	-0.002	11.97
3/20/2013 3:00	32014	11	28.05	16.11	17.1	6.439	23.81	19.84	11.74	45.02	44.94	73.16	63.72	0	0	26.42	9.12	-0.006	15.39
3/20/2013 4:00	32015	8.86	17.32	14.96	17.1	5.151	11.91	21.65	11.74	42.78	42.62	77.44	67.06	0	0	26.42	9.12	-0.002	11.9
3/20/2013 5:00	32016	8.78	9.83	9.72	15.31	5.298	1.619	17.68	11.74	41.18	41.04	82.4	71	0	0	26.42	9.12	-0.003	16.25
3/20/2013 6:00	32017	10.11	20.8	9.51	15.31	5.996	17.05	15.9	13.52	40.49	40.3	83.9	72.59	0	0	26.42	9.11	-0.003	11.95
3/20/2013 7:00	32018	8.17	21.46	10.6	13.52	4.727	18.89	17.05	9.95	38.88	38.66	85.2	73.42	0	0	26.43	9.11	-0.003	11.94
3/20/2013 8:00	32019	8.82	15.29	9.79	13.52	5.824	10.65	13.73	11.74	39.16	38.91	84.7	73.17	0	1.596	26.45	9.11	-0.003	13.23
3/20/2013 9:00	32020	9.48	15.99	9.67	15.31	6.839	12.25	11.29	11.74	40.29	40.38	81.4	70.34	0	99.1	26.48	9.44	0.33	12.42
3/20/2013 10:00	32021	9.74	41.59	16.27	17.1	6.129	37.89	17.41	13.52	45.14	45.85	66.05	57.94	0	335.5	26.51	9.43	-0.002	11.91
3/20/2013 11:00	32022	11.7	76.72	15.97	20.68	8.15	72.01	21.45	17.1	50.42	52.03	44.8	39.55	0	568.8	26.56	9.43	0.001	11.96
3/20/2013 12:00	32023	13.48	109.7	16.43	24.26	9.65	108.1	23.02	20.68	54.19	56.26	35.95	31.12	0	767.5	26.59	9.43	-0.002	11.94
3/20/2013 13:00	32024	14.03	127.1	14.83	24.26	9.82	127.1	20.79	18.89	56.83	59.14	30.69	25.68	0	901	26.6	9.44	0.003	11.95
3/20/2013 14:00	32025	14.08	140.9	15.8	24.26	9.79	142.7	21.21	18.89	59.12	61.5	30.67	25.65	0	928	26.57	9.43	-0.002	11.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/20/2013 15:00	32026	13.38	156.6	18.07	26.05	9.21	158.3	22.72	26.05	61.01	63.17	29.44	24.52	0	829	26.53	9.43	-0.001	15.77
3/20/2013 16:00	32027	13.52	169.7	16.84	24.26	9.41	174.1	21.85	18.89	62.02	63.91	29.23	24.44	0	717.7	26.49	9.43	0	14.87
3/20/2013 17:00	32028	13.2	170	18.89	20.68	9.02	173.3	22.37	17.1	63.36	65.15	28.47	23.91	0	624.8	26.45	9.43	-0.003	16.38
3/20/2013 18:00	32029	13.64	172.8	17.23	22.47	9.32	175.7	20.77	17.1	63.43	64.61	28.7	24.6	0	386.3	26.41	9.42	-0.011	15.7
3/20/2013 19:00	32030	12.95	178.3	11.93	20.68	8.59	181.2	16.68	17.1	63.52	64.17	28.83	25.15	0	197.3	26.37	9.4	-0.015	11.91
3/20/2013 20:00	32031	11.33	184.4	8.51	18.89	7.438	187.4	13.11	15.31	61.91	61.73	32.44	29.36	0	33.72	26.33	9.39	-0.019	15.66
3/20/2013 21:00	32032	8.04	190.9	7.146	13.52	4.723	191.6	12	9.95	59.06	58.09	38.16	35.65	0	0.362	26.3	9.37	-0.012	11.94
3/20/2013 22:00	32033	5.553	190.8	6.584	8.16	1.913	168	17.81	4.578	55.71	53.04	44.46	42.59	0	0.001	26.27	9.37	-0.007	11.69
3/20/2013 23:00	32034	2.349	173.6	14.62	4.578	0.869	85.2	11.19	2.789	53.95	51.9	48.24	45.37	0	0	26.24	9.36	-0.003	13.57
3/21/2013 0:00	32035	3.737	158.4	14.65	6.368	2.302	103.5	9.3	4.578	53.41	50.59	49.81	47.2	0	0	26.21	9.35	-0.01	11.98
3/21/2013 1:00	32036	7.913	174.3	10.18	13.52	3.713	171.5	20.58	9.95	52.67	49.87	52.03	49.61	0	0	26.19	9.35	-0.006	16.59
3/21/2013 2:00	32037	8.1	185.6	7.564	11.74	4.539	187.3	12.79	8.16	51.74	50.79	58.38	52.63	0	0	26.16	9.34	-0.006	11.97
3/21/2013 3:00	32038	9.36	186.6	11.19	17.1	5.736	191	16.27	9.95	51.71	50.85	63.4	57.12	0	0	26.12	9.34	-0.003	15.97
3/21/2013 4:00	32039	8.47	180.1	9.31	15.31	4.977	183.9	14.89	9.95	51.32	50.32	70.87	63.72	0	0	26.1	9.33	-0.006	11.95
3/21/2013 5:00	32040	6.821	190.7	17.07	13.52	3.608	191.4	22.51	9.95	49.53	47.87	79.26	71.54	0	0	26.06	9.33	-0.003	11.98
3/21/2013 6:00	32041	9.6	205.3	7.283	15.31	6.184	207.7	10.74	9.95	49.68	48.84	84.9	75.61	0	0	26.03	9.33	-0.003	12.28
3/21/2013 7:00	32042	9.25	207.6	6.954	15.31	6.028	209.6	10.24	11.74	47.94	47.21	90.1	79.57	0	0	26.02	9.32	-0.003	14.27
3/21/2013 8:00	32043	8.53	212.8	8.36	15.31	5.547	214.2	11.01	9.95	46.92	46.19	94.5	82.7	0	0.622	26.01	9.32	0	15.81
3/21/2013 9:00	32044	10.14	212.2	6.709	15.31	6.921	214.2	9.61	11.74	46.8	46.4	95.6	83.4	0	78.65	26	9.31	-0.009	14.8
3/21/2013 10:00	32045	7.957	212.7	9.04	13.52	6.066	214.5	11.56	9.95	51.05	51.29	87.2	76.63	0	251.4	26.02	9.32	0.003	11.94
3/21/2013 11:00	32046	9.02	230.4	16.04	13.52	7.007	229.3	18.38	11.74	57.69	58.19	67.59	60.37	0	528.2	26.06	9.31	-0.006	11.69
3/21/2013 12:00	32047	10.59	269.7	14.69	18.89	7.772	269.7	18.76	15.31	68.21	68.86	36.06	33.84	0	726.8	26.11	9.31	-0.003	11.96
3/21/2013 13:00	32048	14.26	281.2	14.86	24.26	11.19	282.2	17.95	20.68	75.32	76.13	17.81	15.78	0	886	26.11	9.31	-0.001	15.82
3/21/2013 14:00	32049	15.97	280.1	14.77	26.05	12.22	280.4	17.7	22.47	77.48	78.59	14.03	11.36	0	933	26.11	9.3	-0.008	15.55
3/21/2013 15:00	32050	17.25	276.2	15.32	33.21	12.94	276.1	18.4	24.26	79.56	80.8	11.98	9.05	0	960	26.09	9.29	-0.013	16.02
3/21/2013 16:00	32051	16.24	282.9	20.44	31.42	12.42	284.3	22.98	27.84	81.6	82.8	11.38	8.34	0	949	26.06	9.27	-0.019	16.31
3/21/2013 17:00	32052	16.14	286.5	15.85	26.05	12.86	287	18.48	22.47	81.4	82.2	10.64	7.641	0	585.5	26.04	9.24	-0.025	11.92
3/21/2013 18:00	32053	22.28	292.9	14.94	36.78	17.78	294	16.88	31.42	81.3	81.7	8.16	4.89	0	438.9	26.02	9.22	-0.024	16.54
3/21/2013 19:00	32054	19.9	290.4	10.16	34.99	15.98	290.2	13.19	27.84	81.1	81.5	7.303	3.699	0	403.1	26.02	9.2	-0.019	16.03
3/21/2013 20:00	32055	14.56	284.8	9.4	26.05	11.4	284.8	12.08	22.47	78.57	78.09	8.51	5.29	0	97.5	26.02	9.18	-0.019	11.91
3/21/2013 21:00	32056	8.32	282.8	9.59	13.52	5.183	290.2	15.72	9.95	72.52	70.03	11.98	9.64	0	0.637	26.01	9.17	-0.011	11.87
3/21/2013 22:00	32057	9.01	256.7	7.183	13.52	4.181	254.5	15.94	9.95	67.76	66.02	16.31	13.47	0	0.005	26	9.15	-0.021	12.28
3/21/2013 23:00	32058	5.367	239.3	11.98	9.95	2.143	232.1	15.99	6.368	63.95	61.11	21.12	19	0	0.004	26	9.14	-0.009	11.82
3/22/2013 0:00	32059	5.994	270.2	13.49	11.74	2.822	274.6	17.31	6.368	61.86	58.71	23.51	21.89	0	0	25.99	9.13	-0.005	16.5
3/22/2013 1:00	32060	8.24	301.6	7.415	17.1	4.833	310.9	8.75	8.16	62.27	59.29	23.85	22.41	0	0	25.98	9.13	-0.006	11.66
3/22/2013 2:00	32061	7.995	305.8	7.126	11.74	4.602	310.1	8.83	8.16	62.17	59.43	25.09	23.62	0	0.001	25.98	9.12	-0.003	15.77
3/22/2013 3:00	32062	8.17	302.8	7.864	11.74	4.592	304.2	9.23	8.16	59.9	56.72	27.7	26.55	0	0	25.98	9.12	-0.006	15.26
3/22/2013 4:00	32063	12.38	319	6.682	18.89	9.06	320.7	7.51	17.1	58.73	57.42	28.85	26.15	0	0	25.97	9.12	-0.003	11.45
3/22/2013 5:00	32064	12.48	317.7	26.43	18.89	9.65	317.1	29.84	15.31	58.09	56.85	29.02	26.06	0	0.001	25.97	9.11	-0.006	11.36
3/22/2013 6:00	32065	4.818	281.8	35.1	13.52	1.931	274.5	40.29	9.95	50.56	47.88	36.88	35.06	0	0.001	25.99	9.1	-0.01	11.61
3/22/2013 7:00	32066	9.89	355.2	16.87	17.1	6.534	354.8	15.83	13.52	53.04	50.85	29.51	27.48	0	0	25.99	9.09	-0.013	15.22
3/22/2013 8:00	32067	13.71	31.98	12.78	22.47	8.3	29.21	13.65	18.89	47.93	47.68	45.55	39.38	0	0.965	26.01	9.08	-0.009	12
3/22/2013 9:00	32068	15.94	41.85	10.42	24.26	9.04	35.47	11.32	22.47	45.62	45.66	70.39	61.13	0	98.8	26.04	9.24	0.162	15.26
3/22/2013 10:00	32069	19.41	51.71	10.23	27.84	11.12	44.39	14.99	22.47	46.58	47.15	82.6	71.25	0	246.8	26.06	9.24	0	11.63
3/22/2013 11:00	32070	18.46	51.07	11.15	29.63	10.69	44.52	14.57	22.47	48.72	49.45	79.39	68.98	0	396.8	26.09	9.24	0.003	11.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/22/2013 12:00	32071	14.56	65.1	12.19	22.47	9.59	59.47	17.4	18.89	49.84	51.86	74.35	63.17	0	639.7	26.14	9.24	-0.002	14.72
3/22/2013 13:00	32072	12.36	46.31	17.09	20.68	7.907	40.75	19.13	17.1	52.49	54.47	65.75	56.83	0	903	26.18	9.24	-0.001	11.66
3/22/2013 14:00	32073	11.23	47.45	16.64	18.89	7.147	41.69	18.79	17.1	55.25	57.03	59.57	52.3	0	912	26.19	9.24	0	16.49
3/22/2013 15:00	32074	6.882	46.73	35.98	13.52	5.053	40.16	39.89	11.74	60.7	62.29	47.87	43.88	0	943	26.19	9.23	-0.006	12.62
3/22/2013 16:00	32075	6.106	49.83	32.9	13.52	4.213	41.48	33.12	11.74	62.82	63.89	41.68	38.99	0	607.6	26.16	9.23	-0.003	15.41
3/22/2013 17:00	32076	7.469	87.1	30.76	13.52	5.566	82	40.7	11.74	66.63	68.11	34.98	32.42	0	757.9	26.13	9.22	-0.007	13.24
3/22/2013 18:00	32077	5.867	84.2	36.78	13.52	4.398	76.56	48.08	13.52	69.47	70.49	30.4	28.35	0	571.1	26.12	9.21	-0.009	16.19
3/22/2013 19:00	32078	7.566	106.9	28.33	15.31	5.354	105.4	35.55	13.52	69.46	70.51	29.09	26.59	0	316	26.1	9.2	-0.01	12.83
3/22/2013 20:00	32079	10.17	119.2	9.76	17.1	6.635	119	16.85	13.52	65.89	65.79	33.46	31.25	0	59.76	26.08	9.19	-0.011	11.94
3/22/2013 21:00	32080	11.31	110.2	9.07	20.68	7.65	107.8	15.77	17.1	63.03	62.7	38.05	35.69	0	0.595	26.05	9.19	-0.008	11.91
3/22/2013 22:00	32081	16.38	136.7	14.37	29.63	10.31	138.9	20.37	20.68	60.93	60.55	43.41	40.27	0	0.008	26.04	9.18	-0.009	15.92
3/22/2013 23:00	32082	13.77	136.3	37.2	29.63	8.61	137.7	40.47	18.89	57.66	57.28	51.08	46.53	0	0.004	26.04	9.16	-0.016	11.93
3/23/2013 0:00	32083	11.6	81	34.75	20.68	7.328	76.86	39.12	15.31	55.72	55.32	54.7	49.5	0	0.001	26.06	9.14	-0.017	15.95
3/23/2013 1:00	32084	11.3	89.8	19.64	24.26	7.21	86.6	24.89	17.1	51.66	51.25	64.11	57.12	0	0	26.05	9.14	-0.006	11.95
3/23/2013 2:00	32085	8.86	86.8	23.74	13.52	5.71	81.3	27.64	11.74	49.26	48.73	69.86	62.04	0	0	26.04	9.13	-0.003	15.59
3/23/2013 3:00	32086	7.447	68.77	24.22	13.52	4.621	66.52	30.97	11.74	47.1	46.73	75.35	66.21	0	0	26.03	9.13	-0.006	11.99
3/23/2013 4:00	32087	8.2	80.1	18.42	11.74	5.273	77.6	23.39	9.95	44.74	44.23	80.4	70.36	0	0	26.02	9.13	-0.002	15.34
3/23/2013 5:00	32088	8.87	75.88	19.98	15.31	5.576	72.82	24.59	11.74	42.43	41.87	84.3	73.56	0	0	25.99	9.13	-0.002	12.01
3/23/2013 6:00	32089	7.298	78.94	31.59	11.74	4.569	75.17	37.23	9.95	41.26	40.63	87	75.78	0	0	25.97	9.12	-0.006	12.04
3/23/2013 7:00	32090	4.141	3.814	37.78	11.74	2.556	347.7	34.33	9.95	39.53	39.11	89	76.53	0	0	25.97	9.12	0	15.28
3/23/2013 8:00	32091	2.657	38.38	38.22	9.95	1.281	37.64	44.72	6.368	38.54	36.97	90.5	78.5	0	1.835	25.97	9.12	-0.003	12.04
3/23/2013 9:00	32092	2.315	90.8	49.61	4.578	1.088	123.1	41.07	4.578	40.99	40.38	85.7	74.85	0	109.1	25.98	9.12	0	14.31
3/23/2013 10:00	32093	5.155	208.9	14.91	15.31	4.029	212.1	17.22	11.74	48.23	48.69	74.11	64.17	0	347.8	26.03	9.11	-0.009	11.95
3/23/2013 11:00	32094	9.79	228.2	11.61	17.1	7.594	228.2	13.47	15.31	56.42	57.01	53.47	47.96	0	579.2	26.09	9.1	-0.003	12.01
3/23/2013 12:00	32095	21.28	264.4	13.21	38.57	14.36	265	17.09	29.63	67.86	68.55	25.08	22.69	0	769.7	26.13	9.1	-0.005	11.99
3/23/2013 13:00	32096	19.43	262.1	13.43	31.42	12.97	263	18.39	27.84	70.41	71.56	19.12	15.97	0	913	26.14	9.09	-0.011	11.98
3/23/2013 14:00	32097	20.28	268	15.47	34.99	14.16	269.2	18.86	31.42	72.01	73.31	15.82	12.4	0	967	26.14	9.08	-0.01	16.69
3/23/2013 15:00	32098	21.93	265.4	14.39	36.78	14.86	266.1	17.71	31.42	73.1	74.51	13.53	9.87	0	973	26.12	9.06	-0.016	16.08
3/23/2013 16:00	32099	22.75	263.6	15.12	45.73	15.14	264.8	19.12	36.78	74.53	75.82	10.21	6.412	0	902	26.09	9.05	-0.016	16.77
3/23/2013 17:00	32100	24.74	264.4	13.92	45.73	16.43	265.5	18.11	36.78	74.77	75.8	6.956	2.665	0	752.6	26.07	9.02	-0.022	14.85
3/23/2013 18:00	32101	25.67	268.5	13.49	45.73	17.63	268.8	16.84	34.99	74.33	75.03	6.672	2.261	0	548.3	26.06	8.99	-0.035	11.92
3/23/2013 19:00	32102	24.56	267.5	11.87	42.15	16.56	268.6	14.84	29.63	74.1	74.31	6.253	2.154	0	276.9	26.06	8.95	-0.041	16.71
3/23/2013 20:00	32103	27.88	300.2	35.61	51.1	21	298.9	33.91	43.94	70.57	70.43	4.309	1.695	0	46.86	26.08	8.92	-0.028	12.84
3/23/2013 21:00	32104	28.95	345.3	9.74	51.1	21.99	340.7	14.69	40.36	57.9	57.96	10.06	3.584	0	0.505	26.14	8.88	-0.039	14.9
3/23/2013 22:00	32105	29.94	351.9	11.98	47.52	21.37	347.3	16.48	36.78	50.79	50.9	10.94	3.799	0	0	26.17	8.85	-0.035	11.61
3/23/2013 23:00	32106	26.58	16.06	11.12	42.15	16.69	10.73	16.22	33.21	42.38	42.7	41.58	34.42	0	0	26.22	8.82	-0.025	14.72
3/24/2013 0:00	32107	26.16	20.89	9.07	40.36	15.91	16.55	14.34	34.99	37.27	37.53	57.37	48.54	0	0	26.24	8.81	-0.007	16.38
3/24/2013 1:00	32108	25.73	19.37	9.33	54.68	15.73	14.9	14.75	47.52	32.51	32.74	58.04	48.63	0	0	26.24	8.8	-0.016	11.68
3/24/2013 2:00	32109	23	21.73	9.69	36.78	13.9	17.03	14.5	31.42	30.18	30.33	57.47	47.97	0	0	26.24	8.79	-0.01	15.19
3/24/2013 3:00	32110	17.37	21.32	11.11	34.99	10.61	16.83	15.51	27.84	28.51	28.61	57.32	47.65	0	0	26.27	8.78	-0.009	15.72
3/24/2013 4:00	32111	9.51	4.23	16.43	22.47	6.437	358.8	19.95	17.1	27.36	27.45	57.27	47.42	0	0	26.3	8.77	-0.009	15.76
3/24/2013 5:00	32112	7.53	335.8	8.41	11.74	6.201	330.6	9.98	11.74	25.83	25.85	59.75	49.4	0	0	26.3	8.76	-0.008	11.47
3/24/2013 6:00	32113	6.411	330.5	10.19	9.95	4.82	327.2	11.23	9.95	25.16	25.03	59.06	49.08	0	0	26.3	8.76	0	15.44
3/24/2013 7:00	32114	6.409	317.2	10.05	9.95	4.393	316	11.7	8.16	24.36	23.95	59.49	49.69	0	0	26.3	8.76	0.001	16.45
3/24/2013 8:00	32115	5.727	300.8	10.03	8.16	3.269	307.2	9.77	6.368	22.89	21.98	60.14	50.88	0	2.13	26.32	8.76	0	11.81

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/24/2013 9:00	32116	4.452	296	11.74	8.16	3.337	294.8	14.4	6.368	24.61	24.65	56.65	46.61	0	117.2	26.33	8.76	0	12.39
3/24/2013 10:00	32117	10.45	353.8	28.64	18.89	7.521	349.6	30.47	17.1	28.81	29.79	50.07	41.02	0	356.5	26.37	8.76	0.001	16.44
3/24/2013 11:00	32118	10.44	15.19	17.43	18.89	7.021	11.1	21.34	15.31	31.64	33.09	45.76	37.58	0	588.7	26.41	8.76	0	14.12
3/24/2013 12:00	32119	7.746	22.18	27.1	15.31	5.372	15.26	30.07	13.52	35.92	37.42	39.05	32.67	0	795.3	26.45	8.76	-0.003	16.26
3/24/2013 13:00	32120	6.022	19.62	40.43	15.31	4.464	14.04	41.83	11.74	40.45	41.71	32.41	27.03	0	942	26.47	8.74	-0.023	11.89
3/24/2013 14:00	32121	4.915	87.2	52.28	13.52	3.798	77.15	61.86	9.95	45.03	45.92	26.74	21.88	0	1017	26.46	8.73	-0.005	16.25
3/24/2013 15:00	32122	3.893	17.17	73.26	9.95	3.174	3.601	72.64	8.16	49.07	49.16	22.46	17.99	0	1017	26.44	8.73	-0.003	11.95
3/24/2013 16:00	32123	4.181	337.4	62.08	11.74	3.433	327.1	60.5	9.95	51.89	51.54	19.61	15.03	0	941	26.42	8.72	-0.006	11.94
3/24/2013 17:00	32124	5.056	34.61	55.85	9.95	3.863	27.3	55.64	8.16	51.84	52.32	19.04	13.99	0	794.8	26.38	8.71	-0.01	11.92
3/24/2013 18:00	32125	5.262	97.7	62.4	13.52	3.945	95.4	65.87	11.74	52.64	53.39	18.63	13.04	0	592.5	26.34	8.7	-0.01	15.46
3/24/2013 19:00	32126	8.24	120.4	25.54	15.31	5.961	119.8	32.38	15.31	50.63	51.86	20.19	13.89	0	356.1	26.31	8.68	-0.029	11.54
3/24/2013 20:00	32127	9.1	117.9	12.84	15.31	6.114	116	19.28	11.74	48.59	48.8	21.53	15.61	0	114.7	26.28	8.67	-0.007	15.73
3/24/2013 21:00	32128	8.06	113.9	7.195	11.74	4.538	112.2	14.68	8.16	44.27	43.2	24.92	19.58	0	1.4	26.25	8.66	-0.009	15.95
3/24/2013 22:00	32129	8.77	108.9	7.125	13.52	5.222	105.9	13.81	9.95	41.28	40.16	27.32	21.88	0	0	26.24	8.65	-0.007	15.54
3/24/2013 23:00	32130	9.53	116.2	6.556	13.52	5.497	113.9	14.19	9.95	39.73	38.58	28.96	23.67	0	0	26.25	8.65	-0.006	11.95
3/25/2013 0:00	32131	10.52	115.1	6.376	15.31	6.252	112.7	15.07	11.74	38.18	37.17	30.41	24.95	0	0	26.25	8.64	-0.003	12.19
3/25/2013 1:00	32132	9.48	106.8	8.66	27.84	6.041	103.6	14.77	13.52	36.64	35.81	31.19	25.4	0	0	26.26	8.64	-0.006	11.41
3/25/2013 2:00	32133	10.93	84.1	13.88	17.1	6.876	77.69	19.58	11.74	34.05	33.31	33.32	27.23	0	0	26.28	8.63	-0.008	15.54
3/25/2013 3:00	32134	15.33	71.57	6.271	22.47	10.22	65.5	12.73	17.1	32.65	32.17	34.77	28.37	0	0	26.3	8.62	-0.009	13.49
3/25/2013 4:00	32135	16.78	70.54	7.44	27.84	11.25	65.28	13.08	20.68	31.38	31.03	36.52	29.86	0	0	26.31	8.61	-0.006	12.45
3/25/2013 5:00	32136	14.78	64.3	8.79	26.05	9.72	59.31	13.43	18.89	29.23	28.95	40.55	33.43	0	0	26.32	8.6	-0.01	15.48
3/25/2013 6:00	32137	13.2	59.12	8.71	20.68	8.45	55.1	13.26	17.1	27.57	27.28	45.17	37.14	0	0	26.32	8.6	0	14.53
3/25/2013 7:00	32138	11.85	53.87	9.81	18.89	6.889	47.86	13.88	13.52	26.64	26.38	49.36	40.61	0	0	26.35	8.61	0.001	15.43
3/25/2013 8:00	32139	10.35	55.79	9.62	17.1	6.413	50.87	14.58	13.52	25.7	25.41	53.23	43.82	0	2.788	26.37	8.63	0.019	12.04
3/25/2013 9:00	32140	9.72	62.76	13.15	18.89	6.266	58.42	17.23	13.52	26.83	27.24	52.86	43.2	0	125.6	26.39	8.59	-0.032	16.29
3/25/2013 10:00	32141	12.94	85.5	10.31	20.68	8.69	80.9	17.73	15.31	32.21	33.6	45.22	36.74	0	364.5	26.44	8.59	0	11.94
3/25/2013 11:00	32142	10.66	95.4	13.49	18.89	7.887	93.4	21.17	15.31	36.96	38.75	36.85	29.74	0	595.6	26.5	8.58	-0.009	13.2
3/25/2013 12:00	32143	12	95.1	17.39	20.68	8.59	91.4	24.17	17.1	40.44	42.77	30.32	23.28	0	801	26.54	8.58	-0.008	16.25
3/25/2013 13:00	32144	10.64	118.2	28.54	18.89	7.787	118.2	35.49	15.31	43	45.33	26.97	19.94	0	945	26.55	8.57	-0.011	12.36
3/25/2013 14:00	32145	8.89	117.1	34.98	24.26	6.639	115.2	41.81	20.68	45.99	47.96	25.06	18.58	0	1018	26.55	8.56	-0.005	15.94
3/25/2013 15:00	32146	8.55	142.1	39.3	22.47	6.292	147.3	47.81	20.68	48.11	50	23.69	17.14	0	1017	26.54	8.55	-0.013	16.3
3/25/2013 16:00	32147	6.719	166.9	56.72	17.1	5.254	174.5	58.32	15.31	50.63	51.53	22.32	16.41	0	941	26.53	8.54	-0.006	15.33
3/25/2013 17:00	32148	7.243	151.1	51.26	17.1	5.454	155.8	59.92	13.52	51.5	52.7	21.13	15.01	0	794.8	26.51	8.53	-0.01	15.6
3/25/2013 18:00	32149	6.999	143.2	37.05	15.31	5.211	143.6	43.66	11.74	51.76	52.89	20.74	14.56	0	593.5	26.5	8.52	-0.013	11.99
3/25/2013 19:00	32150	7.775	120.5	24.93	15.31	5.778	119.5	29.23	11.74	51.25	52.19	21.14	15.01	0	357.2	26.49	8.5	-0.022	16.47
3/25/2013 20:00	32151	9.29	119.4	15.57	15.31	6.172	118.3	21.76	11.74	49.51	49.73	22.33	16.46	0	116.8	26.47	8.49	-0.011	14.8
3/25/2013 21:00	32152	8.13	93.9	12.28	13.52	4.884	89.2	17.84	9.95	45.07	44.06	25.37	19.93	0	1.46	26.46	8.46	-0.024	11.98
3/25/2013 22:00	32153	10.72	86.9	6.083	15.31	6.45	84.9	13.68	11.74	41.44	40.58	29.25	23.54	0	0	26.45	8.46	-0.004	15.53
3/25/2013 23:00	32154	9.9	88.3	5.768	15.31	5.713	85.7	13	9.95	39.07	38.08	31.96	26.34	0	0	26.45	8.45	-0.006	12.09
3/26/2013 0:00	32155	10.04	87.9	6.035	15.31	5.852	85.7	13.67	9.95	37.55	36.49	33.55	27.95	0	0	26.46	8.45	-0.006	15.06
3/26/2013 1:00	32156	9.82	92	7.198	24.26	6.06	88.9	14.01	15.31	36.37	35.47	36.29	30.52	0	0	26.46	8.44	-0.006	12.02
3/26/2013 2:00	32157	9.31	101.8	7.946	15.31	6.062	97.7	14.15	9.95	35.5	34.48	38.32	32.68	0	0	26.46	8.44	-0.005	14.72
3/26/2013 3:00	32158	10.12	110.1	7.016	15.31	6.414	107.5	14.41	11.74	35.47	34.66	39.49	33.71	0	0	26.46	8.43	-0.007	11.88
3/26/2013 4:00	32159	9.64	112.6	7.623	13.52	5.991	109.3	14.95	11.74	33.68	32.88	42.66	36.28	0	0	26.45	8.43	-0.002	15.74
3/26/2013 5:00	32160	10.56	118.3	7.291	15.31	6.477	116.7	14.96	11.74	32.43	31.59	45.16	38.4	0	0	26.44	8.42	-0.003	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/26/2013 6:00	32161	10.61	127	7.139	15.31	6.356	125.8	14.25	11.74	32.3	31.44	45.2	38.54	0	0	26.43	8.42	-0.003	15.91
3/26/2013 7:00	32162	9.75	131.3	7.203	13.52	5.614	130.1	13.77	9.95	31.85	30.89	45.42	38.84	0	0	26.43	8.41	-0.006	16.43
3/26/2013 8:00	32163	10.01	139.2	7.112	15.31	5.899	138.8	13.38	11.74	31.8	30.83	45.8	39.15	0	3.215	26.44	8.41	-0.003	15.17
3/26/2013 9:00	32164	11.93	144.1	8.12	20.68	7.716	145.4	13.41	13.52	33.8	33.99	43.02	35.71	0	130.9	26.45	8.41	-0.003	11.82
3/26/2013 10:00	32165	15.12	160.9	11.23	26.05	9.69	162.3	15.86	18.89	39.92	40.94	35.46	28.71	0	366.9	26.5	8.4	-0.006	12
3/26/2013 11:00	32166	18.6	170.1	10.34	27.84	11.87	172.1	15.87	20.68	44.03	45.58	30.02	23.22	0	596.4	26.54	8.4	-0.006	11.99
3/26/2013 12:00	32167	19.77	177	12.12	29.63	12.99	179.5	16.89	24.26	47.92	49.84	26.08	19.29	0	803	26.55	8.38	-0.014	15.52
3/26/2013 13:00	32168	18.44	179.2	12.62	31.42	12.34	182.3	17.4	24.26	51.87	54.15	24.02	17.37	0	945	26.56	8.36	-0.017	16.05
3/26/2013 14:00	32169	17.64	185.4	12.87	27.84	12.04	188.9	17.16	22.47	55.05	57.48	22.47	16.06	0	1019	26.55	8.35	-0.016	16.05
3/26/2013 15:00	32170	18.54	180.7	12.35	27.84	12.44	183.8	17.14	22.47	57.61	60.15	20.8	14.56	0	1008	26.54	8.34	-0.014	15.52
3/26/2013 16:00	32171	19.1	181.1	11.98	29.63	12.69	183.3	16.89	24.26	59.9	62.14	19.24	13.32	0	865	26.51	8.31	-0.023	11.43
3/26/2013 17:00	32172	19.04	178.3	12.06	29.63	12.5	180.4	17	22.47	61.46	63.42	18.15	12.48	0	719.8	26.48	8.3	-0.016	11.89
3/26/2013 18:00	32173	17.4	183.1	11.98	36.78	11.65	185.7	16.23	29.63	62.9	64.5	16.88	11.45	0	578.2	26.45	8.27	-0.028	15.55
3/26/2013 19:00	32174	16.78	171.8	9.23	26.05	10.64	173.6	14.95	22.47	62.36	62.99	17	11.98	0	246.5	26.42	8.26	-0.012	11.81
3/26/2013 20:00	32175	14.24	164.7	9.06	22.47	8.91	166.6	14.48	18.89	60.4	60.11	18.45	13.84	0	45.51	26.4	8.23	-0.022	16.09
3/26/2013 21:00	32176	13.63	160.5	7.558	22.47	8.46	161.7	12.87	17.1	57.54	56.94	21.1	16.51	0	0.523	26.38	8.2	-0.031	12.51
3/26/2013 22:00	32177	12.14	157.3	7.933	20.68	7.39	158.3	13.11	15.31	54.51	53.64	25.02	20.54	0	0.004	26.37	8.19	-0.012	16.43
3/26/2013 23:00	32178	15.6	164.7	8.02	26.05	9.59	166	13.54	18.89	53.02	52.43	28.23	23.66	0	0.001	26.36	8.19	-0.006	12
3/27/2013 0:00	32179	15.54	169	8.05	24.26	9.51	170.6	14.13	18.89	51.5	50.94	31.39	26.83	0	0.001	26.36	8.18	-0.01	12.67
3/27/2013 1:00	32180	15.46	175.7	8.18	27.84	9.53	178.8	13.93	20.68	50.05	49.46	34.9	30.44	0	0.001	26.35	8.17	-0.01	11.83
3/27/2013 2:00	32181	13.51	176.7	8.72	20.68	8.28	178.9	14.42	15.31	48.12	47.39	39.26	34.8	0	0.001	26.33	8.16	-0.01	15.16
3/27/2013 3:00	32182	11.02	177.8	9.16	17.1	6.577	181	14.6	13.52	46.16	45.27	43.67	38.7	0	0	26.31	8.15	-0.009	11.7
3/27/2013 4:00	32183	9.73	188	8.15	15.31	5.82	192.3	13.28	9.95	44.6	43.58	47.51	42.07	0	0	26.29	8.14	-0.004	12.04
3/27/2013 5:00	32184	9.16	184.2	7.599	15.31	5.237	189.1	12.98	9.95	43.2	42.06	51.92	45.93	0	0	26.26	8.14	-0.003	15.82
3/27/2013 6:00	32185	6.126	188.1	10.61	9.95	2.868	195.7	14.65	6.368	41.72	39.88	56.83	50.86	0	0	26.25	8.14	-0.003	11.98
3/27/2013 7:00	32186	5.091	192.3	7.292	8.16	1.646	195.8	9.69	4.578	40.19	37.76	60.85	55.18	0	0	26.24	8.14	-0.003	11.99
3/27/2013 8:00	32187	4.484	199.4	12.23	8.16	1.049	203.9	12.27	4.578	38.44	36.11	65.29	58.68	0	4.41	26.24	8.13	-0.003	14.86
3/27/2013 9:00	32188	5.458	199.8	11.49	17.1	2.944	205.7	14.79	11.74	40.77	40.55	63.99	54.64	0	128.9	26.26	8.13	-0.007	12.03
3/27/2013 10:00	32189	11.98	192.2	10.12	18.89	8.39	196	14	15.31	49.04	49.84	51.66	44.46	0	365.9	26.32	8.12	-0.006	12.04
3/27/2013 11:00	32190	11.44	198.5	12.22	17.1	8.33	200.9	15.82	13.52	54.38	55.55	42.2	36.75	0	553.7	26.37	8.11	-0.009	11.65
3/27/2013 12:00	32191	9.84	202.2	14.14	17.1	7.496	205.9	17.22	15.31	60.51	61.71	33.43	29.15	0	772.7	26.41	8.11	-0.005	16.61
3/27/2013 13:00	32192	10.13	208.1	15.83	17.1	7.828	210.7	17.88	13.52	66.45	67.69	26.53	22.74	0	884	26.44	8.1	-0.008	15.93
3/27/2013 14:00	32193	11.3	209.2	15.64	20.68	8.78	211.3	17.77	17.1	71	72.32	21.41	17.98	0	966	26.44	8.09	-0.007	12.06
3/27/2013 15:00	32194	10.57	210.2	21.4	18.89	8.2	213.5	22.59	17.1	75.37	76.63	16.54	13.38	0	943	26.43	8.08	-0.011	16.44
3/27/2013 16:00	32195	11.49	199.9	17.36	18.89	8.52	201.1	19.79	17.1	77.83	79.5	14.19	10.88	0	910	26.42	8.07	-0.016	12.03
3/27/2013 17:00	32196	13.41	195.5	15.98	24.26	9.53	198	18.96	18.89	77.69	79.34	14.53	11.17	0	670.8	26.4	8.05	-0.019	11.88
3/27/2013 18:00	32197	14.13	194.2	11.2	24.26	9.71	197	15.28	17.1	76.06	77.01	15.63	12.52	0	343.7	26.38	8.02	-0.031	11.74
3/27/2013 19:00	32198	13.06	191.3	15.91	20.68	8.97	194.2	19.42	17.1	76.45	77.12	15.17	12.16	0	304.7	26.36	8	-0.016	15.98
3/27/2013 20:00	32199	11.04	185.2	9.32	18.89	6.845	187.5	14.36	13.52	74.62	74.33	16.18	13.6	0	95.4	26.35	7.978	-0.022	16.04
3/27/2013 21:00	32200	11.16	169.8	8.3	18.89	6.373	170.9	13.55	15.31	69.27	68.18	23.89	21.65	0	1.049	26.33	7.968	-0.01	14.52
3/27/2013 22:00	32201	11.1	163.4	8.81	17.1	6.572	164.6	14.14	11.74	65.43	64.4	32.39	30.31	0	0.008	26.33	7.955	-0.012	16.65
3/27/2013 23:00	32202	12.71	177.8	7.805	20.68	7.731	180.5	13.64	15.31	62.07	61.26	43.07	40.31	0	0.002	26.34	7.946	-0.01	11.66
3/28/2013 0:00	32203	14.24	182.8	8.6	24.26	8.98	186.2	13.92	17.1	58.58	57.96	53.97	49.36	0	0.002	26.34	7.937	-0.009	15.69
3/28/2013 1:00	32204	11.51	192.1	8.97	26.05	7.406	195.6	13.58	20.68	55.38	54.75	63.74	57.65	0	0	26.33	7.904	-0.034	14.96
3/28/2013 2:00	32205	12.05	191.8	10.22	18.89	7.814	195.8	14.62	13.52	53.61	53	70.99	63.8	0	0	26.31	7.898	-0.006	11.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/28/2013 3:00	32206	9.78	200	12.58	15.31	6.365	203.8	15.17	11.74	52.08	51.43	76.04	68.09	0	0	26.31	7.895	-0.003	14.58
3/28/2013 4:00	32207	9.44	197.9	7.788	15.31	6.043	200.8	11.93	11.74	50.5	49.71	81.7	72.98	0	0	26.3	7.891	-0.003	16.63
3/28/2013 5:00	32208	7.09	213.5	12.48	11.74	4.486	219.2	16.29	8.16	49.07	48.31	86.6	76.78	0	0	26.28	7.888	-0.003	12.47
3/28/2013 6:00	32209	5.673	236.6	7.895	8.16	2.554	249.1	14.2	4.578	47.28	45.41	90.5	80.3	0	0	26.28	7.886	-0.002	12.02
3/28/2013 7:00	32210	5.628	243.1	11.6	8.16	2.623	259.8	16.51	4.578	46.04	43.89	95.2	83.8	0	0	26.26	7.888	0.001	16.26
3/28/2013 8:00	32211	5.987	270	15.73	8.16	3.571	280	20.29	6.368	45.89	43.89	96.4	85.1	0	3.175	26.27	7.887	0	15.41
3/28/2013 9:00	32212	5.621	263	20.58	11.74	3.972	265	24.92	9.95	47.34	46.53	94.8	83.8	0	80.3	26.29	7.886	-0.001	15.39
3/28/2013 10:00	32213	6.88	231.8	19.55	13.52	5.584	232.4	19.43	9.95	51.42	51.55	86.3	76.17	0	253.4	26.33	7.882	-0.004	12.01
3/28/2013 11:00	32214	7.032	230.4	19.19	11.74	5.879	231.5	20.8	9.95	57.72	58.04	71.5	63.68	0	570.7	26.38	7.876	-0.006	11.99
3/28/2013 12:00	32215	3.81	262.3	51.05	9.95	3.231	260.6	46.4	9.95	67.15	67.15	48.64	46.2	0	685	26.44	7.874	-0.003	15.82
3/28/2013 13:00	32216	3.062	44.66	58.35	8.16	2.333	29.42	65.43	6.368	77.09	77.08	29.19	29.91	0	873	26.48	7.873	-0.001	11.66
3/28/2013 14:00	32217	4.854	26.47	42.51	9.95	3.65	15.86	46.23	9.95	81.4	82.4	16.67	15.64	0	968	26.49	7.872	0	16.03
3/28/2013 15:00	32218	6.16	95.1	70.58	15.31	4.699	88.3	76.28	13.52	82.9	83.7	14.02	12.44	0	905	26.48	7.866	-0.006	11.91
3/28/2013 16:00	32219	9.56	204.3	40.83	18.89	7.406	207.4	41.39	15.31	83.2	84.4	11.59	8.74	0	903	26.46	7.847	-0.019	16.26
3/28/2013 17:00	32220	5.872	179.7	67.01	15.31	4.503	184.6	65.18	11.74	83.3	83.7	12.06	9.65	0	580.8	26.43	7.825	-0.022	16.23
3/28/2013 18:00	32221	9.17	191.9	19.08	17.1	6.814	194.9	23.91	13.52	82.6	83.6	12.88	9.98	0	490.2	26.41	7.809	-0.016	15.85
3/28/2013 19:00	32222	6.811	172.1	26.99	13.52	4.786	174.1	31.74	9.95	80.7	80.9	14.27	11.82	0	174.9	26.39	7.791	-0.018	16.44
3/28/2013 20:00	32223	7.884	203	16.3	13.52	5	203.2	18.43	11.74	79.27	78.61	14.95	13.01	0	72.87	26.38	7.772	-0.019	13.43
3/28/2013 21:00	32224	4.98	181.3	23.02	8.16	1.983	132.9	45.11	4.578	73.89	70.22	17.59	17.57	0	0.936	26.36	7.761	-0.011	16.66
3/28/2013 22:00	32225	6.184	179.5	22.38	11.74	3.035	175.8	30.4	9.95	68.51	66.31	29.89	28.24	0	0.006	26.35	7.756	-0.006	15.62
3/28/2013 23:00	32226	11.2	169.5	10.48	24.26	6.654	170.6	16.61	18.89	66.12	65.06	51.41	48.62	0	0.004	26.36	7.746	-0.009	11.92
3/29/2013 1:00	32227	11.47	179.8	10.43	26.05	7.142	182.9	15.7	15.31	61.01	60.37	71.27	65.29	0	0.002	26.37	7.728	-0.019	11.83
3/29/2013 2:00	32228	7.209	183.1	9.91	11.74	4.207	185.9	15.35	9.95	57.44	56.48	82.3	74.86	0	0.001	26.36	7.723	-0.005	16.37
3/29/2013 3:00	32229	6.457	185.5	8.23	9.95	3.169	191.8	13.18	6.368	55.17	53.76	88.5	80.5	0	0	26.34	7.72	-0.003	11.87
3/29/2013 4:00	32230	5.528	205.8	12.62	8.16	2.83	211.6	18.47	6.368	54.39	53.03	91.4	82.9	0	0	26.33	7.72	0	11.87
3/29/2013 5:00	32231	3.14	192.1	38.13	6.368	1.16	135.6	52.8	4.578	53.79	52	94.1	85	0	0	26.31	7.717	-0.003	15.77
3/29/2013 6:00	32232	5.337	175.9	6.251	8.16	1.571	147.2	14.28	4.578	53.13	50.13	96.6	87.9	0	0	26.31	7.717	0	14.89
3/29/2013 7:00	32233	4.069	219.8	35.63	8.16	1.496	281	33.1	4.578	52.22	49.48	98.5	89.9	0	0	26.3	7.714	-0.003	11.82
3/29/2013 8:00	32234	4.438	188	27.46	8.16	1.673	163.7	42.91	4.578	51.15	48.85	99.3	90.6	0	2.215	26.31	7.714	0	11.76
3/29/2013 9:00	32235	4.908	195.9	22.75	9.95	2.656	197.4	34.25	8.16	51.66	50.62	99.9	91.7	0	49.57	26.33	7.714	0	11.84
3/29/2013 10:00	32236	10.34	195.3	10	15.31	7.286	199.5	13.65	11.74	55.28	55.51	96.7	89.8	0	150.7	26.37	7.714	0	16.37
3/29/2013 11:00	32237	8.6	192.7	14.58	15.31	6.385	196	18.48	13.52	59.36	60.11	84.9	75.71	0	389.8	26.39	7.711	-0.002	16.18
3/29/2013 12:00	32238	6.837	213.6	21.37	11.74	5.468	215.2	24.42	9.95	66.56	67.21	66.48	60.32	0	704	26.43	7.706	-0.005	11.88
3/29/2013 13:00	32239	6.298	217.7	29.91	11.74	5.105	218.6	32.28	9.95	72.43	72.94	49.06	46.39	0	732.6	26.47	7.705	0	11.89
3/29/2013 14:00	32240	9.28	252.3	30.2	24.26	7.635	251.6	31.3	20.68	76.55	76.82	31.83	31.23	0	507.7	26.47	7.702	-0.004	14.67
3/29/2013 15:00	32241	9.41	283.5	30.58	22.47	7.925	283.3	32.85	18.89	79.19	79.64	22.27	21.04	0	593.5	26.44	7.693	-0.009	14.76
3/29/2013 16:00	32242	8.87	263.7	30.11	24.26	7.225	261.9	33.73	17.1	82.9	83.4	13.79	11.72	0	714.9	26.43	7.676	-0.017	11.85
3/29/2013 17:00	32243	11.82	239.1	17.94	20.68	9.61	238.4	18.89	18.89	81.5	82	11.64	9.04	0	464.3	26.41	7.641	-0.034	15.4
3/29/2013 18:00	32244	10.49	263.1	23.65	24.26	8.74	262.2	26.78	18.89	83.1	83.4	10.25	7.43	0	564.4	26.39	7.61	-0.032	15
3/29/2013 19:00	32245	10.96	266.1	20.19	20.68	8.96	264.8	21.42	18.89	81.1	81	10.74	8.09	0	163.1	26.37	7.591	-0.018	11.79
3/29/2013 20:00	32246	10.96	299.1	12.57	17.1	8.84	299.4	14.53	15.31	80.4	80	11.54	9.01	0	89.7	26.36	7.579	-0.013	11.75
3/29/2013 21:00	32247	8.96	336.2	14.79	20.68	6.299	336.7	16.86	17.1	75.57	74.3	15.81	13.9	0	2.023	26.36	7.563	-0.016	14.98
3/29/2013 22:00	32248	12	274.1	38.09	60.04	8.92	262.6	33.68	47.52	75.73	74.23	15.73	13.92	0	0.022	26.35	7.552	-0.011	15.37
3/29/2013 23:00	32249	12.28	187	15.27	20.68	7.764	190.7	18.52	17.1	68.71	67.97	45.05	42.53	0	0.036	26.37	7.543	-0.009	13.39
3/30/2013 0:00	32250	9.9	190.2	9.28	18.89	6.135	194.2	14.04	13.52	64.18	63.36	64.33	59.9	0	0.008	26.37	7.534	-0.009	15.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/30/2013 1:00	32251	7.418	204.5	16.89	22.47	4.447	208.5	23.07	11.74	60.92	59.82	75.85	69.85	0	0.001	26.36	7.528	-0.006	16.95
3/30/2013 2:00	32252	6.318	205.5	10.99	9.95	3.396	211.6	15.65	6.368	58.06	56.55	84	76.65	0	0	26.34	7.514	-0.014	11.69
3/30/2013 3:00	32253	5.745	215.6	12	9.95	3.077	224.9	16.89	6.368	56.17	54.51	90	82.1	0	0.001	26.32	7.511	-0.003	16.87
3/30/2013 4:00	32254	5.598	239.9	14.66	8.16	2.896	257.4	21.28	4.578	54.33	52.5	95.1	84.7	0	0.036	26.31	7.508	-0.003	14.37
3/30/2013 5:00	32255	5.886	251.8	6.792	8.16	3.188	263.3	10.45	4.578	53.18	51.3	98.9	88	0	0.077	26.3	7.508	0	15.42
3/30/2013 6:00	32256	5.372	268.3	15.21	8.16	3.031	289.8	18.34	6.368	53.13	50.46	99.9	89.8	0	0.03	26.29	7.504	-0.003	11.98
3/30/2013 7:00	32257	7.047	289.9	13.35	11.74	3.941	289.8	19.08	6.368	52	49.3	99.9	90.5	0	0.024	26.29	7.504	0	11.78
3/30/2013 8:00	32258	7.263	299.3	8.43	11.74	4.769	297.4	13	8.16	50.09	49	99.9	94.7	0	4.772	26.29	7.501	-0.003	11.8
3/30/2013 9:00	32259	7.58	305.6	6.422	9.95	5.904	305.6	8.2	8.16	51.22	50.94	99.9	99.9	0	126.9	26.31	7.501	0	12.19
3/30/2013 10:00	32260	6.824	298.3	14.52	9.95	5.932	299.7	16.2	9.95	53.77	53.66	98.3	99.9	0	335.2	26.34	7.488	-0.013	14.63
3/30/2013 11:00	32261	8.16	307.1	11.52	13.52	6.909	308.4	13.88	11.74	64.37	64.55	64.31	69.8	0	577.6	26.38	7.492	0.004	14.92
3/30/2013 12:00	32262	8.45	335.9	16.66	15.31	7.042	333.5	16.76	15.31	75.98	76.56	28.92	28.56	0	735.8	26.43	7.49	-0.002	11.82
3/30/2013 13:00	32263	8.57	1.937	18.82	15.31	6.204	358.2	24.04	13.52	80.4	82.1	14.21	12.3	0	860	26.46	7.489	-0.001	12.72
3/30/2013 14:00	32264	6.361	10.9	43.32	17.1	4.618	5.946	45.25	11.74	83.5	84.9	9.66	7.416	0	826	26.46	7.479	-0.01	14.9
3/30/2013 15:00	32265	7.9	315.8	51.27	17.1	6.499	315	52.82	17.1	84.5	85.2	8.18	5.477	0	899	26.44	7.47	-0.01	12.32
3/30/2013 16:00	32266	8.24	285.9	50.64	20.68	6.654	287.2	53.08	18.89	84.3	84.9	8.72	5.798	0	713.5	26.42	7.46	-0.01	11.78
3/30/2013 17:00	32267	8.89	315.9	27	20.68	7.39	313.5	28.48	17.1	83.5	84.1	8.63	5.621	0	464.8	26.39	7.444	-0.016	11.53
3/30/2013 18:00	32268	9.54	265.5	29.24	18.89	7.876	265.2	31.9	17.1	82.9	83.1	7.46	4.195	0	300	26.35	7.429	-0.015	15.47
3/30/2013 19:00	32269	7.573	268	32.31	15.31	6.211	267.6	34.34	13.52	82.1	82	7.645	4.479	0	179.7	26.33	7.395	-0.035	12.41
3/30/2013 20:00	32270	7.054	256.2	10.92	13.52	5.16	255.5	11.38	9.95	79.7	78.99	8.95	6.158	0	44.81	26.32	7.379	-0.016	11.73
3/30/2013 21:00	32271	3.677	248.3	31	6.368	1.322	242.7	44.87	4.578	76	73.55	10.95	9.23	0	0.807	26.3	7.37	-0.009	14.48
3/30/2013 22:00	32272	1.591	285.2	20.18	4.578	0.368	23.46	16.84	2.789	73.06	69.72	13	13.09	0	0.011	26.29	7.362	-0.008	11.71
3/30/2013 23:00	32273	3.684	266.2	22.8	11.74	1.502	272.2	32.52	8.16	71.48	67.61	14.73	15.07	0	0.009	26.3	7.359	-0.003	11.73
3/31/2013 0:00	32274	10.7	254.1	20.47	33.21	8.04	253.4	23.02	27.84	75.11	73.96	14.05	11.88	0	0.013	26.31	7.34	-0.019	16.78
3/31/2013 1:00	32275	8.95	271.2	11.08	22.47	6.533	269.5	13.3	13.52	73.8	72.75	16.4	14.2	0	0.03	26.32	7.334	-0.007	11.72
3/31/2013 2:00	32276	12.56	270.9	11.71	22.47	9.64	269.5	13.64	18.89	74.95	74.06	15.44	13.14	0	0.027	26.32	7.324	-0.01	11.68
3/31/2013 3:00	32277	8.5	287.9	9.85	13.52	6.009	287.3	12.58	9.95	72.14	71.05	17.1	14.71	0	0.015	26.31	7.318	-0.006	16.7
3/31/2013 4:00	32278	5.301	259.7	14.44	9.95	2.712	256.1	20.83	6.368	68.56	66.72	20.17	18.25	0	0.009	26.29	7.312	-0.006	16.26
3/31/2013 5:00	32279	4.719	288.1	16.68	8.16	2.326	311	19.32	4.578	65.88	63.43	23.09	21.65	0	0.005	26.26	7.305	-0.006	11.88
3/31/2013 6:00	32280	8.1	306.7	16.64	13.52	5.146	308.5	19.76	9.95	66.24	64.34	23.38	21.76	0	0.002	26.25	7.299	-0.006	11.75
3/31/2013 7:00	32281	8.79	315.3	15.17	13.52	5.752	320.8	16.34	9.95	67.42	65.1	22.18	20.78	0	0.003	26.27	7.296	-0.003	11.74
3/31/2013 8:00	32282	15.92	350.6	10.85	31.42	11.59	346.4	13.37	27.84	64.55	63.88	26.96	23.98	0	2.966	26.29	7.29	-0.006	15.53
3/31/2013 9:00	32283	24.34	22.24	16.32	38.57	13.84	20.48	20.18	27.84	57.9	58.05	50.56	45.42	0	89.3	26.33	7.28	-0.009	11.25
3/31/2013 10:00	32284	25.63	48.13	11.17	40.36	14.7	43.82	12.9	29.63	56.2	56.82	67.7	60.19	0	386.5	26.35	7.255	-0.025	15.66
3/31/2013 11:00	32285	25.6	57.15	11.42	40.36	15.58	51.29	15.27	29.63	57.91	59.07	63.14	55.76	0	591.6	26.37	7.242	-0.013	11.48
3/31/2013 12:00	32286	23.24	64.49	11.35	34.99	15.37	59.74	15.95	29.63	60.15	62.02	59.23	51.88	0	773.9	26.41	7.229	-0.013	16.31
3/31/2013 13:00	32287	19.18	61.19	14.71	29.63	12.22	55.34	18.19	24.26	63.44	65.63	52.22	46.2	0	891	26.44	7.222	-0.007	11.75
3/31/2013 14:00	32288	14.16	57.81	18.61	24.26	9.07	53.21	21.88	18.89	67.01	69.43	45.2	40.95	0	987	26.46	7.211	-0.011	15.14
3/31/2013 15:00	32289	11.31	72.53	20.43	24.26	7.965	69.03	25.18	20.68	69.66	72.22	39.54	36.35	0	954	26.45	7.189	-0.022	11.72
3/31/2013 16:00	32290	7.766	53.9	38.47	20.68	5.354	48.67	44.21	17.1	72.7	74.62	34.32	32.57	0	879	26.44	7.176	-0.013	14.62
3/31/2013 17:00	32291	6.912	72.8	47.31	13.52	4.98	68.13	52.62	11.74	74.63	76.08	31.42	29.98	0	742	26.42	7.166	-0.01	12.35
3/31/2013 18:00	32292	4.554	26.74	41.82	11.74	3.401	18.89	49.05	11.74	76.15	76.7	28.22	27.32	0	557.4	26.4	7.153	-0.013	11.49
3/31/2013 19:00	32293	5.198	17.75	41.8	13.52	3.809	13.45	41.2	9.95	75.38	75.79	28.69	27.54	0	342.9	26.39	7.138	-0.015	16.46
3/31/2013 20:00	32294	4.075	31.15	37.85	9.95	2.88	28.11	40.96	8.16	73.86	73.54	29.73	28.88	0	121.6	26.37	7.125	-0.013	12.37
3/31/2013 21:00	32295	6.466	69.31	8.52	9.95	3.941	68.03	12.87	8.16	69.23	67.94	35.31	34.46	0	2.409	26.35	7.092	-0.033	16.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/31/2013 22:00	32296	7.49	82.5	5.976	9.95	3.834	77.93	12.7	6.368	65.36	63.28	40.31	39.7	0	0.003	26.34	7.083	-0.009	15.84
3/31/2013 23:00	32297	8.38	94.8	6.482	11.74	4.532	89	12.08	8.16	61.98	60	45.18	43.52	0	0	26.32	7.074	-0.009	12.47
4/1/2013 0:00	32298	10.47	115.9	8.74	15.31	6.279	112.9	16.34	11.74	61.22	59.94	48.78	46.03	0	0.001	26.32	7.068	-0.006	16.58
4/1/2013 1:00	32299	10.42	127.8	7.258	22.47	6.021	126.5	13.67	17.1	59.61	58.59	53.08	49.43	0	0.002	26.31	7.059	-0.01	12.29
4/1/2013 2:00	32300	10.05	125.3	6.882	15.31	5.918	123.8	13.84	11.74	58.26	57.24	57.33	53.06	0	0.001	26.3	7.054	-0.005	15.37
4/1/2013 3:00	32301	8.92	129.4	6.058	13.52	4.954	125.9	13.33	9.95	56.58	55.35	61.46	56.88	0	0	26.29	7.048	-0.006	16.03
4/1/2013 4:00	32302	8.48	131	7.058	11.74	4.368	125.3	14.34	8.16	55.43	53.8	64.69	60.23	0	0	26.28	7.035	-0.013	11.79
4/1/2013 5:00	32303	4.997	171.6	18.81	11.74	1.913	179.1	23.26	8.16	53.76	52.13	68.97	63.62	0	0	26.28	7.035	0	16.47
4/1/2013 6:00	32304	3.042	167.6	9.57	6.368	0.126	180.2	4.418	2.789	52.35	50.12	72.94	68.35	0	0	26.26	7.032	-0.003	11.8
4/1/2013 7:00	32305	3.173	163.4	12.95	6.368	0.238	174.7	5.17	2.789	51.5	49.21	75.5	70.55	0	0	26.26	7.029	-0.003	14.82
4/1/2013 8:00	32306	2.188	75.23	14.03	4.578	1.58	57.31	5.232	4.578	51.75	50.19	76.72	69.46	0	5.446	26.26	7.032	0.003	11.85
4/1/2013 9:00	32307	5.48	117.8	31.03	13.52	3.667	103.2	41.97	11.74	55.72	55.64	71.33	63.69	0	136.6	26.28	7.022	-0.01	15.9
4/1/2013 10:00	32308	11.59	162.8	11.52	17.1	7.584	164.6	15.94	13.52	64.57	65.57	59.26	53.38	0	351	26.33	7.02	-0.002	11.79
4/1/2013 11:00	32309	14.25	193.3	11.7	22.47	10.01	196.5	15.63	18.89	70.25	71.62	49.74	45.6	0	560.5	26.38	7.008	-0.012	14.57
4/1/2013 12:00	32310	13.98	200	12.95	22.47	10.2	202.4	16.04	18.89	73.78	75.49	42.21	39.3	0	743.4	26.41	6.999	-0.01	16.06
4/1/2013 13:00	32311	15.31	204	12	24.26	11.14	206.3	15.29	20.68	77.01	78.9	34.1	31.85	0	862	26.42	6.988	-0.01	11.83
4/1/2013 14:00	32312	15.26	214.4	14.7	26.05	11.61	216	16.18	20.68	80.6	82.2	24.93	22.83	0	939	26.41	6.966	-0.023	11.73
4/1/2013 15:00	32313	13.04	203.4	21.74	26.05	9.79	206.1	23.76	20.68	82.9	84.6	18.48	16.08	0	952	26.39	6.94	-0.025	11.82
4/1/2013 16:00	32314	13.49	208.5	25.51	26.05	10.02	209.5	26.47	22.47	84	85.6	14.87	12.22	0	791.4	26.37	6.912	-0.029	15.51
4/1/2013 17:00	32315	12.7	222.1	25.73	22.47	10	224.5	25.66	18.89	84.4	85.3	12.91	10.31	0	668.1	26.34	6.883	-0.028	16.83
4/1/2013 18:00	32316	12.68	224	20.35	24.26	9.83	224.9	20.89	20.68	85	85.8	11.94	9.19	0	562.9	26.3	6.852	-0.032	11.74
4/1/2013 19:00	32317	10.85	215.6	17.5	18.89	8.24	216.6	17.97	18.89	84.5	84.8	12.37	9.73	0	331.1	26.28	6.823	-0.029	16.44
4/1/2013 20:00	32318	9.91	205.3	18.3	18.89	6.849	207.8	18.93	15.31	82.7	82.3	13.2	11.03	0	114.3	26.26	6.796	-0.028	16.93
4/1/2013 21:00	32319	9.43	162.2	17.59	17.1	4.564	157.3	19.67	11.74	76.38	73.66	17.96	17.01	0	2.95	26.24	6.786	-0.009	16.47
4/1/2013 22:00	32320	9.81	165.9	11.1	15.31	5.645	166.1	15.8	11.74	72.8	71.46	33.07	32.42	0	0.021	26.24	6.776	-0.011	14.91
4/1/2013 23:00	32321	14.62	185.8	9.05	26.05	9.42	188.6	14.05	17.1	71.23	70.55	43.28	41.88	0	0.025	26.26	6.757	-0.019	15.73
4/2/2013 0:00	32322	12.94	198	8	20.68	8.43	200	12.07	15.31	68.17	67.56	57.71	54.37	0	0.032	26.26	6.747	-0.01	15.34
4/2/2013 1:00	32323	7.32	197.1	9.52	27.84	4.118	195.3	15.22	17.1	65.07	63.76	66.8	62.97	0	0.012	26.24	6.741	-0.006	11.47
4/2/2013 2:00	32324	4.061	185.9	27.41	8.16	1.67	169.6	50.55	4.578	62.09	59.98	72.9	69.09	0	0.003	26.21	6.735	-0.006	11.77
4/2/2013 3:00	32325	4.787	191.3	20.59	6.368	1.442	162.5	37.23	2.789	60.74	57.66	77.85	74.46	0	0.002	26.19	6.736	0.001	11.6
4/2/2013 4:00	32326	7.338	102.5	33.99	24.26	4.702	64.91	15.15	17.1	58.48	56.9	81.8	75.57	0	0	26.18	6.734	-0.002	11.41
4/2/2013 5:00	32327	17.49	69.73	6.833	24.26	12.18	65.1	12.69	20.68	53.7	53.48	82.5	73.53	0	0.001	26.19	6.727	-0.006	16.94
4/2/2013 6:00	32328	15.66	50.34	15.1	26.05	9.4	46.71	16.91	18.89	50.11	50.03	90.6	79.51	0	0	26.19	6.724	-0.003	16.87
4/2/2013 7:00	32329	18.47	46.17	8.6	29.63	10.23	41.55	10.51	20.68	49.47	49.51	91.7	80.5	0	0	26.2	6.721	-0.003	11.8
4/2/2013 8:00	32330	20.29	42.29	10.08	29.63	11.28	39.57	10.88	22.47	47.5	47.64	91	79.29	0	1.469	26.22	6.718	-0.003	11.39
4/2/2013 9:00	32331	19.15	38.01	10.75	31.42	10.51	37.28	11.03	24.26	43.93	44.14	98.1	84.8	0	19.3	26.24	6.712	-0.006	11.78
4/2/2013 10:00	32332	17.37	26.44	10.24	29.63	11.3	23.44	13.3	26.05	42.24	42.56	98.3	85.4	0	54.94	26.26	6.704	-0.008	11.74
4/2/2013 11:00	32333	17.24	28.14	10.2	27.84	10.12	24.32	14.74	22.47	41.72	42.3	96.4	83	0	108.1	26.27	6.688	-0.016	11.89
4/2/2013 12:00	32334	18.41	23.96	10.43	27.84	11.61	19.91	14.75	24.26	41.13	41.85	92.9	79.46	0	174.1	26.28	6.682	-0.007	16.76
4/2/2013 13:00	32335	17.45	22.97	11.29	26.05	12.23	18.99	13.14	24.26	40.69	41.33	88.3	75.51	0	226.6	26.29	6.678	-0.003	11.84
4/2/2013 14:00	32336	16.72	32.89	11.62	27.84	10.65	29.14	13.94	22.47	42.29	43.16	83.2	71.09	0	398.3	26.28	6.667	-0.011	11.82
4/2/2013 15:00	32337	14.95	44.21	12.94	24.26	8.88	38.84	14.45	18.89	44.73	45.99	77.28	66.02	0	476.5	26.26	6.664	-0.003	15.64
4/2/2013 16:00	32338	13.31	30.07	13.4	22.47	8.94	26.84	14.37	18.89	45.71	46.55	75.25	64.75	0	275.3	26.25	6.613	-0.051	13.51
4/2/2013 17:00	32339	13.1	42.8	14.56	20.68	8.03	38.23	16.37	17.1	46.24	47.05	75.33	64.89	0	248	26.24	6.61	-0.003	16.8
4/2/2013 18:00	32340	14.84	51.94	11.84	22.47	8.85	45.61	15.19	18.89	46.68	47.53	75.81	65.22	0	203.9	26.23	6.604	-0.006	11.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/2/2013 19:00	32341	16.72	50.91	11.3	27.84	9.84	45.04	14.6	18.89	46.1	46.74	78.36	67.44	0	145	26.2	6.594	-0.01	14.49
4/2/2013 20:00	32342	18.16	52.04	12.86	29.63	10.95	47.22	15.27	22.47	44.77	45.11	81.4	70.24	0	38.65	26.2	6.585	-0.01	11.84
4/2/2013 21:00	32343	14.18	49.75	12.14	24.26	8.28	43.72	14.43	18.89	43.62	43.81	84	72.49	0	0.489	26.22	6.579	-0.006	16.42
4/2/2013 22:00	32344	16.43	46.95	8.2	26.05	9.11	40.02	10.89	18.89	41.9	42.12	90.1	77.13	0	0	26.22	6.577	-0.002	15.9
4/2/2013 23:00	32345	18.66	49.79	8.46	27.84	10.43	42.79	12.28	20.68	40.12	40.33	97	82.8	0	0	26.24	6.574	-0.003	16.5
4/3/2013 0:00	32346	18.34	43.95	10.06	27.84	10.33	38.25	11.64	22.47	39.57	39.71	95.6	82.3	0	0	26.26	6.568	-0.006	11.66
4/3/2013 1:00	32347	14.19	33.17	14.61	34.99	9.03	27.78	15.96	27.84	39.66	39.79	91.7	78.98	0	0	26.28	6.565	-0.003	16.25
4/3/2013 2:00	32348	14.4	30.75	11	26.05	9.18	27.22	12.64	22.47	39.38	39.52	89.1	76.59	0	0	26.28	6.561	-0.003	13.95
4/3/2013 3:00	32349	13.02	38.9	17.89	22.47	8.29	34.43	19.09	18.89	38.75	38.89	89.7	76.95	0	0	26.27	6.558	-0.003	11.93
4/3/2013 4:00	32350	13.13	34.26	12.11	22.47	8.24	30.78	14.09	17.1	38.6	38.75	89.6	76.8	0	0	26.28	6.555	-0.003	11.8
4/3/2013 5:00	32351	10.44	26.03	13.09	18.89	7.106	23.25	14.56	13.52	38.29	38.47	89	76.24	0	0	26.3	6.552	-0.003	11.82
4/3/2013 6:00	32352	9.58	10.32	11.62	15.31	6.716	7.955	13.42	13.52	38.56	38.83	88.5	75.58	0	0	26.3	6.549	-0.003	16.83
4/3/2013 7:00	32353	10.52	3.698	10.92	17.1	7.195	1.867	12.35	13.52	38.3	38.6	90.4	77.36	0	0	26.31	6.549	0	16.84
4/3/2013 8:00	32354	11.21	357.3	11.14	17.1	7.437	354.4	15.11	13.52	38.26	38.55	88.5	75.84	0	1.861	26.31	6.546	-0.003	16.76
4/3/2013 9:00	32355	12.08	2.811	9.74	18.89	8.13	359.4	12.49	13.52	38.26	38.61	87.1	74.36	0	32.84	26.32	6.546	0	15.23
4/3/2013 10:00	32356	11.83	1.27	9.57	18.89	8.09	358.9	14.4	13.52	39.52	40.03	80.9	69.26	0	102.8	26.34	6.546	0	11.87
4/3/2013 11:00	32357	11.14	12.6	13.25	17.1	7.877	10.14	15.88	15.31	42.28	42.99	72.72	62.74	0	293.5	26.37	6.541	-0.004	12.26
4/3/2013 12:00	32358	11.05	11.65	16.2	18.89	7.829	9.5	18.09	15.31	45.94	47.14	65.27	56.42	0	519.1	26.4	6.528	-0.014	11.82
4/3/2013 13:00	32359	9.74	23.92	19.62	18.89	6.743	21.28	20.29	18.89	48.73	49.89	60.31	52.9	0	635.3	26.42	6.523	-0.005	11.84
4/3/2013 14:00	32360	7.832	9.18	33.83	18.89	5.711	5.849	36.33	15.31	53.31	54.64	52.35	46.7	0	809	26.43	6.519	-0.004	12.53
4/3/2013 15:00	32361	7.766	348.6	53.1	17.1	6.035	345	54.37	17.1	57.69	58.94	45.19	41.01	0	973	26.45	6.511	-0.008	12
4/3/2013 16:00	32362	6.394	16.87	44.79	17.1	4.719	12.05	49.25	13.52	60.54	61.28	40.59	38.26	0	825	26.44	6.505	-0.007	16.82
4/3/2013 17:00	32363	8.53	11.32	33.89	18.89	6.319	9.58	32.51	18.89	60.99	62.08	40.06	37.01	0	756.7	26.44	6.498	-0.007	11.91
4/3/2013 18:00	32364	10	358.2	22.28	18.89	7.479	354	24.69	17.1	60.15	61.34	40.59	36.78	0	584	26.43	6.487	-0.011	11.76
4/3/2013 19:00	32365	9.26	10.08	16.82	18.89	6.796	6.395	20.59	15.31	59.23	59.97	41.31	37.64	0	361.9	26.41	6.459	-0.028	11.85
4/3/2013 20:00	32366	9.28	16.95	15.29	15.31	6.462	12.93	16.91	13.52	57.64	57.76	42.44	38.8	0	132.6	26.42	6.443	-0.016	11.87
4/3/2013 21:00	32367	7.468	44.09	13.77	11.74	4.664	39.66	16.53	9.95	54.59	54.27	46.68	42.36	0	2.66	26.4	6.428	-0.015	16.72
4/3/2013 22:00	32368	8.94	59.5	10.23	13.52	5.625	55.92	14.35	9.95	50.96	50.47	52.67	47.16	0	0	26.39	6.42	-0.009	11.87
4/3/2013 23:00	32369	10.26	72.85	7.369	15.31	6.845	66.25	13.46	11.74	46.48	46.02	61.98	54.5	0	0	26.39	6.417	-0.003	15.4
4/4/2013 0:00	32370	10.89	70.53	10.98	17.1	7.117	67.61	16.35	15.31	44.57	44.22	66.94	58.56	0	0	26.38	6.408	-0.009	16.83
4/4/2013 1:00	32371	9.24	79.99	9.23	15.31	5.991	75.45	16.02	11.74	42.63	42.31	70.63	61.5	0	0	26.38	6.403	-0.005	16.89
4/4/2013 2:00	32372	8.11	72.04	10.45	13.52	5.267	66.57	14.87	9.95	40.05	39.66	75.74	65.56	0	0	26.36	6.4	-0.003	11.86
4/4/2013 3:00	32373	6.389	59.46	11.86	9.95	3.966	56.03	16.99	8.16	38.06	37.66	78.75	67.95	0	0	26.36	6.396	-0.003	11.56
4/4/2013 4:00	32374	7.386	56.33	9.29	11.74	4.652	52.26	13.89	8.16	36.53	36.25	81.2	69.71	0	0	26.35	6.39	-0.006	16.84
4/4/2013 5:00	32375	7.283	64	8.51	11.74	4.984	60.74	13.2	8.16	34.93	34.54	84.1	72.01	0	0	26.33	6.391	0.001	11.81
4/4/2013 6:00	32376	4.228	37.81	17.52	9.95	2.502	35.47	18.61	6.368	34.18	33.85	85.3	72.93	0	0	26.33	6.389	-0.002	13.7
4/4/2013 7:00	32377	3.902	33.18	11.17	6.368	2.099	29.63	11.27	6.368	32.98	32.67	86.6	73.76	0	0	26.33	6.389	0	16.55
4/4/2013 8:00	32378	4.948	36.39	11.56	8.16	2.762	35.64	12.34	6.368	32.76	32.39	88	74.92	0	8.5	26.34	6.386	-0.003	12.13
4/4/2013 9:00	32379	5.591	33.89	13.23	8.16	3.448	32.55	13.84	8.16	35.53	36.44	84.1	71.1	0	155.3	26.38	6.385	-0.001	11.86
4/4/2013 10:00	32380	3.574	45.02	41.1	8.16	2.421	44.64	38.17	6.368	42.63	43.57	71.18	62.07	0	381.6	26.43	6.38	-0.005	11.89
4/4/2013 11:00	32381	3.071	230.7	74.32	8.16	2.585	237.9	70.63	6.368	49.46	49.48	58.15	52.26	0	598.4	26.5	6.38	0.001	11.9
4/4/2013 12:00	32382	7.373	257.8	27.19	13.52	6.068	256.3	29.89	11.74	52.05	52.8	54.1	47.11	0	794.4	26.54	6.376	-0.004	11.87
4/4/2013 13:00	32383	6.951	234.4	27.17	22.47	5.691	231	28.54	18.89	57.82	58.37	44.74	40.1	0	927	26.55	6.373	-0.004	16.57
4/4/2013 14:00	32384	7.966	230.4	28.06	15.31	6.378	228.8	28.73	11.74	63.89	64.75	36.05	32.72	0	989	26.54	6.365	-0.008	15.91
4/4/2013 15:00	32385	6.825	230.9	38.31	15.31	5.546	227.8	41.35	13.52	70.05	70.64	27.5	25.03	0	982	26.53	6.362	-0.003	11.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/4/2013 16:00	32386	6.544	331.1	57	13.52	5.398	329.4	61.54	13.52	73.18	73.81	20.16	18.14	0	904	26.52	6.355	-0.007	15.65
4/4/2013 17:00	32387	6.107	339.1	63.4	17.1	5.023	340.3	63.16	17.1	75.57	75.69	17.8	16.05	0	758.5	26.5	6.342	-0.013	11.89
4/4/2013 18:00	32388	7.233	354.1	35.76	17.1	5.757	352	33.79	15.31	75.67	76.33	16.01	13.61	0	584.6	26.48	6.323	-0.018	11.56
4/4/2013 19:00	32389	6.076	329.9	39.99	13.52	4.984	327.7	41.18	13.52	76.14	76.04	15.03	12.73	0	353.2	26.47	6.311	-0.013	11.88
4/4/2013 20:00	32390	5.524	40.4	34.29	17.1	3.617	37.88	36.07	13.52	73.71	73.13	16.52	14.38	0	99.3	26.46	6.295	-0.015	16.29
4/4/2013 21:00	32391	5.938	115.3	16.37	9.95	2.939	105	13.4	4.578	69.07	65.38	20.07	19.71	0	3.58	26.43	6.291	-0.005	16.69
4/4/2013 22:00	32392	6.994	160	15.51	11.74	2.865	140.1	33.25	6.368	63.8	59.47	25.84	25.71	0	0.004	26.42	6.281	-0.009	11.35
4/4/2013 23:00	32393	8.31	117.8	15.41	13.52	4.365	108.5	21.61	8.16	60.44	57.92	30.04	28.59	0	0.001	26.42	6.27	-0.011	12.31
4/5/2013 0:00	32394	9.74	133.9	11.34	13.52	5.168	130.5	16.97	8.16	59.25	57.33	31.71	29.88	0	0.002	26.42	6.258	-0.012	14.49
4/5/2013 1:00	32395	8.24	139.4	19.47	15.31	4.201	130	29.17	8.16	56.99	54.83	33.83	32.12	0	0.001	26.42	6.252	-0.006	11.88
4/5/2013 2:00	32396	8	112.2	15.86	13.52	4.22	98.8	16.64	8.16	54.55	52.01	37.22	35.69	0	0	26.42	6.245	-0.006	11.94
4/5/2013 3:00	32397	7.712	113.1	9.84	9.95	3.961	103.6	16.77	6.368	51.57	49.27	41.34	39.04	0	0	26.4	6.242	-0.003	15.62
4/5/2013 4:00	32398	7.197	109.4	6.525	9.95	3.906	94.3	12.18	6.368	49.95	47.75	44.76	41.58	0	0	26.37	6.236	-0.006	11.94
4/5/2013 5:00	32399	7.882	110	9.44	11.74	4.485	99.3	16.38	8.16	48.48	46.6	48.64	44.56	0	0	26.36	6.233	-0.003	16.14
4/5/2013 6:00	32400	4.603	128.9	13.37	9.95	1.745	107.4	17.1	6.368	47.81	45.79	52.52	48.05	0	0	26.35	6.228	-0.005	11.86
4/5/2013 7:00	32401	4.954	126.4	20.96	9.95	1.942	105.8	28.69	6.368	48.39	46.52	55.04	50.54	0	0	26.35	6.225	-0.003	11.93
4/5/2013 8:00	32402	5.956	118.8	11.92	9.95	2.786	92.9	13.57	6.368	47.98	45.78	57.8	53.12	0	6.997	26.35	6.218	-0.006	16.91
4/5/2013 9:00	32403	7.686	123.2	20.08	15.31	4.962	114.7	28.58	9.95	50.76	50.5	53.7	48.02	0	150.6	26.37	6.201	-0.017	11.97
4/5/2013 10:00	32404	12.36	167	11.1	24.26	8.18	168.8	16.16	17.1	60.66	61.62	37.64	33.85	0	385.2	26.42	6.199	-0.002	11.79
4/5/2013 11:00	32405	17.99	179.2	10.06	27.84	11.74	181.8	15.54	20.68	67.05	68.29	25.59	22.25	0	540	26.46	6.189	-0.01	11.93
4/5/2013 12:00	32406	21.84	177.2	11.3	34.99	14.25	179.4	16.16	27.84	72.06	73.76	16.78	13.32	0	742.1	26.48	6.178	-0.011	11.88
4/5/2013 13:00	32407	21.96	182.2	11.62	34.99	14.67	185.2	15.97	24.26	75.24	77.34	13.46	9.83	0	891	26.48	6.156	-0.022	16.95
4/5/2013 14:00	32408	19.78	181.7	13.76	33.21	13.27	184.1	17.63	26.05	77.58	79.82	14.34	10.79	0	882	26.46	6.133	-0.023	11.38
4/5/2013 15:00	32409	19.67	194.8	12.64	33.21	13.87	197.3	15.62	26.05	80.2	82.4	14.1	10.72	0	962	26.43	6.113	-0.019	13.07
4/5/2013 16:00	32410	20.59	191.8	12.27	38.57	14.07	194.2	16.34	31.42	80.9	82.7	11.05	7.635	0	660.3	26.41	6.085	-0.029	11.73
4/5/2013 17:00	32411	17.64	184.9	11.96	29.63	11.72	187.4	16.42	24.26	81.2	82.3	10.51	7.241	0	416.3	26.36	6.053	-0.032	11.88
4/5/2013 18:00	32412	20	174	11.95	34.99	13.04	175.9	16.51	24.26	81.9	83	9.33	5.922	0	431.3	26.32	6.028	-0.025	11.83
4/5/2013 19:00	32413	18.65	170.8	10.35	33.21	11.79	173	15.16	24.26	80.4	80.6	10.28	7.173	0	175.4	26.31	6.003	-0.025	15.68
4/5/2013 20:00	32414	18.8	158	8.73	27.84	11.87	159.4	13.59	22.47	77.35	76.97	11.9	8.96	0	57.31	26.29	5.968	-0.035	11.88
4/5/2013 21:00	32415	16.18	152.2	7.535	24.26	10.15	153.3	12.58	18.89	73.41	72.55	15.47	12.71	0	1.629	26.27	5.941	-0.028	12.31
4/5/2013 22:00	32416	15.42	152.2	7.625	26.05	9.7	153.2	12.68	18.89	69.67	68.83	21.08	18.29	0	0.031	26.25	5.923	-0.018	11.89
4/5/2013 23:00	32417	13.77	159.5	10.41	27.84	8.54	161.5	14.62	20.68	66.34	65.57	34.52	32.38	0	0.016	26.25	5.907	-0.016	11.82
4/6/2013 0:00	32418	14.45	172.6	9.01	24.26	8.96	174.7	14.33	17.1	63.98	63.26	45.94	43.24	0	0.01	26.24	5.898	-0.01	14.08
4/6/2013 1:00	32419	15.98	176.1	8.16	29.63	9.92	178.3	13.66	20.68	61.64	61.03	52.07	48.34	0	0.009	26.22	5.888	-0.009	11.93
4/6/2013 2:00	32420	12.75	177.5	8.29	20.68	7.98	180.1	13.61	17.1	59.02	58.31	57.26	52.74	0	0.004	26.21	5.883	-0.006	16.12
4/6/2013 3:00	32421	10.87	186.9	9.71	18.89	6.845	190.5	14.51	13.52	57.07	56.34	60	54.97	0	0.002	26.19	5.877	-0.005	12.79
4/6/2013 4:00	32422	9.15	194.4	7.669	13.52	5.688	197.3	12.26	9.95	55.09	54.03	62.25	57.2	0	0.001	26.17	5.871	-0.006	16.67
4/6/2013 5:00	32423	8.2	202.6	6.908	11.74	4.862	205.2	11.12	8.16	53.33	52.01	64.38	59.26	0	0	26.15	5.865	-0.006	11.91
4/6/2013 6:00	32424	6.176	209.3	10.26	9.95	3.147	216.3	17.48	6.368	51.22	49.21	67.95	62.96	0	0	26.14	5.861	-0.003	15.2
4/6/2013 7:00	32425	5.798	224.5	16.88	8.16	2.959	234.7	31.5	6.368	49.8	47.67	70.3	65.08	0	0	26.14	5.862	0.001	16.72
4/6/2013 8:00	32426	5.739	259.6	18.42	9.95	3.077	270.6	30.94	6.368	49.35	46.87	71.29	66.28	0	10.99	26.16	5.859	-0.003	16.05
4/6/2013 9:00	32427	5.647	243.1	12.05	11.74	3.878	238	12.27	9.95	51.36	51.64	67.66	59.01	0	172.3	26.18	5.855	-0.004	11.83
4/6/2013 10:00	32428	7.838	220	11.19	11.74	6.213	219.7	13.4	9.95	57.69	58.2	54.72	48.89	0	415.6	26.23	5.851	-0.005	16.27
4/6/2013 11:00	32429	8.54	234.5	13.98	13.52	6.785	231.1	14.44	11.74	66.38	66.85	37.39	34.9	0	603.7	26.28	5.849	-0.002	11.93
4/6/2013 12:00	32430	9.25	266.6	18.07	20.68	7.416	262.8	20.7	17.1	74.13	74.47	22.53	20.88	0	545.2	26.32	5.845	-0.004	16.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/6/2013 13:00	32431	13.78	296.5	13.53	24.26	11.54	295.4	16.3	20.68	78.34	78.93	13.76	11.36	0	682.5	26.34	5.835	-0.01	11.6
4/6/2013 14:00	32432	10.82	277	20.13	18.89	8.72	275	25.23	17.1	79.46	80.1	12.66	10.09	0	770.1	26.33	5.825	-0.01	11.89
4/6/2013 15:00	32433	10.22	301	24.42	24.26	8.49	301.7	26.99	22.47	81.8	82.5	10.19	7.391	0	931	26.32	5.809	-0.016	16.89
4/6/2013 16:00	32434	10.61	282.3	25.84	18.89	8.68	279.4	29.89	18.89	82	82.8	9.4	6.308	0	799.4	26.31	5.793	-0.016	13.5
4/6/2013 17:00	32435	12.08	280.7	19.93	22.47	9.81	278.5	24.05	20.68	81.8	82.4	8.48	5.255	0	579.4	26.28	5.778	-0.015	15.74
4/6/2013 18:00	32436	10.51	255.9	24.72	20.68	8.19	252.4	25.81	17.1	81.9	82.3	9.06	5.815	0	479.9	26.27	5.756	-0.022	16.87
4/6/2013 19:00	32437	9.3	263.4	24.37	17.1	7.343	260.3	26.77	15.31	82	82.1	9.06	5.888	0	359.1	26.26	5.737	-0.019	13.18
4/6/2013 20:00	32438	8.04	269.2	16.11	15.31	6.04	264.1	20.61	13.52	80.8	80.2	9.18	6.277	0	147.3	26.24	5.718	-0.019	15.01
4/6/2013 21:00	32439	2.136	61.05	52.31	4.578	1.789	67.17	22.57	4.578	75.77	73.22	11.75	10	0	4.253	26.22	5.696	-0.022	11.77
4/6/2013 22:00	32440	5.036	66.65	27.48	8.16	2.639	58.55	26.93	4.578	72.14	67.24	14.28	13.75	0	0.013	26.2	5.688	-0.008	14.66
4/6/2013 23:00	32441	7.156	107.7	10.44	9.95	3.65	88.4	14.42	6.368	71.88	61.95	14.4	17.01	0	0.006	26.19	5.679	-0.009	11.86
4/7/2013 0:00	32442	5.92	114.6	9.04	8.16	3.424	79.13	12.7	6.368	68.38	62.64	16.15	16.16	0	0.006	26.18	5.666	-0.012	11.8
4/7/2013 1:00	32443	3.718	122.9	22.66	8.16	2.729	67.08	13.66	4.578	66.77	61.46	17.07	16.97	0	0.003	26.17	5.67	0.004	15.57
4/7/2013 2:00	32444	7.764	68.14	14.32	13.52	4.444	63.34	17.99	8.16	61.74	59.13	23.07	20.62	0	0.005	26.16	5.658	-0.012	11.9
4/7/2013 3:00	32445	7.607	123.5	34.83	11.74	3.694	117.9	40.04	6.368	57.53	55.35	32.87	30.41	0	0.003	26.15	5.652	-0.006	11.86
4/7/2013 4:00	32446	4.921	176.1	10.8	9.95	1.015	162.9	15.29	4.578	55.8	53.04	42.64	39.15	0	0.001	26.13	5.646	-0.006	15.98
4/7/2013 5:00	32447	2.28	187.2	20.49	6.368	0.308	142.9	25.21	4.578	54.62	52.73	54.39	49.09	0	0	26.11	5.646	0	16.29
4/7/2013 6:00	32448	3.253	205.8	31.96	6.368	1.176	156.6	51.22	6.368	54	51.51	60.83	55.89	0	0	26.1	5.646	0	13.52
4/7/2013 7:00	32449	4.611	187.9	10.63	8.16	1.087	157.1	15.92	4.578	51.54	48.39	68.18	62.05	0	0	26.09	5.643	-0.003	11.88
4/7/2013 8:00	32450	4.539	203.6	22.98	9.95	1.397	210.4	30.94	6.368	50.99	48.93	82.1	73.23	0	6.735	26.09	5.64	-0.003	12
4/7/2013 9:00	32451	3.69	250.3	25.51	8.16	2.343	264	34.36	8.16	53.37	52.58	78.55	68.95	0	139.7	26.12	5.636	-0.003	11.58
4/7/2013 10:00	32452	6.417	232.4	20.71	9.95	5.13	230.7	19.36	9.95	61.59	61.97	52.55	48.05	0	395.5	26.16	5.635	-0.002	17.01
4/7/2013 11:00	32453	9.72	251.4	12.35	22.47	7.431	245.3	16.18	18.89	71.5	71.84	26.38	24.66	0	597.5	26.22	5.633	-0.002	11.59
4/7/2013 12:00	32454	16.52	262.4	13.71	26.05	12.46	257.3	17.93	24.26	79.41	80.1	14.2	11.91	0	779.5	26.26	5.619	-0.013	11.88
4/7/2013 13:00	32455	16.36	270.9	18.25	29.63	12.96	267.3	21.08	26.05	81.6	82.6	13.18	10.71	0	912	26.26	5.609	-0.01	12.15
4/7/2013 14:00	32456	17.72	257.2	21.55	34.99	13.46	253.2	23.42	29.63	83.4	84.7	11.29	8.48	0	980	26.25	5.587	-0.022	14.6
4/7/2013 15:00	32457	18.66	248.3	15.5	34.99	13.87	243.8	17.08	31.42	84.1	85.4	10.78	7.787	0	979	26.22	5.562	-0.025	16.02
4/7/2013 16:00	32458	18.42	244.6	16.68	31.42	13.89	240.7	17.79	26.05	85	86.2	10.47	7.516	0	907	26.2	5.536	-0.025	15.52
4/7/2013 17:00	32459	18.34	242.6	15.2	29.63	13.62	238.2	16.77	24.26	85.2	86.2	9.9	6.836	0	764.6	26.18	5.495	-0.041	11.91
4/7/2013 18:00	32460	17.53	238	14.03	33.21	12.93	234.1	14.93	27.84	85.2	86.1	9.91	6.811	0	579.6	26.16	5.46	-0.035	11.78
4/7/2013 19:00	32461	17.38	255	13.59	27.84	12.72	250	16.85	24.26	85.2	85.3	8.89	5.946	0	363	26.14	5.429	-0.032	15.26
4/7/2013 20:00	32462	15.16	238.3	11.29	26.05	11.05	234	11.73	20.68	83.5	83.2	9.73	6.893	0	140.4	26.13	5.369	-0.06	14.64
4/7/2013 21:00	32463	11.04	238.1	10.65	18.89	7.742	234.2	10.97	15.31	78.78	77.96	11.96	9.37	0	4.365	26.12	5.35	-0.019	11.76
4/7/2013 22:00	32464	9.31	224.7	11.75	15.31	5.905	222.5	13.49	11.74	73.81	72.42	14.58	12.07	0	0.038	26.11	5.332	-0.018	11.52
4/7/2013 23:00	32465	7.488	207.5	11.22	11.74	3.583	203.1	17.74	6.368	69.3	66.25	17.33	15.57	0	0.009	26.1	5.33	-0.002	14.27
4/8/2013 0:00	32466	6.598	216.3	6.093	9.95	2.826	213.7	10.29	6.368	67.1	63.79	18.27	16.6	0	0.008	26.09	5.32	-0.01	16.94
4/8/2013 1:00	32467	5.221	220.5	8.13	9.95	1.489	221.1	18.22	4.578	64.47	60.86	19.81	18.29	0	0.003	26.07	5.315	-0.006	16.72
4/8/2013 2:00	32468	3.161	204.1	27.82	6.368	1.479	96.7	28.74	4.578	62.32	58.17	21.27	20.21	0	0.003	26.05	5.309	-0.005	11.87
4/8/2013 3:00	32469	4.321	224.6	8.54	6.368	0.727	217.8	10.11	4.578	61.86	57.76	21.44	20.29	0	0.002	26.03	5.303	-0.006	12.48
4/8/2013 4:00	32470	6.541	202.7	25.68	13.52	3.071	190.2	35.19	9.95	61.21	57.87	22.11	20.2	0	0	26.01	5.3	-0.003	11.89
4/8/2013 5:00	32471	4.505	159.4	19.04	11.74	1.928	132.7	32.61	8.16	58.02	55.65	27.76	24.5	0	0.003	26	5.294	-0.006	16.98
4/8/2013 6:00	32472	7.186	166.8	8.7	11.74	2.746	158.6	16.75	6.368	54.54	51.51	49.65	45.09	0	0	25.99	5.291	-0.003	16.88
4/8/2013 7:00	32473	6.364	182.6	10.01	11.74	2.754	185.6	19.05	8.16	53.84	51.67	68.09	62.22	0	0	25.99	5.291	0	11.91
4/8/2013 8:00	32474	7.448	180.7	11.94	13.52	3.573	183.2	19.61	9.95	53.36	51.41	78.77	71.8	0	13.15	26	5.287	-0.003	11.85
4/8/2013 9:00	32475	8.21	205.1	12.63	13.52	5.733	208.3	13.97	9.95	58.61	58.92	66.85	60.06	0	173	26.03	5.284	-0.003	11.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/8/2013 10:00	32476	8.01	225.9	13.78	13.52	6.313	225.4	13.53	11.74	65.04	65.42	43.36	40.44	0	394.6	26.08	5.27	-0.014	14.09
4/8/2013 11:00	32477	9.15	227.7	21.23	20.68	7.238	225.5	20.62	18.89	73.38	73.79	23.51	21.65	0	598.3	26.12	5.262	-0.008	11.89
4/8/2013 12:00	32478	15.61	255.9	13.28	26.05	11.75	250.9	16.57	20.68	79.62	80.4	13.77	11.35	0	784.8	26.14	5.255	-0.007	11.86
4/8/2013 13:00	32479	16.74	246.2	15.67	27.84	12.47	241.8	17.03	26.05	81	82.1	13.26	10.56	0	921	26.14	5.236	-0.019	11.79
4/8/2013 14:00	32480	19.86	226.8	14.93	38.57	14.84	224.9	15.04	31.42	82.3	83.8	11.99	8.84	0	992	26.12	5.207	-0.029	16.83
4/8/2013 15:00	32481	22.73	226.9	15.46	34.99	16.75	225.5	15.77	29.63	83.5	85	10.95	7.689	0	990	26.08	5.175	-0.032	11.83
4/8/2013 16:00	32482	23.57	211.5	12.17	38.57	16.79	213	13.79	31.42	84.8	86.7	10.08	6.747	0	911	26.05	5.134	-0.041	11.81
4/8/2013 17:00	32483	24.3	212.7	11.47	40.36	17.36	213.3	13.93	31.42	86	87.5	8.4	5.051	0	769	26.01	5.099	-0.035	11.81
4/8/2013 18:00	32484	23.32	222.9	12.8	36.78	17.22	222.5	13.2	29.63	86.5	87.5	7.387	4.038	0	588	25.99	5.055	-0.044	11.48
4/8/2013 19:00	32485	21.84	226.5	10.59	34.99	16.02	225.3	11.45	29.63	86	86.3	7.215	3.888	0	369.7	25.98	5.014	-0.041	16.13
4/8/2013 20:00	32486	16.31	219.5	9.66	27.84	11.81	219.1	11.53	22.47	84.9	84.6	7.606	4.527	0	141.2	25.96	4.98	-0.034	15.65
4/8/2013 21:00	32487	10.97	208	12.67	20.68	6.888	206.7	15.99	17.1	80.4	78.99	9.39	6.783	0	3.497	25.94	4.951	-0.028	15.39
4/8/2013 22:00	32488	8.8	164.2	12.9	11.74	3.957	155.5	13.94	8.16	73.06	69.4	13.32	11.62	0	0.028	25.91	4.94	-0.011	16.86
4/8/2013 23:00	32489	11.29	162.4	8.18	17.1	6.35	161.4	13.37	11.74	72.23	70.44	14.09	11.33	0	0.014	25.89	4.93	-0.009	15.46
4/9/2013 0:00	32490	15.57	161.8	8.55	27.84	9.5	163	13.62	20.68	72.01	70.98	26.01	23.85	0	0.018	25.9	4.921	-0.01	14.53
4/9/2013 1:00	32491	17.64	190.1	15.04	45.73	11.49	192.4	17.7	24.26	71.7	71.08	44.6	43.3	0	0.031	25.92	4.908	-0.013	16.1
4/9/2013 2:00	32492	15.1	188.1	13.76	26.05	9.63	190.3	16.97	20.68	70.12	69.52	54.11	51.58	0	0.038	25.93	4.905	-0.003	16.29
4/9/2013 3:00	32493	15.34	171.7	8.44	24.26	9.46	173.3	13.92	18.89	68.37	67.84	67.84	63.51	0	0.037	25.91	4.905	0	15.5
4/9/2013 4:00	32494	17.3	173.5	7.678	29.63	10.67	175.7	13.38	22.47	66.53	65.99	75.94	70.44	0	0.024	25.88	4.905	0	12.49
4/9/2013 5:00	32495	17.19	167	8.13	27.84	10.57	168.7	13.73	18.89	64.53	64.03	83.6	76.82	0	0.019	25.87	4.902	-0.003	12.72
4/9/2013 6:00	32496	16.38	173	7.991	26.05	10.23	175.9	13.62	18.89	62.83	62.3	88.3	80.8	0	0.006	25.87	4.899	-0.003	16.82
4/9/2013 7:00	32497	11.23	182.1	8.91	18.89	6.955	184.7	13.71	13.52	61.07	60.37	90.9	83.2	0	0.005	25.88	4.899	0	15.7
4/9/2013 8:00	32498	12.72	184.2	9.37	20.68	7.797	187.1	14.32	15.31	59.84	59.17	92.3	84.4	0	14.16	25.89	4.896	-0.003	15.85
4/9/2013 9:00	32499	13.87	191.5	9.47	20.68	9.24	195.4	13.8	17.1	61.71	61.97	84.6	76.78	0	176.1	25.91	4.892	-0.004	15.76
4/9/2013 10:00	32500	16.77	205.5	7.859	24.26	11.62	207.5	11.7	18.89	68.58	69.22	48.53	46.3	0	390.6	25.95	4.886	-0.006	11.87
4/9/2013 11:00	32501	17.39	231.6	13.63	26.05	13.03	228.9	13.57	20.68	73.96	74.56	26.38	25.11	0	591.5	26.01	4.869	-0.017	11.72
4/9/2013 12:00	32502	17.89	283.6	14.94	29.63	14.3	282.4	18.67	24.26	74.65	75.6	18.76	16.51	0	752.1	26.05	4.856	-0.013	11.86
4/9/2013 13:00	32503	16.82	271.1	19.14	27.84	13.16	268.2	23.16	26.05	75.3	76.54	17.27	14.57	0	857	26.06	4.84	-0.016	15.75
4/9/2013 14:00	32504	17.21	263.3	24.5	29.63	13.32	259.7	27.51	29.63	77.2	78.52	15.43	12.55	0	911	26.06	4.811	-0.029	11.79
4/9/2013 15:00	32505	20.16	296.7	13.7	34.99	16.55	297.1	16.85	29.63	75.1	76.48	19.27	16.32	0	910	26.06	4.793	-0.019	11.8
4/9/2013 16:00	32506	23.3	301.5	10.74	38.57	19.34	302.1	12.97	31.42	72.39	73.72	23.24	19.97	0	853	26.06	4.774	-0.019	11.79
4/9/2013 17:00	32507	22.36	311.3	11.27	33.21	18.18	312.2	11.9	29.63	69.11	70.25	25.74	22.22	0	709.4	26.05	4.745	-0.028	12.42
4/9/2013 18:00	32508	21.2	315.7	10.58	33.21	17.08	316.6	11.22	31.42	67.22	68.17	26.46	22.8	0	509.3	26.05	4.72	-0.025	14.26
4/9/2013 19:00	32509	18.89	309.7	9.6	27.84	15.16	310.9	10.62	24.26	66.17	66.65	26.12	22.69	0	241.7	26.05	4.68	-0.04	16.83
4/9/2013 20:00	32510	16.77	330	10.26	26.05	13.75	329.8	11.09	22.47	65.33	65.56	25.1	21.69	0	73.41	26.06	4.667	-0.013	15.92
4/9/2013 21:00	32511	11	17.11	17.63	18.89	7.509	12.15	20.6	15.31	59.89	60.16	31.85	27.97	0	3.036	26.07	4.651	-0.016	12.61
4/9/2013 22:00	32512	14.38	46.03	11.56	26.05	8.31	42.13	13.4	18.89	53.88	53.93	37.38	33.01	0	0.001	26.09	4.634	-0.018	11.88
4/9/2013 23:00	32513	17.33	39.8	10.89	27.84	9.82	36.88	12.11	20.68	48.41	48.45	44.58	38.88	0	0	26.11	4.612	-0.022	11.91
4/10/2013 0:00	32514	18.51	35.28	10.82	31.42	10.61	33.4	12.3	26.05	43.84	43.94	47.65	40.98	0	0	26.11	4.599	-0.012	11.9
4/10/2013 1:00	32515	18.3	33.75	11.58	67.2	10.81	30.72	13.64	34.99	39.41	39.53	47.9	40.63	0	0	26.12	4.594	-0.005	15.11
4/10/2013 2:00	32516	19.39	25.13	10.11	31.42	12.54	20.89	13.56	27.84	36.22	36.44	48.25	40.38	0	0	26.14	4.578	-0.016	11.88
4/10/2013 3:00	32517	13.66	15.54	11.24	24.26	9	11.71	16.06	20.68	34.9	35.17	49.72	41.35	0	0	26.14	4.55	-0.028	16.63
4/10/2013 4:00	32518	12.51	16.3	11.67	20.68	8.19	12.18	15.49	17.1	34.54	34.85	48.4	40.23	0	0	26.14	4.551	0	16.78
4/10/2013 5:00	32519	13.82	23.86	17.38	22.47	8.77	18.94	20.92	18.89	34.48	34.82	46.29	38.42	0	0	26.14	4.544	-0.006	11.83
4/10/2013 6:00	32520	16.03	24.27	17.45	26.05	10.18	20	19.57	22.47	33.65	33.93	46.5	39.15	0	0	26.16	4.544	0	11.83

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/10/2013 7:00	32521	16.73	33.24	16.37	31.42	10.15	28.55	18.72	27.84	32	32.23	46.7	38.7	0	0	26.17	4.535	-0.008	11.78
4/10/2013 8:00	32522	14.82	31.14	12.18	26.05	9.23	27.63	14.17	18.89	30.45	30.72	51.81	42.58	0	4.099	26.19	4.526	-0.009	14.47
4/10/2013 9:00	32523	13.74	26.89	12.33	22.47	9.36	23.33	14.06	20.68	29.76	30.14	53.49	43.81	0	44.75	26.22	4.513	-0.013	16.69
4/10/2013 10:00	32524	14.14	24.67	12.87	22.47	9.83	22.11	14.69	20.68	29.8	30.47	57.86	47.24	0	200.9	26.23	4.517	0.003	11.79
4/10/2013 11:00	32525	12.49	20.67	13.52	18.89	8.94	16.75	15.83	17.1	31.72	32.79	56.31	46.07	0	399.9	26.25	4.509	-0.008	11.9
4/10/2013 12:00	32526	12.15	8.71	15.96	18.89	9.15	7.951	15.44	17.1	36.67	38.06	41.67	34.55	0	780	26.27	4.501	-0.007	11.86
4/10/2013 13:00	32527	10.44	12.97	18.78	20.68	7.737	11.84	20.21	17.1	40.84	42.31	39.13	32.85	0	957	26.3	4.498	-0.004	16.88
4/10/2013 14:00	32528	8.41	3.294	30.92	17.1	6.455	359.8	31.23	15.31	45.82	47.31	35.78	30.27	0	1029	26.31	4.487	-0.011	12.32
4/10/2013 15:00	32529	9.23	347	23.8	18.89	7.238	344.8	24.61	15.31	49.27	50.9	33.26	27.67	0	1027	26.31	4.48	-0.006	13.63
4/10/2013 16:00	32530	9.5	343.9	30.43	17.1	7.688	342.4	32.5	15.31	51.71	52.89	30.81	25.66	0	955	26.3	4.468	-0.013	11.94
4/10/2013 17:00	32531	8.87	342.2	29.51	17.1	7.329	340	29.49	15.31	53.87	54.78	28.22	23.33	0	808	26.27	4.458	-0.01	11.89
4/10/2013 18:00	32532	7.435	337.1	29.76	17.1	6.109	335.2	30.19	17.1	55.12	55.7	27.02	22.33	0	589.3	26.26	4.442	-0.016	11.89
4/10/2013 19:00	32533	6.105	33.77	36.86	13.52	4.547	28.89	39.42	11.74	55.56	55.98	26.61	22.2	0	368.3	26.25	4.426	-0.016	13
4/10/2013 20:00	32534	8.44	43.1	19.1	13.52	5.586	38.38	21.69	11.74	54.19	54.39	28.33	23.75	0	129.8	26.22	4.42	-0.006	14.53
4/10/2013 21:00	32535	6.099	65.15	11.21	9.95	3.898	62.95	14.72	6.368	51.64	50.97	29.95	25.65	0	4.545	26.21	4.409	-0.011	14.68
4/10/2013 22:00	32536	6.176	75.13	10.33	9.95	3.306	83.1	15.81	6.368	48.47	46.69	32.1	28.27	0	0	26.2	4.406	-0.003	11.42
4/10/2013 23:00	32537	6.617	79.47	6.521	9.95	3.559	78.34	14.24	8.16	46.12	44.47	34.65	30.6	0	0	26.18	4.404	-0.002	11.95
4/11/2013 0:00	32538	9.05	68.6	6.099	13.52	5.555	63.17	12.35	9.95	43.99	42.91	37.37	32.79	0	0	26.18	4.398	-0.006	12.03
4/11/2013 1:00	32539	7.52	69.7	11.64	20.68	4.709	70.43	17.87	13.52	42.24	41.54	38.92	33.86	0	0	26.18	4.391	-0.006	11.6
4/11/2013 2:00	32540	7.865	64.77	8.57	11.74	4.811	65.73	14.76	9.95	40.26	39.17	40.95	35.79	0	0	26.18	4.388	-0.003	11.89
4/11/2013 3:00	32541	10.23	63.3	7.53	15.31	6.731	60.25	12.79	11.74	39.49	38.94	41.83	35.96	0	0	26.17	4.382	-0.006	11.96
4/11/2013 4:00	32542	10.15	71.32	7.774	15.31	6.405	65.02	13.4	11.74	37.31	36.69	46.64	39.74	0	0	26.17	4.379	-0.003	11.99
4/11/2013 5:00	32543	9.48	71.45	8.49	13.52	5.827	64.4	13.93	9.95	35.26	34.63	51.27	43.38	0	0	26.13	4.373	-0.006	11.95
4/11/2013 6:00	32544	8.62	62.39	13.57	13.52	5.333	59.36	17.11	9.95	35.38	34.76	55.16	46.56	0	0	26.11	4.37	-0.002	16.61
4/11/2013 7:00	32545	8.19	85.2	6.425	11.74	4.648	82.7	14.83	8.16	34.39	33.54	61.19	51.85	0	0	26.09	4.37	0	11.36
4/11/2013 8:00	32546	4.882	77.49	12.08	9.95	2.383	63.87	13.24	6.368	33.77	32.87	65.89	55.74	0	15.78	26.09	4.367	-0.003	15.66
4/11/2013 9:00	32547	3.573	91.5	26.92	9.95	2.369	87	29.17	8.16	38.72	40.09	60.5	50.4	0	182.5	26.1	4.36	-0.008	15.31
4/11/2013 10:00	32548	8.34	131.1	14.87	13.52	6.021	132.2	21.3	11.74	44.87	46.49	40.29	33.94	0	413.4	26.14	4.355	-0.004	11.95
4/11/2013 11:00	32549	9.48	172.3	21.3	17.1	6.83	175.6	25.82	17.1	49.92	51.46	36.45	30.53	0	636.1	26.19	4.351	-0.004	11.9
4/11/2013 12:00	32550	9.7	205	21.11	18.89	7.405	205.4	23.44	13.52	53.77	55.02	36.81	31.3	0	836	26.22	4.347	-0.004	15.1
4/11/2013 13:00	32551	9	255	30.72	18.89	7.003	251.7	31.75	17.1	57.73	58.8	32.51	27.74	0	975	26.23	4.34	-0.007	12.76
4/11/2013 14:00	32552	11.06	268.1	28.59	22.47	8.76	265.5	33.59	18.89	60.55	61.69	26.65	22.11	0	1042	26.22	4.33	-0.01	11.61
4/11/2013 15:00	32553	12.17	293	28.51	24.26	9.91	292.4	32.38	22.47	63.5	64.78	20.11	15.68	0	1038	26.21	4.32	-0.01	11.94
4/11/2013 16:00	32554	12.43	298.8	24.11	31.42	10.11	297.5	29.07	27.84	65.63	66.74	16.33	11.91	0	961	26.19	4.301	-0.019	11.95
4/11/2013 17:00	32555	13.08	303.9	22.29	24.26	10.66	303.4	25.72	22.47	68.1	69.13	12.46	8.08	0	818	26.17	4.279	-0.022	16.25
4/11/2013 18:00	32556	12.01	327.3	18.48	22.47	9.97	326.1	18.57	20.68	69.01	69.79	12.76	8.43	0	621.2	26.16	4.266	-0.013	14.09
4/11/2013 19:00	32557	9.62	330.9	26.68	20.68	7.955	328.9	26.58	20.68	69.54	69.78	13.19	9.23	0	393	26.15	4.232	-0.035	11.92
4/11/2013 20:00	32558	5.259	17.15	35.01	9.95	3.654	14.11	35.58	9.95	69.11	68.84	13.82	10.13	0	158.8	26.15	4.213	-0.018	11.9
4/11/2013 21:00	32559	5.669	72.39	9.4	8.16	3.056	73.45	12.43	4.578	64.55	62.44	17.14	14.16	0	5.506	26.15	4.204	-0.009	16.9
4/11/2013 22:00	32560	7.639	92.3	9.55	9.95	3.557	83.4	13.43	6.368	60.54	56.38	19.81	17.64	0	0.004	26.13	4.202	-0.003	15.9
4/11/2013 23:00	32561	8.15	106.5	4.16	9.95	4.049	89.3	10.34	6.368	57.88	53.05	21.55	19.8	0	0.002	26.13	4.193	-0.009	16.81
4/12/2013 0:00	32562	9.56	125.1	7.2	13.52	4.918	121.8	13.88	8.16	56.14	54.01	23.28	19.95	0	0.001	26.12	4.193	0	16.88
4/12/2013 1:00	32563	9.1	123.8	5.401	17.1	4.59	118.4	13.41	9.95	54.28	52.19	24.76	21.38	0	0.001	26.12	4.18	-0.013	16.97
4/12/2013 2:00	32564	7.775	133.9	5.787	9.95	3.309	124.6	12.36	6.368	52.78	49.88	25.61	22.91	0	0	26.11	4.174	-0.006	12.01
4/12/2013 3:00	32565	7.956	141.4	7.255	11.74	3.74	136.2	14.21	6.368	52.94	50.56	24.82	21.64	0	0	26.1	4.174	0	11.91

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1_	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/12/2013 4:00	32566	4.6	182.7	17.35	6.368	1.527	194.5	25.07	4.578	51.06	48.97	26.5	22.99	0	0.001	26.1	4.168	-0.006	15.46
4/12/2013 5:00	32567	3.784	176.1	13.78	8.16	0.78	158.5	15.96	4.578	50.02	47.38	27.2	24.31	0	0	26.09	4.165	-0.003	11.97
4/12/2013 6:00	32568	3.133	210.2	32.92	8.16	1.142	273.4	35.97	4.578	48.06	45.83	28.99	25.57	0	0	26.09	4.169	0.004	12.42
4/12/2013 7:00	32569	4.141	175	15.04	8.16	0.867	153.9	22.94	4.578	48.71	44.91	28.12	26.3	0	0	26.08	4.163	-0.006	11.87
4/12/2013 8:00	32570	3.96	69.91	34.8	11.74	2.631	48.52	11.68	8.16	48.32	45.75	28.51	25.85	0	19.25	26.1	4.163	0	11.99
4/12/2013 9:00	32571	6.282	56.98	14.33	13.52	4.009	52.71	16.84	9.95	46.69	47.88	33.78	27.8	0	194.9	26.14	4.149	-0.014	12.96
4/12/2013 10:00	32572	4.918	97.4	51.05	11.74	3.627	98.9	55.03	9.95	57.47	58.5	27.42	22.83	0	424.7	26.19	4.145	-0.004	11.92
4/12/2013 11:00	32573	4.981	65.86	50.75	11.74	3.814	54.41	55.59	9.95	62.26	62.98	25.3	21.73	0	512.8	26.26	4.141	-0.004	15.82
4/12/2013 12:00	32574	8.98	152	15.5	18.89	6.404	154.3	21.55	13.52	65.36	66.82	24.28	19.88	0	575.7	26.27	4.13	-0.01	11.61
4/12/2013 13:00	32575	9.98	159.3	20.09	18.89	7.1	161.8	25.22	17.1	71.1	72.96	20.49	16.56	0	837	26.29	4.124	-0.007	11.88
4/12/2013 14:00	32576	7.003	202.9	43.38	18.89	5.494	205.9	46.3	18.89	74.92	75.71	14.82	11.65	0	710.6	26.29	4.117	-0.007	15.76
4/12/2013 15:00	32577	7.104	263.3	62	31.42	5.594	258.8	64.23	24.26	78.49	78.76	11	8.15	0	775.4	26.28	4.107	-0.01	16.96
4/12/2013 16:00	32578	11.13	223.8	24.43	20.68	8.44	223.3	24.93	17.1	76.66	77.53	10.84	7.2	0	493.2	26.26	4.089	-0.019	15.29
4/12/2013 17:00	32579	7.979	224.1	48.76	18.89	6.159	221.9	47.16	15.31	79.75	80.4	9.21	5.696	0	722.9	26.23	4.073	-0.016	11.68
4/12/2013 18:00	32580	8.55	258.2	44.12	18.89	6.666	254.3	44.12	17.1	79.2	79.58	8.47	4.94	0	478.6	26.22	4.051	-0.022	11.81
4/12/2013 19:00	32581	8.85	315.1	80.8	18.89	6.575	315.1	78.48	15.31	77.36	77.53	9.95	6.504	0	202.1	26.2	4.038	-0.012	15.41
4/12/2013 20:00	32582	9	358.8	14.25	17.1	6.587	356.5	15.86	13.52	73.88	73.41	12.78	9.6	0	49.85	26.18	4.019	-0.019	16.6
4/12/2013 21:00	32583	7.478	30.61	13.97	11.74	4.252	27	15.33	8.16	70.23	69.28	15.13	11.86	0	3.024	26.17	4.001	-0.018	16.81
4/12/2013 22:00	32584	8.01	41.14	9.32	11.74	4.006	37.23	9.88	8.16	66.6	65.62	20.06	16.74	0	0.011	26.16	3.992	-0.009	11.69
4/12/2013 23:00	32585	7.963	82.6	23.25	11.74	4.185	77.66	27.78	8.16	61.47	59.85	25.27	22.23	0	0.005	26.17	3.979	-0.013	11.88
4/13/2013 0:00	32586	9.35	122.6	14.69	17.1	5.043	117.2	20.2	11.74	62.86	60.7	26.38	23.94	0	0.003	26.17	3.97	-0.009	11.91
4/13/2013 1:00	32587	3.813	96.2	40.54	11.74	2.129	65.8	29.09	4.578	61.38	59.13	32.07	29.48	0	0.004	26.18	3.97	0	16.99
4/13/2013 2:00	32588	3.72	80.4	12.86	6.368	1.819	59.75	11.05	4.578	61.16	57.37	35.48	34.08	0	0.002	26.16	3.971	0	11.84
4/13/2013 3:00	32589	4.981	94.7	18.46	8.16	2.791	67.33	14.17	4.578	60.29	56.06	38.81	38.15	0	0.001	26.15	3.962	-0.009	11.84
4/13/2013 4:00	32590	4.456	140.7	13.15	8.16	1.867	96	15.96	4.578	59.35	55.85	42.62	41.85	0	0	26.14	3.958	-0.003	16.83
4/13/2013 5:00	32591	3.56	128.1	12.81	8.16	1.927	80.2	17.26	6.368	58.04	55.26	46.68	44.7	0	0	26.14	3.958	0	11.94
4/13/2013 6:00	32592	6.09	114.2	16.4	9.95	3.13	86.7	16.91	4.578	56.88	53.46	50.31	48.42	0	0	26.14	3.962	0.003	15.49
4/13/2013 7:00	32593	6.654	90	6.162	8.16	3.174	73.94	9.79	4.578	55.16	52.17	53.67	50.67	0	0	26.14	3.949	-0.013	15.17
4/13/2013 8:00	32594	7.944	68.64	11.87	13.52	4.798	59.5	12.47	9.95	52.69	51.51	57.53	52.1	0	8.03	26.14	3.946	-0.003	17.02
4/13/2013 9:00	32595	7.964	72.96	21.51	13.52	5.14	67.04	25.44	9.95	54.1	54.45	56.49	49.96	0	175	26.16	3.946	0	12.2
4/13/2013 10:00	32596	9.74	116.9	12.26	17.1	6.871	115.7	18.72	13.52	59.01	60	59.1	52.08	0	309.1	26.18	3.938	-0.008	13.72
4/13/2013 11:00	32597	12.03	140.5	14.49	20.68	8.22	144.1	19.79	15.31	62.57	64.35	58.13	50.73	0	551.9	26.22	3.929	-0.01	15.92
4/13/2013 12:00	32598	9.84	151.9	20.64	24.26	7.1	154.6	23.98	18.89	67.19	69.25	51.38	45.44	0	920	26.24	3.924	-0.004	11.89
4/13/2013 13:00	32599	10.85	158.6	20.12	18.89	7.785	161.3	24.9	15.31	69.24	71.49	46.94	41.7	0	957	26.27	3.914	-0.01	11.68
4/13/2013 14:00	32600	10	149.6	20.81	18.89	7.224	152.5	26.75	15.31	70.23	72.58	46.59	41.48	0	1047	26.26	3.908	-0.006	12.13
4/13/2013 15:00	32601	9.37	156.6	26.62	22.47	6.914	159.2	32.43	22.47	71.83	74	44.95	40.5	0	912	26.24	3.892	-0.016	11.84
4/13/2013 16:00	32602	13.06	148.6	21.43	22.47	9.16	150.4	26.45	18.89	72.43	75	45.45	40.61	0	934	26.21	3.87	-0.022	11.84
4/13/2013 17:00	32603	15.62	156	17.73	27.84	10.45	158	22.03	22.47	72.08	74.6	45.49	40.47	0	776.1	26.18	3.851	-0.019	11.89
4/13/2013 18:00	32604	15.22	160.7	15.75	24.26	10.14	162.8	19.74	20.68	70.49	72.53	49.13	43.6	0	582.8	26.16	3.813	-0.038	11.57
4/13/2013 19:00	32605	16.87	169.8	12.39	26.05	10.93	172.6	17.28	18.89	70.78	71.99	49.26	44.77	0	362.2	26.14	3.807	-0.006	14.87
4/13/2013 20:00	32606	17.12	172.1	9.71	29.63	10.78	174.2	15.18	20.68	67.94	68.43	56.9	52.01	0	139.7	26.12	3.792	-0.015	11.81
4/13/2013 21:00	32607	13.49	166.5	10.06	20.68	8.32	168.5	15.04	15.31	64.62	64.29	63.42	58.47	0	6.305	26.1	3.773	-0.019	16.91
4/13/2013 22:00	32608	10.76	165.6	8.18	17.1	6.457	168.1	14.64	11.74	61.61	61.01	70.33	64.48	0	0.007	26.08	3.77	-0.003	11.8
4/13/2013 23:00	32609	12.39	172.1	8.34	22.47	7.506	174.3	14.24	13.52	59.73	59.22	76.83	69.8	0	0.005	26.07	3.761	-0.009	16.84
4/14/2013 0:00	32610	11.53	174.5	9.86	18.89	7.141	177.5	15.2	15.31	57.91	57.42	82.7	74.59	0	0.005	26.05	3.758	-0.003	11.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/14/2013 1:00	32611	10.26	182.9	10.23	26.05	6.418	185.7	15.2	20.68	56.16	55.7	89.9	80.5	0	0.002	26.04	3.755	-0.003	14.83
4/14/2013 2:00	32612	9.08	181	9.29	13.52	5.566	183.6	14.41	11.74	54.57	54.03	94.7	84.6	0	0.002	26.01	3.749	-0.006	11.81
4/14/2013 3:00	32613	10.02	180.7	10.25	15.31	6.056	184	15.78	11.74	53.63	53.06	96.5	86.5	0	0.002	25.99	3.743	-0.006	12.88
4/14/2013 4:00	32614	8.1	189.7	10.03	15.31	5.043	192.8	14.46	11.74	53.19	52.55	98	88.3	0	0.002	25.97	3.743	0	16.72
4/14/2013 5:00	32615	6.824	195.3	6.981	11.74	3.676	196.7	12.58	8.16	52.28	51.17	98.7	89.7	0	0	25.97	3.743	0	11.97
4/14/2013 6:00	32616	5.841	205.5	9.57	9.95	2.91	210.7	12.71	6.368	50.63	49.24	99.9	91.5	0	0	25.95	3.74	-0.003	11.93
4/14/2013 7:00	32617	3.194	236	15.57	6.368	1.485	257.3	30.8	4.578	48	47.08	99.9	93	0	0	25.95	3.743	0.003	11.96
4/14/2013 8:00	32618	4.164	200.2	36.69	8.16	1.525	167	60.27	4.578	47.35	45.08	99.9	99.9	0	14.03	25.95	3.74	-0.003	11.97
4/14/2013 9:00	32619	5.167	183.4	22.18	9.95	3.504	187.8	27.94	8.16	49.42	49.77	99.6	99.9	0	179.1	25.97	3.736	-0.003	16.79
4/14/2013 10:00	32620	7.684	223.4	16.7	15.31	6.079	222.6	16.33	11.74	58.51	58.98	68.62	70.99	0	438	26.01	3.732	-0.004	16.24
4/14/2013 11:00	32621	17.92	259.8	15.9	34.99	12.51	253.3	18.41	26.05	72.65	72.94	21.44	20.4	0	626.3	26.08	3.728	-0.004	11.94
4/14/2013 12:00	32622	20.2	264.6	12.47	31.42	13.92	258.6	16.18	26.05	77.27	78.05	12.2	9.8	0	812	26.12	3.715	-0.013	11.81
4/14/2013 13:00	32623	18.06	264.1	15.27	31.42	12.76	258.2	19.47	22.47	79.88	80.9	9.81	6.996	0	940	26.14	3.683	-0.032	11.89
4/14/2013 14:00	32624	18.95	255.2	16.12	29.63	13.77	250.3	18.8	24.26	81.8	82.8	8.93	5.838	0	1004	26.13	3.657	-0.026	17.04
4/14/2013 15:00	32625	18.05	254.2	15.99	33.21	13.35	248.8	17.93	24.26	83.5	84.5	8.25	5.157	0	1002	26.11	3.629	-0.029	12.16
4/14/2013 16:00	32626	18.4	253.5	14.25	34.99	13.48	248.5	16.51	26.05	84.1	85.1	8.01	4.889	0	927	26.09	3.587	-0.041	11.57
4/14/2013 17:00	32627	18.93	254	15.6	29.63	13.88	248.7	17.08	24.26	84.9	85.8	8.13	5.021	0	778.4	26.07	3.549	-0.038	14.58
4/14/2013 18:00	32628	19.56	254.3	16.04	31.42	14.02	249.4	17.86	24.26	85.1	85.8	8.37	5.227	0	573.9	26.05	3.518	-0.032	16.92
4/14/2013 19:00	32629	18.37	249.5	12.36	31.42	13.5	244.7	14.25	24.26	84.5	84.6	8.56	5.508	0	353.6	26.05	3.477	-0.041	11.81
4/14/2013 20:00	32630	17.28	247.7	11.19	27.84	12.65	242.8	12.92	22.47	82.6	82.3	9.41	6.452	0	135.9	26.05	3.455	-0.022	11.58
4/14/2013 21:00	32631	12.43	241	11.87	24.26	8.85	237.1	12.41	20.68	78.52	77.81	11.7	9.07	0	6.603	26.04	3.436	-0.019	11.78
4/14/2013 22:00	32632	10.99	225	9.73	22.47	7.571	224.1	11.51	17.1	74.96	73.84	14.94	12.55	0	0.031	26.04	3.427	-0.009	13.94
4/14/2013 23:00	32633	9.18	207.6	22.68	20.68	5.446	200.9	29.3	17.1	71.14	68.43	17.93	16.47	0	0.024	26.04	3.412	-0.015	16.58
4/15/2013 0:00	32634	11.78	219.3	19.05	27.84	8.19	215.7	23.87	20.68	73.47	71.92	14.83	12.58	0	0.015	26.05	3.399	-0.013	12.38
4/15/2013 1:00	32635	5.471	230.3	42.63	11.74	3.15	226.4	45.72	9.95	68.72	66.76	18.02	15.63	0	0.011	26.03	3.396	-0.003	11.76
4/15/2013 2:00	32636	11.47	217.4	16.17	20.68	7.174	217.1	16.11	17.1	66.78	65.31	19.56	16.75	0	0.005	26.03	3.39	-0.006	11.84
4/15/2013 3:00	32637	8.25	216.7	9.64	13.52	4.533	217.5	14.34	8.16	62.57	60.71	23.53	20.76	0	0.004	26.04	3.387	-0.003	15.81
4/15/2013 4:00	32638	6.844	221.4	10.56	11.74	3.345	217.9	15.01	8.16	62.04	59.09	25.25	23.62	0	0.001	26.03	3.381	-0.006	17.01
4/15/2013 5:00	32639	8.06	243.9	11.93	11.74	4.267	243.5	15.21	8.16	60.9	58.54	26.99	25.1	0	0.001	26.02	3.381	0	15.99
4/15/2013 6:00	32640	6.357	265.6	24.62	9.95	2.803	276.1	31.81	6.368	59.39	56.13	28.44	27.43	0	0.001	26.02	3.375	-0.006	12.3
4/15/2013 7:00	32641	7.191	270	19.4	11.74	3.704	267.7	26.96	8.16	56.97	54.52	30.3	28.56	0	0	26.01	3.372	-0.003	16.9
4/15/2013 8:00	32642	7.968	297.7	17.2	13.52	4.677	297.7	25.72	9.95	58.3	56.13	28.86	26.84	0	24.59	26.03	3.362	-0.01	16.87
4/15/2013 9:00	32643	10.24	276.4	11.48	18.89	6.657	271.3	18.54	15.31	64.44	64.58	23.89	20.4	0	209.1	26.06	3.348	-0.014	16.71
4/15/2013 10:00	32644	16.33	266	11.47	26.05	11.21	258.9	15.67	20.68	71.78	72.18	18.89	15.89	0	434.2	26.11	3.332	-0.016	11.85
4/15/2013 11:00	32645	17.55	262.6	12.76	27.84	12.31	256	15.96	20.68	74.71	75.35	16.46	13.57	0	642.9	26.16	3.322	-0.01	14.98
4/15/2013 12:00	32646	16.2	249	15.84	26.05	12.09	243.9	16.15	22.47	77.48	78.23	14.01	10.91	0	827	26.19	3.306	-0.016	11.81
4/15/2013 13:00	32647	15.78	256.4	14.8	26.05	11.57	251	17.24	20.68	80.1	81.1	11.51	8.44	0	957	26.21	3.284	-0.022	11.65
4/15/2013 14:00	32648	15.99	246.7	18.33	29.63	12.23	241.7	19.19	26.05	82.3	83.3	10.27	7.008	0	1021	26.2	3.255	-0.029	11.72
4/15/2013 15:00	32649	16.53	237.8	14.73	27.84	12.88	234.1	14.32	24.26	84	85.1	9.32	5.974	0	1013	26.19	3.223	-0.032	11.76
4/15/2013 16:00	32650	17.49	228.6	14.52	33.21	13.31	227.7	14.92	26.05	85	86.2	8.38	4.918	0	939	26.17	3.188	-0.035	11.87
4/15/2013 17:00	32651	19.67	236.6	13.22	34.99	15.16	232.5	12.94	29.63	85.1	86.1	8.03	4.591	0	796.5	26.15	3.153	-0.035	11.58
4/15/2013 18:00	32652	21.55	231.1	13.53	36.78	16.38	229.1	13.4	29.63	85.5	86.3	7.68	4.19	0	606.4	26.13	3.122	-0.032	11.7
4/15/2013 19:00	32653	22.48	226.5	10.98	36.78	16.7	225.9	12.05	31.42	85.5	85.9	7.046	3.645	0	386	26.12	3.093	-0.028	11.74
4/15/2013 20:00	32654	20.84	228.4	8.61	33.21	15.77	227.7	10.35	26.05	84.2	84.1	7.248	3.839	0	160.9	26.13	3.052	-0.041	12.16
4/15/2013 21:00	32655	14.68	232.5	7.622	29.63	11.1	231.3	8.76	24.26	80.4	79.72	8.91	5.731	0	7.59	26.13	3.03	-0.022	11.71

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/15/2013 22:00	32656	9.35	236.9	9.27	13.52	6.221	235	10.01	9.95	74.62	73.47	12.57	9.58	0	0.028	26.12	3.018	-0.012	11.72
4/15/2013 23:00	32657	10.22	238.6	8.11	17.1	6.521	236.9	9.48	13.52	72.6	71.07	12.96	9.99	0	0.021	26.12	3.012	-0.006	15.26
4/16/2013 0:00	32658	9.63	244.6	7.344	18.89	5.966	241.6	9.55	13.52	72.9	71	11.58	8.69	0	0.011	26.12	2.987	-0.025	16.78
4/16/2013 1:00	32659	8.95	225.9	9.99	15.31	4.836	227.2	13.08	8.16	69.61	66.69	12.98	10.37	0	0.011	26.12	2.98	-0.006	12.22
4/16/2013 2:00	32660	6.135	242.2	37.82	11.74	2.828	224.1	60.89	8.16	68.46	62.91	13.56	12.5	0	0.005	26.11	2.971	-0.009	11.69
4/16/2013 3:00	32661	7.358	230.4	22.54	11.74	3.296	234.7	35.91	6.368	66.38	61.64	14.83	13.08	0	0.002	26.11	2.975	0.004	11.98
4/16/2013 4:00	32662	6.917	279.4	8.16	9.95	2.997	308.1	12.22	4.578	64.28	57.64	16.74	16.4	0	0.001	26.09	2.968	-0.006	15.96
4/16/2013 5:00	32663	5.592	168.8	31.34	13.52	2.582	124.5	37.86	8.16	61.26	55.11	19.02	18.73	0	0	26.08	2.966	-0.003	11.58
4/16/2013 6:00	32664	4.378	168.2	16.58	8.16	1.216	105.7	27.55	4.578	60.73	54.37	19.49	19.58	0	0	26.07	2.969	0.003	12.06
4/16/2013 7:00	32665	5.622	176.7	10.83	11.74	1.409	156.1	20.08	4.578	57.13	52.58	22.78	21.16	0	0	26.08	2.962	-0.006	11.42
4/16/2013 8:00	32666	5.041	167.6	27.61	9.95	2.104	136.1	34.92	6.368	57.42	53.38	23.24	21.49	0	27.13	26.1	2.959	-0.003	11.9
4/16/2013 9:00	32667	5.817	160.2	15.89	9.95	3.553	159.8	22.17	8.16	63.95	64.86	19.37	14.62	0	215.4	26.14	2.949	-0.01	14.05
4/16/2013 10:00	32668	8.08	207.5	18.21	13.52	6.083	208.6	18.87	9.95	72.72	73.53	13.84	9.96	0	440.4	26.21	2.945	-0.004	16.05
4/16/2013 11:00	32669	6.145	283.4	38.29	13.52	4.962	283	42.44	9.95	77.36	77.66	11.4	8.16	0	644.5	26.27	2.935	-0.01	15.99
4/16/2013 12:00	32670	5.791	270.5	31.03	13.52	4.657	267.4	37.23	11.74	81.5	81.7	9.59	6.62	0	826	26.3	2.925	-0.01	16.86
4/16/2013 13:00	32671	5.023	234.6	88.2	17.1	3.853	231.7	80.3	13.52	86.4	86.8	7.052	4.3	0	956	26.31	2.912	-0.013	11.83
4/16/2013 14:00	32672	8.34	177	44.17	18.89	6.349	179.5	49.23	15.31	87.3	88.5	6.017	2.607	0	1022	26.3	2.893	-0.019	11.54
4/16/2013 15:00	32673	11.49	193.2	24.5	22.47	8.39	195.2	26.55	22.47	88	89.6	5.397	1.933	0	1013	26.27	2.855	-0.038	15.81
4/16/2013 16:00	32674	12.6	203.6	25.11	26.05	9.21	204.8	25.55	20.68	88.9	90.5	4.935	1.841	0	941	26.25	2.827	-0.029	11.78
4/16/2013 17:00	32675	13.57	203.4	22.63	24.26	9.73	205.1	24.64	20.68	89.5	91.1	4.73	1.829	0	759.8	26.23	2.789	-0.038	16.21
4/16/2013 18:00	32676	11.88	207	19.09	24.26	8.84	209.4	21.32	18.89	89.4	90.2	4.712	1.833	0	540.4	26.2	2.748	-0.041	16.77
4/16/2013 19:00	32677	14.78	188.2	14.55	29.63	9.76	190.2	19.12	18.89	89.2	90	4.606	1.816	0	387.5	26.19	2.719	-0.028	16.63
4/16/2013 20:00	32678	11.28	196.9	19.38	17.1	7.513	199	21.28	13.52	88.4	88.4	4.6	1.809	0	162.5	26.18	2.697	-0.022	15.52
4/16/2013 21:00	32679	7.33	187.2	20.65	15.31	3.581	175.7	35.63	9.95	82.8	79.73	6.635	4.119	0	9.47	26.17	2.675	-0.022	16.78
4/16/2013 22:00	32680	6.455	150.3	50.56	9.95	2.71	101	39.73	6.368	77.55	71.8	9.04	7.858	0	0.009	26.15	2.666	-0.009	11.72
4/16/2013 23:00	32681	5.284	112.5	70.28	15.31	3.157	76.19	50.15	11.74	75.25	70.51	14	12.68	0	0.005	26.16	2.663	-0.003	12.1
4/17/2013 0:00	32682	7.979	113.2	23.26	17.1	4.844	109.5	29.28	13.52	74.7	73.14	37.16	36.89	0	0.013	26.16	2.66	-0.003	14.97
4/17/2013 1:00	32683	13.27	158.7	13.55	24.26	7.993	159.3	18.19	17.1	73.57	72.86	56.1	54.01	0	0.018	26.16	2.657	-0.003	12.25
4/17/2013 2:00	32684	14.42	169.8	7.857	22.47	8.63	171.6	14.2	17.1	72	71.37	65.44	62.45	0	0.017	26.14	2.657	0	11.53
4/17/2013 3:00	32685	15.14	170.6	8.34	26.05	9	172.7	14.54	18.89	70.93	70.26	68.34	64.98	0	0.012	26.12	2.657	0	11.78
4/17/2013 4:00	32686	13.37	178	14.59	24.26	8.17	180.4	18.8	17.1	69.85	69.24	72.29	68.15	0	0.021	26.12	2.651	-0.006	16.9
4/17/2013 5:00	32687	13.74	191.6	9.62	24.26	8.65	194.5	14.36	17.1	68.25	67.76	82.1	76.24	0	0.009	26.11	2.651	0	16.72
4/17/2013 6:00	32688	9.22	185.9	10.27	20.68	5.704	187.2	15.93	17.1	66.18	65.63	89.8	82.9	0	0.008	26.1	2.657	0.006	13.2
4/17/2013 7:00	32689	5.366	182.1	11.6	9.95	2.305	186.2	13.93	6.368	63.49	62.33	96.1	88.5	0	0.067	26.09	2.654	-0.003	11.76
4/17/2013 8:00	32690	5.483	183	10.79	11.74	2.467	187.3	14.41	8.16	61.71	60.62	99.3	93.8	0	20.87	26.09	2.651	-0.003	11.65
4/17/2013 9:00	32691	11.34	179.9	9.78	20.68	7.275	183.4	15.6	15.31	64.57	64.69	94	92	0	191	26.1	2.644	-0.006	16.76
4/17/2013 10:00	32692	14.36	196.2	10.11	20.68	9.77	198.8	14.44	17.1	70.1	71.07	66.12	61.47	0	424	26.13	2.641	-0.003	15.91
4/17/2013 11:00	32693	15.07	214.5	12.97	26.05	11.05	215.9	14.72	22.47	76.02	77	34.7	33.67	0	635.1	26.16	2.628	-0.014	11.72
4/17/2013 12:00	32694	23.11	226.6	10.77	40.36	17.42	226.5	12.15	33.21	81.2	82.1	9.66	7.171	0	832	26.17	2.59	-0.038	13.41
4/17/2013 13:00	32695	22.3	224.2	11.22	34.99	16.56	224.1	12.78	29.63	83.4	84.7	6.746	3.569	0	967	26.16	2.57	-0.019	11.79
4/17/2013 14:00	32696	21.21	224.2	13.03	34.99	15.95	224.3	14.03	31.42	85.2	86.6	4.878	1.993	0	1031	26.14	2.535	-0.035	11.73
4/17/2013 15:00	32697	22.46	222.4	13.91	36.78	16.89	222.4	14.86	31.42	86.4	88	4.062	1.817	0	1027	26.12	2.497	-0.038	11.78
4/17/2013 16:00	32698	23.34	235.1	13.35	40.36	18.17	233.6	13.67	31.42	87.6	88.6	3.064	1.825	0	955	26.1	2.45	-0.048	12.4
4/17/2013 17:00	32699	21.68	226.7	14.66	38.57	16.27	226.2	14.66	31.42	88.6	89.8	2.424	1.829	0	811	26.07	2.415	-0.035	17.04
4/17/2013 18:00	32700	21.17	230.3	14.06	38.57	16.02	229	14.46	29.63	88.8	89.5	1.245	1.838	0	620.5	26.05	2.38	-0.035	11.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/17/2013 19:00	32701	22.74	238.2	11.66	36.78	17.53	235.9	11.75	31.42	88.4	88.4	0.828	1.816	0	390.1	26.04	2.342	-0.038	11.4
4/17/2013 20:00	32702	19.2	242.7	9.63	34.99	14.82	239.3	10.25	29.63	86.3	86.1	1.511	1.801	0	128.8	26.03	2.288	-0.054	11.66
4/17/2013 21:00	32703	12.97	245.5	8.43	24.26	9.6	241.2	9.46	20.68	82.5	81.8	2.897	1.754	0	5.844	26.02	2.273	-0.016	15.27
4/17/2013 22:00	32704	15.81	266.7	14.78	36.78	11.07	261.5	17.71	29.63	79.69	78.99	4.802	1.99	0	0.037	26.04	2.257	-0.016	11.57
4/17/2013 23:00	32705	25.14	290.1	10.19	47.52	18.98	289.1	14.75	38.57	76.41	76.12	12.16	8.82	0	0.047	26.08	2.247	-0.009	12.93
4/18/2013 0:00	32706	27.76	328.7	17.98	49.31	22.79	327.3	17.66	38.57	65.88	65.94	23.88	20.15	0	0.021	26.13	2.242	-0.006	15.86
4/18/2013 1:00	32707	23.24	355.3	16.9	74.36	17.41	351.6	17.57	52.89	58.76	58.89	32.85	28.48	0	0.001	26.15	2.226	-0.016	11.67
4/18/2013 2:00	32708	18.52	15.44	11.31	27.84	13.84	11.96	12.73	24.26	49.13	49.46	63.69	55.53	0	0	26.17	2.223	-0.002	13.97
4/18/2013 3:00	32709	19.58	17.81	10.79	31.42	14.54	14.63	12.37	29.63	44.31	44.54	71.26	61.76	0	0	26.15	2.211	-0.013	13.52
4/18/2013 4:00	32710	19.88	18.13	11.39	33.21	14.72	14.58	12.36	31.42	41.44	41.64	69	59.66	0	0	26.16	2.215	0.004	14.61
4/18/2013 5:00	32711	17.93	23.59	9.67	31.42	13.06	19.07	11.52	27.84	39.19	39.34	69.97	60.14	0	0	26.18	2.192	-0.022	16.44
4/18/2013 6:00	32712	14.02	13.48	11.35	31.42	10.4	9.45	12.5	24.26	38.89	39.02	70.47	60.52	0	0	26.18	2.186	-0.006	16.16
4/18/2013 7:00	32713	18.17	19.46	11.58	27.84	13.03	15.89	13.36	26.05	37.16	37.3	63.39	54.36	0	0	26.19	2.183	-0.003	16.5
4/18/2013 8:00	32714	15.13	26.49	9.6	27.84	10.27	22.63	12.29	24.26	35.83	35.96	64	54.6	0	28.48	26.22	2.186	0.003	11.83
4/18/2013 9:00	32715	20.06	23.46	9.96	34.99	14.31	19.82	11.53	31.42	36.21	36.9	61.6	52.07	0	214	26.24	2.183	-0.003	11.92
4/18/2013 10:00	32716	18.5	23.73	10.96	31.42	13.2	20.4	12.73	27.84	38.01	38.89	54.92	46.49	0	445.6	26.27	2.177	-0.006	11.86
4/18/2013 11:00	32717	15.35	19.65	13.16	26.05	11.02	16.8	13.96	24.26	41.38	42.52	46.91	40.03	0	662.7	26.31	2.17	-0.007	11.8
4/18/2013 12:00	32718	13.61	18.43	14.86	24.26	9.88	15.63	16.76	20.68	44.24	45.64	40.28	34.6	0	861	26.35	2.16	-0.01	12.18
4/18/2013 13:00	32719	11.76	359.9	19.32	22.47	9.17	356.4	21.42	18.89	47.52	49.24	36.55	31.08	0	1001	26.38	2.153	-0.007	15.32
4/18/2013 14:00	32720	10.52	356.3	28.94	22.47	8.1	352.2	30.08	18.89	50.84	52.56	33.23	28.12	0	1068	26.38	2.134	-0.019	11.94
4/18/2013 15:00	32721	10.9	347.6	29.8	24.26	8.62	345.4	31.33	20.68	53.59	55.4	29.28	24.11	0	1058	26.38	2.121	-0.013	11.9
4/18/2013 16:00	32722	10.55	342.2	32.07	26.05	8.23	340.1	32.83	24.26	56.07	57.65	25.78	20.87	0	977	26.38	2.115	-0.006	15.5
4/18/2013 17:00	32723	11.88	345	31.78	24.26	9.31	342.5	32.36	20.68	57.11	58.83	23.5	18.32	0	839	26.36	2.096	-0.019	16.96
4/18/2013 18:00	32724	10.86	352.5	38.45	22.47	8.21	350.6	37.91	18.89	57.88	59.3	21.91	16.81	0	643.5	26.36	2.09	-0.006	15.28
4/18/2013 19:00	32725	10.69	17.7	26.76	20.68	7.429	13.31	29.47	17.1	57.68	58.51	20.05	15.07	0	399.5	26.35	2.055	-0.035	11.85
4/18/2013 20:00	32726	12.4	37.28	14.39	20.68	7.228	33.91	16.99	15.31	55.91	56.44	20.24	15.14	0	168.8	26.35	2.036	-0.019	11.86
4/18/2013 21:00	32727	10.7	58.22	11.69	18.89	6.479	55.08	17.13	13.52	52.82	52.52	22.03	17.04	0	10.84	26.34	2.033	-0.003	15.73
4/18/2013 22:00	32728	10.52	66.12	8.23	17.1	6.905	62.63	14.15	11.74	49.53	49.07	24.14	18.93	0	0	26.35	2.024	-0.009	11.77
4/18/2013 23:00	32729	10.71	64.57	10.91	18.89	6.636	60.92	16.42	13.52	46.54	45.98	27.63	22.3	0	0	26.37	2.017	-0.006	16.94
4/19/2013 0:00	32730	12.39	54.74	9.28	18.89	7.222	50.31	14.52	13.52	44.93	44.56	31.54	26.14	0	0	26.39	2.018	0	13.32
4/19/2013 1:00	32731	9.82	65.8	10.14	20.68	6.214	64.2	16.19	13.52	42.28	41.75	35.48	30.15	0	0	26.4	2.005	-0.012	16.89
4/19/2013 2:00	32732	7.593	52.74	15.21	11.74	4.316	48.93	19.98	9.95	40.83	40.13	36.92	31.7	0	0	26.41	2.008	0.003	14.03
4/19/2013 3:00	32733	5.809	33.75	11.32	9.95	2.975	28.99	14.28	6.368	39.06	38.6	39.11	33.43	0	0	26.41	2.002	-0.006	11.88
4/19/2013 4:00	32734	7.309	50.32	12.66	11.74	4.09	47.89	17.31	8.16	38.93	38.2	39.74	34.33	0	0	26.4	1.999	-0.003	16.41
4/19/2013 5:00	32735	6.336	55.29	10.23	9.95	3.751	54.93	14.89	8.16	38.28	37.32	40.52	35.27	0	0	26.4	1.996	-0.003	11.38
4/19/2013 6:00	32736	6.984	54.8	10.27	11.74	4.305	55.08	15.26	8.16	37.07	36.14	42.28	36.6	0	0	26.4	1.996	0	11.83
4/19/2013 7:00	32737	3.284	33.68	61.4	9.95	1.549	41.46	58.85	6.368	33.54	31.89	47.62	41.08	0	0	26.42	1.99	-0.006	11.75
4/19/2013 8:00	32738	3.816	43.55	12.69	6.368	1.512	45.98	11.88	4.578	34.08	33.1	46.12	39.84	0	34.09	26.44	1.99	0	16.79
4/19/2013 9:00	32739	5.563	96.5	27.96	13.52	3.926	92.4	34.87	9.95	38.66	40.24	39.69	32.6	0	224.7	26.47	1.986	-0.004	16.76
4/19/2013 10:00	32740	9.49	149.2	15.81	15.31	6.417	151.8	21.27	13.52	43.42	45.24	35.29	28.44	0	456.8	26.52	1.973	-0.013	11.9
4/19/2013 11:00	32741	8.86	175.6	20.32	15.31	6.149	178	24.4	11.74	47.05	48.7	31.7	25.07	0	676.6	26.56	1.963	-0.01	15.91
4/19/2013 12:00	32742	10.04	199.4	22.53	18.89	7.378	202.5	23.92	15.31	50.55	52.25	28.72	22.29	0	872	26.59	1.95	-0.013	11.89
4/19/2013 13:00	32743	10.86	216.7	24.13	18.89	8.15	217.4	24.51	15.31	54.25	55.64	25.4	19.56	0	1009	26.59	1.94	-0.01	11.89
4/19/2013 14:00	32744	11.17	212.2	19.34	22.47	8.43	213	20.65	17.1	57.53	59.11	20.76	15.04	0	1076	26.57	1.925	-0.016	16.95
4/19/2013 15:00	32745	10.76	223	23.7	20.68	8.06	222.5	23.11	17.1	59.97	61.39	17.42	11.87	0	1071	26.55	1.921	-0.004	12.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/19/2013 16:00	32746	11.27	208.8	21.86	24.26	8.38	212	22.69	18.89	61.77	63.27	15.46	9.91	0	994	26.53	1.899	-0.022	16.98
4/19/2013 17:00	32747	13.01	217.8	19.85	29.63	9.68	218.8	21.55	20.68	62.99	64.41	14.79	9.26	0	848	26.49	1.87	-0.028	11.77
4/19/2013 18:00	32748	13.86	201	20.14	22.47	9.84	203.8	22.56	18.89	63.63	65.08	13.6	8.09	0	649.1	26.46	1.861	-0.009	15.79
4/19/2013 19:00	32749	12.99	206.8	15.15	22.47	9.29	209	17.81	18.89	64.02	64.8	12.44	7.12	0	418.8	26.43	1.848	-0.012	12.71
4/19/2013 20:00	32750	12.96	201.5	12.63	18.89	8.7	203.8	16.09	15.31	63.06	63.41	13.69	8.52	0	179.4	26.4	1.839	-0.009	11.87
4/19/2013 21:00	32751	8.48	174.9	13.33	17.1	4.249	172.7	20.26	11.74	58.87	57.14	16.5	12.1	0	11.26	26.37	1.836	-0.003	11.81
4/19/2013 22:00	32752	7.496	148.4	6.944	9.95	2.825	133.7	13.55	4.578	53.87	50.04	19.91	16.4	0	0	26.34	1.833	-0.003	16.27
4/19/2013 23:00	32753	7.484	148.5	7.115	9.95	3.252	142.9	13.53	6.368	51.14	48.35	22.8	18.8	0	0	26.32	1.83	-0.003	11.82
4/20/2013 0:00	32754	8.12	155	6.843	11.74	3.812	152.3	13.15	8.16	49.44	47.31	25.56	21.28	0	0	26.3	1.827	-0.003	11.41
4/20/2013 1:00	32755	8.57	169.8	8.42	15.31	4.256	172.5	15.4	8.16	48.82	47.08	29.6	25.39	0	0	26.28	1.824	-0.003	16.84
4/20/2013 2:00	32756	10.29	173.5	7.812	18.89	5.53	175.8	15.38	13.52	49.25	47.76	31.01	27.03	0	0	26.27	1.827	0.003	11.84
4/20/2013 3:00	32757	13.14	177.7	8.38	20.68	7.785	181.2	15.8	13.52	51.12	50.3	30.28	25.92	0	0	26.27	1.821	-0.007	11.87
4/20/2013 4:00	32758	10.62	186.1	8.41	18.89	6.416	190.2	14.51	13.52	49.14	48.23	33.54	29.28	0	0.001	26.26	1.821	0	11.87
4/20/2013 5:00	32759	7.754	182.9	7.655	13.52	3.866	185.9	14.88	8.16	45.57	44.15	38.26	34.16	0	0	26.24	1.821	0	11.88
4/20/2013 6:00	32760	7.918	184.6	8.28	13.52	4.248	191.1	14.54	8.16	43.79	42.37	40.64	36.46	0	0	26.22	1.812	-0.009	16.88
4/20/2013 7:00	32761	6.948	183.9	9.67	11.74	3.443	191.8	15.19	8.16	42.99	41.46	41.88	37.6	0	0	26.21	1.818	0.006	14.91
4/20/2013 8:00	32762	6.545	188.8	10.12	11.74	3.394	194.7	15.2	9.95	43.43	42.02	41.42	37.1	0	35.72	26.2	1.815	-0.003	11.94
4/20/2013 9:00	32763	12.26	182.4	9.78	20.68	7.634	185.5	16.47	15.31	49.47	50.18	34.54	29.08	0	231.9	26.23	1.808	-0.007	16.15
4/20/2013 10:00	32764	16	186.9	10.09	24.26	10.32	189.7	15.59	18.89	55.56	56.8	29.28	24	0	463.1	26.27	1.808	0	11.86
4/20/2013 11:00	32765	16.65	190.8	10.96	24.26	10.95	194.3	16.44	18.89	60.17	61.82	25.1	19.95	0	681.5	26.31	1.801	-0.007	11.87
4/20/2013 12:00	32766	15	193.6	12.16	24.26	10.31	196.7	17.05	20.68	65.43	67.3	19.79	15.03	0	877	26.33	1.797	-0.004	17
4/20/2013 13:00	32767	14.86	204.8	14.34	27.84	10.65	207.6	17.17	20.68	70.21	72.09	15.28	10.87	0	1007	26.33	1.8	0.003	15.15
4/20/2013 14:00	32768	14.54	210.8	19.4	27.84	10.73	212.7	20.89	20.68	73.5	75.26	12.31	8.23	0	1067	26.32	1.788	-0.013	11.93
4/20/2013 15:00	32769	15.13	214.5	20.88	40.36	11.25	216.5	23.74	33.21	76.21	77.79	9.07	5.051	0	1049	26.3	1.784	-0.003	11.88
4/20/2013 16:00	32770	15.4	217.4	21.6	29.63	11.37	219.6	22.61	22.47	78.6	80.2	6.116	2.32	0	962	26.27	1.781	-0.003	12.08
4/20/2013 17:00	32771	16.48	227.7	19.28	34.99	12.61	228.7	20.04	24.26	80.2	81.4	4.696	1.788	0	818	26.23	1.775	-0.006	11.59
4/20/2013 18:00	32772	18.35	249.8	16.56	33.21	14.61	248.5	17.56	26.05	80.7	81.2	2.28	1.762	0	630.9	26.21	1.775	0	15.32
4/20/2013 19:00	32773	17.04	259.5	16.32	29.63	13.43	258.5	17.43	26.05	80.8	80.9	2.685	1.763	0	409.3	26.19	1.769	-0.006	11.83
4/20/2013 20:00	32774	14.06	259.3	11.4	24.26	11.11	257.3	12.91	20.68	79.33	79.01	2.617	1.765	0	175.3	26.19	1.766	-0.003	11.72
4/20/2013 21:00	32775	12.63	257.5	17.29	22.47	9.67	255.9	18.25	18.89	75.69	74.73	3.304	1.724	0	12.16	26.19	1.762	-0.003	11.85
4/20/2013 22:00	32776	10.75	318.3	13.85	20.68	7.835	318.7	14.91	17.1	71.41	70.2	5.735	1.811	0	0.026	26.2	1.76	-0.003	11.97
4/20/2013 23:00	32777	6.265	330	33.73	11.74	3.745	322	42.5	9.95	65.27	62.04	9.2	4.722	0	0.011	26.2	1.76	0	11.8
4/21/2013 0:00	32778	3.611	355.4	51.52	15.31	1.025	196	50.44	9.95	60.15	56.38	13.14	8.44	0	0.002	26.19	1.763	0.004	14.32
4/21/2013 1:00	32779	5.672	199.9	57.98	9.95	2.8	215	82.2	6.368	56.15	52.51	21.33	15.97	0	0.001	26.19	1.757	-0.006	11.83
4/21/2013 2:00	32780	5.715	258	10.9	8.16	2.999	273.3	18.68	6.368	56.17	52.01	27.57	23.83	0	0	26.2	1.767	0.01	13.29
4/21/2013 3:00	32781	5.532	230.8	16.98	11.74	2.685	257.7	31.22	9.95	55.53	52.28	30.95	28.63	0	0	26.21	1.764	-0.003	11.89
4/21/2013 4:00	32782	5.958	260.2	15.54	9.95	3.181	272.1	19.29	6.368	55.47	51.51	31.63	30.35	0	0	26.21	1.757	-0.006	16.93
4/21/2013 5:00	32783	6.019	301.6	18.69	9.95	2.643	308.1	25.04	6.368	52.11	48.05	34.21	32.95	0	0	26.22	1.757	0	11.81
4/21/2013 6:00	32784	5.362	293.4	42.23	9.95	2.719	316.3	55.08	8.16	50.47	45.73	32.5	32.26	0	0	26.21	1.758	0	16.85
4/21/2013 7:00	32785	6.292	313.7	39.53	9.95	3.544	304	54.78	6.368	48.86	45.81	32.93	30.15	0	0.003	26.22	1.758	0	15.74
4/21/2013 8:00	32786	3.043	284.2	30.69	6.368	1.314	248.9	48.26	4.578	45.94	42.61	34.63	31.89	0	34.92	26.24	1.761	0.003	11.81
4/21/2013 9:00	32787	3.262	285.5	20.52	9.95	2.309	298.3	25.59	8.16	52.51	53.33	30.27	25.08	0	226.7	26.28	1.757	-0.004	11.71
4/21/2013 10:00	32788	8.56	283.9	12.86	13.52	7.195	283.1	16.21	11.74	60.48	61.12	26.1	21.84	0	458.2	26.34	1.757	-0.001	11.62
4/21/2013 11:00	32789	11.62	296.4	12.47	18.89	9.69	296.8	16.08	15.31	68.36	68.78	20.26	16.86	0	677.3	26.39	1.756	0	11.9
4/21/2013 12:00	32790	12.01	297.3	22.94	24.26	10	296.6	25.22	18.89	73.8	74.41	13.47	10.26	0	869	26.44	1.756	0	12.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/21/2013 13:00	32791	14.18	292.5	21.09	29.63	11.87	292.1	24.49	24.26	75.37	76.3	11.15	7.703	0	1004	26.45	1.762	0.006	14.49
4/21/2013 14:00	32792	14.09	294.7	24.01	33.21	11.71	293.9	26.93	27.84	76.9	77.81	7.455	3.67	0	1073	26.44	1.753	-0.01	17.01
4/21/2013 15:00	32793	14.68	301.7	16.26	29.63	12.14	302.8	18.32	24.26	77.65	78.72	7.097	3.064	0	1066	26.42	1.756	0.003	15.22
4/21/2013 16:00	32794	13.45	297.5	19.92	26.05	11.09	297.1	22.55	20.68	79.03	79.99	6.84	2.937	0	982	26.41	1.749	-0.006	16.97
4/21/2013 17:00	32795	13.2	283.3	22.86	26.05	10.91	283.4	25.02	22.47	80.1	81	7.151	3.323	0	832	26.39	1.746	-0.003	11.67
4/21/2013 18:00	32796	10.82	273.4	24.12	22.47	8.96	272.6	26.15	18.89	81	81.4	7.167	3.452	0	636	26.37	1.746	0	15.59
4/21/2013 19:00	32797	8.27	261.6	33.53	17.1	6.685	264	35.18	15.31	81.4	81.3	6.981	3.441	0	410.8	26.36	1.746	0	16.15
4/21/2013 20:00	32798	7.804	242.4	32.55	15.31	5.929	245	32.1	11.74	80.5	80.3	6.988	3.446	0	179.2	26.35	1.743	-0.003	11.75
4/21/2013 21:00	32799	4.186	170.3	49.1	8.16	2.108	120.6	64.33	4.578	76.62	73.14	8.44	6.403	0	12.04	26.33	1.743	0	16.02
4/21/2013 22:00	32800	6.65	121.9	23.16	9.95	3.039	85.6	16.7	4.578	73.26	65.48	10.06	9.92	0	0.01	26.31	1.741	-0.003	15.95
4/21/2013 23:00	32801	6.819	137.1	10.28	9.95	2.595	95.7	20.46	4.578	67.71	61.95	13.68	12.08	0	0.004	26.3	1.75	0.01	15.1
4/22/2013 0:00	32802	8.03	161.1	11.07	11.74	3.296	159.8	21.33	6.368	63.48	60.35	16.58	13.54	0	0.001	26.29	1.741	-0.009	11.82
4/22/2013 1:00	32803	7.405	174.9	6.943	13.52	2.572	172.1	16.39	6.368	60.4	56.76	19.02	16.13	0	0.001	26.29	1.738	-0.003	16.84
4/22/2013 2:00	32804	10.72	172.8	8.42	17.1	5.48	176.4	17.23	11.74	60.52	58.87	23.38	19.68	0	0	26.27	1.744	0.006	11.83
4/22/2013 3:00	32805	7.104	185.6	9.43	13.52	3.157	189.5	16.37	8.16	58.01	56.21	33.09	29.74	0	0.001	26.26	1.738	-0.006	16.22
4/22/2013 4:00	32806	6.262	195	9.55	9.95	2.871	199.2	16.51	6.368	57.38	55.22	44.31	41.72	0	0.001	26.23	1.744	0.006	11.88
4/22/2013 5:00	32807	5.229	183.8	9.55	8.16	1.415	165.4	15.86	4.578	55.02	51.74	52.4	50.35	0	0	26.22	1.741	-0.003	11.61
4/22/2013 6:00	32808	4.879	190	12.28	8.16	1.513	196.6	19.06	4.578	53.51	50.81	57.93	54.87	0	0	26.2	1.741	0	11.93
4/22/2013 7:00	32809	5.722	193.9	7.251	8.16	1.568	190.9	10.64	4.578	53.32	49.58	61.38	59.39	0	0.015	26.2	1.738	-0.003	15.25
4/22/2013 8:00	32810	4.945	209.1	11.7	8.16	1.279	213.5	17.49	4.578	52.69	49.63	63.45	60.11	0	39.66	26.2	1.741	0.003	11.88
4/22/2013 9:00	32811	7.725	222.1	10.78	13.52	5.768	224.5	12.88	11.74	56.18	56.71	58.25	51.14	0	236	26.23	1.744	0.003	13.03
4/22/2013 10:00	32812	12.27	209.2	9.49	18.89	8.78	211.9	12.8	15.31	62.74	63.83	49.33	44.36	0	465.6	26.28	1.747	0.003	15.36
4/22/2013 11:00	32813	12.5	216.2	11.47	18.89	9.29	218	14.47	15.31	69.14	70.13	36.58	33.93	0	679.4	26.33	1.74	-0.007	16.96
4/22/2013 12:00	32814	11.03	225.8	16.95	18.89	8.63	226.5	18.69	15.31	75.2	76.01	24.34	22.25	0	863	26.37	1.74	0	16.89
4/22/2013 13:00	32815	8.65	232.4	24.22	17.1	7.042	232.6	27.37	15.31	81	81.5	15.5	13.35	0	982	26.38	1.74	0	11.86
4/22/2013 14:00	32816	8.23	215.9	31.19	17.1	6.523	217.1	33.38	17.1	85.2	85.9	11.37	8.97	0	1038	26.36	1.74	0	12.27
4/22/2013 15:00	32817	9.88	216.9	35.08	26.05	7.667	219.1	37.37	18.89	87.6	88.4	6.928	4.079	0	1031	26.34	1.737	-0.003	12.66
4/22/2013 16:00	32818	13.64	231.2	29.1	27.84	10.68	230.9	27.48	22.47	88.7	89.9	4.349	1.845	0	957	26.31	1.737	0	11.74
4/22/2013 17:00	32819	12.46	250.1	29.87	26.05	9.92	248.3	30.18	24.26	89.8	90.5	3.113	1.84	0	815	26.28	1.737	0	17.07
4/22/2013 18:00	32820	10.86	238.8	33.32	27.84	8.61	241.1	33.77	20.68	90.4	90.7	2.504	1.834	0	620.9	26.24	1.734	-0.003	11.74
4/22/2013 19:00	32821	15.22	227.3	18.74	29.63	11.49	227.9	19.97	24.26	90.3	90.5	1.96	1.839	0	404.8	26.22	1.734	0	12.46
4/22/2013 20:00	32822	16.41	230.5	10.29	29.63	12.25	230.2	11.79	24.26	88.5	88.2	2.035	1.821	0	178.8	26.21	1.734	0	11.62
4/22/2013 21:00	32823	10.18	218.5	7.617	17.1	6.43	218.2	11.29	13.52	83.6	82.3	3.746	1.771	0	13.28	26.2	1.731	-0.003	16.89
4/22/2013 22:00	32824	7.841	212.6	6.711	11.74	4.064	212.3	10.97	8.16	77.08	74.58	6.057	2.755	0	0.021	26.18	1.734	0.003	12.22
4/22/2013 23:00	32825	5	219.7	44.47	9.95	2.457	211.7	68.85	6.368	71.79	68.42	8.56	5.395	0	0.007	26.17	1.734	0	15.37
4/23/2013 0:00	32826	9.94	174.9	20.23	17.1	5.396	175.7	27.07	11.74	71.1	69.22	19.26	16.3	0	0.007	26.17	1.731	-0.003	11.65
4/23/2013 1:00	32827	10.42	174.3	8.74	18.89	5.712	176.6	15.48	17.1	68.78	67.45	35.79	34.75	0	0.009	26.17	1.731	0	11.59
4/23/2013 2:00	32828	10.67	171.5	9.32	17.1	5.782	173.6	16.01	11.74	66.34	64.98	42.48	41.25	0	0.005	26.16	1.728	-0.003	15.02
4/23/2013 3:00	32829	16.63	29.59	96	38.57	11.61	4.788	95.3	33.21	60.84	60.35	49.98	46.22	0	0.004	26.18	1.728	0	16.51
4/23/2013 4:00	32830	26.01	24.83	8.57	42.15	18.47	19.79	11.87	36.78	46.1	46.31	70.92	61.65	0	0	26.18	1.729	0.001	11.79
4/23/2013 5:00	32831	26.52	24.63	9.03	43.94	18.7	19.86	11.85	42.15	41.17	41.34	76.11	65.55	0	0	26.17	1.729	0.001	14.74
4/23/2013 6:00	32832	26.5	22.37	9.07	42.15	19.3	17.38	11.21	36.78	38.06	38.23	78.69	67.4	0	0	26.18	1.726	-0.003	11.45
4/23/2013 7:00	32833	23.51	20.59	10.07	40.36	17.11	16.18	11.61	34.99	36.39	36.6	78.4	66.89	0	0.003	26.21	1.729	0.003	11.69
4/23/2013 8:00	32834	24.55	22.81	9.49	40.36	17.71	17.81	11.48	34.99	34.93	35.13	77.14	65.63	0	25.12	26.23	1.736	0.006	12.31
4/23/2013 9:00	32835	20.69	22.9	10.64	33.21	14.76	18.79	12.5	29.63	35.54	35.99	75.23	63.77	0	176.3	26.27	1.726	-0.01	11.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/23/2013 10:00	32836	18.45	25.7	12.22	29.63	12.9	21.43	14.32	27.84	37.72	38.54	70.38	59.61	0	401.6	26.31	1.726	0	16.76
4/23/2013 11:00	32837	17.15	24.47	13.46	27.84	11.72	20.5	15.74	24.26	40.42	41.61	64.47	54.49	0	633.7	26.35	1.732	0.006	11.94
4/23/2013 12:00	32838	16.51	20.97	13.27	29.63	11.31	17.17	16.18	22.47	43.19	44.75	59.79	50.47	0	848	26.37	1.729	-0.003	11.41
4/23/2013 13:00	32839	13.43	22.2	16.58	24.26	9.24	17.58	18.86	20.68	46.74	48.5	53.45	45.65	0	988	26.39	1.728	0	16.96
4/23/2013 14:00	32840	12.02	37.74	20.12	20.68	7.999	33.22	22.65	17.1	50.16	52.28	47.31	40.76	0	1056	26.39	1.728	0	11.52
4/23/2013 15:00	32841	10.62	46.02	19.66	20.68	6.875	39.34	22.65	17.1	53	55.14	43.33	37.88	0	1053	26.38	1.731	0.003	11.9
4/23/2013 16:00	32842	9.86	53.4	23.97	20.68	6.65	46.82	29.28	15.31	55.49	57.72	39.42	34.69	0	979	26.38	1.728	-0.003	11.55
4/23/2013 17:00	32843	9.78	49.98	24.24	18.89	6.571	43.89	28.4	17.1	56.88	58.8	37.38	33.03	0	836	26.36	1.728	0	11.88
4/23/2013 18:00	32844	12.31	59.87	21.5	18.89	7.904	54.74	26.18	15.31	56.67	58.57	37.02	32.2	0	641.7	26.34	1.728	0	15.96
4/23/2013 19:00	32845	12.89	72.01	13.94	24.26	8.42	66.97	20.59	20.68	56.24	57.77	37.5	32.65	0	405.1	26.32	1.728	0	11.85
4/23/2013 20:00	32846	14.17	62.83	13.71	22.47	8.72	55.97	18.93	18.89	54.55	55.23	40.16	35.6	0	145.8	26.32	1.728	0	16.15
4/23/2013 21:00	32847	16.3	50.22	10.69	31.42	9.01	43.97	15.36	22.47	51.5	51.47	44.81	39.69	0	7.928	26.34	1.725	-0.003	16.49
4/23/2013 22:00	32848	21.57	33.5	11.12	34.99	12.69	30.29	13.19	26.05	44.24	44.35	53.8	46.35	0	0	26.39	1.729	0.003	16.01
4/23/2013 23:00	32849	20.3	43.66	10.81	33.21	10.98	38.85	12.41	26.05	39.82	39.88	60.51	51.63	0	0	26.4	1.726	-0.003	11.84
4/24/2013 0:00	32850	17.38	65.38	16.74	29.63	10.74	60.5	21.84	22.47	37.52	37.48	64.93	55.23	0	0	26.39	1.726	0	11.77
4/24/2013 1:00	32851	16.35	44.56	11.34	34.99	9.06	40.64	13.77	20.68	36.53	36.5	67.29	57.25	0	0	26.43	1.732	0.006	13.96
4/24/2013 2:00	32852	18.57	47.6	9.32	29.63	9.91	41.64	12.83	20.68	34.87	34.85	70.56	59.86	0	0	26.43	1.726	-0.006	16.78
4/24/2013 3:00	32853	14.64	46.22	9.44	26.05	7.968	39.72	12.15	18.89	33.46	33.42	71.73	60.79	0	0	26.43	1.727	0	16.2
4/24/2013 4:00	32854	9.69	34.06	13.18	18.89	5.264	32.13	17.14	13.52	32.74	32.71	72.9	61.69	0	0	26.41	1.727	0	11.86
4/24/2013 5:00	32855	7.372	34.38	12.36	15.31	3.983	32.1	16.17	9.95	32.02	31.94	74	62.59	0	0	26.42	1.727	0	16.69
4/24/2013 6:00	32856	9.85	25.01	9.75	17.1	5.333	20.02	17.91	11.74	30.82	30.87	74.29	62.55	0	0	26.42	1.73	0.003	11.73
4/24/2013 7:00	32857	9.42	25.33	10.02	15.31	5.125	20.18	18.57	11.74	30.05	30.1	74.71	62.78	0	0.014	26.41	1.727	-0.003	11.74
4/24/2013 8:00	32858	7.536	16.31	11.44	15.31	4.978	12.23	16.28	11.74	29.98	30.16	74.36	62.34	0	39.56	26.43	1.73	0.003	11.73
4/24/2013 9:00	32859	10.55	26.12	13.39	17.1	7.123	21.03	15.4	15.31	32.86	33.84	65.1	54.43	0	227.8	26.46	1.726	-0.003	11.82
4/24/2013 10:00	32860	8.22	44.44	15.78	15.31	5.141	36.7	16.21	11.74	37.01	38.52	55.81	47.03	0	456.5	26.48	1.726	0	16.19
4/24/2013 11:00	32861	5.647	53.17	28.2	9.95	3.896	43.48	35.19	9.95	42.72	44.2	46.84	40.68	0	671.4	26.52	1.725	-0.001	11.43
4/24/2013 12:00	32862	4.405	56.21	50.9	13.52	3.439	41.92	62.1	11.74	49.01	49.92	38.42	34.76	0	866	26.56	1.728	0.003	11.46
4/24/2013 13:00	32863	5.193	132.8	57.81	11.74	4.028	132.9	67.13	9.95	53.58	54.45	33.63	29.67	0	1002	26.59	1.728	0	11.54
4/24/2013 14:00	32864	6.111	142.3	56.79	13.52	4.639	144.5	62.29	11.74	56.81	57.84	30.68	26.51	0	1041	26.58	1.728	0	16.11
4/24/2013 15:00	32865	6.519	127.1	45.74	17.1	5.111	129.1	53.3	13.52	58.79	60.32	28.96	24.72	0	960	26.57	1.737	0.009	15.06
4/24/2013 16:00	32866	7.063	154.7	41.4	17.1	5.289	157.8	50.59	13.52	61.04	62.41	28.2	23.87	0	937	26.55	1.727	-0.01	16.99
4/24/2013 17:00	32867	7.949	161.2	40.77	17.1	5.863	163.2	47.82	18.89	62.59	64.12	28.18	23.72	0	839	26.52	1.734	0.006	13.46
4/24/2013 18:00	32868	8.05	144.8	30.9	17.1	5.775	147.4	37.99	13.52	63.18	64.7	28.49	24.05	0	641.5	26.49	1.727	-0.006	11.85
4/24/2013 19:00	32869	9.4	140.7	19.99	17.1	6.496	142.6	26.19	13.52	62.94	64.22	29.59	25.31	0	414.3	26.47	1.731	0.003	11.78
4/24/2013 20:00	32870	10.09	135.2	15.1	17.1	6.521	136	21.97	13.52	62.02	62.83	30.07	26.11	0	184	26.46	1.731	0	12.07
4/24/2013 21:00	32871	9.45	127.8	8.45	17.1	5.466	127.5	16.02	13.52	58.5	57.87	33.1	29.97	0	12.7	26.46	1.731	0	11.8
4/24/2013 22:00	32872	8.45	122.7	7.146	11.74	4.613	121	15.36	8.16	54.64	53.47	37	34.06	0	0.001	26.45	1.732	0.001	15.93
4/24/2013 23:00	32873	9.14	116.2	7.95	13.52	5.066	114.1	18.21	9.95	52.67	51.54	38.5	35.4	0	0	26.45	1.729	-0.003	16.03
4/25/2013 0:00	32874	8.93	110.1	10.54	15.31	5.109	107.6	19.06	9.95	50.79	49.76	40.18	36.61	0	0	26.45	1.729	0	11.95
4/25/2013 1:00	32875	7.611	100.4	7.758	17.1	4.24	93.3	16.04	8.16	47.78	46.44	42.76	38.9	0	0	26.45	1.732	0.003	11.93
4/25/2013 2:00	32876	8.24	94.2	7.163	11.74	4.31	89.9	16.04	8.16	46.91	45.41	42.83	39.04	0	0	26.45	1.735	0.003	15.24
4/25/2013 3:00	32877	8.86	91.8	7.323	13.52	4.799	87.4	15.75	8.16	45.23	43.97	44.85	40.27	0	0	26.43	1.726	-0.009	16.92
4/25/2013 4:00	32878	8.36	87.1	8.81	11.74	4.621	82.6	17.21	8.16	44.69	43.78	46.19	40.95	0	0	26.43	1.726	0	13.84
4/25/2013 5:00	32879	9.51	78.69	9.19	13.52	5.795	73.04	17.3	11.74	45.76	45.32	44.83	39.48	0	0	26.44	1.729	0.003	11.92
4/25/2013 6:00	32880	10.29	78.92	8	15.31	6.009	71.93	17.29	11.74	45.23	44.67	44.89	39.5	0	0	26.44	1.732	0.003	11.9

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/25/2013 7:00	32881	10.52	78.72	8.17	15.31	6.081	71.93	17.86	11.74	44.61	44.06	45.4	39.89	0	0.037	26.44	1.729	-0.003	16.51
4/25/2013 8:00	32882	10.2	92.2	11.13	20.68	6.292	88.7	19.5	11.74	45.82	45.44	47.07	41.1	0	10.82	26.42	1.729	0	16.49
4/25/2013 9:00	32883	10.41	110.8	15.34	20.68	6.671	109.9	23.48	15.31	50.43	50.53	45.38	39.92	0	76.97	26.46	4.704	2.975	16.62
4/25/2013 10:00	32884	11.18	128.3	11.35	17.1	7.177	129.1	19.41	13.52	52.98	53.69	46.66	40.62	0	183.4	26.5	4.723	0.019	11.32
4/25/2013 11:00	32885	11.97	133.6	14.19	20.68	8.06	136	20.66	17.1	55.25	56.73	48.33	41.53	0	408.5	26.53	4.766	0.043	15.84
4/25/2013 12:00	32886	14.19	137.3	13.97	29.63	9.38	138.5	19.77	20.68	58.31	60.6	46.26	39.39	0	641.2	26.54	4.794	0.028	11.52
4/25/2013 13:00	32887	15.31	147.5	16.62	26.05	10	149	22.17	18.89	61.88	64.58	46.16	39.25	0	940	26.54	4.815	0.021	13.9
4/25/2013 14:00	32888	18.29	150.8	15.12	29.63	11.8	153	20.68	22.47	65.29	68.26	44.33	37.97	0	1056	26.53	4.837	0.022	11.42
4/25/2013 15:00	32889	17.5	152.2	13.37	29.63	11.43	154.1	19.08	20.68	68.02	70.85	41.24	35.98	0	1043	26.52	4.856	0.019	11.88
4/25/2013 16:00	32890	18.74	147.7	14.24	33.21	12.05	149	19.11	22.47	71.03	73.81	35.73	31.56	0	952	26.48	4.862	0.006	11.89
4/25/2013 17:00	32891	19.53	147.8	15.46	33.21	12.5	149.2	20.68	24.26	72.93	75.33	33.34	29.82	0	811	26.44	4.865	0.003	11.9
4/25/2013 18:00	32892	21.14	147.1	11.84	33.21	13.35	148.9	17.66	24.26	73.57	75.46	33.22	30.14	0	610.1	26.4	4.878	0.013	15.72
4/25/2013 19:00	32893	22.88	149.4	10.46	36.78	14.32	150.6	15.8	27.84	74.28	75.36	33.62	31.37	0	398	26.37	4.891	0.013	12.13
4/25/2013 20:00	32894	20.62	153.3	8.95	31.42	12.75	155.2	15.17	24.26	72.47	72.92	37.25	35.48	0	178.6	26.35	4.894	0.003	16.79
4/25/2013 21:00	32895	14.34	145.7	10.36	26.05	8.79	146.6	15.92	18.89	68.94	68.53	44.11	42.16	0	11.78	26.34	4.908	0.014	16.92
4/25/2013 22:00	32896	11.59	141.7	9.72	20.68	6.998	143.7	15.73	15.31	65.53	64.91	53.14	49.9	0	0.014	26.36	4.94	0.032	16.9
4/25/2013 23:00	32897	14.01	138.3	9.69	22.47	8.54	139.4	16.16	17.1	62.44	61.94	60.61	55.91	0	0.009	26.35	4.956	0.016	15.59
4/26/2013 0:00	32898	13.4	139.8	10.68	22.47	8.26	141.6	16.45	15.31	59.37	58.9	65.71	59.98	0	0.007	26.33	4.975	0.019	16.56
4/26/2013 1:00	32899	13.38	149.9	9.3	33.21	8.19	151.3	14.72	17.1	56.99	56.55	68.29	61.87	0	0.006	26.32	4.995	0.02	11.83
4/26/2013 2:00	32900	7.808	164.1	15.55	15.31	4.317	166.4	23.16	11.74	54.44	53.58	72.61	65.84	0	0.002	26.31	5.024	0.029	12.49
4/26/2013 3:00	32901	10.31	174.6	8.78	20.68	5.93	176.2	15.53	13.52	53.42	52.78	73.25	66.08	0	0.001	26.29	5.056	0.032	16.2
4/26/2013 4:00	32902	8.01	179.8	13.28	13.52	4.564	182.6	18.87	9.95	51.68	50.98	76.97	69.03	0	0	26.27	5.094	0.038	12.38
4/26/2013 5:00	32903	5.932	193.4	9.16	9.95	2.559	192.3	15.43	6.368	50.26	48.57	79.76	72.49	0	0	26.27	5.11	0.016	16.97
4/26/2013 6:00	32904	6.569	198.2	7.241	9.95	2.92	198.7	14.13	6.368	48.41	46.36	83.5	76.19	0	0	26.25	5.139	0.029	11.52
4/26/2013 7:00	32905	5.671	209.5	15.93	8.16	2.703	213.2	23.53	4.578	47.48	45.75	86.5	78.3	0	0.045	26.25	5.174	0.035	15.95
4/26/2013 8:00	32906	5.517	250.4	20.05	9.95	3.13	264.2	24.12	6.368	47.8	45.88	86.7	78.34	0	46.83	26.27	5.2	0.026	16.78
4/26/2013 9:00	32907	6.807	255.4	19.95	11.74	5.558	253.7	21.89	11.74	51.44	52.04	79.65	69.19	0	244.5	26.31	5.23	0.031	15.91
4/26/2013 10:00	32908	8.15	262.7	15.43	11.74	6.953	259.6	17.88	11.74	57.89	58.52	65.45	58.56	0	476.4	26.35	5.254	0.024	11.83
4/26/2013 11:00	32909	8.99	290.1	23.98	18.89	7.459	288.5	26.78	15.31	69.24	69.63	35.96	34.2	0	684.6	26.41	5.275	0.021	11.91
4/26/2013 12:00	32910	13.56	302.7	16.7	22.47	11.31	303.1	18.49	20.68	75.14	75.79	16.4	14.33	0	869	26.45	5.3	0.024	11.7
4/26/2013 13:00	32911	14.93	280.3	16.59	24.26	12.11	279.5	19.52	22.47	77.61	78.67	11.87	9.23	0	1000	26.47	5.312	0.012	16.6
4/26/2013 14:00	32912	16.06	277.8	16.45	26.05	13.17	276.5	19.57	22.47	79.77	80.9	8.12	4.972	0	1059	26.46	5.324	0.012	12.59
4/26/2013 15:00	32913	16.22	283	15.59	27.84	13.2	282.1	19.22	26.05	81	82.2	7.459	4.139	0	1049	26.46	5.343	0.019	15.62
4/26/2013 16:00	32914	12.62	265.8	23.1	22.47	10.49	265.1	26.05	20.68	82.4	83.1	7.663	4.507	0	966	26.45	5.353	0.01	16.35
4/26/2013 17:00	32915	13.11	274.8	25.01	29.63	10.79	274.1	27.06	24.26	84.1	84.8	5.869	2.63	0	824	26.43	5.359	0.006	16.05
4/26/2013 18:00	32916	12.13	277.7	19.04	22.47	9.99	277.2	22.47	20.68	84.7	85.1	5.014	1.832	0	635.1	26.42	5.359	0	15.77
4/26/2013 19:00	32917	10.95	256.7	19.62	20.68	8.98	255.3	20.48	17.1	84.4	84.5	5.071	1.816	0	412.9	26.41	5.362	0.003	11.68
4/26/2013 20:00	32918	7.669	241.6	23.98	15.31	5.861	239.8	25.58	13.52	83.7	83.4	5.34	2.062	0	188.7	26.41	5.372	0.01	11.47
4/26/2013 21:00	32919	5.662	245.4	50.09	9.95	2.92	232.7	61.17	6.368	79.31	76.18	7.006	4.841	0	15.65	26.4	5.395	0.022	11.73
4/26/2013 22:00	32920	7.633	0.642	15.53	11.74	4.394	7.178	11.9	8.16	76.24	72.42	8.03	6.056	0	0.008	26.39	5.409	0.014	11.74
4/26/2013 23:00	32921	15.23	34.93	12.42	31.42	8.59	33.22	13.33	24.26	72.36	71.39	19.7	17.13	0	0.021	26.41	5.431	0.022	11.76
4/27/2013 0:00	32922	18.46	41.96	9.73	33.21	10.27	37.73	11.87	22.47	67.81	67.5	31.91	29.75	0	0.013	26.43	5.441	0.01	12.43
4/27/2013 1:00	32923	15.72	42.31	9.47	29.63	8.59	38.54	11.96	17.1	64.03	63.69	36.47	34.08	0	0.009	26.44	5.45	0.01	11.7
4/27/2013 2:00	32924	15.1	47.07	7.373	22.47	8.11	40.22	11.8	15.31	61.19	60.79	40.41	37.65	0	0.002	26.43	5.46	0.01	17.02
4/27/2013 3:00	32925	10.21	75.15	15.6	18.89	5.89	70.64	21.18	11.74	57.16	56.46	46.11	42.38	0	0.003	26.43	5.473	0.013	17.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/27/2013 4:00	32926	10.05	65.37	10.79	15.31	6.158	60.73	16.76	11.74	55.15	54.39	50.28	45.76	0	0.001	26.42	5.506	0.033	11.85
4/27/2013 5:00	32927	11.11	38.5	19.18	17.1	6.902	33.86	20.95	13.52	54.52	54.02	52.86	47.79	0	0.001	26.41	5.513	0.006	16.22
4/27/2013 6:00	32928	11.21	7.397	10.96	17.1	8.05	2.973	12.57	13.52	52.89	52.53	57.39	51.3	0	0.001	26.41	5.538	0.025	11.8
4/27/2013 7:00	32929	10.57	11.11	9.75	15.31	7.701	8.05	10.73	11.74	52.48	52.12	60.22	53.81	0	0.07	26.41	5.554	0.016	11.83
4/27/2013 8:00	32930	9.88	6.073	12.08	15.31	7.13	2.331	13.58	11.74	51.02	50.9	64.16	56.7	0	46.53	26.42	5.57	0.016	11.46
4/27/2013 9:00	32931	10.95	11.31	12.66	18.89	7.955	7.717	14.84	15.31	55.08	55.72	59.03	52.33	0	239.6	26.45	5.595	0.025	11.89
4/27/2013 10:00	32932	10.69	26.17	12.66	17.1	7.302	22.87	14.61	15.31	60.7	61.74	49.78	45.22	0	463.2	26.48	5.615	0.02	12.92
4/27/2013 11:00	32933	10.35	56.21	20.09	18.89	6.605	49.33	23.66	15.31	65.99	67.67	39.92	37.06	0	670.4	26.52	5.64	0.025	11.81
4/27/2013 12:00	32934	11.45	82.6	18.72	18.89	7.762	77.85	26.51	15.31	70.3	72.77	31.29	28.44	0	856	26.55	5.658	0.018	11.59
4/27/2013 13:00	32935	9.65	86.3	19.71	18.89	6.768	82	29.27	15.31	74.22	76.78	25.78	23.29	0	975	26.57	5.683	0.025	11.8
4/27/2013 14:00	32936	10.39	88.8	23.6	20.68	7.362	84	33.6	18.89	77.01	79.51	21.53	19	0	1032	26.55	5.686	0.003	11.82
4/27/2013 15:00	32937	9.71	92	30.08	22.47	6.813	88.8	37.5	22.47	79.73	82.3	18.13	15.51	0	1021	26.53	5.692	0.006	11.95
4/27/2013 16:00	32938	9.55	89	43.57	29.63	6.584	86.1	51.63	20.68	81.1	83.5	17.53	14.98	0	941	26.51	5.695	0.003	12.12
4/27/2013 17:00	32939	9.21	106.9	35.12	20.68	6.505	104.1	43.57	15.31	81.7	83.8	16.68	14.05	0	802	26.48	5.701	0.006	12.23
4/27/2013 18:00	32940	9.96	111.6	29.91	20.68	6.946	111.2	37.42	15.31	81.4	83.2	15.66	12.85	0	618.4	26.45	5.708	0.006	12.7
4/27/2013 19:00	32941	9.83	111.3	23.42	20.68	6.541	110.8	30.35	17.1	80.7	82.1	15.41	12.64	0	401.6	26.44	5.711	0.004	11.75
4/27/2013 20:00	32942	10.42	120.5	17.54	20.68	6.734	121.6	24.14	15.31	79.2	79.76	16.75	14.2	0	179.6	26.43	5.715	0.004	12.03
4/27/2013 21:00	32943	8.76	117.8	7.783	17.1	4.736	116.1	17.88	11.74	74.94	73.68	19.04	17.44	0	13.29	26.41	5.737	0.023	11.54
4/27/2013 22:00	32944	8.53	110.6	7.12	11.74	4.418	106	18.02	8.16	70.11	68.28	22.3	20.56	0	0.008	26.38	5.745	0.008	11.62
4/27/2013 23:00	32945	9.58	106.3	8.64	17.1	5.535	101	18.45	11.74	68.17	66.77	24.68	22.52	0	0.008	26.38	5.761	0.016	14.8
4/28/2013 0:00	32946	11.96	112.2	8.26	17.1	7.05	110.9	19.24	13.52	67.15	66.19	27.56	25.23	0	0.015	26.38	5.771	0.01	11.72
4/28/2013 1:00	32947	10.75	113.8	7.993	26.05	6.137	112.9	19.5	15.31	64.42	63.4	30.97	28.66	0	0.011	26.38	5.79	0.019	12.95
4/28/2013 2:00	32948	10.42	134.4	8.69	15.31	5.974	134.9	15.98	11.74	62.2	61.14	35.63	33.3	0	0.006	26.37	5.799	0.01	11.75
4/28/2013 3:00	32949	7.54	139.8	6.608	11.74	3.649	137.4	14.1	8.16	59.2	57.53	42.08	39.82	0	0.003	26.34	5.825	0.026	14.72
4/28/2013 4:00	32950	6.54	149.4	7.894	9.95	2.476	142.9	12.97	4.578	56.79	54.47	48.51	45.93	0	0	26.31	5.846	0.021	15.09
4/28/2013 5:00	32951	3.297	169.9	14.84	6.368	0.217	142.1	6.999	2.789	54.16	51.47	54.33	51.61	0	0	26.3	5.861	0.016	11.85
4/28/2013 6:00	32952	6.168	144.1	6.646	8.16	2.248	118.7	13.46	4.578	54.42	51.56	59.43	55.76	0	0	26.29	5.887	0.025	11.87
4/28/2013 7:00	32953	1.931	152.8	12.27	6.368	0.298	21.21	23.35	2.789	53.86	51.69	65.69	60.07	0	0.094	26.29	5.912	0.025	16.95
4/28/2013 8:00	32954	2.198	144.1	9.6	4.578	0.785	78.99	10.26	2.789	55.39	54.07	65.51	59.86	0	45.22	26.3	5.922	0.01	11.48
4/28/2013 9:00	32955	7.473	174.9	17.19	18.89	4.754	179.7	20.56	13.52	61.26	62.21	62.52	55.09	0	230	26.33	5.942	0.021	16.68
4/28/2013 10:00	32956	14.39	187.6	10.38	22.47	9.29	190.2	16.11	17.1	66.68	68.11	64.66	57.25	0	450.8	26.37	5.961	0.019	11.82
4/28/2013 11:00	32957	15.08	190.1	12.52	24.26	10.05	193.4	18.33	17.1	70.42	72.15	61.67	54.92	0	656.6	26.4	5.991	0.03	16.9
4/28/2013 12:00	32958	12.43	204.6	14.66	20.68	9.02	207.6	18.32	17.1	74.46	76.05	51.79	47.34	0	833	26.42	6.013	0.022	15.68
4/28/2013 13:00	32959	10.25	192.4	21.69	17.1	7.43	195.3	25.02	15.31	79.06	80.8	37.11	34.85	0	954	26.43	6.018	0.005	14.41
4/28/2013 14:00	32960	10.92	186.4	22.84	20.68	7.673	190.4	25.65	15.31	82.5	84.4	23.7	21.41	0	1040	26.42	6.021	0.003	12.27
4/28/2013 15:00	32961	10.38	168.4	34.63	22.47	7.244	173.2	38.74	17.1	84.1	86.3	18.03	15.4	0	961	26.4	6.028	0.006	12.42
4/28/2013 16:00	32962	9.18	153.8	61.81	22.47	6.792	155.7	66.4	17.1	84.2	85.9	15.26	12.72	0	699.4	26.37	6.031	0.003	13.48
4/28/2013 17:00	32963	18.56	307.8	22.09	33.21	14.98	308	23.84	27.84	78.75	79.47	22.47	20.29	0	417.9	26.35	6.038	0.007	15.94
4/28/2013 18:00	32964	16.05	297	17.23	26.05	12.86	297.5	20.41	22.47	79.76	80.5	19.57	17.36	0	433.9	26.32	6.035	-0.003	16.45
4/28/2013 19:00	32965	8.35	276.9	42.1	15.31	6.883	277.3	42.7	15.31	81.7	82	17.15	15.08	0	424.8	26.3	6.035	0	16.72
4/28/2013 20:00	32966	9.42	176.6	35.32	22.47	6.125	178.8	38.38	18.89	80.7	81.1	18.64	16.44	0	184.5	26.29	6.054	0.019	12.27
4/28/2013 21:00	32967	10.32	153.7	14.53	20.68	5.742	153	20.69	13.52	74.4	73.72	26.44	25.08	0	20	26.27	6.057	0.003	11.45
4/28/2013 22:00	32968	7.035	124.7	11.09	9.95	3.159	114.6	19.54	6.368	69.13	66.94	31.11	30.73	0	0.006	26.25	6.075	0.018	11.65
4/28/2013 23:00	32969	8.11	144.5	7.549	11.74	3.588	139.6	14.91	6.368	67.23	64.55	32.36	32.29	0	0.003	26.22	6.081	0.006	11.76
4/29/2013 0:00	32970	11.02	158.9	11.61	18.89	6.119	158.5	17.5	11.74	65.39	64.17	35.83	34.19	0	0.001	26.22	6.097	0.016	11.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
4/29/2013 1:00	32971	9.66	184.8	9.41	20.68	5.462	186.7	16.15	11.74	64.07	63.16	46.19	43.4	0	0.002	26.23	6.113	0.016	16.8	
4/29/2013 2:00	32972	7.921	180.8	8.81	11.74	4.166	182	15.98	8.16	60.4	59.23	56.94	52.95	0	0.001	26.23	6.129	0.016	14.86	
4/29/2013 3:00	32973	7.468	175.5	8.98	11.74	3.615	175.9	16.13	8.16	58.1	56.83	62.63	57.94	0	0	26.22	6.153	0.023	11.79	
4/29/2013 4:00	32974	6.93	176.7	10.15	11.74	3.205	179	17.63	6.368	55.73	54.22	68.82	63.54	0	0	26.21	6.166	0.013	15.93	
4/29/2013 5:00	32975	6.784	179.4	10.76	13.52	2.976	173.9	21.36	9.95	54.83	52.64	71.36	67.01	0	0	26.2	6.198	0.032	11.31	
4/29/2013 6:00	32976	10.72	186.3	10.38	18.89	6.232	188.8	16.29	11.74	56.92	55.95	66.68	61.6	0	0	26.19	6.21	0.013	11.55	
4/29/2013 7:00	32977	7.118	204.1	25.67	13.52	4.127	206.3	34.11	9.95	55.62	54.49	70.1	64.23	0	0.125	26.19	6.233	0.022	11.87	
4/29/2013 8:00	32978	5.744	179	12.93	9.95	2.678	180.5	20.06	6.368	53.38	52.06	78.24	70.67	0	51.06	26.19	6.248	0.016	16.69	
4/29/2013 9:00	32979	8.94	181.4	13.73	13.52	5.765	182.7	20.61	11.74	58.54	59.46	69.74	61.39	0	245.3	26.21	6.269	0.021	11.88	
4/29/2013 10:00	32980	10.45	203.5	9.47	15.31	7.424	205.8	14.67	11.74	65.97	67.19	52.34	47.52	0	469.4	26.24	6.284	0.015	14.65	
4/29/2013 11:00	32981	9.05	223.3	15.58	15.31	7.216	224.2	16.83	13.52	71.8	72.37	41.16	39.14	0	671.6	26.27	6.302	0.017	11.81	
4/29/2013 12:00	32982	12.49	207.6	12.22	22.47	9.03	210.1	15.9	17.1	77.82	79.27	28.18	26.24	0	845	26.3	6.32	0.019	11.75	
4/29/2013 13:00	32983	14.5	192.6	14.84	27.84	9.84	196.1	19.02	20.68	81.3	83.5	20.71	18.17	0	968	26.31	6.323	0.002	15.86	
4/29/2013 14:00	32984	13.77	202.1	16.29	24.26	9.76	205.3	19.68	20.68	83.8	85.9	17.76	15.12	0	1026	26.3	6.322	0	16.01	
4/29/2013 15:00	32985	12.04	202.4	31.6	24.26	8.69	205.2	34.55	20.68	85.7	87.7	15.37	12.8	0	1017	26.28	6.326	0.003	16.51	
4/29/2013 16:00	32986	12.88	184.2	24.2	26.05	8.77	187.5	28.45	20.68	86.6	88.7	15.38	12.71	0	938	26.26	6.326	0	15.15	
4/29/2013 17:00	32987	13.3	178.5	18.84	24.26	8.9	180.9	24.15	20.68	87.1	89	14.6	11.95	0	797.2	26.24	6.326	0	11.67	
4/29/2013 18:00	32988	12.58	183.6	22.02	27.84	8.35	186.3	25.45	20.68	87.1	88.7	13.85	11.19	0	608.5	26.21	6.326	0	11.64	
4/29/2013 19:00	32989	14.23	167.4	16.8	26.05	8.91	169.5	21.78	17.1	86.2	87.4	13.51	10.95	0	397.6	26.19	6.326	0	12.14	
4/29/2013 20:00	32990	13.62	164.7	11.65	20.68	8.06	167.5	17.6	17.1	84.8	85.2	13.81	11.55	0	180.6	26.17	6.326	0.001	11.59	
4/29/2013 21:00	32991	10.04	162.7	7.395	17.1	5.457	163.3	13.66	13.52	80.5	79.34	15.6	13.96	0	15.67	26.15	6.327	0	11.68	
4/29/2013 22:00	32992	9.06	162.6	6.993	17.1	4.555	161.4	13.62	11.74	74.97	73.16	20.73	19.55	0	0.022	26.13	6.328	0.001	11.68	
4/29/2013 23:00	32993	13.14	169.5	8.33	22.47	7.378	171.1	16.38	13.52	73.77	72.79	29	27.86	0	0.014	26.13	6.338	0.01	12.02	
4/30/2013 0:00	32994	14.69	174.3	8.55	22.47	8.59	176.7	16.23	17.1	71.71	70.99	38.93	37.88	0	0.017	26.14	6.348	0.01	11.72	
4/30/2013 1:00	32995	15.04	177.5	8.58	33.21	8.8	180.4	16.04	18.89	69.57	68.93	47.23	45.41	0	0.012	26.13	6.367	0.019	16.87	
4/30/2013 2:00	32996	12.51	181.5	8.64	20.68	7.311	183.9	15.85	15.31	67.49	66.74	50.57	48.23	0	0.006	26.13	6.373	0.006	12.25	
4/30/2013 3:00	32997	13.68	181.1	8.49	22.47	8.17	184.9	15.6	15.31	66.22	65.5	52.19	49.49	0	0.005	26.11	6.402	0.029	11.69	
4/30/2013 4:00	32998	13.42	185.4	8.42	20.68	8.03	189.1	15.07	15.31	65.48	64.75	54.13	51.14	0	0.005	26.1	6.411	0.01	11.31	
4/30/2013 5:00	32999	13.21	184.4	8.8	22.47	7.772	187	15.63	15.31	64.1	63.37	60.15	56.2	0	0.003	26.09	6.418	0.006	11.67	
4/30/2013 6:00	33000	10.71	186	9.83	17.1	6.296	189.4	16.42	13.52	61.89	61.1	67.93	62.83	0	0.002	26.08	6.434	0.016	12.38	
4/30/2013 7:00	33001	8.61	194	9.15	15.31	5.116	197.2	14.77	11.74	60.41	59.47	74.74	68.9	0	0.159	26.08	6.46	0.026	11.89	
4/30/2013 8:00	33002	7.898	197.9	8.18	13.52	4.718	201.1	13.11	8.16	59.54	58.78	79.77	72.6	0	54.54	26.07	6.485	0.025	11.38	
4/30/2013 9:00	33003	11.06	206.2	8.56	17.1	7.669	209.4	12.87	13.52	62.49	63.12	75.94	67.69	0	249.9	26.09	6.494	0.009	11.83	
4/30/2013 10:00	33004	12.47	208.6	10.5	18.89	8.72	210.5	14.12	15.31	67.65	68.76	61.58	55.85	0	477.7	26.11	6.516	0.022	16.87	
4/30/2013 11:00	33005	10.61	223.1	13.55	17.1	8.09	223	15.44	15.31	74.2	74.97	41.33	39.51	0	675.5	26.15	6.53	0.014	11.77	
4/30/2013 12:00	33006	8.36	240.1	23.3	13.52	6.706	240.5	25.07	13.52	82.1	82.6	23.37	22.5	0	849	26.18	6.539	0.009	12.93	
4/30/2013 13:00	33007	5.951	272	43.1	15.31	4.96	269.5	44.42	13.52	89.9	90.2	11.07	9.94	0	971	26.2	6.554	0.015	16.96	
4/30/2013 14:00	33008	6.341	229.5	43.91	17.1	5.078	229.7	45.03	13.52	94.9	95	4.883	3.269	0	1032	26.19	6.573	0.019	11.7	
4/30/2013 15:00	33009	9.27	247.7	48.71	26.05	7.177	247.3	49.83	22.47	94.8	95.6	2.956	1.891	0	855	26.18	6.576	0.003	14.31	
4/30/2013 16:00	33010	11.08	225.6	42.28	22.47	8.16	226.4	43.3	17.1	94.4	95.5	2.221	1.882	0	675.4	26.16	6.576	0	11.7	
4/30/2013 17:00	33011	9.47	301.5	36.66	24.26	7.769	299.1	40.66	22.47	93.2	93.4	2.791	1.857	0	400.2	26.15	6.573	-0.003	11.54	
4/30/2013 18:00	33012	8.58	219.7	70.81	20.68	6.267	223.3	67.38	17.1	94.2	94.7	2.287	1.873	0	511.8	26.13	6.573	0	11.59	
4/30/2013 19:00	33013	7.704	231.5	37.52	17.1	6	231.7	36.79	15.31	94	94.1	1.978	1.869	0	359.1	26.12	6.576	0.003	15.48	
4/30/2013 20:00	33014	8.96	259.4	18.79	18.89	7.021	257	20.64	15.31	92.7	92.2	2.844	1.839	0	149.3	26.12	6.573	-0.003	14.16	
4/30/2013 21:00	33015	8.36	296.9	39.79	20.68	6.01	302	35.81	17.1	89.8	88.7	4.762	2.237	0	28.86	26.11	6.577	0.004	11.6	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
4/30/2013 22:00	33016	4.842	210.4	15.7	8.16	1.776	185.1	26.31	4.578	84.3	80.2	6.734	5.23	0	0.037	26.11	6.587	0.01	16.67
4/30/2013 23:00	33017	2.258	166.6	24.78	6.368	1.597	77.47	12.9	4.578	79.32	75.34	8.82	7.783	0	0.029	26.11	6.6	0.014	15.94
5/1/2013 0:00	33018	12.15	155.4	12.67	20.68	6.728	154.9	20.14	13.52	78.09	76.25	16.31	14.36	0	0.036	26.12	6.607	0.007	11.63
5/1/2013 1:00	33019	10.94	158.1	10.69	26.05	6.14	158.5	17.21	13.52	76.1	75.25	33.92	33.37	0	0.06	26.14	6.623	0.016	14.87
5/1/2013 2:00	33020	12.64	132.4	31.73	27.84	7.31	132	37.37	20.68	73.78	72.98	44.95	44.2	0	0.044	26.15	6.636	0.013	11.71
5/1/2013 3:00	33021	15.24	131	10.46	24.26	9.14	132.7	17.94	18.89	73.01	72.34	44.66	43.92	0	0.045	26.16	6.646	0.01	16.26
5/1/2013 4:00	33022	12.96	144.1	9.42	20.68	7.585	145.5	15.71	15.31	71.49	70.67	43.14	42.46	0	0.046	26.15	6.655	0.01	12.7
5/1/2013 5:00	33023	9.17	146.7	8.55	15.31	4.852	145.8	16.18	11.74	67.97	66.75	49.79	48.1	0	0.03	26.14	6.668	0.013	11.75
5/1/2013 6:00	33024	7.335	212.3	35.63	17.1	4.206	218.8	37.9	13.52	64.62	62.85	59.42	56.81	0	0.006	26.13	6.697	0.029	15.43
5/1/2013 7:00	33025	6.725	244.2	25.23	15.31	3.835	248.4	27.86	9.95	63.13	61.11	62.65	60.04	0	0.288	26.14	6.7	0.003	11.7
5/1/2013 8:00	33026	6.621	254.4	17.09	11.74	4.605	255.8	19.15	9.95	62.48	61.48	68.86	63.85	0	52.41	26.17	6.719	0.019	15.92
5/1/2013 9:00	33027	8.53	237.6	11.03	13.52	6.727	235.9	13.21	13.52	67.09	67.34	62.28	57.19	0	262.3	26.21	6.735	0.016	14.58
5/1/2013 10:00	33028	7.002	255.5	28.7	11.74	5.382	250.5	32.14	11.74	73.07	73.87	46.16	43.77	0	477	26.24	6.753	0.018	11.81
5/1/2013 11:00	33029	16.02	325.9	13.84	26.05	12.97	325.7	14.86	24.26	81.9	82.5	13.81	12.16	0	675.7	26.28	6.764	0.011	11.73
5/1/2013 12:00	33030	18.45	356.3	17.6	29.63	14.06	353.7	18.53	26.05	82.9	84.2	11.99	9.35	0	853	26.33	6.779	0.015	15.89
5/1/2013 13:00	33031	18.01	14.41	14.01	29.63	13	11.36	15.12	24.26	80.3	81.8	22.36	20.34	0	963	26.34	6.782	0.003	11.47
5/1/2013 14:00	33032	16.29	24.24	13.8	26.05	11.26	20.57	15.81	22.47	81.5	83.1	18.97	16.86	0	1016	26.35	6.785	0.003	11.64
5/1/2013 15:00	33033	16.39	35.46	16.39	29.63	10.5	30.3	18.75	24.26	82.1	84	18.11	15.87	0	989	26.36	6.785	0	15.49
5/1/2013 16:00	33034	17.05	41.89	15.23	27.84	10.31	35.68	17.34	22.47	82.5	84.2	18.19	16	0	920	26.36	6.782	-0.003	11.68
5/1/2013 17:00	33035	19.4	49.75	13.35	29.63	11.2	43.08	17.5	24.26	82	83.6	19.08	16.76	0	786	26.35	6.786	0.003	15.11
5/1/2013 18:00	33036	21.21	62.45	13.03	34.99	12.89	56.63	19.16	24.26	81.2	82.7	20.91	18.61	0	592.3	26.33	6.786	0.001	11.58
5/1/2013 19:00	33037	22.2	66.81	10.2	31.42	13.92	61.22	17.28	26.05	78.89	79.99	25.17	23.1	0	374.6	26.32	6.783	-0.003	15.14
5/1/2013 20:00	33038	21.45	63.94	8.98	31.42	13.07	58.6	16.73	24.26	75.54	75.75	30.48	29.02	0	85.8	26.31	6.777	-0.006	15.44
5/1/2013 21:00	33039	19.61	57.92	10.47	33.21	11.33	51.75	17.44	27.84	71.8	71.62	35.65	34.22	0	10.86	26.3	6.779	0.002	13.5
5/1/2013 22:00	33040	23.51	40.34	12.34	38.57	13.55	35.25	14.9	29.63	64.47	64.45	46.31	42.83	0	0.006	26.33	6.779	0	16.81
5/1/2013 23:00	33041	26.07	32.92	10.64	42.15	15.14	29.44	12.63	36.78	54.17	54.32	60.75	53.78	0	0	26.37	6.78	0.001	11.7
5/2/2013 0:00	33042	26.85	31.28	11.46	45.73	16.65	27.8	13.7	42.15	47.43	47.6	70.48	61.33	0	0	26.39	6.778	-0.002	12.36
5/2/2013 1:00	33043	28.43	27.54	10.5	49.31	18.74	23.04	13.07	45.73	44.45	44.63	74.94	64.72	0	0	26.41	6.779	0.001	13.17
5/2/2013 2:00	33044	27.54	15.38	10.6	45.73	20.47	12.11	11.73	40.36	42.98	43.26	73.83	63.48	0	0	26.45	6.78	0.001	11.72
5/2/2013 3:00	33045	26.58	17.27	10.89	42.15	19.68	13.88	11.71	36.78	42.5	42.8	71.84	61.64	0	0	26.47	6.78	0	11.8
5/2/2013 4:00	33046	25.92	21.61	10.56	43.94	18.52	16.91	12.38	34.99	40.73	41.02	74.95	64.07	0	0	26.48	6.78	0	11.8
5/2/2013 5:00	33047	22.39	22.92	9.9	36.78	15.89	18.53	11.64	33.21	40.97	41.21	66.79	57.32	0	0	26.51	6.78	0	11.76
5/2/2013 6:00	33048	22.55	15.97	10.79	38.57	16.68	12.63	12.02	33.21	40.08	40.39	67.84	57.84	0	0	26.53	6.784	0.003	14.51
5/2/2013 7:00	33049	20.85	8.85	11.04	31.42	15.27	5.639	12.5	27.84	38.84	39.24	71.33	60.41	0	0.003	26.56	6.78	-0.003	11.75
5/2/2013 8:00	33050	20.33	12.37	10.75	34.99	14.76	8.81	12.43	29.63	38.15	38.55	72.7	61.61	0	10	26.59	6.793	0.013	11.78
5/2/2013 9:00	33051	22	13.6	11.19	34.99	16.13	10.64	12.69	29.63	38.67	39.04	67.74	57.57	0	58.43	26.62	6.806	0.013	15.54
5/2/2013 10:00	33052	23.31	19.9	10.2	36.78	16.75	16.32	11.33	31.42	38.97	39.37	67.78	57.53	0	147.9	26.64	6.818	0.013	11.62
5/2/2013 11:00	33053	24.35	18.78	11.12	38.57	17.35	15.77	12.79	33.21	40.48	41.12	63.35	53.69	0	346.1	26.66	6.828	0.009	12.8
5/2/2013 12:00	33054	24.87	14.56	11.73	42.15	17.93	11.52	12.98	31.42	42.57	43.58	57.65	48.69	0	550.9	26.7	6.845	0.017	11.86
5/2/2013 13:00	33055	23.16	19.29	12.29	38.57	16.53	15.92	14.27	31.42	45.27	46.48	51.43	43.62	0	737	26.72	6.851	0.006	14.57
5/2/2013 14:00	33056	22.71	23.72	13.05	38.57	15.52	19.46	14.32	34.99	46.91	48.17	47.46	40.38	0	737.9	26.74	6.864	0.013	11.81
5/2/2013 15:00	33057	21	27.3	14.33	36.78	13.77	23.32	16.22	29.63	49.61	51.03	42.26	36.32	0	952	26.74	6.862	-0.002	16.88
5/2/2013 16:00	33058	20.71	25.78	13.92	36.78	13.93	21.73	15.26	33.21	51.48	52.9	38.3	33.03	0	924	26.74	6.862	0	11.37
5/2/2013 17:00	33059	20.33	24.41	13.52	33.21	13.76	20.29	14.92	27.84	52.67	54.13	35.4	30.17	0	816	26.72	6.861	0	15.7
5/2/2013 18:00	33060	19.86	29.98	13.43	34.99	12.74	25.56	14.86	27.84	52.98	54.07	33.94	28.94	0	614.2	26.71	6.861	0	16.88

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/2/2013 19:00	33061	20.42	28.25	13.28	34.99	13.24	23.6	15.45	27.84	52.73	53.52	33.49	28.59	0	405.5	26.7	6.862	0.001	16.9
5/2/2013 20:00	33062	17.71	37.8	12.22	29.63	10.34	33.36	14.26	22.47	50.82	51.21	35.89	31.11	0	181.7	26.69	6.864	0.002	12.18
5/2/2013 21:00	33063	14.32	43.74	11.62	26.05	8.1	38.54	13.73	18.89	48.24	48.12	39.45	34.65	0	18.5	26.69	6.861	-0.003	15.82
5/2/2013 22:00	33064	11.21	48.89	9.22	18.89	5.976	40.29	13.35	13.52	45.84	45.56	42.68	37.32	0	0	26.69	6.861	0.001	11.86
5/2/2013 23:00	33065	9.71	46.93	9.24	15.31	5.291	39.92	13.01	11.74	43.93	43.6	45.33	39.42	0	0	26.68	6.866	0.004	11.44
5/3/2013 0:00	33066	6.534	48.39	11.51	11.74	3.679	46.46	15.99	8.16	41.62	40.97	48.88	42.55	0	0	26.67	6.879	0.013	16.03
5/3/2013 1:00	33067	6.627	35.56	13.41	17.1	3.906	31.55	15.59	9.95	40.33	39.94	50.73	43.68	0	0	26.66	6.895	0.016	16.8
5/3/2013 2:00	33068	6.35	14.99	11.35	9.95	3.605	4.679	19.96	6.368	38.77	37.94	53.08	45.93	0	0	26.64	6.911	0.016	13.25
5/3/2013 3:00	33069	6.047	353.3	12.11	9.95	3.369	349.3	17.65	6.368	39.22	37.9	51.52	45.35	0	0	26.63	6.923	0.013	11.86
5/3/2013 4:00	33070	7.352	329.6	4.429	9.95	4.469	321.8	6.469	8.16	37.82	36.42	53.14	46.86	0	0	26.61	6.933	0.01	16.11
5/3/2013 5:00	33071	5.22	348.8	10.49	8.16	2.798	347.1	16.8	6.368	37.12	36.25	51.88	45.09	0	0	26.6	6.95	0.017	14.44
5/3/2013 6:00	33072	2.67	358.2	15.71	6.368	0.965	350.6	35.04	4.578	35.83	33.07	52.15	47.55	0	0	26.58	6.967	0.017	14.28
5/3/2013 7:00	33073	1.966	341.7	26.02	6.368	0.307	209.7	18.76	2.789	34.59	29.13	53.66	52.54	0	0.292	26.56	6.983	0.016	11.78
5/3/2013 8:00	33074	1.625	349.1	33.81	4.578	0.6	187.3	20.01	4.578	35.95	31.77	51.11	49.32	0	65.69	26.56	6.996	0.013	11.35
5/3/2013 9:00	33075	2.628	285.4	17.84	6.368	1.92	277	18.84	6.368	42.25	43	42.54	36.3	0	255.5	26.58	7.028	0.033	11.79
5/3/2013 10:00	33076	6.709	257.4	19.87	11.74	5.521	253.9	20.95	11.74	45.19	45.93	37.83	32.24	0	414.7	26.62	7.042	0.014	11.88
5/3/2013 11:00	33077	6.942	267.8	27.83	11.74	5.676	263.9	31.69	11.74	49.36	49.99	31.07	25.91	0	646.3	26.63	7.054	0.012	16.61
5/3/2013 12:00	33078	7.108	268.9	36.52	15.31	5.981	268.2	41.05	15.31	53.43	53.84	24.72	19.86	0	911	26.64	7.064	0.011	12.3
5/3/2013 13:00	33079	7.14	230.1	43.12	17.1	5.852	228.1	47.17	13.52	56.93	57.4	21.39	16.55	0	1042	26.64	7.074	0.009	12.17
5/3/2013 14:00	33080	7.987	243.3	34.53	17.1	6.415	243.9	35.1	15.31	59.42	60.28	20.43	15.55	0	1102	26.61	7.086	0.012	11.79
5/3/2013 15:00	33081	7.118	249.5	41.75	15.31	5.851	251.9	45.97	13.52	62.24	62.71	18.63	14.16	0	1094	26.58	7.091	0.005	11.82
5/3/2013 16:00	33082	7.384	261	40.59	17.1	6.058	261.2	45.58	17.1	64.54	64.87	16.52	12.27	0	1014	26.55	7.1	0.01	11.81
5/3/2013 17:00	33083	7.325	246.1	53.12	18.89	5.951	247.5	48.59	17.1	65.45	66.16	15.46	10.97	0	867	26.5	7.106	0.006	11.8
5/3/2013 18:00	33084	8.36	233.2	39.61	17.1	6.481	234.1	37.99	15.31	66.3	66.79	15.05	10.6	0	669.8	26.46	7.106	0	11.8
5/3/2013 19:00	33085	8.5	238.8	27.92	15.31	6.9	237.9	27.11	15.31	65.67	66.14	14.79	10.22	0	445.3	26.43	7.11	0.003	15.58
5/3/2013 20:00	33086	8.73	224.5	18.98	15.31	6.49	225	21.03	11.74	64.89	65.04	15.56	10.99	0	215.2	26.41	7.112	0.002	11.7
5/3/2013 21:00	33087	7.389	197.6	18.22	13.52	4.128	194.6	23.53	9.95	61.34	59.92	17.8	13.81	0	23.73	26.4	7.112	0	11.84
5/3/2013 22:00	33088	6.718	151.7	7.257	8.16	2.198	131.1	11.8	4.578	55.76	51.69	21.55	19.05	0	0.001	26.36	7.12	0.008	11.84
5/3/2013 23:00	33089	7.275	149.2	6.339	9.95	2.356	140.3	13.22	4.578	52.91	48.95	23.77	21.2	0	0	26.33	7.127	0.007	16.65
5/4/2013 0:00	33090	7.013	160.8	6.27	9.95	2.288	150.7	12.63	4.578	50.38	46.98	26.17	23.21	0	0	26.31	7.137	0.01	16.83
5/4/2013 1:00	33091	5.133	163	10.39	8.16	1.314	126.2	13.35	2.789	48.33	44.8	28.2	25.74	0	0	26.28	7.148	0.011	16.24
5/4/2013 2:00	33092	3.543	192	14.33	6.368	0.399	202.6	11.59	2.789	47	43.75	29.81	27.13	0	0	26.26	7.168	0.019	11.9
5/4/2013 3:00	33093	3.256	155.6	18.68	6.368	1.046	100.3	17.64	4.578	45.88	43.32	31.42	28.14	0	0	26.24	7.183	0.016	14.86
5/4/2013 4:00	33094	2.184	182.3	19.91	4.578	0.34	58.89	15.78	2.789	45.44	42.63	31.88	28.94	0	0	26.22	7.196	0.013	16.85
5/4/2013 5:00	33095	3.762	198.2	14.79	6.368	0.65	209.6	29.53	2.789	46.44	42.45	30.49	28.89	0	0	26.22	7.206	0.01	11.66
5/4/2013 6:00	33096	4.174	169	16.87	6.368	0.632	118.6	11.11	4.578	46.23	42.06	30.52	29.04	0	0	26.22	7.231	0.025	13.15
5/4/2013 7:00	33097	3.751	155.3	13.11	6.368	0.721	109.8	13.66	2.789	45.67	42.29	31.27	28.91	0	0.442	26.21	7.244	0.013	11.93
5/4/2013 8:00	33098	3.406	135.9	22.28	6.368	1.026	81	7.616	2.789	46.25	44.11	31.2	27.96	0	70.84	26.22	7.253	0.01	12.77
5/4/2013 9:00	33099	6.29	163.2	19.39	11.74	4.066	166.1	23.14	9.95	51.56	52.68	26.9	20.94	0	280.3	26.27	7.264	0.01	15.98
5/4/2013 10:00	33100	6.264	179.1	18.86	11.74	4.573	182.2	25.42	9.95	57.87	59.16	21.39	16.03	0	496	26.32	7.268	0.004	16.87
5/4/2013 11:00	33101	4.661	120.6	41.62	11.74	3.427	121.4	51.72	8.16	65.04	66.3	16.19	11.95	0	734.7	26.37	7.282	0.015	11.85
5/4/2013 12:00	33102	8.1	104.6	24.44	17.1	5.666	101.2	35.03	13.52	68.9	71.35	13.61	9.25	0	903	26.41	7.293	0.011	11.87
5/4/2013 13:00	33103	8.62	110.5	25.71	17.1	6.071	108.3	35.93	15.31	71.32	73.67	11.25	6.985	0	803	26.42	7.312	0.019	11.52
5/4/2013 14:00	33104	8.16	128.4	32	18.89	5.727	128.5	40.35	15.31	72.72	74.62	9.96	5.717	0	835	26.41	7.322	0.01	13.04
5/4/2013 15:00	33105	10.05	166.5	25.09	18.89	6.801	168.8	31.36	13.52	72.95	74.9	10.06	5.562	0	730.4	26.4	7.325	0.003	11.84

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/4/2013 16:00	33106	10.59	168	22.32	20.68	7.049	171.7	28.43	17.1	73.18	75	9.77	5.296	0	742.5	26.39	7.328	0.003	11.75
5/4/2013 17:00	33107	7.386	166.3	37.15	17.1	5.272	170.4	40.6	13.52	75.58	77.07	7.982	3.7	0	831	26.38	7.331	0.002	15.8
5/4/2013 18:00	33108	7.173	154.8	49.58	17.1	5.107	156.6	55.21	15.31	75.71	76.97	7.768	3.57	0	645.7	26.37	7.337	0.007	11.79
5/4/2013 19:00	33109	7.05	136.7	32.77	15.31	4.841	136.8	38.36	13.52	74.66	75.69	8.51	4.373	0	406.2	26.35	7.341	0.004	15.92
5/4/2013 20:00	33110	6.131	107.7	21.75	9.95	4.03	104.7	30.11	8.16	72.98	73.2	8.89	4.921	0	155.7	26.34	7.341	0	11.69
5/4/2013 21:00	33111	6.046	95.4	16.5	9.95	2.981	91.1	23.41	6.368	69.69	67.85	10.51	7.213	0	23.38	26.34	7.343	0.002	16.63
5/4/2013 22:00	33112	7.901	81	6.432	11.74	3.799	73.2	15.32	6.368	64.71	62.29	13.91	10.34	0	0.008	26.32	7.35	0.007	11.78
5/4/2013 23:00	33113	9.74	75.95	6.21	17.1	5.087	68.18	16.46	11.74	61.66	59.78	16.48	12.45	0	0.005	26.33	7.356	0.006	14.86
5/5/2013 0:00	33114	10.23	81.8	7.74	15.31	5.469	75.14	18.19	9.95	58.6	57.25	20.4	16.1	0	0.003	26.33	7.361	0.005	11.66
5/5/2013 1:00	33115	10.83	81.4	9.24	17.1	5.833	72.64	17.66	11.74	56.58	55.22	22.48	18.2	0	0.002	26.33	7.371	0.01	12.19
5/5/2013 2:00	33116	12.89	86	8.8	20.68	7.448	82.4	18.83	13.52	55.71	54.76	25.21	20.78	0	0.002	26.35	7.371	0	16.95
5/5/2013 3:00	33117	11.72	76.91	7.449	17.1	6.645	67.82	16.95	13.52	53.01	52.07	28.69	24.28	0	0.001	26.35	7.378	0.006	11.8
5/5/2013 4:00	33118	11.8	72.72	6.981	17.1	6.978	65.99	15.99	13.52	50.19	49.35	32.12	27.53	0	0	26.34	7.384	0.006	11.5
5/5/2013 5:00	33119	12.13	65.31	7.443	18.89	7.623	61.56	15.04	13.52	48.35	47.65	34.16	29.4	0	0	26.34	7.39	0.006	11.89
5/5/2013 6:00	33120	12.11	59.12	8.55	18.89	7.438	56.81	14.89	13.52	47.22	46.58	34.23	29.31	0	0	26.35	7.404	0.013	12.38
5/5/2013 7:00	33121	12.26	60.11	9.47	18.89	7.267	56.81	16.14	15.31	46.85	46.29	33.37	28.42	0	0.468	26.36	7.417	0.013	15.77
5/5/2013 8:00	33122	11.48	56.69	9.75	20.68	6.615	51.63	16.52	13.52	46.37	46.26	33.07	27.8	0	87.1	26.4	7.426	0.009	14.93
5/5/2013 9:00	33123	13.28	69.84	8.98	20.68	8.43	63.62	17.06	15.31	50.71	51.79	27.55	21.9	0	303.7	26.43	7.432	0.006	11.87
5/5/2013 10:00	33124	13.42	76.08	13.27	20.68	8.56	69.21	20.58	15.31	54.37	56.22	25.25	19.44	0	508.7	26.47	7.437	0.005	15.81
5/5/2013 11:00	33125	14.7	86.6	11.78	24.26	9.39	81.2	21.49	20.68	58.59	60.95	24.47	18.89	0	713.8	26.5	7.445	0.008	11.86
5/5/2013 12:00	33126	13.61	84.2	13.13	22.47	8.97	78.89	22.31	18.89	61.39	63.71	25.69	20.56	0	725.2	26.54	7.451	0.006	16.97
5/5/2013 13:00	33127	9.62	95.1	21.07	18.89	6.725	92.5	29.86	15.31	64.51	66.8	23.98	19.27	0	764.7	26.55	7.458	0.007	11.86
5/5/2013 14:00	33128	8.57	121.8	39.59	18.89	6.191	119.9	50.96	18.89	68.47	70.58	20.84	16.67	0	1014	26.54	7.468	0.009	11.7
5/5/2013 15:00	33129	7.637	123.5	40.99	18.89	5.45	123.4	49.06	13.52	71.7	73.91	18.39	14.55	0	1064	26.54	7.474	0.006	15.71
5/5/2013 16:00	33130	7.843	108.2	31.97	17.1	5.766	105.9	45.28	13.52	73.42	75.39	17.2	13.73	0	977	26.52	7.477	0.003	15.96
5/5/2013 17:00	33131	8.61	110.7	31.54	18.89	6.033	107.5	41.2	17.1	74.11	76.39	16.64	12.96	0	837	26.49	7.48	0.003	16.15
5/5/2013 18:00	33132	8.39	118.4	33.59	17.1	5.947	115.1	43.55	13.52	74.49	76.01	15.71	12.2	0	640.6	26.47	7.48	0	11.74
5/5/2013 19:00	33133	9.68	133	20.69	18.89	6.484	134.4	28.91	13.52	73.74	75.22	15.78	12.05	0	424	26.45	7.48	0	16.27
5/5/2013 20:00	33134	10.42	126.6	18.92	18.89	6.516	127.1	27.03	15.31	72.82	73.49	16.39	12.93	0	205.3	26.43	7.48	0	11.7
5/5/2013 21:00	33135	9.84	116	8.13	17.1	5.644	115.9	19.31	11.74	69.41	68.65	19.03	16.03	0	22.14	26.41	7.481	0.001	16.85
5/5/2013 22:00	33136	7.736	104.8	8.55	11.74	4.084	98.8	19.98	8.16	64.9	63.35	22.4	19.52	0	0.011	26.4	7.486	0.005	11.73
5/5/2013 23:00	33137	8.06	96.5	5.429	9.95	4.065	89.2	15.59	6.368	60.64	58.77	25.83	22.85	0	0.006	26.38	7.489	0.003	13.93
5/6/2013 0:00	33138	8.82	92	6.718	13.52	4.499	88.6	16.57	8.16	58.65	57.05	28.17	24.98	0	0.003	26.37	7.501	0.011	13.9
5/6/2013 1:00	33139	9.6	89.6	7.016	18.89	5.184	86.6	16.78	9.95	57.06	56.03	29.41	25.72	0	0.005	26.37	7.508	0.007	15.56
5/6/2013 2:00	33140	8.84	95	7.355	13.52	4.955	90.3	17.23	8.16	55.67	54.6	30.79	27.01	0	0.002	26.36	7.511	0.003	11.81
5/6/2013 3:00	33141	9.51	96.8	8.12	15.31	5.672	91.5	17.75	11.74	55.3	54.47	32.49	28.53	0	0.002	26.34	7.524	0.013	16.43
5/6/2013 4:00	33142	10.3	101.5	9.67	17.1	6.364	97.2	20.08	11.74	56.42	55.88	35.15	31.2	0	0.004	26.33	7.536	0.013	11.81
5/6/2013 5:00	33143	11.8	116.3	10.6	18.89	7.14	114.9	21.77	13.52	58.2	57.83	37.65	34.08	0	0.006	26.34	7.551	0.015	11.43
5/6/2013 6:00	33144	14.12	113.7	8.96	27.84	8.64	112.2	19.91	18.89	58.29	58.01	40.93	37.12	0	0.005	26.34	7.56	0.009	11.69
5/6/2013 7:00	33145	15.17	116.1	10.29	26.05	9.19	114.3	21.18	20.68	58.79	58.49	41.94	38.27	0	0.173	26.33	7.572	0.012	15.7
5/6/2013 8:00	33146	10.73	96.8	13.52	18.89	6.545	92.9	22.92	15.31	58.24	58	44.55	40.47	0	16.74	26.35	7.578	0.006	13.05
5/6/2013 9:00	33147	8.48	103.6	28.69	18.89	5.387	100.8	36.8	15.31	58.26	58.51	45.8	41.26	0	109.5	26.36	7.816	0.238	11.87
5/6/2013 10:00	33148	12.62	133.8	10.56	22.47	7.675	135.5	18.31	15.31	60.62	60.94	42.29	38.41	0	111.1	26.38	7.838	0.022	11.84
5/6/2013 11:00	33149	10.55	141.4	12.54	17.1	6.438	142	19.22	11.74	60.39	60.73	44.07	40.14	0	132.8	26.4	7.86	0.022	12.67
5/6/2013 12:00	33150	3.622	163.1	30.26	9.95	2.072	163.6	29.23	8.16	59.03	58.77	57.79	57.54	0.02	193.6	26.42	7.902	0.041	13.99

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/6/2013 13:00	33151	10.17	114.2	16.18	18.89	6.252	112.6	24.95	13.52	61.09	61.44	51.87	49.98	0	243.7	26.38	7.93	0.028	16.73
5/6/2013 14:00	33152	12.21	123.3	13.86	18.89	7.839	123.9	23.57	15.31	65.68	67.64	43.91	40.98	0	820	26.39	7.955	0.025	11.66
5/6/2013 15:00	33153	14.05	136.5	17.43	24.26	9.09	138.2	24.48	18.89	70.8	73.66	37.65	34.4	0	1045	26.41	7.972	0.017	16.12
5/6/2013 16:00	33154	14.35	134.9	16.17	24.26	9.2	135.3	24.73	20.68	72	74.85	39.07	35.29	0	956	26.42	7.994	0.022	11.86
5/6/2013 17:00	33155	14.72	134.5	22.55	26.05	9.39	134.1	29.79	22.47	74.89	77.43	35.45	32.42	0	825	26.38	8.02	0.025	11.75
5/6/2013 18:00	33156	16.06	138.2	15.18	27.84	10.07	138.8	22.61	20.68	75.31	77.33	34.16	31.44	0	591.8	26.36	8.03	0.013	14.49
5/6/2013 19:00	33157	17.5	132.7	13.43	29.63	10.91	133.6	20.73	22.47	75.4	76.98	34.02	31.72	0	447.6	26.35	8.04	0.006	11.81
5/6/2013 20:00	33158	17.86	118.3	10.03	27.84	10.83	118.2	20.47	20.68	73.79	74.31	36.33	34.79	0	185.1	26.33	8.04	0.006	11.68
5/6/2013 21:00	33159	16.25	113.8	8.77	27.84	9.86	113.4	21.29	18.89	69.86	69.61	41.86	40.11	0	20.93	26.32	8.05	0.01	11.66
5/6/2013 22:00	33160	15.37	123.7	9.13	26.05	9.12	124.6	19.28	20.68	66.63	66.09	45.99	43.56	0	0.024	26.31	8.07	0.018	11.74
5/6/2013 23:00	33161	15.68	130.3	8.38	24.26	9.22	131.5	17.53	18.89	63.9	63.39	51.07	47.56	0	0.013	26.32	8.08	0.01	11.76
5/7/2013 0:00	33162	13.05	127.7	8.38	22.47	7.664	128.6	17.76	15.31	60.89	60.34	56.88	52.27	0	0.008	26.33	8.09	0.013	14.14
5/7/2013 1:00	33163	10.18	119	10.78	17.1	5.956	117.3	21.38	11.74	58.08	57.4	62.78	57.29	0	0.003	26.31	8.11	0.01	11.75
5/7/2013 2:00	33164	8.59	94.8	19.58	13.52	5.064	87.4	28.17	9.95	55.88	55.23	67.46	61.13	0	0.001	26.3	8.12	0.011	16.23
5/7/2013 3:00	33165	10.41	83.9	11.35	15.31	6.162	79.66	20.52	11.74	53.54	52.96	71.8	64.49	0	0	26.29	8.14	0.022	11.79
5/7/2013 4:00	33166	10.71	75.7	10.04	17.1	6.208	68.24	18.37	9.95	51.04	50.56	76.24	67.7	0	0	26.27	8.16	0.019	11.81
5/7/2013 5:00	33167	9.87	82.7	9.6	15.31	5.806	77.67	19.2	11.74	49.34	48.84	82.5	72.96	0	0	26.26	8.17	0.016	16.04
5/7/2013 6:00	33168	8.16	79.55	12.25	15.31	4.71	72.7	20.4	9.95	48.49	47.86	84.1	74.62	0	0	26.25	8.19	0.019	14.24
5/7/2013 7:00	33169	6.615	84.5	8.55	9.95	3.503	74.85	16.7	6.368	48.09	46.99	84.4	75.68	0	0.538	26.25	8.21	0.016	16.66
5/7/2013 8:00	33170	6.992	83	13.01	9.95	4.016	71.8	20.57	8.16	49.34	48.8	81.3	72.71	0	71.32	26.25	8.22	0.016	11.84
5/7/2013 9:00	33171	7.346	153.2	31.57	15.31	4.78	155.2	37.75	9.95	56.07	57.21	68.9	60.36	0	275.2	26.29	8.25	0.021	13.09
5/7/2013 10:00	33172	10.09	194.2	15.43	17.1	6.841	197.5	20.12	13.52	61.67	63.2	60.04	52.88	0	497.4	26.33	8.27	0.02	16.28
5/7/2013 11:00	33173	8.09	201	17.38	15.31	6.042	204.9	20.53	11.74	67.26	68.44	49.5	44.98	0	699	26.36	8.29	0.021	14.78
5/7/2013 12:00	33174	7.069	208.3	22.09	13.52	5.351	210.2	25.21	11.74	73.54	74.48	36.77	34.86	0	877	26.39	8.3	0.011	11.7
5/7/2013 13:00	33175	5.432	215.6	49.62	13.52	4.416	220	51.3	11.74	79.17	79.69	28.25	27.19	0	989	26.41	8.33	0.027	15.67
5/7/2013 14:00	33176	6.095	237.8	36.09	15.31	4.927	237.2	37.99	13.52	83.6	84.3	21.31	19.96	0	1029	26.4	8.35	0.022	11.82
5/7/2013 15:00	33177	9.05	217	39.62	22.47	6.811	218.7	40.67	17.1	85.2	86.5	15.88	13.72	0	951	26.39	8.36	0.016	16.83
5/7/2013 16:00	33178	11.73	194	29.91	24.26	8.02	197	31.05	17.1	84.2	85.6	14.76	12.19	0	633.8	26.36	8.37	0.006	12.25
5/7/2013 17:00	33179	12.72	216.7	24.5	27.84	9.18	217.7	26.74	24.26	84.3	85.4	13.09	10.51	0	477.1	26.33	8.37	-0.003	15.99
5/7/2013 18:00	33180	14.86	220.8	14.5	24.26	10.95	221.7	15.91	20.68	84.5	85.4	13.34	10.78	0	485.1	26.31	8.37	0	16.31
5/7/2013 19:00	33181	14.5	230.9	13.95	27.84	11.14	229.7	15.36	24.26	84.3	84.9	13.57	11.19	0	384.1	26.29	8.37	0	16.79
5/7/2013 20:00	33182	15.86	232	9.99	24.26	12	231.4	12.01	20.68	82.6	82.5	12.91	10.58	0	149.8	26.28	8.37	0.001	11.7
5/7/2013 21:00	33183	11.36	229.1	9.33	29.63	7.903	229	12.18	26.05	79.88	79.09	14.1	12.11	0	21.21	26.28	8.37	0	16.8
5/7/2013 22:00	33184	5.942	245.7	7.225	9.95	2.619	237.2	11.3	6.368	74.21	71.36	17.54	16.55	0	0.032	26.26	8.37	-0.001	12.31
5/7/2013 23:00	33185	5.193	229.7	40.5	15.31	1.698	187.7	40.21	9.95	70.73	65.96	20.41	20.82	0	0.008	26.24	8.37	0.007	15.15
5/8/2013 0:00	33186	11.18	169.8	9.97	18.89	6.113	171.5	17.67	13.52	72.34	71.12	34.34	33.21	0	0.013	26.25	8.38	0.01	11.61
5/8/2013 1:00	33187	10.06	160.4	7.685	20.68	5.432	160.2	15.58	11.74	69.1	68.12	46.6	44.91	0	0.021	26.26	8.39	0.01	13.47
5/8/2013 2:00	33188	8.91	163.9	8.71	15.31	4.726	166.5	16.6	9.95	66.01	64.98	59.43	55.84	0	0.013	26.26	8.41	0.019	11.74
5/8/2013 3:00	33189	8.99	169.9	8.92	17.1	4.852	172.5	17.45	11.74	64.81	64	73.74	68.31	0	0.005	26.24	8.42	0.013	11.74
5/8/2013 4:00	33190	6.154	174.3	14.2	11.74	3.077	177.2	20.56	8.16	62.4	61.22	83.1	76.63	0	0.003	26.23	8.45	0.026	15.53
5/8/2013 5:00	33191	6.932	175.1	8.79	11.74	3.518	180.5	16.44	8.16	60.81	59.73	90.1	82.5	0	0.007	26.21	8.48	0.029	11.8
5/8/2013 6:00	33192	5.631	190.2	13.37	9.95	2.522	195.9	19.01	4.578	59.12	57.89	95.5	86.8	0	0.378	26.21	8.5	0.02	11.81
5/8/2013 7:00	33193	5.446	195.8	10.63	8.16	2.119	200.3	15.49	4.578	58.08	56.48	98.8	90.1	0	2.122	26.21	8.52	0.017	15.97
5/8/2013 8:00	33194	3.889	205.9	11.31	8.16	1.575	207.5	11.68	4.578	58.15	57.38	98.7	93	0	73.79	26.23	8.54	0.025	14.83
5/8/2013 9:00	33195	7.303	214.2	11.84	11.74	5.168	214.9	14.86	9.95	62.3	62.29	91.2	86.3	0	176.2	26.26	2.229	-6.312	14.55

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/8/2013 10:00	33196	9.14	221	12.56	15.31	6.727	221.3	14.43	11.74	66.46	66.86	75.39	69.37	0	312.4	26.3	3.009	0.78	12.13
5/8/2013 11:00	33197	10.71	259.6	15.6	20.68	8.62	258.3	16.74	17.1	72.68	72.73	38.65	37.91	0	397.1	26.33	9.43	6.424	13.7
5/8/2013 12:00	33198	15.63	273.6	12.8	24.26	12.47	271.8	15.81	20.68	77.01	77.72	18.85	17.47	0	688.2	26.35	9.43	0	11.81
5/8/2013 13:00	33199	14.06	266.1	17.98	24.26	11.3	264.7	20.9	20.68	80	80.9	9.27	6.832	0	897	26.37	9.44	0.003	11.62
5/8/2013 14:00	33200	14.86	260.6	19.7	26.05	12.05	259.6	21.69	24.26	81.9	82.9	8.19	5.371	0	956	26.37	9.43	-0.004	14.64
5/8/2013 15:00	33201	15.81	263.4	18.97	26.05	12.87	262.3	21.23	22.47	83.3	84.4	6.502	3.4	0	1067	26.36	9.43	0.003	13.84
5/8/2013 16:00	33202	13.61	254.1	22.26	26.05	10.99	253.3	23.79	22.47	84.5	85.4	6.123	2.958	0	976	26.35	9.43	0	12.04
5/8/2013 17:00	33203	12.91	224.7	23.78	26.05	9.9	225.5	24.43	20.68	85.1	86.1	6.658	3.299	0	807	26.31	9.43	0	11.7
5/8/2013 18:00	33204	11.44	240.9	27.55	24.26	9	239.7	29.01	18.89	86	86.6	5.373	2.208	0	652.7	26.29	9.43	-0.003	14.21
5/8/2013 19:00	33205	13.22	225	17.94	24.26	9.9	225.7	19.58	18.89	85.2	85.8	4.548	1.81	0	443.2	26.28	9.43	0	11.42
5/8/2013 20:00	33206	15.34	224	14.65	24.26	10.97	224.4	16.17	20.68	83.6	83.6	5.302	1.842	0	189.5	26.27	9.43	-0.005	16.78
5/8/2013 21:00	33207	15.41	233.3	10.59	31.42	11.43	232.7	12.04	24.26	80.2	79.66	7.215	3.794	0	22.11	26.28	9.42	-0.003	12.32
5/8/2013 22:00	33208	7.105	257.8	13.42	17.1	4.587	256.6	16.65	15.31	75.2	73.53	10.85	8.07	0	0.038	26.27	9.42	0.001	12.29
5/8/2013 23:00	33209	5.282	233.7	16.64	8.16	1.643	231.2	31.48	4.578	71.13	66.84	13.43	11.97	0	0.006	26.26	9.43	0.002	16.4
5/9/2013 0:00	33210	3.874	246.3	32.09	6.368	1.43	276	58.93	4.578	68.28	64.39	15.48	14.01	0	0.001	26.25	9.43	0.006	16.84
5/9/2013 1:00	33211	8.87	308.1	9.24	15.31	6.058	314.2	11.63	9.95	70.03	68.03	15.69	13.22	0	0.006	26.24	9.43	0	11.81
5/9/2013 2:00	33212	7.6	315.3	9.44	13.52	5.141	314.8	11.66	9.95	69.54	68.59	16.64	13.6	0	0.015	26.24	9.44	0.003	11.51
5/9/2013 3:00	33213	7.723	217.7	88.1	13.52	4.844	216.1	89	9.95	69.39	68.45	16.75	13.69	0	0.013	26.25	9.44	0	16.15
5/9/2013 4:00	33214	5.923	177.2	32.34	11.74	2.497	168.2	40.84	6.368	69.27	67.29	16.03	13.7	0	0.012	26.26	9.44	0	16.31
5/9/2013 5:00	33215	8.13	202.7	29.37	20.68	4.765	200.7	34.19	15.31	70.93	69.03	15.07	12.71	0	0.007	26.27	9.44	0	16.7
5/9/2013 6:00	33216	4.108	268.7	29.52	9.95	2.292	284.2	27.87	8.16	69.78	67.53	16.59	14.79	0	0.013	26.26	9.44	0	11.77
5/9/2013 7:00	33217	6.594	255.8	36.13	11.74	3.704	248.3	42.15	9.95	68.84	66.75	17.6	15.7	0	0.353	26.28	2.204	-7.232	11.94
5/9/2013 8:00	33218	6.395	253.8	23.84	13.52	4.147	260.9	23.15	9.95	69.26	67.59	19.08	16.88	0	26.31	26.29	2.007	-0.197	11.82
5/9/2013 9:00	33219	10.91	226.6	12.17	17.1	7.791	225.2	13.68	15.31	72.85	72.34	19.75	17.46	0	143.2	26.3	9.44	7.429	12.02
5/9/2013 10:00	33220	11.95	201.6	10.8	18.89	7.781	203.8	14.8	15.31	75.05	75.22	18.34	15.96	0	295.2	26.32	9.43	-0.003	14.44
5/9/2013 11:00	33221	11.79	213.3	17.27	22.47	8.29	214.2	19.11	17.1	78.2	78.97	16.77	14.1	0	531.7	26.34	9.43	0	11.57
5/9/2013 12:00	33222	9.78	235.1	31.56	18.89	7.904	235.6	31.25	15.31	80.5	81.2	12.94	10.16	0	856	26.36	9.44	0.002	11.79
5/9/2013 13:00	33223	9.29	284.1	39.82	20.68	7.636	285.4	43.35	17.1	82.3	83	10.73	7.922	0	1016	26.38	9.43	-0.001	11.71
5/9/2013 14:00	33224	9.49	263.6	54.68	24.26	7.681	263.5	51.6	24.26	83.8	84.5	8.9	5.92	0	1068	26.37	9.43	0	16.83
5/9/2013 15:00	33225	12.98	272.9	27.37	26.05	10.67	273.1	29.26	27.84	83.2	84.3	9.56	6.309	0	1061	26.36	9.43	-0.003	15.8
5/9/2013 16:00	33226	14.23	261.1	25.12	26.05	11.57	259.8	27.46	22.47	83.4	84.6	9.72	6.506	0	984	26.35	9.43	0	16.69
5/9/2013 17:00	33227	15.21	263	26.55	27.84	12.24	262.7	29.2	22.47	83.4	84.5	10.08	6.877	0	831	26.33	9.43	0	16.17
5/9/2013 18:00	33228	11.92	271.7	25.47	24.26	9.67	272.2	28.9	20.68	83.6	84.3	9.91	6.758	0	663.6	26.31	9.43	0	16.6
5/9/2013 19:00	33229	10.18	247.5	20.28	20.68	8.13	246.6	22.51	17.1	83.1	83.5	10.42	7.41	0	400.2	26.3	9.43	0	11.65
5/9/2013 20:00	33230	7.036	284.3	36.63	15.31	5.515	281.5	37.28	13.52	82.3	82.1	11.27	8.49	0	183.5	26.3	9.43	-0.003	11.64
5/9/2013 21:00	33231	6.567	305.2	7.898	11.74	3.963	308	10.32	9.95	77.94	76.4	13.65	11.45	0	16.38	26.29	9.43	0	14.48
5/9/2013 22:00	33232	5.455	338.2	17.09	9.95	2.921	353.4	14.59	6.368	76.55	72.46	14.5	13.8	0	0.019	26.28	9.43	0	15.81
5/9/2013 23:00	33233	7.362	28.61	11.47	11.74	4.127	24.37	14.91	9.95	73	71.68	16.52	14.01	0	0.026	26.28	9.44	0.007	16.76
5/10/2013 0:00	33234	9.48	34.63	19.16	20.68	5.483	34.27	19.92	18.89	70.06	69.04	21.14	18.2	0	0.02	26.28	9.44	0	11.72
5/10/2013 1:00	33235	13.34	60.58	14.74	27.84	7.554	54.06	19.89	17.1	65.06	64.74	55.7	51.3	0	0.014	26.3	9.43	-0.003	11.73
5/10/2013 2:00	33236	16.6	59.55	9.85	27.84	9.74	53.59	16.73	22.47	63.19	63.02	67.36	61.89	0	0.006	26.32	9.43	0	11.97
5/10/2013 3:00	33237	18.93	52.45	11.85	29.63	10.63	45.47	16.6	24.26	61.34	61.2	65.57	60.05	0	0.001	26.3	9.43	0	11.73
5/10/2013 4:00	33238	21.71	44.1	9.51	34.99	11.76	37.91	12.34	24.26	57.45	57.39	69.4	62.61	0	0.001	26.29	9.43	0.001	11.8
5/10/2013 5:00	33239	20.57	43.96	9.39	31.42	11.18	38.02	12.49	22.47	55.6	55.53	75.59	67.68	0	0	26.28	9.44	0.002	11.59
5/10/2013 6:00	33240	18.52	48.06	8.17	29.63	9.59	38.66	12.46	18.89	54.45	54.31	78.42	70.16	0	0	26.28	9.44	0	12.18

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/10/2013 7:00	33241	12.58	45.59	13.9	22.47	6.82	37.8	16.57	13.52	53.54	53.31	79.2	70.77	0	0.453	26.3	9.44	0	11.89
5/10/2013 8:00	33242	9.01	39.77	15.51	17.1	5.601	32.89	17.97	13.52	53.93	53.97	77.34	69.01	0	64.62	26.33	9.44	0	11.84
5/10/2013 9:00	33243	9.26	355.6	25.56	20.68	7.167	350.6	24.22	17.1	56.08	56.33	71.01	63.56	0	111.9	26.38	9.44	-0.001	16.66
5/10/2013 10:00	33244	19.84	4.208	16.01	33.21	14.9	0.901	16.97	27.84	59.86	60.61	58.06	52.42	0	451.9	26.43	9.43	-0.002	11.83
5/10/2013 11:00	33245	24.53	20.53	10.23	36.78	17.67	17	12.09	33.21	61.4	62.14	53.02	48.14	0	539	26.45	9.44	0.003	16.03
5/10/2013 12:00	33246	24.01	27.29	11.07	38.57	15.81	23.11	13.35	33.21	61.83	62.55	52.58	47.79	0	464.6	26.45	9.44	0	11.88
5/10/2013 13:00	33247	17.19	45.42	13.57	33.21	9.87	39.83	16.55	26.05	61.11	61.07	58.53	56.31	0.06	333.9	26.45	9.43	-0.003	11.44
5/10/2013 14:00	33248	16.86	57.22	11.46	26.05	9.75	50.22	18.09	22.47	63.51	64.79	57.72	55.41	0	863	26.43	9.44	0.003	11.84
5/10/2013 15:00	33249	11.53	39.39	19.21	22.47	7.464	32.45	21.96	15.31	66.7	68.28	45.77	44.02	0	889	26.46	9.43	-0.003	16.79
5/10/2013 16:00	33250	11.02	18.92	26.19	24.26	7.858	14.45	27.49	18.89	68.26	69.58	43.41	41.52	0	583.4	26.47	9.43	0	15.92
5/10/2013 17:00	33251	13.39	352.2	9.44	22.47	10	349.2	12.19	18.89	64.57	65.07	55.6	52.23	0	103.5	26.46	9.44	0.002	11.79
5/10/2013 18:00	33252	12.81	13.92	16.81	20.68	9.44	10.69	18.06	17.1	66.72	67.65	49.32	46.26	0	656.8	26.43	9.44	0	11.82
5/10/2013 19:00	33253	12.81	30.54	14.72	20.68	8.43	26.38	16.75	17.1	65.85	66.5	51.15	47.59	0	270.7	26.43	9.43	0	11.95
5/10/2013 20:00	33254	10.7	44.96	12.46	17.1	6.155	39.35	16.12	11.74	64.41	64.54	52.3	48.87	0	98.4	26.44	9.44	0.001	16.17
5/10/2013 21:00	33255	8.16	39.57	17.52	13.52	5.112	33.92	19.51	9.95	63.82	63.69	54.14	50.6	0	11.7	26.46	9.43	-0.003	16.73
5/10/2013 22:00	33256	6.314	60.99	11.24	11.74	3.482	57.72	17.16	8.16	61.39	60.65	61.02	57.21	0	0.007	26.46	9.43	0	11.84
5/10/2013 23:00	33257	6.392	65	10.13	9.95	3.597	61.44	17.6	8.16	58.55	57.78	72.25	66.77	0	0.002	26.47	2.315	-7.118	11.84
5/11/2013 0:00	33258	6.079	73.02	11.82	9.95	3.165	71.54	18.48	6.368	56.71	55.9	77.12	70.84	0	0.002	26.47	2.182	-0.133	12.25
5/11/2013 1:00	33259	3.594	26.6	25.2	6.368	1.681	353.3	17.66	4.578	55.99	54.72	78.41	72.41	0	0.001	26.48	2.058	-0.124	11.88
5/11/2013 2:00	33260	6.839	29.48	10.03	11.74	4.128	26.65	12.64	8.16	55.94	55.52	76.8	69.55	0	0.002	26.47	2.055	-0.003	14.98
5/11/2013 3:00	33261	8.03	33.52	10.35	13.52	4.66	29.98	12.39	9.95	55.44	55.04	77.4	69.9	0	0.001	26.46	2.353	0.298	14.34
5/11/2013 4:00	33262	8.12	26.27	17.4	13.52	5.039	21.45	18.13	9.95	55.41	55.04	77.23	69.76	0	0.004	26.45	2.189	-0.165	15.66
5/11/2013 5:00	33263	7.33	17	10.85	11.74	5.002	13.62	13.14	9.95	55.22	54.77	77.32	69.79	0	0.001	26.46	1.957	-0.232	11.96
5/11/2013 6:00	33264	6.616	20.54	10.62	11.74	4.248	18.55	13.94	9.95	54.47	53.92	81.7	73.33	0	0.002	26.47	2.182	0.225	11.85
5/11/2013 7:00	33265	8.36	16.37	9.42	13.52	6.161	13.58	10.88	11.74	54.31	54.03	87.4	77.89	0	0.606	26.49	2.433	0.251	11.91
5/11/2013 8:00	33266	7.794	23.28	9.29	11.74	5.503	19.93	11.71	9.95	54.73	54.65	84.6	75.81	0	76.09	26.51	2.198	-0.235	11.89
5/11/2013 9:00	33267	7.102	39.26	12.97	11.74	4.346	34.69	15.83	11.74	58.35	59.13	73.18	66.06	0	278.5	26.54	1.772	-0.426	12.4
5/11/2013 10:00	33268	7.564	79.06	15.49	13.52	5.097	72.64	23.57	11.74	62.65	64.58	61.75	55.94	0	500.4	26.57	1.557	-0.216	11.87
5/11/2013 11:00	33269	8.16	84.4	22.41	17.1	5.646	79.87	31.75	13.52	65.76	67.74	49.65	45.97	0	695.3	26.6	0.558	-0.999	14.24
5/11/2013 12:00	33270	10.29	68.39	17.64	20.68	6.824	59.25	25.51	15.31	68.02	70.24	40.71	38.43	0	873	26.62	-0.662	-1.22	13.3
5/11/2013 13:00	33271	11.61	75.9	21.51	22.47	7.543	69.95	29.35	17.1	69.94	72.62	36.57	34.17	0	874	26.63	9.43	10.1	15.77
5/11/2013 14:00	33272	11.2	67.38	25.27	20.68	7.375	60.57	30.29	17.1	71.72	74.25	33.68	31.5	0	941	26.63	9.43	0	11.81
5/11/2013 15:00	33273	12.23	62.96	23.3	24.26	7.958	57.73	28.53	18.89	72.63	75.01	31.16	28.96	0	892	26.62	9.43	0	11.83
5/11/2013 16:00	33274	12.5	60.49	21.81	24.26	7.862	54.84	27.39	18.89	73.57	75.95	29.07	26.8	0	795	26.61	9.43	0	11.73
5/11/2013 17:00	33275	11.5	66.7	20.13	24.26	7.358	61.35	26.65	17.1	73.72	75.58	28.24	26.1	0	581	26.58	9.43	0	14.21
5/11/2013 18:00	33276	13.36	54.91	22.62	31.42	8.14	49.04	25.81	24.26	72.82	74.05	31.74	30.81	0	561.4	26.56	9.43	0	15.78
5/11/2013 19:00	33277	18.3	48.55	17.34	38.57	10.59	43.59	21.09	26.05	68.31	69.13	40.85	38.24	0	219.9	26.57	9.43	0	11.74
5/11/2013 20:00	33278	7.971	63.34	18.77	27.84	4.761	56.39	23.18	20.68	65.56	65.53	46.42	44.93	0	104.8	26.55	9.44	0.003	12.2
5/11/2013 21:00	33279	6.563	64.08	13.14	11.74	3.728	59.28	18.24	9.95	65.09	64.67	50.34	47.92	0	33.16	26.55	9.43	-0.003	11.75
5/11/2013 22:00	33280	7.312	25.04	9.66	11.74	4.67	22.84	12.19	9.95	63.77	63.13	53.61	50.55	0	0.009	26.54	9.43	0	11.82
5/11/2013 23:00	33281	7.933	33.25	8.37	11.74	3.981	33.33	11.96	8.16	61.75	60.99	56.66	53.23	0	0.003	26.55	9.43	0	15.44
5/12/2013 0:00	33282	8.23	29.53	7.497	15.31	4.469	29.37	11.82	13.52	60.47	59.48	57.71	54.23	0	0	26.56	9.43	0.001	11.94
5/12/2013 1:00	33283	9.92	29.07	10.14	20.68	6.127	25.57	12.42	13.52	59.06	58.55	58.05	53.56	0	0.003	26.55	9.44	0.002	11.86
5/12/2013 2:00	33284	9.24	31.97	8.58	15.31	5.239	28.03	11.67	9.95	56.73	56.2	61.8	56.5	0	0.002	26.54	9.44	0	11.83
5/12/2013 3:00	33285	10.42	25.8	8.28	17.1	6.805	22.71	11.26	17.1	56.4	55.86	61.52	56.07	0	0.001	26.54	9.44	0.001	16.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/12/2013 4:00	33286	10.16	31.99	10.12	17.1	6.062	28.25	12.8	15.31	54.83	54.43	66.97	60.25	0	0	26.52	9.44	0	12.17
5/12/2013 5:00	33287	9.61	39.5	12.03	15.31	5.154	36.06	15.02	11.74	53.5	53	72.64	65.22	0	0	26.51	9.43	-0.003	11.85
5/12/2013 6:00	33288	10.77	53.04	8.89	15.31	5.7	47.8	15.76	11.74	52.99	52.36	73.14	65.94	0	0.001	26.5	9.43	0	11.91
5/12/2013 7:00	33289	10.36	53.37	10.49	17.1	5.855	49.28	16.47	9.95	51.62	51.09	78.02	69.68	0	0.985	26.51	9.43	0	11.94
5/12/2013 8:00	33290	9.77	58.7	9.78	13.52	5.787	53.94	15.87	11.74	51.43	51.34	82.7	73.12	0	79.95	26.52	9.43	0	13.64
5/12/2013 9:00	33291	10.47	78.99	11.25	17.1	6.592	72.83	19.99	13.52	55.63	56.75	77.78	68.32	0	289.4	26.55	9.43	0.002	15.51
5/12/2013 10:00	33292	9.32	89.4	12.84	15.31	6.116	82.9	22.7	11.74	61.57	63.54	61.31	54.78	0	513.6	26.58	9.43	-0.002	12.27
5/12/2013 11:00	33293	7.801	138.3	33.77	17.1	5.494	139.2	41.29	13.52	69.38	71.09	39.52	37.05	0	706.4	26.61	9.43	0.001	16.7
5/12/2013 12:00	33294	8.93	158.7	25.93	20.68	6.102	160.7	34.7	24.26	72.74	74.76	30.77	28.3	0	886	26.65	9.43	-0.001	11.81
5/12/2013 13:00	33295	9.42	169.4	37.08	18.89	6.781	173.1	42.03	15.31	75.26	77.28	27.24	24.81	0	1096	26.66	9.44	0.002	16.98
5/12/2013 14:00	33296	8.78	184.1	39.36	20.68	6.24	186.8	38.9	17.1	77.06	78.82	23.61	21.14	0	1052	26.66	9.43	-0.001	11.62
5/12/2013 15:00	33297	8.71	170.7	40.85	20.68	6.098	174.9	43.13	17.1	77.35	79.4	22.98	20.29	0	898	26.64	9.43	0	11.67
5/12/2013 16:00	33298	10.65	186.2	38.73	22.47	7.46	187.4	39.66	15.31	77.33	79.13	22.42	19.69	0	789.5	26.61	9.43	0	11.67
5/12/2013 17:00	33299	9.68	182.1	34.05	20.68	6.675	185.9	38.81	17.1	77.79	79.17	21.23	18.72	0	692.4	26.59	9.43	-0.002	11.75
5/12/2013 18:00	33300	9.63	165.3	30.64	24.26	6.548	168.5	34.13	15.31	78.25	79.83	20.52	17.89	0	574.7	26.57	9.44	0.002	11.54
5/12/2013 19:00	33301	8.68	190.1	24.63	18.89	5.951	192.9	29.16	13.52	77.42	78.5	19.89	17.33	0	440.9	26.54	9.43	-0.002	11.71
5/12/2013 20:00	33302	8.94	174.9	20.27	17.1	5.61	176.4	25.72	11.74	76.24	76.41	20.8	18.81	0	170.6	26.53	9.43	-0.006	14.14
5/12/2013 21:00	33303	8.09	174.5	11.47	15.31	4.133	173.4	18.42	11.74	73.08	72.05	24.11	23.03	0	29.04	26.52	9.42	-0.003	11.68
5/12/2013 22:00	33304	6.917	161.3	7.764	9.95	2.525	146.6	17.8	6.368	67.57	64.38	29.1	30.08	0	0.026	26.51	9.42	0	11.72
5/12/2013 23:00	33305	7.858	157.9	8.16	11.74	3.261	151.9	14.74	8.16	64.64	61.76	32.14	32.49	0	0.003	26.51	9.42	0	16.88
5/13/2013 0:00	33306	8.07	158.5	6.825	11.74	3.65	154.5	14.27	6.368	62.04	59.92	35.96	35.34	0	0.003	26.51	9.43	0.004	15.95
5/13/2013 1:00	33307	7.229	165.3	7.874	15.31	3.033	161.8	14.84	8.16	59.24	57.11	40.63	39.7	0	0.001	26.51	9.44	0.008	11.83
5/13/2013 2:00	33308	5.004	171.8	8.06	8.16	0.951	169.3	11.75	4.578	56.87	54.24	46.37	45.18	0	0	26.51	9.44	0.001	11.83
5/13/2013 3:00	33309	4.205	188.4	8.44	6.368	0.531	164.3	9.37	2.789	56.21	53.15	49.75	48.84	0	0	26.49	9.43	-0.003	11.87
5/13/2013 4:00	33310	5.062	190.9	12.34	8.16	1.286	162.7	21.6	4.578	55.29	51.75	52.8	52.11	0	0	26.48	9.43	0	11.83
5/13/2013 5:00	33311	4.359	200.9	12.8	8.16	0.873	167.2	19.41	2.789	53.33	49.98	58.25	56.73	0	0	26.48	9.43	0	11.86
5/13/2013 6:00	33312	5.232	200.5	11.7	8.16	1.399	175.1	10.78	4.578	52.98	49.2	59.5	58.77	0	0	26.47	9.43	0	16.8
5/13/2013 7:00	33313	4.09	204	12.09	8.16	0.491	171.4	6.698	2.789	51.05	47.33	63.8	62.54	0	1.06	26.47	9.43	0.001	13.21
5/13/2013 8:00	33314	4.165	267.4	34.79	6.368	2.099	300.3	18.38	4.578	52.55	50.67	61.25	57.13	0	85.4	26.48	9.43	-0.001	17.05
5/13/2013 9:00	33315	7.003	231.3	17.97	13.52	5.399	229.7	19.3	9.95	59.24	59.57	49.92	45.19	0	299.2	26.53	9.43	0	11.84
5/13/2013 10:00	33316	11.08	213	12	18.89	7.821	214.8	15.06	15.31	64.65	65.77	42.7	39.05	0	524.6	26.58	9.44	0.002	11.85
5/13/2013 11:00	33317	11.38	205.2	13.75	18.89	8.03	208.5	17.32	17.1	68.84	70.28	35.64	32.72	0	723.6	26.61	9.43	-0.003	15.21
5/13/2013 12:00	33318	9.33	201.6	23.86	17.1	6.898	203.8	27.35	15.31	72.04	73.42	29.27	26.62	0	900	26.64	9.43	-0.001	16.92
5/13/2013 13:00	33319	8.23	208.1	35.05	17.1	6.12	210.7	36.98	13.52	75.93	77.35	23.42	21.01	0	1012	26.65	9.43	0	16.78
5/13/2013 14:00	33320	9.35	169.3	33.07	22.47	6.463	172.2	38.32	17.1	79.01	81	17.07	14.33	0	1064	26.64	9.43	-0.001	11.79
5/13/2013 15:00	33321	11	157.5	24.93	22.47	7.431	158.1	34.16	17.1	80.1	82.5	15.77	12.77	0	1052	26.63	9.43	0	13.81
5/13/2013 16:00	33322	13.24	150	24	42.15	8.65	152.8	30.06	33.21	81.4	84	12.89	9.66	0	981	26.6	9.43	0.003	15.64
5/13/2013 17:00	33323	13.26	168.5	23.25	24.26	8.71	170.5	28.55	18.89	82	84.2	12.86	9.57	0	846	26.58	9.43	-0.003	14.3
5/13/2013 18:00	33324	12.16	162.2	23.05	22.47	7.872	163.7	29.06	17.1	81.9	83.8	13.67	10.6	0	659.9	26.55	9.43	-0.003	13.29
5/13/2013 19:00	33325	10.53	160	21.9	20.68	6.849	162.8	28.08	15.31	81.2	82.8	17.1	14.36	0	440.9	26.54	9.37	-0.057	11.43
5/13/2013 20:00	33326	10.55	141.3	16.68	18.89	6.549	143.1	23.35	15.31	80	80.5	22.77	20.92	0	217.3	26.52	9.34	-0.034	11.73
5/13/2013 21:00	33327	9.95	148.1	9.18	17.1	5.551	149.2	15.62	13.52	77.03	76.39	26.47	25.66	0	31.32	26.51	9.34	0	11.67
5/13/2013 22:00	33328	7.201	136.8	8.3	9.95	3.095	126	16.97	6.368	72.2	69.62	31.18	32.09	0	0.053	26.5	9.34	0.002	16.12
5/13/2013 23:00	33329	8.75	152.2	8.78	11.74	4.504	150.3	15.26	8.16	69.79	68.06	35.91	35.76	0	0.012	26.5	9.34	0.001	16.65
5/14/2013 0:00	33330	7.676	153	5.962	13.52	3.511	149.1	13.28	8.16	67.29	65.4	41.23	41	0	0.024	26.5	9.35	0.006	15.42

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/14/2013 1:00	33331	11.09	166.8	8.14	24.26	6.022	166.8	16.13	13.52	67.16	66.12	45.87	44.22	0	0.016	26.49	9.37	0.019	14.78
5/14/2013 2:00	33332	10.74	169.1	8.24	17.1	5.962	171.3	16.53	11.74	66.16	65.28	51.25	48.75	0	0.025	26.49	9.39	0.019	16.69
5/14/2013 3:00	33333	7.369	161.8	8.93	13.52	3.389	161	15.44	9.95	63.83	62.52	56.88	54.09	0	0.015	26.47	9.4	0.013	17.03
5/14/2013 4:00	33334	4.409	138.7	12.14	6.368	1.052	97.6	14.42	2.789	60.5	57.92	62.94	61.07	0	0.006	26.45	9.42	0.026	15.93
5/14/2013 5:00	33335	5.072	128.3	6.636	8.16	1.909	83.4	10.71	4.578	58.94	56.1	66.32	64.09	0	0.002	26.42	9.44	0.012	12.65
5/14/2013 6:00	33336	5.476	136.7	9.73	9.95	1.467	118.3	21.55	4.578	57.32	54.29	70.66	68.02	0	0.001	26.41	9.44	0	11.8
5/14/2013 7:00	33337	6.793	153.4	9.76	9.95	3.037	153.2	16.94	6.368	57.11	55.56	72.52	67.57	0	1.354	26.4	9.44	0	11.59
5/14/2013 8:00	33338	4.957	171.3	17.84	8.16	2.286	178.1	21.27	6.368	58.02	57.22	71.89	65.76	0	83.1	26.4	9.44	-0.001	15.67
5/14/2013 9:00	33339	9.97	187.8	11.57	17.1	6.349	190.9	17.6	13.52	63.51	64.4	62.19	55.82	0	295.3	26.44	9.44	0.001	15.7
5/14/2013 10:00	33340	11.36	185.7	13.71	18.89	7.447	188.6	19.21	13.52	69.42	70.97	51.32	46.85	0	509.9	26.47	9.43	-0.002	11.81
5/14/2013 11:00	33341	11.25	196.1	16.34	17.1	7.719	198.8	19.73	15.31	73.7	75.35	43.18	40.29	0	694.5	26.49	9.43	-0.001	11.93
5/14/2013 12:00	33342	11.77	223.4	16.07	20.68	8.82	223.2	18.14	17.1	77.58	78.86	35.8	34.17	0	866	26.51	9.44	0.003	12.35
5/14/2013 13:00	33343	11.5	224.3	21.8	22.47	8.87	224.3	22.44	17.1	80.7	81.8	30.4	28.83	0	981	26.51	9.43	-0.001	16.97
5/14/2013 14:00	33344	12.17	210.1	26.89	27.84	8.61	212.3	29.22	24.26	81.2	82.9	28.29	26.34	0	680.7	26.49	9.43	0	16.83
5/14/2013 15:00	33345	13.67	202.1	23.79	27.84	9.39	203.4	26.68	24.26	83.2	85.2	24.43	22.16	0	967	26.46	9.43	0	11.77
5/14/2013 16:00	33346	15.32	216.5	26.71	43.94	11.2	216.8	27.41	34.99	83.6	85.3	24.09	22.04	0.01	699.6	26.44	9.43	0	12.14
5/14/2013 17:00	33347	8.76	324.6	29.12	49.31	6.005	321.9	29.48	40.36	74.26	72.42	35.29	44.95	0.05	220.7	26.39	9.42	-0.016	11.68
5/14/2013 18:00	33348	4.389	312.5	42.96	8.16	3.604	314	44.02	8.16	82.1	82.1	26.2	27.95	0	679.7	26.35	9.42	0.002	14.3
5/14/2013 19:00	33349	11.25	196.5	48.93	29.63	7.203	198.6	49.62	20.68	81.3	81.7	26.94	27.79	0	364.9	26.36	9.42	-0.001	15.7
5/14/2013 20:00	33350	13.14	166	16.42	22.47	7.579	168.6	22.16	17.1	77.28	77.19	31.86	32.56	0	106	26.34	9.42	0.001	11.7
5/14/2013 21:00	33351	12.24	194.5	30.73	24.26	7.658	195.3	34.01	18.89	73.99	73.19	35.31	36.17	0	24.19	26.33	9.42	-0.003	15.6
5/14/2013 22:00	33352	16.34	153.3	10.27	29.63	9.55	154.4	17.08	22.47	69.09	68.47	48.1	46.61	0	0.031	26.32	9.43	0.012	11.72
5/14/2013 23:00	33353	13.76	171.4	8.31	27.84	7.794	173.5	16.88	18.89	66.17	65.54	56.44	53.56	0	0.015	26.32	9.43	0.003	12.92
5/15/2013 0:00	33354	11.22	174	8.13	27.84	6.298	175.9	16.69	18.89	64.18	63.48	63.9	60.22	0	0.01	26.32	9.43	0	11.61
5/15/2013 1:00	33355	15.29	188.3	10.43	36.78	9.23	191	16.69	18.89	63.9	63.37	62.81	58.89	0	0.01	26.32	9.43	0	13.76
5/15/2013 2:00	33356	13.59	195.4	7.984	22.47	8.49	198.6	14.21	17.1	62.82	62.38	66.45	61.6	0	0.007	26.32	9.43	0	16.38
5/15/2013 3:00	33357	11.83	193.4	10.11	20.68	7.175	196.7	15.46	13.52	60.74	60.26	74.73	68.53	0	0.003	26.3	9.43	0	15.55
5/15/2013 4:00	33358	11	186.8	9.53	18.89	6.687	190.4	15.89	13.52	59.47	59.07	80.9	73.46	0	0.001	26.28	9.43	0	11.86
5/15/2013 5:00	33359	9.32	190.7	11.05	17.1	5.71	194.4	16.43	11.74	58.83	58.47	83.7	75.9	0	0.001	26.26	9.43	0	15.24
5/15/2013 6:00	33360	11.26	189.3	9.72	17.1	6.718	192.9	16.4	13.52	58.12	57.64	85.9	77.99	0	0.001	26.24	9.43	0.001	11.92
5/15/2013 7:00	33361	8.86	201	9.67	13.52	5.465	203.5	14.07	9.95	57.17	56.71	89.1	80.6	0	0.723	26.23	9.43	0.001	15.64
5/15/2013 8:00	33362	9	203.1	8.97	17.1	5.856	205.4	14.03	13.52	57.48	57.38	89.5	80.6	0	101.7	26.23	9.42	-0.013	11.73
5/15/2013 9:00	33363	10.27	196.3	9.59	15.31	6.716	200.2	15.23	13.52	60.47	60.83	79.11	71.53	0	184.4	26.25	9.43	0.005	11.61
5/15/2013 10:00	33364	10.95	201.2	14.54	17.1	7.544	202.5	17.58	15.31	64.99	66.08	66.02	59.8	0	495.4	26.26	9.44	0.009	11.79
5/15/2013 11:00	33365	10.73	243.1	14.95	18.89	8.47	241.8	16.86	15.31	71.12	71.49	48.4	46.6	0	336.9	26.3	9.43	-0.003	13.01
5/15/2013 12:00	33366	9.82	241.1	16.6	20.68	7.699	239.6	19.05	17.1	76.16	76.43	34.35	34.32	0	658.6	26.3	9.43	0	12.35
5/15/2013 13:00	33367	11.09	255.4	23.97	24.26	8.85	254.3	24.89	20.68	85.4	86.2	20.94	20.46	0	984	26.32	9.43	-0.002	16.35
5/15/2013 14:00	33368	11.93	265.1	20.53	22.47	9.74	262.9	22.39	18.89	88.6	89.6	16.45	15.43	0	1046	26.31	9.43	0	11.76
5/15/2013 15:00	33369	13.65	257.7	27.02	27.84	10.75	256.8	29.09	22.47	89.5	90.6	15.26	14.01	0	828	26.3	9.43	0	15.33
5/15/2013 16:00	33370	14.33	252.4	19.34	27.84	11.48	251.1	21.5	22.47	91.2	92.2	12.72	11.3	0	917	26.27	9.43	0.003	12.34
5/15/2013 17:00	33371	17.07	261.5	19.14	36.78	13.57	259.6	20.71	27.84	90.7	91.8	14.69	13.24	0	788.7	26.25	9.43	0	11.63
5/15/2013 18:00	33372	16.41	246.2	17.67	29.63	12.91	245	19.49	24.26	90.1	90.8	14.36	12.84	0	652.6	26.23	9.43	0	11.67
5/15/2013 19:00	33373	15.13	257.2	15.5	24.26	11.88	256.5	17.1	24.26	89.7	90.3	14.18	12.64	0	444.7	26.22	9.43	-0.003	15.81
5/15/2013 20:00	33374	11.58	250.3	13.03	22.47	8.91	247.8	13.99	18.89	88.1	87.7	15.78	14.78	0	111.1	26.21	9.43	0.001	11.61
5/15/2013 21:00	33375	5.789	176.3	41.86	9.95	2.65	168.7	44.9	6.368	84.5	81.7	17.92	18.73	0	9.93	26.2	9.43	0.001	16.2

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/15/2013 22:00	33376	12.18	98.2	14.7	27.84	7.555	89.7	23.9	20.68	78.78	77.89	26.36	25.79	0	0.057	26.21	9.43	0	11.47
5/15/2013 23:00	33377	10.29	133.7	11.72	18.89	5.796	136.4	18.62	13.52	75.92	74.95	29.94	29.7	0	0.044	26.22	9.43	0.001	11.67
5/16/2013 0:00	33378	5.127	138	66.81	13.52	2.909	155.9	71.64	8.16	74.48	72.78	30.8	31.33	0	0.021	26.23	9.44	0.002	16.76
5/16/2013 1:00	33379	5.892	181.7	50.36	17.1	3.461	182.6	55.08	11.74	73.66	72.52	32.71	32.58	0	0.022	26.21	9.44	0	17
5/16/2013 2:00	33380	5.006	105.9	17.38	8.16	2.242	80.5	16.08	6.368	70.1	67.36	37.53	38.99	0	0.017	26.19	9.44	0	16.03
5/16/2013 3:00	33381	5.302	201	40.38	9.95	1.835	246.7	25.52	6.368	66.56	63.5	42.49	43.99	0	0.003	26.16	9.43	-0.003	15.59
5/16/2013 4:00	33382	5.929	249.8	9.24	9.95	2.891	261.7	16.54	6.368	65.82	63.09	42.06	43.59	0	0.001	26.15	9.43	0	11.97
5/16/2013 5:00	33383	5.691	302.6	14.28	8.16	3.052	317.8	16.51	6.368	66.56	63.32	41.58	43.63	0	0.003	26.15	9.43	0	16.96
5/16/2013 6:00	33384	7.217	305.5	8.84	9.95	3.692	307.9	12.83	6.368	66.01	62.5	43.58	45.78	0	0.002	26.15	9.43	0	11.85
5/16/2013 7:00	33385	8.7	309.2	7.223	13.52	5.655	307.9	9.05	9.95	64.96	63.4	43.71	43.09	0	1.3	26.17	2.778	-6.656	11.86
5/16/2013 8:00	33386	11.65	315.2	7.76	17.1	8.54	314.9	8.58	13.52	66.48	65.87	38.96	37.68	0	84	26.19	0.406	-2.372	11.76
5/16/2013 9:00	33387	10.59	316	8.68	17.1	8.41	317	9.75	15.31	71.43	71.52	33.4	32.06	0	290.9	26.22	9.43	9.03	12.04
5/16/2013 10:00	33388	12.35	335.2	11.68	18.89	10.12	334	12.55	15.31	80	80.6	24.5	23.5	0	506.1	26.26	9.43	-0.002	16.84
5/16/2013 11:00	33389	12.29	345.1	13.52	18.89	9.82	342.8	14.71	15.31	85.1	86.1	20.1	18.91	0	699.2	26.3	9.44	0.002	12.34
5/16/2013 12:00	33390	10.02	335.4	21.66	17.1	8.16	333.6	21.88	15.31	89.4	90.6	16.59	15.37	0	872	26.33	9.43	-0.001	11.41
5/16/2013 13:00	33391	8.59	318.4	28.69	17.1	7.171	316.8	30.74	15.31	92	92.8	14.01	12.9	0	987	26.34	9.43	0	11.89
5/16/2013 14:00	33392	10.18	292	29.77	20.68	8.26	290	33.88	20.68	93.7	94.8	10.23	8.68	0	1043	26.34	9.43	0	16.89
5/16/2013 15:00	33393	12.03	260.6	29.86	24.26	9.79	260.1	31.33	22.47	94.9	95.9	7.759	5.888	0	1041	26.32	9.43	0	11.63
5/16/2013 16:00	33394	12.75	260.5	26.64	27.84	10.3	259.1	28.19	24.26	95.6	96.5	5.812	3.666	0	976	26.3	9.43	0	11.61
5/16/2013 17:00	33395	11.4	270.2	30.01	26.05	9.2	270.8	31.06	22.47	96.3	97.1	4.901	2.718	0	840	26.27	9.43	0	14.48
5/16/2013 18:00	33396	10.01	247.7	26.69	22.47	8.01	246.8	29.04	18.89	96.2	96.7	4.648	2.373	0	657.2	26.25	9.43	-0.01	16.62
5/16/2013 19:00	33397	12.69	271.2	18.81	24.26	10.04	270.1	21.17	18.89	95.7	96.2	3.301	2.081	0	454	26.24	9.37	-0.054	11.52
5/16/2013 20:00	33398	10.62	270.1	18.56	18.89	8.36	268.4	21.24	15.31	94.7	94.2	3.163	1.867	0	231.1	26.23	9.32	-0.051	16.12
5/16/2013 21:00	33399	6.271	266.9	15.65	15.31	3.456	267.9	20.56	13.52	90.8	88.5	4.542	3.356	0	35.16	26.22	9.31	-0.015	11.42
5/16/2013 22:00	33400	4.397	242.9	14.97	9.95	0.762	196.4	25.17	6.368	84.8	78.21	6.793	7.485	0	0.077	26.2	9.31	0.001	11.56
5/16/2013 23:00	33401	4.512	220	15.99	8.16	0.789	204	21.94	4.578	78.18	73.27	9.59	8.95	0	0.01	26.19	9.31	0.002	12.47
5/17/2013 0:00	33402	3.669	219.4	14.72	8.16	0.457	212.6	19.81	6.368	74.56	70.16	12.05	11.08	0	0.005	26.18	9.31	-0.003	11.61
5/17/2013 1:00	33403	4.71	238.1	10.13	17.1	1.34	230.1	8.9	8.16	73.46	69.62	13.67	12.49	0	0.003	26.18	9.31	0.003	16.1
5/17/2013 2:00	33404	4.938	255	11.54	9.95	1.641	260.3	17.79	6.368	73.19	68.6	14.47	14.21	0	0.002	26.17	9.33	0.016	11.7
5/17/2013 3:00	33405	4.795	229.2	10.84	8.16	0.803	210.3	17.43	4.578	71.45	65.84	15.32	15.94	0	0.003	26.16	9.34	0.019	11.7
5/17/2013 4:00	33406	1.391	175.8	31.51	4.578	1.245	73.02	14.79	4.578	68.41	63.45	17.37	18.17	0	0.001	26.15	9.37	0.022	16.25
5/17/2013 5:00	33407	3.074	233.8	62	9.95	1.252	132.1	36.88	6.368	67.81	61.44	17.7	20.19	0	0.002	26.15	9.39	0.024	12.53
5/17/2013 6:00	33408	3.447	218	21.8	6.368	0.449	151.4	35.1	4.578	65.41	59.55	19.85	21.31	0	0	26.15	9.4	0.014	11.74
5/17/2013 7:00	33409	3.994	276.5	20.79	6.368	0.888	336.8	21.68	4.578	68.86	60.68	16.94	20.6	0	1.476	26.16	9.41	0.01	16.8
5/17/2013 8:00	33410	4.635	302.4	16.07	9.95	1.327	309.7	11.79	6.368	71.06	65.84	16.49	19.16	0	96.2	26.19	9.41	-0.003	16.29
5/17/2013 9:00	33411	5.105	292.4	11.75	9.95	3.579	292.2	15.38	9.95	76.47	76.56	14.54	12.85	0	312.3	26.25	9.41	-0.002	11.73
5/17/2013 10:00	33412	10.78	302	15.17	18.89	8.71	302	17.54	17.1	84	84.4	8.84	6.143	0	529.9	26.3	9.41	0.001	11.74
5/17/2013 11:00	33413	11.81	333.5	15.87	18.89	9.48	332.5	16.97	17.1	87.8	88.5	6.455	3.534	0	720.7	26.33	9.41	-0.001	16.05
5/17/2013 12:00	33414	8.92	346	25.65	17.1	6.948	340.7	27.91	15.31	92.3	93.4	4.364	1.958	0	895	26.35	9.43	0.019	16.48
5/17/2013 13:00	33415	6.418	306.1	65.46	13.52	5.101	304.8	64.47	11.74	96.7	97.2	2.478	1.875	0	982	26.37	9.43	0.006	15.92
5/17/2013 14:00	33416	7.77	212	49.27	20.68	5.956	210.4	50.44	17.1	98.4	99.3	2.494	1.912	0	1065	26.36	9.43	0	11.51
5/17/2013 15:00	33417	9.13	216.8	54.45	18.89	6.807	219.2	55.57	17.1	98.6	100	3.126	1.916	0	1013	26.35	9.43	0	15.94
5/17/2013 16:00	33418	9.56	215.8	33.63	20.68	7.02	216.9	35.33	15.31	99.1	100.4	3.483	1.932	0	923	26.33	9.43	0	16.43
5/17/2013 17:00	33419	11.76	211.2	27.66	24.26	8.29	213.7	28.72	17.1	98.5	100	4.055	1.975	0	747.4	26.31	9.43	0	15.78
5/17/2013 18:00	33420	13.1	216	29.45	24.26	9.21	218.4	31.06	20.68	98.2	99.4	4.073	1.933	0	575.3	26.29	9.43	0	11.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/17/2013 19:00	33421	13.75	204.2	15.27	26.05	9.19	206.3	17.84	20.68	97.6	98.6	4.759	2.263	0	458.9	26.27	9.43	-0.003	16.4
5/17/2013 20:00	33422	14.38	194.5	13.18	22.47	8.89	197.6	18.01	17.1	96.2	96.3	6.175	3.892	0	207.7	26.26	9.42	-0.013	16.39
5/17/2013 21:00	33423	10.31	167.4	12.02	20.68	5.519	166.7	19.76	15.31	92.8	91.7	8.78	7.129	0	36.52	26.25	9.41	-0.005	11.34
5/17/2013 22:00	33424	8.23	141.4	6.287	15.31	3.483	127.9	17.04	8.16	87.2	83.3	12.08	11.98	0	0.052	26.24	9.41	0	11.43
5/17/2013 23:00	33425	8.07	158.1	7.26	17.1	3.464	153.1	13.69	11.74	83.7	81.1	14.09	13.34	0	0.038	26.24	9.41	0	15.88
5/18/2013 0:00	33426	12.63	200.3	31.44	27.84	7.565	202.3	32.7	20.68	83.3	82.3	16.66	15.12	0	0.034	26.26	9.41	0	11.51
5/18/2013 1:00	33427	12.99	193	10.28	24.26	7.742	195.5	15.87	17.1	81.6	80.6	22.16	21.06	0	0.03	26.26	9.41	0	13.48
5/18/2013 2:00	33428	15.73	189.7	9.08	26.05	9.42	193.2	15.4	18.89	81.2	80.3	26.61	26.18	0	0.034	26.25	9.42	0.01	15.8
5/18/2013 3:00	33429	12.61	195	8.82	22.47	7.459	197.1	14.66	15.31	79.52	78.36	27.99	27.87	0	0.031	26.25	9.43	0.01	11.51
5/18/2013 4:00	33430	12.2	179.3	17.74	22.47	6.751	178.1	23.01	15.31	77.64	76.24	29.85	29.97	0	0.026	26.24	9.43	0.001	15.18
5/18/2013 5:00	33431	8.83	176.1	25.96	15.31	4.503	177.6	33.77	9.95	72.7	71.08	38.7	38.73	0	0.008	26.22	9.44	0.001	15.91
5/18/2013 6:00	33432	4.23	191.9	13.88	8.16	0.793	202.5	17.09	4.578	70.1	66.65	44.91	46.41	0	0.003	26.2	9.43	-0.003	11.25
5/18/2013 7:00	33433	5.149	185.6	12.46	8.16	1.496	176.4	23.89	4.578	67.66	64.04	53.28	53.58	0	1.168	26.19	9.43	0	11.67
5/18/2013 8:00	33434	5.337	202.9	10.64	9.95	1.974	207.1	18.03	6.368	65.53	62.79	61.02	59.24	0	40.02	26.19	9.43	0	11.63
5/18/2013 9:00	33435	8.36	200.7	9.6	13.52	5.506	202.9	14.24	11.74	69.9	70.04	58.06	54.34	0	253.5	26.21	9.44	0.003	11.58
5/18/2013 10:00	33436	8.43	215.8	15.04	13.52	6.119	216.3	17.22	11.74	77.24	78.08	33.22	32.28	0	456.4	26.26	9.43	-0.003	16.73
5/18/2013 11:00	33437	8.22	287.5	24.94	15.31	6.46	285.5	30.6	13.52	83.8	84.5	17.47	16.27	0	718.7	26.29	9.43	0	11.49
5/18/2013 12:00	33438	9.58	261.6	19.04	15.31	7.528	257.3	22.06	15.31	89.5	90.3	6.333	4.137	0	894	26.31	9.43	0.002	11.59
5/18/2013 13:00	33439	8.14	245.3	26.95	17.1	6.275	243.1	28.96	15.31	93.7	94.4	6.147	4.016	0	1023	26.31	9.43	0	15.15
5/18/2013 14:00	33440	8.63	265.2	51.1	22.47	6.679	263.1	51.88	18.89	95.2	96.2	4.832	2.806	0	1007	26.3	9.43	0	12.65
5/18/2013 15:00	33441	10.75	256.5	36.53	24.26	8.43	254.6	38.68	20.68	96	97.2	3.598	1.91	0	1053	26.29	9.43	0	12.31
5/18/2013 16:00	33442	13.99	258.7	23.76	27.84	10.54	256.9	24.92	22.47	95.2	96.8	3.2	1.886	0	984	26.28	9.43	-0.003	13.73
5/18/2013 17:00	33443	14.59	242.6	24.27	27.84	10.81	240.7	24.02	24.26	95	96.4	2.765	1.886	0	851	26.26	9.43	0	14.42
5/18/2013 18:00	33444	17.15	232.1	21.29	33.21	12.77	231.6	22.43	27.84	94.3	95.4	2.674	1.877	0	667	26.23	9.43	0	11.45
5/18/2013 19:00	33445	20.09	243.8	11.53	34.99	15.15	242.1	12.99	27.84	93.1	93.7	2.912	1.866	0	456.4	26.22	9.38	-0.051	11.74
5/18/2013 20:00	33446	20.33	240.2	12.24	33.21	15.04	238.8	13.39	27.84	91.7	91.5	3.14	1.835	0	230.6	26.21	9.36	-0.018	13.94
5/18/2013 21:00	33447	16.1	235.9	8.98	27.84	11.87	234.4	10.86	22.47	88.4	87.9	4.31	1.811	0	35.31	26.21	9.35	-0.015	11.3
5/18/2013 22:00	33448	11.81	240.5	9.53	22.47	8.35	239.2	10.91	15.31	83.8	82.9	5.52	2.188	0	0.105	26.2	9.35	0	16.73
5/18/2013 23:00	33449	8.38	245.2	7.516	13.52	5.322	243.4	8.94	9.95	78.84	77.28	8.28	5.164	0	0.022	26.19	9.35	0.004	11.34
5/19/2013 0:00	33450	12.93	269.8	12.71	22.47	8.58	264.1	15.13	22.47	79.53	77.92	7.953	4.965	0	0.014	26.19	9.35	-0.001	11.42
5/19/2013 1:00	33451	13.17	283.5	8.97	29.63	9.37	281.1	12.25	18.89	80.6	79.5	7.344	4.009	0	0.033	26.18	9.35	0.001	11.51
5/19/2013 2:00	33452	12.14	277.8	9.77	18.89	8.21	273.1	13.26	15.31	79.78	78.44	8.74	5.746	0	0.022	26.18	9.35	0	16.82
5/19/2013 3:00	33453	14.36	280.7	9.18	24.26	10.05	276.8	13.07	18.89	78.42	77.36	8.66	5.43	0	0.027	26.18	9.36	0.01	15.8
5/19/2013 4:00	33454	16.49	276.7	10.03	26.05	11.21	272.4	13.98	20.68	78.27	77.2	8.42	5.097	0	0.027	26.18	9.38	0.019	12.42
5/19/2013 5:00	33455	15.51	273.4	9.65	24.26	10.46	268.5	13.83	20.68	77.29	76.13	9.2	5.992	0	0.015	26.18	9.39	0.011	11.98
5/19/2013 6:00	33456	14.86	272.4	10.33	24.26	10.05	266.7	13.89	18.89	75.9	74.75	10.36	7.177	0	0.022	26.18	9.4	0.01	11.62
5/19/2013 7:00	33457	10.68	259.5	11.3	18.89	7.365	254.4	13.39	13.52	73.61	72.4	11.92	8.67	0	1.639	26.18	9.41	0.006	12.24
5/19/2013 8:00	33458	6.788	303.5	21.11	13.52	4.77	304.2	25.1	9.95	68.91	68.27	15.3	11.45	0	95.2	26.21	9.41	0	14.6
5/19/2013 9:00	33459	9.19	308.2	9.85	17.1	7.198	309.7	13.18	13.52	72.36	72.59	14.76	10.97	0	311.5	26.23	9.41	-0.001	15.55
5/19/2013 10:00	33460	12.35	313.2	11.49	18.89	9.27	314.9	16.02	15.31	76.68	77.58	15.29	12	0	542.2	26.27	9.4	-0.002	15.67
5/19/2013 11:00	33461	12.34	310	16.33	22.47	9.62	310.3	20.38	22.47	79.43	80.5	16.11	13.08	0	743.2	26.29	9.41	0.003	16.91
5/19/2013 12:00	33462	13.07	282.5	23.45	24.26	10.02	279.5	27.28	20.68	82.3	83.7	12.86	9.8	0	920	26.3	9.4	-0.004	11.47
5/19/2013 13:00	33463	14	277	21.62	26.05	10.7	273.2	25.06	22.47	83.8	85.5	11.06	7.823	0	1038	26.3	9.38	-0.026	12.19
5/19/2013 14:00	33464	14.77	264.9	22.19	33.21	11.32	261.7	24.19	24.26	85	86.8	9.17	5.86	0	1085	26.29	9.37	-0.007	16.6
5/19/2013 15:00	33465	14.06	263.2	20.23	31.42	10.83	260.4	23.25	20.68	86.9	88.6	6.979	3.632	0	1076	26.27	9.34	-0.029	13.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/19/2013 16:00	33466	13.63	252.7	24.03	33.21	10.17	250.5	25.8	29.63	88.3	90	6.225	2.839	0	998	26.25	9.32	-0.019	11.43
5/19/2013 17:00	33467	16.12	256.4	19.96	29.63	11.99	254.5	21.48	24.26	89.2	90.8	5.554	2.213	0	862	26.23	9.27	-0.057	15.9
5/19/2013 18:00	33468	14.78	238.1	15.08	31.42	11.15	235.9	17.19	26.05	89.8	90.7	5.628	2.328	0	675.2	26.2	9.23	-0.035	15.97
5/19/2013 19:00	33469	14.6	245.8	17.51	26.05	10.85	243.4	18.57	20.68	89.8	90.6	6.165	2.936	0	459.7	26.19	9.11	-0.126	11.43
5/19/2013 20:00	33470	15.17	250.4	14.52	27.84	11.08	247	15.89	20.68	89.2	89	5.859	2.767	0	236.5	26.18	9.09	-0.012	11.36
5/19/2013 21:00	33471	10.18	244.3	12.19	22.47	7.158	241.5	14.2	18.89	86	85.2	6.554	3.515	0	38.56	26.19	9.09	-0.006	11.48
5/19/2013 22:00	33472	5.867	226.4	18.05	9.95	2.629	223.1	28.36	6.368	79.8	76.71	9.67	7.703	0	0.097	26.18	9.09	0.001	16.05
5/19/2013 23:00	33473	5.073	230.5	11.43	8.16	1.216	252.4	20.55	2.789	75.74	71.32	12	10.86	0	0.004	26.17	9.09	0.002	13.75
5/20/2013 0:00	33474	4.865	197	31.76	8.16	1.723	154.5	45.15	4.578	72.16	67.49	14.84	13.72	0	0.002	26.16	9.09	0	16.56
5/20/2013 1:00	33475	2.854	186.6	11.92	8.16	1.661	105.2	14.26	4.578	69	64.98	17.53	16.08	0	0.001	26.14	9.09	0	11.27
5/20/2013 2:00	33476	1.316	234.2	29.05	4.578	0.896	71.62	11.49	4.578	67.21	63.37	19.09	17.87	0	0.001	26.12	9.11	0.016	11.58
5/20/2013 3:00	33477	3.506	219.7	21.51	6.368	0.848	147.1	15.47	4.578	67.11	61.87	19.19	19.04	0	0.001	26.11	9.12	0.014	11.7
5/20/2013 4:00	33478	6.395	280.7	35.03	17.1	3.276	306.8	27.59	11.74	66.64	62.63	19.13	18.07	0	0.001	26.1	9.13	0.014	11.68
5/20/2013 5:00	33479	6.083	250.4	59.97	11.74	3.128	252.9	59.52	8.16	67.43	63.78	17.99	16.43	0	0	26.12	9.15	0.014	16.53
5/20/2013 6:00	33480	4.079	296.2	44.18	6.368	1.958	331.7	32.6	4.578	64.41	58.6	20.51	21	0	0	26.13	9.17	0.021	14.93
5/20/2013 7:00	33481	5.535	327.6	17.83	11.74	2.662	317.2	23.36	8.16	60.53	57.47	23.46	21.29	0	1.766	26.12	9.19	0.023	11.7
5/20/2013 8:00	33482	10.02	331.1	16.29	18.89	7.063	327.7	21.85	17.1	62.81	61.25	23.67	20.4	0	102.6	26.14	9.19	0.001	16.81
5/20/2013 9:00	33483	12.12	328.5	13.78	20.68	9.75	326.9	14.13	17.1	67.1	67.32	22.15	18.31	0	328.1	26.19	9.19	-0.001	16.01
5/20/2013 10:00	33484	15.64	355.2	10.99	22.47	11.67	351.5	13.38	18.89	74.29	75.21	19.38	16.3	0	560.3	26.25	9.19	0	11.61
5/20/2013 11:00	33485	12.91	3.634	13.46	22.47	9.75	0.1	15.54	18.89	78.39	79.63	16.67	13.8	0	759.5	26.28	9.19	0	11.48
5/20/2013 12:00	33486	7.55	355.5	34.22	17.1	5.892	353.1	35.02	15.31	82.9	84	13.02	10.46	0	928	26.31	9.19	-0.001	11.6
5/20/2013 13:00	33487	8.72	314.2	55.24	18.89	7.023	311.6	56.44	15.31	85.2	86.2	11.64	9.04	0	1039	26.32	9.19	0	16.82
5/20/2013 14:00	33488	7.81	287.9	44.09	18.89	6.264	284.2	45.06	17.1	87.9	88.8	9.67	7.051	0	1085	26.31	9.19	0	15.35
5/20/2013 15:00	33489	9.42	261.3	35.28	22.47	7.249	261.1	39.48	20.68	89.7	90.9	7.839	4.972	0	1074	26.29	9.19	0	12.02
5/20/2013 16:00	33490	12.19	251.1	30.08	29.63	9.03	249.7	32.11	22.47	89.9	91.4	6.643	3.483	0	1004	26.28	9.19	0	11.34
5/20/2013 17:00	33491	14.22	248.6	24.93	33.21	10.96	247.1	26.04	24.26	90.1	91.4	6.434	3.209	0	865	26.25	9.17	-0.016	12.53
5/20/2013 18:00	33492	13.75	246.7	23.38	26.05	10.39	244.9	23.51	22.47	90.6	91.8	6.113	3.012	0	681.8	26.22	9.15	-0.029	11.45
5/20/2013 19:00	33493	12.66	225.4	20.68	24.26	9.15	225.9	21.07	20.68	89.9	90.8	7.298	4.172	0	460.3	26.2	9.1	-0.047	16.3
5/20/2013 20:00	33494	12.86	218.1	17.67	24.26	8.93	218.5	19.22	18.89	90.4	90.2	5.872	2.875	0	238.4	26.18	9.04	-0.057	11.41
5/20/2013 21:00	33495	13.77	233.4	9.08	26.05	9.99	232.7	11.05	20.68	87.8	87.3	6.001	2.875	0	40.34	26.17	9.03	-0.009	16.8
5/20/2013 22:00	33496	9.06	226.9	7.062	18.89	5.495	227.5	10.18	13.52	82.5	81.3	9.07	6.186	0	0.119	26.17	9.03	0	16.76
5/20/2013 23:00	33497	6.661	221.9	7.823	9.95	3.037	223.3	11.71	6.368	77.49	75.04	11.7	9.56	0	0.023	26.17	9.04	0.001	14.66
5/21/2013 0:00	33498	3.531	209.7	10.49	8.16	0.738	170.9	26.09	2.789	73.83	70.07	13.72	12.28	0	0.008	26.16	9.04	0.002	11.58
5/21/2013 1:00	33499	3.226	205.7	29.67	8.16	0.621	85.3	36.05	6.368	72.26	68.17	14.56	13.33	0	0.003	26.13	9.04	0	11.54
5/21/2013 2:00	33500	5.265	274.8	51.11	13.52	2.536	240.6	81	11.74	72.09	67.02	14.69	14.35	0	0.002	26.12	9.04	0.003	11.62
5/21/2013 3:00	33501	5.987	277.6	56.9	17.1	2.811	295.4	61.37	13.52	71.17	66.55	15.23	14.22	0	0.001	26.1	9.06	0.019	11.5
5/21/2013 4:00	33502	14.24	339.4	17.45	24.26	10.54	337	18.12	20.68	68.1	67.09	15.43	11.66	0	0.003	26.11	9.07	0.01	15.36
5/21/2013 5:00	33503	11.96	340	13.04	20.68	9.38	337.1	13.37	17.1	66.03	65.56	16.88	12.37	0	0.005	26.12	9.08	0.016	15.08
5/21/2013 6:00	33504	17.13	351.9	14.58	29.63	12.61	349.3	15.46	24.26	63.55	63.29	37.3	33.61	0	0.002	26.15	9.09	0.01	15.6
5/21/2013 7:00	33505	17.63	358.3	9.34	31.42	12.73	354.6	11.36	26.05	62.83	62.61	45.68	42.06	0	1.579	26.18	9.11	0.013	11.7
5/21/2013 8:00	33506	18.33	5.68	10.4	29.63	13.32	3.096	12.15	27.84	63.45	63.37	46.64	43.04	0	89.7	26.21	9.11	0.003	15.31
5/21/2013 9:00	33507	19.78	29.77	13.78	31.42	12.54	26	15.52	26.05	64.77	65.19	44.71	41.22	0	310.9	26.23	9.12	0.006	11.53
5/21/2013 10:00	33508	18	29.03	13.47	27.84	11.8	24.58	15.1	27.84	65.6	66.53	42.6	39.23	0	542.2	26.28	9.11	-0.003	16.87
5/21/2013 11:00	33509	16.05	32.37	14.7	27.84	10.13	27.94	16.37	22.47	68.12	69.45	39.42	36.58	0	742.7	26.32	9.12	0.005	11.43
5/21/2013 12:00	33510	13.81	27.36	17.91	24.26	9.52	22.01	19.69	20.68	71.43	73.09	36.31	33.88	0	910	26.34	9.13	0.008	12.14

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/21/2013 13:00	33511	11.79	28.63	20.88	22.47	8.34	24.19	22.27	18.89	73.18	74.98	34.53	32.35	0	1022	26.37	9.13	0.003	11.6
5/21/2013 14:00	33512	9.78	33.85	27.28	18.89	7.086	27.47	31.21	17.1	75.45	77.43	32.03	30.17	0	1102	26.37	9.13	0.003	15.86
5/21/2013 15:00	33513	8.12	6.179	58.25	18.89	6.081	2.746	58.83	15.31	78.14	79.86	28.2	26.37	0	1089	26.36	9.13	0.003	15.94
5/21/2013 16:00	33514	7.519	12.48	40.82	17.1	5.932	7.868	46.05	15.31	80	81.2	24.63	23.2	0	1001	26.36	9.13	0	14.77
5/21/2013 17:00	33515	6.719	18.05	50.9	15.31	5.565	15.22	50.54	13.52	81.6	82.4	22.56	21.14	0	862	26.34	9.13	0	14.74
5/21/2013 18:00	33516	4.919	327.3	63.57	11.74	4.103	325.5	64.41	9.95	83.1	83.5	21.01	19.61	0	675.8	26.32	9.13	0	12.65
5/21/2013 19:00	33517	3.933	340	79.8	9.95	3.263	327.2	78.68	9.95	83.7	83.9	19.63	18.34	0	460.8	26.3	9.13	0	16.63
5/21/2013 20:00	33518	3.256	141.5	46.54	11.74	2.318	148.1	50.15	8.16	83.6	82.6	19.25	18.4	0	239.2	26.29	9.13	0	11.75
5/21/2013 21:00	33519	6.238	127.8	27.86	11.74	3.625	129.2	31.58	8.16	79.7	79.01	22.41	21.36	0	41.66	26.28	9.13	0	12.89
5/21/2013 22:00	33520	8.38	117	6.872	13.52	4.375	115.6	20.51	8.16	73.63	72.24	29.08	28.27	0	0.101	26.26	9.13	-0.001	16.6
5/21/2013 23:00	33521	9.47	121.5	7.897	15.31	5.118	121.2	19.22	8.16	71.15	69.88	31.36	30.33	0	0.01	26.24	9.13	0.001	11.53
5/22/2013 0:00	33522	10.98	132.8	7.698	18.89	6.086	134	17.42	11.74	69.63	68.64	34.37	33.04	0	0.009	26.25	9.13	0	11.5
5/22/2013 1:00	33523	10.54	139.2	8.13	22.47	5.953	140.7	16.02	11.74	67.86	66.93	36.97	35.52	0	0.006	26.24	9.14	0.006	11.57
5/22/2013 2:00	33524	8.64	143.4	7.077	11.74	4.437	143.2	15.12	8.16	65.41	64.17	39.85	38.38	0	0.006	26.23	9.15	0.013	14.93
5/22/2013 3:00	33525	7.699	156.5	17.95	11.74	3.637	156.9	24.48	6.368	62.79	61.31	43.79	41.8	0	0.001	26.22	9.17	0.016	16.9
5/22/2013 4:00	33526	3.873	161.1	23.05	8.16	1.281	120.6	35.55	2.789	59.95	57.5	48.41	46.88	0	0	26.21	9.19	0.018	11.32
5/22/2013 5:00	33527	4.009	164.7	11.71	8.16	0.922	152.2	14.51	4.578	58.73	55.58	50.53	49.26	0	0	26.19	9.21	0.023	15.9
5/22/2013 6:00	33528	6.715	156.4	10.12	9.95	2.815	149.7	23.12	6.368	58.28	55.74	52.87	50.8	0	0	26.18	9.22	0.01	11.29
5/22/2013 7:00	33529	5.54	130.4	13.77	8.16	2.227	119.1	20.5	6.368	56.96	55	56.43	53.27	0	1.926	26.18	9.25	0.032	11.81
5/22/2013 8:00	33530	8.24	144.8	15.69	13.52	4.551	143.7	24.22	9.95	58.88	58.04	54.48	50.29	0	101.2	26.19	9.26	0.009	15.61
5/22/2013 9:00	33531	14.89	170.8	10.68	27.84	8.71	173	18.49	18.89	66.01	66.74	44.77	41.16	0	318.6	26.24	9.28	0.016	16.8
5/22/2013 10:00	33532	18.17	180.3	10.07	27.84	11	183.9	17.65	22.47	72.29	73.68	40.52	37.75	0	542.5	26.29	9.28	0.004	15.25
5/22/2013 11:00	33533	18.06	183.2	10.56	26.05	11.05	186.4	17.84	20.68	76.18	78.07	41.21	38.36	0	745.3	26.32	9.28	0.003	11.64
5/22/2013 12:00	33534	16.28	188.4	12.71	26.05	10.35	191	19.11	20.68	80.8	82.9	32.41	30.09	0	908	26.34	9.28	-0.001	11.62
5/22/2013 13:00	33535	15.85	184.9	14.19	26.05	10.13	188	20.16	20.68	85.6	88.1	22.37	20.04	0	1027	26.34	9.28	-0.001	11.32
5/22/2013 14:00	33536	15.23	192.2	17.14	27.84	10.18	196.1	21.02	20.68	89.1	91.6	14.33	11.81	0	1069	26.34	9.28	0	11.53
5/22/2013 15:00	33537	14.74	200.5	18.68	27.84	10.1	203.4	21.53	20.68	91.8	93.9	9.3	6.698	0	1059	26.32	9.28	0	15.91
5/22/2013 16:00	33538	14.44	211.5	23.34	27.84	10.09	212.9	24.67	22.47	93.6	95.5	5.975	3.244	0	994	26.3	9.28	0	12.07
5/22/2013 17:00	33539	14.3	207.5	25.54	29.63	9.94	209.6	26.6	20.68	94	95.7	5.367	2.686	0	832	26.28	9.22	-0.067	11.44
5/22/2013 18:00	33540	13.38	200.2	23.76	24.26	8.89	202.1	25.2	18.89	94.3	95.6	4.449	1.986	0	564.5	26.25	9.19	-0.025	15.48
5/22/2013 19:00	33541	9.5	224.1	25.62	29.63	6.582	224.9	25.51	20.68	93.3	93.4	4.25	1.877	0	231	26.23	9.16	-0.035	14.23
5/22/2013 20:00	33542	12.28	198.8	18.89	22.47	7.884	201.4	20.58	17.1	93.5	93.3	4.47	2.025	0	195	26.22	9.14	-0.012	11.47
5/22/2013 21:00	33543	13.57	177.1	12.79	22.47	7.767	179	19.32	15.31	89.3	88.6	12.38	10.52	0	26.54	26.23	9.14	-0.005	12.09
5/22/2013 22:00	33544	13.82	163.9	7.907	20.68	7.659	164.9	16.09	15.31	84.7	84	21.25	20.45	0	0.136	26.23	9.14	0	14.32
5/22/2013 23:00	33545	11.52	156.8	9.78	17.1	6.287	157.1	16.64	13.52	81.8	80.7	25.03	24.53	0	0.042	26.24	9.14	0.003	16.29
5/23/2013 0:00	33546	13.87	154	10.15	24.26	7.824	154.6	17.17	17.1	79.91	79.06	30.16	29.8	0	0.041	26.24	9.14	0	15.89
5/23/2013 1:00	33547	15.04	165.1	9.19	29.63	8.32	167.2	17.57	20.68	78.69	78.03	37.91	37.95	0	0.043	26.24	9.14	-0.003	14.16
5/23/2013 2:00	33548	13.53	168.9	8.71	20.68	7.576	171.6	17.33	15.31	76.8	76.09	46.3	45.76	0	0.033	26.24	9.14	0.004	11.5
5/23/2013 3:00	33549	12.47	176.5	9.14	20.68	7.227	179.9	17.15	15.31	75.52	74.82	53.06	51.84	0	0.034	26.24	9.14	0.001	14.97
5/23/2013 4:00	33550	11.83	178.8	8.44	22.47	6.706	181.4	16.96	13.52	74.02	73.28	59.44	57.37	0	0.02	26.24	9.16	0.021	11.65
5/23/2013 5:00	33551	12.17	174.7	8.33	20.68	6.886	178.2	17.23	13.52	72.5	71.79	67.52	64.3	0	0.017	26.24	9.18	0.019	13.62
5/23/2013 6:00	33552	11.76	171.5	8.67	18.89	6.593	174.2	17.51	13.52	71.2	70.54	75.18	70.96	0	0.017	26.24	9.2	0.019	14.46
5/23/2013 7:00	33553	9.8	163.3	9.93	17.1	5.511	164.5	17.74	11.74	69.78	69.13	81.4	76.29	0	2.426	26.25	9.22	0.016	11.21
5/23/2013 8:00	33554	8.02	171.6	9.5	11.74	4.54	173.9	18.31	9.95	69.81	69.36	82.5	77.07	0	55.43	26.27	9.24	0.025	11.72
5/23/2013 9:00	33555	11.95	171.3	9.84	20.68	6.909	172.8	18.72	15.31	72.69	73.3	74.67	69.08	0	258.8	26.29	9.25	0.008	16.1

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/23/2013 10:00	33556	14.93	180	10.72	20.68	9.23	183.4	18.64	17.1	76.28	77.77	65.19	60.09	0	519	26.33	9.25	-0.002	16.03
5/23/2013 11:00	33557	13.42	187.4	12.45	20.68	8.75	190.2	18.83	15.31	81.2	83.1	51.79	48.76	0	727.1	26.35	9.25	0	14.92
5/23/2013 12:00	33558	11.82	191	15.09	18.89	8.09	193.9	20.4	15.31	87.3	89.1	35.41	34.63	0	894	26.37	9.25	0.002	16.81
5/23/2013 13:00	33559	11.53	173.7	18.22	22.47	7.587	177.5	23.86	17.1	91.5	93.9	28.87	27.74	0	1012	26.38	9.25	0	12.05
5/23/2013 14:00	33560	10.56	177.5	29.09	22.47	7.228	179.6	35	17.1	95.1	97.3	22.43	21.47	0	1027	26.38	9.25	0.003	11.45
5/23/2013 15:00	33561	10.43	187.9	30.81	20.68	7.199	191.4	34.69	17.1	97.8	99.7	14.2	13.15	0	983	26.37	9.25	0	11.38
5/23/2013 16:00	33562	9.24	180.3	19.02	17.1	6.085	184.4	22.7	15.31	95.2	96.1	13.39	12.35	0	242.1	26.34	9.25	0	11.48
5/23/2013 17:00	33563	13.37	254.6	77.73	42.15	9.88	259.1	75.66	36.78	91	90.9	15.59	14.97	0	27.57	26.31	9.24	-0.009	11.43
5/23/2013 18:00	33564	21.5	151.4	60.95	51.1	12.83	155.1	61.93	36.78	79.71	78.62	31.21	33.27	0	4.112	26.31	9.23	-0.011	15.46
5/23/2013 19:00	33565	16.33	174.8	54.67	43.94	9.89	175.9	54.11	29.63	78.68	78.09	32	33.24	0	7.367	26.32	9.21	-0.025	16.42
5/23/2013 20:00	33566	23	153.6	15.1	43.94	13.46	155.3	19.98	31.42	76.22	75.69	36.05	36.88	0	16.9	26.26	9.21	0.002	11.31
5/23/2013 21:00	33567	18.85	208.1	13.18	38.57	11.89	210.4	15.8	27.84	75.61	75.28	39.06	38.98	0	6.79	26.31	9.21	0	11.22
5/23/2013 22:00	33568	19.62	199.8	14.94	31.42	12.45	203	18.16	24.26	73.37	73.12	42.92	41.99	0	0.048	26.32	9.21	0.001	11.53
5/23/2013 23:00	33569	11.73	200.8	30.3	27.84	7.258	202.8	33.1	20.68	71.7	71.41	49.51	47.46	0	0.025	26.36	9.21	0	11.67
5/24/2013 0:00	33570	7.473	107.8	24.22	15.31	4.48	103.6	32.64	9.95	69.59	69.12	58.75	55.66	0	0.012	26.37	9.21	0	16.79
5/24/2013 1:00	33571	10.91	96.3	10.79	22.47	6.542	91.2	21.26	17.1	67.52	67.1	64.67	60.46	0	0.012	26.38	9.22	0.006	11.7
5/24/2013 2:00	33572	17.29	108.6	12.29	29.63	10.64	106.8	22.69	24.26	64.56	64.37	75.84	69.52	0	0.003	26.41	9.25	0.029	11.29
5/24/2013 3:00	33573	18.05	113.4	10.36	31.42	10.88	112.9	21.87	24.26	64.5	64.27	72.2	66.5	0	0.008	26.4	9.26	0.013	12.17
5/24/2013 4:00	33574	16.64	132.1	12.25	26.05	9.76	133.9	20.18	22.47	62.67	62.38	78.03	71.36	0	0.002	26.38	9.26	0.006	11.41
5/24/2013 5:00	33575	13.55	134.9	9.95	20.68	7.975	136.4	18.01	15.31	62.68	62.33	75.44	69.38	0	0.004	26.37	9.29	0.022	12.57
5/24/2013 6:00	33576	12.25	136.3	11.49	22.47	7.195	138.3	19.58	18.89	63.61	63.13	67.06	62.51	0	0.006	26.38	9.31	0.019	11.77
5/24/2013 7:00	33577	9.3	150.8	10.01	18.89	5.341	152.3	17.02	13.52	63.76	63.18	63.96	59.9	0	1.486	26.38	9.33	0.019	16.82
5/24/2013 8:00	33578	5.228	205.5	29.95	9.95	3.373	206.4	29.6	8.16	64.93	64.66	62.74	58.29	0	117.9	26.4	9.34	0.013	11.74
5/24/2013 9:00	33579	8.89	211.8	12.31	17.1	6.166	212.9	16.49	13.52	68.38	69.11	55.67	51.32	0	327.8	26.44	9.3	-0.035	15.69
5/24/2013 10:00	33580	9.91	174	15.54	15.31	6.285	176	21.11	11.74	70.37	71.3	53.17	49.37	0	316.5	26.48	9.29	-0.008	11.73
5/24/2013 11:00	33581	8.48	163.8	22.69	15.31	5.779	165.6	30.04	11.74	73.98	75.79	48.55	45.02	0	694.8	26.49	9.29	-0.001	11.57
5/24/2013 12:00	33582	7.355	157.5	29.34	20.68	5.194	159.4	38.77	15.31	77.65	79.42	43.38	41.2	0	851	26.5	9.3	0.003	15.48
5/24/2013 13:00	33583	8.89	166.5	30.95	20.68	6.135	169.6	37.28	13.52	81.2	83.3	39.86	37.96	0	975	26.51	9.3	0.005	11.51
5/24/2013 14:00	33584	10.83	160.6	33.59	20.68	7.338	164.4	40.75	15.31	82.6	85.2	39	36.9	0	886	26.5	9.31	0.01	16.66
5/24/2013 15:00	33585	11.21	159.5	32.58	24.26	7.314	162.2	37.96	18.89	84.8	87.3	36.2	34.33	0	872	26.49	9.32	0.009	16.63
5/24/2013 16:00	33586	11.73	143.1	25.41	29.63	7.636	145.9	31.62	17.1	85.8	88.5	34	32.13	0	818	26.47	9.32	0.003	11.48
5/24/2013 17:00	33587	10.65	154.8	24.89	24.26	7.058	157.8	30.25	17.1	86.7	88.9	32.93	31.37	0	687.4	26.44	9.32	-0.003	11.76
5/24/2013 18:00	33588	9.28	160	25.92	17.1	6.068	162.9	32.99	15.31	86.8	88.4	31.94	30.84	0	481.1	26.42	9.32	0.003	11.47
5/24/2013 19:00	33589	9.75	147.4	15.15	17.1	6.144	148.6	21.18	13.52	86.3	87.3	32.38	31.73	0	267.2	26.4	9.32	-0.002	11.49
5/24/2013 20:00	33590	15.42	128.3	16.29	29.63	9.29	130.5	23.41	20.68	85.1	85.8	34.51	34.22	0	172.8	26.39	9.32	0.001	11.38
5/24/2013 21:00	33591	18.02	121.5	8.94	31.42	10.61	122.9	19.49	22.47	80.9	80.8	42.61	42.31	0	14.5	26.4	9.32	0	13.71
5/24/2013 22:00	33592	21.76	122.5	8.65	33.21	12.98	124.1	18.69	26.05	75.72	75.61	53.87	51.9	0	0.123	26.41	9.32	0	16.12
5/24/2013 23:00	33593	20.83	129.3	8.63	33.21	12.32	130.6	18.08	26.05	72.96	72.76	57.26	54.53	0	0.033	26.42	9.32	0.002	11.66
5/25/2013 0:00	33594	17.39	130.4	8.75	29.63	10.14	131.5	18.5	22.47	70.75	70.56	67.37	63.05	0	0.033	26.43	9.32	-0.003	11.39
5/25/2013 1:00	33595	16.45	135.1	8.5	27.84	9.66	137.9	17.53	20.68	69.02	68.82	73.14	67.96	0	0.023	26.43	9.33	0.003	14.32
5/25/2013 2:00	33596	10.87	136.4	11.13	20.68	6.425	137.8	18.67	13.52	67.66	67.38	75.79	70.27	0	0.022	26.43	9.33	0.01	11.63
5/25/2013 3:00	33597	10.81	141.5	9.45	18.89	6.385	143.7	16.39	13.52	66.18	65.93	76.93	70.85	0	0.017	26.43	9.35	0.019	15.79
5/25/2013 4:00	33598	11.11	134.1	9.74	18.89	6.546	135.6	18.44	13.52	64.71	64.55	83.5	76.13	0	0.016	26.41	9.38	0.029	11.69
5/25/2013 5:00	33599	12.45	148.2	12.96	20.68	7.371	149.7	19.44	15.31	64.59	64.61	85	77.28	0	0.015	26.4	9.39	0.013	11.77
5/25/2013 6:00	33600	10.19	154	9.05	18.89	5.831	155.4	16.06	13.52	63.96	63.7	84.4	77.15	0	0.017	26.4	9.41	0.016	16.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/25/2013 7:00	33601	7.275	146.4	10.31	13.52	4.161	147.4	16.81	9.95	62.6	62.24	87.5	79.92	0	1.086	26.39	9.43	0.022	15.42
5/25/2013 8:00	33602	10.94	157.6	10.3	18.89	6.383	158.7	17.08	15.31	63.39	63.51	85.5	77.52	0	20.96	26.4	9.43	0	14.54
5/25/2013 9:00	33603	8.57	172.6	12.47	15.31	5.235	173.4	19.81	9.95	64.05	64.48	83.3	75.08	0	89.7	26.42	9.43	0	15.93
5/25/2013 10:00	33604	5.839	174.8	22.3	11.74	4.049	176.1	28.87	9.95	65.83	66.57	78.96	71.11	0	230.6	26.43	9.44	0.003	16.83
5/25/2013 11:00	33605	6.716	145.4	29.51	15.31	4.742	147.2	36.38	9.95	69.72	71.32	70.04	63.19	0	573.5	26.46	9.43	-0.003	11.67
5/25/2013 12:00	33606	10.1	121.7	19.57	18.89	6.826	120	29.31	15.31	73.93	76.54	60.29	54.76	0	853	26.47	9.43	0	16.24
5/25/2013 13:00	33607	12.06	128	17.07	22.47	7.988	128.1	25.98	17.1	77.76	80.7	52	47.63	0	960	26.48	9.43	-0.007	14.62
5/25/2013 14:00	33608	11.71	133	20.69	22.47	7.84	134	30.04	17.1	81.6	84.6	44.67	41.77	0	1044	26.48	9.41	-0.02	11.6
5/25/2013 15:00	33609	11.98	135	21.37	24.26	7.941	136.2	29.37	17.1	85.3	88.4	38.52	36.62	0	1032	26.47	9.37	-0.032	11.37
5/25/2013 16:00	33610	12.91	158	20.15	22.47	8.27	160.8	25.26	17.1	87.4	90	35.58	33.88	0	876	26.45	9.37	-0.003	11.59
5/25/2013 17:00	33611	13.59	159.2	23.94	26.05	8.72	161.3	29.86	18.89	88.9	91.5	33.29	31.71	0	794.1	26.43	9.35	-0.019	15.6
5/25/2013 18:00	33612	13.77	160.2	19.16	24.26	8.44	161.5	24.62	17.1	89.1	91.2	32.89	31.79	0	551.1	26.41	9.3	-0.048	16.53
5/25/2013 19:00	33613	16.1	166.3	13.12	26.05	9.48	168	20.17	18.89	86.8	87.7	36.12	35.88	0	205.7	26.38	9.3	-0.009	11.69
5/25/2013 20:00	33614	13.45	158.8	10.39	20.68	7.906	160.4	17.28	17.1	84.1	84.3	39.93	40.24	0	66.87	26.37	9.24	-0.053	11.58
5/25/2013 21:00	33615	17.31	258.3	87.8	38.57	12.73	263.1	87.4	33.21	77.3	77.39	49.2	47.49	0.01	3.718	26.42	9.24	0	14.34
5/25/2013 22:00	33616	19.42	2.282	25.27	34.99	14.24	359.3	25.21	31.42	63.67	63.11	79.25	75.41	0.37	0.063	26.43	9.24	0	15.53
5/25/2013 23:00	33617	15.71	38.25	60.62	34.99	9.79	35.02	62.61	24.26	69.95	68.28	57.39	60.7	0.04	0.001	26.39	9.27	0.029	11.64
5/26/2013 0:00	33618	13.68	85.9	25.22	27.84	8.01	81.2	30.63	18.89	73.12	71.66	45.57	48.62	0	0.029	26.36	9.28	0.006	11.65
5/26/2013 1:00	33619	8.24	126.6	57.77	18.89	4.66	127.6	63.84	9.95	70.31	69.24	57.6	57.75	0	0.025	26.39	9.29	0.016	16.04
5/26/2013 2:00	33620	13.27	160.1	9.35	31.42	7.421	162.1	16.32	22.47	68.02	67.24	69.85	67.41	0	0.013	26.37	9.32	0.029	11.75
5/26/2013 3:00	33621	15.39	150.3	8.44	26.05	8.74	150.9	15.73	20.68	70.3	69.48	64.29	62.59	0	0.022	26.34	9.33	0.01	15.31
5/26/2013 4:00	33622	11.96	153.3	10.72	22.47	6.685	153.9	17.59	15.31	68.62	67.72	67.34	65.16	0	0.025	26.34	9.35	0.016	17.03
5/26/2013 5:00	33623	11.74	171.1	9.35	18.89	6.598	172.3	17.51	13.52	66.03	65.21	72.97	69.38	0	0.017	26.34	9.37	0.022	15.42
5/26/2013 6:00	33624	6.716	210.9	19.68	11.74	3.633	210.1	20.37	8.16	63.06	62.19	79.48	74.72	0	0.008	26.33	9.39	0.019	15.89
5/26/2013 7:00	33625	4.111	205.7	19.23	8.16	1.439	192.5	30.11	4.578	61.07	59.68	85.9	81.3	0	1.157	26.33	9.4	0.013	11.84
5/26/2013 8:00	33626	4.171	188.5	16.28	13.52	1.522	172.9	19.6	8.16	63.25	61.79	82.1	79.57	0	90.3	26.33	9.42	0.016	11.79
5/26/2013 9:00	33627	11.59	178.3	11.37	18.89	6.968	179.9	18.96	13.52	67.75	68.49	79.93	73	0	290.4	26.35	9.44	0.018	11.77
5/26/2013 10:00	33628	15.44	186.9	9.34	22.47	9.52	190.2	16.87	18.89	71.1	72.24	76.41	70.24	0	502.5	26.39	9.43	-0.003	13.53
5/26/2013 11:00	33629	14.76	186.6	12.11	22.47	9.19	189.2	18.89	17.1	74.91	76.31	67.9	63.65	0	692.4	26.4	9.43	-0.001	15.39
5/26/2013 12:00	33630	13.67	192.6	13.32	22.47	8.98	195.9	18.94	17.1	79.22	80.6	56.93	54.9	0	859	26.42	9.43	0	12.66
5/26/2013 13:00	33631	12.25	199.7	16.53	24.26	8.19	202.2	21.09	17.1	83.5	84.9	44.89	44.9	0	953	26.43	9.43	0.002	11.6
5/26/2013 14:00	33632	11.94	196.3	17.54	20.68	7.994	199.4	23.17	17.1	87.3	88.8	35.58	36.26	0	1014	26.42	9.43	0	16.49
5/26/2013 15:00	33633	11.63	195.1	19.49	20.68	7.931	197.8	24.12	15.31	90.6	92.1	28.2	28.61	0	1020	26.41	9.43	0	16.86
5/26/2013 16:00	33634	11.87	191.1	19.37	22.47	7.982	194.7	24.05	18.89	92.8	94.5	23.12	23.24	0	954	26.39	9.43	0	15.86
5/26/2013 17:00	33635	12.02	202.8	20.93	22.47	8.33	205.2	24.4	17.1	94.7	95.9	18.57	18.68	0	807	26.37	9.43	0	13.48
5/26/2013 18:00	33636	12.38	194.8	16.78	20.68	8.01	197.4	22.5	15.31	95.2	96.4	14.86	14.7	0	627.9	26.36	9.43	0	15.35
5/26/2013 19:00	33637	12.53	186.3	14.17	24.26	7.886	188.6	19.57	17.1	95.4	96.3	11.48	11.09	0	429.9	26.33	9.43	-0.003	16.91
5/26/2013 20:00	33638	14.25	174	11.67	22.47	8.33	176.3	18.99	17.1	93.9	93.8	14.08	14.05	0	185.6	26.32	9.43	0.003	11.48
5/26/2013 21:00	33639	18.15	163.6	8.48	29.63	10.16	164.7	16.52	22.47	88.6	88.2	33.05	34.24	0	23.21	26.31	9.43	-0.002	16.85
5/26/2013 22:00	33640	20.47	164.6	8.45	33.21	11.48	165.9	16.13	24.26	84.7	84.3	42.17	43.44	0	0.241	26.31	9.43	0	11.53
5/26/2013 23:00	33641	20.8	164.3	9.06	34.99	11.75	165.3	16.92	22.47	81.7	81.2	49.3	49.46	0	0.067	26.32	9.43	0	16.71
5/27/2013 0:00	33642	19.1	167.1	8.56	29.63	10.58	168.7	16.68	22.47	79	78.58	54.17	53.57	0	0.058	26.33	9.43	0	13.89
5/27/2013 1:00	33643	15.61	176.1	10.11	33.21	9.08	178.7	18.19	22.47	76.93	76.43	59.95	58.54	0	0.046	26.33	9.43	0.001	15.71
5/27/2013 2:00	33644	14.1	176.3	9.06	22.47	7.991	177.7	17.53	15.31	75.18	74.65	64.79	62.74	0	0.04	26.32	9.44	0.002	13.28
5/27/2013 3:00	33645	12.1	175.8	9.39	18.89	6.935	177.8	17.38	13.52	73.75	73.17	68.14	65.53	0	0.044	26.3	9.44	0	13.33

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/27/2013 4:00	33646	10.38	177.1	9.48	17.1	5.945	179.7	17.57	13.52	72.13	71.59	72.85	69.36	0	0.03	26.28	9.44	0	13.14
5/27/2013 5:00	33647	9.04	183.5	12.37	15.31	5.3	185.5	19.02	9.95	70.5	69.9	78.42	74.13	0	0.02	26.27	9.44	0	15.21
5/27/2013 6:00	33648	7.598	184.9	8.86	11.74	4.206	188	15.93	8.16	68.56	67.8	84.1	79.04	0	0.01	26.26	9.43	-0.003	11.76
5/27/2013 7:00	33649	7.899	193.4	9.22	11.74	4.674	196.4	14.85	9.95	67.37	66.65	86.9	81.5	0	2.354	26.25	9.43	0	17
5/27/2013 8:00	33650	9.83	195.4	8.51	17.1	6.128	198.1	14.28	11.74	67.7	67.41	88.1	81.6	0	91.3	26.26	9.43	0	12.92
5/27/2013 9:00	33651	12.08	195.7	10.12	17.1	7.749	198.2	15.83	13.52	70.88	71.59	81.6	74.83	0	276.4	26.28	9.43	0.002	12.45
5/27/2013 10:00	33652	13.09	199.1	10.2	18.89	8.6	201.5	16.27	13.52	75.45	76.69	68.99	64.15	0	494.2	26.3	9.43	-0.002	11.99
5/27/2013 11:00	33653	12.01	207.9	13.15	18.89	8.25	210.2	16.83	15.31	80.9	82.1	54.41	52.28	0	689.3	26.31	9.43	0	11.6
5/27/2013 12:00	33654	11.6	221.4	18.02	18.89	8.07	222.3	21.18	15.31	86.3	87.4	36.11	36.34	0	862	26.32	9.43	0.002	13.37
5/27/2013 13:00	33655	9.68	230.5	20.91	18.89	6.927	231.9	23.2	15.31	91	91.9	23.69	23.88	0	985	26.33	9.43	0	11.48
5/27/2013 14:00	33656	8.57	221.7	28.34	17.1	6.209	222.2	29.05	13.52	94.2	95.1	15.64	15.51	0	968	26.33	9.43	0	15.05
5/27/2013 15:00	33657	11.3	210.3	24.65	24.26	7.883	212.4	27.38	18.89	96.2	97.5	11.38	10.57	0	989	26.31	9.43	0	11.52
5/27/2013 16:00	33658	13.83	223.2	17.53	24.26	9.43	223.7	19.44	20.68	96.8	98.1	7.608	6.334	0	863	26.29	9.43	0	11.51
5/27/2013 17:00	33659	11.9	230.9	25.96	24.26	8.37	233	27.93	17.1	97.6	98.5	6.94	5.737	0	758.4	26.26	9.43	0	15.41
5/27/2013 18:00	33660	16.06	219.7	15.01	27.84	10.72	220.6	18.02	20.68	98	98.8	4.767	3.174	0	544.6	26.23	9.43	-0.003	12.34
5/27/2013 19:00	33661	14.87	246.8	16.32	27.84	10.16	245.6	19.2	20.68	97.3	97.4	4.288	2.725	0	415.7	26.21	9.43	0	16.26
5/27/2013 20:00	33662	12.4	257.6	13.91	26.05	8.59	256.6	17.33	20.68	94.6	93.9	4.129	2.607	0	121.8	26.2	9.43	0.003	15.79
5/27/2013 21:00	33663	15.93	174.5	13.12	26.05	9.21	176.2	20.36	20.68	86.5	86	32.69	33.41	0	19.08	26.21	9.43	-0.002	16.33
5/27/2013 22:00	33664	16.47	174.6	8.61	29.63	9.39	176.8	17.57	20.68	81.2	80.7	47.89	47.97	0	0.157	26.21	9.43	0	16.27
5/27/2013 23:00	33665	11.14	178.7	9.16	22.47	6.387	180	17.45	15.31	77.83	77.2	53.8	53.39	0	0.035	26.2	9.43	0.001	11.51
5/28/2013 0:00	33666	10.46	184.1	11.14	18.89	6.101	187.8	17.83	15.31	75.95	75.32	54.12	53.6	0	0.033	26.2	9.44	0.002	11.54
5/28/2013 1:00	33667	12.26	184.9	9.37	20.68	7.266	188.6	16.5	15.31	74.34	73.91	60.74	58.55	0	0.033	26.2	9.44	0.001	15.45
5/28/2013 2:00	33668	13.77	190.1	9.67	22.47	8.35	194.1	15.95	17.1	74.01	73.71	69.2	65.86	0	0.038	26.19	9.44	0	15.78
5/28/2013 3:00	33669	13.03	190.8	8.24	22.47	7.718	193.6	15.76	18.89	73.08	72.72	71.96	68.37	0	0.035	26.18	9.44	0	15.6
5/28/2013 4:00	33670	11.62	192.2	9.23	22.47	7.121	195.6	15.61	13.52	72.34	71.92	73.29	69.55	0	0.027	26.16	9.44	0	15.69
5/28/2013 5:00	33671	8.63	199.7	14.87	17.1	5.359	202.6	19.14	9.95	72.25	71.76	73.29	69.74	0	0.022	26.15	9.44	0	16.79
5/28/2013 6:00	33672	9.39	203.8	24.01	17.1	5.794	206	27.25	11.74	72.5	72.13	72.08	68.53	0	0.028	26.16	9.44	0	16.82
5/28/2013 7:00	33673	12.11	166.8	16.46	20.68	6.921	168.1	22.39	15.31	71.53	71.12	74.23	70.27	0	1.22	26.14	9.44	0	16.85
5/28/2013 8:00	33674	12.12	169.5	12.41	20.68	7.025	171.5	19.92	15.31	70.93	70.75	77.67	72.6	0	62.38	26.14	9.44	0	11.72
5/28/2013 9:00	33675	14.86	173.5	10.47	26.05	8.63	174.7	18.25	17.1	71.11	71.45	81.1	74.7	0	135.4	26.15	9.44	0	13.64
5/28/2013 10:00	33676	13.11	176.7	12.49	27.84	7.893	177.8	19.56	18.89	70.63	71	84.1	77.3	0	185.8	26.16	9.44	0	16.06
5/28/2013 11:00	33677	15.19	167.6	11.8	24.26	9.06	168.7	18.84	17.1	73.88	75.63	75.56	68.35	0	576.4	26.18	9.43	-0.003	16.41
5/28/2013 12:00	33678	15.99	170.1	11.69	27.84	9.54	172.2	18.47	18.89	75.15	76.32	69.16	63.94	0	408.5	26.19	9.43	0	15.88
5/28/2013 13:00	33679	15.96	171.9	13.15	26.05	9.9	173.8	20.07	20.68	81.1	83.3	54.84	51.16	0	945	26.2	9.43	0	15.47
5/28/2013 14:00	33680	15.4	173.8	13.78	27.84	9.57	176.3	21.09	18.89	82.6	84.7	49.69	46.94	0	704.5	26.2	9.43	-0.001	11.56
5/28/2013 15:00	33681	14.16	166.4	16.29	24.26	8.71	168.6	22.21	17.1	83.8	85.8	46.35	44.47	0	701.2	26.2	9.43	0	11.51
5/28/2013 16:00	33682	15.06	172.2	17.65	24.26	9.41	174.8	23.76	18.89	87.6	89.9	37.3	36.35	0	950	26.18	9.43	0	16.44
5/28/2013 17:00	33683	15.2	165	14.45	27.84	9.47	167.8	21.43	20.68	88.6	90.9	34.45	33.52	0	813	26.16	9.43	0	11.5
5/28/2013 18:00	33684	17.28	150	14.28	29.63	10.36	152	21.41	20.68	88.2	90.2	35.74	35.03	0	634.1	26.14	9.43	0.003	13.7
5/28/2013 19:00	33685	22.11	149	11.26	33.21	13	150.9	17.88	26.05	86.2	87.5	40.45	39.92	0	420.8	26.11	9.43	-0.003	16.52
5/28/2013 20:00	33686	22.13	151.2	9.9	36.78	12.84	153.8	17.18	26.05	83.3	83.7	45.96	45.4	0	211	26.09	9.43	0.001	11.43
5/28/2013 21:00	33687	19.19	149.7	9.71	29.63	11.12	151.4	17.32	24.26	78.85	78.81	57.39	55.7	0	35.13	26.09	9.43	0	15.94
5/28/2013 22:00	33688	16.76	153	10.28	27.84	9.66	154.8	17.79	18.89	75.85	75.57	64.2	61.73	0	0.146	26.09	9.43	0.001	16.18
5/28/2013 23:00	33689	14.43	159.3	10.71	27.84	8.23	160.9	18.49	18.89	74.87	74.54	67.79	64.86	0	0.033	26.1	9.44	0.001	12.45
5/29/2013 0:00	33690	13.46	162.5	9.41	22.47	7.685	163.9	17.25	15.31	74.42	73.98	68.59	65.77	0	0.034	26.1	9.44	0.001	16.7

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/29/2013 1:00	33691	20.3	164.4	9.54	33.21	11.49	166.4	17.39	26.05	74.8	74.44	67.12	64.43	0	0.04	26.09	9.44	0	11.66
5/29/2013 2:00	33692	20.67	167.4	9.37	34.99	11.64	168.8	17.2	26.05	74.06	73.75	69.48	66.14	0	0.034	26.1	9.44	0	11.74
5/29/2013 3:00	33693	19.88	178.5	8.93	36.78	11.6	182.5	17.1	24.26	72.88	72.61	73.18	69.15	0	0.029	26.1	9.44	0	11.69
5/29/2013 4:00	33694	24.11	176.7	8.93	38.57	13.78	179.8	17.21	26.05	72.47	72.41	76.12	71.22	0	0.035	26.09	9.44	0	16.29
5/29/2013 5:00	33695	21.52	176.2	8.64	36.78	12.4	179.9	16.96	24.26	71.49	71.34	80	74.62	0	0.043	26.08	9.44	0	11.53
5/29/2013 6:00	33696	18.05	180.7	8.87	29.63	10.65	183.9	16.63	20.68	69.99	69.67	80.6	75.3	0	0.024	26.06	9.44	0	16.7
5/29/2013 7:00	33697	15.45	187.4	8.75	24.26	9.39	191	16.01	18.89	69.06	68.64	77.27	72.49	0	1.957	26.05	9.43	-0.003	11.74
5/29/2013 8:00	33698	13.92	196.7	8.92	22.47	8.64	199.8	14.76	17.1	69.54	69.31	71.91	67.56	0	88.3	26.05	9.44	0.003	15.79
5/29/2013 9:00	33699	14.77	202	8.43	22.47	9.48	204.9	14.22	17.1	70.5	70.67	68.61	64.16	0	190	26.07	9.44	0	11.75
5/29/2013 10:00	33700	14.09	216.1	11.86	22.47	9.6	217.8	15.32	17.1	75	75.45	53.32	51.53	0	391.3	26.09	9.43	-0.003	14.9
5/29/2013 11:00	33701	15.08	251.7	19.05	24.26	11.81	251.2	20.68	22.47	82.7	83.2	21.88	21.79	0	728	26.11	9.43	0	15.57
5/29/2013 12:00	33702	16.67	267.3	13.25	27.84	13.05	265.5	15.76	22.47	86	86.8	10.08	8.63	0	898	26.13	9.43	-0.001	16.61
5/29/2013 13:00	33703	15.65	259.7	15.66	27.84	12.3	258.8	17.87	24.26	87.9	88.9	8.54	6.759	0	1011	26.14	9.43	0	15.92
5/29/2013 14:00	33704	16.35	248.2	19.76	31.42	12.92	248	20.78	24.26	89	90	6.877	4.698	0	1062	26.14	9.43	0.003	11.52
5/29/2013 15:00	33705	18.1	243	22.53	42.15	13.74	242.5	24.22	31.42	90.2	91.4	6.969	4.654	0	1048	26.13	9.43	0	16.66
5/29/2013 16:00	33706	20.67	239.7	18.78	34.99	15.4	239.4	20.44	29.63	90.4	91.7	8.05	5.769	0	973	26.11	9.43	-0.003	11.46
5/29/2013 17:00	33707	20.21	239.4	14.53	40.36	15.2	238.8	16.35	29.63	90.6	91.6	8.06	5.791	0	841	26.09	9.43	0	15.99
5/29/2013 18:00	33708	19.93	235.4	15.05	34.99	14.9	234.8	16.73	27.84	90.7	91.4	7.707	5.369	0	661.9	26.08	9.43	-0.007	15.18
5/29/2013 19:00	33709	19.36	236.3	14.16	31.42	14.27	235.3	16.16	26.05	90	90.5	7.888	5.566	0	453.1	26.07	9.41	-0.012	15.14
5/29/2013 20:00	33710	16.16	247.8	12.58	26.05	12.65	247.2	14.37	22.47	89	88.7	8.2	6.013	0	233.6	26.07	9.4	-0.012	13.27
5/29/2013 21:00	33711	12.45	238.4	9.96	22.47	9.11	237.2	11.95	20.68	86.4	85.9	9.22	7.093	0	46.89	26.07	9.4	-0.003	11.17
5/29/2013 22:00	33712	10.05	223.1	8.9	15.31	6.331	223.1	11.94	11.74	82.2	81.3	11.55	9.67	0	0.224	26.07	9.39	-0.003	15.82
5/29/2013 23:00	33713	7.855	207.6	7.634	13.52	4.114	206.2	13.08	9.95	78.14	76.36	14.5	13.51	0	0.024	26.07	9.4	0.004	15.85
5/30/2013 0:00	33714	6.285	217.2	7.689	9.95	3.179	217.3	10.79	4.578	74.73	72.55	17.21	16.66	0	0.01	26.06	9.4	0.002	15.78
5/30/2013 1:00	33715	4.529	222.9	10.05	9.95	1.282	224.4	14.05	4.578	71.71	68.94	19.46	19.83	0	0.007	26.06	9.4	-0.003	16.52
5/30/2013 2:00	33716	4.749	213.8	11.24	6.368	1.069	179	17.7	4.578	71.2	67.09	19.63	21.17	0	0.002	26.05	9.4	0	12.81
5/30/2013 3:00	33717	9.26	163.1	14.06	17.1	4.635	157.1	28.22	9.95	69.21	67.09	26.43	25.85	0	0.004	26.05	9.4	0.003	11.45
5/30/2013 4:00	33718	9.91	189.3	13.21	18.89	5.918	195.4	17.9	13.52	69.59	68.86	72.72	67.75	0	0.009	26.07	9.42	0.016	11.33
5/30/2013 5:00	33719	10.87	192.4	13.01	18.89	6.561	197.9	18.17	11.74	69	68.41	83.2	77.68	0	0.013	26.08	9.43	0.016	11.78
5/30/2013 6:00	33720	9.35	201	13.32	15.31	5.567	204.7	17.26	11.74	67.45	66.83	88.6	82.3	0	0.01	26.09	9.43	0	11.93
5/30/2013 7:00	33721	6.578	239.6	14.72	9.95	4.289	240.8	16.74	8.16	65.12	64.5	94	86.4	0	2.443	26.09	9.43	0	11.84
5/30/2013 8:00	33722	6.353	244.5	15.85	11.74	4.575	246.1	19.68	8.16	64.96	64.44	92.9	86.1	0	97.9	26.11	9.43	0	16.3
5/30/2013 9:00	33723	6.445	251.7	16.24	9.95	5.21	249.4	17.43	9.95	70.33	70.28	63.08	60.76	0	302.2	26.15	9.44	0.003	11.72
5/30/2013 10:00	33724	8.6	306.4	24.39	15.31	6.936	306.8	26.96	13.52	78.9	79.44	23	23	0	516	26.21	9.43	-0.003	11.7
5/30/2013 11:00	33725	13.69	345.3	17.28	26.05	10.54	344.5	17.88	20.68	84.4	85.2	13.71	12.55	0	711.1	26.25	9.43	0	11.63
5/30/2013 12:00	33726	11.44	311.6	21.26	20.68	9.31	312	23.44	20.68	86.4	87.3	15.54	14.44	0	881	26.27	9.43	0.002	11.63
5/30/2013 13:00	33727	9.78	313.4	24.07	20.68	8.13	314.2	27.81	18.89	88.8	89.7	14.51	13.42	0	993	26.28	9.43	0	16.86
5/30/2013 14:00	33728	10.46	303.4	42.08	22.47	8.56	302.5	45.54	18.89	90.5	91.5	12.46	11.18	0	1045	26.28	9.43	0	16.44
5/30/2013 15:00	33729	12.4	281.5	31.36	26.05	10.13	280.4	34.21	20.68	92.1	93.1	10.24	8.74	0	1041	26.27	9.43	-0.003	16.7
5/30/2013 16:00	33730	11.08	262.8	30.16	24.26	8.97	264.3	33.87	22.47	92.9	93.6	9.73	8.21	0	972	26.26	9.43	0	11.49
5/30/2013 17:00	33731	12.03	253.2	24.33	27.84	9.47	252.7	27.55	20.68	94	94.9	8.79	7.145	0	841	26.24	9.43	0	16.69
5/30/2013 18:00	33732	12.79	249	20.87	29.63	9.94	247.7	22.19	22.47	94.2	94.9	7.733	6.07	0	667.8	26.22	9.43	0	11.36
5/30/2013 19:00	33733	12.71	244	17.28	24.26	9.9	243.5	19.25	20.68	94	94.4	6.864	4.895	0	464.8	26.21	9.43	0	13.08
5/30/2013 20:00	33734	11.83	244.7	19.84	20.68	9.07	245	20.31	17.1	93.3	92.9	7.721	6.072	0	244.8	26.21	9.43	0	14.04
5/30/2013 21:00	33735	8.83	237.5	12.42	18.89	6.15	236.4	14.19	15.31	90.5	89.6	9.67	8.36	0	50.21	26.2	9.43	0.001	15.93

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
5/30/2013 22:00	33736	6.285	207.6	15.52	9.95	2.51	196.9	21.82	6.368	84.5	80.7	12.86	13.72	0	0.255	26.19	9.43	0	16.07
5/30/2013 23:00	33737	7.336	210.2	10.58	11.74	3.537	207.3	18.51	6.368	81	77.88	16.01	16.44	0	0.021	26.18	9.43	0.001	12.95
5/31/2013 0:00	33738	5.627	224	12.86	8.16	2.288	234	22.8	4.578	77.12	74.72	19.47	20.01	0	0.029	26.18	9.44	0.002	16.3
5/31/2013 1:00	33739	4.318	216.3	14.04	6.368	0.678	168.1	24.89	2.789	75.3	70.95	21.91	23.97	0	0.015	26.17	9.43	-0.003	11.62
5/31/2013 2:00	33740	4.041	217.2	29.8	6.368	0.895	123	25.63	4.578	74.25	69.51	23.9	27.6	0	0.009	26.15	9.43	0	11.47
5/31/2013 3:00	33741	6.073	210.3	47.48	17.1	2.486	166.7	33.56	11.74	73.1	69.44	31.21	33.67	0	0.007	26.14	9.43	0	15.11
5/31/2013 4:00	33742	8.45	176.1	10.52	15.31	4.537	180.5	18.82	9.95	70.78	69.86	68.22	64.85	0	0.019	26.16	9.43	0	11.67
5/31/2013 5:00	33743	6.215	196.4	9.77	9.95	3.238	201.7	14.81	6.368	68.53	67.29	79.46	75.2	0	0.013	26.16	9.43	0	14.45
5/31/2013 6:00	33744	6.379	196.7	8.2	9.95	3.082	201.3	15.01	6.368	66.69	65.22	86.8	81.7	0	0.012	26.16	9.43	0	11.74
5/31/2013 7:00	33745	7.24	206	9.1	11.74	4.112	210.4	13.75	8.16	65.71	64.78	91	85.1	0	3.01	26.16	9.43	0	16.82
5/31/2013 8:00	33746	7.114	214.5	10.67	11.74	4.657	217.4	14	8.16	66.84	66.35	89.4	82.9	0	99.1	26.18	9.43	0	11.83
5/31/2013 9:00	33747	9.63	212.3	9.9	13.52	6.519	215.2	14.02	13.52	71.04	71.63	77.85	71.79	0	304.4	26.22	9.43	0.002	15.82
5/31/2013 10:00	33748	10.5	216.2	12.73	15.31	7.551	218.3	14.94	13.52	76.27	77.18	56.96	54.35	0	519.9	26.26	9.43	-0.002	11.61
5/31/2013 11:00	33749	9.65	241.1	18.79	17.1	7.621	239.5	20.68	15.31	83.7	84.2	32.33	32.73	0	709.8	26.28	9.43	0	11.66
5/31/2013 12:00	33750	9.74	269	18.57	17.1	7.996	267.1	22.12	15.31	90.1	90.8	17.66	17.43	0	884	26.3	9.43	0.002	14.22
5/31/2013 13:00	33751	8.86	273.2	34.57	18.89	7.067	273.5	37.17	18.89	93.7	94.5	12.26	11.58	0	1002	26.31	9.43	0	11.53
5/31/2013 14:00	33752	10.64	255.7	39.19	22.47	8.4	255.6	40	17.1	95.8	96.7	10.08	9.06	0	1051	26.31	9.43	0	15.96
5/31/2013 15:00	33753	10.35	242.7	37.21	22.47	8.13	243.8	38.88	18.89	97.3	-7999	8.09	6.893	0	1045	26.29	9.43	0	16.29
5/31/2013 16:00	33754	8.17	267	41.61	20.68	6.721	268.1	43.07	18.89	99.2	99.8	6.914	-7999	0	975	26.26	9.43	0	13.45
5/31/2013 17:00	33755	7.838	270.3	41.93	18.89	6.362	271.3	46.02	15.31	99.9	100.6	5.761	4.553	0	845	26.24	9.43	0	13.45
5/31/2013 18:00	33756	11.15	247.5	26.37	22.47	8.88	246.8	28.24	20.68	99.5	100.1	5.138	3.758	0	670	26.22	9.43	-0.003	11.24
5/31/2013 19:00	33757	12.54	245.2	18.73	24.26	9.66	244.8	20.37	20.68	99.2	99.5	4.762	3.19	0	467.2	26.2	9.43	-0.003	11.36
5/31/2013 20:00	33758	13.84	244.3	14.33	24.26	10.52	243.5	15.8	18.89	98.2	97.7	4.051	2.337	0	252.7	26.2	9.41	-0.022	14.25
5/31/2013 21:00	33759	9.2	232.5	12.96	17.1	6.417	232	14.11	13.52	95.3	94.3	5.891	4.348	0	53.22	26.2	9.37	-0.037	11.41
5/31/2013 22:00	33760	7.407	216.7	7.522	9.95	3.772	215.2	11.09	6.368	88.9	86.4	9.16	8.43	0	0.266	26.19	9.37	-0.003	12.58
5/31/2013 23:00	33761	6.985	214.1	5.777	9.95	3.422	215.6	9.96	6.368	84.2	81.4	11.86	11.38	0	0.024	26.18	9.37	0	11.47
6/1/2013 0:00	33762	5.605	217.6	8.45	9.95	2.248	216.7	12.89	6.368	80.1	77.46	14.66	14.28	0	0.022	26.17	9.37	0.002	11.49
6/1/2013 1:00	33763	4.172	194.2	23.91	13.52	1.725	136.9	24.04	8.16	77.22	73.56	16.89	17.69	0	0.009	26.16	9.38	0.008	16.59
6/1/2013 2:00	33764	8.83	181.5	11.25	13.52	4.207	178.6	18.63	8.16	77.23	74.84	33.29	32.61	0	0.018	26.17	9.39	0.019	11.46
6/1/2013 3:00	33765	6.377	262.2	49.35	18.89	4.107	263.1	52.63	15.31	77.28	75.61	50.65	51.42	0	0.027	26.19	9.41	0.013	15.75
6/1/2013 4:00	33766	8.73	325.6	35.22	17.1	5.646	329.4	32.79	11.74	77.09	73.88	32.09	36.15	0	0.015	26.19	9.43	0.019	16.79
6/1/2013 5:00	33767	11.87	6.771	8.61	18.89	8.33	3.177	10.42	15.31	73.49	72.9	19.75	18.19	0	0.025	26.2	9.43	0.006	16.72
6/1/2013 6:00	33768	14.62	2.248	10.11	24.26	10.39	359.9	11.75	20.68	69.3	69.03	40.23	38.37	0	0.017	26.2	9.43	0	11.73
6/1/2013 7:00	33769	16.59	23.87	9.26	26.05	12.01	19.45	11.94	22.47	67.9	67.79	68.18	63.27	0	2.755	26.22	9.44	0.003	12.17
6/1/2013 8:00	33770	14.89	25.82	9.49	22.47	10.35	20.97	12.44	18.89	68.17	68.08	69.77	65.29	0	102.1	26.26	9.43	-0.003	11.75
6/1/2013 9:00	33771	16.92	33.49	11.44	27.84	10.1	30.12	14.19	22.47	70.71	71.05	47.7	46.1	0	314	26.3	9.44	0.002	11.76
6/1/2013 10:00	33772	19.34	46.82	11.09	31.42	10.43	41.17	15.58	22.47	75.27	76.06	36	35.65	0	523.6	26.33	9.43	-0.002	16.42
6/1/2013 11:00	33773	23.14	48.26	12.81	40.36	12.87	42.41	16.94	27.84	78.22	79.23	31.26	30.65	0	701.2	26.36	9.43	0	11.64
6/1/2013 12:00	33774	19.64	52.21	14.2	33.21	11.18	45.57	18.95	22.47	80.2	81.8	27.9	26.97	0	859	26.39	9.43	0	11.47
6/1/2013 13:00	33775	17.1	64.11	14.66	27.84	10.44	58.22	21.37	20.68	82.6	84.9	25.42	24.13	0	982	26.42	9.43	0	15.17
6/1/2013 14:00	33776	15.25	60.2	20.36	27.84	9.22	53.21	25.62	20.68	85	87.3	22.6	21.33	0	1022	26.43	9.43	-0.001	16.22
6/1/2013 15:00	33777	15.34	66.27	18.91	27.84	9.53	60.58	26.35	24.26	86.1	88.8	21.55	20.09	0	1013	26.43	9.43	0	16.68
6/1/2013 16:00	33778	14.93	64.47	21.28	27.84	9.3	58.3	26.37	20.68	86.8	89.2	20.39	19.02	0	944	26.42	9.44	0.003	13.29
6/1/2013 17:00	33779	15.93	81.2	16.8	29.63	10.19	76.5	25.56	22.47	86.9	89.2	19.24	17.65	0	816	26.42	9.43	-0.004	15.71
6/1/2013 18:00	33780	14.88	73.07	17.25	27.84	9.17	67.08	24.11	24.26	86.4	88.4	19.3	17.78	0	645.2	26.42	9.43	0.001	12.57

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/1/2013 19:00	33781	15.92	79.39	13.6	26.05	9.79	74.35	22.08	20.68	85.4	86.9	20	18.57	0	445.2	26.41	9.43	0	11.32
6/1/2013 20:00	33782	16.37	72.57	11.32	27.84	10.07	66.97	20.19	20.68	83.9	84.2	20.25	19.1	0	235.4	26.4	9.42	-0.015	11.51
6/1/2013 21:00	33783	14.54	82.8	9.51	26.05	8.39	77.48	19.7	18.89	81.6	81.4	21.27	20.3	0	49.38	26.41	9.42	0	16.18
6/1/2013 22:00	33784	10.97	82.3	9.06	17.1	6.167	78.76	19.49	11.74	77.92	77.12	24.06	23.36	0	0.276	26.42	9.42	0	11.59
6/1/2013 23:00	33785	10.05	89.7	8.43	15.31	5.774	87.5	19.1	11.74	74.72	73.85	28.17	27.54	0	0.031	26.43	9.42	0.002	16.25
6/2/2013 0:00	33786	11.08	88	8.36	17.1	6.404	84.4	18.76	11.74	72.53	71.67	30.69	29.89	0	0.028	26.42	9.42	0.001	13.19
6/2/2013 1:00	33787	11.89	87.2	9.06	24.26	6.902	83.7	19.76	13.52	70.75	69.99	32.8	31.81	0	0.028	26.41	9.42	0.003	15.97
6/2/2013 2:00	33788	11.44	80.8	8.99	18.89	6.522	74.78	19.04	11.74	69.16	68.43	35.05	33.9	0	0.023	26.4	9.43	0.01	12.34
6/2/2013 3:00	33789	12.31	78.83	8.43	18.89	6.819	72.42	19.42	13.52	66.96	66.23	37.75	36.44	0	0.017	26.4	9.43	0	15.23
6/2/2013 4:00	33790	10.64	88.2	8.72	17.1	6.1	85.4	18.85	11.74	65.69	65.05	39.54	37.97	0	0.007	26.4	9.43	0	16.88
6/2/2013 5:00	33791	6.496	87.7	14.24	11.74	3.788	83.4	22.57	8.16	64.89	64.32	41.4	39.48	0	0.01	26.41	9.43	0	15.71
6/2/2013 6:00	33792	4.214	55.98	23.45	8.16	1.853	48	21.72	6.368	63.4	62.5	44.33	42.31	0	0.005	26.41	9.43	0	11.79
6/2/2013 7:00	33793	8.49	54.62	10.04	13.52	4.837	48.79	16.58	9.95	63.15	62.88	45.56	42.57	0	2.158	26.42	9.43	0	11.82
6/2/2013 8:00	33794	8.58	64.72	10.35	17.1	5.351	59.58	17.56	11.74	63.16	63.13	46.49	43.38	0	96.7	26.43	9.43	0	11.76
6/2/2013 9:00	33795	13.1	75.39	11.07	22.47	8.06	69.72	19.73	15.31	66.09	66.9	44.55	41.46	0	276.1	26.47	9.43	0	12.57
6/2/2013 10:00	33796	14.79	88.5	12.17	26.05	9.14	83.9	22.34	20.68	69.81	71.44	43.18	40.23	0	499.7	26.49	9.43	0.001	11.75
6/2/2013 11:00	33797	15.4	104.3	13.58	26.05	9.81	100.9	24.21	17.1	72.6	74.71	41.45	38.66	0	664.8	26.51	9.43	-0.001	16.99
6/2/2013 12:00	33798	14.72	112.7	14.09	24.26	9.46	113	25.24	17.1	74.56	76.62	38.66	36.43	0	580.5	26.52	9.43	0	11.55
6/2/2013 13:00	33799	15.12	118.1	16.81	26.05	9.52	117.3	26.16	18.89	77.55	80.1	32.84	30.64	0	840	26.53	9.43	0	16.08
6/2/2013 14:00	33800	16.16	127.4	17.17	27.84	10.07	128.9	26.04	20.68	80.1	83	31.69	29.16	0	966	26.52	9.43	-0.001	16.22
6/2/2013 15:00	33801	14.54	139.3	18.27	27.84	9.18	140.2	25.64	18.89	83	86	30.87	28.38	0	1028	26.5	9.43	0.003	11.66
6/2/2013 16:00	33802	15.06	141	17.85	31.42	9.44	143.5	25.22	18.89	84.8	87.5	30.73	28.55	0	938	26.48	9.43	0	12.3
6/2/2013 17:00	33803	14.86	150.8	17.7	27.84	9.26	152.8	24.85	22.47	86.1	88.7	30.1	28.07	0	824	26.45	9.43	-0.003	14.02
6/2/2013 18:00	33804	15.51	146.2	16.49	29.63	9.51	148.4	23.64	18.89	86.6	88.8	29.9	28.29	0	648.6	26.41	9.43	0.003	12.41
6/2/2013 19:00	33805	16.86	138.3	12.37	27.84	10.35	140.3	20.12	20.68	86.7	88.3	31.58	30.46	0	445.8	26.37	9.43	-0.003	16.53
6/2/2013 20:00	33806	17.8	143.2	11.66	27.84	10.5	145.6	19.07	24.26	86.2	86.8	33.62	33.39	0	227.6	26.34	9.43	0.001	11.5
6/2/2013 21:00	33807	15.87	150.9	9.97	26.05	9.09	153.3	17	18.89	83.3	83.2	38.18	38.68	0	26.52	26.34	9.43	0	11.45
6/2/2013 22:00	33808	12.99	155.1	8.48	18.89	7.388	156.9	16.55	13.52	81.5	81.1	42.56	42.84	0	0.157	26.36	9.43	0	12.85
6/2/2013 23:00	33809	11.81	163.4	9.64	18.89	6.545	164.8	17.73	13.52	80.1	79.67	47.67	47.33	0	0.063	26.36	9.43	0	11.52
6/3/2013 0:00	33810	13.63	166.8	8.92	22.47	7.662	169	17.88	15.31	78.84	78.49	53.17	52.11	0	0.065	26.35	9.43	0	11.62
6/3/2013 1:00	33811	17.23	168.1	9.35	31.42	9.68	169.8	17.85	22.47	78.09	77.83	57.85	56.14	0	0.066	26.36	9.43	0	11.66
6/3/2013 2:00	33812	12.24	161.8	59.54	43.94	7.369	166.3	63.38	34.99	76.26	75.89	61.55	59.52	0	0.051	26.37	9.43	0.001	12.16
6/3/2013 3:00	33813	23.36	13.89	13.63	42.15	15.85	9.46	17.27	36.78	65.84	66.29	70.98	64.48	0	0.02	26.42	9.44	0.002	15.99
6/3/2013 4:00	33814	19.29	39.49	12.33	31.42	10.83	34.87	14.67	26.05	65.99	66.01	74.22	68.13	0	0.008	26.36	9.43	-0.003	11.7
6/3/2013 5:00	33815	16.09	46.79	10.15	29.63	8.48	41.02	14.07	18.89	65.84	65.76	73.35	67.55	0	0.017	26.35	9.43	0	11.72
6/3/2013 6:00	33816	13.29	55.14	9.88	22.47	7.433	49.68	16.58	15.31	65.51	65.42	73.48	67.67	0	0.014	26.34	9.43	0	15.97
6/3/2013 7:00	33817	11.8	61.37	11.09	20.68	6.99	56.37	17.57	15.31	64.93	64.77	75.61	69.51	0	1.773	26.34	9.43	0	11.79
6/3/2013 8:00	33818	9.65	87.8	10.69	15.31	5.807	82.6	20.74	11.74	65.56	65.24	73.84	68.53	0	36.61	26.33	9.43	0	13.2
6/3/2013 9:00	33819	11.94	131.1	18.23	18.89	7.189	131.1	26.83	15.31	70.21	70.84	61.74	57.74	0	268.3	26.33	9.44	0.003	11.76
6/3/2013 10:00	33820	13.44	161.8	14.77	20.68	8.11	164.1	21.47	15.31	76.81	78.38	49.94	47.25	0	507.8	26.35	9.43	-0.003	16.91
6/3/2013 11:00	33821	12.87	192.3	15.8	22.47	7.973	198	23.04	15.31	80.1	82.1	46.14	43.62	0	684.7	26.37	9.43	0	16.95
6/3/2013 12:00	33822	11.79	208.5	16.74	18.89	7.996	213.7	21.9	15.31	82.8	84.7	40.75	39.17	0	851	26.39	9.44	0.002	11.66
6/3/2013 13:00	33823	13.44	222.1	17.86	24.26	9.31	226.6	20.47	18.89	85.4	87.3	35.96	34.67	0	963	26.39	9.43	-0.001	11.52
6/3/2013 14:00	33824	14.12	225.9	15.62	24.26	9.78	229	18.17	18.89	88	90	32.93	31.64	0	1010	26.37	9.43	0	11.63
6/3/2013 15:00	33825	12.86	217.6	22.06	24.26	8.85	221.9	25.39	18.89	91.1	93.1	28.5	27.42	0	1004	26.36	9.43	0	14.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/3/2013 16:00	33826	12.49	214.3	20.92	22.47	8.57	220.7	24.73	18.89	93.5	95.3	23.96	23.09	0	939	26.34	9.43	0	12.58
6/3/2013 17:00	33827	12.46	214.2	23.19	24.26	8.62	218.3	26.84	17.1	94.5	96.2	22.35	21.48	0	810	26.32	9.43	0	16.25
6/3/2013 18:00	33828	11.37	210.2	22.88	31.42	7.723	215.4	26.4	27.84	95.2	96.7	21.12	20.39	0	640.3	26.3	9.43	0	11.49
6/3/2013 19:00	33829	12.57	198.5	19.15	22.47	8.02	204.8	23.71	17.1	94.9	96.1	21.5	20.9	0	439.9	26.29	9.43	-0.003	13.95
6/3/2013 20:00	33830	13.49	179.1	12.26	22.47	8.16	182.6	20.18	15.31	94.1	94.4	21.5	21.42	0	231	26.27	9.43	0.003	11.31
6/3/2013 21:00	33831	12.28	176.8	9.29	20.68	7.193	180.2	17.12	15.31	92	91.7	22.49	22.83	0	48	26.26	9.43	-0.002	16.83
6/3/2013 22:00	33832	12.25	169.7	8.59	24.26	6.574	172	17.17	17.1	88.5	87.5	25.89	26.57	0	0.331	26.25	9.43	0	11.38
6/3/2013 23:00	33833	17.07	166.5	8.18	27.84	9.53	169.5	17.01	20.68	86.2	85.7	35.21	36.15	0	0.058	26.26	9.43	0	16.16
6/4/2013 0:00	33834	18.53	168.5	8.17	29.63	10.28	171.2	17.28	18.89	84.3	83.7	40.55	41.55	0	0.065	26.27	9.43	0	16.89
6/4/2013 1:00	33835	19.34	170	8.85	40.36	10.83	173.3	17.53	22.47	82.2	81.7	46.02	46.26	0	0.062	26.26	9.43	0	11.62
6/4/2013 2:00	33836	17.48	173.2	8.51	26.05	9.85	176.5	17.57	18.89	80.1	79.56	50.62	50.27	0	0.066	26.26	9.43	0	11.61
6/4/2013 3:00	33837	16.13	177.3	8.67	26.05	9.3	180.9	17.18	18.89	78.3	77.74	53.98	53.18	0	0.053	26.24	9.43	0.001	11.75
6/4/2013 4:00	33838	14.62	180.2	8.3	24.26	8.52	183.8	16.71	17.1	76.83	76.23	55.14	54.21	0	0.042	26.23	9.43	0	12.84
6/4/2013 5:00	33839	12.04	184.5	8.64	20.68	7.001	188.1	16.52	13.52	75.3	74.58	55.13	54.12	0	0.033	26.22	9.44	0.002	16.18
6/4/2013 6:00	33840	9.78	193.9	8.49	15.31	5.836	198	14.26	9.95	73.82	72.99	56.14	54.92	0	0.03	26.22	9.44	0	12.49
6/4/2013 7:00	33841	8.45	203	11.26	13.52	5.072	206	15.16	9.95	72.16	71.24	58.85	57.18	0	2.854	26.22	9.43	-0.003	13.91
6/4/2013 8:00	33842	8.23	206.2	8.7	13.52	5.244	208.5	13.38	9.95	72.83	72.11	57.84	55.84	0	105.8	26.23	9.44	0.003	15.82
6/4/2013 9:00	33843	11.02	207.7	9.49	17.1	7.423	209.7	13.68	13.52	77.11	77.55	49.67	47.97	0	312.4	26.25	9.43	-0.003	15.05
6/4/2013 10:00	33844	12.73	227.3	13.73	18.89	9.48	226.8	15.68	18.89	82.7	83.3	38.95	38.74	0	528.5	26.29	9.43	0	16.76
6/4/2013 11:00	33845	13.89	261	16.82	20.68	10.98	259.5	19.3	18.89	90.8	91.3	20.1	20.08	0	720.4	26.31	9.43	-0.001	11.57
6/4/2013 12:00	33846	12.67	287.5	17.21	20.68	10.29	287.7	20.58	17.1	95.3	96.1	9.77	8.76	0	890	26.33	9.43	0.003	16.48
6/4/2013 13:00	33847	9.38	294.6	27.76	17.1	7.796	295.3	33.03	15.31	98.3	98.9	6.51	5.254	0	1003	26.35	9.43	0	16.01
6/4/2013 14:00	33848	8.12	303.2	40.71	17.1	6.585	303.1	43.13	15.31	101.2	101.9	3.086	2.395	0	1054	26.34	9.43	-0.003	12.12
6/4/2013 15:00	33849	8.42	289.1	54.18	20.68	6.642	289.4	56	17.1	102.5	103.5	2.029	1.962	0	1044	26.33	9.43	0	14.97
6/4/2013 16:00	33850	8.72	289.9	51.23	20.68	7.266	287.3	54.62	17.1	103.5	104	1.323	1.966	0	977	26.32	9.43	0.003	16.29
6/4/2013 17:00	33851	9.22	278.7	54.99	18.89	7.486	274.9	55.51	17.1	103.3	103.9	1.139	1.961	0	850	26.3	9.43	-0.003	15.81
6/4/2013 18:00	33852	8.63	284.6	25.94	17.1	7.127	281.5	30.41	13.52	103.2	103.5	1.015	1.971	0	678.1	26.29	9.43	0.003	11.31
6/4/2013 19:00	33853	7.666	237.9	34.07	17.1	6.033	237	38.99	15.31	102.5	102.5	1.778	1.969	0	472.4	26.27	9.43	-0.003	11.23
6/4/2013 20:00	33854	5.95	266.9	30.34	15.31	4.655	262.5	32.06	17.1	101.4	100.4	2.587	1.93	0	237.4	26.26	9.43	0.003	12.36
6/4/2013 21:00	33855	3.049	231	17.38	11.74	1.269	230.7	15.78	9.95	98.7	96.4	3.87	3.573	0	56.82	26.25	9.43	-0.003	16.4
6/4/2013 22:00	33856	7.375	175.7	13.94	17.1	3.359	153.6	27.89	11.74	92	87.6	10.42	11.79	0	0.239	26.24	9.43	0.001	11.39
6/4/2013 23:00	33857	16.27	177.9	9.05	27.84	9.3	181.4	17.06	20.68	89	88.1	20.79	20.7	0	0.054	26.25	9.43	0	16.66
6/5/2013 0:00	33858	12.96	186.7	9.84	22.47	7.5	189.5	16.48	15.31	85.8	84.9	23.3	23.18	0	0.061	26.26	9.43	0	11.51
6/5/2013 1:00	33859	9.9	185.6	8.75	18.89	5.409	188.3	16.2	9.95	81.3	80.1	28.15	28.24	0	0.041	26.24	9.43	0.001	15.58
6/5/2013 2:00	33860	6.727	181.2	10.42	11.74	3.097	179.9	17.81	6.368	77.97	76.11	32.79	33.93	0	0.026	26.23	9.44	0.002	12.51
6/5/2013 3:00	33861	4.448	179.3	8.17	6.368	0.864	165.8	10.37	4.578	74.3	71.05	37.34	40.09	0	0.014	26.2	9.44	0.001	12.81
6/5/2013 4:00	33862	3.716	175.3	14.75	6.368	0.766	113.6	13.72	4.578	71.11	68.11	41.94	44.04	0	0.016	26.18	9.43	-0.003	17.01
6/5/2013 5:00	33863	5.696	187.6	22.38	9.95	2.782	195.9	31.38	6.368	69.58	67.49	44.37	44.92	0	0.014	26.18	9.43	0	16.95
6/5/2013 6:00	33864	5.892	199.4	9.29	9.95	2.338	203.8	15.8	4.578	70.26	67.83	43.29	44.59	0	0.012	26.19	9.43	0	11.69
6/5/2013 7:00	33865	4.274	231.4	18.35	6.368	1.151	269.5	15.8	4.578	68.56	65.5	45.75	47.48	0	2.945	26.19	9.43	0	16.66
6/5/2013 8:00	33866	3.675	240	14.84	6.368	1.525	260.8	19.65	4.578	69.21	67.45	45.57	45.75	0	104.7	26.2	9.43	0	11.65
6/5/2013 9:00	33867	6.062	219.1	12.71	11.74	4.325	218.1	15.32	9.95	75.36	75.55	37.12	36.44	0	311.3	26.25	9.43	0.001	15.39
6/5/2013 10:00	33868	6.022	264.3	33.38	15.31	4.908	262.9	34.77	13.52	83	83.5	26.72	26.17	0	515.7	26.29	9.43	-0.001	11.55
6/5/2013 11:00	33869	11.68	347.7	15.84	22.47	9.05	345.4	18.05	18.89	87.7	88.8	16.98	15.77	0	705.2	26.32	9.43	-0.001	11.48
6/5/2013 12:00	33870	13.07	3.705	15.21	20.68	9.93	0.692	17.24	17.1	86.9	88.5	29.96	29.1	0	866	26.35	9.43	0.002	16.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/5/2013 13:00	33871	9.31	18.37	22.96	18.89	6.916	13.65	24.64	15.31	90.6	92.2	25.25	25.05	0	977	26.35	9.43	0	15.95
6/5/2013 14:00	33872	8.38	21.15	30.14	17.1	6.125	14.64	33.19	15.31	94.5	96	16.08	15.69	0	1030	26.36	9.43	0	11.46
6/5/2013 15:00	33873	7.695	41.22	35.09	20.68	5.441	34.52	39.14	15.31	97.9	99.6	11.69	11.13	0	1021	26.35	9.43	-0.003	13.33
6/5/2013 16:00	33874	6.46	145.4	54.16	15.31	4.88	143.6	62.31	11.74	100.5	101.8	8.88	8.09	0	955	26.33	9.43	0.003	16.71
6/5/2013 17:00	33875	7.154	212.2	59.48	17.1	5.482	211.5	59.06	13.52	101.6	102.3	7.875	6.908	0	869	26.31	9.43	0	16.67
6/5/2013 18:00	33876	6.524	238.3	62.96	15.31	5.203	244.5	63	13.52	101.4	102	7.592	6.577	0	642.4	26.29	9.43	-0.003	12.39
6/5/2013 19:00	33877	11	89.9	22.37	22.47	6.988	86.4	30.39	17.1	96.5	-7999	17.36	16.81	0	299.6	26.27	9.43	0	13.89
6/5/2013 20:00	33878	15.51	78.58	12.26	24.26	9.22	74.11	21.62	17.1	93.2	93.6	22.27	22.04	0	162.5	26.25	9.43	0.001	11.24
6/5/2013 21:00	33879	15.02	80	9.39	24.26	8.85	75.51	20.23	17.1	90	90	26.45	26.54	0	49.07	26.25	9.43	0.001	11.43
6/5/2013 22:00	33880	14.57	82.8	12.09	27.84	8.6	78.84	21.84	18.89	86.2	85.8	32.76	33.17	0	0.293	26.25	9.43	0	15.31
6/5/2013 23:00	33881	24.61	19.02	41.68	51.1	17.16	14.71	41.14	45.73	75.82	74.72	49.32	51.02	0.16	0.062	26.33	9.19	-0.245	11.55
6/6/2013 0:00	33882	28.69	27.25	9.76	51.1	19.54	22.36	12.6	42.15	67.08	66.8	64.99	61.76	0	0.017	26.32	9.17	-0.018	11.53
6/6/2013 1:00	33883	22.43	41.73	13.2	43.94	12.36	36.94	15.63	27.84	66.3	65.95	64.77	61.3	0	0.03	26.3	9.17	-0.003	16.86
6/6/2013 2:00	33884	16.11	59.33	9.47	29.63	9.26	53.37	16.64	20.68	65.63	65.1	66.72	63.29	0	0.034	26.28	9.17	0.003	15.2
6/6/2013 3:00	33885	14.34	65.01	10.67	20.68	8.7	59.63	17.88	15.31	64.58	64.17	76.68	71.27	0	0.038	26.28	9.17	-0.003	15.11
6/6/2013 4:00	33886	15.78	72.52	12.96	24.26	9.3	67.08	20.39	17.1	62.88	62.61	87	79.76	0	0.033	26.27	9.17	0	14.63
6/6/2013 5:00	33887	10.65	55.67	13.33	18.89	5.919	48.26	20.34	13.52	61.77	61.57	91.9	83.9	0	0.023	26.29	9.18	0.01	12.22
6/6/2013 6:00	33888	11.99	44.5	12.21	20.68	6.617	37.37	16.11	15.31	61.8	61.65	90.3	82.8	0	0.031	26.3	9.2	0.026	16.51
6/6/2013 7:00	33889	12.3	35.43	12.67	22.47	7.318	30.59	15.15	17.1	61.92	61.83	90.1	82.4	0	1.419	26.31	9.22	0.022	12.33
6/6/2013 8:00	33890	11.66	37.61	12.25	20.68	6.729	33.91	15	15.31	62.67	62.6	87.2	80	0	37.8	26.34	9.24	0.016	11.58
6/6/2013 9:00	33891	13.69	39.05	12.97	22.47	8.03	33.65	15.7	18.89	63.9	64.08	83.3	76.66	0	151.2	26.36	9.26	0.016	15.48
6/6/2013 10:00	33892	13.24	49.92	12.46	22.47	7.385	43.56	17.52	17.1	65.31	66.02	78.46	72.39	0	313.8	26.39	9.28	0.029	11.72
6/6/2013 11:00	33893	11.75	51.33	16.25	20.68	6.675	45.19	19.73	13.52	67.55	68.88	72.92	67.56	0	561.1	26.42	9.31	0.022	11.67
6/6/2013 12:00	33894	12.22	51.12	17.01	22.47	7.206	44.83	20.25	15.31	70.3	72.14	66	61.47	0	719.2	26.44	9.33	0.019	11.59
6/6/2013 13:00	33895	12.25	64.45	19.55	20.68	7.576	56.78	25.64	17.1	73.44	75.97	58.08	54.43	0	970	26.45	9.34	0.019	11.55
6/6/2013 14:00	33896	10.33	68.7	20.63	18.89	6.459	60.08	27.39	15.31	75.75	78.49	52.82	50.06	0	909	26.45	9.36	0.019	11.62
6/6/2013 15:00	33897	7.714	70.71	27.8	17.1	5.214	61.37	35.52	13.52	78.77	80.9	46.89	45.85	0	816	26.45	9.39	0.022	16.09
6/6/2013 16:00	33898	9.23	64.25	22.14	18.89	6.095	56.78	29.56	15.31	78.83	80.9	46.83	45.6	0	715.6	26.44	9.39	0.01	11.58
6/6/2013 17:00	33899	8.38	74	25.01	18.89	5.642	70.1	33.09	15.31	81.2	83.6	42.25	41.61	0	815	26.42	9.4	0.005	16.96
6/6/2013 18:00	33900	9.78	76.59	27.46	20.68	6.475	72.14	34.79	15.31	81.3	83.4	42.86	42.02	0	623.3	26.41	9.41	0.014	15.75
6/6/2013 19:00	33901	12.93	69.35	14.9	22.47	8.04	62.96	22.33	17.1	79.48	81.2	46.65	45.12	0	397.6	26.39	9.42	0.003	14.06
6/6/2013 20:00	33902	12.97	75.12	13.71	22.47	7.97	69.59	21.87	15.31	78.14	78.83	49.4	48.18	0	221.8	26.37	9.42	0.006	16.94
6/6/2013 21:00	33903	12.5	78.9	9.68	20.68	7.588	74.27	19.97	15.31	75.06	75.11	55.04	53.35	0	32.17	26.37	9.43	0.007	14.55
6/6/2013 22:00	33904	9.66	77.35	9.34	15.31	5.684	70.74	19.1	11.74	72.26	71.92	61.03	58.65	0	0.237	26.36	9.44	0.006	16.66
6/6/2013 23:00	33905	10.11	77.47	8.83	15.31	5.996	71.22	18.92	11.74	70.27	69.9	66.17	62.81	0	0.046	26.36	9.44	0	12.25
6/7/2013 0:00	33906	10.46	78.71	8.49	15.31	6.072	73.07	19.38	11.74	68.86	68.43	69.64	65.71	0	0.036	26.37	9.44	0	11.68
6/7/2013 1:00	33907	11.03	83.4	8.96	18.89	6.421	79.04	18.85	13.52	67.6	67.18	73.25	68.58	0	0.037	26.37	9.43	-0.003	15.61
6/7/2013 2:00	33908	10.72	90.2	9.46	18.89	6.324	86.2	20.19	11.74	66.15	65.81	78.47	72.64	0	0.021	26.38	9.43	0	16.32
6/7/2013 3:00	33909	8.71	88.6	11.34	15.31	5.43	83.9	21.34	11.74	65.32	65.1	86	78.94	0	0.023	26.4	9.43	0	11.64
6/7/2013 4:00	33910	8.18	106.2	29.15	17.1	5.111	100.3	32.78	11.74	65.13	65.07	87.9	80.6	0.12	0.027	26.4	9.43	0	15.92
6/7/2013 5:00	33911	9.97	97.1	17.62	17.1	6.026	93.7	26.67	13.52	63.55	63.32	93.4	86.7	0.07	0.017	26.38	9.43	0	12.36
6/7/2013 6:00	33912	6.151	141	27.64	13.52	0.359	90.6	5.638	8.16	62.94	62.57	93.6	87.6	0	0.007	26.37	9.43	0	12.77
6/7/2013 7:00	33913	6.036	129.9	16.62	11.74	2.839	131.5	22.6	8.16	62.65	62.22	93.8	87.6	0	2.331	26.37	9.43	0	15.8
6/7/2013 8:00	33914	3.887	123.5	31.48	9.95	1.927	135.2	22.8	6.368	62.85	62.49	94.6	88.6	0	28.86	26.37	9.43	0	11.73
6/7/2013 9:00	33915	6.204	115.7	21.78	13.52	3.807	115.5	26.04	9.95	64.13	64.46	90.8	85.2	0	165.3	26.38	9.43	0	14.53

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/7/2013 10:00	33916	10.21	160.2	14.94	20.68	6.163	162.7	21.61	15.31	65.64	66.42	86	79.21	0	299.8	26.42	9.44	0.003	16.28
6/7/2013 11:00	33917	7.863	160.4	17.61	15.31	5.141	163.4	24.54	11.74	68.32	69.69	75.88	69.97	0	478.7	26.45	9.43	-0.002	16.6
6/7/2013 12:00	33918	7.712	148.3	23.92	15.31	5.245	150.1	31.61	9.95	70.63	72.21	68.93	64.28	0	700	26.46	9.43	-0.001	16.92
6/7/2013 13:00	33919	7.111	145.1	23.31	15.31	4.955	148.4	31.91	11.74	74.48	76.34	59.16	56.47	0	961	26.46	9.43	0	16.77
6/7/2013 14:00	33920	7.716	156	33.35	15.31	5.392	160.8	40.25	11.74	77.06	78.92	53.94	51.63	0	970	26.46	9.43	0	12.23
6/7/2013 15:00	33921	7.399	152	37.31	15.31	5.236	154.8	47.17	11.74	79.59	81.6	49.06	47.39	0	1012	26.44	9.44	0.002	12.13
6/7/2013 16:00	33922	7.048	155.1	32.54	13.52	5.046	159.8	43.28	11.74	81.9	83.3	44.13	43.57	0	936	26.42	9.43	0	13.11
6/7/2013 17:00	33923	10.37	143.7	24.33	20.68	6.904	145.9	33.39	15.31	82.5	84.7	42.68	41.68	0	812	26.39	9.44	0	11.49
6/7/2013 18:00	33924	11.81	137.9	21.22	20.68	7.541	138	30.96	15.31	83	85	39.03	38.59	0	623.5	26.37	9.43	-0.003	11.33
6/7/2013 19:00	33925	12.1	136.5	16.21	18.89	7.442	138.1	23.98	13.52	82.4	83.4	37.75	38.07	0	297.7	26.34	9.43	0.001	16.57
6/7/2013 20:00	33926	12.79	144.5	9.59	20.68	7.651	146.7	16.99	15.31	80.8	81.1	39.22	39.91	0	119.9	26.32	9.43	0	16.42
6/7/2013 21:00	33927	11.5	138.2	9.65	18.89	6.705	140.6	17.79	13.52	78.63	78.4	45.77	46.05	0	29.43	26.3	9.43	0	11.48
6/7/2013 22:00	33928	10.36	134.8	9.55	18.89	5.992	136.5	18.02	13.52	75.75	75.3	54.11	53.43	0	0.185	26.3	9.43	0.001	16.77
6/7/2013 23:00	33929	8.3	137.6	10.65	13.52	4.664	137.1	18.25	8.16	74.14	73.48	59.82	58.68	0	0.043	26.31	9.44	0.002	13.72
6/8/2013 0:00	33930	5.781	131.6	11.99	11.74	2.714	131.2	17.61	8.16	71.97	71.07	66.47	65.09	0	0.034	26.33	9.44	0	16.02
6/8/2013 1:00	33931	6.101	118.2	17.23	13.52	3.246	110.8	25.62	6.368	70.52	69.67	71.83	69.28	0	0.042	26.32	9.43	-0.003	11.59
6/8/2013 2:00	33932	13.37	14.95	45.97	31.42	9.68	6.231	36.65	27.84	68.58	68.44	70.26	66.38	0	0.047	26.37	9.44	0.003	11.67
6/8/2013 3:00	33933	14.67	47.31	26.33	31.42	9.77	41.28	28.19	27.84	62.82	63.01	83.8	76.23	0	0.019	26.36	9.43	-0.003	12.68
6/8/2013 4:00	33934	18.28	121.5	40.69	36.78	10.73	121.4	47.03	26.05	61.21	61.06	89.8	82.7	0.01	0.019	26.26	9.43	0	11.48
6/8/2013 5:00	33935	15.58	87.3	12.06	29.63	9.31	82.8	21.13	24.26	60.68	60.46	92.1	84.1	0	0.008	26.22	9.43	0.001	11.3
6/8/2013 6:00	33936	7.317	128.2	21.55	17.1	4.282	128.2	28.86	13.52	61.04	60.56	93.6	86	0	0.006	26.21	9.43	0	16.03
6/8/2013 7:00	33937	3.562	232.9	25.26	6.368	1.551	246	18.91	4.578	61.23	60.29	92.8	87.6	0	3.344	26.22	9.43	0.001	11.82
6/8/2013 8:00	33938	3.149	214.5	14.13	8.16	1.572	221.4	11.3	6.368	64.47	63.69	85.3	81.9	0	138	26.24	9.43	-0.001	11.78
6/8/2013 9:00	33939	7.911	176.6	16.34	13.52	5.002	178	22.93	11.74	67.45	68.13	77.04	71.17	0	259.8	26.26	9.44	0.003	16.89
6/8/2013 10:00	33940	10.9	189.9	15.28	17.1	7.117	193	20.24	13.52	69.44	70.73	72.52	66.43	0	469.7	26.29	9.43	-0.003	12
6/8/2013 11:00	33941	10.11	204	14.6	17.1	7.209	205.4	18.72	13.52	72.02	73.37	66.92	61.53	0	676	26.29	9.43	-0.001	15.91
6/8/2013 12:00	33942	8.42	211.9	19.03	15.31	6.426	214.3	21.42	11.74	76.15	77.27	57.8	54.44	0	850	26.31	9.43	0	13.42
6/8/2013 13:00	33943	6.87	206.5	26.01	13.52	5.247	209.4	32.78	11.74	81.9	82.6	45.3	44.68	0	963	26.31	9.44	0.002	11.62
6/8/2013 14:00	33944	9.27	192	30.68	18.89	6.602	194.5	35.4	15.31	86.1	87.6	34.09	34	0	1015	26.3	9.43	0	16.92
6/8/2013 15:00	33945	10.71	216.9	19.37	20.68	8.12	219.6	22.28	18.89	88.4	89.8	31.04	30.74	0	1006	26.29	9.43	0	15
6/8/2013 16:00	33946	9.59	210.6	26.11	20.68	7.118	212.6	26.68	17.1	90.9	92.2	27.23	26.98	0	942	26.27	9.43	0	12.43
6/8/2013 17:00	33947	10.44	189.4	29.93	20.68	7.243	193.2	33.07	15.31	92.6	94.3	24.39	23.98	0	820	26.25	9.43	0	16.4
6/8/2013 18:00	33948	10.68	165.7	19.55	27.84	6.814	168.7	25.56	20.68	93.6	95.4	21.5	21.07	0	652.5	26.23	9.43	-0.003	15.71
6/8/2013 19:00	33949	11.31	179	17.61	22.47	7.17	181.9	22.53	15.31	93.8	95	20.28	19.97	0	428.8	26.21	9.43	0.003	11.41
6/8/2013 20:00	33950	12.12	173.3	16.25	20.68	7.315	176.2	22.37	15.31	93.4	93.8	20.8	20.96	0	259	26.21	9.43	0	12.25
6/8/2013 21:00	33951	12.22	160.5	10.38	26.05	6.801	161.5	17.43	17.1	90.3	90	25.25	26	0	35.99	26.2	9.43	-0.002	17.15
6/8/2013 22:00	33952	18.7	159.2	8.3	31.42	10.64	160.8	16.61	20.68	85.3	85	38.88	39.88	0	0.255	26.2	9.43	0.001	11.39
6/8/2013 23:00	33953	18.34	156.6	10.71	31.42	10.47	158.1	17.82	20.68	82.3	82	46.24	46.49	0	0.074	26.22	9.43	0	14.24
6/9/2013 0:00	33954	12.54	154.1	11.56	24.26	7.17	155.7	18.13	18.89	79.69	79.29	52.05	51.63	0	0.064	26.26	9.43	0	11.94
6/9/2013 1:00	33955	14.81	176.5	16.03	34.99	8.64	179.1	21.65	24.26	78.27	78.03	56.08	54.85	0	0.082	26.22	9.43	0	11.51
6/9/2013 2:00	33956	10.97	183.6	14.44	18.89	6.53	186.3	20.21	15.31	76.56	76.18	61.43	59.73	0	0.074	26.22	9.43	0	11.56
6/9/2013 3:00	33957	10.34	150.9	11.97	17.1	5.863	151.8	18.52	13.52	74.85	74.3	66.31	64.06	0	0.055	26.21	9.44	0.002	11.55
6/9/2013 4:00	33958	7.766	126.4	14.59	15.31	4.448	125.1	23.29	11.74	73.6	72.98	69.14	66.54	0	0.049	26.2	9.44	0.001	15.21
6/9/2013 5:00	33959	10.98	99.3	14.73	22.47	6.704	95	22.5	17.1	72.48	72.06	72.81	69.25	0	0.041	26.21	9.44	0	15.24
6/9/2013 6:00	33960	15.11	89.7	9.27	27.84	9.2	85.8	19.37	17.1	72.08	71.75	74.31	70.25	0	0.035	26.23	9.44	0	15.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/9/2013 7:00	33961	18.85	90.6	10.74	29.63	11.33	87.2	20.46	24.26	71.17	70.97	79.69	74.53	0	3.049	26.26	9.44	0	11.74
6/9/2013 8:00	33962	17.22	107	11.21	29.63	10.71	106.7	22.82	20.68	70.43	70.39	83	77.24	0	73.32	26.28	9.44	0	17.07
6/9/2013 9:00	33963	20.96	116	10.28	34.99	12.64	115.1	21.49	24.26	71.55	72.09	77.91	72.13	0	210.9	26.31	9.43	-0.001	11.63
6/9/2013 10:00	33964	19.74	129.4	13.92	31.42	11.72	130.1	22.64	22.47	73.18	74.28	72.63	67.16	0	410.9	26.35	9.43	-0.001	11.58
6/9/2013 11:00	33965	15.56	143.2	13.89	26.05	9.55	145	20.42	18.89	78.47	80.5	56.72	53.17	0	677.2	26.38	9.43	-0.001	12.07
6/9/2013 12:00	33966	12.57	139.9	16.57	22.47	7.999	140.2	24.28	15.31	82.9	85.4	44.51	42.83	0	848	26.41	9.43	-0.001	11.6
6/9/2013 13:00	33967	11.01	125.2	20.66	20.68	7.416	125.2	31.11	15.31	86.9	89.4	33.95	33.36	0	955	26.43	9.43	0.003	12.94
6/9/2013 14:00	33968	12.23	110.5	21.61	24.26	8.11	108.4	30.16	18.89	89.1	91.9	30.32	29.71	0	1005	26.44	9.43	0	11.48
6/9/2013 15:00	33969	11.14	114.4	26.46	24.26	7.349	115.5	36.67	17.1	90.3	92.9	27.99	27.35	0	1003	26.44	9.43	0	11.56
6/9/2013 16:00	33970	12.69	115	19.61	24.26	8.35	114.3	29.13	18.89	91.3	94.1	26.32	25.49	0	943	26.43	9.43	0	12.96
6/9/2013 17:00	33971	12.61	122.8	22.33	22.47	8.25	124.1	32.08	18.89	92	94.5	23.92	23.16	0	821	26.42	9.43	0	11.41
6/9/2013 18:00	33972	14.56	107.8	16.51	27.84	9.26	105.5	25.77	18.89	90.8	93	27.73	27.12	0	651.4	26.41	9.43	-0.003	15.06
6/9/2013 19:00	33973	13.94	108.7	15.88	24.26	8.77	107.4	26.08	18.89	89.9	91.5	29.14	28.78	0	454.1	26.4	9.44	0.004	12.46
6/9/2013 20:00	33974	14.13	103.2	11.95	24.26	8.92	100	22.73	18.89	89	89.5	29.05	29.31	0	247.5	26.39	9.43	-0.003	15.26
6/9/2013 21:00	33975	12.57	107.1	12.55	22.47	7.804	104.9	23.01	15.31	87	87	30.83	31.54	0	59.76	26.39	9.43	0.001	11.5
6/9/2013 22:00	33976	9.9	124.9	8.23	15.31	5.589	123	18.06	11.74	83.3	82.5	31.19	32.29	0	0.484	26.4	9.43	0	16.67
6/9/2013 23:00	33977	10.82	126.3	7.436	15.31	6.003	126.4	17.91	11.74	80.9	79.92	31.62	32.57	0	0.052	26.4	9.43	0	12.89
6/10/2013 0:00	33978	10.74	136.7	8.4	17.1	6.059	137.2	16.88	9.95	79.28	78.35	33.74	34.43	0	0.049	26.41	9.43	0	11.56
6/10/2013 1:00	33979	11.56	138.2	7.848	18.89	6.691	139.4	16.48	13.52	77.49	76.72	44.59	44.68	0	0.053	26.4	9.43	0.001	12.26
6/10/2013 2:00	33980	10.24	147.4	8.49	15.31	5.659	148.6	16.53	9.95	75.68	74.96	52.51	51.79	0	0.05	26.39	9.44	0.001	11.5
6/10/2013 3:00	33981	8.99	151.2	8.01	13.52	4.888	150.2	15.67	9.95	73.77	72.92	57.63	56.29	0	0.039	26.38	9.44	0.001	15.37
6/10/2013 4:00	33982	8.52	154.5	7.739	13.52	4.567	154.1	16.05	9.95	72.3	71.45	63.16	60.97	0	0.034	26.36	9.44	0	11.67
6/10/2013 5:00	33983	5.674	150	8.06	8.16	1.936	137.5	12.26	4.578	70.15	68.37	70.15	68.46	0	0.034	26.35	9.43	-0.003	11.73
6/10/2013 6:00	33984	5.825	152.9	14.47	8.16	1.837	132.1	19.61	4.578	69.26	66.68	73.91	73.29	0	0.021	26.35	9.43	0	11.71
6/10/2013 7:00	33985	6.549	155.7	15.1	9.95	2.751	150.6	23.68	6.368	68.51	66.7	77.58	75.13	0	3.168	26.35	9.43	0	11.78
6/10/2013 8:00	33986	7.48	159.6	11.24	15.31	4.119	159.6	17.94	8.16	70.52	70.12	77.35	72.4	0	104.2	26.37	9.44	0.003	16.35
6/10/2013 9:00	33987	12.15	170.2	10.78	20.68	7.142	172.7	18.74	13.52	73.97	74.97	73.2	67.42	0	302.3	26.41	9.43	-0.003	11.66
6/10/2013 10:00	33988	15.6	175.9	11.63	22.47	9.35	178.1	19.1	18.89	77.2	78.71	66.18	61.29	0	508.7	26.44	9.43	0	12.39
6/10/2013 11:00	33989	16.01	177.1	12.45	24.26	9.96	179.5	19.57	18.89	80.5	82.4	57.82	54.01	0	692.7	26.46	9.43	0	16.89
6/10/2013 12:00	33990	16.44	175.2	14.05	26.05	10.2	178.2	20.74	18.89	84.7	86.9	44.33	42.67	0	864	26.47	9.43	-0.001	11.56
6/10/2013 13:00	33991	15.65	182.5	15.82	29.63	9.89	185.9	22.7	24.26	89.3	91.6	29.43	28.61	0	982	26.48	9.43	0.003	11.47
6/10/2013 14:00	33992	14.05	181.3	16.98	24.26	9.1	185.4	22.85	18.89	92.2	94.7	22.73	21.62	0	1030	26.47	9.43	0	11.56
6/10/2013 15:00	33993	11.05	171.5	33.74	27.84	7.449	175.1	39.9	36.78	94.8	96.9	18.93	18.13	0	1024	26.46	9.43	0	16.14
6/10/2013 16:00	33994	10.7	164.2	38.2	22.47	7.308	168.9	45.03	17.1	95.9	98.1	17.88	17.04	0	962	26.45	9.43	0	11.41
6/10/2013 17:00	33995	11.27	164.2	31.24	27.84	7.403	167	37.4	17.1	96.2	98.2	17.15	16.31	0	834	26.43	9.43	0	16.86
6/10/2013 18:00	33996	11.52	155.4	22.87	22.47	7.401	158.7	29.24	20.68	96.3	98.1	15.99	15.15	0	663.6	26.42	9.43	0	11.38
6/10/2013 19:00	33997	14.46	147.4	14.92	24.26	8.92	148.9	22.37	17.1	95.4	96.9	16.38	15.48	0	464.8	26.4	9.43	0	13.32
6/10/2013 20:00	33998	14.71	155	12.96	22.47	8.67	157.8	18.92	18.89	94	94.3	17.98	17.54	0	252.9	26.4	9.43	-0.003	11.3
6/10/2013 21:00	33999	13.22	153.4	8.77	20.68	7.578	154.8	16.1	15.31	90.7	90.5	21.34	21.33	0	59.31	26.39	9.43	0.001	16.53
6/10/2013 22:00	34000	9.88	140.2	7.742	15.31	5.453	140.1	16.3	9.95	85.9	84.8	25.39	26.06	0	0.321	26.39	9.43	0	16.8
6/10/2013 23:00	34001	10.56	139.9	7.688	17.1	5.964	140.7	16	11.74	83.1	81.9	28.94	29.67	0	0.049	26.4	9.43	0	11.43
6/11/2013 0:00	34002	11.73	142	7.545	18.89	6.684	143.1	15.69	13.52	81.1	80	30.41	30.96	0	0.047	26.41	9.43	0	11.4
6/11/2013 1:00	34003	12.31	153.1	8.34	24.26	6.84	153.9	16.04	13.52	78.84	77.91	34.64	35.17	0	0.044	26.4	9.43	0.001	16.9
6/11/2013 2:00	34004	13.33	171.1	9.5	20.68	7.584	173.4	17.33	17.1	77.84	77.05	42.15	42.41	0	0.042	26.39	9.44	0.001	12.38
6/11/2013 3:00	34005	10.36	174.8	8.62	18.89	5.755	177.2	17.31	13.52	75.33	74.49	49.9	49.43	0	0.034	26.38	9.44	0.001	14.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/11/2013 4:00	34006	6.62	168.8	7.937	9.95	2.758	168.9	14.95	6.368	71.95	70.4	57.42	56.77	0	0.022	26.37	9.43	-0.003	16.37
6/11/2013 5:00	34007	5.701	170.1	15.43	9.95	2.027	158.2	26.63	6.368	69.38	67.06	64	63.6	0	0.012	26.35	9.43	0	11.69
6/11/2013 6:00	34008	7.525	165.1	7.486	11.74	3.424	165.7	15.28	8.16	68.35	66.84	69.09	66.7	0	0.009	26.34	9.43	0	11.75
6/11/2013 7:00	34009	7.029	155.2	8.67	11.74	3.288	152.5	16.37	8.16	68.14	66.52	73.39	70.6	0	3.071	26.35	9.43	0	11.75
6/11/2013 8:00	34010	8.76	159.5	9.66	18.89	4.832	159.5	17.45	13.52	70.07	69.56	72.9	68.58	0	109.4	26.36	9.43	0	13.14
6/11/2013 9:00	34011	16.25	168.6	9.78	26.05	9.35	170.8	17.92	18.89	75.13	75.8	63.36	59.69	0	311.6	26.39	9.43	0.001	11.54
6/11/2013 10:00	34012	17.81	174.3	11.95	26.05	10.58	176.1	19.37	20.68	78.91	80.2	54.51	51.71	0	519.6	26.43	9.43	-0.001	16.58
6/11/2013 11:00	34013	14.25	185.9	14.59	22.47	9.12	189.4	20.16	17.1	82.1	83.8	47.49	45.38	0	705.7	26.45	9.43	0	16.69
6/11/2013 12:00	34014	13.55	187.2	15.7	22.47	8.88	189.8	20.3	17.1	85.3	87.2	39.38	38.28	0	875	26.46	9.43	-0.001	16.29
6/11/2013 13:00	34015	13.61	190.8	20.18	29.63	9.12	193.3	26	24.26	87.7	89.9	33.94	32.74	0	982	26.48	9.43	0	16.98
6/11/2013 14:00	34016	12.6	183.7	20	22.47	8.39	188	25.35	18.89	90.6	92.9	29.32	28.26	0	1032	26.47	9.43	0.003	11.55
6/11/2013 15:00	34017	12.97	164.2	23.86	22.47	8.33	167	29.83	17.1	92.9	95.6	24.15	23	0	1031	26.46	9.43	-0.003	16.81
6/11/2013 16:00	34018	14.36	157.1	18.98	27.84	9.15	158.5	25.28	20.68	94.1	96.7	21.39	20.22	0	970	26.44	9.43	0.003	16.77
6/11/2013 17:00	34019	14.64	152.8	16.37	24.26	9.02	154.9	23.32	18.89	95	97.5	19	17.88	0	850	26.43	9.43	0	16.97
6/11/2013 18:00	34020	15.13	157.5	15.74	26.05	9.3	159.4	22.5	20.68	95.2	97.2	19.02	18.06	0	675.1	26.41	9.43	0	16.9
6/11/2013 19:00	34021	15.26	160.3	13.18	26.05	9.14	162.3	20.58	18.89	94.4	95.9	19.08	18.16	0	476	26.39	9.43	-0.003	13.76
6/11/2013 20:00	34022	15.85	157.4	12.64	24.26	9.2	159.2	19.89	17.1	92.9	93.4	20.44	20.03	0	263.4	26.39	9.43	0	16.79
6/11/2013 21:00	34023	15.28	156.1	9.52	24.26	8.77	157.8	17.03	17.1	89.9	89.7	22.72	22.67	0	65.68	26.39	9.43	0.001	12.63
6/11/2013 22:00	34024	11.48	154.5	7.42	18.89	6.474	155.3	16.2	13.52	85.4	84.6	27.23	27.6	0	0.43	26.39	9.43	0	16.61
6/11/2013 23:00	34025	12.83	155.2	8.63	24.26	7.04	156	16.56	15.31	82.5	81.6	33.84	34.45	0	0.05	26.39	9.43	0	11.53
6/12/2013 0:00	34026	14.24	165.7	8.25	24.26	7.828	166.7	16.7	17.1	80.9	80.3	39.92	40.65	0	0.061	26.4	9.43	0.001	16.02
6/12/2013 1:00	34027	11.6	172	8.16	27.84	6.417	173.8	17.2	18.89	78.39	77.56	45.87	46.06	0	0.047	26.4	9.43	0	17.01
6/12/2013 2:00	34028	10.46	179.3	8.25	15.31	5.902	181.4	16.55	11.74	76.01	75.18	52.18	51.58	0	0.038	26.38	9.44	0.001	16.42
6/12/2013 3:00	34029	10.62	175.1	8.65	20.68	5.975	177.1	17.28	15.31	73.95	73.22	60.72	58.67	0	0.035	26.37	9.44	0.001	15.88
6/12/2013 4:00	34030	10.39	174.7	9.23	18.89	5.952	177.7	17.18	11.74	71.59	71.01	73.17	69.14	0	0.03	26.37	9.44	0	12.55
6/12/2013 5:00	34031	11.07	166.3	9.51	18.89	6.23	168.7	17.26	11.74	69.93	69.35	77.06	72.54	0	0.023	26.35	9.43	-0.003	11.68
6/12/2013 6:00	34032	11.21	162.8	9.84	17.1	6.298	163.9	17.84	11.74	68.57	68.02	80.1	74.92	0	0.02	26.35	9.43	0	11.71
6/12/2013 7:00	34033	7.682	172.2	10.87	13.52	4.126	174.4	18.7	9.95	66.98	66.23	84.8	79.12	0	3.527	26.36	9.43	0	11.65
6/12/2013 8:00	34034	7.876	168.8	13.01	15.31	4.465	170.7	20.14	11.74	67.8	67.58	84	77.52	0	101.7	26.37	9.42	-0.01	11.31
6/12/2013 9:00	34035	12.59	164.9	10.57	18.89	7.415	166.5	18.54	15.31	71.16	72.1	76.99	70.3	0	300.5	26.4	9.43	0.009	12.71
6/12/2013 10:00	34036	15.47	162.1	10.5	22.47	9.2	163.3	18.09	17.1	75.27	76.85	66.34	61.14	0	515	26.43	9.43	0.001	12.59
6/12/2013 11:00	34037	14.81	173.5	13.51	22.47	9.26	176	20.18	18.89	79.29	81.2	56.59	52.77	0	704.8	26.44	9.43	0	16.95
6/12/2013 12:00	34038	13.85	171.5	15.54	24.26	8.81	174.1	21.83	18.89	83	85.2	49.13	46.39	0	873	26.46	9.43	0	12.25
6/12/2013 13:00	34039	13.24	163.6	18.15	22.47	8.42	165.9	24.78	15.31	86.3	88.8	41.51	39.83	0	986	26.47	9.43	-0.001	15.61
6/12/2013 14:00	34040	12.27	142.8	18.88	20.68	8.03	144.7	27.19	17.1	89.6	92.5	34.69	33.55	0	1035	26.48	9.43	0	11.51
6/12/2013 15:00	34041	11.76	140.6	28.21	20.68	7.727	141.4	35.78	17.1	92	94.7	29.43	28.61	0	1024	26.47	9.43	0	16.22
6/12/2013 16:00	34042	11.7	139.7	19.15	22.47	7.596	142.1	28.73	17.1	93.3	96	26.41	25.48	0	959	26.46	9.43	0.003	11.39
6/12/2013 17:00	34043	11.78	125.7	20.92	22.47	7.651	126.7	30.25	17.1	94.5	97	24.76	24.1	0	834	26.44	9.43	-0.003	11.27
6/12/2013 18:00	34044	13.93	132.6	21.93	24.26	8.8	134	29.14	18.89	94.3	96.6	25.38	24.7	0	660.7	26.43	9.43	0	14.72
6/12/2013 19:00	34045	14.68	132.8	16.45	26.05	9.12	134.8	24.56	20.68	93.1	94.8	26.64	26.16	0	463.3	26.41	9.43	0	11.34
6/12/2013 20:00	34046	15.27	139.2	11.75	26.05	9.12	141.2	19.6	20.68	91	91.7	32.07	32.3	0	247.5	26.41	9.43	0	14.7
6/12/2013 21:00	34047	15.2	145.3	10.53	24.26	8.98	147.7	17.09	17.1	87.4	87.5	37.93	38.62	0	57.69	26.42	9.43	0.001	16.33
6/12/2013 22:00	34048	12.88	143.8	10.55	22.47	7.448	145.1	18.57	15.31	83.4	83	43.55	44.21	0	0.335	26.41	9.43	0	16.09
6/12/2013 23:00	34049	9.89	142.4	7.854	17.1	5.692	144.1	15.65	11.74	81	80.4	47.6	47.88	0	0.05	26.43	9.43	0.001	16.92
6/13/2013 0:00	34050	8.8	143.2	7.756	13.52	5.01	143.9	15.57	9.95	78.63	77.84	52.16	51.93	0	0.046	26.44	9.43	0.001	13.13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/13/2013 1:00	34051	7.732	140.5	8.18	17.1	4.045	138.4	16.38	9.95	76.82	75.83	56.39	55.87	0	0.033	26.44	9.44	0.001	11.42
6/13/2013 2:00	34052	7.364	138.8	7.184	9.95	3.711	137.2	15.29	6.368	74.61	73.42	61.59	60.52	0	0.024	26.42	9.44	0.001	12.76
6/13/2013 3:00	34053	7.272	138.1	6.912	11.74	3.744	135.8	16.36	8.16	73.37	72.24	65.59	63.86	0	0.024	26.41	9.44	0	16.85
6/13/2013 4:00	34054	6.701	132.2	7.288	9.95	3.294	127.9	16.67	6.368	72.18	70.95	69.15	67.07	0	0.013	26.39	9.43	-0.003	13.05
6/13/2013 5:00	34055	6.872	122.9	7.556	9.95	3.584	116	18.48	6.368	71.11	69.94	72.48	69.75	0	0.014	26.39	9.42	-0.013	14.54
6/13/2013 6:00	34056	6.887	115.9	9	11.74	3.605	110.7	20.43	8.16	70.55	69.55	74.78	71.4	0	0.012	26.39	3.96	-5.46	16.82
6/13/2013 7:00	34057	6.46	107.6	8.12	9.95	3.526	102.2	18.74	6.368	69.54	68.54	77.05	73.21	0	2.803	26.41	4.059	0.098	11.47
6/13/2013 8:00	34058	8.46	122.7	10.24	13.52	5.037	121.9	21.07	9.95	70.45	70.42	78.11	72.6	0	94.5	26.42	4.363	0.304	11.69
6/13/2013 9:00	34059	13.95	148.8	11.67	20.68	8.29	149.8	18.25	15.31	72.34	72.99	77.47	71.38	0	182.6	26.45	1.29	-3.073	11.66
6/13/2013 10:00	34060	13.55	147.8	12.13	22.47	8.2	149.5	19.38	17.1	74.49	75.74	72.86	66.91	0	342.4	26.47	1.078	-0.213	11.68
6/13/2013 11:00	34061	13.48	144.6	14.31	24.26	8.5	146.4	21.38	18.89	77.54	79.84	65.36	59.65	0	684.4	26.49	0.643	-0.434	12.36
6/13/2013 12:00	34062	14.26	145.4	14.57	27.84	8.95	146.9	22.07	18.89	80.3	82.9	58.71	53.87	0	820	26.51	-0.304	-0.948	11.47
6/13/2013 13:00	34063	13.73	143.9	18.97	24.26	8.78	146.1	25.61	18.89	83.6	86.5	51.02	47.38	0	947	26.51	-0.713	-0.409	11.4
6/13/2013 14:00	34064	14.25	142.9	18.17	26.05	9.04	144.4	25.59	18.89	86.2	88.8	44.6	42.56	0	825	26.5	-0.409	0.304	15.96
6/13/2013 15:00	34065	14.99	139.9	16.78	26.05	9.41	141.4	24.14	18.89	88.7	91.8	38.82	37.28	0	1038	26.48	-0.818	-0.409	16.69
6/13/2013 16:00	34066	15.27	130.4	17.98	33.21	9.6	131.2	26.87	24.26	89.4	92.1	35.66	34.57	0	739.7	26.46	9.43	10.25	16.99
6/13/2013 17:00	34067	14.97	139.2	18.26	26.05	9.38	142.3	24.55	18.89	90.3	92.7	33.48	32.62	0	716.3	26.44	9.43	-0.003	14.54
6/13/2013 18:00	34068	16.21	136.8	14.18	26.05	10.03	138.1	21.64	18.89	90.6	92.9	32.63	31.76	0	614.8	26.42	9.43	0	16.64
6/13/2013 19:00	34069	14.07	140.7	13.97	26.05	8.41	142.6	21.33	17.1	87.9	87.9	37.51	41.53	0.01	327.4	26.39	9.43	0.001	11.48
6/13/2013 20:00	34070	15.87	150	11.21	26.05	9.27	152.6	17.94	20.68	87.5	87.6	35.35	36.98	0	161.1	26.38	9.43	0	11.41
6/13/2013 21:00	34071	13.19	127.6	19.33	22.47	7.789	127.1	27.51	15.31	84.9	84.8	40.02	41.02	0	68.15	26.39	9.43	0	15.39
6/13/2013 22:00	34072	11.14	110.6	10.15	38.57	6.718	108.7	21.98	26.05	82.5	81.9	45.24	46.05	0	0.321	26.39	9.43	0	12.66
6/13/2013 23:00	34073	24.43	143	10.08	40.36	14.51	145.2	17.69	29.63	72.92	73.05	71.81	67.21	0	0.074	26.42	9.43	0.001	11.58
6/14/2013 0:00	34074	13.67	159.8	17.4	27.84	7.959	161.8	23.46	18.89	70.03	70.14	84.2	77.79	0.06	0.032	26.43	9.43	-0.001	17.02
6/14/2013 1:00	34075	10.48	212.7	13.04	18.89	7.026	214.9	16.04	13.52	68.27	68.14	92.7	86.8	0	0.025	26.38	9.43	0	11.69
6/14/2013 2:00	34076	7.904	161.3	35.7	15.31	4.777	162.1	39.69	9.95	68.07	67.86	93.5	88	0.01	0.02	26.39	9.43	0	11.64
6/14/2013 3:00	34077	8.9	149.2	11.94	13.52	5.111	149.8	18.42	9.95	68.64	68.31	91.7	87.3	0	0.03	26.39	9.43	0	13.09
6/14/2013 4:00	34078	5.582	165.5	8.52	8.16	3.027	167	15.84	6.368	67.88	67.59	94.6	88.8	0	0.02	26.35	9.43	0	12.15
6/14/2013 5:00	34079	4.629	147	23.54	8.16	2.377	142.6	26.21	6.368	67.49	67.23	95.7	90.5	0	0.032	26.35	9.43	0	11.71
6/14/2013 6:00	34080	6.76	137.3	10.53	11.74	4.053	138	17.92	8.16	67.79	67.56	94.9	90.9	0	0.046	26.36	9.43	0	12.15
6/14/2013 7:00	34081	5.287	141.9	13.62	9.95	2.979	142.3	18.95	6.368	67.89	67.64	95	90.6	0	1.672	26.37	9.43	0	11.57
6/14/2013 8:00	34082	4.939	117.4	11.68	8.16	3.002	115.6	20.3	6.368	68.37	68.26	94.9	90.8	0	39.75	26.37	9.43	0	11.76
6/14/2013 9:00	34083	6.132	124	10.75	11.74	3.896	123.1	20.79	9.95	69.56	69.76	90.9	86.7	0	115	26.38	9.43	0	17.02
6/14/2013 10:00	34084	9.04	130	12.43	13.52	5.638	130	21.3	11.74	71.27	72.15	83.7	78.29	0	235.4	26.41	9.43	-0.001	11.68
6/14/2013 11:00	34085	9.8	139	11.76	17.1	6.15	140.5	19.28	11.74	72.35	73.37	78.45	73.24	0	322.9	26.42	9.42	-0.015	11.41
6/14/2013 12:00	34086	11.97	145.9	15.91	18.89	7.491	146.9	22.61	13.52	74.54	76.27	70.47	65.57	0	519.2	26.43	9.43	0.016	15.83
6/14/2013 13:00	34087	11.36	118.4	13.73	20.68	7.227	116.9	24.63	15.31	74.27	76.26	71.65	66.02	0	508.2	26.44	9.43	0	11.65
6/14/2013 14:00	34088	13.03	129	19.25	26.05	8.14	128.6	26.71	18.89	74.61	76.36	70.25	64.95	0	458	26.43	9.43	0	14.77
6/14/2013 15:00	34089	16.08	132.4	10.58	24.26	10.11	133.5	19.92	17.1	73.92	76.5	74.52	67.66	0	889	26.41	9.43	0	11.39
6/14/2013 16:00	34090	16.88	138.4	13.09	24.26	10.43	139.3	21.16	18.89	76.77	79.24	65.45	59.72	0	789.1	26.4	9.43	0	11.66
6/14/2013 17:00	34091	13.93	140.2	15.35	24.26	8.76	141.6	22.48	17.1	79.73	82.5	56.12	51.87	0	812	26.4	9.43	0	11.62
6/14/2013 18:00	34092	15.66	142.5	14.72	26.05	9.66	143.2	21.81	18.89	80.2	82.6	55.39	51.47	0	623.5	26.39	9.43	0	14.15
6/14/2013 19:00	34093	13.75	144.5	11.96	22.47	8.31	146.4	19.02	17.1	79.17	80.2	55.54	53.1	0	215.8	26.36	9.43	0.001	16.78
6/14/2013 20:00	34094	12.46	137.2	11.96	22.47	7.432	137.9	20.22	15.31	78.83	79.32	57.23	55.25	0	109.2	26.35	9.43	0	11.63
6/14/2013 21:00	34095	11.71	144.4	16.54	18.89	6.751	145.6	22.48	13.52	76.16	75.8	65.84	65.3	0.01	24.43	26.36	9.43	0	11.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/14/2013 22:00	34096	12.41	131.1	9.34	20.68	7.152	131.5	18.6	13.52	73.19	72.6	74.6	72.19	0	0.265	26.35	9.44	0.003	11.61
6/14/2013 23:00	34097	11.84	142.6	8.7	18.89	7.15	143.5	16.72	13.52	72.11	71.85	75.87	72.21	0	0.048	26.38	9.44	0	11.55
6/15/2013 0:00	34098	12.9	153.1	10.29	20.68	7.536	153.4	16.77	15.31	70.17	69.94	80.7	75.71	0	0.041	26.39	9.44	0	11.72
6/15/2013 1:00	34099	7.67	172.5	21.31	18.89	4.526	174.2	25.58	13.52	69.19	69	83.7	78.15	0	0.03	26.4	9.44	0	11.65
6/15/2013 2:00	34100	10.45	169.7	46.96	20.68	6.239	169	50.22	15.31	68.26	68.01	87	81.7	0.09	0.078	26.38	9.43	-0.003	16.69
6/15/2013 3:00	34101	9.38	114.7	23.59	20.68	5.412	110.3	31.59	15.31	67.03	66.58	92.4	86.9	0	0.064	26.34	9.43	0	16.87
6/15/2013 4:00	34102	3.978	175.1	82.9	8.16	2.086	222.7	75.96	6.368	66.95	66.53	93.7	88.1	0.01	0.113	26.35	9.43	0	16.92
6/15/2013 5:00	34103	3.891	164.2	14.23	8.16	0.712	172.4	13	4.578	66.12	65.07	94.8	90.1	0	0.257	26.33	9.43	0	15.2
6/15/2013 6:00	34104	4.685	147.9	15.77	8.16	1.718	146.4	16.92	4.578	65.42	64.45	96.2	91.9	0	0.379	26.32	9.43	0	15.32
6/15/2013 7:00	34105	6.094	168.5	19.33	11.74	3.079	170.2	25.31	6.368	65.05	64.42	97.2	93.2	0	1.916	26.34	9.43	0	15.37
6/15/2013 8:00	34106	5.103	174	13.42	9.95	2.932	177.5	19.26	6.368	65.91	65.67	97.3	93.9	0	42.69	26.36	9.43	0	15.2
6/15/2013 9:00	34107	4.739	152.5	22.36	9.95	2.861	151.8	26.31	6.368	67.58	67.52	93.6	92.3	0	130.3	26.39	9.43	0	11.68
6/15/2013 10:00	34108	5.699	186.9	32.35	11.74	4.083	189.9	35.4	9.95	70.74	71.33	84.2	79.93	0	309.8	26.41	9.43	0.002	11.78
6/15/2013 11:00	34109	6.54	105.2	17.67	158.4	4.687	101.5	21.25	119.1	75.4	77.69	68.26	64.19	0	790.2	26.43	9.43	9.43	13.6
6/15/2013 12:00	34110	5.799	151.4	43.61	11.74	4.264	151.2	50.41	9.95	78.19	79.65	61.63	59.23	0	832	26.45	9.43	0	11.43
6/15/2013 13:00	34111	6.75	128.8	34.64	15.31	4.949	127.5	45.13	11.74	80.3	82	54.28	53.02	0	912	26.47	9.44	0.002	15.41
6/15/2013 15:00	34112	5.36	68.75	68.15	56.47	4.025	59.99	68.62	47.52	88.6	89.7	36.65	38.71	0	984	26.44	9.43	9.43	11.24
6/15/2013 16:00	34113	6.381	144.2	75.09	20.68	4.76	155.4	77.39	15.31	89.6	90.7	34.94	36.05	0	933	26.43	9.43	0	17.01
6/15/2013 17:00	34114	6.833	145.3	36.08	17.1	4.773	146.4	43.46	15.31	91.1	92.5	32.45	33.09	0	811	26.41	9.43	0	11.37
6/15/2013 18:00	34115	5.749	129.8	56.45	17.1	4.123	127.5	62.72	13.52	92.3	93.1	29.77	31.04	0	616.9	26.4	9.43	0	11.25
6/15/2013 19:00	34116	6.919	136.1	34.97	13.52	4.591	136.8	42.97	9.95	89.8	90.5	32.21	33.21	0	227.2	26.38	9.43	-0.003	11.3
6/15/2013 20:00	34117	8.58	136.3	13.1	15.31	5.367	138.5	20.61	9.95	88.9	89.2	32.8	33.95	0	166.9	26.36	9.43	0.001	12
6/15/2013 21:00	34118	9.32	133.3	11.56	33.21	5.508	133.8	20.04	18.89	-7999	87.7	34.59	35.98	0	77.77	26.36	9.43	0	12.59
6/15/2013 22:00	34119	6.875	127.1	6.093	11.74	3.302	122.6	16.21	6.368	82.7	81.2	43.14	46.11	0	0.732	26.36	9.43	0	12.96
6/15/2013 23:00	34120	9.11	132.1	8.78	17.1	4.808	129.2	18.09	13.52	80	78.74	50.48	51.88	0	0.047	26.36	9.43	0.001	16.82
6/16/2013 0:00	34121	11.93	168.4	9.98	20.68	6.757	169.5	17.86	17.1	78.57	77.99	60.01	58.99	0	0.057	26.38	9.43	0	11.5
6/16/2013 1:00	34122	10.81	170.2	8.52	24.26	5.989	171.3	17.51	11.74	75.93	75.33	67.26	65.35	0	0.054	26.37	9.43	0.001	13.01
6/16/2013 2:00	34123	9.23	171.2	7.967	17.1	5.008	172.9	16.83	9.95	74.04	73.36	71.79	69.14	0	0.049	26.37	9.44	0.001	16.71
6/16/2013 3:00	34124	7.483	174.9	8.15	11.74	3.961	176.7	16.45	8.16	72	71.2	78.13	74.56	0	0.033	26.35	9.44	0	11.57
6/16/2013 4:00	34125	5.912	175.8	11.11	8.16	2.544	177.3	16.98	6.368	70.01	68.95	84.9	80.4	0	0.02	26.34	9.43	-0.003	14.93
6/16/2013 5:00	34126	5.768	148.4	22.86	8.16	2.713	142.6	29.1	4.578	68.61	67.63	92.3	86.5	0	0.028	26.33	9.43	0	11.67
6/16/2013 6:00	34127	5.161	320.1	69.54	9.95	3.14	318.6	53.42	6.368	67.69	67.14	95.9	89.2	0	0.045	26.36	9.43	0	13.2
6/16/2013 7:00	34128	4.079	138.1	34.05	8.16	1.984	135.3	24.55	6.368	68.74	68.41	95.1	89.8	0	2.358	26.37	9.43	0	16.18
6/16/2013 8:00	34129	3.84	85.8	21.71	6.368	1.921	70.6	15.86	6.368	68.75	68.53	93.1	88.3	0	76	26.38	9.43	0	11.84
6/16/2013 9:00	34130	7.831	160.1	24.76	15.31	4.921	163.2	29.2	11.74	72.1	72.93	86.2	79.67	0	264	26.39	9.43	0.002	14.07
6/16/2013 10:00	34131	11.21	171.5	12.79	18.89	7.094	174.3	20.46	11.74	76.39	77.94	74.17	68.42	0	485.4	26.42	9.43	-0.002	11.45
6/16/2013 11:00	34132	7.139	172.4	32.08	15.31	4.886	175.5	37.56	11.74	81.5	83	61.14	57.99	0	666.2	26.45	9.43	0	17.11
6/16/2013 12:00	34133	7.186	166.4	28.93	15.31	5.013	171.1	36.75	11.74	85.5	87.2	51.75	50.15	0	831	26.48	9.43	0.002	16.95
6/16/2013 13:00	34134	9.87	152	22.73	20.68	6.655	153.1	29.87	17.1	88.1	90.3	44.19	43.29	0	943	26.49	9.43	0	11.41
6/16/2013 14:00	34135	9.6	158	30.78	20.68	6.484	159.4	38.04	17.1	91	93.3	38.53	38.41	0	997	26.48	9.43	0	11.47
6/16/2013 15:00	34136	8.73	144.2	31.82	18.89	6.077	146.8	39.22	13.52	93.4	95.7	33.23	33.22	0	1018	26.47	9.43	0	16.92
6/16/2013 16:00	34137	9.39	131.3	42.45	18.89	6.508	130	49.21	15.31	94.3	96.8	30.96	30.94	0	933	26.45	9.43	0	11.85
6/16/2013 17:00	34138	8.74	136.3	26.15	22.47	5.807	138	34.13	15.31	94.2	95.8	29.67	30.04	0	458.3	26.44	9.43	0	11.27
6/16/2013 18:00	34139	6.951	128.1	20.58	15.31	4.41	126.8	27.13	9.95	91.7	91.8	31.22	32.52	0	57	26.41	9.43	-0.002	11.43
6/16/2013 19:00	34140	8.87	149.5	13.21	13.52	5.212	151.5	19.23	9.95	91	90.8	31.32	32.82	0	29.75	26.38	9.43	0.001	11.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/16/2013 20:00	34141	12.59	161	19.7	31.42	7.359	162.7	24.82	22.47	90	89.8	34.34	35.79	0	35.11	26.38	9.43	0	11.24
6/16/2013 21:00	34142	14.61	214.3	13.4	29.63	9.79	216.1	15.56	20.68	82.3	82.4	46.53	46.21	0	53.07	26.39	9.43	0	11.41
6/16/2013 22:00	34143	8.58	216.7	17.52	17.1	5.616	221.3	22.48	13.52	80.2	79.74	51.11	50.96	0	1.987	26.36	9.43	0.001	15.77
6/16/2013 23:00	34144	5.492	14.27	97.9	9.95	3.021	45.01	79.36	6.368	78.32	76.28	54.87	56.62	0	0.036	26.34	9.43	0.001	16.86
6/17/2013 0:00	34145	4.687	140.3	18.29	13.52	1.641	131.9	18.57	6.368	76.08	74.27	59.54	60.42	0	0.033	26.35	9.43	-0.002	15.76
6/17/2013 1:00	34146	3.479	189.1	30.51	8.16	1.506	171.8	38.08	4.578	75.67	74.05	59.92	60.55	0	0.04	26.36	9.44	0.003	11.55
6/17/2013 2:00	34147	5.299	96.2	80.6	22.47	2.74	95.8	58.36	13.52	76.18	75.26	62.4	61.21	0	0.05	26.38	9.44	0	15.43
6/17/2013 3:00	34148	12.08	182.5	31.15	22.47	7.328	183.4	36.55	17.1	75.29	75.09	74.05	70.24	0	0.048	26.35	9.44	0	15.95
6/17/2013 4:00	34149	14.72	260.1	15.46	26.05	11.25	258.9	16.9	20.68	75.32	75.13	70.05	67.28	0	0.054	26.38	9.44	0	16.66
6/17/2013 5:00	34150	12.74	308	21.93	24.26	9.66	308.6	23.05	18.89	74.11	73.53	62.62	62.23	0	0.041	26.35	9.44	0	16.34
6/17/2013 6:00	34151	6.869	20.79	56.84	15.31	4.225	17.25	61.04	13.52	77.78	75.4	43.05	48.62	0	0.046	26.3	9.44	0	11.36
6/17/2013 7:00	34152	8.88	136.4	20.23	20.68	4.984	137.8	29.44	15.31	72	71.21	76.78	72.74	0	1.584	26.31	9.44	0	11.7
6/17/2013 8:00	34153	6.148	211.9	28.95	13.52	4.062	214.1	26.32	8.16	70.79	70.55	88.7	82.4	0	68.27	26.34	9.44	0	17
6/17/2013 9:00	34154	4.944	220	50.37	9.95	3.59	218.8	48.61	8.16	72.14	72.37	88	81.6	0	89.7	26.38	9.44	0	11.68
6/17/2013 10:00	34155	4.356	143.9	46.67	8.16	2.882	146.5	50.13	6.368	75.78	76.52	77.62	73.13	0	311.7	26.4	9.43	-0.003	16.75
6/17/2013 11:00	34156	3.379	205.6	62.77	8.16	2.674	219.1	59.77	8.16	82.3	82.8	61.65	59.91	0	652	26.43	9.43	-0.001	16.09
6/17/2013 12:00	34157	4.758	83.5	58.1	15.31	3.36	87.7	63.85	11.74	87.1	88.6	47.19	47.78	0	829	26.46	9.43	0.002	15.69
6/17/2013 13:00	34158	7.139	104.4	38.88	15.31	5.036	101.4	48.21	11.74	89.3	91.7	41.55	41.93	0	936	26.47	9.43	0	11.46
6/17/2013 14:00	34159	9.55	132.2	27.58	22.47	6.455	134.1	36.28	15.31	91.5	94	37.36	37.26	0	987	26.46	9.43	0	13.36
6/17/2013 15:00	34160	9.26	142	33.07	18.89	6.364	145.5	41.33	15.31	93.8	96.2	33.94	33.81	0	1019	26.45	9.43	0	11.43
6/17/2013 16:00	34161	9.82	159.2	25.43	20.68	6.551	163.4	32.37	13.52	94.7	97.1	30.64	30.15	0	933	26.42	9.43	0	12.04
6/17/2013 17:00	34162	9.17	145.4	40.4	20.68	6.142	151.8	47.79	13.52	95.4	97.3	28.5	28.62	0	626	26.41	9.43	0	11.48
6/17/2013 18:00	34163	10.04	152.7	23.21	17.1	6.189	155.1	31.06	13.52	93.5	94.5	28.39	28.88	0	248.2	26.38	9.43	-0.003	15.44
6/17/2013 19:00	34164	10.92	162.2	14.26	17.1	6.412	165.4	20.96	13.52	92.6	93	28.83	29.86	0	104.5	26.35	9.44	0.004	11.44
6/17/2013 20:00	34165	14.47	146.2	90.6	40.36	8.97	139.6	91.4	33.21	76.59	73.82	59.07	65.48	0.59	4.458	26.35	9.37	-0.064	11.54
6/17/2013 21:00	34166	13.52	93	29.38	27.84	8.01	91.1	36.87	18.89	71.57	70.85	75.56	73.72	0	10.07	26.33	9.38	0.008	11.12
6/17/2013 22:00	34167	6.421	93.6	38.49	15.31	3.66	84.9	40.16	11.74	71.89	71.11	75.26	73.93	0	1.477	26.33	9.38	0.003	11.2
6/17/2013 23:00	34168	12.7	36.66	17.95	27.84	7.24	30.36	19.98	18.89	71.14	70.86	78.18	74.74	0	0.023	26.36	9.39	0.01	11.54
6/18/2013 0:00	34169	15.62	64.61	13.83	24.26	9.18	58.36	20.94	18.89	69.4	69.15	81.6	76.8	0	0.016	26.38	9.39	0.003	14.05
6/18/2013 1:00	34170	16.5	69.6	9.86	29.63	9.95	63.25	17.79	20.68	68.09	67.81	82.7	77.8	0	0.019	26.4	9.4	0.01	16.71
6/18/2013 2:00	34171	20.13	67.29	9.64	34.99	12.24	62.07	17.71	26.05	66.48	66.25	81.9	76.4	0	0.011	26.41	9.41	0.003	11.6
6/18/2013 3:00	34172	14.63	76.31	10.92	22.47	8.65	70.65	20.12	17.1	66.07	65.75	83.5	78.03	0	0.01	26.41	9.42	0.016	11.62
6/18/2013 4:00	34173	12.06	112.6	17.37	20.68	7.265	113.1	26.79	15.31	65.2	64.92	85.9	79.7	0	0.01	26.38	9.43	0.006	15.94
6/18/2013 5:00	34174	5.485	148.4	50.51	11.74	3.364	153.4	54.13	8.16	65.07	64.83	89.2	82.8	0	0.011	26.39	9.43	0.003	15.76
6/18/2013 6:00	34175	4.193	157	78.4	9.95	2.446	163.3	74.11	8.16	64.87	64.62	90.2	84.2	0	0.005	26.38	9.43	0	12.01
6/18/2013 7:00	34176	4.166	222	31.17	9.95	2.589	228.1	24.53	8.16	64.73	64.47	91.1	85.1	0	0.63	26.4	9.43	0	11.8
6/18/2013 8:00	34177	9.64	14.1	54.12	20.68	5.931	13.72	52.2	15.31	65.28	65.18	90	83.5	0	28.3	26.45	9.43	0	11.56
6/18/2013 9:00	34178	13.15	38.67	10.39	22.47	7.422	34.55	13.27	15.31	66.63	67.01	85.4	79.23	0	265.9	26.46	9.44	0.003	16.8
6/18/2013 10:00	34179	10.62	38.19	13.53	18.89	6.609	31.69	16.5	15.31	68.93	69.96	77.96	72.83	0	478.4	26.47	9.44	0	16.68
6/18/2013 11:00	34180	4.049	25.23	21.93	9.95	2.975	13.45	28	8.16	74.44	75.61	63.06	61.71	0	667.7	26.48	9.43	-0.003	11.62
6/18/2013 12:00	34181	2.694	6.02	74.11	6.368	2.165	346.9	65.63	6.368	81	81.7	49.25	50.7	0	835	26.51	9.43	0	16.48
6/18/2013 13:00	34182	4.213	359.4	70.04	9.95	3.33	347.2	63.94	8.16	84.1	84.7	40.73	43.54	0	950	26.52	9.43	-0.001	16.33
6/18/2013 14:00	34183	6.459	145.5	47.12	15.31	4.597	148.8	54.24	11.74	85.9	86.9	37.24	39.18	0	1001	26.51	9.43	0	15.11
6/18/2013 15:00	34184	6.407	136.9	48.11	15.31	4.584	140.8	57.03	11.74	87.4	88.6	35.83	37.38	0	1000	26.49	9.43	0	11.44
6/18/2013 16:00	34185	6.028	148.4	61.87	15.31	4.492	156.2	66.83	11.74	88.4	89.5	34.25	35.68	0	939	26.48	9.43	0.004	14.74

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/18/2013 17:00	34186	7.427	127.8	45.79	15.31	5.234	125.6	54.82	15.31	88.6	90	33.42	34.52	0	820	26.46	9.43	-0.003	13.86
6/18/2013 18:00	34187	8.88	129.6	23.75	18.89	6.071	129.8	33.11	17.1	88.2	89.8	36.89	37.53	0	667.1	26.44	9.43	0.001	15.26
6/18/2013 19:00	34188	11.45	131.1	18.04	18.89	7.32	132.1	28.05	15.31	87.3	88.6	37.52	38.19	0	444.3	26.41	9.43	0	11.51
6/18/2013 20:00	34189	10.96	139.3	15.33	22.47	6.706	140.9	22.39	15.31	87.5	87.8	34.97	36.34	0	241.8	26.39	9.43	0.001	11.45
6/18/2013 21:00	34190	10.19	128.9	10.21	17.1	6.085	129.7	19.12	11.74	86.1	85.9	37.18	39.25	0	62.51	26.38	9.43	0	11.43
6/18/2013 22:00	34191	12.03	99.8	9.62	20.68	7.681	96.9	20.92	15.31	80.8	80.4	50.32	50.62	0	0.685	26.36	9.43	0	11.53
6/18/2013 23:00	34192	11.72	99.6	9.27	18.89	7.512	96.5	20.24	13.52	77.79	77.37	56.17	55.57	0	0.044	26.35	9.43	0.001	11.55
6/19/2013 0:00	34193	11.36	99.7	8.98	18.89	7.307	96.7	20.07	13.52	76.18	75.72	59.41	58.31	0	0.043	26.35	9.44	0.001	11.59
6/19/2013 1:00	34194	11.54	105.8	9.27	18.89	7.261	103	20.94	15.31	75.47	74.99	60.79	59.56	0	0.053	26.35	9.44	0	11.62
6/19/2013 2:00	34195	10.84	113.8	8.52	17.1	6.394	112.4	20.95	13.52	74.33	73.78	63.07	61.52	0	0.049	26.34	9.44	0.001	14.16
6/19/2013 3:00	34196	11.27	125.5	8.32	17.1	6.537	126.3	18.53	11.74	73.37	72.79	66.08	64	0	0.048	26.33	9.44	0	11.59
6/19/2013 4:00	34197	9.96	120.8	8.8	15.31	5.827	119.7	19.17	11.74	72.39	71.81	69.99	67.31	0	0.042	26.32	9.44	0	12.12
6/19/2013 5:00	34198	8.61	124.6	8.02	11.74	4.949	123.5	17.76	8.16	71	70.35	74.55	71.16	0	0.032	26.31	9.44	0	11.75
6/19/2013 6:00	34199	6.903	118.3	10.64	11.74	3.671	114.2	20.71	8.16	69.64	68.91	79.35	75.43	0	0.028	26.3	9.43	-0.003	16.68
6/19/2013 7:00	34200	4.625	102.8	7.852	8.16	2.115	87	13.12	4.578	68.18	67.03	83.8	79.98	0	2.804	26.3	9.43	0	11.82
6/19/2013 8:00	34201	5.703	109.3	14.54	9.95	3.379	102.2	24.15	8.16	69.07	68.65	86.2	80.9	0	78.66	26.31	9.44	0.003	11.76
6/19/2013 9:00	34202	13.44	158.5	10.09	22.47	7.868	159.8	17.88	17.1	73.4	73.95	81.4	75.76	0	236.9	26.33	9.44	-0.001	12.25
6/19/2013 10:00	34203	16.06	163.2	10.68	24.26	9.48	164.7	18.03	17.1	76.77	77.82	71.33	66.94	0	439.6	26.36	9.43	-0.002	11.66
6/19/2013 11:00	34204	14.08	170.9	12.11	24.26	8.56	173.4	19.55	17.1	81	82.4	59.23	56.6	0	617.8	26.37	9.43	0	11.71
6/19/2013 12:00	34205	13.33	196.3	14.54	22.47	8.79	199.8	19.45	17.1	85.5	86.9	48.57	47.74	0	794	26.39	9.43	-0.001	11.83
6/19/2013 13:00	34206	11.86	177.9	18.12	20.68	7.716	181.1	23.18	15.31	89.1	90.8	41.58	41.72	0	916	26.4	9.43	0.003	11.59
6/19/2013 14:00	34207	12.73	164.8	16.41	24.26	8.03	166.3	23.11	18.89	92.3	94.3	35.42	35.76	0	958	26.39	9.43	0	12.43
6/19/2013 15:00	34208	14.49	163.2	14.88	26.05	8.87	165.6	21.39	18.89	94.7	96.8	30.55	30.93	0	962	26.37	9.43	0	12.28
6/19/2013 16:00	34209	13.22	174.1	17.15	26.05	8.34	176.6	51.14	17.1	95.1	96.2	27.4	28.41	0	446.6	26.35	9.43	-0.003	11.46
6/19/2013 17:00	34210	14.76	180	0.543	24.26	7.914	181.8	46.81	18.89	93.3	93.1	27.23	28.85	0.1	72.06	26.32	9.43	0.001	11.35
6/19/2013 18:00	34211	18.54	180.7	1.291	34.99	11.67	193.1	32.43	31.42	92.2	91.8	24.49	25.9	0	14.76	26.31	9.43	0	16.76
6/19/2013 19:00	34212	14.84	181.4	1.025	31.42	9.36	200.2	35.34	26.05	86	83.6	28.17	35.2	0	18.92	26.3	9.43	0	11.54
6/19/2013 20:00	34213	16.84	180.9	0.978	33.21	9.74	183.9	23.28	22.47	82.7	81.7	40.7	43.77	0	13.18	26.26	9.43	0.001	11.48
6/19/2013 21:00	34214	21.57	178.6	0.922	36.78	12.3	157	17	27.84	85.9	85.4	40.17	42.28	0	85.1	26.28	9.43	-0.001	11.57
6/19/2013 22:00	34215	24.15	177.2	0.497	38.57	13.94	156	16.01	27.84	84.3	83.8	42.42	43.84	0	3.033	26.32	9.43	0	11.66
6/19/2013 23:00	34216	20.66	177.3	0.368	34.99	12.29	143.9	17.03	26.05	82.5	82	48.21	48.73	0	0.067	26.36	9.43	0	16.65
6/20/2013 0:00	34217	17.03	177.5	0.133	27.84	10.03	128.5	20.59	18.89	80.6	80.1	53.23	53.11	0	0.074	26.38	9.43	0	15.67
6/20/2013 1:00	34218	12.64	177.9	0	34.99	7.252	127.7	21.55	15.31	78.32	77.64	55.38	55.14	0	0.059	26.37	9.43	0.001	16.54
6/20/2013 2:00	34219	10.16	178	0	15.31	5.808	127.5	21.31	11.74	76.24	75.43	58.87	58.3	0	0.049	26.34	9.44	0.001	10.56
6/20/2013 3:00	34220	8.88	179.4	0.664	15.31	5.016	186.3	26.83	11.74	73.84	72.95	64.06	62.79	0	0.042	26.35	9.44	0.001	17.07
6/20/2013 4:00	34221	8.48	179.2	0.607	15.31	4.903	187.4	22.24	9.95	73.35	72.68	69.06	66.64	0	0.043	26.35	9.44	0	11.44
6/20/2013 5:00	34222	4.709	179.4	0.343	13.52	2.846	325.9	74.12	9.95	73.25	72.34	72.52	70.39	0	0.048	26.34	9.43	-0.003	12.91
6/20/2013 6:00	34223	5.76	178.7	0.5	9.95	2.64	147.1	31.52	6.368	72.85	71.25	72.27	71.98	0	0.036	26.3	9.44	0.003	17
6/20/2013 7:00	34224	7.438	179.4	0.433	13.52	4.034	190.4	17.41	9.95	71.43	70.29	73.77	71.93	0	2.509	26.29	9.44	0	11.5
6/20/2013 8:00	34225	7.858	179.8	0	13.52	4.689	200.3	15.1	9.95	71.85	71.23	70.19	67.74	0	44.86	26.29	9.44	0	12.24
6/20/2013 9:00	34226	11.26	179.8	0.368	20.68	7.207	197	16.47	15.31	75.71	75.94	60.15	58.19	0	260.8	26.32	9.43	-0.002	16.79
6/20/2013 10:00	34227	14.16	179.4	0.655	20.68	8.58	186.4	16.91	15.31	77.91	78.44	55.28	53.74	0	332.3	26.36	9.43	-0.001	16.92
6/20/2013 11:00	34228	15.14	179.2	0.806	22.47	9.22	181.6	19.1	17.1	82.1	83.6	49.13	47.71	0	674.2	26.38	9.43	0	16.97
6/20/2013 12:00	34229	15.67	178.9	0.779	22.47	9.51	178.3	18.77	18.89	86	88	43.56	42.67	0	883	26.41	9.43	0	11.63
6/20/2013 13:00	34230	15.73	173.1	10.25	26.05	9.79	167.6	19.34	18.89	89.1	91.4	37.58	37.28	0	971	26.43	9.43	0.002	16.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/20/2013 14:00	34231	17.72	166.4	13.52	27.84	10.77	169.2	20.18	20.68	93.2	95.4	28.94	28.9	0	985	26.42	9.43	0	15.69
6/20/2013 15:00	34232	17.98	169.8	14.24	29.63	10.89	172.9	21.01	22.47	95.7	97.9	23.69	23.66	0	986	26.41	9.43	-0.003	11.46
6/20/2013 16:00	34233	18.45	166.3	15.52	29.63	11.03	168.7	21.9	22.47	97.2	99.3	19.43	19.23	0	945	26.39	9.43	-0.006	11.57
6/20/2013 17:00	34234	19.02	166.7	15.65	36.78	11.46	169.5	22.19	26.05	97.1	99.1	19.06	18.87	0	821	26.37	9.4	-0.022	15.72
6/20/2013 18:00	34235	18.35	161.5	11.85	29.63	10.75	162.9	18.96	22.47	95.3	96	19.38	19.64	0	286.8	26.35	9.36	-0.038	16.77
6/20/2013 19:00	34236	19.84	161.9	9.49	29.63	11.3	163.6	16.44	22.47	92.1	92	21.73	22.09	0	75.61	26.34	9.33	-0.03	11.39
6/20/2013 20:00	34237	15.68	164.8	8.86	29.63	8.87	166.9	16.67	18.89	89.4	89	25.76	26.39	0	8.54	26.37	9.31	-0.028	14.71
6/20/2013 21:00	34238	14.76	165.8	9.51	24.26	8.37	167.4	16.99	17.1	87.6	87.2	29.47	30.26	0	2.115	26.38	9.28	-0.022	11.59
6/20/2013 22:00	34239	12.59	175.2	12.48	27.84	7.351	177.7	18.39	18.89	85.7	85.2	33.17	34.36	0	0.147	26.4	9.26	-0.022	16.92
6/20/2013 23:00	34240	22.88	158.4	11.94	36.78	13.2	160	18.31	26.05	83.4	83.1	40.97	41.8	0	0.067	26.38	9.25	-0.009	16.85
6/21/2013 0:00	34241	26.01	172.7	12.2	43.94	14.96	175.1	18.55	31.42	81.3	81.1	52.68	51.98	0	0.064	26.41	9.24	-0.016	14.16
6/21/2013 1:00	34242	8.85	235.1	61.66	51.1	6.188	232	54.05	31.42	75.88	75.67	57.45	56.73	0	0.062	26.46	9.2	-0.034	16.8
6/21/2013 2:00	34243	7.082	105.4	31.81	15.31	3.978	100	34.06	11.74	74.47	73.51	62.07	62.55	0	0.017	26.42	9.2	-0.001	12.35
6/21/2013 3:00	34244	6.88	68.82	36.02	13.52	4.243	63.08	39.45	9.95	74.47	74.05	60.19	58.84	0	0.029	26.41	9.19	-0.016	11.68
6/21/2013 4:00	34245	9.41	129.5	18.61	15.31	5.231	130.1	26.32	11.74	73.41	72.81	65.67	63.54	0	0.028	26.37	9.18	-0.003	16.87
6/21/2013 5:00	34246	5.914	122.6	18.42	9.95	2.883	117.2	25.37	6.368	73.25	72.34	70.03	67.81	0	0.025	26.37	9.18	-0.003	11.75
6/21/2013 6:00	34247	5.666	155.6	15.9	11.74	2.398	148.5	26.47	6.368	72.44	71.01	75.68	73.82	0	0.018	26.36	9.18	-0.003	11.82
6/21/2013 7:00	34248	6.34	151.8	9.08	9.95	2.681	147.7	15.31	6.368	71.33	69.85	78.53	76.49	0	1.038	26.36	9.18	0	11.81
6/21/2013 8:00	34249	8.23	156.5	10.89	17.1	4.597	157.2	17.84	11.74	71.97	71.5	78.24	74.4	0	73.57	26.37	9.18	0	11.8
6/21/2013 9:00	34250	15.25	160.5	9.75	24.26	8.97	162.1	17.11	17.1	74.65	75.24	73.31	68.7	0	255.7	26.39	9.17	-0.005	14.92
6/21/2013 10:00	34251	17.34	169.8	11.27	24.26	10.27	171.4	18.07	20.68	76.82	78.09	67.28	62.79	0	462.8	26.42	9.17	-0.004	11.77
6/21/2013 11:00	34252	16.99	178.2	11.56	27.84	10.32	180.2	18.81	18.89	79.83	81.5	60.07	56.41	0	648.5	26.43	9.16	-0.003	16.62
6/21/2013 12:00	34253	15.19	178.3	14.12	24.26	9.49	179.9	20.75	18.89	83.2	85.2	52.73	50.16	0	820	26.45	9.16	-0.003	11.41
6/21/2013 13:00	34254	14.59	179.5	14.87	24.26	9.52	182.6	20.69	18.89	86.4	88.5	45.18	43.8	0	935	26.46	9.15	-0.01	10.27
6/21/2013 14:00	34255	15.59	174	15.31	24.26	9.84	175.6	21.26	18.89	89.5	91.8	37.51	37.03	0	962	26.44	9.13	-0.016	11.41
6/21/2013 15:00	34256	14.82	178.6	20.45	27.84	9.56	180.5	25.31	18.89	92.1	94.2	31.94	31.71	0	883	26.43	9.1	-0.032	11.61
6/21/2013 16:00	34257	14.26	177	20.32	24.26	9.21	178.9	25.94	18.89	94	96.1	28.59	28.35	0	909	26.42	9.08	-0.022	11.58
6/21/2013 17:00	34258	14.24	172	18.45	24.26	8.91	174.8	23.73	17.1	95.1	97.2	26.81	26.66	0	829	26.4	9.05	-0.029	11.41
6/21/2013 18:00	34259	15.26	163.5	18.71	24.26	9.48	165.7	24.03	18.89	95.4	97.1	25.71	25.81	0	634.7	26.38	9.02	-0.028	16.62
6/21/2013 19:00	34260	15.75	161.6	12.56	29.63	9.23	163.9	20.01	18.89	95.3	96.5	25.74	26.03	0	450.4	26.35	8.99	-0.028	16.7
6/21/2013 20:00	34261	20.54	147.6	11.65	33.21	12.1	150.2	18.54	24.26	92	92.4	32.2	32.99	0	171.1	26.35	8.95	-0.041	11.3
6/21/2013 21:00	34262	23.51	161.1	11.27	36.78	13.61	163.2	18.1	26.05	86.2	86.3	41.48	41.98	0	47.23	26.34	8.89	-0.059	11.52
6/21/2013 22:00	34263	13.87	148	15.01	29.63	7.946	149.4	21.27	24.26	79.92	78.89	56.98	58.62	0.01	0.241	26.34	8.89	-0.005	16.48
6/21/2013 23:00	34264	17.3	143.6	9.48	27.84	10.07	145.1	16.89	20.68	79.01	78.19	56.15	56.83	0	0.029	26.33	8.88	-0.012	12.35
6/22/2013 0:00	34265	13.21	135.3	22.1	26.05	7.67	137.1	29.61	18.89	78.51	77.8	55.57	55.82	0	0.043	26.38	8.87	-0.01	16.3
6/22/2013 1:00	34266	15.09	140.8	10.32	26.05	8.86	142.1	17.57	18.89	77.88	77.38	56.48	56.03	0	0.046	26.41	8.86	-0.009	16.83
6/22/2013 2:00	34267	16.52	152.3	11.92	31.42	9.54	154.3	17.98	20.68	77.5	77.12	55.75	55.05	0	0.058	26.38	8.85	-0.01	16.67
6/22/2013 3:00	34268	21.2	168.6	8.54	34.99	11.84	171	16.84	22.47	76.6	76.19	54.87	54.11	0	0.051	26.32	8.83	-0.016	16.18
6/22/2013 4:00	34269	14.81	166.1	9.61	24.26	8.4	167.8	17.47	18.89	75.23	74.62	54.09	53.44	0	0.046	26.32	8.83	-0.005	11.8
6/22/2013 5:00	34270	12.13	175	9.51	20.68	6.882	177.9	17.2	15.31	74	73.29	54.88	54.06	0	0.026	26.31	8.82	-0.009	12.56
6/22/2013 6:00	34271	9.87	181.1	10.37	15.31	5.661	183.8	17.15	9.95	72.4	71.64	58.08	56.7	0	0.025	26.3	8.81	-0.013	11.8
6/22/2013 7:00	34272	8.83	184.2	12.68	15.31	5.117	186.5	18.04	11.74	71.51	70.73	60.37	58.64	0	2.957	26.31	8.8	-0.01	16.81
6/22/2013 8:00	34273	9.58	180.9	10.46	18.89	5.588	183.3	17.22	13.52	72.15	71.67	60.7	58.55	0	81.5	26.32	8.79	-0.003	16.81
6/22/2013 9:00	34274	13.89	187.2	9.07	22.47	8.58	189.1	15.43	15.31	74.78	75.15	56.96	54.55	0	245.3	26.34	8.78	-0.008	16.92
6/22/2013 10:00	34275	14.47	184.9	10.06	20.68	8.95	186.7	16.67	15.31	78.16	79.14	52.43	50.38	0	413.4	26.36	8.78	-0.005	11.9

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/22/2013 11:00	34276	13.4	193.4	12.25	20.68	8.88	195.2	17.03	18.89	82.1	83.3	47.19	45.97	0	595.2	26.37	8.78	-0.003	11.64
6/22/2013 12:00	34277	14.03	202.6	14.29	26.05	9.53	203.7	17.39	17.1	86.6	88.2	39.66	39.4	0	808	26.39	8.77	-0.007	11.62
6/22/2013 13:00	34278	12.9	210.2	14.94	24.26	9.16	211.2	16.85	17.1	90.3	91.7	33.63	33.58	0	884	26.4	8.76	-0.013	11.65
6/22/2013 14:00	34279	11.34	208.5	21.51	22.47	8.07	209.9	23.59	18.89	93.6	95.3	29.04	28.92	0	959	26.4	8.72	-0.038	11.52
6/22/2013 15:00	34280	10.25	202.1	32.1	20.68	7.459	203.5	34.85	15.31	96.6	97.9	24.61	24.82	0	986	26.39	8.68	-0.041	15.76
6/22/2013 16:00	34281	11.29	176.8	26.9	20.68	7.705	179.1	30.98	17.1	98.1	99.9	21.18	21.11	0	930	26.37	8.66	-0.019	16.78
6/22/2013 17:00	34282	12.3	169.6	20.84	26.05	7.976	172.6	26.09	17.1	98.6	100.5	19.37	19.2	0	785.8	26.35	8.63	-0.029	16.3
6/22/2013 18:00	34283	13.86	161.7	18.91	27.84	8.5	164.5	24.59	20.68	98.1	99.5	18.75	18.73	0	489.2	26.33	8.59	-0.038	12.5
6/22/2013 19:00	34284	12.83	156.7	13.67	20.68	7.553	157.7	20.37	15.31	96.4	96.6	19.49	20.02	0	198.3	26.3	8.57	-0.022	11.46
6/22/2013 20:00	34285	19.43	162.2	11.1	31.42	11.32	164.7	18.46	22.47	94.9	95.3	27.49	28.13	0	199.5	26.29	8.54	-0.026	11.85
6/22/2013 21:00	34286	23.54	167.8	9.34	34.99	13.43	169.2	17.49	27.84	89.2	89.1	36.71	37.88	0	23.24	26.3	8.52	-0.024	11.41
6/22/2013 22:00	34287	21.05	163.5	9.22	33.21	11.99	165.6	16.87	24.26	84.9	84.6	42.7	43.55	0	0.468	26.3	8.49	-0.032	16.65
6/22/2013 23:00	34288	16.63	166.5	8.95	31.42	9.43	169	17	20.68	81.8	81.4	45.6	45.98	0	0.051	26.31	8.46	-0.025	11.4
6/23/2013 0:00	34289	18.27	160.1	8.89	31.42	10.34	162	17.17	20.68	79.85	79.45	46.87	46.82	0	0.049	26.31	8.44	-0.028	14.81
6/23/2013 1:00	34290	16.2	162.6	8.69	38.57	9.22	164.3	16.79	20.68	77.96	77.49	48.17	47.87	0	0.049	26.3	8.41	-0.027	11.69
6/23/2013 2:00	34291	15.4	171.1	8.99	26.05	8.86	173.3	17.16	20.68	76.73	76.23	50.49	49.86	0	0.04	26.3	8.4	-0.009	11.93
6/23/2013 3:00	34292	13.25	174.1	9.52	22.47	7.782	176.3	17.37	15.31	75.85	75.27	49.21	48.83	0	0.032	26.29	8.38	-0.016	16.89
6/23/2013 4:00	34293	10.55	182.8	8.91	17.1	6.117	184.8	16.27	11.74	74.68	73.99	49.38	48.92	0	0.029	26.29	8.38	-0.006	11.7
6/23/2013 5:00	34294	10.89	173.4	10.68	17.1	6.205	175.9	18.16	13.52	74.17	73.44	48.59	48.17	0	0.026	26.27	8.37	-0.01	12.36
6/23/2013 6:00	34295	10.32	169.2	10.49	18.89	5.806	172	18.46	13.52	74	73.28	47.83	47.48	0	0.024	26.26	8.36	-0.006	12.24
6/23/2013 7:00	34296	7.47	184.2	9.43	11.74	4.017	187	16.52	8.16	72.77	71.7	50.39	50.12	0	1.657	26.27	8.36	-0.003	11.78
6/23/2013 8:00	34297	10.02	186.7	9.26	17.1	6.068	189.8	15.9	13.52	74.05	73.45	48.9	48.41	0	77.05	26.28	8.35	-0.006	11.54
6/23/2013 9:00	34298	14.53	184.3	9.26	22.47	8.87	187.3	16.53	17.1	76.32	76.57	47.57	46.36	0	216.9	26.3	8.34	-0.008	16.41
6/23/2013 10:00	34299	13.89	190.1	11.67	20.68	8.88	191.8	17.46	15.31	79.44	80.6	46.62	44.85	0	491.7	26.33	8.34	-0.008	11.46
6/23/2013 11:00	34300	12.17	197.5	13.36	20.68	8.14	198.2	17.21	15.31	82.7	84.1	43.43	42.21	0	613.3	26.34	8.33	-0.01	16.55
6/23/2013 12:00	34301	11.27	205.7	14.39	18.89	8.06	207.1	17.89	15.31	87.1	88.5	35.97	35.52	0	821	26.36	8.32	-0.01	17.03
6/23/2013 13:00	34302	8.76	208.9	23.1	22.47	6.517	210.1	24.93	13.52	91.4	92.6	28.71	28.63	0	929	26.37	8.3	-0.016	16.58
6/23/2013 14:00	34303	8.63	213	32.53	17.1	6.624	215.2	33.59	15.31	95.1	96.1	23.23	23.28	0	992	26.37	8.28	-0.016	16.8
6/23/2013 15:00	34304	6.891	208.2	60.4	17.1	5.457	213.7	61.59	13.52	98.2	98.8	18.02	18.44	0	996	26.36	8.26	-0.029	11.58
6/23/2013 16:00	34305	6.261	125	47.92	17.1	4.591	125.1	59.72	13.52	100.4	101.6	14.95	15.42	0	935	26.34	8.24	-0.016	11.59
6/23/2013 17:00	34306	10.37	177.9	27.01	24.26	6.949	181.3	31.7	17.1	100	101.6	15.54	15.24	0	815	26.33	8.21	-0.029	16.95
6/23/2013 18:00	34307	11.87	168	26.52	24.26	7.671	171.2	31.48	18.89	99.3	101	16.52	16.24	0	653.8	26.31	8.17	-0.044	16.6
6/23/2013 19:00	34308	14.23	184.4	20.14	26.05	8.97	186.7	24.38	18.89	98.5	99.5	16.32	16.07	0	392	26.29	8.13	-0.041	16.78
6/23/2013 20:00	34309	14.52	162.8	16.55	29.63	8.5	165.2	22.89	18.89	96.9	97.2	19.31	19.5	0	174.2	26.28	8.1	-0.026	11.33
6/23/2013 21:00	34310	21.35	158.5	8.96	34.99	12.19	159.9	16.27	24.26	91.3	91.1	30.31	31.52	0	39.61	26.29	8.08	-0.024	16.77
6/23/2013 22:00	34311	20.13	156.9	8.76	34.99	11.44	158.6	16.83	26.05	87.1	86.8	35.43	36.38	0	0.493	26.29	8.05	-0.025	13.16
6/23/2013 23:00	34312	20	162.3	8.69	36.78	11.41	163.2	16.92	22.47	83.4	83.1	44.21	44.56	0	0.054	26.3	8.04	-0.016	16.93
6/24/2013 0:00	34313	19.38	164.3	8.73	31.42	10.83	165.6	17.9	22.47	80.7	80.3	48.22	47.99	0	0.05	26.32	8.02	-0.019	11.61
6/24/2013 1:00	34314	19.75	167	8.49	34.99	10.86	168.7	17.94	24.26	78.93	78.57	50.55	49.92	0	0.04	26.32	8	-0.015	15.22
6/24/2013 2:00	34315	17.63	167.3	8.67	27.84	9.73	168.3	17.9	22.47	77.68	77.24	51.4	50.63	0	0.032	26.32	7.989	-0.012	11.66
6/24/2013 3:00	34316	15.44	167.9	8.37	24.26	8.72	169.5	17.51	17.1	76.69	76.21	54.31	53.21	0	0.027	26.31	7.98	-0.009	15.02
6/24/2013 4:00	34317	15.23	167	8.61	24.26	8.57	168	17.72	17.1	75.95	75.46	55.48	54.27	0	0.022	26.3	7.974	-0.006	11.73
6/24/2013 5:00	34318	13.91	171.2	9.61	24.26	7.696	173	18.06	15.31	75.03	74.49	57.56	55.99	0	0.023	26.29	7.936	-0.038	11.34
6/24/2013 6:00	34319	11.41	168.3	9.99	18.89	6.482	169.6	18.51	11.74	73.92	73.37	60.76	58.71	0	0.021	26.3	7.933	-0.003	12.03
6/24/2013 7:00	34320	12.38	164.8	9.4	20.68	6.915	166.1	17.71	13.52	72.87	72.49	66.86	63.63	0	3.505	26.3	7.924	-0.01	15.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/24/2013 8:00	34321	12.74	166.8	10.12	24.26	7.421	169.3	18.44	17.1	72.94	72.88	71.85	67.56	0	83.5	26.32	7.924	0	11.33
6/24/2013 9:00	34322	16.67	160.8	9.85	27.84	9.74	162.7	17.46	18.89	74.74	75.43	69.93	65.17	0	267.1	26.33	7.919	-0.005	15.35
6/24/2013 10:00	34323	15.14	168.9	11.65	24.26	9.27	170.7	18.58	17.1	78.17	79.66	61.89	57.67	0	492.5	26.36	7.912	-0.007	15.52
6/24/2013 11:00	34324	15.27	173.9	12.2	24.26	9.3	174.9	19.53	17.1	81.7	83.6	54.16	50.88	0	667.8	26.38	7.905	-0.006	11.67
6/24/2013 12:00	34325	15.28	181.7	13.75	26.05	9.71	184.7	19.56	17.1	85.2	87.4	46.61	44.58	0	839	26.4	7.892	-0.013	11.53
6/24/2013 13:00	34326	13.62	190.6	15.69	22.47	9.09	193.1	19.87	18.89	89.1	91.1	38.9	38.26	0	901	26.41	7.873	-0.019	16.7
6/24/2013 14:00	34327	11.7	192.5	18.92	20.68	7.99	193.6	23.57	15.31	93	95	31.14	30.76	0	957	26.4	7.853	-0.019	16.5
6/24/2013 15:00	34328	11.55	181.9	23.25	26.05	7.87	184.2	28.22	20.68	95.2	97.1	27.55	27.21	0	984	26.39	7.831	-0.022	11.54
6/24/2013 16:00	34329	9.37	194	30.59	18.89	6.705	198.8	32.62	15.31	97.5	99	22.92	22.84	0	900	26.37	7.809	-0.022	11.46
6/24/2013 17:00	34330	10.78	178.2	27.15	22.47	7.396	180.6	32.02	15.31	98.1	99.7	21.44	21.29	0	787.4	26.35	7.78	-0.029	11.49
6/24/2013 18:00	34331	13.52	176.9	16.23	24.26	8.53	179.9	22.65	18.89	96.3	97.5	24	24.12	0	401.8	26.34	7.758	-0.022	11.48
6/24/2013 19:00	34332	17.75	165.6	14	29.63	10.68	169	20.74	20.68	96.1	97.4	27.49	27.63	0	466.9	26.32	7.726	-0.032	11.01
6/24/2013 20:00	34333	21.02	162.2	9.49	33.21	12.2	164.8	17	24.26	92.4	93	34.02	34.61	0	239.6	26.32	7.695	-0.031	15.84
6/24/2013 21:00	34334	19.75	160.8	9.27	31.42	11.22	162.4	16.84	22.47	87.9	87.9	39.68	40.67	0	51.11	26.32	7.639	-0.056	11.49
6/24/2013 22:00	34335	19.62	163.7	8.39	29.63	11.1	165.4	16.45	22.47	84.1	83.9	44.38	44.87	0	0.424	26.31	7.617	-0.022	11.61
6/24/2013 23:00	34336	15.05	163.8	9.35	29.63	8.62	165.4	16.94	20.68	81.4	81.1	48.37	48.27	0	0.051	26.32	7.598	-0.019	14.68
6/25/2013 0:00	34337	14.62	168.8	9.11	24.26	8.19	170.1	17.65	18.89	79.91	79.48	52.18	51.63	0	0.039	26.33	7.59	-0.008	13.82
6/25/2013 1:00	34338	14.44	169.5	8.45	34.99	8.22	171.1	17.27	18.89	78.61	78.18	56.02	54.93	0	0.039	26.33	7.577	-0.013	11.44
6/25/2013 2:00	34339	12.85	168.8	8.91	20.68	7.378	170.7	17.02	17.1	77.06	76.59	59.91	58.35	0	0.032	26.33	7.571	-0.006	11.73
6/25/2013 3:00	34340	11.1	169.9	8.71	17.1	6.198	172.1	17.43	13.52	75.83	75.28	62.48	60.69	0	0.039	26.32	7.559	-0.012	15.45
6/25/2013 4:00	34341	10.66	171.8	8.64	17.1	6.041	173.5	17.26	11.74	75.13	74.59	64.29	62.16	0	0.031	26.31	7.553	-0.006	14.98
6/25/2013 5:00	34342	12.38	172.2	9.89	18.89	7.071	174.8	18.21	13.52	74.84	74.27	62.63	60.82	0	0.033	26.3	7.546	-0.006	11.81
6/25/2013 6:00	34343	11.78	179.2	10.06	20.68	6.891	182.5	17.59	15.31	74.86	74.25	58.71	57.33	0	0.026	26.3	7.543	-0.003	11.76
6/25/2013 7:00	34344	11.31	181.1	8.49	17.1	6.583	183.6	16.06	13.52	73.84	73.26	61.7	59.7	0	1.945	26.31	7.537	-0.006	11.79
6/25/2013 8:00	34345	11.21	188.5	9.1	18.89	7.034	191.8	15.32	13.52	73.91	73.61	64.22	61.43	0	76.93	26.31	7.534	-0.003	12.71
6/25/2013 9:00	34346	14.48	194.7	9.78	20.68	9.22	196.6	15.31	17.1	76.77	77.33	60.62	57.45	0	270.6	26.34	7.529	-0.005	11.78
6/25/2013 10:00	34347	14.69	193.9	9.91	20.68	9.62	195.9	15.69	17.1	80.4	81.5	55.07	52.42	0	473.7	26.36	7.518	-0.01	11.68
6/25/2013 11:00	34348	13.27	204.9	12.82	20.68	8.97	205.5	16.56	15.31	84.6	86	47.85	46.29	0	653.1	26.38	7.512	-0.006	11.71
6/25/2013 12:00	34349	11.07	220.3	16.65	20.68	8.33	219.5	18.91	17.1	89.8	90.9	37.28	37.51	0	821	26.4	7.492	-0.02	11.59
6/25/2013 13:00	34350	8.73	242.1	29.57	15.31	6.976	240.3	32.58	13.52	94.8	95.6	27.2	27.72	0	939	26.41	7.476	-0.016	12.62
6/25/2013 14:00	34351	5.584	263.9	57.03	17.1	4.495	264.9	58.46	11.74	100.3	100.6	19.11	20.28	0	994	26.41	7.466	-0.01	14.46
6/25/2013 15:00	34352	5.795	209.2	69.78	13.52	4.546	209.2	69.66	13.52	103.3	103.8	13.73	14.49	0	998	26.4	7.425	-0.041	11.45
6/25/2013 16:00	34353	6.346	225.5	64.66	17.1	4.986	232.3	63.22	15.31	104.4	104.9	12.12	12.63	0	941	26.38	7.39	-0.035	14.08
6/25/2013 17:00	34354	7.805	217.3	58.32	20.68	5.92	219.2	57.05	15.31	103.4	104.1	11.11	11.29	0	597.1	26.37	7.349	-0.041	16.41
6/25/2013 18:00	34355	9.53	204.9	27.41	18.89	6.668	205.5	28.75	15.31	103.2	104.3	11.54	11.41	0	527	26.35	7.318	-0.031	16.71
6/25/2013 19:00	34356	6.606	216	37.75	15.31	4.875	216.8	39.57	11.74	102.7	102.8	11.34	11.56	0	357.9	26.32	7.296	-0.022	11.41
6/25/2013 20:00	34357	8.91	229	28.22	18.89	6.82	230	27.89	15.31	102.2	102	10.99	11.14	0	233.3	26.31	7.245	-0.051	11.43
6/25/2013 21:00	34358	8.74	221.7	22.98	22.47	5.688	221	23.05	15.31	99.3	98.7	14.1	14.48	0	47.24	26.31	7.21	-0.034	16.28
6/25/2013 22:00	34359	16.45	168.3	11.15	27.84	9.17	171.2	19.63	17.1	91.8	91.6	32.47	33.58	0	0.984	26.32	7.189	-0.022	11.35
6/25/2013 23:00	34360	19.32	161.6	11.78	31.42	10.7	163.3	19.21	20.68	88.4	88.2	42.84	44.05	0	0.07	26.33	7.167	-0.022	11.71
6/26/2013 0:00	34361	16.56	159.2	10.45	27.84	9.13	161	18.89	18.89	84.7	84.4	48.7	48.93	0	0.061	26.34	7.151	-0.016	16.42
6/26/2013 1:00	34362	13.4	175.6	9.37	24.26	7.567	178.6	18.02	18.89	82.3	81.8	52.84	52.51	0	0.051	26.34	7.139	-0.012	16.74
6/26/2013 2:00	34363	11.25	177.1	10.32	22.47	6.355	180.9	18.17	15.31	80	79.57	58.44	57.32	0	0.046	26.32	7.126	-0.013	16.74
6/26/2013 3:00	34364	10.06	179	9.14	17.1	5.774	183.1	17.37	11.74	78.06	77.48	63.43	61.79	0	0.032	26.31	7.121	-0.005	16.93
6/26/2013 4:00	34365	8.7	185.9	9.58	15.31	5.087	190.3	16.63	11.74	76.71	76.12	66.58	64.52	0	0.03	26.3	7.112	-0.009	14.43

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/26/2013 5:00	34366	8.14	179.8	8.62	13.52	4.467	183.9	16.94	9.95	75.23	74.45	69.48	67.29	0	0.023	26.3	7.109	-0.003	11.75
6/26/2013 6:00	34367	6.204	190.3	8.63	9.95	3.018	192.7	14.62	6.368	74.28	73.2	70.54	68.66	0	0.021	26.3	7.106	-0.003	15.95
6/26/2013 7:00	34368	5.849	188.9	5.788	8.16	1.991	189.3	10.5	4.578	72.66	70.56	73.46	72.69	0	2.396	26.3	7.102	-0.003	16.67
6/26/2013 8:00	34369	7.115	195.1	7.629	13.52	4.117	198.6	13.87	9.95	73.84	72.97	71.16	68.62	0	90.2	26.3	7.096	-0.006	11.48
6/26/2013 9:00	34370	10.9	194.8	10.05	17.1	7.001	197.4	16.25	11.74	79.01	79.49	59.64	57.32	0	286.3	26.33	7.091	-0.005	11.64
6/26/2013 10:00	34371	11.44	202.8	10.45	15.31	7.897	204.4	14.44	13.52	83.9	84.9	49.16	48.18	0	495.2	26.36	7.084	-0.007	11.47
6/26/2013 11:00	34372	9.96	218.6	14.56	15.31	7.484	217.2	17.29	13.52	88.6	89.6	38.18	38.71	0	684.7	26.38	7.068	-0.016	12.14
6/26/2013 12:00	34373	8.73	227.8	19.56	15.31	6.763	225.6	21.41	13.52	94.2	94.9	27.29	28	0	856	26.41	7.058	-0.01	15
6/26/2013 13:00	34374	7.982	256.6	32.18	15.31	6.495	254.3	34.77	13.52	99.8	100.5	13.5	13.82	0	972	26.42	7.045	-0.013	11.42
6/26/2013 14:00	34375	6.573	225.9	44.93	27.84	5.003	226.5	43.69	29.63	103.8	104.6	8.55	8.59	0	1027	26.42	7.02	-0.025	11.44
6/26/2013 15:00	34376	6.742	195.1	55.56	15.31	5.111	202.6	56.08	13.52	106.6	107	3.378	3.176	0	1031	26.42	6.991	-0.029	11.44
6/26/2013 16:00	34377	7.807	202.4	54.76	17.1	6.078	204.2	55.99	15.31	106.8	107.6	3.423	2.841	0	958	26.4	6.947	-0.044	14.58
6/26/2013 17:00	34378	9.19	214	38.68	20.68	6.699	214.8	41.17	15.31	107	108.1	2.765	2.266	0	836	26.39	6.893	-0.054	13.8
6/26/2013 18:00	34379	9.1	198.9	37.43	18.89	6.583	201.7	39.02	15.31	106.8	107.6	2.422	2.029	0	669.4	26.37	6.846	-0.047	11.36
6/26/2013 19:00	34380	8.86	200.2	25.1	20.68	6.329	202.4	25.37	15.31	106	106.4	2.573	2.12	0	476.8	26.36	6.811	-0.035	16.93
6/26/2013 20:00	34381	9.27	198.9	26.11	18.89	6.245	200.1	28.17	13.52	104.8	104.6	3.214	2.514	0	262.4	26.36	6.77	-0.041	16.15
6/26/2013 21:00	34382	6.432	199.7	16.18	9.95	3.447	196.4	20.84	9.95	102.1	100.6	4.525	4.178	0	66.38	26.36	6.744	-0.025	11.33
6/26/2013 22:00	34383	7.054	177	14.76	11.74	2.264	153.7	14.15	8.16	95.2	90.1	9.06	10.43	0	0.839	26.35	6.732	-0.012	11.39
6/26/2013 23:00	34384	15.97	163.5	10.02	33.21	8.57	161.1	19.95	24.26	92	89.9	24.23	25.24	0	0.033	26.35	6.717	-0.016	16.5
6/27/2013 0:00	34385	18.74	170.6	8.37	29.63	10.65	172.1	17.13	22.47	89.7	89.3	38.34	40.02	0	0.071	26.38	6.695	-0.022	11.07
6/27/2013 1:00	34386	17.29	169.1	8.51	40.36	9.86	171	17.06	26.05	86.1	85.7	44.34	45.36	0	0.067	26.39	6.679	-0.016	16.74
6/27/2013 2:00	34387	13.9	171.5	8.89	24.26	7.895	173.5	17.17	15.31	83	82.5	50.13	50.35	0	0.051	26.38	6.663	-0.016	11.57
6/27/2013 3:00	34388	12.37	167.2	8.71	20.68	7.094	169.7	17.29	13.52	80.5	79.95	54.49	54.04	0	0.04	26.37	6.642	-0.021	11.24
6/27/2013 4:00	34389	10.79	163.6	9.23	17.1	5.973	165	16.97	11.74	78.22	77.6	59.87	58.68	0	0.032	26.37	6.617	-0.025	16.45
6/27/2013 5:00	34390	9.9	160.9	9	15.31	5.534	162.7	16.41	11.74	76.67	76.02	64.72	62.93	0	0.029	26.36	6.614	-0.002	16.65
6/27/2013 6:00	34391	8.97	167.9	14.21	13.52	5.046	170.5	20.67	11.74	76	75.24	64.58	63.12	0	0.022	26.36	6.608	-0.006	14.39
6/27/2013 7:00	34392	5.657	172.5	15.68	8.16	1.996	173.3	21.56	4.578	74.15	72.31	64.48	64.81	0	2.223	26.36	6.605	-0.003	15.74
6/27/2013 8:00	34393	6.587	175.7	11.72	13.52	3.575	180.6	16.4	9.95	75.56	74.55	58.85	58.55	0	81.5	26.36	6.598	-0.006	16.8
6/27/2013 9:00	34394	11.7	174	10.27	18.89	6.977	177.9	18.66	13.52	80.3	80.8	52.36	51.04	0	271.5	26.39	6.59	-0.008	17.01
6/27/2013 10:00	34395	13.14	168.5	10.72	20.68	8.09	171.3	18.36	15.31	83.8	85.1	48.59	47.2	0	476.9	26.44	6.58	-0.01	11.67
6/27/2013 11:00	34396	13.89	167.9	13.25	18.89	8.65	169.7	19.55	17.1	86.9	88.7	43.87	43.02	0	664.2	26.46	6.577	-0.003	11.64
6/27/2013 12:00	34397	12.46	172.1	18.8	20.68	8.09	174	24.57	15.31	93	94.8	32.24	32.42	0	837	26.48	6.567	-0.01	16.81
6/27/2013 13:00	34398	11.99	170	21.31	24.26	7.784	172.1	28	18.89	99.3	101.4	19.5	19.52	0	951	26.48	6.548	-0.019	11.46
6/27/2013 14:00	34399	15.14	150.3	18.52	26.05	9.47	151.7	24.44	20.68	100.6	103.1	17.71	17.49	0	1005	26.49	6.509	-0.038	15.56
6/27/2013 15:00	34400	13.66	157	22.74	26.05	8.73	158.9	28	20.68	102.2	104.8	13.55	13.11	0	1004	26.49	6.481	-0.029	16.69
6/27/2013 16:00	34401	13.23	144.3	22.09	26.05	8.51	145.5	28.83	18.89	103.8	106.2	9.57	9.05	0	948	26.48	6.43	-0.051	15.46
6/27/2013 17:00	34402	12.74	153.2	27.18	26.05	8.2	154.1	32.71	20.68	104	106	10.07	9.65	0	832	26.47	6.38	-0.051	15.93
6/27/2013 18:00	34403	12.64	150.2	29.8	27.84	8.04	151.3	35.38	18.89	103.5	105.2	10.03	9.66	0	625	26.45	6.348	-0.031	15.26
6/27/2013 19:00	34404	13.34	129.9	18.4	24.26	8.35	130.4	26.34	17.1	102.4	103.6	10.37	9.99	0	458.3	26.45	6.31	-0.038	9.67
6/27/2013 20:00	34405	13.78	141.5	14.92	26.05	8.28	143.7	22.19	17.1	100.8	101.1	12.23	12.09	0	246.4	26.44	6.281	-0.028	11.24
6/27/2013 21:00	34406	14.86	151.6	9.71	24.26	8.53	153.2	17.46	17.1	97.4	97.1	15.31	15.32	0	59.79	26.44	6.228	-0.053	16.54
6/27/2013 22:00	34407	9.99	157.8	8.68	17.1	5.522	159.4	15.95	11.74	92.9	91.9	19.71	20.13	0	0.578	26.44	6.197	-0.031	15.88
6/27/2013 23:00	34408	8.56	163.9	7.211	13.52	4.434	163.6	14.7	8.16	89.3	88	24.25	25.09	0	0.048	26.45	6.184	-0.013	11.37
6/28/2013 0:00	34409	8.13	164.1	8.54	11.74	4.06	163.1	17.05	8.16	86.2	84.6	28.21	29.48	0	0.035	26.46	6.172	-0.012	13.24
6/28/2013 1:00	34410	9.29	171.6	7.894	18.89	4.771	173	16.25	9.95	83.7	82.5	31.14	32.12	0	0.036	26.45	6.166	-0.006	11.47

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/28/2013 2:00	34411	8.89	175.1	8.67	13.52	4.73	176.7	16.84	11.74	81.3	80.3	33.08	33.9	0	0.026	26.45	6.157	-0.009	16.7
6/28/2013 3:00	34412	6.102	180.6	9.12	11.74	2.623	183	15.94	6.368	78.53	76.92	37.11	38.65	0	0.02	26.44	6.151	-0.006	16.25
6/28/2013 4:00	34413	5.156	176.7	5.264	8.16	0.671	168.1	5.559	2.789	75.94	73.08	41.28	44.07	0	0.007	26.44	6.148	-0.003	15.95
6/28/2013 5:00	34414	6.734	129.4	74.71	38.57	3.668	36.76	30.15	38.57	76.12	73.69	42.81	45.06	0	0.013	26.45	6.142	-0.006	11.67
6/28/2013 6:00	34415	2.742	316.6	54.16	11.74	1.776	319.5	46.85	11.74	78.02	75.74	39.36	42.75	0	0.021	26.48	6.139	-0.003	15.68
6/28/2013 7:00	34416	2.256	162.8	34.77	9.95	0.836	140.2	26.87	6.368	74.89	71.87	44.99	48.2	0	0.647	26.47	6.135	-0.003	11.76
6/28/2013 8:00	34417	3.975	268.3	36.86	6.368	1.368	294.4	37.16	6.368	74.62	71.7	46.51	49.94	0	33.7	26.46	6.132	-0.003	15.42
6/28/2013 9:00	34418	5.724	210.4	10.34	11.74	3.403	210.7	13.41	8.16	76.18	75.49	45.86	46.73	0	138	26.47	6.113	-0.019	11.67
6/28/2013 10:00	34419	9.28	214.6	12.3	13.52	6.552	215.1	14.68	11.74	80.3	80.5	42.35	42.37	0	216.2	26.49	6.102	-0.011	16.77
6/28/2013 11:00	34420	8.27	233.5	19.74	15.31	6.284	229.1	19.54	13.52	85.1	85.6	34.21	34.3	0	476.2	26.53	6.095	-0.007	11.39
6/28/2013 12:00	34421	7.042	247.6	18.61	13.52	5.825	243.8	19.96	11.74	89.6	90	27.72	27.79	0	657.4	26.56	6.085	-0.01	16.34
6/28/2013 13:00	34422	4.965	262.3	63.68	15.31	4.089	260.7	63.88	15.31	95.4	95.5	22.42	23.15	0	878	26.57	6.082	-0.004	16.89
6/28/2013 14:00	34423	4.335	309.3	95	9.95	3.433	291	84.7	9.95	99.1	99.3	18.86	19.92	0	928	26.57	6.075	-0.006	11.46
6/28/2013 15:00	34424	5.775	7.407	53.38	18.89	4.489	359.5	53.77	13.52	99.8	100.6	18.12	18.99	0	873	26.55	6.047	-0.029	16.78
6/28/2013 16:00	34425	9.44	62.92	33.99	20.68	6.259	55.7	40.2	15.31	99.2	101.1	17.16	17.45	0	841	26.53	6.025	-0.022	11.35
6/28/2013 17:00	34426	9.73	60.67	34.6	20.68	6.47	53.82	40.28	17.1	99.8	101.5	15.96	16.14	0	758.7	26.51	5.983	-0.041	11.46
6/28/2013 18:00	34427	9.97	80.5	26.67	24.26	6.501	75.56	36.1	17.1	99.9	101.3	16.28	16.5	0	607	26.48	5.958	-0.025	11.44
6/28/2013 19:00	34428	11.11	72.42	20.17	27.84	6.983	66.18	27.91	22.47	99.2	100.1	16.62	16.91	0	364	26.46	5.924	-0.035	11.23
6/28/2013 20:00	34429	9.28	92.3	19.71	17.1	5.948	88.5	27.38	13.52	99.1	99.2	16.23	16.83	0	248.3	26.45	5.882	-0.041	11.65
6/28/2013 21:00	34430	9.46	101.7	17.06	15.31	5.838	99.6	25.68	11.74	96.9	96.5	18.12	18.68	0	59.07	26.44	5.861	-0.022	11.35
6/28/2013 22:00	34431	7.522	105.1	8.2	11.74	4.14	100.3	19.23	9.95	92.2	90.8	22.33	23.4	0	0.607	26.44	5.848	-0.012	16.62
6/28/2013 23:00	34432	7.363	102.5	8.62	9.95	3.908	95.5	18.68	6.368	88.4	86.7	26.3	27.7	0	0.038	26.44	5.832	-0.016	16.74
6/29/2013 0:00	34433	7.863	91.8	6.496	9.95	3.694	89.7	15.79	6.368	85.1	82.9	30.2	32.16	0	0.052	26.44	5.826	-0.006	16.63
6/29/2013 1:00	34434	7.616	100.8	8.33	11.74	4.052	92.8	18.78	8.16	83.2	81.4	33.33	35.09	0	0.035	26.42	5.818	-0.009	11.34
6/29/2013 2:00	34435	8.67	116.6	9.44	13.52	4.79	115.6	20.66	9.95	82.7	81.4	35.74	37.08	0	0.043	26.41	5.811	-0.006	11.64
6/29/2013 3:00	34436	8.16	120.1	7.251	11.74	4.215	117.4	17.97	8.16	80.6	79.22	38.91	40.58	0	0.038	26.4	5.799	-0.013	16.88
6/29/2013 4:00	34437	5.615	125.7	14.68	8.16	1.894	103	23.12	4.578	78.84	76.31	41.3	44.24	0	0.017	26.4	5.796	-0.003	16.08
6/29/2013 5:00	34438	6.813	108.9	5.796	11.74	3.231	90.1	15.93	6.368	78.59	75.69	42.18	45.48	0	0.019	26.4	5.787	-0.009	12.45
6/29/2013 6:00	34439	8.73	111.7	10.5	13.52	4.729	108.8	20.98	9.95	79.29	77.85	41.56	43.17	0	0.028	26.4	5.78	-0.006	11.72
6/29/2013 7:00	34440	8.64	76.61	18.74	13.52	4.787	70.89	24.36	9.95	76.22	75.36	46.29	46.33	0	1.238	26.41	5.777	-0.003	11.74
6/29/2013 8:00	34441	8.75	65.65	10.26	11.74	5.196	59.64	17.06	9.95	74.89	74.53	50.75	49.75	0	74.61	26.41	5.771	-0.006	16.22
6/29/2013 9:00	34442	8.53	96.2	19.04	13.52	5.542	91.2	27.66	11.74	80.2	80.6	44.31	44.22	0	244.8	26.43	5.76	-0.011	15.31
6/29/2013 10:00	34443	9.04	150.5	16.89	13.52	5.889	152.6	23.05	9.95	85.5	86.9	37.62	37.49	0	469.1	26.46	5.75	-0.01	15.81
6/29/2013 11:00	34444	7.46	187.4	19.56	13.52	5.257	192.2	22.91	11.74	91.9	92.9	28.92	29.16	0	634.4	26.48	5.733	-0.016	11.3
6/29/2013 12:00	34445	6.837	216.6	29.94	15.31	5.059	217.7	31.27	11.74	96.8	97.5	22.51	22.8	0	785.5	26.5	5.727	-0.007	12.9
6/29/2013 13:00	34446	19.38	83.5	37.19	36.78	12.08	77.89	42.03	26.05	90.5	92.2	32.11	31.85	0	672.5	26.52	5.702	-0.025	16.06
6/29/2013 14:00	34447	18.55	101.3	16.37	31.42	11.79	98.2	25.97	22.47	91.9	94.5	32.12	31.42	0	952	26.48	5.673	-0.029	10.09
6/29/2013 15:00	34448	14.56	137	21.22	26.05	9.23	137.9	28.78	18.89	96	98.6	25.37	24.72	0	938	26.47	5.648	-0.025	11.83
6/29/2013 16:00	34449	12.65	170.5	23.13	24.26	8.21	173.1	27.46	18.89	98.5	100.7	22.7	22.21	0	891	26.46	5.616	-0.032	12.74
6/29/2013 17:00	34450	12.63	198.6	19.46	24.26	8.66	200	22.11	20.68	99.1	100.9	20.92	20.56	0	802	26.43	5.578	-0.038	11.48
6/29/2013 18:00	34451	11.22	211.2	23.42	18.89	7.898	210.1	24.17	15.31	99.2	100.4	18.66	18.52	0	522.2	26.4	5.546	-0.032	16.85
6/29/2013 19:00	34452	9.25	230.2	14.02	15.31	6.409	226.5	15.53	11.74	96.8	97	19.57	19.84	0	120.4	26.38	5.518	-0.028	11.4
6/29/2013 20:00	34453	12.23	235.2	9.19	18.89	8.6	230.2	11.67	15.31	96	95.9	20.4	20.69	0	138.4	26.36	5.496	-0.022	14.01
6/29/2013 21:00	34454	11.46	222.2	8.82	20.68	7.762	220.6	11.83	15.31	94.2	93.9	21.42	21.7	0	54.21	26.36	5.449	-0.047	11.52
6/29/2013 22:00	34455	5.887	258.2	42.75	11.74	3.926	254.6	48.14	9.95	90.6	89.8	23.65	24.35	0	0.28	26.36	5.439	-0.01	11.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
6/29/2013 23:00	34456	14.15	72.77	19.13	31.42	8.36	66.73	24.31	20.68	86.6	86.1	29.46	29.8	0	0.051	26.41	5.414	-0.025	16.87
6/30/2013 0:00	34457	18.79	21.42	15.72	36.78	12.66	18.35	16.96	31.42	79.8	79.93	45.66	44.88	0	0.032	26.45	5.398	-0.015	11.59
6/30/2013 1:00	34458	24.03	52.18	13.5	42.15	13.33	45.84	18.3	29.63	74.39	74.05	54.73	53.77	0	0.009	26.44	5.387	-0.011	11.63
6/30/2013 2:00	34459	21.18	38.13	12.22	34.99	12.05	31.77	14.6	31.42	73.97	73.87	52.01	50.2	0	0.026	26.4	5.368	-0.019	14.44
6/30/2013 3:00	34460	16.9	31.16	14.13	29.63	10.87	24.79	15.38	24.26	77.01	76.88	42.74	42.41	0	0.046	26.38	5.355	-0.013	11.63
6/30/2013 4:00	34461	17.54	46.57	10.71	38.57	9.51	39.81	15.09	29.63	74.6	74.58	51.97	50	0	0.031	26.4	5.346	-0.01	11.9
6/30/2013 5:00	34462	14.9	54.01	12.79	29.63	8.11	46.05	18.11	18.89	71.84	71.89	65.47	61.35	0	0.02	26.4	5.33	-0.016	16.16
6/30/2013 6:00	34463	8.88	87.3	37.05	18.89	5.579	82.1	44.99	15.31	71.71	71.62	67.27	63.28	0	0.023	26.39	5.324	-0.006	11.56
6/30/2013 7:00	34464	6.863	88.1	29.01	13.52	4.248	82.2	34.29	9.95	71.45	71.26	64.84	61.45	0	0.357	26.37	5.32	-0.003	11.72
6/30/2013 8:00	34465	6.669	356	68.9	11.74	4.646	346.8	66.33	9.95	71.52	71.42	63.54	60.03	0	21.74	26.39	5.317	-0.003	16.81
6/30/2013 9:00	34466	8.49	324.1	19.16	11.74	6.889	322	19.94	9.95	72.95	73.22	60.7	57.44	0	154.8	26.43	5.314	-0.003	12.11
6/30/2013 10:00	34467	5.253	31.23	33.73	11.74	3.896	25.64	33.5	9.95	79.09	80.5	46.69	46.01	0	530.7	26.48	5.309	-0.005	11.66
6/30/2013 11:00	34468	9.71	56.07	19.9	17.1	6.104	47.77	23.52	11.74	79.67	81.8	47.81	46.07	0	669.4	26.51	5.3	-0.01	17
6/30/2013 12:00	34469	9.54	82.5	26.92	24.26	6.32	74.78	33.97	22.47	81.4	84.1	45.21	43.39	0	863	26.52	5.278	-0.022	15.99
6/30/2013 13:00	34470	6.79	108.2	37.3	17.1	4.976	101.9	45.37	13.52	84.1	86.1	41.61	41.16	0	951	26.52	5.261	-0.016	15.48
6/30/2013 14:00	34471	6.596	87.3	46.94	15.31	4.809	82.2	57.21	11.74	87.7	89.5	35.2	35.48	0	1006	26.51	5.242	-0.019	11.41
6/30/2013 15:00	34472	6.433	79.03	55.57	15.31	4.591	68.76	61.96	11.74	90.2	92	29.91	30.27	0	1010	26.49	5.21	-0.031	11.54
6/30/2013 16:00	34473	6.879	98	51	22.47	4.931	93.7	58.76	18.89	92.4	94	26.78	27.16	0	935	26.48	5.194	-0.016	16.2
6/30/2013 17:00	34474	10.04	90.5	33.6	18.89	6.662	86.4	40.7	13.52	91.8	94.2	26.04	25.65	0	854	26.47	5.166	-0.029	11.41
6/30/2013 18:00	34475	10.4	82.3	24.47	20.68	6.862	76.9	33.7	15.31	91.2	93.4	25.78	25.49	0	667.8	26.44	5.134	-0.031	11.36
6/30/2013 19:00	34476	11.59	81.1	18.64	20.68	7.475	75.94	28.02	18.89	90.3	92	27.3	26.99	0	483.4	26.42	5.096	-0.038	16.7
6/30/2013 20:00	34477	10.7	99.8	14.99	18.89	6.864	95.9	27.02	13.52	89.5	90.1	29.46	29.73	0	248.2	26.41	5.068	-0.028	11.48
6/30/2013 21:00	34478	12.34	102.4	11.99	20.68	7.27	98	26.41	13.52	86.6	86.5	34	34.64	0	24.25	26.4	5.049	-0.019	16.94
6/30/2013 22:00	34479	9.18	101.3	9.94	17.1	5.4	95	24.56	11.74	84.3	83.9	36.86	37.66	0	0.333	26.42	5.037	-0.013	11.43
6/30/2013 23:00	34480	9.53	108.8	8.79	13.52	5.223	106.9	25.02	9.95	82.2	81.6	39.04	39.95	0	0.041	26.42	5.021	-0.015	16.45
7/1/2013 0:00	34481	8.6	94.6	9.35	13.52	5.01	88.7	22.22	9.95	80.1	79.58	43.25	43.5	0	0.039	26.44	5.015	-0.006	16.24
7/1/2013 1:00	34482	8.26	92.2	9.24	20.68	4.832	86.3	21.12	15.31	78.71	78.34	47.78	47.22	0	0.036	26.44	5.006	-0.009	16.95
7/1/2013 2:00	34483	9.84	87.2	15.39	18.89	5.725	79.14	24.97	13.52	77.38	77.13	52.27	50.96	0	0.038	26.43	5	-0.007	11.74
7/1/2013 3:00	34484	10.37	78.72	13.36	17.1	5.863	68.09	22.41	13.52	76.94	76.76	52.99	51.58	0	0.037	26.44	4.993	-0.006	16.94
7/1/2013 4:00	34485	25.25	16.64	14.67	45.73	18.76	12.55	13.81	42.15	70.5	70.85	72.55	66.82	0	0.022	26.47	4.984	-0.009	11.31
7/1/2013 5:00	34486	19.16	23.09	10.42	33.21	14.11	16.98	12.23	29.63	65.7	65.76	88.8	81.9	0.02	0.001	26.47	4.978	-0.006	11.79
7/1/2013 6:00	34487	7.007	74.45	24.16	17.1	4.03	68.63	30.12	11.74	64.8	64.6	90.7	84.5	0.04	0.001	26.48	4.978	0	15.31
7/1/2013 7:00	34488	12.22	60.89	9.19	18.89	7.023	52.45	17.24	13.52	64.74	64.6	93.2	86.6	0.01	0.336	26.47	4.981	0.003	11.64
7/1/2013 8:00	34489	12.71	49.58	11.5	20.68	6.949	41.44	16.07	15.31	65.14	64.91	90.4	84.7	0	14.07	26.48	4.981	0	16.84
7/1/2013 9:00	34490	8.39	47.57	12.72	17.1	4.641	38.69	17.08	11.74	65.77	65.59	88.2	82.6	0.01	50.24	26.5	4.981	0	11.73
7/1/2013 10:00	34491	9.98	56.5	15.13	17.1	5.914	49.29	20.06	11.74	66.74	66.61	83.7	78.94	0	90.1	26.5	4.981	0	16.92
7/1/2013 11:00	34492	10.53	72.98	10.41	17.1	6.64	66.29	18.62	13.52	68.08	68.06	76.16	72.58	0	123.7	26.51	4.981	0	11.35
7/1/2013 12:00	34493	9.92	92.2	11.23	17.1	6.21	87	21.48	13.52	68.97	69.12	71.42	68.36	0	173	26.54	4.978	-0.003	16.8
7/1/2013 13:00	34494	7.084	124.4	30.95	15.31	4.995	124.8	38.84	11.74	72.74	74.12	62.49	59.81	0	607.5	26.56	4.98	0.002	11.81
7/1/2013 14:00	34495	7.519	167.9	28.02	13.52	4.982	171.4	31.88	9.95	72.31	73.39	63.09	59.64	0	296.5	26.58	4.983	0.003	15.83
7/1/2013 15:00	34496	7.399	180.4	19.31	13.52	5.059	182.2	23.75	9.95	72.45	73.21	62.76	59.48	0	359.7	26.56	4.98	-0.003	12
7/1/2013 16:00	34497	7.1	193.2	31.65	13.52	5.344	195.7	35.45	11.74	76.43	77.4	51.6	49.71	0	780.6	26.55	4.983	0.003	11.67
7/1/2013 17:00	34498	7.096	160.5	35.63	13.52	5.019	161.8	38.05	11.74	78.03	79.28	46.72	45.59	0	716.6	26.55	4.983	0	11.67
7/1/2013 18:00	34499	7.384	157.1	27.97	18.89	5.174	157.6	34.03	11.74	78.8	80.2	43.5	42.65	0	666.3	26.54	4.98	-0.003	11.42
7/1/2013 19:00	34500	6.611	138.9	33.51	15.31	4.56	140.2	39.41	9.95	78.7	79.87	44.92	44.05	0	433.4	26.52	4.97	-0.01	12.49

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/1/2013 20:00	34501	6.537	140.5	33.86	13.52	4.299	142.6	38.02	9.95	78.08	78.2	45.57	45.58	0	252	26.51	4.961	-0.01	12.57
7/1/2013 21:00	34502	5.353	145.3	18.41	9.95	2.854	144.2	24.85	8.16	75.77	75.34	49.5	49.9	0	33.19	26.51	4.942	-0.019	11.66
7/1/2013 22:00	34503	4.512	169.5	13.38	6.368	1.237	161.2	17.83	2.789	73.36	71.33	55.66	58.78	0	0.308	26.5	4.937	-0.005	16.11
7/1/2013 23:00	34504	3.976	177.6	16.26	6.368	0.771	152.1	17.69	2.789	72.47	70.45	58.94	62.21	0	0.027	26.51	4.934	-0.003	16.45
7/2/2013 0:00	34505	5.725	193.2	18.38	9.95	3.171	192.9	20.83	6.368	71.99	71.26	62.73	61.68	0	0.03	26.51	4.93	-0.003	11.61
7/2/2013 1:00	34506	5.183	227.1	15.53	9.95	3.655	225.7	17.07	6.368	70.71	70.46	67.1	63.77	0	0.039	26.51	4.924	-0.006	12.67
7/2/2013 2:00	34507	5.363	266.7	14.67	8.16	3.851	261.4	16.76	6.368	69.51	69.13	73.72	69.48	0	0.035	26.52	4.921	-0.003	16.87
7/2/2013 3:00	34508	6.658	285.9	9.18	9.95	5.062	282.3	12.74	8.16	69.28	69.1	74.68	70.07	0	0.024	26.51	4.918	-0.003	10.91
7/2/2013 4:00	34509	4.503	341.6	48.05	8.16	3.334	335.3	42.36	8.16	69.51	69.44	73.86	69.32	0	0.034	26.51	4.915	-0.003	11.54
7/2/2013 5:00	34510	7.412	328.4	20.6	13.52	5.734	325.4	23.63	11.74	68.31	68.2	79.09	74.49	0.08	0.024	26.51	4.921	0.006	16.85
7/2/2013 6:00	34511	6.81	308.8	20.99	11.74	4.639	307.3	25.02	8.16	66.75	66.13	84.6	81.5	0	0.008	26.5	4.921	0	16.98
7/2/2013 7:00	34512	4.887	10.29	12.66	11.74	3.082	5.234	14.56	9.95	66.07	65.63	87.2	82.1	0	1.985	26.49	4.921	0	11.88
7/2/2013 8:00	34513	7.416	46.19	13.29	13.52	4.318	40.58	17.2	9.95	65.08	64.53	70.89	69.05	0	74.8	26.5	4.921	0	11.91
7/2/2013 9:00	34514	10.39	74.71	14.84	17.1	6.202	68.63	22.41	11.74	66.95	67.07	58.85	58.05	0	199.5	26.53	4.924	0.003	15.72
7/2/2013 10:00	34515	10	96.7	12.48	17.1	6.509	91	22.56	13.52	71.06	71.86	48.61	48.79	0	369.7	26.55	4.921	-0.003	16.61
7/2/2013 11:00	34516	9.07	106.4	14.63	15.31	5.69	104.2	24.34	11.74	72.49	73.05	46.88	47.51	0	233.9	26.58	4.92	-0.001	11.85
7/18/2013 13:00	34566	12.03	146.6	15.96	22.47	7.445	148	22.39	15.31	73.47	74.45	73.11	69.61	0	433.7	26.57	9.19	0.018	13.53
7/18/2013 14:00	34567	16.47	148.4	11.43	27.84	9.85	153.1	18.57	20.68	72.42	73.86	78.34	73.07	0	458.6	26.58	9.22	0.025	13.45
7/18/2013 15:00	34568	8.11	139.1	21.7	20.68	5.125	147	27.18	15.31	69.86	70.59	87.4	83	0.03	398.3	26.55	9.26	0.043	13.33
7/18/2013 16:00	34569	9.3	132.6	19.56	24.26	5.686	151.4	25.56	17.1	71.64	71.89	83.3	80.4	0.16	215	26.53	9.36	0.104	13.35
7/18/2013 17:00	34570	6.207	137.5	14.59	17.1	3.801	140.8	19.58	13.52	73.61	73.45	77.59	76.65	0	194.6	26.5	9.41	0.046	13.46
7/18/2013 18:00	34571	7.72	180.5	41.92	17.1	5.066	183.7	45.32	11.74	73.53	73.54	76.18	73.79	0	132.1	26.49	9.43	0.018	12.54
7/18/2013 19:00	34572	6.71	122.9	25.09	15.31	4.16	123	29.09	9.95	75.06	75.09	73	71.03	0	106.1	26.48	9.43	0.005	13.64
7/18/2013 20:00	34573	7.854	123	13.52	13.52	4.621	130.7	21.7	9.95	74.75	74.32	70.19	69.59	0	65.38	26.47	9.43	0.001	12.22
7/18/2013 21:00	34574	6.056	127.9	8.33	9.95	3.066	137.1	17.01	6.368	74.14	73.31	71.3	71.22	0	28.53	26.46	9.43	0	12.51
7/18/2013 22:00	34575	6.954	117.4	7.977	11.74	3.684	127.3	18.48	8.16	71.42	70.51	80.5	78.24	0	0.24	26.46	9.44	0.002	13.67
7/18/2013 23:00	34576	6.253	113.3	9.72	9.95	3.281	114.6	20.34	6.368	69.97	69.2	86.4	82.7	0	0.026	26.46	9.44	0	12.43
7/19/2013 0:00	34577	7.337	116.7	8.64	11.74	4.122	115.8	19.68	8.16	69.35	68.58	87.3	83.7	0	0.026	26.47	9.43	-0.003	12.49
7/19/2013 1:00	34578	6.817	118.6	8.79	15.31	3.877	117.5	18.97	9.95	68.09	67.49	90.5	85.6	0	0.017	26.47	5.219	-4.214	13.27
7/19/2013 2:00	34579	7.278	124.4	9.32	11.74	4.091	123.7	19.1	8.16	67.38	66.95	94.3	88.3	0	0.025	26.47	2.292	-2.927	13.4
7/19/2013 3:00	34580	6.937	126.1	8.61	9.95	3.956	125.6	18.16	8.16	66.75	66.47	96.9	90.3	0	0.041	26.47	2.426	0.133	13.51
7/19/2013 4:00	34581	5.167	137.9	10.99	8.16	2.703	138.4	16.96	6.368	66.44	66.09	96.6	91.4	0	0.044	26.46	1.849	-0.577	13.46
7/19/2013 5:00	34582	4.113	126.5	9.12	6.368	1.19	124.4	12.89	4.578	66.06	65.27	94.1	91	0	0.062	26.45	1.696	-0.152	13.39
7/19/2013 6:00	34583	4.487	124.8	10.61	8.16	1.503	119	13.27	4.578	65.2	64.46	94.5	90.9	0	0.066	26.43	1.979	0.282	13.48
7/19/2013 7:00	34584	5.319	143.4	9.43	8.16	2.635	142.5	15.61	6.368	65.05	64.47	93.7	90.2	0	1.455	26.43	1.795	-0.184	13.46
7/19/2013 8:00	34585	2.579	95.6	28.35	6.368	0.512	77	13.93	4.578	66.02	65.52	92.4	89.1	0	50.68	26.44	2.048	0.254	13.59
7/19/2013 9:00	34586	5.058	150.4	14.85	11.74	2.769	160.5	17.06	8.16	67.34	67.42	91.1	86.1	0	104.3	26.46	1.734	-0.314	13.39
7/19/2013 10:00	34587	8.52	178.3	15.72	15.31	5.289	183.5	20.14	9.95	68.7	69.02	88.5	83.1	0	155.5	26.48	1.547	-0.187	13.5
7/19/2013 11:00	34588	9.27	182.5	16.44	17.1	5.972	187.4	21.31	13.52	71.23	71.88	80	75.56	0	356.6	26.5	1.515	-0.032	13.51
7/19/2013 12:00	34589	11.79	169.1	14.19	20.68	7.309	173.2	19.9	15.31	74.61	75.94	69.16	66.19	0	563.9	26.52	1.895	0.38	13.65
7/19/2013 13:00	34590	12.82	174.9	13.71	22.47	8.13	176.5	19.56	17.1	75.87	77.01	66.89	64.43	0	596.1	26.52	0.349	-1.547	13.56
7/19/2013 14:00	34591	10.09	181.4	18.14	18.89	6.89	184.6	23.5	13.52	79.22	80.7	57.85	56.75	0	875	26.52	0.707	0.358	13.34
7/19/2013 15:00	34592	9.51	188.3	22.97	18.89	6.627	190.5	26.88	15.31	81	82.1	54.41	54.05	0	796.2	26.51	0.685	-0.022	13.59
7/19/2013 16:00	34593	8.15	168.7	20.55	17.1	5.586	171.4	28.28	13.52	82.1	83.3	50.32	50.58	0	650	26.5	0.83	0.146	12.33
7/19/2013 17:00	34594	9.32	141.9	16.77	15.31	5.894	142.8	24.19	11.74	82.1	82.9	48.99	49.96	0	280.1	26.47	0.998	0.168	12.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/19/2013 18:00	34595	11.14	161.7	24.48	20.68	7.203	163.3	29.63	15.31	84.1	85.2	43.34	44.6	0	667.4	26.43	0.697	-0.301	12.21
7/19/2013 19:00	34596	10.37	158.5	24.83	18.89	6.657	160.5	30.07	13.52	84.6	85.8	41.18	42.57	0	484.6	26.42	0.482	-0.216	13.4
7/19/2013 20:00	34597	10.1	170.2	13.62	18.89	6.162	172.7	19.51	15.31	84	84.2	41.7	43.77	0	232.7	26.42	0.78	0.298	13.48
7/19/2013 21:00	34598	9.16	150.9	12.31	17.1	5.095	151.1	18.27	11.74	81.7	81.3	46.33	48.54	0	59.01	26.41	1.487	0.707	12.59
7/19/2013 22:00	34599	6.423	149	11.11	9.95	2.9	142.3	19.87	6.368	77.75	76.11	55.14	58.56	0	0.306	26.4	1.537	0.051	13.62
7/19/2013 23:00	34600	7.158	128.2	12.56	11.74	3.422	119.6	23.37	6.368	75.46	73.78	62.97	65.59	0	0.031	26.41	1.569	0.032	13.5
7/20/2013 0:00	34601	6.353	151.7	8.45	11.74	2.729	143.8	16.75	8.16	73.17	71.57	68.78	70.05	0	0.035	26.42	1.557	-0.013	13.48
7/20/2013 1:00	34602	4.582	145.8	10.62	6.368	0.796	113.9	7.283	2.789	71.14	68.72	74.04	76.66	0	0.016	26.42	1.363	-0.193	12.2
7/20/2013 2:00	34603	5.174	164.8	6.289	8.16	1.129	157.9	10.11	4.578	69.74	67.57	77.96	78.95	0	0.005	26.4	1.208	-0.155	12.21
7/20/2013 3:00	34604	5.383	158	8.83	8.16	1.71	154.1	12.1	4.578	68.83	67.04	79.38	78.97	0	0.004	26.38	1.113	-0.095	12.21
7/20/2013 4:00	34605	4.764	131.2	7.467	6.368	0.8	91.7	5.915	4.578	68.2	65.68	80.6	81.3	0	0.003	26.37	1.027	-0.086	12.21
7/20/2013 5:00	34606	5.991	130.8	5.839	8.16	2.015	108.8	13.02	4.578	67.7	65.12	82	82.8	0	0.004	26.35	1.122	0.095	12.26
7/20/2013 6:00	34607	4.451	108.5	15.01	6.368	1.312	73.67	11.97	4.578	67.59	65.34	82.1	82	0	0.003	26.34	1.03	-0.092	12.24
7/20/2013 7:00	34608	6.414	90.5	6.631	9.95	2.868	78.13	14.15	4.578	67.12	65.12	83.2	82.4	0	0.766	26.34	1.129	0.098	13.44
7/20/2013 8:00	34609	5.903	102.1	12.73	8.16	3.179	92.1	20.1	6.368	67.41	66.34	83.7	81.1	0	66.87	26.36	2.321	1.192	13.52
7/20/2013 9:00	34610	8.69	143.2	15.45	15.31	5.459	143.8	22.83	11.74	72.13	72.94	74.95	70.73	0	254.6	26.4	2.66	0.339	13.57
7/20/2013 10:00	34611	11.44	169.5	11.84	17.1	7.057	169.8	18.63	13.52	74.69	76.06	71.14	66.91	0	448.5	26.43	0.434	-2.226	13.62
7/20/2013 11:00	34612	14.42	159.7	12.06	26.05	8.69	160.1	18.86	17.1	77.25	78.74	65.32	62.2	0	599.5	26.44	0.751	0.317	13.6
7/20/2013 12:00	34613	16.03	169.6	12.45	31.42	9.73	170.6	19.26	22.47	79.41	80.8	57.89	56.17	0	688.8	26.44	0.374	-0.377	13.64
7/20/2013 13:00	34614	14.36	157.7	16.68	22.47	9	158.9	22.41	18.89	82.5	84.6	51.09	49.74	0	1019	26.45	-0.162	-0.536	13.61
7/20/2013 14:00	34615	13.79	160	16.51	22.47	8.52	161.4	22.97	18.89	83.7	85.6	47.69	47.01	0	793.3	26.44	-0.415	-0.254	13.7
7/20/2013 15:00	34616	13.65	171.4	15.8	22.47	8.8	174.1	22.1	18.89	85.7	87.6	42.91	42.93	0	954	26.43	-0.517	-0.101	13.59
7/20/2013 16:00	34617	12.39	162.5	19.51	22.47	7.961	164.8	26.55	15.31	86.7	88.5	40.03	40.61	0	795.5	26.42	-0.33	0.187	13.57
7/20/2013 17:00	34618	13.49	150.6	19.71	22.47	8.29	153.1	24.73	17.1	86.2	87.4	40.84	41.75	0	436.2	26.39	0.003	0.333	13.5
7/20/2013 18:00	34619	15.17	144.5	16.22	26.05	9.22	146.7	22.56	20.68	86.7	87.9	39.47	40.5	0	569.9	26.36	-0.653	-0.656	13.57
7/20/2013 19:00	34620	16.85	155.1	13.12	26.05	10.03	156.4	19.93	20.68	86.8	88.1	39.27	40.07	0	451.8	26.35	-0.488	0.165	13.46
7/20/2013 20:00	34621	16.42	161	9.99	26.05	9.53	162.7	17.49	18.89	84.2	84.3	44.06	45.11	0	138.3	26.35	0.273	0.761	13.65
7/20/2013 21:00	34622	13.14	166.9	8.52	20.68	7.569	168.5	16.84	15.31	81.9	81.5	47.59	48.62	0	26.81	26.34	1.163	0.891	12.23
7/20/2013 22:00	34623	9.43	164.8	8.32	17.1	5.144	165.1	15.83	9.95	79.09	78.3	54.03	54.73	0	0.211	26.34	1.274	0.111	12.24
7/20/2013 23:00	34624	8.54	170.5	7.896	13.52	4.602	172	16.74	8.16	76.78	75.9	60.23	60.26	0	0.024	26.34	1.493	0.219	13.39
7/21/2013 0:00	34625	10.61	164.6	8.07	18.89	5.947	164.5	15.66	13.52	74.99	74.31	65.76	64.48	0	0.028	26.35	1.176	-0.317	13.6
7/21/2013 1:00	34626	11	168.7	7.907	22.47	6.098	169	16.79	13.52	73.16	72.61	71.91	69.3	0	0.02	26.35	1.392	0.216	13.51
7/21/2013 2:00	34627	8.81	177.6	9.81	15.31	5.035	179.4	16.97	9.95	70.93	70.32	77.14	73.67	0	0.009	26.34	1.509	0.117	13.4
7/21/2013 3:00	34628	6.01	170.6	8.96	9.95	2.474	166.7	14.71	6.368	68.68	67.54	83.3	79.82	0	0.005	26.33	1.313	-0.197	13.47
7/21/2013 4:00	34629	4.844	156.8	9.94	8.16	0.885	156.9	7.89	4.578	67.23	65.87	87.6	83.9	0	0.002	26.31	1.113	-0.2	13.51
7/21/2013 5:00	34630	5.372	139.6	9.35	9.95	1.812	129.2	14.29	4.578	66.48	65.18	90.3	86.5	0	0.001	26.3	0.973	-0.14	13.36
7/21/2013 6:00	34631	3.676	96.8	11.21	6.368	0.876	67.35	7.664	2.789	65.97	64.95	92.3	87.5	0	0.001	26.31	1.195	0.222	13.49
7/21/2013 7:00	34632	5.044	105.7	6.185	8.16	1.616	84	11.67	4.578	65.84	64.37	92.5	88.6	0	0.577	26.31	1.3	0.105	13.58
7/21/2013 8:00	34633	6.22	120.5	12.21	11.74	3.141	116.3	21.09	9.95	66.79	65.81	90.3	87.4	0	66.36	26.32	1.826	0.526	12.52
7/21/2013 9:00	34634	10.51	155.4	12.77	20.68	6.342	155.6	19.32	15.31	71.26	71.92	80.8	75.94	0	251.1	26.34	2.879	1.053	12.22
7/21/2013 10:00	34635	14.26	169.5	10.75	20.68	8.63	171	18.67	15.31	74.41	75.7	70.35	66.07	0	456	26.38	0.466	-2.413	13.54
7/21/2013 11:00	34636	11.97	169.1	13.8	20.68	7.617	170.4	19.78	17.1	77.38	78.92	62.71	59.49	0	641.5	26.4	0.903	0.437	13.66
7/21/2013 12:00	34637	10.14	174.6	22.45	18.89	6.817	177.3	27.82	13.52	80.3	81.9	56.7	54.46	0	813	26.42	0.735	-0.168	13.7
7/21/2013 13:00	34638	9.41	184	23.63	17.1	6.455	186.3	27.46	13.52	82.6	84	51.34	50.03	0	886	26.43	0.71	-0.025	13.52
7/21/2013 14:00	34639	8.09	188.7	27.45	15.31	5.674	190.9	31.93	11.74	84.8	85.9	46.28	46.23	0	742.9	26.42	0.466	-0.244	13.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/21/2013 15:00	34640	9.51	172.7	33.64	22.47	6.654	174.8	38.27	15.31	86.7	88.2	40.69	41.33	0	976	26.41	-0.136	-0.602	13.56
7/21/2013 16:00	34641	9.8	194.2	27.95	24.26	6.909	198.1	32.88	18.89	88.1	89.2	36.58	37.51	0	825	26.4	0.951	1.087	13.72
7/21/2013 17:00	34642	9.61	162.6	25.1	20.68	6.38	164.1	30.36	15.31	88	89.2	37.04	38.06	0	561.1	26.38	1.331	0.38	13.79
7/21/2013 18:00	34643	9.18	159.7	25.77	22.47	5.879	160.6	30.67	20.68	87.8	88.4	37.57	39.06	0	395.8	26.37	0.685	-0.646	13.77
7/21/2013 19:00	34644	9.57	144.4	14.72	18.89	5.807	146.1	22.6	13.52	87.1	87.7	38.25	39.89	0	276.4	26.35	0.513	-0.171	13.67
7/21/2013 20:00	34645	9.9	148.4	14.44	18.89	6.123	150.4	21.45	13.52	87.6	87.7	38.11	40.01	0	233	26.34	0.954	0.441	13.66
7/21/2013 21:00	34646	10	143.3	12.86	15.31	5.755	144	19.53	11.74	85.5	85.1	41.95	44.08	0	59.68	26.35	1.42	0.466	13.72
7/21/2013 22:00	34647	7.503	141	7.104	11.74	3.8	140.7	15.75	8.16	81.4	80.3	50.52	52.57	0	0.195	26.35	1.655	0.235	13.58
7/21/2013 23:00	34648	7.588	143.8	7.245	11.74	3.884	141.3	15.77	8.16	79.19	78	56.71	58	0	0.028	26.36	1.712	0.057	13.6
7/22/2013 0:00	34649	9.23	155.4	11.41	18.89	5.013	155.6	18.72	11.74	77.51	76.48	61.75	61.97	0	0.019	26.36	0.964	-0.748	12.35
7/22/2013 1:00	34650	13.24	166	8.97	27.84	7.436	166.8	17.05	17.1	76.44	75.96	64.61	63.24	0	0.028	26.37	0.78	-0.184	12.63
7/22/2013 2:00	34651	9.76	170.2	8.44	18.89	5.526	172	17.5	13.52	73.62	73.09	70.68	68.11	0	0.025	26.37	1.455	0.675	12.75
7/22/2013 3:00	34652	5.344	175.7	13.16	11.74	2.225	171.7	16.43	6.368	71.79	70.85	77.97	75.07	0	0.01	26.35	1.538	0.082	12.49
7/22/2013 4:00	34653	5.887	148	9.95	8.16	2.649	142.8	17.1	6.368	70.13	69.1	83.6	80.2	0	0.007	26.33	1.497	-0.041	12.72
7/22/2013 5:00	34654	4.696	136.6	8.96	6.368	1.199	127.4	12.7	4.578	68.97	67.89	87.9	83.8	0	0.005	26.32	1.062	-0.434	12.47
7/22/2013 6:00	34655	4.009	134.5	8.2	6.368	0.482	123	6.153	4.578	68.34	67.23	91.5	86.8	0	0.003	26.31	1.034	-0.029	12.54
7/22/2013 7:00	34656	4.722	138.2	9.22	8.16	1.495	132.8	12.8	4.578	67.9	67.15	94.7	89.1	0	0.679	26.31	1.325	0.292	13.5
7/22/2013 8:00	34657	4.026	114.5	13.29	6.368	2.03	107.1	19.17	4.578	68.8	68.34	94.2	89.7	0	58.5	26.31	2.105	0.78	13.64
7/22/2013 9:00	34658	6.81	173.9	15.05	11.74	4.475	176.9	21.7	8.16	72.65	73.33	84	78.86	0	246.7	26.35	3.17	1.065	13.69
7/22/2013 10:00	34659	8.75	182	14.96	15.31	5.808	184.9	20.28	9.95	75.73	76.99	74.05	69.22	0	399.7	26.38	2.767	-0.403	12.6
7/22/2013 11:00	34660	10.16	201.1	15.37	15.31	7.168	202.1	18.94	13.52	79.39	80.5	64.63	61.65	0	550.1	26.4	0.773	-1.994	12.72
7/22/2013 12:00	34661	9.47	207.9	17.29	15.31	6.924	208.3	19.61	11.74	82.8	83.8	56.52	55.01	0	787.9	26.42	1.192	0.418	12.4
7/22/2013 13:00	34662	9.61	204.7	20.83	15.31	7.087	205.6	22.17	13.52	86.1	87.2	48.06	47.85	0	935	26.43	0.77	-0.422	13.17
7/22/2013 14:00	34663	8.74	189	25	17.1	6.157	189.7	28.35	13.52	88.8	90	41.89	42.68	0	872	26.44	0.431	-0.339	12.3
7/22/2013 15:00	34664	8.49	189.9	28.26	18.89	6.003	192.1	31.05	15.31	90.1	91.3	38.4	39.48	0	861	26.43	0.602	0.171	12.28
7/22/2013 16:00	34665	8.08	179	36.93	17.1	5.692	182.3	38.24	13.52	91.5	92.7	35.78	36.99	0	872	26.41	0.627	0.025	13.08
7/22/2013 17:00	34666	9.27	173.8	27.44	20.68	6.386	176.3	31.33	15.31	92.2	93.4	33.59	34.64	0	794.8	26.39	0.368	-0.26	12.22
7/22/2013 18:00	34667	11.04	134.4	17	20.68	7.114	134.9	26.32	17.1	92.3	94.2	33.09	34	0	712.3	26.38	0.38	0.013	12.39
7/22/2013 19:00	34668	11.93	137	16.28	20.68	7.295	138.9	23.73	15.31	90.6	91.2	34.65	36.15	0	263.1	26.36	0.409	0.029	12.36
7/22/2013 20:00	34669	12.84	137.6	10.6	18.89	7.754	139.1	18.73	13.52	90.2	90.5	35.51	37.24	0	203.5	26.35	0.761	0.352	13.31
7/22/2013 21:00	34670	10.22	137.2	17.74	17.1	5.905	138.2	23.86	11.74	88.2	87.9	38.03	40.31	0	55.88	26.35	1.464	0.704	12.27
7/22/2013 22:00	34671	9.28	170.5	13.22	15.31	5.135	170.4	19.82	9.95	84.7	83.8	45.17	47.24	0	0.21	26.36	1.369	-0.095	12.54
7/22/2013 23:00	34672	10.9	165.7	8.6	24.26	5.982	165.8	16.57	18.89	82.4	81.6	52.51	53.56	0	0.035	26.36	0.865	-0.504	12.29
7/23/2013 0:00	34673	14.18	176.1	8.92	22.47	8.12	178.2	16.53	17.1	81	80.6	59.71	59.07	0	0.038	26.37	1.287	0.422	12.25
7/23/2013 1:00	34674	12.4	179.9	9.21	18.89	7.253	181.9	16.5	13.52	78.72	78.3	65.67	64.2	0	0.027	26.38	1.087	-0.2	12.31
7/23/2013 2:00	34675	10.84	179.2	8.37	17.1	6.361	180.6	16.36	15.31	77.09	76.67	70.78	68.6	0	0.025	26.38	1.354	0.266	12.23
7/23/2013 3:00	34676	9	178.9	8.91	17.1	5.152	180.2	16	11.74	75.61	75.12	75.09	72.41	0	0.021	26.37	1.509	0.155	12.25
7/23/2013 4:00	34677	5.31	165.7	10.55	9.95	1.857	171.5	13.05	6.368	73.91	72.94	78.92	76.5	0	0.012	26.35	1.303	-0.206	12.22
7/23/2013 5:00	34678	5.566	154.4	9.48	9.95	1.772	150.4	13.39	6.368	72.22	70.97	83	80.7	0	0.007	26.34	1.417	0.114	12.24
7/23/2013 6:00	34679	5.894	150.5	8.98	9.95	2.836	147.2	15.88	6.368	71.43	70.66	83.8	80.4	0	0.008	26.33	1.411	-0.006	12.22
7/23/2013 7:00	34680	5.641	149.9	10.15	9.95	2.408	149.5	14.72	6.368	70.61	69.82	85.2	81.4	0	1.016	26.33	1.186	-0.225	12.26
7/23/2013 8:00	34681	4.245	140.1	20.48	8.16	1.607	141	22.65	6.368	71.14	70.57	84.6	80.7	0	61.96	26.33	2.768	1.582	12.26
7/23/2013 9:00	34682	10.28	180.6	9.5	15.31	6.426	183.2	16.61	11.74	75.11	75.91	75.27	70.64	0	250.3	26.36	0.808	-1.96	12.84
7/23/2013 10:00	34683	10.25	195.8	14.03	17.1	6.947	196.9	18.02	11.74	79.15	80.4	65.82	62.53	0	471.4	26.39	1.106	0.298	12.25
7/23/2013 11:00	34684	9.37	199.6	16.62	17.1	6.577	201.3	19.84	13.52	82.9	84	57.56	55.73	0	630.8	26.41	0.751	-0.355	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/23/2013 12:00	34685	11.47	200.6	16.39	20.68	8	200.9	20.2	15.31	85.5	86.9	51.12	50.05	0	835	26.43	0.349	-0.403	12.27
7/23/2013 13:00	34686	10.25	200.7	21.41	18.89	7.316	201.1	23.96	15.31	87.9	89.2	44.14	44.3	0	942	26.44	0.558	0.209	13.45
7/23/2013 14:00	34687	9.91	205.1	23.07	18.89	7.254	206.4	24.87	15.31	90.7	91.8	38.06	39.16	0	992	26.44	0.374	-0.184	13.45
7/23/2013 15:00	34688	11.09	183.4	24.93	22.47	7.458	185.8	28.39	17.1	92.7	94.5	34.48	35.14	0	941	26.43	0.627	0.254	13.53
7/23/2013 16:00	34689	10.61	178.6	22.36	18.89	7.038	180.6	26.39	17.1	93	94.3	33.14	34.16	0	747.2	26.42	0.672	0.044	13.5
7/23/2013 17:00	34690	10.6	180.8	22.73	24.26	7.102	181.8	27.7	18.89	94.5	95.8	31.6	32.67	0	747.2	26.4	0.764	0.092	13.39
7/23/2013 18:00	34691	11.78	194.8	19.43	20.68	7.929	196.4	21.77	17.1	94.8	95.9	29.38	30.53	0	644.7	26.39	0.564	-0.2	13.34
7/23/2013 19:00	34692	10.83	192.3	18.44	18.89	7.286	194.4	21.62	15.31	94.8	95.8	29.61	30.84	0	474	26.37	0.241	-0.323	13.53
7/23/2013 20:00	34693	10.62	169.5	15.21	17.1	6.199	171	21.63	13.52	93.8	93.9	30.2	31.98	0	206.3	26.36	1.331	1.09	13.45
7/23/2013 21:00	34694	7.906	173.1	12.29	17.1	4.096	171	18.04	13.52	90.3	89	34.69	38.11	0	15.56	26.35	1.772	0.441	13.52
7/23/2013 22:00	34695	9.3	154.4	7.349	15.31	5.023	154.3	15.56	11.74	86.7	85.8	44.17	46.49	0	0.151	26.35	1.781	0.01	13.54
7/23/2013 23:00	34696	13.13	172.3	8.82	22.47	7.478	174.5	16.96	17.1	85.4	84.7	48.96	50.18	0	0.045	26.36	1.414	-0.368	13.41
7/24/2013 0:00	34697	14.56	172.6	8.35	22.47	8.46	174.5	16.88	15.31	83.3	82.8	54.22	54.49	0	0.051	26.37	1.075	-0.339	13.46
7/24/2013 1:00	34698	12.1	171.7	8.8	26.05	6.913	173.2	16.88	17.1	81.4	80.9	57.66	57.44	0	0.053	26.39	1.3	0.225	13.48
7/24/2013 2:00	34699	9.87	173	8.68	15.31	5.552	174.1	16.69	11.74	79.6	79.01	61.45	60.77	0	0.048	26.38	1.652	0.352	12.83
7/24/2013 3:00	34700	6.916	169	9.43	11.74	3.609	169.6	16.86	8.16	77.8	77	66.09	65.16	0	0.029	26.37	1.931	0.279	12.26
7/24/2013 4:00	34701	5.77	161.5	7.412	8.16	2.431	159	14.23	4.578	76.13	74.98	70.74	69.9	0	0.025	26.36	1.896	-0.035	13.36
7/24/2013 5:00	34702	5.402	166.5	8.9	8.16	1.936	164.1	13.66	4.578	74.83	73.71	74.6	73.18	0	0.012	26.34	1.852	-0.044	13.43
7/24/2013 6:00	34703	5.216	178.3	14.42	8.16	1.784	184.3	12.72	4.578	73.86	72.76	77.23	75.4	0	0.011	26.34	1.788	-0.063	13.21
7/24/2013 7:00	34704	3.857	192.7	14.7	6.368	0.105	194.2	4.762	2.789	73.05	71.76	79.49	77.79	0	0.208	26.34	1.503	-0.285	13.34
7/24/2013 8:00	34705	3.241	199.3	9.02	6.368	0.444	208	4.494	4.578	73.6	72.47	79.14	77.31	0	43.11	26.35	2.749	1.246	12.57
7/24/2013 9:00	34706	6.603	201.8	12.41	11.74	4.658	202.5	15.43	9.95	77.67	78.24	71.55	67.78	0	237.9	26.37	3.268	0.519	13.51
7/24/2013 10:00	34707	6.483	217.4	14.21	11.74	4.816	217.3	16.77	9.95	81.7	82.5	62.41	60.26	0	407.9	26.41	2.767	-0.501	13.63
7/24/2013 11:00	34708	5.763	205.5	20.93	9.95	4.264	206	25.14	9.95	86.6	87.1	51.14	51.28	0	637.8	26.44	1.864	-0.903	13.57
7/24/2013 12:00	34709	3.547	239.6	73.85	9.95	2.678	244.8	64.25	8.16	93	93	37.17	40.18	0	811	26.48	1.41	-0.453	13.5
7/24/2013 13:00	34710	5.146	137.2	82.9	15.31	3.866	140.4	81.9	11.74	95.5	95.6	32.5	35.63	0	815	26.5	0.837	-0.574	13.52
7/24/2013 14:00	34711	9.87	125.4	25.44	22.47	6.549	123	33.38	17.1	93.6	95.1	33.71	35.23	0	638.7	26.47	0.707	-0.13	13.58
7/24/2013 15:00	34712	13.83	57.17	31.03	24.26	8.9	52	33.32	20.68	86.1	86.5	46.65	48.05	0	142.2	26.45	0.805	0.098	13.6
7/24/2013 16:00	34713	14.54	130.4	17.54	29.63	8.68	130.6	25.25	20.68	82.7	82.4	48.1	49.41	0	56	26.43	1.664	0.859	12.23
7/24/2013 17:00	34714	7.036	135.4	12.6	13.52	4.12	133.1	20.65	11.74	80.5	80.2	56.15	56.26	0	25.13	26.41	2.53	0.866	12.41
7/24/2013 18:00	34715	3.053	8.96	79.14	6.368	2.021	334.3	62.74	6.368	82	81.5	54.04	56.3	0	105.7	26.39	2.685	0.155	12.74
7/24/2013 19:00	34716	3.665	269.1	41.94	9.95	2.683	270.2	36.19	9.95	82.8	82.6	56.81	57.26	0	86.2	26.39	2.599	-0.086	12.22
7/24/2013 20:00	34717	4.667	350.9	16.77	8.16	3.469	341.5	16.63	8.16	81.8	81.5	63.46	64.24	0	47.09	26.39	0.989	-1.61	12.23
7/24/2013 21:00	34718	4.602	42.5	23.09	8.16	2.695	40.19	27.86	6.368	82.3	81.8	62.73	62.85	0	19.59	26.39	1.896	0.907	12.44
7/24/2013 22:00	34719	5.056	47.81	14.88	8.16	2.458	42.01	16.72	6.368	80.4	79.37	68.32	68.5	0	0.115	26.4	1.363	-0.533	13.47
7/24/2013 23:00	34720	7.417	57.7	12.63	11.74	4.136	52.27	17.02	9.95	80.1	79.14	64.57	64.96	0	0.024	26.42	1.211	-0.152	12.83
7/25/2013 0:00	34721	7.577	92	8.24	11.74	4.338	84.1	16.9	8.16	79.24	78.41	62.29	62.46	0	0.019	26.43	1.899	0.688	12.48
7/25/2013 1:00	34722	5.267	115.6	32.51	15.31	2.622	105.6	44.83	6.368	78.7	77.39	60.44	61.76	0	0.008	26.43	2.073	0.174	12.5
7/25/2013 2:00	34723	6.135	329.2	23.38	13.52	3.721	326.5	30.41	9.95	77.27	76.21	65.22	65.19	0	0.006	26.44	0.958	-1.116	12.43
7/25/2013 3:00	34724	9.83	351.6	16.81	15.31	6.416	347.2	20.5	11.74	75.06	74.97	67.78	65.26	0	0.01	26.44	1.107	0.149	12.37
7/25/2013 4:00	34725	11.82	355.3	11.72	17.1	7.626	352	16.97	13.52	73.39	73.35	68.23	65.13	0	0.004	26.43	1.573	0.466	12.35
7/25/2013 5:00	34726	10.36	4.082	12.68	17.1	6.999	0.077	16.62	13.52	72.85	72.75	71.17	67.56	0	0.003	26.43	1.354	-0.219	12.24
7/25/2013 6:00	34727	11.51	4.54	11.65	20.68	7.767	359.1	17.79	15.31	71.83	71.75	72.72	68.7	0	0.003	26.44	1.313	-0.041	12.5
7/25/2013 7:00	34728	11.65	1.758	9.3	18.89	7.586	356.5	15.05	15.31	70.57	70.51	74.14	69.72	0	0.196	26.45	1.535	0.222	13.27
7/25/2013 8:00	34729	12.39	5.668	9.64	18.89	8.9	1.866	14.16	15.31	71.09	71.09	71.6	67.52	0	37.17	26.45	1.354	-0.181	13.59

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/25/2013 9:00	34730	13.15	13.4	10.96	24.26	9.75	9.85	15	22.47	73.31	73.65	65.49	62.39	0	211.6	26.46	1.164	-0.19	12.38
7/25/2013 10:00	34731	11.12	6.165	11.46	17.1	8.14	5.462	14.15	13.52	76.13	76.88	60.72	58.32	0	315.3	26.49	0.878	-0.286	13.62
7/25/2013 11:00	34732	8.42	356.3	13.98	13.52	6.305	359.9	17.97	11.74	77.44	78.1	59.71	57.69	0	335	26.52	0.78	-0.098	13.63
7/25/2013 12:00	34733	5.694	354	25.41	11.74	4.429	350.7	30.69	11.74	82	82.7	51.03	51.22	0	727.5	26.55	0.628	-0.152	13.63
7/25/2013 13:00	34734	5.861	316.6	39.51	13.52	4.833	313	40.43	11.74	86.5	86.9	43.02	44.6	0	682.7	26.57	1.116	0.488	13.61
7/25/2013 14:00	34735	4.971	270.9	50.91	13.52	4.101	268	49.16	11.74	88.3	88.7	40.22	41.76	0	773.9	26.56	1.258	0.143	13.61
7/25/2013 15:00	34736	7.679	187.8	37.01	15.31	5.658	192.5	41.42	11.74	89.8	90.7	37.7	38.8	0	980	26.56	0.859	-0.399	13.6
7/25/2013 16:00	34737	7.986	140	42.98	18.89	5.4	143.7	50.23	15.31	91.3	92.8	35.3	36.35	0	913	26.53	1.014	0.155	13.47
7/25/2013 17:00	34738	10.48	168.1	37.71	22.47	6.934	169.8	41.38	18.89	92.9	94.7	31.36	31.97	0	834	26.52	0.735	-0.279	13.67
7/25/2013 18:00	34739	10.04	179.4	32.34	18.89	6.582	179.1	35.91	15.31	91.9	92.7	29.77	31	0	335	26.49	1.176	0.441	13.54
7/25/2013 19:00	34740	11.56	192.5	17.82	20.68	7.46	193.4	21.57	15.31	92	92.3	27.43	28.76	0	239.2	26.47	0.837	-0.339	13.57
7/25/2013 20:00	34741	12.02	185.5	17.91	27.84	7.374	187.2	21.33	18.89	91.7	91.8	27.84	29.17	0	178.2	26.46	1.49	0.653	13.74
7/25/2013 21:00	34742	8.35	207.6	16.2	17.1	5.332	207.5	17.28	13.52	89.9	89.4	28.75	30.27	0	24.15	26.46	2.336	0.846	13.76
7/25/2013 22:00	34743	6.134	190.4	6.916	9.95	3.099	188	12.94	6.368	87.7	86.5	31.91	34.52	0	0.125	26.46	2.536	0.2	13.59
7/25/2013 23:00	34744	6.387	190.6	7.227	9.95	3.306	190.2	14.06	8.16	86.1	85	34.47	36.92	0	0.054	26.46	2.498	-0.038	13.6
7/26/2013 0:00	34745	4.534	211.5	19.5	8.16	1.681	208.9	27.02	4.578	83.1	81.3	39.66	43.19	0	0.029	26.46	2.07	-0.428	13.63
7/26/2013 1:00	34746	4.179	183.8	21.27	8.16	1.15	145.6	32.59	4.578	80.7	77.53	44.27	49.73	0	0.015	26.45	2.038	-0.031	13.54
7/26/2013 2:00	34747	4.51	187.5	9.82	8.16	0.975	174.8	10.93	2.789	79.24	76.44	47.81	52.19	0	0.009	26.44	1.959	-0.079	13.62
7/26/2013 3:00	34748	5.322	195.8	7.753	8.16	1.529	194.6	15.36	4.578	77.39	74.39	51.13	55.87	0	0.006	26.44	2.029	0.07	13.5
7/26/2013 4:00	34749	6.06	202.4	10.92	9.95	2.807	200	16.65	6.368	76.1	74.21	52.1	54.57	0	0.01	26.43	2.27	0.241	13.56
7/26/2013 5:00	34750	4.81	236.6	16.32	9.95	1.882	241.5	25.42	4.578	74.79	72.88	54.56	57.02	0	0.005	26.42	2.115	-0.155	13.21
7/26/2013 6:00	34751	2.97	258	22.03	4.578	0.545	324.8	3.711	2.789	74.27	71.14	54.42	60.5	0	0.003	26.41	2.181	0.067	12.21
7/26/2013 7:00	34752	3.393	243.7	22.79	6.368	0.745	306.9	21.08	2.789	73.39	70.01	56.62	62.92	0	0.155	26.4	2.194	0.013	13.62
7/26/2013 8:00	34753	5.052	331	26.66	15.31	2.765	344.6	18.45	11.74	73.3	71.25	58.31	61.39	0	48.38	26.41	2.749	0.555	13.37
7/26/2013 9:00	34754	7.303	10.33	16.38	13.52	4.975	3.268	21.73	9.95	74.68	74.65	59.05	57.6	0	114.1	26.44	1.078	-1.671	13.47
7/26/2013 10:00	34755	7.486	44.44	13.77	15.31	4.376	38.78	17.94	13.52	80.1	80.6	46.41	47.4	0	345.4	26.48	1.186	0.107	13.02
7/26/2013 11:00	34756	12.14	38	14.06	26.05	7.238	31.48	17.92	17.1	83.3	84.2	43.62	44.44	0	593.2	26.51	1.388	0.203	13.54
7/26/2013 12:00	34757	13.52	44.92	15.41	22.47	8.01	39.2	19.47	17.1	85.3	86.7	43.02	43.74	0	794.6	26.54	0.65	-0.739	12.28
7/26/2013 13:00	34758	13.45	43.98	15.54	24.26	8.11	38.72	20.16	18.89	87.3	89	41.64	42.52	0	911	26.55	0.583	-0.067	13.66
7/26/2013 14:00	34759	12.12	41.11	16.6	22.47	7.507	34.97	20.43	17.1	89.3	91	37.02	38.27	0	970	26.55	0.491	-0.092	12.28
7/26/2013 15:00	34760	13.2	34.21	21.71	22.47	8.72	27.73	26.74	18.89	90.6	92.4	34.42	35.34	0	980	26.54	-0.171	-0.662	13.47
7/26/2013 16:00	34761	13.43	33.25	21.68	24.26	8.46	27.73	24.44	18.89	91.7	93.4	31.08	32	0	914	26.54	-0.222	-0.051	12.37
7/26/2013 17:00	34762	14.56	38.24	20.95	26.05	9.15	31.68	24.3	22.47	91.9	93.3	28.74	29.52	0	806	26.51	0.029	0.25	12.45
7/26/2013 18:00	34763	14.6	45.63	15.08	24.26	8.41	39.34	18.59	18.89	92.1	93.3	25.75	26.58	0	644.5	26.5	-0.361	-0.39	13.55
7/26/2013 19:00	34764	15.31	57.35	14.97	24.26	9.07	51.32	20.42	20.68	90.9	91.7	26.69	27.52	0	390	26.49	9.43	9.79	13.53
7/26/2013 20:00	34765	14.67	52.59	12.62	24.26	8.32	45.98	17.37	18.89	90	90.1	26.48	27.42	0	239.4	26.49	9.43	0	12.23
7/26/2013 21:00	34766	13.09	57.65	11.34	22.47	7.61	51.44	17.98	17.1	87	86.6	30.75	31.79	0	23.89	26.5	9.43	0	12.24
7/26/2013 22:00	34767	10.74	59.95	9.4	17.1	6.699	55.59	15.82	11.74	83.1	82.6	34.89	35.9	0	0.128	26.5	9.43	0.001	12.23
7/26/2013 23:00	34768	9.39	56.44	9.45	15.31	5.341	50.35	16.38	9.95	79.76	79.26	42.27	42.88	0	0.015	26.52	9.43	0.001	12.3
7/27/2013 0:00	34769	10.36	61.26	9.69	17.1	6.381	56.9	16.99	13.52	77.56	77.16	50.94	50.29	0	0.013	26.53	9.44	0.001	12.25
7/27/2013 1:00	34770	8.51	71.54	8.53	17.1	5.212	66.74	17.07	9.95	75.56	75.14	60.76	58.95	0	0.012	26.52	9.44	0.001	12.22
7/27/2013 2:00	34771	8.59	61.63	10.48	15.31	5.249	57.17	17.04	9.95	74.08	73.71	66.33	63.64	0	0.005	26.52	9.44	0	12.31
7/27/2013 3:00	34772	8.88	69.83	7.309	11.74	5.504	65.62	16.48	9.95	72.67	72.3	69.56	66.36	0	0.005	26.51	9.44	0	12.27
7/27/2013 4:00	34773	8.47	67.15	8.58	11.74	5.159	63.1	16.62	8.16	71.27	70.78	72.64	69	0	0.005	26.48	9.44	0	12.21
7/27/2013 5:00	34774	7.671	67.17	9.25	11.74	4.544	63.32	16.82	8.16	69.77	69.21	75.96	71.8	0	0.001	26.47	9.43	-0.003	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/27/2013 6:00	34775	6.651	74.5	14.51	13.52	3.805	71.67	21.81	9.95	68.42	67.93	78.99	74.09	0	0.001	26.47	2.093	-7.34	12.24
7/27/2013 7:00	34776	1.321	74.19	14.33	6.368	0.24	70.45	7.098	4.578	66.4	65.16	83.8	79.2	0	0.285	26.47	2.15	0.057	12.22
7/27/2013 8:00	34777	2.31	15.69	34.67	6.368	0.703	24.07	36.4	4.578	67.6	66.17	81	77.72	0	57.4	26.48	3.053	0.904	12.23
7/27/2013 9:00	34778	5.1	94.5	30.34	11.74	3.486	94.5	35.37	8.16	71.22	72.27	73.87	68.76	0	241.2	26.5	2.419	-0.634	12.22
7/27/2013 10:00	34779	7.046	136.2	20.76	11.74	4.805	136.7	30.36	9.95	73.74	75.47	69.13	63.98	0	452.5	26.54	2.229	-0.191	12.22
7/27/2013 11:00	34780	4.462	139.8	62.79	11.74	3.305	141	63.67	8.16	78.85	79.97	57.77	55.88	0	685.7	26.56	0.91	-1.319	12.22
7/27/2013 12:00	34781	3.653	100.1	63	11.74	2.93	93.1	69.76	8.16	83.3	83.7	45.63	47.17	0	779.6	26.58	1.61	0.7	12.25
7/27/2013 13:00	34782	4.358	93.4	74.75	13.52	3.341	93.3	79.01	9.95	86.4	86.8	37.28	39.61	0	985	26.58	1.426	-0.184	12.24
7/27/2013 14:00	34783	5.957	95.8	68.46	15.31	4.542	85	72.5	11.74	88.8	89.5	30.03	31.83	0	1039	26.57	0.948	-0.479	12.26
7/27/2013 15:00	34784	7.9	127.7	45.86	17.1	5.564	128.2	52.47	13.52	88.8	90.3	27.08	27.69	0	1014	26.55	0.723	-0.225	12.23
7/27/2013 16:00	34785	8.39	106.4	36.87	20.68	5.827	102.9	45.99	15.31	89.6	91.3	22.46	22.73	0	960	26.52	1.325	0.602	12.29
7/27/2013 17:00	34786	8.81	132	34.85	24.26	6.014	132.5	41.74	17.1	89.7	91.3	24.15	24.23	0	801	26.49	1.265	-0.06	12.28
7/27/2013 18:00	34787	9.63	139.6	24.33	18.89	6.437	140.2	32.06	13.52	89.6	91	23.69	23.74	0	646.1	26.46	0.764	-0.501	12.23
7/27/2013 19:00	34788	10.29	134.9	21.63	20.68	6.52	135.1	29.4	15.31	88.9	90.3	21.26	21.16	0	447.1	26.43	1.223	0.46	12.29
7/27/2013 20:00	34789	10.82	133.6	15.45	18.89	6.721	134.2	23.64	13.52	88.1	88.4	22.05	22.32	0	238.2	26.43	1.398	0.174	12.23
7/27/2013 21:00	34790	8.54	132.6	11.66	15.31	4.71	131.8	19.42	11.74	84.8	83.9	24.78	25.74	0	34.09	26.42	2.121	0.723	12.25
7/27/2013 22:00	34791	7.505	120.8	5.424	11.74	3.616	116.9	15.22	6.368	80	78	30.54	32.79	0	0.111	26.4	2.536	0.416	12.21
7/27/2013 23:00	34792	8.78	122.5	7.074	13.52	4.757	121	17.45	8.16	78.09	76.92	32.98	34.18	0	0.009	26.39	2.746	0.21	12.22
7/28/2013 0:00	34793	8.37	138	11.12	13.52	4.437	137.6	18.86	8.16	77.19	76.47	36.02	36.83	0	0.012	26.4	2.638	-0.108	12.25
7/28/2013 1:00	34794	7.265	149.9	8.86	18.89	3.854	149.1	16.04	9.95	76.58	75.93	38.24	39.18	0	0.013	26.4	2.746	0.108	12.32
7/28/2013 2:00	34795	6.294	145.5	8.24	9.95	2.925	141	15.61	6.368	75.33	74.35	41.66	42.69	0	0.006	26.39	2.781	0.035	12.24
7/28/2013 3:00	34796	6.458	136.4	10.08	9.95	3.092	129.7	17.08	6.368	73.98	72.91	46.57	47.03	0	0.007	26.37	2.876	0.095	12.22
7/28/2013 4:00	34797	7.678	124.4	9.87	11.74	4.138	120.2	19.58	8.16	72.5	71.57	50.02	49.76	0	0.005	26.35	2.692	-0.184	12.22
7/28/2013 5:00	34798	7.157	139.6	7.446	9.95	3.738	137.6	15.62	8.16	70.03	69.1	54.87	53.59	0	0.002	26.34	2.876	0.184	12.22
7/28/2013 6:00	34799	6.526	134.8	7.519	8.16	3.075	130.2	16.15	6.368	68.83	67.69	59.52	57.93	0	0.001	26.32	2.619	-0.257	12.22
7/28/2013 7:00	34800	6.254	120.6	8.01	9.95	2.946	112.7	17.78	6.368	67.66	66.33	63.73	61.91	0	0.377	26.31	2.635	0.016	12.22
7/28/2013 8:00	34801	8.03	112.1	9.61	13.52	4.724	106.4	20.29	9.95	67.95	67.49	63.58	60.54	0	51.99	26.31	3.71	1.075	12.21
7/28/2013 9:00	34802	12.62	133.1	10.56	20.68	7.623	132.8	20.01	15.31	70.96	71.81	60.56	56.75	0	239.1	26.33	1.173	-2.537	12.25
7/28/2013 10:00	34803	13.97	163.5	12.5	20.68	8.5	164.5	19.34	17.1	75.7	77.02	54.06	51.34	0	454.1	26.37	0.672	-0.501	12.24
7/28/2013 11:00	34804	14.23	176.4	12.56	22.47	8.75	178.1	19.49	17.1	80.3	81.8	47.87	46.29	0	596	26.39	0.295	-0.377	12.24
7/28/2013 12:00	34805	13.57	180.6	13.64	22.47	8.62	181.8	19.92	17.1	82.9	84.8	44.79	43.39	0	811	26.41	0.38	0.086	12.24
7/28/2013 13:00	34806	12.17	179	18.46	20.68	8.04	181.8	23.07	15.31	86	87.9	39.41	38.87	0	921	26.41	0.276	-0.105	12.28
7/28/2013 14:00	34807	12.05	181	23.09	24.26	8.22	183.3	26.72	18.89	88.7	90.6	37.15	36.72	0	995	26.41	-0.022	-0.298	12.24
7/28/2013 15:00	34808	12.31	185.5	18.27	24.26	8.08	189.1	22.13	18.89	88.8	90.5	36.98	36.89	0	598.4	26.39	0.06	0.082	12.31
7/28/2013 16:00	34809	13.6	175.4	16.7	24.26	8.63	177.5	23.19	18.89	90	91.6	36.57	36.61	0	664.3	26.37	-0.206	-0.266	12.28
7/28/2013 17:00	34810	13.03	171.8	20.54	29.63	8.08	173.1	26.9	26.05	89.9	90.9	37.05	39.27	0.02	471.8	26.35	9.43	9.64	12.36
7/28/2013 18:00	34811	10.25	148.4	30.15	24.26	6.198	148	34.67	17.1	88.1	87.9	40.03	44.3	0	262.2	26.31	9.43	0.002	12.25
7/28/2013 19:00	34812	10.9	99.3	11.14	20.68	7.083	96.5	20.95	15.31	84.6	84.6	47.44	48.88	0	104.1	26.3	9.43	0	12.25
7/28/2013 20:00	34813	13.6	125.8	14.52	24.26	8.14	125.6	22.6	17.1	80.3	80.5	57.57	56.46	0	59.71	26.31	9.43	0	13.04
7/28/2013 21:00	34814	14.54	131	15.08	24.26	8.56	131	22.04	18.89	75.24	75.35	70.95	67.39	0	15.17	26.32	9.43	0.001	12.63
7/28/2013 22:00	34815	6.84	133.2	16.59	11.74	4.011	131.6	24.67	9.95	73.83	73.63	76.18	72.3	0	0.056	26.32	9.44	0.002	12.26
7/28/2013 23:00	34816	5.377	117.5	20.01	9.95	2.847	115.5	25.61	6.368	74.65	74.32	76.47	73.12	0	0.008	26.32	9.44	0	12.46
7/29/2013 0:00	34817	8.17	133.4	14.79	13.52	4.774	133	22.76	9.95	73.57	73.25	80.7	76.53	0	0.009	26.33	9.43	-0.003	12.22
7/29/2013 1:00	34818	8.84	130.1	9.03	15.31	5.171	128.2	18.03	9.95	73.5	73.22	82.3	77.85	0	0.008	26.33	4.163	-5.27	12.3
7/29/2013 2:00	34819	5.974	187.8	33.49	11.74	3.393	189.3	34.7	8.16	72.96	72.58	83.7	79.33	0	0.006	26.32	3.25	-0.913	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/29/2013 3:00	34820	3.409	125.2	26.97	4.578	0.411	107.3	12.77	2.789	72.7	72.08	84.6	80.6	0	0.008	26.31	3.136	-0.114	12.22
7/29/2013 4:00	34821	5.123	135.1	13.78	8.16	1.994	130.3	18.65	4.578	71.77	71.19	88.9	84.2	0	0.005	26.3	3.142	0.006	12.23
7/29/2013 5:00	34822	6.055	165.7	9.96	9.95	3.077	163.4	17.54	6.368	71.1	70.7	92.3	86.7	0	0.004	26.29	3.221	0.079	12.21
7/29/2013 6:00	34823	6.81	193.9	11.69	11.74	3.913	195.1	15.94	6.368	70.88	70.37	90.5	86.1	0	0.001	26.3	3.13	-0.092	12.22
7/29/2013 7:00	34824	6.488	199.3	8.99	9.95	3.874	199.8	14.02	8.16	70.42	70.04	91.5	86	0	0.108	26.31	3.19	0.06	12.21
7/29/2013 8:00	34825	6.135	183.9	8.7	9.95	3.557	185.2	15.32	6.368	69.63	69.35	93.4	87.7	0	34.7	26.32	3.602	0.412	12.26
7/29/2013 9:00	34826	6.847	196	11.89	11.74	4.745	198.1	16.93	9.95	73.57	74.11	80.5	75.72	0	253	26.35	4.138	0.536	13.12
7/29/2013 10:00	34827	9.3	202.5	13.31	13.52	6.412	202.6	17.35	11.74	77.15	78.11	67.21	63.7	0	346.3	26.39	3.769	-0.369	12.32
7/29/2013 11:00	34828	10.4	201.2	15.99	18.89	7.164	202.3	18.93	13.52	79.91	81.1	58.33	56.01	0	534.5	26.41	0.707	-3.062	13.41
7/29/2013 12:00	34829	10.61	203	14.1	18.89	7.272	203.9	17.39	13.52	81.5	82.4	52.63	51.53	0	371.4	26.43	1.43	0.723	12.34
7/29/2013 13:00	34830	9.96	199.4	12.55	15.31	6.786	200.8	15.79	11.74	82.3	82.8	50	49.89	0	293	26.43	1.309	-0.12	12.23
7/29/2013 14:00	34831	9.48	211.3	17.14	17.1	6.958	212.2	20.66	13.52	85.3	86.2	47.09	46.85	0	619.4	26.43	1.379	0.07	12.23
7/29/2013 15:00	34832	8.42	212.1	25.89	17.1	6.304	213.3	28.94	13.52	89.5	90.5	40.22	40.91	0	1023	26.45	1.198	-0.181	12.3
7/29/2013 16:00	34833	7.795	221.6	26.47	17.1	6.005	221.7	31.11	13.52	91.8	92.6	36.01	36.99	0	922	26.44	1.375	0.177	12.24
7/29/2013 17:00	34834	9	217.2	29.98	17.1	6.815	219.4	29.2	13.52	92.9	93.9	33.62	34.41	0	767.1	26.43	1.119	-0.257	12.24
7/29/2013 18:00	34835	10.38	199.4	18.75	17.1	7.324	201.2	21.01	13.52	91.9	93	34.62	35.38	0	549.2	26.42	1.074	-0.044	12.23
7/29/2013 19:00	34836	9	178.1	23.61	17.1	6.167	180.4	28.48	15.31	92.4	93.5	33.38	34.24	0	451.7	26.42	0.916	-0.158	12.25
7/29/2013 20:00	34837	11.12	166.5	13.8	18.89	6.674	169.2	20.2	11.74	91.2	91.7	32.68	33.87	0	196	26.42	1.252	0.336	12.25
7/29/2013 21:00	34838	13.09	183.4	9.76	26.05	7.867	185.3	16.69	18.89	89	88.7	34.38	35.75	0	34.84	26.42	1.17	-0.082	12.25
7/29/2013 22:00	34839	15.88	179.8	8.6	26.05	9.35	182.1	15.94	20.68	83.1	82.9	52.42	52.14	0	0.443	26.42	1.319	0.149	12.23
7/29/2013 23:00	34840	13.38	188.3	9.68	20.68	8.13	190.2	15.9	15.31	79.73	79.55	59.6	58.32	0	0.029	26.42	1.645	0.327	12.23
7/30/2013 0:00	34841	10.7	193.2	9.06	18.89	6.726	195	14.65	15.31	77.74	77.45	62.34	60.74	0	0.026	26.41	1.734	0.089	12.22
7/30/2013 1:00	34842	9.72	197.9	8.93	22.47	6.069	199.3	14.12	15.31	75.83	75.52	65.99	63.77	0	0.012	26.4	2.115	0.381	12.22
7/30/2013 2:00	34843	8.4	203.7	8.22	13.52	5.322	204.9	12.65	9.95	74.74	74.37	69.26	66.63	0	0.01	26.39	2.121	0.006	12.23
7/30/2013 3:00	34844	6.386	197.5	9.19	9.95	3.611	197.3	14.53	8.16	73.72	73.02	71.86	69.34	0	0.007	26.38	2.305	0.184	12.22
7/30/2013 4:00	34845	5.618	200.8	9.95	9.95	2.745	200.2	13.75	6.368	72.65	71.84	74.71	71.88	0	0.005	26.38	2.048	-0.257	12.22
7/30/2013 5:00	34846	5.359	201.1	8.91	8.16	2.185	199.9	11.81	6.368	71.63	70.6	77.51	74.62	0	0.004	26.38	2.099	0.051	13.27
7/30/2013 6:00	34847	5.567	188.8	7.455	9.95	2.14	187.2	11.49	6.368	71.3	70.27	79.17	76.1	0	0.003	26.38	2.407	0.308	12.27
7/30/2013 7:00	34848	4.283	222	31.04	8.16	1.317	234.7	23.4	4.578	69.97	69.13	82.8	78.67	0	0.076	26.4	2.365	-0.041	12.32
7/30/2013 8:00	34849	4.42	229.8	30.9	8.16	1.883	239.4	28.77	6.368	70.02	69.39	83.7	79.03	0	55.38	26.4	3.491	1.126	12.3
7/30/2013 9:00	34850	6.308	228.6	13.45	11.74	4.855	227.1	15.38	9.95	74.94	75.42	74.02	69.28	0	243	26.44	4.026	0.535	12.52
7/30/2013 10:00	34851	7.341	274.2	15.15	11.74	5.952	270.5	18.69	11.74	78.98	80.2	64.31	60.77	0	434.1	26.48	3.417	-0.609	12.35
7/30/2013 11:00	34852	7.467	278	20.36	13.52	6.136	275.8	24.84	11.74	82.5	83.6	55.48	53.66	0	625.2	26.49	3.357	-0.06	12.24
7/30/2013 12:00	34853	8.97	325.4	20.63	15.31	7.353	323	22.18	15.31	86.6	87.6	48.07	48.1	0	796.5	26.52	0.723	-2.634	12.25
7/30/2013 13:00	34854	9.72	337.7	19.11	17.1	7.871	335.2	21.03	17.1	89.5	90.9	44.05	44.67	0	902	26.54	1.055	0.333	12.32
7/30/2013 14:00	34855	9.53	349.5	24.08	20.68	7.57	346	27.82	15.31	93.4	94.8	37.02	38.61	0	990	26.54	0.542	-0.513	12.35
7/30/2013 15:00	34856	12.01	14.12	23.92	22.47	8.43	10.63	26.28	20.68	96.4	98.1	29.43	30.77	0	993	26.53	0.035	-0.507	13.12
7/30/2013 16:00	34857	12.6	46.27	19.35	26.05	7.643	43.3	23.62	18.89	97.5	99.3	26.32	27.5	0	827	26.51	0.412	0.377	12.27
7/30/2013 17:00	34858	12.14	34.23	21.06	24.26	8.06	29.25	24.29	18.89	98.6	100.2	22.17	23.25	0	816	26.5	-0.114	-0.526	13.11
7/30/2013 18:00	34859	13.29	26.78	17.24	20.68	8.77	23.23	20.28	20.68	98.4	99.6	24.06	25.18	0	645.7	26.49	-0.089	0.025	13.17
7/30/2013 19:00	34860	13.29	36.2	16.53	24.26	8.47	32.59	20.37	18.89	96.9	97.8	26.28	27.54	0	424	26.49	-0.241	-0.152	13.11
7/30/2013 20:00	34861	12	40.53	14.09	20.68	7.076	36.82	17.73	15.31	95.4	95.7	28.84	30.4	0	184.7	26.49	1.014	1.255	12.32
7/30/2013 21:00	34862	10.82	49.21	9.89	18.89	5.903	43.79	15.32	13.52	92.9	92.6	33.02	34.98	0	22.31	26.49	1.249	0.235	12.24
7/30/2013 22:00	34863	7.2	36.47	13.33	13.52	4.108	33.59	17.16	9.95	90.1	89.4	36.62	38.91	0	0.129	26.49	1.461	0.212	12.68
7/30/2013 23:00	34864	9.59	25.76	9.74	15.31	6.339	22.22	13.54	13.52	87	86.7	41.65	43.13	0	0.051	26.48	1.509	0.048	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
7/31/2013 0:00	34865	4.43	74.4	50.01	11.74	2.436	72.26	46.81	8.16	83.4	82.8	49.76	50.42	0	0.033	26.47	2.092	0.583	12.23
7/31/2013 1:00	34866	5.399	14.05	28.2	9.95	3.411	8.78	31.51	8.16	80.8	80.2	55.59	55.45	0	0.025	26.46	1.706	-0.387	12.22
7/31/2013 2:00	34867	5.147	91.3	23.73	8.16	2.378	85.2	21.25	6.368	78.88	77.71	56.48	57.5	0	0.02	26.45	2.115	0.409	12.22
7/31/2013 3:00	34868	6.972	125.2	9.79	11.74	3.613	121.2	18.53	6.368	77.6	76.6	59.61	59.4	0	0.014	26.45	2.14	0.026	12.23
7/31/2013 4:00	34869	6.53	145.5	9.85	11.74	3.106	142.5	17.37	8.16	76.34	75.29	62.12	61.78	0	0.011	26.46	2.181	0.041	12.23
7/31/2013 5:00	34870	6.389	164.2	9.77	9.95	2.874	165.8	16.32	6.368	75.62	74.38	63.29	62.96	0	0.008	26.46	2.435	0.254	12.3
7/31/2013 6:00	34871	6.947	169.2	13.79	9.95	3.381	171.7	19.71	8.16	75.38	74.29	64.36	63.66	0	0.007	26.46	2.378	-0.057	12.35
7/31/2013 7:00	34872	5.038	192.4	13.42	8.16	1.413	197.8	13.72	4.578	74.37	72.6	66.59	66.74	0	0.311	26.47	2.394	0.016	12.24
7/31/2013 8:00	34873	4.166	195.5	14.75	6.368	0.687	183	16.38	4.578	74.14	72.07	67.22	68.01	0	29.35	26.47	2.892	0.498	12.25
7/31/2013 9:00	34874	4.213	178.5	25.18	9.95	2.235	175.9	18.81	8.16	77.54	77.69	62.49	60.83	0	171.3	26.5	4.074	1.182	12.23
7/31/2013 10:00	34875	5.887	200	17.89	11.74	4.268	205.1	19.16	9.95	81.7	82.6	54.42	53.1	0	372.3	26.54	3.648	-0.426	12.25
7/31/2013 11:00	34876	5.241	195.2	36.5	9.95	3.97	199.1	41.51	8.16	86.6	87.1	45.13	45.87	0	571.6	26.56	2.25	-1.398	12.23
7/31/2013 12:00	34877	2.835	175.6	73.11	9.95	2.316	207.3	70.23	6.368	93.7	93.6	33.65	36.43	0	697.1	26.59	0.944	-1.306	12.28
7/31/2013 13:00	34878	7.066	137.3	28.35	13.52	4.815	139.6	37.92	11.74	94.4	95.9	33.09	34.41	0	803	26.61	1.068	0.124	13.5
7/31/2013 14:00	34879	8.74	116.3	27.42	17.1	6.086	119	35.88	13.52	95	96.8	31.82	32.87	0	787.8	26.6	0.894	-0.174	13.51
7/31/2013 15:00	34880	10.3	108.8	28.17	22.47	7.154	105.5	36.33	17.1	97.1	99.2	27.7	28.65	0	976	26.58	0.532	-0.361	13.39
7/31/2013 16:00	34881	11.94	102.8	19.64	27.84	8.11	100.8	29.65	20.68	97	99.5	25.58	25.97	0	924	26.56	0.58	0.048	13.4
7/31/2013 17:00	34882	11.77	114.6	25.02	22.47	7.726	115.7	32.27	17.1	98	100.3	22.68	22.91	0	831	26.54	0.662	0.082	13.54
7/31/2013 18:00	34883	11.57	112.5	17.94	22.47	7.565	114.9	28.47	17.1	96.4	98	26.35	26.93	0	435.7	26.53	1.274	0.612	13.54
7/31/2013 19:00	34884	8.66	112	36.7	17.1	5.427	116	44.12	13.52	94.6	95.2	28.19	29.43	0	212.4	26.51	1.692	0.419	13.45
7/31/2013 20:00	34885	5.999	306.1	14.51	11.74	4.835	307.8	17.77	9.95	88.3	88.5	37.51	38.75	0	62.52	26.5	2.016	0.323	13.41
7/31/2013 21:00	34886	3.594	322.5	20.41	8.16	2.539	314.9	20.61	6.368	87.2	86.6	38.57	40.91	0	17.66	26.49	1.93	-0.086	13.48
7/31/2013 22:00	34887	6.114	85.6	18.78	11.74	3.249	86.3	19.37	8.16	87.2	85.5	36.75	40.24	0	0.109	26.49	2.482	0.552	13.43
7/31/2013 23:00	34888	8.14	92.3	7.632	11.74	4.802	90.1	17.33	8.16	85.2	84.5	42.77	44.37	0	0.049	26.51	2.612	0.13	12.44
8/1/2013 0:00	34889	10.9	43.2	31.37	24.26	7.204	39.56	32.56	20.68	82.6	82.3	47.54	47.97	0	0.033	26.51	1.354	-1.258	12.42
8/1/2013 1:00	34890	12.58	28.12	10.29	24.26	8.32	24.28	14.66	20.68	78.78	78.78	48.95	48.34	0	0.028	26.52	1.563	0.209	12.37
8/1/2013 2:00	34891	9.87	37.4	10.73	15.31	5.597	35.5	14.13	11.74	78.19	78	49.08	48.61	0	0.023	26.52	1.553	-0.009	12.65
8/1/2013 3:00	34892	13.52	33.7	10.57	24.26	7.933	30.98	14.26	18.89	77.31	77.25	53.4	52.08	0	0.021	26.51	1.747	0.193	12.22
8/1/2013 4:00	34893	13.63	43.22	9.27	22.47	7.529	40.04	13.74	15.31	75.54	75.46	65.55	62.78	0	0.018	26.5	1.684	-0.063	12.35
8/1/2013 5:00	34894	11.69	58.98	10.73	18.89	6.946	55.88	18.36	13.52	74.75	74.55	70.42	67.21	0	0.017	26.49	1.791	0.108	12.6
8/1/2013 6:00	34895	10.65	71.45	10.67	17.1	6.382	68.29	18.78	13.52	73.49	73.19	73.94	70.27	0	0.011	26.49	1.982	0.19	12.5
8/1/2013 7:00	34896	8.31	74.89	11.31	11.74	4.839	71.2	19.88	8.16	72.25	71.8	77.38	73.32	0	0.102	26.48	2.207	0.225	12.22
8/1/2013 8:00	34897	9.11	98.4	9.2	15.31	5.727	96.2	18.81	11.74	73.24	72.79	74.09	70.95	0	40.45	26.48	2.48	0.273	12.25
8/1/2013 9:00	34898	11.28	111.4	10.75	17.1	7.088	111.4	22.06	13.52	76.73	77.36	65.72	62.84	0	225.5	26.5	1.569	-0.91	12.23
8/1/2013 10:00	34899	9.98	122.6	12.36	15.31	6.345	123.8	23.61	11.74	81.8	83.4	53.39	51.94	0	448.7	26.53	0.964	-0.606	12.23
8/1/2013 11:00	34900	7.583	178.4	26.45	15.31	5.229	183.6	32.01	13.52	86.4	87.7	40.36	40.82	0	653.1	26.56	0.9	-0.063	12.23
8/1/2013 12:00	34901	7.162	221.3	31.44	15.31	5.438	223.6	33.81	13.52	89.6	90.2	32.08	33.01	0	790.4	26.58	1.001	0.101	12.23
8/1/2013 13:00	34902	6.27	189.7	54.14	15.31	4.745	195.7	55.75	13.52	92.6	93.3	28.52	29.51	0	920	26.59	0.482	-0.52	12.22
8/1/2013 14:00	34903	6.869	138.9	57.68	17.1	4.836	141.2	62	13.52	95	96.5	25.67	26.45	0	1031	26.58	0.986	0.504	12.47
8/1/2013 15:00	34904	7.899	140.3	36.31	17.1	5.553	143.5	43.92	13.52	95.8	97.5	24.36	24.82	0	932	26.56	0.707	-0.279	13.43
8/1/2013 16:00	34905	8.47	141.2	36.31	18.89	5.94	148.1	43.81	15.31	96.6	98.3	21.8	22.13	0	922	26.53	1.173	0.466	13.49
8/1/2013 17:00	34906	9.95	165.5	45.64	18.89	6.856	169.8	50.19	15.31	96.5	97.9	20.5	20.67	0	699.7	26.5	1.366	0.193	13.6
8/1/2013 18:00	34907	8.72	142.8	37.96	20.68	5.625	145.4	44.65	15.31	95.6	96.6	19.92	20.26	0	449.2	26.48	1.055	-0.311	13.56
8/1/2013 19:00	34908	9.81	133.6	15.75	18.89	6.077	137.1	23.31	13.52	94.6	95.4	21.59	22.17	0	265.6	26.47	1.683	0.628	12.44
8/1/2013 20:00	34909	9.82	131.6	16.23	17.1	6.079	134.6	24.61	11.74	94.2	94.5	21.72	22.45	0	171.4	26.46	1.566	-0.117	13.55

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/1/2013 21:00	34910	7.919	144.9	7.323	13.52	4.3	147.6	14.82	9.95	91.3	90.6	25.05	26.28	0	25.38	26.45	2.216	0.65	13.57
8/1/2013 22:00	34911	6.299	137.8	13.86	8.16	2.588	128	21.03	6.368	87.3	85.2	29.25	32.17	0	0.092	26.44	2.333	0.117	12.41
8/1/2013 23:00	34912	5.928	146.6	11.67	8.16	2.182	132.8	15.58	6.368	84.6	81.8	30.98	34.85	0	0.019	26.43	2.083	-0.25	12.25
8/2/2013 0:00	34913	5.813	152.6	7.462	8.16	1.926	131.6	10.67	4.578	81.6	78.55	34.53	38.53	0	0.013	26.42	2.099	0.016	12.22
8/2/2013 1:00	34914	5.63	151.4	9.27	8.16	1.166	150.7	11.35	4.578	79.51	76.52	38.51	42.45	0	0.004	26.4	2.058	-0.041	12.24
8/2/2013 2:00	34915	4.946	128.9	9.31	8.16	0.919	103.8	10.31	4.578	77.34	74.67	43.28	46.54	0	0.003	26.39	2.128	0.07	12.24
8/2/2013 3:00	34916	7.257	158	10.73	11.74	2.921	163.7	16.04	6.368	76.85	74.71	45.64	47.98	0	0.003	26.37	2.727	0.599	12.37
8/2/2013 4:00	34917	5.113	166.7	6.494	9.95	0.594	172.6	6.507	6.368	74.86	72.89	49.53	51.19	0	0.004	26.37	2.397	-0.33	12.26
8/2/2013 5:00	34918	5.334	164.9	8.49	8.16	0.673	146.4	8.85	4.578	73.2	70.46	51.59	54.25	0	0.002	26.36	2.254	-0.143	12.24
8/2/2013 6:00	34919	6.194	164.2	6.457	8.16	1.427	158.1	10.91	4.578	72.48	69.54	52.1	54.95	0	0.001	26.35	2.464	0.209	12.4
8/2/2013 7:00	34920	6.197	146.6	7.269	8.16	1.759	132.3	12.33	4.578	72.14	69.38	51.65	54.24	0	0.078	26.34	2.407	-0.057	12.26
8/2/2013 8:00	34921	5.118	151.4	9.34	8.16	0.629	149.4	8.97	4.578	72.06	69.77	50.58	53.11	0	44.73	26.35	2.984	0.577	12.23
8/2/2013 9:00	34922	8.46	160.9	12.2	17.1	5.028	165	19.23	11.74	76.99	77.4	41.76	42.04	0	236.6	26.38	3.323	0.339	12.24
8/2/2013 10:00	34923	12.63	187.4	12.55	20.68	8.05	191.6	17.71	15.31	82.3	83.3	34.2	34.43	0	447.3	26.42	0.723	-2.6	12.27
8/2/2013 11:00	34924	12.51	199	12.09	18.89	8.48	201.7	16.12	15.31	86.2	87.4	30.2	30.2	0	642.9	26.45	1.391	0.669	12.23
8/2/2013 12:00	34925	11	215.4	18.84	17.1	8.07	217.7	20.56	15.31	90	91.1	26.34	26.41	0	821	26.47	1.474	0.082	12.24
8/2/2013 13:00	34926	11.8	220.3	17.6	20.68	8.72	221.3	18.92	17.1	93	94.1	22.98	22.94	0	942	26.48	1.265	-0.209	12.25
8/2/2013 14:00	34927	10.91	221.9	23.76	20.68	8.25	222.9	25.48	17.1	95.7	96.9	19.91	19.89	0	1001	26.47	0.631	-0.634	12.3
8/2/2013 15:00	34928	8.99	195.2	37.35	33.21	6.607	198.1	39.75	20.68	98.2	99.5	17.71	17.75	0	967	26.45	1.198	0.567	12.24
8/2/2013 16:00	34929	10.58	206.4	33.36	20.68	7.605	206	34.88	17.1	98.6	99.9	16.65	16.56	0	917	26.43	1.02	-0.177	12.26
8/2/2013 17:00	34930	8.45	206.7	40.58	18.89	6.131	209.5	43.8	17.1	98.8	99.8	16.58	16.68	0	636.2	26.41	1.629	0.608	12.26
8/2/2013 18:00	34931	10.09	191.3	21.1	22.47	6.598	194	23.98	15.31	97.6	98.4	17.77	18	0	430.7	26.4	1.28	-0.349	12.23
8/2/2013 19:00	34932	10.56	207.6	17.35	18.89	7.29	208.8	19.44	15.31	97.3	98	17.91	18.18	0	352.5	26.38	1.271	-0.009	12.24
8/2/2013 20:00	34933	9.81	183.7	18.98	17.1	6.146	186.4	22.97	11.74	96.7	96.9	17.89	18.38	0	177.8	26.38	1.921	0.65	12.27
8/2/2013 21:00	34934	7.644	193.5	8.23	11.74	4.218	193.7	14.98	8.16	93.8	92.6	18.23	19.43	0	29.22	26.38	2.035	0.114	12.25
8/2/2013 22:00	34935	6.504	191.3	7.121	9.95	2.251	176.6	15.83	4.578	89.6	85.8	20.43	23.58	0	0.077	26.37	2.089	0.054	12.36
8/2/2013 23:00	34936	6.552	174.3	7.197	13.52	2.09	156.9	18.57	9.95	86.5	82.9	23.56	26.69	0	0.021	26.37	2.165	0.076	12.35
8/3/2013 0:00	34937	8.49	167.8	9.22	13.52	4.072	166.8	16.43	9.95	83.1	81.2	29.7	31.27	0	0.017	26.37	2.238	0.073	12.44
8/3/2013 1:00	34938	9.74	168.9	9.27	18.89	5.152	173.2	17.51	11.74	81.9	80.6	34.58	36.09	0	0.023	26.37	2.314	0.076	12.33
8/3/2013 2:00	34939	10.23	174.3	8.73	15.31	5.627	178.5	16.72	11.74	81.5	80.5	37.97	39.48	0	0.021	26.37	2.019	-0.295	12.27
8/3/2013 3:00	34940	8.84	179.7	8.76	13.52	4.829	183	16.06	9.95	79.64	78.58	40.7	42.2	0	0.018	26.38	2.419	0.4	12.33
8/3/2013 4:00	34941	9.9	181.7	8.26	15.31	5.72	185.9	15.38	11.74	78.77	77.83	41.32	42.53	0	0.013	26.37	2.023	-0.396	12.31
8/3/2013 5:00	34942	10.71	182.9	8.92	17.1	6.243	187.5	15.41	13.52	78.07	77.27	42.88	43.69	0	0.015	26.36	1.769	-0.254	12.26
8/3/2013 6:00	34943	9.41	178.6	9.48	15.31	5.286	183	17.1	9.95	76.54	75.65	45.99	46.48	0	0.018	26.36	2.01	0.241	12.3
8/3/2013 7:00	34944	8.62	175.7	9.68	13.52	4.721	180.3	16.44	9.95	75.2	74.24	48.62	48.81	0	0.096	26.37	2.273	0.263	12.27
8/3/2013 8:00	34945	8.03	183.6	9.26	13.52	4.584	188.5	15.41	11.74	74.98	74.11	50.31	50.27	0	46.48	26.37	2.093	-0.181	12.38
8/3/2013 9:00	34946	12.62	183.7	10.27	20.68	7.881	188.4	16.54	15.31	77.99	78.31	47.24	46.41	0	221.1	26.39	0.973	-1.119	12.37
8/3/2013 10:00	34947	14.12	189.2	11.1	22.47	8.84	192.4	16.43	17.1	81.4	82.4	42.45	42.02	0	427.7	26.41	0.995	0.022	12.27
8/3/2013 11:00	34948	13.01	197.9	13.92	18.89	8.66	200.9	17.79	15.31	86	87.3	36.74	36.71	0	639.4	26.44	1.116	0.12	12.25
8/3/2013 12:00	34949	11.21	205.5	15.16	18.89	7.822	207.3	18.43	13.52	90.6	92.1	31.15	31.12	0	817	26.47	1.17	0.054	12.35
8/3/2013 13:00	34950	9.61	196.4	23.89	17.1	6.848	198.9	27.35	13.52	94.6	96	25.71	25.87	0	937	26.48	1.039	-0.13	12.24
8/3/2013 14:00	34951	9.04	189.4	21.65	18.89	6.362	194.1	26.5	15.31	97.7	99.1	22.18	22.39	0	991	26.48	0.913	-0.127	12.3
8/3/2013 15:00	34952	9.23	168.6	35.87	18.89	6.498	172.4	40.34	17.1	100.1	101.8	17.23	17.35	0	990	26.47	0.738	-0.174	12.31
8/3/2013 16:00	34953	9.17	170.7	54.35	18.89	6.499	175.4	56.51	15.31	101.3	103.2	14.85	14.76	0	988	26.46	1.15	0.412	12.37
8/3/2013 17:00	34954	8.64	142.5	43.26	22.47	5.858	143.9	49.95	15.31	102.2	103.6	12.86	13	0	838	26.44	0.526	-0.624	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/3/2013 18:00	34955	7.957	154.9	45.74	20.68	5.422	160.6	48.57	15.31	101.3	102.5	13.46	13.52	0	568.4	26.43	1.569	1.043	12.24
8/3/2013 19:00	34956	9.62	143.6	24.3	20.68	6.266	150.4	30.88	15.31	100	101.2	14.75	14.89	0	452.9	26.42	1.011	-0.558	12.27
8/3/2013 20:00	34957	13.56	133.7	14.62	20.68	8.21	136.9	22.59	18.89	98.3	98.9	16.59	16.89	0	226.2	26.41	0.219	-0.792	12.34
8/3/2013 21:00	34958	14.51	123.4	8.53	24.26	8.54	126.6	19.06	18.89	94.8	94.4	20.67	21.39	0	38.07	26.41	1.369	1.151	12.24
8/3/2013 22:00	34959	12.34	127.1	8.31	18.89	7.017	130.2	18.64	13.52	90.9	90.1	24.41	25.3	0	0.095	26.41	1.689	0.32	12.27
8/3/2013 23:00	34960	10.7	127.6	8.57	17.1	5.909	129.6	18.66	11.74	87.2	86.3	28.47	29.45	0	0.039	26.42	1.743	0.054	12.22
8/4/2013 0:00	34961	8.89	140.7	8.59	15.31	4.928	142.8	17.15	9.95	84.4	83.4	33.95	35.21	0	0.03	26.44	2.181	0.438	12.31
8/4/2013 1:00	34962	7.759	147.7	7.297	18.89	3.97	147.5	15.91	8.16	81.9	80.7	38.76	40.5	0	0.019	26.44	2.229	0.048	12.24
8/4/2013 2:00	34963	9.18	159.2	8.82	17.1	4.98	161.1	17.09	9.95	80.5	79.39	41.33	42.77	0	0.013	26.44	1.978	-0.25	12.29
8/4/2013 3:00	34964	9.56	168.9	8.08	15.31	5.161	171.8	16.66	9.95	79.4	78.54	44.02	44.88	0	0.015	26.43	1.947	-0.031	12.22
8/4/2013 4:00	34965	8.04	171	8.37	13.52	4.17	173.8	17	9.95	77.54	76.48	47.66	48.28	0	0.016	26.43	2.137	0.19	12.22
8/4/2013 5:00	34966	6.774	159.2	8.73	9.95	3.106	157.3	16.26	6.368	75.89	74.28	50.12	51.25	0	0.012	26.42	2.077	-0.06	12.51
8/4/2013 6:00	34967	8.23	161.6	8.46	13.52	3.946	161.5	17.31	9.95	74.96	73.15	49.04	50.62	0	0.01	26.41	2.28	0.203	12.34
8/4/2013 7:00	34968	7.046	148	15.79	11.74	2.969	140.2	24.92	8.16	73.97	71.91	49.74	51.4	0	0.306	26.41	2.061	-0.219	12.25
8/4/2013 8:00	34969	7.771	134.1	12.3	13.52	4.018	132.1	20.63	8.16	71.82	70.67	56.68	55.87	0	35.82	26.42	2.625	0.564	12.26
8/4/2013 9:00	34970	9.14	144.9	12.04	17.1	5.445	149.4	18.99	11.74	74.34	74.79	61.79	58.53	0	198	26.44	2.327	-0.298	12.2
8/4/2013 10:00	34971	13.04	153.1	10.74	20.68	7.858	157.2	18.55	17.1	78.79	80.3	60.45	56.77	0	439.2	26.47	0.567	-1.76	12.4
8/4/2013 11:00	34972	12.79	149.6	13.45	24.26	7.942	153.2	20.52	17.1	82.1	83.9	53.21	50.66	0	618	26.5	0.586	0.019	12.25
8/4/2013 12:00	34973	12.66	152.2	16.85	20.68	7.984	156.2	23.27	15.31	86.4	88.5	42.91	42.01	0	817	26.52	0.219	-0.368	12.47
8/4/2013 13:00	34974	11.72	135.6	16.69	20.68	7.668	139.2	25.96	17.1	89.3	91.8	34.23	33.82	0	938	26.53	0.292	0.073	13.31
8/4/2013 14:00	34975	12.12	139.4	21.61	20.68	7.923	142.8	28.46	17.1	92.2	94.7	28.64	28.25	0	1000	26.52	-0.025	-0.317	13.18
8/4/2013 15:00	34976	10.87	128.7	27.53	22.47	7.397	130.2	35.97	18.89	94.2	96.6	23.28	23.07	0	1000	26.51	0.685	0.71	13.25
8/4/2013 16:00	34977	11.69	139.1	26.48	22.47	7.64	140.7	36.43	17.1	95.5	97.7	21.11	20.86	0	939	26.49	0.25	-0.434	13.36
8/4/2013 17:00	34978	12.27	156.1	26.49	22.47	7.96	161.5	31.91	17.1	96.1	98.2	21.55	21.2	0	816	26.47	0.792	0.542	13.25
8/4/2013 18:00	34979	11.04	144.5	21.46	22.47	7.041	147.7	28.65	17.1	96.6	98.3	20.68	20.6	0	643.5	26.46	0.624	-0.168	13.39
8/4/2013 19:00	34980	11.41	147.5	20.86	22.47	7.285	152.7	27.14	15.31	96.2	97.6	20.15	20.24	0	441.8	26.44	0.903	0.279	13.32
8/4/2013 20:00	34981	10.8	134.1	19.46	24.26	6.725	138	26.75	15.31	95.1	95.7	21.58	22.07	0	227.7	26.43	1.28	0.377	13.45
8/4/2013 21:00	34982	10.23	136.5	8.17	17.1	5.892	137.5	17.09	11.74	92.3	91.7	23.92	25	0	38.92	26.43	1.835	0.555	13.27
8/4/2013 22:00	34983	7.939	124.9	9.5	11.74	3.974	123.7	18.54	6.368	87	85.6	29.69	31.31	0	0.084	26.42	2.187	0.352	12.51
8/4/2013 23:00	34984	9.22	129.6	8.85	15.31	5.005	130.4	18.65	11.74	85.1	83.9	34.02	35.68	0	0.031	26.43	2.191	0.003	12.48
8/5/2013 0:00	34985	8.48	143.6	8.72	13.52	4.515	143.7	16.23	9.95	82.9	81.8	36.4	38.03	0	0.041	26.44	2.083	-0.108	12.32
8/5/2013 1:00	34986	7.63	141.3	8.1	13.52	3.779	140.8	15.06	8.16	79.69	78.18	40.57	42.49	0	0.02	26.43	1.994	-0.089	12.27
8/5/2013 2:00	34987	8.79	160.8	11.61	17.1	4.583	162.8	18.93	11.74	78.58	77.27	44.26	45.5	0	0.014	26.42	2.077	0.083	12.31
8/5/2013 3:00	34988	11.59	171.9	8.3	18.89	6.597	175.8	16.58	13.52	79.32	78.55	46.66	47.14	0	0.029	26.42	1.151	-0.926	12.26
8/5/2013 4:00	34989	9.15	165.6	8.26	17.1	4.925	168.6	15.95	9.95	77.77	76.84	50.12	50.38	0	0.017	26.42	1.953	0.802	12.21
8/5/2013 5:00	34990	7.721	159.8	8.86	11.74	3.805	159.9	16.56	8.16	76.25	74.89	54.49	54.82	0	0.016	26.41	2.254	0.301	12.34
8/5/2013 6:00	34991	6.804	138.4	11.93	9.95	2.756	129.9	20.52	6.368	75.53	73.36	57.05	58.38	0	0.011	26.4	2.223	-0.032	12.27
8/5/2013 7:00	34992	7.6	126.7	11.83	11.74	3.738	122.9	22.74	8.16	73.72	71.95	61.15	61.17	0	0.12	26.4	2.35	0.127	12.3
8/5/2013 8:00	34993	7.215	124.1	14.52	11.74	4.019	121.8	23.75	8.16	72.83	72	63.87	62.13	0	43.3	26.4	2.977	0.628	12.24
8/5/2013 9:00	34994	10.12	150.4	11.94	17.1	6.131	153.5	19.06	11.74	75.93	76.69	60.42	57.33	0	227.1	26.42	0.653	-2.324	12.29
8/5/2013 10:00	34995	13.12	169.6	11.85	20.68	7.829	173.2	18.86	18.89	80.2	81.6	54.2	51.78	0	440.1	26.45	0.862	0.209	12.22
8/5/2013 11:00	34996	10.01	189.4	18.15	17.1	6.711	194.3	22.64	13.52	84	85.3	47.28	46	0	637.8	26.46	1.246	0.383	12.24
8/5/2013 12:00	34997	7.637	187.3	29.08	18.89	5.396	192.3	33.82	15.31	88.1	89.4	40.3	40.37	0	814	26.48	1.429	0.184	12.27
8/5/2013 13:00	34998	7.986	208	25.04	15.31	5.972	211.3	29.87	13.52	91.7	92.6	33.99	34.51	0	931	26.49	1.128	-0.301	12.3
8/5/2013 14:00	34999	8.02	213	50.66	17.1	6.192	217	52.8	15.31	94.4	95.4	28.73	29.32	0	999	26.48	1.182	0.054	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/5/2013 15:00	35000	7.807	226	58.96	20.68	6.134	230.5	54.86	17.1	96.6	97.7	25.29	25.89	0	1015	26.47	0.897	-0.285	12.24
8/5/2013 16:00	35001	7.101	190.4	66.25	17.1	5.197	198.9	65.52	15.31	98	99	22.93	23.82	0	852	26.44	1.157	0.26	12.22
8/5/2013 17:00	35002	6.395	198.9	41.91	17.1	4.818	205.1	46.65	13.52	99.6	100.2	20.46	21.28	0	813	26.42	1.388	0.231	12.23
8/5/2013 18:00	35003	7.673	221.1	33.07	17.1	5.759	223.3	34.4	15.31	99.1	99.8	21.89	22.52	0	610.8	26.4	1.474	0.086	12.22
8/5/2013 19:00	35004	9.11	187.9	20.33	17.1	6.248	191.3	24.29	13.52	98	99	22.83	23.41	0	424.1	26.38	1.271	-0.203	12.29
8/5/2013 20:00	35005	7.233	192.6	25.49	15.31	4.843	197.2	26.19	11.74	97.4	97.5	22.36	23.38	0	179	26.37	1.845	0.574	12.35
8/5/2013 21:00	35006	7.646	184.2	8.46	13.52	4.272	187.4	14.91	9.95	95.2	94.4	23.03	24.58	0	38.4	26.36	1.994	0.149	12.23
8/5/2013 22:00	35007	5.994	175.4	5.617	8.16	1.764	156	10.43	4.578	90.5	87	25.92	29.83	0	0.075	26.35	1.861	-0.133	12.63
8/5/2013 23:00	35008	8.32	170.1	7.204	13.52	4.048	168.3	17.56	8.16	87.6	85.7	30.94	33.22	0	0.035	26.34	2.137	0.276	12.23
8/6/2013 0:00	35009	10.94	170.8	9.69	22.47	6.124	174.1	17.55	15.31	86.7	85.8	35.19	36.9	0	0.037	26.35	0.922	-1.214	12.27
8/6/2013 1:00	35010	12.12	175.8	8.5	27.84	7.039	179.7	16.41	15.31	85.1	84.4	38.62	40.15	0	0.054	26.36	1.198	0.276	12.25
8/6/2013 2:00	35011	11.54	171.8	8.65	18.89	6.548	174.9	17.55	13.52	83.2	82.5	40.27	41.72	0	0.04	26.37	1.442	0.244	12.36
8/6/2013 3:00	35012	11.7	170.2	8.68	18.89	6.651	174.2	17.32	15.31	81.7	81	40.99	42.21	0	0.021	26.35	1.417	-0.025	12.25
8/6/2013 4:00	35013	9.75	174.6	8.99	15.31	5.515	179.1	16.81	11.74	80.1	79.38	43.53	44.35	0	0.022	26.34	1.785	0.368	12.38
8/6/2013 5:00	35014	7.672	178.5	13.13	13.52	4.352	182.3	19.47	8.16	78.92	78.14	46.29	46.83	0	0.016	26.33	2.27	0.485	12.22
8/6/2013 6:00	35015	5.569	186.4	8.37	9.95	2.264	190.9	12.1	6.368	77.07	75.78	49.79	50.55	0	0.01	26.32	2.143	-0.127	12.55
8/6/2013 7:00	35016	4.909	200.9	9.73	8.16	1.301	207.3	10.36	4.578	75.13	73	53.15	54.77	0	0.091	26.31	2.178	0.035	12.29
8/6/2013 8:00	35017	5.354	206.2	10.96	8.16	2.258	212.3	13.06	6.368	74.53	72.73	54.92	55.73	0	40.14	26.32	3.031	0.853	12.34
8/6/2013 9:00	35018	9.99	202.7	8.4	15.31	6.609	204.7	13.67	11.74	78.84	79.26	48.75	47.72	0	224.7	26.34	2.923	-0.108	12.26
8/6/2013 10:00	35019	10.17	226.2	15.6	17.1	6.579	225.6	20	13.52	83.8	84.8	41.54	41.36	0	406.1	26.37	1.502	-1.42	12.41
8/6/2013 11:00	35020	10.66	271.8	16.94	20.68	6.706	268.6	24.81	15.31	88.8	90.3	34.07	33.91	0	614.8	26.4	1.474	-0.029	12.34
8/6/2013 12:00	35021	10.87	259.6	18.22	18.89	6.625	250.5	25.54	17.1	92.9	94.6	30.15	30.01	0	795.2	26.42	1.154	-0.32	12.27
8/6/2013 13:00	35022	11.74	258.6	23.84	20.68	7.922	252.9	28.73	17.1	97	98.4	22.33	22.5	0	923	26.44	1.179	0.025	12.22
8/6/2013 14:00	35023	10.57	243.7	27.43	18.89	7.423	238.6	29.33	17.1	98.9	100.4	19.79	19.86	0	992	26.43	1.182	0.003	12.31
8/6/2013 15:00	35024	8.72	272.4	43.33	17.1	6.206	269.3	47.13	15.31	100.3	102	18.28	18.36	0	1005	26.41	1.347	0.165	12.27
8/6/2013 16:00	35025	8.99	271.5	43.66	24.26	6.65	272.2	48.89	18.89	101.7	103	17	17.35	0	909	26.4	1.442	0.095	12.28
8/6/2013 17:00	35026	12.09	244.5	24.1	26.05	8.29	238.5	25.8	20.68	99.6	100.7	18.39	18.54	0	476.4	26.38	1.245	-0.196	12.54
8/6/2013 18:00	35027	10.42	249.6	22.6	24.26	6.585	242.9	24.81	20.68	98.1	98.9	20.5	20.87	0	392.5	26.36	2.241	0.995	12.33
8/6/2013 19:00	35028	14.06	226.1	11.96	26.05	9.83	223.9	14.58	18.89	97.3	97.7	19.59	20.06	0	232.2	26.36	1.265	-0.976	12.45
8/6/2013 20:00	35029	18.33	215.9	12.28	31.42	12.35	216.7	14.15	22.47	93.9	94.2	23.33	23.73	0	118	26.35	1.17	-0.095	12.23
8/6/2013 21:00	35030	13.87	188	24.67	26.05	8.92	191.6	26.14	20.68	88.1	88.1	27.17	27.37	0	33.78	26.36	1.914	0.745	12.21
8/6/2013 22:00	35031	6.635	181.9	14.81	15.31	3.637	188.3	19.02	9.95	84.8	84	32.24	33.19	0	0.067	26.36	2.327	0.412	12.26
8/6/2013 23:00	35032	8.56	210.3	11.2	13.52	5.412	212.3	13.04	11.74	83	82.6	35.68	36.38	0	0.033	26.35	2.384	0.057	12.33
8/7/2013 0:00	35033	8.3	193.5	9.92	13.52	5.071	197.7	14.79	9.95	80.5	79.86	39.27	40.14	0	0.031	26.35	2.235	-0.149	12.21
8/7/2013 1:00	35034	6.225	209.3	11.2	17.1	3.528	212.3	14.05	9.95	78.19	77.39	43.73	44.27	0	0.022	26.33	2.105	-0.13	12.2
8/7/2013 2:00	35035	4.666	224	15.8	6.368	1.104	224.5	9.08	4.578	76.46	74.92	47.36	48.38	0	0.012	26.32	2.147	0.041	12.2
8/7/2013 3:00	35036	2.776	215.8	25.89	6.368	0.17	158.9	8.12	2.789	74.92	72.87	50.19	51.45	0	0.009	26.31	1.991	-0.155	12.2
8/7/2013 4:00	35037	3.143	247.9	13.57	6.368	0.368	243.9	7.753	2.789	74.05	71.85	52.71	53.64	0	0.005	26.29	1.836	-0.155	12.2
8/7/2013 5:00	35038	5.148	222.3	32.39	11.74	1.678	196.3	24.31	8.16	72.81	70.22	55.45	56.32	0	0.007	26.28	1.788	-0.048	12.2
8/7/2013 6:00	35039	4.659	237.2	25.3	9.95	1.279	222.6	18.35	6.368	72.21	70.89	56.33	55.91	0	0.008	26.3	1.734	-0.054	12.21
8/7/2013 7:00	35040	3.081	218.3	28.53	6.368	0.485	198.1	11.23	4.578	70.78	68.67	59.36	59.4	0	0.081	26.3	1.687	-0.048	12.23
8/7/2013 8:00	35041	4.144	239.8	17.63	11.74	0.504	211.6	5.22	8.16	70.71	69.19	60.36	59.41	0	35.61	26.3	2.14	0.453	12.27
8/7/2013 9:00	35042	7.266	227.1	13.98	13.52	4.941	225.2	15.23	11.74	73.4	73.45	57.8	55.32	0	121.5	26.33	2.714	0.574	12.32
8/7/2013 10:00	35043	6.956	224.4	16.02	15.31	5.086	221.7	17.17	13.52	78.73	79.36	48.12	47.08	0	374.3	26.36	2.967	0.253	12.2
8/7/2013 11:00	35044	11.62	272.6	15.83	18.89	6.423	265.1	24.8	17.1	88	89.3	34.08	34.14	0	619.2	26.4	2.732	-0.235	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/7/2013 12:00	35045	12.23	291.1	17.94	20.68	8.47	288.9	24.77	17.1	91.8	93.3	29.13	29.19	0	810	26.43	1.128	-1.604	12.23
8/7/2013 13:00	35046	12.73	295.6	16.66	22.47	9.54	295	22.12	18.89	93.8	95.1	25.76	25.93	0	888	26.44	0.913	-0.216	12.22
8/7/2013 14:00	35047	10.56	283.1	33.54	20.68	7.597	279	38.84	18.89	95.1	96.7	24.76	24.64	0	835	26.44	1.531	0.618	12.22
8/7/2013 15:00	35048	10.12	264.8	26.38	18.89	6.192	256.8	32.78	15.31	95	96.7	24.79	24.54	0	622.5	26.43	1.781	0.25	12.2
8/7/2013 16:00	35049	15.73	221.9	35.24	34.99	10.75	219.5	34.85	26.05	85.2	86.1	42.5	41.49	0	145.7	26.43	9.43	7.652	12.51
8/7/2013 17:00	35050	6.544	219.2	64.67	22.47	4.215	211.3	64.32	17.1	80.8	80.9	44.13	45.06	0	110.9	26.39	9.43	0.001	12.3
8/7/2013 18:00	35051	6.852	355.8	25.08	13.52	5.119	353.3	25.6	9.95	80.8	81.3	48.17	47.64	0	166.5	26.36	9.43	0.001	12.24
8/7/2013 19:00	35052	6.399	25.8	24.29	13.52	4.153	23.68	25.91	11.74	81.7	82.2	50.09	49.56	0	216	26.35	9.43	0	12.62
8/7/2013 20:00	35053	5.341	55.04	21.86	8.16	3.471	51.79	26.96	8.16	82.4	82.8	47.33	47.59	0	179.4	26.33	9.43	-0.001	12.21
8/7/2013 21:00	35054	4.665	75.91	10.82	8.16	2.277	72.77	15.11	6.368	81.7	80.8	46.85	48.33	0	38.74	26.33	9.43	0.001	12.29
8/7/2013 22:00	35055	4.68	92.7	9.41	6.368	1.416	82.5	11.28	4.578	77.88	75.89	55.85	57.37	0	0.068	26.32	9.44	0.001	12.42
8/7/2013 23:00	35056	4.14	130.3	35.07	6.368	0.787	75.82	14.57	4.578	76.79	73.14	56.38	61.53	0	0.012	26.31	9.44	0.001	12.21
8/8/2013 0:00	35057	5.315	129.2	21.11	8.16	1.397	109.1	19.82	4.578	75.04	72.57	64.73	64.46	0	0.019	26.32	2.346	-7.09	12.24
8/8/2013 1:00	35058	6.165	180.2	14.73	15.31	1.712	175.4	18.2	4.578	74.71	71.8	64.03	66.93	0	0.009	26.31	2.416	0.07	12.34
8/8/2013 2:00	35059	5.459	137.5	10.4	8.16	1.564	119.7	14.48	4.578	73.18	70.73	64.13	65.89	0	0.007	26.31	2.562	0.146	12.23
8/8/2013 3:00	35060	5.583	144.2	9.42	8.16	1.328	133.7	10.86	4.578	72.25	70.09	66.14	66.65	0	0.011	26.29	2.356	-0.206	12.21
8/8/2013 4:00	35061	5.288	159.6	23.8	8.16	0.813	166.1	26.43	4.578	70.5	68.7	69.82	68.83	0	0.006	26.28	2.34	-0.016	12.26
8/8/2013 5:00	35062	3.197	187	25.29	6.368	0.429	197.1	11.8	4.578	68.94	67.53	73.24	70.67	0	0.006	26.27	2.273	-0.067	12.21
8/8/2013 6:00	35063	2.839	187.7	24.09	13.52	0.778	189.3	19.6	8.16	69.76	67.91	71.93	71.91	0	0.005	26.26	2.001	-0.273	12.36
8/8/2013 7:00	35064	2.507	235.3	31.04	6.368	0.259	287.6	6.151	4.578	69.43	67.43	74.45	76.76	0	0.061	26.26	1.899	-0.101	12.45
8/8/2013 8:00	35065	5.127	265.3	53.64	11.74	2.387	305.6	17.3	8.16	69.38	66.94	74.99	77.06	0	30.82	26.26	2.426	0.526	12.4
8/8/2013 9:00	35066	6.346	260.1	31.5	11.74	3.689	254.3	32.13	8.16	73.82	74.41	64.27	61.74	0	223.3	26.29	2.8	0.374	12.35
8/8/2013 10:00	35067	6.862	246.2	24.28	9.95	4.859	241	26.54	8.16	79.42	80.5	50.9	49.88	0	434.6	26.34	2.438	-0.362	12.22
8/8/2013 11:00	35068	6.822	294.6	27.9	17.1	5.133	293.7	33.6	13.52	84	85.2	40.33	40.63	0	625.5	26.38	2.342	-0.095	12.23
8/8/2013 12:00	35069	8.66	311.1	22.75	17.1	6.618	309.6	27.32	15.31	86.8	88	34.87	35.36	0	793.8	26.41	2.073	-0.27	12.32
8/8/2013 13:00	35070	7.69	300.7	29.52	17.1	5.667	297.6	35.07	15.31	90.4	92.1	28.16	28.13	0	928	26.42	0.948	-1.125	12.24
8/8/2013 14:00	35071	8.87	287.3	44.1	26.05	6.819	285.1	46.46	20.68	92.6	93.9	24.6	24.75	0	1016	26.42	1.125	0.177	12.33
8/8/2013 15:00	35072	8.82	272.1	29.28	18.89	6.879	267.8	34	17.1	94	95.3	21.12	21.04	0	1000	26.41	1.426	0.301	12.22
8/8/2013 16:00	35073	11.35	282.6	26.84	22.47	8.75	281.2	32.51	18.89	94.5	95.9	19.92	19.66	0	916	26.4	1.432	0.006	12.22
8/8/2013 17:00	35074	10.49	274	26.95	20.68	7.861	270	31.76	17.1	94.8	96.2	19.75	19.37	0	801	26.38	1.657	0.225	12.21
8/8/2013 18:00	35075	10.58	285.4	27.58	22.47	8.16	282.6	32.5	18.89	94.8	95.8	20.12	20	0	636.1	26.36	1.509	-0.149	12.43
8/8/2013 19:00	35076	11.82	294.6	21.42	22.47	9.33	293.4	25.7	22.47	94.4	95.2	19.96	19.94	0	433.7	26.34	1.664	0.155	12.24
8/8/2013 20:00	35077	8.71	291.9	27.1	17.1	6.62	289.9	30.99	13.52	94.1	94.5	20.44	20.67	0	219.7	26.33	1.62	-0.044	12.24
8/8/2013 21:00	35078	5.001	291.1	14.61	9.95	2.855	292.2	18.86	9.95	92.1	90.8	20.43	21.95	0	33.81	26.33	2.057	0.437	12.28
8/8/2013 22:00	35079	3.073	147.2	47.3	6.368	1.924	86.4	17.11	4.578	87.9	83.2	24.09	28.63	0	0.077	26.33	1.946	-0.111	12.21
8/8/2013 23:00	35080	5.075	82.7	12.61	9.95	2.387	62.53	9.17	6.368	84.7	81.2	27.08	31.05	0	0.038	26.32	2.162	0.216	12.27
8/9/2013 0:00	35081	7.191	89.2	10.76	9.95	2.912	85.7	18.01	4.578	83.1	80.2	29.61	32.65	0	0.036	26.33	2.276	0.114	12.22
8/9/2013 1:00	35082	6.433	116.7	9.8	9.95	2.126	99.2	16.19	4.578	82.1	78.2	31.44	35.59	0	0.033	26.32	2.321	0.045	12.31
8/9/2013 2:00	35083	7.901	144.3	26.92	13.52	3.829	140.8	41.88	9.95	79.13	76.96	37.13	39.46	0	0.022	26.31	2.391	0.07	12.22
8/9/2013 3:00	35084	7.065	179.8	9.6	13.52	3.326	187.5	17.09	6.368	76.11	74.74	46.01	46.75	0	0.018	26.31	2.245	-0.146	12.21
8/9/2013 4:00	35085	6.065	284.6	53.61	15.31	3.771	306.3	36.27	11.74	76.68	75.48	49.46	49.94	0	0.015	26.32	2.476	0.231	12.2
8/9/2013 5:00	35086	11.53	20.13	21.35	20.68	7.357	16.92	22.84	17.1	72.96	72.78	66.49	63.15	0	0.023	26.33	2.324	-0.152	12.21
8/9/2013 6:00	35087	13.39	34.19	10.28	22.47	7.691	31.36	13.81	17.1	69.48	69.46	77.8	72.4	0	0.008	26.33	2.416	0.092	12.2
8/9/2013 7:00	35088	14.35	31.17	10.21	22.47	8.63	28.07	13.96	18.89	67.96	67.95	80.7	74.87	0	0.057	26.34	2.597	0.181	12.23
8/9/2013 8:00	35089	16.35	28.5	9.67	26.05	9.93	25.85	13.63	18.89	66.56	66.64	76.87	71.08	0	44.47	26.35	1.925	-0.672	12.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
8/9/2013 9:00	35090	17.36	32.58	10.58	29.63	10.27	29.91	14.45	22.47	68.02	68.67	74.27	68.48	0	222.4	26.38	9.43	7.508	12.25	
8/9/2013 10:00	35091	18.87	41.76	10.7	31.42	10.43	38.42	15.25	22.47	70.35	71.35	70.56	65.35	0	431.2	26.41	9.44	0.003	12.26	
8/9/2013 11:00	35092	15.24	43.11	13.3	26.05	8.81	37.74	17.7	24.26	74.02	75.37	64.17	60.17	0	623.2	26.44	9.43	-0.001	12.21	
8/9/2013 12:00	35093	13.04	48.89	17.11	20.68	7.844	43.56	22.26	17.1	78.44	80.4	56.1	53.32	0	798.8	26.47	9.43	-0.002	12.22	
8/9/2013 13:00	35094	12.25	52.11	15.92	22.47	7.473	46.17	21.1	17.1	82.2	84.4	49.63	48	0	921	26.49	9.43	0	12.36	
8/9/2013 14:00	35095	11.96	41.3	21.09	22.47	7.686	36.93	24.38	17.1	85.2	87.5	43.96	43.38	0	981	26.5	9.43	-0.001	12.3	
8/9/2013 15:00	35096	12.02	37.15	20.51	20.68	7.997	32.66	24.57	18.89	87.5	89.7	39.41	39.62	0	979	26.5	9.43	-0.001	12.23	
8/9/2013 16:00	35097	12.19	43	20.87	20.68	8.09	37.17	25.87	17.1	89.6	91.8	35.77	36.02	0	916	26.49	9.43	-0.001	12.23	
8/9/2013 17:00	35098	12.79	63.05	19.03	24.26	8.01	60.1	26.14	20.68	91.3	93.6	32.86	33.11	0	791.3	26.48	9.43	0	12.21	
8/9/2013 18:00	35099	11.48	61.09	20.23	22.47	7.174	56.13	26.38	18.89	91.9	93.7	31.66	32.19	0	618.8	26.47	9.43	0	12.23	
8/9/2013 19:00	35100	11.89	63.24	14.52	20.68	7.261	59.39	22.37	13.52	91.8	93.2	31.74	32.41	0	420.4	26.46	9.43	0.001	12.21	
8/9/2013 20:00	35101	13.63	59.43	13.01	22.47	8.07	55.3	20.64	17.1	91.1	91.8	32.87	33.9	0	214.2	26.45	9.43	0.001	12.29	
8/9/2013 21:00	35102	15.39	64.02	9.65	24.26	9.36	60.27	17.83	17.1	88.9	88.9	36.06	37.45	0	56.39	26.45	9.43	0	12.22	
8/9/2013 22:00	35103	14.08	111.3	50.95	29.63	8.65	112.1	55.74	20.68	84	84.1	45.93	45.81	0	0.112	26.48	9.43	0	12.23	
8/9/2013 23:00	35104	12.03	196.6	35.99	27.84	7.467	197	34.04	22.47	70.16	69.39	75.63	74.68	0.43	0.024	26.52	9.44	0.003	12.26	
8/10/2013 0:00	35105	13.62	208.1	16.44	27.84	8.78	210.2	17.9	22.47	72.95	71.91	60.48	62.62	0	0.004	26.51	9.43	-0.003	12.35	
8/10/2013 1:00	35106	13.95	207	17.87	29.63	8.22	206.7	22.28	17.1	72.81	70.69	57.19	63.53	0.05	0.008	26.51	9.43	0	12.69	
8/10/2013 2:00	35107	8.9	78.54	63	22.47	4.838	69.44	60.9	15.31	76.97	74.85	44.82	51.14	0	0.017	26.45	9.43	0	12.28	
8/10/2013 3:00	35108	11.99	66.98	8.86	18.89	7.264	64.96	17.37	15.31	73.81	72.99	62.76	62.56	0	0.032	26.46	9.44	0.003	12.3	
8/10/2013 4:00	35109	13.06	77.5	9.1	20.68	7.469	75.05	19.49	15.31	71.77	71.18	74.1	71.51	0	0.02	26.49	9.44	0	12.2	
8/10/2013 5:00	35110	11.93	61.49	12.51	18.89	6.834	57.73	19.79	13.52	70.3	69.81	76.6	73.19	0	0.015	26.51	9.44	0	12.2	
8/10/2013 6:00	35111	12.98	26.44	12.14	20.68	8.62	22.17	14.95	17.1	69.38	69.09	77.94	73.72	0	0.01	26.52	9.43	-0.003	12.43	
8/10/2013 7:00	35112	11.59	23.64	11.01	20.68	7.858	21.09	15.36	17.1	69.3	69.08	77.32	72.97	0	0.04	26.52	9.43	0	13.42	
8/10/2013 8:00	35113	12.91	40.99	10.09	24.26	7.247	38.76	14.13	15.31	69.73	69.52	74.96	71.1	0	10.76	26.54	9.44	0.003	12.78	
8/10/2013 9:00	35114	13.94	46.95	9.33	22.47	7.615	42.97	15.13	15.31	69.88	70.13	75.32	71.09	0	172.8	26.56	9.44	0	12.21	
8/10/2013 10:00	35115	12.61	62.57	11.89	20.68	7.638	60.74	20.38	15.31	72.61	73.85	66.44	63.44	0	416.9	26.58	9.44	-0.001	13.28	
8/10/2013 11:00	35116	10.39	65.03	12.22	17.1	6.319	62.94	21.07	13.52	75.03	76.17	59.63	58.36	0	403.8	26.6	9.43	-0.001	13.54	
8/10/2013 12:00	35117	7.466	76.85	22.6	15.31	5.066	75.03	31.69	11.74	80.1	81.8	50.19	50.55	0	745.3	26.62	1.293	-8.14	13.46	
8/10/2013 13:00	35118	6.337	114.4	24.77	13.52	4.412	118.9	33.66	11.74	83.4	85	46.93	47.7	0	734.6	26.64	1.477	0.184	13.62	
8/10/2013 14:00	35119	5.358	84.9	67.96	15.31	3.62	88.8	67.93	11.74	85.1	86.2	44.33	46.03	0	598.9	26.64	1.369	-0.108	13.79	
8/10/2013 15:00	35120	5.647	38.71	43.12	15.31	3.936	32.38	49.35	11.74	86.1	87.1	41.99	44.1	0	646.5	26.62	1.23	-0.139	13.56	
8/10/2013 16:00	35121	5.43	26.95	45.46	15.31	3.932	27.01	48.35	11.74	89.6	90.3	35.27	38.21	0	873	26.61	1.166	-0.064	13.54	
8/10/2013 17:00	35122	7.545	81.1	39.96	15.31	5.142	84.1	49.91	13.52	88.4	89.3	35.92	38.19	0	471.1	26.58	1.407	0.241	13.52	
8/10/2013 18:00	35123	11.23	115.2	13.53	18.89	7.152	120.4	22.17	15.31	85.4	85.8	42.63	44.26	0	194.7	26.56	1.613	0.206	13.44	
8/10/2013 19:00	35124	9.1	96.1	19.51	17.1	6.031	97.8	28.69	13.52	87.4	88.3	37.05	38.81	0	424.4	26.53	1.166	-0.447	13.47	
8/10/2013 20:00	35125	10.61	86.7	17.21	17.1	6.62	90	25.5	11.74	86.3	86.7	40.43	42.32	0	150.5	26.52	1.594	0.428	13.54	
8/10/2013 21:00	35126	7.457	111.2	10.95	15.31	4.021	116	19.85	9.95	82.5	81.7	49.77	51.62	0	6.639	26.51	2.289	0.694	13.49	
8/10/2013 22:00	35127	5.715	96.1	9.79	8.16	1.613	98.3	13.35	6.368	79.72	77.8	59.35	63.11	0	0.069	26.51	2.663	0.374	12.78	
8/10/2013 23:00	35128	6.435	138.3	8.3	11.74	3.039	140.9	14.36	8.16	78.06	77.03	65.88	66.74	0	0.055	26.52	2.875	0.212	12.65	
8/11/2013 0:00	35129	6.078	124	10.02	8.16	2.657	124.4	17.77	4.578	76.95	75.57	64.49	66.4	0	0.051	26.52	2.85	-0.025	12.3	
8/11/2013 1:00	35130	7.438	120.3	11.03	13.52	3.821	123.1	20.24	8.16	76.73	75.61	67.91	68.08	0	0.039	26.52	3.174	0.323	12.63	
8/11/2013 2:00	35131	7.13	132.6	11.32	11.74	3.667	136.4	17.62	8.16	76.61	75.85	67.78	67.24	0	0.058	26.51	2.911	-0.263	13.27	
8/11/2013 3:00	35132	4.429	100	14.89	6.368	1.101	76.91	8.97	4.578	75.17	73.52	70.13	71.92	0	0.048	26.5	2.816	-0.095	13.41	
8/11/2013 4:00	35133	5.334	69.65	12.81	9.95	2.076	76.43	16.01	4.578	74.38	73.07	73.21	73.36	0	0.023	26.49	2.809	-0.006	13.32	
8/11/2013 5:00	35134	6.718	110.9	10.8	11.74	3.604	113.4	19.82	6.368	72.69	71.73	78.17	76.2	0	0.023	26.48	2.641	-0.168	12.7	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/11/2013 6:00	35135	4.926	107.4	14.64	8.16	1.115	107	15.37	6.368	71.68	70.21	77.99	77.51	0	0.017	26.47	2.575	-0.067	12.26
8/11/2013 7:00	35136	5.117	73.88	14.27	8.16	2.26	68.24	14.15	4.578	71.42	70.18	77.9	76.75	0	0.068	26.48	2.996	0.422	13.45
8/11/2013 8:00	35137	5.205	16.3	41.88	15.31	3.037	359.2	35.33	11.74	71.65	71.13	77.26	74.71	0	10.88	26.51	3.183	0.187	13.45
8/11/2013 9:00	35138	4.159	31.4	35.55	8.16	2.07	39.15	29.88	6.368	73.28	73.27	74.06	71.36	0	93.7	26.53	2.248	-0.935	13.46
8/11/2013 10:00	35139	8.13	38.48	21.51	17.1	5.414	36.41	24.35	13.52	76.59	77.74	65.25	62.94	0	473.1	26.56	0.773	-1.475	13.63
8/11/2013 11:00	35140	6.757	56.17	39.86	11.74	4.817	51.6	45.62	11.74	80.4	81.9	56.92	55.91	0	642.7	26.58	1.376	0.602	13.56
8/11/2013 12:00	35141	5.743	94.1	44.67	15.31	4.005	94.8	50.08	11.74	83.4	84.6	51.13	51.44	0	726.1	26.61	1.423	0.047	13.61
8/11/2013 13:00	35142	9.7	155.2	18.75	18.89	6.322	162.3	28.43	13.52	85.3	87.1	47.72	47.13	0	782.6	26.6	0.469	-0.954	13.56
8/11/2013 14:00	35143	11.86	169.7	24.16	22.47	7.606	176.5	28.33	17.1	86.7	88.4	42.11	42.34	0	784.8	26.59	0.333	-0.136	13.62
8/11/2013 15:00	35144	12.46	180.1	15.37	26.05	8.21	186.8	20.89	18.89	88.5	90.4	36.9	37.21	0	977	26.57	0.7	0.368	13.66
8/11/2013 16:00	35145	12	195.8	21.1	24.26	8.1	201.8	24.21	17.1	90.2	92	34.61	34.82	0	942	26.56	0.96	0.26	13.32
8/11/2013 17:00	35146	9.94	216.7	57.64	22.47	7.025	222	57.65	20.68	89.1	90.2	36.95	37.74	0	416.1	26.54	1.432	0.472	13.38
8/11/2013 18:00	35147	12.72	34.72	16.48	22.47	8.07	32.36	21.46	15.31	85	85.9	46.05	46.4	0	355.5	26.52	1.258	-0.174	13.31
8/11/2013 19:00	35148	11.66	56.87	14.48	20.68	6.868	55.59	22.17	15.31	84.3	85.1	45.88	46.4	0	257.8	26.51	1.48	0.222	13.53
8/11/2013 20:00	35149	10.41	49.04	12.47	17.1	6.009	47.54	17.78	13.52	83.8	84.3	44.96	45.8	0	187.1	26.48	1.525	0.044	13.57
8/11/2013 21:00	35150	8.74	85	16.56	13.52	5.444	87.4	24.62	9.95	81.9	81.8	48.08	48.7	0	33.86	26.49	1.889	0.365	13.41
8/11/2013 22:00	35151	7.053	65.27	17.91	13.52	4.225	67.47	22.79	9.95	79.8	79.45	56.6	56.31	0	0.062	26.48	1.747	-0.142	13.41
8/11/2013 23:00	35152	9.23	76.39	9.75	15.31	5.468	76.17	19.15	9.95	78.16	77.87	61.34	60.21	0	0.042	26.48	1.598	-0.149	13.41
8/12/2013 0:00	35153	7.795	106.3	16.53	15.31	4.896	109.8	25.44	11.74	76.73	76.46	66.18	64.4	0	0.054	26.48	2.251	0.653	13.15
8/12/2013 1:00	35154	8.45	85.6	9.47	17.1	4.955	86.1	19.24	9.95	75.48	75.15	68.63	66.48	0	0.026	26.48	2.216	-0.035	13.02
8/12/2013 2:00	35155	8.5	84.3	9.03	13.52	4.933	85.8	19.61	9.95	74.39	74.08	70.73	68.21	0	0.031	26.47	2.077	-0.139	13.33
8/12/2013 3:00	35156	7.002	105.5	12.11	9.95	3.989	106.8	20.98	6.368	73.63	72.88	69.98	68.45	0	0.021	26.46	2.483	0.406	13.36
8/12/2013 4:00	35157	7.113	128.5	7.266	11.74	3.484	130.4	16.35	6.368	73.29	72.31	70.24	69	0	0.019	26.45	2.549	0.067	13.51
8/12/2013 5:00	35158	6.985	143.8	11.99	13.52	3.233	147.5	18.5	8.16	72.41	71.34	73.36	71.83	0	0.022	26.45	2.816	0.266	13.47
8/12/2013 6:00	35159	6.972	165	10.23	13.52	3.576	172.3	17.11	8.16	72.58	71.99	72.8	70.21	0	0.023	26.45	2.923	0.108	13.38
8/12/2013 7:00	35160	6.934	163	10.27	11.74	3.815	169.8	17.4	8.16	72.01	71.52	74.53	71.41	0	0.065	26.45	2.682	-0.241	12.83
8/12/2013 8:00	35161	4.757	171.4	11.74	8.16	1.732	180.8	13.42	6.368	70.82	70.14	78.88	75.17	0	31.73	26.46	3.006	0.323	12.73
8/12/2013 9:00	35162	7.689	185.7	11.93	15.31	5.029	194.6	17.05	11.74	73.36	74.15	74.71	69.37	0	198.2	26.48	3.434	0.428	13.42
8/12/2013 10:00	35163	12.07	180.2	12.31	18.89	7.555	187.3	18.18	13.52	76.21	77.57	68.12	63.69	0	412	26.5	0.989	-2.445	13.38
8/12/2013 11:00	35164	12.01	183	14.92	18.89	7.774	190	19.58	13.52	80.5	82	57.86	55.26	0	609.8	26.53	1.518	0.529	13.37
8/12/2013 12:00	35165	12.09	184.8	18.21	18.89	8.04	192.5	21.86	17.1	84	85.5	48.46	47.41	0	784.8	26.55	1.35	-0.168	13.48
8/12/2013 13:00	35166	9.51	185.8	24.65	17.1	6.521	192.3	27.7	13.52	86.4	88	42.52	42.41	0	873	26.56	1.398	0.047	13.51
8/12/2013 14:00	35167	7.667	160.7	45.8	17.1	5.476	172	46.5	13.52	89.3	90.9	36.91	37.61	0	957	26.56	1.141	-0.257	13.29
8/12/2013 15:00	35168	6.245	166.3	55.58	15.31	4.509	174.2	57.89	11.74	91.3	92.1	34.2	35.54	0	841	26.55	1.613	0.472	13.32
8/12/2013 16:00	35169	7.085	138.4	34.42	15.31	4.847	146.1	42.13	13.52	90.6	91.6	33.85	35.17	0	533.8	26.53	1.848	0.235	13.28
8/12/2013 17:00	35170	7.245	142.6	31.98	18.89	4.937	147.6	38.78	11.74	92.4	93.4	31.69	32.94	0	701.1	26.5	1.588	-0.26	13.29
8/12/2013 18:00	35171	8.19	155.7	33.7	17.1	5.446	163.8	37.49	11.74	92.9	94.1	29.67	30.61	0	605.8	26.49	1.562	-0.025	13.29
8/12/2013 19:00	35172	8.1	126.5	24.37	15.31	5.503	131.4	32.49	11.74	92.4	93.3	30.06	31.36	0	418.6	26.47	1.594	0.032	13.25
8/12/2013 20:00	35173	9.35	128.1	20.27	15.31	5.824	135.5	27.94	11.74	91.3	91.9	29.93	31.34	0	190.6	26.46	1.746	0.152	13.26
8/12/2013 21:00	35174	8.02	120.6	9.47	13.52	4.476	127.6	18.87	9.95	88	87.1	34.32	36.86	0	15.6	26.44	2.231	0.485	13.11
8/12/2013 22:00	35175	7.187	117.2	8.65	9.95	3.46	120.5	17.78	8.16	84.4	82.9	39.27	42.6	0	0.048	26.44	2.587	0.355	13.31
8/12/2013 23:00	35176	8.23	131.4	9.26	13.52	4.242	135.2	18.11	9.95	82.2	81	45.06	47.48	0	0.056	26.44	2.653	0.067	13.32
8/13/2013 0:00	35177	7.006	144.1	7.047	11.74	3.416	148.2	14.71	6.368	79.84	78.67	49.79	51.5	0	0.053	26.45	2.476	-0.178	13.1
8/13/2013 1:00	35178	9.38	162.8	10	17.1	4.846	167.8	17.47	11.74	78.43	77.17	53.09	54.45	0	0.022	26.44	2.01	-0.466	13.2
8/13/2013 2:00	35179	10.58	176.2	9.87	17.1	6.026	184	16.09	11.74	78.45	77.79	52.35	52.65	0	0.038	26.44	2.08	0.07	13.04

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/13/2013 3:00	35180	9.57	182.5	8.78	15.31	5.497	189.3	15.21	13.52	77	76.28	55.82	55.63	0	0.034	26.43	2.166	0.086	13.11
8/13/2013 4:00	35181	9.1	178.2	8.69	13.52	5.12	185.3	15.55	9.95	75.85	75.11	59.49	58.82	0	0.027	26.43	2.302	0.136	13.39
8/13/2013 5:00	35182	7.353	175.6	9.43	9.95	3.685	182.1	16.17	6.368	74.18	73.17	64.5	63.57	0	0.024	26.43	2.457	0.155	13.22
8/13/2013 6:00	35183	6.105	170.1	6.512	9.95	1.827	174.2	11.94	6.368	72.51	70.97	68.74	68.22	0	0.015	26.43	2.448	-0.01	13.23
8/13/2013 7:00	35184	4.418	178.6	8.32	8.16	0.079	171.9	2.22	2.789	71.14	68.8	71.68	72.47	0	0.047	26.41	2.197	-0.25	12.48
8/13/2013 8:00	35185	3.018	270.7	33.52	6.368	0.641	314.7	3.07	4.578	71.68	69.72	70.52	71.36	0	30.73	26.41	3.142	0.945	13.23
8/13/2013 9:00	35186	5.23	188.1	31.69	13.52	2.93	185.9	20.99	9.95	75.58	76.4	63.09	60.11	0	204.5	26.44	4.347	1.205	13.37
8/13/2013 10:00	35187	9.64	180.5	13.77	17.1	6.276	188.3	19.65	11.74	78.52	79.83	57.54	55.01	0	416.9	26.47	1.781	-2.565	13.52
8/13/2013 11:00	35188	6.798	199.4	21.69	13.52	4.956	207.4	23.19	11.74	82.8	83.6	50.16	49.29	0	612.6	26.51	1.94	0.158	13.48
8/13/2013 12:00	35189	4.086	159.1	63.72	11.74	2.953	173.2	60.07	9.95	87.8	88.3	40.71	42.37	0	789.9	26.54	2.089	0.149	13.19
8/13/2013 13:00	35190	6.561	109.9	44.05	15.31	4.658	113	52.66	11.74	89.7	91.2	35.87	37.32	0	914	26.55	1.296	-0.792	13.33
8/13/2013 14:00	35191	8.53	105.4	37.1	18.89	5.79	105.6	49.21	15.31	91.7	93.7	32.58	33.57	0	971	26.54	1.306	0.01	13.31
8/13/2013 15:00	35192	10.2	88.7	37.13	18.89	6.824	89.4	46.08	13.52	92	94.1	31.18	32.05	0	899	26.53	1.169	-0.136	13.32
8/13/2013 16:00	35193	9.73	102.3	34.57	22.47	6.506	107.1	43.64	17.1	93.9	95.8	28.94	29.86	0	895	26.51	1.078	-0.092	13.38
8/13/2013 17:00	35194	9.45	115.3	27.1	20.68	6.286	121.1	35.21	15.31	94	95.9	28	28.66	0	738.5	26.49	1.372	0.295	13.49
8/13/2013 18:00	35195	9.85	124.7	23.44	18.89	6.475	132.2	32.24	15.31	93.8	95.2	27.71	28.5	0	512.6	26.47	1.692	0.32	13.41
8/13/2013 19:00	35196	9.2	131.8	22.23	17.1	5.944	138.2	30.14	11.74	93.3	94.1	27.63	28.79	0	367.2	26.46	1.572	-0.12	13.57
8/13/2013 20:00	35197	9.33	122.8	14.04	15.31	5.658	129.2	23.47	13.52	91.8	92.3	29.03	30.32	0	145.4	26.45	1.946	0.374	13.57
8/13/2013 21:00	35198	7.736	117	10.02	13.52	4.36	122.6	18.74	9.95	88.6	87.8	32.82	34.94	0	9.94	26.43	2.811	0.865	13.45
8/13/2013 22:00	35199	7.276	119.7	10.12	9.95	3.651	123.2	19.44	8.16	84.8	83.6	39.33	42.15	0	0.055	26.43	2.907	0.095	13.37
8/13/2013 23:00	35200	8.13	110.9	8.82	13.52	4.419	111.8	20.19	8.16	83.4	82.4	41.44	43.78	0	0.05	26.44	3.04	0.133	13.41
8/14/2013 0:00	35201	8.95	119.3	8.31	13.52	5.045	124.6	19.65	9.95	81.9	80.9	44.9	46.53	0	0.057	26.44	2.964	-0.076	13.55
8/14/2013 1:00	35202	8.71	107.2	25.2	15.31	4.951	109.3	31.63	11.74	80.3	79.45	48.5	49.51	0	0.048	26.44	2.251	-0.713	13.54
8/14/2013 2:00	35203	9.82	71.32	12.06	15.31	6.057	70.76	19.71	9.95	78.44	78.07	57.73	56.67	0	0.046	26.45	1.807	-0.444	13.41
8/14/2013 3:00	35204	13.17	49.53	9.57	20.68	7.188	46.96	16.84	13.52	76.46	76.27	68.11	65.55	0	0.053	26.45	2.159	0.352	13.44
8/14/2013 4:00	35205	15.71	48.46	10.21	27.84	8.69	47.75	16.88	20.68	74.96	74.95	73.73	70.03	0	0.048	26.46	2.194	0.035	12.62
8/14/2013 5:00	35206	15.69	58.85	10.68	26.05	9.29	61.03	19.47	20.68	72.88	72.9	73.66	69.67	0	0.038	26.46	2.229	0.035	13.43
8/14/2013 6:00	35207	17.11	65.43	9.8	26.05	10.46	68.88	18.76	18.89	71.41	71.41	72.33	68.18	0	0.024	26.44	2.036	-0.193	12.5
8/14/2013 7:00	35208	15.73	68.65	8.86	24.26	9.81	71.5	18.33	18.89	69.61	69.64	73.37	68.68	0	0.015	26.44	2.112	0.076	12.41
8/14/2013 8:00	35209	13.94	63.81	12.63	20.68	8.69	66.19	20.35	17.1	69.04	69.04	76.59	71.3	0	7.956	26.46	1.96	-0.152	12.21
8/14/2013 9:00	35210	16.42	23.88	10.81	29.63	11	23.28	15.69	24.26	69.76	69.93	72.36	67.67	0	58.3	26.51	9.43	7.473	12.35
8/14/2013 10:00	35211	20.02	28.05	10.5	33.21	12.37	28.78	15.42	27.84	70.04	70.26	67.32	63.31	0	93.8	26.53	9.44	0.003	13.35
8/14/2013 11:00	35212	16.2	50.59	26.42	27.84	9.78	51.34	31.14	26.05	65.11	65.01	84.4	78.84	0.21	28.16	26.53	9.43	-0.003	12.58
8/14/2013 12:00	35213	11.2	97.6	9.7	20.68	7.178	100.6	20.03	15.31	67.16	66.89	83.9	80.5	0.01	162.7	26.48	9.43	0	13.38
8/14/2013 13:00	35214	7.306	80.2	26.16	13.52	4.652	80.3	32.11	9.95	71.71	72.13	72.69	70.56	0	311.9	26.5	2.825	-6.608	13.47
8/14/2013 14:00	35215	5.954	54.35	27.7	11.74	3.754	55	31.39	9.95	75.08	75.54	61.39	61.18	0	273.2	26.52	3.123	0.297	13.43
8/14/2013 15:00	35216	4.793	41.16	23.22	9.95	3.03	38.28	26.47	8.16	76.99	77.41	56.54	57.11	0	358	26.51	0.735	-2.387	13.38
8/14/2013 16:00	35217	6.051	40.79	25.78	11.74	4.19	39.41	30.55	9.95	81.6	82.7	45.92	48.26	0	938	26.51	1.325	0.59	13.54
8/14/2013 17:00	35218	6.742	42.25	25.48	13.52	4.544	41.1	32.94	9.95	83.8	84.8	40.49	43.41	0	792.5	26.51	0.983	-0.342	13.57
8/14/2013 18:00	35219	7.532	64.01	21.77	15.31	4.886	63.94	29.89	11.74	85	85.9	39.12	41.72	0	621.5	26.49	0.907	-0.076	13.51
8/14/2013 19:00	35220	7.22	97.1	23.02	13.52	4.799	101.3	31.84	9.95	84.6	85.1	39.64	42.15	0	349.8	26.48	1.258	0.352	13.6
8/14/2013 20:00	35221	8.79	108.3	17.32	15.31	5.588	112.9	27.07	11.74	83.3	83.9	47.97	48.95	0	206	26.46	1.398	0.139	13.35
8/14/2013 21:00	35222	7.694	83.2	9.88	13.52	4.371	84.7	19.82	9.95	79.83	78.98	54.16	55.7	0	17.17	26.46	1.537	0.139	13.56
8/14/2013 22:00	35223	8.61	74.14	7.445	13.52	4.956	73.54	18.07	9.95	76.04	75.35	66.42	65.54	0	0.049	26.46	1.465	-0.073	13.44
8/14/2013 23:00	35224	9.21	88.5	12.3	17.1	5.536	92.1	21.61	11.74	73.91	73.3	73.56	71.22	0	0.032	26.46	1.836	0.371	13.42

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/15/2013 0:00	35225	11.36	114.8	13.04	18.89	6.746	121.1	22.25	13.52	72.87	72.28	75.18	72.39	0	0.019	26.46	1.791	-0.044	13.3
8/15/2013 1:00	35226	12.28	117.9	10.41	31.42	7.291	124.6	21.27	18.89	72.34	71.96	78.83	74.91	0	0.04	26.46	1.823	0.032	13.39
8/15/2013 2:00	35227	7.724	109.6	15.41	15.31	4.818	114.6	24.57	11.74	71.4	71.09	84.7	79.86	0	0.031	26.45	1.925	0.101	12.58
8/15/2013 3:00	35228	7.209	85.8	11.18	11.74	4.188	88.1	20.18	8.16	70.41	69.94	85.5	81.1	0	0.026	26.45	2.026	0.101	12.65
8/15/2013 4:00	35229	10.35	67.11	13.96	17.1	6.038	68.19	22.16	11.74	70.23	69.96	84.4	79.7	0	0.022	26.45	1.573	-0.453	12.8
8/15/2013 5:00	35230	11.82	84.1	10.09	20.68	6.951	89.1	20.86	13.52	69.05	68.64	88.1	83.2	0	0.01	26.45	1.608	0.035	12.34
8/15/2013 6:00	35231	6.928	94.3	14.94	11.74	4.127	99	25.37	8.16	67.18	66.58	86.8	82.6	0	0.01	26.44	1.554	-0.054	12.43
8/15/2013 7:00	35232	6.958	70.44	10.29	11.74	3.979	71.01	18.51	9.95	65.53	64.9	84.3	79.93	0	0.019	26.44	1.693	0.14	12.21
8/15/2013 8:00	35233	6.007	50.85	10.86	9.95	3.032	52.29	17.8	6.368	65.54	65.1	83.4	78.64	0	24.95	26.44	1.953	0.26	13.52
8/15/2013 9:00	35234	2.36	43.19	20.22	6.368	0.916	34.42	14.13	4.578	69.51	70.7	74.04	69.09	0	192.8	26.47	2.48	0.526	13.41
8/15/2013 10:00	35235	5.441	158.3	31.25	11.74	3.569	169.6	29.01	9.95	74.16	75.85	68.48	64.07	0	403.7	26.5	2.52	0.041	12.28
8/15/2013 11:00	35236	4.487	193.5	43.71	9.95	3.186	203	43.71	6.368	78.87	79.77	61.33	58.96	0	602.2	26.53	2.377	-0.143	13.22
8/15/2013 12:00	35237	4.495	208.4	38.55	9.95	3.348	216.1	38.08	9.95	84.1	84.4	49.89	50.26	0	788.3	26.56	1.882	-0.495	13.32
8/15/2013 13:00	35238	5.95	246.5	39.33	15.31	4.663	247.5	37.72	11.74	86	86.6	45.96	46.77	0	863	26.56	1.819	-0.063	13.38
8/15/2013 14:00	35239	5.387	230.5	52.06	11.74	4.174	236	43.65	11.74	89.7	90.2	39.83	41.6	0	941	26.54	1.597	-0.222	13.29
8/15/2013 15:00	35240	4.768	170.1	68.17	13.52	3.587	185.6	63.78	11.74	92.4	92.9	33.9	36.16	0	966	26.53	1.322	-0.276	13.36
8/15/2013 16:00	35241	5.523	113.1	71.82	11.74	3.936	134.3	75.3	9.95	93.3	93.9	32.54	34.9	0	809	26.51	1.401	0.079	13.28
8/15/2013 17:00	35242	6.18	130.6	48.23	17.1	4.417	142.5	53.8	11.74	91.6	92.3	33.79	35.66	0	474.4	26.49	1.851	0.45	13.21
8/15/2013 18:00	35243	7.894	86.6	54.09	17.1	5.283	92.1	59.89	13.52	92.5	93.3	32.25	34.24	0	589.1	26.46	1.236	-0.615	13.37
8/15/2013 19:00	35244	6.98	115.2	36.08	13.52	4.538	126	41.4	9.95	92.2	92.9	31.24	33.1	0	375.9	26.45	1.775	0.539	13.32
8/15/2013 20:00	35245	4.908	131.9	26.11	11.74	3.206	144.8	31.99	9.95	92	92.2	30.42	32.54	0	192	26.45	2.244	0.469	13.21
8/15/2013 21:00	35246	8.35	114.7	8.01	17.1	4.796	123.8	18.48	13.52	88.3	87.4	35.57	38.52	0	15.57	26.46	2.323	0.079	13.53
8/15/2013 22:00	35247	8.51	118.2	9.72	15.31	4.776	127.3	19.12	8.16	83.7	82.8	43.98	46.29	0	0.06	26.46	2.32	-0.003	13.44
8/15/2013 23:00	35248	10.6	117.5	10.19	15.31	6.343	125.5	21.11	11.74	81.8	81.3	47.3	48.48	0	0.056	26.46	2.092	-0.228	13.46
8/16/2013 0:00	35249	9.45	120.2	10.48	15.31	5.542	127.7	19.89	11.74	80.1	79.48	47.49	48.55	0	0.044	26.46	2.27	0.178	12.27
8/16/2013 1:00	35250	7.95	125.8	45.41	22.47	4.733	135.7	51.12	9.95	78.29	77.58	50.25	51.01	0	0.033	26.46	2.387	0.117	12.22
8/16/2013 2:00	35251	6.118	207.2	34.35	9.95	3.02	210.5	39.76	6.368	77.23	75.19	51.18	54.45	0	0.019	26.46	2.476	0.089	12.29
8/16/2013 3:00	35252	6.616	162.3	14.15	9.95	2.576	162.4	17.04	6.368	75.15	73.17	55.69	57.77	0	0.015	26.44	2.327	-0.149	12.26
8/16/2013 4:00	35253	3.56	230.1	28.81	6.368	0.035	240.4	3.125	2.789	73.99	71.15	58.84	62.96	0	0.009	26.42	2.359	0.032	12.22
8/16/2013 5:00	35254	3.181	237.5	35.66	8.16	0.627	291.7	4.451	4.578	73.84	70.26	59.39	66.56	0	0.008	26.41	2.242	-0.117	12.24
8/16/2013 6:00	35255	4.286	300.2	6.297	8.16	1.335	309.2	6.96	4.578	71.83	68.97	62.62	67.18	0	0.006	26.39	2.337	0.095	12.2
8/16/2013 7:00	35256	2.164	332.2	16.38	6.368	0.043	342.8	0.631	2.789	71.76	68.2	60.57	67.78	0	0.013	26.38	2.235	-0.101	12.71
8/16/2013 8:00	35257	3.221	342.1	21.77	8.16	0.523	302.8	14.86	4.578	70.75	68.18	63.31	66.99	0	28.16	26.39	2.679	0.444	12.24
8/16/2013 9:00	35258	1.087	102.9	23.69	4.578	0.229	153.7	8.64	4.578	75.62	75.91	53.81	56.54	0	198.1	26.42	4.078	1.398	12.21
8/16/2013 10:00	35259	2.611	204.2	29.86	6.368	1.303	215.2	19.75	6.368	82	83.1	39.34	40.26	0	409.4	26.46	3.908	-0.169	12.22
8/16/2013 11:00	35260	11.28	94.3	29.99	29.63	7.174	98.3	34.67	22.47	84.4	85.7	39.96	40.52	0	606.6	26.52	1.116	-2.793	12.32
8/16/2013 12:00	35261	17.8	105.1	13.1	31.42	11.45	110	22.9	22.47	79.68	81.6	58.47	55.29	0	773.5	26.55	1.873	0.758	13.38
8/16/2013 13:00	35262	15.34	123.3	15.05	26.05	9.69	131.5	23.92	18.89	82.2	84.7	52.48	49.89	0	890	26.55	0.754	-1.119	12.7
8/16/2013 14:00	35263	12.87	136.1	18.09	22.47	8.3	145	27.2	15.31	85.4	87.8	43.38	42.54	0	952	26.55	0.799	0.044	13.05
8/16/2013 15:00	35264	10.77	140.4	19.49	20.68	7.146	147.4	27.52	15.31	88.6	90.8	37.71	37.86	0	950	26.53	0.219	-0.58	13.12
8/16/2013 16:00	35265	8.53	166.5	36.39	17.1	5.879	177.3	41.69	15.31	91	92.5	34.02	34.54	0	888	26.52	1.394	1.176	13.3
8/16/2013 17:00	35266	10.98	154.8	24.91	20.68	7.18	163.6	30.24	15.31	91.3	93.3	34.66	34.93	0	749.3	26.5	1.071	-0.323	13.4
8/16/2013 18:00	35267	9.39	148.3	24.97	18.89	6.28	157.1	32.05	13.52	91.7	93	32.28	32.61	0	570.8	26.5	1.581	0.51	13.3
8/16/2013 19:00	35268	8.79	141	22.37	17.1	5.675	150.7	31.24	11.74	91.2	92.2	30.55	31.57	0	376.6	26.49	1.645	0.063	13.36
8/16/2013 20:00	35269	9.59	126.4	14.02	15.31	5.909	135.1	22.23	11.74	89.9	90.3	30.32	31.58	0	154.3	26.48	1.918	0.273	13.34

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/16/2013 21:00	35270	8.56	115.8	8.84	15.31	4.967	122.4	19.96	11.74	86.6	85.9	33.61	35.54	0	17.13	26.48	2.228	0.311	13.3
8/16/2013 22:00	35271	8.34	114.1	7.635	13.52	4.55	120.7	19.85	8.16	83.3	82.2	37.99	40.4	0	0.054	26.48	2.289	0.06	12.83
8/16/2013 23:00	35272	9.44	114.1	8.11	13.52	5.355	120.6	20.45	9.95	80.9	80	40.66	42.61	0	0.058	26.48	2.245	-0.044	13.26
8/17/2013 0:00	35273	9.01	107.6	12.49	15.31	5.446	113.2	21.71	11.74	78.42	77.8	44.77	45.59	0	0.057	26.49	2	-0.244	12.22
8/17/2013 1:00	35274	10.52	99.3	10.02	18.89	6.794	102.9	19.52	15.31	77.66	77.33	47.49	47.46	0	0.046	26.5	1.693	-0.307	12.24
8/17/2013 2:00	35275	10.17	38.91	31.9	22.47	6.654	39.29	37.98	17.1	77.22	76.99	53.13	52.83	0	0.042	26.52	1.785	0.092	12.44
8/17/2013 3:00	35276	10.12	136.7	41.22	22.47	5.882	148.1	47.01	15.31	75.53	74.9	57.15	57.09	0	0.038	26.46	1.931	0.146	12.63
8/17/2013 4:00	35277	7.649	118.9	20.2	15.31	4.269	125.8	27.05	11.74	73.53	72.65	60.43	59.55	0	0.018	26.47	2.147	0.216	13.49
8/17/2013 5:00	35278	6.355	122.6	8.17	9.95	3.193	123.7	17.43	6.368	70.06	68.9	68.17	66.64	0	0.008	26.46	2.27	0.124	12.57
8/17/2013 6:00	35279	5.776	94.8	16.17	9.95	3.012	90.3	20.93	6.368	68.65	67.5	70.27	68.37	0	0.004	26.44	2.023	-0.247	12.71
8/17/2013 7:00	35280	6.907	75.36	9.15	9.95	3.961	74.98	18.02	8.16	67	66.22	73.38	70.08	0	0.022	26.44	1.96	-0.063	12.63
8/17/2013 8:00	35281	7.002	79	8.76	11.74	3.996	79.23	19.2	6.368	66.21	65.62	75.73	71.61	0	24.56	26.45	2.064	0.105	12.22
8/17/2013 9:00	35282	8.83	111.5	15.82	15.31	5.642	118.3	25.72	13.52	69.42	70.17	70.44	65.61	0	180.8	26.47	2.292	0.228	12.21
8/17/2013 10:00	35283	12.01	137.3	11.92	18.89	7.356	147.3	20.34	15.31	73.8	75.21	59.13	55.88	0	392.2	26.5	0.989	-1.303	12.22
8/17/2013 11:00	35284	12.57	153.4	14.95	20.68	7.829	162.9	21.35	15.31	78.66	80.2	48.03	46.62	0	591.3	26.52	1.16	0.171	12.22
8/17/2013 12:00	35285	12.28	162.3	16.4	24.26	7.698	171.9	23.02	15.31	82.5	84.5	42.46	41.72	0	766.5	26.55	0.282	-0.878	13.2
8/17/2013 13:00	35286	10.74	154.4	21.38	18.89	6.952	164.8	26.36	15.31	86.5	88.6	37.14	36.97	0	889	26.56	0.326	0.044	12.95
8/17/2013 14:00	35287	9.13	165.8	27.73	18.89	6.327	174.7	31.55	13.52	90	91.7	32.81	33.09	0	950	26.55	1.084	0.757	12.97
8/17/2013 15:00	35288	7.892	164.4	42.89	18.89	5.551	174.4	48.36	13.52	92.8	94.2	29.64	30.27	0	947	26.53	0.875	-0.209	13.39
8/17/2013 16:00	35289	9.6	157.6	31.39	20.68	6.547	168.1	37.95	17.1	93.7	95.4	27.99	28.39	0	877	26.51	0.7	-0.174	13.29
8/17/2013 17:00	35290	9.73	134.9	28.63	18.89	6.667	142.5	36.5	15.31	94.1	95.9	26.5	26.98	0	719.7	26.49	9.43	8.73	13.43
8/17/2013 18:00	35291	9.55	144.1	20.51	20.68	6.335	153.8	27.53	15.31	94.6	95.9	24.56	25.13	0	575.7	26.46	9.43	0	13.39
8/17/2013 19:00	35292	9.58	150.2	20.04	18.89	6.028	159.2	27.66	13.52	94.5	95.3	23.95	24.77	0	369.2	26.45	9.43	0	13.53
8/17/2013 20:00	35293	8.57	171.8	19.2	17.1	5.208	179.7	23.28	13.52	92.9	93	24.62	25.75	0	125.2	26.44	9.43	0.001	13.3
8/17/2013 21:00	35294	6.282	151.6	19.36	9.95	2.898	157.2	25.32	8.16	89.3	87.7	27.99	30.65	0	8.39	26.43	9.43	0	13.37
8/17/2013 22:00	35295	7.391	121	8.64	11.74	3.521	118.1	16.85	6.368	84.9	82.5	32.67	36.35	0	0.049	26.42	9.43	0.001	13.68
8/17/2013 23:00	35296	7.632	119.6	6.61	11.74	3.741	121.6	16.86	8.16	82.4	80.5	35.61	38.77	0	0.044	26.43	9.43	0	13.38
8/18/2013 0:00	35297	8.22	100.1	13.58	11.74	4.764	103.6	20.9	8.16	79.57	78.63	39.48	41.21	0	0.042	26.44	9.43	0	13.58
8/18/2013 1:00	35298	10.64	114.3	16.28	18.89	6.12	120	24.47	11.74	77.77	76.94	40.91	42.28	0	0.035	26.44	9.44	0.001	13.54
8/18/2013 2:00	35299	10.74	128.8	8.78	17.1	6.141	136.1	18.71	11.74	77.3	76.48	40.61	41.83	0	0.031	26.45	9.44	0	13.19
8/18/2013 3:00	35300	8.58	127.5	7.66	11.74	4.675	133.1	17.46	9.95	75.39	74.41	45.02	45.82	0	0.022	26.44	9.44	0.001	13.54
8/18/2013 4:00	35301	8.51	128.8	7.624	13.52	4.581	133.6	17.8	9.95	73.73	72.71	47.89	48.23	0	0.017	26.43	9.44	0	13.6
8/18/2013 5:00	35302	5.933	124.9	10.71	11.74	2.099	128.5	17	8.16	72.32	70.95	50.88	51.36	0	0.016	26.42	9.44	0	12.88
8/18/2013 6:00	35303	6.294	88.3	12.12	9.95	3.063	83	16.68	6.368	70.37	68.63	55.03	55.46	0	0.01	26.41	9.43	-0.003	13.46
8/18/2013 7:00	35304	6.481	89.9	8.08	9.95	3.336	89	16.25	6.368	68.29	66.97	59.34	58.39	0	0.011	26.4	9.43	0	12.78
8/18/2013 8:00	35305	7.557	76.41	8.8	11.74	4.305	74.84	18.33	8.16	67.56	66.66	60.77	58.93	0	18	26.41	9.43	-0.003	12.77
8/18/2013 9:00	35306	8.21	102.3	18.42	13.52	5.15	108	28.22	9.95	69.95	70.34	56.26	54	0	163.9	26.43	9.43	-0.003	13.53
8/18/2013 10:00	35307	10.37	156	19.43	17.1	6.435	166.7	24.32	13.52	75.03	76.18	45.51	44.33	0	368.5	26.46	9.43	-0.001	13.64
8/18/2013 11:00	35308	10.01	181.6	16.77	15.31	6.513	191.8	20.64	11.74	80.7	81.9	38.37	38.11	0	572.4	26.49	9.42	-0.002	13.76
8/18/2013 12:00	35309	8.98	190.9	17.37	15.31	6.28	199.4	19.47	13.52	86	87.3	33.57	33.52	0	756	26.53	9.42	0	13.79
8/18/2013 13:00	35310	8.17	220.5	22.94	15.31	6.224	225.8	23.97	11.74	89.9	90.9	30.04	30.3	0	893	26.54	9.42	-0.001	13.89
8/18/2013 14:00	35311	6.076	255.9	50.44	13.52	4.87	259	47.42	11.74	94.3	94.8	25.71	26.66	0	951	26.53	9.42	0	13.86
8/18/2013 15:00	35312	5.309	130.2	70.76	13.52	4.124	135.5	75.08	11.74	97.9	98.6	19.88	21.2	0	943	26.52	9.42	-0.006	13.51
8/18/2013 16:00	35313	4.998	85.5	44.19	18.89	3.809	90.4	50.04	13.52	99.4	100	17.4	18.94	0	809	26.5	9.39	-0.025	13.66
8/18/2013 17:00	35314	5.449	158.7	42.14	9.95	3.686	173.5	40.83	8.16	96	96.3	20.04	21.04	0	244.4	26.48	9.37	-0.019	13.54

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/18/2013 18:00	35315	4.266	159.5	56.91	11.74	2.675	162.1	56.53	8.16	95.4	95.2	20.16	21.61	0	186.4	26.45	9.35	-0.021	13.56
8/18/2013 19:00	35316	3.571	112.4	32.47	11.74	1.797	119.9	27.5	8.16	95.6	95.1	18.99	20.94	0	183.5	26.43	9.33	-0.019	13.6
8/18/2013 20:00	35317	12.42	141.3	25.08	20.68	7.372	150.5	31.18	15.31	94.4	94.7	21.65	22.47	0	163.5	26.43	9.3	-0.029	13.59
8/18/2013 21:00	35318	10.34	173.5	10.86	24.26	5.801	183.5	17	17.1	88	87.3	28.25	29.47	0	8.39	26.43	9.28	-0.025	13.4
8/18/2013 22:00	35319	12.82	185.1	11.04	22.47	7.7	194.6	16.03	15.31	81.9	81.5	39.12	39.88	0	0.058	26.44	9.26	-0.015	13.67
8/18/2013 23:00	35320	8.1	185.8	9.41	15.31	4.621	194.4	14.79	11.74	78.35	77.64	47.64	48.07	0	0.04	26.45	9.24	-0.022	12.79
8/19/2013 0:00	35321	5.164	177.6	14.47	9.95	1.849	189.4	12.07	6.368	76.21	74.76	49.78	50.89	0	0.022	26.43	9.2	-0.04	13.78
8/19/2013 1:00	35322	5.074	164.9	13.03	8.16	1.503	171.6	13.57	6.368	73.06	71.3	57.51	57.73	0	0.015	26.42	9.19	-0.013	13.48
8/19/2013 2:00	35323	4.223	200.1	18.54	8.16	0.677	210.4	13.9	4.578	71.98	69.88	61.67	62.07	0	0.008	26.41	9.18	-0.006	12.81
8/19/2013 3:00	35324	2.115	230.2	41.39	8.16	0.139	168.5	9.7	2.789	71.02	67.95	62.59	64.82	0	0.004	26.4	9.18	-0.006	13.48
8/19/2013 4:00	35325	3.647	145.6	16.66	8.16	1.334	108.4	13.76	4.578	71.09	67.17	62.46	65.75	0	0.002	26.39	9.17	-0.003	13.5
8/19/2013 5:00	35326	5.208	141.5	16.38	8.16	0.849	122.4	9.94	4.578	69.31	66.75	66.24	66.95	0	0.007	26.37	9.17	-0.003	13.48
8/19/2013 6:00	35327	2.812	229.5	28.21	8.16	0.263	260.8	6.274	4.578	68.38	65.98	67.95	68.14	0	0.002	26.36	9.17	-0.003	13.39
8/19/2013 7:00	35328	4.757	85.5	9.33	8.16	2.478	79.68	12.06	4.578	68.02	65.27	68.4	69.09	0	0.007	26.36	9.16	-0.003	13.39
8/19/2013 8:00	35329	4.21	88.4	16.4	8.16	1.533	80.6	13.85	4.578	68.53	66.39	66.19	66.4	0	17.83	26.37	9.16	0	13.11
8/19/2013 9:00	35330	4.395	157.2	40.26	11.74	2.128	176.7	39.29	8.16	71.44	71.73	61.31	58.82	0	168.6	26.39	9.16	0	13.44
8/19/2013 10:00	35331	7.896	195.4	13.96	13.52	5.237	205.4	17.06	9.95	76.69	77.42	50.74	49.54	0	345.3	26.43	9.16	-0.001	13.49
8/19/2013 11:00	35332	9.32	189.1	14.5	15.31	6.342	200	18.47	13.52	82.6	83.6	40.7	40.84	0	530.3	26.47	9.18	0.02	13.47
8/19/2013 12:00	35333	10.56	187.2	15.77	17.1	7.074	195.6	19.68	13.52	86.7	88.1	34.21	34.43	0	761.2	26.5	9.2	0.015	13.5
8/19/2013 13:00	35334	9.74	204.4	15.16	15.31	6.989	211.8	17.61	13.52	91	92.3	28.03	28.27	0	890	26.52	9.21	0.015	13.71
8/19/2013 14:00	35335	10.63	186.2	20.68	18.89	7.3	195.2	24.47	17.1	94.1	95.8	23.22	23.27	0	954	26.51	9.23	0.013	13.41
8/19/2013 15:00	35336	10.49	188.8	22.83	22.47	7.351	197.9	25.59	15.31	96.1	97.7	19.6	19.59	0	951	26.5	9.24	0.013	13.58
8/19/2013 16:00	35337	10.5	196.7	35.31	24.26	7.25	204.1	38.19	20.68	97.1	98.6	17.61	17.61	0	893	26.49	9.25	0.01	13.61
8/19/2013 17:00	35338	10.03	194.7	30.44	20.68	6.882	204.4	31.41	15.31	97.1	98.5	16.97	16.9	0	712.7	26.46	9.25	0.003	13.36
8/19/2013 18:00	35339	10.75	182.2	25.62	22.47	7.111	191.1	29.88	18.89	96.8	98.1	17.14	17.02	0	585.5	26.45	9.26	0.006	13.49
8/19/2013 19:00	35340	9.82	184.2	21.14	18.89	6.492	192.7	24.05	13.52	95.8	96.5	17.48	17.67	0	362.7	26.43	9.26	0.004	13.5
8/19/2013 20:00	35341	10.18	182.5	14.85	17.1	6.335	190.6	19.22	15.31	94.5	94.6	18.02	18.44	0	149.1	26.42	9.27	0.01	13.48
8/19/2013 21:00	35342	8.18	176.9	11.53	15.31	4.245	183.5	18.39	9.95	90.4	89.2	20.97	22.15	0	7.694	26.41	9.28	0.01	13.42
8/19/2013 22:00	35343	7.378	161.6	6.773	9.95	3.232	165.8	13.62	6.368	85.6	83.4	25.15	27.09	0	0.046	26.4	9.3	0.023	13.74
8/19/2013 23:00	35344	7.522	165.6	6.573	11.74	3.384	170.2	14.08	6.368	82.7	80.9	28.24	29.98	0	0.052	26.4	9.32	0.02	13.78
8/20/2013 0:00	35345	5.808	177	16.35	9.95	1.343	173.4	15.3	4.578	79.88	77.01	31.52	34.49	0	0.042	26.4	9.35	0.023	13.67
8/20/2013 1:00	35346	5.83	175.8	9.46	8.16	1.399	184	14.88	4.578	76.88	74.12	36.28	39.23	0	0.032	26.4	9.36	0.01	13.61
8/20/2013 2:00	35347	5.774	186.8	7.201	8.16	1.479	187	12.22	4.578	75.15	72.53	41.43	43.94	0	0.026	26.39	9.4	0.041	13.54
8/20/2013 3:00	35348	4.056	182.8	14	6.368	0.227	149.3	5.614	2.789	73.11	70.4	47.95	49.9	0	0.015	26.38	9.42	0.019	12.7
8/20/2013 4:00	35349	4.292	191.1	18.89	8.16	0.554	172	13.8	4.578	72.12	69.46	51.97	53.59	0	0.006	26.37	9.43	0.016	12.22
8/20/2013 5:00	35350	3.788	141.6	25.22	6.368	0.77	96.3	9.06	2.789	70.93	68.64	56.04	56.8	0	0.004	26.36	9.43	0	13.56
8/20/2013 6:00	35351	3.889	137.4	13.61	6.368	0.398	103.8	6.114	2.789	70.09	67.68	58.68	59.68	0	0.012	26.35	9.43	0	13.46
8/20/2013 7:00	35352	2.864	165.8	23.33	8.16	0.106	195.8	6.361	2.789	70.42	67.83	58.06	59.54	0	0.01	26.35	9.43	0	13.64
8/20/2013 8:00	35353	3.216	113.7	13.91	4.578	0.734	85.2	5.665	4.578	69.35	67.22	60.29	60.8	0	14.8	26.36	9.43	0	13.56
8/20/2013 9:00	35354	6.335	139.2	17.78	17.1	3.358	142.4	28.15	11.74	72.01	71.87	55.91	55.03	0	163.3	26.38	9.43	0	13.55
8/20/2013 10:00	35355	10.39	177	14.94	17.1	6.52	185.8	19.44	13.52	78.09	79.01	44.55	44.03	0	377.3	26.42	9.43	0.002	13.6
8/20/2013 11:00	35356	10.75	190.3	12.47	15.31	7.139	199.2	17.07	11.74	83.6	84.8	34.85	34.94	0	581.9	26.46	9.43	-0.002	13.39
8/20/2013 12:00	35357	10.51	196.1	16.65	18.89	7.296	204.3	18.89	13.52	87.6	88.9	28.68	28.62	0	762.4	26.49	9.43	-0.001	13.46
8/20/2013 13:00	35358	12.75	196.7	17.61	24.26	8.42	203.8	20.64	17.1	89.7	91.5	23.58	23.12	0	839	26.5	9.43	0	13.38
8/20/2013 14:00	35359	14.55	197.1	16.09	24.26	9.8	204.5	18.79	18.89	92	94	20.25	19.47	0	962	26.5	9.43	0	13.31

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/20/2013 15:00	35360	11.92	201.1	22.04	20.68	8.21	208.2	23.72	17.1	94	95.7	19.44	18.86	0	967	26.49	9.43	0	13.38
8/20/2013 16:00	35361	14.57	180.6	21.84	24.26	9.36	183.6	26.54	20.68	94.8	97	20.62	19.92	0	903	26.48	9.43	0	13.36
8/20/2013 17:00	35362	11.29	189.9	20.8	22.47	7.693	193.1	26.27	17.1	94.4	96.1	21.44	20.98	0	729.4	26.47	9.43	0	13.46
8/20/2013 18:00	35363	13.59	162.1	16.51	26.05	8.44	172.4	22.3	18.89	94.1	95.7	22.62	22.36	0	560.5	26.45	9.43	0	13.43
8/20/2013 19:00	35364	13.95	148.8	13.57	24.26	8.46	158.6	20.28	20.68	92.9	94	23.85	23.96	0	346.2	26.44	9.43	0.001	13.6
8/20/2013 20:00	35365	15.31	158.2	10.18	24.26	8.94	168.7	16.84	17.1	90.7	91	26.78	27.31	0	142.8	26.43	9.43	0	13.49
8/20/2013 21:00	35366	12.97	154.6	10.38	22.47	7.451	164	16.39	15.31	87.6	87.2	30.86	31.92	0	5.524	26.43	9.43	0	13.42
8/20/2013 22:00	35367	10.5	146.3	7.775	17.1	5.943	155.1	14.87	13.52	84.4	83.8	34.98	36.3	0	0.065	26.43	9.43	-0.006	13.33
8/20/2013 23:00	35368	8.09	142.4	7.603	11.74	4.477	150.7	15.11	8.16	81.7	80.7	38.7	40.45	0	0.047	26.44	9.43	0.001	13.33
8/21/2013 0:00	35369	7.358	150.1	7.153	11.74	3.653	156.8	14.49	8.16	79.56	78.33	42.19	43.89	0	0.041	26.44	9.43	-0.003	13.15
8/21/2013 1:00	35370	6.233	142.2	8.99	11.74	2.48	144.8	13.9	6.368	77.1	75.16	46.09	48.16	0	0.027	26.43	2.438	-6.987	13.24
8/21/2013 2:00	35371	7.293	133.5	14.65	11.74	3.186	132.1	19.65	8.16	75.38	73.55	48.72	50.3	0	0.019	26.42	2.933	0.495	13.35
8/21/2013 3:00	35372	9.38	135.5	7.821	15.31	5.217	143.1	17.11	11.74	74.74	73.81	47.16	47.57	0	0.026	26.42	2.714	-0.219	13.28
8/21/2013 4:00	35373	7.675	136.1	6.458	11.74	3.787	142.3	15.98	8.16	72.4	71.13	50.17	50.35	0	0.016	26.41	2.419	-0.295	13.58
8/21/2013 5:00	35374	7.321	135.2	7.674	9.95	3.455	139.1	16.32	6.368	70.44	69.01	53.24	53.06	0	0.012	26.4	2.695	0.276	12.84
8/21/2013 6:00	35375	7.209	143.3	6.889	9.95	3.669	149.8	14.48	6.368	69.88	68.51	53.7	53.27	0	0.008	26.4	2.743	0.048	13.38
8/21/2013 7:00	35376	8.49	146.3	8.06	11.74	4.518	154.3	16.13	8.16	69	67.88	54.94	53.8	0	0.017	26.41	2.705	-0.038	13.51
8/21/2013 8:00	35377	5.019	166.7	15.44	11.74	1.905	170	13.56	8.16	67.8	66.87	57.44	55.53	0	22.15	26.43	2.844	0.14	13.51
8/21/2013 9:00	35378	5.533	182.6	18.87	15.31	2.992	189	16.43	11.74	69.71	70.49	59.24	55.01	0	176.3	26.45	4.173	1.329	13.49
8/21/2013 10:00	35379	12.19	177.8	11.44	20.68	7.573	187.9	17.84	15.31	74.67	75.85	60.21	56.19	0	386.8	26.48	1.113	-3.06	13.53
8/21/2013 11:00	35380	12.2	185	14.86	22.47	7.886	193.5	19.36	15.31	79.94	81.3	46.63	45.06	0	587	26.52	1.48	0.367	12.82
8/21/2013 12:00	35381	12.18	199.8	16.54	22.47	8.27	206.7	17.94	18.89	83.9	85.4	34.44	33.91	0	769.7	26.55	1.163	-0.317	13.4
8/21/2013 13:00	35382	11.91	176.1	26.95	22.47	7.983	185.4	30.69	18.89	86.6	88.4	30.6	29.93	0	903	26.56	0.612	-0.552	13.45
8/21/2013 14:00	35383	9.61	146.3	30.99	20.68	6.492	155	38.71	17.1	89	90.9	28.14	27.74	0	972	26.56	1.014	0.402	13.25
8/21/2013 15:00	35384	9.94	143.8	29.03	20.68	6.692	153.2	35.66	15.31	90.9	93.1	25.24	24.72	0	978	26.56	-0.171	-1.185	13.98
8/21/2013 16:00	35385	10.65	139.4	29.09	22.47	7.069	149.4	34.29	18.89	91.7	94	22.42	21.73	0	936	26.54	0.301	0.472	13.36
8/21/2013 17:00	35386	10.65	121.8	29.49	20.68	7.147	129.8	38.54	17.1	91.8	94	21.71	21.17	0	789	26.52	0.71	0.409	13.48
8/21/2013 18:00	35387	9.64	131.1	33.68	18.89	6.421	138.5	41.04	13.52	91.6	93.1	21.03	20.68	0	562	26.5	1.49	0.78	13.56
8/21/2013 19:00	35388	9.2	126.3	34.16	17.1	6.046	132.6	40.22	15.31	90.7	91.6	21.76	21.76	0	370.5	26.48	1.54	0.051	13.45
8/21/2013 20:00	35389	9.7	123	15.51	15.31	5.838	132.5	24.05	11.74	88.8	89	23.36	23.67	0	128	26.46	1.908	0.368	13.5
8/21/2013 21:00	35390	8.1	122	8.21	13.52	4.432	130.9	17.51	9.95	85.2	84.2	27.37	28.48	0	7.775	26.46	2.403	0.494	13.38
8/21/2013 22:00	35391	8.04	119.9	9.69	15.31	4.109	130	19.92	9.95	81.5	79.9	30.59	32.14	0	0.039	26.45	2.479	0.076	13.39
8/21/2013 23:00	35392	10.29	141.7	9.36	15.31	5.719	150	17.56	11.74	79.98	79.02	34.82	35.81	0	0.039	26.47	2.134	-0.346	13.21
8/22/2013 0:00	35393	7.202	130.7	6.978	11.74	3.358	129.1	15.84	8.16	77.14	75.23	39.45	41.78	0	0.04	26.47	2.375	0.241	13.29
8/22/2013 1:00	35394	7.636	134.4	8.8	13.52	3.502	136.7	16.93	6.368	75.52	73.2	39.6	42.49	0	0.022	26.47	2.384	0.01	13.28
8/22/2013 2:00	35395	6.621	127.7	8.05	8.16	2.535	122.3	16.48	4.578	73.88	71.17	42.12	44.98	0	0.023	26.46	2.242	-0.143	13.47
8/22/2013 3:00	35396	7.009	119.1	10.6	9.95	2.992	115.5	18.01	6.368	72.57	69.92	45.05	47.4	0	0.015	26.45	2.502	0.26	13.46
8/22/2013 4:00	35397	5.451	119	14.67	9.95	2.139	109.8	17.84	6.368	71.03	69.16	49.1	49.78	0	0.018	26.44	2.384	-0.117	13.45
8/22/2013 5:00	35398	3.532	159.2	15.74	6.368	0.508	169.7	12.72	4.578	69.53	67.18	54.31	54.47	0	0.011	26.43	2.429	0.044	13.39
8/22/2013 6:00	35399	3.163	148.8	13.24	6.368	0.006	140.8	0.278	2.789	67.86	65.5	64.09	62.71	0	0.007	26.42	2.369	-0.06	13.4
8/22/2013 7:00	35400	2.73	145.7	11.08	4.578	0	0	0	0	67.94	65.66	70.98	69.13	0	0.009	26.42	2.372	0.003	13.52
8/22/2013 8:00	35401	4.49	118.3	10.8	8.16	0.956	113.7	10.76	4.578	67.31	65.72	75.77	72.23	0	23.88	26.44	2.721	0.349	13.4
8/22/2013 9:00	35402	5.128	160.4	24.33	9.95	2.963	174.9	23.56	8.16	71.14	72.35	72.06	65.77	0	192.2	26.47	4.04	1.319	13.56
8/22/2013 10:00	35403	7.736	160.9	15.13	11.74	5.063	170.3	20.9	9.95	75.41	76.98	64.17	59.54	0	406.4	26.5	3.608	-0.432	13.68
8/22/2013 11:00	35404	7.216	150.5	18.52	15.31	4.976	160.4	26.23	11.74	80.9	82.4	52.91	50.66	0	605.2	26.54	3.395	-0.213	13.48

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/22/2013 12:00	35405	9.14	135.4	22.83	17.1	6.231	142.7	31.95	15.31	84.4	86.2	43.17	42.5	0	788.2	26.57	0.764	-2.631	13.29
8/22/2013 13:00	35406	11.52	129.4	25.3	24.26	7.829	138.1	32.46	18.89	86.6	88.9	37.54	37.06	0	909	26.57	0.124	-0.64	13.43
8/22/2013 14:00	35407	13.32	142.8	19.31	27.84	8.75	155.1	24.07	22.47	88.2	91	34.32	33.24	0	974	26.56	-0.431	-0.555	13.3
8/22/2013 15:00	35408	12.92	145.9	24.15	24.26	8.45	157.1	28.64	17.1	89.2	91.6	32.45	31.62	0	856	26.54	-0.288	0.143	13.38
8/22/2013 16:00	35409	11.74	170.7	21.46	24.26	7.805	183.4	26.87	18.89	90.3	92.5	30.02	29.09	0	865	26.52	0.273	0.561	13.47
8/22/2013 17:00	35410	10.76	155.9	32.62	24.26	7.229	167.1	38.27	17.1	90.9	92.8	29.02	28.53	0	664.6	26.5	0.409	0.136	13.46
8/22/2013 18:00	35411	11.38	143.4	19.04	20.68	7.236	154.5	23.76	15.31	89.4	90.6	30.34	30.31	0	326.6	26.48	0.792	0.384	13.36
8/22/2013 19:00	35412	9.98	153.3	16.84	18.89	6.037	164.2	22.93	11.74	88.7	89.2	30.79	31.34	0	130.8	26.45	1.708	0.916	13.52
8/22/2013 20:00	35413	10.49	154.2	11.25	17.1	6.327	165.7	17.42	13.52	88	88.1	31.85	32.65	0	76.52	26.43	1.204	-0.504	13.46
8/22/2013 21:00	35414	9.34	161.5	12.92	17.1	5.3	172.6	18.38	11.74	85.5	85	34.85	36.04	0	8.81	26.44	1.984	0.78	13.41
8/22/2013 22:00	35415	5.029	191.3	18.99	9.95	1.96	199.6	24.34	6.368	81.7	80.4	40.75	42.66	0	0.062	26.44	2.095	0.111	13.4
8/22/2013 23:00	35416	6.973	155	8.09	13.52	3.305	158.4	19	9.95	81	79.46	39.85	42.36	0	0.041	26.45	2.571	0.476	13.2
8/23/2013 0:00	35417	7.642	160.1	8.05	11.74	4.251	169.3	14.73	8.16	81	80.3	38.94	40.24	0	0.083	26.46	2.603	0.032	13.29
8/23/2013 1:00	35418	10.35	160.1	8.87	17.1	5.947	169.8	15.53	11.74	79.99	79.5	41.27	42.08	0	0.1	26.47	1.344	-1.259	13.29
8/23/2013 2:00	35419	10.42	172.7	8.06	15.31	5.795	184.2	15.84	11.74	77.31	76.66	45.9	46.09	0	0.082	26.46	1.706	0.361	13.23
8/23/2013 3:00	35420	8.15	174.4	8.43	13.52	4.345	184.7	15.65	9.95	74.72	73.96	50.85	50.36	0	0.063	26.44	1.896	0.191	13.22
8/23/2013 4:00	35421	4.491	164.8	17.18	8.16	0.73	179.8	8.23	4.578	72.14	70.44	56.47	56.34	0	0.049	26.43	1.985	0.089	13.16
8/23/2013 5:00	35422	3.796	149.4	9.83	6.368	0.022	166.2	0.961	2.789	71.58	69.31	59.11	59.42	0	0.01	26.42	1.947	-0.038	13.2
8/23/2013 6:00	35423	4.91	97	30.3	8.16	1.587	63.78	9.11	4.578	71.37	69.25	62.11	61.91	0	0.01	26.41	2.324	0.377	13.3
8/23/2013 7:00	35424	6.095	63.4	7.52	9.95	2.849	63.63	14.19	6.368	70.64	68.92	63.9	62.81	0	0.026	26.41	1.966	-0.358	12.81
8/23/2013 8:00	35425	7.25	77.38	12.1	9.95	3.882	73.31	20.65	6.368	68.97	68.08	67.85	64.75	0	16.74	26.42	2.147	0.181	13.27
8/23/2013 9:00	35426	10.09	130.5	16.18	18.89	6.363	140.5	23.52	15.31	73.45	74.14	63.31	59.62	0	184.3	26.44	1.135	-1.011	13.27
8/23/2013 10:00	35427	14.46	162.6	13.01	22.47	8.76	174.1	18.27	17.1	78.35	79.65	55.92	53.08	0	398.3	26.47	0.843	-0.292	13.47
8/23/2013 11:00	35428	14.52	173.3	13.17	20.68	9.06	184.6	18.28	17.1	82	83.6	48.16	46.31	0	597.5	26.51	0.631	-0.212	13.24
8/23/2013 12:00	35429	12.6	181.9	14.49	22.47	8.34	193.2	19.23	17.1	84.9	86.7	41.85	40.85	0	776.1	26.53	0.532	-0.098	13.43
8/23/2013 13:00	35430	12.86	160.9	21.31	20.68	8.39	172.6	25.4	17.1	87.5	89.8	35.03	34.2	0	908	26.54	-0.383	-0.916	13.33
8/23/2013 14:00	35431	12.46	167.6	24.34	22.47	8.31	180.2	28.79	17.1	89.1	91.5	32.03	31.1	0	868	26.53	-0.257	0.127	13.42
8/23/2013 15:00	35432	12.98	154.3	20.67	27.84	8.28	167.3	25.81	22.47	89.5	91.5	30.9	30.31	0	603.5	26.51	-0.035	0.222	13.12
8/23/2013 16:00	35433	14.2	157.9	19.51	24.26	8.81	170.3	24.18	18.89	89.5	91.3	30.63	30.22	0	524.1	26.49	0.868	0.903	13.37
8/23/2013 17:00	35434	12.61	159.8	19.23	22.47	7.745	172.2	24.1	17.1	88.4	88.5	31.63	34.72	0	286.4	26.45	0.91	0.041	13.38
8/23/2013 18:00	35435	15.16	171.3	16.42	26.05	9.21	183.2	20.17	20.68	87.8	87.6	31.93	34.22	0	196.9	26.42	0.51	-0.399	13.29
8/23/2013 19:00	35436	16.83	210	13.86	27.84	11.03	218	15.21	22.47	86	86.2	37.39	38.46	0	161.3	26.42	0.748	0.238	13.5
8/23/2013 20:00	35437	13.82	211.8	9.95	22.47	9.14	219	12.61	18.89	83.8	83.7	42.08	42.99	0	77.13	26.42	1.61	0.862	13.54
8/23/2013 21:00	35438	13.3	158.7	75.47	27.84	8.32	166.9	79.39	20.68	80.3	80.2	49.7	49.21	0	11.22	26.44	1.449	-0.162	13.5
8/23/2013 22:00	35439	14.41	44.83	13.29	27.84	8.15	46.05	18.34	20.68	72.49	72.57	66.62	63.01	0	0.029	26.45	1.519	0.07	13.58
8/23/2013 23:00	35440	6.128	54.45	20.75	11.74	3.54	58.89	27.84	11.74	73.55	73.23	62.82	60.54	0	0.023	26.43	1.928	0.409	13.49
8/24/2013 0:00	35441	5.744	96.7	11.47	8.16	2.636	102.6	15.43	6.368	72.79	71.71	65.03	63.79	0	0.015	26.42	2.131	0.203	13.49
8/24/2013 1:00	35442	6.332	131.1	11.1	13.52	2.502	136.6	14.41	6.368	72.43	71.04	63.4	62.69	0	0.014	26.42	2.143	0.013	13.49
8/24/2013 2:00	35443	5.761	114.9	15.84	8.16	2.184	104.7	15.4	6.368	71.57	69.56	64.11	64.32	0	0.013	26.42	2.305	0.162	13.44
8/24/2013 3:00	35444	6.48	123.7	8.34	9.95	2.82	123.8	14.3	6.368	71.65	69.82	63.39	63.34	0	0.011	26.42	2.318	0.013	13.5
8/24/2013 4:00	35445	4.209	75.86	17.08	8.16	1.271	66.79	11.54	4.578	70.41	69.02	67.28	65.64	0	0.011	26.43	2.369	0.051	13.43
8/24/2013 5:00	35446	5.378	77.54	16.19	8.16	3.072	79.93	20.88	6.368	70.42	69.78	67.9	65.09	0	0.015	26.43	2.66	0.292	13.56
8/24/2013 6:00	35447	4.452	72.86	10.54	8.16	1.654	76.53	13.21	4.578	70.67	69.48	68.29	66.42	0	0.017	26.43	2.575	-0.086	13.44
8/24/2013 7:00	35448	6.061	94.4	9.65	8.16	2.945	95.5	16.38	6.368	69.11	67.81	74.25	71.8	0	0.021	26.44	2.353	-0.222	13.49
8/24/2013 8:00	35449	5.893	111.1	9.98	9.95	2.814	114.3	18.91	6.368	69.13	67.82	72.03	69.9	0	28.73	26.45	3.225	0.872	13.44

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/24/2013 9:00	35450	8.31	144	15.43	17.1	5.185	154.1	20.93	11.74	73.47	74.38	63.96	60.12	0	190	26.47	3.313	0.089	13.62
8/24/2013 10:00	35451	13.54	165.8	10.84	20.68	8.25	176.9	17.67	15.31	77.86	79.13	56.55	53.73	0	381.9	26.51	0.78	-2.534	13.52
8/24/2013 11:00	35452	14.26	177.9	13.26	24.26	8.94	189.1	18.15	17.1	81.1	82.7	49.41	47.38	0	598.1	26.54	0.162	-0.618	13.67
8/24/2013 12:00	35453	13.78	164.6	16.88	24.26	8.87	175.4	21.69	17.1	84.3	86.3	42.13	41.12	0	768.6	26.57	-0.345	-0.507	13.57
8/24/2013 13:00	35454	12.93	156	17.84	24.26	8.24	167	23.37	17.1	86.6	89.1	37.68	36.77	0	895	26.57	0.139	0.485	13.67
8/24/2013 14:00	35455	13.4	154.2	20.19	24.26	8.69	165.4	25.86	18.89	88.6	91.3	34.84	33.72	0	962	26.56	-0.431	-0.57	13.46
8/24/2013 15:00	35456	14.78	157.5	17.8	24.26	9.41	169.9	23.49	20.68	89.4	92.2	33.67	32.51	0	937	26.55	-0.523	-0.092	13.29
8/24/2013 16:00	35457	13.17	136.1	15.97	24.26	8.34	145.9	22.42	18.89	87.8	89.4	34.13	34	0	323.8	26.53	0.783	1.306	13.44
8/24/2013 17:00	35458	13.26	152.8	23.07	22.47	8.49	164.8	27.93	17.1	89.7	91.3	30.26	30.08	0	547.1	26.5	0.063	-0.719	12.95
8/24/2013 18:00	35459	14.38	166.2	45.3	36.78	8.69	179.6	47.08	26.05	83.2	82.9	44.25	48.5	0.08	115.9	26.49	0.193	0.13	13.65
8/24/2013 19:00	35460	12.61	172.7	21.64	27.84	7.482	184.4	24.82	18.89	82	80.7	47.43	52.61	0	128.6	26.44	1.506	1.313	13.69
8/24/2013 20:00	35461	9.45	146.3	7.995	15.31	5.377	157.8	14.04	11.74	84	83.2	40.73	44.93	0	63.69	26.44	2.317	0.811	13.61
8/24/2013 21:00	35462	6.453	123.6	12.52	9.95	2.574	128	18.46	6.368	82.6	80.1	41.64	49.33	0	5.058	26.45	1.946	-0.371	13.59
8/24/2013 22:00	35463	4.557	115.7	19.64	8.16	1.147	108	21.55	4.578	79.38	75.84	46.5	55.87	0	0.042	26.46	1.947	0	13.59
8/24/2013 23:00	35464	6.921	116	9.38	13.52	3.159	112.8	17.95	9.95	78.89	75.77	45.54	53	0	0.044	26.48	2.407	0.46	13.43
8/25/2013 0:00	35465	8.42	126.2	8.93	13.52	4.396	132.4	17.19	9.95	77.88	75.85	48.22	52.29	0	0.033	26.49	3.196	0.79	13.49
8/25/2013 1:00	35466	9.52	134.5	7.024	22.47	5.103	144	15.19	15.31	78.23	76.77	48.67	51.3	0	0.067	26.5	2.974	-0.222	13.46
8/25/2013 2:00	35467	7.315	128.4	7.961	9.95	3.309	131.6	15.63	6.368	75.4	73.33	55.4	58.38	0	0.03	26.5	2.606	-0.368	13.47
8/25/2013 3:00	35468	7.122	131.5	9.09	11.74	3.166	133.7	16.89	6.368	73.77	71.8	60.26	62.37	0	0.026	26.49	2.511	-0.095	13.51
8/25/2013 4:00	35469	6.775	112.7	5.62	8.16	2.991	109.6	13.87	4.578	72.15	70.03	63.45	65.46	0	0.017	26.48	2.53	0.019	13.64
8/25/2013 5:00	35470	6.396	106.9	7.833	9.95	2.681	99.3	16.08	6.368	71.34	68.74	64.85	67.34	0	0.019	26.47	2.562	0.032	13.54
8/25/2013 6:00	35471	6.608	109.8	8.13	9.95	3.288	111.5	15.4	6.368	71.05	69.38	66.12	66.44	0	0.013	26.48	2.705	0.143	13.57
8/25/2013 7:00	35472	6.638	106.7	10.68	9.95	3.17	108.2	18.19	6.368	70.68	69.08	67.28	67.22	0	0.025	26.49	2.676	-0.029	13.55
8/25/2013 8:00	35473	7.143	86.9	6.937	9.95	3.5	89.8	18.04	6.368	69.57	68.27	70.24	69.07	0	19.35	26.51	2.933	0.257	13.7
8/25/2013 9:00	35474	8.45	121.9	19.62	15.31	5.122	129.8	27.26	11.74	73.08	73.65	64.35	61.7	0	171	26.53	2.514	-0.419	12.87
8/25/2013 10:00	35475	9.87	155.5	16.62	15.31	6.188	165.8	21.24	13.52	77.52	78.62	57.06	55.18	0	379.7	26.56	1.195	-1.319	13.66
8/25/2013 11:00	35476	9.39	190.3	16.83	15.31	6.34	198.4	20.43	11.74	81.8	82.9	49.87	49.11	0	582	26.61	1.556	0.361	13.81
8/25/2013 12:00	35477	8.18	197	21.89	18.89	5.773	208.1	23.35	13.52	85.1	86.2	43.6	43.75	0	699.9	26.63	1.261	-0.295	13.53
8/25/2013 13:00	35478	8.29	151.2	28.75	18.89	5.803	163.4	35.25	15.31	87.5	89	38.32	38.9	0	851	26.63	0.868	-0.393	13.52
8/25/2013 14:00	35479	9.62	150.6	27.96	20.68	6.509	161.1	34.73	17.1	89.5	91.4	33.75	33.91	0	840	26.62	0.371	-0.498	13.04
8/25/2013 15:00	35480	11.03	123.9	28.26	20.68	7.44	135	35.03	17.1	90.4	92.5	31.34	31.4	0	757.7	26.61	0.254	-0.117	13.11
8/25/2013 16:00	35481	11.96	133.1	21.12	22.47	7.953	143.6	26.78	17.1	90.4	92.1	30.87	31.1	0	584.7	26.59	0.602	0.349	13.21
8/25/2013 17:00	35482	11.93	122.1	15.24	22.47	7.795	131.9	22.07	15.31	88.9	89.9	32.89	33.59	0	276.5	26.57	1.122	0.52	13.19
8/25/2013 18:00	35483	12.76	138.6	21.11	22.47	8.01	151.2	25.25	17.1	90.9	92.4	29.72	29.96	0	539	26.55	-0.561	-1.683	13.09
8/25/2013 19:00	35484	15.12	121.6	15.99	26.05	9.8	131	22.1	22.47	90.4	91.5	30.93	31.37	0	378.3	26.54	0.39	0.951	13.17
8/25/2013 20:00	35485	14.17	117.1	11.16	22.47	8.94	128	18.15	17.1	88.6	88.8	31.45	32.41	0	132.8	26.53	0.688	0.298	13.13
8/25/2013 21:00	35486	10.84	119.9	8.31	22.47	6.423	130.4	16.01	17.1	85.5	84.9	36.64	38.32	0	6.06	26.52	2.019	1.331	13.18
8/25/2013 22:00	35487	7.151	110.5	6.686	11.74	3.863	118.7	15.16	8.16	82.6	81.3	39.96	42.55	0	0.045	26.52	2.508	0.488	13.02
8/25/2013 23:00	35488	8.21	111.3	11.43	13.52	4.794	118.9	18.99	8.16	80.7	79.66	42.07	43.86	0	0.053	26.54	2.549	0.041	13.5
8/26/2013 0:00	35489	7.995	103.8	12.49	15.31	4.632	109.9	19.22	9.95	78.6	77.5	45.72	46.93	0	0.053	26.55	2.498	-0.051	13.5
8/26/2013 1:00	35490	9.39	115.9	7.593	31.42	5.541	123.7	15.8	15.31	77.76	76.88	47.98	48.59	0	0.055	26.55	2.314	-0.184	13.48
8/26/2013 2:00	35491	7.549	99.3	10.65	11.74	4.445	103.7	18.13	8.16	75.17	74.2	52.23	52.25	0	0.046	26.54	2.397	0.083	12.91
8/26/2013 3:00	35492	8.86	111.9	8.75	15.31	5.206	118.4	17.57	9.95	74.57	73.61	54.18	53.86	0	0.03	26.53	2.34	-0.057	12.89
8/26/2013 4:00	35493	8.65	112.2	8.15	13.52	5.175	120.4	17.05	9.95	73.35	72.55	57.98	56.81	0	0.029	26.52	2.394	0.054	13.63
8/26/2013 5:00	35494	7.795	106	8.79	11.74	4.825	111.8	16.8	8.16	72.13	71.31	61.47	59.77	0	0.019	26.52	2.419	0.025	12.82

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/26/2013 6:00	35495	8.89	108.2	8.31	13.52	5.631	115.6	16.34	11.74	71.21	70.56	64.9	62.35	0	0.022	26.51	2.27	-0.149	13.41
8/26/2013 7:00	35496	8.97	107	8.66	15.31	5.79	114.4	16.99	11.74	70.45	69.93	68.81	65.48	0	0.016	26.52	2.264	-0.006	13.55
8/26/2013 8:00	35497	7.734	106.5	9.25	11.74	4.969	113.8	17.79	9.95	69.48	68.98	72.79	68.75	0	18.53	26.53	2.464	0.2	13.42
8/26/2013 9:00	35498	8.8	119.9	14.54	17.1	5.711	128.8	21.8	11.74	72	72.89	69.97	65.02	0	174.6	26.54	1.763	-0.701	12.99
8/26/2013 10:00	35499	12.02	140.5	12.68	18.89	7.492	151.9	19.71	15.31	75.76	77.06	62.97	59.01	0	350.5	26.57	1.227	-0.536	12.98
8/26/2013 11:00	35500	12.04	150.4	15.53	18.89	7.633	162	21.29	13.52	79.5	81.2	55.45	52.27	0	587.6	26.61	0.796	-0.431	13.02
8/26/2013 12:00	35501	10.31	139.8	19.16	20.68	6.802	150	25.2	15.31	81.3	83.4	51.73	48.97	0	640.1	26.63	1.204	0.409	13
8/26/2013 13:00	35502	10.71	134.4	23.3	22.47	7.255	144.9	30.12	17.1	83.8	85.8	44.77	43.47	0	782.7	26.63	0.323	-0.881	13.25
8/26/2013 14:00	35503	12.33	122.7	20.2	22.47	8.3	131.5	28.35	17.1	85.5	88	38.26	37.51	0	840	26.62	-0.032	-0.355	13.02
8/26/2013 15:00	35504	12.44	110.1	23.42	24.26	8.45	117.5	30.69	20.68	86.4	88.5	36.23	35.82	0	705.8	26.61	0.463	0.494	12.95
8/26/2013 16:00	35505	12.86	112.5	16.96	22.47	8.92	121.9	23.81	17.1	87.2	89.2	34.85	34.52	0	709.9	26.58	0.678	0.216	13.08
8/26/2013 17:00	35506	11.7	120.6	17.53	26.05	7.825	128.6	24.67	18.89	88.1	89.8	33.61	33.39	0	534.9	26.56	0.932	0.253	13.14
8/26/2013 18:00	35507	11.72	119.3	14.9	20.68	7.782	127	22.03	17.1	87.7	88.9	33.21	33.41	0	359.6	26.55	0.849	-0.082	12.99
8/26/2013 19:00	35508	11.65	106	16.69	22.47	7.764	113	24.13	17.1	87.2	87.8	33.58	34.19	0	200.7	26.53	1.227	0.377	13.14
8/26/2013 20:00	35509	12.52	100.8	14.61	22.47	8.2	107.7	22.19	17.1	86.3	86.5	34.88	35.77	0	117.3	26.52	1.449	0.222	13.09
8/26/2013 21:00	35510	11.01	102	9.48	18.89	7.402	110	17.53	15.31	84	83.6	37.17	38.44	0	5.049	26.51	1.794	0.345	13.13
8/26/2013 22:00	35511	9.53	98.7	8.2	15.31	6.315	104.2	17.1	11.74	81.4	80.8	41.89	43	0	0.049	26.5	1.905	0.111	13.05
8/26/2013 23:00	35512	7.812	99.5	7.978	13.52	4.906	105.8	16.64	8.16	79.02	78.17	45.94	46.68	0	0.055	26.5	2.311	0.406	13.03
8/27/2013 0:00	35513	8.76	112.6	8.97	13.52	5.329	119.4	17.04	9.95	77.37	76.58	50.64	50.61	0	0.045	26.5	2.356	0.045	13.05
8/27/2013 1:00	35514	10.57	128.7	8.87	22.47	6.214	136	16.45	15.31	76.34	75.7	55.15	54.4	0	0.039	26.5	2.219	-0.136	13
8/27/2013 2:00	35515	8.09	125	7.656	11.74	4.556	131.3	15.38	8.16	74.42	73.6	59.94	58.71	0	0.026	26.49	2.492	0.273	13.04
8/27/2013 3:00	35516	6.88	115.4	7.651	9.95	3.657	118.9	15.54	6.368	72.01	70.94	64.93	63.15	0	0.017	26.47	2.476	-0.016	12.92
8/27/2013 4:00	35517	6.675	103	9.23	9.95	3.851	106.7	16.3	6.368	70.96	70	67.15	64.81	0	0.012	26.46	2.518	0.041	12.65
8/27/2013 5:00	35518	6.992	88.5	7.24	9.95	3.561	91.9	17.62	6.368	69.5	68.37	70.08	67.42	0	0.009	26.45	2.476	-0.041	13.03
8/27/2013 6:00	35519	8.04	87	7.642	11.74	4.484	94.6	17.83	9.95	67.96	67.28	73.14	69.13	0	0.007	26.44	2.264	-0.212	13.06
8/27/2013 7:00	35520	6.796	107.9	12.12	9.95	3.773	112.9	20.26	8.16	66.91	66.01	75.9	71.67	0	0.005	26.45	2.635	0.371	12.6
8/27/2013 8:00	35521	5.093	106.2	13.66	8.16	2.523	105.8	19.67	4.578	66.91	66.21	76.98	72.4	0	28.14	26.46	2.793	0.159	12.94
8/27/2013 9:00	35522	6.016	150.1	23.57	9.95	3.773	162.5	27.75	8.16	70.61	71.73	74.44	67.79	0	164.2	26.48	3.802	1.008	12.75
8/27/2013 10:00	35523	7.204	187.9	15.91	11.74	5.031	199.7	19.37	9.95	74.36	75.61	73.13	66.96	0	370.5	26.52	2.774	-1.028	12.93
8/27/2013 11:00	35524	7.289	201.9	17.33	13.52	5.308	212.3	19.55	11.74	77.11	77.99	66.79	62.31	0	482.4	26.55	1.937	-0.837	13.13
8/27/2013 12:00	35525	8.08	161.9	38.87	15.31	5.667	173.6	43.08	11.74	78.81	80.2	58.38	55.24	0	479.4	26.56	1.756	-0.181	13.09
8/27/2013 13:00	35526	9.4	147.8	24.35	18.89	6.409	158	30.09	15.31	83	85	47.56	45.61	0	839	26.56	0.998	-0.758	12.99
8/27/2013 14:00	35527	10.28	144.2	25.19	18.89	7.017	153.8	32.31	15.31	84.6	86.8	42	40.71	0	842	26.56	1.03	0.032	12.99
8/27/2013 15:00	35528	10.06	136.8	22.9	18.89	6.973	145.4	29.2	15.31	86.8	89.1	36.65	35.98	0	925	26.55	0.393	-0.637	12.95
8/27/2013 16:00	35529	10.02	151.1	26.45	18.89	6.981	161.8	31.4	15.31	88.5	90.7	33.77	33.07	0	873	26.53	0.849	0.456	13.29
8/27/2013 17:00	35530	8.38	134	26.93	17.1	5.765	141.7	33.36	13.52	87.9	89.2	32.14	32.2	0	389.7	26.51	1.737	0.887	13.18
8/27/2013 18:00	35531	9.43	118.8	24.89	20.68	6.567	125.2	31.16	15.31	88.6	89.9	31.15	31.23	0	456.1	26.49	1.173	-0.564	13.29
8/27/2013 19:00	35532	10.04	118.2	22.82	17.1	6.817	127.6	28.12	11.74	87.1	88	32.17	32.49	0	240.1	26.48	1.762	0.59	13.25
8/27/2013 20:00	35533	9.86	120.9	11.72	15.31	6.163	129.9	18.44	11.74	85.7	85.8	32.74	33.51	0	78.93	26.46	1.823	0.06	13.2
8/27/2013 21:00	35534	8.51	127.3	7.717	13.52	4.868	135.6	15.63	9.95	83.3	82.8	36.52	37.8	0	5.7	26.45	2.377	0.555	13.12
8/27/2013 22:00	35535	11.78	152.6	19.64	20.68	6.707	161.3	24.76	15.31	80.4	79.91	47.05	47.21	0	0.064	26.45	1.734	-0.643	13.03
8/27/2013 23:00	35536	10.19	165	8.54	18.89	5.844	173.5	15.42	11.74	77.89	77.44	55.69	54.8	0	0.049	26.46	2.216	0.482	13.08
8/28/2013 0:00	35537	8.33	162.5	7.801	13.52	4.602	170	14.14	9.95	75.95	75.39	63.56	61.7	0	0.04	26.46	2.375	0.159	12.99
8/28/2013 1:00	35538	12.03	167.8	8.93	22.47	6.937	176.9	15.75	15.31	74.41	74.02	68.76	65.99	0	0.027	26.46	1.883	-0.491	13.14
8/28/2013 2:00	35539	11.34	167.6	8.78	17.1	6.547	176.4	15.79	13.52	72.22	71.83	70	66.71	0	0.014	26.45	1.982	0.098	13.14

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/28/2013 3:00	35540	7.474	161.3	11.81	15.31	3.712	171.3	16.78	11.74	70.61	70.02	74.61	70.68	0	0.014	26.44	2.327	0.346	12.98
8/28/2013 4:00	35541	5.357	116.4	13.89	8.16	2.096	116.8	19.77	4.578	69.06	67.83	78.51	74.8	0	0.006	26.42	2.451	0.124	12.94
8/28/2013 5:00	35542	4.629	111.9	14.03	8.16	1.768	102.8	16.85	4.578	68.13	66.94	80.6	76.64	0	0.003	26.41	2.375	-0.076	13.07
8/28/2013 6:00	35543	6.747	148	14.56	11.74	3.391	158.2	17.89	8.16	67.51	66.58	81.8	77.35	0	0.003	26.42	2.35	-0.025	12.98
8/28/2013 7:00	35544	5.988	150.2	11.03	11.74	2.728	160.1	14.14	8.16	67.08	66.32	83.9	78.77	0	0.01	26.43	2.34	-0.01	12.92
8/28/2013 8:00	35545	4.679	121.7	10.67	8.16	1.349	111.9	11.02	4.578	65.83	64.69	85.9	81	0	16.56	26.44	2.724	0.384	12.96
8/28/2013 9:00	35546	6.508	142.5	16.28	13.52	3.951	152.3	22.28	9.95	68.59	69.32	81.7	74.77	0	166.6	26.46	4.119	1.395	13.16
8/28/2013 10:00	35547	11.83	162.9	11.5	18.89	7.446	173.5	17.21	15.31	71.51	72.74	77.52	70.58	0	320	26.49	1.294	-2.825	12.26
8/28/2013 11:00	35548	12.13	172.6	15.82	20.68	7.695	184	20.86	15.31	75.36	77.02	68.73	63.04	0	586.7	26.52	1.281	-0.013	12.26
8/28/2013 12:00	35549	12.39	175.6	17.24	20.68	7.966	186.5	21.84	15.31	78.39	80.2	60.64	56.3	0	571.2	26.55	1.468	0.187	13.03
8/28/2013 13:00	35550	11.82	171.4	17.46	22.47	7.555	182.4	21.59	18.89	81.2	83	52.63	49.71	0	630.9	26.55	0.846	-0.621	13.07
8/28/2013 14:00	35551	11.47	172.9	21.55	22.47	7.595	183.9	25.9	18.89	83.1	85	47.61	45.54	0	707.7	26.55	0.494	-0.352	12.9
8/28/2013 15:00	35552	10.37	163.7	23.72	29.63	6.85	174.8	29.32	24.26	85	86.7	42.52	41.68	0	548.3	26.54	0.691	0.196	13.15
8/28/2013 16:00	35553	12.48	159.2	19.77	24.26	8.04	169.3	26.15	17.1	86.6	88.7	38.83	38.09	0	653.7	26.52	0.025	-0.666	13.23
8/28/2013 17:00	35554	13.05	168.9	21.44	20.68	8.3	180.5	25.16	17.1	86.6	88.3	38.76	38.38	0	448.6	26.52	0.323	0.298	13.19
8/28/2013 18:00	35555	11.66	165.7	16.39	20.68	7.374	176.1	21.48	17.1	85.6	86.5	39.96	40.28	0	195.2	26.5	1.036	0.713	13.2
8/28/2013 19:00	35556	10.92	158.6	13.03	18.89	6.764	169.8	19.03	15.31	86.1	86.7	39.16	39.95	0	169.5	26.48	0.878	-0.158	13.25
8/28/2013 20:00	35557	11.39	152.5	11.5	18.89	6.797	163.6	17.76	13.52	85.7	85.9	39.36	40.46	0	99.6	26.48	1.268	0.39	13.25
8/28/2013 21:00	35558	10.53	150	8.1	17.1	6.06	160.4	15.47	11.74	83.5	83	41.33	42.75	0	3.44	26.48	1.759	0.491	13.2
8/28/2013 22:00	35559	10.33	143.2	8.29	17.1	5.891	152	15.34	11.74	81.2	80.6	42.4	43.67	0	0.064	26.48	1.563	-0.196	13.32
8/28/2013 23:00	35560	9.71	143.3	8.52	17.1	5.639	152.2	16.09	11.74	79.24	78.65	43.96	44.73	0	0.054	26.5	2.118	0.555	13.05
8/29/2013 0:00	35561	7.766	135.9	8.12	11.74	4.217	143.3	15.89	8.16	76.85	76.04	45.28	46.03	0	0.036	26.5	2.327	0.209	12.8
8/29/2013 1:00	35562	7.94	141.7	8.34	13.52	4.302	148.6	15.76	9.95	75.01	74.12	47.04	47.32	0	0.023	26.5	2.337	0.01	12.88
8/29/2013 2:00	35563	5.501	130.8	9.83	8.16	2.135	122.9	16.53	4.578	73.01	71.29	51.87	52.46	0	0.017	26.49	2.381	0.044	13.1
8/29/2013 3:00	35564	5.763	129.9	6.469	8.16	2.294	123.7	12.46	4.578	71.68	69.79	55.64	55.95	0	0.007	26.47	2.403	0.022	13.15
8/29/2013 4:00	35565	6.646	128.7	7.453	8.16	2.961	126.3	14.37	4.578	70.44	68.6	58.77	58.51	0	0.006	26.46	2.467	0.063	12.93
8/29/2013 5:00	35566	6.379	126.6	7.099	9.95	3.02	125.2	14.26	6.368	69.25	67.8	62.4	60.99	0	0.006	26.45	2.34	-0.127	13.1
8/29/2013 6:00	35567	6.114	133.5	7.053	8.16	2.617	132.1	13.62	4.578	68.24	66.74	65.41	63.61	0	0.005	26.45	2.343	0.003	13.1
8/29/2013 7:00	35568	4	122.3	12.32	6.368	0.977	95.6	13.78	4.578	67.29	65.54	68.37	66.5	0	0.005	26.45	2.267	-0.076	12.9
8/29/2013 8:00	35569	4.898	131.7	10.47	8.16	1.236	109.8	16.36	4.578	67.22	65.16	69.14	67.76	0	17.46	26.45	2.698	0.431	13.16
8/29/2013 9:00	35570	8.63	158.2	12.27	18.89	5.048	167.7	18.82	13.52	71.57	72.36	61.86	57.96	0	175.9	26.48	3.447	0.748	12.99
8/29/2013 10:00	35571	13.17	177.9	11.12	18.89	8.15	188.1	16.93	15.31	76.96	78.05	51.52	49.38	0	386.6	26.52	0.973	-2.473	12.9
8/29/2013 11:00	35572	11.94	190.5	13.02	18.89	7.949	200.2	17.19	15.31	80.7	82.1	45.41	44	0	588.8	26.56	1.398	0.425	12.99
8/29/2013 12:00	35573	10.9	199.4	15.35	18.89	7.677	207.4	18.57	17.1	84.2	85.7	40.15	39.54	0	748.7	26.59	1.204	-0.193	13.01
8/29/2013 13:00	35574	9.08	199.9	27.41	15.31	6.526	208.2	29.06	13.52	87.7	89.1	37.08	36.82	0	852	26.59	1.03	-0.174	13.03
8/29/2013 14:00	35575	7.587	217.3	39.47	17.1	5.658	222.8	41.98	13.52	90.4	91.4	34.14	34.29	0	889	26.59	0.948	-0.082	13.06
8/29/2013 15:00	35576	8.49	193	28.44	17.1	6.218	203.3	31.57	13.52	91.9	93.3	29.92	29.88	0	829	26.57	1.049	0.101	13.01
8/29/2013 16:00	35577	8.07	211.7	40.37	18.89	5.98	219.5	43.61	18.89	94.4	95.7	25.43	25.42	0	871	26.55	1.185	0.136	13.03
8/29/2013 17:00	35578	8.32	195.3	51.17	22.47	6.058	201.7	48.71	17.1	93.5	94.6	24.31	24.42	0	532.8	26.53	1.366	0.181	13.02
8/29/2013 18:00	35579	6.702	194.5	45.41	13.52	4.767	203.3	42.67	11.74	93.9	94.7	23.34	23.56	0	401.5	26.51	1.537	0.171	13.15
8/29/2013 19:00	35580	5.917	144.4	32.67	13.52	3.953	154.8	36.18	11.74	93.1	93.5	25.33	26.14	0	250.7	26.5	1.582	0.044	13.36
8/29/2013 20:00	35581	8.85	142.1	15.92	15.31	5.507	152.5	20.98	11.74	91.5	91.7	25.48	26.21	0	120.8	26.5	1.899	0.317	13.23
8/29/2013 21:00	35582	7.801	142	7.665	13.52	4.106	150.6	14.45	9.95	88	87	27.02	28.44	0	3.305	26.49	2.219	0.32	13.23
8/29/2013 22:00	35583	7.25	130.2	6.105	9.95	3.273	131	13.3	6.368	84.1	82.2	30.47	32.72	0	0.056	26.48	2.2	-0.019	13.25
8/29/2013 23:00	35584	7.774	139.4	6.215	9.95	3.777	144.7	14.24	6.368	81.5	79.88	33.32	35.06	0	0.045	26.48	2.035	-0.165	12.71

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/30/2013 0:00	35585	6.343	152.3	9.2	11.74	2.211	155.8	11.69	6.368	78.8	76.99	38.85	40.97	0	0.043	26.48	1.889	-0.146	13.32
8/30/2013 1:00	35586	5.759	169.7	8.01	8.16	1.313	180.3	9.9	4.578	76.56	73.98	43.33	45.97	0	0.022	26.47	2.039	0.149	13.43
8/30/2013 2:00	35587	4.879	180	7.082	8.16	0.406	186	4.409	2.789	75.05	72.61	48.74	50.56	0	0.016	26.46	2.042	0.003	13.54
8/30/2013 3:00	35588	4.574	190.6	8.47	6.368	0.26	175.3	3.02	2.789	73.86	71.14	51.68	53.69	0	0.01	26.46	2.147	0.105	13.36
8/30/2013 4:00	35589	3.589	206	9.55	6.368	0.002	193.3	0.944	2.789	73.01	69.7	53.09	56.17	0	0.01	26.45	2.137	-0.01	12.25
8/30/2013 5:00	35590	5.072	188.5	6.588	8.16	0.352	178.2	5.928	2.789	71.75	68.86	55.29	57.11	0	0.007	26.44	2.058	-0.079	13.44
8/30/2013 6:00	35591	5.547	177	6.575	8.16	0.839	163.7	7.074	4.578	70.26	67.5	58.38	59.44	0	0.005	26.43	2.118	0.06	13.29
8/30/2013 7:00	35592	4.139	168.5	8.57	6.368	0.07	152.8	1.579	2.789	69.48	66.69	60.34	61.33	0	0.003	26.43	1.94	-0.178	12.83
8/30/2013 8:00	35593	3.881	156.7	8.09	6.368	0.119	125.2	1.458	2.789	69.27	66.69	61.16	61.84	0	15.79	26.44	2.324	0.384	13.42
8/30/2013 9:00	35594	5.277	175.7	20.35	9.95	2.712	193.7	17.55	8.16	73.12	73.81	55.24	52.64	0	174.8	26.46	3.279	0.954	13.54
8/30/2013 10:00	35595	10.47	189.8	11.42	17.1	6.896	199.7	15.87	13.52	79.2	80.2	45.23	44.22	0	387.5	26.51	2.602	-0.676	13.45
8/30/2013 11:00	35596	12.81	186.3	12.86	20.68	8.33	195.8	17.63	15.31	83	84.4	38.46	38.04	0	585.4	26.55	0.26	-2.343	13.55
8/30/2013 12:00	35597	12.24	176.7	15.85	20.68	8.08	186.7	20.79	15.31	86.2	88.1	34.07	33.33	0	765.6	26.56	0.954	0.694	13.29
8/30/2013 13:00	35598	11.52	162.9	22.73	20.68	7.59	173.2	27.07	17.1	89.3	91.5	30.04	29.29	0	890	26.56	0.475	-0.479	13.29
8/30/2013 14:00	35599	8.24	135.5	43.43	22.47	5.901	144.8	48.33	17.1	92.6	94.4	25.87	25.82	0	950	26.55	1.401	0.925	13.2
8/30/2013 15:00	35600	7.615	138.6	49.09	18.89	5.489	144	57.77	13.52	94.7	96.1	23.45	23.72	0	944	26.54	0.849	-0.551	13.36
8/30/2013 16:00	35601	8.8	153.5	46.25	20.68	6.08	162.8	49.45	15.31	95.1	96.9	22.08	21.82	0	874	26.52	1.375	0.526	13.28
8/30/2013 17:00	35602	9.02	160.1	30.12	22.47	6.173	170.5	34.9	17.1	95.7	97.3	20.61	20.31	0	741.3	26.49	1.651	0.276	13.23
8/30/2013 18:00	35603	9.92	154.9	32.29	22.47	6.598	168.9	34.62	15.31	95.9	97.3	17.7	17.29	0	564.5	26.47	1.439	-0.212	13.23
8/30/2013 19:00	35604	9.03	138.3	28.69	17.1	5.954	150.6	35.01	13.52	95.2	96	16.58	16.33	0	355.3	26.46	1.629	0.19	13.23
8/30/2013 20:00	35605	7.742	156.8	19.05	15.31	4.738	168.9	22.44	9.95	93.7	93.7	16.18	16.24	0	135.1	26.45	1.905	0.276	13.31
8/30/2013 21:00	35606	7.37	137	8.19	9.95	3.233	142.5	16.44	6.368	88.6	86.6	19.72	20.85	0	5.064	26.43	1.93	0.025	12.92
8/30/2013 22:00	35607	6.87	143.5	21.01	9.95	2.572	139	27.75	6.368	83.9	80.6	25.01	27.35	0	0.034	26.42	1.921	-0.009	13.17
8/30/2013 23:00	35608	7.946	138.5	7.483	11.74	3.483	139.1	18.33	6.368	81.8	78.86	28.07	30.28	0	0.024	26.41	2.023	0.102	13.19
8/31/2013 0:00	35609	7.509	149.7	6.324	9.95	2.977	152.8	14.23	6.368	79.3	76.83	31.6	33.58	0	0.028	26.4	2.099	0.076	13.28
8/31/2013 1:00	35610	8.07	165	8.02	18.89	3.817	173.2	15.14	8.16	77.64	76.07	36.58	37.97	0	0.017	26.39	2.286	0.187	12.24
8/31/2013 2:00	35611	6.827	180	7.754	11.74	3.17	192.5	13.15	6.368	75.69	74.1	42.93	44.15	0	0.012	26.39	2.346	0.06	12.26
8/31/2013 3:00	35612	6.86	185.9	8.86	9.95	3.26	193.6	13.09	8.16	75.41	73.88	45.73	46.81	0	0.009	26.38	2.318	-0.029	12.2
8/31/2013 4:00	35613	3.23	244.1	22.14	6.368	0.236	235.1	6.357	2.789	72.84	70.49	48.44	50.58	0	0.003	26.37	2.169	-0.149	12.35
8/31/2013 5:00	35614	1.141	253.9	20.22	4.578	0.071	338.3	0.723	2.789	71.24	68.65	51.82	53.28	0	0.001	26.36	2.204	0.035	12.21
8/31/2013 6:00	35615	1.259	205.6	14.12	4.578	0.017	324.2	0.37	2.789	70.86	67.49	53.42	55.87	0	0.002	26.35	2.105	-0.098	12.25
8/31/2013 7:00	35616	3.125	295.5	18.12	6.368	0.733	322.7	2.53	4.578	70.65	67.13	54.65	57.06	0	0.001	26.35	2.074	-0.032	12.24
8/31/2013 8:00	35617	1.368	318.4	3.638	6.368	0.635	84.1	27.21	2.789	71.04	66.56	55.47	58.1	0	15.88	26.35	2.413	0.339	12.21
8/31/2013 9:00	35618	3.878	152.5	22	15.31	2.077	172.6	26.06	11.74	75.04	74.81	50.03	50.1	0	174.5	26.37	3.916	1.503	12.29
8/31/2013 10:00	35619	11.88	178.4	9.54	17.1	7.359	189.6	16.11	13.52	81.3	82.3	41.88	41.45	0	391.2	26.42	1.414	-2.502	12.24
8/31/2013 11:00	35620	12.6	180.4	11.23	18.89	8.1	192.8	16.79	13.52	85.5	87	35.9	35.61	0	592.3	26.46	0.732	-0.682	12.57
8/31/2013 12:00	35621	12.78	171.3	16.23	24.26	8.21	183	20.73	18.89	88.8	90.7	30.48	29.89	0	773.1	26.48	0.713	-0.019	12.24
8/31/2013 13:00	35622	12.82	155.1	18.24	24.26	8.18	166.5	23.22	18.89	91.4	93.7	25.9	25.17	0	899	26.48	0.051	-0.662	13.08
8/31/2013 14:00	35623	10.96	150.8	28.35	22.47	7.288	164.9	37.51	15.31	93.3	95.6	22.84	22.1	0	955	26.47	0.092	0.041	12.32
8/31/2013 15:00	35624	10.97	157.5	27.06	24.26	7.443	170.4	31.89	18.89	94.6	96.7	20.98	20.32	0	948	26.46	0.374	0.282	13.1
8/31/2013 16:00	35625	9.65	161.4	32.28	20.68	6.56	172.4	37.65	15.31	95.8	97.9	19.91	19.3	0	876	26.44	0.193	-0.181	13.14
8/31/2013 17:00	35626	8.4	170.3	44	18.89	5.897	184.8	49.22	15.31	96.9	98.3	19.01	18.74	0	740.6	26.41	1.242	1.049	13.2
8/31/2013 18:00	35627	8.86	174.5	37.71	20.68	6.133	184.2	39.32	15.31	96.4	97.5	18.28	17.96	0	558.4	26.4	1.182	-0.06	13.16
8/31/2013 19:00	35628	8.2	148.8	30.72	18.89	5.433	160.8	36.12	13.52	95.8	96.4	18.63	18.61	0	347.2	26.38	1.892	0.71	13.1
8/31/2013 20:00	35629	8.08	148	19.88	15.31	4.945	159.5	24.66	11.74	94.3	94.3	19.63	20.04	0	130.1	26.37	1.838	-0.054	13.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
8/31/2013 21:00	35630	7.464	127.4	16.1	11.74	3.564	136.5	20.9	9.95	89.7	87.9	23.32	24.86	0	4.39	26.36	2.295	0.456	13.13
8/31/2013 22:00	35631	8.35	121.1	8.03	11.74	4.315	131	15.17	8.16	85.8	84.2	27.48	28.91	0	0.037	26.36	2.159	-0.136	13.17
8/31/2013 23:00	35632	7.702	131.3	5.978	9.95	3.402	135.8	13.34	6.368	83.2	81.2	30.98	32.92	0	0.028	26.36	2.368	0.209	13.06
9/1/2013 0:00	35633	8.08	142.4	8.7	11.74	3.953	149.4	15.22	8.16	81.5	79.75	33.45	35.23	0	0.03	26.35	2.026	-0.342	12.72
9/1/2013 1:00	35634	7.133	161.8	8.72	9.95	2.916	168.9	16.27	6.368	78.74	76.55	37.51	39.92	0	0.021	26.34	1.814	-0.212	13.05
9/1/2013 2:00	35635	4.822	192.5	11.4	8.16	1.517	210.5	11.59	4.578	76.36	74.39	42.56	44.42	0	0.015	26.34	2.036	0.222	13.09
9/1/2013 3:00	35636	5.024	196.9	6.988	8.16	1.046	206.7	6.916	4.578	75.8	73.07	45.3	48.03	0	0.009	26.33	2.197	0.162	13.07
9/1/2013 4:00	35637	3.927	203.9	14.59	8.16	0.402	190.7	5.692	4.578	74.55	71.51	48.07	51.05	0	0.005	26.33	2.175	-0.022	13.15
9/1/2013 5:00	35638	4.047	213	11.29	6.368	0.192	223.3	4.304	2.789	73.46	70.1	50.26	53.5	0	0.001	26.32	2.166	-0.01	12.95
9/1/2013 6:00	35639	4.3	212.7	25.28	6.368	0.78	216.1	26.46	4.578	73.07	69.97	51.9	54.16	0	0.002	26.32	2.22	0.054	13
9/1/2013 7:00	35640	4.285	203.6	17.4	8.16	0.209	163.5	5.518	2.789	71.32	68.14	56.61	58.34	0	0.002	26.32	2.115	-0.105	12.96
9/1/2013 8:00	35641	3.133	216.4	19.62	4.578	0	0	0	0	70.95	68.09	59.1	60.16	0	14.89	26.32	2.042	-0.073	12.79
9/1/2013 9:00	35642	4.193	208.7	20.26	11.74	1.911	214.9	10.97	9.95	73.99	74.87	55.41	52.24	0	171	26.35	3.228	1.186	13.1
9/1/2013 10:00	35643	11.25	193.8	11.79	17.1	7.431	204.8	15.65	13.52	80.9	81.7	45.18	44.43	0	387.9	26.39	2.98	-0.248	13.07
9/1/2013 11:00	35644	11.25	189	12.93	17.1	7.502	199.7	16.87	13.52	85.9	87.2	36.28	36.25	0	589.3	26.44	0.843	-2.137	13.16
9/1/2013 12:00	35645	9.68	172	21.83	18.89	6.59	184.3	25.77	13.52	90.7	92.3	28.35	28.3	0	767.5	26.46	1.585	0.741	13.25
9/1/2013 13:00	35646	8.82	115.1	48.76	18.89	6.053	128.3	55.59	17.1	93.6	95.4	24.12	24.38	0	909	26.48	1.252	-0.333	13.02
9/1/2013 14:00	35647	11.8	123.5	24.71	26.05	7.95	134.5	32.66	18.89	95	97.4	21.28	20.75	0	890	26.47	-0.314	-1.566	12.97
9/1/2013 15:00	35648	11.75	122.2	24.82	22.47	8.11	134.1	32.73	18.89	95.8	98.3	20.92	20.35	0	939	26.46	0.044	0.358	13.05
9/1/2013 16:00	35649	11.67	101.9	22.81	27.84	8.19	110.8	30.42	18.89	96.2	98.4	20.51	20.25	0	821	26.44	0.206	0.162	13.41
9/1/2013 17:00	35650	12.91	110	21.96	24.26	8.51	120.4	29.88	18.89	95.7	97.9	20.2	19.68	0	701.4	26.43	0.517	0.311	13.59
9/1/2013 18:00	35651	11.1	114.8	18.79	20.68	7.517	124.7	25.72	18.89	95.9	97.5	19.82	19.61	0	525.7	26.41	0.704	0.187	13.47
9/1/2013 19:00	35652	11.48	108.1	19.99	22.47	7.581	118.4	27.21	15.31	94.7	95.5	20.67	20.74	0	307.2	26.41	1.414	0.71	13.64
9/1/2013 20:00	35653	10.52	117.7	12.89	18.89	6.658	128.7	19.53	15.31	92.9	92.9	21.42	21.86	0	95.3	26.4	1.816	0.403	13.62
9/1/2013 21:00	35654	7.104	111	7.143	13.52	3.414	118.4	16.72	9.95	89.3	87.8	24.55	26.08	0	3.257	26.39	1.934	0.117	13.7
9/1/2013 22:00	35655	6.475	101.8	5.678	9.95	2.56	96.5	13.19	4.578	85.6	82.2	27.79	30.86	0	0.042	26.39	2.114	0.181	13.24
9/1/2013 23:00	35656	6.758	79.05	8.04	9.95	2.833	77.69	15.41	6.368	83.2	80.8	30.62	32.91	0	0.033	26.4	2.137	0.022	13.29
9/2/2013 0:00	35657	7.004	77.54	8.08	9.95	3.122	75.08	16.06	6.368	81.8	79.63	32.48	34.66	0	0.037	26.4	2.21	0.073	13.16
9/2/2013 1:00	35658	6.772	83.1	12.22	11.74	3.131	78.63	17.78	8.16	80.1	77.89	34.94	37.18	0	0.026	26.39	2.305	0.095	13.25
9/2/2013 2:00	35659	5.073	78.17	16.78	9.95	1.896	68.88	12.9	4.578	79.99	77.18	35.99	39.04	0	0.018	26.39	2.368	0.064	13.34
9/2/2013 3:00	35660	7.553	45.75	12.14	15.31	3.934	47.8	16.92	9.95	78.74	77.7	39.67	40.68	0	0.044	26.4	1.509	-0.859	14.11
9/2/2013 4:00	35661	8.2	46.86	11.89	13.52	4.5	46.59	17.42	9.95	75.8	75.59	50.08	48.99	0	0.042	26.4	1.465	-0.044	14.09
9/2/2013 5:00	35662	9.03	32.85	10.63	15.31	5.366	34.3	13.82	11.74	75.01	74.96	55.59	53.67	0	0.049	26.4	1.55	0.086	13.95
9/2/2013 6:00	35663	11.8	28.98	9.8	20.68	7.536	29.18	14	17.1	74.79	74.76	61.73	59.13	0	0.036	26.42	1.788	0.238	14.23
9/2/2013 7:00	35664	12.36	35.35	10.8	20.68	7.331	36.99	14.96	17.1	75.4	75.32	64.94	62.25	0	0.049	26.43	1.76	-0.029	14.04
9/2/2013 8:00	35665	11.56	44.62	9.28	17.1	6.309	43.48	14.45	13.52	75.24	75.11	65.99	63.35	0	6.083	26.44	1.731	-0.029	14.22
9/2/2013 9:00	35666	10.99	35.74	10.69	18.89	6.548	35.93	14.72	15.31	75.16	75.27	66.36	63.47	0	104	26.46	1.5	-0.232	14.22
9/2/2013 10:00	35667	12.71	49.68	11.77	20.68	7.243	47.43	18.51	15.31	77.92	78.95	60	57.42	0	390.8	26.48	0.469	-1.03	13.44
9/2/2013 11:00	35668	13.58	67.08	13.28	20.68	8.44	70.1	22.77	15.31	80.8	82.6	54.21	51.9	0	594.8	26.52	0.707	0.238	13.56
9/2/2013 12:00	35669	12.65	69.41	17.22	22.47	8.07	71.36	27.39	17.1	84.3	86.7	49.76	47.95	0	807	26.54	0.032	-0.675	13.33
9/2/2013 13:00	35670	12.88	84.8	18.29	22.47	8.42	90.1	27.99	17.1	86.3	88.5	44.97	44.05	0	641.4	26.54	0.285	0.254	13.38
9/2/2013 14:00	35671	14.36	84.4	17.22	24.26	9.47	90.4	27.14	18.89	86.9	89.3	42.26	41.53	0	663	26.53	0.719	0.434	13.29
9/2/2013 15:00	35672	11.38	92.4	15.1	18.89	7.59	100	24.78	15.31	85	85.9	42.62	43.06	0	242.9	26.51	1.426	0.707	13.31
9/2/2013 16:00	35673	12.23	85.4	16.93	22.47	8.06	90	25.55	18.89	89.3	91.2	35.54	35.85	0	693.2	26.47	0.216	-1.211	13.33
9/2/2013 17:00	35674	12.22	83.2	21.47	22.47	8.03	88.1	30.22	17.1	90.6	92.4	32.92	33.12	0	620	26.46	0.406	0.19	13.32

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/2/2013 18:00	35675	13.04	79.63	17.14	22.47	8.25	83.7	27.05	18.89	90.1	91	29.85	30.43	0	236.8	26.45	0.884	0.479	13.31
9/2/2013 19:00	35676	10.45	264.7	44.84	20.68	7.555	262.9	43.83	17.1	83	84	47.41	45.49	0	246	26.45	2.063	1.179	13.21
9/2/2013 20:00	35677	6.672	243.6	18.19	13.52	4.427	243.5	21.52	11.74	79.74	80.2	56.27	53.84	0	85.4	26.43	2.241	0.178	13.36
9/2/2013 21:00	35678	4.664	267.4	32.11	8.16	2.177	270	33.12	6.368	76	75.85	64.18	61.54	0	1.427	26.41	2.137	-0.104	13.26
9/2/2013 22:00	35679	5.013	310.1	45.76	8.16	2.783	296.8	49.58	6.368	75.34	74.49	65.63	63.68	0	0.006	26.4	2.232	0.095	13.2
9/2/2013 23:00	35680	7.041	6.747	59.41	17.1	4.044	13.67	58.16	11.74	76.61	75.57	57.01	57.19	0	0.005	26.41	2.556	0.323	13.2
9/3/2013 0:00	35681	7.744	75.41	8.83	15.31	4.224	76.95	19.56	9.95	77.71	76.78	42.88	44.3	0	0.013	26.43	2.394	-0.162	13.22
9/3/2013 1:00	35682	6.446	75.52	5.744	15.31	3.228	71.1	15.24	6.368	75.45	73.9	49.47	50.19	0	0.008	26.43	2.537	0.143	13.53
9/3/2013 2:00	35683	6.013	55.52	11.8	8.16	3.019	59.08	17.35	6.368	74.92	73.53	52.37	52.67	0	0.008	26.43	2.185	-0.352	13.48
9/3/2013 3:00	35684	7.616	64.59	17.27	11.74	3.957	68.56	24.55	8.16	72.78	71.94	54.1	53.21	0	0.007	26.43	1.998	-0.187	13.65
9/3/2013 4:00	35685	6.405	110.6	13.71	8.16	3.146	110.2	19.73	6.368	70.47	69.2	63.18	61.14	0	0.004	26.43	2.422	0.425	13.65
9/3/2013 5:00	35686	6.166	112.3	12.33	8.16	2.717	104.4	17.55	4.578	69.4	67.59	65.98	64.96	0	0.002	26.42	2.505	0.082	13.64
9/3/2013 6:00	35687	4.533	143.5	55.37	8.16	1.393	128.3	45.4	4.578	69.16	66.7	63.79	64.34	0	0.002	26.41	2.334	-0.171	12.86
9/3/2013 7:00	35688	3.731	114.8	18.24	6.368	0.722	95.4	6.521	4.578	69.48	66.67	61.81	62.98	0	0	26.42	2.051	-0.282	13.36
9/3/2013 8:00	35689	2.66	79.1	19.78	4.578	0.569	69.36	3.712	2.789	70.06	67.2	59.23	61.05	0	15.33	26.43	2.223	0.171	13.24
9/3/2013 9:00	35690	2.822	55.34	12.28	6.368	0.912	60.64	10.54	4.578	72.55	73.52	54.14	52.22	0	177	26.45	3.646	1.424	13.03
9/3/2013 10:00	35691	2.322	188	48.14	8.16	1.388	209.7	28.26	6.368	81.2	81.8	39.63	40.01	0	394.7	26.5	3.477	-0.169	13.34
9/3/2013 11:00	35692	5.25	178.8	29.78	11.74	3.726	188.5	31.3	9.95	84.2	85	35.33	35.43	0	599	26.56	3.176	-0.301	13.18
9/3/2013 12:00	35693	8.01	124.9	32.5	17.1	5.618	135.3	39.97	13.52	85.7	87.4	35.63	35.54	0	773.8	26.59	0.951	-2.225	13.55
9/3/2013 13:00	35694	9.22	121.7	31	20.68	6.305	128.8	39.99	15.31	88.1	90.1	30.42	30.15	0	897	26.59	1.169	0.219	13.46
9/3/2013 14:00	35695	11.67	121.7	24.57	26.05	7.99	131.4	32.42	18.89	89.9	92.2	24.79	24.21	0	956	26.57	-0.12	-1.29	13.34
9/3/2013 15:00	35696	14.16	123.5	22.02	27.84	9.46	136.1	27.55	18.89	91.1	93.7	20.77	19.68	0	954	26.56	-0.136	-0.016	13.45
9/3/2013 16:00	35697	12.98	127.7	25.95	24.26	8.61	139.9	31.8	20.68	91.8	94.2	20.06	19.07	0	874	26.54	0.906	1.043	13.44
9/3/2013 17:00	35698	11.33	123	33.86	24.26	7.69	132.3	40.34	20.68	92.7	94.6	17.17	16.31	0	741.6	26.51	1.578	0.672	13.51
9/3/2013 18:00	35699	10.88	138.2	23.35	20.68	7.153	150.7	30.02	17.1	92.7	94.5	17.36	16.37	0	558	26.5	1.559	-0.019	13.49
9/3/2013 19:00	35700	10.25	132.5	21.52	18.89	6.672	146.1	26.3	15.31	92.1	93	18.54	17.98	0	339.9	26.48	1.692	0.133	13.45
9/3/2013 20:00	35701	9.16	114.7	18.19	15.31	5.985	124.9	24.46	11.74	90.3	90.2	21.36	21.53	0	117.5	26.46	1.861	0.168	13.29
9/3/2013 21:00	35702	9.15	91.5	11.61	15.31	5.5	99.2	20.65	11.74	86.4	85.7	25.2	25.86	0	3.004	26.45	2.044	0.184	13.35
9/3/2013 22:00	35703	9.18	77.26	7.525	15.31	4.933	78.1	19.75	9.95	82.1	81.1	28.21	28.95	0	0.047	26.45	1.782	-0.263	13.05
9/3/2013 23:00	35704	9.33	78.71	8.76	15.31	5.111	81.6	20.57	8.16	79.48	78.39	30.44	31.2	0	0.036	26.45	1.997	0.216	13.21
9/4/2013 0:00	35705	7.643	101.7	17.61	13.52	4.151	107.9	25.97	8.16	77.88	76.59	31.78	32.64	0	0.019	26.46	2.223	0.225	13.21
9/4/2013 1:00	35706	6.651	108.3	12.54	11.74	3.099	109.6	18.66	6.368	75.98	74.09	35.6	36.85	0	0.013	26.46	2.568	0.346	12.93
9/4/2013 2:00	35707	5.622	117.3	8.89	8.16	2.033	104.8	15.01	4.578	74.62	72.33	44.33	45.11	0	0.004	26.46	2.556	-0.013	13.17
9/4/2013 3:00	35708	5.848	108.7	5.583	8.16	2.503	93.8	12.39	4.578	75.19	71.93	47.89	49.9	0	0.004	26.46	2.67	0.114	13.14
9/4/2013 4:00	35709	6.043	108.6	6.35	9.95	2.162	95.5	12.45	4.578	73.89	70.67	51.2	52.93	0	0.007	26.47	2.717	0.048	13.16
9/4/2013 5:00	35710	5.988	122.1	9.13	8.16	1.952	106.9	11.13	4.578	73.29	69.56	53.12	55.81	0	0.004	26.47	2.695	-0.022	13.06
9/4/2013 6:00	35711	4.571	77.06	18.54	6.368	1.763	65.38	10.1	4.578	73.99	70.75	52.56	54.93	0	0.002	26.46	2.895	0.2	13.09
9/4/2013 7:00	35712	4.128	94.4	13.22	6.368	1.261	74.75	11.78	4.578	72.47	69.19	55.67	57.55	0	0.002	26.46	2.835	-0.06	13.16
9/4/2013 8:00	35713	2.49	97.1	12.9	4.578	0.469	77.1	9	2.789	71.75	68.2	58.5	58.95	0	14.67	26.47	2.622	-0.212	13.13
9/4/2013 9:00	35714	1.133	287.9	17	4.578	0.46	307.3	4.685	4.578	72.5	73.13	56.98	52.51	0	176.1	26.48	4.353	1.731	13.2
9/4/2013 10:00	35715	2.705	266	18.82	8.16	1.596	272.5	18.82	6.368	81.9	82.9	43.38	42.57	0	393.9	26.53	3.404	-0.949	13
9/4/2013 11:00	35716	3.866	214.4	68.06	9.95	2.806	217.8	63.26	8.16	87.2	87.8	35.62	36.29	0	595.1	26.59	2.919	-0.485	13.1
9/4/2013 12:00	35717	8.36	126.8	30.2	22.47	5.659	136.5	33.27	17.1	89	90.6	27.38	27.43	0	778.9	26.62	0.574	-2.345	13.25
9/4/2013 13:00	35718	10.18	129.3	24.71	22.47	6.838	138.9	32.15	17.1	90.1	92.3	21.27	20.51	0	908	26.61	1.23	0.656	13.36
9/4/2013 14:00	35719	10.86	121.8	29.13	22.47	7.509	131.3	38.01	17.1	91.4	93.6	19.25	18.43	0	963	26.6	-0.254	-1.483	13.34

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/4/2013 15:00	35720	8.96	128.7	52.89	20.68	6.305	138.3	57.2	17.1	93	94.9	16.7	15.95	0	951	26.59	0.976	1.23	13.23
9/4/2013 16:00	35721	9.02	142.8	40.44	22.47	6.154	151.7	44.67	18.89	94.4	96.2	16.72	15.99	0	914	26.58	0.266	-0.71	13.47
9/4/2013 17:00	35722	9.36	142.6	34.02	20.68	6.434	151.8	40.16	17.1	94.9	96.7	15.21	14.29	0	791.5	26.56	0.833	0.567	13.29
9/4/2013 18:00	35723	9.6	98.5	34.38	20.68	6.574	104.9	42.78	17.1	93.7	95	15.91	15.26	0	512.9	26.54	1.001	0.168	13.38
9/4/2013 19:00	35724	8.97	100.1	20.43	18.89	6.033	109	28.38	13.52	92	92.5	16.99	16.66	0	204.7	26.53	1.499	0.498	13.14
9/4/2013 20:00	35725	8.64	105.2	14.77	17.1	5.588	113.9	23.4	11.74	90.9	90.8	18.26	18.29	0	112.9	26.51	1.623	0.124	13.25
9/4/2013 21:00	35726	9.22	79.29	8.71	15.31	5.136	82	20.54	11.74	86.9	86	21.9	22.27	0	2.418	26.51	1.452	-0.171	13.33
9/4/2013 22:00	35727	9.16	76.37	6.591	13.52	5.029	76.94	18.39	8.16	82.4	81.4	24.64	25.04	0	0.034	26.51	1.398	-0.054	13.26
9/4/2013 23:00	35728	8.55	76.17	6.132	11.74	4.606	75.61	17.67	8.16	78.65	77.42	27.24	27.58	0	0.015	26.5	1.572	0.174	12.8
9/5/2013 0:00	35729	8.6	102.1	22.53	13.52	4.707	108.8	30.44	8.16	76.87	75.52	29.76	30.19	0	0.005	26.5	2.115	0.542	12.78
9/5/2013 1:00	35730	6.853	118.7	6.387	17.1	3.246	119.8	14.5	8.16	74.68	73.18	39.15	39.21	0	0.004	26.51	2.105	-0.01	12.71
9/5/2013 2:00	35731	3.833	66.09	36.69	8.16	1.455	61.17	32.73	4.578	73.48	71.5	48.03	48.42	0	0.002	26.5	1.928	-0.178	12.94
9/5/2013 3:00	35732	3.914	78.21	12.99	6.368	2.165	71.95	7.921	4.578	73.26	70.89	52.15	50.68	0	0.001	26.49	2.153	0.225	12.8
9/5/2013 4:00	35733	5.955	83.1	11.42	8.16	2.763	76.84	15.45	4.578	71.36	69.22	56.41	55.32	0	0	26.48	2.099	-0.054	12.87
9/5/2013 5:00	35734	4.157	43.03	36.7	6.368	1.6	46.82	38.08	6.368	70.15	67.68	58.93	57.67	0	0.001	26.47	2.061	-0.038	12.93
9/5/2013 6:00	35735	2.907	28.89	32.58	4.578	0.64	76.98	38.4	4.578	69.62	65.88	60.59	60.84	0	0	26.47	2.058	-0.003	12.99
9/5/2013 7:00	35736	3.185	95.2	18.42	6.368	1.864	83.6	13.93	4.578	71.05	66.72	60	61.51	0	0.001	26.47	2.22	0.162	12.84
9/5/2013 8:00	35737	3.564	135.6	28.7	6.368	1.313	106.2	21.54	4.578	71.17	66.16	59.56	61.8	0	13.77	26.48	2.162	-0.057	12.75
9/5/2013 9:00	35738	2.804	233	44.47	6.368	1.218	265	45.32	4.578	72.32	72.29	57.41	53.85	0	172.2	26.5	3.738	1.576	12.98
9/5/2013 10:00	35739	4.774	211.9	17.16	9.95	3.553	222.9	19.94	8.16	79.36	79.8	46.65	45.6	0	389.4	26.54	3.075	-0.664	12.97
9/5/2013 11:00	35740	7.831	181.5	22.31	15.31	5.629	193.2	25.19	11.74	84	85.1	38.69	38.57	0	592.6	26.6	2.289	-0.786	13.05
9/5/2013 12:00	35741	9	164.7	30.44	17.1	6.15	176.6	34.69	13.52	86.8	88.5	31.69	31.16	0	775.5	26.63	0.71	-1.579	12.97
9/5/2013 13:00	35742	8.91	104.2	39.76	20.68	6.232	111.5	47.41	15.31	89.3	91.3	24.21	23.95	0	894	26.63	1.008	0.298	12.99
9/5/2013 14:00	35743	10.26	107.2	24.77	26.05	7.064	114.1	31.98	18.89	91.2	93.3	19.73	19.18	0	959	26.62	0.586	-0.421	12.92
9/5/2013 15:00	35744	9.96	109.3	32.1	24.26	6.98	118.3	38.49	15.31	92	94.2	17.54	16.71	0	951	26.61	0.244	-0.342	12.91
9/5/2013 16:00	35745	8.95	143.4	37.3	20.68	6.292	156.5	44.67	17.1	93.7	95.3	14.67	13.86	0	879	26.59	0.887	0.643	13.27
9/5/2013 17:00	35746	8.56	128.6	46.48	18.89	5.814	136.4	49.54	15.31	93.8	95.4	17.5	16.96	0	727.1	26.57	1.284	0.396	13.15
9/5/2013 18:00	35747	8.24	118.8	42.46	17.1	5.878	128.3	50.43	13.52	94	95.2	18.67	18.38	0	591.8	26.55	0.97	-0.314	12.91
9/5/2013 19:00	35748	7.387	118.3	17.87	13.52	5.089	127.8	27.08	9.95	91.8	92.4	21.24	21.27	0	254.1	26.54	1.322	0.352	13.14
9/5/2013 20:00	35749	7.707	116.2	21.75	11.74	5.013	126.2	27.73	8.16	90.5	90.4	23.1	23.63	0	100.8	26.52	1.67	0.349	13.26
9/5/2013 21:00	35750	6.132	100.4	5.431	9.95	3.234	103.7	13.75	6.368	86.4	84.6	25.39	27.01	0	2.42	26.52	1.807	0.136	13.07
9/5/2013 22:00	35751	11.45	110.1	21.98	22.47	6.631	116.8	29.3	18.89	83.2	81.9	34.61	35.76	0	0.048	26.52	1.087	-0.72	13.15
9/5/2013 23:00	35752	10.19	144.3	9.64	18.89	5.901	153.7	16.33	13.52	81.7	81.1	42.84	43.78	0	0.042	26.53	1.55	0.463	12.83
9/6/2013 0:00	35753	9.08	147.4	8.65	15.31	5.209	157.8	15.12	9.95	80.3	79.78	46.76	47	0	0.049	26.53	1.598	0.048	12.79
9/6/2013 1:00	35754	9.94	169.3	10.6	18.89	5.828	179.2	16.5	13.52	79.39	79.08	49.8	49.52	0	0.044	26.53	1.633	0.035	12.83
9/6/2013 2:00	35755	5.641	181.5	11.53	11.74	2.121	187	11.92	8.16	76.77	75.76	55.37	55.03	0	0.035	26.53	1.756	0.124	12.93
9/6/2013 3:00	35756	3.891	163.8	14	6.368	0.064	112.2	1.173	2.789	74.54	72.5	60.3	60.53	0	0.017	26.51	1.795	0.038	12.9
9/6/2013 4:00	35757	5.112	146.1	8.02	8.16	1.037	121.1	9.82	4.578	73.32	70.76	63.29	63.36	0	0.015	26.49	1.747	-0.048	12.97
9/6/2013 5:00	35758	3.053	165.1	16.93	8.16	0.095	139.6	2.168	2.789	71.77	69.67	65.68	65.09	0	0.008	26.49	1.604	-0.143	12.75
9/6/2013 6:00	35759	3.697	158.6	21.22	4.578	0	0	0	0	71.13	68.72	66.99	66.7	0	0.006	26.48	1.642	0.038	12.81
9/6/2013 7:00	35760	4.456	154.6	12.3	8.16	0.071	101.1	1.302	2.789	70.02	67.47	69.92	69.03	0	0.005	26.48	1.734	0.092	12.73
9/6/2013 8:00	35761	3.937	147.7	19.66	6.368	0.008	174	0.857	2.789	69.27	67.4	72.53	70.43	0	9.96	26.48	1.763	0.029	12.73
9/6/2013 9:00	35762	6.244	164.6	15.79	11.74	3.33	182.9	15.94	8.16	71.74	72.33	70.31	65.18	0	155.3	26.5	3.237	1.474	12.88
9/6/2013 10:00	35763	7.669	178.2	15.99	13.52	5.167	189.4	21.2	9.95	77.37	78.36	60.09	56.8	0	355	26.54	3.113	-0.124	13.11
9/6/2013 11:00	35764	9.1	189.8	16.53	17.1	6.3	200.7	20.88	13.52	81.7	82.9	49.98	48.08	0	566.2	26.59	2.97	-0.143	13

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/6/2013 12:00	35765	9.06	181.1	23.66	17.1	6.197	194.1	27.28	13.52	84.6	86.2	43.77	42.65	0	743.8	26.62	0.84	-2.13	13.09
9/6/2013 13:00	35766	9.74	166.5	30.2	18.89	6.639	179.3	33.26	15.31	87.2	89.1	38.14	37.52	0	786.9	26.62	1.309	0.469	12.96
9/6/2013 14:00	35767	8.77	159.1	26.02	26.05	6.007	173	31.83	18.89	88.4	90.1	35.97	35.7	0	754.8	26.61	0.688	-0.621	13.06
9/6/2013 15:00	35768	9.54	134.3	31.62	18.89	6.666	146	36.82	15.31	89	90.7	34.21	34	0	653.6	26.58	0.9	0.212	13.11
9/6/2013 16:00	35769	10.84	162.5	27.75	20.68	7.451	176.4	33.2	17.1	91.3	93.3	30.28	29.72	0	893	26.55	0.786	-0.114	13.31
9/6/2013 17:00	35770	10.59	133.3	22	20.68	7.106	142.8	27.77	15.31	90.6	92.2	30.13	30.06	0	441.8	26.53	1.318	0.532	13.24
9/6/2013 18:00	35771	10.84	121.8	18.15	20.68	7.113	131.5	24.89	15.31	89.5	90.4	29.7	29.99	0	219.6	26.5	1.642	0.324	13.27
9/6/2013 19:00	35772	10.69	116.8	14.8	18.89	6.891	126.5	20.66	15.31	88.4	88.6	30.58	31.35	0	81	26.48	1.819	0.178	13.1
9/6/2013 20:00	35773	9.7	124.2	9.16	15.31	5.872	134	16.58	11.74	87	86.7	31.65	32.77	0	24.87	26.47	2.07	0.25	13.33
9/6/2013 21:00	35774	6.962	123.9	9.42	11.74	3.543	130	14.17	8.16	84.1	82.8	34.73	36.61	0	1.204	26.46	2.146	0.076	13.18
9/6/2013 22:00	35775	6.166	131	15.39	8.16	2.495	129.8	21.13	4.578	81.7	79.76	38.5	41.07	0	0.043	26.46	2.146	0	13.09
9/6/2013 23:00	35776	7.149	113.8	12.54	11.74	3.69	119.2	19.63	8.16	79.55	78.01	41.39	43.29	0	0.027	26.46	2.4	0.254	12.81
9/7/2013 0:00	35777	7.177	139.4	8.84	9.95	3.295	145.4	15.69	6.368	77.76	76.36	46.36	47.33	0	0.024	26.46	2.061	-0.339	13.03
9/7/2013 1:00	35778	6.816	151	6.174	13.52	2.945	155.7	12.72	6.368	75.78	74.22	51.6	52.2	0	0.016	26.46	2.02	-0.041	12.89
9/7/2013 2:00	35779	5.95	158.3	6.158	8.16	1.402	152.1	8.67	4.578	74.38	71.94	54.47	55.86	0	0.012	26.45	2.143	0.124	12.84
9/7/2013 3:00	35780	4.754	165	4.991	6.368	0.166	148.2	2.303	2.789	73.1	70.03	57.29	59.2	0	0.003	26.44	2.039	-0.105	12.91
9/7/2013 4:00	35781	4.73	153.7	8.69	6.368	1.281	113.5	7.876	2.789	72.06	68.89	59.76	61.29	0	0.004	26.43	2.194	0.155	12.97
9/7/2013 5:00	35782	4.886	153.1	11.45	8.16	0.906	114.4	10.76	2.789	71.02	68	62.12	62.95	0	0.004	26.42	2.21	0.016	13.03
9/7/2013 6:00	35783	2.046	160.5	20.4	4.578	0.012	183.7	0.798	2.789	69.98	67.46	64.85	64.86	0	0.002	26.42	2.207	-0.003	12.83
9/7/2013 7:00	35784	3.557	141.4	17.37	6.368	0.059	148.9	1.36	2.789	70.26	67.51	64.82	65.31	0	0.002	26.42	2.102	-0.105	13.06
9/7/2013 8:00	35785	4.178	142.2	9.22	6.368	0.064	113.4	2.152	2.789	68.96	66.55	68.07	67.36	0	11.17	26.43	2.162	0.06	13.15
9/7/2013 9:00	35786	4.605	161.2	17.75	6.368	2.12	171.5	22.49	6.368	72.55	72.9	62.66	59.19	0	153.4	26.45	3.5	1.338	12.83
9/7/2013 10:00	35787	7.238	196.8	12.4	11.74	5.113	206.5	15.55	9.95	78.38	79.14	53.73	51.55	0	363.5	26.49	3.141	-0.359	12.91
9/7/2013 11:00	35788	9.01	185.4	18	15.31	6.193	196.1	21.46	11.74	81.6	82.8	48.01	46.36	0	560.8	26.54	3.002	-0.14	12.81
9/7/2013 12:00	35789	7.975	178.9	25	18.89	5.607	191.3	28.55	13.52	84.7	86.1	41.8	41.1	0	717.2	26.56	1.217	-1.785	12.92
9/7/2013 13:00	35790	8.97	153.4	31.23	20.68	6.221	166.4	37	13.52	86.3	87.9	36.71	36.4	0	717.1	26.57	0.894	-0.323	13.01
9/7/2013 14:00	35791	9.76	149.5	28.09	20.68	6.658	163.6	33.32	15.31	89.1	91	31.65	31.18	0	824	26.55	1.106	0.212	12.88
9/7/2013 15:00	35792	11.1	149.3	27.04	27.84	7.365	161.7	32.27	18.89	90.2	92.4	28.89	28.21	0	848	26.54	0.342	-0.764	13.25
9/7/2013 16:00	35793	11.68	149.6	21.71	26.05	7.752	164.3	27.63	20.68	90.5	92.6	27.87	27.07	0	712.9	26.51	1.04	0.697	13.32
9/7/2013 17:00	35794	10.99	147.1	23.91	20.68	7.254	161	30.2	15.31	91.7	93.8	26.06	25.32	0	707.4	26.49	1.385	0.345	13.07
9/7/2013 18:00	35795	11.52	145.6	20.55	20.68	7.333	160.3	25.81	17.1	91.1	92.7	25.7	25.16	0	458.6	26.47	0.453	-0.932	13.17
9/7/2013 19:00	35796	9.53	145.6	18.89	17.1	6.034	159.4	26.46	13.52	91	92	26.05	25.95	0	315.1	26.45	1.658	1.204	13.11
9/7/2013 20:00	35797	10.03	141	14.13	17.1	6.001	155	20.46	11.74	89.2	89.2	27.45	28.02	0	96.1	26.44	1.816	0.159	13.07
9/7/2013 21:00	35798	8.06	122.8	8.97	15.31	4.521	134.9	16.03	9.95	85.6	84.7	30.94	32.2	0	1.399	26.43	2.244	0.428	13.08
9/7/2013 22:00	35799	7.619	112.1	8.48	11.74	4.431	123.2	16.6	8.16	82.5	81.6	35.63	36.89	0	0.059	26.42	2.384	0.14	13.2
9/7/2013 23:00	35800	6.847	113.4	9.41	9.95	3.622	119.9	18.04	8.16	79.99	78.76	40.33	41.93	0	0.055	26.42	2.206	-0.177	13.31
9/8/2013 0:00	35801	7.026	112.5	8.7	9.95	3.698	118.7	17.83	8.16	78.54	77.06	42.41	44.03	0	0.035	26.42	2.676	0.469	13.04
9/8/2013 1:00	35802	8.99	120	8.84	13.52	5.316	129.3	16.26	9.95	79.01	78.32	40.81	41.83	0	0.043	26.42	2.251	-0.425	13.04
9/8/2013 2:00	35803	8.28	118.3	7.972	13.52	4.799	127.1	15.41	9.95	76.87	76.07	42.59	43.3	0	0.04	26.42	2.362	0.111	12.66
9/8/2013 3:00	35804	7.347	111.8	7.67	9.95	4.133	118.5	16	8.16	74.93	73.98	45.44	45.74	0	0.029	26.41	2.435	0.073	13.1
9/8/2013 4:00	35805	6.258	107.9	11.74	9.95	3.207	110.6	18.2	6.368	73.18	71.78	49.05	49.22	0	0.018	26.39	2.334	-0.101	13.03
9/8/2013 5:00	35806	6.364	112.2	8.03	9.95	3.066	109.4	16.82	6.368	71.92	70.44	53.16	52.82	0	0.013	26.38	2.34	0.006	12.73
9/8/2013 6:00	35807	5.155	113.5	9.55	8.16	2.075	90.8	12.94	4.578	70.5	68.5	57.1	56.43	0	0.005	26.37	2.093	-0.247	12.8
9/8/2013 7:00	35808	4.595	131.8	7.673	8.16	0.372	102.7	5.308	4.578	69.75	67.46	62.07	61.3	0	0.004	26.37	2.159	0.067	13.12
9/8/2013 8:00	35809	5.253	136.4	8.89	8.16	1.147	131.1	9.73	4.578	69.27	67.45	67.18	65.24	0	10.39	26.37	2.438	0.279	13.16

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/8/2013 9:00	35810	4.591	123.9	20.54	11.74	2.129	138.2	22.69	8.16	71.87	72.69	65.57	60.98	0	148.7	26.39	3.925	1.487	13.2
9/8/2013 10:00	35811	6.278	160.4	17.87	9.95	4.346	173.1	23.91	8.16	77.5	78.5	59.3	55.92	0	359.7	26.42	3.588	-0.337	13.3
9/8/2013 11:00	35812	6.162	168.9	29.56	13.52	4.356	180.9	34.23	9.95	82.5	83.7	49.81	48.08	0	560.9	26.46	2.479	-1.11	13.36
9/8/2013 12:00	35813	8.82	151.1	26.52	18.89	5.999	162.5	31.94	13.52	84.6	86.4	42.55	41.65	0	674.5	26.48	1.499	-0.98	13.31
9/8/2013 13:00	35814	9.26	154.8	30.6	18.89	6.344	167	34.27	15.31	86.3	88.2	38.22	37.63	0	762.8	26.48	1.179	-0.32	13.34
9/8/2013 14:00	35815	11.27	142.3	26.98	22.47	7.548	154	33.82	20.68	87.9	90.1	33.77	33.02	0	821	26.46	0.136	-1.043	13.24
9/8/2013 15:00	35816	12.57	128.4	24.69	26.05	8.56	138.8	30.86	20.68	89.2	91.7	31.23	30.34	0	930	26.45	0.019	-0.117	13.16
9/8/2013 16:00	35817	12.98	129.3	21.17	22.47	8.44	140.4	27.1	17.1	89	91.2	29.32	28.52	0	622.1	26.43	0.228	0.209	13.1
9/8/2013 17:00	35818	12.12	131.8	25.59	24.26	8.01	141.7	32.63	15.31	90.6	92.8	26.06	25.26	0	712.2	26.4	0.561	0.333	13.11
9/8/2013 18:00	35819	11.83	130	22.16	22.47	7.836	142.2	26.6	15.31	90.2	91.7	26.08	25.6	0	449.8	26.38	0.472	-0.089	13.17
9/8/2013 19:00	35820	15.32	118.3	16.61	26.05	9.74	130.3	23.03	18.89	88.6	89.3	27.83	27.84	0	200.6	26.36	0.52	0.048	13.05
9/8/2013 20:00	35821	14.24	119.6	10.48	22.47	8.94	131.5	17.97	18.89	86.8	86.8	29.3	29.83	0	83.6	26.35	1.842	1.322	13.06
9/8/2013 21:00	35822	10.38	138.9	20.16	20.68	6.098	149.9	23.83	15.31	83.6	83	36.07	36.82	0	1.013	26.34	2.114	0.273	13.31
9/8/2013 22:00	35823	9.94	147.1	8.81	17.1	5.727	158.3	15.44	11.74	80.6	79.98	44.43	45.12	0	0.046	26.35	1.886	-0.228	13.41
9/8/2013 23:00	35824	11.46	148.7	10.05	24.26	6.636	159.7	16.07	15.31	79	78.44	48.51	48.52	0	0.043	26.36	1.547	-0.339	13.18
9/9/2013 0:00	35825	10.03	166.4	8.58	17.1	5.7	177.6	15.37	13.52	76.73	76.2	54.49	53.57	0	0.051	26.37	2.105	0.558	13.24
9/9/2013 1:00	35826	8.53	149	11.68	20.68	4.751	158.8	17.26	9.95	74.49	73.84	60.18	58.62	0	0.023	26.37	2.185	0.079	13.04
9/9/2013 2:00	35827	8.4	149.8	11.06	15.31	4.704	159.6	17.53	9.95	72.86	72.12	64.18	62	0	0.015	26.35	2.178	-0.006	12.96
9/9/2013 3:00	35828	6.569	141.8	16.03	15.31	2.996	153	19.52	9.95	71.27	70.39	69.85	67.04	0	0.013	26.34	2.02	-0.159	12.45
9/9/2013 4:00	35829	5.685	137.2	8.74	11.74	1.697	148.4	10.71	8.16	68.8	67.5	74.55	71.28	0	0.003	26.33	2.102	0.082	12.75
9/9/2013 5:00	35830	8.71	151.7	10.11	13.52	4.941	162.8	16.72	9.95	68.38	67.79	77.53	72.88	0	0.004	26.32	2.055	-0.048	13.12
9/9/2013 6:00	35831	7.159	142.3	10.5	13.52	3.863	152.1	16.74	9.95	67	66.4	80.5	75.28	0	0.004	26.32	2.032	-0.022	13.04
9/9/2013 7:00	35832	3.099	109.1	12.66	8.16	0.745	111.6	11.73	4.578	65.05	64.11	85.1	79.22	0	0.002	26.32	1.912	-0.12	13.09
9/9/2013 8:00	35833	4.818	110.5	22.32	9.95	1.418	91.4	14.17	6.368	64.42	63.09	88.5	82.2	0	12.72	26.32	2.147	0.235	13.07
9/9/2013 9:00	35834	6.101	106.3	26.62	13.52	4.079	116.2	32.71	9.95	66.69	67.48	83.9	76.37	0	132.2	26.33	3.424	1.278	13.25
9/9/2013 10:00	35835	10.61	164.9	13.36	17.1	6.87	178.4	18.77	13.52	69.4	70.61	80.1	72.3	0	337.1	26.37	3.028	-0.396	13.27
9/9/2013 11:00	35836	11.19	157.7	13.49	18.89	6.98	171.2	18.66	13.52	71.71	73.14	74.68	67.75	0	323.1	26.4	1.135	-1.893	13.17
9/9/2013 12:00	35837	12.59	155.9	14.17	20.68	7.863	168.4	19.5	15.31	73.21	74.72	70.71	64.55	0	367.9	26.42	1.198	0.063	13.1
9/9/2013 13:00	35838	12.63	160.9	13.97	18.89	7.875	173.5	19.92	15.31	74.63	76.2	67.25	61.7	0	396.2	26.42	1.011	-0.187	13.25
9/9/2013 14:00	35839	13.73	153.2	14.87	20.68	8.85	165.8	20.16	17.1	77.89	79.85	59.54	55.1	0	642.5	26.42	0.513	-0.498	13.34
9/9/2013 15:00	35840	13.59	151.4	16.65	27.84	8.75	163	21.84	17.1	81.3	83.8	51.06	47.56	0	831	26.41	0.022	-0.491	13.4
9/9/2013 16:00	35841	14.07	149.8	16.15	26.05	8.87	162.5	21.52	18.89	83.1	85.4	46.02	43.79	0	681.5	26.4	-0.447	-0.469	13.37
9/9/2013 17:00	35842	15.42	156.2	15.38	27.84	9.57	168.3	20.87	18.89	83.6	85.2	43.04	42.02	0	460.9	26.38	-0.485	-0.038	13.25
9/9/2013 18:00	35843	16.43	148	10.37	26.05	10.1	160.7	17.01	18.89	83.6	84.8	41.79	41.47	0	267.1	26.36	-0.713	-0.228	13.5
9/9/2013 19:00	35844	16.43	170.5	17.52	27.84	9.81	182.8	20.78	22.47	82.4	82.7	43.49	43.64	0	101.7	26.34	0.941	1.655	13.51
9/9/2013 20:00	35845	16.09	180.8	9.66	26.05	9.51	192.7	15.41	20.68	80.9	80.8	47.87	47.66	0	69.63	26.33	1.49	0.548	13.3
9/9/2013 21:00	35846	13.21	174.5	9.81	22.47	7.729	186.4	15.48	17.1	78.78	78.38	50.42	50.31	0	0.744	26.34	1.319	-0.171	13.21
9/9/2013 22:00	35847	9.73	166.3	8.53	17.1	5.398	177.1	15.11	13.52	77.25	76.61	49.75	49.83	0	0.061	26.35	1.988	0.669	13.43
9/9/2013 23:00	35848	8.34	156	8.89	13.52	4.449	166.2	15.69	9.95	75.53	74.65	53.72	53.47	0	0.033	26.36	2.115	0.127	13.23
9/10/2013 0:00	35849	6.808	135.6	8.35	9.95	3.049	140.6	15.23	6.368	73.26	71.89	58.12	57.72	0	0.017	26.36	2.007	-0.108	12.64
9/10/2013 1:00	35850	7.938	143.3	8.29	11.74	4.013	152	15.47	8.16	72.25	71.2	61.66	60.21	0	0.012	26.36	2.235	0.228	13.3
9/10/2013 2:00	35851	8.33	137.5	7.961	13.52	4.491	147.3	15.66	8.16	71.05	70.09	66.18	63.87	0	0.007	26.35	2.346	0.111	13.3
9/10/2013 3:00	35852	8.58	143.6	9.19	13.52	4.701	153.8	15.83	11.74	70.52	69.75	70.2	67.12	0	0.009	26.35	2.267	-0.079	12.68
9/10/2013 4:00	35853	7.96	141.4	9.11	15.31	4.355	150.9	16.06	8.16	69.7	68.97	73.74	70.07	0	0.005	26.35	2.156	-0.111	12.83
9/10/2013 5:00	35854	7.194	140.4	7.605	9.95	3.648	148.8	14.48	6.368	67.78	66.87	79.4	74.91	0	0.003	26.34	2.042	-0.114	13.41

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/10/2013 6:00	35855	8.11	145.2	10.5	13.52	4.626	155.6	16.85	11.74	68.03	67.61	81.5	76.16	0	0.005	26.34	3.019	0.977	13.29
9/10/2013 7:00	35856	9.81	139.9	11.99	15.31	5.808	151.9	18.54	9.95	69.52	69.48	80.4	74.88	0	0.01	26.35	2.47	-0.549	13.37
9/10/2013 8:00	35857	10.4	132.1	11.67	20.68	6.431	143.8	18.02	13.52	69.51	69.44	80.8	75.22	0	2.333	26.37	1.877	-0.593	13.34
9/10/2013 9:00	35858	11.87	147.3	9.18	17.1	7.19	159.4	16.05	13.52	70.21	70.35	79.37	73.79	0	47.97	26.39	1.408	-0.469	12.74
9/10/2013 10:00	35859	12.83	149.3	9.49	18.89	7.679	161.1	16.22	15.31	71.17	71.68	76.77	71.14	0	127.2	26.42	1.221	-0.187	13.28
9/10/2013 11:00	35860	12.11	144.7	11.57	18.89	7.424	156.7	18.6	15.31	72.69	73.62	72.72	67.32	0	225.6	26.44	1.354	0.133	13.29
9/10/2013 12:00	35861	11.92	156.1	12.01	18.89	7.359	167	18.27	15.31	75.06	76.11	66.76	62.35	0	296.8	26.46	1.147	-0.206	13.34
9/10/2013 13:00	35862	12.16	150.2	16.17	24.26	7.631	160.9	21.99	20.68	77.63	79.22	60.69	56.7	0	434.6	26.47	0.485	-0.663	13.41
9/10/2013 14:00	35863	12.57	144.4	16.5	22.47	8.21	155.3	22.46	18.89	80.5	82.5	53.72	50.59	0	700.1	26.48	-0.339	-0.824	13.35
9/10/2013 15:00	35864	15.62	139.8	16.36	27.84	10.01	151.1	22.73	22.47	82.6	85.1	49.11	46.34	0	833	26.48	-0.64	-0.301	13.37
9/10/2013 16:00	35865	15.85	138.9	15.35	26.05	10.18	150.5	20.79	22.47	84	86.6	45.56	43.32	0	825	26.46	-0.475	0.165	13.47
9/10/2013 17:00	35866	16.5	139	16.14	29.63	10.38	150.9	21.7	20.68	85.2	87.2	41.83	40.82	0	577.3	26.43	-0.558	-0.082	13.36
9/10/2013 18:00	35867	15.62	139.9	12.37	24.26	9.49	151.3	18.22	18.89	84.6	85.5	39.99	40.28	0	203.3	26.41	-0.333	0.225	13.44
9/10/2013 19:00	35868	16.77	126.7	11.96	27.84	10.31	140	18.59	20.68	83.3	83.8	45.08	45.09	0	89.6	26.41	0.269	0.602	13.27
9/10/2013 20:00	35869	17.57	134.2	10.06	27.84	10.55	147.1	16.71	20.68	82.1	82.2	49.2	48.86	0	51.22	26.4	0.428	0.158	13.38
9/10/2013 21:00	35870	16.87	133.3	8.67	29.63	10.09	145.3	16.12	18.89	80	80	54.46	53.51	0	0.316	26.41	1.249	0.821	13.19
9/10/2013 22:00	35871	17.11	130.7	8.95	29.63	10.25	142.7	16.63	20.68	77.83	77.82	59.3	57.52	0	0.053	26.43	1.278	0.029	12.49
9/10/2013 23:00	35872	16.84	132.8	8.82	27.84	9.98	145.6	16.48	18.89	74.92	74.87	69.4	66.12	0	0.046	26.44	1.623	0.346	12.44
9/11/2013 0:00	35873	15.58	126.6	10.26	26.05	9.49	138.4	17.52	18.89	73.67	73.63	73.67	69.69	0	0.031	26.44	1.7	0.076	12.76
9/11/2013 1:00	35874	15.01	131.2	8.23	24.26	9.07	143.8	16.33	17.1	72.14	72.14	78.37	73.48	0	0.024	26.44	1.706	0.006	13.41
9/11/2013 2:00	35875	13.94	138.7	9.66	22.47	8.36	150.8	16.86	17.1	71.79	71.73	76.96	72.4	0	0.026	26.44	1.579	-0.127	13.16
9/11/2013 3:00	35876	13.43	144.9	9.2	22.47	8.08	156.8	16.1	15.31	71.45	71.45	78.6	73.57	0	0.032	26.44	1.63	0.051	13.38
9/11/2013 4:00	35877	12.82	142.5	8.92	20.68	7.653	154.6	15.36	15.31	70.56	70.53	82.6	76.98	0	0.023	26.43	1.747	0.117	13.36
9/11/2013 5:00	35878	11.09	141.7	8.87	18.89	6.684	153.4	16	13.52	70.11	70.06	83.9	78.11	0	0.028	26.42	1.7	-0.048	13.33
9/11/2013 6:00	35879	11.89	146.8	8.89	18.89	7.21	158.6	15.46	13.52	70.16	70.19	83.5	77.69	0	0.022	26.41	1.642	-0.057	13.21
9/11/2013 7:00	35880	9.93	143.2	9.95	15.31	5.905	155.9	16.13	11.74	70.12	70.14	82.6	76.97	0	0.028	26.43	1.772	0.13	13.15
9/11/2013 8:00	35881	12.29	141.5	8.97	18.89	7.566	153.6	16.23	15.31	70.11	70.17	82.5	76.81	0	2.214	26.44	1.623	-0.149	13.4
9/11/2013 9:00	35882	13.44	142.8	8.95	18.89	8.09	154	15.22	15.31	70.57	70.67	79.61	74.36	0	29.06	26.45	1.528	-0.095	13.39
9/11/2013 10:00	35883	14.1	147.5	9.67	22.47	8.43	159.6	16.39	17.1	70.84	71.07	78.68	73.28	0	54.1	26.47	1.516	-0.013	13.33
9/11/2013 11:00	35884	13.69	150.3	10.78	20.68	8.2	162.2	17.36	17.1	70	70.57	83.5	76.93	0	131.6	26.49	1.512	-0.003	13.43
9/11/2013 12:00	35885	13.88	142.7	11.24	20.68	8.47	154.8	17.26	17.1	70.31	71.24	84.1	77.05	0	182.8	26.49	1.465	-0.048	12.65
9/11/2013 13:00	35886	14.6	143.2	11.05	22.47	8.99	155.2	17.3	17.1	72.64	73.31	75.68	70.53	0	168.6	26.49	1.186	-0.279	13.5
9/11/2013 14:00	35887	15.83	150.6	11	22.47	9.58	162	17.6	17.1	75.01	75.92	67.63	63.5	0	253.1	26.49	0.612	-0.574	12.59
9/11/2013 15:00	35888	15.15	161.9	11.92	24.26	9.1	173.4	17.7	17.1	76.79	77.67	62.15	58.98	0	240.1	26.48	0.247	-0.365	13.25
9/11/2013 16:00	35889	14.47	145	11.63	24.26	8.96	156.9	17.76	17.1	78.08	79.2	59.94	56.86	0	344.8	26.47	0.117	-0.13	13.34
9/11/2013 17:00	35890	15.31	137.7	11.36	24.26	9.48	149.4	17.93	18.89	80.2	81.4	54.57	52.45	0	304.1	26.46	-0.105	-0.222	13.26
9/11/2013 18:00	35891	15.36	139.4	12.21	22.47	9.44	152.8	18.14	17.1	80.7	81.5	52.44	51.03	0	215.8	26.46	-0.174	-0.07	13.34
9/11/2013 19:00	35892	14.5	136	11.6	24.26	8.87	148.7	18.2	17.1	81.1	81.7	50.77	49.92	0	159.5	26.45	0.406	0.58	13.36
9/11/2013 20:00	35893	14.88	129.8	10.71	24.26	9.05	142	17.05	18.89	80	80	52.39	51.83	0	17.68	26.45	0.805	0.399	13.2
9/11/2013 21:00	35894	14.02	124	9.52	22.47	8.48	136.1	16.78	17.1	78.4	78.25	57.32	56.14	0	0.225	26.45	1.398	0.593	12.59
9/11/2013 22:00	35895	9.3	120.5	8.56	17.1	5.569	130.6	16.01	13.52	76.87	76.54	60.71	59.27	0	0.035	26.46	1.889	0.491	13.21
9/11/2013 23:00	35896	7.788	115.9	8.79	13.52	4.81	126.6	16.52	8.16	75.89	75.49	61.37	59.92	0	0.029	26.46	2.061	0.171	12.73
9/12/2013 0:00	35897	7.05	119.9	8.44	9.95	4.316	130	15.45	8.16	74.97	74.68	63.08	61.09	0	0.03	26.46	2.118	0.057	12.59
9/12/2013 1:00	35898	8.17	131	10.94	15.31	4.829	141.1	17.39	11.74	75.25	74.88	62.35	60.65	0	0.029	26.45	1.601	-0.517	12.64
9/12/2013 2:00	35899	11.3	145.7	8.84	18.89	6.653	157.5	15.93	13.52	75.53	75.3	60.98	59.23	0	0.028	26.46	1.303	-0.298	13.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/12/2013 3:00	35900	13.41	146.5	9	22.47	7.89	158.7	15.98	17.1	74.42	74.26	63.67	61.26	0	0.031	26.45	1.293	-0.01	12.78
9/12/2013 4:00	35901	10.46	147.7	8.7	18.89	6.167	158.8	15.4	15.31	72.31	72.04	69.47	66.07	0	0.024	26.45	1.801	0.508	13.26
9/12/2013 5:00	35902	8.74	145.3	9.39	15.31	5.151	156.2	15.71	9.95	71.1	70.86	73.87	69.68	0	0.018	26.44	1.931	0.13	13.06
9/12/2013 6:00	35903	7.497	135.6	8.78	11.74	4.56	146.2	16.11	8.16	70	69.76	75.25	70.82	0	0.012	26.44	2.194	0.263	13.21
9/12/2013 7:00	35904	7.477	130.4	8.92	11.74	4.434	139.6	16.11	9.95	69.22	68.94	74.1	69.75	0	0.008	26.44	2.267	0.073	13.04
9/12/2013 8:00	35905	7.126	115.4	12.69	11.74	4.578	125.8	19.3	8.16	68.52	68.37	75.93	70.93	0	24.23	26.44	2.283	0.016	13.24
9/12/2013 9:00	35906	9.01	120	11.46	13.52	5.813	131.5	18.43	9.95	68.84	69.28	77.64	71.55	0	96.6	26.46	2.036	-0.247	13.14
9/12/2013 10:00	35907	11.72	135.4	10.44	18.89	7.353	147.5	18.01	15.31	71.21	72.03	72.42	67.06	0	263	26.48	1.173	-0.862	12.88
9/12/2013 11:00	35908	13.62	149.1	15.37	22.47	8.66	162.5	20.73	17.1	76.47	78.42	59.39	55.01	0	633.1	26.52	-0.345	-1.519	12.85
9/12/2013 12:00	35909	14.2	147.7	15.72	24.26	8.95	159.3	21.41	18.89	78.73	80.8	52.6	49.26	0	608.4	26.55	-0.339	0.006	13.31
9/12/2013 13:00	35910	14.65	145.5	15.56	24.26	9.18	155.7	21.14	17.1	80.5	82.4	47.09	44.96	0	621.8	26.55	-0.653	-0.314	13.3
9/12/2013 14:00	35911	15.53	143.7	16.23	29.63	9.86	153.7	22.44	26.05	82.2	84.4	43.14	41.46	0	737.3	26.54	-0.964	-0.311	13.19
9/12/2013 15:00	35912	15.86	155.5	16.59	29.63	10.06	166.7	22.07	20.68	83.8	86.2	38.42	37.07	0	754.7	26.52	-1.008	-0.044	13.33
9/12/2013 16:00	35913	13.77	145.4	15.05	22.47	8.69	156.1	20.81	17.1	83	84.6	38.94	38.48	0	344.1	26.5	0.086	1.093	13.39
9/12/2013 17:00	35914	12.44	137.3	14.2	20.68	7.759	148.5	20.69	15.31	83	84	38.5	38.47	0	312.7	26.47	-0.431	-0.517	13.32
9/12/2013 18:00	35915	13.19	142.4	17.94	22.47	8.44	152.9	23.14	17.1	84.9	86.5	35.74	35.27	0	472.4	26.46	-0.659	-0.228	13.39
9/12/2013 19:00	35916	11.97	148	14.92	20.68	7.42	158	20.94	15.31	84.2	85	35.79	35.97	0	184.9	26.46	0.818	1.477	13.41
9/12/2013 20:00	35917	10.08	140.6	12.06	17.1	5.945	150.8	17.72	11.74	82.4	82.3	35.71	36.63	0	34.96	26.45	1.712	0.894	13.37
9/12/2013 21:00	35918	10.21	120.1	8.73	17.1	6.209	129.6	16	11.74	80.4	79.9	38.25	39.35	0	0.431	26.44	1.579	-0.133	13.48
9/12/2013 22:00	35919	9.16	115.3	7.748	13.52	5.512	124.6	15.82	9.95	78.05	77.33	42.02	42.96	0	0.041	26.44	2.095	0.517	13.11
9/12/2013 23:00	35920	8.75	113	7.686	13.52	5.087	121.9	16.24	9.95	75.92	75.05	44.33	44.98	0	0.047	26.44	2.213	0.118	13.43
9/13/2013 0:00	35921	6.657	111.7	6.766	9.95	3.448	117.8	15.65	8.16	73.35	72.07	48.97	49.25	0	0.026	26.44	2.239	0.025	13.42
9/13/2013 1:00	35922	6.684	113.4	5.449	11.74	3.013	113.7	13.68	6.368	71.21	69.3	52.93	53.3	0	0.009	26.42	2.4	0.162	12.35
9/13/2013 2:00	35923	6.989	112.2	8.12	9.95	3.602	115.3	15.32	8.16	69.63	68.24	55.77	54.95	0	0.005	26.41	2.365	-0.035	12.66
9/13/2013 3:00	35924	7.634	110.6	14.93	11.74	4.041	115.4	20.28	6.368	68.67	67.32	57.23	56.07	0	0.006	26.4	2.445	0.079	12.73
9/13/2013 4:00	35925	7.311	118.5	6.194	9.95	3.587	119.7	14.52	6.368	68.01	66.45	58.6	57.5	0	0.004	26.38	2.537	0.092	12.31
9/13/2013 5:00	35926	6.851	121.9	6.995	9.95	3.302	124	13.82	6.368	67.14	65.73	60.64	58.98	0	0.001	26.38	2.353	-0.184	12.32
9/13/2013 6:00	35927	6.597	115.8	6.837	9.95	3.007	114.3	15.5	4.578	66.16	64.64	63.01	61.12	0	0.001	26.37	2.334	-0.019	12.27
9/13/2013 7:00	35928	6.217	89.7	12.82	8.16	2.915	87.2	17.61	6.368	64.64	63.17	65.85	63.28	0	0.001	26.37	2.223	-0.111	13.32
9/13/2013 8:00	35929	5.888	67.33	6.66	8.16	3.267	65.57	13.89	6.368	64.48	63.33	67.02	63.71	0	8.29	26.38	2.201	-0.022	13.17
9/13/2013 9:00	35930	5.226	98.2	23.23	8.16	3.359	98.1	30.31	6.368	67.76	68.32	64.92	60.02	0	146.3	26.39	3.298	1.097	12.8
9/13/2013 10:00	35931	8.5	163.4	16.97	17.1	5.494	173	22.36	11.74	74.2	75.38	63.67	59.08	0	357.2	26.43	1.556	-1.741	13.19
9/13/2013 11:00	35932	12.18	173.1	15.4	22.47	7.71	183.6	20.18	18.89	77.58	79.17	54.93	51.51	0	560.2	26.47	0.964	-0.593	13.27
9/13/2013 12:00	35933	13.31	152.6	19.32	24.26	8.43	163.6	25.24	17.1	79.99	82	47.37	44.95	0	684.4	26.49	0.235	-0.729	13.18
9/13/2013 13:00	35934	13.92	149.5	18.5	24.26	8.86	158.8	23.11	18.89	81.8	83.8	41.78	40.29	0	692.4	26.49	-0.187	-0.422	13.16
9/13/2013 14:00	35935	13.8	150.3	17.31	24.26	8.93	160.9	22.43	18.89	84.2	86.5	36.59	35.37	0	843	26.47	-0.726	-0.539	13.12
9/13/2013 15:00	35936	13.74	138.7	20.5	24.26	8.92	149.2	26.27	18.89	85.4	87.7	33.5	32.39	0	730.8	26.45	-0.852	-0.127	13.15
9/13/2013 16:00	35937	15.38	140.7	19.75	29.63	9.82	150.3	24.67	22.47	86.5	88.9	30.63	29.33	0	783.1	26.42	-0.735	0.117	13.22
9/13/2013 17:00	35938	15.04	137.3	20.08	31.42	9.63	148.9	25.43	20.68	86.9	88.9	29.39	28.39	0	616.8	26.4	-0.498	0.238	13.34
9/13/2013 18:00	35939	14.8	128.6	16.21	26.05	9.4	139.3	22.21	20.68	86.8	88.3	27.94	27.19	0	431.8	26.38	-0.292	0.206	13.14
9/13/2013 19:00	35940	14.03	120.3	12.41	22.47	8.91	130.2	19.69	17.1	86.4	87.2	26.29	25.95	0	275.6	26.37	0.342	0.634	13.2
9/13/2013 20:00	35941	11.73	120.4	10.16	20.68	7.098	130.6	17.54	15.31	84.7	84.5	25.92	26.17	0	77.36	26.36	1.769	1.426	13.25
9/13/2013 21:00	35942	7.354	126.4	7.485	13.52	3.649	129.9	14.2	8.16	80.6	79.09	30.81	31.85	0	0.386	26.35	2.247	0.479	13.07
9/13/2013 22:00	35943	7.974	127	7.843	11.74	4.006	132.8	14.58	8.16	77.35	75.85	38.06	39.4	0	0.028	26.35	2.543	0.295	12.96
9/13/2013 23:00	35944	8.15	126.3	7.659	11.74	4.306	132.2	15.13	8.16	75.11	73.91	44.08	44.62	0	0.025	26.35	2.584	0.042	12.87

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/14/2013 0:00	35945	6.716	137.2	6.643	9.95	3.149	140.1	13.84	6.368	74.06	72.53	48.35	48.83	0	0.018	26.35	2.413	-0.171	12.87
9/14/2013 1:00	35946	6.453	129.6	4.269	11.74	2.758	124.7	10.06	6.368	71.9	69.76	53.27	53.69	0	0.006	26.34	2.334	-0.079	12.88
9/14/2013 2:00	35947	8.04	123.4	5.528	11.74	4.014	126.6	13.28	6.368	71.17	69.46	55.69	55.41	0	0.005	26.33	2.67	0.336	12.82
9/14/2013 3:00	35948	8.07	125	5.706	9.95	4.139	128.1	13.12	8.16	70.39	69.02	57.25	56.28	0	0.006	26.32	2.736	0.067	12.9
9/14/2013 4:00	35949	7.863	133.2	6.568	11.74	3.842	138.5	14.41	6.368	69.37	68.09	58.82	57.48	0	0.003	26.32	2.613	-0.124	12.72
9/14/2013 5:00	35950	7.225	139.7	6.798	9.95	3.324	144.6	13.63	6.368	68.49	66.96	60.03	58.83	0	0.005	26.31	2.47	-0.143	12.75
9/14/2013 6:00	35951	6.242	143.3	5.859	8.16	2.171	138.2	11.16	4.578	66.93	64.65	61.86	61.46	0	0.001	26.3	2.337	-0.133	12.83
9/14/2013 7:00	35952	6.389	141.1	5.953	8.16	2.27	134.1	12.45	4.578	66.15	63.71	63.63	63.08	0	0.001	26.3	2.385	0.048	12.88
9/14/2013 8:00	35953	5.469	98.8	38.76	8.16	2.175	71.02	18.79	6.368	65.8	63.53	65.42	64.3	0	9.05	26.31	2.454	0.07	12.84
9/14/2013 9:00	35954	5.61	49.87	8.83	8.16	3.103	50.72	16.16	6.368	66.77	67.4	64.6	59.95	0	150	26.34	1.344	-1.11	12.93
9/14/2013 10:00	35955	6.185	119.3	41.53	13.52	4.271	129.4	47.44	11.74	73.21	74.35	57.16	53.92	0	373.7	26.38	2	0.656	12.91
9/14/2013 11:00	35956	9.94	161.8	15.9	18.89	6.549	172.8	21.64	15.31	77.4	78.89	50.72	48.03	0	553.1	26.43	1.116	-0.885	13.12
9/14/2013 12:00	35957	16.48	155.5	15.48	26.05	10.18	167.7	20.92	18.89	80.3	82.3	39.76	38.45	0	685.9	26.46	-0.323	-1.439	13.24
9/14/2013 13:00	35958	15.86	160.9	14.95	31.42	9.83	172.4	20.12	18.89	81.3	83.3	37.26	35.9	0	688.7	26.46	-0.422	-0.098	13.29
9/14/2013 14:00	35959	14.98	166.3	16.68	34.99	9.53	178.7	21.84	18.89	83.4	85.4	32.39	31.14	0	764.6	26.44	-0.932	-0.51	13.15
9/14/2013 15:00	35960	15.19	170.7	17.89	27.84	9.65	182.9	22.51	20.68	84.9	87	29.1	27.71	0	798.7	26.42	-0.865	0.067	13.35
9/14/2013 16:00	35961	15.22	176	18.41	29.63	9.72	187.5	23.04	22.47	85.7	87.6	28.16	26.94	0	599.4	26.41	-0.612	0.254	13.14
9/14/2013 17:00	35962	15.74	162.9	14.78	26.05	9.65	175	19.66	18.89	85	86.3	28.66	27.88	0	348.5	26.37	-0.39	0.222	13.28
9/14/2013 18:00	35963	15.45	172	13.03	27.84	9.37	184.1	18.75	20.68	85.4	86.3	27.58	27.07	0	306.5	26.36	-0.605	-0.216	13.07
9/14/2013 19:00	35964	15.24	166.8	14.72	24.26	9.25	178.2	19.19	17.1	85.6	86.1	27.62	27.36	0	190.7	26.36	-0.105	0.501	13.25
9/14/2013 20:00	35965	14.59	143.7	9.37	22.47	8.61	156.1	15.69	17.1	83.8	83.6	30.44	30.81	0	32.44	26.36	1.442	1.547	13.2
9/14/2013 21:00	35966	9.16	150.7	7.645	17.1	5.203	161.8	14.4	13.52	82.2	81.7	31.23	31.89	0	0.365	26.35	2.019	0.577	13.31
9/14/2013 22:00	35967	6.6	138.2	12.67	9.95	3.078	143.6	18.14	6.368	79.93	78.58	33.57	35	0	0.066	26.36	2.488	0.469	13.16
9/14/2013 23:00	35968	6.773	123.8	6.173	8.16	2.958	127.4	12.83	6.368	77.17	75.17	37.16	39.25	0	0.04	26.36	2.673	0.184	13.02
9/15/2013 0:00	35969	7.432	131.8	8.26	9.95	3.373	136.3	14.14	6.368	75.19	73.09	40.76	42.84	0	0.016	26.35	2.733	0.061	13.15
9/15/2013 1:00	35970	8.04	165.7	14.76	11.74	4.104	175.9	19.97	8.16	74.08	72.75	40.8	41.97	0	0.019	26.35	2.733	0	13.17
9/15/2013 2:00	35971	8.27	165.6	8.01	13.52	4.036	172.7	14.83	9.95	72.41	71.02	41.63	42.5	0	0.017	26.35	2.701	-0.032	12.88
9/15/2013 3:00	35972	7.128	167.3	10.53	13.52	3.113	175.4	17.43	9.95	71.28	69.8	43.18	43.79	0	0.014	26.34	2.454	-0.247	12.93
9/15/2013 4:00	35973	5.652	149.6	11.33	9.95	1.626	144	16.88	6.368	69.21	66.85	46.9	47.91	0	0.002	26.32	2.321	-0.133	12.56
9/15/2013 5:00	35974	6.231	148.1	11.95	9.95	2.086	142	22.88	4.578	69.03	66.5	47.9	49.04	0	0.001	26.31	2.327	0.006	13
9/15/2013 6:00	35975	6.482	142.9	8.53	9.95	2.935	144.3	14.94	6.368	68.2	66.58	50.77	50.23	0	0.001	26.31	2.705	0.377	12.96
9/15/2013 7:00	35976	6.569	120.8	8.26	8.16	3.5	126.1	14.97	6.368	67.86	66.94	53.95	52.02	0	0.005	26.33	3.123	0.419	12.99
9/15/2013 8:00	35977	6.559	108.2	9.21	11.74	3.887	112.3	17.54	8.16	67.22	66.47	58.96	56.1	0	6.709	26.35	3.266	0.143	12.43
9/15/2013 9:00	35978	8.88	114.9	11.37	13.52	5.652	124.9	18.67	9.95	67.87	67.73	61.69	57.95	0	71.12	26.37	3.63	0.365	12.59
9/15/2013 10:00	35979	12.62	140.3	12.58	24.26	7.644	151.5	18.54	17.1	71.51	72.29	62.29	57.9	0	293.9	26.4	0.672	-2.958	13.1
9/15/2013 11:00	35980	18.29	167.7	12.37	29.63	11.16	178.6	18.1	20.68	76.72	78.04	53.98	50.79	0	506.7	26.44	0.453	-0.219	13.37
9/15/2013 12:00	35981	16.68	174.1	15.09	29.63	10.5	184.4	19.89	20.68	80.7	82.9	45.51	42.84	0	849	26.48	0.219	-0.235	13.29
9/15/2013 13:00	35982	13.15	168.2	19.52	26.05	8.67	180	23.44	20.68	84.5	86.9	38.81	37.16	0	920	26.49	-0.12	-0.339	13.25
9/15/2013 14:00	35983	13.16	162.4	21.31	24.26	8.48	173.9	26.1	22.47	86.1	88.4	33.19	31.87	0	779.6	26.49	-0.558	-0.437	13.46
9/15/2013 15:00	35984	13.25	148	20.23	26.05	8.76	158.9	24.52	20.68	88	90.4	25.63	24.35	0	895	26.48	-0.374	0.184	13.26
9/15/2013 16:00	35985	12.8	154	24	24.26	8.48	164.6	28.74	18.89	88.2	90.1	23.99	22.87	0	627	26.47	-0.539	-0.165	13.44
9/15/2013 17:00	35986	12.24	162.4	23.38	31.42	7.9	173.6	28.3	29.63	88.8	90.5	23.85	22.77	0	573.8	26.45	0.434	0.973	13.46
9/15/2013 18:00	35987	13.25	161.6	13.08	24.26	8.3	172.7	18.24	17.1	87.4	88.3	25.3	24.76	0	289.9	26.44	-0.035	-0.469	13.49
9/15/2013 19:00	35988	11.47	151.6	16.39	20.68	7.031	162.9	21.21	15.31	87.1	87.6	25.06	24.76	0	182.2	26.43	1.617	1.651	13.42
9/15/2013 20:00	35989	10.04	132.1	10.34	15.31	6.072	143.1	16.85	11.74	85.7	85.5	26.41	26.66	0	31.5	26.44	1.594	-0.022	13.49

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/15/2013 21:00	35990	11.94	135.6	11.82	22.47	7.059	146.8	17.09	15.31	84.1	83.7	29.8	30.23	0	0.282	26.44	1.521	-0.073	13.29
9/15/2013 22:00	35991	15.05	151.9	8.84	24.26	8.83	162.4	15.84	17.1	82.5	82.1	31.99	32.43	0	0.092	26.45	-0.574	-2.095	13.45
9/15/2013 23:00	35992	12.4	159.2	8.19	24.26	7.21	169.7	15.04	17.1	80.4	79.94	33.86	34.31	0	0.077	26.46	1.912	2.485	12.96
9/16/2013 0:00	35993	7.588	153.9	7.685	13.52	3.53	161.1	15.21	8.16	77.32	75.92	39.4	40.81	0	0.042	26.46	2.248	0.336	12.91
9/16/2013 1:00	35994	6.86	148.1	5.831	9.95	2.199	139.8	11.6	4.578	74.73	71.49	44.5	47.03	0	0.014	26.44	2.435	0.187	12.96
9/16/2013 2:00	35995	6.295	135.5	11.87	9.95	2.225	124.8	20.94	4.578	72.23	69.43	51.8	52.86	0	0.004	26.43	2.448	0.013	12.97
9/16/2013 3:00	35996	5.94	133.2	13.96	8.16	1.723	109.5	18.08	4.578	71.45	68.39	54.87	55.83	0	0.009	26.42	2.511	0.063	12.95
9/16/2013 4:00	35997	6.569	132.3	5.391	8.16	2.481	121.5	10.51	4.578	69.9	67.45	59.98	59.64	0	0.004	26.42	2.575	0.063	13.06
9/16/2013 5:00	35998	6.01	133.2	16.44	9.95	2.329	126.5	22.25	6.368	68.65	66.89	67.48	65.04	0	0.009	26.42	2.571	-0.003	13.03
9/16/2013 6:00	35999	4.621	148.3	11.89	8.16	0.227	175.7	5.43	4.578	68.07	66.3	73.45	70.56	0	0.003	26.43	2.644	0.073	12.97
9/16/2013 7:00	36000	2.918	164.9	15.84	6.368	0.046	189.3	1.657	2.789	67.18	65.61	78.42	74.62	0	0.002	26.44	2.419	-0.225	12.95
9/16/2013 8:00	36001	3.005	99.2	22.67	4.578	0.295	63.2	2.302	2.789	67.39	65.7	81.2	76.68	0	6.44	26.45	2.603	0.184	13.12
9/16/2013 9:00	36002	3.803	64.9	19.67	6.368	1.415	83.3	17.4	6.368	70.03	70.16	75.55	70.58	0	129.5	26.48	4.201	1.598	13.02
9/16/2013 10:00	36003	8.35	153.5	21.78	15.31	5.511	164.1	27.29	11.74	74.23	75.4	67.3	62.59	0	350.3	26.52	3.195	-1.006	13.3
9/16/2013 11:00	36004	11.71	164.4	14.21	18.89	7.374	175.6	20.22	15.31	77.23	78.91	58.67	54.59	0	565	26.55	0.631	-2.565	13.24
9/16/2013 12:00	36005	13.25	148.7	14.87	22.47	8.49	160.1	21.18	18.89	79.56	81.7	55.06	51.19	0	693.5	26.58	1.293	0.662	13.15
9/16/2013 13:00	36006	13.57	164	16.28	24.26	8.62	175.6	21.11	17.1	79.89	81.9	54.01	50.34	0	578.6	26.59	0.808	-0.485	13.24
9/16/2013 14:00	36007	11.97	154.9	18.07	26.05	7.753	166.8	24.12	17.1	81.2	83.4	51.84	48.44	0	647.4	26.57	-0.181	-0.989	12.97
9/16/2013 15:00	36008	11.48	144.6	20.67	20.68	7.531	154.3	26.73	17.1	81.9	83.6	48.21	46.22	0	484.3	26.55	-0.12	0.06	12.9
9/16/2013 16:00	36009	10.16	146.1	18.88	18.89	6.673	156.7	24.02	13.52	82.1	83.5	46.25	44.79	0	322.4	26.52	0.995	1.116	12.98
9/16/2013 17:00	36010	8.51	128.4	36.72	15.31	5.881	139	42.69	13.52	83.1	84.3	44.16	43.5	0	372.1	26.5	0.865	-0.13	12.88
9/16/2013 18:00	36011	13.51	25.49	13.83	22.47	8.95	26.69	18.8	18.89	79.99	80.9	53.74	51.81	0	315.8	26.48	0.758	-0.108	12.89
9/16/2013 19:00	36012	18.11	63.71	13.38	27.84	11.03	69.65	22.21	22.47	76.26	76.84	60.91	58.14	0	121.8	26.47	0.501	-0.257	13.05
9/16/2013 20:00	36013	15.52	84.2	11.39	27.84	9.42	94.5	21.97	18.89	73.16	73.31	72.13	68.09	0	49.68	26.46	1.747	1.246	12.83
9/16/2013 21:00	36014	14.86	106.4	10.57	26.05	9.79	117.5	19.04	18.89	71.59	71.64	76.57	71.65	0	0.17	26.46	1.896	0.149	12.72
9/16/2013 22:00	36015	15.91	89.2	11.08	26.05	10.16	99.2	21.3	20.68	69.1	68.91	82.5	77.9	0.02	0.011	26.46	1.468	-0.428	12.73
9/16/2013 23:00	36016	13.89	84.9	9.55	20.68	8.32	93.2	19.98	15.31	67.27	66.93	86.6	81.5	0	0.001	26.46	1.42	-0.048	12.72
9/17/2013 0:00	36017	10.07	75.58	61.8	18.89	6.338	86	64.13	15.31	67.12	66.94	88.6	82.7	0	0.007	26.47	1.757	0.336	12.72
9/17/2013 1:00	36018	7.1	67.49	17.07	9.95	4.26	76.4	20.46	8.16	67.25	67.06	89	83	0	0.009	26.47	1.864	0.108	12.78
9/17/2013 2:00	36019	7.826	82.2	9.43	13.52	4.579	90.2	20.59	8.16	67.7	67.4	89.8	84	0	0.011	26.48	2.134	0.27	12.79
9/17/2013 3:00	36020	6.279	97.6	12.79	11.74	3.981	107.2	20.43	8.16	68	67.77	90.7	84.7	0	0.012	26.47	2.311	0.178	12.96
9/17/2013 4:00	36021	5.762	92.5	10.69	9.95	3.676	102.9	20.1	6.368	67.82	67.53	90.6	84.8	0	0.01	26.47	2.286	-0.025	12.94
9/17/2013 5:00	36022	5.494	110.4	11.83	8.16	3.383	121.6	18.57	6.368	67.09	66.83	92	85.8	0	0.014	26.46	2.489	0.203	12.78
9/17/2013 6:00	36023	6.233	124.7	9.78	9.95	3.666	137	15.86	6.368	67.25	66.97	90.8	85.1	0	0.011	26.46	2.711	0.222	12.88
9/17/2013 7:00	36024	5.97	135.3	7.101	9.95	3.303	147.4	14.08	6.368	66.96	66.57	90.4	84.7	0	0.01	26.45	2.359	-0.352	12.56
9/17/2013 8:00	36025	4.48	115.4	9.77	6.368	1.411	116.4	12.07	4.578	65.72	64.91	92.7	86.5	0	5.195	26.45	2.093	-0.266	12.77
9/17/2013 9:00	36026	5.483	107	10.47	9.95	3.734	117.2	18.25	8.16	67.36	67.3	89.5	84.3	0	104.9	26.46	3.307	1.214	12.76
9/17/2013 10:00	36027	8.07	139.9	21.34	13.52	5.135	154.2	25.58	9.95	70.19	70.82	79.8	74.55	0	197.1	26.49	3.377	0.07	12.91
9/17/2013 11:00	36028	12.5	164.5	12.13	20.68	7.803	177.9	18.05	15.31	72.06	72.96	74.43	69.26	0	283.5	26.51	1.094	-2.283	12.91
9/17/2013 12:00	36029	12.87	167.4	12.4	20.68	8.09	180.9	18.23	15.31	73.81	75.07	70.03	64.96	0	382	26.52	1.113	0.019	12.95
9/17/2013 13:00	36030	12.58	165.9	13.05	22.47	7.974	179.4	18.38	15.31	75.44	76.76	65.55	61.14	0	371.7	26.52	1.179	0.067	12.83
9/17/2013 14:00	36031	14.08	157.2	15.66	26.05	8.74	170.5	20.81	17.1	77.11	78.79	60.92	56.87	0	480.5	26.5	0.152	-1.027	13.03
9/17/2013 15:00	36032	14.02	165.5	17.57	24.26	8.93	178.6	21.98	17.1	78.91	80.6	55.16	52.04	0	524.2	26.49	-0.301	-0.453	12.76
9/17/2013 16:00	36033	14.88	169.7	12.71	26.05	9.22	183.3	18.6	18.89	80.4	82	49.26	47.31	0	426.7	26.46	-0.621	-0.32	13.04
9/17/2013 17:00	36034	14.99	170.3	12.63	24.26	9.13	184.1	17.92	17.1	80.3	81.4	48.47	47.21	0	257.2	26.44	-0.415	0.206	12.89

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/17/2013 18:00	36035	16.25	165.8	12.92	24.26	9.81	179.5	17.95	18.89	80.2	81.3	49.55	48.07	0	250.8	26.42	-0.415	0	13.26
9/17/2013 19:00	36036	16.2	170.5	10.24	24.26	9.64	183.5	16.49	18.89	79.25	79.77	51.51	50.31	0	117.1	26.42	0.612	1.027	13.14
9/17/2013 20:00	36037	14.91	166.1	9.91	22.47	8.7	178.4	16.56	15.31	77.81	77.92	56.33	54.84	0	26.94	26.41	1.014	0.403	12.92
9/17/2013 21:00	36038	13.07	154.7	8.86	18.89	7.846	167.6	15.32	15.31	76.39	76.27	59.12	57.55	0	0.209	26.4	1.148	0.133	12.91
9/17/2013 22:00	36039	12.1	150.7	8.75	20.68	7.077	163.7	16.14	11.74	75.41	75.16	61.89	60.08	0	0.058	26.41	1.446	0.298	13.11
9/17/2013 23:00	36040	10.26	149.1	8.47	17.1	5.888	161.5	15.38	11.74	74.13	73.65	63.31	61.53	0	0.044	26.42	1.842	0.397	12.97
9/18/2013 0:00	36041	10.03	150.9	9.33	15.31	5.804	163.3	16.22	11.74	73.3	72.79	64.22	62.19	0	0.036	26.42	1.623	-0.219	12.89
9/18/2013 1:00	36042	13.31	165.7	8.77	22.47	7.63	178.1	15.77	17.1	73.56	73.28	66.99	64.25	0	0.033	26.42	1.268	-0.355	12.63
9/18/2013 2:00	36043	15.57	169.4	9.32	26.05	9.07	181.9	16.69	18.89	71.84	71.78	71.81	67.76	0	0.037	26.42	1.386	0.117	12.87
9/18/2013 3:00	36044	12.6	178.1	9.66	18.89	7.309	191.4	16.44	15.31	69.78	69.76	79.44	73.97	0	0.02	26.41	1.639	0.254	12.84
9/18/2013 4:00	36045	12.72	182.4	8.88	20.68	7.601	195.5	15.24	15.31	69.51	69.43	80.5	75.03	0	0.014	26.39	1.649	0.01	12.86
9/18/2013 5:00	36046	10.08	185.4	9.63	18.89	6.133	198.3	15.97	15.31	69.04	68.95	81.6	75.97	0	0.016	26.37	1.998	0.349	12.99
9/18/2013 6:00	36047	10.34	181.7	9.77	20.68	6.131	194.2	15.63	13.52	68.44	68.33	84.3	78.23	0	0.015	26.36	1.944	-0.054	12.71
9/18/2013 7:00	36048	9.24	173	9.32	15.31	5.353	185.9	16.39	9.95	67.22	66.97	88.6	82.1	0	0.009	26.35	2.051	0.108	12.81
9/18/2013 8:00	36049	9.45	167.5	8.59	15.31	5.322	179.5	15.27	9.95	66.7	66.28	89.8	83.7	0	3.308	26.35	2.128	0.076	12.71
9/18/2013 9:00	36050	10.21	173.4	9.89	20.68	5.979	185.7	15.8	15.31	67.68	67.47	87.8	81.9	0	51.72	26.36	2.403	0.276	12.77
9/18/2013 10:00	36051	13.87	177.9	10.24	20.68	8.56	191.8	15.91	17.1	70.47	70.81	80.1	74.08	0	159.3	26.38	1.122	-1.281	12.6
9/18/2013 11:00	36052	15.19	178.3	13.38	24.26	9.63	190.5	17.8	18.89	74.51	75.85	69.32	63.94	0	492.3	26.42	0.792	-0.33	12.94
9/18/2013 12:00	36053	15.1	190.7	13.96	26.05	10.01	202.8	17.69	18.89	78.13	80.1	58.87	54.65	0	750.4	26.45	0.298	-0.494	13.1
9/18/2013 13:00	36054	14.49	191.2	15.15	24.26	9.51	203.2	18.28	18.89	80.2	82.3	53.13	49.71	0	734.6	26.46	0.279	-0.019	13.23
9/18/2013 14:00	36055	13.85	185.8	17.99	27.84	9.15	198.6	21.12	20.68	82.4	84.5	48.87	46.23	0	784.1	26.44	0.092	-0.187	13.01
9/18/2013 15:00	36056	14.3	183.1	17.71	26.05	9.53	197.6	21.19	22.47	84.3	86.5	44.14	42.27	0	769.7	26.43	-0.051	-0.143	12.92
9/18/2013 16:00	36057	15.74	173.9	18.59	24.26	9.89	188.2	22.29	18.89	84.3	86.4	42.49	41.03	0	658.1	26.4	-0.393	-0.342	13.14
9/18/2013 17:00	36058	15.35	163.3	15.21	24.26	9.43	177.4	20.34	18.89	84.5	86.2	41.53	40.64	0	457.1	26.38	0.206	0.599	13.23
9/18/2013 18:00	36059	17.72	167.2	14.73	29.63	10.8	182.1	19.71	22.47	84.8	86.6	41.3	40.26	0	497.5	26.36	0.041	-0.165	13.11
9/18/2013 19:00	36060	16.43	164.4	13.19	27.84	9.94	178.9	18.27	18.89	83.3	84.2	43.31	42.84	0	234.2	26.35	0.022	-0.019	13.26
9/18/2013 20:00	36061	16.25	158.2	10.51	24.26	9.67	172.7	16.19	18.89	80.6	80.7	48.76	48.41	0	53.69	26.34	0.916	0.894	13.11
9/18/2013 21:00	36062	14.04	155.5	8.98	20.68	8.29	170.2	15.48	17.1	77.91	77.61	53.92	53.21	0	0.254	26.34	1.427	0.511	13.11
9/18/2013 22:00	36063	14.4	163.9	8.53	26.05	8.48	177.5	14.99	17.1	76.73	76.41	58.61	57.32	0	0.051	26.34	1.477	0.051	13.04
9/18/2013 23:00	36064	15.96	167	8.35	29.63	9.26	181.2	14.81	18.89	75.58	75.32	61.93	60.05	0	0.057	26.35	1.398	-0.079	13.02
9/19/2013 0:00	36065	14.78	167.2	8.75	26.05	8.5	181.1	15.36	20.68	74.2	73.87	66.5	63.96	0	0.041	26.35	1.531	0.133	13.02
9/19/2013 1:00	36066	13.81	175.2	9.33	24.26	8.13	189.3	15.47	17.1	73.29	73.03	70.94	67.65	0	0.041	26.34	1.69	0.159	12.26
9/19/2013 2:00	36067	14.11	174.1	9.18	24.26	8.33	186.9	15.71	18.89	72.21	72.01	74.67	70.58	0	0.032	26.33	1.671	-0.019	12.36
9/19/2013 3:00	36068	13.15	173.7	9.24	22.47	7.661	187.4	15.77	15.31	71.05	70.95	80.5	75.34	0	0.025	26.33	1.874	0.203	12.22
9/19/2013 4:00	36069	12.35	169.9	9.9	20.68	7.168	183.2	16.25	17.1	70.41	70.4	83	77.3	0	0.022	26.32	1.753	-0.12	13.13
9/19/2013 5:00	36070	11.46	175.8	9.49	18.89	6.814	188.6	15.65	13.52	69.87	69.93	84.3	78.31	0	0.035	26.32	1.823	0.07	13.08
9/19/2013 6:00	36071	11.21	174.2	10.58	17.1	6.583	187.4	16.66	13.52	69.42	69.5	85.8	79.46	0	0.024	26.31	1.874	0.051	12.84
9/19/2013 7:00	36072	10.67	172.7	9.76	18.89	6.366	185.7	15.86	13.52	69.08	69.12	86.3	80	0	0.022	26.31	1.849	-0.025	12.95
9/19/2013 8:00	36073	12.18	166.4	9.7	20.68	7.281	179.5	15.36	15.31	68.96	68.98	87	80.6	0	3.468	26.32	1.836	-0.013	12.92
9/19/2013 9:00	36074	11.92	170.2	9.56	20.68	7.237	183.1	15.97	15.31	69.11	69.26	87.2	80.6	0	42.18	26.33	1.738	-0.098	13
9/19/2013 10:00	36075	11.1	175.7	8.67	18.89	6.715	188.8	15	13.52	69.18	69.56	89.6	83.5	0.01	142.3	26.34	1.481	-0.257	12.84
9/19/2013 11:00	36076	10.22	185.2	12	17.1	6.168	197.6	15.92	11.74	69.73	69.92	89.5	84.3	0.07	124.7	26.36	1.563	0.082	12.22
9/19/2013 12:00	36077	11.54	156.6	11.78	17.1	6.856	169.5	17.59	13.52	68.62	68.83	94	88	0.14	108.2	26.36	1.186	-0.377	12.28
9/19/2013 13:00	36078	10.67	149.2	12.01	17.1	6.494	162.9	17.53	13.52	70.05	70.24	89.1	85.6	0.02	294.9	26.35	1.779	0.593	12.28
9/19/2013 14:00	36079	10.37	163	14.22	15.31	6.485	175.5	20.11	13.52	73.81	74.59	77.9	74.57	0	435.3	26.35	2.371	0.593	12.2

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/19/2013 15:00	36080	11.66	158.5	13.12	20.68	7.184	172.1	18.75	13.52	74.8	75.65	72.49	69.19	0	296.7	26.35	2.225	-0.146	13.21
9/19/2013 16:00	36081	11.8	92.5	26.5	18.89	7.614	101.1	33.65	15.31	71.3	72.15	80.5	75.48	0	219.4	26.34	1.344	-0.881	13.1
9/19/2013 17:00	36082	11.56	96.6	12.44	20.68	7.815	107.9	21.61	15.31	68.78	69.34	92.1	85.2	0.15	112.4	26.33	1.224	-0.12	13.03
9/19/2013 18:00	36083	8.88	101.4	13.29	15.31	6.045	112.7	21.29	9.95	68.49	68.57	94.8	88.8	0.05	64.14	26.3	1.747	0.523	13.18
9/19/2013 19:00	36084	7.516	116.3	12.12	13.52	4.636	126.8	19.63	9.95	69.26	69	91.3	87.6	0.04	39.28	26.3	2.109	0.361	12.82
9/19/2013 20:00	36085	8.46	140.2	11.81	13.52	5.035	153.3	16.9	9.95	68.41	67.9	88.6	85.5	0	15.07	26.29	1.823	-0.285	12.58
9/19/2013 21:00	36086	6.86	132.1	15.47	13.52	3.724	144.1	19.77	9.95	67.32	66.82	89.5	85.5	0	0.09	26.29	1.921	0.098	12.37
9/19/2013 22:00	36087	6.844	135.9	15.21	15.31	3.913	148.9	18.96	9.95	67.17	66.82	90.1	85.6	0	0.019	26.3	2.388	0.466	12.27
9/19/2013 23:00	36088	8.21	137.2	14.27	15.31	5.003	149.3	19.97	11.74	66.63	66.42	89.8	84.5	0	0.027	26.31	2.359	-0.029	13.31
9/20/2013 0:00	36089	5.862	132	19.85	11.74	3.36	146.4	22.2	8.16	66.13	66.16	93.7	86.8	0	0.046	26.31	2.638	0.279	13.26
9/20/2013 1:00	36090	2.73	65.98	27.17	6.368	1.028	80.9	21.81	4.578	66.15	66.21	95.7	88.5	0	0.157	26.32	2.667	0.029	12.77
9/20/2013 2:00	36091	4.655	60.85	12.75	8.16	2.545	67.03	17.12	6.368	66.21	66.29	96.5	89.4	0	0.135	26.32	2.451	-0.216	12.84
9/20/2013 3:00	36092	4.464	95.8	31.98	8.16	2.673	111.3	34.64	6.368	65.93	66.04	97.3	90.2	0.01	0.212	26.31	2.397	-0.054	13.19
9/20/2013 4:00	36093	5.321	107	14.99	9.95	3.487	124.6	21.35	8.16	65.83	65.91	97.5	90.5	0.01	0.147	26.3	2.197	-0.2	13.1
9/20/2013 5:00	36094	4.255	80.4	13.07	6.368	2.556	92.6	18.93	6.368	66.15	66.06	96.6	90.7	0	0.109	26.31	2.356	0.159	12.87
9/20/2013 6:00	36095	5.608	38.03	12.09	9.95	3.327	41.91	16.62	6.368	66.19	66.08	96.3	90.6	0	0.158	26.3	2.017	-0.339	13.2
9/20/2013 7:00	36096	9.54	31.08	14.19	17.1	5.872	34.83	18.43	13.52	65.74	65.67	96.9	90.3	0.66	0.142	26.31	2.457	0.441	13.14
9/20/2013 8:00	36097	9.37	42.27	12.37	17.1	5.284	46.38	18.02	11.74	65.71	65.53	96.4	90.1	0.02	0.911	26.31	2.048	-0.409	13.27
9/20/2013 9:00	36098	10.42	54.93	13.34	17.1	6.133	63.04	21.96	13.52	66.03	65.82	94.7	89.3	0.01	52.88	26.33	2.245	0.197	12.67
9/20/2013 10:00	36099	12.32	53.46	10.6	18.89	6.923	59.6	19.41	13.52	67.27	67.25	90.9	86.2	0	137	26.34	2.07	-0.174	12.64
9/20/2013 11:00	36100	14.56	51.27	10.1	24.26	8.21	56.03	19.32	18.89	68.02	68.07	87.9	82.8	0	162.7	26.37	1.963	-0.108	12.52
9/20/2013 12:00	36101	15.89	54.66	11.17	26.05	8.96	60.2	20.71	20.68	67.55	67.77	87.8	82.6	0	184.5	26.39	1.994	0.032	12.59
9/20/2013 13:00	36102	18.51	57.94	10.96	29.63	10.98	64.61	20.6	24.26	68.89	69.8	78.11	74.22	0	692.1	26.4	2.251	0.257	12.4
9/20/2013 14:00	36103	18.21	62.93	11.47	27.84	11.1	71.44	21.15	22.47	70.9	72.24	70.11	66.98	0	685.3	26.42	1.192	-1.059	12.37
9/20/2013 15:00	36104	14.96	59.17	15.4	24.26	8.63	64.7	24.07	18.89	72.07	73.41	66.95	64.47	0	630.5	26.42	0.637	-0.555	12.65
9/20/2013 16:00	36105	13.98	49.99	15.88	24.26	8.15	54.39	23.55	18.89	73.61	74.75	61.25	59.99	0	647.6	26.42	1.052	0.415	12.72
9/20/2013 17:00	36106	14.33	51.6	13.82	22.47	8.26	56	21.18	17.1	73.59	74.61	60.25	58.99	0	553.5	26.43	0.967	-0.086	12.75
9/20/2013 18:00	36107	13.08	60.95	14.7	20.68	7.697	67.02	23.67	15.31	71.46	71.76	64.9	62.86	0	108.4	26.42	1.525	0.558	12.72
9/20/2013 19:00	36108	11.43	78.27	12.97	18.89	7.015	88.8	22.96	15.31	70.3	70.55	68	65.29	0	82.3	26.4	1.474	-0.05	12.72
9/20/2013 20:00	36109	10.27	74.55	10.1	17.1	6.38	84	20.87	13.52	69.27	69.15	68.18	65.64	0	23.66	26.4	1.557	0.082	12.69
9/20/2013 21:00	36110	5.793	80.3	11.18	11.74	2.881	93.5	18.46	8.16	66.19	65.51	77.93	74.59	0	0.082	26.39	1.639	0.082	12.58
9/20/2013 22:00	36111	5.531	63.21	7.911	9.95	2.724	76.99	16.21	8.16	65.01	63.89	80.9	78.17	0	0.002	26.4	1.671	0.032	12.66
9/20/2013 23:00	36112	6.762	67.64	9.06	9.95	3.855	79.88	19.2	8.16	63.7	63.01	84.4	79.69	0	0.001	26.4	1.709	0.038	12.63
9/21/2013 0:00	36113	6.832	67.53	8.31	9.95	3.99	77.27	18.92	6.368	62.37	61.84	87.9	82.1	0	0.001	26.4	1.636	-0.073	12.66
9/21/2013 1:00	36114	7.768	67.65	8.62	11.74	4.669	78.28	19.18	8.16	61.25	60.69	89.4	83.5	0	0.001	26.4	1.757	0.121	12.68
9/21/2013 2:00	36115	6.165	62.1	10.61	9.95	3.636	74.69	19.06	6.368	60.35	59.82	90.3	83.9	0	0.001	26.4	1.719	-0.038	12.55
9/21/2013 3:00	36116	4.793	64.8	12.08	8.16	2.468	82.3	18.77	6.368	59.18	58.63	93.4	86	0	0.001	26.39	1.732	0.013	12.5
9/21/2013 4:00	36117	4.271	45.5	23.6	6.368	1.729	49.27	27.56	4.578	58.74	58.09	93.6	86.7	0	0	26.39	1.798	0.067	12.53
9/21/2013 5:00	36118	5.878	23.48	10.35	8.16	4.084	24.59	15.05	8.16	58.24	58	93.8	85.7	0	0	26.37	1.716	-0.082	12.53
9/21/2013 6:00	36119	6.183	19.71	11.29	9.95	4.414	20.81	14.8	8.16	57.37	57.18	94.7	86.1	0	0.001	26.37	1.643	-0.073	12.5
9/21/2013 7:00	36120	5.787	15.84	10.29	9.95	4.067	15.83	15.28	8.16	56.83	56.64	95.1	86.2	0	0.001	26.37	1.716	0.073	12.48
9/21/2013 8:00	36121	5.354	8.45	9.21	8.16	3.766	3.859	13.51	6.368	55.95	55.8	95.8	86.6	0	4.443	26.38	1.875	0.159	12.61
9/21/2013 9:00	36122	6.833	21.56	9.67	9.95	4.935	23.17	14.29	9.95	56.57	56.58	94.3	85.7	0	66.76	26.39	2.189	0.314	12.58
9/21/2013 10:00	36123	5.533	44.65	17.23	8.16	3.668	47.24	22.88	6.368	59.49	59.85	89.3	82.2	0	207.9	26.41	2.328	0.139	12.65
9/21/2013 11:00	36124	4.349	72.37	28.35	8.16	3.116	80.8	38.55	6.368	63.99	64.93	77.64	72.77	0	447.8	26.46	2.495	0.168	12.73

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/21/2013 12:00	36125	2.981	72.13	60.41	8.16	2.031	93.7	60.78	8.16	67.99	68.65	68.06	65.29	0	573	26.5	2.238	-0.258	12.75
9/21/2013 13:00	36126	3.494	199.6	55.16	9.95	2.531	219.1	49.84	8.16	71.76	72.27	61.6	59.39	0	796.6	26.52	2.168	-0.07	12.8
9/21/2013 14:00	36127	3.6	123.3	79.02	8.16	2.798	161.1	82.1	8.16	74.71	75.04	55.31	55.72	0	889	26.51	2.07	-0.098	12.76
9/21/2013 15:00	36128	6.427	136	42.96	13.52	4.7	156.8	49.01	11.74	75.25	76.27	53.98	53.14	0	838	26.49	2.396	0.327	12.6
9/21/2013 16:00	36129	6.324	141.4	37.77	15.31	4.47	159.7	46.76	11.74	77.02	78.03	48.59	48.41	0	800	26.46	2.165	-0.231	12.53
9/21/2013 17:00	36130	6.683	155.8	39.39	13.52	4.772	172.7	42.77	9.95	77.98	79.06	46.85	46.53	0	672.1	26.44	0.586	-1.579	12.77
9/21/2013 18:00	36131	5.489	210.9	32.36	13.52	4.076	220.5	25.87	11.74	78.65	79.23	43.88	44.38	0	435.3	26.41	1.176	0.59	12.62
9/21/2013 19:00	36132	6.771	201.9	23.04	13.52	4.75	212.8	23.58	11.74	78.1	78.55	45.66	46.05	0	288.7	26.39	1.582	0.406	12.47
9/21/2013 20:00	36133	8.17	210.3	10.19	13.52	5.338	218.6	13.14	9.95	75.11	74.84	51.92	52.27	0	58.57	26.37	1.705	0.124	12.55
9/21/2013 21:00	36134	6.237	205.2	7.621	8.16	3.343	212.6	11.23	6.368	71.03	69.99	63.21	63.3	0	0.12	26.34	1.807	0.102	12.5
9/21/2013 22:00	36135	5.407	197.5	7.737	8.16	1.477	200.7	10.4	4.578	68.38	66.38	69.65	71.12	0	0.006	26.33	1.617	-0.19	12.41
9/21/2013 23:00	36136	5.087	198	7.908	8.16	0.731	198.8	5.189	2.789	66.69	64.25	73.25	75.06	0	0.002	26.32	1.576	-0.041	12.55
9/22/2013 0:00	36137	5.732	176.1	10.33	8.16	0.646	168.3	5.954	4.578	64.21	61.63	79.25	80.1	0	0	26.31	1.506	-0.07	12.37
9/22/2013 1:00	36138	5.206	161.6	7.061	8.16	0.548	159.8	6.025	4.578	62.41	60.38	84.2	82.4	0	0	26.29	1.456	-0.051	12.35
9/22/2013 2:00	36139	4.902	168.3	6.165	8.16	0.619	166.1	5.288	4.578	61.44	59.31	85.8	83.9	0	0	26.28	1.459	0.003	12.66
9/22/2013 3:00	36140	4.102	165.8	10.24	6.368	0.03	174.4	1.691	2.789	60.21	58.26	88.1	85.1	0	0	26.27	1.462	0.003	12.39
9/22/2013 4:00	36141	3.998	154	8.29	6.368	0.015	160.9	1.039	2.789	59.3	57.42	89.5	85.9	0	0	26.25	1.713	0.251	12.3
9/22/2013 5:00	36142	4.011	152.4	11.5	6.368	0.163	159.3	2.942	2.789	58.9	57	89.3	86.1	0	0	26.23	1.462	-0.251	12.3
9/22/2013 6:00	36143	3.383	155.8	21.29	6.368	0.015	200.7	1.019	2.789	58.36	56.58	90.4	86.3	0	0	26.22	1.288	-0.174	12.58
9/22/2013 7:00	36144	1.797	168.1	15.81	4.578	0	0	0	0	58.16	56.23	90.5	86.8	0	0	26.22	1.247	-0.041	12.61
9/22/2013 8:00	36145	3.592	166.1	15.59	6.368	0.005	174.8	1.424	2.789	58.16	56.06	90.9	86.7	0	6.535	26.22	1.231	-0.016	12.67
9/22/2013 9:00	36146	4.562	176	23.56	9.95	1.733	179.5	15.15	8.16	60.18	60	88.7	83.4	0	149.8	26.24	2.369	1.138	12.67
9/22/2013 10:00	36147	10.5	170.1	9.92	15.31	6.424	183.3	16.57	11.74	65.06	65.71	77.56	72.75	0	362.7	26.28	1.671	-0.698	12.8
9/22/2013 11:00	36148	10.93	179.1	12.76	15.31	7.078	192.6	17.98	13.52	70.43	71.53	58.03	55.83	0	574.3	26.33	1.759	0.088	12.91
9/22/2013 12:00	36149	12.26	201.6	13.97	18.89	8.41	212	16.31	15.31	74.65	75.71	38.86	39.61	0	746.3	26.36	2.222	0.463	12.79
9/22/2013 13:00	36150	12.49	191.4	15.82	20.68	8.36	203	18.51	17.1	77.08	78.4	29.85	30.31	0	866	26.37	0.529	-1.693	12.73
9/22/2013 14:00	36151	10.51	168	23.34	20.68	7.019	180.6	27.34	15.31	78.67	80.2	27.72	27.81	0	920	26.36	0.339	-0.19	12.7
9/22/2013 15:00	36152	11.63	160.7	22.76	24.26	7.666	174.2	27	17.1	79.86	81.6	26.45	26.3	0	903	26.33	0.254	-0.086	12.77
9/22/2013 16:00	36153	14.43	165.3	16.03	26.05	9.1	179.2	21.96	18.89	80.8	82.6	23.69	23.37	0	821	26.31	-0.621	-0.875	12.8
9/22/2013 17:00	36154	14.42	164.5	16.73	26.05	8.83	178.3	20.63	22.47	81.5	82.9	20.59	20.14	0	680.7	26.28	-0.694	-0.073	12.55
9/22/2013 18:00	36155	15.05	165.9	14.32	22.47	9.22	180.4	19.33	18.89	81.4	82.6	18.98	18.3	0	490.5	26.25	-0.995	-0.301	12.75
9/22/2013 19:00	36156	15.07	170.3	11.73	26.05	8.98	184.6	16.99	20.68	80.3	80.8	22.5	22.17	0	267.7	26.24	-0.97	0.025	12.63
9/22/2013 20:00	36157	12.92	170.2	9.96	20.68	7.457	183.3	16.39	15.31	77.3	76.66	26.89	27.55	0	53.06	26.22	1.617	2.587	12.64
9/22/2013 21:00	36158	8.58	152.7	10.87	17.1	4.338	162.7	17.49	11.74	72.42	70.86	35.39	37.62	0	0.116	26.2	1.243	-0.374	12.74
9/22/2013 22:00	36159	9	139.1	6.704	15.31	4.465	149.1	14.5	8.16	68.22	66.4	43.75	45.85	0	0.008	26.19	1.541	0.298	12.52
9/22/2013 23:00	36160	8.72	142.5	9.07	15.31	4.576	151.9	15.75	9.95	66.59	65.21	46.48	47.13	0	0.006	26.18	1.449	-0.092	12.75
9/23/2013 0:00	36161	9.84	144.2	8.74	17.1	5.457	156.5	15.14	9.95	65.22	64.11	49.35	48.99	0	0.005	26.16	1.506	0.057	12.72
9/23/2013 1:00	36162	8.61	153.3	7.849	17.1	4.585	165	15.35	9.95	64.31	63.13	50.11	49.76	0	0.007	26.15	1.475	-0.032	12.53
9/23/2013 2:00	36163	7.735	163.2	9.66	13.52	3.976	176.1	15.89	8.16	62.76	61.49	51.89	51.45	0	0.001	26.13	1.338	-0.136	12.62
9/23/2013 3:00	36164	12.61	173.3	8.69	20.68	7.207	187.1	15.04	15.31	64.62	63.8	44.84	44.39	0	0.001	26.13	1.367	0.029	12.76
9/23/2013 4:00	36165	11.82	174.3	8.96	20.68	6.798	187.9	15.31	15.31	64.41	63.7	45.58	44.7	0	0.004	26.13	1.224	-0.143	12.66
9/23/2013 5:00	36166	12.61	182.3	9.02	20.68	7.542	196.8	14.79	15.31	63.83	63.21	49.07	47.45	0	0.003	26.13	1.322	0.098	12.55
9/23/2013 6:00	36167	12.03	183.7	8.97	20.68	7.139	197.3	14.81	15.31	63.02	62.43	52.42	50.2	0	0.003	26.13	1.617	0.295	12.33
9/23/2013 7:00	36168	8.27	190.3	8.13	11.74	4.867	203.1	13.47	8.16	61.62	60.87	56.28	53.92	0	0.003	26.13	1.804	0.187	12.38
9/23/2013 8:00	36169	6.804	195	7.643	11.74	3.8	206.9	12.57	8.16	60.25	59.26	60.31	57.9	0	4.943	26.12	1.811	0.006	12.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/23/2013 9:00	36170	6.788	219.2	16.07	11.74	4.812	228.5	15.52	11.74	62.14	62	58.51	54.77	0	134	26.14	2.083	0.273	12.76
9/23/2013 10:00	36171	7.784	252.3	12.56	13.52	6.425	254.3	13.98	11.74	66.14	66.29	52.83	50.24	0	346.1	26.2	1.855	-0.229	12.68
9/23/2013 11:00	36172	7.477	282.8	22.66	13.52	5.871	282.4	25.43	11.74	71.83	72.52	46.4	45.06	0	563	26.25	0.983	-0.872	12.72
9/23/2013 12:00	36173	9.06	310.4	15.97	17.1	7.271	312	18.39	13.52	76.88	77.33	35.78	36.46	0	737.2	26.29	1.233	0.25	12.78
9/23/2013 13:00	36174	10.24	318	21.56	20.68	8.33	317.8	24.27	17.1	80.4	81	26.08	26.47	0	859	26.31	0.738	-0.495	12.7
9/23/2013 14:00	36175	10.82	310.3	20.59	22.47	8.89	311.4	22.2	20.68	82.5	83.1	22.65	22.83	0	914	26.31	0.691	-0.048	12.77
9/23/2013 15:00	36176	10.4	284.5	25.97	22.47	8.35	285.1	27.98	18.89	84.5	85.3	18.63	18.5	0	902	26.3	0.729	0.038	12.68
9/23/2013 16:00	36177	11.55	278.7	16.29	22.47	9.24	279.3	19.03	18.89	85.4	86.3	17.33	16.94	0	819	26.29	1.287	0.558	12.6
9/23/2013 17:00	36178	10.91	281.9	25.52	20.68	8.85	281.8	27.89	15.31	86.2	86.8	17.13	16.82	0	673.7	26.29	1.391	0.105	12.66
9/23/2013 18:00	36179	11.38	294.9	18.41	20.68	9.13	295.1	19.77	17.1	86.3	86.8	17.04	16.65	0	480.7	26.28	1.553	0.162	12.68
9/23/2013 19:00	36180	12.61	302.9	11.24	20.68	10.01	304.3	13.31	17.1	85	85.1	18.28	18.05	0	260.5	26.28	1.746	0.193	12.68
9/23/2013 20:00	36181	8.64	322.2	8.45	13.52	6.223	323.4	9.33	11.74	82.1	81.2	22.06	23.27	0	47.83	26.27	1.816	0.07	12.62
9/23/2013 21:00	36182	8.74	334	5.676	11.74	5.715	335.7	8.5	8.16	77.88	75.58	25.93	29.11	0	0.116	26.27	1.553	-0.263	12.55
9/23/2013 22:00	36183	6.957	329.9	7.282	9.95	3.639	332.9	17.99	6.368	75.91	72.1	25.45	31.39	0	0.021	26.28	1.642	0.089	12.63
9/23/2013 23:00	36184	8.66	342.8	15.32	15.31	4.911	342.8	20.5	13.52	72.85	69.75	26.48	30.85	0	0.008	26.28	0.923	-0.72	12.54
9/24/2013 0:00	36185	10.93	341.9	8.42	17.1	7.469	339.5	11.27	13.52	73.13	71.28	24.22	25.56	0	0.009	26.3	1.16	0.238	12.68
9/24/2013 1:00	36186	8.76	334.8	5.791	18.89	5.743	334.4	8.53	15.31	71.07	68.84	27.3	29.39	0	0.007	26.3	1.36	0.2	12.56
9/24/2013 2:00	36187	8.87	332.9	5.893	13.52	6.08	331.5	8.31	9.95	67.83	66.1	31.21	32.55	0	0.001	26.3	1.763	0.403	12.74
9/24/2013 3:00	36188	10.36	330.7	5.629	15.31	7.219	329.1	8.06	11.74	64.89	63.47	35.5	36.27	0	0.001	26.29	1.88	0.118	12.23
9/24/2013 4:00	36189	11.98	331.7	5.866	17.1	8.83	330.3	8.13	13.52	63.77	62.74	37.19	37.16	0	0.001	26.29	1.449	-0.431	12.65
9/24/2013 5:00	36190	11	340.2	9.16	17.1	8.03	338.2	11.02	13.52	63.15	62.22	39.69	39.33	0	0.003	26.29	1.23	-0.219	12.63
9/24/2013 6:00	36191	9.86	341.9	8.74	13.52	7.122	338.8	11.19	13.52	60.93	60.2	45.14	43.57	0	0.001	26.3	1.173	-0.057	12.66
9/24/2013 7:00	36192	10.48	357.6	10.45	20.68	7.113	353.4	15.05	18.89	59.54	58.87	50.35	47.87	0	0	26.3	1.64	0.466	12.57
9/24/2013 8:00	36193	13.28	20.22	10.13	18.89	9.44	22.4	14.18	17.1	58.67	58.4	54.13	50.22	0	4.787	26.32	1.795	0.155	12.46
9/24/2013 9:00	36194	12.65	30.45	9.4	20.68	7.764	34.23	14.11	17.1	60.34	60.43	59.03	54.59	0	140.4	26.35	1.757	-0.038	12.55
9/24/2013 10:00	36195	13.18	45.03	10.51	18.89	7.352	47.88	16.54	15.31	65.57	66.18	54.57	51.41	0	357.3	26.4	1.674	-0.083	12.35
9/24/2013 11:00	36196	13.18	53.03	10.76	18.89	7.511	56.19	18.73	15.31	70.54	71.5	47.97	46.36	0	569.4	26.45	1.157	-0.517	12.71
9/24/2013 12:00	36197	10.97	65.86	15.99	17.1	6.874	72.05	25.24	13.52	75.33	76.86	40.82	40.66	0	741	26.49	0.821	-0.336	12.69
9/24/2013 13:00	36198	8.52	67.47	16.81	15.31	5.822	75.87	28.02	11.74	79.36	80.9	32.98	33.53	0	857	26.51	0.837	0.016	12.75
9/24/2013 14:00	36199	5.937	77.22	33.64	13.52	4.315	88.2	43.38	11.74	83.3	84.3	26.77	27.78	0	909	26.52	1.271	0.434	12.72
9/24/2013 15:00	36200	6.658	46.71	31.21	13.52	4.559	46.34	38.87	9.95	84.8	85.6	22.26	23.04	0	889	26.5	0.368	-0.903	12.73
9/24/2013 16:00	36201	6.119	95	39.3	15.31	4.381	108.1	49.43	11.74	86.1	87	20.98	21.4	0	804	26.48	1.252	0.884	12.7
9/24/2013 17:00	36202	5.646	89.6	50.98	13.52	3.987	102	60.01	11.74	86.2	86.8	20.86	21.07	0	658.3	26.46	1.816	0.564	12.83
9/24/2013 18:00	36203	5.796	85.4	44.17	13.52	4.035	92.4	49.61	9.95	86.3	86.9	20.95	21.18	0	466.5	26.44	1.807	-0.009	12.75
9/24/2013 19:00	36204	6.055	119.7	24.94	9.95	4.274	137.7	31.9	8.16	84.6	85	21.6	21.83	0	248	26.43	2.082	0.276	12.73
9/24/2013 20:00	36205	6.609	122.4	10.16	9.95	3.312	135.9	16.44	8.16	80.9	79.49	26.03	28.38	0	43.61	26.41	1.927	-0.155	12.7
9/24/2013 21:00	36206	6.81	109.3	5.16	9.95	2.954	106.7	13.38	4.578	75.09	71.5	32.75	38.19	0	0.09	26.38	1.477	-0.45	12.68
9/24/2013 22:00	36207	7.993	111.9	7.617	11.74	4.047	120.9	16.74	8.16	72.57	70.13	36.21	39.64	0	0.009	26.36	1.633	0.155	12.38
9/24/2013 23:00	36208	8.88	111.4	6.833	11.74	4.667	121.9	15.97	8.16	71.37	69.73	36.54	38.47	0	0.009	26.35	1.576	-0.057	12.28
9/25/2013 0:00	36209	8.74	111	7.109	11.74	4.775	122.9	15.76	8.16	70.32	68.79	37.63	39.22	0	0.01	26.34	1.604	0.029	12.62
9/25/2013 1:00	36210	7.589	110.4	7.727	15.31	3.881	120.8	17.03	8.16	68.63	66.77	40.54	42.3	0	0.005	26.33	1.953	0.349	12.62
9/25/2013 2:00	36211	7.33	102.4	8.59	13.52	3.855	105.5	18.72	9.95	66.52	64.37	46.47	47.75	0	0.004	26.32	1.966	0.013	12.4
9/25/2013 3:00	36212	10.7	121	7.767	15.31	6.168	134.6	15.07	9.95	66.68	65.6	52.01	50.89	0	0.005	26.31	2.071	0.105	12.53
9/25/2013 4:00	36213	8.63	120.6	7.963	13.52	4.654	131	15.58	8.16	64.93	63.69	57.36	55.95	0	0.003	26.3	2.048	-0.022	12.53
9/25/2013 5:00	36214	7.18	112	7.076	9.95	3.73	119.8	15.04	6.368	62.84	61.38	61.2	59.61	0	0.001	26.28	2.214	0.165	12.53

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/25/2013 6:00	36215	7.364	126.8	10.68	9.95	3.4	134.7	17.89	6.368	62.25	60.3	61.02	60.57	0	0.001	26.26	2.258	0.044	12.53
9/25/2013 7:00	36216	5.105	116.5	14.56	8.16	1.716	117.1	20.25	4.578	60.78	58.81	63.98	62.63	0	0	26.26	1.703	-0.555	12.52
9/25/2013 8:00	36217	5.623	106.2	8.64	8.16	2.864	100.1	14.6	4.578	59.05	57.01	68.7	67.01	0	4.155	26.25	1.662	-0.041	12.58
9/25/2013 9:00	36218	4.952	134.1	19.02	8.16	2.438	139.3	27.22	6.368	63.48	63.26	59.12	56.83	0	137.2	26.26	3.175	1.513	12.73
9/25/2013 10:00	36219	7.94	178.4	12.86	13.52	5.192	194.4	18.33	9.95	71.56	72.22	39.68	39.55	0	356.6	26.31	2.933	-0.242	12.68
9/25/2013 11:00	36220	11.36	187.5	11.05	17.1	7.473	202.3	15.51	13.52	77.26	78.12	30.55	30.66	0	571.7	26.36	0.888	-2.045	12.75
9/25/2013 12:00	36221	12.21	194.7	13.94	20.68	8.15	208.7	17.16	15.31	81.5	82.7	24.31	24.13	0	745.2	26.38	1.287	0.399	12.81
9/25/2013 13:00	36222	12.06	197.3	16.02	20.68	8.3	211	17.6	15.31	84.2	85.4	19.84	19.4	0	865	26.38	0.929	-0.358	12.66
9/25/2013 14:00	36223	11.05	197.5	22.66	22.47	7.663	210.5	24.19	17.1	86.6	87.8	17.26	16.71	0	918	26.36	1.157	0.228	12.55
9/25/2013 15:00	36224	10.04	207	18.93	20.68	7.264	219	19.59	17.1	88.5	89.5	16.3	16.13	0	898	26.34	1.334	0.177	12.68
9/25/2013 16:00	36225	9.52	223	24.19	18.89	7.282	232.4	22.64	15.31	89.5	90.1	15.99	16.07	0	809	26.31	0.967	-0.368	12.66
9/25/2013 17:00	36226	11.45	209.3	18.92	22.47	8.16	220.2	19.15	18.89	89.9	90.7	16.15	16.06	0	659.7	26.29	0.878	-0.089	12.78
9/25/2013 18:00	36227	11.77	201.7	13.76	22.47	7.985	213.6	15.68	15.31	90.1	90.9	16.03	15.51	0	462.3	26.28	1.233	0.355	12.77
9/25/2013 19:00	36228	11.32	194.6	14.58	20.68	7.181	208	17.14	18.89	89.5	89.7	16.64	16.62	0	243.5	26.25	1.895	0.663	12.78
9/25/2013 20:00	36229	9.09	174.5	10.06	17.1	4.559	187.6	15.26	11.74	85.8	84.3	19.5	20.82	0	40.12	26.24	1.553	-0.342	12.81
9/25/2013 21:00	36230	7.745	150.5	9.25	9.95	2.479	148.6	14.04	4.578	79.09	74.84	25.37	30.39	0	0.076	26.21	1.959	0.406	12.61
9/25/2013 22:00	36231	9.42	146.1	7.321	17.1	4.369	157.1	15.3	11.74	76.86	74.46	27.99	30.55	0	0.02	26.19	1.807	-0.152	12.8
9/25/2013 23:00	36232	15.68	160.4	8.79	26.05	8.72	175.6	17.11	18.89	77.07	76.18	36.61	37.61	0	0.031	26.19	1.351	-0.457	12.71
9/26/2013 0:00	36233	15.84	169.4	8.96	26.05	8.71	186.1	16.99	18.89	76.51	75.8	39.82	41.07	0	0.048	26.2	1.376	0.025	12.78
9/26/2013 1:00	36234	14.86	169.4	8.84	22.47	8.09	186	16.94	17.1	74.21	73.56	47.59	47.59	0	0.038	26.2	1.855	0.479	12.72
9/26/2013 2:00	36235	11.64	173.5	9.38	18.89	6.336	191.3	17.81	13.52	72.27	71.53	53.93	53.18	0	0.022	26.19	2.216	0.361	12.69
9/26/2013 3:00	36236	9.16	179.6	9.32	15.31	4.984	198.2	16.59	9.95	70.73	69.82	57.14	56.14	0	0.007	26.18	2.365	0.149	12.68
9/26/2013 4:00	36237	7.865	172.3	10.17	13.52	4.19	189.8	17.33	9.95	69.28	68.26	60.13	58.83	0	0.006	26.17	2.441	0.076	12.7
9/26/2013 5:00	36238	7.951	173.2	8.55	13.52	3.887	190.8	16.78	8.16	67.66	66.48	63.73	62.09	0	0.002	26.16	2.508	0.067	12.68
9/26/2013 6:00	36239	8.77	173.5	9.18	13.52	4.603	192.1	17.13	9.95	66.95	66	65.05	62.78	0	0.003	26.15	2.435	-0.073	12.58
9/26/2013 7:00	36240	6.606	183.2	9.37	9.95	3.263	204.2	15.73	8.16	65.54	64.48	67.81	65.24	0	0.003	26.16	2.492	0.057	12.75
9/26/2013 8:00	36241	4.865	195.7	11.62	8.16	1.17	217.8	11.14	4.578	64.26	62.44	70.43	68.84	0	3.952	26.17	2.35	-0.143	12.21
9/26/2013 9:00	36242	5.464	184.5	12.54	11.74	2.655	198.7	13.67	8.16	66.47	66.17	67.24	63.6	0	122.3	26.18	3.732	1.382	12.55
9/26/2013 10:00	36243	10.03	191.4	9.39	15.31	6.46	205.2	14.21	11.74	73.25	73.83	53.48	51.65	0	316.2	26.24	3.484	-0.248	12.34
9/26/2013 11:00	36244	10.46	195.2	13.1	17.1	7.035	208.6	16.51	13.52	78.34	79.4	42.62	42.28	0	543.8	26.29	1.604	-1.88	12.83
9/26/2013 12:00	36245	9.72	205.4	14.81	15.31	6.986	217.4	15.8	11.74	83.5	84.5	33.23	33.6	0	714.1	26.32	1.772	0.168	12.7
9/26/2013 13:00	36246	9.48	209.5	18.25	15.31	6.968	220.8	18.69	11.74	87.4	88.2	28.66	28.86	0	831	26.33	1.195	-0.577	12.6
9/26/2013 14:00	36247	9.05	212.3	22.06	18.89	6.87	224.6	23.07	15.31	90.3	91	25.46	25.67	0	884	26.33	1.024	-0.171	12.71
9/26/2013 15:00	36248	11.03	194.9	23.09	20.68	7.575	206.8	23.91	15.31	92.3	93.6	22.24	22.13	0	870	26.31	0.387	-0.637	12.41
9/26/2013 16:00	36249	13.3	186.7	20.2	27.84	8.73	200.9	22.22	18.89	93.2	94.7	18.09	17.66	0	784.6	26.29	0.146	-0.241	12.97
9/26/2013 17:00	36250	14.32	188.5	15.54	24.26	9.26	202.5	18.68	17.1	93.2	94.5	16	15.46	0	646.1	26.28	-0.019	-0.165	12.93
9/26/2013 18:00	36251	14.18	191.6	18.54	24.26	9.14	204.6	20.47	17.1	93.1	94	14.17	13.5	0	457.1	26.27	-0.181	-0.162	12.93
9/26/2013 19:00	36252	14	180	14.86	20.68	8.51	194.3	18.53	15.31	91.8	92.1	16.81	16.48	0	236.6	26.25	0.986	1.166	13.08
9/26/2013 20:00	36253	12.79	148.3	10.5	20.68	7.505	163.8	15.83	13.52	87.6	86.9	21.04	21.25	0	24.51	26.24	1.617	0.631	12.97
9/26/2013 21:00	36254	12.2	142.6	7.898	17.1	7.013	158.2	14.56	13.52	82.6	81.7	30.34	31.11	0	0.1	26.23	1.667	0.051	12.88
9/26/2013 22:00	36255	12.85	144.3	8.49	18.89	7.365	159.2	14.81	13.52	79.69	78.94	38.65	39.51	0	0.063	26.23	1.563	-0.105	13.02
9/26/2013 23:00	36256	14.36	152.9	8.69	24.26	8.43	166.8	15.16	20.68	77.53	76.94	48.97	48.86	0	0.062	26.24	1.677	0.114	13.01
9/27/2013 0:00	36257	13.7	150.2	8.47	22.47	8.01	164.9	15.25	17.1	75.42	74.86	53.68	52.96	0	0.049	26.24	1.731	0.054	12.99
9/27/2013 1:00	36258	12.66	154.2	8.93	20.68	7.257	169.1	16.23	15.31	73.7	73.08	57.2	55.95	0	0.041	26.24	1.788	0.057	12.97
9/27/2013 2:00	36259	12.73	158.6	8.95	22.47	7.484	172.8	15.42	15.31	72.83	72.2	59.06	57.5	0	0.031	26.22	1.709	-0.079	12.95

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/27/2013 3:00	36260	13.19	164	8.68	22.47	7.591	178.7	14.99	17.1	72.29	71.7	61.77	59.76	0	0.031	26.22	1.887	0.178	12.37
9/27/2013 4:00	36261	11.86	166.6	8.87	18.89	6.802	181.6	15.22	15.31	71.28	70.67	65.55	63	0	0.014	26.2	2.137	0.25	12.39
9/27/2013 5:00	36262	10.38	164	8.34	17.1	5.962	178.2	14.71	11.74	70.06	69.4	68.15	65.24	0	0.019	26.19	2.258	0.12	12.95
9/27/2013 6:00	36263	10.06	159.7	10.02	15.31	5.768	173.2	16.07	9.95	69.1	68.43	69.91	66.7	0	0.012	26.18	2.305	0.048	12.2
9/27/2013 7:00	36264	8.55	179	12.11	13.52	4.697	193	17.64	9.95	68.19	67.38	72.54	69.07	0	0.01	26.19	2.635	0.33	12.37
9/27/2013 8:00	36265	7.499	183.8	16.49	13.52	4.27	199.7	19.83	8.16	66.94	66.15	77.02	72.75	0	4.677	26.19	2.682	0.048	13.12
9/27/2013 9:00	36266	7.215	181.3	19.62	15.31	4.289	194	21.14	11.74	68.69	68.75	75.48	70.01	0	120.1	26.21	2.727	0.044	12.96
9/27/2013 10:00	36267	12.24	188.9	12.44	18.89	7.815	201.9	16.37	15.31	72.24	73.06	69.09	64.15	0	324.2	26.25	1.75	-0.977	12.88
9/27/2013 11:00	36268	10.44	196.2	13.41	17.1	7.242	208.2	16.2	13.52	75.94	77.14	61.57	57.66	0	528	26.29	1.651	-0.099	13.02
9/27/2013 12:00	36269	8.65	195.5	18.53	15.31	6.277	205.9	20.41	13.52	80.2	81.3	51.63	49.63	0	696.7	26.31	1.417	-0.235	12.96
9/27/2013 13:00	36270	8.45	192.1	24.83	17.1	5.933	203.5	26.51	17.1	83.8	85.1	43.88	42.88	0	793.9	26.32	1.398	-0.019	12.92
9/27/2013 14:00	36271	10.23	203	22.29	22.47	7.072	214.2	23.15	17.1	86.5	88.2	38.05	37.42	0	888	26.31	1.226	-0.171	12.94
9/27/2013 15:00	36272	12.41	192.1	19.03	24.26	8.37	203.6	20.85	18.89	88.2	90	34.84	34.28	0	837	26.29	0.757	-0.469	12.83
9/27/2013 16:00	36273	12.35	204.5	20.13	22.47	8.39	214.7	19.92	17.1	89	90.4	32.95	32.68	0	617.7	26.27	1.008	0.25	12.84
9/27/2013 17:00	36274	13.25	199.9	19.34	24.26	8.76	210.3	19.76	17.1	89.4	90.7	33.29	33.03	0	567.8	26.25	1.109	0.101	12.97
9/27/2013 18:00	36275	12.94	182.3	18.22	22.47	8.22	195.3	20.46	15.31	88.2	88.9	35.01	35.42	0	229.2	26.23	0.602	-0.507	12.95
9/27/2013 19:00	36276	19.27	175.3	10.74	33.21	11.4	189.6	15.91	22.47	84.5	84.9	46.14	45.52	0	101.5	26.22	1.417	0.815	12.93
9/27/2013 20:00	36277	17.51	161.1	8.58	27.84	10.32	175.9	14.85	18.89	78.89	78.84	58.82	57.06	0	14.18	26.21	1.858	0.441	12.91
9/27/2013 21:00	36278	12.42	159.5	8.9	24.26	7.291	174.6	15.03	17.1	75.53	75.22	67.22	64.58	0	0.074	26.19	2.229	0.371	13.04
9/27/2013 22:00	36279	15.06	165.4	9.95	24.26	8.82	179.4	15.79	18.89	75.65	75.39	70.49	67.37	0	0.048	26.21	1.89	-0.339	12.95
9/27/2013 23:00	36280	13.67	166.8	11.17	24.26	8.01	181.3	16.8	17.1	73.67	73.37	73.91	70.19	0	0.048	26.22	1.956	0.067	13.06
9/28/2013 0:00	36281	13.24	241.2	48.84	36.78	7.585	244.5	45.46	24.26	71.14	70.69	76.17	72.58	0.19	0.045	26.25	1.544	-0.412	12.93
9/28/2013 1:00	36282	7.483	151.2	80.3	18.89	4.072	176.2	71.29	11.74	68.39	67.14	87.6	86.1	0.68	0.006	26.26	1.734	0.19	13.1
9/28/2013 2:00	36283	9.59	154.1	20.87	22.47	5.413	166.7	24.76	15.31	69.3	68.46	87.7	84.9	0.14	0.126	26.24	1.883	0.149	12.96
9/28/2013 3:00	36284	11	66.25	89.2	29.63	7.668	8.01	94.5	24.26	68.37	67.88	86.8	83.2	0.01	0.103	26.25	1.979	0.095	12.92
9/28/2013 4:00	36285	16.71	9.78	15.04	29.63	11.7	9.12	17.37	26.05	59.01	58.93	82.5	77.53	0.13	0.008	26.28	2.08	0.102	13.08
9/28/2013 5:00	36286	12.86	19.45	10.07	22.47	9.35	19.89	15.24	18.89	58.36	58.18	73.12	68.95	0	0.001	26.26	2.487	0.406	13.01
9/28/2013 6:00	36287	10.43	358.4	12.34	18.89	7.37	355.2	13.72	13.52	60.4	60.1	68.91	66.39	0	0.004	26.27	2.715	0.228	12.98
9/28/2013 7:00	36288	13.55	349.6	9.78	22.47	9.93	345.6	11.93	17.1	61.42	60.92	48.59	49.49	0	0.003	26.3	1.896	-0.818	12.79
9/28/2013 8:00	36289	13.22	356.3	9.02	20.68	9.45	352	13.53	17.1	60.97	60.59	49.67	49.37	0	0.558	26.33	1.402	-0.495	13.14
9/28/2013 9:00	36290	13.56	1.938	8.48	22.47	9.58	357.9	13.31	18.89	60.77	60.6	49.08	48.24	0	92.1	26.35	1.142	-0.26	13.09
9/28/2013 10:00	36291	17.49	17.89	11.84	29.63	12.43	17.99	16.37	24.26	61.69	62.07	51.17	48.98	0	336.2	26.39	0.878	-0.263	13.16
9/28/2013 11:00	36292	18.17	34.63	11.76	27.84	10.87	36.72	17.18	22.47	62.76	63.29	62.47	58.74	0	543.9	26.44	1.107	0.228	12.98
9/28/2013 12:00	36293	15.92	50.32	14.14	26.05	9.09	54.64	22.02	20.68	64.16	65.25	62.02	58.69	0	712.8	26.5	1.037	-0.07	13.01
9/28/2013 13:00	36294	15.53	51.81	14.91	24.26	9.14	56.2	23.02	20.68	65.31	66.57	56.21	53.99	0	829	26.52	0.45	-0.587	13.08
9/28/2013 14:00	36295	12.75	60.96	19.28	22.47	7.673	67.11	28.55	18.89	66.91	68.54	51.1	49.96	0	879	26.53	0.862	0.412	13
9/28/2013 15:00	36296	12.09	59.47	16.67	20.68	7.353	63.21	25.51	15.31	68.97	70.65	45.84	45.74	0	862	26.53	0.681	-0.181	13.19
9/28/2013 16:00	36297	10.41	59.04	19.49	18.89	6.543	64.67	28.35	13.52	70.58	72.07	42.88	43.36	0	776.7	26.51	0.824	0.143	13.26
9/28/2013 17:00	36298	9.09	39.8	24.42	17.1	5.943	40.83	31.78	13.52	72.07	73.06	39.42	40.64	0	632.3	26.5	0.298	-0.526	12.83
9/28/2013 18:00	36299	8.9	46.28	19.77	17.1	5.571	51.72	28.79	13.52	72.34	73.4	36.32	37.54	0	443.7	26.49	0.631	0.333	13.13
9/28/2013 19:00	36300	8.59	45.3	17.85	17.1	5.271	48.34	25.03	11.74	72.29	72.72	36.22	37.75	0	218.4	26.48	0.948	0.317	13.08
9/28/2013 20:00	36301	6.647	41.35	10.28	11.74	3.478	47.07	15.62	9.95	70.48	69.72	37.85	40.08	0	22.67	26.47	1.63	0.682	13.09
9/28/2013 21:00	36302	5.364	55.73	11.34	8.16	2.379	72.64	17.69	4.578	66.75	64.78	48.58	52.66	0	0.03	26.46	2.067	0.438	13.03
9/28/2013 22:00	36303	5.599	61.31	7.832	8.16	2.39	77.43	15.14	4.578	64.5	62.06	56.79	60.76	0	0.003	26.47	2.232	0.165	13.02
9/28/2013 23:00	36304	7.538	80.4	7.197	11.74	3.577	92.7	19.06	6.368	62.51	60.43	61.78	63.81	0	0.002	26.48	2.363	0.13	13.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/29/2013 0:00	36305	7.21	65.48	7.304	9.95	3.697	76.67	18.03	8.16	60.41	58.86	68	67.01	0	0.001	26.48	2.309	-0.054	12.97
9/29/2013 1:00	36306	7.756	67.37	7.834	13.52	4.077	79.14	20.34	8.16	59.29	57.92	67.71	66.32	0	0	26.48	2.366	0.057	13.02
9/29/2013 2:00	36307	7.807	61.33	8.69	11.74	4.354	70.5	18.3	8.16	57.86	56.88	69.36	66.29	0	0.001	26.46	2.277	-0.089	12.87
9/29/2013 3:00	36308	7.131	65.46	7.911	11.74	3.793	76.32	18.65	8.16	56.55	55.45	71.37	68.15	0	0	26.44	2.284	0.006	13.06
9/29/2013 4:00	36309	7.215	70.25	6.111	9.95	3.692	76.15	18.68	6.368	55.31	53.87	73.77	71.09	0	0	26.43	2.382	0.098	13.05
9/29/2013 5:00	36310	6.248	76.96	6.609	8.16	2.994	80.3	16.16	4.578	54.92	53.25	73.44	71.37	0	0	26.42	2.258	-0.124	12.99
9/29/2013 6:00	36311	5.227	80.8	7.061	6.368	2.271	75.24	11.34	4.578	54.78	52.2	72.92	73.71	0	0	26.41	2.287	0.029	13.05
9/29/2013 7:00	36312	4.508	94.7	10.21	6.368	1.334	84.8	9.08	4.578	54.69	51.99	73.42	73.49	0	0	26.41	2.1	-0.187	13.1
9/29/2013 8:00	36313	1.358	130.8	29.74	4.578	0.125	93.6	4.569	2.789	53	50.57	79.23	78.18	0	3.868	26.41	2.084	-0.016	13.03
9/29/2013 9:00	36314	1.635	255.9	20.95	6.368	0.361	234.5	9.25	4.578	56.73	56.37	73.39	70.27	0	131.1	26.43	3.663	1.58	13.12
9/29/2013 10:00	36315	4.96	215.1	15.35	9.95	3.419	222	16.09	8.16	60.52	61.31	67.08	61.24	0	347.8	26.49	3.976	0.313	13.12
9/29/2013 11:00	36316	7.262	213.2	15.43	11.74	5.096	220.5	16.95	9.95	63.64	64.63	58.01	54.34	0	558.3	26.54	3.332	-0.644	13.14
9/29/2013 12:00	36317	7.582	216.8	20.37	11.74	5.177	224	21.47	9.95	66.98	68.03	49.1	47.24	0	728.6	26.57	3.005	-0.327	13.17
9/29/2013 13:00	36318	8.34	218.9	16.4	15.31	5.665	223.6	18.13	11.74	70.13	71.14	41.7	41.66	0	846	26.56	3.056	0.051	13.07
9/29/2013 14:00	36319	8.46	218.2	17	17.1	5.752	222.5	18.91	13.52	72.75	73.75	37.76	38.3	0	897	26.54	2.862	-0.193	13
9/29/2013 15:00	36320	8.56	239.5	24.61	17.1	5.47	239	28.56	11.74	75.2	76.23	34.64	35.15	0	877	26.51	1.407	-1.455	12.9
9/29/2013 16:00	36321	8.1	251.7	30.48	18.89	5.06	252	34.48	13.52	77.67	78.67	28.01	28.65	0	792.2	26.48	1.734	0.326	12.88
9/29/2013 17:00	36322	9.33	237.8	21.98	22.47	5.848	237.9	24.73	18.89	78.53	79.37	27.07	27.45	0	643.9	26.45	1.778	0.044	12.87
9/29/2013 18:00	36323	9.14	228.1	15.07	17.1	5.561	229.6	18.45	11.74	79.23	79.98	25.41	25.59	0	452.5	26.43	1.651	-0.127	12.88
9/29/2013 19:00	36324	9.49	227.7	11.81	15.31	5.607	229.5	16.18	11.74	78.84	78.79	25.62	26.42	0	222.3	26.41	2.054	0.403	12.96
9/29/2013 20:00	36325	7.228	216.7	9.04	11.74	3.927	217.5	12.63	11.74	75.59	73.59	29.89	33.88	0	22.23	26.38	2.035	-0.019	12.92
9/29/2013 21:00	36326	6.653	197.2	8.7	9.95	2.58	187.3	12.95	4.578	70.14	65.97	38.88	47.39	0	0.023	26.35	2.086	0.051	12.99
9/29/2013 22:00	36327	5.841	195.4	10.79	9.95	0.933	182.6	8.73	4.578	66.93	62.1	45.46	55.56	0	0.003	26.33	2.017	-0.07	13
9/29/2013 23:00	36328	4.773	202.1	15.75	8.16	1.048	214.3	19.64	6.368	64.7	60.76	52.34	58.91	0	0.001	26.32	2.172	0.156	12.95
9/30/2013 0:00	36329	2.715	187.2	26.87	6.368	0.309	87.6	11.63	2.789	62.34	59.16	57.88	60.62	0	0	26.31	2.109	-0.063	13
9/30/2013 1:00	36330	4.537	215.9	5.828	6.368	0.253	229.2	4.696	4.578	61.49	57.61	60.17	66.5	0	0	26.3	2.223	0.114	13.07
9/30/2013 2:00	36331	4.596	230.9	13.39	8.16	0.602	227.5	5.604	2.789	59.31	56.58	67.08	68.82	0	0	26.28	2.319	0.095	12.93
9/30/2013 3:00	36332	4.327	214.2	14.25	6.368	0.229	195.5	4.684	2.789	58.48	54.9	68.86	72.42	0	0	26.26	1.951	-0.368	12.58
9/30/2013 4:00	36333	3.683	211.5	17.94	6.368	0	0	0	0	58.26	54.48	67.07	70.89	0	0	26.23	2.128	0.178	12.58
9/30/2013 5:00	36334	3.747	257.8	4.501	4.578	0	0	0	0	57.96	53.45	67.35	74.33	0	0	26.21	2.22	0.092	12.99
9/30/2013 6:00	36335	4.804	253.4	5.491	6.368	0.01	251.6	0.83	2.789	57.43	52.58	67.94	74.35	0	0	26.2	2.195	-0.025	13.01
9/30/2013 7:00	36336	4.226	259.8	13.15	6.368	0.153	318.3	2.39	2.789	55.95	51.42	71.4	76.45	0	0	26.2	2.287	0.092	12.44
9/30/2013 8:00	36337	3.754	258	9.9	6.368	0.206	288.7	1.975	2.789	54.86	50.89	73.78	76.64	0	3.415	26.2	2.249	-0.038	12.86
9/30/2013 9:00	36338	3.734	283.1	13.15	6.368	1.705	296.5	7.841	4.578	57.1	55.89	71.11	69.91	0	131.3	26.21	3.432	1.183	12.24
9/30/2013 10:00	36339	4.177	268.3	15.37	6.368	2.361	267.9	19.29	6.368	65.02	65.91	49.46	48.39	0	350.9	26.27	3.424	-0.007	12.91
9/30/2013 11:00	36340	6.331	260.7	15.36	13.52	3.703	255.9	22.87	13.52	72.13	73.18	40.66	40.4	0	565.3	26.33	2.723	-0.702	12.83
9/30/2013 12:00	36341	9.55	266.4	14.24	15.31	5.725	263.3	21.23	13.52	81	81.5	21.41	22.86	0	735.8	26.36	2.495	-0.228	12.87
9/30/2013 13:00	36342	7.967	258.3	22.46	13.52	4.934	254.8	27.59	11.74	85.1	85.7	16.29	17.2	0	850	26.37	2.684	0.19	12.79
9/30/2013 14:00	36343	9.5	240.6	21.91	17.1	5.637	238.5	25.78	13.52	86.7	87.5	14.16	14.78	0	901	26.36	3.16	0.475	12.86
9/30/2013 15:00	36344	11.17	247.8	19.3	18.89	6.149	245.1	25.55	13.52	87.5	88.4	13.84	14.1	0	880	26.34	0.91	-2.25	12.84
9/30/2013 16:00	36345	11.21	255.2	20	18.89	6.68	253.2	26.51	15.31	88.4	89.1	11.83	11.85	0	795.3	26.32	1.572	0.662	13.07
9/30/2013 17:00	36346	9.73	245.2	18.46	17.1	5.429	241.3	24.98	15.31	89	89.5	11.2	11.05	0	647.2	26.3	1.724	0.152	12.93
9/30/2013 18:00	36347	9.41	254.5	15.88	15.31	4.874	251.9	23.87	11.74	88.7	89.5	10.78	10.46	0	453.3	26.29	1.892	0.168	13.07
9/30/2013 19:00	36348	7.718	253.5	10.69	13.52	3.534	247	20.22	9.95	87.8	87.8	11.38	11.58	0	222.1	26.28	2.241	0.349	13.01
9/30/2013 20:00	36349	3.305	263.4	18.51	8.16	0.469	242.4	6.435	4.578	83.2	79.79	16.07	21.9	0	22.73	26.26	2.01	-0.231	12.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
9/30/2013 21:00	36350	1.855	284.1	10.62	4.578	0.018	76	1.156	2.789	77.99	71.93	18.09	31.06	0	0.032	26.23	2.042	0.032	12.97
9/30/2013 22:00	36351	2.083	255.6	23.11	4.578	0.028	126.8	1.526	2.789	74.29	67.53	24.18	43.94	0	0.012	26.21	1.925	-0.117	12.95
9/30/2013 23:00	36352	2.142	301.9	16.7	8.16	0.823	80.4	29.33	4.578	72.06	65.67	26.85	45.66	0.11	0.003	26.2	2.045	0.121	12.95
10/1/2013 0:00	36353	4.769	265.7	63.43	9.95	1.053	202.7	38.19	6.368	71.34	63.84	30.17	47.5	0	0.005	26.2	1.811	-0.235	12.91
10/1/2013 1:00	36354	1.114	174.3	32.92	4.578	0.107	109.2	16.41	2.789	65.58	61.77	40.22	52.63	0	0.003	26.18	2.03	0.219	12.45
10/1/2013 2:00	36355	3.414	312.8	7.016	6.368	0.198	307.8	3.027	2.789	68.45	61.21	32.4	55.52	0	0	26.16	1.567	-0.463	12.31
10/1/2013 3:00	36356	6.755	169.9	29	13.52	2.305	166.7	23.22	8.16	63.3	59.06	49.58	57.58	0	0.002	26.17	2.303	0.736	12.94
10/1/2013 4:00	36357	3.139	194.3	16.89	6.368	0.056	137.5	7.977	2.789	59.68	56.9	64.92	64.93	0	0	26.16	2.363	0.06	12.95
10/1/2013 5:00	36358	3.344	237.2	34.53	6.368	0.099	324.1	5.249	2.789	59.14	56.07	67.74	70.16	0	0	26.15	2.829	0.466	12.95
10/1/2013 6:00	36359	2.101	264.2	10.54	4.578	0.009	313.5	0.254	2.789	58.44	54.93	66.49	70.89	0	0	26.15	2.928	0.098	12.61
10/1/2013 7:00	36360	2.421	278.5	15.82	4.578	0.125	313.9	1.1	2.789	58.13	54.49	71.1	73.7	0	0	26.15	3.165	0.238	12.67
10/1/2013 8:00	36361	2.175	248.3	12.33	6.368	0	0	0	0	57.36	53.49	74.83	76.81	0	3.095	26.16	3.33	0.165	12.26
10/1/2013 9:00	36362	1.647	264.7	20.64	4.578	0.012	303.4	2.227	2.789	61.04	60.11	69.73	68.21	0	125	26.18	3.124	-0.206	13.01
10/1/2013 10:00	36363	3.577	216.1	16.77	6.368	2.36	219.5	15.95	4.578	66.37	66.99	67.19	61.98	0	341.3	26.25	2.438	-0.686	13.07
10/1/2013 11:00	36364	3.804	244.2	26.56	8.16	2.151	245.1	24.64	6.368	74.15	75	47.75	46.96	0	553.1	26.32	1.975	-0.464	13.19
10/1/2013 12:00	36365	6.343	244.5	23.67	13.52	3.82	244.7	26.68	9.95	81.5	82.3	27.52	28.55	0	725.2	26.36	2.184	0.209	13.11
10/1/2013 13:00	36366	5.144	242.9	39.65	11.74	3.448	240.8	37.78	9.95	87.2	87.4	16.37	17.57	0	843	26.37	2.434	0.25	13
10/1/2013 14:00	36367	5.462	272.4	38.16	20.68	4.006	272.9	41.32	11.74	90.9	91.1	10.41	11.03	0	896	26.37	2.481	0.048	13.11
10/1/2013 15:00	36368	7.865	258.6	27.67	17.1	4.795	245.6	50.74	11.74	91.5	92.3	8.83	8.84	0	879	26.35	3.058	0.577	13.17
10/1/2013 16:00	36369	8.8	248.8	20.92	17.1	4.462	224.9	68.41	18.89	91.9	92.8	8.56	8.29	0	793.6	26.34	3.955	0.897	13.06
10/1/2013 17:00	36370	6.71	242.3	50.71	24.26	5.735	242.7	27.66	15.31	92.7	92.3	8.31	7.355	0	649.1	26.32	0.71	-3.245	13.09
10/1/2013 18:00	36371	9.86	246.5	17.6	20.68	4.937	239	25.83	13.52	90.9	91.7	8.1	7.23	0.25	449.2	26.31	9.43	8.72	13.12
10/1/2013 19:00	36372	6.912	252	15.32	17.1	2.66	241.9	21.13	9.95	90.2	90.1	10.02	10.21	0	211.9	26.3	8.94	-0.488	13.09
10/1/2013 20:00	36373	5.735	224.8	18.46	9.95	1.157	198.8	13.81	4.578	86	81.5	12.78	18.54	0	19.36	26.29	8.94	0	12.97
10/1/2013 21:00	36374	3.75	203.3	16.24	6.368	0.396	132.9	3.932	2.789	79.61	73.8	16.98	23.82	0	0.028	26.26	8.95	0.006	13.06
10/1/2013 22:00	36375	3.979	216.7	19.59	8.16	0.267	211.3	9.3	2.789	74.9	70.24	22.32	29.09	0	0.017	26.25	8.96	0.007	13.08
10/1/2013 23:00	36376	3.83	277.5	12.99	6.368	0.281	322.5	1.997	2.789	72.77	66.18	24.12	38.2	0	0.003	26.25	8.96	0.007	13.07
10/2/2013 0:00	36377	3.195	271.2	42.26	8.16	0.461	143.3	16.6	4.578	71.09	64.17	26.84	39.7	0	0.003	26.24	8.98	0.013	13.05
10/2/2013 1:00	36378	1.383	310.4	43.56	4.578	0.16	80.5	3.601	2.789	67.89	61.54	31.51	48.71	0	0.002	26.23	8.99	0.01	13.04
10/2/2013 2:00	36379	5.456	167.9	65.22	15.31	2.152	146.4	11.4	8.16	66.76	60.26	31.8	49.34	0	0.002	26.21	9	0.011	12.89
10/2/2013 3:00	36380	8.74	157.2	8.07	13.52	4.086	155.6	14.2	8.16	62.82	60.75	57.31	56.56	0	0.001	26.22	9.01	0.01	13.02
10/2/2013 4:00	36381	5.433	175.8	16.03	9.95	1.171	182.3	15.6	4.578	61.18	58.89	81.1	76.87	0	0	26.21	9.02	0.013	12.44
10/2/2013 5:00	36382	6.022	200.3	8.5	9.95	2.588	205.6	11.3	6.368	62.4	60.47	88.3	83.9	0	0.002	26.21	9.03	0.01	12.41
10/2/2013 6:00	36383	4.038	261.9	40.83	9.95	0.758	296.8	12.34	6.368	60.16	57.25	90	86	0	0.001	26.21	9.04	0.01	12.32
10/2/2013 7:00	36384	2.723	197.4	10.52	6.368	0.177	181.3	2.384	2.789	59.52	56.42	93.1	87.7	0	0	26.2	9.06	0.019	12.41
10/2/2013 8:00	36385	2.908	246.4	29.38	6.368	0.579	214.7	11.35	6.368	58.65	56.42	96.9	88.9	0	2.964	26.21	9.07	0.013	12.21
10/2/2013 9:00	36386	2.262	272.8	23.96	6.368	0.363	323.9	3.228	4.578	61.66	60.28	93.3	88.9	0	124.5	26.24	7.665	-1.406	12.97
10/2/2013 10:00	36387	4.36	218.9	27.57	9.95	2.778	214.7	24.9	8.16	66.12	66.33	82.2	77.53	0	339.7	26.3	7.664	-0.001	13.01
10/2/2013 11:00	36388	6.689	204.6	13.71	9.95	4.967	207.1	16.71	8.16	71.63	72.07	55.82	54.63	0	554.1	26.34	7.665	0.001	13.05
10/2/2013 12:00	36389	5.8	217.9	21.07	9.95	4.345	217.9	22.69	8.16	79.6	79.72	30.05	31.53	0	723.8	26.38	7.655	-0.01	13.02
10/2/2013 13:00	36390	6.204	266.5	21.44	11.74	4.911	263.6	26.26	9.95	84.1	84.3	22.48	23.52	0	840	26.4	7.654	-0.001	13.07
10/2/2013 14:00	36391	4.252	216.7	42.58	9.95	3.112	218.3	39.3	8.16	89.7	89.4	14.92	16.03	0	892	26.39	7.653	0	12.93
10/2/2013 15:00	36392	5.026	227.2	42	13.52	3.765	225.6	40.45	11.74	92.1	91.7	9.75	10.32	0	874	26.38	7.653	0	12.82
10/2/2013 16:00	36393	6.732	252.9	32.44	15.31	4.829	248	31.36	11.74	91.9	92.2	6.882	6.598	0	786.9	26.36	7.65	-0.003	12.76
10/2/2013 17:00	36394	8.93	222.6	22.93	18.89	6.336	219.4	21.71	13.52	91.4	91.6	6.482	5.874	0	638.2	26.34	7.647	-0.003	12.92

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/2/2013 18:00	36395	8.21	222.8	18.17	17.1	5.714	218.3	19.59	13.52	90.9	91.1	6.256	5.603	0	443.8	26.32	7.645	-0.002	12.86
10/2/2013 19:00	36396	8.04	215.8	14.21	13.52	5.253	212.4	16.39	11.74	89.8	89.3	7.385	7.311	0	222.1	26.31	7.639	-0.006	12.97
10/2/2013 20:00	36397	6.237	209.6	5.463	9.95	2.337	194.5	17.7	4.578	84.5	80.2	12.14	16.65	0	24.92	26.29	7.636	-0.003	12.88
10/2/2013 21:00	36398	3.177	188.1	22.85	4.578	1.411	84.7	9.19	4.578	79.33	72.96	14.07	21.59	0	0.04	26.26	7.635	-0.001	12.8
10/2/2013 22:00	36399	3.232	195.3	59	9.95	1.323	12.37	51.82	6.368	76.36	70.59	17.74	27.94	0	0.032	26.26	7.632	-0.003	13.01
10/2/2013 23:00	36400	2.514	295.8	23.74	11.74	0.845	57.95	24.5	6.368	74.98	68.09	19.94	34.59	0	0.015	26.25	7.629	-0.003	13.07
10/3/2013 0:00	36401	10.67	168.8	12.8	20.68	5.593	169.1	20.16	13.52	71.75	69.38	51.24	52.66	0	0.02	26.26	7.622	-0.006	13.05
10/3/2013 1:00	36402	9.23	172.6	10.21	29.63	5.02	175.4	17.33	11.74	70.86	69.7	69.12	67.6	0	0.037	26.26	7.613	-0.01	13.27
10/3/2013 2:00	36403	5.626	198.6	9.36	9.95	2.181	200.6	11.78	6.368	69.09	67.31	76.05	74.59	0	0.027	26.26	7.613	0	13.1
10/3/2013 3:00	36404	4.814	194.4	23.09	8.16	0.766	181.6	27.34	4.578	67.61	64.93	81.1	80.1	0	0.017	26.25	7.61	-0.003	13.15
10/3/2013 4:00	36405	5.027	192.3	12.43	8.16	0.923	203.3	12.48	4.578	65.71	63.42	86.3	83.9	0	0.012	26.23	7.611	0.001	13.27
10/3/2013 5:00	36406	4.923	186.6	10.21	8.16	0.553	197.9	10.17	4.578	64.67	62.06	89.3	86.3	0	0.01	26.22	7.611	0	13.05
10/3/2013 6:00	36407	3.488	196.2	16.42	6.368	0.051	291.3	2.816	2.789	63.04	60.83	93.8	88.4	0	0.011	26.22	7.605	-0.006	12.59
10/3/2013 7:00	36408	3.571	165.4	14.11	6.368	0.066	110.4	3.017	2.789	62.26	60.37	96.4	89.1	0	0.007	26.21	7.605	0	12.57
10/3/2013 8:00	36409	2.907	183.7	21.73	6.368	0.049	315.5	9.12	2.789	61.54	60.08	98.1	89	0	2.377	26.21	7.605	0	13.04
10/3/2013 9:00	36410	3.517	194.8	20.56	6.368	1.178	210.4	9.52	6.368	62.8	61.93	97.6	89	0	101.6	26.23	7.605	0	12.77
10/3/2013 10:00	36411	6.677	213.4	15.91	11.74	4.783	213.9	16.94	9.95	67.73	67.66	88.2	86.7	0	317.4	26.27	7.603	-0.001	13.01
10/3/2013 11:00	36412	8.54	202.7	13.45	13.52	6.212	204.6	17.03	9.95	73.9	74.59	68.17	65.35	0	529.1	26.32	7.601	-0.002	13.21
10/3/2013 12:00	36413	8.37	213.8	15.55	15.31	6.109	213.2	16.36	11.74	79.91	80.5	47.72	48.08	0	691.1	26.35	7.601	0	13.03
10/3/2013 13:00	36414	9.38	219.4	14.06	15.31	6.836	217.6	15.32	13.52	84.8	85.4	30.11	31.53	0	791.9	26.36	7.603	0.002	12.78
10/3/2013 14:00	36415	11.79	209	15.47	18.89	8.18	208.9	17.52	15.31	87.7	88.6	21.57	22.41	0	838	26.35	7.6	-0.003	12.94
10/3/2013 15:00	36416	11.91	204.3	16.63	22.47	8.31	204.3	18.65	15.31	88.9	89.9	20.48	21	0	819	26.33	7.6	0	12.93
10/3/2013 16:00	36417	12.53	199.7	16.52	22.47	8.44	200.5	19.45	18.89	89.3	90.2	21.18	21.73	0	697	26.3	7.597	-0.003	12.9
10/3/2013 17:00	36418	14.09	204.9	15.35	24.26	9.45	205.1	18.06	18.89	89.9	90.6	20.94	21.47	0	540.9	26.28	7.597	0	12.84
10/3/2013 18:00	36419	13.74	208.6	10.88	22.47	9.02	208.7	13.93	17.1	89.4	89.6	20.88	21.77	0	335.6	26.26	7.594	-0.002	12.98
10/3/2013 19:00	36420	10.81	206.1	11.48	20.68	7.022	206.4	14.63	13.52	89.1	88.9	20.85	21.97	0	203.2	26.24	7.591	-0.003	12.7
10/3/2013 20:00	36421	8.23	253.7	10.92	17.1	4.509	245.7	17.48	11.74	84.3	83.2	23.99	25.89	0	10.85	26.23	7.585	-0.006	12.59
10/3/2013 21:00	36422	9.49	218.1	29.32	18.89	5.602	210.7	29.05	15.31	81.1	79.42	26.56	28.95	0	0.074	26.22	7.58	-0.005	12.72
10/3/2013 22:00	36423	8.06	193.4	11.92	13.52	3.771	188.2	18.29	6.368	78.78	76.17	30.5	34.28	0	0.084	26.23	7.577	-0.003	12.95
10/3/2013 23:00	36424	9.58	180.5	7.67	17.1	4.838	179.2	15.11	9.95	76.48	74.55	52.3	53.97	0	0.062	26.23	7.575	-0.002	12.95
10/4/2013 0:00	36425	10.52	176.3	8.46	17.1	5.767	177.9	16.02	11.74	74.49	73.51	65.88	65.34	0	0.068	26.23	7.572	-0.003	12.88
10/4/2013 1:00	36426	11.68	168.3	8.34	24.26	6.503	169.1	15.88	11.74	72.69	71.87	69.59	68.09	0	0.058	26.22	7.572	0	12.31
10/4/2013 2:00	36427	10.4	164.8	8.29	15.31	5.676	164.8	15.72	11.74	70.72	69.85	70.98	68.95	0	0.035	26.21	7.569	-0.003	12.23
10/4/2013 3:00	36428	9.54	164.8	8.18	13.52	5.125	165.6	16.07	9.95	69.05	68.04	75.86	73.1	0	0.025	26.21	7.569	0	12.3
10/4/2013 4:00	36429	9.24	163.9	7.948	13.52	4.888	164.1	15.57	8.16	67.49	66.3	78.82	75.98	0	0.022	26.2	7.565	-0.003	12.7
10/4/2013 5:00	36430	6.767	177.9	17.6	11.74	2.976	177.3	17.9	8.16	66.32	64.89	80.9	78.01	0	0.012	26.18	7.566	0	12.85
10/4/2013 6:00	36431	3.459	208.5	15.58	6.368	0.087	215.5	3.753	2.789	64.44	62.49	85	82.1	0	0.008	26.18	7.563	-0.002	12.32
10/4/2013 7:00	36432	4.178	205.6	20.58	8.16	0.816	219.9	12.86	4.578	63.66	61.23	84.9	83.5	0	0.003	26.18	7.563	0	12.4
10/4/2013 8:00	36433	5.396	194.2	15.71	8.16	1.267	192.2	25.28	4.578	63.45	60.48	84.4	83.9	0	1.537	26.19	7.56	-0.003	12.37
10/4/2013 9:00	36434	4.491	207.5	16.87	8.16	1.308	215.3	14.95	4.578	63.3	61.32	85.8	83.2	0	45.9	26.2	7.56	0	13.1
10/4/2013 10:00	36435	6.814	226.6	24.94	11.74	4.385	224.3	25.35	9.95	64.66	64.45	86.4	80.9	0	137.5	26.23	7.559	-0.001	12.2
10/4/2013 11:00	36436	10.4	217.9	11.39	15.31	7.331	216.1	13.73	13.52	72.7	73.29	66.12	63.37	0	535.5	26.28	7.558	-0.001	12.81
10/4/2013 12:00	36437	10.91	246.8	15.64	20.68	7.58	240.1	18.2	15.31	78.8	79.39	39.87	40.67	0	701.8	26.34	7.557	-0.001	12.48
10/4/2013 13:00	36438	12.77	245	16.07	20.68	8.92	237.9	18.4	17.1	84.2	84.8	20.18	20.76	0	819	26.35	7.556	-0.001	12.73
10/4/2013 14:00	36439	13.57	240.5	18.15	22.47	9.21	235.4	20.19	18.89	86.6	87.4	16.11	16.12	0	870	26.35	7.556	0	12.69

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/4/2013 15:00	36440	14.65	244.4	19.35	24.26	9.77	237.4	20.81	18.89	87.9	88.8	13.49	13.04	0	852	26.34	7.552	-0.004	12.99
10/4/2013 16:00	36441	14.81	258	12.67	29.63	9.1	249.4	19.38	20.68	88.6	89.5	13.34	12.9	0	765.1	26.32	7.549	-0.003	12.99
10/4/2013 17:00	36442	17.43	243.7	13.25	27.84	11.83	237.1	15.65	24.26	89	89.5	10.14	9.24	0	623.5	26.31	7.543	-0.006	12.49
10/4/2013 18:00	36443	18.96	239.2	10.7	33.21	14.39	235.5	12.72	26.05	88	88.1	8.28	6.878	0	438.2	26.3	7.537	-0.005	12.8
10/4/2013 19:00	36444	15.46	241.9	9.58	27.84	11.93	238.3	11.05	22.47	86.7	86.4	11.08	10.08	0	210.7	26.29	7.518	-0.019	12.82
10/4/2013 20:00	36445	8.81	251.8	8.79	18.89	6.106	244.2	10.42	15.31	81.8	80.3	16.22	16.64	0	20.49	26.28	7.503	-0.015	12.96
10/4/2013 21:00	36446	7.676	256.2	19.67	15.31	5.139	246.5	26.38	11.74	77.5	75.58	20.78	21.97	0	0.055	26.26	7.235	-0.268	12.21
10/4/2013 22:00	36447	9.98	286.3	12.55	22.47	7.285	283.5	16.34	17.1	75.24	74.05	23.89	24.26	0	0.028	26.26	7.217	-0.018	12.28
10/4/2013 23:00	36448	7.217	176.6	85.9	17.1	4.754	157.5	79.92	15.31	73.7	71.41	25.51	27.28	0	0.023	26.28	7.21	-0.006	12.73
10/5/2013 0:00	36449	6.196	149.7	21.18	11.74	2.454	130.8	27.1	9.95	72.86	68.74	26.98	31.39	0	0.022	26.29	7.204	-0.006	12.81
10/5/2013 1:00	36450	5.261	162.9	28.54	11.74	1.186	133.6	35.26	6.368	68.2	63.81	32.69	38.04	0	0.013	26.29	7.201	-0.003	13.01
10/5/2013 2:00	36451	11.35	11.74	28.52	20.68	7.579	8.74	26.91	17.1	67.54	66	31.86	32.76	0	0.012	26.29	7.191	-0.01	12.99
10/5/2013 3:00	36452	14.86	18.31	9.6	26.05	10.88	15.11	10.55	22.47	64.6	64.3	31.13	29.64	0	0.016	26.3	7.172	-0.019	13.05
10/5/2013 4:00	36453	19.83	35.61	10.74	29.63	11.28	30.82	12.63	26.05	60.59	60.43	40.19	37.83	0	0.009	26.32	7.167	-0.005	12.92
10/5/2013 5:00	36454	20.96	34.63	10.4	33.21	12.21	29.65	12.22	27.84	56.4	56.32	44.85	41.61	0	0.003	26.33	7.161	-0.005	13.11
10/5/2013 6:00	36455	20.38	32.91	10.32	33.21	12.09	27.66	12.64	27.84	52.86	52.81	45.77	41.81	0	0.001	26.34	7.156	-0.006	13.01
10/5/2013 7:00	36456	18.85	23.44	9.46	31.42	13.42	18.55	12.13	27.84	50.92	50.91	47.09	42.6	0	0	26.36	7.149	-0.006	12.38
10/5/2013 8:00	36457	19.61	18.66	10.31	31.42	14.11	14.21	11.82	29.63	48.88	48.92	46.08	41.45	0	1.775	26.38	7.14	-0.01	12.24
10/5/2013 9:00	36458	21.89	22.76	9.34	33.21	15.5	16.81	11.85	29.63	47.47	47.66	43.53	38.89	0	106.2	26.4	7.092	-0.048	13.05
10/5/2013 10:00	36459	18.91	26.89	10.08	31.42	12.74	21.29	12.57	26.05	49.07	49.6	39.71	35.6	0	329.1	26.43	7.086	-0.006	12.59
10/5/2013 11:00	36460	16.38	32.19	11.96	27.84	10.3	26.26	14.17	22.47	52.36	53.11	35.74	32.14	0	541.9	26.48	7.082	-0.004	13.05
10/5/2013 12:00	36461	13.46	29.25	13.15	24.26	9	24.25	15.11	18.89	55.95	56.94	32.06	28.8	0	710.2	26.52	7.071	-0.011	12.95
10/5/2013 13:00	36462	10.89	42.32	16.92	20.68	6.92	34.89	19.87	17.1	59.65	61.11	29.59	26.85	0	820	26.54	7.052	-0.019	13.12
10/5/2013 14:00	36463	9.93	34.79	18.96	18.89	6.815	27.27	22.1	18.89	62.72	63.95	27.71	25.41	0	867	26.54	7.044	-0.007	12.94
10/5/2013 15:00	36464	7.82	37.12	24.58	17.1	5.482	29.64	29.25	15.31	65.82	67	24.89	23.06	0	847	26.53	7.04	-0.004	13.09
10/5/2013 16:00	36465	7.48	42.15	31.66	15.31	5.057	32.53	33.1	13.52	67.85	68.87	23.14	21.57	0	758.9	26.52	7.037	-0.003	12.98
10/5/2013 17:00	36466	7.632	29.16	36.87	15.31	5.371	20.69	38	11.74	68.68	69.6	21.9	20.1	0	610.8	26.51	7.034	-0.003	13.06
10/5/2013 18:00	36467	7.112	44.58	27.99	17.1	4.817	41.12	32.34	11.74	69.26	70.2	21.17	19.43	0	418.9	26.5	7.028	-0.006	13
10/5/2013 19:00	36468	6.521	55.31	20.6	15.31	4.069	50.76	23.95	9.95	68.85	69.34	21.29	19.95	0	200.1	26.49	7.012	-0.015	12.96
10/5/2013 20:00	36469	6.279	78.23	10.12	8.16	3.162	78.14	17.01	6.368	65.43	63.85	25.82	26.41	0	17.83	26.48	6.931	-0.081	12.86
10/5/2013 21:00	36470	6.926	87.6	5.045	9.95	2.828	83.3	12.05	4.578	60.58	57.12	32.49	35.61	0	0.007	26.45	6.923	-0.009	12.78
10/5/2013 22:00	36471	6.607	98.7	8.83	8.16	2.572	83.8	11.8	4.578	58.7	54.49	34.29	39.47	0	0.001	26.44	6.918	-0.005	12.71
10/5/2013 23:00	36472	5.77	82.8	13.68	8.16	2.691	66.73	15.2	6.368	58.52	54.65	34.32	38.49	0	0.001	26.44	6.911	-0.006	13.09
10/6/2013 0:00	36473	4.304	61.82	7.826	6.368	1.277	55.84	7.577	4.578	58.21	54.53	34.87	39.41	0	0	26.44	6.908	-0.003	13.05
10/6/2013 1:00	36474	4.455	50.31	18.9	9.95	1.467	47.73	21.08	4.578	56.89	53.06	37.06	41.95	0	0.001	26.44	6.908	0	13.09
10/6/2013 2:00	36475	7.674	17.22	10.83	13.52	5.192	13.04	14.71	9.95	52.96	52.15	42.13	40.12	0	0	26.44	6.902	-0.006	13.13
10/6/2013 3:00	36476	6.527	20.94	11.75	13.52	3.914	18.23	15.35	9.95	51.98	51.22	42.49	40.22	0	0	26.44	6.899	-0.003	13.01
10/6/2013 4:00	36477	4.323	19.81	14.21	9.95	1.994	17.21	23.15	8.16	51.33	48.79	44.12	44.95	0	0	26.43	6.895	-0.003	13
10/6/2013 5:00	36478	5.272	4.01	24.79	9.95	3.312	356.4	27.76	8.16	50.03	48.63	46.25	44.61	0	0	26.43	6.832	-0.063	13.02
10/6/2013 6:00	36479	1.003	39.86	19.53	4.578	0.209	99.2	3.97	2.789	45.91	41.87	55.04	58.15	0	0	26.42	6.831	-0.001	12.92
10/6/2013 7:00	36480	0.648	346.2	37.34	2.789	0.002	214.4	1.107	2.789	44.07	40.06	59.81	63.35	0	0	26.42	6.831	0	12.81
10/6/2013 8:00	36481	1.843	6.979	36.99	6.368	0.197	46.59	3.994	4.578	44.95	39.89	58.13	65.34	0	2.277	26.41	6.828	-0.003	13
10/6/2013 9:00	36482	1.272	272.3	53.41	4.578	0.194	207.6	8.52	2.789	48.03	46.27	56.03	56.33	0	120.4	26.43	6.828	0	13.04
10/6/2013 10:00	36483	1.758	243.6	14.9	6.368	1.036	236.6	13.67	4.578	58.42	58.72	39.92	38.14	0	339.8	26.51	6.821	-0.007	12.92
10/6/2013 11:00	36484	4.557	236.4	23.19	8.16	3.577	236	22.51	8.16	63.05	63.32	31.96	30.38	0	552	26.6	6.819	-0.002	13.08

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/6/2013 12:00	36485	4.836	259.6	31.63	9.95	3.835	255.6	34.92	9.95	67.54	67.81	26.91	25.74	0	720.6	26.64	6.815	-0.005	13.09
10/6/2013 13:00	36486	4.844	327	57.07	9.95	3.89	325.2	56.82	9.95	71.29	71.32	18.85	18.08	0	834	26.65	6.812	-0.003	12.8
10/6/2013 14:00	36487	5.231	272.9	80.7	11.74	4.143	268.9	75.91	11.74	74.07	74.11	14.64	13.84	0	884	26.65	6.812	0	12.83
10/6/2013 15:00	36488	4.933	207.1	62.45	13.52	3.698	217.4	57.13	11.74	76.26	76.37	13.26	12.36	0	862	26.63	6.808	-0.004	12.99
10/6/2013 16:00	36489	5.907	214.7	36.3	13.52	4.617	217.1	36.94	11.74	76.35	76.52	13.33	11.98	0	770.6	26.6	6.805	-0.003	12.83
10/6/2013 17:00	36490	6.733	244.2	38.88	17.1	5.399	244.2	36.71	13.52	76.48	76.76	12.42	10.78	0	620.7	26.59	6.805	0.001	13.12
10/6/2013 18:00	36491	5.237	245.3	43	11.74	4.054	244.1	40.37	9.95	76.94	77.3	10.77	9.01	0	424.8	26.57	6.802	-0.003	13.18
10/6/2013 19:00	36492	4.859	215.4	24.18	8.16	3.415	213.6	25.07	6.368	76.09	76.03	11.66	10.62	0	199.2	26.56	6.796	-0.006	13.18
10/6/2013 20:00	36493	4.39	211.5	8.46	6.368	1.32	204.2	7.148	4.578	72.16	68.98	15.05	18.01	0	16.5	26.54	6.791	-0.005	13
10/6/2013 21:00	36494	4.312	214.6	15.72	6.368	0.227	153.9	7.758	2.789	65.36	60.54	21.03	25.35	0	0.007	26.5	6.789	-0.003	12.99
10/6/2013 22:00	36495	4.668	261.5	11.78	6.368	0.711	276.3	10.5	2.789	62.26	58.12	24.87	29.38	0	0.002	26.48	6.787	-0.001	12.99
10/6/2013 23:00	36496	3.912	274.1	10	6.368	0.138	298.4	4.045	2.789	60.84	55.83	28.01	34.62	0	0.001	26.47	6.784	-0.003	13.06
10/7/2013 0:00	36497	2.132	287.2	17.49	4.578	0.3	121	5.988	2.789	59.32	53.52	28.02	36.17	0	0	26.46	6.781	-0.003	12.95
10/7/2013 1:00	36498	5.054	315.9	11.3	8.16	0.101	336.8	3.587	2.789	59.05	51.74	26.21	40.41	0	0	26.45	6.778	-0.003	13.07
10/7/2013 2:00	36499	5.012	317.8	3.695	8.16	0.026	315.6	0.869	2.789	58.6	50.35	25.72	37.06	0	0	26.43	6.775	-0.003	12.89
10/7/2013 3:00	36500	6.341	331.5	16.1	9.95	1.636	332.8	17.96	9.95	56.81	51.78	28.07	34.4	0	0	26.43	6.765	-0.01	13.09
10/7/2013 4:00	36501	6.037	1.817	20.88	11.74	2.959	3.545	18.14	9.95	53.93	51.99	31.3	31.17	0	0	26.44	6.762	-0.003	13.02
10/7/2013 5:00	36502	4.275	353.4	36.97	8.16	1.461	308.3	58.03	4.578	55.4	51.28	29.46	32.86	0	0	26.43	6.759	-0.003	12.93
10/7/2013 6:00	36503	4.173	310.6	17.55	8.16	0.467	231.5	18.42	4.578	51.7	45.02	35.15	45.88	0	0	26.43	6.757	-0.002	13.02
10/7/2013 7:00	36504	6.854	325.4	4.948	9.95	1.874	309	24.96	4.578	52.95	47.99	31.65	37.85	0	0	26.43	6.752	-0.005	12.82
10/7/2013 8:00	36505	3.312	350.6	45.65	8.16	0.865	180.4	47	4.578	50.77	45.89	34.55	40.57	0	2.066	26.43	6.752	0	13.02
10/7/2013 9:00	36506	3.056	340	30.36	8.16	0.863	321.3	26.1	6.368	56.69	53.91	29.77	32.33	0	116.3	26.45	6.75	-0.002	13.08
10/7/2013 10:00	36507	5.368	331.4	11.11	9.95	4.147	327	11.71	8.16	65.31	65.38	23.39	22.37	0	333.2	26.53	6.748	-0.003	13.07
10/7/2013 11:00	36508	5.665	313.2	19.44	9.95	4.628	311	21.1	8.16	70.68	70.89	18.1	16.73	0	544.7	26.6	6.745	-0.002	13.04
10/7/2013 12:00	36509	3.19	319.3	70.08	8.16	2.438	312	59.86	8.16	76.25	76.12	14.09	13.43	0	713	26.64	6.745	0	13.14
10/7/2013 13:00	36510	4.027	200	44.96	8.16	3.286	205.8	46.89	8.16	79.14	78.64	11.86	10.77	0	829	26.65	6.738	-0.007	13.14
10/7/2013 14:00	36511	4.303	242.4	58.48	13.52	3.501	238.5	51.38	11.74	81.4	80.9	9.37	8.39	0	877	26.64	6.738	0	13.14
10/7/2013 15:00	36512	5.562	234.7	45.78	13.52	4.464	234.3	45.56	11.74	80.9	81	9.91	8.31	0	853	26.61	6.735	-0.003	13.13
10/7/2013 16:00	36513	6.094	224.8	74.72	15.31	4.821	227.2	70.15	13.52	81.4	81.6	9.85	8.4	0	762.5	26.58	6.731	-0.003	13.12
10/7/2013 17:00	36514	6.637	197.9	45.47	17.1	4.805	203.5	46.06	11.74	81.7	82	10.07	8.61	0	613.2	26.56	6.732	0.001	13.15
10/7/2013 18:00	36515	7.62	182.8	24.86	15.31	5.135	186.2	28.4	11.74	80.8	81.5	10.52	8.89	0	417.2	26.53	6.729	-0.003	12.97
10/7/2013 19:00	36516	7.319	188.4	14.71	11.74	4.582	190.3	18.91	9.95	79.48	79.5	11.4	10.41	0	195.5	26.51	6.726	-0.003	12.97
10/7/2013 20:00	36517	5.939	180.5	5.958	9.95	2.057	158.2	15.26	6.368	74.33	70.76	15.65	18.04	0	14.86	26.48	6.724	-0.002	12.85
10/7/2013 21:00	36518	6.34	178.8	7.22	8.16	1.476	138.3	8.85	2.789	68.3	62.95	21	24.54	0	0.008	26.44	6.722	-0.002	12.89
10/7/2013 22:00	36519	4.319	173.1	15.91	8.16	1.227	132.5	34.18	4.578	64.28	59.68	24.77	28.87	0	0	26.42	6.72	-0.002	13.07
10/7/2013 23:00	36520	2.896	162.8	20.11	4.578	0.423	83.7	7.138	2.789	63.91	60.3	23.61	24.85	0	0.001	26.41	6.718	-0.002	12.9
10/8/2013 0:00	36521	2.427	146.3	9.61	6.368	1.489	74.18	12	2.789	61.99	58.71	25.1	27.06	0	0.001	26.4	6.715	-0.003	12.89
10/8/2013 1:00	36522	5.524	170.9	7.899	9.95	0.928	153.6	9.09	2.789	59.35	55.33	29.74	31.95	0	0	26.38	6.715	0	12.98
10/8/2013 2:00	36523	3.568	165.4	12.02	6.368	0.18	127.7	4.958	2.789	57	53.71	32.38	33.19	0	0	26.35	6.712	-0.003	13.1
10/8/2013 3:00	36524	3.247	157	14.4	6.368	0.065	130.9	1.562	2.789	56.14	52.82	33.67	34.73	0	0	26.34	6.639	-0.073	12.98
10/8/2013 4:00	36525	4.038	157.5	8.43	6.368	0.604	102.8	5.886	2.789	55.53	52.2	34.61	35.74	0	0	26.33	6.632	-0.006	13.03
10/8/2013 5:00	36526	3.879	172.2	9.6	6.368	0.143	126.2	3.776	2.789	54.8	51.26	35.75	36.97	0	0	26.31	6.629	-0.003	12.99
10/8/2013 6:00	36527	3.526	174.1	11.84	6.368	0.101	123.2	2.256	2.789	53.53	49.68	37.96	40.01	0	0	26.31	6.629	0	12.95
10/8/2013 7:00	36528	4.739	159.2	9.28	6.368	1.124	128.3	11.4	2.789	52.38	49.11	41.57	42.61	0	0	26.3	6.627	-0.002	12.94
10/8/2013 8:00	36529	4.707	158.7	12.52	8.16	0.658	120.3	14.54	2.789	50.92	47.48	45.66	47.17	0	3.597	26.29	6.627	0.001	12.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/8/2013 9:00	36530	3.275	204.1	25.29	8.16	0.526	183.1	10.43	4.578	54.39	53.36	41.6	41.15	0	126	26.3	6.623	-0.004	12.92
10/8/2013 10:00	36531	9.26	177.5	11.72	17.1	5.838	180.5	18.46	13.52	64.13	64.72	30.44	28.92	0	347	26.36	6.621	-0.002	13.05
10/8/2013 11:00	36532	12.44	189	10.76	18.89	7.99	192.1	16.63	15.31	69.28	69.91	23.73	22.39	0	499.7	26.42	6.62	-0.001	13.17
10/8/2013 12:00	36533	11.79	181.4	11.67	18.89	7.652	183.8	17.82	15.31	72.85	73.88	20.12	18.88	0	571.5	26.45	6.618	-0.001	13.09
10/8/2013 13:00	36534	10.79	192.2	13.53	18.89	7.455	194.9	18.44	13.52	76.45	77.56	16.77	15.53	0	847	26.45	6.615	-0.003	13.11
10/8/2013 14:00	36535	9.51	196.5	18.16	17.1	6.751	199.7	21.65	15.31	80.7	81.7	12.1	10.71	0	885	26.45	6.614	-0.001	13.2
10/8/2013 15:00	36536	9.7	189.7	19.73	17.1	6.607	190.8	24.17	13.52	82.5	83.7	8.98	7.476	0	838	26.43	6.614	0	12.79
10/8/2013 16:00	36537	10.45	187.2	20.98	20.68	7.096	188.8	26.55	15.31	83.7	84.9	7.962	6.237	0	779.6	26.41	6.611	-0.003	13.02
10/8/2013 17:00	36538	9.89	178.1	22.49	20.68	6.619	179.1	28.22	15.31	83.7	84.7	8.68	6.945	0	616.7	26.39	6.611	0	12.97
10/8/2013 18:00	36539	11.37	173.3	18.38	18.89	7.143	174.8	23.26	15.31	83.6	84.5	9.51	7.847	0	422	26.36	6.609	-0.002	12.85
10/8/2013 19:00	36540	11.85	173.6	10.84	18.89	7.067	175.5	17.14	15.31	82.4	82.4	11.41	10.14	0	189.6	26.34	6.606	-0.003	13.05
10/8/2013 20:00	36541	8.22	159.2	10.42	15.31	3.573	151.6	21.9	9.95	76.95	74.07	16.23	17.35	0	13.07	26.32	6.603	-0.002	12.89
10/8/2013 21:00	36542	10.02	140.8	7.285	15.31	5.123	136.8	15.2	11.74	71.81	69.4	23.56	24.01	0	0.029	26.29	6.601	-0.002	12.89
10/8/2013 22:00	36543	9.2	140.8	7.832	13.52	4.861	137.3	16.11	9.95	69.01	67.37	28.42	28.46	0	0.025	26.28	6.598	-0.003	13.19
10/8/2013 23:00	36544	8.19	140.8	13.83	15.31	4.208	133	23.53	9.95	66.12	64.02	32.22	32.79	0	0.011	26.28	6.595	-0.003	13.19
10/9/2013 0:00	36545	11.73	162.1	9.25	18.89	6.718	163.4	16.37	13.52	66.57	65.44	32.66	32.2	0	0.027	26.27	6.592	-0.003	13.05
10/9/2013 1:00	36546	9.69	170	9.82	26.05	5.37	171.7	16.72	13.52	64.91	63.79	36.69	36.3	0	0.016	26.27	6.592	0	13.07
10/9/2013 2:00	36547	7.356	165.8	12.52	13.52	3.693	165	19.45	8.16	62.78	60.96	40.04	40.45	0	0.009	26.25	6.589	-0.003	13.01
10/9/2013 3:00	36548	10.29	170.8	16.67	18.89	5.789	172.3	21.76	13.52	62.1	61	40.95	40.23	0	0.006	26.24	6.587	-0.003	13.02
10/9/2013 4:00	36549	7.249	176.8	14.24	11.74	3.639	177.4	20.35	8.16	60.39	58.79	43.73	43.24	0	0.007	26.24	6.584	-0.003	13.02
10/9/2013 5:00	36550	8.09	178.1	12.84	13.52	4.142	179.2	20.52	9.95	59.72	57.94	45	44.62	0	0.004	26.22	6.581	-0.003	13.07
10/9/2013 6:00	36551	7.758	181.9	13.09	11.74	4.176	183.9	19.86	8.16	60.09	58.83	45.51	44.47	0	0.004	26.23	6.581	0	13.04
10/9/2013 7:00	36552	8.93	177.9	26.55	15.31	5.13	178.7	30.68	11.74	60.46	59.58	45.15	43.66	0	0.008	26.23	6.577	-0.004	12.98
10/9/2013 8:00	36553	5.877	197.7	18.16	8.16	2.509	200.1	27.47	6.368	58.6	56.77	49.32	48.74	0	2.424	26.24	6.577	0	13.19
10/9/2013 9:00	36554	4.705	201.4	23.1	8.16	1.139	224.3	21.8	6.368	57.38	55.2	53.05	53.13	0	47.04	26.24	6.578	0.001	12.87
10/9/2013 10:00	36555	8.85	189.9	11.79	17.1	5.777	193.8	15.3	15.31	62.34	62.66	47.4	44.88	0	302.7	26.27	6.573	-0.005	12.92
10/9/2013 11:00	36556	11.55	200.7	12.04	18.89	7.739	202.6	15.25	13.52	67.51	68.34	39.64	38.16	0	436.3	26.33	6.576	0.002	12.71
10/9/2013 12:00	36557	10.85	203.4	13.31	17.1	7.565	204.9	16.91	13.52	72.73	73.69	32.73	31.93	0	617.2	26.38	6.574	-0.002	12.59
10/9/2013 13:00	36558	10.18	219.3	14.83	15.31	7.497	218.9	16.2	13.52	78.07	78.96	26.02	25.35	0	846	26.4	6.574	0	12.62
10/9/2013 14:00	36559	9.36	243.8	20.07	18.89	7.197	239.4	22.57	13.52	82	82.7	21.21	20.59	0	792.6	26.41	6.57	-0.004	12.77
10/9/2013 15:00	36560	8.19	211.6	28.1	17.1	6.082	209.7	29.38	13.52	84.2	84.8	18.87	18.37	0	705.6	26.38	6.57	0	12.89
10/9/2013 16:00	36561	9.59	197.1	17.76	17.1	6.656	198.8	20.82	13.52	84.1	84.8	18.77	18.32	0	503.5	26.37	6.57	0	12.68
10/9/2013 17:00	36562	10.38	203.8	20.53	20.68	7.235	204	22.47	15.31	85.2	85.8	16.91	16.37	0	509	26.35	6.571	0.001	12.81
10/9/2013 18:00	36563	9.76	188.7	21.42	17.1	6.45	191	24.42	13.52	86.3	87	15.86	15.21	0	401.9	26.34	6.567	-0.003	12.77
10/9/2013 19:00	36564	9.27	162.2	12.78	17.1	5.575	163.2	18.98	11.74	84.5	84.4	17.79	17.73	0	174.2	26.33	6.564	-0.003	12.76
10/9/2013 20:00	36565	7.506	155	14.15	11.74	2.928	144.2	22.94	8.16	78.29	75.15	22.81	25.69	0	10.94	26.32	6.559	-0.006	12.7
10/9/2013 21:00	36566	9.09	146	7.008	13.52	4.226	139.3	14.45	8.16	72.86	70.11	33.17	35.29	0	0.037	26.3	6.554	-0.005	12.91
10/9/2013 22:00	36567	9.49	146.6	7.705	13.52	4.786	143.9	14.82	9.95	69.51	67.73	42.96	43.89	0	0.032	26.29	6.548	-0.006	12.78
10/9/2013 23:00	36568	10.42	152.4	9.04	17.1	5.733	152.5	16.36	11.74	67.66	66.41	50.39	49.76	0	0.031	26.29	6.544	-0.003	13.15
10/10/2013 0:00	36569	10.61	154.9	8.88	15.31	5.924	155.4	16.36	11.74	66.03	65.07	55.36	53.72	0	0.035	26.29	6.538	-0.006	13.16
10/10/2013 1:00	36570	12.1	163.2	9.07	18.89	6.918	163.4	15.79	13.52	65.75	64.88	59.07	56.9	0	0.034	26.28	6.535	-0.003	13.08
10/10/2013 2:00	36571	11.56	152.8	9.67	24.26	6.603	151.8	17.33	18.89	65.22	64.41	61.76	59.17	0	0.035	26.27	6.532	-0.003	12.48
10/10/2013 3:00	36572	9.49	168.3	10.13	17.1	5.339	170.9	17.63	11.74	63.96	63.02	64.44	61.65	0	0.02	26.26	6.529	-0.003	12.53
10/10/2013 4:00	36573	8.1	168.3	10.51	15.31	4.434	168.4	18.36	9.95	63.17	62.01	66.06	63.41	0	0.011	26.26	6.523	-0.006	12.4
10/10/2013 5:00	36574	9.29	161.2	7.744	13.52	4.939	160.9	15.14	9.95	62.1	60.78	67.09	64.54	0	0.008	26.24	6.52	-0.003	12.39

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/10/2013 6:00	36575	9.68	167.5	8.71	15.31	5.084	167.9	15.77	9.95	61.35	60.05	65.91	63.47	0	0.008	26.23	6.514	-0.006	12.4
10/10/2013 7:00	36576	10.12	164.8	7.747	15.31	5.425	164.1	15.23	11.74	61.37	60.28	66.26	63.2	0	0.007	26.23	6.235	-0.279	12.52
10/10/2013 8:00	36577	8.63	170.3	9.9	13.52	4.586	172.7	17.65	9.95	60.6	59.45	72.41	68.49	0	1.574	26.23	6.235	0	12.53
10/10/2013 9:00	36578	5.521	193.1	19.39	11.74	2.939	197.6	22.53	8.16	61.38	60.89	72.91	67.73	0	95.5	26.24	6.225	-0.01	12.67
10/10/2013 10:00	36579	11.42	179	11.07	18.89	7.147	180.9	17.55	15.31	65.9	66.53	63.75	59.15	0	297.9	26.28	6.224	-0.001	12.69
10/10/2013 11:00	36580	11.62	190.5	11.42	18.89	7.749	192.8	17.18	15.31	70.17	71.2	53.76	50.81	0	503.7	26.32	6.222	-0.002	12.74
10/10/2013 12:00	36581	13.04	191.7	12.44	20.68	8.76	194.8	17.33	17.1	74.4	75.68	44.67	43.35	0	667.7	26.34	6.222	0	12.7
10/10/2013 13:00	36582	13.13	187.8	14.43	22.47	8.67	189.8	19.69	17.1	78.99	80.4	37.42	37.14	0	777	26.35	6.222	0	12.68
10/10/2013 14:00	36583	13.75	196.4	14.62	24.26	9.4	198.5	18.59	18.89	81.4	82.9	32.79	32.39	0	824	26.34	6.221	-0.001	12.75
10/10/2013 15:00	36584	14.73	193.4	14.5	27.84	9.87	195.3	18.85	18.89	83.1	84.7	30.23	29.8	0	800	26.31	6.218	-0.003	12.71
10/10/2013 16:00	36585	16.56	195.2	14	27.84	10.86	197	18.17	20.68	84.7	86.1	26.88	26.53	0	715.4	26.28	6.215	-0.003	12.7
10/10/2013 17:00	36586	17.04	195.6	13.57	29.63	10.97	196.2	18.03	22.47	85.7	86.9	25.57	25.29	0	564.7	26.26	6.205	-0.009	12.59
10/10/2013 18:00	36587	15.62	181	15.8	26.05	9.66	182.7	20.9	18.89	86.3	87.2	28.02	28.16	0	370.2	26.24	6.199	-0.006	12.64
10/10/2013 19:00	36588	16.94	165.1	13	26.05	10.03	166.4	19.13	18.89	84.4	84.5	31.45	32.32	0	133	26.21	6.178	-0.022	12.62
10/10/2013 20:00	36589	16.97	158.8	9.33	27.84	9.94	160.1	16.58	18.89	79.94	79.44	39.84	41.09	0	9.49	26.2	6.165	-0.013	12.67
10/10/2013 21:00	36590	18.43	165.1	8.8	31.42	10.49	165.6	16.46	20.68	76.33	75.75	46.57	47.01	0	0.091	26.19	6.16	-0.005	12.64
10/10/2013 22:00	36591	18.13	171.1	10.07	31.42	10.55	173.1	17.15	22.47	73.61	73.05	52.59	52.01	0	0.083	26.2	6.154	-0.005	12.69
10/10/2013 23:00	36592	16.86	174.3	9.08	27.84	9.8	176.4	17.11	18.89	71.34	70.78	59.3	57.62	0	0.074	26.21	6.148	-0.006	12.43
10/11/2013 0:00	36593	11.44	185.8	10.86	20.68	6.722	189.1	17.39	17.1	69.19	68.51	65.76	63.22	0	0.053	26.22	6.142	-0.006	12.58
10/11/2013 1:00	36594	8.27	195.6	9.76	22.47	4.704	197.6	15.54	15.31	67.4	66.44	70.62	67.8	0	0.022	26.22	6.132	-0.01	12.5
10/11/2013 2:00	36595	6.36	205.5	15.43	15.31	3.477	208.1	18.64	8.16	65.56	64.39	74.85	71.61	0	0.01	26.21	6.056	-0.076	12.49
10/11/2013 3:00	36596	4.769	229	35.23	9.95	2.146	247.2	40.65	8.16	63.74	61.8	78.8	75.92	0	0.006	26.2	6.054	-0.002	12.45
10/11/2013 4:00	36597	4.759	267.3	37.3	8.16	2.002	296.1	31.41	6.368	62.25	59.83	82.4	79.37	0	0.004	26.19	6.054	0	12.64
10/11/2013 5:00	36598	8.19	335.2	34.68	13.52	4.08	344.1	21.07	11.74	60.71	58.78	72.79	71.43	0	0.001	26.19	6.051	-0.003	12.52
10/11/2013 6:00	36599	6.759	17.06	14.53	11.74	4.086	13.75	18.3	9.95	57.21	56.69	56.2	53.74	0	0.001	26.21	6.052	0.001	12.33
10/11/2013 7:00	36600	8.1	20.8	15.75	13.52	4.887	17.72	18.7	9.95	55.5	54.9	52.31	50.06	0	0.001	26.21	6.049	-0.003	12.4
10/11/2013 8:00	36601	7.132	9.52	12.26	11.74	4.474	1.599	16.19	9.95	54.01	53.54	49.97	47.37	0	1.411	26.22	6.045	-0.003	12.51
10/11/2013 9:00	36602	6.519	1.955	20.84	11.74	4.307	353.5	26.38	9.95	54.32	54.16	47.48	44.99	0	101.1	26.23	6.042	-0.003	12.62
10/11/2013 10:00	36603	7.183	356.1	17.71	11.74	5.423	351.6	20.53	11.74	61.52	62.03	34.24	33.09	0	313.2	26.29	6.04	-0.002	12.62
10/11/2013 11:00	36604	4.835	9.78	22.84	9.95	3.626	4.777	23.36	8.16	67.72	68.36	26.9	26.39	0	520	26.36	6.039	-0.001	12.64
10/11/2013 12:00	36605	3.553	134	91.2	11.74	2.603	225.2	82.8	9.95	74.3	74.23	21.92	22.17	0	682.4	26.4	6.038	-0.001	12.72
10/11/2013 13:00	36606	7.875	221.3	26.16	15.31	6.081	222.4	27.83	13.52	74.41	74.99	22.66	21.79	0	792.2	26.41	6.035	-0.003	12.75
10/11/2013 14:00	36607	9.4	212.5	21.11	17.1	6.963	213.2	22.08	17.1	76.36	77.35	21.79	20.72	0	840	26.4	6.035	0	12.83
10/11/2013 15:00	36608	13.37	240.8	22.53	31.42	10.2	237.1	24.01	24.26	78.02	79.01	20.2	19.01	0	816	26.37	6.032	-0.003	12.88
10/11/2013 16:00	36609	15.91	245.8	16.5	26.05	12.41	242.3	17.68	22.47	78.38	79.25	20.58	19.35	0	722.9	26.35	6.026	-0.006	12.81
10/11/2013 17:00	36610	14.42	246.1	16.47	26.05	11.33	242.9	17.46	22.47	79.46	80.1	21.14	20.17	0	571	26.34	6.013	-0.013	13
10/11/2013 18:00	36611	14.44	234.7	16.2	26.05	10.87	231.8	17.44	20.68	79.74	80.2	21.82	20.96	0	375	26.32	6	-0.013	12.97
10/11/2013 19:00	36612	15.16	246.3	13.16	24.26	11.88	243.1	14.34	20.68	78.78	78.62	21.54	21.05	0	160.4	26.31	5.991	-0.01	13.04
10/11/2013 20:00	36613	9.97	248	9.22	17.1	7.523	243.5	10.83	13.52	75.42	74.59	23.13	23.1	0	9	26.31	5.944	-0.047	12.88
10/11/2013 21:00	36614	8.18	274.7	19.08	17.1	5.423	276.1	26.15	15.31	71.79	70.44	26.79	27.1	0	0.056	26.29	5.936	-0.008	12.99
10/11/2013 22:00	36615	8.64	312.2	16.16	15.31	5.391	312.2	18.62	13.52	68.95	66.48	29.9	31.47	0	0.016	26.29	5.929	-0.006	12.89
10/11/2013 23:00	36616	9.97	313	12.55	17.1	7.127	313.1	12.98	13.52	68.73	67.75	30.13	29.88	0	0.031	26.28	5.923	-0.006	12.77
10/12/2013 0:00	36617	7.222	311.6	13.99	11.74	4.064	312.6	17.65	8.16	65.56	63.59	33.91	34.76	0	0.016	26.29	5.92	-0.003	12.71
10/12/2013 1:00	36618	4.024	311.9	20.66	13.52	1.648	314	46.56	6.368	63.96	59.8	35.83	39.78	0	0.008	26.28	5.917	-0.002	12.83
10/12/2013 2:00	36619	2.114	151.2	78.08	8.16	1.5	151.5	24.35	4.578	61.96	56.86	37.45	43.83	0	0.002	26.28	5.915	-0.002	12.76

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/12/2013 3:00	36620	5.219	19.49	9.88	11.74	2.648	4.397	14.41	11.74	62.31	57.88	33.83	40.19	0	0	26.28	5.912	-0.003	12.73
10/12/2013 4:00	36621	5.974	35.27	13.19	11.74	2.966	35.38	14.7	8.16	59.85	58.79	34.3	33.63	0	0.006	26.29	5.909	-0.003	12.85
10/12/2013 5:00	36622	3.433	4.102	31.31	8.16	1.542	10.45	33.74	8.16	55.78	54.01	38.23	39.12	0	0.001	26.3	5.906	-0.003	12.63
10/12/2013 6:00	36623	7.492	9.58	12.24	13.52	4.377	3.396	17.94	9.95	56.92	55.05	33.19	33.4	0	0.001	26.3	5.9	-0.006	12.44
10/12/2013 7:00	36624	9.41	18.29	9.77	13.52	6.525	14.7	11.57	11.74	56.7	56.12	32.67	30.49	0	0.001	26.32	5.893	-0.006	12.48
10/12/2013 8:00	36625	7.885	19.84	10.46	13.52	5.406	15.96	12.61	11.74	54.9	54.31	35.13	32.81	0	1.304	26.34	5.89	-0.003	12.51
10/12/2013 9:00	36626	8.73	15.55	9.95	15.31	6.464	12.8	11.18	13.52	56.03	55.86	35.44	32.87	0	99.7	26.35	5.887	-0.003	12.48
10/12/2013 10:00	36627	11.27	20.81	10.09	18.89	8.2	16.72	12.23	15.31	61.35	61.71	33.44	31.22	0	314.7	26.4	5.882	-0.005	12.73
10/12/2013 11:00	36628	10.11	32.71	13.33	17.1	6.571	26.82	16.13	13.52	67.06	67.75	27.9	26.42	0	513.2	26.46	5.881	-0.001	12.73
10/12/2013 12:00	36629	9.74	40.59	15.85	17.1	6.049	32.74	17.68	15.31	72.07	73	23.14	22.18	0	664.3	26.5	5.877	-0.005	12.48
10/12/2013 13:00	36630	7.973	70.72	24.58	15.31	5.295	63.47	31.71	11.74	76.21	77.49	20.57	19.97	0	781.2	26.52	5.877	0	12.79
10/12/2013 14:00	36631	5.758	79.77	47.99	13.52	4.191	73.18	52.32	11.74	79.48	80.3	24.18	24.33	0	819	26.53	5.872	-0.004	12.79
10/12/2013 15:00	36632	6.95	139.2	58.31	15.31	4.948	139.7	64.8	11.74	80.8	81.9	27.12	26.8	0	794.7	26.51	5.872	0	13.07
10/12/2013 16:00	36633	7.717	103.4	35.92	17.1	5.422	100.3	42.03	13.52	81.4	82.8	23.61	23.26	0	713.2	26.49	5.863	-0.01	12.88
10/12/2013 17:00	36634	7.551	135	32.13	15.31	5.332	133.1	39.86	13.52	81.8	82.9	24.2	23.6	0	563.6	26.47	5.841	-0.022	12.82
10/12/2013 18:00	36635	8.25	132.9	21.4	22.47	5.4	130.8	28.05	15.31	81.9	82.9	27.38	27.04	0	365.2	26.46	5.835	-0.006	13.08
10/12/2013 19:00	36636	7.729	123.7	21.21	15.31	4.908	121	27.01	11.74	80.4	80.6	30.48	31.02	0	145.7	26.45	5.829	-0.006	13.03
10/12/2013 20:00	36637	6.474	91.9	17.43	9.95	3.155	81.5	23.66	6.368	76.2	74.3	35.24	37.97	0	7.68	26.43	5.82	-0.009	12.83
10/12/2013 21:00	36638	8.7	73.32	5.086	11.74	4.533	65.78	16.25	8.16	72.28	70.6	42.02	43.44	0	0.063	26.41	5.809	-0.012	12.82
10/12/2013 22:00	36639	11.79	80.4	8.33	22.47	6.742	74.25	18.76	15.31	70.12	69.27	43.09	43.31	0	0.058	26.42	5.802	-0.006	12.84
10/12/2013 23:00	36640	13.97	88.3	8.39	22.47	8.36	85.8	18.11	17.1	69.13	68.53	36.83	36.86	0	0.047	26.43	5.79	-0.013	12.93
10/13/2013 0:00	36641	13.17	82	8.01	20.68	7.576	77.14	18.77	13.52	67.49	67.05	38.3	37.8	0	0.05	26.44	5.783	-0.006	12.8
10/13/2013 1:00	36642	12.63	80.6	8.48	26.05	7.45	74.68	18.72	15.31	65.69	65.17	41.21	40.3	0	0.031	26.44	5.761	-0.022	12.73
10/13/2013 2:00	36643	13.57	86.3	7.921	20.68	8.06	82.8	18.09	15.31	65.63	65.15	39.2	38.46	0	0.035	26.44	5.65	-0.111	12.54
10/13/2013 3:00	36644	15.93	84.9	7.302	22.47	9.42	81.5	18.35	17.1	64.85	64.51	38.96	37.91	0	0.035	26.44	5.647	-0.003	12.65
10/13/2013 4:00	36645	15.28	79.78	9.13	24.26	9.2	74.11	18.86	18.89	63.03	62.73	44.84	42.67	0	0.031	26.43	5.647	0	12.57
10/13/2013 5:00	36646	12.99	73.25	8.91	18.89	7.865	67.53	18.04	13.52	60.04	59.77	53.95	50.24	0	0.015	26.42	5.645	-0.003	12.42
10/13/2013 6:00	36647	13.68	69.44	7.079	18.89	8.78	64.22	16.28	15.31	58.44	58.22	60.16	55.38	0	0.007	26.41	5.645	0	12.39
10/13/2013 7:00	36648	14.1	66.62	8.26	20.68	8.93	61.88	16.22	17.1	58.47	58.35	66.07	60.53	0	0.007	26.41	5.642	-0.003	12.42
10/13/2013 8:00	36649	15.02	67.01	8.36	24.26	9.53	61.31	16.78	17.1	58.68	58.66	70.93	64.71	0	0.124	26.41	5.639	-0.003	12.54
10/13/2013 9:00	36650	13.69	57.94	45.01	22.47	8.8	51.05	46.61	18.89	59.32	59.26	75.04	68.93	0	1.259	26.43	5.638	0	12.48
10/13/2013 10:00	36651	11.52	344.9	31.27	26.05	8.31	342	32.17	20.68	57.8	57.6	91.1	83.6	0.66	1.935	26.47	6.076	0.438	12.49
10/13/2013 11:00	36652	12.13	64.56	30.09	22.47	7.333	59.99	33.04	15.31	58.64	58.52	97.5	88.1	0.36	26.63	26.45	6.33	0.254	12.53
10/13/2013 12:00	36653	13.49	85.6	8.47	20.68	8.08	82.2	18.44	15.31	60.02	59.88	96.1	88.5	0	87.8	26.45	6.33	0	12.56
10/13/2013 13:00	36654	10.29	68.77	41.01	18.89	6.77	63.53	44.44	17.1	61.43	61.26	93.5	87.4	0.39	54.96	26.45	6.662	0.332	12.65
10/13/2013 14:00	36655	9.67	27.87	18.5	17.1	6.331	24.19	18.61	17.1	60.68	60.54	96.1	88.1	0.33	22.05	26.46	6.947	0.285	12.51
10/13/2013 15:00	36656	11.4	62.43	17.09	18.89	6.513	55.47	23.43	13.52	60.12	60.06	95.1	87.6	0.09	104.2	26.42	7.011	0.064	12.52
10/13/2013 16:00	36657	12.96	72.27	10.05	18.89	7.919	66.14	18.97	15.31	61.33	61.42	95.1	88.1	0	119.4	26.41	7.014	0.003	12.63
10/13/2013 17:00	36658	16.05	67.53	9.24	24.26	9.97	61.13	17.41	17.1	61.61	61.73	93.8	86.8	0	161.4	26.4	7.014	0	12.53
10/13/2013 18:00	36659	18.76	70.58	8.63	29.63	11.46	64.27	17.77	20.68	62.11	62.27	91.1	84.4	0	153.1	26.41	7.017	0.003	12.62
10/13/2013 19:00	36660	17.79	80.1	11.14	27.84	10.71	75.36	20.59	20.68	61.69	61.73	92.9	85.3	0	30.87	26.41	7.017	0	12.55
10/13/2013 20:00	36661	17.42	92.6	9.81	29.63	11.03	89.7	18.84	22.47	61.71	61.68	95.1	86.9	0	0.915	26.41	7.017	0	12.57
10/13/2013 21:00	36662	17.75	98	10.04	29.63	11.85	96	18.35	24.26	61.62	61.54	94.2	86.4	0	0.014	26.41	7.017	0	12.81
10/13/2013 22:00	36663	17.61	105	9.86	27.84	11.72	102.9	17.77	26.05	61.91	61.85	95.4	87.3	0	0.023	26.43	7.017	0	12.49
10/13/2013 23:00	36664	17.65	116.1	8.9	27.84	11.01	114.7	17.38	20.68	62.77	62.63	94.4	87.1	0	0.022	26.43	7.017	0	12.53

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/14/2013 0:00	36665	15.65	122.6	9.25	24.26	9.39	121.5	17.07	17.1	63.4	63.22	92.9	86.1	0	0.026	26.43	7.017	0	12.38
10/14/2013 1:00	36666	15.41	137.7	10.54	36.78	9.31	137.9	17.2	17.1	63.39	63.27	93.4	86.2	0	0.023	26.43	7.017	0	12.54
10/14/2013 2:00	36667	12.74	149.3	9	20.68	7.497	150.6	16.98	15.31	63.72	63.57	93.1	86.3	0	0.02	26.42	7.017	0	12.61
10/14/2013 3:00	36668	9.92	158.8	9.79	17.1	5.923	160.3	16.29	11.74	63.69	63.57	93.6	86.5	0	0.028	26.42	7.017	0	12.48
10/14/2013 4:00	36669	10.17	163	13.99	15.31	6.028	164.5	21.28	11.74	63.58	63.45	93.3	86.5	0	0.026	26.4	7.017	0	12.54
10/14/2013 5:00	36670	12.53	175.7	9.15	22.47	7.375	178.6	16.52	15.31	63.4	63.33	94.6	87	0	0.028	26.38	7.017	0	12.59
10/14/2013 6:00	36671	13.48	178.4	8.77	22.47	7.998	180.8	16.08	15.31	63.71	63.62	95.4	88.1	0	0.03	26.37	7.017	0	12.58
10/14/2013 7:00	36672	14.01	177.8	9.17	24.26	8.38	181	16.52	17.1	64.19	64.06	94.4	87.6	0	0.029	26.36	7.017	0	12.62
10/14/2013 8:00	36673	11.61	176.8	10.32	17.1	6.955	179.5	17.22	13.52	64.38	64.27	94.4	87.6	0	0.21	26.37	2.457	-4.56	12.51
10/14/2013 9:00	36674	12.13	182.9	8.99	18.89	7.303	185.1	15.75	13.52	64.62	64.53	94.4	87.7	0	16.9	26.38	2.762	0.304	12.38
10/14/2013 10:00	36675	11.42	190.8	9.93	18.89	7.306	193	15.82	13.52	65.49	65.53	92.2	86.1	0	78.07	26.38	2.781	0.019	12.55
10/14/2013 11:00	36676	11.55	200.4	10.21	18.89	7.619	202.6	15.06	13.52	66.63	66.95	89.1	83	0	180.1	26.39	2.946	0.165	12.53
10/14/2013 12:00	36677	11.17	201.1	12.04	18.89	7.627	203.2	15.71	13.52	69.65	70.58	82.6	76.82	0	511.5	26.39	2.476	-0.47	12.84
10/14/2013 13:00	36678	13.4	215.2	13.24	20.68	9.56	214.2	15.23	17.1	73.6	74.65	70.8	67.55	0	760.2	26.42	1.138	-1.338	12.68
10/14/2013 14:00	36679	14.25	234.9	14.69	22.47	10.85	231.6	16.37	20.68	77.72	78.08	52.66	53.84	0	744.8	26.41	0.548	-0.59	12.72
10/14/2013 15:00	36680	14.7	258.1	13.45	24.26	11.34	253	16.89	20.68	79.51	79.67	38.29	41.83	0	612.6	26.38	0.764	0.216	12.99
10/14/2013 16:00	36681	14.82	259.5	13.06	24.26	11.37	253.9	15.79	20.68	79.12	78.93	35.83	39.55	0	433.7	26.36	0.406	-0.358	12.74
10/14/2013 17:00	36682	13.96	264	12.07	24.26	10.71	259.6	14.12	20.68	78.78	78.39	35.12	38.64	0	286.9	26.34	1.223	0.818	12.96
10/14/2013 18:00	36683	11.39	257.3	9.99	18.89	8.97	252.8	12.73	15.31	78.65	78.08	35.46	39.06	0	232.7	26.33	1.534	0.311	13
10/14/2013 19:00	36684	6.246	253.9	8.14	11.74	4.083	248.3	11.44	9.95	76.78	75.42	40.29	45.7	0	73.49	26.33	1.715	0.181	12.95
10/14/2013 20:00	36685	3.346	245.1	50.19	6.368	1.139	167.1	61.41	4.578	73.27	70.63	51.17	58.93	0	3.333	26.32	1.779	0.064	13.08
10/14/2013 21:00	36686	3.213	248.7	37.83	6.368	0.26	276.6	23.13	4.578	72.03	68.41	52.12	64	0	0.07	26.31	1.906	0.127	12.99
10/14/2013 22:00	36687	3.338	259	47.01	4.578	0.648	82.9	41.57	4.578	69.98	66.85	58.59	67.33	0	0.057	26.32	2.01	0.105	12.9
10/14/2013 23:00	36688	3.829	209.8	76.17	8.16	1.29	133.1	62.87	4.578	69.73	65.92	56.91	68.32	0	0.035	26.32	2.178	0.168	12.99
10/15/2013 0:00	36689	3.164	158.5	40.37	8.16	1.045	91.2	13.32	4.578	67.9	64.82	64.13	70.49	0	0.038	26.32	2.09	-0.089	13.01
10/15/2013 1:00	36690	4.808	162.2	30.83	9.95	2.079	143.6	40.18	6.368	67.35	64.98	66.07	69.83	0	0.034	26.31	2.635	0.545	12.99
10/15/2013 2:00	36691	4.9	152.1	14.74	9.95	1.878	140	20.76	4.578	67.21	65.57	73.04	72.11	0	0.038	26.3	2.822	0.187	12.79
10/15/2013 3:00	36692	5.546	161.3	16.65	9.95	2.41	155.4	25.46	6.368	66.01	65.02	88.2	83.2	0	0.042	26.31	3.117	0.295	12.84
10/15/2013 4:00	36693	4.313	200.9	26.63	8.16	2.202	209.8	21.61	6.368	65.81	65.27	94.6	87.8	0	0.047	26.32	3.494	0.377	12.64
10/15/2013 5:00	36694	3.869	187.3	11.72	6.368	0.807	190.5	8.48	4.578	65.62	65.15	96.6	89.3	0	0.048	26.31	3.624	0.13	12.6
10/15/2013 6:00	36695	5.333	176.3	9.76	11.74	2.598	177.5	14.42	8.16	64.96	64.4	94.3	89.5	0	0.046	26.31	3.789	0.165	12.56
10/15/2013 7:00	36696	9.55	195.7	86.7	27.84	6.11	204.3	87.4	26.05	63.21	62.67	87.1	84.2	0	0.03	26.32	3.019	-0.77	12.66
10/15/2013 8:00	36697	17.3	34.66	11.8	26.05	10.24	30.55	13.59	24.26	55.65	55.6	71.46	66.93	0	0.246	26.34	1.5	-1.519	12.57
10/15/2013 9:00	36698	17.28	36.34	10.89	29.63	9.91	31.81	13.47	26.05	53.32	53.3	68.88	64.01	0	25.19	26.33	1.288	-0.212	12.61
10/15/2013 10:00	36699	20.53	37.62	10.8	31.42	11.48	32.87	12.87	27.84	52.13	52.2	64.79	60.1	0	123.9	26.34	1.132	-0.155	12.56
10/15/2013 11:00	36700	19.05	41.27	10.66	31.42	10.54	35.56	13.17	24.26	51.5	51.59	63.23	58.59	0	126.3	26.37	1.044	-0.089	12.61
10/15/2013 12:00	36701	16.8	47.48	12.01	27.84	9.42	39.83	15.53	20.68	51.76	51.95	63.06	58.62	0	170.2	26.38	1.059	0.016	12.53
10/15/2013 13:00	36702	15.03	45.56	11.11	24.26	8.21	38.38	13.84	18.89	52.11	52.33	64.47	59.56	0	233.1	26.38	1.507	0.447	12.71
10/15/2013 14:00	36703	13.86	45.06	11.26	22.47	7.609	38.08	14.31	17.1	52.13	52.31	67.39	63.43	0.01	231.8	26.37	1.773	0.266	12.69
10/15/2013 15:00	36704	13.21	43.46	11.34	20.68	7.404	36.6	14.66	17.1	52.58	52.94	66.99	62.45	0	225.1	26.35	1.789	0.016	12.91
10/15/2013 16:00	36705	12.59	46.56	11.99	20.68	6.961	38.99	15.38	15.31	52.99	53.31	65.34	60.81	0	149.7	26.35	1.342	-0.447	12.68
10/15/2013 17:00	36706	12.27	52.81	11.96	18.89	6.976	44.9	16.9	15.31	53.48	53.81	64.2	59.83	0	153.6	26.35	0.825	-0.517	12.27
10/15/2013 18:00	36707	12.93	59.16	13.14	18.89	7.773	52.46	18.89	15.31	53.2	53.53	65.45	60.75	0	130.2	26.35	1.037	0.212	12.44
10/15/2013 19:00	36708	12.03	65.6	10.13	18.89	7.444	59.71	18.11	15.31	52.11	52.24	68.91	63.59	0	53.94	26.35	1.024	-0.013	12.57
10/15/2013 20:00	36709	10.34	76.79	12.21	17.1	6.5	72.01	21.02	15.31	51.08	51.04	72.67	66.74	0	10.2	26.35	1.272	0.247	12.68

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/15/2013 21:00	36710	9.32	82.5	10.62	15.31	5.788	77.9	20.69	9.95	50.27	50.28	75.32	68.83	0	0.001	26.36	1.139	-0.133	12.83
10/15/2013 22:00	36711	9.25	83.7	11.65	15.31	5.814	80.5	20.89	11.74	49.87	49.87	75.85	69.29	0	0.001	26.37	1.262	0.124	12.26
10/15/2013 23:00	36712	8.55	82.3	9.46	13.52	5.305	78.78	18.97	11.74	49.79	49.74	74.94	68.58	0	0	26.38	1.183	-0.079	12.57
10/16/2013 0:00	36713	6.772	79.11	11.18	11.74	4.244	74.03	20.21	8.16	49.77	49.73	75.11	68.72	0	0.001	26.39	1.253	0.07	12.5
10/16/2013 1:00	36714	7.325	90.1	9.39	11.74	4.731	88	18.98	9.95	49.77	49.71	72.25	66.52	0	0	26.38	1.24	-0.013	12.29
10/16/2013 2:00	36715	5.183	78.68	14.19	9.95	3.294	74.33	20.66	6.368	49.73	49.63	72.76	66.82	0	0.001	26.38	1.345	0.105	12.48
10/16/2013 3:00	36716	4.659	80.3	12.68	9.95	2.736	76.79	18.2	6.368	49.91	49.81	71.64	66.21	0	0.001	26.38	1.316	-0.029	12.51
10/16/2013 4:00	36717	6.105	93.7	13.14	9.95	4.028	93.3	19.76	8.16	49.88	49.8	70.05	64.73	0	0.001	26.38	1.361	0.044	12.56
10/16/2013 5:00	36718	4.871	95.4	15.85	8.16	3.104	95.2	21.87	6.368	49.8	49.71	70.23	64.92	0	0	26.37	1.465	0.105	12.34
10/16/2013 6:00	36719	5.36	84.6	12.46	9.95	3.492	81.7	20.21	6.368	49.92	49.77	68.26	63.36	0	0.001	26.38	1.364	-0.101	12.69
10/16/2013 7:00	36720	8.71	92.8	13.09	17.1	5.801	89.2	21.82	13.52	49.61	49.48	67.55	62.45	0	0.001	26.39	1.066	-0.298	12.47
10/16/2013 8:00	36721	9.91	80.7	11.46	17.1	6.126	75.22	20.33	11.74	49.4	49.25	67.49	62.27	0	0.21	26.39	0.967	-0.098	12.77
10/16/2013 9:00	36722	10.24	92.6	13.2	17.1	6.571	88.9	21.1	13.52	48.96	48.91	69.86	63.98	0	17.99	26.4	1.002	0.035	12.88
10/16/2013 10:00	36723	10.38	94.1	12.72	18.89	6.697	90.9	20.61	13.52	49.2	49.37	70	63.96	0	70.22	26.41	1.097	0.095	12.82
10/16/2013 11:00	36724	10.64	112.8	11.26	18.89	6.946	109.9	18.14	13.52	49.66	49.99	69.17	63.24	0	118.2	26.43	1.129	0.032	12.7
10/16/2013 12:00	36725	9.36	119.4	14.44	15.31	6.284	118.6	21.86	13.52	50.45	51.18	68.84	62.57	0	238.6	26.44	1.015	-0.114	12.97
10/16/2013 13:00	36726	6.488	112.7	19.53	13.52	4.689	110.8	27.53	11.74	51.77	52.63	67.85	61.79	0	275.4	26.45	0.964	-0.051	12.81
10/16/2013 14:00	36727	5.146	146.6	24.32	9.95	3.661	147.1	32.52	8.16	53.33	54.07	67.26	61.27	0	320.7	26.44	1.078	0.114	12.86
10/16/2013 15:00	36728	3.923	101.4	51.12	9.95	2.696	102.4	53.55	8.16	54.72	55.42	65.63	60.57	0	303.1	26.43	0.621	-0.457	12.92
10/16/2013 16:00	36729	3.39	71.27	42.01	9.95	2.28	65	43.83	8.16	54.49	54.9	66.68	61.85	0	200.6	26.42	1.113	0.491	12.79
10/16/2013 17:00	36730	3.868	92.4	45.12	8.16	2.767	90.3	46.9	6.368	55.88	56.39	64.46	60.08	0	280.1	26.4	1.129	0.016	12.79
10/16/2013 18:00	36731	1.927	200.4	65.62	6.368	1.425	228	50.1	6.368	57.58	57.44	61.9	58.67	0	234.2	26.4	1.382	0.254	12.65
10/16/2013 19:00	36732	3.278	98.6	22.95	6.368	2.076	94	24.52	6.368	57.12	57.27	63.53	60.12	0	127.2	26.4	1.649	0.266	12.59
10/16/2013 20:00	36733	2.354	117.3	13.67	4.578	0.456	107	10.99	2.789	54.43	53.04	69.31	68.1	0	5.089	26.39	1.779	0.13	12.87
10/16/2013 21:00	36734	2.869	86.9	21.62	4.578	1.171	83.4	24.57	4.578	52.59	49.93	75.08	76.34	0	0.001	26.37	1.894	0.115	12.75
10/16/2013 22:00	36735	4.225	101.3	13.07	8.16	1.648	94.1	11.54	4.578	51	47.55	78.82	81.3	0	0	26.36	2.043	0.149	12.59
10/16/2013 23:00	36736	5.853	130.3	18.43	8.16	1.967	106.8	22.29	4.578	49.45	46.66	82.1	81.1	0	0	26.37	2.059	0.016	12.61
10/17/2013 0:00	36737	4.492	156	7.279	6.368	0.482	120.3	4.901	2.789	47.41	45.05	88	83.2	0	0	26.36	2.069	0.01	12.5
10/17/2013 1:00	36738	5.055	154.2	15.86	8.16	1.223	125.6	20.98	4.578	46.1	44.07	92.4	84.9	0	0	26.34	2.253	0.184	12.52
10/17/2013 2:00	36739	5.066	142.9	16.82	8.16	1.514	117	23.4	4.578	45.56	43.66	93.9	86.2	0	0	26.32	2.313	0.06	12.25
10/17/2013 3:00	36740	2.845	219.7	30.7	6.368	0.237	267.7	17.67	4.578	44.78	42.92	95.5	86.6	0	0	26.32	2.151	-0.162	12.53
10/17/2013 4:00	36741	1.464	198.6	15.96	4.578	0.036	70.79	0.36	2.789	44.33	42.47	96.7	87	0	0	26.31	1.882	-0.27	12.53
10/17/2013 5:00	36742	1.393	226.7	26.91	4.578	0	0	0	0	43.94	42.13	97.3	87.4	0	0	26.3	1.688	-0.194	12.25
10/17/2013 6:00	36743	1.251	290.8	38.86	4.578	0.217	81.7	11.34	2.789	44.27	42.3	97.8	87.8	0	0	26.29	1.856	0.168	12.56
10/17/2013 7:00	36744	1.122	182.3	35.41	4.578	0.567	76.15	6.382	4.578	44.42	40.67	97.7	87.6	0	0	26.29	2.148	0.292	12.4
10/17/2013 8:00	36745	1.147	296.8	21.39	4.578	0.098	286.6	2.247	2.789	45.1	43.43	97.1	88.1	0	0.271	26.3	1.853	-0.295	12.31
10/17/2013 9:00	36746	0.957	252	18.87	4.578	0.232	229.9	3.712	4.578	47.18	46.82	96.3	89	0	18.96	26.32	2.09	0.237	12.47
10/17/2013 10:00	36747	4.007	234.1	11.66	6.368	3.044	232.2	12.48	6.368	49.68	49.35	95.3	90.1	0	69.07	26.35	2.062	-0.029	12.45
10/17/2013 11:00	36748	5.161	234.8	15.36	8.16	4.133	234.5	15.37	8.16	51.2	51.27	97.1	89.4	0	145.2	26.37	1.97	-0.092	12.5
10/17/2013 12:00	36749	6.866	220.3	12.41	11.74	5.152	221.3	15.2	8.16	53.02	53.37	95.5	88.1	0	213.3	26.38	2.058	0.089	12.57
10/17/2013 13:00	36750	6.587	218.9	15.45	11.74	4.943	218.9	17.11	9.95	54.37	54.69	91	83.5	0	206	26.38	2.087	0.028	12.48
10/17/2013 14:00	36751	5.007	200	27.54	9.95	3.734	204.8	32.05	8.16	58.23	58.65	81.4	74.92	0	409.9	26.38	2.093	0.006	12.55
10/17/2013 15:00	36752	4.374	194.7	44.28	13.52	3.316	199.8	49.06	11.74	64.54	64.7	67.84	64.21	0	819	26.39	2.279	0.186	12.61
10/17/2013 16:00	36753	4.649	209.5	43.5	11.74	3.641	218.4	44.18	8.16	67.93	68.08	61.19	58.73	0	685.9	26.4	2.605	0.326	12.48
10/17/2013 17:00	36754	3.858	191.9	45.03	9.95	2.848	194	41.94	8.16	71.17	71.12	54.07	53.15	0	540.7	26.38	2.732	0.127	12.96

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/17/2013 18:00	36755	4.074	213.5	46.77	9.95	3.107	220.8	42.72	8.16	72.75	72.99	47.03	47.65	0	352.5	26.35	2.954	0.222	12.66
10/17/2013 19:00	36756	3.654	187.5	27.92	8.16	2.015	192.7	27.57	6.368	72.47	72.28	44.12	46.34	0	137.9	26.33	3.645	0.691	12.92
10/17/2013 20:00	36757	4.842	147.3	12	6.368	1.89	112.6	14.7	4.578	67.47	64.49	54.22	59.4	0	4.547	26.3	3.437	-0.208	12.73
10/17/2013 21:00	36758	6.997	160.1	8.45	9.95	2.563	148.6	14.97	6.368	62.11	59.05	70.14	71.62	0	0.015	26.27	3.336	-0.101	12.68
10/17/2013 22:00	36759	6.203	151.4	9.14	9.95	2.056	149.8	14.2	4.578	58.99	56.88	82.2	79.37	0	0.003	26.25	3.339	0.004	12.68
10/17/2013 23:00	36760	6.169	132.9	12.09	9.95	2.527	122.4	20.21	6.368	58.21	56.35	88	83.6	0	0.004	26.24	3.705	0.365	12.65
10/18/2013 0:00	36761	5.398	149	9.88	8.16	1.283	146.1	11.7	4.578	56.98	55.02	92.7	86.4	0	0.002	26.23	3.518	-0.187	12.52
10/18/2013 1:00	36762	4.02	181.9	17.76	8.16	1.154	189	22.81	6.368	55.35	53.81	96.4	88.3	0	0.006	26.22	3.755	0.238	12.45
10/18/2013 2:00	36763	10.61	182.5	11.22	17.1	6.387	186.7	17.77	11.74	55.68	55.49	98.7	88.8	0	0.01	26.21	3.885	0.13	12.62
10/18/2013 3:00	36764	9.95	182.2	11.54	17.1	6.106	186.7	17.68	13.52	56.02	55.98	99.3	89.4	0	0.012	26.22	3.527	-0.359	12.56
10/18/2013 4:00	36765	7.94	200.4	11.04	13.52	5.113	203.6	15.53	9.95	56.43	56.4	99.3	89.2	0	0.013	26.23	3.13	-0.397	12.66
10/18/2013 5:00	36766	7.102	195.5	10.71	11.74	4.537	199.9	15.39	9.95	56.99	56.78	97.2	90.3	0	0.006	26.22	2.429	-0.701	12.65
10/18/2013 6:00	36767	8.18	204.3	14.58	13.52	5.214	206.6	17.11	9.95	57.35	57.04	94.5	89.2	0	0.007	26.21	2.439	0.009	12.21
10/18/2013 7:00	36768	7.606	215.1	10.67	13.52	5.113	215.7	14.04	9.95	57.45	57.16	91.8	86.4	0	0.009	26.22	2.388	-0.051	12.39
10/18/2013 8:00	36769	5.901	213.5	15.49	9.95	3.857	213.3	17.52	8.16	56.36	55.98	91.1	84.3	0	0.431	26.22	2.242	-0.146	12.23
10/18/2013 9:00	36770	6.694	211.6	18.08	11.74	4.637	211.5	19.88	9.95	55.44	55.33	93	85	0	28.94	26.23	2.166	-0.076	12.54
10/18/2013 10:00	36771	7.194	224	24.49	13.52	5.309	224.6	24.18	9.95	55.81	56	90.8	82.9	0	133.3	26.25	2.309	0.143	12.49
10/18/2013 11:00	36772	7.155	293.2	21.79	13.52	4.542	289	37.54	9.95	57.65	58.52	83	75.51	0	361.3	26.29	2.394	0.085	12.89
10/18/2013 12:00	36773	6.867	314.6	16.88	11.74	5.535	313.6	22.12	11.74	60.88	61.68	72.25	66.95	0	657.5	26.33	2.555	0.161	13
10/18/2013 13:00	36774	7.503	293.9	21.37	13.52	6.211	292.6	25.77	11.74	64.45	65.16	57.2	55.08	0	766.2	26.36	2.45	-0.105	13.05
10/18/2013 14:00	36775	8.75	314.4	21.08	15.31	7.249	313.2	22.53	13.52	68.43	69.09	42.77	43.22	0	808	26.36	2.704	0.254	12.88
10/18/2013 15:00	36776	11.11	319.9	16.83	20.68	9.15	317.9	18.15	18.89	72.87	73.47	25.5	26.7	0	782.7	26.35	3.097	0.393	13.02
10/18/2013 16:00	36777	13.58	353.1	19.83	24.26	10.37	349.2	23.01	22.47	73.88	74.65	20.85	21.16	0	694.2	26.35	0.127	-2.97	12.8
10/18/2013 17:00	36778	17.73	24.82	16.39	34.99	11.64	20.27	18.42	26.05	71.59	72.14	26.3	25.87	0	539.1	26.36	-1.585	-1.712	12.87
10/18/2013 18:00	36779	24.39	32.82	11.04	38.57	14.89	27.11	13.33	31.42	63.54	64.01	42.46	40.49	0	323.5	26.36	9.44	11.02	12.93
10/18/2013 19:00	36780	24.46	33.57	11	38.57	14.6	28.61	12.94	31.42	54.12	54.39	57.3	52.5	0	117.8	26.35	9.43	-0.002	13.05
10/18/2013 20:00	36781	22.62	32.34	10.47	38.57	13.59	27.26	13.15	34.99	48.94	48.98	66.22	59.77	0	3.723	26.35	9.43	-0.001	12.63
10/18/2013 21:00	36782	23.31	30.19	10.32	36.78	14.45	25.18	13.29	33.21	45.92	45.94	67.06	60.14	0	0	26.36	9.43	0	12.6
10/18/2013 22:00	36783	19.83	34.98	10.26	31.42	11.59	29.78	12.77	26.05	43.72	43.67	70.27	62.7	0	0	26.38	9.44	0.003	12.63
10/18/2013 23:00	36784	17.68	36.29	10.57	31.42	10.17	30.58	12.89	22.47	42.99	42.89	71.7	63.93	0	0	26.39	1.317	-8.12	12.41
10/19/2013 0:00	36785	14.19	29.83	10.56	26.05	8.95	24.93	12.71	20.68	41.83	41.74	74.23	65.91	0	0	26.41	1.139	-0.178	12.49
10/19/2013 1:00	36786	8.94	30.24	11.66	18.89	5.525	25.73	14.2	15.31	40.47	40.32	77.66	68.8	0	0	26.42	1.291	0.152	12.57
10/19/2013 2:00	36787	4.638	343.1	29.56	8.16	2.996	331.1	31.63	6.368	39.13	38.64	81.3	72.93	0	0	26.43	1.431	0.14	12.5
10/19/2013 3:00	36788	6.178	325.3	8.03	9.95	4.22	324.9	9.56	8.16	38.38	37.59	84.1	76.52	0	0	26.43	1.552	0.121	12.44
10/19/2013 4:00	36789	8.41	335	6.813	13.52	6.632	331.5	9.14	9.95	37.77	37.46	84.1	75.12	0	0	26.42	1.599	0.048	12.26
10/19/2013 5:00	36790	8.88	333.9	7.122	11.74	6.926	329.9	8.67	9.95	36.93	36.68	85.5	75.98	0	0	26.41	1.59	-0.01	12.24
10/19/2013 6:00	36791	8.55	330.9	6.609	13.52	6.439	328	8.37	9.95	36.19	35.88	87.2	77.46	0	0	26.4	1.656	0.067	12.34
10/19/2013 7:00	36792	8.37	332.3	7.167	11.74	6.281	328.5	9.56	9.95	35.82	35.49	86.8	77.15	0	0	26.4	1.628	-0.028	12.23
10/19/2013 8:00	36793	5.976	311.8	20.59	11.74	3.736	311.3	16.47	9.95	35.19	34.7	87.7	77.77	0	0.701	26.41	1.593	-0.035	12.43
10/19/2013 9:00	36794	4.744	308.7	14.27	8.16	2.756	311.7	9.27	8.16	36.2	35.59	86.7	77.8	0	87.8	26.41	2.32	0.727	12.62
10/19/2013 10:00	36795	5.214	313.8	13.83	8.16	4.472	312.4	16.53	8.16	42.4	42.61	71.37	64.4	0	296.8	26.45	3.306	0.986	12.66
10/19/2013 11:00	36796	4.487	266.8	44.77	9.95	3.495	266.7	44.83	8.16	47.96	48.53	53.37	49.13	0	499.1	26.52	3.859	0.554	12.59
10/19/2013 12:00	36797	5.669	214	24.04	11.74	4.305	217.9	27.92	11.74	52.04	52.53	44.76	41.95	0	662.8	26.55	2.701	-1.158	12.73
10/19/2013 13:00	36798	8.94	202.4	16.09	15.31	6.449	204.8	19.85	13.52	54.94	55.77	38.68	36.59	0	770.4	26.55	0.932	-1.769	12.76
10/19/2013 14:00	36799	10.76	198.1	18.11	18.89	7.5	199.6	22.86	13.52	58.18	59.33	32.43	30.58	0	814	26.53	-1.3	-2.232	12.67

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/19/2013 15:00	36800	11.04	202.2	15.82	18.89	7.73	203.3	18.62	15.31	60.48	61.76	29.85	27.95	0	788.9	26.5	-1.629	-0.33	12.74
10/19/2013 16:00	36801	11.86	197.5	13.11	18.89	8.1	199.3	17.78	15.31	62.37	63.54	27.78	25.99	0	697.7	26.47	-1.797	-0.168	12.65
10/19/2013 17:00	36802	12.55	194	14.37	20.68	8.42	196.2	19	15.31	63.69	64.85	28.52	26.78	0	549.1	26.45	-1.753	0.044	12.72
10/19/2013 18:00	36803	11.73	196.6	12	18.89	7.693	199.7	16.24	13.52	64.32	65.23	30.84	29.42	0	354.8	26.42	-1.452	0.301	12.67
10/19/2013 19:00	36804	11.17	190.8	10.55	17.1	6.923	193	15.66	11.74	63.1	63.2	34.96	34.23	0	136	26.39	0.146	1.598	12.68
10/19/2013 20:00	36805	8.06	171.4	11.4	13.52	3.689	168.1	18.44	11.74	57.95	56.01	43.92	45.38	0	3.709	26.35	1.443	1.297	12.71
10/19/2013 21:00	36806	8.26	170.7	5.935	11.74	3.618	169.4	14.32	6.368	53.72	51.33	51.72	52.67	0	0.001	26.32	1.643	0.2	12.37
10/19/2013 22:00	36807	7.771	173.9	7.218	11.74	3.553	173.6	15.05	8.16	51.55	49.81	58.31	56.79	0	0	26.3	1.665	0.022	12.39
10/19/2013 23:00	36808	5.236	138.7	21.15	8.16	1.765	99.3	22.3	4.578	50.16	47.14	62.25	62.81	0	0	26.29	1.653	-0.013	12.64
10/20/2013 0:00	36809	5.017	132.8	16.2	8.16	1.894	85.1	18.89	4.578	49.59	46.08	62.78	64.83	0	0	26.28	1.777	0.124	12.5
10/20/2013 1:00	36810	4.842	132.5	23.4	8.16	1.664	88.3	16.97	4.578	48.68	45.63	63.54	64.52	0	0	26.26	1.726	-0.051	12.48
10/20/2013 2:00	36811	4.277	195	15	6.368	0.37	191.5	5.735	2.789	47.36	44.11	65.9	66.77	0	0	26.23	1.71	-0.016	12.4
10/20/2013 3:00	36812	4.334	227.7	9.34	8.16	0.549	240.7	5.704	2.789	47.52	43.62	66.97	68.91	0	0	26.22	1.732	0.022	12.33
10/20/2013 4:00	36813	4.641	238.1	14.85	8.16	0.936	239.7	9.83	4.578	46.98	43.53	69.52	69.89	0	0	26.21	1.796	0.063	12.32
10/20/2013 5:00	36814	5.486	238.8	10.47	8.16	1.988	263.6	21.31	4.578	44.47	41.46	76.67	74.17	0	0	26.19	1.77	-0.025	12.47
10/20/2013 6:00	36815	4.26	238.4	9.81	6.368	1.047	263.6	9.8	2.789	42.84	40.75	82	76.81	0	0	26.18	1.758	-0.013	12.46
10/20/2013 7:00	36816	4.255	248.9	11.56	6.368	1.047	287.4	13.33	2.789	42.66	39.96	83.4	79.01	0	0	26.17	1.761	0.003	12.55
10/20/2013 8:00	36817	4.655	229.6	11.81	8.16	1.274	222	20.88	4.578	43.22	40.13	83.4	79.29	0	0.67	26.16	1.821	0.06	12.46
10/20/2013 9:00	36818	3.719	249.8	13.33	6.368	1.077	268.8	16.73	6.368	44.29	42.83	83.1	77.31	0	80.9	26.17	2.522	0.701	12.6
10/20/2013 10:00	36819	6.505	223.9	11.66	9.95	4.857	223.1	13.97	8.16	49.03	49.25	80.2	71.66	0	289.2	26.22	2.975	0.453	12.71
10/20/2013 11:00	36820	8.66	222	9.94	13.52	6.499	221.2	12.95	9.95	55.3	55.83	68.51	62.61	0	494.2	26.28	2.895	-0.08	12.73
10/20/2013 12:00	36821	8.54	231.3	15.26	11.74	6.667	229.1	16.76	11.74	62.92	63.12	47.69	46.44	0	658.6	26.32	2.343	-0.552	12.75
10/20/2013 13:00	36822	10	244.4	12.96	17.1	8.1	239.7	14.42	15.31	70.68	70.53	27.57	28.67	0	769.4	26.33	0.967	-1.376	12.99
10/20/2013 14:00	36823	11.22	245.2	16.28	18.89	9	242.4	17.97	17.1	73.89	74.01	21.93	22.51	0	813	26.33	-0.716	-1.683	12.8
10/20/2013 15:00	36824	11.87	243.7	14.7	20.68	9.4	239.3	16.25	17.1	75.84	75.96	18.7	18.89	0	785.7	26.3	-0.799	-0.082	12.83
10/20/2013 16:00	36825	13.07	267.2	17.25	22.47	10.25	263.4	20.21	20.68	77.82	78.16	14.46	14.27	0	695.9	26.27	-0.894	-0.095	12.83
10/20/2013 17:00	36826	14.59	264.3	15.32	26.05	11.52	260	17.13	20.68	78.73	78.88	12.02	11.3	0	547.3	26.26	-0.919	-0.025	12.87
10/20/2013 18:00	36827	11.06	245.7	16.37	20.68	8.59	241.4	17.21	17.1	78.97	78.78	12.1	11.56	0	347.4	26.24	-1.084	-0.165	12.9
10/20/2013 19:00	36828	6.703	241.6	10.42	15.31	4.501	238.4	11.94	11.74	77.75	76.6	12.77	13.78	0	129.2	26.22	1.246	2.33	12.93
10/20/2013 20:00	36829	5.045	263.1	20.33	8.16	1.601	257.9	33.15	6.368	70.99	66.66	19.34	25.1	0	3.479	26.21	1.382	0.137	12.82
10/20/2013 21:00	36830	2.68	236.7	15.44	6.368	0.542	112.2	9.54	4.578	65.42	59.6	23.95	33.08	0	0.01	26.18	1.503	0.121	12.68
10/20/2013 22:00	36831	4.061	247.5	13.13	8.16	0.783	222	36.25	4.578	62.05	56.65	29.33	37.71	0	0.001	26.16	1.415	-0.088	12.7
10/20/2013 23:00	36832	4.108	233	16.58	8.16	1.28	151	30.66	4.578	61.66	54.93	27.19	37.88	0	0	26.15	1.554	0.14	12.56
10/21/2013 0:00	36833	6.112	205.6	33.5	13.52	2.446	179.5	25.4	8.16	59.55	54.44	31.18	38.59	0	0	26.15	1.811	0.257	12.34
10/21/2013 1:00	36834	7.031	186.9	9.78	24.26	2.681	179.8	13.54	11.74	55.04	52.75	81.1	75.87	0	0	26.16	1.611	-0.2	12.58
10/21/2013 2:00	36835	4.489	239.4	35.38	8.16	1.782	284.1	28.74	6.368	52.64	50.14	91.9	84.3	0	0	26.16	1.732	0.121	12.67
10/21/2013 3:00	36836	8.92	331.2	33.1	15.31	5.643	331.1	29.77	9.95	52.06	50.03	74.92	73.71	0	0	26.18	1.218	-0.514	12.22
10/21/2013 4:00	36837	13.07	6.872	9.04	22.47	9	0.934	12.42	18.89	50.49	49.83	54.16	51.54	0	0	26.2	1.174	-0.044	12.28
10/21/2013 5:00	36838	17.31	16.35	11.03	27.84	12.67	11.13	12.91	27.84	50.53	50.15	59.12	54.67	0	0	26.21	1.335	0.162	12.62
10/21/2013 6:00	36839	20.87	25.73	8.86	33.21	14.15	20.24	11.64	27.84	49.57	49.3	64.17	58.68	0	0	26.22	1.136	-0.2	12.52
10/21/2013 7:00	36840	17.03	20.69	10.32	26.05	12.12	15.58	11.93	22.47	48.5	48.22	67.92	61.71	0	0	26.25	1.094	-0.041	12.55
10/21/2013 8:00	36841	14.98	16.09	10.17	22.47	10.84	12.52	12.19	20.68	47.68	47.4	69.1	62.64	0	0.55	26.28	0.872	-0.222	12.63
10/21/2013 9:00	36842	18.69	21.65	8.99	27.84	13.55	16.77	11.11	27.84	48.27	48.1	66.23	60.14	0	71.53	26.3	0.612	-0.26	12.49
10/21/2013 10:00	36843	22.87	23.84	9.01	33.21	15.59	18.71	11.52	29.63	50.52	50.68	60.42	55.06	0	266.2	26.35	9.43	8.82	12.52
10/21/2013 11:00	36844	20.38	33.5	11.48	34.99	12.33	27.69	13.36	26.05	53.65	54.08	54.61	50.25	0	474.3	26.4	9.43	0.002	12.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/21/2013 12:00	36845	18.42	38.97	12.09	29.63	10.69	33.1	14.03	22.47	57.02	57.68	49.6	46.26	0	632	26.45	-1.592	-11.03	12.71
10/21/2013 13:00	36846	15.78	41.2	15.06	26.05	9.61	34.81	17.67	20.68	59.77	60.72	45.72	43.13	0	736.2	26.48	-1.744	-0.152	12.62
10/21/2013 14:00	36847	13.42	44.87	15.31	24.26	8.08	38.05	18.02	17.1	62.26	63.41	42.64	40.83	0	778.8	26.49	-1.785	-0.041	12.69
10/21/2013 15:00	36848	12.56	48.07	20.59	22.47	7.931	41.14	24.32	18.89	63.72	65.07	40.72	39.19	0	756.5	26.48	-1.737	0.048	12.78
10/21/2013 16:00	36849	10.92	53.89	20.37	20.68	6.938	48.04	24.26	17.1	65.01	66.24	38.69	37.65	0	665.5	26.47	-1.537	0.2	12.74
10/21/2013 17:00	36850	11.08	50.97	21.71	18.89	7.083	44.24	24.89	17.1	65.65	66.67	37.72	36.41	0	519.2	26.47	-1.426	0.111	12.9
10/21/2013 18:00	36851	10.39	47.97	21.72	20.68	6.363	42.03	24.7	13.52	65.19	66.01	37.52	36.3	0	315.6	26.46	-1.522	-0.095	12.86
10/21/2013 19:00	36852	8.56	61.76	12.24	15.31	5.123	55.68	18.75	11.74	64.21	64.32	38.58	38.01	0	114.2	26.45	0.086	1.607	12.7
10/21/2013 20:00	36853	6.193	67.2	7.106	9.95	3.015	69.94	15.19	8.16	59.98	58.2	46.5	46.9	0	2.719	26.44	1.363	1.278	12.69
10/21/2013 21:00	36854	7.342	67.86	5.873	11.74	3.628	69.06	15.79	6.368	56.66	54.17	52.72	53.46	0	0.005	26.43	1.399	0.035	12.4
10/21/2013 22:00	36855	8.03	71.58	5.434	9.95	4.029	65.93	15.57	8.16	54.46	52.43	57.36	56.27	0	0.002	26.42	1.373	-0.025	12.84
10/21/2013 23:00	36856	8.11	75.99	5.588	11.74	4.16	65.87	16.27	6.368	52.68	50.91	61.63	59.22	0	0.001	26.43	1.247	-0.127	12.68
10/22/2013 0:00	36857	8.01	78.63	7.073	9.95	4.145	68.32	16.91	8.16	51.4	49.76	64.11	61.06	0	0.001	26.44	1.243	-0.003	12.2
10/22/2013 1:00	36858	7.662	78.34	7.557	15.31	3.845	67.24	16.54	11.74	50.07	48.27	65.97	63.07	0	0	26.43	1.364	0.121	12.58
10/22/2013 2:00	36859	7.707	84.7	7.352	9.95	3.728	78.22	18.48	8.16	49.31	47.55	66.48	63.26	0	0	26.43	1.386	0.022	12.81
10/22/2013 3:00	36860	6.447	91.4	5.767	8.16	2.721	77.74	13.83	4.578	47.42	45.1	70.68	67.93	0	0	26.42	1.456	0.07	12.61
10/22/2013 4:00	36861	4.207	126.6	51.64	6.368	1.806	74.72	41.91	4.578	46.65	44.4	72.42	69.11	0	0	26.41	1.437	-0.019	12.65
10/22/2013 5:00	36862	1.48	69.68	41.13	4.578	0.374	53.33	2.949	2.789	46.37	43.44	73.64	71.92	0	0	26.41	1.574	0.136	12.46
10/22/2013 6:00	36863	3.142	97.7	42.89	6.368	0.89	58.16	32.42	4.578	46.31	42.6	74.75	73.07	0	0	26.4	1.44	-0.133	12.55
10/22/2013 7:00	36864	3.791	291.4	9.64	6.368	0.249	311.2	9.25	2.789	44.34	39.85	79.47	78.38	0	0	26.41	1.46	0.019	12.44
10/22/2013 8:00	36865	3.539	308.2	8.06	4.578	0.001	340.2	0.001	2.789	44.95	39.75	77.26	78.49	0	0.533	26.41	1.444	-0.016	12.67
10/22/2013 9:00	36866	3.244	313.1	12.31	4.578	0.392	310.1	17.69	4.578	45.63	42.05	77.03	76.61	0	73.12	26.42	2.31	0.866	12.79
10/22/2013 10:00	36867	4.99	253	26.04	9.95	3.973	249.9	26.93	8.16	50.97	51.03	68.82	62.77	0	276.3	26.48	3.33	1.021	12.73
10/22/2013 11:00	36868	8.17	220	11.93	13.52	6.235	219.7	14.4	11.74	55.3	55.73	58.71	53.73	0	478.7	26.56	3.355	0.024	13.01
10/22/2013 12:00	36869	8.35	229.3	18.28	13.52	6.379	227.9	20.01	11.74	59.56	60.1	52.36	48.51	0	640.6	26.59	3.136	-0.219	12.92
10/22/2013 13:00	36870	7.308	242.2	21.1	13.52	5.797	239.7	22.63	13.52	64.05	64.34	44.68	42.78	0	746.8	26.61	1.544	-1.592	12.94
10/22/2013 14:00	36871	6.794	221.1	28.78	13.52	5.091	218.8	29.28	11.74	67.33	67.77	36.94	36.01	0	791.4	26.61	0.878	-0.666	12.81
10/22/2013 15:00	36872	7.616	234.8	30.62	15.31	5.481	232.3	31.12	11.74	68.95	69.73	32.81	31.56	0	764.9	26.59	0.276	-0.602	12.85
10/22/2013 16:00	36873	6.863	231.4	31.65	13.52	5.35	229.9	34.3	11.74	70.58	70.89	29.98	29.35	0	674.1	26.57	0.605	0.33	13.09
10/22/2013 17:00	36874	5.924	235.4	32.35	11.74	4.633	234.1	35.3	9.95	71.73	71.94	27.16	26.62	0	527.2	26.56	0.767	0.162	13.06
10/22/2013 18:00	36875	4.856	215.2	42.12	9.95	3.479	216	39.48	8.16	72.18	72.58	25.04	24.51	0	335.4	26.53	1.147	0.38	13.2
10/22/2013 19:00	36876	5.561	215.4	20.07	9.95	3.56	212.9	21.7	8.16	70.34	69.86	26.11	26.63	0	120.7	26.51	1.357	0.209	13.2
10/22/2013 20:00	36877	6.236	181.5	6.616	8.16	2.067	150.7	16.49	4.578	64.47	60.21	31.6	36.99	0	2.591	26.48	1.481	0.124	13.17
10/22/2013 21:00	36878	6.811	179	5.244	9.95	1.793	149.8	10.4	4.578	60.55	55.35	35.9	42.83	0	0.004	26.45	1.538	0.057	13.15
10/22/2013 22:00	36879	7.016	182.2	4.11	9.95	1.276	162.4	7.328	4.578	56.8	51.78	45.04	51.02	0	0	26.43	1.491	-0.047	13.33
10/22/2013 23:00	36880	4.223	187.6	16.54	8.16	0.181	144.6	5.411	2.789	54.37	50.06	49.14	53.6	0	0	26.41	1.437	-0.054	12.88
10/23/2013 0:00	36881	1.726	235.6	24.05	4.578	0	0	0	0	53.65	49.38	49.34	54.98	0	0	26.41	1.497	0.06	12.6
10/23/2013 1:00	36882	1.225	195.5	19.67	2.789	0.55	81.6	2.117	2.789	52.29	48.03	50.14	54.91	0	0	26.4	1.488	-0.009	12.4
10/23/2013 2:00	36883	3.944	201.3	20.38	6.368	0.717	94	13.03	4.578	52.43	47.68	46.31	53.05	0	0	26.39	1.498	0.01	12.42
10/23/2013 3:00	36884	4.259	194.3	10.52	6.368	0.132	112.1	2.255	2.789	50.99	46.44	48.03	52.48	0	0	26.39	1.574	0.076	12.21
10/23/2013 4:00	36885	3.791	196.9	10.45	6.368	0.092	104	1.48	2.789	49.48	45.55	52.19	53.79	0	0	26.38	1.536	-0.038	12.22
10/23/2013 5:00	36886	2.206	193.5	12.05	4.578	0.064	102.2	1.179	2.789	49.11	45.24	53.91	55.51	0	0	26.36	1.472	-0.063	12.73
10/23/2013 6:00	36887	3.745	283.4	35.05	6.368	0	0	0	0	49.13	44.35	54.53	59.83	0	0	26.36	1.447	-0.025	12.19
10/23/2013 7:00	36888	1.868	307.6	3.855	6.368	0.731	85.4	8.82	4.578	48.54	42.28	57.08	64.86	0	0	26.36	1.199	-0.247	12.2
10/23/2013 8:00	36889	2.935	303.1	11.27	6.368	0.263	113.6	16.49	2.789	47.97	41.87	59.26	67.91	0	0.479	26.36	1.222	0.022	12.51

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/23/2013 9:00	36890	4.038	302.9	9.84	6.368	0	0	0	0	50.32	45.72	56.01	62.42	0	72.65	26.37	1.77	0.549	12.52
10/23/2013 10:00	36891	2.921	213.6	28.81	6.368	1.774	217.3	20.55	4.578	56.07	56.2	51.94	49.29	0	279.7	26.43	2.547	0.776	12.82
10/23/2013 11:00	36892	4.027	227.9	18.24	8.16	3.148	229.6	19.92	6.368	61.76	61.67	43.39	41.89	0	484	26.52	2.254	-0.293	12.99
10/23/2013 12:00	36893	6.069	212.3	15.64	9.95	4.707	216.2	19.24	9.95	66.65	66.82	32.94	32.27	0	647.5	26.56	1.918	-0.337	12.82
10/23/2013 13:00	36894	8.51	212.3	15.1	15.31	6.227	215.9	17.27	13.52	70.42	70.95	23.61	22.74	0	755	26.58	0.713	-1.204	12.89
10/23/2013 14:00	36895	11.37	205.1	15.57	20.68	8.05	206.1	18.21	15.31	72.83	73.71	19.81	18.65	0	799	26.56	-1.214	-1.927	12.79
10/23/2013 15:00	36896	12.8	206.2	14.86	31.42	8.93	207.6	17.25	22.47	74.38	75.4	16.58	15.28	0	774.8	26.53	-1.448	-0.235	12.9
10/23/2013 16:00	36897	12.23	193.3	15.26	20.68	8.14	194	20.04	17.1	75.48	76.53	14.65	13.17	0	684.8	26.51	-1.531	-0.082	12.73
10/23/2013 17:00	36898	11	202.3	18.61	18.89	7.617	202.9	21.75	15.31	76.07	76.75	13.92	12.22	0	534.1	26.5	-1.55	-0.019	13.02
10/23/2013 18:00	36899	10.37	192.4	13.94	17.1	6.765	194.1	18.3	15.31	75.78	76.4	14.8	13.33	0	338.4	26.48	-1.651	-0.101	12.92
10/23/2013 19:00	36900	9.7	170.7	10.5	15.31	5.479	170.8	17.28	11.74	73.5	73.03	18.48	17.86	0	118.4	26.46	0.19	1.842	13
10/23/2013 20:00	36901	6.674	147.3	5.926	8.16	2.364	113.6	16.6	4.578	67.01	62.33	26.15	30.88	0	1.953	26.43	1.16	0.97	12.91
10/23/2013 21:00	36902	7.93	148.7	8.25	11.74	2.761	125.7	17.27	6.368	62.36	57.1	31.33	37.48	0	0.004	26.4	1.211	0.051	12.84
10/23/2013 22:00	36903	8.25	136.9	6.84	11.74	3.46	126.3	15.17	6.368	58	54.86	37.85	40.73	0	0.001	26.38	1.253	0.041	12.85
10/23/2013 23:00	36904	4.667	140.8	10.38	8.16	0.694	131.9	7.355	4.578	55.03	51.74	42.51	44.6	0	0.001	26.38	1.221	-0.032	12.68
10/24/2013 0:00	36905	4.068	160.1	10.79	6.368	0.029	147.8	2.401	2.789	54.28	50.95	47.84	47.84	0	0	26.38	1.193	-0.029	12.84
10/24/2013 1:00	36906	3.634	154	10.82	6.368	0.024	123.6	2.766	2.789	53.38	50.01	54.59	54.67	0	0	26.37	1.259	0.067	12.42
10/24/2013 2:00	36907	3.415	156.9	11.11	6.368	0.033	155	2.623	2.789	53.44	50.01	55.9	56.35	0	0	26.36	1.351	0.092	12.79
10/24/2013 3:00	36908	3.469	180.9	17.29	6.368	0.117	189.5	2.868	2.789	53.81	50.31	56.61	57.89	0	0	26.36	1.3	-0.051	12.47
10/24/2013 4:00	36909	2.632	149.9	48.48	4.578	0.894	59.5	10.13	4.578	53.88	50.87	57.52	57.92	0	0	26.36	1.377	0.076	12.81
10/24/2013 5:00	36910	5.578	79.27	12.12	8.16	3.059	59.95	9.7	4.578	53.52	49.87	59.08	61.65	0	0	26.36	1.599	0.222	12.49
10/24/2013 6:00	36911	5.527	39.68	11.96	8.16	2.569	39.55	12.3	6.368	49.93	47.65	64.97	63.16	0	0	26.37	1.25	-0.349	12.21
10/24/2013 7:00	36912	6.078	27.14	11.41	11.74	2.892	28.33	13.55	8.16	48.18	47.08	68.61	63.39	0	0	26.37	1.208	-0.041	12.45
10/24/2013 8:00	36913	4.08	21.91	14.3	8.16	1.672	32.89	16.83	6.368	48.56	46.87	68.3	64.01	0	0.338	26.37	1.298	0.089	12.71
10/24/2013 9:00	36914	6.495	39.48	10.25	9.95	3.048	38.95	11.98	6.368	49.01	48.02	67.48	62.63	0	54.27	26.39	0.882	-0.416	12.88
10/24/2013 10:00	36915	6.765	50.97	12.61	9.95	3.879	42.85	16.34	8.16	54.54	55.23	59.75	54.95	0	270.5	26.44	0.431	-0.451	12.99
10/24/2013 11:00	36916	6.084	87.7	18.21	9.95	4.438	83.6	27.01	8.16	61.86	62.94	47.61	45.28	0	470	26.52	0.729	0.298	12.82
10/24/2013 12:00	36917	8.51	92.8	14.16	15.31	5.965	88.3	23.49	13.52	67.54	68.8	38.19	37.56	0	630.2	26.57	0.434	-0.295	12.81
10/24/2013 13:00	36918	10.44	96.5	14.1	17.1	7.283	94.4	22.96	13.52	70.89	72.32	33.39	32.82	0	737.2	26.59	0.561	0.127	12.86
10/24/2013 14:00	36919	11.15	104	15.53	18.89	7.722	101.5	23.62	15.31	73.76	75.2	27.32	26.91	0	781.1	26.58	-0.219	-0.78	12.85
10/24/2013 15:00	36920	10.98	108.4	17.25	20.68	7.711	105.9	25.45	17.1	75.27	76.66	24.51	23.99	0	754.5	26.56	-0.967	-0.748	13.09
10/24/2013 16:00	36921	11.27	117.8	19.87	20.68	7.577	117	26.72	15.31	75.73	77.06	23.89	22.94	0	660.9	26.55	-1.1	-0.133	12.82
10/24/2013 17:00	36922	11.1	114.4	18.74	20.68	7.392	112.5	25.83	15.31	75.79	76.92	22.95	21.65	0	512.2	26.54	-1.204	-0.105	12.94
10/24/2013 18:00	36923	11.8	111.4	13.64	18.89	7.852	109.1	20.81	15.31	74.8	75.59	23.73	22.48	0	319.4	26.53	-1.315	-0.111	12.93
10/24/2013 19:00	36924	10.65	103.2	11.15	18.89	6.987	101.8	18.48	13.52	72.25	72.12	30.07	29.45	0	103.6	26.51	0.577	1.892	12.84
10/24/2013 20:00	36925	9.53	90.2	6.694	13.52	5.063	87.8	15.81	9.95	66.08	64.59	37.3	37.59	0	1.641	26.49	1.135	0.558	12.8
10/24/2013 21:00	36926	9.75	96.9	7.627	13.52	5.869	93.2	16.29	11.74	62.13	60.76	43.91	42.89	0	0.01	26.48	1.05	-0.086	13.05
10/24/2013 22:00	36927	11.07	110.6	9.54	17.1	6.76	107.6	16.95	13.52	61.02	59.97	48.6	47.05	0	0.012	26.48	0.989	-0.06	13.07
10/24/2013 23:00	36928	11.2	127.3	8.16	17.1	6.152	124.7	15.67	11.74	59.82	58.77	52.77	50.87	0	0.01	26.49	1.126	0.136	12.86
10/25/2013 0:00	36929	10.05	127.9	7.676	15.31	5.546	124	15.57	9.95	57.93	56.8	57.25	54.8	0	0.003	26.5	1.205	0.079	12.78
10/25/2013 1:00	36930	8.83	116	7.91	17.1	4.797	110	16.07	13.52	55.06	53.84	62.7	59.43	0	0.001	26.49	1.275	0.07	12.88
10/25/2013 2:00	36931	8.1	111.1	7.694	11.74	4.446	103.8	15.63	8.16	53.81	52.42	66.48	62.84	0	0	26.48	1.338	0.063	12.43
10/25/2013 3:00	36932	9.51	82.3	16.29	13.52	5.585	75.24	21.6	11.74	51.59	50.79	71.67	66.07	0	0	26.47	0.831	-0.507	12.46
10/25/2013 4:00	36933	11.15	71.32	8.03	17.1	6.812	64.94	17.4	13.52	49.63	49.24	80.1	72.19	0	0	26.47	0.942	0.111	12.95
10/25/2013 5:00	36934	12.21	73.74	7.421	17.1	7.303	65.39	17.65	11.74	49.88	49.57	83.3	75.02	0	0	26.47	1.072	0.13	12.83

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/25/2013 6:00	36935	12.77	75.57	8.49	20.68	7.651	68.61	18.23	13.52	49.38	49.03	85.4	76.86	0	0.001	26.47	1.094	0.022	13.05
10/25/2013 7:00	36936	11.86	73.37	7.446	17.1	7.184	65.75	17.37	13.52	48.49	48.16	87.1	78.23	0	0	26.49	1.136	0.041	12.91
10/25/2013 8:00	36937	12.87	71.07	7.45	18.89	8.02	65.13	16.82	13.52	47.56	47.34	88.7	79.4	0	0.551	26.5	1.145	0.01	12.79
10/25/2013 9:00	36938	15.69	77.25	8.85	24.26	9.5	70.4	18.91	18.89	46.88	46.84	89.3	79.55	0	21.32	26.49	1.116	-0.029	12.62
10/25/2013 10:00	36939	12.54	67.2	13.77	20.68	7.473	60.16	20.8	15.31	47.57	47.66	86.7	77.38	0	92.1	26.51	1.04	-0.076	12.62
10/25/2013 11:00	36940	12.42	38.43	18.79	20.68	7.285	30.98	19.86	15.31	51.13	51.82	78.32	70.21	0	377	26.57	0.422	-0.619	12.79
10/25/2013 12:00	36941	7.504	10.84	12.34	13.52	5.657	5.947	15.2	11.74	53.21	53.64	74.73	67.4	0	144.6	26.62	0.381	-0.041	13.02
10/25/2013 13:00	36942	10.98	68.08	23.84	29.63	7.008	63.93	28.51	20.68	53.21	53.16	78.67	72.66	0.02	72.4	26.57	1.227	0.847	13
10/25/2013 14:00	36943	14.48	94	13.78	24.26	9.23	90.2	21.28	18.89	55.94	56.15	76.3	71.72	0.01	379.7	26.49	1.386	0.159	13.06
10/25/2013 15:00	36944	10.14	130.1	15.84	17.1	6.596	129.3	22.15	13.52	61.43	62.32	68.44	63.76	0	403.9	26.54	1.63	0.244	12.79
10/25/2013 16:00	36945	11.02	111.5	15.88	22.47	7.577	108.7	22.46	17.1	63.66	64.7	65.07	60.81	0	454.6	26.53	1.478	-0.152	12.89
10/25/2013 17:00	36946	14.5	140.5	12.69	24.26	8.97	140.4	19.16	18.89	66.18	67.1	58.74	55.45	0	386.1	26.53	0.038	-1.439	12.87
10/25/2013 18:00	36947	13.95	144.2	11.55	22.47	8.36	143.1	19.04	15.31	65.65	66.16	59.41	56.25	0	225.1	26.52	0.181	0.143	12.95
10/25/2013 19:00	36948	9.89	127	12.04	17.1	5.98	124.6	18.63	13.52	64.27	63.91	61.87	59.34	0	55.96	26.49	1.116	0.935	12.77
10/25/2013 20:00	36949	7.916	117.8	8.32	11.74	4.547	113.7	15.71	8.16	62.53	61.68	65.13	62.69	0	1.951	26.48	1.252	0.136	12.71
10/25/2013 21:00	36950	8.35	131.6	8.99	11.74	4.335	127.1	15.43	9.95	60.24	58.96	68.63	66.1	0	0.024	26.47	1.373	0.121	12.77
10/25/2013 22:00	36951	7.565	123.5	7.028	11.74	3.929	116.4	14.64	8.16	57.61	56.3	74.28	70.5	0	0.008	26.47	1.335	-0.038	12.59
10/25/2013 23:00	36952	8.89	138.8	10.78	13.52	4.616	134.6	17.88	9.95	56.12	54.57	77.68	73.89	0	0.004	26.46	1.453	0.118	12.64
10/26/2013 0:00	36953	7.926	129	9.31	11.74	3.93	122.7	16.28	8.16	55.65	54.27	79.52	74.95	0	0.002	26.45	1.434	-0.019	12.61
10/26/2013 1:00	36954	7.835	117.4	7.22	15.31	4.178	110.1	15.44	8.16	54.18	52.94	83.5	77.81	0	0.001	26.43	1.329	-0.105	12.67
10/26/2013 2:00	36955	6.027	60.65	40.43	11.74	3.2	47.94	39.67	8.16	53.57	52.19	84.4	78.78	0	0	26.42	1.358	0.029	12.82
10/26/2013 3:00	36956	5.585	49.16	18.83	8.16	2.418	47.6	18.3	6.368	53.51	51.37	84.3	79.86	0	0.001	26.41	1.361	0.003	12.64
10/26/2013 4:00	36957	7.669	28.39	14.18	13.52	4.385	24.99	15.45	11.74	51.14	50.36	88.2	80.5	0	0.001	26.4	1.221	-0.14	12.61
10/26/2013 5:00	36958	9.31	21.76	9.97	13.52	6.042	19.5	12.32	11.74	51.25	50.66	88.7	80.7	0	0	26.39	1.266	0.044	12.6
10/26/2013 6:00	36959	7.257	32.34	13.19	13.52	4.14	32.12	17.29	11.74	50.66	49.97	89.9	81.6	0	0	26.38	1.247	-0.019	12.23
10/26/2013 7:00	36960	5.513	51.48	13.75	8.16	2.306	60.72	20.58	6.368	51.05	49.27	89.6	82.5	0	0	26.37	1.24	-0.006	12.43
10/26/2013 8:00	36961	6.022	110.9	11.1	9.95	2.381	95.8	18.64	4.578	50.21	46.86	91.4	85.3	0	0.289	26.36	1.291	0.051	12.71
10/26/2013 9:00	36962	4.955	165.2	32.36	8.16	1.949	179.6	33.63	4.578	51.02	49.62	91.6	85.5	0	62.16	26.37	1.522	0.232	12.25
10/26/2013 10:00	36963	5.398	279.2	46.94	13.52	4.499	277.2	45.48	9.95	53.86	53.93	86.4	78.47	0	246.3	26.44	2.467	0.945	12.25
10/26/2013 11:00	36964	7.218	353.4	15.95	13.52	5.662	349	18.17	11.74	58.44	59.18	77.54	71.22	0	426.6	26.51	1.256	-1.212	12.71
10/26/2013 12:00	36965	6.888	336.7	21.73	13.52	5.584	334.9	23.53	13.52	61.55	62.32	71.64	66.26	0	615.9	26.55	0.688	-0.568	12.93
10/26/2013 13:00	36966	8.02	313.8	17.18	13.52	6.684	312.3	19.86	13.52	65.08	65.6	64.14	60.22	0	704.9	26.57	0.935	0.247	12.85
10/26/2013 14:00	36967	8.5	297.6	22.84	17.1	6.853	294.9	27.87	13.52	69.35	70.08	52.96	50.87	0	748.5	26.56	0.612	-0.323	12.85
10/26/2013 15:00	36968	7.975	315.1	30.91	20.68	6.336	311.9	34.21	15.31	73.37	73.97	40.77	41.1	0	724	26.54	0.745	0.133	12.77
10/26/2013 16:00	36969	10.54	315.8	18.43	20.68	8.71	313.9	20.07	18.89	74.79	75.41	29.41	29.67	0	646.6	26.53	0.935	0.19	12.85
10/26/2013 17:00	36970	11.23	325.3	17.28	20.68	9.22	321.9	18.24	17.1	75.24	75.73	28.34	28.38	0	500.6	26.52	0.358	-0.577	12.81
10/26/2013 18:00	36971	11.1	348	14.77	18.89	8.56	342.9	15.75	17.1	73.92	74.49	30.84	30.93	0	311.4	26.51	-0.992	-1.35	12.91
10/26/2013 19:00	36972	13.32	9.49	9.94	20.68	9.41	5.121	12.99	17.1	72.08	72.05	33.92	34.22	0	100	26.51	-1.832	-0.84	12.91
10/26/2013 20:00	36973	11.81	10.26	8.85	18.89	8.19	6.207	11.74	15.31	67.21	66.73	38.71	38.63	0	1.441	26.5	-1.915	-0.083	12.86
10/26/2013 21:00	36974	10.75	14.13	9.42	17.1	7.783	11.09	11.08	13.52	63.39	62.97	44.89	43.4	0	0.02	26.49	-1.883	0.032	12.99
10/26/2013 22:00	36975	12.11	20.55	9.55	20.68	8.73	16.09	11.17	15.31	60.66	60.29	49.63	47.12	0	0.012	26.5	-1.83	0.054	12.88
10/26/2013 23:00	36976	11.96	27.82	9.26	17.1	7.566	23.7	11.26	17.1	58.06	57.69	52.76	49.57	0	0.006	26.5	-1.649	0.181	12.51
10/27/2013 0:00	36977	10.09	32.34	10.99	17.1	6.04	28.25	12.98	15.31	55.69	55.31	56.32	52.34	0	0.002	26.49	-0.926	0.723	12.32
10/27/2013 1:00	36978	8.57	38.54	10.02	17.1	4.782	33.17	12.38	11.74	53.41	52.96	60.76	56.03	0	0.001	26.48	-0.657	0.27	12.46
10/27/2013 2:00	36979	11.39	41.9	9.34	17.1	6.064	36.89	12.49	13.52	52.91	52.45	60.23	55.55	0	0.001	26.46	0.063	0.72	13.06

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
10/27/2013 3:00	36980	9.8	30.81	12.24	15.31	6.528	23.73	14.58	13.52	50.86	50.47	63.93	58.38	0	0	26.45	-0.203	-0.266	12.68	
10/27/2013 4:00	36981	8.12	15.11	18.86	15.31	5.515	10.37	20.21	13.52	47.78	47.45	69.43	62.66	0	0	26.43	1.18	1.383	12.73	
10/27/2013 5:00	36982	4.761	351.6	32.16	9.95	2.861	351.7	32.76	8.16	45.28	44.66	74.07	66.7	0	0	26.41	1.234	0.054	12.66	
10/27/2013 6:00	36983	7.342	10.01	9.02	11.74	4.773	4.172	11.38	9.95	45.23	44.39	73.81	67.19	0	0	26.4	1.044	-0.19	12.45	
10/27/2013 7:00	36984	6.505	10.6	10.66	9.95	4.042	360	15.95	8.16	45.04	44.33	73.15	66.49	0	0	26.39	1.231	0.187	12.65	
10/27/2013 8:00	36985	8.94	12.25	9.31	13.52	5.946	6.488	13.21	11.74	44.4	43.68	73.19	66.57	0	0.263	26.38	0.771	-0.46	12.24	
10/27/2013 9:00	36986	3.837	337.5	24.02	8.16	2.351	327.2	25.9	6.368	44.99	44.27	71.47	65.5	0	62.66	26.39	1.421	0.65	12.64	
10/27/2013 10:00	36987	4.848	289.7	18.56	8.16	4.108	285.7	21.46	8.16	48.13	48.56	66.89	59.43	0	261.4	26.45	1.484	0.063	12.79	
10/27/2013 11:00	36988	2.644	339.4	36.95	6.368	1.963	334.6	30.73	6.368	56.25	56.22	47.5	45.68	0	458.8	26.51	0.805	-0.679	12.88	
10/27/2013 12:00	36989	2.791	240.8	52.18	8.16	2.109	244.4	48.66	8.16	61.71	61.4	39.44	38.86	0	610.3	26.55	0.453	-0.352	12.91	
10/27/2013 13:00	36990	3.944	241.4	51.57	8.16	3.068	246.3	50.21	8.16	64.56	64.06	36.3	36.13	0	732	26.56	1.087	0.634	12.83	
10/27/2013 14:00	36991	4.913	237.4	39.54	9.95	3.976	234.2	41.41	8.16	66.19	66.14	33.21	32.49	0	779.8	26.53	-0.013	-1.1	12.78	
10/27/2013 15:00	36992	5.074	210.3	44.46	13.52	3.759	214.2	36.77	9.95	68.92	69	28.69	28.05	0	752.3	26.5	-0.409	-0.396	12.97	
10/27/2013 16:00	36993	6.022	200.9	29.48	11.74	4.518	202.2	31.57	9.95	70.12	70.34	28.47	27.67	0	665.4	26.46	-0.203	0.206	12.85	
10/27/2013 17:00	36994	7.848	202.3	23.1	13.52	5.631	204.8	26.79	11.74	70.5	71.14	29.13	28.19	0	481.3	26.44	0.136	0.339	12.87	
10/27/2013 18:00	36995	7.813	196.1	16.44	13.52	5.136	197.6	19.64	9.95	68.94	68.99	28.52	28.12	0	166	26.4	0.488	0.352	13.01	
10/27/2013 19:00	36996	7.306	186.9	8.55	11.74	3.72	188.3	13.82	8.16	66.63	65.71	32.69	33.38	0	61.77	26.35	1.471	0.983	13.11	
10/27/2013 20:00	36997	5.225	159.3	13.31	8.16	1.137	103.1	10.41	4.578	64.17	60	35.87	41.88	0	1.886	26.32	1.849	0.377	12.99	
10/27/2013 21:00	36998	6.408	144.5	6.028	9.95	1.926	108.9	11.86	4.578	60.91	56.5	42.91	49.01	0	0.002	26.29	2.039	0.191	12.81	
10/27/2013 22:00	36999	8.42	142.2	6.315	11.74	3.475	135.1	14.71	8.16	58.66	55.46	48.59	50.89	0	0.001	26.28	1.859	-0.18	12.82	
10/27/2013 23:00	37000	9.15	144.2	7.515	13.52	4.723	140.8	14.65	8.16	57.73	56.22	55.32	53.57	0	0.001	26.28	2.471	0.612	12.78	
10/28/2013 0:00	37001	7.937	144.9	8.29	11.74	3.809	139.6	15.55	6.368	56.38	54.83	62.27	59.71	0	0	26.27	1.903	-0.568	12.77	
10/28/2013 1:00	37002	7.905	143.8	7.976	17.1	3.937	140.1	15.44	8.16	56.81	55.26	67.3	64.05	0	0	26.26	2.062	0.159	12.73	
10/28/2013 2:00	37003	7.434	147	7.988	13.52	3.616	145.2	15.95	6.368	56.59	55.19	74.45	70.11	0	0.001	26.25	2.02	-0.041	12.63	
10/28/2013 3:00	37004	5.949	147.4	7.889	9.95	2.036	143.2	12.8	6.368	55.2	53.64	81.4	75.91	0	0.001	26.24	1.833	-0.187	12.73	
10/28/2013 4:00	37005	4.369	137.2	11.91	8.16	0.387	131.4	5.598	4.578	54.28	52.45	87.8	81.4	0	0	26.22	1.986	0.152	12.69	
10/28/2013 5:00	37006	3.708	117.3	15.25	6.368	0	0	0	0	54.24	52.55	92.9	85	0	0.001	26.21	2.648	0.663	12.6	
10/28/2013 6:00	37007	3.987	127.7	15.65	6.368	0	0	0	0	53.66	52	96.5	86.7	0	0.001	26.21	2.604	-0.044	12.51	
10/28/2013 7:00	37008	3.071	126.4	23.37	4.578	0	0	0	0	54.63	53.23	98.7	88.2	0	0	26.21	2.791	0.187	12.72	
10/28/2013 8:00	37009	4.088	65.2	15.98	6.368	1.08	57.08	6.457	4.578	54.57	53.4	98.3	88.3	0	0.144	26.22	2.357	-0.435	12.67	
10/28/2013 9:00	37010	3.678	72.25	15.15	6.368	0.757	62.32	5.371	4.578	54.05	52.29	98.3	89.2	0	36.64	26.24	2.141	-0.216	12.62	
10/28/2013 10:00	37011	4.604	109.3	48.07	13.52	2.232	127.6	48.34	9.95	58.27	58.18	94.1	88.8	0	190.6	26.26	2.47	0.329	12.8	
10/28/2013 11:00	37012	10.52	180	12.66	18.89	6.849	181.9	19.73	13.52	65.13	65.95	81.5	75.49	0	402.3	26.32	2.546	0.076	12.79	
10/28/2013 12:00	37013	13.16	187.1	13.03	20.68	8.56	189.5	18.23	17.1	69.28	70.51	70.57	65.03	0	592.4	26.37	2.555	0.009	12.78	
10/28/2013 13:00	37014	14.52	195.9	11.26	22.47	9.62	198.4	16.62	17.1	72.92	74.19	57.68	54.66	0	674.9	26.38	-0.311	-2.865	12.82	
10/28/2013 14:00	37015	14.81	209.4	13.35	24.26	10.15	210.4	16.63	18.89	75.74	76.94	46.25	45.25	0	739.3	26.37	-1.16	-0.849	12.89	
10/28/2013 15:00	37016	13.37	216.8	12.77	24.26	9.41	215.9	15.6	20.68	77.66	78.61	38.52	38.79	0	633.7	26.35	-1.182	-0.022	12.9	
10/28/2013 16:00	37017	11.66	206.2	17.38	20.68	8.14	206.8	19.59	15.31	79.63	80.5	31.7	31.98	0	633.7	26.33	-1.166	0.016	12.83	
10/28/2013 17:00	37018	14.39	194.5	12.76	22.47	9.32	196.5	16.96	18.89	79.94	80.8	28.37	28.45	0	457	26.32	-1.29	-0.124	12.76	
10/28/2013 18:00	37019	12.51	194.3	10.99	20.68	7.944	196.2	15.99	15.31	79.01	79.11	27.01	26.81	0	212.9	26.31	-1.097	0.193	12.91	
10/28/2013 19:00	37020	10.67	172.6	12.25	17.1	6.122	172.6	17.87	11.74	76.27	75.56	34.23	35.01	0	54.63	26.3	0.824	1.921	12.91	
10/28/2013 20:00	37021	9.17	150.2	7.362	17.1	4.878	148.6	14.68	11.74	72.07	70.85	51.93	51.87	0	0.489	26.29	1.233	0.409	12.89	
10/28/2013 21:00	37022	11.74	151.1	9.8	18.89	6.763	150.6	16.64	15.31	70.43	69.81	65.29	62.66	0	0.063	26.3	1.281	0.048	12.89	
10/28/2013 22:00	37023	14.15	165	8.82	24.26	8.26	166.2	15.96	18.89	68.22	67.68	76.16	71.57	0	0.063	26.31	1.401	0.12	12.83	
10/28/2013 23:00	37024	12.98	172.6	9.88	22.47	7.615	173.6	16.79	17.1	66.28	65.83	85	79.13	0	0.04	26.31	1.649	0.247	12.91	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/29/2013 0:00	37025	10.16	180.7	8.73	15.31	5.942	182.2	15.76	13.52	64.81	64.24	89.6	83.3	0	0.026	26.32	1.915	0.266	12.83
10/29/2013 1:00	37026	9.2	182.8	9.75	22.47	5.544	185.7	16.49	13.52	64.09	63.67	92.8	85.7	0	0.028	26.31	1.969	0.054	12.75
10/29/2013 2:00	37027	10.76	180.9	9.32	17.1	6.517	184	16.79	13.52	64.06	63.9	94.7	86.7	0	0.025	26.3	2.302	0.333	12.65
10/29/2013 3:00	37028	12.96	182.1	9.46	24.26	7.917	184.1	16.88	17.1	64.57	64.5	94.9	86.9	0	0.043	26.3	2.543	0.241	12.71
10/29/2013 4:00	37029	14.88	183.1	9.12	22.47	8.87	184.6	16.15	17.1	64.58	64.51	95.4	87.2	0	0.06	26.3	2.46	-0.082	12.84
10/29/2013 5:00	37030	14.42	179.9	8.71	24.26	8.74	182.4	16.63	17.1	64.49	64.41	95.7	87.5	0	0.045	26.3	2.514	0.054	12.67
10/29/2013 6:00	37031	12.38	180.4	8.63	18.89	7.557	182.9	16	13.52	64.09	64.05	96.4	88	0	0.065	26.3	2.527	0.013	12.52
10/29/2013 7:00	37032	10.6	195.6	17.11	20.68	6.722	197.9	20.15	13.52	63.86	63.81	96.1	88.3	0	0.047	26.32	2.432	-0.095	12.69
10/29/2013 8:00	37033	12.83	177.6	9.24	20.68	7.812	179.5	16.44	17.1	63.47	63.37	95.5	88	0	0.122	26.33	2.629	0.197	12.67
10/29/2013 9:00	37034	11.34	172.9	9.17	20.68	6.797	173.2	16.8	13.52	63.43	63.3	95	87.6	0	19.12	26.33	2.416	-0.212	12.72
10/29/2013 10:00	37035	10.38	188.9	13.9	15.31	6.563	192.1	18.9	11.74	64.16	64.2	93.2	86.2	0	97.2	26.35	2.606	0.19	12.77
10/29/2013 11:00	37036	12.59	200.9	8.87	18.89	8.23	202.7	14.03	15.31	66.01	66.39	87	80.5	0	241.9	26.38	2.118	-0.488	12.86
10/29/2013 12:00	37037	12.45	197.4	10.01	18.89	8.25	198.8	15.33	13.52	68.07	68.74	80.5	74.1	0	345.9	26.39	1.417	-0.701	12.86
10/29/2013 13:00	37038	10.93	192.1	12.66	17.1	7.225	194	18.23	13.52	71.28	71.97	68.07	64.31	0	407.2	26.39	0.723	-0.694	12.74
10/29/2013 14:00	37039	12.01	185.6	11.41	17.1	7.579	187.2	17.68	13.52	73.72	74.28	54.98	53.56	0	361	26.38	-0.399	-1.122	12.78
10/29/2013 15:00	37040	11.65	193.5	11.65	18.89	7.716	195.1	16.24	13.52	76.08	76.57	39.27	39.99	0	420.4	26.36	-1.062	-0.662	12.87
10/29/2013 16:00	37041	10.26	190.3	17.03	17.1	6.817	192.8	21.62	13.52	78.78	79.25	26.02	26.69	0	463.1	26.36	-1.189	-0.127	13.04
10/29/2013 17:00	37042	10.77	172.8	17.71	17.1	6.976	174.4	22.79	13.52	80.6	81.3	21.9	21.94	0	491.2	26.36	-1.306	-0.117	12.98
10/29/2013 18:00	37043	10.15	176.4	14.38	17.1	6.358	177.3	21.08	11.74	80.1	80.7	26.37	26.64	0	310	26.36	-1.382	-0.076	13.16
10/29/2013 19:00	37044	9.38	165.3	8.89	18.89	4.942	163.9	15.9	15.31	76.89	76.17	30.99	32.23	0	70.91	26.35	1.464	2.846	12.93
10/29/2013 20:00	37045	6.429	139.6	11.81	9.95	2.262	109.7	17.52	6.368	70.88	67.53	46.73	50.08	0	0.673	26.32	2.242	0.777	13.02
10/29/2013 21:00	37046	8.6	127.5	8.09	15.31	4.224	116.1	17.56	9.95	68.64	65.99	61.34	61.74	0	0.035	26.3	1.963	-0.279	12.88
10/29/2013 22:00	37047	10.74	147.8	7.975	15.31	5.962	145.9	15.3	11.74	68.11	67.33	79.5	75.28	0	0.056	26.3	2.023	0.06	12.82
10/29/2013 23:00	37048	9.05	150	8.59	15.31	5.115	148	15.54	9.95	66.68	65.92	84.7	79.84	0	0.048	26.3	1.95	-0.073	12.86
10/30/2013 0:00	37049	12.65	156.8	8.29	22.47	7.483	156.6	15.97	17.1	66.21	65.63	87.2	81.9	0	0.053	26.29	2.077	0.127	12.64
10/30/2013 1:00	37050	14.8	163.9	10.09	24.26	8.71	164.4	16.37	18.89	66.23	65.87	89.6	83.7	0	0.063	26.28	2.4	0.323	12.61
10/30/2013 2:00	37051	13.89	174.7	10.92	22.47	8.15	175.7	17.68	15.31	66.07	65.86	91.4	85	0	0.063	26.27	2.578	0.178	12.6
10/30/2013 3:00	37052	14.95	180	9.73	26.05	8.91	181.8	16.49	17.1	66.09	65.96	91.8	85.3	0	0.069	26.27	2.54	-0.038	12.67
10/30/2013 4:00	37053	14.98	187.2	8.92	24.26	9.23	188.9	15.86	17.1	66.24	66.13	91.3	84.8	0	0.074	26.27	2.448	-0.092	12.73
10/30/2013 5:00	37054	13.48	192.6	9.23	22.47	8.46	194.8	14.89	17.1	65.81	65.7	92.9	85.8	0	0.077	26.26	2.378	-0.07	12.62
10/30/2013 6:00	37055	11.69	200.5	8.64	18.89	7.419	202.1	14.03	13.52	65.22	65.1	95	87.5	0	0.051	26.25	2.622	0.244	12.62
10/30/2013 7:00	37056	9.36	205.3	11.43	15.31	6.047	206.7	14.55	13.52	64.48	64.35	96.3	88.3	0	0.063	26.26	2.698	0.076	12.21
10/30/2013 8:00	37057	5.882	210.8	10.86	9.95	3.766	212.5	13.47	8.16	63.85	63.63	97.4	89.1	0	0.184	26.27	2.559	-0.14	12.33
10/30/2013 9:00	37058	6.682	201.4	14.46	9.95	4.193	204.9	18.43	8.16	63.23	63.09	98.1	89.7	0	24.18	26.28	2.635	0.076	12.37
10/30/2013 10:00	37059	6.131	213.3	12.23	9.95	4.355	214.1	15.43	8.16	63.89	63.87	97.3	90.8	0	95.2	26.3	2.892	0.257	12.97
10/30/2013 11:00	37060	5.525	241.5	13.83	8.16	4.378	237.5	15.69	8.16	66.58	66.32	80.9	78.98	0	144.7	26.32	2.701	-0.19	12.51
10/30/2013 12:00	37061	6.458	219.9	15.74	11.74	4.643	216.8	16.9	9.95	69.18	69.11	58.97	57.89	0	228	26.32	9.42	6.719	12.8
10/30/2013 13:00	37062	6.014	243.4	19.09	11.74	4.751	240.4	19.78	8.16	70.24	70.19	53.79	52.91	0	233.3	26.32	1.674	-7.746	12.84
10/30/2013 14:00	37063	7.954	200.3	22.54	13.52	5.46	200.1	24.5	11.74	71.86	72.04	45.98	46.12	0	306.7	26.3	0.469	-1.205	12.65
10/30/2013 15:00	37064	12	220.9	14.47	20.68	8.58	219.3	16.43	18.89	75.22	75.44	34.73	35.6	0	381.6	26.28	-1.322	-1.791	12.88
10/30/2013 16:00	37065	13.85	204.2	15.46	22.47	9.07	204.6	18.87	17.1	75.69	76.13	32.93	33.41	0	343.3	26.26	-1.376	-0.054	12.35
10/30/2013 17:00	37066	13.62	198.1	10.67	22.47	8.84	199.1	15.35	17.1	74.92	75.08	33.89	34.2	0	206.4	26.24	-1.55	-0.174	12.89
10/30/2013 18:00	37067	11.62	190.2	9.73	18.89	7.204	192.1	15.32	13.52	73.55	73.36	39.39	39.85	0	92.6	26.21	0.067	1.617	12.54
10/30/2013 19:00	37068	13.43	264.4	55.18	34.99	9.98	265	54.77	27.84	66.58	66.24	60.94	58.43	0.04	5.931	26.22	1.655	1.588	12.51
10/30/2013 20:00	37069	8.19	308	24.27	17.1	5.885	303.9	26.42	15.31	60.83	60.17	81.8	78.82	0.01	0.139	26.18	1.471	-0.184	12.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
10/30/2013 21:00	37070	7.064	268.8	38.88	17.1	4.695	264	42.89	13.52	60.62	60.05	83.2	79.32	0.06	0.012	26.18	1.83	0.359	12.58
10/30/2013 22:00	37071	7.572	224	12.98	15.31	4.594	222	16.22	9.95	59.85	59.27	86.4	81.4	0.01	0.019	26.17	2.055	0.225	12.86
10/30/2013 23:00	37072	9.24	225.7	10.1	18.89	5.767	224.9	13.33	13.52	60.52	59.87	83.9	79.28	0.01	0.022	26.16	2.375	0.32	12.36
10/31/2013 0:00	37073	10.76	241.9	9.24	17.1	7.526	238.1	11.13	11.74	61.28	60.69	77.37	72.83	0	0.016	26.17	2.613	0.238	12.47
10/31/2013 1:00	37074	9.74	237.6	9.74	20.68	6.683	234	11.28	15.31	60.62	60.14	78.18	72.66	0	0.02	26.17	2.813	0.2	12.51
10/31/2013 2:00	37075	9.5	233.1	9.08	15.31	6.191	231	12.05	11.74	59.67	59.13	80.9	74.64	0	0.019	26.18	2.483	-0.33	12.62
10/31/2013 3:00	37076	9.41	312.6	18.66	18.89	7.022	313.1	18.33	13.52	57.44	56.6	76.55	72.28	0	0.003	26.19	2.315	-0.168	12.51
10/31/2013 4:00	37077	9.49	321.8	10.03	15.31	6.984	321.1	10.46	11.74	54.73	53.79	56.83	56.01	0	0.001	26.2	1.852	-0.463	12.59
10/31/2013 5:00	37078	10.02	320.7	10.88	15.31	6.952	319.7	11.19	11.74	52.04	50.66	51.02	51.79	0	0.001	26.2	1.783	-0.07	12.56
10/31/2013 6:00	37079	10.67	301.1	9.01	17.1	8.09	299.5	11.26	13.52	49.88	49.04	51.25	49.39	0	0	26.19	1.691	-0.092	12.61
10/31/2013 7:00	37080	10.09	305.3	9.67	15.31	7.641	303.4	11.22	11.74	47.23	46.54	55.85	52.47	0	0	26.19	1.719	0.029	12.48
10/31/2013 8:00	37081	10.04	304.6	9.51	15.31	7.312	303.5	11.86	11.74	45.52	44.65	58.46	55.11	0	0.088	26.2	1.783	0.064	12.17
10/31/2013 9:00	37082	9.93	304.8	12.14	15.31	7.421	303.3	14.39	11.74	45.76	44.97	57.95	54.15	0	56.9	26.2	2.183	0.4	12.25
10/31/2013 10:00	37083	13.38	317.4	9.31	20.68	10.45	317	10.11	17.1	50.45	50.29	48.72	45.88	0	257.5	26.26	2.411	0.228	12.21
10/31/2013 11:00	37084	18.49	317.9	8.92	33.21	14.01	317.1	10.67	27.84	56.46	56.45	37.25	36.25	0	458.2	26.33	1.275	-1.136	12.49
10/31/2013 12:00	37085	22.78	316.1	8.93	36.78	17.97	314.9	10.21	33.21	59.16	59.29	30.36	28.97	0	619.6	26.35	0.346	-0.929	12.69
10/31/2013 13:00	37086	21.21	312.8	10.68	34.99	16.95	311.8	11.59	29.63	61.4	61.77	26.64	24.84	0	724.8	26.36	0.59	0.244	12.8
10/31/2013 14:00	37087	18.09	306.4	10.74	27.84	13.39	305.1	16	26.05	63.56	64.31	24.11	21.85	0	767.4	26.35	0.431	-0.159	12.71
10/31/2013 15:00	37088	16.93	299.9	13.42	26.05	10.62	298.4	22.02	20.68	65.23	66.29	21.98	19.34	0	739.1	26.34	0.808	0.377	12.7
10/31/2013 16:00	37089	14.06	285.2	18.15	24.26	9.58	280.1	26.87	18.89	66.75	67.68	19.07	16.68	0	650	26.32	0.529	-0.279	12.72
10/31/2013 17:00	37090	11.94	277.3	17.48	20.68	8.56	273.1	22.69	17.1	67.62	68.32	18.05	15.9	0	498.4	26.3	0.732	0.203	12.97
10/31/2013 18:00	37091	10.63	259.5	20.25	18.89	7.882	255.7	23.25	15.31	68.2	68.5	17.79	15.6	0	306.9	26.28	-0.659	-1.392	12.78
10/31/2013 19:00	37092	9.05	231.9	14.25	15.31	6.233	228.6	15.09	11.74	66.64	66.01	21.85	20.61	0	93.1	26.26	1.072	1.731	12.95
10/31/2013 20:00	37093	7.882	207.1	5.438	11.74	3.715	203.6	11.32	8.16	61.81	58.97	28.65	30.87	0	0.935	26.22	1.744	0.672	12.9
10/31/2013 21:00	37094	6.026	226.1	20.39	9.95	2.236	223.3	25.41	6.368	58.68	55.35	32.88	36.02	0	0.005	26.19	1.77	0.026	12.61
10/31/2013 22:00	37095	5.838	247.7	19.34	8.16	2.268	236.6	28.31	4.578	54.14	50.68	43.95	48.15	0	0	26.17	1.716	-0.054	12.22
10/31/2013 23:00	37096	6.507	243.2	8.25	9.95	2.451	247.6	12.1	4.578	52.69	48.61	47.07	52.26	0	0	26.16	1.947	0.232	12.62
11/1/2013 0:00	37097	7.531	255	11.43	13.52	3.966	250.5	14.48	9.95	52.36	49.09	44	48.2	0	0	26.16	2.493	0.546	12.58
11/1/2013 1:00	37098	5.201	258.1	17.77	13.52	2.049	251.1	15.95	9.95	50.74	47.57	42.86	47.12	0	0	26.17	1.992	-0.501	12.58
11/1/2013 2:00	37099	4.611	253.1	17.85	6.368	0.483	246	16.03	4.578	49.78	44.29	43.62	54.59	0	0	26.16	1.98	-0.012	12.55
11/1/2013 3:00	37100	4.951	251.9	22.29	9.95	1.257	253.6	34.72	6.368	48.74	42.85	46.99	59.6	0	0	26.14	2.151	0.171	12.58
11/1/2013 4:00	37101	6.868	299.3	18.61	17.1	3.303	295.7	33.26	15.31	49.29	43.96	43.62	53.93	0	0	26.14	2.424	0.273	12.6
11/1/2013 5:00	37102	9.95	317.5	7.613	17.1	6.866	317.7	8.95	13.52	48.91	47.62	41.26	40.71	0	0	26.16	2.602	0.178	12.67
11/1/2013 6:00	37103	11.79	314	7.834	18.89	7.891	313.1	8.67	13.52	49.63	48.51	43.1	41.23	0	0	26.17	2.757	0.155	12.51
11/1/2013 7:00	37104	15.17	316.3	8.32	26.05	11.32	317.9	9.69	20.68	53.18	52.29	40.21	38.32	0	0	26.19	1.262	-1.494	12.42
11/1/2013 8:00	37105	17.93	313.8	9.08	29.63	13.01	320.1	11.95	24.26	53.08	52.49	40.4	37.77	0	0.139	26.22	-0.178	-1.44	12.92
11/1/2013 9:00	37106	16.59	312.6	8.09	27.84	11.91	313.6	9.24	24.26	52.87	52.2	41.33	38.57	0	52.84	26.24	0.761	0.939	12.92
11/1/2013 10:00	37107	17.25	308.7	8.23	26.05	11.82	310.1	11.02	22.47	54.54	54.34	39.56	36.64	0	251.2	26.29	0.539	-0.222	13.02
11/1/2013 11:00	37108	17.1	312.7	8.75	24.26	12.32	313.2	10.36	20.68	57.72	57.85	35.16	32.4	0	449.1	26.35	0.663	0.124	13
11/1/2013 12:00	37109	15.4	317.4	12.37	24.26	11.55	316.8	13.87	20.68	61.49	61.91	29.1	26.43	0	607.8	26.39	0.615	-0.048	12.98
11/1/2013 13:00	37110	18.04	336.1	12.38	27.84	14.47	332.8	13.01	24.26	64.33	65.06	23.96	21.12	0	713.6	26.42	-1.1	-1.715	13.14
11/1/2013 14:00	37111	16.96	352.6	16.44	26.05	12.42	348.5	18.33	22.47	66.25	67.26	22.07	19.31	0	753.9	26.43	-1.823	-0.723	13.25
11/1/2013 15:00	37112	14.56	11.31	15.54	24.26	10.36	6.532	18.29	22.47	67.12	68.08	20.67	17.97	0	725.6	26.43	-1.766	0.057	13.08
11/1/2013 16:00	37113	12.77	4.361	18.81	22.47	9.12	358.4	21.88	20.68	68.09	69.06	19.38	16.91	0	635.3	26.43	-1.762	0.003	13.3
11/1/2013 17:00	37114	10.61	14.64	21.25	20.68	6.969	9.16	23.76	15.31	68.66	69.42	18.75	16.31	0	485.7	26.44	-1.686	0.076	13.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/1/2013 18:00	37115	8.89	2.154	17.12	15.31	6.259	356.2	20.32	13.52	68.61	69.26	18.08	15.84	0	289.7	26.44	-1.388	0.298	13.13
11/1/2013 19:00	37116	7.207	19.62	24.95	15.31	4.571	13.13	26.43	11.74	67.17	66.82	20.25	18.94	0	85.2	26.44	-0.561	0.827	13.35
11/1/2013 20:00	37117	6.179	50.05	10.33	11.74	3.308	49.58	15.64	6.368	62.11	60.28	27.75	27.89	0	0.867	26.43	1.484	2.045	13.25
11/1/2013 21:00	37118	7.503	58.77	5.862	9.95	4.054	56.73	13.23	8.16	58.94	56.57	32.09	33.02	0	0.008	26.42	1.161	-0.323	13.12
11/1/2013 22:00	37119	9.23	70.7	4.879	11.74	4.897	60.16	14.61	8.16	56.1	53.69	36.77	37.94	0	0.003	26.43	0.907	-0.254	13.05
11/1/2013 23:00	37120	8.63	72.54	6.598	11.74	4.412	63.2	16.13	6.368	53.08	51.01	43.2	43.08	0	0.002	26.44	1.275	0.368	12.69
11/2/2013 0:00	37121	9.42	72.6	5.526	11.74	4.955	59.95	15.41	8.16	51.01	49.02	48.02	47.1	0	0	26.44	0.999	-0.276	13.09
11/2/2013 1:00	37122	8.92	76.5	7.175	15.31	4.582	63.56	16.46	8.16	49.77	47.86	50.43	49.02	0	0	26.45	1.136	0.136	13.01
11/2/2013 2:00	37123	10.01	72.78	6.317	13.52	5.34	62.99	16.22	9.95	48.95	47.28	51.28	49.23	0	0	26.46	0.33	-0.806	12.87
11/2/2013 3:00	37124	10.02	69.9	6.996	13.52	5.515	61.81	15.52	9.95	47.64	46.09	53.71	50.97	0	0	26.47	0.679	0.349	13.01
11/2/2013 4:00	37125	9.05	61.55	7.357	13.52	5.373	56.6	15.62	9.95	46.53	45.37	56.06	51.77	0	0	26.47	-0.035	-0.714	12.98
11/2/2013 5:00	37126	9.07	60.77	7.706	11.74	5.505	56.24	15.37	9.95	45.33	44.37	59.18	53.86	0	0	26.48	0.159	0.194	12.97
11/2/2013 6:00	37127	5.77	47.1	11.05	11.74	2.935	39.71	15.23	8.16	44.28	43.26	62.27	56.3	0	0	26.48	1.117	0.958	12.92
11/2/2013 7:00	37128	5.068	41.3	10.67	8.16	2.507	27.51	10.7	6.368	43.44	42.27	64.2	58.48	0	0	26.48	1.285	0.168	12.89
11/2/2013 8:00	37129	5.045	28.66	6.769	8.16	2.441	25.1	9.41	6.368	41.48	40.56	68	60.99	0	0.112	26.49	1.317	0.032	13.02
11/2/2013 9:00	37130	5.628	39.3	7.752	8.16	2.525	38.18	10.42	4.578	43.1	41.67	63.61	59.23	0	48.76	26.51	0.854	-0.463	13.17
11/2/2013 10:00	37131	5.275	90.6	30.89	11.74	3.364	87.7	36.77	8.16	49.73	50.29	52.18	47.72	0	239.4	26.56	0.888	0.035	13.43
11/2/2013 11:00	37132	11.34	141	12	17.1	6.913	142.5	19.85	13.52	54.94	56.21	39.74	36.33	0	436.2	26.64	0.926	0.038	13.44
11/2/2013 12:00	37133	12.94	154.9	13.77	20.68	8	156.6	20.85	15.31	58.29	59.73	33.04	29.86	0	596.7	26.67	-1.642	-2.568	13.35
11/2/2013 13:00	37134	12.64	166.9	16.44	22.47	7.911	169.4	22.64	15.31	60.68	62.24	30.32	27.11	0	703.6	26.67	-1.842	-0.199	13.42
11/2/2013 14:00	37135	12.11	177.8	19.24	22.47	7.934	181	23.32	17.1	63.3	64.81	29.01	25.87	0	746.6	26.66	-1.81	0.032	13.39
11/2/2013 15:00	37136	12.04	189.4	16.34	20.68	8.13	193.8	20.71	17.1	64.94	66.32	27.13	24.09	0	721.8	26.62	-1.705	0.105	13.49
11/2/2013 16:00	37137	11.5	181.8	16.99	22.47	7.491	186.7	23.3	13.52	65.93	67.3	26.11	23.09	0	631.3	26.6	-1.718	-0.013	13.61
11/2/2013 17:00	37138	10.61	183.9	16.44	18.89	7.033	187.7	22.03	15.31	66.65	67.78	24.51	21.56	0	483.3	26.57	-1.67	0.048	13.54
11/2/2013 18:00	37139	10.33	182.7	16.85	17.1	6.508	185.5	21.91	11.74	66.6	67.45	24.14	21.46	0	290.9	26.54	-1.373	0.298	13.46
11/2/2013 19:00	37140	8.21	175.8	9.8	15.31	4.318	178.1	16.87	11.74	64.47	63.95	26.33	24.92	0	84	26.52	1.341	2.714	13.47
11/2/2013 20:00	37141	7.44	140.8	10.82	9.95	2.595	120.3	13.78	4.578	58.28	54.29	33.85	37.09	0	0.733	26.47	1.655	0.314	13.16
11/2/2013 21:00	37142	8.51	132.3	8.06	11.74	3.639	124.2	16.48	6.368	54.58	51.53	38.67	40.56	0	0.001	26.43	1.783	0.127	13.27
11/2/2013 22:00	37143	8.26	142.6	5.077	11.74	3.597	137.4	14.01	6.368	52.06	49.2	41.51	42.22	0	0.001	26.41	1.935	0.152	12.64
11/2/2013 23:00	37144	8.6	143.8	6.306	11.74	4.076	139.9	14.29	8.16	50.88	48.67	44.08	43.1	0	0	26.39	2.049	0.114	12.21
11/3/2013 0:00	37145	7.139	148.7	6.146	9.95	2.189	142.1	10.7	6.368	49.55	46.72	46.77	46.6	0	0	26.38	1.811	-0.238	12.91
11/3/2013 1:00	37146	4.52	153.7	5.871	11.74	0	0	0	0	46.37	42.48	51.64	52.32	0	0	26.35	1.802	-0.009	12.7
11/3/2013 2:00	37147	4.838	163.1	9.07	8.16	0.001	131.3	0	2.789	45.93	41.98	52.28	53.07	0	0	26.32	1.767	-0.035	12.92
11/3/2013 3:00	37148	5.987	167.1	12.31	9.95	0.345	150	5.114	4.578	45.49	41.65	54.84	55.76	0	0	26.29	1.894	0.127	12.3
11/3/2013 4:00	37149	4.941	174.8	15.5	8.16	0.375	133.6	13.18	2.789	44.7	41.23	56.47	55.98	0	0	26.27	1.897	0.003	12.87
11/3/2013 5:00	37150	6.791	172.3	10.74	11.74	2.04	174.5	18.23	6.368	44.49	41.07	60.96	60.11	0	0	26.25	2.097	0.2	12.88
11/3/2013 6:00	37151	6.715	156	9.72	11.74	2.805	160.8	14.91	8.16	45.26	43.26	60.18	56.85	0	0	26.22	2.408	0.311	12.74
11/3/2013 7:00	37152	3.603	122.7	19.11	6.368	0.571	84.2	6.713	4.578	44.02	41.49	63.09	60.2	0	0	26.21	2.38	-0.029	12.83
11/3/2013 8:00	37153	5.64	171.9	14.23	15.31	2.272	172.2	13.71	9.95	46.22	44.11	58.46	56.4	0	0.04	26.21	3.284	0.904	12.9
11/3/2013 9:00	37154	10.68	174	12.84	18.89	6.137	177.7	19.35	13.52	50.05	49.35	49.96	46.34	0	12.68	26.22	3.794	0.51	12.87
11/3/2013 10:00	37155	12.28	178.2	9.17	20.68	7.279	182.1	17.33	13.52	51.85	51.56	47.03	43.31	0	75.81	26.25	1.323	-2.471	13.27
11/3/2013 11:00	37156	15.41	185.5	9.59	26.05	9.45	189.3	16.35	18.89	54.34	54.55	44.34	40.62	0	259.1	26.28	0.739	-0.584	13.11
11/3/2013 12:00	37157	16.78	183.8	10.04	24.26	10.24	188.6	16.65	18.89	57.81	58.59	39.72	36.44	0	374.1	26.3	-1.5	-2.239	13.22
11/3/2013 13:00	37158	16.19	185.9	10	24.26	9.98	189.8	16.96	18.89	59.28	59.63	38.26	35.68	0	261.5	26.3	-1.972	-0.472	13.05
11/3/2013 14:00	37159	17.78	185.6	10.91	27.84	11.05	189.5	16.92	20.68	60.16	60.89	40.43	37.18	0	367.5	26.28	-2.026	-0.054	13.27

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/3/2013 15:00	37160	15.39	181.9	13.01	24.26	9.5	185.3	18.18	17.1	62.58	63.26	42	38.97	0	352.2	26.24	-1.966	0.06	13.19
11/3/2013 16:00	37161	14.14	179.5	10.75	24.26	8.58	183.1	17.73	17.1	61.16	61.67	48.49	44.47	0	225.1	26.24	-1.671	0.295	12.9
11/3/2013 17:00	37162	14.17	164	13.48	22.47	8.41	166.8	20.35	17.1	60.99	61.67	50.41	45.84	0	278.8	26.21	-1.652	0.019	13.26
11/3/2013 18:00	37163	16.24	168.9	9.82	26.05	9.52	171.5	17.5	18.89	59.18	59.91	54.89	49.2	0	230.7	26.2	-1.573	0.079	13.27
11/3/2013 19:00	37164	15.2	173.4	9.04	24.26	8.92	177.3	16.81	17.1	55.9	55.82	62.53	56.53	0	37.48	26.18	0.533	2.105	13.07
11/3/2013 20:00	37165	12.05	172.6	10.08	18.89	7.009	175.8	17.64	15.31	52.87	52.53	70.27	63.26	0	0.795	26.17	1.424	0.891	13.06
11/3/2013 21:00	37166	10.73	171.4	11.01	20.68	6.295	174.7	17.22	15.31	50.9	50.55	76.91	68.93	0	0.005	26.15	1.595	0.171	13.16
11/3/2013 22:00	37167	9.14	171	11.18	15.31	5.266	174.3	18.38	9.95	49.63	49.2	81.5	72.84	0	0.002	26.14	1.928	0.333	12.51
11/3/2013 23:00	37168	10.11	178.2	9	17.1	5.966	182.4	16.22	11.74	49.53	49.16	84.6	75.57	0	0.001	26.15	2.062	0.133	13.13
11/4/2013 0:00	37169	10.21	182.7	9.63	17.1	6.202	187.6	16.12	13.52	49.59	49.24	84.3	75.56	0	0.002	26.15	2.024	-0.038	13.09
11/4/2013 1:00	37170	7.529	184.6	8.87	18.89	4.274	187.8	15.49	9.95	48.7	48.02	84.7	76.17	0	0.001	26.15	1.967	-0.057	13.13
11/4/2013 1:00	37171	5.494	191.3	8.51	11.74	1.813	198.1	12.19	4.578	47.33	45.5	87	79.33	0	0	26.13	1.919	-0.048	12.76
11/4/2013 2:00	37172	6.001	186.5	13.62	9.95	2.314	193.4	16.04	6.368	46.22	44.23	89	81.9	0	0	26.12	2.129	0.21	12.5
11/4/2013 3:00	37173	4.048	209.6	9.69	6.368	0.418	217.6	9.04	2.789	45.8	44.01	89.5	82.3	0	0	26.11	2.116	-0.012	12.37
11/4/2013 4:00	37174	4.639	231.9	21.43	8.16	1.26	235.8	16.72	4.578	45.86	43.68	88.8	82.3	0	0	26.1	2.164	0.048	13.02
11/4/2013 5:00	37175	5.178	279	18.63	8.16	1.999	289.8	20.86	4.578	45.96	43.32	89.1	82.7	0	0	26.11	2.278	0.114	12.28
11/4/2013 6:00	37176	3.731	256	14.06	6.368	0.086	198.4	8.21	2.789	45.79	42.23	89.6	83.6	0	0	26.1	2.231	-0.048	12.32
11/4/2013 7:00	37177	3.832	222.7	13.75	6.368	0	0	0	0	45.29	41.62	90.9	84.6	0	0.008	26.11	2.142	-0.089	12.99
11/4/2013 8:00	37178	3.936	220.4	24.4	8.16	1.06	242.3	38.54	4.578	45.89	43.24	90.4	85	0	41.33	26.13	2.653	0.511	12.19
11/4/2013 9:00	37179	5.245	219.4	12.94	9.95	3.975	221.5	14.29	8.16	51.21	51.21	84	75.86	0	249.3	26.18	2.953	0.3	12.39
11/4/2013 10:00	37180	7.367	206.1	12.22	11.74	5.386	208.6	16.67	9.95	57.27	58.01	75.09	66.94	0	413.5	26.27	2.898	-0.055	13.22
11/4/2013 11:00	37181	7.733	219.1	13.11	13.52	5.925	219.8	16.06	9.95	61.99	62.63	67.4	60.84	0	566.8	26.33	2.824	-0.074	13.21
11/4/2013 12:00	37182	7.235	212.4	19.17	13.52	5.5	213.8	20.68	11.74	65.28	65.93	60.87	56.07	0	572.4	26.35	1.369	-1.455	13.04
11/4/2013 13:00	37183	6.651	200	25.31	11.74	4.967	203.5	29.63	11.74	69.98	70.54	51.22	48.83	0	734.8	26.33	0.78	-0.59	13.24
11/4/2013 14:00	37184	6.622	162.7	34.03	15.31	4.614	165.4	40.49	9.95	73.06	74.01	43.54	42.61	0	681.1	26.32	0.447	-0.333	13.24
11/4/2013 15:00	37185	6.977	165.7	26.93	15.31	4.743	167.4	31.38	11.74	74.07	75.04	41.12	40	0	590.3	26.3	-0.07	-0.517	13.16
11/4/2013 16:00	37186	8.08	156	19.64	15.31	5.076	156	24.61	11.74	72.32	72.89	42.04	40.92	0	227.2	26.28	0.919	0.989	13.16
11/4/2013 17:00	37187	11.35	152.6	19.3	18.89	7.06	153.6	24.2	13.52	72.41	73	42.94	41.65	0	229.7	26.25	-0.333	-1.252	13.19
11/4/2013 18:00	37188	10.42	135.3	9.8	17.1	6.102	133.7	16.96	15.31	69.64	69.2	48	46.9	0	46.11	26.24	1.427	1.759	13.12
11/4/2013 19:00	37189	12.36	134.8	8.21	24.26	7.146	133.4	16.06	15.31	65.61	64.69	61.76	58.86	0	0.496	26.22	1.316	-0.111	13.05
11/4/2013 20:00	37190	13.11	139.1	8.61	20.68	7.887	138.6	15.39	17.1	63.15	62.51	69.98	65.54	0	0.035	26.22	1.398	0.082	13.2
11/4/2013 21:00	37191	14.87	142.1	8.88	24.26	8.96	142.6	15.79	17.1	61.33	60.79	74.34	68.96	0	0.02	26.22	1.262	-0.136	13.16
11/4/2013 22:00	37192	14.08	147.5	8.2	20.68	8.34	146.7	15.51	17.1	59.04	58.48	74.84	69.15	0	0.018	26.22	1.326	0.064	13.27
11/4/2013 23:00	37193	12.59	151.4	8.45	20.68	7.231	150.4	15.41	13.52	57.33	56.72	78.94	72.44	0	0.006	26.21	1.494	0.168	12.55
11/5/2013 0:00	37194	14	158.5	8.69	26.05	8.34	158.3	15.67	17.1	57.05	56.5	84.1	76.86	0	0.007	26.2	1.567	0.073	12.27
11/5/2013 1:00	37195	14.44	164.9	9.2	33.21	8.56	166.1	15.8	18.89	56.42	55.94	85.7	78.18	0	0.006	26.19	1.668	0.102	12.2
11/5/2013 2:00	37196	12.27	165.8	9.53	22.47	7.166	166.8	16.04	15.31	55.12	54.59	88.5	80.5	0	0.003	26.18	1.805	0.136	12.19
11/5/2013 3:00	37197	11.31	171	9.01	18.89	6.48	172.7	16.08	13.52	54.12	53.57	91.4	82.8	0	0.001	26.17	1.935	0.13	12.99
11/5/2013 4:00	37198	10.09	171.3	9.33	20.68	6.026	172.3	17.05	15.31	53.91	53.63	94.5	84.9	0	0.003	26.16	1.954	0.019	12.22
11/5/2013 5:00	37199	12.57	177.7	10.55	20.68	7.542	179.7	17.43	15.31	54.77	54.7	94.9	85.1	0	0.004	26.17	2.125	0.171	12.57
11/5/2013 6:00	37200	11.21	172	9.9	18.89	6.718	173.9	17.36	15.31	54.77	54.69	95.2	85.2	0	0.007	26.17	1.96	-0.165	12.68
11/5/2013 7:00	37201	7.725	184.2	13.51	15.31	4.822	187.8	19.18	13.52	54.32	54.23	95.8	85.6	0	0.033	26.18	1.865	-0.095	12.4
11/5/2013 8:00	37202	8.07	184.6	9.71	13.52	5.061	186.8	16.24	9.95	54.19	54.14	96.1	85.9	0	15.08	26.19	1.928	0.064	12.2
11/5/2013 9:00	37203	8.59	189.6	10.61	15.31	5.603	192.5	16.29	11.74	55.16	55.3	93.5	84.1	0	86.3	26.22	1.693	-0.235	12.2
11/5/2013 10:00	37204	10.94	197	11.55	17.1	7.451	199	16.27	13.52	59.51	60.3	82.1	73.8	0	383.5	26.26	0.904	-0.79	13.09

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/5/2013 11:00	37205	10.92	203.3	11.86	17.1	7.739	204.8	15.44	13.52	63.19	64.1	72.46	65.41	0	480.7	26.31	0.758	-0.146	12.94
11/5/2013 12:00	37206	11.09	230.6	18.37	18.89	8.48	228.7	19.31	15.31	67.89	68.61	58.83	54.52	0	678.6	26.33	-0.447	-1.205	12.98
11/5/2013 13:00	37207	16.17	256.4	12.9	26.05	12.45	251.2	15.74	24.26	71.17	71.57	36.77	36.01	0	499.2	26.33	-1.325	-0.878	12.91
11/5/2013 14:00	37208	15.28	262.7	15.22	24.26	11.68	258	17.61	20.68	72.5	72.99	31.64	30.75	0	505.2	26.3	-1.309	0.016	12.93
11/5/2013 15:00	37209	13.46	251.1	15.36	22.47	10.37	245.9	16.65	18.89	73.26	73.74	31.83	30.88	0	568.8	26.29	-1.357	-0.048	12.98
11/5/2013 16:00	37210	13.34	243.3	15.45	20.68	10.23	239.8	17.44	17.1	73.43	73.74	30.65	29.65	0	385.9	26.3	-1.439	-0.082	12.98
11/5/2013 17:00	37211	12.4	262.1	13.51	22.47	9.22	256.8	15.51	18.89	72.91	72.97	28.8	28.05	0	227.4	26.3	-0.466	0.973	13.11
11/5/2013 18:00	37212	12.05	269.6	9.64	18.89	8.53	263.8	13.51	17.1	70.57	69.98	26.26	25.59	0	50.74	26.3	1.189	1.655	13.02
11/5/2013 19:00	37213	8.32	283.8	8.65	15.31	5.521	285.7	14.06	13.52	66.44	64.79	30.66	30.8	0	0.469	26.29	1.481	0.292	13.05
11/5/2013 20:00	37214	6.83	303.9	15.47	9.95	3.653	313.9	15.85	8.16	62.77	59.52	36.14	38.5	0	0.012	26.29	1.674	0.194	12.84
11/5/2013 21:00	37215	8.01	307.2	10.93	13.52	5.115	309.9	10.54	11.74	61.35	59.73	39.28	39.63	0	0.008	26.29	1.776	0.102	12.92
11/5/2013 22:00	37216	10.55	336.3	18.17	17.1	7.878	332.9	17.85	13.52	61.98	61.39	39.94	38.48	0	0.017	26.32	-0.377	-2.153	12.49
11/5/2013 23:00	37217	10.97	353.9	12.55	18.89	7.839	348.6	14.5	15.31	61	60.52	42.09	40.03	0	0.02	26.35	-1.148	-0.771	12.27
11/6/2013 0:00	37218	17.96	3.617	12.87	33.21	12.71	359.3	15.15	29.63	59.67	59.33	37.95	35.8	0	0.01	26.36	-1.89	-0.742	12.49
11/6/2013 1:00	37219	18.32	22.28	10.66	40.36	13.02	18	12.54	27.84	54.04	54.03	54.73	49.54	0	0.002	26.39	1.154	3.044	12.29
11/6/2013 2:00	37220	13.85	29.3	11.87	24.26	8.83	24.71	13.92	22.47	48.93	48.91	70.65	63.37	0	0	26.4	1.189	0.035	12.47
11/6/2013 3:00	37221	11.68	46.7	14.09	20.68	6.77	39.71	17.87	15.31	47.17	46.97	73.25	66.58	0	0	26.41	1.132	-0.057	12.28
11/6/2013 4:00	37222	11.96	34.38	11.36	18.89	7.199	29.24	13.15	18.89	45.99	45.81	65.92	60.28	0	0	26.42	0.993	-0.139	12.62
11/6/2013 5:00	37223	12.67	8.81	12.27	20.68	9.05	3.26	13.94	17.1	44.82	44.68	65.14	58.93	0	0	26.42	0.65	-0.343	12.25
11/6/2013 6:00	37224	12.37	4.086	8.41	20.68	8.67	358.9	11.92	15.31	42.07	41.91	66.65	59.67	0	0	26.43	0.543	-0.108	12.34
11/6/2013 7:00	37225	12.49	15.98	10.95	20.68	8.96	13.06	12.7	15.31	40.43	40.33	65.69	58.16	0	0.038	26.44	0.492	-0.051	12.49
11/6/2013 8:00	37226	12.78	9.61	9.63	20.68	9.05	5.644	12.32	17.1	39.35	39.42	67.86	59.49	0	40.88	26.46	0.038	-0.454	12.47
11/6/2013 9:00	37227	14.71	13.45	9.99	22.47	10.59	11.05	12.6	20.68	41.19	41.7	58.53	51.62	0	236.6	26.51	-0.228	-0.267	12.72
11/6/2013 10:00	37228	12.58	19.03	11.59	18.89	8.94	15.82	13.17	17.1	45.46	46.14	40.31	36.41	0	435.9	26.57	-1.402	-1.173	12.64
11/6/2013 11:00	37229	9.76	29	14.99	17.1	6.468	24.16	17.83	13.52	49.88	50.84	30.23	26.91	0	594.6	26.62	-2.096	-0.694	12.68
11/6/2013 12:00	37230	7.475	40.09	19.93	13.52	5.09	32.72	23.99	11.74	54.16	55.2	25.52	22.55	0	695.4	26.66	-1.979	0.117	12.74
11/6/2013 13:00	37231	7.97	18.01	25.13	17.1	5.668	10.73	27.48	13.52	56.4	57.29	23.4	20.28	0	742	26.67	-1.953	0.026	12.75
11/6/2013 14:00	37232	7.772	5.247	27.55	15.31	5.894	1.428	31.26	11.74	58.73	59.54	21.96	18.89	0	716.3	26.66	-1.896	0.057	13.03
11/6/2013 15:00	37233	6.139	325.9	45.73	15.31	4.938	323.3	47.22	13.52	60.36	60.66	20.55	17.57	0	627.6	26.65	-0.656	1.24	12.99
11/6/2013 16:00	37234	5.053	301.9	40.57	13.52	3.952	296.7	39.38	9.95	61.75	62.04	19.11	16.08	0	480.5	26.64	0.71	1.366	12.84
11/6/2013 17:00	37235	4.521	286.2	44.16	9.95	3.442	284.8	44.11	8.16	61.99	62.36	18.67	15.31	0	290.6	26.63	1.135	0.425	12.86
11/6/2013 18:00	37236	1.806	222.4	47.09	6.368	0.618	263.9	17.72	6.368	61.14	60.34	19.17	17.31	0	79.5	26.61	1.262	0.127	12.9
11/6/2013 19:00	37237	4.06	139.4	26.03	6.368	2.152	96.5	30.27	4.578	55.73	51.7	24.08	27.65	0	0.505	26.58	1.452	0.191	12.7
11/6/2013 20:00	37238	5.881	106.2	8.97	8.16	2.779	78.38	9.9	4.578	52.38	47.27	27.9	32.88	0	0	26.54	1.497	0.045	12.71
11/6/2013 21:00	37239	6.967	119.1	3.707	8.16	3.002	86.3	10.66	4.578	50.46	44.34	30.66	35.1	0	0	26.53	1.539	0.042	12.64
11/6/2013 22:00	37240	6.583	121.2	6.409	9.95	2.585	91.5	13.18	4.578	46.82	42.61	36.29	38.37	0	0	26.53	1.463	-0.076	12.74
11/6/2013 23:00	37241	2.074	206.7	49.59	6.368	0.134	280.7	5.899	2.789	44.84	40.91	36.53	40.54	0	0	26.53	1.374	-0.089	12.56
11/7/2013 0:00	37242	1.513	280.8	15.4	4.578	0.011	343.1	5.351	2.789	44.29	39.54	36.31	43.65	0	0	26.52	1.371	-0.003	12.41
11/7/2013 1:00	37243	0.772	276.1	8.47	2.789	1.025	90.1	10.52	2.789	43.31	37.34	37.6	48.63	0	0	26.52	1.39	0.019	12.5
11/7/2013 2:00	37244	3.231	124.7	24.72	6.368	2.505	72.47	11.2	4.578	44.87	39.24	35.66	44.54	0	0	26.52	1.612	0.222	12.21
11/7/2013 3:00	37245	3.805	162.5	10.7	6.368	1.393	82.1	7.344	4.578	44.77	40.31	35.51	39.07	0	0	26.53	1.504	-0.108	12.19
11/7/2013 4:00	37246	1.805	165.6	27.02	4.578	0.783	68.47	8.78	4.578	42.49	38.75	38.59	43.36	0	0	26.54	1.52	0.016	12.26
11/7/2013 5:00	37247	1.054	228.4	21.95	2.789	0.321	60.99	4.134	4.578	41.29	36.5	41.12	50.68	0	0	26.55	1.45	-0.07	12.53
11/7/2013 6:00	37248	1.166	277.8	16	4.578	0.112	53.8	5.071	2.789	41.09	35.83	42.91	52.52	0	0	26.55	1.489	0.038	12.2
11/7/2013 7:00	37249	0.418	128.2	6.493	4.578	0.266	77.04	4.503	2.789	39.9	34.93	45.31	55.38	0	0.048	26.56	1.412	-0.076	12.19

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/7/2013 8:00	37250	1.823	106.9	14.87	4.578	1.129	68.62	11.88	4.578	40.36	35.47	45.13	54.13	0	20.24	26.57	1.803	0.39	12.34
11/7/2013 9:00	37251	3.662	141.2	18	6.368	1.596	120.3	30.06	4.578	42.85	41.74	47.74	46.44	0	137.5	26.61	2.757	0.955	12.68
11/7/2013 10:00	37252	6.451	177.9	14.05	13.52	4.358	180.9	20.33	8.16	48.65	49.24	41.74	37.42	0	315.6	26.68	3.4	0.643	12.59
11/7/2013 11:00	37253	9.42	186.3	12.66	13.52	6.262	187.9	18.04	11.74	51.19	52.07	40.13	35.8	0	401.4	26.73	1.129	-2.271	12.65
11/7/2013 12:00	37254	8.6	197.1	14.73	13.52	6.096	199.3	18.42	11.74	54.35	55.11	34.91	31.21	0	485.7	26.74	1.3	0.171	12.65
11/7/2013 13:00	37255	7.868	177.3	20.3	15.31	5.537	180.5	25.36	11.74	58.49	59.43	26.99	23.46	0	583.6	26.75	0.292	-1.008	12.62
11/7/2013 14:00	37256	8.7	162.1	20.4	17.1	5.926	162.8	27.67	13.52	59.87	60.89	25.02	21.51	0	539	26.73	-1.179	-1.471	12.71
11/7/2013 15:00	37257	11.4	162.7	16.24	20.68	7.223	163	22.39	15.31	61.21	62.31	22.67	19.18	0	444.7	26.71	-1.912	-0.732	12.54
11/7/2013 16:00	37258	11.37	155.9	12.12	18.89	7.035	157	18.49	13.52	60.52	61.07	22.04	18.69	0	265.1	26.68	-2.14	-0.229	12.57
11/7/2013 17:00	37259	11.46	147.6	11.14	18.89	6.989	146.9	17.98	13.52	59.04	59.11	23.14	19.85	0	146	26.65	-2.074	0.067	12.66
11/7/2013 18:00	37260	9.64	146.6	8.17	15.31	5.649	145.7	14.78	11.74	56.22	55.57	26.66	23.71	0	31.57	26.63	-0.019	2.055	12.68
11/7/2013 19:00	37261	7.396	136.2	7.829	11.74	3.489	128.5	15.72	6.368	52	50.16	32.02	30.69	0	0.663	26.6	1.319	1.338	12.59
11/7/2013 20:00	37262	7.801	138.7	5.726	11.74	3.619	133.8	14.08	6.368	49.56	47.58	34.96	33.7	0	0	26.58	1.427	0.108	12.58
11/7/2013 21:00	37263	8.09	139.6	7.112	11.74	4.161	134.9	14.9	8.16	48.08	46.68	35.31	33.15	0	0	26.57	1.396	-0.032	12.74
11/7/2013 22:00	37264	8.11	140.5	7.166	11.74	4.2	137.2	15.31	8.16	47.12	45.87	37.04	34.43	0	0	26.56	1.383	-0.013	12.57
11/7/2013 23:00	37265	7.59	147.6	7.661	11.74	3.953	145.3	14.9	8.16	46.04	44.96	39.33	36.41	0	0	26.55	1.326	-0.057	12.47
11/8/2013 0:00	37266	3.94	130.7	13.6	6.368	0.393	96.6	14.08	4.578	44.19	42.31	43.27	40.72	0	0	26.53	1.342	0.016	12.46
11/8/2013 1:00	37267	3.183	117.9	13.76	6.368	1.063	90.1	15.03	4.578	43.44	41.57	46.03	42.99	0	0	26.51	1.45	0.108	12.23
11/8/2013 2:00	37268	4.972	125.4	11.34	8.16	1.528	83.5	12.98	4.578	42.1	39.22	49.71	47.92	0	0	26.48	1.415	-0.035	12.42
11/8/2013 3:00	37269	6.398	120.6	7.981	9.95	2.815	100.1	19.37	6.368	42.27	39.66	50.77	48.88	0	0	26.46	1.526	0.111	12.53
11/8/2013 4:00	37270	6.788	137.4	7.938	9.95	3.336	132	15.36	6.368	43.09	41.6	49.03	45.62	0	0	26.45	1.602	0.076	12.2
11/8/2013 5:00	37271	7.645	136	8.59	11.74	3.996	130.8	16.15	8.16	43.63	42.44	48.34	44.76	0	0	26.44	1.609	0.006	12.25
11/8/2013 6:00	37272	5.629	159.8	16.96	9.95	2.748	159	22.39	6.368	43.23	42.32	47.66	43.86	0	0	26.44	1.558	-0.051	12.4
11/8/2013 7:00	37273	4.464	175.6	14.36	8.16	1.46	177.8	15.57	4.578	43.95	43.11	45.76	42.85	0	0.003	26.44	1.555	-0.003	12.25
11/8/2013 8:00	37274	3.873	219.1	15.77	6.368	1.3	237.9	17.49	4.578	43.94	42.64	45.39	44.22	0	16.26	26.44	1.545	-0.01	12.31
11/8/2013 9:00	37275	5.634	192.7	12.4	15.31	2.979	193.8	14.03	9.95	46.3	45.8	43.21	40.59	0	78.43	26.45	1.351	-0.194	12.9
11/8/2013 10:00	37276	12.92	186.5	9.56	20.68	8.23	189.8	16.07	17.1	51.28	51.88	35.69	31.89	0	295.1	26.48	-1.608	-2.959	12.99
11/8/2013 11:00	37277	13.28	184.2	10.85	18.89	8.45	187.5	16.84	15.31	53.34	54.08	33.69	29.76	0	268.7	26.5	-2.394	-0.786	13.01
11/8/2013 12:00	37278	14.45	186.4	10.89	22.47	9.35	189.1	16.97	17.1	54.91	55.67	34.24	30.39	0	335	26.48	-2.331	0.064	12.84
11/8/2013 13:00	37279	15.89	187.1	11.15	24.26	10.25	189.4	16.96	17.1	57.3	58.6	33.68	29.54	0	523.3	26.48	-2.251	0.079	13.02
11/8/2013 14:00	37280	17.72	179.5	11.16	26.05	10.9	180.6	17.54	20.68	56.47	57.69	46.41	40.56	0	452.9	26.45	-2.017	0.235	12.88
11/8/2013 15:00	37281	18.1	182.4	10.58	27.84	11.34	184.3	16.68	22.47	55.5	56.53	64.07	55.65	0	315.7	26.43	-1.481	0.536	12.81
11/8/2013 16:00	37282	16.28	180.8	9.89	26.05	10.07	183.2	16.64	20.68	55.77	56.58	69.7	61.08	0	304.8	26.4	-0.847	0.634	12.92
11/8/2013 17:00	37283	16.81	180.5	9.94	24.26	10.34	182.5	16.85	17.1	56.12	57.08	68.63	60.08	0	281.5	26.38	-0.742	0.105	12.78
11/8/2013 18:00	37284	13.44	182.4	9.99	24.26	8.18	184.9	16.86	17.1	54.08	54.3	72.36	64.21	0	84	26.37	0.885	1.627	12.93
11/8/2013 19:00	37285	8.53	175.2	10.02	13.52	4.954	176.2	16.48	11.74	49.7	49.16	80.9	72.21	0	0.409	26.34	1.319	0.435	12.81
11/8/2013 20:00	37286	8.64	176.5	9	15.31	5.006	177.8	15.62	9.95	47.16	46.57	85.5	76.19	0	0.001	26.31	1.354	0.035	12.68
11/8/2013 21:00	37287	8.87	176.5	8.45	15.31	5.151	178.8	15.15	9.95	44.82	44.31	90.4	79.84	0	0.001	26.3	1.443	0.089	12.74
11/8/2013 22:00	37288	6.862	190.4	8.59	9.95	3.911	191.9	14.37	8.16	43	42.44	95.6	83.3	0	0	26.29	1.51	0.067	12.75
11/8/2013 23:00	37289	7.018	200.6	7.995	9.95	4.232	202.7	13.24	8.16	41.95	41.46	98.3	85.3	0	0	26.27	1.631	0.121	12.67
11/9/2013 0:00	37290	5.971	215.5	8.6	9.95	3.876	217.5	11.62	8.16	41.67	41.36	99.2	86.3	0	0	26.26	1.764	0.133	12.97
11/9/2013 1:00	37291	7.377	217.9	9.35	13.52	5.142	218.2	12.24	9.95	42.3	42.29	99.9	85.5	0	0	26.26	1.745	-0.019	12.69
11/9/2013 2:00	37292	8.43	218.5	9.35	13.52	5.802	218.8	12.56	9.95	42.46	42.46	99.9	80.9	0	0	26.26	1.989	0.244	12.23
11/9/2013 3:00	37293	7.755	222.7	10.09	11.74	5.497	222.6	12.24	9.95	42.2	42.23	99.9	75.72	0	0	26.25	1.993	0.003	12.26
11/9/2013 4:00	37294	7.377	224.4	9.08	11.74	5.374	224.2	11.43	9.95	41.94	41.99	99.9	76.27	0	0	26.25	2.005	0.013	12.45

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/9/2013 5:00	37295	7.663	224.9	8.89	11.74	5.569	225	11.37	9.95	41.39	41.45	99.9	77.84	0	0	26.25	1.878	-0.127	12.34
11/9/2013 6:00	37296	6.29	227.2	10.8	9.95	4.609	225.7	13.61	8.16	40.54	40.64	99.9	79.22	0	0	26.25	1.901	0.022	12.34
11/9/2013 7:00	37297	5.987	233.7	10.3	9.95	4.643	232.2	11.93	8.16	39.52	39.6	99.9	80.2	0	0.002	26.26	1.888	-0.013	12.21
11/9/2013 8:00	37298	5.286	233.8	8.89	8.16	4.193	232	10.75	8.16	38.67	38.74	99.9	81.4	0	20.62	26.26	1.653	-0.235	12.32
11/9/2013 9:00	37299	5.278	250.6	14.05	8.16	4.43	249.1	16.25	8.16	41.35	41.51	99.9	82.7	0	205.5	26.29	2.176	0.523	12.5
11/9/2013 10:00	37300	5.551	241	15.33	9.95	4.637	238.7	17.63	8.16	47.5	47.9	98.8	90.7	0	410.9	26.36	2.994	0.817	12.81
11/9/2013 11:00	37301	6.63	233.6	14.48	11.74	5.319	230.3	16.69	9.95	57.51	58.2	76.11	70.56	0	566.5	26.42	3.294	0.3	12.89
11/9/2013 12:00	37302	9.21	226.6	30.4	22.47	7.045	227	30.55	18.89	65.69	66.2	50.71	48.07	0	669.7	26.45	2.945	-0.35	12.82
11/9/2013 13:00	37303	12.62	289.3	15.25	20.68	10.14	286.4	19.99	18.89	72.71	73.2	23.26	22.93	0	713.9	26.46	0.469	-2.476	12.84
11/9/2013 14:00	37304	10.71	280.3	16.98	18.89	8.49	276.2	22.42	17.1	74.64	75.22	21.73	21.73	0	688.8	26.45	0.523	0.054	12.9
11/9/2013 15:00	37305	13.38	289.9	12.54	20.68	10.89	287.1	16.84	18.89	75.86	76.31	17.01	16.46	0	603.4	26.44	0.101	-0.422	12.92
11/9/2013 16:00	37306	12.28	283.7	14.56	22.47	9.76	280.3	18.41	17.1	76.29	76.63	15.3	14.87	0	459.8	26.44	0.596	0.494	12.83
11/9/2013 17:00	37307	8.72	276.4	14.81	15.31	6.68	271.4	19.01	13.52	76.39	76.55	14.52	14.71	0	274.2	26.43	0.97	0.374	12.92
11/9/2013 18:00	37308	5.814	254.4	9.24	11.74	3.417	246.8	9.8	9.95	74.12	72.53	16.26	17.79	0	69.33	26.43	1.43	0.46	12.88
11/9/2013 19:00	37309	2.634	249.2	7.699	6.368	0.059	54.22	0.483	2.789	67.06	61.76	22.74	27.86	0	0.392	26.41	1.541	0.111	12.87
11/9/2013 20:00	37310	2.759	282.7	21.63	4.578	0.585	58.31	27.19	4.578	63.67	57.27	26.33	33.86	0	0.007	26.38	1.614	0.073	12.8
11/9/2013 21:00	37311	7.131	2.005	26.69	13.52	3.578	14.32	19.13	9.95	61.73	57.02	28.43	33.91	0	0.002	26.38	-0.073	-1.687	12.69
11/9/2013 22:00	37312	9.38	38.64	9.9	15.31	4.714	31.67	11.05	9.95	57.9	56.81	36	35.89	0	0.006	26.39	-1.323	-1.25	12.53
11/9/2013 23:00	37313	11.24	34.3	9.57	18.89	6.102	29.71	12.59	13.52	54.72	53.97	42.76	41.61	0	0.002	26.4	-1.297	0.025	12.58
11/10/2013 0:00	37314	9.77	42.41	9.72	15.31	5.166	36.9	12.43	13.52	51.53	50.92	51.17	48.25	0	0.001	26.41	-0.606	0.691	12.62
11/10/2013 1:00	37315	9.73	38.76	11.2	20.68	5.197	33.81	13.33	11.74	49.47	48.84	60.34	56.02	0	0	26.4	-0.346	0.26	12.5
11/10/2013 2:00	37316	12.06	25.86	8.31	17.1	7.59	20.88	11.82	15.31	47.5	47.08	70.01	63.98	0	0	26.4	0.837	1.183	12.58
11/10/2013 3:00	37317	12.16	26.44	9.45	18.89	7.402	23.3	12.67	15.31	46.83	46.45	74.75	68.25	0	0	26.39	1.167	0.33	12.43
11/10/2013 4:00	37318	12.27	34.1	11.2	18.89	6.844	31.07	13.06	20.68	46.3	45.93	77.31	70.46	0	0	26.39	1.193	0.025	12.61
11/10/2013 5:00	37319	12.7	32.61	9.67	20.68	7.115	29.57	11.92	15.31	45.29	44.91	79.71	72.47	0	0	26.39	1.32	0.127	12.54
11/10/2013 6:00	37320	13.41	30.9	9.38	20.68	7.535	28.14	11.92	15.31	44.57	44.24	80.8	73.33	0	0	26.41	1.323	0.003	12.22
11/10/2013 7:00	37321	13.54	30.72	9.39	22.47	7.586	28.06	11.52	17.1	43.68	43.35	82	74.21	0	0.019	26.42	1.393	0.07	12.19
11/10/2013 8:00	37322	14.5	31.26	9.48	24.26	8.32	27.78	11.65	18.89	43.69	43.43	82.1	74.3	0	33.63	26.43	1.241	-0.152	12.37
11/10/2013 9:00	37323	14.21	42.29	9.1	20.68	7.793	37.28	12.12	17.1	46.78	47.03	78.52	71.26	0	215.1	26.47	1.174	-0.067	12.7
11/10/2013 10:00	37324	9.48	39.94	14.73	15.31	5.824	32.57	17.87	11.74	52.4	53.14	71.09	65.31	0	402.6	26.54	0.831	-0.343	12.71
11/10/2013 11:00	37325	9.24	62.26	15.4	15.31	5.87	54.64	22	13.52	58.31	59.66	62.42	58.03	0	556.2	26.6	0.853	0.022	12.87
11/10/2013 12:00	37326	7.003	78.05	19.46	11.74	5.017	72.27	28.44	9.95	63.41	64.68	53.37	51.16	0	657.9	26.63	0.311	-0.542	13.04
11/10/2013 13:00	37327	5.909	78.72	29.47	13.52	4.259	74.97	36.78	9.95	67.55	68.37	45.11	45.26	0	699.9	26.63	0.076	-0.235	12.96
11/10/2013 14:00	37328	4.471	111	45.74	9.95	3.448	107.5	59.03	9.95	71.32	71.43	37.45	39.21	0	676.2	26.62	0.523	0.447	12.87
11/10/2013 15:00	37329	4.286	96.3	43.66	11.74	3.01	95.8	51.61	9.95	73.33	73.37	32.54	33.63	0	589	26.61	0.805	0.282	13
11/10/2013 16:00	37330	5.069	97.6	44.34	13.52	3.537	93.2	49.98	9.95	73.72	74.12	30.52	31.18	0	445.1	26.6	0.295	-0.51	12.87
11/10/2013 17:00	37331	5.777	141	25.76	11.74	3.874	144.9	30.13	8.16	73.32	74	28.22	28.27	0	263.6	26.58	0.637	0.342	13.07
11/10/2013 18:00	37332	5.04	122.5	15.96	9.95	2.307	115.9	23.04	6.368	70.89	70.01	32.61	34.3	0	64.07	26.56	1.496	0.859	12.83
11/10/2013 19:00	37333	6.943	104.5	5.007	9.95	3.101	83.6	12.41	4.578	64.54	60.16	42.8	47.42	0	0.337	26.52	1.614	0.118	12.76
11/10/2013 20:00	37334	7.972	124.3	12.23	11.74	3.626	112.8	20.1	8.16	59.55	56.69	54.57	55.14	0	0.016	26.5	1.801	0.187	12.72
11/10/2013 21:00	37335	8.82	139.8	6.513	11.74	4.023	131.1	14.73	8.16	56.9	54.48	59.12	58.68	0	0.01	26.49	1.852	0.051	12.58
11/10/2013 22:00	37336	7.174	148.5	7.373	11.74	3.176	146.8	15.29	6.368	53.8	52.14	70.24	66.28	0	0.006	26.48	1.798	-0.054	12.65
11/10/2013 23:00	37337	7.846	156.9	7.86	11.74	3.77	154.6	15.25	6.368	52.54	50.89	81.7	76.33	0	0.002	26.48	2.005	0.206	12.54
11/11/2013 0:00	37338	6.974	155.3	8.05	9.95	3.072	151.3	14.9	8.16	51.1	49.83	91.9	83.8	0	0.006	26.47	2.081	0.076	12.54
11/11/2013 1:00	37339	3.117	175.7	15.97	6.368	0.005	134.1	1.621	2.789	49.85	48.01	98.3	88.1	0	0.002	26.46	1.852	-0.228	12.6

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/11/2013 2:00	37340	2.53	207.4	13.65	4.578	0	0	0	0	49.66	47.48	99.9	90.5	0	0.001	26.44	2.065	0.213	12.6
11/11/2013 3:00	37341	2.548	187.8	20.96	4.578	0	0	0	0	47.22	45.65	99.9	90.6	0	0.001	26.43	2.011	-0.054	12.64
11/11/2013 4:00	37342	0.188	188.3	9.11	2.789	0	0	0	0	47.39	46.19	99.9	91.5	0	0.001	26.42	1.653	-0.358	12.68
11/11/2013 5:00	37343	3.019	157.3	13.06	6.368	0.942	156.9	10.01	4.578	49.39	48.98	99.9	87.4	0	0.003	26.42	1.802	0.149	12.63
11/11/2013 6:00	37344	6.253	175.6	10.08	11.74	3.864	178.7	16.54	8.16	51.87	51.75	99.9	85.7	0	0.006	26.45	2.208	0.406	12.74
11/11/2013 7:00	37345	7.871	183	10.79	13.52	4.882	186.8	17.44	9.95	52.56	52.46	99.9	84.5	0	0.017	26.47	2.42	0.213	12.71
11/11/2013 8:00	37346	7.79	194.6	12.39	13.52	4.986	198.8	17.47	9.95	52.41	52.35	99.9	86	0	5.807	26.49	2.42	0	12.67
11/11/2013 9:00	37347	7.547	193	15.8	13.52	4.822	195.4	20.21	9.95	52.44	52.47	99.9	87.6	0	38.93	26.51	2.373	-0.048	12.98
11/11/2013 10:00	37348	6.708	193.6	17.63	11.74	4.517	198.4	21.47	9.95	52.93	53.03	99.6	93.2	0	106.3	26.52	2.407	0.035	13.16
11/11/2013 11:00	37349	5.209	173.2	31.61	9.95	3.658	177	37.7	8.16	56.29	56.33	88.5	90.1	0	280	26.54	2.397	-0.01	13.2
11/11/2013 12:00	37350	4.354	225.4	61.2	9.95	3.29	227.8	60.94	9.95	62.02	62.1	71.99	68.7	0	632.6	26.58	2.495	0.098	12.92
11/11/2013 13:00	37351	2.733	41.06	64.93	6.368	1.912	30.86	57.35	6.368	68.19	67.38	56.43	57.47	0	685.2	26.61	2.422	-0.073	13.02
11/11/2013 14:00	37352	5.022	152.1	35.98	9.95	3.612	152.8	42.52	8.16	71.56	71.89	45.86	46.01	0	664.9	26.6	2.399	-0.023	13.03
11/11/2013 15:00	37353	4.766	168	45.84	9.95	3.455	168.6	50.36	8.16	74.16	74.42	37.13	38.09	0	580.3	26.58	2.573	0.174	12.94
11/11/2013 16:00	37354	4.999	181.3	45.68	9.95	3.488	179.5	44.15	9.95	74.81	75.21	32.94	33.39	0	438.7	26.57	1.271	-1.302	13.11
11/11/2013 17:00	37355	3.952	169.9	36.25	9.95	2.532	172.4	35.02	8.16	75.06	75.6	31.31	31.81	0	257.3	26.56	1.243	-0.028	13.13
11/11/2013 18:00	37356	2.803	191.5	13.06	6.368	0.833	199	7.296	4.578	72.35	70.9	32.63	35.46	0	46.34	26.54	1.369	0.127	13.11
11/11/2013 19:00	37357	3.939	118.7	12.55	9.95	2.175	104.6	13.78	6.368	65.45	62.14	45.87	49.76	0	0.326	26.52	1.642	0.273	12.99
11/11/2013 20:00	37358	7.233	122.1	6.781	9.95	3.513	111.8	14.01	6.368	59.36	57.62	69.67	67.03	0	0.021	26.5	1.567	-0.076	13.04
11/11/2013 21:00	37359	6.414	128.7	7.932	9.95	2.911	118.5	14.94	6.368	56.9	55.25	77.59	73.87	0	0.01	26.49	1.659	0.092	13.04
11/11/2013 22:00	37360	4.923	130.9	9.01	9.95	1.264	110.8	10.41	4.578	54.37	52.66	85.6	80.4	0	0.011	26.5	1.624	-0.035	12.95
11/11/2013 23:00	37361	4.704	118.4	12	8.16	1.674	92.4	12.94	4.578	52.38	50.62	92.6	85.2	0	0.002	26.51	1.767	0.143	13.06
11/12/2013 0:00	37362	4.998	88.9	7.79	6.368	2.384	64.66	9.37	4.578	51.62	49.63	97.3	88.3	0	0.004	26.52	1.947	0.181	12.9
11/12/2013 1:00	37363	4.787	81.2	13.12	8.16	2.509	68.04	15.44	4.578	51.58	50.47	99.6	90.3	0	0.006	26.53	2.192	0.244	12.88
11/12/2013 2:00	37364	9.81	44.42	15.02	18.89	5.798	39.17	17.87	13.52	51.17	51.14	99.9	91.5	0	0.01	26.58	2.29	0.098	12.83
11/12/2013 3:00	37365	11.29	41.21	10.33	20.68	6.215	35.26	12.38	17.1	52.11	52.05	99.9	90.5	0	0.008	26.61	2.401	0.111	12.81
11/12/2013 4:00	37366	17.78	49	9.5	34.99	9.52	40.59	13.69	26.05	52.44	52.24	98.1	93.8	0	0.03	26.64	2.201	-0.2	12.87
11/12/2013 5:00	37367	22.61	41.06	11.82	36.78	12.6	34.6	14.11	29.63	44.82	44.87	96.8	91.8	0	0.009	26.67	1.611	-0.59	12.65
11/12/2013 6:00	37368	22.15	38.65	10.69	36.78	12.6	32.53	13.13	29.63	38.55	38.68	95.5	86.4	0	0	26.69	1.609	-0.003	12.55
11/12/2013 7:00	37369	22.12	43.98	9.47	36.78	11.98	37.08	12.15	27.84	36.63	36.78	93.6	83.3	0	0	26.7	2.015	0.406	12.52
11/12/2013 8:00	37370	24.72	42.81	10.06	40.36	13.37	35.61	12.43	29.63	35.26	35.4	92.9	81.7	0	6.453	26.72	9.43	7.415	12.33
11/12/2013 9:00	37371	24.62	37.51	11.05	40.36	14.19	32.13	12.87	33.21	34.43	34.63	91.8	80.4	0	73.18	26.75	9.43	0.003	12.47
11/12/2013 10:00	37372	24.49	39.18	10.47	38.57	13.82	33.37	12.76	29.63	34.56	34.81	90.2	78.86	0	99.4	26.77	9.43	0	12.75
11/12/2013 11:00	37373	20.48	44.22	10.02	34.99	11.22	36.71	12.51	24.26	35.38	35.7	87.7	76.8	0	148.9	26.8	9.42	-0.01	12.44
11/12/2013 12:00	37374	16.71	44.21	12.41	29.63	9.48	37.36	15.14	22.47	36.93	37.42	78.27	68.95	0	225.5	26.81	1.621	-7.802	12.2
11/12/2013 13:00	37375	11.74	39.08	12.68	20.68	6.958	31.93	15.1	15.31	38.94	39.58	68.04	60.29	0	226.7	26.82	0.834	-0.787	12.21
11/12/2013 14:00	37376	10.67	36.26	14.99	17.1	6.813	29.43	17.53	15.31	40.3	40.9	62.89	55.96	0	187.7	26.81	0.403	-0.432	12.49
11/12/2013 15:00	37377	9.12	39.15	19.79	17.1	5.973	32.74	21.63	13.52	41.69	42.29	59.68	53.39	0	176.1	26.81	-0.159	-0.561	12.48
11/12/2013 16:00	37378	8.79	39.04	16.77	15.31	5.607	33.25	20.23	13.52	43.21	43.78	54.27	49.07	0	175.7	26.81	-0.79	-0.631	12.53
11/12/2013 17:00	37379	9.18	40.21	14.68	15.31	5.591	33.63	17.04	13.52	44.1	44.41	49	44.82	0	91.2	26.81	-1.377	-0.587	12.53
11/12/2013 18:00	37380	10.6	47.77	9.83	17.1	6.028	40.33	13.79	13.52	43.86	43.92	44.68	41.19	0	16.19	26.81	-1.706	-0.33	12.42
11/12/2013 19:00	37381	8.4	62.46	13.99	13.52	5.17	55.47	19.32	9.95	43.37	43.24	42.34	39.44	0	0.12	26.81	-0.92	0.787	12.49
11/12/2013 20:00	37382	5.412	70	9.88	9.95	3.202	64.32	16.86	8.16	43.07	42.82	40.95	38.67	0	0.002	26.81	1.155	2.075	12.39
11/12/2013 21:00	37383	4.047	82.8	7.567	8.16	0.743	72.12	8.12	4.578	41.74	40.43	43.69	44.34	0	0.001	26.81	1.732	0.578	12.34
11/12/2013 22:00	37384	3.995	98.6	19.6	8.16	2.237	91.2	23.86	6.368	41.22	40.99	44.05	41.36	0	0.001	26.81	1.501	-0.232	12.36

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/12/2013 23:00	37385	2.815	137.9	10.03	6.368	0.854	133	9.28	4.578	41.57	41.32	45.4	42.51	0	0	26.81	1.596	0.095	12.37
11/13/2013 0:00	37386	1.98	118.4	9.54	6.368	0.243	95.6	5.601	2.789	41.37	40.64	46	44.27	0	0	26.79	1.659	0.063	12.35
11/13/2013 1:00	37387	4.95	106	15.11	8.16	1.933	84.4	16.24	4.578	38.51	35.92	47.65	50.49	0	0	26.76	1.786	0.127	12.33
11/13/2013 2:00	37388	5.505	94.6	10.83	6.368	2.133	79.92	12.25	4.578	36.74	33.8	49.54	52.9	0	0	26.74	1.777	-0.009	12.27
11/13/2013 3:00	37389	5.826	124.8	12.31	8.16	2.205	100.9	18.9	4.578	34.9	31.37	49.21	53.86	0	0	26.72	1.863	0.086	12.21
11/13/2013 4:00	37390	4.454	114.5	15.87	6.368	1.838	90.8	16.27	4.578	33.85	31.32	48.96	48.92	0	0	26.69	1.933	0.07	12.26
11/13/2013 5:00	37391	4.698	95.6	12.66	6.368	2.29	75.19	13.32	4.578	33.28	31.17	47.7	47.91	0	0	26.68	1.923	-0.01	12.26
11/13/2013 6:00	37392	3.417	146.3	25.12	6.368	0.793	122	32.46	4.578	31.84	29.38	49.08	49.96	0	0	26.66	1.844	-0.079	12.26
11/13/2013 7:00	37393	4.895	149.4	10.26	8.16	1.538	139.6	17.51	4.578	30.37	28.23	51.4	50.09	0	0	26.65	1.866	0.022	12.73
11/13/2013 8:00	37394	5.283	149.7	10.49	8.16	1.898	139.1	13.53	4.578	29.86	28.37	52.94	50.35	0	29.88	26.65	2.279	0.413	12.26
11/13/2013 9:00	37395	4.474	216.7	14.82	9.95	3.178	217.8	17.5	8.16	34.99	35.45	45.55	40.22	0	212.4	26.69	3.319	1.04	12.31
11/13/2013 10:00	37396	8.46	211	12.14	13.52	6.04	211.9	15.98	9.95	39.37	40.27	35.91	31.68	0	404.7	26.75	4.387	1.068	12.29
11/13/2013 11:00	37397	8.57	213.2	14.95	13.52	6.184	213.9	18.3	11.74	43.42	44.34	32.28	28.16	0	556.3	26.78	0.948	-3.438	12.49
11/13/2013 12:00	37398	7.389	202.9	22.07	13.52	5.523	205.5	25.39	11.74	47.24	48	29.47	25.68	0	653.7	26.78	0.197	-0.752	12.56
11/13/2013 13:00	37399	7.511	210.6	21.53	13.52	5.414	212.9	24.72	11.74	50.45	51.27	30.34	26.65	0	693.1	26.77	-0.25	-0.447	12.58
11/13/2013 14:00	37400	8.04	201.5	23.83	15.31	5.895	204.7	26.53	11.74	52.98	53.87	32.42	28.99	0	669.1	26.73	-0.935	-0.685	12.58
11/13/2013 15:00	37401	9.66	186.4	18.18	17.1	6.678	187.6	22.46	13.52	54.61	55.92	30.8	27.33	0	581.7	26.7	-1.29	-0.355	12.59
11/13/2013 16:00	37402	9.48	186.7	18.98	17.1	6.688	187.8	23.27	13.52	55.47	56.46	31.07	27.86	0	437.3	26.66	-1.459	-0.168	12.7
11/13/2013 17:00	37403	9.72	184.9	13.51	15.31	6.424	186.4	18.5	11.74	55.58	56.54	33.48	30.41	0	254.3	26.62	-1.471	-0.013	12.43
11/13/2013 18:00	37404	8.52	184.6	9.39	15.31	5.023	185.2	15.51	11.74	53.39	52.87	39.34	37.55	0	43.52	26.58	1.367	2.838	12.57
11/13/2013 19:00	37405	5.938	160.5	11.79	8.16	1.397	148.2	16.41	4.578	47.85	44.78	46.78	47.28	0	0.171	26.53	1.706	0.34	12.61
11/13/2013 20:00	37406	7.097	143.9	6.291	9.95	2.789	129.3	12.71	4.578	44.71	41.45	47.9	48.97	0	0	26.5	1.834	0.127	12.57
11/13/2013 21:00	37407	7.604	144.3	6.487	9.95	3.442	137.2	14.55	6.368	42.29	40.22	46.76	45.87	0	0	26.48	2.046	0.213	12.61
11/13/2013 22:00	37408	5.955	149	8.13	9.95	1.797	133.8	14.42	4.578	40.31	37.88	47.99	47.29	0	0	26.46	2.002	-0.044	12.45
11/13/2013 23:00	37409	5.949	151.6	8.51	9.95	1.937	130.4	17.14	4.578	39.68	36.89	47.8	47.65	0	0	26.44	2.164	0.162	12.26
11/14/2013 0:00	37410	5.035	162.3	13.44	8.16	1.301	152.9	21.29	4.578	39.47	37.48	50	48.22	0	0	26.41	2.561	0.397	12.28
11/14/2013 1:00	37411	5.307	187.9	12.02	9.95	2.704	192.3	17.17	6.368	40.14	39.36	52.32	48.24	0	0	26.39	3.128	0.568	12.33
11/14/2013 2:00	37412	6.098	184.8	12.92	11.74	3.722	188.4	16.75	9.95	41	40.63	53.47	48.43	0	0	26.37	3.547	0.419	12.44
11/14/2013 3:00	37413	7.122	193.4	8.69	11.74	4.527	195	14.35	8.16	41.33	41.01	55.66	50.16	0	0	26.36	3.3	-0.247	12.33
11/14/2013 4:00	37414	5.163	176.9	11.71	8.16	2.624	176	17.86	6.368	40.21	39.53	59.22	53.72	0	0	26.33	3.021	-0.279	12.3
11/14/2013 5:00	37415	4.151	187	20.3	8.16	1.071	178.9	24.87	4.578	38.65	37.28	63.7	58.57	0	0	26.31	2.557	-0.463	12.29
11/14/2013 6:00	37416	5.936	193.6	12.24	8.16	2.781	193	16.83	6.368	38	36.88	68.29	62.03	0	0	26.28	2.837	0.279	12.27
11/14/2013 7:00	37417	6.274	197.3	12.4	11.74	3.592	197.2	16.57	8.16	38.8	38.1	69.97	63.06	0	0	26.27	3.119	0.282	12.27
11/14/2013 8:00	37418	5.401	190.4	10.4	9.95	2.933	189.3	14.47	8.16	38.55	37.93	71.49	64.26	0	10.19	26.26	3.262	0.143	12.27
11/14/2013 9:00	37419	8.38	185.2	10.31	13.52	5.307	186	15.81	11.74	40.58	40.44	71.09	63.16	0	81	26.27	3.392	0.13	12.49
11/14/2013 10:00	37420	11.16	200.5	12.45	15.31	7.852	202.3	16.6	13.52	46.44	47.5	65.65	57.19	0	394.5	26.31	1.05	-2.342	12.62
11/14/2013 11:00	37421	10.63	205.5	11.07	17.1	7.782	206.3	15.27	13.52	51.72	52.95	59.75	52.62	0	577.5	26.36	0.745	-0.305	12.6
11/14/2013 12:00	37422	12.13	211.7	13.38	18.89	8.77	211.1	16.24	13.52	56.13	57.4	55.01	49.17	0	644.7	26.38	-0.913	-1.658	12.78
11/14/2013 13:00	37423	10.74	226.3	15.38	17.1	8.07	223.8	17.16	15.31	59.63	60.52	50.21	45.78	0	672	26.37	-0.91	0.003	12.78
11/14/2013 14:00	37424	10.29	230.7	18.19	18.89	8	228.3	17.92	17.1	62.73	63.43	45.63	42.51	0	646	26.34	-0.919	-0.009	12.74
11/14/2013 15:00	37425	10.37	233.1	14.76	18.89	8.19	230.1	16.31	17.1	65.74	66.16	42.81	40.85	0	559.3	26.32	-1.182	-0.263	12.84
11/14/2013 16:00	37426	11.62	246.5	17.89	27.84	9.19	242	19.12	20.68	68.03	68.4	37.8	36.83	0	423.7	26.3	-0.922	0.26	12.74
11/14/2013 17:00	37427	9.85	274.8	16.08	17.1	7.752	270.6	19.25	15.31	68.97	69.24	32.64	32.03	0	246.7	26.29	0.796	1.718	12.82
11/14/2013 18:00	37428	6.89	293.6	7.326	17.1	4.446	301.9	16.29	13.52	66.3	64.73	33.16	34.26	0	43.69	26.27	1.696	0.901	12.89
11/14/2013 19:00	37429	5.416	271.9	15.55	8.16	1.941	273.8	30.29	4.578	62.71	58.4	38.49	42.59	0	0.197	26.25	2.337	0.641	12.64

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/14/2013 20:00	37430	8.71	265.5	19.03	13.52	5.929	260.5	23.93	11.74	60.7	59.14	41.93	42.28	0	0.073	26.25	2.134	-0.203	12.73
11/14/2013 21:00	37431	5.598	289.5	17.88	9.95	2.977	293.8	24.87	6.368	57.19	54.83	51.13	50.66	0	0.028	26.24	2.064	-0.07	12.7
11/14/2013 22:00	37432	8.15	331.1	9.19	11.74	5.346	330.6	8.72	8.16	55	52.71	55.58	54.88	0	0.01	26.23	1.852	-0.212	12.64
11/14/2013 23:00	37433	8.12	322.4	30.89	11.74	5.526	319.9	32.14	9.95	52.99	51.36	59.73	57.13	0	0.006	26.23	1.89	0.038	12.43
11/15/2013 0:00	37434	5.682	248.8	37	13.52	2.805	228.7	42.03	8.16	48.59	45.6	68.33	65.98	0	0.001	26.22	1.89	0	12.56
11/15/2013 1:00	37435	2.106	232.5	33.66	6.368	0.064	17.22	0.374	2.789	46.48	42.73	74.87	71.43	0	0	26.2	1.951	0.061	12.44
11/15/2013 2:00	37436	2.068	296.9	26.81	4.578	0.243	122	10.63	2.789	46.55	41.81	76.72	74.17	0	0	26.17	1.891	-0.06	12.38
11/15/2013 3:00	37437	2.935	292.6	21.07	4.578	0.122	104.1	2.611	2.789	46.3	39.97	79.76	77.81	0	0	26.16	1.888	-0.003	12.48
11/15/2013 4:00	37438	1.654	208.4	21.28	8.16	0.176	154.1	4.304	4.578	44.48	39.13	83.9	81.2	0	0	26.15	2.085	0.197	12.47
11/15/2013 5:00	37439	4.316	269.9	48.74	8.16	0.927	273.3	26.28	4.578	38.98	35.19	85.2	80.4	0	0	26.15	1.993	-0.092	12.36
11/15/2013 6:00	37440	3.687	317.2	12.26	6.368	0.266	53.74	24.37	4.578	40.54	34.58	75.72	76.83	0	0	26.14	1.98	-0.012	12.28
11/15/2013 7:00	37441	3.166	314.9	7.376	4.578	0.203	89.7	2.878	2.789	43.47	36.3	78.62	77.84	0	0	26.13	2.202	0.222	12.27
11/15/2013 8:00	37442	1.212	281.6	36.49	4.578	0.85	85.1	4.927	4.578	45.67	38.95	72.04	76.29	0	24.48	26.13	2.732	0.53	12.76
11/15/2013 9:00	37443	2.018	213.5	17.21	6.368	0.791	202.5	12.21	4.578	51.52	50.84	60.75	58.81	0	191.2	26.19	3.876	1.144	12.76
11/15/2013 10:00	37444	7.34	215.4	13.69	13.52	5.462	217.1	16.5	9.95	57.21	57.61	58.88	54.09	0	380.9	26.27	3.291	-0.585	13.02
11/15/2013 11:00	37445	10.5	218.4	14.6	18.89	7.693	218.2	16.23	15.31	61.23	61.84	55.23	51.23	0	526.3	26.32	0.897	-2.394	13.05
11/15/2013 12:00	37446	15.27	214.7	10.91	24.26	10.65	214.6	13.54	20.68	63.99	64.88	51.76	48.31	0	518.8	26.33	0.139	-0.758	12.99
11/15/2013 13:00	37447	16.47	216.6	10.48	26.05	11.52	216.1	13.35	20.68	66.38	67.12	46.51	44.4	0	503.5	26.29	-1.316	-1.455	12.92
11/15/2013 14:00	37448	13.97	212.9	11.43	22.47	9.72	213.4	14.39	17.1	69.09	69.74	41.62	40.75	0	387.2	26.24	-1.528	-0.212	12.96
11/15/2013 15:00	37449	15.92	235.8	14.48	27.84	12.16	232.9	15.32	20.68	71.41	71.73	37.88	37.91	0	422.5	26.23	-1.699	-0.171	12.85
11/15/2013 16:00	37450	13.76	238.7	10.47	22.47	10.7	234.9	12.02	18.89	71.35	71.27	37.98	38.62	0	237.1	26.2	-1.769	-0.07	12.87
11/15/2013 17:00	37451	11.9	226.7	9.26	22.47	8.43	225.3	11.34	18.89	70.6	70.24	39.26	40.26	0	89.7	26.18	-1.236	0.532	12.87
11/15/2013 18:00	37452	8.19	216.6	8.05	13.52	5.227	214.5	12.12	9.95	69.91	69.14	40.92	42.21	0	44.06	26.16	0.39	1.626	12.78
11/15/2013 19:00	37453	6.882	219.6	5.179	11.74	2.907	215.9	9.28	8.16	67.3	64.41	43.87	47.39	0	0.221	26.15	1.449	1.059	12.88
11/15/2013 20:00	37454	4.902	231.6	15.04	20.68	0.876	230.1	8.86	13.52	63.51	60.79	49.36	51.96	0	0.066	26.14	1.57	0.12	12.97
11/15/2013 21:00	37455	6.837	237.9	32.73	18.89	3.095	243.1	30.12	15.31	62.84	59.84	58.21	62.8	0	0.052	26.13	1.623	0.054	12.9
11/15/2013 22:00	37456	3.534	220	50.51	17.1	1.141	162.2	19.29	9.95	59.85	57.01	64.49	69	0	0.037	26.12	1.709	0.086	12.81
11/15/2013 23:00	37457	6.72	177.8	12.98	11.74	2.463	179.1	19.79	6.368	58.91	56.33	64.8	66.15	0	0.026	26.12	1.76	0.051	12.83
11/16/2013 0:00	37458	15.08	195.3	13.17	24.26	9.47	196.8	16.82	17.1	60.92	60.1	63.42	61.78	0	0.03	26.12	0.894	-0.866	12.92
11/16/2013 1:00	37459	12.13	207.2	9.28	26.05	7.807	207.6	12.83	18.89	62.73	62.02	54.79	53.96	0	0.072	26.13	0.644	-0.251	12.79
11/16/2013 2:00	37460	11.33	194.8	12.88	18.89	7.096	195.6	16.88	13.52	61.93	61.18	56.14	54.78	0	0.065	26.12	0.596	-0.048	12.59
11/16/2013 3:00	37461	8.71	173.9	9.87	13.52	4.949	174.3	17.12	9.95	57.47	56.78	72.91	68.58	0	0.035	26.1	1.262	0.666	12.53
11/16/2013 4:00	37462	9.54	191.5	9.39	15.31	5.808	193.1	15.22	9.95	57.79	57.1	70.33	66.57	0	0.026	26.09	1.173	-0.089	12.55
11/16/2013 5:00	37463	9.15	206.6	10.15	15.31	5.861	208.6	13.76	9.95	57.18	56.55	73.87	69.19	0	0.025	26.09	1.405	0.232	12.61
11/16/2013 6:00	37464	9.76	205.2	10.5	17.1	6.357	206.5	14.43	11.74	56.2	55.7	80.3	74.48	0	0.025	26.08	1.376	-0.029	12.57
11/16/2013 7:00	37465	6.278	203.4	11.03	13.52	3.654	203.1	14.88	9.95	55.28	54.52	83.2	77.29	0	0.033	26.09	1.475	0.098	12.49
11/16/2013 8:00	37466	7.045	214.9	20.98	15.31	4.607	214.1	22.5	11.74	54.11	53.6	88.2	81.3	0.08	7.683	26.1	1.7	0.225	12.58
11/16/2013 9:00	37467	7.04	213.1	22.4	13.52	4.439	212.4	25.54	9.95	54.31	53.72	90.5	84.7	0.03	43.27	26.13	1.592	-0.108	12.85
11/16/2013 10:00	37468	9.82	198.9	9.82	18.89	6.362	200.5	14.03	11.74	57.38	56.97	84.2	79.13	0.01	157.6	26.13	1.636	0.044	12.8
11/16/2013 11:00	37469	12.67	219.9	10.36	20.68	8.78	218.6	12.47	15.31	63.67	63.99	67.69	63.97	0	510.9	26.17	2.058	0.421	12.86
11/16/2013 12:00	37470	18.05	233.1	17.56	34.99	13.97	230.8	17.65	27.84	69.76	69.93	49.27	48.89	0	613.4	26.2	1.233	-0.825	12.77
11/16/2013 13:00	37471	21.84	241.8	10.04	34.99	17.07	237.6	11.24	29.63	71.8	71.68	43.04	43.6	0	606.7	26.18	6.168	4.935	13
11/16/2013 14:00	37472	23.31	241.8	10.82	40.36	18.27	238.2	11.71	31.42	73.99	74.01	37.29	37.94	0	653.7	26.15	9.43	3.265	13.02
11/16/2013 15:00	37473	24.6	245.5	9.61	38.57	19.68	241.9	11.21	33.21	75.13	75.12	33.82	34.02	0	565.1	26.14	9.43	0	13.06
11/16/2013 16:00	37474	22.71	248.6	9.52	40.36	18.1	244.4	11.24	31.42	75.68	75.59	32.62	32.72	0	412.4	26.12	9.43	0	13.02

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/16/2013 17:00	37475	22.15	247	9.16	34.99	17.77	243.4	10.6	29.63	75.44	75.16	32.06	32.32	0	234.9	26.11	9.43	0	13.09
11/16/2013 18:00	37476	20.12	248.6	9.01	31.42	16.04	244.6	10.36	27.84	73.49	72.88	32.82	33.18	0	50.6	26.11	-1.572	-11.01	12.99
11/16/2013 19:00	37477	16.24	251.3	9.53	27.84	12.67	247	11.17	20.68	70.62	69.74	35.84	36.28	0	0.314	26.09	-0.919	0.653	12.89
11/16/2013 20:00	37478	12.71	242.3	10.47	27.84	9.57	239	11.02	22.47	68.63	67.65	40.5	40.8	0	0.122	26.09	0.181	1.1	12.95
11/16/2013 21:00	37479	5.953	253.1	21.83	13.52	3.363	249.8	21.84	9.95	66.36	64.58	46.42	47.07	0	0.12	26.09	1.433	1.252	12.98
11/16/2013 22:00	37480	7.402	221.7	11.32	15.31	3.751	209.6	15.63	9.95	63.97	60.84	52	54.22	0	0.065	26.08	1.474	0.041	12.97
11/16/2013 23:00	37481	6.255	204.3	9.29	9.95	1.911	194.1	10.7	4.578	60.87	57.09	57.91	60.77	0	0.034	26.09	1.7	0.225	12.88
11/17/2013 0:00	37482	8.38	212.3	13.23	15.31	4.068	214.3	14.98	9.95	61.07	58.35	57.16	58.15	0	0.014	26.08	1.988	0.289	12.52
11/17/2013 1:00	37483	8.36	236.7	9.29	15.31	4.744	235.7	12.78	9.95	60.07	57.77	57.58	57.69	0	0.017	26.08	1.823	-0.165	12.64
11/17/2013 2:00	37484	7.085	228.5	25.64	11.74	3.969	216.2	40.37	8.16	57.63	54.93	61.13	61.22	0	0.012	26.08	1.694	-0.13	12.56
11/17/2013 3:00	37485	6.71	226.1	14.01	11.74	3.252	214.3	17.06	6.368	57.07	53.44	59.7	61.85	0	0.002	26.09	1.919	0.225	12.54
11/17/2013 4:00	37486	7.834	233.5	19.26	11.74	4.268	223.1	25.63	9.95	57	54.02	56.68	58.07	0	0.003	26.1	1.729	-0.19	12.63
11/17/2013 5:00	37487	7.39	239.1	19.58	11.74	2.662	250	26.46	6.368	55.53	49.92	58.23	64.2	0	0.003	26.1	1.849	0.121	12.74
11/17/2013 6:00	37488	8.46	245.9	14.16	13.52	4.383	242.1	18.82	8.16	56.46	52.21	55.29	59.05	0	0.002	26.1	1.96	0.111	12.54
11/17/2013 7:00	37489	8.64	234.6	18.98	17.1	4.983	227.4	24.89	13.52	54.9	52.02	58.88	59.31	0	0.001	26.12	2.373	0.412	12.49
11/17/2013 8:00	37490	8.44	227	26.01	15.31	5.125	220.8	27.84	11.74	55.03	52.91	59.45	57.98	0	22.1	26.16	2.201	-0.171	12.66
11/17/2013 9:00	37491	5.433	226	21.92	11.74	3.597	225.3	18.39	9.95	57.65	57.32	56.32	52.52	0	189.8	26.22	3.203	1.002	12.68
11/17/2013 10:00	37492	10.96	270.6	17.63	20.68	8.53	266.7	20.07	18.89	63.73	63.69	44.23	42.89	0	377.4	26.3	1.966	-1.237	12.86
11/17/2013 11:00	37493	16.98	282.2	11.36	27.84	13.23	279.2	14.9	26.05	67.06	67.32	36.16	35.31	0	533.6	26.34	0.707	-1.259	12.95
11/17/2013 12:00	37494	15.96	284.7	10.93	26.05	12.54	281.6	14.48	22.47	69.29	69.84	31.68	30.57	0	637.9	26.37	0.437	-0.269	12.98
11/17/2013 13:00	37495	15.31	275.3	13.55	22.47	12.17	271.4	17.12	20.68	71.46	72.13	27.41	26.22	0	685	26.36	-0.792	-1.23	12.79
11/17/2013 14:00	37496	14.53	279.9	13.44	24.26	11.56	276.8	17.09	20.68	72.98	73.76	25.06	23.8	0	658.4	26.35	-0.079	0.713	12.91
11/17/2013 15:00	37497	12.78	273.4	17.36	20.68	10.24	270	20.18	18.89	73.95	74.5	22.69	21.47	0	576	26.35	0.273	0.352	12.93
11/17/2013 16:00	37498	12.38	277.9	14.34	22.47	9.92	273.9	17.58	20.68	74.32	74.71	22.4	21.13	0	432.3	26.35	0.197	-0.076	12.74
11/17/2013 17:00	37499	10.08	275.3	13.58	17.1	7.922	271.6	16.87	15.31	74.28	74.49	23.47	22.47	0	249.6	26.34	1.017	0.821	12.87
11/17/2013 18:00	37500	6.3	268.2	11.86	11.74	3.928	265.9	16.38	8.16	71.71	70.56	26.64	27.23	0	53.53	26.34	1.512	0.495	12.76
11/17/2013 19:00	37501	4.581	290.2	24.31	9.95	1.694	323.2	45.28	6.368	65.79	60.83	33.08	38.74	0	0.178	26.32	1.646	0.133	12.84
11/17/2013 20:00	37502	1.94	50.29	66.37	4.578	1.272	81.1	15.79	4.578	62.04	55.93	37.71	46.85	0	0.012	26.31	1.674	0.029	12.75
11/17/2013 21:00	37503	2.016	333.6	65.58	4.578	1.035	61.49	24.7	4.578	61.07	52.77	38.45	54.39	0	0.003	26.3	1.725	0.051	12.63
11/17/2013 22:00	37504	4.883	324.1	13.01	8.16	0.847	327.4	8.24	4.578	61.21	53.25	37.52	51.13	0	0.001	26.3	1.871	0.146	12.73
11/17/2013 23:00	37505	2.939	331.3	29.38	8.16	0.634	32.35	35.97	4.578	57.88	52.04	43.22	51.55	0	0.001	26.31	2.068	0.197	12.58
11/18/2013 0:00	37506	6.704	335.6	9.71	11.74	3.017	331.7	11.67	9.95	58.53	54.3	41.7	46.78	0	0	26.32	2.281	0.213	12.59
11/18/2013 1:00	37507	7.471	7.006	14.83	15.31	4.272	8.19	21.46	11.74	55.18	53.98	48.25	46.51	0	0.003	26.33	0.828	-1.453	12.58
11/18/2013 2:00	37508	5.732	342.5	24.01	13.52	2.779	336.5	32.54	11.74	56.1	54.02	47.11	47.14	0	0.004	26.34	1.237	0.409	12.53
11/18/2013 3:00	37509	9.37	18.1	23.77	17.1	4.805	24.88	11.71	13.52	56.45	54.75	43.11	43.03	0	0.004	26.34	-0.174	-1.411	12.5
11/18/2013 4:00	37510	12.97	39.65	11.35	22.47	7.035	34.21	12.34	13.52	54.7	54.27	43.9	41.1	0	0.005	26.35	0.193	0.368	12.55
11/18/2013 5:00	37511	13.24	55.47	9.56	20.68	7.712	49.7	15.62	15.31	50.04	49.61	52.44	47.8	0	0.001	26.35	0.425	0.232	12.64
11/18/2013 6:00	37512	14.27	63.92	8.4	20.68	9.13	59.57	15.15	15.31	48.1	47.57	55.67	50.5	0	0	26.34	0.679	0.254	12.53
11/18/2013 7:00	37513	12.37	52.35	9.53	20.68	6.648	44.17	14.59	13.52	46.26	45.76	57.75	52.05	0	0	26.36	0.606	-0.073	12.42
11/18/2013 8:00	37514	11.94	62.42	10.78	18.89	7.317	57	17	15.31	45.18	44.71	58.16	52.29	0	17.91	26.37	0.558	-0.048	12.57
11/18/2013 9:00	37515	13.01	66.9	10.41	20.68	8.32	61.77	17.45	15.31	46.72	46.76	53.61	48.13	0	111	26.39	0.295	-0.263	12.49
11/18/2013 10:00	37516	10.43	78.32	9.92	18.89	6.793	72.43	18.93	13.52	49.73	50.1	47.21	42.82	0	218.4	26.44	0.485	0.19	12.51
11/18/2013 11:00	37517	9.71	86.5	11.19	15.31	6.428	82.1	20.21	11.74	51.57	52.13	44.98	40.91	0	202.3	26.47	-0.526	-1.012	12.57
11/18/2013 12:00	37518	6.104	118.6	25.47	11.74	4.403	115.8	32.18	9.95	55.63	56.22	39.64	36.83	0	386.2	26.49	0.729	1.256	12.51
11/18/2013 13:00	37519	4.58	65.56	63.12	9.95	3.147	54.3	57.57	9.95	59.37	59.72	35.82	33.89	0	411.5	26.49	-0.682	-1.411	12.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/18/2013 14:00	37520	3.427	7.092	54.08	9.95	2.082	350.1	41.1	8.16	60.81	61.01	34.89	33.11	0	280.3	26.48	0.003	0.685	12.54
11/18/2013 15:00	37521	3.572	35.48	42.54	6.368	2.123	21.86	39.23	6.368	61.25	61.27	34.66	32.99	0	218.9	26.46	-0.336	-0.339	12.62
11/18/2013 16:00	37522	6.174	62.33	22.21	11.74	3.894	55.81	26.63	8.16	61.51	61.87	34.61	32.72	0	233.7	26.45	-1.1	-0.764	12.57
11/18/2013 17:00	37523	7.68	65.22	12.49	11.74	4.913	59.68	18.59	8.16	60.28	60.44	35.99	34	0	118.3	26.45	-1.55	-0.45	12.49
11/18/2013 18:00	37524	5.179	80.9	14.43	9.95	2.202	68.26	15.93	6.368	58.64	57.94	37.95	37.12	0	27.16	26.43	0.989	2.54	12.6
11/18/2013 19:00	37525	6.45	86.3	10	13.52	3.34	82.5	17.13	9.95	55.81	54.89	41.78	40.5	0	0.103	26.42	1.335	0.346	12.63
11/18/2013 20:00	37526	8.37	90.6	13.86	15.31	5.168	87.4	22.27	9.95	54.03	53.37	42.79	40.24	0	0.009	26.41	1.367	0.032	12.74
11/18/2013 21:00	37527	6.552	100.1	19.82	9.95	2.764	95.1	25.26	6.368	51.74	49.93	45.81	44.63	0	0.002	26.4	1.513	0.146	12.69
11/18/2013 22:00	37528	6.278	91.5	11.34	8.16	2.719	76.2	17.43	4.578	48.64	46.03	50.41	49.72	0	0.001	26.38	1.624	0.111	12.58
11/18/2013 23:00	37529	5.294	79.12	9	8.16	2.523	64.9	13.63	4.578	46.56	44.49	53.52	51.53	0	0	26.37	1.653	0.029	12.59
11/19/2013 0:00	37530	6.203	71.74	10.64	9.95	3.107	59.02	14.6	6.368	46.54	44.45	52.85	51.03	0	0	26.37	1.247	-0.406	12.51
11/19/2013 1:00	37531	5.026	46.5	12.42	11.74	1.864	47.84	13.11	6.368	46.5	44.68	52.45	50.16	0	0	26.36	1.494	0.247	12.58
11/19/2013 2:00	37532	5.632	42.23	11.94	9.95	2.296	38.26	10.78	6.368	45.42	43.7	54.24	51.31	0	0	26.35	0.958	-0.536	12.53
11/19/2013 3:00	37533	5.269	51.17	8.91	8.16	1.982	43.61	11.17	4.578	45.66	44.02	52.8	50.24	0	0	26.34	1.155	0.197	12.49
11/19/2013 4:00	37534	6.777	71.2	10.38	9.95	3.372	69.81	15.36	6.368	44.71	42.66	53.07	51.34	0	0	26.32	1.463	0.308	12.47
11/19/2013 5:00	37535	6.7	68.05	11.83	9.95	3.416	61.5	19.69	6.368	44.54	42.4	52.68	50.89	0	0	26.3	1.266	-0.197	12.51
11/19/2013 6:00	37536	2.878	38.94	48.23	6.368	0.769	47.49	36.53	4.578	44.01	41.22	54.39	55.25	0	0	26.3	1.615	0.349	12.46
11/19/2013 7:00	37537	4.812	75.94	22.64	9.95	2.015	66.27	13.9	6.368	43.71	41.17	56.76	58.17	0	0	26.29	1.218	-0.397	12.59
11/19/2013 8:00	37538	5.387	80.3	20.4	8.16	2.475	82.5	21.84	6.368	45.27	44.28	54.01	50.8	0	16.51	26.29	0.872	-0.346	12.92
11/19/2013 9:00	37539	4.646	137.7	17.61	11.74	2.368	139.6	19.49	8.16	49.22	49.01	50.09	46.12	0	137.8	26.31	1.805	0.932	12.75
11/19/2013 10:00	37540	8.07	178	15.09	11.74	5.466	181.5	20.69	9.95	56.1	56.96	47.46	42.58	0	332.9	26.36	0.485	-1.32	12.96
11/19/2013 11:00	37541	9.59	188.8	14.18	18.89	6.543	191.2	19.25	15.31	60.41	61.48	47.25	42.55	0	504.3	26.4	0.092	-0.393	12.94
11/19/2013 12:00	37542	13.1	188.4	11.95	20.68	8.85	191.1	17.61	15.31	63.53	64.82	48.2	43.53	0	596.5	26.41	-1.344	-1.436	12.71
11/19/2013 13:00	37543	11.42	191.9	13.25	20.68	7.969	193.2	18.05	15.31	66.12	67.44	42.37	38.9	0	659.5	26.39	-1.525	-0.181	12.87
11/19/2013 14:00	37544	11.18	203.7	14.11	18.89	7.984	205.1	17.52	15.31	69.08	70.2	37.56	35.28	0	629.2	26.37	-1.426	0.098	12.77
11/19/2013 15:00	37545	11.53	201.5	13.29	18.89	8.16	202.5	16.93	15.31	70.79	71.79	33.94	32.13	0	517.3	26.34	-1.537	-0.111	12.75
11/19/2013 16:00	37546	12.32	207.9	12.96	20.68	8.62	209.3	15.8	17.1	72.1	72.96	31.85	30.19	0	417.7	26.31	-1.648	-0.111	13.01
11/19/2013 17:00	37547	11.62	205.8	10.8	18.89	7.927	206.2	14.14	15.31	72.13	72.57	31.32	30.08	0	248.9	26.29	-1.718	-0.07	12.81
11/19/2013 18:00	37548	8.58	184.8	9.87	15.31	4.846	186.2	15.88	9.95	69.2	68.42	34.55	34.37	0	34.93	26.26	1.224	2.942	12.91
11/19/2013 19:00	37549	7.543	166.3	6.184	9.95	3.141	164.1	13.14	6.368	64.41	62.01	40.95	42.2	0	0.228	26.22	1.661	0.438	12.81
11/19/2013 20:00	37550	6.244	168.9	6.841	9.95	1.122	163.1	8.53	6.368	60.84	57.82	50.77	50.65	0	0.022	26.2	1.811	0.149	12.78
11/19/2013 21:00	37551	7.11	176.9	9.21	11.74	3.477	180.5	15.47	8.16	59.86	58.05	70.39	66.71	0	0.011	26.19	1.992	0.181	12.81
11/19/2013 22:00	37552	5.251	178.4	11.15	8.16	1.706	178.5	14.23	4.578	57.91	56.02	79.52	74.91	0	0.008	26.19	1.969	-0.022	12.69
11/19/2013 23:00	37553	4.766	183.1	19.85	9.95	1.821	185.9	25.19	6.368	56.55	54.94	88	81.6	0	0.005	26.18	2.033	0.064	12.53
11/20/2013 0:00	37554	3.751	186.7	13.3	6.368	0.646	183.3	7.987	4.578	55.28	53.59	94	86.7	0	0.003	26.17	2.135	0.102	12.5
11/20/2013 1:00	37555	6.601	187.1	8.55	11.74	3.274	186.5	15.5	8.16	54.56	53.15	97.3	89	0	0.002	26.16	2.189	0.054	12.58
11/20/2013 2:00	37556	8.39	198	9.5	15.31	5.264	201.1	14.7	11.74	54.88	54.39	99	90.4	0	0.002	26.16	2.1	-0.089	12.58
11/20/2013 3:00	37557	10.18	194.4	9.6	15.31	6.46	197.6	14.89	11.74	55.41	55.27	99.7	90.8	0	0.007	26.17	1.747	-0.352	12.52
11/20/2013 4:00	37558	11.27	197	8.68	20.68	6.98	199.7	13.66	13.52	55.1	55.03	99.9	91	0	0.003	26.17	1.887	0.14	12.44
11/20/2013 5:00	37559	12.7	199.3	8.5	18.89	7.964	202.1	13.46	13.52	54.97	54.9	99.6	91.3	0	0.003	26.17	2.09	0.203	12.55
11/20/2013 6:00	37560	11.14	199.9	8.62	17.1	7.139	202.2	13.27	13.52	55.11	55	98.4	90.9	0	0.007	26.17	2.02	-0.07	12.49
11/20/2013 7:00	37561	11.21	188.4	9.61	17.1	6.882	191.3	15.49	11.74	54.76	54.71	98.1	89.7	0	0.012	26.18	1.839	-0.181	12.71
11/20/2013 8:00	37562	11.27	196.9	10.1	17.1	7.177	199.8	14.4	13.52	54.33	54.28	97.6	89.2	0	5.271	26.18	2.052	0.212	12.68
11/20/2013 9:00	37563	11.9	194.8	11.65	18.89	7.693	197.3	16.2	13.52	54.31	54.4	95.7	86.9	0	58.7	26.2	2.03	-0.022	12.68
11/20/2013 10:00	37564	12.15	200.4	8.63	17.1	8.33	202.1	13.78	13.52	55.55	56.2	90.8	81.2	0	272.5	26.22	2.277	0.247	12.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/20/2013 11:00	37565	10.61	204.9	11.52	15.31	7.843	207.4	14.79	13.52	60.28	61.32	77.76	69.74	0	565.2	26.26	2.254	-0.022	12.76
11/20/2013 12:00	37566	10.99	217.1	14.23	17.1	8.28	217	16.82	15.31	65.95	66.86	59.63	55.17	0	630	26.29	1.471	-0.784	12.72
11/20/2013 13:00	37567	10.96	224.7	15.36	18.89	8.25	223.2	16.65	15.31	70.78	71.36	45.91	44.69	0	561.6	26.28	-0.555	-2.025	12.8
11/20/2013 14:00	37568	11.76	233.7	17.98	20.68	9.12	232.6	18.74	17.1	74.14	74.48	33.53	33.79	0	487.6	26.26	-1.116	-0.561	12.67
11/20/2013 15:00	37569	12.75	270.6	17.28	22.47	10.11	266.3	19.84	20.68	74.3	74.35	27.29	27.54	0	290.1	26.23	-0.834	0.282	12.72
11/20/2013 16:00	37570	9.73	283.8	11.14	18.89	7.656	280.7	14.38	15.31	72.74	72.59	28.42	28.56	0	153.6	26.2	0.888	1.721	12.83
11/20/2013 17:00	37571	9.19	301.6	8.81	15.31	7.229	301	10.43	13.52	70.6	70.21	30.44	30.57	0	62.42	26.2	1.439	0.552	12.94
11/20/2013 18:00	37572	4.016	293.8	19.41	11.74	1.665	282.8	10.57	9.95	68.34	66.64	32.9	34.78	0	32.39	26.2	1.531	0.092	12.89
11/20/2013 19:00	37573	3.255	51.72	15.68	6.368	1.107	54.06	14.89	4.578	65.44	60.6	36.76	43.87	0	0.168	26.17	1.734	0.203	12.71
11/20/2013 20:00	37574	4.153	73.87	43.37	8.16	2.089	67.29	31.86	4.578	63.1	57.11	40.12	48.2	0	0.013	26.16	1.528	-0.206	12.73
11/20/2013 21:00	37575	6.51	154.5	15.43	11.74	1.541	158.4	13.29	6.368	59.28	55.01	47.07	50.79	0	0.003	26.16	2.027	0.498	12.87
11/20/2013 22:00	37576	5.725	171.3	10.2	8.16	1.323	168.8	14.77	4.578	56.32	54.4	77.49	71.53	0	0.003	26.17	1.97	-0.057	12.77
11/20/2013 23:00	37577	5.487	197.5	21.6	15.31	2.461	201.9	21.8	9.95	54.99	54.1	96	86.8	0	0.003	26.17	2.721	0.752	12.78
11/21/2013 0:00	37578	9.74	183.9	9.54	15.31	6.257	186.6	15.54	11.74	56.65	56.64	99.6	90.5	0	0.011	26.18	3.27	0.548	12.73
11/21/2013 1:00	37579	10.2	186.4	8.79	17.1	6.6	189.6	14.72	13.52	57.62	57.63	99.5	91.3	0	0.02	26.19	3.349	0.079	12.64
11/21/2013 2:00	37580	10.63	186.1	9.51	17.1	6.693	190.4	15.72	11.74	58.45	58.37	97.3	89.7	0	0.031	26.2	3.504	0.155	12.62
11/21/2013 3:00	37581	10.03	194.7	10.44	15.31	6.587	197.5	15.08	11.74	58.7	58.6	95.7	88	0	0.046	26.21	3.396	-0.108	12.71
11/21/2013 4:00	37582	9.27	200.2	10.47	15.31	6.056	202.2	14.82	11.74	58.89	58.79	95	87.3	0	0.037	26.22	3.63	0.235	12.54
11/21/2013 5:00	37583	9.45	193	9.96	15.31	6.115	195	14.86	11.74	59.11	58.97	93.3	85.7	0	0.038	26.23	3.656	0.025	12.59
11/21/2013 6:00	37584	9.02	195	9.9	13.52	5.744	197.3	14.73	11.74	58.81	58.51	92.4	85.2	0	0.029	26.23	3.84	0.184	12.63
11/21/2013 7:00	37585	7.06	196.8	9.7	13.52	4.454	197.3	14.32	9.95	58.29	57.99	93.7	85.9	0	0.02	26.24	3.678	-0.161	12.51
11/21/2013 8:00	37586	7.463	201.5	10.92	11.74	4.597	203	14.42	8.16	57.52	57.02	95.5	87.8	0	3.618	26.26	3.875	0.197	12.46
11/21/2013 9:00	37587	7.096	228	21.66	11.74	5.212	226.9	21.58	8.16	57.85	57.75	94.9	87.1	0	86.2	26.29	3.853	-0.022	12.62
11/21/2013 10:00	37588	5.536	262.8	25.33	8.16	4.405	260.7	28.29	8.16	60.56	60.81	84.2	77.11	0	337.8	26.33	4.017	0.165	12.79
11/21/2013 11:00	37589	4.902	248.4	26.7	9.95	3.677	248.4	27.04	8.16	64.36	64.79	69.71	64.6	0	505.7	26.4	3.883	-0.134	12.72
11/21/2013 12:00	37590	4.631	289.5	42.17	13.52	3.405	283.9	38.74	11.74	68.63	69.06	51.14	49.81	0	608.4	26.43	4.254	0.371	12.94
11/21/2013 13:00	37591	6.305	321	26.73	11.74	5.117	317.7	27.58	11.74	70.9	71.17	38.41	38.98	0	652.8	26.43	2.31	-1.943	12.79
11/21/2013 14:00	37592	5.062	298.7	43.53	11.74	3.812	296.8	39.32	9.95	73.97	74.31	34.62	35.18	0	635.6	26.41	1.074	-1.236	12.83
11/21/2013 15:00	37593	4.221	45.1	49.36	11.74	3.082	34.35	51.84	9.95	76.13	76.15	30.47	31.55	0	543.3	26.41	1.442	0.368	12.85
11/21/2013 16:00	37594	3.39	5.38	70.13	8.16	1.649	5.543	52.73	6.368	76.89	77.08	28.1	28.73	0	386.5	26.41	1.559	0.117	13.01
11/21/2013 17:00	37595	4.358	88.6	46.08	9.95	2.784	90	42.15	6.368	75.29	75.47	29.13	29.77	0	192.8	26.41	1.87	0.311	13.05
11/21/2013 18:00	37596	6.745	80.4	9.87	9.95	3.899	75.34	17.59	8.16	71.85	71.4	36.31	37.29	0	46.64	26.4	1.791	-0.079	13.05
11/21/2013 19:00	37597	18.4	49.25	13.54	33.21	10.09	42.44	16.3	24.26	59.01	58.76	47.31	44.9	0	0.148	26.39	0.717	-1.074	12.9
11/21/2013 20:00	37598	21.42	42.77	9.44	33.21	11.83	37.13	11.96	26.05	50.65	50.64	54.72	49.72	0	0	26.38	0.533	-0.184	12.56
11/21/2013 21:00	37599	25.34	45.83	8.51	42.15	13.66	38.57	11.47	26.05	43.66	43.71	62.63	55.58	0	0	26.37	9.43	8.9	12.36
11/21/2013 22:00	37600	18.44	43.83	12.14	31.42	10.23	36.18	14.09	24.26	39.04	39.14	67.19	58.93	0	0	26.38	1.234	-8.2	12.34
11/21/2013 23:00	37601	20.68	38.95	10.71	33.21	11.68	33.19	12.83	27.84	35.59	35.72	68.69	59.76	0	0	26.4	0.933	-0.301	12.33
11/22/2013 0:00	37602	23.89	45.73	9.07	36.78	12.99	38.23	12.72	26.05	33.36	33.47	68.48	59.33	0	0	26.4	9.43	8.5	12.24
11/22/2013 1:00	37603	24.98	44.82	9.6	47.52	13.5	37.09	12.62	27.84	32.56	32.73	68.21	58.86	0	0	26.4	9.43	0.001	12.22
11/22/2013 2:00	37604	22.85	43.85	11.11	34.99	12.72	35.73	13.18	27.84	31.17	31.37	72.86	62.57	0	0	26.44	9.44	0.001	12.24
11/22/2013 3:00	37605	20.9	34.52	10.98	34.99	12.54	29.14	13.14	29.63	29.7	29.94	73.83	63.3	0	0	26.45	9.44	0	12.27
11/22/2013 4:00	37606	20.29	32.25	11.27	34.99	12.41	26.68	13.61	31.42	27.8	28.07	76.52	65.31	0	0	26.46	0.984	-8.45	12.23
11/22/2013 5:00	37607	18.07	31.02	11.92	31.42	11.44	25.1	14	27.84	27.27	27.52	76.96	65.63	0	0	26.48	0.835	-0.149	12.5
11/22/2013 6:00	37608	17.08	18.98	10.42	27.84	12.01	12.82	14.82	26.05	26.61	27	81.5	69.19	0	0	26.5	1.197	0.362	12.2
11/22/2013 7:00	37609	15.7	17.46	10.91	26.05	10.98	11.57	15.34	24.26	25.48	25.82	89.5	76.81	0	0	26.53	1.393	0.197	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/22/2013 8:00	37610	16.46	20.14	10.42	29.63	11.45	14.54	13.96	24.26	25.23	25.54	84.3	72.61	0	4.072	26.55	1.476	0.083	12.62
11/22/2013 9:00	37611	16.97	18.05	10.92	27.84	11.69	12.02	14.81	22.47	25.47	25.97	79.25	67.54	0	28.48	26.58	1.251	-0.225	12.21
11/22/2013 10:00	37612	17.68	24.38	11.2	26.05	12.33	19.63	12.4	24.26	25.58	26.01	80.6	68.6	0	65.82	26.59	1.209	-0.041	12.25
11/22/2013 11:00	37613	15.84	21.14	10.84	26.05	11.47	16.44	12.58	22.47	26.23	26.62	78.94	67.23	0	74.02	26.6	1.12	-0.089	12.64
11/22/2013 12:00	37614	14.85	15.43	11.78	24.26	10.76	11.01	13.78	22.47	26.62	27.07	80.1	68.07	0	97.9	26.61	1.032	-0.089	12.24
11/22/2013 13:00	37615	15.03	21.96	10.96	24.26	10.7	18.28	12.73	22.47	26.31	26.65	85.9	73.81	0	114.3	26.58	1.419	0.387	12.22
11/22/2013 14:00	37616	14.7	22.42	10.48	22.47	10.31	18.84	12.25	20.68	26.73	27.18	84.9	72.45	0	77.32	26.57	1.317	-0.102	12.27
11/22/2013 15:00	37617	14.44	23.01	10.72	22.47	10.16	18.15	12.85	18.89	27.25	27.62	86.6	74.4	0	93.5	26.55	1.523	0.206	12.26
11/22/2013 16:00	37618	14.63	21.43	10.96	22.47	10.25	17.23	12.93	20.68	27.4	27.69	89.3	77.05	0	66	26.55	1.628	0.105	12.29
11/22/2013 17:00	37619	14.38	23.06	10.86	22.47	9.98	18.82	12.59	18.89	27.51	27.8	87.2	74.83	0	30.53	26.55	1.565	-0.063	12.75
11/22/2013 18:00	37620	14.49	17.38	10.67	22.47	10.74	13.38	12.06	20.68	27.4	27.75	85.3	72.9	0	5.401	26.55	1.371	-0.194	12.27
11/22/2013 19:00	37621	13.84	20.09	10.87	22.47	9.89	15.69	12.33	20.68	27.33	27.68	83.3	71.24	0	0	26.56	1.333	-0.038	12.26
11/22/2013 20:00	37622	13.2	23.56	10.7	20.68	9.37	18.53	12.61	18.89	26.94	27.19	86.6	74.14	0	0	26.57	1.485	0.152	12.29
11/22/2013 21:00	37623	12.31	23.57	9.48	20.68	8.69	18.91	12.1	18.89	26.7	26.83	92.9	79.96	0	0	26.57	1.758	0.273	12.27
11/22/2013 22:00	37624	11.85	18.97	10.5	18.89	8.88	14.62	12.01	15.31	27.03	27.16	94.3	81.3	0	0	26.58	1.901	0.143	12.28
11/22/2013 23:00	37625	11.9	13.67	11.24	20.68	8.91	10.02	12.05	17.1	27.09	27.25	95	81.9	0	0	26.58	2.13	0.229	12.25
11/23/2013 0:00	37626	12.97	18.42	10.81	18.89	9.71	14.1	11.79	17.1	27.16	27.29	94.5	81.8	0	0	26.58	2.374	0.244	12.25
11/23/2013 1:00	37627	12.22	20.74	10.69	24.26	8.97	16.33	12.41	20.68	27.24	27.31	94.3	81.6	0	0	26.58	2.431	0.057	12.65
11/23/2013 2:00	37628	13.34	18.17	10.47	22.47	10.05	14.37	11.51	18.89	27.24	27.33	94.3	81.7	0	0	26.57	2.606	0.175	12.28
11/23/2013 3:00	37629	14.2	22.36	9.64	22.47	10.55	17.61	10.93	20.68	27.19	27.26	93.6	81	0	0	26.57	2.666	0.06	12.98
11/23/2013 4:00	37630	13.01	24.23	9.83	18.89	9.2	19.69	12.06	17.1	27.26	27.34	95.4	82.5	0	0	26.57	2.857	0.19	12.86
11/23/2013 5:00	37631	12.22	30.04	10.86	20.68	8.03	25.19	12.97	15.31	27.81	27.85	96.1	83.1	0	0	26.57	3.215	0.359	12.28
11/23/2013 6:00	37632	10.69	33.87	11.73	20.68	6.603	30.66	13.43	18.89	28.34	28.38	96.2	83.5	0	0	26.58	3.228	0.013	12.28
11/23/2013 7:00	37633	10.69	29.65	10.06	17.1	7.432	25.1	12.17	17.1	28.6	28.68	96.2	83.5	0.01	0	26.6	3.358	0.13	12.66
11/23/2013 8:00	37634	0.864	27.51	2.89	15.31	7.979	27.2	12.92	18.89	29.25	29.28	94.5	82.4	0	1.779	26.61	3.574	0.216	12.78
11/23/2013 9:00	37635	0	0	0	0	9.11	20.02	12.32	18.89	29.55	29.57	93.4	81.4	0	13.93	26.63	3.777	0.203	12.31
11/23/2013 10:00	37636	0	0	0	0	9.37	21.86	12.53	20.68	29.8	29.83	94.5	82.2	0	29.31	26.64	3.84	0.063	12.25
11/23/2013 11:00	37637	0	0	0	0	7.105	33.44	13.39	17.1	29.94	29.99	94.9	82.6	0	43.04	26.66	3.945	0.105	12.33
11/23/2013 12:00	37638	0	0	0	0	7.933	42.29	14.55	17.1	29.65	29.77	95	82.9	0	71.69	26.66	4.018	0.073	12.26
11/23/2013 13:00	37639	0	0	0	0	6.935	38.87	14.82	15.31	29.58	29.73	94.6	82.7	0	65.36	26.65	4.075	0.057	12.31
11/23/2013 14:00	37640	0	0	0	0	6.948	37.15	13.65	17.1	29.98	30.11	94.2	82.3	0	82.2	26.63	4.075	0	12.25
11/23/2013 15:00	37641	0	0	0	0	7.569	36.25	12.31	17.1	30.73	30.82	92.3	81.4	0	76.1	26.61	4.069	-0.007	12.28
11/23/2013 16:00	37642	0	0	0	0	7.901	39.05	14.41	18.89	30.24	30.22	85.3	76.03	0	43.5	26.6	4.009	-0.06	12.26
11/23/2013 17:00	37643	0	0	0	0	7.646	39.95	12.6	17.1	29.83	29.75	82.1	73.33	0	25.9	26.6	3.898	-0.111	12.37
11/23/2013 18:00	37644	0	0	0	0	6.839	39.88	14.97	15.31	29.29	29.12	77.68	69.92	0	4.364	26.6	3.872	-0.025	12.28
11/23/2013 19:00	37645	0	0	0	0	7.374	24.73	13.87	18.89	28.87	28.86	80.5	71.38	0.04	0	26.6	3.863	-0.01	12.52
11/23/2013 20:00	37646	0	0	0	0	8.24	28.58	13.54	20.68	28.94	28.9	84.9	74.73	0	0	26.6	3.85	-0.013	12.26
11/23/2013 21:00	37647	0	0	0	0	6.928	30.49	13.24	15.31	28.02	27.99	86.5	76.03	0.04	0	26.63	3.593	-0.257	12.26
11/23/2013 22:00	37648	0	0	0	0	6.387	34.41	12.95	17.1	27.39	27.4	88.9	77.7	0.02	0	26.62	3.758	0.165	12.26
11/23/2013 23:00	37649	0	0	0	0	6.941	36.9	13	18.89	27.54	27.47	86.4	75.97	0	0	26.61	3.856	0.098	13.03
11/24/2013 0:00	37650	0	0	0	0	7.586	38.79	14.14	17.1	27.71	27.71	86.7	76.3	0.03	0	26.61	3.882	0.025	12.43
11/24/2013 1:00	37651	0	0	0	0	8.58	47.65	16.27	18.89	27.03	27.01	87.5	76.61	0.01	0	26.59	3.637	-0.244	12.24
11/24/2013 2:00	37652	0	0	0	0	8.27	53.91	16.11	17.1	26.57	26.58	93.7	80.8	0.01	0	26.57	3.631	-0.006	12.27
11/24/2013 3:00	37653	0	0	0	0	7.176	57.47	16.55	13.52	26.27	26.26	95.5	82.9	0.02	0	26.56	3.51	-0.121	12.34
11/24/2013 4:00	37654	0	0	0	0	7.207	59.08	16.31	17.1	26.44	26.48	95.8	83.1	0	0	26.56	3.555	0.044	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/24/2013 5:00	37655	0	0	0	0	5.762	62.27	16.56	11.74	26.9	26.99	96.8	83.8	0.01	0	26.56	3.656	0.102	12.28
11/24/2013 6:00	37656	0	0	0	0	7.67	71.93	18.99	13.52	26.76	26.91	96.8	84	0	0	26.54	3.758	0.102	12.51
11/24/2013 7:00	37657	0	0	0	0	6.134	84.5	19.03	13.52	26.67	26.75	96.5	83.8	0	0	26.54	3.628	-0.13	12.24
11/24/2013 8:00	37658	0	0	0	0	6.409	84.1	18.52	11.74	26.82	26.92	96.6	83.7	0	0.649	26.54	3.479	-0.149	12.27
11/24/2013 9:00	37659	0	0	0	0	0.006	75.88	0.54	4.578	27.18	27.29	96.9	84.1	0.01	23.52	26.53	3.688	0.209	12.31
11/24/2013 10:00	37660	0	0	0	0	0	0	0	0	27.55	27.66	96	83.8	0.03	64.65	26.54	3.777	0.089	12.39
11/24/2013 11:00	37661	0	0	0	0	0	0	0	0	28.1	28.25	95.6	83.8	0	116.4	26.54	4.129	0.352	12.35
11/24/2013 12:00	37662	0	0	0	0	0	0	0	0	28.31	28.5	95.4	83.6	0	114.1	26.53	4.091	-0.038	12.35
11/24/2013 13:00	37663	0	0	0	0	0	0	0	0	28.84	29.18	94.3	83	0	174.2	26.5	4.272	0.181	12.51
11/24/2013 14:00	37664	0	0	0	0	0	0	0	0	29.08	29.48	93.8	82.4	0	150.1	26.47	4.491	0.218	12.29
11/24/2013 15:00	37665	0	0	0	0	0	0	0	0	29.18	29.54	93.2	82.1	0	106.2	26.44	4.414	-0.076	12.25
11/24/2013 16:00	37666	0	0	0	0	0	0	0	0	29	29.3	92.4	81.6	0	72.64	26.42	4.672	0.258	12.27
11/24/2013 17:00	37667	0	0	0	0	0	0	0	0	28.92	29.17	92.1	81.5	0	36.76	26.4	4.577	-0.095	12.3
11/24/2013 18:00	37668	0	0	0	0	0	0	0	0	28.78	28.88	94	82.2	0	6.633	26.4	4.663	0.086	12.26
11/24/2013 19:00	37669	0	0	0	0	0	0	0	0	28.54	28.65	96.2	83.5	0	0	26.39	4.52	-0.143	12.84
11/24/2013 20:00	37670	0	0	0	0	0	0	0	0	28.6	28.67	96.3	83.9	0	0	26.38	4.491	-0.029	12.43
11/24/2013 21:00	37671	0	0	0	0	0	0	0	0	28.85	28.9	97	84.4	0	0	26.38	4.491	0	12.28
11/24/2013 22:00	37672	0	0	0	0	0	0	0	0	28.9	28.97	97.7	84.7	0	0	26.36	4.383	-0.108	12.81
11/24/2013 23:00	37673	0	0	0	0	0	0	0	0	28.93	29.01	98	85.2	0	0	26.35	4.396	0.013	12.42
11/25/2013 0:00	37674	0	0	0	0	0	0	0	0	29.09	29.13	98.5	85.4	0	0	26.34	4.504	0.108	12.33
11/25/2013 1:00	37675	0	0	0	0	0	0	0	0	29.17	29.24	99.4	86.2	0	0	26.32	4.77	0.267	12.27
11/25/2013 2:00	37676	0	0	0	0	0	0	0	0	29.37	29.41	98.8	86.1	0	0	26.3	4.653	-0.117	12.31
11/25/2013 3:00	37677	0	0	0	0	0	0	0	0	29.53	29.53	99.1	86.1	0	0	26.28	4.501	-0.152	12.27
11/25/2013 4:00	37678	0	0	0	0	0	0	0	0	29.73	29.75	99.6	86.3	0	0	26.26	4.64	0.14	12.4
11/25/2013 5:00	37679	0	0	0	0	0	0	0	0	29.69	29.69	99.2	86.3	0	0	26.24	4.548	-0.092	12.35
11/25/2013 6:00	37680	0	0	0	0	0	0	0	0	29.41	29.43	98.7	85.7	0	0	26.23	4.494	-0.054	12.45
11/25/2013 7:00	37681	0	0	0	0	0	0	0	0	29.17	29.21	97.3	83.8	0	0	26.23	4.574	0.079	12.37
11/25/2013 8:00	37682	0	0	0	0	0	0	0	0	29.58	29.61	97.7	84.2	0	3.432	26.24	4.539	-0.035	12.37
11/25/2013 9:00	37683	0	0	0	0	0	0	0	0	29.62	29.65	98.3	84.9	0	44.91	26.25	4.726	0.187	12.26
11/25/2013 10:00	37684	0	0	0	0	0	0	0	0	29.53	29.61	99.2	85.7	0	122.5	26.26	4.63	-0.096	12.43
11/25/2013 11:00	37685	0	0	0	0	0	0	0	0	31.04	31.08	98.6	86.1	0	252	26.27	4.084	-0.546	12.25
11/25/2013 12:00	37686	0.319	262.6	1.515	13.52	4.859	255.9	10.85	13.52	33.34	33.38	94.6	83.9	0	498.1	26.29	3.589	-0.495	12.36
11/25/2013 13:00	37687	11.8	282.7	14.84	20.68	10.56	279.1	18.45	17.1	37.97	38.42	84.9	76.95	0	601.7	26.3	3.121	-0.467	12.58
11/25/2013 14:00	37688	14.73	324.3	13.74	24.26	11.97	321.8	14.36	20.68	40.98	41.51	76.81	69.83	0	402.8	26.31	3.451	0.329	12.62
11/25/2013 15:00	37689	15.6	330.6	10.84	24.26	12.62	328	11.53	20.68	41.24	41.75	74.67	67.57	0	343.1	26.3	3.105	-0.346	12.43
11/25/2013 16:00	37690	14.94	344.7	9.89	22.47	11.85	339.4	11.98	20.68	41.17	41.49	71.4	64.91	0	187.3	26.31	0.818	-2.287	12.58
11/25/2013 17:00	37691	12.39	356.2	11.72	18.89	9.16	351.7	14.01	15.31	40.47	40.66	72.21	65.32	0	101.7	26.32	0.672	-0.146	12.49
11/25/2013 18:00	37692	10.43	337.6	11.19	17.1	8.29	333.7	11.76	13.52	39.82	39.73	75.51	68.12	0	11.21	26.32	0.828	0.156	12.33
11/25/2013 19:00	37693	15.95	347.3	11.74	27.84	12	342.3	13	24.26	39.1	38.92	73.97	66.81	0	0.015	26.33	0.8	-0.029	12.41
11/25/2013 20:00	37694	14.06	359.5	9.65	24.26	9.99	354.3	12.99	18.89	37.28	37.18	76.43	68.33	0	0	26.34	0.971	0.171	12.41
11/25/2013 21:00	37695	13.09	352.8	9.9	24.26	9.64	346.8	12.47	20.68	36.69	36.59	78.12	69.81	0	0	26.35	1.031	0.06	12.25
11/25/2013 22:00	37696	22.29	358.5	10.89	34.99	15.98	353.2	13.48	29.63	33.74	33.75	73.91	65.92	0	0	26.37	0.898	-0.133	12.27
11/25/2013 23:00	37697	18.22	351.8	9.85	31.42	13.38	346.6	12.37	26.05	31.85	31.85	77.65	68.54	0	0	26.37	1.072	0.175	12.54
11/26/2013 0:00	37698	16.82	1.917	8.87	26.05	11.84	357	11.63	20.68	31.58	31.61	80.5	70.73	0	0	26.38	1.314	0.241	12.24
11/26/2013 1:00	37699	16.75	3.924	8.27	26.05	11.73	359.8	11.86	26.05	31.29	31.33	82.9	72.55	0	0	26.38	1.314	0	12.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
11/26/2013 2:00	37700	16.06	5.511	9.59	26.05	11.5	0.67	12.56	22.47	31.12	31.15	79.88	70.14	0	0	26.39	1.228	-0.086	12.35
11/26/2013 3:00	37701	17.07	5.167	9.53	26.05	11.98	0.631	12.76	20.68	31.02	31.04	81.2	71.1	0	0	26.4	1.238	0.01	12.23
11/26/2013 4:00	37702	11.24	352.2	8.49	22.47	8.12	346.7	11.29	18.89	28.76	28.64	85.7	74.78	0	0	26.41	1.47	0.232	12.26
11/26/2013 5:00	37703	8.05	355.8	13.14	13.52	5.754	350.4	15.28	11.74	28.37	28.05	85.6	75.23	0	0	26.41	1.755	0.286	12.25
11/26/2013 6:00	37704	8.23	0.917	12.41	13.52	5.791	355.7	14.24	9.95	28.93	28.56	84.4	74.1	0	0	26.4	1.812	0.057	12.27
11/26/2013 7:00	37705	10.21	355.9	9.31	15.31	7.066	349.6	11.81	11.74	29.66	29.17	80.5	71.56	0	0	26.41	1.942	0.13	12.35
11/26/2013 8:00	37706	10.8	354.6	8.19	17.1	7.565	349.2	11.61	13.52	29.61	29.14	78.9	70.07	0	12.09	26.44	1.831	-0.111	12.23
11/26/2013 9:00	37707	12.76	8.23	10.31	20.68	9.26	4.382	12.66	18.89	32.85	32.89	69.5	61.99	0	164.1	26.48	0.755	-1.076	12.41
11/26/2013 10:00	37708	14.51	8.44	9.74	22.47	10.39	3.996	13.04	18.89	36.85	37.18	57.11	51.76	0	347.8	26.55	0.635	-0.121	12.4
11/26/2013 11:00	37709	13.27	9.49	10.87	20.68	9.71	4.152	13.97	17.1	39.64	40.24	50.21	45.93	0	501.1	26.61	-0.441	-1.075	12.47
11/26/2013 12:00	37710	12.93	8.91	13.1	20.68	9.35	4.444	15.49	17.1	42.36	43.13	46.59	43.2	0	603.9	26.64	-1.224	-0.783	12.42
11/26/2013 13:00	37711	11.75	10.31	14.44	20.68	8.66	6.061	17.39	17.1	44.94	45.8	44.21	41.5	0	647.3	26.65	-1.589	-0.364	12.53
11/26/2013 14:00	37712	10.88	5.866	17.32	18.89	8.21	1.041	19.51	15.31	46.79	47.7	43.22	40.73	0	627.3	26.65	-1.842	-0.254	12.71
11/26/2013 15:00	37713	12.23	14.11	15.65	20.68	8.73	10.52	17.98	17.1	47.41	48.15	43.09	40.37	0	545.2	26.65	-2.074	-0.231	12.41
11/26/2013 16:00	37714	11.37	9.39	13.99	18.89	8.7	6.352	16.02	17.1	47.92	48.47	43.73	40.85	0	407.4	26.64	-2.134	-0.06	12.84
11/26/2013 17:00	37715	11.53	356.3	13.01	18.89	8.41	354.2	16.08	15.31	47.52	47.97	45.56	42.59	0	231.5	26.63	-2.21	-0.076	12.6
11/26/2013 18:00	37716	8.59	357.6	8.57	15.31	5.901	354.9	11.46	11.74	45.24	44.97	49.51	46.72	0	45.24	26.61	-1.951	0.26	12.4
11/26/2013 19:00	37717	7.302	2.752	6.535	9.95	4.561	359	9.78	8.16	40.99	39.8	60.17	56.95	0	0.089	26.58	-0.539	1.411	12.22
11/26/2013 20:00	37718	6.755	2.074	5.127	8.16	4.033	5.368	9.72	6.368	39.28	37.66	65.37	62.08	0	0	26.56	0.53	1.069	12.23
11/26/2013 21:00	37719	6.857	339.7	13.1	9.95	3.791	338.1	27.05	6.368	39.77	37.03	61.77	62.06	0	0	26.55	0.917	0.387	12.31
11/26/2013 22:00	37720	7.22	324.8	3.321	9.95	3.089	317.1	9.23	8.16	36.86	33.79	70.94	69.42	0	0	26.55	1.441	0.524	12.24
11/26/2013 23:00	37721	5.526	330.7	20.64	9.95	1.755	332.4	29.25	6.368	36.06	33.75	73.53	69.97	0	0	26.54	1.701	0.26	12.31
11/27/2013 0:00	37722	4.641	344.4	15.22	9.95	1.858	344.8	14.26	8.16	33.72	32.04	81.3	74.53	0	0	26.54	1.819	0.118	13.1
11/27/2013 1:00	37723	3.645	4.287	7.685	6.368	0	0	0	0	35.23	30.36	72.68	75.23	0	0	26.53	1.854	0.035	12.23
11/27/2013 2:00	37724	2.997	328.7	30.63	6.368	0.133	231.3	2.531	4.578	34.23	29.09	74.41	75.84	0	0	26.52	1.885	0.032	12.24
11/27/2013 3:00	37725	3.423	343.3	16.11	6.368	0.463	336.6	6.717	4.578	32.55	29.83	80.3	75.92	0	0	26.51	1.974	0.089	12.22
11/27/2013 4:00	37726	6.833	325.9	6.255	9.95	3.251	319.4	9.78	6.368	32.67	30.65	79.3	74.4	0	0	26.51	2.136	0.162	12.24
11/27/2013 5:00	37727	4.823	334.6	10.62	9.95	1.845	328.1	9.08	8.16	32.24	30.26	80.1	74.31	0	0	26.5	2.12	-0.016	12.23
11/27/2013 6:00	37728	0.841	19.1	14.89	2.789	0	0	0	0	31.64	28.09	81.1	77.93	0	0	26.5	2.022	-0.098	12.24
11/27/2013 7:00	37729	2.294	37.89	12.41	4.578	0	0	0	0	32.31	27.85	77.5	78.59	0	0	26.5	2.066	0.044	12.24
11/27/2013 8:00	37730	3.486	90.1	19.13	4.578	0	0	0	0	34.07	27.88	71.54	77.33	0	11.68	26.5	2.139	0.073	12.54
11/27/2013 9:00	37731	2.899	119	28.62	6.368	0.493	175	6.197	4.578	37.96	37.37	68.26	65.6	0	159.1	26.53	2.967	0.828	12.37
11/27/2013 10:00	37732	6.33	161	12.37	9.95	4.336	162	18.57	8.16	40.56	41.54	62.58	56.27	0	344.8	26.6	3.305	0.338	12.4
11/27/2013 11:00	37733	7.454	172.9	16.96	13.52	5.305	173.7	23.11	9.95	43.06	44.13	55.43	49.2	0	500.4	26.63	3.656	0.351	12.47
11/27/2013 12:00	37734	9.55	203.8	13.56	15.31	7.125	205.8	16.86	11.74	44.53	45.53	50.89	45.88	0	606.3	26.64	0.926	-2.731	12.48
11/27/2013 13:00	37735	11.12	208	12.97	17.1	8.14	208.5	15.76	13.52	46.09	47.26	48.33	43.8	0	619.6	26.63	0.133	-0.793	12.8
11/27/2013 14:00	37736	10.94	206.4	14.21	17.1	7.971	206.7	16.79	13.52	47.12	48.04	45.26	41.52	0	493.9	26.59	-0.869	-1.002	12.58
11/27/2013 15:00	37737	11.14	211.9	11.31	17.1	8.04	212.1	14.33	13.52	47.5	48.18	43.5	40.35	0	338.3	26.55	-1.646	-0.777	12.45
11/27/2013 16:00	37738	9.31	208.3	12.55	13.52	6.519	207.7	16.06	11.74	47.03	47.43	45.19	41.88	0	215.7	26.51	-1.668	-0.022	12.54
11/27/2013 17:00	37739	7.86	204.8	11.16	13.52	5.47	206.4	14.16	9.95	46.78	46.82	46.26	43.28	0	111.7	26.49	-1.437	0.231	12.76
11/27/2013 18:00	37740	6.56	194.1	7.425	11.74	3.751	193.7	12.96	8.16	45.08	44.27	52.4	49.87	0	18.08	26.47	-0.33	1.107	12.56
11/27/2013 19:00	37741	5.721	178.5	8.33	9.95	2.211	162.2	15.23	4.578	42.21	40.19	60.02	59.03	0	0.036	26.45	0.631	0.961	12.6
11/27/2013 20:00	37742	5.203	151.6	8.98	8.16	0.853	129.5	13.2	4.578	41.07	38.74	62.95	63	0	0	26.43	1.234	0.603	12.38
11/27/2013 21:00	37743	6.217	159.7	8.94	8.16	2.377	154.4	14.91	6.368	40.09	38.51	67.54	64.74	0	0	26.43	1.412	0.178	12.38
11/27/2013 22:00	37744	5.298	157.5	8.68	8.16	1.31	154.5	10.26	4.578	38.57	37.26	73.46	68.37	0	0	26.43	1.402	-0.01	12.4

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
11/27/2013 23:00	37745	4.775	153	6.703	6.368	0	0	0	0	36.61	34.13	78.07	73.5	0	0	26.42	1.72	0.317	12.51	
11/28/2013 0:00	37746	4.844	166.4	14.66	6.368	0	0	0	0	35.4	32.94	79.79	75.59	0	0	26.4	2.133	0.413	12.31	
11/28/2013 1:00	37747	4.886	173.5	8.67	8.16	0.635	171.6	6.266	4.578	35.36	32.98	77.28	74.36	0	0	26.38	2.542	0.41	12.65	
11/28/2013 2:00	37748	4.675	159	10.31	8.16	0.406	164.8	4.89	4.578	35.72	33.54	74.41	71.42	0	0	26.36	2.735	0.193	12.26	
11/28/2013 3:00	37749	4.193	161.1	8.41	6.368	0	0	0	0	35.82	33.7	72.27	68.78	0	0	26.36	2.999	0.264	12.39	
11/28/2013 4:00	37750	4.288	171.8	13.41	6.368	0	0	0	0	35.92	33.63	71.7	68.84	0	0	26.36	3.094	0.095	12.25	
11/28/2013 5:00	37751	4.869	180.6	7.416	6.368	0	0	0	0	35.54	32.72	71.95	69.42	0	0	26.35	3.079	-0.015	12.25	
11/28/2013 6:00	37752	4.509	187.7	7.945	8.16	0.27	168.8	2.836	2.789	34.68	31.99	74.18	70.64	0	0	26.35	3.025	-0.054	12.26	
11/28/2013 7:00	37753	4.213	200.1	7.249	6.368	0	0	0	0	33.59	30.45	77.05	73.81	0	0	26.35	2.85	-0.175	12.33	
11/28/2013 8:00	37754	3.619	193.8	16.13	6.368	0	0	0	0	32.82	30.03	78.48	74.38	0	10.51	26.35	2.533	-0.317	13.1	
11/28/2013 9:00	37755	5.666	193.8	12.35	11.74	3.017	193.4	13.55	9.95	35.78	35.86	76	67.78	0	157.7	26.38	3.579	1.046	12.52	
11/28/2013 10:00	37756	8.86	201.4	11.21	13.52	6.346	203.4	15.2	9.95	39.79	40.55	69.82	61.47	0	341.8	26.46	4.346	0.766	12.91	
11/28/2013 11:00	37757	8.04	208.4	11.69	11.74	6.047	209.9	15.92	9.95	43.62	44.54	62.34	55.09	0	496.4	26.52	1.437	-2.909	12.94	
11/28/2013 12:00	37758	6.82	212.7	13.93	11.74	5.35	214.8	17.42	9.95	48.81	49.27	51.98	47.38	0	600.8	26.55	1.011	-0.425	12.99	
11/28/2013 13:00	37759	7.387	216.9	15.3	11.74	5.711	217.2	17.62	9.95	52.55	53.13	42.41	39.78	0	645.5	26.56	0.45	-0.561	13.08	
11/28/2013 14:00	37760	7.888	211.8	21.36	13.52	6.128	211.9	24.57	13.52	54.64	55.31	38.19	36.04	0	626.2	26.55	0.149	-0.301	13.12	
11/28/2013 15:00	37761	7.519	203.9	26.48	15.31	5.646	204.5	29.1	11.74	55.98	56.62	36.27	34	0	545.6	26.54	-0.063	-0.212	13.25	
11/28/2013 16:00	37762	6.387	203	21.59	13.52	4.881	204.7	26.16	9.95	56.52	57.04	35.02	32.72	0	410.2	26.54	0.498	0.561	12.98	
11/28/2013 17:00	37763	5.483	184.9	21.92	9.95	3.964	186.8	26.79	8.16	56.65	57.3	34.79	32.51	0	234.6	26.53	1.183	0.685	13.03	
11/28/2013 18:00	37764	5.598	157.9	15.71	8.16	2.63	151.8	21.96	6.368	53.97	53.1	38.69	38.67	0	45.83	26.52	1.487	0.304	13.1	
11/28/2013 19:00	37765	4.772	165.9	8.7	6.368	1.947	101.4	7.799	2.789	49.88	45.3	44.42	50.16	0	0.106	26.48	1.998	0.511	12.63	
11/28/2013 20:00	37766	3.635	140.5	29.48	6.368	1.35	71.59	9.45	4.578	47.78	43.91	48.11	51.65	0	0	26.46	2.5	0.502	12.34	
11/28/2013 21:00	37767	7.54	120	7.566	9.95	3.675	95.2	14.03	6.368	45.06	40.44	58.46	61.18	0	0	26.46	2.691	0.191	12.38	
11/28/2013 22:00	37768	7.684	131	7.661	9.95	3.53	119.8	14.59	6.368	41.08	38.91	76.16	71.39	0	0	26.46	2.91	0.219	12.27	
11/28/2013 23:00	37769	3.361	154.7	13.9	8.16	0.158	165.5	4.166	4.578	38.52	36.47	82	75.83	0	0	26.46	2.722	-0.187	12.24	
11/29/2013 0:00	37770	1.991	165.9	13.33	4.578	0	0	0	0	37.68	35.46	83.1	77.34	0	0	26.45	2.843	0.121	12.22	
11/29/2013 1:00	37771	1.944	147.8	21.65	4.578	0	0	0	0	37.31	35.12	84	77.73	0	0	26.45	2.964	0.121	12.74	
11/29/2013 2:00	37772	3.33	127.7	25.64	6.368	0	0	0	0	36.41	34.25	84.7	78.32	0	0	26.44	3.339	0.375	12.79	
11/29/2013 3:00	37773	3.712	113.1	9.81	6.368	0	0	0	0	35.92	33.49	84.4	78.45	0	0	26.43	3.475	0.137	12.56	
11/29/2013 4:00	37774	4.313	75.19	14.96	6.368	0	0	0	0	35.04	32.38	86.1	79.79	0	0	26.44	3.304	-0.171	12.56	
11/29/2013 5:00	37775	4.023	46.01	5.773	6.368	0	0	0	0	33.48	31.7	88	79.79	0	0	26.44	3.352	0.048	12.94	
11/29/2013 6:00	37776	4.965	35.9	8.28	8.16	1.628	33.85	8.24	6.368	32.48	31.04	89.4	80.1	0	0	26.44	3.32	-0.032	12.4	
11/29/2013 7:00	37777	3.762	27.49	8.3	6.368	1.264	34.9	7.907	4.578	32.03	30.52	90.3	80.8	0	0	26.44	3.222	-0.098	12.27	
11/29/2013 8:00	37778	5.117	42.31	10.55	8.16	2.169	40.78	11.19	4.578	31.34	30.26	91.1	80.9	0	11.6	26.45	3.371	0.149	12.26	
11/29/2013 9:00	37779	4.781	76.39	18.2	8.16	2.941	77.74	20.08	6.368	34.55	34.78	86.4	77.2	0	145.2	26.48	3.849	0.478	12.45	
11/29/2013 10:00	37780	6.127	130.5	15.92	9.95	4.4	129.4	22.07	8.16	40.14	41.11	76.93	68.34	0	336.6	26.54	3.321	-0.528	12.78	
11/29/2013 11:00	37781	6.68	165.2	20.28	9.95	4.886	168.5	27.97	9.95	45.23	46.35	66.67	58.75	0	490.8	26.6	3.291	-0.03	12.85	
11/29/2013 12:00	37782	6.356	162.8	28.81	11.74	4.823	164	35.08	9.95	50.25	51.25	56.6	50.86	0	599.1	26.63	3.088	-0.203	12.8	
11/29/2013 13:00	37783	6.533	199.3	24.69	11.74	4.995	203.7	30.04	11.74	54.53	55.08	49.27	45.28	0	632.3	26.64	1.259	-1.83	12.86	
11/29/2013 14:00	37784	6.703	209	21.46	15.31	5.141	211.1	24.14	11.74	57.91	58.41	43.69	40.92	0	613.5	26.62	1.426	0.168	12.82	
11/29/2013 15:00	37785	8.03	183	21.87	15.31	5.819	184.9	25.94	11.74	59.99	60.86	39.41	37.14	0	540.9	26.61	0.463	-0.964	12.89	
11/29/2013 16:00	37786	8.5	184.8	17.88	15.31	6.005	185.9	22.52	11.74	60.47	61.31	38.87	36.73	0	381.2	26.59	0.311	-0.152	12.84	
11/29/2013 17:00	37787	8.62	174.8	12	13.52	5.613	174.8	18.59	9.95	59.86	60.48	38.96	37.15	0	200.9	26.57	0.469	0.159	12.78	
11/29/2013 18:00	37788	7.139	173.2	8.25	11.74	3.348	170.5	15.87	8.16	56.14	55.15	45.28	44.13	0	35.55	26.53	1.443	0.973	12.81	
11/29/2013 19:00	37789	5.065	164.5	9.29	8.16	0	0	0	0	50.27	47.39	56.56	56.08	0	0.076	26.49	1.586	0.143	12.61	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
11/29/2013 20:00	37790	6.303	153.5	9.87	9.95	1.504	119.7	16.07	4.578	48.37	44.11	60.77	62.73	0	0	26.47	1.76	0.174	12.47	
11/29/2013 21:00	37791	5.47	148.1	13.15	8.16	1.928	121.9	16.06	4.578	46.48	43.47	65.84	64.59	0	0	26.46	2.015	0.254	12.49	
11/29/2013 22:00	37792	5.765	151.9	16.69	8.16	0.183	113.7	2.337	4.578	45.58	40.89	68.79	69.85	0	0	26.46	1.945	-0.07	12.52	
11/29/2013 23:00	37793	5.448	197.7	12.28	9.95	0.647	218.5	5.269	4.578	43.08	39.36	75.76	73.94	0	0	26.45	2.126	0.181	12.34	
11/30/2013 0:00	37794	5.844	206.2	7.933	8.16	1.932	214.3	12.04	4.578	41.37	38.71	81.6	76.79	0	0	26.44	2.211	0.086	12.3	
11/30/2013 1:00	37795	5.132	208.5	6.637	8.16	0.599	201.1	3.712	4.578	40.71	37.67	84.8	79.91	0	0	26.42	2.272	0.06	12.25	
11/30/2013 2:00	37796	5.996	203.7	7.43	9.95	2.587	206.8	10.35	6.368	39.76	37.82	88.9	81.7	0	0	26.41	2.653	0.381	12.27	
11/30/2013 3:00	37797	5.428	214.1	21.37	9.95	2.654	222.6	30.76	6.368	38.96	37.7	93.3	83.6	0	0	26.4	2.681	0.029	12.91	
11/30/2013 4:00	37798	5.503	287.5	11.69	8.16	2.775	300.6	13.92	4.578	38.45	35.88	93.4	84.7	0	0	26.41	2.373	-0.308	12.24	
11/30/2013 5:00	37799	4.161	275.3	10.97	6.368	0.571	307.8	5.92	4.578	39.22	36.44	94.1	85.6	0	0	26.4	1.58	-0.793	12.51	
11/30/2013 6:00	37800	2.16	282.3	12.64	4.578	0	0	0	0	39.06	36.57	95.7	86.6	0	0	26.39	1.456	-0.124	12.26	
11/30/2013 7:00	37801	2.667	283.9	28	4.578	0.404	332	7.255	4.578	38.97	36.42	97.3	87.4	0	0	26.39	1.415	-0.041	12.29	
11/30/2013 8:00	37802	4.346	299.2	10.36	6.368	0.768	317.9	4.609	4.578	40.31	37.35	95.7	88.1	0	13.67	26.4	1.916	0.501	12.35	
11/30/2013 9:00	37803	5.072	300.1	10.94	8.16	3.792	298.5	14.33	6.368	42.08	41.35	91	84.8	0	160.8	26.43	2.43	0.514	12.48	
11/30/2013 10:00	37804	5.245	249.1	28.63	8.16	4.237	248.4	28.23	8.16	47.99	48.25	79.81	71.86	0	417.6	26.5	2.604	0.173	12.81	
11/30/2013 11:00	37805	4.899	225.7	27.99	8.16	3.586	221.3	26.45	8.16	55.22	55.59	63.77	58.31	0	596.6	26.57	2.59	-0.013	12.95	
11/30/2013 12:00	37806	4.3	252.9	64.76	9.95	2.976	260.5	54.44	8.16	61.99	62.15	48.84	46.98	0	637.4	26.61	2.615	0.025	13.06	
11/30/2013 13:00	37807	4.94	320.1	27.02	9.95	3.72	314.7	22.68	9.95	65.62	65.82	35.41	35.57	0	592.6	26.6	2.735	0.12	13.11	
11/30/2013 14:00	37808	4.017	313.4	42.56	8.16	3.084	303.4	39.04	8.16	69.71	69.66	30.61	31.07	0	677	26.57	2.982	0.247	13.13	
11/30/2013 15:00	37809	3.712	25.7	84.2	8.16	2.094	359.6	68.55	8.16	71.28	71.39	28.5	28.79	0	538.2	26.56	1.787	-1.195	13.13	
11/30/2013 16:00	37810	6.148	234.6	18.23	9.95	4.84	232.9	19.22	9.95	68.63	68.47	31.43	31.45	0	230.6	26.55	0.973	-0.814	13.2	
11/30/2013 17:00	37811	6.686	209.3	11.58	11.74	4.582	209.7	13.72	9.95	65.92	65.7	38.45	38.23	0	90.5	26.5	1.198	0.225	13.12	
11/30/2013 18:00	37812	6.116	208.1	9.52	9.95	3.351	211.7	15.64	8.16	62.77	61.5	44.17	44.55	0	36.62	26.47	1.424	0.225	13.12	
11/30/2013 19:00	37813	3.136	200.9	24.41	6.368	0.001	117	0.001	2.789	58.44	54.83	51.28	53.98	0	0.061	26.45	1.586	0.162	12.99	
11/30/2013 20:00	37814	4.307	225.3	22.21	8.16	0	0	0	0	55.58	52.22	58.05	59.51	0	0.002	26.43	1.716	0.13	12.71	
11/30/2013 21:00	37815	2.668	202	22.43	4.578	0.233	160.4	1.778	4.578	53.13	49.19	63.76	65.46	0	0	26.42	1.792	0.076	12.78	
11/30/2013 22:00	37816	2.282	251.1	26.62	6.368	0.056	195.8	0.848	4.578	51.6	47.7	68.36	69.93	0	0.001	26.41	2.074	0.282	12.85	
11/30/2013 23:00	37817	1.649	201.1	16.72	6.368	0	0	0	0	51.08	47.38	69.87	72.19	0	0	26.41	2.48	0.406	12.45	
12/1/2013 0:00	37818	2.183	220.9	29.12	4.578	0	0	0	0	49.44	46.17	74.17	74.38	0	0	26.4	2.293	-0.187	12.44	
12/1/2013 1:00	37819	3.59	198	31.63	6.368	0.237	156.2	2.837	4.578	48.16	44.83	76.52	75.98	0	0	26.39	2.309	0.016	12.66	
12/1/2013 2:00	37820	2.428	220.6	21.5	4.578	0	0	0	0	47.65	44.85	77.05	75.35	0	0	26.37	2.417	0.108	12.54	
12/1/2013 3:00	37821	1.733	242.4	27.12	4.578	0.013	352.9	0.275	2.789	47.12	44.47	79.97	76.16	0	0	26.36	2.468	0.051	12.39	
12/1/2013 4:00	37822	3.207	227.3	18.91	6.368	0.094	162.6	1.059	2.789	47.01	43.76	82.1	79.24	0	0	26.35	2.722	0.254	12.51	
12/1/2013 5:00	37823	4.267	294.4	11.74	6.368	1.015	316.4	3.129	4.578	47.23	45.08	83.6	79.02	0	0.001	26.35	2.931	0.209	12.39	
12/1/2013 6:00	37824	4.559	297.2	4.941	6.368	1.768	311.3	6.478	4.578	47.65	44.86	84	80	0	0	26.34	2.953	0.022	12.45	
12/1/2013 7:00	37825	3.735	310.9	27.1	6.368	1.898	314.5	26.63	4.578	47.77	45.27	84	80.1	0	0	26.34	3.181	0.228	12.32	
12/1/2013 8:00	37826	1.97	331.7	31.93	6.368	0.357	169.8	18.61	4.578	47.8	46.45	79.91	75.73	0	1.944	26.36	3.587	0.406	12.48	
12/1/2013 9:00	37827	3.805	309.5	38.3	11.74	1.473	328.4	13.23	9.95	48.67	47.14	79.5	76.34	0	30.32	26.38	3.724	0.136	12.79	
12/1/2013 10:00	37828	9.57	337.5	7.351	15.31	7.578	333	9.04	11.74	54.96	54.16	63.04	60.63	0	75.54	26.41	3.362	-0.362	12.76	
12/1/2013 11:00	37829	5.697	320.1	11.21	8.16	4.099	315	12.5	8.16	55.91	55.2	58.09	56.6	0	68.37	26.44	2.778	-0.584	12.81	
12/1/2013 12:00	37830	5.293	303.9	26.95	9.95	3.983	296.7	30.24	8.16	55.56	54.92	58.09	56.18	0	68.15	26.43	2.049	-0.729	12.88	
12/1/2013 13:00	37831	3.847	270.3	14.44	6.368	3.003	260.8	15.1	6.368	55.18	54.82	62.49	59.2	0	90.2	26.41	2.397	0.349	12.83	
12/1/2013 14:00	37832	3.305	247.3	30.8	6.368	2.151	242.7	27.2	6.368	56.37	56.14	61.21	57.68	0	99.3	26.39	2.445	0.047	12.78	
12/1/2013 15:00	37833	2.439	230.2	12.54	4.578	0.681	232.9	4.247	4.578	56.78	56.39	61.53	58.27	0	91.3	26.36	2.638	0.193	12.76	
12/1/2013 16:00	37834	5.502	205.4	13.4	9.95	3.515	205.7	13.49	8.16	57.77	57.73	58.75	55.2	0	136.9	26.36	2.055	-0.584	12.7	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/1/2013 17:00	37835	4.165	214.3	13.3	8.16	2.232	215.2	12.06	8.16	57.49	57.16	58.46	55.62	0	76.54	26.36	1.975	-0.079	12.83
12/1/2013 18:00	37836	4.897	216.9	11.06	8.16	1.482	213.8	9.47	6.368	55.85	54.78	63.29	61	0	16.98	26.35	2.343	0.368	12.94
12/1/2013 19:00	37837	4.549	241.5	21.34	8.16	1.003	268.7	9.97	6.368	53.28	50.96	66.82	65.82	0	0.051	26.34	2.318	-0.025	12.66
12/1/2013 20:00	37838	5.079	246	17.06	8.16	0.203	256.4	2.754	4.578	51.9	49.24	69.32	68.42	0	0.005	26.31	2.449	0.13	12.6
12/1/2013 21:00	37839	3.101	291.6	36.09	8.16	0.587	242.1	20.99	4.578	49.7	46.91	71.92	71.46	0	0.002	26.3	2.395	-0.054	12.6
12/1/2013 22:00	37840	4.835	307	19.24	9.95	0.656	307.4	23.02	4.578	48.95	46	69.46	68.69	0	0.001	26.28	2.433	0.038	12.75
12/1/2013 23:00	37841	9.05	317.9	9.03	15.31	6.267	317.3	10.56	11.74	48.28	46.8	71.92	67.98	0	0	26.28	2.572	0.14	12.45
12/2/2013 0:00	37842	10.95	325.9	10.75	17.1	7.969	325.3	12.04	11.74	48.06	46.73	69.72	65.7	0	0	26.26	2.566	-0.006	12.34
12/2/2013 1:00	37843	10.46	320.9	7.404	22.47	7.437	320.7	8.6	13.52	47.75	46.51	69.71	65.28	0	0	26.24	2.531	-0.035	12.47
12/2/2013 2:00	37844	9.95	316.1	8.97	17.1	7.13	314.2	10.71	15.31	46.32	45.16	72.16	66.85	0	0	26.22	2.55	0.019	12.31
12/2/2013 3:00	37845	8.53	303	18.59	15.31	5.831	297	29.32	11.74	43.68	42.46	77.91	71.2	0	0	26.19	2.269	-0.282	12.42
12/2/2013 4:00	37846	6.128	289.1	7.216	8.16	2.731	277.3	24.23	4.578	41.19	37.79	82.4	78.15	0	0	26.17	2.139	-0.13	12.34
12/2/2013 5:00	37847	6.832	285	10.41	9.95	3.104	278	17.9	6.368	40.6	37.03	80.3	78.06	0	0	26.13	2.481	0.343	13.14
12/2/2013 6:00	37848	4.794	263.6	10.02	8.16	1.03	302.9	20.53	4.578	39.4	35.07	79.42	78.12	0	0	26.11	2.332	-0.149	12.26
12/2/2013 7:00	37849	8.33	290.8	17.1	11.74	4.273	297.1	16.22	8.16	41.31	37.07	66.55	70.09	0	0	26.1	2.634	0.302	12.24
12/2/2013 8:00	37850	7.025	293.4	21.37	9.95	3.687	280.8	29.87	6.368	44.71	41.36	53.07	55.88	0	12.61	26.12	2.462	-0.171	12.24
12/2/2013 9:00	37851	4.774	239.7	15.58	9.95	2.394	239.5	16.51	8.16	48.39	46.94	47.65	48.86	0	132.4	26.14	2.937	0.475	12.55
12/2/2013 10:00	37852	14.3	290.7	16.58	31.42	11.45	287.5	19.99	26.05	57.05	56.33	31.23	31.61	0	307.3	26.19	2.87	-0.067	12.79
12/2/2013 11:00	37853	19.28	304.6	10.43	33.21	15.57	303.5	12.23	27.84	62.42	62.19	23.21	22.15	0	482.6	26.24	0.504	-2.366	12.85
12/2/2013 12:00	37854	20.61	304.6	8.45	33.21	16.64	303.5	10.23	29.63	65.79	65.87	21.56	20.24	0	590.7	26.26	0.647	0.143	12.93
12/2/2013 13:00	37855	20.59	316.4	9.38	34.99	16.4	315.4	10.23	27.84	69.52	69.68	18.87	17.62	0	643.9	26.25	0.241	-0.406	12.9
12/2/2013 14:00	37856	19.16	312.7	11.1	29.63	15.52	311.6	11.85	26.05	72.06	72.23	17.47	16.27	0	627.9	26.24	-0.605	-0.846	12.93
12/2/2013 15:00	37857	17.96	301.3	12.43	27.84	14.57	299.4	15.26	24.26	72.74	72.93	16.86	15.54	0	548	26.22	-0.624	-0.019	12.93
12/2/2013 16:00	37858	17.22	287.7	10.03	27.84	13.58	284.3	13.77	26.05	73.15	73.24	16.71	15.45	0	407.5	26.2	-0.149	0.475	12.97
12/2/2013 17:00	37859	14.13	290.1	11.88	22.47	11.24	288.1	14.91	20.68	73.22	72.95	17.05	16.04	0	223.7	26.19	0	0.149	12.89
12/2/2013 18:00	37860	9.42	265.3	8.49	17.1	6.593	260.1	10.66	15.31	69.37	67.84	20.79	20.85	0	38.89	26.16	1.157	1.157	12.84
12/2/2013 19:00	37861	8.18	264.8	9.62	11.74	4.805	262.7	16.71	8.16	63.44	60.17	26.13	27.84	0	0.111	26.12	1.604	0.447	12.6
12/2/2013 20:00	37862	9.31	279.1	19.22	15.31	5.952	278.5	26.53	11.74	59.96	57.5	29.15	30.19	0	0.019	26.09	1.592	-0.012	12.63
12/2/2013 21:00	37863	7.853	302.7	7.811	9.95	4.228	304.9	12.8	6.368	56.25	53.18	32.9	34.95	0	0.005	26.09	1.624	0.032	12.62
12/2/2013 22:00	37864	7.595	294.9	6.582	11.74	4.027	295.3	11.5	6.368	53.26	50.08	36.17	38.34	0	0.002	26.07	1.653	0.029	12.59
12/2/2013 23:00	37865	9.64	290.3	4.948	13.52	6.011	290.1	9.35	11.74	52.41	49.84	36.97	38.42	0	0.001	26.05	2.014	0.362	12.29
12/3/2013 0:00	37866	9.2	300.3	6.756	13.52	5.741	298.1	9.12	8.16	51.32	48.95	38.44	39.26	0	0	26.04	1.973	-0.041	12.21
12/3/2013 1:00	37867	8.8	303.9	4.8	15.31	5.083	301	7.363	9.95	50.44	47.37	40.28	42.28	0	0	26.02	2.033	0.06	12.19
12/3/2013 2:00	37868	10.14	294	6.421	13.52	6.677	290.7	11.06	11.74	50.32	48.29	39.66	40.02	0	0	26	2.201	0.168	12.33
12/3/2013 3:00	37869	7.071	280	8.94	9.95	3.456	285.3	17.17	6.368	48.87	44.39	41.37	45.43	0	0	25.99	1.884	-0.317	12.39
12/3/2013 4:00	37870	6.423	280.4	9.22	9.95	3.186	296.3	22.62	4.578	49.6	44.72	39.14	44.22	0	0	25.98	2.129	0.245	12.2
12/3/2013 5:00	37871	5.906	285.6	14.9	8.16	2.201	289.5	24.81	4.578	48.07	42.38	41.95	49.55	0	0	25.97	2.027	-0.101	13.04
12/3/2013 6:00	37872	6.315	301.6	18.59	9.95	1.264	301	15.51	6.368	48.25	43.17	41.91	47.86	0	0	25.95	2.085	0.057	12.25
12/3/2013 7:00	37873	8.24	312.9	7.842	13.52	4.309	312.8	13.66	8.16	49.77	46.14	38.22	41.9	0	0	25.95	2.808	0.723	12.38
12/3/2013 8:00	37874	10.43	303.9	7.125	15.31	7.257	304.1	8.54	11.74	53.56	51.72	32.2	32.57	0	8.02	25.99	3.394	0.586	12.7
12/3/2013 9:00	37875	6.632	260.6	57.17	11.74	3.942	256.2	62.86	9.95	54.36	52.79	32.17	32.84	0	71.89	26.02	3.315	-0.079	12.73
12/3/2013 10:00	37876	7.252	223.7	10.59	13.52	5.146	219.8	13.07	11.74	58.69	58.13	28.43	27.75	0	279.3	26.06	2.039	-1.276	13.13
12/3/2013 11:00	37877	13.97	246.6	14.76	27.84	11.07	242.8	15.98	22.47	66.84	66.8	18.79	17.34	0	510.2	26.13	-0.789	-2.828	13.1
12/3/2013 12:00	37878	19.72	260.7	11.84	31.42	15.42	257.1	14.17	26.05	71.28	71.33	12.87	11.07	0	474.3	26.15	-1.819	-1.03	12.86
12/3/2013 13:00	37879	19.12	266.9	11.29	33.21	14.72	263	14.21	27.84	70.41	70.42	13.35	11.34	0	388.9	26.11	-1.858	-0.038	12.91

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/3/2013 14:00	37880	18.29	250.2	10.66	31.42	14.75	245.9	12.42	26.05	71.96	71.97	13.33	11.33	0	498.8	26.08	-1.918	-0.06	12.91
12/3/2013 15:00	37881	16.84	243	10.93	26.05	13.51	239.2	12.29	24.26	72.32	72.26	12.57	10.41	0	475.9	26.08	-1.804	0.114	12.85
12/3/2013 16:00	37882	16.42	246.1	10.2	26.05	13.12	242.7	11.85	22.47	71.95	71.71	12.65	10.51	0	305.9	26.08	-1.975	-0.171	12.78
12/3/2013 17:00	37883	10.58	232.3	20.33	18.89	8.03	228.9	20.83	15.31	70.8	70.07	13.6	11.81	0	143.7	26.05	-0.615	1.36	12.93
12/3/2013 18:00	37884	11.1	225.4	9.38	20.68	7.436	224.2	11.37	15.31	65.91	64.62	19.36	17.89	0	18.55	26.03	-0.904	-0.289	12.82
12/3/2013 19:00	37885	11.2	225.4	8.48	17.1	7.01	224.8	10.87	11.74	61.1	59.43	24.31	23.2	0	0.077	26.01	0.4	1.303	12.84
12/3/2013 20:00	37886	10.92	228.9	8.67	18.89	7.398	228.5	10.32	13.52	59.5	58.04	25.28	23.96	0	0.006	25.99	-1.275	-1.674	12.82
12/3/2013 21:00	37887	11.34	236	8.31	20.68	7.948	233.7	9.27	15.31	58.71	57.34	26.87	25.46	0	0.005	26	-0.14	1.135	12.74
12/3/2013 22:00	37888	5.372	249.7	8.29	9.95	2.802	259.1	18.95	6.368	55.91	53.23	31.35	31.24	0	0.002	26	1.386	1.526	12.81
12/3/2013 23:00	37889	6.329	232	8.29	9.95	2.768	245.3	12.26	4.578	54.33	50.6	35.31	36.49	0	0	25.98	1.922	0.536	12.37
12/4/2013 0:00	37890	6.051	237.9	13.81	9.95	2.957	255.2	22.24	4.578	52.43	49.15	41.03	42.19	0	0	25.96	1.96	0.038	12.61
12/4/2013 1:00	37891	4.434	259.3	27.89	11.74	1.631	286.9	45.17	4.578	51.89	47.43	44.79	47.26	0	0	25.96	2.03	0.07	12.56
12/4/2013 2:00	37892	4.727	276	21.3	9.95	1.705	305.8	27.3	6.368	54.06	48.43	41.62	47.33	0	0	25.96	2.185	0.155	12.36
12/4/2013 3:00	37893	4.227	257.3	26.97	9.95	1.122	270	17	6.368	51.74	47.29	46.22	49.85	0	0	25.96	2.182	-0.003	12.4
12/4/2013 4:00	37894	4.753	179	22.95	11.74	2.079	120.8	25.43	6.368	50.33	43.83	49.64	56.78	0	0	25.96	2.195	0.013	12.38
12/4/2013 5:00	37895	3.436	195.7	30.93	6.368	1.404	93.6	14.98	4.578	50.21	44.47	52.21	56.45	0	0	25.95	2.237	0.042	12.29
12/4/2013 6:00	37896	3.13	211	48.7	4.578	0.115	43.03	2.947	4.578	51.24	45.22	57.18	59.27	0	0	25.94	2.262	0.025	12.27
12/4/2013 7:00	37897	4.949	215.2	31.77	9.95	1.096	158.9	33.89	4.578	50.69	45.02	63.25	65.26	0	0	25.94	2.386	0.124	12.27
12/4/2013 8:00	37898	7.558	254.8	18.67	13.52	3.423	253.6	24.95	9.95	51.75	47.21	65.26	66.16	0	4.581	25.96	2.896	0.51	12.22
12/4/2013 9:00	37899	8.75	251.1	13.48	18.89	6.241	247.8	15.41	13.52	54.41	53.37	63.47	60.05	0.12	144.8	26	9.42	6.527	12.57
12/4/2013 10:00	37900	15.35	240.9	8.15	24.26	11.92	236.4	9.8	20.68	62.66	62.34	50.85	48.94	0	353	26.08	9.44	0.013	12.63
12/4/2013 11:00	37901	15.23	237.7	9.57	22.47	11.83	233.1	10.72	18.89	67.26	67.3	43.39	42.4	0	481.3	26.14	9.43	-0.002	12.63
12/4/2013 12:00	37902	13.96	247.6	12.9	24.26	11.04	243.5	15.83	18.89	70.26	70.56	38.51	38.14	0	563.8	26.16	9.43	-0.001	12.87
12/4/2013 13:00	37903	8.31	217.6	45.27	56.47	13.48	242.4	12.55	24.26	71.9	71.12	35.92	36.65	0	463.4	26.13	9.43	0	12.75
12/4/2013 14:00	37904	20.3	241.5	20.38	36.78	14.78	229.9	41.81	31.42	72.65	72.7	33.21	33.08	0	548.7	26.09	9.43	0.001	12.9
12/4/2013 15:00	37905	21.68	237.8	11.5	43.94	16.42	235	12.98	33.21	72.6	72.95	31.21	30.67	0	486.9	26.09	1.747	-7.687	12.82
12/4/2013 16:00	37906	22.98	242.1	10.27	38.57	17.96	239.5	11.78	31.42	72.27	72.19	30.18	29.93	0	262.2	26.09	8.51	6.768	12.84
12/4/2013 17:00	37907	16.44	238.2	10.93	29.63	12.96	235.2	11.85	26.05	72.31	71.95	29.28	29.2	0	156.9	26.09	8.51	-0.009	12.82
12/4/2013 18:00	37908	15.62	238.4	7.612	26.05	12.17	234.5	8.47	20.68	70.87	70.15	29.74	29.83	0	39.51	26.09	8.5	-0.006	12.79
12/4/2013 19:00	37909	13.02	230.3	9.08	22.47	9.37	227.2	10.44	18.89	68.98	67.77	29.91	30.29	0	0.242	26.1	8.49	-0.005	12.82
12/4/2013 20:00	37910	8.23	257.3	10.75	13.52	5.597	254.4	13.54	11.74	66.01	64.32	32.57	33.24	0	0.145	26.1	8.49	-0.003	12.8
12/4/2013 21:00	37911	7.375	234.4	20.99	11.74	4.323	229.6	27.53	9.95	62.57	60.47	38.09	39.23	0	0.088	26.1	8.49	-0.003	12.85
12/4/2013 22:00	37912	6.68	215.8	21.79	11.74	3.682	207.3	29.28	8.16	60.06	58.09	42.86	43.36	0	0.056	26.1	8.49	-0.002	12.73
12/4/2013 23:00	37913	9.16	216.6	27.82	15.31	5.563	214.1	31.46	11.74	60.48	58.81	41.56	42.07	0	0.042	26.1	8.48	-0.003	12.57
12/5/2013 0:00	37914	5.542	208.2	12.71	15.31	2.772	208.8	10.48	9.95	59.79	58.42	42.4	42.2	0	0.048	26.12	8.48	-0.001	12.49
12/5/2013 1:00	37915	12.48	46.02	28.93	31.42	7.959	46.03	20.56	26.05	52.88	52.09	51.83	49.04	0	0.028	26.16	8.48	0.001	12.53
12/5/2013 2:00	37916	21.56	59.82	8.42	31.42	13.61	53.84	13.1	24.26	41.92	42.01	64.36	56.73	0	0	26.16	8.48	-0.002	12.26
12/5/2013 3:00	37917	23.31	56.05	10.32	34.99	14.22	49.55	14.91	26.05	37.25	37.38	66.02	57.62	0	0	26.14	8.48	-0.004	12.26
12/5/2013 4:00	37918	20.55	54.23	10.87	33.21	12.2	47	14.37	24.26	32.03	32.2	65.8	56.69	0	0	26.15	8.47	-0.006	12.23
12/5/2013 5:00	37919	20.61	50.82	10.43	33.21	11.95	43.51	13.88	26.05	30.1	30.29	63.27	54.33	0	0	26.15	8.47	-0.001	12.28
12/5/2013 6:00	37920	20.07	58.56	10.36	29.63	12.39	51.68	14.5	24.26	27.71	27.92	61.72	53.18	0	0	26.16	8.46	-0.005	12.25
12/5/2013 7:00	37921	19.66	56.51	10.49	31.42	12.07	49.6	14.65	20.68	25.95	26.07	64.79	56.94	0	0	26.14	8.46	-0.003	12.76
12/5/2013 8:00	37922	17.82	45.53	10.4	27.84	10.04	37.89	12.71	20.68	24.93	25.06	68.25	60.56	0	0.522	26.16	8.46	0	12.18
12/5/2013 9:00	37923	12.59	30.45	12.2	22.47	8.2	26.6	14.09	20.68	24.08	24.3	72.36	64.05	0.02	11.19	26.23	8.46	0.001	12.4
12/5/2013 10:00	37924	12.68	45.64	10.87	20.68	7.554	41.24	13.24	15.31	23.42	23.65	77.35	68.01	0.03	27.87	26.25	8.46	0	12.21

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/5/2013 11:00	37925	13.3	44.98	10.51	18.89	7.765	39.54	13.66	15.31	23.57	23.93	81.4	71.34	0.02	112.2	26.25	8.46	-0.001	13.01
12/5/2013 12:00	37926	11.07	55.65	13.1	17.1	7.154	50.38	17.39	13.52	24.33	25.03	83.7	73.55	0.01	276.9	26.24	8.46	0	12.39
12/5/2013 13:00	37927	8.13	63.66	13.67	13.52	5.631	59.72	19.4	9.95	24.49	25.15	84	73.66	0.01	128.4	26.25	8.46	0	12.32
12/5/2013 14:00	37928	7.338	56.69	14.98	13.52	5.031	51.86	18.91	11.74	24.63	25.23	85.2	74.5	0	102.7	26.22	8.46	0	12.32
12/5/2013 15:00	37929	8.5	44.32	12.72	13.52	5.328	39.66	15.59	13.52	24.83	25.34	86.6	75.76	0	104.3	26.19	8.46	0	12.32
12/5/2013 16:00	37930	9.32	50.68	14.58	15.31	6.075	46.6	17.81	11.74	25.22	25.64	86.2	75.38	0	81.5	26.17	8.46	0	12.32
12/5/2013 17:00	37931	9.75	65.14	12.61	13.52	6.599	60.81	18.17	11.74	25	25.36	86.4	75.51	0	34.13	26.17	8.46	0	12.28
12/5/2013 18:00	37932	9.04	66.47	10.42	13.52	6.256	61.05	15.92	11.74	24.64	24.87	87.1	75.97	0	4.856	26.17	8.46	0	12.25
12/5/2013 19:00	37933	10	64.72	12.28	13.52	6.957	60.82	17	11.74	24.33	24.49	87.7	76.31	0	0	26.17	8.46	0	12.21
12/5/2013 20:00	37934	9.65	54.2	12.2	15.31	6.123	49.36	16.59	15.31	24.22	24.41	89.2	77.32	0	0	26.19	8.46	0	12.21
12/5/2013 21:00	37935	9.73	67.51	9.83	13.52	6.854	63.88	15.73	11.74	23.65	23.82	88.6	77.02	0	0	26.21	8.46	0	12.22
12/5/2013 22:00	37936	9.77	56.88	11.95	15.31	6.543	53.24	16.23	11.74	23.18	23.36	88.9	76.96	0	0	26.21	8.46	0.001	12.71
12/5/2013 23:00	37937	8.93	41.64	13.19	13.52	5.423	37.07	14.41	11.74	22.8	22.98	88.3	76.34	0	0	26.22	8.46	0	12.33
12/6/2013 0:00	37938	8.63	63.63	10.97	13.52	5.88	59.06	16.2	11.74	22.28	22.5	88.8	76.77	0	0	26.24	8.46	0	12.22
12/6/2013 1:00	37939	9.62	48.37	13.53	18.89	5.993	44.16	15.92	11.74	21.96	22.13	88	76	0	0	26.22	8.46	0	12.22
12/6/2013 2:00	37940	8.92	64.93	9.7	13.52	6.144	60.81	15.18	11.74	21.72	21.92	87.8	75.9	0	0	26.22	8.46	0	12.23
12/6/2013 3:00	37941	7.748	49.7	12.05	11.74	4.705	44.21	15.7	8.16	21.8	21.99	87.2	75.43	0	0	26.22	8.46	0	12.66
12/6/2013 4:00	37942	7.243	46.07	13.32	11.74	4.463	42.16	15.99	9.95	21.79	21.93	86.5	74.93	0	0	26.23	8.46	0	12.24
12/6/2013 5:00	37943	7.103	39.5	14.63	9.95	4.456	36.72	16.88	9.95	21.96	22.09	85	73.54	0	0	26.24	8.46	0	12.25
12/6/2013 6:00	37944	7.571	51.3	16.37	11.74	4.978	47.18	18.6	11.74	22.05	22.18	85.7	74.11	0	0	26.25	8.46	0	12.91
12/6/2013 7:00	37945	7.62	50.77	12.23	13.52	4.747	46.04	15.59	9.95	22.16	22.28	86.8	74.98	0	0	26.28	8.46	0	12.23
12/6/2013 8:00	37946	9.07	60.11	12.45	13.52	5.897	55.19	17.09	11.74	21.85	21.98	86.7	74.86	0	1.368	26.3	8.46	0	12.22
12/6/2013 9:00	37947	9.34	56.47	11.76	13.52	6.018	51.47	16.61	11.74	21.4	21.64	89.2	76.55	0	18.46	26.33	8.46	0	12.81
12/6/2013 10:00	37948	8.85	50.68	13.48	13.52	5.52	46.11	16.3	9.95	21.14	21.52	89.1	76.65	0	65.04	26.35	8.46	0.001	12.2
12/6/2013 11:00	37949	8.28	58.18	13.09	13.52	5.326	53.39	17.91	13.52	21.47	22.15	89	76.69	0	114.6	26.38	8.46	-0.001	12.23
12/6/2013 12:00	37950	7.887	59.88	12.44	11.74	5.358	54.78	18.01	9.95	22.11	22.9	86.5	74.86	0	171.9	26.39	8.46	-0.001	12.3
12/6/2013 13:00	37951	7.703	54.74	13.52	11.74	5.145	48.88	17.61	9.95	22.82	23.55	85.7	74.25	0	172	26.39	8.46	0	12.22
12/6/2013 14:00	37952	8.67	63.45	15.91	13.52	5.86	58.27	20.49	11.74	23.68	24.44	82.8	72.29	0	173.5	26.38	8.46	0	12.29
12/6/2013 15:00	37953	8.61	70.5	12.88	13.52	6.029	66.45	19.52	9.95	24.35	25.22	80.5	70.63	0	201.7	26.37	8.46	0	12.39
12/6/2013 16:00	37954	8.21	68.57	12.58	11.74	5.866	63.88	18.34	11.74	25.48	26.28	78.16	68.76	0	178.5	26.37	8.46	0	12.46
12/6/2013 17:00	37955	8.51	69.56	10.77	11.74	6.027	66.89	16.47	9.95	25.7	26.15	76.43	67.45	0	71.47	26.38	8.46	0	12.39
12/6/2013 18:00	37956	7.81	82	14.88	11.74	5.564	80	20.26	11.74	25.56	25.72	77.11	67.93	0	11.59	26.39	8.46	0	12.54
12/6/2013 19:00	37957	7.243	87.9	9.8	11.74	5.106	85.7	16.96	9.95	25.38	25.46	78.01	68.68	0	0.012	26.41	8.46	0	12.37
12/6/2013 20:00	37958	8.38	82.2	8.47	11.74	5.606	79.53	15.9	9.95	25.32	25.35	79.41	69.64	0	0	26.42	8.46	0	12.34
12/6/2013 21:00	37959	8.15	89	12.29	11.74	5.785	85.5	17.83	9.95	25.05	25.09	80.8	70.6	0	0	26.43	8.46	0	12.21
12/6/2013 22:00	37960	8.86	86.1	11.28	15.31	6.06	82.9	17.85	11.74	24.41	24.51	81.5	71	0	0	26.43	8.46	0	12.26
12/6/2013 23:00	37961	9.43	102.3	9.51	15.31	6.987	100.5	15.01	11.74	23.33	23.43	83	71.78	0	0	26.45	8.46	0.001	12.9
12/7/2013 0:00	37962	9.37	94.6	10.33	15.31	6.705	91.8	16.44	11.74	21.71	21.89	83.6	71.99	0	0	26.45	8.46	0.001	12.21
12/7/2013 1:00	37963	10.46	94.9	9.88	15.31	7.466	92.8	15.47	13.52	20.35	20.57	84.3	72.47	0	0	26.44	8.46	0.001	12.22
12/7/2013 2:00	37964	12.2	91.4	12.7	18.89	8.3	88.9	18.49	13.52	18.97	19.18	82.1	70.63	0	0	26.44	8.46	-0.003	12.34
12/7/2013 3:00	37965	10.52	109.6	9.61	17.1	7.528	108.8	15.59	13.52	17.95	18.14	82	70.21	0	0	26.45	8.46	0	12.16
12/7/2013 4:00	37966	9.85	85.2	13.78	15.31	6.878	81.6	19.35	11.74	17.41	17.73	82.7	70.64	0	0	26.44	8.46	0	12.96
12/7/2013 5:00	37967	11.39	91.3	10.7	18.89	8.06	89.8	16.68	15.31	16.96	17.27	82.3	70.14	0	0	26.44	8.46	0	12.69
12/7/2013 6:00	37968	13.8	75.46	9.83	20.68	9.19	71.9	16.33	17.1	16.04	16.38	85.1	72.15	0	0	26.42	8.46	0	12.17
12/7/2013 7:00	37969	13.58	76.96	9.23	20.68	9.03	73.51	16.36	17.1	14.7	15.05	79.85	68.17	0	0	26.41	8.46	0	12.94

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/7/2013 8:00	37970	11.83	64.77	11.57	18.89	7.824	61.46	16.25	13.52	14.27	14.62	74.76	64.07	0	1.306	26.41	8.46	0	12.37
12/7/2013 9:00	37971	11.31	70.5	10.1	17.1	7.78	66.29	15.75	15.31	14.42	14.83	71.87	61.64	0	19.81	26.42	8.46	0	13.04
12/7/2013 10:00	37972	11.4	84.6	13.28	17.1	7.863	81.3	18.9	13.52	14.69	15.27	70.96	60.81	0	64.71	26.43	8.46	0	13.13
12/7/2013 11:00	37973	11.4	89.7	11.33	18.89	8.04	86.7	18.06	15.31	15.09	15.9	70.48	60.22	0	132.4	26.43	8.46	0	12.41
12/7/2013 12:00	37974	11.12	97.3	11.23	17.1	8.14	94.8	17.25	13.52	16.23	17.11	69.18	59.13	0	180.3	26.41	8.46	0	12.19
12/7/2013 13:00	37975	10.9	102.2	12.22	17.1	8.06	100.2	17.93	15.31	17.19	18.14	67.94	58.08	0	209.6	26.37	8.46	0.003	12.18
12/7/2013 14:00	37976	9.93	106.8	11.68	17.1	7.433	103.8	17.66	13.52	17.61	18.43	68.11	58.08	0	183.9	26.32	8.46	0	12.25
12/7/2013 15:00	37977	8.62	118.2	16.2	13.52	6.227	117.9	21.65	11.74	18.53	19.46	71.8	60.85	0	172.8	26.3	8.46	0	12.23
12/7/2013 16:00	37978	8.54	118.5	12.39	13.52	6.12	115.6	17.68	11.74	18.1	18.81	79.26	66.67	0	108.7	26.28	8.46	0	12.93
12/7/2013 17:00	37979	9.94	125.4	11.01	15.31	6.68	124.4	16.97	11.74	17.34	17.97	87.9	73.55	0	55.6	26.25	8.46	-0.003	12.32
12/7/2013 18:00	37980	7.439	127.7	11.23	11.74	5.19	126.8	17.2	8.16	17.12	17.49	89.9	75.79	0	8.55	26.25	8.46	0.003	12.99
12/7/2013 19:00	37981	8.67	128.3	9.02	11.74	5.704	126.2	15.43	9.95	16.74	16.99	91.8	77.35	0	0.005	26.23	8.46	-0.003	12.26
12/7/2013 20:00	37982	9.02	136	9.4	13.52	5.954	135.3	16.03	11.74	16.75	17	91.7	77.6	0	0	26.23	8.46	0	12.21
12/7/2013 21:00	37983	8.56	145.2	12.82	13.52	5.625	146.1	18.03	9.95	16.77	17	92.5	78.01	0	0	26.22	8.46	0	12.23
12/7/2013 22:00	37984	8.79	151.1	9.77	13.52	5.715	150.8	15.67	9.95	17.3	17.48	93.5	78.88	0	0	26.2	8.46	0	12.26
12/7/2013 23:00	37985	7.596	157.8	11.33	11.74	4.967	158.2	16.81	9.95	17.92	18.08	93.2	78.96	0	0	26.19	8.46	0	12.25
12/8/2013 0:00	37986	8.12	154.6	9.76	13.52	5.28	154.8	16.19	9.95	18.9	19.03	94.2	79.69	0	0	26.17	8.46	0.003	12.65
12/8/2013 1:00	37987	9.21	162.8	9.77	15.31	6.09	163.5	15.97	11.74	20.05	20.11	94.8	80.5	0	0	26.16	8.46	0	12.26
12/8/2013 2:00	37988	9.14	172.5	10.83	13.52	6.036	173.3	16.64	11.74	20.8	20.86	94.8	80.8	0	0	26.14	8.46	0	12.23
12/8/2013 3:00	37989	6.901	155.8	13.78	11.74	4.666	155.2	19.49	9.95	20.54	20.66	94.4	80.5	0	0	26.12	8.46	0	12.73
12/8/2013 4:00	37990	5.351	149.9	9.7	8.16	3.708	150.2	15.46	8.16	20.47	20.56	94.5	80.5	0	0	26.11	8.46	0	12.27
12/8/2013 5:00	37991	5.236	164.7	12.44	8.16	3.509	165.4	17.94	6.368	20.87	20.96	94.8	80.9	0	0	26.1	8.46	0	12.62
12/8/2013 6:00	37992	3.569	189.5	14.28	6.368	2.415	189.7	17.04	6.368	21.36	21.38	95.1	81.2	0	0	26.09	8.46	0	12.7
12/8/2013 7:00	37993	3.135	226.4	18.27	6.368	2.506	227.5	16.43	6.368	22.1	22.11	95.6	81.7	0	0	26.1	8.46	0	12.23
12/8/2013 8:00	37994	4.375	228.8	13.87	6.368	3.671	227.8	15.25	6.368	22.35	22.4	95.7	81.9	0	1.876	26.1	8.46	0	12.22
12/8/2013 9:00	37995	4.09	233	19.64	8.16	3.486	232.1	19.87	6.368	22.76	22.87	95.8	82	0	33.82	26.11	8.46	-0.001	12.3
12/8/2013 10:00	37996	4.46	221.5	13.84	8.16	3.659	221.9	15.31	6.368	23.78	24.05	96.2	82.3	0	134.1	26.12	8.46	0	12.32
12/8/2013 11:00	37997	5.194	214.1	10.76	8.16	4.452	215.1	13.96	8.16	25.52	26.05	97	83	0	265.7	26.14	8.46	0.003	12.34
12/8/2013 12:00	37998	4.94	236.8	21.82	8.16	5.719	234.8	22.77	9.95	28.99	29.6	97.8	83.4	0	509.2	26.16	8.46	-0.003	12.54
12/8/2013 13:00	37999	7.943	242.3	16.73	13.52	6.887	240.2	18.18	11.74	34.84	36.47	91.7	73.47	0	632.6	26.21	8.46	0	12.45
12/8/2013 14:00	38000	12.06	242.7	13.16	18.89	10.04	240.3	15.38	17.1	43.73	44.18	62.26	55.25	0	616.2	26.22	8.46	-0.001	12.62
12/8/2013 15:00	38001	12.7	241	11.57	18.89	10.39	238.2	13.58	17.1	47.55	47.72	53.04	48.37	0	537	26.22	8.46	-0.001	12.76
12/8/2013 16:00	38002	11.63	215.2	13.89	22.47	8.56	215.7	15.8	17.1	51.09	51.59	47.43	43.48	0	402.2	26.22	8.49	0.028	12.73
12/8/2013 17:00	38003	9.74	192.5	17.11	20.68	6.54	195.3	20.51	13.52	51.83	52.4	46.8	42.94	0	228.6	26.22	8.61	0.124	12.94
12/8/2013 18:00	38004	10.16	239.8	24.25	18.89	7.582	237.9	26.41	15.31	52.13	51.18	38.61	37.69	0	44.54	26.21	8.63	0.017	12.73
12/8/2013 19:00	38005	8.2	233.8	8.07	15.31	5.064	234	11.2	11.74	47.86	45.74	48.49	47.72	0	0.157	26.19	8.63	0.005	12.69
12/8/2013 20:00	38006	5.605	221.6	5.421	8.16	1.298	227.2	10.43	4.578	45.77	40.97	49.79	51.71	0	0.005	26.17	8.64	0.002	12.61
12/8/2013 21:00	38007	2.439	265.8	18.49	4.578	0	0	0	0	43.3	37.43	55.53	58.96	0	0	26.15	8.63	-0.002	12.42
12/8/2013 22:00	38008	4.203	238.1	43.02	11.74	0.823	163.3	7.706	6.368	42.56	34.16	51.55	63.1	0	0	26.14	8.63	-0.002	12.38
12/8/2013 23:00	38009	2.992	147.4	38.47	6.368	1.306	67.25	9.53	6.368	40.43	34.6	53.49	59.39	0	0	26.14	8.63	0.002	12.26
12/9/2013 0:00	38010	5.241	119.4	15.35	8.16	3.34	71.04	11.3	4.578	40.46	35.22	59.96	60.3	0	0	26.14	8.63	-0.001	12.61
12/9/2013 1:00	38011	6.345	62.94	40.26	15.31	3.392	47.32	23.64	9.95	35.93	33.42	77.19	70.77	0	0	26.14	8.63	0	12.26
12/9/2013 2:00	38012	8.92	60.55	54.9	17.1	4.718	57.63	54.26	11.74	32.97	32.07	82.4	72.89	0	0	26.14	8.63	0	12.24
12/9/2013 3:00	38013	7.592	51.35	11.34	11.74	4.33	50.55	15.38	8.16	31.69	30.64	88.4	78.02	0	0	26.16	8.63	0.002	12.25
12/9/2013 4:00	38014	7.692	65.91	9.2	9.95	4.695	61.04	12.31	8.16	31.42	30.11	91.2	80.3	0	0	26.16	8.63	0	13.15

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/9/2013 5:00	38015	8.77	51.05	13.87	13.52	5.016	47.23	15.4	9.95	31.61	30.92	91.9	80.7	0	0	26.15	8.63	0	12.99
12/9/2013 6:00	38016	11.16	48.72	9.04	18.89	6.39	44.37	13.06	13.52	31.82	31.32	92.1	80.5	0	0	26.16	8.63	0	12.22
12/9/2013 7:00	38017	14.74	62.62	8.41	22.47	9.98	60.33	13.16	17.1	30.08	29.68	92.4	80.6	0	0	26.17	8.63	0	12.44
12/9/2013 8:00	38018	15.03	56.71	10.07	22.47	9.28	52.26	14.91	18.89	26.65	26.39	91.6	79.41	0	4.464	26.18	8.63	0	12.98
12/9/2013 9:00	38019	14.26	58.01	11.44	24.26	8.83	53.02	16.32	17.1	25.56	25.66	93.6	79.96	0	56.42	26.19	8.63	0	12.28
12/9/2013 10:00	38020	13.69	62.23	11.42	22.47	9.07	58.46	15.91	17.1	25.58	25.86	97.9	83.4	0	100.2	26.23	8.63	0	12.4
12/9/2013 11:00	38021	13.22	59.82	11.68	18.89	8.49	55.93	16.57	15.31	26.34	26.72	97.8	84.2	0	150.8	26.26	8.63	0	12.34
12/9/2013 12:00	38022	12.19	55.04	12.49	18.89	7.693	51.2	17.07	17.1	26.52	27	97.5	84.2	0	155.2	26.29	8.63	0	12.35
12/9/2013 13:00	38023	12.06	51.92	13.01	17.1	7.544	47.71	16.68	13.52	26.41	26.9	97.2	83.8	0	128	26.29	8.63	0	12.25
12/9/2013 14:00	38024	11.19	50.84	12.11	17.1	6.809	46.45	15.98	15.31	26.33	26.9	97	83.4	0	127	26.27	8.63	0	12.43
12/9/2013 15:00	38025	9.82	53.89	13.38	15.31	6.286	50.29	17.35	11.74	26.37	27.02	96.6	82.8	0	108.8	26.27	8.63	0	12.27
12/9/2013 16:00	38026	10.26	34.31	13.55	15.31	6.036	31.78	15.61	13.52	26.38	26.85	95.7	81.5	0	64.97	26.29	8.63	0	12.53
12/9/2013 17:00	38027	10.19	33.95	11.38	17.1	5.914	32.06	14.7	13.52	26.32	26.69	95.2	80.8	0	48.94	26.31	8.63	0	12.46
12/9/2013 18:00	38028	7.889	20.21	17.45	11.74	4.753	17.45	22.09	9.95	26.96	27.28	93	78.33	0	13.96	26.33	8.63	0	12.33
12/9/2013 19:00	38029	5.469	23.19	15.52	13.52	2.977	21.01	19.22	9.95	27.03	27.07	90.9	76.56	0	0.053	26.36	8.63	0	13.02
12/9/2013 20:00	38030	1.072	82.4	27.03	4.578	0.14	47.09	2.751	4.578	25.66	24.27	93.7	79.08	0	0	26.38	8.63	-0.003	12.31
12/9/2013 21:00	38031	1.198	147.4	12.56	4.578	0	0	0	0	24.55	22.42	95.1	81.1	0	0	26.39	8.63	0.002	12.77
12/9/2013 22:00	38032	0.965	209.1	22.11	4.578	0	0	0	0	23.66	21.43	96.1	81.2	0	0	26.4	8.63	0	12.27
12/9/2013 23:00	38033	3.807	270.6	22.25	6.368	1.158	310.7	24.13	4.578	23.23	20.96	96.9	81.6	0	0	26.42	8.63	0	12.24
12/10/2013 0:00	38034	4.969	275.2	16.1	8.16	2.316	296.2	26.8	4.578	23.15	20.51	95.9	81.4	0	0	26.43	8.63	0	12.23
12/10/2013 1:00	38035	3.506	254.3	26.07	11.74	1.173	288.2	24.01	6.368	22.11	19.67	96.3	81	0	0	26.44	8.63	-0.003	12.83
12/10/2013 2:00	38036	3.603	263.4	37.19	6.368	1.211	310.5	16.39	4.578	21.25	18.78	96.4	81.1	0	0	26.43	8.63	0	12.24
12/10/2013 3:00	38037	1.317	294.5	5.446	6.368	1.017	301.3	33.66	4.578	20.53	17.59	96.1	80.2	0	0	26.42	8.63	0	12.79
12/10/2013 4:00	38038	5.288	302.5	12.02	8.16	3.181	295.6	16.85	6.368	20.54	18.25	95	80.2	0	0	26.41	8.63	0	12.23
12/10/2013 5:00	38039	5.163	308.4	13.66	9.95	3.1	297.3	18.89	8.16	18.32	17.14	94.7	79.42	0	0	26.4	8.63	0	12.17
12/10/2013 6:00	38040	7.795	300.9	35.51	13.52	5.961	295.5	41.79	11.74	20.52	19.83	92	78.97	0	0	26.39	8.63	0	12.97
12/10/2013 7:00	38041	5.169	299.4	13.44	9.95	2.638	292.8	20.69	6.368	16.66	15.1	90.1	77.08	0	0	26.41	8.63	0	12.25
12/10/2013 8:00	38042	6.589	303.2	30.01	9.95	3.456	301.2	36.37	8.16	19.18	16.34	75.35	70.73	0	4.532	26.41	8.63	0.002	12.22
12/10/2013 9:00	38043	3.865	245.3	23.98	8.16	2.352	246.2	23.99	4.578	18.31	18.06	86.1	71.9	0	98.4	26.44	8.63	0.002	12.27
12/10/2013 10:00	38044	6.517	222.2	24.02	11.74	4.758	223.6	24.26	9.95	24.54	24.92	87	73.49	0	259.4	26.5	8.63	0	12.73
12/10/2013 11:00	38045	9.12	216.9	12.07	15.31	6.469	216.5	15.04	11.74	24.46	25.14	95.1	80.5	0	254.1	26.54	8.63	-0.003	12.48
12/10/2013 12:00	38046	6.172	212.3	17.74	9.95	4.682	210.9	19.56	9.95	28.4	29.13	95	81	0	402.2	26.53	8.63	0	12.4
12/10/2013 13:00	38047	7.617	213.5	13.43	13.52	5.895	213	16.16	9.95	33.54	34.65	86.8	70.77	0	629.1	26.55	8.63	0	12.4
12/10/2013 14:00	38048	9.04	221.9	15.09	13.52	6.865	220.4	16.46	11.74	39.79	40.58	63.77	54.55	0	562.2	26.54	8.63	0.002	12.27
12/10/2013 15:00	38049	11.32	203.1	11.41	17.1	8.16	205.6	14.52	13.52	42.95	44.06	46.05	40.89	0	521.6	26.51	8.63	0	12.56
12/10/2013 16:00	38050	12.23	197.3	11.05	18.89	8.58	200.1	15.64	13.52	43.45	44.48	35.7	31.65	0	403.3	26.49	8.64	0.003	12.4
12/10/2013 17:00	38051	12.23	197.8	9.36	18.89	8.34	200.1	14.26	13.52	43.21	43.86	37.81	33.79	0	227.2	26.46	8.64	0.004	12.54
12/10/2013 18:00	38052	7.844	198.1	6.855	15.31	4.648	197.4	11.98	9.95	41.37	40.21	46.3	43.18	0	39.8	26.43	8.64	-0.002	12.27
12/10/2013 19:00	38053	7.974	190	6.615	11.74	3.438	184.8	14.99	6.368	37.16	34.22	54.75	53.77	0	0.114	26.37	8.64	0	12.3
12/10/2013 20:00	38054	6.302	200.1	12.89	9.95	2.869	205	16.17	6.368	35.73	33.55	54.11	52.03	0	0	26.35	8.64	0	12.22
12/10/2013 21:00	38055	4.307	213.9	52.22	8.16	1.274	205.6	60.68	4.578	34.5	31.27	55.24	54.78	0	0	26.34	8.64	0.002	12.22
12/10/2013 22:00	38056	4.005	282.9	29.03	6.368	1.947	318.1	26.74	4.578	33.81	30.9	57.72	56.3	0	0	26.33	8.64	0	12.26
12/10/2013 23:00	38057	3.811	298.3	25.62	8.16	1.969	332	36.46	6.368	35.05	31.22	53.37	55.1	0	0	26.33	8.64	0	12.33
12/11/2013 0:00	38058	4.518	299	15.99	8.16	1.418	332.4	5.611	4.578	35.48	31.34	51.48	53.74	0	0	26.33	8.64	0	12.22
12/11/2013 1:00	38059	5.061	312.8	10.33	13.52	0.478	347.7	5.246	6.368	34.79	30.4	53.07	56.4	0	0	26.33	8.64	0	12.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/11/2013 2:00	38060	3.997	273.7	26.74	6.368	0	0	0	0	33.9	28.56	55.29	59.44	0	0	26.32	8.64	-0.003	12.53
12/11/2013 3:00	38061	3.34	286.6	20.9	6.368	0	0	0	0	32.8	29.16	58.62	59.08	0	0	26.31	8.64	0	12.22
12/11/2013 4:00	38062	3.153	295.2	31.5	8.16	0.287	313.8	2.109	4.578	31.68	28.03	61.52	62.01	0	0	26.32	8.64	0	12.33
12/11/2013 5:00	38063	8.19	356.4	22.83	11.74	4.66	355	26.42	8.16	31.43	30.15	64.46	59.64	0	0	26.35	8.64	0.003	12.22
12/11/2013 6:00	38064	4.892	310.2	58.66	9.95	2.245	303.4	52.13	6.368	30.15	28.33	69.17	63.68	0	0	26.37	8.64	0	12.49
12/11/2013 7:00	38065	11.06	341	24.84	20.68	7.389	335.1	26.16	15.31	31.13	30.03	67.19	61.3	0	0	26.39	8.64	0	12.32
12/11/2013 8:00	38066	16.17	22.18	9.68	24.26	10.94	19.51	12.38	22.47	32.47	32.08	55.37	49.37	0	2.308	26.43	8.64	-0.001	12.28
12/11/2013 9:00	38067	16.85	17.9	9.86	29.63	12.66	15.05	11.24	27.84	31.98	31.74	54.24	47.99	0	57.11	26.47	8.64	-0.001	12.27
12/11/2013 10:00	38068	21.44	27.42	10.1	36.78	14.25	23.6	12.3	31.42	34.41	34.44	48.44	42.99	0	256.7	26.51	8.64	-0.001	12.44
12/11/2013 11:00	38069	19.55	36.96	11.24	31.42	11.43	33.32	12.82	26.05	37.76	38.23	43.14	38.4	0	496	26.59	8.64	0.001	12.22
12/11/2013 12:00	38070	16.84	31.07	12.59	26.05	10.73	27.39	14.23	24.26	39.3	39.93	41.46	36.94	0	551	26.64	8.64	0.005	12.24
12/11/2013 13:00	38071	14.01	38.21	13.09	22.47	8.52	33.86	14.56	20.68	41.3	42.21	38.4	34.34	0	588.3	26.66	8.66	0.015	12.32
12/11/2013 14:00	38072	13.12	40.44	14.62	22.47	8.22	35.37	17.31	17.1	43.32	44.48	36.28	32.24	0	627.8	26.67	8.66	0.002	12.47
12/11/2013 15:00	38073	12.92	41.43	14.93	20.68	7.859	37.46	16.72	17.1	44.13	45.07	35.51	31.57	0	437.4	26.66	8.66	0	12.21
12/11/2013 16:00	38074	11.81	31.5	12.97	18.89	7.38	28.7	14.15	17.1	43.56	43.84	37.06	33.45	0	217.5	26.64	8.66	-0.002	12.32
12/11/2013 17:00	38075	11.11	29.21	11	17.1	7.037	26.1	13.06	15.31	41.63	41.62	40.56	36.71	0	98.2	26.64	8.66	0	12.35
12/11/2013 18:00	38076	7.702	48.65	15.19	13.52	4.615	45.13	17.62	13.52	39.59	39.13	44.55	40.43	0	19.21	26.64	8.66	0.002	12.18
12/11/2013 19:00	38077	6.505	68.4	9.07	9.95	3.725	68.1	16.24	6.368	36.43	35.39	51.62	47.2	0	0.028	26.64	8.66	-0.003	12.22
12/11/2013 20:00	38078	5.603	64.36	7.692	9.95	3.264	63.32	12.82	8.16	34.01	32.96	59.05	53.21	0	0	26.64	8.66	0	12.45
12/11/2013 21:00	38079	3.875	51.63	10.88	6.368	1.355	54.03	10.85	4.578	32.37	31.19	64.49	58.05	0	0	26.63	8.66	0.001	13.05
12/11/2013 22:00	38080	0.924	107.5	23.18	4.578	0.026	26.99	1.882	2.789	31.3	28.91	67.17	63.05	0	0	26.63	8.66	0.002	12.66
12/11/2013 23:00	38081	3.436	79.63	10.15	6.368	1.376	62.6	8.55	4.578	31.21	28.87	67.75	65.4	0	0	26.62	8.66	0	12.22
12/12/2013 0:00	38082	3.386	82	9.36	6.368	0.091	87.2	1.997	2.789	30.74	28.18	69.29	66.14	0	0	26.62	8.66	-0.003	12.22
12/12/2013 1:00	38083	3.314	49.55	9.4	4.578	0.15	29.54	6.335	2.789	30.61	28.18	69.47	66.05	0	0	26.61	8.66	0	12.26
12/12/2013 2:00	38084	4.232	50.22	8.9	6.368	0.762	48.78	8.55	4.578	29.6	27.83	72.82	67.42	0	0	26.59	8.66	0.003	13.08
12/12/2013 3:00	38085	4.978	55.26	8.6	8.16	2.491	60.83	15.15	4.578	28.92	27.49	75.33	68.48	0	0	26.58	8.66	-0.003	12.96
12/12/2013 4:00	38086	4.904	57.27	8.61	8.16	2.403	67.64	13.23	4.578	27.74	26.16	78.2	70.73	0	0	26.57	8.66	0	12.24
12/12/2013 5:00	38087	4.375	75.99	10.87	6.368	1.777	73.92	9.34	4.578	27.25	25.61	79.35	71.88	0	0	26.56	8.66	0	12.33
12/12/2013 6:00	38088	2.35	92.2	21.75	4.578	0.129	73.74	4.204	2.789	27.44	25.22	79.4	73.04	0	0	26.55	8.66	0	12.43
12/12/2013 7:00	38089	1.084	218.8	47.84	4.578	0.118	352	2.39	4.578	26.23	24.27	83.5	75.63	0	0	26.55	8.66	0	12.24
12/12/2013 8:00	38090	1.571	93.1	38.57	4.578	0.126	62.44	5.418	2.789	26.93	25.03	81.4	76.51	0	2.934	26.55	8.66	0	12.27
12/12/2013 9:00	38091	2.113	140.4	46.96	6.368	0.532	176.5	8.61	6.368	28.21	27.7	81.4	74.05	0	44.99	26.57	8.66	0.003	12.24
12/12/2013 10:00	38092	5.065	183.8	12.77	8.16	3.625	186.2	16.97	6.368	30.42	30.66	77.9	68.11	0	126.3	26.59	8.66	-0.001	12.24
12/12/2013 11:00	38093	6.003	203.4	13.33	9.95	4.506	205.1	16.58	8.16	32.74	33.08	71.75	62.37	0	182.8	26.61	8.66	0.001	12.23
12/12/2013 12:00	38094	6.734	228.1	17.88	9.95	5.024	227.4	19.97	8.16	34.61	34.98	65.73	57.36	0	229	26.62	8.66	0	12.29
12/12/2013 13:00	38095	6.977	250.7	18.12	13.52	5.488	247.6	20.82	11.74	36.87	37.1	58.61	51.86	0	228.6	26.59	8.66	0	12.38
12/12/2013 14:00	38096	4.904	251.7	26.13	9.95	3.928	247.6	28.31	9.95	38.85	38.97	53.63	47.86	0	170.2	26.55	8.67	0.004	12.27
12/12/2013 15:00	38097	4.658	219.2	34.34	11.74	3.476	219.9	31.26	8.16	39.6	39.64	52.69	47.31	0	118.2	26.52	8.67	0.003	12.29
12/12/2013 16:00	38098	5.087	187.7	28.79	9.95	3.702	191	29.58	8.16	39.59	39.7	52.98	47.28	0	72.46	26.49	8.68	0.013	12.3
12/12/2013 17:00	38099	6.004	210	16.99	9.95	4.436	211.1	18.33	9.95	39.62	39.61	53.26	47.7	0	50.01	26.48	8.68	0.003	12.42
12/12/2013 18:00	38100	5.504	196.5	21.3	9.95	3.692	198	23.76	8.16	39.03	38.79	55.63	49.99	0	10	26.46	8.69	0.002	12.54
12/12/2013 19:00	38101	4.934	147.5	25.26	9.95	2.826	147.2	28.9	8.16	38.28	38.02	60.27	53.99	0	0.037	26.42	8.68	-0.003	12.31
12/12/2013 20:00	38102	6.469	212.9	31.38	9.95	4.7	214.9	31.48	8.16	38.03	37.8	63.27	56.48	0	0.008	26.43	8.68	0	12.45
12/12/2013 21:00	38103	5.242	206	13.68	9.95	3.17	210.2	12.68	8.16	37.46	37.15	65.18	58.24	0	0.003	26.41	8.68	0	12.28
12/12/2013 22:00	38104	5.408	224.5	10.31	9.95	3.243	226.6	9.1	8.16	36.84	36.38	67.55	60.64	0	0.003	26.39	8.68	0	12.28

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/12/2013 23:00	38105	6.035	219.2	23.43	9.95	4.333	218.6	22.6	8.16	37	36.68	68.4	61.71	0	0.002	26.38	8.68	0	12.22
12/13/2013 0:00	38106	6.083	213.5	14.36	8.16	4.201	215.7	15.23	6.368	37.07	36.75	69.34	62.64	0	0.002	26.36	8.68	0	12.22
12/13/2013 1:00	38107	4.596	183.5	25.51	8.16	2.627	184.9	27.17	6.368	37.24	36.96	69.94	62.92	0	0.004	26.32	8.68	0	12.24
12/13/2013 2:00	38108	4.811	207.5	14.98	8.16	1.629	203.4	10.1	6.368	36.47	35.75	74.37	67.74	0	0.001	26.29	8.68	0	13.03
12/13/2013 3:00	38109	5.125	251.2	12.34	8.16	3.476	250.4	14.02	6.368	36.18	35.69	77.7	70.2	0	0	26.26	8.68	0	12.22
12/13/2013 4:00	38110	5.18	272.7	12.49	9.95	2.282	270.7	15.17	6.368	35.97	34.79	78.89	72.71	0	0	26.23	8.68	-0.003	12.23
12/13/2013 5:00	38111	4.767	234.9	9.92	8.16	1.176	218.5	16.15	4.578	36.02	33.42	77.63	74.25	0	0	26.2	8.68	0	12.48
12/13/2013 6:00	38112	5.653	219.4	8.32	8.16	2.189	219.9	15.89	4.578	35.4	33.06	79.5	75.25	0	0	26.17	8.68	0	13.04
12/13/2013 7:00	38113	6.369	223.6	12.02	9.95	3.373	229.3	20.91	6.368	33.92	32.07	83.6	76.69	0	0	26.15	8.68	0.001	12.38
12/13/2013 8:00	38114	5.938	224.3	13.83	9.95	3.691	228.8	17.51	6.368	33.02	32.22	87.1	77.63	0	3.197	26.14	8.68	-0.001	12.28
12/13/2013 9:00	38115	6.134	223.3	16.34	13.52	4.304	223.7	16.75	9.95	33.76	33.5	89.3	78.75	0	71.15	26.14	8.68	-0.001	12.48
12/13/2013 10:00	38116	9.63	206.2	12.28	15.31	6.91	207.6	15.02	11.74	37.96	38.14	84.2	74.38	0	221.4	26.15	8.68	0	12.27
12/13/2013 11:00	38117	10.85	223	13.1	18.89	8.3	223.2	14.29	17.1	44.16	44.49	71.69	64.04	0	347.9	26.2	8.68	0	12.39
12/13/2013 12:00	38118	15.74	227.7	9.24	24.26	11.92	226.6	10.97	18.89	51.56	52	61.66	56.06	0	557.5	26.22	8.68	0	12.45
12/13/2013 13:00	38119	19.14	250.1	15.27	33.21	15.18	247.1	16.51	29.63	58.79	59.14	49.46	46.58	0	607	26.22	8.68	0	12.41
12/13/2013 14:00	38120	24.23	270.9	10.65	34.99	18.83	267.6	13.5	29.63	59.73	60.34	45.13	42.36	0	590.4	26.21	8.68	-0.001	12.39
12/13/2013 15:00	38121	20.46	271.9	11.58	31.42	15.89	268.8	13.76	27.84	60.65	61.23	42.87	40.47	0	518.6	26.19	8.68	-0.001	12.58
12/13/2013 16:00	38122	22.44	263.5	11.63	33.21	17.61	260.5	13.83	31.42	60.84	61.1	39.95	38.22	0	389.7	26.18	8.67	-0.013	12.54
12/13/2013 17:00	38123	22.98	268	10.11	34.99	17.74	264.7	12.66	29.63	60.01	60.03	40.37	38.72	0	222.8	26.17	8.64	-0.027	12.57
12/13/2013 18:00	38124	19.59	272.2	9.2	29.63	15.08	268.7	11.62	26.05	57.96	57.41	42.4	40.89	0	44.37	26.16	8.64	0	12.42
12/13/2013 19:00	38125	15.43	280	8.21	29.63	11.65	276.3	10.87	22.47	54.91	54.04	45.44	43.5	0	0.165	26.16	8.62	-0.018	12.15
12/13/2013 20:00	38126	10.05	290.9	14.23	18.89	7.308	290.7	16.78	15.31	51.25	50.07	52.6	49.7	0	0.029	26.16	8.62	-0.002	12.23
12/13/2013 21:00	38127	7.813	293.7	10.74	11.74	4.953	290	18.11	8.16	47.06	45.12	62.09	58.71	0	0.01	26.15	8.62	-0.003	12.19
12/13/2013 22:00	38128	9.21	286.5	12.69	13.52	6.252	286	18.84	11.74	46.82	45.02	63.99	60.47	0	0.003	26.15	8.62	0	12.4
12/13/2013 23:00	38129	7.721	298.5	5.118	9.95	4.253	301.1	8.38	6.368	45.2	41.99	67	64.95	0	0.001	26.16	8.62	-0.001	12.12
12/14/2013 0:00	38130	8.8	316.7	8.89	15.31	5.94	315.4	10.84	11.74	43.31	41.52	71.59	66.78	0	0.001	26.17	8.62	0	13.04
12/14/2013 1:00	38131	9.02	319.3	13.04	17.1	6.424	317.6	14.56	13.52	41.71	40.47	73.02	66.9	0	0.001	26.18	8.62	0	12.15
12/14/2013 2:00	38132	11.03	328.6	6.043	15.31	8.3	325.8	7.478	13.52	41.65	40.45	70.76	65.02	0	0	26.18	8.62	0	12.13
12/14/2013 3:00	38133	11.81	339.3	12.05	17.1	8.45	333.1	13.88	15.31	39.56	38.61	66.07	60.76	0	0	26.2	8.61	-0.003	12.29
12/14/2013 4:00	38134	11.74	350.3	9.59	17.1	7.776	342.5	15.75	15.31	39.29	38.49	54.22	50.18	0	0	26.22	8.61	0	12.29
12/14/2013 5:00	38135	14.7	354.6	9.92	22.47	9.85	344.7	17.14	17.1	38.22	37.69	51.22	46.6	0	0	26.24	8.61	0	12.33
12/14/2013 6:00	38136	14.49	5.151	10.6	24.26	8.24	354.8	22.44	17.1	37.45	36.94	50.39	45.51	0	0	26.27	8.61	0	12.91
12/14/2013 7:00	38137	11.92	5.5	11.78	18.89	6.915	355.4	23.95	15.31	35.72	35.29	53.94	48.07	0	0	26.3	8.61	0	12.23
12/14/2013 8:00	38138	13.54	16.46	10.48	22.47	9.74	13.8	14.76	20.68	34.38	33.97	57.9	51.08	0	3.398	26.33	8.61	0	12.26
12/14/2013 9:00	38139	17.53	18.12	9.85	26.05	13.25	14.88	11.54	27.84	35.95	35.8	55.77	49.28	0	113.3	26.38	8.61	0	12.26
12/14/2013 10:00	38140	17.31	11.88	10.67	27.84	13.06	9.72	12.29	26.05	38.75	38.94	51	45.33	0	298.6	26.44	8.61	-0.001	12.31
12/14/2013 11:00	38141	18.95	20.44	11.22	31.42	13.6	17.96	13.13	29.63	42.58	42.94	44.77	40.17	0	455.6	26.5	8.61	0.001	12.16
12/14/2013 12:00	38142	17.78	22.21	11.38	27.84	12.81	18.77	12.95	26.05	45.47	45.97	42.47	38.34	0	562.5	26.55	8.61	-0.001	12.36
12/14/2013 13:00	38143	15.32	21.5	13.49	24.26	10.69	18.96	15.27	20.68	47.87	48.59	40.23	36.6	0	612	26.57	8.61	-0.002	12.34
12/14/2013 14:00	38144	12.49	9.35	16.41	24.26	9.3	6.287	17.84	18.89	50.29	51.13	37.27	34.08	0	597.9	26.59	8.61	0	12.73
12/14/2013 15:00	38145	12.76	12.74	14.72	22.47	9.45	9.62	17.04	20.68	51.56	52.28	34.74	31.59	0	521.5	26.59	8.61	0	12.57
12/14/2013 16:00	38146	11.61	9.8	15.7	22.47	8.73	7.037	17.77	18.89	52.36	52.91	31.49	28.43	0	392.8	26.59	8.61	0	12.46
12/14/2013 17:00	38147	10.54	7.587	13.98	17.1	7.828	5.734	16.54	17.1	52.41	52.83	28.91	25.94	0	221	26.58	8.61	-0.003	12.74
12/14/2013 18:00	38148	7.767	10.05	8.27	13.52	5.52	6.402	10.86	11.74	50.01	49.57	31.14	28.64	0	42.6	26.56	8.61	0.001	12.67
12/14/2013 19:00	38149	5.168	21.23	7.739	8.16	2.839	16.98	11.74	6.368	45.47	43.82	36.51	35.14	0	0.126	26.53	8.61	-0.005	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/14/2013 20:00	38150	4.806	34.94	8.12	6.368	1.785	35.37	11.65	4.578	43.03	39.83	39.63	40.69	0	0.001	26.5	8.6	0	12.3
12/14/2013 21:00	38151	4.291	28.73	7.24	6.368	1.322	40.64	11.72	4.578	40.49	37.51	44.01	43.76	0	0	26.5	8.6	0	12.17
12/14/2013 22:00	38152	2.07	307.5	56.34	4.578	0.617	241.1	23.3	2.789	37.14	32.03	51.19	53.41	0	0	26.49	8.6	-0.002	12.27
12/14/2013 23:00	38153	6.084	312.5	21.25	9.95	3.216	330.4	12.43	8.16	36.03	31.22	54.11	56.03	0	0	26.49	8.6	-0.001	12.24
12/15/2013 0:00	38154	2.914	325	27.4	9.95	2.078	91.9	62.18	6.368	34.15	30	57.79	58.9	0	0	26.49	8.6	-0.006	12.22
12/15/2013 1:00	38155	1.891	293.1	21.44	4.578	1.039	77.55	19.7	4.578	34.53	28.44	57.66	62.89	0	0	26.46	8.59	-0.003	12.24
12/15/2013 2:00	38156	1.581	319.9	26.85	4.578	1.552	72.62	8.92	4.578	32.43	27.18	66.75	65.83	0	0	26.44	8.59	-0.003	12.32
12/15/2013 3:00	38157	3.787	320.6	9.92	6.368	0.75	21.79	45.03	2.789	34.22	28.69	66.39	66.77	0	0	26.43	8.59	0	12.89
12/15/2013 4:00	38158	1.93	307.5	14.21	4.578	0.578	95.5	17.76	4.578	32.22	27.21	70.53	69.97	0	0	26.41	8.59	0.003	12.42
12/15/2013 5:00	38159	3.137	287.4	16.91	4.578	0.673	315.1	12.25	2.789	32.09	26.75	70.91	70.89	0	0	26.4	8.59	0.001	12.24
12/15/2013 6:00	38160	4.37	272.8	31.61	6.368	2.084	275.6	51.22	4.578	32.23	27.39	70.34	69.75	0	0	26.4	8.59	0	12.23
12/15/2013 7:00	38161	2.957	261.5	17.61	4.578	0.533	109.5	43.55	2.789	31.16	25.62	72.52	72.57	0	0	26.39	8.59	0	12.34
12/15/2013 8:00	38162	0.719	219.4	19.24	2.789	1.035	96.7	9.65	4.578	28.99	24.83	77.66	76.01	0	3.35	26.39	8.59	0.001	12.32
12/15/2013 9:00	38163	3.125	185.1	21.4	4.578	0.975	142.4	33.91	4.578	32.63	31.14	72.27	67.22	0	117	26.4	8.6	0.001	12.84
12/15/2013 10:00	38164	5.034	215.3	11.89	11.74	4.011	216.8	14.71	9.95	38.12	38.27	63.86	56.3	0	305.2	26.48	8.59	-0.001	12.22
12/15/2013 11:00	38165	11.57	208.3	9.85	20.68	8.42	209.8	12.78	15.31	44.44	45.23	50.66	45	0	463.2	26.54	8.58	-0.015	12.42
12/15/2013 12:00	38166	14.42	208.9	10.44	22.47	10.36	209.8	13.52	17.1	49.91	51.01	38.68	34.89	0	574.1	26.56	8.55	-0.03	12.49
12/15/2013 13:00	38167	15.22	210.1	10.69	24.26	10.97	211.7	13.11	18.89	51.99	53.19	36.41	32.53	0	625.2	26.56	8.47	-0.079	12.64
12/15/2013 14:00	38168	15.18	216.3	11.22	24.26	11.06	216.8	13.04	18.89	54.06	55.12	32.8	29.13	0	611.5	26.54	8.45	-0.016	12.54
12/15/2013 15:00	38169	12.38	226.7	13.03	20.68	9.58	225.8	14.63	17.1	56.13	56.76	30.38	27.16	0	535.2	26.53	8.45	-0.001	12.65
12/15/2013 16:00	38170	11.74	228.2	14.04	18.89	9.1	226.3	14.87	15.31	57.84	58.2	27.3	24.38	0	405.3	26.52	8.45	0	12.61
12/15/2013 17:00	38171	9.55	229.5	11.5	17.1	7.426	226.6	12.78	11.74	58.76	58.85	24.78	22.06	0	236.2	26.5	8.45	0.001	12.67
12/15/2013 18:00	38172	5.999	236.1	6.049	9.95	3.771	230.2	9.09	8.16	57.03	55.64	26.71	25.34	0	48.46	26.49	8.45	-0.003	12.63
12/15/2013 19:00	38173	3.879	293.4	29.39	8.16	1.135	328.1	13.19	4.578	51.66	47.21	31.91	33.97	0	0.146	26.45	8.45	-0.001	12.34
12/15/2013 20:00	38174	3.336	326.9	19.52	6.368	0	0	0	0	46.97	42.11	37.89	41.09	0	0.003	26.42	8.45	0.001	12.47
12/15/2013 21:00	38175	2.431	310.5	20.46	6.368	0	0	0	0	45.05	38.84	41.13	45.78	0	0	26.4	8.45	-0.001	12.42
12/15/2013 22:00	38176	4.953	323.7	7.021	9.95	0.893	328.8	3.263	6.368	44.36	38.74	44.38	48.22	0	0	26.39	8.45	0	12.38
12/15/2013 23:00	38177	5.747	312.6	16.08	9.95	2.831	296.2	46.84	8.16	43.45	38.97	47.52	49.11	0	0	26.39	8.45	0	12.44
12/16/2013 0:00	38178	5.672	318	9.33	8.16	1.653	308.8	17.44	4.578	39.13	34.49	55.17	56.1	0	0	26.39	8.45	0	12.31
12/16/2013 1:00	38179	6.798	318.1	7.792	13.52	3.31	319.4	7.885	11.74	39.3	36.3	56.26	54.66	0	0	26.38	8.45	-0.003	12.25
12/16/2013 2:00	38180	9.15	321.4	8.98	15.31	6.464	323.6	11.7	11.74	40.54	38.94	54.27	50.9	0	0	26.37	8.45	0	12.3
12/16/2013 3:00	38181	7.453	316.7	8.45	11.74	4.688	317.4	12.4	8.16	39.89	37.99	55.45	52.27	0	0	26.38	8.45	0	12.56
12/16/2013 4:00	38182	6.178	315.2	9.27	9.95	3.221	302	31.82	6.368	38.31	35.14	58.26	56.53	0	0	26.37	8.45	0	12.26
12/16/2013 5:00	38183	6.99	321.5	5.17	9.95	4.069	322	7.323	8.16	37.84	34.65	59.28	57.7	0	0	26.36	8.45	0	12.32
12/16/2013 6:00	38184	5.994	313.8	12.7	9.95	3.869	307.2	29.99	6.368	34.95	32.44	66.66	62.23	0	0	26.35	8.45	0.001	12.24
12/16/2013 7:00	38185	8.37	317.3	6.138	11.74	5.333	313.7	10.19	8.16	34.88	32.28	67.09	63.26	0	0	26.34	8.45	0.001	12.26
12/16/2013 8:00	38186	7.897	312.6	6.622	9.95	4.351	309.5	15.42	6.368	35.28	31.96	65.38	63.37	0	3.072	26.34	8.45	-0.003	12.55
12/16/2013 9:00	38187	5.828	303.5	13.7	8.16	3.419	294.6	21.9	6.368	39.43	37.57	56.35	54.35	0	114.7	26.36	8.45	0.001	12.39
12/16/2013 10:00	38188	5.707	305.4	11.69	8.16	4.891	305.2	15.22	8.16	47.7	47.5	41.48	38.97	0	302.5	26.44	8.44	-0.003	12.41
12/16/2013 11:00	38189	6.151	293.1	16.5	9.95	5.241	290.5	21.39	9.95	53.8	53.97	33.78	31.47	0	461.7	26.52	8.44	0.001	12.49
12/16/2013 12:00	38190	6.592	241.8	23.77	13.52	5.355	240.1	24.93	11.74	59.08	59.35	29.15	26.79	0	573.2	26.56	8.44	-0.002	12.76
12/16/2013 13:00	38191	8.09	220.4	18.09	15.31	6.44	218.9	18.86	13.52	61.54	62.02	25.67	23.05	0	626.3	26.56	8.44	-0.001	12.6
12/16/2013 14:00	38192	11.04	208.5	12.72	18.89	8.25	209.3	14.84	15.31	63.96	65.02	21.89	18.89	0	615.4	26.54	8.44	0	12.55
12/16/2013 15:00	38193	11.46	216.4	13.11	17.1	8.66	216.1	14.39	15.31	65.28	66.11	20.5	17.58	0	538.6	26.52	8.44	0	12.57
12/16/2013 16:00	38194	10.85	215.2	11.37	15.31	8.14	214.8	13.64	13.52	65.86	66.48	19.57	16.74	0	409.4	26.51	8.44	-0.003	12.51

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/16/2013 17:00	38195	10.7	230.6	9.89	17.1	8.25	228.1	10.95	13.52	65.89	65.88	19.13	16.74	0	238.2	26.5	8.44	0.001	12.67
12/16/2013 18:00	38196	6.178	223.6	7.896	11.74	3.217	222.6	9.39	9.95	62.15	60.5	23.35	22.08	0	43.98	26.48	8.44	-0.002	12.73
12/16/2013 19:00	38197	3.006	197.7	27.94	6.368	0.912	86.4	25.66	4.578	55.3	51.19	30.26	31.5	0	0.108	26.44	8.44	-0.002	12.63
12/16/2013 20:00	38198	1.256	163.1	18.49	4.578	1.439	73.22	13.17	4.578	51.2	47.34	34.84	37.11	0	0.001	26.41	8.43	-0.002	12.43
12/16/2013 21:00	38199	1.67	233.7	50.59	4.578	0.406	53.81	6.352	2.789	50.19	44.88	36.06	41.13	0	0.001	26.39	8.43	-0.001	12.3
12/16/2013 22:00	38200	3.544	298.5	7.052	6.368	0.339	320.9	4.559	4.578	49.62	41.52	36.62	45.96	0	0	26.38	8.43	0.001	12.37
12/16/2013 23:00	38201	4.207	322.7	10.35	6.368	0	0	0	0	46.09	40.16	40.54	47.06	0	0	26.38	8.43	-0.003	12.18
12/17/2013 0:00	38202	5.219	318.8	12.58	8.16	0.529	274	16.53	4.578	45.69	39.72	41.56	47.11	0	0	26.38	8.43	0	12.22
12/17/2013 1:00	38203	4.755	303.8	23.42	8.16	0.855	242.3	24.36	4.578	43.5	37.52	46.08	50.07	0	0	26.38	8.43	-0.003	12.24
12/17/2013 2:00	38204	5.245	314	9.04	8.16	1.427	296.8	15.82	4.578	43.67	37.97	47.57	51.01	0	0	26.38	8.43	0	12.24
12/17/2013 3:00	38205	4.973	312.8	9.15	9.95	0.901	278.8	12.93	4.578	42.33	36.33	51.21	54.34	0	0	26.37	8.42	-0.003	12.31
12/17/2013 4:00	38206	5.972	327.3	22.34	13.52	2.53	322.3	32.82	9.95	41.64	37.8	53.75	54.04	0	0	26.38	8.42	-0.003	13
12/17/2013 5:00	38207	4.285	359.9	18.91	8.16	2.444	7.626	25.75	6.368	39.97	37.94	55.52	52.16	0	0	26.37	8.42	0	12.42
12/17/2013 6:00	38208	5.276	330.6	13.24	9.95	3.05	328.9	15.96	8.16	37.99	35.96	58.12	54.66	0	0	26.37	8.42	-0.003	12.24
12/17/2013 7:00	38209	5.202	341	19.62	8.16	3.175	334.5	22.81	6.368	36.39	34.39	60.46	56.37	0	0	26.38	8.42	-0.002	12.26
12/17/2013 8:00	38210	3.783	332.8	29.37	8.16	1.642	312.2	42.57	4.578	35.72	32.36	60.44	58.92	0	2.926	26.39	8.42	0.001	12.24
12/17/2013 9:00	38211	5.184	4.769	24.39	13.52	2.776	12.69	10.98	11.74	40.66	38.48	50.9	49.66	0	113.6	26.42	8.41	-0.005	12.22
12/17/2013 10:00	38212	6.66	28.27	17.67	13.52	4.651	25.23	19.26	9.95	48.02	48.4	39.85	37.11	0	302.9	26.5	8.4	-0.012	12.39
12/17/2013 11:00	38213	6.215	35.87	9.96	9.95	4.075	33.55	12.69	8.16	54.01	54.67	33.1	30.74	0	461.4	26.59	8.39	-0.006	12.61
12/17/2013 12:00	38214	5.279	34.06	14.55	9.95	3.474	30.22	15.66	9.95	60.18	60.89	25.81	23.71	0	576.4	26.63	8.39	-0.002	12.6
12/17/2013 13:00	38215	3.344	13.24	35.94	8.16	2.373	2.083	35.2	8.16	65.68	65.79	20.18	18.62	0	631.3	26.65	8.39	-0.001	12.53
12/17/2013 14:00	38216	4.276	27.25	39.91	9.95	3.095	20.43	42.41	8.16	67.02	67.68	18.92	17.02	0	618.8	26.64	8.39	-0.001	12.69
12/17/2013 15:00	38217	3.87	51.83	54.92	8.16	2.872	45.86	52.9	8.16	68.56	68.93	17.42	15.46	0	546.3	26.63	8.39	-0.003	12.54
12/17/2013 16:00	38218	3.638	45.73	37.61	8.16	2.319	38.2	34.98	8.16	69.04	69.36	16.07	14.06	0	417.3	26.62	8.39	0	12.58
12/17/2013 17:00	38219	5.011	51.77	25.84	9.95	3.258	46.73	28.84	9.95	67.79	68.48	17.06	14.89	0	241.4	26.61	8.39	0.001	12.55
12/17/2013 18:00	38220	7.523	78.33	5.019	9.95	4.031	72.87	13.82	8.16	63.18	61.83	21.98	21.19	0	52.74	26.57	8.39	-0.001	12.61
12/17/2013 19:00	38221	7.997	78.55	4.148	11.74	3.859	63.85	9.1	6.368	56.96	52.15	28.07	30.14	0	0.247	26.53	8.38	-0.001	12.51
12/17/2013 20:00	38222	9.07	82.5	5.075	11.74	4.176	74.41	13.74	6.368	52.6	48.8	33.89	34.87	0	0.001	26.5	8.39	0.002	12.42
12/17/2013 21:00	38223	9.29	95.5	7.838	11.74	4.393	84.5	10.84	6.368	50.29	45.14	38.36	40.96	0	0	26.48	8.38	-0.003	12.55
12/17/2013 22:00	38224	8.29	101.4	7.159	11.74	4.198	81.5	11.14	6.368	48.36	43.72	43.41	45.16	0	0	26.47	8.39	0.003	12.4
12/17/2013 23:00	38225	7.841	85.6	12.33	9.95	4.064	70.92	12.07	6.368	46.09	42.69	48.08	47.76	0	0	26.46	8.39	0	12.34
12/18/2013 0:00	38226	7.486	76.18	6.961	9.95	4.311	62.06	10.66	6.368	45.62	42.11	49.21	49.01	0	0	26.45	8.38	-0.003	12.2
12/18/2013 1:00	38227	5.169	69.96	14.39	15.31	1.846	63.97	8.76	9.95	46.05	41.33	49.2	50.55	0	0	26.44	8.38	0	12.14
12/18/2013 2:00	38228	2.782	88.2	24.54	4.578	0	0	0	0	44.01	35.95	53.4	59.11	0	0	26.41	8.38	0	12.16
12/18/2013 3:00	38229	3.16	143.4	13	4.578	0	0	0	0	42.79	38.67	56.8	56.76	0	0	26.38	8.38	0	12.22
12/18/2013 4:00	38230	1.895	111.5	15.81	4.578	0	0	0	0	41.49	38.04	59.7	58.44	0	0	26.37	8.38	-0.003	12.35
12/18/2013 5:00	38231	1.299	107.8	8.14	4.578	0.643	74.43	6.898	4.578	41.22	35.38	59.67	62.38	0	0	26.35	8.38	-0.002	12.15
12/18/2013 6:00	38232	0.492	116.1	4.561	2.789	0.448	66.74	3.204	4.578	38.97	33.56	64.08	65.3	0	0	26.33	8.38	0.002	12.17
12/18/2013 7:00	38233	0.987	129.3	11.81	6.368	0.219	103.9	7.764	4.578	39.08	32.04	62.68	67.2	0	0	26.32	8.38	0	12.15
12/18/2013 8:00	38234	3.113	171.3	5.753	6.368	0.258	122.2	2.365	2.789	36.31	31.28	69.53	69.79	0	3.484	26.31	8.38	-0.003	12.2
12/18/2013 9:00	38235	1.979	205.1	10.78	4.578	0	0	0	0	38.92	37.13	64.03	60.74	0	75.42	26.32	8.37	-0.002	12.17
12/18/2013 10:00	38236	4.864	208.4	13.57	8.16	3.628	213.6	15.32	8.16	45.31	45.62	54.39	48.51	0	277.8	26.38	7.825	-0.549	12.55
12/18/2013 11:00	38237	6.933	215.6	11.08	11.74	5.516	216.8	12.91	9.95	50.09	50.54	45.67	41.54	0	413.5	26.44	7.823	-0.002	12.42
12/18/2013 12:00	38238	8.7	199.7	12.94	13.52	6.54	203.2	15.73	11.74	56.61	57.7	36.02	32.75	0	538.3	26.47	7.822	-0.001	12.73
12/18/2013 13:00	38239	10.95	209.5	12	18.89	8.22	210.1	14.62	13.52	61.3	62.29	29.39	26.61	0	551.3	26.45	7.821	-0.001	12.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/18/2013 14:00	38240	13.3	206	9.41	22.47	9.66	207.1	13.05	17.1	63.7	64.75	24.92	22.13	0	483	26.41	7.82	-0.001	12.75
12/18/2013 15:00	38241	15.06	206.8	11.11	22.47	10.74	207.9	13.78	18.89	65.37	66.25	21.75	19	0	440.6	26.37	7.818	-0.003	12.77
12/18/2013 16:00	38242	13.6	204.3	9.95	18.89	9.46	205.2	13.08	17.1	64.7	65.08	22.89	20.39	0	248.2	26.34	7.818	0	12.74
12/18/2013 17:00	38243	10.99	198.3	6.897	17.1	7.299	200.2	11.78	13.52	62.85	62.49	25.75	23.81	0	107.6	26.3	7.816	-0.002	12.8
12/18/2013 18:00	38244	7.818	179.2	8.37	9.95	3.511	178.9	12.47	6.368	59.65	57.14	29.68	29.81	0	25.45	26.26	7.813	-0.003	12.41
12/18/2013 19:00	38245	9.54	164.2	6.412	13.52	4.776	163	11.86	8.16	55.19	52.86	34.91	34.71	0	0.09	26.23	7.811	-0.001	12.23
12/18/2013 20:00	38246	9.9	176.9	8.71	15.31	5.318	174.4	15.31	11.74	54.25	52.43	35.71	35.07	0	0.006	26.21	7.809	-0.002	12.54
12/18/2013 21:00	38247	8.09	196.3	11.41	13.52	4.684	201.3	14.86	8.16	54.5	52.99	36.46	35.4	0	0.004	26.21	7.809	0	12.18
12/18/2013 22:00	38248	6.657	203	7.105	9.95	3.73	206.7	11.67	8.16	51.2	49.7	46.93	44.44	0	0.003	26.2	7.803	-0.006	12.16
12/18/2013 23:00	38249	7.357	190.1	11.24	11.74	4.177	193.1	15.52	8.16	48.6	47.21	55.81	52.12	0	0.001	26.18	7.803	0	12.7
12/19/2013 0:00	38250	8.95	185	12.88	13.52	5.574	189.3	17.29	9.95	48.34	47.55	57.88	53.23	0	0.001	26.16	7.799	-0.003	12.18
12/19/2013 1:00	38251	8.98	202.2	6.627	17.1	5.585	205.2	10.81	13.52	47.34	46.5	64.1	58.46	0	0.001	26.15	7.799	0	12.78
12/19/2013 2:00	38252	6.119	209.8	14.03	9.95	3.194	218.2	20.28	6.368	44.95	43.53	73.53	66.71	0	0	26.12	7.796	-0.003	12.16
12/19/2013 3:00	38253	4.225	200.2	13.66	8.16	0.671	197.9	11.63	4.578	43.4	41.54	79.69	71.91	0	0	26.08	7.796	-0.001	12.13
12/19/2013 4:00	38254	3.661	242.5	19.78	6.368	0.41	283.1	15.16	4.578	42.51	40.66	84.5	75.26	0	0	26.07	7.793	-0.003	12.18
12/19/2013 5:00	38255	4.588	233.4	11.83	8.16	1.289	250.3	19.51	4.578	41.85	39.87	87.7	78.61	0	0	26.06	7.793	0	12.55
12/19/2013 6:00	38256	4.672	226.8	10.24	8.16	1.765	237.3	17.97	4.578	40.51	38.78	92.7	82.1	0	0	26.04	7.789	-0.003	12.51
12/19/2013 7:00	38257	2.852	212.7	20.97	6.368	0.239	191.3	19.73	2.789	39.89	37.69	96.7	85	0	0	26.02	7.789	0	12.22
12/19/2013 8:00	38258	3.523	233.5	14.27	6.368	0.729	291.5	13.14	4.578	40.07	37.88	99.3	87.1	0	3.019	26.02	7.789	0	12.22
12/19/2013 9:00	38259	4.409	219.8	7.834	6.368	1.336	227.8	10.97	4.578	41.06	39.16	97.3	88.2	0	65.93	26.04	7.786	-0.003	12.34
12/19/2013 10:00	38260	5.211	210.9	11.25	9.95	3.805	214.2	13.21	8.16	44.51	44.22	86.5	80.8	0	175	26.07	7.785	-0.002	12.46
12/19/2013 11:00	38261	6.59	218.8	11.11	11.74	5.105	219.4	12.44	9.95	50.52	50.72	68.64	62.48	0	317.7	26.11	7.78	-0.005	12.47
12/19/2013 12:00	38262	9.12	214.3	10.42	15.31	7.082	215.1	13.23	11.74	58.91	59.6	44.02	41.05	0	541.3	26.16	7.775	-0.005	12.57
12/19/2013 13:00	38263	11.53	229.9	12.53	18.89	9.17	227.4	13.88	15.31	64.45	64.92	30.26	28.57	0	614	26.18	7.769	-0.005	12.55
12/19/2013 14:00	38264	16.34	235.9	16.34	34.99	12.89	233.6	17.26	24.26	69.36	69.87	22.11	20.48	0	601.7	26.16	7.763	-0.007	12.56
12/19/2013 15:00	38265	18.86	251.2	10.49	29.63	15.39	248.4	12.6	26.05	72.48	72.63	15.21	13.43	0	523.8	26.14	7.756	-0.006	12.83
12/19/2013 16:00	38266	21.62	245.7	10.74	34.99	17.44	243.3	12.65	27.84	73.39	73.34	13.84	11.96	0	395.3	26.13	7.734	-0.022	12.59
12/19/2013 17:00	38267	20.08	244.7	9.16	31.42	16.14	241.8	10.22	27.84	72.47	72.14	14.75	12.91	0	211.7	26.12	7.705	-0.029	12.83
12/19/2013 18:00	38268	14.93	249	8.9	24.26	11.82	245.5	10.05	20.68	69.96	69.17	17.16	15.54	0	50.73	26.1	7.691	-0.015	12.82
12/19/2013 19:00	38269	8.29	240.7	11.8	17.1	4.753	236.5	15.61	13.52	64.75	61.86	21.88	21.77	0	0.393	26.08	7.689	-0.002	12.51
12/19/2013 20:00	38270	5.379	248.2	34.74	13.52	1.449	181.3	44	9.95	60.06	53.99	26.41	29.33	0	0.021	26.05	7.687	-0.002	12.6
12/19/2013 21:00	38271	5.525	240.6	36.27	11.74	2.297	253.1	58.45	8.16	58.45	53.91	28.42	30.65	0	0.008	26.05	7.676	-0.011	12.55
12/19/2013 22:00	38272	2.206	122.3	70.59	9.95	1.849	69.25	31.24	6.368	56.6	50.47	30.36	35.78	0	0.004	26.05	7.673	-0.003	12.52
12/19/2013 23:00	38273	2.691	184	62.57	6.368	2.401	55.87	44.57	4.578	57.04	49.25	29.87	37.08	0	0.001	26.04	7.663	-0.01	12.15
12/20/2013 0:00	38274	4.429	222.2	19.5	8.16	1.182	227.7	52.2	4.578	55.05	46.94	36.11	42.39	0	0.001	26.04	7.66	-0.003	12.19
12/20/2013 1:00	38275	6.055	188.5	12.35	17.1	1.157	162.5	17.39	4.578	51.48	46.42	60.9	57.89	0	0.001	26.03	7.654	-0.006	12.16
12/20/2013 2:00	38276	2.772	180.9	31.98	6.368	0.229	24.04	10.57	4.578	48.36	44.78	72.44	69.23	0	0.001	26.02	7.653	-0.001	12.4
12/20/2013 3:00	38277	2.629	177	26.01	6.368	0.431	146	5.001	4.578	47.22	43.29	78.02	73.73	0	0.001	26.01	7.647	-0.006	12.17
12/20/2013 4:00	38278	2.91	201	19.39	6.368	0.058	344	0.767	4.578	46.11	43.39	85.1	77.94	0	0.001	26.02	7.64	-0.006	12.17
12/20/2013 5:00	38279	2.795	278.2	30.45	6.368	0.823	326.9	8.85	4.578	45.68	43.17	86.7	79.59	0	0	26.02	7.637	-0.003	12.16
12/20/2013 6:00	38280	3.082	340.4	27.95	6.368	0.219	292.9	4.237	4.578	47.31	44.55	87.2	80.9	0	0	26.01	7.636	-0.001	12.19
12/20/2013 7:00	38281	2.702	319.9	49.47	6.368	0.257	7.79	1.522	4.578	49.94	44.64	68.14	76.08	0	0.001	26.01	7.635	-0.001	12.21
12/20/2013 8:00	38282	1.726	156.6	8.97	4.578	0	0	0	0	49.15	45	67.68	72.99	0	0.579	26.03	7.632	-0.003	12.21
12/20/2013 9:00	38283	3.282	234.7	70.86	8.16	0.708	253.9	34.69	6.368	47.26	44.53	74.44	71.76	0	14.61	26.04	7.631	0	12.57
12/20/2013 10:00	38284	7.619	90.2	18.22	18.89	4.6	70.85	13.59	15.31	48.82	47.68	71.78	67.49	0	55.57	26.05	7.625	-0.006	12.17

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/20/2013 11:00	38285	13.58	58.97	10.9	22.47	8.7	55.04	16.07	18.89	46.79	46.64	53.22	50.29	0	68.24	26.1	7.625	0	12.21
12/20/2013 12:00	38286	14.04	46.03	9.39	22.47	8.12	40.08	12.28	17.1	43.05	42.94	63.73	59.3	0	104.3	26.08	7.622	-0.003	12.18
12/20/2013 13:00	38287	16.27	46.71	9.82	26.05	9.5	42.46	12.92	18.89	40.45	40.42	79.03	71.76	0.02	139.6	26.05	7.628	0.006	12.17
12/20/2013 14:00	38288	15.83	31.46	12.65	24.26	9.73	28.46	14.46	24.26	37.22	37.28	86.5	77	0.03	57.42	26	7.628	0	12.78
12/20/2013 15:00	38289	15.97	24.3	11.43	26.05	10.92	22.04	13.27	24.26	35.39	35.53	92.2	81.1	0.06	46.95	25.98	7.624	-0.003	12.22
12/20/2013 16:00	38290	17.51	26.82	11.28	27.84	11.73	24.11	12.87	26.05	35.17	35.21	95.6	83.3	0.16	11.67	25.96	7.647	0.022	12.16
12/20/2013 17:00	38291	14.09	41.3	9.74	22.47	8.16	36.57	11.84	17.1	35.86	35.86	97.5	85.1	0.09	12.46	25.96	7.682	0.035	12.18
12/20/2013 18:00	38292	12.18	77.57	16.28	18.89	8.24	74.62	21.41	15.31	36.43	36.42	98.4	86	0.1	2.561	25.97	7.71	0.029	12.55
12/20/2013 19:00	38293	14.26	109.9	18.91	29.63	10.16	110.4	24.26	24.26	37.29	37.21	99.2	87.2	0.06	0	25.95	7.739	0.029	12.2
12/20/2013 20:00	38294	11.38	87.5	40.94	27.84	7.581	82.7	45.15	18.89	37.58	37.53	99.1	87.4	0	0	25.94	7.739	0	12.17
12/20/2013 21:00	38295	6.61	78.27	27.91	17.1	4.215	74.42	27.91	13.52	37.03	36.99	99.6	87.6	0.02	0	25.96	7.786	0.048	12.35
12/20/2013 22:00	38296	7.429	70.15	11.5	15.31	4.648	66.05	17.27	9.95	38.13	38.01	99.6	88	0	0	25.94	7.789	0.003	12.17
12/20/2013 23:00	38297	6.679	51.13	10.92	11.74	3.972	48.59	14.54	9.95	38.93	38.76	99.6	88.3	0	0	25.93	7.793	0.003	12.17
12/21/2013 0:00	38298	5.013	32.31	34.14	8.16	3.135	28.16	35.54	6.368	39.49	39.33	99.4	88.4	0	0	25.93	7.793	0	12.18
12/21/2013 1:00	38299	4.952	354.6	46.49	11.74	3.401	354.6	44.21	8.16	39.79	39.68	99.7	88.6	0	0	25.91	7.793	0	12.16
12/21/2013 2:00	38300	6.148	67.02	13.78	9.95	4.041	65.1	18.47	8.16	39.89	39.81	99.6	88.7	0	0	25.89	7.793	0	12.16
12/21/2013 3:00	38301	5.888	97.7	13.28	11.74	3.976	95.2	19.68	8.16	40.1	40	99.9	88.7	0.01	0	25.85	7.796	0.003	12.24
12/21/2013 4:00	38302	5.915	225.5	39.63	15.31	4.16	236.4	34.5	13.52	40.89	40.76	99.9	89	0.02	0	25.86	7.805	0.01	12.18
12/21/2013 5:00	38303	9.73	264.5	10.21	18.89	7.408	263.1	12.96	17.1	41.85	41.54	97.7	89.4	0.01	0	25.88	7.808	0.003	12.71
12/21/2013 6:00	38304	5.842	249.8	26.26	9.95	3.693	247.1	27.16	8.16	41.61	40.78	93.1	86.2	0	0	25.86	7.808	0	12.26
12/21/2013 7:00	38305	6.276	228.3	9.45	9.95	3.677	226.6	13.27	8.16	39.94	39	97	86.6	0	0	25.85	7.808	0	12.24
12/21/2013 8:00	38306	6.906	208.7	7.929	13.52	3.848	207.9	12.03	8.16	38.35	36.89	95.7	87.1	0	1.296	25.84	7.808	0	12.25
12/21/2013 9:00	38307	10.7	222.4	8.98	18.89	7.613	222.7	10.75	15.31	38.61	38.02	86.9	79.68	0	109.4	25.84	7.808	0	12.24
12/21/2013 10:00	38308	16.43	231.3	9.4	31.42	12.8	229.6	10.5	27.84	41.7	41.49	76.11	69.97	0	281.5	25.86	7.809	0.001	12.66
12/21/2013 11:00	38309	23.38	236.9	8.51	36.78	18.57	234.7	9.63	33.21	43.33	43.26	68.35	62.98	0	342	25.89	7.815	0.006	12.67
12/21/2013 12:00	38310	21.97	237.1	9.48	31.42	17.56	234.9	10.35	29.63	44.77	44.93	68.3	62.71	0	507.2	25.88	7.815	0	12.7
12/21/2013 13:00	38311	21.8	250.3	11.96	34.99	17.67	247.6	13.57	27.84	47.64	47.88	62.95	58.44	0	570.1	25.88	7.814	-0.001	12.6
12/21/2013 14:00	38312	22.19	268.3	11.75	36.78	17.24	265.3	13.83	29.63	50.1	50.43	56.25	53.03	0	502.2	25.88	7.814	0	12.53
12/21/2013 15:00	38313	22.72	262.5	11.58	34.99	17.89	259.3	14	29.63	52.23	52.54	54.08	51.18	0	529.5	25.89	7.816	0.002	12.68
12/21/2013 16:00	38314	22.64	264	10.31	36.78	17.7	260.9	12.82	31.42	53.44	53.51	50.53	48.46	0	355.5	25.91	7.816	0	12.7
12/21/2013 17:00	38315	23.96	256.8	9.14	38.57	19.21	254.4	11.73	33.21	52.91	52.63	49.66	47.73	0	186.8	25.92	7.814	-0.002	12.57
12/21/2013 18:00	38316	22.11	257.2	9.17	36.78	17.57	255.2	11.75	29.63	51.12	50.61	51.96	49.54	0	55.59	25.93	7.814	0.001	12.74
12/21/2013 19:00	38317	14.29	250.8	10.81	27.84	11.13	248.2	12.11	24.26	47.65	46.93	60.02	56.13	0	0.152	25.94	7.815	0.001	12.54
12/21/2013 20:00	38318	9.2	243.7	9.08	15.31	6.925	241.1	9.7	13.52	44.83	43.99	67.3	62.31	0	0	25.94	7.815	0	12.43
12/21/2013 21:00	38319	10.53	244.4	8.59	18.89	8.21	242	9.71	15.31	43.27	42.6	72.99	66.57	0	0	25.96	7.815	-0.001	12.52
12/21/2013 22:00	38320	8.94	242.4	8.73	17.1	6.708	238.9	9.96	13.52	43.13	42.42	73.32	67.03	0	0	25.98	7.818	0.003	12.4
12/21/2013 23:00	38321	5.41	218.3	19.73	9.95	3.121	210.7	23.01	8.16	41.42	39.93	76.52	70.94	0	0	26	7.815	-0.003	12.24
12/22/2013 0:00	38322	7.483	259.8	25.57	15.31	5.037	263.3	22.9	13.52	42.63	41.37	68.3	64.31	0	0	26.01	7.815	0	12.31
12/22/2013 1:00	38323	6.746	271.1	15.36	13.52	4.919	267.7	17.52	11.74	43.15	42.45	67.6	62.31	0	0	26.04	7.818	0.003	12.25
12/22/2013 2:00	38324	10.85	292.3	18.52	18.89	8.48	290.7	21.6	15.31	43.3	42.79	69.92	63.81	0	0	26.07	7.817	-0.001	12.23
12/22/2013 3:00	38325	14.91	25.45	9.21	27.84	10.36	22.92	11.66	24.26	35.71	35.75	91.1	79.78	0	0	26.1	7.815	-0.003	12.24
12/22/2013 4:00	38326	13.18	18.04	11.6	22.47	9.6	16.41	12.54	18.89	33.8	33.71	87	76.92	0	0	26.1	7.815	0	12.25
12/22/2013 5:00	38327	12.73	17.77	10.03	20.68	9.56	14.87	11.82	17.1	31.35	31.25	80.5	71.05	0	0	26.13	7.816	0.002	12.54
12/22/2013 6:00	38328	11.04	17.8	10.47	17.1	8.45	15.21	11.66	15.31	30.68	30.65	78.84	69.36	0	0	26.16	7.817	0.001	12.22
12/22/2013 7:00	38329	9.73	23.33	9.58	15.31	6.905	20.86	11.92	13.52	30.97	30.92	76.39	67.26	0	0	26.2	7.817	0	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/22/2013 8:00	38330	8.75	20.71	8.92	13.52	6.467	18.34	11.64	13.52	31.65	31.58	73.39	64.82	0	0.916	26.24	7.816	-0.001	12.22
12/22/2013 9:00	38331	8.76	5.644	9.22	15.31	6.541	3.721	15.49	11.74	32.62	32.6	71.54	63.54	0	53.69	26.28	7.816	0	12.24
12/22/2013 10:00	38332	12.64	6.333	10.03	22.47	9.52	4.144	14.28	18.89	35.37	35.75	64.22	57.48	0	282.5	26.33	7.815	-0.001	12.7
12/22/2013 11:00	38333	12.34	19.65	11.46	22.47	9.23	17.03	13.16	17.1	37.48	37.99	63.07	56.35	0	392.6	26.4	7.816	0.001	12.38
12/22/2013 12:00	38334	11.46	29.45	16.11	18.89	8	25.67	17.65	17.1	39.3	40.06	62.33	55.82	0	487	26.45	7.815	0	12.5
12/22/2013 13:00	38335	8.54	29.44	18.47	15.31	5.944	26.29	20.18	11.74	40.39	41.23	61.74	55.68	0	500.9	26.46	7.815	0	12.54
12/22/2013 14:00	38336	5.607	30.57	42.17	15.31	4.131	27.56	44.15	13.52	43.25	44.08	56.22	51.56	0	577.8	26.46	7.816	0.001	12.62
12/22/2013 15:00	38337	5.169	3.972	38.47	11.74	3.808	0.441	35.38	9.95	44.6	45.39	52.56	48.5	0	463.8	26.47	7.816	-0.001	12.88
12/22/2013 16:00	38338	5.856	295.2	40.59	11.74	4.651	293.4	42.7	9.95	44.62	45.29	52.05	47.86	0	387.9	26.49	7.816	0	12.57
12/22/2013 17:00	38339	6.524	312.1	23.37	11.74	5.447	312.1	25.88	9.95	43.94	44.39	52.92	48.8	0	203.5	26.47	7.814	-0.002	12.7
12/22/2013 18:00	38340	4.714	289.8	36.48	11.74	3.158	287.5	35.89	9.95	43.06	43.03	55.37	51.79	0	61.47	26.46	7.815	0.001	12.48
12/22/2013 19:00	38341	1.986	275.8	16.82	6.368	0	0	0	0	40.19	37.91	61.07	61.74	0	0.216	26.43	7.814	-0.001	12.35
12/22/2013 20:00	38342	2.767	135.2	41.07	6.368	0	0	0	0	38.66	35.05	65.54	70.5	0	0	26.41	7.812	-0.003	12.27
12/22/2013 21:00	38343	4.286	146.4	9.01	6.368	0	0	0	0	37.09	34.05	68.4	68.95	0	0	26.4	7.813	0.001	12.22
12/22/2013 22:00	38344	4.337	156.4	9.49	6.368	0	0	0	0	35.58	32.86	71.88	69.87	0	0	26.4	7.811	-0.002	12.28
12/22/2013 23:00	38345	3.6	186.6	17.4	6.368	0	0	0	0	33.95	31.42	75.38	72.24	0	0	26.4	7.811	0	12.24
12/23/2013 0:00	38346	2.786	217	12.87	4.578	0	0	0	0	32.84	30.59	79.08	74.44	0	0	26.41	7.808	-0.003	12.24
12/23/2013 1:00	38347	2.766	230.9	23.28	4.578	0	0	0	0	32.03	29.51	82.8	76.97	0	0	26.41	7.808	0	12.24
12/23/2013 2:00	38348	5.141	219.8	9.67	8.16	0.563	219.4	3.637	4.578	31.17	28.35	83.8	78.35	0	0	26.4	7.808	0	12.32
12/23/2013 3:00	38349	6.064	220.2	4.609	8.16	2.859	222.8	8.72	4.578	31.1	29.19	82	76.46	0	0	26.4	7.808	0	12.22
12/23/2013 4:00	38350	5.312	227.1	8.82	8.16	2.507	237.6	16.63	4.578	29.82	28.28	84.3	76.82	0	0	26.41	7.808	0	13.05
12/23/2013 5:00	38351	4.97	236.6	19.42	8.16	2.125	264.4	32.1	4.578	29.1	26.86	85.8	78.51	0	0	26.41	7.808	0	13.04
12/23/2013 6:00	38352	4.409	244	21.1	6.368	1.727	265.7	24.28	4.578	29.73	27.14	83.5	78.14	0	0	26.41	7.808	0	12.23
12/23/2013 7:00	38353	3.707	222.9	10.85	6.368	0.153	280.5	16.27	2.789	29.36	26.1	83.7	78.72	0	0	26.42	7.809	0.001	12.23
12/23/2013 8:00	38354	4.807	241.5	14.1	8.16	1.864	270.7	25.62	4.578	29.91	26.48	81.2	77.9	0	2.301	26.43	7.809	0	12.25
12/23/2013 9:00	38355	4.167	269	11.28	6.368	2.225	279.1	17.06	4.578	32.42	31.08	76.3	71.69	0	111.1	26.46	7.811	0.002	13.08
12/23/2013 10:00	38356	5.015	246.4	15.33	8.16	4.149	244.4	16.94	8.16	36.66	36.79	72.28	64.2	0	287	26.54	7.802	-0.009	12.29
12/23/2013 11:00	38357	6.265	227.7	14.1	9.95	4.959	226.5	15.01	9.95	40.91	41.2	67.36	60.01	0	448.4	26.62	7.793	-0.009	12.52
12/23/2013 12:00	38358	8.1	258	26.57	17.1	6.79	255.2	28.69	13.52	46.33	46.57	56.79	52.15	0	564.2	26.67	7.791	-0.002	12.45
12/23/2013 13:00	38359	13.15	304.5	12.66	20.68	10.83	303.6	14.5	17.1	49.75	50.12	41.28	39.99	0	621.9	26.68	7.784	-0.006	12.48
12/23/2013 14:00	38360	12.94	316.4	11.73	20.68	10.78	316.4	12.59	18.89	50.73	51.16	40	38.76	0	615.5	26.66	7.778	-0.006	12.43
12/23/2013 15:00	38361	10.61	316.6	15.39	17.1	8.9	316.2	16.84	17.1	52.06	52.41	34.58	33.52	0	547.5	26.65	7.775	-0.003	12.47
12/23/2013 16:00	38362	7.317	314.4	23.14	15.31	6.069	312.8	24.81	13.52	53.41	53.67	32.54	31.39	0	421	26.66	7.775	0	12.74
12/23/2013 17:00	38363	4.863	15.31	29.69	9.95	3.519	8.79	29.66	8.16	54.37	54.92	27.8	26.25	0	251.3	26.66	7.771	-0.003	12.65
12/23/2013 18:00	38364	3.823	53.17	18.81	8.16	2.216	49.42	18.63	6.368	52.33	51.87	32.71	32.92	0	58.62	26.65	7.768	-0.003	12.43
12/23/2013 19:00	38365	5.131	69.08	6.415	8.16	3.026	60.73	7.245	4.578	47.1	43.58	39.61	45.37	0	0.282	26.61	7.768	-0.001	12.39
12/23/2013 20:00	38366	7.273	78.16	5.472	9.95	3.394	65.68	10.09	6.368	43.7	39.18	46.95	52.84	0	0	26.57	7.767	-0.001	12.4
12/23/2013 21:00	38367	7.91	80.4	4.926	11.74	3.775	67.76	12	6.368	41.57	37.51	52.75	55.95	0	0	26.57	7.767	0	12.44
12/23/2013 22:00	38368	9.26	87	6.253	13.52	4.751	85.1	13.58	8.16	38.51	36.32	63.25	60.53	0	0	26.57	7.764	-0.003	12.31
12/23/2013 23:00	38369	9.03	90.7	4.783	13.52	4.698	87.5	12.58	8.16	36.13	34.02	72.08	67.68	0	0	26.56	7.764	0	12.37
12/24/2013 0:00	38370	7.66	95.4	5.868	11.74	4.115	85.4	12.02	8.16	34.84	32.59	77.59	72.04	0	0	26.55	7.762	-0.002	12.29
12/24/2013 1:00	38371	7.146	101.7	8.84	13.52	4.321	93.1	15.31	8.16	34.87	33.22	80.2	73.29	0	0	26.54	7.763	0.001	12.24
12/24/2013 2:00	38372	7.925	110.9	8.55	11.74	4.889	105.7	15.09	8.16	32.86	31.84	87.2	77.41	0	0	26.53	7.763	0.001	12.23
12/24/2013 3:00	38373	5.927	105.9	8.06	9.95	3.692	95.7	13.42	8.16	31.54	30.55	91.4	80.4	0	0	26.51	7.76	-0.003	12.31
12/24/2013 4:00	38374	4.104	131.6	23.81	8.16	1.172	89.3	8.51	4.578	30.54	28.79	92.3	81.7	0	0	26.49	7.76	0	12.22

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
12/24/2013 5:00	38375	4.387	136.4	10.14	8.16	0.246	119.6	4.416	4.578	30.23	28.3	92.3	82.6	0	0	26.47	7.76	0	12.22	
12/24/2013 6:00	38376	5.12	163.4	11.82	9.95	0.168	153.1	3.045	2.789	30.79	28.03	89.9	82.1	0	0	26.44	7.76	0	12.23	
12/24/2013 7:00	38377	3.929	200.4	21.71	8.16	0	0	0	0	29.7	27.75	91.6	82.5	0	0	26.43	7.76	0	12.3	
12/24/2013 8:00	38378	5.432	207.1	7.295	8.16	0.843	208.8	8.78	4.578	30.06	27.2	91.8	83	0	2.116	26.43	7.76	0	12.24	
12/24/2013 9:00	38379	6.606	207.5	8.67	9.95	3.918	209.4	13.67	8.16	32.02	30.97	88.9	79.92	0	114.6	26.43	7.76	0	12.34	
12/24/2013 10:00	38380	9.12	204.9	9.35	15.31	6.355	207.2	12.77	13.52	36.71	37.09	83.3	73.48	0	296.8	26.48	7.758	-0.003	12.4	
12/24/2013 11:00	38381	10.98	200.4	9.19	15.31	7.864	202.9	12.93	13.52	41.62	42.52	72.36	63.68	0	452.4	26.53	7.755	-0.003	12.57	
12/24/2013 12:00	38382	11.87	202.7	8.88	17.1	8.58	204.8	12.73	13.52	46.31	47.45	61.56	54.9	0	566.9	26.55	7.75	-0.005	12.49	
12/24/2013 13:00	38383	11.99	205	11.44	17.1	8.73	206.3	14.33	15.31	50.44	51.63	51.82	47.19	0	622.4	26.55	7.743	-0.007	12.73	
12/24/2013 14:00	38384	13.89	200.8	9.83	22.47	9.85	202.6	13.47	17.1	53.8	55.06	42.77	39.82	0	615.5	26.52	7.74	-0.003	12.73	
12/24/2013 15:00	38385	16.66	202.9	9.3	24.26	11.58	204.2	13.3	18.89	55.95	57.01	38.05	35.89	0	544.9	26.49	7.732	-0.007	12.64	
12/24/2013 16:00	38386	16.75	203.1	8.98	26.05	11.55	204.7	12.85	20.68	57.22	57.99	36.53	34.53	0	419.5	26.47	7.73	-0.002	12.97	
12/24/2013 17:00	38387	15.49	201.6	8.55	24.26	10.51	203.8	12.5	17.1	57.29	57.7	36.95	35.21	0	249.7	26.44	7.724	-0.006	12.81	
12/24/2013 18:00	38388	8.96	196.6	10.49	18.89	5.396	197.2	19.31	13.52	55.47	54.57	39.67	39.04	0	58.84	26.42	7.721	-0.003	12.81	
12/24/2013 19:00	38389	4.569	211.1	13.51	8.16	0.888	216.1	15.79	4.578	50.88	46.87	47.57	49.69	0	0.319	26.38	7.72	-0.001	12.33	
12/24/2013 20:00	38390	6.044	199.7	34.35	11.74	2.513	178.3	40.84	6.368	48.23	43.4	53.7	56.99	0	0.001	26.35	7.717	-0.003	12.21	
12/24/2013 21:00	38391	6.518	194.7	8.65	9.95	3.074	201.3	13.43	6.368	43.67	41.06	68.08	65.73	0	0	26.33	7.716	-0.001	12.21	
12/24/2013 22:00	38392	6.561	206.1	7.847	9.95	3.322	216.5	12.67	4.578	41.49	39.02	71.93	68.65	0	0	26.32	7.716	0	12.45	
12/24/2013 23:00	38393	6.614	212.7	7.733	9.95	3.355	220.4	13.6	6.368	39.58	37.28	75	70.91	0	0	26.31	7.716	0	12.16	
12/25/2013 0:00	38394	5.954	240.9	16.51	9.95	3.089	259	24.1	6.368	38.51	35.98	77.05	72.67	0	0	26.31	7.713	-0.003	12.21	
12/25/2013 1:00	38395	6.418	258	13.11	13.52	3.217	264.2	19.74	8.16	37.94	35.03	77.76	74.2	0	0	26.3	7.713	0	12.22	
12/25/2013 2:00	38396	10.45	308	32.89	22.47	7.561	309.8	33.41	17.1	39.01	37.36	75.39	70.41	0	0	26.32	7.71	-0.003	12.22	
12/25/2013 3:00	38397	19.84	5.077	10.43	33.21	14.55	2.951	12.89	26.05	39.88	39.32	71.56	64.64	0	0	26.35	7.71	0	12.29	
12/25/2013 4:00	38398	23.23	17.4	9.76	36.78	17.68	15.03	10.97	31.42	39.12	38.8	73.76	65.65	0	0	26.37	7.704	-0.006	12.25	
12/25/2013 5:00	38399	21.29	20.69	8.6	33.21	16.11	16.65	11	33.21	38.08	37.8	78.2	69.21	0	0	26.4	7.701	-0.003	12.25	
12/25/2013 6:00	38400	19.9	22.6	8.89	31.42	14.44	18.25	11.33	27.84	36.97	36.68	81.3	71.75	0	0	26.41	7.701	0	12.65	
12/25/2013 7:00	38401	17.54	21.09	9.58	27.84	12.95	17.44	11.41	24.26	36.19	35.9	83.3	73.37	0	0	26.43	7.697	-0.003	12.26	
12/25/2013 8:00	38402	13.3	10.55	10.28	22.47	9.96	8.39	11.67	18.89	34.59	34.27	87.2	76.45	0	1.894	26.47	7.694	-0.003	12.23	
12/25/2013 9:00	38403	13.19	359.3	9.44	20.68	9.65	356.4	12.01	17.1	34.8	34.63	87.4	76.83	0	90.2	26.49	7.694	0	12.24	
12/25/2013 10:00	38404	17.45	7.267	11.14	26.05	12.84	5.593	12.63	24.26	37.4	37.6	82.7	72.78	0	256.2	26.54	7.694	0	12.26	
12/25/2013 11:00	38405	18.03	19.49	9.92	27.84	13.32	16.56	11.33	27.84	38.87	39.28	79.2	69.7	0	384.2	26.59	7.689	-0.006	12.36	
12/25/2013 12:00	38406	15.05	17.64	13.53	22.47	10.69	15.39	15.18	20.68	40.73	41.46	74.61	65.86	0	550.2	26.62	7.688	0	12.38	
12/25/2013 13:00	38407	13.29	18.18	14.26	20.68	9.51	15.22	16.28	20.68	44.31	45.1	65.44	58.62	0	606.7	26.63	7.687	-0.002	12.42	
12/25/2013 14:00	38408	11.69	13.89	16.66	22.47	8.6	11.42	18.25	22.47	46.65	47.56	58.4	52.84	0	600.4	26.63	7.686	-0.001	12.36	
12/25/2013 15:00	38409	11.51	23.81	14.04	18.89	8.21	20.88	15.5	17.1	48	48.75	51.69	47.25	0	530.3	26.63	7.683	-0.003	12.69	
12/25/2013 16:00	38410	12.05	41.24	14.56	20.68	7.621	37.21	16.9	18.89	48.3	49.12	48.24	44.16	0	407.8	26.63	7.68	-0.003	12.72	
12/25/2013 17:00	38411	10.95	45.44	13.56	17.1	6.601	40.74	15.56	13.52	48.13	48.75	47.57	43.86	0	236.2	26.62	7.677	-0.002	12.53	
12/25/2013 18:00	38412	8.51	63.77	8.87	17.1	5.518	60.1	14.54	13.52	46.2	45.97	51.77	48.02	0	55.25	26.61	7.672	-0.005	12.29	
12/25/2013 19:00	38413	4.553	75.67	12.1	8.16	1.775	76.44	10.85	6.368	41.65	39.33	60.64	58.56	0	0.292	26.58	7.67	-0.002	12.25	
12/25/2013 20:00	38414	4.474	57.79	10.52	6.368	0.845	47.51	3.655	4.578	39.78	36.85	65.14	63.84	0	0	26.55	7.669	-0.001	12.24	
12/25/2013 21:00	38415	4.635	39.14	6.678	6.368	0.706	28.22	3.337	4.578	38.13	35.93	69.49	65.49	0	0	26.55	7.662	-0.006	12.14	
12/25/2013 22:00	38416	5.754	30.96	5.824	8.16	2.41	31.37	7.716	4.578	36.88	35.51	71.94	65.59	0	0	26.56	7.662	0	12.37	
12/25/2013 23:00	38417	5.721	32.52	7.357	8.16	2.595	34.86	8.69	4.578	35	33.95	76.07	68.23	0	0	26.56	7.66	-0.002	12.3	
12/26/2013 0:00	38418	5.88	28.84	6.557	8.16	2.713	36.32	10.42	6.368	34.36	32.91	77.47	69.89	0	0	26.56	7.661	0.001	12.2	
12/26/2013 1:00	38419	7.009	29.04	6.46	13.52	3.322	32.82	10.59	6.368	33.23	31.93	79.34	71.22	0	0	26.54	7.659	-0.002	12.26	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg										RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG					
12/26/2013 2:00	38420	6.837	23.22	50.99	11.74	3.691	26.54	55.11	8.16	31.59	30.55	81.9	72.36	0	0	26.53	7.659	0
12/26/2013 3:00	38421	4.043	291.3	21	6.368	1.782	294.6	22.29	4.578	26.14	24.65	91.5	78.84	0	0	26.52	7.656	-0.003
12/26/2013 4:00	38422	3.835	324.4	13.06	6.368	0.5	309.7	9.61	2.789	27.73	24.05	90	80.7	0	0	26.5	7.657	0.001
12/26/2013 5:00	38423	2.661	333	13.35	4.578	0.046	173.7	0.537	2.789	27.48	23.4	90.5	81.4	0	0	26.48	7.658	0.001
12/26/2013 6:00	38424	4.682	325.4	4.905	8.16	0.363	318.8	2.736	4.578	28.17	23.73	90.3	82.2	0	0	26.47	7.658	0
12/26/2013 7:00	38425	5.685	313.1	9.85	9.95	2.031	296.8	15.13	6.368	29.39	26.3	91.3	82	0	0	26.48	7.657	-0.001
12/26/2013 8:00	38426	6.965	312.8	6.927	9.95	4.038	311.2	12.09	6.368	29.86	28.42	92.1	81.9	0	1.314	26.49	7.659	0.002
12/26/2013 9:00	38427	6.544	307.6	12.35	9.95	4.5	308.3	15.43	8.16	31.57	30.83	90.3	79.72	0	84.8	26.5	7.659	0
12/26/2013 10:00	38428	5.737	274.9	15.1	8.16	4.684	270.4	18.51	8.16	35.98	36.32	85.8	74.6	0	283.8	26.54	7.653	-0.006
12/26/2013 11:00	38429	6.818	247.6	15.18	11.74	5.675	244.6	16.23	9.95	41.63	41.84	75.09	66.5	0	448.1	26.6	7.647	-0.006
12/26/2013 12:00	38430	7.796	226.7	17.33	11.74	6.377	226.6	17.56	11.74	45.06	45.38	58.59	52.92	0	563.4	26.63	7.645	-0.002
12/26/2013 13:00	38431	8.51	218.2	16.2	13.52	6.739	218	18.06	11.74	47.03	47.65	52.29	47.16	0	620.5	26.63	7.645	0
12/26/2013 14:00	38432	8.2	217.2	21	15.31	6.496	217.5	22.29	11.74	48.32	49.14	49.94	44.91	0	615.7	26.6	7.641	-0.003
12/26/2013 15:00	38433	6.457	218.7	27.3	13.52	5.147	217.8	28.63	11.74	49.78	50.27	45.13	41.17	0	545.7	26.59	7.641	0
12/26/2013 16:00	38434	6.102	211.2	29.56	11.74	4.724	212	32.6	9.95	50.67	51.19	43.8	40.05	0	419.4	26.58	7.635	-0.006
12/26/2013 17:00	38435	6.103	199.6	23.24	9.95	4.632	201.5	26.18	9.95	50.14	50.79	45.1	40.94	0	249.6	26.56	7.635	0
12/26/2013 18:00	38436	7.294	178.6	12.06	9.95	4.323	178.9	16.39	8.16	47.07	46.75	51.95	47.77	0	60.3	26.52	7.633	-0.002
12/26/2013 19:00	38437	6.672	155.5	6.922	9.95	2.225	145.8	11.63	4.578	40.67	37.67	62.71	60.65	0	0.339	26.48	7.632	-0.001
12/26/2013 20:00	38438	6.133	146.3	9.88	9.95	2.2	120.5	18.57	4.578	38.08	34.64	66.22	65.08	0	0	26.45	7.631	-0.001
12/26/2013 21:00	38439	6.687	122.6	11.13	9.95	3.312	90	17.64	4.578	38.16	34.1	65.77	65.82	0	0	26.44	7.632	0.001
12/26/2013 22:00	38440	6.798	125.6	6.679	9.95	3.022	92.9	14.76	4.578	38.14	33.39	64.02	65.95	0	0	26.45	7.629	-0.003
12/26/2013 23:00	38441	6.097	129	10.09	8.16	1.326	86.7	10.8	4.578	35.68	31.84	66.56	66.58	0	0	26.45	7.63	0.001
12/27/2013 0:00	38442	3.638	133.5	17.89	8.16	0.057	304.3	7.702	2.789	34.42	31.16	68.37	66.6	0	0	26.46	7.63	0
12/27/2013 1:00	38443	6.272	119.3	8.74	8.16	2.887	83.6	9.46	4.578	35.94	31.54	64.67	65.37	0	0	26.45	7.63	0
12/27/2013 2:00	38444	6.58	125.1	3.657	8.16	3.33	86.6	9.19	4.578	36.79	31.47	61.9	64.71	0	0	26.45	7.63	0
12/27/2013 3:00	38445	4.824	107.9	9.27	6.368	2.836	72.89	9.07	4.578	36.3	32.73	67.55	65.28	0	0	26.46	7.63	0
12/27/2013 4:00	38446	4.622	89.1	11.06	8.16	1.097	65.2	10.24	4.578	35.07	30.93	70.65	69.02	0	0	26.46	7.63	0
12/27/2013 5:00	38447	3.58	44.9	11.66	6.368	0.287	45.84	4.991	4.578	34.88	30.58	70	69.27	0	0	26.46	7.63	0
12/27/2013 6:00	38448	1.367	15.34	31.84	4.578	0	0	0	0	32.46	26.04	75.01	76.01	0	0	26.44	7.63	0
12/27/2013 7:00	38449	1.496	357	34.15	4.578	0	0	0	0	30.77	25.26	79.6	78.26	0	0	26.44	7.628	-0.002
12/27/2013 8:00	38450	2.36	16.97	13.05	4.578	0	0	0	0	32.43	27.32	74.99	74.94	0	1.58	26.45	7.628	0
12/27/2013 9:00	38451	3.172	23.59	10.08	6.368	0.554	30.72	7.218	4.578	33.28	31.41	72.45	68.89	0	103.4	26.47	7.63	0.003
12/27/2013 10:00	38452	3.056	29.81	13.37	6.368	1.344	27.87	11.87	4.578	40.18	40.75	65.03	59.6	0	283.2	26.55	7.62	-0.011
12/27/2013 11:00	38453	2.329	41.64	36.39	4.578	0.781	21.77	26.71	4.578	47.1	47.75	50.33	47.02	0	445.7	26.64	7.62	0
12/27/2013 12:00	38454	2.716	267.4	80.2	6.368	2.046	280.5	73.78	6.368	51.1	51.55	41.67	39.15	0	562	26.69	7.621	0.002
12/27/2013 13:00	38455	3.429	7.413	63.74	8.16	2.542	5.522	59.36	6.368	52.41	52.76	38.11	36.68	0	620.4	26.69	7.62	-0.001
12/27/2013 14:00	38456	3.466	243.8	70.56	8.16	2.735	238.4	61.12	8.16	54.04	54.01	35.08	33.38	0	616.4	26.67	7.62	0
12/27/2013 15:00	38457	4.149	223.6	72.43	9.95	3.369	231.4	70.04	8.16	54.01	54.21	34.95	32.76	0	551.1	26.65	7.62	0
12/27/2013 16:00	38458	4.826	219.7	28.5	9.95	3.871	221.2	29.89	8.16	53.67	54.02	33.79	31.21	0	400	26.64	7.618	-0.002
12/27/2013 17:00	38459	4.533	198.9	28.84	9.95	3.194	200	25.95	8.16	51.98	52.2	34.48	32.01	0	168.9	26.6	7.619	0.002
12/27/2013 18:00	38460	4.979	198	12.31	8.16	2.206	195.5	13.88	4.578	48.55	47.38	39.87	39.52	0	41.03	26.55	7.618	-0.002
12/27/2013 19:00	38461	5.767	177.4	13.04	8.16	1.969	148.8	20.11	4.578	45.4	41.61	42.33	45.29	0	0.531	26.5	7.619	0.001
12/27/2013 20:00	38462	3.414	156.5	14	6.368	0.38	118.1	4.333	2.789	42.69	39.61	46.25	47.33	0	0	26.47	7.618	-0.001
12/27/2013 21:00	38463	3.902	167	10.6	6.368	0.961	127.6	10.71	4.578	40.97	37.74	50.48	49.93	0	0	26.46	7.618	0
12/27/2013 22:00	38464	4.299	169.8	14.37	6.368	1.048	133.1	11.47	4.578	38.13	35	58.34	56.16	0	0	26.45	7.615	-0.003

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
12/27/2013 23:00	38465	2.664	199.5	17.43	6.368	0.099	202.2	2.63	2.789	35.06	32.93	73.11	65.66	0	0	26.44	7.617	0.002	12.25	
12/28/2013 0:00	38466	3.048	230	10.77	4.578	0.285	285.6	3.361	2.789	35.4	32.79	76.9	72.71	0	0	26.42	7.617	0.001	12.24	
12/28/2013 1:00	38467	1.941	223.8	18.49	6.368	0.175	303.2	16.62	2.789	34.69	32.19	80.1	72.89	0	0	26.39	7.617	0	12.26	
12/28/2013 2:00	38468	4.121	241.8	20.24	8.16	2.647	246.3	20.06	6.368	35.25	34.63	95.2	81.8	0	0	26.38	7.616	-0.001	12.34	
12/28/2013 3:00	38469	3.476	252.2	19.31	6.368	2.31	253.5	20.9	4.578	35.94	35.67	99.8	86.5	0	0	26.37	7.615	-0.001	12.7	
12/28/2013 4:00	38470	6.037	222.8	13.91	11.74	4.317	221.5	14.26	8.16	37.33	37.13	99.9	86.1	0	0	26.37	7.615	0	12.23	
12/28/2013 5:00	38471	7.207	210.9	11.43	11.74	5.048	211.5	13.22	9.95	37.25	37.16	99.9	83.3	0	0	26.36	7.615	0	12.2	
12/28/2013 6:00	38472	7.558	202.7	13.95	11.74	5.323	204.2	16.29	9.95	36.52	36.46	99.9	83.3	0	0	26.34	7.615	0	12.33	
12/28/2013 7:00	38473	7.798	210.3	12.88	11.74	5.479	211.9	14.99	9.95	36.07	36.02	99.9	83.3	0	0	26.34	7.615	0	12.91	
12/28/2013 8:00	38474	8.84	200.1	11.33	13.52	6.092	202.2	14.49	11.74	36.08	36.03	99.9	83.5	0	0.511	26.33	7.615	0	12.47	
12/28/2013 9:00	38475	10.24	198.8	9.35	15.31	6.936	202	13.12	11.74	36.6	36.61	99.9	83.6	0	21.17	26.32	7.615	0	13	
12/28/2013 10:00	38476	11.85	199.7	8.58	17.1	8	202.3	12.64	13.52	38.33	38.51	99.9	84.4	0	96.3	26.32	7.615	0	12.46	
12/28/2013 11:00	38477	11.66	205.3	11.65	17.1	8.3	207.4	13.87	15.31	40.13	40.58	99.7	89.6	0	274.1	26.33	7.613	-0.002	12.49	
12/28/2013 12:00	38478	11.75	215.6	10.56	18.89	8.72	216.1	13.12	15.31	44.27	45.13	85.3	83	0	510.8	26.34	7.615	0.002	12.69	
12/28/2013 13:00	38479	13	211.8	12.15	18.89	9.64	212.8	13.93	15.31	47.53	48.61	72.1	64.51	0	620.4	26.35	7.613	-0.002	12.56	
12/28/2013 14:00	38480	13.58	217.5	12.19	20.68	10.12	217.2	13.5	17.1	51.38	52.46	58.62	52.48	0	616.2	26.32	7.613	0	12.6	
12/28/2013 15:00	38481	14.55	223	10.84	22.47	10.99	221.9	12.34	18.89	55.01	55.72	40.77	38.33	0	550.8	26.28	7.61	-0.003	12.83	
12/28/2013 16:00	38482	14.85	220.8	11.26	24.26	11.19	220.2	12.4	18.89	57.3	57.81	34.72	32.72	0	427.7	26.25	7.61	0	12.72	
12/28/2013 17:00	38483	14.73	218.5	10.24	22.47	10.74	218.4	11.83	18.89	58.53	58.8	32.33	30.43	0	256.1	26.23	7.597	-0.013	12.88	
12/28/2013 18:00	38484	13.06	224.1	9	20.68	9.42	222.6	10.58	17.1	56.92	56.27	31.96	30.75	0	63.03	26.2	7.594	-0.003	12.51	
12/28/2013 19:00	38485	9.13	216.1	8.92	13.52	5.497	214.6	11.85	9.95	51.37	49.78	39.86	39.23	0	0.243	26.16	7.593	-0.001	12.51	
12/28/2013 20:00	38486	6.522	197.6	7.371	11.74	2.54	191	12.41	8.16	46.46	43.93	51.2	49.65	0	0.001	26.13	7.593	0.001	12.64	
12/28/2013 21:00	38487	4.873	209.4	11.91	8.16	0.588	192.8	8.88	4.578	44.59	41.37	57.02	56.18	0	0	26.11	7.593	-0.001	12.63	
12/28/2013 22:00	38488	5.522	217.8	16.23	9.95	1.603	236.7	11.25	4.578	42.53	39.39	61.35	59.98	0	0	26.1	7.589	-0.003	12.35	
12/28/2013 23:00	38489	5.635	206	10.4	9.95	2.03	198.3	31.53	4.578	41.66	38.28	64.44	63.4	0	0	26.08	7.589	0	12.25	
12/29/2013 0:00	38490	6.592	213.5	9.29	9.95	2.579	209.9	14.18	4.578	41.04	37.49	66.11	65.44	0	0	26.07	7.57	-0.019	12.61	
12/29/2013 1:00	38491	4.713	217.8	15.48	9.95	1.013	241.1	26.74	6.368	38.54	35.37	71.51	68.96	0	0	26.06	7.57	0	12.23	
12/29/2013 2:00	38492	4.25	225.4	18.35	8.16	0.153	323.3	10.81	4.578	37.93	34.66	73.55	70.54	0	0	26.06	7.571	0.001	12.47	
12/29/2013 3:00	38493	4.989	239.8	20.22	8.16	1.345	265.9	24.99	4.578	36.64	33.75	78	73.17	0	0	26.06	7.572	0	12.87	
12/29/2013 4:00	38494	5.954	292.5	17.79	9.95	3.401	313.4	16.9	6.368	37.78	34.16	74.31	73.1	0	0	26.07	7.572	0	12.24	
12/29/2013 5:00	38495	18.17	348.9	15.92	38.57	13.35	345.8	16.62	29.63	40.78	39.78	59.55	55.84	0	0	26.11	7.57	-0.001	12.88	
12/29/2013 6:00	38496	24.48	7.195	10.23	40.36	18.03	4.857	12.39	33.21	36.86	36.64	69.93	61.99	0	0	26.14	7.567	-0.003	12.8	
12/29/2013 7:00	38497	22.09	12.32	10.69	38.57	16.63	9.78	12.16	33.21	34.65	34.52	74.95	65.78	0	0	26.19	7.567	0	12.24	
12/29/2013 8:00	38498	20.97	16.57	10.11	34.99	16	14.27	11.19	29.63	33.07	33.03	72.43	63.29	0	0.53	26.22	7.567	0	12.24	
12/29/2013 9:00	38499	20.92	19.46	11.65	33.21	15.01	16.59	12.95	31.42	31.9	31.92	73.02	63.55	0	25.55	26.26	7.565	-0.003	12.39	
12/29/2013 10:00	38500	20.92	11.78	10.78	31.42	15.5	9.54	12.86	27.84	30.66	30.86	70.38	61.03	0	97	26.31	7.565	0	12.24	
12/29/2013 11:00	38501	18.4	23.95	12.75	29.63	12.33	21.04	14.37	26.05	30.51	30.9	67.94	58.7	0	228.9	26.34	7.565	0	12.23	
12/29/2013 12:00	38502	16.84	17.09	11.37	27.84	12.36	14.79	13.2	24.26	30.49	31.03	64.73	55.77	0	269.3	26.36	7.545	-0.02	12.24	
12/29/2013 13:00	38503	14.38	17.4	13.42	22.47	10.48	14.84	15.11	18.89	30.49	31.1	61.97	53.39	0	269.8	26.37	7.545	0	12.43	
12/29/2013 14:00	38504	14.7	13.09	13.28	22.47	11.06	11.05	14.88	22.47	30.4	31.07	60.26	51.81	0	242.1	26.35	7.536	-0.01	12.95	
12/29/2013 15:00	38505	13.88	7.884	13.63	22.47	10.44	4.595	15.97	18.89	31	31.71	58.49	50.38	0	228.4	26.35	7.523	-0.013	12.24	
12/29/2013 16:00	38506	13.78	13.24	12.3	22.47	10.18	10.99	14.56	18.89	31.56	32.1	55.98	48.43	0	154.4	26.35	7.523	0	12.38	
12/29/2013 17:00	38507	12.77	23.25	12.72	20.68	8.92	20.82	14.06	20.68	31.74	32	53.34	46.39	0	84.6	26.35	7.523	0	12.36	
12/29/2013 18:00	38508	9.25	38.75	12.23	17.1	5.555	35.14	13.61	13.52	31.96	32.07	52.66	46.12	0	24.77	26.36	7.513	-0.01	12.94	
12/29/2013 19:00	38509	6.104	55.61	12.77	9.95	3.818	52.31	16.47	8.16	31.79	31.54	53.82	47.61	0	0.149	26.37	7.514	0.001	12.27	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/29/2013 20:00	38510	3.692	30.3	15.54	6.368	1.457	24.95	17.85	4.578	30.12	29.27	58.01	51.99	0	0	26.37	7.503	-0.011	12.24
12/29/2013 21:00	38511	6.278	10.89	17.84	9.95	4.163	2.894	21.8	8.16	28.24	27.3	63.06	56.99	0	0	26.38	7.5	-0.003	13.08
12/29/2013 22:00	38512	5.357	44.43	17.56	9.95	3.227	45.69	18.53	6.368	26.13	25.43	69.41	61.03	0	0	26.38	7.5	0	12.24
12/29/2013 23:00	38513	5.83	23.17	10.39	9.95	3.462	24.64	13.43	6.368	26.16	25.64	68.42	59.96	0	0	26.38	7.5	0	12.33
12/30/2013 0:00	38514	4.801	19.29	31.02	9.95	2.504	23.99	37.24	6.368	26.43	25.61	67.15	59.48	0	0	26.37	7.5	0	12.8
12/30/2013 1:00	38515	1.742	309.5	25.53	4.578	1.214	272.2	44.14	4.578	23.75	21.5	74.7	68.47	0	0	26.36	7.502	0.002	12.38
12/30/2013 2:00	38516	3.652	312.3	24.16	6.368	1.495	322	22.87	4.578	22.26	20.54	80.7	72.97	0	0	26.33	7.503	0	12.28
12/30/2013 3:00	38517	2.981	289.1	39.2	6.368	1.245	230.2	34.34	4.578	22.22	19.97	81.9	74.13	0	0	26.31	7.503	0	12.22
12/30/2013 4:00	38518	4.236	253.3	23.17	6.368	1.974	270.4	36.64	4.578	20	18.43	87	76.09	0	0	26.3	7.503	0	12.23
12/30/2013 5:00	38519	5.071	281.6	14.45	8.16	2.38	293.9	11.44	4.578	21.24	19.47	83.7	75.65	0	0	26.28	7.503	0	12.49
12/30/2013 6:00	38520	3.826	270.6	12.68	6.368	1.429	285.3	14.47	4.578	22.57	20.51	78.72	73.08	0	0	26.26	7.503	0	12.67
12/30/2013 7:00	38521	5.259	251.1	12.05	8.16	2.316	240.8	18.19	6.368	22.15	19.94	79.45	72.68	0	0	26.26	7.503	0	12.7
12/30/2013 8:00	38522	7.83	249.9	5.97	9.95	4.786	245.5	8.93	8.16	21.85	20.56	80.9	72.32	0	1.475	26.27	7.503	0	12.28
12/30/2013 9:00	38523	6.165	250.9	9.35	8.16	4.388	245.4	10.93	8.16	25.81	25.06	74.78	66.74	0	98.9	26.29	7.504	0.002	12.23
12/30/2013 10:00	38524	8.42	242.9	9.97	13.52	7.123	239.6	11.38	11.74	31.8	31.68	66.23	58.45	0	283.2	26.36	7.501	-0.003	13.04
12/30/2013 11:00	38525	9.95	242.4	11.21	13.52	8.4	239.6	13.08	11.74	38.64	38.68	52.88	47.65	0	445.1	26.42	7.502	0.001	12.27
12/30/2013 12:00	38526	9.67	262.2	14.63	13.52	8.1	258.6	17.55	13.52	45.87	46.16	42.01	38.66	0	561.4	26.47	7.494	-0.008	12.36
12/30/2013 13:00	38527	10.18	298.9	15.41	17.1	8.48	298	18.47	15.31	52.28	52.56	34.61	32.26	0	621.8	26.5	7.442	-0.052	12.71
12/30/2013 14:00	38528	11.68	323.2	17.52	20.68	9.81	323	17.5	18.89	56.11	56.44	26.13	23.72	0	618.7	26.5	7.441	-0.001	12.85
12/30/2013 15:00	38529	11.94	353.3	14.03	18.89	9.45	350.1	16.45	18.89	56.79	57.4	24.48	21.66	0	552.4	26.5	7.44	0	12.62
12/30/2013 16:00	38530	11.53	14.17	19.36	18.89	8.25	11.61	21.3	17.1	56.92	57.4	23.89	20.89	0	428	26.51	7.44	0	12.64
12/30/2013 17:00	38531	12.31	37.89	12.32	20.68	7.502	33.06	13.61	20.68	55.33	55.69	25.79	22.79	0	257.9	26.52	7.438	-0.002	12.8
12/30/2013 18:00	38532	10.06	54.99	11.11	18.89	6.05	51.06	16.25	11.74	52.16	51.74	29.15	26.68	0	66.69	26.52	7.439	0.001	12.64
12/30/2013 19:00	38533	7.178	62.08	7.079	11.74	3.906	63.69	13.47	8.16	45.93	43.67	36.39	35.56	0	0.49	26.49	7.438	-0.001	12.81
12/30/2013 20:00	38534	10.17	53.72	8.82	15.31	6.019	50.94	13.35	11.74	43.56	42.19	40.21	37.95	0	0.001	26.48	7.439	0.001	12.31
12/30/2013 21:00	38535	11.1	40.7	10.12	17.1	6.048	34.2	11.59	13.52	42.49	41.73	43.19	39.53	0	0	26.49	7.44	0.001	12.44
12/30/2013 22:00	38536	11.39	48.11	10.72	18.89	6.388	42.42	14.72	13.52	39.8	39.08	48.07	43.46	0	0	26.5	7.437	-0.003	12.25
12/30/2013 23:00	38537	10.41	55.92	10.49	15.31	6.507	53.98	15.03	11.74	37.57	36.7	52.76	47.59	0	0	26.51	7.437	0	12.18
12/31/2013 0:00	38538	9.86	61.92	7.7	15.31	6.417	59.99	13.04	11.74	35.27	34.37	57.61	51.62	0	0	26.52	7.437	0	12.86
12/31/2013 1:00	38539	9.07	57.65	7.893	18.89	5.809	56.59	12.26	15.31	33.56	32.5	60.62	54.46	0	0	26.51	7.438	0.001	12.51
12/31/2013 2:00	38540	8.12	57.06	6.634	11.74	4.905	55.6	11.7	8.16	33.37	31.98	60.96	55.44	0	0	26.49	7.439	0.001	12.23
12/31/2013 3:00	38541	8.48	61.32	7.906	11.74	4.748	57.28	14.01	8.16	33.22	31.51	61.93	56.82	0	0	26.48	7.437	-0.003	12.29
12/31/2013 4:00	38542	7.207	66.08	8.5	11.74	3.682	61.13	15.12	8.16	32.43	29.75	64.62	60.7	0	0	26.47	7.437	0	12.25
12/31/2013 5:00	38543	4.951	328.5	47.81	11.74	2.925	332	47.86	9.95	31.47	28.96	68.46	63.8	0	0	26.46	7.437	0	12.22
12/31/2013 6:00	38544	2.844	25.89	18.24	6.368	0.608	18.28	20.36	4.578	30.99	26.62	69.67	67.98	0	0	26.43	7.437	0	12.52
12/31/2013 7:00	38545	2.14	340.4	28.19	4.578	0.553	270.2	27.56	2.789	29.73	23.38	72.9	72.72	0	0	26.42	7.438	0.001	12.75
12/31/2013 8:00	38546	2.759	337.3	13.98	4.578	0.376	108.9	24.92	4.578	29.91	22.81	73.78	74.97	0	1.526	26.41	7.436	-0.002	12.23
12/31/2013 9:00	38547	1.064	281.6	10.82	6.368	0.986	224.1	31.95	4.578	32.59	28.93	69.33	68.72	0	97.4	26.42	7.437	0.001	12.31
12/31/2013 10:00	38548	2.604	283.4	41.53	6.368	1.958	281.3	37.12	4.578	39.73	40	56.96	51.29	0	278.4	26.49	7.43	-0.007	12.45
12/31/2013 11:00	38549	7.142	209.9	12.94	13.52	5.517	212.2	15.79	11.74	43.64	44.29	51.14	45.14	0	441.1	26.58	7.414	-0.016	12.42
12/31/2013 12:00	38550	10.87	199.1	10.86	17.1	8.02	201.9	14.39	13.52	46.79	47.98	47.48	41.72	0	559.2	26.59	7.407	-0.007	12.48
12/31/2013 13:00	38551	12.64	202.9	11.52	18.89	9.22	204.4	14.32	15.31	49.41	50.7	44.59	39.36	0	620.3	26.57	7.391	-0.016	12.47
12/31/2013 14:00	38552	13.81	210.2	10.84	20.68	10.25	211.5	13.3	17.1	51.62	52.86	39.78	35.56	0	618.4	26.53	7.388	-0.003	12.36
12/31/2013 15:00	38553	14.81	206.8	10.44	22.47	10.6	208	13.29	18.89	53.65	54.89	35.41	31.56	0	552.5	26.5	7.375	-0.013	12.39
12/31/2013 16:00	38554	13.74	209.1	10.05	22.47	9.9	209.9	12.81	17.1	55.3	56.21	32.42	28.96	0	429.4	26.47	7.362	-0.013	12.63

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
12/31/2013 17:00	38555	13.86	206	8.87	22.47	9.71	206.9	12.46	17.1	56.27	56.8	29.84	26.77	0	261.2	26.45	7.359	-0.003	12.54
12/31/2013 18:00	38556	10.49	201.8	7.547	17.1	6.853	202.7	11.46	13.52	53.97	53.46	33	30.79	0	69.53	26.42	7.353	-0.006	12.56
12/31/2013 19:00	38557	9.45	191.1	7.08	13.52	5.111	189.7	13.53	9.95	48.38	46.52	40.67	39.47	0	0.561	26.37	7.352	-0.001	12.22
12/31/2013 20:00	38558	6.563	199	7.116	9.95	3.02	201.4	12.71	6.368	45.83	42.89	45.96	45.4	0	0.001	26.34	7.352	0	12.3
12/31/2013 21:00	38559	6.738	204.9	7.981	9.95	2.998	205.6	13.51	6.368	43.43	39.99	50.53	50.29	0	0	26.32	7.355	0.002	12.12
12/31/2013 22:00	38560	5.526	201.3	8.69	8.16	2.197	195.4	17.49	4.578	40.98	38.03	56.94	54.57	0	0	26.3	7.352	-0.003	12.26
12/31/2013 23:00	38561	5.74	213.8	6.938	8.16	2.443	210	15.41	4.578	38.88	35.57	63.19	60.73	0	0	26.27	7.352	0	12.14
1/1/2014 0:00	38562	4.985	213.5	8.38	8.16	1.682	213.6	12.57	6.368	36.12	33.5	70.63	65.74	0	0	26.26	7.352	0.001	12.75
1/1/2014 1:00	38563	4.851	207.3	14.75	8.16	1.98	201.5	33.01	4.578	34.79	32.25	75.55	69.78	0	0	26.24	7.351	-0.002	12.21
1/1/2014 2:00	38564	5.169	222.9	12.95	8.16	2.393	244.6	19.15	4.578	34.39	31.6	79.13	73.03	0	0	26.21	7.351	0	12.28
1/1/2014 3:00	38565	5.243	245.1	17.73	8.16	2.379	264.4	26.3	4.578	33.65	30.29	82.1	75.8	0	0	26.2	7.351	0	12.25
1/1/2014 4:00	38566	6.37	276.1	16.88	9.95	3.236	291.7	19.41	6.368	33.61	29.86	83.1	77.66	0	0	26.18	7.351	0	12.23
1/1/2014 5:00	38567	4.559	245.1	12.15	6.368	0.711	277	20.33	4.578	34.26	30.02	80.3	77.71	0	0	26.17	7.351	0	12.26
1/1/2014 6:00	38568	4.172	228.6	32.01	6.368	0.476	154.4	16.88	4.578	32.45	29.39	82.4	76.68	0	0	26.16	7.351	0	12.62
1/1/2014 7:00	38569	3.698	218.5	13.23	6.368	0.268	274.2	5.818	2.789	31.48	29.05	84.9	77.93	0	0	26.16	7.351	0	12.24
1/1/2014 8:00	38570	3.259	192.6	18.74	6.368	0.402	146.8	15.25	4.578	30.28	27.79	86.2	79.23	0	1.51	26.16	7.351	0	12.23
1/1/2014 9:00	38571	5.155	218.7	26.91	9.95	2.648	233	34.59	8.16	32.53	30.99	80.1	73.22	0	91.3	26.17	7.354	0.003	12.37
1/1/2014 10:00	38572	7.084	237.4	11.87	11.74	5.816	234.6	13.47	9.95	39.26	39.06	68.68	61.77	0	278.4	26.24	7.354	0	12.36
1/1/2014 11:00	38573	7.973	250.2	11.8	13.52	6.822	246.3	13.46	11.74	49.29	49.05	45.61	43.04	0	442.1	26.32	7.319	-0.035	12.62
1/1/2014 12:00	38574	13.72	270.6	10.75	18.89	10.92	266.9	13.38	17.1	58.9	59.21	26.11	24.38	0	561.4	26.36	7.286	-0.033	12.56
1/1/2014 13:00	38575	13.67	266.5	14.22	20.68	11.22	263.6	16.87	18.89	62.74	63.08	21.61	19.49	0	623.4	26.36	7.285	-0.002	12.5
1/1/2014 14:00	38576	16.09	291.5	13.27	26.05	13.17	290.1	16.5	24.26	64.73	65.14	19.27	16.86	0	621.2	26.35	7.284	-0.001	12.67
1/1/2014 15:00	38577	15.36	289.5	12.76	26.05	12.45	287.5	15.92	24.26	66.92	67.28	18.49	16.2	0	555.5	26.34	7.284	0	12.65
1/1/2014 16:00	38578	21.93	320.4	10.75	34.99	17.75	320.4	11.92	29.63	67.23	67.32	17.89	15.64	0	431.1	26.34	7.284	0	12.61
1/1/2014 17:00	38579	16.74	317.7	10.15	27.84	13.32	317.7	10.55	22.47	66.89	66.76	18.53	16.42	0	266.2	26.35	7.281	-0.003	12.78
1/1/2014 18:00	38580	10.71	331.9	7.501	18.89	8.31	330.8	8.63	17.1	64.75	63.75	20.44	19.04	0	71.03	26.35	7.203	-0.078	12.63
1/1/2014 19:00	38581	15.18	35.63	15.52	24.26	8.97	31.9	15.8	20.68	57.83	57.08	29.58	27.47	0	0.627	26.37	7.204	0.001	12.43
1/1/2014 20:00	38582	16.31	46.31	8.46	24.26	9.16	40.83	11.67	18.89	52.36	51.78	36.32	33.87	0	0.012	26.38	7.206	0.002	12.34
1/1/2014 21:00	38583	16.13	44.68	9.3	24.26	9.06	40.29	11.81	18.89	48.39	47.86	42.25	39	0	0.002	26.39	7.203	-0.003	12.15
1/1/2014 22:00	38584	16.57	42.48	8.53	24.26	9.26	38.25	10.55	18.89	45.55	45.12	48.02	43.55	0	0.001	26.41	7.175	-0.029	12.19
1/1/2014 23:00	38585	17.58	39.87	9.28	31.42	10.04	36.56	10.84	26.05	43.16	42.81	55.81	49.95	0	0	26.42	7.176	0.002	12.18
1/2/2014 0:00	38586	20.28	35.86	10.88	33.21	11.78	32.61	12.32	26.05	40.31	40.06	65.53	58.15	0	0	26.45	7.177	0.001	12.31
1/2/2014 1:00	38587	16.21	35.08	11.57	49.31	9.67	32.37	13.23	33.21	36.6	36.38	70.9	62.32	0	0	26.48	7.177	0	12.5
1/2/2014 2:00	38588	15.38	31.69	11.22	29.63	9.59	28.33	13.2	27.84	33.01	32.83	73.26	63.92	0	0	26.5	7.174	-0.003	13.17
1/2/2014 3:00	38589	11.05	24.91	11.38	20.68	7.429	21.95	12.95	18.89	31	30.83	77.84	67.47	0	0	26.51	7.176	0.002	12.25
1/2/2014 4:00	38590	10.52	19.01	11.31	17.1	7.88	15.56	13.18	17.1	29.38	29.23	81.9	70.73	0	0	26.51	7.173	-0.003	12.28
1/2/2014 5:00	38591	7.759	359.7	15.04	13.52	5.669	355.4	17.07	11.74	27.86	27.62	83.6	72.24	0	0	26.51	7.173	0	12.28
1/2/2014 6:00	38592	7.844	333.4	13.21	13.52	5.646	330	15.3	11.74	26.37	25.91	85.9	74.39	0	0	26.51	7.173	0	12.23
1/2/2014 7:00	38593	7.559	324	12.54	13.52	5.488	319	17.56	11.74	25.35	24.94	88	75.96	0	0	26.52	7.174	0.001	12.24
1/2/2014 8:00	38594	6.921	326.5	8.6	11.74	4.74	323.2	11.15	8.16	24.23	23.81	88.8	76.69	0	1.446	26.52	7.174	0.001	12.67
1/2/2014 9:00	38595	5.345	324.2	22.32	9.95	3.856	321.2	27.62	8.16	25.94	25.8	84.3	73.14	0	91.9	26.54	7.173	-0.001	12.29
1/2/2014 10:00	38596	8.56	0.079	9.72	13.52	6.432	356.6	12.76	11.74	32.35	32.93	70.81	62.05	0	285.4	26.59	7.174	0.001	12.25
1/2/2014 11:00	38597	5.856	17.95	24.33	9.95	4.508	13.33	26.39	9.95	37.01	37.86	59.18	52.48	0	450.4	26.66	7.159	-0.015	12.37
1/2/2014 12:00	38598	3.538	164.2	90.9	8.16	2.495	202.6	75.7	8.16	42.33	42.82	50.02	44.9	0	569.2	26.71	7.135	-0.024	12.6
1/2/2014 13:00	38599	4.758	195.4	56.36	9.95	3.884	192.8	58.71	9.95	44.46	44.6	47.12	42.48	0	631.7	26.72	7.128	-0.007	12.6

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/2/2014 14:00	38600	4.889	200.1	34.7	9.95	3.716	204.3	37.2	8.16	45.92	46.76	42.27	37.35	0	631.3	26.68	7.112	-0.016	12.56
1/2/2014 15:00	38601	5.923	208.7	36.13	13.52	4.598	209.9	39.99	9.95	47.72	48.42	37.77	33.64	0	565.2	26.66	7.099	-0.013	12.58
1/2/2014 16:00	38602	7.384	205.4	19.21	13.52	5.705	206.4	22.11	11.74	48.53	49.37	34.91	30.62	0	442.5	26.63	7.09	-0.009	12.75
1/2/2014 17:00	38603	9.76	190.4	14.94	15.31	6.787	192.5	18.41	11.74	48.55	49.55	34.81	30.48	0	273.7	26.6	7.087	-0.003	12.56
1/2/2014 18:00	38604	10	180.7	11.86	15.31	6.213	182.2	16.65	11.74	46.34	46.23	38.69	35.19	0	77.16	26.56	7.088	0.001	12.27
1/2/2014 19:00	38605	6.221	166.6	4.797	8.16	2.262	152.5	15.99	4.578	40.76	37.62	47.22	45.39	0	0.658	26.51	7.087	-0.001	12.3
1/2/2014 20:00	38606	6.707	164.4	5.147	8.16	2.36	141.7	10.64	4.578	37.58	33.45	54.03	52.99	0	0	26.47	7.085	-0.002	12.24
1/2/2014 21:00	38607	6.681	151	4.811	8.16	2.717	123.9	8.29	4.578	34.77	31.4	60.24	57.85	0	0	26.45	7.087	0.002	12.26
1/2/2014 22:00	38608	6.144	153.5	6.312	8.16	2.272	132.3	12.19	4.578	32.74	29.72	63.92	60.44	0	0	26.44	7.087	0	12.71
1/2/2014 23:00	38609	4.633	161.7	7.917	6.368	1.109	143.8	8.86	2.789	31.37	28.92	67.32	62.42	0	0	26.43	7.087	0	12.52
1/3/2014 0:00	38610	5.182	149.5	9.17	8.16	0.966	109.4	11.49	2.789	30.59	27.77	69.7	65.53	0	0	26.41	7.084	-0.003	12.21
1/3/2014 1:00	38611	5.006	134.4	10.31	8.16	1.989	91.7	12.92	4.578	30.83	28.36	69.44	64.58	0	0	26.39	7.087	0.003	13.08
1/3/2014 2:00	38612	3.589	143.2	12.19	6.368	0.167	93.9	5.614	2.789	29.94	27.52	71.94	66.65	0	0	26.38	7.087	0	12.21
1/3/2014 3:00	38613	3.266	152.5	27.85	4.578	0.634	83.2	8.01	2.789	30.76	28.47	70.63	65.34	0	0	26.37	7.087	0	12.22
1/3/2014 4:00	38614	3.774	191.7	13.96	6.368	0.005	176.1	0.328	2.789	30.69	28.18	71.46	66.55	0	0	26.35	7.087	0	12.24
1/3/2014 5:00	38615	4.771	192	12.14	8.16	1.558	209	10.74	4.578	29.48	27.28	75.24	69.09	0	0	26.33	7.087	0	12.25
1/3/2014 6:00	38616	5.037	198.7	12.56	8.16	1.349	199.3	11.61	6.368	31.16	28.29	72.23	68.35	0	0	26.31	7.087	0	12.51
1/3/2014 7:00	38617	4.848	202.4	8.79	9.95	1.363	199.8	11.17	4.578	31.22	28.39	72.35	67.95	0	0	26.31	7.087	0	12.21
1/3/2014 8:00	38618	5.596	197.6	8.12	8.16	2.355	204.1	13.58	4.578	29.78	27.24	75.8	70.07	0	1.479	26.3	7.087	0	12.24
1/3/2014 9:00	38619	5.472	186.5	9.04	11.74	2.917	185.2	13	8.16	31.03	30.29	74.93	66.7	0	98.4	26.31	7.087	0	12.24
1/3/2014 10:00	38620	12.45	187.6	8.57	18.89	8.3	190.5	13.91	15.31	36.7	37.32	64.92	56.78	0	283.4	26.35	7.085	-0.002	12.25
1/3/2014 11:00	38621	14.01	197.2	9.54	20.68	9.68	199.9	13.97	15.31	41.68	42.69	54.89	47.75	0	433.4	26.39	7.073	-0.012	12.19
1/3/2014 12:00	38622	14.25	200.5	10.37	18.89	10.03	202.8	14.03	17.1	45.55	46.87	48.45	42.24	0	549.8	26.4	7.068	-0.005	12.21
1/3/2014 13:00	38623	14.65	200.5	10.34	20.68	10.35	203	13.47	17.1	50.76	52.04	40.5	36.17	0	569	26.38	7.039	-0.029	12.29
1/3/2014 14:00	38624	17.32	202.3	9.46	26.05	12.29	204.3	12.71	20.68	54.33	55.64	37.28	33.44	0	616.9	26.35	7.033	-0.006	12.28
1/3/2014 15:00	38625	18.15	210.5	10.15	27.84	12.96	211.3	12.39	20.68	56.95	58.01	36.56	33.15	0	551.4	26.32	7.016	-0.016	12.38
1/3/2014 16:00	38626	18.24	209.5	9.1	26.05	12.9	210.4	11.92	22.47	58.96	59.84	35.09	32.09	0	443.1	26.31	6.993	-0.023	12.48
1/3/2014 17:00	38627	17.68	207.1	8.35	26.05	12.2	208.4	11.45	20.68	60.1	60.58	34.11	31.64	0	281.8	26.28	6.995	0.001	12.59
1/3/2014 18:00	38628	13.32	200.4	8.29	26.05	8.67	202	12.01	18.89	58.65	58.08	36.28	34.85	0	72.56	26.25	6.963	-0.032	12.62
1/3/2014 19:00	38629	9.06	180.2	13.16	13.52	4.449	182.2	17.8	9.95	52.27	49.79	42.45	42.34	0	0.685	26.21	6.964	0.001	12.44
1/3/2014 20:00	38630	10.05	182.5	13.3	15.31	5.798	186.4	17.6	9.95	47.8	46.43	45.81	43.41	0	0.003	26.17	6.965	0.001	12.23
1/3/2014 21:00	38631	8.06	201.4	6.214	13.52	4.473	205.8	11.09	8.16	44.03	42.29	51.56	48.67	0	0.001	26.14	6.963	-0.002	12.17
1/3/2014 22:00	38632	8.04	203.2	7.142	13.52	4.649	206.3	11.46	9.95	41.33	39.79	56.45	52.41	0	0	26.12	6.961	-0.002	12.27
1/3/2014 23:00	38633	7.105	210.7	11.42	11.74	3.94	215.2	16.47	8.16	39.97	38.49	59.73	55.02	0	0	26.11	6.961	0	12.26
1/4/2014 0:00	38634	5.751	225.4	11.12	8.16	3.022	238.5	15.04	6.368	37.56	35.49	64.64	59.86	0	0	26.1	6.961	0	12.22
1/4/2014 1:00	38635	5.55	244.3	6.581	11.74	2.617	266.5	13.33	4.578	35.96	33.01	68.41	64.34	0	0	26.08	6.962	0.001	12.51
1/4/2014 2:00	38636	6.37	238.9	6.954	9.95	3.002	258.3	15.13	4.578	34.56	31.31	71.6	67.57	0	0	26.05	6.96	-0.002	12.22
1/4/2014 3:00	38637	5.221	249.4	7.024	6.368	2.41	269.2	12.17	4.578	34.22	30.88	72.14	68.79	0	0	26.05	6.96	0	12.22
1/4/2014 4:00	38638	5.219	242.1	9.69	8.16	2.105	246.6	10.25	4.578	34.58	31.24	71.26	68.2	0	0	26.04	6.96	0	12.43
1/4/2014 5:00	38639	5.41	223.3	7.956	8.16	2.199	234	16.28	4.578	33.49	30.5	73.64	69.42	0	0	26.03	6.96	0	12.29
1/4/2014 6:00	38640	3.995	183.7	31.38	8.16	1.645	139.5	46.43	6.368	32.3	30.11	76.51	70.4	0	0	26.03	6.96	0	12.28
1/4/2014 7:00	38641	4.302	155.5	15.22	8.16	1.964	108.4	17.03	4.578	32.98	30.37	75.18	70.13	0	0	26.02	6.96	0	12.25
1/4/2014 8:00	38642	5.658	189.1	17.67	9.95	1.757	185.7	28.37	4.578	32.62	29.65	75.23	70.77	0	1.576	26.03	6.96	0	12.26
1/4/2014 9:00	38643	6.728	200.6	6.859	9.95	3.897	203.5	11.58	6.368	35.36	34.29	71.63	65.62	0	88.1	26.05	6.962	0.002	12.31
1/4/2014 10:00	38644	7.26	210.9	8.58	13.52	5.392	212.4	11.79	9.95	43	43.31	60.17	53.46	0	255.8	26.1	6.941	-0.022	12.26

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/4/2014 11:00	38645	8.07	223.5	13.1	13.52	6.385	223	14.39	11.74	49.83	50	48.73	44.71	0	333.3	26.16	6.913	-0.027	12.39
1/4/2014 12:00	38646	12.08	229.3	10.07	20.68	9.55	227.5	11.57	18.89	56.42	56.56	39.29	37.18	0	489.6	26.17	6.887	-0.027	12.44
1/4/2014 13:00	38647	13.91	233	12.66	22.47	11.15	230.6	12.74	20.68	59.12	59.05	34.05	32.39	0	339.5	26.15	6.884	-0.003	12.61
1/4/2014 14:00	38648	11.85	217.3	10.2	18.89	8.78	217.1	11.97	15.31	59.82	60.18	33.71	31.54	0	321.6	26.11	6.884	0	12.62
1/4/2014 15:00	38649	13.44	234.4	17.08	24.26	10.77	231.8	17.25	22.47	63.4	63.54	27.45	25.68	0	384.7	26.1	6.867	-0.017	12.55
1/4/2014 16:00	38650	16.08	242.3	9.52	26.05	13.01	239.4	10.74	20.68	65.24	64.96	21.94	20.21	0	247.5	26.09	6.867	0	12.75
1/4/2014 17:00	38651	12.99	236.8	9.54	24.26	10.27	234.3	10.42	22.47	64	63.41	22.21	20.5	0	118.8	26.08	6.849	-0.018	12.49
1/4/2014 18:00	38652	10.76	239	9.88	18.89	8.41	235.8	10.83	15.31	62.19	61.37	23.43	21.76	0	36.18	26.06	6.849	0	12.68
1/4/2014 19:00	38653	11.34	238.7	9.61	18.89	8.61	235.9	10.13	15.31	59.57	58.59	25.47	23.75	0	0.333	26.05	6.846	-0.003	12.51
1/4/2014 20:00	38654	9.25	234.8	21.89	18.89	6.416	235.9	29.54	15.31	56.17	54.82	29.43	28	0	0.092	26.04	6.847	0.001	12.5
1/4/2014 21:00	38655	7.455	261.1	13.75	11.74	4.497	264.5	19.19	8.16	54.74	52.07	31.33	31.53	0	0.024	26.03	6.848	0.001	12.44
1/4/2014 22:00	38656	7.066	273.9	9.06	9.95	3.74	283.9	20.4	6.368	53.96	49.85	32.43	34.51	0	0.014	26.04	6.848	0	12.4
1/4/2014 23:00	38657	5.383	255.7	16.2	9.95	1.875	230.3	30.26	8.16	52.68	46.07	33.52	38.84	0	0.003	26.04	6.848	0	12.13
1/5/2014 0:00	38658	23.94	23.57	28.45	42.15	15.55	20.36	25.93	34.99	39.31	38.43	65.37	58.38	0	0	26.09	6.847	-0.001	12.23
1/5/2014 1:00	38659	20.9	27.7	10.05	47.52	13.31	25.06	12.14	29.63	33.76	33.66	77.9	67.85	0	0	26.12	6.847	0.001	12.3
1/5/2014 2:00	38660	20.98	22.41	9.6	33.21	14.74	19.46	11.81	29.63	33.21	33.17	77.04	67.06	0	0	26.14	6.847	0	12.3
1/5/2014 3:00	38661	19.29	20	9.67	29.63	14.35	16.62	11.31	27.84	31.69	31.7	75.41	65.36	0	0	26.19	6.845	-0.002	12.27
1/5/2014 4:00	38662	17.99	15.78	10.41	29.63	13.56	13.3	12.29	26.05	29.8	29.73	71.3	61.83	0	0	26.21	6.846	0.001	12.22
1/5/2014 5:00	38663	13.85	19.13	9.4	24.26	10.47	16.9	10.7	20.68	27.71	27.63	69.25	59.63	0	0	26.21	6.846	0	12.33
1/5/2014 6:00	38664	12.26	4.61	10.36	18.89	9.04	1.381	12.67	15.31	26.26	26.18	72.24	62.02	0	0	26.23	6.843	-0.003	12.27
1/5/2014 7:00	38665	9.66	357.4	9.46	17.1	6.941	353.1	12.4	13.52	24.53	24.37	75.63	64.82	0	0	26.25	6.843	0	12.3
1/5/2014 8:00	38666	9.87	9.32	12.46	18.89	7.353	6.444	14.84	15.31	23.3	23.12	74.64	63.97	0	1.105	26.27	6.848	0.005	12.23
1/5/2014 9:00	38667	8.27	5.804	14.38	18.89	6.175	3.54	16.36	18.89	23.7	23.87	72.77	62.18	0	96.2	26.31	6.847	-0.001	13.14
1/5/2014 10:00	38668	11.08	14.98	12.85	18.89	8.25	12.08	15.29	17.1	25.41	25.97	65.94	56.33	0	274.1	26.38	6.849	0.002	12.29
1/5/2014 11:00	38669	9.12	5.316	15.53	15.31	7.032	2.686	17.79	15.31	27.7	28.57	60.41	51.63	0	433.8	26.44	6.847	-0.002	12.41
1/5/2014 12:00	38670	6.462	358.7	23.88	11.74	5.089	355.4	26.22	11.74	31.34	32.26	52.77	45.8	0	576.1	26.48	6.839	-0.009	12.85
1/5/2014 13:00	38671	5.588	18.63	33.48	11.74	4.264	16.3	36.53	9.95	34.92	35.82	44.42	39.34	0	626.2	26.49	6.838	-0.001	12.83
1/5/2014 14:00	38672	4.516	16.5	43.92	9.95	3.572	12.16	51.98	9.95	38.4	39.13	37.57	33.77	0	609.5	26.49	6.836	-0.001	12.78
1/5/2014 15:00	38673	5.349	349.3	48.56	11.74	4.295	345.9	51.21	11.74	39.06	39.79	35.63	31.35	0	509.5	26.48	6.836	0	12.79
1/5/2014 16:00	38674	5.968	20.54	50.7	15.31	4.589	16.2	52.99	17.1	39.42	39.98	34.22	29.9	0	364.2	26.47	6.834	-0.002	12.77
1/5/2014 17:00	38675	5.763	58.44	20.58	9.95	4.128	55.49	23.83	9.95	38.5	39.1	34.6	30.13	0	185.6	26.44	6.835	0.001	12.69
1/5/2014 18:00	38676	5.311	83.1	19.64	8.16	3.353	82.2	23.36	6.368	36.9	36.36	36.12	32.68	0	45.14	26.42	6.834	-0.002	12.57
1/5/2014 19:00	38677	6.663	96.4	7.67	9.95	3.459	90.9	9.27	6.368	33.25	30.49	40.65	39.77	0	0.335	26.4	6.834	0.001	12.37
1/5/2014 20:00	38678	6.943	105.3	6.673	9.95	3.872	90	11.23	6.368	30.41	27.86	46.68	44.06	0	0	26.4	6.833	-0.001	12.28
1/5/2014 21:00	38679	6.658	100.8	6.342	9.95	3.762	86	12.44	6.368	28.24	26.21	51.61	47.49	0	0	26.4	6.833	0	12.25
1/5/2014 22:00	38680	6.949	106	6.347	9.95	4.017	93.1	13.21	8.16	26.77	24.84	55.89	50.97	0	0	26.41	6.834	0	12.81
1/5/2014 23:00	38681	11.76	89.8	9.44	20.68	7.529	85.2	15.2	13.52	25.98	25.17	55.91	49.23	0	0	26.43	6.834	0	12.8
1/6/2014 0:00	38682	15.77	82.1	6.639	24.26	9.85	78.13	14.73	18.89	24.44	23.96	50.99	44.41	0	0	26.46	6.834	0.001	12.29
1/6/2014 1:00	38683	14.74	74.69	8.44	24.26	9.69	69.6	14.97	18.89	21.97	21.6	54.87	46.95	0	0	26.48	6.835	0.001	12.21
1/6/2014 2:00	38684	16.87	71.82	8.69	26.05	11.09	67.16	14.59	20.68	19.34	19.08	58.44	49.45	0	0	26.49	6.836	0.001	12.24
1/6/2014 3:00	38685	15.67	66.13	8.6	24.26	10.55	62.35	14.24	20.68	16.96	16.77	62.85	52.79	0	0	26.5	6.836	0	12.58
1/6/2014 4:00	38686	12.94	60.22	9.49	20.68	8.68	56.55	14.24	17.1	15.12	14.96	66.57	55.73	0	0	26.52	6.833	-0.003	12.41
1/6/2014 5:00	38687	10.04	68.59	9.81	18.89	6.826	64.49	15.55	15.31	13.23	13.02	69.4	58.04	0	0	26.52	6.835	0.002	12.63
1/6/2014 6:00	38688	9.3	50.7	10.45	15.31	5.607	44.19	13.85	11.74	12	11.89	73.06	60.86	0	0	26.52	6.835	0	12.54
1/6/2014 7:00	38689	9.19	50.13	10.2	15.31	5.365	42.39	14.04	9.95	11.35	11.26	75.22	62.6	0	0	26.53	6.835	0	12.84

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/6/2014 8:00	38690	6.656	48.81	10.75	11.74	4.055	44.77	14.68	9.95	10.8	10.64	77.15	64.33	0	0.64	26.55	6.835	0	12.92
1/6/2014 9:00	38691	7.523	50.31	12.3	11.74	4.549	45.37	15.94	8.16	11.62	11.89	75.5	63.1	0	82.5	26.57	6.835	0	13.15
1/6/2014 10:00	38692	7.165	68.23	15.04	13.52	5.155	63.92	21.17	9.95	15.03	16.37	66.33	55.12	0	301.5	26.62	6.836	0.001	12.85
1/6/2014 11:00	38693	5.735	106.1	23.98	11.74	4.417	101.3	30.66	9.95	19.35	20.86	54.94	45.77	0	476.7	26.69	6.835	0	12.37
1/6/2014 12:00	38694	7.563	153.1	24.59	13.52	5.539	156.7	29.4	11.74	22.05	23.57	48.63	39.79	0	602	26.71	6.834	-0.001	12.27
1/6/2014 13:00	38695	8.09	189.5	21.05	18.89	6.101	193.5	24.28	11.74	24.41	25.77	45.08	36.75	0	666.6	26.7	6.832	-0.002	12.23
1/6/2014 14:00	38696	7.904	203.3	20.19	13.52	6.051	205.6	25.89	11.74	26.8	28.02	41.15	33.72	0	664.6	26.67	6.835	0.003	12.36
1/6/2014 15:00	38697	7.654	192	28.2	15.31	5.744	191	31.1	11.74	28.91	29.93	39.08	32.35	0	595.7	26.65	6.835	0	12.34
1/6/2014 16:00	38698	8.89	192.7	21.53	17.1	6.459	194.4	25.44	13.52	29.91	31.05	37.7	30.99	0	470.4	26.64	6.835	0	12.23
1/6/2014 17:00	38699	10.07	182.2	13.75	15.31	7.126	184	18.1	13.52	30.22	31.36	37.24	30.63	0	297.2	26.62	6.836	0.001	12.27
1/6/2014 18:00	38700	9.1	186.2	9.28	13.52	5.837	188.4	14.45	11.74	29	29.2	39.03	33.24	0	85.2	26.59	6.834	-0.001	12.43
1/6/2014 19:00	38701	6.996	183.7	5.943	9.95	3.384	178.9	12.43	6.368	25.3	23.68	43.06	38.53	0	0.984	26.54	6.833	-0.001	12.26
1/6/2014 20:00	38702	6.608	185.2	4.91	8.16	2.562	163.2	11.88	4.578	22.59	19.21	47.22	44.41	0	0	26.51	6.835	0.002	12.23
1/6/2014 21:00	38703	5.049	187.3	8.08	8.16	1.39	157.9	15.59	4.578	21.41	18.41	48.81	45.75	0	0	26.5	6.836	0	12.62
1/6/2014 22:00	38704	4.512	176.3	11.51	6.368	1.58	140.3	8.43	2.789	20.48	17.72	50.48	46.72	0	0	26.48	6.833	-0.003	12.99
1/6/2014 23:00	38705	5.816	171.5	8.49	8.16	2.021	154	12.51	4.578	19.71	16.64	51.87	49.11	0	0	26.47	6.834	0.001	12.3
1/7/2014 0:00	38706	4.323	205.7	15.76	8.16	1.137	185.6	8.52	4.578	18.56	16.1	55.96	51.76	0	0	26.47	6.834	0.001	12.22
1/7/2014 1:00	38707	2.962	218	11	6.368	0	0	0	0	18.28	16.12	56.49	53	0	0	26.45	6.835	0.001	13.05
1/7/2014 2:00	38708	3.296	176	15.24	6.368	0.287	110.2	3.137	2.789	18.6	16.59	55.41	50.35	0	0	26.42	6.835	0	13
1/7/2014 3:00	38709	4.915	160.7	7.054	8.16	1.505	122.8	11.85	2.789	17.91	15.7	57.22	52.36	0	0	26.41	6.835	0	12.45
1/7/2014 4:00	38710	4.571	151.6	10.86	6.368	1.47	106.2	13.69	4.578	17.81	15.3	57.54	53.91	0	0	26.4	6.835	0	12.53
1/7/2014 5:00	38711	3.254	171.8	18.11	6.368	0	0	0	0	17.28	15.38	59.03	53.49	0	0	26.38	6.835	0	12.22
1/7/2014 6:00	38712	3.086	155.1	16.35	4.578	0.439	83.4	6.688	2.789	16.42	14.71	62.06	55.39	0	0	26.37	6.835	0	12.59
1/7/2014 7:00	38713	3.383	187.8	13.47	6.368	0.036	158.5	3.613	2.789	16.54	14.81	65.22	57.69	0	0	26.36	6.835	0	12.24
1/7/2014 8:00	38714	2.781	202.8	22.69	4.578	0.287	255.9	13.6	4.578	15.86	14.38	70.13	60.8	0	1.369	26.35	6.835	0	12.97
1/7/2014 9:00	38715	4.465	191.4	20.21	9.95	2.12	181	16.13	8.16	19.12	18.83	71.07	60.43	0	96.3	26.36	6.836	0.001	12.24
1/7/2014 10:00	38716	7.916	208.7	9.83	11.74	6.024	210.9	13.61	9.95	24.95	25.62	62.79	52.55	0	298.2	26.41	6.836	0	12.26
1/7/2014 11:00	38717	8.83	207.3	12.48	15.31	6.655	209.3	15.17	11.74	29.88	30.91	53.1	44.52	0	469.3	26.46	6.837	0.001	12.23
1/7/2014 12:00	38718	10.2	207.4	12.21	15.31	7.61	208.1	15.02	11.74	35.32	36.52	43.73	37.05	0	592.9	26.48	7.267	0.43	12.2
1/7/2014 13:00	38719	11.06	213.3	13.42	18.89	8.07	213.9	16.28	13.52	40.31	41.46	36.99	31.58	0	619.1	26.47	7.269	0.002	12.22
1/7/2014 14:00	38720	10.55	214.8	13.04	17.1	7.803	215.2	15.87	13.52	44.12	45.21	32.48	27.36	0	624.5	26.44	7.267	-0.001	12.3
1/7/2014 15:00	38721	10.21	215.4	15.41	17.1	7.533	215.1	17.56	13.52	47.01	47.94	30.12	25.24	0	581.1	26.42	7.271	0.003	12.44
1/7/2014 16:00	38722	11.69	202.6	10.44	17.1	8.42	203.2	13.88	13.52	46.63	47.55	30.34	25.44	0	371.9	26.4	7.267	-0.003	12.44
1/7/2014 17:00	38723	10.33	200.4	9.4	15.31	7.264	201.7	13.7	11.74	46.56	47.11	31.54	26.99	0	227.7	26.36	7.249	-0.018	12.48
1/7/2014 18:00	38724	8.73	194.6	8.2	15.31	5.43	194.1	13.73	13.52	45.96	45.35	33.7	30.17	0	80.9	26.33	7.215	-0.034	12.36
1/7/2014 19:00	38725	7.422	167.2	8.49	11.74	3.003	160.4	11.17	4.578	40.77	37.2	40.57	39.48	0	0.841	26.28	7.211	-0.004	12.28
1/7/2014 20:00	38726	6.898	162.8	6.983	9.95	2.305	151.4	13.2	4.578	37.46	33.33	46.38	45.23	0	0	26.25	7.212	0.001	12.17
1/7/2014 21:00	38727	6.459	191.2	17.18	9.95	2.879	200.1	21.57	6.368	35.23	32.39	51.38	48.53	0	0	26.23	7.213	0.001	12.24
1/7/2014 22:00	38728	6.235	197.3	15.4	8.16	2.636	205.6	21.47	6.368	32.1	29.62	56.86	52.57	0	0	26.21	7.211	-0.002	12.28
1/7/2014 23:00	38729	6.583	211.6	12.9	9.95	3.36	217.5	18.01	6.368	30.84	29.08	60.52	54.86	0	0	26.19	7.211	0	12.24
1/8/2014 0:00	38730	6.321	222.1	10.92	9.95	3.173	230.5	16.37	6.368	29.39	27.8	64.42	57.7	0	0	26.18	7.211	0	12.6
1/8/2014 1:00	38731	4.823	215.4	14.24	15.31	1.945	228.1	18.46	8.16	29.07	27.57	67.8	60.46	0	0	26.16	7.211	0	12.22
1/8/2014 2:00	38732	4.865	230	29.48	9.95	2.542	245.2	35.13	6.368	28.71	27.43	69.91	62.17	0	0	26.15	7.211	0	12.22
1/8/2014 3:00	38733	5.346	230.5	15.65	9.95	2.889	233.5	20.34	6.368	28.1	27.17	72.65	63.64	0	0	26.15	7.211	0	12.22
1/8/2014 4:00	38734	5.529	247.6	14.81	8.16	3.007	256.6	17.06	6.368	28.61	27.2	75.02	66.48	0	0	26.14	7.211	0	12.41

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/8/2014 5:00	38735	5.989	242.9	9.09	8.16	3.038	245.8	19.42	4.578	29.05	27.58	76.28	67.92	0	0	26.14	7.211	0	12.26
1/8/2014 6:00	38736	5.141	248.7	11.04	8.16	2.661	247	16.1	6.368	28.97	28.11	78.93	69.25	0	0	26.14	7.211	0	12.24
1/8/2014 7:00	38737	3.962	258.4	8.62	6.368	1.777	266.2	12.14	4.578	29.9	28.99	78.94	69.7	0	0	26.15	7.211	0	12.26
1/8/2014 8:00	38738	4.223	247.7	10.98	6.368	2.091	254	15.25	4.578	30.27	29.49	79.69	70.14	0	0.314	26.17	7.211	0	12.6
1/8/2014 9:00	38739	3.927	270.8	15.81	6.368	1.923	291.8	21.72	4.578	31.32	29.88	78.24	70.44	0	22.38	26.19	7.214	0.003	12.43
1/8/2014 10:00	38740	3.564	252	17.1	6.368	2.497	248.4	20.49	6.368	35.01	34.48	70.66	63.5	0	116.5	26.22	7.212	-0.002	12.24
1/8/2014 11:00	38741	4.989	258.6	13.2	8.16	4.087	254.5	16.39	8.16	40.34	40.27	59.44	53.14	0	312	26.25	7.214	0.002	12.71
1/8/2014 12:00	38742	6.328	262.3	15.21	11.74	5.157	259.3	19.41	9.95	51.44	51.8	40.54	37.2	0	576.8	26.33	7.211	-0.004	12.42
1/8/2014 13:00	38743	10.38	299.6	18.09	18.89	8.69	299.7	20.84	17.1	59.28	59.49	22.32	19.76	0	641.4	26.36	7.104	-0.106	12.31
1/8/2014 14:00	38744	6.831	292.4	30.91	15.31	5.645	292.4	34.52	13.52	62.53	62.86	18.21	15.29	0	641.7	26.35	6.961	-0.144	12.33
1/8/2014 15:00	38745	5.886	293.7	23.29	13.52	4.819	291.8	30.27	11.74	64.41	64.7	16.24	13.15	0	577.5	26.35	6.926	-0.035	12.73
1/8/2014 16:00	38746	5.318	267.1	26.63	11.74	4.355	263.2	31.81	9.95	65.32	65.51	15.54	12.4	0	454.2	26.36	6.894	-0.032	12.81
1/8/2014 17:00	38747	5.238	283.6	20.02	9.95	4.289	282	22.7	9.95	64.89	65.16	15.28	12.13	0	285.1	26.36	6.859	-0.035	12.78
1/8/2014 18:00	38748	3.207	285.5	17.05	6.368	1.997	288.7	18.42	6.368	62.96	62.21	16.28	13.66	0	83.2	26.34	6.845	-0.015	12.65
1/8/2014 19:00	38749	3.412	69.11	26.42	9.95	2.255	63.17	16.61	4.578	56.33	52.52	21.36	21.71	0	1.12	26.3	6.823	-0.021	12.53
1/8/2014 20:00	38750	7.165	75.02	15.83	9.95	3.015	64.88	18.71	4.578	52.04	45.45	24.97	28.06	0	0.001	26.27	6.803	-0.02	12.38
1/8/2014 21:00	38751	11.48	49.72	10.43	20.68	6.437	44.44	14.44	13.52	47.2	45.7	35.13	32.52	0	0	26.28	6.765	-0.038	12.36
1/8/2014 22:00	38752	13.12	51.96	10.17	20.68	7.638	47.29	14.77	15.31	42.09	41.42	46.5	41.95	0	0	26.29	6.748	-0.017	12.32
1/8/2014 23:00	38753	12.64	60.67	8.32	18.89	8.4	58.06	13.42	15.31	38.68	37.99	52.8	47.1	0	0	26.28	6.723	-0.025	12.22
1/9/2014 0:00	38754	13.15	55.44	9.28	24.26	8.36	51.79	13.75	17.1	36.34	35.78	57.37	50.71	0	0	26.27	6.72	-0.003	12.2
1/9/2014 1:00	38755	12.67	51.98	9.08	20.68	7.36	48.1	13.78	18.89	33.59	33.02	62.92	55.3	0	0	26.27	6.707	-0.013	12.17
1/9/2014 2:00	38756	14.88	46.63	7.975	22.47	8.11	39.84	11.53	17.1	31.76	31.36	66.62	58.08	0	0	26.25	6.709	0.001	12.16
1/9/2014 3:00	38757	13.59	47.56	8.71	20.68	7.478	41.3	12.76	15.31	29.7	29.3	70.78	61.46	0	0	26.24	6.71	0.001	12.22
1/9/2014 4:00	38758	12.27	39.84	10.03	18.89	6.919	36.24	11.21	15.31	29.13	28.8	72.27	62.59	0	0	26.24	6.71	0	12.22
1/9/2014 5:00	38759	8.64	15.16	11.61	15.31	6.388	11.93	12.81	13.52	26.94	26.7	76.87	66	0	0	26.25	6.71	0	12.23
1/9/2014 6:00	38760	8.42	14.43	12.24	13.52	6.11	11.17	14.6	13.52	26.04	25.71	79.2	68.06	0	0	26.23	6.71	0	12.21
1/9/2014 7:00	38761	8.29	14.29	13.49	15.31	5.964	9.78	16.66	11.74	25.54	25.26	80.2	68.88	0	0	26.23	6.71	0	12.23
1/9/2014 8:00	38762	5.107	354.1	14.6	9.95	3.438	343.2	17.72	8.16	24.55	24.1	82.6	70.99	0	1.452	26.23	6.707	-0.002	12.52
1/9/2014 9:00	38763	6.638	9.99	13.23	11.74	4.907	7.04	15.47	9.95	26.74	26.71	78.5	67.76	0	81.9	26.24	6.71	0.002	12.79
1/9/2014 10:00	38764	4.564	30.62	16.97	8.16	3.324	23.9	19.81	8.16	32.7	33.24	68.35	59.81	0	264.4	26.29	6.708	-0.002	12.27
1/9/2014 11:00	38765	5.994	152.5	31.42	11.74	4.366	153.4	35.7	9.95	39.44	40.43	59.31	51.33	0	388.1	26.36	6.693	-0.015	12.35
1/9/2014 12:00	38766	7.801	204.5	17.49	13.52	5.959	206.8	19.53	9.95	41.76	42.59	57.17	49.17	0	458.2	26.38	6.587	-0.106	12.31
1/9/2014 13:00	38767	8.05	210.8	11.93	11.74	6.164	211.4	15.17	11.74	44.89	45.63	54.01	46.99	0	480.7	26.33	6.561	-0.025	12.37
1/9/2014 14:00	38768	8.19	213.6	14.33	13.52	6.093	214.8	17.6	11.74	50.7	51.34	44.47	39.88	0	420.8	26.31	6.548	-0.014	12.25
1/9/2014 15:00	38769	9.76	211.6	11.16	15.31	7.278	212.2	13.87	13.52	54.28	55.11	38.03	34.43	0	479	26.29	6.525	-0.022	12.42
1/9/2014 16:00	38770	9.58	210.3	12.86	15.31	6.906	210.7	15.71	11.74	56.82	57.42	32.49	29.42	0	324	26.28	6.392	-0.133	12.58
1/9/2014 17:00	38771	8.75	196.2	9.67	13.52	6.091	198.2	13.72	11.74	57.49	57.84	30.89	28.04	0	209.5	26.26	6.275	-0.117	12.52
1/9/2014 18:00	38772	5.159	179.1	8.47	9.95	1.842	180	10.71	6.368	54.18	52.65	35.12	34.05	0	31	26.24	6.272	-0.003	12.3
1/9/2014 19:00	38773	4.9	181.8	7.054	8.16	0.533	182.3	5.289	4.578	51.49	48.03	38.6	39.22	0	0.445	26.2	6.264	-0.008	12.27
1/9/2014 20:00	38774	7.195	183.9	8.61	11.74	3.143	184.2	12.65	6.368	47.9	45.51	44.67	43.6	0	0.004	26.18	6.264	0	12.43
1/9/2014 21:00	38775	6.881	212.2	11.7	9.95	3.836	214.9	14.88	6.368	47.64	45.69	47.93	45.79	0	0.001	26.17	6.264	0	12.18
1/9/2014 22:00	38776	7.101	201.5	12.83	9.95	3.657	204.4	19.46	8.16	45.94	44.13	53.66	50.37	0	0.002	26.16	6.264	0	12.21
1/9/2014 23:00	38777	7.128	220.1	13.91	11.74	3.898	225.2	19.59	8.16	45.53	43.81	57.57	53.75	0	0.001	26.14	6.262	-0.003	12.18
1/10/2014 0:00	38778	6.526	237.2	15.07	9.95	3.994	242.2	21.39	8.16	43.99	42.89	61.84	56.58	0	0.001	26.14	6.263	0.001	12.13
1/10/2014 1:00	38779	4.672	248.8	22.35	13.52	2.346	251.3	32.71	6.368	45.12	43.75	63.88	58.92	0	0	26.14	6.255	-0.007	12.14

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/10/2014 2:00	38780	4.889	227.2	14.68	8.16	1.533	218.2	15.34	6.368	44.92	43.46	66.55	61.42	0	0.001	26.13	6.255	0	12.14
1/10/2014 3:00	38781	8.01	211.5	21.56	18.89	5.195	212	24.2	13.52	46.19	45.47	67.3	61.33	0	0.001	26.13	6.255	0	12.2
1/10/2014 4:00	38782	5.053	225.5	24.33	9.95	2.734	225.1	34.33	8.16	47.76	46.43	61.71	57.76	0	0.002	26.12	6.242	-0.013	12.14
1/10/2014 5:00	38783	6.128	230	13.75	9.95	2.655	227.9	15.52	6.368	47.17	44.79	61.92	59.59	0	0.002	26.11	6.242	0	12.15
1/10/2014 6:00	38784	6.748	231.5	11.08	9.95	3.509	236.6	15.71	6.368	44	42.49	69.22	63.93	0	0	26.09	6.239	-0.003	13
1/10/2014 7:00	38785	7.43	234.4	8.85	11.74	3.398	243.5	15.43	6.368	43.99	41.33	67.93	64.92	0	0	26.08	6.241	0.002	12.65
1/10/2014 8:00	38786	8.3	237.4	5.746	13.52	3.551	241	13.62	6.368	43.82	41.02	69.01	65.74	0	0.667	26.08	6.241	0	12.14
1/10/2014 9:00	38787	7.732	244.4	10.21	11.74	4.035	245.7	16.26	8.16	44.13	41.11	69.01	66.2	0	67.51	26.09	6.241	0	12.26
1/10/2014 10:00	38788	9.94	259.3	15.28	18.89	7.567	256.8	16.51	15.31	50.17	49.97	49.99	46.59	0	283.6	26.14	6.223	-0.018	12.26
1/10/2014 11:00	38789	16.31	276.2	10.04	29.63	12.78	272.8	13.27	24.26	56.81	57	29.89	27.79	0	451	26.2	6.205	-0.018	12.38
1/10/2014 12:00	38790	17.99	285.3	10.64	27.84	14.46	283	14.39	22.47	59.45	59.86	23.12	20.31	0	575.2	26.23	6.205	-0.001	12.57
1/10/2014 13:00	38791	20.53	293.2	10.49	34.99	16.61	292.9	13.68	29.63	61.15	61.65	18.55	15.33	0	642	26.22	6.176	-0.029	12.48
1/10/2014 14:00	38792	21.74	279.8	10.53	33.21	17.01	277	14.16	27.84	62.39	63.13	16.02	12.43	0	645.2	26.2	6.175	0	12.4
1/10/2014 15:00	38793	18.87	287.3	12.8	31.42	15.19	286.2	16.26	26.05	64.45	64.99	14.38	10.85	0	580.8	26.18	6.15	-0.026	12.39
1/10/2014 16:00	38794	18.9	272.4	12.86	31.42	14.73	269.3	15.58	27.84	64.97	65.44	14.05	10.53	0	458.9	26.18	6.124	-0.025	12.5
1/10/2014 17:00	38795	19.49	261.1	9.84	29.63	15.34	258.6	12.21	26.05	64.94	65.01	14.05	10.67	0	290.7	26.17	6.093	-0.031	12.55
1/10/2014 18:00	38796	15.72	251.5	8.15	27.84	11.99	249.7	10.74	24.26	63.22	62.59	15.48	12.42	0	89.2	26.15	6.091	-0.002	12.34
1/10/2014 19:00	38797	11.47	254.7	7.64	18.89	8.38	252.1	9.78	13.52	58.38	57.04	18.89	16.19	0	1.506	26.12	6.091	0	12.49
1/10/2014 20:00	38798	12.77	263.3	11.04	22.47	9.56	260.5	13.1	18.89	56.02	54.71	21.28	18.52	0	0.011	26.1	6.076	-0.015	12.26
1/10/2014 21:00	38799	12.56	286.3	11.65	22.47	9.53	285.4	14.75	18.89	54.94	53.78	22.89	19.98	0	0.007	26.12	6.077	0.001	12.42
1/10/2014 22:00	38800	7.56	292.1	10.57	11.74	4.594	295.4	21.04	8.16	50.33	47.47	27.11	25.86	0	0.001	26.14	6.077	0	12.17
1/10/2014 23:00	38801	8.17	301.2	11.11	13.52	4.853	297.3	20.41	9.95	47.71	44.3	30.7	30.07	0	0	26.15	6.074	-0.003	12.25
1/11/2014 0:00	38802	11.26	312.1	13.71	18.89	8.18	310.2	15.77	15.31	48.3	46.71	31.45	29.23	0	0	26.17	6.074	0	12.12
1/11/2014 1:00	38803	8.41	305.1	12.41	26.05	5.325	313.1	17.48	20.68	45.87	44.1	33.84	31.61	0	0	26.21	6.074	0	12.17
1/11/2014 2:00	38804	6.147	289.9	19.9	13.52	3.508	287	25.94	8.16	42.54	39.68	36.91	36.37	0	0	26.2	6.076	0.002	12.25
1/11/2014 3:00	38805	7.945	321.7	16.18	11.74	5.206	324.1	17.01	9.95	43.48	40.47	34.7	34.35	0	0	26.2	6.057	-0.019	12.23
1/11/2014 4:00	38806	5.868	250.2	71.45	9.95	3.399	226.2	72.59	6.368	41.22	37.03	37.44	38.76	0	0	26.22	6.057	0	12.33
1/11/2014 5:00	38807	3.549	208	68.26	8.16	1.945	97.4	72.79	4.578	39.7	34.15	39.5	42.92	0	0	26.24	6.057	0	12.21
1/11/2014 6:00	38808	4.684	337.3	27.89	8.16	2.518	4.056	53.78	6.368	42.06	35.75	36.08	41.13	0	0	26.24	6.057	0	12.24
1/11/2014 7:00	38809	3.509	287.9	38.19	8.16	1.873	291.8	58.79	6.368	37.4	30.84	43.53	48.89	0	0	26.25	6.059	0.001	13.12
1/11/2014 8:00	38810	2.596	304.8	31.57	8.16	1.623	86.4	74.11	4.578	35.41	28.45	47.61	55.04	0	1.387	26.26	6.056	-0.003	12.52
1/11/2014 9:00	38811	2.161	278.9	49.85	6.368	0.85	197.3	47.61	4.578	37.17	33.83	46.34	49.37	0	93.7	26.29	6.036	-0.02	12.24
1/11/2014 10:00	38812	2.403	307.8	39.49	8.16	1.495	306.2	31.97	6.368	47.8	47.99	34.72	31.92	0	287.5	26.38	5.97	-0.067	12.58
1/11/2014 11:00	38813	5.178	288.6	47.56	13.52	4.139	287.5	48.24	9.95	57.53	57.97	24.26	21.44	0	456.6	26.49	5.967	-0.003	12.41
1/11/2014 12:00	38814	8.16	212	11.9	15.31	6.267	212.8	15.32	11.74	58.36	59.16	24.11	20.45	0	581.3	26.53	5.937	-0.03	12.32
1/11/2014 13:00	38815	8.68	203.1	15.1	15.31	6.609	204	18.22	11.74	62.81	63.79	19.39	15.83	0	648.6	26.51	5.902	-0.035	12.52
1/11/2014 14:00	38816	10.78	209.6	11.85	18.89	8.01	210.5	14.92	15.31	64.52	65.66	17.27	13.6	0	652.7	26.48	5.902	0	12.6
1/11/2014 15:00	38817	12.54	212.5	14.38	18.89	9.07	212.7	17.57	15.31	66.13	67.19	15.67	12.05	0	591	26.46	5.892	-0.01	12.63
1/11/2014 16:00	38818	14.29	200.8	11.27	22.47	9.97	201.7	15.06	17.1	66.85	67.84	14.48	10.84	0	469.7	26.44	5.854	-0.038	12.35
1/11/2014 17:00	38819	11.41	196.5	10.68	20.68	7.939	197.9	14.53	17.1	67.33	68.05	15.41	12.04	0	299.9	26.41	5.839	-0.016	12.72
1/11/2014 18:00	38820	7.879	181.6	12.9	13.52	4.66	179.7	20.01	11.74	65.77	65.21	17.62	15.05	0	93.9	26.39	5.814	-0.025	12.58
1/11/2014 19:00	38821	7.215	153.5	9.83	11.74	2.794	123.5	24.53	6.368	60	55.14	22.23	23.16	0	1.556	26.34	5.815	0.001	12.14
1/11/2014 20:00	38822	5.746	193.3	24.09	11.74	2.251	179.2	45.05	6.368	55.91	51.43	25.52	26.24	0	0.002	26.29	5.814	-0.001	12.41
1/11/2014 21:00	38823	4.333	187	20.24	8.16	1.279	111.1	11.97	4.578	52.49	47.33	28.32	30.4	0	0.001	26.27	5.808	-0.006	12.13
1/11/2014 22:00	38824	4.523	169.9	17.38	8.16	1.349	126.4	15.73	4.578	49.47	45.77	31.49	31.65	0	0	26.26	5.799	-0.009	12.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/11/2014 23:00	38825	4.741	179.4	18.12	8.16	1.174	140.4	32.35	4.578	48.4	43.89	32.33	33.43	0	0	26.25	5.8	0.001	12.38
1/12/2014 0:00	38826	8.5	181.3	17.47	13.52	3.414	167.5	22.41	8.16	45.83	41.45	36.47	38.26	0	0	26.23	5.8	0	12.42
1/12/2014 1:00	38827	9.54	173	6.299	20.68	4.228	166.9	13.52	11.74	45.88	42.26	36.93	37.62	0	0	26.2	5.794	-0.006	12.34
1/12/2014 2:00	38828	9.23	174	8.91	13.52	4.363	171.9	18.78	8.16	43.71	41.15	40.84	39.76	0	0	26.18	5.794	0	12.18
1/12/2014 3:00	38829	6.088	197.7	15.88	9.95	2.642	201.8	30.36	4.578	40.52	37.68	47.85	46.02	0	0	26.16	5.794	0	12.3
1/12/2014 4:00	38830	7.097	197	12.81	11.74	3.156	199.2	19.58	6.368	39.59	36.41	50.29	49.06	0	0	26.14	5.794	0	12.3
1/12/2014 5:00	38831	6.43	198.2	12.01	9.95	2.784	200.4	29.66	6.368	37.45	34.42	54.82	52.45	0	0	26.12	5.794	0	12.23
1/12/2014 6:00	38832	2.724	189.7	22.83	6.368	0.844	101	41.05	4.578	36.03	33.58	57.95	54.51	0	0	26.1	5.794	0.001	12.37
1/12/2014 7:00	38833	4.062	191.7	17.94	6.368	0.721	108.8	11.26	4.578	36.74	32.73	56.03	56.04	0	0	26.08	5.796	0.001	13.13
1/12/2014 8:00	38834	4.625	234.2	27.33	9.95	1.481	257.5	10.07	4.578	35.13	32.17	59.51	56.51	0	1.41	26.08	5.792	-0.003	12.35
1/12/2014 9:00	38835	6.032	220.3	14.71	13.52	3.065	231.1	18.37	9.95	37.37	35.93	56.83	52.25	0	94.5	26.09	5.775	-0.017	12.42
1/12/2014 10:00	38836	12.15	201.8	9.59	20.68	8.55	204.3	12.44	15.31	50.16	50.37	36.79	33.67	0	289.1	26.16	5.76	-0.015	12.43
1/12/2014 11:00	38837	14.89	205.4	8.54	22.47	10.55	206.3	12.13	17.1	54.5	55.29	32.23	28.71	0	459.9	26.23	5.761	0.001	12.77
1/12/2014 12:00	38838	14.98	215.7	10.27	24.26	10.68	216	13.26	18.89	61.27	62.09	25.62	22.54	0	583.3	26.27	5.738	-0.023	12.64
1/12/2014 13:00	38839	19.38	228.4	12.41	31.42	13.09	228.1	15.65	26.05	68.94	69.46	18.77	16.43	0	647.5	26.26	5.712	-0.026	12.93
1/12/2014 14:00	38840	20.64	238.6	11.47	33.21	14.05	237.8	14.42	24.26	72.93	73.24	14.89	12.79	0	647.7	26.23	5.686	-0.025	12.92
1/12/2014 15:00	38841	20.93	253.5	15.86	34.99	15.51	251.9	17.13	27.84	74.79	75.11	11.3	9.01	0	572	26.21	5.686	0	12.85
1/12/2014 16:00	38842	21.36	270.6	11.06	33.21	16.57	267.4	13.79	29.63	73.56	73.8	10.91	8.31	0	435.6	26.2	5.661	-0.025	12.59
1/12/2014 17:00	38843	19.72	272.3	9.78	29.63	15.19	269.6	12.59	26.05	71.73	71.63	11.92	9.29	0	224.6	26.19	5.626	-0.035	12.8
1/12/2014 18:00	38844	15.25	263.6	10.65	26.05	11.75	260.5	12.92	22.47	68.48	67.64	14.31	11.93	0	46.1	26.17	5.627	0.001	12.84
1/12/2014 19:00	38845	13.02	262.1	9.55	24.26	9.97	259.2	11.72	20.68	65.36	64.3	16.22	13.76	0	1.709	26.17	5.6	-0.028	12.51
1/12/2014 20:00	38846	11.42	258.6	8.46	17.1	8.5	256.2	10.91	13.52	61.76	60.54	20	17.62	0	0.042	26.17	5.6	0	12.8
1/12/2014 21:00	38847	10.6	240.9	9.66	17.1	6.623	241.2	11.92	13.52	58.39	57.33	22.81	20.13	0	0.02	26.16	5.584	-0.015	12.56
1/12/2014 22:00	38848	7.697	263.9	16.37	11.74	4.803	264.2	20.55	8.16	53.13	51.13	28.03	26.16	0	0.003	26.17	5.585	0.001	12.54
1/12/2014 23:00	38849	14.35	320.6	14.12	31.42	10.91	321.9	16.18	27.84	54.5	52.86	26.16	24.07	0	0	26.21	5.576	-0.009	12.54
1/13/2014 0:00	38850	15.2	331.8	7.388	26.05	12.34	330.8	9.02	22.47	52.81	51.92	26.76	23.64	0	0	26.24	5.573	-0.003	12.76
1/13/2014 1:00	38851	19.01	331.4	8.07	51.1	15.54	330	9.11	36.78	50.37	49.6	24.16	20.5	0	0	26.25	5.573	0	12.44
1/13/2014 2:00	38852	17.18	330.4	9.72	29.63	13.86	329.4	10.35	27.84	48.75	48.09	20.81	16.44	0	0	26.27	5.554	-0.019	12.57
1/13/2014 3:00	38853	13.94	337.1	13.86	24.26	10.77	335.5	15.04	22.47	46.69	45.94	20.76	16.16	0	0	26.3	5.535	-0.019	12.45
1/13/2014 4:00	38854	16.96	333.2	8.65	29.63	13.84	331.6	9.74	24.26	44.55	43.85	22.37	17.59	0	0	26.31	5.533	-0.002	12.31
1/13/2014 5:00	38855	16.24	329.5	8.83	26.05	13.16	328.5	9.65	22.47	43.23	42.56	23.35	18.45	0	0	26.32	5.533	0.001	12.37
1/13/2014 6:00	38856	14.92	324.1	7.432	24.26	11.76	324.2	8.46	18.89	41.66	40.96	25.3	20.43	0	0	26.33	5.533	0	12.19
1/13/2014 7:00	38857	14.33	327.8	7.25	22.47	11.56	327.2	8.36	17.1	40.79	40.06	26.79	21.99	0	0	26.33	5.533	0	12.35
1/13/2014 8:00	38858	13.02	323	7.342	20.68	10.09	323.5	8.02	18.89	39.64	38.81	28.53	23.88	0	1.408	26.35	5.521	-0.013	12.3
1/13/2014 9:00	38859	13.63	320.7	9.23	20.68	10.74	321.1	10.47	18.89	39.69	39.16	28.99	24.04	0	99.1	26.37	5.499	-0.022	12.48
1/13/2014 10:00	38860	15.71	316.2	8.5	27.84	12.64	316.7	9.28	26.05	42.66	42.66	26.56	21.37	0	305	26.42	5.491	-0.008	12.53
1/13/2014 11:00	38861	20.75	321.9	8.85	31.42	16.83	321.9	9.84	26.05	47.85	48.13	21.58	16.44	0	477.3	26.46	5.474	-0.017	12.37
1/13/2014 12:00	38862	19.53	325.5	9.46	27.84	16.02	324.7	10.35	24.26	50.54	51.16	18.82	13.61	0	604.9	26.49	5.467	-0.007	12.68
1/13/2014 13:00	38863	16.91	313.8	11.83	26.05	13.92	314.3	12.46	22.47	52.96	53.6	16.13	10.9	0	670.6	26.49	5.447	-0.019	12.66
1/13/2014 14:00	38864	16.5	307.6	11.78	26.05	13.69	307.5	14.15	22.47	54.13	54.85	15.57	10.32	0	669.6	26.47	5.422	-0.025	12.75
1/13/2014 15:00	38865	15.4	304.6	13.74	31.42	12.58	304.7	16.6	26.05	56.33	56.99	14.49	9.4	0	598.3	26.46	5.406	-0.016	12.63
1/13/2014 16:00	38866	16.13	306.9	14.52	24.26	13.11	306.2	16.44	20.68	58.12	58.61	13.32	8.39	0	476.9	26.45	5.349	-0.057	12.87
1/13/2014 17:00	38867	14.22	304.7	15.37	24.26	11.58	304.7	17.15	20.68	59.35	59.57	12.92	8.26	0	306.2	26.43	5.34	-0.009	12.91
1/13/2014 18:00	38868	10.32	259.4	18.36	17.1	6.427	260.7	22.53	15.31	58.27	58.07	13.06	8.5	0	101.4	26.41	5.324	-0.016	13
1/13/2014 19:00	38869	6.083	230	9.11	9.95	2.056	226.4	20.43	4.578	51.98	48.57	16.78	14.25	0	1.893	26.37	5.315	-0.008	12.25

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/13/2014 20:00	38870	3.522	208.2	39.34	8.16	0.954	19.24	44.28	4.578	48.27	44.11	18.92	17.26	0	0	26.33	5.313	-0.002	12.34
1/13/2014 21:00	38871	1.479	290.9	33.6	4.578	0.802	32.06	22.17	4.578	46.56	41.72	20.07	21.32	0	0	26.32	5.315	0.002	12.25
1/13/2014 22:00	38872	3.257	253.3	51.67	6.368	0.84	275.4	43.22	4.578	45.77	37.54	21.42	27.85	0	0	26.3	5.315	0	12.21
1/13/2014 23:00	38873	3.082	267.5	30.03	6.368	0.818	66.95	48.92	4.578	41.14	34.99	27.02	31.06	0	0	26.28	5.315	0	12.65
1/14/2014 0:00	38874	4.038	261.2	16.51	6.368	0.955	309.4	10.12	4.578	41.46	36.29	25.98	27.7	0	0	26.27	5.315	0.001	12.5
1/14/2014 1:00	38875	4.037	273.8	20.48	9.95	1.21	296.4	12.88	6.368	40.82	35.88	27.44	28.07	0	0	26.26	5.315	0	12.31
1/14/2014 2:00	38876	6.007	305.3	10.61	11.74	2.92	312.9	8.49	8.16	39.66	35.27	30.09	30.58	0	0	26.25	5.315	0	12.32
1/14/2014 3:00	38877	7.924	307.2	9.5	11.74	4.475	307.8	15.06	8.16	38.76	36.32	32.14	30.22	0	0	26.24	5.312	-0.004	12.23
1/14/2014 4:00	38878	8.26	307.9	5.659	9.95	4.078	316.6	11.28	6.368	38.87	34.09	32.12	33.58	0	0	26.24	5.312	0.001	12.4
1/14/2014 5:00	38879	7.128	289.8	9.46	9.95	3.521	293.3	23.84	6.368	38.5	33.78	32.35	33.36	0	0	26.23	5.315	0.003	12.25
1/14/2014 6:00	38880	6.612	303.5	8.01	9.95	3.109	292.3	17.41	6.368	36.13	32.77	36.95	35.89	0	0	26.22	5.313	-0.002	12.29
1/14/2014 7:00	38881	10.42	304.4	6.657	15.31	7.32	302.5	7.954	11.74	37.01	35.39	36.74	33.88	0	0	26.24	5.309	-0.004	12.34
1/14/2014 8:00	38882	11.16	307	7.295	17.1	8.06	303.7	8.7	13.52	38.32	37.01	38.3	34.89	0	1.488	26.27	5.305	-0.004	12.37
1/14/2014 9:00	38883	11.47	312.3	8.55	17.1	8.69	311.6	9.39	15.31	42.77	41.75	35.56	32.16	0	97.4	26.31	5.292	-0.013	12.25
1/14/2014 10:00	38884	17.6	337.4	16.13	34.99	13.84	335.9	15.78	27.84	48.15	48	30.18	26.32	0	300	26.4	5.278	-0.014	12.6
1/14/2014 11:00	38885	21.69	18.58	12.25	33.21	15.63	15.71	14.19	31.42	50.76	50.98	29.58	25.52	0	470	26.49	5.267	-0.011	12.54
1/14/2014 12:00	38886	19.33	32.12	12.3	29.63	12.19	28.88	13.49	26.05	53.95	54.45	28.9	25.09	0	591	26.52	5.26	-0.007	12.77
1/14/2014 13:00	38887	18.32	37.61	13.31	29.63	11.15	32.62	14.67	24.26	56.45	57.22	25.98	22.19	0	657.3	26.54	5.238	-0.022	12.77
1/14/2014 14:00	38888	15.47	35.11	13.63	29.63	9.74	31.14	14.57	26.05	57.64	58.55	24.06	20.23	0	654.7	26.54	5.237	-0.001	12.82
1/14/2014 15:00	38889	13.11	26.63	16.44	22.47	8.86	22.98	18.51	18.89	58.59	59.49	22.28	18.39	0	588.4	26.56	5.215	-0.022	12.95
1/14/2014 16:00	38890	10.51	24.78	15.08	22.47	7.327	20.82	17.4	17.1	59.3	60.02	21.23	17.43	0	470.5	26.57	5.212	-0.003	12.89
1/14/2014 17:00	38891	10.8	33.09	17.33	18.89	6.929	29.08	19.3	15.31	58.86	59.44	22.04	18.37	0	297.3	26.58	5.202	-0.009	12.92
1/14/2014 18:00	38892	10.68	37.58	10.67	18.89	6.218	34.58	11.98	13.52	56.95	56.93	23.86	20.42	0	99.1	26.58	5.194	-0.009	12.66
1/14/2014 19:00	38893	8.59	44.66	9.1	15.31	4.666	40.62	12.52	9.95	52.52	51.62	28.44	25.21	0	2.138	26.57	5.194	0.001	12.29
1/14/2014 20:00	38894	10.52	58.31	8.18	17.1	6.901	56.46	12.96	13.52	47.42	46.49	36.56	33.17	0	0.001	26.56	5.195	0.001	12.65
1/14/2014 21:00	38895	13.07	61.43	8.24	20.68	8.46	58.18	13.52	17.1	43.98	43.24	44.93	40.48	0	0	26.56	5.192	-0.003	12.35
1/14/2014 22:00	38896	13.02	60.12	7.86	18.89	8.71	56.68	13.19	17.1	41.29	40.67	48.07	42.92	0	0	26.57	5.191	-0.002	12.36
1/14/2014 23:00	38897	13.58	59.56	8.5	20.68	9.04	56.27	13.12	17.1	39.07	38.52	50.88	45.09	0	0	26.57	5.191	0	12.73
1/15/2014 0:00	38898	12.08	57.18	9.14	18.89	7.799	54.01	13.99	15.31	36.83	36.24	54.11	47.71	0	0	26.58	5.191	0	12.38
1/15/2014 1:00	38899	9.7	47.16	9.16	22.47	5.355	41.49	12.89	13.52	34.62	34.06	58.14	50.97	0	0	26.57	5.188	-0.003	12.39
1/15/2014 2:00	38900	5.881	21	12.57	9.95	3.974	15.59	13.92	9.95	32.17	31.68	62.34	54.2	0	0	26.55	5.189	0.001	12.37
1/15/2014 3:00	38901	5.668	5.246	12.81	9.95	3.378	354.7	21.7	6.368	31.1	30.08	64.22	56.76	0	0	26.55	5.189	0.001	12.5
1/15/2014 4:00	38902	3.499	352.4	18.56	8.16	1.552	330.9	25.61	4.578	29.71	28.29	66.2	59.02	0	0	26.55	5.189	0	12.45
1/15/2014 5:00	38903	5.845	308.6	20.85	11.74	3.666	294.4	30.85	8.16	26.72	25.2	72.15	63.68	0	0	26.54	5.189	0	12.23
1/15/2014 6:00	38904	8.14	323.7	6.433	11.74	5.289	320.6	10.51	9.95	26.93	26.15	71.37	62.34	0	0	26.54	5.189	0	12.23
1/15/2014 7:00	38905	5.97	319.5	12.23	9.95	3.145	315.2	23.49	6.368	27.4	26.15	71.21	63.13	0	0	26.53	5.189	0	12.35
1/15/2014 8:00	38906	1.751	345.3	39.77	4.578	1.268	115.2	31.04	4.578	27.12	23.96	71.45	66.01	0	1.44	26.52	5.19	0.001	12.27
1/15/2014 9:00	38907	2.014	289.9	17.19	4.578	0.661	301.4	26.77	2.789	29.84	27.26	66.65	61.56	0	95.4	26.51	5.19	-0.001	12.19
1/15/2014 10:00	38908	4.183	233.4	29.81	11.74	2.996	227.6	26.4	8.16	38.12	38.71	51.78	44.92	0	299.5	26.58	5.177	-0.012	12.23
1/15/2014 11:00	38909	11.37	204	9.58	20.68	8.41	205.7	12.84	15.31	41.89	42.93	41.72	36.28	0	475.9	26.64	5.147	-0.03	12.18
1/15/2014 12:00	38910	15.24	206.3	11.14	22.47	10.93	208.1	13.75	18.89	44.96	46.34	38.65	33.36	0	599.8	26.64	5.121	-0.026	12.16
1/15/2014 13:00	38911	15.61	213.5	10.42	24.26	11.34	214.3	12.74	20.68	47.47	48.93	35.64	30.46	0	667.3	26.6	5.111	-0.01	12.14
1/15/2014 14:00	38912	15.06	215	10.88	22.47	11.05	215.2	13.57	20.68	49.69	51.12	32.91	27.85	0	670.6	26.56	5.092	-0.019	12.17
1/15/2014 15:00	38913	14.41	217.1	11.79	22.47	10.46	216.6	13.93	18.89	52.73	54.03	30.05	25.33	0	602.6	26.52	5.076	-0.016	12.19
1/15/2014 16:00	38914	13.33	219.9	11.03	20.68	9.61	219.4	14.01	17.1	55.74	56.67	26.74	22.55	0	489.4	26.49	5.064	-0.013	12.41

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/15/2014 17:00	38915	11.47	221.6	11.88	18.89	8.09	221.1	14.86	15.31	57.51	58.18	24.38	20.51	0	328.4	26.47	5.06	-0.003	12.49
1/15/2014 18:00	38916	9.1	210.3	8.86	15.31	6.074	210.9	11.98	13.52	56.32	56.06	25.79	22.61	0	104.2	26.43	5.06	0	12.39
1/15/2014 19:00	38917	9.3	194	7.551	13.52	4.579	193	13.73	8.16	49.89	47.32	33.08	31.67	0	2.31	26.37	5.062	0.001	12.12
1/15/2014 20:00	38918	6.377	209.1	4.939	8.16	2.62	209.9	9.92	6.368	47.78	44.19	36.19	36.13	0	0	26.33	5.059	-0.003	13.11
1/15/2014 21:00	38919	4.649	227	11.84	8.16	0.756	244.1	21.28	4.578	44.58	40.36	40.17	40.93	0	0	26.29	5.061	0.002	13.25
1/15/2014 22:00	38920	3.266	248	12.77	6.368	0	0	0	0	42.41	38.9	43.44	42.96	0	0	26.26	5.061	0	13.08
1/15/2014 23:00	38921	3.415	248.1	15.78	6.368	0.457	327.5	9.81	4.578	41.41	37.89	45.32	44.78	0	0	26.25	5.061	0	12.67
1/16/2014 0:00	38922	3.403	247.7	18.59	6.368	0.77	316.2	9.88	4.578	40.56	36.2	47.18	47.62	0	0	26.23	5.061	0	12.37
1/16/2014 1:00	38923	2.626	271.6	18.65	6.368	0.291	328.3	7.91	4.578	39.89	35.89	48.73	48.7	0	0	26.21	5.061	0	12.34
1/16/2014 2:00	38924	7.63	302.7	10.21	13.52	3.499	297.4	12.98	9.95	41.9	36.36	40.77	45.77	0	0	26.2	5.061	0	12.37
1/16/2014 3:00	38925	5.329	276.3	23.31	11.74	2.729	251.5	40.39	8.16	38.56	35.5	45.37	44.47	0	0	26.21	5.058	-0.004	12.35
1/16/2014 4:00	38926	6.112	287.1	15.86	13.52	2.452	279.7	36.04	9.95	38.39	34.17	44.27	45.53	0	0	26.2	5.058	0.001	12.48
1/16/2014 5:00	38927	12.56	311.1	8.84	20.68	9.28	310.4	9.69	17.1	43.85	42.4	34.87	32.95	0	0	26.19	5.051	-0.007	12.47
1/16/2014 6:00	38928	13.25	328.7	6.681	18.89	10.43	327.7	7.997	15.31	44.4	43.08	32.63	30.13	0	0	26.22	5.051	0	12.53
1/16/2014 7:00	38929	13.84	333.7	6.791	20.68	10.92	330.9	7.969	17.1	43.98	42.79	32.99	30.12	0	0	26.24	5.048	-0.003	12.26
1/16/2014 8:00	38930	12.04	335.3	7.941	18.89	9.19	332.1	8.77	15.31	41.44	40.24	37.23	34.17	0	1.585	26.27	5.048	0	12.3
1/16/2014 9:00	38931	9.27	6.397	16.44	18.89	5.398	1.643	25.68	17.1	41.18	40.68	40.37	36.32	0	97.8	26.29	5.051	0.003	13.1
1/16/2014 10:00	38932	15.66	41.65	13.7	27.84	9.16	37.01	14.18	20.68	46.3	46.52	35.47	31.68	0	299.1	26.35	4.999	-0.052	12.26
1/16/2014 11:00	38933	19.25	59.39	9.31	33.21	12.6	54.41	14.38	24.26	51.14	51.93	31.14	27.27	0	470.1	26.42	4.963	-0.036	12.18
1/16/2014 12:00	38934	21.15	66.51	9.88	33.21	14.09	61.75	15.14	26.05	55.61	56.93	27.15	23.24	0	636.4	26.46	4.946	-0.016	12.21
1/16/2014 13:00	38935	20.86	71.33	10.38	33.21	13.93	66.62	16.71	26.05	58.47	59.94	23.49	19.62	0	596.3	26.47	4.946	0	12.17
1/16/2014 14:00	38936	20.08	72.18	11.02	33.21	13.37	67.8	16.8	26.05	59.29	60.92	21.16	17.1	0	623.4	26.47	4.92	-0.026	12.58
1/16/2014 15:00	38937	18.01	74.86	12.93	27.84	12.13	70.95	18.4	22.47	60.18	61.8	20.62	16.53	0	580	26.47	4.901	-0.019	12.45
1/16/2014 16:00	38938	16.36	79.73	11.39	26.05	10.98	75.28	17.83	18.89	61.06	62.47	19.93	15.97	0	462.3	26.47	4.892	-0.01	12.35
1/16/2014 17:00	38939	14.19	91	10.53	24.26	9.82	88.4	17.24	18.89	60.75	61.71	19.3	15.48	0	300	26.46	4.844	-0.047	12.42
1/16/2014 18:00	38940	12.49	77.85	8.9	20.68	8.02	73.39	16.05	15.31	58.56	58.7	20.76	17.29	0	107.5	26.45	4.845	0	12.57
1/16/2014 19:00	38941	8.97	62.59	9.01	13.52	5.674	60.24	13.4	9.95	52.56	51.34	26.73	23.76	0	2.368	26.44	4.836	-0.009	12.3
1/16/2014 20:00	38942	10.34	67.12	5.831	15.31	5.992	66.03	13.47	9.95	47.06	45.08	32.27	29.87	0	0.001	26.42	4.834	-0.002	12.2
1/16/2014 21:00	38943	10.54	74.11	7.427	15.31	5.942	67.26	13.6	9.95	44.28	42.57	36.1	33.53	0	0	26.41	4.834	0.001	12.27
1/16/2014 22:00	38944	10.46	71.76	7.342	15.31	6.244	66.04	13.64	11.74	40.64	39.22	41.21	37.82	0	0	26.41	4.832	-0.002	12.31
1/16/2014 23:00	38945	10.7	75.69	7.245	15.31	6.384	66.8	13.62	11.74	38.35	37.07	45.61	41.26	0	0	26.41	4.832	0	12.74
1/17/2014 0:00	38946	10.38	76.65	7.48	15.31	6.145	68.35	14.36	11.74	37.43	36.05	48.41	43.75	0	0	26.41	4.832	0	12.42
1/17/2014 1:00	38947	10.71	77.65	7.208	22.47	6.253	68.66	14.12	13.52	36.97	35.47	50.05	45.34	0	0	26.41	4.829	-0.003	12.55
1/17/2014 2:00	38948	9.68	77.86	7.61	13.52	5.607	69.43	14.94	9.95	35.6	34.19	53.39	47.99	0	0	26.41	4.826	-0.003	12.42
1/17/2014 3:00	38949	9.98	68.03	6.421	13.52	6.031	62.48	12.33	9.95	34.07	32.6	56.58	50.83	0	0	26.41	4.826	0.001	12.43
1/17/2014 4:00	38950	8.91	45.97	14.28	17.1	5.31	43.22	15.83	13.52	33.92	32.95	57.42	50.94	0	0	26.43	4.827	0	12.42
1/17/2014 5:00	38951	7.78	30.03	10.31	13.52	4.296	31.76	13.14	11.74	32.65	32.03	59.69	52.19	0	0	26.44	4.827	0	12.56
1/17/2014 6:00	38952	6.154	35.49	9.64	9.95	2.939	34.08	9.52	6.368	32.34	31.32	59.83	52.86	0	0	26.43	4.827	0.001	12.68
1/17/2014 7:00	38953	6.77	41.93	10.21	13.52	3.389	45.4	15.96	11.74	32.93	31	58.24	53.19	0	0	26.43	4.824	-0.003	12.6
1/17/2014 8:00	38954	8.69	33.6	10.24	17.1	4.644	32	11	13.52	30.86	30.11	57.47	50.74	0	1.524	26.45	4.824	0	12.87
1/17/2014 9:00	38955	5.524	42.08	12.83	9.95	2.984	36.47	14.77	6.368	32.7	32.23	52	46.29	0	91	26.46	4.811	-0.013	12.59
1/17/2014 10:00	38956	8.08	93.1	20.96	15.31	5.732	89.5	25.74	11.74	39.88	40.66	39.53	34.99	0	287.1	26.52	4.793	-0.018	12.68
1/17/2014 11:00	38957	11.42	126.6	13.87	17.1	7.878	126.5	19.28	13.52	45.39	46.75	28.98	24.2	0	460.2	26.59	4.786	-0.008	12.69
1/17/2014 12:00	38958	12.07	162.7	18.71	22.47	8.43	164.4	23.07	15.31	48.14	49.68	25.83	20.63	0	584.9	26.61	4.775	-0.011	12.92
1/17/2014 13:00	38959	13.13	179.7	14.69	22.47	9.1	181.7	19.71	17.1	49.62	51.32	24.99	19.56	0	659	26.6	4.762	-0.013	13.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/17/2014 14:00	38960	13.37	189.6	14.09	22.47	9.32	192.4	18.12	17.1	51.63	53.31	24.12	18.77	0	665.9	26.57	4.75	-0.013	12.85
1/17/2014 15:00	38961	13.39	189.7	14.97	22.47	9.38	191.9	18.52	17.1	52.6	54.14	24.54	19.29	0	603.9	26.54	4.749	0	13.01
1/17/2014 16:00	38962	12.14	195.2	16.15	20.68	8.59	197.2	19.45	17.1	53.68	54.94	24.85	19.85	0	483	26.52	4.737	-0.013	13.32
1/17/2014 17:00	38963	10.17	194	16.87	17.1	7.162	195.8	20.07	13.52	54.2	55.17	25.59	20.93	0	314.6	26.5	4.728	-0.009	13.27
1/17/2014 18:00	38964	8.16	197.3	8.29	15.31	5.383	199.5	12.84	11.74	53.04	53.24	27.87	23.84	0	116.1	26.48	4.721	-0.006	13.24
1/17/2014 19:00	38965	6.01	164.9	17.28	8.16	2.589	140.1	28.85	4.578	47.9	44.65	32.9	31.66	0	2.841	26.43	4.723	0.001	13.02
1/17/2014 20:00	38966	6.62	151.4	12.38	8.16	2.372	111.2	14.4	4.578	44.79	39.81	35.99	37.51	0	0	26.38	4.72	-0.002	12.87
1/17/2014 21:00	38967	5.973	137.6	7.847	8.16	2.874	90.8	11.55	4.578	43.03	38.67	38.74	39.31	0	0	26.36	4.721	0.001	13.04
1/17/2014 22:00	38968	4.908	134.9	11.94	8.16	2.037	89.3	12.6	4.578	40.69	37.62	41.79	40.67	0	0	26.35	4.721	0	12.92
1/17/2014 23:00	38969	5.636	147.7	10.86	8.16	1.261	104.3	10.73	4.578	39.47	35.5	45.02	44.6	0	0	26.33	4.721	0	12.76
1/18/2014 0:00	38970	4.781	192.2	11.61	8.16	1.2	215.4	8.59	4.578	38.56	35.38	48.84	46.87	0	0	26.31	4.721	0	12.68
1/18/2014 1:00	38971	5.183	208.4	6.166	9.95	1.993	225.9	12.96	4.578	37.99	35.09	52.46	49.4	0	0	26.29	4.722	0	12.47
1/18/2014 2:00	38972	5.549	208.6	5.746	8.16	2.264	219.8	8.87	4.578	37.71	34.84	54.02	51.18	0	0	26.28	4.722	0	12.8
1/18/2014 3:00	38973	5.828	210.9	20.73	9.95	2.725	222.8	36.91	4.578	36.97	33.99	57.45	54.2	0	0	26.27	4.722	0	12.58
1/18/2014 4:00	38974	4.272	244	14.97	6.368	1.696	288.9	19.6	4.578	36.25	32.94	58.33	55.81	0	0	26.27	4.722	0	12.56
1/18/2014 5:00	38975	4.314	279.6	7.265	6.368	2.527	313	6.661	4.578	35.81	31.48	60	58.63	0	0	26.25	4.723	0.001	12.65
1/18/2014 6:00	38976	4.102	271.9	21.43	6.368	2.245	303.1	18.85	4.578	35.13	30.74	62.03	60.83	0	0	26.23	4.723	0	12.23
1/18/2014 7:00	38977	6.081	284.6	9.65	8.16	2.993	293.8	9.6	4.578	33.79	28.77	65.18	63.91	0	0	26.23	4.723	0	12.89
1/18/2014 8:00	38978	6.921	294.2	6.074	9.95	3.667	303.8	8.52	6.368	33.62	28.64	65.49	64.87	0	1.579	26.24	4.723	0	12.74
1/18/2014 9:00	38979	5.698	301.1	12.68	11.74	3.278	281.1	23.26	8.16	35.49	32.93	62.26	58.5	0	100.9	26.26	4.722	-0.001	12.24
1/18/2014 10:00	38980	9.23	310.6	9.31	15.31	7.62	310.2	10.18	13.52	42.38	42.27	48.7	44.04	0	307.3	26.33	4.695	-0.028	12.17
1/18/2014 11:00	38981	12.25	312.2	9.91	22.47	10.16	312.3	11.31	20.68	52.43	52.44	31.37	28.6	0	474.9	26.41	4.677	-0.017	12.94
1/18/2014 12:00	38982	13.44	316.3	11.88	20.68	11.2	316.5	12.39	18.89	58.32	58.62	21	17.83	0	599.5	26.46	4.676	-0.001	12.92
1/18/2014 13:00	38983	11.92	328.3	14.87	20.68	10.1	326.4	15.31	18.89	60.48	61.01	19.53	16.22	0	669.6	26.47	4.675	-0.001	13.46
1/18/2014 14:00	38984	13.29	345.7	15.74	20.68	10.73	342.6	16.5	18.89	61.71	62.55	19.2	15.78	0	672.6	26.47	4.675	0	13.26
1/18/2014 15:00	38985	13.58	351.7	16.2	24.26	10.64	347.8	17.37	20.68	63.02	63.93	18.09	14.6	0	612.3	26.47	4.675	0	13.56
1/18/2014 16:00	38986	13.13	10.52	15.63	22.47	9.41	6.513	20.82	17.1	63.57	64.29	17.54	14.03	0	492	26.48	4.672	-0.003	13.43
1/18/2014 17:00	38987	12.96	25.29	13.83	20.68	7.986	22.49	22.15	17.1	63.38	63.99	17.65	14.23	0	319.1	26.49	4.666	-0.006	13.41
1/18/2014 18:00	38988	12.52	40.34	12.06	22.47	7.37	38.99	16.3	17.1	61.79	61.79	18.67	15.49	0	117	26.5	4.667	0.001	13.51
1/18/2014 19:00	38989	10.55	40.68	9.11	17.1	6.027	40.53	11.68	11.74	56.99	56.31	22.41	19.14	0	2.809	26.49	4.664	-0.003	13.16
1/18/2014 20:00	38990	13.2	42.55	8.61	18.89	7.475	41.1	11.29	15.31	54.09	53.36	25.2	21.85	0	0.011	26.47	4.665	0.001	13.09
1/18/2014 21:00	38991	10.4	46.56	8.84	17.1	5.9	45.42	11.78	11.74	50.98	49.9	28.24	25.14	0	0.004	26.47	4.663	-0.002	12.87
1/18/2014 22:00	38992	8.66	52.9	10.5	13.52	5.119	52.91	15.69	9.95	48.16	46.61	31.16	28.48	0	0.001	26.47	4.663	0	12.86
1/18/2014 23:00	38993	6.788	42.08	12.19	11.74	3.302	42.93	17.85	8.16	46.21	44.18	33.14	30.92	0	0	26.48	4.663	0	13.17
1/19/2014 0:00	38994	6.049	35.7	4.895	8.16	2.292	40.76	15.23	4.578	45.5	42.5	33.55	32.27	0	0	26.48	4.661	-0.002	12.91
1/19/2014 1:00	38995	2.999	3.243	32.05	8.16	1.292	267.7	65.72	4.578	41.88	35.05	37.98	40.67	0	0	26.46	4.661	0	13
1/19/2014 2:00	38996	4.113	331.1	27.78	8.16	2.026	303	57.12	4.578	37.96	31.05	44.22	47.9	0	0	26.44	4.658	-0.003	12.81
1/19/2014 3:00	38997	3.102	349.8	22.63	6.368	0.966	117	33.72	4.578	37.72	29.56	44.48	51.2	0	0	26.42	4.659	0.001	12.76
1/19/2014 4:00	38998	4.429	314.2	41.96	11.74	1.804	272.6	37.28	8.16	35.99	29.28	47.48	51.12	0	0	26.41	4.656	-0.003	12.65
1/19/2014 5:00	38999	4.646	324.2	15.24	8.16	1.231	294.7	34.44	4.578	35.01	30.97	48.72	47.93	0	0	26.4	4.656	0	12.79
1/19/2014 6:00	39000	3.572	330.5	13.85	6.368	0.601	100.8	27.22	4.578	35.24	28.85	48.26	52.13	0	0	26.4	4.656	0	12.77
1/19/2014 7:00	39001	3.438	311.8	8.52	6.368	0.707	123.5	13.97	2.789	37.3	29	45.08	53.7	0	0	26.4	4.656	0	12.8
1/19/2014 8:00	39002	4.291	310.7	10.27	6.368	0.535	78.42	25.15	4.578	38.17	29.59	43.98	51.22	0	1.705	26.41	4.659	0.003	12.97
1/19/2014 9:00	39003	3.879	308.9	12.26	6.368	0.298	321.6	11.26	2.789	39.54	35.67	43.44	44.19	0	104.5	26.43	4.659	-0.001	12.88
1/19/2014 10:00	39004	4.911	287.1	12.86	8.16	4.005	285.6	17.57	8.16	47.61	47.78	34.37	30.97	0	311.3	26.51	4.647	-0.012	12.78

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/19/2014 11:00	39005	7.347	253.9	24.41	15.31	5.999	251.2	24.96	13.52	54.49	54.86	28.07	24.72	0	483	26.59	4.626	-0.021	13.01
1/19/2014 12:00	39006	12.53	216.1	14.19	20.68	9.43	216.4	15.81	17.1	58.54	59.37	22.68	19.02	0	609.5	26.62	4.619	-0.007	12.75
1/19/2014 13:00	39007	14.36	205.5	11.51	22.47	10.47	206.6	14.32	17.1	60.4	61.72	19.99	15.87	0	680.1	26.6	4.618	-0.001	13.38
1/19/2014 14:00	39008	14.74	211.3	11.75	22.47	10.83	212.3	13.87	17.1	61.77	63.05	19.37	15.29	0	685.8	26.56	4.618	0	13.45
1/19/2014 15:00	39009	15.79	209	11.57	29.63	11.34	210	14.4	20.68	63.31	64.65	19.23	15.22	0	625.2	26.53	4.615	-0.003	13.34
1/19/2014 16:00	39010	14.44	217.7	11.29	22.47	10.73	217.9	12.91	18.89	64.14	64.95	18.42	14.72	0	483	26.5	4.615	0	13.39
1/19/2014 17:00	39011	13.6	217.1	10.37	20.68	9.92	217.2	12.1	17.1	64.18	64.7	17.69	14.12	0	332.2	26.47	4.612	-0.003	13.49
1/19/2014 18:00	39012	10.33	224.3	8.76	18.89	7.292	222.8	10.23	15.31	63.1	62.6	17.67	14.63	0	114.4	26.44	4.609	-0.003	13.28
1/19/2014 19:00	39013	8.72	206.6	8.62	13.52	4.622	207.5	12.14	8.16	56.75	54.22	23.47	21.63	0	2.074	26.39	4.598	-0.012	13.12
1/19/2014 20:00	39014	8.46	205	8.7	11.74	4.639	207.9	13.39	8.16	52.26	50.3	28.8	26.66	0	0.005	26.35	4.589	-0.009	13.16
1/19/2014 21:00	39015	4.391	208.2	11.06	8.16	1.291	219.6	9.45	4.578	47.4	44.73	33.87	32.38	0	0.001	26.32	4.586	-0.003	13.02
1/19/2014 22:00	39016	4.287	249.5	17.28	9.95	1.835	268.9	24.06	6.368	45.62	42.82	36.14	35.04	0	0	26.3	4.584	-0.002	13.12
1/19/2014 23:00	39017	5.943	243.5	9.99	9.95	2.908	258.6	24.32	6.368	43.91	41.42	38.51	37.24	0	0	26.28	4.578	-0.006	13.02
1/20/2014 0:00	39018	6.232	246.7	7.735	8.16	2.276	256	23.8	4.578	44.84	40.83	37.16	38.04	0	0	26.27	4.575	-0.003	12.89
1/20/2014 1:00	39019	5.545	273.8	22.33	15.31	2.695	291.3	36.09	6.368	44.57	39.66	36.66	38.9	0	0	26.25	4.572	-0.003	13.09
1/20/2014 2:00	39020	5.271	266.3	24.27	8.16	2.052	293.5	46.66	4.578	44.27	37.38	36.11	41.27	0	0	26.22	4.264	-0.308	12.98
1/20/2014 3:00	39021	7.46	292.2	10.47	9.95	4.163	280.4	22.87	6.368	43.72	39.71	34.6	35.69	0	0	26.19	4.264	0	13.04
1/20/2014 4:00	39022	10.32	307.9	10.98	18.89	7.105	302	17.44	15.31	43.47	41.63	33.9	31.94	0	0	26.19	4.264	0	12.94
1/20/2014 5:00	39023	9.67	303.2	6.738	17.1	6.282	299.6	10.95	13.52	43.84	41.68	33.35	31.53	0	0	26.2	4.268	0.003	13
1/20/2014 6:00	39024	11.91	303.4	6.452	18.89	8.72	304.6	7.539	15.31	47.34	45.9	29.52	26.96	0	0	26.21	4.267	-0.001	12.83
1/20/2014 7:00	39025	10.84	300	6.942	15.31	7.615	300.6	8.9	11.74	46.68	44.95	29.88	27.49	0	0	26.22	4.266	0	12.87
1/20/2014 8:00	39026	9.12	297.4	5.858	11.74	6.131	299	7.996	9.95	43.42	41.77	33.04	30.45	0	1.077	26.23	4.267	0.001	12.9
1/20/2014 9:00	39027	12.6	298.2	8.22	18.89	7.696	296.7	18.07	13.52	47.05	46.32	28.92	25.34	0	107.1	26.24	4.266	-0.001	12.88
1/20/2014 10:00	39028	14.74	299.1	8.42	26.05	11.35	298.4	14.11	20.68	53.78	53.65	23.24	19.48	0	315.7	26.29	4.265	-0.001	12.93
1/20/2014 11:00	39029	20.61	310.6	11.3	36.78	16.77	311.7	12.01	29.63	60.14	60.12	17.78	14.26	0	484.5	26.36	4.268	0.003	13.07
1/20/2014 12:00	39030	20.52	319.3	8.67	34.99	16.7	319.5	9.87	29.63	62.78	63.08	15.83	12.21	0	613.8	26.4	4.267	-0.001	12.98
1/20/2014 13:00	39031	15.47	322	15.16	26.05	12.68	321.5	15.22	22.47	64.74	65.32	14.9	11.33	0	687.2	26.41	4.266	-0.001	13.06
1/20/2014 14:00	39032	11.43	6.493	14.23	18.89	8.37	2.569	18.28	17.1	66.98	68.04	12.85	9.3	0	692	26.42	4.266	0	13.06
1/20/2014 15:00	39033	11.47	22.91	20.19	33.21	7.614	19.74	25.28	24.26	68.66	69.69	11.39	7.871	0	624.2	26.43	4.266	0	12.93
1/20/2014 16:00	39034	12.98	31.06	13.61	22.47	7.761	28.63	21.52	18.89	69.1	69.99	10.25	6.569	0	498.4	26.45	4.263	-0.003	12.9
1/20/2014 17:00	39035	13.53	35.33	12.53	22.47	7.837	34.59	18.6	17.1	68.87	69.4	9.89	6.201	0	331.7	26.46	4.263	0	12.95
1/20/2014 18:00	39036	17.94	25.52	11.28	34.99	10.87	22.76	22.22	26.05	66.03	66.11	12.49	8.75	0	119.9	26.48	4.261	-0.003	12.9
1/20/2014 19:00	39037	15.11	28.17	9.7	26.05	7.757	28.06	21.28	17.1	59.84	59.32	16.61	12.72	0	3.006	26.49	4.258	-0.002	12.79
1/20/2014 20:00	39038	13.83	26.97	9.65	22.47	7.167	26.49	21.51	15.31	55.49	54.91	20.76	16.77	0	0.005	26.5	4.259	0.001	12.85
1/20/2014 21:00	39039	14.99	30.96	10.2	24.26	7.592	31.82	19.46	18.89	52.49	51.97	25.31	21.35	0	0.002	26.53	4.256	-0.002	12.65
1/20/2014 22:00	39040	16.08	37.86	10.45	24.26	8.95	39.27	13.95	18.89	49.68	49.22	29.32	25.33	0	0	26.55	4.257	0	12.58
1/20/2014 23:00	39041	16.64	45.12	7.368	24.26	10.1	42.88	10.2	18.89	46.84	46.4	33.31	29.27	0	0	26.57	4.25	-0.006	12.82
1/21/2014 0:00	39042	13.35	42.9	8.29	22.47	8.13	42.57	10.57	15.31	43.99	43.55	36.77	32.61	0	0	26.59	4.247	-0.003	12.76
1/21/2014 1:00	39043	8.91	24.48	13.42	18.89	5.271	21.43	21.58	13.52	40.55	40.12	41.35	36.53	0	0	26.59	4.245	-0.002	12.76
1/21/2014 2:00	39044	7.621	0.597	12.52	13.52	5.173	356.6	13.19	11.74	37.59	36.99	45.68	40.25	0	0	26.58	4.239	-0.006	12.85
1/21/2014 3:00	39045	8.75	16.31	11.28	15.31	6.037	11.13	18.62	13.52	37.3	36.81	45.84	40.25	0	0	26.57	4.239	0	12.8
1/21/2014 4:00	39046	9.12	19.03	13.1	15.31	6.175	11.11	20.48	13.52	36.88	36.33	45.87	40.35	0	0	26.57	4.236	-0.003	12.65
1/21/2014 5:00	39047	5.499	316.6	24.02	9.95	3.344	308.3	36.81	8.16	34.38	32.99	49.91	44.68	0	0	26.58	4.233	-0.003	12.63
1/21/2014 6:00	39048	7.489	319	12.74	11.74	4.58	318.7	14.92	9.95	32.85	31.32	52.45	47.22	0	0	26.58	4.234	0.001	12.5
1/21/2014 7:00	39049	3.752	343.8	17.64	9.95	1.317	349.7	34.2	6.368	34.09	31.58	49.96	46.45	0	0	26.59	4.231	-0.003	12.38

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/21/2014 8:00	39050	2.165	287	50.12	4.578	1.094	195.4	38.77	4.578	30.98	27.14	55.46	52.82	0	1.809	26.59	4.221	-0.01	12.24
1/21/2014 9:00	39051	0.545	356.1	20.57	2.789	0.96	77.09	15.29	4.578	33.81	29.73	50.77	51.57	0	97.8	26.58	4.218	-0.003	12.54
1/21/2014 10:00	39052	3.476	193.9	35.14	9.95	2.435	209.9	16.91	9.95	43.91	43.86	35.34	31.98	0	310.3	26.64	4.209	-0.009	12.68
1/21/2014 11:00	39053	9.91	214	13.11	15.31	7.587	215	14.48	13.52	45.66	46.54	32.84	27.86	0	503.2	26.71	4.208	-0.001	12.7
1/21/2014 12:00	39054	11.55	219	11.01	18.89	8.87	219.3	13.43	15.31	48.9	49.89	30.05	25.17	0	641.4	26.72	4.208	-0.001	12.73
1/21/2014 13:00	39055	13.08	223.3	13.25	20.68	10.01	222.2	14.74	18.89	52.56	53.64	25.85	21.12	0	710.8	26.69	4.208	0	12.73
1/21/2014 14:00	39056	14.62	221.8	11.51	22.47	11.09	220.7	13.23	18.89	54.76	55.96	22.96	18.19	0	712	26.65	4.204	-0.003	12.71
1/21/2014 15:00	39057	14.85	216.9	10.96	22.47	10.97	216.6	13.16	18.89	56.9	58.17	20.49	15.73	0	645.5	26.61	4.197	-0.007	12.74
1/21/2014 16:00	39058	14.93	220.8	10.64	22.47	11.15	220.3	12.12	18.89	58.19	59.07	18.12	13.51	0	523	26.58	4.197	0	12.86
1/21/2014 17:00	39059	14.66	218.2	10.6	22.47	10.67	218.3	12.34	18.89	58.38	59	17.24	12.7	0	350.5	26.55	4.195	-0.003	12.88
1/21/2014 18:00	39060	11.64	216	8.87	18.89	8.17	216.3	11.56	15.31	57.24	57.29	18.64	14.4	0	142.7	26.52	4.192	-0.003	12.75
1/21/2014 19:00	39061	7.723	196.8	8.99	11.74	3.512	189.2	17.5	8.16	51.14	48.09	23.09	20.86	0	4.183	26.48	4.186	-0.006	12.64
1/21/2014 20:00	39062	7.461	195.9	7.044	11.74	2.884	187.1	12.02	6.368	46.47	42.53	26.95	25.48	0	0	26.42	4.184	-0.002	12.62
1/21/2014 21:00	39063	4.571	210.8	6.403	8.16	0.556	198.8	8.43	2.789	44.12	39.52	29.33	28.88	0	0	26.38	4.182	-0.002	12.53
1/21/2014 22:00	39064	4.368	230.8	9.67	8.16	0.449	262.3	9.01	2.789	41.56	37.71	31.83	30.77	0	0	26.35	4.179	-0.003	12.52
1/21/2014 23:00	39065	4.503	240.9	9.47	6.368	1.197	290.1	8.16	4.578	39.88	36.01	34.37	33.61	0	0	26.33	4.175	-0.003	12.76
1/22/2014 0:00	39066	5.387	259.9	7.509	8.16	2.55	290.6	15.37	4.578	40.63	36.08	33.89	34.28	0	0	26.32	4.172	-0.003	12.7
1/22/2014 1:00	39067	6.333	261.5	9.89	8.16	2.882	282.6	22.88	4.578	39.83	35.08	34.78	35.54	0	0	26.3	4.169	-0.003	12.57
1/22/2014 2:00	39068	6.352	278	16.02	8.16	3.39	302.4	12.11	6.368	39.57	34.01	34.67	36.89	0	0	26.28	4.17	0	12.59
1/22/2014 3:00	39069	4.796	259.8	11.68	8.16	1.572	305.4	8.11	4.578	40.45	34.71	34.28	36.08	0	0	26.26	4.167	-0.003	12.5
1/22/2014 4:00	39070	3.596	257.1	10.85	6.368	0.82	307	14.85	2.789	39.7	34.56	35.67	36.85	0	0	26.23	4.167	0.001	12.58
1/22/2014 5:00	39071	3.406	295.3	40.02	6.368	0.426	337.1	20.29	4.578	36.1	30.67	41.19	42.72	0	0	26.21	4.167	0	12.63
1/22/2014 6:00	39072	2.925	274.3	47.5	8.16	1.315	106.8	41.48	4.578	35.43	28.35	45.5	47.83	0	0	26.19	4.167	0	12.6
1/22/2014 7:00	39073	6.323	292.6	16.86	8.16	3.299	290	23.44	6.368	28.58	25.2	57.18	53.49	0	0	26.19	4.167	0	12.34
1/22/2014 8:00	39074	3.897	284.7	19.35	8.16	2.032	247.1	41.98	4.578	29.17	24.61	55.32	54.27	0	2.213	26.2	4.168	0.001	12.3
1/22/2014 9:00	39075	6.593	312.1	23.77	11.74	3.982	296.2	30.56	8.16	37.76	35.1	38.51	38.86	0	126	26.22	4.167	-0.001	12.27
1/22/2014 10:00	39076	6.378	301.5	17.64	11.74	4.978	300.8	19.59	9.95	46.41	45.83	28.63	25.76	0	211.5	26.28	4.073	-0.094	13.07
1/22/2014 11:00	39077	5.573	275.3	17.65	9.95	4.697	273.8	20.9	8.16	49.78	49.67	27.06	23.54	0	242.6	26.31	4.063	-0.01	13.08
1/22/2014 12:00	39078	11.71	296.3	9.4	18.89	9.73	296.7	12.44	15.31	53.36	53.3	20.06	16.22	0	265.7	26.32	3.977	-0.086	13.06
1/22/2014 13:00	39079	9.84	301	13.56	17.1	8.29	301.3	16.29	15.31	55.86	56.03	18.26	14.19	0	462.4	26.31	3.97	-0.007	13.27
1/22/2014 14:00	39080	10.46	314.9	13.08	17.1	8.56	315.2	13.83	15.31	55.81	55.93	16.61	12.37	0	239.9	26.3	3.97	0	13.15
1/22/2014 15:00	39081	8.09	0.107	19.55	13.52	6.246	357.8	21.24	11.74	55.02	55.34	19.02	14.82	0	244.9	26.26	3.97	0	13.31
1/22/2014 16:00	39082	9.36	4.987	13.13	17.1	7.175	2.668	14.81	13.52	53.74	54.3	21.48	17.17	0	311.7	26.26	3.97	0	13.1
1/22/2014 17:00	39083	10.46	24.38	12.68	15.31	7.394	21.79	14.39	15.31	52.17	52.63	25.15	20.87	0	260.5	26.25	3.97	0	13.39
1/22/2014 18:00	39084	11.11	24.59	11.19	17.1	7.629	22.65	12.27	15.31	49.37	49.41	27.54	23.23	0	57.24	26.25	3.97	0.001	13.3
1/22/2014 19:00	39085	10.2	39.93	10.66	17.1	5.933	35.97	11.58	13.52	46.26	45.96	31.36	27.12	0	3.227	26.24	3.968	-0.002	12.87
1/22/2014 20:00	39086	10.96	43.23	10.24	17.1	6.312	39.07	12.46	13.52	44.13	43.82	34.06	29.78	0	0.002	26.23	3.968	0	12.97
1/22/2014 21:00	39087	14.93	45.02	8.69	24.26	8.42	39.33	11.63	17.1	42.97	42.71	37.38	33.01	0	0	26.23	3.968	0	12.72
1/22/2014 22:00	39088	13.8	56.27	9.49	22.47	8.64	51.92	14.38	17.1	41.99	41.71	41.15	36.54	0	0	26.24	3.968	0	12.87
1/22/2014 23:00	39089	15.17	56.99	9.06	22.47	9.9	53.28	13.75	18.89	40.45	40.18	44.5	39.25	0	0	26.25	3.969	0.001	12.7
1/23/2014 0:00	39090	14.64	58.97	9.64	24.26	9.56	55.63	14.5	20.68	38.27	37.93	48.74	42.74	0	0	26.26	3.969	0	12.76
1/23/2014 1:00	39091	13.89	56.4	9.9	33.21	8.9	52.78	14.38	18.89	36.53	36.13	52.77	46.17	0	0	26.26	3.966	-0.003	12.46
1/23/2014 2:00	39092	13.6	53.76	9.33	22.47	8.26	49.2	13.77	17.1	35.79	35.43	54.92	47.92	0	0	26.27	3.966	0	12.73
1/23/2014 3:00	39093	15.12	55.54	9.43	26.05	9.66	52.31	13.85	20.68	35.4	35.1	55.09	48.01	0	0	26.29	3.966	0	12.59
1/23/2014 4:00	39094	18.08	57.52	9.06	29.63	11.94	53.58	13.79	24.26	34.69	34.52	55.68	48.26	0	0	26.3	3.966	0	12.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/23/2014 5:00	39095	17.13	57.59	10.73	27.84	11	52.81	14.64	22.47	33.46	33.31	58.94	50.85	0	0	26.31	3.966	0	12.42
1/23/2014 6:00	39096	17.19	57.3	9.74	31.42	11.07	53.16	14.63	22.47	31.82	31.58	64.62	55.69	0	0	26.34	3.966	0	12.39
1/23/2014 7:00	39097	16.78	57.39	10.15	27.84	10.81	52.99	15.02	22.47	31.09	30.92	65.69	56.59	0	0	26.38	3.967	0	12.39
1/23/2014 8:00	39098	17.85	58.35	10.02	29.63	11.57	53.45	14.71	22.47	29.91	29.68	63.92	55.08	0	0.955	26.42	3.967	0.001	12.21
1/23/2014 9:00	39099	17.74	56.06	10.11	29.63	11.21	51.77	14.91	24.26	28.43	28.33	63.3	54.27	0	59.08	26.46	3.967	0	12.32
1/23/2014 10:00	39100	22.71	60.55	10.77	38.57	14.87	55.67	15.08	29.63	28.89	29.31	58.77	49.83	0	232.9	26.52	3.967	0	12.42
1/23/2014 11:00	39101	19.21	53.66	11.05	31.42	11.9	48.42	15.28	24.26	29.5	30.3	58.41	49.12	0	396.4	26.58	3.966	-0.001	12.17
1/23/2014 12:00	39102	19.9	54.66	11.71	31.42	12.43	49.47	15.49	24.26	29.67	30.77	56.09	46.84	0	474.4	26.61	3.966	0	12.35
1/23/2014 13:00	39103	20.07	57.51	12.05	33.21	12.85	52.6	16.16	26.05	30.42	31.53	51.31	42.9	0	492.5	26.62	3.966	0	12.43
1/23/2014 14:00	39104	20.82	56.02	13.42	33.21	13.19	51.13	17.54	27.84	30.77	32.03	47.88	39.92	0	547.8	26.62	3.966	0	12.44
1/23/2014 15:00	39105	20.48	50.63	14.2	31.42	12.5	45.32	16.88	24.26	30.13	31.11	38.31	31.94	0	399.6	26.63	3.966	0	12.51
1/23/2014 16:00	39106	21.03	45.07	13.12	31.42	12.6	39.94	15.09	27.84	27.98	28.72	32.92	26.42	0	360.6	26.63	3.963	-0.003	12.48
1/23/2014 17:00	39107	19.27	40.81	12.23	31.42	11.46	36.23	14.35	26.05	25.89	26.33	25.11	18.3	0	201	26.64	3.963	0	12.46
1/23/2014 18:00	39108	17	47.31	11.01	27.84	10.14	41.8	14.28	20.68	24.54	24.79	22.72	15.61	0	69.83	26.64	3.961	-0.002	12.5
1/23/2014 19:00	39109	13.8	43.68	10.41	22.47	8.05	39.21	12.72	17.1	23.29	23.28	21.69	14.37	0	1.899	26.65	3.961	0	12.26
1/23/2014 20:00	39110	13.15	40.18	10.93	22.47	7.58	36.18	12.12	18.89	22.17	22.08	22.21	14.89	0	0	26.67	3.965	0.004	12.17
1/23/2014 21:00	39111	10.57	46.66	10.35	15.31	5.989	39.69	11.7	13.52	21.02	20.83	23.91	16.64	0	0	26.69	3.962	-0.003	12.17
1/23/2014 22:00	39112	7.276	62.88	10.5	13.52	4.792	61.33	16.03	9.95	19.28	18.91	27.31	20.32	0	0	26.69	3.962	0	12.29
1/23/2014 23:00	39113	6.84	62.14	8.73	9.95	4.517	61.21	14.12	8.16	17.51	17.02	30.24	23.41	0	0	26.7	3.962	0	13.18
1/24/2014 0:00	39114	7.909	50.43	10.7	13.52	4.714	46.08	14.87	9.95	17.01	16.63	31.28	24.45	0	0	26.69	3.962	0	12.19
1/24/2014 1:00	39115	7.207	40.83	14.11	17.1	4.263	35.05	15.4	8.16	16.27	16.07	33.46	26.31	0	0	26.69	3.962	0	12.91
1/24/2014 2:00	39116	3.083	346.6	26.96	6.368	1.58	323.4	34.03	4.578	14.46	13.49	37.91	31.91	0	0	26.68	3.964	0.001	13.08
1/24/2014 3:00	39117	1.336	316.1	13.8	4.578	0.26	255.5	7.161	2.789	14.05	11.73	38.89	35.94	0	0	26.66	3.964	0	12.78
1/24/2014 4:00	39118	3.144	338.3	18.44	4.578	1.624	336.5	14.51	4.578	14.51	13.3	40.55	35.59	0	0	26.64	3.964	0	12.19
1/24/2014 5:00	39119	4.268	327.2	9.79	6.368	2.594	324.3	11.69	6.368	14.21	13.37	45.62	38.73	0	0	26.63	3.964	0	12.98
1/24/2014 6:00	39120	4.131	314	11.97	6.368	1.717	304.5	15.55	4.578	13.34	12.15	49.19	41.84	0	0	26.61	3.964	0	12.17
1/24/2014 7:00	39121	2.931	273.7	27.33	6.368	0.421	237.7	8.49	2.789	12.53	11.2	50.79	44.45	0	0	26.6	3.964	0	12.17
1/24/2014 8:00	39122	4.476	245.4	7.404	6.368	1.426	234.9	7.924	4.578	10.6	9.5	56.28	48.48	0	2.066	26.59	3.964	0	12.14
1/24/2014 9:00	39123	5.385	240.8	9.04	11.74	3.448	234.3	11.3	8.16	13.9	13.72	51.14	42.89	0	107.7	26.58	3.964	0	12.15
1/24/2014 10:00	39124	9.69	234.9	10.03	15.31	7.229	231.8	12.89	13.52	20.14	20.62	33.77	27.21	0	314.6	26.61	3.965	0.001	12.31
1/24/2014 11:00	39125	10.35	236.5	11.6	15.31	7.954	234	14.25	13.52	25.14	25.78	27.45	20.69	0	499.4	26.64	3.966	0.002	12.42
1/24/2014 12:00	39126	10.87	230.5	12.64	17.1	8.15	228.2	14.65	13.52	29.67	30.66	22.81	16.07	0	645.1	26.67	3.965	-0.001	12.7
1/24/2014 13:00	39127	12.77	227.9	12.31	18.89	9.59	225.9	14.67	17.1	34.49	35.49	20.69	14.03	0	716	26.66	3.965	0	12.61
1/24/2014 14:00	39128	12.81	232.8	13.1	20.68	9.67	231	15.46	18.89	38.85	39.82	22.2	15.84	0	744.8	26.63	3.964	-0.001	12.75
1/24/2014 15:00	39129	13.68	233.1	12.9	22.47	10.24	230.7	15.4	17.1	42.01	42.89	23.27	17.28	0	669.7	26.6	3.951	-0.013	12.92
1/24/2014 16:00	39130	10.98	232.4	12.75	17.1	8.28	229.7	14.35	13.52	44.75	45.33	22.35	16.75	0	535.7	26.58	3.938	-0.013	12.94
1/24/2014 17:00	39131	10.68	240.9	11.59	17.1	7.423	237.5	15.4	13.52	46.65	47.1	21.37	16.01	0	352.8	26.55	3.939	0	12.82
1/24/2014 18:00	39132	9.75	239.2	8.99	15.31	6.233	238.3	14.62	11.74	47.22	47.11	21.92	17.07	0	147.4	26.53	3.939	0	12.41
1/24/2014 19:00	39133	6.353	232.8	7.573	9.95	2.373	233.3	12.23	8.16	42.15	39.7	25.81	22.4	0	4.537	26.5	3.936	-0.003	12.34
1/24/2014 20:00	39134	4.591	230.6	8.71	8.16	0.649	248.7	5.7	2.789	37.68	34.11	29.78	27.48	0	0	26.46	3.938	0.001	12.27
1/24/2014 21:00	39135	3.27	230.8	22.31	6.368	0.325	140.6	3.712	4.578	35.29	31.59	32.1	30.21	0	0	26.43	3.938	0.001	12.42
1/24/2014 22:00	39136	3.715	261.5	15.55	6.368	1.202	300.8	6.881	4.578	34.4	30.03	33.46	32.33	0	0	26.41	3.939	0.001	12.46
1/24/2014 23:00	39137	6.446	281.6	4.26	8.16	3.435	302.2	8.92	4.578	35.26	29.79	33.22	33.54	0	0	26.4	3.939	0	12.51
1/25/2014 0:00	39138	6.594	284.3	5.746	8.16	3.316	305.2	8.07	4.578	34.36	29.38	34.17	34.21	0	0	26.4	3.939	0	12.46
1/25/2014 1:00	39139	6.339	295	3.742	13.52	3.643	308.3	6.1	6.368	33.89	29.42	34.82	35.32	0	0	26.38	3.939	0	12.53

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/25/2014 2:00	39140	6.051	308.2	12.74	9.95	2.604	306.1	20.31	6.368	34.55	30.29	35.59	35.05	0	0	26.37	3.939	0	12.3	
1/25/2014 3:00	39141	4.972	305	13.23	9.95	2.347	279	29.98	8.16	32.87	30.16	41.08	38.26	0	0	26.37	3.939	0	12.44	
1/25/2014 4:00	39142	8.46	308.1	7.683	13.52	5.719	304.6	10.47	9.95	33.5	31.69	39.67	36.56	0	0	26.36	3.939	0	12.22	
1/25/2014 5:00	39143	8.59	305.2	8.49	13.52	5.672	301.4	14.2	8.16	33.26	31.79	41.31	37.22	0	0	26.35	3.939	0	12.39	
1/25/2014 6:00	39144	9.62	316.4	7.973	13.52	6.637	316.4	9.01	11.74	35.08	33.77	41.04	37.03	0	0	26.34	3.938	0	12.37	
1/25/2014 7:00	39145	8.52	319.1	11.11	15.31	6.299	318.3	14.19	11.74	36	34.86	40.29	36.3	0	0	26.35	3.938	-0.001	12.43	
1/25/2014 8:00	39146	5.299	308.1	9.92	9.95	3.304	288.8	20.72	6.368	34.89	32.89	41.71	38.69	0	1.249	26.35	3.938	0	12.38	
1/25/2014 9:00	39147	6.63	319.5	7.536	11.74	3.941	311.3	10.74	8.16	36.71	35.3	38.34	35.39	0	51.15	26.35	3.938	0	12.58	
1/25/2014 10:00	39148	6.084	328.4	10.05	9.95	4.552	324.2	11.32	9.95	44.43	43.83	27.13	23.65	0	188.4	26.38	3.94	0.003	12.74	
1/25/2014 11:00	39149	6.778	329.6	12.23	9.95	5.625	327.7	12.1	9.95	55.79	55.58	14.97	11.24	0	394.1	26.44	3.935	-0.005	12.98	
1/25/2014 12:00	39150	6.51	310.5	23.74	9.95	5.458	309.9	26.21	9.95	58.38	58.42	14.87	10.85	0	416.8	26.5	3.932	-0.004	12.93	
1/25/2014 13:00	39151	5.952	244.8	28.65	11.74	4.508	244.1	30.54	9.95	60.2	60.48	12.59	8.38	0	458.4	26.49	3.931	-0.001	13.29	
1/25/2014 14:00	39152	9.13	230.9	13.91	15.31	6.586	230	17.67	11.74	59.98	60.37	13.84	9.52	0	463.5	26.47	3.931	0	13.13	
1/25/2014 15:00	39153	5.936	237.4	15.69	11.74	4.35	237	19.45	8.16	60.85	61.04	12.99	8.8	0	306.2	26.44	3.931	0	12.93	
1/25/2014 16:00	39154	4.708	213	24.74	8.16	3.565	212.5	25.06	8.16	62.17	62.4	10.58	6.13	0	295.8	26.42	3.931	0	13.27	
1/25/2014 17:00	39155	2.906	220.8	35.08	6.368	1.997	226.2	33.32	6.368	62.48	62.54	11.24	6.992	0	190.6	26.4	3.931	0	13.25	
1/25/2014 18:00	39156	4.544	172.9	11.57	9.95	2.221	174.6	15.02	6.368	60.63	60.08	11.4	7.499	0	50.13	26.38	3.932	0.001	13.27	
1/25/2014 19:00	39157	6.365	200.8	9.52	8.16	2.818	196.4	11.36	4.578	57.19	54.92	13.54	10.33	0	3.476	26.35	3.932	0	13.2	
1/25/2014 20:00	39158	5.498	211.4	9.27	9.95	1.904	204.9	7.189	4.578	54.88	52.73	16.51	13.6	0	0.066	26.33	3.929	-0.003	13.04	
1/25/2014 21:00	39159	3.36	206.9	9.18	8.16	0.244	213	2.481	4.578	52.61	50.26	18.47	15.53	0	0.046	26.3	3.929	0	13.21	
1/25/2014 22:00	39160	4.409	225.3	14.72	9.95	1.004	249.8	25.62	4.578	49.07	45.77	22.37	20.2	0	0.009	26.27	3.927	-0.003	12.79	
1/25/2014 23:00	39161	4.701	224	9.31	9.95	0.928	211.1	5.613	4.578	45.82	41.64	25.87	24.53	0	0	26.24	3.927	0	12.94	
1/26/2014 0:00	39162	2.189	221.8	27.87	4.578	0	0	0	0	42.71	39.4	29.7	27.88	0	0	26.2	3.922	-0.005	13.07	
1/26/2014 1:00	39163	3.943	231.8	22.97	6.368	0.362	150.5	5.091	2.789	43.06	37.35	30.2	30.45	0	0	26.17	3.922	0	12.84	
1/26/2014 2:00	39164	3.635	246.3	14.82	6.368	0.064	353.8	0.452	2.789	40.38	36.06	33.77	33.54	0	0	26.14	3.918	-0.003	12.94	
1/26/2014 3:00	39165	3.889	233.4	14.59	6.368	0.033	266.4	2.76	2.789	38.42	35.04	35.89	34.96	0	0	26.11	3.915	-0.003	12.87	
1/26/2014 4:00	39166	1.159	291.9	31.5	4.578	0.279	13.65	1.787	2.789	36.72	34.15	38.4	36.75	0	0	26.09	3.916	0	12.91	
1/26/2014 5:00	39167	4.303	278	12.62	8.16	0.049	191.7	1.997	4.578	41.2	33.13	36.06	39.79	0	0	26.07	3.916	0	12.76	
1/26/2014 6:00	39168	5.602	289.4	17.57	8.16	1.485	314.3	15.28	4.578	43.14	35.2	36.19	39.48	0	0	26.05	3.913	-0.003	12.87	
1/26/2014 7:00	39169	9.53	297.8	8.98	15.31	5.628	295.9	11.54	11.74	44.54	40.65	38.04	38.2	0	0	26.05	3.912	-0.001	13.11	
1/26/2014 8:00	39170	9.81	305.1	7.12	13.52	6.479	305.2	8.11	9.95	43.6	41.59	40.47	38.35	0	2.343	26.08	3.912	0	12.68	
1/26/2014 9:00	39171	10.09	301.3	7.2	17.1	7.501	302.2	8.95	15.31	46.22	44.89	37.87	35.31	0	115.6	26.1	3.911	-0.001	13.03	
1/26/2014 10:00	39172	17.98	307.4	8.36	31.42	14.52	307.9	9.34	27.84	52.96	52.62	26.46	23.18	0	324.6	26.16	3.91	-0.001	13.14	
1/26/2014 11:00	39173	21.3	320.3	8.36	33.21	17.23	320.3	9.63	29.63	58.94	58.95	14.67	10.67	0	503	26.22	3.913	0.003	13.28	
1/26/2014 12:00	39174	19.91	329.9	9.87	33.21	16.58	328.3	10.47	27.84	61.96	62.41	16.95	13.22	0	636.9	26.26	3.912	-0.001	13.46	
1/26/2014 13:00	39175	17.94	327.5	10.09	26.05	15.02	326.7	11.02	24.26	63.96	64.63	16.31	12.67	0	706.4	26.26	3.911	0	13.28	
1/26/2014 14:00	39176	15.32	320.8	11.25	24.26	12.89	320.5	12.01	20.68	66.13	66.73	14.98	11.51	0	709.7	26.25	3.908	-0.003	13.3	
1/26/2014 15:00	39177	14.45	319.6	12.43	24.26	12	319.5	13.15	18.89	67.75	68.37	13.82	10.41	0	648.1	26.24	3.908	0	13.51	
1/26/2014 16:00	39178	12.19	307	15.67	22.47	10.11	306.4	17.52	22.47	69.15	69.49	12.59	9.28	0	528.3	26.23	3.908	0	13.36	
1/26/2014 17:00	39179	12.01	298.8	12.83	18.89	9.89	298.5	15.24	18.89	69.53	69.73	11.83	8.52	0	359.1	26.21	3.908	0	13.37	
1/26/2014 18:00	39180	10.8	286.1	10.11	17.1	8.37	284.4	13.85	15.31	68.47	68.25	11.61	8.37	0	158.7	26.2	3.908	0	13.43	
1/26/2014 19:00	39181	10.28	285.8	6.838	15.31	6.76	289.7	11.08	11.74	63.31	60.97	13.51	10.96	0	7.529	26.18	3.906	-0.002	13.39	
1/26/2014 20:00	39182	6.088	288.2	24.79	9.95	2.525	286.8	36.66	6.368	56.85	52.61	17.61	16.04	0	0.013	26.15	3.907	0.001	13.05	
1/26/2014 21:00	39183	3.685	276	25.99	9.95	1.277	254	32.09	4.578	51.42	46.88	21.54	20.38	0	0	26.13	3.904	-0.002	13.01	
1/26/2014 22:00	39184	3.25	282.9	24.81	6.368	0.655	287.6	12.31	4.578	48.64	45.05	23.61	22.35	0	0	26.12	3.905	0	12.89	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/26/2014 23:00	39185	3.622	293.2	15.66	8.16	0.779	93.2	15.45	4.578	51.09	41.83	21.25	26.39	0	0	26.1	3.903	-0.002	13.08	
1/27/2014 0:00	39186	2.331	289.4	25.78	4.578	0.537	84.2	15.22	4.578	50.02	41.85	22.87	26.71	0	0	26.09	3.903	0	12.78	
1/27/2014 1:00	39187	5.516	311.5	6.92	8.16	0.854	295.1	9.49	4.578	49.44	40.69	24.72	28.1	0	0	26.09	3.899	-0.003	12.98	
1/27/2014 2:00	39188	8.17	323.3	9.07	11.74	4.752	326.5	16.15	9.95	46.73	41.82	27.23	27.52	0	0	26.1	3.899	0	12.83	
1/27/2014 3:00	39189	9.3	326.1	6.475	13.52	6.574	328.9	8.21	9.95	45.98	43.85	27.4	24.84	0	0	26.12	3.896	-0.003	12.89	
1/27/2014 4:00	39190	13.35	343	21.5	27.84	9.51	344.5	19.76	22.47	48.62	46.58	25.15	22.27	0	0	26.15	3.895	-0.001	12.85	
1/27/2014 5:00	39191	20.93	46.07	14.9	43.94	12.77	41.27	17.36	31.42	42.79	42.39	40.06	34.64	0	0	26.22	3.895	0	12.87	
1/27/2014 6:00	39192	28.17	46.17	9.21	45.73	15.53	39.76	12.33	31.42	33.12	33	67.39	58.43	0	0	26.26	3.896	0.001	12.61	
1/27/2014 7:00	39193	26.01	48.67	9.09	42.15	14.23	41.48	13.11	31.42	28.65	28.49	57.25	49.34	0	0	26.27	3.897	0.001	12.61	
1/27/2014 8:00	39194	20.99	42.82	10.02	34.99	11.92	37.43	12.31	26.05	26.87	26.76	50.22	42.99	0	1.593	26.32	3.898	0	12.45	
1/27/2014 9:00	39195	16.89	36.79	11.41	27.84	9.88	32.85	13.07	26.05	26.58	26.69	45.01	38.28	0	115.4	26.38	3.894	-0.003	12.75	
1/27/2014 10:00	39196	16.83	44.92	12.67	27.84	9.99	39.3	15.05	22.47	27.45	28.09	38.18	32.02	0	328.2	26.43	3.897	0.002	12.69	
1/27/2014 11:00	39197	15.91	47.85	12.22	27.84	9.37	41.66	15.29	18.89	28.15	29.05	31.66	25.25	0	447	26.47	3.896	0	12.83	
1/27/2014 12:00	39198	12.28	45.8	18.08	20.68	7.914	40.15	20.24	17.1	29.33	30.53	29.42	22.83	0	498.3	26.5	3.896	0	12.85	
1/27/2014 13:00	39199	11.51	58.01	16.72	18.89	7.66	53.01	20.73	17.1	30.07	31.42	28.09	21.34	0	355.2	26.46	3.896	0	12.78	
1/27/2014 14:00	39200	10.07	75.43	18.41	18.89	7.182	70.98	23.75	15.31	31.39	33.15	27.23	20.37	0	506.2	26.4	3.896	0	12.79	
1/27/2014 15:00	39201	8.01	83	19.99	17.1	6.111	78.01	27.14	11.74	33.75	35.39	25.35	18.76	0	638.1	26.4	3.895	-0.001	12.9	
1/27/2014 16:00	39202	6.721	101.1	29.96	11.74	5.164	98.4	35.78	9.95	35.8	37.03	24.95	18.52	0	549.8	26.39	3.895	0	13.02	
1/27/2014 17:00	39203	7.203	98	22.83	15.31	5.58	95.4	29.42	15.31	35.18	36.42	25.19	18.65	0	359.3	26.38	3.895	0	12.86	
1/27/2014 18:00	39204	7.481	100.6	15.27	11.74	5.58	98.5	21.33	9.95	34.35	35.3	25.19	18.71	0	156.3	26.35	3.892	-0.003	12.87	
1/27/2014 19:00	39205	6.416	92.2	9.61	11.74	4.094	92.6	16.07	8.16	31.27	30.64	27.34	21.6	0	7.726	26.32	3.893	0.001	12.66	
1/27/2014 20:00	39206	6.681	101.5	9.19	9.95	4.473	98.6	15.57	8.16	29	28.32	29.34	23.76	0	0	26.29	3.894	0.001	12.56	
1/27/2014 21:00	39207	6.756	110.7	10.41	11.74	4.103	106.9	16.46	8.16	26.87	26.06	31.51	25.99	0	0	26.27	3.894	0	12.5	
1/27/2014 22:00	39208	7.39	99.1	14.17	11.74	4.668	92.6	19.36	9.95	25	24.2	32.94	27.32	0	0	26.27	3.891	-0.003	12.54	
1/27/2014 23:00	39209	9.16	108	9.36	15.31	6.101	104.4	15.12	11.74	23.42	22.91	34.15	28	0	0	26.25	3.892	0.001	12.53	
1/28/2014 0:00	39210	10.75	105.2	8.57	17.1	7.672	102.5	13.91	13.52	22.27	21.95	34.15	27.66	0	0	26.25	3.892	0	12.38	
1/28/2014 1:00	39211	12.11	83.5	11.34	20.68	8.17	84.1	15.31	15.31	20.71	20.38	32.08	25.53	0	0	26.25	3.896	0.004	13.17	
1/28/2014 2:00	39212	15.02	77.13	8.74	22.47	9.68	72.72	15.91	17.1	19.06	18.8	30.4	23.42	0	0	26.26	3.893	-0.003	12.18	
1/28/2014 3:00	39213	15.97	71.72	7.796	22.47	10.65	67.07	14.68	20.68	17.4	17.22	31.13	23.83	0	0	26.26	3.896	0.003	12.7	
1/28/2014 4:00	39214	18.14	66.81	8.54	29.63	12.15	62.5	14.67	24.26	16.38	16.37	33.97	26.38	0	0	26.27	3.893	-0.003	12.16	
1/28/2014 5:00	39215	16.61	64.21	8.86	29.63	11.21	60.79	14.34	24.26	13.83	13.73	35.11	27.54	0	0	26.29	3.893	0	12.17	
1/28/2014 6:00	39216	13.71	55.32	10.41	26.05	8.72	49.98	14.82	20.68	12.27	12.19	33.95	26.16	0	0	26.32	3.894	0.001	12.15	
1/28/2014 7:00	39217	9.29	43.11	12.11	15.31	5.707	39.74	14.67	11.74	11.69	11.63	35.75	27.89	0	0	26.34	3.894	0	12.7	
1/28/2014 8:00	39218	9.94	26.23	11.38	18.89	6.967	21.26	13.39	15.31	11.59	11.69	37.32	29.28	0	4.119	26.37	3.894	0	12.22	
1/28/2014 9:00	39219	12.33	29.14	10.73	18.89	8.1	25.91	12.7	18.89	12.46	12.7	36.78	28.81	0	97.6	26.4	3.894	0	12.73	
1/28/2014 10:00	39220	11.94	32.7	12.45	17.1	7.772	29.05	14.29	17.1	14.38	14.97	35.34	27.4	0	242.5	26.44	3.896	0.002	12.16	
1/28/2014 11:00	39221	11.68	31.22	12.6	18.89	7.818	27.17	14.31	15.31	16.01	16.72	34.44	26.55	0	303	26.47	3.896	0	12.32	
1/28/2014 12:00	39222	11.04	34.13	13.8	20.68	7.286	30.41	14.9	15.31	19.2	20.33	32.08	24.37	0	560.9	26.5	3.894	-0.001	12.39	
1/28/2014 13:00	39223	10.01	34.39	16.22	17.1	6.903	29.69	17.95	15.31	22.39	23.68	29.24	21.81	0	681.4	26.52	3.893	-0.001	12.49	
1/28/2014 14:00	39224	8.73	18.97	19.21	17.1	6.386	14.85	20.97	13.52	26.37	27.62	24.44	17.26	0	706.3	26.52	3.896	0.003	12.64	
1/28/2014 15:00	39225	8.39	24.47	17.94	15.31	6.195	21.78	20.93	13.52	30.26	31.37	21.74	14.73	0	698.6	26.52	3.895	-0.001	12.62	
1/28/2014 16:00	39226	8.08	42.65	23.53	17.1	5.637	36.74	26.96	11.74	31.77	33	22.59	15.6	0	575.2	26.52	3.895	0	12.88	
1/28/2014 17:00	39227	7.097	36.62	19.49	11.74	5.046	32.93	22.77	11.74	32.72	33.65	21.87	15.09	0	387.3	26.51	3.895	0	12.97	
1/28/2014 18:00	39228	6.339	55.1	21.55	11.74	4.309	50.34	24.39	9.95	32.34	33.17	21.15	14.38	0	171	26.5	3.895	0	13.01	
1/28/2014 19:00	39229	5.004	91.5	9.42	8.16	2.909	90.6	12.92	6.368	29.27	27.59	23.22	17.4	0	9.01	26.47	3.893	-0.002	12.63	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
1/28/2014 20:00	39230	6.45	110.6	9.21	8.16	3.04	88	10.61	4.578	26.91	22.31	25.61	21.76	0	0	26.44	3.894	0.001	12.46	
1/28/2014 21:00	39231	7.015	124.9	6.495	8.16	3.075	94.6	11.25	4.578	24.9	19.98	29.4	25.96	0	0	26.42	3.896	0.001	12.49	
1/28/2014 22:00	39232	7.48	134.6	7.372	9.95	3.218	117.1	16.53	4.578	22.33	19.05	31.36	28.65	0	0	26.41	3.896	0	12.65	
1/28/2014 23:00	39233	7.016	158.5	14.85	9.95	2.635	145.6	17.96	4.578	19.81	16.99	32.39	28.38	0	0	26.4	3.893	-0.003	12.41	
1/29/2014 0:00	39234	2.326	210.1	16.03	8.16	0.097	170.8	1.956	2.789	17.93	15.74	33.49	28.85	0	0	26.4	3.893	0.001	12.48	
1/29/2014 1:00	39235	0.541	283.3	12.28	2.789	0	0	0	0	17.15	15.67	34.18	29.88	0	0	26.37	3.948	0.054	12.45	
1/29/2014 2:00	39236	2.437	271.9	11.14	4.578	0	0	0	0	18.4	15.23	33.09	30.47	0	0	26.35	3.951	0.003	12.49	
1/29/2014 3:00	39237	1.067	236.7	6.35	4.578	0	0	0	0	17.75	14.95	33.68	31.47	0	0	26.33	3.951	0	12.54	
1/29/2014 4:00	39238	2.312	251.2	19.68	6.368	0	0	0	0	17.55	14.66	34.12	33.51	0	0	26.32	3.954	0.003	12.54	
1/29/2014 5:00	39239	1.156	266.1	29.37	4.578	0	0	0	0	17.01	14.25	35.33	33.07	0	0	26.32	3.967	0.013	12.35	
1/29/2014 6:00	39240	2.836	226.8	15.12	4.578	0	0	0	0	17.01	13.49	35.05	35.27	0	0	26.3	3.967	0	12.48	
1/29/2014 7:00	39241	2.458	165	17.36	4.578	0.541	81.8	12.65	2.789	16.12	13.36	35.86	34.66	0	0	26.29	3.967	0	12.37	
1/29/2014 8:00	39242	1.483	168.1	21.9	4.578	0.238	91.7	5.05	2.789	15.46	13.93	37.01	32.61	0	2.881	26.28	3.967	0	12.48	
1/29/2014 9:00	39243	5.419	177.8	10.59	11.74	2.482	182.2	13.86	9.95	19.41	19.07	34.86	29.75	0	123	26.3	3.966	-0.001	12.17	
1/29/2014 10:00	39244	11.14	182.4	9.71	17.1	7.464	185.1	15.86	13.52	26.13	27.12	28.28	21.08	0	340.6	26.34	3.967	0.001	12.49	
1/29/2014 11:00	39245	13.48	188.6	10.24	18.89	9.4	191.5	15.99	15.31	31.56	32.96	25.65	18.37	0	533.2	26.38	3.966	-0.001	12.75	
1/29/2014 12:00	39246	13.66	188.1	10.98	18.89	9.63	189.5	15.68	17.1	35.62	37.23	24.91	17.73	0	673.8	26.41	3.968	0.002	12.8	
1/29/2014 13:00	39247	12.42	187.4	14.73	18.89	8.85	190.1	18.47	15.31	39.57	41.32	23.77	16.8	0	752.5	26.41	3.967	-0.001	12.92	
1/29/2014 14:00	39248	11.58	201.1	14.48	18.89	8.78	203.8	17.72	15.31	43.6	45.01	23.78	17.3	0	760.4	26.39	3.951	-0.017	12.78	
1/29/2014 15:00	39249	12.38	205.5	12.7	22.47	9.23	206.5	14.87	22.47	46.44	47.88	22.71	16.46	0	698.2	26.37	3.881	-0.07	12.94	
1/29/2014 16:00	39250	13.66	201.4	13.39	18.89	9.82	202.7	16.33	17.1	48.26	49.58	21.61	15.56	0	569.7	26.34	3.871	-0.01	12.9	
1/29/2014 17:00	39251	13.58	195	9.89	20.68	9.57	197.7	14.41	17.1	49.56	50.64	21.03	15.24	0	386.3	26.31	3.868	-0.003	12.97	
1/29/2014 18:00	39252	11.26	183.5	10.45	17.1	7.363	185.1	15.45	15.31	49.59	49.98	21.59	16.34	0	173.6	26.29	3.869	0	12.94	
1/29/2014 19:00	39253	7.697	176.1	5.418	11.74	3.549	174.4	10.93	8.16	44.55	41.99	25.72	22.22	0	10.03	26.26	3.87	0.001	12.82	
1/29/2014 20:00	39254	7.479	174.5	5.702	9.95	3.025	164.1	9.92	4.578	41.03	36.1	29.13	27.51	0	0	26.2	3.871	0.001	12.85	
1/29/2014 21:00	39255	9.08	178.8	12.27	15.31	4.834	180.6	15.76	11.74	37.8	35.87	30.62	26.84	0	0	26.18	3.871	0	12.68	
1/29/2014 22:00	39256	6.853	207.3	8.27	9.95	3.658	211.4	12.09	6.368	34.54	32.4	32.62	28.97	0	0	26.16	3.871	0	12.72	
1/29/2014 23:00	39257	8.03	205.7	8.08	11.74	4.376	208.1	11.9	8.16	32.8	30.89	34.4	30.47	0	0	26.13	3.872	0.001	12.67	
1/30/2014 0:00	39258	7.224	214.9	10.69	11.74	4.453	221.6	12.77	8.16	30.77	29.62	37.64	32.88	0	0	26.1	3.872	0	12.58	
1/30/2014 1:00	39259	6.974	220.4	10.41	11.74	4.49	225.2	11.51	8.16	29.62	28.7	39.25	34.28	0	0	26.08	3.872	0	12.56	
1/30/2014 2:00	39260	6.204	223.8	10.25	11.74	3.821	231.5	14.78	8.16	28.92	27.58	40.51	35.83	0	0	26.05	3.872	0	12.52	
1/30/2014 3:00	39261	5.578	221.4	6.112	8.16	3.067	260.4	19.85	6.368	28.2	26.14	41.6	37.61	0	0	26.03	3.872	0	12.62	
1/30/2014 4:00	39262	5.531	226.8	2.212	8.16	2.641	246.1	17.04	4.578	28.04	25.9	42.57	38.56	0	0	26.01	3.869	-0.003	12.46	
1/30/2014 5:00	39263	5.332	231	11.34	8.16	2.284	241.7	11.26	6.368	27.86	26.1	44.41	39.66	0	0	26	3.872	0.003	12.49	
1/30/2014 6:00	39264	5.706	236.8	7.309	8.16	2.914	239.5	12.36	4.578	27.38	25.83	46.22	41.28	0	0	25.99	3.872	0	12.37	
1/30/2014 7:00	39265	4.822	226.7	12.45	8.16	0.925	255.2	8.81	4.578	27.34	25.65	47.05	41.97	0	0	25.98	3.872	0	12.53	
1/30/2014 8:00	39266	5.297	236.1	6.657	9.95	2.693	244.9	27.5	4.578	27.89	25.81	47.98	43.01	0	3.447	25.99	3.872	0	12.53	
1/30/2014 9:00	39267	7.203	234.7	9.33	11.74	5.229	233.7	12.77	9.95	29.75	29.12	48.63	42.21	0	93.1	26	3.872	0	12.54	
1/30/2014 10:00	39268	9.31	228.9	8.1	15.31	7.572	228.3	9.44	11.74	37.24	37.17	40.29	35.14	0	239.3	26.05	3.871	-0.001	12.68	
1/30/2014 11:00	39269	10.95	226.6	7.355	15.31	8.76	225.3	9.53	15.31	42.6	42.87	35.89	31.08	0	361.7	26.1	3.86	-0.011	12.75	
1/30/2014 12:00	39270	12.15	222.7	9.14	18.89	9.4	221.8	11.01	17.1	54.37	54.87	26.99	23.06	0	551.6	26.14	3.856	-0.004	13.04	
1/30/2014 13:00	39271	12.43	235.9	12.14	20.68	10.19	233.1	13.68	17.1	64.75	64.93	18.66	15.6	0	665.1	26.19	3.855	-0.001	13.07	
1/30/2014 14:00	39272	13.49	234.1	12.33	22.47	10.8	231.5	14.06	20.68	70.55	70.67	15.39	12.88	0	503.5	26.18	3.857	0.003	12.99	
1/30/2014 15:00	39273	13.17	249.2	20.9	22.47	10.23	246	22.11	18.89	73.59	73.89	14.09	11.79	0	492.1	26.16	3.186	-0.672	13.07	
1/30/2014 16:00	39274	14.31	255.4	9.49	26.05	9.77	249.6	15.88	20.68	73.77	73.53	14.49	12.58	0	238.7	26.16	3.163	-0.022	13.13	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
1/30/2014 17:00	39275	8.4	225.1	18.5	15.31	5.689	221.7	19.68	13.52	71.35	70.56	14.81	12.92	0	104.5	26.14	3.16	-0.003	13.1
1/30/2014 18:00	39276	8.32	214.5	7.669	15.31	4.852	212.8	10.46	11.74	67.44	65.86	17.31	15.53	0	46.35	26.12	3.161	0.001	13.14
1/30/2014 19:00	39277	7.561	212	11.7	11.74	3.514	209.6	16.21	8.16	61.84	58.72	21.37	20.37	0	4.398	26.1	3.161	0.001	12.94
1/30/2014 20:00	39278	8.6	236.4	11.29	13.52	4.742	236.7	16.11	8.16	57.58	55.35	24.22	22.48	0	0.022	26.08	3.161	0	12.8
1/30/2014 21:00	39279	9.96	237.4	8.12	17.1	5.923	233.5	10.95	11.74	56.28	54.37	25.37	23.37	0	0.006	26.07	3.162	0	12.83
1/30/2014 22:00	39280	8.12	228.5	10.44	13.52	4.574	230.1	11.72	8.16	56.2	54.15	25.89	24.01	0	0.014	26.07	3.162	0	13
1/30/2014 23:00	39281	9.42	215.1	8.37	17.1	5.473	216.4	11.43	11.74	57.3	54.9	25.94	24.59	0	0.012	26.07	3.162	0	12.91
1/31/2014 0:00	39282	9.49	220.9	7.491	13.52	5.782	219.9	10.5	9.95	56.53	54.49	27.73	26.18	0	0.014	26.08	3.162	0	12.99
1/31/2014 1:00	39283	7.679	262	35.66	20.68	4.748	272.4	41.83	11.74	57.58	55.33	27.76	26.6	0	0.009	26.09	3.162	0	12.92
1/31/2014 2:00	39284	7.093	237.7	19.81	13.52	4.118	237.3	25.3	8.16	56.64	54.44	28.69	27.48	0	0.01	26.08	3.162	0	12.99
1/31/2014 3:00	39285	8.03	238.6	7.381	11.74	3.671	242.1	15.51	6.368	53.94	50.76	31.55	31.27	0	0.007	26.06	3.159	-0.003	12.75
1/31/2014 4:00	39286	7.572	266.7	12.99	13.52	4.068	249.3	19.48	8.16	52.43	49.97	34.16	33.27	0	0.002	26.05	3.159	0	12.77
1/31/2014 5:00	39287	7.086	278.3	3.43	11.74	3.781	252	21.75	8.16	52.53	49.4	34.97	34.85	0	0.001	26.04	3.159	0	12.74
1/31/2014 6:00	39288	7.331	300	7.961	11.74	3.86	304.2	13.84	8.16	52.15	48.19	36.31	37.23	0	0	26.05	3.159	0	12.68
1/31/2014 7:00	39289	7.627	299.4	8.05	11.74	4.102	294.2	18.5	6.368	51.72	48.23	37.83	38.49	0	0	26.07	3.159	0	12.77
1/31/2014 8:00	39290	7.088	280	6.835	9.95	3.495	276.2	15.9	6.368	51.43	48.35	39.39	39.53	0	4.061	26.08	3.159	0	12.92
1/31/2014 9:00	39291	6.433	269.1	23.81	9.95	3.091	271.6	39.68	6.368	51.33	48.67	40.7	40.48	0	49.75	26.1	3.159	0	12.74
1/31/2014 10:00	39292	7.613	274.5	9.23	11.74	5.38	272.8	14.82	9.95	57.02	55.78	34.98	33.99	0	163.1	26.13	3.159	0	12.91
1/31/2014 11:00	39293	7.542	243.4	21.48	13.52	5.523	236.4	22	9.95	60.71	60.39	31.91	29.9	0	241.6	26.17	3.158	-0.001	12.92
1/31/2014 12:00	39294	8.96	229.8	19.35	15.31	6.603	224.5	18.06	11.74	63.91	63.93	28.95	26.83	0	309.8	26.2	3.13	-0.029	12.99
1/31/2014 13:00	39295	10.73	226.5	12.61	18.89	7.9	222.8	13.28	13.52	67.3	67.72	25.89	23.57	0	503.1	26.2	3.1	-0.029	13.03
1/31/2014 14:00	39296	12.72	242.7	13.48	22.47	8.77	235.1	16.86	20.68	68.96	69.28	25.49	23.41	0	401	26.19	3.09	-0.01	12.87
1/31/2014 15:00	39297	17.84	233.7	12.19	31.42	12.92	228.9	13.22	22.47	71.25	71.7	23.37	21.39	0	552.2	26.16	3.056	-0.035	13.14
1/31/2014 16:00	39298	21.44	231.1	9.8	33.21	15.68	227	10.88	26.05	72.25	72.32	19.21	17.36	0	308.2	26.14	3.052	-0.003	13.11
1/31/2014 17:00	39299	21.02	243	8.7	33.21	14.1	235.8	12.98	26.05	71.73	71.57	20.45	18.7	0	219.9	26.12	3.04	-0.013	13.2
1/31/2014 18:00	39300	11.14	242	6.213	29.63	7.631	230.8	11.21	24.26	70.48	69.83	21.45	20.05	0	79.36	26.11	3.04	0	13.2
1/31/2014 19:00	39301	10.87	217.2	10.29	17.1	6.972	212.7	10.58	13.52	67.62	66.29	23.07	21.89	0	5.862	26.1	3.04	0	12.82
1/31/2014 20:00	39302	10.19	211.2	4.92	15.31	6.09	208.3	11.2	9.95	64.31	62.55	25.27	24.14	0	0.09	26.09	3.041	0	13.12
1/31/2014 21:00	39303	8.94	214	6.622	13.52	4.774	206	14.61	9.95	60.29	58.15	29.88	28.9	0	0.04	26.08	3.038	-0.003	12.94
1/31/2014 22:00	39304	3.964	248.8	13.82	8.16	1.082	286.2	20.33	4.578	56.66	52.86	34.41	34.98	0	0.01	26.06	3.038	0	12.87
1/31/2014 23:00	39305	5.336	228.3	13.27	9.95	1.083	255.6	13.35	4.578	54.33	50.43	37.12	37.89	0	0.002	26.05	3.039	0.001	12.93
2/1/2014 0:00	39306	6.448	217.5	8.35	11.74	3.043	225.4	35.12	8.16	54.79	51.47	38.68	39.19	0	0.001	26.02	3.039	0	12.81
2/1/2014 1:00	39307	7.99	213.3	6.192	13.52	4.735	205.4	21.12	9.95	53.78	51.89	41.25	40.05	0	0.003	26.02	3.039	0	12.84
2/1/2014 2:00	39308	6.527	245.2	25.29	15.31	3.838	229.6	20.46	9.95	54.19	53.15	44.44	41.73	0	0.006	26.02	3.039	0	12.91
2/1/2014 3:00	39309	5.159	264.9	4.091	8.16	2.653	258.6	25.96	4.578	50.51	48.75	54.23	50.6	0	0.003	26.02	3.039	0	12.87
2/1/2014 4:00	39310	5.498	262.8	5.34	9.95	2.619	217.5	33.29	4.578	48.12	45.94	61.39	57.31	0	0.001	26.01	3.039	0	12.96
2/1/2014 5:00	39311	5.263	213.4	19.06	9.95	2.484	250.2	38.97	6.368	46.79	44.37	61.63	58.44	0	0	25.99	3.039	0	12.78
2/1/2014 6:00	39312	6.638	207.6	1.798	11.74	3.224	316.3	10.32	8.16	46.94	43.46	58.68	58.2	0	0	25.99	3.039	0	12.93
2/1/2014 7:00	39313	9.97	222.8	12.76	17.1	6.694	297.8	10.69	13.52	49.56	47.13	50.18	49.35	0	0	26	3.039	0	12.89
2/1/2014 8:00	39314	10.19	243.3	0	15.31	6.972	306.8	7.149	11.74	50.13	48.53	49.82	47.42	0	6.223	26.04	3.039	0	12.9
2/1/2014 9:00	39315	6.996	253.7	29.72	11.74	4.862	261.6	46.72	9.95	53.27	52.29	45.82	43.42	0	98.8	26.08	3.039	0	12.99
2/1/2014 10:00	39316	4.696	183.4	55.54	11.74	3.327	231.5	44.66	9.95	59.2	59.4	38.89	36.34	0	352.3	26.13	2.904	-0.134	13.05
2/1/2014 11:00	39317	13.62	218.7	17.19	22.47	10.93	283.7	15	17.1	64.93	65.26	30.49	28.6	0	498.6	26.2	2.885	-0.02	13.04
2/1/2014 12:00	39318	13.03	245.1	5.683	20.68	10.06	266.3	18.85	18.89	66.6	67.27	28.28	25.99	0	550.9	26.21	2.865	-0.019	12.93
2/1/2014 13:00	39319	11.23	262.5	11.51	20.68	8.38	256.2	21.33	15.31	67.37	67.95	27.33	25.08	0	467.4	26.21	2.865	0	13.35

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/1/2014 14:00	39320	15.97	246.3	14.05	36.78	11.41	239.2	17.49	27.84	68.35	68.84	25.03	22.79	0	513.5	26.17	2.843	-0.022	13.3
2/1/2014 15:00	39321	16.87	259.2	14.68	29.63	11.98	253	19.7	26.05	68.54	68.99	24.23	21.96	0	369.3	26.16	2.843	0	13.26
2/1/2014 16:00	39322	16.82	250.4	14.67	27.84	11.89	244	18.93	22.47	68.37	68.59	23.42	21.23	0	301.5	26.15	2.815	-0.028	13.34
2/1/2014 17:00	39323	17.03	265.6	19.38	29.63	12.64	261.9	23.84	24.26	67.39	67.32	23.89	21.8	0	185.8	26.14	2.815	0	13.17
2/1/2014 18:00	39324	14.34	337.3	21.67	24.26	10.19	48.37	51.13	20.68	58.57	58.62	36.29	33.36	0	70.51	26.14	2.816	0	13.05
2/1/2014 19:00	39325	15.29	353.6	1.664	22.47	10.05	69.3	15.62	18.89	53.09	52.92	43.81	40.08	0	14.72	26.13	2.813	-0.003	12.87
2/1/2014 20:00	39326	15.93	19.07	17.64	26.05	10.23	70.82	16.17	20.68	49.56	49.35	47.82	43.17	0	0.003	26.13	2.813	0.001	12.85
2/1/2014 21:00	39327	18.13	62.48	16.87	27.84	11.82	69.39	15.86	22.47	46.75	46.59	50.02	44.68	0	0.001	26.13	2.813	0	12.78
2/1/2014 22:00	39328	20.69	71.26	7.186	31.42	13.89	66.09	14.49	24.26	44.36	44.27	52.84	46.73	0	0	26.14	2.813	0	12.79
2/1/2014 23:00	39329	22.15	62.57	9.27	34.99	14.64	58.75	14.76	27.84	41.77	41.79	53.17	46.64	0	0	26.15	2.813	0	12.6
2/2/2014 0:00	39330	18.76	55.17	10.48	31.42	11.82	50.24	15.01	22.47	37.94	37.96	61.06	54.01	0	0	26.19	2.814	0.001	12.56
2/2/2014 1:00	39331	19.44	41.51	12.03	31.42	11.18	37.51	13.19	24.26	34.63	34.49	77.34	68.67	0	0	26.17	2.814	0	12.44
2/2/2014 2:00	39332	19.01	53.91	10.02	31.42	11.65	49.34	14.46	24.26	33.04	32.98	82.2	71.94	0	0	26.16	2.814	0	12.35
2/2/2014 3:00	39333	19.82	57.83	10.38	31.42	12.73	53.58	15.56	26.05	31.71	31.7	83.8	72.97	0	0	26.18	2.815	0	12.17
2/2/2014 4:00	39334	16.69	36.93	11.29	27.84	9.82	32.57	12.99	20.68	31	31.06	83.1	72.17	0	0	26.2	2.811	-0.003	12.51
2/2/2014 5:00	39335	13.55	40.45	10.72	22.47	8.02	36.32	12.87	17.1	30.64	30.7	85.4	73.84	0	0	26.21	2.812	0	12.48
2/2/2014 6:00	39336	11.88	40.55	11.67	18.89	6.945	35.88	13.5	15.31	30.17	30.19	90.8	78.33	0.01	0	26.22	2.812	0	12.41
2/2/2014 7:00	39337	10.71	41.93	11.96	20.68	6.403	37.19	14.84	18.89	28.78	28.72	96.6	83.8	0.01	0	26.24	2.815	0.004	12.55
2/2/2014 8:00	39338	8.14	45.12	15.81	15.31	5.108	40.89	17.79	13.52	27.84	27.74	96.1	83.8	0.01	1.192	26.28	2.815	0	12.51
2/2/2014 9:00	39339	11.14	37.25	12.7	18.89	6.747	32.59	14.31	13.52	27.32	27.32	94.5	83.1	0.01	37.86	26.29	2.812	-0.003	12.46
2/2/2014 10:00	39340	12.74	37.92	12.02	20.68	7.681	33.77	13.4	18.89	27.32	27.4	89.4	80.9	0	153.8	26.32	2.812	0	12.46
2/2/2014 11:00	39341	11.85	25.46	11.27	18.89	8.21	22.18	12.99	17.1	28.02	28.21	84.3	77.11	0.01	229.6	26.35	2.815	0.003	12.51
2/2/2014 12:00	39342	11.96	30.02	11.27	18.89	8.13	26.22	13.6	17.1	28.52	29.16	81.9	72.45	0	368.5	26.36	2.814	-0.001	12.56
2/2/2014 13:00	39343	10.98	23.94	12.07	18.89	7.975	20.68	14.31	15.31	28.86	29.64	80.4	70.78	0	311.8	26.36	2.814	0	12.54
2/2/2014 14:00	39344	9.21	29.5	14.13	13.52	6.427	24.47	16.48	11.74	29.95	30.82	79.3	69.97	0	385.6	26.34	2.814	0	12.59
2/2/2014 15:00	39345	7.416	43.19	15.67	11.74	4.992	37.45	18.52	11.74	30.94	31.78	79.83	70.42	0	275.7	26.34	2.814	0	12.51
2/2/2014 16:00	39346	6.49	57.29	16.52	11.74	4.436	51.32	21.41	9.95	32.13	32.97	79.64	70.29	0	228.9	26.34	2.814	0	12.61
2/2/2014 17:00	39347	6.233	63.88	19.08	11.74	4.537	59.25	24.06	9.95	32.88	33.7	79.41	69.87	0	210.5	26.32	2.814	0	12.76
2/2/2014 18:00	39348	4.589	64.04	17.3	8.16	3.238	58.78	24.98	6.368	33.07	33.37	79.86	70.22	0	60.37	26.32	2.814	0	12.63
2/2/2014 19:00	39349	4.472	82.5	10.31	8.16	3.327	87	20.4	6.368	32.63	32.7	81.4	71.55	0	5.014	26.31	2.814	0	12.56
2/2/2014 20:00	39350	5.454	95.5	0.984	8.16	3.618	126.2	17.64	6.368	32.14	31.99	84.7	74.48	0	0	26.31	2.814	0	12.49
2/2/2014 21:00	39351	5.488	99.7	3.375	8.16	3.808	137.3	16.68	6.368	31.8	31.74	86.5	75.84	0	0	26.32	2.814	0	12.55
2/2/2014 22:00	39352	7.2	104.5	1.034	9.95	4.808	141	14.54	8.16	31.27	31.33	88.8	77.35	0	0	26.31	2.814	0	12.48
2/2/2014 23:00	39353	6.366	104.5	2.084	9.95	4.341	124.9	17.96	8.16	30.85	30.9	90.4	78.64	0	0	26.31	2.814	0	12.46
2/3/2014 0:00	39354	7.07	110.4	1.178	9.95	4.752	136.7	15.14	8.16	30.61	30.69	91.5	79.44	0	0	26.3	2.814	0	12.56
2/3/2014 1:00	39355	7.293	112	0.551	13.52	4.934	148	15.6	9.95	30.23	30.31	92.5	80.2	0	0	26.3	2.815	0	12.55
2/3/2014 2:00	39356	6.216	111.7	1.644	9.95	4.199	131.8	16.15	8.16	29.94	30.02	92.4	79.97	0	0	26.27	2.815	0	12.54
2/3/2014 3:00	39357	6.139	114.6	0.85	9.95	4.157	147.6	20.19	8.16	29.86	29.95	94	81	0	0	26.26	2.815	0	12.33
2/3/2014 4:00	39358	7.908	121.2	6.447	13.52	5.209	155.4	19.75	9.95	29.88	30	96.4	82.7	0	0	26.25	2.815	0	12.41
2/3/2014 5:00	39359	12.05	158.1	11.85	18.89	7.78	160.8	16.13	15.31	29.64	29.72	97.5	83.9	0	0	26.23	2.815	0	12.34
2/3/2014 6:00	39360	7.923	164.8	12.38	15.31	5.195	165.6	17.5	11.74	29.41	29.52	98	84	0	0	26.23	2.815	0	12.46
2/3/2014 7:00	39361	5.481	150.3	15.9	9.95	3.661	150.9	20.31	8.16	29.61	29.75	99.2	85.1	0	0	26.23	2.815	0	12.34
2/3/2014 8:00	39362	7.765	148.5	9.24	13.52	5.031	152.2	15.17	9.95	29.73	29.83	99.8	85.9	0	1.03	26.23	2.815	0	12.55
2/3/2014 9:00	39363	10.58	146.5	9.91	17.1	6.888	147.9	15.3	13.52	30.05	30.14	99.9	86.5	0	23.82	26.22	2.815	0	12.47
2/3/2014 10:00	39364	9.55	138.6	10.65	15.31	6.427	140.2	16.94	11.74	30.2	30.47	99.8	86.8	0	71.55	26.23	2.814	0	12.65

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
2/3/2014 11:00	39365	8.21	141.7	12.55	13.52	5.515	143.1	17.85	9.95	30.72	31.27	99.6	86.9		0	115.4	26.25	2.814	0	12.67
2/3/2014 12:00	39366	10.75	141.4	11.76	17.1	7.055	142.7	17.99	11.74	31.2	31.88	99.5	86.7		0	128.8	26.22	2.814	0	12.67
2/3/2014 13:00	39367	8.85	147.7	12.89	13.52	5.989	149.4	17.54	9.95	31.33	31.84	99.7	86.4		0	97.3	26.2	2.814	0	12.93
2/3/2014 14:00	39368	9.64	137.9	12.2	17.1	6.499	138.9	17.37	11.74	31.96	32.65	99.9	86.9		0	164.6	26.15	2.814	0	12.86
2/3/2014 15:00	39369	11.17	137.4	10.23	17.1	7.36	139.7	16.01	13.52	32.2	32.84	99.9	87		0	119.7	26.11	2.814	0	12.89
2/3/2014 16:00	39370	10.75	132.1	10.26	17.1	7.059	132.5	15.98	13.52	31.85	32.31	99.9	87.1		0	77.34	26.08	2.814	0	12.8
2/3/2014 17:00	39371	10.73	132.1	10.07	17.1	6.993	132.9	16.23	13.52	31.63	31.93	99.9	87.2		0	57.47	26.06	2.814	0	12.72
2/3/2014 18:00	39372	9.24	124.4	10.91	13.52	6.293	124.9	17.01	11.74	31.64	31.76	99.9	89.4		0	25.4	26.05	2.814	0	12.83
2/3/2014 19:00	39373	9.19	125	10.28	13.52	6.135	125.2	16.46	11.74	31.62	31.65	99.9	89.8		0	4.441	26.04	2.814	0	12.63
2/3/2014 20:00	39374	7.179	115.7	19.06	11.74	5.094	115	24.82	9.95	31.79	31.78	99.9	89.2		0	0	26.05	2.814	0	12.78
2/3/2014 21:00	39375	7.742	89.6	10.48	13.52	5.359	87.3	17.97	9.95	32.11	32.16	99.9	87.9		0	0	26.04	2.814	0	12.89
2/3/2014 22:00	39376	7.049	96.5	13.8	11.74	4.941	94.4	19.46	8.16	32.33	32.52	99.9	87		0	0	26.05	2.814	0	12.77
2/3/2014 23:00	39377	9.11	78.1	9.16	17.1	6.062	74.94	17.25	13.52	31.33	31.24	99.9	87.1		0	0	26.04	2.814	0	12.66
2/4/2014 0:00	39378	7.25	86.8	12.29	13.52	5.064	84.7	19.85	9.95	30.62	30.71	99.9	88.8		0	0	26.04	2.814	0	12.5
2/4/2014 1:00	39379	9.55	100.5	16.77	20.68	6.947	99.2	22.97	17.1	30.46	30.53	99.9	90		0	0	26.02	2.815	0	12.58
2/4/2014 2:00	39380	3.638	118.7	9.02	11.74	2.352	110	68.36	9.95	30.65	30.66	99.9	89.4		0	0	26.05	2.815	0	12.61
2/4/2014 3:00	39381	3.961	87.6	22.54	6.368	2.597	81.3	50.04	6.368	30.86	30.93	99.9	89.3		0	0	26.05	2.814	0	12.58
2/4/2014 4:00	39382	6.122	133	8.8	9.95	4.039	136.1	17.3	8.16	30.93	30.97	99.9	89.1		0	0	26.03	2.814	0	12.6
2/4/2014 5:00	39383	7.064	159.3	6.217	11.74	4.651	171.6	20.86	8.16	31.15	31.16	99.9	89		0	0	26.02	2.814	0	12.44
2/4/2014 6:00	39384	9.1	185.2	11.16	15.31	6.208	195.9	15.03	11.74	31.79	31.77	99.9	89.4		0	0	26.02	2.814	0	12.37
2/4/2014 7:00	39385	12.43	207.6	9.38	18.89	8.7	208.3	13.27	15.31	32.04	32.02	99.9	89.6		0	0	26.02	2.814	0	12.54
2/4/2014 8:00	39386	14.33	209.8	9.43	22.47	10.14	211.8	11.91	17.1	32.42	32.53	99.9	89.1		0	1.438	26.02	2.814	0	12.29
2/4/2014 9:00	39387	12.5	219.1	8.78	20.68	9.02	219.6	10.91	17.1	32.37	32.48	99.9	88.9		0	56.9	26.04	2.814	0	12.31
2/4/2014 10:00	39388	11.85	222.9	8.36	17.1	8.74	222.9	10.49	13.52	34.42	35.04	99.3	90		0	317.7	26.07	2.814	0	12.67
2/4/2014 11:00	39389	12.82	248.5	16.38	20.68	9.17	243.3	19.11	17.1	39.98	41.21	88.7	77.42		0	538.3	26.13	2.813	-0.001	12.73
2/4/2014 12:00	39390	17.86	277	13.02	27.84	13.86	273.6	17.12	24.26	46.76	47.42	60.06	55.95		0	676.6	26.17	2.816	0.002	12.61
2/4/2014 13:00	39391	17.81	285.8	10.83	27.84	13.78	282.7	16.2	22.47	49.17	50.09	51.69	47.38		0	753.1	26.18	2.816	0	12.7
2/4/2014 14:00	39392	17.96	282.3	11.28	27.84	14.15	279.5	15.82	26.05	51.2	52.27	41.7	38.75		0	748.9	26.17	2.816	0	12.6
2/4/2014 15:00	39393	19.51	278.8	12.03	29.63	15.18	275.6	16.21	26.05	52.69	53.59	36.32	33.65		0	637.4	26.17	2.787	-0.029	12.74
2/4/2014 16:00	39394	16.73	276	13.93	26.05	12.96	272.9	18.82	22.47	53.95	54.74	33.86	31.14		0	563.1	26.17	2.771	-0.016	12.86
2/4/2014 17:00	39395	16.35	285	11.44	26.05	12.8	282.7	15.79	20.68	54.35	54.76	31.49	29.01		0	345.6	26.18	2.768	-0.003	12.77
2/4/2014 18:00	39396	16.03	283.5	11.97	26.05	12.55	281.2	15.61	22.47	54.36	54.35	26.16	23.65		0	186.1	26.19	2.768	0	12.82
2/4/2014 19:00	39397	7.495	301	8.18	18.89	4.847	300.6	10.28	15.31	50.51	48.95	29.83	28.84		0	14.77	26.2	2.769	0.001	12.61
2/4/2014 20:00	39398	4.734	256.6	32.76	8.16	2.29	220.5	66.72	4.578	46.88	41.99	35.52	40.17		0	0	26.2	2.769	0	12.53
2/4/2014 21:00	39399	4.018	303.6	14.16	6.368	1.291	328.2	11.33	4.578	45.22	39.88	38.58	44.53		0	0	26.2	2.767	-0.002	12.58
2/4/2014 22:00	39400	4.771	302.4	51.92	22.47	2.308	54.29	61.1	17.1	42.92	36.43	43.98	54		0	0	26.2	2.767	0	12.48
2/4/2014 23:00	39401	15.15	52.95	9.36	24.26	9.06	47.33	14.1	18.89	35.64	35.23	79.12	69.84		0	0	26.24	2.767	0	12.61
2/5/2014 0:00	39402	15.05	50.88	9.47	24.26	8.99	45.75	14.01	18.89	31.76	31.46	83.3	73.07		0	0	26.26	2.767	0	12.52
2/5/2014 1:00	39403	15.86	48.48	8.98	33.21	8.83	42.52	12.91	18.89	29.17	28.92	83.8	73.16		0	0	26.26	2.768	0.001	12.45
2/5/2014 2:00	39404	15.41	52.87	10.28	26.05	9.47	48.34	14.56	17.1	27.49	27.25	84.5	73.45		0	0	26.28	2.768	0	12.27
2/5/2014 3:00	39405	15.78	49.74	9.76	27.84	9.13	43.57	13.54	20.68	25.64	25.44	85.6	74.12		0	0	26.29	2.768	0	12.21
2/5/2014 4:00	39406	16.85	51.01	9.66	27.84	9.92	45.94	14.23	20.68	24.41	24.24	85.9	74.15		0	0	26.3	2.771	0.003	12.32
2/5/2014 5:00	39407	18.92	50.52	10.25	31.42	10.95	43.82	14.34	24.26	24.5	24.5	84.9	73.1		0	0	26.32	2.771	0	12.2
2/5/2014 6:00	39408	15.95	45.11	10.52	27.84	9.19	39.59	12.9	22.47	23.96	24.01	82.9	71.23		0	0	26.36	2.771	0	12.3
2/5/2014 7:00	39409	14.18	42.66	10.65	24.26	8.23	37.97	13.04	20.68	22.4	22.36	77.56	66.7		0	0	26.4	2.771	0	12.85

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/5/2014 8:00	39410	15.19	39.17	10.49	26.05	8.78	34.8	11.7	18.89	21.41	21.46	78.92	67.39	0	1.803	26.41	2.771	0	12.27
2/5/2014 9:00	39411	15.36	45.01	9.89	24.26	8.71	38.89	12.63	18.89	19.35	19.58	76.91	65.51	0	80.5	26.44	2.772	0	12.29
2/5/2014 10:00	39412	14.32	48.75	11.84	22.47	8.67	43.82	15.39	20.68	18.8	19.3	70.48	59.89	0	195.5	26.48	2.768	-0.003	12.21
2/5/2014 11:00	39413	13.57	58.16	12.77	20.68	8.74	53.69	17.15	17.1	19.82	20.64	66.03	55.79	0	199.9	26.51	2.771	0.003	12.27
2/5/2014 12:00	39414	12.95	68.02	14.37	22.47	8.74	63.7	19.01	17.1	20.66	21.9	63.06	53.03	0	313.3	26.51	2.771	0	12.42
2/5/2014 13:00	39415	14.46	56.68	14.31	22.47	9.31	51.18	18.24	20.68	22	23.51	59.93	50.13	0	480.6	26.49	2.771	0	12.5
2/5/2014 14:00	39416	14.63	52.54	13.51	24.26	9.16	47.15	17.01	17.1	22.43	23.67	57.33	48.07	0	385.1	26.46	2.771	0	12.48
2/5/2014 15:00	39417	13.43	56.09	13.53	22.47	8.56	51.2	17.67	17.1	23.27	24.48	55.23	46.42	0	276.7	26.44	2.771	0	12.39
2/5/2014 16:00	39418	15.3	66.89	10.86	22.47	10.21	61.8	16.18	17.1	24.32	25.48	54.01	45.46	0	246.2	26.42	2.771	0	12.5
2/5/2014 17:00	39419	16.17	78.83	12.17	24.26	10.69	75.36	18.76	18.89	24.84	25.7	56.24	47.44	0	153.7	26.41	2.771	0	12.56
2/5/2014 18:00	39420	14.34	72	11.62	22.47	9.6	68.08	17.96	18.89	24.39	24.81	61.9	52.39	0	45.95	26.41	2.771	0	12.47
2/5/2014 19:00	39421	15.34	83.4	8.63	24.26	9.97	81.1	16.34	18.89	22.94	23.2	68.13	57.69	0	3.283	26.41	2.771	0	12.22
2/5/2014 20:00	39422	14.55	78.17	9.25	22.47	9.54	74.05	16.81	17.1	21.69	21.91	70.91	60.07	0	0	26.42	2.771	0	12.2
2/5/2014 21:00	39423	14.48	85.8	8.58	22.47	9.51	82.9	16.37	17.1	20.62	20.84	72.93	61.65	0	0	26.42	2.771	0	12.21
2/5/2014 22:00	39424	14.9	81	9.32	24.26	9.72	78.31	16.9	17.1	19.6	19.83	74.18	62.64	0	0	26.43	2.771	0	12.79
2/5/2014 23:00	39425	14.16	80.2	9.75	22.47	9.26	76.54	16.76	17.1	18.06	18.29	75.98	63.97	0	0	26.43	2.769	-0.003	12.27
2/6/2014 0:00	39426	13.82	69.5	9.36	20.68	9.37	65.08	15.16	17.1	17.07	17.3	75.48	63.52	0	0	26.43	2.769	0	12.25
2/6/2014 1:00	39427	13.44	57.85	10.6	26.05	8.6	52.88	16.1	20.68	16.6	16.81	71.56	60.28	0	0	26.42	2.769	0	12.23
2/6/2014 2:00	39428	13.11	55.2	11.19	20.68	8.25	50.49	15.48	15.31	15.8	16.01	68.62	57.68	0	0	26.41	2.769	0	12.15
2/6/2014 3:00	39429	14.45	67.8	9.77	22.47	9.72	63.74	15.76	17.1	14.88	15.14	69.19	57.88	0	0	26.4	2.769	0	13.01
2/6/2014 4:00	39430	13.32	68.12	9.65	18.89	8.98	63.43	16.14	17.1	14.4	14.66	70.31	58.75	0	0	26.39	2.769	0	13.02
2/6/2014 5:00	39431	11.17	73.34	10.59	17.1	7.544	69.29	17.02	13.52	13.92	14.21	71.92	59.97	0	0	26.39	2.775	0.006	12.18
2/6/2014 6:00	39432	8.07	76.45	13.81	13.52	5.622	72.04	19.55	9.95	13.78	14.08	73.7	61.48	0	0	26.4	2.788	0.013	12.18
2/6/2014 7:00	39433	7.877	69.94	10.36	11.74	5.428	65.81	16.91	9.95	13.6	13.87	75.11	62.75	0	0	26.41	2.807	0.019	12.89
2/6/2014 8:00	39434	8.22	69.02	12.48	13.52	5.54	64.18	18.48	9.95	13.38	13.64	76.12	63.7	0	1.2	26.41	2.835	0.029	12.77
2/6/2014 9:00	39435	9.02	71.27	11.43	13.52	6.147	67.18	17.9	9.95	13.23	13.66	78.18	65.26	0	39.28	26.41	2.854	0.019	12.2
2/6/2014 10:00	39436	8.06	71.79	12.43	11.74	5.747	67.51	19.41	9.95	13.84	14.69	76.58	63.79	0	148.6	26.42	2.861	0.006	12.15
2/6/2014 11:00	39437	6.672	78.02	16.49	11.74	5.061	72.32	22.81	9.95	15.23	16.25	74.49	62.08	0	245.2	26.44	2.861	0	12.51
2/6/2014 12:00	39438	5.412	96.1	32.16	9.95	4.271	92.9	40.18	8.16	17.55	18.54	70.58	59.21	0	369.7	26.45	2.86	-0.001	12.51
2/6/2014 13:00	39439	4.011	109.9	57.87	9.95	3.007	104.1	58.4	8.16	20.7	21.39	64.94	55.02	0	394.1	26.44	2.86	0	12.5
2/6/2014 14:00	39440	5.178	152.8	39.46	11.74	4.014	153.7	48.15	9.95	21.35	22.3	64.66	53.76	0	444.4	26.42	2.859	-0.001	12.66
2/6/2014 15:00	39441	4.093	58.24	86.7	9.95	3.369	49.62	85.7	9.95	25.75	26.46	56.67	48.74	0	679.8	26.4	2.859	0	12.6
2/6/2014 16:00	39442	5.203	73.51	53.36	9.95	3.984	63.59	56.01	9.95	27.41	28.05	54.7	47.49	0	614.4	26.41	2.861	0.002	12.86
2/6/2014 17:00	39443	5.747	149.6	29.61	11.74	4.436	150.6	38.46	11.74	27.19	28.14	56.63	47.47	0	328.5	26.39	2.858	-0.003	12.73
2/6/2014 18:00	39444	5.814	151.3	21.02	11.74	4.276	153.6	26.94	8.16	25.98	26.48	59.69	50.34	0	113.7	26.35	2.859	0.001	12.83
2/6/2014 19:00	39445	8.78	151.2	11.16	15.31	5.8	151.9	16.52	11.74	23.97	24.17	66.19	55.86	0	12.16	26.32	2.859	0.001	12.49
2/6/2014 20:00	39446	9.08	137.7	10.78	13.52	5.957	137.4	16.58	11.74	21.3	21.36	75.36	63.51	0	0	26.3	2.86	0	12.39
2/6/2014 21:00	39447	9.3	131.7	8.94	13.52	6.164	131.3	15.07	11.74	20.42	20.53	77.44	65.43	0	0	26.29	2.867	0.007	12.45
2/6/2014 22:00	39448	8.84	141	12.06	13.52	5.793	141.8	17.3	9.95	20.07	20.17	77.22	65.28	0	0	26.29	2.876	0.01	12.49
2/6/2014 23:00	39449	7.687	146.8	12.94	11.74	5.111	146.9	17.69	9.95	20.03	20.15	77.25	65.29	0	0	26.28	2.883	0.006	12.53
2/7/2014 0:00	39450	7.583	149.2	11.91	13.52	5.071	151.1	17.33	9.95	20.09	20.26	76.97	65.08	0	0	26.27	2.886	0.003	12.17
2/7/2014 1:00	39451	9.6	143.6	10.28	15.31	6.264	145.1	16.03	11.74	19.57	19.6	78.97	66.79	0	0	26.24	2.889	0.003	12.2
2/7/2014 2:00	39452	10.36	158	9.5	15.31	6.718	158.3	14.9	11.74	19.86	20	78.6	66.48	0	0	26.23	2.889	0	12.21
2/7/2014 3:00	39453	9.19	151.2	11.28	13.52	6.025	152.2	16.63	9.95	20.08	20.18	77.84	65.91	0	0	26.21	2.889	0	12.3
2/7/2014 4:00	39454	8.39	154.2	13.43	13.52	5.568	155.6	18.54	9.95	20.11	20.26	77.23	65.49	0	0	26.2	2.889	0	12.23

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/7/2014 5:00	39455	8.26	181.3	32.47	17.1	5.841	183.4	34.82	13.52	20.37	20.54	76.54	64.87	0	0	26.2	2.889	0	12.27
2/7/2014 6:00	39456	9.07	155.6	11.43	13.52	6.072	156.6	15.74	11.74	20.41	20.52	76.43	64.85	0	0	26.19	2.889	0	12.23
2/7/2014 7:00	39457	7.827	168.4	19.98	15.31	5.292	169.5	24.78	11.74	20.72	20.95	76.63	65.39	0	0	26.2	2.889	0	12.29
2/7/2014 8:00	39458	7.208	170.9	24.74	15.31	4.952	172.5	29.01	11.74	20.96	21.15	81.1	70.55	0.01	2.57	26.21	2.889	0	12.27
2/7/2014 9:00	39459	9.16	180.3	9.83	15.31	6.091	182	14.98	11.74	21.76	21.93	80.8	70.58	0	37.2	26.22	2.889	0	12.53
2/7/2014 10:00	39460	12.26	164	10.92	18.89	8.01	164.4	15.84	13.52	22.85	23.28	81.8	71.68	0.02	94.9	26.21	2.888	0	12.44
2/7/2014 11:00	39461	10.28	212.4	24.95	17.1	7.768	213	24.92	13.52	26.5	27.01	77.75	68.34	0	426	26.25	2.888	0	12.54
2/7/2014 12:00	39462	9.41	212	14.97	15.31	7.155	213.2	16.51	13.52	28.63	29.54	75.12	65.72	0	556.9	26.29	2.887	-0.001	12.58
2/7/2014 13:00	39463	8.74	222.1	22.48	15.31	6.998	221.7	23.68	13.52	33.62	34.35	66.36	58.94	0	724.6	26.32	2.886	-0.001	12.71
2/7/2014 14:00	39464	11.03	217.2	12.89	17.1	8.64	216.8	14.51	15.31	37.75	38.77	58.39	52.19	0	772	26.32	2.889	0.003	12.7
2/7/2014 15:00	39465	9.76	217.9	16.5	17.1	7.688	218.3	17.36	15.31	41.98	42.89	52.32	46.84	0	712.7	26.32	2.889	0	12.9
2/7/2014 16:00	39466	9.94	215.1	14.27	15.31	7.615	215.8	16.47	13.52	46.06	46.97	46.19	41.86	0	589.2	26.31	2.812	-0.076	12.89
2/7/2014 17:00	39467	10.37	208.8	12.57	15.31	7.828	209.3	14.79	13.52	49.45	50.26	40.86	37.57	0	411.3	26.3	2.72	-0.092	12.94
2/7/2014 18:00	39468	9.47	204.6	10.93	15.31	6.768	205.2	13.56	13.52	50.53	50.92	39.24	36.69	0	200.1	26.29	2.692	-0.029	13.03
2/7/2014 19:00	39469	6.75	183.9	10.56	9.95	3.19	178	18.45	8.16	46.44	44.79	46.27	45.12	0	17.7	26.28	2.686	-0.006	12.82
2/7/2014 20:00	39470	6.874	189.6	12.32	9.95	2.749	178.6	24.38	6.368	42.57	39.22	53.33	53.99	0	0.002	26.25	2.687	0	12.66
2/7/2014 21:00	39471	4.489	178.3	14.91	8.16	0.437	115.7	10.26	4.578	39.25	35.85	59.51	58.52	0	0	26.23	2.687	0.001	12.78
2/7/2014 22:00	39472	4.373	227.8	20.12	6.368	0.292	274.7	9.64	4.578	38.26	35.54	61.3	58.96	0	0	26.23	2.687	0	12.74
2/7/2014 23:00	39473	3.619	233.1	16.58	6.368	0.278	305.5	4.902	4.578	35.72	33.17	65.1	62.25	0	0	26.23	2.688	0	12.46
2/8/2014 0:00	39474	2.853	201.4	18.13	6.368	0.067	72.8	4.464	2.789	36.32	33.18	64.11	62.31	0	0	26.22	2.688	0	12.53
2/8/2014 1:00	39475	3.705	218.7	14.14	6.368	0.265	251.8	12.02	2.789	37.22	33.81	62.35	61.29	0	0	26.21	2.688	0	12.43
2/8/2014 2:00	39476	4.14	198.7	31.13	6.368	1.184	127.2	14.78	4.578	37.17	33.53	62.58	61.82	0	0	26.2	2.688	0	12.48
2/8/2014 3:00	39477	4.436	159.9	18.14	9.95	1.64	102.2	26.85	4.578	36.18	32.78	66.43	65	0	0	26.19	2.688	0	12.43
2/8/2014 4:00	39478	3.284	231.6	19.15	8.16	1.197	294.6	32.82	6.368	36.44	32.77	66.44	66.09	0	0	26.19	2.688	0	12.48
2/8/2014 5:00	39479	3.943	239.3	29.82	9.95	1.561	286.6	42.95	4.578	34.78	31.36	69.79	67.76	0	0	26.19	2.688	0	12.3
2/8/2014 6:00	39480	4.398	291.2	41.32	8.16	2.623	334.8	46.54	4.578	34.47	29.74	70.84	70.41	0	0	26.19	2.688	0	12.46
2/8/2014 7:00	39481	3.816	318.2	19.52	8.16	0.84	200.8	40.93	4.578	35.74	29.76	72.19	72.71	0	0	26.2	2.688	0	12.36
2/8/2014 8:00	39482	3.347	288.4	14.31	6.368	0.084	46.37	5.539	2.789	37.4	30.54	67.88	72.52	0	7.901	26.21	2.688	0	12.57
2/8/2014 9:00	39483	2.918	255.9	16.72	4.578	0.38	248.2	12.36	2.789	34.18	32.04	76.48	71.43	0	101.7	26.23	2.688	0	12.68
2/8/2014 10:00	39484	1.731	259.6	14.9	4.578	0.611	262.6	7.846	4.578	40.28	40.29	70.71	64.26	0	255.1	26.27	2.687	-0.001	12.8
2/8/2014 11:00	39485	6.131	282.5	13.54	13.52	4.917	280.2	19.1	11.74	48.81	49.34	52.12	47.92	0	497.9	26.34	2.68	-0.007	12.97
2/8/2014 12:00	39486	9.99	274.1	13.36	17.1	7.976	270.3	17.86	17.1	55.1	55.8	36.97	35.02	0	654.1	26.4	2.644	-0.035	12.96
2/8/2014 13:00	39487	12.14	279.3	12.33	20.68	9.7	277	16.57	17.1	59.11	59.93	29.6	27.49	0	692.8	26.42	2.628	-0.016	13.2
2/8/2014 14:00	39488	11.98	278.9	12.47	18.89	9.74	276.3	15.78	15.31	60.65	61.34	26.68	24.53	0	508	26.41	2.606	-0.022	13.27
2/8/2014 15:00	39489	14.29	270.4	11.88	22.47	11.59	266.5	14.3	18.89	61.6	62.36	24.25	21.83	0	580.8	26.38	2.574	-0.032	13.11
2/8/2014 16:00	39490	12.41	270.7	12.52	18.89	10.22	266.9	15.42	17.1	63.55	64.2	21.97	19.54	0	534.7	26.37	2.444	-0.13	13.13
2/8/2014 17:00	39491	13.83	261.8	12.41	20.68	11.2	258.7	15.13	18.89	65.29	65.63	20.16	17.88	0	397.5	26.37	2.415	-0.029	13.29
2/8/2014 18:00	39492	12.32	257.1	9.54	20.68	9.9	253.7	11.59	17.1	64.01	63.65	21.76	19.89	0	153.9	26.37	2.416	0	13.27
2/8/2014 19:00	39493	9.17	263.6	7.545	13.52	6.177	259.6	10.18	9.95	60.58	58.7	25.48	25.19	0	22.56	26.36	2.413	-0.003	12.98
2/8/2014 20:00	39494	4.767	232.1	47.8	9.95	2.321	219.2	61.99	6.368	55.38	51.95	30.77	32.05	0	0.03	26.34	2.413	0	12.86
2/8/2014 21:00	39495	4.175	158	43.18	8.16	1.897	90.3	15.42	6.368	53.73	46.85	32.23	38.83	0	0.002	26.32	2.414	0	12.87
2/8/2014 22:00	39496	6.54	232.8	65.29	11.74	3.34	276.4	66.41	6.368	53.34	44.76	32.67	42.67	0	0	26.3	2.414	0	12.81
2/8/2014 23:00	39497	5.213	307	38.86	9.95	3.256	343.5	48.28	6.368	50.63	44.3	37.04	43.67	0	0	26.3	2.414	0	12.9
2/9/2014 0:00	39498	5.559	298.1	36.36	11.74	2.715	288.3	20.57	8.16	48.83	44.7	41.24	44.08	0	0	26.29	2.414	0	12.83
2/9/2014 1:00	39499	5.331	301.2	10.19	8.16	1.518	308.5	16.09	4.578	47.43	42.18	43.25	47.24	0	0	26.28	2.414	0.001	12.76

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
2/9/2014 2:00	39500	5.643	279.4	31.21	11.74	2.762	281.8	36.43	6.368	46.26	41.92	45.88	48.92	0	0	26.27	2.415	0	12.73	
2/9/2014 3:00	39501	2.498	239.1	31.11	4.578	0	0	0	0	45.02	39.26	46.96	53.01	0	0	26.26	2.415	0	12.72	
2/9/2014 4:00	39502	5.54	254.1	17.69	9.95	1.588	273.1	23.69	4.578	43.13	37.42	51.37	55.78	0	0	26.24	2.415	0	12.6	
2/9/2014 5:00	39503	4.589	251.5	16.96	8.16	1.328	314.7	12.87	4.578	42.18	37	52.84	56.68	0	0	26.22	2.411	-0.003	12.71	
2/9/2014 6:00	39504	6.153	315.1	11.97	11.74	2.436	327.9	10.55	6.368	47.47	41.74	43.54	48.96	0	0	26.2	2.411	0	12.5	
2/9/2014 7:00	39505	6.388	293.4	43.47	11.74	2.698	267.7	36.37	8.16	48.41	43.92	43.19	46.54	0	0	26.2	2.415	0.003	12.7	
2/9/2014 8:00	39506	2.221	249.8	17.88	4.578	0.382	319.2	7.856	4.578	39.39	37.23	60.95	58.5	0	4.197	26.24	2.415	0	12.71	
2/9/2014 9:00	39507	1.654	228.4	14.54	4.578	0	0	0	0	41.51	39.4	53.53	54.66	0	71.68	26.25	2.415	0	12.71	
2/9/2014 10:00	39508	5.938	220.4	14.26	13.52	3.976	219.7	12.12	11.74	45.84	45.47	49.88	47.34	0	197.1	26.26	2.414	-0.001	12.88	
2/9/2014 11:00	39509	7.576	213.4	10.76	11.74	5.808	214.5	12.81	9.95	51.81	52.22	39.34	36.59	0	406.5	26.29	2.404	-0.01	13.01	
2/9/2014 12:00	39510	10.23	221.8	13.98	15.31	8.23	221.5	15.27	13.52	59.41	60.02	30.18	27.85	0	638	26.34	2.394	-0.01	13.22	
2/9/2014 13:00	39511	10.42	245.6	15.79	17.1	8.73	243.1	17.97	15.31	66.92	67.51	21.66	19.67	0	819	26.36	2.377	-0.016	13.23	
2/9/2014 14:00	39512	10.91	253	15.95	18.89	9.19	250.4	18.02	15.31	71.04	71.53	17.65	15.86	0	756.7	26.35	2.358	-0.019	13.38	
2/9/2014 15:00	39513	11	264.9	21.96	18.89	9.01	262.4	24.08	15.31	73.43	74.16	15.87	14.1	0	696.7	26.33	2.348	-0.01	13.26	
2/9/2014 16:00	39514	11.97	258.3	17.55	24.26	9.88	255.3	19.68	18.89	74.41	74.9	16.9	15.29	0	576.8	26.31	2.336	-0.013	13.24	
2/9/2014 17:00	39515	12.9	274.3	14.49	20.68	10.5	272.4	18.53	18.89	74.06	74.57	18.62	17.12	0	404.3	26.31	2.33	-0.006	13.35	
2/9/2014 18:00	39516	7.885	264.1	20.41	13.52	6.404	260.6	22.84	11.74	73.98	73.89	18.75	17.7	0	199.1	26.29	2.327	-0.003	13.3	
2/9/2014 19:00	39517	6.082	241.2	5.228	8.16	2.45	237	7.657	6.368	70.24	67.24	22.43	23.66	0	20.28	26.27	2.324	-0.003	12.99	
2/9/2014 20:00	39518	8.3	101.9	72.68	27.84	4.788	61.62	8.61	22.47	59.46	55.48	40.08	40.67	0	0.032	26.25	2.324	0.001	12.8	
2/9/2014 21:00	39519	18.8	68.27	7.624	31.42	12.71	63.62	13.89	22.47	39.28	39.33	80.7	70.53	0	0	26.23	2.322	-0.002	12.73	
2/9/2014 22:00	39520	18.85	68.57	7.958	27.84	12.84	64.14	14.13	22.47	33.89	34	92	79.15	0	0	26.2	2.323	0.001	12.41	
2/9/2014 23:00	39521	17.89	67.98	8.39	26.05	12.17	64.53	14.51	22.47	31.73	32.01	97.1	82.8	0	0	26.2	2.323	0	12.67	
2/10/2014 0:00	39522	17.33	68.28	9.7	26.05	11.53	64.42	15.98	18.89	29.98	30.21	99.5	85.2	0	0	26.2	2.323	0	12.48	
2/10/2014 1:00	39523	15.11	58.7	10.29	33.21	9.94	53.73	15.25	22.47	29.16	29.26	99.6	86.1	0	0	26.21	2.32	-0.003	12.54	
2/10/2014 2:00	39524	15.34	60.18	10.65	26.05	10.18	55.91	15.71	18.89	28.46	28.53	99.3	86.2	0	0	26.22	2.323	0.003	12.5	
2/10/2014 3:00	39525	17.18	60.63	9.72	26.05	11.34	55.89	14.66	22.47	27.99	28.04	99.1	86.1	0	0	26.23	2.32	-0.003	12.3	
2/10/2014 4:00	39526	16.24	54.53	10.5	26.05	10.4	49.09	15	20.68	27.22	27.27	98.7	85.7	0	0	26.24	2.323	0.003	12.76	
2/10/2014 5:00	39527	14.97	55.71	10.88	22.47	9.44	50.7	15.45	18.89	26.81	26.88	98.4	85.4	0	0	26.24	2.323	0	12.47	
2/10/2014 6:00	39528	13.61	51.34	10.25	22.47	8.54	46.06	14.79	17.1	26.4	26.53	97.8	84.6	0	0	26.27	2.32	-0.003	12.26	
2/10/2014 7:00	39529	11.72	48.72	12.21	18.89	7.269	43.32	14.67	15.31	26.17	26.32	97.7	83.9	0	0	26.29	2.32	0	12.33	
2/10/2014 8:00	39530	10.91	59.33	13.33	17.1	7.28	55.27	17.82	15.31	25.87	25.98	97.8	84.2	0	1.138	26.31	2.32	0	12.42	
2/10/2014 9:00	39531	8.58	62.54	12.91	15.31	5.76	58.15	18	13.52	25.55	25.79	97.5	83.9	0	19.54	26.32	2.323	0.003	12.35	
2/10/2014 10:00	39532	6.932	64.29	17.68	11.74	4.68	60.1	22.19	9.95	25.53	26	96.8	83.3	0	64.86	26.33	2.323	0	12.39	
2/10/2014 11:00	39533	7.306	70.07	14.51	11.74	5.34	65.36	20.02	9.95	25.5	26.15	96.2	81.9	0	90.2	26.33	2.323	0	12.41	
2/10/2014 12:00	39534	5.128	67.9	23.73	9.95	3.885	64.6	26.41	8.16	25.9	26.59	94.9	80.6	0	126.9	26.34	2.323	0	12.65	
2/10/2014 13:00	39535	6.279	57.24	33.09	11.74	4.74	52	34.97	9.95	26.53	27.47	92.4	77.76	0	175	26.31	2.323	0	12.68	
2/10/2014 14:00	39536	5.701	57.74	19.71	9.95	4.085	52.85	23.31	9.95	27.34	28.42	90.2	74.68	0	195.7	26.29	2.323	-0.001	12.54	
2/10/2014 15:00	39537	5.91	68.2	29.29	11.74	4.323	64.53	33.03	9.95	28.09	29.35	87.7	71.44	0	204.2	26.25	2.323	0	12.65	
2/10/2014 16:00	39538	5.122	60.16	25.29	9.95	3.722	54.87	28.56	8.16	28.96	30.43	85.3	68.82	0	179.9	26.24	2.319	-0.003	12.49	
2/10/2014 17:00	39539	6.277	70.06	19.37	11.74	4.557	64.23	24.38	9.95	29.12	30.56	83.2	67.38	0	123.4	26.23	2.319	0	12.32	
2/10/2014 18:00	39540	5.826	63.23	27.5	9.95	4.085	57.13	29.99	9.95	28.8	29.81	82.8	68.06	0	62.02	26.23	2.319	0	12.74	
2/10/2014 19:00	39541	7.249	79.62	16.29	11.74	5.096	75.21	21.47	9.95	28.47	29.17	82	68.31	0	7.653	26.23	2.32	0	12.7	
2/10/2014 20:00	39542	7.735	89.8	15.29	13.52	5.482	86.3	20.93	9.95	27.64	28.12	82.9	69.87	0	0	26.23	2.32	0.001	12.61	
2/10/2014 21:00	39543	9.24	86.4	14.31	15.31	6.558	82.3	19.98	11.74	26.69	27.08	84.8	71.8	0	0	26.25	2.32	0	12.52	
2/10/2014 22:00	39544	11.85	83.4	9.17	17.1	7.786	79.52	17.05	13.52	25.81	26.17	86.9	73.64	0	0	26.26	2.32	0	12.34	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/10/2014 23:00	39545	12.43	80.3	9.47	18.89	8.23	75.67	16.92	15.31	24.89	25.18	88.6	75.1	0	0	26.28	2.32	0	12.52
2/11/2014 0:00	39546	12.25	70.35	11.11	18.89	8.16	64.32	16.72	15.31	24.03	24.29	89.5	75.98	0	0	26.29	2.32	0	12.33
2/11/2014 1:00	39547	12.56	55.27	12.04	24.26	7.992	49.22	15.95	17.1	23.9	24.11	87.1	74.18	0	0	26.29	2.32	0	12.29
2/11/2014 2:00	39548	10.46	60.78	13.79	17.1	6.826	55.81	17.72	13.52	23.85	24.07	85.5	72.79	0	0	26.3	2.32	0	12.38
2/11/2014 3:00	39549	8.12	56.23	13.51	13.52	5.315	50.18	17.03	9.95	23.52	23.75	86	73.07	0	0	26.31	2.32	0	12.24
2/11/2014 4:00	39550	6.096	50.31	14.53	9.95	3.869	44.84	17.33	8.16	23.28	23.48	87	74.03	0	0	26.3	2.323	0.003	12.24
2/11/2014 5:00	39551	6.828	57.08	12.26	9.95	4.412	52.05	17.1	9.95	23.35	23.53	86.2	73.44	0	0	26.3	2.323	0	12.26
2/11/2014 6:00	39552	7.549	49.02	13.77	11.74	4.836	44.62	16.97	9.95	23.01	23.17	84.5	72.03	0	0	26.31	2.32	-0.003	12.22
2/11/2014 7:00	39553	8.89	32.9	11.17	13.52	5.515	31	12.59	11.74	22.58	22.72	84	71.49	0	0	26.31	2.323	0.003	12.25
2/11/2014 8:00	39554	8.5	31.39	12.5	15.31	5.546	29.94	14.09	13.52	22.38	22.49	82.2	70	0	1.62	26.32	2.32	-0.003	12.41
2/11/2014 9:00	39555	9.24	22.52	12.67	15.31	6.448	20.64	13.94	13.52	22.8	23.01	82.9	70.5	0	42.88	26.34	2.32	0	12.27
2/11/2014 10:00	39556	10	18.01	12.04	15.31	7.21	15.9	13.88	15.31	23.82	24.09	79.9	68.13	0	72.22	26.36	2.323	0.003	12.36
2/11/2014 11:00	39557	9.49	27.08	13.9	15.31	6.501	23.18	15.66	13.52	24.9	25.32	75	64.11	0	139.5	26.38	2.323	0	12.52
2/11/2014 12:00	39558	9.01	26.57	18.81	15.31	6.325	23.2	20.48	13.52	26.46	27.2	70.21	60.08	0	279.3	26.39	2.323	0	12.63
2/11/2014 13:00	39559	8.85	5.736	19.78	15.31	6.876	3.252	23.7	13.52	28.53	29.54	63.76	54.61	0	426.2	26.39	2.323	-0.001	12.62
2/11/2014 14:00	39560	6.481	353.2	31.39	13.52	5.022	350.6	36.11	11.74	31.24	32.4	59.11	50.99	0	601.7	26.37	2.316	-0.006	12.91
2/11/2014 15:00	39561	8.14	326.2	28.14	15.31	6.57	325.4	31.91	13.52	32.6	33.88	57.71	49.21	0	574.8	26.39	2.277	-0.039	12.73
2/11/2014 16:00	39562	8.58	298.8	24.35	17.1	7.099	297.5	27.16	15.31	33.49	34.49	59.85	50.74	0	518.4	26.36	2.268	-0.01	12.68
2/11/2014 17:00	39563	8.85	311.1	18.43	15.31	7.298	311.5	21.02	13.52	34.39	35.36	60.2	51.28	0	398.4	26.36	2.265	-0.003	12.77
2/11/2014 18:00	39564	4.82	288.8	31.96	11.74	3.767	280.4	29.81	9.95	35.76	36.36	59.02	50.91	0	180.7	26.33	2.258	-0.006	12.84
2/11/2014 19:00	39565	2.991	206.6	22.24	6.368	1.297	206.9	17.88	4.578	34.13	33.38	62.06	54.91	0	21.46	26.3	2.256	-0.002	12.68
2/11/2014 20:00	39566	5.462	173.4	12.71	11.74	2.06	152.3	26.16	8.16	31.81	28.77	66.02	60.79	0	0	26.27	2.256	0	12.37
2/11/2014 21:00	39567	5.846	209.9	9.11	9.95	3.056	206	13.11	6.368	28.88	27.61	73.15	64.64	0	0	26.26	2.26	0.004	12.45
2/11/2014 22:00	39568	3.362	237.1	17.5	6.368	0.344	235	15.31	4.578	26.77	24.9	78.41	69.28	0	0	26.27	2.257	-0.003	12.56
2/11/2014 23:00	39569	3.153	197	18.31	4.578	0.876	130.5	7.94	2.789	25.82	23.31	81.9	72.76	0	0	26.25	2.257	0	12.49
2/12/2014 0:00	39570	3.839	205.7	19.04	6.368	1.168	167.6	16.67	4.578	24.59	21.87	85	75.14	0	0	26.23	2.257	0	12.5
2/12/2014 1:00	39571	3.216	202.5	17.23	8.16	0.25	213.1	17.48	2.789	23.23	21.07	87.7	76.99	0	0	26.21	2.257	0	12.35
2/12/2014 2:00	39572	2.594	223.8	11.29	4.578	0.316	252.7	6.899	2.789	22.96	21.02	89.2	78.21	0	0	26.2	2.257	0	12.3
2/12/2014 3:00	39573	3.549	212.5	11.21	6.368	0.524	179.4	20.97	4.578	23.02	20.34	90	78.68	0	0	26.2	2.257	0	12.26
2/12/2014 4:00	39574	4.223	234.9	7.236	6.368	1.185	249.6	10.67	2.789	23.14	20.24	90.7	79.27	0	0	26.19	2.257	0	12.29
2/12/2014 5:00	39575	5.508	253	10.99	8.16	2.876	255	13.8	4.578	22.38	19.71	91.5	79.49	0	0	26.18	2.257	0	12.79
2/12/2014 6:00	39576	7.087	280.3	14.03	11.74	4.49	277.5	19.68	8.16	23.42	21.99	90.7	79.57	0	0	26.19	2.257	0	12.22
2/12/2014 7:00	39577	7.524	298.3	7.708	11.74	4.926	294.9	12.35	8.16	24.45	23.53	89.2	77.92	0	0	26.22	2.257	0	12.28
2/12/2014 8:00	39578	12.05	316.6	11.84	20.68	8.96	316	12.59	17.1	27.56	26.69	86.8	76.43	0	9.4	26.24	2.257	0	12.43
2/12/2014 9:00	39579	11.4	315.5	10.11	17.1	8.64	315	12.02	15.31	32.72	32.18	77.9	69.54	0	171.9	26.28	2.26	0.003	12.62
2/12/2014 10:00	39580	15.94	356.9	27.21	33.21	11.92	354.7	26.82	27.84	43.03	42.91	52.02	47.98	0	377	26.37	2.259	-0.001	12.81
2/12/2014 11:00	39581	19.57	29.63	11.6	33.21	12.75	26.64	13.24	31.42	48.39	48.76	39.12	36.15	0	568.8	26.44	2.245	-0.013	12.94
2/12/2014 12:00	39582	18.02	38.21	12.9	27.84	10.86	33.04	14.41	24.26	51.62	52.44	34.26	31.21	0	699.9	26.48	2.606	0.361	13.08
2/12/2014 13:00	39583	13.48	40.26	15.92	24.26	8.44	35.18	17.88	20.68	54.47	55.69	29.36	26.23	0	776	26.5	2.606	0	12.95
2/12/2014 14:00	39584	10.01	41.25	22.25	18.89	6.85	36.5	24.48	15.31	57.03	58.48	25.18	22.06	0	781.6	26.49	2.606	-0.001	13.49
2/12/2014 15:00	39585	6.235	11.8	39.81	17.1	4.892	6.879	42.87	15.31	59.19	60.11	21.86	18.95	0	720.4	26.48	2.605	0	13.15
2/12/2014 16:00	39586	3.771	39.82	61.83	9.95	3.009	30.53	60.74	9.95	62.02	62.22	18.9	16.39	0	594.3	26.46	2.605	0	13.43
2/12/2014 17:00	39587	4.573	65.87	92.2	11.74	3.494	48.76	93.3	9.95	61.69	62.1	19.13	16.2	0	428.9	26.44	2.605	0	13.46
2/12/2014 18:00	39588	5.901	217.7	19.32	11.74	4.429	217.5	20.12	9.95	59.91	60.33	20.33	16.87	0	214.3	26.42	2.606	0	13.24
2/12/2014 19:00	39589	5.452	199.4	16.99	8.16	2.435	183.6	19.25	4.578	55.66	52.93	23.41	22.32	0	16.65	26.37	2.606	0.001	12.97

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/12/2014 20:00	39590	7.406	174.4	6.832	9.95	2.949	155	9.64	4.578	50.55	46.08	27.83	28.48	0	0.005	26.32	2.604	-0.002	13.27
2/12/2014 21:00	39591	7.723	187.5	12.14	13.52	3.027	177.2	16.4	8.16	46.83	42.69	31.78	32.41	0	0	26.28	2.601	-0.003	13.21
2/12/2014 22:00	39592	4.878	209.6	12.28	8.16	1.287	220.2	16.8	4.578	44.93	41.67	34.41	34.39	0	0	26.25	2.598	-0.002	13.14
2/12/2014 23:00	39593	6.313	211	8.27	11.74	2.556	211.7	15.49	6.368	42.82	39.38	36.67	37.06	0	0	26.22	2.599	0	12.94
2/13/2014 0:00	39594	5.985	208.4	13.36	9.95	2.524	211.1	28.24	8.16	41.91	39.12	38.65	38.05	0	0	26.2	2.592	-0.006	12.95
2/13/2014 1:00	39595	5.616	191.3	21.81	11.74	2.451	189.9	39.53	6.368	40.84	37.78	40.56	40.31	0	0	26.18	2.589	-0.003	12.74
2/13/2014 2:00	39596	5.021	189.7	28.93	9.95	2.351	179.5	57.61	6.368	39.14	36.23	44.01	43.31	0	0	26.16	2.567	-0.022	12.87
2/13/2014 3:00	39597	4.947	198.4	46.97	9.95	2.413	211.5	78.61	6.368	38.89	35.05	45.01	45.64	0	0	26.15	2.564	-0.003	12.76
2/13/2014 4:00	39598	3.637	224	31.34	6.368	1.079	286.8	46.42	4.578	38.46	35.09	45.77	45.74	0	0	26.13	2.564	0	12.87
2/13/2014 5:00	39599	5.513	228.1	18.02	9.95	1.285	252.7	26.99	8.16	38.25	33.99	46.26	47.38	0	0	26.11	2.564	0	12.58
2/13/2014 6:00	39600	2.578	250.9	25.26	6.368	0.57	322.7	20.76	4.578	38	34.01	46.16	47.68	0	0	26.11	2.564	0	12.47
2/13/2014 7:00	39601	3.413	269.5	27.07	6.368	0.386	326.6	13.1	6.368	39.01	34.15	44.82	47.8	0	0	26.11	2.561	-0.003	12.63
2/13/2014 8:00	39602	3.567	265.9	23.77	8.16	0.553	266.8	24.55	4.578	39.05	34.48	45.16	47.86	0	9.71	26.12	2.561	0	12.71
2/13/2014 9:00	39603	3.352	297.9	20.78	9.95	0.677	278.7	6.672	8.16	43.66	42.61	40.35	39.05	0	198.5	26.16	2.56	0	12.81
2/13/2014 10:00	39604	8.92	310.9	15.31	22.47	7.066	309.8	17.88	17.1	52.12	51.98	32	29.64	0	288.9	26.23	2.559	-0.001	12.94
2/13/2014 11:00	39605	17.1	6.713	16.03	26.05	12.9	3.512	17.35	24.26	60.52	60.77	25.53	23.27	0	552.8	26.29	2.556	-0.004	12.94
2/13/2014 12:00	39606	16.01	30.04	12.08	26.05	10.49	26.45	13.76	22.47	65.85	66.52	20.87	18.64	0	690.5	26.34	2.555	-0.001	13.12
2/13/2014 13:00	39607	12.41	24.02	15.81	24.26	8.8	20	16.82	20.68	67.51	68.44	20.48	18.32	0	768.1	26.36	2.555	0	12.97
2/13/2014 14:00	39608	10.6	9.48	17.28	18.89	8.02	7.017	19.49	17.1	69.69	70.8	19.17	17.13	0	777	26.36	2.551	-0.004	12.94
2/13/2014 15:00	39609	7.473	3.57	25.93	15.31	5.728	0.596	27.33	13.52	72.06	73	17.58	15.87	0	718.1	26.34	2.551	0	13.18
2/13/2014 16:00	39610	4.797	342.9	51.01	11.74	3.313	330.5	41.75	9.95	74.58	75.08	15.95	14.45	0	596	26.33	2.548	-0.003	13.03
2/13/2014 17:00	39611	5.539	312.2	57.42	13.52	4.145	313.3	44.31	9.95	74.28	74.71	16.15	14.42	0	429	26.32	2.545	-0.003	13.16
2/13/2014 18:00	39612	3.496	287.2	48.14	8.16	2.151	279	39.03	6.368	74.4	74.83	15.84	14.2	0	221.7	26.3	2.542	-0.003	13.25
2/13/2014 19:00	39613	3.881	221.3	16.21	6.368	0	0	0	0	70.18	67.95	18.77	18.62	0	28.98	26.27	2.533	-0.009	13.02
2/13/2014 20:00	39614	3.979	230.3	29.2	6.368	0	0	0	0	62.85	57.58	24.67	26.79	0	0.029	26.23	2.46	-0.072	13.05
2/13/2014 21:00	39615	3.142	261.3	18.15	8.16	0	0	0	0	57.96	53.76	29.59	30.86	0	0	26.19	2.458	-0.003	12.88
2/13/2014 22:00	39616	1.05	275.4	17.19	4.578	0	0	0	0	54.9	49.79	33.13	37.54	0	0	26.17	2.458	0	12.68
2/13/2014 23:00	39617	4.098	276.9	20.2	8.16	0	0	0	0	55.05	48.41	33.21	38.79	0	0	26.15	2.455	-0.003	12.86
2/14/2014 0:00	39618	3.474	197.8	34.32	6.368	0	0	0	0	52.04	45.54	36.06	42.54	0	0	26.13	2.455	0	12.82
2/14/2014 1:00	39619	2.747	226	30.05	9.95	0	0	0	0	51.93	46.62	35.5	39.41	0	0	26.11	2.455	0	12.96
2/14/2014 2:00	39620	4.687	232.6	52.46	9.95	0	0	0	0	52.73	45.4	34.56	41.33	0	0	26.12	2.455	0	12.99
2/14/2014 3:00	39621	10.78	306.4	5.283	15.31	5.566	304.9	7.131	11.74	52.47	48.36	36.08	38.37	0	0	26.12	2.452	-0.003	12.9
2/14/2014 4:00	39622	10.38	307.5	8.47	15.31	6.816	307.7	11.34	11.74	50.7	49.07	38.5	37.37	0	0	26.15	2.452	0	12.76
2/14/2014 5:00	39623	8.94	305.2	20	13.52	5.332	304.7	27.88	9.95	50.76	48.34	37.26	37.17	0	0	26.14	2.452	0	12.81
2/14/2014 6:00	39624	11.02	308.8	6.917	15.31	7.243	310.1	8.24	11.74	51.54	49.85	35.59	34.6	0	0	26.16	2.449	-0.003	12.75
2/14/2014 7:00	39625	7.195	307.2	18.11	15.31	3.932	303.5	23.12	11.74	48.94	47.07	39.3	37.75	0	0	26.19	2.449	0	12.83
2/14/2014 8:00	39626	6.566	309.2	9.75	11.74	2.788	308.1	13.98	8.16	46.64	44.07	42.62	41.92	0	11.23	26.19	2.449	0	13.03
2/14/2014 9:00	39627	10.33	317.6	11.32	17.1	7.632	319.8	12.05	13.52	54.78	53.76	30.65	29.08	0	176.1	26.22	2.449	0	12.76
2/14/2014 10:00	39628	10.49	308.6	9.22	17.1	7.905	311.1	11.13	15.31	62.98	62.76	23.35	21.28	0	372.8	26.3	2.448	-0.001	13.08
2/14/2014 11:00	39629	19.76	316.4	9.2	38.57	15.6	317.5	10.5	33.21	72.52	72.54	15.86	14.24	0	552.6	26.38	2.447	-0.001	13.18
2/14/2014 12:00	39630	23.23	319	11.83	33.21	18.31	319.8	12.25	31.42	74	74.54	15.25	13.37	0	691.1	26.41	2.444	-0.003	13.09
2/14/2014 13:00	39631	21.24	331.9	10.65	33.21	17.01	331.2	11.17	29.63	74.59	75.63	14.88	12.79	0	768.3	26.42	2.44	-0.004	13.17
2/14/2014 14:00	39632	16.94	1.705	51.95	27.84	12.43	359.7	50.28	24.26	73.87	75.31	16.04	13.73	0	774.1	26.42	2.412	-0.029	12.87
2/14/2014 15:00	39633	17.93	64	13.48	27.84	11.94	58.44	18.21	22.47	70.6	72.52	19.12	16.26	0	716.1	26.41	2.39	-0.022	13.09
2/14/2014 16:00	39634	16.41	72.83	12.21	26.05	11.21	67.1	18.09	20.68	69.51	71.41	20.86	17.85	0	608.3	26.41	2.355	-0.035	12.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/14/2014 17:00	39635	17.61	74.91	11.81	26.05	11.92	70.27	17.57	20.68	67.66	69.12	23.2	20.2	0	424	26.4	2.346	-0.01	13.22
2/14/2014 18:00	39636	18.19	84.3	9.34	27.84	11.8	80.1	16.89	20.68	64.97	65.81	26.09	23.32	0	233.3	26.39	2.34	-0.006	13.35
2/14/2014 19:00	39637	14.93	91.9	8.57	27.84	10.11	89.3	15.45	22.47	60.59	60.36	31.12	28.74	0	39.48	26.37	2.33	-0.009	13.01
2/14/2014 20:00	39638	9.61	94.4	8.23	17.1	6.368	91.2	14.62	11.74	55.86	54.97	36.49	34.4	0	0.012	26.35	2.328	-0.003	12.83
2/14/2014 21:00	39639	8.93	92.1	8.39	13.52	5.577	88.9	14.85	11.74	52.17	51.09	41.64	39.14	0	0.001	26.34	2.319	-0.009	13
2/14/2014 22:00	39640	8.17	100.3	7.776	13.52	5.437	94.7	13.47	9.95	49.89	48.74	45.05	42.06	0	0	26.34	2.312	-0.006	12.99
2/14/2014 23:00	39641	7.802	109.3	8.16	11.74	4.711	103.6	14.05	8.16	47.84	46.53	47.43	44.23	0	0	26.33	2.306	-0.006	12.85
2/15/2014 0:00	39642	5.233	131.4	26.25	9.95	2.198	118.5	33.18	6.368	45.16	42.76	51.09	48.66	0	0	26.33	2.3	-0.006	12.83
2/15/2014 1:00	39643	4.149	137.5	10.55	6.368	1.233	94.7	12.64	4.578	43.23	40.45	54.31	52.15	0	0	26.31	2.294	-0.006	12.77
2/15/2014 2:00	39644	2.126	160.7	16.25	4.578	0	0	0	0	42.73	40.33	54.83	52.62	0	0	26.29	2.291	-0.003	12.96
2/15/2014 3:00	39645	4.155	163	13.94	6.368	0.423	131.5	10.97	2.789	43.89	40.96	51.32	50.79	0	0	26.28	2.291	0	12.78
2/15/2014 4:00	39646	2.858	144	22.36	8.16	1.227	94.6	36.9	4.578	44.12	41.79	49.79	48.31	0	0	26.27	2.288	-0.003	12.95
2/15/2014 5:00	39647	3.18	134.6	32.04	6.368	1.496	61.98	19.56	4.578	43.51	40.04	50.27	50.74	0	0	26.26	2.284	-0.003	12.68
2/15/2014 6:00	39648	1.626	211.2	17.68	4.578	0.32	335.2	5.62	2.789	42.59	38.56	51.31	52.61	0	0	26.24	2.284	0	12.83
2/15/2014 7:00	39649	3.608	238.9	11.75	6.368	0.577	284.6	11.12	4.578	43.48	40.44	49.68	49.1	0	0	26.24	2.284	0	12.71
2/15/2014 8:00	39650	5.051	249.8	7.865	6.368	0.764	266.1	5.604	4.578	43.61	39.17	49.89	51.43	0	8.74	26.25	2.281	-0.003	12.89
2/15/2014 9:00	39651	5.157	258.1	8.45	8.16	3.098	260.5	11.85	8.16	43.97	42.3	50.61	48.4	0	117.5	26.26	2.281	0	13.07
2/15/2014 10:00	39652	7.428	239.2	11.6	11.74	6.357	236.4	13.54	9.95	50.15	50.1	43.2	39.55	0	376.5	26.31	2.28	-0.001	12.85
2/15/2014 11:00	39653	8.02	249.1	13.09	11.74	6.904	245.7	14.96	11.74	59.42	59.57	32.76	30.38	0	582	26.38	2.28	-0.001	13.1
2/15/2014 12:00	39654	12.37	287.2	21.03	24.26	9.77	286.2	25.39	20.68	73.06	73.52	18.21	16.68	0	685.7	26.43	2.276	-0.004	13.25
2/15/2014 13:00	39655	14.96	297.7	11.19	22.47	11.66	297.7	15.54	18.89	77.66	78.36	13.52	11.74	0	721.6	26.44	2.275	0	12.96
2/15/2014 14:00	39656	15.26	313.8	14.71	22.47	12.28	313.9	16.18	20.68	80.8	81.5	9.74	7.641	0	741.7	26.42	2.275	0	13.12
2/15/2014 15:00	39657	13.19	310.8	15.17	22.47	10.04	311.3	17.73	18.89	83.2	84.1	6.781	4.137	0	718.5	26.42	2.272	-0.003	13.25
2/15/2014 16:00	39658	10.21	281	28.93	24.26	8.54	279.4	31.92	18.89	84.1	84.4	6.366	3.986	0	613.3	26.42	2.26	-0.013	13.22
2/15/2014 17:00	39659	9.81	254.5	20.16	17.1	8.14	251.3	21.44	15.31	84	84.2	6.4	3.814	0	443	26.41	2.25	-0.01	13.37
2/15/2014 18:00	39660	8.94	237.9	12.79	17.1	7.193	234.4	13.6	13.52	83.2	83	7.094	4.755	0	233.8	26.39	2.244	-0.006	13.18
2/15/2014 19:00	39661	5.439	218.1	22.61	8.16	2.39	214.3	24.59	6.368	78.27	75.68	9.55	8.3	0	31.81	26.38	2.241	-0.003	13.28
2/15/2014 20:00	39662	4.362	181.7	12.48	8.16	0.238	124.1	5.59	2.789	68.19	64.11	16.78	16.12	0	0.067	26.34	2.235	-0.006	13.08
2/15/2014 21:00	39663	2.581	197.5	11.22	6.368	0.087	124	10.79	2.789	65.04	61.33	19.6	19.29	0	0.015	26.31	2.235	0	12.99
2/15/2014 22:00	39664	5.291	193	13.7	9.95	0.961	186.9	14.09	8.16	63.44	59.29	21.38	21.57	0	0.01	26.3	2.233	-0.003	13.05
2/15/2014 23:00	39665	5.828	224.8	17.99	9.95	1.494	233.8	20.5	6.368	59.41	55.53	24.91	25.25	0	0.002	26.29	2.233	0	13.06
2/16/2014 0:00	39666	4.881	196.1	18.13	9.95	0.767	196.4	5.926	8.16	58.06	54.22	26.48	26.72	0	0	26.27	2.233	0	13.02
2/16/2014 1:00	39667	5.075	183.9	12.95	13.52	0.84	188.4	12.03	4.578	55.68	52.87	30.95	30.4	0	0.003	26.26	2.23	-0.003	13.18
2/16/2014 2:00	39668	4.244	195.8	15.84	8.16	0.536	219.9	5.315	4.578	53.4	50.64	35.6	34.76	0	0.001	26.25	2.23	0	12.86
2/16/2014 3:00	39669	5.671	255.3	37.53	15.31	3.167	271.8	41.48	9.95	52.03	48.8	39.43	39.69	0	0.001	26.24	2.227	-0.003	12.77
2/16/2014 4:00	39670	6.019	317.2	22.89	9.95	2.135	324.9	23.4	6.368	52.27	46.96	37.98	41.14	0	0	26.23	2.227	0	13.05
2/16/2014 5:00	39671	9.06	3.82	13.2	15.31	6.401	0.288	14.5	11.74	46.85	46.17	49.22	44.66	0	0	26.23	2.227	0	12.81
2/16/2014 6:00	39672	10.15	357.6	9.31	17.1	6.972	353.2	11.25	13.52	43.53	42.93	65.28	58.51	0	0	26.23	2.227	0.001	12.83
2/16/2014 7:00	39673	10.1	356.6	11.18	17.1	7.044	351.5	13.22	13.52	42.43	41.87	66.55	59.71	0	0	26.23	2.227	0	12.9
2/16/2014 8:00	39674	10.31	354.8	8.25	15.31	7.209	350.8	10.92	13.52	41.38	40.82	68.06	60.97	0	20.72	26.23	2.227	0	12.72
2/16/2014 9:00	39675	10.65	359.6	8.71	17.1	7.791	355.9	12.14	15.31	43.4	43.36	63.97	57.07	0	117	26.25	2.224	-0.004	13.08
2/16/2014 10:00	39676	11.2	6.616	9.03	17.1	8.43	3.831	11.72	13.52	46.49	46.79	60.2	53.83	0	266.2	26.28	2.223	0	13.03
2/16/2014 11:00	39677	7.669	4.313	17.44	13.52	6.025	3.332	19.04	13.52	54.59	55.3	45.95	42.57	0	566	26.33	2.22	-0.004	13.14
2/16/2014 12:00	39678	6.666	311.1	28.11	11.74	5.686	310.1	32.26	11.74	62.19	62.74	34.17	32.25	0	683.7	26.4	2.219	-0.001	13.06
2/16/2014 13:00	39679	7.181	266.4	24.97	13.52	6.027	263.2	29.01	11.74	68.37	68.93	26.87	24.96	0	794.7	26.41	2.219	0	13.24

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/16/2014 14:00	39680	10.56	243.1	18.93	18.89	8.65	239.4	20.55	17.1	74.45	75.25	18.55	16.73	0	788.4	26.4	2.218	0	13.41
2/16/2014 15:00	39681	12.19	242.8	15.99	20.68	10.12	240.5	17.56	18.89	78.42	78.96	13.06	11.08	0	754	26.37	2.212	-0.006	13.2
2/16/2014 16:00	39682	11.69	252	14.85	20.68	9.6	248.2	17.07	18.89	81.2	81.6	8.32	5.971	0	628.7	26.36	2.206	-0.006	13.27
2/16/2014 17:00	39683	11.95	253.1	15.75	20.68	9.83	250.4	17.57	17.1	81.5	81.7	6.772	4.212	0	411.8	26.34	2.199	-0.006	13.25
2/16/2014 18:00	39684	10.29	251.8	10.64	18.89	8.12	248	11.94	17.1	80.2	79.67	6.32	3.9	0	148.8	26.33	2.2	0	13.31
2/16/2014 19:00	39685	5.561	219.6	25.48	8.16	1.146	233.8	14.71	6.368	74.24	70.94	9.03	7.818	0	18.51	26.31	2.194	-0.006	13.24
2/16/2014 20:00	39686	7.344	196.1	9.17	11.74	2.702	187.7	13.15	6.368	68.95	64.72	16.44	15.47	0	0.066	26.28	2.048	-0.145	13.19
2/16/2014 21:00	39687	4.836	238.7	22.84	9.95	1.862	269.3	29.3	8.16	64.54	60.49	21.87	22.17	0	0.012	26.28	2.045	-0.003	13.05
2/16/2014 22:00	39688	5.032	216.5	35.73	13.52	2.542	209.7	53.62	9.95	62.6	59.17	24.72	24.4	0	0.006	26.27	2.045	0	13.22
2/16/2014 23:00	39689	4.253	189.3	17.4	9.95	1.259	184.6	20.78	6.368	60.19	57.7	28.55	27.85	0	0.009	26.27	2.045	0	13.13
2/17/2014 0:00	39690	3.387	191.9	16.43	6.368	0.838	123.3	14.2	4.578	58.25	54.92	30.79	31.65	0	0.005	26.26	2.046	0	13.16
2/17/2014 1:00	39691	2.669	220.2	30.62	9.95	0.377	42.13	26.25	4.578	56.38	52.34	31.35	34.09	0	0	26.25	2.046	0	12.93
2/17/2014 2:00	39692	3.386	208.5	30.61	8.16	0.709	154.2	5.41	4.578	57.76	50.14	25.51	35.75	0	0	26.24	2.046	0	13.09
2/17/2014 3:00	39693	8.43	297.8	33.14	13.52	5.205	312.2	12.6	11.74	56.39	52.39	24.83	26.66	0	0	26.25	2.046	0	12.9
2/17/2014 4:00	39694	10	312.7	6.813	15.31	6.844	311.9	7.79	11.74	56.99	55.35	22.4	20.53	0	0	26.27	2.046	0	13
2/17/2014 5:00	39695	7.052	300.7	24.83	11.74	4.115	307.2	17.86	9.95	54.99	53.22	23.97	21.96	0	0.001	26.29	2.046	0	12.91
2/17/2014 6:00	39696	4.808	271	46.55	18.89	2.317	324.6	7.109	18.89	52.86	50.67	26.82	25.02	0	0	26.29	2.046	0	13
2/17/2014 7:00	39697	11.31	331.6	7.857	18.89	8.82	330.4	9.18	15.31	58.62	57.39	23.03	20.61	0	0.003	26.32	2.046	0	12.91
2/17/2014 8:00	39698	9.16	341.4	9.98	17.1	6.752	338.5	11.8	13.52	59.2	57.77	23.71	21.6	0	5.245	26.36	2.045	0	13.21
2/17/2014 9:00	39699	5.327	320.1	52.81	11.74	3.269	325.3	47.47	8.16	59.05	57.79	24.81	22.87	0	64.29	26.4	2.045	0	12.91
2/17/2014 10:00	39700	6.756	219.4	90.3	29.63	3.196	37.22	10.32	24.26	58.81	58.34	26.55	24.78	0	169.4	26.45	2.045	0	12.78
2/17/2014 11:00	39701	21.18	65.74	14.93	31.42	13.75	60.38	19.37	24.26	61.83	63	24.33	20.89	0	599.5	26.51	2.004	-0.041	12.95
2/17/2014 12:00	39702	19.96	79.3	12.24	33.21	13.39	75.31	18.99	24.26	63.46	65.48	24.7	20.92	0	748.1	26.56	1.988	-0.016	13.08
2/17/2014 13:00	39703	15.86	84.6	13.78	26.05	11.12	80.7	20.22	22.47	65.36	67.88	23.36	19.56	0	849	26.57	1.972	-0.016	13.04
2/17/2014 14:00	39704	13.89	92.7	15.56	22.47	10	89.5	21.86	17.1	66.45	68.92	22.63	18.94	0	773.6	26.56	1.953	-0.019	12.94
2/17/2014 15:00	39705	13.35	104.1	16.04	20.68	9.79	101.6	20.74	17.1	66.55	68.55	21.75	18.21	0	620.1	26.54	1.94	-0.013	12.91
2/17/2014 16:00	39706	13.74	120.1	13.78	22.47	9.31	119.3	19.01	18.89	64.85	66.05	21.82	18.41	0	336.5	26.52	1.937	-0.003	12.89
2/17/2014 17:00	39707	13.02	117.4	12.95	20.68	8.93	116	18.74	17.1	63.92	64.78	22.09	18.75	0	267.9	26.49	1.924	-0.012	12.93
2/17/2014 18:00	39708	10.79	108.4	10.16	18.89	7.671	106.5	15.38	15.31	62.6	62.76	21.32	18.17	0	123.2	26.48	1.921	-0.003	13.14
2/17/2014 19:00	39709	7.775	99.3	8.47	11.74	5.057	95.6	13.49	9.95	59.76	58.92	23.1	20.35	0	15.61	26.47	1.921	0	12.83
2/17/2014 20:00	39710	8	94.4	5.206	11.74	4.295	89.5	11.44	8.16	55.13	52.93	26.53	24.98	0	0.006	26.44	1.922	0	13.09
2/17/2014 21:00	39711	8.58	97.1	5.588	11.74	5.226	90.3	12.72	8.16	52.71	50.96	26.76	24.6	0	0	26.42	1.922	0	12.87
2/17/2014 22:00	39712	9.26	100.8	8.32	13.52	6.104	96.8	13.79	9.95	51.76	50.64	25.07	21.86	0	0	26.4	1.922	0	12.76
2/17/2014 23:00	39713	10.6	116.9	8.41	15.31	6.594	114.6	14.5	13.52	51.57	50.61	26.01	22.66	0	0	26.39	1.922	0	12.74
2/18/2014 0:00	39714	9.72	122.1	7.417	15.31	5.734	118.6	13.33	9.95	50.27	49.1	28.16	25.15	0	0	26.37	1.922	0	12.89
2/18/2014 1:00	39715	7.564	118.3	10.53	13.52	4.139	110.2	18.1	8.16	48.32	46.63	30.38	27.89	0	0	26.35	1.922	0	12.94
2/18/2014 2:00	39716	6.906	125.5	5.927	9.95	3.225	111.8	15.63	6.368	47.29	44.92	32.1	30.59	0	0	26.32	1.919	-0.003	12.96
2/18/2014 3:00	39717	6.158	145.2	10.12	9.95	2.209	133.3	18.01	6.368	47.1	44.3	32.57	31.31	0	0	26.3	1.919	0	12.83
2/18/2014 4:00	39718	7.176	153.7	7.433	11.74	3.185	147.4	15.21	6.368	47.16	44.68	33.62	32.07	0	0	26.27	1.919	0	12.67
2/18/2014 5:00	39719	5.306	168.5	9.43	9.95	1.454	168.1	12.27	6.368	45.59	43.47	36.17	34.08	0	0	26.24	1.92	0	12.8
2/18/2014 6:00	39720	4.736	175	10.46	9.95	0.952	170	8.12	4.578	45.57	42.17	36.61	35.96	0	0	26.22	1.92	0	12.72
2/18/2014 7:00	39721	4.9	213.1	9.11	8.16	0	0	0	0	45.02	42.18	37.86	36.77	0	0	26.21	1.92	0	12.61
2/18/2014 8:00	39722	4.737	235.1	6.557	8.16	0	0	0	0	44.28	41.21	39.31	38.23	0	12.91	26.21	1.92	0	12.63
2/18/2014 9:00	39723	6.427	214.8	18.31	13.52	4.275	216.1	19.63	11.74	47.8	47.51	43.14	38.06	0	184.9	26.23	1.862	-0.058	12.81
2/18/2014 10:00	39724	10.3	204.1	9.4	15.31	7.567	205.3	13	13.52	55.35	56.16	43.97	39.24	0	413.2	26.31	1.855	-0.007	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/18/2014 11:00	39725	9.8	218.5	13.04	15.31	7.768	218.1	14.21	13.52	61.67	62.44	30.89	27.82	0	557.4	26.36	1.855	0	13.04
2/18/2014 12:00	39726	9.97	232.8	16.02	17.1	8.12	231.5	17.7	15.31	69.06	69.63	20.78	18.33	0	728.1	26.39	1.807	-0.048	13.01
2/18/2014 13:00	39727	13.33	255.6	19.59	22.47	10.89	252.6	20.59	20.68	76.66	77.44	13.15	10.94	0	801	26.4	1.806	0	13.12
2/18/2014 14:00	39728	16.31	284.4	18.16	26.05	13.4	282.4	21.57	20.68	79.06	79.95	9.84	6.765	0	810	26.38	1.806	0	13.03
2/18/2014 15:00	39729	15.04	304.7	13.96	26.05	12.49	305.2	15.35	22.47	78.99	79.7	9.71	6.799	0	751.8	26.36	1.772	-0.035	13.13
2/18/2014 16:00	39730	12.3	298	17.37	20.68	10.2	298.3	19.8	18.89	79.52	80.1	9.36	6.606	0	629.3	26.35	1.762	-0.01	13
2/18/2014 17:00	39731	10.66	291.1	19.07	18.89	8.84	289.4	22.53	17.1	79.6	79.99	9.02	6.321	0	443.9	26.33	1.727	-0.035	13.26
2/18/2014 18:00	39732	8.56	300.8	15.64	13.52	6.85	300.5	18.29	13.52	78.35	78.24	9.27	6.911	0	188.4	26.32	1.715	-0.013	13.17
2/18/2014 19:00	39733	5.175	332.1	12.03	8.16	2.826	347.1	13.94	6.368	74.56	71.41	11.21	10.65	0	23.99	26.3	1.712	-0.003	13
2/18/2014 20:00	39734	4.589	347.1	15.06	6.368	0.854	11.14	9.06	4.578	70.59	63.35	13.13	15.18	0	0.06	26.27	1.712	0	13.01
2/18/2014 21:00	39735	3.859	329.1	15.44	6.368	0.593	36.39	31.88	4.578	67.58	59.1	15.23	18.98	0	0.007	26.25	1.712	0	13.03
2/18/2014 22:00	39736	1.072	310.1	18.84	4.578	0.748	80.3	16.3	4.578	61.92	54.93	19.57	23.65	0	0.002	26.24	1.713	0	12.9
2/18/2014 23:00	39737	3.669	327.2	44.52	6.368	0.436	19.56	15.23	4.578	59.25	52.64	22.12	25.39	0	0	26.22	1.713	0	12.99
2/19/2014 0:00	39738	4.67	356.9	21.95	8.16	1.249	346.1	20.18	6.368	59.79	53.77	20.85	22.76	0	0	26.21	1.713	0	12.92
2/19/2014 1:00	39739	4.36	1.548	26.72	9.95	1.667	5.344	44.34	6.368	60.37	51.22	19.68	24.69	0	0	26.2	1.713	0	13.02
2/19/2014 2:00	39740	4.795	353.7	27.8	11.74	2.269	350.6	41.49	9.95	57.76	51.26	20.59	23.33	0	0	26.18	1.713	0	13.05
2/19/2014 3:00	39741	4.716	18.29	22.83	8.16	2.322	33.41	39.75	6.368	56.93	50.86	20.33	22.58	0	0	26.16	1.713	0	12.96
2/19/2014 4:00	39742	4.798	212.9	87.1	18.89	2.438	225.8	52.83	13.52	52.18	46.58	26.44	28.03	0	0	26.15	1.713	0	12.92
2/19/2014 5:00	39743	3.564	271.5	22.66	8.16	1.272	307.1	25.82	4.578	45.5	43	36.29	34.84	0	0	26.13	1.71	-0.003	12.76
2/19/2014 6:00	39744	3.757	320.3	13.56	8.16	0.915	18.45	25.32	4.578	51.06	45.33	29.06	31.89	0	0	26.1	1.713	0.003	12.84
2/19/2014 7:00	39745	6.497	328	9.12	9.95	3.713	326.6	14.14	6.368	50.32	46.68	30.63	30.61	0	0	26.1	1.713	0	12.79
2/19/2014 8:00	39746	5.856	73.38	45.09	18.89	3.377	76.67	37.62	13.52	46.44	43.59	35.94	35.46	0	10.84	26.12	1.713	0	12.99
2/19/2014 9:00	39747	4.633	51.5	12.36	8.16	2.414	50.25	17.37	6.368	51.8	51.29	29.83	27.69	0	201.4	26.13	1.713	0	13.02
2/19/2014 10:00	39748	4.393	182.8	68.35	11.74	2.809	212.6	35.09	9.95	61.16	61.61	22.02	18.9	0	400.7	26.19	1.715	0.003	12.9
2/19/2014 11:00	39749	9.02	230.3	15.18	15.31	7.156	228.3	16.48	13.52	66.9	67.56	18.39	15.25	0	601.6	26.24	1.81	0.095	12.83
2/19/2014 12:00	39750	14.55	230.9	14.77	26.05	11.6	228.5	16.33	22.47	75.19	75.77	11.46	8.94	0	711.6	26.26	1.81	0	12.87
2/19/2014 13:00	39751	17.65	236.8	11.66	27.84	14.35	234.5	12.73	22.47	77.29	78.02	10.08	7.4	0	792.3	26.25	1.81	0	12.83
2/19/2014 14:00	39752	17.06	248	12.91	29.63	14	244.8	14.27	24.26	78.2	78.77	9.28	6.581	0	659.2	26.21	1.81	0	12.96
2/19/2014 15:00	39753	16.73	260.9	14.14	27.84	13.8	257.3	16.44	24.26	78.69	79.32	9.07	6.322	0	610.1	26.17	1.81	0	13.13
2/19/2014 16:00	39754	20.5	251.6	11.47	34.99	16.65	249	13.63	29.63	78.6	79.02	8.13	5.272	0	539.8	26.15	1.81	0	13.16
2/19/2014 17:00	39755	21.59	239.1	9.91	34.99	17.36	236.3	10.43	29.63	78.71	78.84	7.038	4.03	0	377	26.12	1.804	-0.006	13.19
2/19/2014 18:00	39756	14.42	260.3	17.16	27.84	11.22	256.7	17.86	24.26	76.44	75.98	7.565	4.93	0	103.7	26.1	1.794	-0.01	13.22
2/19/2014 19:00	39757	7.796	250.1	16.45	15.31	5.355	245.2	19.32	9.95	72.28	70.98	10.06	7.691	0	13.47	26.09	1.788	-0.006	13.2
2/19/2014 20:00	39758	5.114	211.5	51.49	17.1	3.103	186.3	62.92	13.52	67.22	64.79	12.99	11.13	0	0.073	26.06	1.785	-0.003	13.15
2/19/2014 21:00	39759	11.17	230.8	8.62	18.89	8.14	227.8	9.31	13.52	67.93	66.91	12.29	9.48	0	0.042	26.05	1.779	-0.006	13.05
2/19/2014 22:00	39760	10.51	222.9	8.02	17.1	7.262	221.6	9.73	11.74	65.99	65.03	13.9	10.92	0	0.05	26.04	1.776	-0.003	13
2/19/2014 23:00	39761	11.1	217.3	8	17.1	7.337	215.6	10.66	11.74	64.99	63.98	14.69	11.71	0	0.037	26.03	1.772	-0.003	13.08
2/20/2014 0:00	39762	9.53	219.3	7.738	13.52	6.271	218.2	10.51	11.74	63.99	62.83	15.35	12.4	0	0.024	26.02	1.766	-0.006	13.17
2/20/2014 1:00	39763	9.42	231.3	7.184	17.1	6.493	230.1	8.85	15.31	61.74	60.46	16.76	13.75	0	0.011	26.02	1.763	-0.003	12.97
2/20/2014 2:00	39764	6.297	220.2	9.54	9.95	3.18	208.3	29.97	6.368	57.39	54.21	20.06	18.25	0	0.001	26.02	1.757	-0.006	12.98
2/20/2014 3:00	39765	6.992	207.9	15.58	11.74	4.142	182.5	39.35	8.16	55.56	50.59	20.78	20.67	0	0	26.01	1.754	-0.003	13.14
2/20/2014 4:00	39766	6.777	244.1	15.95	11.74	3.29	252.4	21.95	8.16	55.97	52.4	20.23	18.82	0	0	26.01	1.751	-0.003	12.86
2/20/2014 5:00	39767	5.423	268.1	21.62	11.74	2.359	262.2	19.51	8.16	57.12	53.74	19.26	17.78	0	0	26.02	1.751	0	12.89
2/20/2014 6:00	39768	8.4	275.1	19.92	18.89	5.704	266.8	27.63	15.31	57.62	54.95	19.12	17.06	0	0	26.05	1.748	-0.003	12.93
2/20/2014 7:00	39769	11.48	335.5	14.58	22.47	8.75	333.2	15.55	17.1	54.66	53.71	23.97	20.45	0	0.001	26.11	1.744	-0.003	12.81

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/20/2014 8:00	39770	11.49	337	7.873	17.1	8.79	334.6	9.67	15.31	49.96	48.97	31.78	28.46	0	14.97	26.14	1.744	0	13.14
2/20/2014 9:00	39771	13.27	336.2	9.17	27.84	10.8	333.3	10.26	22.47	51.94	51.66	30.96	27.33	0	194.8	26.19	1.744	0	12.93
2/20/2014 10:00	39772	22.98	345.7	9.71	34.99	17.83	342.7	11.81	29.63	54.59	54.96	27.91	24	0	418.4	26.26	1.741	-0.004	12.81
2/20/2014 11:00	39773	24.93	339.3	11.07	40.36	20.1	336.9	11.74	34.99	56.5	57.25	22.89	18.63	0	619.9	26.32	1.741	0	12.9
2/20/2014 12:00	39774	28.75	335.3	9.56	42.15	22.85	333.4	10.82	38.57	58.21	59.21	16.34	11.65	0	769.7	26.36	1.734	-0.006	12.87
2/20/2014 13:00	39775	27.92	336	10.96	40.36	22.39	334.1	11.88	34.99	58.57	59.86	12.51	7.366	0	855	26.38	1.728	-0.006	12.81
2/20/2014 14:00	39776	26.17	340.8	11.13	43.94	20.8	338	12.18	36.78	58.87	60.37	10.37	4.887	0	863	26.37	1.725	-0.003	12.77
2/20/2014 15:00	39777	25.9	341.7	10.85	38.57	20.63	338.9	12.07	34.99	59.31	60.69	9.46	3.904	0	802	26.36	1.718	-0.006	13.02
2/20/2014 16:00	39778	23	337.6	11.11	36.78	18.55	335	12.41	33.21	60.95	62.02	6.959	1.898	0	666.5	26.36	1.715	-0.003	12.93
2/20/2014 17:00	39779	20.75	333.6	11.34	36.78	16.81	332.3	12.34	33.21	61.71	62.4	5.257	1.745	0	471.4	26.37	1.712	-0.003	12.97
2/20/2014 18:00	39780	17.3	335.6	10.2	29.63	14.04	333.3	10.99	27.84	60.64	60.92	4.65	1.745	0	231.3	26.36	1.706	-0.006	13.01
2/20/2014 19:00	39781	9.5	334.7	8.24	20.68	7.298	332.9	9.57	17.1	57.11	56.24	5.821	1.743	0	31.25	26.35	1.706	0	12.95
2/20/2014 20:00	39782	7.012	350.6	10.19	9.95	3.768	356.4	10.97	6.368	53.21	50.56	7.712	2.778	0	0.013	26.34	1.703	-0.003	12.8
2/20/2014 21:00	39783	5.687	345	17.24	11.74	2.764	356.6	14.31	6.368	52.38	48.01	8.08	3.981	0	0	26.33	1.703	0	12.81
2/20/2014 22:00	39784	6.457	333.6	8.22	9.95	3.305	345.2	13.26	8.16	51.33	47.1	8.44	4.447	0	0	26.33	1.703	0	12.78
2/20/2014 23:00	39785	3.244	282.3	56.55	6.368	0.239	91.7	17.97	4.578	45.65	39.04	12.39	12.67	0	0	26.33	1.701	-0.003	12.79
2/21/2014 0:00	39786	5.768	332.7	6.892	9.95	2.224	350.6	9.1	6.368	46.4	40.89	11.47	9.88	0	0	26.31	1.701	0	12.82
2/21/2014 1:00	39787	8.02	334.3	9.33	22.47	5.025	337.5	15.31	13.52	46.29	42.74	11.75	7.597	0	0	26.3	1.701	0	12.83
2/21/2014 2:00	39788	6.189	342.4	18.63	9.95	3.325	344.1	42.52	6.368	44.11	40.12	13.1	9.46	0	0	26.29	1.701	0	12.74
2/21/2014 3:00	39789	4.052	331.8	31.21	8.16	1.585	345.8	30.36	4.578	42.31	36.46	14.07	12.71	0	0	26.27	1.701	0	12.81
2/21/2014 4:00	39790	3.145	304.5	55.75	8.16	0.427	145.9	19.46	6.368	34.82	28.9	22.21	21.09	0	0	26.25	1.701	0.001	12.46
2/21/2014 5:00	39791	1.766	133.7	26.03	6.368	0.529	112.1	11.85	6.368	33.52	28.9	21.62	25.42	0	0	26.23	1.701	0	12.55
2/21/2014 6:00	39792	1.21	287.7	26.28	4.578	0	0	0	0	34.39	29.05	20.71	24.34	0	0	26.22	1.701	0	12.5
2/21/2014 7:00	39793	2.626	292.5	24.26	4.578	0	0	0	0	33.02	26.42	25.7	27.01	0	0	26.22	1.701	0	12.54
2/21/2014 8:00	39794	2.4	313.3	8.86	4.578	0.037	59.59	0.401	2.789	35.3	28.67	22.33	27.02	0	16.53	26.21	1.701	0	12.68
2/21/2014 9:00	39795	3.416	173.6	16.36	8.16	1.562	174.4	27.56	6.368	39.34	36.67	23.89	22.9	0	166.1	26.24	1.701	0	12.96
2/21/2014 10:00	39796	6.283	198.7	13.59	13.52	4.705	201.8	18.45	11.74	44.76	45.15	28.08	22.7	0	277.5	26.3	1.687	-0.013	12.84
2/21/2014 11:00	39797	11.04	184.7	12.38	15.31	7.754	186.7	16.8	13.52	50.02	50.82	25.3	20.04	0	369.1	26.33	1.681	-0.007	12.82
2/21/2014 12:00	39798	12.73	182.6	11.1	20.68	8.77	184.4	16.29	18.89	54.6	55.63	24.5	19.59	0	455.6	26.35	1.681	0	12.85
2/21/2014 13:00	39799	13.6	184.2	12.15	18.89	9.28	185.1	17.1	17.1	57.39	58.66	24.38	19.71	0	528.4	26.34	1.68	0	12.91
2/21/2014 14:00	39800	11.29	200.3	15.67	20.68	8.43	202.3	18.81	15.31	61.61	63.16	19.16	14.59	0	845	26.34	1.68	0	12.86
2/21/2014 15:00	39801	9.19	226.2	18.21	18.89	7.468	225.5	18.75	17.1	63.82	64.42	15.02	10.92	0	474	26.34	1.68	0	12.91
2/21/2014 16:00	39802	3.729	252.8	80.3	9.95	2.394	236	53.41	8.16	64.99	65.27	13.31	9.55	0	357.2	26.3	1.629	-0.051	12.93
2/21/2014 17:00	39803	2.876	17.32	30.52	8.16	1.343	20.36	21.49	6.368	69.36	69.17	10.14	7.051	0	448.5	26.29	1.613	-0.016	13.08
2/21/2014 18:00	39804	3.914	60.78	32.41	8.16	2.175	46.94	24.56	8.16	66.8	66.81	10.86	7.286	0	145.5	26.28	1.613	0	13.23
2/21/2014 19:00	39805	6.561	66.78	10.62	9.95	3.833	62.41	13.65	6.368	62.87	61.61	13.93	10.92	0	12.97	26.25	1.614	0.001	12.9
2/21/2014 20:00	39806	8.19	65.45	11.57	13.52	4.808	61.31	15.59	9.95	59.3	57.71	17.39	14.38	0	0.045	26.23	1.614	0	13.03
2/21/2014 21:00	39807	7.463	98.7	17.09	11.74	4.136	93.1	19.03	8.16	56.85	55.3	20.01	16.93	0	0.011	26.22	1.611	-0.003	13
2/21/2014 22:00	39808	6.495	93.7	31.13	11.74	3.717	78.92	31.48	8.16	56.3	54.37	25.05	22.29	0	0.008	26.22	1.611	0	13.02
2/21/2014 23:00	39809	6.54	75.28	15.67	9.95	3.199	61.69	13.63	6.368	54.33	50.98	28.3	26.59	0	0.003	26.21	1.611	0	12.89
2/22/2014 0:00	39810	5.306	74.64	6.987	8.16	3.232	61.93	8.85	4.578	52.07	48.88	32.32	31	0	0	26.19	1.611	0	12.89
2/22/2014 1:00	39811	4.568	97.8	14.52	9.95	2.819	67.52	13.73	4.578	50.5	47.43	36.53	35.3	0	0	26.16	1.611	0	12.93
2/22/2014 2:00	39812	3.695	119.9	38.79	6.368	1.878	65.96	12.08	6.368	48.32	44.83	40.28	39.42	0	0	26.15	1.611	0	12.88
2/22/2014 3:00	39813	3.319	66.8	19.52	6.368	1.255	48.23	6.428	4.578	46.02	41.71	42.53	41.38	0	0	26.13	1.612	0	12.76
2/22/2014 4:00	39814	2.737	196.8	12.18	6.368	0.081	140.7	1.592	2.789	42.91	37.06	46.89	48.13	0	0	26.11	1.612	0	12.77

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/22/2014 5:00	39815	2.549	252.3	19.77	4.578	0	0	0	0	43.63	39.95	46.54	46.03	0	0	26.1	1.612	0	12.61
2/22/2014 6:00	39816	5.243	282	13.67	8.16	1.414	304	3.907	4.578	43.12	38.35	47.52	47.78	0	0	26.11	1.612	0	12.8
2/22/2014 7:00	39817	6.369	302.6	5.819	8.16	3.013	297.3	12.75	4.578	41.73	36.74	51.55	51.49	0	0	26.12	1.612	0	12.92
2/22/2014 8:00	39818	4.379	308.2	8.87	8.16	1.513	296.2	12.88	4.578	42.02	37.18	49.54	50.25	0	15.06	26.12	1.612	0	12.87
2/22/2014 9:00	39819	2.812	283.3	16.89	8.16	1.382	267.6	10.63	8.16	46.89	45.03	40.07	38.58	0	218.7	26.15	1.58	-0.032	13.04
2/22/2014 10:00	39820	7.108	288.8	15.8	11.74	6.051	286.2	20.86	9.95	54.96	55.31	24.97	21.51	0	459.8	26.24	1.57	-0.01	13.02
2/22/2014 11:00	39821	7.069	312.5	14.7	11.74	6.136	312.9	16.99	9.95	61.5	61.72	18.21	14.99	0	639.6	26.31	1.569	0	13.18
2/22/2014 12:00	39822	7.398	287.5	18.37	11.74	6.291	286.1	23.49	11.74	67.46	67.91	12.01	8.7	0	760.8	26.34	1.569	0	13.21
2/22/2014 13:00	39823	7.919	283.5	21.91	17.1	6.488	282.2	26.66	15.31	71.64	72.28	8.45	5.166	0	790.5	26.34	1.572	0.003	13.25
2/22/2014 14:00	39824	13.33	282.1	18.03	22.47	11.14	279.9	21.72	18.89	73.68	74.56	5.308	1.964	0	828	26.3	1.515	-0.057	13.2
2/22/2014 15:00	39825	13.47	268.6	16.05	31.42	11.18	266	19.37	27.84	75.66	76.44	4.856	1.812	0	758.8	26.27	1.464	-0.051	13.19
2/22/2014 16:00	39826	15.92	255	17.02	27.84	12.98	252.3	18.67	22.47	76.38	76.82	3.759	1.811	0	551.2	26.25	1.464	0	13.18
2/22/2014 17:00	39827	15.7	238.4	17.68	26.05	12.28	236.6	18.12	22.47	76.25	76.42	2.781	1.811	0	381.5	26.23	1.436	-0.028	13.38
2/22/2014 18:00	39828	14.34	225	9.89	22.47	10.61	223.6	11.22	18.89	74.98	74.77	4.046	1.812	0	197.2	26.21	1.423	-0.013	13.19
2/22/2014 19:00	39829	8.67	225.1	7.014	20.68	5.601	224.1	9.25	17.1	69.75	68.26	6.08	2.794	0	27.46	26.2	1.414	-0.009	13.16
2/22/2014 20:00	39830	8.35	219.9	7.577	11.74	4.619	218.4	9.92	8.16	65.07	62.39	8.9	5.587	0	0.06	26.18	1.411	-0.003	13.13
2/22/2014 21:00	39831	6.009	228.9	7.871	9.95	2.588	230.6	16.95	6.368	60.21	57.4	10.99	7.462	0	0.003	26.17	1.411	0	12.93
2/22/2014 22:00	39832	7.525	254.4	11.58	13.52	4.4	250.3	11.68	9.95	58.93	56.2	12.11	8.66	0	0	26.17	1.411	0	13.17
2/22/2014 23:00	39833	7.594	296.1	18.2	17.1	4.485	298.3	21.46	11.74	56.68	54.35	13.92	10.27	0	0	26.17	1.411	0	13.07
2/23/2014 0:00	39834	7.685	316.1	11.2	13.52	4.658	316.2	25.45	9.95	55.62	53.57	14.82	11.01	0	0	26.17	1.411	0	12.95
2/23/2014 1:00	39835	2.611	307.6	32.68	8.16	1.341	172.3	58.66	4.578	53.58	49.94	16.79	14.07	0	0	26.16	1.411	0	13.1
2/23/2014 2:00	39836	1.731	286.9	38.89	4.578	0.248	220.2	21.23	4.578	50.89	47.18	19.78	17.35	0	0.001	26.15	1.411	0	13.09
2/23/2014 3:00	39837	5.211	290.2	26.47	8.16	1.749	266.3	46.88	4.578	49.99	44.72	21.35	20.29	0	0	26.14	1.408	-0.003	12.85
2/23/2014 4:00	39838	6.602	319	18.44	15.31	2.869	330.2	9.73	11.74	50.85	46.39	20.19	19.25	0	0	26.14	1.408	0	12.86
2/23/2014 5:00	39839	9.7	344	65.54	17.1	7.109	344.5	62.91	13.52	54	51.97	17.48	14.19	0	0	26.17	1.399	-0.01	12.78
2/23/2014 6:00	39840	3.151	180.5	60.69	11.74	1.859	142.6	51.92	9.95	50.1	46.59	22.35	19.22	0	0	26.2	1.399	0	12.85
2/23/2014 7:00	39841	5.3	316.8	38.82	13.52	3.262	326.6	48.18	9.95	47.09	42.14	25	25	0	0	26.2	1.399	0	12.79
2/23/2014 8:00	39842	7.475	2.991	19.96	13.52	4.469	0.306	28.85	9.95	48.2	46.14	26.93	23.75	0	24.46	26.22	1.399	0	12.9
2/23/2014 9:00	39843	8.73	8.19	7.849	13.52	6.092	6.771	9.54	9.95	57.63	57.07	21.41	18.14	0	227.8	26.27	1.361	-0.038	13.39
2/23/2014 10:00	39844	6.964	5.029	10.42	11.74	5.313	2.7	13.32	9.95	64.92	65.4	16.34	13.05	0	468.6	26.37	1.357	-0.004	13.44
2/23/2014 11:00	39845	6.17	4.519	18.05	11.74	4.88	2.145	21.03	9.95	70.43	71.41	12.38	9.24	0	657.4	26.44	1.357	0	13.59
2/23/2014 12:00	39846	5.147	42.59	37.61	13.52	3.528	32.24	36.07	11.74	73.85	74.81	10.57	7.924	0	776.5	26.47	1.356	0	13.5
2/23/2014 13:00	39847	5.045	321.5	60.9	11.74	3.988	316.2	56.46	9.95	75.42	76.03	9.76	7.017	0	779.1	26.48	1.341	-0.016	13.44
2/23/2014 14:00	39848	5.888	264.6	70.66	15.31	4.825	268.5	68.7	13.52	77.05	77.53	8.62	5.736	0	812	26.47	1.331	-0.01	13.64
2/23/2014 15:00	39849	6.204	217.9	45.2	13.52	4.918	218.4	44.21	11.74	76.7	77.41	8.85	5.33	0	655.3	26.44	1.315	-0.016	13.47
2/23/2014 16:00	39850	5.771	237.4	47.6	17.1	4.441	240.5	40.29	15.31	76.44	77	8.81	5.263	0	502.6	26.42	1.293	-0.022	13.54
2/23/2014 17:00	39851	5.117	245.1	59.37	11.74	4.015	249.4	57.46	9.95	76.09	76.39	8.91	5.49	0	361.8	26.39	1.29	-0.003	13.46
2/23/2014 18:00	39852	5.496	192.7	21.46	11.74	3.703	195	22.67	9.95	74.26	74.31	9.73	6.383	0	154.6	26.38	1.281	-0.01	13.59
2/23/2014 19:00	39853	10.17	125.6	34.21	27.84	6.312	115.7	33.32	22.47	68.92	67.86	15.48	12.53	0	22.89	26.37	1.278	-0.003	13.51
2/23/2014 20:00	39854	13.15	93.2	8.17	20.68	9.08	90.4	14.53	17.1	59	58.47	28.69	25.33	0	0.031	26.36	1.275	-0.003	13.31
2/23/2014 21:00	39855	12.23	78.11	8.25	20.68	7.686	72.68	15.59	15.31	53.59	53.13	35.78	32.19	0	0.001	26.35	1.275	0	13.24
2/23/2014 22:00	39856	11.11	85.2	11.36	22.47	7.282	81.7	18.21	17.1	49.57	49	42.9	38.68	0	0	26.33	1.275	0	13.38
2/23/2014 23:00	39857	9.75	79.03	10.04	15.31	6.131	74.39	16.68	13.52	47.02	46.34	49.18	44.06	0	0	26.33	1.275	0	13.17
2/24/2014 0:00	39858	7.549	91	15.52	11.74	4.91	87.9	21.18	9.95	45.46	44.79	52.74	47.13	0	0	26.31	1.275	0	13.34
2/24/2014 1:00	39859	8.14	102.7	11.02	24.26	5.825	100.2	15.9	13.52	46.66	46.32	51.53	45.94	0	0	26.3	1.275	0	13.11

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/24/2014 2:00	39860	8.12	110.5	11.22	13.52	5.594	106.9	16.72	11.74	46.58	46.24	52.42	46.78	0	0	26.3	1.275	0	13.18
2/24/2014 3:00	39861	8.61	101.5	11.58	13.52	5.951	98.2	16.98	11.74	45.99	45.56	54.04	48.22	0	0	26.29	1.275	0	13.27
2/24/2014 4:00	39862	9.55	84.3	7.928	15.31	6.171	80	15.59	11.74	44.87	44.5	57.03	50.62	0	0	26.27	1.275	0	13
2/24/2014 5:00	39863	7.673	68.14	10.79	11.74	5.187	63.35	16.05	9.95	43.81	43.61	60.17	53.05	0	0	26.27	1.275	0	13.05
2/24/2014 6:00	39864	7.168	55.93	12.61	11.74	4.788	52.51	16.35	9.95	42.94	42.79	62.4	54.87	0	0	26.28	1.275	0	13.16
2/24/2014 7:00	39865	7.72	78.03	11.49	11.74	5.072	74.92	17.88	9.95	41.56	41.35	65.06	57.14	0	0	26.28	1.275	0	13
2/24/2014 8:00	39866	7.93	76.32	10.19	11.74	5.306	71.84	16.89	9.95	41.32	41.28	65.42	57.26	0	7.384	26.29	1.275	0	13.25
2/24/2014 9:00	39867	8.62	78.15	11.06	13.52	6.04	73.51	17.88	11.74	42.61	43.13	62.74	54.65	0	155.4	26.31	1.275	0	13
2/24/2014 10:00	39868	6.476	87.3	20.6	11.74	5.012	84.6	26.65	11.74	47.51	48.67	55.64	48.82	0	383.6	26.37	1.275	0	13.23
2/24/2014 11:00	39869	4.121	101.8	39.51	8.16	3.163	97.4	43.83	8.16	53.04	54.12	47.53	42.84	0	503.7	26.42	1.278	0.003	13.29
2/24/2014 12:00	39870	5.781	196.4	37.64	13.52	4.489	199.6	41.17	9.95	59.16	59.86	39.75	36.19	0	800	26.46	1.277	0	13.39
2/24/2014 13:00	39871	7.373	222.5	21.8	13.52	5.96	223.2	23.62	11.74	63.75	64.51	33.62	30.66	0	865	26.47	1.277	0	13.23
2/24/2014 14:00	39872	6.138	262.9	30.32	11.74	5.006	258.4	33.28	11.74	69.02	69.97	26.4	24.03	0	834	26.44	1.277	0	13.19
2/24/2014 15:00	39873	5.003	249.7	41.38	11.74	4.095	247.3	45.5	11.74	74.15	74.68	18.96	17.1	0	711.2	26.42	1.277	0	13.33
2/24/2014 16:00	39874	6.646	265.2	37.79	13.52	5.383	261.4	40.81	11.74	74.54	75.08	14.2	11.66	0	486.3	26.4	1.277	0	13.37
2/24/2014 17:00	39875	4.122	260.9	43.85	9.95	3.238	261.8	37.24	8.16	73.87	73.95	14.49	11.88	0	219.8	26.37	1.277	0	13.56
2/24/2014 18:00	39876	4.806	235.7	32.84	11.74	3.487	235.6	29.36	8.16	74.81	74.78	13.17	10.78	0	201.2	26.34	1.277	0	13.45
2/24/2014 19:00	39877	6.334	180.8	17.51	9.95	3.176	179.6	22.88	8.16	70.57	69.17	19.08	17.63	0	25.61	26.33	1.265	-0.013	13.29
2/24/2014 20:00	39878	6.394	134.5	9.98	9.95	2.736	103.1	13.32	4.578	65.56	61.99	24.76	25.64	0	0.054	26.31	1.265	0	13.36
2/24/2014 21:00	39879	6.767	141.3	10.95	9.95	2.811	131.5	23.87	6.368	63.08	60.32	26.86	27.02	0	0.006	26.3	1.265	0	13.22
2/24/2014 22:00	39880	7.094	159.4	6.111	11.74	3.157	160.8	11.88	6.368	60.3	58.16	30.85	29.92	0	0.004	26.3	1.265	0	13.09
2/24/2014 23:00	39881	4.456	161.5	11.69	8.16	1.106	147.6	8.05	4.578	58.06	55.52	33.74	33.33	0	0.001	26.3	1.265	0	13.33
2/25/2014 0:00	39882	4.535	182.7	17.92	6.368	0.148	173.1	2.277	2.789	59.22	54.68	32.72	35.04	0	0	26.28	1.266	0	13.07
2/25/2014 1:00	39883	2.252	202.1	13.9	8.16	0.027	22.88	0.221	2.789	55.95	52.12	36.11	37.81	0	0	26.27	1.266	0	12.95
2/25/2014 2:00	39884	4.179	185.7	14.27	6.368	0.513	129.9	4.079	4.578	56.93	51.1	35.85	39.6	0	0	26.26	1.266	0	13.09
2/25/2014 3:00	39885	4.058	180.5	20.01	8.16	1.123	125.9	26.89	4.578	54.82	50.68	43.85	43.73	0	0	26.25	1.266	0	13.48
2/25/2014 4:00	39886	1.978	180.8	25.84	6.368	0.001	81.7	0	2.789	52.71	50.16	58.04	52.85	0	0	26.23	1.266	0	13.31
2/25/2014 5:00	39887	2.254	272.9	19.99	4.578	0	0	0	0	53.65	50.61	70.46	64.62	0	0	26.23	1.266	0	13.06
2/25/2014 6:00	39888	3.781	281.4	22.08	6.368	0	0	0	0	53.12	48.59	66.52	66.43	0	0	26.23	1.266	0	13.25
2/25/2014 7:00	39889	10.88	332.3	49.57	31.42	5.506	22.34	8.84	24.26	51.76	48.84	57.08	55.05	0	0	26.25	1.266	0	13.2
2/25/2014 8:00	39890	17.5	32.2	9.9	27.84	10.57	28.94	10.57	22.47	43.3	43.26	49.95	44.67	0	9.28	26.29	1.262	-0.003	12.88
2/25/2014 9:00	39891	19.08	46.38	10.85	31.42	11.1	40.98	13.57	24.26	40.17	40.39	74.62	64.74	0	76.02	26.3	1.266	0.003	12.99
2/25/2014 10:00	39892	16.09	46.86	10.62	24.26	9.45	41.21	13.74	17.1	39.15	39.56	92.2	79.52	0	102.2	26.33	1.263	-0.003	12.63
2/25/2014 11:00	39893	15.51	43.39	11.09	24.26	8.94	37.3	13.27	18.89	40.75	41.16	90.6	79.02	0	128.6	26.34	1.263	0	12.62
2/25/2014 12:00	39894	13.28	38.75	13.92	20.68	8.35	33.96	15.96	17.1	42.27	42.92	85.7	74.74	0	212.6	26.35	1.262	0	12.72
2/25/2014 13:00	39895	11.85	44.69	13.86	18.89	7.26	40.01	16.71	15.31	42.59	43.28	86.9	75.68	0	188.9	26.35	1.262	0	12.55
2/25/2014 14:00	39896	10.2	50.06	15.19	17.1	6.634	45.53	17.84	13.52	43.39	44.25	85	74.05	0	213.6	26.32	1.262	0	12.84
2/25/2014 15:00	39897	8.06	39.54	16.73	13.52	5.433	34.33	18.67	11.74	44.02	44.8	83.5	73.26	0	246.6	26.29	1.262	0	12.69
2/25/2014 16:00	39898	7.074	55.22	17.15	11.74	4.941	49.82	21.57	9.95	45.29	46.32	80.7	70.72	0	254.3	26.28	1.247	-0.016	13.01
2/25/2014 17:00	39899	7.73	78.72	17.45	13.52	5.802	76.19	23.49	9.95	46.57	47.73	78.39	68.51	0	237.2	26.26	1.243	-0.003	12.79
2/25/2014 18:00	39900	6.617	106.7	13.71	11.74	5.131	104.8	20.87	8.16	46.44	47.09	80.1	70.33	0	102.8	26.26	1.243	0	12.94
2/25/2014 19:00	39901	6.701	97.4	13.18	9.95	4.978	95.7	18.96	8.16	45.21	45.48	82.3	72.56	0	11.43	26.25	1.243	0	12.78
2/25/2014 20:00	39902	7.64	126.4	11.95	11.74	5.194	126	17.19	9.95	43.91	44.07	86.4	76	0	0.002	26.25	1.24	-0.003	12.81
2/25/2014 21:00	39903	7.836	127.5	12.91	11.74	5.357	126.7	18.61	9.95	42.78	42.97	91.5	79.96	0	0	26.26	1.243	0.003	12.76
2/25/2014 22:00	39904	8.77	121	9.72	13.52	5.927	119.5	16.02	11.74	42.25	42.42	93.8	81.9	0	0	26.27	1.24	-0.003	12.72

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
2/25/2014 23:00	39905	8.79	106.8	11.6	13.52	6.38	105.3	16.72	11.74	41.35	41.59	98.3	85.3	0	0	26.27	1.24	0	12.83	
2/26/2014 0:00	39906	13.74	86.4	9.4	24.26	9.04	83.1	16.5	17.1	40.28	40.49	99.9	87.5	0	0	26.29	1.24	0	12.87	
2/26/2014 1:00	39907	20.25	74.1	9.44	36.78	13.28	70.01	15.85	22.47	37.48	37.68	99.9	87.8	0	0	26.3	1.241	0	12.63	
2/26/2014 2:00	39908	22.92	60.25	10.43	33.21	14.7	56.11	15.91	27.84	34	34.35	94	81.3	0	0	26.33	1.244	0.003	12.68	
2/26/2014 3:00	39909	21.95	61.38	9.38	36.78	14.49	56.69	14.6	27.84	32.09	32.14	91.6	80.3	0	0	26.34	1.244	0	12.56	
2/26/2014 4:00	39910	20	60.89	9.11	33.21	14.13	57.22	14.24	27.84	31	30.92	86.5	77.23	0	0	26.33	1.241	-0.003	12.31	
2/26/2014 5:00	39911	17.51	54.75	10.65	29.63	11.71	49.16	14.89	26.05	29.8	29.76	84.1	74.86	0	0	26.33	1.244	0.003	12.33	
2/26/2014 6:00	39912	16.41	44.58	10.17	29.63	9.79	38.63	12.43	24.26	28.03	28	77.16	68.47	0	0	26.37	1.241	-0.003	12.28	
2/26/2014 7:00	39913	13.53	43.06	10.71	24.26	8.2	37.58	12.82	18.89	26.7	26.77	77.17	67.82	0	0	26.39	1.244	0.003	12.24	
2/26/2014 8:00	39914	12.27	33.45	11.19	18.89	7.884	29.17	12.35	17.1	25.1	25.29	77.59	67.51	0	2.925	26.4	1.244	0	12.58	
2/26/2014 9:00	39915	8.1	24.69	13.76	17.1	5.584	22.22	15.25	13.52	25.17	25.48	76.93	66.82	0	45.52	26.41	1.244	0	12.69	
2/26/2014 10:00	39916	5.266	355.9	19.76	9.95	4.267	352.7	21.8	9.95	25.96	26.44	76.41	66.57	0	117.2	26.42	1.244	0	12.58	
2/26/2014 11:00	39917	3.241	26.4	35.49	8.16	2.522	21.42	39.4	8.16	28.91	29.28	72.42	64.08	0	258.2	26.42	1.241	-0.003	12.78	
2/26/2014 12:00	39918	2.989	98.9	72.03	8.16	2.038	89.7	64.81	6.368	31.85	32.17	69.68	61.73	0	356.1	26.41	1.244	0.003	12.78	
2/26/2014 13:00	39919	4.851	206.3	36.31	11.74	3.745	210	40.23	9.95	35.14	35.65	67.3	58.76	0	555.2	26.41	1.243	0	12.85	
2/26/2014 14:00	39920	7.899	218.2	19.92	13.52	6.388	219.1	21.47	11.74	35.75	36.65	68.9	59.06	0	580	26.39	1.24	-0.003	12.99	
2/26/2014 15:00	39921	9.05	223.7	16.27	15.31	7.314	223.9	16.92	13.52	37.76	38.89	68.33	58.16	0	669.2	26.36	1.234	-0.006	13	
2/26/2014 16:00	39922	8.87	221.3	17.64	18.89	7.203	220.7	18.8	18.89	40.42	41.36	62.72	53.91	0	581.2	26.34	1.224	-0.01	12.96	
2/26/2014 17:00	39923	9.6	213	16.97	18.89	7.507	213.8	18.92	15.31	42.66	43.61	57.65	49.95	0	455.1	26.31	1.211	-0.013	12.91	
2/26/2014 18:00	39924	9.52	200.4	13.79	17.1	6.999	203	16.45	15.31	43.18	44.13	55.1	47.84	0	260.2	26.29	1.212	0	12.98	
2/26/2014 19:00	39925	9.09	187.3	11.93	13.52	5.855	187.4	16.36	9.95	41.44	41.31	57.34	51.04	0	48.48	26.27	1.212	0	12.99	
2/26/2014 20:00	39926	6.677	151.1	11.64	8.16	3.122	140.2	17.72	6.368	37.56	35.7	65.81	60.24	0	0.065	26.25	1.212	0	12.96	
2/26/2014 21:00	39927	6.982	141.2	6.884	9.95	3.13	128.3	13.51	4.578	35.2	32.93	71.91	66.15	0	0	26.24	1.212	0	12.68	
2/26/2014 22:00	39928	7.135	151	9.33	9.95	3.496	143.7	17.51	6.368	33.74	32.01	75.94	68.83	0	0	26.23	1.212	0	12.56	
2/26/2014 23:00	39929	6.238	130.2	10.32	9.95	3.042	117.8	17.93	6.368	32.12	30.46	80.1	72.04	0	0	26.23	1.212	0	12.65	
2/27/2014 0:00	39930	5.227	124.9	12.94	8.16	2.664	96.8	21.06	4.578	30.96	29.28	83.2	74.13	0	0	26.23	1.212	0	12.67	
2/27/2014 1:00	39931	5.604	122.1	11.68	8.16	2.551	93.8	14.28	4.578	30.67	28.35	85.3	76.68	0	0	26.21	1.212	0	12.45	
2/27/2014 2:00	39932	5.819	117.6	7.481	8.16	3.041	90.6	12.64	4.578	30.14	27.99	87.4	77.81	0	0	26.2	1.212	0	12.56	
2/27/2014 3:00	39933	5.683	103.2	9.57	8.16	3.052	81.7	13.26	4.578	30.69	28.62	86.9	78.24	0	0	26.19	1.212	0	12.71	
2/27/2014 4:00	39934	5.661	152.2	32.3	9.95	2.266	125.5	48.1	4.578	31.62	29.03	84.7	77.62	0	0	26.18	1.212	0	12.79	
2/27/2014 5:00	39935	2.685	266.7	32.24	6.368	0.285	293.7	13.85	2.789	30.51	28.39	85.1	77.79	0	0	26.17	1.212	0	12.82	
2/27/2014 6:00	39936	1.314	34.22	31.12	4.578	0.44	65.19	20.25	4.578	32.05	30.21	80.6	75.41	0	0	26.18	1.212	0	12.67	
2/27/2014 7:00	39937	1.634	44.86	16.45	4.578	0.217	49.91	3.428	4.578	33.03	31.74	78.61	72.99	0	0	26.18	2.561	1.349	12.59	
2/27/2014 8:00	39938	3.096	71.19	9.68	8.16	1.569	70.24	14.13	4.578	32.73	31.64	78.95	72.59	0	23.04	26.18	3.142	0.58	12.71	
2/27/2014 9:00	39939	3.219	83.5	21.79	6.368	2.252	82.4	20.59	6.368	34.94	35.09	74.89	66.65	0	157.1	26.2	3.151	0.009	12.91	
2/27/2014 10:00	39940	5.332	186.5	39.41	9.95	4.169	193.1	36.09	9.95	40.07	40.69	66.97	58.5	0	434	26.25	3.156	0.005	13.04	
2/27/2014 11:00	39941	6.876	207.4	18.96	11.74	5.426	210.1	21.13	11.74	43.45	44.29	63.63	55.24	0	638.3	26.29	3.174	0.018	13.26	
2/27/2014 12:00	39942	8.51	202.2	17.05	15.31	6.619	205	19.48	13.52	48.67	49.89	55.78	48.76	0	786	26.29	3.177	0.003	13.16	
2/27/2014 13:00	39943	10.29	203.9	15.17	17.1	7.998	206.3	17.8	15.31	53.9	55.38	48.1	42.58	0	868	26.28	3.177	0	12.98	
2/27/2014 14:00	39944	11.05	211.2	14.82	18.89	8.49	211.8	16.58	15.31	57.6	59.23	42.18	37.88	0	876	26.26	3.176	-0.001	12.98	
2/27/2014 15:00	39945	11.6	213.6	17.06	18.89	8.98	212.8	18.13	17.1	61.87	63.3	35.65	32.59	0	807	26.23	3.176	0	13.03	
2/27/2014 16:00	39946	11.4	211.5	14.77	18.89	8.73	211.6	16.29	15.31	65.42	66.73	31.27	28.63	0	670.7	26.2	3.176	0	13.15	
2/27/2014 17:00	39947	11.56	197.1	13.73	20.68	8.29	199.1	16.77	15.31	67.48	68.79	29.36	26.95	0	482.9	26.17	3.173	-0.003	13.12	
2/27/2014 18:00	39948	13.18	201	8.45	22.47	9.26	202.8	12.45	17.1	68.89	69.52	27.31	25.63	0	261.7	26.14	3.173	0	13.2	
2/27/2014 19:00	39949	10.89	187.3	8.58	18.89	6.781	189	13.54	15.31	66.01	65.45	30.44	29.51	0	49.09	26.12	3.174	0.001	13.23	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
2/27/2014 20:00	39950	10.7	177.3	7.766	18.89	6.233	177.2	13.43	13.52	59.53	58.37	41.13	40.04	0	0.129	26.08	3.171	-0.003	13
2/27/2014 21:00	39951	14.27	178.8	7.943	22.47	8.74	180.4	13.86	15.31	57.31	56.46	48.19	45.86	0	0.005	26.05	3.171	0	12.91
2/27/2014 22:00	39952	10.09	167.7	8.98	17.1	5.773	168.2	15.17	11.74	54.22	53.05	55.52	52.41	0	0.004	26.03	3.171	0	12.89
2/27/2014 23:00	39953	5.832	188.3	9.81	9.95	2.345	187.3	14.71	6.368	51.11	48.6	61.97	59.52	0	0.001	26.02	3.172	0	12.99
2/28/2014 0:00	39954	4.251	234.5	13.5	8.16	0.946	249.2	17.7	6.368	48.1	45.45	68.31	64.99	0	0	26	3.172	0	12.98
2/28/2014 1:00	39955	6.524	220.2	8.81	11.74	3.627	222.2	13.73	8.16	47.18	45.31	70.93	66.29	0	0	25.99	3.172	0	12.8
2/28/2014 2:00	39956	7.227	217.5	16.84	17.1	4.476	219.7	22.17	11.74	45.5	44.4	73.78	67.55	0	0	25.99	3.172	0	12.72
2/28/2014 3:00	39957	5.111	235.8	12.07	9.95	2.531	247.9	22.7	6.368	43.85	42.02	76.1	70.43	0	0	25.99	3.173	0.001	12.63
2/28/2014 4:00	39958	5.664	224	39.18	11.74	2.935	229.8	61.32	9.95	45.16	41.06	66.9	68.54	0	0	25.98	3.173	0	12.61
2/28/2014 5:00	39959	14	290.1	10.32	24.26	10.63	289	13.93	20.68	56.91	55.01	32.31	33.15	0	0	26	3.172	-0.001	12.66
2/28/2014 6:00	39960	12.03	288.9	7.986	24.26	8.99	288.8	11.13	18.89	55.69	54.18	30.97	30.27	0	0.001	26.06	3.172	0	12.53
2/28/2014 7:00	39961	8.89	299.7	10.99	13.52	5.624	301.9	15.11	9.95	51.68	49.32	35.51	35.53	0	0.002	26.08	3.172	0	12.47
2/28/2014 8:00	39962	8.82	316.3	11.91	13.52	5.842	318.9	12.94	11.74	50.44	48.01	36.8	36.76	0	33.76	26.09	3.172	0	12.94
2/28/2014 9:00	39963	7.037	301.2	12.62	11.74	5.687	302	14.92	9.95	53.71	53.34	34.04	31.76	0	243.2	26.13	3.172	0	12.85
2/28/2014 10:00	39964	11.26	311.1	9.67	20.68	9.25	312	10.91	18.89	60.37	60.41	27.66	25.71	0	460.3	26.21	3.174	0.002	12.99
2/28/2014 11:00	39965	14.98	302.2	12.53	26.05	12.37	302.6	15.51	20.68	66.21	66.62	19.48	17.29	0	664	26.26	3.173	-0.001	13.12
2/28/2014 12:00	39966	13.8	284.7	15.98	22.47	11.23	281.9	19.78	20.68	69.31	70.23	14.78	12.18	0	807	26.28	3.173	0	13.05
2/28/2014 13:00	39967	11.51	276.9	23.54	22.47	9.51	275.7	26.39	17.1	72.16	73.11	11.97	9.3	0	872	26.29	3.173	0	13.17
2/28/2014 14:00	39968	12.45	271.7	18.25	22.47	10.03	269.3	21.44	22.47	74.2	75.28	10.93	8.32	0	877	26.28	3.172	0	13.07
2/28/2014 15:00	39969	10.91	276.5	39.68	22.47	9	275.8	41.79	18.89	75.97	76.98	10.53	8.03	0	804	26.25	3.172	0	13.07
2/28/2014 16:00	39970	9.99	239.2	27.78	18.89	8	236.5	28.19	17.1	77.47	78.23	9.93	7.372	0	673.1	26.25	3.172	0	13.18
2/28/2014 17:00	39971	11.35	244.1	17.06	20.68	9.12	241.4	18.1	18.89	78	78.51	8.2	5.448	0	494.3	26.24	3.172	0	13.17
2/28/2014 18:00	39972	9.5	267.7	15.39	17.1	7.639	263.8	18.24	15.31	77.64	77.8	8.4	5.787	0	276.2	26.22	3.173	0	12.94
2/28/2014 19:00	39973	7.004	240.4	9.06	13.52	4.964	236.1	10.85	11.74	75.25	74.17	11.51	9.84	0	57.27	26.21	3.173	0	13.28
2/28/2014 20:00	39974	8.82	253.7	8.83	15.31	5.182	248	10.85	9.95	69.37	66.46	14.86	13.88	0	0.173	26.2	3.174	0.001	13.23
2/28/2014 21:00	39975	9.09	250.6	5.353	11.74	5.258	251.4	9.42	8.16	65.68	62.72	19.39	18.59	0	0.02	26.19	3.168	-0.006	13.07
2/28/2014 22:00	39976	7.275	242.7	8.08	9.95	3.695	248	10.28	6.368	62.02	58.89	24.49	23.86	0	0.006	26.19	3.164	-0.003	13.09
2/28/2014 23:00	39977	4.297	250.2	18.9	9.95	1.171	235.1	10.3	6.368	59.02	55.72	28.27	28.23	0	0.001	26.19	3.159	-0.006	13
3/1/2014 0:00	39978	6.011	291.1	24.97	9.95	1.414	328.9	11.68	6.368	59.43	55.08	28.74	29.9	0	0.001	26.18	3.156	-0.003	13.11
3/1/2014 1:00	39979	5.317	291.3	24.24	15.31	2.095	293.9	30.96	9.95	59.06	55.19	29.65	30.54	0	0.003	26.17	3.146	-0.01	13
3/1/2014 2:00	39980	4.813	173.2	14.89	13.52	1.171	167	8.19	6.368	52.16	47.88	36.89	38.12	0	0.001	26.18	3.14	-0.006	12.93
3/1/2014 3:00	39981	2.783	148.8	21.13	4.578	0	0	0	0	52.33	48.43	37.55	38.69	0	0	26.16	3.124	-0.016	12.88
3/1/2014 4:00	39982	3.603	168.1	12.84	6.368	0	0	0	0	53.16	49.72	37.11	38.08	0	0	26.15	3.105	-0.019	12.88
3/1/2014 5:00	39983	5.431	177.4	15.41	9.95	0.215	151.2	3.314	6.368	52.48	48.18	37.96	39.81	0	0	26.16	3.102	-0.003	12.9
3/1/2014 6:00	39984	4.924	176.1	10.36	8.16	0	0	0	0	52.08	48.03	38.12	40.38	0	0	26.17	3.099	-0.003	12.75
3/1/2014 7:00	39985	3.8	189.2	17.59	6.368	0	0	0	0	49.6	46.83	41.86	41.72	0	0.002	26.18	3.099	0	12.7
3/1/2014 8:00	39986	2.159	174.8	17.51	4.578	0	0	0	0	49.88	47.32	41.82	41.99	0	33.28	26.17	3.096	-0.003	12.98
3/1/2014 9:00	39987	4.014	190	22.6	8.16	1.515	208.1	8.26	6.368	54.2	53.9	38.13	36.03	0	211.4	26.21	3.096	0	12.98
3/1/2014 10:00	39988	7.134	202.9	10.57	11.74	5.351	204.8	14.54	9.95	63.08	63.67	28.34	25.88	0	398.5	26.29	3.095	-0.001	13.18
3/1/2014 11:00	39989	10.76	209.5	12.1	20.68	7.983	209.7	14.75	17.1	71.21	72.29	21.24	19.12	0	624.5	26.34	3.094	-0.001	13.19
3/1/2014 12:00	39990	17.32	233.4	10.32	26.05	13.23	231.9	12.04	22.47	75.08	75.61	15.74	13.98	0	652.6	26.36	3.09	-0.003	13.24
3/1/2014 13:00	39991	16.36	235.6	14.45	29.63	12.51	233.8	15.85	22.47	77.22	78.01	13.72	11.67	0	819	26.33	3.087	-0.003	13.34
3/1/2014 14:00	39992	17.13	231.8	12.9	27.84	12.98	230.6	14.99	20.68	79.13	79.98	11.56	9.36	0	728.6	26.3	3.08	-0.007	13.29
3/1/2014 15:00	39993	18.72	231	12.62	33.21	14.09	230.5	13.72	26.05	80.1	81.1	10.19	7.785	0	790.7	26.28	3.065	-0.016	13.18
3/1/2014 16:00	39994	19.36	225.7	15.37	34.99	14.11	224.8	16.49	26.05	81.3	82.2	9.32	6.824	0	666	26.27	3.014	-0.051	13.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/1/2014 17:00	39995	19.39	227.6	12.88	29.63	14.04	226.5	14.08	27.84	81.1	81.7	9.51	7.071	0	452.1	26.25	2.998	-0.016	13.02
3/1/2014 18:00	39996	15.59	246.6	9.85	24.26	12.39	244.3	11.09	20.68	79.72	79.51	11	9.09	0	190.2	26.24	2.926	-0.073	13.2
3/1/2014 19:00	39997	7.425	233.5	15.43	18.89	4.571	232.2	17.37	15.31	75	73.43	13.67	12.51	0	20.14	26.24	2.919	-0.006	13.15
3/1/2014 20:00	39998	5.492	206.4	13.87	9.95	1.962	203	20.89	6.368	70.02	66.76	16.37	15.86	0	0.134	26.22	2.911	-0.009	13.03
3/1/2014 21:00	39999	5.625	228.3	33.58	9.95	2.377	258.2	46.26	6.368	68.73	64.98	16.89	16.85	0	0.026	26.21	2.904	-0.006	12.91
3/1/2014 22:00	40000	6.875	306.3	5.832	9.95	2.891	315	8.09	4.578	67.77	63.37	19.19	19.86	0	0.023	26.21	2.898	-0.006	12.97
3/1/2014 23:00	40001	6.321	336.9	8.02	9.95	3.354	348.3	11.72	6.368	66.42	62.22	20.35	21.13	0	0.011	26.21	2.895	-0.003	13.01
3/2/2014 0:00	40002	7.573	46.99	63.9	26.05	4.589	58.72	60.5	24.26	62.41	60.73	27.56	26.42	0	0.012	26.24	2.892	-0.003	13.09
3/2/2014 1:00	40003	6.861	36.44	21.33	22.47	3.971	31.79	24.25	13.52	59.19	57.97	36.15	34.32	0	0.005	26.24	2.892	0	13.09
3/2/2014 2:00	40004	18.61	47.47	13.98	29.63	11.4	43.12	16.16	22.47	49.7	49.83	68.03	60.88	0	0.002	26.23	2.889	-0.003	12.85
3/2/2014 3:00	40005	20.09	60.64	9.18	29.63	13.32	56.46	14.03	26.05	42.77	42.94	82.6	72.64	0	0	26.19	2.886	-0.003	12.67
3/2/2014 4:00	40006	17.66	61.74	12.06	27.84	11.43	57.86	17.87	22.47	38.27	38.48	81	70.94	0	0	26.18	2.887	0.001	12.64
3/2/2014 5:00	40007	14.87	48.99	13.58	27.84	9.22	44.32	16.46	20.68	36.14	36.29	81	70.55	0	0	26.19	2.884	-0.003	12.56
3/2/2014 6:00	40008	17.49	59.95	9.87	27.84	11.57	56.32	14.96	20.68	34.88	35	81.7	71.01	0	0	26.17	2.881	-0.003	12.43
3/2/2014 7:00	40009	16.26	52.88	10.23	26.05	10.08	47.9	14.58	20.68	32.97	33.12	80.1	69.42	0	0	26.19	2.881	0	12.49
3/2/2014 8:00	40010	16.55	63.22	10.08	27.84	11.13	58.28	15.71	22.47	31.25	31.5	80.4	69.23	0	8.1	26.2	2.881	0	12.44
3/2/2014 9:00	40011	16.06	57.35	11.53	26.05	10.14	52.4	16.11	18.89	29.32	29.73	82.7	70.65	0	43.27	26.23	2.878	-0.003	12.46
3/2/2014 10:00	40012	15.63	20.41	20.6	24.26	11.25	17.27	21.05	20.68	27.93	28.49	82.4	70.27	0	73.92	26.29	2.876	-0.003	12.54
3/2/2014 11:00	40013	14.02	31.4	17.14	24.26	9.32	28.13	17.38	20.68	27.93	28.75	78.84	67.7	0	295.6	26.3	2.876	0	12.61
3/2/2014 12:00	40014	12.61	68.77	13.37	18.89	8.5	63.85	19.2	17.1	31.23	32.56	70.23	59.8	0	232.7	26.31	2.875	-0.001	12.71
3/2/2014 13:00	40015	14.96	99.8	11.61	27.84	10.92	97.8	16.87	22.47	31.06	31.8	74.78	64.76	0	199.9	26.26	2.875	0	12.82
3/2/2014 14:00	40016	10.4	133.9	27.6	18.89	7.707	133.8	32.47	15.31	36.18	37.8	71.88	60.87	0	662.5	26.24	2.874	0	12.84
3/2/2014 15:00	40017	10.77	199.4	16.31	20.68	8.02	199.7	19.86	17.1	45.93	47.6	59.31	50.47	0	832	26.3	2.873	-0.001	13.07
3/2/2014 16:00	40018	8.89	191.4	26.83	18.89	6.659	191.2	31.99	15.31	52	53.36	52.34	45.72	0	693.2	26.34	2.87	-0.004	12.92
3/2/2014 17:00	40019	11.38	78.76	37.55	29.63	7.505	72.88	39.78	20.68	52.68	54.1	48.45	43.51	0	499	26.35	2.87	0	12.84
3/2/2014 18:00	40020	19.08	44.11	10.76	29.63	11.13	37.88	12.89	24.26	39.34	40.17	63.6	54.93	0	273.1	26.35	2.864	-0.006	12.66
3/2/2014 19:00	40021	15.92	46.84	10.58	27.84	9.27	41.6	13.4	20.68	32.12	32.52	72.68	62.26	0	54.4	26.32	2.846	-0.018	12.38
3/2/2014 20:00	40022	17.51	44.19	9.66	26.05	9.98	38.45	11.93	18.89	28.14	28.27	79.05	67.58	0	0.047	26.31	2.837	-0.009	12.44
3/2/2014 21:00	40023	17.45	38.99	10.73	26.05	10.23	34.1	12.27	24.26	24.74	24.89	80.4	68.39	0	0	26.33	2.825	-0.012	12.34
3/2/2014 22:00	40024	17.74	30.23	10.9	27.84	11.38	26.41	11.77	24.26	21.41	21.6	79.17	66.93	0	0	26.34	2.816	-0.009	12.29
3/2/2014 23:00	40025	17.54	28.99	10.89	29.63	11.54	25.49	12.02	24.26	18.99	19.22	80.5	67.58	0	0	26.37	2.816	0.001	12.87
3/3/2014 0:00	40026	13.37	23.54	10.3	22.47	9.75	20.04	11.97	20.68	18.27	18.51	81	67.85	0	0	26.38	2.816	0	12.69
3/3/2014 1:00	40027	15.03	31.01	11.75	27.84	9.85	27.1	13.03	22.47	18.18	18.39	78.72	66.15	0	0	26.38	2.816	0	13.11
3/3/2014 2:00	40028	13.72	24.71	10.46	20.68	9.81	20.82	12.09	18.89	17.31	17.54	80.8	67.54	0	0	26.39	2.816	0	12.48
3/3/2014 3:00	40029	10.89	23.1	11.62	20.68	7.769	19.89	13.85	18.89	17.49	17.7	81.5	68.21	0	0	26.38	2.816	0	12.35
3/3/2014 4:00	40030	5.342	356.4	20.87	9.95	4.234	352.7	22.56	8.16	17.52	17.69	80.4	67.55	0	0	26.39	2.816	0	12.16
3/3/2014 5:00	40031	6.675	8.02	12.95	9.95	5.229	4.731	16.77	9.95	17.77	18.02	76.39	64.07	0	0	26.39	2.823	0.006	12.36
3/3/2014 6:00	40032	9.59	12.5	12.15	18.89	7.364	9.53	13.66	15.31	17.67	17.84	74.77	62.68	0	0	26.38	2.835	0.013	12.19
3/3/2014 7:00	40033	13.02	29.49	10.42	22.47	8.5	25.5	11.93	18.89	18.07	18.23	73.26	61.49	0	0	26.35	2.848	0.013	12.27
3/3/2014 8:00	40034	4.517	228.3	47.76	18.89	3.457	225.2	44.68	15.31	18.84	18.91	71.55	60.3	0	20.15	26.39	2.851	0.003	12.51
3/3/2014 9:00	40035	2.759	347.7	62.45	8.16	2.075	335.9	60.53	6.368	20.88	20.96	66.95	56.95	0	118.8	26.41	2.857	0.006	12.57
3/3/2014 10:00	40036	3.435	14.51	37.19	8.16	2.673	6.383	35.33	8.16	25.22	25.7	57.35	49.75	0	356.8	26.44	2.857	-0.001	12.67
3/3/2014 11:00	40037	3.127	57.37	43.8	8.16	2.342	49.05	44.74	6.368	29.86	30.38	47.48	42.05	0	452.1	26.48	2.856	-0.001	12.77
3/3/2014 12:00	40038	3.267	46.88	76.77	6.368	2.07	19.05	58.35	6.368	33.06	33.37	43	38.15	0	457.7	26.49	2.855	-0.001	12.75
3/3/2014 13:00	40039	2.575	19.11	46.78	8.16	1.756	20.99	38.2	8.16	37.69	37.07	38.21	35.66	0	546.5	26.48	2.842	-0.013	12.71

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/3/2014 14:00	40040	2.847	352.8	53.49	8.16	1.902	337.6	46.48	6.368	40.29	40.13	36.02	33.03	0	577.4	26.47	2.807	-0.035	12.86
3/3/2014 15:00	40041	3.232	77.18	63.55	9.95	2.034	72.83	49.15	8.16	41.75	42.29	34.98	31.14	0	451.8	26.44	2.803	-0.004	12.9
3/3/2014 16:00	40042	3.921	133.5	67.85	8.16	2.89	137.7	66.02	8.16	42.94	43.51	33.93	29.74	0	401.4	26.42	2.8	-0.003	12.92
3/3/2014 17:00	40043	4.875	104.9	48.32	9.95	3.544	103.7	51.05	8.16	42.83	43.58	34.26	29.84	0	257.8	26.4	2.797	-0.003	13.12
3/3/2014 18:00	40044	6.817	140.3	16.47	11.74	4.889	139.7	22.48	9.95	40.91	41.37	35.93	31.19	0	76.38	26.38	2.798	0	12.85
3/3/2014 19:00	40045	4.887	128.8	12.86	8.16	3.332	126.9	18	6.368	39.91	39.99	36.73	32.27	0	20.29	26.36	2.798	0	12.74
3/3/2014 20:00	40046	6.186	137.2	9.29	9.95	3.924	137.1	14.9	8.16	38.61	38.36	38.32	34.07	0	0.063	26.35	2.795	-0.002	12.72
3/3/2014 21:00	40047	8.15	145.6	12.36	11.74	5.05	144.9	17.46	9.95	36.58	36.2	39.89	35.39	0	0	26.33	2.795	0	12.76
3/3/2014 22:00	40048	5.5	144.6	12.42	9.95	2.841	140.1	18.31	8.16	34.87	34.13	42.28	37.63	0	0	26.33	2.795	0	12.64
3/3/2014 23:00	40049	5.775	142.5	9.81	9.95	3.115	139.9	15.61	6.368	33.68	33.04	44.63	39.57	0	0	26.31	2.795	0	12.61
3/4/2014 0:00	40050	5.453	156.3	10.83	9.95	2.737	154	15.03	6.368	32.73	32.11	46.68	40.99	0	0	26.28	2.795	0	12.5
3/4/2014 1:00	40051	3.957	158.6	8.88	6.368	0.6	162.7	7.052	2.789	31.92	31.06	48.86	43.12	0	0	26.27	2.796	0	12.6
3/4/2014 2:00	40052	3.117	256.8	36.23	6.368	1.07	318.1	5.818	4.578	31.47	29.94	49.66	44.71	0	0	26.26	2.793	-0.003	12.39
3/4/2014 3:00	40053	1.804	274.4	34.57	6.368	0.523	345	13.35	4.578	30.8	28.47	50.65	46.69	0	0	26.23	2.793	0	12.55
3/4/2014 4:00	40054	3.529	165	14.19	6.368	1.863	106.2	19.93	4.578	30.57	26.37	50.94	50.55	0	0	26.2	2.793	0	12.34
3/4/2014 5:00	40055	5.365	225.5	27.17	8.16	1.992	239.1	40.55	4.578	29.18	26.05	52.96	49.67	0	0	26.18	2.793	0	12.43
3/4/2014 6:00	40056	3.32	315.2	75.32	6.368	1.873	36.46	58.83	4.578	28.03	25.28	55.36	50.91	0	0	26.18	2.793	0	12.41
3/4/2014 7:00	40057	3.997	142.6	43.97	6.368	1.936	94.1	31.32	4.578	28.55	24.2	54.52	52.74	0	0	26.17	2.797	0.004	12.33
3/4/2014 8:00	40058	2.973	231.9	18.34	6.368	1.32	257.3	19.82	6.368	28.38	26.33	54.86	49.95	0	42.56	26.17	2.796	0	12.55
3/4/2014 9:00	40059	6.405	233.5	16.57	11.74	4.969	232.6	16.7	9.95	33.03	33.1	48.29	41.61	0	252.9	26.22	2.792	-0.004	12.71
3/4/2014 10:00	40060	9.17	212.3	12.71	13.52	6.9	211.7	15.42	11.74	38.37	39.4	40.96	35.11	0	478.9	26.29	2.791	-0.001	12.77
3/4/2014 11:00	40061	7.234	199.5	16.89	11.74	5.633	201.4	20.49	11.74	45.09	46.08	34.94	30.04	0	685.1	26.32	2.79	-0.001	13.05
3/4/2014 12:00	40062	9.79	202.9	15.81	17.1	7.465	204.3	18.61	13.52	50.24	51.7	31.52	26.7	0	834	26.35	2.79	0	13.01
3/4/2014 13:00	40063	9.87	210.2	13.77	17.1	7.458	211	16.88	15.31	54.36	55.86	28.95	24.41	0	910	26.35	2.79	0	12.91
3/4/2014 14:00	40064	9.95	211.5	16.65	17.1	7.501	211.9	19.26	15.31	58.93	60.44	26.01	21.88	0	896	26.33	2.789	0	13.14
3/4/2014 15:00	40065	9.95	204.6	13.25	17.1	7.577	205.9	15.88	13.52	61.91	63.41	24.87	21.06	0	727	26.3	2.789	0	13.19
3/4/2014 16:00	40066	10.15	194.2	13.07	17.1	7.351	195.6	16.59	13.52	63.08	64.21	24.32	20.96	0	415.2	26.27	2.789	0	13.08
3/4/2014 17:00	40067	11.34	187	13.27	17.1	7.788	188	17.44	13.52	62.77	63.69	25.13	21.95	0	301.1	26.23	2.79	0	13.09
3/4/2014 18:00	40068	10.12	182.1	9.92	15.31	6.67	182.5	14.95	11.74	62.03	62.32	26.46	23.74	0	148.2	26.22	2.787	-0.003	13.19
3/4/2014 19:00	40069	7.863	165.1	10.33	11.74	4.594	162.9	16.05	9.95	59.5	58.77	29.16	27.12	0	26	26.2	2.787	0	13.1
3/4/2014 20:00	40070	7.382	146.5	8.18	11.74	3.672	140.3	14.65	6.368	55.6	53.94	32.65	31.16	0	0.075	26.17	2.787	0	12.92
3/4/2014 21:00	40071	9.76	161.6	18.51	17.1	5.782	161.5	23.39	13.52	53.57	52.59	35.75	33.61	0	0.001	26.15	2.788	0.001	13.05
3/4/2014 22:00	40072	5.98	197.1	17.84	11.74	2.995	199.6	26.78	8.16	51.18	49.85	39.15	37.13	0	0.003	26.17	2.785	-0.003	12.98
3/4/2014 23:00	40073	4.875	191.9	16.53	8.16	1.621	192.1	19.53	4.578	49.4	47.53	42.25	40.17	0	0	26.15	2.785	0	12.88
3/5/2014 0:00	40074	4.605	179.6	11.46	9.95	0.972	183.1	9.94	6.368	48.43	47.11	44.57	41.83	0	0.001	26.14	2.785	0	12.84
3/5/2014 1:00	40075	6.971	195.1	12.63	11.74	4.287	196.7	16.26	8.16	48.76	47.74	43.08	40.32	0	0	26.12	2.785	0	12.86
3/5/2014 2:00	40076	5.277	224.5	25.62	11.74	2.71	218.4	24.12	8.16	47.26	46.24	45.31	42.02	0	0	26.1	2.785	0	12.83
3/5/2014 3:00	40077	3.723	252.3	13.98	6.368	1.611	286.3	18.36	4.578	44.98	42.54	48.73	46.48	0	0	26.09	2.785	0	12.89
3/5/2014 4:00	40078	5.385	233.5	8.33	8.16	2.356	243.3	15.23	4.578	44.53	42.03	49.89	47.47	0	0	26.08	2.785	0.001	12.74
3/5/2014 5:00	40079	4.956	267.6	21.61	8.16	2.344	288.3	26.37	4.578	42.46	40.06	53.41	50.23	0	0	26.08	2.786	0	12.74
3/5/2014 6:00	40080	6.447	298.9	8.49	9.95	2.854	292.4	15.45	6.368	41.84	39.19	55.06	52.08	0	0	26.08	2.786	0	12.58
3/5/2014 7:00	40081	4.478	311.8	42.28	11.74	1.325	311	36.48	8.16	43.23	40.79	52.91	50.88	0	0.001	26.09	2.783	-0.003	12.68
3/5/2014 8:00	40082	5.059	297.6	25.92	11.74	2.141	277.1	29.2	9.95	42.52	40.23	55.85	52.58	0	35.44	26.12	2.786	0.003	13.12
3/5/2014 9:00	40083	11.03	305.8	9.24	26.05	9.01	307	10.07	20.68	49.76	49.45	49.42	45.16	0	239.9	26.15	2.779	-0.007	12.92
3/5/2014 10:00	40084	21.77	345.9	13.39	33.21	16.82	343	14.33	29.63	53.46	53.97	51.78	46.93	0	465.1	26.24	2.771	-0.007	12.86

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/5/2014 11:00	40085	24.57	358.4	10.75	36.78	17.86	357.1	13.81	31.42	52.81	53.79	53.86	48.06	0	617.7	26.3	2.771	0	13.07
3/5/2014 12:00	40086	21.68	204.6	65.14	36.78	16.22	6.313	13.78	29.63	54.39	55.5	49.83	44.74	0	769.4	26.32	2.771	0	12.9
3/5/2014 13:00	40087	20.81	196.8	6.526	31.42	15.46	1.193	14.37	27.84	56.22	57.65	45.76	41.13	0	858	26.36	2.749	-0.022	12.95
3/5/2014 14:00	40088	19.35	204.9	6.449	33.21	14.17	15.14	14.28	27.84	58.16	59.36	42.91	39.33	0	878	26.37	2.749	0	13.14
3/5/2014 15:00	40089	17.79	206.2	4.645	29.63	12.51	18.83	15.15	26.05	60.09	61.31	41.24	38.15	0	820	26.37	2.72	-0.029	13.15
3/5/2014 16:00	40090	15.81	200.8	3.793	29.63	11.82	4.635	15.57	20.68	60.24	61.36	40.88	37.78	0	500.6	26.4	2.72	0	12.91
3/5/2014 17:00	40091	18.14	197.7	4.694	29.63	13.8	2.251	14.32	26.05	59.01	59.88	42.57	39.2	0	433	26.41	2.717	-0.002	12.96
3/5/2014 18:00	40092	17.48	201.3	3.262	29.63	13.05	11.46	13.89	24.26	56.37	56.88	46.4	42.51	0	252.8	26.41	2.717	0	13.03
3/5/2014 19:00	40093	16.91	208.3	3.166	26.05	12.51	17.49	11.39	22.47	53.44	53.5	50.83	46.38	0	54.47	26.42	2.717	0	12.82
3/5/2014 20:00	40094	13.93	209.6	0.561	24.26	9.43	22.7	11.57	18.89	49.88	49.7	56.62	51.17	0	0.142	26.42	2.715	-0.002	12.73
3/5/2014 21:00	40095	10.35	209.7	0.401	18.89	6.687	27.76	13.34	17.1	47.08	46.78	60.4	54.28	0	0	26.43	2.715	0	12.85
3/5/2014 22:00	40096	6.878	209.9	0.109	11.74	4.202	21.05	21.26	9.95	44.16	43.72	65.04	58.11	0	0	26.44	2.715	0	12.76
3/5/2014 23:00	40097	6.225	209.6	0	11.74	4.119	7.445	15.84	11.74	41.41	40.73	69.98	62.23	0	0	26.43	2.716	0.001	12.69
3/6/2014 0:00	40098	6.173	209.7	0	9.95	3.794	47.11	17.5	8.16	39.63	38.63	73.47	65.58	0	0	26.42	2.716	0	12.55
3/6/2014 1:00	40099	7.267	210.5	5.417	11.74	4.257	22.62	17.71	9.95	37.79	37.08	76.87	67.82	0	0	26.41	2.716	0	12.63
3/6/2014 2:00	40100	5.946	210.1	0	13.52	3.63	19.08	17.28	8.16	36.45	35.93	80.2	70.36	0	0	26.41	2.713	-0.003	12.58
3/6/2014 3:00	40101	6.359	210.1	0.157	9.95	3.554	26.07	16.35	8.16	35.29	34.5	83.1	72.83	0	0	26.4	2.713	0	12.57
3/6/2014 4:00	40102	5.738	210	0	9.95	3.822	358.1	31.62	8.16	34.72	33.73	85.4	74.53	0	0	26.39	2.713	0	12.54
3/6/2014 5:00	40103	4.752	210	0	9.95	2.941	331.4	43.61	8.16	31.27	29.83	89.5	77.98	0	0	26.38	2.714	0.001	12.31
3/6/2014 6:00	40104	4.753	209.5	0.319	9.95	2.907	275.7	24.22	6.368	29.42	27.72	89.9	78.28	0	0	26.36	2.714	0	12.58
3/6/2014 7:00	40105	4.013	209.1	0	6.368	1.858	296.1	48.79	4.578	30.12	27.77	91.1	79.1	0	0.032	26.36	2.714	0	12.54
3/6/2014 8:00	40106	4.425	209.5	0.363	6.368	2.01	316.6	18.54	4.578	31.41	30.11	89.2	78.52	0	49.4	26.35	2.714	0	12.74
3/6/2014 9:00	40107	3.614	209.9	0.087	6.368	2.665	275.8	14.87	6.368	39.09	39.55	78.52	68.01	0	262	26.38	2.713	-0.001	12.67
3/6/2014 10:00	40108	6.526	209.3	1.278	11.74	5.253	242.9	18.48	9.95	44.88	45.35	66.87	58.64	0	493.7	26.45	2.712	-0.001	12.82
3/6/2014 11:00	40109	9.3	204.7	5.027	13.52	7.115	222.8	15.21	11.74	51.19	52.05	53.66	47.63	0	685.2	26.5	2.651	-0.061	13
3/6/2014 12:00	40110	9.43	202.6	9.21	17.1	7.272	217	18.94	13.52	56.25	57.31	40.13	36.34	0	828	26.52	2.65	-0.001	12.99
3/6/2014 13:00	40111	11.24	213.4	14.4	18.89	8.43	205.9	18.33	15.31	60.39	62	28.73	25.19	0	854	26.5	2.479	-0.172	13.28
3/6/2014 14:00	40112	14.32	254	28.35	22.47	10.35	200.2	16.35	18.89	63.45	65.49	23.72	19.96	0	867	26.47	2.472	-0.006	12.87
3/6/2014 15:00	40113	14.35	257.9	21.33	22.47	10.37	203.4	14.81	18.89	64.46	66.34	23.92	20.25	0	755.5	26.43	2.441	-0.032	12.94
3/6/2014 16:00	40114	13.93	250.4	20.1	20.68	9.95	200.3	16.65	17.1	65.85	67.34	23.73	20.46	0	570.8	26.4	2.415	-0.025	12.97
3/6/2014 17:00	40115	14	255.7	20.37	22.47	9.76	200.2	15.17	17.1	66.08	66.97	23.82	21.08	0	309.4	26.36	2.396	-0.019	13.04
3/6/2014 18:00	40116	13.68	249.7	13.81	20.68	9.28	193.8	14.25	17.1	66.24	66.66	23.72	21.31	0	201.2	26.32	2.381	-0.016	12.99
3/6/2014 19:00	40117	11.18	243.7	8.52	18.89	7.034	181.9	13.91	15.31	63.47	62.97	26.66	24.76	0	40.88	26.3	2.346	-0.034	12.92
3/6/2014 20:00	40118	6.474	239.6	0.239	9.95	2.591	169.7	10.72	6.368	58.27	56.21	31.4	30.56	0	0.126	26.27	2.343	-0.003	12.88
3/6/2014 21:00	40119	5.08	239.6	0.22	8.16	0.659	153.3	5.784	4.578	55.61	52.87	33.6	33.37	0	0.006	26.25	2.344	0	12.92
3/6/2014 22:00	40120	3.595	239.6	0.29	6.368	0.001	286	0.001	2.789	53.32	51.19	36	35.35	0	0.001	26.22	2.344	0	12.93
3/6/2014 23:00	40121	6.083	239.6	0	13.52	2.862	187.9	18.31	9.95	54.05	52.3	33.77	32.79	0	0.001	26.2	2.331	-0.013	13.1
3/7/2014 0:00	40122	8.92	239.6	0.125	15.31	5.513	187.5	15.12	11.74	56.45	55.65	30.21	28.07	0	0.011	26.2	2.328	-0.004	12.96
3/7/2014 1:00	40123	8.52	239.2	0	13.52	5.276	201	12.12	9.95	54.7	53.73	32.49	30.37	0	0.009	26.19	2.328	0	13.03
3/7/2014 2:00	40124	7.451	222.7	17.09	9.95	4.286	202.3	11.03	6.368	52.44	51.39	35.21	33.12	0	0.003	26.18	2.328	0	12.87
3/7/2014 3:00	40125	6.056	208.7	0	9.95	3.173	199	10.9	6.368	51.25	49.98	37.09	35.2	0	0.002	26.16	2.328	0	12.91
3/7/2014 4:00	40126	6.327	208.7	0	9.95	3.405	200.8	11.91	6.368	50.37	49.06	38.48	36.63	0	0.001	26.13	2.315	-0.013	12.84
3/7/2014 5:00	40127	6.582	208.6	0	9.95	3.675	202.8	10.52	6.368	49.81	48.65	39.85	37.68	0	0	26.12	2.315	0	12.86
3/7/2014 6:00	40128	5.323	208.6	0	9.95	2.215	218.8	15.82	6.368	48.09	46.52	42.96	40.62	0	0	26.11	2.315	0	12.77
3/7/2014 7:00	40129	4.392	208.6	0	8.16	1.644	296.8	12.7	6.368	46.66	43.24	45.48	44.39	0	0.024	26.1	2.315	0	12.62

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/7/2014 8:00	40130	5.706	208.6	0	8.16	1.861	241	24.33	4.578	45.71	41.94	48.43	47.3	0	33.88	26.09	2.316	0.001	12.88
3/7/2014 9:00	40131	5.913	208.6	0	9.95	4.287	226.4	14.01	8.16	48.67	48.41	46.26	41.74	0	221.9	26.12	2.303	-0.013	12.99
3/7/2014 10:00	40132	9.07	209.3	0.171	13.52	6.385	220.8	15.08	11.74	55.55	56.23	37.47	33.97	0	453.3	26.18	2.296	-0.007	13.04
3/7/2014 11:00	40133	9.96	210.9	0.501	15.31	7.073	227.5	16.58	11.74	62.22	63.03	29.29	26.38	0	652.7	26.22	2.295	-0.001	13.05
3/7/2014 12:00	40134	11.6	183.1	17.88	18.89	9.04	245.4	16.31	18.89	70.63	71.16	19.67	17.62	0	824	26.24	2.295	0	13.03
3/7/2014 13:00	40135	13.33	165.7	12.19	26.05	10.36	252.4	21.74	20.68	75.63	76.56	15.23	13.25	0	898	26.24	2.244	-0.051	13.05
3/7/2014 14:00	40136	16.47	157.5	12.11	27.84	12.68	255.7	21.05	24.26	77.74	78.96	13.81	11.69	0	899	26.22	2.215	-0.029	13.24
3/7/2014 15:00	40137	15.93	161.1	10.98	27.84	12.4	262.6	19.6	24.26	78.83	80.1	13.28	11.07	0	832	26.19	2.212	-0.003	13.14
3/7/2014 16:00	40138	15.82	157.9	11.04	31.42	12.1	255.5	18.84	22.47	79.38	80.3	13.42	11.3	0	692.8	26.17	2.155	-0.057	13.14
3/7/2014 17:00	40139	14.8	158	5.467	26.05	11.41	251.4	15.79	20.68	79.13	79.87	12.8	10.6	0	515	26.16	2.155	0	13.44
3/7/2014 18:00	40140	13.77	158.1	4.702	22.47	10.24	248.4	16.12	18.89	79.01	79.14	11.46	9.4	0	283.8	26.14	2.13	-0.025	13.24
3/7/2014 19:00	40141	12.2	167.3	7.841	22.47	8.99	265.1	13.31	18.89	75.76	75.08	12.96	11.33	0	65.47	26.13	2.114	-0.016	13.34
3/7/2014 20:00	40142	7.848	174.3	0	13.52	4.765	263.9	14.33	9.95	69.85	67.51	16.99	16.04	0	0.331	26.12	2.112	-0.003	13.19
3/7/2014 21:00	40143	6.401	174.3	0	9.95	3.067	241	13.04	8.16	64.12	61.85	20.76	19.37	0	0.027	26.11	2.102	-0.009	13.23
3/7/2014 22:00	40144	5.832	174.3	0	9.95	1.903	215.4	16.44	4.578	60.86	57.23	23.8	23.27	0	0.003	26.1	2.099	-0.003	12.99
3/7/2014 23:00	40145	9.27	174.4	1.463	24.26	6.226	293	31.61	22.47	59.32	57.32	25.47	23.89	0	0	26.1	2.099	0	12.92
3/8/2014 0:00	40146	13.66	177.8	2.635	27.84	10.63	336.7	12.2	20.68	60.05	59.11	30.39	28.38	0	0.002	26.12	2.099	0	13.17
3/8/2014 1:00	40147	20.03	206.4	7.954	40.36	14.06	16.27	13.71	31.42	58.12	57.83	35.25	32.84	0	0.003	26.13	2.099	0	12.91
3/8/2014 2:00	40148	21.6	209	1.406	33.21	13.23	27.87	11.19	27.84	53.14	52.95	45.88	42.14	0	0	26.15	2.077	-0.022	12.76
3/8/2014 3:00	40149	20.24	203	8.31	33.21	14.24	19.52	12.92	27.84	48.79	48.71	57.62	51.78	0	0	26.17	2.074	-0.003	12.87
3/8/2014 4:00	40150	18.45	205.3	0.562	31.42	12.2	23.66	12.06	24.26	45.26	45.22	66.83	59.57	0	0	26.19	2.074	0	12.73
3/8/2014 5:00	40151	17.92	204.9	0.495	27.84	11.96	23.81	11.85	26.05	42.12	42.11	72.42	64.03	0	0	26.2	2.055	-0.019	12.75
3/8/2014 6:00	40152	19.48	203	0.856	29.63	14.79	15.32	11.3	26.05	39.95	39.95	74.59	65.68	0	0	26.23	2.053	-0.003	12.67
3/8/2014 7:00	40153	20.57	202.3	0.588	31.42	15.2	16.29	11.52	27.84	38.78	38.8	74.66	65.59	0	0.014	26.26	2.053	0	12.42
3/8/2014 8:00	40154	19.49	201.6	1.3	33.21	14.65	12	12.17	27.84	38.55	38.58	72.77	63.94	0	41.46	26.3	2.053	0	12.89
3/8/2014 9:00	40155	25.73	201.9	0.973	38.57	19.5	16.09	10.81	36.78	38.81	38.97	68.98	60.59	0	185.2	26.33	2.053	0	12.7
3/8/2014 10:00	40156	23.2	201.3	3.868	34.99	17.5	15.34	11.52	29.63	41.31	41.8	64.91	56.94	0	461.8	26.38	2.052	-0.001	12.92
3/8/2014 11:00	40157	20.91	201.1	2.632	34.99	14.87	19.27	12.6	31.42	43.42	44.08	61.03	53.63	0	533.4	26.43	2.055	0.003	12.83
3/8/2014 12:00	40158	18.75	217.4	10.51	29.63	13.64	15.11	14.42	26.05	45.96	46.94	55.84	49.14	0	675.5	26.46	2.055	0	12.92
3/8/2014 13:00	40159	16.89	226.2	1.847	27.84	11.71	21.57	13.69	26.05	48.04	49.04	51.07	45.35	0	711.9	26.48	2.02	-0.035	12.98
3/8/2014 14:00	40160	15.54	226.7	1.165	26.05	10.95	18.19	17.04	26.05	50.66	51.94	46.42	41.49	0	886	26.5	2.017	-0.003	13.31
3/8/2014 15:00	40161	15.58	226.1	1.519	26.05	10.99	21.51	17.17	22.47	52.42	53.79	44.3	39.71	0	858	26.5	1.966	-0.051	13.14
3/8/2014 16:00	40162	15.83	225.5	1.627	27.84	10.87	23.87	15.43	26.05	53.38	54.4	42.54	38.52	0	549.6	26.5	1.966	0	13.01
3/8/2014 17:00	40163	15.71	226.1	1.459	26.05	10.48	24.45	15.27	22.47	54.55	55.47	39.78	36.37	0	495.3	26.49	1.966	0	13.09
3/8/2014 18:00	40164	16.27	227.2	0.897	27.84	10.91	24.71	12.97	24.26	54.18	54.61	39.35	36.29	0	222.3	26.49	1.918	-0.048	13.14
3/8/2014 19:00	40165	15.71	227.2	0.728	26.05	10.47	24.69	11.78	22.47	52.12	52.14	41.66	38.3	0	45.21	26.5	1.918	0	13.07
3/8/2014 20:00	40166	12.7	227.8	0.148	20.68	8.99	20.49	11.26	20.68	49.49	49.3	45.31	41.22	0	0.179	26.5	1.919	0	12.89
3/8/2014 21:00	40167	10.13	184.9	35.48	15.31	6.764	22.98	11.11	13.52	46.68	46.42	49.67	44.68	0	0	26.51	1.916	-0.003	12.71
3/8/2014 22:00	40168	10.92	159	0.426	17.1	6.882	25.85	10.97	13.52	44.19	43.93	54.15	48.28	0	0	26.51	1.916	0	12.84
3/8/2014 23:00	40169	9.76	161.3	0.517	17.1	5.581	38.16	13.24	13.52	42.69	42.29	57.46	51.2	0	0	26.51	1.916	0	12.64
3/9/2014 0:00	40170	8.95	161.7	0	13.52	5.423	32.81	13.2	9.95	40.77	40.56	61.52	54.32	0	0	26.51	1.916	0	12.74
3/9/2014 1:00	40171	6.6	161.8	0	15.31	4.884	17.42	11.37	9.95	38.47	38.32	65.63	57.45	0	0	26.5	1.901	-0.016	12.78
3/9/2014 2:00	40172	5.269	161.7	0	9.95	3.528	356.1	15.15	6.368	37.24	36.75	67.5	59.41	0	0	26.5	1.901	0	12.8
3/9/2014 3:00	40173	6.007	161.7	0	9.95	3.847	353.6	10.41	8.16	36.26	35.5	67.22	59.67	0	0	26.49	1.897	-0.003	12.7
3/9/2014 4:00	40174	6.768	161.7	0	9.95	4.785	355.4	10.94	8.16	36.34	36.08	66.54	58.42	0	0	26.48	1.901	0.003	12.71

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/9/2014 5:00	40175	7.101	161.7	0	11.74	5.046	347.8	11.66	8.16	36.25	36.07	66.12	57.91	0	0	26.48	1.901	0	12.67
3/9/2014 6:00	40176	5.719	161.7	0	9.95	3.904	315.5	17.42	8.16	35.43	35.21	67.54	59.11	0	0	26.5	1.897	-0.003	12.46
3/9/2014 7:00	40177	3.622	161.7	0	11.74	2.346	321.9	14.47	9.95	34.54	34.34	68.17	59.6	0	0.048	26.51	1.897	0	12.6
3/9/2014 8:00	40178	6.802	161.7	0	11.74	5.318	337.5	10.67	9.95	35.91	35.83	64.13	56.21	0	34.22	26.51	1.897	0	12.76
3/9/2014 9:00	40179	6.54	161.7	0	9.95	5.205	343	11.71	8.16	38.92	38.96	58.09	51.27	0	108.2	26.52	1.901	0.003	12.87
3/9/2014 10:00	40180	9.36	161.8	0.048	13.52	7.588	347.2	14.41	13.52	46.27	46.99	44.98	40.53	0	493.1	26.56	1.9	-0.001	13.01
3/9/2014 11:00	40181	9.09	161.8	0.212	15.31	7.239	358.6	20.18	13.52	50.85	52.13	35.4	31.91	0	770.6	26.62	1.899	-0.001	13.12
3/9/2014 12:00	40182	7.923	164.3	1.542	18.89	5.777	23.2	28.84	13.52	54.34	55.81	29.87	26.65	0	855	26.65	1.899	0	13.25
3/9/2014 13:00	40183	5.814	165.3	0.516	13.52	4.482	56.71	50.02	11.74	57.89	59.11	25.5	22.56	0	727.5	26.65	1.899	0	13.08
3/9/2014 14:00	40184	4.732	165.3	0.41	11.74	3.755	355.8	80.8	9.95	61.06	61.8	22.16	19.41	0	912	26.63	1.861	-0.038	13.08
3/9/2014 15:00	40185	4.706	165.4	0	9.95	4.08	322.2	54.19	9.95	62.22	62.79	21.33	18.55	0	856	26.61	1.861	0	13.3
3/9/2014 16:00	40186	4.288	166	0.466	9.95	3.493	42.57	50.55	8.16	64.35	64.29	19.36	17.38	0	720.1	26.59	1.861	0	13.26
3/9/2014 17:00	40187	4.957	166.1	0.467	11.74	4.141	316	56.53	11.74	63.31	63.7	20.65	17.65	0	531.4	26.56	1.832	-0.029	13.27
3/9/2014 18:00	40188	4.493	166	0.289	9.95	3.422	233.6	60.42	8.16	63.31	63.75	20.52	17.37	0	307.8	26.54	1.832	0	13.25
3/9/2014 19:00	40189	4.463	166	0	8.16	3.054	245	18.64	8.16	60.7	60.37	22.14	19.16	0	79.19	26.51	1.81	-0.022	13.12
3/9/2014 20:00	40190	2.59	166	0.344	4.578	0.808	82.1	26.84	4.578	56.66	53.15	25.27	24.57	0	0.379	26.47	1.811	0	13.21
3/9/2014 21:00	40191	3.878	166	0	6.368	2.285	96.1	19.93	6.368	53.1	49.05	28.82	29.69	0	0	26.44	1.808	-0.003	12.84
3/9/2014 22:00	40192	5.944	166	0.274	9.95	1.948	145.2	22.26	4.578	50.1	46.15	31.33	30.81	0	0	26.42	1.808	0	12.83
3/9/2014 23:00	40193	3.245	166	0.373	6.368	1.482	312.7	35.41	6.368	47.54	44.18	33.89	33.2	0	0	26.41	1.792	-0.016	12.86
3/10/2014 1:00	40194	1.123	166	0	11.74	1.087	98.5	31.63	8.16	45.17	41.3	36.92	37.47	0	0	26.39	1.793	0	12.83
3/10/2014 2:00	40195	2.967	166	0	8.16	1.195	98.7	15.42	4.578	45.28	40.53	36.85	38.61	0	0	26.38	1.793	0	12.81
3/10/2014 3:00	40196	3.511	166	0	6.368	0.134	156.9	2.095	2.789	43.14	38.92	39.51	40.43	0	0	26.36	1.793	0	12.76
3/10/2014 4:00	40197	1.356	166	0	4.578	0.001	316.1	0	2.789	40.61	38.02	43.57	41.27	0	0	26.34	1.793	0	12.71
3/10/2014 5:00	40198	4.069	166	0	6.368	0.115	297	2.621	2.789	39.96	36.26	45.04	43.5	0	0	26.31	1.793	0	12.84
3/10/2014 6:00	40199	3.993	166	0	6.368	0	0	0	0	40.26	36.01	46.98	45.27	0	0	26.28	1.793	0	12.61
3/10/2014 7:00	40200	5.337	166	0	8.16	1.389	191.1	20.14	4.578	42.17	36.27	46.94	46.44	0	0	26.28	1.793	0	12.53
3/10/2014 8:00	40201	3.495	166	0	6.368	0.606	295.3	30.45	4.578	41.22	36.89	49.85	48.58	0	0.121	26.27	1.793	0	12.63
3/10/2014 9:00	40202	4.407	166	0	6.368	1.281	286.9	11.07	4.578	42.7	39.57	48.65	46.56	0	60.04	26.27	1.793	0	12.81
3/10/2014 10:00	40203	5.459	166.1	0.359	9.95	4.37	266.5	22.51	9.95	49.77	49.87	40.01	36.14	0	281.5	26.32	1.77	-0.023	13.04
3/10/2014 11:00	40204	9.44	166	0.3	15.31	7.102	231.5	17.64	11.74	57.15	57.54	32	28.9	0	508.1	26.39	1.772	0.003	13.05
3/10/2014 12:00	40205	9.92	166	0.28	17.1	7.151	222.6	17.78	13.52	61.7	62.67	27.06	23.8	0	709	26.43	1.772	-0.001	13.01
3/10/2014 13:00	40206	10.32	165.8	0.279	20.68	7.667	213.5	19.54	15.31	64.94	66.24	23.73	20.43	0	856	26.44	1.772	0	12.98
3/10/2014 14:00	40207	10.96	165.9	0.44	20.68	8.02	215.9	20.66	17.1	67.9	69.32	20.54	17.37	0	933	26.42	1.772	0	12.96
3/10/2014 15:00	40208	11.33	165.9	0	18.89	8.4	216.1	22.97	17.1	70.18	71.76	19.9	16.86	0	937	26.38	1.772	0	13.02
3/10/2014 16:00	40209	13.08	165.8	0	22.47	9.56	208.2	20.51	18.89	71.64	73.36	20.3	17.4	0	864	26.35	1.705	-0.067	13.04
3/10/2014 17:00	40210	14.31	165.4	0.503	22.47	10.24	206.7	17.12	18.89	72.07	73.75	20.89	18.06	0	725	26.32	1.702	-0.003	13.12
3/10/2014 18:00	40211	13.41	164.4	0.42	22.47	9.64	226.6	20.91	20.68	72.98	74.06	20.45	18.1	0	533.8	26.29	1.664	-0.038	13.37
3/10/2014 19:00	40212	12.5	163.3	0.198	22.47	8.63	220.1	16.95	17.1	73.13	73.75	19.59	17.53	0	310.6	26.27	1.664	0	13.26
3/10/2014 20:00	40213	8.78	163	0	17.1	5.571	219.6	14.24	11.74	71.17	70.71	20.48	19	0	81.2	26.25	1.629	-0.035	13.07
3/10/2014 21:00	40214	5.094	163.1	0	8.16	1.566	166.3	13.48	4.578	64.35	60.6	25.02	25.97	0	0.455	26.21	1.63	0.001	13.04
3/10/2014 22:00	40215	6.887	163	0.273	11.74	2.104	133.2	11.59	6.368	60.83	56.37	28.66	29.97	0	0.002	26.18	1.63	0	12.91
3/10/2014 23:00	40216	8.62	163	0.36	13.52	3.833	152.4	20.63	6.368	56.49	52.37	34.23	35.21	0	0	26.15	1.63	0	13.01
3/11/2014 0:00	40217	6.083	163	0.529	9.95	2.013	172.9	32.07	4.578	52.9	48.88	33.19	35.32	0	0	26.12	1.611	-0.019	12.92
3/11/2014 1:00	40218	6.144	163	0.535	9.95	2.847	134.7	20.89	6.368	49.62	46.12	33.59	33.86	0	0	26.09	1.608	-0.003	12.7
3/11/2014 2:00	40219	4.209	163	0	8.16	0.904	225.3	51.69	4.578	46.72	44.08	37.52	36.65	0	0	26.06	1.608	0	12.72

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/11/2014 3:00	40220	4.7	163.1	0.394	8.16	2.516	304.1	8.63	4.578	47.01	43.09	35.54	35.76	0	0	26.03	1.609	0	12.87
3/11/2014 4:00	40221	3.724	163.1	0	9.95	1.939	176.4	43.61	6.368	45.61	40.1	37.63	38.69	0	0	26.01	1.609	0	12.78
3/11/2014 5:00	40222	4.361	163	0.274	8.16	0.636	200.8	12.87	4.578	42.51	37.41	42.73	43.14	0	0	25.97	1.609	0	12.87
3/11/2014 6:00	40223	3.838	163	0.266	6.368	0.174	326.7	1.848	4.578	41.09	37.19	46.42	45.08	0	0	25.95	1.609	0	12.61
3/11/2014 7:00	40224	4.733	163	0.273	8.16	2.828	300.1	20.64	6.368	40.42	37.63	47.69	45.34	0	0	25.94	1.609	0	12.57
3/11/2014 8:00	40225	7.554	163	0.271	11.74	3.012	298.9	19.73	6.368	45.77	39.17	38.09	42.12	0	0.187	25.95	1.609	0	12.72
3/11/2014 9:00	40226	7.907	163	0.095	11.74	4.261	292.7	11.69	9.95	50.55	46.47	31.96	32.93	0	71.05	25.97	3.648	2.04	12.84
3/11/2014 10:00	40227	11.39	163.6	0.932	26.05	8.94	287.2	17.98	20.68	59.2	58.76	25.54	23.15	0	300.7	26.03	4.151	0.503	12.7
3/11/2014 11:00	40228	18.73	167.4	0.761	27.84	15.27	289.2	12.86	24.26	66.02	66.16	19.64	17.14	0	527.9	26.12	4.153	0.002	12.69
3/11/2014 12:00	40229	19.68	168.2	1.741	29.63	16.14	292.9	13.5	24.26	69.22	69.8	16.9	14.31	0	732.3	26.17	4.152	-0.001	12.69
3/11/2014 13:00	40230	17.72	171.9	0.106	26.05	14.73	301.2	13.94	24.26	71.95	72.71	14.09	11.54	0	876	26.19	4.152	0	12.63
3/11/2014 14:00	40231	17.15	172	0.336	29.63	14.1	304.1	17.33	26.05	74.84	75.81	9.93	7.264	0	948	26.2	4.149	-0.004	12.63
3/11/2014 15:00	40232	18.96	174.2	1.125	33.21	15.61	311	14.41	27.84	77.22	78.25	7.082	4.134	0	936	26.18	4.148	0	12.76
3/11/2014 16:00	40233	17.72	171.2	2.442	33.21	14.77	307.2	15.06	27.84	78.88	79.79	6.326	3.318	0	860	26.18	4.148	0	13.05
3/11/2014 17:00	40234	16.93	176.5	1.877	29.63	14.03	317.2	14.92	24.26	79.08	79.97	6.119	3.027	0	715.3	26.18	4.148	0	12.9
3/11/2014 18:00	40235	16.91	175.4	0.751	29.63	13.82	314.5	13.34	27.84	79.51	80.1	4.403	1.86	0	535.6	26.17	4.149	0	13.22
3/11/2014 19:00	40236	19.19	177.2	0.739	29.63	15.43	317.9	10.51	26.05	78.61	78.75	3.378	1.816	0	315.4	26.17	4.149	0	13.26
3/11/2014 20:00	40237	15.15	176.9	0.32	24.26	12.05	322.3	9.1	20.68	75.96	75.35	4.744	1.906	0	82.6	26.18	4.149	0	13.07
3/11/2014 21:00	40238	11.4	177.2	0.192	17.1	8.31	337.9	9.42	13.52	70.34	68.74	7.326	4.026	0	0.49	26.18	4.144	-0.005	13.01
3/11/2014 22:00	40239	12.99	178	1.472	34.99	9.02	350.9	12.42	29.63	66.24	64.97	9.93	6.229	0	0.022	26.19	4.122	-0.022	13.14
3/11/2014 23:00	40240	31.89	211.8	11.44	51.1	21.46	19.78	12.88	47.52	59.07	58.98	32.54	29.74	0	0.004	26.25	4.1	-0.022	12.85
3/12/2014 0:00	40241	29.46	222.9	3.913	47.52	17.91	27.76	12.17	42.15	51.67	51.69	45.44	41.45	0	0	26.29	4.091	-0.009	12.79
3/12/2014 1:00	40242	30.17	221.5	4.107	52.89	18.5	27.17	11.49	42.15	46.09	46.15	54.78	48.97	0	0	26.31	4.082	-0.009	12.73
3/12/2014 2:00	40243	26.45	220.6	3.434	43.94	17.51	22.69	11.56	36.78	43.23	43.29	56.89	50.4	0	0	26.35	4.076	-0.006	12.72
3/12/2014 3:00	40244	25.19	220.6	3.248	43.94	17.8	19.36	11.4	40.36	41.55	41.59	59.51	52.5	0	0	26.38	4.073	-0.002	12.64
3/12/2014 4:00	40245	23.29	218.8	5.327	38.57	17.09	16.72	11.3	36.78	39.76	39.78	60.15	52.83	0	0	26.4	4.071	-0.003	12.53
3/12/2014 5:00	40246	18.09	222.3	1.691	34.99	13.41	17.34	11.15	31.42	38.12	38.1	63.16	55.23	0	0	26.42	4.068	-0.003	12.55
3/12/2014 6:00	40247	15.49	223	0.427	27.84	11.29	18.33	11.22	26.05	37.21	37.15	62.38	54.51	0	0	26.43	4.064	-0.003	12.5
3/12/2014 7:00	40248	10.19	221.7	0.178	18.89	7.644	359.9	13.29	18.89	35.85	35.75	65.74	57.11	0	0	26.45	4.061	-0.003	12.63
3/12/2014 8:00	40249	8.13	221.6	0.106	11.74	5.759	348.2	10.63	11.74	34.28	34.04	70.83	61.45	0	0.184	26.49	4.058	-0.003	12.67
3/12/2014 9:00	40250	7.864	221.6	0.271	15.31	6.096	342.2	11.89	13.52	34.23	34.21	71.26	61.69	0	59.17	26.51	4.055	-0.003	12.66
3/12/2014 10:00	40251	13.18	222.2	0.642	20.68	9.66	2.809	15.25	18.89	37.58	38.17	63.57	55.08	0	276.7	26.56	4.055	0	12.66
3/12/2014 11:00	40252	14.37	222.2	0.461	22.47	9.97	20.17	14.87	20.68	39.76	40.67	57.75	50.12	0	506.9	26.61	4.05	-0.004	12.54
3/12/2014 12:00	40253	13.62	223.7	0.33	22.47	8.92	30.03	17.79	20.68	42.71	44.08	47.15	41.18	0	714.8	26.66	4.047	-0.003	12.74
3/12/2014 13:00	40254	11.3	223.7	0.311	20.68	7.666	27.33	18.44	18.89	45.76	47.18	39.28	34.9	0	863	26.68	4.043	-0.004	12.7
3/12/2014 14:00	40255	10.2	223.6	0	18.89	7.218	38.43	28.76	15.31	48.32	50.33	34.6	30.11	0	941	26.69	7.962	3.919	12.79
3/12/2014 15:00	40256	9.88	226.9	5.852	33.21	6.857	48.64	28.66	36.78	50.66	52.98	30.47	25.96	0	946	26.67	7.974	0.013	12.88
3/12/2014 16:00	40257	8.01	236.2	0.804	17.1	5.995	21.36	38.18	13.52	52.47	54.1	27.18	23.08	0	877	26.65	7.977	0.003	13.03
3/12/2014 17:00	40258	7.659	235.1	0.244	20.68	5.75	28.38	45.13	17.1	54.25	55.47	25.09	21.14	0	739.4	26.63	7.977	0	13.12
3/12/2014 18:00	40259	6.632	235.2	0	13.52	4.773	47.03	36.25	11.74	55.03	56.4	24.6	20.59	0	546.2	26.6	7.974	-0.002	13.21
3/12/2014 19:00	40260	5.749	235.1	0	13.52	4.185	12.32	31.56	11.74	55.05	55.91	25.06	21.25	0	317.4	26.58	7.974	0	13.26
3/12/2014 20:00	40261	5.25	235.1	0	9.95	3.313	37.48	21.49	8.16	53.53	53.67	26.24	22.68	0	84.6	26.56	7.974	0	13.16
3/12/2014 21:00	40262	3.83	235.1	0.106	6.368	2.022	65.39	9.39	4.578	49.98	47.95	29.53	27.3	0	0.471	26.53	7.974	-0.001	12.78
3/12/2014 22:00	40263	3.685	235	0.347	4.578	0	0	0	0	47.68	44.56	31.46	30.11	0	0	26.51	7.974	0	12.83
3/12/2014 23:00	40264	3.908	235.1	0	6.368	2.208	64.53	13	4.578	46.59	42.65	32.77	32.3	0	0	26.5	7.976	0.002	12.75

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/13/2014 0:00	40265	3.184	235.1	0.257	6.368	0.762	64.23	3.018	2.789	44.75	41.2	34.7	33.37	0	0	26.49	7.977	0	12.48
3/13/2014 1:00	40266	0.346	235.1	0.036	2.789	0	0	0	0	40.63	38.14	39.51	36.91	0	0	26.47	7.977	0	12.65
3/13/2014 2:00	40267	2.122	235	0	4.578	0.218	323.5	7.814	2.789	40.39	36.25	39.77	39	0	0	26.45	7.973	-0.003	12.35
3/13/2014 3:00	40268	2.755	235	0.297	4.578	0.384	70.14	5.38	2.789	41.1	34.99	39.9	40.88	0	0	26.43	7.973	0	12.56
3/13/2014 4:00	40269	2.301	235	0	4.578	0.189	82.9	4.357	2.789	39.82	33.4	41.02	41.49	0	0	26.41	7.976	0.002	12.56
3/13/2014 5:00	40270	1.831	235.1	0.236	4.578	0.327	83.4	10.02	2.789	38.43	32.48	43.5	42.36	0	0	26.39	7.976	0	12.6
3/13/2014 6:00	40271	2.604	235.1	0.2	4.578	0.18	58.26	2.039	2.789	38.83	32.86	42.69	42.59	0	0	26.38	7.976	0	12.28
3/13/2014 7:00	40272	1.944	235.1	0.321	4.578	0.316	66.08	3.295	2.789	39.56	32.66	40.92	42.55	0	0	26.38	7.976	0	12.47
3/13/2014 8:00	40273	0.721	235.1	0.128	2.789	1.33	70.33	6.762	4.578	37.88	32.46	44.36	44.49	0	0.245	26.38	7.976	0	12.46
3/13/2014 9:00	40274	0.268	235.1	0	2.789	0	0	0	0	39.49	34.69	41.52	41.36	0	60.89	26.39	7.975	-0.001	12.8
3/13/2014 10:00	40275	5.14	235.1	0.15	13.52	3.529	195.1	13.57	9.95	46.53	46.38	34.35	30.38	0	292	26.44	7.975	-0.001	12.71
3/13/2014 11:00	40276	12.31	236.4	1.585	20.68	8.6	190.4	15.85	15.31	50.14	51.35	32.1	27.3	0	519.8	26.51	7.975	0	12.77
3/13/2014 12:00	40277	15.93	255.9	6.356	22.47	10.68	184.1	16.31	18.89	52.54	54.45	29.89	24.77	0	725.7	26.54	7.978	0.003	13.02
3/13/2014 13:00	40278	16.11	261.6	1.804	29.63	10.99	183.8	18.01	24.26	54.95	57.07	27.08	22.01	0	868	26.54	7.977	0	13.05
3/13/2014 14:00	40279	16.63	260.7	1.51	24.26	11.38	178.1	19.85	20.68	57.35	59.55	23.64	18.72	0	944	26.51	7.976	-0.002	12.95
3/13/2014 15:00	40280	15.15	260.9	1.454	26.05	10.35	179.2	19.78	20.68	60.1	62.44	21.56	16.8	0	944	26.48	7.969	-0.007	12.84
3/13/2014 16:00	40281	14.59	261.1	0.827	24.26	10.4	194.4	17.26	18.89	61.8	63.95	22.02	17.45	0	853	26.44	7.965	-0.003	13.13
3/13/2014 17:00	40282	14.44	261.9	1.226	26.05	10.2	186.2	19.94	20.68	63.12	65	22.22	17.97	0	730	26.41	7.962	-0.003	13.06
3/13/2014 18:00	40283	15.41	261.5	1.233	27.84	10.36	178.8	18.93	20.68	63.85	65.55	21.87	17.8	0	537.1	26.37	7.956	-0.006	13.12
3/13/2014 19:00	40284	16.55	257.6	0.937	26.05	10.77	171.7	15.59	18.89	63.62	64.65	22.02	18.38	0	309.8	26.33	7.95	-0.006	12.98
3/13/2014 20:00	40285	15.02	257.4	0.898	22.47	9.52	167.5	14.64	17.1	61.33	61.2	24	21.02	0	67.91	26.3	7.943	-0.008	13.1
3/13/2014 21:00	40286	11.2	255.9	0.11	18.89	6.678	158.9	13.93	13.52	57.42	56.54	27.04	24.4	0	0.485	26.27	7.933	-0.009	12.83
3/13/2014 22:00	40287	9.61	255.9	0	13.52	5.459	152.4	13.05	9.95	53.7	52.44	30.17	27.62	0	0.003	26.25	7.932	-0.002	12.96
3/13/2014 23:00	40288	9.35	255.8	0.414	13.52	5.307	159.3	12.48	9.95	51.3	49.93	32.33	29.8	0	0.001	26.24	7.929	-0.002	13.04
3/14/2014 0:00	40289	9.94	255.9	0.447	17.1	5.852	164.2	14.81	13.52	50.14	48.89	33.47	30.79	0	0	26.24	7.926	-0.003	12.84
3/14/2014 1:00	40290	12.2	255.9	0.399	20.68	7.448	177.7	13.32	13.52	49.26	48.34	34.94	31.89	0	0	26.22	7.923	-0.003	12.96
3/14/2014 2:00	40291	10.11	256	0.566	18.89	6.301	187.9	14.53	13.52	47.84	47.04	37.33	34.12	0	0.001	26.2	7.923	0	12.86
3/14/2014 3:00	40292	8.13	255.9	0.559	11.74	4.954	193.3	12.91	8.16	46.3	45.25	40.11	36.91	0	0	26.19	7.92	-0.003	12.78
3/14/2014 4:00	40293	7.106	255.9	0.441	11.74	3.962	202.9	11.14	8.16	44.81	43.4	42.95	39.7	0	0	26.17	7.917	-0.003	12.81
3/14/2014 5:00	40294	5.731	255.9	0.352	9.95	2.18	222.1	16.43	6.368	43.94	41.87	44.42	41.75	0	0	26.16	7.919	0.002	12.74
3/14/2014 6:00	40295	5.24	255.9	0	8.16	2.116	242	22.93	4.578	43.36	40.81	45.28	43.09	0	0	26.15	7.916	-0.002	12.76
3/14/2014 7:00	40296	5.865	255.9	0	8.16	2.529	261.1	13.69	4.578	42.74	40.04	46.56	44.37	0	0	26.15	7.913	-0.003	12.66
3/14/2014 8:00	40297	4.185	255.9	0	6.368	2.364	303.7	7.544	4.578	42	39.11	48.1	45.84	0	0.443	26.15	7.913	0	12.69
3/14/2014 9:00	40298	3.352	255.9	0	6.368	1.838	307.3	14.06	4.578	43.29	41.53	46.44	43.56	0	76.48	26.16	7.913	0	12.69
3/14/2014 10:00	40299	4.395	255.9	0	8.16	3.376	249.1	24.15	6.368	49.56	49.82	38.64	34.52	0	286.1	26.22	7.911	-0.002	12.8
3/14/2014 11:00	40300	5.594	255.8	0.187	9.95	4.504	249.5	26.94	8.16	55.39	55.77	32.78	29.17	0	500.9	26.31	7.908	-0.003	12.94
3/14/2014 12:00	40301	7.076	255.7	0.214	11.74	5.98	313	18.75	9.95	61.73	62.08	27.26	24.64	0	577.2	26.36	7.905	-0.002	13.03
3/14/2014 13:00	40302	5.351	255.3	0	11.74	4.329	307.9	43.34	9.95	69.78	70.15	21.26	19.54	0	837	26.39	7.882	-0.023	13.03
3/14/2014 14:00	40303	4.717	255.4	0.415	11.74	3.836	306.4	60.43	9.95	73.83	74.31	18.91	17.55	0	808	26.41	7.882	-0.001	13.04
3/14/2014 15:00	40304	5.233	255.4	0.268	15.31	4.236	265.1	66.81	13.52	75.58	76.1	18.42	16.86	0	728.2	26.4	7.882	0	12.9
3/14/2014 16:00	40305	5.833	255.2	0	11.74	4.639	251.3	47.4	11.74	74.33	74.88	19.73	17.95	0	518.4	26.37	7.847	-0.035	13.16
3/14/2014 17:00	40306	6.637	255.1	0.29	13.52	5.073	215.6	34.24	9.95	74.57	75.09	19.54	17.68	0	534.2	26.34	7.847	0.001	13.03
3/14/2014 18:00	40307	6.174	255.1	0.348	13.52	4.807	260.7	42.12	11.74	75.7	76.21	18.28	16.42	0	470.6	26.32	7.848	0	13.23
3/14/2014 19:00	40308	7.855	255.1	0.469	15.31	5.859	256.9	25.48	13.52	74.01	74.13	15.98	14.15	0	202	26.31	7.823	-0.025	13.19
3/14/2014 20:00	40309	5.622	255.1	0.267	11.74	3.089	271.8	17.41	9.95	71.39	70.2	17.34	15.96	0	37.25	26.29	7.82	-0.003	13.01

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/14/2014 21:00	40310	4.673	255.1	0	8.16	0.882	146.2	15.64	6.368	68.34	64.39	20.53	20.92	0	0.262	26.27	7.803	-0.017	13.04
3/14/2014 22:00	40311	5.173	255.1	0	6.368	1.628	105.2	18.64	4.578	63.84	61.11	26.23	26.16	0	0.022	26.26	7.803	0	13.11
3/14/2014 23:00	40312	5.843	255	0	9.95	2.001	105.6	26.55	4.578	61.81	58.46	29.56	29.66	0	0.007	26.24	7.8	-0.003	13.05
3/15/2014 0:00	40313	4.243	255	0.106	6.368	0	0	0	0	59.48	56.66	33.31	33.36	0	0.006	26.23	7.801	0.001	13
3/15/2014 1:00	40314	4.858	255.1	0	13.52	1.614	216.9	35.67	6.368	57.77	55.34	35.27	34.74	0	0.002	26.21	7.801	0	12.89
3/15/2014 2:00	40315	7.024	255.1	0.465	15.31	4.465	227.9	27.58	11.74	57.98	57.27	38.33	36.44	0	0.007	26.23	7.782	-0.02	13.07
3/15/2014 3:00	40316	7.43	255.1	0.283	13.52	4.568	201.5	24.8	9.95	59.6	58.83	37.77	36.28	0	0.013	26.23	7.781	0	13.04
3/15/2014 4:00	40317	7.126	255.1	0	13.52	4.113	167.5	22.6	9.95	57.59	56.77	41.46	39.76	0	0.01	26.22	7.781	0	12.92
3/15/2014 5:00	40318	8.47	255	0.232	18.89	5.686	231.5	35.68	13.52	58.97	58.13	38.78	37.59	0	0.009	26.21	7.781	0	12.87
3/15/2014 6:00	40319	8.82	254.8	0.357	13.52	5.939	279.5	24.79	9.95	58.4	57.41	34.92	33.79	0	0.009	26.2	7.781	0	13
3/15/2014 7:00	40320	9.48	254.6	0.324	13.52	7.175	299.8	10.16	11.74	54.02	53.29	37.04	34.77	0	0.002	26.19	7.757	-0.024	12.79
3/15/2014 8:00	40321	7.764	247.6	2.933	22.47	5.127	298.6	19.83	18.89	52.34	51.04	42.5	42.29	0	0.223	26.17	7.758	0.001	12.72
3/15/2014 9:00	40322	4.179	246.3	0.243	8.16	1.721	265.2	42.92	6.368	52.3	48.65	42	44.87	0	32.79	26.14	7.755	-0.003	13.05
3/15/2014 10:00	40323	9.52	246.1	0.399	22.47	7.152	271.9	13.12	17.1	56.64	56.45	40.56	38.25	0	294.4	26.16	7.741	-0.014	13.04
3/15/2014 11:00	40324	19.7	196.6	32.68	31.42	14.62	264.7	14.08	24.26	61.77	62.45	39.23	36.56	0	527.8	26.21	7.743	0.002	13
3/15/2014 12:00	40325	20.05	165.1	1.234	33.21	15.3	270.7	15.26	26.05	62.57	63.78	37.36	34.27	0	725.5	26.24	7.741	-0.002	12.95
3/15/2014 13:00	40326	19.75	165.8	1.632	33.21	15.57	277.4	15.72	27.84	63.2	64.7	35.79	32.41	0	869	26.23	7.699	-0.042	13.01
3/15/2014 14:00	40327	17.64	167.8	1.103	29.63	14.56	293.1	16.32	27.84	65.22	66.53	32.72	29.78	0	942	26.21	7.699	0	12.99
3/15/2014 15:00	40328	19.22	167.7	1.186	31.42	15.73	294.1	17.87	26.05	67.57	68.97	27.06	24.22	0	913	26.19	7.658	-0.041	13.27
3/15/2014 16:00	40329	19.99	167.7	2.091	33.21	16.35	297.4	17.43	27.84	69.41	70.58	20.88	18.12	0	734	26.16	7.633	-0.025	12.92
3/15/2014 17:00	40330	17.61	164.2	2.861	36.78	13.7	271.7	17.26	27.84	70.33	71.49	18.48	15.62	0	660.4	26.14	7.614	-0.019	13.12
3/15/2014 18:00	40331	20.38	166.7	2.37	34.99	16.21	286.4	16.01	29.63	71.72	72.55	12.3	9.28	0	478.8	26.12	7.591	-0.022	13.02
3/15/2014 19:00	40332	19.8	167.3	1.773	34.99	15.82	285.5	15.51	31.42	70.79	71.13	12.72	9.71	0	257	26.12	7.566	-0.025	13.07
3/15/2014 20:00	40333	18.15	166.9	1.025	31.42	14.04	283.3	15.51	26.05	67.84	67.6	14.98	12.01	0	39.01	26.13	7.539	-0.027	13.12
3/15/2014 21:00	40334	16.66	170.9	1.925	31.42	13.16	314.9	10.49	24.26	64.71	64.39	22.69	20.04	0	0.397	26.14	7.521	-0.018	12.85
3/15/2014 22:00	40335	17.62	191.3	4.417	31.42	13.69	342.4	14.76	26.05	59.01	58.97	41.8	38.55	0	0.039	26.17	7.505	-0.016	12.89
3/15/2014 23:00	40336	19.12	194.6	4.803	34.99	14.58	341.4	24.78	27.84	54.47	54.56	56.73	51.37	0	0.008	26.23	7.489	-0.016	12.78
3/16/2014 0:00	40337	24.46	202.1	3.173	42.15	18.51	9.98	12.26	36.78	51.35	51.46	63.82	57.55	0	0	26.22	7.492	0.002	12.71
3/16/2014 1:00	40338	26.86	217.8	7.233	67.2	18.76	20.76	11.45	43.94	51.09	51.09	60.2	54.56	0	0	26.23	7.473	-0.019	12.74
3/16/2014 2:00	40339	25.95	215.1	12.19	45.73	16.58	25.61	11.8	40.36	51.26	51.24	52.96	48.18	0	0	26.26	7.463	-0.01	12.78
3/16/2014 3:00	40340	27.43	209	7.692	45.73	18.31	23.05	12.12	45.73	50.04	50.04	51.09	46.25	0	0	26.29	7.454	-0.01	12.72
3/16/2014 4:00	40341	26.56	209.2	5.617	42.15	19.99	16.04	10.91	38.57	47.55	47.58	53.55	47.98	0	0	26.31	7.444	-0.01	12.69
3/16/2014 5:00	40342	25.22	211	8.25	42.15	19.33	11.4	11.94	38.57	44.41	44.48	60.78	53.75	0	0	26.32	7.438	-0.006	12.53
3/16/2014 6:00	40343	21.91	205.8	7.049	38.57	16.72	11.02	12.27	33.21	42.73	42.78	65.35	57.58	0	0	26.33	7.432	-0.006	12.45
3/16/2014 7:00	40344	21.54	211.2	11.05	36.78	16.41	6.914	11.7	31.42	41.55	41.63	68.01	59.68	0	0	26.35	7.433	0.001	12.49
3/16/2014 8:00	40345	20.04	208.3	14.21	31.42	15.09	3.47	13.02	27.84	41	41.02	68.6	60.24	0	0.304	26.36	7.421	-0.012	12.42
3/16/2014 9:00	40346	20.78	201	2.701	33.21	15.26	354.6	10.85	26.05	39.96	39.99	70.72	61.98	0	75.95	26.39	7.418	-0.003	12.63
3/16/2014 10:00	40347	21.81	205.2	3.485	34.99	15.99	358.6	11.68	27.84	42.14	42.59	64.35	56.3	0	307.3	26.42	7.391	-0.028	12.65
3/16/2014 11:00	40348	22.03	212.8	11.16	34.99	16.59	7.169	12.67	29.63	45.34	46.07	55.1	48.45	0	529.7	26.47	7.39	0	12.72
3/16/2014 12:00	40349	23.48	219.8	12.77	36.78	17.46	14.18	12.54	33.21	48.04	48.84	46.39	41.27	0	723.8	26.51	7.392	0.002	12.89
3/16/2014 13:00	40350	23.5	213.9	10.32	36.78	17.62	11.55	13.87	33.21	50.54	51.6	39.74	35.54	0	877	26.53	7.362	-0.03	12.85
3/16/2014 14:00	40351	21.57	208.4	11.28	36.78	15.89	9.96	16.05	31.42	52.83	54.25	34.02	29.85	0	942	26.53	7.362	0	12.84
3/16/2014 15:00	40352	20.92	206.5	5.292	36.78	15.13	15.85	15.18	34.99	55.07	56.23	27.1	23.06	0	944	26.51	7.347	-0.016	12.83
3/16/2014 16:00	40353	19.96	200.1	4.449	33.21	15.15	356.5	17	29.63	55.59	57.24	28.61	24.21	0	846	26.49	7.34	-0.006	13.08
3/16/2014 17:00	40354	19.04	198.2	3.53	31.42	14.7	351.5	15.61	29.63	56.82	58.27	27.54	23.36	0	732.3	26.47	7.315	-0.026	13.03

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/16/2014 18:00	40355	19.2	201.6	6.648	33.21	14.64	354.8	16.06	31.42	56.99	58.09	25.62	21.52	0	440	26.45	7.296	-0.019	13
3/16/2014 19:00	40356	17.41	199.4	1.631	31.42	13.19	359.3	16.54	26.05	57.11	57.81	24.16	20.24	0	331.4	26.43	7.28	-0.016	12.9
3/16/2014 20:00	40357	13.71	200.3	0	22.47	9.68	18.03	14.89	18.89	55.6	55.66	24.77	21.12	0	93.2	26.42	7.217	-0.063	12.82
3/16/2014 21:00	40358	6.99	200.4	0	15.31	4.002	54.48	20	11.74	51.67	50.71	28.55	25.32	0	0.801	26.4	7.19	-0.027	12.77
3/16/2014 22:00	40359	6.853	200.5	0.179	11.74	4.078	53.01	13.25	8.16	48.11	46.64	33.39	30.38	0	0	26.38	7.19	0.001	12.66
3/16/2014 23:00	40360	6.914	200.5	0.193	11.74	3.819	43.53	18.86	8.16	46.24	45.32	36.34	32.9	0	0	26.38	7.178	-0.013	12.6
3/17/2014 0:00	40361	6.331	200.4	0.311	9.95	3.329	74.04	13.54	8.16	42.76	40.55	38.2	36.29	0	0	26.36	7.176	-0.001	12.55
3/17/2014 1:00	40362	3.574	200.4	0.338	8.16	1.474	63.81	33.41	4.578	41.46	37.85	37.25	37.44	0	0	26.33	7.177	0.001	12.75
3/17/2014 2:00	40363	4.662	200.4	0.364	11.74	2.774	61.28	38.96	8.16	41.13	39.29	35.05	32.51	0	0	26.3	7.177	0	12.64
3/17/2014 3:00	40364	2.11	200.4	0.106	4.578	0.578	242.4	37.09	2.789	36.51	33.7	41.77	39.34	0	0	26.28	7.177	0	12.62
3/17/2014 4:00	40365	0.56	200.5	0	4.578	1.004	92.4	4.817	4.578	35.26	31.43	44.6	42.17	0	0	26.24	7.179	0.002	12.65
3/17/2014 5:00	40366	2.613	200.5	0	4.578	0.476	156.3	36.48	2.789	34.86	30.42	46.47	44.61	0	0	26.22	7.176	-0.002	12.52
3/17/2014 6:00	40367	2.078	200.5	0.11	4.578	0.001	301.1	0	2.789	34.24	30.84	46.5	45.06	0	0	26.19	7.176	0	12.36
3/17/2014 7:00	40368	2.375	200.5	0	4.578	0	0	0	0	34.16	30.94	44.77	43.43	0	0	26.17	7.176	0	12.49
3/17/2014 8:00	40369	3.68	200.5	0	6.368	0.708	163.3	31.7	2.789	33.84	30.25	44.37	45.48	0	0.662	26.15	7.176	0	12.3
3/17/2014 9:00	40370	4.374	200.5	0	6.368	1.994	245	19.27	4.578	34.58	33.19	43.72	39.58	0	89.6	26.15	7.154	-0.022	12.64
3/17/2014 10:00	40371	8.88	200.5	0.385	17.1	6.614	209.8	12.76	13.52	42.56	42.99	34.02	29.07	0	321.6	26.18	7.138	-0.016	12.34
3/17/2014 11:00	40372	13.82	200.5	0	18.89	9.94	208.8	13.04	17.1	49.45	50.56	27.63	22.72	0	551.3	26.23	7.135	-0.002	12.72
3/17/2014 12:00	40373	12.57	200.5	0	18.89	9.17	211.2	14.53	17.1	54.8	56.23	23.31	18.61	0	743.1	26.26	7.134	-0.001	12.81
3/17/2014 13:00	40374	12.74	200.5	0.307	18.89	9.38	210.4	14.82	17.1	60.31	61.95	18.87	14.51	0	857	26.26	7.1	-0.034	12.94
3/17/2014 14:00	40375	14.29	200.5	0.363	24.26	10.47	214.3	15.29	18.89	65.72	67.39	15.02	11.06	0	953	26.24	7.1	0	12.93
3/17/2014 15:00	40376	16.36	200.9	0.298	26.05	11.86	210.8	15.6	22.47	70.44	72.31	11.58	7.956	0	977	26.21	7.081	-0.019	12.96
3/17/2014 16:00	40377	19.69	228.8	33.25	33.21	13.74	215.2	14.6	26.05	73.16	74.92	10.66	7.314	0	901	26.16	7.049	-0.033	12.95
3/17/2014 17:00	40378	21.52	326.7	10.28	40.36	14.99	217.9	14.47	27.84	75.57	76.82	8.84	5.742	0	743.8	26.12	7.02	-0.028	12.96
3/17/2014 18:00	40379	22.1	331.7	5.409	34.99	15.28	224.6	13.31	27.84	76.05	76.82	8.5	5.411	0	556.6	26.08	6.98	-0.041	13.04
3/17/2014 19:00	40380	22.33	331.5	7.851	33.21	15.42	225.8	12.93	27.84	75.84	76.07	7.963	4.946	0	328.4	26.04	6.942	-0.038	13.28
3/17/2014 20:00	40381	21.37	334.9	6.21	33.21	14.94	231.6	11.36	27.84	74.31	73.96	7.806	4.817	0	105.4	26.02	6.9	-0.041	13.19
3/17/2014 21:00	40382	15.91	314	2.864	26.05	10.52	228.8	11.71	20.68	70.06	69.38	10.25	7.118	0	1.216	25.99	6.886	-0.015	13.08
3/17/2014 22:00	40383	13.55	309.9	0.233	20.68	8.77	224.8	11.94	15.31	66.29	65.33	12.53	9.27	0	0.078	25.97	6.855	-0.03	13.1
3/17/2014 23:00	40384	7.748	309.7	0.073	13.52	3.46	195.5	24.44	9.95	61.55	58.91	15.32	12.69	0	0.028	25.94	6.855	0	13.12
3/18/2014 0:00	40385	7.928	309.6	0	13.52	3.832	197.6	14.29	8.16	58.74	55.44	16.56	14.26	0	0.001	25.9	6.843	-0.012	13.02
3/18/2014 1:00	40386	6.789	309.7	0.305	13.52	3.533	133.7	34.87	9.95	55.8	52.14	19.23	16.98	0	0	25.87	6.832	-0.011	13.04
3/18/2014 2:00	40387	4.978	309.7	0.265	11.74	2.531	105.4	30.9	6.368	54.06	50.39	20.77	18.73	0	0	25.87	6.832	0	12.88
3/18/2014 3:00	40388	7.136	309.7	0.264	9.95	2.879	183.5	15.41	6.368	54.49	49.34	20.73	19.96	0	0	25.87	6.832	0	12.84
3/18/2014 4:00	40389	5.657	309.7	0.225	11.74	2.118	212.3	17.02	8.16	52.71	49.6	22.61	20.41	0	0	25.86	6.823	-0.01	12.84
3/18/2014 5:00	40390	9.55	309.7	0.271	13.52	5.354	210.2	13.22	9.95	53.33	51.01	23.03	20.42	0	0	25.85	6.823	0	12.76
3/18/2014 6:00	40391	7.516	309.7	0.264	13.52	3.838	235.1	14.52	8.16	50.36	48.09	25.8	23.18	0	0	25.86	6.823	0	12.82
3/18/2014 7:00	40392	5.661	309.6	0	8.16	1.814	184.1	31.95	4.578	48.68	44.85	27.12	25.83	0	0	25.87	6.8	-0.022	12.74
3/18/2014 8:00	40393	4.46	309.7	0	11.74	0.29	214.2	6.577	6.368	48.78	43.42	26.35	26.91	0	0.973	25.88	6.802	0.002	12.67
3/18/2014 9:00	40394	5.31	309.7	0.195	8.16	1.887	251.1	9.93	6.368	50.85	47.33	24.12	23.04	0	89.5	25.9	6.789	-0.014	12.87
3/18/2014 10:00	40395	12.34	309.8	0.842	26.05	9.18	248.2	12.99	20.68	60.88	60.4	16.97	13.55	0	286.2	25.97	6.789	0.001	12.92
3/18/2014 11:00	40396	18.24	332.2	12.55	31.42	12.55	248.8	14.53	22.47	68.8	68.94	11.5	8.16	0	542.9	26.06	6.774	-0.015	12.84
3/18/2014 12:00	40397	22.86	125.3	39.67	34.99	15.75	258	14.91	29.63	71.63	72.42	10.11	6.724	0	746.4	26.11	6.755	-0.02	12.84
3/18/2014 13:00	40398	23.54	132.1	22.14	38.57	16.25	260.6	15.19	31.42	72.74	73.84	9.74	6.329	0	830	26.13	6.755	0	12.96
3/18/2014 14:00	40399	21.38	147.9	21.17	33.21	14.59	268.2	17.93	27.84	73.11	74.47	9.74	6.254	0	911	26.14	6.723	-0.032	12.98

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/18/2014 15:00	40400	19.61	157.5	23.2	33.21	14.65	277.9	31.87	26.05	75.3	76.55	8.23	4.923	0	935	26.13	6.659	-0.064	13.09
3/18/2014 16:00	40401	18.55	177.2	12.86	29.63	15.38	316.8	16.62	27.84	74.87	76.07	7.749	4.442	0	860	26.13	6.659	0	13.13
3/18/2014 17:00	40402	17.61	184.8	7.84	31.42	14.52	327.9	16.25	27.84	74.92	76.05	6.696	3.187	0	730.2	26.15	6.637	-0.022	13.25
3/18/2014 18:00	40403	18.89	178.5	8.46	27.84	15.52	323.3	11.59	26.05	72.93	73.74	5.678	1.999	0	510.8	26.16	6.606	-0.031	13.26
3/18/2014 19:00	40404	16.21	192.4	7.154	24.26	12.82	340.6	13.84	24.26	71.13	71.57	4.25	1.811	0	287.4	26.18	6.552	-0.054	13.21
3/18/2014 20:00	40405	15.45	198.1	5.247	26.05	11.45	349.1	12.23	20.68	67.57	67.32	3.909	1.762	0	88.2	26.19	6.518	-0.034	13.19
3/18/2014 21:00	40406	12.66	208	4.571	18.89	9.07	1.686	15.08	17.1	62.23	61.65	5.394	1.745	0	0.59	26.18	6.519	0.001	13.08
3/18/2014 22:00	40407	10.27	219.2	1.697	17.1	6.163	31.63	14.07	15.31	57.78	57.18	8.89	3.235	0	0.006	26.19	6.494	-0.025	12.98
3/18/2014 23:00	40408	14.95	218.8	8.82	33.21	8.69	30.65	11.46	29.63	55.29	54.89	11.87	6.168	0	0.001	26.21	6.495	0.001	12.87
3/19/2014 0:00	40409	22.39	220.9	3.229	38.57	12.48	37.67	11.61	26.05	51.4	51.25	26.21	21.59	0	0.001	26.24	6.467	-0.027	12.87
3/19/2014 1:00	40410	23.93	218.4	4.062	43.94	13.42	34.72	11.51	29.63	47.21	47.15	33.42	28.96	0	0	26.26	6.448	-0.019	12.81
3/19/2014 2:00	40411	22.28	216.6	3.308	38.57	12.72	32.94	11.45	27.84	43.61	43.56	39.7	35.02	0	0	26.28	6.445	-0.003	12.75
3/19/2014 3:00	40412	15.36	214.8	1.944	27.84	9.02	32.35	12.31	22.47	41.31	41.23	44.32	38.83	0	0	26.3	6.427	-0.018	12.62
3/19/2014 4:00	40413	13.16	214	1.328	22.47	7.845	31.56	12.92	17.1	39.21	39.1	47.69	41.58	0	0	26.33	6.428	0.001	12.66
3/19/2014 5:00	40414	12.35	212.7	0.487	20.68	8.3	23.44	11.5	17.1	37.5	37.42	50.23	43.54	0	0	26.34	6.425	-0.003	12.54
3/19/2014 6:00	40415	7.632	212.8	0	13.52	5.381	20.73	12.35	11.74	36.08	35.96	52.65	45.5	0	0	26.36	6.371	-0.054	12.63
3/19/2014 7:00	40416	5.542	212.7	0.219	9.95	4.041	343	15.59	8.16	33.41	33.09	57	49.05	0	0	26.37	6.368	-0.003	12.49
3/19/2014 8:00	40417	6.451	212.4	0.258	11.74	4.704	336.5	10.51	8.16	32.24	31.84	59.11	50.9	0	0.464	26.38	6.37	0.002	12.54
3/19/2014 9:00	40418	8.36	211.7	0.363	13.52	6.432	327.3	9.41	11.74	32.9	32.77	58.34	50.07	0	73.46	26.4	6.369	-0.001	12.84
3/19/2014 10:00	40419	9.53	212.3	0.52	15.31	7.447	356	18.97	13.52	38.02	38.63	52.39	45.19	0	289.7	26.43	6.371	0.002	12.86
3/19/2014 11:00	40420	10.78	212.7	0.721	17.1	7.92	17.65	15.49	15.31	42.19	43.11	47.22	41.27	0	510.6	26.48	6.369	-0.002	12.86
3/19/2014 12:00	40421	8.9	214.7	2.421	17.1	6.005	38.18	26.01	15.31	45.73	47.19	36.82	32.36	0	701.7	26.53	6.371	0.002	12.8
3/19/2014 13:00	40422	5.692	213.6	0.576	13.52	4.308	20.56	41.5	11.74	50.3	51.64	30.5	26.71	0	828	26.57	6.335	-0.035	12.96
3/19/2014 14:00	40423	4.807	213.1	0	9.95	3.779	6.755	47.79	8.16	54.3	55.26	25.95	22.71	0	989	26.58	6.332	-0.003	12.95
3/19/2014 15:00	40424	4.873	204.6	14.74	11.74	3.608	309.2	85.1	18.89	57.27	57.95	22.78	19.4	0	992	26.57	5.833	-0.499	13.11
3/19/2014 16:00	40425	3.233	39.51	76.5	18.89	4.007	348.3	48.73	15.31	61.28	60.27	19.82	17.19	0.11	921	26.55	7.237	1.404	12.99
3/19/2014 17:00	40426	4.391	34.25	55	9.95	3.306	23.38	57.59	9.95	61	61.56	19.2	15.96	0	776.3	26.53	8.1	0.867	13.14
3/19/2014 18:00	40427	4.389	46.08	77.35	11.74	3.325	36.23	81	9.95	62.07	62.58	18.47	15.08	0	574.1	26.51	8.1	-0.002	13.25
3/19/2014 19:00	40428	4.948	139.7	52.53	9.95	3.729	144.4	53.99	9.95	60.92	61.77	19.25	15.32	0	331.5	26.5	8.1	0	13.25
3/19/2014 20:00	40429	6.231	130.3	14.06	11.74	3.892	131.4	18.56	8.16	58.23	58.15	21.34	17.81	0	87.2	26.49	8.1	-0.001	13.03
3/19/2014 21:00	40430	6.506	117.4	6.898	8.16	3.163	102.2	16.9	4.578	54.3	50.88	24.26	22.99	0	0.942	26.46	8.1	0.001	13.04
3/19/2014 22:00	40431	7.676	109.5	6.261	9.95	3.772	90.4	13.08	6.368	51.04	46.38	26.21	24.68	0	0.014	26.43	8.1	-0.001	12.86
3/19/2014 23:00	40432	7.798	124.1	7.854	9.95	3.635	118.6	13.31	6.368	48.04	45	30.02	28.43	0	0.004	26.43	8.1	0	12.85
3/20/2014 0:00	40433	8.07	135	6.425	9.95	3.659	128.5	11.83	6.368	46.29	43.54	32.28	30.9	0	0.001	26.42	8.1	0.001	12.93
3/20/2014 1:00	40434	7.861	146.8	5.006	20.68	3.238	138.9	9.89	6.368	44.5	41.41	34.39	32.67	0	0	26.41	8.1	0.002	12.92
3/20/2014 2:00	40435	4.745	190.8	34.99	11.74	1.822	185.1	47.13	8.16	42.43	39.44	36.57	34.75	0	0	26.39	8.1	0	12.7
3/20/2014 3:00	40436	0.301	168	8.65	2.789	0.081	344.6	1.786	2.789	41.31	39.62	38.25	34.88	0	0	26.37	8.1	0	12.7
3/20/2014 4:00	40437	0.337	118.2	1.911	4.578	0.343	50.72	2.737	2.789	41.78	39.65	38.18	35.45	0	0	26.37	8.1	0	12.65
3/20/2014 5:00	40438	1.414	157.3	16.32	4.578	0.529	65.93	5.807	4.578	42.49	37.68	37.45	36.89	0	0	26.35	8.1	0	12.65
3/20/2014 6:00	40439	1.192	179.4	34.47	4.578	1.085	71.24	8.9	4.578	41.2	37.14	39.27	38.66	0	0	26.34	8.1	-0.003	12.54
3/20/2014 7:00	40440	0.59	80.6	23.55	4.578	0.509	56.2	5.766	4.578	40.76	37.29	40.44	39.87	0	0	26.34	8.1	0	12.78
3/20/2014 8:00	40441	0.834	152.2	43.55	4.578	0.609	73.79	8.05	6.368	39.84	35.1	42.06	41.94	0	1.071	26.34	8.1	0	12.51
3/20/2014 15:00	0	14.39	200.7	16.35	23.66	9.69	200.1	19.84	18.3	73.54	75.91	-2.374	11.02	7.415	26.41004	810.9996	0	0.005	0.005
3/20/2014 16:00	1	14.29	203.2	16.18	30.22	10.14	204	18.84	18.3	74.9	76.61	-1.707	9.76	6.42	26.36932	687.3456	0	0.005	0
3/20/2014 17:00	2	13.15	203.8	16.6	22.47	9.28	204.6	18.95	17.1	75.65	76.84	-1.196	8.65	5.376	26.33626	470.1328	0	0.005	0

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/20/2014 18:00	3	13.63	194.5	11.94	25.45	9.24	195.2	16.1	18.89	75.47	76.26	-0.795	8.97	5.859	26.31236	277.0425	0	0.005	0
3/20/2014 19:00	4	10.29	188.2	9.08	16.51	6.343	188.8	13.85	12.93	72.49	71.93	0.564	10.3	7.561	26.2929	51.95063	0	0.005	0
3/20/2014 20:00	5	7.079	169.2	8.46	9.35	2.632	157.2	15.33	4.578	66.71	63.1	3.612	13.66	12.21	26.25654	0.541594	0	0.005	0
3/20/2014 21:00	6	11.88	163.3	8.21	17.7	6.917	162.2	13.91	12.33	65.25	63.58	1.669	15.88	13.34	26.23672	0	0	0.005	0
3/20/2014 22:00	7	12.48	161.2	7.574	18.89	7.419	161	13.09	14.12	63.1	62.05	1.056	20.06	17.34	26.24355	0	0	0.005	0
3/20/2014 23:00	8	13.45	158.5	8.39	19.49	8.2	158.2	13.41	15.31	61.71	60.84	0.866	24.68	22.14	26.2257	0	0	0.005	0
3/21/2014 0:00	9	13.94	168.2	8.99	20.68	8.68	168.7	14.19	14.72	61.02	60.44	0.584	29.4	27.04	26.21676	0	0	0.005	0
3/21/2014 1:00	10	12	184.6	9.22	18.89	7.742	186.6	14.81	13.52	59.6	59.13	0.465	34.65	32.4	26.20402	0	0	0.005	0
3/21/2014 2:00	11	11.46	189.1	7.695	21.28	7.359	191.5	13.28	15.31	58.56	58.01	0.551	40.88	38.6	26.19232	0	0	0.005	0
3/21/2014 3:00	12	7.216	192.9	7.493	11.74	4.074	192.3	13.09	7.561	55.96	54.57	1.387	49.21	46.54	26.17036	0	0	0.005	0
3/21/2014 4:00	13	7.445	189.5	5.373	9.95	3.15	182.6	11.79	4.578	53.68	50.51	3.175	56.44	54.48	26.13389	0	0	0.005	0
3/21/2014 5:00	14	5.956	205.4	13.68	8.16	3.127	209.4	28.2	5.175	52.62	51.1	1.522	61.11	57.14	26.1165	0	0	0.005	0
3/21/2014 6:00	15	3.623	244.7	15.16	5.771	1.682	287.6	25.1	4.578	51.61	49.02	2.585	63.99	60.3	26.11672	0	0	0.005	0
3/21/2014 7:00	16	3.671	223.9	11.16	5.771	1.359	270.8	42.34	2.789	51.02	48.14	2.876	65.97	62.94	26.11394	0.268855	0	0.005	0
3/21/2014 8:00	17	3.818	254.9	19.98	6.368	2.102	291.3	24.07	4.578	50.98	49.51	1.476	68.35	62.93	26.12584	33.83512	0	0.005	0
3/21/2014 9:00	18	5.679	235.7	18.7	9.35	4.26	234.3	18.86	8.16	54.69	54.76	-0.077	67.04	60.52	26.1521	210.0314	0	0.005	0
3/21/2014 10:00	19	9.16	221.8	11.67	14.12	6.666	221	14.7	11.14	61.43	62.2	-0.772	55.89	50.94	26.19793	484.0962	0	0.005	0
3/21/2014 11:00	20	8.59	241	17.45	12.93	6.435	238	19.02	11.14	68.59	69.21	-0.618	35.39	33.91	26.24602	649.0939	0	0.005	0
3/21/2014 12:00	21	9.11	272.2	23.15	15.31	7.228	268.1	26.74	13.52	75.27	76.26	-0.99	16.74	15.14	26.27065	794.3578	0	0.005	0
3/21/2014 13:00	22	9.05	283.3	23.79	20.68	7.33	281.5	28.18	18.89	79.07	80.3	-1.276	9.69	7.416	26.27888	872.6385	0	0.005	0
3/20/2014 15:00	0	14.39	200.7	16.35	23.66	9.69	200.1	19.84	18.3	73.54	75.91	-2.374	11.02	7.415	26.41004	810.9996	0	0.005	0.005
3/20/2014 16:00	1	14.29	203.2	16.18	30.22	10.14	204	18.84	18.3	74.9	76.61	-1.707	9.76	6.42	26.36932	687.3456	0	0.005	0
3/20/2014 17:00	2	13.15	203.8	16.6	22.47	9.28	204.6	18.95	17.1	75.65	76.84	-1.196	8.65	5.376	26.33626	470.1328	0	0.005	0
3/20/2014 18:00	3	13.63	194.5	11.94	25.45	9.24	195.2	16.1	18.89	75.47	76.26	-0.795	8.97	5.859	26.31236	277.0425	0	0.005	0
3/20/2014 19:00	4	10.29	188.2	9.08	16.51	6.343	188.8	13.85	12.93	72.49	71.93	0.564	10.3	7.561	26.2929	51.95063	0	0.005	0
3/20/2014 20:00	5	7.079	169.2	8.46	9.35	2.632	157.2	15.33	4.578	66.71	63.1	3.612	13.66	12.21	26.25654	0.541594	0	0.005	0
3/20/2014 21:00	6	11.88	163.3	8.21	17.7	6.917	162.2	13.91	12.33	65.25	63.58	1.669	15.88	13.34	26.23672	0	0	0.005	0
3/20/2014 22:00	7	12.48	161.2	7.574	18.89	7.419	161	13.09	14.12	63.1	62.05	1.056	20.06	17.34	26.24355	0	0	0.005	0
3/20/2014 23:00	8	13.45	158.5	8.39	19.49	8.2	158.2	13.41	15.31	61.71	60.84	0.866	24.68	22.14	26.2257	0	0	0.005	0
3/21/2014 0:00	9	13.94	168.2	8.99	20.68	8.68	168.7	14.19	14.72	61.02	60.44	0.584	29.4	27.04	26.21676	0	0	0.005	0
3/21/2014 1:00	10	12	184.6	9.22	18.89	7.742	186.6	14.81	13.52	59.6	59.13	0.465	34.65	32.4	26.20402	0	0	0.005	0
3/21/2014 2:00	11	11.46	189.1	7.695	21.28	7.359	191.5	13.28	15.31	58.56	58.01	0.551	40.88	38.6	26.19232	0	0	0.005	0
3/21/2014 3:00	12	7.216	192.9	7.493	11.74	4.074	192.3	13.09	7.561	55.96	54.57	1.387	49.21	46.54	26.17036	0	0	0.005	0
3/21/2014 4:00	13	7.445	189.5	5.373	9.95	3.15	182.6	11.79	4.578	53.68	50.51	3.175	56.44	54.48	26.13389	0	0	0.005	0
3/21/2014 5:00	14	5.956	205.4	13.68	8.16	3.127	209.4	28.2	5.175	52.62	51.1	1.522	61.11	57.14	26.1165	0	0	0.005	0
3/21/2014 6:00	15	3.623	244.7	15.16	5.771	1.682	287.6	25.1	4.578	51.61	49.02	2.585	63.99	60.3	26.11672	0	0	0.005	0
3/21/2014 7:00	16	3.671	223.9	11.16	5.771	1.359	270.8	42.34	2.789	51.02	48.14	2.876	65.97	62.94	26.11394	0.268855	0	0.005	0
3/21/2014 8:00	17	3.818	254.9	19.98	6.368	2.102	291.3	24.07	4.578	50.98	49.51	1.476	68.35	62.93	26.12584	33.83512	0	0.005	0
3/21/2014 9:00	18	5.679	235.7	18.7	9.35	4.26	234.3	18.86	8.16	54.69	54.76	-0.077	67.04	60.52	26.1521	210.0314	0	0.005	0
3/21/2014 10:00	19	9.16	221.8	11.67	14.12	6.666	221	14.7	11.14	61.43	62.2	-0.772	55.89	50.94	26.19793	484.0962	0	0.005	0
3/21/2014 11:00	20	8.59	241	17.45	12.93	6.435	238	19.02	11.14	68.59	69.21	-0.618	35.39	33.91	26.24602	649.0939	0	0.005	0
3/21/2014 12:00	21	9.11	272.2	23.15	15.31	7.228	268.1	26.74	13.52	75.27	76.26	-0.99	16.74	15.14	26.27065	794.3578	0	0.005	0
3/21/2014 13:00	22	9.05	283.3	23.79	20.68	7.33	281.5	28.18	18.89	79.07	80.3	-1.276	9.69	7.416	26.27888	872.6385	0	0.005	0
3/21/2014 14:00	0	10.87	266.6	24.28	20.68	8.43	262.8	27.54	17.1	80.7	82	-1.275	7.17	4.391	26.26503	829.6531	0	216	216
3/21/2014 15:00	1	10.01	273.6	26.18	18.89	7.669	269.1	31.05	16.51	81.3	82.5	-1.193	6.549	3.718	26.25496	679.3018	0	215.9	-0.012

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/21/2014 16:00	2	11.83	285.4	19.75	24.26	9.09	283.8	26.09	23.07	80.8	82	-1.204	6.639	3.729	26.23635	581.1226	0	215.2	-0.725
3/21/2014 17:00	3	9.4	276.2	24.63	21.28	7.258	273.5	29.01	16.51	80.6	81.5	-0.916	5.993	3.04	26.22406	339.5683	0	214.5	-0.709
3/21/2014 18:00	4	8.49	270.9	31.11	17.1	6.547	267	35.36	12.93	79.95	80.2	-0.204	6.073	3.254	26.21571	197.6513	0	213.8	-0.664
3/21/2014 19:00	5	6.862	259.8	9.85	11.74	4.504	254.3	13.48	9.35	77.54	76.63	0.914	6.673	4.32	26.21471	45.03764	0	213.3	-0.556
3/21/2014 20:00	6	4.931	296.6	16.15	6.368	2.54	328	15.88	4.578	74	70.01	3.996	7.814	7.007	26.20673	0.417174	0	213.3	0.04
3/21/2014 21:00	7	4.624	340.6	18.86	6.368	2.484	8.3	11.29	4.578	72.99	68.37	4.62	8.49	8	26.20527	0	0	212.8	-0.575
3/21/2014 22:00	8	17.62	68.11	21.55	30.82	11.36	64.49	20.83	22.47	66.33	65.59	0.739	18.35	15.63	26.24593	0	0	212.7	-0.03
3/21/2014 23:00	9	16.63	69.99	8.04	24.86	11.09	63.75	14.44	18.3	62.06	61.76	0.298	24.34	21.45	26.25813	0	0	211.9	-0.79
3/22/2014 0:00	10	19.3	70.56	6.757	26.65	13.16	64.87	13.93	21.28	58.36	58.1	0.259	28.12	25.06	26.25327	0	0	211.4	-0.568
3/22/2014 1:00	11	15.86	61.83	13.75	26.05	10.31	56.27	17.71	20.68	55.46	55.19	0.273	31.16	27.95	26.24207	0	0	211.3	-0.051
3/22/2014 2:00	12	16.51	66.91	13.32	27.84	10.66	60.27	18.9	20.68	53.29	52.95	0.342	33.4	30.16	26.23681	0	0	210.7	-0.614
3/22/2014 3:00	13	14.82	49.53	10.66	23.07	8.83	45.09	13.81	16.51	50.17	49.9	0.267	36.57	33.03	26.23096	0	0	210.7	-0.011
3/22/2014 4:00	14	16.72	44.73	7.94	24.26	9.2	38.59	10.94	17.7	48.37	48.16	0.213	42.78	38.53	26.22703	0	0	210.3	-0.415
3/22/2014 5:00	15	14.46	28.45	9.99	21.28	9.5	24.15	11.55	18.89	46.06	45.98	0.081	47.14	42.02	26.22983	0	0	209.8	-0.501
3/22/2014 6:00	16	16.18	26.85	10.6	25.45	11.06	21.84	12.33	18.89	45.32	45.24	0.08	47.65	42.44	26.23656	0	0	209.8	-0.016
3/22/2014 7:00	17	12.69	17.64	12	21.28	9.48	14.88	12.59	18.89	43.52	43.51	0.008	48.92	43.21	26.26347	0.539738	0	209.3	-0.425
3/22/2014 8:00	18	12.08	12.75	12.1	17.7	9.32	10.09	12.58	15.91	42.34	42.45	-0.102	49.52	43.52	26.28564	57.67015	0	209.4	0.039
3/22/2014 9:00	19	13.49	22.23	9.9	20.09	9.82	18.72	12.13	18.89	44.53	44.81	-0.286	44.43	39.38	26.31297	176.1607	0	208.5	-0.824
3/22/2014 10:00	20	13.8	42.89	14.11	22.47	8.45	36.28	16.12	20.68	47.35	48.33	-0.979	40.31	35.68	26.33979	395.0715	0	208.6	0.01
3/22/2014 11:00	21	11.06	57.4	15.34	20.68	7.095	50.74	20.08	13.52	51.21	53.01	-1.797	36.88	32.4	26.36504	577.5212	0	208.5	-0.031
3/22/2014 12:00	22	8.54	56.38	21.41	14.72	5.967	50.01	26.57	13.52	54.05	55.87	-1.814	35.15	31.07	26.36955	583.6552	0	208.5	0.014
3/22/2014 13:00	23	5.26	52.67	38.41	11.74	3.917	44.47	41.76	10.54	57.06	58.16	-1.104	32.98	29.94	26.36639	460.1389	0	207.7	-0.835
3/22/2014 14:00	24	4.543	107.5	70.95	15.91	3.68	100.1	77.1	16.51	60.7	61.36	-0.658	29.93	27.31	26.35686	592.3813	0	207.7	-0.009
3/22/2014 15:00	25	4.274	73.39	64.12	8.75	3.459	57.4	67.86	8.16	63.55	64.12	-0.567	27.15	25.11	26.33993	574.8633	0	207.7	-0.006
3/22/2014 16:00	26	4.589	122.5	78.36	10.54	3.672	112	89.2	9.35	66.58	67.16	-0.584	24.23	21.95	26.32728	615.9996	0	207.7	-0.005
3/22/2014 17:00	27	6.069	153.4	37.67	12.93	4.691	154.9	44.95	9.95	67.52	68.41	-0.886	22.89	20	26.32279	504.6363	0	207.7	-0.007
3/22/2014 18:00	28	7.057	146.4	32	12.93	5.098	146.1	38.63	10.54	68.39	69.43	-1.042	21.73	18.84	26.31781	330.2348	0	206.8	-0.859
3/22/2014 19:00	29	5.92	122.5	20.72	9.95	4.03	122	26.79	6.964	67.4	67.34	0.065	22.02	19.8	26.31764	102.5036	0	206.8	-0.049
3/22/2014 20:00	30	8.53	97.2	10.02	11.74	4.81	94.8	15	7.561	60.72	58.88	1.845	28.28	26.67	26.29832	1.373612	0	206.2	-0.584
3/22/2014 21:00	31	9.26	118.6	8.6	12.93	5.439	114.9	14.26	8.75	55.81	54.66	1.144	36.66	34.7	26.29557	0	0	206.1	-0.044
3/22/2014 22:00	32	9.06	115.3	7.453	12.33	5.261	111.4	13.73	9.35	53.36	52.11	1.246	41.76	39.44	26.29786	0	0	205.6	-0.518
3/22/2014 23:00	33	9.39	101.8	10.47	13.52	5.895	96.8	15.68	9.95	51.63	50.64	0.992	46.37	42.94	26.2986	0	0	205.6	-0.02
3/23/2014 0:00	34	10	79.04	9.98	14.72	6.002	73.83	16.7	10.54	48.55	47.72	0.825	52.34	47.67	26.30294	0	0	205.6	0.034
3/23/2014 1:00	35	13.47	77.01	7.944	20.68	8.35	69.98	15.83	15.31	45.97	45.45	0.524	60.28	54.02	26.31227	0	0	205.1	-0.528
3/23/2014 2:00	36	16.97	71.01	7.459	24.86	11.22	64.82	13.95	18.89	43.85	43.6	0.25	66.75	59.28	26.32896	0	0	205.1	-0.029
3/23/2014 3:00	37	21.18	63.95	8.59	36.19	14.02	58.57	13.91	26.65	41.66	41.5	0.162	70.58	62.4	26.35265	0	0	205	-0.097
3/23/2014 4:00	38	21.22	60.7	9.08	35	14.1	54.85	13.39	26.05	39.68	39.53	0.142	71.18	62.78	26.36472	0	0	205	0.053
3/23/2014 5:00	39	19.4	57.85	8.64	30.22	12.72	53.32	13.35	22.47	38.18	38	0.182	65.49	57.81	26.38003	0	0	205	-0.048
3/23/2014 6:00	40	18.85	51.53	9.9	30.82	10.81	44.54	14.18	23.07	37.35	37.17	0.184	61.35	54.02	26.4094	0	0	204.3	-0.672
3/23/2014 7:00	41	18.13	40.32	11.22	30.22	10.44	33.84	12.69	23.07	35.09	35.04	0.054	56.26	49.26	26.46655	0.969657	0	204.3	-0.011
3/23/2014 8:00	42	16.56	32.09	10.43	26.65	10.4	26.83	11.14	24.26	32.12	32.36	-0.235	48.11	41.53	26.48474	67.71042	0	204.3	0.037
3/23/2014 9:00	43	16.17	38.05	10.85	24.26	9.6	32.21	13.06	22.47	32.77	33.18	-0.404	45.19	38.81	26.49515	106.245	0	204.3	-0.012
3/23/2014 10:00	44	14.15	39.13	11.09	21.87	8.36	33.51	13.02	20.09	34.89	35.42	-0.528	43.16	37.19	26.51477	149.8863	0	204.3	-0.025
3/23/2014 11:00	45	12.53	46.26	12.68	20.09	7.648	40.39	15.58	15.31	37.55	38.36	-0.805	41.91	36.21	26.5374	214.0409	0	203.5	-0.774
3/23/2014 12:00	46	10.06	49.8	15.66	16.51	6.559	42.93	18.05	13.52	40.65	42	-1.356	38.95	33.78	26.54612	395.1101	0	203.5	-0.036

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
3/23/2014 13:00	47	8.79	60	20.73	15.31	6.173	52.16	24.5	12.93	45.26	47.1	-1.835	34.33	29.54	26.53959	622.8406	0	203.5	-0.004
3/23/2014 14:00	48	8.53	77.78	26.2	17.7	6.283	69.2	34.64	15.31	49.73	51.94	-2.202	31.23	26.59	26.526	864.8617	0	203.5	0.019
3/23/2014 15:00	49	6.521	112.1	47.25	14.72	5.135	110.4	59.96	11.74	53.88	55.1	-1.224	29.59	25.65	26.50869	847.7036	0	203.5	-0.017
3/23/2014 16:00	50	6.035	93.6	37.77	11.74	4.757	90.3	49.84	10.54	56.01	57.02	-1.009	28.87	25.5	26.49071	721.9626	0	202.8	-0.693
3/23/2014 17:00	51	5.729	137.9	58.35	12.93	4.599	136.6	66.11	10.54	56.87	57.76	-0.89	30.18	26.5	26.46508	543.7382	0	202.8	0
3/23/2014 18:00	52	6.911	116.5	35.29	13.52	5.332	112.4	41.26	11.14	56.41	57.28	-0.871	30.9	27.23	26.45278	308.2861	0	200.8	-2.011
3/23/2014 19:00	53	6.71	138.2	21.23	11.74	4.382	137.7	25.81	8.16	53.9	53.87	0.036	33.34	30.04	26.44194	69.31327	0	200.8	-0.013
3/23/2014 20:00	54	6.471	131.8	6.416	8.16	3.113	124.7	11.51	5.175	49.72	48.03	1.691	37.81	35.9	26.41832	0.839158	0	200.8	0.012
3/23/2014 21:00	55	7.185	131.9	5.484	8.75	3.347	117.5	12.37	5.175	46.53	44.23	2.296	42.39	40.81	26.40527	0	0	200.8	-0.031
3/23/2014 22:00	56	7.287	126.4	6.485	8.75	3.522	111	11.16	5.175	45.08	42.67	2.409	44.19	42.42	26.38244	0	0	200.8	0.035
3/23/2014 23:00	57	7.925	142.2	8.91	12.33	3.95	135.3	15.25	7.561	43.26	41.44	1.813	43.97	41.35	26.37391	0	0	200.8	0.002
3/24/2014 0:00	58	7.23	150	7.981	9.35	3.03	133.8	16.24	5.175	40.78	37.88	2.905	45.57	43.68	26.35763	0	0	200.5	-0.277
3/24/2014 1:00	59	4.657	192.7	24.79	7.561	1.789	184.9	52.07	3.982	38.98	36.42	2.566	48.07	45.13	26.33365	0	0	200.5	0.004
3/24/2014 2:00	60	2.237	197.5	27.47	4.578	1.154	92.6	43.61	3.386	38.3	36.2	2.096	49.33	45.89	26.3092	0	0	200.5	0.016
3/24/2014 3:00	61	3.456	180.7	34	7.561	1.481	150.6	66.79	3.386	38.79	36.73	2.056	50.02	45.92	26.29831	0	0	200.5	-0.007
3/24/2014 4:00	62	4.661	187.1	8.71	6.368	1.652	161.2	20.74	3.386	37.69	35.67	2.024	56.28	50.03	26.27842	0	0	200.5	-0.002
3/24/2014 5:00	63	3.941	211.7	34.85	7.561	1.563	209.2	86.3	3.982	36.3	34.35	1.954	62.04	55.31	26.25893	0	0	200.1	-0.381
3/24/2014 6:00	0	4.13	220	26.87	6.368	1.878	163.1	76.22	3.386	36.78	33.28	3.499	62.55	58.1	26.2559	0	0	7.88	7.88
3/24/2014 7:00	1	1.64	2.716	91.4	3.386	1.407	40.43	42.99	3.982	36.01	34.45	1.566	66.11	58.39	26.25892	0.843826	0	7.88	0
3/24/2014 8:00	2	2.346	312	48.6	4.578	1.527	319.3	63.67	3.982	39.28	38.37	0.914	64.33	55.03	26.27527	85.29446	0	7.882	0.002
3/24/2014 9:00	3	5.76	221.2	14.65	9.95	4.465	221.2	16.45	8.75	44.61	45.18	-0.563	60.5	52.05	26.31351	314.5713	0	7.88	-0.002
"2014-03-24 11:00:00"		6.499	237.7	25.29	11.74	5.057	234.4	28.16	9.95	54.22	54.97	-0.747	46.18	41.15	26.378	712.83	0		
"2014-03-24 13:00:00"		6.776	246.6	24.49	12.33	5.237	243.9	28.26	10.54	59.88	60.76	-0.882	38.42	35	26.388	839.93	0		
"2014-03-24 14:00:00"		7.173	298.2	35.42	14.72	5.818	295.9	43.39	14.72	66.55	67.38	-0.83	27.44	25.51	26.393	891.38	0		
"2014-03-24 15:00:00"		5.564	285.6	62.75	13.52	4.544	279.6	65.42	11.74	74.01	74.69	-0.685	17.82	16.29	26.387	863.7	0		
"2014-03-24 16:00:00"		9.03	355.7	45.7	21.87	7.359	352.8	45.2	18.89	77.64	78.43	-0.79	9.7	7.853	26.381	814.42	0		
"2014-03-24 17:00:00"		12.09	340.6	23.34	23.07	9.7	337.9	24.63	18.89	76.93	78.25	-1.318	7.91	5.12	26.372	693.09	0		
"2014-03-24 18:00:00"		10.91	319.7	19.94	20.09	8.87	318.7	20.99	17.1	76.48	77.31	-0.829	7.431	4.519	26.365	429.35	0		
"2014-03-24 19:00:00"		11.33	338.1	24.56	20.09	8.96	336.6	25.38	18.89	76.17	76.67	-0.497	5.881	2.673	26.365	312.48	0		
"2014-03-24 20:00:00"		10.67	51.78	32.54	17.1	6.74	46.89	34.11	12.93	73.08	72.84	0.241	9.59	6.664	26.376	92.547	0		
"2014-03-24 21:00:00"		12.68	73.96	9.43	20.68	7.899	68.27	15.61	15.31	65.64	64.65	0.995	17.32	14.65	26.368	1.0061	0		
"2014-03-24 22:00:00"		15.48	79.66	7.649	22.47	9.49	74.16	15.66	17.7	62.11	61.28	0.839	20.52	17.66	26.375	0	0		
"2014-03-24 23:00:00"		17.22	82.3	7.129	27.84	10.59	77.8	15.24	19.49	58.29	57.63	0.659	26.28	23.28	26.393	0	0		
"2014-03-25 00:00:00"		15.87	79.67	7.663	27.24	9.71	74.31	15.91	17.7	54.9	54.29	0.609	31.3	28.3	26.397	0	0		
"2014-03-25 01:00:00"		15.93	72.71	7.523	23.07	10.38	66.55	14.44	18.3	51.34	50.8	0.542	34.81	31.55	26.398	0	0		
"2014-03-25 02:00:00"		17.15	66.73	7.421	24.26	11.82	63.31	13.4	18.3	48.59	48.23	0.357	37.5	33.88	26.397	0	0		
"2014-03-25 03:00:00"		17.21	65.33	8.08	24.86	11.59	61.24	14.21	21.28	45.95	45.63	0.324	40.89	36.71	26.395	0	0		
"2014-03-25 04:00:00"		13.62	59.09	9.56	23.07	8.83	54.25	14.23	17.1	43.24	42.93	0.302	44.92	39.88	26.4	0	0		
"2014-03-25 05:00:00"		13.57	53.26	10.18	20.09	8.18	46.84	14.74	15.91	40.99	40.72	0.268	48.19	42.44	26.397	0	0		
"2014-03-25 06:00:00"		12.67	52.39	10.01	18.89	7.461	47.6	14.41	14.72	39.09	38.84	0.258	51.1	44.78	26.396	0	0		
"2014-03-25 07:00:00"		12.02	55.69	9.79	18.89	7.535	51.3	14.63	13.52	37.55	37.28	0.266	53.66	46.84	26.399	0	0		
"2014-03-25 08:00:00"		12.86	51.63	10.34	20.68	7.583	45.01	14.69	15.91	36.21	36.01	0.197	57.25	49.72	26.415	1.7209	0		
"2014-03-25 09:00:00"		13.34	50.29	10.45	21.28	7.741	41.95	14.4	17.1	36.92	37.22	-0.299	59.04	50.93	26.433	92.66	0		
"2014-03-25 10:00:00"		16.86	70.96	10.14	24.26	11.19	65.56	16.69	19.49	40.19	40.96	-0.774	56.41	48.52	26.46	183.16	0		
"2014-03-25 11:00:00"		17.72	77.57	9.79	26.65	11.55	72.35	17.17	19.49	42.05	43.11	-1.06	53.87	46.2	26.481	233.48	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-03-25	12:00:00"	17.11	84.1	11.06	27.84	11.4	79.72	18.38	21.28	43.5	44.7	-1.202	51.26	43.96	26.497	243.6		0	
"2014-03-25	13:00:00"	14.42	95.8	12.26	21.28	10.05	92.3	20.16	17.1	45.8	47.09	-1.29	47.88	41.27	26.494	293.73		0	
"2014-03-25	14:00:00"	14.12	101.5	12.12	20.68	10.3	98.3	17.96	17.7	48.35	49.93	-1.578	46.28	39.92	26.476	423.84		0	
"2014-03-25	15:00:00"	13.17	107	18.11	20.09	9.6	105.6	23.09	17.1	54.11	56.41	-2.299	43.4	37.59	26.456	842.42		0	
"2014-03-25	16:00:00"	15.47	135.2	15.63	27.24	10.56	134.9	21.43	20.68	59.71	62.14	-2.434	42.7	37.37	26.438	824.78		0	
"2014-03-25	17:00:00"	16.03	142.4	15.64	25.45	10.87	142.9	19.94	21.28	62.17	64.23	-2.055	38.97	34.86	26.413	695.61		0	
"2014-03-25	18:00:00"	17.51	141.8	13.04	26.05	11.6	142.3	17.76	18.89	64.94	66.62	-1.684	33.95	30.72	26.387	513.03		0	
"2014-03-25	19:00:00"	19.07	139.9	10.47	30.22	12.36	140.6	15.91	23.07	65.26	66.23	-0.977	32.56	29.95	26.358	297.12		0	
"2014-03-25	20:00:00"	18.52	139.6	10.19	30.82	11.92	139.7	15.4	23.66	63.63	63.71	-0.076	36.34	34.45	26.333	85.702		0	
"2014-03-25	21:00:00"	12.96	142.4	9.54	23.66	8.12	142.8	14.55	16.51	60.3	59.71	0.581	43.04	41.01	26.322	0.82811		0	
"2014-03-25	22:00:00"	9.22	137.8	8.43	14.72	5.648	136	14.12	10.54	58.03	57.34	0.691	44.02	41.95	26.315	0		0	
"2014-03-25	23:00:00"	11.08	145.5	18.12	15.91	7.057	145.9	21.1	11.74	58.49	58.13	0.359	41.32	39.22	26.324	0		0	
"2014-03-26	00:00:00"	15.94	154.8	21.6	30.22	10.02	154.8	25.12	22.47	52.79	52.45	0.344	77.82	72.64	26.327	0		0	
"2014-03-26	01:00:00"	8.54	133.9	12.24	14.12	5.278	133.5	17.26	9.35	51.27	50.72	0.55	82.6	77.62	26.284	0		0	
"2014-03-26	02:00:00"	7.868	142.3	11.33	15.31	4.762	141.2	17.49	8.75	50.58	49.96	0.626	80.4	75.83	26.254	0		0	
"2014-03-26	03:00:00"	7.874	133.5	16.85	11.14	4.894	132.8	21.71	8.75	49.64	49.03	0.606	79.6	74.49	26.213	0		0	
"2014-03-26	04:00:00"	11.85	150.7	26.52	24.26	7.544	150.9	31.34	18.89	49.22	48.8	0.424	80.1	74.05	26.17	0		0	
"2014-03-26	05:00:00"	9.82	173.7	24.14	18.89	6.355	175.2	27.63	14.12	48.64	48.23	0.417	85.2	77.65	26.149	0		0	
"2014-03-26	06:00:00"	6.183	247.7	24.24	13.52	4.265	241.2	38.49	9.95	48.24	47.85	0.391	89.4	81.4	26.165	0		0	
"2014-03-26	07:00:00"	3.012	342.1	45.33	6.368	1.863	1.371	39.85	4.578	47.34	46.02	1.312	91	84.2	26.151	0		0	
"2014-03-26	08:00:00"	4.872	3.557	19.44	8.16	3.238	3.017	22.57	6.368	48.09	47.72	0.366	90.5	83.3	26.176	0.14069		0	
"2014-03-26	09:00:00"	5.997	91.2	28.32	10.54	4.063	91	30.66	8.75	48.82	48.65	0.17	89.4	81.8	26.182	14.511		0	
"2014-03-26	10:00:00"	12.16	143.1	11.26	20.68	7.928	143.5	15.83	15.91	49.84	50.01	-0.168	86	78.48	26.171	114.68		0	
"2014-03-26	11:00:00"	16.97	162.7	10.82	24.86	11.02	163.6	15.71	18.89	52.42	53.57	-1.148	74.65	67.5	26.172	528.17		0	
"2014-03-26	12:00:00"	15	180.8	12.36	22.47	10.21	182.3	17.56	17.7	55.99	57.62	-1.631	70.04	62.7	26.187	708		0	
"2014-03-26	13:00:00"	15.48	203.3	13.68	24.26	11.21	204.1	16.52	18.89	60.28	62.09	-1.812	61.92	55.74	26.189	832.01		0	
"2014-03-26	14:00:00"	16.06	218.5	13.76	25.45	12.13	217.8	14.62	20.09	65.73	67.36	-1.636	48.64	45.36	26.182	876.11		0	
"2014-03-26	15:00:00"	18.28	232.9	12.44	29.63	14.26	230.1	13.31	23.07	70.79	72.02	-1.23	32.87	31.97	26.162	807.85		0	
"2014-03-26	16:00:00"	18.58	234.6	13.54	29.03	14.52	232	14.37	24.26	73.84	75.06	-1.219	24.95	23.93	26.143	768.1		0	
"2014-03-26	17:00:00"	19.95	238.7	15.66	34.4	15.43	235.8	16.56	28.43	75.61	76.6	-0.997	17.78	16.52	26.121	653.58		0	
"2014-03-26	18:00:00"	19.76	229.1	11.71	32.01	15.14	227.3	12.15	25.45	76.04	76.75	-0.714	15.09	13.53	26.099	458.97		0	
"2014-03-26	19:00:00"	20.15	232.2	9.81	31.42	15.36	229.5	10.78	25.45	75.73	75.85	-0.117	12.99	11.37	26.081	249.45		0	
"2014-03-26	20:00:00"	17.19	233.7	9.21	31.42	13.03	231	10.35	24.86	74.84	74.44	0.409	12.74	11.19	26.076	92.003		0	
"2014-03-26	21:00:00"	11.69	230.6	8.39	21.28	8.32	227.6	9.34	18.3	70.48	69.42	1.058	14.66	13.2	26.073	1.1757		0	
"2014-03-26	22:00:00"	8.89	213.3	22.4	21.28	5.26	207.6	29.17	13.52	66.07	64.03	2.038	17.05	15.81	26.06	0		0	
"2014-03-26	23:00:00"	16.34	164.3	8.62	29.63	10.26	165.1	14.26	20.68	57.87	57.37	0.492	70.27	64.42	26.043	0		0	
"2014-03-27	00:00:00"	14.74	183	10.1	26.05	9.36	185.2	15.26	17.1	52.85	52.66	0.189	90.7	81.9	26.027	0		0	
"2014-03-27	01:00:00"	14.79	185.8	9.07	24.86	9.76	188.4	14.52	19.49	52.29	52.35	-0.054	94.5	84.9	26.023	0		0	
"2014-03-27	02:00:00"	17.52	190.8	8.97	27.24	11.65	192.6	13.91	20.09	52.59	52.67	-0.089	94	84.4	26.018	0		0	
"2014-03-27	03:00:00"	17.15	195.3	8.05	26.65	11.55	197.7	12.89	19.49	52.67	52.7	-0.035	94.1	84.6	26.015	0		0	
"2014-03-27	04:00:00"	12.13	194.8	9.17	21.28	8.17	197.3	14.1	14.72	52.2	52.11	0.09	95.8	86.1	26.005	0		0	
"2014-03-27	05:00:00"	10.46	205.1	12.44	15.91	7.182	207.5	14.68	12.33	51.49	51.25	0.233	97.5	87.9	25.99	0		0	
"2014-03-27	06:00:00"	8.98	231.4	11.34	16.51	6.911	230.1	11.89	12.33	50.91	50.77	0.146	98.5	88.7	26.002	0		0	
"2014-03-27	07:00:00"	9.38	231	10.43	14.12	7.345	229.6	10.99	12.33	50.01	50.07	-0.056	99.5	89.7	26.023	0		0	
"2014-03-27	08:00:00"	7.513	222.3	12.79	11.74	5.695	222.8	13.56	9.95	48.6	48.67	-0.064	100	89.8	26.038	1.7196		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-03-27	09:00:00"	3.245	227.5	42.67	11.14	2.194	229.6	67.57	8.16	48.2	48.04	0.156	100	91.3	26.056	93.924		0	
"2014-03-27	10:00:00"	12.3	270.7	16.15	27.84	9.21	265.7	19.57	20.68	61.19	61.16	0.024	39.54	42.48	26.095	344.61		0	
"2014-03-27	11:00:00"	23.16	280.4	10.61	38.57	17.61	275.7	15.51	33.8	67.28	67.87	-0.59	20.7	19.22	26.149	528.87		0	
"2014-03-27	12:00:00"	27.1	279.5	10.15	38.57	20.49	274.6	15.2	32.01	69.12	70.21	-1.089	17.52	15.31	26.172	699.24		0	
"2014-03-27	13:00:00"	24.89	263.1	11.64	37.38	18.31	257.9	15.09	30.82	71.47	72.76	-1.291	15.38	13.03	26.184	810.59		0	
"2014-03-27	14:00:00"	23.98	260.4	12.36	41.56	18.1	255.4	15.36	32.61	73.44	74.79	-1.347	13.66	11.3	26.175	869.6		0	
"2014-03-27	15:00:00"	25.53	261.6	13	39.77	19.52	257.9	16.07	32.01	75	76.38	-1.384	11.79	9.37	26.161	867.76		0	
"2014-03-27	16:00:00"	25.89	262.7	12.31	40.96	20.11	258.9	14.94	32.61	75.94	77.29	-1.35	11.1	8.61	26.151	802.81		0	
"2014-03-27	17:00:00"	25.95	261.8	11.77	39.17	20.35	257.9	14.41	33.8	76.32	77.35	-1.023	10.93	8.47	26.143	682.97		0	
"2014-03-27	18:00:00"	25.62	256.7	10.46	40.96	20.06	253.2	13.14	32.61	76	76.71	-0.709	11.71	9.3	26.135	512.44		0	
"2014-03-27	19:00:00"	24.5	257.2	10.26	37.38	19.1	253.4	12.79	32.61	75.42	75.66	-0.242	11.4	9.08	26.13	305.98		0	
"2014-03-27	20:00:00"	17.19	261.4	9.76	34.4	13.09	257.8	12.92	26.05	74.19	73.86	0.338	11.82	9.71	26.129	97.262		0	
"2014-03-27	21:00:00"	8.81	243.1	12.65	22.47	5.99	236.8	18.44	15.91	69.49	68.17	1.311	14.82	12.96	26.123	1.669		0	
"2014-03-27	22:00:00"	4.33	223.6	12.76	5.771	1.445	161.9	18.44	3.982	64.76	59.84	4.923	18.17	18.67	26.107	0		0	
"2014-03-27	23:00:00"	4.76	257.6	22.09	9.35	1.583	280.2	54.87	5.175	61.9	56.37	5.529	20.46	22.26	26.089	0		0	
"2014-03-28	00:00:00"	10.08	307.6	8.73	17.7	6.682	311.8	13.27	12.93	61.92	59.45	2.465	21.75	20.82	26.079	0		0	
"2014-03-28	01:00:00"	5.673	210.1	26.93	9.35	2.827	175.3	52.43	6.964	58.41	54.22	4.184	25.55	26.14	26.1	0		0	
"2014-03-28	02:00:00"	3.872	259.2	27.14	7.561	1.847	340.9	55.34	4.578	58.6	54.32	4.282	25.59	26.77	26.088	0		0	
"2014-03-28	03:00:00"	4.559	277.5	23.31	7.561	2.147	299.7	60.32	4.578	59.22	56.04	3.176	26.18	26.33	26.099	0		0	
"2014-03-28	04:00:00"	6.484	269.2	12.93	9.35	3.515	267.7	20.83	6.964	60.64	57.83	2.814	26.21	26.42	26.107	0		0	
"2014-03-28	05:00:00"	8.83	254.2	19.25	12.93	6.193	250.8	21.74	11.74	61	59.92	1.083	26.71	25.31	26.13	0		0	
"2014-03-28	06:00:00"	8.15	287.3	6.895	14.12	5.604	292.8	12.14	12.33	60.67	59.23	1.433	27.66	26.59	26.152	0		0	
"2014-03-28	07:00:00"	6.309	299.7	9.51	8.75	3.11	310.7	14.51	4.578	57.43	54.24	3.191	30.93	31.5	26.15	0		0	
"2014-03-28	08:00:00"	6.436	314.6	7.574	8.75	3.47	315.5	10.37	5.771	54.52	51.63	2.89	35.19	35.23	26.148	2.2068		0	
"2014-03-28	09:00:00"	6.145	319	8.93	9.35	4.209	319.6	11.91	7.561	54.9	54.05	0.849	34.68	33.08	26.172	114.18		0	
"2014-03-28	10:00:00"	8.88	300.4	12.19	14.12	7.338	300.2	15.73	12.93	60.28	60.73	-0.454	28.53	25.98	26.222	334.48		0	
"2014-03-28	11:00:00"	13	303.4	12.23	23.07	10.56	303.7	15.09	19.49	65.56	66.19	-0.633	22.93	20.5	26.269	539.1		0	
"2014-03-28	12:00:00"	14.18	316.9	15.08	21.87	11.79	316.2	16.85	21.28	68.05	69.05	-1	20.84	18.38	26.303	709.29		0	
"2014-03-28	13:00:00"	14.99	311.4	17.84	27.24	12.55	310.2	19.59	22.47	69.99	71.2	-1.21	18.96	16.45	26.321	825.45		0	
"2014-03-28	14:00:00"	17.09	298.9	15.38	29.63	14.18	297.9	18.24	24.26	71.07	72.47	-1.401	18.3	15.66	26.325	883.33		0	
"2014-03-28	15:00:00"	17.85	300.3	15.92	28.43	14.88	299.2	18.43	26.05	72.07	73.47	-1.397	16.54	13.89	26.316	883.44		0	
"2014-03-28	16:00:00"	17.56	298.4	16.32	29.63	14.48	297.7	18.59	26.05	73.1	74.44	-1.342	14.16	11.47	26.313	822.47		0	
"2014-03-28	17:00:00"	17.44	303.1	14.89	30.82	14.27	302.7	16.98	26.65	73.46	74.69	-1.231	12.92	10.15	26.315	698.76		0	
"2014-03-28	18:00:00"	16.25	308.6	14.87	27.24	13.34	309.2	16.67	24.26	73.7	74.6	-0.901	12.73	10.03	26.319	522.34		0	
"2014-03-28	19:00:00"	14.76	311	12.84	23.66	12.07	311.1	14.04	20.09	73.51	73.98	-0.464	12.65	10.08	26.325	313.58		0	
"2014-03-28	20:00:00"	10.45	304.8	11.79	18.3	8.45	303.8	13.97	16.51	72.22	72.01	0.21	13.12	10.72	26.334	100.21		0	
"2014-03-28	21:00:00"	5.045	320.8	14.26	9.35	2.699	331.4	20.27	6.368	67.74	65.03	2.712	16.28	15.01	26.33	1.8108		0	
"2014-03-28	22:00:00"	6.114	354	18.66	11.14	3.275	359.8	18.44	7.561	65.81	62.03	3.781	17.03	16.54	26.327	0		0	
"2014-03-28	23:00:00"	5.319	17.49	8.77	6.964	2.153	24.45	15.31	5.175	64.22	60.57	3.647	18.01	17.38	26.341	0		0	
"2014-03-29	00:00:00"	2.765	203.6	91.1	6.368	1.626	127.4	100.7	3.982	58.19	53.61	4.586	23.18	23.24	26.347	0		0	
"2014-03-29	01:00:00"	14.79	70.39	7.322	21.28	9.74	63.78	13.53	17.1	55.71	54.14	1.573	39.82	37.31	26.371	0		0	
"2014-03-29	02:00:00"	12.11	74.67	7.292	17.1	7.619	67.29	14.63	12.33	51.38	50.76	0.62	51.53	47.39	26.388	0		0	
"2014-03-29	03:00:00"	11.69	73.43	7.743	16.51	7.491	66.72	14.53	12.33	48.82	48.18	0.637	55.98	51.15	26.387	0		0	
"2014-03-29	04:00:00"	12.84	68.29	7.516	17.7	8.63	64.38	13.77	12.93	47.1	46.63	0.472	59.18	53.64	26.388	0		0	
"2014-03-29	05:00:00"	12.93	65.67	7.511	17.7	8.69	61.77	13.43	15.31	44.52	44.1	0.421	63.94	57.47	26.388	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-03-29	06:00:00"	12.7	64.43	7.727	17.1	8.54	61.56	13.7	14.12	42.82	42.41	0.414	67.32	60.27	26.396	0	0		
"2014-03-29	07:00:00"	12.25	57.69	9.45	18.89	7.871	53.64	14.27	13.52	41.85	41.45	0.398	69.37	61.98	26.412	0	0		
"2014-03-29	08:00:00"	10.7	50.73	9.93	15.91	6.13	44.71	13.95	11.14	40.91	40.54	0.374	70.95	63.22	26.436	4.2894	0		
"2014-03-29	09:00:00"	6.971	28.32	14.45	14.72	4.851	21.6	17	9.95	42.01	42.54	-0.525	68.51	60.44	26.474	118.05	0		
"2014-03-29	10:00:00"	8.17	55.12	22.61	11.74	5.528	49.85	25.31	10.54	47.79	48.88	-1.081	55.65	49.83	26.517	337.87	0		
"2014-03-29	11:00:00"	10.14	101.8	16.95	18.3	7.557	98.4	22.64	15.31	53.76	55.44	-1.681	40.39	36.5	26.565	555.24	0		
"2014-03-29	12:00:00"	11.72	125.6	14.82	17.7	8.46	124.7	21.53	15.31	58.04	60.15	-2.109	34.88	31.04	26.598	737.81	0		
"2014-03-29	13:00:00"	13.74	137.4	14.93	21.28	9.4	136.9	20.8	16.51	61.82	64.26	-2.447	32.15	28.3	26.605	849.94	0		
"2014-03-29	14:00:00"	13.45	158.3	17.84	23.66	9.27	159.4	21.87	20.09	64.96	67.34	-2.38	28.47	24.81	26.595	894.56	0		
"2014-03-29	15:00:00"	12.27	153.2	18.32	20.68	8.55	153.4	24.21	16.51	67.49	70	-2.5	26.45	22.98	26.571	873.51	0		
"2014-03-29	16:00:00"	12.85	151.1	16.18	23.07	8.9	150.8	21.06	17.7	69.1	71.55	-2.457	24.17	20.87	26.54	806.54	0		
"2014-03-29	17:00:00"	14.23	161.4	16.44	24.26	9.73	162.2	20.41	20.09	71.02	73.02	-1.998	21.49	18.55	26.502	691.85	0		
"2014-03-29	18:00:00"	14.52	164	15.88	24.26	9.61	165.2	19.6	18.3	71.71	73.49	-1.774	20.04	17.2	26.48	505.63	0		
"2014-03-29	19:00:00"	15.03	170.5	12.71	22.47	9.8	172.2	18.12	16.51	71.46	72.38	-0.92	19.97	17.56	26.467	277.48	0		
"2014-03-29	20:00:00"	13.62	166.2	10.1	21.28	8.43	166.7	15.28	16.51	69.85	69.75	0.096	21.59	19.78	26.448	83.066	0		
"2014-03-29	21:00:00"	8.54	163.8	9.75	12.33	4.302	161	16.37	8.16	64.88	63.16	1.722	26.12	25.24	26.427	1.8502	0		
"2014-03-29	22:00:00"	8.51	144	5.418	11.14	3.882	137.6	11.88	5.771	61.08	58.34	2.74	29.81	29.7	26.402	0	0		
"2014-03-29	23:00:00"	8.64	138.4	6.975	11.14	4.372	130.8	13.4	7.561	58.83	56.8	2.031	33.12	32.51	26.396	0	0		
"2014-03-30	00:00:00"	9.99	136.1	6.693	12.93	5.477	133.4	13.49	9.35	58.58	56.95	1.627	34.29	33.46	26.39	0	0		
"2014-03-30	01:00:00"	8.41	135.2	8.94	12.33	4.545	129	16.49	8.75	57.04	55.59	1.446	36.63	35.63	26.386	0	0		
"2014-03-30	02:00:00"	7.669	127.1	7.423	9.95	3.677	109.3	15.23	5.771	55.08	52.46	2.615	39.6	39.7	26.369	0	0		
"2014-03-30	03:00:00"	7.602	114.3	19.16	11.74	3.832	96.6	22.38	6.368	53.74	51.12	2.621	42.24	41.85	26.348	0	0		
"2014-03-30	04:00:00"	6.304	106.2	8.29	8.16	3.452	82.8	11.93	5.175	51.39	49.19	2.196	44.37	42.76	26.328	0	0		
"2014-03-30	05:00:00"	7.124	127.9	8.55	8.75	3.371	103.7	15.8	4.578	50.36	47.49	2.874	49.22	47.5	26.298	0	0		
"2014-03-30	06:00:00"	10.01	161.7	9.48	15.91	5.533	160.9	15.55	10.54	51.79	50.1	1.695	51.15	48.8	26.286	0	0		
"2014-03-30	07:00:00"	12.33	167.9	7.849	17.7	7.424	168.8	13.62	13.52	53.51	52.58	0.931	49.44	46.6	26.291	0	0		
"2014-03-30	08:00:00"	12.36	172.1	7.593	18.3	7.488	173.2	13.34	12.93	52.88	52.09	0.793	52.02	48.56	26.299	3.8211	0		
"2014-03-30	09:00:00"	12.01	176.4	8.74	20.68	7.766	179	14.43	15.31	54.26	54.41	-0.141	52.6	47.86	26.304	125.29	0		
"2014-03-30	10:00:00"	17.41	178.7	8.68	24.86	11.23	180.1	14.46	18.89	59.07	59.9	-0.833	46.99	42.85	26.328	345.3	0		
"2014-03-30	11:00:00"	17.82	178.8	10.16	24.86	11.73	180.2	15.01	19.49	63.5	64.91	-1.407	41.45	38.15	26.35	547.46	0		
"2014-03-30	12:00:00"	18.98	181.3	11.15	30.82	12.48	183.6	16.17	23.66	67.63	69.59	-1.957	36.22	33.32	26.355	711.31	0		
"2014-03-30	13:00:00"	19.22	186.8	11.6	30.22	12.92	189.4	16.5	21.87	70.98	72.91	-1.929	32.14	29.68	26.35	683.61	0		
"2014-03-30	14:00:00"	18.72	185.2	13.63	27.84	12.64	186.4	17.98	23.66	75.15	77.44	-2.293	27.58	25.34	26.329	853.53	0		
"2014-03-30	15:00:00"	18.85	190.8	13.96	29.63	12.95	192.7	17.83	23.66	77.99	80.5	-2.519	24.77	22.46	26.307	864.39	0		
"2014-03-30	16:00:00"	19.55	185.6	14.52	30.22	13.2	187.2	18.72	23.66	80.2	82.6	-2.386	23.03	20.92	26.275	787.51	0		
"2014-03-30	17:00:00"	19.18	182.7	12.93	33.8	12.65	182.9	17.83	23.66	80.8	82.5	-1.737	22.88	21.23	26.246	515.38	0		
"2014-03-30	18:00:00"	21.14	167.1	11.95	33.21	13.6	168.5	16.48	23.66	81	82.4	-1.426	23.06	21.66	26.219	434.96	0		
"2014-03-30	19:00:00"	22.54	162.5	9.48	32.61	14.41	163.3	14.79	24.86	79.29	79.8	-0.514	25.1	24.39	26.188	207.58	0		
"2014-03-30	20:00:00"	20.4	159.2	8.52	30.82	12.89	159.5	14.02	23.07	76.97	76.93	0.043	28.06	27.91	26.177	57.626	0		
"2014-03-30	21:00:00"	19.34	167.1	8.18	30.82	12.17	167.6	14.09	21.28	73.87	73.44	0.431	32.15	32.28	26.168	1.4015	0		
"2014-03-30	22:00:00"	17.63	173.3	8.34	27.24	10.99	174.3	13.71	20.68	71.03	70.51	0.514	35.53	35.55	26.17	0	0		
"2014-03-30	23:00:00"	19.51	171.5	8.28	29.63	12.25	172.8	13.98	21.28	68.72	68.25	0.474	38.99	38.72	26.166	0	0		
"2014-03-31	00:00:00"	16.63	176.7	8.71	24.86	10.43	178.1	14.45	18.3	66.75	66.24	0.513	41.92	41.17	26.166	0	0		
"2014-03-31	01:00:00"	14.5	182.9	8.58	23.66	9	184.5	14.17	16.51	65.25	64.67	0.582	46.12	44.75	26.163	0	0		
"2014-03-31	02:00:00"	12.28	184.5	8.31	18.3	7.693	186.3	13.63	14.72	63.69	62.99	0.706	49.95	48.16	26.156	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-03-31	03:00:00"	11.23	195.4	12.67	18.3	7.277	197.1	16.08	13.52	62.59	61.86	0.739	53.71	51.45	26.145	0	0		
"2014-03-31	04:00:00"	9.12	202.7	10.97	14.12	6.005	204	14.05	9.95	61.93	61.37	0.558	57.74	54.73	26.141	0	0		
"2014-03-31	05:00:00"	7.123	216.5	20.91	11.74	4.781	218.3	24.18	8.75	60.95	60.31	0.638	62.01	58.5	26.141	0	0		
"2014-03-31	06:00:00"	4.259	215.3	24.52	8.16	2.094	206.1	61.33	5.175	57.98	56.33	1.648	67.92	64.65	26.134	0	0		
"2014-03-31	07:00:00"	3.51	233.5	19.2	5.771	1.391	252	65.7	2.789	56.25	53.43	2.825	71.51	69.52	26.125	0	0		
"2014-03-31	08:00:00"	3.223	161.9	23.41	4.578	2.137	90	25.78	3.386	53.14	50.05	3.09	78.52	76.02	26.124	3.0806	0		
"2014-03-31	09:00:00"	3.572	234.7	38.35	8.75	2.852	258.4	76.75	6.964	54.58	54.72	-0.133	74.43	67.5	26.144	136.69	0		
"2014-03-31	10:00:00"	6.474	253.5	12.83	9.35	5.536	249.6	15.4	8.75	62.42	62.61	-0.191	50.34	47.82	26.207	357.41	0		
"2014-03-31	11:00:00"	9.22	304.3	44.5	21.87	7.588	304.7	47.91	17.7	71.62	72.08	-0.46	22.99	22.47	26.27	549.13	0		
"2014-03-31	12:00:00"	20.37	295.4	12.78	30.82	16.75	294.1	15.48	26.05	75.25	76.06	-0.806	9.57	7.441	26.302	730.13	0		
"2014-03-31	13:00:00"	17.02	291.3	14.98	29.03	14.07	288.6	18.65	24.26	76.6	77.8	-1.199	7.989	5.405	26.314	846.24	0		
"2014-03-31	14:00:00"	15.59	279.1	15.87	26.05	12.8	276.7	19.18	24.86	78.22	79.61	-1.38	8.27	5.649	26.31	896.95	0		
"2014-03-31	15:00:00"	17.43	259.7	16.7	32.01	14.25	256.4	19.46	27.84	80.1	81.4	-1.359	6.595	3.835	26.297	891.2	0		
"2014-03-31	16:00:00"	15.03	254.8	22.78	29.63	12.18	252.5	24.94	23.07	81.4	82.6	-1.221	6.657	3.865	26.282	822.9	0		
"2014-03-31	17:00:00"	14.04	232	23.01	27.84	10.76	229.5	22.67	21.87	82.7	83.8	-1.145	6.776	4.04	26.262	693.46	0		
"2014-03-31	18:00:00"	13.3	249.2	25	26.65	10.38	246.3	25.81	21.28	83	83.9	-0.881	5.088	2.398	26.251	508.47	0		
"2014-03-31	19:00:00"	14.4	266.9	12.98	22.47	11.41	263.3	15.6	18.89	81.9	82.1	-0.263	3.469	1.77	26.246	269.69	0		
"2014-03-31	20:00:00"	13.19	274.8	9.41	21.28	10.18	270.9	11.78	17.1	79.55	79.18	0.369	3.754	1.75	26.242	116.47	0		
"2014-03-31	21:00:00"	7.79	284.7	12.55	15.91	5.134	289.7	26.37	11.74	73.83	71.98	1.855	5.887	2.981	26.243	3.1204	0		
"2014-03-31	22:00:00"	5.448	236	23.95	9.95	3.099	222.2	25.08	6.368	68.23	64.96	3.27	9.49	6.833	26.228	0	0		
"2014-03-31	23:00:00"	6.491	244.5	21.39	12.33	3.329	249.3	35.06	8.16	65.05	61.54	3.509	11.52	9.31	26.225	0	0		
"2014-04-01	00:00:00"	6.547	299.2	17.17	10.54	3.739	321.1	23.57	6.964	64.68	60.77	3.906	11.92	10.46	26.218	0	0		
"2014-04-01	01:00:00"	4.644	336.1	13.93	7.561	1.746	18.01	23.93	3.982	63.81	59.03	4.781	12.25	10.91	26.196	0	0		
"2014-04-01	02:00:00"	4.77	270.8	58.77	11.14	2.779	112	101.3	7.561	62.38	56.1	6.285	13.29	13.38	26.183	0	0		
"2014-04-01	03:00:00"	2.936	314.1	19.39	5.175	1.027	46.32	48.84	2.193	59.57	52.2	7.366	14.89	17.74	26.168	0	0		
"2014-04-01	04:00:00"	3.823	320	4.975	5.175	1	44.23	38.25	1	62.61	52.24	10.37	13.47	17.92	26.152	0	0		
"2014-04-01	05:00:00"	5.514	268.3	59.94	22.47	2.111	229.2	53.11	14.72	57.03	49.56	7.47	18.12	19.03	26.155	0	0		
"2014-04-01	06:00:00"	3.155	190.7	49.1	6.368	1.046	299.6	70.68	2.789	53.09	48.66	4.431	20.43	19.79	26.153	0	0		
"2014-04-01	07:00:00"	3.032	160.8	14.59	4.578	1.914	81.1	17.53	3.386	53.29	49.91	3.375	20.41	18.96	26.159	0	0		
"2014-04-01	08:00:00"	3.27	224.3	31.11	4.578	1.565	310	92.3	3.386	54.72	49.9	4.821	20.13	19.71	26.17	4.6357	0		
"2014-04-01	09:00:00"	2.85	252.6	37.1	4.578	1	4.026	60.66	1	55.31	52.47	2.843	20.33	19.5	26.179	91.813	0		
"2014-04-01	10:00:00"	7.039	237.3	29.16	15.31	5.066	235.3	30.91	12.33	62.32	62.42	-0.093	27.51	24.34	26.222	308.73	0		
"2014-04-01	11:00:00"	9.48	207.8	10	14.72	7.066	209	13.14	11.74	69.44	70.31	-0.863	23.71	21.44	26.275	447.11	0		
"2014-04-01	12:00:00"	10.14	239	27.71	17.1	7.913	236.5	27.93	15.31	75.64	76.41	-0.773	11.71	9.39	26.3	525.45	0		
"2014-04-01	13:00:00"	9.63	257.7	25.72	18.3	7.64	252.6	28.63	15.31	78.37	79.2	-0.833	8.98	6.426	26.301	531.04	0		
"2014-04-01	14:00:00"	15.33	248.7	19.03	23.66	12.24	245.7	19.72	22.47	80.5	81.5	-1.028	7.849	5.123	26.282	686.06	0		
"2014-04-01	15:00:00"	18.5	241.7	13.25	29.03	14.82	238.5	13.91	23.66	80.3	81.1	-0.836	8.1	5.344	26.265	609.81	0		
"2014-04-01	16:00:00"	18.41	244.9	15.51	29.63	14.7	241.8	16.45	24.26	80.7	81.3	-0.637	7.663	4.917	26.239	530.59	0		
"2014-04-01	17:00:00"	14.56	243.7	16.37	26.65	11.88	241.2	17.06	21.87	82.7	83.3	-0.664	6.953	4.228	26.214	636.25	0		
"2014-04-01	18:00:00"	16.18	246.9	15.67	26.65	13.1	244	16.65	21.28	83.7	84.2	-0.551	5.662	2.856	26.2	463.35	0		
"2014-04-01	19:00:00"	17.21	252.3	9.9	28.43	13.96	250.3	12.34	26.05	82.8	82.8	-0.037	5.265	2.457	26.192	231.43	0		
"2014-04-01	20:00:00"	12.74	254.7	8.04	23.07	10.18	252	10.22	19.49	80.1	79.61	0.467	6.351	3.734	26.184	51.485	0		
"2014-04-01	21:00:00"	8.16	257.1	16.49	14.72	5.77	252.4	18.07	10.54	76.42	75.13	1.285	7.719	5.394	26.173	2.9838	0		
"2014-04-01	22:00:00"	5.789	271.9	11.98	9.95	3.453	264.9	17.96	8.16	73.89	71.86	2.032	9	6.941	26.161	0	0		
"2014-04-01	23:00:00"	5.205	179.1	42.47	8.16	2.488	137	43.49	3.982	71.87	67.15	4.714	10.4	10.18	26.149	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-02	00:00:00"	8.1	145.9	8.1	15.91	3.736	129.2	22.93	10.54	67.37	64.06	3.305	13.19	12.39	26.136	0	0		
"2014-04-02	01:00:00"	10.76	157.8	7.763	15.31	5.917	156.3	13.5	9.95	66.31	65.05	1.259	25.38	22.67	26.142	0	0		
"2014-04-02	02:00:00"	7.758	178.2	13.17	12.93	4.245	184.3	21.56	8.16	64.06	62.92	1.14	59.6	56.49	26.141	0	0		
"2014-04-02	03:00:00"	4.181	194.3	12.1	7.561	1.393	206	30.37	3.982	60.81	58.99	1.822	75.31	71.26	26.125	0	0		
"2014-04-02	04:00:00"	3.652	249.3	27.44	5.771	1.713	285.7	45.21	3.982	59.59	56.85	2.741	79.96	77.23	26.102	0	0		
"2014-04-02	05:00:00"	3.139	193.1	30.12	5.771	1	98.3	67.88	1	57.97	54.87	3.104	82.7	78.65	26.08	0	0		
"2014-04-02	06:00:00"	3.733	177.5	32.32	6.368	1.499	99.1	77.1	3.982	56.43	53.99	2.438	94.7	87	26.065	0	0		
"2014-04-02	07:00:00"	3.69	181.7	27.49	6.964	1.751	165.4	63.45	3.982	54.58	53.05	1.53	98.5	90.3	26.066	0	0		
"2014-04-02	08:00:00"	2.113	123.7	59.89	4.578	1.648	50.83	47.79	3.386	53.25	51.38	1.873	100	91.2	26.071	2.8767	0		
"2014-04-02	09:00:00"	2.722	133.2	35.38	5.175	1.677	80.5	49.69	3.982	53.79	51.82	1.971	100.1	91.6	26.08	110.85	0		
"2014-04-02	10:00:00"	7.305	188.7	15.05	11.74	5.14	190.7	18.59	9.35	60.62	61.04	-0.415	88.6	83.9	26.112	314.37	0		
"2014-04-02	11:00:00"	7.866	234.6	15.55	12.93	6.538	233	16.56	11.14	70.01	70.34	-0.332	45.42	44.91	26.158	547.63	0		
"2014-04-02	12:00:00"	11.63	246.3	21.3	23.66	9.2	243.9	22.76	18.3	76.03	76.99	-0.958	17.27	16.23	26.193	710.95	0		
"2014-04-02	13:00:00"	18.65	242.9	13.54	42.15	15.19	239.9	14.39	30.22	78.64	79.58	-0.943	10.93	9.01	26.19	856.69	0		
"2014-04-02	14:00:00"	20.1	241.6	13.66	34.4	16.29	239.6	15.04	27.84	79.81	80.8	-1.003	9.83	7.625	26.174	769.52	0		
"2014-04-02	15:00:00"	18.83	239.5	12.91	30.82	15.19	237.3	13.89	27.24	80.3	81.2	-0.919	8.81	6.412	26.16	703.78	0		
"2014-04-02	16:00:00"	19.39	244.7	13.45	33.8	15.82	241.9	14.74	28.43	82.1	83	-0.884	6.802	4.235	26.131	767.11	0		
"2014-04-02	17:00:00"	19.1	237.3	15.63	29.63	15.21	234.9	16.7	24.86	82.8	83.6	-0.783	5.686	2.955	26.106	591.39	0		
"2014-04-02	18:00:00"	19.5	238.5	18.04	32.01	15.23	235.8	18.85	26.05	83.6	84.3	-0.699	5.064	2.232	26.094	456.6	0		
"2014-04-02	19:00:00"	20.72	255.1	10.31	32.61	16.72	252.2	12.52	26.65	81.5	81.6	-0.046	5.427	2.645	26.089	217.89	0		
"2014-04-02	20:00:00"	13.47	248.3	8.36	26.65	10.9	244.4	9.45	20.68	78.61	78.26	0.349	7.273	4.746	26.08	44.151	0		
"2014-04-02	21:00:00"	7.534	220.2	10.08	11.74	4.231	215	12.37	8.75	74.92	72.9	2.018	9.13	7.364	26.058	1.879	0		
"2014-04-02	22:00:00"	8.01	220.6	21.41	12.33	4.108	219	27.03	8.75	72.3	69.02	3.275	10.17	8.85	26.037	0	0		
"2014-04-02	23:00:00"	6.459	245.5	7.319	8.16	2.833	246.7	13.51	3.982	66.73	63.09	3.632	13.62	12.39	26.036	0	0		
"2014-04-03	00:00:00"	7.609	232.9	5.833	11.14	3.969	231.7	9.05	6.964	65.22	62.18	3.037	13.93	12.23	26.026	0	0		
"2014-04-03	01:00:00"	6.46	237.6	8.3	9.35	3.115	232.1	12.97	5.771	64.71	61.69	3.011	13.59	11.73	26.028	0	0		
"2014-04-03	02:00:00"	7.959	245.7	16.24	12.93	4.82	242.2	17.66	10.54	63.2	60.7	2.502	14.32	11.98	26.027	0	0		
"2014-04-03	03:00:00"	6.88	241.6	22.07	12.33	3.956	219.4	42.72	8.75	59.75	57.49	2.264	16.65	14.11	26.028	0	0		
"2014-04-03	04:00:00"	4.734	193.9	26.8	7.561	2.304	135.5	47.43	3.982	57.41	53.37	4.035	17.56	16.02	26.008	0	0		
"2014-04-03	05:00:00"	3.659	218.7	47.23	6.368	2.068	263.7	84.6	3.982	56.24	53.14	3.109	18.42	16.22	26.002	0	0		
"2014-04-03	06:00:00"	8.61	201.6	8.22	13.52	4.285	201.5	14.4	8.75	56.01	52.48	3.524	23.62	21.7	25.998	0	0		
"2014-04-03	07:00:00"	10.52	216.6	10.68	19.49	6.363	214.7	13.73	15.91	56.73	54.73	1.998	26.7	24.77	26.004	0	0		
"2014-04-03	08:00:00"	10.18	230.5	9.71	14.12	6.803	227.7	11.2	11.14	59.26	57.6	1.657	26.39	24.7	26.034	7.3456	0		
"2014-04-03	09:00:00"	8.11	291.8	28.76	12.33	6.076	293.3	31.18	9.35	58.83	59.03	-0.199	26.26	23.16	26.074	151.28	0		
"2014-04-03	10:00:00"	12.3	298.4	12.79	23.07	9.88	298.8	14.9	20.09	64.46	64.95	-0.492	19.54	16.47	26.107	372.48	0		
"2014-04-03	11:00:00"	20.05	293.5	10.08	28.43	16.37	292.6	13.65	23.66	66.48	67.18	-0.702	16.93	13.63	26.14	577.91	0		
"2014-04-03	12:00:00"	20.92	286.3	10.61	30.82	16.91	285.1	14.1	26.05	67.39	68.57	-1.184	18.23	14.89	26.169	748.25	0		
"2014-04-03	13:00:00"	22.83	280.2	12.38	39.17	18.26	277.9	15.39	33.21	68.35	69.85	-1.5	17.42	13.97	26.185	864.65	0		
"2014-04-03	14:00:00"	23.44	271.7	13.65	39.17	18.95	269.5	16.28	33.8	68.86	70.46	-1.602	16.31	12.74	26.198	913.48	0		
"2014-04-03	15:00:00"	26.1	268.9	12.25	40.96	20.73	266.1	14.79	33.8	69.44	71.13	-1.69	14.11	10.4	26.198	909.78	0		
"2014-04-03	16:00:00"	29.48	264.1	14.04	49.91	23.35	261	16.07	41.56	70.62	71.91	-1.294	7.498	4.189	26.192	830.42	0		
"2014-04-03	17:00:00"	27.45	273.7	16.41	51.1	22.02	271.2	19.4	39.17	70.87	71.96	-1.082	3.678	1.764	26.185	733.85	0		
"2014-04-03	18:00:00"	20.56	301.6	9.93	33.21	16.84	302.2	11.88	29.63	69.52	70.39	-0.867	6.616	2.171	26.196	566.72	0		
"2014-04-03	19:00:00"	20.12	306.5	11.69	31.42	16.35	306.2	13.18	26.65	68.61	69.04	-0.428	6.494	1.964	26.21	356.79	0		
"2014-04-03	20:00:00"	18.59	322.8	9.14	27.84	15.05	322.3	10.47	24.26	66.48	66.36	0.119	6.923	2.283	26.231	133.78	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-03	21:00:00"	13.93	336.9	11.27	23.66	11.01	335.8	11.89	19.49	62.65	62.13	0.519	10.09	5.457	26.244	3.5306		0	
"2014-04-03	22:00:00"	10.73	357.5	12.83	15.31	7.568	355	13.97	12.33	58.83	58.22	0.61	13.87	9.3	26.257		0		0
"2014-04-03	23:00:00"	15.79	12.43	18.72	31.42	11.15	9.31	20.9	24.86	55.57	55.28	0.285	27.17	23.08	26.272		0		0
"2014-04-04	00:00:00"	19.74	26.32	9.61	30.82	13.42	22.91	11.71	26.05	51.6	51.58	0.02	46.16	42.05	26.293		0		0
"2014-04-04	01:00:00"	17.01	33.24	11.04	26.65	10.66	28.44	12.67	21.87	48.37	48.3	0.072	50.57	45.77	26.302		0		0
"2014-04-04	02:00:00"	15.8	32.77	9.76	26.65	9.7	27.85	11.02	19.49	45.68	45.6	0.076	49.86	44.77	26.296		0		0
"2014-04-04	03:00:00"	15.19	38.83	10.01	23.66	8.73	34.28	11.66	18.89	43.69	43.56	0.137	54.5	48.58	26.307		0		0
"2014-04-04	04:00:00"	14.21	43.79	9.45	20.09	8.15	38.03	11.7	16.51	41.52	41.36	0.156	60.05	53.26	26.312		0		0
"2014-04-04	05:00:00"	11.15	40.02	12.14	18.89	6.783	34.53	13.54	13.52	39.32	39.13	0.189	64.61	57.05	26.307		0		0
"2014-04-04	06:00:00"	9.09	37.63	11.06	16.51	5.43	33.17	12.51	12.33	37.67	37.47	0.197	68.21	60	26.303		0		0
"2014-04-04	07:00:00"	5.156	11.08	24.21	12.33	3.62	354.8	37.19	9.35	35.38	35.1	0.284	72.38	63.29	26.321		0		0
"2014-04-04	08:00:00"	4.687	312	14.07	6.964	2.834	305	23.14	4.578	32.88	31.79	1.088	76.22	66.9	26.323	9.2345		0	
"2014-04-04	09:00:00"	5.281	301.6	12.04	7.561	4.359	297.6	13.38	6.964	35.67	36.28	-0.606	70.62	60.82	26.35	128.04		0	
"2014-04-04	10:00:00"	4.309	330.2	39.12	8.16	3.718	328.5	43.56	6.964	42.09	42.8	-0.701	57.68	51.4	26.392	346.17		0	
"2014-04-04	11:00:00"	5.49	108.3	56.08	12.93	4.306	110.7	63.88	10.54	48.58	49.65	-1.065	40.98	37.41	26.436	566.42		0	
"2014-04-04	12:00:00"	5.976	97.2	39.65	12.33	4.687	88	51.7	11.14	52.46	53.79	-1.336	33.56	30.32	26.461	733.33		0	
"2014-04-04	13:00:00"	8.38	117.1	33.71	17.1	6.271	115.1	41.97	12.93	56.24	58.07	-1.826	25.69	21.86	26.464	875.18		0	
"2014-04-04	14:00:00"	9.06	128.7	25.89	17.1	6.861	125.4	32.02	14.72	58.95	60.94	-1.99	22.17	18.02	26.449	911.22		0	
"2014-04-04	15:00:00"	10.15	127.9	22.74	19.49	7.536	128.1	28.55	18.89	60.91	63.17	-2.262	19.69	15.39	26.424	872.44		0	
"2014-04-04	16:00:00"	11.57	146.2	22.85	25.45	8.23	147.4	28.91	17.7	62.62	64.65	-2.035	18.45	14.19	26.39	785.33		0	
"2014-04-04	17:00:00"	11.55	135.5	22.03	18.89	8.17	134.7	26.61	15.91	63.14	64.84	-1.699	17.74	13.66	26.365	490.57		0	
"2014-04-04	18:00:00"	12.04	142.3	15.25	20.09	8.2	141.9	20	16.51	63.16	64.55	-1.389	17.21	13.2	26.343	370.5		0	
"2014-04-04	19:00:00"	12.62	139.6	13.87	20.09	8.38	138	19.11	14.72	62.97	63.82	-0.853	17.52	13.74	26.328	223.24		0	
"2014-04-04	20:00:00"	12.99	140.4	9.6	20.09	8.41	139.7	15.14	14.12	61.71	61.75	-0.036	18.14	14.67	26.314	68.742		0	
"2014-04-04	21:00:00"	9.78	128.6	10.16	14.72	5.929	125.9	16.2	12.33	59.1	58.38	0.715	20.18	17.06	26.299	2.4263		0	
"2014-04-04	22:00:00"	8.09	90.7	10.86	11.14	4.597	86.3	14.78	7.561	56.01	54.81	1.193	22.3	19.25	26.282	0		0	
"2014-04-04	23:00:00"	8.66	96.3	11.28	11.74	5.636	93.4	16.41	8.75	54.69	54.11	0.573	24.35	20.89	26.278	0		0	
"2014-04-05	00:00:00"	10.27	115.8	8.89	15.91	6.781	112.7	14.49	11.14	55.31	54.81	0.498	23.99	20.61	26.274	0		0	
"2014-04-05	01:00:00"	11.64	122.5	7.762	17.1	7.589	120.2	13.58	12.93	55.2	54.78	0.415	24.64	21.23	26.267	0		0	
"2014-04-05	02:00:00"	14.32	123.9	7.763	22.47	9.26	122	13.68	18.3	55.39	55.08	0.305	25.54	22.15	26.253	0		0	
"2014-04-05	03:00:00"	16.04	128.2	10.37	24.26	10.3	126.3	15.6	18.3	55.16	54.91	0.247	26.03	22.6	26.244	0		0	
"2014-04-05	04:00:00"	11.73	111	8.83	19.49	8.15	108.6	14.5	15.91	54.01	53.72	0.29	27.94	24.49	26.226	0		0	
"2014-04-05	05:00:00"	12.57	113.5	7.361	18.89	8.49	111.1	13.83	14.72	52.87	52.51	0.363	30.61	27.28	26.197	0		0	
"2014-04-05	06:00:00"	11.46	112.9	8.4	16.51	7.871	109.9	14.07	13.52	52.18	51.83	0.357	33.45	30.2	26.175	0		0	
"2014-04-05	07:00:00"	12.67	118.6	8.95	20.09	8.43	115.3	15.17	15.91	52	51.57	0.431	36.13	33.15	26.17	0		0	
"2014-04-05	08:00:00"	16.43	128.4	7.637	25.45	10.49	126.7	13.99	18.89	51.56	51.18	0.378	38.62	35.76	26.161	3.2017		0	
"2014-04-05	09:00:00"	11.85	123.3	8.59	21.87	7.732	121.1	14.43	15.91	50.58	50.66	-0.079	39.67	36.19	26.17	103.66		0	
"2014-04-05	10:00:00"	17.47	136.2	10.58	27.24	11.43	135.2	16	20.68	54.13	55.3	-1.165	30.93	26.84	26.185	374.9		0	
"2014-04-05	11:00:00"	21.33	144.8	11.31	30.82	13.82	143.8	16.66	23.07	56.73	58.32	-1.59	26.93	22.57	26.207	570.41		0	
"2014-04-05	12:00:00"	22.17	149.5	11.2	33.21	14.44	148.9	16.08	26.05	60.18	62.15	-1.978	27.23	22.94	26.215	758.06		0	
"2014-04-05	13:00:00"	20.15	155.1	11.83	30.82	13.2	154.4	16.76	23.66	62.17	64.56	-2.388	29.63	25.3	26.216	875.95		0	
"2014-04-05	14:00:00"	20.53	161.3	11.79	30.82	13.38	162.1	16.86	22.47	64.29	66.87	-2.58	28.16	23.91	26.195	880.88		0	
"2014-04-05	15:00:00"	18.25	160.8	14.4	29.63	12.13	160.5	19.34	22.47	66.06	68.67	-2.612	26.68	22.63	26.173	870.45		0	
"2014-04-05	16:00:00"	16.73	162.3	16.21	27.24	11.29	162.5	20.9	20.68	68.03	70.46	-2.429	25.66	21.96	26.152	845.45		0	
"2014-04-05	17:00:00"	13.31	174.5	17.2	24.86	9.11	174.2	21.9	23.07	69.81	71.79	-1.981	24.63	21.4	26.134	678.91		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-05	18:00:00"	12.52	162.4	17.99	21.28	8.44	162.2	22.03	18.3	70.69	72.5	-1.814	24.33	21.36	26.123	517.99	0		
"2014-04-05	19:00:00"	13.51	157.2	15.24	23.07	8.92	157.1	19.12	16.51	70.11	71.24	-1.135	24.96	22.49	26.118	284.87	0		
"2014-04-05	20:00:00"	12.47	151.6	12.26	20.09	7.935	151.5	16.59	14.12	68.27	68.24	0.029	27.07	25.4	26.109	68.321	0.01		
"2014-04-05	21:00:00"	10.81	137.4	8.07	17.7	6.457	135.6	14.22	14.12	64.69	63.84	0.846	31.98	30.85	26.091	2.1131	0		
"2014-04-05	22:00:00"	12.76	141	8.31	20.68	8.07	140	13.97	15.31	62.41	61.74	0.671	36.53	35.32	26.093	0	0		
"2014-04-05	23:00:00"	11.72	144.8	8.13	19.49	7.213	142.9	13.76	14.12	59.83	59.14	0.69	41.69	39.99	26.107	0	0		
"2014-04-06	00:00:00"	10.09	148	15.11	17.7	6.197	149	21.45	12.93	57.95	57.3	0.65	44.67	42.43	26.116	0	0		
"2014-04-06	01:00:00"	6.79	182	23.41	12.33	3.932	183.4	31.55	8.75	56.66	55.79	0.877	46.78	44.41	26.117	0	0		
"2014-04-06	02:00:00"	5.661	162.3	15.98	10.54	3.164	161.6	21.93	6.964	55.9	55.26	0.637	48.92	45.91	26.118	0	0		
"2014-04-06	03:00:00"	4.963	143.7	48.13	11.14	2.831	125.3	66.15	9.35	54.18	53	1.176	52.02	49.07	26.111	0	0		
"2014-04-06	04:00:00"	2.37	145.9	53.96	4.578	1.667	101.8	79.24	3.982	53.46	50.99	2.474	53.62	51.96	26.093	0	0		
"2014-04-06	05:00:00"	2.904	181.3	77.93	17.1	1.885	6.864	62.05	12.33	51.2	48.16	3.038	57.76	54.39	26.072	0	0		
"2014-04-06	06:00:00"	8.92	48.92	10.28	16.51	5.322	44.99	14.46	11.74	47.72	47.39	0.329	58.82	53.42	26.075	0	0		
"2014-04-06	07:00:00"	8.92	59.97	10.44	14.72	5.918	56.1	15	12.33	44.56	44.46	0.108	60.26	53.88	26.067	0	0		
"2014-04-06	08:00:00"	8.09	65.58	12.89	14.12	5.438	60.19	16.52	11.74	43.64	43.5	0.141	60.53	54.06	26.061	3.8207	0		
"2014-04-06	09:00:00"	6.483	76.88	23.1	12.33	4.425	71.12	26.45	9.35	45.29	45.44	-0.149	57.09	51.08	26.064	93.053	0		
"2014-04-06	10:00:00"	3.822	122.1	57.67	7.561	3.081	118.6	64.44	6.368	52.32	52.69	-0.364	49.56	45.31	26.081	296.32	0		
"2014-04-06	11:00:00"	5.346	258.4	28.75	9.35	4.405	255.4	30.03	8.16	56.38	56.99	-0.614	52.74	47.62	26.118	360.73	0		
"2014-04-06	12:00:00"	7.047	296.1	30.75	14.12	5.907	293.8	35.63	12.33	59.53	60.41	-0.879	44	40.89	26.133	645.91	0		
"2014-04-06	13:00:00"	8.98	330.5	25.86	16.51	7.451	329.2	28.06	15.31	64.71	65.87	-1.16	29.55	27.81	26.146	879.69	0		
"2014-04-06	14:00:00"	10.05	336.9	32.4	20.68	8.16	335.7	34.42	19.49	67.5	68.71	-1.206	22.99	20.92	26.136	757.04	0		
"2014-04-06	15:00:00"	8.39	323.5	42.94	18.3	6.893	322.5	46.04	15.31	67.34	68.08	-0.747	21.49	19.26	26.109	459.54	0		
"2014-04-06	16:00:00"	12.24	36.23	63.94	21.28	8.45	29.7	63.74	18.3	67.12	68.51	-1.392	23.08	20.38	26.098	451.44	0		
"2014-04-06	17:00:00"	14.07	32.04	64.44	33.21	10.34	25.8	65.51	28.43	64.6	65.46	-0.86	26.11	23.45	26.094	173.79	0		
"2014-04-06	18:00:00"	15.64	273.4	15.77	30.22	12.55	269.1	18.64	25.45	63.43	63.93	-0.504	25.48	22.74	26.096	232.65	0		
"2014-04-06	19:00:00"	11.73	257	14.39	18.3	9.67	253.4	15.53	16.51	64.91	65.15	-0.244	22.15	19.53	26.089	229.89	0		
"2014-04-06	20:00:00"	14.28	304.5	22.35	24.26	11.66	303.2	23.85	21.28	64.73	64.71	0.025	21.12	18.43	26.099	101.44	0		
"2014-04-06	21:00:00"	7.719	321.2	10.04	13.52	5.527	320.6	10.67	11.14	61.06	60.4	0.663	28.18	26.1	26.101	4.1159	0		
"2014-04-06	22:00:00"	6.229	322.4	18.75	9.35	3.509	319	28.6	8.16	58.85	56.52	2.336	30.33	29.63	26.095	0	0		
"2014-04-06	23:00:00"	9.98	334.7	19.9	15.91	6.804	336.6	16.5	12.33	57.22	54.92	2.294	31.89	31.01	26.105	0	0		
"2014-04-07	00:00:00"	10.2	11.1	10.59	14.12	7.556	9.79	11.79	12.93	53.63	53.32	0.314	44.97	41.3	26.115	0	0		
"2014-04-07	01:00:00"	10.94	23.37	10.31	18.3	7.493	21.37	11.16	14.12	52.5	52.16	0.343	48.56	44.58	26.118	0	0		
"2014-04-07	02:00:00"	9.95	32.59	9.36	17.1	5.969	28.41	10.23	11.14	52.03	51.66	0.373	49.8	45.67	26.119	0	0		
"2014-04-07	03:00:00"	9.95	21.81	10.87	15.31	7.073	19	12.09	12.93	49.39	49.17	0.214	57.78	52.13	26.124	0	0		
"2014-04-07	04:00:00"	7.609	7.584	13	13.52	5.472	3.435	15.77	11.74	46.86	46.57	0.284	66.47	59.54	26.119	0	0		
"2014-04-07	05:00:00"	8.98	359.2	12.1	13.52	6.324	353.4	13.26	10.54	46.2	45.96	0.243	69.46	62.15	26.118	0	0		
"2014-04-07	06:00:00"	7.665	343.4	12.53	11.74	5.941	338.5	13.47	10.54	45.86	45.67	0.189	72.15	64.47	26.133	0	0		
"2014-04-07	07:00:00"	6.705	321.8	12.91	12.33	4.273	319.2	11.84	9.35	42.26	41.37	0.897	77.19	68.93	26.134	0	0		
"2014-04-07	08:00:00"	9.94	322.6	8.75	15.31	7.366	319.6	10.8	12.33	41.88	41.35	0.531	76.5	68.39	26.141	10.657	0		
"2014-04-07	09:00:00"	10.58	328.7	6.609	15.31	8.7	327.1	8.16	13.52	44.28	44.6	-0.321	70.38	62.4	26.172	109.02	0		
"2014-04-07	10:00:00"	13.52	350.9	15.58	21.28	9.67	342.5	17.74	16.51	50.89	51.57	-0.684	59.81	53.84	26.213	304.72	0		
"2014-04-07	11:00:00"	15.74	358.3	13.32	24.26	9.96	349.7	20.68	21.28	55.69	56.99	-1.308	48.92	44.42	26.264	386.42	0		
"2014-04-07	12:00:00"	17.99	14.24	13.42	30.82	11.92	11.3	19.48	24.86	58	59.13	-1.129	40.97	38.04	26.303	506.77	0		
"2014-04-07	13:00:00"	17.21	24.96	15.39	29.63	11.07	21.46	17.76	23.66	60.06	61.06	-1.004	33.32	30.88	26.324	583.45	0		
"2014-04-07	14:00:00"	17.08	24.56	20.52	28.43	10.81	21.43	21.41	24.26	62.26	63.82	-1.567	28.45	25.66	26.337	789.33	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-07	15:00:00"	15.63	358.5	23.83	34.4	11.6	356	25.75	28.43	63.9	65.7	-1.805	26.32	23.44	26.341	724.99	0		
"2014-04-07	16:00:00"	16.38	8.14	17.13	33.21	11.6	6.248	21.02	26.05	63.36	65.21	-1.85	27.95	24.95	26.35	711.01	0		
"2014-04-07	17:00:00"	15.77	358.6	24.89	33.21	11.61	355.4	26.53	27.24	58.46	59.18	-0.722	39.96	38.42	26.363	255.24	0		
"2014-04-07	18:00:00"	9.55	352.9	22.75	29.03	7.675	348.8	24.23	21.87	58.94	59.56	-0.613	39.51	39.37	26.349	340.76	0		
"2014-04-07	19:00:00"	7.847	308.2	50.13	14.72	6.261	303.5	51.42	13.52	60.17	60.46	-0.288	36.23	34.66	26.357	308.38	0		
"2014-04-07	20:00:00"	5.815	66.22	24.46	11.74	3.785	62.48	27.52	8.75	59.66	59.55	0.107	37.41	36.16	26.37	119.7	0		
"2014-04-07	21:00:00"	3.736	75.94	32.72	6.368	1.974	61.7	47.11	4.578	57.07	54.94	2.135	40.73	42.36	26.371	4.3266	0		
"2014-04-07	22:00:00"	5.906	68.99	21.73	15.31	3.402	74.48	41.38	9.95	53.35	51.32	2.035	44.17	44.36	26.376	0	0		
"2014-04-07	23:00:00"	8.17	65.11	10.36	12.93	4.943	64.92	17.54	9.95	51.45	49.52	1.928	45.16	44.28	26.38	0	0		
"2014-04-08	00:00:00"	7.484	53.29	12.21	12.33	4.27	53.43	18.86	7.561	49.69	48.52	1.17	47.98	45.19	26.39	0	0		
"2014-04-08	01:00:00"	6.786	38.65	8.98	11.14	3.474	33.48	11.5	6.368	48.26	47.4	0.864	49.03	45.5	26.401	0	0		
"2014-04-08	02:00:00"	6.093	32.31	6.971	9.35	3.047	34.09	11.14	7.561	47.3	45.94	1.357	50.3	47.12	26.419	0	0		
"2014-04-08	03:00:00"	4.742	334.8	37.85	8.75	3.444	325.3	42.74	7.561	44.4	42.36	2.034	56.24	52.72	26.428	0	0		
"2014-04-08	04:00:00"	6.659	0.912	11.51	11.14	4.146	355.6	12.9	8.16	43.14	42.16	0.976	58.83	53.55	26.419	0	0		
"2014-04-08	05:00:00"	9.68	12.06	9.14	13.52	6.832	8.03	10.48	11.74	45.04	44.33	0.702	55.65	50.68	26.428	0	0		
"2014-04-08	06:00:00"	8.5	17.3	9.98	12.33	6.125	13.79	10.92	9.95	44.09	43.48	0.606	55.63	50.5	26.436	0	0		
"2014-04-08	07:00:00"	7.09	17.54	9.21	11.14	5.03	11.57	12.27	8.75	43.84	42.83	1.011	53.49	49.37	26.439	0	0		
"2014-04-08	08:00:00"	3.801	14.78	44.62	8.75	1.868	32.39	96.6	5.771	41.85	39.08	2.767	56.18	53.65	26.444	11.655	0		
"2014-04-08	09:00:00"	3.018	339.2	46.75	5.175	2.12	331	61.23	3.982	44.31	44.98	-0.667	53.36	47.81	26.45	170.32	0		
"2014-04-08	10:00:00"	2.214	4.738	58.56	3.982	1.574	356.4	64.48	3.982	57.01	58.24	-1.228	32.8	30.36	26.5	395.16	0		
"2014-04-08	11:00:00"	4.07	280.7	67.29	10.54	3.37	278.2	67.12	10.54	62.07	62.67	-0.6	26.6	24.48	26.564	596.04	0		
"2014-04-08	12:00:00"	8.03	245.6	23.41	15.31	6.758	242.3	26.2	14.12	62.72	63.37	-0.649	27.55	24.88	26.596	775.69	0		
"2014-04-08	13:00:00"	8.43	239.2	34.23	18.3	6.993	239.6	36.18	15.91	65.29	66.24	-0.954	24.72	21.98	26.596	882.65	0		
"2014-04-08	14:00:00"	8.51	243.7	33.61	20.68	7.009	240	37.04	15.31	68.29	69.14	-0.841	21.71	19.23	26.586	924.96	0		
"2014-04-08	15:00:00"	9.54	248.5	30.44	17.1	7.884	247.2	33.03	15.91	70.07	71.34	-1.276	19.4	16.74	26.57	912.13	0		
"2014-04-08	16:00:00"	8.38	232.6	36.47	20.09	6.838	229	40.66	16.51	71.87	72.75	-0.874	17.82	15.42	26.553	842.19	0		
"2014-04-08	17:00:00"	7.783	227	35.68	17.1	6.318	223.6	40.88	14.12	72.86	73.63	-0.777	16.49	14.11	26.54	715.76	0		
"2014-04-08	18:00:00"	8.47	249	30.1	16.51	7.023	247.2	31.86	13.52	72.85	73.64	-0.788	15.84	13.4	26.526	544.68	0		
"2014-04-08	19:00:00"	5.724	249	30.69	12.33	4.701	245.8	30.53	11.14	73.56	73.45	0.109	15.05	13.04	26.517	336.74	0		
"2014-04-08	20:00:00"	7.041	224.8	20.25	17.7	5.371	222.7	20.7	12.33	72.15	71.79	0.356	15.41	13.36	26.506	125.21	0		
"2014-04-08	21:00:00"	6.237	181.9	16.46	9.35	2.696	167.6	23.9	3.982	67.24	64.25	2.993	18.38	17.67	26.491	4.4856	0		
"2014-04-08	22:00:00"	7.878	149	7.935	9.95	3.044	130.8	15.67	4.578	63.12	58.74	4.378	21.15	21.35	26.464	0	0		
"2014-04-08	23:00:00"	7.798	132.4	7.936	9.35	3.264	108.6	19.67	4.578	59.76	55.74	4.021	24.37	24.7	26.45	0	0		
"2014-04-09	00:00:00"	7.44	129.7	7.096	9.95	3.032	107	13.95	5.175	58.13	54.4	3.731	26	26.26	26.438	0	0		
"2014-04-09	01:00:00"	8.39	141.3	5.819	10.54	3.6	133	13.51	5.771	56.92	53.87	3.046	26.78	26.13	26.432	0	0		
"2014-04-09	02:00:00"	6.661	141.3	7.919	8.16	2.131	124.3	28.44	3.982	54.61	50.97	3.643	29.2	29.32	26.428	0	0		
"2014-04-09	03:00:00"	2.263	178	50.59	5.771	1.708	12.55	69.81	4.578	51.57	49.28	2.289	32.02	30.44	26.414	0	0		
"2014-04-09	04:00:00"	1.685	202.7	48.72	2.789	1.01	7.169	44.87	2.193	52.05	49.4	2.653	31.64	30.63	26.4	0	0		
"2014-04-09	05:00:00"	2.807	183.8	27.25	4.578	1	353.7	82.4	1	52.53	48.86	3.67	31.34	31.82	26.378	0	0		
"2014-04-09	06:00:00"	4.382	149.6	21.61	8.75	1.761	81.5	41.06	3.982	52.15	49.03	3.127	31.73	31.21	26.36	0	0		
"2014-04-09	07:00:00"	6.928	138.8	8.55	9.95	2.805	131.2	27.39	5.175	51.92	48.67	3.243	32.2	32.03	26.358	0	0		
"2014-04-09	08:00:00"	3.334	187.1	26.57	6.368	1.144	186.9	72.65	3.982	50.31	47.43	2.887	33.48	32.89	26.363	13.904	0		
"2014-04-09	09:00:00"	5.753	216.4	11.83	12.93	3.539	231.3	27.29	9.35	53.47	53.9	-0.429	30.59	26.96	26.377	177.5	0		
"2014-04-09	10:00:00"	9.66	210	10.48	15.31	7.236	211.3	13.22	12.33	60.72	61.51	-0.789	24.65	21.19	26.423	402.59	0		
"2014-04-09	11:00:00"	11.34	203.9	10.35	16.51	8.41	205.4	13.71	14.12	67.4	68.69	-1.288	18.59	15.39	26.465	597.92	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-09	12:00:00"	13.13	210.3	11.89	20.09	9.8	210.3	14.1	17.1	73.81	75.37	-1.564	12.7	9.93	26.494	754.45	0		
"2014-04-09	13:00:00"	13.62	213.8	12.79	20.68	10.31	213.3	14.93	17.7	78.63	80.3	-1.684	8.75	5.988	26.499	859.48	0		
"2014-04-09	14:00:00"	13.54	219.2	17.28	26.65	10.37	218.6	18.01	19.49	81.6	83.2	-1.562	7.231	4.491	26.486	909.57	0		
"2014-04-09	15:00:00"	16.01	217.9	16.55	26.65	12.15	217.6	17.51	23.66	84.7	86.6	-1.829	4.581	1.943	26.465	902.99	0		
"2014-04-09	16:00:00"	15.78	235.3	19.17	31.42	12.53	232.7	19.55	26.05	86.2	87.4	-1.253	3.915	1.805	26.435	837.64	0		
"2014-04-09	17:00:00"	15.91	233.2	16.72	27.84	12.44	230.7	17.81	24.86	87.2	88.3	-1.029	3.299	1.834	26.401	713.86	0		
"2014-04-09	18:00:00"	13.05	230.1	18.83	26.05	10.25	226.6	19.5	20.68	88	88.6	-0.611	2.789	1.834	26.378	541.23	0		
"2014-04-09	19:00:00"	16	243.9	13.16	23.66	12.89	241	14.62	20.68	87.3	87.4	-0.096	2.371	1.81	26.362	337.77	0		
"2014-04-09	20:00:00"	13.63	246.1	9.85	23.07	11	242.8	11.33	18.89	85.3	84.8	0.497	2.226	1.766	26.352	125.86	0		
"2014-04-09	21:00:00"	6.866	236.6	22.48	12.93	3.691	230.4	42.78	9.35	78.24	75.61	2.63	4.306	2.301	26.337	3.741	0		
"2014-04-09	22:00:00"	3.865	200.8	16.1	5.771	1.46	132.2	43.21	3.386	72.08	67.56	4.516	6.741	4.814	26.308	0	0		
"2014-04-09	23:00:00"	4.645	157.8	13.76	14.12	2.55	101	30.58	8.16	69.13	66.14	2.987	8.43	5.707	26.301	0	0		
"2014-04-10	00:00:00"	10.27	163	10.17	17.1	5.782	162.9	16.39	10.54	67.75	66.05	1.697	15.48	12.86	26.306	0	0		
"2014-04-10	01:00:00"	14.21	170.5	9.17	20.09	8.5	170.6	15.08	14.12	67.81	66.74	1.069	20.1	18.11	26.302	0	0		
"2014-04-10	02:00:00"	10.26	183.3	9.23	17.1	6.109	186	14.78	12.93	65.08	63.86	1.219	23.06	21.18	26.299	0	0		
"2014-04-10	03:00:00"	10.79	180.4	7.82	15.91	6.036	182.5	13.65	10.54	62.11	60.78	1.324	26.02	24.17	26.272	0	0		
"2014-04-10	04:00:00"	7.968	199.6	9.52	11.14	4.495	203.6	12.55	8.16	59.36	57.51	1.845	28.82	27.36	26.244	0	0		
"2014-04-10	05:00:00"	7.288	209.1	8.38	10.54	4.199	214.7	12.08	7.561	57.11	55.36	1.75	31.84	30.23	26.218	0	0		
"2014-04-10	06:00:00"	5.449	214.9	10.53	8.16	2.513	226.8	16.95	4.578	53.92	51.39	2.525	35.68	34.55	26.2	0	0		
"2014-04-10	07:00:00"	4.168	235.3	11.46	5.771	1.613	263	29.76	2.789	52.66	50.33	2.329	37.24	36.19	26.196	0	0		
"2014-04-10	08:00:00"	4.798	260.2	8.29	6.368	1.832	280.7	29.13	3.982	52.2	49.32	2.88	39.29	38.86	26.203	15.118	0		
"2014-04-10	09:00:00"	5.135	253.2	16.06	9.95	3.546	250.7	24.58	8.16	54.99	55.64	-0.648	36.77	33.02	26.231	185.05	0		
"2014-04-10	10:00:00"	9.33	229.2	8.43	12.93	7.555	227	10.28	11.74	62.74	63.17	-0.426	28.05	25.35	26.275	432.13	0		
"2014-04-10	11:00:00"	9.11	253.9	12.3	13.52	7.772	249.7	14.58	11.74	72.01	72.21	-0.202	16.93	15.02	26.325	461.72	0		
"2014-04-10	12:00:00"	12.79	295.6	14.9	20.68	10.51	294.3	17.89	18.89	80.1	80.5	-0.429	5.613	3.129	26.368	517.18	0		
"2014-04-10	13:00:00"	11.71	307.1	13.99	18.89	9.81	305.7	16.63	17.7	83.5	84.1	-0.616	3.496	1.781	26.386	648.81	0		
"2014-04-10	14:00:00"	14.2	312.5	13.41	21.28	11.84	311.8	15.3	19.49	85.6	86.3	-0.703	2.166	1.797	26.385	638.74	0		
"2014-04-10	15:00:00"	13.21	305.2	20.4	23.66	10.83	303.6	23.16	21.87	87.8	89	-1.208	0.609	1.833	26.378	850.93	0		
"2014-04-10	16:00:00"	13.64	285	19.34	25.45	11.24	283.3	22.54	22.47	87.3	88.4	-1.065	0.422	1.834	26.366	659.62	0		
"2014-04-10	17:00:00"	14.86	286.7	15.15	26.05	11.99	284.9	18.02	21.28	86.5	87.3	-0.797	0.419	1.818	26.344	431.89	0		
"2014-04-10	18:00:00"	11	274.8	22.61	21.28	8.92	272.1	25.89	19.49	86.8	87.3	-0.461	0.734	1.794	26.322	396.69	0		
"2014-04-10	19:00:00"	8.78	263.3	26.52	20.09	7.07	258.5	27.06	16.51	87.6	87.5	0.075	0.607	1.798	26.307	305.9	0		
"2014-04-10	20:00:00"	10.76	244.3	10.55	17.7	8.47	241.5	11.69	14.72	85.7	85.1	0.593	2.549	1.766	26.304	132.29	0		
"2014-04-10	21:00:00"	6.203	233.1	10.52	10.54	2.659	234.7	18.55	6.964	78.71	75.6	3.105	4.478	2.519	26.292	5.2613	0		
"2014-04-10	22:00:00"	3.148	222.6	16.64	6.368	1.256	333.8	93.3	2.789	71.59	67.88	3.71	7.048	4.831	26.268	0	0		
"2014-04-10	23:00:00"	1.265	191.7	5.661	3.386	1.785	64.44	10.1	3.386	67.52	64.63	2.888	8.77	7.356	26.26	0	0		
"2014-04-11	00:00:00"	2.397	197.4	22.19	4.578	1.406	73.21	27.89	3.386	67.73	61.65	6.076	8.22	8.34	26.243	0	0		
"2014-04-11	01:00:00"	2.785	198.7	8.51	4.578	2.183	78.25	23.33	3.386	65.1	59.65	5.455	9.46	8.04	26.224	0	0		
"2014-04-11	02:00:00"	1.807	198	61.29	3.386	1.579	43.42	45.68	3.386	62.77	57.49	5.281	10.69	10.34	26.213	0	0		
"2014-04-11	03:00:00"	2.367	279.5	23.29	4.578	1.291	42.25	55.83	2.789	61.49	53.65	7.841	11.05	12.8	26.196	0	0		
"2014-04-11	04:00:00"	3.878	190	31.65	11.74	1.797	98.7	60.79	6.368	59.7	53.11	6.59	11.49	11.62	26.185	0	0		
"2014-04-11	05:00:00"	3.317	187.2	26.4	6.368	1.406	90.7	56.22	3.982	55.65	51.05	4.594	13.68	12	26.178	0	0		
"2014-04-11	06:00:00"	3.978	206.5	18.67	8.16	1.644	228.9	68.83	4.578	55.04	51.83	3.21	13.7	10.79	26.177	0	0		
"2014-04-11	07:00:00"	3.931	4.685	43.48	10.54	2.478	18.48	52.59	8.16	55.33	51.58	3.756	13.28	11.23	26.198	0	0		
"2014-04-11	08:00:00"	3.265	289.9	50.54	8.16	2.196	208.9	95.3	5.175	52.47	46.16	6.313	16.56	16.05	26.2	11.089	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-11	09:00:00"	4.928	281.8	34.6	11.14	3.127	286.1	42.63	8.16	51.33	51.62	-0.288	19.54	14.89	26.214	214.94		0	
"2014-04-11	10:00:00"	7.625	304.9	10.56	12.33	5.298	306.8	28.3	9.35	63.58	64.36	-0.776	12.07	7.871	26.274	344.16		0	
"2014-04-11	11:00:00"	6.808	311.4	16.56	11.74	4.652	314.4	27.8	8.16	71.88	73	-1.12	7.635	4.014	26.331	485.47		0	
"2014-04-11	12:00:00"	6.871	9.7	30.32	13.52	5.064	6.1	30.45	10.54	78.98	79.79	-0.815	5.893	2.953	26.381	582.7		0	
"2014-04-11	13:00:00"	7.857	44.53	22.31	12.93	5.359	38.81	24.62	9.95	80.7	82.1	-1.443	8.16	5.606	26.395	637.38		0	
"2014-04-11	14:00:00"	8.49	51.24	18.35	14.12	5.652	44.91	21.04	11.74	81.1	83.1	-1.948	10.24	7.833	26.393	736.75		0	
"2014-04-11	15:00:00"	6.978	65.24	28.59	13.52	4.997	58.09	33.95	11.14	82.6	84.2	-1.572	12.44	10.56	26.378	620.16		0	
"2014-04-11	16:00:00"	5.428	91.6	48.27	11.74	3.948	84.5	56.52	8.75	84.9	85.9	-1.049	10.3	8.42	26.359	499.71		0	
"2014-04-11	17:00:00"	5.192	161	55.09	11.14	4.055	160.7	63.9	9.35	86.3	86.9	-0.591	7.15	4.869	26.342	437.86		0	
"2014-04-11	18:00:00"	7.079	157.2	24.64	14.12	4.991	158	29.07	10.54	86.4	87.1	-0.779	5.462	2.906	26.326	394.86		0	
"2014-04-11	19:00:00"	9.18	158.9	23.9	16.51	6.126	158.5	27.77	12.33	86.3	86.9	-0.616	4.013	1.901	26.312	239.83		0	
"2014-04-11	20:00:00"	13.98	213.2	31.98	30.22	9.9	213	30.99	24.86	84.4	84.2	0.255	4.031	1.816	26.304	55.895		0	
"2014-04-11	21:00:00"	7.805	282.9	31.57	17.1	5.384	289	41.76	12.93	82.4	80.8	1.664	4.213	2.189	26.292	3.2936		0	
"2014-04-11	22:00:00"	4.661	187.1	22.61	6.964	1.911	131	42.34	4.578	77.58	72.09	5.489	5.743	4.981	26.271	0		0	
"2014-04-11	23:00:00"	6.122	155.1	9.3	7.561	2.521	106.1	14.27	3.982	72.4	67.31	5.091	8.15	7.087	26.25	0		0	
"2014-04-12	00:00:00"	6.862	147.1	10.42	8.75	2.724	98.2	14.9	4.578	72.11	64.48	7.63	8.89	9.26	26.226	0		0	
"2014-04-12	01:00:00"	7.65	158	11.07	9.95	2.852	139.1	17.78	4.578	69.28	63.44	5.841	9.74	9.12	26.213	0		0	
"2014-04-12	02:00:00"	6.667	166.3	26.89	14.12	2.952	146.2	51.28	8.16	62.32	58.94	3.383	13.74	11.46	26.199	0		0	
"2014-04-12	03:00:00"	4.28	148.7	27.24	13.52	1.894	90.4	48.43	6.368	59.85	56.98	2.877	15.01	12.4	26.175	0		0	
"2014-04-12	04:00:00"	4.992	193.4	25.49	12.33	1.701	156.2	69.13	6.368	59.46	55.69	3.776	15.89	13.8	26.163	0		0	
"2014-04-12	05:00:00"	3.187	197.8	13.62	5.771	1.003	272.2	72.33	1.596	57.44	54.23	3.211	29.54	24.87	26.151	0		0	
"2014-04-12	06:00:00"	1.912	197.9	14.4	3.982	1	103.4	77.1	1	56.85	54.51	2.337	48.85	44.92	26.14	0		0	
"2014-04-12	07:00:00"	2.057	222.3	31.31	3.386	1	7.392	58.56	1	56.37	53.71	2.654	50.69	47.72	26.136	0		0	
"2014-04-12	08:00:00"	3.284	191.4	10.88	5.175	1	129	45.42	1	55.52	52.91	2.619	58.32	55.54	26.142	11.341		0	
"2014-04-12	09:00:00"	4.197	223.8	13.31	7.561	1.554	232	34.71	4.578	56.39	54.79	1.599	58.39	54.57	26.159	74.487		0	
"2014-04-12	10:00:00"	6.735	216.4	13.31	10.54	5.262	217.8	15.16	8.75	63.55	64.01	-0.455	46.02	43.15	26.19	363.91		0	
"2014-04-12	11:00:00"	9.12	215.6	14.42	14.12	7.139	216.1	15.62	11.74	74.27	75.1	-0.831	25.54	24.33	26.246	582.74		0	
"2014-04-12	12:00:00"	10.49	230.5	14.38	19.49	8.38	228.7	14.83	14.72	80.3	81.1	-0.752	16.82	15.46	26.283	637.86		0	
"2014-04-12	13:00:00"	14.96	251.6	12.62	24.26	12.41	248.9	14.56	21.28	83.9	84.5	-0.661	9.84	8.09	26.286	623.39		0	
"2014-04-12	14:00:00"	13.82	243.6	15.37	26.05	11.23	241.3	17.64	20.68	85	85.8	-0.836	8.6	6.514	26.259	669.95		0	
"2014-04-12	15:00:00"	16.07	232	10.61	26.65	12.78	229.8	11.8	23.07	84.9	85.8	-0.88	8.98	6.779	26.232	562.24		0	
"2014-04-12	16:00:00"	20.03	237.5	9.78	28.43	16.11	234.7	11.1	24.26	83.4	83.9	-0.467	11.49	9.65	26.21	371.14		0	
"2014-04-12	17:00:00"	18.7	221.8	10.13	27.24	13.59	220.5	12.15	23.66	83	83.4	-0.441	10.74	8.77	26.181	222.6		0	
"2014-04-12	18:00:00"	15.24	215.3	9.73	26.65	10.75	214.8	12.28	20.09	82.7	82.8	-0.138	12.27	10.65	26.153	134.01		0	
"2014-04-12	19:00:00"	12.14	209	12.94	24.26	8.42	208.5	15.12	20.09	82.6	82.5	0.075	12.18	10.66	26.136	91.234		0	
"2014-04-12	20:00:00"	20.56	232.4	10.32	38.57	15.52	230.1	11.09	29.63	82.6	82.3	0.325	13.12	11.82	26.128	28.916		0	
"2014-04-12	21:00:00"	26.91	227.3	14.02	49.31	19.97	225.3	14.16	40.96	79.56	79.31	0.249	18.2	17.18	26.143	1.1027		0	
"2014-04-12	22:00:00"	28.22	207.4	9.01	43.94	19.08	208.2	12.34	34.4	74.36	74.25	0.112	29.24	28.69	26.146	0		0	
"2014-04-12	23:00:00"	21.11	210.9	8.92	32.01	14.39	211.1	11.69	24.26	73.62	73.39	0.234	31.97	31.89	26.143	0		0	
"2014-04-13	00:00:00"	15.4	215.3	8.58	30.22	10.39	214.2	11.48	22.47	73.24	72.86	0.377	29.68	29.45	26.132	0		0	
"2014-04-13	01:00:00"	16.14	223.1	8.19	24.26	11.57	221.6	10.3	19.49	71.9	71.53	0.373	31.92	31.62	26.126	0		0	
"2014-04-13	02:00:00"	14.32	220	7.458	22.47	9.92	218.7	10.12	18.3	70.68	70.26	0.421	34	33.71	26.118	0		0	
"2014-04-13	03:00:00"	11.32	209.9	6.556	15.31	7.398	209.5	10.75	11.74	68.62	68.08	0.543	36.63	36.3	26.102	0		0	
"2014-04-13	04:00:00"	9.83	216.8	8.38	15.31	6.504	215.3	11.26	10.54	67.41	66.85	0.553	37.81	37.43	26.092	0		0	
"2014-04-13	05:00:00"	10.82	227.4	7.915	15.91	7.783	225.7	9.24	12.33	67	66.47	0.533	37.88	37.47	26.078	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-13	06:00:00"	11.94	237.5	7.646	18.3	9.19	234.9	8.34	13.52	67.73	67.24	0.485	35.68	35.24	26.071	0	0		
"2014-04-13	07:00:00"	8.39	230.4	9.56	13.52	5.56	228.6	10.97	10.54	64.7	63.69	1.009	38.03	37.65	26.07	0	0		
"2014-04-13	08:00:00"	7.231	224.6	10.6	11.14	4.242	224.5	12.72	7.561	59.88	58.51	1.365	46.61	44.96	26.056	15.414	0		
"2014-04-13	09:00:00"	7.77	234.6	9.44	15.91	6.002	232.3	10.53	14.72	61.9	62.38	-0.482	44.3	41.18	26.06	192.6	0		
"2014-04-13	10:00:00"	15.55	251.3	11.75	27.24	12.68	248.1	13.79	24.26	70.02	70.31	-0.282	27.76	26.59	26.093	416.17	0		
"2014-04-13	11:00:00"	22.07	266.7	14.24	33.8	17.73	263.7	17.04	27.84	74.41	75.05	-0.633	14.52	12.61	26.127	609.45	0		
"2014-04-13	12:00:00"	22.08	260.9	14.17	34.4	17.82	257	15.88	27.84	75.65	76.66	-1.01	11.79	9.43	26.144	774.78	0		
"2014-04-13	13:00:00"	22.1	267.2	13.63	35	17.48	263.7	15.95	32.61	77.04	78.51	-1.475	9.25	6.502	26.145	882.58	0		
"2014-04-13	14:00:00"	19.39	276.9	15.76	35	15.67	273.9	18.8	32.01	78.62	80.2	-1.569	8.02	5.148	26.135	930.39	0		
"2014-04-13	15:00:00"	17.35	280.7	18.88	39.77	14.27	278.4	22.05	29.63	80.1	81.6	-1.537	7.752	4.91	26.124	921.36	0		
"2014-04-13	16:00:00"	16.27	269.7	21.57	27.24	13.3	266	24.01	23.07	81.2	82.6	-1.414	7.481	4.689	26.114	854.63	0		
"2014-04-13	17:00:00"	16.14	253	17.34	24.86	13.11	248.8	19.41	21.87	81.7	82.8	-1.061	6.648	3.796	26.094	733.91	0		
"2014-04-13	18:00:00"	15.22	257	16.08	26.05	12.38	254.2	17.45	21.87	82.2	83	-0.814	6.556	3.697	26.079	561.43	0		
"2014-04-13	19:00:00"	16.02	251.8	12.64	26.65	13.05	248.7	14.64	23.07	81.9	82	-0.193	6.297	3.486	26.07	355.88	0		
"2014-04-13	20:00:00"	15.14	256.6	9.58	27.24	12.06	253.9	12.04	22.47	80.6	80.4	0.173	6.167	3.382	26.067	144.27	0		
"2014-04-13	21:00:00"	9.48	240.1	12.7	17.7	6.537	237.4	12.86	15.31	75.35	74.07	1.286	7.642	5.049	26.06	6.7184	0		
"2014-04-13	22:00:00"	8.56	214.6	11.27	13.52	4.724	212.9	14.02	7.561	70.35	68.14	2.211	9.91	7.344	26.044	0	0		
"2014-04-13	23:00:00"	8.31	211.2	8.55	12.93	4.347	210.9	12.36	7.561	67.03	64.44	2.589	11.64	9	26.044	0	0		
"2014-04-14	00:00:00"	5.105	222.6	12.13	9.95	1.936	232.5	33.5	6.368	64.56	61.11	3.45	13.28	11.14	26.046	0	0		
"2014-04-14	01:00:00"	16.17	352.2	61.94	42.15	9.77	18.24	23.2	31.42	58.95	56.77	2.177	29.74	26.67	26.076	0	0		
"2014-04-14	02:00:00"	29.02	34.34	10.77	45.13	16.97	29.04	11.97	35	45.59	45.75	-0.163	59.45	52.84	26.133	0	0		
"2014-04-14	03:00:00"	27.17	28.13	9.95	45.13	17.48	23.27	12.07	36.19	40.89	41.05	-0.158	64.89	57.13	26.157	0	0		
"2014-04-14	04:00:00"	27.8	23.14	9.14	42.75	19.97	18.27	12.03	39.17	38.99	39.16	-0.169	67.26	58.99	26.168	0	0		
"2014-04-14	05:00:00"	24.93	25.85	10.73	39.17	17.47	20.83	12.37	32.01	37.07	37.22	-0.146	67.8	59.24	26.188	0	0		
"2014-04-14	06:00:00"	22.29	25.39	9.95	34.4	15.59	20.17	12.79	30.82	35.51	35.65	-0.134	67.55	58.81	26.214	0	0		
"2014-04-14	07:00:00"	21.31	17.06	12.33	33.8	15.69	12.82	14.21	29.63	33.31	33.51	-0.198	66.66	57.58	26.253	0	0		
"2014-04-14	08:00:00"	17.09	9.02	12.7	28.43	12.03	4.559	15.71	23.07	31.39	31.75	-0.359	69.23	59.2	26.307	17.923	0		
"2014-04-14	09:00:00"	18.35	13.57	12.23	29.63	13.51	10.78	14.56	25.45	32.93	33.53	-0.596	64.22	54.95	26.343	108.5	0		
"2014-04-14	10:00:00"	20.83	13.21	12.46	32.61	15.36	9.34	15.55	27.24	34.65	35.35	-0.694	60.67	51.94	26.385	227.89	0		
"2014-04-14	11:00:00"	20.71	11.79	13.47	29.03	14.7	8.32	18.04	26.05	35.39	36.33	-0.939	60.03	51.15	26.418	344.39	0		
"2014-04-14	12:00:00"	20.19	10.71	15.07	33.21	14.79	6.158	19.14	30.22	39.74	41.29	-1.543	48.86	41.78	26.445	755.35	0		
"2014-04-14	13:00:00"	19.94	13.12	16.01	31.42	14.39	9.16	17.72	29.03	42.56	44.29	-1.733	43.05	36.98	26.464	907.79	0		
"2014-04-14	14:00:00"	19.94	6.793	14.84	31.42	14.72	3.671	18.77	26.65	44.41	46.49	-2.084	40.87	34.93	26.475	950.17	0		
"2014-04-14	15:00:00"	18.19	6.835	16.83	29.63	13.49	3.324	19.4	24.86	46.45	48.48	-2.027	38.18	32.86	26.481	966.8	0		
"2014-04-14	16:00:00"	19.26	3.236	18.23	31.42	14.34	359.2	20.85	26.65	47.98	49.99	-2.004	34.23	28.97	26.484	903.96	0		
"2014-04-14	17:00:00"	19.11	4.711	17.7	30.82	14.4	358.9	20.51	26.05	48.95	50.75	-1.806	32.56	27.41	26.482	769.54	0		
"2014-04-14	18:00:00"	18.42	9.95	15.66	29.63	13.31	6.008	19.52	24.26	49.11	50.56	-1.449	32.31	27.34	26.479	587.91	0		
"2014-04-14	19:00:00"	16.81	5.013	15.86	27.24	12.32	1.473	19.09	24.86	48.86	49.87	-1.009	32.39	27.67	26.479	370.6	0		
"2014-04-14	20:00:00"	15.27	9.9	12.91	21.87	11.3	6.263	16.41	20.68	47.72	48.28	-0.567	32.87	28.38	26.479	146.42	0		
"2014-04-14	21:00:00"	11.25	13.1	10.66	19.49	8.45	9.55	12.74	16.51	45.46	45.56	-0.1	34.36	29.94	26.476	7.9091	0		
"2014-04-14	22:00:00"	8.51	18.16	10.93	13.52	6.503	14.11	11.78	11.14	42.95	42.87	0.077	37.05	32.56	26.481	0	0		
"2014-04-14	23:00:00"	6.639	36.67	9.08	12.33	3.89	32.24	11.5	10.54	40.92	40.43	0.486	39.47	35.08	26.494	0	0		
"2014-04-15	00:00:00"	5.177	45.25	11.24	7.561	2.854	44.23	14.12	5.771	39.72	38.44	1.28	41.05	37.1	26.488	0	0		
"2014-04-15	01:00:00"	8.04	50.33	9.18	11.74	4.685	46.71	13.57	8.16	38.79	37.91	0.884	42.02	37.57	26.464	0	0		
"2014-04-15	02:00:00"	5.292	65.35	14.6	9.95	2.83	67.16	26.15	5.771	36.07	34.32	1.747	45.71	41.09	26.459	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-15	03:00:00"	4.253	84.6	30.31	6.368	2.324	71.24	56.13	5.175	33.88	31.06	2.818	48.6	44.44	26.43	0	0		
"2014-04-15	04:00:00"	3.989	90.6	44.02	11.74	2.24	53	60.64	9.35	33.46	30.05	3.406	49.35	45.53	26.416	0	0		
"2014-04-15	05:00:00"	4.485	301.7	22.13	8.75	2.289	281.6	58.32	6.964	31.86	28.72	3.14	52.57	48.14	26.422	0	0		
"2014-04-15	06:00:00"	2.104	18.42	33.89	3.982	2.139	75.64	20.37	3.982	32	27.9	4.096	52.21	47.91	26.404	0	0		
"2014-04-15	07:00:00"	2.92	70.38	17.69	4.578	1.731	64.04	47.04	3.982	32.91	27.7	5.208	50.89	47.81	26.39	0	0		
"2014-04-15	08:00:00"	3.625	109	10.28	4.578	2.453	72.11	15.74	3.386	33.67	30.18	3.485	50.26	47.02	26.389	25.657	0		
"2014-04-15	09:00:00"	6.342	169.5	14.09	15.91	4.099	171.4	23.09	11.14	36.95	38.4	-1.452	44.95	37.27	26.419	210.95	0		
"2014-04-15	10:00:00"	10.91	175	12.69	15.31	7.445	176.3	17.87	13.52	42.34	43.84	-1.5	37.38	31.4	26.456	438.63	0		
"2014-04-15	11:00:00"	11.33	184.9	13.71	17.7	7.946	186.4	18.59	14.12	47.07	48.71	-1.645	30.92	25.26	26.486	647.61	0		
"2014-04-15	12:00:00"	12.94	187.1	15.77	21.87	9.07	188.6	19.9	17.7	49.93	51.99	-2.057	24.65	18.86	26.5	828.23	0		
"2014-04-15	13:00:00"	14.35	194.9	15.81	25.45	10.24	196.1	19.44	20.09	52.45	54.67	-2.218	21.07	15.28	26.492	946.22	0		
"2014-04-15	14:00:00"	16.03	193.6	14.58	27.84	11.32	195.4	18.77	20.09	54.69	57.19	-2.499	17.24	11.39	26.465	1001.5	0		
"2014-04-15	15:00:00"	16.67	198	13.36	26.65	11.82	198.7	16.91	21.28	57.63	60.12	-2.483	14.1	8.41	26.448	995.72	0		
"2014-04-15	16:00:00"	16.95	197.2	14.67	30.82	11.81	198.2	18.38	21.87	60.13	62.49	-2.361	13.28	7.785	26.417	925.72	0		
"2014-04-15	17:00:00"	17.06	193	12.75	25.45	11.65	193.8	17.05	19.49	62.36	64.52	-2.162	13.14	7.97	26.376	793.08	0		
"2014-04-15	18:00:00"	16	195.2	11.9	24.26	11.09	196.9	16.28	20.09	64.24	65.91	-1.666	11.33	6.452	26.35	609.25	0		
"2014-04-15	19:00:00"	16.2	193.8	11.68	25.45	11.04	195.4	15.62	20.09	65.23	66.17	-0.935	10.17	5.554	26.324	390.05	0		
"2014-04-15	20:00:00"	15.12	184.3	10.61	23.07	9.64	185.2	15.33	17.7	64.11	64.27	-0.162	10.53	6.079	26.297	137.5	0		
"2014-04-15	21:00:00"	11.03	168.7	8.02	15.91	6.251	168.2	13.84	11.14	59.91	58.83	1.076	11.76	7.467	26.262	4.4516	0		
"2014-04-15	22:00:00"	10.69	162.8	7.466	15.91	6.139	162.4	12.93	10.54	56.09	54.83	1.262	13.95	9.48	26.234	0	0		
"2014-04-15	23:00:00"	12.17	161.4	9.41	18.89	7.196	161.2	14.88	12.33	54.25	53.29	0.962	15.45	10.8	26.229	0	0		
"2014-04-16	00:00:00"	15.19	173.1	7.809	24.26	9.19	174.3	14.29	18.3	53.87	53.16	0.713	16.47	11.75	26.22	0	0		
"2014-04-16	01:00:00"	16.58	173.3	7.982	24.86	10.15	173.8	13.93	18.3	52.53	51.96	0.57	19.41	14.76	26.2	0	0		
"2014-04-16	02:00:00"	13.97	179.9	8.5	22.47	8.78	181.1	13.75	16.51	51.02	50.49	0.524	21.9	17.32	26.183	0	0		
"2014-04-16	03:00:00"	11.55	184.7	8.69	18.3	7.288	186	14.11	13.52	49.67	49.15	0.515	24.22	19.7	26.165	0	0		
"2014-04-16	04:00:00"	11.42	187.4	9.01	18.3	7.108	188.5	14.48	12.33	48.35	47.69	0.657	26.94	22.63	26.139	0	0		
"2014-04-16	05:00:00"	11.09	193.7	8.2	15.91	7.249	195.2	13.21	12.33	47.65	47.14	0.51	28.31	24.01	26.118	0	0		
"2014-04-16	06:00:00"	8.45	192.5	8.14	14.72	5.182	192.1	13.58	9.95	46.57	45.73	0.84	29.83	25.75	26.108	0	0		
"2014-04-16	07:00:00"	6.793	192	6.961	9.35	3.182	192.2	12.21	5.175	43.54	41.14	2.399	33.47	30.63	26.086	0	0		
"2014-04-16	08:00:00"	6.852	195.3	5.557	9.95	3.561	196.1	11.52	8.16	42.27	40.47	1.799	35.59	32.28	26.082	33.66	0		
"2014-04-16	09:00:00"	10.41	182.5	9.29	17.1	6.922	183.7	15.15	12.93	45.73	46.11	-0.388	33.07	28.11	26.1	140.51	0		
"2014-04-16	10:00:00"	11.21	189.1	8.84	15.91	7.634	190.9	14.12	12.93	49.76	50.41	-0.648	28.8	23.99	26.123	251.13	0		
"2014-04-16	11:00:00"	10.12	194.1	12.92	14.72	7.466	195.3	17.23	12.33	56.44	57.73	-1.292	23.08	18.27	26.151	637.17	0		
"2014-04-16	12:00:00"	10.96	199.3	14.3	16.51	8.07	199.8	17.88	13.52	63.91	65.54	-1.637	17.52	13.22	26.191	814.72	0		
"2014-04-16	13:00:00"	11.49	210.1	14.96	18.3	8.56	210.3	16.81	14.72	69.69	71.38	-1.692	13.99	10.28	26.209	794.64	0		
"2014-04-16	14:00:00"	11.2	209	22.86	17.1	8.62	209	24.69	16.51	74.29	75.71	-1.423	11.46	8.33	26.202	922.56	0		
"2014-04-16	15:00:00"	9.39	207.5	23.34	17.1	7.226	208	25.33	14.72	78.96	80.2	-1.262	8.89	5.954	26.199	920.26	0		
"2014-04-16	16:00:00"	9.5	196.2	25.42	18.89	7.086	197.5	28.94	14.72	81.1	82.6	-1.494	7.462	4.473	26.186	855.71	0		
"2014-04-16	17:00:00"	11.65	187.3	24.1	21.28	8.34	187.2	27.08	16.51	81.7	83.4	-1.712	7.417	4.342	26.158	730.67	0		
"2014-04-16	18:00:00"	9.17	191.8	25.28	18.89	6.605	192.6	28.15	14.12	82.6	83.6	-0.97	7.15	4.213	26.136	552.67	0		
"2014-04-16	19:00:00"	12.42	165.2	15.98	24.26	8.23	164.5	20.77	18.89	81.5	82.4	-0.906	7.713	4.805	26.125	342.96	0		
"2014-04-16	20:00:00"	15.55	155.8	11.16	24.26	9.9	155.5	16.44	17.7	79.38	79.59	-0.214	9.65	7.123	26.115	138.3	0		
"2014-04-16	21:00:00"	15.69	161.1	8.27	25.45	9.75	159.9	13.82	19.49	72.84	72.28	0.555	16.15	14.08	26.115	7.2997	0		
"2014-04-16	22:00:00"	14.43	157.2	8.61	23.07	8.92	156.1	14.07	17.7	67.79	67.12	0.679	23.62	21.67	26.114	0	0		
"2014-04-16	23:00:00"	13.08	165.4	8.23	20.68	7.982	165	14.37	16.51	63.84	63.17	0.674	31.51	29.8	26.117	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-17	00:00:00"	11.55	160.9	8.23	18.3	7.063	159.5	14.04	12.33	60.15	59.36	0.789	37.47	35.91	26.11	0	0		
"2014-04-17	01:00:00"	9.96	169	10.72	15.91	5.939	169.3	16.81	11.14	57.4	56.6	0.798	42.31	40.12	26.097	0	0		
"2014-04-17	02:00:00"	9.22	173.7	9.41	14.12	5.48	173.4	15.36	8.75	55.29	54.31	0.982	48.63	45.73	26.085	0	0		
"2014-04-17	03:00:00"	8.34	183.9	8.87	12.93	4.731	184.9	14.52	9.35	52.92	51.82	1.101	56.01	52.19	26.076	0	0		
"2014-04-17	04:00:00"	6.529	211.1	20.75	10.54	3.715	217.8	26.64	6.964	51.52	49.94	1.581	61.6	57.51	26.074	0	0		
"2014-04-17	05:00:00"	11.22	332.4	17.33	23.07	8.52	331.2	18.61	21.28	51.06	50.34	0.716	60.56	55.74	26.129	0	0		
"2014-04-17	06:00:00"	3.609	90.6	67.59	7.561	2.755	63.51	66.62	6.368	51.64	48.69	2.943	59.17	56.87	26.126	0	0		
"2014-04-17	07:00:00"	5.297	69.09	41.79	9.35	3.225	60.8	43.54	7.561	50.94	48.99	1.942	60.31	56.63	26.133	0	0		
"2014-04-17	08:00:00"	7.836	18.76	19.68	12.93	5.171	14.92	20.66	10.54	48.1	47.85	0.251	63.63	57.47	26.173	9.8293	0		
"2014-04-17	09:00:00"	12.07	359.8	12.59	17.7	8.61	355.3	15.28	14.72	50.07	50.61	-0.541	49.25	44.84	26.216	181.97	0		
"2014-04-17	10:00:00"	11.08	351.9	13.79	15.31	8.65	347.2	17.15	13.52	54.44	55.63	-1.192	43.39	39.62	26.266	418.66	0		
"2014-04-17	11:00:00"	10.63	10.39	15.91	17.1	8.02	5.522	18.31	14.72	58.06	59.43	-1.365	42.51	39.26	26.319	623.16	0		
"2014-04-17	12:00:00"	13.37	28.5	14.46	22.47	9.05	24.45	16.24	20.09	61.86	63.34	-1.479	40.96	38.35	26.367	798.47	0		
"2014-04-17	13:00:00"	12.53	36.91	19.12	20.68	8.29	31.52	20.08	20.09	64.96	66.91	-1.952	38.81	36.56	26.399	900.77	0		
"2014-04-17	14:00:00"	12.17	26.99	17.98	23.66	8.57	21.95	18.86	20.09	67.26	69.03	-1.773	35.69	33.98	26.412	942.27	0		
"2014-04-17	15:00:00"	12.34	33.06	22.08	22.47	8.4	26.37	23.4	21.28	68.94	70.96	-2.023	32.19	30.32	26.418	929.09	0		
"2014-04-17	16:00:00"	11.16	20.19	22.97	21.87	7.952	14.5	23.25	19.49	70.6	72.15	-1.548	29.82	28.43	26.419	855.99	0		
"2014-04-17	17:00:00"	9.72	28.01	31.51	21.87	7.074	21.74	33.5	17.7	71.88	73.36	-1.48	28.2	26.87	26.415	728.54	0		
"2014-04-17	18:00:00"	8.66	49.69	29.18	19.49	5.89	43.53	32.7	15.31	72.22	73.48	-1.26	28	26.73	26.417	552.78	0		
"2014-04-17	19:00:00"	8.73	58.5	28.58	18.3	5.957	52.58	32.8	12.93	71.93	72.79	-0.864	28.46	27.2	26.416	349.08	0		
"2014-04-17	20:00:00"	11.91	68.84	13.6	22.47	7.916	63.68	19.83	17.1	69.71	70.43	-0.722	32.28	30.72	26.416	141.33	0		
"2014-04-17	21:00:00"	13.77	80.9	8.51	20.09	8.69	75.32	17.02	15.91	65.19	64.98	0.207	41.91	40.31	26.412	7.5659	0		
"2014-04-17	22:00:00"	16.74	79.7	8.93	26.65	10.52	74.6	17.06	20.09	60.84	60.62	0.225	52.79	49.34	26.419	0	0		
"2014-04-17	23:00:00"	16.89	83.6	8.33	26.65	10.38	79.16	17.04	18.89	56.55	56.36	0.194	64.58	59.2	26.432	0	0		
"2014-04-18	00:00:00"	15.71	80.4	8.65	26.05	9.83	75.33	16.63	18.89	53.08	52.91	0.168	72.61	65.83	26.432	0	0		
"2014-04-18	01:00:00"	16.78	85.4	7.224	23.66	10.59	81	15.69	17.7	50.13	49.98	0.14	79.01	71.02	26.432	0	0		
"2014-04-18	02:00:00"	13.93	82.5	7.837	21.87	8.74	78.45	16.33	15.31	48.23	48.05	0.181	83.7	74.97	26.429	0	0		
"2014-04-18	03:00:00"	11.17	74.88	7.953	15.91	7.154	68.88	15.3	11.74	46.36	46.17	0.195	88	78.52	26.414	0	0		
"2014-04-18	04:00:00"	11.58	79.62	8.66	18.3	7.266	73.8	17.33	13.52	45.28	45.17	0.113	92.9	82.3	26.398	0	0		
"2014-04-18	05:00:00"	13.09	83.3	8.23	20.09	8.34	78.39	16.56	14.72	46.43	46.6	-0.175	93.7	82.9	26.394	0	0		
"2014-04-18	06:00:00"	7.549	98.8	13.09	15.31	5.344	94.9	18.75	9.95	47.67	47.87	-0.201	93.6	82.8	26.403	0	0		
"2014-04-18	07:00:00"	6.661	94.2	16.71	11.74	4.639	90.5	22.82	8.75	48.75	48.92	-0.172	92.8	82.6	26.41	0	0		
"2014-04-18	08:00:00"	8.18	115.4	10.37	11.74	5.632	113.2	16.92	8.75	49.31	49.52	-0.208	91.4	81.6	26.42	12.423	0		
"2014-04-18	09:00:00"	7.651	115.8	11.56	11.14	5.342	113	17.17	9.95	50.06	50.42	-0.367	92.4	82	26.438	36.902	0		
"2014-04-18	10:00:00"	8.95	131.2	12.31	12.93	6.161	130.6	18.72	10.54	51.71	52.36	-0.652	91.9	81.4	26.449	121.77	0		
"2014-04-18	11:00:00"	11.09	142.9	11.27	16.51	7.516	143.2	17.23	13.52	55.5	56.68	-1.178	85.5	75.6	26.462	240.22	0		
"2014-04-18	12:00:00"	11.19	149.7	11.03	15.91	7.504	150	16.43	12.93	56.74	57.77	-1.025	83.9	74.62	26.476	202.4	0		
"2014-04-18	13:00:00"	11.71	145.9	13.62	19.49	7.985	146.7	18.55	14.72	59.12	60.72	-1.602	77.38	68.42	26.481	411.22	0		
"2014-04-18	14:00:00"	12.27	159.5	18.2	20.68	8.36	160.1	22.64	15.91	63.23	65.15	-1.927	67.04	59.59	26.48	624.09	0		
"2014-04-18	15:00:00"	13.14	156.3	16.61	21.87	9.17	156.1	20.87	17.1	67.92	70.32	-2.408	54.87	49.28	26.475	831.33	0		
"2014-04-18	16:00:00"	14.03	146.7	17.31	22.47	9.31	146.2	22.07	18.3	69.66	71.82	-2.167	48.08	44.28	26.457	569.23	0		
"2014-04-18	17:00:00"	14.85	142	14.81	27.84	9.89	140.4	19.53	19.49	71.83	73.76	-1.93	40.51	38.54	26.43	557.18	0		
"2014-04-18	18:00:00"	15.22	147.5	14.96	24.26	10.11	146.9	19.85	18.89	73.84	75.52	-1.679	36.27	34.94	26.415	487.33	0		
"2014-04-18	19:00:00"	16.37	148.1	13.51	26.05	10.72	146.5	18.51	18.89	74.32	75.52	-1.196	34.4	33.5	26.405	338.44	0		
"2014-04-18	20:00:00"	15.42	147.1	10.29	23.66	9.81	146	15.83	17.1	72.92	73.38	-0.46	35.88	35.52	26.392	133.91	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-18	21:00:00"	10.46	144.5	8.88	18.89	6.416	142.1	14.51	14.72	69.67	69.02	0.657	40.96	41.18	26.383	5.3861	0		
"2014-04-18	22:00:00"	7.98	123.7	7.791	9.95	4.125	115.5	12.23	6.368	65.2	63.49	1.709	47.85	47.84	26.371	0	0		
"2014-04-18	23:00:00"	9.7	131.1	8.96	13.52	5.536	126.8	14.76	9.35	63.19	62.11	1.078	51.95	50.54	26.367	0	0		
"2014-04-19	00:00:00"	9.54	146.7	7.954	14.12	5.571	143.9	13.77	9.95	61.87	61	0.872	56.52	54.22	26.366	0	0		
"2014-04-19	01:00:00"	7.243	143	8.43	11.14	4.022	138	14.57	8.16	60.61	59.8	0.816	59.52	56.62	26.355	0	0		
"2014-04-19	02:00:00"	6.441	151.2	6.52	8.16	2.954	143.6	12.69	4.578	58.72	57.12	1.599	65.03	62.28	26.343	0	0		
"2014-04-19	03:00:00"	5.751	151.9	6.814	7.561	2.335	136.7	16.21	5.175	57.7	56.01	1.687	68.49	65.43	26.328	0	0		
"2014-04-19	04:00:00"	7.615	166.4	10.2	12.33	4.455	163.9	16.2	8.75	58.46	57.73	0.729	68.7	64.58	26.325	0	0		
"2014-04-19	05:00:00"	6.165	181.7	21.16	12.93	3.476	177.4	32.17	8.75	59.06	58.55	0.514	69.39	64.84	26.339	0	0		
"2014-04-19	06:00:00"	1.66	166.2	54.97	5.771	1.025	348.2	80.3	3.982	58.06	57.17	0.896	72.2	67.29	26.331	0	0		
"2014-04-19	07:00:00"	8.01	59.26	49.57	16.51	5.341	51.8	49.06	14.12	57.13	56.75	0.377	71.13	65.88	26.32	0	0		
"2014-04-19	08:00:00"	7.961	83.5	11.03	11.74	5.008	80.9	19.01	8.16	55.62	55.17	0.443	71.83	66.24	26.327	12.232	0		
"2014-04-19	09:00:00"	8.73	95.9	9.01	13.52	6.291	92.8	15.89	11.14	56.7	56.87	-0.169	70.21	64.26	26.331	80.983	0		
"2014-04-19	10:00:00"	11.18	137.7	25.54	20.68	7.553	135.5	29.32	14.72	59.08	59.47	-0.39	70.41	64.25	26.353	113.86	0		
"2014-04-19	11:00:00"	14.12	166.5	20.53	26.05	9.11	165.5	24.6	18.3	61.06	61.51	-0.448	76.94	70.28	26.367	158.13	0		
"2014-04-19	12:00:00"	12.42	167.5	16.22	23.07	8.25	166.9	20.88	17.1	64.72	66.03	-1.318	70.34	63.62	26.37	384.93	0		
"2014-04-19	13:00:00"	11.05	200.6	19.12	19.49	7.746	201	21.05	15.31	66.33	66.88	-0.546	66.37	62.38	26.398	260.43	0		
"2014-04-19	14:00:00"	11.8	220.2	25.76	20.09	9.05	218.6	26.23	17.1	67.6	68.44	-0.843	62.59	58.2	26.42	230.64	0		
"2014-04-19	15:00:00"	11.61	259.4	18.58	20.68	9.43	256.1	19.71	15.91	65.7	65.9	-0.199	69.13	65.79	26.434	148.9	0		
"2014-04-19	16:00:00"	14.95	328.7	45.96	23.66	11.5	326.1	46.37	21.28	63.58	64.12	-0.533	77.73	72.49	26.387	387.78	0		
"2014-04-19	17:00:00"	18.03	23.85	17.59	26.65	12.45	19.42	18.11	23.66	65.77	66.84	-1.072	68.61	63.86	26.316	557.92	0		
"2014-04-19	18:00:00"	18.12	59.49	11.5	26.65	11.37	54.05	16.93	20.09	66.73	68.05	-1.318	64.87	59.93	26.321	369.01	0		
"2014-04-19	19:00:00"	14.1	49.99	12.04	20.68	8.45	43.22	15.6	17.1	65.06	65.49	-0.434	69.5	64.78	26.344	67.057	0		
"2014-04-19	20:00:00"	9.75	26.18	18.08	17.7	6.311	20.98	19.9	13.52	62.23	62.04	0.183	78.91	74.83	26.349	4.4017	0.02		
"2014-04-19	21:00:00"	9.11	16.46	33.43	16.51	6.16	14.64	35.74	12.33	60.09	59.8	0.296	85.4	80.7	26.361	0.0269	0.35		
"2014-04-19	22:00:00"	11.94	97.1	25.29	29.63	7.657	94.6	32.15	20.68	58.19	57.68	0.502	90.5	85.6	26.366	0.00243	0.45		
"2014-04-19	23:00:00"	7.642	72.77	19.37	16.51	4.923	70.32	24.98	14.12	59.56	58.86	0.702	87.1	82.7	26.377	0	0		
"2014-04-20	00:00:00"	6.668	137.3	10.56	11.14	3.489	133.7	16.14	8.16	57.98	57.15	0.83	89.5	84.8	26.373	0	0		
"2014-04-20	01:00:00"	4.514	189.5	36.37	6.964	1.779	198.2	43.47	3.982	55.84	54.95	0.892	92.2	86.9	26.344	0	0		
"2014-04-20	02:00:00"	4.615	242.4	13.54	8.16	3.023	242.2	26.66	6.368	55.91	55.52	0.39	95	88	26.348	0	0		
"2014-04-20	03:00:00"	4.303	223.2	17.28	6.964	2.289	224.1	27.98	4.578	55.78	55.19	0.586	95.8	89	26.339	0	0		
"2014-04-20	04:00:00"	3.617	185.7	42.8	5.175	1.545	238.2	73.36	3.982	54.9	53.64	1.267	97.6	89.7	26.307	0	0		
"2014-04-20	05:00:00"	3.446	223	10.82	5.771	1.001	231.7	21.55	1.596	54.87	53.93	0.943	98.9	91	26.305	0	0		
"2014-04-20	06:00:00"	4.248	221.1	11.1	6.368	1.545	226.1	21.15	3.982	54.76	54.06	0.694	99.4	91.4	26.304	0	0		
"2014-04-20	07:00:00"	4.184	233.1	19.73	5.771	2.488	233.2	22.08	4.578	54.3	54.03	0.276	99.8	91.3	26.313	0	0		
"2014-04-20	08:00:00"	4.105	274	10.13	6.964	3.051	273.5	13.01	5.175	54.05	54.08	-0.028	100.1	94	26.335	6.1948	0		
"2014-04-20	09:00:00"	3.853	301.7	11.28	5.771	3.275	302.3	13.34	5.175	54.62	54.75	-0.125	100.1	95.2	26.352	60.795	0		
"2014-04-20	10:00:00"	4.306	288.8	17.39	6.368	3.619	289.2	20.11	5.771	56.15	56.48	-0.331	99.6	93.3	26.366	122.91	0		
"2014-04-20	11:00:00"	4.959	223.1	25.86	9.95	3.796	222.6	27.12	7.561	59.04	59.41	-0.371	94.2	89.2	26.383	221.13	0		
"2014-04-20	12:00:00"	8.9	188.1	16.66	14.12	6.351	190.1	20.56	11.74	62.76	63.92	-1.16	81.9	75.32	26.4	612.07	0		
"2014-04-20	13:00:00"	8.65	200.5	16.29	15.91	6.416	201.7	19.79	11.14	66.48	67.66	-1.184	71.55	65.97	26.404	794.15	0		
"2014-04-20	14:00:00"	7.898	220.2	26.33	14.72	6.143	221.3	27.54	11.74	70.32	71.26	-0.933	60.74	57.88	26.397	889.05	0		
"2014-04-20	15:00:00"	8.69	210.3	20.31	15.91	6.658	210	21.38	12.93	73.71	74.65	-0.942	52.37	51.09	26.386	836.86	0		
"2014-04-20	16:00:00"	11.5	210.7	16.56	21.87	8.42	209.2	20.14	19.49	75.25	76.04	-0.795	41.77	42.85	26.37	563.96	0		
"2014-04-20	17:00:00"	15.11	240.5	15.95	25.45	12.03	238	16.26	21.28	77.78	78.04	-0.261	28.42	30.74	26.344	576.94	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-20	18:00:00"	14.51	254.4	14.88	26.05	11.77	251.4	16.85	22.47	78.5	78.56	-0.064	28.04	29.97	26.334	461.87	0		
"2014-04-20	19:00:00"	15.25	262	13.6	24.26	12.15	258.7	15.98	19.49	78.42	78.37	0.043	26.24	27.86	26.34	345.83	0		
"2014-04-20	20:00:00"	12.15	272.3	16.31	20.68	9.59	268.9	18.12	18.3	77.27	77.12	0.159	28.88	30.57	26.342	139.73	0		
"2014-04-20	21:00:00"	7.243	244.4	7.72	14.12	4.683	241	8.74	11.74	73.46	71.83	1.638	34.82	38.81	26.339	8.2478	0		
"2014-04-20	22:00:00"	3.248	205.6	46.43	5.175	1.783	121.8	74.94	4.578	70.14	66.4	3.739	40.94	50.24	26.335	0	0		
"2014-04-20	23:00:00"	3.234	209.8	15.48	4.578	1.148	93	30.3	2.789	68.6	63.55	5.053	43.41	56.04	26.328	0	0		
"2014-04-21	00:00:00"	3.48	237.3	16.25	6.368	1.168	10.85	64.88	3.982	66.68	61.51	5.167	47.45	62.47	26.312	0	0		
"2014-04-21	01:00:00"	5.364	210.5	56.25	11.74	2.482	176.5	94.1	6.368	63.49	59.63	3.858	58.24	65.46	26.299	0	0		
"2014-04-21	02:00:00"	8.42	193.2	8.98	12.33	4.72	193.1	14.46	8.16	60.8	59.54	1.258	83.4	79.73	26.299	0	0		
"2014-04-21	03:00:00"	5.733	216.9	9.64	10.54	2.938	220.5	14.55	7.561	60.07	59.19	0.881	90.6	85.1	26.303	0	0		
"2014-04-21	04:00:00"	4.015	237.6	8.52	5.771	1.237	254	18.88	3.386	58.44	57.03	1.412	94.9	88.6	26.302	0	0		
"2014-04-21	05:00:00"	3.317	227.9	13.49	5.771	1.016	268.1	44.91	2.193	57.49	55.88	1.611	96.9	90.5	26.298	0	0		
"2014-04-21	06:00:00"	2.218	238	19.69	3.982	1	275.2	62.58	1	56.63	54.91	1.721	98.6	91.4	26.291	0	0		
"2014-04-21	07:00:00"	3.309	223	20	7.561	1.999	222.9	70.26	5.771	56.08	54.77	1.308	99.5	91.7	26.297	0	0		
"2014-04-21	08:00:00"	4.316	214.2	13.23	7.561	3.204	215.7	15.56	6.368	56.04	56.06	-0.024	99.8	91.9	26.329	14.094	0		
"2014-04-21	09:00:00"	3.276	222.5	17.95	5.175	2.587	223.2	21.55	4.578	55.91	56.01	-0.096	100	88.6	26.355	96.948	0		
"2014-04-21	10:00:00"	2.423	255.4	51.34	5.175	1.565	254.4	59.46	4.578	58.39	58.72	-0.326	99.2	88.7	26.375	306.44	0		
"2014-04-21	11:00:00"	1.708	310.1	80.9	3.982	1.21	271.8	76.28	3.386	67.62	67.58	0.039	84.1	85.3	26.411	576.39	0		
"2014-04-21	12:00:00"	5.601	35.84	36.18	14.72	3.741	34.22	40.54	11.74	77.25	78.16	-0.912	35.51	38.67	26.454	732.94	0		
"2014-04-21	13:00:00"	7.317	48.13	25.77	14.72	5.01	41.84	30.33	11.74	79.59	80.9	-1.297	28.41	30.36	26.469	835.55	0		
"2014-04-21	14:00:00"	8.81	30.04	34.22	17.7	6.274	24.85	38.01	15.31	81.6	83	-1.386	24.95	26.52	26.465	883.92	0		
"2014-04-21	15:00:00"	7.268	25.61	41.97	14.12	5.3	19.76	45	11.74	83.1	84.3	-1.233	23.28	24.58	26.458	780.23	0		
"2014-04-21	16:00:00"	6.822	49.5	58.2	24.86	4.861	43.66	61.6	21.28	85.1	86	-0.916	21.06	22.29	26.453	722.65	0		
"2014-04-21	17:00:00"	7.107	50.03	29.84	16.51	5.049	43.16	36.27	14.72	83.6	84.5	-0.981	21.92	22.82	26.432	474.64	0		
"2014-04-21	18:00:00"	7.844	42.13	23.88	15.31	5.01	36	27.45	12.33	83.2	83.9	-0.727	21.71	22.54	26.42	344.51	0		
"2014-04-21	19:00:00"	9.3	64.32	17.65	16.51	6.038	57.43	22.23	14.12	82.1	82.5	-0.35	23.06	23.93	26.41	240.84	0		
"2014-04-21	20:00:00"	10.07	62.99	11.89	17.1	6.46	58.03	16.77	14.12	81.1	81.3	-0.187	23.65	24.6	26.406	129.89	0		
"2014-04-21	21:00:00"	8.28	53.4	9.05	12.93	4.663	48.4	13.48	8.75	76.94	75.98	0.965	29.72	31.9	26.404	6.5922	0		
"2014-04-21	22:00:00"	8.11	61.55	7.759	11.74	5.029	58.72	13.15	9.35	72.66	71.57	1.087	36.83	38.99	26.401	0	0		
"2014-04-21	23:00:00"	12.25	76.05	13.46	22.47	7.657	72.37	17.99	15.91	70.35	69.35	0.998	42.04	43.54	26.409	0	0		
"2014-04-22	00:00:00"	14.84	86.6	7.54	21.87	9.16	83	15.73	15.91	69.17	68.51	0.665	48.24	48.36	26.425	0	0		
"2014-04-22	01:00:00"	14.18	88	7.524	20.68	8.91	84.2	15.5	13.52	67.23	66.57	0.662	52.73	52.15	26.423	0	0		
"2014-04-22	02:00:00"	13.66	86.5	7.541	20.09	8.33	82.1	16.05	15.31	65.34	64.7	0.638	57.43	56.01	26.421	0	0		
"2014-04-22	03:00:00"	10.86	94.4	9.18	15.31	7.208	91.3	15.44	12.33	62.92	62.28	0.64	64.55	62.03	26.414	0	0		
"2014-04-22	04:00:00"	9.87	110.4	10.39	15.31	6.657	107.5	16.44	12.33	61.81	61.24	0.573	69.94	66.53	26.405	0	0		
"2014-04-22	05:00:00"	3.47	125.8	26.92	8.75	1.238	122.7	53.71	4.578	59.96	58.58	1.38	74.82	72.12	26.4	0	0		
"2014-04-22	06:00:00"	5.19	91.9	6.729	7.561	2.17	73.33	13.07	3.982	59.15	57.13	2.02	76.85	75.26	26.384	0	0		
"2014-04-22	07:00:00"	5.777	99.1	8.49	8.75	2.715	82.3	14.56	5.175	58.43	56.09	2.342	78.34	77.24	26.379	0	0		
"2014-04-22	08:00:00"	7.379	79.21	7.794	10.54	3.923	69.36	16.14	6.964	58.12	56.78	1.338	77.98	75.41	26.388	29.657	0		
"2014-04-22	09:00:00"	6.883	115.2	17.86	14.72	4.691	113.8	22.34	9.95	61.57	62.45	-0.886	70.55	65.67	26.417	187.83	0		
"2014-04-22	10:00:00"	13.07	137.1	10.91	19.49	8.43	137.1	16.53	15.91	67.14	68.51	-1.366	54.72	51.99	26.443	389.4	0		
"2014-04-22	11:00:00"	13.78	141.1	12.28	20.68	9.14	142.3	17.92	16.51	70.52	72.17	-1.646	45.47	43.92	26.471	571.06	0		
"2014-04-22	12:00:00"	12.26	140.8	15.52	19.49	8.38	140.8	20.68	15.91	73.43	75.41	-1.981	41.71	40.65	26.482	728.22	0		
"2014-04-22	13:00:00"	12.8	144.5	16.39	23.66	8.58	145	21.95	16.51	76.34	78.56	-2.218	35.71	35.14	26.473	831.74	0		
"2014-04-22	14:00:00"	12.9	150	19.18	23.07	8.81	149.9	23.43	15.31	79.05	81.3	-2.234	31.33	30.73	26.452	878.52	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-22	15:00:00"	14.16	157.1	17.38	23.07	9.68	158.8	22.72	18.3	80.9	83.1	-2.232	28.09	27.41	26.426	873.46		0	
"2014-04-22	16:00:00"	14.32	151.6	17.64	25.45	9.55	151.5	23.4	20.09	82.4	84.5	-2.115	26.27	25.69	26.401	815.95		0	
"2014-04-22	17:00:00"	14.83	155.8	18.16	27.24	9.81	156.7	22.96	18.89	83.2	85.1	-1.895	25.4	24.91	26.371	668.69		0	
"2014-04-22	18:00:00"	14.63	150.2	14.51	24.86	9.73	151.5	18.82	19.49	83.5	85.1	-1.573	24.76	24.4	26.342	541.81		0	
"2014-04-22	19:00:00"	15.57	163.3	15.33	26.05	9.93	163.9	19.21	18.89	83	84	-0.98	24.76	24.69	26.319	341.62		0	
"2014-04-22	20:00:00"	15.92	162.1	11.4	23.66	10.03	162.3	16.31	17.1	81.8	82.1	-0.286	25.58	25.94	26.302	146.97		0	
"2014-04-22	21:00:00"	12.9	176.6	13.22	21.87	7.881	176	17.78	16.51	77.3	76.81	0.496	32.04	33.27	26.282	13.424		0	
"2014-04-22	22:00:00"	8.87	144.5	13.56	11.74	4.796	140.3	19.04	6.964	72.09	70.79	1.304	40.03	42.27	26.259	0		0	
"2014-04-22	23:00:00"	9.38	124.7	7.225	16.51	5.248	119.2	13.23	11.14	69.42	68.12	1.295	45.97	47.51	26.247	0		0	
"2014-04-23	00:00:00"	11.19	126.5	7.851	17.1	6.522	124	14.13	10.54	69.45	68.44	1.017	43.74	45.02	26.237	0		0	
"2014-04-23	01:00:00"	12.13	135.6	7.715	16.51	7.276	135.3	14.18	11.74	68.61	67.72	0.893	40.47	41.6	26.228	0		0	
"2014-04-23	02:00:00"	13.75	145.4	7.566	20.09	8.53	146.3	13.58	14.12	68.08	67.31	0.764	41.79	42.39	26.216	0		0	
"2014-04-23	03:00:00"	13.08	150.8	9.37	20.09	7.981	150.6	14.45	14.72	67.19	66.47	0.72	43.8	43.91	26.205	0		0	
"2014-04-23	04:00:00"	11.67	147.4	8.12	17.7	7.049	147.1	13.69	14.12	66.14	65.4	0.737	48.03	47.56	26.183	0		0	
"2014-04-23	05:00:00"	11.04	158.5	8.87	15.91	6.848	158.7	14.81	11.74	65.61	65.13	0.487	52.15	50.87	26.176	0		0	
"2014-04-23	06:00:00"	14.51	166.6	8.45	23.07	8.92	168.7	14.61	17.7	66.31	65.88	0.422	54	52.51	26.171	0		0	
"2014-04-23	07:00:00"	13	170.8	8.3	20.68	7.951	172.6	13.89	14.72	65.27	64.89	0.378	57.86	55.7	26.172	0		0	
"2014-04-23	08:00:00"	12.6	166.3	7.927	18.89	7.628	167.7	14.17	12.93	64.27	63.89	0.379	63.42	60.51	26.165	21.317		0	
"2014-04-23	09:00:00"	15.5	170.3	9.51	24.86	9.63	171.7	15.3	19.49	65.85	66.03	-0.174	63.31	59.86	26.166	137.7		0	
"2014-04-23	10:00:00"	18.73	182	9.33	29.03	11.77	183.1	15.23	21.87	69.88	70.67	-0.798	55.12	52.46	26.182	333.72		0	
"2014-04-23	11:00:00"	15.56	191.3	11.17	21.87	10.5	192.7	15.86	17.1	73.74	75.03	-1.287	47.54	45.8	26.204	490.31		0	
"2014-04-23	12:00:00"	15.68	205.2	14.45	23.07	10.91	205.4	16.72	17.7	76.47	77.81	-1.347	41.29	40.64	26.214	561.21		0	
"2014-04-23	13:00:00"	14.41	228.8	13.97	27.84	11.02	226	15.55	21.87	79.97	80.9	-0.888	31.22	31.45	26.21	618.09		0	
"2014-04-23	14:00:00"	14.26	240.1	14.55	23.07	11.48	236.7	15.62	20.09	83	83.8	-0.733	20.73	20.63	26.199	684.34		0	
"2014-04-23	15:00:00"	13.9	239.9	17.02	22.47	11.04	236.4	17.8	18.89	83.5	84.3	-0.794	17.87	17.44	26.188	594.38		0	
"2014-04-23	16:00:00"	15.29	230.6	15.28	26.05	11.65	227.6	16.28	21.28	85.2	86.1	-0.968	14.51	13.76	26.167	693.17		0	
"2014-04-23	17:00:00"	17.44	223.5	13.89	27.24	12.73	222	15.2	23.07	85.8	86.5	-0.732	9.95	8.79	26.136	481.96		0	
"2014-04-23	18:00:00"	21.29	227.5	10.53	33.8	15.42	225.5	12.22	27.84	86	86.4	-0.37	6.186	4.451	26.111	353.66		0	
"2014-04-23	19:00:00"	19.34	248	11.25	29.03	13.81	242.8	14.17	23.07	85.7	85.7	0.01	6.835	5.197	26.101	261.52		0	
"2014-04-23	20:00:00"	17.97	244.7	9.44	27.24	12.95	240.1	12.1	22.47	85.4	85.1	0.268	6.788	5.076	26.09	173.2		0	
"2014-04-23	21:00:00"	11	248.6	8.6	23.07	7.167	244.7	12.88	18.89	80.7	79.66	1.07	9.99	9.1	26.089	10.841		0	
"2014-04-23	22:00:00"	8.28	255	4.739	10.54	4.138	248.7	12.08	6.964	74.04	71.87	2.174	14.9	15.59	26.079	0		0	
"2014-04-23	23:00:00"	8.27	263	7.485	12.33	4.249	252.1	14.74	8.16	71.45	69.08	2.37	15.72	16.44	26.075	0		0	
"2014-04-24	00:00:00"	5.801	240	9.66	9.95	2.4	223.9	16.52	6.368	69.3	65.47	3.834	17.07	19.57	26.074	0		0	
"2014-04-24	01:00:00"	5.231	254.9	11.77	8.75	1.829	243	27.41	4.578	67.71	64.05	3.656	18.88	21.34	26.067	0		0	
"2014-04-24	02:00:00"	7.678	283.1	19.7	11.14	4.051	279	25.94	8.16	66.07	63.72	2.351	20.99	22.24	26.075	0		0	
"2014-04-24	03:00:00"	10.87	305	15.7	30.82	7.842	312.8	55.79	26.05	67.89	65.42	2.47	19.95	20.67	26.092	0		0	
"2014-04-24	04:00:00"	11.84	332.9	12.41	20.68	8.79	332	13.4	18.3	65.38	64.23	1.145	22.68	21.69	26.133	0		0	
"2014-04-24	05:00:00"	8.95	330.8	6.087	15.91	6.296	329.8	7.385	12.93	63.97	61.85	2.111	23.93	24.3	26.157	0		0	
"2014-04-24	06:00:00"	7.885	331	5.309	10.54	5.391	330	7.074	7.561	59.78	57.72	2.066	28.02	28.47	26.161	0		0	
"2014-04-24	07:00:00"	13.77	337.3	8.82	25.45	10.74	334.8	9.7	20.09	59.76	58.58	1.18	25.36	24.03	26.177	0.00748		0	
"2014-04-24	08:00:00"	17.43	332.4	7.221	29.03	14.09	331.1	9.03	23.07	59.73	59.05	0.686	20.11	17.58	26.206	39.514		0	
"2014-04-24	09:00:00"	21.78	330.9	9.21	33.21	17.67	329.3	9.72	28.43	62.12	62.2	-0.079	17.07	13.96	26.263	229.68		0	
"2014-04-24	10:00:00"	22.62	4.245	18.42	35	16.4	0.178	20.16	28.43	61.51	62.19	-0.68	23.68	20.33	26.314	430.24		0	
"2014-04-24	11:00:00"	20.62	19.03	12.55	30.82	14.77	15.47	14.2	27.24	60.64	61.49	-0.845	37.14	34.53	26.33	605.75		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-24	12:00:00"	20.96	22.23	10.56	29.63	15.05	18.33	13.45	27.84	63.36	64.33	-0.962	33.61	31.33	26.344	783.59	0		
"2014-04-24	13:00:00"	16.82	21.93	13.32	26.05	11.92	17.58	14.96	23.66	67.34	68.52	-1.187	28.09	26.17	26.365	883.74	0		
"2014-04-24	14:00:00"	14.61	6.707	16.25	24.86	11.23	3.464	17.89	20.09	71.03	72.62	-1.582	22.19	20.35	26.368	928.44	0		
"2014-04-24	15:00:00"	10.88	336	26.25	24.86	8.98	333.1	27.8	21.87	73.86	75.12	-1.257	18.39	16.9	26.371	913.11	0		
"2014-04-24	16:00:00"	9.84	331.1	34.72	20.09	8.11	327.8	39.21	16.51	75.94	76.97	-1.032	15.7	14.35	26.361	850.07	0		
"2014-04-24	17:00:00"	8.48	318	37.38	18.89	6.844	316.7	44.04	15.91	78.18	79.08	-0.896	12.7	11.24	26.351	717.44	0		
"2014-04-24	18:00:00"	8.45	319.9	33.86	16.51	6.933	319.2	37.29	14.72	78.59	79.16	-0.573	9.36	7.462	26.338	536.6	0		
"2014-04-24	19:00:00"	5.259	355.6	38.87	12.33	4.107	352.3	41.66	9.95	79.39	79.37	0.018	8.3	6.471	26.332	364.03	0		
"2014-04-24	20:00:00"	3.178	43.09	47.35	6.964	2.304	38.24	57.17	6.368	78.14	77.65	0.487	8.93	7.367	26.322	126.26	0		
"2014-04-24	21:00:00"	6.853	80.7	8.32	11.14	3.697	77.08	14.4	6.964	72.55	70.47	2.077	15.28	15.78	26.305	9.6384	0		
"2014-04-24	22:00:00"	8.86	97.9	9.4	12.33	4.74	93.5	14.96	8.16	66.67	64.7	1.967	23.67	24.12	26.29	0	0		
"2014-04-24	23:00:00"	9.26	110.1	7.595	12.33	5.395	104.4	14.46	8.16	65.43	63.95	1.48	24.42	23.84	26.28	0	0		
"2014-04-25	00:00:00"	10.19	125.3	11.88	15.91	5.638	123.5	18.04	9.95	63.83	62.44	1.385	27.43	26.79	26.271	0	0		
"2014-04-25	01:00:00"	7.213	136.7	11.07	11.14	3.219	123.2	21.86	6.368	60.63	58.32	2.318	32.26	33.23	26.265	0	0		
"2014-04-25	02:00:00"	8.37	143.5	5.102	11.74	3.346	131.9	12.03	6.964	58.84	55.48	3.36	34.61	37.54	26.239	0	0		
"2014-04-25	03:00:00"	8.69	142.7	6.05	11.14	3.912	135.5	13.85	7.561	58.32	55.6	2.722	35.19	37.11	26.228	0	0		
"2014-04-25	04:00:00"	4.821	210.4	32.07	9.95	2.187	248	59.77	4.578	56.46	53.59	2.874	37.32	40.18	26.225	0	0		
"2014-04-25	05:00:00"	1.862	187.6	26.42	3.982	1.109	63.78	40.89	3.982	56.18	52.91	3.262	36.42	40.44	26.217	0	0		
"2014-04-25	06:00:00"	2.932	129.7	11.31	3.982	2.371	69.47	9.23	3.386	56.53	52.88	3.646	35.57	39.48	26.21	0	0		
"2014-04-25	07:00:00"	3.626	166.3	11.13	6.368	1.279	167.5	61.02	2.789	55.42	51.86	3.561	37.45	40.52	26.21	0.01216	0		
"2014-04-25	08:00:00"	3.44	143.4	27.24	9.35	1.55	85.4	34.83	6.368	55.73	53.06	2.674	36.74	38.45	26.211	35.832	0		
"2014-04-25	09:00:00"	8.41	148	20.3	15.91	5.33	143.9	31.04	12.33	62.12	62.62	-0.503	31.1	29.68	26.243	208.94	0		
"2014-04-25	10:00:00"	15.53	176.9	10.06	24.26	9.74	178.3	16.09	17.7	69.73	70.79	-1.068	30.99	29.39	26.293	414.66	0		
"2014-04-25	11:00:00"	18.72	181.8	10.4	25.45	11.91	182.5	16.19	20.68	73.2	74.6	-1.403	36.99	35.68	26.328	597.64	0		
"2014-04-25	12:00:00"	15.43	194	11.9	21.87	10.44	195.1	16.42	15.91	77.15	78.83	-1.682	26.75	25.54	26.346	757.44	0		
"2014-04-25	13:00:00"	15.51	200.9	13.09	23.66	10.66	202.1	16.32	17.7	81.4	83.2	-1.823	17.65	16.29	26.345	866.5	0		
"2014-04-25	14:00:00"	12.83	200.6	14.01	20.68	9.02	201.7	17.61	17.1	84.7	86.4	-1.745	12.24	10.72	26.334	911.36	0		
"2014-04-25	15:00:00"	13.23	209.7	20.06	25.45	9.84	210	21.28	19.49	86.6	88	-1.412	8.84	7.192	26.314	897.84	0		
"2014-04-25	16:00:00"	15.2	204.9	15.33	32.61	10.64	205.7	18.1	20.68	88.1	89.7	-1.615	6.672	4.808	26.297	834.64	0		
"2014-04-25	17:00:00"	15.93	205.4	15.61	29.63	11.18	207	17.65	20.68	88.4	89.8	-1.373	6.196	4.259	26.269	656.1	0		
"2014-04-25	18:00:00"	16.16	205.6	14.3	30.82	11.14	206.1	17.11	23.07	89	90	-0.995	6.271	4.404	26.239	544.79	0		
"2014-04-25	19:00:00"	16.97	203.9	12.55	30.82	11.32	204	15.6	22.47	89.3	89.9	-0.61	6.333	4.582	26.218	360.58	0		
"2014-04-25	20:00:00"	14.46	210.6	11.88	24.86	9.87	210.5	14.62	20.68	88.1	88	0.154	7.171	5.628	26.2	137.05	0		
"2014-04-25	21:00:00"	9.19	180.1	13.9	14.72	4.606	176.5	20.62	9.95	82.3	80.2	2.033	13.76	13.97	26.188	3.6852	0		
"2014-04-25	22:00:00"	8.04	180.3	27.51	13.52	3.964	173.7	34.83	8.16	77.54	74.3	3.238	22.3	24.44	26.178	0	0		
"2014-04-25	23:00:00"	11.18	149.2	9.9	19.49	6.223	146.6	16.51	11.14	76.49	74.88	1.609	34.33	36.38	26.171	0	0		
"2014-04-26	00:00:00"	16.52	164.5	9.25	25.45	10.15	165	14.9	18.3	75.56	74.8	0.756	41.76	43	26.17	0	0		
"2014-04-26	01:00:00"	14.42	174.3	8.43	26.05	8.76	175.4	14.97	18.3	73.12	72.47	0.644	52.05	51.98	26.17	0	0		
"2014-04-26	02:00:00"	12.3	176	8.1	20.09	7.353	176.5	14.48	13.52	71.26	70.59	0.673	58.18	57.34	26.148	0	0		
"2014-04-26	03:00:00"	11.48	181.3	9.64	17.1	6.912	182.5	15.97	12.33	70.27	69.59	0.678	63.68	62.21	26.126	0	0		
"2014-04-26	04:00:00"	8.54	202	16.71	13.52	5.272	202.2	19.32	9.95	69.42	68.59	0.833	67.02	65.45	26.118	0	0		
"2014-04-26	05:00:00"	8.04	181.7	10.24	12.93	4.565	182.1	16.84	8.16	68.04	67.16	0.886	69.87	68	26.102	0	0		
"2014-04-26	06:00:00"	6.802	195.2	10.2	9.95	3.73	197.8	15.17	6.368	66.71	65.47	1.24	71.73	70.14	26.095	0	0		
"2014-04-26	07:00:00"	5.634	202.9	15.73	8.16	2.859	206	21.96	5.771	65.18	63.61	1.568	74.41	72.85	26.088	0	0		
"2014-04-26	08:00:00"	3.79	197.5	13	6.368	1.416	189.4	58.76	3.982	63.32	61.23	2.088	77.58	76.37	26.083	21.07	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-26	09:00:00"	5.965	181.4	12.93	11.14	3.635	179.4	22.11	9.35	64.73	64.54	0.19	72.71	69.29	26.084	153.16		0	
"2014-04-26	10:00:00"	9.74	196.8	11.63	14.72	6.742	197.9	16.46	11.74	70.4	71.11	-0.705	55.6	53.52	26.113	331.66		0	
"2014-04-26	11:00:00"	12.93	220.6	12.89	22.47	9.48	219.5	14.26	18.89	77.15	77.78	-0.631	28.77	29.31	26.136	520.2		0	
"2014-04-26	12:00:00"	19.02	227.5	11.39	30.22	14.26	225.3	12.72	23.07	81.9	82.6	-0.787	12.26	11.34	26.155	678.61		0	
"2014-04-26	13:00:00"	22.18	229.7	11.64	32.01	16.88	227.3	12.65	29.03	84.5	85.5	-0.95	7.512	5.81	26.144	847.3		0	
"2014-04-26	14:00:00"	21.27	232.5	15.27	35.59	16.37	230	16.22	29.63	85.9	86.7	-0.786	6.091	4.111	26.117	626.49		0	
"2014-04-26	15:00:00"	21.76	235.2	10.98	35	16.86	233	12.49	31.42	86.2	86.8	-0.604	6.41	4.462	26.093	610		0	
"2014-04-26	16:00:00"	22.37	226.5	11.11	35.59	16.64	225.2	12.57	27.24	87.5	88.3	-0.85	5.271	3.175	26.069	629.26		0	
"2014-04-26	17:00:00"	22.48	223.9	12.99	35	16.55	222.7	14.32	26.65	88.6	89.6	-0.955	4.878	2.757	26.041	686.95		0	
"2014-04-26	18:00:00"	23.09	231.9	11.42	35.59	17.64	229.4	12.46	30.22	88.8	89.3	-0.493	3.026	1.902	26.018	555.22		0	
"2014-04-26	19:00:00"	21.46	227.7	10.02	35	15.84	226	11.68	27.24	87.3	87.5	-0.134	2.533	1.795	26.001	263.45		0	
"2014-04-26	20:00:00"	16.92	241.6	12.52	28.43	13.12	238.1	13.35	22.47	84.8	84.4	0.405	3.74	1.921	25.98	87.815		0	
"2014-04-26	21:00:00"	12.84	227.8	12.54	21.28	9.12	224.7	13.08	15.91	82.1	81.3	0.775	5.219	2.899	25.962	16.302		0	
"2014-04-26	22:00:00"	11.07	211.3	9.53	17.7	6.836	211	12.57	12.33	78.83	77.58	1.251	6.405	4.288	25.949	0		0	
"2014-04-26	23:00:00"	7.401	226.5	14.09	12.33	4.246	222.9	17.76	8.16	74.17	72.48	1.69	9.75	8.55	25.955	0		0	
"2014-04-27	00:00:00"	14.12	243.6	11.65	29.63	10.9	239.8	12.98	23.66	77.34	76.6	0.744	7.62	5.393	25.958	0		0	
"2014-04-27	01:00:00"	14.36	263.1	10.03	24.86	10.93	258.3	13.02	19.49	76.84	76.24	0.601	9.28	7.162	25.981	0		0	
"2014-04-27	02:00:00"	21.8	270.2	11.05	40.36	16.6	266.3	13.61	32.01	75.29	74.92	0.365	14.16	12.33	25.991	0		0	
"2014-04-27	03:00:00"	26.31	281.1	9.53	38.57	20	277.3	13.2	33.21	70.74	70.57	0.168	23.54	22	25.997	0		0	
"2014-04-27	04:00:00"	19.36	283.1	8.58	31.42	14.74	279	11.68	26.05	66.61	66.28	0.33	28.61	27.18	26.002	0		0	
"2014-04-27	05:00:00"	15.18	277.9	10.82	29.03	11.48	274	13.4	23.66	64.04	63.57	0.465	30.25	28.75	26.001	0		0	
"2014-04-27	06:00:00"	12.34	251.6	12.67	20.68	9.48	247.7	14.5	16.51	61.25	60.75	0.498	33.15	31.59	25.995	0		0	
"2014-04-27	07:00:00"	10.81	231.1	9.13	16.51	7.532	227.1	10.65	13.52	58.31	57.62	0.691	34.74	33.29	25.98	0.03027		0	
"2014-04-27	08:00:00"	11.82	249.3	9.14	18.3	9.44	244.7	10.76	15.91	57.88	57.41	0.469	28.08	25.77	25.981	52.497		0	
"2014-04-27	09:00:00"	14.18	249.5	12.7	27.84	11.47	245.8	14.69	22.47	59.15	59.49	-0.339	26.46	23.39	25.996	240.17		0	
"2014-04-27	10:00:00"	20.27	267.9	12.82	30.22	15.7	264.4	15.51	26.65	60.86	61.76	-0.901	25.84	22.62	25.998	453.14		0	
"2014-04-27	11:00:00"	20.44	250.9	11.55	33.8	16.61	247.2	13.68	29.63	63.56	64.31	-0.746	22.57	19.52	26.013	637.54		0	
"2014-04-27	12:00:00"	21.93	252.5	13.16	36.19	17.67	248.6	15.31	28.43	66.21	67.24	-1.022	18.92	15.83	26.022	798.75		0	
"2014-04-27	13:00:00"	27.43	261	12.28	43.94	21.56	257.8	14.45	36.78	68.7	70.04	-1.346	14	10.75	26.016	880.88		0	
"2014-04-27	14:00:00"	31.74	262.2	12.55	48.71	25.06	258.1	14.66	39.77	70.45	71.84	-1.393	11.46	8.09	25.996	922.01		0	
"2014-04-27	15:00:00"	29.2	255.4	12.29	45.73	23.32	251.8	14.3	37.38	72	73.21	-1.214	10.71	7.499	25.992	901.73		0	
"2014-04-27	16:00:00"	28.1	260.5	12.73	46.92	22.25	256.6	14.84	39.77	73.38	74.68	-1.299	10.57	7.531	25.983	852.37		0	
"2014-04-27	17:00:00"	26.3	265.7	14.57	42.75	20.88	262.3	16.5	37.98	73.45	74.62	-1.165	12.3	9.45	25.98	732.45		0	
"2014-04-27	18:00:00"	24.59	267.1	14.4	37.38	19.38	263.5	16.88	31.42	73.61	74.53	-0.923	13.19	10.55	25.967	565.32		0	
"2014-04-27	19:00:00"	25.3	277.8	12.09	39.77	19.66	274.9	14.81	35	73.79	74.43	-0.644	12.7	10.13	25.968	364.39		0	
"2014-04-27	20:00:00"	23.59	275.4	10.73	37.98	18.04	272.3	13.65	29.63	72.74	72.94	-0.201	13.46	10.94	25.975	157.04		0	
"2014-04-27	21:00:00"	20.34	261.6	9.98	31.42	15.83	258.5	12.57	27.84	70.39	70	0.392	15.32	12.96	25.978	10.807		0	
"2014-04-27	22:00:00"	19.52	259.5	8.75	30.82	15.31	257.2	11.85	25.45	68.71	68.24	0.471	16.74	14.32	25.988	0		0	
"2014-04-27	23:00:00"	17.22	265.5	9.62	28.43	13.07	262.6	12.89	23.66	67.33	66.73	0.602	18.13	15.8	26.016	0		0	
"2014-04-28	00:00:00"	9.06	303.3	19.61	14.12	6.519	303.4	22.8	11.74	64.07	63.16	0.918	21.09	18.97	26.043	0		0	
"2014-04-28	01:00:00"	8.2	328.6	9.1	13.52	5.66	332.1	8.98	10.54	60.92	59.26	1.658	23.93	22.64	26.04	0		0	
"2014-04-28	02:00:00"	8.46	303.4	31.36	15.91	5.719	302.6	32.69	12.93	58.85	57.6	1.252	25.11	23.27	26.037	0		0	
"2014-04-28	03:00:00"	5.866	290.9	10.43	9.35	3.018	291.4	28.82	4.578	54.69	51.65	3.045	29.01	29.81	26.028	0		0	
"2014-04-28	04:00:00"	4.795	287.3	9.98	6.964	2.104	275.1	28.71	3.982	54.95	51.92	3.037	28.47	28.73	26.022	0		0	
"2014-04-28	05:00:00"	6.187	279.2	36.43	12.93	3.08	301.4	52.83	8.75	54.32	50.3	4.02	29.77	32.16	26.022	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-28	06:00:00"	5.632	248.6	49.86	8.75	3.094	288.2	71.66	6.368	51.65	47.52	4.137	33.32	36.67	26.025	0	0		
"2014-04-28	07:00:00"	6.236	240.2	46.87	9.95	2.941	251.3	69.1	6.368	48.86	45.63	3.223	37.52	39.51	26.026	0.0859	0		
"2014-04-28	08:00:00"	5.421	271.3	13.76	7.561	3.155	295.9	25.67	5.175	50.36	47.67	2.687	36.28	37.84	26.037	47.421	0		
"2014-04-28	09:00:00"	6.245	279.8	13.1	14.12	4.951	278.3	16.11	10.54	56.58	57.4	-0.818	30.31	27.25	26.085	236.78	0		
"2014-04-28	10:00:00"	11.5	276.7	12.67	20.09	9.11	273.2	15.82	17.7	63.49	64.55	-1.065	24.07	21.35	26.134	448.3	0		
"2014-04-28	11:00:00"	17.96	286.4	12.77	29.63	14.23	284.3	16.83	25.45	67.82	68.77	-0.951	20.38	17.9	26.169	631.68	0		
"2014-04-28	12:00:00"	20.25	295.3	12.51	33.8	16.23	295.2	16.16	31.42	69.09	70.22	-1.13	18.29	15.65	26.185	791.86	0		
"2014-04-28	13:00:00"	18.11	302	16.55	28.43	14.75	302.7	19.15	25.45	71.03	72.32	-1.293	16.7	14.17	26.184	887.47	0		
"2014-04-28	14:00:00"	18.48	300.1	17.08	32.61	15.14	299.8	19.11	25.45	73.14	74.57	-1.431	14.42	11.92	26.167	929.51	0		
"2014-04-28	15:00:00"	17.71	299.2	18.2	29.63	14.45	299.1	22.34	27.84	74.11	75.61	-1.507	13.54	11.06	26.148	919.54	0		
"2014-04-28	16:00:00"	18.03	299.1	14.84	33.21	14.69	299.5	18.43	27.24	75.95	77.28	-1.322	11.84	9.48	26.128	855.81	0		
"2014-04-28	17:00:00"	18.45	290.1	15.56	32.61	14.83	289.3	19.29	29.03	77.25	78.55	-1.305	11.05	8.65	26.11	735.37	0		
"2014-04-28	18:00:00"	15.31	280.8	19.01	26.65	12.3	279.2	22.61	21.87	77.84	78.79	-0.946	10.83	8.51	26.099	567.91	0		
"2014-04-28	19:00:00"	11.67	282.6	18.43	20.68	9.18	282	23.36	20.09	78.01	78.77	-0.768	10.77	8.6	26.092	368.31	0		
"2014-04-28	20:00:00"	11.47	284.1	17.39	21.28	9.07	282.3	21.32	19.49	77.74	77.91	-0.176	10.91	8.87	26.079	162.74	0		
"2014-04-28	21:00:00"	7.857	315.2	19.37	14.12	5.536	316.1	21.5	9.95	74.65	73.5	1.155	12.49	11.25	26.08	14.498	0		
"2014-04-28	22:00:00"	9.43	340.7	8.77	14.72	6.825	338.6	9.85	12.93	69.62	68.22	1.397	16.91	15.5	26.092	0	0		
"2014-04-28	23:00:00"	11.56	345.7	11.09	16.51	8.32	342.8	12.37	14.12	67.56	66.71	0.85	19.31	17.4	26.114	0	0		
"2014-04-29	00:00:00"	12.84	342.2	10.28	24.86	9.93	338.8	11.44	20.68	66.57	65.85	0.724	18.11	15.81	26.14	0	0		
"2014-04-29	01:00:00"	18.89	338.8	10.12	32.61	14.97	336.9	11.35	27.84	64.49	64.05	0.445	12.05	8.47	26.165	0	0		
"2014-04-29	02:00:00"	20.29	338.5	10.76	33.8	15.99	336.9	13.74	28.43	62.29	61.95	0.343	10.27	5.86	26.181	0	0		
"2014-04-29	03:00:00"	18.07	12.55	15.04	33.21	13.08	10.73	17.44	24.86	58.32	58.19	0.122	23.58	19.65	26.181	0	0		
"2014-04-29	04:00:00"	14.59	11.26	12.89	23.66	10.79	9.12	13.9	20.68	54.68	54.58	0.097	34.97	31.73	26.175	0	0		
"2014-04-29	05:00:00"	11.14	5.496	13.12	17.7	8.1	1.766	16.2	15.31	52.26	52.12	0.145	40.05	36.7	26.19	0	0		
"2014-04-29	06:00:00"	9.83	349.3	14.46	14.72	6.963	346.4	15.82	11.14	49.81	49.31	0.495	44.33	40.74	26.202	0	0		
"2014-04-29	07:00:00"	11.25	351.4	10.87	16.51	7.886	349.2	13.16	12.33	48.57	48.34	0.228	47.9	43.37	26.216	0.10776	0		
"2014-04-29	08:00:00"	9.1	348.7	12.59	15.91	6.543	348.1	13.96	13.52	47.25	47.32	-0.066	51.65	46.36	26.236	47.033	0		
"2014-04-29	09:00:00"	15.37	15.73	12.18	24.26	11.49	12.63	13.69	20.09	50.44	51.13	-0.682	48.23	43.33	26.274	238.9	0		
"2014-04-29	10:00:00"	15.05	23.22	11.67	23.66	10.49	20.83	13.63	20.68	53.8	54.73	-0.926	43.2	39.39	26.306	459.54	0		
"2014-04-29	11:00:00"	13.34	21.42	13.83	20.68	9.71	17.74	15.87	18.3	57.52	58.62	-1.106	36.33	33.59	26.331	653.5	0		
"2014-04-29	12:00:00"	12.25	19.27	18.36	26.65	8.83	15.66	20.45	20.09	59.63	61.07	-1.443	28.9	26.02	26.351	758.11	0		
"2014-04-29	13:00:00"	11.8	31.4	21.58	24.26	8.21	26.38	23.79	19.49	61.85	63.54	-1.694	21.76	18.75	26.365	938.68	0		
"2014-04-29	14:00:00"	10.43	15.09	33.92	21.87	7.445	12.34	35.29	17.7	63.91	65.63	-1.715	18.37	15.34	26.365	969.12	0		
"2014-04-29	15:00:00"	9.2	9.73	38.07	18.89	6.755	6.024	40.52	17.1	65.59	67.01	-1.42	16.4	13.51	26.361	961.97	0		
"2014-04-29	16:00:00"	10.45	352.2	27.92	22.47	8.27	346.9	30.28	21.28	65.48	66.69	-1.211	15.84	12.59	26.351	631.1	0		
"2014-04-29	17:00:00"	9.95	8.11	30.63	21.28	7.503	5.288	31.38	21.28	66.22	67.21	-0.992	14.09	10.85	26.33	636.45	0		
"2014-04-29	18:00:00"	10.72	339.3	29.25	27.84	8.74	337.3	30.37	22.47	67.36	68.24	-0.886	12.49	9.14	26.33	595.98	0		
"2014-04-29	19:00:00"	9.83	2.121	26.87	24.86	7.606	358.2	27.69	18.89	66.82	67.61	-0.792	12.42	8.95	26.333	391.91	0		
"2014-04-29	20:00:00"	12.25	14.71	18.49	20.09	8.69	10.59	20.72	17.7	65.73	66.27	-0.532	12.97	9.31	26.336	170.56	0		
"2014-04-29	21:00:00"	12.23	28.01	9.94	21.87	8.11	24.77	11.59	22.47	62.63	62.48	0.154	15.82	12.07	26.336	16.08	0		
"2014-04-29	22:00:00"	9.49	55.42	14.32	15.31	5.73	52.99	19.49	12.93	58.31	57.77	0.541	21.42	17.96	26.337	0	0		
"2014-04-29	23:00:00"	9.79	69.29	7.943	15.91	6.062	64.08	15	11.14	54.81	54.05	0.76	26.09	22.83	26.333	0	0		
"2014-04-30	00:00:00"	10.66	62.75	8.66	15.91	6.893	59.79	14.92	12.33	53.97	53.36	0.612	30.39	27.26	26.338	0	0		
"2014-04-30	01:00:00"	11.64	66.72	7.55	16.51	7.707	63.74	14.56	12.33	53.15	52.69	0.459	33.22	30.1	26.357	0	0		
"2014-04-30	02:00:00"	12.59	53.82	10.88	21.87	7.211	47.54	16.51	14.12	52.58	52.26	0.32	35.2	32.08	26.37	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-04-30	03:00:00"	10.42	68.28	8.27	15.91	6.797	64.37	15.94	12.33	51.85	51.46	0.386	36.63	33.59	26.39	0	0		
"2014-04-30	04:00:00"	11.55	62.44	9.71	18.3	7.272	58.73	16.54	14.12	50.82	50.44	0.388	38.71	35.66	26.402	0	0		
"2014-04-30	05:00:00"	13.62	41.72	11.41	26.05	7.698	35.37	13.79	23.07	49.32	49.1	0.22	41.35	37.64	26.409	0	0		
"2014-04-30	06:00:00"	16.13	41.11	9.26	27.24	9.04	35.36	12.22	19.49	47.53	47.38	0.151	45.25	40.73	26.412	0	0		
"2014-04-30	07:00:00"	13.52	35.16	10.1	21.28	7.973	30.03	11.42	16.51	45.54	45.41	0.132	49.53	44.2	26.415	0.14185	0		
"2014-04-30	08:00:00"	9.56	29.86	10.5	15.91	6.257	24.98	12.11	12.33	44.45	44.46	-0.007	52.62	46.72	26.44	47.973	0		
"2014-04-30	09:00:00"	12.03	34.12	12.34	20.09	7.651	28.45	13.65	16.51	46.1	46.84	-0.74	50.96	45.07	26.464	232.71	0		
"2014-04-30	10:00:00"	16.52	38.07	12.55	25.45	10.03	32.8	15.38	23.66	47.89	48.97	-1.076	46.5	41.22	26.481	454.47	0		
"2014-04-30	11:00:00"	16.11	41.3	14.08	24.86	9.98	35.16	17	19.49	50.23	51.61	-1.38	42.82	38.14	26.501	653.6	0		
"2014-04-30	12:00:00"	16.2	34.13	16.3	29.63	10.56	28.86	16.93	24.26	52.84	54.47	-1.622	38.97	34.99	26.512	819.63	0		
"2014-04-30	13:00:00"	14.85	33.01	14.62	25.45	9.82	27.87	17.29	21.28	55.65	57.35	-1.707	34.51	30.97	26.51	925.42	0		
"2014-04-30	14:00:00"	14.1	42.31	19.08	26.05	9.05	36.72	22.34	19.49	58.52	60.62	-2.099	29.72	26.2	26.5	966.95	0		
"2014-04-30	15:00:00"	12.76	33.42	23.56	24.86	8.81	28.04	25.23	18.3	60.97	62.9	-1.934	26.24	23.02	26.484	950.83	0		
"2014-04-30	16:00:00"	10.52	23.59	31.98	23.07	7.35	17.49	32.37	17.1	62.83	64.6	-1.775	24.11	21.1	26.473	876.86	0		
"2014-04-30	17:00:00"	10.54	58.78	32.58	20.68	7.245	53.41	37.52	18.3	64.11	66.04	-1.926	22.9	19.77	26.454	747.08	0		
"2014-04-30	18:00:00"	9.52	51.37	26.6	17.7	6.45	45.12	28.56	15.31	64.57	65.97	-1.402	21.86	18.95	26.438	575.53	0		
"2014-04-30	19:00:00"	9.99	28.37	22.91	19.49	6.967	24.41	25.16	16.51	64.15	65.09	-0.945	21.9	18.99	26.43	372.6	0		
"2014-04-30	20:00:00"	11.65	59.23	14.8	19.49	7.491	54.49	19.13	15.31	63.13	63.73	-0.597	23.09	20.14	26.423	161.42	0		
"2014-04-30	21:00:00"	8.83	66.97	10.18	15.31	5.472	63.49	16.52	10.54	60.43	59.94	0.493	25.34	22.83	26.425	14.456	0		
"2014-04-30	22:00:00"	6.577	84.1	6.537	9.35	3.046	81.9	16.13	4.578	56.64	54.37	2.268	28.5	27.6	26.424	0	0		
"2014-04-30	23:00:00"	8.03	77.75	6.562	11.74	4.075	69.81	15.46	8.16	54.32	52.36	1.962	30.69	29.53	26.427	0	0		
"2014-05-01	00:00:00"	8.91	73.1	5.106	12.33	5.094	65.53	13.87	7.561	51.48	50.22	1.254	32.61	30.57	26.432	0	0		
"2014-05-01	01:00:00"	8.52	73.89	6.997	11.74	4.834	67.33	15.25	8.16	49.4	48.18	1.221	32.81	30.51	26.423	0	0		
"2014-05-01	02:00:00"	8.32	75.03	5.542	10.54	4.693	65.25	14.11	8.16	47.99	46.62	1.365	33.14	30.89	26.41	0	0		
"2014-05-01	03:00:00"	8.19	75.24	6.46	11.14	4.551	65.94	14.88	7.561	48.1	46.79	1.318	32.29	29.99	26.407	0	0		
"2014-05-01	04:00:00"	7.894	65.13	10.27	9.95	4.337	60.08	15.73	7.561	48.06	46.71	1.349	32.72	30.5	26.406	0	0		
"2014-05-01	05:00:00"	6.766	33.85	10.66	12.33	4.218	30.09	13.25	8.75	46.9	46.44	0.463	35.14	31.77	26.42	0	0		
"2014-05-01	06:00:00"	9.51	25.56	12.39	15.31	6.794	23.78	19.17	14.12	47.48	47.32	0.163	34.85	31.04	26.428	0	0		
"2014-05-01	07:00:00"	11.66	19.87	8.82	16.51	8.92	17.53	10.59	14.72	46.64	46.69	-0.048	36.46	32.27	26.435	0.06885	0		
"2014-05-01	08:00:00"	13.23	23.46	8.19	17.7	9.72	19.23	10.79	17.1	45.7	45.84	-0.138	37.22	32.89	26.439	27.954	0		
"2014-05-01	09:00:00"	11.91	30.78	10.79	18.3	7.431	26.9	12.74	16.51	48.41	48.9	-0.486	33.61	29.45	26.441	205	0		
"2014-05-01	10:00:00"	12.56	47.86	11.24	18.3	7.349	40.75	15.05	15.31	54.43	55.61	-1.179	28.37	24.58	26.465	437.63	0		
"2014-05-01	11:00:00"	10.45	62.76	15.84	16.51	6.804	56.33	21	12.93	57.32	58.84	-1.527	25.85	22.11	26.495	426.93	0		
"2014-05-01	12:00:00"	7.508	84.2	29.48	14.72	5.51	79.72	36.22	12.93	60.62	62.03	-1.403	22.58	19.23	26.505	561.3	0		
"2014-05-01	13:00:00"	7.321	89.1	39.41	18.3	5.475	87.1	45.14	13.52	62.78	64.18	-1.402	20.8	17.58	26.507	637.37	0		
"2014-05-01	14:00:00"	7.017	72.23	46.88	19.49	5.055	62.44	53.7	14.72	65.48	67.15	-1.673	18.57	15.72	26.491	815.29	0		
"2014-05-01	15:00:00"	6.183	111.5	67	16.51	4.701	108.6	70.46	14.72	65.54	66.56	-1.018	18.68	15.63	26.472	580.4	0		
"2014-05-01	16:00:00"	7.896	201.9	42.67	16.51	5.861	203.2	46	13.52	64.81	65.66	-0.853	20.17	16.75	26.455	488.93	0		
"2014-05-01	17:00:00"	9.03	212.1	24.72	18.89	6.926	211.7	28.58	15.91	63.6	64.54	-0.942	21.86	18.21	26.436	449.99	0		
"2014-05-01	18:00:00"	7.602	197.6	34.97	14.72	5.499	199.2	38.38	13.52	64.4	65.12	-0.719	21.55	18.17	26.429	386.43	0		
"2014-05-01	19:00:00"	9.34	199	21.97	20.09	6.584	199.9	23.78	15.31	63.02	63.89	-0.864	23.99	20.42	26.427	272.58	0		
"2014-05-01	20:00:00"	13.34	202.8	10.7	20.09	8.82	203.1	15.04	15.31	60.13	60.6	-0.47	29.07	25.66	26.415	110.85	0		
"2014-05-01	21:00:00"	13.98	198.9	8.64	20.68	9.02	198.8	13.83	15.31	56.58	56.53	0.052	37.36	34.23	26.409	20.884	0		
"2014-05-01	22:00:00"	8.28	208.1	12.38	15.31	5.192	207.9	15.59	11.14	53.52	53	0.521	44.53	41.15	26.397	0	0		
"2014-05-01	23:00:00"	6.205	251.5	9.63	7.561	3.421	250.1	11.88	4.578	51.19	49.65	1.54	48.63	45.86	26.39	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-02	00:00:00"	6.523	273.5	14.85	8.75	3.681	274.2	19.2	5.771	50.18	48.41	1.763	51.05	48.37	26.383	0	0		
"2014-05-02	01:00:00"	5.209	293.9	16.47	7.561	2.274	295.4	30.77	3.982	48.04	45.44	2.6	53.86	51.78	26.359	0	0		
"2014-05-02	02:00:00"	7.031	324.8	5.782	9.35	4.648	327.4	7.066	7.561	47.41	46.04	1.369	56.89	52.68	26.351	0	0		
"2014-05-02	03:00:00"	8.5	318.5	6.465	12.93	5.953	319.9	8.07	9.95	48.39	47.61	0.78	58.86	53.92	26.35	0	0		
"2014-05-02	04:00:00"	7.703	317.1	6.948	11.14	5.085	318.3	9.35	7.561	47.44	46.41	1.025	61.31	56.38	26.336	0	0		
"2014-05-02	05:00:00"	8.11	309.6	10.3	12.93	5.941	306.4	14.11	9.95	45.47	44.92	0.545	65.29	58.92	26.327	0	0		
"2014-05-02	06:00:00"	4.162	292.7	30.07	6.368	2.323	268.9	36.76	3.982	42.52	41.37	1.147	70.31	63.58	26.317	0	0		
"2014-05-02	07:00:00"	4.629	315.6	4.669	6.368	1.703	311.6	14.14	3.386	42.75	40.16	2.589	71.07	66.27	26.307	0.22807	0		
"2014-05-02	08:00:00"	5.331	310.2	11.68	9.95	3.382	310.6	20.29	8.16	43.65	42.62	1.025	71.25	64.81	26.317	53.299	0		
"2014-05-02	09:00:00"	7.241	306.1	8.19	11.14	6.017	307.2	10.24	9.35	50.35	50.86	-0.501	59.25	53.65	26.348	246.22	0		
"2014-05-02	10:00:00"	6.852	289	18.26	11.74	5.661	287.6	22.76	10.54	58.76	59.65	-0.89	39.61	37.26	26.39	459.99	0		
"2014-05-02	11:00:00"	8.67	277.7	18.55	14.72	7.127	274.1	23.06	13.52	65.61	66.49	-0.888	21.94	19.87	26.429	638.12	0		
"2014-05-02	12:00:00"	9.07	270.6	25.44	18.3	7.284	267.1	28.9	15.91	67.95	69.04	-1.087	19.57	17.25	26.452	792.16	0		
"2014-05-02	13:00:00"	8.58	266.1	43.21	16.51	7.009	261.2	43.67	15.91	70.64	71.54	-0.9	16.11	13.91	26.451	888.33	0		
"2014-05-02	14:00:00"	9.1	318.7	35.78	18.3	7.475	317.7	40.04	17.7	72.51	73.5	-0.987	13.52	11.45	26.437	930.08	0		
"2014-05-02	15:00:00"	8.02	295.9	56.9	18.3	6.4	294.7	58.29	17.1	73.89	74.94	-1.048	12.95	10.9	26.418	919.45	0		
"2014-05-02	16:00:00"	9.85	291.3	43.76	22.47	8.14	290.5	44.97	18.89	74.63	75.66	-1.028	12.78	10.69	26.401	853.46	0		
"2014-05-02	17:00:00"	9.32	303.2	47.97	19.49	7.606	300.2	50.14	16.51	75.75	76.74	-0.981	12.66	10.71	26.383	731.78	0		
"2014-05-02	18:00:00"	8.52	285.9	36.98	18.3	7.086	279.6	40.66	17.1	76.62	77.13	-0.51	11.49	9.49	26.371	566.61	0		
"2014-05-02	19:00:00"	7.875	299.4	42.65	15.31	6.424	298	47.47	12.93	76.38	76.8	-0.419	10.78	8.7	26.366	374	0		
"2014-05-02	20:00:00"	8.18	310.4	20.35	15.31	6.571	309.7	21.92	12.33	75.86	75.99	-0.128	11.33	9.36	26.36	169.93	0		
"2014-05-02	21:00:00"	5.389	287.3	13.18	12.33	2.968	300	25.53	11.14	72.84	70.59	2.249	13.2	12.74	26.353	17.093	0		
"2014-05-02	22:00:00"	2.832	235.4	11.87	3.982	1	120.4	43.99	1	67.46	63.08	4.381	16.81	17.57	26.33	0	0		
"2014-05-02	23:00:00"	2.053	201.2	25.6	3.982	1.889	85.7	29.27	3.386	64.04	59.59	4.453	19.21	20.97	26.314	0	0		
"2014-05-03	00:00:00"	1.724	233.7	24.24	2.789	1.062	82.2	33.22	2.193	61.02	57.29	3.731	21.43	22.91	26.307	0	0		
"2014-05-03	01:00:00"	2.282	219	15.42	3.982	1	91.3	41.7	1	59.33	54.78	4.546	22.64	25.07	26.295	0	0		
"2014-05-03	02:00:00"	4.313	176.3	14.89	7.561	1.198	130.3	43.66	3.386	57.55	52.73	4.823	24.11	26.23	26.288	0	0		
"2014-05-03	03:00:00"	5.206	191.9	19.63	7.561	1.329	160.2	53.86	3.386	55.9	50.94	4.96	25.43	27.32	26.278	0	0		
"2014-05-03	04:00:00"	2.86	214	16.25	5.771	1	110	73.16	1	54.46	50.56	3.895	26.27	27.29	26.268	0	0		
"2014-05-03	05:00:00"	1.597	249.6	19.88	2.789	1	44.63	29.08	1	53.1	49.88	3.219	27.07	29.13	26.257	0	0		
"2014-05-03	06:00:00"	2.228	275	22.85	5.771	1.091	59.61	54.97	4.578	54.29	49.64	4.653	26.03	30.82	26.253	0	0		
"2014-05-03	07:00:00"	4.377	307.3	28.25	6.964	2.157	328	48.34	5.175	55.06	50.38	4.681	26.37	29.1	26.261	0.29431	0		
"2014-05-03	08:00:00"	3.384	325.1	26.18	5.771	1.588	4.275	64.39	2.789	56.33	52.19	4.139	27.16	30.9	26.276	59.143	0		
"2014-05-03	09:00:00"	5.067	287.5	13.58	9.35	3.872	277.2	20.24	9.35	62.14	62.65	-0.509	24.96	22.87	26.316	251.81	0		
"2014-05-03	10:00:00"	6.135	240.1	20.73	9.35	4.944	236.8	20.62	8.16	69.15	69.7	-0.551	20.1	18.07	26.375	455.33	0		
"2014-05-03	11:00:00"	9.13	242.6	16.1	18.3	7.392	239.2	16.86	15.91	76.87	77.17	-0.301	13.69	12.2	26.414	630.04	0		
"2014-05-03	12:00:00"	12.23	237.1	26.79	20.68	9.62	235.3	26.69	17.1	81.3	82.1	-0.825	9.93	8.1	26.452	783.82	0		
"2014-05-03	13:00:00"	10.78	217.7	22.61	23.07	8.18	218.5	24.41	15.91	83.3	84.5	-1.127	9.6	7.609	26.467	882.14	0		
"2014-05-03	14:00:00"	10.6	213.4	23.18	19.49	7.981	214.2	24.62	17.1	85	86.4	-1.384	8.36	6.216	26.457	925.04	0		
"2014-05-03	15:00:00"	10.42	199.8	36.28	30.22	7.725	200.6	37.22	25.45	86.7	88	-1.333	7.269	5.153	26.443	917.54	0		
"2014-05-03	16:00:00"	10.81	209.3	35.48	21.28	7.942	207.5	36.16	18.89	87.1	88.4	-1.258	6.726	4.568	26.429	856.17	0		
"2014-05-03	17:00:00"	10.39	206.9	33.05	21.87	7.607	207.2	32.73	16.51	87.6	88.9	-1.254	6.043	3.791	26.411	738.67	0		
"2014-05-03	18:00:00"	10.23	188.3	23.69	20.68	7.078	188.9	27.13	15.91	87.4	88.5	-1.016	6.139	3.855	26.4	570.01	0		
"2014-05-03	19:00:00"	11.45	200.2	19.63	21.28	8.01	200.3	23.13	14.72	86.5	87.4	-0.897	6.198	3.889	26.389	373.21	0		
"2014-05-03	20:00:00"	12.74	196.4	14.39	18.89	8.22	196.6	18.35	14.72	85.3	85.5	-0.192	6.251	3.943	26.377	171.68	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-03	21:00:00"	8.5	185.5	6.677	15.91	4.096	179.8	15.41	11.14	80.1	77.83	2.261	8.62	7.463	26.371	17.759		0	
"2014-05-03	22:00:00"	7.703	169.8	7.164	9.35	2.859	159.7	12.14	4.578	73.16	68.66	4.497	12.31	12.5	26.343		0	0	
"2014-05-03	23:00:00"	7.911	152.3	7.495	11.14	3.157	140.2	13.28	6.368	69.56	65.54	4.023	15	14.82	26.331		0	0	
"2014-05-04	00:00:00"	8.93	150.6	5.831	11.14	3.904	142.3	13	6.368	67.04	64.16	2.885	16.88	15.98	26.329		0	0	
"2014-05-04	01:00:00"	9.81	155.9	7.518	15.31	4.697	150.8	15.85	9.95	66.33	63.96	2.369	16.8	15.37	26.327		0	0	
"2014-05-04	02:00:00"	11.7	166.8	9.12	20.68	6.37	166.4	15.71	13.52	66.2	64.46	1.749	16.66	14.66	26.332		0	0	
"2014-05-04	03:00:00"	11.71	181.8	8.1	19.49	6.712	181.8	15.68	14.72	66.42	65.3	1.122	18.6	16.38	26.335		0	0	
"2014-05-04	04:00:00"	7.379	181.2	7.862	11.14	3.305	176.9	15.58	7.561	61.88	59.6	2.283	22.22	20.81	26.315		0	0	
"2014-05-04	05:00:00"	7.12	183.1	7.92	9.95	3.112	183.7	15.6	5.771	59.65	57.12	2.532	24.44	23.31	26.291		0	0	
"2014-05-04	06:00:00"	7.875	183	7.876	13.52	3.911	186.5	15.96	9.35	58.64	56.87	1.776	26.67	24.99	26.285		0	0	
"2014-05-04	07:00:00"	6.963	186.1	6.764	9.95	2.708	187.2	13.21	4.578	55.3	52.58	2.724	30.22	29.53	26.282	0.35586		0	
"2014-05-04	08:00:00"	6.864	187.7	7.561	9.35	2.77	185.5	16.21	5.175	55.88	53.36	2.522	30.4	29.75	26.28	63.143		0	
"2014-05-04	09:00:00"	8.15	189.7	10.37	11.74	5.523	191.4	15.97	9.95	63.13	63.8	-0.666	24.02	21	26.315	261.42		0	
"2014-05-04	10:00:00"	10.13	202.3	10.28	14.12	7.04	203.2	15.19	11.74	70.48	71.7	-1.217	16.32	13.66	26.361	467.26		0	
"2014-05-04	11:00:00"	10.91	210.6	11.46	17.1	7.87	210.7	14.59	13.52	76.48	77.6	-1.12	11.33	8.99	26.398	644.76		0	
"2014-05-04	12:00:00"	14.09	211.9	11.8	21.87	10.19	212	14.89	16.51	81.9	83.4	-1.453	7.969	5.556	26.414	798.38		0	
"2014-05-04	13:00:00"	14.28	216.4	13.04	21.87	10.51	215.1	15.38	18.3	85.8	87.4	-1.548	5.441	2.957	26.422	895.59		0	
"2014-05-04	14:00:00"	13.14	219.7	17.41	21.28	9.98	219.1	18.8	18.89	88.3	89.6	-1.349	4.024	1.938	26.412	936.8		0	
"2014-05-04	15:00:00"	10.24	229.4	31.14	26.65	7.898	228.7	33.3	18.89	90.8	92	-1.157	2.828	1.833	26.394	928.67		0	
"2014-05-04	16:00:00"	10.11	225.2	32.87	19.49	7.873	221.6	35	15.31	92.2	93.1	-0.898	2.088	1.833	26.378	865.86		0	
"2014-05-04	17:00:00"	9.58	226.3	44.36	20.68	7.232	224.8	45.33	20.68	93.5	94.2	-0.702	1.441	1.834	26.355	744.07		0	
"2014-05-04	18:00:00"	8.6	222	50.15	18.3	6.848	222.5	52.74	16.51	93.3	93.6	-0.316	1.367	1.833	26.336	580.05		0	
"2014-05-04	19:00:00"	9.08	230.2	26.32	21.28	6.874	226.9	27.71	17.7	92.9	93.2	-0.337	1.453	1.833	26.322	381.82		0	
"2014-05-04	20:00:00"	9.51	262.4	17.43	16.51	7.452	258.9	19.18	14.72	91.7	91.4	0.323	1.4	1.833	26.313	180.14		0	
"2014-05-04	21:00:00"	4.489	252.9	21.36	9.95	2.388	245.6	38.4	6.964	86.7	83.8	2.946	3.025	2.556	26.305	19.264		0	
"2014-05-04	22:00:00"	3.067	252.6	25.03	5.175	1.294	116.2	74.54	2.789	80	74.2	5.821	5.731	6.35	26.282	0		0	
"2014-05-04	23:00:00"	4.562	253.6	21.02	9.35	1.784	247.5	73.6	5.771	76.5	70.96	5.54	7.055	7.905	26.268	0		0	
"2014-05-05	00:00:00"	4.683	202.9	36.36	17.7	2.35	79.83	66.09	11.14	72.54	67.76	4.787	9.02	9.36	26.263	0		0	
"2014-05-05	01:00:00"	14.37	171	9.75	22.47	8.22	171	16.38	17.1	73.11	71.67	1.432	18.77	17.59	26.275	0		0	
"2014-05-05	02:00:00"	12.95	169.4	7.982	18.89	7.285	167.6	15.59	13.52	71.25	70.12	1.135	22.76	21.84	26.288	0		0	
"2014-05-05	03:00:00"	8.1	189.8	14.84	14.72	4.277	196.7	25.6	9.35	68.18	66.44	1.74	25.54	25.08	26.274	0		0	
"2014-05-05	04:00:00"	4.597	206.2	14.75	7.561	1.933	229.2	47.84	4.578	64.88	61.98	2.901	28.7	29.26	26.248	0		0	
"2014-05-05	05:00:00"	4.721	205.3	11.7	8.16	1.84	229.2	45.5	3.982	63.92	60.15	3.764	30.13	31.69	26.232	0		0	
"2014-05-05	06:00:00"	5.187	224.6	8.16	6.964	1.864	250.2	26.09	3.982	62.18	57.53	4.644	32.13	34.79	26.227	0		0	
"2014-05-05	07:00:00"	3.982	219.5	17.01	6.368	1.332	262.2	50.23	3.386	60.18	55.86	4.322	34.77	37.38	26.217	0.37768		0	
"2014-05-05	08:00:00"	4.356	253.2	29.06	5.771	2.233	272	47.77	5.175	60.43	57.07	3.359	35.45	37.63	26.227	61.577		0	
"2014-05-05	09:00:00"	4.983	251.8	21.63	8.75	3.573	245.1	24.45	7.561	64.2	64.87	-0.673	33.27	31.05	26.262	256.73		0	
"2014-05-05	10:00:00"	7.511	220.5	12.01	11.74	5.842	220.7	14.17	10.54	69.6	70.4	-0.801	27.96	26.18	26.299	464.28		0	
"2014-05-05	11:00:00"	8.07	244.9	17.33	14.12	6.612	241.7	19.32	12.93	79.14	79.41	-0.269	17.15	16.19	26.331	635.17		0	
"2014-05-05	12:00:00"	9.23	299.8	25.76	17.1	7.615	298.1	29.51	15.31	87.6	88.2	-0.652	5.959	4.39	26.359	783.86		0	
"2014-05-05	13:00:00"	9.68	294.1	29.93	20.09	7.998	291.7	33.46	17.7	91.1	92	-0.974	3.619	2.122	26.368	884		0	
"2014-05-05	14:00:00"	9.39	278.7	37.23	21.87	7.727	275.9	40.65	18.3	93.4	94.2	-0.802	2.685	1.846	26.353	927.12		0	
"2014-05-05	15:00:00"	11.53	261.9	31.82	30.22	9.24	259.6	34.41	24.86	93.9	94.9	-0.99	2.548	1.837	26.331	917.62		0	
"2014-05-05	16:00:00"	14.02	238.6	20.82	25.45	10.92	236.1	22.13	21.28	94.1	95.1	-1.045	2.549	1.849	26.309	856.2		0	
"2014-05-05	17:00:00"	15.13	246.7	19.42	27.24	12.1	243.6	21.18	23.07	94.3	95.2	-0.892	2.658	1.885	26.28	735.5		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-05	18:00:00"	13.44	247.7	16.56	28.43	10.75	244.7	18.5	21.28	94.5	94.9	-0.444	2.675	1.85	26.254	565.84		0	
"2014-05-05	19:00:00"	17.23	251.3	12.79	27.84	13.77	249.4	15.56	23.66	93.8	94.1	-0.285	3.211	1.84	26.237	357.32		0	
"2014-05-05	20:00:00"	16.68	253.1	10.29	26.65	13.25	250.4	12.44	22.47	92	91.8	0.248	4.687	2.799	26.231	174.15		0	
"2014-05-05	21:00:00"	11.98	246.1	8.63	23.07	9.3	243.7	10	20.09	88.1	87.3	0.772	7.117	5.499	26.228	18.829		0	
"2014-05-05	22:00:00"	8.99	258	7.783	12.93	6.134	253	9.61	10.54	82.5	80.9	1.585	10.53	9.53	26.218	0		0	
"2014-05-05	23:00:00"	7.745	277.1	10.98	11.74	4.944	274.9	16.78	8.16	79.6	77.5	2.107	11.5	10.78	26.206	0		0	
"2014-05-06	00:00:00"	9.36	291.1	6.116	14.72	6.137	294.7	10.07	11.14	77.48	75.67	1.808	12.01	10.93	26.198	0		0	
"2014-05-06	01:00:00"	6.431	317.2	10.95	9.35	3.46	326.1	13.49	5.771	75.39	71.98	3.402	13.03	13.23	26.182	0		0	
"2014-05-06	02:00:00"	6.826	144.8	61.22	17.1	3.696	135.5	29.37	10.54	70.87	67.29	3.586	16.6	16.83	26.165	0		0	
"2014-05-06	03:00:00"	6.229	180.4	28.37	12.93	2.655	185.2	77.41	6.368	70.12	67.03	3.094	20.09	19.33	26.149	0		0	
"2014-05-06	04:00:00"	3.286	245.3	28.38	6.368	1.399	279.7	68.3	4.578	68.08	64.38	3.708	26.97	28.06	26.131	0		0	
"2014-05-06	05:00:00"	4.147	277.8	19.09	6.368	2.199	317.9	25.77	3.982	66.33	62.13	4.193	29.97	31.13	26.116	0		0	
"2014-05-06	06:00:00"	2.078	315.6	51.51	3.982	1.527	64.68	30.18	3.386	64.33	59.6	4.731	36.71	37.58	26.106	0		0	
"2014-05-06	07:00:00"	2.248	293.7	30.76	3.386	1.182	20.93	57.55	2.789	63.8	58.19	5.603	39.64	42.62	26.102	0.38034		0	
"2014-05-06	08:00:00"	2.508	283.9	17.73	3.982	1	318.7	52.29	1	64.39	59.61	4.778	39.84	43.33	26.105	60.886		0	
"2014-05-06	09:00:00"	4	265.6	16.96	9.35	3.072	264.7	24.7	8.16	69.85	70.24	-0.392	28.36	28.26	26.14	241.3		0	
"2014-05-06	10:00:00"	8.56	251.3	14.59	16.51	6.992	247.7	17.36	12.93	77.15	77.54	-0.398	14.3	13.09	26.192	455.53		0	
"2014-05-06	11:00:00"	14.75	274	12.45	22.47	11.26	269.7	16.75	20.09	83.2	84.2	-1.024	9.1	7.353	26.225	646.53		0	
"2014-05-06	12:00:00"	16.13	271.7	13.44	25.45	12.8	267.5	16.5	21.28	84.6	85.9	-1.296	9.22	7.397	26.243	792.84		0	
"2014-05-06	13:00:00"	15.91	257	13.43	32.61	12.82	253.1	15.78	26.05	85.3	86.5	-1.194	9.56	7.75	26.235	883.17		0	
"2014-05-06	14:00:00"	16.53	250.8	21.1	27.24	13.17	247.3	22.06	23.07	86.8	88.1	-1.29	7.258	5.218	26.215	931.71		0	
"2014-05-06	15:00:00"	18.83	237	15.53	32.01	14.65	234.3	16.99	26.05	88.1	89.4	-1.332	5.993	3.695	26.19	923.27		0	
"2014-05-06	16:00:00"	19.15	236.8	16.47	34.4	14.82	234	17.05	27.84	87.9	89.1	-1.212	6.335	4.02	26.172	860.34		0	
"2014-05-06	17:00:00"	19.38	251.6	16	33.21	15.45	248.2	17.31	27.84	88.6	89.6	-1.067	5.912	3.7	26.146	744.59		0	
"2014-05-06	18:00:00"	20.54	243.2	17.13	33.8	15.83	240	18.82	29.03	88.6	89.4	-0.792	5.016	2.639	26.135	565.82		0	
"2014-05-06	19:00:00"	20.91	239.4	13.14	35.59	16.16	236.2	13.64	27.84	88.3	88.8	-0.523	5.248	2.872	26.135	409.06		0	
"2014-05-06	20:00:00"	18.35	244.9	10.67	30.82	14.68	241.4	11.96	26.05	87.2	87.1	0.09	6.483	4.283	26.126	196.03		0	
"2014-05-06	21:00:00"	12.66	252	8.42	26.65	9.8	248.1	10.19	21.28	83.8	83.1	0.715	8.9	7.177	26.116	19.663		0	
"2014-05-06	22:00:00"	8.18	221.6	12.79	13.52	4.698	216.7	14.5	9.35	78.65	76.88	1.766	12.83	11.75	26.111	0		0	
"2014-05-06	23:00:00"	8.47	209.4	8.06	11.14	4.681	208.1	12.61	7.561	76.43	75	1.433	18.92	18.34	26.11	0		0	
"2014-05-07	00:00:00"	8.25	191.8	10.43	11.14	4.075	188.3	16.54	6.964	73.82	72.01	1.805	22.75	22.79	26.111	0		0	
"2014-05-07	01:00:00"	8.85	189.6	14.95	17.7	4.794	188.4	19.62	11.14	73.1	71.95	1.154	23.88	23.5	26.112	0		0	
"2014-05-07	02:00:00"	8.83	184.1	20.92	12.93	4.831	183.3	27.15	9.35	69.42	68.11	1.309	27.88	27.47	26.108	0		0	
"2014-05-07	03:00:00"	7.052	213.8	11.27	10.54	3.994	217.1	15.2	6.368	69.08	67.88	1.199	30.27	30.02	26.095	0		0	
"2014-05-07	04:00:00"	5.736	214.4	39.07	11.74	2.649	203.2	57.56	6.964	66.15	63.74	2.413	33.75	34.42	26.08	0		0	
"2014-05-07	05:00:00"	4.92	161.9	9.08	10.54	1.852	114.6	34.85	5.771	64.12	61.35	2.768	38.09	39.52	26.061	0		0	
"2014-05-07	06:00:00"	2.904	198.2	23.95	6.368	1.354	111.8	76.1	3.982	63.13	60.4	2.726	40.57	41.9	26.049	0		0	
"2014-05-07	07:00:00"	5.896	180.9	24.99	13.52	2.569	149.7	34.02	8.75	62.85	59.55	3.296	42.64	44.47	26.046	0.43333		0	
"2014-05-07	08:00:00"	5.835	157.3	11.01	12.93	2.539	149.6	26.96	7.561	61.9	60.66	1.234	46.57	45.62	26.074	60.643		0	
"2014-05-07	09:00:00"	7.479	183	15.7	14.12	4.895	184.7	22.25	11.74	69.56	70.31	-0.748	37.1	35.75	26.112	245.61		0	
"2014-05-07	10:00:00"	11.68	184.7	13.18	18.3	7.703	187	19.16	12.93	75.18	76.58	-1.399	29.49	28.33	26.157	451.27		0	
"2014-05-07	11:00:00"	11.78	200.4	14.09	20.09	8.23	202	17.69	14.72	79.29	80.7	-1.384	23.99	22.74	26.179	625.89		0	
"2014-05-07	12:00:00"	11.38	206.1	18.66	24.86	8.14	206.5	20.77	20.09	82.5	84	-1.505	20.71	19.37	26.193	779.54		0	
"2014-05-07	13:00:00"	13.71	204.4	20.68	24.26	9.73	205	22.73	19.49	84.3	86.1	-1.83	20.04	18.52	26.19	872.8		0	
"2014-05-07	14:00:00"	17.32	217.9	18.38	29.63	12.69	218.3	19.09	25.45	86.8	88.5	-1.739	13.57	11.93	26.171	920.42		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-07	15:00:00"	18.92	216.6	16.06	33.21	13.5	216.8	17.46	24.26	87.1	89	-1.956	13.77	11.93	26.16	870.51	0		
"2014-05-07	16:00:00"	20.5	220	17.97	33.8	14.83	220.1	18.68	27.84	88.3	89.8	-1.555	11.4	9.66	26.143	851.86	0		
"2014-05-07	17:00:00"	21.76	227.2	14.19	39.17	15.96	225.7	15.34	32.01	88.4	89.5	-1.122	9.41	7.575	26.119	569.07	0		
"2014-05-07	18:00:00"	22.93	233.5	10.99	35	17.29	231.5	11.98	32.01	87.3	87.8	-0.456	9.48	7.752	26.103	315.39	0		
"2014-05-07	19:00:00"	21.12	232.3	10.82	39.77	15.75	230.4	12.08	29.03	86.6	86.8	-0.224	10.12	8.51	26.093	201.19	0		
"2014-05-07	20:00:00"	19.04	233.2	9.33	30.82	14.27	230.9	10.62	23.66	86.2	86.1	0.086	10.03	8.44	26.081	148.68	0		
"2014-05-07	21:00:00"	11.76	246.5	8.91	25.45	9.12	243	9.95	19.49	83.5	83	0.506	11.01	9.62	26.076	12.507	0		
"2014-05-07	22:00:00"	10.09	241	14.38	23.07	7.357	236.7	16.32	16.51	81.8	81.1	0.679	12.09	10.8	26.083	0	0		
"2014-05-07	23:00:00"	13.37	287.1	13.35	22.47	10.42	285.7	17.13	18.3	79.18	78.87	0.309	10.16	8.13	26.126	0	0		
"2014-05-08	00:00:00"	10.95	293.6	8.06	17.7	8.5	293.5	11.18	15.91	76.15	75.78	0.375	9.69	7.262	26.14	0	0		
"2014-05-08	01:00:00"	10.47	295.9	7.534	16.51	7.887	295.1	10.32	12.93	72.32	71.75	0.574	11.47	8.77	26.126	0	0		
"2014-05-08	02:00:00"	7.364	305.2	7.333	10.54	4.869	305	10.26	8.16	68.57	67.45	1.128	13.39	10.84	26.119	0	0		
"2014-05-08	03:00:00"	5.339	321.4	13.63	9.35	2.808	326.2	29.52	4.578	66.82	64.25	2.575	12.81	11.18	26.111	0	0		
"2014-05-08	04:00:00"	4.92	97.3	28.11	9.35	2.809	88.7	17.83	4.578	63.76	58.75	5.008	14.55	15.07	26.112	0	0		
"2014-05-08	05:00:00"	3.138	86.7	73.92	7.561	2.047	50.4	81.6	5.771	61.96	57.53	4.428	15.66	15.88	26.116	0	0		
"2014-05-08	06:00:00"	7.288	333.5	8.6	9.95	4.014	332.6	12.4	6.964	62.76	58.57	4.19	15.11	15.02	26.118	0	0		
"2014-05-08	07:00:00"	9.12	320.8	9.25	15.31	6.131	322.7	12.48	10.54	60.92	59	1.92	17.35	14.97	26.135	0.47053	0		
"2014-05-08	08:00:00"	10.08	333.5	6.913	15.31	7.664	331.4	8.72	12.33	60.68	59.87	0.81	18.32	15.28	26.165	69.045	0		
"2014-05-08	09:00:00"	8.47	339.9	10.75	12.93	6.823	336	12.07	11.14	65.13	65.58	-0.45	16.36	13.19	26.203	268.08	0		
"2014-05-08	10:00:00"	7.949	339.2	18.11	12.93	6.468	335.8	19.06	10.54	69.93	70.97	-1.04	13.14	10.07	26.24	483.31	0		
"2014-05-08	11:00:00"	9.34	288.4	29.68	19.49	7.702	287.1	33.71	16.51	72.76	73.6	-0.842	11.62	8.71	26.267	666.66	0		
"2014-05-08	12:00:00"	14.49	263.7	17.31	24.86	11.49	259.4	19.47	20.09	74.22	75.54	-1.314	11	8.08	26.281	823.42	0		
"2014-05-08	13:00:00"	15.93	252.4	15.8	28.43	12.92	249.3	18.09	26.05	75.95	77.18	-1.231	10.23	7.369	26.279	920.41	0		
"2014-05-08	14:00:00"	17.44	240.8	20.17	33.21	13.71	238	20.39	30.22	77.42	78.87	-1.452	8.22	5.079	26.268	961.48	0		
"2014-05-08	15:00:00"	17.46	237.7	21.09	32.61	12.77	234.1	21.82	27.24	79.04	80.7	-1.696	6.961	3.702	26.253	944.52	0		
"2014-05-08	16:00:00"	20.52	234.6	13.84	35	15.78	232.3	14.42	31.42	79.86	81.3	-1.405	6.687	3.442	26.246	879.02	0		
"2014-05-08	17:00:00"	22.21	245.6	13.53	39.77	17.82	243.3	15.12	34.4	80.1	81.1	-0.978	5.566	2.407	26.233	763.58	0		
"2014-05-08	18:00:00"	21.68	240.2	11.08	35	17.03	237.4	13.15	28.43	80.1	80.9	-0.76	5.319	2.063	26.228	591.43	0		
"2014-05-08	19:00:00"	21.08	241.1	12.82	35	16.4	237.9	14.6	26.65	79.63	80.2	-0.53	5.557	2.274	26.226	392.77	0		
"2014-05-08	20:00:00"	18.1	256.4	15.33	29.03	14.08	252.8	17.33	23.66	78.44	78.4	0.038	6.862	3.81	26.233	183.82	0		
"2014-05-08	21:00:00"	14.52	276.3	10.07	23.07	10.82	273.2	13.47	18.3	75.16	74.67	0.489	8.83	5.967	26.249	22.183	0		
"2014-05-08	22:00:00"	11.23	283.4	7.528	20.09	8.11	282.2	11.5	15.91	71.34	70.54	0.804	11.96	9.11	26.259	0	0		
"2014-05-08	23:00:00"	9.6	284.7	7.26	14.12	6.757	286.5	11.05	11.14	68.39	67.24	1.154	13.56	10.7	26.263	0	0		
"2014-05-09	00:00:00"	8.51	308.9	14.62	12.93	5.355	312.4	14.73	10.54	64.93	63.08	1.854	15.91	13.36	26.269	0	0		
"2014-05-09	01:00:00"	10.75	337.6	12.22	18.89	7.808	339	13.79	13.52	62.25	61.45	0.798	20.33	16.99	26.265	0	0		
"2014-05-09	02:00:00"	11.56	342.6	9.89	19.49	8.6	339.2	11.55	16.51	61.63	60.86	0.764	24.45	21.63	26.262	0	0		
"2014-05-09	03:00:00"	14.55	344	10.64	21.28	11.04	340.3	11.9	19.49	61.47	60.94	0.538	24.23	21.25	26.257	0	0		
"2014-05-09	04:00:00"	12.28	348.9	12.34	20.68	8.69	346.5	13.33	17.1	59.89	59.35	0.545	25.53	22.51	26.255	0	0		
"2014-05-09	05:00:00"	3.56	297.6	83.3	9.35	2.483	300.1	86.7	7.561	57.79	55.99	1.795	27.46	25.67	26.266	0	0		
"2014-05-09	06:00:00"	3.021	323.5	29.73	5.175	1.502	333	34.97	3.386	56.61	52.69	3.914	28.93	29.95	26.257	0	0		
"2014-05-09	07:00:00"	2.472	311.4	27.43	3.982	1.002	354.3	61.15	1.596	54.75	51.91	2.834	31.39	31.37	26.256	0.67382	0		
"2014-05-09	08:00:00"	5.563	320	8.44	8.16	3.609	320.4	11.89	6.964	56.35	54.5	1.855	29.74	29.85	26.267	88.558	0		
"2014-05-09	09:00:00"	6.179	321.4	22.3	9.35	4.939	320	23.39	8.16	62.24	62.56	-0.322	24.9	22.41	26.305	233.33	0		
"2014-05-09	10:00:00"	5.584	279.8	34.29	9.35	4.499	278.5	35.7	7.561	68.27	69.4	-1.131	20.39	17.64	26.354	482.62	0		
"2014-05-09	11:00:00"	6.517	5.96	79.82	12.93	4.67	3.802	77.61	10.54	72.47	73.59	-1.119	16.87	14.79	26.374	660.27	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-09	12:00:00"	4.786	325.4	71.54	11.14	4.016	311.7	75.68	11.14	77	77.45	-0.441	12.98	11.48	26.387	809.97	0		
"2014-05-09	13:00:00"	6.125	237.9	55.19	14.72	4.923	240.9	57.94	12.93	79.77	80.2	-0.431	10.95	9.02	26.394	891.57	0		
"2014-05-09	14:00:00"	9.77	236	32.87	24.86	7.579	235.3	35.13	19.49	80.6	81.5	-0.999	9.62	7.161	26.376	870.17	0		
"2014-05-09	15:00:00"	10.96	213.3	26.82	23.07	8.15	211.8	28.98	19.49	82	83.4	-1.383	8.06	5.321	26.347	947.04	0		
"2014-05-09	16:00:00"	13.94	225.2	20.61	24.86	10.63	223.9	22.18	21.28	83.2	84.5	-1.37	6.158	3.296	26.32	880.57	0		
"2014-05-09	17:00:00"	14.94	228.2	17.39	24.26	11.48	227.1	18.76	20.68	83.6	84.7	-1.143	5.396	2.469	26.294	760.62	0		
"2014-05-09	18:00:00"	13.11	226.6	14.97	22.47	9.86	226.1	16.75	20.09	83.8	84.7	-0.921	5.629	2.748	26.269	591.58	0		
"2014-05-09	19:00:00"	13.47	219.3	20.62	23.66	9.94	218.9	21.12	20.68	84.1	84.9	-0.757	5.901	3.115	26.253	391.96	0		
"2014-05-09	20:00:00"	12.08	200.6	13.22	18.89	7.892	202.3	17	13.52	83.4	83.6	-0.139	6.536	3.889	26.241	186.19	0		
"2014-05-09	21:00:00"	10.05	195.6	7.236	16.51	5.778	195.5	13.86	11.74	80.1	78.99	1.116	8.28	6.198	26.236	24.567	0		
"2014-05-09	22:00:00"	7.16	210.8	25.29	11.74	3.249	207.4	32.38	6.368	74.68	71.9	2.776	11.07	9.83	26.22	0	0		
"2014-05-09	23:00:00"	6.803	215.7	19.69	11.14	3.177	211.8	30.83	6.368	71.66	68.24	3.426	12.86	11.86	26.212	0	0		
"2014-05-10	00:00:00"	7.581	210.1	14.62	12.33	3.938	210.1	21.14	8.75	70.75	68.11	2.647	13.75	12.3	26.216	0	0		
"2014-05-10	01:00:00"	5.743	200	27.9	12.33	2.707	200.5	50.83	7.561	68.41	65.57	2.84	15.96	14.63	26.216	0	0		
"2014-05-10	02:00:00"	5.15	181.7	22.29	9.35	2.059	177.8	59.37	6.368	65.83	61.81	4.021	18.19	17.82	26.195	0	0		
"2014-05-10	03:00:00"	4.192	172.3	37.23	8.16	1.962	144.9	88.5	5.771	62.42	59.13	3.293	21.18	20.34	26.165	0	0		
"2014-05-10	04:00:00"	2.874	221.2	46.14	5.175	1.278	305.2	80.6	4.578	60.08	56.27	3.814	23.16	23.29	26.136	0	0		
"2014-05-10	05:00:00"	5.412	187.6	26.07	11.14	2.16	158	48.09	6.368	60.43	55.93	4.502	24.82	24.94	26.126	0	0		
"2014-05-10	06:00:00"	4.647	208.3	18.27	9.35	1.798	196.1	50.84	5.771	58.8	55.76	3.04	31.41	31.17	26.133	0	0		
"2014-05-10	07:00:00"	3.382	200.8	17.94	6.368	1.264	189.9	72.31	2.789	56.97	53.98	2.988	40.14	38.18	26.131	0.76077	0		
"2014-05-10	08:00:00"	2.744	201.9	14.25	5.771	1.201	300.8	79.12	2.789	57.86	55.89	1.972	52.07	46.5	26.134	71.699	0		
"2014-05-10	09:00:00"	5.858	218.9	12.05	9.95	4.383	218.2	14.19	8.16	61.79	62.47	-0.684	58.24	52.43	26.175	269.38	0		
"2014-05-10	10:00:00"	7.503	223.2	14.35	10.54	5.733	221.6	16.35	9.95	67.68	68.65	-0.967	47.63	44.82	26.222	486.17	0		
"2014-05-10	11:00:00"	8.45	247.5	17.32	12.33	7.003	243.9	19.3	11.74	75.73	76.22	-0.49	27.09	26.6	26.256	652.63	0		
"2014-05-10	12:00:00"	7.602	241.5	26.38	17.1	6.179	239.6	27.59	12.93	82.2	82.7	-0.521	14.5	13.45	26.278	799.16	0		
"2014-05-10	13:00:00"	10.94	223.4	20.53	19.49	8.38	222.4	21.38	15.91	85.2	86.2	-1.05	8.29	6.37	26.28	897.13	0		
"2014-05-10	14:00:00"	13	225.2	21.01	29.63	9.84	224.9	22.52	24.86	87.6	88.9	-1.299	5.661	3.474	26.259	938.31	0		
"2014-05-10	15:00:00"	16.54	226.4	17.94	32.01	12.29	225.1	18.55	26.05	89.4	90.9	-1.502	4.511	2.252	26.231	928.86	0		
"2014-05-10	16:00:00"	22.82	232.3	15.55	37.38	17.38	230.4	16.65	30.82	90.2	91.5	-1.295	3.937	1.852	26.21	868.31	0		
"2014-05-10	17:00:00"	22.45	230.7	13.4	33.21	16.78	228.8	14.3	27.84	90.4	91.5	-1.127	3.792	1.833	26.186	748.85	0		
"2014-05-10	18:00:00"	21.85	223.9	13.35	37.38	15.64	222.8	14.5	26.65	90.9	91.9	-1.024	3.655	1.833	26.161	583.73	0		
"2014-05-10	19:00:00"	20.26	229.1	13.43	32.61	15.08	227.2	14.91	27.24	90.7	91.2	-0.562	3.559	1.833	26.15	387.4	0		
"2014-05-10	20:00:00"	17.24	231.5	9.18	29.03	12.81	228.8	11.09	24.26	90.2	90	0.223	3.417	1.831	26.138	185.11	0		
"2014-05-10	21:00:00"	10.75	230.6	8.49	20.68	7.377	227.8	10.5	16.51	86.5	85.4	1.055	5.03	2.991	26.137	24.602	0		
"2014-05-10	22:00:00"	6.363	220.3	11.42	9.35	2.701	237.4	51.36	5.771	79.86	76.19	3.67	7.695	7.055	26.123	0	0		
"2014-05-10	23:00:00"	5.553	269.6	17.28	9.95	2.286	294.8	48.85	6.964	77	71.78	5.226	9.11	9.35	26.1	0	0		
"2014-05-11	00:00:00"	6.941	268.6	48.98	11.14	3.73	281.6	69.29	8.16	75.17	71.17	4	9.95	9.54	26.077	0	0		
"2014-05-11	01:00:00"	10.5	178.8	20.93	19.49	5.127	174.1	34.13	12.93	74.42	70.8	3.622	15.91	15.27	26.077	0	0		
"2014-05-11	02:00:00"	8.41	184.4	10.43	15.91	4.279	186.2	17.44	9.95	71.89	70.5	1.396	40.72	41.27	26.084	0	0		
"2014-05-11	03:00:00"	5.255	215.9	19.96	8.75	2.223	221	33.83	4.578	69.8	67.31	2.487	48	49.6	26.069	0	0		
"2014-05-11	04:00:00"	7.147	206.5	15.94	11.14	3.585	204.3	25.3	6.368	68.78	66.54	2.238	50.35	50.95	26.051	0	0		
"2014-05-11	05:00:00"	8.49	169.6	7.588	11.74	4.103	165.3	18.06	8.16	66.64	64.8	1.845	61.46	60.57	26.038	0	0		
"2014-05-11	06:00:00"	9.96	166.9	9.03	15.31	5.518	167.2	16.95	11.74	66.86	65.9	0.962	69.77	67.21	26.029	0	0		
"2014-05-11	07:00:00"	9.27	188.5	14.79	14.72	5.319	191.4	19.9	9.35	65.82	65.04	0.782	78.56	74.77	26.036	0.745	0		
"2014-05-11	08:00:00"	6.383	198.5	9.07	9.95	3.596	198.7	15.06	6.964	65.87	65.08	0.789	81	76.72	26.049	69.761	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-11	09:00:00"	10.18	199.2	10.97	15.31	6.832	200.8	15.79	11.74	69.52	70.2	-0.686	70.35	65.73	26.073	266.58		0	
"2014-05-11	10:00:00"	12.36	208.2	10.07	17.7	8.54	210.2	14.34	14.72	73.95	75.07	-1.123	43.05	42.26	26.101	473.69		0	
"2014-05-11	11:00:00"	16.38	230.3	11.92	29.63	12.53	228.5	13.52	24.26	81.2	81.8	-0.635	11.1	10.09	26.117	653.37		0	
"2014-05-11	12:00:00"	21.95	232.6	10.67	32.01	16.7	230.4	12.28	26.65	85	85.9	-0.868	5.083	2.926	26.136	807.54		0	
"2014-05-11	13:00:00"	17.69	214.5	17.29	30.82	12.59	213.9	18.97	23.66	86.9	88.5	-1.592	5.659	3.401	26.14	901.85		0	
"2014-05-11	14:00:00"	15.83	209.2	18.69	33.8	11.01	209.6	20.97	23.07	88.8	90.8	-2.014	5.633	3.447	26.128	943.18		0	
"2014-05-11	15:00:00"	17.49	217.1	19.49	33.8	12.54	217.4	20.81	26.05	91.2	93	-1.774	2.928	1.842	26.098	936		0	
"2014-05-11	16:00:00"	21.8	222.1	13.58	35.59	15.68	221.2	15.49	29.63	93.5	95	-1.485	1.753	1.843	26.074	872.75		0	
"2014-05-11	17:00:00"	21.76	210	15.92	38.57	14.86	210.9	17.41	29.63	94.7	96.2	-1.502	2.272	1.897	26.05	745.44		0	
"2014-05-11	18:00:00"	22.04	211.6	18.77	37.98	14.95	212	19.78	28.43	95.2	96.3	-1.155	1.987	1.899	26.033	584.82		0	
"2014-05-11	19:00:00"	21.75	226.8	10.55	33.8	15.82	225.4	12.16	29.63	94.9	95.4	-0.561	1.028	1.896	26.031	395.36		0	
"2014-05-11	20:00:00"	19.79	230.5	9.25	32.61	14.61	228.5	10.87	24.86	93.9	93.7	0.245	1.193	1.842	26.027	194.48		0	
"2014-05-11	21:00:00"	11.59	232.3	7.487	20.68	8.12	229.8	9.52	17.1	89.9	88.9	1.008	2.554	1.802	26.022	24.308		0	
"2014-05-11	22:00:00"	7.589	221.7	25.99	24.26	3.65	220.7	34.96	13.52	84	80.4	3.583	5.56	4.217	26.016	0		0	
"2014-05-11	23:00:00"	16.2	165.7	9.51	26.05	9.32	166.3	16.87	17.7	80.3	79.7	0.603	46.16	46.63	26.042	0		0	
"2014-05-12	00:00:00"	15.42	181	9.48	24.26	9.16	182.1	16.97	18.3	76.52	76.19	0.334	62.75	61.9	26.083	0		0	
"2014-05-12	01:00:00"	12.82	183.8	8.41	20.68	7.55	185.2	16.77	15.31	73.54	73.17	0.369	71.02	68.88	26.093	0		0	
"2014-05-12	02:00:00"	8.81	198.9	9.43	13.52	5.333	199.9	15.32	9.95	71.78	71.25	0.532	76.41	73.68	26.098	0		0	
"2014-05-12	03:00:00"	5.117	237.2	29.32	11.14	3.058	244.1	42.57	9.35	69.63	68.39	1.234	81	78.33	26.094	0		0	
"2014-05-12	04:00:00"	12.98	296.6	68.71	36.19	9.4	299.4	64.79	30.22	67.68	66.86	0.823	60.88	60.14	26.097	0		0	
"2014-05-12	05:00:00"	23.88	10.33	12.53	36.19	17.58	8.19	14.99	30.22	55.94	56.24	-0.302	53.97	50.12	26.121	0		0	
"2014-05-12	06:00:00"	20.74	14.35	12.1	32.01	15.26	12.53	14.57	27.84	51.56	51.77	-0.21	57.42	52.5	26.125	0		0	
"2014-05-12	07:00:00"	19.73	14.18	12.08	33.21	14.68	12.17	14.3	29.63	49.29	49.48	-0.189	58.67	53.19	26.14	0.51897		0	
"2014-05-12	08:00:00"	20.24	17.79	10.85	33.8	14.82	15.1	13.43	28.43	48.46	48.68	-0.228	60.76	54.88	26.162	62.234		0	
"2014-05-12	09:00:00"	19.33	14.32	12.63	30.22	13.88	10.96	15.49	24.86	50.16	50.87	-0.709	58.25	52.51	26.198	256.83		0	
"2014-05-12	10:00:00"	16.75	11.84	13.04	24.86	11.95	7.997	18.04	20.68	53.08	54.38	-1.295	52.35	47.31	26.24	477.1		0	
"2014-05-12	11:00:00"	16.01	14.99	12.11	23.07	11.62	11.51	15.56	20.68	57.28	58.67	-1.394	46.17	42.6	26.278	670.34		0	
"2014-05-12	12:00:00"	14.36	20.26	13.92	23.07	9.92	16.26	16.93	18.89	62.22	63.76	-1.541	38.69	36.73	26.313	832.76		0	
"2014-05-12	13:00:00"	11.93	26.22	16.55	19.49	7.942	21.77	19.56	15.31	67.31	69.08	-1.771	31.36	30.11	26.341	917.81		0	
"2014-05-12	14:00:00"	8.57	20.53	26.97	16.51	6.306	12.37	30.5	14.12	72.04	73.64	-1.595	24.09	23.48	26.349	940.22		0	
"2014-05-12	15:00:00"	6.793	2.674	60.07	13.52	5.366	358.4	60.52	13.52	75.96	77.02	-1.065	20.33	20.1	26.354	920.91		0	
"2014-05-12	16:00:00"	6.643	321.7	70.2	14.72	5.317	317.7	69.75	12.33	77.99	78.69	-0.698	18.89	18.51	26.347	852.99		0	
"2014-05-12	17:00:00"	7.49	312.8	35.52	17.7	6.334	313.5	38.01	15.91	78.17	78.91	-0.74	17.78	17.05	26.329	737.2		0	
"2014-05-12	18:00:00"	5.432	208.4	90.8	12.93	4.521	201.7	91.3	13.52	78.77	78.74	0.029	17.02	16.41	26.311	571.82		0	
"2014-05-12	19:00:00"	5.628	74.2	40.19	12.33	4.132	62.61	45.83	9.95	78.11	79.15	-1.04	17.13	16.16	26.296	374		0	
"2014-05-12	20:00:00"	5.134	62.5	35.95	10.54	3.727	55.81	45.57	8.75	78.03	77.9	0.125	16.96	16.44	26.294	175.92		0	
"2014-05-12	21:00:00"	10.54	49.41	11.52	17.7	5.74	42.86	16.16	11.74	74.12	73.82	0.297	20.2	19.41	26.305	20.147		0	
"2014-05-12	22:00:00"	20.13	48.93	12.49	37.98	11.01	42.84	16.85	28.43	68.68	68.52	0.165	24.8	23.33	26.318	0		0	
"2014-05-12	23:00:00"	26.43	41.31	9.52	40.96	14	35.14	12.59	28.43	62.55	62.57	-0.018	29.74	27.56	26.34	0		0	
"2014-05-13	00:00:00"	26.7	41.85	9.15	39.77	14.11	35.12	12.26	27.24	59.05	59.06	-0.009	33.11	30.65	26.365	0		0	
"2014-05-13	01:00:00"	25.7	46.79	8.9	39.77	13.24	39.11	13.1	25.45	56.36	56.34	0.022	35.89	33.25	26.391	0		0	
"2014-05-13	02:00:00"	22.67	39.24	11.07	36.19	12.65	33.01	13.43	23.66	53.66	53.68	-0.018	40.3	37.19	26.412	0		0	
"2014-05-13	03:00:00"	21.67	32.09	10.19	36.19	13.23	26.51	11.73	29.03	50.68	50.74	-0.057	45.52	41.36	26.433	0		0	
"2014-05-13	04:00:00"	20.87	24.22	10.21	33.21	14.56	19.67	12.65	26.65	48.55	48.64	-0.081	49.87	44.89	26.45	0		0	
"2014-05-13	05:00:00"	19.64	14.71	11.73	29.63	14.66	12.13	14.2	26.05	47.39	47.55	-0.161	51.34	45.99	26.456	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-13	06:00:00"	21.35	14.61	10.86	35	15.59	11.99	14.04	28.43	47.07	47.34	-0.272	50.89	45.43	26.457	0	0		
"2014-05-13	07:00:00"	18.05	28.2	10.45	28.43	11.83	23.59	12.27	26.05	46.75	46.93	-0.178	52.07	46.54	26.481	0.13562	0		
"2014-05-13	08:00:00"	19.39	31.8	11.08	30.82	11.97	26.5	12.62	24.86	46.61	46.8	-0.19	50.37	45.07	26.499	15.723	0		
"2014-05-13	09:00:00"	20.35	38.07	9.96	31.42	11.46	31.73	12.6	22.47	46.48	46.77	-0.292	50.6	45.18	26.52	94.484	0		
"2014-05-13	10:00:00"	19.85	42.86	11.22	29.63	11.23	36.18	14.67	27.24	47.28	47.78	-0.505	48.24	43.11	26.529	184.13	0		
"2014-05-13	11:00:00"	16.75	34.69	13.2	24.86	10.11	28.94	14.91	19.49	48.5	49.11	-0.612	46.01	41.27	26.552	234.7	0		
"2014-05-13	12:00:00"	15.38	21.76	12.84	24.26	10.25	18.97	15.45	21.28	50.26	51.24	-0.972	42.47	38.2	26.567	372.55	0		
"2014-05-13	13:00:00"	13.57	27.77	14.87	21.28	8.84	22.12	16.97	19.49	51.71	52.7	-0.986	38.78	35.21	26.569	338.17	0		
"2014-05-13	14:00:00"	13.73	32.69	16.83	21.87	8.57	27.7	17.94	18.89	53.61	54.45	-0.839	36.6	33.37	26.559	310.11	0		
"2014-05-13	15:00:00"	14.12	25.07	15.27	24.26	9.5	20.96	17.9	18.89	56.67	57.68	-1.017	32.5	29.43	26.551	445.15	0		
"2014-05-13	16:00:00"	15.13	28.88	21.59	32.61	9.82	23.57	22.85	27.24	59.51	61.01	-1.505	29.43	26.33	26.545	589.6	0		
"2014-05-13	17:00:00"	13.34	41.99	15.22	24.26	7.929	36.02	17.69	18.89	59.88	61.03	-1.149	30.33	27.47	26.534	365.46	0		
"2014-05-13	18:00:00"	13.49	26.68	23.23	21.87	9.31	22.11	24.78	18.89	61.22	62.1	-0.875	27.09	24.35	26.525	327.11	0		
"2014-05-13	19:00:00"	14.62	16.9	14.13	23.07	10.39	13.3	16.98	18.89	61.57	62.21	-0.637	25.03	22.2	26.531	201.43	0		
"2014-05-13	20:00:00"	14.98	24.92	12.38	23.66	9.87	21.44	14.07	19.49	60.43	60.71	-0.273	25.95	23.11	26.543	110.63	0		
"2014-05-13	21:00:00"	12.31	31.68	12.08	24.86	7.982	26.53	14.3	18.3	58.81	58.79	0.025	27.38	24.59	26.558	29.623	0		
"2014-05-13	22:00:00"	6.382	47.3	17.93	10.54	3.559	44.41	22.9	8.75	55.23	54.64	0.595	31.66	29.12	26.569	0	0		
"2014-05-13	23:00:00"	5.395	63.16	12.28	7.561	2.689	60.73	18.82	5.175	50.94	49.25	1.698	41.72	38.73	26.569	0	0		
"2014-05-14	00:00:00"	3.603	42.26	18.34	6.368	1.827	33.64	28.69	4.578	49.43	47.46	1.973	47.82	44.33	26.575	0	0		
"2014-05-14	01:00:00"	3.295	30.91	14.72	5.175	1.37	15.92	46.19	3.386	48.99	45.18	3.805	50.02	48.24	26.567	0	0		
"2014-05-14	02:00:00"	2.31	11.6	11.59	4.578	1.083	229.1	66.82	2.789	46.45	41.91	4.54	53.99	51.77	26.554	0	0		
"2014-05-14	03:00:00"	2.679	346.2	31.78	5.771	1.399	271.2	100.5	3.386	44.16	39.12	5.047	52.33	54.53	26.541	0	0		
"2014-05-14	04:00:00"	8.14	2.426	12.58	13.52	5.047	346.5	23.41	9.95	43.98	42	1.975	42.99	41.85	26.536	0	0		
"2014-05-14	05:00:00"	10.4	7.217	10.36	15.91	7.294	2.553	13.59	13.52	44.1	43.73	0.376	41.89	38.29	26.54	0	0		
"2014-05-14	06:00:00"	9.97	4.472	11.08	14.12	6.722	358.6	13.17	11.74	42.96	42.57	0.389	42.96	39.03	26.554	0	0		
"2014-05-14	07:00:00"	8.29	346.2	12.02	11.74	5.617	342.5	13.73	9.35	41.53	40.64	0.888	44.08	40.57	26.557	1.1245	0		
"2014-05-14	08:00:00"	8.22	348.4	11.37	12.33	6.034	344.6	13.53	10.54	43.14	42.78	0.368	40.87	37.4	26.564	84.416	0		
"2014-05-14	09:00:00"	9.97	0.352	12.26	15.31	7.981	357.4	13.69	14.12	49.28	49.91	-0.629	33.21	29.74	26.598	288.87	0		
"2014-05-14	10:00:00"	10.55	20.12	14.61	15.91	7.641	15.94	15.64	12.93	54.92	56.06	-1.141	27.38	24.09	26.639	507.97	0		
"2014-05-14	11:00:00"	12.74	23.11	18.62	21.87	8.72	18.59	20.02	18.3	57.89	59.26	-1.361	23.63	20.33	26.666	700.45	0		
"2014-05-14	12:00:00"	11.37	13.89	23.21	24.26	8.26	11.37	25.95	23.07	60.07	61.58	-1.508	21.09	17.87	26.676	865.03	0		
"2014-05-14	13:00:00"	9.92	19.51	29.03	18.89	7.187	13.96	29.65	16.51	62.53	64.07	-1.542	19.04	16.11	26.676	964.26	0		
"2014-05-14	14:00:00"	9.9	353	26.6	21.28	7.716	350.4	30.98	20.68	64.09	65.72	-1.626	16.52	13.38	26.664	1007.6	0		
"2014-05-14	15:00:00"	9.64	344.1	35.17	24.86	7.599	341.3	39.78	20.09	66.21	67.8	-1.591	14.28	11.18	26.65	993.79	0		
"2014-05-14	16:00:00"	9.16	350.3	49.67	20.09	7.085	348	50.61	16.51	67.17	68.46	-1.284	12.43	9.28	26.633	927.29	0		
"2014-05-14	17:00:00"	9.7	344.8	38.62	21.87	7.753	342.9	42.07	16.51	67.93	69.06	-1.135	11.32	8.08	26.608	802.57	0		
"2014-05-14	18:00:00"	8.31	352.9	40.93	18.3	6.335	350	41.9	15.31	68.53	69.45	-0.925	10.43	7.17	26.591	630.01	0		
"2014-05-14	19:00:00"	8.47	312.2	33.79	18.89	6.974	311.4	35.68	14.72	68.29	69.09	-0.791	11.02	7.552	26.577	427.28	0		
"2014-05-14	20:00:00"	7.455	324.2	36.91	14.72	5.938	321.8	41.06	12.93	68.11	68.22	-0.111	11.21	7.99	26.57	211.8	0		
"2014-05-14	21:00:00"	6.106	353.9	17.6	12.93	4.135	349.5	17.35	9.95	65.81	65.06	0.758	12.4	9.69	26.565	32.263	0		
"2014-05-14	22:00:00"	6.151	345.8	14.61	8.16	3.31	346.9	17.12	6.368	62.83	60.35	2.479	14.24	12.34	26.555	0	0		
"2014-05-14	23:00:00"	4.37	312.5	10.5	6.964	1.761	304.3	53.23	3.982	59.98	54.12	5.858	16.8	16.24	26.547	0	0		
"2014-05-15	00:00:00"	2.63	301	28.58	3.982	1.214	68.83	66.24	2.789	56.66	49.97	6.684	19.11	20.22	26.523	0	0		
"2014-05-15	01:00:00"	2.39	273.6	25.42	4.578	1.441	91.8	61.37	3.386	53.76	48.28	5.488	20.23	21.83	26.503	0	0		
"2014-05-15	02:00:00"	1.717	228.4	34.17	2.789	1.01	41.59	68.43	2.193	51.38	44.59	6.792	21.72	25.46	26.485	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-15	03:00:00"	2.392	233.7	50.93	4.578	1.304	76.11	66.76	3.386	48.7	43.82	4.871	23.46	23.79	26.473	0	0		
"2014-05-15	04:00:00"	3.564	301.4	10	5.771	1.031	22.22	91.4	2.193	50.02	43.97	6.052	22.71	25.12	26.457	0	0		
"2014-05-15	05:00:00"	3.839	295.5	5.7	4.578	1.001	329.5	14.5	1.596	50.71	43.31	7.399	20.94	24.89	26.448	0	0		
"2014-05-15	06:00:00"	4.079	294.5	9.76	5.771	1.294	319.8	28.16	3.386	50.28	44.51	5.778	21.43	23.55	26.446	0	0		
"2014-05-15	07:00:00"	5.743	316.7	6.033	11.14	2.316	310.6	14.42	6.368	47.91	42.5	5.408	23.6	24.59	26.453	1.2641	0		
"2014-05-15	08:00:00"	4.986	305	6.07	6.964	2.415	308.6	13.45	4.578	49.86	47.02	2.838	23.78	22.38	26.46	83.581	0		
"2014-05-15	09:00:00"	5.105	273.9	19.54	9.95	4.156	268.5	21.34	8.16	56.56	57.05	-0.492	19.33	15.52	26.5	285.1	0		
"2014-05-15	10:00:00"	8.63	236.6	16.02	17.1	6.788	232.3	17.16	13.52	64.25	64.79	-0.546	14.56	11.13	26.545	502.03	0		
"2014-05-15	11:00:00"	12.59	220.7	14.11	19.49	9.07	219.9	16.62	18.89	68.22	69.27	-1.057	11.95	8.56	26.577	687.77	0		
"2014-05-15	12:00:00"	12.7	219.5	13.87	22.47	9.14	219.1	15.97	17.1	70.99	72.26	-1.271	10.65	7.414	26.59	841.8	0		
"2014-05-15	13:00:00"	13	225.7	18.23	28.43	9.87	224.9	19.72	20.09	73.27	74.52	-1.254	9.62	6.576	26.589	932.77	0		
"2014-05-15	14:00:00"	12.82	237.3	20.78	25.45	10.08	236.4	21.69	21.28	75.14	76.41	-1.263	8.61	5.746	26.574	967.56	0		
"2014-05-15	15:00:00"	13.26	240.7	22.12	26.05	10.43	238.2	23.27	23.66	76.73	78	-1.272	7.841	5.054	26.555	953.5	0		
"2014-05-15	16:00:00"	12.99	230.2	20.73	26.65	9.93	228.5	21.32	20.68	78.04	79.2	-1.16	7.126	4.254	26.534	884.73	0		
"2014-05-15	17:00:00"	11.34	247.3	29.75	25.45	9.03	244.9	30.21	20.68	79.15	80.1	-0.911	6.543	3.756	26.513	764.2	0		
"2014-05-15	18:00:00"	11.62	238.9	23.84	24.86	9.13	237.5	24.76	19.49	79.5	80.2	-0.693	6.364	3.587	26.496	597.87	0		
"2014-05-15	19:00:00"	10.36	236	24.48	23.66	8.1	234.7	24.37	19.49	79.63	80.2	-0.596	6.045	3.188	26.484	401.18	0		
"2014-05-15	20:00:00"	7.625	258.3	23.73	17.1	5.968	254.7	24.91	13.52	79.31	79	0.315	6.047	3.433	26.476	199.9	0		
"2014-05-15	21:00:00"	4.31	250.4	21.5	9.35	2.132	248.4	26.8	6.368	76.07	74.26	1.809	7.36	5.779	26.468	30.851	0		
"2014-05-15	22:00:00"	3.747	227.4	33.63	8.16	1.5	177.7	94.6	3.982	72.09	65.79	6.292	9.16	10.14	26.441	0	0		
"2014-05-15	23:00:00"	5.326	180.7	18.94	9.35	1.863	123.3	30.3	6.368	65.7	60.05	5.655	12.82	12.45	26.416	0	0		
"2014-05-16	00:00:00"	5.574	182.6	6.116	8.16	1.528	178	23.02	3.386	62.87	58.51	4.365	14.6	13.36	26.399	0	0		
"2014-05-16	01:00:00"	5.329	192.4	7.203	8.16	1.883	187.9	25.72	3.386	59.63	55.94	3.691	16.68	15.12	26.379	0	0		
"2014-05-16	02:00:00"	5.931	185.6	9.93	11.14	2.026	176.9	16.64	6.368	57.83	54.21	3.62	16.98	15.54	26.361	0	0		
"2014-05-16	03:00:00"	11.02	190.6	8.7	17.7	6.186	193	16.47	12.93	61.05	59.27	1.774	12.95	9.67	26.359	0	0		
"2014-05-16	04:00:00"	9	196.8	7.718	15.91	4.958	198.8	14.34	12.93	59.35	57.94	1.408	15.24	11.72	26.37	0	0		
"2014-05-16	05:00:00"	6.35	211.6	10.1	8.16	2.962	217.7	14.09	5.175	56.12	53.67	2.448	17.24	14.43	26.354	0	0		
"2014-05-16	06:00:00"	5.217	232	5.247	7.561	1.391	262	19.2	2.789	54.31	50.01	4.294	17.69	16.6	26.331	0	0		
"2014-05-16	07:00:00"	3.938	200.7	13.58	5.771	1	144.5	38.41	1	52.27	47.48	4.787	19.42	18.29	26.311	0.99249	0		
"2014-05-16	08:00:00"	4.414	201	11.9	8.16	1.95	216	46.47	5.771	52.99	50.75	2.245	21.23	18.51	26.306	79.777	0		
"2014-05-16	09:00:00"	6.719	217	10.6	10.54	4.866	218	13.55	8.16	58.55	59.06	-0.515	18.82	14.78	26.348	284.19	0		
"2014-05-16	10:00:00"	9.69	221.7	9.49	14.12	7.188	221.3	12.36	11.14	64.64	65.54	-0.902	14.48	10.71	26.388	502.35	0		
"2014-05-16	11:00:00"	9.96	243.1	16.78	15.31	8.06	240.4	18.29	13.52	73.19	73.74	-0.555	10.24	7.486	26.419	677.51	0		
"2014-05-16	12:00:00"	10.29	247.3	14.77	17.1	8.36	241.5	17.14	14.12	80.9	81.4	-0.473	7.093	4.774	26.442	807.5	0		
"2014-05-16	13:00:00"	11.51	249.6	24.76	19.49	8.83	244.4	25.6	15.91	84.7	85.3	-0.647	5.493	3.157	26.446	881.08	0		
"2014-05-16	14:00:00"	12	253.9	22.17	20.68	9.21	248.6	23.87	19.49	86.5	87.1	-0.619	4.834	2.536	26.43	909.07	0		
"2014-05-16	15:00:00"	14.05	246	20.73	25.45	11.12	243.7	22.26	21.28	88	88.8	-0.857	4.422	2.143	26.407	920.21	0		
"2014-05-16	16:00:00"	13.71	263.9	24.47	25.45	10.86	261.3	26.25	20.68	88.7	89.6	-0.905	4.039	1.942	26.387	842.5	0		
"2014-05-16	17:00:00"	13.36	260	21.53	29.63	10.55	257.7	24.15	24.86	89.5	90.3	-0.781	3.584	1.853	26.368	735.84	0		
"2014-05-16	18:00:00"	11.94	259.3	27.09	23.66	9.56	257.2	27.93	20.09	89.7	90.1	-0.421	3.565	1.849	26.347	579.86	0		
"2014-05-16	19:00:00"	10.95	299.3	13.91	21.87	8.84	299.4	17.48	20.68	88.1	88.3	-0.229	4.248	2.084	26.333	279.2	0		
"2014-05-16	20:00:00"	6.554	284.3	15.73	13.52	5.081	281.3	19.96	11.14	87.4	86.7	0.702	5.12	3.354	26.319	156.95	0		
"2014-05-16	21:00:00"	3.616	235.2	89.7	6.368	2.378	86.8	95.7	3.982	83.1	80	3.138	7.209	7.193	26.3	27.923	0		
"2014-05-16	22:00:00"	3.585	149.9	21.5	7.561	2.282	80.1	26.55	3.982	79.96	73.78	6.185	7.853	9.97	26.273	0	0		
"2014-05-16	23:00:00"	6.758	174.8	8.52	9.35	1.8	165.1	49.54	3.386	75.21	67.8	7.407	10.26	12.42	26.247	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-17	00:00:00"	7.07	176.5	6.59	11.14	1.983	179.4	41.34	4.578	70.62	65.79	4.833	12.79	13.07	26.23	0	0		
"2014-05-17	01:00:00"	9.46	174.7	7.992	17.7	4.139	168.1	22.91	12.33	69.83	66.03	3.807	13.49	12.87	26.224	0	0		
"2014-05-17	02:00:00"	8.74	188.5	9.68	15.91	4.784	191.9	16.84	11.14	68.13	66.78	1.353	18.68	16.83	26.233	0	0		
"2014-05-17	03:00:00"	6.03	209.4	29.79	9.95	3.222	216.1	40.87	5.771	65.69	63.49	2.207	21.17	20.04	26.217	0	0		
"2014-05-17	04:00:00"	6.67	198.4	12.48	9.95	3.043	201.8	20.82	5.771	64.14	61.51	2.625	22.58	21.86	26.192	0	0		
"2014-05-17	05:00:00"	5.801	308.2	72.63	15.91	3.908	321.2	63.77	12.93	62.87	60.85	2.027	23.97	22.88	26.205	0	0		
"2014-05-17	06:00:00"	7.155	32.23	21.19	12.93	4.188	30.47	29.21	9.35	62.82	61.74	1.082	24.01	22.02	26.235	0	0		
"2014-05-17	07:00:00"	11.86	31.26	9.31	18.3	7.27	26.94	11.59	13.52	59	58.78	0.21	37.53	34.75	26.241	0.36064	0		
"2014-05-17	08:00:00"	14.11	25.51	9.32	21.87	9.47	22.57	11.99	17.7	57.78	57.79	-0.01	52.95	48.96	26.251	32.669	0		
"2014-05-17	09:00:00"	16.23	20.74	9.34	22.47	11.75	17.85	11.89	21.87	57.64	57.87	-0.234	62.25	57.35	26.268	129.75	0		
"2014-05-17	10:00:00"	12.97	11.72	12.36	20.09	9.41	8.12	15.82	16.51	59.56	60.2	-0.632	59.18	54.71	26.31	290.09	0		
"2014-05-17	11:00:00"	12.89	24.21	13.02	20.09	8.93	20.37	14.2	16.51	62.69	63.56	-0.866	51.48	48.4	26.332	511.68	0		
"2014-05-17	12:00:00"	11.77	28.05	13.46	20.09	8.11	22.25	14.94	15.91	68.32	69.5	-1.175	38.57	37.69	26.349	787.19	0		
"2014-05-17	13:00:00"	11.37	38.2	14.6	18.3	7.044	32.94	16.72	14.72	72.78	74.11	-1.332	30.22	29.72	26.368	715.08	0		
"2014-05-17	14:00:00"	9.22	37.29	21.19	18.89	6.129	30.27	22.58	15.31	77.44	78.68	-1.242	23.82	23.68	26.368	905.61	0		
"2014-05-17	15:00:00"	7.21	47.48	35.25	15.91	5.154	38.2	37.52	15.31	82.4	83.4	-1.036	19.29	19.32	26.368	922.09	0		
"2014-05-17	16:00:00"	6.231	56.35	61.22	16.51	4.678	46.79	72.07	13.52	85.1	85.4	-0.303	16.74	16.82	26.363	830.32	0		
"2014-05-17	17:00:00"	6.984	98.1	42.53	15.31	5.191	91.6	53.36	12.33	87.3	87.9	-0.647	14.54	14.19	26.351	733.99	0		
"2014-05-17	18:00:00"	6.694	99.3	33.5	17.1	4.893	93.2	42.21	12.33	87.9	88.4	-0.533	13.1	12.56	26.34	573.09	0		
"2014-05-17	19:00:00"	9.26	118.4	26.26	15.91	6.261	116.3	32.83	12.93	86.7	87.9	-1.122	13.39	12.25	26.333	381.56	0		
"2014-05-17	20:00:00"	10.46	120.5	12.73	17.1	6.619	119.3	20.38	12.33	85.3	85.4	-0.069	14.68	13.89	26.324	180.57	0		
"2014-05-17	21:00:00"	10.44	114.7	8.02	15.91	6.258	113.5	17.03	12.33	81.1	80.4	0.729	17.76	17.42	26.319	28.387	0		
"2014-05-17	22:00:00"	10.22	112	7.823	16.51	6.098	110.4	16.47	11.74	76.32	75.16	1.161	22.57	22.57	26.306	0	0		
"2014-05-17	23:00:00"	10.44	107	8.96	16.51	6.595	103.8	17.43	11.14	73.81	72.87	0.932	25.51	25.38	26.3	0	0		
"2014-05-18	00:00:00"	12.06	98.9	9.01	19.49	7.977	96.1	17.6	15.31	71.28	70.53	0.756	27.27	26.76	26.297	0	0		
"2014-05-18	01:00:00"	13.35	96.9	8.68	20.09	8.97	94.7	17.37	16.51	68.78	68.19	0.59	32.23	31.51	26.298	0	0		
"2014-05-18	02:00:00"	13.6	93	8.77	20.68	8.75	91.2	18.24	15.91	66.8	66.26	0.539	37.84	37.14	26.297	0	0		
"2014-05-18	03:00:00"	15.37	84.4	9	23.66	8.95	81.2	19.15	16.51	64.36	63.87	0.489	46.79	45.06	26.299	0	0		
"2014-05-18	04:00:00"	14.14	82.9	8.81	21.87	8.12	78.9	19.42	14.12	62.33	61.86	0.47	53.23	50.67	26.279	0	0		
"2014-05-18	05:00:00"	12.04	74.99	7.921	18.3	7.074	66.49	17.31	11.74	59.37	58.9	0.474	58.78	55.24	26.258	0	0		
"2014-05-18	06:00:00"	11.13	69.71	8.15	15.31	6.838	65.28	17.54	11.74	57.13	56.68	0.446	63.88	59.41	26.246	0	0		
"2014-05-18	07:00:00"	10.71	75.89	9.3	14.72	6.327	67.82	18.19	11.14	55.52	55	0.518	71.15	65.61	26.229	1.2063	0		
"2014-05-18	08:00:00"	10.15	75.34	9.94	15.31	6.166	69.39	19.76	11.14	55.57	55.54	0.032	74.92	68.45	26.229	82.774	0		
"2014-05-18	09:00:00"	8.69	105.5	16.74	14.12	6.044	102.4	23.5	11.74	61.31	62	-0.687	66.39	61.23	26.253	250.67	0		
"2014-05-18	10:00:00"	11.08	150.3	13.34	17.1	7.039	151	20.36	11.74	67.55	69.15	-1.606	57.02	52.56	26.292	472.54	0		
"2014-05-18	11:00:00"	11.79	167.9	14.56	20.09	7.524	169.3	21.69	14.12	73.13	74.78	-1.65	47.71	45.2	26.317	637.03	0		
"2014-05-18	12:00:00"	11.63	178	16.37	20.68	7.662	178.5	23.34	14.72	79.04	80.7	-1.638	38.55	37.74	26.336	786.08	0		
"2014-05-18	13:00:00"	11.74	191.9	17.12	20.09	8.01	194.1	22.02	15.31	83.4	84.9	-1.532	32.66	32.15	26.35	871.72	0		
"2014-05-18	14:00:00"	10.88	196.9	21.88	21.28	7.458	197.9	26.7	17.1	87.4	88.7	-1.3	26.56	26.31	26.344	913.61	0		
"2014-05-18	15:00:00"	11.52	203.1	16.4	21.28	8.27	204.9	19.72	15.31	90.2	91.5	-1.301	21.29	20.95	26.33	907.84	0		
"2014-05-18	16:00:00"	10.87	212.5	20.35	20.09	7.988	214.2	22.27	17.1	93.6	94.4	-0.809	13.83	13.56	26.314	850.95	0		
"2014-05-18	17:00:00"	12.01	190.8	28.03	27.24	8.25	193.5	31.59	20.09	94.9	96	-1.111	10.16	9.43	26.293	714.92	0		
"2014-05-18	18:00:00"	13.03	182.5	25.79	21.87	8.32	182.9	29.43	17.1	95.1	96.3	-1.193	10.31	9.55	26.276	533.12	0		
"2014-05-18	19:00:00"	14.66	172	13.49	25.45	8.83	171.5	20.66	18.89	93.9	94.7	-0.804	12.06	11.49	26.266	301.86	0		
"2014-05-18	20:00:00"	18.97	166.8	10.36	30.82	11.01	166.3	18.01	22.47	89.7	89.8	-0.076	20.92	21.21	26.256	113.41	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-18	21:00:00"	17.66	166.7	9.32	27.84	10.29	166.7	16.83	19.49	85	84.7	0.235	29.43	30.44	26.258	25.464		0	
"2014-05-18	22:00:00"	14.6	176.5	11.7	27.84	8.47	176.1	18.38	19.49	80.5	79.99	0.539	35.37	36.76	26.267		0	0	
"2014-05-18	23:00:00"	18.32	173.3	9.01	28.43	10.67	173.2	17.45	20.09	76.98	76.56	0.42	43.85	44.7	26.263		0	0	
"2014-05-19	00:00:00"	15.9	174.6	9.45	28.43	9.18	175.4	17.92	21.87	74.89	74.39	0.497	48.9	49.18	26.261		0	0	
"2014-05-19	01:00:00"	16.74	172.9	8.66	25.45	9.51	172.5	17.23	17.1	73.4	72.92	0.483	52.43	52.15	26.255		0	0	
"2014-05-19	02:00:00"	17.21	176.9	8.66	27.24	9.82	176.6	17.29	20.09	72.11	71.66	0.448	53.65	53.03	26.249		0	0	
"2014-05-19	03:00:00"	15.46	177.2	8.34	23.66	8.82	177.4	17.13	17.7	70.71	70.25	0.459	56.48	55.29	26.238		0	0	
"2014-05-19	04:00:00"	13.84	179.4	9.47	20.68	7.894	180.4	17.75	14.72	69.03	68.49	0.532	61.26	59.42	26.224		0	0	
"2014-05-19	05:00:00"	10.68	189.4	9.21	16.51	6.265	190.3	16.31	11.74	67.05	66.44	0.61	65.63	63.19	26.218		0	0	
"2014-05-19	06:00:00"	8.04	188.4	8.96	13.52	4.57	190	16.49	8.75	64.97	64.13	0.838	70.2	67.29	26.208		0	0	
"2014-05-19	07:00:00"	6.962	194.6	6.988	9.35	3.417	196.8	15.06	6.368	62.61	61.08	1.531	75.63	72.83	26.2	1.4938		0	
"2014-05-19	08:00:00"	6.404	196.3	7.485	10.54	3.429	199.1	14.18	7.561	62.27	61.43	0.84	77.61	73.36	26.206	75.01		0	
"2014-05-19	09:00:00"	10.84	197.8	9.68	17.1	6.956	200.6	15.38	12.93	65.89	66.22	-0.338	71.5	66.71	26.232	229.87		0	
"2014-05-19	10:00:00"	13.35	204.8	9.92	18.89	8.94	205.8	14.84	14.72	70.97	71.92	-0.95	59.58	56.26	26.272	404.85		0	
"2014-05-19	11:00:00"	12.44	209.7	11.25	18.89	8.63	210.3	15.48	14.72	74.89	75.93	-1.037	50.42	48.71	26.304	523.04		0	
"2014-05-19	12:00:00"	12.15	217.5	12.42	17.7	8.59	216.6	15.31	14.12	78.14	79.06	-0.925	41.76	41.62	26.32	538.4		0	
"2014-05-19	13:00:00"	10.74	227.1	15.66	15.91	8.12	223.9	17.19	13.52	83.6	84.2	-0.616	30.03	30.59	26.328	680.4		0	
"2014-05-19	14:00:00"	13.66	244.1	18.03	25.45	10.75	240.2	19.89	23.66	90.8	91.2	-0.418	10.31	9.98	26.333	678.41		0	
"2014-05-19	15:00:00"	15.99	246.6	16.25	26.65	12.31	245.1	18.76	23.07	93.2	93.7	-0.542	4.73	3.456	26.334	770.92		0	
"2014-05-19	16:00:00"	14.99	225.7	16.17	25.45	10.27	224.8	19.14	21.28	93.9	94.8	-0.877	5.255	3.807	26.326	662.02		0	
"2014-05-19	17:00:00"	17.28	239.6	13.99	29.63	11.74	237.2	18.08	21.87	94.2	94.7	-0.466	3.253	2.183	26.312	520.93		0	
"2014-05-19	18:00:00"	15.81	246.9	15.21	25.45	11.15	245	19.07	20.68	94.3	94.6	-0.331	2.761	1.853	26.299	462.25		0	
"2014-05-19	19:00:00"	15.23	245.9	12.49	23.66	10.62	244.5	16.47	20.09	94.2	94.1	0.101	2.932	1.835	26.285	260.15		0	
"2014-05-19	20:00:00"	13.55	252.9	9.56	23.07	9.57	251.7	13.46	17.7	92.5	92	0.543	3.177	1.836	26.275	104.86		0	
"2014-05-19	21:00:00"	7.015	247.3	9.76	15.31	3.736	240.4	22.93	11.14	88.1	85.9	2.261	4.294	3.048	26.27	12.093		0	
"2014-05-19	22:00:00"	11.66	174.4	14.22	20.09	6.225	164.3	18.65	13.52	83.4	80.7	2.614	17.71	17.79	26.262	0.00484		0	
"2014-05-19	23:00:00"	14.09	177.3	8.43	23.07	8.06	177.4	16.54	16.51	81	80.3	0.714	36.14	37.89	26.281	0		0	
"2014-05-20	00:00:00"	12.35	177.5	8.47	18.89	6.903	177.6	16.68	14.12	77.12	76.35	0.771	45.22	46.42	26.294	0		0	
"2014-05-20	01:00:00"	9.05	185.9	8.56	17.1	4.992	187.6	15.93	10.54	74.06	73.05	1.009	52.56	53.09	26.292	0		0	
"2014-05-20	02:00:00"	6.147	196.8	12.48	9.35	2.83	196.6	19.19	6.368	71.48	69.6	1.879	56.37	57.51	26.284	0		0	
"2014-05-20	03:00:00"	5.97	185.5	9.46	9.95	2.016	173.5	19.18	5.175	69.84	67.01	2.839	56.63	59.21	26.266	0		0	
"2014-05-20	04:00:00"	5.288	181.5	8.32	8.75	1.198	162.7	17.76	3.982	68.27	64.36	3.91	58.05	62.06	26.243	0		0	
"2014-05-20	05:00:00"	5.726	187.1	7.899	11.74	1.937	187.8	21.66	8.16	67.54	64.47	3.068	59.33	61.41	26.235	0		0	
"2014-05-20	06:00:00"	4.484	191.6	6.162	6.964	1.182	189.4	25.87	2.789	64.97	61.2	3.774	64.72	67.21	26.236	0		0	
"2014-05-20	07:00:00"	4.35	189.5	8.36	6.964	1	157.2	77.65	1	63.92	59.87	4.052	68.31	70.27	26.234	1.036		0	
"2014-05-20	08:00:00"	4.503	197.5	16.78	6.964	1.414	187.2	40.02	5.175	64.27	61.41	2.861	69.58	69.69	26.241	80.354		0	
"2014-05-20	09:00:00"	6.162	199.5	15.94	11.74	4.122	202.5	20.17	9.95	69.04	69.5	-0.457	62.73	59.18	26.283	264.26		0	
"2014-05-20	10:00:00"	8.87	201.1	13.36	12.93	6.119	200.9	18.41	9.95	73.25	74.34	-1.097	54.63	52.13	26.332	462.32		0	
"2014-05-20	11:00:00"	7.404	223.5	20.14	13.52	5.376	223.3	22.82	10.54	79.65	80.2	-0.585	39.22	39.58	26.362	634.74		0	
"2014-05-20	12:00:00"	9.03	243.9	21.53	15.31	6.476	241.1	23.7	12.93	85.5	86.1	-0.657	25.49	25.97	26.383	779.79		0	
"2014-05-20	13:00:00"	7.029	241.6	39.89	14.72	5.206	236.8	44.12	12.93	91.6	91.8	-0.218	12.53	12.62	26.395	870.57		0	
"2014-05-20	14:00:00"	9.09	220.5	44.34	20.68	6.672	222.5	50.68	15.31	94.4	95.2	-0.742	6.966	6.227	26.393	908.69		0	
"2014-05-20	15:00:00"	10.38	239.5	26.01	18.89	7.375	239.2	30.6	15.31	96.1	96.8	-0.766	2.754	2.398	26.384	907.95		0	
"2014-05-20	16:00:00"	11.11	208	37.55	22.47	7.662	207.9	39.38	15.91	97.1	98.2	-1.137	4.575	3.449	26.374	839.8		0	
"2014-05-20	17:00:00"	12.46	217	28.01	22.47	8.49	217.2	30.34	17.1	96.9	97.9	-0.996	4.149	2.825	26.357	722.85		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-20	18:00:00"	12.92	207.2	18.03	23.66	8.81	206.1	21.02	18.3	96.5	97.5	-0.988	2.839	1.915	26.344	543.82		0	
"2014-05-20	19:00:00"	12.19	192.3	14.75	21.87	7.779	193.7	20.24	17.7	95.9	96.6	-0.676	2.739	1.896	26.332	323.84		0	
"2014-05-20	20:00:00"	11.75	188.2	15.2	23.07	7.271	188.6	21.08	16.51	95.3	95.3	0.026	3.103	1.867	26.322	213.36		0	
"2014-05-20	21:00:00"	9.36	185.9	9.53	27.84	5.056	177	23.33	18.89	90.3	88.3	1.961	7.146	6.269	26.315	14.201		0	
"2014-05-20	22:00:00"	11.62	171.5	9.4	24.86	6.428	171.5	17.86	17.7	84.4	83.5	0.889	29.09	30.61	26.31	0.03203		0	
"2014-05-20	23:00:00"	11.93	185.2	11.2	23.66	7.033	187.1	18.73	16.51	81	80.3	0.72	37.05	38.65	26.326	0		0	
"2014-05-21	00:00:00"	6.209	215.6	26.44	15.31	3.634	215.3	31.73	11.14	77.82	76.66	1.165	44.42	46.37	26.342	0		0	
"2014-05-21	01:00:00"	13.43	182	11.27	21.87	7.673	181.6	18.08	15.31	76.06	75.45	0.609	47.38	48.15	26.336	0		0	
"2014-05-21	02:00:00"	12.97	174.1	8.32	23.07	7.369	173.8	17.23	17.1	73.83	73.3	0.523	53.22	53.02	26.324	0		0	
"2014-05-21	03:00:00"	7.862	161.4	9.75	11.74	4.162	161.2	17.88	7.561	71.49	70.51	0.978	57.19	56.88	26.301	0		0	
"2014-05-21	04:00:00"	6.942	155.9	10.04	11.14	3.524	154.1	19.14	8.16	69.62	68.54	1.075	60.93	60.12	26.283	0		0	
"2014-05-21	05:00:00"	6.531	144.7	9.19	9.35	3.406	139.4	18.06	6.964	68.25	67.09	1.168	64.06	62.88	26.27	0		0	
"2014-05-21	06:00:00"	6.174	143.1	10.3	8.75	3.157	138.1	18.5	6.368	67.91	66.9	1.002	65.88	64.26	26.263	0		0	
"2014-05-21	07:00:00"	5.384	149.2	14.1	10.54	2.37	140.2	24.7	6.368	67.49	66.2	1.294	67.54	66.2	26.274	0.75733		0	
"2014-05-21	08:00:00"	7.508	153.7	11.03	12.33	4.368	153.2	19.26	8.16	68.69	68.32	0.369	66.16	63.79	26.293	28.239		0	
"2014-05-21	09:00:00"	11.83	165	13.24	22.47	6.956	165.5	20.48	15.91	69.51	69.63	-0.125	65.44	62.43	26.318	97.018		0	
"2014-05-21	10:00:00"	16.76	170.6	9.78	24.26	10.01	170.3	17.79	17.1	70.68	71.39	-0.711	66.21	62.28	26.339	275.19		0	
"2014-05-21	11:00:00"	14.19	164	14.22	23.66	8.58	164.2	21.08	17.7	72.83	74.05	-1.226	63.5	59.45	26.358	334.31		0	
"2014-05-21	12:00:00"	11.52	184.5	17.69	20.09	7.517	187	23.26	15.31	78.15	79.77	-1.614	53.66	50.99	26.367	718.99		0	
"2014-05-21	13:00:00"	9.91	195.3	20.17	17.1	6.869	196.4	25.83	14.72	84	85.4	-1.386	41.76	41.46	26.383	787.52		0	
"2014-05-21	14:00:00"	9.25	200.8	25.86	17.1	6.741	200.4	28.63	15.31	89.2	90.4	-1.174	30.76	31.13	26.38	894.05		0	
"2014-05-21	15:00:00"	9.92	209.9	28.35	23.07	7.274	210.1	30.4	16.51	92.1	93.2	-1.072	24.27	24.6	26.377	835.87		0	
"2014-05-21	16:00:00"	10.13	204	21.82	19.49	7.125	206.1	23.3	15.91	92.1	93.3	-1.222	22.48	22.56	26.369	546.91		0	
"2014-05-21	17:00:00"	12.16	218.8	26.06	30.22	8.52	218.2	26.8	22.47	88.8	89.3	-0.519	24.62	25.16	26.351	123.75		0	
"2014-05-21	18:00:00"	11.16	279.4	19.03	20.09	8.4	276.2	21.89	15.31	85.6	86	-0.343	24.01	24.42	26.328	256.13		0	
"2014-05-21	19:00:00"	18.88	126.9	58.54	44.54	11.48	128.5	60	30.82	85.8	86.7	-0.863	24.07	24	26.318	450.29		0	
"2014-05-21	20:00:00"	10.25	162.1	26.01	20.09	6.264	163.1	31.15	13.52	85.9	85.9	-0.021	20.16	20.29	26.299	171.79		0	
"2014-05-21	21:00:00"	15.91	156.4	12.53	27.24	9.26	156.2	18.79	18.89	83.4	83	0.385	29.54	30.39	26.306	13.365		0	
"2014-05-21	22:00:00"	12.67	152.4	8.26	20.68	7.299	152.5	16.22	14.12	80.4	79.87	0.564	38.83	40.58	26.307	0.0367		0	
"2014-05-21	23:00:00"	9.64	151.9	8.06	16.51	5.305	151.2	16.47	12.33	77.45	76.55	0.897	43.55	45.13	26.331	0		0	
"2014-05-22	00:00:00"	7.207	96.8	27.1	11.14	4.031	88.6	30.01	7.561	74.62	73.52	1.1	49.03	49.97	26.347	0		0	
"2014-05-22	01:00:00"	7.472	99	10.29	10.54	4.224	92.2	18.63	7.561	72.62	71.43	1.193	53.16	53.61	26.341	0		0	
"2014-05-22	02:00:00"	8.36	105.9	9.35	14.12	5.212	101.1	18.1	9.95	72.63	71.67	0.956	53.56	53.66	26.333	0		0	
"2014-05-22	03:00:00"	11.22	122.3	10.12	17.1	6.521	120.3	17.33	12.33	71.24	70.53	0.708	57.31	56.47	26.321	0		0	
"2014-05-22	04:00:00"	10.48	129.9	8.96	15.91	6.114	127.6	16.99	11.14	69.98	69.34	0.638	60.65	59.17	26.316	0		0	
"2014-05-22	05:00:00"	9.23	129.6	7.941	13.52	5.209	126.9	15.87	10.54	67.8	67.19	0.608	67.2	64.57	26.311	0		0	
"2014-05-22	06:00:00"	9.28	123.8	12.8	14.72	5.664	119.8	19.47	9.95	66.88	66.41	0.473	71.6	68.19	26.302	0		0	
"2014-05-22	07:00:00"	6.613	132.6	17.1	12.93	3.97	129	24.13	9.95	67.15	66.82	0.325	75.14	70.98	26.317	1.2483		0	
"2014-05-22	08:00:00"	5.539	128.7	33.16	14.12	3.571	121.9	37.42	9.95	68.56	68.43	0.132	79.2	74.74	26.336	10.111		0	
"2014-05-22	09:00:00"	10.96	138.8	11.84	21.28	6.712	139.1	19.08	15.31	69.62	70.01	-0.396	80.8	75.55	26.35	129.89		0	
"2014-05-22	10:00:00"	17.51	148.5	12.01	24.86	10.49	148.4	19.38	18.89	72.38	73.79	-1.402	73.6	68.08	26.37	387.33		0	
"2014-05-22	11:00:00"	17.58	158.5	11.57	26.05	10.7	158	18.91	18.3	74.43	76.29	-1.866	67.91	62.63	26.392	515		0	
"2014-05-22	12:00:00"	15.57	154.6	11.55	23.07	9.56	154.4	19.07	17.7	75.31	77.12	-1.805	65.8	61.03	26.408	432.91		0	
"2014-05-22	13:00:00"	13.7	145.8	16.11	23.07	8.51	144.9	22.9	18.3	77.45	79.3	-1.841	60.61	57.22	26.42	547.96		0	
"2014-05-22	14:00:00"	14.45	154.2	11.4	21.87	8.64	153.8	19.47	17.1	74.84	75.83	-0.989	65.68	62.43	26.437	153.05		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-22	15:00:00"	12.76	171.1	19.09	20.68	7.811	172.2	24.65	15.31	73.94	74.52	-0.576	67.85	65.21	26.418	166.15		0	
"2014-05-22	16:00:00"	10.59	161.1	28.31	18.3	6.792	160.2	34.88	12.93	76.11	77.03	-0.921	60.74	58.46	26.384	294.6		0	
"2014-05-22	17:00:00"	11.33	106.6	15.4	18.89	7.626	104.2	22.05	14.72	76.36	76.79	-0.433	56.39	55.37	26.37	98.274		0	
"2014-05-22	18:00:00"	9.81	93.7	11.11	16.51	6.369	90.9	20.12	11.14	77.61	77.64	-0.031	51.51	51.75	26.347	75.33		0	
"2014-05-22	19:00:00"	12.9	130.7	28.43	21.28	7.904	130.6	33.38	15.91	78.32	78.31	0.015	50.17	50.62	26.356	60.644		0	
"2014-05-22	20:00:00"	7.553	174.4	20.1	18.89	4.358	176.3	26.22	12.33	78.1	77.95	0.159	50.18	50.66	26.364	55.095		0	
"2014-05-22	21:00:00"	6.043	319.5	50.8	12.33	4.473	317.9	53.13	10.54	72.72	72.76	-0.046	59.9	58.1	26.372	18.45		0	
"2014-05-22	22:00:00"	3.685	20.55	30.1	9.95	1.938	19.49	50.35	8.16	69.51	68.92	0.587	65.85	63.61	26.363	0.02425		0	
"2014-05-22	23:00:00"	6.648	18.75	10.84	10.54	4.353	15.34	15.26	8.16	69.73	69.53	0.197	67.44	64.49	26.369	0		0	
"2014-05-23	00:00:00"	3.681	75.82	16.45	7.561	1.766	54.39	37.09	4.578	70.17	68.94	1.23	67.36	66.21	26.372	0		0	
"2014-05-23	01:00:00"	5.307	105.1	16.28	8.16	2.489	84.6	19.23	3.982	70.59	68.55	2.034	67.97	67.83	26.367	0		0	
"2014-05-23	02:00:00"	6.592	129.3	16.9	9.95	3.119	120.9	21.76	5.175	69.3	67.45	1.847	72.53	71.49	26.347	0		0	
"2014-05-23	03:00:00"	4.13	110.5	40.28	7.561	1.739	79.43	51.69	3.982	68.71	67.23	1.476	75.47	73.68	26.339	0		0	
"2014-05-23	04:00:00"	5.746	22.1	11.6	10.54	3.914	18.28	13.89	8.16	68.74	68.17	0.566	75.2	72.01	26.337	0		0	
"2014-05-23	05:00:00"	11.31	28.31	11.94	18.89	7.215	25.44	13.59	17.7	65.63	65.68	-0.049	78.17	73.18	26.34	0		0	
"2014-05-23	06:00:00"	11.76	45.59	10.22	17.1	6.317	39.75	15.12	12.93	63.34	63.36	-0.025	83	77.01	26.327	0		0	
"2014-05-23	07:00:00"	10.61	43.7	15.46	17.7	6.309	38.26	18.49	12.93	62.43	62.42	0.005	86	79.61	26.331	0.30871		0	
"2014-05-23	08:00:00"	11.56	28.65	10.14	15.91	7.545	24.19	12.82	14.72	62.65	62.85	-0.2	88.3	81.4	26.35	22.698		0	
"2014-05-23	09:00:00"	13.03	32.95	10.76	19.49	8.07	27.55	13.21	18.3	64.62	65.01	-0.391	86.4	79.98	26.362	129.05		0	
"2014-05-23	10:00:00"	15.45	36.28	10.6	21.28	8.91	30.8	13.02	17.7	66.51	67.27	-0.756	81	75.22	26.384	299.04		0	
"2014-05-23	11:00:00"	14.2	41.43	11.57	20.68	8.23	35.08	14.89	17.1	69.18	70.36	-1.177	72.75	68.06	26.398	468.69		0	
"2014-05-23	12:00:00"	11.81	47.74	17.95	18.89	7.224	41.38	21.32	14.12	72.41	74.31	-1.909	66.07	62.16	26.411	690.57		0	
"2014-05-23	13:00:00"	9.72	66.91	22.6	17.1	6.393	60.13	29.62	12.93	76.56	79.02	-2.468	56.39	53.93	26.418	758.3		0	
"2014-05-23	14:00:00"	10.01	73.9	23.41	19.49	6.819	68.43	31.97	14.12	78.99	81.6	-2.605	50.63	48.97	26.418	817.13		0	
"2014-05-23	15:00:00"	9.07	84.6	28.57	19.49	6.404	80.8	36.83	14.12	81.6	83.8	-2.215	44.55	44.12	26.398	857.51		0	
"2014-05-23	16:00:00"	8.67	89.7	26.24	18.89	6.133	84.8	35.62	14.72	83.1	85	-1.904	40.45	40.94	26.382	712.38		0	
"2014-05-23	17:00:00"	10.82	68.06	14.6	18.3	6.874	62.47	22.09	14.72	80.1	81.1	-0.929	44.83	44.96	26.36	105.11		0	
"2014-05-23	18:00:00"	13.97	66.24	11.66	22.47	8.64	60.48	19.06	17.1	79.53	80.5	-0.981	47.06	46.88	26.319	247.13		0	
"2014-05-23	19:00:00"	12.66	82	14.98	29.03	7.801	77.42	23.33	23.07	76.59	77.36	-0.774	59.14	57.53	26.319	123.17		0	
"2014-05-23	20:00:00"	14.75	80.4	9.84	23.66	8.82	75.69	20.69	16.51	75.49	75.84	-0.348	57.67	56.47	26.315	59.809		0	
"2014-05-23	21:00:00"	16.6	86.6	9.64	27.84	10.15	84.7	19.09	19.49	74.02	74.03	-0.009	58.45	57.22	26.306	1.9825		0	
"2014-05-23	22:00:00"	17.49	92.8	17.29	33.21	10.58	91.6	25.33	19.49	69.33	69.22	0.117	73.63	70.59	26.338	0.00093	0.72		
"2014-05-23	23:00:00"	16.23	100.5	12.88	29.03	10.47	99	20.52	23.66	64.75	64.42	0.332	88.8	84.7	26.318	0	0.01		
"2014-05-24	00:00:00"	13.83	92.9	10.92	24.26	8.78	91.9	18.76	15.91	65.43	65	0.438	86.7	82.9	26.314	0	0		
"2014-05-24	01:00:00"	14.19	110.6	8.85	21.87	9	109	16.95	15.91	65.17	64.81	0.362	86.4	82.3	26.302	0	0		
"2014-05-24	02:00:00"	16.17	122.4	8.43	27.24	9.78	121.3	16.06	20.09	64.63	64.32	0.307	87.6	83	26.277	0	0		
"2014-05-24	03:00:00"	11.85	128.1	8.73	17.7	7.011	127	16.57	12.33	63.87	63.54	0.327	89.8	84.9	26.267	0	0		
"2014-05-24	04:00:00"	9.95	126.4	12.18	15.91	5.963	125.2	19.11	11.74	63.2	62.95	0.25	91.9	86.5	26.253	0	0		
"2014-05-24	05:00:00"	9.07	107.6	10.37	14.72	6.197	106.3	17.91	11.14	63.16	63.16	0.003	92.4	86.6	26.253	0	0		
"2014-05-24	06:00:00"	7.928	124.3	10.2	15.91	4.88	122.6	18.24	11.14	64.52	64.43	0.091	91	86	26.272	0	0		
"2014-05-24	07:00:00"	7.219	118.7	9.79	11.14	4.46	116.7	17.75	8.16	65.8	65.67	0.123	89.6	85	26.279	0.2347	0		
"2014-05-24	08:00:00"	10.54	143.8	13.67	19.49	6.236	142.6	20.69	13.52	67.66	67.43	0.235	86.3	82.4	26.286	2.7766	0		
"2014-05-24	09:00:00"	10.06	120.8	60.12	28.43	6.215	119.5	65.03	26.05	65.97	65.99	-0.015	86.6	81.9	26.316	8.9968	0		
"2014-05-24	10:00:00"	20.6	28.93	11.69	32.01	13.22	24.58	13.14	26.65	58.07	58.25	-0.176	89.6	82.7	26.34	26.144	0.02		
"2014-05-24	11:00:00"	19.72	47.51	10.02	29.63	10.51	40.25	14.69	21.87	58.42	58.7	-0.274	92	85.8	26.324	220.67	0.02		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-24	12:00:00"	18.27	54.43	9.94	28.43	10.32	49.04	17.06	21.28	60.28	60.51	-0.235	89.1	83.7	26.324	193.82	0.04		
"2014-05-24	13:00:00"	18.82	61.39	12.72	29.03	11.12	54.73	19.2	21.28	64.53	65.65	-1.125	81.7	77.98	26.323	713.25	0		
"2014-05-24	14:00:00"	17.83	67.49	11.29	26.65	10.95	61.99	19.36	20.09	67.81	69.54	-1.727	71.98	68.69	26.333	758.89	0		
"2014-05-24	15:00:00"	19.3	84.6	10.99	29.03	12.1	81.2	20.73	21.28	70.81	72.9	-2.091	65.22	62.86	26.331	887.24	0		
"2014-05-24	16:00:00"	17.57	80.9	11.58	28.43	11.01	76.46	21.11	20.09	71.1	73.21	-2.109	65.2	62.33	26.32	816.96	0		
"2014-05-24	17:00:00"	15.06	83.2	12.37	22.47	9.59	79.62	21.47	17.7	72.02	73.76	-1.739	64.86	62.23	26.315	537.79	0		
"2014-05-24	18:00:00"	14.72	81.1	12.07	23.07	9.37	77.54	21.13	15.31	71.85	73.46	-1.602	65.33	62.51	26.287	516.56	0		
"2014-05-24	19:00:00"	14.59	85.6	11.27	25.45	9.27	82.2	20.99	17.7	71.2	72.25	-1.046	67.8	64.9	26.277	257.76	0		
"2014-05-24	20:00:00"	13.87	88.4	9.34	22.47	8.55	87	18.92	14.72	69.42	69.76	-0.346	74.68	71.18	26.254	66.96	0		
"2014-05-24	21:00:00"	12.88	95.2	10.08	20.68	8.55	93.7	18.72	16.51	68.8	68.82	-0.019	79.07	75.38	26.241	30.625	0		
"2014-05-24	22:00:00"	11.21	101.4	10.56	21.87	7.539	99.1	18.2	17.1	67.3	67.05	0.246	82.7	78.68	26.225	0.02482	0		
"2014-05-24	23:00:00"	12.32	103.8	9.96	21.87	8.24	102.7	17.95	15.91	66.08	65.9	0.183	88.1	83	26.223	0	0		
"2014-05-25	00:00:00"	9.29	101.5	11.05	16.51	6.209	99.5	19.51	12.93	65.12	65.07	0.055	91.8	86.3	26.248	0	0		
"2014-05-25	01:00:00"	6.77	22.82	61.37	17.1	4.966	11.11	65.43	14.12	64.15	64.16	-0.009	88.9	84	26.268	0	0		
"2014-05-25	02:00:00"	10.62	12	15.5	17.7	7.568	9.34	17.69	15.91	61.21	61.37	-0.158	83.1	77.77	26.261	0	0		
"2014-05-25	03:00:00"	7.677	31.25	23.63	11.74	5.152	28.58	25.64	11.74	61.53	61.51	0.019	83.4	78.22	26.24	0	0		
"2014-05-25	04:00:00"	6.688	48.4	14.65	10.54	3.903	43.06	18.72	7.561	61.9	61.88	0.021	83.8	78.61	26.229	0	0		
"2014-05-25	05:00:00"	8.74	68.18	9.19	14.12	5.293	62.94	17.59	10.54	60.88	60.78	0.106	86.1	80.6	26.236	0	0		
"2014-05-25	06:00:00"	10.17	86.1	10.53	15.91	6.078	83.2	20.92	11.74	62.06	62.06	0.004	88.5	82.5	26.244	0	0		
"2014-05-25	07:00:00"	9.3	92.9	12.5	15.31	5.754	91.2	21.18	11.74	62.64	62.53	0.114	91.7	86.3	26.26	0.15781	0.02		
"2014-05-25	08:00:00"	8.87	84.4	11.42	14.72	5.364	80.7	21.04	9.95	62.59	62.51	0.08	92.6	87.3	26.273	7.2878	0		
"2014-05-25	09:00:00"	14.15	87.1	12.27	24.86	8.79	83.5	20.81	17.7	61.56	61.61	-0.052	90.7	85.1	26.3	29.922	0		
"2014-05-25	10:00:00"	14.95	89.7	9.71	23.07	9.4	87.7	19.13	17.1	61.02	61.37	-0.352	91.3	84.8	26.311	107.53	0		
"2014-05-25	11:00:00"	15.05	107.7	15.44	23.07	9.76	105.3	21.89	17.1	61.77	62.38	-0.607	89.1	82.5	26.316	177.82	0		
"2014-05-25	12:00:00"	16.06	139.4	10.64	24.86	9.62	140.3	18.04	17.7	63.87	64.64	-0.771	81.3	75.84	26.322	267.56	0		
"2014-05-25	13:00:00"	16.64	135.6	13.05	24.86	10.38	135.4	19.32	17.7	67.55	68.9	-1.352	67.7	64.11	26.347	557.7	0		
"2014-05-25	14:00:00"	16.48	138.3	14.14	26.05	10.26	139.1	21.12	18.89	71.36	73.45	-2.092	57.69	55.36	26.353	880.69	0		
"2014-05-25	15:00:00"	12.68	146.7	18.25	22.47	8.25	147	24.37	16.51	74.53	76.47	-1.936	51.21	49.97	26.344	897.49	0		
"2014-05-25	16:00:00"	11.59	154.6	21.21	22.47	7.533	155.8	27.77	15.31	77.11	78.89	-1.779	44.69	44.64	26.336	787.17	0		
"2014-05-25	17:00:00"	10.39	143.5	18.99	19.49	6.799	143.7	26.67	13.52	78.35	79.97	-1.617	40.13	40.8	26.32	674.03	0		
"2014-05-25	18:00:00"	8.88	151.6	23.96	16.51	5.845	152.4	30.2	12.93	79.19	80.1	-0.897	31.9	33.34	26.309	398.05	0		
"2014-05-25	19:00:00"	11.68	154.4	16.68	18.89	7.04	156.3	23.51	14.12	77.72	78.32	-0.603	37.74	39.05	26.299	215.47	0		
"2014-05-25	20:00:00"	15.27	148.5	10.7	24.26	9.02	149.3	18	18.3	76.02	76.31	-0.289	48.46	48.82	26.294	183	0		
"2014-05-25	21:00:00"	14.27	150.2	8.29	21.28	8.28	151.2	17.04	14.72	71.43	71.11	0.32	60.93	60.03	26.292	6.4246	0		
"2014-05-25	22:00:00"	12.22	152.8	9.13	18.89	7.033	153.2	17.36	13.52	69.4	68.91	0.49	68.91	67.12	26.299	0.03171	0		
"2014-05-25	23:00:00"	9.4	149.5	10.72	18.3	5.345	148.3	18.53	12.93	67.47	66.9	0.567	74.3	71.76	26.312	0	0		
"2014-05-26	00:00:00"	9.48	145.6	8.98	17.1	5.283	144.2	16.54	11.14	65.6	65	0.604	76.98	74.08	26.312	0	0		
"2014-05-26	01:00:00"	8.79	138.8	10.89	16.51	5.3	138	19.05	11.14	65.23	65.19	0.045	76.3	72.31	26.316	0	0		
"2014-05-26	02:00:00"	9.05	148.5	9.82	14.72	5.313	147.7	17.97	9.95	65.11	65.14	-0.029	80.1	75.41	26.32	0	0		
"2014-05-26	03:00:00"	8.62	148.8	16.44	16.51	5.048	146.4	23.16	11.74	65.07	65.13	-0.06	82.9	77.8	26.316	0	0		
"2014-05-26	04:00:00"	8.96	128.8	10.62	13.52	5.492	127	18.16	9.95	64.5	64.55	-0.055	82.4	77.32	26.312	0	0		
"2014-05-26	05:00:00"	9.58	131.1	7.821	13.52	5.729	130	16.32	9.95	63.85	63.86	-0.008	83.2	78.01	26.286	0	0		
"2014-05-26	06:00:00"	8.65	141.7	11.97	13.52	5.079	141.4	19.66	11.14	63.35	63.36	-0.001	85.8	80.1	26.286	0	0		
"2014-05-26	07:00:00"	4.136	318.1	59.76	8.16	2.875	320.7	51.43	6.368	63.59	63.71	-0.115	87.7	82.1	26.311	0.1251	0		
"2014-05-26	08:00:00"	8.16	57.7	17.8	13.52	4.834	53.36	22.29	10.54	61.67	61.91	-0.238	94.6	87.8	26.32	13.474	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-26	09:00:00"	8.8	67.49	14.66	14.12	5.237	62.85	21.93	10.54	61.44	61.73	-0.295	95.6	89.7	26.325	50.937	0.02		
"2014-05-26	10:00:00"	10.63	70.93	16.2	17.7	6.653	66.76	23.25	11.74	61.56	62.46	-0.9	93.8	88	26.328	281.64	0		
"2014-05-26	11:00:00"	10.92	91.5	14.35	17.1	7.283	87.9	23.6	12.33	64.52	66.39	-1.876	87.8	80.7	26.338	570.13	0		
"2014-05-26	12:00:00"	8.43	94.3	18.23	14.12	6.012	90.1	26.55	12.33	69.16	71.22	-2.052	76.53	71.35	26.356	739.84	0		
"2014-05-26	13:00:00"	7.711	99	22.12	14.12	5.585	94.3	30.37	11.74	74.08	75.78	-1.693	62.83	60.8	26.369	807.83	0		
"2014-05-26	14:00:00"	6.259	107.8	88.9	19.49	4.798	109	93.3	16.51	79.27	80.1	-0.806	44.05	45.89	26.356	699.59	0		
"2014-05-26	15:00:00"	14.22	257.9	24.66	26.65	10.66	255.3	26.83	20.68	80.7	81.7	-0.924	30.09	31.44	26.349	649.59	0		
"2014-05-26	16:00:00"	13.75	254.7	18.62	21.87	10.26	252.3	20.23	16.51	80.3	80.9	-0.657	28.7	29.83	26.332	437.46	0		
"2014-05-26	17:00:00"	12.11	282.1	18.81	20.09	9.43	280.6	22.28	18.3	80.5	81.2	-0.696	29.59	30.86	26.319	447.93	0		
"2014-05-26	18:00:00"	9.25	271.2	48.58	20.68	7.059	272.5	49.62	18.3	78.76	79.11	-0.352	33.12	34.59	26.317	226.62	0		
"2014-05-26	19:00:00"	13.17	312.5	19.95	21.87	10.47	310.9	21.43	18.3	79.3	79.69	-0.391	32.23	33.57	26.311	272.79	0		
"2014-05-26	20:00:00"	10.05	316.5	15.56	17.7	8.12	315.9	16.63	14.72	78.73	78.64	0.085	33.22	34.87	26.323	201.56	0		
"2014-05-26	21:00:00"	6.065	320.9	23.54	9.35	4.165	321.3	23.62	8.75	76.78	75.98	0.802	35.16	38.66	26.332	37.198	0		
"2014-05-26	22:00:00"	7.894	11.7	23.11	19.49	4.734	9.96	23.69	17.1	72.43	71.45	0.986	42.86	45.55	26.332	0.12455	0		
"2014-05-26	23:00:00"	9.89	64.36	11.39	17.7	5.898	60.51	19.52	12.33	64.78	64.56	0.227	65.66	62.71	26.342	0	0		
"2014-05-27	00:00:00"	7.312	66.18	9.03	11.14	4.412	61.06	16.77	8.75	62.35	61.94	0.415	78.91	74.05	26.332	0	0		
"2014-05-27	01:00:00"	5.284	77.26	11.03	8.16	2.897	70.89	20.52	6.368	60.92	60.29	0.622	89.8	83.6	26.318	0	0		
"2014-05-27	02:00:00"	3.594	83.2	17.66	5.771	1.353	73.76	35.98	3.386	60.22	59.26	0.954	94	87.8	26.301	0	0		
"2014-05-27	03:00:00"	2.975	283.4	71.98	5.175	1.264	302.3	47.1	3.982	59.62	58.01	1.614	95.9	89.3	26.285	0	0		
"2014-05-27	04:00:00"	4.342	326.7	19.55	6.368	1.815	320.8	22.42	4.578	58.52	57.34	1.183	95.2	89.4	26.278	0	0		
"2014-05-27	05:00:00"	5.491	308.6	15.58	9.35	3.437	302.3	22.2	6.964	57.04	56.56	0.483	95.5	89.4	26.274	0	0		
"2014-05-27	06:00:00"	5.562	323.4	8.35	8.75	2.996	313.2	14.75	6.368	57.56	56.87	0.696	95.3	89.2	26.27	0	0		
"2014-05-27	07:00:00"	5.114	288.5	32.13	8.16	3.169	276.2	38.32	6.964	58.47	57.11	1.362	93.2	88.6	26.274	2.1809	0		
"2014-05-27	08:00:00"	4.217	269.5	32.67	9.95	3.038	248.3	44.7	8.16	56.46	55.69	0.771	90.5	85.6	26.281	100.65	0		
"2014-05-27	09:00:00"	5.654	285.4	15.18	9.35	4.56	282.6	18.85	8.16	63.16	63.62	-0.457	76.18	71.93	26.303	270.45	0		
"2014-05-27	10:00:00"	7.976	293.8	13.11	15.31	6.378	291.2	17.84	11.74	71.1	71.93	-0.828	50	50.12	26.338	455.25	0		
"2014-05-27	11:00:00"	11.62	316	12.28	20.09	9.45	315.5	14.04	16.51	77.2	77.88	-0.672	33.17	34.98	26.373	621.83	0		
"2014-05-27	12:00:00"	11.67	326.2	17.24	21.87	9.49	324.2	17.64	17.7	80.9	81.9	-0.925	28.52	29.94	26.39	768.37	0		
"2014-05-27	13:00:00"	13.84	327.7	17.51	20.09	11.24	326.6	18.66	17.7	83.4	84.6	-1.19	24.97	25.94	26.406	860.12	0		
"2014-05-27	14:00:00"	13.76	340.2	19.18	24.86	10.98	338.1	19.56	20.09	85.2	86.6	-1.446	22.95	23.67	26.406	899.33	0		
"2014-05-27	15:00:00"	13.92	333.8	21.4	22.47	11.14	331.8	22.45	20.68	86.5	87.8	-1.287	22.19	22.86	26.397	891.73	0		
"2014-05-27	16:00:00"	14.8	351.4	20.34	32.61	10.9	349.8	26.31	29.03	87.5	89.2	-1.738	20.66	21.05	26.389	841.27	0		
"2014-05-27	17:00:00"	13.38	352.7	21.53	27.24	10.35	348.3	23.4	22.47	88.1	89.4	-1.347	20.4	20.9	26.38	734.49	0		
"2014-05-27	18:00:00"	13.52	356.6	17	21.87	10.33	352.4	19.82	18.89	88.1	89.2	-1.169	20.32	20.8	26.375	578	0		
"2014-05-27	19:00:00"	12.57	352.4	18.26	21.28	9.57	348.8	20.14	17.7	87.7	88.6	-0.883	20.72	21.2	26.369	399.38	0		
"2014-05-27	20:00:00"	11.62	11.33	15.03	18.3	8.49	7.345	17.76	16.51	86.9	87	-0.063	22.3	23.15	26.369	205.81	0		
"2014-05-27	21:00:00"	10.47	29.96	10.78	17.1	6.515	25.54	12.27	13.52	84.5	84.3	0.175	24.38	25.34	26.374	41.098	0		
"2014-05-27	22:00:00"	8.98	39.1	11.96	13.52	4.92	33.68	14.45	10.54	79.9	79.3	0.601	30.49	31.98	26.377	0.13581	0		
"2014-05-27	23:00:00"	8.39	61.41	11.01	12.93	4.556	61.44	20.05	8.16	75.04	73.97	1.072	39.47	41.64	26.378	0	0		
"2014-05-28	00:00:00"	9.85	75.15	7.571	13.52	5.305	68.57	18.7	9.95	71.28	70.34	0.931	52.17	52.51	26.377	0	0		
"2014-05-28	01:00:00"	9.8	73.61	7.12	14.12	5.563	64.43	16.75	9.35	68.05	67.33	0.717	63.56	62.06	26.37	0	0		
"2014-05-28	02:00:00"	9.15	70.27	5.782	11.74	5.274	63.35	15.9	8.75	66.1	65.21	0.885	70.44	68.25	26.362	0	0		
"2014-05-28	03:00:00"	5.027	53.62	23.49	9.95	2.498	46.48	48.56	6.964	64.92	63.59	1.328	74.17	72.23	26.356	0	0		
"2014-05-28	04:00:00"	5.203	29.1	14.09	8.16	2.926	22.73	18.58	6.964	64	63.24	0.764	76.4	73.01	26.348	0	0		
"2014-05-28	05:00:00"	5.614	27.37	9.34	8.75	3.022	27.96	14.89	8.16	62.74	62.2	0.541	80.3	75.81	26.351	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-28	06:00:00"	6.304	42.71	14.75	9.35	3.447	42.64	19.09	7.561	62.03	61.38	0.651	82.3	77.7	26.346	0	0		
"2014-05-28	07:00:00"	3.918	21.83	39.93	6.964	2.181	17.85	55.81	4.578	60.74	59.65	1.091	84.7	80.4	26.352	2.1522	0		
"2014-05-28	08:00:00"	3.627	352.5	48.98	5.771	2.08	349.7	59.67	4.578	61.91	61.3	0.611	82.3	77.76	26.364	84.723	0		
"2014-05-28	09:00:00"	2.571	350.1	39.04	4.578	1.81	341.2	37.43	3.982	68.41	69.13	-0.716	68.98	66.33	26.399	265.82	0		
"2014-05-28	10:00:00"	3.366	32.86	38.76	7.561	2.547	20.05	46.32	6.368	72.39	73.78	-1.393	58.34	57.58	26.436	458.03	0		
"2014-05-28	11:00:00"	4.797	42.37	60.89	12.93	3.471	32.44	66.61	11.74	76.96	78.03	-1.068	44.35	46.14	26.455	624.26	0		
"2014-05-28	12:00:00"	4.96	70.33	44.84	11.74	3.84	66.12	58.35	11.14	81.4	82.1	-0.699	35.14	37.74	26.469	768.62	0		
"2014-05-28	13:00:00"	6.74	38.72	50.64	15.31	4.829	30.07	55.16	14.72	83.4	84.6	-1.211	30.96	33.02	26.474	860.08	0		
"2014-05-28	14:00:00"	9.62	50.55	29.83	18.89	6.38	45	34.98	14.72	85.3	87.1	-1.842	26.43	27.63	26.464	900.89	0		
"2014-05-28	15:00:00"	9.79	10.71	31.62	20.09	7.178	5.554	33.52	16.51	86.9	88.5	-1.6	23.82	24.72	26.451	897.18	0		
"2014-05-28	16:00:00"	11.09	28.7	24.38	23.66	7.262	23.26	28.25	18.89	87.8	89.4	-1.621	22.03	22.76	26.437	841.46	0		
"2014-05-28	17:00:00"	11.76	42.38	23.63	21.87	7.269	36.88	27.25	16.51	88	89.6	-1.608	20.77	21.31	26.419	733.55	0		
"2014-05-28	18:00:00"	11.93	47.59	21.69	22.47	7.36	42.91	26.21	17.7	88.2	89.6	-1.459	19.32	19.72	26.403	583	0		
"2014-05-28	19:00:00"	12.45	57.07	17.49	24.26	7.657	51.31	22.93	18.3	87.1	88.3	-1.179	21.18	21.5	26.389	400.34	0		
"2014-05-28	20:00:00"	11.43	65.82	16.09	21.28	6.93	60.8	23.22	15.91	86	86.2	-0.21	22.58	23.4	26.386	205	0		
"2014-05-28	21:00:00"	11.02	77.75	13.52	17.7	6.751	74.1	21.3	12.33	82.9	82.7	0.236	28	29.22	26.392	39.589	0		
"2014-05-28	22:00:00"	9.44	83.1	8.72	13.52	5.196	78.86	19.33	9.95	77.98	77.07	0.907	34.82	36.99	26.385	0.10489	0		
"2014-05-28	23:00:00"	9.26	86.4	6.674	13.52	4.843	84.2	17.31	8.16	74.22	73.14	1.075	40.03	42.14	26.384	0	0		
"2014-05-29	00:00:00"	8.85	88.2	7.536	11.74	4.727	84.5	17.67	7.561	72.13	71.02	1.117	43.68	45.39	26.378	0	0		
"2014-05-29	01:00:00"	8.27	92.3	7.104	10.54	4.464	88.3	17.19	7.561	70.53	69.32	1.206	46.54	47.83	26.367	0	0		
"2014-05-29	02:00:00"	7.382	104.4	9.98	9.95	4.214	97.3	19.22	6.964	69.1	67.82	1.279	52.54	53.04	26.357	0	0		
"2014-05-29	03:00:00"	7.442	114.4	7.031	10.54	3.961	109.8	15.96	6.964	67.72	66.56	1.16	58.37	58.04	26.341	0	0		
"2014-05-29	04:00:00"	6.487	103.2	10.33	9.35	3.254	92.5	19.95	5.771	66.15	64.79	1.364	63.86	63.09	26.332	0	0		
"2014-05-29	05:00:00"	3.38	120	76.8	7.561	2	69.08	87.9	5.771	65.64	63.65	1.985	67.36	67.42	26.327	0	0		
"2014-05-29	06:00:00"	2.66	57.67	44.58	4.578	1.149	36.31	69.68	3.386	65.67	62.54	3.136	67.9	69.81	26.325	0	0		
"2014-05-29	07:00:00"	2.023	49.92	30.78	3.982	1.069	167.4	98.4	2.789	63.49	59.77	3.714	72.4	75.1	26.322	2.2047	0		
"2014-05-29	08:00:00"	4.443	52.55	13.13	6.368	2.287	49.59	18.33	4.578	65.95	64.91	1.042	67.27	66.41	26.33	81.603	0		
"2014-05-29	09:00:00"	3.251	97.1	56.8	6.368	2.44	98.6	63.39	5.771	72.49	73.08	-0.598	56.27	55.63	26.364	260.55	0		
"2014-05-29	10:00:00"	5.946	128.4	21.99	11.14	4.24	125.3	32.09	8.75	76.28	77.79	-1.511	47.27	47.02	26.401	451.82	0		
"2014-05-29	11:00:00"	6.384	115.5	28.88	13.52	4.581	112.1	38.61	11.14	80.3	81.5	-1.222	38.44	39.7	26.422	617.2	0		
"2014-05-29	12:00:00"	8.82	100.3	23.78	18.3	6.355	100.3	31.42	14.72	82.1	83.6	-1.494	33.31	34.42	26.429	761.16	0		
"2014-05-29	13:00:00"	9.01	91.1	21.81	17.7	6.498	87.8	30.09	14.12	84.1	85.8	-1.713	29.32	30.22	26.429	856.15	0		
"2014-05-29	14:00:00"	9.03	89.6	29.51	17.7	6.205	84.5	37.01	14.12	86	87.9	-1.924	27.47	28.23	26.418	896.04	0		
"2014-05-29	15:00:00"	9.6	82.3	30.57	25.45	6.673	76.98	38.45	24.86	87.5	89.3	-1.857	25.47	26.25	26.405	880.49	0		
"2014-05-29	16:00:00"	9.69	84.1	34.7	22.47	6.716	80.6	42.19	15.31	88.2	90	-1.841	23.89	24.45	26.395	826.9	0		
"2014-05-29	17:00:00"	8.61	64.8	30.49	17.1	5.673	61.92	36.69	13.52	86.9	88.2	-1.292	23.98	24.7	26.38	442.74	0		
"2014-05-29	18:00:00"	9.54	72.31	29.56	18.3	6.311	67.08	36.72	12.93	87.6	89	-1.371	23.07	23.76	26.367	575.81	0		
"2014-05-29	19:00:00"	9.06	82.1	26.49	18.89	5.912	77.5	34.45	14.12	87	88.1	-1.094	23.32	23.87	26.36	344.94	0		
"2014-05-29	20:00:00"	9.01	86.3	16.28	15.91	5.885	83.9	23.79	11.14	85.9	86.1	-0.15	24.19	25.19	26.355	183	0		
"2014-05-29	21:00:00"	7.518	80.9	9.15	12.33	4.324	75.44	18.8	8.75	83.2	82.6	0.586	28.17	29.79	26.359	29.255	0		
"2014-05-29	22:00:00"	7.774	94.1	17.11	11.14	4.115	92.6	24.79	7.561	78.89	77.78	1.114	35.29	37.73	26.349	0.07601	0		
"2014-05-29	23:00:00"	7.057	118.4	9.06	9.35	3.536	111.8	16.01	6.368	75.91	74.38	1.535	40.86	43.89	26.347	0	0		
"2014-05-30	00:00:00"	7.917	125.6	6.54	11.14	4.207	121.1	14.45	7.561	74.33	73	1.326	45.12	47.31	26.347	0	0		
"2014-05-30	01:00:00"	7.701	124	6.303	9.95	4.218	119.7	13.38	6.964	72.55	71.43	1.116	49.61	50.8	26.341	0	0		
"2014-05-30	02:00:00"	7.459	127.9	10.09	12.33	3.912	122.6	18.12	8.16	71.27	70.14	1.127	53.95	54.59	26.332	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-05-30	03:00:00"	6.634	130.2	7.672	8.75	3.003	120.3	16.03	5.175	69.75	68.04	1.713	57.33	58.55	26.32	0	0		
"2014-05-30	04:00:00"	5.953	128.3	7.804	8.16	2.674	115.9	14.26	5.175	68.76	67.09	1.673	60.46	61.3	26.312	0	0		
"2014-05-30	05:00:00"	5.632	132.6	7.683	6.964	1.78	104.9	12.71	3.386	67.92	65.31	2.605	62.65	64.98	26.304	0	0		
"2014-05-30	06:00:00"	5.163	173.7	59.32	8.16	2.162	114.9	83.9	5.771	67.25	64.51	2.736	64.68	67.04	26.303	0	0		
"2014-05-30	07:00:00"	1.604	38.39	76.71	3.386	1.247	18.94	56.46	3.386	66.74	63.95	2.791	65.72	68.81	26.311	4.4613	0		
"2014-05-30	08:00:00"	1.295	329.7	83.6	2.789	1	334.8	68.78	1	69.69	67.24	2.448	60.67	65.15	26.325	55.984	0		
"2014-05-30	09:00:00"	3.683	241.3	37.09	12.93	2.752	243.4	39.35	9.95	72.8	72.7	0.101	56.58	56.4	26.357	207.91	0		
"2014-05-30	10:00:00"	8.82	186	15.41	13.52	5.799	188.1	20.9	9.95	76.41	77.59	-1.176	49.32	48.49	26.39	432.78	0		
"2014-05-30	11:00:00"	7.087	169.9	25.08	11.74	4.799	171.6	31.6	9.35	81.2	82.6	-1.409	39.99	40.37	26.416	608.27	0		
"2014-05-30	12:00:00"	6.092	147.1	42.53	13.52	4.421	153.3	51.23	9.95	84.7	85.8	-1.121	31.15	32.17	26.426	752.28	0		
"2014-05-30	13:00:00"	5.879	124.2	56.79	19.49	4.383	120.4	63.83	16.51	87.6	88.3	-0.693	27.22	28.78	26.433	844.07	0		
"2014-05-30	14:00:00"	6.813	107.3	53.19	16.51	4.997	96.9	60.72	13.52	88.4	89.4	-0.958	26.74	28.13	26.426	753.87	0		
"2014-05-30	15:00:00"	6.267	110.7	61.16	15.91	4.526	108.5	68.36	11.74	90.8	91.4	-0.616	23.06	24.56	26.413	646.57	0		
"2014-05-30	16:00:00"	7.165	127.7	49.91	17.1	5.166	123.7	58.9	12.33	91.4	92.3	-0.884	21.8	22.92	26.402	780.22	0		
"2014-05-30	17:00:00"	8.04	108.1	33.21	20.09	5.63	104.8	41.89	14.72	90.1	91.2	-1.103	22.59	23.43	26.388	478.6	0		
"2014-05-30	18:00:00"	7.824	83.4	45.96	17.1	5.196	77.32	53.31	11.74	89.8	90.8	-0.993	22.54	23.43	26.37	415.82	0		
"2014-05-30	19:00:00"	7.257	99.6	29.32	17.1	5.029	94.7	38.14	12.93	89.8	90.5	-0.735	22.76	23.63	26.358	317.78	0		
"2014-05-30	20:00:00"	6.086	95.8	20.41	12.33	3.999	93	26.63	9.35	87.9	87.9	0.058	24.53	25.88	26.353	86.103	0		
"2014-05-30	21:00:00"	8.4	152.3	71.64	26.65	5.544	158.9	76.18	21.28	84.6	84	0.604	29.26	31.17	26.36	5.1009	0		
"2014-05-30	22:00:00"	12.03	254.4	70.97	24.86	8.27	257	71.8	18.89	76.27	73.89	2.378	48.62	57.74	26.346	0.00037	0.09		
"2014-05-30	23:00:00"	5.061	128.7	56.73	13.52	2.525	109.4	66.37	8.75	76.18	72.85	3.331	48.06	59.1	26.302	0	0		
"2014-05-31	00:00:00"	4.945	104.7	15.63	8.75	2.283	72.21	15.13	5.175	76.25	72.07	4.176	46.04	60.27	26.329	0	0		
"2014-05-31	01:00:00"	6.157	79.27	7.956	8.16	2.775	67.62	15.67	5.175	73.52	70.1	3.418	53.75	63.59	26.326	0	0		
"2014-05-31	02:00:00"	7.148	77.32	7.038	9.95	3.457	64.48	15.19	5.175	72.65	69.33	3.315	53.89	62.77	26.317	0	0		
"2014-05-31	03:00:00"	6.924	97.3	12.04	11.14	3.147	77.3	16.68	5.771	71.49	67.99	3.498	53.21	62.26	26.313	0	0		
"2014-05-31	04:00:00"	5.903	93.9	5.102	8.16	2.677	75.52	14.1	4.578	69.82	66.77	3.055	54.75	62.01	26.308	0	0		
"2014-05-31	05:00:00"	6.236	102.9	9.77	8.16	2.582	80.9	15.77	5.175	68.32	65.4	2.928	58.83	64.71	26.301	0	0		
"2014-05-31	06:00:00"	7.878	84.4	7.459	10.54	3.665	76.56	17.41	5.771	67.14	65.07	2.066	62.39	65.22	26.306	0	0		
"2014-05-31	07:00:00"	8.34	69.01	6.619	12.33	4.795	60.61	15.47	9.35	64.6	63.42	1.172	68.93	68.25	26.316	2.2546	0		
"2014-05-31	08:00:00"	7.399	79.39	14.63	9.95	4.328	72.68	21.41	8.16	65.61	65.09	0.524	70.01	68.01	26.323	93.166	0		
"2014-05-31	09:00:00"	8.77	127.3	13.69	13.52	5.562	126.9	20.85	9.95	72.6	73.27	-0.676	58.35	57.7	26.357	272.7	0		
"2014-05-31	10:00:00"	9.86	145.6	12.95	15.31	6.117	144.8	20.82	11.14	77.36	78.59	-1.229	45.86	47.2	26.395	444.85	0		
"2014-05-31	11:00:00"	10.21	156.2	16.77	17.1	6.45	155.4	23.87	13.52	81.8	83.1	-1.299	36.55	38.64	26.411	610.46	0		
"2014-05-31	12:00:00"	9.59	173.4	22.85	16.51	6.213	173.7	28.68	13.52	85.7	87	-1.247	30.83	32.47	26.423	753.77	0		
"2014-05-31	13:00:00"	8.55	189.3	30.18	16.51	5.839	190.5	33.02	12.33	88.9	90	-1.19	27.03	28.33	26.429	845.14	0		
"2014-05-31	14:00:00"	7.127	170	57.22	16.51	5.157	174.3	63.44	11.14	91.6	92.6	-0.914	23.78	25.23	26.422	883.97	0		
"2014-05-31	15:00:00"	6.491	209.1	42.19	20.68	4.981	213.4	48.59	20.68	93.8	94.2	-0.401	21.4	22.9	26.414	817.56	0		
"2014-05-31	16:00:00"	6.389	252.6	41.43	20.68	5.184	251.9	43.29	17.7	95.1	95.3	-0.232	19.59	21.14	26.395	837.06	0		
"2014-05-31	17:00:00"	6.734	222.4	55.99	17.1	5.33	222.4	57.78	15.91	96.2	96.2	-0.014	17.76	19.3	26.374	729.86	0		
"2014-05-31	18:00:00"	7.48	193	46.32	22.47	5.405	196.1	49.62	20.09	96.2	96.9	-0.649	17.19	18.27	26.358	586.99	0		
"2014-05-31	19:00:00"	5.764	273.2	39.8	12.33	4.733	270.7	43.07	11.74	96	96.2	-0.245	16.82	18.03	26.344	405.02	0		
"2014-05-31	20:00:00"	6.67	146.2	72.44	15.91	4.477	147.3	73.85	11.14	95.4	94.9	0.54	17.93	19.5	26.332	215.06	0		
"2014-05-31	21:00:00"	15.62	131.5	8.74	25.45	9.19	129.9	17.4	17.7	90.4	90.1	0.264	25.42	26.99	26.326	41.202	0		
"2014-05-31	22:00:00"	16.01	133	7.953	23.66	9.24	131.3	16.65	15.91	85.9	85.4	0.535	33.05	35.11	26.319	0.19022	0		
"2014-05-31	23:00:00"	16.02	130.6	7.96	25.45	9.38	128.1	16.63	16.51	83	82.5	0.5	39.18	41.45	26.325	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-01	00:00:00"	14.62	130.5	8.16	23.07	8.33	126.8	16.63	17.7	80.9	80.3	0.54	43.53	45.41	26.329	0	0		
"2014-06-01	01:00:00"	11.94	135.1	8.07	17.1	6.927	133	16.47	11.74	78.71	78.06	0.647	48.81	50.14	26.323	0	0		
"2014-06-01	02:00:00"	11.15	140.8	8.23	18.89	6.549	138.4	16.93	14.72	77.02	76.35	0.672	53.37	54.2	26.313	0	0		
"2014-06-01	03:00:00"	12.08	145.3	8.01	18.89	6.939	143.5	16.6	15.31	75.78	75.18	0.605	55.57	55.98	26.307	0	0		
"2014-06-01	04:00:00"	10.13	144.6	7.845	14.72	5.696	142	16.33	10.54	73.86	73.13	0.729	58.34	58.38	26.293	0	0		
"2014-06-01	05:00:00"	9.8	140.4	8.25	14.12	5.556	138.1	17.42	10.54	72.38	71.63	0.751	61.3	60.84	26.282	0	0		
"2014-06-01	06:00:00"	8.16	140.8	7.632	11.74	4.569	137.8	15.82	8.16	70.6	69.69	0.91	65.13	64.28	26.27	0	0		
"2014-06-01	07:00:00"	7.655	140.5	8.01	11.14	4.199	136.7	16.02	8.16	69.28	68.34	0.938	68.27	66.93	26.265	2.2066	0		
"2014-06-01	08:00:00"	6.241	142.4	11.24	13.52	3.499	138.2	19.77	8.75	70.2	69.59	0.609	68.04	66.17	26.271	80.444	0		
"2014-06-01	09:00:00"	14.54	168.1	10.08	25.45	8.55	167.9	18.39	17.7	74.9	75.51	-0.612	62.78	60.48	26.301	253.16	0		
"2014-06-01	10:00:00"	16.54	168.5	10.38	23.66	9.8	167.6	18.27	18.89	78.85	80.1	-1.209	53.74	52.5	26.326	441.09	0		
"2014-06-01	11:00:00"	15.46	173.3	12.56	23.66	9.45	173.2	19.63	17.1	83.3	84.8	-1.51	44.44	44.5	26.337	607.49	0		
"2014-06-01	12:00:00"	15.1	178.3	13.1	22.47	9.28	179.1	20.11	15.31	88.2	90.1	-1.825	34.48	35.12	26.341	754.42	0		
"2014-06-01	13:00:00"	14.53	195.7	16.01	22.47	9.58	197	20.98	19.49	92.2	94	-1.847	25.96	26.48	26.348	848.6	0		
"2014-06-01	14:00:00"	12.38	203.5	17.36	21.87	8.57	204.4	21.24	16.51	95.1	96.7	-1.672	22.13	22.68	26.345	885.4	0		
"2014-06-01	15:00:00"	12.27	209	22.59	23.07	8.56	209.3	24.93	17.1	97.3	98.8	-1.447	18.86	19.48	26.325	881.2	0		
"2014-06-01	16:00:00"	10.72	190.8	21.84	21.87	7.342	192.5	26.75	15.31	99.3	100.9	-1.568	16.51	17.04	26.309	829.17	0		
"2014-06-01	17:00:00"	13.3	180.2	19.66	23.66	8.45	180.7	25.95	17.7	100.5	102.4	-1.907	15.3	15.74	26.286	729.73	0		
"2014-06-01	18:00:00"	12.12	191.1	25.23	21.87	7.851	192.6	29.12	14.72	101.6	102.9	-1.284	12.29	12.88	26.265	583.94	0		
"2014-06-01	19:00:00"	16.17	177.6	16.51	28.43	9.7	177.7	22.29	19.49	99.7	100.5	-0.754	14.86	15.58	26.252	291.24	0		
"2014-06-01	20:00:00"	20.11	162.6	10.13	29.63	11.64	162.5	18.14	20.68	96.1	96.1	0.005	20.4	21.75	26.237	98.19	0		
"2014-06-01	21:00:00"	19.35	163.4	8.86	27.84	11.05	163	16.78	20.09	93.3	93	0.294	24.13	25.73	26.238	31.542	0		
"2014-06-01	22:00:00"	16.21	165.1	8.69	27.24	9.23	165.1	17.24	17.1	89.4	88.9	0.542	29.67	31.65	26.241	0.24266	0		
"2014-06-01	23:00:00"	18.16	168.1	8.83	28.43	10.3	168.6	17.79	19.49	86.4	85.9	0.483	34.93	37.05	26.242	0	0		
"2014-06-02	00:00:00"	17.69	169.6	8.54	27.84	10.04	169.8	17.55	18.89	83.7	83.2	0.469	38.77	40.94	26.242	0	0		
"2014-06-02	01:00:00"	13.35	176.2	8.36	21.87	7.593	176.7	16.96	14.72	81	80.4	0.581	43.91	45.69	26.235	0	0		
"2014-06-02	02:00:00"	13.46	177.7	8.48	21.28	7.609	178.6	16.99	14.12	78.92	78.3	0.622	48.34	49.58	26.218	0	0		
"2014-06-02	03:00:00"	11.25	179.5	9.54	18.3	6.369	180.6	18.04	13.52	76.81	76.12	0.692	53.51	54.19	26.205	0	0		
"2014-06-02	04:00:00"	8.7	179.9	9.55	14.12	4.885	181.3	18.37	11.74	74.89	74.04	0.847	58.3	58.56	26.203	0	0		
"2014-06-02	05:00:00"	7.966	183.6	8.98	12.93	4.199	185.3	17.37	7.561	72.68	71.57	1.112	64.53	64.27	26.195	0	0		
"2014-06-02	06:00:00"	7.213	199	11.01	11.74	3.996	201.1	16.27	7.561	71.13	69.9	1.227	69.33	68.64	26.193	0	0		
"2014-06-02	07:00:00"	6.812	213.2	8.9	12.93	3.862	214.3	13.6	9.35	69.69	68.55	1.144	72.84	71.4	26.195	2.3197	0		
"2014-06-02	08:00:00"	5.676	230.3	12.84	8.75	3.616	232.5	16.35	6.964	69.74	68.95	0.79	74.07	71.16	26.211	86.334	0		
"2014-06-02	09:00:00"	9.52	211.8	10.63	14.12	6.383	211.7	14.87	10.54	73.39	74.05	-0.657	67.29	63.94	26.247	268.77	0		
"2014-06-02	10:00:00"	9.11	218.6	13.35	13.52	6.285	216.6	16.95	11.14	77.59	78.8	-1.206	57.44	55.44	26.285	462.15	0		
"2014-06-02	11:00:00"	7.271	259.4	26.98	17.1	5.73	255.3	31.36	12.93	83.7	84.5	-0.802	40.88	42.02	26.309	629.49	0		
"2014-06-02	12:00:00"	6.061	298.7	39.54	12.33	4.798	297	45.52	9.35	90.7	91.4	-0.693	25.91	27.76	26.331	779.44	0		
"2014-06-02	13:00:00"	9.72	347.8	36.87	19.49	7.213	344.2	39.42	15.31	94.7	96	-1.302	20	21.33	26.353	858.2	0		
"2014-06-02	14:00:00"	11.68	17.31	18.08	21.28	8.28	13.67	21.18	15.91	95.7	97.3	-1.633	21.48	22.79	26.357	869.2	0		
"2014-06-02	15:00:00"	12.26	22.15	18.41	20.68	8.43	17.7	20.24	18.89	97.4	99.1	-1.71	19.79	21.03	26.349	900.13	0		
"2014-06-02	16:00:00"	9.41	14.45	31.5	20.68	6.667	10.8	32.79	16.51	100.1	101.5	-1.316	14.65	15.97	26.341	850.6	0		
"2014-06-02	17:00:00"	7.416	10.15	41.58	16.51	5.358	8.79	47.76	12.93	102.1	102.9	-0.82	10.57	11.78	26.336	742.52	0		
"2014-06-02	18:00:00"	5.91	54.58	41.86	13.52	4.075	47.12	44.27	11.74	102.4	102.8	-0.424	9.93	11.2	26.33	557.73	0		
"2014-06-02	19:00:00"	8.5	73.38	23.39	15.91	5.694	70.03	29.92	11.74	100.8	101.7	-0.935	13.02	13.98	26.323	406.12	0		
"2014-06-02	20:00:00"	7.816	35.17	25.41	15.91	4.947	29.83	26.28	13.52	99.8	99.6	0.223	13.81	15.2	26.324	211.51	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-02	21:00:00"	10.2	69.77	15.61	16.51	5.971	64.6	22.1	11.14	96.1	95.7	0.388	20.64	22.3	26.334	43.16		0	
"2014-06-02	22:00:00"	11.97	81	10	19.49	7.1	77.43	20.09	12.93	90.6	90	0.633	32.21	34.64	26.334	0.15126		0	
"2014-06-02	23:00:00"	14.74	125.6	16.99	23.07	8.69	123.2	23.13	16.51	87.9	87.5	0.433	38.66	41.34	26.345	0		0	
"2014-06-03	00:00:00"	16.43	140.6	8.91	24.86	9.53	138.9	17.73	15.91	84.9	84.5	0.38	42.03	44.23	26.361	0		0	
"2014-06-03	01:00:00"	15.33	144.7	8.86	23.66	9.03	143.4	16.81	17.7	81.7	81.4	0.371	46.65	48.04	26.354	0		0	
"2014-06-03	02:00:00"	13.19	142.3	9.33	24.26	7.658	141.3	17.38	18.3	79.03	78.55	0.478	49.68	50.64	26.344	0		0	
"2014-06-03	03:00:00"	10.98	145.3	9.47	18.3	6.3	143.6	17.64	12.33	76.47	75.91	0.557	54.25	54.58	26.334	0		0	
"2014-06-03	04:00:00"	8.96	143.6	8.03	12.93	5.005	141.8	16.18	9.35	74.26	73.54	0.724	59.23	59.02	26.325	0		0	
"2014-06-03	05:00:00"	7.399	139.6	7.209	10.54	3.896	134.7	16.37	6.964	72.04	71.04	1.002	64.35	63.76	26.315	0		0	
"2014-06-03	06:00:00"	7.162	126.1	8.61	10.54	3.669	118	16.19	6.368	69.93	68.84	1.085	69.36	68.09	26.315	0		0	
"2014-06-03	07:00:00"	8.83	120.6	7.306	11.74	5.154	115.4	14.79	9.35	68.83	67.97	0.857	72.63	70.44	26.312	3.0224		0	
"2014-06-03	08:00:00"	9.69	121.7	9.96	15.31	6.034	118.5	17.77	11.14	69.67	69.43	0.235	72.72	69.44	26.321	88.278		0	
"2014-06-03	09:00:00"	12.88	153.7	12.48	18.3	7.703	153.5	20.06	13.52	72.61	73.44	-0.832	70.7	66.52	26.349	254.65		0	
"2014-06-03	10:00:00"	11.62	160.5	12.4	18.89	7.105	159.6	19.84	15.91	76.4	78.09	-1.691	63.92	60.15	26.376	460.54		0	
"2014-06-03	11:00:00"	11.53	150.8	15.13	17.1	7.337	149.8	22.57	12.93	80.6	82.5	-1.915	55.38	53.09	26.39	615.9		0	
"2014-06-03	12:00:00"	11.64	148	15.83	20.09	7.486	147.3	23.16	14.72	85.1	87.2	-2.133	45.35	44.73	26.401	768.87		0	
"2014-06-03	13:00:00"	13.19	146.8	18.22	21.87	8.47	146.5	24.72	16.51	88.7	91.1	-2.378	37.81	38.05	26.407	860.43		0	
"2014-06-03	14:00:00"	12.43	158.1	19.62	23.07	8.1	157	25.44	15.31	91.7	93.9	-2.186	32.38	32.72	26.398	897.56		0	
"2014-06-03	15:00:00"	12.58	154.8	18.98	21.87	8.11	155.2	26.25	15.31	94.5	96.8	-2.318	26.23	26.55	26.384	893.36		0	
"2014-06-03	16:00:00"	12.49	164.9	22.36	21.87	8.06	166.4	27.28	15.31	96.7	98.8	-2.11	22.01	22.4	26.368	839.92		0	
"2014-06-03	17:00:00"	13.56	169	19.92	25.45	8.77	169.7	26.46	17.1	97.3	99.2	-1.866	19.76	20.15	26.355	736.3		0	
"2014-06-03	18:00:00"	13.75	170.4	15.47	24.86	8.47	171.9	22.95	18.3	97.3	99	-1.707	19.77	20.21	26.342	576.64		0	
"2014-06-03	19:00:00"	14.7	165.8	14.64	24.26	8.89	166.7	22.13	17.1	96.3	97.5	-1.279	22.56	23.26	26.334	393.93		0	
"2014-06-03	20:00:00"	15.72	159.1	11.67	23.66	9.21	160.4	19.01	18.3	94.1	94.5	-0.362	24.99	26.27	26.326	209.64		0	
"2014-06-03	21:00:00"	17.99	148.2	10.03	26.65	10.32	149	17.68	17.7	89.8	89.7	0.099	32.74	34.58	26.309	33.336		0	
"2014-06-03	22:00:00"	17.15	151.8	9.55	26.65	10.07	152.5	17.65	18.89	85.1	84.7	0.379	40.38	42.64	26.296	0.1396		0	
"2014-06-03	23:00:00"	16.98	161.1	10.31	26.65	9.88	161.8	17.67	20.09	81.8	81.4	0.373	45.34	46.77	26.294	0		0	
"2014-06-04	00:00:00"	17.56	166.9	8.9	29.03	10.06	167.9	17.18	21.87	78.82	78.46	0.364	50.78	51.35	26.289	0		0	
"2014-06-04	01:00:00"	16.37	170.1	8.63	26.05	9.31	171.9	18.1	16.51	76.73	76.35	0.379	56.02	55.91	26.276	0		0	
"2014-06-04	02:00:00"	15.55	173.4	9.01	23.66	9.08	174.7	17.41	17.1	75.23	74.89	0.349	61.04	60.22	26.264	0		0	
"2014-06-04	03:00:00"	13.37	178.8	9.03	20.09	7.631	180.4	17.07	14.12	73.9	73.47	0.425	64.26	63.07	26.25	0		0	
"2014-06-04	04:00:00"	11.13	175.8	8.87	17.1	6.33	176.7	17.26	11.74	72.69	72.13	0.557	66.31	64.94	26.232	0		0	
"2014-06-04	05:00:00"	10.38	176.2	8.77	17.1	5.829	176.7	17.57	11.14	71.4	70.75	0.651	68.99	67.29	26.215	0		0	
"2014-06-04	06:00:00"	8.26	185.3	15.62	12.93	4.664	187.1	21.88	9.35	70.37	69.63	0.745	71	69.13	26.207	0		0	
"2014-06-04	07:00:00"	5.138	206.7	12.48	9.35	1.837	211.6	23.53	5.771	68.95	67.2	1.747	73.71	73.04	26.211	1.4786		0	
"2014-06-04	08:00:00"	6.04	192.1	10.76	11.14	2.875	187.3	19.13	8.16	69.83	68.48	1.349	72.54	70.89	26.209	85.914		0	
"2014-06-04	09:00:00"	12.62	185.4	8.85	20.09	7.707	186.2	17.03	14.72	73.65	74.34	-0.693	64.94	61.94	26.234	263.72		0	
"2014-06-04	10:00:00"	10.36	194.9	12.62	17.7	6.892	195.9	18.44	14.12	78.32	79.49	-1.174	55.37	53.69	26.272	451.45		0	
"2014-06-04	11:00:00"	8.79	209.4	16.77	14.72	6.268	209.6	19.95	10.54	84.4	85.4	-1.013	43.27	43.91	26.288	618.68		0	
"2014-06-04	12:00:00"	9.04	214.6	16.6	14.72	6.725	215	20.3	12.33	90.4	91.1	-0.692	33.25	34.82	26.294	768.4		0	
"2014-06-04	13:00:00"	9.57	216.2	21.1	17.7	7.149	215.7	23.84	14.72	95.5	96.3	-0.885	25.66	27	26.307	860.39		0	
"2014-06-04	14:00:00"	8.71	213.7	28.7	16.51	6.601	215.7	29.29	12.93	99.5	100.2	-0.709	19.85	21.24	26.302	899.23		0	
"2014-06-04	15:00:00"	7.81	220.8	31.97	19.49	5.939	218.4	36.8	17.1	102.7	102.8	-0.14	15.09	16.64	26.291	895.14		0	
"2014-06-04	16:00:00"	7.321	229.4	42.78	18.3	5.708	230.9	45.8	15.91	105	105.2	-0.26	11.51	12.9	26.277	822.07		0	
"2014-06-04	17:00:00"	9.64	194.3	26.51	17.7	6.634	196.4	30.72	15.91	104.8	105.8	-0.998	11.11	11.97	26.262	737		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-04	18:00:00"	11.61	187.4	21.12	23.07	7.623	189.6	25.28	18.3	104.5	105.7	-1.189	10.91	11.6	26.246	583.29		0	
"2014-06-04	19:00:00"	13.26	181.9	17.72	24.26	8.35	183.4	22.7	15.31	103.3	104.4	-1.014	12.57	13.26	26.234	403.15		0	
"2014-06-04	20:00:00"	18.37	170.8	9.96	27.84	10.68	171	17.62	20.68	100.5	100.8	-0.234	15.64	16.66	26.234	214.91		0	
"2014-06-04	21:00:00"	19.27	166.7	9.45	28.43	11.11	167	17.26	23.07	95.9	95.7	0.205	19.08	20.2	26.233	48.411		0	
"2014-06-04	22:00:00"	17.33	162.9	8.17	26.65	10.02	162.5	16.08	17.7	90.7	90.1	0.542	24.54	25.95	26.224	0.20929		0	
"2014-06-04	23:00:00"	14.91	159.4	7.984	24.26	8.64	159	16.22	17.7	86.7	86.1	0.622	29.38	30.97	26.225	0		0	
"2014-06-05	00:00:00"	14.29	175.3	9.48	23.07	8.25	176.3	17.69	16.51	83.4	82.8	0.598	35.52	37.35	26.234	0		0	
"2014-06-05	01:00:00"	15.68	174	8.62	24.86	8.94	173.7	17.06	15.91	80.6	80.1	0.488	42.59	44.09	26.223	0		0	
"2014-06-05	02:00:00"	13.85	181.8	8.52	23.66	8.06	183.1	17.45	14.72	78.05	77.58	0.475	50.27	50.91	26.216	0		0	
"2014-06-05	03:00:00"	11.69	182.7	9.51	20.09	6.926	185.3	17.44	13.52	76.19	75.68	0.515	54.69	54.86	26.2	0		0	
"2014-06-05	04:00:00"	10.05	182.2	8.36	14.72	5.681	183.1	16.79	11.14	74.36	73.67	0.693	57.91	57.8	26.185	0		0	
"2014-06-05	05:00:00"	7.952	187.6	8.23	11.74	4.205	189.3	16.01	8.16	72.52	71.53	0.996	61.47	61.2	26.174	0		0	
"2014-06-05	06:00:00"	5.885	210.2	23.53	9.95	3.052	213.2	31.56	5.771	71.03	69.1	1.933	64.69	65.39	26.161	0		0	
"2014-06-05	07:00:00"	6.825	186.2	10.86	10.54	3.303	188.3	18.37	5.175	68.89	67.31	1.578	69.88	69.22	26.146	2.6735		0	
"2014-06-05	08:00:00"	7.263	199	12.57	13.52	4.396	200.7	18.18	9.95	70.31	69.59	0.725	68.56	66.36	26.155	91.03		0	
"2014-06-05	09:00:00"	12.13	189.7	9.28	18.3	7.661	191.3	16.29	15.31	75.28	75.87	-0.597	58.81	56.96	26.183	266.84		0	
"2014-06-05	10:00:00"	10.34	195.7	15.69	16.51	6.961	196.8	19.87	12.93	79.19	80.3	-1.108	50.97	49.95	26.217	454		0	
"2014-06-05	11:00:00"	7.599	209.5	16.43	11.74	5.674	210	19.02	9.95	84.5	85.2	-0.712	40.98	41.97	26.237	619.59		0	
"2014-06-05	12:00:00"	5.855	229.1	36.69	11.74	4.656	230.7	37.14	9.95	91.2	91.3	-0.099	30.05	31.99	26.249	765.09		0	
"2014-06-05	13:00:00"	3.6	149.7	87.6	9.35	2.957	145.5	94.2	7.561	98.9	97.9	0.966	20.8	24.06	26.266	857.81		0	
"2014-06-05	14:00:00"	8.46	31.99	30.8	17.7	5.97	26.4	36.55	14.72	99.9	100.9	-1.088	15.81	17.59	26.268	897.14		0	
"2014-06-05	15:00:00"	7.888	47.73	41.83	17.7	5.611	39.88	45.99	12.33	102.5	103.7	-1.183	12.05	13.46	26.26	889.41		0	
"2014-06-05	16:00:00"	7.563	67.04	53.08	14.72	5.45	59.94	56.21	12.93	104.3	105.3	-1.083	11.04	12.33	26.25	835.69		0	
"2014-06-05	17:00:00"	7.114	78.4	50.24	16.51	5.027	67.36	61.22	11.74	105.3	106.1	-0.754	10.67	12.24	26.235	726.57		0	
"2014-06-05	18:00:00"	8.42	156.1	55.63	17.1	5.835	157	59.14	14.12	105.4	106.2	-0.813	8.87	9.77	26.216	554.44		0	
"2014-06-05	19:00:00"	11.02	146.7	28.03	21.87	6.752	146.9	33.58	15.91	102.9	103.1	-0.236	10.68	11.51	26.203	172.77		0	
"2014-06-05	20:00:00"	20.77	157.2	10.15	32.01	12.01	156.8	17.66	23.07	98.7	98.6	0.035	16.78	17.87	26.188	65.661		0	
"2014-06-05	21:00:00"	20.02	158	9.98	33.8	11.61	157.1	18.31	24.26	94.3	94.2	0.103	23.54	24.84	26.204	28.308		0	
"2014-06-05	22:00:00"	16.75	150.2	10.4	26.65	9.71	148.7	18.31	21.28	89.6	89.4	0.281	32.6	34.53	26.22	1.3141		0	
"2014-06-05	23:00:00"	17.14	159.6	9.32	27.24	9.97	158.8	17.67	18.3	85.8	85.4	0.341	39.69	41.85	26.227	0		0	
"2014-06-06	00:00:00"	15.91	159.9	8.9	26.65	9.31	159.7	17.14	20.09	82.8	82.4	0.404	45.52	47.08	26.232	0		0	
"2014-06-06	01:00:00"	17.11	164.3	8.9	30.22	9.92	164.1	16.81	20.09	80.3	79.97	0.345	53.44	53.91	26.223	0		0	
"2014-06-06	02:00:00"	14.22	164.7	9.03	22.47	8.29	165	16.81	15.31	77.9	77.49	0.409	60.09	59.82	26.213	0		0	
"2014-06-06	03:00:00"	11.65	167	8.73	18.89	6.503	166.9	16.52	13.52	75.95	75.4	0.548	64.49	63.84	26.192	0		0	
"2014-06-06	04:00:00"	9.62	190.7	12.96	18.3	5.601	192.2	18.83	11.74	74.42	73.83	0.585	67.92	66.77	26.179	0		0	
"2014-06-06	05:00:00"	7.686	177.9	12.9	12.93	4.061	179	20.47	8.16	72.75	71.74	1.008	71.37	70.37	26.165	0		0	
"2014-06-06	06:00:00"	8.95	163	10.68	13.52	4.885	160.8	19.35	9.35	72	71.03	0.971	72.83	71.58	26.161	0		0	
"2014-06-06	07:00:00"	7.03	156.8	11.31	10.54	3.667	155	20.09	7.561	71.25	70.13	1.117	74.08	72.85	26.171	1.7635		0	
"2014-06-06	08:00:00"	6.958	134.1	32.8	12.33	3.983	130.9	37.51	8.75	72.53	72.02	0.509	71.65	69.63	26.191	93.327		0	
"2014-06-06	09:00:00"	10.95	95	19.82	18.3	7.238	92.5	26.08	14.72	75.1	75.9	-0.798	66.72	64.19	26.236	268.45		0	
"2014-06-06	10:00:00"	15.11	126	14.98	21.87	9.57	123.8	21.2	16.51	78.29	79.83	-1.537	60.07	57.62	26.254	453.81		0	
"2014-06-06	11:00:00"	13.89	141.5	14.1	21.28	8.78	141.2	20.76	16.51	82.6	84.5	-1.874	51.59	50.24	26.259	616.49		0	
"2014-06-06	12:00:00"	13.19	136.3	16.42	21.28	8.51	135.8	23.42	16.51	87	89.1	-2.174	43.19	43.17	26.271	757.85		0	
"2014-06-06	13:00:00"	13.15	139.8	18.17	22.47	8.45	137.9	25.51	15.91	91.1	93.5	-2.344	35.68	36.19	26.284	848.34		0	
"2014-06-06	14:00:00"	15.32	144.3	20.58	29.03	9.71	142.4	27.37	20.68	93.7	96.2	-2.426	31	31.46	26.28	884.04		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-06	15:00:00"	15.58	155.1	19.02	37.98	9.79	154.4	25.38	25.45	96.1	98.4	-2.324	26.76	27.21	26.268	877.71	0		
"2014-06-06	16:00:00"	16.56	152.9	17.19	27.84	10.38	152.6	24.84	21.87	96.9	99.2	-2.293	24.45	24.85	26.253	827.99	0		
"2014-06-06	17:00:00"	17.88	155.6	16.81	32.01	10.82	155.2	22.72	23.07	97.4	99.6	-2.203	24.16	24.61	26.238	720.85	0		
"2014-06-06	18:00:00"	19.78	155.8	12.3	30.82	11.85	155.7	19.21	21.87	95.9	97.8	-1.916	25.24	25.72	26.222	582.42	0		
"2014-06-06	19:00:00"	22.98	160	10.8	34.4	13.44	159.9	18.28	25.45	92.7	93.5	-0.758	28.93	30.14	26.206	162.21	0		
"2014-06-06	20:00:00"	20.28	176.1	44.09	40.96	12	176.9	43.28	29.63	90.9	90.9	-0.008	24.5	25.68	26.204	56.546	0		
"2014-06-06	21:00:00"	23.02	160.4	8.79	33.8	13.49	160	16.9	24.86	87	87.1	-0.055	36.46	38.13	26.172	32.018	0		
"2014-06-06	22:00:00"	21.63	162.8	8.83	34.4	12.55	163.1	16.5	23.66	84.6	84.5	0.143	40.8	42.58	26.19	1.3648	0		
"2014-06-06	23:00:00"	22.99	164.4	8.58	39.17	13.38	164.1	16.13	24.26	81.8	81.7	0.172	48.17	49.03	26.191	0	0		
"2014-06-07	00:00:00"	19.53	166.9	10.1	36.19	11.27	166	17.28	23.07	79.65	79.45	0.209	54.18	54.33	26.199	0	0		
"2014-06-07	01:00:00"	20.14	169.5	9.43	30.82	11.5	170	18.21	20.68	78.19	77.96	0.235	57.5	57.24	26.195	0	0		
"2014-06-07	02:00:00"	16.72	147.4	20.9	29.63	9.74	145.8	26.86	18.89	77.39	77.08	0.311	58.54	58.24	26.198	0	0		
"2014-06-07	03:00:00"	13.71	128.1	23.72	23.07	8.32	125.9	28.23	15.91	76.61	76.26	0.35	59.96	59.52	26.197	0	0		
"2014-06-07	04:00:00"	12.97	123.7	21.79	21.28	7.87	121.8	28.42	14.72	75.67	75.26	0.414	61.18	60.61	26.2	0	0		
"2014-06-07	05:00:00"	14.52	131.6	18.42	26.05	8.66	129.7	24.23	15.91	74.66	74.29	0.37	63.02	62	26.195	0	0		
"2014-06-07	06:00:00"	13.06	132.9	14.71	23.07	7.948	131.5	21.98	15.31	73.26	72.89	0.368	66.55	64.9	26.195	0	0		
"2014-06-07	07:00:00"	12	137.6	13.06	19.49	7.096	136.2	20.97	13.52	71.67	71.25	0.414	71.13	68.74	26.19	1.8734	0		
"2014-06-07	08:00:00"	13.58	134.6	18.18	24.26	8.11	132.9	23.67	17.1	71.96	71.85	0.109	72.28	69.34	26.202	76.759	0		
"2014-06-07	09:00:00"	17.6	138.9	12.45	25.45	10.63	138.2	20.35	19.49	73.78	74.54	-0.754	67.91	64.55	26.24	240.22	0		
"2014-06-07	10:00:00"	15	128	13.49	25.45	9.35	126	20.08	17.7	75.64	77.06	-1.422	63.96	60.62	26.285	376.95	0		
"2014-06-07	11:00:00"	15.9	129.5	14.62	25.45	10.2	128	21.64	19.49	77.69	79.51	-1.814	59.41	56.35	26.296	561.3	0		
"2014-06-07	12:00:00"	13.52	140.3	18.03	24.86	8.68	139.2	24.97	17.1	81	83.1	-2.157	52.11	49.94	26.3	741.31	0		
"2014-06-07	13:00:00"	10.29	141.1	25.63	20.68	6.958	139.4	33.83	17.1	85.6	87.7	-2.076	43.44	43.11	26.312	838.16	0		
"2014-06-07	14:00:00"	8.89	140.9	28.35	17.7	5.962	138.4	38.79	12.33	89.2	91.1	-1.911	37.8	38.46	26.31	866	0		
"2014-06-07	15:00:00"	8.1	122.8	32.17	19.49	5.913	120.1	40.86	15.31	92.5	93.9	-1.442	33.44	34.84	26.302	853.5	0		
"2014-06-07	16:00:00"	7.725	125.2	44.1	26.65	5.675	125.4	55.89	23.07	94.5	95.8	-1.285	29.73	31.27	26.287	802.28	0		
"2014-06-07	17:00:00"	8.9	124.2	31.61	18.3	6.182	122	35.83	13.52	94.5	95.8	-1.298	29.18	30.54	26.27	509.97	0		
"2014-06-07	18:00:00"	9.98	133.2	25.3	21.87	6.569	132.5	30.93	15.91	93.8	94.8	-1.049	29.77	31.17	26.251	333.16	0		
"2014-06-07	19:00:00"	14.58	122.8	15.88	23.07	9.13	122.3	22.43	17.1	91.9	92.5	-0.603	33.06	34.75	26.238	142.08	0		
"2014-06-07	20:00:00"	17.89	134.1	19.45	27.84	10.76	134.5	25.29	19.49	89.5	89.9	-0.367	36.8	38.61	26.216	100.73	0		
"2014-06-07	21:00:00"	13.33	127.2	9.55	21.87	8.08	125.9	17.17	14.72	85.9	86.1	-0.154	45.84	47.16	26.226	41.104	0		
"2014-06-07	22:00:00"	12.64	138.8	10.17	18.89	7.382	138.1	18	13.52	83.1	82.9	0.274	48.64	49.91	26.238	0.32143	0		
"2014-06-07	23:00:00"	14.98	135.7	8.43	24.26	8.83	135.5	17.16	16.51	80.8	80.5	0.27	52.04	52.65	26.237	0	0		
"2014-06-08	00:00:00"	11.74	143.7	9.28	19.49	6.842	143.7	16.99	14.12	79.3	78.96	0.345	54.27	54.62	26.247	0	0		
"2014-06-08	01:00:00"	13.06	150	10.69	22.47	7.746	150.5	18.49	15.91	78.73	78.4	0.327	55.06	55.25	26.24	0	0		
"2014-06-08	02:00:00"	9.29	109.8	43.56	18.89	5.477	106	47.76	13.52	77.58	77.27	0.309	57.27	57.07	26.25	0	0		
"2014-06-08	03:00:00"	17.27	69.35	16.13	29.63	10.3	64.01	23.22	20.68	71.45	71.82	-0.375	72.37	68.39	26.271	0	0		
"2014-06-08	04:00:00"	20.41	34.01	12.21	30.82	12.32	29.33	13.65	27.24	65.98	66.35	-0.374	84	77.91	26.277	0	0		
"2014-06-08	05:00:00"	17.45	56.39	9.8	26.65	10.15	50.6	17.02	18.89	64.1	64.4	-0.294	82.1	75.91	26.237	0	0		
"2014-06-08	06:00:00"	15.93	71.71	10.59	27.24	9.88	66.57	19.12	18.89	63.42	63.46	-0.048	86.9	80.6	26.227	0	0		
"2014-06-08	07:00:00"	12.01	81.3	10.79	18.89	7.468	77.01	19.72	12.93	63.41	63.59	-0.179	85.3	79.02	26.24	0.46231	0		
"2014-06-08	08:00:00"	8.35	64.57	10.66	12.93	5.227	60.19	19.61	9.95	64.01	64.37	-0.363	83.4	77.2	26.264	24.654	0		
"2014-06-08	09:00:00"	7.226	72.45	14.75	11.14	4.662	69.01	22.49	8.75	65.1	65.48	-0.383	79.47	73.93	26.298	30.792	0		
"2014-06-08	10:00:00"	7.934	96.7	12.23	13.52	5.519	94.9	20.36	9.95	65.5	65.76	-0.26	77.71	73.3	26.317	49.76	0		
"2014-06-08	11:00:00"	9.31	117.3	15.53	17.7	6.348	115.3	22.73	13.52	67.85	68.5	-0.651	74.39	71.01	26.303	268.12	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-08	12:00:00"	11.58	64.9	23.25	17.1	7.049	60.12	28.47	15.91	68.75	69.33	-0.582	71.3	67.53	26.33	88.071	0		
"2014-06-08	13:00:00"	9.55	70.24	15.64	13.52	5.992	66.24	23.14	9.95	65.69	66.17	-0.484	85.6	81.7	26.326	166.32	0.03		
"2014-06-08	14:00:00"	10.14	94.9	16.27	15.91	7.102	92.1	23.82	12.93	68.42	69.47	-1.051	81.1	76.86	26.31	382.18	0		
"2014-06-08	15:00:00"	12.02	67.47	13.89	17.7	7.537	62.11	21.52	12.93	69.08	70.38	-1.303	78.49	73.49	26.295	329.84	0		
"2014-06-08	16:00:00"	12.28	74.98	13.78	19.49	8.02	69.52	21.66	15.31	73.06	74.82	-1.764	69.21	65.42	26.279	479.1	0		
"2014-06-08	17:00:00"	12.17	91.4	17.1	21.28	8.14	89.6	24.26	17.1	76.01	77.31	-1.296	63.2	60.91	26.267	332.92	0		
"2014-06-08	18:00:00"	13.85	116.9	14.14	23.07	9.22	114.4	20.3	18.3	79.93	81.2	-1.288	54.59	53.61	26.246	465.53	0		
"2014-06-08	19:00:00"	14.33	134.3	13.02	23.66	8.92	132.6	20.22	15.31	82.1	83.2	-1.139	50.8	50.46	26.23	307.22	0		
"2014-06-08	20:00:00"	12.75	119.4	15.01	20.68	8.08	116.7	21	15.31	80.7	80.9	-0.153	53.62	53.9	26.216	35.761	0		
"2014-06-08	21:00:00"	11.75	87.2	18.79	20.09	7.513	82.6	25.47	13.52	78.53	78.48	0.047	60.26	59.72	26.225	1.4011	0		
"2014-06-08	22:00:00"	14.71	112.2	30.61	23.66	8.86	110.1	35.2	18.89	76.84	76.69	0.143	67.41	66.21	26.219	0.05666	0		
"2014-06-08	23:00:00"	13.72	161.2	14.74	24.86	7.923	160.8	20.99	17.1	74.69	74.3	0.385	68.98	67.68	26.227	0	0		
"2014-06-09	00:00:00"	12.46	169.7	12.43	23.07	7.158	170.2	19.79	15.91	72.94	72.36	0.578	71.04	69.42	26.198	0	0		
"2014-06-09	01:00:00"	16.01	181.2	9.19	26.05	9.29	182.6	17.27	18.3	72	71.67	0.335	76.07	73.21	26.181	0	0		
"2014-06-09	02:00:00"	12.88	190.7	10.04	18.3	7.807	193.2	16.61	14.72	70.54	70.18	0.357	81.1	77.51	26.163	0	0		
"2014-06-09	03:00:00"	12.18	214.3	9.6	20.09	7.878	213.8	13.31	13.52	69.65	69.36	0.285	84.4	80.3	26.15	0	0		
"2014-06-09	04:00:00"	10.56	211.6	8.51	18.3	6.842	212	12.87	12.93	68.99	68.64	0.352	86	81.8	26.146	0	0		
"2014-06-09	05:00:00"	11.25	129.5	91	29.63	6.926	130.6	94.5	18.89	68.66	68.32	0.347	86	81.8	26.165	0	0		
"2014-06-09	06:00:00"	21.25	43.68	11.9	33.21	11.73	37.45	15.08	27.24	61.92	62.14	-0.224	78.34	72.97	26.23	0	0		
"2014-06-09	07:00:00"	17.47	50.23	9.71	27.84	9.26	41.9	15.26	18.89	60.95	61.08	-0.134	77.92	72.24	26.226	1.3611	0		
"2014-06-09	08:00:00"	16.69	38.5	11.96	24.86	9.54	32	14.1	18.3	61.1	61.32	-0.22	78.41	72.54	26.243	27.1	0		
"2014-06-09	09:00:00"	19.46	23.1	10.24	31.42	13.26	20.11	13.2	27.24	62.41	62.77	-0.363	72.86	67.81	26.274	138.7	0		
"2014-06-09	10:00:00"	22.13	19.62	10.38	31.42	15.76	16.69	13.35	26.65	64.24	65.06	-0.822	63.97	59.84	26.302	423.28	0		
"2014-06-09	11:00:00"	17.28	24.37	13.36	27.84	11.53	19.92	15.09	21.87	66.38	67.33	-0.955	56.31	53.42	26.329	428.19	0		
"2014-06-09	12:00:00"	16.15	20.18	15.55	25.45	10.95	16.81	17.98	20.68	69.72	71.24	-1.518	49.5	47.65	26.349	761.71	0		
"2014-06-09	13:00:00"	15.58	13.03	17.6	29.63	11.25	8.66	19.68	24.86	72.51	74.3	-1.789	39.84	39.39	26.365	860.32	0		
"2014-06-09	14:00:00"	14.29	20.12	17.16	24.26	9.96	15.99	19.27	20.09	75.13	77.01	-1.886	33.85	33.78	26.364	898.23	0		
"2014-06-09	15:00:00"	10.86	18.99	29.61	20.68	7.765	14.5	30.97	18.3	77.6	79.33	-1.732	30.33	30.61	26.356	894.6	0		
"2014-06-09	16:00:00"	9.76	357.3	40.15	21.28	7.481	353.4	41.95	17.7	79.77	81.2	-1.474	27.76	28.1	26.35	848.35	0		
"2014-06-09	17:00:00"	10.87	346.3	30.49	22.47	8.59	342.7	30.39	17.7	80.9	82.5	-1.559	24.65	24.59	26.342	745.7	0		
"2014-06-09	18:00:00"	10.31	345.3	29.36	18.89	8.13	342.4	29.93	17.7	81.5	82.9	-1.417	23.61	23.44	26.339	596.79	0		
"2014-06-09	19:00:00"	10.07	3.401	24.01	17.7	7.563	359.5	24.84	15.91	81.3	82.4	-1.133	23.82	23.62	26.332	418.02	0		
"2014-06-09	20:00:00"	10.57	31.09	15.89	18.89	6.739	26.59	16.82	14.72	80.5	80.7	-0.238	23.2	23.37	26.319	227.98	0		
"2014-06-09	21:00:00"	8.43	50.41	16.7	15.31	4.997	45.89	21.02	10.54	78.63	78.56	0.07	23.93	24.29	26.316	55.96	0		
"2014-06-09	22:00:00"	7.563	72.2	9.19	9.95	4.165	72.08	19.3	6.368	73.4	72.27	1.14	30.06	31.04	26.312	0.42312	0		
"2014-06-09	23:00:00"	7.414	76.09	9.43	9.95	3.889	70.93	19.44	6.368	68.45	67.03	1.416	36.71	37.76	26.311	0	0		
"2014-06-10	00:00:00"	7.166	78.73	8.87	9.35	3.688	71.7	19.11	6.368	66.17	64.51	1.663	40.25	41.44	26.316	0	0		
"2014-06-10	01:00:00"	11.16	62.06	10.4	17.7	6.649	57.67	17.88	12.93	65.65	64.86	0.794	44.18	43.62	26.322	0	0		
"2014-06-10	02:00:00"	11.76	57.54	9.02	17.1	7.11	54.08	16.24	11.74	63.26	62.96	0.304	55.01	52.42	26.327	0	0		
"2014-06-10	03:00:00"	9.83	56.06	8.77	15.31	5.945	53.67	15.96	13.52	60.84	60.53	0.315	63.29	59.53	26.316	0	0		
"2014-06-10	04:00:00"	9.13	50.82	8.72	13.52	4.81	46.42	15.65	9.35	59.91	59.38	0.524	66.75	62.83	26.308	0	0		
"2014-06-10	05:00:00"	9.87	45.6	8.79	14.12	5.232	39.14	13.8	9.95	59.33	58.93	0.401	69.34	64.91	26.304	0	0		
"2014-06-10	06:00:00"	8.68	40.33	8.3	12.93	4.63	33.94	11.78	9.35	58.14	57.82	0.321	72.61	67.45	26.305	0	0		
"2014-06-10	07:00:00"	7.995	24.71	10.87	12.33	5.351	19.9	13.49	11.14	57.16	56.92	0.24	74.31	68.71	26.306	2.9623	0		
"2014-06-10	08:00:00"	4.836	0.046	19	11.14	3.469	351.3	19.37	8.16	58.45	58.4	0.044	70.87	65.92	26.32	91.781	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-10	09:00:00"	7.783	33.02	16.5	11.74	5.018	27.33	19.08	8.75	63.04	63.66	-0.614	58.41	55.48	26.352	272.21		0	
"2014-06-10	10:00:00"	8.26	64.27	17.96	13.52	5.16	58.22	25.56	9.35	67.58	69.32	-1.739	46.88	45.28	26.384	461.48		0	
"2014-06-10	11:00:00"	5.781	83.6	37.16	11.74	4.243	77.65	46.7	8.75	73.14	74.32	-1.183	35.53	36.17	26.406	620.56		0	
"2014-06-10	12:00:00"	5.528	196.7	47.6	11.74	4.13	203.2	58.58	9.35	78.79	79.14	-0.346	27.11	27.65	26.419	769.99		0	
"2014-06-10	13:00:00"	7.997	187.3	35.04	18.3	5.707	186.5	38.98	12.33	80.7	81.7	-0.922	26.62	26.49	26.424	861.5		0	
"2014-06-10	14:00:00"	8.42	199.6	35.08	17.7	6.285	202.3	41.39	14.72	83	83.9	-0.964	25.47	25.38	26.415	900.9		0	
"2014-06-10	15:00:00"	8.07	199	42.28	16.51	5.997	201.9	45.22	13.52	85.9	86.9	-0.934	22.37	22.36	26.396	900.69		0	
"2014-06-10	16:00:00"	8.06	218	49.15	15.91	6.218	216.4	53.14	12.33	88.1	88.9	-0.772	19.47	19.5	26.378	849.96		0	
"2014-06-10	17:00:00"	7.318	196.6	57.29	17.1	5.342	202	60.56	15.31	90	90.8	-0.798	17.55	17.67	26.359	746.87		0	
"2014-06-10	18:00:00"	7.134	227.7	31.99	15.31	5.571	227	34.17	12.33	90.8	91.2	-0.399	16.4	16.55	26.34	598.58		0	
"2014-06-10	19:00:00"	6.724	189.9	31.7	14.12	4.672	193.6	36.23	13.52	91.3	91.8	-0.465	15.51	15.46	26.324	419.25		0	
"2014-06-10	20:00:00"	5.888	171	22.71	11.74	3.861	174	29.63	8.16	91	90.6	0.435	15.45	15.87	26.319	224.13		0	
"2014-06-10	21:00:00"	6.49	165	8.61	11.14	3.205	163.6	16.86	7.561	88.2	87.1	1.167	16.87	17.98	26.312	52.566		0	
"2014-06-10	22:00:00"	7.237	132.1	13.24	9.35	2.915	108.8	14.86	4.578	82.8	78.2	4.557	20.78	24.37	26.286	0.34395		0	
"2014-06-10	23:00:00"	8.05	119.9	13.19	11.14	3.818	111.8	20.41	5.771	78.64	76.18	2.465	24.09	26.05	26.272	0		0	
"2014-06-11	00:00:00"	9.37	146	8.82	12.33	4.845	144.5	17.45	8.75	76.93	75.4	1.523	27.7	29.03	26.275	0		0	
"2014-06-11	01:00:00"	7.421	143.7	7.096	10.54	3.251	133.5	16.05	6.368	73.85	71.68	2.165	32.87	34.93	26.275	0		0	
"2014-06-11	02:00:00"	7.317	134.7	5.657	8.75	3.039	115	13.74	3.982	71.24	68.27	2.964	37.76	40.82	26.25	0		0	
"2014-06-11	03:00:00"	5.987	133	7.531	8.75	2.14	110.8	18.44	4.578	69.8	66.66	3.136	41.47	44.88	26.231	0		0	
"2014-06-11	04:00:00"	5.027	128.2	7.646	7.561	2.018	83.5	13.22	3.386	69.03	65.76	3.271	42.03	45.73	26.214	0		0	
"2014-06-11	05:00:00"	5.419	112.7	16	8.75	2.662	77.62	13.46	4.578	68.55	65.6	2.949	43.28	46.19	26.208	0		0	
"2014-06-11	06:00:00"	5.434	108.1	11.12	7.561	2.761	81.5	13.71	4.578	65.86	63.62	2.244	48.03	49.18	26.204	0		0	
"2014-06-11	07:00:00"	6.997	130.7	8.54	10.54	3.461	120	17.25	7.561	66.1	64.21	1.893	51.49	51.92	26.191	2.7345		0	
"2014-06-11	08:00:00"	6.159	150.2	19.81	9.95	3.471	145.9	27.81	7.561	68.69	68.04	0.648	50.22	49.65	26.203	99.303		0	
"2014-06-11	09:00:00"	10.91	181.9	10.53	19.49	6.718	184.1	17.79	13.52	75.22	75.68	-0.46	40.99	41.31	26.236	268.73		0	
"2014-06-11	10:00:00"	11.43	187.2	10.62	17.1	7.237	190.4	17.71	12.33	79.22	80	-0.786	36.17	36.81	26.267	320.97		0	
"2014-06-11	11:00:00"	8.95	201.4	13.83	14.72	6.219	203	18.53	12.93	84.5	85.2	-0.747	30.31	31.08	26.275	517.34		0	
"2014-06-11	12:00:00"	9.94	224.7	18.47	17.1	7.627	223.9	19.31	14.12	90.8	91.5	-0.65	22.58	23.32	26.291	734.63		0	
"2014-06-11	13:00:00"	10.69	272.9	26.24	18.3	8.58	270.6	29.85	16.51	94.7	95.7	-0.995	18.66	19.34	26.302	836.42		0	
"2014-06-11	14:00:00"	9.41	285.4	24.34	20.09	7.51	281.9	29.1	17.1	98.6	99.9	-1.271	14.9	15.57	26.296	879.14		0	
"2014-06-11	15:00:00"	12.16	304.2	21.73	24.26	9.83	291.1	55.73	21.87	100.3	101.7	-1.36	10.81	11.08	26.29	788.59	0.01		
"2014-06-11	16:00:00"	5.997	256.2	65.36	26.05	7.107	300.4	47.6	42.15	103.2	101.3	1.873	9.06	10.29	26.283	601.25	0.11		
"2014-06-11	17:00:00"	4.742	242.3	61.14	15.91	6.751	263.3	66.86	16.51	105.1	102.9	2.194	7.925	9.35	26.26	766.67	0		
"2014-06-11	18:00:00"	6.306	297.4	60.45	17.7	4.99	292.2	62.86	14.12	103.3	103.5	-0.137	7.689	8.64	26.238	595.55	0		
"2014-06-11	19:00:00"	11.19	254.6	17.76	22.47	8.64	250.4	20.5	16.51	100.1	100.1	-0.062	8.86	9.16	26.221	180.81	0		
"2014-06-11	20:00:00"	10.81	257.6	16.38	19.49	8.41	254.1	19.42	15.91	100.3	100	0.28	9.05	9.48	26.209	197.98	0		
"2014-06-11	21:00:00"	3.803	247.8	15.49	8.75	2.049	216	61.45	6.964	96.9	94.9	2.035	11.02	12.81	26.205	36.254	0		
"2014-06-11	22:00:00"	4.285	152.2	56.47	9.95	2.647	103.8	42.62	8.16	92	88.5	3.493	15.71	18.82	26.197	0.26964	0		
"2014-06-11	23:00:00"	11.07	136.9	12.89	17.7	6.091	137.7	20.73	11.74	88	86.8	1.182	21.16	22.37	26.201	0	0		
"2014-06-12	00:00:00"	12.01	124.7	7.982	17.7	7.087	123.5	15.19	12.93	83.9	83.2	0.713	31.39	32.86	26.21	0	0		
"2014-06-12	01:00:00"	12.97	127.9	12.62	26.05	7.505	126.9	20.32	18.3	81.1	80.5	0.62	39.37	41.17	26.212	0	0		
"2014-06-12	02:00:00"	11.19	124.5	35.62	23.07	6.681	123	41.01	14.72	77.99	77.46	0.534	47.22	48.24	26.207	0	0		
"2014-06-12	03:00:00"	5.337	56.15	30.08	8.75	3.164	53.56	32.94	7.561	75.77	74.61	1.158	51.86	53.08	26.207	0	0		
"2014-06-12	04:00:00"	4.627	67.16	23.23	6.964	2.286	54.64	18.99	4.578	73.96	71.38	2.584	53.7	56.69	26.194	0	0		
"2014-06-12	05:00:00"	4.135	49.94	32.13	9.95	2.194	61.91	62.35	5.771	73.46	70.97	2.494	52.82	55.9	26.189	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-12	06:00:00"	4.498	354.6	36.27	11.14	2.657	10.62	50.18	6.368	73.98	70.06	3.92	50.2	55.4	26.197	0	0		
"2014-06-12	07:00:00"	5.66	327.3	54.12	14.72	3.851	295.7	58.65	12.33	69.78	68.18	1.601	58.33	58.54	26.21	1.933	0		
"2014-06-12	08:00:00"	15	358.7	14.06	23.66	10.71	355.1	17.28	22.47	70.32	70.33	-0.006	62.18	59.99	26.241	82.286	0		
"2014-06-12	09:00:00"	18.57	10.37	13.13	27.84	13.41	7.181	15.67	22.47	71.12	71.73	-0.607	57.96	55.71	26.275	272.97	0		
"2014-06-12	10:00:00"	19.53	11.73	13.55	29.03	13.95	9.04	16.83	25.45	73.54	74.53	-0.99	55.75	53.76	26.322	459.13	0		
"2014-06-12	11:00:00"	19.49	16.43	12.88	29.63	13.8	13.01	15.35	24.26	74.12	74.96	-0.836	54.59	52.91	26.351	340.83	0		
"2014-06-12	12:00:00"	18.37	18.92	13.54	26.65	12.84	16.4	16.04	23.07	77.05	78.32	-1.269	50.53	49.45	26.375	739.75	0		
"2014-06-12	13:00:00"	16.01	20.81	13.57	26.65	11.08	17.64	15.81	21.28	81	82.5	-1.537	44.6	44.58	26.393	875.62	0		
"2014-06-12	14:00:00"	16.37	28.19	16.21	26.65	10.61	24.12	18.48	20.09	83.5	85.3	-1.789	41.43	41.84	26.402	913.3	0		
"2014-06-12	15:00:00"	15.63	29.3	17.97	25.45	10.39	24.51	19.12	23.07	85.8	87.7	-1.858	38.26	39	26.398	935.14	0		
"2014-06-12	16:00:00"	12.74	39.5	18.56	23.07	8.14	34.19	21.83	17.7	87.9	89.7	-1.865	36.44	37.39	26.397	856.44	0		
"2014-06-12	17:00:00"	12.09	37.72	19.61	20.68	7.893	32.78	22.36	16.51	89.2	90.9	-1.756	34.82	35.89	26.396	737.55	0		
"2014-06-12	18:00:00"	13.86	45.5	17.88	25.45	8.47	39.99	21.46	25.45	88.3	90	-1.732	37.86	38.81	26.389	585.58	0		
"2014-06-12	19:00:00"	16.09	40.91	13.49	24.86	9.56	35.54	17.38	20.68	86.5	87.7	-1.195	41.33	42.29	26.373	399.31	0		
"2014-06-12	20:00:00"	14.79	44.01	13.64	23.66	8.59	37.83	17.44	16.51	84.7	85.3	-0.575	43.5	44.53	26.373	208.24	0		
"2014-06-12	21:00:00"	15.8	51.83	10.57	23.66	8.78	45.01	16.45	16.51	81.7	82	-0.319	49.14	49.49	26.374	48.398	0		
"2014-06-12	22:00:00"	15.49	54.67	10.5	23.66	8.86	48.48	17.23	16.51	78.43	78.43	-0.008	55.1	54.77	26.372	0.42953	0		
"2014-06-12	23:00:00"	15.82	66.4	8.88	24.26	9.75	61.87	17.31	18.89	75.85	75.79	0.065	61.63	60.41	26.381	0	0		
"2014-06-13	00:00:00"	17.32	74.2	9.2	26.65	10.48	69.32	19.44	18.89	73.23	73.19	0.049	68.59	66.17	26.396	0	0		
"2014-06-13	01:00:00"	15.08	77.02	9.74	24.26	9.11	72.63	19.32	17.1	70.75	70.64	0.105	73.24	69.98	26.399	0	0		
"2014-06-13	02:00:00"	13.78	79.52	9.71	21.28	8.3	76.28	19.77	16.51	69.19	69.03	0.158	76.57	72.75	26.398	0	0		
"2014-06-13	03:00:00"	13.74	74.72	9.5	20.09	8.46	70.02	19.65	14.12	67.86	67.72	0.145	80.1	75.68	26.395	0	0		
"2014-06-13	04:00:00"	11.22	83.8	10.74	16.51	6.959	81	21.19	12.33	67.61	67.6	0.005	81.2	76.37	26.399	0	0		
"2014-06-13	05:00:00"	8.67	95.5	12.15	16.51	5.792	94.1	20.67	12.33	68.27	68.37	-0.108	79.69	75	26.405	0	0		
"2014-06-13	06:00:00"	9.63	78.44	16.57	17.1	6.139	74.21	23.35	12.33	68.13	68.09	0.049	80.7	76.17	26.399	0	0		
"2014-06-13	07:00:00"	7.639	71.3	13.23	14.12	4.828	66.37	20.07	9.95	67.16	67.1	0.06	83.7	78.65	26.402	1.9254	0		
"2014-06-13	08:00:00"	11.52	82.4	10.41	17.7	7.147	77.08	20.7	13.52	68.29	68.67	-0.387	83.8	78.28	26.424	71.243	0		
"2014-06-13	09:00:00"	10.89	99.7	10.35	17.1	7.387	98.9	18.38	12.93	68.84	69.23	-0.392	83	77.59	26.44	50.062	0		
"2014-06-13	10:00:00"	11.23	94.7	12.4	17.1	7.49	92.6	20.41	12.93	68.59	69.4	-0.811	86.2	79.62	26.442	152.57	0		
"2014-06-13	11:00:00"	11.23	111.2	15.76	17.7	7.537	109.1	22.14	13.52	72.29	73.27	-0.981	74	69.57	26.442	258.74	0		
"2014-06-13	12:00:00"	9.23	134.7	18.45	16.51	6.175	135.2	25.72	11.74	75.48	76.68	-1.2	66.29	62.83	26.449	341.17	0		
"2014-06-13	13:00:00"	6.949	181.1	30.12	13.52	4.85	183.3	34.61	11.74	77.84	78.84	-1.003	61.95	59.32	26.45	404.62	0		
"2014-06-13	14:00:00"	8.26	161.8	33.89	20.09	5.752	162.9	43.16	15.31	82.7	84	-1.234	52.88	51.67	26.428	877.42	0		
"2014-06-13	15:00:00"	10.01	140.7	25.76	20.68	6.716	142.7	34.67	15.31	86.2	88.3	-2.034	44.42	43.88	26.403	907.95	0		
"2014-06-13	16:00:00"	11.57	155	23.7	21.87	7.631	155	30.45	16.51	89.8	91.8	-1.942	35.09	35.57	26.381	829.91	0		
"2014-06-13	17:00:00"	10.96	147.3	21.13	21.28	7.054	145.2	28.33	14.72	90.6	92	-1.407	33.19	34.23	26.356	441.48	0		
"2014-06-13	18:00:00"	12.1	158.8	24.27	23.66	7.546	158.7	29.67	15.91	91.1	92	-0.902	31.6	33.07	26.33	301.5	0		
"2014-06-13	19:00:00"	14.87	149.5	14.73	25.45	8.86	149.3	21.49	18.89	91	91.6	-0.619	31.23	32.88	26.314	185.39	0		
"2014-06-13	20:00:00"	12.12	156.2	12.11	20.09	6.982	155.9	19.68	13.52	90.3	90.3	0.005	30.03	32.12	26.294	62.045	0		
"2014-06-13	21:00:00"	13.84	169.5	33.1	46.33	8.6	170	35.89	35	88.2	87.7	0.542	32.34	35.51	26.301	3.0702	0.05		
"2014-06-13	22:00:00"	18.12	162.9	84.7	45.73	12.47	158	87.9	39.17	77.85	75.16	2.694	47.97	56.05	26.269	0.00019	0.1		
"2014-06-13	23:00:00"	14.46	314.6	36.63	33.21	11.19	313.9	37.52	24.86	69.34	69.14	0.2	74.35	72.64	26.384	0.00056	0.01		
"2014-06-14	00:00:00"	7.508	74.18	49.03	14.72	4.48	74.45	51.97	10.54	68.43	67.83	0.604	77.36	76.46	26.333	0	0.01		
"2014-06-14	01:00:00"	9.76	142	17.24	15.91	5.397	141.4	22.88	11.14	67.05	66.52	0.524	83.2	80.8	26.286	0	0		
"2014-06-14	02:00:00"	8.95	147.9	11.32	12.93	4.671	146.6	19.93	9.95	67.09	66.2	0.895	79.75	78.69	26.28	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-14	03:00:00"	10.24	153.7	10.23	17.7	5.481	153.7	18.22	12.93	67.73	66.93	0.805	75.58	74.4	26.278	0	0		
"2014-06-14	04:00:00"	5.631	169.2	29.98	9.95	2.862	171.8	38.35	6.964	66.59	65.92	0.675	80.7	78.42	26.267	0	0		
"2014-06-14	05:00:00"	4.125	185.6	60.21	8.16	1.668	157.7	75.51	5.771	65.46	64.52	0.94	85.7	83.9	26.259	0	0		
"2014-06-14	06:00:00"	9.71	192.9	19.44	17.1	5.737	194.3	24.38	12.33	66.08	65.62	0.457	84.1	81.2	26.255	0	0		
"2014-06-14	07:00:00"	15.2	197.4	8.72	23.07	9.3	200.3	14.71	18.3	66.36	66.15	0.209	83.7	79.58	26.24	2.0377	0		
"2014-06-14	08:00:00"	15.37	204.8	9.03	23.07	9.6	206.9	14.24	16.51	66.42	66.34	0.071	84.9	80.1	26.236	75.643	0		
"2014-06-14	09:00:00"	14.84	206.3	8.93	24.86	9.6	207.9	13.87	18.89	69.45	69.91	-0.466	79.9	75.48	26.242	266.99	0		
"2014-06-14	10:00:00"	12.65	202.3	9.83	18.3	8.35	204.8	14.77	14.72	72.88	73.85	-0.975	71.6	68.57	26.262	460.41	0		
"2014-06-14	11:00:00"	13.26	212.7	10.97	20.09	9.05	213.6	14.68	15.31	76.91	77.82	-0.907	61.44	60.83	26.267	611.04	0		
"2014-06-14	12:00:00"	14.22	214	11.13	20.68	9.73	215.2	15.03	15.91	82	82.8	-0.847	49.32	50.9	26.271	744.56	0		
"2014-06-14	13:00:00"	15.49	222.4	12.49	26.65	11.02	221.8	15.04	21.87	88.4	89.1	-0.75	32.21	35.07	26.278	851.87	0		
"2014-06-14	14:00:00"	14.19	223.2	17.53	22.47	10.19	223.3	19.53	19.49	92.2	93.2	-1.01	26.92	29.18	26.273	926.5	0		
"2014-06-14	15:00:00"	13.36	227.8	18.09	26.05	9.88	227	20.05	20.68	95.4	96.3	-0.925	21.67	23.67	26.258	924.63	0		
"2014-06-14	16:00:00"	14.09	201.2	28.02	23.66	9.42	203.7	29.42	17.7	96.2	97.2	-1.022	19.46	21.03	26.236	616.64	0		
"2014-06-14	17:00:00"	11.94	217.6	35.05	29.03	8.68	218	34.88	19.49	98.1	99.1	-0.994	14.58	15.94	26.216	675.31	0		
"2014-06-14	18:00:00"	13.64	237.9	18.75	23.66	10.71	236.2	18.2	19.49	99.7	100.5	-0.728	11.95	13.1	26.203	692.03	0		
"2014-06-14	19:00:00"	18.87	199.4	29.44	36.78	11.99	201.3	32.21	26.65	96.1	96.7	-0.632	19.68	20.78	26.194	398.67	0		
"2014-06-14	20:00:00"	18.47	179.2	9.28	30.22	10.91	182.4	16.56	20.68	92	92.1	-0.146	26.61	28.45	26.171	188.63	0		
"2014-06-14	21:00:00"	15.81	180	8.49	25.45	9.08	182.7	16.63	17.7	91.3	90.8	0.428	22.98	24.98	26.16	39.193	0		
"2014-06-14	22:00:00"	14.05	170.6	8.5	21.87	7.954	171.9	16.84	15.91	87.4	86.6	0.803	22.58	24.32	26.169	0.48937	0		
"2014-06-14	23:00:00"	15.74	172.4	9.57	30.82	8.94	174.3	17.9	25.45	84.2	83.6	0.583	27.3	28.95	26.183	0	0		
"2014-06-15	00:00:00"	8.37	184.3	49.07	23.07	5.276	186.8	55.48	15.91	81.6	81.1	0.579	34.36	37.18	26.218	0	0		
"2014-06-15	01:00:00"	13.56	178.9	21.18	27.84	7.883	181	27.94	18.89	77.85	77.31	0.544	46.15	47.93	26.206	0	0		
"2014-06-15	02:00:00"	14.26	181.7	7.827	24.86	8.14	184.2	15.86	15.91	75.13	74.64	0.492	51.61	52.33	26.201	0	0		
"2014-06-15	03:00:00"	9.54	188.4	18.18	18.3	5.659	193	23.16	12.33	73.59	73.03	0.562	56.66	56.76	26.187	0	0		
"2014-06-15	04:00:00"	9.31	181.7	10.51	17.1	5.228	185.7	18.43	11.74	73.35	72.67	0.673	61.93	61.66	26.177	0	0		
"2014-06-15	05:00:00"	7.316	189.4	8.96	11.74	3.873	193.7	15.74	8.75	72.17	71.05	1.123	66.62	66.69	26.172	0	0		
"2014-06-15	06:00:00"	4.717	201.2	17.08	7.561	1.757	207.2	31.04	5.175	70.24	68.29	1.958	71.1	72.11	26.166	0	0		
"2014-06-15	07:00:00"	5.751	250.3	14.99	9.35	3.089	258.5	17.36	5.175	69.15	66.74	2.402	74.39	75.54	26.171	2.9415	0		
"2014-06-15	08:00:00"	5.358	256	20.33	7.561	3.515	257.5	28.93	6.964	70.08	68.88	1.194	73.84	73.15	26.193	92.166	0		
"2014-06-15	09:00:00"	6.575	243.2	16.66	10.54	5.159	241.5	18.66	8.16	73.48	73.51	-0.028	68.09	66.21	26.237	277.36	0		
"2014-06-15	10:00:00"	7.674	268.7	31.89	12.93	6.306	266	35.09	11.74	79.18	79.67	-0.487	52.11	52.83	26.277	475.27	0		
"2014-06-15	11:00:00"	10.75	323.3	12.13	16.51	8.92	323.4	13.81	15.31	83.4	84.2	-0.836	32.16	34.15	26.301	652.81	0		
"2014-06-15	12:00:00"	9.67	342.6	22.44	14.72	7.855	340.6	23.39	12.93	87.5	88.6	-1.082	23.32	24.81	26.319	813.64	0		
"2014-06-15	13:00:00"	8.38	2.635	23.45	14.72	6.363	0.53	25.26	13.52	91.9	93.1	-1.214	18.31	19.73	26.336	909.25	0		
"2014-06-15	14:00:00"	7.253	331.1	56.36	14.72	5.639	330.2	58.03	14.72	95.8	96.4	-0.657	12.01	13.2	26.34	944.77	0		
"2014-06-15	15:00:00"	6.517	233	53.5	15.31	5.146	235.7	58.95	11.74	99.2	99.2	-0.039	8.26	9.21	26.338	938.86	0		
"2014-06-15	16:00:00"	9.83	233.4	34.91	18.3	7.637	232.5	36.22	15.31	98.9	99.8	-0.951	6.203	6.273	26.325	895.74	0		
"2014-06-15	17:00:00"	8.92	247.4	37.97	20.68	7.255	245.5	37.34	18.89	99.3	100	-0.692	8	8.37	26.308	782.64	0		
"2014-06-15	18:00:00"	7.588	202.6	53.11	21.87	5.338	203.5	59.39	15.31	100.3	100.7	-0.449	8.1	8.57	26.287	626.29	0		
"2014-06-15	19:00:00"	8.84	210.2	41.9	18.3	6.564	212.2	45.48	18.3	100	100.5	-0.506	8.29	8.55	26.268	433.77	0		
"2014-06-15	20:00:00"	9.37	194.9	36.37	17.1	6.105	196.1	38.06	12.33	99.4	99.2	0.228	8.78	9.33	26.262	250.8	0		
"2014-06-15	21:00:00"	6.091	193.1	15.01	12.93	3.31	194.2	18.97	8.75	97.1	96	1.073	10.21	11.72	26.26	56.262	0		
"2014-06-15	22:00:00"	10.14	117.4	28.79	23.07	6.351	103.2	27.27	18.89	91.8	90	1.738	23.42	26.39	26.26	0.61178	0		
"2014-06-15	23:00:00"	19.15	145.6	20.99	37.98	11.22	146.6	25.94	23.66	87.7	87.4	0.289	38.41	40.84	26.281	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-16	00:00:00"	23.71	156.8	9.68	36.19	13.77	158.9	17.3	26.65	83.8	83.7	0.15	49.55	50.93	26.307	0	0		
"2014-06-16	01:00:00"	23.11	170	9.5	35	13.05	171.5	17.98	23.66	82	81.8	0.172	52.83	53.74	26.307	0	0		
"2014-06-16	02:00:00"	18.67	175.1	9.5	31.42	10.72	175.6	17.57	23.07	81	80.7	0.302	52.52	53.58	26.288	0	0		
"2014-06-16	03:00:00"	13.48	178.9	8.95	21.87	7.65	179.9	16.96	15.31	79.38	78.92	0.462	51.32	52.61	26.27	0	0		
"2014-06-16	04:00:00"	9.83	196.8	12.12	15.31	5.841	199.1	17.03	11.74	77.69	77.05	0.643	49.48	51.08	26.274	0	0		
"2014-06-16	05:00:00"	7.554	200.7	19.49	12.93	4.286	197.6	25.43	9.35	75.78	74.9	0.886	48.65	50.58	26.272	0	0		
"2014-06-16	06:00:00"	9.53	170.4	10.65	15.31	5.147	171.1	19.19	9.95	73.9	72.98	0.919	51.05	52.35	26.269	0	0		
"2014-06-16	07:00:00"	10.79	161.3	8.81	17.1	6.085	161.6	18.42	12.33	74.29	73.58	0.709	50.41	51.37	26.287	1.6806	0		
"2014-06-16	08:00:00"	11.96	165.9	9.24	17.1	6.84	166.9	17.71	12.33	75.12	74.62	0.503	50.94	51.8	26.308	67.159	0		
"2014-06-16	09:00:00"	13.94	180.2	9.37	20.09	8.33	181.4	16.4	14.72	77.54	77.86	-0.322	48.97	49.08	26.335	227.73	0		
"2014-06-16	10:00:00"	14.38	187.9	9.45	20.09	8.88	190.6	16.36	15.31	78.74	79.17	-0.426	51.69	51.45	26.359	257.06	0		
"2014-06-16	11:00:00"	14.29	191	10.59	20.09	8.84	192.7	16.79	15.91	80.6	81.4	-0.83	50.39	50.02	26.371	369.24	0		
"2014-06-16	12:00:00"	13.34	196.9	11.47	19.49	8.65	198	16.88	14.12	83.7	84.5	-0.81	43.24	44.2	26.376	397.63	0		
"2014-06-16	13:00:00"	11.85	196	15.06	18.89	7.866	197.4	19.15	14.12	87.2	88.2	-0.986	34.98	36.31	26.377	529.44	0		
"2014-06-16	14:00:00"	10.04	209.3	13.82	17.7	7.063	208.9	17.34	13.52	91	91.8	-0.81	24.58	25.82	26.379	563.57	0		
"2014-06-16	15:00:00"	7.428	224.8	26.24	14.72	5.558	223.7	28.16	12.33	93.1	93.4	-0.25	17.42	18.62	26.369	468.45	0		
"2014-06-16	16:00:00"	8.32	210	22.33	15.31	5.858	210.3	24.73	12.33	93.8	94.2	-0.442	17.61	18.61	26.355	463.64	0		
"2014-06-16	17:00:00"	8.74	210.9	18.88	15.91	6.428	213.5	21.89	13.52	94.9	95.3	-0.4	14.56	15.36	26.337	457.12	0		
"2014-06-16	18:00:00"	10.44	182.9	16.35	19.49	6.686	187.1	22.5	16.51	95.9	96.6	-0.635	13.52	14.15	26.313	430.96	0		
"2014-06-16	19:00:00"	12.76	177.6	20.08	23.07	8.14	179.8	25.9	15.31	97.1	98.1	-0.97	15.12	15.6	26.299	473.48	0		
"2014-06-16	20:00:00"	17.39	171.7	16.69	31.42	10.34	173.6	22.97	22.47	94.2	94.5	-0.335	25.17	26.32	26.293	227.67	0		
"2014-06-16	21:00:00"	21.36	157.1	9.56	30.22	12.43	158.3	16.95	21.28	87.6	87.7	-0.041	41.52	43.52	26.291	49.073	0		
"2014-06-16	22:00:00"	19.95	162.9	9.37	30.82	11.59	164.2	17.15	21.28	83.1	82.9	0.184	51.81	52.78	26.294	0.51254	0		
"2014-06-16	23:00:00"	17.71	169.6	8.55	27.84	10.24	171.6	17.25	20.68	80.7	80.4	0.26	57.08	57.4	26.312	0	0		
"2014-06-17	00:00:00"	15.76	169.9	9.1	26.05	8.94	172.1	18.26	18.3	79.04	78.72	0.323	60.84	60.71	26.32	0	0		
"2014-06-17	01:00:00"	12.48	172.1	8.51	22.47	7.031	174.4	16.6	14.72	77.05	76.62	0.436	66.63	65.93	26.312	0	0		
"2014-06-17	02:00:00"	10.98	177	11.07	16.51	6.311	179.2	18.66	12.33	75.57	74.94	0.633	64.9	64.89	26.292	0	0		
"2014-06-17	03:00:00"	9.17	178.7	10	16.51	4.924	180.2	17.64	9.95	73.84	72.92	0.918	57.53	58.3	26.287	0	0		
"2014-06-17	04:00:00"	10.25	170.2	9.59	15.31	5.645	171.4	17.8	11.74	72.53	71.66	0.868	59.24	59.52	26.276	0	0		
"2014-06-17	05:00:00"	12.52	167.4	7.814	17.7	6.89	168.3	16.86	14.72	72.72	72.04	0.682	58.56	58.41	26.26	0	0		
"2014-06-17	06:00:00"	11.6	175.6	11.29	17.1	6.504	177.9	18.8	12.33	72.02	71.36	0.658	59.82	59.44	26.266	0	0		
"2014-06-17	07:00:00"	7.047	197.2	11.31	14.72	3.919	201.8	17.48	11.14	70.71	69.76	0.951	64.85	64.13	26.274	2.2545	0		
"2014-06-17	08:00:00"	8.35	185.6	10.05	14.12	4.687	189.6	17.09	10.54	70.94	70.26	0.681	67.51	66.01	26.276	61.987	0		
"2014-06-17	09:00:00"	9.96	192.9	9.78	16.51	6.358	195.9	15.86	13.52	75.17	75	0.17	59.94	59.56	26.307	130.6	0		
"2014-06-17	10:00:00"	12.59	200.8	9.78	18.3	8.26	202.6	14.99	14.12	79.72	80	-0.296	50.12	50.68	26.337	279.38	0		
"2014-06-17	11:00:00"	9.81	210.3	15.76	14.72	6.991	210.5	18.57	13.52	84.1	85	-0.95	41.63	42.72	26.349	631.77	0		
"2014-06-17	12:00:00"	7.029	216.8	28.6	12.33	5.423	220.3	31.19	11.14	89	89.4	-0.452	32.56	34.42	26.359	775.38	0		
"2014-06-17	13:00:00"	4.444	196.1	74.11	11.14	3.625	202.8	76.41	9.95	95.6	95	0.603	21.22	23.78	26.37	886.22	0		
"2014-06-17	14:00:00"	5.653	335.3	88.5	12.33	4.466	323.9	85.2	9.35	97.4	97.9	-0.466	16.19	17.94	26.365	922.51	0		
"2014-06-17	15:00:00"	6.154	104.6	74.95	13.52	4.523	97.7	80.2	11.14	99.9	100.6	-0.718	11.56	12.69	26.349	927.38	0		
"2014-06-17	16:00:00"	7.119	102.4	75.98	18.89	5.043	98.1	79.82	14.72	100.5	101	-0.541	11.98	13.02	26.33	756.58	0		
"2014-06-17	17:00:00"	8.91	141.3	38.3	21.28	6.025	141.1	45.27	17.7	99	100.2	-1.158	15.84	16.59	26.315	563.79	0		
"2014-06-17	18:00:00"	9.02	161.3	27.88	15.31	5.864	163.8	33.63	12.93	98.2	99.2	-1.065	16.65	17.43	26.298	403.53	0		
"2014-06-17	19:00:00"	10.29	172.8	25.17	20.68	6.636	174.9	30.9	15.31	97.6	98.5	-0.93	18.6	19.42	26.28	397.65	0		
"2014-06-17	20:00:00"	14.9	80.4	87.4	27.24	9.52	61.2	91.6	23.07	93.1	93.8	-0.688	27.1	28.25	26.272	299.7	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-17	21:00:00"	20.52	178.9	89.7	50.5	13.25	188.8	90.4	32.61	79.25	78.74	0.509	55.56	58.71	26.295	77.027	0.66		
"2014-06-17	22:00:00"	17.1	103	26.06	32.61	10.52	101.5	30.59	23.07	70.55	69.44	1.107	79.34	79.82	26.264	2.1022	0.22		
"2014-06-17	23:00:00"	11.84	105.5	15.37	21.87	6.996	103.2	21.57	14.12	70.27	69.07	1.198	79.77	80.6	26.266	0	0.27		
"2014-06-18	00:00:00"	13.75	118.2	18.8	21.28	8.29	117	24.12	16.51	73.52	72.56	0.956	76.06	76.54	26.289	0	0		
"2014-06-18	01:00:00"	11.82	146.1	12.3	19.49	6.724	145	19.69	12.33	74.93	74.1	0.835	73.12	73.57	26.309	0	0		
"2014-06-18	02:00:00"	12.62	148.3	9.37	22.47	7.137	146.8	17.23	14.72	75.19	74.49	0.701	71.43	71.79	26.322	0	0		
"2014-06-18	03:00:00"	7.848	130.5	49.33	17.7	4.602	122.2	58.88	14.12	74.51	73.6	0.91	73.8	74.7	26.337	0	0		
"2014-06-18	04:00:00"	7.164	99.4	10.94	14.12	4.585	97	18.05	9.35	71.45	71.03	0.415	78.6	76.93	26.3	0	0		
"2014-06-18	05:00:00"	7.503	137.2	29.07	12.93	4.327	133.3	37.5	9.35	71.44	70.84	0.595	80.1	78.83	26.274	0	0		
"2014-06-18	06:00:00"	6.533	136.5	16.6	11.74	3.504	134.7	24.05	8.16	71.72	71.14	0.58	79.9	78.52	26.269	0	0		
"2014-06-18	07:00:00"	6.002	164.5	12.36	9.95	2.933	166.4	20.54	6.964	70.87	70.24	0.621	81.7	80	26.265	1.9735	0		
"2014-06-18	08:00:00"	8.82	183.6	11.03	15.91	5.234	185.9	18	11.74	71.56	71.37	0.192	80.7	78	26.273	51.02	0		
"2014-06-18	09:00:00"	13.29	187.6	9.65	23.66	8.2	189.8	16.57	14.72	72.86	73.07	-0.208	77.1	74	26.288	170.56	0		
"2014-06-18	10:00:00"	13.57	180.6	10.87	18.3	8.38	182.7	18.3	14.12	75.79	76.82	-1.025	70.1	67.05	26.304	467.41	0		
"2014-06-18	11:00:00"	12.48	185.4	12.78	19.49	8.05	189.1	18.64	12.93	78.91	80	-1.111	61.16	59.84	26.321	571.11	0		
"2014-06-18	12:00:00"	10.89	195.3	13.98	18.3	7.212	197.5	18.98	13.52	82.9	83.8	-0.903	49.95	51.73	26.334	621.77	0		
"2014-06-18	13:00:00"	7.844	236.9	19.96	13.52	6.045	234.8	20.44	10.54	83.5	83.4	0.096	43.65	48.11	26.341	249.79	0		
"2014-06-18	14:00:00"	4.297	209.7	45.64	8.16	3.278	213	54.79	6.964	89.4	89.3	0.068	34.86	39.22	26.33	911.86	0		
"2014-06-18	15:00:00"	4.392	212.7	55.04	15.91	3.303	216.4	60.84	11.14	95.1	94.7	0.428	25.38	29.94	26.328	917.12	0		
"2014-06-18	16:00:00"	9.65	199.7	26.47	18.89	6.522	200.3	32.36	13.52	94.1	94.5	-0.353	22.76	26.74	26.309	731.05	0		
"2014-06-18	17:00:00"	8.89	217.7	20.76	18.3	6.472	216.4	25.92	13.52	94.8	95	-0.217	19.7	23.29	26.292	618.41	0		
"2014-06-18	18:00:00"	8.54	231.8	17.17	17.1	6.385	230.7	18.3	14.72	94.7	94.6	0.092	18.61	22.26	26.273	496.53	0		
"2014-06-18	19:00:00"	12.15	206.3	31.8	51.69	7.716	207	33.34	42.75	88.5	87.4	1.086	27.69	34.18	26.267	204.15	0		
"2014-06-18	20:00:00"	10.4	161.4	21.48	20.09	6.106	162.9	26.79	15.31	86	85.5	0.527	34.74	39.53	26.233	200.73	0		
"2014-06-18	21:00:00"	18.35	142.4	12.89	30.22	10.69	143.7	19.45	20.68	81.3	81.2	0.034	44.94	47	26.268	90.45	0		
"2014-06-18	22:00:00"	16.05	124.6	10.58	27.84	9.65	125.2	17.94	17.7	72.74	72.61	0.133	61.44	60.99	26.277	0.97846	0		
"2014-06-18	23:00:00"	15.21	143.2	8.93	22.47	8.77	144.3	17.4	16.51	72.84	72.4	0.434	63.19	62.96	26.265	0	0		
"2014-06-19	00:00:00"	12.22	156.2	12.49	23.07	7.217	158.8	19.77	16.51	73.2	72.76	0.438	71.68	70.44	26.291	0	0		
"2014-06-19	01:00:00"	9.94	161	10.3	15.31	5.428	161.6	18.67	10.54	72.04	71.47	0.568	76.32	74.73	26.296	0	0		
"2014-06-19	02:00:00"	10.58	171	11.14	17.7	5.905	172.7	19.2	12.33	71.35	70.76	0.587	79.23	77.33	26.292	0	0		
"2014-06-19	03:00:00"	13.93	166	9.85	21.28	8.02	167.9	17.69	14.72	72.24	71.78	0.466	77.92	75.93	26.282	0	0		
"2014-06-19	04:00:00"	8.54	157.6	12.21	16.51	4.732	156.1	21.09	11.74	71.47	70.93	0.549	81.2	78.86	26.283	0	0		
"2014-06-19	05:00:00"	3.123	147.3	15.29	5.771	1.059	121.9	32.54	2.789	70.3	69.02	1.281	84.1	83.1	26.277	0	0		
"2014-06-19	06:00:00"	6.121	172.6	10.19	9.95	2.809	174.3	20.79	5.175	69.74	68.44	1.304	85.4	84.8	26.274	0	0		
"2014-06-19	07:00:00"	5.076	183	11.19	6.964	2.306	188	17.91	4.578	68.88	68.02	0.865	88.4	86.1	26.288	3.2151	0		
"2014-06-19	08:00:00"	7.586	164.7	10.16	14.72	4.374	166.6	18.36	10.54	69.8	69.56	0.234	87	84	26.304	89.798	0		
"2014-06-19	09:00:00"	10.85	169.1	11.25	15.91	6.623	171.5	18.73	11.14	72.16	72.49	-0.327	79.27	76.09	26.323	193.01	0		
"2014-06-19	10:00:00"	10.15	183	12.23	15.31	6.296	185.9	18.84	11.14	75.19	75.78	-0.598	71.27	69.31	26.344	306.3	0		
"2014-06-19	11:00:00"	9.7	193.1	13.21	14.72	6.457	196.7	17.94	11.14	77.21	77.74	-0.534	65.48	64.66	26.36	342.38	0		
"2014-06-19	12:00:00"	5.472	220.8	32.29	10.54	4.21	222.1	35.32	8.16	80.4	80.8	-0.373	57.21	57.85	26.379	501.06	0		
"2014-06-19	13:00:00"	4.233	160	63.73	9.35	3.101	167	68.9	7.561	84.6	84.9	-0.262	48.82	51.02	26.4	665.05	0		
"2014-06-19	14:00:00"	3.6	163.9	90.5	9.35	3.112	172.2	95	8.16	88.8	88.6	0.147	40.17	44.31	26.407	765.27	0		
"2014-06-19	15:00:00"	4.758	136.7	46.43	11.74	3.419	142.3	55.46	7.561	90.8	90.9	-0.11	33.59	37.28	26.404	626.46	0		
"2014-06-19	16:00:00"	6.537	152.5	30.1	14.72	4.485	155.3	40.17	11.14	91.1	91.4	-0.304	31.4	34.63	26.396	493.88	0		
"2014-06-19	17:00:00"	11	159.5	17.02	18.3	6.862	162.1	24.83	13.52	90.9	91.7	-0.784	32.99	35.95	26.377	569.07	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-19	18:00:00"	12.71	153.6	15.52	24.86	7.788	156	22.17	15.91	91.5	92.4	-0.967	31.37	33.93	26.373	555.48	0		
"2014-06-19	19:00:00"	14.49	145.8	13.17	24.86	8.46	147.4	20.66	18.3	89.2	89.4	-0.165	34.22	37.17	26.361	163.09	0		
"2014-06-19	20:00:00"	14.8	137.7	9.47	23.66	8.84	139	17.3	16.51	87.5	87.4	0.173	35.73	38.82	26.348	102.27	0		
"2014-06-19	21:00:00"	15.99	146.1	9.72	25.45	9.23	147.2	17.32	18.3	85.3	84.8	0.437	38.35	41.51	26.358	16.71	0		
"2014-06-19	22:00:00"	13.93	153.3	13.56	22.47	8.12	154	20.34	15.91	82.9	82.4	0.49	43.59	46.3	26.396	0.07952	0		
"2014-06-19	23:00:00"	20.48	263.6	28.5	38.57	15.11	260.3	28.36	29.63	72.21	72.35	-0.14	54.18	53.33	26.437	0	0		
"2014-06-20	00:00:00"	11.34	252.9	41.94	26.65	7.992	252.4	43.66	20.68	72.61	72.51	0.093	52.12	52.28	26.424	0	0		
"2014-06-20	01:00:00"	10.93	247.7	26.66	20.68	7.287	245.5	26.91	14.72	70.37	68.85	1.524	62.03	66.63	26.427	0.00037	0.07		
"2014-06-20	02:00:00"	7.965	190.5	38.77	15.31	4.56	186.1	48.74	9.95	70.44	68.3	2.143	64.31	70.87	26.347	0	0.01		
"2014-06-20	03:00:00"	12.57	167.6	13.58	21.87	7.032	169.3	20.56	14.12	70.13	69.21	0.918	71.23	71.54	26.348	0	0		
"2014-06-20	04:00:00"	11.42	123.3	43.93	21.87	6.487	122.1	51.21	16.51	69.28	68.73	0.552	75.57	73.88	26.351	0	0		
"2014-06-20	05:00:00"	5.427	144.3	25.48	9.95	2.33	142	30.34	5.771	68.89	67.7	1.187	78.97	78.23	26.38	0	0		
"2014-06-20	06:00:00"	5.536	153.8	14.36	10.54	2.545	154.4	23.83	8.16	68.25	67.19	1.064	82	81.2	26.392	0	0		
"2014-06-20	07:00:00"	7.092	161.8	17.13	14.72	3.758	161.7	22.58	9.35	68.29	67.82	0.464	82.8	80.2	26.411	0.76741	0		
"2014-06-20	08:00:00"	9.52	149.5	12.39	20.09	5.619	150.1	19.57	14.12	68.12	68.04	0.077	83.9	80.3	26.433	17.587	0		
"2014-06-20	09:00:00"	10.93	161.4	13.69	17.7	6.563	161.9	20.47	12.33	67.67	68.1	-0.423	83.9	79.09	26.45	123.84	0		
"2014-06-20	10:00:00"	10.14	169.5	10.78	15.91	6.085	170.1	18.39	11.74	68.26	68.85	-0.586	82.5	77.79	26.46	148.29	0		
"2014-06-20	11:00:00"	8.16	160.4	16.08	12.93	5.089	161.1	23.79	9.95	69.83	70.53	-0.699	77.91	73.89	26.469	202.68	0		
"2014-06-20	12:00:00"	5.985	132.8	25.56	11.74	4.359	129.4	35.2	9.95	75.14	76.19	-1.045	65.19	63.28	26.479	663.84	0		
"2014-06-20	13:00:00"	9.14	137.7	25.14	17.1	6.184	137.8	32.69	12.33	78.14	79.55	-1.402	56.58	56.19	26.489	706.41	0		
"2014-06-20	14:00:00"	10.73	155.2	17.91	17.7	6.737	155.9	25.48	12.33	78.75	79.76	-1.006	51.41	52.16	26.483	460	0		
"2014-06-20	15:00:00"	11.52	144.9	16.12	20.09	7.394	144.9	23.37	14.72	81.5	82.9	-1.405	45.05	46.36	26.469	780.14	0		
"2014-06-20	16:00:00"	10.71	127.9	16.56	21.28	7.139	127	23.23	16.51	82.6	83.9	-1.333	42.4	44.04	26.457	693.1	0		
"2014-06-20	17:00:00"	13.52	126.6	16.14	24.86	8.42	127.5	22.24	17.7	82.3	83.2	-0.976	40.86	42.94	26.444	437.98	0		
"2014-06-20	18:00:00"	16.6	122.4	10.97	28.43	10.34	123.5	18.63	20.09	80.4	81.2	-0.739	46.85	47.88	26.43	342.06	0		
"2014-06-20	19:00:00"	15.56	135.3	11.11	24.86	9.24	136.8	18.76	16.51	79.86	80.5	-0.641	46.97	48.05	26.423	278.94	0		
"2014-06-20	20:00:00"	15.92	142	10.8	26.05	9.48	143.7	18.62	19.49	78.96	79.21	-0.25	50.23	51.04	26.416	166.39	0		
"2014-06-20	21:00:00"	17.23	146.1	9.01	30.22	9.92	148.3	17.55	21.28	73.71	73.8	-0.09	64.17	62.62	26.419	45.727	0		
"2014-06-20	22:00:00"	10.38	148.2	8.95	16.51	5.944	150	17.37	11.74	71.42	71.09	0.333	70.98	69.17	26.409	0.80014	0		
"2014-06-20	23:00:00"	7.214	137.9	12.96	12.33	4.142	137.6	19.46	9.35	70.78	70.45	0.338	75.43	73.27	26.406	0	0		
"2014-06-21	00:00:00"	6.149	124.8	13.13	11.74	3.562	123.3	19.7	8.16	71.03	70.67	0.36	77.04	74.93	26.407	0	0		
"2014-06-21	01:00:00"	9.69	134.6	8.88	15.31	5.753	135	17.22	11.14	71.76	71.65	0.107	78.56	75.65	26.403	0	0		
"2014-06-21	02:00:00"	7.814	126.3	11.68	15.31	4.645	125.9	18.69	11.14	70.3	70.04	0.269	81.1	77.99	26.391	0	0		
"2014-06-21	03:00:00"	5.816	121.2	11.99	8.75	3.147	118.7	18.86	5.771	69.32	69.03	0.29	83.7	80.4	26.37	0	0		
"2014-06-21	04:00:00"	5.341	122.2	11.27	8.16	2.46	117.8	17.58	5.175	67.95	67.36	0.588	86.9	83.5	26.351	0	0		
"2014-06-21	05:00:00"	5.509	111.6	8.56	8.16	3.22	108.6	16.41	5.771	67	66.58	0.418	89.2	85.4	26.337	0	0		
"2014-06-21	06:00:00"	5.931	104.5	9.49	9.95	3.868	102.5	17.77	7.561	67.16	66.88	0.278	88	84.2	26.335	0	0		
"2014-06-21	07:00:00"	4.75	96.8	11.8	7.561	2.843	90.6	19.57	5.175	67.19	67.09	0.102	88.4	84.2	26.341	0.79637	0		
"2014-06-21	08:00:00"	8.15	128.5	12.3	13.52	5.033	129.7	19.21	9.35	68.08	68.09	-0.01	86.2	82	26.359	17.173	0		
"2014-06-21	09:00:00"	11.43	143.7	9.59	15.91	6.814	144.9	17.6	12.33	69.13	69.52	-0.392	84.1	79.37	26.371	104.61	0		
"2014-06-21	10:00:00"	10.37	148.7	11.01	15.31	6.335	149.4	19.16	12.33	70.24	70.95	-0.708	81.3	76.43	26.384	176.96	0		
"2014-06-21	11:00:00"	9.44	156.4	14.35	14.72	5.805	156.9	21.33	11.14	72.19	73.04	-0.845	75.89	71.9	26.392	274.03	0		
"2014-06-21	12:00:00"	6.833	159.8	27.25	13.52	4.577	161.4	34.59	10.54	74.64	75.49	-0.85	68.99	66.3	26.397	295.23	0		
"2014-06-21	13:00:00"	3.238	170	95.2	7.561	2.474	151.5	98.7	6.368	78.56	78.45	0.11	60.18	60.91	26.396	489.28	0		
"2014-06-21	14:00:00"	4.422	47.12	94.1	9.35	3.493	15.07	90.7	8.16	81.1	81.6	-0.571	55.1	56.17	26.388	561.35	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-21	15:00:00"	4.167	167.5	95.3	11.14	3.345	177.5	97.9	10.54	84	84	0.048	49.33	51.8	26.369	700.22		0	
"2014-06-21	16:00:00"	5.885	137.5	43.66	11.74	4.414	140.1	49.22	9.95	86.1	86.6	-0.434	42.9	45.31	26.358	692.98		0	
"2014-06-21	17:00:00"	8.95	131.4	20.23	17.1	5.94	130.3	27.67	11.74	85.7	86.6	-0.985	43.03	45.01	26.342	528.5		0	
"2014-06-21	18:00:00"	12.74	137.3	17.65	22.47	8.03	138.9	24.19	16.51	85	86.1	-1.063	45.86	47.13	26.326	462.75		0	
"2014-06-21	19:00:00"	13.32	135.8	13.45	20.09	8.14	136.7	21.39	16.51	84.1	84.8	-0.68	48.97	50.14	26.311	302.3		0	
"2014-06-21	20:00:00"	12.24	135.2	9.88	20.68	7.263	135.2	17.94	14.12	82.8	82.8	-0.06	51.06	52.61	26.311	133.67		0	
"2014-06-21	21:00:00"	13.7	129.3	12.44	20.09	8.32	128.9	19.28	14.72	80.8	80.7	0.139	56.45	57.16	26.302	44.138		0	
"2014-06-21	22:00:00"	13.25	150.3	9.04	20.09	7.649	151.5	17.24	14.72	78.39	77.99	0.396	60.4	60.86	26.301	1.7139		0	
"2014-06-21	23:00:00"	11.13	145.4	8.88	17.1	6.359	146.2	17.07	12.33	76.62	76.1	0.511	65.06	65.05	26.314	0		0	
"2014-06-22	00:00:00"	10.67	138.7	10.43	17.1	6.106	137.7	17.74	14.12	74.72	74.23	0.484	71.26	70.12	26.321	0		0	
"2014-06-22	01:00:00"	10	152.8	10.31	16.51	5.8	153.6	17.83	12.33	72.58	72.14	0.44	79.4	76.98	26.311	0		0	
"2014-06-22	02:00:00"	10.13	169.1	11.83	17.1	5.845	171.9	19.07	12.93	70.88	70.48	0.397	82.9	79.74	26.29	0		0	
"2014-06-22	03:00:00"	8.21	181.2	10.2	12.93	4.67	185.5	17.22	9.95	69.44	69.05	0.386	87.8	83.9	26.274	0		0	
"2014-06-22	04:00:00"	5.854	177.9	10.2	10.54	2.988	182.2	17.86	6.964	68.13	67.62	0.506	91.4	87.1	26.251	0		0	
"2014-06-22	05:00:00"	5.927	157.7	16.09	9.35	2.975	158.2	23.33	6.368	67.06	66.53	0.535	94	89.6	26.229	0		0	
"2014-06-22	06:00:00"	3.931	100.4	20.65	6.964	1.663	84.6	27.23	3.982	66.22	65.6	0.617	94.9	90.5	26.234	0		0	
"2014-06-22	07:00:00"	3.316	70.39	19.15	6.368	1.608	52.41	28.88	3.982	65.72	65.06	0.659	95.1	91.2	26.249	2.7707		0	
"2014-06-22	08:00:00"	4.128	84.3	17.97	6.964	2.116	79.46	27.52	4.578	66.85	66.56	0.291	92.9	90.2	26.258	88.394		0	
"2014-06-22	09:00:00"	6.594	128.1	12.16	9.95	4.341	127.1	20.3	8.75	69.73	70.33	-0.6	87.6	82.9	26.277	236.73		0	
"2014-06-22	10:00:00"	6.718	142.9	18.39	9.95	4.49	145.3	27.31	8.16	74.24	75.61	-1.376	76.04	71.67	26.292	452.96		0	
"2014-06-22	11:00:00"	5.095	140.4	28.39	8.75	3.606	141.1	38.14	6.964	80.6	81.6	-1.048	61.49	60.23	26.304	624.19		0	
"2014-06-22	12:00:00"	7.724	146	19.39	15.31	5.155	146.7	28.66	12.93	85.2	86.4	-1.151	48.69	49.71	26.317	771.75		0	
"2014-06-22	13:00:00"	6.413	179.3	38.78	14.12	4.58	184.2	42.13	10.54	89.9	90.4	-0.527	37.81	40.64	26.324	871.14		0	
"2014-06-22	14:00:00"	6.482	211.5	26.95	13.52	4.923	213.8	35.59	9.95	92.7	93	-0.295	33.05	36.06	26.317	916.21		0	
"2014-06-22	15:00:00"	7.028	219	39.3	13.52	5.417	220.1	43.65	11.14	94.8	95.3	-0.458	28.5	31.29	26.304	915.32		0	
"2014-06-22	16:00:00"	6.129	218.5	59.96	13.52	4.819	219.6	63.22	11.74	96.6	96.6	0.012	25.65	28.83	26.292	695.6		0	
"2014-06-22	17:00:00"	7.558	239.6	20.96	14.12	5.871	238.7	25.24	12.93	95.6	95.8	-0.252	25.7	28.46	26.284	558.43		0	
"2014-06-22	18:00:00"	5.632	230.6	32.5	11.74	4.364	232.2	42.15	9.35	97.7	97.8	-0.106	22.71	25.43	26.269	622.31		0	
"2014-06-22	19:00:00"	6.18	223.5	27.95	11.74	4.613	223.9	29.87	9.35	95.5	95.5	0.011	24.54	27.63	26.261	225.72		0	
"2014-06-22	20:00:00"	13.6	124.1	50.88	33.21	9.14	123.9	54.14	21.87	94.1	94	0.053	29.86	32.63	26.251	268.2		0	
"2014-06-22	21:00:00"	20.03	121.6	11.08	33.8	12.08	121.8	18.14	24.86	86.7	86.9	-0.153	42.87	44.84	26.268	79.317		0	
"2014-06-22	22:00:00"	13.61	117.6	22.72	26.65	7.685	116.3	28.46	18.89	79.14	77.68	1.454	63.78	67.69	26.25	0.63059		0	
"2014-06-22	23:00:00"	12.07	159.2	16.11	17.7	6.644	160.9	22.35	11.74	79.5	78.45	1.045	65.27	67.42	26.232	0		0	
"2014-06-23	00:00:00"	16.66	177.3	8.35	26.05	9.47	179.8	16.67	18.3	79.28	78.56	0.725	65.91	66.94	26.231	0		0	
"2014-06-23	01:00:00"	14.31	182.5	8.75	22.47	8.38	185.5	16.7	18.3	76.53	76.07	0.466	73.67	72.84	26.218	0		0	
"2014-06-23	02:00:00"	11.07	178.6	9.58	19.49	6.27	181.4	17.52	14.12	74.84	74.36	0.482	79.11	77.53	26.212	0		0	
"2014-06-23	03:00:00"	9.15	240.3	66.25	27.24	6.205	244	65.89	20.09	74.45	74.11	0.335	80.6	78.64	26.243	0		0	
"2014-06-23	04:00:00"	5.68	67.31	45.01	11.14	3.084	69.3	46.87	8.16	75.36	74.53	0.834	78.18	77.72	26.248	0		0	
"2014-06-23	05:00:00"	7.652	105.2	17.04	13.52	4.386	103.8	24.63	8.16	73.23	72.49	0.741	84.1	82.4	26.232	0		0	
"2014-06-23	06:00:00"	11.14	86.3	15.35	23.66	6.716	80.8	21.91	15.91	72.2	71.56	0.64	82.6	81	26.235	0		0	
"2014-06-23	07:00:00"	18.24	66.09	11.96	30.22	11.02	61.2	19.13	19.49	70.17	69.88	0.295	72.52	70.52	26.264	0.76418		0	
"2014-06-23	08:00:00"	17.26	74.29	13.93	30.22	10.38	70	20.83	21.87	68.36	68.32	0.043	75.27	72.14	26.292	49.988		0	
"2014-06-23	09:00:00"	13.25	71.9	10.78	21.87	8.15	67.38	20.43	14.72	69.28	69.92	-0.642	72.93	69.39	26.337	208.26		0	
"2014-06-23	10:00:00"	12.08	82.4	17.54	18.89	7.799	78.24	24.93	13.52	71.53	72.8	-1.27	69.25	65.78	26.364	383.51		0	
"2014-06-23	11:00:00"	12.05	106.9	15.77	18.3	8.3	105.4	23.31	14.72	74.31	75.86	-1.548	68.35	64.75	26.388	572.29		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-23	12:00:00"	11.73	149.5	17.63	20.68	7.494	149.3	24.46	15.31	78.21	80	-1.84	63.46	60.39	26.393	768.04	0		
"2014-06-23	13:00:00"	8.69	150.5	37.73	16.51	5.915	153.1	46.52	12.93	83	84.4	-1.381	54.2	53.49	26.414	768.78	0		
"2014-06-23	14:00:00"	6.961	100.4	26.46	15.91	5.078	98.9	36.88	11.74	85.3	86.3	-1.04	48.72	49.87	26.418	770.92	0		
"2014-06-23	15:00:00"	8.35	100.7	28.64	16.51	5.962	97.1	38.46	12.93	87.8	89.2	-1.454	42.07	43.99	26.407	866.06	0		
"2014-06-23	16:00:00"	8.15	104.1	31.56	17.1	5.798	102.1	41.03	12.93	89.3	90.8	-1.495	39.99	41.95	26.401	784.14	0		
"2014-06-23	17:00:00"	7.781	106.6	30.16	19.49	5.564	103.8	39.3	12.93	90	91.2	-1.229	37.2	39.48	26.388	775.46	0		
"2014-06-23	18:00:00"	9.11	105.7	23.36	17.1	6.366	103	31.99	14.72	89.3	90.3	-1.071	37.97	40.22	26.373	465.8	0		
"2014-06-23	19:00:00"	10.66	121.1	15.81	18.3	7.042	120.5	22.87	12.93	88.2	89	-0.79	38.85	41.18	26.364	347.19	0		
"2014-06-23	20:00:00"	11.89	116.4	11.04	19.49	7.602	117.1	18.39	14.12	86.4	86.5	-0.148	41.16	43.74	26.356	135.14	0		
"2014-06-23	21:00:00"	11.96	122.1	9.2	18.89	7.286	122.3	17.24	13.52	84.3	84	0.216	46.16	48.31	26.362	39.622	0		
"2014-06-23	22:00:00"	10.12	122.5	9.29	14.72	6.013	122.2	16.65	9.95	81.6	81	0.576	52.94	54.58	26.374	0.21365	0		
"2014-06-23	23:00:00"	12.76	132.7	8.52	20.68	7.457	132.9	17.3	15.31	80.6	80.1	0.452	56.6	57.61	26.4	0	0		
"2014-06-24	00:00:00"	10.47	121.3	9.4	19.49	6.356	120.2	17.25	13.52	79.73	79.46	0.27	59.66	59.99	26.438	0	0		
"2014-06-24	01:00:00"	17.04	259.8	69.57	42.15	12.37	257.6	68.6	33.21	72.87	72.58	0.283	63.53	64.06	26.454	0.00298	0.15		
"2014-06-24	02:00:00"	8.1	327.1	75.32	23.07	5.497	325	75.5	18.3	71.49	68.1	3.39	57.22	69.87	26.397	0.00037	0.07		
"2014-06-24	03:00:00"	14.07	94.6	60.28	31.42	8.43	92.5	61.86	20.68	74.01	72.12	1.893	49.98	56.57	26.353	0	0.01		
"2014-06-24	04:00:00"	9.2	74.48	26.84	15.31	5.304	69.09	31.75	9.35	70.79	69.95	0.832	63.05	64.1	26.365	0	0		
"2014-06-24	05:00:00"	6.972	147.5	36.34	12.33	3.875	147.1	46.05	8.16	68.67	67.86	0.804	72.82	72.55	26.366	0	0		
"2014-06-24	06:00:00"	3.974	248.4	57.98	9.95	2.511	264.6	73.49	6.964	67.77	66.83	0.941	78.79	78.06	26.371	0	0		
"2014-06-24	07:00:00"	4.425	359.1	34.69	7.561	2.469	2.413	46.23	6.368	67.36	66.31	1.049	78.69	78.73	26.391	1.1395	0		
"2014-06-24	08:00:00"	2.849	38.85	70.24	6.368	1.231	89.4	73.82	4.578	67.72	66.34	1.387	77.25	79.85	26.385	33.997	0		
"2014-06-24	09:00:00"	2.496	287.1	59.45	4.578	1.544	284.2	62.57	3.982	72.13	72.21	-0.079	66.9	67.13	26.381	244.81	0		
"2014-06-24	10:00:00"	5.554	181.3	49.84	14.72	3.758	179.6	52.62	10.54	76.83	77.89	-1.054	52.89	53.57	26.433	471.04	0		
"2014-06-24	11:00:00"	8.21	176.1	16.29	13.52	5.375	178.7	22.91	10.54	76.67	77.9	-1.225	56.54	56.21	26.485	550.51	0		
"2014-06-24	12:00:00"	13.73	148	13.94	20.68	8.52	148.6	21.14	15.31	77.4	78.86	-1.467	57.91	57.72	26.489	716.58	0		
"2014-06-24	13:00:00"	12.67	149.9	14.45	20.09	7.893	149.3	21.87	15.31	80.6	82.2	-1.592	49.91	50.94	26.487	867.35	0		
"2014-06-24	14:00:00"	10.36	152.5	23.38	17.7	6.769	153.1	30.07	13.52	83.3	84.7	-1.425	44.51	46.31	26.482	910.77	0		
"2014-06-24	15:00:00"	10.97	146.8	20.69	19.49	7.08	146.8	28.06	14.72	85.5	86.9	-1.419	38.43	40.98	26.467	909.32	0		
"2014-06-24	16:00:00"	11.23	155.7	21.55	18.3	7.24	157.6	27.6	14.12	86.5	88	-1.538	36.15	38.36	26.451	861.92	0		
"2014-06-24	17:00:00"	10.15	170.8	25.21	17.7	6.663	174.3	32.54	14.12	87.4	88.6	-1.204	33.55	35.81	26.438	764.67	0		
"2014-06-24	18:00:00"	8.51	166.6	23.87	15.91	5.675	170.9	29.95	12.33	87.8	88.7	-0.848	30.52	33.04	26.418	543.41	0		
"2014-06-24	19:00:00"	8.97	145.7	11.26	13.52	5.5	147.5	19.14	10.54	86.7	86.8	-0.115	31.12	34.35	26.401	220.57	0		
"2014-06-24	20:00:00"	10.83	143.7	10.64	16.51	6.321	144.9	18.48	11.74	85.7	85.4	0.281	32.07	35.41	26.374	133.3	0		
"2014-06-24	21:00:00"	12.55	144.8	9.54	23.07	7.175	145.8	17.61	15.91	84.4	84	0.351	33.86	36.78	26.374	68.159	0		
"2014-06-24	22:00:00"	14.08	138.4	8.32	20.68	8.26	139.3	16.66	16.51	80.5	80.1	0.395	46.54	48.53	26.379	3.2743	0		
"2014-06-24	23:00:00"	13.74	140.5	8.79	21.28	7.988	140.8	17.13	15.91	77.78	77.38	0.407	60.82	61.19	26.38	0	0		
"2014-06-25	00:00:00"	11.64	142.1	8.03	17.7	6.775	142.1	15.95	12.33	75.26	74.77	0.493	65.91	65.76	26.38	0	0		
"2014-06-25	01:00:00"	11.95	145.3	8.26	18.3	6.865	145.3	16.78	12.33	73.67	73.19	0.475	70.61	69.54	26.375	0	0		
"2014-06-25	02:00:00"	12.79	142.9	9.1	18.89	7.383	143.8	17.82	13.52	72.35	71.97	0.382	77.47	75.18	26.373	0	0		
"2014-06-25	03:00:00"	12.09	146.7	8.62	18.89	6.831	146.9	17.14	14.72	70.9	70.56	0.339	82.2	79.1	26.363	0	0		
"2014-06-25	04:00:00"	9.09	144.3	10.38	13.52	5.145	143.2	17.7	9.95	69.57	69.12	0.448	84.6	81.4	26.348	0	0		
"2014-06-25	05:00:00"	8.83	134.5	9.81	14.72	5.086	133.1	17.97	10.54	68.5	68.06	0.437	87.3	83.8	26.342	0	0		
"2014-06-25	06:00:00"	9.94	100.9	18.62	15.31	6.063	98.5	23.82	11.74	67.31	67.07	0.244	88.8	84.5	26.342	0	0		
"2014-06-25	07:00:00"	11.48	89.7	11.06	17.7	7.136	87.2	19.57	12.33	66.34	66.23	0.11	90	85.1	26.348	1.7332	0		
"2014-06-25	08:00:00"	10.89	112.8	12.61	17.1	7.123	111.2	19.58	12.93	67.2	67.32	-0.121	89.6	84.5	26.367	30.465	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-25	09:00:00"	13.07	134.9	10.14	19.49	7.829	134.6	18.47	14.72	68.41	68.72	-0.307	87.9	82.7	26.375	77.598	0		
"2014-06-25	10:00:00"	11.78	140.4	14.03	18.89	7.192	140.9	20.83	14.12	71.39	72.49	-1.091	80.9	75.69	26.395	312.93	0		
"2014-06-25	11:00:00"	10.84	52.27	26.55	26.05	6.243	44.84	28.14	18.89	72.67	73.28	-0.606	77.18	73.88	26.44	177.89	0		
"2014-06-25	12:00:00"	20	72.79	15.65	32.01	12.36	68.84	23	23.66	71.77	72.44	-0.661	78.62	74.57	26.44	231.83	0		
"2014-06-25	13:00:00"	16.42	77.9	21.26	30.82	10.32	75.14	27.3	20.68	70.79	71.06	-0.274	79.67	76.12	26.439	89.019	0		
"2014-06-25	14:00:00"	13.02	128.1	46.83	23.07	8.17	129.7	50.06	16.51	70	69.77	0.229	84.4	81.8	26.409	112.29	0.07		
"2014-06-25	15:00:00"	17.01	133.2	13.12	26.05	10.24	133.2	19.9	20.68	76.22	76.93	-0.713	68.74	69	26.375	813.14	0		
"2014-06-25	16:00:00"	16.29	132.7	12.33	26.05	9.92	131.4	19.61	17.7	82.8	83.9	-1.113	45.96	49.21	26.367	877.74	0		
"2014-06-25	17:00:00"	12.37	157.2	12.52	17.7	7.463	158.5	19.5	12.93	86.2	86.5	-0.367	34.4	38.85	26.372	493.29	0		
"2014-06-25	18:00:00"	15.39	177.3	12.53	23.66	9.2	180.2	19.44	17.7	84.9	85	-0.1	37.72	41.3	26.374	308.39	0		
"2014-06-25	19:00:00"	17.18	198.1	11.19	24.86	10.71	200.5	15.85	18.3	81.3	81.4	-0.117	54.35	55.56	26.37	198.28	0		
"2014-06-25	20:00:00"	16.07	208	10.05	24.26	10.52	208.9	14.33	17.7	79.61	79.72	-0.109	58.34	58.68	26.348	229.05	0		
"2014-06-25	21:00:00"	10.47	187.5	19.52	19.49	6.281	188.2	24.47	14.72	76.75	76.53	0.223	66.4	66.24	26.341	52.092	0		
"2014-06-25	22:00:00"	5.5	110.6	17.28	8.16	2.51	100.3	22.63	5.175	73.4	72.24	1.16	75.13	75.47	26.323	1.6634	0		
"2014-06-25	23:00:00"	5.065	113.4	12.8	8.16	2.149	110.3	16.56	5.771	71.57	69.87	1.705	79.82	80.7	26.321	0	0		
"2014-06-26	00:00:00"	6.328	123	7.799	9.95	2.983	115.1	15.72	6.368	70.88	69.41	1.474	82.3	82.3	26.335	0	0		
"2014-06-26	01:00:00"	7.354	135.1	7.975	10.54	3.575	132.6	15.77	6.368	70.7	69.64	1.052	83.7	82.5	26.341	0	0		
"2014-06-26	02:00:00"	6.277	145.2	9.24	8.75	2.603	139	17.21	3.982	69.97	68.56	1.406	85.3	84.7	26.326	0	0		
"2014-06-26	03:00:00"	7.223	173.1	17.83	12.33	3.587	172	25.88	8.75	70.2	68.82	1.381	84.1	84	26.309	0	0		
"2014-06-26	04:00:00"	7.008	188.5	7.506	11.74	3.518	190.7	14.81	8.16	70.41	69.35	1.057	83.9	82.4	26.301	0	0		
"2014-06-26	05:00:00"	5.947	169.4	8.56	10.54	2.419	165.9	18.26	6.964	68.8	67.38	1.426	88	86.5	26.286	0	0		
"2014-06-26	06:00:00"	7.451	179.5	10.77	11.14	3.931	183.4	18.15	8.75	67.99	67.35	0.634	90.8	87.6	26.275	0	0		
"2014-06-26	07:00:00"	5.183	136	27.38	7.561	2.355	122.7	32.75	5.771	66.58	65.7	0.88	94	89.4	26.274	0.93188	0		
"2014-06-26	08:00:00"	7.154	123.3	12.16	11.14	4.276	122.3	18.85	7.561	66.38	66.31	0.075	96.2	91.4	26.285	15.163	0		
"2014-06-26	09:00:00"	9.6	147.8	10.98	14.72	5.627	150.8	19.4	11.14	67.79	68.16	-0.374	96.3	91.5	26.3	145.24	0		
"2014-06-26	10:00:00"	9.61	171.7	13.36	14.12	5.884	174.5	20.45	12.33	73.43	74.22	-0.783	79.83	77.12	26.318	367.15	0		
"2014-06-26	11:00:00"	8.42	181.5	15.86	14.72	5.798	185.3	22.67	11.14	79.5	80.7	-1.162	60.77	59.83	26.334	700.19	0		
"2014-06-26	12:00:00"	10.08	193.8	15.57	17.7	6.924	196.8	20.3	13.52	83.3	84.2	-0.928	46.03	47.84	26.344	766.06	0		
"2014-06-26	13:00:00"	12.69	193.3	14.92	21.28	8.35	196.6	19.14	16.51	86.4	87.6	-1.201	37.65	40.13	26.344	864.37	0		
"2014-06-26	14:00:00"	11.08	191.2	19.04	21.28	7.553	193.6	23.33	16.51	88.8	90	-1.196	36.94	39.23	26.339	906.23	0		
"2014-06-26	15:00:00"	12.52	187.6	20.43	24.86	8.19	189.6	25.45	20.09	91	92.3	-1.346	35.94	38.24	26.321	900.94	0		
"2014-06-26	16:00:00"	11.85	175.7	20.39	18.89	7.624	177.8	25.96	14.72	92.4	93.9	-1.438	33.36	35.59	26.304	856.05	0		
"2014-06-26	17:00:00"	10.69	170.3	23.18	21.28	7.031	172.7	29.71	16.51	93.5	94.8	-1.314	30.8	33.07	26.28	755.94	0		
"2014-06-26	18:00:00"	10.99	170.3	21.33	23.07	6.997	171.7	27.91	15.91	94.2	95.3	-1.129	29.59	32.04	26.268	607.87	0		
"2014-06-26	19:00:00"	12.76	163.5	13.86	20.68	7.773	164.4	21.08	14.12	93.7	94.5	-0.755	29.43	31.99	26.245	423.25	0		
"2014-06-26	20:00:00"	17.05	165.9	9.75	30.22	9.88	166.6	18.38	21.28	91.6	91.7	-0.074	33.33	36.09	26.234	227.64	0		
"2014-06-26	21:00:00"	18.18	164.1	9.24	30.22	10.41	164.7	17.75	21.28	87.2	87.1	0.17	41.41	44.16	26.229	56.733	0		
"2014-06-26	22:00:00"	15.72	159.6	9.17	25.45	9	159.8	17.65	18.3	84.5	83.9	0.553	46.4	49	26.219	0.5707	0		
"2014-06-26	23:00:00"	18.55	162.4	8.63	29.63	10.75	162.1	16.84	21.87	81.5	81.1	0.37	52.37	53.76	26.227	0	0		
"2014-06-27	00:00:00"	17.69	161.3	8.49	29.03	10.22	161.3	16.85	18.3	78.57	78.21	0.353	58.14	58.6	26.229	0	0		
"2014-06-27	01:00:00"	17.87	164	8.84	29.63	10.27	164.4	16.9	21.28	76.43	76.1	0.327	63.4	63.06	26.22	0	0		
"2014-06-27	02:00:00"	16.24	169.6	9.6	23.66	9.21	170.4	17.27	17.7	74.9	74.57	0.332	67.88	66.86	26.211	0	0		
"2014-06-27	03:00:00"	17.43	165.7	9.13	26.65	9.97	166.1	17.46	17.7	73.82	73.51	0.314	70.93	69.4	26.191	0	0		
"2014-06-27	04:00:00"	16.29	171.8	9.42	24.26	9.22	172.8	18.39	15.91	72.97	72.63	0.34	72.83	70.99	26.174	0	0		
"2014-06-27	05:00:00"	14.53	175.8	9	23.07	8.33	177.7	17.83	15.91	72.15	71.81	0.343	76.71	74.25	26.16	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-27	06:00:00"	13.17	179.4	8.88	20.68	7.564	181.9	17.14	14.12	71.57	71.17	0.398	78.81	76.24	26.155	0	0		
"2014-06-27	07:00:00"	10.13	188.4	9.7	17.7	6.002	190.8	16.08	11.14	70.93	70.46	0.471	79.9	77.3	26.154	2.9487	0		
"2014-06-27	08:00:00"	10.76	190.4	8.69	18.3	6.65	193.5	15.69	13.52	71.9	71.74	0.157	77.81	74.85	26.153	104.2	0		
"2014-06-27	09:00:00"	13.84	189.3	9.39	20.09	8.67	191.7	16.11	15.31	74.71	74.97	-0.258	69.97	68	26.174	205.25	0		
"2014-06-27	10:00:00"	13.52	199.9	10.21	20.09	8.9	200.8	15.58	13.52	78.48	79.29	-0.805	60.89	59.83	26.191	444.36	0		
"2014-06-27	11:00:00"	13.24	211.1	10.96	19.49	8.81	210.8	14.98	15.31	81.9	82.4	-0.476	51.32	52.4	26.204	404.91	0		
"2014-06-27	12:00:00"	13.65	212.1	10.45	19.49	9.02	211.9	14.49	14.72	85	85.3	-0.304	42.1	44.79	26.209	447.95	0		
"2014-06-27	13:00:00"	14.92	213.3	16.79	23.07	10.23	212.3	18.84	18.3	91.6	92.5	-0.894	28.83	31.25	26.219	851.49	0		
"2014-06-27	14:00:00"	14.21	240.7	13.37	24.26	11.04	237.7	16.19	20.68	96	96.6	-0.552	17.88	19.83	26.221	908.17	0		
"2014-06-27	15:00:00"	14.19	240.7	17.72	24.86	10.73	237	18.69	19.49	98.3	99	-0.738	15.27	16.88	26.212	923.94	0		
"2014-06-27	16:00:00"	17.02	243.4	15.78	30.22	13.04	241.2	17.84	24.26	99.7	100.5	-0.785	13.97	15.5	26.194	822.38	0		
"2014-06-27	17:00:00"	19.05	237.6	13.01	30.22	14.49	235.8	15.34	25.45	100.3	101.1	-0.771	13.51	14.85	26.173	781.54	0		
"2014-06-27	18:00:00"	20.61	239.5	10.93	35.59	15.8	236.4	13.33	26.05	100.2	100.7	-0.527	12.06	13.16	26.155	627.88	0		
"2014-06-27	19:00:00"	18.82	240.4	11.04	30.82	14.33	237.6	12.92	24.86	100	100.1	-0.162	9.41	10.16	26.141	441.95	0		
"2014-06-27	20:00:00"	17.76	234.5	9.11	30.22	12.97	231.1	11.88	23.66	99.2	98.8	0.366	8.53	9.12	26.135	235.37	0		
"2014-06-27	21:00:00"	18.24	175.2	15.72	28.43	10.57	176.2	20.85	19.49	90.1	90	0.025	39.85	41.77	26.142	60.062	0		
"2014-06-27	22:00:00"	16.63	170.9	8.47	27.24	9.45	171.8	16.96	19.49	84.1	83.7	0.372	52.51	54.06	26.135	0.772	0		
"2014-06-27	23:00:00"	17.39	169.3	8.13	27.24	9.92	170.4	17.04	17.7	80.4	80.1	0.323	62.18	62.31	26.142	0	0		
"2014-06-28	00:00:00"	18.44	173.1	8.86	29.63	10.57	174.6	17.96	20.68	78.1	77.81	0.292	67.75	67.03	26.153	0	0		
"2014-06-28	01:00:00"	19.04	175.9	9.01	29.63	10.99	176.8	17.53	23.07	76.36	76.13	0.231	73.34	71.7	26.165	0	0		
"2014-06-28	02:00:00"	16.32	175.6	9.04	26.65	9.34	176.9	17.43	18.3	75.13	74.82	0.307	75.01	73.26	26.166	0	0		
"2014-06-28	03:00:00"	15.58	173.8	9.39	28.43	8.96	176.4	17.46	18.3	74.5	74.11	0.388	73.81	72.28	26.156	0	0		
"2014-06-28	04:00:00"	15.8	176.1	9.26	24.26	9.13	179.4	17.73	17.1	73.77	73.39	0.371	75.21	73.3	26.146	0	0		
"2014-06-28	05:00:00"	14.06	181	8.68	20.68	8.07	184	16.82	13.52	72.93	72.5	0.431	76.89	74.78	26.134	0	0		
"2014-06-28	06:00:00"	12.25	187.6	8.98	18.89	7.286	190.8	16.52	13.52	72.13	71.65	0.476	78.29	75.98	26.132	0	0		
"2014-06-28	07:00:00"	10.27	193.7	8.82	17.1	6.217	196.5	14.83	12.33	71.27	70.72	0.55	80.3	77.77	26.141	1.8448	0		
"2014-06-28	08:00:00"	8.36	199.1	9.25	13.52	5.279	202.4	14.7	9.95	71.7	71.39	0.316	79.67	76.59	26.149	79.331	0		
"2014-06-28	09:00:00"	11.39	200.3	9.01	17.1	7.358	202.4	14.57	12.33	75.01	75.44	-0.436	70.11	67.8	26.181	259.6	0		
"2014-06-28	10:00:00"	10.62	205.6	11.59	16.51	7.191	206.6	16.01	11.74	79.12	79.93	-0.816	56.84	56.48	26.218	456.69	0		
"2014-06-28	11:00:00"	8.9	215.2	15.56	14.12	6.438	216.6	17.87	11.14	84.6	85.2	-0.644	40.41	42.55	26.239	631.88	0		
"2014-06-28	12:00:00"	5.794	250.7	40.47	11.14	4.568	248.8	45.23	9.95	90.1	90.2	-0.146	28.86	31.7	26.262	783.99	0		
"2014-06-28	13:00:00"	4.91	227.3	42.65	12.33	3.978	224.1	44.21	11.14	94.4	94.2	0.211	24.47	27.38	26.279	883.88	0		
"2014-06-28	14:00:00"	4.941	244.7	46.59	11.74	3.966	248	49.51	9.35	97.7	97.4	0.295	20.38	23.32	26.287	928.76	0		
"2014-06-28	15:00:00"	6.443	258.6	51.23	14.72	5.154	257.9	56.1	12.33	99.2	99.4	-0.247	15.7	17.98	26.281	927.56	0		
"2014-06-28	16:00:00"	7.9	231.9	31.87	15.91	6.115	232	34.11	12.93	100.5	100.9	-0.421	11.73	13.36	26.276	883.02	0		
"2014-06-28	17:00:00"	9.68	238.6	24.06	18.89	7.535	237.1	24.19	15.31	100.7	101.2	-0.513	9.37	10.41	26.27	781.31	0		
"2014-06-28	18:00:00"	9.95	261.3	20.59	20.68	7.904	258.5	24.57	18.3	100.4	101.1	-0.627	9.75	10.85	26.263	625.22	0		
"2014-06-28	19:00:00"	8.02	273.2	32.08	17.1	6.454	268.7	37.69	17.1	100.6	100.9	-0.233	9.38	10.43	26.248	440.58	0		
"2014-06-28	20:00:00"	6.426	256.2	20.45	11.74	4.899	251.5	22.53	9.95	100.2	99.4	0.806	9.75	11.5	26.248	243.02	0		
"2014-06-28	21:00:00"	3.042	250.1	17.92	5.175	1.539	279.6	36.65	3.982	98.1	95.4	2.607	11.2	18.91	26.251	60.266	0		
"2014-06-28	22:00:00"	5.748	116.3	50.89	23.07	3.877	83.4	44.35	15.91	92.1	87.5	4.557	20.21	29.01	26.247	0.78239	0		
"2014-06-28	23:00:00"	15.74	158.7	10.11	27.24	8.92	160.1	18.28	20.09	84.5	84	0.48	52.83	54.5	26.261	0	0		
"2014-06-29	00:00:00"	15.59	164.2	9.55	25.45	8.96	166.8	18.18	16.51	81.1	80.8	0.362	60.25	60.73	26.279	0	0		
"2014-06-29	01:00:00"	14.12	170.8	9.14	23.66	7.977	173.4	17.48	17.1	78.97	78.6	0.373	66.17	65.81	26.281	0	0		
"2014-06-29	02:00:00"	14.16	170.9	9.12	21.87	8.09	173.6	17.84	16.51	77.26	76.89	0.367	70.51	69.57	26.28	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-29	03:00:00"	13.47	169.6	8.87	20.09	7.64	172.2	17.74	14.72	76.08	75.67	0.408	71.41	70.36	26.273	0	0		
"2014-06-29	04:00:00"	13.15	170.2	9.64	20.09	7.5	171.9	17.9	14.12	75.58	75.1	0.485	70.28	69.49	26.262	0	0		
"2014-06-29	05:00:00"	12.99	171.5	8.8	20.09	7.379	173.7	17.73	14.12	75.43	74.86	0.575	67.78	67.44	26.265	0	0		
"2014-06-29	06:00:00"	13.27	175.7	8.92	21.28	7.459	177.1	17.88	14.72	75.1	74.55	0.554	67.21	66.72	26.269	0	0		
"2014-06-29	07:00:00"	10.86	176.6	9.07	18.3	6.198	179.9	17.31	14.72	74.28	73.63	0.644	71.76	70.76	26.279	1.9004	0		
"2014-06-29	08:00:00"	9.16	177.6	9.68	19.49	5.311	180.8	17.72	12.93	74.44	73.99	0.453	73.15	71.51	26.291	76.898	0		
"2014-06-29	09:00:00"	14.07	183.5	9.72	20.09	8.59	185.3	16.97	14.72	77	77.48	-0.478	68.53	66.35	26.315	254.91	0		
"2014-06-29	10:00:00"	15.36	185.1	9.93	21.87	9.48	186.7	17.64	15.91	80.4	81.4	-0.977	61.01	59.67	26.338	451.87	0		
"2014-06-29	11:00:00"	13.23	192.1	11.69	20.68	8.55	192.9	17.9	15.91	84.3	85.5	-1.225	51.87	51.88	26.349	625.47	0		
"2014-06-29	12:00:00"	11.76	201.4	13.66	18.3	7.944	201.8	18.31	13.52	89.3	90.5	-1.187	39.64	41.51	26.362	781.39	0		
"2014-06-29	13:00:00"	10.13	202.4	18.14	15.91	7.183	203.2	20.73	12.93	94.4	95.4	-0.988	29.84	31.98	26.378	880.37	0		
"2014-06-29	14:00:00"	9.44	204.6	22.83	18.3	6.811	205.5	25.32	12.93	98.1	99.1	-1.04	24.13	26.12	26.38	923.52	0		
"2014-06-29	15:00:00"	8.71	199.2	29.18	18.3	6.234	201.8	35.79	14.72	102.1	102.8	-0.699	16.79	18.76	26.373	924.08	0		
"2014-06-29	16:00:00"	8.87	192.9	29.24	18.3	6.292	194	36.96	13.52	103.8	104.6	-0.818	12.91	14.6	26.361	874.66	0		
"2014-06-29	17:00:00"	9.99	173	38.84	22.47	6.707	172.9	42.54	16.51	103.7	104.8	-1.041	11.65	12.99	26.348	726.72	0		
"2014-06-29	18:00:00"	10.12	182.2	30.79	27.84	6.665	185.3	35.68	18.89	102.9	103.7	-0.801	12.22	13.66	26.336	563.05	0		
"2014-06-29	19:00:00"	15.46	158	16.91	30.82	9.33	159.6	22.93	20.09	101.3	102.2	-0.924	18.5	20.05	26.32	429.09	0		
"2014-06-29	20:00:00"	21.31	160.5	10.53	31.42	12.34	161.8	18.23	21.87	96.2	96.5	-0.283	29.33	31.57	26.317	225.09	0		
"2014-06-29	21:00:00"	20.78	157	8.7	32.01	11.91	157.5	16.88	21.87	90.6	90.7	-0.006	37.77	40.38	26.321	54.247	0		
"2014-06-29	22:00:00"	18.87	159.7	8.88	27.84	11.05	159.7	16.69	21.87	86.1	85.8	0.262	45.69	47.79	26.318	0.68185	0		
"2014-06-29	23:00:00"	15.75	160.8	9.61	26.05	9.05	161.1	17.36	18.3	82.8	82.5	0.324	51.98	53.24	26.325	0	0		
"2014-06-30	00:00:00"	16.86	159.4	8.7	25.45	9.79	159.3	17.32	18.3	80.4	80.1	0.308	57.25	57.76	26.33	0	0		
"2014-06-30	01:00:00"	16.7	164.2	8.35	26.05	9.72	164.8	16.62	17.7	79.01	78.65	0.357	57.19	57.66	26.325	0	0		
"2014-06-30	02:00:00"	15.33	169.9	8.74	23.66	8.73	171	17.29	18.89	78.09	77.68	0.416	57.57	57.97	26.31	0	0		
"2014-06-30	03:00:00"	14.8	172.9	8.86	23.07	8.49	174.1	17.5	15.91	77.65	77.18	0.465	57.6	58.05	26.298	0	0		
"2014-06-30	04:00:00"	13.76	176.1	8.69	20.68	8.05	177.3	17.49	14.72	77.16	76.68	0.489	57.89	58.29	26.29	0	0		
"2014-06-30	05:00:00"	14.06	175.9	8.51	22.47	8.06	177.4	17.91	15.31	76.76	76.22	0.538	58.61	58.97	26.285	0	0		
"2014-06-30	06:00:00"	13.85	172.3	9.35	20.68	7.904	173	17.23	14.12	75.85	75.35	0.506	61.11	61.01	26.28	0	0		
"2014-06-30	07:00:00"	13.52	171	8.77	20.68	7.68	171.5	17.9	14.72	74.32	73.9	0.424	68.67	67.33	26.277	2.1295	0		
"2014-06-30	08:00:00"	14.12	170.2	9.2	21.87	8	171.7	18.3	15.91	74.35	74.22	0.131	72.77	70.45	26.282	75.8	0		
"2014-06-30	09:00:00"	16.33	175.3	9.42	23.66	9.6	176	17.36	17.1	76.17	76.72	-0.546	70.37	67.58	26.306	240.21	0		
"2014-06-30	10:00:00"	17.55	179.7	9.83	24.26	10.35	180.6	18.17	17.7	79.2	80.3	-1.092	63.3	61.14	26.319	440.83	0		
"2014-06-30	11:00:00"	16.45	187.2	11.58	23.07	10.29	188.1	18.42	17.7	82.9	84.3	-1.368	55.16	54.13	26.324	616.6	0		
"2014-06-30	12:00:00"	15.26	187.5	12.02	23.07	9.84	189.1	18.43	17.1	86.6	88.2	-1.548	47.92	47.97	26.328	769.04	0		
"2014-06-30	13:00:00"	14.63	188.7	13.83	24.26	9.41	190.2	19.41	16.51	90.7	92.5	-1.781	40.16	41.25	26.326	870.45	0		
"2014-06-30	14:00:00"	14.58	189.5	13.41	24.86	9.59	192	19.03	17.1	94.5	96.3	-1.755	34.14	35.56	26.318	916.47	0		
"2014-06-30	15:00:00"	13.25	182.4	16.26	23.66	8.68	183.4	22.47	16.51	98	99.7	-1.742	27.89	29.46	26.304	915.79	0		
"2014-06-30	16:00:00"	11.57	179.1	26.03	24.86	7.642	180.1	32.82	18.89	100.8	102.3	-1.481	21.9	23.58	26.292	863.08	0		
"2014-06-30	17:00:00"	10.06	178.8	27.84	17.7	6.913	182.5	31.74	12.93	102.2	103.4	-1.139	18.5	20.25	26.277	762.3	0		
"2014-06-30	18:00:00"	9.44	179.2	26.12	20.68	6.232	182.8	32.63	14.12	102.7	103.6	-0.931	16.12	17.87	26.265	621.19	0		
"2014-06-30	19:00:00"	16.83	172.2	16.24	33.8	10.1	173.2	22.56	22.47	100.7	101.7	-1.015	21.3	22.95	26.252	405.75	0		
"2014-06-30	20:00:00"	22.74	169.4	9.6	35	13.02	170.3	17.5	25.45	93.9	94.3	-0.411	36.51	38.93	26.252	175.53	0		
"2014-06-30	21:00:00"	20.79	167.5	9.68	30.22	12.28	168.4	17.34	22.47	89.7	89.9	-0.168	43.49	45.65	26.236	83.962	0		
"2014-06-30	22:00:00"	17.34	158	10.44	29.03	10.08	158.6	18.32	21.28	84.3	84.1	0.175	51.14	52.4	26.241	0.74666	0		
"2014-06-30	23:00:00"	15.11	163.7	9.23	26.65	8.62	164.3	17.75	20.09	80.8	80.6	0.255	57.38	57.74	26.247	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-01	00:00:00"	15.47	166.7	8.94	24.86	9.01	166.9	17.25	17.7	79.35	79.05	0.298	59.33	59.48	26.24	0	0		
"2014-07-01	01:00:00"	11.53	151.2	23.93	21.28	6.721	149.7	31.55	15.31	78.54	78.14	0.402	59.62	59.83	26.25	0	0		
"2014-07-01	02:00:00"	11.8	160.9	17.89	20.09	6.753	161.5	24.3	13.52	77.67	77.15	0.525	59.9	60.22	26.239	0	0		
"2014-07-01	03:00:00"	10.38	166.7	10.75	17.1	5.921	167	17.96	11.74	76.87	76.38	0.495	60.61	60.73	26.225	0	0		
"2014-07-01	04:00:00"	11.22	165.7	9.73	17.7	6.396	166.1	18.14	12.33	76.71	76.25	0.46	59.86	59.99	26.207	0	0		
"2014-07-01	05:00:00"	10.6	165.9	9.19	17.1	6.03	167.1	17.9	11.14	75.87	75.35	0.526	60.01	60.15	26.198	0	0		
"2014-07-01	06:00:00"	11.51	134	21.58	22.47	6.711	133.6	27.57	15.91	75.47	75.03	0.446	58.19	58.39	26.211	0	0		
"2014-07-01	07:00:00"	18.64	168.5	9.79	29.63	10.79	169.6	17.35	20.09	75.77	75.4	0.371	54.01	54.43	26.197	0.57452		0	
"2014-07-01	08:00:00"	14.47	66.29	72.56	35.59	8.84	59.9	73.52	26.65	77.87	77.61	0.254	52.97	53.66	26.261	48.904		0	
"2014-07-01	09:00:00"	21.68	82.5	12.85	32.61	13.42	80.1	21.57	23.66	76.33	76.65	-0.321	56.29	55.62	26.315	169.16		0	
"2014-07-01	10:00:00"	24.85	98	12.91	35.59	15.95	96.6	20.35	27.84	76.57	77.43	-0.865	64.45	61.94	26.308	373.7		0	
"2014-07-01	11:00:00"	25.49	122.2	9.97	38.57	15.5	122.2	17.43	27.84	76.56	76.93	-0.376	67.03	64.95	26.299	161.34		0	
"2014-07-01	12:00:00"	14.03	124.8	13.02	23.66	8.81	124.2	20.59	17.1	78.09	78.6	-0.508	64.06	62.54	26.353	234.08		0	
"2014-07-01	13:00:00"	10.06	115.5	24.48	17.7	6.746	114.3	29.63	13.52	80.9	81.9	-1.071	59.74	58.37	26.379	447.2		0	
"2014-07-01	14:00:00"	10.93	89.9	21.37	20.09	7.623	88.2	28.48	14.72	84.6	86.5	-1.936	52.21	51.47	26.392	870.36		0	
"2014-07-01	15:00:00"	9.73	83.9	21.96	18.3	6.745	78.83	30.96	13.52	87.3	89.2	-1.943	46.3	46.78	26.393	943.26		0	
"2014-07-01	16:00:00"	11.67	87.1	21.19	21.87	7.991	84	27.4	16.51	88.4	90.1	-1.667	42.68	43.88	26.388	608.88		0	
"2014-07-01	17:00:00"	12.4	88.1	18.3	24.86	8.37	85.2	26.05	15.31	88.9	90.2	-1.258	40.97	42.83	26.374	470.34		0	
"2014-07-01	18:00:00"	12.04	82.2	16.41	23.07	7.939	78.28	24.33	15.91	90.1	91.3	-1.15	38.06	40.21	26.363	385.8		0	
"2014-07-01	19:00:00"	15.41	96.1	13.77	26.05	10.2	94.3	21.67	20.68	89.7	90.4	-0.735	38.29	40.49	26.343	331.41		0	
"2014-07-01	20:00:00"	13.99	108	11.18	22.47	9.28	106.5	19.23	17.1	89.3	89.6	-0.268	37.21	39.61	26.352	187.09		0	
"2014-07-01	21:00:00"	12.56	115.3	10.27	20.68	7.966	114.3	17.63	15.31	87.4	87.2	0.129	37.88	40.44	26.351	33.326		0	
"2014-07-01	22:00:00"	10.2	118	7.828	16.51	6.216	117.1	15.77	11.14	85.1	84.6	0.506	39.88	42.72	26.365	0.38902		0	
"2014-07-01	23:00:00"	12.06	127	8.82	18.3	7.122	125.8	16.62	12.33	84.6	84.3	0.312	37.09	39.53	26.396	0	0		
"2014-07-02	00:00:00"	14	128.4	8.88	22.47	8.28	127.6	17.11	15.91	83.3	82.9	0.389	36.31	38.54	26.396	0	0		
"2014-07-02	01:00:00"	10.19	131	10.15	17.1	5.996	130.5	17.96	12.33	80.9	80.5	0.418	40.66	42.68	26.392	0	0		
"2014-07-02	02:00:00"	7.783	113.8	25.7	14.72	4.711	111.4	30.33	9.95	79.07	78.63	0.445	45.18	46.67	26.395	0	0		
"2014-07-02	03:00:00"	6.088	76.95	11.27	8.75	3.456	69.91	19.93	5.771	76.92	76.15	0.767	48.74	50.32	26.398	0	0		
"2014-07-02	04:00:00"	5.304	122.1	16.67	8.16	2.613	114.9	25.27	5.175	76.89	75.25	1.637	46.67	50.26	26.383	0	0		
"2014-07-02	05:00:00"	6.513	143	8.73	11.74	3.397	139.2	16.33	7.561	76.33	75.24	1.085	46.63	48.81	26.385	0	0		
"2014-07-02	06:00:00"	5.337	140.2	11.65	8.16	2.455	130.1	20.49	4.578	74.53	73.03	1.5	52.4	54.39	26.392	0	0		
"2014-07-02	07:00:00"	4.817	93.5	12.42	8.16	2.826	82.2	20.24	4.578	73.82	72.96	0.858	59.96	59.75	26.42	0.21528		0	
"2014-07-02	08:00:00"	3.187	92.7	28.23	6.964	1.694	80.7	33.54	3.386	73.61	73.01	0.605	66.49	65.48	26.447	15.218		0	
"2014-07-02	09:00:00"	7.204	35.92	11.9	10.54	4.336	32.87	14.4	9.35	74.19	74.15	0.044	65.6	64.18	26.478	67.998		0	
"2014-07-02	10:00:00"	16.36	14.92	10.62	28.43	11.87	13.72	15	24.26	71.84	72.27	-0.428	65.27	62.63	26.502	97.118		0	
"2014-07-02	11:00:00"	19.74	17.43	11.82	30.22	13.96	16.22	13.9	25.45	71.86	72.51	-0.651	60.8	58.41	26.5	306.57		0	
"2014-07-02	12:00:00"	19.91	27.28	11.88	30.22	13.03	23.27	14.54	22.47	74.06	74.83	-0.763	56.09	54.63	26.503	474.49		0	
"2014-07-02	13:00:00"	16.46	45.55	16.04	25.45	9.86	40.14	19.51	18.3	79.17	80.8	-1.654	47.88	47.47	26.509	880.43		0	
"2014-07-02	14:00:00"	14.75	68.18	17.24	23.66	9.36	64.21	24.26	16.51	82.6	84.9	-2.329	43.83	43.65	26.507	844.9		0	
"2014-07-02	15:00:00"	15.37	82.1	16.99	26.05	10.09	78.99	24.53	20.09	84.4	86.4	-1.949	39.59	40.26	26.502	732.27		0	
"2014-07-02	16:00:00"	14.42	73.57	17.25	25.45	9.32	70.53	25.27	18.3	86	88	-2.021	36.83	37.61	26.501	687.62		0	
"2014-07-02	17:00:00"	12.84	76.89	22.79	34.4	7.988	73.75	28.33	21.87	84.1	84.9	-0.828	41.93	43.16	26.481	169.01		0	
"2014-07-02	18:00:00"	28.04	56.32	47.22	53.48	16.95	51.56	50.2	41.56	67.14	66.4	0.746	78.85	81.5	26.439	28.286	0.76		
"2014-07-02	19:00:00"	19.09	172.1	14.9	32.01	10.75	173.9	21.57	20.09	65.42	64.06	1.354	83.2	87.2	26.421	20.728	1.27		
"2014-07-02	20:00:00"	12.06	151.6	27.81	31.42	6.818	149.9	35.62	19.49	67.79	65.98	1.812	77.34	80.8	26.409	8.9408	0.59		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-02	21:00:00"	8.57	28.25	24.55	14.12	5.531	22.86	24.95	11.14	70.71	69.39	1.322	76.23	77.68	26.4	2.3619	0.02		
"2014-07-02	22:00:00"	11.71	9.4	20.64	20.68	8.29	5.292	21.85	15.91	70.79	70.39	0.396	79.81	78.01	26.436	0.03042	0.01		
"2014-07-02	23:00:00"	12.77	1.89	19.27	23.07	9.25	358.2	21.27	19.49	68.87	68.71	0.159	87.7	84.3	26.464	0	0.01		
"2014-07-03	00:00:00"	15.14	24.44	9.86	22.47	10.13	22.31	12.11	18.89	69.17	69	0.161	86.5	82.8	26.48	0	0.01		
"2014-07-03	01:00:00"	6.967	47.46	74.57	12.33	4.073	42.16	81	8.75	70.32	69.4	0.913	82.4	82.2	26.49	0	0.04		
"2014-07-03	02:00:00"	5.29	325.4	56.86	9.95	3.598	318.1	60.87	7.561	70.46	69.78	0.689	82.3	81.3	26.505	0	0		
"2014-07-03	03:00:00"	4.623	336.6	56.9	9.95	3.072	339.3	61.3	6.368	68.45	67.96	0.495	87.1	85.1	26.506	0	0.01		
"2014-07-03	04:00:00"	8.65	35.31	16.44	15.31	5.327	30.82	18.49	10.54	69.02	68.68	0.341	85.8	82.7	26.487	0	0		
"2014-07-03	05:00:00"	9.45	56.27	8.34	15.31	5.795	53.98	15.63	9.95	67.83	67.63	0.199	89.5	85.5	26.476	0	0		
"2014-07-03	06:00:00"	10.06	57.49	9.75	15.91	5.994	52.9	16.77	11.14	67.42	67.28	0.143	91.5	87.1	26.48	0	0		
"2014-07-03	07:00:00"	8.41	68.06	8.6	12.93	5.212	63.99	16.95	9.95	66.86	66.72	0.146	92.9	88.5	26.483	0.53582	0		
"2014-07-03	08:00:00"	8.46	56.58	11.14	12.93	4.896	51.45	18.58	9.35	67.19	67.06	0.128	91.4	87.3	26.49	38.419	0		
"2014-07-03	09:00:00"	10.17	64.08	10.4	14.72	5.901	54.09	17.84	10.54	69.39	70.08	-0.684	86.8	82.5	26.509	246.08	0		
"2014-07-03	10:00:00"	10.84	74.94	12.37	16.51	6.939	67.57	21.28	12.93	72.42	73.76	-1.343	78.33	74.97	26.529	435.24	0		
"2014-07-03	11:00:00"	8.36	115	18.77	15.31	5.668	113.1	25.12	12.33	76.35	77.84	-1.484	65.93	64.56	26.541	608.79	0		
"2014-07-03	12:00:00"	9.27	139.5	18.73	17.1	5.974	139.3	26.55	12.33	79.31	80.9	-1.563	58.67	58.56	26.551	755.83	0		
"2014-07-03	13:00:00"	10.43	134.5	18.23	20.09	6.909	133	25.64	16.51	82.3	83.7	-1.315	49.79	51.87	26.557	827.82	0		
"2014-07-03	14:00:00"	11.79	146.3	15.14	23.66	7.451	146.4	22.4	18.3	84.8	86.1	-1.289	41.05	44.88	26.553	850.64	0		
"2014-07-03	15:00:00"	12.18	150.4	17.01	21.87	7.545	150.8	24.21	14.72	86.6	88	-1.37	36.93	41.11	26.545	886.78	0		
"2014-07-03	16:00:00"	11.79	153.2	22.79	19.49	7.321	155.3	28.48	14.12	87.6	88.6	-0.993	34	38.3	26.527	736.68	0		
"2014-07-03	17:00:00"	16.01	129.2	14.67	27.24	9.85	128.5	21.79	20.09	87	88.1	-1.073	37.89	41.73	26.512	752.13	0		
"2014-07-03	18:00:00"	17.36	133.5	12.22	27.84	10.38	133.7	19.95	18.89	86.1	86.8	-0.686	38.04	41.82	26.5	538.5	0		
"2014-07-03	19:00:00"	19.08	129	10.83	30.82	11.42	127.2	18.53	23.66	84.8	85.3	-0.486	39.76	43.09	26.484	422.25	0		
"2014-07-03	20:00:00"	16.5	138.1	11.11	25.45	9.78	137.3	18.91	18.89	84.5	84.3	0.247	37.61	41.41	26.475	229.18	0		
"2014-07-03	21:00:00"	13.33	146.8	9.01	22.47	7.469	145.4	17.81	15.91	83.5	82.8	0.779	36.61	40.9	26.474	56.278	0		
"2014-07-03	22:00:00"	10.07	126.2	12.93	15.91	5.669	122.8	19.59	9.35	79.58	78.36	1.221	45.18	49.46	26.473	0.6053	0		
"2014-07-03	23:00:00"	8.47	109.2	7.271	11.74	4.745	104.1	16.25	8.16	76.43	75.12	1.312	54.1	57.71	26.491	0	0		
"2014-07-04	00:00:00"	7.437	115.3	8.57	9.35	3.734	107.3	14.85	6.368	74.54	72.63	1.911	57.84	62.8	26.506	0	0		
"2014-07-04	01:00:00"	7.506	125.9	6.007	9.95	3.484	113.3	13.13	5.175	72.71	70.23	2.481	57.26	64.21	26.506	0	0		
"2014-07-04	02:00:00"	7.561	132.9	7.31	9.95	3.347	120.6	15.46	5.771	71.12	68.59	2.532	57.71	64.17	26.499	0	0		
"2014-07-04	03:00:00"	8.11	125.1	7.763	12.93	4.069	116.9	15.62	9.35	70.55	68.57	1.979	58.53	62.92	26.494	0	0		
"2014-07-04	04:00:00"	7.897	90.2	17.23	10.54	4.265	83	22.72	6.964	68.46	67.25	1.215	65.1	66.47	26.493	0	0		
"2014-07-04	05:00:00"	8.37	84.4	7.719	11.14	4.387	78.25	17.3	7.561	67.03	65.99	1.048	71.78	71.23	26.487	0	0		
"2014-07-04	06:00:00"	7.583	98.2	11.97	11.14	4.523	95.2	18.68	7.561	66.25	65.48	0.773	80.4	77.82	26.484	0	0		
"2014-07-04	07:00:00"	7.913	110.1	9.3	11.14	4.719	105.9	16.99	7.561	66.13	65.33	0.801	82.5	80.1	26.49	1.4726	0		
"2014-07-04	08:00:00"	8.69	126.6	9.79	12.33	5.007	123.6	18.04	8.16	67.45	66.91	0.534	77.67	75.62	26.504	57.949	0		
"2014-07-04	09:00:00"	10.26	152.6	13.74	18.3	6.205	151.3	20.7	12.93	71.33	71.85	-0.514	68.45	66.13	26.537	238	0		
"2014-07-04	10:00:00"	14.13	166.8	10.3	20.68	8.47	167.1	18.61	14.12	74.5	75.47	-0.971	62.71	61.39	26.566	432.84	0		
"2014-07-04	11:00:00"	14.73	166.7	11.39	21.87	8.79	167.5	19.71	15.31	78.06	79.14	-1.085	54.96	55.32	26.571	607.59	0		
"2014-07-04	12:00:00"	14.59	174.5	12.75	22.47	8.88	175.1	20.12	15.91	81.3	82.4	-1.113	47.37	49.24	26.575	763.72	0		
"2014-07-04	13:00:00"	12.39	182.3	17.35	20.68	7.952	183.2	23.23	15.31	84	85.1	-1.102	41.19	44.18	26.583	861.91	0		
"2014-07-04	14:00:00"	11.66	171.3	21.83	20.68	7.369	172.1	27.82	15.31	86.2	87.3	-1.094	36.51	39.77	26.579	903.79	0		
"2014-07-04	15:00:00"	12.46	160.3	20.01	21.87	7.665	160.4	27.96	15.91	88.1	89.4	-1.235	32.74	35.93	26.568	900.48	0		
"2014-07-04	16:00:00"	12.7	158.8	20.12	22.47	7.837	159.2	26.26	17.1	89.3	90.3	-0.991	29.57	32.64	26.56	789.45	0		
"2014-07-04	17:00:00"	14.35	157.4	16.93	28.43	8.7	157.6	24.03	18.3	90	90.9	-0.959	26.75	29.7	26.549	738.46	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-04	18:00:00"	14.86	156.6	17.92	23.66	8.8	156.6	24.66	17.1	90.2	90.9	-0.755	25.11	27.99	26.533	606.52		0	
"2014-07-04	19:00:00"	15.88	159.9	13.02	24.86	9.3	160.1	20.36	18.3	89.6	89.9	-0.305	22.73	25.31	26.523	424.64		0	
"2014-07-04	20:00:00"	16.17	162	11.92	24.86	9.32	162.2	19.58	17.7	88.3	87.9	0.406	22.65	25.24	26.515	227.05		0	
"2014-07-04	21:00:00"	15	156.8	8.73	24.26	8.53	155.7	17.75	17.1	85.7	85	0.749	25.68	28.33	26.513	56.984		0	
"2014-07-04	22:00:00"	10.87	158.9	7.388	15.91	6.011	158.3	16.6	11.74	81.9	80.5	1.348	31.68	35.37	26.507	0.49502		0	
"2014-07-04	23:00:00"	8.59	149.6	7.265	11.74	4.043	143.2	16.44	7.561	78.52	76.41	2.11	36.89	42.58	26.511	0		0	
"2014-07-05	00:00:00"	8.21	143.3	7.003	11.14	3.728	134.7	15.76	6.368	75.85	73.29	2.559	42.17	48.87	26.513	0		0	
"2014-07-05	01:00:00"	8.35	145.8	7.598	11.14	3.884	140.1	16.02	6.368	74.13	71.95	2.183	44.92	50.26	26.512	0		0	
"2014-07-05	02:00:00"	7.56	158.2	6.953	10.54	3.251	152	15.8	6.368	72.83	70.38	2.444	50.47	55.64	26.507	0		0	
"2014-07-05	03:00:00"	6.965	158.8	6.541	9.95	2.85	150.7	15.88	5.175	71.39	68.68	2.716	56.93	62.16	26.499	0		0	
"2014-07-05	04:00:00"	6.61	148.9	9.91	11.14	2.819	135.5	18.62	6.368	70.57	68.16	2.412	60.33	64.67	26.493	0		0	
"2014-07-05	05:00:00"	6.834	130.1	8.51	8.75	3.175	114.8	14.44	5.175	69.02	66.79	2.229	64.65	68.34	26.49	0		0	
"2014-07-05	06:00:00"	6.826	137.4	12.3	11.74	2.961	123	20.89	7.561	68.42	66.22	2.203	66.78	69.89	26.492	0		0	
"2014-07-05	07:00:00"	6.378	125.8	11.57	8.16	2.687	108.4	16.44	4.578	66.55	64.43	2.119	70.93	73.68	26.493	1.5257		0	
"2014-07-05	08:00:00"	6.717	135.6	8.9	11.14	3.555	126.1	17.51	7.561	67.79	66.73	1.052	72.92	72.33	26.496	72.674		0	
"2014-07-05	09:00:00"	12.28	161.6	10.34	19.49	7.346	160.9	18.48	14.72	72.31	72.77	-0.455	68.44	66.08	26.521	248.62		0	
"2014-07-05	10:00:00"	14.42	168.9	11.68	21.28	8.65	170.8	19.43	15.31	75.74	76.63	-0.888	60.42	59.34	26.543	443.12		0	
"2014-07-05	11:00:00"	12.69	172.1	13.28	20.09	7.799	174.3	20.36	15.31	78.9	80	-1.114	53.8	53.8	26.541	618.06		0	
"2014-07-05	12:00:00"	11.33	171.4	14.94	17.7	7.178	173.8	22.29	12.93	82.6	83.7	-1.157	44.65	46.39	26.546	773.46		0	
"2014-07-05	13:00:00"	10.84	184	15.99	18.3	7.066	186.7	21.8	12.93	85.7	86.8	-1.041	37.18	39.81	26.552	872.85		0	
"2014-07-05	14:00:00"	8.73	191.2	27.16	15.31	6.064	194	31.07	12.33	88.5	89.2	-0.7	31.61	34.35	26.549	916.03		0	
"2014-07-05	15:00:00"	10.36	165.3	18.73	18.89	6.706	168	25.6	13.52	90.2	91.2	-0.954	28.34	31.16	26.539	912.8		0	
"2014-07-05	16:00:00"	11.87	167.7	21.79	21.28	7.5	169.4	27.61	14.72	91.1	92.2	-1.059	26.01	28.65	26.528	880.32		0	
"2014-07-05	17:00:00"	10.47	185.6	25.13	18.89	6.957	187	29.09	14.12	92.2	93	-0.797	23.08	25.61	26.511	775.03		0	
"2014-07-05	18:00:00"	11.84	163.1	21.3	19.49	7.399	164.1	28.38	14.72	91.7	92.5	-0.716	23.31	25.95	26.496	623.99		0	
"2014-07-05	19:00:00"	10.47	159.5	16.38	20.09	6.403	161.1	23.08	13.52	91.4	91.8	-0.38	23.19	25.95	26.475	424.67		0	
"2014-07-05	20:00:00"	10.51	147.2	14.18	16.51	6.131	148.2	21.43	12.93	90.2	89.7	0.51	24.33	27.55	26.467	218.74		0	
"2014-07-05	21:00:00"	11.79	148.2	9.34	17.7	6.431	149.2	17.48	14.12	87.1	86.2	0.899	27.6	30.74	26.467	41.386		0	
"2014-07-05	22:00:00"	11.92	153	8.33	21.28	6.59	153.6	17.8	14.72	83.5	82.3	1.137	33.41	36.76	26.46	0.33559		0	
"2014-07-05	23:00:00"	13.9	157.2	8.62	22.47	7.909	158.2	17.1	15.31	81.2	80.5	0.761	39.07	42.02	26.468	0		0	
"2014-07-06	00:00:00"	13.49	160.7	8.81	23.66	7.793	161.5	17.36	15.91	79.21	78.54	0.668	43.07	45.5	26.471	0		0	
"2014-07-06	01:00:00"	12.3	168.8	8.74	20.09	6.879	170	17.52	15.31	77.21	76.52	0.687	48.47	50.29	26.465	0		0	
"2014-07-06	02:00:00"	11.15	171.9	8.73	17.7	6.414	174.4	17.49	12.33	75.75	75.13	0.625	52.04	53.38	26.449	0		0	
"2014-07-06	03:00:00"	10.37	174.8	8.24	17.7	5.907	175.9	16.75	12.33	74.15	73.43	0.724	55.81	56.7	26.434	0		0	
"2014-07-06	04:00:00"	8.29	165.6	8.03	12.33	4.338	164.3	16.24	8.16	72.66	71.65	1.011	59.64	60.61	26.419	0		0	
"2014-07-06	05:00:00"	8.18	158.9	8.97	13.52	4.247	156.8	17.61	9.95	71.93	70.92	1.011	62.28	62.94	26.406	0		0	
"2014-07-06	06:00:00"	6.719	158.3	7.812	9.35	3.13	155.5	16.99	6.368	70.61	69.13	1.484	66.12	67.38	26.4	0		0	
"2014-07-06	07:00:00"	4.309	96.9	66.07	7.561	2.262	91.9	77.51	5.771	69.69	68.21	1.48	68.84	70.09	26.405	0.99754		0	
"2014-07-06	08:00:00"	5.074	62.91	20.28	6.964	2.721	53.34	22.08	5.771	69.65	68.71	0.934	69.46	69.7	26.423	46.417		0	
"2014-07-06	09:00:00"	4.633	71.66	17.62	8.16	3.104	66.95	24.16	6.368	71.61	71.8	-0.191	66.01	65.03	26.448	158.04		0	
"2014-07-06	10:00:00"	6.417	125.4	27.7	10.54	4.111	124.1	33.9	7.561	72.89	73.15	-0.26	64.62	63.65	26.46	173.27		0	
"2014-07-06	11:00:00"	4.973	165.2	25.14	8.75	3.274	165.8	32.97	6.368	74.58	74.89	-0.308	62.03	61.34	26.464	231		0	
"2014-07-06	12:00:00"	4.861	160.1	30.09	10.54	3.374	160.5	37.42	8.16	77.75	78.21	-0.461	57.09	56.87	26.47	417.6		0	
"2014-07-06	13:00:00"	4.824	141.4	28.12	9.95	3.4	140.9	37.82	6.368	80.4	80.8	-0.474	52.2	53.12	26.479	370.69		0	
"2014-07-06	14:00:00"	4.381	165.4	39.59	11.14	3.213	169.6	49.52	9.95	83.9	84.1	-0.169	45	47.67	26.479	487.5		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-06	15:00:00"	5.896	183.6	31.39	9.95	4.097	185.5	35.93	7.561	84.4	84.5	-0.088	40.23	43.94	26.475	306.86		0	
"2014-07-06	16:00:00"	6.095	240.3	14.41	9.95	4.823	237.9	16.52	8.16	84.4	84.4	-0.007	41.56	44.88	26.458	313.75		0	
"2014-07-06	17:00:00"	6.571	224.6	13.56	12.93	4.87	223.6	16	11.14	84.2	84.2	0.061	41.56	45	26.434	279.64		0	
"2014-07-06	18:00:00"	5.81	230	13.82	9.35	4.293	229.6	16.19	6.964	84	83.8	0.201	38.77	42.9	26.415	186.76		0	
"2014-07-06	19:00:00"	5.138	246.8	15.12	9.35	4.164	245.5	16.79	8.16	85.7	85.4	0.324	35.87	40.03	26.397	303.82		0	
"2014-07-06	20:00:00"	3.883	278.7	17.04	6.964	2.885	275.4	21.64	6.368	85.3	84.8	0.513	35.75	41.13	26.401	156.94		0	
"2014-07-06	21:00:00"	3.614	262.7	34.71	5.175	1.747	243.9	59.16	3.982	82.8	80.4	2.456	36.71	49.68	26.391	31.451		0	
"2014-07-06	22:00:00"	3.001	312.4	45.62	4.578	1.176	17.71	58.29	3.982	80.5	76.22	4.241	41.92	57.31	26.38	0.2762		0	
"2014-07-06	23:00:00"	4.615	57.73	21.09	8.16	2.611	72.23	23.05	6.368	77.58	74.45	3.13	50.45	60.26	26.385	0		0	
"2014-07-07	00:00:00"	6.901	142.5	14.19	9.35	2.335	119.6	20.23	3.982	76.21	71.68	4.532	50.92	63.37	26.395	0		0	
"2014-07-07	01:00:00"	5.983	160.1	6.985	6.964	1.265	125.9	15.91	2.789	74.92	70.56	4.36	52.23	63.6	26.4	0		0	
"2014-07-07	02:00:00"	4.312	132.1	12.12	6.368	1.363	77.75	12.28	3.386	73.3	69.96	3.336	55.62	63.05	26.393	0		0	
"2014-07-07	03:00:00"	4.548	111	9.31	6.368	2.363	71.28	11.23	3.386	72.58	70.04	2.542	57.72	62.64	26.385	0		0	
"2014-07-07	04:00:00"	7.035	135	5.546	8.75	2.753	117.1	13.53	4.578	71.4	68.61	2.785	64.15	69.3	26.377	0		0	
"2014-07-07	05:00:00"	4.97	132.1	6.502	6.964	1.086	88.5	26.95	2.789	70.13	67.26	2.867	68.46	72.82	26.365	0		0	
"2014-07-07	06:00:00"	1.85	144.7	63.37	3.982	1.011	10.72	52.85	3.982	69.5	66.97	2.53	69.62	73.52	26.355	0		0	
"2014-07-07	07:00:00"	3.584	104.3	33.9	5.175	1.654	74.1	34.78	3.982	70.08	67.11	2.971	67.6	72.82	26.356	3.3571		0	
"2014-07-07	08:00:00"	4.986	104.9	23.21	8.16	2.816	90	29.9	5.175	70.67	69.32	1.353	68.43	69.79	26.372	76.752		0	
"2014-07-07	09:00:00"	8.28	143.9	10.76	12.93	5.041	142.9	18.61	9.95	74.9	75.24	-0.341	60	59.86	26.401	249.44		0	
"2014-07-07	10:00:00"	9.07	162.6	12.96	13.52	5.622	161.9	20.91	9.95	78.6	79.55	-0.946	50.5	51.28	26.427	446.6		0	
"2014-07-07	11:00:00"	7.076	176.9	26.32	12.33	4.889	178.1	32.45	9.35	81.9	82.8	-0.858	43.98	45.83	26.439	620.41		0	
"2014-07-07	12:00:00"	6.1	147.1	44.86	13.52	4.351	146.6	53.62	10.54	85.8	86.4	-0.582	36.18	39.21	26.447	775.86		0	
"2014-07-07	13:00:00"	9.44	154	24.1	18.3	6.202	154.5	31.21	13.52	87.5	88.4	-0.9	31.63	34.31	26.45	887.45		0	
"2014-07-07	14:00:00"	9.66	154.3	24.77	17.7	6.267	153.9	32.72	12.93	89.1	90.2	-1.174	28.58	31.11	26.444	937.35		0	
"2014-07-07	15:00:00"	9.03	164.7	28.7	17.1	6.085	166.1	37.03	14.12	90.7	91.7	-0.947	25.99	28.47	26.433	923.94		0	
"2014-07-07	16:00:00"	8.58	167.6	34.37	17.7	5.797	169.4	42.65	12.93	91.7	92.4	-0.718	25.13	27.59	26.424	835.25		0	
"2014-07-07	17:00:00"	9.52	156.2	22.35	20.68	6.104	156.4	29.7	14.72	91.6	92.1	-0.544	24.48	27.2	26.404	647.14		0	
"2014-07-07	18:00:00"	9.6	150.4	23.27	17.7	5.985	149.3	30.82	12.93	91.9	92.5	-0.58	23.91	26.72	26.385	610.46		0	
"2014-07-07	19:00:00"	11.43	143.7	15.55	20.09	6.957	143	23.03	14.12	91.3	91.6	-0.303	23.72	26.41	26.371	368.83		0	
"2014-07-07	20:00:00"	10.94	143.1	13.48	20.68	6.467	141.6	20.64	15.91	90.8	90.3	0.533	23.81	26.75	26.362	240.7		0	
"2014-07-07	21:00:00"	11.76	141.7	10.2	23.07	6.61	140.5	18.76	16.51	88.1	87.3	0.778	27.66	30.49	26.357	58.683		0	
"2014-07-07	22:00:00"	9.61	140.8	8.27	13.52	4.979	137	17.09	8.16	83.9	82.4	1.513	33.3	37.21	26.361	0.62492		0	
"2014-07-07	23:00:00"	11.42	152	8.99	18.3	6.169	150.6	17.99	11.74	82	80.7	1.311	35.68	39.28	26.372	0		0	
"2014-07-08	00:00:00"	13.19	161.6	8.29	22.47	7.513	161	17.37	17.1	80.7	79.9	0.832	36.76	39.56	26.391	0		0	
"2014-07-08	01:00:00"	14.76	167.5	8.34	23.66	8.49	167.6	16.6	17.1	79.05	78.39	0.662	40.14	42.57	26.402	0		0	
"2014-07-08	02:00:00"	11.92	166.2	8.64	18.89	6.555	165.8	17.48	12.93	76.56	75.78	0.778	45.04	47.05	26.396	0		0	
"2014-07-08	03:00:00"	11.1	170.6	8.66	16.51	6.195	170.4	17.48	12.33	74.73	74.01	0.72	51.74	52.78	26.375	0		0	
"2014-07-08	04:00:00"	9.21	173.1	8.08	14.12	5.016	174.8	17.29	9.95	73.35	72.49	0.861	57.14	57.82	26.364	0		0	
"2014-07-08	05:00:00"	5.273	180.1	9.89	9.95	2.001	181.3	19.87	5.175	71.43	69.71	1.724	62.14	64.04	26.364	0		0	
"2014-07-08	06:00:00"	4.187	176.6	12.62	6.964	1.04	186.8	33.99	2.193	69.49	67.2	2.285	67.28	69.78	26.349	0		0	
"2014-07-08	07:00:00"	3.514	210.3	20.9	5.175	1.033	237	42.95	2.193	68.88	66.77	2.111	68.76	70.98	26.346	1.1565		0	
"2014-07-08	08:00:00"	3.925	181.8	10.99	6.964	1.355	165.7	18.75	5.175	70.16	68.74	1.415	67.14	68.06	26.361	69.502		0	
"2014-07-08	09:00:00"	9.54	176.2	10.37	15.31	5.806	177.8	18.39	11.14	73.52	74	-0.487	62.2	60.66	26.394	244.91		0	
"2014-07-08	10:00:00"	9.89	194.6	13.12	14.72	6.578	196.6	18.75	10.54	77	77.97	-0.966	55.41	54.71	26.428	440.49		0	
"2014-07-08	11:00:00"	8.08	189.6	17.88	12.93	5.54	192	22.99	10.54	81.4	82.3	-0.903	46.53	47.63	26.447	615.75		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-08	12:00:00"	6.29	181.5	28.31	12.93	4.433	183	33.76	8.75	86.1	86.7	-0.602	37.81	40.32	26.467	805.56		0	
"2014-07-08	13:00:00"	4.267	196.6	59.39	9.95	3.25	198.5	67.11	8.75	90.9	90.8	0.075	31.69	35.17	26.484	899.5		0	
"2014-07-08	14:00:00"	3.811	138.3	79.03	10.54	2.997	120.7	84.1	9.95	93	92.6	0.39	27.96	31.81	26.486	746.6		0	
"2014-07-08	15:00:00"	4.834	63.95	71.46	10.54	3.776	53.69	76.16	9.35	92.8	92.6	0.229	27.41	31.29	26.474	693.04		0	
"2014-07-08	16:00:00"	4.916	119.1	55.56	12.33	3.754	122.4	61.14	9.95	93.9	93.5	0.417	26.87	30.6	26.467	783.52		0	
"2014-07-08	17:00:00"	7.242	89.3	38.14	18.89	5.075	84	47.76	15.91	94.1	94.5	-0.439	24.4	27.55	26.452	770.09		0	
"2014-07-08	18:00:00"	9.79	87.4	17.42	17.7	6.5	84.8	25.98	13.52	92.4	92.6	-0.276	23.36	26.24	26.434	368.81		0	
"2014-07-08	19:00:00"	10.17	112	19.63	23.66	6.62	109.9	26.13	20.68	93.3	93.6	-0.295	21.45	24.23	26.414	444.35		0	
"2014-07-08	20:00:00"	12.35	119.5	12.58	20.68	7.659	118.3	19.22	17.7	91.7	91.2	0.464	24.38	27.19	26.417	232.03		0	
"2014-07-08	21:00:00"	12.41	129.9	8.34	19.49	7.121	129.7	17.28	14.12	88.7	88	0.742	29.07	31.96	26.419	53.386		0	
"2014-07-08	22:00:00"	9.2	134.9	6.833	13.52	4.78	132.5	16.13	10.54	84.6	83.1	1.495	35.03	39.07	26.423	0.28636		0	
"2014-07-08	23:00:00"	10.05	152.2	8.42	15.31	5.304	151.2	17.37	9.35	82.9	81.5	1.401	38.62	42.59	26.438	0		0	
"2014-07-09	00:00:00"	9.13	159.6	9.33	15.31	4.815	158.5	17.86	10.54	80.8	79.41	1.419	43.26	46.99	26.45	0		0	
"2014-07-09	01:00:00"	9.5	167.1	7.824	14.72	5.039	168.2	16.86	9.95	79.39	78.24	1.147	46.58	49.45	26.448	0		0	
"2014-07-09	02:00:00"	8.33	171.3	7.471	11.74	4.191	171.1	16.52	7.561	77.2	75.75	1.451	50.89	53.8	26.446	0		0	
"2014-07-09	03:00:00"	8.32	166.9	6.833	10.54	3.988	165.3	15.33	6.368	75.11	73.69	1.417	56.98	59.05	26.429	0		0	
"2014-07-09	04:00:00"	7.974	164	6.928	11.74	3.738	163.4	16.1	6.964	73.31	71.74	1.569	62.77	64.42	26.417	0		0	
"2014-07-09	05:00:00"	8.97	159.7	6.402	11.74	4.467	156.8	15.76	7.561	72.41	71.01	1.399	65.2	66.26	26.408	0		0	
"2014-07-09	06:00:00"	7.364	151.5	6.086	9.95	2.966	140.6	14.66	5.771	71.36	69.02	2.34	67.48	70.22	26.397	0		0	
"2014-07-09	07:00:00"	6.499	137.1	7.396	8.16	2.541	120.6	13.32	4.578	70.22	67.72	2.51	70.37	73.22	26.39	1.1534		0	
"2014-07-09	08:00:00"	4.929	122.1	10.01	7.561	2.203	106.2	19.45	5.175	70.65	69.44	1.207	70.92	71.06	26.4	67.783		0	
"2014-07-09	09:00:00"	7.882	148.1	16.26	12.33	4.863	147.5	23.82	8.75	74.98	75.53	-0.55	63.08	61.76	26.428	243.34		0	
"2014-07-09	10:00:00"	8.97	164.6	12.71	13.52	5.721	166.5	20.46	10.54	78.56	79.64	-1.076	56.33	55.71	26.46	437.19		0	
"2014-07-09	11:00:00"	8.78	160	17.41	13.52	5.736	161.3	25.37	10.54	81.8	83	-1.23	50.08	50.56	26.476	611.95		0	
"2014-07-09	12:00:00"	8.76	139.4	21.31	18.3	5.847	139.6	29	12.93	85.2	86.3	-1.077	41.5	43.81	26.485	768.1		0	
"2014-07-09	13:00:00"	11.33	138.9	17.96	18.89	7.217	139.2	25.12	15.31	87.6	89	-1.354	34.9	37.44	26.486	867.27		0	
"2014-07-09	14:00:00"	12.76	141	23.66	21.87	8.12	140.6	29.42	15.31	89.7	91	-1.286	30.86	33.29	26.477	917.72		0	
"2014-07-09	15:00:00"	14.12	153.6	18.26	23.66	8.67	154.7	25.32	17.1	90.4	91.7	-1.319	29.91	32.18	26.467	872.94		0	
"2014-07-09	16:00:00"	13.7	142.5	18.94	25.45	8.43	142.7	25.79	18.3	90.4	91.5	-1.114	30.18	32.64	26.456	734.61		0	
"2014-07-09	17:00:00"	13.01	145	16.78	26.05	8.1	146	24.35	15.91	91.5	92.8	-1.335	29.67	32.06	26.44	802.95		0	
"2014-07-09	18:00:00"	14.05	145.8	15.2	24.26	8.37	146	22.65	17.7	90.8	91.6	-0.775	29.06	31.66	26.424	526		0	
"2014-07-09	19:00:00"	13.58	144.2	14.02	24.26	8.17	145.1	21.39	15.31	91	91.6	-0.633	29.52	32.08	26.403	477.14		0	
"2014-07-09	20:00:00"	14.69	151.1	13.76	20.68	8.45	152.1	21.57	15.91	89.2	89.1	0.07	32.08	34.82	26.4	222.1		0	
"2014-07-09	21:00:00"	13.34	153.6	8.61	21.87	7.675	155.8	17.41	14.12	86.2	85.7	0.512	36.27	39.22	26.406	37.963		0	
"2014-07-09	22:00:00"	9.92	149.1	7.632	16.51	5.182	148.6	16.83	11.14	82.9	81.9	1.088	40.93	44.53	26.411	0.29462		0	
"2014-07-09	23:00:00"	9.18	154.5	8.38	14.12	4.734	153	16.89	9.95	80.7	79.45	1.292	45.21	48.55	26.417	0		0	
"2014-07-10	00:00:00"	7.909	165.3	7.14	12.93	3.833	163.4	16.3	7.561	78.48	76.91	1.568	50.34	53.76	26.423	0		0	
"2014-07-10	01:00:00"	8.94	159.7	7.446	18.3	4.336	154.5	17.56	13.52	76.79	74.69	2.104	53.7	57.78	26.41	0		0	
"2014-07-10	02:00:00"	8.35	162.5	7.97	15.91	4.272	162.2	16.55	10.54	75.93	74.7	1.227	57.69	59.5	26.409	0		0	
"2014-07-10	03:00:00"	6.944	159.1	8.24	9.95	2.931	152.8	17.5	5.175	73.86	71.89	1.967	63.83	66.41	26.394	0		0	
"2014-07-10	04:00:00"	7.216	145.9	6.169	9.35	2.875	134.6	14.93	4.578	72.13	69.68	2.449	65.2	68.83	26.373	0		0	
"2014-07-10	05:00:00"	7.792	138.6	7.092	9.95	3.589	131.4	15.9	6.368	70.8	68.87	1.923	64.61	66.98	26.355	0		0	
"2014-07-10	06:00:00"	7.894	125.7	7.751	11.14	3.984	117.6	16.07	6.368	68.86	67.37	1.483	66.7	67.51	26.348	0		0	
"2014-07-10	07:00:00"	8.49	140.9	8.11	11.14	4.285	137.7	16.59	8.16	68.09	66.87	1.224	66.93	66.76	26.346	0.99941		0	
"2014-07-10	08:00:00"	6.761	138.5	8.51	9.35	3.536	136.2	17.71	6.368	68.49	67.66	0.832	68.85	67.62	26.357	66.841		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-10	09:00:00"	9.46	151.3	14.76	16.51	5.693	151.5	22.48	12.93	72.99	73.5	-0.518	61.9	60.24	26.395	240.13		0	
"2014-07-10	10:00:00"	14.11	167.1	11.35	20.68	8.4	169.2	19.34	15.91	76.06	76.94	-0.878	55.31	54.68	26.429	376.31		0	
"2014-07-10	11:00:00"	13.5	170.3	12.87	20.68	8.21	171	20.08	15.91	79.02	80.1	-1.098	48.31	48.79	26.441	563.64		0	
"2014-07-10	12:00:00"	11.97	160.3	13.64	18.89	7.236	161	21.1	14.12	81.6	82.5	-0.959	42.16	44.08	26.451	674.07		0	
"2014-07-10	13:00:00"	12.78	157.3	14.12	21.28	7.86	156.9	22.54	15.91	85	86.5	-1.468	35.66	37.67	26.457	875.14		0	
"2014-07-10	14:00:00"	13.4	157.2	16.54	21.87	8.28	156.5	23.3	17.1	87.3	88.8	-1.442	32.41	34.38	26.448	915.74		0	
"2014-07-10	15:00:00"	14.8	155.2	15.38	24.26	9.1	154.8	22.75	19.49	88.5	89.9	-1.453	30.8	32.81	26.434	911.62		0	
"2014-07-10	16:00:00"	15.1	156.1	16.24	25.45	9.18	156.8	24.72	18.89	89.5	90.9	-1.477	27.87	29.82	26.418	866.53		0	
"2014-07-10	17:00:00"	15.27	157.8	15.98	25.45	9.17	158.2	23.9	18.3	89.8	91	-1.277	26.15	28.11	26.405	763.59		0	
"2014-07-10	18:00:00"	14.51	158.3	14.08	26.65	8.77	158.5	21.79	17.7	90.1	91	-0.982	25.91	28.03	26.391	614.68		0	
"2014-07-10	19:00:00"	12.35	168.3	16.66	21.87	7.487	168	23.13	15.31	90	90.6	-0.665	26.66	28.86	26.382	435.39		0	
"2014-07-10	20:00:00"	12.72	157.7	13.77	21.28	7.378	157.2	21.28	13.52	88.7	88.4	0.228	28.61	31.22	26.385	237.5		0	
"2014-07-10	21:00:00"	12.22	160	9.96	18.3	6.884	159.4	18.51	13.52	86	85.4	0.605	32.15	34.78	26.389	58.765		0	
"2014-07-10	22:00:00"	11.17	158.3	7.653	17.7	6.178	158.1	17.13	12.33	82.3	81.3	1.017	37.28	40.47	26.395	0.37526		0	
"2014-07-10	23:00:00"	9.27	153.6	7.121	13.52	4.743	150.9	17.1	9.35	79.47	78.11	1.36	42.03	45.49	26.405	0		0	
"2014-07-11	00:00:00"	8.76	152.7	7.021	12.93	4.16	148.6	16.34	8.75	76.7	75.05	1.648	48.47	51.66	26.417	0		0	
"2014-07-11	01:00:00"	13.05	168.7	9.29	21.28	7.277	168.8	17.8	16.51	76.52	75.74	0.779	53.37	54.49	26.423	0		0	
"2014-07-11	02:00:00"	12.47	169.7	8.53	20.09	6.959	169.2	17.75	14.72	73.96	73.37	0.589	61.61	61.33	26.424	0		0	
"2014-07-11	03:00:00"	11.36	174.3	8.04	18.3	6.354	175.3	17.38	12.93	71.98	71.3	0.678	62.14	61.68	26.417	0		0	
"2014-07-11	04:00:00"	9.61	173.4	8.53	15.91	5.185	175	17.9	9.95	70.05	69.28	0.773	68.79	67.41	26.402	0		0	
"2014-07-11	05:00:00"	7.733	167.5	9.63	11.14	4.098	167	17.62	7.561	68.42	67.42	1.001	74.3	72.6	26.392	0		0	
"2014-07-11	06:00:00"	7.852	157.2	8.07	11.74	4.013	155.4	18.11	8.16	67.36	66.27	1.092	77.89	75.91	26.386	0		0	
"2014-07-11	07:00:00"	5.188	131.7	11.68	9.95	2.288	112.5	25.86	5.175	65.47	64.07	1.403	82.6	80.2	26.38	1.1644		0	
"2014-07-11	08:00:00"	4.096	106.6	15.03	8.16	1.939	91.1	25.99	6.368	66.5	65.56	0.941	80.8	78.17	26.393	69.441		0	
"2014-07-11	09:00:00"	10.43	144	11.1	17.7	6.391	143.6	20.41	12.93	70.04	70.84	-0.804	73.94	69.61	26.43	244.27		0	
"2014-07-11	10:00:00"	13.1	153.9	13.29	18.89	8.02	154	21.06	15.31	72.17	73.58	-1.412	70.13	65.85	26.465	418.98		0	
"2014-07-11	11:00:00"	12.25	156.5	15.94	18.3	7.577	155.7	24	12.93	74.58	76.38	-1.799	65.16	61.49	26.476	635.01		0	
"2014-07-11	12:00:00"	12.52	156.5	17.12	19.49	7.828	157.5	23.81	14.72	76.82	78.54	-1.717	59.67	57.18	26.487	712.87		0	
"2014-07-11	13:00:00"	12.04	159.7	17.1	18.89	7.527	161.2	24.27	14.72	79.37	81	-1.654	53.4	52.3	26.494	750.79		0	
"2014-07-11	14:00:00"	12.6	160.7	14.4	22.47	7.95	160.4	21.88	16.51	81.1	82.7	-1.61	48.38	48.34	26.492	725.66		0	
"2014-07-11	15:00:00"	11.81	151.6	17.87	21.28	7.564	151	25.18	13.52	83.5	85.2	-1.741	43.75	44.49	26.483	825.05		0	
"2014-07-11	16:00:00"	12.66	157.5	15.37	21.28	7.728	157.1	22.84	14.72	84.6	86.1	-1.482	41.8	43.19	26.473	704.66		0	
"2014-07-11	17:00:00"	13.09	143.9	17.46	21.87	8.09	144.6	23.78	15.91	85.4	87	-1.514	40.34	41.96	26.461	716.72		0	
"2014-07-11	18:00:00"	14.77	138.7	15.84	26.05	9	138.5	23.5	17.1	85.2	86.4	-1.198	39.83	41.76	26.449	489.91		0	
"2014-07-11	19:00:00"	16.79	141.5	11.45	27.24	10	140.4	19.01	20.09	83.7	84.7	-0.938	43.1	44.48	26.438	393.54		0	
"2014-07-11	20:00:00"	17.32	147.2	11.64	26.05	10	147.2	19.95	20.09	82.3	82.5	-0.256	45.95	47.23	26.433	242.71		0	
"2014-07-11	21:00:00"	16.6	144.6	10.04	24.86	9.57	143.9	18.64	17.1	79.96	79.87	0.089	51.81	52.55	26.438	57.504		0	
"2014-07-11	22:00:00"	16.12	148.5	8.71	26.65	9.17	147.6	17.52	20.09	77.15	76.84	0.308	59.05	59.01	26.45	0.35255		0	
"2014-07-11	23:00:00"	14.97	147.5	9.49	27.24	8.59	146.4	18.14	18.89	74.3	74.05	0.256	66.91	65.54	26.472	0		0	
"2014-07-12	00:00:00"	9.31	148.3	9.53	15.31	5.192	146	17.96	9.95	72.25	71.69	0.559	71.65	70.16	26.482	0		0	
"2014-07-12	01:00:00"	9.14	145.6	10.12	17.1	5.262	144.2	18.19	11.14	71.9	71.48	0.423	71.28	69.6	26.486	0		0	
"2014-07-12	02:00:00"	10.25	139.9	9.94	17.1	5.856	137.2	18.11	12.33	71.51	71.17	0.339	75.25	72.74	26.482	0		0	
"2014-07-12	03:00:00"	8.64	128.2	9.09	14.12	5.03	124.9	17.08	9.95	70.29	69.75	0.54	78.02	75.52	26.465	0		0	
"2014-07-12	04:00:00"	9.82	136.2	8.61	14.72	5.672	133.2	17.58	9.95	69.94	69.37	0.569	75.2	73.11	26.453	0		0	
"2014-07-12	05:00:00"	10.1	133.7	8.16	15.91	5.726	131	17.29	11.14	69.21	68.69	0.521	77.37	74.73	26.442	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-12	06:00:00"	10.45	140.2	9.29	15.91	6.034	138.6	17.93	11.14	68.91	68.42	0.489	77.53	74.76	26.44	0	0		
"2014-07-12	07:00:00"	7.501	131.3	12.59	14.72	4.466	128.1	19.99	9.35	68.22	67.82	0.404	79.86	76.59	26.452	0.76999	0		
"2014-07-12	08:00:00"	8.6	153.8	11.92	16.51	5.007	153.5	20.04	12.33	69.4	69.35	0.053	79.51	75.84	26.465	33.341	0		
"2014-07-12	09:00:00"	12.91	158.6	9.87	20.09	7.692	158.7	18.76	14.12	71.19	71.58	-0.389	77.11	73.24	26.481	139.07	0		
"2014-07-12	10:00:00"	14.76	164.4	10.86	20.68	8.8	165.3	19.46	15.91	73.56	74.65	-1.09	72.33	68.41	26.503	354.56	0		
"2014-07-12	11:00:00"	14.24	164.4	13.56	21.28	8.69	164.6	20.55	15.31	76.26	77.77	-1.515	66.17	63.01	26.517	557.42	0		
"2014-07-12	12:00:00"	13.1	168.1	14.22	20.68	8.08	168.9	21.88	15.31	79.69	81.4	-1.716	58.72	56.76	26.529	737.92	0		
"2014-07-12	13:00:00"	11.89	171.2	19.47	23.07	7.637	172.1	26.52	15.31	82.7	84.3	-1.645	52.07	51.45	26.54	816.57	0		
"2014-07-12	14:00:00"	9.81	165.9	28.39	17.1	6.41	165.5	34.3	11.74	84.3	85.5	-1.245	47.83	48.6	26.535	625.4	0		
"2014-07-12	15:00:00"	10.33	174.7	18.8	17.7	6.889	176.4	25.65	15.31	87.6	89.2	-1.552	41.57	42.98	26.519	973.51	0		
"2014-07-12	16:00:00"	9.37	170.2	25.44	20.68	6.253	174.1	31.04	13.52	89.1	90.5	-1.372	37.41	39.32	26.516	794.36	0		
"2014-07-12	17:00:00"	10.53	155.2	20.82	20.68	6.839	155.3	27.86	14.72	90.1	91.4	-1.261	34.22	36.5	26.495	745.24	0		
"2014-07-12	18:00:00"	11.6	161.8	20.89	20.68	7.246	162.9	26.86	14.72	89.9	90.9	-1.019	34.49	36.86	26.48	514.02	0		
"2014-07-12	19:00:00"	14.27	159.8	14.5	23.66	8.37	159.5	21.79	15.31	88.7	89.1	-0.348	34.93	37.65	26.472	273.28	0		
"2014-07-12	20:00:00"	16.04	160.6	12.81	25.45	9.18	161.4	20.08	17.1	87.5	87.6	-0.057	36.91	39.67	26.472	178.24	0		
"2014-07-12	21:00:00"	14.37	171.7	8.5	22.47	8.23	172.6	17.58	17.1	84.4	83.9	0.444	40.85	43.64	26.463	8.8729	0		
"2014-07-12	22:00:00"	11.62	164.9	9.34	19.49	6.606	166.2	17.44	13.52	81.8	81.2	0.636	45.94	48.2	26.458	0.28368	0		
"2014-07-12	23:00:00"	12.89	162	8.05	20.68	7.503	162	16.88	14.12	79.94	79.37	0.57	51.48	52.92	26.471	0	0		
"2014-07-13	00:00:00"	13.94	166.5	8.8	21.87	8.01	167	17.16	14.72	78.39	77.89	0.505	53.63	54.65	26.482	0	0		
"2014-07-13	01:00:00"	11.93	167.2	9.25	18.89	6.814	167.9	17.83	12.33	76.59	76.02	0.571	56.73	57.35	26.492	0	0		
"2014-07-13	02:00:00"	8.75	161.8	9.18	17.7	4.73	160.4	18.2	11.14	74.83	73.99	0.838	60.13	60.72	26.491	0	0		
"2014-07-13	03:00:00"	7.016	154	7.198	11.14	3.302	148.3	18.3	6.368	72.9	71.52	1.384	64.02	65.02	26.486	0	0		
"2014-07-13	04:00:00"	5.068	99.3	24.39	6.964	2.632	74.29	22.39	3.982	71.39	69.48	1.911	67.19	68.67	26.481	0	0		
"2014-07-13	05:00:00"	6.359	76.52	6.685	8.75	3.33	68.01	15.13	5.771	70.18	68.65	1.527	69.2	69.53	26.47	0	0		
"2014-07-13	06:00:00"	7.366	93.8	11.12	9.95	3.94	86.1	17.13	6.368	67.82	66.66	1.159	74.64	72.98	26.457	0	0		
"2014-07-13	07:00:00"	7.559	104.4	8.7	11.14	4.112	97.2	17.91	6.964	67.58	66.44	1.137	77.64	75.7	26.448	0.99943	0		
"2014-07-13	08:00:00"	7.465	79.66	10.75	11.14	4.44	73.09	19.05	8.16	67.81	67.24	0.573	76.98	74.23	26.464	60.627	0		
"2014-07-13	09:00:00"	8.22	122.5	21.95	15.31	5.223	119.1	29.08	10.54	72.56	73.18	-0.618	67.78	65.32	26.495	233.79	0		
"2014-07-13	10:00:00"	9.8	159.6	15.79	15.31	6.223	160.9	22.37	11.14	76.51	77.71	-1.206	60.05	58.42	26.523	431.57	0		
"2014-07-13	11:00:00"	9.63	167.6	18.35	14.72	6.179	167.4	25.47	11.14	80.1	81.3	-1.253	51.79	51.62	26.536	607.79	0		
"2014-07-13	12:00:00"	8.95	164.4	21.83	14.12	5.754	163.9	29.08	10.54	83.8	85.1	-1.272	43.34	44.74	26.547	762.38	0		
"2014-07-13	13:00:00"	8.78	144.7	25.66	16.51	6.034	143.4	33.97	13.52	86.8	88	-1.217	36.86	39.08	26.553	864.08	0		
"2014-07-13	14:00:00"	10.62	150.7	23.14	23.07	6.943	151	30.38	14.12	88.8	90.2	-1.412	33.19	35.19	26.547	910.6	0		
"2014-07-13	15:00:00"	9.39	150.8	26.28	20.68	6.234	151.6	33.67	15.31	91.1	92.4	-1.206	30.37	32.57	26.536	914.06	0		
"2014-07-13	16:00:00"	10.32	162.7	29.32	21.28	6.859	164.8	34.79	14.12	92.4	93.6	-1.191	27.58	29.64	26.526	877.03	0		
"2014-07-13	17:00:00"	10.72	145.6	18.35	20.09	6.866	146	26.1	14.72	92.9	94.2	-1.35	26.41	28.49	26.507	771.35	0		
"2014-07-13	18:00:00"	11.42	159.1	15.49	21.28	7.071	161	23.02	16.51	92.4	93.4	-1.006	27.13	29.34	26.489	550.3	0		
"2014-07-13	19:00:00"	10.63	158.2	18.1	18.3	6.569	160.1	24.81	12.93	92.2	92.9	-0.718	27.54	29.9	26.478	424.83	0		
"2014-07-13	20:00:00"	10.23	167.1	18.17	17.1	6.184	168.8	24.63	12.93	91.7	91.6	0.101	28.39	31.15	26.476	255.97	0		
"2014-07-13	21:00:00"	10.11	150.9	12.97	16.51	5.757	151.2	20.37	12.33	88.6	88.1	0.548	32.28	35.2	26.47	56.068	0		
"2014-07-13	22:00:00"	7.81	146.4	7.096	11.74	3.584	138.9	14.39	6.964	84	82	1.972	37.31	42.27	26.455	0.28595	0		
"2014-07-13	23:00:00"	7.088	139	12.36	9.95	2.856	119.9	20.26	3.982	80.8	77.41	3.396	42.19	49.55	26.451	0	0		
"2014-07-14	00:00:00"	4.768	153.5	16.5	9.35	1.361	104.8	26.43	3.982	78.45	75.16	3.281	46.94	53.56	26.456	0	0		
"2014-07-14	01:00:00"	6.138	159.3	7.75	9.95	2.244	130.1	27.93	5.175	77.69	74.42	3.269	48.87	55.32	26.467	0	0		
"2014-07-14	02:00:00"	7.658	159.2	5.796	9.95	3.064	153.3	15.23	5.771	74.98	72.48	2.499	55.48	59.76	26.46	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-14	03:00:00"	6.368	165	6.275	8.75	1.976	157.7	15.39	3.982	73.34	70.48	2.862	59.39	63.94	26.453	0	0		
"2014-07-14	04:00:00"	4.941	175	5.022	6.368	1	164	17.06	1	71.39	68.64	2.749	63.18	66.93	26.437	0	0		
"2014-07-14	05:00:00"	5.276	160.1	9.1	6.964	1.096	133.3	16.35	2.789	70.32	67.52	2.801	65.28	68.69	26.421	0	0		
"2014-07-14	06:00:00"	6.548	157.1	9.92	8.75	1.956	145.5	22.04	3.982	70.02	66.93	3.094	66.12	70.13	26.417	0	0		
"2014-07-14	07:00:00"	4.097	231.8	46.44	7.561	1.825	261.9	56.26	4.578	69.73	67.23	2.499	67.14	69.73	26.422	0.63463	0		
"2014-07-14	08:00:00"	3.423	263.6	55.87	7.561	1.882	281.7	74.1	3.982	71.76	69.39	2.361	64.07	67.49	26.437	51.806	0		
"2014-07-14	09:00:00"	2.605	295.8	45.14	5.175	2.128	294.5	46.51	4.578	76.16	76.39	-0.236	57.73	58.18	26.465	217.25	0		
"2014-07-14	10:00:00"	3.634	135	70.26	9.35	2.732	124.2	77.04	8.16	80.5	81	-0.556	49.17	50.77	26.502	401.22	0		
"2014-07-14	11:00:00"	6.113	183.1	31.41	11.74	4.375	186.5	36.12	8.75	83	83.8	-0.765	42.59	44.32	26.517	603.04	0		
"2014-07-14	12:00:00"	3.6	204.8	96.7	8.16	2.891	235.5	94.5	6.964	88.7	88.4	0.253	33.47	37.32	26.524	762.31	0		
"2014-07-14	13:00:00"	4.351	107.6	55.7	12.93	3.289	101.8	65.88	12.33	92.5	92.4	0.095	27.13	30.74	26.526	864.43	0		
"2014-07-14	14:00:00"	7.786	141.4	44.17	23.07	5.262	140.1	56.12	23.07	93.5	94.3	-0.78	24.78	27.22	26.516	847.19	0		
"2014-07-14	15:00:00"	8.51	103.1	46.5	20.09	5.878	100.6	52.23	15.91	95	96.3	-1.317	22.76	24.94	26.496	958.7	0		
"2014-07-14	16:00:00"	9.19	134.8	30.41	18.3	6.218	134.8	39.98	14.72	95.9	97.1	-1.134	21.75	23.68	26.477	924.55	0		
"2014-07-14	17:00:00"	7.794	134	29.2	18.3	5.361	137.7	40.92	14.72	95	95.7	-0.675	21.85	24.03	26.468	582.27	0		
"2014-07-14	18:00:00"	8.33	128.9	30.46	17.7	5.568	127.8	38.58	12.33	95.5	96.3	-0.846	20.49	22.64	26.457	588.97	0		
"2014-07-14	19:00:00"	9.33	97.1	60.77	21.87	5.488	95.9	63.48	14.72	93.2	93.7	-0.429	23.21	25.3	26.451	275.21	0		
"2014-07-14	20:00:00"	13.52	42.76	16.26	21.87	7.498	40.02	20.63	15.31	90.7	90.9	-0.253	28.31	30.29	26.43	233	0		
"2014-07-14	21:00:00"	8.4	56.61	12.76	13.52	4.908	53.59	18.11	10.54	89	88.7	0.31	29.06	31.41	26.427	45.915	0		
"2014-07-14	22:00:00"	7.98	66.32	8.18	11.74	4.822	65.06	16.98	8.75	86.4	85.7	0.676	31.4	33.93	26.435	0.19491	0		
"2014-07-14	23:00:00"	8.22	70.03	6.269	10.54	4.569	69.44	16.87	8.16	83.9	83	0.885	33.96	36.78	26.445	0	0		
"2014-07-15	00:00:00"	15.81	81.5	14.42	27.24	9.89	79.7	20.93	21.28	82.1	81.9	0.189	39.64	41.3	26.465	0	0		
"2014-07-15	01:00:00"	21.9	44.83	25.83	39.77	11.25	43.51	28.15	27.24	76.55	76.86	-0.302	56.64	55.45	26.506	0	0		
"2014-07-15	02:00:00"	22.16	26.32	9.59	33.8	10.62	27.51	20.26	19.49	70.8	71.11	-0.312	69.32	65.95	26.503	0	0		
"2014-07-15	03:00:00"	17.45	35.12	10.21	26.65	8.6	35.13	15.48	18.89	70.41	70.55	-0.137	68.59	65.58	26.493	0	0		
"2014-07-15	04:00:00"	14.57	39.42	9.66	23.07	7.591	37.66	14.66	16.51	70.73	70.84	-0.117	69.88	66.83	26.489	0	0		
"2014-07-15	05:00:00"	11.31	46.18	11.25	18.89	6.253	44.37	16.14	12.33	71.17	71.17	-0.003	68.28	65.82	26.484	0	0		
"2014-07-15	06:00:00"	9.85	35.15	11.37	17.1	5.004	34.41	17.33	10.54	71.34	71.4	-0.054	68.08	65.51	26.492	0	0		
"2014-07-15	07:00:00"	11.08	52.97	16.61	21.87	6.254	50.61	21.7	15.31	69.54	69.69	-0.151	77.44	73.76	26.495	0	0		
"2014-07-15	08:00:00"	14.89	63.42	11.38	21.87	9.02	59.47	18.11	17.1	66.22	66.2	0.024	88.9	84.4	26.482	0.92654	0.17		
"2014-07-15	09:00:00"	10.5	45.56	32.73	19.49	6.593	42.73	36.85	13.52	66.17	66.05	0.125	90.2	86.3	26.494	4.576	0.12		
"2014-07-15	10:00:00"	9.63	77.05	20.5	14.72	5.917	74.11	26.33	11.14	66	65.95	0.054	91.3	87.4	26.494	29.637	0.04		
"2014-07-15	11:00:00"	8.41	79.75	12.57	14.72	5.358	78.11	21.1	10.54	67.73	68.03	-0.3	86.5	83.8	26.49	231.18	0		
"2014-07-15	12:00:00"	5.473	48.72	26.24	8.75	3.442	46.82	32.95	6.368	72.34	73.23	-0.894	75.56	73.74	26.507	375.63	0		
"2014-07-15	13:00:00"	5.762	40.84	24.75	9.35	3.518	36.66	32.21	6.964	75.65	77.23	-1.581	68.15	67.18	26.517	586.21	0		
"2014-07-15	14:00:00"	6.366	55.5	22.95	12.93	4.098	51.48	28.37	9.95	77.86	79.31	-1.446	61.88	62.18	26.519	634.06	0		
"2014-07-15	15:00:00"	6.091	81.8	34.87	11.74	4.265	78.86	43.66	9.95	82.1	83.5	-1.374	52.11	54.33	26.509	932.33	0		
"2014-07-15	16:00:00"	5.287	98.8	42.07	11.74	3.914	97.1	54.4	9.95	85.4	86.4	-0.933	44.53	47.88	26.499	900.97	0		
"2014-07-15	17:00:00"	6.473	108	33.67	12.33	4.629	105.1	43.8	11.14	85.2	86.3	-1.133	44.4	47.19	26.477	686.58	0		
"2014-07-15	18:00:00"	7.214	104.4	17.7	12.93	5.003	103.8	25.23	9.35	84.5	85.2	-0.783	46.61	49.44	26.455	441.48	0		
"2014-07-15	19:00:00"	9.87	98.4	17.13	17.1	6.65	96.3	23.53	11.74	84.3	85.2	-0.85	46.05	48.56	26.427	405.5	0		
"2014-07-15	20:00:00"	8.39	116.5	12.64	12.93	5.415	115.3	20.14	9.95	84.3	84.2	0.095	43.82	47.52	26.414	240.29	0		
"2014-07-15	21:00:00"	12.67	103.3	10.58	21.87	8.3	101.1	18.58	15.91	81.5	81.2	0.273	50.56	52.71	26.412	43.754	0		
"2014-07-15	22:00:00"	13.26	118.8	8.73	25.45	8.06	116.6	16.95	17.1	78.98	78.58	0.399	55.74	57.13	26.42	0.1947	0		
"2014-07-15	23:00:00"	15.49	123.8	8.46	24.86	9.29	122.6	17.04	16.51	76.36	76.15	0.209	62.6	62.43	26.444	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-16	00:00:00"	12.53	120.7	8.54	18.89	7.538	118.6	16.84	14.72	74.02	73.64	0.373	70.12	69.12	26.428		0	0	
"2014-07-16	01:00:00"	12.74	136.3	11.82	23.66	7.375	136.1	19.79	17.7	72.91	72.57	0.347	72.37	70.95	26.41		0	0	
"2014-07-16	02:00:00"	9.4	132	11.01	17.7	5.512	131.2	18.87	11.74	71.63	71.41	0.221	76	73.71	26.405		0	0	
"2014-07-16	03:00:00"	4.838	143.5	16.88	11.14	2.537	146.5	29.82	8.16	70.8	70.43	0.37	79.5	77.49	26.409		0	0	
"2014-07-16	04:00:00"	4.045	138.5	11.08	6.964	1.854	134.4	20.43	3.982	70.4	69.86	0.538	81.2	79.91	26.395		0	0	
"2014-07-16	05:00:00"	4.576	194.7	74.19	13.52	2.46	201.1	78.34	9.35	69.68	69.08	0.607	82.8	81.6	26.385		0	0	
"2014-07-16	06:00:00"	3.839	198.4	37.38	6.368	1.854	194.8	66.65	4.578	69.78	68.88	0.9	81.6	81.7	26.375		0	0	
"2014-07-16	07:00:00"	5.204	177.7	16.31	8.75	2.319	171.3	25.31	5.175	69.35	68.61	0.735	81.8	81.2	26.373	0.27133		0	
"2014-07-16	08:00:00"	4.661	184.6	12.57	6.964	2.123	186.5	18.49	3.982	68.88	68.28	0.608	83.5	82.1	26.375	24.405		0	
"2014-07-16	09:00:00"	3.427	204.4	22.15	6.368	2.182	206.7	24.86	5.175	70.36	70.33	0.024	80.3	77.81	26.382	89.233		0	
"2014-07-16	10:00:00"	5.864	197.5	14.31	8.75	4.016	200.2	19.19	6.964	72.35	72.75	-0.405	74.29	71.66	26.386	238.46		0	
"2014-07-16	11:00:00"	4.474	204.1	29.17	9.35	3.198	205.4	36.83	7.561	76.06	76.68	-0.621	65.04	63.61	26.38	445.02		0	
"2014-07-16	12:00:00"	6.395	189.1	26.22	11.74	4.476	189.7	35.37	9.35	79.25	80.2	-0.953	56.56	56.16	26.386	707.67		0	
"2014-07-16	13:00:00"	5.62	175.4	44.01	11.14	4.032	176.7	53.18	9.35	83.4	84.2	-0.754	47.02	48.6	26.393	844.41		0	
"2014-07-16	14:00:00"	6.184	215.6	36.17	14.12	4.735	215.9	40.03	11.74	85.2	85.7	-0.529	42.73	45.22	26.39	869.94		0	
"2014-07-16	15:00:00"	6.2	195.8	51.25	15.31	4.536	196.9	55.3	12.33	88.5	89	-0.514	35.05	38.12	26.38	940.01		0	
"2014-07-16	16:00:00"	7.673	173.5	37.3	15.31	5.301	176	42.82	10.54	89.5	90.5	-1.047	31.73	34.2	26.361	892.85		0	
"2014-07-16	17:00:00"	7.895	206.3	39.62	17.7	5.532	205.1	42.2	13.52	90.5	91.5	-0.936	30.84	33.29	26.331	766.52		0	
"2014-07-16	18:00:00"	6.808	216.1	43.17	23.07	5	214.1	52.45	20.68	91.1	91.4	-0.37	29.5	32.37	26.309	473.99		0	
"2014-07-16	19:00:00"	8.01	200.2	22.02	14.72	5.172	201.5	24.97	12.93	89.5	89.6	-0.135	31.64	34.99	26.29	243.73		0	
"2014-07-16	20:00:00"	5.83	171.7	21.26	11.14	3.237	169.2	26.81	7.561	88.5	88	0.578	33.79	38.69	26.276	107.18		0	
"2014-07-16	21:00:00"	6.256	146.6	15.24	20.68	3.201	147.3	21.26	15.31	87.2	86.2	0.954	36.63	42	26.271	43.3		0	
"2014-07-16	22:00:00"	14.83	172	10.84	24.86	8.56	173.1	19.81	17.1	81.4	81.2	0.183	51.76	52.93	26.273	0.08753		0	
"2014-07-16	23:00:00"	9.82	174.2	9.99	17.7	5.341	174.5	18.33	11.14	77.93	77.32	0.608	60.55	61.52	26.269	0		0	
"2014-07-17	00:00:00"	7.35	166.5	8.38	11.74	3.637	165.5	16.7	6.964	76.36	75.55	0.814	63.43	64.43	26.281	0		0	
"2014-07-17	01:00:00"	6.675	164.6	8.29	9.95	3.165	162.6	17.63	6.368	75.41	74.24	1.174	67	68.36	26.278	0		0	
"2014-07-17	02:00:00"	5.425	141.6	8.9	8.75	2.175	131.2	16.78	4.578	74.28	73.08	1.201	71.52	72.68	26.262	0		0	
"2014-07-17	03:00:00"	6.415	147.4	10.27	9.95	3.11	141.7	19.24	6.368	73.64	72.57	1.072	73.13	73.47	26.244	0		0	
"2014-07-17	04:00:00"	7.943	147.4	10.2	12.93	4.375	144.1	19.47	8.75	73.3	72.78	0.524	76.26	74.8	26.246	0		0	
"2014-07-17	05:00:00"	8.9	171.6	10.55	15.31	5.087	172.7	19.07	11.14	72.99	72.51	0.482	71.82	70.97	26.242	0		0	
"2014-07-17	06:00:00"	8.03	161.7	9.65	13.52	4.306	162.4	18.48	8.16	71.84	71.21	0.629	72.32	71.21	26.231	0		0	
"2014-07-17	07:00:00"	5.479	141.3	14.94	9.35	2.899	137.7	22.91	6.368	70.96	70.42	0.548	76.08	74.41	26.233	0.05783		0	
"2014-07-17	08:00:00"	4.361	65.86	40.45	12.33	2.186	55.8	47.64	6.368	71.03	70.69	0.345	78.15	76.35	26.251	8.5722		0.01	
"2014-07-17	09:00:00"	9.53	53.69	12.29	15.91	5.506	49.69	16.62	9.95	69.86	69.76	0.099	87.3	84.1	26.267	39.006		0	
"2014-07-17	10:00:00"	10.37	67.38	11.99	15.31	6.587	63.66	18.63	11.74	70	70.35	-0.353	86.6	83.1	26.288	183.71		0	
"2014-07-17	11:00:00"	12.02	78.25	14.04	17.7	7.677	74.44	21.83	14.12	70.57	71.32	-0.753	85.6	81.3	26.302	226.99		0	
"2014-07-17	12:00:00"	8.03	82.5	20.38	14.72	5.494	77.8	26.31	9.95	74.13	75.37	-1.247	75.58	72.82	26.32	407.27		0	
"2014-07-17	13:00:00"	7.999	39.08	17.68	16.51	4.559	36.77	23.55	10.54	74.69	75.51	-0.816	73.49	71.37	26.337	184.17		0	
"2014-07-17	14:00:00"	10.57	65.59	11.24	17.1	6.777	61.54	19.38	13.52	74.5	75.54	-1.04	74.83	72.07	26.328	352.69		0	
"2014-07-17	15:00:00"	10.84	54.27	19.25	18.89	6.437	50.2	22.39	14.72	78.39	80.1	-1.704	64.39	63.06	26.336	692.34		0	
"2014-07-17	16:00:00"	13.41	58.11	17.29	21.87	8.03	53.13	21.71	17.7	80	82	-1.964	59.93	58.85	26.341	854.54		0	
"2014-07-17	17:00:00"	12.17	62.99	17.29	19.49	7.551	58.38	24.03	14.12	80.7	82.6	-1.9	57.49	56.69	26.338	722.83		0	
"2014-07-17	18:00:00"	11.49	71.57	19.23	25.45	7.33	67.94	25.56	18.89	81.9	83.5	-1.637	53.91	53.97	26.333	596.79		0	
"2014-07-17	19:00:00"	15.53	73.02	13.07	24.26	9.69	68.89	20.59	17.7	79.68	81	-1.302	57.99	57.17	26.331	380.62		0	
"2014-07-17	20:00:00"	15.02	79.11	10.47	25.45	9.35	75.19	19.21	17.7	77.36	77.67	-0.313	62.23	61.56	26.333	82.6		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-17	21:00:00"	16.32	76.07	9.12	27.24	10.02	72.08	18.72	18.89	73.66	73.85	-0.187	70.15	67.92	26.336	26.482	0		
"2014-07-17	22:00:00"	14.36	73.89	9.24	21.28	8.93	68.81	18.17	15.31	71.68	71.62	0.058	73.78	71.14	26.344	0.09361	0		
"2014-07-17	23:00:00"	11.28	79.32	9.86	19.49	6.814	74.76	19.13	14.72	70.41	70.24	0.179	76.51	73.58	26.36	0	0		
"2014-07-18	00:00:00"	9.36	75.01	10.57	14.12	5.688	70.95	18.07	9.95	69.53	69.28	0.251	78.94	75.77	26.388	0	0		
"2014-07-18	01:00:00"	10.76	83.3	10.41	17.1	6.574	80.6	19.63	12.33	68.62	68.41	0.203	80.1	76.57	26.383	0	0		
"2014-07-18	02:00:00"	10.72	85.1	10.21	18.89	6.718	81.4	19.03	11.74	67.66	67.59	0.07	81.3	77.21	26.385	0	0		
"2014-07-18	03:00:00"	7.619	73.9	12.13	12.93	4.778	69.48	20.45	10.54	67.33	67.32	0.008	81.9	77.57	26.372	0	0		
"2014-07-18	04:00:00"	6.736	57.29	16.45	10.54	4.038	55.75	21.3	8.16	66.81	66.75	0.065	84	79.41	26.364	0	0		
"2014-07-18	05:00:00"	5.67	78.97	13.71	8.75	3.474	77.43	20.35	6.368	65.73	65.61	0.122	88.1	83.1	26.36	0	0		
"2014-07-18	06:00:00"	7.568	70.9	16	12.33	4.731	67.44	21.67	8.75	64.99	64.97	0.019	89	83.7	26.371	0	0		
"2014-07-18	07:00:00"	8.55	89.5	10.77	12.93	5.678	87.5	19.17	10.54	65.09	65.23	-0.134	88.6	83	26.389	0.34242	0		
"2014-07-18	08:00:00"	9.53	92.7	10.17	14.12	6.329	90.7	18.97	11.14	64.83	65.04	-0.21	88.1	82.3	26.401	7.8444	0		
"2014-07-18	09:00:00"	9.75	92.4	10.31	15.91	6.383	90.2	19.49	13.52	65.36	65.63	-0.267	85.8	80.3	26.414	41.626	0		
"2014-07-18	10:00:00"	10.09	101.4	11.22	15.91	6.76	99.2	19.74	11.74	66.25	66.69	-0.443	81.6	76.51	26.426	97.097	0		
"2014-07-18	11:00:00"	9.24	97.5	11.97	14.72	6.354	95.6	20.85	11.74	67.49	68.17	-0.682	79.01	74.14	26.426	176.95	0		
"2014-07-18	12:00:00"	7.052	97.1	21.2	12.93	5.048	92.4	34.19	11.74	71.63	72.92	-1.291	70.01	66.53	26.426	493.55	0		
"2014-07-18	13:00:00"	5.02	163.4	56.8	9.95	3.603	166.2	62.42	8.75	76.81	77.63	-0.818	61.1	59.8	26.438	614.87	0		
"2014-07-18	14:00:00"	7.612	178.4	33.04	16.51	5.26	181.6	41.4	12.33	79.69	81	-1.332	57.79	56.28	26.439	851.66	0		
"2014-07-18	15:00:00"	6.586	194.4	39.41	14.72	4.896	195.6	49.87	11.14	81.5	82.3	-0.728	55.12	54.96	26.432	713.76	0		
"2014-07-18	16:00:00"	6.498	173.4	46.75	14.12	4.562	176.1	53.52	11.74	83.9	84.9	-0.961	50.89	51.47	26.416	728.67	0		
"2014-07-18	17:00:00"	7.161	169.3	34.54	14.72	5.137	169.8	42.3	11.14	85.8	86.7	-0.963	46.68	47.99	26.402	713.81	0		
"2014-07-18	18:00:00"	8.41	171.5	26.3	16.51	5.728	172.5	32.02	12.93	85.9	86.9	-1.011	45.74	47.11	26.389	586.04	0		
"2014-07-18	19:00:00"	8.11	154.7	16.56	13.52	5.249	154.7	24.34	9.95	85.9	86.9	-0.929	43.81	45.78	26.375	400.93	0		
"2014-07-18	20:00:00"	8.34	162.7	17.02	13.52	5.165	165.1	23.78	11.14	85.9	85.9	0.041	43.39	46.37	26.37	216.06	0		
"2014-07-18	21:00:00"	8.71	157.3	13.52	14.72	4.83	156.3	20.27	9.95	84	83.4	0.626	47.44	50.39	26.377	44.507	0		
"2014-07-18	22:00:00"	9.8	146.8	7.688	15.91	5.211	144.9	16.67	11.14	80.9	80	0.834	53.62	55.76	26.375	0.30993	0		
"2014-07-18	23:00:00"	9.04	140.6	8.26	14.12	4.915	137.5	16.81	9.95	78.59	77.73	0.858	59.39	60.75	26.367	0	0		
"2014-07-19	00:00:00"	9.72	141.8	8.86	16.51	5.275	138.4	17.7	10.54	76.48	75.65	0.831	65.43	65.93	26.365	0	0		
"2014-07-19	01:00:00"	9.15	142.3	8.25	12.93	5.024	139.1	16.88	9.95	74.79	74.16	0.633	70.91	70.19	26.369	0	0		
"2014-07-19	02:00:00"	8.9	135.8	8.91	13.52	4.925	132.9	17.37	10.54	73.15	72.46	0.682	75.27	73.97	26.369	0	0		
"2014-07-19	03:00:00"	10.57	137.8	8.49	15.91	6.215	135.3	17.59	11.14	72.05	71.6	0.453	78.01	75.72	26.363	0	0		
"2014-07-19	04:00:00"	9.86	135.6	11.29	16.51	5.594	133.1	18.92	11.74	70.66	70.24	0.423	81.4	78.42	26.358	0	0		
"2014-07-19	05:00:00"	8.66	109.9	12.71	13.52	5.555	105.9	19.18	9.35	69.2	68.91	0.29	84.9	81	26.357	0	0		
"2014-07-19	06:00:00"	9.73	117.1	12.24	15.31	6.235	114.5	19.01	11.74	68.27	68.13	0.14	88.2	83.5	26.36	0	0		
"2014-07-19	07:00:00"	9.46	141.9	8.67	16.51	5.565	140.5	17.9	12.33	68.5	68.54	-0.034	90.7	85.6	26.366	0.41891	0		
"2014-07-19	08:00:00"	10.22	156.9	11.23	16.51	6.029	157.5	19.29	12.33	69.54	69.62	-0.078	89.3	84.8	26.375	15.092	0		
"2014-07-19	09:00:00"	12.44	159.8	11.5	17.7	7.283	159.8	19.88	12.93	71.21	71.53	-0.324	86.2	81.6	26.382	79.418	0		
"2014-07-19	10:00:00"	12.3	170.3	11.32	18.89	7.422	171.9	20.15	12.93	74.02	74.87	-0.85	80	75.67	26.405	254.66	0		
"2014-07-19	11:00:00"	11.36	172	13.15	18.89	7.06	172.8	21.54	12.93	77.75	79.39	-1.637	71.75	67.65	26.424	567.64	0		
"2014-07-19	12:00:00"	9.13	164.2	21.34	15.91	6.005	165.3	28.89	11.14	81.7	83.4	-1.718	63.26	60.81	26.435	741.75	0		
"2014-07-19	13:00:00"	9.85	156.4	20.76	17.1	6.522	156.6	27.74	11.74	85.2	86.9	-1.71	55.45	54.74	26.43	841.59	0		
"2014-07-19	14:00:00"	10.85	166.1	19.77	18.89	6.946	168.8	26.39	12.93	88.2	90.1	-1.863	48.17	48.59	26.425	888.94	0		
"2014-07-19	15:00:00"	10.4	163.5	24.19	22.47	6.8	165.5	31.41	15.91	91.1	92.7	-1.549	41.26	43.22	26.419	884.03	0		
"2014-07-19	16:00:00"	10.68	144.7	19.58	25.45	7.022	143.1	29.35	17.7	92.7	94.4	-1.662	37.66	39.93	26.41	843.35	0		
"2014-07-19	17:00:00"	8.56	152.4	27.37	16.51	5.581	150.7	36.47	12.33	94.4	95.8	-1.419	34.35	36.82	26.4	724.28	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-19	18:00:00"	11.16	149.2	16.85	19.49	7.072	149.7	24.86	13.52	94.1	95.3	-1.218	34.35	36.95	26.388	590.64		0	
"2014-07-19	19:00:00"	10.4	149.6	14.5	18.89	6.383	150	22.3	14.12	93.9	94.7	-0.842	33.64	36.55	26.375	390.18		0	
"2014-07-19	20:00:00"	10.83	145.7	12.86	21.28	6.334	146.1	20.55	13.52	93.3	93.2	0.055	34.22	37.74	26.373	207.44		0	
"2014-07-19	21:00:00"	14.23	151.7	8.9	21.28	8.03	152.2	18.25	14.12	89.7	89.4	0.322	39.7	43.09	26.378	47.339		0	
"2014-07-19	22:00:00"	12.02	145.7	8.45	20.09	6.854	145.1	17.37	13.52	86.7	86.1	0.551	44.35	47.33	26.378	0.45097		0	
"2014-07-19	23:00:00"	11.51	157.4	11.5	17.1	6.465	158.1	19.98	12.93	84.5	83.9	0.613	50.34	52.59	26.388		0	0	
"2014-07-20	00:00:00"	11.59	157.8	10.18	17.7	6.551	158.3	18.98	12.33	82.3	81.8	0.548	55.42	56.91	26.392		0	0	
"2014-07-20	01:00:00"	8.41	156.7	14.9	14.12	4.651	156	23.87	9.35	80.7	80	0.652	58.09	59.39	26.409		0	0	
"2014-07-20	02:00:00"	8.62	153.3	15.77	14.72	4.747	152	22.92	9.35	79.12	78.46	0.665	60.54	61.46	26.416		0	0	
"2014-07-20	03:00:00"	6.536	211.9	46.27	11.74	3.881	210.9	47.17	8.16	77.68	77.05	0.633	64.14	64.64	26.429		0	0	
"2014-07-20	04:00:00"	7.507	255.1	20.27	15.31	4.658	251.5	23.57	11.74	76.86	76.4	0.462	65.35	65.4	26.411		0	0	
"2014-07-20	05:00:00"	9.06	217.4	29.29	15.31	5.588	215.3	28.84	11.14	74.45	74.32	0.133	68.72	67.31	26.356		0	0	
"2014-07-20	06:00:00"	10.85	168	12.4	18.3	6.222	168.4	20.95	12.33	75.11	74.77	0.339	69.66	68.63	26.315		0	0	
"2014-06-01	00:00:00"	14.62	130.5	8.16	23.07	8.33	126.8	16.63	17.7	80.9	80.3	0.54	43.53	45.41	26.329		0	0	
"2014-06-01	01:00:00"	11.94	135.1	8.07	17.1	6.927	133	16.47	11.74	78.71	78.06	0.647	48.81	50.14	26.323		0	0	
"2014-06-01	02:00:00"	11.15	140.8	8.23	18.89	6.549	138.4	16.93	14.72	77.02	76.35	0.672	53.37	54.2	26.313		0	0	
"2014-06-01	03:00:00"	12.08	145.3	8.01	18.89	6.939	143.5	16.6	15.31	75.78	75.18	0.605	55.57	55.98	26.307		0	0	
"2014-06-01	04:00:00"	10.13	144.6	7.845	14.72	5.696	142	16.33	10.54	73.86	73.13	0.729	58.34	58.38	26.293		0	0	
"2014-06-01	05:00:00"	9.8	140.4	8.25	14.12	5.556	138.1	17.42	10.54	72.38	71.63	0.751	61.3	60.84	26.282		0	0	
"2014-06-01	06:00:00"	8.16	140.8	7.632	11.74	4.569	137.8	15.82	8.16	70.6	69.69	0.91	65.13	64.28	26.27		0	0	
"2014-06-01	07:00:00"	7.655	140.5	8.01	11.14	4.199	136.7	16.02	8.16	69.28	68.34	0.938	68.27	66.93	26.265	2.2066		0	
"2014-06-01	08:00:00"	6.241	142.4	11.24	13.52	3.499	138.2	19.77	8.75	70.2	69.59	0.609	68.04	66.17	26.271	80.444		0	
"2014-06-01	09:00:00"	14.54	168.1	10.08	25.45	8.55	167.9	18.39	17.7	74.9	75.51	-0.612	62.78	60.48	26.301	253.16		0	
"2014-06-01	10:00:00"	16.54	168.5	10.38	23.66	9.8	167.6	18.27	18.89	78.85	80.1	-1.209	53.74	52.5	26.326	441.09		0	
"2014-06-01	11:00:00"	15.46	173.3	12.56	23.66	9.45	173.2	19.63	17.1	83.3	84.8	-1.51	44.44	44.5	26.337	607.49		0	
"2014-06-01	12:00:00"	15.1	178.3	13.1	22.47	9.28	179.1	20.11	15.31	88.2	90.1	-1.825	34.48	35.12	26.341	754.42		0	
"2014-06-01	13:00:00"	14.53	195.7	16.01	22.47	9.58	197	20.98	19.49	92.2	94	-1.847	25.96	26.48	26.348	848.6		0	
"2014-06-01	14:00:00"	12.38	203.5	17.36	21.87	8.57	204.4	21.24	16.51	95.1	96.7	-1.672	22.13	22.68	26.345	885.4		0	
"2014-06-01	15:00:00"	12.27	209	22.59	23.07	8.56	209.3	24.93	17.1	97.3	98.8	-1.447	18.86	19.48	26.325	881.2		0	
"2014-06-01	16:00:00"	10.72	190.8	21.84	21.87	7.342	192.5	26.75	15.31	99.3	100.9	-1.568	16.51	17.04	26.309	829.17		0	
"2014-06-01	17:00:00"	13.3	180.2	19.66	23.66	8.45	180.7	25.95	17.7	100.5	102.4	-1.907	15.3	15.74	26.286	729.73		0	
"2014-06-01	18:00:00"	12.12	191.1	25.23	21.87	7.851	192.6	29.12	14.72	101.6	102.9	-1.284	12.29	12.88	26.265	583.94		0	
"2014-06-01	19:00:00"	16.17	177.6	16.51	28.43	9.7	177.7	22.29	19.49	99.7	100.5	-0.754	14.86	15.58	26.252	291.24		0	
"2014-06-01	20:00:00"	20.11	162.6	10.13	29.63	11.64	162.5	18.14	20.68	96.1	96.1	0.005	20.4	21.75	26.237	98.19		0	
"2014-06-01	21:00:00"	19.35	163.4	8.86	27.84	11.05	163	16.78	20.09	93.3	93	0.294	24.13	25.73	26.238	31.542		0	
"2014-06-01	22:00:00"	16.21	165.1	8.69	27.24	9.23	165.1	17.24	17.1	89.4	88.9	0.542	29.67	31.65	26.241	0.24266		0	
"2014-06-01	23:00:00"	18.16	168.1	8.83	28.43	10.3	168.6	17.79	19.49	86.4	85.9	0.483	34.93	37.05	26.242		0	0	
"2014-06-02	00:00:00"	17.69	169.6	8.54	27.84	10.04	169.8	17.55	18.89	83.7	83.2	0.469	38.77	40.94	26.242		0	0	
"2014-06-02	01:00:00"	13.35	176.2	8.36	21.87	7.593	176.7	16.96	14.72	81	80.4	0.581	43.91	45.69	26.235		0	0	
"2014-06-02	02:00:00"	13.46	177.7	8.48	21.28	7.609	178.6	16.99	14.12	78.92	78.3	0.622	48.34	49.58	26.218		0	0	
"2014-06-02	03:00:00"	11.25	179.5	9.54	18.3	6.369	180.6	18.04	13.52	76.81	76.12	0.692	53.51	54.19	26.205		0	0	
"2014-06-02	04:00:00"	8.7	179.9	9.55	14.12	4.885	181.3	18.37	11.74	74.89	74.04	0.847	58.3	58.56	26.203		0	0	
"2014-06-02	05:00:00"	7.966	183.6	8.98	12.93	4.199	185.3	17.37	7.561	72.68	71.57	1.112	64.53	64.27	26.195		0	0	
"2014-06-02	06:00:00"	7.213	199	11.01	11.74	3.996	201.1	16.27	7.561	71.13	69.9	1.227	69.33	68.64	26.193		0	0	
"2014-06-02	07:00:00"	6.812	213.2	8.9	12.93	3.862	214.3	13.6	9.35	69.69	68.55	1.144	72.84	71.4	26.195	2.3197		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-02	08:00:00"	5.676	230.3	12.84	8.75	3.616	232.5	16.35	6.964	69.74	68.95	0.79	74.07	71.16	26.211	86.334		0	
"2014-06-02	09:00:00"	9.52	211.8	10.63	14.12	6.383	211.7	14.87	10.54	73.39	74.05	-0.657	67.29	63.94	26.247	268.77		0	
"2014-06-02	10:00:00"	9.11	218.6	13.35	13.52	6.285	216.6	16.95	11.14	77.59	78.8	-1.206	57.44	55.44	26.285	462.15		0	
"2014-06-02	11:00:00"	7.271	259.4	26.98	17.1	5.73	255.3	31.36	12.93	83.7	84.5	-0.802	40.88	42.02	26.309	629.49		0	
"2014-06-02	12:00:00"	6.061	298.7	39.54	12.33	4.798	297	45.52	9.35	90.7	91.4	-0.693	25.91	27.76	26.331	779.44		0	
"2014-06-02	13:00:00"	9.72	347.8	36.87	19.49	7.213	344.2	39.42	15.31	94.7	96	-1.302	20	21.33	26.353	858.2		0	
"2014-06-02	14:00:00"	11.68	17.31	18.08	21.28	8.28	13.67	21.18	15.91	95.7	97.3	-1.633	21.48	22.79	26.357	869.2		0	
"2014-06-02	15:00:00"	12.26	22.15	18.41	20.68	8.43	17.7	20.24	18.89	97.4	99.1	-1.71	19.79	21.03	26.349	900.13		0	
"2014-06-02	16:00:00"	9.41	14.45	31.5	20.68	6.667	10.8	32.79	16.51	100.1	101.5	-1.316	14.65	15.97	26.341	850.6		0	
"2014-06-02	17:00:00"	7.416	10.15	41.58	16.51	5.358	8.79	47.76	12.93	102.1	102.9	-0.82	10.57	11.78	26.336	742.52		0	
"2014-06-02	18:00:00"	5.91	54.58	41.86	13.52	4.075	47.12	44.27	11.74	102.4	102.8	-0.424	9.93	11.2	26.33	557.73		0	
"2014-06-02	19:00:00"	8.5	73.38	23.39	15.91	5.694	70.03	29.92	11.74	100.8	101.7	-0.935	13.02	13.98	26.323	406.12		0	
"2014-06-02	20:00:00"	7.816	35.17	25.41	15.91	4.947	29.83	26.28	13.52	99.8	99.6	0.223	13.81	15.2	26.324	211.51		0	
"2014-06-02	21:00:00"	10.2	69.77	15.61	16.51	5.971	64.6	22.1	11.14	96.1	95.7	0.388	20.64	22.3	26.334	43.16		0	
"2014-06-02	22:00:00"	11.97	81	10	19.49	7.1	77.43	20.09	12.93	90.6	90	0.633	32.21	34.64	26.334	0.15126		0	
"2014-06-02	23:00:00"	14.74	125.6	16.99	23.07	8.69	123.2	23.13	16.51	87.9	87.5	0.433	38.66	41.34	26.345	0		0	
"2014-06-03	00:00:00"	16.43	140.6	8.91	24.86	9.53	138.9	17.73	15.91	84.9	84.5	0.38	42.03	44.23	26.361	0		0	
"2014-06-03	01:00:00"	15.33	144.7	8.86	23.66	9.03	143.4	16.81	17.7	81.7	81.4	0.371	46.65	48.04	26.354	0		0	
"2014-06-03	02:00:00"	13.19	142.3	9.33	24.26	7.658	141.3	17.38	18.3	79.03	78.55	0.478	49.68	50.64	26.344	0		0	
"2014-06-03	03:00:00"	10.98	145.3	9.47	18.3	6.3	143.6	17.64	12.33	76.47	75.91	0.557	54.25	54.58	26.334	0		0	
"2014-06-03	04:00:00"	8.96	143.6	8.03	12.93	5.005	141.8	16.18	9.35	74.26	73.54	0.724	59.23	59.02	26.325	0		0	
"2014-06-03	05:00:00"	7.399	139.6	7.209	10.54	3.896	134.7	16.37	6.964	72.04	71.04	1.002	64.35	63.76	26.315	0		0	
"2014-06-03	06:00:00"	7.162	126.1	8.61	10.54	3.669	118	16.19	6.368	69.93	68.84	1.085	69.36	68.09	26.315	0		0	
"2014-06-03	07:00:00"	8.83	120.6	7.306	11.74	5.154	115.4	14.79	9.35	68.83	67.97	0.857	72.63	70.44	26.312	3.0224		0	
"2014-06-03	08:00:00"	9.69	121.7	9.96	15.31	6.034	118.5	17.77	11.14	69.67	69.43	0.235	72.72	69.44	26.321	88.278		0	
"2014-06-03	09:00:00"	12.88	153.7	12.48	18.3	7.703	153.5	20.06	13.52	72.61	73.44	-0.832	70.7	66.52	26.349	254.65		0	
"2014-06-03	10:00:00"	11.62	160.5	12.4	18.89	7.105	159.6	19.84	15.91	76.4	78.09	-1.691	63.92	60.15	26.376	460.54		0	
"2014-06-03	11:00:00"	11.53	150.8	15.13	17.1	7.337	149.8	22.57	12.93	80.6	82.5	-1.915	55.38	53.09	26.39	615.9		0	
"2014-06-03	12:00:00"	11.64	148	15.83	20.09	7.486	147.3	23.16	14.72	85.1	87.2	-2.133	45.35	44.73	26.401	768.87		0	
"2014-06-03	13:00:00"	13.19	146.8	18.22	21.87	8.47	146.5	24.72	16.51	88.7	91.1	-2.378	37.81	38.05	26.407	860.43		0	
"2014-06-03	14:00:00"	12.43	158.1	19.62	23.07	8.1	157	25.44	15.31	91.7	93.9	-2.186	32.38	32.72	26.398	897.56		0	
"2014-06-03	15:00:00"	12.58	154.8	18.98	21.87	8.11	155.2	26.25	15.31	94.5	96.8	-2.318	26.23	26.55	26.384	893.36		0	
"2014-06-03	16:00:00"	12.49	164.9	22.36	21.87	8.06	166.4	27.28	15.31	96.7	98.8	-2.11	22.01	22.4	26.368	839.92		0	
"2014-06-03	17:00:00"	13.56	169	19.92	25.45	8.77	169.7	26.46	17.1	97.3	99.2	-1.866	19.76	20.15	26.355	736.3		0	
"2014-06-03	18:00:00"	13.75	170.4	15.47	24.86	8.47	171.9	22.95	18.3	97.3	99	-1.707	19.77	20.21	26.342	576.64		0	
"2014-06-03	19:00:00"	14.7	165.8	14.64	24.26	8.89	166.7	22.13	17.1	96.3	97.5	-1.279	22.56	23.26	26.334	393.93		0	
"2014-06-03	20:00:00"	15.72	159.1	11.67	23.66	9.21	160.4	19.01	18.3	94.1	94.5	-0.362	24.99	26.27	26.326	209.64		0	
"2014-06-03	21:00:00"	17.99	148.2	10.03	26.65	10.32	149	17.68	17.7	89.8	89.7	0.099	32.74	34.58	26.309	33.336		0	
"2014-06-03	22:00:00"	17.15	151.8	9.55	26.65	10.07	152.5	17.65	18.89	85.1	84.7	0.379	40.38	42.64	26.296	0.1396		0	
"2014-06-03	23:00:00"	16.98	161.1	10.31	26.65	9.88	161.8	17.67	20.09	81.8	81.4	0.373	45.34	46.77	26.294	0		0	
"2014-06-04	00:00:00"	17.56	166.9	8.9	29.03	10.06	167.9	17.18	21.87	78.82	78.46	0.364	50.78	51.35	26.289	0		0	
"2014-06-04	01:00:00"	16.37	170.1	8.63	26.05	9.31	171.9	18.1	16.51	76.73	76.35	0.379	56.02	55.91	26.276	0		0	
"2014-06-04	02:00:00"	15.55	173.4	9.01	23.66	9.08	174.7	17.41	17.1	75.23	74.89	0.349	61.04	60.22	26.264	0		0	
"2014-06-04	03:00:00"	13.37	178.8	9.03	20.09	7.631	180.4	17.07	14.12	73.9	73.47	0.425	64.26	63.07	26.25	0		0	
"2014-06-04	04:00:00"	11.13	175.8	8.87	17.1	6.33	176.7	17.26	11.74	72.69	72.13	0.557	66.31	64.94	26.232	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-04	05:00:00"	10.38	176.2	8.77	17.1	5.829	176.7	17.57	11.14	71.4	70.75	0.651	68.99	67.29	26.215	0	0		
"2014-06-04	06:00:00"	8.26	185.3	15.62	12.93	4.664	187.1	21.88	9.35	70.37	69.63	0.745	71	69.13	26.207	0	0		
"2014-06-04	07:00:00"	5.138	206.7	12.48	9.35	1.837	211.6	23.53	5.771	68.95	67.2	1.747	73.71	73.04	26.211	1.4786	0		
"2014-06-04	08:00:00"	6.04	192.1	10.76	11.14	2.875	187.3	19.13	8.16	69.83	68.48	1.349	72.54	70.89	26.209	85.914	0		
"2014-06-04	09:00:00"	12.62	185.4	8.85	20.09	7.707	186.2	17.03	14.72	73.65	74.34	-0.693	64.94	61.94	26.234	263.72	0		
"2014-06-04	10:00:00"	10.36	194.9	12.62	17.7	6.892	195.9	18.44	14.12	78.32	79.49	-1.174	55.37	53.69	26.272	451.45	0		
"2014-06-04	11:00:00"	8.79	209.4	16.77	14.72	6.268	209.6	19.95	10.54	84.4	85.4	-1.013	43.27	43.91	26.288	618.68	0		
"2014-06-04	12:00:00"	9.04	214.6	16.6	14.72	6.725	215	20.3	12.33	90.4	91.1	-0.692	33.25	34.82	26.294	768.4	0		
"2014-06-04	13:00:00"	9.57	216.2	21.1	17.7	7.149	215.7	23.84	14.72	95.5	96.3	-0.885	25.66	27	26.307	860.39	0		
"2014-06-04	14:00:00"	8.71	213.7	28.7	16.51	6.601	215.7	29.29	12.93	99.5	100.2	-0.709	19.85	21.24	26.302	899.23	0		
"2014-06-04	15:00:00"	7.81	220.8	31.97	19.49	5.939	218.4	36.8	17.1	102.7	102.8	-0.14	15.09	16.64	26.291	895.14	0		
"2014-06-04	16:00:00"	7.321	229.4	42.78	18.3	5.708	230.9	45.8	15.91	105	105.2	-0.26	11.51	12.9	26.277	822.07	0		
"2014-06-04	17:00:00"	9.64	194.3	26.51	17.7	6.634	196.4	30.72	15.91	104.8	105.8	-0.998	11.11	11.97	26.262	737	0		
"2014-06-04	18:00:00"	11.61	187.4	21.12	23.07	7.623	189.6	25.28	18.3	104.5	105.7	-1.189	10.91	11.6	26.246	583.29	0		
"2014-06-04	19:00:00"	13.26	181.9	17.72	24.26	8.35	183.4	22.7	15.31	103.3	104.4	-1.014	12.57	13.26	26.234	403.15	0		
"2014-06-04	20:00:00"	18.37	170.8	9.96	27.84	10.68	171	17.62	20.68	100.5	100.8	-0.234	15.64	16.66	26.234	214.91	0		
"2014-06-04	21:00:00"	19.27	166.7	9.45	28.43	11.11	167	17.26	23.07	95.9	95.7	0.205	19.08	20.2	26.233	48.411	0		
"2014-06-04	22:00:00"	17.33	162.9	8.17	26.65	10.02	162.5	16.08	17.7	90.7	90.1	0.542	24.54	25.95	26.224	0.20929	0		
"2014-06-04	23:00:00"	14.91	159.4	7.984	24.26	8.64	159	16.22	17.7	86.7	86.1	0.622	29.38	30.97	26.225	0	0		
"2014-06-05	00:00:00"	14.29	175.3	9.48	23.07	8.25	176.3	17.69	16.51	83.4	82.8	0.598	35.52	37.35	26.234	0	0		
"2014-06-05	01:00:00"	15.68	174	8.62	24.86	8.94	173.7	17.06	15.91	80.6	80.1	0.488	42.59	44.09	26.223	0	0		
"2014-06-05	02:00:00"	13.85	181.8	8.52	23.66	8.06	183.1	17.45	14.72	78.05	77.58	0.475	50.27	50.91	26.216	0	0		
"2014-06-05	03:00:00"	11.69	182.7	9.51	20.09	6.926	185.3	17.44	13.52	76.19	75.68	0.515	54.69	54.86	26.2	0	0		
"2014-06-05	04:00:00"	10.05	182.2	8.36	14.72	5.681	183.1	16.79	11.14	74.36	73.67	0.693	57.91	57.8	26.185	0	0		
"2014-06-05	05:00:00"	7.952	187.6	8.23	11.74	4.205	189.3	16.01	8.16	72.52	71.53	0.996	61.47	61.2	26.174	0	0		
"2014-06-05	06:00:00"	5.885	210.2	23.53	9.95	3.052	213.2	31.56	5.771	71.03	69.1	1.933	64.69	65.39	26.161	0	0		
"2014-06-05	07:00:00"	6.825	186.2	10.86	10.54	3.303	188.3	18.37	5.175	68.89	67.31	1.578	69.88	69.22	26.146	2.6735	0		
"2014-06-05	08:00:00"	7.263	199	12.57	13.52	4.396	200.7	18.18	9.95	70.31	69.59	0.725	68.56	66.36	26.155	91.03	0		
"2014-06-05	09:00:00"	12.13	189.7	9.28	18.3	7.661	191.3	16.29	15.31	75.28	75.87	-0.597	58.81	56.96	26.183	266.84	0		
"2014-06-05	10:00:00"	10.34	195.7	15.69	16.51	6.961	196.8	19.87	12.93	79.19	80.3	-1.108	50.97	49.95	26.217	454	0		
"2014-06-05	11:00:00"	7.599	209.5	16.43	11.74	5.674	210	19.02	9.95	84.5	85.2	-0.712	40.98	41.97	26.237	619.59	0		
"2014-06-05	12:00:00"	5.855	229.1	36.69	11.74	4.656	230.7	37.14	9.95	91.2	91.3	-0.099	30.05	31.99	26.249	765.09	0		
"2014-06-05	13:00:00"	3.6	149.7	87.6	9.35	2.957	145.5	94.2	7.561	98.9	97.9	0.966	20.8	24.06	26.266	857.81	0		
"2014-06-05	14:00:00"	8.46	31.99	30.8	17.7	5.97	26.4	36.55	14.72	99.9	100.9	-1.088	15.81	17.59	26.268	897.14	0		
"2014-06-05	15:00:00"	7.888	47.73	41.83	17.7	5.611	39.88	45.99	12.33	102.5	103.7	-1.183	12.05	13.46	26.26	889.41	0		
"2014-06-05	16:00:00"	7.563	67.04	53.08	14.72	5.45	59.94	56.21	12.93	104.3	105.3	-1.083	11.04	12.33	26.25	835.69	0		
"2014-06-05	17:00:00"	7.114	78.4	50.24	16.51	5.027	67.36	61.22	11.74	105.3	106.1	-0.754	10.67	12.24	26.235	726.57	0		
"2014-06-05	18:00:00"	8.42	156.1	55.63	17.1	5.835	157	59.14	14.12	105.4	106.2	-0.813	8.87	9.77	26.216	554.44	0		
"2014-06-05	19:00:00"	11.02	146.7	28.03	21.87	6.752	146.9	33.58	15.91	102.9	103.1	-0.236	10.68	11.51	26.203	172.77	0		
"2014-06-05	20:00:00"	20.77	157.2	10.15	32.01	12.01	156.8	17.66	23.07	98.7	98.6	0.035	16.78	17.87	26.188	65.661	0		
"2014-06-05	21:00:00"	20.02	158	9.98	33.8	11.61	157.1	18.31	24.26	94.3	94.2	0.103	23.54	24.84	26.204	28.308	0		
"2014-06-05	22:00:00"	16.75	150.2	10.4	26.65	9.71	148.7	18.31	21.28	89.6	89.4	0.281	32.6	34.53	26.22	1.3141	0		
"2014-06-05	23:00:00"	17.14	159.6	9.32	27.24	9.97	158.8	17.67	18.3	85.8	85.4	0.341	39.69	41.85	26.227	0	0		
"2014-06-06	00:00:00"	15.91	159.9	8.9	26.65	9.31	159.7	17.14	20.09	82.8	82.4	0.404	45.52	47.08	26.232	0	0		
"2014-06-06	01:00:00"	17.11	164.3	8.9	30.22	9.92	164.1	16.81	20.09	80.3	79.97	0.345	53.44	53.91	26.223	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-06	02:00:00"	14.22	164.7	9.03	22.47	8.29	165	16.81	15.31	77.9	77.49	0.409	60.09	59.82	26.213	0	0		
"2014-06-06	03:00:00"	11.65	167	8.73	18.89	6.503	166.9	16.52	13.52	75.95	75.4	0.548	64.49	63.84	26.192	0	0		
"2014-06-06	04:00:00"	9.62	190.7	12.96	18.3	5.601	192.2	18.83	11.74	74.42	73.83	0.585	67.92	66.77	26.179	0	0		
"2014-06-06	05:00:00"	7.686	177.9	12.9	12.93	4.061	179	20.47	8.16	72.75	71.74	1.008	71.37	70.37	26.165	0	0		
"2014-06-06	06:00:00"	8.95	163	10.68	13.52	4.885	160.8	19.35	9.35	72	71.03	0.971	72.83	71.58	26.161	0	0		
"2014-06-06	07:00:00"	7.03	156.8	11.31	10.54	3.667	155	20.09	7.561	71.25	70.13	1.117	74.08	72.85	26.171	1.7635	0		
"2014-06-06	08:00:00"	6.958	134.1	32.8	12.33	3.983	130.9	37.51	8.75	72.53	72.02	0.509	71.65	69.63	26.191	93.327	0		
"2014-06-06	09:00:00"	10.95	95	19.82	18.3	7.238	92.5	26.08	14.72	75.1	75.9	-0.798	66.72	64.19	26.236	268.45	0		
"2014-06-06	10:00:00"	15.11	126	14.98	21.87	9.57	123.8	21.2	16.51	78.29	79.83	-1.537	60.07	57.62	26.254	453.81	0		
"2014-06-06	11:00:00"	13.89	141.5	14.1	21.28	8.78	141.2	20.76	16.51	82.6	84.5	-1.874	51.59	50.24	26.259	616.49	0		
"2014-06-06	12:00:00"	13.19	136.3	16.42	21.28	8.51	135.8	23.42	16.51	87	89.1	-2.174	43.19	43.17	26.271	757.85	0		
"2014-06-06	13:00:00"	13.15	139.8	18.17	22.47	8.45	137.9	25.51	15.91	91.1	93.5	-2.344	35.68	36.19	26.284	848.34	0		
"2014-06-06	14:00:00"	15.32	144.3	20.58	29.03	9.71	142.4	27.37	20.68	93.7	96.2	-2.426	31	31.46	26.28	884.04	0		
"2014-06-06	15:00:00"	15.58	155.1	19.02	37.98	9.79	154.4	25.38	25.45	96.1	98.4	-2.324	26.76	27.21	26.268	877.71	0		
"2014-06-06	16:00:00"	16.56	152.9	17.19	27.84	10.38	152.6	24.84	21.87	96.9	99.2	-2.293	24.45	24.85	26.253	827.99	0		
"2014-06-06	17:00:00"	17.88	155.6	16.81	32.01	10.82	155.2	22.72	23.07	97.4	99.6	-2.203	24.16	24.61	26.238	720.85	0		
"2014-06-06	18:00:00"	19.78	155.8	12.3	30.82	11.85	155.7	19.21	21.87	95.9	97.8	-1.916	25.24	25.72	26.222	582.42	0		
"2014-06-06	19:00:00"	22.98	160	10.8	34.4	13.44	159.9	18.28	25.45	92.7	93.5	-0.758	28.93	30.14	26.206	162.21	0		
"2014-06-06	20:00:00"	20.28	176.1	44.09	40.96	12	176.9	43.28	29.63	90.9	90.9	-0.008	24.5	25.68	26.204	56.546	0		
"2014-06-06	21:00:00"	23.02	160.4	8.79	33.8	13.49	160	16.9	24.86	87	87.1	-0.055	36.46	38.13	26.172	32.018	0		
"2014-06-06	22:00:00"	21.63	162.8	8.83	34.4	12.55	163.1	16.5	23.66	84.6	84.5	0.143	40.8	42.58	26.19	1.3648	0		
"2014-06-06	23:00:00"	22.99	164.4	8.58	39.17	13.38	164.1	16.13	24.26	81.8	81.7	0.172	48.17	49.03	26.191	0	0		
"2014-06-07	00:00:00"	19.53	166.9	10.1	36.19	11.27	166	17.28	23.07	79.65	79.45	0.209	54.18	54.33	26.199	0	0		
"2014-06-07	01:00:00"	20.14	169.5	9.43	30.82	11.5	170	18.21	20.68	78.19	77.96	0.235	57.5	57.24	26.195	0	0		
"2014-06-07	02:00:00"	16.72	147.4	20.9	29.63	9.74	145.8	26.86	18.89	77.39	77.08	0.311	58.54	58.24	26.198	0	0		
"2014-06-07	03:00:00"	13.71	128.1	23.72	23.07	8.32	125.9	28.23	15.91	76.61	76.26	0.35	59.96	59.52	26.197	0	0		
"2014-06-07	04:00:00"	12.97	123.7	21.79	21.28	7.87	121.8	28.42	14.72	75.67	75.26	0.414	61.18	60.61	26.2	0	0		
"2014-06-07	05:00:00"	14.52	131.6	18.42	26.05	8.66	129.7	24.23	15.91	74.66	74.29	0.37	63.02	62	26.195	0	0		
"2014-06-07	06:00:00"	13.06	132.9	14.71	23.07	7.948	131.5	21.98	15.31	73.26	72.89	0.368	66.55	64.9	26.195	0	0		
"2014-06-07	07:00:00"	12	137.6	13.06	19.49	7.096	136.2	20.97	13.52	71.67	71.25	0.414	71.13	68.74	26.19	1.8734	0		
"2014-06-07	08:00:00"	13.58	134.6	18.18	24.26	8.11	132.9	23.67	17.1	71.96	71.85	0.109	72.28	69.34	26.202	76.759	0		
"2014-06-07	09:00:00"	17.6	138.9	12.45	25.45	10.63	138.2	20.35	19.49	73.78	74.54	-0.754	67.91	64.55	26.24	240.22	0		
"2014-06-07	10:00:00"	15	128	13.49	25.45	9.35	126	20.08	17.7	75.64	77.06	-1.422	63.96	60.62	26.285	376.95	0		
"2014-06-07	11:00:00"	15.9	129.5	14.62	25.45	10.2	128	21.64	19.49	77.69	79.51	-1.814	59.41	56.35	26.296	561.3	0		
"2014-06-07	12:00:00"	13.52	140.3	18.03	24.86	8.68	139.2	24.97	17.1	81	83.1	-2.157	52.11	49.94	26.3	741.31	0		
"2014-06-07	13:00:00"	10.29	141.1	25.63	20.68	6.958	139.4	33.83	17.1	85.6	87.7	-2.076	43.44	43.11	26.312	838.16	0		
"2014-06-07	14:00:00"	8.89	140.9	28.35	17.7	5.962	138.4	38.79	12.33	89.2	91.1	-1.911	37.8	38.46	26.31	866	0		
"2014-06-07	15:00:00"	8.1	122.8	32.17	19.49	5.913	120.1	40.86	15.31	92.5	93.9	-1.442	33.44	34.84	26.302	853.5	0		
"2014-06-07	16:00:00"	7.725	125.2	44.1	26.65	5.675	125.4	55.89	23.07	94.5	95.8	-1.285	29.73	31.27	26.287	802.28	0		
"2014-06-07	17:00:00"	8.9	124.2	31.61	18.3	6.182	122	35.83	13.52	94.5	95.8	-1.298	29.18	30.54	26.27	509.97	0		
"2014-06-07	18:00:00"	9.98	133.2	25.3	21.87	6.569	132.5	30.93	15.91	93.8	94.8	-1.049	29.77	31.17	26.251	333.16	0		
"2014-06-07	19:00:00"	14.58	122.8	15.88	23.07	9.13	122.3	22.43	17.1	91.9	92.5	-0.603	33.06	34.75	26.238	142.08	0		
"2014-06-07	20:00:00"	17.89	134.1	19.45	27.84	10.76	134.5	25.29	19.49	89.5	89.9	-0.367	36.8	38.61	26.216	100.73	0		
"2014-06-07	21:00:00"	13.33	127.2	9.55	21.87	8.08	125.9	17.17	14.72	85.9	86.1	-0.154	45.84	47.16	26.226	41.104	0		
"2014-06-07	22:00:00"	12.64	138.8	10.17	18.89	7.382	138.1	18	13.52	83.1	82.9	0.274	48.64	49.91	26.238	0.32143	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-07	23:00:00"	14.98	135.7	8.43	24.26	8.83	135.5	17.16	16.51	80.8	80.5	0.27	52.04	52.65	26.237	0	0		
"2014-06-08	00:00:00"	11.74	143.7	9.28	19.49	6.842	143.7	16.99	14.12	79.3	78.96	0.345	54.27	54.62	26.247	0	0		
"2014-06-08	01:00:00"	13.06	150	10.69	22.47	7.746	150.5	18.49	15.91	78.73	78.4	0.327	55.06	55.25	26.24	0	0		
"2014-06-08	02:00:00"	9.29	109.8	43.56	18.89	5.477	106	47.76	13.52	77.58	77.27	0.309	57.27	57.07	26.25	0	0		
"2014-06-08	03:00:00"	17.27	69.35	16.13	29.63	10.3	64.01	23.22	20.68	71.45	71.82	-0.375	72.37	68.39	26.271	0	0		
"2014-06-08	04:00:00"	20.41	34.01	12.21	30.82	12.32	29.33	13.65	27.24	65.98	66.35	-0.374	84	77.91	26.277	0	0		
"2014-06-08	05:00:00"	17.45	56.39	9.8	26.65	10.15	50.6	17.02	18.89	64.1	64.4	-0.294	82.1	75.91	26.237	0	0		
"2014-06-08	06:00:00"	15.93	71.71	10.59	27.24	9.88	66.57	19.12	18.89	63.42	63.46	-0.048	86.9	80.6	26.227	0	0		
"2014-06-08	07:00:00"	12.01	81.3	10.79	18.89	7.468	77.01	19.72	12.93	63.41	63.59	-0.179	85.3	79.02	26.24	0.46231	0		
"2014-06-08	08:00:00"	8.35	64.57	10.66	12.93	5.227	60.19	19.61	9.95	64.01	64.37	-0.363	83.4	77.2	26.264	24.654	0		
"2014-06-08	09:00:00"	7.226	72.45	14.75	11.14	4.662	69.01	22.49	8.75	65.1	65.48	-0.383	79.47	73.93	26.298	30.792	0		
"2014-06-08	10:00:00"	7.934	96.7	12.23	13.52	5.519	94.9	20.36	9.95	65.5	65.76	-0.26	77.71	73.3	26.317	49.76	0		
"2014-06-08	11:00:00"	9.31	117.3	15.53	17.7	6.348	115.3	22.73	13.52	67.85	68.5	-0.651	74.39	71.01	26.303	268.12	0		
"2014-06-08	12:00:00"	11.58	64.9	23.25	17.1	7.049	60.12	28.47	15.91	68.75	69.33	-0.582	71.3	67.53	26.33	88.071	0		
"2014-06-08	13:00:00"	9.55	70.24	15.64	13.52	5.992	66.24	23.14	9.95	65.69	66.17	-0.484	85.6	81.7	26.326	166.32	0.03		
"2014-06-08	14:00:00"	10.14	94.9	16.27	15.91	7.102	92.1	23.82	12.93	68.42	69.47	-1.051	81.1	76.86	26.31	382.18	0		
"2014-06-08	15:00:00"	12.02	67.47	13.89	17.7	7.537	62.11	21.52	12.93	69.08	70.38	-1.303	78.49	73.49	26.295	329.84	0		
"2014-06-08	16:00:00"	12.28	74.98	13.78	19.49	8.02	69.52	21.66	15.31	73.06	74.82	-1.764	69.21	65.42	26.279	479.1	0		
"2014-06-08	17:00:00"	12.17	91.4	17.1	21.28	8.14	89.6	24.26	17.1	76.01	77.31	-1.296	63.2	60.91	26.267	332.92	0		
"2014-06-08	18:00:00"	13.85	116.9	14.14	23.07	9.22	114.4	20.3	18.3	79.93	81.2	-1.288	54.59	53.61	26.246	465.53	0		
"2014-06-08	19:00:00"	14.33	134.3	13.02	23.66	8.92	132.6	20.22	15.31	82.1	83.2	-1.139	50.8	50.46	26.23	307.22	0		
"2014-06-08	20:00:00"	12.75	119.4	15.01	20.68	8.08	116.7	21	15.31	80.7	80.9	-0.153	53.62	53.9	26.216	35.761	0		
"2014-06-08	21:00:00"	11.75	87.2	18.79	20.09	7.513	82.6	25.47	13.52	78.53	78.48	0.047	60.26	59.72	26.225	1.4011	0		
"2014-06-08	22:00:00"	14.71	112.2	30.61	23.66	8.86	110.1	35.2	18.89	76.84	76.69	0.143	67.41	66.21	26.219	0.05666	0		
"2014-06-08	23:00:00"	13.72	161.2	14.74	24.86	7.923	160.8	20.99	17.1	74.69	74.3	0.385	68.98	67.68	26.227	0	0		
"2014-06-09	00:00:00"	12.46	169.7	12.43	23.07	7.158	170.2	19.79	15.91	72.94	72.36	0.578	71.04	69.42	26.198	0	0		
"2014-06-09	01:00:00"	16.01	181.2	9.19	26.05	9.29	182.6	17.27	18.3	72	71.67	0.335	76.07	73.21	26.181	0	0		
"2014-06-09	02:00:00"	12.88	190.7	10.04	18.3	7.807	193.2	16.61	14.72	70.54	70.18	0.357	81.1	77.51	26.163	0	0		
"2014-06-09	03:00:00"	12.18	214.3	9.6	20.09	7.878	213.8	13.31	13.52	69.65	69.36	0.285	84.4	80.3	26.15	0	0		
"2014-06-09	04:00:00"	10.56	211.6	8.51	18.3	6.842	212	12.87	12.93	68.99	68.64	0.352	86	81.8	26.146	0	0		
"2014-06-09	05:00:00"	11.25	129.5	91	29.63	6.926	130.6	94.5	18.89	68.66	68.32	0.347	86	81.8	26.165	0	0		
"2014-06-09	06:00:00"	21.25	43.68	11.9	33.21	11.73	37.45	15.08	27.24	61.92	62.14	-0.224	78.34	72.97	26.23	0	0		
"2014-06-09	07:00:00"	17.47	50.23	9.71	27.84	9.26	41.9	15.26	18.89	60.95	61.08	-0.134	77.92	72.24	26.226	1.3611	0		
"2014-06-09	08:00:00"	16.69	38.5	11.96	24.86	9.54	32	14.1	18.3	61.1	61.32	-0.22	78.41	72.54	26.243	27.1	0		
"2014-06-09	09:00:00"	19.46	23.1	10.24	31.42	13.26	20.11	13.2	27.24	62.41	62.77	-0.363	72.86	67.81	26.274	138.7	0		
"2014-06-09	10:00:00"	22.13	19.62	10.38	31.42	15.76	16.69	13.35	26.65	64.24	65.06	-0.822	63.97	59.84	26.302	423.28	0		
"2014-06-09	11:00:00"	17.28	24.37	13.36	27.84	11.53	19.92	15.09	21.87	66.38	67.33	-0.955	56.31	53.42	26.329	428.19	0		
"2014-06-09	12:00:00"	16.15	20.18	15.55	25.45	10.95	16.81	17.98	20.68	69.72	71.24	-1.518	49.5	47.65	26.349	761.71	0		
"2014-06-09	13:00:00"	15.58	13.03	17.6	29.63	11.25	8.66	19.68	24.86	72.51	74.3	-1.789	39.84	39.39	26.365	860.32	0		
"2014-06-09	14:00:00"	14.29	20.12	17.16	24.26	9.96	15.99	19.27	20.09	75.13	77.01	-1.886	33.85	33.78	26.364	898.23	0		
"2014-06-09	15:00:00"	10.86	18.99	29.61	20.68	7.765	14.5	30.97	18.3	77.6	79.33	-1.732	30.33	30.61	26.356	894.6	0		
"2014-06-09	16:00:00"	9.76	357.3	40.15	21.28	7.481	353.4	41.95	17.7	79.77	81.2	-1.474	27.76	28.1	26.35	848.35	0		
"2014-06-09	17:00:00"	10.87	346.3	30.49	22.47	8.59	342.7	30.39	17.7	80.9	82.5	-1.559	24.65	24.59	26.342	745.7	0		
"2014-06-09	18:00:00"	10.31	345.3	29.36	18.89	8.13	342.4	29.93	17.7	81.5	82.9	-1.417	23.61	23.44	26.339	596.79	0		
"2014-06-09	19:00:00"	10.07	3.401	24.01	17.7	7.563	359.5	24.84	15.91	81.3	82.4	-1.133	23.82	23.62	26.332	418.02	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-09	20:00:00"	10.57	31.09	15.89	18.89	6.739	26.59	16.82	14.72	80.5	80.7	-0.238	23.2	23.37	26.319	227.98		0	
"2014-06-09	21:00:00"	8.43	50.41	16.7	15.31	4.997	45.89	21.02	10.54	78.63	78.56	0.07	23.93	24.29	26.316	55.96		0	
"2014-06-09	22:00:00"	7.563	72.2	9.19	9.95	4.165	72.08	19.3	6.368	73.4	72.27	1.14	30.06	31.04	26.312	0.42312		0	
"2014-06-09	23:00:00"	7.414	76.09	9.43	9.95	3.889	70.93	19.44	6.368	68.45	67.03	1.416	36.71	37.76	26.311	0		0	
"2014-06-10	00:00:00"	7.166	78.73	8.87	9.35	3.688	71.7	19.11	6.368	66.17	64.51	1.663	40.25	41.44	26.316	0		0	
"2014-06-10	01:00:00"	11.16	62.06	10.4	17.7	6.649	57.67	17.88	12.93	65.65	64.86	0.794	44.18	43.62	26.322	0		0	
"2014-06-10	02:00:00"	11.76	57.54	9.02	17.1	7.11	54.08	16.24	11.74	63.26	62.96	0.304	55.01	52.42	26.327	0		0	
"2014-06-10	03:00:00"	9.83	56.06	8.77	15.31	5.945	53.67	15.96	13.52	60.84	60.53	0.315	63.29	59.53	26.316	0		0	
"2014-06-10	04:00:00"	9.13	50.82	8.72	13.52	4.81	46.42	15.65	9.35	59.91	59.38	0.524	66.75	62.83	26.308	0		0	
"2014-06-10	05:00:00"	9.87	45.6	8.79	14.12	5.232	39.14	13.8	9.95	59.33	58.93	0.401	69.34	64.91	26.304	0		0	
"2014-06-10	06:00:00"	8.68	40.33	8.3	12.93	4.63	33.94	11.78	9.35	58.14	57.82	0.321	72.61	67.45	26.305	0		0	
"2014-06-10	07:00:00"	7.995	24.71	10.87	12.33	5.351	19.9	13.49	11.14	57.16	56.92	0.24	74.31	68.71	26.306	2.9623		0	
"2014-06-10	08:00:00"	4.836	0.046	19	11.14	3.469	351.3	19.37	8.16	58.45	58.4	0.044	70.87	65.92	26.32	91.781		0	
"2014-06-10	09:00:00"	7.783	33.02	16.5	11.74	5.018	27.33	19.08	8.75	63.04	63.66	-0.614	58.41	55.48	26.352	272.21		0	
"2014-06-10	10:00:00"	8.26	64.27	17.96	13.52	5.16	58.22	25.56	9.35	67.58	69.32	-1.739	46.88	45.28	26.384	461.48		0	
"2014-06-10	11:00:00"	5.781	83.6	37.16	11.74	4.243	77.65	46.7	8.75	73.14	74.32	-1.183	35.53	36.17	26.406	620.56		0	
"2014-06-10	12:00:00"	5.528	196.7	47.6	11.74	4.13	203.2	58.58	9.35	78.79	79.14	-0.346	27.11	27.65	26.419	769.99		0	
"2014-06-10	13:00:00"	7.997	187.3	35.04	18.3	5.707	186.5	38.98	12.33	80.7	81.7	-0.922	26.62	26.49	26.424	861.5		0	
"2014-06-10	14:00:00"	8.42	199.6	35.08	17.7	6.285	202.3	41.39	14.72	83	83.9	-0.964	25.47	25.38	26.415	900.9		0	
"2014-06-10	15:00:00"	8.07	199	42.28	16.51	5.997	201.9	45.22	13.52	85.9	86.9	-0.934	22.37	22.36	26.396	900.69		0	
"2014-06-10	16:00:00"	8.06	218	49.15	15.91	6.218	216.4	53.14	12.33	88.1	88.9	-0.772	19.47	19.5	26.378	849.96		0	
"2014-06-10	17:00:00"	7.318	196.6	57.29	17.1	5.342	202	60.56	15.31	90	90.8	-0.798	17.55	17.67	26.359	746.87		0	
"2014-06-10	18:00:00"	7.134	227.7	31.99	15.31	5.571	227	34.17	12.33	90.8	91.2	-0.399	16.4	16.55	26.34	598.58		0	
"2014-06-10	19:00:00"	6.724	189.9	31.7	14.12	4.672	193.6	36.23	13.52	91.3	91.8	-0.465	15.51	15.46	26.324	419.25		0	
"2014-06-10	20:00:00"	5.888	171	22.71	11.74	3.861	174	29.63	8.16	91	90.6	0.435	15.45	15.87	26.319	224.13		0	
"2014-06-10	21:00:00"	6.49	165	8.61	11.14	3.205	163.6	16.86	7.561	88.2	87.1	1.167	16.87	17.98	26.312	52.566		0	
"2014-06-10	22:00:00"	7.237	132.1	13.24	9.35	2.915	108.8	14.86	4.578	82.8	78.2	4.557	20.78	24.37	26.286	0.34395		0	
"2014-06-10	23:00:00"	8.05	119.9	13.19	11.14	3.818	111.8	20.41	5.771	78.64	76.18	2.465	24.09	26.05	26.272	0		0	
"2014-06-11	00:00:00"	9.37	146	8.82	12.33	4.845	144.5	17.45	8.75	76.93	75.4	1.523	27.7	29.03	26.275	0		0	
"2014-06-11	01:00:00"	7.421	143.7	7.096	10.54	3.251	133.5	16.05	6.368	73.85	71.68	2.165	32.87	34.93	26.275	0		0	
"2014-06-11	02:00:00"	7.317	134.7	5.657	8.75	3.039	115	13.74	3.982	71.24	68.27	2.964	37.76	40.82	26.25	0		0	
"2014-06-11	03:00:00"	5.987	133	7.531	8.75	2.14	110.8	18.44	4.578	69.8	66.66	3.136	41.47	44.88	26.231	0		0	
"2014-06-11	04:00:00"	5.027	128.2	7.646	7.561	2.018	83.5	13.22	3.386	69.03	65.76	3.271	42.03	45.73	26.214	0		0	
"2014-06-11	05:00:00"	5.419	112.7	16	8.75	2.662	77.62	13.46	4.578	68.55	65.6	2.949	43.28	46.19	26.208	0		0	
"2014-06-11	06:00:00"	5.434	108.1	11.12	7.561	2.761	81.5	13.71	4.578	65.86	63.62	2.244	48.03	49.18	26.204	0		0	
"2014-06-11	07:00:00"	6.997	130.7	8.54	10.54	3.461	120	17.25	7.561	66.1	64.21	1.893	51.49	51.92	26.191	2.7345		0	
"2014-06-11	08:00:00"	6.159	150.2	19.81	9.95	3.471	145.9	27.81	7.561	68.69	68.04	0.648	50.22	49.65	26.203	99.303		0	
"2014-06-11	09:00:00"	10.91	181.9	10.53	19.49	6.718	184.1	17.79	13.52	75.22	75.68	-0.46	40.99	41.31	26.236	268.73		0	
"2014-06-11	10:00:00"	11.43	187.2	10.62	17.1	7.237	190.4	17.71	12.33	79.22	80	-0.786	36.17	36.81	26.267	320.97		0	
"2014-06-11	11:00:00"	8.95	201.4	13.83	14.72	6.219	203	18.53	12.93	84.5	85.2	-0.747	30.31	31.08	26.275	517.34		0	
"2014-06-11	12:00:00"	9.94	224.7	18.47	17.1	7.627	223.9	19.31	14.12	90.8	91.5	-0.65	22.58	23.32	26.291	734.63		0	
"2014-06-11	13:00:00"	10.69	272.9	26.24	18.3	8.58	270.6	29.85	16.51	94.7	95.7	-0.995	18.66	19.34	26.302	836.42		0	
"2014-06-11	14:00:00"	9.41	285.4	24.34	20.09	7.51	281.9	29.1	17.1	98.6	99.9	-1.271	14.9	15.57	26.296	879.14		0	
"2014-06-11	15:00:00"	12.16	304.2	21.73	24.26	9.83	291.1	55.73	21.87	100.3	101.7	-1.36	10.81	11.08	26.29	788.59	0.01		
"2014-06-11	16:00:00"	5.997	256.2	65.36	26.05	7.107	300.4	47.6	42.15	103.2	101.3	1.873	9.06	10.29	26.283	601.25	0.11		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-11	17:00:00"	4.742	242.3	61.14	15.91	6.751	263.3	66.86	16.51	105.1	102.9	2.194	7.925	9.35	26.26	766.67		0	
"2014-06-11	18:00:00"	6.306	297.4	60.45	17.7	4.99	292.2	62.86	14.12	103.3	103.5	-0.137	7.689	8.64	26.238	595.55		0	
"2014-06-11	19:00:00"	11.19	254.6	17.76	22.47	8.64	250.4	20.5	16.51	100.1	100.1	-0.062	8.86	9.16	26.221	180.81		0	
"2014-06-11	20:00:00"	10.81	257.6	16.38	19.49	8.41	254.1	19.42	15.91	100.3	100	0.28	9.05	9.48	26.209	197.98		0	
"2014-06-11	21:00:00"	3.803	247.8	15.49	8.75	2.049	216	61.45	6.964	96.9	94.9	2.035	11.02	12.81	26.205	36.254		0	
"2014-06-11	22:00:00"	4.285	152.2	56.47	9.95	2.647	103.8	42.62	8.16	92	88.5	3.493	15.71	18.82	26.197	0.26964		0	
"2014-06-11	23:00:00"	11.07	136.9	12.89	17.7	6.091	137.7	20.73	11.74	88	86.8	1.182	21.16	22.37	26.201	0		0	
"2014-06-12	00:00:00"	12.01	124.7	7.982	17.7	7.087	123.5	15.19	12.93	83.9	83.2	0.713	31.39	32.86	26.21	0		0	
"2014-06-12	01:00:00"	12.97	127.9	12.62	26.05	7.505	126.9	20.32	18.3	81.1	80.5	0.62	39.37	41.17	26.212	0		0	
"2014-06-12	02:00:00"	11.19	124.5	35.62	23.07	6.681	123	41.01	14.72	77.99	77.46	0.534	47.22	48.24	26.207	0		0	
"2014-06-12	03:00:00"	5.337	56.15	30.08	8.75	3.164	53.56	32.94	7.561	75.77	74.61	1.158	51.86	53.08	26.207	0		0	
"2014-06-12	04:00:00"	4.627	67.16	23.23	6.964	2.286	54.64	18.99	4.578	73.96	71.38	2.584	53.7	56.69	26.194	0		0	
"2014-06-12	05:00:00"	4.135	49.94	32.13	9.95	2.194	61.91	62.35	5.771	73.46	70.97	2.494	52.82	55.9	26.189	0		0	
"2014-06-12	06:00:00"	4.498	354.6	36.27	11.14	2.657	10.62	50.18	6.368	73.98	70.06	3.92	50.2	55.4	26.197	0		0	
"2014-06-12	07:00:00"	5.66	327.3	54.12	14.72	3.851	295.7	58.65	12.33	69.78	68.18	1.601	58.33	58.54	26.21	1.933		0	
"2014-06-12	08:00:00"	15	358.7	14.06	23.66	10.71	355.1	17.28	22.47	70.32	70.33	-0.006	62.18	59.99	26.241	82.286		0	
"2014-06-12	09:00:00"	18.57	10.37	13.13	27.84	13.41	7.181	15.67	22.47	71.12	71.73	-0.607	57.96	55.71	26.275	272.97		0	
"2014-06-12	10:00:00"	19.53	11.73	13.55	29.03	13.95	9.04	16.83	25.45	73.54	74.53	-0.99	55.75	53.76	26.322	459.13		0	
"2014-06-12	11:00:00"	19.49	16.43	12.88	29.63	13.8	13.01	15.35	24.26	74.12	74.96	-0.836	54.59	52.91	26.351	340.83		0	
"2014-06-12	12:00:00"	18.37	18.92	13.54	26.65	12.84	16.4	16.04	23.07	77.05	78.32	-1.269	50.53	49.45	26.375	739.75		0	
"2014-06-12	13:00:00"	16.01	20.81	13.57	26.65	11.08	17.64	15.81	21.28	81	82.5	-1.537	44.6	44.58	26.393	875.62		0	
"2014-06-12	14:00:00"	16.37	28.19	16.21	26.65	10.61	24.12	18.48	20.09	83.5	85.3	-1.789	41.43	41.84	26.402	913.3		0	
"2014-06-12	15:00:00"	15.63	29.3	17.97	25.45	10.39	24.51	19.12	23.07	85.8	87.7	-1.858	38.26	39	26.398	935.14		0	
"2014-06-12	16:00:00"	12.74	39.5	18.56	23.07	8.14	34.19	21.83	17.7	87.9	89.7	-1.865	36.44	37.39	26.397	856.44		0	
"2014-06-12	17:00:00"	12.09	37.72	19.61	20.68	7.893	32.78	22.36	16.51	89.2	90.9	-1.756	34.82	35.89	26.396	737.55		0	
"2014-06-12	18:00:00"	13.86	45.5	17.88	25.45	8.47	39.99	21.46	25.45	88.3	90	-1.732	37.86	38.81	26.389	585.58		0	
"2014-06-12	19:00:00"	16.09	40.91	13.49	24.86	9.56	35.54	17.38	20.68	86.5	87.7	-1.195	41.33	42.29	26.373	399.31		0	
"2014-06-12	20:00:00"	14.79	44.01	13.64	23.66	8.59	37.83	17.44	16.51	84.7	85.3	-0.575	43.5	44.53	26.373	208.24		0	
"2014-06-12	21:00:00"	15.8	51.83	10.57	23.66	8.78	45.01	16.45	16.51	81.7	82	-0.319	49.14	49.49	26.374	48.398		0	
"2014-06-12	22:00:00"	15.49	54.67	10.5	23.66	8.86	48.48	17.23	16.51	78.43	78.43	-0.008	55.1	54.77	26.372	0.42953		0	
"2014-06-12	23:00:00"	15.82	66.4	8.88	24.26	9.75	61.87	17.31	18.89	75.85	75.79	0.065	61.63	60.41	26.381	0		0	
"2014-06-13	00:00:00"	17.32	74.2	9.2	26.65	10.48	69.32	19.44	18.89	73.23	73.19	0.049	68.59	66.17	26.396	0		0	
"2014-06-13	01:00:00"	15.08	77.02	9.74	24.26	9.11	72.63	19.32	17.1	70.75	70.64	0.105	73.24	69.98	26.399	0		0	
"2014-06-13	02:00:00"	13.78	79.52	9.71	21.28	8.3	76.28	19.77	16.51	69.19	69.03	0.158	76.57	72.75	26.398	0		0	
"2014-06-13	03:00:00"	13.74	74.72	9.5	20.09	8.46	70.02	19.65	14.12	67.86	67.72	0.145	80.1	75.68	26.395	0		0	
"2014-06-13	04:00:00"	11.22	83.8	10.74	16.51	6.959	81	21.19	12.33	67.61	67.6	0.005	81.2	76.37	26.399	0		0	
"2014-06-13	05:00:00"	8.67	95.5	12.15	16.51	5.792	94.1	20.67	12.33	68.27	68.37	-0.108	79.69	75	26.405	0		0	
"2014-06-13	06:00:00"	9.63	78.44	16.57	17.1	6.139	74.21	23.35	12.33	68.13	68.09	0.049	80.7	76.17	26.399	0		0	
"2014-06-13	07:00:00"	7.639	71.3	13.23	14.12	4.828	66.37	20.07	9.95	67.16	67.1	0.06	83.7	78.65	26.402	1.9254		0	
"2014-06-13	08:00:00"	11.52	82.4	10.41	17.7	7.147	77.08	20.7	13.52	68.29	68.67	-0.387	83.8	78.28	26.424	71.243		0	
"2014-06-13	09:00:00"	10.89	99.7	10.35	17.1	7.387	98.9	18.38	12.93	68.84	69.23	-0.392	83	77.59	26.44	50.062		0	
"2014-06-13	10:00:00"	11.23	94.7	12.4	17.1	7.49	92.6	20.41	12.93	68.59	69.4	-0.811	86.2	79.62	26.442	152.57		0	
"2014-06-13	11:00:00"	11.23	111.2	15.76	17.7	7.537	109.1	22.14	13.52	72.29	73.27	-0.981	74	69.57	26.442	258.74		0	
"2014-06-13	12:00:00"	9.23	134.7	18.45	16.51	6.175	135.2	25.72	11.74	75.48	76.68	-1.2	66.29	62.83	26.449	341.17		0	
"2014-06-13	13:00:00"	6.949	181.1	30.12	13.52	4.85	183.3	34.61	11.74	77.84	78.84	-1.003	61.95	59.32	26.45	404.62		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-13	14:00:00"	8.26	161.8	33.89	20.09	5.752	162.9	43.16	15.31	82.7	84	-1.234	52.88	51.67	26.428	877.42	0		
"2014-06-13	15:00:00"	10.01	140.7	25.76	20.68	6.716	142.7	34.67	15.31	86.2	88.3	-2.034	44.42	43.88	26.403	907.95	0		
"2014-06-13	16:00:00"	11.57	155	23.7	21.87	7.631	155	30.45	16.51	89.8	91.8	-1.942	35.09	35.57	26.381	829.91	0		
"2014-06-13	17:00:00"	10.96	147.3	21.13	21.28	7.054	145.2	28.33	14.72	90.6	92	-1.407	33.19	34.23	26.356	441.48	0		
"2014-06-13	18:00:00"	12.1	158.8	24.27	23.66	7.546	158.7	29.67	15.91	91.1	92	-0.902	31.6	33.07	26.33	301.5	0		
"2014-06-13	19:00:00"	14.87	149.5	14.73	25.45	8.86	149.3	21.49	18.89	91	91.6	-0.619	31.23	32.88	26.314	185.39	0		
"2014-06-13	20:00:00"	12.12	156.2	12.11	20.09	6.982	155.9	19.68	13.52	90.3	90.3	0.005	30.03	32.12	26.294	62.045	0		
"2014-06-13	21:00:00"	13.84	169.5	33.1	46.33	8.6	170	35.89	35	88.2	87.7	0.542	32.34	35.51	26.301	3.0702	0.05		
"2014-06-13	22:00:00"	18.12	162.9	84.7	45.73	12.47	158	87.9	39.17	77.85	75.16	2.694	47.97	56.05	26.269	0.00019	0.1		
"2014-06-13	23:00:00"	14.46	314.6	36.63	33.21	11.19	313.9	37.52	24.86	69.34	69.14	0.2	74.35	72.64	26.384	0.00056	0.01		
"2014-06-14	00:00:00"	7.508	74.18	49.03	14.72	4.48	74.45	51.97	10.54	68.43	67.83	0.604	77.36	76.46	26.333	0	0.01		
"2014-06-14	01:00:00"	9.76	142	17.24	15.91	5.397	141.4	22.88	11.14	67.05	66.52	0.524	83.2	80.8	26.286	0	0		
"2014-06-14	02:00:00"	8.95	147.9	11.32	12.93	4.671	146.6	19.93	9.95	67.09	66.2	0.895	79.75	78.69	26.28	0	0		
"2014-06-14	03:00:00"	10.24	153.7	10.23	17.7	5.481	153.7	18.22	12.93	67.73	66.93	0.805	75.58	74.4	26.278	0	0		
"2014-06-14	04:00:00"	5.631	169.2	29.98	9.95	2.862	171.8	38.35	6.964	66.59	65.92	0.675	80.7	78.42	26.267	0	0		
"2014-06-14	05:00:00"	4.125	185.6	60.21	8.16	1.668	157.7	75.51	5.771	65.46	64.52	0.94	85.7	83.9	26.259	0	0		
"2014-06-14	06:00:00"	9.71	192.9	19.44	17.1	5.737	194.3	24.38	12.33	66.08	65.62	0.457	84.1	81.2	26.255	0	0		
"2014-06-14	07:00:00"	15.2	197.4	8.72	23.07	9.3	200.3	14.71	18.3	66.36	66.15	0.209	83.7	79.58	26.24	2.0377	0		
"2014-06-14	08:00:00"	15.37	204.8	9.03	23.07	9.6	206.9	14.24	16.51	66.42	66.34	0.071	84.9	80.1	26.236	75.643	0		
"2014-06-14	09:00:00"	14.84	206.3	8.93	24.86	9.6	207.9	13.87	18.89	69.45	69.91	-0.466	79.9	75.48	26.242	266.99	0		
"2014-06-14	10:00:00"	12.65	202.3	9.83	18.3	8.35	204.8	14.77	14.72	72.88	73.85	-0.975	71.6	68.57	26.262	460.41	0		
"2014-06-14	11:00:00"	13.26	212.7	10.97	20.09	9.05	213.6	14.68	15.31	76.91	77.82	-0.907	61.44	60.83	26.267	611.04	0		
"2014-06-14	12:00:00"	14.22	214	11.13	20.68	9.73	215.2	15.03	15.91	82	82.8	-0.847	49.32	50.9	26.271	744.56	0		
"2014-06-14	13:00:00"	15.49	222.4	12.49	26.65	11.02	221.8	15.04	21.87	88.4	89.1	-0.75	32.21	35.07	26.278	851.87	0		
"2014-06-14	14:00:00"	14.19	223.2	17.53	22.47	10.19	223.3	19.53	19.49	92.2	93.2	-1.01	26.92	29.18	26.273	926.5	0		
"2014-06-14	15:00:00"	13.36	227.8	18.09	26.05	9.88	227	20.05	20.68	95.4	96.3	-0.925	21.67	23.67	26.258	924.63	0		
"2014-06-14	16:00:00"	14.09	201.2	28.02	23.66	9.42	203.7	29.42	17.7	96.2	97.2	-1.022	19.46	21.03	26.236	616.64	0		
"2014-06-14	17:00:00"	11.94	217.6	35.05	29.03	8.68	218	34.88	19.49	98.1	99.1	-0.994	14.58	15.94	26.216	675.31	0		
"2014-06-14	18:00:00"	13.64	237.9	18.75	23.66	10.71	236.2	18.2	19.49	99.7	100.5	-0.728	11.95	13.1	26.203	692.03	0		
"2014-06-14	19:00:00"	18.87	199.4	29.44	36.78	11.99	201.3	32.21	26.65	96.1	96.7	-0.632	19.68	20.78	26.194	398.67	0		
"2014-06-14	20:00:00"	18.47	179.2	9.28	30.22	10.91	182.4	16.56	20.68	92	92.1	-0.146	26.61	28.45	26.171	188.63	0		
"2014-06-14	21:00:00"	15.81	180	8.49	25.45	9.08	182.7	16.63	17.7	91.3	90.8	0.428	22.98	24.98	26.16	39.193	0		
"2014-06-14	22:00:00"	14.05	170.6	8.5	21.87	7.954	171.9	16.84	15.91	87.4	86.6	0.803	22.58	24.32	26.169	0.48937	0		
"2014-06-14	23:00:00"	15.74	172.4	9.57	30.82	8.94	174.3	17.9	25.45	84.2	83.6	0.583	27.3	28.95	26.183	0	0		
"2014-06-15	00:00:00"	8.37	184.3	49.07	23.07	5.276	186.8	55.48	15.91	81.6	81.1	0.579	34.36	37.18	26.218	0	0		
"2014-06-15	01:00:00"	13.56	178.9	21.18	27.84	7.883	181	27.94	18.89	77.85	77.31	0.544	46.15	47.93	26.206	0	0		
"2014-06-15	02:00:00"	14.26	181.7	7.827	24.86	8.14	184.2	15.86	15.91	75.13	74.64	0.492	51.61	52.33	26.201	0	0		
"2014-06-15	03:00:00"	9.54	188.4	18.18	18.3	5.659	193	23.16	12.33	73.59	73.03	0.562	56.66	56.76	26.187	0	0		
"2014-06-15	04:00:00"	9.31	181.7	10.51	17.1	5.228	185.7	18.43	11.74	73.35	72.67	0.673	61.93	61.66	26.177	0	0		
"2014-06-15	05:00:00"	7.316	189.4	8.96	11.74	3.873	193.7	15.74	8.75	72.17	71.05	1.123	66.62	66.69	26.172	0	0		
"2014-06-15	06:00:00"	4.717	201.2	17.08	7.561	1.757	207.2	31.04	5.175	70.24	68.29	1.958	71.1	72.11	26.166	0	0		
"2014-06-15	07:00:00"	5.751	250.3	14.99	9.35	3.089	258.5	17.36	5.175	69.15	66.74	2.402	74.39	75.54	26.171	2.9415	0		
"2014-06-15	08:00:00"	5.358	256	20.33	7.561	3.515	257.5	28.93	6.964	70.08	68.88	1.194	73.84	73.15	26.193	92.166	0		
"2014-06-15	09:00:00"	6.575	243.2	16.66	10.54	5.159	241.5	18.66	8.16	73.48	73.51	-0.028	68.09	66.21	26.237	277.36	0		
"2014-06-15	10:00:00"	7.674	268.7	31.89	12.93	6.306	266	35.09	11.74	79.18	79.67	-0.487	52.11	52.83	26.277	475.27	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-15	11:00:00"	10.75	323.3	12.13	16.51	8.92	323.4	13.81	15.31	83.4	84.2	-0.836	32.16	34.15	26.301	652.81	0		
"2014-06-15	12:00:00"	9.67	342.6	22.44	14.72	7.855	340.6	23.39	12.93	87.5	88.6	-1.082	23.32	24.81	26.319	813.64	0		
"2014-06-15	13:00:00"	8.38	2.635	23.45	14.72	6.363	0.53	25.26	13.52	91.9	93.1	-1.214	18.31	19.73	26.336	909.25	0		
"2014-06-15	14:00:00"	7.253	331.1	56.36	14.72	5.639	330.2	58.03	14.72	95.8	96.4	-0.657	12.01	13.2	26.34	944.77	0		
"2014-06-15	15:00:00"	6.517	233	53.5	15.31	5.146	235.7	58.95	11.74	99.2	99.2	-0.039	8.26	9.21	26.338	938.86	0		
"2014-06-15	16:00:00"	9.83	233.4	34.91	18.3	7.637	232.5	36.22	15.31	98.9	99.8	-0.951	6.203	6.273	26.325	895.74	0		
"2014-06-15	17:00:00"	8.92	247.4	37.97	20.68	7.255	245.5	37.34	18.89	99.3	100	-0.692	8	8.37	26.308	782.64	0		
"2014-06-15	18:00:00"	7.588	202.6	53.11	21.87	5.338	203.5	59.39	15.31	100.3	100.7	-0.449	8.1	8.57	26.287	626.29	0		
"2014-06-15	19:00:00"	8.84	210.2	41.9	18.3	6.564	212.2	45.48	18.3	100	100.5	-0.506	8.29	8.55	26.268	433.77	0		
"2014-06-15	20:00:00"	9.37	194.9	36.37	17.1	6.105	196.1	38.06	12.33	99.4	99.2	0.228	8.78	9.33	26.262	250.8	0		
"2014-06-15	21:00:00"	6.091	193.1	15.01	12.93	3.31	194.2	18.97	8.75	97.1	96	1.073	10.21	11.72	26.26	56.262	0		
"2014-06-15	22:00:00"	10.14	117.4	28.79	23.07	6.351	103.2	27.27	18.89	91.8	90	1.738	23.42	26.39	26.26	0.61178	0		
"2014-06-15	23:00:00"	19.15	145.6	20.99	37.98	11.22	146.6	25.94	23.66	87.7	87.4	0.289	38.41	40.84	26.281	0	0		
"2014-06-16	00:00:00"	23.71	156.8	9.68	36.19	13.77	158.9	17.3	26.65	83.8	83.7	0.15	49.55	50.93	26.307	0	0		
"2014-06-16	01:00:00"	23.11	170	9.5	35	13.05	171.5	17.98	23.66	82	81.8	0.172	52.83	53.74	26.307	0	0		
"2014-06-16	02:00:00"	18.67	175.1	9.5	31.42	10.72	175.6	17.57	23.07	81	80.7	0.302	52.52	53.58	26.288	0	0		
"2014-06-16	03:00:00"	13.48	178.9	8.95	21.87	7.65	179.9	16.96	15.31	79.38	78.92	0.462	51.32	52.61	26.27	0	0		
"2014-06-16	04:00:00"	9.83	196.8	12.12	15.31	5.841	199.1	17.03	11.74	77.69	77.05	0.643	49.48	51.08	26.274	0	0		
"2014-06-16	05:00:00"	7.554	200.7	19.49	12.93	4.286	197.6	25.43	9.35	75.78	74.9	0.886	48.65	50.58	26.272	0	0		
"2014-06-16	06:00:00"	9.53	170.4	10.65	15.31	5.147	171.1	19.19	9.95	73.9	72.98	0.919	51.05	52.35	26.269	0	0		
"2014-06-16	07:00:00"	10.79	161.3	8.81	17.1	6.085	161.6	18.42	12.33	74.29	73.58	0.709	50.41	51.37	26.287	1.6806	0		
"2014-06-16	08:00:00"	11.96	165.9	9.24	17.1	6.84	166.9	17.71	12.33	75.12	74.62	0.503	50.94	51.8	26.308	67.159	0		
"2014-06-16	09:00:00"	13.94	180.2	9.37	20.09	8.33	181.4	16.4	14.72	77.54	77.86	-0.322	48.97	49.08	26.335	227.73	0		
"2014-06-16	10:00:00"	14.38	187.9	9.45	20.09	8.88	190.6	16.36	15.31	78.74	79.17	-0.426	51.69	51.45	26.359	257.06	0		
"2014-06-16	11:00:00"	14.29	191	10.59	20.09	8.84	192.7	16.79	15.91	80.6	81.4	-0.83	50.39	50.02	26.371	369.24	0		
"2014-06-16	12:00:00"	13.34	196.9	11.47	19.49	8.65	198	16.88	14.12	83.7	84.5	-0.81	43.24	44.2	26.376	397.63	0		
"2014-06-16	13:00:00"	11.85	196	15.06	18.89	7.866	197.4	19.15	14.12	87.2	88.2	-0.986	34.98	36.31	26.377	529.44	0		
"2014-06-16	14:00:00"	10.04	209.3	13.82	17.7	7.063	208.9	17.34	13.52	91	91.8	-0.81	24.58	25.82	26.379	563.57	0		
"2014-06-16	15:00:00"	7.428	224.8	26.24	14.72	5.558	223.7	28.16	12.33	93.1	93.4	-0.25	17.42	18.62	26.369	468.45	0		
"2014-06-16	16:00:00"	8.32	210	22.33	15.31	5.858	210.3	24.73	12.33	93.8	94.2	-0.442	17.61	18.61	26.355	463.64	0		
"2014-06-16	17:00:00"	8.74	210.9	18.88	15.91	6.428	213.5	21.89	13.52	94.9	95.3	-0.4	14.56	15.36	26.337	457.12	0		
"2014-06-16	18:00:00"	10.44	182.9	16.35	19.49	6.686	187.1	22.5	16.51	95.9	96.6	-0.635	13.52	14.15	26.313	430.96	0		
"2014-06-16	19:00:00"	12.76	177.6	20.08	23.07	8.14	179.8	25.9	15.31	97.1	98.1	-0.97	15.12	15.6	26.299	473.48	0		
"2014-06-16	20:00:00"	17.39	171.7	16.69	31.42	10.34	173.6	22.97	22.47	94.2	94.5	-0.335	25.17	26.32	26.293	227.67	0		
"2014-06-16	21:00:00"	21.36	157.1	9.56	30.22	12.43	158.3	16.95	21.28	87.6	87.7	-0.041	41.52	43.52	26.291	49.073	0		
"2014-06-16	22:00:00"	19.95	162.9	9.37	30.82	11.59	164.2	17.15	21.28	83.1	82.9	0.184	51.81	52.78	26.294	0.51254	0		
"2014-06-16	23:00:00"	17.71	169.6	8.55	27.84	10.24	171.6	17.25	20.68	80.7	80.4	0.26	57.08	57.4	26.312	0	0		
"2014-06-17	00:00:00"	15.76	169.9	9.1	26.05	8.94	172.1	18.26	18.3	79.04	78.72	0.323	60.84	60.71	26.32	0	0		
"2014-06-17	01:00:00"	12.48	172.1	8.51	22.47	7.031	174.4	16.6	14.72	77.05	76.62	0.436	66.63	65.93	26.312	0	0		
"2014-06-17	02:00:00"	10.98	177	11.07	16.51	6.311	179.2	18.66	12.33	75.57	74.94	0.633	64.9	64.89	26.292	0	0		
"2014-06-17	03:00:00"	9.17	178.7	10	16.51	4.924	180.2	17.64	9.95	73.84	72.92	0.918	57.53	58.3	26.287	0	0		
"2014-06-17	04:00:00"	10.25	170.2	9.59	15.31	5.645	171.4	17.8	11.74	72.53	71.66	0.868	59.24	59.52	26.276	0	0		
"2014-06-17	05:00:00"	12.52	167.4	7.814	17.7	6.89	168.3	16.86	14.72	72.72	72.04	0.682	58.56	58.41	26.26	0	0		
"2014-06-17	06:00:00"	11.6	175.6	11.29	17.1	6.504	177.9	18.8	12.33	72.02	71.36	0.658	59.82	59.44	26.266	0	0		
"2014-06-17	07:00:00"	7.047	197.2	11.31	14.72	3.919	201.8	17.48	11.14	70.71	69.76	0.951	64.85	64.13	26.274	2.2545	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-17	08:00:00"	8.35	185.6	10.05	14.12	4.687	189.6	17.09	10.54	70.94	70.26	0.681	67.51	66.01	26.276	61.987	0		
"2014-06-17	09:00:00"	9.96	192.9	9.78	16.51	6.358	195.9	15.86	13.52	75.17	75	0.17	59.94	59.56	26.307	130.6	0		
"2014-06-17	10:00:00"	12.59	200.8	9.78	18.3	8.26	202.6	14.99	14.12	79.72	80	-0.296	50.12	50.68	26.337	279.38	0		
"2014-06-17	11:00:00"	9.81	210.3	15.76	14.72	6.991	210.5	18.57	13.52	84.1	85	-0.95	41.63	42.72	26.349	631.77	0		
"2014-06-17	12:00:00"	7.029	216.8	28.6	12.33	5.423	220.3	31.19	11.14	89	89.4	-0.452	32.56	34.42	26.359	775.38	0		
"2014-06-17	13:00:00"	4.444	196.1	74.11	11.14	3.625	202.8	76.41	9.95	95.6	95	0.603	21.22	23.78	26.37	886.22	0		
"2014-06-17	14:00:00"	5.653	335.3	88.5	12.33	4.466	323.9	85.2	9.35	97.4	97.9	-0.466	16.19	17.94	26.365	922.51	0		
"2014-06-17	15:00:00"	6.154	104.6	74.95	13.52	4.523	97.7	80.2	11.14	99.9	100.6	-0.718	11.56	12.69	26.349	927.38	0		
"2014-06-17	16:00:00"	7.119	102.4	75.98	18.89	5.043	98.1	79.82	14.72	100.5	101	-0.541	11.98	13.02	26.33	756.58	0		
"2014-06-17	17:00:00"	8.91	141.3	38.3	21.28	6.025	141.1	45.27	17.7	99	100.2	-1.158	15.84	16.59	26.315	563.79	0		
"2014-06-17	18:00:00"	9.02	161.3	27.88	15.31	5.864	163.8	33.63	12.93	98.2	99.2	-1.065	16.65	17.43	26.298	403.53	0		
"2014-06-17	19:00:00"	10.29	172.8	25.17	20.68	6.636	174.9	30.9	15.31	97.6	98.5	-0.93	18.6	19.42	26.28	397.65	0		
"2014-06-17	20:00:00"	14.9	80.4	87.4	27.24	9.52	61.2	91.6	23.07	93.1	93.8	-0.688	27.1	28.25	26.272	299.7	0		
"2014-06-17	21:00:00"	20.52	178.9	89.7	50.5	13.25	188.8	90.4	32.61	79.25	78.74	0.509	55.56	58.71	26.295	77.027	0.66		
"2014-06-17	22:00:00"	17.1	103	26.06	32.61	10.52	101.5	30.59	23.07	70.55	69.44	1.107	79.34	79.82	26.264	2.1022	0.22		
"2014-06-17	23:00:00"	11.84	105.5	15.37	21.87	6.996	103.2	21.57	14.12	70.27	69.07	1.198	79.77	80.6	26.266	0	0.27		
"2014-06-18	00:00:00"	13.75	118.2	18.8	21.28	8.29	117	24.12	16.51	73.52	72.56	0.956	76.06	76.54	26.289	0	0		
"2014-06-18	01:00:00"	11.82	146.1	12.3	19.49	6.724	145	19.69	12.33	74.93	74.1	0.835	73.12	73.57	26.309	0	0		
"2014-06-18	02:00:00"	12.62	148.3	9.37	22.47	7.137	146.8	17.23	14.72	75.19	74.49	0.701	71.43	71.79	26.322	0	0		
"2014-06-18	03:00:00"	7.848	130.5	49.33	17.7	4.602	122.2	58.88	14.12	74.51	73.6	0.91	73.8	74.7	26.337	0	0		
"2014-06-18	04:00:00"	7.164	99.4	10.94	14.12	4.585	97	18.05	9.35	71.45	71.03	0.415	78.6	76.93	26.3	0	0		
"2014-06-18	05:00:00"	7.503	137.2	29.07	12.93	4.327	133.3	37.5	9.35	71.44	70.84	0.595	80.1	78.83	26.274	0	0		
"2014-06-18	06:00:00"	6.533	136.5	16.6	11.74	3.504	134.7	24.05	8.16	71.72	71.14	0.58	79.9	78.52	26.269	0	0		
"2014-06-18	07:00:00"	6.002	164.5	12.36	9.95	2.933	166.4	20.54	6.964	70.87	70.24	0.621	81.7	80	26.265	1.9735	0		
"2014-06-18	08:00:00"	8.82	183.6	11.03	15.91	5.234	185.9	18	11.74	71.56	71.37	0.192	80.7	78	26.273	51.02	0		
"2014-06-18	09:00:00"	13.29	187.6	9.65	23.66	8.2	189.8	16.57	14.72	72.86	73.07	-0.208	77.1	74	26.288	170.56	0		
"2014-06-18	10:00:00"	13.57	180.6	10.87	18.3	8.38	182.7	18.3	14.12	75.79	76.82	-1.025	70.1	67.05	26.304	467.41	0		
"2014-06-18	11:00:00"	12.48	185.4	12.78	19.49	8.05	189.1	18.64	12.93	78.91	80	-1.111	61.16	59.84	26.321	571.11	0		
"2014-06-18	12:00:00"	10.89	195.3	13.98	18.3	7.212	197.5	18.98	13.52	82.9	83.8	-0.903	49.95	51.73	26.334	621.77	0		
"2014-06-18	13:00:00"	7.844	236.9	19.96	13.52	6.045	234.8	20.44	10.54	83.5	83.4	0.096	43.65	48.11	26.341	249.79	0		
"2014-06-18	14:00:00"	4.297	209.7	45.64	8.16	3.278	213	54.79	6.964	89.4	89.3	0.068	34.86	39.22	26.33	911.86	0		
"2014-06-18	15:00:00"	4.392	212.7	55.04	15.91	3.303	216.4	60.84	11.14	95.1	94.7	0.428	25.38	29.94	26.328	917.12	0		
"2014-06-18	16:00:00"	9.65	199.7	26.47	18.89	6.522	200.3	32.36	13.52	94.1	94.5	-0.353	22.76	26.74	26.309	731.05	0		
"2014-06-18	17:00:00"	8.89	217.7	20.76	18.3	6.472	216.4	25.92	13.52	94.8	95	-0.217	19.7	23.29	26.292	618.41	0		
"2014-06-18	18:00:00"	8.54	231.8	17.17	17.1	6.385	230.7	18.3	14.72	94.7	94.6	0.092	18.61	22.26	26.273	496.53	0		
"2014-06-18	19:00:00"	12.15	206.3	31.8	51.69	7.716	207	33.34	42.75	88.5	87.4	1.086	27.69	34.18	26.267	204.15	0		
"2014-06-18	20:00:00"	10.4	161.4	21.48	20.09	6.106	162.9	26.79	15.31	86	85.5	0.527	34.74	39.53	26.233	200.73	0		
"2014-06-18	21:00:00"	18.35	142.4	12.89	30.22	10.69	143.7	19.45	20.68	81.3	81.2	0.034	44.94	47	26.268	90.45	0		
"2014-06-18	22:00:00"	16.05	124.6	10.58	27.84	9.65	125.2	17.94	17.7	72.74	72.61	0.133	61.44	60.99	26.277	0.97846	0		
"2014-06-18	23:00:00"	15.21	143.2	8.93	22.47	8.77	144.3	17.4	16.51	72.84	72.4	0.434	63.19	62.96	26.265	0	0		
"2014-06-19	00:00:00"	12.22	156.2	12.49	23.07	7.217	158.8	19.77	16.51	73.2	72.76	0.438	71.68	70.44	26.291	0	0		
"2014-06-19	01:00:00"	9.94	161	10.3	15.31	5.428	161.6	18.67	10.54	72.04	71.47	0.568	76.32	74.73	26.296	0	0		
"2014-06-19	02:00:00"	10.58	171	11.14	17.7	5.905	172.7	19.2	12.33	71.35	70.76	0.587	79.23	77.33	26.292	0	0		
"2014-06-19	03:00:00"	13.93	166	9.85	21.28	8.02	167.9	17.69	14.72	72.24	71.78	0.466	77.92	75.93	26.282	0	0		
"2014-06-19	04:00:00"	8.54	157.6	12.21	16.51	4.732	156.1	21.09	11.74	71.47	70.93	0.549	81.2	78.86	26.283	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-19	05:00:00"	3.123	147.3	15.29	5.771	1.059	121.9	32.54	2.789	70.3	69.02	1.281	84.1	83.1	26.277	0	0		
"2014-06-19	06:00:00"	6.121	172.6	10.19	9.95	2.809	174.3	20.79	5.175	69.74	68.44	1.304	85.4	84.8	26.274	0	0		
"2014-06-19	07:00:00"	5.076	183	11.19	6.964	2.306	188	17.91	4.578	68.88	68.02	0.865	88.4	86.1	26.288	3.2151	0		
"2014-06-19	08:00:00"	7.586	164.7	10.16	14.72	4.374	166.6	18.36	10.54	69.8	69.56	0.234	87	84	26.304	89.798	0		
"2014-06-19	09:00:00"	10.85	169.1	11.25	15.91	6.623	171.5	18.73	11.14	72.16	72.49	-0.327	79.27	76.09	26.323	193.01	0		
"2014-06-19	10:00:00"	10.15	183	12.23	15.31	6.296	185.9	18.84	11.14	75.19	75.78	-0.598	71.27	69.31	26.344	306.3	0		
"2014-06-19	11:00:00"	9.7	193.1	13.21	14.72	6.457	196.7	17.94	11.14	77.21	77.74	-0.534	65.48	64.66	26.36	342.38	0		
"2014-06-19	12:00:00"	5.472	220.8	32.29	10.54	4.21	222.1	35.32	8.16	80.4	80.8	-0.373	57.21	57.85	26.379	501.06	0		
"2014-06-19	13:00:00"	4.233	160	63.73	9.35	3.101	167	68.9	7.561	84.6	84.9	-0.262	48.82	51.02	26.4	665.05	0		
"2014-06-19	14:00:00"	3.6	163.9	90.5	9.35	3.112	172.2	95	8.16	88.8	88.6	0.147	40.17	44.31	26.407	765.27	0		
"2014-06-19	15:00:00"	4.758	136.7	46.43	11.74	3.419	142.3	55.46	7.561	90.8	90.9	-0.11	33.59	37.28	26.404	626.46	0		
"2014-06-19	16:00:00"	6.537	152.5	30.1	14.72	4.485	155.3	40.17	11.14	91.1	91.4	-0.304	31.4	34.63	26.396	493.88	0		
"2014-06-19	17:00:00"	11	159.5	17.02	18.3	6.862	162.1	24.83	13.52	90.9	91.7	-0.784	32.99	35.95	26.377	569.07	0		
"2014-06-19	18:00:00"	12.71	153.6	15.52	24.86	7.788	156	22.17	15.91	91.5	92.4	-0.967	31.37	33.93	26.373	555.48	0		
"2014-06-19	19:00:00"	14.49	145.8	13.17	24.86	8.46	147.4	20.66	18.3	89.2	89.4	-0.165	34.22	37.17	26.361	163.09	0		
"2014-06-19	20:00:00"	14.8	137.7	9.47	23.66	8.84	139	17.3	16.51	87.5	87.4	0.173	35.73	38.82	26.348	102.27	0		
"2014-06-19	21:00:00"	15.99	146.1	9.72	25.45	9.23	147.2	17.32	18.3	85.3	84.8	0.437	38.35	41.51	26.358	16.71	0		
"2014-06-19	22:00:00"	13.93	153.3	13.56	22.47	8.12	154	20.34	15.91	82.9	82.4	0.49	43.59	46.3	26.396	0.07952	0		
"2014-06-19	23:00:00"	20.48	263.6	28.5	38.57	15.11	260.3	28.36	29.63	72.21	72.35	-0.14	54.18	53.33	26.437	0	0		
"2014-06-20	00:00:00"	11.34	252.9	41.94	26.65	7.992	252.4	43.66	20.68	72.61	72.51	0.093	52.12	52.28	26.424	0	0		
"2014-06-20	01:00:00"	10.93	247.7	26.66	20.68	7.287	245.5	26.91	14.72	70.37	68.85	1.524	62.03	66.63	26.427	0.00037	0.07		
"2014-06-20	02:00:00"	7.965	190.5	38.77	15.31	4.56	186.1	48.74	9.95	70.44	68.3	2.143	64.31	70.87	26.347	0	0.01		
"2014-06-20	03:00:00"	12.57	167.6	13.58	21.87	7.032	169.3	20.56	14.12	70.13	69.21	0.918	71.23	71.54	26.348	0	0		
"2014-06-20	04:00:00"	11.42	123.3	43.93	21.87	6.487	122.1	51.21	16.51	69.28	68.73	0.552	75.57	73.88	26.351	0	0		
"2014-06-20	05:00:00"	5.427	144.3	25.48	9.95	2.33	142	30.34	5.771	68.89	67.7	1.187	78.97	78.23	26.38	0	0		
"2014-06-20	06:00:00"	5.536	153.8	14.36	10.54	2.545	154.4	23.83	8.16	68.25	67.19	1.064	82	81.2	26.392	0	0		
"2014-06-20	07:00:00"	7.092	161.8	17.13	14.72	3.758	161.7	22.58	9.35	68.29	67.82	0.464	82.8	80.2	26.411	0.76741	0		
"2014-06-20	08:00:00"	9.52	149.5	12.39	20.09	5.619	150.1	19.57	14.12	68.12	68.04	0.077	83.9	80.3	26.433	17.587	0		
"2014-06-20	09:00:00"	10.93	161.4	13.69	17.7	6.563	161.9	20.47	12.33	67.67	68.1	-0.423	83.9	79.09	26.45	123.84	0		
"2014-06-20	10:00:00"	10.14	169.5	10.78	15.91	6.085	170.1	18.39	11.74	68.26	68.85	-0.586	82.5	77.79	26.46	148.29	0		
"2014-06-20	11:00:00"	8.16	160.4	16.08	12.93	5.089	161.1	23.79	9.95	69.83	70.53	-0.699	77.91	73.89	26.469	202.68	0		
"2014-06-20	12:00:00"	5.985	132.8	25.56	11.74	4.359	129.4	35.2	9.95	75.14	76.19	-1.045	65.19	63.28	26.479	663.84	0		
"2014-06-20	13:00:00"	9.14	137.7	25.14	17.1	6.184	137.8	32.69	12.33	78.14	79.55	-1.402	56.58	56.19	26.489	706.41	0		
"2014-06-20	14:00:00"	10.73	155.2	17.91	17.7	6.737	155.9	25.48	12.33	78.75	79.76	-1.006	51.41	52.16	26.483	460	0		
"2014-06-20	15:00:00"	11.52	144.9	16.12	20.09	7.394	144.9	23.37	14.72	81.5	82.9	-1.405	45.05	46.36	26.469	780.14	0		
"2014-06-20	16:00:00"	10.71	127.9	16.56	21.28	7.139	127	23.23	16.51	82.6	83.9	-1.333	42.4	44.04	26.457	693.1	0		
"2014-06-20	17:00:00"	13.52	126.6	16.14	24.86	8.42	127.5	22.24	17.7	82.3	83.2	-0.976	40.86	42.94	26.444	437.98	0		
"2014-06-20	18:00:00"	16.6	122.4	10.97	28.43	10.34	123.5	18.63	20.09	80.4	81.2	-0.739	46.85	47.88	26.43	342.06	0		
"2014-06-20	19:00:00"	15.56	135.3	11.11	24.86	9.24	136.8	18.76	16.51	79.86	80.5	-0.641	46.97	48.05	26.423	278.94	0		
"2014-06-20	20:00:00"	15.92	142	10.8	26.05	9.48	143.7	18.62	19.49	78.96	79.21	-0.25	50.23	51.04	26.416	166.39	0		
"2014-06-20	21:00:00"	17.23	146.1	9.01	30.22	9.92	148.3	17.55	21.28	73.71	73.8	-0.09	64.17	62.62	26.419	45.727	0		
"2014-06-20	22:00:00"	10.38	148.2	8.95	16.51	5.944	150	17.37	11.74	71.42	71.09	0.333	70.98	69.17	26.409	0.80014	0		
"2014-06-20	23:00:00"	7.214	137.9	12.96	12.33	4.142	137.6	19.46	9.35	70.78	70.45	0.338	75.43	73.27	26.406	0	0		
"2014-06-21	00:00:00"	6.149	124.8	13.13	11.74	3.562	123.3	19.7	8.16	71.03	70.67	0.36	77.04	74.93	26.407	0	0		
"2014-06-21	01:00:00"	9.69	134.6	8.88	15.31	5.753	135	17.22	11.14	71.76	71.65	0.107	78.56	75.65	26.403	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-21	02:00:00"	7.814	126.3	11.68	15.31	4.645	125.9	18.69	11.14	70.3	70.04	0.269	81.1	77.99	26.391	0	0		
"2014-06-21	03:00:00"	5.816	121.2	11.99	8.75	3.147	118.7	18.86	5.771	69.32	69.03	0.29	83.7	80.4	26.37	0	0		
"2014-06-21	04:00:00"	5.341	122.2	11.27	8.16	2.46	117.8	17.58	5.175	67.95	67.36	0.588	86.9	83.5	26.351	0	0		
"2014-06-21	05:00:00"	5.509	111.6	8.56	8.16	3.22	108.6	16.41	5.771	67	66.58	0.418	89.2	85.4	26.337	0	0		
"2014-06-21	06:00:00"	5.931	104.5	9.49	9.95	3.868	102.5	17.77	7.561	67.16	66.88	0.278	88	84.2	26.335	0	0		
"2014-06-21	07:00:00"	4.75	96.8	11.8	7.561	2.843	90.6	19.57	5.175	67.19	67.09	0.102	88.4	84.2	26.341	0.79637	0		
"2014-06-21	08:00:00"	8.15	128.5	12.3	13.52	5.033	129.7	19.21	9.35	68.08	68.09	-0.01	86.2	82	26.359	17.173	0		
"2014-06-21	09:00:00"	11.43	143.7	9.59	15.91	6.814	144.9	17.6	12.33	69.13	69.52	-0.392	84.1	79.37	26.371	104.61	0		
"2014-06-21	10:00:00"	10.37	148.7	11.01	15.31	6.335	149.4	19.16	12.33	70.24	70.95	-0.708	81.3	76.43	26.384	176.96	0		
"2014-06-21	11:00:00"	9.44	156.4	14.35	14.72	5.805	156.9	21.33	11.14	72.19	73.04	-0.845	75.89	71.9	26.392	274.03	0		
"2014-06-21	12:00:00"	6.833	159.8	27.25	13.52	4.577	161.4	34.59	10.54	74.64	75.49	-0.85	68.99	66.3	26.397	295.23	0		
"2014-06-21	13:00:00"	3.238	170	95.2	7.561	2.474	151.5	98.7	6.368	78.56	78.45	0.11	60.18	60.91	26.396	489.28	0		
"2014-06-21	14:00:00"	4.422	47.12	94.1	9.35	3.493	15.07	90.7	8.16	81.1	81.6	-0.571	55.1	56.17	26.388	561.35	0		
"2014-06-21	15:00:00"	4.167	167.5	95.3	11.14	3.345	177.5	97.9	10.54	84	84	0.048	49.33	51.8	26.369	700.22	0		
"2014-06-21	16:00:00"	5.885	137.5	43.66	11.74	4.414	140.1	49.22	9.95	86.1	86.6	-0.434	42.9	45.31	26.358	692.98	0		
"2014-06-21	17:00:00"	8.95	131.4	20.23	17.1	5.94	130.3	27.67	11.74	85.7	86.6	-0.985	43.03	45.01	26.342	528.5	0		
"2014-06-21	18:00:00"	12.74	137.3	17.65	22.47	8.03	138.9	24.19	16.51	85	86.1	-1.063	45.86	47.13	26.326	462.75	0		
"2014-06-21	19:00:00"	13.32	135.8	13.45	20.09	8.14	136.7	21.39	16.51	84.1	84.8	-0.68	48.97	50.14	26.311	302.3	0		
"2014-06-21	20:00:00"	12.24	135.2	9.88	20.68	7.263	135.2	17.94	14.12	82.8	82.8	-0.06	51.06	52.61	26.311	133.67	0		
"2014-06-21	21:00:00"	13.7	129.3	12.44	20.09	8.32	128.9	19.28	14.72	80.8	80.7	0.139	56.45	57.16	26.302	44.138	0		
"2014-06-21	22:00:00"	13.25	150.3	9.04	20.09	7.649	151.5	17.24	14.72	78.39	77.99	0.396	60.4	60.86	26.301	1.7139	0		
"2014-06-21	23:00:00"	11.13	145.4	8.88	17.1	6.359	146.2	17.07	12.33	76.62	76.1	0.511	65.06	65.05	26.314	0	0		
"2014-06-22	00:00:00"	10.67	138.7	10.43	17.1	6.106	137.7	17.74	14.12	74.72	74.23	0.484	71.26	70.12	26.321	0	0		
"2014-06-22	01:00:00"	10	152.8	10.31	16.51	5.8	153.6	17.83	12.33	72.58	72.14	0.44	79.4	76.98	26.311	0	0		
"2014-06-22	02:00:00"	10.13	169.1	11.83	17.1	5.845	171.9	19.07	12.93	70.88	70.48	0.397	82.9	79.74	26.29	0	0		
"2014-06-22	03:00:00"	8.21	181.2	10.2	12.93	4.67	185.5	17.22	9.95	69.44	69.05	0.386	87.8	83.9	26.274	0	0		
"2014-06-22	04:00:00"	5.854	177.9	10.2	10.54	2.988	182.2	17.86	6.964	68.13	67.62	0.506	91.4	87.1	26.251	0	0		
"2014-06-22	05:00:00"	5.927	157.7	16.09	9.35	2.975	158.2	23.33	6.368	67.06	66.53	0.535	94	89.6	26.229	0	0		
"2014-06-22	06:00:00"	3.931	100.4	20.65	6.964	1.663	84.6	27.23	3.982	66.22	65.6	0.617	94.9	90.5	26.234	0	0		
"2014-06-22	07:00:00"	3.316	70.39	19.15	6.368	1.608	52.41	28.88	3.982	65.72	65.06	0.659	95.1	91.2	26.249	2.7707	0		
"2014-06-22	08:00:00"	4.128	84.3	17.97	6.964	2.116	79.46	27.52	4.578	66.85	66.56	0.291	92.9	90.2	26.258	88.394	0		
"2014-06-22	09:00:00"	6.594	128.1	12.16	9.95	4.341	127.1	20.3	8.75	69.73	70.33	-0.6	87.6	82.9	26.277	236.73	0		
"2014-06-22	10:00:00"	6.718	142.9	18.39	9.95	4.49	145.3	27.31	8.16	74.24	75.61	-1.376	76.04	71.67	26.292	452.96	0		
"2014-06-22	11:00:00"	5.095	140.4	28.39	8.75	3.606	141.1	38.14	6.964	80.6	81.6	-1.048	61.49	60.23	26.304	624.19	0		
"2014-06-22	12:00:00"	7.724	146	19.39	15.31	5.155	146.7	28.66	12.93	85.2	86.4	-1.151	48.69	49.71	26.317	771.75	0		
"2014-06-22	13:00:00"	6.413	179.3	38.78	14.12	4.58	184.2	42.13	10.54	89.9	90.4	-0.527	37.81	40.64	26.324	871.14	0		
"2014-06-22	14:00:00"	6.482	211.5	26.95	13.52	4.923	213.8	35.59	9.95	92.7	93	-0.295	33.05	36.06	26.317	916.21	0		
"2014-06-22	15:00:00"	7.028	219	39.3	13.52	5.417	220.1	43.65	11.14	94.8	95.3	-0.458	28.5	31.29	26.304	915.32	0		
"2014-06-22	16:00:00"	6.129	218.5	59.96	13.52	4.819	219.6	63.22	11.74	96.6	96.6	0.012	25.65	28.83	26.292	695.6	0		
"2014-06-22	17:00:00"	7.558	239.6	20.96	14.12	5.871	238.7	25.24	12.93	95.6	95.8	-0.252	25.7	28.46	26.284	558.43	0		
"2014-06-22	18:00:00"	5.632	230.6	32.5	11.74	4.364	232.2	42.15	9.35	97.7	97.8	-0.106	22.71	25.43	26.269	622.31	0		
"2014-06-22	19:00:00"	6.18	223.5	27.95	11.74	4.613	223.9	29.87	9.35	95.5	95.5	0.011	24.54	27.63	26.261	225.72	0		
"2014-06-22	20:00:00"	13.6	124.1	50.88	33.21	9.14	123.9	54.14	21.87	94.1	94	0.053	29.86	32.63	26.251	268.2	0		
"2014-06-22	21:00:00"	20.03	121.6	11.08	33.8	12.08	121.8	18.14	24.86	86.7	86.9	-0.153	42.87	44.84	26.268	79.317	0		
"2014-06-22	22:00:00"	13.61	117.6	22.72	26.65	7.685	116.3	28.46	18.89	79.14	77.68	1.454	63.78	67.69	26.25	0.63059	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-22	23:00:00"	12.07	159.2	16.11	17.7	6.644	160.9	22.35	11.74	79.5	78.45	1.045	65.27	67.42	26.232	0	0		
"2014-06-23	00:00:00"	16.66	177.3	8.35	26.05	9.47	179.8	16.67	18.3	79.28	78.56	0.725	65.91	66.94	26.231	0	0		
"2014-06-23	01:00:00"	14.31	182.5	8.75	22.47	8.38	185.5	16.7	18.3	76.53	76.07	0.466	73.67	72.84	26.218	0	0		
"2014-06-23	02:00:00"	11.07	178.6	9.58	19.49	6.27	181.4	17.52	14.12	74.84	74.36	0.482	79.11	77.53	26.212	0	0		
"2014-06-23	03:00:00"	9.15	240.3	66.25	27.24	6.205	244	65.89	20.09	74.45	74.11	0.335	80.6	78.64	26.243	0	0		
"2014-06-23	04:00:00"	5.68	67.31	45.01	11.14	3.084	69.3	46.87	8.16	75.36	74.53	0.834	78.18	77.72	26.248	0	0		
"2014-06-23	05:00:00"	7.652	105.2	17.04	13.52	4.386	103.8	24.63	8.16	73.23	72.49	0.741	84.1	82.4	26.232	0	0		
"2014-06-23	06:00:00"	11.14	86.3	15.35	23.66	6.716	80.8	21.91	15.91	72.2	71.56	0.64	82.6	81	26.235	0	0		
"2014-06-23	07:00:00"	18.24	66.09	11.96	30.22	11.02	61.2	19.13	19.49	70.17	69.88	0.295	72.52	70.52	26.264	0.76418	0		
"2014-06-23	08:00:00"	17.26	74.29	13.93	30.22	10.38	70	20.83	21.87	68.36	68.32	0.043	75.27	72.14	26.292	49.988	0		
"2014-06-23	09:00:00"	13.25	71.9	10.78	21.87	8.15	67.38	20.43	14.72	69.28	69.92	-0.642	72.93	69.39	26.337	208.26	0		
"2014-06-23	10:00:00"	12.08	82.4	17.54	18.89	7.799	78.24	24.93	13.52	71.53	72.8	-1.27	69.25	65.78	26.364	383.51	0		
"2014-06-23	11:00:00"	12.05	106.9	15.77	18.3	8.3	105.4	23.31	14.72	74.31	75.86	-1.548	68.35	64.75	26.388	572.29	0		
"2014-06-23	12:00:00"	11.73	149.5	17.63	20.68	7.494	149.3	24.46	15.31	78.21	80	-1.84	63.46	60.39	26.393	768.04	0		
"2014-06-23	13:00:00"	8.69	150.5	37.73	16.51	5.915	153.1	46.52	12.93	83	84.4	-1.381	54.2	53.49	26.414	768.78	0		
"2014-06-23	14:00:00"	6.961	100.4	26.46	15.91	5.078	98.9	36.88	11.74	85.3	86.3	-1.04	48.72	49.87	26.418	770.92	0		
"2014-06-23	15:00:00"	8.35	100.7	28.64	16.51	5.962	97.1	38.46	12.93	87.8	89.2	-1.454	42.07	43.99	26.407	866.06	0		
"2014-06-23	16:00:00"	8.15	104.1	31.56	17.1	5.798	102.1	41.03	12.93	89.3	90.8	-1.495	39.99	41.95	26.401	784.14	0		
"2014-06-23	17:00:00"	7.781	106.6	30.16	19.49	5.564	103.8	39.3	12.93	90	91.2	-1.229	37.2	39.48	26.388	775.46	0		
"2014-06-23	18:00:00"	9.11	105.7	23.36	17.1	6.366	103	31.99	14.72	89.3	90.3	-1.071	37.97	40.22	26.373	465.8	0		
"2014-06-23	19:00:00"	10.66	121.1	15.81	18.3	7.042	120.5	22.87	12.93	88.2	89	-0.79	38.85	41.18	26.364	347.19	0		
"2014-06-23	20:00:00"	11.89	116.4	11.04	19.49	7.602	117.1	18.39	14.12	86.4	86.5	-0.148	41.16	43.74	26.356	135.14	0		
"2014-06-23	21:00:00"	11.96	122.1	9.2	18.89	7.286	122.3	17.24	13.52	84.3	84	0.216	46.16	48.31	26.362	39.622	0		
"2014-06-23	22:00:00"	10.12	122.5	9.29	14.72	6.013	122.2	16.65	9.95	81.6	81	0.576	52.94	54.58	26.374	0.21365	0		
"2014-06-23	23:00:00"	12.76	132.7	8.52	20.68	7.457	132.9	17.3	15.31	80.6	80.1	0.452	56.6	57.61	26.4	0	0		
"2014-06-24	00:00:00"	10.47	121.3	9.4	19.49	6.356	120.2	17.25	13.52	79.73	79.46	0.27	59.66	59.99	26.438	0	0		
"2014-06-24	01:00:00"	17.04	259.8	69.57	42.15	12.37	257.6	68.6	33.21	72.87	72.58	0.283	63.53	64.06	26.454	0.00298	0.15		
"2014-06-24	02:00:00"	8.1	327.1	75.32	23.07	5.497	325	75.5	18.3	71.49	68.1	3.39	57.22	69.87	26.397	0.00037	0.07		
"2014-06-24	03:00:00"	14.07	94.6	60.28	31.42	8.43	92.5	61.86	20.68	74.01	72.12	1.893	49.98	56.57	26.353	0	0.01		
"2014-06-24	04:00:00"	9.2	74.48	26.84	15.31	5.304	69.09	31.75	9.35	70.79	69.95	0.832	63.05	64.1	26.365	0	0		
"2014-06-24	05:00:00"	6.972	147.5	36.34	12.33	3.875	147.1	46.05	8.16	68.67	67.86	0.804	72.82	72.55	26.366	0	0		
"2014-06-24	06:00:00"	3.974	248.4	57.98	9.95	2.511	264.6	73.49	6.964	67.77	66.83	0.941	78.79	78.06	26.371	0	0		
"2014-06-24	07:00:00"	4.425	359.1	34.69	7.561	2.469	2.413	46.23	6.368	67.36	66.31	1.049	78.69	78.73	26.391	1.1395	0		
"2014-06-24	08:00:00"	2.849	38.85	70.24	6.368	1.231	89.4	73.82	4.578	67.72	66.34	1.387	77.25	79.85	26.385	33.997	0		
"2014-06-24	09:00:00"	2.496	287.1	59.45	4.578	1.544	284.2	62.57	3.982	72.13	72.21	-0.079	66.9	67.13	26.381	244.81	0		
"2014-06-24	10:00:00"	5.554	181.3	49.84	14.72	3.758	179.6	52.62	10.54	76.83	77.89	-1.054	52.89	53.57	26.433	471.04	0		
"2014-06-24	11:00:00"	8.21	176.1	16.29	13.52	5.375	178.7	22.91	10.54	76.67	77.9	-1.225	56.54	56.21	26.485	550.51	0		
"2014-06-24	12:00:00"	13.73	148	13.94	20.68	8.52	148.6	21.14	15.31	77.4	78.86	-1.467	57.91	57.72	26.489	716.58	0		
"2014-06-24	13:00:00"	12.67	149.9	14.45	20.09	7.893	149.3	21.87	15.31	80.6	82.2	-1.592	49.91	50.94	26.487	867.35	0		
"2014-06-24	14:00:00"	10.36	152.5	23.38	17.7	6.769	153.1	30.07	13.52	83.3	84.7	-1.425	44.51	46.31	26.482	910.77	0		
"2014-06-24	15:00:00"	10.97	146.8	20.69	19.49	7.08	146.8	28.06	14.72	85.5	86.9	-1.419	38.43	40.98	26.467	909.32	0		
"2014-06-24	16:00:00"	11.23	155.7	21.55	18.3	7.24	157.6	27.6	14.12	86.5	88	-1.538	36.15	38.36	26.451	861.92	0		
"2014-06-24	17:00:00"	10.15	170.8	25.21	17.7	6.663	174.3	32.54	14.12	87.4	88.6	-1.204	33.55	35.81	26.438	764.67	0		
"2014-06-24	18:00:00"	8.51	166.6	23.87	15.91	5.675	170.9	29.95	12.33	87.8	88.7	-0.848	30.52	33.04	26.418	543.41	0		
"2014-06-24	19:00:00"	8.97	145.7	11.26	13.52	5.5	147.5	19.14	10.54	86.7	86.8	-0.115	31.12	34.35	26.401	220.57	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-24	20:00:00"	10.83	143.7	10.64	16.51	6.321	144.9	18.48	11.74	85.7	85.4	0.281	32.07	35.41	26.374	133.3		0	
"2014-06-24	21:00:00"	12.55	144.8	9.54	23.07	7.175	145.8	17.61	15.91	84.4	84	0.351	33.86	36.78	26.374	68.159		0	
"2014-06-24	22:00:00"	14.08	138.4	8.32	20.68	8.26	139.3	16.66	16.51	80.5	80.1	0.395	46.54	48.53	26.379	3.2743		0	
"2014-06-24	23:00:00"	13.74	140.5	8.79	21.28	7.988	140.8	17.13	15.91	77.78	77.38	0.407	60.82	61.19	26.38	0		0	
"2014-06-25	00:00:00"	11.64	142.1	8.03	17.7	6.775	142.1	15.95	12.33	75.26	74.77	0.493	65.91	65.76	26.38	0		0	
"2014-06-25	01:00:00"	11.95	145.3	8.26	18.3	6.865	145.3	16.78	12.33	73.67	73.19	0.475	70.61	69.54	26.375	0		0	
"2014-06-25	02:00:00"	12.79	142.9	9.1	18.89	7.383	143.8	17.82	13.52	72.35	71.97	0.382	77.47	75.18	26.373	0		0	
"2014-06-25	03:00:00"	12.09	146.7	8.62	18.89	6.831	146.9	17.14	14.72	70.9	70.56	0.339	82.2	79.1	26.363	0		0	
"2014-06-25	04:00:00"	9.09	144.3	10.38	13.52	5.145	143.2	17.7	9.95	69.57	69.12	0.448	84.6	81.4	26.348	0		0	
"2014-06-25	05:00:00"	8.83	134.5	9.81	14.72	5.086	133.1	17.97	10.54	68.5	68.06	0.437	87.3	83.8	26.342	0		0	
"2014-06-25	06:00:00"	9.94	100.9	18.62	15.31	6.063	98.5	23.82	11.74	67.31	67.07	0.244	88.8	84.5	26.342	0		0	
"2014-06-25	07:00:00"	11.48	89.7	11.06	17.7	7.136	87.2	19.57	12.33	66.34	66.23	0.11	90	85.1	26.348	1.7332		0	
"2014-06-25	08:00:00"	10.89	112.8	12.61	17.1	7.123	111.2	19.58	12.93	67.2	67.32	-0.121	89.6	84.5	26.367	30.465		0	
"2014-06-25	09:00:00"	13.07	134.9	10.14	19.49	7.829	134.6	18.47	14.72	68.41	68.72	-0.307	87.9	82.7	26.375	77.598		0	
"2014-06-25	10:00:00"	11.78	140.4	14.03	18.89	7.192	140.9	20.83	14.12	71.39	72.49	-1.091	80.9	75.69	26.395	312.93		0	
"2014-06-25	11:00:00"	10.84	52.27	26.55	26.05	6.243	44.84	28.14	18.89	72.67	73.28	-0.606	77.18	73.88	26.44	177.89		0	
"2014-06-25	12:00:00"	20	72.79	15.65	32.01	12.36	68.84	23	23.66	71.77	72.44	-0.661	78.62	74.57	26.44	231.83		0	
"2014-06-25	13:00:00"	16.42	77.9	21.26	30.82	10.32	75.14	27.3	20.68	70.79	71.06	-0.274	79.67	76.12	26.439	89.019		0	
"2014-06-25	14:00:00"	13.02	128.1	46.83	23.07	8.17	129.7	50.06	16.51	70	69.77	0.229	84.4	81.8	26.409	112.29	0.07		
"2014-06-25	15:00:00"	17.01	133.2	13.12	26.05	10.24	133.2	19.9	20.68	76.22	76.93	-0.713	68.74	69	26.375	813.14		0	
"2014-06-25	16:00:00"	16.29	132.7	12.33	26.05	9.92	131.4	19.61	17.7	82.8	83.9	-1.113	45.96	49.21	26.367	877.74		0	
"2014-06-25	17:00:00"	12.37	157.2	12.52	17.7	7.463	158.5	19.5	12.93	86.2	86.5	-0.367	34.4	38.85	26.372	493.29		0	
"2014-06-25	18:00:00"	15.39	177.3	12.53	23.66	9.2	180.2	19.44	17.7	84.9	85	-0.1	37.72	41.3	26.374	308.39		0	
"2014-06-25	19:00:00"	17.18	198.1	11.19	24.86	10.71	200.5	15.85	18.3	81.3	81.4	-0.117	54.35	55.56	26.37	198.28		0	
"2014-06-25	20:00:00"	16.07	208	10.05	24.26	10.52	208.9	14.33	17.7	79.61	79.72	-0.109	58.34	58.68	26.348	229.05		0	
"2014-06-25	21:00:00"	10.47	187.5	19.52	19.49	6.281	188.2	24.47	14.72	76.75	76.53	0.223	66.4	66.24	26.341	52.092		0	
"2014-06-25	22:00:00"	5.5	110.6	17.28	8.16	2.51	100.3	22.63	5.175	73.4	72.24	1.16	75.13	75.47	26.323	1.6634		0	
"2014-06-25	23:00:00"	5.065	113.4	12.8	8.16	2.149	110.3	16.56	5.771	71.57	69.87	1.705	79.82	80.7	26.321	0		0	
"2014-06-26	00:00:00"	6.328	123	7.799	9.95	2.983	115.1	15.72	6.368	70.88	69.41	1.474	82.3	82.3	26.335	0		0	
"2014-06-26	01:00:00"	7.354	135.1	7.975	10.54	3.575	132.6	15.77	6.368	70.7	69.64	1.052	83.7	82.5	26.341	0		0	
"2014-06-26	02:00:00"	6.277	145.2	9.24	8.75	2.603	139	17.21	3.982	69.97	68.56	1.406	85.3	84.7	26.326	0		0	
"2014-06-26	03:00:00"	7.223	173.1	17.83	12.33	3.587	172	25.88	8.75	70.2	68.82	1.381	84.1	84	26.309	0		0	
"2014-06-26	04:00:00"	7.008	188.5	7.506	11.74	3.518	190.7	14.81	8.16	70.41	69.35	1.057	83.9	82.4	26.301	0		0	
"2014-06-26	05:00:00"	5.947	169.4	8.56	10.54	2.419	165.9	18.26	6.964	68.8	67.38	1.426	88	86.5	26.286	0		0	
"2014-06-26	06:00:00"	7.451	179.5	10.77	11.14	3.931	183.4	18.15	8.75	67.99	67.35	0.634	90.8	87.6	26.275	0		0	
"2014-06-26	07:00:00"	5.183	136	27.38	7.561	2.355	122.7	32.75	5.771	66.58	65.7	0.88	94	89.4	26.274	0.93188		0	
"2014-06-26	08:00:00"	7.154	123.3	12.16	11.14	4.276	122.3	18.85	7.561	66.38	66.31	0.075	96.2	91.4	26.285	15.163		0	
"2014-06-26	09:00:00"	9.6	147.8	10.98	14.72	5.627	150.8	19.4	11.14	67.79	68.16	-0.374	96.3	91.5	26.3	145.24		0	
"2014-06-26	10:00:00"	9.61	171.7	13.36	14.12	5.884	174.5	20.45	12.33	73.43	74.22	-0.783	79.83	77.12	26.318	367.15		0	
"2014-06-26	11:00:00"	8.42	181.5	15.86	14.72	5.798	185.3	22.67	11.14	79.5	80.7	-1.162	60.77	59.83	26.334	700.19		0	
"2014-06-26	12:00:00"	10.08	193.8	15.57	17.7	6.924	196.8	20.3	13.52	83.3	84.2	-0.928	46.03	47.84	26.344	766.06		0	
"2014-06-26	13:00:00"	12.69	193.3	14.92	21.28	8.35	196.6	19.14	16.51	86.4	87.6	-1.201	37.65	40.13	26.344	864.37		0	
"2014-06-26	14:00:00"	11.08	191.2	19.04	21.28	7.553	193.6	23.33	16.51	88.8	90	-1.196	36.94	39.23	26.339	906.23		0	
"2014-06-26	15:00:00"	12.52	187.6	20.43	24.86	8.19	189.6	25.45	20.09	91	92.3	-1.346	35.94	38.24	26.321	900.94		0	
"2014-06-26	16:00:00"	11.85	175.7	20.39	18.89	7.624	177.8	25.96	14.72	92.4	93.9	-1.438	33.36	35.59	26.304	856.05		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-26	17:00:00"	10.69	170.3	23.18	21.28	7.031	172.7	29.71	16.51	93.5	94.8	-1.314	30.8	33.07	26.28	755.94	0		
"2014-06-26	18:00:00"	10.99	170.3	21.33	23.07	6.997	171.7	27.91	15.91	94.2	95.3	-1.129	29.59	32.04	26.268	607.87	0		
"2014-06-26	19:00:00"	12.76	163.5	13.86	20.68	7.773	164.4	21.08	14.12	93.7	94.5	-0.755	29.43	31.99	26.245	423.25	0		
"2014-06-26	20:00:00"	17.05	165.9	9.75	30.22	9.88	166.6	18.38	21.28	91.6	91.7	-0.074	33.33	36.09	26.234	227.64	0		
"2014-06-26	21:00:00"	18.18	164.1	9.24	30.22	10.41	164.7	17.75	21.28	87.2	87.1	0.17	41.41	44.16	26.229	56.733	0		
"2014-06-26	22:00:00"	15.72	159.6	9.17	25.45	9	159.8	17.65	18.3	84.5	83.9	0.553	46.4	49	26.219	0.5707	0		
"2014-06-26	23:00:00"	18.55	162.4	8.63	29.63	10.75	162.1	16.84	21.87	81.5	81.1	0.37	52.37	53.76	26.227	0	0		
"2014-06-27	00:00:00"	17.69	161.3	8.49	29.03	10.22	161.3	16.85	18.3	78.57	78.21	0.353	58.14	58.6	26.229	0	0		
"2014-06-27	01:00:00"	17.87	164	8.84	29.63	10.27	164.4	16.9	21.28	76.43	76.1	0.327	63.4	63.06	26.22	0	0		
"2014-06-27	02:00:00"	16.24	169.6	9.6	23.66	9.21	170.4	17.27	17.7	74.9	74.57	0.332	67.88	66.86	26.211	0	0		
"2014-06-27	03:00:00"	17.43	165.7	9.13	26.65	9.97	166.1	17.46	17.7	73.82	73.51	0.314	70.93	69.4	26.191	0	0		
"2014-06-27	04:00:00"	16.29	171.8	9.42	24.26	9.22	172.8	18.39	15.91	72.97	72.63	0.34	72.83	70.99	26.174	0	0		
"2014-06-27	05:00:00"	14.53	175.8	9	23.07	8.33	177.7	17.83	15.91	72.15	71.81	0.343	76.71	74.25	26.16	0	0		
"2014-06-27	06:00:00"	13.17	179.4	8.88	20.68	7.564	181.9	17.14	14.12	71.57	71.17	0.398	78.81	76.24	26.155	0	0		
"2014-06-27	07:00:00"	10.13	188.4	9.7	17.7	6.002	190.8	16.08	11.14	70.93	70.46	0.471	79.9	77.3	26.154	2.9487	0		
"2014-06-27	08:00:00"	10.76	190.4	8.69	18.3	6.65	193.5	15.69	13.52	71.9	71.74	0.157	77.81	74.85	26.153	104.2	0		
"2014-06-27	09:00:00"	13.84	189.3	9.39	20.09	8.67	191.7	16.11	15.31	74.71	74.97	-0.258	69.97	68	26.174	205.25	0		
"2014-06-27	10:00:00"	13.52	199.9	10.21	20.09	8.9	200.8	15.58	13.52	78.48	79.29	-0.805	60.89	59.83	26.191	444.36	0		
"2014-06-27	11:00:00"	13.24	211.1	10.96	19.49	8.81	210.8	14.98	15.31	81.9	82.4	-0.476	51.32	52.4	26.204	404.91	0		
"2014-06-27	12:00:00"	13.65	212.1	10.45	19.49	9.02	211.9	14.49	14.72	85	85.3	-0.304	42.1	44.79	26.209	447.95	0		
"2014-06-27	13:00:00"	14.92	213.3	16.79	23.07	10.23	212.3	18.84	18.3	91.6	92.5	-0.894	28.83	31.25	26.219	851.49	0		
"2014-06-27	14:00:00"	14.21	240.7	13.37	24.26	11.04	237.7	16.19	20.68	96	96.6	-0.552	17.88	19.83	26.221	908.17	0		
"2014-06-27	15:00:00"	14.19	240.7	17.72	24.86	10.73	237	18.69	19.49	98.3	99	-0.738	15.27	16.88	26.212	923.94	0		
"2014-06-27	16:00:00"	17.02	243.4	15.78	30.22	13.04	241.2	17.84	24.26	99.7	100.5	-0.785	13.97	15.5	26.194	822.38	0		
"2014-06-27	17:00:00"	19.05	237.6	13.01	30.22	14.49	235.8	15.34	25.45	100.3	101.1	-0.771	13.51	14.85	26.173	781.54	0		
"2014-06-27	18:00:00"	20.61	239.5	10.93	35.59	15.8	236.4	13.33	26.05	100.2	100.7	-0.527	12.06	13.16	26.155	627.88	0		
"2014-06-27	19:00:00"	18.82	240.4	11.04	30.82	14.33	237.6	12.92	24.86	100	100.1	-0.162	9.41	10.16	26.141	441.95	0		
"2014-06-27	20:00:00"	17.76	234.5	9.11	30.22	12.97	231.1	11.88	23.66	99.2	98.8	0.366	8.53	9.12	26.135	235.37	0		
"2014-06-27	21:00:00"	18.24	175.2	15.72	28.43	10.57	176.2	20.85	19.49	90.1	90	0.025	39.85	41.77	26.142	60.062	0		
"2014-06-27	22:00:00"	16.63	170.9	8.47	27.24	9.45	171.8	16.96	19.49	84.1	83.7	0.372	52.51	54.06	26.135	0.772	0		
"2014-06-27	23:00:00"	17.39	169.3	8.13	27.24	9.92	170.4	17.04	17.7	80.4	80.1	0.323	62.18	62.31	26.142	0	0		
"2014-06-28	00:00:00"	18.44	173.1	8.86	29.63	10.57	174.6	17.96	20.68	78.1	77.81	0.292	67.75	67.03	26.153	0	0		
"2014-06-28	01:00:00"	19.04	175.9	9.01	29.63	10.99	176.8	17.53	23.07	76.36	76.13	0.231	73.34	71.7	26.165	0	0		
"2014-06-28	02:00:00"	16.32	175.6	9.04	26.65	9.34	176.9	17.43	18.3	75.13	74.82	0.307	75.01	73.26	26.166	0	0		
"2014-06-28	03:00:00"	15.58	173.8	9.39	28.43	8.96	176.4	17.46	18.3	74.5	74.11	0.388	73.81	72.28	26.156	0	0		
"2014-06-28	04:00:00"	15.8	176.1	9.26	24.26	9.13	179.4	17.73	17.1	73.77	73.39	0.371	75.21	73.3	26.146	0	0		
"2014-06-28	05:00:00"	14.06	181	8.68	20.68	8.07	184	16.82	13.52	72.93	72.5	0.431	76.89	74.78	26.134	0	0		
"2014-06-28	06:00:00"	12.25	187.6	8.98	18.89	7.286	190.8	16.52	13.52	72.13	71.65	0.476	78.29	75.98	26.132	0	0		
"2014-06-28	07:00:00"	10.27	193.7	8.82	17.1	6.217	196.5	14.83	12.33	71.27	70.72	0.55	80.3	77.77	26.141	1.8448	0		
"2014-06-28	08:00:00"	8.36	199.1	9.25	13.52	5.279	202.4	14.7	9.95	71.7	71.39	0.316	79.67	76.59	26.149	79.331	0		
"2014-06-28	09:00:00"	11.39	200.3	9.01	17.1	7.358	202.4	14.57	12.33	75.01	75.44	-0.436	70.11	67.8	26.181	259.6	0		
"2014-06-28	10:00:00"	10.62	205.6	11.59	16.51	7.191	206.6	16.01	11.74	79.12	79.93	-0.816	56.84	56.48	26.218	456.69	0		
"2014-06-28	11:00:00"	8.9	215.2	15.56	14.12	6.438	216.6	17.87	11.14	84.6	85.2	-0.644	40.41	42.55	26.239	631.88	0		
"2014-06-28	12:00:00"	5.794	250.7	40.47	11.14	4.568	248.8	45.23	9.95	90.1	90.2	-0.146	28.86	31.7	26.262	783.99	0		
"2014-06-28	13:00:00"	4.91	227.3	42.65	12.33	3.978	224.1	44.21	11.14	94.4	94.2	0.211	24.47	27.38	26.279	883.88	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-28	14:00:00"	4.941	244.7	46.59	11.74	3.966	248	49.51	9.35	97.7	97.4	0.295	20.38	23.32	26.287	928.76		0	
"2014-06-28	15:00:00"	6.443	258.6	51.23	14.72	5.154	257.9	56.1	12.33	99.2	99.4	-0.247	15.7	17.98	26.281	927.56		0	
"2014-06-28	16:00:00"	7.9	231.9	31.87	15.91	6.115	232	34.11	12.93	100.5	100.9	-0.421	11.73	13.36	26.276	883.02		0	
"2014-06-28	17:00:00"	9.68	238.6	24.06	18.89	7.535	237.1	24.19	15.31	100.7	101.2	-0.513	9.37	10.41	26.27	781.31		0	
"2014-06-28	18:00:00"	9.95	261.3	20.59	20.68	7.904	258.5	24.57	18.3	100.4	101.1	-0.627	9.75	10.85	26.263	625.22		0	
"2014-06-28	19:00:00"	8.02	273.2	32.08	17.1	6.454	268.7	37.69	17.1	100.6	100.9	-0.233	9.38	10.43	26.248	440.58		0	
"2014-06-28	20:00:00"	6.426	256.2	20.45	11.74	4.899	251.5	22.53	9.95	100.2	99.4	0.806	9.75	11.5	26.248	243.02		0	
"2014-06-28	21:00:00"	3.042	250.1	17.92	5.175	1.539	279.6	36.65	3.982	98.1	95.4	2.607	11.2	18.91	26.251	60.266		0	
"2014-06-28	22:00:00"	5.748	116.3	50.89	23.07	3.877	83.4	44.35	15.91	92.1	87.5	4.557	20.21	29.01	26.247	0.78239		0	
"2014-06-28	23:00:00"	15.74	158.7	10.11	27.24	8.92	160.1	18.28	20.09	84.5	84	0.48	52.83	54.5	26.261	0		0	
"2014-06-29	00:00:00"	15.59	164.2	9.55	25.45	8.96	166.8	18.18	16.51	81.1	80.8	0.362	60.25	60.73	26.279	0		0	
"2014-06-29	01:00:00"	14.12	170.8	9.14	23.66	7.977	173.4	17.48	17.1	78.97	78.6	0.373	66.17	65.81	26.281	0		0	
"2014-06-29	02:00:00"	14.16	170.9	9.12	21.87	8.09	173.6	17.84	16.51	77.26	76.89	0.367	70.51	69.57	26.28	0		0	
"2014-06-29	03:00:00"	13.47	169.6	8.87	20.09	7.64	172.2	17.74	14.72	76.08	75.67	0.408	71.41	70.36	26.273	0		0	
"2014-06-29	04:00:00"	13.15	170.2	9.64	20.09	7.5	171.9	17.9	14.12	75.58	75.1	0.485	70.28	69.49	26.262	0		0	
"2014-06-29	05:00:00"	12.99	171.5	8.8	20.09	7.379	173.7	17.73	14.12	75.43	74.86	0.575	67.78	67.44	26.265	0		0	
"2014-06-29	06:00:00"	13.27	175.7	8.92	21.28	7.459	177.1	17.88	14.72	75.1	74.55	0.554	67.21	66.72	26.269	0		0	
"2014-06-29	07:00:00"	10.86	176.6	9.07	18.3	6.198	179.9	17.31	14.72	74.28	73.63	0.644	71.76	70.76	26.279	1.9004		0	
"2014-06-29	08:00:00"	9.16	177.6	9.68	19.49	5.311	180.8	17.72	12.93	74.44	73.99	0.453	73.15	71.51	26.291	76.898		0	
"2014-06-29	09:00:00"	14.07	183.5	9.72	20.09	8.59	185.3	16.97	14.72	77	77.48	-0.478	68.53	66.35	26.315	254.91		0	
"2014-06-29	10:00:00"	15.36	185.1	9.93	21.87	9.48	186.7	17.64	15.91	80.4	81.4	-0.977	61.01	59.67	26.338	451.87		0	
"2014-06-29	11:00:00"	13.23	192.1	11.69	20.68	8.55	192.9	17.9	15.91	84.3	85.5	-1.225	51.87	51.88	26.349	625.47		0	
"2014-06-29	12:00:00"	11.76	201.4	13.66	18.3	7.944	201.8	18.31	13.52	89.3	90.5	-1.187	39.64	41.51	26.362	781.39		0	
"2014-06-29	13:00:00"	10.13	202.4	18.14	15.91	7.183	203.2	20.73	12.93	94.4	95.4	-0.988	29.84	31.98	26.378	880.37		0	
"2014-06-29	14:00:00"	9.44	204.6	22.83	18.3	6.811	205.5	25.32	12.93	98.1	99.1	-1.04	24.13	26.12	26.38	923.52		0	
"2014-06-29	15:00:00"	8.71	199.2	29.18	18.3	6.234	201.8	35.79	14.72	102.1	102.8	-0.699	16.79	18.76	26.373	924.08		0	
"2014-06-29	16:00:00"	8.87	192.9	29.24	18.3	6.292	194	36.96	13.52	103.8	104.6	-0.818	12.91	14.6	26.361	874.66		0	
"2014-06-29	17:00:00"	9.99	173	38.84	22.47	6.707	172.9	42.54	16.51	103.7	104.8	-1.041	11.65	12.99	26.348	726.72		0	
"2014-06-29	18:00:00"	10.12	182.2	30.79	27.84	6.665	185.3	35.68	18.89	102.9	103.7	-0.801	12.22	13.66	26.336	563.05		0	
"2014-06-29	19:00:00"	15.46	158	16.91	30.82	9.33	159.6	22.93	20.09	101.3	102.2	-0.924	18.5	20.05	26.32	429.09		0	
"2014-06-29	20:00:00"	21.31	160.5	10.53	31.42	12.34	161.8	18.23	21.87	96.2	96.5	-0.283	29.33	31.57	26.317	225.09		0	
"2014-06-29	21:00:00"	20.78	157	8.7	32.01	11.91	157.5	16.88	21.87	90.6	90.7	-0.006	37.77	40.38	26.321	54.247		0	
"2014-06-29	22:00:00"	18.87	159.7	8.88	27.84	11.05	159.7	16.69	21.87	86.1	85.8	0.262	45.69	47.79	26.318	0.68185		0	
"2014-06-29	23:00:00"	15.75	160.8	9.61	26.05	9.05	161.1	17.36	18.3	82.8	82.5	0.324	51.98	53.24	26.325	0		0	
"2014-06-30	00:00:00"	16.86	159.4	8.7	25.45	9.79	159.3	17.32	18.3	80.4	80.1	0.308	57.25	57.76	26.33	0		0	
"2014-06-30	01:00:00"	16.7	164.2	8.35	26.05	9.72	164.8	16.62	17.7	79.01	78.65	0.357	57.19	57.66	26.325	0		0	
"2014-06-30	02:00:00"	15.33	169.9	8.74	23.66	8.73	171	17.29	18.89	78.09	77.68	0.416	57.57	57.97	26.31	0		0	
"2014-06-30	03:00:00"	14.8	172.9	8.86	23.07	8.49	174.1	17.5	15.91	77.65	77.18	0.465	57.6	58.05	26.298	0		0	
"2014-06-30	04:00:00"	13.76	176.1	8.69	20.68	8.05	177.3	17.49	14.72	77.16	76.68	0.489	57.89	58.29	26.29	0		0	
"2014-06-30	05:00:00"	14.06	175.9	8.51	22.47	8.06	177.4	17.91	15.31	76.76	76.22	0.538	58.61	58.97	26.285	0		0	
"2014-06-30	06:00:00"	13.85	172.3	9.35	20.68	7.904	173	17.23	14.12	75.85	75.35	0.506	61.11	61.01	26.28	0		0	
"2014-06-30	07:00:00"	13.52	171	8.77	20.68	7.68	171.5	17.9	14.72	74.32	73.9	0.424	68.67	67.33	26.277	2.1295		0	
"2014-06-30	08:00:00"	14.12	170.2	9.2	21.87	8	171.7	18.3	15.91	74.35	74.22	0.131	72.77	70.45	26.282	75.8		0	
"2014-06-30	09:00:00"	16.33	175.3	9.42	23.66	9.6	176	17.36	17.1	76.17	76.72	-0.546	70.37	67.58	26.306	240.21		0	
"2014-06-30	10:00:00"	17.55	179.7	9.83	24.26	10.35	180.6	18.17	17.7	79.2	80.3	-1.092	63.3	61.14	26.319	440.83		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-06-30	11:00:00"	16.45	187.2	11.58	23.07	10.29	188.1	18.42	17.7	82.9	84.3	-1.368	55.16	54.13	26.324	616.6		0	
"2014-06-30	12:00:00"	15.26	187.5	12.02	23.07	9.84	189.1	18.43	17.1	86.6	88.2	-1.548	47.92	47.97	26.328	769.04		0	
"2014-06-30	13:00:00"	14.63	188.7	13.83	24.26	9.41	190.2	19.41	16.51	90.7	92.5	-1.781	40.16	41.25	26.326	870.45		0	
"2014-06-30	14:00:00"	14.58	189.5	13.41	24.86	9.59	192	19.03	17.1	94.5	96.3	-1.755	34.14	35.56	26.318	916.47		0	
"2014-06-30	15:00:00"	13.25	182.4	16.26	23.66	8.68	183.4	22.47	16.51	98	99.7	-1.742	27.89	29.46	26.304	915.79		0	
"2014-06-30	16:00:00"	11.57	179.1	26.03	24.86	7.642	180.1	32.82	18.89	100.8	102.3	-1.481	21.9	23.58	26.292	863.08		0	
"2014-06-30	17:00:00"	10.06	178.8	27.84	17.7	6.913	182.5	31.74	12.93	102.2	103.4	-1.139	18.5	20.25	26.277	762.3		0	
"2014-06-30	18:00:00"	9.44	179.2	26.12	20.68	6.232	182.8	32.63	14.12	102.7	103.6	-0.931	16.12	17.87	26.265	621.19		0	
"2014-06-30	19:00:00"	16.83	172.2	16.24	33.8	10.1	173.2	22.56	22.47	100.7	101.7	-1.015	21.3	22.95	26.252	405.75		0	
"2014-06-30	20:00:00"	22.74	169.4	9.6	35	13.02	170.3	17.5	25.45	93.9	94.3	-0.411	36.51	38.93	26.252	175.53		0	
"2014-06-30	21:00:00"	20.79	167.5	9.68	30.22	12.28	168.4	17.34	22.47	89.7	89.9	-0.168	43.49	45.65	26.236	83.962		0	
"2014-06-30	22:00:00"	17.34	158	10.44	29.03	10.08	158.6	18.32	21.28	84.3	84.1	0.175	51.14	52.4	26.241	0.74666		0	
"2014-06-30	23:00:00"	15.11	163.7	9.23	26.65	8.62	164.3	17.75	20.09	80.8	80.6	0.255	57.38	57.74	26.247	0		0	
"2014-07-01	00:00:00"	15.47	166.7	8.94	24.86	9.01	166.9	17.25	17.7	79.35	79.05	0.298	59.33	59.48	26.24	0		0	
"2014-07-01	01:00:00"	11.53	151.2	23.93	21.28	6.721	149.7	31.55	15.31	78.54	78.14	0.402	59.62	59.83	26.25	0		0	
"2014-07-01	02:00:00"	11.8	160.9	17.89	20.09	6.753	161.5	24.3	13.52	77.67	77.15	0.525	59.9	60.22	26.239	0		0	
"2014-07-01	03:00:00"	10.38	166.7	10.75	17.1	5.921	167	17.96	11.74	76.87	76.38	0.495	60.61	60.73	26.225	0		0	
"2014-07-01	04:00:00"	11.22	165.7	9.73	17.7	6.396	166.1	18.14	12.33	76.71	76.25	0.46	59.86	59.99	26.207	0		0	
"2014-07-01	05:00:00"	10.6	165.9	9.19	17.1	6.03	167.1	17.9	11.14	75.87	75.35	0.526	60.01	60.15	26.198	0		0	
"2014-07-01	06:00:00"	11.51	134	21.58	22.47	6.711	133.6	27.57	15.91	75.47	75.03	0.446	58.19	58.39	26.211	0		0	
"2014-07-01	07:00:00"	18.64	168.5	9.79	29.63	10.79	169.6	17.35	20.09	75.77	75.4	0.371	54.01	54.43	26.197	0.57452		0	
"2014-07-01	08:00:00"	14.47	66.29	72.56	35.59	8.84	59.9	73.52	26.65	77.87	77.61	0.254	52.97	53.66	26.261	48.904		0	
"2014-07-01	09:00:00"	21.68	82.5	12.85	32.61	13.42	80.1	21.57	23.66	76.33	76.65	-0.321	56.29	55.62	26.315	169.16		0	
"2014-07-01	10:00:00"	24.85	98	12.91	35.59	15.95	96.6	20.35	27.84	76.57	77.43	-0.865	64.45	61.94	26.308	373.7		0	
"2014-07-01	11:00:00"	25.49	122.2	9.97	38.57	15.5	122.2	17.43	27.84	76.56	76.93	-0.376	67.03	64.95	26.299	161.34		0	
"2014-07-01	12:00:00"	14.03	124.8	13.02	23.66	8.81	124.2	20.59	17.1	78.09	78.6	-0.508	64.06	62.54	26.353	234.08		0	
"2014-07-01	13:00:00"	10.06	115.5	24.48	17.7	6.746	114.3	29.63	13.52	80.9	81.9	-1.071	59.74	58.37	26.379	447.2		0	
"2014-07-01	14:00:00"	10.93	89.9	21.37	20.09	7.623	88.2	28.48	14.72	84.6	86.5	-1.936	52.21	51.47	26.392	870.36		0	
"2014-07-01	15:00:00"	9.73	83.9	21.96	18.3	6.745	78.83	30.96	13.52	87.3	89.2	-1.943	46.3	46.78	26.393	943.26		0	
"2014-07-01	16:00:00"	11.67	87.1	21.19	21.87	7.991	84	27.4	16.51	88.4	90.1	-1.667	42.68	43.88	26.388	608.88		0	
"2014-07-01	17:00:00"	12.4	88.1	18.3	24.86	8.37	85.2	26.05	15.31	88.9	90.2	-1.258	40.97	42.83	26.374	470.34		0	
"2014-07-01	18:00:00"	12.04	82.2	16.41	23.07	7.939	78.28	24.33	15.91	90.1	91.3	-1.15	38.06	40.21	26.363	385.8		0	
"2014-07-01	19:00:00"	15.41	96.1	13.77	26.05	10.2	94.3	21.67	20.68	89.7	90.4	-0.735	38.29	40.49	26.343	331.41		0	
"2014-07-01	20:00:00"	13.99	108	11.18	22.47	9.28	106.5	19.23	17.1	89.3	89.6	-0.268	37.21	39.61	26.352	187.09		0	
"2014-07-01	21:00:00"	12.56	115.3	10.27	20.68	7.966	114.3	17.63	15.31	87.4	87.2	0.129	37.88	40.44	26.351	33.326		0	
"2014-07-01	22:00:00"	10.2	118	7.828	16.51	6.216	117.1	15.77	11.14	85.1	84.6	0.506	39.88	42.72	26.365	0.38902		0	
"2014-07-01	23:00:00"	12.06	127	8.82	18.3	7.122	125.8	16.62	12.33	84.6	84.3	0.312	37.09	39.53	26.396	0		0	
"2014-07-02	00:00:00"	14	128.4	8.88	22.47	8.28	127.6	17.11	15.91	83.3	82.9	0.389	36.31	38.54	26.396	0		0	
"2014-07-02	01:00:00"	10.19	131	10.15	17.1	5.996	130.5	17.96	12.33	80.9	80.5	0.418	40.66	42.68	26.392	0		0	
"2014-07-02	02:00:00"	7.783	113.8	25.7	14.72	4.711	111.4	30.33	9.95	79.07	78.63	0.445	45.18	46.67	26.395	0		0	
"2014-07-02	03:00:00"	6.088	76.95	11.27	8.75	3.456	69.91	19.93	5.771	76.92	76.15	0.767	48.74	50.32	26.398	0		0	
"2014-07-02	04:00:00"	5.304	122.1	16.67	8.16	2.613	114.9	25.27	5.175	76.89	75.25	1.637	46.67	50.26	26.383	0		0	
"2014-07-02	05:00:00"	6.513	143	8.73	11.74	3.397	139.2	16.33	7.561	76.33	75.24	1.085	46.63	48.81	26.385	0		0	
"2014-07-02	06:00:00"	5.337	140.2	11.65	8.16	2.455	130.1	20.49	4.578	74.53	73.03	1.5	52.4	54.39	26.392	0		0	
"2014-07-02	07:00:00"	4.817	93.5	12.42	8.16	2.826	82.2	20.24	4.578	73.82	72.96	0.858	59.96	59.75	26.42	0.21528		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-02	08:00:00"	3.187	92.7	28.23	6.964	1.694	80.7	33.54	3.386	73.61	73.01	0.605	66.49	65.48	26.447	15.218	0		
"2014-07-02	09:00:00"	7.204	35.92	11.9	10.54	4.336	32.87	14.4	9.35	74.19	74.15	0.044	65.6	64.18	26.478	67.998	0		
"2014-07-02	10:00:00"	16.36	14.92	10.62	28.43	11.87	13.72	15	24.26	71.84	72.27	-0.428	65.27	62.63	26.502	97.118	0		
"2014-07-02	11:00:00"	19.74	17.43	11.82	30.22	13.96	16.22	13.9	25.45	71.86	72.51	-0.651	60.8	58.41	26.5	306.57	0		
"2014-07-02	12:00:00"	19.91	27.28	11.88	30.22	13.03	23.27	14.54	22.47	74.06	74.83	-0.763	56.09	54.63	26.503	474.49	0		
"2014-07-02	13:00:00"	16.46	45.55	16.04	25.45	9.86	40.14	19.51	18.3	79.17	80.8	-1.654	47.88	47.47	26.509	880.43	0		
"2014-07-02	14:00:00"	14.75	68.18	17.24	23.66	9.36	64.21	24.26	16.51	82.6	84.9	-2.329	43.83	43.65	26.507	844.9	0		
"2014-07-02	15:00:00"	15.37	82.1	16.99	26.05	10.09	78.99	24.53	20.09	84.4	86.4	-1.949	39.59	40.26	26.502	732.27	0		
"2014-07-02	16:00:00"	14.42	73.57	17.25	25.45	9.32	70.53	25.27	18.3	86	88	-2.021	36.83	37.61	26.501	687.62	0		
"2014-07-02	17:00:00"	12.84	76.89	22.79	34.4	7.988	73.75	28.33	21.87	84.1	84.9	-0.828	41.93	43.16	26.481	169.01	0		
"2014-07-02	18:00:00"	28.04	56.32	47.22	53.48	16.95	51.56	50.2	41.56	67.14	66.4	0.746	78.85	81.5	26.439	28.286	0.76		
"2014-07-02	19:00:00"	19.09	172.1	14.9	32.01	10.75	173.9	21.57	20.09	65.42	64.06	1.354	83.2	87.2	26.421	20.728	1.27		
"2014-07-02	20:00:00"	12.06	151.6	27.81	31.42	6.818	149.9	35.62	19.49	67.79	65.98	1.812	77.34	80.8	26.409	8.9408	0.59		
"2014-07-02	21:00:00"	8.57	28.25	24.55	14.12	5.531	22.86	24.95	11.14	70.71	69.39	1.322	76.23	77.68	26.4	2.3619	0.02		
"2014-07-02	22:00:00"	11.71	9.4	20.64	20.68	8.29	5.292	21.85	15.91	70.79	70.39	0.396	79.81	78.01	26.436	0.03042	0.01		
"2014-07-02	23:00:00"	12.77	1.89	19.27	23.07	9.25	358.2	21.27	19.49	68.87	68.71	0.159	87.7	84.3	26.464	0	0.01		
"2014-07-03	00:00:00"	15.14	24.44	9.86	22.47	10.13	22.31	12.11	18.89	69.17	69	0.161	86.5	82.8	26.48	0	0.01		
"2014-07-03	01:00:00"	6.967	47.46	74.57	12.33	4.073	42.16	81	8.75	70.32	69.4	0.913	82.4	82.2	26.49	0	0.04		
"2014-07-03	02:00:00"	5.29	325.4	56.86	9.95	3.598	318.1	60.87	7.561	70.46	69.78	0.689	82.3	81.3	26.505	0	0		
"2014-07-03	03:00:00"	4.623	336.6	56.9	9.95	3.072	339.3	61.3	6.368	68.45	67.96	0.495	87.1	85.1	26.506	0	0.01		
"2014-07-03	04:00:00"	8.65	35.31	16.44	15.31	5.327	30.82	18.49	10.54	69.02	68.68	0.341	85.8	82.7	26.487	0	0		
"2014-07-03	05:00:00"	9.45	56.27	8.34	15.31	5.795	53.98	15.63	9.95	67.83	67.63	0.199	89.5	85.5	26.476	0	0		
"2014-07-03	06:00:00"	10.06	57.49	9.75	15.91	5.994	52.9	16.77	11.14	67.42	67.28	0.143	91.5	87.1	26.48	0	0		
"2014-07-03	07:00:00"	8.41	68.06	8.6	12.93	5.212	63.99	16.95	9.95	66.86	66.72	0.146	92.9	88.5	26.483	0.53582	0		
"2014-07-03	08:00:00"	8.46	56.58	11.14	12.93	4.896	51.45	18.58	9.35	67.19	67.06	0.128	91.4	87.3	26.49	38.419	0		
"2014-07-03	09:00:00"	10.17	64.08	10.4	14.72	5.901	54.09	17.84	10.54	69.39	70.08	-0.684	86.8	82.5	26.509	246.08	0		
"2014-07-03	10:00:00"	10.84	74.94	12.37	16.51	6.939	67.57	21.28	12.93	72.42	73.76	-1.343	78.33	74.97	26.529	435.24	0		
"2014-07-03	11:00:00"	8.36	115	18.77	15.31	5.668	113.1	25.12	12.33	76.35	77.84	-1.484	65.93	64.56	26.541	608.79	0		
"2014-07-03	12:00:00"	9.27	139.5	18.73	17.1	5.974	139.3	26.55	12.33	79.31	80.9	-1.563	58.67	58.56	26.551	755.83	0		
"2014-07-03	13:00:00"	10.43	134.5	18.23	20.09	6.909	133	25.64	16.51	82.3	83.7	-1.315	49.79	51.87	26.557	827.82	0		
"2014-07-03	14:00:00"	11.79	146.3	15.14	23.66	7.451	146.4	22.4	18.3	84.8	86.1	-1.289	41.05	44.88	26.553	850.64	0		
"2014-07-03	15:00:00"	12.18	150.4	17.01	21.87	7.545	150.8	24.21	14.72	86.6	88	-1.37	36.93	41.11	26.545	886.78	0		
"2014-07-03	16:00:00"	11.79	153.2	22.79	19.49	7.321	155.3	28.48	14.12	87.6	88.6	-0.993	34	38.3	26.527	736.68	0		
"2014-07-03	17:00:00"	16.01	129.2	14.67	27.24	9.85	128.5	21.79	20.09	87	88.1	-1.073	37.89	41.73	26.512	752.13	0		
"2014-07-03	18:00:00"	17.36	133.5	12.22	27.84	10.38	133.7	19.95	18.89	86.1	86.8	-0.686	38.04	41.82	26.5	538.5	0		
"2014-07-03	19:00:00"	19.08	129	10.83	30.82	11.42	127.2	18.53	23.66	84.8	85.3	-0.486	39.76	43.09	26.484	422.25	0		
"2014-07-03	20:00:00"	16.5	138.1	11.11	25.45	9.78	137.3	18.91	18.89	84.5	84.3	0.247	37.61	41.41	26.475	229.18	0		
"2014-07-03	21:00:00"	13.33	146.8	9.01	22.47	7.469	145.4	17.81	15.91	83.5	82.8	0.779	36.61	40.9	26.474	56.278	0		
"2014-07-03	22:00:00"	10.07	126.2	12.93	15.91	5.669	122.8	19.59	9.35	79.58	78.36	1.221	45.18	49.46	26.473	0.6053	0		
"2014-07-03	23:00:00"	8.47	109.2	7.271	11.74	4.745	104.1	16.25	8.16	76.43	75.12	1.312	54.1	57.71	26.491	0	0		
"2014-07-04	00:00:00"	7.437	115.3	8.57	9.35	3.734	107.3	14.85	6.368	74.54	72.63	1.911	57.84	62.8	26.506	0	0		
"2014-07-04	01:00:00"	7.506	125.9	6.007	9.95	3.484	113.3	13.13	5.175	72.71	70.23	2.481	57.26	64.21	26.506	0	0		
"2014-07-04	02:00:00"	7.561	132.9	7.31	9.95	3.347	120.6	15.46	5.771	71.12	68.59	2.532	57.71	64.17	26.499	0	0		
"2014-07-04	03:00:00"	8.11	125.1	7.763	12.93	4.069	116.9	15.62	9.35	70.55	68.57	1.979	58.53	62.92	26.494	0	0		
"2014-07-04	04:00:00"	7.897	90.2	17.23	10.54	4.265	83	22.72	6.964	68.46	67.25	1.215	65.1	66.47	26.493	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-04	05:00:00"	8.37	84.4	7.719	11.14	4.387	78.25	17.3	7.561	67.03	65.99	1.048	71.78	71.23	26.487	0	0		
"2014-07-04	06:00:00"	7.583	98.2	11.97	11.14	4.523	95.2	18.68	7.561	66.25	65.48	0.773	80.4	77.82	26.484	0	0		
"2014-07-04	07:00:00"	7.913	110.1	9.3	11.14	4.719	105.9	16.99	7.561	66.13	65.33	0.801	82.5	80.1	26.49	1.4726	0		
"2014-07-04	08:00:00"	8.69	126.6	9.79	12.33	5.007	123.6	18.04	8.16	67.45	66.91	0.534	77.67	75.62	26.504	57.949	0		
"2014-07-04	09:00:00"	10.26	152.6	13.74	18.3	6.205	151.3	20.7	12.93	71.33	71.85	-0.514	68.45	66.13	26.537	238	0		
"2014-07-04	10:00:00"	14.13	166.8	10.3	20.68	8.47	167.1	18.61	14.12	74.5	75.47	-0.971	62.71	61.39	26.566	432.84	0		
"2014-07-04	11:00:00"	14.73	166.7	11.39	21.87	8.79	167.5	19.71	15.31	78.06	79.14	-1.085	54.96	55.32	26.571	607.59	0		
"2014-07-04	12:00:00"	14.59	174.5	12.75	22.47	8.88	175.1	20.12	15.91	81.3	82.4	-1.113	47.37	49.24	26.575	763.72	0		
"2014-07-04	13:00:00"	12.39	182.3	17.35	20.68	7.952	183.2	23.23	15.31	84	85.1	-1.102	41.19	44.18	26.583	861.91	0		
"2014-07-04	14:00:00"	11.66	171.3	21.83	20.68	7.369	172.1	27.82	15.31	86.2	87.3	-1.094	36.51	39.77	26.579	903.79	0		
"2014-07-04	15:00:00"	12.46	160.3	20.01	21.87	7.665	160.4	27.96	15.91	88.1	89.4	-1.235	32.74	35.93	26.568	900.48	0		
"2014-07-04	16:00:00"	12.7	158.8	20.12	22.47	7.837	159.2	26.26	17.1	89.3	90.3	-0.991	29.57	32.64	26.56	789.45	0		
"2014-07-04	17:00:00"	14.35	157.4	16.93	28.43	8.7	157.6	24.03	18.3	90	90.9	-0.959	26.75	29.7	26.549	738.46	0		
"2014-07-04	18:00:00"	14.86	156.6	17.92	23.66	8.8	156.6	24.66	17.1	90.2	90.9	-0.755	25.11	27.99	26.533	606.52	0		
"2014-07-04	19:00:00"	15.88	159.9	13.02	24.86	9.3	160.1	20.36	18.3	89.6	89.9	-0.305	22.73	25.31	26.523	424.64	0		
"2014-07-04	20:00:00"	16.17	162	11.92	24.86	9.32	162.2	19.58	17.7	88.3	87.9	0.406	22.65	25.24	26.515	227.05	0		
"2014-07-04	21:00:00"	15	156.8	8.73	24.26	8.53	155.7	17.75	17.1	85.7	85	0.749	25.68	28.33	26.513	56.984	0		
"2014-07-04	22:00:00"	10.87	158.9	7.388	15.91	6.011	158.3	16.6	11.74	81.9	80.5	1.348	31.68	35.37	26.507	0.49502	0		
"2014-07-04	23:00:00"	8.59	149.6	7.265	11.74	4.043	143.2	16.44	7.561	78.52	76.41	2.11	36.89	42.58	26.511	0	0		
"2014-07-05	00:00:00"	8.21	143.3	7.003	11.14	3.728	134.7	15.76	6.368	75.85	73.29	2.559	42.17	48.87	26.513	0	0		
"2014-07-05	01:00:00"	8.35	145.8	7.598	11.14	3.884	140.1	16.02	6.368	74.13	71.95	2.183	44.92	50.26	26.512	0	0		
"2014-07-05	02:00:00"	7.56	158.2	6.953	10.54	3.251	152	15.8	6.368	72.83	70.38	2.444	50.47	55.64	26.507	0	0		
"2014-07-05	03:00:00"	6.965	158.8	6.541	9.95	2.85	150.7	15.88	5.175	71.39	68.68	2.716	56.93	62.16	26.499	0	0		
"2014-07-05	04:00:00"	6.61	148.9	9.91	11.14	2.819	135.5	18.62	6.368	70.57	68.16	2.412	60.33	64.67	26.493	0	0		
"2014-07-05	05:00:00"	6.834	130.1	8.51	8.75	3.175	114.8	14.44	5.175	69.02	66.79	2.229	64.65	68.34	26.49	0	0		
"2014-07-05	06:00:00"	6.826	137.4	12.3	11.74	2.961	123	20.89	7.561	68.42	66.22	2.203	66.78	69.89	26.492	0	0		
"2014-07-05	07:00:00"	6.378	125.8	11.57	8.16	2.687	108.4	16.44	4.578	66.55	64.43	2.119	70.93	73.68	26.493	1.5257	0		
"2014-07-05	08:00:00"	6.717	135.6	8.9	11.14	3.555	126.1	17.51	7.561	67.79	66.73	1.052	72.92	72.33	26.496	72.674	0		
"2014-07-05	09:00:00"	12.28	161.6	10.34	19.49	7.346	160.9	18.48	14.72	72.31	72.77	-0.455	68.44	66.08	26.521	248.62	0		
"2014-07-05	10:00:00"	14.42	168.9	11.68	21.28	8.65	170.8	19.43	15.31	75.74	76.63	-0.888	60.42	59.34	26.543	443.12	0		
"2014-07-05	11:00:00"	12.69	172.1	13.28	20.09	7.799	174.3	20.36	15.31	78.9	80	-1.114	53.8	53.8	26.541	618.06	0		
"2014-07-05	12:00:00"	11.33	171.4	14.94	17.7	7.178	173.8	22.29	12.93	82.6	83.7	-1.157	44.65	46.39	26.546	773.46	0		
"2014-07-05	13:00:00"	10.84	184	15.99	18.3	7.066	186.7	21.8	12.93	85.7	86.8	-1.041	37.18	39.81	26.552	872.85	0		
"2014-07-05	14:00:00"	8.73	191.2	27.16	15.31	6.064	194	31.07	12.33	88.5	89.2	-0.7	31.61	34.35	26.549	916.03	0		
"2014-07-05	15:00:00"	10.36	165.3	18.73	18.89	6.706	168	25.6	13.52	90.2	91.2	-0.954	28.34	31.16	26.539	912.8	0		
"2014-07-05	16:00:00"	11.87	167.7	21.79	21.28	7.5	169.4	27.61	14.72	91.1	92.2	-1.059	26.01	28.65	26.528	880.32	0		
"2014-07-05	17:00:00"	10.47	185.6	25.13	18.89	6.957	187	29.09	14.12	92.2	93	-0.797	23.08	25.61	26.511	775.03	0		
"2014-07-05	18:00:00"	11.84	163.1	21.3	19.49	7.399	164.1	28.38	14.72	91.7	92.5	-0.716	23.31	25.95	26.496	623.99	0		
"2014-07-05	19:00:00"	10.47	159.5	16.38	20.09	6.403	161.1	23.08	13.52	91.4	91.8	-0.38	23.19	25.95	26.475	424.67	0		
"2014-07-05	20:00:00"	10.51	147.2	14.18	16.51	6.131	148.2	21.43	12.93	90.2	89.7	0.51	24.33	27.55	26.467	218.74	0		
"2014-07-05	21:00:00"	11.79	148.2	9.34	17.7	6.431	149.2	17.48	14.12	87.1	86.2	0.899	27.6	30.74	26.467	41.386	0		
"2014-07-05	22:00:00"	11.92	153	8.33	21.28	6.59	153.6	17.8	14.72	83.5	82.3	1.137	33.41	36.76	26.46	0.33559	0		
"2014-07-05	23:00:00"	13.9	157.2	8.62	22.47	7.909	158.2	17.1	15.31	81.2	80.5	0.761	39.07	42.02	26.468	0	0		
"2014-07-06	00:00:00"	13.49	160.7	8.81	23.66	7.793	161.5	17.36	15.91	79.21	78.54	0.668	43.07	45.5	26.471	0	0		
"2014-07-06	01:00:00"	12.3	168.8	8.74	20.09	6.879	170	17.52	15.31	77.21	76.52	0.687	48.47	50.29	26.465	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-06	02:00:00"	11.15	171.9	8.73	17.7	6.414	174.4	17.49	12.33	75.75	75.13	0.625	52.04	53.38	26.449	0	0		
"2014-07-06	03:00:00"	10.37	174.8	8.24	17.7	5.907	175.9	16.75	12.33	74.15	73.43	0.724	55.81	56.7	26.434	0	0		
"2014-07-06	04:00:00"	8.29	165.6	8.03	12.33	4.338	164.3	16.24	8.16	72.66	71.65	1.011	59.64	60.61	26.419	0	0		
"2014-07-06	05:00:00"	8.18	158.9	8.97	13.52	4.247	156.8	17.61	9.95	71.93	70.92	1.011	62.28	62.94	26.406	0	0		
"2014-07-06	06:00:00"	6.719	158.3	7.812	9.35	3.13	155.5	16.99	6.368	70.61	69.13	1.484	66.12	67.38	26.4	0	0		
"2014-07-06	07:00:00"	4.309	96.9	66.07	7.561	2.262	91.9	77.51	5.771	69.69	68.21	1.48	68.84	70.09	26.405	0.99754	0		
"2014-07-06	08:00:00"	5.074	62.91	20.28	6.964	2.721	53.34	22.08	5.771	69.65	68.71	0.934	69.46	69.7	26.423	46.417	0		
"2014-07-06	09:00:00"	4.633	71.66	17.62	8.16	3.104	66.95	24.16	6.368	71.61	71.8	-0.191	66.01	65.03	26.448	158.04	0		
"2014-07-06	10:00:00"	6.417	125.4	27.7	10.54	4.111	124.1	33.9	7.561	72.89	73.15	-0.26	64.62	63.65	26.46	173.27	0		
"2014-07-06	11:00:00"	4.973	165.2	25.14	8.75	3.274	165.8	32.97	6.368	74.58	74.89	-0.308	62.03	61.34	26.464	231	0		
"2014-07-06	12:00:00"	4.861	160.1	30.09	10.54	3.374	160.5	37.42	8.16	77.75	78.21	-0.461	57.09	56.87	26.47	417.6	0		
"2014-07-06	13:00:00"	4.824	141.4	28.12	9.95	3.4	140.9	37.82	6.368	80.4	80.8	-0.474	52.2	53.12	26.479	370.69	0		
"2014-07-06	14:00:00"	4.381	165.4	39.59	11.14	3.213	169.6	49.52	9.95	83.9	84.1	-0.169	45	47.67	26.479	487.5	0		
"2014-07-06	15:00:00"	5.896	183.6	31.39	9.95	4.097	185.5	35.93	7.561	84.4	84.5	-0.088	40.23	43.94	26.475	306.86	0		
"2014-07-06	16:00:00"	6.095	240.3	14.41	9.95	4.823	237.9	16.52	8.16	84.4	84.4	-0.007	41.56	44.88	26.458	313.75	0		
"2014-07-06	17:00:00"	6.571	224.6	13.56	12.93	4.87	223.6	16	11.14	84.2	84.2	0.061	41.56	45	26.434	279.64	0		
"2014-07-06	18:00:00"	5.81	230	13.82	9.35	4.293	229.6	16.19	6.964	84	83.8	0.201	38.77	42.9	26.415	186.76	0		
"2014-07-06	19:00:00"	5.138	246.8	15.12	9.35	4.164	245.5	16.79	8.16	85.7	85.4	0.324	35.87	40.03	26.397	303.82	0		
"2014-07-06	20:00:00"	3.883	278.7	17.04	6.964	2.885	275.4	21.64	6.368	85.3	84.8	0.513	35.75	41.13	26.401	156.94	0		
"2014-07-06	21:00:00"	3.614	262.7	34.71	5.175	1.747	243.9	59.16	3.982	82.8	80.4	2.456	36.71	49.68	26.391	31.451	0		
"2014-07-06	22:00:00"	3.001	312.4	45.62	4.578	1.176	17.71	58.29	3.982	80.5	76.22	4.241	41.92	57.31	26.38	0.2762	0		
"2014-07-06	23:00:00"	4.615	57.73	21.09	8.16	2.611	72.23	23.05	6.368	77.58	74.45	3.13	50.45	60.26	26.385	0	0		
"2014-07-07	00:00:00"	6.901	142.5	14.19	9.35	2.335	119.6	20.23	3.982	76.21	71.68	4.532	50.92	63.37	26.395	0	0		
"2014-07-07	01:00:00"	5.983	160.1	6.985	6.964	1.265	125.9	15.91	2.789	74.92	70.56	4.36	52.23	63.6	26.4	0	0		
"2014-07-07	02:00:00"	4.312	132.1	12.12	6.368	1.363	77.75	12.28	3.386	73.3	69.96	3.336	55.62	63.05	26.393	0	0		
"2014-07-07	03:00:00"	4.548	111	9.31	6.368	2.363	71.28	11.23	3.386	72.58	70.04	2.542	57.72	62.64	26.385	0	0		
"2014-07-07	04:00:00"	7.035	135	5.546	8.75	2.753	117.1	13.53	4.578	71.4	68.61	2.785	64.15	69.3	26.377	0	0		
"2014-07-07	05:00:00"	4.97	132.1	6.502	6.964	1.086	88.5	26.95	2.789	70.13	67.26	2.867	68.46	72.82	26.365	0	0		
"2014-07-07	06:00:00"	1.85	144.7	63.37	3.982	1.011	10.72	52.85	3.982	69.5	66.97	2.53	69.62	73.52	26.355	0	0		
"2014-07-07	07:00:00"	3.584	104.3	33.9	5.175	1.654	74.1	34.78	3.982	70.08	67.11	2.971	67.6	72.82	26.356	3.3571	0		
"2014-07-07	08:00:00"	4.986	104.9	23.21	8.16	2.816	90	29.9	5.175	70.67	69.32	1.353	68.43	69.79	26.372	76.752	0		
"2014-07-07	09:00:00"	8.28	143.9	10.76	12.93	5.041	142.9	18.61	9.95	74.9	75.24	-0.341	60	59.86	26.401	249.44	0		
"2014-07-07	10:00:00"	9.07	162.6	12.96	13.52	5.622	161.9	20.91	9.95	78.6	79.55	-0.946	50.5	51.28	26.427	446.6	0		
"2014-07-07	11:00:00"	7.076	176.9	26.32	12.33	4.889	178.1	32.45	9.35	81.9	82.8	-0.858	43.98	45.83	26.439	620.41	0		
"2014-07-07	12:00:00"	6.1	147.1	44.86	13.52	4.351	146.6	53.62	10.54	85.8	86.4	-0.582	36.18	39.21	26.447	775.86	0		
"2014-07-07	13:00:00"	9.44	154	24.1	18.3	6.202	154.5	31.21	13.52	87.5	88.4	-0.9	31.63	34.31	26.45	887.45	0		
"2014-07-07	14:00:00"	9.66	154.3	24.77	17.7	6.267	153.9	32.72	12.93	89.1	90.2	-1.174	28.58	31.11	26.444	937.35	0		
"2014-07-07	15:00:00"	9.03	164.7	28.7	17.1	6.085	166.1	37.03	14.12	90.7	91.7	-0.947	25.99	28.47	26.433	923.94	0		
"2014-07-07	16:00:00"	8.58	167.6	34.37	17.7	5.797	169.4	42.65	12.93	91.7	92.4	-0.718	25.13	27.59	26.424	835.25	0		
"2014-07-07	17:00:00"	9.52	156.2	22.35	20.68	6.104	156.4	29.7	14.72	91.6	92.1	-0.544	24.48	27.2	26.404	647.14	0		
"2014-07-07	18:00:00"	9.6	150.4	23.27	17.7	5.985	149.3	30.82	12.93	91.9	92.5	-0.58	23.91	26.72	26.385	610.46	0		
"2014-07-07	19:00:00"	11.43	143.7	15.55	20.09	6.957	143	23.03	14.12	91.3	91.6	-0.303	23.72	26.41	26.371	368.83	0		
"2014-07-07	20:00:00"	10.94	143.1	13.48	20.68	6.467	141.6	20.64	15.91	90.8	90.3	0.533	23.81	26.75	26.362	240.7	0		
"2014-07-07	21:00:00"	11.76	141.7	10.2	23.07	6.61	140.5	18.76	16.51	88.1	87.3	0.778	27.66	30.49	26.357	58.683	0		
"2014-07-07	22:00:00"	9.61	140.8	8.27	13.52	4.979	137	17.09	8.16	83.9	82.4	1.513	33.3	37.21	26.361	0.62492	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-07	23:00:00"	11.42	152	8.99	18.3	6.169	150.6	17.99	11.74	82	80.7	1.311	35.68	39.28	26.372	0	0		
"2014-07-08	00:00:00"	13.19	161.6	8.29	22.47	7.513	161	17.37	17.1	80.7	79.9	0.832	36.76	39.56	26.391	0	0		
"2014-07-08	01:00:00"	14.76	167.5	8.34	23.66	8.49	167.6	16.6	17.1	79.05	78.39	0.662	40.14	42.57	26.402	0	0		
"2014-07-08	02:00:00"	11.92	166.2	8.64	18.89	6.555	165.8	17.48	12.93	76.56	75.78	0.778	45.04	47.05	26.396	0	0		
"2014-07-08	03:00:00"	11.1	170.6	8.66	16.51	6.195	170.4	17.48	12.33	74.73	74.01	0.72	51.74	52.78	26.375	0	0		
"2014-07-08	04:00:00"	9.21	173.1	8.08	14.12	5.016	174.8	17.29	9.95	73.35	72.49	0.861	57.14	57.82	26.364	0	0		
"2014-07-08	05:00:00"	5.273	180.1	9.89	9.95	2.001	181.3	19.87	5.175	71.43	69.71	1.724	62.14	64.04	26.364	0	0		
"2014-07-08	06:00:00"	4.187	176.6	12.62	6.964	1.04	186.8	33.99	2.193	69.49	67.2	2.285	67.28	69.78	26.349	0	0		
"2014-07-08	07:00:00"	3.514	210.3	20.9	5.175	1.033	237	42.95	2.193	68.88	66.77	2.111	68.76	70.98	26.346	1.1565	0		
"2014-07-08	08:00:00"	3.925	181.8	10.99	6.964	1.355	165.7	18.75	5.175	70.16	68.74	1.415	67.14	68.06	26.361	69.502	0		
"2014-07-08	09:00:00"	9.54	176.2	10.37	15.31	5.806	177.8	18.39	11.14	73.52	74	-0.487	62.2	60.66	26.394	244.91	0		
"2014-07-08	10:00:00"	9.89	194.6	13.12	14.72	6.578	196.6	18.75	10.54	77	77.97	-0.966	55.41	54.71	26.428	440.49	0		
"2014-07-08	11:00:00"	8.08	189.6	17.88	12.93	5.54	192	22.99	10.54	81.4	82.3	-0.903	46.53	47.63	26.447	615.75	0		
"2014-07-08	12:00:00"	6.29	181.5	28.31	12.93	4.433	183	33.76	8.75	86.1	86.7	-0.602	37.81	40.32	26.467	805.56	0		
"2014-07-08	13:00:00"	4.267	196.6	59.39	9.95	3.25	198.5	67.11	8.75	90.9	90.8	0.075	31.69	35.17	26.484	899.5	0		
"2014-07-08	14:00:00"	3.811	138.3	79.03	10.54	2.997	120.7	84.1	9.95	93	92.6	0.39	27.96	31.81	26.486	746.6	0		
"2014-07-08	15:00:00"	4.834	63.95	71.46	10.54	3.776	53.69	76.16	9.35	92.8	92.6	0.229	27.41	31.29	26.474	693.04	0		
"2014-07-08	16:00:00"	4.916	119.1	55.56	12.33	3.754	122.4	61.14	9.95	93.9	93.5	0.417	26.87	30.6	26.467	783.52	0		
"2014-07-08	17:00:00"	7.242	89.3	38.14	18.89	5.075	84	47.76	15.91	94.1	94.5	-0.439	24.4	27.55	26.452	770.09	0		
"2014-07-08	18:00:00"	9.79	87.4	17.42	17.7	6.5	84.8	25.98	13.52	92.4	92.6	-0.276	23.36	26.24	26.434	368.81	0		
"2014-07-08	19:00:00"	10.17	112	19.63	23.66	6.62	109.9	26.13	20.68	93.3	93.6	-0.295	21.45	24.23	26.414	444.35	0		
"2014-07-08	20:00:00"	12.35	119.5	12.58	20.68	7.659	118.3	19.22	17.7	91.7	91.2	0.464	24.38	27.19	26.417	232.03	0		
"2014-07-08	21:00:00"	12.41	129.9	8.34	19.49	7.121	129.7	17.28	14.12	88.7	88	0.742	29.07	31.96	26.419	53.386	0		
"2014-07-08	22:00:00"	9.2	134.9	6.833	13.52	4.78	132.5	16.13	10.54	84.6	83.1	1.495	35.03	39.07	26.423	0.28636	0		
"2014-07-08	23:00:00"	10.05	152.2	8.42	15.31	5.304	151.2	17.37	9.35	82.9	81.5	1.401	38.62	42.59	26.438	0	0		
"2014-07-09	00:00:00"	9.13	159.6	9.33	15.31	4.815	158.5	17.86	10.54	80.8	79.41	1.419	43.26	46.99	26.45	0	0		
"2014-07-09	01:00:00"	9.5	167.1	7.824	14.72	5.039	168.2	16.86	9.95	79.39	78.24	1.147	46.58	49.45	26.448	0	0		
"2014-07-09	02:00:00"	8.33	171.3	7.471	11.74	4.191	171.1	16.52	7.561	77.2	75.75	1.451	50.89	53.8	26.446	0	0		
"2014-07-09	03:00:00"	8.32	166.9	6.833	10.54	3.988	165.3	15.33	6.368	75.11	73.69	1.417	56.98	59.05	26.429	0	0		
"2014-07-09	04:00:00"	7.974	164	6.928	11.74	3.738	163.4	16.1	6.964	73.31	71.74	1.569	62.77	64.42	26.417	0	0		
"2014-07-09	05:00:00"	8.97	159.7	6.402	11.74	4.467	156.8	15.76	7.561	72.41	71.01	1.399	65.2	66.26	26.408	0	0		
"2014-07-09	06:00:00"	7.364	151.5	6.086	9.95	2.966	140.6	14.66	5.771	71.36	69.02	2.34	67.48	70.22	26.397	0	0		
"2014-07-09	07:00:00"	6.499	137.1	7.396	8.16	2.541	120.6	13.32	4.578	70.22	67.72	2.51	70.37	73.22	26.39	1.1534	0		
"2014-07-09	08:00:00"	4.929	122.1	10.01	7.561	2.203	106.2	19.45	5.175	70.65	69.44	1.207	70.92	71.06	26.4	67.783	0		
"2014-07-09	09:00:00"	7.882	148.1	16.26	12.33	4.863	147.5	23.82	8.75	74.98	75.53	-0.55	63.08	61.76	26.428	243.34	0		
"2014-07-09	10:00:00"	8.97	164.6	12.71	13.52	5.721	166.5	20.46	10.54	78.56	79.64	-1.076	56.33	55.71	26.46	437.19	0		
"2014-07-09	11:00:00"	8.78	160	17.41	13.52	5.736	161.3	25.37	10.54	81.8	83	-1.23	50.08	50.56	26.476	611.95	0		
"2014-07-09	12:00:00"	8.76	139.4	21.31	18.3	5.847	139.6	29	12.93	85.2	86.3	-1.077	41.5	43.81	26.485	768.1	0		
"2014-07-09	13:00:00"	11.33	138.9	17.96	18.89	7.217	139.2	25.12	15.31	87.6	89	-1.354	34.9	37.44	26.486	867.27	0		
"2014-07-09	14:00:00"	12.76	141	23.66	21.87	8.12	140.6	29.42	15.31	89.7	91	-1.286	30.86	33.29	26.477	917.72	0		
"2014-07-09	15:00:00"	14.12	153.6	18.26	23.66	8.67	154.7	25.32	17.1	90.4	91.7	-1.319	29.91	32.18	26.467	872.94	0		
"2014-07-09	16:00:00"	13.7	142.5	18.94	25.45	8.43	142.7	25.79	18.3	90.4	91.5	-1.114	30.18	32.64	26.456	734.61	0		
"2014-07-09	17:00:00"	13.01	145	16.78	26.05	8.1	146	24.35	15.91	91.5	92.8	-1.335	29.67	32.06	26.44	802.95	0		
"2014-07-09	18:00:00"	14.05	145.8	15.2	24.26	8.37	146	22.65	17.7	90.8	91.6	-0.775	29.06	31.66	26.424	526	0		
"2014-07-09	19:00:00"	13.58	144.2	14.02	24.26	8.17	145.1	21.39	15.31	91	91.6	-0.633	29.52	32.08	26.403	477.14	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-09	20:00:00"	14.69	151.1	13.76	20.68	8.45	152.1	21.57	15.91	89.2	89.1	0.07	32.08	34.82	26.4	222.1		0	
"2014-07-09	21:00:00"	13.34	153.6	8.61	21.87	7.675	155.8	17.41	14.12	86.2	85.7	0.512	36.27	39.22	26.406	37.963		0	
"2014-07-09	22:00:00"	9.92	149.1	7.632	16.51	5.182	148.6	16.83	11.14	82.9	81.9	1.088	40.93	44.53	26.411	0.29462		0	
"2014-07-09	23:00:00"	9.18	154.5	8.38	14.12	4.734	153	16.89	9.95	80.7	79.45	1.292	45.21	48.55	26.417	0		0	
"2014-07-10	00:00:00"	7.909	165.3	7.14	12.93	3.833	163.4	16.3	7.561	78.48	76.91	1.568	50.34	53.76	26.423	0		0	
"2014-07-10	01:00:00"	8.94	159.7	7.446	18.3	4.336	154.5	17.56	13.52	76.79	74.69	2.104	53.7	57.78	26.41	0		0	
"2014-07-10	02:00:00"	8.35	162.5	7.97	15.91	4.272	162.2	16.55	10.54	75.93	74.7	1.227	57.69	59.5	26.409	0		0	
"2014-07-10	03:00:00"	6.944	159.1	8.24	9.95	2.931	152.8	17.5	5.175	73.86	71.89	1.967	63.83	66.41	26.394	0		0	
"2014-07-10	04:00:00"	7.216	145.9	6.169	9.35	2.875	134.6	14.93	4.578	72.13	69.68	2.449	65.2	68.83	26.373	0		0	
"2014-07-10	05:00:00"	7.792	138.6	7.092	9.95	3.589	131.4	15.9	6.368	70.8	68.87	1.923	64.61	66.98	26.355	0		0	
"2014-07-10	06:00:00"	7.894	125.7	7.751	11.14	3.984	117.6	16.07	6.368	68.86	67.37	1.483	66.7	67.51	26.348	0		0	
"2014-07-10	07:00:00"	8.49	140.9	8.11	11.14	4.285	137.7	16.59	8.16	68.09	66.87	1.224	66.93	66.76	26.346	0.99941		0	
"2014-07-10	08:00:00"	6.761	138.5	8.51	9.35	3.536	136.2	17.71	6.368	68.49	67.66	0.832	68.85	67.62	26.357	66.841		0	
"2014-07-10	09:00:00"	9.46	151.3	14.76	16.51	5.693	151.5	22.48	12.93	72.99	73.5	-0.518	61.9	60.24	26.395	240.13		0	
"2014-07-10	10:00:00"	14.11	167.1	11.35	20.68	8.4	169.2	19.34	15.91	76.06	76.94	-0.878	55.31	54.68	26.429	376.31		0	
"2014-07-10	11:00:00"	13.5	170.3	12.87	20.68	8.21	171	20.08	15.91	79.02	80.1	-1.098	48.31	48.79	26.441	563.64		0	
"2014-07-10	12:00:00"	11.97	160.3	13.64	18.89	7.236	161	21.1	14.12	81.6	82.5	-0.959	42.16	44.08	26.451	674.07		0	
"2014-07-10	13:00:00"	12.78	157.3	14.12	21.28	7.86	156.9	22.54	15.91	85	86.5	-1.468	35.66	37.67	26.457	875.14		0	
"2014-07-10	14:00:00"	13.4	157.2	16.54	21.87	8.28	156.5	23.3	17.1	87.3	88.8	-1.442	32.41	34.38	26.448	915.74		0	
"2014-07-10	15:00:00"	14.8	155.2	15.38	24.26	9.1	154.8	22.75	19.49	88.5	89.9	-1.453	30.8	32.81	26.434	911.62		0	
"2014-07-10	16:00:00"	15.1	156.1	16.24	25.45	9.18	156.8	24.72	18.89	89.5	90.9	-1.477	27.87	29.82	26.418	866.53		0	
"2014-07-10	17:00:00"	15.27	157.8	15.98	25.45	9.17	158.2	23.9	18.3	89.8	91	-1.277	26.15	28.11	26.405	763.59		0	
"2014-07-10	18:00:00"	14.51	158.3	14.08	26.65	8.77	158.5	21.79	17.7	90.1	91	-0.982	25.91	28.03	26.391	614.68		0	
"2014-07-10	19:00:00"	12.35	168.3	16.66	21.87	7.487	168	23.13	15.31	90	90.6	-0.665	26.66	28.86	26.382	435.39		0	
"2014-07-10	20:00:00"	12.72	157.7	13.77	21.28	7.378	157.2	21.28	13.52	88.7	88.4	0.228	28.61	31.22	26.385	237.5		0	
"2014-07-10	21:00:00"	12.22	160	9.96	18.3	6.884	159.4	18.51	13.52	86	85.4	0.605	32.15	34.78	26.389	58.765		0	
"2014-07-10	22:00:00"	11.17	158.3	7.653	17.7	6.178	158.1	17.13	12.33	82.3	81.3	1.017	37.28	40.47	26.395	0.37526		0	
"2014-07-10	23:00:00"	9.27	153.6	7.121	13.52	4.743	150.9	17.1	9.35	79.47	78.11	1.36	42.03	45.49	26.405	0		0	
"2014-07-11	00:00:00"	8.76	152.7	7.021	12.93	4.16	148.6	16.34	8.75	76.7	75.05	1.648	48.47	51.66	26.417	0		0	
"2014-07-11	01:00:00"	13.05	168.7	9.29	21.28	7.277	168.8	17.8	16.51	76.52	75.74	0.779	53.37	54.49	26.423	0		0	
"2014-07-11	02:00:00"	12.47	169.7	8.53	20.09	6.959	169.2	17.75	14.72	73.96	73.37	0.589	61.61	61.33	26.424	0		0	
"2014-07-11	03:00:00"	11.36	174.3	8.04	18.3	6.354	175.3	17.38	12.93	71.98	71.3	0.678	62.14	61.68	26.417	0		0	
"2014-07-11	04:00:00"	9.61	173.4	8.53	15.91	5.185	175	17.9	9.95	70.05	69.28	0.773	68.79	67.41	26.402	0		0	
"2014-07-11	05:00:00"	7.733	167.5	9.63	11.14	4.098	167	17.62	7.561	68.42	67.42	1.001	74.3	72.6	26.392	0		0	
"2014-07-11	06:00:00"	7.852	157.2	8.07	11.74	4.013	155.4	18.11	8.16	67.36	66.27	1.092	77.89	75.91	26.386	0		0	
"2014-07-11	07:00:00"	5.188	131.7	11.68	9.95	2.288	112.5	25.86	5.175	65.47	64.07	1.403	82.6	80.2	26.38	1.1644		0	
"2014-07-11	08:00:00"	4.096	106.6	15.03	8.16	1.939	91.1	25.99	6.368	66.5	65.56	0.941	80.8	78.17	26.393	69.441		0	
"2014-07-11	09:00:00"	10.43	144	11.1	17.7	6.391	143.6	20.41	12.93	70.04	70.84	-0.804	73.94	69.61	26.43	244.27		0	
"2014-07-11	10:00:00"	13.1	153.9	13.29	18.89	8.02	154	21.06	15.31	72.17	73.58	-1.412	70.13	65.85	26.465	418.98		0	
"2014-07-11	11:00:00"	12.25	156.5	15.94	18.3	7.577	155.7	24	12.93	74.58	76.38	-1.799	65.16	61.49	26.476	635.01		0	
"2014-07-11	12:00:00"	12.52	156.5	17.12	19.49	7.828	157.5	23.81	14.72	76.82	78.54	-1.717	59.67	57.18	26.487	712.87		0	
"2014-07-11	13:00:00"	12.04	159.7	17.1	18.89	7.527	161.2	24.27	14.72	79.37	81	-1.654	53.4	52.3	26.494	750.79		0	
"2014-07-11	14:00:00"	12.6	160.7	14.4	22.47	7.95	160.4	21.88	16.51	81.1	82.7	-1.61	48.38	48.34	26.492	725.66		0	
"2014-07-11	15:00:00"	11.81	151.6	17.87	21.28	7.564	151	25.18	13.52	83.5	85.2	-1.741	43.75	44.49	26.483	825.05		0	
"2014-07-11	16:00:00"	12.66	157.5	15.37	21.28	7.728	157.1	22.84	14.72	84.6	86.1	-1.482	41.8	43.19	26.473	704.66		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-11	17:00:00"	13.09	143.9	17.46	21.87	8.09	144.6	23.78	15.91	85.4	87	-1.514	40.34	41.96	26.461	716.72		0	
"2014-07-11	18:00:00"	14.77	138.7	15.84	26.05	9	138.5	23.5	17.1	85.2	86.4	-1.198	39.83	41.76	26.449	489.91		0	
"2014-07-11	19:00:00"	16.79	141.5	11.45	27.24	10	140.4	19.01	20.09	83.7	84.7	-0.938	43.1	44.48	26.438	393.54		0	
"2014-07-11	20:00:00"	17.32	147.2	11.64	26.05	10	147.2	19.95	20.09	82.3	82.5	-0.256	45.95	47.23	26.433	242.71		0	
"2014-07-11	21:00:00"	16.6	144.6	10.04	24.86	9.57	143.9	18.64	17.1	79.96	79.87	0.089	51.81	52.55	26.438	57.504		0	
"2014-07-11	22:00:00"	16.12	148.5	8.71	26.65	9.17	147.6	17.52	20.09	77.15	76.84	0.308	59.05	59.01	26.45	0.35255		0	
"2014-07-11	23:00:00"	14.97	147.5	9.49	27.24	8.59	146.4	18.14	18.89	74.3	74.05	0.256	66.91	65.54	26.472	0		0	
"2014-07-12	00:00:00"	9.31	148.3	9.53	15.31	5.192	146	17.96	9.95	72.25	71.69	0.559	71.65	70.16	26.482	0		0	
"2014-07-12	01:00:00"	9.14	145.6	10.12	17.1	5.262	144.2	18.19	11.14	71.9	71.48	0.423	71.28	69.6	26.486	0		0	
"2014-07-12	02:00:00"	10.25	139.9	9.94	17.1	5.856	137.2	18.11	12.33	71.51	71.17	0.339	75.25	72.74	26.482	0		0	
"2014-07-12	03:00:00"	8.64	128.2	9.09	14.12	5.03	124.9	17.08	9.95	70.29	69.75	0.54	78.02	75.52	26.465	0		0	
"2014-07-12	04:00:00"	9.82	136.2	8.61	14.72	5.672	133.2	17.58	9.95	69.94	69.37	0.569	75.2	73.11	26.453	0		0	
"2014-07-12	05:00:00"	10.1	133.7	8.16	15.91	5.726	131	17.29	11.14	69.21	68.69	0.521	77.37	74.73	26.442	0		0	
"2014-07-12	06:00:00"	10.45	140.2	9.29	15.91	6.034	138.6	17.93	11.14	68.91	68.42	0.489	77.53	74.76	26.44	0		0	
"2014-07-12	07:00:00"	7.501	131.3	12.59	14.72	4.466	128.1	19.99	9.35	68.22	67.82	0.404	79.86	76.59	26.452	0.76999		0	
"2014-07-12	08:00:00"	8.6	153.8	11.92	16.51	5.007	153.5	20.04	12.33	69.4	69.35	0.053	79.51	75.84	26.465	33.341		0	
"2014-07-12	09:00:00"	12.91	158.6	9.87	20.09	7.692	158.7	18.76	14.12	71.19	71.58	-0.389	77.11	73.24	26.481	139.07		0	
"2014-07-12	10:00:00"	14.76	164.4	10.86	20.68	8.8	165.3	19.46	15.91	73.56	74.65	-1.09	72.33	68.41	26.503	354.56		0	
"2014-07-12	11:00:00"	14.24	164.4	13.56	21.28	8.69	164.6	20.55	15.31	76.26	77.77	-1.515	66.17	63.01	26.517	557.42		0	
"2014-07-12	12:00:00"	13.1	168.1	14.22	20.68	8.08	168.9	21.88	15.31	79.69	81.4	-1.716	58.72	56.76	26.529	737.92		0	
"2014-07-12	13:00:00"	11.89	171.2	19.47	23.07	7.637	172.1	26.52	15.31	82.7	84.3	-1.645	52.07	51.45	26.54	816.57		0	
"2014-07-12	14:00:00"	9.81	165.9	28.39	17.1	6.41	165.5	34.3	11.74	84.3	85.5	-1.245	47.83	48.6	26.535	625.4		0	
"2014-07-12	15:00:00"	10.33	174.7	18.8	17.7	6.889	176.4	25.65	15.31	87.6	89.2	-1.552	41.57	42.98	26.519	973.51		0	
"2014-07-12	16:00:00"	9.37	170.2	25.44	20.68	6.253	174.1	31.04	13.52	89.1	90.5	-1.372	37.41	39.32	26.516	794.36		0	
"2014-07-12	17:00:00"	10.53	155.2	20.82	20.68	6.839	155.3	27.86	14.72	90.1	91.4	-1.261	34.22	36.5	26.495	745.24		0	
"2014-07-12	18:00:00"	11.6	161.8	20.89	20.68	7.246	162.9	26.86	14.72	89.9	90.9	-1.019	34.49	36.86	26.48	514.02		0	
"2014-07-12	19:00:00"	14.27	159.8	14.5	23.66	8.37	159.5	21.79	15.31	88.7	89.1	-0.348	34.93	37.65	26.472	273.28		0	
"2014-07-12	20:00:00"	16.04	160.6	12.81	25.45	9.18	161.4	20.08	17.1	87.5	87.6	-0.057	36.91	39.67	26.472	178.24		0	
"2014-07-12	21:00:00"	14.37	171.7	8.5	22.47	8.23	172.6	17.58	17.1	84.4	83.9	0.444	40.85	43.64	26.463	8.8729		0	
"2014-07-12	22:00:00"	11.62	164.9	9.34	19.49	6.606	166.2	17.44	13.52	81.8	81.2	0.636	45.94	48.2	26.458	0.28368		0	
"2014-07-12	23:00:00"	12.89	162	8.05	20.68	7.503	162	16.88	14.12	79.94	79.37	0.57	51.48	52.92	26.471	0		0	
"2014-07-13	00:00:00"	13.94	166.5	8.8	21.87	8.01	167	17.16	14.72	78.39	77.89	0.505	53.63	54.65	26.482	0		0	
"2014-07-13	01:00:00"	11.93	167.2	9.25	18.89	6.814	167.9	17.83	12.33	76.59	76.02	0.571	56.73	57.35	26.492	0		0	
"2014-07-13	02:00:00"	8.75	161.8	9.18	17.7	4.73	160.4	18.2	11.14	74.83	73.99	0.838	60.13	60.72	26.491	0		0	
"2014-07-13	03:00:00"	7.016	154	7.198	11.14	3.302	148.3	18.3	6.368	72.9	71.52	1.384	64.02	65.02	26.486	0		0	
"2014-07-13	04:00:00"	5.068	99.3	24.39	6.964	2.632	74.29	22.39	3.982	71.39	69.48	1.911	67.19	68.67	26.481	0		0	
"2014-07-13	05:00:00"	6.359	76.52	6.685	8.75	3.33	68.01	15.13	5.771	70.18	68.65	1.527	69.2	69.53	26.47	0		0	
"2014-07-13	06:00:00"	7.366	93.8	11.12	9.95	3.94	86.1	17.13	6.368	67.82	66.66	1.159	74.64	72.98	26.457	0		0	
"2014-07-13	07:00:00"	7.559	104.4	8.7	11.14	4.112	97.2	17.91	6.964	67.58	66.44	1.137	77.64	75.7	26.448	0.99943		0	
"2014-07-13	08:00:00"	7.465	79.66	10.75	11.14	4.44	73.09	19.05	8.16	67.81	67.24	0.573	76.98	74.23	26.464	60.627		0	
"2014-07-13	09:00:00"	8.22	122.5	21.95	15.31	5.223	119.1	29.08	10.54	72.56	73.18	-0.618	67.78	65.32	26.495	233.79		0	
"2014-07-13	10:00:00"	9.8	159.6	15.79	15.31	6.223	160.9	22.37	11.14	76.51	77.71	-1.206	60.05	58.42	26.523	431.57		0	
"2014-07-13	11:00:00"	9.63	167.6	18.35	14.72	6.179	167.4	25.47	11.14	80.1	81.3	-1.253	51.79	51.62	26.536	607.79		0	
"2014-07-13	12:00:00"	8.95	164.4	21.83	14.12	5.754	163.9	29.08	10.54	83.8	85.1	-1.272	43.34	44.74	26.547	762.38		0	
"2014-07-13	13:00:00"	8.78	144.7	25.66	16.51	6.034	143.4	33.97	13.52	86.8	88	-1.217	36.86	39.08	26.553	864.08		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-13	14:00:00"	10.62	150.7	23.14	23.07	6.943	151	30.38	14.12	88.8	90.2	-1.412	33.19	35.19	26.547	910.6	0		
"2014-07-13	15:00:00"	9.39	150.8	26.28	20.68	6.234	151.6	33.67	15.31	91.1	92.4	-1.206	30.37	32.57	26.536	914.06	0		
"2014-07-13	16:00:00"	10.32	162.7	29.32	21.28	6.859	164.8	34.79	14.12	92.4	93.6	-1.191	27.58	29.64	26.526	877.03	0		
"2014-07-13	17:00:00"	10.72	145.6	18.35	20.09	6.866	146	26.1	14.72	92.9	94.2	-1.35	26.41	28.49	26.507	771.35	0		
"2014-07-13	18:00:00"	11.42	159.1	15.49	21.28	7.071	161	23.02	16.51	92.4	93.4	-1.006	27.13	29.34	26.489	550.3	0		
"2014-07-13	19:00:00"	10.63	158.2	18.1	18.3	6.569	160.1	24.81	12.93	92.2	92.9	-0.718	27.54	29.9	26.478	424.83	0		
"2014-07-13	20:00:00"	10.23	167.1	18.17	17.1	6.184	168.8	24.63	12.93	91.7	91.6	0.101	28.39	31.15	26.476	255.97	0		
"2014-07-13	21:00:00"	10.11	150.9	12.97	16.51	5.757	151.2	20.37	12.33	88.6	88.1	0.548	32.28	35.2	26.47	56.068	0		
"2014-07-13	22:00:00"	7.81	146.4	7.096	11.74	3.584	138.9	14.39	6.964	84	82	1.972	37.31	42.27	26.455	0.28595	0		
"2014-07-13	23:00:00"	7.088	139	12.36	9.95	2.856	119.9	20.26	3.982	80.8	77.41	3.396	42.19	49.55	26.451	0	0		
"2014-07-14	00:00:00"	4.768	153.5	16.5	9.35	1.361	104.8	26.43	3.982	78.45	75.16	3.281	46.94	53.56	26.456	0	0		
"2014-07-14	01:00:00"	6.138	159.3	7.75	9.95	2.244	130.1	27.93	5.175	77.69	74.42	3.269	48.87	55.32	26.467	0	0		
"2014-07-14	02:00:00"	7.658	159.2	5.796	9.95	3.064	153.3	15.23	5.771	74.98	72.48	2.499	55.48	59.76	26.46	0	0		
"2014-07-14	03:00:00"	6.368	165	6.275	8.75	1.976	157.7	15.39	3.982	73.34	70.48	2.862	59.39	63.94	26.453	0	0		
"2014-07-14	04:00:00"	4.941	175	5.022	6.368	1	164	17.06	1	71.39	68.64	2.749	63.18	66.93	26.437	0	0		
"2014-07-14	05:00:00"	5.276	160.1	9.1	6.964	1.096	133.3	16.35	2.789	70.32	67.52	2.801	65.28	68.69	26.421	0	0		
"2014-07-14	06:00:00"	6.548	157.1	9.92	8.75	1.956	145.5	22.04	3.982	70.02	66.93	3.094	66.12	70.13	26.417	0	0		
"2014-07-14	07:00:00"	4.097	231.8	46.44	7.561	1.825	261.9	56.26	4.578	69.73	67.23	2.499	67.14	69.73	26.422	0.63463	0		
"2014-07-14	08:00:00"	3.423	263.6	55.87	7.561	1.882	281.7	74.1	3.982	71.76	69.39	2.361	64.07	67.49	26.437	51.806	0		
"2014-07-14	09:00:00"	2.605	295.8	45.14	5.175	2.128	294.5	46.51	4.578	76.16	76.39	-0.236	57.73	58.18	26.465	217.25	0		
"2014-07-14	10:00:00"	3.634	135	70.26	9.35	2.732	124.2	77.04	8.16	80.5	81	-0.556	49.17	50.77	26.502	401.22	0		
"2014-07-14	11:00:00"	6.113	183.1	31.41	11.74	4.375	186.5	36.12	8.75	83	83.8	-0.765	42.59	44.32	26.517	603.04	0		
"2014-07-14	12:00:00"	3.6	204.8	96.7	8.16	2.891	235.5	94.5	6.964	88.7	88.4	0.253	33.47	37.32	26.524	762.31	0		
"2014-07-14	13:00:00"	4.351	107.6	55.7	12.93	3.289	101.8	65.88	12.33	92.5	92.4	0.095	27.13	30.74	26.526	864.43	0		
"2014-07-14	14:00:00"	7.786	141.4	44.17	23.07	5.262	140.1	56.12	23.07	93.5	94.3	-0.78	24.78	27.22	26.516	847.19	0		
"2014-07-14	15:00:00"	8.51	103.1	46.5	20.09	5.878	100.6	52.23	15.91	95	96.3	-1.317	22.76	24.94	26.496	958.7	0		
"2014-07-14	16:00:00"	9.19	134.8	30.41	18.3	6.218	134.8	39.98	14.72	95.9	97.1	-1.134	21.75	23.68	26.477	924.55	0		
"2014-07-14	17:00:00"	7.794	134	29.2	18.3	5.361	137.7	40.92	14.72	95	95.7	-0.675	21.85	24.03	26.468	582.27	0		
"2014-07-14	18:00:00"	8.33	128.9	30.46	17.7	5.568	127.8	38.58	12.33	95.5	96.3	-0.846	20.49	22.64	26.457	588.97	0		
"2014-07-14	19:00:00"	9.33	97.1	60.77	21.87	5.488	95.9	63.48	14.72	93.2	93.7	-0.429	23.21	25.3	26.451	275.21	0		
"2014-07-14	20:00:00"	13.52	42.76	16.26	21.87	7.498	40.02	20.63	15.31	90.7	90.9	-0.253	28.31	30.29	26.43	233	0		
"2014-07-14	21:00:00"	8.4	56.61	12.76	13.52	4.908	53.59	18.11	10.54	89	88.7	0.31	29.06	31.41	26.427	45.915	0		
"2014-07-14	22:00:00"	7.98	66.32	8.18	11.74	4.822	65.06	16.98	8.75	86.4	85.7	0.676	31.4	33.93	26.435	0.19491	0		
"2014-07-14	23:00:00"	8.22	70.03	6.269	10.54	4.569	69.44	16.87	8.16	83.9	83	0.885	33.96	36.78	26.445	0	0		
"2014-07-15	00:00:00"	15.81	81.5	14.42	27.24	9.89	79.7	20.93	21.28	82.1	81.9	0.189	39.64	41.3	26.465	0	0		
"2014-07-15	01:00:00"	21.9	44.83	25.83	39.77	11.25	43.51	28.15	27.24	76.55	76.86	-0.302	56.64	55.45	26.506	0	0		
"2014-07-15	02:00:00"	22.16	26.32	9.59	33.8	10.62	27.51	20.26	19.49	70.8	71.11	-0.312	69.32	65.95	26.503	0	0		
"2014-07-15	03:00:00"	17.45	35.12	10.21	26.65	8.6	35.13	15.48	18.89	70.41	70.55	-0.137	68.59	65.58	26.493	0	0		
"2014-07-15	04:00:00"	14.57	39.42	9.66	23.07	7.591	37.66	14.66	16.51	70.73	70.84	-0.117	69.88	66.83	26.489	0	0		
"2014-07-15	05:00:00"	11.31	46.18	11.25	18.89	6.253	44.37	16.14	12.33	71.17	71.17	-0.003	68.28	65.82	26.484	0	0		
"2014-07-15	06:00:00"	9.85	35.15	11.37	17.1	5.004	34.41	17.33	10.54	71.34	71.4	-0.054	68.08	65.51	26.492	0	0		
"2014-07-15	07:00:00"	11.08	52.97	16.61	21.87	6.254	50.61	21.7	15.31	69.54	69.69	-0.151	77.44	73.76	26.495	0	0		
"2014-07-15	08:00:00"	14.89	63.42	11.38	21.87	9.02	59.47	18.11	17.1	66.22	66.2	0.024	88.9	84.4	26.482	0.92654	0.17		
"2014-07-15	09:00:00"	10.5	45.56	32.73	19.49	6.593	42.73	36.85	13.52	66.17	66.05	0.125	90.2	86.3	26.494	4.576	0.12		
"2014-07-15	10:00:00"	9.63	77.05	20.5	14.72	5.917	74.11	26.33	11.14	66	65.95	0.054	91.3	87.4	26.494	29.637	0.04		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-15	11:00:00"	8.41	79.75	12.57	14.72	5.358	78.11	21.1	10.54	67.73	68.03	-0.3	86.5	83.8	26.49	231.18		0	
"2014-07-15	12:00:00"	5.473	48.72	26.24	8.75	3.442	46.82	32.95	6.368	72.34	73.23	-0.894	75.56	73.74	26.507	375.63		0	
"2014-07-15	13:00:00"	5.762	40.84	24.75	9.35	3.518	36.66	32.21	6.964	75.65	77.23	-1.581	68.15	67.18	26.517	586.21		0	
"2014-07-15	14:00:00"	6.366	55.5	22.95	12.93	4.098	51.48	28.37	9.95	77.86	79.31	-1.446	61.88	62.18	26.519	634.06		0	
"2014-07-15	15:00:00"	6.091	81.8	34.87	11.74	4.265	78.86	43.66	9.95	82.1	83.5	-1.374	52.11	54.33	26.509	932.33		0	
"2014-07-15	16:00:00"	5.287	98.8	42.07	11.74	3.914	97.1	54.4	9.95	85.4	86.4	-0.933	44.53	47.88	26.499	900.97		0	
"2014-07-15	17:00:00"	6.473	108	33.67	12.33	4.629	105.1	43.8	11.14	85.2	86.3	-1.133	44.4	47.19	26.477	686.58		0	
"2014-07-15	18:00:00"	7.214	104.4	17.7	12.93	5.003	103.8	25.23	9.35	84.5	85.2	-0.783	46.61	49.44	26.455	441.48		0	
"2014-07-15	19:00:00"	9.87	98.4	17.13	17.1	6.65	96.3	23.53	11.74	84.3	85.2	-0.85	46.05	48.56	26.427	405.5		0	
"2014-07-15	20:00:00"	8.39	116.5	12.64	12.93	5.415	115.3	20.14	9.95	84.3	84.2	0.095	43.82	47.52	26.414	240.29		0	
"2014-07-15	21:00:00"	12.67	103.3	10.58	21.87	8.3	101.1	18.58	15.91	81.5	81.2	0.273	50.56	52.71	26.412	43.754		0	
"2014-07-15	22:00:00"	13.26	118.8	8.73	25.45	8.06	116.6	16.95	17.1	78.98	78.58	0.399	55.74	57.13	26.42	0.1947		0	
"2014-07-15	23:00:00"	15.49	123.8	8.46	24.86	9.29	122.6	17.04	16.51	76.36	76.15	0.209	62.6	62.43	26.444	0		0	
"2014-07-16	00:00:00"	12.53	120.7	8.54	18.89	7.538	118.6	16.84	14.72	74.02	73.64	0.373	70.12	69.12	26.428	0		0	
"2014-07-16	01:00:00"	12.74	136.3	11.82	23.66	7.375	136.1	19.79	17.7	72.91	72.57	0.347	72.37	70.95	26.41	0		0	
"2014-07-16	02:00:00"	9.4	132	11.01	17.7	5.512	131.2	18.87	11.74	71.63	71.41	0.221	76	73.71	26.405	0		0	
"2014-07-16	03:00:00"	4.838	143.5	16.88	11.14	2.537	146.5	29.82	8.16	70.8	70.43	0.37	79.5	77.49	26.409	0		0	
"2014-07-16	04:00:00"	4.045	138.5	11.08	6.964	1.854	134.4	20.43	3.982	70.4	69.86	0.538	81.2	79.91	26.395	0		0	
"2014-07-16	05:00:00"	4.576	194.7	74.19	13.52	2.46	201.1	78.34	9.35	69.68	69.08	0.607	82.8	81.6	26.385	0		0	
"2014-07-16	06:00:00"	3.839	198.4	37.38	6.368	1.854	194.8	66.65	4.578	69.78	68.88	0.9	81.6	81.7	26.375	0		0	
"2014-07-16	07:00:00"	5.204	177.7	16.31	8.75	2.319	171.3	25.31	5.175	69.35	68.61	0.735	81.8	81.2	26.373	0.27133		0	
"2014-07-16	08:00:00"	4.661	184.6	12.57	6.964	2.123	186.5	18.49	3.982	68.88	68.28	0.608	83.5	82.1	26.375	24.405		0	
"2014-07-16	09:00:00"	3.427	204.4	22.15	6.368	2.182	206.7	24.86	5.175	70.36	70.33	0.024	80.3	77.81	26.382	89.233		0	
"2014-07-16	10:00:00"	5.864	197.5	14.31	8.75	4.016	200.2	19.19	6.964	72.35	72.75	-0.405	74.29	71.66	26.386	238.46		0	
"2014-07-16	11:00:00"	4.474	204.1	29.17	9.35	3.198	205.4	36.83	7.561	76.06	76.68	-0.621	65.04	63.61	26.38	445.02		0	
"2014-07-16	12:00:00"	6.395	189.1	26.22	11.74	4.476	189.7	35.37	9.35	79.25	80.2	-0.953	56.56	56.16	26.386	707.67		0	
"2014-07-16	13:00:00"	5.62	175.4	44.01	11.14	4.032	176.7	53.18	9.35	83.4	84.2	-0.754	47.02	48.6	26.393	844.41		0	
"2014-07-16	14:00:00"	6.184	215.6	36.17	14.12	4.735	215.9	40.03	11.74	85.2	85.7	-0.529	42.73	45.22	26.39	869.94		0	
"2014-07-16	15:00:00"	6.2	195.8	51.25	15.31	4.536	196.9	55.3	12.33	88.5	89	-0.514	35.05	38.12	26.38	940.01		0	
"2014-07-16	16:00:00"	7.673	173.5	37.3	15.31	5.301	176	42.82	10.54	89.5	90.5	-1.047	31.73	34.2	26.361	892.85		0	
"2014-07-16	17:00:00"	7.895	206.3	39.62	17.7	5.532	205.1	42.2	13.52	90.5	91.5	-0.936	30.84	33.29	26.331	766.52		0	
"2014-07-16	18:00:00"	6.808	216.1	43.17	23.07	5	214.1	52.45	20.68	91.1	91.4	-0.37	29.5	32.37	26.309	473.99		0	
"2014-07-16	19:00:00"	8.01	200.2	22.02	14.72	5.172	201.5	24.97	12.93	89.5	89.6	-0.135	31.64	34.99	26.29	243.73		0	
"2014-07-16	20:00:00"	5.83	171.7	21.26	11.14	3.237	169.2	26.81	7.561	88.5	88	0.578	33.79	38.69	26.276	107.18		0	
"2014-07-16	21:00:00"	6.256	146.6	15.24	20.68	3.201	147.3	21.26	15.31	87.2	86.2	0.954	36.63	42	26.271	43.3		0	
"2014-07-16	22:00:00"	14.83	172	10.84	24.86	8.56	173.1	19.81	17.1	81.4	81.2	0.183	51.76	52.93	26.273	0.08753		0	
"2014-07-16	23:00:00"	9.82	174.2	9.99	17.7	5.341	174.5	18.33	11.14	77.93	77.32	0.608	60.55	61.52	26.269	0		0	
"2014-07-17	00:00:00"	7.35	166.5	8.38	11.74	3.637	165.5	16.7	6.964	76.36	75.55	0.814	63.43	64.43	26.281	0		0	
"2014-07-17	01:00:00"	6.675	164.6	8.29	9.95	3.165	162.6	17.63	6.368	75.41	74.24	1.174	67	68.36	26.278	0		0	
"2014-07-17	02:00:00"	5.425	141.6	8.9	8.75	2.175	131.2	16.78	4.578	74.28	73.08	1.201	71.52	72.68	26.262	0		0	
"2014-07-17	03:00:00"	6.415	147.4	10.27	9.95	3.11	141.7	19.24	6.368	73.64	72.57	1.072	73.13	73.47	26.244	0		0	
"2014-07-17	04:00:00"	7.943	147.4	10.2	12.93	4.375	144.1	19.47	8.75	73.3	72.78	0.524	76.26	74.8	26.246	0		0	
"2014-07-17	05:00:00"	8.9	171.6	10.55	15.31	5.087	172.7	19.07	11.14	72.99	72.51	0.482	71.82	70.97	26.242	0		0	
"2014-07-17	06:00:00"	8.03	161.7	9.65	13.52	4.306	162.4	18.48	8.16	71.84	71.21	0.629	72.32	71.21	26.231	0		0	
"2014-07-17	07:00:00"	5.479	141.3	14.94	9.35	2.899	137.7	22.91	6.368	70.96	70.42	0.548	76.08	74.41	26.233	0.05783		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-17	08:00:00"	4.361	65.86	40.45	12.33	2.186	55.8	47.64	6.368	71.03	70.69	0.345	78.15	76.35	26.251	8.5722	0.01		
"2014-07-17	09:00:00"	9.53	53.69	12.29	15.91	5.506	49.69	16.62	9.95	69.86	69.76	0.099	87.3	84.1	26.267	39.006	0		
"2014-07-17	10:00:00"	10.37	67.38	11.99	15.31	6.587	63.66	18.63	11.74	70	70.35	-0.353	86.6	83.1	26.288	183.71	0		
"2014-07-17	11:00:00"	12.02	78.25	14.04	17.7	7.677	74.44	21.83	14.12	70.57	71.32	-0.753	85.6	81.3	26.302	226.99	0		
"2014-07-17	12:00:00"	8.03	82.5	20.38	14.72	5.494	77.8	26.31	9.95	74.13	75.37	-1.247	75.58	72.82	26.32	407.27	0		
"2014-07-17	13:00:00"	7.999	39.08	17.68	16.51	4.559	36.77	23.55	10.54	74.69	75.51	-0.816	73.49	71.37	26.337	184.17	0		
"2014-07-17	14:00:00"	10.57	65.59	11.24	17.1	6.777	61.54	19.38	13.52	74.5	75.54	-1.04	74.83	72.07	26.328	352.69	0		
"2014-07-17	15:00:00"	10.84	54.27	19.25	18.89	6.437	50.2	22.39	14.72	78.39	80.1	-1.704	64.39	63.06	26.336	692.34	0		
"2014-07-17	16:00:00"	13.41	58.11	17.29	21.87	8.03	53.13	21.71	17.7	80	82	-1.964	59.93	58.85	26.341	854.54	0		
"2014-07-17	17:00:00"	12.17	62.99	17.29	19.49	7.551	58.38	24.03	14.12	80.7	82.6	-1.9	57.49	56.69	26.338	722.83	0		
"2014-07-17	18:00:00"	11.49	71.57	19.23	25.45	7.33	67.94	25.56	18.89	81.9	83.5	-1.637	53.91	53.97	26.333	596.79	0		
"2014-07-17	19:00:00"	15.53	73.02	13.07	24.26	9.69	68.89	20.59	17.7	79.68	81	-1.302	57.99	57.17	26.331	380.62	0		
"2014-07-17	20:00:00"	15.02	79.11	10.47	25.45	9.35	75.19	19.21	17.7	77.36	77.67	-0.313	62.23	61.56	26.333	82.6	0		
"2014-07-17	21:00:00"	16.32	76.07	9.12	27.24	10.02	72.08	18.72	18.89	73.66	73.85	-0.187	70.15	67.92	26.336	26.482	0		
"2014-07-17	22:00:00"	14.36	73.89	9.24	21.28	8.93	68.81	18.17	15.31	71.68	71.62	0.058	73.78	71.14	26.344	0.09361	0		
"2014-07-17	23:00:00"	11.28	79.32	9.86	19.49	6.814	74.76	19.13	14.72	70.41	70.24	0.179	76.51	73.58	26.36	0	0		
"2014-07-18	00:00:00"	9.36	75.01	10.57	14.12	5.688	70.95	18.07	9.95	69.53	69.28	0.251	78.94	75.77	26.388	0	0		
"2014-07-18	01:00:00"	10.76	83.3	10.41	17.1	6.574	80.6	19.63	12.33	68.62	68.41	0.203	80.1	76.57	26.383	0	0		
"2014-07-18	02:00:00"	10.72	85.1	10.21	18.89	6.718	81.4	19.03	11.74	67.66	67.59	0.07	81.3	77.21	26.385	0	0		
"2014-07-18	03:00:00"	7.619	73.9	12.13	12.93	4.778	69.48	20.45	10.54	67.33	67.32	0.008	81.9	77.57	26.372	0	0		
"2014-07-18	04:00:00"	6.736	57.29	16.45	10.54	4.038	55.75	21.3	8.16	66.81	66.75	0.065	84	79.41	26.364	0	0		
"2014-07-18	05:00:00"	5.67	78.97	13.71	8.75	3.474	77.43	20.35	6.368	65.73	65.61	0.122	88.1	83.1	26.36	0	0		
"2014-07-18	06:00:00"	7.568	70.9	16	12.33	4.731	67.44	21.67	8.75	64.99	64.97	0.019	89	83.7	26.371	0	0		
"2014-07-18	07:00:00"	8.55	89.5	10.77	12.93	5.678	87.5	19.17	10.54	65.09	65.23	-0.134	88.6	83	26.389	0.34242	0		
"2014-07-18	08:00:00"	9.53	92.7	10.17	14.12	6.329	90.7	18.97	11.14	64.83	65.04	-0.21	88.1	82.3	26.401	7.8444	0		
"2014-07-18	09:00:00"	9.75	92.4	10.31	15.91	6.383	90.2	19.49	13.52	65.36	65.63	-0.267	85.8	80.3	26.414	41.626	0		
"2014-07-18	10:00:00"	10.09	101.4	11.22	15.91	6.76	99.2	19.74	11.74	66.25	66.69	-0.443	81.6	76.51	26.426	97.097	0		
"2014-07-18	11:00:00"	9.24	97.5	11.97	14.72	6.354	95.6	20.85	11.74	67.49	68.17	-0.682	79.01	74.14	26.426	176.95	0		
"2014-07-18	12:00:00"	7.052	97.1	21.2	12.93	5.048	92.4	34.19	11.74	71.63	72.92	-1.291	70.01	66.53	26.426	493.55	0		
"2014-07-18	13:00:00"	5.02	163.4	56.8	9.95	3.603	166.2	62.42	8.75	76.81	77.63	-0.818	61.1	59.8	26.438	614.87	0		
"2014-07-18	14:00:00"	7.612	178.4	33.04	16.51	5.26	181.6	41.4	12.33	79.69	81	-1.332	57.79	56.28	26.439	851.66	0		
"2014-07-18	15:00:00"	6.586	194.4	39.41	14.72	4.896	195.6	49.87	11.14	81.5	82.3	-0.728	55.12	54.96	26.432	713.76	0		
"2014-07-18	16:00:00"	6.498	173.4	46.75	14.12	4.562	176.1	53.52	11.74	83.9	84.9	-0.961	50.89	51.47	26.416	728.67	0		
"2014-07-18	17:00:00"	7.161	169.3	34.54	14.72	5.137	169.8	42.3	11.14	85.8	86.7	-0.963	46.68	47.99	26.402	713.81	0		
"2014-07-18	18:00:00"	8.41	171.5	26.3	16.51	5.728	172.5	32.02	12.93	85.9	86.9	-1.011	45.74	47.11	26.389	586.04	0		
"2014-07-18	19:00:00"	8.11	154.7	16.56	13.52	5.249	154.7	24.34	9.95	85.9	86.9	-0.929	43.81	45.78	26.375	400.93	0		
"2014-07-18	20:00:00"	8.34	162.7	17.02	13.52	5.165	165.1	23.78	11.14	85.9	85.9	0.041	43.39	46.37	26.37	216.06	0		
"2014-07-18	21:00:00"	8.71	157.3	13.52	14.72	4.83	156.3	20.27	9.95	84	83.4	0.626	47.44	50.39	26.377	44.507	0		
"2014-07-18	22:00:00"	9.8	146.8	7.688	15.91	5.211	144.9	16.67	11.14	80.9	80	0.834	53.62	55.76	26.375	0.30993	0		
"2014-07-18	23:00:00"	9.04	140.6	8.26	14.12	4.915	137.5	16.81	9.95	78.59	77.73	0.858	59.39	60.75	26.367	0	0		
"2014-07-19	00:00:00"	9.72	141.8	8.86	16.51	5.275	138.4	17.7	10.54	76.48	75.65	0.831	65.43	65.93	26.365	0	0		
"2014-07-19	01:00:00"	9.15	142.3	8.25	12.93	5.024	139.1	16.88	9.95	74.79	74.16	0.633	70.91	70.19	26.369	0	0		
"2014-07-19	02:00:00"	8.9	135.8	8.91	13.52	4.925	132.9	17.37	10.54	73.15	72.46	0.682	75.27	73.97	26.369	0	0		
"2014-07-19	03:00:00"	10.57	137.8	8.49	15.91	6.215	135.3	17.59	11.14	72.05	71.6	0.453	78.01	75.72	26.363	0	0		
"2014-07-19	04:00:00"	9.86	135.6	11.29	16.51	5.594	133.1	18.92	11.74	70.66	70.24	0.423	81.4	78.42	26.358	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-19	05:00:00"	8.66	109.9	12.71	13.52	5.555	105.9	19.18	9.35	69.2	68.91	0.29	84.9	81	26.357	0	0		
"2014-07-19	06:00:00"	9.73	117.1	12.24	15.31	6.235	114.5	19.01	11.74	68.27	68.13	0.14	88.2	83.5	26.36	0	0		
"2014-07-19	07:00:00"	9.46	141.9	8.67	16.51	5.565	140.5	17.9	12.33	68.5	68.54	-0.034	90.7	85.6	26.366	0.41891	0		
"2014-07-19	08:00:00"	10.22	156.9	11.23	16.51	6.029	157.5	19.29	12.33	69.54	69.62	-0.078	89.3	84.8	26.375	15.092	0		
"2014-07-19	09:00:00"	12.44	159.8	11.5	17.7	7.283	159.8	19.88	12.93	71.21	71.53	-0.324	86.2	81.6	26.382	79.418	0		
"2014-07-19	10:00:00"	12.3	170.3	11.32	18.89	7.422	171.9	20.15	12.93	74.02	74.87	-0.85	80	75.67	26.405	254.66	0		
"2014-07-19	11:00:00"	11.36	172	13.15	18.89	7.06	172.8	21.54	12.93	77.75	79.39	-1.637	71.75	67.65	26.424	567.64	0		
"2014-07-19	12:00:00"	9.13	164.2	21.34	15.91	6.005	165.3	28.89	11.14	81.7	83.4	-1.718	63.26	60.81	26.435	741.75	0		
"2014-07-19	13:00:00"	9.85	156.4	20.76	17.1	6.522	156.6	27.74	11.74	85.2	86.9	-1.71	55.45	54.74	26.43	841.59	0		
"2014-07-19	14:00:00"	10.85	166.1	19.77	18.89	6.946	168.8	26.39	12.93	88.2	90.1	-1.863	48.17	48.59	26.425	888.94	0		
"2014-07-19	15:00:00"	10.4	163.5	24.19	22.47	6.8	165.5	31.41	15.91	91.1	92.7	-1.549	41.26	43.22	26.419	884.03	0		
"2014-07-19	16:00:00"	10.68	144.7	19.58	25.45	7.022	143.1	29.35	17.7	92.7	94.4	-1.662	37.66	39.93	26.41	843.35	0		
"2014-07-19	17:00:00"	8.56	152.4	27.37	16.51	5.581	150.7	36.47	12.33	94.4	95.8	-1.419	34.35	36.82	26.4	724.28	0		
"2014-07-19	18:00:00"	11.16	149.2	16.85	19.49	7.072	149.7	24.86	13.52	94.1	95.3	-1.218	34.35	36.95	26.388	590.64	0		
"2014-07-19	19:00:00"	10.4	149.6	14.5	18.89	6.383	150	22.3	14.12	93.9	94.7	-0.842	33.64	36.55	26.375	390.18	0		
"2014-07-19	20:00:00"	10.83	145.7	12.86	21.28	6.334	146.1	20.55	13.52	93.3	93.2	0.055	34.22	37.74	26.373	207.44	0		
"2014-07-19	21:00:00"	14.23	151.7	8.9	21.28	8.03	152.2	18.25	14.12	89.7	89.4	0.322	39.7	43.09	26.378	47.339	0		
"2014-07-19	22:00:00"	12.02	145.7	8.45	20.09	6.854	145.1	17.37	13.52	86.7	86.1	0.551	44.35	47.33	26.378	0.45097	0		
"2014-07-19	23:00:00"	11.51	157.4	11.5	17.1	6.465	158.1	19.98	12.93	84.5	83.9	0.613	50.34	52.59	26.388	0	0		
"2014-07-20	00:00:00"	11.59	157.8	10.18	17.7	6.551	158.3	18.98	12.33	82.3	81.8	0.548	55.42	56.91	26.392	0	0		
"2014-07-20	01:00:00"	8.41	156.7	14.9	14.12	4.651	156	23.87	9.35	80.7	80	0.652	58.09	59.39	26.409	0	0		
"2014-07-20	02:00:00"	8.62	153.3	15.77	14.72	4.747	152	22.92	9.35	79.12	78.46	0.665	60.54	61.46	26.416	0	0		
"2014-07-20	03:00:00"	6.536	211.9	46.27	11.74	3.881	210.9	47.17	8.16	77.68	77.05	0.633	64.14	64.64	26.429	0	0		
"2014-07-20	04:00:00"	7.507	255.1	20.27	15.31	4.658	251.5	23.57	11.74	76.86	76.4	0.462	65.35	65.4	26.411	0	0		
"2014-07-20	05:00:00"	9.06	217.4	29.29	15.31	5.588	215.3	28.84	11.14	74.45	74.32	0.133	68.72	67.31	26.356	0	0		
"2014-07-20	06:00:00"	10.85	168	12.4	18.3	6.222	168.4	20.95	12.33	75.11	74.77	0.339	69.66	68.63	26.315	0	0		
"2014-07-20	07:00:00"	8.5	172.4	10.2	17.7	4.692	174.2	18.97	11.74	74.35	73.78	0.578	73	71.76	26.34	0.27864	0		
"2014-07-20	08:00:00"	5.74	119.2	25.79	8.75	2.901	110.5	31.71	6.964	72.98	72.18	0.795	78.28	76.82	26.356	43.483	0		
"2014-07-20	09:00:00"	8.22	168.2	27.58	15.31	5.379	169.7	31.79	11.74	75.65	76.34	-0.694	74.25	70.82	26.386	212.38	0		
"2014-07-20	10:00:00"	11.25	189.1	13.46	16.51	7.439	191.1	19.49	12.93	77.32	78.56	-1.238	71.49	67.84	26.415	403.85	0		
"2014-07-20	11:00:00"	9.23	174.4	19.91	15.91	6.066	174.5	28.09	11.74	80.3	81.8	-1.43	66	63.14	26.424	585.33	0		
"2014-07-20	12:00:00"	5.178	177.1	52.19	11.14	3.898	182.7	60.54	9.35	85.3	86	-0.718	55.18	55.45	26.435	740.21	0		
"2014-07-20	13:00:00"	6.034	159.8	41.83	11.74	4.291	161.8	48.8	9.35	89.5	90.3	-0.83	46.06	47.9	26.439	842.55	0		
"2014-07-20	14:00:00"	6.456	161.4	39.55	15.31	4.601	158.1	50.92	15.31	92.6	93.6	-0.983	39.02	41.7	26.437	891.74	0		
"2014-07-20	15:00:00"	7.168	156.5	39.03	15.91	4.942	155.9	47.77	12.93	95.5	96.5	-0.98	33.14	35.86	26.426	893.2	0		
"2014-07-20	16:00:00"	7.564	153.6	34.43	16.51	5.213	155.1	40.28	12.33	97.3	98.2	-0.885	29.36	32.1	26.414	843.25	0		
"2014-07-20	17:00:00"	7.092	158.2	33.67	15.31	4.895	160.6	44.31	11.14	98.8	99.7	-0.919	26.02	28.62	26.398	748.12	0		
"2014-07-20	18:00:00"	5.703	142	39.03	11.74	4.073	145.1	50.37	9.35	99.8	100.2	-0.387	22.92	25.99	26.38	600.05	0		
"2014-07-20	19:00:00"	5.629	172.6	32.1	15.31	3.62	173.2	36.85	11.14	98.2	98.4	-0.198	23.14	26.36	26.375	283.86	0		
"2014-07-20	20:00:00"	5.15	156.2	7.222	6.964	2.28	153.4	15.71	5.175	95	93.5	1.493	27.86	34.49	26.365	80.897	0		
"2014-07-20	21:00:00"	6.742	145.2	5.936	14.72	3.082	138.2	14.63	10.54	92.3	90.4	1.892	32.91	39.14	26.359	33.095	0		
"2014-07-20	22:00:00"	9.85	151.7	8.37	14.72	5.205	150.4	18.82	9.95	90.6	89.6	1.037	35.94	39.93	26.368	0.12879	0		
"2014-07-20	23:00:00"	10.84	157.6	11.56	20.68	5.66	156.1	20.05	14.72	88.3	87.3	1.03	41.48	45.4	26.391	0	0		
"2014-07-21	00:00:00"	10.46	171.3	10.8	19.49	5.831	171.8	18.82	11.14	86.5	85.9	0.599	48.17	50.78	26.407	0	0		
"2014-07-21	01:00:00"	11.92	160	9.32	21.28	6.626	160.1	18.22	13.52	84.9	84.3	0.63	50.27	52.62	26.407	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-21	02:00:00"	12.34	160.8	8.77	18.89	6.975	161.2	18.14	13.52	83.6	83	0.517	52.21	53.99	26.405	0	0		
"2014-07-21	03:00:00"	10.33	168.2	8.89	17.1	5.749	169.6	18.7	11.14	81.6	80.9	0.647	55.64	57.1	26.401	0	0		
"2014-07-21	04:00:00"	9.16	165.5	8.92	14.12	4.927	166.1	17.3	9.95	79.59	78.82	0.773	60.59	61.51	26.388	0	0		
"2014-07-21	05:00:00"	9.17	175.6	16.5	14.12	5.14	177.8	21.84	9.35	78.2	77.58	0.619	67.63	67.44	26.383	0	0		
"2014-07-21	06:00:00"	7.217	165.1	13.45	11.74	3.727	164.5	22.69	8.16	76.61	75.8	0.811	72.44	72.07	26.385	0	0		
"2014-07-21	07:00:00"	4.752	177.4	29.48	9.35	1.88	174.7	43.33	6.368	75.14	73.99	1.154	76.76	76.46	26.389	0.61785	0		
"2014-07-21	08:00:00"	5.066	153.3	13.21	8.75	2.14	147	26.48	6.368	74.77	73.66	1.11	78.6	78.14	26.393	38.665	0		
"2014-07-21	09:00:00"	9.59	158	12.44	15.91	5.63	159.3	20.76	12.33	77.86	78.34	-0.475	73.16	70.83	26.414	189.34	0		
"2014-07-21	10:00:00"	11.16	165.8	13.51	16.51	6.762	167	22.64	12.33	81	82.3	-1.321	66.47	64.17	26.445	400.28	0		
"2014-07-21	11:00:00"	10.49	163.6	14.92	15.31	6.493	164.6	22.43	11.14	84.3	85.8	-1.51	59.52	58.23	26.467	574.41	0		
"2014-07-21	12:00:00"	9.69	150.3	16.03	15.91	6.154	151.1	24.45	11.14	87.8	89.4	-1.653	52.32	52.29	26.477	731.01	0		
"2014-07-21	13:00:00"	10.99	157.5	16.83	18.3	6.942	158.1	25.1	14.12	91.4	93	-1.634	43.29	44.91	26.481	835.98	0		
"2014-07-21	14:00:00"	10.81	152.3	20.07	19.49	6.838	153.3	28.61	12.93	95.2	96.9	-1.787	34.94	37.08	26.478	885.6	0		
"2014-07-21	15:00:00"	10.53	150.8	27.56	19.49	6.949	152.3	33.91	15.91	97.1	98.4	-1.393	29.5	31.77	26.467	796.45	0		
"2014-07-21	16:00:00"	9.97	145.4	25.22	20.68	6.535	144.4	33.12	14.72	98.6	100.1	-1.477	25.59	27.78	26.455	805.08	0		
"2014-07-21	17:00:00"	11.6	139.4	24.28	20.68	7.398	136.7	30.96	14.72	98.2	99.6	-1.345	25.65	27.84	26.439	600.83	0		
"2014-07-21	18:00:00"	11.84	145.7	16.7	20.68	7.307	146.4	25.23	14.72	98.6	99.7	-1.063	24.4	26.8	26.435	608.91	0		
"2014-07-21	19:00:00"	10.93	138.9	17	18.89	6.721	139.6	23.87	14.72	98	98.8	-0.789	24.49	26.99	26.433	400.14	0		
"2014-07-21	20:00:00"	10.26	130.9	12.97	18.3	6.17	130.3	20.47	13.52	95.7	95.6	0.181	26.28	29.23	26.432	126.55	0		
"2014-07-21	21:00:00"	9.54	135.5	8.64	15.31	5.371	133	16.97	10.54	92.7	91.9	0.843	29	32.21	26.421	17.104	0		
"2014-07-21	22:00:00"	9.89	131.2	8.19	14.12	5.447	128.6	17.26	9.95	90.3	89.4	0.907	31.31	34.46	26.422	0.09305	0		
"2014-07-21	23:00:00"	11.03	133.3	8.14	16.51	6.359	131.2	17.3	11.74	88.7	88	0.725	33.61	36.54	26.434	0	0		
"2014-07-22	00:00:00"	7.878	146.1	9.58	12.93	4.05	143	18.29	8.75	86.4	85.3	1.167	36.6	40.29	26.465	0	0		
"2014-07-22	01:00:00"	7.534	148.6	7.462	11.14	3.517	142.9	16.16	5.771	83.8	82.3	1.5	43.18	46.96	26.465	0	0		
"2014-07-22	02:00:00"	8.34	172.5	10.9	17.1	4.171	171.9	18.27	12.33	81.7	80.2	1.515	51.71	54.69	26.452	0	0		
"2014-07-22	03:00:00"	6.724	173.6	10.7	11.74	3.155	172.8	19.38	8.16	79.76	78.57	1.189	58.27	60.15	26.445	0	0		
"2014-07-22	04:00:00"	6.826	162.6	9.85	9.95	3.161	160.5	18.88	6.368	77.72	76.38	1.336	63.7	65.13	26.438	0	0		
"2014-07-22	05:00:00"	5.081	155.1	16.91	9.35	1.627	138.3	41.34	5.175	76.11	74.52	1.589	71.42	72.12	26.435	0	0		
"2014-07-22	06:00:00"	4.891	110.9	76.84	17.1	2.78	38.56	60.31	12.93	75.24	74.02	1.214	76.1	75.34	26.453	0	0		
"2014-07-22	07:00:00"	6.978	11.26	13.06	11.14	4.456	7.921	18.66	7.561	76.41	76.16	0.248	74.64	72.89	26.482	0.13407	0		
"2014-07-22	08:00:00"	6.43	63.52	18.26	9.95	3.656	63.3	24.1	6.368	74.88	74.49	0.396	75.82	74.44	26.48	10.732	0		
"2014-07-22	09:00:00"	6.623	121.5	14.94	12.33	4.062	122.2	20.3	9.35	76.22	76.34	-0.112	67.96	67.21	26.465	168.92	0		
"2014-07-22	10:00:00"	12.37	153.4	11.74	18.89	7.386	153.6	20.17	14.12	80.9	82.1	-1.237	66.11	63.8	26.486	410.47	0		
"2014-07-22	11:00:00"	10.4	170.2	15.19	17.1	6.448	171.3	23.07	12.93	83.2	84.4	-1.197	61.07	59.78	26.518	417.09	0		
"2014-07-22	12:00:00"	8.41	158.2	22.45	14.12	5.236	157.5	29.68	10.54	84.9	85.4	-0.508	54.51	55.62	26.537	288.97	0		
"2014-07-22	13:00:00"	8.71	154.1	18.95	14.72	5.587	154.4	27.64	9.95	88	88.8	-0.769	45.81	47.93	26.545	554.25	0		
"2014-07-22	14:00:00"	8.66	124.5	31.04	17.7	5.952	123.7	39.91	14.72	92.8	94	-1.224	32.71	35.28	26.551	852.71	0		
"2014-07-22	15:00:00"	10.35	99.4	22.5	18.89	7.117	96.8	29.84	14.12	94.2	95.7	-1.529	27.4	29.55	26.542	723.16	0		
"2014-07-22	16:00:00"	9.55	138.9	24.26	18.3	6.486	141.6	32.16	14.12	95.9	97.2	-1.331	26.67	28.63	26.528	913.21	0		
"2014-07-22	17:00:00"	9.93	116.9	27.11	19.49	6.601	115.4	34.25	14.12	95.1	96	-0.853	25.08	27.31	26.524	405.86	0		
"2014-07-22	18:00:00"	9.88	106.8	19.55	18.89	6.37	104.1	25.63	15.31	93.7	93.7	-0.04	24.37	27.19	26.507	230.14	0		
"2014-07-22	19:00:00"	11.02	90.3	13.69	23.07	7.165	87.7	22.13	14.12	93.7	93.8	-0.067	23.11	25.43	26.502	161.19	0		
"2014-07-22	20:00:00"	12.52	114.5	16.3	21.28	7.727	112	22.25	15.91	91.6	91.4	0.184	27.79	30.09	26.501	98.563	0		
"2014-07-22	21:00:00"	12.67	117.1	9.47	21.87	7.813	114.1	17.47	15.31	89.5	89.2	0.258	33.85	36.5	26.499	49.776	0		
"2014-07-22	22:00:00"	8.05	98.5	10.68	14.12	4.563	94.8	17.02	11.14	86.2	85.1	1.093	36.5	40.08	26.519	0.08861	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-22	23:00:00"	7.733	76.86	7.69	9.95	3.941	69.13	16.95	6.368	82.4	80.8	1.607	40.38	44.55	26.528	0	0		
"2014-07-23	00:00:00"	7.692	73.85	8.67	11.14	4.139	67.58	16.58	7.561	80.8	79.38	1.371	41.32	44.98	26.53	0	0		
"2014-07-23	01:00:00"	8.76	69.4	7.101	12.33	4.909	69.11	17.33	8.16	78.65	77.71	0.931	48.26	50.19	26.529	0	0		
"2014-07-23	02:00:00"	7.028	94.8	10.89	12.93	3.837	88	16.74	8.16	76.63	75.4	1.232	53.15	55.28	26.524	0	0		
"2014-07-23	03:00:00"	6.616	118.2	8.78	8.75	3.107	102.6	17.95	5.175	76.72	74.31	2.409	54.79	58.5	26.518	0	0		
"2014-07-23	04:00:00"	6.714	119.9	9.33	9.35	3.252	110.6	15.16	5.175	76.25	74.54	1.711	58.83	61.29	26.515	0	0		
"2014-07-23	05:00:00"	6.62	90.9	11.02	8.75	3.332	79.5	16.39	5.175	75.38	73.7	1.678	60.25	62.43	26.513	0	0		
"2014-07-23	06:00:00"	6.697	65.37	6.048	8.75	3.796	58.98	13.63	7.561	73.75	72.74	1.014	65.14	65.34	26.517	0	0		
"2014-07-23	07:00:00"	6.538	60.14	6.171	8.75	3.614	57.92	14.4	6.368	72.81	71.66	1.15	68.06	68.03	26.52	0.844	18	0	
"2014-07-23	08:00:00"	6.695	67.58	6.669	8.75	3.933	60.73	14.61	6.368	71.77	71.21	0.552	71.16	69.76	26.523	48.682		0	
"2014-07-23	09:00:00"	5.427	92.4	14.09	8.16	3.649	85.9	22.2	6.368	76.62	77.15	-0.528	63.3	62.48	26.553	205.39		0	
"2014-07-23	10:00:00"	5.297	156.9	27.05	9.95	3.698	157.2	33.49	7.561	82.1	83.2	-1.128	51.99	52.11	26.592	401.92		0	
"2014-07-23	11:00:00"	5.117	210.9	35.19	9.95	3.791	213.5	40.2	7.561	85.3	86	-0.694	44.89	46.43	26.612	587.72		0	
"2014-07-23	12:00:00"	4.287	157.2	70.42	14.12	3.432	153.8	81.3	12.33	90	90	-0.014	36.8	40.3	26.618	732.69		0	
"2014-07-23	13:00:00"	8.23	108.6	31.47	15.91	5.757	107.9	39.47	11.74	91.2	92.5	-1.287	30.25	32.44	26.618	849.07		0	
"2014-07-23	14:00:00"	8.94	82.3	28.78	20.68	6.103	77.32	35.47	13.52	93.1	94.7	-1.601	25.33	27.28	26.613	892.27		0	
"2014-07-23	15:00:00"	8.27	101.9	37.7	19.49	5.847	96.5	46.44	16.51	95.2	96.4	-1.215	21.7	23.6	26.604	772.13		0	
"2014-07-23	16:00:00"	9.55	109.7	27.49	21.87	6.558	108.2	34.96	16.51	94.9	96	-1.108	21.81	23.56	26.585	675.13		0	
"2014-07-23	17:00:00"	11.07	109.8	31.58	20.68	7.354	107.8	39.04	15.31	95.8	97.2	-1.407	20.89	22.45	26.568	626.03		0	
"2014-07-23	18:00:00"	10.76	103.8	20.05	18.89	7.197	101.3	27.45	13.52	95.4	96.3	-0.892	21.52	23.32	26.549	500.75		0	
"2014-07-23	19:00:00"	11.04	102.1	16.22	18.89	7.305	99.6	23.71	16.51	94.6	95.2	-0.648	23.4	25.33	26.53	336.26		0	
"2014-07-23	20:00:00"	10.2	103.5	13.91	20.68	6.782	101	21.61	14.72	94.2	94.1	0.072	23.21	25.45	26.519	211.05		0	
"2014-07-23	21:00:00"	9.13	90.7	8.48	18.89	5.572	88.8	17.17	11.74	91.2	90.6	0.617	26.23	28.67	26.517	39.818		0	
"2014-07-23	22:00:00"	8.09	88.8	6.109	11.14	4.186	86.7	15.8	7.561	87.2	85.6	1.581	29.51	32.85	26.519	0.12469		0	
"2014-07-23	23:00:00"	7.355	99	8.01	12.93	3.735	92.3	14.88	8.16	84	81.8	2.202	33.09	37.13	26.525	0	0		
"2014-07-24	01:00:00"	8.93	107.8	9.36	15.31	5.25	103.6	17.54	11.14	82.9	81.5	1.367	36.13	39.41	26.531	0	0		
"2014-07-24	02:00:00"	6.909	106.8	8.43	11.14	3.712	98	16.43	6.964	79.07	77.28	1.789	41.62	45.31	26.524	0	0		
"2014-07-24	03:00:00"	7.271	109.9	10.92	9.95	3.732	102.8	19.63	6.368	77.36	75.93	1.435	46.88	49.53	26.511	0	0		
"2014-07-24	04:00:00"	6.932	84.1	6.588	8.75	3.365	72.84	14.84	5.175	75.48	73.66	1.828	50.97	53.72	26.498	0	0		
"2014-07-24	05:00:00"	6.996	90.5	5.767	8.75	3.289	75.94	14.35	5.175	75.1	72.82	2.283	53.22	56.43	26.484	0	0		
"2014-07-24	06:00:00"	7.175	81.7	6.712	8.75	3.503	68.13	14.3	5.771	73.66	71.66	1.996	57.42	59.51	26.487	0	0		
"2014-07-24	07:00:00"	6.412	81.8	7.08	8.16	3.175	65.9	14	5.175	72.9	70.78	2.121	60.12	61.93	26.486	0.34755		0	
"2014-07-24	08:00:00"	5.801	81.9	7.652	7.561	2.92	67.25	15.07	4.578	73.13	71.32	1.807	61.68	63.35	26.481	41.92		0	
"2014-07-24	09:00:00"	4.316	117.9	35.92	6.964	2.725	109.2	48.13	5.771	76.95	77.3	-0.347	59.1	58.9	26.5	201.15		0	
"2014-07-24	10:00:00"	6.594	176.5	18.06	10.54	4.473	177.2	24.8	8.16	81.6	82.6	-1.034	52.21	52.01	26.531	399.18		0	
"2014-07-24	11:00:00"	4.881	209.5	30.47	10.54	3.681	212.4	37.4	7.561	85.9	86.3	-0.433	43.64	45.52	26.546	579.78		0	
"2014-07-24	12:00:00"	5.217	179.5	50.97	11.14	3.81	182.9	59.45	8.75	89.9	90.3	-0.418	35.33	37.87	26.558	741.01		0	
"2014-07-24	13:00:00"	5.645	158.3	77.66	14.12	4.155	176.1	79.12	12.93	93.1	93.6	-0.495	29.63	32.34	26.557	843.77		0	
"2014-07-24	14:00:00"	6.337	127.2	74.42	14.12	4.576	134.3	83	11.14	95.6	96.3	-0.631	24.72	27.17	26.543	893.08		0	
"2014-07-24	15:00:00"	6.752	101.4	40.57	15.31	4.751	99.1	52.04	12.33	97.5	98.7	-1.183	19.81	21.79	26.525	872.21		0	
"2014-07-24	16:00:00"	8.55	128.8	32.91	21.28	5.852	129	44.06	20.09	97.5	98.7	-1.217	18.3	19.83	26.511	774.42		0	
"2014-07-24	17:00:00"	8.52	95.6	45.78	24.26	5.828	91.3	52.79	20.09	98.1	99.4	-1.269	16.33	17.86	26.498	731.46		0	
"2014-07-24	18:00:00"	8.52	102.8	23.36	22.47	5.8	101	32.79	14.72	96.4	96.9	-0.499	17.48	19.17	26.483	398.16		0	
"2014-07-24	19:00:00"	8.94	108.3	25.32	21.28	5.911	107.6	32.45	15.91	96.8	97.5	-0.793	17.15	18.72	26.464	425.55		0	
"2014-07-24	20:00:00"	7.253	93.1	16.53	15.91	4.84	90.6	25.69	12.33	95.6	95.3	0.318	17.01	19	26.451	195.05		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-24	21:00:00"	6.876	115.2	13.91	10.54	3.581	112.9	19.35	6.368	91.8	90.4	1.413	22.01	25.03	26.443	38.734	0		
"2014-07-24	22:00:00"	7.268	111.7	5.75	9.35	3.243	105.4	14.47	5.175	86.9	84.1	2.832	27.63	32.11	26.436	0.24083	0		
"2014-07-24	23:00:00"	10.9	126	9.23	18.3	6.055	123.5	17.56	12.33	85.5	84.2	1.34	32	34.77	26.442	0	0		
"2014-07-25	00:00:00"	11.72	132.9	8.87	18.89	6.629	130.8	17.37	11.74	84.1	83.3	0.799	39.22	41.92	26.457	0	0		
"2014-07-25	01:00:00"	8.15	138.7	7.242	12.93	4.277	135.1	15.96	9.35	81.3	80.2	1.163	46.32	48.98	26.466	0	0		
"2014-07-25	02:00:00"	8.32	144.5	7.013	12.93	4.196	140.8	15.4	8.75	79.25	77.78	1.476	49.56	52.32	26.464	0	0		
"2014-07-25	03:00:00"	7.148	139.9	7.885	10.54	3.359	132.8	16.95	6.368	77.58	76.18	1.398	53.13	55.36	26.451	0	0		
"2014-07-25	04:00:00"	7.105	140.2	10.3	9.35	3.074	130.8	21.23	5.175	74.95	72.82	2.132	58.26	61.09	26.429	0	0		
"2014-07-25	05:00:00"	5.962	175.1	9.17	9.35	1.921	165.3	21.92	5.175	73.24	71.02	2.214	61.59	64.02	26.414	0	0		
"2014-07-25	06:00:00"	4.547	175.9	8.21	6.368	1.261	169.9	24.34	2.789	72.19	69.46	2.726	64.39	67.17	26.405	0	0		
"2014-07-25	07:00:00"	3.969	158.5	8.25	5.771	1.007	131.3	14.86	1.596	70.4	68.23	2.171	69.79	70.75	26.405	0.41134	0		
"2014-07-25	08:00:00"	3.746	178	9.82	5.771	1.189	182.7	18.61	3.386	71.02	69.52	1.495	70.33	70.28	26.41	46.341	0		
"2014-07-25	09:00:00"	7.06	184	10.83	12.93	4.56	185.8	18.3	9.95	74.32	74.89	-0.573	66.57	63.89	26.432	205.58	0		
"2014-07-25	10:00:00"	9.05	189.4	10.66	14.72	5.995	193	17.76	10.54	78.07	79.26	-1.185	59.32	57.46	26.456	401.33	0		
"2014-07-25	11:00:00"	8.09	189.3	15.33	12.93	5.627	191.6	20.7	10.54	84	85.1	-1.071	47.65	48.1	26.471	589.91	0		
"2014-07-25	12:00:00"	8.36	194.1	19.01	14.12	5.904	196.2	23.95	11.14	88.9	89.9	-1.041	36.91	38.69	26.486	749.76	0		
"2014-07-25	13:00:00"	8.2	185.2	26.46	20.09	5.72	187.4	32.31	18.3	92.6	93.7	-1.05	29.36	31.15	26.492	859.65	0		
"2014-07-25	14:00:00"	7.082	156.7	45.63	14.12	5.012	157.1	53.51	11.74	95.4	96.3	-0.968	24.51	26.37	26.484	912.72	0		
"2014-07-25	15:00:00"	7.184	154	55.96	17.1	5.122	159.1	61.66	12.33	97.1	97.9	-0.79	21.35	23.32	26.468	911.16	0		
"2014-07-25	16:00:00"	8.5	147.7	57.91	18.89	5.976	149.6	63.67	14.12	97.4	98.6	-1.231	19.35	20.79	26.456	863.33	0		
"2014-07-25	17:00:00"	8.36	168.8	41.6	18.89	5.634	172.1	48.26	13.52	98.1	99.2	-1.144	16.28	17.61	26.444	762.2	0		
"2014-07-25	18:00:00"	7.094	161.8	42.12	21.87	4.937	160.9	49.54	18.89	98.3	99	-0.703	14.99	16.38	26.425	612.26	0		
"2014-07-25	19:00:00"	7.342	155.9	36.16	16.51	4.932	156.1	43.29	12.93	97.3	98.1	-0.762	14.67	15.96	26.412	424.8	0		
"2014-07-25	20:00:00"	7.649	165.6	15.9	12.93	4.732	166.4	22.39	9.35	96.1	95.8	0.299	15.58	17.39	26.401	223.67	0		
"2014-07-25	21:00:00"	7.869	151.4	10.54	12.93	3.816	147.8	19.47	8.16	91.9	90.4	1.583	20.8	23.73	26.395	47.991	0		
"2014-07-25	22:00:00"	8.65	139.6	7.062	11.14	3.871	132.6	16.23	6.368	86.3	83.9	2.413	27.18	30.9	26.389	0.22947	0		
"2014-07-25	23:00:00"	8.47	142.6	7.753	10.54	3.6	135.4	17.19	5.771	82.5	79.68	2.826	29.39	33.77	26.389	0	0		
"2014-07-26	00:00:00"	8.39	143.8	6.658	11.14	3.589	135.1	15.6	5.771	79.49	76.87	2.625	33.73	37.8	26.389	0	0		
"2014-07-26	01:00:00"	9.13	157.1	9.39	14.72	4.462	152.8	18.74	9.95	78.68	76.74	1.944	39.37	42.82	26.388	0	0		
"2014-07-26	02:00:00"	9.64	167.4	7.907	14.72	5.136	166.1	17.54	10.54	79.15	78.06	1.088	46.25	48.45	26.39	0	0		
"2014-07-26	03:00:00"	8.02	173.7	6.587	11.74	3.707	172.9	15.42	6.368	76.52	74.82	1.694	52.68	55.14	26.385	0	0		
"2014-07-26	04:00:00"	8.41	182.5	8.29	13.52	4.398	184	16.8	8.75	75.65	74.32	1.323	56.57	58.06	26.372	0	0		
"2014-07-26	05:00:00"	8.58	182.7	9.12	12.93	4.607	183.8	16.48	8.16	75.5	74.36	1.134	60.2	61.1	26.372	0	0		
"2014-07-26	06:00:00"	6.824	183.7	9.67	12.33	3.192	186.7	17.83	6.964	73.71	72.27	1.441	65.15	65.86	26.376	0	0		
"2014-07-26	07:00:00"	3.97	182.1	15.25	6.964	1.196	172.8	55.46	3.386	71.1	68.64	2.459	71.09	72.55	26.364	0.28495	0		
"2014-07-26	08:00:00"	4.414	145	9.89	9.35	1.934	98.4	39.5	6.368	70.93	69.42	1.507	72.22	71.76	26.357	52.834	0		
"2014-07-26	09:00:00"	8.67	158.6	12.6	14.72	5.254	157.6	20.61	9.95	75.04	75.71	-0.676	65.84	63.36	26.385	230.01	0		
"2014-07-26	10:00:00"	8.82	175.7	13.67	13.52	5.76	177.8	20.86	10.54	78.73	80	-1.32	58.31	56.54	26.417	432.09	0		
"2014-07-26	11:00:00"	7.244	184.3	22.62	12.93	5.023	186.4	28.56	10.54	83.8	84.8	-1.051	48.58	48.83	26.436	611.6	0		
"2014-07-26	12:00:00"	6.562	155.5	27.94	12.33	4.551	155.7	38.46	9.95	88.6	89.5	-0.9	35.52	37.51	26.448	774.24	0		
"2014-07-26	13:00:00"	6.07	162.9	48.1	12.33	4.388	169.4	56.28	11.14	92.6	93.2	-0.611	26.03	28.04	26.458	881.17	0		
"2014-07-26	14:00:00"	5.687	178	61.9	15.31	4.137	186.6	68.65	10.54	95.5	96	-0.54	23.26	25.47	26.444	927.86	0		
"2014-07-26	15:00:00"	8.24	159.7	42.52	18.3	5.757	162.9	52.7	15.91	97.1	98.2	-1.145	21.12	22.68	26.428	920.99	0		
"2014-07-26	16:00:00"	10.82	171	26.63	23.66	7.043	173.5	32.33	15.31	97.7	99.4	-1.696	19.13	20.2	26.418	868.11	0		
"2014-07-26	17:00:00"	10.38	154.6	28.76	19.49	6.87	156.3	37.65	15.31	98.5	100	-1.461	16.09	17.11	26.408	761.99	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-26	18:00:00"	11.15	159.2	18.78	18.89	7.038	161.2	25.7	13.52	98.5	99.8	-1.304	15.4	16.47	26.394	610.13		0	
"2014-07-26	19:00:00"	9.74	159	20.74	18.3	6.304	161.4	27.29	12.33	97.9	98.9	-0.964	16.44	17.71	26.383	420.6		0	
"2014-07-26	20:00:00"	10.02	158.6	16.14	17.7	5.954	160.2	23.28	13.52	97	97	0.063	17.3	19.05	26.375	220.87		0	
"2014-07-26	21:00:00"	10.22	146.7	9.28	15.31	5.666	146.6	18.32	9.95	93.7	92.9	0.799	21.19	23.29	26.377	47.58		0	
"2014-07-26	22:00:00"	9.69	141.2	7.154	14.12	5.184	139.8	16.04	9.95	89.1	87.8	1.284	23.48	25.63	26.386	0.15557		0	
"2014-07-26	23:00:00"	9.97	145.4	7.73	15.91	5.222	143.8	16.45	9.95	86.4	85.1	1.302	28.38	30.79	26.398	0		0	
"2014-07-27	00:00:00"	11.54	153.8	9.48	17.7	6.43	153.9	17.54	12.33	85	84.1	0.932	33.57	36.04	26.406	0		0	
"2014-07-27	01:00:00"	10.68	161.5	8.45	17.1	6.002	161	17.17	11.14	83.2	82.3	0.939	35.9	38.58	26.414	0		0	
"2014-07-27	02:00:00"	10.02	161.3	7.771	15.31	5.602	160.8	16.99	11.14	81.4	80.4	0.988	37.66	40.41	26.413	0		0	
"2014-07-27	03:00:00"	7.227	137.7	13.11	12.33	3.468	126.8	21.6	8.75	78.4	76.71	1.696	42.25	45.64	26.404	0		0	
"2014-07-27	04:00:00"	7.312	128.1	6.854	9.35	3.532	118.3	14.08	5.771	76.15	74.16	1.984	46.55	49.79	26.386	0		0	
"2014-07-27	05:00:00"	7.794	122.8	6.34	9.35	3.941	114.5	13.99	5.771	74.71	73.03	1.674	52.13	54.26	26.376	0		0	
"2014-07-27	06:00:00"	7.76	116.4	7.585	9.95	4.115	109.7	15.29	6.368	73.29	71.9	1.39	56.1	57.3	26.378	0		0	
"2014-07-27	07:00:00"	8.02	112.3	9.73	11.74	4.605	105.8	18.1	8.16	72.64	71.64	1.004	58.74	59.01	26.384	0.29028		0	
"2014-07-27	08:00:00"	6.922	99.5	10.54	10.54	4.205	91.4	18.77	8.16	72.19	71.44	0.747	60.62	60.52	26.403	46.013		0	
"2014-07-27	09:00:00"	8.49	128.5	16.78	13.52	5.358	126.3	23.95	11.74	76.46	77.08	-0.613	56.53	55.45	26.435	212.51		0	
"2014-07-27	10:00:00"	9.4	144.6	13.79	13.52	6.052	144.4	22.4	11.14	79.82	81.3	-1.432	53.4	52.2	26.471	410.95		0	
"2014-07-27	11:00:00"	8.11	141.7	19.42	14.72	5.344	142.1	27.67	12.33	84.3	85.8	-1.516	46.21	46.4	26.495	594.33		0	
"2014-07-27	12:00:00"	9.71	119.6	23.23	16.51	6.655	118	30.79	13.52	88.2	89.8	-1.582	39.03	40.32	26.508	757.31		0	
"2014-07-27	13:00:00"	11.29	112	19.36	19.49	7.78	110	26.44	15.91	92.1	93.8	-1.748	30.08	31.47	26.511	861.53		0	
"2014-07-27	14:00:00"	10.96	117.7	21.69	21.28	7.453	114.2	29.76	17.1	94.1	96	-1.878	26.56	27.73	26.509	904.93		0	
"2014-07-27	15:00:00"	11.33	106.8	26.22	20.09	7.765	104.1	33.38	17.1	95.6	97.8	-2.135	24.89	25.98	26.505	902.41		0	
"2014-07-27	16:00:00"	10.01	109.7	29.46	20.09	6.914	107.1	36.83	14.72	97.1	99	-1.881	22.28	23.44	26.499	870.16		0	
"2014-07-27	17:00:00"	9.74	114	23.22	19.49	6.787	112.7	30.75	14.12	98	99.4	-1.461	21.65	22.98	26.489	710.57		0	
"2014-07-27	18:00:00"	12.43	103.9	20.35	22.47	8.38	102.6	27.92	17.1	96.9	98.1	-1.251	21.8	23.2	26.473	551.82		0	
"2014-07-27	19:00:00"	12.52	118.3	13.78	23.07	7.992	117.8	21.57	15.91	96.5	97.4	-0.934	21.5	22.99	26.465	353.71		0	
"2014-07-27	20:00:00"	12.08	118	15.95	20.09	7.704	117.2	22.37	14.72	95.9	96.2	-0.248	22.45	24.16	26.467	216.05		0	
"2014-07-27	21:00:00"	12.57	101.8	10.94	23.07	8.35	99.9	18.67	19.49	93.2	93.1	0.14	27.64	29.74	26.466	46.836		0	
"2014-07-27	22:00:00"	10.09	105	8.46	15.31	6.434	102.6	16.94	11.74	90.7	90.1	0.59	30.58	33.05	26.472	0.11314		0	
"2014-07-27	23:00:00"	9.53	113.7	7.511	15.31	5.743	111.6	16.34	11.14	88.9	88.1	0.798	33.11	35.91	26.488	0		0	
"2014-07-28	00:00:00"	8.11	119.2	7.966	10.54	4.452	116.6	15.02	7.561	86.2	85.1	1.13	36.22	39.51	26.493	0		0	
"2014-07-28	01:00:00"	7.586	128	11.87	10.54	4.018	123	17.12	6.964	84.2	82.9	1.237	39.34	42.77	26.496	0		0	
"2014-07-28	02:00:00"	7.769	163.7	14.97	13.52	3.947	160.7	24.17	9.35	82.5	81.2	1.301	44.91	47.96	26.505	0		0	
"2014-07-28	03:00:00"	6.467	130.9	16.56	9.35	2.78	114.4	25.95	5.175	80.6	78.3	2.3	47.99	52.3	26.502	0		0	
"2014-07-28	04:00:00"	6.503	138.5	7.074	8.16	2.555	118.1	14.03	4.578	78.62	75.72	2.899	50.34	55.42	26.481	0		0	
"2014-07-28	05:00:00"	7.259	147.7	7.919	9.35	2.831	136.8	17.82	5.771	76.6	73.8	2.797	53.28	57.86	26.476	0		0	
"2014-07-28	06:00:00"	7.53	150.1	6.248	9.95	3.266	141.8	15.42	6.368	75.59	73.52	2.068	54.88	57.91	26.483	0		0	
"2014-07-28	07:00:00"	4.486	174.1	21.84	8.75	1.596	194.2	83.7	3.982	74.09	71.85	2.243	58.89	61.61	26.499	0.08806		0	
"2014-07-28	08:00:00"	1.407	138.3	45.15	3.386	1.004	29.58	47.17	2.193	74.18	72.68	1.495	59.23	61.11	26.517	34.542		0	
"2014-07-28	09:00:00"	2.212	25.09	99.7	5.771	1.61	351.4	85.2	5.771	80.1	80	0.043	50.05	52.1	26.555	199.44		0	
"2014-07-28	10:00:00"	4.236	301.9	46.5	7.561	3.465	296.2	50.59	7.561	82.2	83.2	-1.059	46.77	47.84	26.598	371.25		0	
"2014-07-28	11:00:00"	5.59	23.2	59.99	13.52	3.96	26.11	68.24	9.95	85.2	86.1	-0.933	41.82	44.19	26.619	476.79		0	
"2014-07-28	12:00:00"	9.52	47.76	22.63	19.49	6.139	43.07	26.63	14.72	86.3	88	-1.645	39.58	41.31	26.624	730.01		0	
"2014-07-28	13:00:00"	12.17	46.11	17.57	20.68	7.394	41.59	21.16	17.1	87.2	88.9	-1.753	38.97	40.49	26.629	852.09		0	
"2014-07-28	14:00:00"	11.15	60.26	24.48	24.86	7.061	54.58	29.16	17.1	89.6	91.8	-2.143	34.56	35.8	26.623	805.02		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-28	15:00:00"	11.25	83.9	26.03	27.24	7.683	80.5	33.18	17.7	91.7	93.6	-1.923	30.81	32.03	26.607	804.53	0		
"2014-07-28	16:00:00"	11.82	85.5	20.1	21.28	7.815	82.4	27.79	15.91	90.9	92.4	-1.53	32.33	33.75	26.592	522.33	0		
"2014-07-28	17:00:00"	13.19	86.3	17.74	27.24	8.53	84.2	25.33	20.68	90.7	91.8	-1.116	33.21	34.91	26.57	316.65	0		
"2014-07-28	18:00:00"	15.69	85.8	13.01	25.45	9.88	83.2	21.61	18.89	90.1	91	-0.871	34.57	36.46	26.547	364.81	0		
"2014-07-28	19:00:00"	15.58	94.2	14.83	26.65	10.01	92.7	22.33	18.3	89.9	90.6	-0.713	34.77	36.68	26.531	253.71	0		
"2014-07-28	20:00:00"	14.7	92.8	11.7	24.86	9.51	90.7	19.45	17.7	89.1	89.4	-0.29	36.1	38.29	26.523	160.74	0		
"2014-07-28	21:00:00"	16.84	95.2	10.59	28.43	10.97	92.4	19.27	21.28	86.9	87	-0.091	41.88	43.71	26.527	36.501	0		
"2014-07-28	22:00:00"	16.11	92.2	9.23	25.45	10.52	89.7	18.49	19.49	83.6	83.5	0.117	48.68	49.9	26.53	0.06796	0		
"2014-07-28	23:00:00"	14.16	87.7	8.96	23.07	8.6	85	18.05	15.31	81.9	81.7	0.243	51.31	52.29	26.537	0	0		
"2014-07-29	00:00:00"	14.34	95.4	12.69	27.24	9.11	92.9	20.26	20.68	80.4	80.1	0.252	54.95	55.39	26.539	0	0		
"2014-07-29	01:00:00"	14.5	104.3	9.43	26.05	9.66	102.4	17.31	18.89	79.35	79.16	0.191	58.36	58.27	26.536	0	0		
"2014-07-29	02:00:00"	12.22	101.9	9.34	21.87	8.19	99.6	17.18	14.72	77.89	77.65	0.236	60.84	60.43	26.532	0	0		
"2014-07-29	03:00:00"	13.83	111.6	9.61	20.68	8.82	110	17.63	16.51	76.76	76.51	0.244	62.8	62.1	26.521	0	0		
"2014-07-29	04:00:00"	12.88	114.8	8.82	18.89	7.864	113.2	17.62	14.12	75.47	75.18	0.287	66.04	64.92	26.511	0	0		
"2014-07-29	05:00:00"	11.13	114.6	9.84	17.1	6.873	112.7	17.91	13.52	74.09	73.76	0.33	69.81	68.13	26.498	0	0		
"2014-07-29	06:00:00"	9.18	113.2	9.82	14.72	5.832	112.1	17.45	11.14	73.08	72.81	0.268	72.27	70.08	26.499	0	0		
"2014-07-29	07:00:00"	8.69	89.1	11.51	14.72	5.348	85.5	20.18	10.54	72.29	72.13	0.159	74.14	71.42	26.507	0.14757	0		
"2014-07-29	08:00:00"	10.12	74.63	9.19	16.51	6.263	68.28	18.51	12.93	71.86	72.01	-0.155	75.61	72.17	26.516	35.259	0		
"2014-07-29	09:00:00"	11.67	61.9	10.79	18.89	7.15	57.88	18.68	13.52	72.26	72.89	-0.628	71.55	68.29	26.533	148.14	0		
"2014-07-29	10:00:00"	13.1	64.11	12.12	20.09	8.16	58.25	19.33	14.72	74.07	75.53	-1.461	67.62	64.14	26.541	391.75	0		
"2014-07-29	11:00:00"	12.38	69.66	15.23	18.89	7.809	64.04	23.44	14.12	77.57	79.59	-2.015	59.45	56.98	26.557	609.11	0		
"2014-07-29	12:00:00"	9.01	89.8	25.37	17.1	6.317	84.7	33.71	13.52	81.9	83.9	-2.007	51.09	50.11	26.575	792.06	0		
"2014-07-29	13:00:00"	8.48	78.8	29.16	15.91	5.782	70.16	35.25	11.74	84.2	85.7	-1.484	45.61	46.42	26.576	539.43	0		
"2014-07-29	14:00:00"	11	36.69	15.21	18.3	6.854	31.54	18.1	14.12	83.8	85.2	-1.374	45.87	46.64	26.565	563.77	0		
"2014-07-29	15:00:00"	11.08	44.15	20.89	18.89	7.02	38.76	24.96	16.51	85.8	87.8	-2.008	42.5	43.42	26.549	792.21	0		
"2014-07-29	16:00:00"	13.52	39.18	17.08	21.87	8.45	34.07	20.88	17.7	87.2	89.5	-2.259	41	41.88	26.533	951.51	0		
"2014-07-29	17:00:00"	13.66	43.75	15.74	23.07	8.13	37.12	18.32	17.1	87.8	89.8	-2.047	40.61	41.71	26.508	792.29	0		
"2014-07-29	18:00:00"	12.47	59.9	16.64	22.47	7.682	54.32	22.93	17.1	88.3	89.9	-1.601	39.1	40.6	26.474	482.06	0		
"2014-07-29	19:00:00"	12.78	49	19.51	24.86	7.936	43.32	23.92	17.7	89.5	90.7	-1.232	37.35	39.26	26.46	418.99	0		
"2014-07-29	20:00:00"	12.91	71.91	21.65	21.87	8.02	67.79	26.78	14.12	89.4	89.9	-0.465	35.58	37.82	26.454	143.45	0		
"2014-07-29	21:00:00"	11.98	73.46	10.64	18.89	7.41	68.52	19.17	14.12	87.7	87.7	-0.012	37.6	39.99	26.448	6.6279	0		
"2014-07-29	22:00:00"	15.42	85.6	13.14	24.86	9.89	82.5	21.08	18.89	85.2	85.2	-0.017	42.39	44.21	26.443	0	0		
"2014-07-29	23:00:00"	15.68	96.3	9.34	26.65	10.59	94	18.03	19.49	80.8	80.9	-0.116	53.06	53.15	26.453	0	0		
"2014-07-30	00:00:00"	14.94	100.8	10.28	27.24	10	98.5	18.72	17.7	76.97	77.05	-0.077	63.27	61.93	26.453	0	0		
"2014-07-30	01:00:00"	11.45	115.7	9.15	18.3	7.114	114	17.26	13.52	75	74.78	0.217	67.25	65.81	26.435	0	0		
"2014-07-30	02:00:00"	8.73	115.6	8.52	14.72	5.422	113.7	16.37	11.74	73.72	73.31	0.414	70.57	68.88	26.415	0	0		
"2014-07-30	03:00:00"	7.242	113.8	16.61	11.14	4.157	110.8	23.67	7.561	72.81	72.1	0.707	72.39	71.06	26.403	0	0		
"2014-07-30	04:00:00"	6.151	143.3	6.987	9.35	2.464	134.7	16.44	5.175	71.66	69.99	1.67	69.84	71.12	26.381	0	0		
"2014-07-30	05:00:00"	6.189	141.5	9.92	8.16	2.624	126.3	18.27	3.982	71.8	69.68	2.119	59.75	63.3	26.359	0	0		
"2014-07-30	06:00:00"	5.102	134.3	12.39	7.561	2.135	107.5	24.31	3.982	71.82	69.61	2.21	52.73	56.71	26.353	0	0		
"2014-07-30	07:00:00"	5.898	163.5	13.3	8.75	2.525	163.2	23.61	4.578	72.08	70.41	1.667	50.82	53.64	26.356	0.08882	0		
"2014-07-30	08:00:00"	5.999	184.3	11.93	9.35	3.232	188.8	18.33	6.368	73.46	72.55	0.912	47.55	49.51	26.364	38.535	0		
"2014-07-30	09:00:00"	7.787	195.6	10.37	13.52	4.99	197.8	16.4	11.14	75.85	75.78	0.073	44.74	46.19	26.376	159.56	0		
"2014-07-30	10:00:00"	11	191.9	11.82	15.31	7.126	193.5	17.53	12.33	81.3	82.3	-1.032	36.78	38.09	26.396	410.06	0		
"2014-07-30	11:00:00"	10.12	209.4	16.89	16.51	7.035	209.4	19.66	15.31	85.7	86.7	-1.036	31.43	32.7	26.416	585.32	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-07-30	12:00:00"	9.46	231	21.36	17.7	7.054	228.9	23.11	12.93	90	90.9	-0.911	27.63	29.03	26.429	741.21	0		
"2014-07-30	13:00:00"	7.632	247.9	33.31	15.31	5.821	245.7	36.35	13.52	94.4	95.3	-0.86	24.25	25.97	26.433	845.27	0		
"2014-07-30	14:00:00"	8.11	274.1	45.9	19.49	6.17	270.9	50.32	15.31	97.3	98.4	-1.161	21.66	23.47	26.424	893.93	0		
"2014-07-30	15:00:00"	8.41	275.4	50.91	18.3	6.444	273	52.46	14.72	99.3	100.6	-1.264	19.71	21.41	26.41	906.5	0		
"2014-07-30	16:00:00"	11.12	352.5	54.85	26.05	7.76	352.4	55.57	23.66	98.6	99.8	-1.173	20.53	22.18	26.396	591.64	0		
"2014-07-30	17:00:00"	12.32	63.26	17.93	20.09	7.729	58.41	23.68	14.72	96.4	97.8	-1.39	23.19	24.65	26.384	454.13	0		
"2014-07-30	18:00:00"	12.85	24.63	15.91	22.47	8.43	20.66	19.45	15.91	97.4	98.3	-0.95	24.16	26.05	26.376	462.06	0		
"2014-07-30	19:00:00"	14.03	55.9	24.46	21.87	8.66	49.61	27.49	20.68	93.7	94.5	-0.797	29.7	31.57	26.373	191.29	0		
"2014-07-30	20:00:00"	11.26	71.36	16.89	22.47	6.899	67.38	23.82	14.72	89.8	89.9	-0.095	35.19	37.45	26.377	46.077	0		
"2014-07-30	21:00:00"	14.07	209.7	55.07	35.59	8.95	208.7	56.11	24.86	79.85	80.2	-0.371	55.98	55.13	26.418	7.0723	0		
"2014-07-30	22:00:00"	3.877	331.2	56.76	9.95	2.757	333.6	53.56	6.964	79.11	79.05	0.059	53.44	53.85	26.409	0.03093	0		
"2014-07-30	23:00:00"	11.63	23.71	21.33	26.05	6.819	18.23	22.49	17.7	80.3	80.4	-0.038	52.06	52.48	26.422	0	0		
"2014-07-31	00:00:00"	19.56	40.5	10.93	30.22	10.73	34.48	14.15	22.47	77.33	77.5	-0.163	57.46	56.77	26.451	0	0		
"2014-07-31	01:00:00"	20.06	37.27	10.64	33.21	11.05	32.38	13.51	24.26	74.04	74.26	-0.223	61.92	60.09	26.468	0	0		
"2014-07-31	02:00:00"	17.01	40.51	11.06	26.05	9.26	34.7	14.59	18.89	72.54	72.65	-0.104	67.08	64.74	26.457	0	0		
"2014-07-31	03:00:00"	17.55	34.84	9.94	27.24	9.97	29.93	12.49	21.28	68.69	68.73	-0.046	81.3	77.32	26.435	0	0		
"2014-07-31	04:00:00"	15.75	39.85	9.47	24.86	8.54	34.34	13.08	17.1	68.07	68	0.065	81.1	77.04	26.422	0	0		
"2014-07-31	05:00:00"	13.75	35.15	10.61	23.07	7.919	30.07	13.37	16.51	67.72	67.78	-0.062	80.4	75.91	26.446	0	0		
"2014-07-31	06:00:00"	14.82	31.97	10.21	24.26	8.6	27.84	12.42	18.3	67.9	68.02	-0.122	79	74.51	26.456	0	0		
"2014-07-31	07:00:00"	13.51	14.6	11.48	22.47	9.5	12.62	15.46	17.7	67.25	67.55	-0.305	77.72	72.96	26.476	0.20787	0		
"2014-07-31	08:00:00"	14.63	33.03	12.19	21.87	8.4	29.18	14.12	17.1	65.39	65.18	0.215	80.1	76.64	26.474	9.28	0.14		
"2014-07-31	09:00:00"	12.24	39.48	10.09	21.87	6.681	34.4	13.28	15.91	65.88	65.51	0.369	78.66	76.22	26.473	36.14	0		
"2014-07-31	10:00:00"	11.49	25.34	11.02	17.1	7.508	21.38	14.15	12.93	67.31	67.42	-0.116	75.36	72.82	26.503	153.22	0		
"2014-07-31	11:00:00"	9.95	27.91	12.97	15.31	6.432	23.31	15.72	11.74	69.41	70.08	-0.675	68.9	67.04	26.52	324.4	0		
"2014-07-31	12:00:00"	9.48	35.37	15.04	14.72	5.942	29.95	18.93	12.33	71.37	72.4	-1.026	63.92	62.76	26.519	425.15	0		
"2014-07-31	13:00:00"	9.03	46.21	17.92	18.3	5.469	40.57	21.93	14.12	73.15	74.39	-1.234	59.86	59.39	26.516	468.69	0		
"2014-07-31	14:00:00"	9.32	39.63	23.25	17.1	6.154	33.59	26.88	13.52	76.29	77.84	-1.555	52.88	53.5	26.518	670.6	0		
"2014-07-31	15:00:00"	6.639	59.13	32.5	15.31	4.348	51.6	42.06	11.74	77.45	78.73	-1.277	50.36	51.44	26.52	532.97	0		
"2014-07-31	16:00:00"	6.581	61.84	47.56	15.91	4.64	57.3	55.06	10.54	79.87	81	-1.147	46.03	47.84	26.516	564.12	0		
"2014-07-31	17:00:00"	6.409	77.79	37.34	14.12	4.314	74.2	45.75	10.54	80.8	81.6	-0.818	44.28	46.44	26.494	425.55	0		
"2014-07-31	18:00:00"	7.479	42.86	26.05	15.31	4.94	36.95	30.77	13.52	81.9	82.6	-0.653	41.5	44.09	26.48	344.94	0		
"2014-07-31	19:00:00"	6.724	53.46	27.95	13.52	4.273	46.5	35.76	9.95	83.7	84.7	-0.969	38.12	40.81	26.464	391.4	0		
"2014-07-31	20:00:00"	6.484	80.2	24.86	12.93	4.255	76.9	31.77	9.95	83.5	83.7	-0.217	38.36	41.53	26.46	186.02	0		
"2014-07-31	21:00:00"	5.19	115.6	10.29	8.16	2.552	112.8	16.46	5.175	80.1	78.84	1.281	44.49	49.83	26.458	17.673	0		
"2014-07-31	22:00:00"	5.763	127.7	7.964	7.561	2.308	112.9	15.81	3.982	76.28	73.72	2.561	53.72	61.32	26.446	0.01901	0		
"2014-07-31	23:00:00"	5.271	111.3	16.62	7.561	2.3	84.1	17.47	3.982	75.7	72.14	3.559	53.91	63.56	26.449	0	0		
"2014-08-01	00:00:00"	4.851	73.52	21.93	7.561	2.252	58.51	18.11	4.578	74.23	72.11	2.122	56.99	61.82	26.459	0	0		
"2014-08-01	01:00:00"	4.604	63.96	14.45	9.35	1.965	61.8	19.6	5.771	72.62	71.44	1.172	60.68	63.21	26.468	0	0		
"2014-08-01	02:00:00"	7.476	93.9	12.1	13.52	4.641	90.5	19.42	9.35	71.97	71.27	0.706	63.86	63.84	26.462	0	0		
"2014-08-01	03:00:00"	8.48	97.4	9.39	12.93	5.491	93.8	17.67	9.95	70.98	70.59	0.39	68.33	66.95	26.456	0	0		
"2014-08-01	04:00:00"	9.69	88.7	8.29	16.51	5.839	86.1	18.25	10.54	69.72	69.3	0.419	69.48	67.83	26.453	0	0		
"2014-08-01	05:00:00"	8.88	90.7	9.21	16.51	5.492	88.5	18.12	12.93	68.36	68.05	0.314	73.09	70.47	26.449	0	0		
"2014-08-01	06:00:00"	8.68	89.9	8.9	12.93	5.543	87.7	17.61	10.54	67.2	66.94	0.265	77.48	74.01	26.449	0	0		
"2014-08-01	07:00:00"	6.285	80.9	13.28	11.14	3.881	75.57	22.02	7.561	66.57	66.42	0.145	79.94	75.97	26.454	0.05581	0		
"2014-08-01	08:00:00"	6.183	89	16.07	10.54	4.037	85.6	23.59	7.561	66.68	66.62	0.063	80.9	76.77	26.468	10.222	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-01	09:00:00"	5.309	101.9	17.23	8.75	3.563	98.4	24.43	6.368	67.62	67.87	-0.25	79.15	74.92	26.48	91.458		0	
"2014-08-01	10:00:00"	5.805	148.4	41.66	12.93	3.734	151.2	49.4	10.54	70.22	70.82	-0.601	73.08	69.55	26.504	152.01		0	
"2014-08-01	11:00:00"	10.15	196.3	11.88	14.72	6.745	198	17.04	11.74	70.16	70.93	-0.775	73.91	69.58	26.525	307.45		0	
"2014-08-01	12:00:00"	7.89	191.9	21.07	14.72	5.384	194.3	25.25	12.33	72.28	73.49	-1.204	68.59	64.54	26.536	342.77		0	
"2014-08-01	13:00:00"	4.745	184.1	40.64	8.75	3.444	189.2	44.16	7.561	72.81	73.35	-0.54	64.96	62.72	26.53	252.69		0	
"2014-08-01	14:00:00"	3.835	108.9	47.35	12.93	2.381	100.3	56.42	6.964	76.62	77.29	-0.67	56.13	55.89	26.53	447.66		0	
"2014-08-01	15:00:00"	6.153	75.28	42.44	12.93	4.504	69.32	50.99	9.95	79.28	80.3	-1.003	49.27	50.12	26.523	593.94		0	
"2014-08-01	16:00:00"	7.571	75.31	33.83	15.31	5.254	69.78	39.88	9.95	79.3	80.3	-0.998	48.64	49.36	26.502	395.77		0	
"2014-08-01	17:00:00"	7.937	53.23	34.16	19.49	5.333	48.75	39.11	11.14	80.7	81.8	-1.09	44.51	45.93	26.488	415		0	
"2014-08-01	18:00:00"	7.208	54.66	26.28	12.93	4.724	48.53	30.23	9.35	81.5	82.5	-0.918	42.09	44.05	26.482	348.9		0	
"2014-08-01	19:00:00"	6.261	50.44	37.95	14.72	4.046	42.21	41.63	8.75	81.6	82.2	-0.529	40.14	42.56	26.471	197.47		0	
"2014-08-01	20:00:00"	5.236	109.1	44.11	9.95	3.034	108.1	48.77	6.964	80.9	80.7	0.167	40.52	43.5	26.456	73.708		0	
"2014-08-01	21:00:00"	4.711	145.1	9.03	6.964	1.946	141.7	18.62	5.175	78.36	77.35	1.015	47.81	52.08	26.452	22.051		0	
"2014-08-01	22:00:00"	3.945	117.5	12.03	6.368	1.36	97.3	20.87	2.789	76.76	75.62	1.143	51.37	55.09	26.453	0		0	
"2014-08-01	23:00:00"	7.186	63.49	10.13	12.93	4.284	56.71	14.27	11.14	76.54	75.63	0.908	48.55	51.51	26.474	0		0	
"2014-08-02	00:00:00"	9.86	63.88	9.44	15.31	6.145	60.2	17.43	10.54	75.29	74.98	0.312	42.68	44.48	26.49	0		0	
"2014-08-02	01:00:00"	8.06	60.92	10.73	12.93	4.798	57.14	17.85	9.35	74.46	74.15	0.31	43.13	44.71	26.493	0		0	
"2014-08-02	02:00:00"	6.974	67.87	9.33	9.35	4.142	65.39	17.7	7.561	73.1	72.71	0.389	43.93	45.45	26.487	0		0	
"2014-08-02	03:00:00"	7.444	71.42	9.66	11.74	4.363	67.14	17.91	8.16	72.21	71.77	0.433	47.19	48.04	26.472	0		0	
"2014-08-02	04:00:00"	7.516	94.7	15.98	11.74	4.836	92.1	22.25	8.16	71.97	71.58	0.384	50.36	50.68	26.46	0		0	
"2014-08-02	05:00:00"	5.917	106.6	12.19	9.35	3.539	103.6	19	6.368	71.59	71.11	0.477	52.22	52.74	26.465	0		0	
"2014-08-02	06:00:00"	5.132	97.6	10.42	8.16	3.013	93.1	18.62	5.771	71.07	70.6	0.472	54.06	54.39	26.473	0		0	
"2014-08-02	07:00:00"	4.793	66.05	11.27	6.964	2.9	62.4	16.49	5.175	70.49	70.04	0.456	54.92	55.06	26.483	0.01119		0	
"2014-08-02	08:00:00"	6.838	65.94	8.8	9.95	4.148	62.03	16.34	6.964	70.32	69.92	0.398	53.67	53.84	26.493	7.6162		0	
"2014-08-02	09:00:00"	6.613	84.2	14.61	11.14	4.248	81.4	22.98	7.561	70.72	70.52	0.205	53.19	53.27	26.506	55.574		0	
"2014-08-02	10:00:00"	5.133	93.6	11.28	8.16	3.447	88.1	21.05	6.368	71.88	71.88	-0.001	52.04	52.46	26.525	96.122		0	
"2014-08-02	11:00:00"	4.223	138.2	21.53	6.964	2.673	138.9	27.68	5.175	72.94	73.08	-0.145	52.93	52.96	26.534	140.97		0	
"2014-08-02	12:00:00"	3.84	134.8	22.64	6.368	2.468	137.1	30.99	5.175	73.79	73.84	-0.057	55.67	57.97	26.551	206.58		0	
"2014-08-02	13:00:00"	6.966	143.6	17.01	16.51	4.102	142	25.53	10.54	72.69	72.23	0.461	57.79	61.68	26.547	167.45		0	
"2014-08-02	14:00:00"	7.644	123.1	21.98	11.14	5.069	121.3	28.05	8.16	74.24	74.46	-0.22	48.74	50.98	26.539	241.95		0	
"2014-08-02	15:00:00"	8.74	78.17	15.62	16.51	5.76	73.84	24.83	11.74	77.03	78	-0.966	43.94	45.69	26.537	391.81		0	
"2014-08-02	16:00:00"	9.87	82	13.49	16.51	6.487	78.8	22.19	13.52	78.6	79.15	-0.556	33.35	35.78	26.53	276.79		0	
"2014-08-02	17:00:00"	9.59	86.8	17.46	15.91	6.293	83.4	25.12	11.74	79.99	80.7	-0.741	31.91	33.91	26.514	334.52		0	
"2014-08-02	18:00:00"	9.45	82.4	15.03	15.31	6.191	79.37	23.77	11.14	80.8	81.3	-0.472	28.58	30.6	26.512	242.93		0	
"2014-08-02	19:00:00"	9.72	88.7	14.35	15.31	6.217	85.6	22.61	11.14	80.2	80.3	-0.07	30.64	32.64	26.506	122.62		0	
"2014-08-02	20:00:00"	10.49	110.5	10.52	15.91	6.772	109.6	18.86	12.33	79.47	79.34	0.125	33.98	35.98	26.496	72.874		0	
"2014-08-02	21:00:00"	10.3	107.2	9.27	17.1	6.813	104.9	18.05	12.33	78.35	78.16	0.192	36.59	38.49	26.496	24.596		0	
"2014-08-02	22:00:00"	6.842	88.6	10.87	11.14	4.001	85.2	18.85	7.561	76.39	75.89	0.505	38.03	40.35	26.494	0.00168		0	
"2014-08-02	23:00:00"	6.554	71.51	6.331	9.35	3.76	64.4	16.08	6.368	74.92	74.3	0.619	41.35	43.49	26.496	0		0	
"2014-08-03	00:00:00"	5.502	64.69	6.374	7.561	2.954	62.93	14.88	5.175	74.02	73.03	0.991	44.17	46.51	26.5	0		0	
"2014-08-03	01:00:00"	7.021	65.85	7.649	9.35	3.976	62.5	16.36	6.964	73.29	72.51	0.782	45.6	47.42	26.498	0		0	
"2014-08-03	02:00:00"	6.451	83.6	12.48	9.95	3.548	78.61	20.99	6.964	73.2	72.56	0.631	44.68	46.49	26.498	0		0	
"2014-08-03	03:00:00"	6.408	70.88	13.5	9.95	3.591	65.86	18.11	7.561	72.94	72.16	0.775	45.71	47.5	26.497	0		0	
"2014-08-03	04:00:00"	7.078	70.17	7.22	9.95	4.125	66.15	16.66	6.964	72.18	71.68	0.503	47.5	48.29	26.491	0		0	
"2014-08-03	05:00:00"	6.338	68.58	7.409	8.75	3.41	64.8	16.3	5.771	70.23	69.19	1.045	52.69	53.48	26.488	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-03	06:00:00"	6.095	56.38	7.364	9.35	3.446	53.52	14.87	5.771	69.92	69.12	0.795	54.36	54.55	26.485	0	0		
"2014-08-03	07:00:00"	7.458	57.03	9.11	11.14	4.63	55.42	15.91	8.75	69.76	69.47	0.288	55.24	54.41	26.496	0.0765	0		
"2014-08-03	08:00:00"	6.434	54.42	9.53	10.54	3.937	53.32	15.95	6.368	69.58	69.3	0.282	55.51	54.75	26.504	16.515	0		
"2014-08-03	09:00:00"	7.204	63.24	7.99	9.95	4.678	59.54	16.19	8.16	70.02	69.9	0.126	55.64	55.07	26.514	90.185	0		
"2014-08-03	10:00:00"	6.548	78.56	14.46	9.35	4.557	70.68	22.41	8.16	74.26	75.17	-0.916	47.8	48.1	26.526	328.75	0		
"2014-08-03	11:00:00"	4.361	139.4	37.09	8.16	3.302	137.9	52.89	7.561	81.2	82.1	-0.927	37.81	39.18	26.551	579.12	0		
"2014-08-03	12:00:00"	5.831	128.1	40.34	15.31	4.267	127	51.51	12.33	84.4	85.4	-1.011	33.05	34.5	26.572	744.68	0		
"2014-08-03	13:00:00"	7.575	106.8	38.21	15.91	5.412	105.2	48.74	12.33	85.6	87.1	-1.482	29.77	30.87	26.571	854.87	0		
"2014-08-03	14:00:00"	8.11	86.5	42.43	20.09	5.655	78.71	47.88	18.3	87.6	89.3	-1.72	26.07	27.16	26.559	903.92	0		
"2014-08-03	15:00:00"	7.14	120.6	46.1	15.91	5.182	115.3	56.5	11.74	89.1	90.6	-1.461	23.7	24.55	26.552	881.73	0		
"2014-08-03	16:00:00"	8.22	114.2	50.33	20.68	5.501	113.3	60.08	20.09	89.9	91.6	-1.657	23.03	23.79	26.54	859.58	0		
"2014-08-03	17:00:00"	8.5	95	38.3	17.1	5.966	93.6	42.45	12.93	89.7	91.2	-1.525	23.02	23.82	26.528	720.84	0		
"2014-08-03	18:00:00"	7.732	83.2	38.36	16.51	5.384	78.02	41.58	14.72	89.6	90.8	-1.165	23.12	24.17	26.51	559.13	0		
"2014-08-03	19:00:00"	8.34	91.3	29.3	17.1	5.553	86.6	37.41	12.33	88.7	89.8	-1.119	23.65	24.69	26.495	395.67	0		
"2014-08-03	20:00:00"	8.9	85.5	19.13	15.91	5.846	80.6	26.87	11.74	87.6	87.9	-0.371	24.39	25.7	26.488	198.23	0		
"2014-08-03	21:00:00"	8.53	91.4	8.96	15.31	5.214	89.9	18.34	11.14	84.7	84	0.694	27.29	29.26	26.479	31.197	0		
"2014-08-03	22:00:00"	7.243	92.9	6.907	9.35	3.416	91.8	16.78	6.368	80.3	78	2.291	31.36	35.37	26.473	0.01807	0		
"2014-08-03	23:00:00"	7.937	93.4	7.294	9.95	3.634	87.9	14.87	5.771	77.47	74.79	2.673	34.24	38.66	26.479	0	0		
"2014-08-04	00:00:00"	7.801	99.3	5.264	9.95	3.668	89.1	13.87	5.771	75.65	72.32	3.336	36.61	42.1	26.477	0	0		
"2014-08-04	01:00:00"	7.62	105.5	7.458	12.33	4.111	99	16.61	6.964	73.95	71.76	2.19	39.89	43.57	26.469	0	0		
"2014-08-04	02:00:00"	7.324	108.5	8.97	11.14	3.975	100.3	18.06	6.964	72.8	71.11	1.696	42.49	45.17	26.465	0	0		
"2014-08-04	03:00:00"	7.187	112.9	7.316	11.14	3.725	107.7	15.44	7.561	70.95	69.53	1.426	46.03	47.74	26.459	0	0		
"2014-08-04	04:00:00"	6.112	107.6	6.728	8.75	2.818	86.9	16.63	4.578	69.08	66.56	2.523	49.43	52.25	26.445	0	0		
"2014-08-04	05:00:00"	6.377	106.8	4.174	7.561	2.917	83.4	13.52	4.578	67.85	64.63	3.222	52.42	55.79	26.432	0	0		
"2014-08-04	06:00:00"	6.672	111.5	9.67	9.35	3.09	93.3	18.77	6.368	67.01	64.11	2.894	55.06	57.65	26.431	0	0		
"2014-08-04	07:00:00"	6.491	125.9	9.44	8.75	2.902	111.3	19.95	5.175	66.92	64.95	1.974	56.79	58.05	26.44	0.3374	0		
"2014-08-04	08:00:00"	5.414	104.2	9.12	8.16	2.567	82.3	15.88	4.578	67.02	65.28	1.741	57.93	58.92	26.448	48.156	0		
"2014-08-04	09:00:00"	7.307	123.3	10.41	12.33	4.532	119.2	18.96	8.16	71.44	71.86	-0.418	52.29	51.43	26.475	174.99	0		
"2014-08-04	10:00:00"	9.64	152.8	15.88	15.91	5.861	152.8	24.07	9.95	75.49	76.71	-1.218	48.21	47.48	26.51	355.11	0		
"2014-08-04	11:00:00"	9.36	170.9	17.29	13.52	6.205	173.4	25.37	10.54	80.4	81.8	-1.426	40.91	41.17	26.533	592.97	0		
"2014-08-04	12:00:00"	7.939	179.2	34.34	15.31	5.43	182.2	40.03	12.33	84.2	85.5	-1.296	34.3	34.97	26.553	740.91	0		
"2014-08-04	13:00:00"	6.832	149.9	53.79	17.1	4.915	153	61.67	12.33	87.6	88.8	-1.238	29.06	29.98	26.558	881.07	0		
"2014-08-04	14:00:00"	6.871	130.4	50.49	15.91	5.024	133.8	57.55	12.93	90.3	91.6	-1.296	24.34	25.28	26.546	959.8	0		
"2014-08-04	15:00:00"	8.22	124.3	50.87	19.49	5.893	122.7	60.69	14.12	91.2	92.5	-1.367	21.92	22.75	26.527	949.21	0		
"2014-08-04	16:00:00"	7.45	82.9	70.54	16.51	5.277	72.27	78.4	12.93	90.4	91.5	-1.059	21.53	22.53	26.508	610.73	0		
"2014-08-04	17:00:00"	8.82	121.5	40.81	19.49	6.081	118.2	45.54	14.72	90.8	92.3	-1.543	21.23	21.81	26.487	743.28	0		
"2014-08-04	18:00:00"	9.27	101	25.62	20.09	6.424	100.8	33.33	12.93	90.6	91.9	-1.357	20.64	21.22	26.475	569.64	0		
"2014-08-04	19:00:00"	7.908	135.2	28.32	15.91	5.228	136.5	36.04	12.33	90.4	91.4	-1.014	20.48	21.14	26.464	400.74	0		
"2014-08-04	20:00:00"	8.84	136.7	22.16	14.72	5.442	136.7	30.17	11.14	89	89.4	-0.37	22.31	23.29	26.463	194.12	0		
"2014-08-04	21:00:00"	8.66	120.8	9.19	14.12	4.918	118.7	16.71	9.35	85.4	84.5	0.913	25.8	27.69	26.467	19.514	0		
"2014-08-04	22:00:00"	7.06	102.3	5.85	9.35	3.691	95.8	15.47	6.368	81.3	79.33	1.938	30.18	33.27	26.461	0.00074	0		
"2014-08-04	23:00:00"	7.265	100	5.546	9.35	3.707	92.9	14.81	5.771	78.27	76.1	2.168	34.02	37.59	26.46	0	0		
"2014-08-05	00:00:00"	8.14	111.4	7.836	11.14	4.419	106.2	17	8.16	78.16	76.42	1.742	34.6	37.65	26.462	0	0		
"2014-08-05	01:00:00"	8.42	111.6	8.14	11.74	4.521	106.7	17.11	7.561	77.32	76.01	1.306	35.29	37.85	26.463	0	0		
"2014-08-05	02:00:00"	9.26	115.9	11.21	14.72	5.459	113	18.44	9.95	75.45	74.49	0.96	38.66	40.68	26.457	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-05	03:00:00"	7.891	117.3	6.407	11.74	4.228	113.3	14.99	7.561	73.21	71.96	1.249	44.13	45.92	26.444	0	0		
"2014-08-05	04:00:00"	7.435	118.8	6.568	9.35	3.742	113.5	14.95	5.771	71.14	69.49	1.642	47.35	49.26	26.427	0	0		
"2014-08-05	05:00:00"	6.722	124.9	5.936	9.35	3.016	113.4	13.76	5.771	69.81	67.88	1.931	48.65	50.88	26.416	0	0		
"2014-08-05	06:00:00"	5.227	122.6	7.916	6.964	1.796	94.2	19.99	3.386	68.72	65.88	2.842	50.92	54.08	26.41	0	0		
"2014-08-05	07:00:00"	6.509	116	5.705	8.16	2.919	99.4	14.97	4.578	68.2	65.84	2.353	53.78	55.89	26.41	0.13313	0		
"2014-08-05	08:00:00"	3.258	131.1	26.43	6.964	1.249	91.3	73.21	2.789	68.02	66.72	1.296	56.52	56.78	26.424	39.891	0		
"2014-08-05	09:00:00"	6.726	161.6	11.84	12.93	4.068	162	21.16	9.95	72.86	73.68	-0.824	52.4	50.95	26.454	213.16	0		
"2014-08-05	10:00:00"	9.72	182.8	13.06	17.7	6.148	184.1	20.64	14.12	77.53	78.6	-1.069	45.69	45.54	26.494	374.98	0		
"2014-08-05	11:00:00"	13.79	186.7	12.74	22.47	8.74	187.9	19.03	16.51	81.2	82.5	-1.227	40.47	41.01	26.525	505.03	0		
"2014-08-05	12:00:00"	11.85	189.9	13.92	18.89	7.743	191	19.72	14.12	83.4	84.7	-1.276	37.73	38.47	26.539	544.69	0		
"2014-08-05	13:00:00"	10.01	176.4	17.51	17.7	6.445	177	24.62	13.52	85.6	86.6	-1.02	32.75	33.9	26.54	523.43	0		
"2014-08-05	14:00:00"	8.08	175.3	37.37	17.1	5.788	179.3	46.04	12.33	90.2	91.4	-1.22	26.73	27.56	26.535	935.87	0		
"2014-08-05	15:00:00"	9.13	185.5	34.46	19.49	6.401	188.8	42.93	15.31	91.3	92.8	-1.581	25.21	25.66	26.532	936.84	0		
"2014-08-05	16:00:00"	8.94	160.4	35.27	20.09	6.057	161.7	43.31	15.31	92	93.5	-1.502	22.91	23.37	26.518	748.57	0		
"2014-08-05	17:00:00"	8.85	177.3	47.63	21.87	6.087	181.8	50.85	15.91	92.6	93.9	-1.304	21.79	22.45	26.5	705.4	0		
"2014-08-05	18:00:00"	8.49	167.1	36.81	17.7	5.729	170.1	41.38	14.72	93.1	94.2	-1.148	20.69	21.39	26.486	560.99	0		
"2014-08-05	19:00:00"	7.868	190.6	37.79	15.31	5.323	191.6	41.68	11.74	92.3	93	-0.785	19.64	20.46	26.474	319.96	0		
"2014-08-05	20:00:00"	8.9	171.6	16.85	18.89	5.372	173	21.92	13.52	90.7	90.9	-0.245	21.98	23.15	26.465	166.18	0		
"2014-08-05	21:00:00"	6.801	169.4	6.788	10.54	3.089	166.4	15.11	6.368	87.5	85.9	1.578	24.51	27.51	26.455	31.011	0		
"2014-08-05	22:00:00"	7.178	160.2	5.328	8.75	2.57	146.7	14.49	3.982	81.9	78.33	3.607	28.16	33.2	26.439	0.01862	0		
"2014-08-05	23:00:00"	7.272	154.6	4.42	8.75	2.617	133.4	12.14	3.982	79.17	75.21	3.96	31.22	36.54	26.432	0	0		
"2014-08-06	00:00:00"	7.713	150	5.367	10.54	3.03	135.9	14.82	5.175	77.05	74.17	2.882	35.61	39.92	26.43	0	0		
"2014-08-06	01:00:00"	7.127	158.9	6.092	8.75	2.681	148.2	15.35	4.578	75.69	72.7	2.989	39.03	43.77	26.424	0	0		
"2014-08-06	02:00:00"	5.328	170.2	7.178	8.16	1.411	163	21.44	3.386	73.95	71.05	2.899	43.16	47.57	26.414	0	0		
"2014-08-06	03:00:00"	5.327	177.2	11.8	7.561	1.483	179	24.94	2.789	72.57	69.63	2.944	45.97	50.08	26.396	0	0		
"2014-08-06	04:00:00"	5.601	180.7	8.73	8.16	1.846	166.3	25.48	2.789	71.72	68.68	3.042	48.8	52.69	26.381	0	0		
"2014-08-06	05:00:00"	5.108	176.5	13.57	6.964	1.132	160.2	34.05	2.193	70.64	67.65	2.988	51.48	55.03	26.376	0	0		
"2014-08-06	06:00:00"	4.131	174.3	9.37	5.771	1.005	155.4	17.28	1.596	69.91	67.3	2.603	53.73	56.33	26.377	0	0		
"2014-08-06	07:00:00"	3.052	162.7	17.2	6.368	1.031	102.1	82.9	2.193	68.4	66.24	2.166	58.7	59.82	26.373	0.03324	0		
"2014-08-06	08:00:00"	3.802	173.6	9.68	6.964	1.238	170.6	23	4.578	69.23	67.72	1.511	60.55	60.63	26.381	45.651	0		
"2014-08-06	09:00:00"	9.35	167.5	9.48	17.7	5.536	167.8	18.25	11.74	74.67	75.21	-0.542	55.82	54.47	26.413	195.68	0		
"2014-08-06	10:00:00"	13.86	178.4	11.75	19.49	8.46	179.9	19.24	14.72	79.79	80.8	-1.054	47.56	47.44	26.448	388.84	0		
"2014-08-06	11:00:00"	12.57	195.7	14.79	19.49	8.12	197.4	19.68	13.52	84	85.4	-1.329	40.5	41.19	26.466	569.79	0		
"2014-08-06	12:00:00"	11.13	186.3	15.26	17.1	7.466	186.1	21.3	14.12	87.8	89.2	-1.392	35.02	35.93	26.478	730.5	0		
"2014-08-06	13:00:00"	9.44	185.1	24.2	16.51	6.473	186.2	29.15	14.12	91.9	93.4	-1.508	27.98	28.87	26.48	838.14	0		
"2014-08-06	14:00:00"	7.63	174.7	45.48	16.51	5.504	173.8	52.97	12.93	95.3	96.5	-1.201	21.79	22.91	26.475	893.38	0		
"2014-08-06	15:00:00"	6.785	154.4	45.82	16.51	4.975	153.3	57.08	12.93	97.9	98.7	-0.763	19.97	21.49	26.461	927.69	0		
"2014-08-06	16:00:00"	7.889	171.8	49.85	17.1	5.64	174	57.21	13.52	97.8	99.1	-1.302	19.9	20.93	26.445	829.56	0		
"2014-08-06	17:00:00"	8.14	180.3	39.34	20.09	5.578	180.4	46.35	12.93	98.5	99.9	-1.443	19.14	20.03	26.427	759.31	0		
"2014-08-06	18:00:00"	7.028	218.8	54.42	17.7	5.114	219.3	51.09	12.33	98.4	99.4	-0.993	18.4	19.54	26.413	585.17	0		
"2014-08-06	19:00:00"	7.989	217.2	36.51	15.31	5.839	219.3	39.99	12.93	97.2	98	-0.835	18.88	20.05	26.398	395.18	0		
"2014-08-06	20:00:00"	9.39	158.6	15.72	14.12	5.617	159.7	22.52	10.54	95.4	95.7	-0.313	20.36	21.76	26.382	147.71	0		
"2014-08-06	21:00:00"	8.81	150.3	9.47	13.52	4.898	150.4	18.17	8.75	92.6	91.8	0.765	22.81	24.89	26.379	19.618	0		
"2014-08-06	22:00:00"	8.52	146.1	7.811	13.52	4.362	144.7	16.73	8.75	89.1	88.1	0.931	25.78	27.94	26.376	0	0		
"2014-08-06	23:00:00"	9.06	152.2	8.49	14.12	4.963	151.3	17.57	9.95	87.5	86.8	0.741	27.48	29.44	26.389	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-07	00:00:00"	7.493	155.3	8.91	11.74	3.939	153.2	17.63	7.561	84.8	83.8	0.991	31.02	33.34	26.399	0	0		
"2014-08-07	01:00:00"	9.5	173.2	10.21	14.12	5.199	174.5	18.13	8.75	83.4	82.5	0.911	33.23	35.52	26.402	0	0		
"2014-08-07	02:00:00"	7.379	173.9	8.98	11.74	3.742	174.1	17.83	8.16	80.7	79.57	1.14	36.84	39.55	26.394	0	0		
"2014-08-07	03:00:00"	7.193	180	9.5	12.93	3.812	182	18.05	8.16	79.92	78.87	1.047	38.62	41.4	26.379	0	0		
"2014-08-07	04:00:00"	6.863	193	9.73	10.54	3.812	192.8	16.55	8.16	79.39	78.6	0.796	40.33	42.66	26.372	0	0		
"2014-08-07	05:00:00"	6.774	199.5	11.15	11.14	3.731	200.2	16.86	6.964	77.43	76.42	1.013	44.23	46.31	26.364	0	0		
"2014-08-07	06:00:00"	6.579	194.8	8.01	9.95	3.49	193.8	15	6.368	76.36	75.32	1.043	48.34	50.01	26.359	0	0		
"2014-08-07	07:00:00"	4.937	171.3	9.66	9.35	1.636	166.1	25.77	3.982	73.62	71.76	1.854	54.45	56.55	26.349	0.00933	0		
"2014-08-07	08:00:00"	4.708	167	16.6	6.964	2.014	165.2	28.95	4.578	73.98	72.97	1.018	56.12	57.03	26.344	32.904	0		
"2014-08-07	09:00:00"	4.648	209.6	26.85	8.16	3.148	210.8	29.05	6.368	76.75	77.28	-0.526	53.62	52.86	26.359	176.52	0		
"2014-08-07	10:00:00"	7.8	205.7	13.8	12.33	5.46	205.9	18.35	9.35	81.7	82.6	-0.99	45.33	45.67	26.383	385.75	0		
"2014-08-07	11:00:00"	5.701	219	40.89	11.14	4.279	220.9	45.99	9.35	87.2	87.9	-0.662	36.9	38.69	26.397	568.92	0		
"2014-08-07	12:00:00"	3.789	203.8	70.84	9.95	3.065	209.7	74.42	8.16	94.1	94.1	0.052	29.26	32.1	26.42	732	0		
"2014-08-07	13:00:00"	5.769	201.4	45.8	12.33	4.418	204.8	48.34	10.54	95.9	96.2	-0.304	27.22	29.41	26.429	837.92	0		
"2014-08-07	14:00:00"	6.694	164.6	44.02	15.31	4.849	163.4	52.7	11.74	98.3	99.2	-0.937	22.17	23.73	26.419	904.52	0		
"2014-08-07	15:00:00"	9.13	172	36.72	18.3	6.378	174.1	41.97	16.51	99.4	101.2	-1.769	19.34	20.09	26.402	940.89	0		
"2014-08-07	16:00:00"	11.33	150.6	23.2	21.28	7.281	149.7	30.26	18.3	99	101.1	-2.098	19.59	20.1	26.385	751.42	0		
"2014-08-07	17:00:00"	13.11	152.7	18.77	26.65	8.18	152.5	27.66	17.7	98.2	100.1	-1.879	20.32	20.97	26.363	558.81	0		
"2014-08-07	18:00:00"	12.71	158.3	17.21	24.86	7.839	159.5	24.61	17.7	98.2	99.6	-1.354	19.18	20.11	26.349	519.66	0		
"2014-08-07	19:00:00"	13.65	161.7	10.04	20.68	8.15	162.4	19.14	15.31	97.3	98.4	-1.152	19.27	20.24	26.34	341.77	0		
"2014-08-07	20:00:00"	11.94	158.5	9.59	19.49	6.87	159.3	18.96	13.52	94.6	94.6	0.018	20.65	22.09	26.333	49.563	0		
"2014-08-07	21:00:00"	9.51	178.5	80.7	24.26	6.28	181.5	83	18.89	91	90.8	0.203	26.28	27.9	26.342	4.8646	0		
"2014-08-07	22:00:00"	12.15	4.368	21.96	26.05	8.55	2.125	23.78	23.07	83.4	83.7	-0.262	41.65	42.96	26.346	0	0		
"2014-08-07	23:00:00"	6.593	58.29	16.39	9.95	3.885	59.28	24.47	6.964	81.2	80.9	0.285	47.02	48.27	26.349	0	0		
"2014-08-08	00:00:00"	3.73	5.196	51.14	8.16	2.294	351.6	64.59	4.578	80.2	79.7	0.496	48.24	49.75	26.362	0	0		
"2014-08-08	01:00:00"	2.946	41.17	76.08	5.175	1.121	45.84	73.8	2.789	80	78.72	1.326	48.72	51.61	26.364	0	0		
"2014-08-08	02:00:00"	2.478	161.1	75.42	5.771	1.288	92.4	81.1	3.386	80.2	77.88	2.307	44.2	49.2	26.363	0	0		
"2014-08-08	03:00:00"	3.674	65.9	87	8.75	2.226	47.58	40.99	6.964	78.56	76.51	2.05	44.53	48.81	26.364	0	0		
"2014-08-08	04:00:00"	8.32	32.51	16.8	11.74	4.847	31.17	21.22	9.35	74.21	73.79	0.421	56.76	56.44	26.353	0	0		
"2014-08-08	05:00:00"	7.951	41.25	9.77	11.74	4.211	37.35	13.02	6.964	73.22	72.9	0.322	59.13	58.27	26.343	0	0		
"2014-08-08	06:00:00"	8.31	54.69	9.31	11.14	4.868	51.24	15.85	8.16	72.33	71.83	0.504	60.57	59.76	26.341	0	0		
"2014-08-08	07:00:00"	8.57	64.71	8.44	11.74	4.948	63.13	17.1	8.16	70.85	70.15	0.702	62.6	61.69	26.337	0.02407	0		
"2014-08-08	08:00:00"	8.6	64.63	8.46	11.74	5.207	61.12	15.94	8.75	70.5	70.04	0.459	63.13	61.83	26.345	33.683	0		
"2014-08-08	09:00:00"	8.23	88.4	12.53	12.33	5.267	84.3	20.67	8.75	74.96	75.62	-0.662	54.37	53.74	26.365	201.23	0		
"2014-08-08	10:00:00"	10.18	129.9	16.8	15.91	6.243	128	25.55	12.33	81.5	83	-1.506	41.52	42.13	26.4	403.47	0		
"2014-08-08	11:00:00"	10.45	145.9	15.21	14.72	6.388	146.6	23.88	11.14	84.3	86	-1.685	37.91	38.57	26.425	498.89	0		
"2014-08-08	12:00:00"	10.26	148.7	17.28	17.1	6.662	149	26.61	12.93	88.8	90.5	-1.698	32.92	33.69	26.442	767.18	0		
"2014-08-08	13:00:00"	11.98	161.5	23.03	21.87	7.669	162.7	30.32	17.1	92.3	94.3	-2.006	27.54	28.1	26.449	860.24	0		
"2014-08-08	14:00:00"	13.21	161.6	21.81	25.45	8.45	162.6	29.24	17.7	93.9	96.1	-2.191	24.74	25.11	26.445	908.96	0		
"2014-08-08	15:00:00"	13.06	155.3	23.78	23.66	8.28	153.7	30.95	15.91	95.6	97.8	-2.184	19.93	20.19	26.435	918.54	0		
"2014-08-08	16:00:00"	12.97	170.3	23.64	23.07	8.35	171.9	29.37	17.1	96.1	98.2	-2.104	18.48	18.66	26.424	891.99	0		
"2014-08-08	17:00:00"	11.35	167.1	24.82	23.66	7.435	166.2	30.64	16.51	95.7	97.3	-1.668	18.67	19.06	26.404	647.51	0		
"2014-08-08	18:00:00"	10.25	167.6	23.27	19.49	6.809	168.8	29.09	12.93	95.9	97.2	-1.24	18.33	18.96	26.382	538.41	0		
"2014-08-08	19:00:00"	8.23	157	40.92	19.49	5.24	159.3	43.58	11.14	96.3	97.3	-0.981	17.85	18.73	26.375	404.61	0		
"2014-08-08	20:00:00"	10.98	154.5	18.26	22.47	6.573	156.6	25.61	13.52	94.2	94.7	-0.549	22.29	23.43	26.367	193.22	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-08	21:00:00"	8.58	141.3	8.79	15.91	4.606	140.2	17.64	11.14	90.8	89.9	0.869	25.41	27.63	26.364	19.428		0	
"2014-08-08	22:00:00"	8.02	136	6.635	11.74	4.001	132.6	15.53	8.16	87.2	85.9	1.386	29	31.75	26.366	0.00019		0	
"2014-08-08	23:00:00"	7.469	143.4	6.56	9.95	3.492	138.7	15.2	5.771	84.6	82.9	1.624	31.16	34.23	26.374	0		0	
"2014-08-09	00:00:00"	7.42	150.9	7.998	11.14	3.707	147.4	18.07	7.561	83.7	82.6	1.073	31.43	33.91	26.378	0		0	
"2014-08-09	01:00:00"	9.27	164.1	10.17	16.51	5.179	163.6	18.93	11.74	83.6	83	0.648	32.2	34.14	26.386	0		0	
"2014-08-09	02:00:00"	11.94	179.5	10.55	18.89	7.073	182.9	18.21	13.52	83.7	83.4	0.348	33.55	35.24	26.389	0		0	
"2014-08-09	03:00:00"	5.661	195.2	52.7	13.52	3.426	195.5	60.83	8.75	81.8	81.4	0.482	36.22	38.2	26.392	0		0	
"2014-08-09	04:00:00"	7.508	113.3	49.72	16.51	4.515	108.1	54.02	11.74	81.2	80.3	0.887	37.55	40.03	26.389	0		0	
"2014-08-09	05:00:00"	6.057	71.5	18.48	11.74	3.501	71.2	26.04	7.561	78.47	77.75	0.72	45.88	47.45	26.389	0		0	
"2014-08-09	06:00:00"	7.421	61	17.5	10.54	4.312	55.7	22.38	8.16	74.03	73.6	0.436	58.07	57.57	26.381	0		0	
"2014-08-09	07:00:00"	9.75	82.1	10.24	14.12	5.727	79.07	19.32	9.95	71.24	70.77	0.477	62.02	60.81	26.371	0.00709		0	
"2014-08-09	08:00:00"	10.04	90	8.24	15.31	6.158	87.8	17.46	11.14	71.16	70.74	0.414	59.5	58.49	26.372	32.162		0	
"2014-08-09	09:00:00"	8.87	100.5	13.37	12.93	5.967	96.7	21.06	10.54	75.13	75.85	-0.718	55.22	53.99	26.395	195.3		0	
"2014-08-09	10:00:00"	9.72	145.6	17.45	16.51	6.192	146.3	25.31	12.33	79	80.5	-1.544	53.07	51.33	26.426	393.51		0	
"2014-08-09	11:00:00"	11.32	153.7	14.39	17.7	7.104	153.6	22.37	12.93	83.2	84.9	-1.671	46.97	46.3	26.443	579.04		0	
"2014-08-09	12:00:00"	12.07	168.7	16.29	20.09	7.651	171	23.34	15.31	87.8	89.6	-1.799	36.96	37.57	26.466	740.92		0	
"2014-08-09	13:00:00"	11.32	164.9	23.76	20.09	7.399	162.7	30.73	14.72	90.6	92.5	-1.933	31.75	32.26	26.476	850		0	
"2014-08-09	14:00:00"	11.03	157.6	23.39	22.47	7.055	158.6	31.26	16.51	93.4	95.5	-2.167	26.17	26.54	26.467	914.28		0	
"2014-08-09	15:00:00"	11.54	159.8	32.76	27.84	7.718	159.8	39.64	21.28	94.8	96.8	-1.968	22.11	22.52	26.452	865.17		0	
"2014-08-09	16:00:00"	10.89	158.9	34.33	24.86	7.149	157.2	41.8	15.31	95.9	97.5	-1.666	19.08	19.64	26.443	762.08		0	
"2014-08-09	17:00:00"	9.92	160.9	34.31	21.28	6.598	163.8	39.7	15.31	96.8	98.5	-1.657	17.18	17.64	26.426	745.74		0	
"2014-08-09	18:00:00"	9.7	171.8	30.86	18.89	6.305	173.1	37.78	14.12	95.2	96	-0.866	17.49	18.35	26.415	383.28		0	
"2014-08-09	19:00:00"	8.95	155.1	21.75	17.7	5.722	155.2	29.57	11.14	95.2	96	-0.851	17.5	18.4	26.402	352.3		0	
"2014-08-09	20:00:00"	9.98	155.9	16.48	18.3	5.859	157.4	23.87	12.33	93.3	93.4	-0.156	19.13	20.25	26.398	122.38		0	
"2014-08-09	21:00:00"	8.49	255.6	23.58	15.91	6.029	250.8	23.69	11.74	88.6	88.2	0.414	28.44	30.21	26.397	11.626		0	
"2014-08-09	22:00:00"	6.893	309.3	18.18	11.74	4.975	307.9	20.18	9.95	85.4	85.1	0.283	34.76	36.66	26.412	0		0	
"2014-08-09	23:00:00"	5.173	321.9	29.58	8.16	3.275	311	42.87	6.368	82.6	81.2	1.34	39.35	42.34	26.419	0		0	
"2014-08-10	00:00:00"	4.188	279.5	85.4	11.14	2.507	269.5	89	6.964	80.6	78.45	2.114	43.94	47.36	26.423	0		0	
"2014-08-10	01:00:00"	3.482	128.5	48.88	8.75	1.795	100.1	55.68	4.578	77.02	75.14	1.887	48.05	51.02	26.422	0		0	
"2014-08-10	02:00:00"	7.93	162.9	24.04	14.12	4.008	159.1	36.38	8.75	77.1	75.55	1.547	49.13	51.49	26.416	0		0	
"2014-08-10	03:00:00"	6.386	169.7	10.41	9.35	2.653	166.7	18.4	5.175	75.84	74.08	1.759	52.25	54.72	26.41	0		0	
"2014-08-10	04:00:00"	5.815	165.9	7.965	8.16	1.907	163.2	15.77	4.578	74.15	72.05	2.097	56.38	58.68	26.4	0		0	
"2014-08-10	05:00:00"	6.101	164.1	6.805	8.75	2.161	158.8	15.02	4.578	72.82	70.68	2.142	60.9	62.68	26.395	0		0	
"2014-08-10	06:00:00"	6.053	156.8	6.293	8.16	2.069	146.1	14.88	3.982	71.72	69.55	2.172	65.36	66.65	26.394	0		0	
"2014-08-10	07:00:00"	5.478	153.6	5.237	6.964	1.286	122.9	12.03	2.789	71.16	68.42	2.737	67.46	69.37	26.4	0.01288		0	
"2014-08-10	08:00:00"	3.963	155	12.83	6.368	1	148.7	41.69	1	71.06	69.1	1.97	67.92	68.75	26.413	31.482		0	
"2014-08-10	09:00:00"	6.276	158.7	14.55	12.93	3.749	160.4	21.82	8.75	75.68	76.83	-1.147	60.11	57.79	26.442	192.35		0	
"2014-08-10	10:00:00"	9.15	177.5	15.06	15.31	5.902	179.1	22.35	11.14	79.36	80.8	-1.448	53.52	52.08	26.482	391.3		0	
"2014-08-10	11:00:00"	12.11	187	14.4	20.09	7.813	190.1	19.92	14.72	83.2	84.5	-1.369	43.75	43.96	26.503	574.05		0	
"2014-08-10	12:00:00"	10.59	182	20.63	18.89	6.926	184.8	25.3	13.52	86.1	87.7	-1.567	37.08	37.74	26.525	736.5		0	
"2014-08-10	13:00:00"	10.03	161.8	28.04	21.28	6.823	164	36.55	15.91	88.3	90	-1.662	32.64	33.21	26.538	843.35		0	
"2014-08-10	14:00:00"	9.85	165.8	29.79	20.68	6.503	166	35.75	15.31	90.8	92.7	-1.953	28.59	28.99	26.537	877.53		0	
"2014-08-10	15:00:00"	8.5	104.9	29.3	21.28	6.159	105	36.8	14.72	92.8	94.5	-1.761	24.7	25.54	26.526	766.99		0	
"2014-08-10	16:00:00"	9.26	117.4	29.56	20.68	6.388	115.2	37.91	14.72	92.6	94.2	-1.564	23.75	24.52	26.513	656.29		0	
"2014-08-10	17:00:00"	10.76	104.7	24.22	22.47	7.341	102.3	31.6	16.51	93.6	95.5	-1.918	22.47	23.1	26.493	687.78		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-10	18:00:00"	11.11	96.9	25.06	20.68	7.462	95.6	32.04	15.31	93.7	95.1	-1.368	21.37	22.19	26.469	519.49	0		
"2014-08-10	19:00:00"	12.1	91.5	17.31	20.68	7.95	88.9	26.03	15.31	92.7	93.8	-1.081	22.16	23.14	26.453	352.54	0		
"2014-08-10	20:00:00"	11.83	104.4	12.88	20.09	7.776	103.4	20.44	15.31	91.2	91.4	-0.153	23.02	24.34	26.45	106.54	0		
"2014-08-10	21:00:00"	14.1	130.9	18.19	22.47	8.55	130.7	23.97	16.51	87.8	87.6	0.251	31.24	32.97	26.455	18.51	0		
"2014-08-10	22:00:00"	11.76	137.4	9.08	19.49	6.807	135.6	17.51	14.72	84.5	84.1	0.456	39.36	41.79	26.467	0	0		
"2014-08-10	23:00:00"	8.51	83.4	38.68	15.91	4.919	76.82	41.37	9.95	82.7	82.1	0.589	40.77	43.22	26.492	0	0		
"2014-08-11	00:00:00"	9.13	80.4	14.55	15.31	5.565	77.64	21.54	11.74	81.1	80.7	0.385	45.96	47.43	26.516	0	0		
"2014-08-11	01:00:00"	9.94	102.9	12.03	17.1	6.396	101.4	19.78	14.12	80.1	79.8	0.286	46.8	47.97	26.529	0	0		
"2014-08-11	02:00:00"	8.45	96.3	8.67	12.93	5.545	93.4	17.07	9.35	78.1	77.72	0.382	52.61	53.13	26.522	0	0		
"2014-08-11	03:00:00"	6.114	91.8	10.4	9.35	3.354	86.8	17.78	5.771	75.29	74.37	0.92	58.23	58.75	26.503	0	0		
"2014-08-11	04:00:00"	6.002	78.6	10.35	8.16	3.158	72.17	18.75	6.368	73.62	72.61	1.008	60.53	60.77	26.49	0	0		
"2014-08-11	05:00:00"	11.54	34.34	10.17	20.68	6.716	29.47	12.97	14.72	73.02	73	0.018	62.84	61.09	26.503	0	0		
"2014-08-11	06:00:00"	15.46	31	10.42	23.07	9.25	26.45	12.77	17.1	72.17	72.36	-0.188	66.79	64.12	26.518	0	0		
"2014-08-11	07:00:00"	14.52	27.01	9.84	22.47	9.14	23.46	13.2	18.89	70.19	70.41	-0.225	75.29	71.22	26.521	0	0		
"2014-08-11	08:00:00"	14.33	26.34	9.4	21.87	8.99	23.8	13.12	18.3	69.07	69.33	-0.256	77.4	72.95	26.528	32.89	0		
"2014-08-11	09:00:00"	15.99	35.57	10.01	25.45	8.94	30.95	13.04	17.7	70.23	70.63	-0.398	71.67	68.12	26.532	111.32	0		
"2014-08-11	10:00:00"	17.46	36.85	10.93	26.05	9.84	31.43	14.19	20.09	72.27	73.26	-0.986	69.23	65.62	26.548	354.55	0		
"2014-08-11	11:00:00"	15.33	56.92	14.76	22.47	9.29	52.46	20.65	19.49	76.28	77.9	-1.623	61.18	58.54	26.567	567.82	0		
"2014-08-11	12:00:00"	11.81	72.11	17.93	19.49	7.671	67.43	24.23	15.31	81	82.8	-1.861	49.32	48.68	26.592	617.87	0		
"2014-08-11	13:00:00"	9.97	85.6	25.52	18.89	7.047	82.8	32.99	13.52	85.3	87.5	-2.184	40.69	41.21	26.606	884.3	0		
"2014-08-11	14:00:00"	7.698	50.57	42.25	16.51	5.393	46.45	47.41	12.93	88.5	90.6	-2.108	35.41	36.69	26.599	875.47	0		
"2014-08-11	15:00:00"	11.32	61.25	21.45	20.09	7.226	56.5	28.72	13.52	87.5	89.2	-1.718	36	37.15	26.584	472.89	0		
"2014-08-11	16:00:00"	11.79	66.31	20.16	20.68	7.686	60.59	26.94	17.1	89.5	91.9	-2.348	34.31	35.12	26.567	926.93	0		
"2014-08-11	17:00:00"	12.71	85	18.09	23.07	8.48	82	25.61	15.91	88.3	90	-1.687	35.25	36.24	26.548	450.68	0		
"2014-08-11	18:00:00"	12.46	127.1	39.15	27.84	8.09	127.7	43.29	20.68	87	88	-1.015	36.49	37.44	26.535	208.45	0		
"2014-08-11	19:00:00"	12	247.1	52.4	25.45	8.19	247.7	52.69	15.91	74.45	74.14	0.312	67.55	68.64	26.535	12.118	0		
"2014-08-11	20:00:00"	9.28	313.7	15.72	15.31	7.268	312.4	17.59	12.33	71.7	71.87	-0.172	78.21	76.06	26.493	20.634	0		
"2014-08-11	21:00:00"	7.032	28.33	15.66	11.74	4.209	26.81	17.79	8.16	73.8	73.7	0.1	72.92	71.47	26.5	4.683	0		
"2014-08-11	22:00:00"	7.737	62.1	15.85	12.33	4.521	58.28	21.81	8.16	76.03	75.68	0.35	63.77	64.06	26.516	0	0		
"2014-08-11	23:00:00"	7.985	83.4	10.4	13.52	4.826	79.59	19.66	9.35	76.24	75.97	0.268	61.83	61.89	26.538	0	0		
"2014-08-12	00:00:00"	8.01	73.3	12.2	12.33	4.869	68.32	19.86	8.16	76.17	75.91	0.258	60.92	60.92	26.547	0	0		
"2014-08-12	01:00:00"	8.17	80.1	9.42	14.72	4.874	77.48	19.58	11.74	75.33	75.11	0.223	62.75	62.22	26.55	0	0		
"2014-08-12	02:00:00"	5.645	53.19	18.22	9.35	3.232	46.9	22.55	7.561	74.53	74.27	0.257	65.82	64.82	26.553	0	0		
"2014-08-12	03:00:00"	4.227	62.76	16.44	6.964	2.291	66.4	23.67	5.175	72.74	72.18	0.559	70.38	69.07	26.54	0	0		
"2014-08-12	04:00:00"	3.79	28.75	28.58	6.964	2.178	25.15	32.59	3.982	72.3	72.18	0.127	76.03	73.13	26.533	0	0		
"2014-08-12	05:00:00"	3.399	332.9	49.37	5.771	2.029	327.9	45.68	4.578	71.76	71.71	0.046	78.73	75.6	26.533	0	0		
"2014-08-12	06:00:00"	4.491	352.8	21.95	8.16	3.129	347.2	23.83	6.368	71.17	71.23	-0.06	80.3	76.68	26.531	0	0		
"2014-08-12	07:00:00"	6.556	39.25	15.65	11.74	3.845	35.81	18.45	9.35	70.75	70.66	0.093	76.75	73.67	26.533	0	0		
"2014-08-12	08:00:00"	7.319	51.44	12.42	11.74	4.206	47.13	18.12	8.16	70.2	70.13	0.072	77.98	74.53	26.541	23.466	0		
"2014-08-12	09:00:00"	8.53	88.7	20.19	13.52	5.653	85.1	25.83	10.54	71.97	72.4	-0.425	72.61	69.5	26.557	104.67	0		
"2014-08-12	10:00:00"	7.481	126.5	18.52	11.14	5.049	126.4	25.43	9.35	75.65	76.91	-1.26	63.82	61.06	26.577	375.85	0		
"2014-08-12	11:00:00"	5.888	141.9	48.75	11.74	4.217	143.1	57.27	11.14	81.6	83.3	-1.72	50.71	49.67	26.6	678.04	0		
"2014-08-12	12:00:00"	4.359	159.4	72.02	10.54	3.434	158	78.01	8.75	87.4	88.1	-0.684	41.14	43.18	26.621	837.68	0		
"2014-08-12	13:00:00"	4.701	205.9	72.11	12.93	3.584	210.5	73.3	10.54	88	89	-1.041	39.42	40.98	26.617	811.09	0		
"2014-08-12	14:00:00"	6.124	32.67	82.1	20.09	4.341	21.08	82.5	14.72	86.3	87.2	-0.922	39.97	42.21	26.599	263.71	0.01		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-12	15:00:00"	9.16	247.8	75.11	20.68	6.455	248.8	75.09	15.31	81	80.6	0.4	53.3	59.68	26.553	390.37	0.01		
"2014-08-12	16:00:00"	13.64	106.1	14.95	25.45	9.13	102.6	22.6	19.49	82.7	84.2	-1.562	46.61	47.47	26.533	691.82	0		
"2014-08-12	17:00:00"	9.07	132	25.14	15.91	6.203	129.9	31.92	12.33	88.1	90.1	-2.009	36.67	37.68	26.526	750.95	0		
"2014-08-12	18:00:00"	8.52	142.3	17.77	15.91	5.545	142.5	27.19	11.14	87.2	88.4	-1.19	37.52	39.07	26.513	316.47	0		
"2014-08-12	19:00:00"	11.79	124	15.56	27.24	7.612	122.2	22.44	17.1	85.9	87	-1.126	40.92	42.15	26.501	317.15	0		
"2014-08-12	20:00:00"	7.589	153.4	14.8	12.33	4.604	155	22.19	9.95	84.7	84.9	-0.139	41.71	43.92	26.492	46.281	0		
"2014-08-12	21:00:00"	5.691	153.9	7.507	8.16	2.895	154.5	16.76	6.368	83.4	82.7	0.686	45.08	47.85	26.487	4.8756	0		
"2014-08-12	22:00:00"	5.868	116.4	11.3	8.75	3.297	109.9	18.93	7.561	81.8	81	0.803	48.95	51.27	26.5	0	0		
"2014-08-12	23:00:00"	9.7	135.8	11.09	23.66	5.597	134.3	18.68	16.51	80.6	80.3	0.293	51.93	52.9	26.52	0	0		
"2014-08-13	00:00:00"	12.91	178.8	10.65	20.09	7.58	180.2	18.76	16.51	75.96	75.91	0.049	65.67	64.23	26.528	0	0		
"2014-08-13	01:00:00"	6.913	187.9	10.18	15.91	3.928	188.6	18.07	11.74	73.9	73.64	0.256	70.66	68.73	26.517	0	0		
"2014-08-13	02:00:00"	4.425	144.4	19.77	5.771	1.129	111.5	31.11	2.789	71.47	70.04	1.435	76.18	74.85	26.498	0	0		
"2014-08-13	03:00:00"	4.142	122	8.89	5.771	1	86.6	13.45	1	70.44	68.85	1.595	78.21	76.67	26.479	0	0		
"2014-08-13	04:00:00"	5.109	83.2	18.51	6.964	1.738	70.43	19.17	3.982	69.93	68.31	1.618	78.77	77.5	26.465	0	0		
"2014-08-13	05:00:00"	4.3	76.18	8.96	6.368	2.067	52.88	42.7	4.578	69.65	68.02	1.63	78.2	77.36	26.465	0	0		
"2014-08-13	06:00:00"	3.63	63.29	25.98	6.368	1.644	31.21	49.35	3.982	69.2	67.37	1.828	78.8	78.3	26.468	0	0		
"2014-08-13	07:00:00"	4.301	53.58	11.04	6.368	2.089	57.35	28.88	3.982	69.26	67.01	2.247	78.63	78.91	26.47	0.03398	0		
"2014-08-13	08:00:00"	6.193	68.6	6.289	7.561	3.354	68.85	15.75	5.771	69.1	67.77	1.33	78.39	77.26	26.483	23.768	0		
"2014-08-13	09:00:00"	7.214	94.3	16.45	13.52	4.649	90.7	23.72	11.14	71.33	72.13	-0.8	73.57	69.95	26.505	163.34	0		
"2014-08-13	10:00:00"	11.7	143.7	14.42	18.89	7.21	144.7	22.41	12.93	76.14	77.71	-1.572	61.26	58.6	26.53	384.14	0		
"2014-08-13	11:00:00"	12.06	162.1	13.58	18.3	7.31	162.7	21.45	12.93	79.56	81.4	-1.843	54.16	52.18	26.55	569.62	0		
"2014-08-13	12:00:00"	10.25	162.9	21.14	17.1	6.751	163.5	29.38	12.93	82.8	84.7	-1.926	48.05	47.05	26.564	730.58	0		
"2014-08-13	13:00:00"	9.98	166.7	24.93	19.49	6.715	169.4	32.11	13.52	86	87.8	-1.807	40.59	40.99	26.564	841.29	0		
"2014-08-13	14:00:00"	10.51	154.9	22.97	20.09	6.963	154.3	30.56	13.52	88.5	90.5	-2.081	33.83	34.29	26.556	893.91	0		
"2014-08-13	15:00:00"	11.37	147.2	23.76	18.89	7.285	145.6	32.15	15.91	90.8	93.3	-2.459	27.91	28.12	26.544	892.85	0		
"2014-08-13	16:00:00"	12.19	141.4	23.45	21.28	7.952	139.9	31.98	15.91	91.5	93.7	-2.218	24.09	24.33	26.528	802.34	0		
"2014-08-13	17:00:00"	11.76	146.9	22.31	21.28	7.612	147	29.94	15.31	92.2	94.3	-2.152	22.24	22.47	26.508	703.23	0		
"2014-08-13	18:00:00"	12.08	150	17.85	22.47	7.631	149.3	25.69	15.31	92.4	94.1	-1.719	21.46	21.84	26.498	569.39	0		
"2014-08-13	19:00:00"	11.34	153.2	17.97	26.05	7.022	154.6	26.36	21.87	91.8	93.1	-1.29	21.64	22.3	26.489	378.35	0		
"2014-08-13	20:00:00"	10.34	159.1	13.6	18.89	6.153	160.6	20.89	12.33	90.6	91.1	-0.481	23.36	24.5	26.48	154.74	0		
"2014-08-13	21:00:00"	8.79	154.5	14.06	14.72	4.861	154.9	20.78	10.54	87.9	87.2	0.653	27.07	29.17	26.474	15.549	0		
"2014-08-13	22:00:00"	8.64	139	7.067	12.93	4.8	137.1	15.79	8.16	84.8	83.9	0.922	32.39	34.83	26.476	0	0		
"2014-08-13	23:00:00"	8.02	135.8	7.826	11.74	4.077	130.6	16.02	6.964	81.8	80.5	1.305	36.52	39.58	26.478	0	0		
"2014-08-14	00:00:00"	7.449	140.4	6.543	9.35	3.395	134.8	15.1	5.175	79.05	77.39	1.66	40.52	43.9	26.473	0	0		
"2014-08-14	01:00:00"	8.15	146.7	7.769	11.14	3.956	141.9	15.9	6.964	77.24	75.86	1.374	44.09	46.7	26.466	0	0		
"2014-08-14	02:00:00"	6.819	157.4	8.16	9.35	2.83	148.8	17.04	5.771	75.18	73.19	1.994	49.75	52.39	26.454	0	0		
"2014-08-14	03:00:00"	5.392	149.6	5.878	6.368	1.34	125.2	12.1	2.789	73.3	70.43	2.864	55.76	58.84	26.437	0	0		
"2014-08-14	04:00:00"	6.049	157	7.342	7.561	1.794	134.9	14.84	3.386	71.86	68.63	3.227	59.27	62.49	26.422	0	0		
"2014-08-14	05:00:00"	7.269	139.1	5.206	9.95	3.108	120.7	13.04	5.175	70.51	67.92	2.591	62.82	64.85	26.421	0	0		
"2014-08-14	06:00:00"	4.46	180.1	28.86	8.75	1.782	176.1	57.83	5.771	69.25	67.14	2.114	66.7	67.57	26.421	0	0		
"2014-08-14	07:00:00"	3.336	158.3	27.06	5.175	1.111	94.7	37.34	3.982	68.47	66.15	2.32	68.9	69.69	26.42	0	0		
"2014-08-14	08:00:00"	4.891	163.3	14.32	8.16	1.684	160.1	31	5.771	68.17	66.27	1.897	70.78	70.59	26.43	28.853	0		
"2014-08-14	09:00:00"	7.462	169.9	11.86	13.52	4.384	170.2	19.96	10.54	72.98	73.89	-0.919	63.36	60.38	26.45	192.65	0		
"2014-08-14	10:00:00"	14.38	179.5	10.44	21.28	8.72	181.2	18.44	15.91	77.86	79.04	-1.181	52.57	51.58	26.484	396.73	0		
"2014-08-14	11:00:00"	16.09	179.9	12.59	22.47	9.87	180.7	20.27	17.1	81.6	83	-1.398	45.48	45.34	26.504	570.61	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-14	12:00:00"	14.47	179.5	15.85	21.28	9.19	179.9	22.58	17.1	84.9	86.7	-1.759	38.25	38.73	26.514	745.97	0		
"2014-08-14	13:00:00"	14.18	174.2	18.34	24.86	9.01	174.8	24.47	17.7	88	90	-2.02	28.95	29.33	26.516	855.94	0		
"2014-08-14	14:00:00"	13.29	168.9	19.9	30.22	8.39	169.5	26.81	16.51	89.8	92	-2.189	24.08	24.18	26.505	870.29	0		
"2014-08-14	15:00:00"	10.97	166.7	31.91	23.66	7.263	167.7	40.05	18.89	91.7	93.7	-1.979	21.86	22	26.493	922.1	0		
"2014-08-14	16:00:00"	10.46	153.1	26.53	20.09	6.885	152.7	33.62	15.91	93.1	95.2	-2.112	19.89	19.95	26.478	881.33	0		
"2014-08-14	17:00:00"	11.77	153.5	20.66	21.28	7.551	154.2	28.3	15.31	93.2	95.3	-2.115	20.01	20.06	26.458	721.04	0		
"2014-08-14	18:00:00"	11.43	158.1	18.84	22.47	7.196	158.2	28.08	16.51	93.6	95.3	-1.673	20.5	20.84	26.443	566.09	0		
"2014-08-14	19:00:00"	11.05	171	19.72	18.89	6.823	171.7	26.08	13.52	91.9	92.6	-0.678	22.26	23.3	26.436	223.41	0		
"2014-08-14	20:00:00"	8.8	172.5	15.65	13.52	5.109	173	22.16	9.35	90.4	90.3	0.131	23.63	25.3	26.419	94.2	0		
"2014-08-14	21:00:00"	7.482	163.5	9.6	11.14	3.735	160.8	18.63	8.16	87.3	86.1	1.186	27.24	29.86	26.41	12.05	0		
"2014-08-14	22:00:00"	7.573	139.4	8.07	10.54	3.483	131.2	15.52	6.368	83.7	81.8	1.826	28.99	32.12	26.4	0	0		
"2014-08-14	23:00:00"	7.311	146	7.14	9.95	3.295	140.9	15.07	6.964	81.9	80.3	1.611	29.25	31.93	26.402	0	0		
"2014-08-15	00:00:00"	4.362	213.3	44.13	6.964	1.568	230.9	52.74	3.982	79.7	76.97	2.726	32.16	36.45	26.403	0	0		
"2014-08-15	01:00:00"	5.228	195.7	17.14	7.561	1.706	194.3	38.29	3.386	79.2	75.95	3.245	33.17	38.21	26.402	0	0		
"2014-08-15	02:00:00"	5.365	179.8	11.07	7.561	2.023	148	25.84	3.982	77.19	74.21	2.983	35.52	40.3	26.389	0	0		
"2014-08-15	03:00:00"	4.981	173.1	9.3	6.964	1.525	145.6	25.39	2.789	75.18	72.13	3.05	38.58	43.52	26.37	0	0		
"2014-08-15	04:00:00"	4.999	156.6	9.2	6.964	1.672	115.2	16.45	2.789	73.86	70.84	3.017	40.67	45.35	26.358	0	0		
"2014-08-15	05:00:00"	5.861	151.2	7.023	7.561	2.362	115.4	10.24	3.386	72.36	69.22	3.148	43.46	47.8	26.354	0	0		
"2014-08-15	06:00:00"	6.974	145	8.04	9.35	2.986	130.7	16.04	5.175	70.79	68.54	2.253	48.31	50.75	26.351	0	0		
"2014-08-15	07:00:00"	7.687	145	7.857	11.74	3.844	140.8	17.83	7.561	71.18	69.92	1.254	50.8	51.74	26.357	0	0		
"2014-08-15	08:00:00"	5.341	145.4	8.51	8.16	1.962	137.7	19.64	4.578	70.63	69.18	1.448	53.91	55.07	26.372	9.5549	0		
"2014-08-15	09:00:00"	2.71	156.8	32.82	5.771	1.402	169.3	70.54	3.386	71.99	71.45	0.547	53.14	54.35	26.386	67.149	0		
"2014-08-15	10:00:00"	7.639	177.4	16.3	15.31	4.847	179.8	22.73	11.74	76.53	76.97	-0.442	46.84	47.23	26.404	188.56	0		
"2014-08-15	11:00:00"	10.3	183.7	12.14	15.91	6.701	185.6	19.66	12.93	82	83	-0.952	38.85	39.72	26.423	510.96	0		
"2014-08-15	12:00:00"	9.72	198	20.5	16.51	6.73	198.9	24.52	14.12	88	89.4	-1.429	31.82	32.52	26.448	727.2	0		
"2014-08-15	13:00:00"	9.84	210.5	18.54	17.7	7.015	210.7	21.29	14.12	90.6	91.9	-1.293	29.45	30.35	26.454	679.37	0		
"2014-08-15	14:00:00"	9.71	213.3	27.07	16.51	7.131	213.2	29.37	13.52	93.6	95.1	-1.506	27.07	27.91	26.445	895.95	0		
"2014-08-15	15:00:00"	8.24	217.5	32.58	17.7	6.143	215.1	35.64	12.93	95.5	96.6	-1.092	24.96	26.16	26.428	759.34	0		
"2014-08-15	16:00:00"	8.33	191.1	27.68	19.49	5.941	194.6	34.32	14.12	96.6	97.9	-1.322	24.19	25.22	26.406	641.52	0		
"2014-08-15	17:00:00"	10.89	190.1	60.64	28.43	7.232	186.9	65.93	24.26	89	88.4	0.648	34.64	42.31	26.39	191.93	0.08		
"2014-08-15	18:00:00"	10.98	200.2	60.87	23.07	7.456	201.1	61.51	17.1	86.4	85.8	0.694	44.53	51.93	26.347	386.33	0		
"2014-08-15	19:00:00"	8.5	254.9	27.82	17.1	6.055	253.1	30.84	12.33	86.1	85.8	0.351	40.97	46.12	26.351	98.859	0		
"2014-08-15	20:00:00"	6.147	327	33.27	12.93	4.408	326.7	35.36	9.95	84.6	84.2	0.413	46.68	51.15	26.343	63.579	0		
"2014-08-15	21:00:00"	3.758	21.39	38.28	6.964	2.432	19.44	56.02	5.771	82.7	82	0.716	51.61	56.43	26.335	29.88	0		
"2014-08-15	22:00:00"	3.499	342.1	27.9	6.964	2.026	330	64.76	5.175	81.3	79.12	2.215	52.81	62.84	26.34	0	0		
"2014-08-15	23:00:00"	2.983	292.5	30.72	5.175	1.745	285.8	90.6	3.386	80.7	76.54	4.198	52.74	69.19	26.342	0	0		
"2014-08-16	00:00:00"	5.653	355.2	19.43	11.14	3.265	4.021	18.4	7.561	80.1	78.17	1.912	55.33	62.6	26.345	0	0		
"2014-08-16	01:00:00"	4.199	57.43	30.7	7.561	2.251	68.52	38.83	5.175	79.34	78.2	1.14	59.73	62.93	26.362	0	0		
"2014-08-16	02:00:00"	6.426	64.98	13.66	9.95	3.563	59.75	21.26	6.964	77	76.27	0.726	69.07	69.77	26.367	0	0		
"2014-08-16	03:00:00"	6.777	81.7	25.17	12.93	3.973	77.8	30.08	8.75	76.77	76.08	0.695	64.38	65.62	26.366	0	0		
"2014-08-16	04:00:00"	5.161	111	33.48	7.561	2.67	102	38.08	5.175	74.42	73.01	1.401	65.73	68.38	26.343	0	0		
"2014-08-16	05:00:00"	3.78	145.2	26.35	6.368	1.29	98.9	49.25	3.386	72.29	69.97	2.317	70.53	74.23	26.325	0	0		
"2014-08-16	06:00:00"	2.25	159	70.28	5.175	1.813	57.38	56.16	3.982	71.72	69	2.722	72.57	78.45	26.313	0	0		
"2014-08-16	07:00:00"	2.656	358.7	44.94	5.175	1.535	355	63.47	3.386	72.19	69.51	2.681	73.92	79.91	26.32	0	0		
"2014-08-16	08:00:00"	5.133	343.4	57.33	11.74	3.255	335.1	62.8	8.75	72.45	71.38	1.07	75.73	76.83	26.343	4.6887	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-16	09:00:00"	6.588	314.2	87.2	17.1	4.327	313.7	84	13.52	72.04	70.64	1.399	73.23	76.74	26.38	20.917	0.09		
"2014-08-16	10:00:00"	6.814	30.88	14.49	11.14	4.027	29.82	17.27	9.35	72.18	71.88	0.291	79.87	78.49	26.392	80.406	0		
"2014-08-16	11:00:00"	5.791	73.33	22.49	9.95	3.649	70.7	28.44	6.368	74.47	74.6	-0.131	75.61	74.68	26.402	185.8	0		
"2014-08-16	12:00:00"	5.761	71.22	22.8	11.74	3.819	66.37	36.03	8.16	81.5	82.9	-1.326	58.89	59.69	26.423	693.88	0		
"2014-08-16	13:00:00"	3.221	54.67	79.4	6.964	2.554	51.66	81.6	6.964	89.6	90.3	-0.686	42.11	46.22	26.452	846.37	0		
"2014-08-16	14:00:00"	4.117	244.4	89.4	9.95	3.372	246.8	89	8.75	91.1	91.7	-0.607	37.91	41.65	26.456	778.48	0		
"2014-08-16	15:00:00"	6.753	202.4	35.95	12.33	5.207	205.3	39.02	10.54	92.1	93	-0.814	35.53	38.22	26.441	850.19	0		
"2014-08-16	16:00:00"	5.833	194	74.97	11.74	4.383	199	75.48	9.35	94	94.7	-0.717	29.53	32.19	26.425	641.94	0		
"2014-08-16	17:00:00"	11.72	132.9	30.33	22.47	7.059	132.8	37.34	18.3	89.2	90	-0.831	36.75	38.95	26.414	255.21	0		
"2014-08-16	18:00:00"	8.18	156.5	23.31	16.51	5.272	157.8	28.26	12.33	86.9	87.6	-0.714	41.44	43.78	26.387	309.65	0		
"2014-08-16	19:00:00"	5.417	166.2	30.35	9.95	3.716	166.9	34.72	7.561	90.4	90.7	-0.312	33.63	36.56	26.375	277.11	0		
"2014-08-16	20:00:00"	4.064	181.7	13.71	5.771	2.138	177.5	28.07	4.578	87.6	87.1	0.546	41.43	46.71	26.372	64.366	0		
"2014-08-16	21:00:00"	1.842	86.5	33.49	5.175	1.219	49.87	14.53	2.789	86	84.7	1.299	45.42	51.97	26.377	7.4795	0		
"2014-08-16	22:00:00"	7.655	113.8	81.9	23.07	4.415	119.7	79.86	14.72	83.1	82.2	0.952	52.13	56.31	26.391	0	0		
"2014-08-16	23:00:00"	5.314	217.9	21.61	9.35	2.575	219.3	28.94	5.771	78.49	77.17	1.329	58.5	61.82	26.407	0	0		
"2014-08-17	00:00:00"	4.369	247	11.4	9.35	2.027	263.2	36.62	6.368	76.5	74.54	1.958	62.85	67.52	26.401	0	0		
"2014-08-17	01:00:00"	4.783	268.1	38.75	8.16	2.449	276.2	47.82	5.175	74.85	72.89	1.961	67.39	71.08	26.386	0	0		
"2014-08-17	02:00:00"	8.21	349.7	12.97	12.93	5.349	347.6	14.26	9.35	74.47	73.53	0.945	66.75	67.75	26.371	0	0		
"2014-08-17	03:00:00"	9.21	330.5	10.32	14.12	6.743	328.7	12.4	12.33	75.59	74.78	0.813	61.13	62.25	26.368	0	0		
"2014-08-17	04:00:00"	11.01	340.5	17.59	17.7	8.07	338.6	16.92	15.31	74.06	73.68	0.382	60.97	60.97	26.36	0	0		
"2014-08-17	05:00:00"	7.961	7.357	17.13	14.12	5.342	2.301	22.18	11.74	72.04	71.65	0.392	62.41	61.82	26.359	0	0		
"2014-08-17	06:00:00"	10.67	28.09	10.4	16.51	6.463	26.02	13.11	14.12	71.27	71.07	0.201	64.71	63.21	26.361	0	0		
"2014-08-17	07:00:00"	8.56	64.17	18.75	14.12	5.105	61.12	24.71	11.14	69.96	69.63	0.325	68.97	67.02	26.378	0	0		
"2014-08-17	08:00:00"	6.268	79.92	17.85	9.95	3.616	76.37	25.32	7.561	68.72	68.34	0.374	73.41	71.03	26.386	27.042	0		
"2014-08-17	09:00:00"	3.595	86.2	37.18	8.16	2.394	77.1	42.67	5.771	73.26	74.42	-1.167	66.34	63.46	26.401	186.1	0		
"2014-08-17	10:00:00"	3.701	142.9	53.97	9.35	2.716	148.8	65.08	5.771	78.23	79.66	-1.424	58.05	56.38	26.433	372.24	0		
"2014-08-17	11:00:00"	6.859	184.6	26.46	13.52	4.818	188.5	32.73	9.95	81.1	82.2	-1.094	53.15	52.3	26.456	509.47	0		
"2014-08-17	12:00:00"	6.114	210.3	32.55	10.54	4.645	212.2	37.66	9.35	84.3	85	-0.764	45.76	46.56	26.475	734.73	0		
"2014-08-17	13:00:00"	4.205	158.2	63.23	11.74	3.248	166.1	70.32	9.35	88.6	89	-0.411	38.32	40.86	26.475	821.54	0		
"2014-08-17	14:00:00"	3.789	123.3	82.6	10.54	3.05	120.1	91.7	9.35	93	93	-0.003	33.19	36.59	26.468	875.44	0		
"2014-08-17	15:00:00"	4.662	63.5	92.3	12.33	3.727	56.26	99.2	9.95	93	93.4	-0.441	31.46	34.31	26.455	620.02	0		
"2014-08-17	16:00:00"	7.225	37.79	49.72	26.05	5.104	30.5	53.28	18.89	92.6	93.5	-0.855	28.43	30.79	26.428	522.97	0		
"2014-08-17	17:00:00"	7.45	47.81	32.84	23.07	5.05	41.06	39.18	17.7	94.1	95.5	-1.417	24.13	25.98	26.399	671.28	0		
"2014-08-17	18:00:00"	10.34	56.25	17.54	18.89	6.233	51.16	23.62	12.93	93.7	94.9	-1.201	22.46	24.03	26.385	384.6	0		
"2014-08-17	19:00:00"	15.98	156.6	34.04	30.22	9.47	158	39.11	21.28	83.2	84	-0.823	45.41	45.37	26.389	141.01	0		
"2014-08-17	20:00:00"	10.47	156.3	12.15	16.51	6.238	156.7	20.48	11.74	79.94	80.4	-0.48	51.78	51.62	26.378	102.55	0		
"2014-08-17	21:00:00"	8.97	150.7	12.06	13.52	5.226	151	20.17	10.54	77.37	77.38	-0.005	57.2	56.88	26.375	25.124	0		
"2014-08-17	22:00:00"	6.243	167.9	17.06	13.52	3.086	169.2	23.75	9.35	74.12	73.47	0.652	65.92	65.43	26.376	0	0		
"2014-08-17	23:00:00"	3.929	200.2	15.28	5.771	1.035	191.4	34.44	2.789	72.91	71.37	1.536	68.62	69.64	26.382	0	0		
"2014-08-18	00:00:00"	3.414	196.7	23.71	6.368	1	152.3	46.33	1	72.11	69.72	2.397	70.98	73.29	26.382	0	0		
"2014-08-18	01:00:00"	3.659	239.9	15.22	5.175	1	264.2	28.17	1	71.44	69.15	2.285	74.05	74.56	26.37	0	0		
"2014-08-18	02:00:00"	4.066	290.6	11.38	5.771	1.321	308.8	21.96	3.982	71.02	68.45	2.568	76.54	77.1	26.361	0	0		
"2014-08-18	03:00:00"	3.543	29.24	68.28	5.771	1.961	54.23	58.45	3.982	69.73	66.67	3.062	79.62	79.94	26.348	0	0		
"2014-08-18	04:00:00"	4.467	34.34	13.18	6.964	2.335	39.7	18.02	5.175	68.13	66.96	1.17	82.6	80.5	26.329	0	0		
"2014-08-18	05:00:00"	4.81	48.58	25.87	8.16	2.709	51.35	31.9	5.771	66.93	65.99	0.943	84.3	81.2	26.323	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-18	06:00:00"	4.89	57.62	8	8.75	2.302	61.65	17.92	5.175	66.57	65.19	1.384	84.2	82.1	26.314	0	0		
"2014-08-18	07:00:00"	5.908	75.29	8.58	8.75	2.959	69.35	17.64	5.771	65.22	64.21	1.002	86.4	83.1	26.32	0	0		
"2014-08-18	08:00:00"	5.856	74.93	13.37	8.75	2.813	69.75	22.98	6.964	65.63	64.82	0.812	83	80.2	26.325	26.121	0		
"2014-08-18	09:00:00"	3.954	89	16.16	6.368	2.622	84.5	24.55	6.368	70.53	71.9	-1.378	74.31	69.83	26.346	184.73	0		
"2014-08-18	10:00:00"	5.632	110.1	22.53	10.54	3.999	108.5	30.6	7.561	76.65	78.4	-1.75	61.18	58.8	26.377	393.11	0		
"2014-08-18	11:00:00"	6.156	136.5	28.41	12.33	4.277	136.6	38.81	9.35	79.81	81.1	-1.326	55.56	54.12	26.408	502.5	0		
"2014-08-18	12:00:00"	4.33	169.3	63.6	9.35	3.365	166.7	77.48	7.561	84	84.5	-0.554	50.11	50.82	26.425	724.8	0		
"2014-08-18	13:00:00"	5.115	171.2	73.24	15.31	3.899	171.9	78.64	12.93	87	88.1	-1.083	43.54	44.87	26.432	850.74	0		
"2014-08-18	14:00:00"	5.129	192.6	90	12.93	3.986	238.2	89	11.14	90.1	90.7	-0.606	38.3	41.09	26.425	905.28	0		
"2014-08-18	15:00:00"	5.908	185.7	48.7	15.31	4.35	192.2	60.98	12.33	91.1	92.6	-1.478	35.19	36.35	26.403	857.61	0		
"2014-08-18	16:00:00"	7.147	70.97	84.7	14.72	5.307	61.57	92.5	11.74	90.9	92.5	-1.577	31.22	32.57	26.38	607.15	0		
"2014-08-18	17:00:00"	6.961	51.04	47.18	15.31	4.805	44.78	50.01	11.74	92.6	93.9	-1.311	28.25	30.2	26.356	690.14	0		
"2014-08-18	18:00:00"	6.489	46.22	47.35	15.31	4.664	39.63	52.89	11.74	93.2	94.3	-1.086	26.24	28.11	26.342	533.63	0		
"2014-08-18	19:00:00"	5.237	59.1	35.67	13.52	3.624	50.84	40.08	10.54	92.7	93.3	-0.588	25.42	27.44	26.332	338.77	0		
"2014-08-18	20:00:00"	4.697	128.9	55.98	13.52	3.14	128.3	63.61	11.14	90.5	90.7	-0.14	30.96	33.23	26.319	117.01	0		
"2014-08-18	21:00:00"	15.37	111.1	10.42	26.65	9.9	108.3	18.77	19.49	83.6	83.5	0.005	50.98	51.94	26.314	16.395	0		
"2014-08-18	22:00:00"	12.5	124.6	10.61	19.49	7.262	121.8	18.53	13.52	80.7	80.5	0.241	56.17	56.76	26.323	0	0		
"2014-08-18	23:00:00"	10.04	124.9	8.49	16.51	5.894	122.4	16.85	11.14	78.25	77.86	0.398	61.12	61.23	26.335	0	0		
"2014-08-19	00:00:00"	9.44	130.7	9.47	15.31	5.47	129.2	17.64	12.33	75.85	75.44	0.405	65.65	65.05	26.332	0	0		
"2014-08-19	01:00:00"	6.147	130.3	15.45	12.93	3.246	124.4	25.03	8.16	73.08	72.44	0.64	69.69	68.63	26.318	0	0		
"2014-08-19	02:00:00"	4.225	100.9	19.55	5.771	1.836	87.4	24.41	3.982	71.27	70.01	1.268	73.71	72.68	26.298	0	0		
"2014-08-19	03:00:00"	5.359	90.8	7.655	7.561	2.684	82.1	15.94	4.578	69.82	68.97	0.846	78.4	75.95	26.279	0	0		
"2014-08-19	04:00:00"	5.027	85.8	11.39	6.964	2.547	76.26	18	4.578	68.87	68	0.871	81.5	78.85	26.267	0	0		
"2014-08-19	05:00:00"	5.479	81.4	7.731	7.561	2.97	72.06	17.09	4.578	68.4	67.49	0.908	82.7	79.94	26.261	0	0		
"2014-08-19	06:00:00"	6.309	73.14	8.05	9.35	3.664	63.27	16.26	6.368	66.97	66.37	0.603	86.1	82.2	26.263	0	0		
"2014-08-19	07:00:00"	5.915	63.15	11.37	8.75	3.3	56.27	18.83	6.368	66.53	65.91	0.621	87.2	83.2	26.261	0	0		
"2014-08-19	08:00:00"	8.12	71.9	10.5	11.14	4.871	66.38	18.4	8.16	65.27	65.12	0.154	88.4	83.4	26.271	21.396	0		
"2014-08-19	09:00:00"	7.621	113.7	20.18	13.52	4.966	111.9	25.56	9.95	68.74	69.87	-1.131	82.2	76.03	26.272	173.54	0		
"2014-08-19	10:00:00"	9.36	149.2	13.48	14.12	5.862	148.9	22.05	11.14	73.01	74.8	-1.795	72.89	67.51	26.292	372.84	0		
"2014-08-19	11:00:00"	8.45	154.2	18.86	13.52	5.573	152.9	28.05	9.95	77.56	79.29	-1.73	63.93	60.26	26.314	557.66	0		
"2014-08-19	12:00:00"	7.244	155.6	23.17	12.93	4.923	155.8	31.86	11.14	83.2	84.8	-1.588	52.86	51.57	26.336	718.38	0		
"2014-08-19	13:00:00"	9.14	150.3	24.29	15.91	6.208	149.9	33.18	12.33	87.4	89.4	-1.962	44.14	44.15	26.347	820.57	0		
"2014-08-19	14:00:00"	8.12	175.2	31.71	15.31	5.594	173.4	43.94	11.74	90.4	92	-1.57	35.53	36.7	26.34	706.45	0		
"2014-08-19	15:00:00"	6.83	181.6	52.12	17.7	4.855	185.3	57.63	12.33	91.3	92.2	-0.931	30.42	32.14	26.322	563.15	0		
"2014-08-19	16:00:00"	9.66	193.9	32.39	18.89	6.72	195.5	36.47	15.31	94.1	95.8	-1.715	26.86	27.74	26.303	859.58	0		
"2014-08-19	17:00:00"	9.12	189.1	30.76	17.7	6.35	191.6	34.47	12.93	93.9	95.6	-1.719	26.63	27.42	26.287	629.45	0		
"2014-08-19	18:00:00"	9.06	162.7	25.74	18.89	5.966	164.7	34.24	12.33	94.6	96	-1.428	24.64	25.63	26.269	545.27	0		
"2014-08-19	19:00:00"	9.75	184	29.99	20.09	6.445	184.6	35.18	15.31	93.8	94.9	-1.06	24.28	25.4	26.257	383.75	0		
"2014-08-19	20:00:00"	11.62	182.4	16.15	20.09	7.139	183.7	21.85	13.52	91.6	92.1	-0.529	28.22	29.76	26.249	149.12	0		
"2014-08-19	21:00:00"	14.08	159.4	9.92	23.07	8.15	159.9	18.36	14.72	87.5	87.2	0.326	34.83	37.26	26.256	13.456	0		
"2014-08-19	22:00:00"	14.91	168.7	9.72	28.43	8.5	169.2	18.39	17.1	84.2	83.8	0.37	42.1	44.23	26.27	0	0		
"2014-08-19	23:00:00"	13.66	168.9	8.7	20.09	7.768	169	18.27	15.31	81.5	81.1	0.385	50.16	51.54	26.286	0	0		
"2014-08-20	00:00:00"	12.76	166.3	8.86	20.09	7.28	166.5	17.81	13.52	79.83	79.4	0.427	54.52	55.43	26.288	0	0		
"2014-08-20	01:00:00"	13.7	165.4	8.89	21.28	7.793	165.5	17.66	14.12	78.63	78.2	0.43	57.43	57.95	26.283	0	0		
"2014-08-20	02:00:00"	13.55	169.5	9.02	23.07	7.703	169.6	18.15	15.31	77.02	76.67	0.354	61.54	61.36	26.279	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-20	03:00:00"	11.01	173.8	9.2	16.51	6.334	174.9	18.42	12.93	75.5	75.08	0.417	65.72	65.08	26.268	0	0		
"2014-08-20	04:00:00"	8.08	173.7	9.83	12.33	4.438	173.9	18.91	8.16	73.83	73.2	0.622	69.69	68.74	26.256	0	0		
"2014-08-20	05:00:00"	7.833	166.1	9.64	12.93	4.293	166	18.57	8.16	72.88	72.23	0.655	72.11	70.84	26.246	0	0		
"2014-08-20	06:00:00"	8.72	157	9.68	12.93	4.795	155.1	18.38	8.75	71.78	71.15	0.635	75.16	73.33	26.246	0	0		
"2014-08-20	07:00:00"	7.817	169.7	9.02	12.33	4.245	170.8	18.56	9.35	71.14	70.49	0.656	77.13	75.08	26.253	0	0		
"2014-08-20	08:00:00"	7.01	177.3	8.45	9.95	3.717	179.4	16.98	7.561	70.63	70.03	0.596	79.1	76.49	26.261	23.505	0		
"2014-08-20	09:00:00"	9.17	198.7	12.57	15.31	6.012	198.7	17.62	11.14	75.02	75.76	-0.741	68.48	65.67	26.279	177.23	0		
"2014-08-20	10:00:00"	11.53	201.1	14.25	20.09	7.643	201.6	17.88	16.51	79.93	81.1	-1.192	55.53	54.47	26.313	373.91	0		
"2014-08-20	11:00:00"	13.42	206.1	12.61	19.49	9.03	205.6	17.12	15.31	83.5	84.7	-1.244	45.97	46.24	26.336	554.4	0		
"2014-08-20	12:00:00"	15.55	196.5	14.42	26.65	10.31	197.1	19.13	17.7	85.5	87.2	-1.625	42.09	42.5	26.356	712.08	0		
"2014-08-20	13:00:00"	15.31	187.4	15.26	25.45	9.94	189	20.82	19.49	87.7	89.8	-2.068	39.66	39.95	26.36	817.6	0		
"2014-08-20	14:00:00"	15.65	197	18.65	29.63	10.21	197.4	22.66	18.89	89.7	91.8	-2.146	35.55	35.89	26.36	868.31	0		
"2014-08-20	15:00:00"	15.31	197.2	16.14	26.05	10.11	198	20.54	20.09	91.5	93.7	-2.213	30.48	30.77	26.354	872.66	0		
"2014-08-20	16:00:00"	14.88	210.9	14.21	26.65	10.19	210.4	18.01	20.09	93.2	95.3	-2.013	26.79	27.26	26.338	817.37	0		
"2014-08-20	17:00:00"	14.11	200.7	15.5	24.86	9.44	202.9	18.62	18.3	94	95.9	-1.927	24.85	25.31	26.321	693.87	0		
"2014-08-20	18:00:00"	12.17	211.3	24.06	20.09	8.49	211.8	26.56	15.31	94.5	95.9	-1.442	24.6	25.4	26.308	551.06	0		
"2014-08-20	19:00:00"	12.47	190.9	16.29	19.49	7.95	192.2	21.2	16.51	93.9	94.9	-1.013	25.43	26.57	26.304	286.84	0		
"2014-08-20	20:00:00"	20.46	168.6	9.85	31.42	11.81	169.7	18.43	23.66	88.2	88.7	-0.495	40.25	41.77	26.308	95.51	0		
"2014-08-20	21:00:00"	19.81	176.2	10.97	32.01	11.56	177.8	19.45	21.28	83	83.1	-0.163	50.23	51	26.309	21.95	0		
"2014-08-20	22:00:00"	13.23	172.5	12.08	24.26	7.797	173.5	20.01	15.91	80.3	80.2	0.122	52.9	53.54	26.318	0	0		
"2014-08-20	23:00:00"	13.14	169.6	10.54	23.07	7.717	169.5	19.05	15.91	78.72	78.5	0.218	54.65	55.07	26.337	0	0		
"2014-08-21	00:00:00"	10.92	179.9	10.08	17.1	6.36	181	18.37	12.33	77.18	76.89	0.294	58.46	58.44	26.344	0	0		
"2014-08-21	01:00:00"	13.08	172.4	9.86	22.47	7.568	172.4	18.3	17.7	77	76.67	0.335	60.75	60.6	26.338	0	0		
"2014-08-21	02:00:00"	12.94	174.3	8.81	23.07	7.45	175.1	18.61	15.91	76.34	76.01	0.333	61.77	61.5	26.326	0	0		
"2014-08-21	03:00:00"	13.38	171.9	9.1	21.87	7.765	172.8	18.19	15.31	77	76.69	0.315	60.25	60.18	26.319	0	0		
"2014-08-21	04:00:00"	10.11	167.5	10.31	15.31	5.651	166.9	19.28	11.14	75.91	75.36	0.554	62.24	62.25	26.317	0	0		
"2014-08-21	05:00:00"	10.18	158.1	8.56	15.91	5.74	157.7	17.97	11.14	74.59	74.04	0.549	65.93	65.32	26.314	0	0		
"2014-08-21	06:00:00"	10.26	163.2	9.38	15.31	5.748	162.2	17.23	12.33	73.87	73.32	0.549	67.48	66.63	26.311	0	0		
"2014-08-21	07:00:00"	8.17	167.4	8.88	11.74	4.385	169.6	18.61	8.75	72.49	71.85	0.645	70.92	69.62	26.317	0	0		
"2014-08-21	08:00:00"	9.81	170.5	8.92	15.91	5.534	172.1	17.56	10.54	72.2	71.68	0.52	71.39	69.84	26.33	19.067	0		
"2014-08-21	09:00:00"	12.85	180.8	9.48	20.09	7.679	183.2	17.9	14.72	74.95	75.63	-0.686	65.01	62.63	26.354	182.85	0		
"2014-08-21	10:00:00"	15.95	184.8	10.31	21.87	9.69	185.9	18.49	15.91	78.56	79.83	-1.267	57.79	55.87	26.386	385.45	0		
"2014-08-21	11:00:00"	14.03	197.4	14.76	21.28	9.18	197.9	19.07	15.91	82.3	83.5	-1.249	49.81	49.33	26.404	518.56	0		
"2014-08-21	12:00:00"	11.79	214.9	15.98	19.49	8.3	213.7	19.05	14.12	86.9	88.3	-1.358	37.71	38.81	26.424	718.92	0		
"2014-08-21	13:00:00"	9.71	212.1	20.88	17.1	7.142	212.5	24.86	14.12	90.9	92.2	-1.231	29.91	31.13	26.432	823.87	0		
"2014-08-21	14:00:00"	8.16	226	35.17	17.7	6.108	225	39.63	15.91	93.5	94.5	-0.984	25.81	27.24	26.425	778.72	0		
"2014-08-21	15:00:00"	10.68	216.2	33.48	20.09	7.617	215	33.96	17.1	95	96.8	-1.756	24.8	25.61	26.419	872.81	0		
"2014-08-21	16:00:00"	9.88	211.6	27.4	22.47	7.121	211.9	29.9	15.91	96.2	97.7	-1.484	23.85	24.77	26.409	803.68	0		
"2014-08-21	17:00:00"	10.89	197.4	25.96	23.07	7.505	198.2	28.48	16.51	96.6	98.3	-1.692	22.43	23.13	26.4	619.56	0		
"2014-08-21	18:00:00"	10.44	201.1	18.86	19.49	7.139	201.7	22.48	15.31	95.9	97	-1.106	22.81	23.81	26.383	429.74	0		
"2014-08-21	19:00:00"	10.02	199.2	22.99	18.89	6.74	199.5	25.88	15.31	96.6	97.6	-1.059	22.21	23.29	26.373	416.95	0		
"2014-08-21	20:00:00"	16.93	167	16.69	29.03	10.01	168.2	23.12	20.09	93.4	94.3	-0.911	28.71	30	26.377	221.09	0		
"2014-08-21	21:00:00"	19.28	166.2	15.39	33.8	11.04	167.1	22.27	24.86	87.1	87.2	-0.103	37.21	39.19	26.389	30.064	0		
"2014-08-21	22:00:00"	19	177.9	9.6	30.82	11.06	179.3	18	21.87	81.4	81.5	-0.078	47.29	48.1	26.395	0	0		
"2014-08-21	23:00:00"	18.15	178.4	10.05	26.65	10.62	179.6	18.78	20.09	80.2	80.2	0.038	50.58	51.22	26.403	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-22	00:00:00"	15.11	177.1	10.63	24.86	8.82	178.9	18.84	17.1	79.4	79.26	0.131	55.48	55.62	26.397	0	0		
"2014-08-22	01:00:00"	16.05	186.2	9.49	26.65	9.54	188.5	17.11	18.89	79.22	79.04	0.186	56.32	56.59	26.397	0	0		
"2014-08-22	02:00:00"	12.76	184.3	9.03	21.87	7.431	185.2	16.93	14.72	78.27	77.95	0.327	58.61	58.73	26.397	0	0		
"2014-08-22	03:00:00"	8.9	184.1	9.52	14.72	5.127	186	17.42	9.95	76.19	75.72	0.468	62.59	62.34	26.385	0	0		
"2014-08-22	04:00:00"	6.697	180.8	8.39	8.75	3.304	180.9	16.75	5.771	74	73.14	0.866	67.44	67.02	26.37	0	0		
"2014-08-22	05:00:00"	6.702	177.7	9.52	12.93	3.149	175.7	17.18	9.35	72.65	71.61	1.04	70.98	70.38	26.367	0	0		
"2014-08-22	06:00:00"	9.99	171.8	8.42	14.72	5.638	172.8	17.15	9.95	73.6	73.09	0.504	69.91	68.68	26.372	0	0		
"2014-08-22	07:00:00"	9.96	171	7.816	14.72	5.474	171.5	17.76	9.95	72.88	72.34	0.536	72.45	70.88	26.382	0	0		
"2014-08-22	08:00:00"	7.145	177	9.15	11.14	3.822	178.9	18.23	7.561	71.82	71.35	0.478	75.16	72.88	26.395	20.133	0		
"2014-08-22	09:00:00"	8.96	180.6	10.07	16.51	5.495	182.1	18.31	11.74	74.01	74.84	-0.826	71.07	67.39	26.409	163.26	0		
"2014-08-22	10:00:00"	10.08	197.8	14.07	15.31	6.717	199	18.76	11.74	78.96	80.1	-1.13	56.68	55.31	26.429	358.34	0		
"2014-08-22	11:00:00"	8.41	209.8	16.19	14.72	6.036	209.4	20.52	11.14	82.8	83.8	-1.028	46.49	46.68	26.453	543.4	0		
"2014-08-22	12:00:00"	8.51	207.4	25.7	20.68	6.083	207.7	29.98	11.74	85.8	87	-1.186	40.97	41.91	26.468	703.65	0		
"2014-08-22	13:00:00"	8.58	199.5	28.08	20.68	6.169	200.7	34.16	15.31	87.9	89.3	-1.356	38.54	39.45	26.47	811.49	0		
"2014-08-22	14:00:00"	8.4	196.8	37.09	15.91	5.97	200.1	42.74	12.93	90.3	91.8	-1.539	35.93	36.78	26.459	864.41	0		
"2014-08-22	15:00:00"	9	168.4	36.2	18.89	6.163	170.1	45.41	14.12	92.1	94	-1.896	33.32	33.97	26.448	865.53	0		
"2014-08-22	16:00:00"	9.98	186.1	26.84	20.09	6.924	187.6	29.95	15.91	93.3	94.9	-1.669	31.04	31.82	26.433	781.56	0		
"2014-08-22	17:00:00"	11.89	181.5	19.89	21.28	7.638	182.1	26.69	15.31	92.4	94	-1.562	30.68	31.54	26.413	471.32	0		
"2014-08-22	18:00:00"	12.12	164.3	17.24	21.28	7.44	166	23.89	14.12	92.5	93.9	-1.384	29.61	30.7	26.386	350.28	0		
"2014-08-22	19:00:00"	12.26	160	14.3	23.07	7.365	159.8	22.09	15.31	92.9	93.9	-1.009	28.35	29.71	26.373	308.76	0		
"2014-08-22	20:00:00"	15.42	185.1	37.59	42.15	9.97	185.2	39.36	32.01	86.1	86.3	-0.221	39.41	40.18	26.381	18.545	0		
"2014-08-22	21:00:00"	11.64	268.1	37.34	27.24	8.54	266.5	39.16	20.09	75.92	75.52	0.402	57.88	60.25	26.371	0.52751	0		
"2014-08-22	22:00:00"	5.266	316.5	28.42	8.75	3.639	313	39.79	7.561	77.52	76.64	0.882	56.9	61.36	26.35	0	0		
"2014-08-22	23:00:00"	13.53	244.1	11.52	27.24	10.03	240.1	14.55	25.45	75.91	75.7	0.21	59.65	60.36	26.39	0	0.01		
"2014-08-23	00:00:00"	9.36	220.1	39.43	26.65	6.047	221.4	56.2	18.89	73.14	71.66	1.481	67.92	72.88	26.395	0	0.12		
"2014-08-23	01:00:00"	5.981	60.58	13.95	8.75	3.248	61.95	20.18	6.368	72.99	71.17	1.812	70.55	76.45	26.358	0	0		
"2014-08-23	02:00:00"	7.052	87.3	12.23	9.95	3.878	86.1	20.47	6.964	72.6	71.33	1.265	76.54	79.08	26.363	0	0		
"2014-08-23	03:00:00"	6.322	132.1	27.63	14.72	2.722	131.3	34.39	8.75	73.89	71.93	1.958	71.32	77.31	26.361	0	0.01		
"2014-08-23	04:00:00"	5.41	196.9	14.8	11.14	2.79	191.1	22.88	8.16	71.95	71.08	0.868	79.05	79.67	26.354	0	0		
"2014-08-23	05:00:00"	4.751	210.7	31.66	8.75	2.454	208.2	39.65	5.771	71.91	70.96	0.956	77.36	79.11	26.351	0	0		
"2014-08-23	06:00:00"	4.735	275.1	23.47	11.14	2.851	268.4	36.18	7.561	71.06	70.23	0.833	76.52	78.1	26.354	0	0		
"2014-08-23	07:00:00"	3.564	205.2	34.93	5.771	1.402	191.3	48.4	3.386	70.59	69.63	0.959	78.73	81.3	26.355	0	0		
"2014-08-23	08:00:00"	3.431	183.4	28.98	6.368	1.364	158.8	66.95	3.386	70.83	69.67	1.156	77.19	79.62	26.352	8.0522	0		
"2014-08-23	09:00:00"	3.273	144.5	13.96	8.75	1.588	140.9	27.82	6.368	71.56	71.23	0.337	78.63	78.22	26.364	52.984	0		
"2014-08-23	10:00:00"	5.326	162.7	21.25	10.54	3.368	168.2	27.04	7.561	72.88	73.11	-0.224	77.13	75.06	26.38	138.71	0		
"2014-08-23	11:00:00"	9.33	177.6	12.64	14.12	5.78	180.3	19.7	10.54	75.75	76.55	-0.799	55.32	56.32	26.392	416.48	0		
"2014-08-23	12:00:00"	9.82	193.7	13.41	15.91	6.716	194.9	18.75	11.74	79.86	81.1	-1.249	48.04	48.84	26.412	631.69	0		
"2014-08-23	13:00:00"	9.4	193.4	19.8	20.09	6.515	195.6	22.82	11.74	83.2	84.4	-1.199	45.17	46.4	26.418	691.92	0		
"2014-08-23	14:00:00"	11.06	205.7	19.38	18.89	7.731	205.2	21.63	15.31	86.3	87.7	-1.47	39.12	40.78	26.415	819.1	0		
"2014-08-23	15:00:00"	9.71	219.1	21.34	17.7	7.149	218.8	24.27	15.31	89.1	90.4	-1.24	34.78	36.57	26.407	882.42	0		
"2014-08-23	16:00:00"	10.3	202	20.46	18.89	7.169	202.7	24.15	15.31	90.9	92.6	-1.69	30.37	31.67	26.392	839.46	0		
"2014-08-23	17:00:00"	11.58	207.1	20.65	19.49	8.03	207.9	23.67	16.51	91.5	93	-1.464	28.54	29.86	26.374	683.96	0		
"2014-08-23	18:00:00"	11.59	201.7	18.98	19.49	7.865	202.4	21.23	15.31	92	93.4	-1.44	28.75	30.03	26.358	578.24	0		
"2014-08-23	19:00:00"	11.47	203.5	14.34	21.87	7.682	204.8	18.31	14.12	91.7	92.6	-0.947	26.53	28.03	26.351	362.05	0		
"2014-08-23	20:00:00"	11.16	200.3	12.55	18.89	7.085	200.4	17.25	13.52	89.3	89.6	-0.281	30.74	32.8	26.343	120	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-23	21:00:00"	8.15	196	8.55	11.74	4.822	195.9	14.96	8.16	86.9	86.2	0.733	35.01	38.55	26.332	9.6503		0	
"2014-08-23	22:00:00"	7.26	197.8	8.83	11.14	3.855	194.2	17.11	8.75	85	83.9	1.179	36.44	40.71	26.334		0	0	
"2014-08-23	23:00:00"	6.599	172.8	12.33	8.75	2.478	152.4	14.52	3.982	81.3	77.64	3.696	41.93	51.72	26.331		0	0	
"2014-08-24	00:00:00"	7.895	152.3	8.11	15.31	3.726	146.4	17.79	9.35	79.45	77.55	1.899	43.26	48.32	26.324		0	0	
"2014-08-24	01:00:00"	8.45	169	9.27	12.93	4.486	168.5	18.28	9.35	78.58	77.44	1.14	44.41	47.77	26.329		0	0	
"2014-08-24	02:00:00"	7.557	176.6	7.354	14.12	3.676	177.9	15.59	9.35	77.65	76.35	1.302	46.32	49.61	26.333		0	0	
"2014-08-24	03:00:00"	6.148	174.9	6.178	8.16	2.344	176.7	14.38	4.578	75.09	72.69	2.4	51.7	56.53	26.314		0	0	
"2014-08-24	04:00:00"	7.72	160.2	8.99	11.14	3.748	157.7	18.49	8.16	75.32	73.65	1.661	51.26	54.51	26.295		0	0	
"2014-08-24	05:00:00"	5.736	177.3	20.99	9.95	2.497	190	47.54	6.368	74.15	72.53	1.622	53.51	56.45	26.296		0	0	
"2014-08-24	06:00:00"	2.835	165.6	17.58	4.578	1.061	158.6	68.42	2.789	72.47	70.26	2.212	56.44	59.92	26.29		0	0	
"2014-08-24	07:00:00"	3.554	193	19.64	5.771	1.078	214.5	80.1	2.789	71.55	69.27	2.274	57.71	61.58	26.291		0	0	
"2014-08-24	08:00:00"	3.189	203	9.78	6.368	1.067	256.7	51.28	2.789	71.1	68.63	2.47	58.17	63.11	26.303	10.822		0	
"2014-08-24	09:00:00"	6.412	194	9.72	13.52	3.914	200.2	19.08	9.95	73.99	74.39	-0.403	55.68	55.36	26.325	164.88		0	
"2014-08-24	10:00:00"	10.06	193.7	12.07	14.12	6.584	195.2	18.15	11.74	79.57	80.6	-1.001	47.33	47.52	26.358	366.09		0	
"2014-08-24	11:00:00"	9.74	202.2	14.54	14.72	6.801	203.2	18.63	11.74	84	85.1	-1.039	41.23	42.37	26.387	548.14		0	
"2014-08-24	12:00:00"	8.12	212.1	24.19	12.93	5.85	211.1	28.4	11.74	88.4	89.4	-1.074	35.54	37.08	26.407	707.16		0	
"2014-08-24	13:00:00"	8.48	219.3	24.19	15.91	6.331	216.9	27.81	11.74	91.5	92.6	-1.01	30.91	32.52	26.413	815.46		0	
"2014-08-24	14:00:00"	11.37	224.3	17.69	20.68	8.22	222.5	20.66	17.1	93	94.5	-1.469	27.75	28.91	26.408	868.09		0	
"2014-08-24	15:00:00"	12.14	223.2	19.25	30.82	8.87	222.1	21.4	26.65	94.6	96.2	-1.618	24.66	25.62	26.397	874.44		0	
"2014-08-24	16:00:00"	11.92	220	25.15	21.87	8.51	218	27.38	16.51	95.7	97.3	-1.658	22.88	23.7	26.376	827.52		0	
"2014-08-24	17:00:00"	11.7	226.3	22.96	23.66	8.58	224.5	25.19	19.49	95.7	97	-1.341	22.57	23.59	26.358	609.18		0	
"2014-08-24	18:00:00"	11.31	228.6	13.77	20.09	8.05	225.6	17	17.1	94.3	95.1	-0.743	22.9	24.29	26.348	324.55		0	
"2014-08-24	19:00:00"	10.76	244.9	13.86	17.7	8.16	241.1	16.33	14.72	93.8	94.4	-0.537	23.41	24.92	26.345	317.8		0	
"2014-08-24	20:00:00"	14.12	162	59.25	27.84	8.89	161.3	59.55	21.28	88.3	88.8	-0.508	33.75	35.08	26.352	107.65		0	
"2014-08-24	21:00:00"	10.97	146.8	14.74	18.89	6.306	147.8	20.88	12.33	81.3	81.1	0.153	47.22	48.51	26.341	7.5503		0	
"2014-08-24	22:00:00"	12	141.1	10.84	17.7	6.811	141.1	19.43	11.74	80.4	79.95	0.448	47.18	48.87	26.341	0		0	
"2014-08-24	23:00:00"	8.51	135.9	8.26	14.12	4.596	134.1	16.91	9.35	78.52	77.77	0.756	50.09	51.82	26.345	0		0	
"2014-08-25	00:00:00"	8.3	134.1	8.01	11.14	4.243	131.1	16.91	7.561	77.09	76.03	1.053	52.1	54.01	26.349	0		0	
"2014-08-25	01:00:00"	7.918	139.6	8.72	11.14	3.905	136.5	17.09	6.368	76.65	75.52	1.13	52.51	54.5	26.346	0		0	
"2014-08-25	02:00:00"	7.004	152.2	6.53	10.54	3.026	146.7	15.76	6.368	75.22	73.57	1.652	56.02	58.43	26.347	0		0	
"2014-08-25	03:00:00"	7.389	170	13.16	10.54	3.59	169.3	21.37	6.368	74.63	73.38	1.244	57.09	58.69	26.336	0		0	
"2014-08-25	04:00:00"	6.921	167.8	11.04	9.95	3.245	168.4	20.22	8.16	74.71	73.24	1.463	55.9	58.03	26.337	0		0	
"2014-08-25	05:00:00"	6.131	177.3	14.37	9.95	2.722	173.9	18.39	6.368	74.56	72.9	1.667	57.22	59.64	26.338	0		0	
"2014-08-25	06:00:00"	6.309	152.8	10.88	9.35	3.001	148.3	19.44	6.368	74.04	72.68	1.365	57.78	59.48	26.338	0		0	
"2014-08-25	07:00:00"	7.392	155.6	10.14	11.14	3.482	153.4	19.15	6.964	73.21	71.59	1.625	58.53	60.55	26.336	0		0	
"2014-08-25	08:00:00"	7.203	161.5	15.46	11.14	3.691	162.3	25.05	7.561	72.99	71.97	1.022	58.57	59.4	26.34	16.114		0	
"2014-08-25	09:00:00"	7.669	185.3	11.03	13.52	4.741	188.6	17.58	10.54	74.98	75.28	-0.3	56.94	56.2	26.357	154.37		0	
"2014-08-25	10:00:00"	11.96	185.2	12.05	17.7	7.636	187.2	18.85	12.93	79.09	80.2	-1.135	49.97	49.29	26.391	357.9		0	
"2014-08-25	11:00:00"	11.7	187.7	14.07	18.3	7.661	189	20.29	14.12	82.4	83.7	-1.323	46.22	45.96	26.423	512.02		0	
"2014-08-25	12:00:00"	10.58	182.4	16.36	17.1	6.994	184.1	22.72	14.72	85.5	87.2	-1.66	42.03	42.25	26.443	678.92		0	
"2014-08-25	13:00:00"	8.42	182.5	27.39	14.72	5.855	184.3	34.1	12.33	90	91.4	-1.45	33.88	34.84	26.448	795.35		0	
"2014-08-25	14:00:00"	7.422	185.3	39.04	15.91	5.325	186	43.44	12.33	94.2	95.5	-1.265	26.8	28.09	26.443	869.2		0	
"2014-08-25	15:00:00"	10.84	160.1	30.83	21.28	7.177	161.2	36.57	16.51	95.3	97.2	-1.964	23.8	24.41	26.427	860.82		0	
"2014-08-25	16:00:00"	11.1	153.5	26.13	21.28	7.105	154.6	35.19	15.91	95.1	96.8	-1.754	23.82	24.56	26.412	592.65		0	
"2014-08-25	17:00:00"	11.47	146.9	14.13	20.09	6.949	147.2	22.54	13.52	93	93.7	-0.714	24.73	26.19	26.389	184.97		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-25	18:00:00"	12.37	96.9	81.8	29.63	8.27	93.5	85.1	23.66	88.6	89.2	-0.57	32.58	33.66	26.386	92.27	0		
"2014-08-25	19:00:00"	17.63	9.65	16.81	28.43	12.02	7.64	19.8	23.66	75.01	74.98	0.026	65.06	65.36	26.384	16.211	0.22		
"2014-08-25	20:00:00"	17.13	358.7	20.97	31.42	11.87	357.4	24.52	27.24	71.13	69.58	1.548	71.94	75.06	26.363	2.7783	1.04		
"2014-08-25	21:00:00"	15.74	310.2	37.18	29.63	11.45	308.6	42	23.07	71.15	69.88	1.274	71.24	73.18	26.334	0.08228	0.06		
"2014-08-25	22:00:00"	9.75	300.3	35.11	21.28	7.078	299.6	37.92	16.51	70.81	70.27	0.539	74.24	74.05	26.381	0	0		
"2014-08-25	23:00:00"	8.64	297.6	11.82	13.52	6.406	297.8	16.42	10.54	71.59	71.11	0.486	74.89	74.55	26.401	0	0		
"2014-08-26	00:00:00"	4.462	339.7	43.79	9.35	2.876	341.2	51.31	6.964	73.4	72.4	1.009	68.59	71.07	26.408	0	0		
"2014-08-26	01:00:00"	6.267	292	60.55	16.51	3.868	286.6	63.66	12.93	74.56	73.36	1.197	67.21	70.6	26.411	0	0.02		
"2014-08-26	02:00:00"	10.72	127.1	38.54	25.45	5.771	122.8	43.1	15.31	73.59	71.37	2.217	66.89	73.08	26.4	0	0.05		
"2014-08-26	03:00:00"	8.84	97.2	7.189	13.52	5.256	95	16.12	8.75	74.32	72.62	1.705	66.3	70.39	26.381	0	0		
"2014-08-26	04:00:00"	7.954	103	7.67	10.54	4.725	99.4	16.02	6.964	74.68	73.4	1.284	65.53	68.5	26.38	0	0		
"2014-08-26	05:00:00"	8.43	125.8	33.96	12.93	4.917	123.9	38.48	9.35	74.75	73.72	1.031	64.55	66.84	26.389	0	0.91		
"2014-08-26	06:00:00"	3.723	236.9	33.85	9.95	1.907	219.1	65	6.964	73.26	72.23	1.03	70.52	72.52	26.407	0	0		
"2014-08-26	07:00:00"	2.992	331.3	35.81	7.561	1.754	359.6	42.51	7.561	72.39	71.46	0.926	75.72	76.88	26.415	0	0.01		
"2014-08-26	08:00:00"	5.327	25.59	10.37	8.75	2.987	26.67	14.28	6.368	71.77	71.31	0.454	77.6	76.31	26.431	16.896	0		
"2014-08-26	09:00:00"	5.775	37.77	10.92	8.75	3.202	35.02	14.14	6.368	73.64	73.75	-0.108	72.67	71.76	26.447	111	0		
"2014-08-26	10:00:00"	6.086	60.07	9.05	8.75	3.883	54.96	16.93	6.368	75.81	76.31	-0.5	70.03	69.4	26.474	188.44	0		
"2014-08-26	11:00:00"	5.593	73.72	25.44	8.75	3.706	66.29	31.28	8.16	78.32	79.15	-0.831	61.73	62.17	26.489	341.23	0		
"2014-08-26	12:00:00"	6.241	172.6	25.3	11.74	4.252	175.9	33.29	9.95	82.4	83.5	-1.065	49.75	51.2	26.516	576.23	0.03		
"2014-08-26	13:00:00"	5.631	156.8	47.07	11.14	4.1	160.4	57.81	8.75	87	88.2	-1.133	40.46	43.33	26.529	824.96	0.01		
"2014-08-26	14:00:00"	8.11	142.7	29.71	21.87	5.471	141.1	37.17	15.91	89.7	90.9	-1.234	31.68	35.09	26.522	882.2	0		
"2014-08-26	15:00:00"	9.41	154.9	24.22	18.3	5.994	155.4	33.87	13.52	91.2	92.7	-1.56	28.39	31.71	26.502	887.14	0		
"2014-08-26	16:00:00"	11.51	150.4	18.59	20.09	7.216	150.6	26.38	14.12	91.9	93.4	-1.565	25.77	28.8	26.484	833.36	0		
"2014-08-26	17:00:00"	11.03	159.1	18.52	19.49	6.984	159.4	26.19	14.12	92.7	94.1	-1.482	24.53	27.23	26.467	765.43	0		
"2014-08-26	18:00:00"	10.43	156.1	18.98	18.3	6.4	157	26.23	12.33	92.5	93.6	-1.094	25.69	28.42	26.45	511.42	0		
"2014-08-26	19:00:00"	8.56	177.1	13.49	14.72	5.082	179.5	20.27	11.14	90.1	89.8	0.327	27.57	31.7	26.439	135.63	0		
"2014-08-26	20:00:00"	6.119	147.9	8.7	9.95	3.071	146.9	16.36	6.368	88.1	87	1.069	32.14	38.19	26.427	40.828	0		
"2014-08-26	21:00:00"	5.581	150.6	5.354	8.16	1.926	130	17.05	3.982	84.9	82.3	2.583	37.99	49.01	26.432	2.2155	0		
"2014-08-26	22:00:00"	5.281	130.8	14.95	7.561	2.204	92.6	13.05	4.578	82.9	79.58	3.335	42.14	56.39	26.427	0	0		
"2014-08-26	23:00:00"	12.25	173.5	46.15	29.63	7.018	171.2	54.89	19.49	80.1	76.33	3.771	45.56	59.38	26.45	0	0		
"2014-08-27	00:00:00"	9.52	0.423	59.4	16.51	6.061	0.739	54.15	13.52	78.78	75.25	3.527	48.44	61.05	26.433	0	0		
"2014-08-27	01:00:00"	8.08	41.62	20.73	14.12	4.474	39.7	23.39	10.54	78.91	76.88	2.036	51.71	58.79	26.433	0	0		
"2014-08-27	02:00:00"	6.602	100.1	12.85	9.35	2.959	83.1	13.79	5.175	78.22	75.13	3.086	56.16	67.2	26.438	0	0		
"2014-08-27	03:00:00"	6.653	132.6	7.091	8.75	2.79	107.7	13.58	3.982	77.84	74.6	3.246	54.73	66.6	26.432	0	0		
"2014-08-27	04:00:00"	6.825	101.1	26.57	11.14	3.516	84.7	24.66	7.561	76.15	73.81	2.332	57.29	65.31	26.421	0	0		
"2014-08-27	05:00:00"	7.117	62.37	9.62	9.95	4.114	61.5	18.25	7.561	72.51	71.53	0.974	70.9	71.86	26.422	0	0.03		
"2014-08-27	06:00:00"	6.682	68.55	8.61	8.75	3.634	65.4	16.03	6.368	70.83	69.56	1.267	73.66	75.2	26.406	0	0		
"2014-08-27	07:00:00"	5.972	91.6	7.782	8.16	3.077	79.54	14.76	4.578	70.96	69.24	1.723	68.13	73.05	26.409	0	0.01		
"2014-08-27	08:00:00"	5.227	101.9	13.69	7.561	2.646	81.5	17.46	3.982	70.44	68.79	1.659	66.34	70.76	26.421	16.288	0		
"2014-08-27	09:00:00"	7.646	141.2	13.56	13.52	4.234	137.5	21.25	9.95	74.2	74.51	-0.31	57.78	59.4	26.439	160.97	0		
"2014-08-27	10:00:00"	8.19	175.1	22.42	13.52	5.187	176	26.7	9.35	78.2	79.25	-1.051	50.84	51.8	26.477	358.8	0		
"2014-08-27	11:00:00"	7.267	213.4	18.35	12.93	5.176	212.3	20.41	9.95	81.6	82.3	-0.643	43.58	46.15	26.507	535.99	0		
"2014-08-27	12:00:00"	4.237	204.3	43.21	9.95	3.177	200.8	48.18	8.16	86.1	86.8	-0.686	37.18	40.41	26.53	707.24	0		
"2014-08-27	13:00:00"	6.229	214	30.5	12.93	4.625	214.9	33.6	11.14	88.6	89.3	-0.681	32.91	36.77	26.535	808.55	0		
"2014-08-27	14:00:00"	5.867	196.4	49.47	14.72	4.208	194.9	49.76	11.14	91.2	92.1	-0.846	29.62	33.37	26.523	873.1	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-27	15:00:00"	5.64	199	63.99	12.33	4.106	202.3	64.71	8.75	92.3	93.2	-0.944	28.35	32.19	26.513	769.37	0		
"2014-08-27	16:00:00"	6.084	176.7	40.29	15.31	4.146	179.8	45.62	10.54	93.1	93.7	-0.631	27.02	30.59	26.492	643.68	0		
"2014-08-27	17:00:00"	7.145	157.6	13.68	14.72	4.094	156.8	22.21	9.95	89.9	89.8	0.187	29.41	34.61	26.46	135.89	0		
"2014-08-27	18:00:00"	3.866	126.4	53.16	17.1	1.928	99	62.79	9.95	88.5	87.1	1.346	32.53	42.52	26.437	52.545	0		
"2014-08-27	19:00:00"	8.07	1.077	16.92	16.51	5.754	358.5	19.47	13.52	84.8	84.4	0.398	38.7	43.37	26.422	38.339	0		
"2014-08-27	20:00:00"	5.497	14.03	13.03	10.54	3.49	12.28	18.62	7.561	86.4	86.1	0.28	37.59	42.19	26.414	87.778	0		
"2014-08-27	21:00:00"	6.178	356.1	13.5	8.75	3.733	348.4	13.46	5.771	84.2	82.9	1.331	40.81	48.11	26.422	4.7976	0		
"2014-08-27	22:00:00"	6.618	26.28	12.6	9.95	3.687	26.36	15.46	6.964	82.7	81.9	0.824	43.32	47.61	26.425	0	0		
"2014-08-27	23:00:00"	6.873	38.26	12.71	11.14	3.614	34.77	16	7.561	81.1	80.3	0.728	48.98	52.41	26.431	0	0		
"2014-08-28	00:00:00"	7.082	34.41	10.2	11.74	3.895	31.43	13.19	7.561	79.9	79.4	0.496	51.12	53.51	26.426	0	0		
"2014-08-28	01:00:00"	6.564	36.43	14.32	9.95	3.685	34.96	17.7	8.16	78.85	78.13	0.723	52.07	54.79	26.418	0	0		
"2014-08-28	02:00:00"	5.286	61.75	16.03	8.16	2.865	65.54	21.69	5.771	77.29	75.39	1.896	55.23	61.16	26.4	0	0		
"2014-08-28	03:00:00"	6.295	148.8	14.85	9.35	1.956	137.1	26.24	4.578	77.16	73.33	3.826	54.14	66.03	26.382	0	0.18		
"2014-08-28	04:00:00"	6.725	152.3	6.11	8.75	2.45	138.4	16.18	4.578	76.81	72.98	3.833	55.59	65.6	26.365	0	0		
"2014-08-28	05:00:00"	5.911	145.5	6.524	8.16	2.227	128.2	14.8	4.578	74.7	72.1	2.597	61.86	67.69	26.352	0	0		
"2014-08-28	06:00:00"	5.376	120.9	9.81	7.561	2.346	87.1	21.79	4.578	72.6	70.35	2.259	67.62	72.1	26.342	0	0		
"2014-08-28	07:00:00"	3.114	167	26.12	5.175	1.075	152.9	88.4	2.789	72.33	69.8	2.539	66.29	71.71	26.338	0	0		
"2014-08-28	08:00:00"	2.585	188.5	8.37	5.175	1	287.7	70.34	1	72.11	69.47	2.64	65.91	72.65	26.34	11.499	0		
"2014-08-28	09:00:00"	5.412	193.3	9.47	9.35	2.894	193.6	16.56	6.964	74.06	74.39	-0.328	64.38	64.65	26.355	141.62	0		
"2014-08-28	10:00:00"	7.61	207.5	10.65	11.74	5.324	207.9	15.3	8.75	78.22	78.99	-0.776	55.85	56.1	26.38	348.33	0		
"2014-08-28	11:00:00"	7.476	223.7	17.6	11.74	5.399	222.7	19.83	8.75	82.2	82.9	-0.631	47.64	49.79	26.401	537.84	0		
"2014-08-28	12:00:00"	6.163	257.5	24.74	13.52	4.802	254.2	30.29	9.95	87	87.7	-0.685	39.09	42.91	26.416	698.56	0		
"2014-08-28	13:00:00"	5.402	246.7	42.91	13.52	4.242	242.5	46.58	9.95	90.7	91.2	-0.444	32.82	36.74	26.416	808.32	0		
"2014-08-28	14:00:00"	7.984	220.6	26.61	18.89	6.045	219.4	31.18	15.31	92	92.5	-0.495	30.46	34.01	26.404	850.68	0		
"2014-08-28	15:00:00"	9.28	237.5	23.07	17.1	7.069	235.7	25.68	13.52	92.8	93.4	-0.581	28.4	32.03	26.388	886.34	0		
"2014-08-28	16:00:00"	8.68	243.7	23.44	17.7	6.59	240.1	25.92	14.72	93.9	94.5	-0.546	25.53	28.97	26.36	794.56	0		
"2014-08-28	17:00:00"	8.79	254.6	25.35	18.89	6.762	250.5	29.1	15.91	94.6	95.2	-0.555	23.89	27.23	26.338	654.86	0		
"2014-08-28	18:00:00"	9.03	269.2	29.92	17.1	6.714	265.5	33.1	14.12	94	94.4	-0.424	25.11	28.33	26.317	442.92	0		
"2014-08-28	19:00:00"	8.09	273.7	33.19	24.86	6.12	270.7	38.29	20.09	93.8	93.7	0.133	22.77	26.22	26.305	298.51	0		
"2014-08-28	20:00:00"	8.98	303.5	13.84	14.72	6.81	304.4	16.11	12.33	92.9	92.5	0.366	21.02	24.12	26.302	132.16	0		
"2014-08-28	21:00:00"	8.6	322.3	8.61	12.93	5.847	324.7	10.69	9.35	88.9	87.3	1.606	25.13	29.76	26.296	6.4431	0		
"2014-08-28	22:00:00"	7.666	354.5	38.28	11.74	4.719	354.7	36.39	8.16	85.5	83.4	2.061	30.87	35.98	26.3	0	0		
"2014-08-28	23:00:00"	8.97	145.2	38.26	17.7	4.979	144.3	44.96	11.74	82.3	81.5	0.823	45.63	48.81	26.311	0	0		
"2014-08-29	00:00:00"	6.199	171.7	15.11	12.93	3.068	172.3	28.5	9.35	80.5	78.95	1.588	50.51	54.69	26.311	0	0		
"2014-08-29	01:00:00"	2.644	152	95	6.368	1.398	335.4	70.16	3.982	77.71	74.97	2.737	56.17	64.58	26.299	0	0		
"2014-08-29	02:00:00"	2.831	145.9	63.33	4.578	1.954	65.48	62.64	3.386	77.72	72.21	5.509	54.98	71.03	26.281	0	0		
"2014-08-29	03:00:00"	5.901	133.7	71.76	18.89	3.513	37.27	72.8	12.93	74.1	71.04	3.052	65.36	73.98	26.267	0	0		
"2014-08-29	04:00:00"	9.88	96.9	11.15	15.31	6.273	93.4	18.54	11.14	69.76	69.3	0.457	80.1	77.41	26.264	0	0		
"2014-08-29	05:00:00"	9.61	109	9.69	15.31	6.131	107	18.44	11.74	68.77	68.43	0.342	84.9	81.2	26.264	0	0		
"2014-08-29	06:00:00"	8.65	122	11.41	13.52	5.135	119.7	19.47	9.95	67.47	67.11	0.354	89.5	85.4	26.258	0	0		
"2014-08-29	07:00:00"	5.338	131	8.74	9.95	2.334	123.1	20.14	6.964	66.67	66.05	0.619	90.4	86.8	26.257	0	0		
"2014-08-29	08:00:00"	3.202	186.9	22.29	5.771	1.058	206.2	33.84	3.386	66.23	65.25	0.973	89.7	87.9	26.265	18.002	0		
"2014-08-29	09:00:00"	5.045	25.65	76.48	13.52	3.188	10.82	41.71	9.95	69.26	70.5	-1.242	81.7	77.81	26.296	162.43	0		
"2014-08-29	10:00:00"	7.964	43.25	12.74	12.93	4.674	38.27	16.41	9.35	72.07	73.31	-1.237	75.47	72.09	26.332	356.22	0		
"2014-08-29	11:00:00"	4.253	18.68	47.57	9.95	3.155	15.83	51.38	7.561	77.04	78.1	-1.057	64.85	64.32	26.365	528.58	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-29	12:00:00"	4.088	25.35	99	8.16	3.118	322.3	95.5	7.561	81.1	81.9	-0.769	56.84	57.56	26.391	723.6		0	
"2014-08-29	13:00:00"	5.95	49.06	40.06	11.74	4.216	43.32	44.72	9.35	83.1	84.4	-1.3	51.55	53.06	26.398	823.34		0	
"2014-08-29	14:00:00"	5.581	36.35	48.95	11.14	4.091	32.18	51.8	10.54	85.8	86.8	-0.963	44.85	47.94	26.397	858.97		0	
"2014-08-29	15:00:00"	5.366	79.75	51.08	11.14	3.886	74	60.24	8.75	88.3	89.1	-0.746	40.38	43.88	26.394	862.67		0	
"2014-08-29	16:00:00"	4.431	104.5	60.65	11.74	3.42	98.1	68.69	8.75	90.9	91.2	-0.301	34.72	38.5	26.38	801.06		0	
"2014-08-29	17:00:00"	6.288	65.16	47.56	13.52	4.414	57.52	56.66	10.54	90.2	91.1	-0.88	34.02	37.23	26.361	621.44		0	
"2014-08-29	18:00:00"	5.473	54.08	48.37	14.72	3.796	46.72	56.48	12.33	90	90.5	-0.433	32.57	35.77	26.344	388.26		0	
"2014-08-29	19:00:00"	6.087	62.42	28.98	13.52	3.802	62.12	31.41	8.75	89.7	89.7	0.011	31.27	34.75	26.344	216.43		0	
"2014-08-29	20:00:00"	5.159	83	12.86	9.35	3.11	82.8	20.72	6.368	88	87.5	0.506	33.83	38.33	26.336	96.47		0	
"2014-08-29	21:00:00"	7.724	86.8	8.71	12.33	4.015	87.4	17.67	8.16	83.4	82	1.424	41.6	46.74	26.339	3.901		0	
"2014-08-29	22:00:00"	9.97	96.6	8.29	14.72	6.342	94.5	16.65	10.54	81	80.2	0.809	47.7	50.4	26.344	0		0	
"2014-08-29	23:00:00"	8.31	100.7	8.52	11.74	5.078	96.4	16.75	9.35	79.61	78.72	0.888	49.27	52.05	26.361	0		0	
"2014-08-30	00:00:00"	10.37	113.3	8.2	16.51	6.236	110.7	17.45	12.33	78.44	77.71	0.733	56.18	57.59	26.373	0		0	
"2014-08-30	01:00:00"	11.19	116.6	8.62	16.51	6.796	114.8	17.15	12.33	76.82	76.21	0.609	62.82	63.36	26.376	0		0	
"2014-08-30	02:00:00"	9.55	123.9	9.69	15.91	5.516	122.2	18.04	9.95	75.27	74.59	0.681	65.22	65.53	26.374	0		0	
"2014-08-30	03:00:00"	5.832	119.5	10.36	9.95	3.203	113.8	18.62	6.368	73.23	72.35	0.879	69.44	69.48	26.371	0		0	
"2014-08-30	04:00:00"	4.88	115.9	11.83	8.16	1.973	96.3	21.54	4.578	70.93	69.59	1.341	75.8	75.71	26.356	0		0	
"2014-08-30	05:00:00"	4.917	90.7	10.64	7.561	2.254	68.59	15.63	3.982	70.06	68.28	1.783	77.24	78.14	26.349	0		0	
"2014-08-30	06:00:00"	5.082	108.5	17.44	7.561	1.815	90.1	25.28	3.386	69.29	67.53	1.766	78.81	79.33	26.347	0		0	
"2014-08-30	07:00:00"	5.863	131.6	21.42	8.75	2.567	127.2	33.63	5.175	67.94	66.5	1.445	81.5	81.1	26.347	0		0	
"2014-08-30	08:00:00"	2.972	191.8	30.38	6.368	1.014	214.4	51.17	2.193	67.83	66.1	1.736	80.8	81.5	26.353	15.333		0	
"2014-08-30	09:00:00"	3.762	164.6	15.51	9.35	2.072	163.2	22.9	6.368	71.07	72.64	-1.57	75.25	70.66	26.37	163.57		0	
"2014-08-30	10:00:00"	8.07	191.6	11.59	12.93	5.36	193	18.26	9.95	76.91	77.94	-1.025	64.76	62.79	26.395	367		0	
"2014-08-30	11:00:00"	8.51	201.6	15.67	12.93	5.92	202.8	20.05	9.95	81.4	82.3	-0.836	55.8	55.68	26.427	555.06		0	
"2014-08-30	12:00:00"	4.987	202.1	44.45	11.14	3.745	201.1	51.55	8.16	86.9	87.1	-0.164	41.01	43.95	26.449	719.85		0	
"2014-08-30	13:00:00"	5.757	152.2	43.03	11.74	4.041	149.7	52.41	8.75	90.5	90.9	-0.419	27.69	30.83	26.457	826.59		0	
"2014-08-30	14:00:00"	5.837	134.3	45.15	14.12	4.197	135.8	58.21	11.14	92.9	93.4	-0.492	22.93	25.84	26.449	909.11		0	
"2014-08-30	15:00:00"	5.115	147.9	73.61	14.72	3.745	162.2	77.23	10.54	93.9	93.7	0.209	20.45	23.65	26.433	720.06		0	
"2014-08-30	16:00:00"	6.076	108.8	59.59	13.52	4.448	106.4	65.46	11.14	95.2	95.7	-0.511	17.8	20.57	26.411	808.31		0	
"2014-08-30	17:00:00"	6.457	99.2	56.86	16.51	4.651	97.4	65.5	12.93	94.8	95.2	-0.374	17.37	19.91	26.393	671.08		0	
"2014-08-30	18:00:00"	7.695	133.7	59.26	21.28	5.396	135	67.4	14.12	94.2	94.7	-0.527	17.84	19.96	26.383	556.72		0	
"2014-08-30	19:00:00"	10.43	113.1	17.1	16.51	6.713	111.4	22.71	12.93	92.1	92.3	-0.164	19.98	22.22	26.377	319.03		0	
"2014-08-30	20:00:00"	9.9	120.4	14.25	18.3	6.031	119.9	21.25	12.93	90	89.4	0.594	21.02	23.44	26.365	119.55		0	
"2014-08-30	21:00:00"	7.772	110	7.216	11.14	4.015	105.2	16.78	8.16	84.9	82.9	2.003	24.99	29.26	26.352	4.4826		0	
"2014-08-30	22:00:00"	9.18	109.9	7.518	14.12	5.02	105.7	16.59	9.35	81.7	79.58	2.077	26.36	30.39	26.347	0		0	
"2014-08-30	23:00:00"	10.5	117.8	7.525	14.72	6.145	116.7	15.97	10.54	80.7	79.54	1.183	29.63	32.32	26.356	0		0	
"2014-08-31	00:00:00"	9.39	131.4	8.32	14.12	4.955	128.4	16.33	9.35	79.61	78.46	1.147	37.21	40.29	26.359	0		0	
"2014-08-31	01:00:00"	8.74	140.5	7.809	15.31	4.291	135.5	16.66	9.35	77.54	76.03	1.509	51.38	54.05	26.351	0		0	
"2014-08-31	02:00:00"	10.1	155.8	8.8	15.31	5.533	154.8	18.28	9.35	77.47	76.58	0.89	57.81	59.24	26.344	0		0	
"2014-08-31	03:00:00"	9.85	164.3	9.23	17.7	5.326	164.5	17.65	12.33	76.9	75.94	0.957	58.99	60.51	26.341	0		0	
"2014-08-31	04:00:00"	12.05	174.9	8.85	18.3	6.85	175.7	17.81	11.74	76.73	76.06	0.671	58.86	59.79	26.335	0		0	
"2014-08-31	05:00:00"	9.96	185.5	9.34	17.1	5.77	187.4	16.71	12.33	75.08	74.42	0.664	62.56	62.86	26.333	0		0	
"2014-08-31	06:00:00"	7.065	189.4	8.1	10.54	3.7	190.1	16.16	6.964	72.85	71.71	1.139	67.85	68.3	26.329	0		0	
"2014-08-31	07:00:00"	5.364	172	6.711	8.16	1.452	170.7	18.17	3.982	70.24	68.45	1.794	74.6	75.35	26.317	0		0	
"2014-08-31	08:00:00"	4.744	189.4	16.46	6.368	1.57	197	24.75	3.386	69.17	67.54	1.632	77.87	78.03	26.307	14.027		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-08-31	09:00:00"	6.965	196.3	10.54	13.52	4.404	199.4	16.01	9.95	71.96	72.82	-0.857	73.24	69.43	26.319	157.04	0		
"2014-08-31	10:00:00"	11.31	187.3	11.52	15.91	7.183	189.1	18.25	12.33	77.47	78.35	-0.885	62.18	60.67	26.347	356.28	0		
"2014-08-31	11:00:00"	11.67	178.8	11.13	15.91	7.244	179.9	20.19	12.33	81.7	82.9	-1.194	53.07	52.91	26.375	540.56	0		
"2014-08-31	12:00:00"	12.16	184.3	14.55	18.89	7.809	185.8	20.96	14.72	86	87.2	-1.211	43.85	45.37	26.394	702.52	0		
"2014-08-31	13:00:00"	10.74	205.1	15.75	17.7	7.301	204.1	19.99	12.93	90.5	91.5	-0.992	34.24	36.78	26.399	810.3	0		
"2014-08-31	14:00:00"	8.69	215.3	22.98	17.7	6.223	215.2	24.73	14.12	94.3	95	-0.71	27.27	29.97	26.386	862.25	0		
"2014-08-31	15:00:00"	7.674	214.8	33.68	16.51	5.583	215.8	35.38	12.93	96.9	97.4	-0.562	22.19	24.85	26.373	859.87	0		
"2014-08-31	16:00:00"	6.022	213.6	36.32	13.52	4.442	215.3	43.47	11.14	98.9	99.3	-0.337	17.84	20.61	26.357	809.61	0		
"2014-08-31	17:00:00"	8.89	206.4	24.26	18.3	6.31	207.7	27.45	13.52	98.4	98.9	-0.511	17.37	19.59	26.337	667.46	0		
"2014-08-31	18:00:00"	9.65	209.2	30.69	20.09	6.599	209.1	32.72	15.31	98.7	99.1	-0.417	16.59	18.83	26.32	528.02	0		
"2014-08-31	19:00:00"	9.1	201.7	19.72	15.31	5.899	201.8	23.31	10.54	98	97.9	0.138	15.86	18.41	26.309	315.91	0		
"2014-08-31	20:00:00"	8.46	179.6	12.7	13.52	4.505	179.1	18.49	9.95	95.2	94	1.168	19.29	23.05	26.295	115.96	0		
"2014-08-31	21:00:00"	8.57	162.6	6.377	11.74	3.721	158.6	15.24	6.964	89.3	86.2	3.13	25.95	31.73	26.28	4.3697	0		
"2014-08-31	22:00:00"	12.18	168.2	8.22	21.28	6.536	168.3	17.69	14.72	88.3	86.8	1.527	29.55	33.17	26.277	0	0		
"2014-08-31	23:00:00"	16.31	168	8.89	29.03	9.32	168.6	17.98	17.7	87	86.2	0.74	33.81	36.68	26.298	0	0		
"2014-09-01	00:00:00"	16.5	173.2	8.96	27.24	9.35	173.9	19	17.7	84.3	83.7	0.6	38.2	41.1	26.307	0	0		
"2014-09-01	01:00:00"	16.32	173.6	8.96	24.86	9.26	173.8	18.22	16.51	81.9	81.4	0.541	42.97	45.29	26.304	0	0		
"2014-09-01	02:00:00"	12.36	180.8	9.37	22.47	7.127	181.8	17.9	16.51	79.83	79.24	0.596	50.79	52.32	26.301	0	0		
"2014-09-01	03:00:00"	11.64	180.5	8.65	18.3	6.677	181.8	17.13	14.72	78.33	77.65	0.688	56.2	57.35	26.291	0	0		
"2014-09-01	04:00:00"	10	178	8.68	15.31	5.644	178.4	17.5	10.54	76.8	76.03	0.774	59.88	60.78	26.276	0	0		
"2014-09-01	05:00:00"	9.35	180.4	9.09	14.72	5.32	181.8	17.48	10.54	75.7	74.85	0.852	62.17	62.93	26.261	0	0		
"2014-09-01	06:00:00"	8.02	187.2	10.76	15.31	4.534	189.9	18.01	9.35	75.08	74.06	1.019	63.73	64.62	26.261	0	0		
"2014-09-01	07:00:00"	8.19	188.7	8.13	14.12	4.542	192	15.71	9.95	74.12	73.08	1.04	66.15	66.7	26.258	0	0		
"2014-09-01	08:00:00"	7.143	205	8.37	9.95	4.008	207.4	13.82	6.964	73.08	72.03	1.049	68.4	68.61	26.265	14.317	0		
"2014-09-01	09:00:00"	8.75	198.9	10.69	15.91	5.505	200.1	16.06	11.74	74.97	75.55	-0.578	65.48	63.54	26.279	161.66	0		
"2014-09-01	10:00:00"	11.55	201.9	9.99	17.7	7.524	201.8	15.64	12.93	79.38	80.1	-0.713	56.82	56.3	26.304	363.24	0		
"2014-09-01	11:00:00"	10.3	214.8	12.17	14.72	7.138	213.5	16	12.93	83.6	84.4	-0.741	46.92	48.24	26.333	551.22	0		
"2014-09-01	12:00:00"	7.571	238.6	21.33	12.93	5.771	235	23.07	11.14	89.4	89.8	-0.484	33.71	36.55	26.354	713.76	0		
"2014-09-01	13:00:00"	4.839	240.6	37.94	11.14	3.722	236	42.34	9.95	94.9	95.1	-0.225	24.36	27.31	26.362	825.08	0		
"2014-09-01	14:00:00"	4.535	224.8	48.85	12.93	3.485	221.6	54.91	11.74	99.4	99.1	0.254	18.34	21.59	26.358	876.19	0		
"2014-09-01	15:00:00"	5.47	260.9	63.4	13.52	4.322	261.9	65.45	12.33	100.6	100.8	-0.198	13.82	16.56	26.348	869.3	0		
"2014-09-01	16:00:00"	6.948	228.3	61.33	17.7	5.157	224.7	59.53	13.52	101.7	101.7	-0.043	11.13	13.48	26.329	732.53	0		
"2014-09-01	17:00:00"	7.681	243.3	45.47	18.89	5.671	239.9	49.39	13.52	101.3	101.7	-0.492	10.21	12.02	26.313	691.98	0		
"2014-09-01	18:00:00"	5.956	221	50.98	18.3	4.201	218.6	50.98	14.72	101.5	101.8	-0.35	11.29	13.41	26.304	517.81	0		
"2014-09-01	19:00:00"	6.389	234.4	23.13	12.93	4.659	230.7	30.01	10.54	100.3	100	0.343	11.56	13.76	26.298	319.6	0		
"2014-09-01	20:00:00"	6.878	218.2	20.93	19.49	4.015	213.1	22.83	9.35	98.4	96.9	1.464	12.69	16.09	26.289	117.13	0		
"2014-09-01	21:00:00"	5.662	202.4	14.89	8.75	2.338	163.7	43.42	5.175	93.9	88.7	5.222	15.26	22.88	26.28	3.922	0		
"2014-09-01	22:00:00"	2.079	238.8	55.85	6.368	1.402	53.22	60.2	3.386	88.2	83.6	4.665	20.73	30.24	26.269	0	0		
"2014-09-01	23:00:00"	9.29	167.2	22.35	17.7	5.096	164.2	35.99	12.33	86.7	84	2.652	31.95	37.71	26.28	0	0		
"2014-09-02	00:00:00"	12.08	177.8	9.1	20.09	6.708	180.6	17.4	14.12	85.7	84.6	1.065	40.63	44.23	26.303	0	0		
"2014-09-02	01:00:00"	11.94	174.6	10.01	21.28	6.649	177.3	18.31	15.91	83.7	82.9	0.811	45.71	48.54	26.311	0	0		
"2014-09-02	02:00:00"	12.46	178	9.01	18.89	7.14	181.7	18.28	13.52	81.9	81.1	0.755	47.86	50.21	26.308	0	0		
"2014-09-02	03:00:00"	10.81	176.6	8.6	16.51	6.076	179.9	17.56	11.14	79.95	79.1	0.843	51.05	53.08	26.296	0	0		
"2014-09-02	04:00:00"	9.14	175.6	9.39	14.72	4.926	178.2	18.31	9.95	78.15	77.06	1.084	54.1	56.13	26.288	0	0		
"2014-09-02	05:00:00"	8.74	173.8	8.35	12.33	4.537	177.7	17.47	7.561	76.42	75.23	1.195	56.96	58.8	26.281	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-02	06:00:00"	7.953	177.8	9.06	11.74	4.212	185.4	17.58	8.16	75	73.69	1.311	58.75	60.52	26.274	0	0		
"2014-09-02	07:00:00"	5.937	173.6	10.6	9.35	2.12	177.1	18.5	5.175	73.29	71.08	2.21	60.63	63.81	26.278	0	0		
"2014-09-02	08:00:00"	5.842	179.2	8.07	7.561	2.031	188.9	15.15	3.982	71.33	68.83	2.501	64.1	67.31	26.279	13.763	0		
"2014-09-02	09:00:00"	9.25	177	8.87	20.09	5.356	180.8	17.88	14.72	74.12	74.57	-0.446	61.69	60.3	26.295	159.61	0		
"2014-09-02	10:00:00"	13.2	178.2	10.62	18.3	7.955	182.6	18.61	14.12	78.52	79.38	-0.854	57.66	56.61	26.324	359.82	0		
"2014-09-02	11:00:00"	10.88	190.4	13.23	17.7	7.146	193.8	18.13	12.93	82.7	83.8	-1.021	50.5	50.65	26.347	546.74	0		
"2014-09-02	12:00:00"	8.95	199.9	16.19	14.72	6.206	202.7	19.71	11.74	87.8	88.7	-0.932	39.99	42.07	26.367	709.1	0		
"2014-09-02	13:00:00"	7.044	195.7	21.05	13.52	5.067	198.9	26.39	11.14	93.2	93.8	-0.528	29.79	32.38	26.38	817.41	0		
"2014-09-02	14:00:00"	6.662	174.3	32.56	14.12	4.872	176.5	38.22	10.54	97.1	97.5	-0.412	23.33	26.12	26.378	868.98	0		
"2014-09-02	15:00:00"	8.03	174.2	29.05	14.72	5.527	177.7	35.5	11.74	99.5	100.4	-0.907	17.88	20.27	26.371	865.11	0		
"2014-09-02	16:00:00"	7.316	157.1	46.18	15.31	4.946	155.9	55.48	11.74	101.1	101.8	-0.672	14.13	16.56	26.359	779.1	0		
"2014-09-02	17:00:00"	6.248	185	58.64	18.3	4.664	191.3	64.23	21.28	102.2	102.5	-0.241	12.83	15.05	26.34	705.6	0		
"2014-09-02	18:00:00"	7.164	193.1	30.58	18.3	4.822	194.7	36.1	14.72	100.3	100.5	-0.195	14.86	17.28	26.324	378.49	0		
"2014-09-02	19:00:00"	10.66	155.7	25.58	19.49	6.153	154.6	29.34	13.52	98.1	97.9	0.18	19.1	21.68	26.307	264.36	0		
"2014-09-02	20:00:00"	14.63	133.8	8.51	26.05	8.49	132.8	17.58	18.3	93.6	93.2	0.49	25.73	28.26	26.296	66.284	0		
"2014-09-02	21:00:00"	14.67	139.7	9.03	24.86	8.53	139.7	17.54	16.51	89.4	88.9	0.579	32.33	35.02	26.298	4.6527	0		
"2014-09-02	22:00:00"	19.12	148.6	8.78	30.22	10.76	147.7	17.63	19.49	87.6	87.1	0.51	35.36	38.08	26.317	0	0		
"2014-09-02	23:00:00"	17.25	156.3	8.87	25.45	9.72	155.5	18.67	18.89	84.8	84.3	0.517	40.18	42.9	26.337	0	0		
"2014-09-03	00:00:00"	14.19	159.6	8.96	23.66	8.18	159.5	18.3	15.91	82.5	81.9	0.604	44.85	47.12	26.348	0	0		
"2014-09-03	01:00:00"	10.78	159.5	10.18	18.89	5.947	158.4	18.92	12.93	80.3	79.53	0.789	49.73	51.7	26.349	0	0		
"2014-09-03	02:00:00"	11.02	162.4	8.54	17.7	6.111	161.4	18.38	12.93	78.81	77.94	0.868	53.55	55.18	26.336	0	0		
"2014-09-03	03:00:00"	9.21	164	8.42	15.91	4.999	163.5	17.73	10.54	77.41	76.47	0.943	56.37	57.82	26.323	0	0		
"2014-09-03	04:00:00"	7.056	157.8	7.229	11.74	3.063	151.2	16.34	6.368	74.68	72.65	2.03	61.39	64.19	26.305	0	0		
"2014-09-03	05:00:00"	8.39	166.4	8.27	14.12	4.364	165.7	18.45	8.75	74.17	72.94	1.23	63.1	64.13	26.296	0	0		
"2014-09-03	06:00:00"	7.592	154.9	7.679	12.93	3.807	152.2	17.92	7.561	72.75	71.48	1.268	70.73	70.68	26.297	0	0		
"2014-09-03	07:00:00"	7.822	155.4	8.64	11.74	4.085	153.8	17.74	6.964	71.82	70.79	1.036	76.81	75.69	26.298	0	0		
"2014-09-03	08:00:00"	10.61	156.9	8.92	17.7	5.913	155.6	18.18	11.74	71.6	70.98	0.624	78.83	76.79	26.307	12.548	0		
"2014-09-03	09:00:00"	12.99	158.6	9.72	22.47	7.486	158.5	18.75	15.91	72.92	73.66	-0.741	77.61	73.31	26.324	146.79	0		
"2014-09-03	10:00:00"	17	168.6	11.58	23.66	9.97	168.8	20.21	16.51	75.22	76.34	-1.124	74.29	70.11	26.347	355.11	0		
"2014-09-03	11:00:00"	14.89	172.8	12.88	23.07	9.08	173.9	20.76	17.7	78.12	79.55	-1.424	67.19	63.92	26.367	531.55	0		
"2014-09-03	12:00:00"	14.7	166	13.44	23.07	8.9	166.3	21.72	16.51	81.2	83	-1.776	60.07	57.76	26.383	695.51	0		
"2014-09-03	13:00:00"	13.8	166.8	14.26	23.07	8.46	168.1	23.43	15.31	84.3	86.2	-1.933	52.49	51.49	26.386	803.95	0		
"2014-09-03	14:00:00"	13.87	162.9	16.08	22.47	8.55	162.3	23.55	15.31	87	89	-1.954	45.17	45.6	26.38	854.42	0		
"2014-09-03	15:00:00"	14.49	159.9	17.25	24.26	8.91	161.7	24.78	17.1	89.4	91.3	-1.907	38.3	39.75	26.372	848.75	0		
"2014-09-03	16:00:00"	16.1	159.5	15.02	32.01	9.74	159.3	22.84	20.09	90.8	92.6	-1.792	34.26	35.81	26.359	789.2	0		
"2014-09-03	17:00:00"	17.06	163	13.2	27.84	10.19	163.9	21.52	20.68	90.6	92.3	-1.654	36.42	37.99	26.343	658.58	0		
"2014-09-03	18:00:00"	17.23	161.1	12.01	28.43	10.09	162.6	20.34	19.49	89.6	90.6	-1.069	37.07	39.06	26.337	414.63	0		
"2014-09-03	19:00:00"	17.56	161.1	10.25	27.84	10.14	162.7	18.69	17.7	87.2	87.5	-0.334	40.74	43.17	26.342	209.31	0		
"2014-09-03	20:00:00"	16.71	150	9.36	24.86	9.54	150.1	18.31	18.3	84.7	84.6	0.143	43.67	45.95	26.336	58.997	0		
"2014-09-03	21:00:00"	16.28	155.9	9.47	25.45	9.18	155.2	19.01	18.89	82.9	82.5	0.395	46.61	48.62	26.335	2.6509	0		
"2014-09-03	22:00:00"	13.2	158.2	8.48	22.47	7.564	157.2	17.83	15.91	81.2	80.6	0.549	49.38	51.18	26.341	0	0		
"2014-09-03	23:00:00"	13.48	164	8.88	21.87	7.629	163.8	17.33	14.72	79.46	79	0.462	54.58	55.52	26.344	0	0		
"2014-09-04	00:00:00"	14.83	159.3	8.43	22.47	8.49	159.1	17.76	14.72	76.99	76.6	0.386	59.95	60.01	26.34	0	0		
"2014-09-04	01:00:00"	17.35	161.1	9.06	30.82	9.83	161.5	18.37	21.28	74.51	74.16	0.352	65.53	64.59	26.331	0	0		
"2014-09-04	02:00:00"	15.08	162.2	8.83	26.05	8.71	163	17.78	20.09	72.06	71.71	0.346	71.02	69.07	26.319	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-04	03:00:00"	14.76	162.8	9.6	26.05	8.52	163.3	18.86	17.7	70.84	70.51	0.336	74.69	72.12	26.307	0	0		
"2014-09-04	04:00:00"	13.86	170.7	9.29	24.86	8.1	172.5	17.73	19.49	69.64	69.38	0.261	80.1	76.56	26.308	0	0		
"2014-09-04	05:00:00"	12.75	171.9	9.97	22.47	7.354	174.2	18.81	17.1	69.29	69.16	0.125	81.8	77.95	26.307	0	0		
"2014-09-04	06:00:00"	15.48	166.8	9.22	23.66	8.93	168	18.11	16.51	69.07	69.05	0.022	81.9	77.8	26.31	0	0		
"2014-09-04	07:00:00"	12.64	163.7	9.5	19.49	7.196	165	19.13	14.12	67.97	67.79	0.178	85	80.7	26.313	0	0		
"2014-09-04	08:00:00"	11.28	155.2	11	17.7	6.252	155.5	19.16	12.93	67.72	67.61	0.109	85.6	81.2	26.317	4.3252	0		
"2014-09-04	09:00:00"	14.64	164.8	9.28	22.47	8.69	165.4	18.77	16.51	68.86	69.12	-0.262	82.6	77.94	26.339	73.493	0		
"2014-09-04	10:00:00"	17.07	167.3	10.85	24.86	9.98	168	19.47	18.3	71.84	72.92	-1.074	75.78	71.02	26.36	335.18	0		
"2014-09-04	11:00:00"	18.33	171	11.19	27.24	10.9	171.3	19.47	18.89	75.56	77	-1.446	67.05	63.52	26.388	521.24	0		
"2014-09-04	12:00:00"	18.26	168.7	13.3	27.84	10.85	170.4	21.16	20.09	78.24	80	-1.792	60.57	57.82	26.406	695.89	0		
"2014-09-04	13:00:00"	17.07	169.6	12.92	26.65	10.36	171.3	21.02	21.87	80.7	82.6	-1.901	54.83	53.06	26.411	706.32	0		
"2014-09-04	14:00:00"	17.47	168.2	13.62	27.24	10.38	168.9	21.47	21.28	82.6	84.6	-1.965	50.31	49.37	26.406	768.75	0		
"2014-09-04	15:00:00"	18.32	173.1	13.77	29.63	11.06	174.1	21.47	22.47	85.7	87.6	-1.886	42.22	42.8	26.396	760.99	0		
"2014-09-04	16:00:00"	20.82	161.5	12.37	38.57	12.22	160.7	20.31	23.07	86.4	88.2	-1.767	39.06	40.21	26.381	725.96	0		
"2014-09-04	17:00:00"	20.97	166	12.66	35	12.37	166.7	20.56	23.07	86.7	88.1	-1.429	37.81	39.19	26.365	578.38	0		
"2014-09-04	18:00:00"	21.95	154.7	11.55	35	12.62	154	19.91	23.07	85	85.6	-0.578	38.35	40.42	26.358	261.62	0		
"2014-09-04	19:00:00"	23.41	153.7	9.49	33.8	13.52	153.7	18.44	24.86	82.7	82.9	-0.216	33.82	35.71	26.361	152.19	0		
"2014-09-04	20:00:00"	24.33	152.1	9.34	36.19	13.82	151.9	18.4	26.05	81.3	81.4	-0.012	32.48	34.05	26.355	82.555	0		
"2014-09-04	21:00:00"	20.57	152.9	9.37	32.61	11.54	152.7	18.37	23.07	79.41	79.16	0.25	41	42.52	26.355	1.0066	0		
"2014-09-04	22:00:00"	17.49	155.3	8.86	29.03	9.9	155.1	18.08	18.89	77.98	77.66	0.323	48.16	49.29	26.365	0	0		
"2014-09-04	23:00:00"	15.38	155.8	9.03	26.05	8.94	155.5	18.61	17.7	77.26	76.95	0.312	50.21	51.07	26.386	0	0		
"2014-09-05	00:00:00"	15.8	151.5	9.04	26.65	8.82	150.5	18.76	17.1	75.98	75.62	0.353	55.06	55.38	26.389	0	0		
"2014-09-05	01:00:00"	17.64	152.8	8.89	26.65	9.93	151.1	18.15	18.89	74.75	74.48	0.274	57.68	57.44	26.387	0	0		
"2014-09-05	02:00:00"	15.23	160.3	9.93	25.45	8.72	159.6	18.95	17.7	73.75	73.48	0.271	60.01	59.34	26.393	0	0		
"2014-09-05	03:00:00"	14.63	151.6	8.88	23.07	8.25	150.6	18.33	17.1	72.66	72.37	0.29	65.36	63.97	26.393	0	0		
"2014-09-05	04:00:00"	12.36	146.8	9.49	19.49	7.116	144.4	18.33	14.12	71.9	71.65	0.246	70.77	68.61	26.389	0	0		
"2014-09-05	05:00:00"	9.9	138	9.85	15.31	5.685	135.8	17.97	11.14	70.42	69.99	0.432	75.96	73.35	26.382	0	0		
"2014-09-05	06:00:00"	9.18	130.9	9.84	14.12	5.328	127.7	17.78	9.95	69.51	69.07	0.442	79.9	76.84	26.378	0	0		
"2014-09-05	07:00:00"	9.68	128.2	11.38	15.31	5.928	126.4	19.31	10.54	69.96	69.94	0.026	80.1	76.39	26.393	0	0		
"2014-09-05	08:00:00"	10.49	141	9.73	17.1	6.097	139.5	19.25	12.33	70.6	70.62	-0.019	80	76.31	26.411	6.0078	0		
"2014-09-05	09:00:00"	12.2	145.9	9.7	17.7	7.054	144.9	19.1	12.93	71.35	71.58	-0.226	79.82	75.99	26.421	52.927	0		
"2014-09-05	10:00:00"	14.52	153.4	11.32	24.26	8.44	152.4	19.57	16.51	72.39	72.69	-0.308	76.84	73.41	26.432	82.124	0		
"2014-09-05	11:00:00"	15.87	161.7	10.18	24.26	9.47	161.6	19.07	16.51	74.63	75.6	-0.974	71.22	67.81	26.448	329.26	0		
"2014-09-05	12:00:00"	13.93	174.8	14.3	20.68	8.55	176.1	21.17	14.72	76.23	77.36	-1.134	66.99	64.09	26.465	360.67	0		
"2014-09-05	13:00:00"	13.02	171.4	14.58	20.68	8.07	172.8	22.26	15.31	78.51	79.97	-1.456	61.86	59.41	26.467	445.35	0		
"2014-09-05	14:00:00"	12.49	159.9	11.94	19.49	7.402	159	20.55	15.91	78.33	79.32	-0.986	62.31	61.15	26.457	295.68	0		
"2014-09-05	15:00:00"	13.17	144.7	11.4	19.49	7.933	142.1	19.76	15.31	78.99	79.94	-0.949	61.1	59.85	26.435	296.98	0		
"2014-09-05	16:00:00"	12.13	119.2	26.18	23.66	7.794	117.3	31.35	17.7	76.67	77.22	-0.556	69.06	68.07	26.42	200.88	0		
"2014-09-05	17:00:00"	15.47	150.5	12.47	24.86	8.93	148.7	20.77	18.89	78.69	78.83	-0.136	63.21	64.53	26.389	311.08	0		
"2014-09-05	18:00:00"	18.68	156.7	10.88	27.24	10.79	156.8	19.14	18.89	78.92	79.32	-0.407	59.05	58.95	26.388	194.61	0		
"2014-09-05	19:00:00"	14.92	155.2	9.11	25.45	8.62	154.6	18.48	16.51	76.48	76.44	0.043	61.29	61.06	26.396	46.514	0		
"2014-09-05	20:00:00"	10.99	152.7	9.77	17.1	6.24	152.5	18.84	12.33	76.39	76.15	0.238	60.02	60.63	26.403	38.746	0		
"2014-09-05	21:00:00"	10.29	137	12.86	16.51	5.987	135.3	20.29	12.93	75.44	75.09	0.346	59.14	59.44	26.42	1.035	0		
"2014-09-05	22:00:00"	10.63	129	9.17	17.7	6.388	126.9	17.01	12.33	73.86	73.69	0.169	66.32	65.06	26.444	0	0		
"2014-09-05	23:00:00"	7.884	130.9	10.48	13.52	4.604	128	18.36	9.35	72.39	71.94	0.447	72.4	71.5	26.458	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-06	00:00:00"	7.104	129.8	10.61	12.33	3.798	124.9	18.99	9.35	70.24	69.21	1.024	79.91	80.3	26.458		0		0
"2014-09-06	01:00:00"	4.758	109.5	13.92	10.54	2.135	97.8	21.11	6.964	69.41	68.52	0.893	83.4	83.7	26.453		0		0
"2014-09-06	02:00:00"	5.918	73.49	25.63	11.14	3.05	65.32	26.78	6.964	69.66	68.87	0.791	83	82.6	26.456		0		0
"2014-09-06	03:00:00"	8.67	56	14.56	12.33	5.029	52.63	20.17	8.75	69.18	68.99	0.191	87.3	83.9	26.457		0		0
"2014-09-06	04:00:00"	11.07	67.11	8.77	17.1	6.905	62.42	16.99	13.52	68.41	68.36	0.051	90.4	86.1	26.455		0		0
"2014-09-06	05:00:00"	12.67	61.43	9.19	19.49	7.87	57.83	16.78	14.72	67.27	67.21	0.059	91.9	87.3	26.452		0		0
"2014-09-06	06:00:00"	13.48	54.06	11.17	22.47	7.635	49.54	18.18	13.52	66.45	66.47	-0.019	91.4	86.6	26.451		0		0
"2014-09-06	07:00:00"	15.47	47.55	9.59	24.26	8.24	42.15	15.27	15.91	65.24	65.35	-0.113	92.4	86.9	26.455		0		0
"2014-09-06	08:00:00"	16.22	56.58	10.4	25.45	9.55	52.27	17.29	18.89	64.41	64.54	-0.134	92.8	86.9	26.462	1.0192			0
"2014-09-06	09:00:00"	16.91	49.69	9.51	26.05	9.16	44.02	15.75	19.49	63.51	63.6	-0.094	93.7	88.3	26.471	14.369			0
"2014-09-06	10:00:00"	17.79	53.62	10.55	27.24	10.03	48.6	17.38	19.49	62.71	62.8	-0.094	92.7	87.3	26.473	37.558			0
"2014-09-06	11:00:00"	17.36	52.81	11.83	27.24	9.66	47.8	18.1	17.7	62.37	62.64	-0.272	93.7	87.9	26.488	79.508			0
"2014-09-06	12:00:00"	16.62	41.6	9.71	26.05	9.03	36.45	14.03	20.68	61.63	61.91	-0.273	93.3	87.5	26.497	101.91			0
"2014-09-06	13:00:00"	16.36	37.5	10.06	24.26	8.83	33.1	12.79	18.89	61.45	61.7	-0.256	92.1	86.3	26.498	117.46			0
"2014-09-06	14:00:00"	16.44	36.42	9.67	25.45	8.93	32.72	13.38	18.89	61.12	61.41	-0.292	93.8	87.6	26.488	107.48			0
"2014-09-06	15:00:00"	14.31	38.8	10.12	21.87	7.604	33.13	12.64	15.91	61.34	61.53	-0.196	94	87.8	26.486	54.623			0
"2014-09-06	16:00:00"	13.46	41.22	10.25	21.28	7.155	37.12	14.33	16.51	61.4	61.61	-0.203	94	87.9	26.485	59.688			0
"2014-09-06	17:00:00"	14.26	46.65	9.32	21.87	7.593	41.45	15.26	16.51	61.81	62.1	-0.287	92.8	87.3	26.471	119.88			0
"2014-09-06	18:00:00"	13.97	49.09	10.16	20.68	7.614	43.71	15.62	15.91	62.55	62.79	-0.241	90.6	85.5	26.468	123.1			0
"2014-09-06	19:00:00"	13.73	47.57	10	21.87	7.48	41.88	15.14	15.91	62.77	62.99	-0.22	90.1	84.7	26.464	64.06			0
"2014-09-06	20:00:00"	13.27	55.08	11.83	19.49	7.622	50.26	18.19	13.52	62.24	62.43	-0.188	92.2	86.1	26.465	24.675			0
"2014-09-06	21:00:00"	11.12	55.79	11.26	18.3	6.652	50.66	17.95	14.12	62.08	62.18	-0.102	93.2	87.1	26.475	1.0357			0
"2014-09-06	22:00:00"	11.5	65.68	10.79	17.7	7.124	62.3	18.57	14.12	61.72	61.77	-0.051	92.8	86.9	26.494	0			0
"2014-09-06	23:00:00"	11.57	61.3	10.15	15.91	7.108	58.04	18.08	12.33	61.96	62	-0.034	92.4	86.5	26.508	0			0
"2014-09-07	00:00:00"	11.55	51.34	10.26	18.3	6.469	45.77	16.88	13.52	61.86	62.03	-0.165	94.9	88.3	26.51	0			0
"2014-09-07	01:00:00"	11.88	49.78	9.85	18.89	6.493	44.37	16.17	15.31	61.33	61.53	-0.21	97	90.2	26.505	0			0
"2014-09-07	02:00:00"	11.38	50.07	10.62	17.7	6.282	44.43	16.16	14.12	61.41	61.59	-0.175	97.6	90.3	26.5	0			0
"2014-09-07	03:00:00"	11.94	48.45	9.94	19.49	6.516	42.69	15.6	13.52	61.12	61.3	-0.184	97.9	89.5	26.488	0			0
"2014-09-07	04:00:00"	10.53	46.7	9.71	15.91	5.672	41.47	15.25	10.54	60.88	61.01	-0.128	97.5	89.9	26.476	0			0
"2014-09-07	05:00:00"	9.98	51.74	10.51	15.31	5.504	46.39	17.05	10.54	61.07	61.16	-0.086	96.5	90.1	26.469	0			0
"2014-09-07	06:00:00"	11.16	64.52	8.76	15.91	6.826	61.77	17.31	11.14	61.12	61.14	-0.019	96.2	89.7	26.463	0			0
"2014-09-07	07:00:00"	10.15	67.45	8.63	15.31	6.293	64.11	17.63	10.54	61.36	61.38	-0.021	96.4	89.7	26.465	0			0
"2014-09-07	08:00:00"	10.59	71.45	9.03	15.31	6.47	67.45	18.84	11.74	61.35	61.42	-0.078	96.6	89.8	26.464	3.3057			0
"2014-09-07	09:00:00"	9.84	76.58	9.38	15.31	5.926	73.64	20.04	11.14	61.58	61.69	-0.11	96.6	90	26.476	13.747			0
"2014-09-07	10:00:00"	9.01	78.79	9.96	14.12	5.403	75.12	19.71	11.14	62.02	62.23	-0.21	96.5	90.1	26.486	45.502			0
"2014-09-07	11:00:00"	10.38	78.7	9.58	15.31	6.193	77.02	19.64	10.54	62.53	62.83	-0.295	96.1	89.9	26.5	73.09			0
"2014-09-07	12:00:00"	8.1	83.7	12.6	13.52	5.008	83.8	21.87	9.95	62.85	63.19	-0.346	96.7	90.1	26.514	57.929			0
"2014-09-07	13:00:00"	6.471	78.66	10.36	9.95	3.97	77.6	20.42	8.16	63.31	63.69	-0.381	96.1	90.2	26.512	83.719	0.03		
"2014-09-07	14:00:00"	5.885	76.16	11.45	8.75	3.681	74.26	21.56	6.368	63.99	64.4	-0.411	95.4	90	26.505	83.719			0
"2014-09-07	15:00:00"	5.255	79.87	14.93	8.16	3.499	79.04	23.84	6.368	65.53	66.04	-0.511	93	89.1	26.488	213.05	0.01		
"2014-09-07	16:00:00"	4.923	100.8	21.62	8.75	3.154	99.5	30.33	6.368	68.01	68.56	-0.55	87.3	83.7	26.474	278	0.01		
"2014-09-07	17:00:00"	3.265	112	34.19	6.368	1.807	109	57.18	5.175	69.83	70.34	-0.503	82.2	78.38	26.461	195.59	0.14		
"2014-09-07	18:00:00"	3.383	120.1	18.26	5.771	1.769	119.3	27.91	4.578	70.31	70.74	-0.433	80.9	77.14	26.447	164.04	0.16		
"2014-09-07	19:00:00"	1.934	115.9	45.07	4.578	1.041	112.9	54.68	2.789	71.08	71.27	-0.182	79	76.05	26.442	86.482	1.11		
"2014-09-07	20:00:00"	1.729	85.4	28.37	3.386	1.003	83.6	46.78	2.193	70.45	70.39	0.063	80.3	77.79	26.439	19.171	0.66		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-07	21:00:00"	2.626	88	15.55	3.982	1.003	86.5	20.58	1.596	69.99	69.69	0.293	82	80.2	26.435	0.44905		0	
"2014-09-07	22:00:00"	4.247	99.7	23.01	6.964	1.048	108	28.38	2.789	69.26	68.13	1.133	85	84.4	26.439		0	0	
"2014-09-07	23:00:00"	5.705	114.3	13.01	9.35	2.023	104.9	22.49	5.771	67.46	66.23	1.23	89.2	88	26.441		0	0	
"2014-09-08	00:00:00"	4.966	129.7	7.483	6.964	1.039	121.3	15.07	2.789	66.59	65.49	1.097	90.6	88.5	26.441		0	0	
"2014-09-08	01:00:00"	4.586	136.9	7.806	6.368	1	127.1	17.07	1	65.6	64.55	1.05	92.8	89.5	26.432		0	0	
"2014-09-08	02:00:00"	5.768	139.2	15.16	8.75	2.053	136.3	28.58	5.771	65.43	64.69	0.747	94.8	90.4	26.419		0	0	
"2014-09-08	03:00:00"	3.83	151	13.85	5.771	1.309	142.8	25.45	3.386	65.41	64.99	0.412	95.5	90.5	26.423		0	0	
"2014-09-08	04:00:00"	3.167	161.5	7.119	5.771	1.071	140.8	19.83	3.386	65.26	64.57	0.697	94.6	90.3	26.421		0	0	
"2014-09-08	05:00:00"	1.62	109.1	14.43	2.789	1	67.89	11.36	1	64.65	63.92	0.725	95.3	90.3	26.408		0	0	
"2014-09-08	06:00:00"	2.78	102.4	10.16	3.982	1.003	76.05	16.08	1.596	64.37	63.24	1.136	95.9	90.1	26.398		0	0	
"2014-09-08	07:00:00"	3.844	84.8	11.18	5.771	1.451	66.34	14.41	2.789	63.56	62.71	0.855	96.9	89.8	26.386		0	0	
"2014-09-08	08:00:00"	4.226	55.5	13.21	5.175	1.795	51.57	17.3	3.386	62.91	62.48	0.428	97.3	89.7	26.386	9.0682		0	
"2014-09-08	09:00:00"	4.375	91.9	22.77	8.75	2.365	88.3	29.42	5.175	65.18	65.74	-0.567	95.4	91	26.395	137.2		0	
"2014-09-08	10:00:00"	7.563	139.8	10.44	11.74	4.592	140.3	18.32	8.75	68.1	68.57	-0.474	89.4	86.5	26.416	186.73		0	
"2014-09-08	11:00:00"	8.21	171.8	17.54	13.52	5.071	173.8	24.82	9.95	69.83	70.68	-0.843	86.3	81.5	26.439	237.37		0	
"2014-09-08	12:00:00"	8.17	200.6	12.93	12.93	5.573	202.8	17.6	9.95	72.37	73.2	-0.835	79.57	75.36	26.457	334		0	
"2014-09-08	13:00:00"	8.15	208.4	14.69	15.31	5.905	208.4	18.92	11.74	75.89	77	-1.11	71.44	68.22	26.462	738.25	0.01		
"2014-09-08	14:00:00"	8.52	207.9	18.36	14.12	6.088	209	21.88	11.14	78.86	80.1	-1.256	65.43	63.28	26.462	819.31		0	
"2014-09-08	15:00:00"	9.05	201.5	22.9	15.91	6.266	201.7	26.46	12.93	81.4	82.7	-1.262	58.12	57.32	26.45	803.09		0	
"2014-09-08	16:00:00"	9.1	212	19.83	15.31	6.59	213.2	22.32	12.93	83.9	84.9	-0.99	49.9	51.37	26.432	750.34		0	
"2014-09-08	17:00:00"	9	204	19.93	15.91	6.264	203.7	22.89	11.74	85.2	86.3	-1.026	44.89	47.15	26.415	616		0	
"2014-09-08	18:00:00"	9.21	198.6	17.37	16.51	6.279	199.7	20.85	11.74	85.8	86.6	-0.85	44.42	46.78	26.399	476.94		0	
"2014-09-08	19:00:00"	10.75	185.9	18.51	17.1	6.606	187.2	23.64	11.74	85.2	85.6	-0.44	46.03	48.6	26.385	282.3		0	
"2014-09-08	20:00:00"	8.82	179.7	10.11	15.91	4.941	179.1	17.9	11.14	83	82.3	0.637	49.97	53.58	26.383	74.69		0	
"2014-09-08	21:00:00"	7.078	162.9	9.94	8.75	2.925	154.9	18.51	4.578	78.36	76.14	2.227	58.79	64.88	26.364	0.93882		0	
"2014-09-08	22:00:00"	6.471	150.7	4.414	8.75	2.386	133.2	12.66	4.578	76.65	73.82	2.83	62.26	69.54	26.36		0	0	
"2014-09-08	23:00:00"	7.538	152.4	5.721	9.95	3.186	143.1	15.13	5.175	75.37	72.92	2.453	65.23	70.78	26.36		0	0	
"2014-09-09	00:00:00"	8.24	154.4	8.93	13.52	4.009	149	17.27	8.75	74.66	72.88	1.779	65	68.6	26.361		0	0	
"2014-09-09	01:00:00"	11.19	166.1	8.54	15.31	6.216	165.2	17.62	11.74	75.38	74.39	0.99	61.46	63.35	26.364		0	0	
"2014-09-09	02:00:00"	10.81	172.1	8.41	17.7	6.03	173.2	17.66	11.14	74.14	73.33	0.808	65.42	66.18	26.363		0	0	
"2014-09-09	03:00:00"	7.6	182.9	7.52	11.74	3.97	183.8	16.02	7.561	72.16	71.13	1.036	70.94	71.34	26.36		0	0	
"2014-09-09	04:00:00"	6.649	182	7.668	9.35	3.163	182.5	16.48	5.175	70.46	69.19	1.27	75.6	75.83	26.345		0	0	
"2014-09-09	05:00:00"	6.612	177.6	9.89	8.75	3.011	177.9	19.15	5.771	68.95	67.52	1.43	79.54	79.58	26.324		0	0	
"2014-09-09	06:00:00"	6.231	187.1	7.463	8.75	2.85	188.8	15.15	5.175	68.39	67.11	1.279	80.7	80.1	26.316		0	0	
"2014-09-09	07:00:00"	4.382	189.4	10.75	6.368	1.343	192.6	18.73	3.386	67.18	65.7	1.48	83	82.5	26.31		0	0	
"2014-09-09	08:00:00"	4.221	186.4	11.7	6.964	1.242	179.3	22.7	3.386	67.05	65.53	1.514	82.5	82.4	26.307	9.2399		0	
"2014-09-09	09:00:00"	6.541	183.1	14.34	11.14	3.643	180.8	23.65	8.16	69.26	69.89	-0.632	78.22	74.67	26.318	136.1		0	
"2014-09-09	10:00:00"	10.67	192.9	10.5	16.51	6.916	193.8	17.44	13.52	74.66	75.44	-0.776	66.59	64.87	26.347	331.5		0	
"2014-09-09	11:00:00"	11.11	197.2	10.99	15.31	7.4	198.7	16.7	11.74	78.35	79.33	-0.985	59.46	58.84	26.375	515.15		0	
"2014-09-09	12:00:00"	12.6	210.5	13.76	19.49	8.48	209.1	16.55	14.72	82.1	83.1	-0.992	51.93	52.84	26.39	673.04		0	
"2014-09-09	13:00:00"	13.84	219.4	11.38	21.87	9.38	216.6	15.38	15.91	84.6	85.6	-1.064	48.62	50.06	26.388	778.22		0	
"2014-09-09	14:00:00"	16.18	220.6	13.46	26.65	11.1	218.5	16.88	20.68	87.4	88.3	-0.954	42.23	44.83	26.365	828.26		0	
"2014-09-09	15:00:00"	16.84	225.7	14.17	27.84	11.74	224	16.99	24.26	88.7	89.7	-1.005	40.04	42.84	26.346	817.05		0	
"2014-09-09	16:00:00"	15.43	230	13.65	26.65	11.04	227.1	15.99	20.68	90	90.8	-0.788	37.65	40.63	26.322	701.87		0	
"2014-09-09	17:00:00"	15.67	222	12.13	25.45	10.61	219.1	14.77	19.49	91	91.8	-0.745	35.32	38.23	26.304	565.29		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-09	18:00:00"	15.3	218.1	13.66	23.66	10.21	215.7	16.37	18.89	91.4	91.9	-0.528	34.11	37.08	26.29	408.13	0		
"2014-09-09	19:00:00"	14.46	219	10.83	22.47	9.51	216.6	14.71	19.49	91.5	91.5	-0.073	33.34	36.58	26.283	265.82	0		
"2014-09-09	20:00:00"	12.27	221.6	8.8	19.49	7.955	218.7	12.7	14.12	90.3	89.7	0.618	33.36	37.09	26.272	83.765	0		
"2014-09-09	21:00:00"	7.564	226	7.845	11.74	4.185	221.8	12.11	8.75	86.2	84.6	1.578	37.89	43.44	26.265	1.128	0		
"2014-09-09	22:00:00"	6.582	219.2	6.901	9.35	3.259	215.3	11.17	6.368	82.5	80.4	2.094	43.56	49.59	26.262	0	0		
"2014-09-09	23:00:00"	5.457	230.3	9.19	7.561	2.344	238.2	21.98	4.578	79.55	77.24	2.304	48.8	55.39	26.253	0	0		
"2014-09-10	00:00:00"	5.732	253.5	9.39	8.16	2.512	256.8	23.14	5.175	78.27	75.01	3.26	49.97	58.71	26.239	0	0		
"2014-09-10	01:00:00"	5.801	208.8	43.69	9.35	2.994	173.4	56.12	5.771	76.05	72.91	3.139	54.68	62.36	26.232	0	0		
"2014-09-10	02:00:00"	6.77	157.9	17.02	9.95	2.991	139.1	23.02	5.175	74.58	70.56	4.022	56.93	66.27	26.218	0	0		
"2014-09-10	03:00:00"	6.021	174.2	18.8	10.54	2.632	155.5	39.22	9.35	74.75	71.32	3.432	55.88	63.17	26.215	0	0		
"2014-09-10	04:00:00"	5.077	160.8	22.52	9.35	2.172	131.3	32.54	4.578	72.74	69.86	2.881	62.36	67.88	26.213	0	0		
"2014-09-10	05:00:00"	4.844	169.6	23.74	7.561	1.893	139.8	31.94	3.982	72.01	68.67	3.348	63.22	69.39	26.205	0	0		
"2014-09-10	06:00:00"	4.968	181	13.65	8.75	1.595	148.6	59.64	3.982	69	65.86	3.137	72.63	76.56	26.199	0	0		
"2014-09-10	07:00:00"	4.501	203.7	9.64	7.561	1.136	191.3	27.47	3.386	68.63	64.97	3.665	73.17	78.58	26.193	0	0		
"2014-09-10	08:00:00"	3.596	220.1	11.58	5.771	1.118	244.7	33.17	2.789	67.46	65.18	2.277	77.88	79.22	26.199	8.7789	0		
"2014-09-10	09:00:00"	4.295	221.1	11.69	6.368	2.459	221.1	16.45	4.578	70.42	70.68	-0.253	71.26	70.03	26.219	144.39	0		
"2014-09-10	10:00:00"	9.18	282.9	17.15	17.7	6.607	278.3	23.12	14.72	78.55	78.94	-0.396	50.29	52.12	26.259	343.12	0		
"2014-09-10	11:00:00"	15.05	306.3	10.92	22.47	12.11	307.8	12.39	19.49	83	83.3	-0.364	39.04	41.97	26.3	528.63	0		
"2014-09-10	12:00:00"	14.92	317	12.4	21.28	11.97	317.7	13.97	18.3	86	86.7	-0.761	33.68	36.24	26.328	687.22	0		
"2014-09-10	13:00:00"	12.29	327.7	14.57	21.28	9.86	326.8	16.17	19.49	88.1	89.3	-1.174	30.71	33.09	26.343	793.98	0		
"2014-09-10	14:00:00"	9.92	316.4	18.85	17.1	8	315.9	21.36	14.72	90.1	91.4	-1.24	28.25	30.57	26.349	842.04	0		
"2014-09-10	15:00:00"	8.66	329.9	25.41	16.51	7.064	329.7	28.01	14.72	91.7	92.8	-1.142	25.51	27.94	26.345	831.69	0		
"2014-09-10	16:00:00"	7.376	313.4	31.91	17.1	5.981	312.8	37.38	14.72	93.1	94.2	-1.128	23.96	26.37	26.338	727.23	0		
"2014-09-10	17:00:00"	6.955	336.1	33.98	13.52	5.394	334.1	37.65	11.14	91.9	92.7	-0.801	25.1	27.6	26.328	421.11	0		
"2014-09-10	18:00:00"	5.758	32.03	29.25	11.14	3.869	29.8	36.99	9.35	93.5	94	-0.497	23.6	26.36	26.315	490.97	0		
"2014-09-10	19:00:00"	5.214	14.5	44.42	9.95	3.722	9.33	46.99	9.35	93	93.2	-0.222	23.75	26.52	26.317	275.08	0		
"2014-09-10	20:00:00"	4.406	4.177	46.98	8.16	3.076	0.961	49.45	6.368	91.4	90.6	0.779	24.94	28.76	26.316	96.279	0		
"2014-09-10	21:00:00"	4.468	357.9	26.51	9.95	2.79	351.1	26.9	7.561	86.4	84.7	1.721	33.49	38.76	26.314	0.7714	0		
"2014-09-10	22:00:00"	6.738	66.28	10.01	12.33	3.609	67.78	16.29	8.75	82.3	80.1	2.134	42.89	48.42	26.318	0	0		
"2014-09-10	23:00:00"	14.66	64.6	8.84	26.65	9.08	60.47	17.22	18.89	79.76	79.33	0.433	55.35	56.32	26.331	0	0		
"2014-09-11	00:00:00"	18.72	69.29	8.29	27.24	11.42	64.74	17.43	20.09	76.12	75.94	0.172	65.5	64.8	26.342	0	0		
"2014-09-11	01:00:00"	17.88	70.78	7.67	27.24	11.02	65.49	17.26	20.09	73.67	73.48	0.19	69	67.53	26.346	0	0		
"2014-09-11	02:00:00"	17.46	72.64	8.31	27.24	10.63	67.56	18.33	20.09	71.63	71.43	0.203	72.33	70.15	26.344	0	0		
"2014-09-11	03:00:00"	16.73	80.5	9.88	28.43	10.01	77.26	19.54	18.89	69.95	69.76	0.193	74.38	71.64	26.348	0	0		
"2014-09-11	04:00:00"	13.09	77.93	10.23	21.87	7.955	73.54	20.05	15.31	68.7	68.48	0.212	77	73.76	26.349	0	0		
"2014-09-11	05:00:00"	11.79	70.06	8.29	18.89	7.474	65.56	17.29	14.72	67.77	67.55	0.224	78.72	75.18	26.343	0	0		
"2014-09-11	06:00:00"	12.51	62.76	8.9	18.3	7.769	58.95	16.56	15.91	66.69	66.51	0.174	81.2	77.08	26.341	0	0		
"2014-09-11	07:00:00"	13.15	57.81	9.72	20.09	7.893	53.87	17.05	14.12	65.89	65.72	0.172	82.6	78.22	26.348	0	0		
"2014-09-11	08:00:00"	14.73	61.75	8.73	23.07	9.13	58.22	16.8	17.1	65.01	64.89	0.116	83.1	78.48	26.349	8.8023	0		
"2014-09-11	09:00:00"	15.16	50.52	12.11	24.86	8.46	44.89	17.44	18.3	65.76	66.2	-0.44	79.82	74.95	26.38	93.114	0		
"2014-09-11	10:00:00"	15.45	46.78	11.3	23.66	8.48	41.17	16.14	16.51	67.24	67.81	-0.573	76.66	72.22	26.413	199.14	0		
"2014-09-11	11:00:00"	16.96	59.5	12.74	24.86	10.08	54.49	19.6	18.89	69.17	70.32	-1.151	70.6	66.54	26.434	386.78	0		
"2014-09-11	12:00:00"	14.51	59.03	14.96	23.66	8.74	53.02	21.02	17.7	72.13	73.86	-1.732	66.26	62.73	26.456	584.09	0		
"2014-09-11	13:00:00"	14.64	70.12	14.22	24.86	9.28	65.04	22.56	17.7	75.19	77.29	-2.095	59.89	57.33	26.459	769.31	0		
"2014-09-11	14:00:00"	14.46	81.9	17.59	22.47	9.28	78.65	25.62	17.7	77.98	80.1	-2.13	53.78	52.28	26.453	766.17	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-11	15:00:00"	11.46	90.5	15.48	20.68	7.812	89.4	24.11	15.31	80.6	82.6	-1.979	49.46	48.97	26.441	797.19	0		
"2014-09-11	16:00:00"	10.18	90.2	21.56	19.49	6.883	86.2	29.6	14.12	82.9	84.8	-1.908	46.08	46.4	26.423	706.56	0		
"2014-09-11	17:00:00"	8.56	101.8	26.94	16.51	6.01	98.9	35.45	12.33	84.6	86	-1.409	42.94	44.29	26.405	601.59	0		
"2014-09-11	18:00:00"	9.85	114.4	18.82	24.26	6.519	114	26.61	12.93	84.2	85.1	-0.842	42.98	44.76	26.399	307.45	0		
"2014-09-11	19:00:00"	11.09	106.9	14.81	18.89	7.207	106.3	22.17	13.52	82.8	83.1	-0.306	45.45	47.25	26.398	129.51	0		
"2014-09-11	20:00:00"	14.82	122.2	10.39	24.26	8.86	122.1	18.32	16.51	80.6	80.5	0.043	52.12	53.11	26.387	12.743	0		
"2014-09-11	21:00:00"	16.32	345.6	91.7	32.01	12.03	343.1	90.1	29.03	73.79	73.93	-0.138	70.3	68.73	26.417	0.12744	0.02		
"2014-09-11	22:00:00"	7.695	19	58.48	17.1	5.17	19.56	60.4	14.12	66.37	65.92	0.45	89.5	86.9	26.41	0.00037	0.05		
"2014-09-11	23:00:00"	4.821	100.5	52.82	11.14	2.896	96.8	60.05	7.561	67.17	66.75	0.418	90.7	88.2	26.42	0	0.03		
"2014-09-12	00:00:00"	11.94	71.95	13.44	18.3	7.218	69.69	21.98	14.72	67.59	67.35	0.239	91.9	88.6	26.42	0	0		
"2014-09-12	01:00:00"	11.89	80.6	9.18	20.68	7.016	79.75	19.6	14.12	66.67	66.57	0.097	92.9	88.7	26.423	0	0		
"2014-09-12	02:00:00"	10.28	52.49	18.05	17.7	6.045	48.72	22.15	12.93	66.14	66.09	0.049	93	88.6	26.419	0	0		
"2014-09-12	03:00:00"	8.41	14.78	16.61	12.93	5.724	12.1	19.98	11.14	65.97	65.96	0.003	92	87.4	26.426	0	0		
"2014-09-12	04:00:00"	6.834	40.85	26.68	11.74	4.408	38.66	28.78	9.35	66.15	66.11	0.039	91.7	87.4	26.426	0	0.03		
"2014-09-12	05:00:00"	9.54	69.97	9.85	15.31	5.948	68.2	18.49	10.54	65.62	65.54	0.086	92.2	87.8	26.405	0	0		
"2014-09-12	06:00:00"	10.62	66.35	10.34	16.51	6.657	62.93	18.33	12.93	64.73	64.78	-0.05	93.8	88.3	26.391	0	0.02		
"2014-09-12	07:00:00"	10.35	79.48	11.92	16.51	6.46	76.93	21.83	11.14	64.12	64.23	-0.109	94.8	89.1	26.402	0	0		
"2014-09-12	08:00:00"	9.89	85.3	17.71	16.51	6.294	83.1	24.85	12.33	64.25	64.33	-0.078	94.8	89.1	26.418	0.41227	0.02		
"2014-09-12	09:00:00"	8.45	66.18	22.11	13.52	5.232	63.97	26.55	8.75	64.6	64.66	-0.057	95.7	89.8	26.437	3.9477	0.02		
"2014-09-12	10:00:00"	6.797	41.58	13.59	14.12	3.93	37.49	17.8	9.95	64.87	64.88	-0.014	95.7	89.9	26.452	5.5761	0		
"2014-09-12	11:00:00"	9.86	67.53	9.37	17.7	6.01	64.32	18.09	12.93	65.01	65	0.005	95.7	89.9	26.467	7.857	0		
"2014-09-12	12:00:00"	13.65	74.08	8.99	24.86	8.32	71.9	19.46	17.7	64.42	64.44	-0.02	95.3	89.8	26.478	30.005	0		
"2014-09-12	13:00:00"	18.1	71.23	10.35	29.03	11.2	69.22	19.03	20.09	63.7	63.78	-0.077	94.8	89.5	26.483	78.322	0		
"2014-09-12	14:00:00"	21.53	63.4	9.97	34.4	13.21	59.66	17.5	26.65	62.22	62.44	-0.224	93.4	88.1	26.484	149.83	0		
"2014-09-12	15:00:00"	23.25	58.68	10.33	37.38	13.73	54.97	18.37	26.65	59.45	59.76	-0.305	90.3	85.3	26.482	198.25	0		
"2014-09-12	16:00:00"	22.19	52.53	10.56	34.4	12.49	47.86	16.75	23.07	58.26	58.57	-0.311	89	83.6	26.476	143.98	0		
"2014-09-12	17:00:00"	20.53	47.73	10.95	31.42	11.03	41.91	15.91	21.87	56.52	56.86	-0.334	90.4	84.1	26.474	90.465	0		
"2014-09-12	18:00:00"	18.77	41.91	10.93	31.42	10.06	37.05	15.27	22.47	54.28	54.49	-0.218	92.5	85.6	26.476	55.339	0		
"2014-09-12	19:00:00"	20.02	46.32	9.52	32.01	10.52	39.83	14.3	21.87	53.42	53.51	-0.089	90.9	84.4	26.475	34.053	0		
"2014-09-12	20:00:00"	18.64	43.9	9.87	31.42	9.91	38.5	14.26	19.49	52.74	52.84	-0.102	91.5	84.5	26.486	7.8346	0		
"2014-09-12	21:00:00"	17.18	49.67	10.74	27.84	9.45	43.67	16.06	19.49	52.11	52.21	-0.103	91.3	84.2	26.502	0.05795	0		
"2014-09-12	22:00:00"	17.28	53.89	10.6	29.03	9.84	49.23	17.01	20.68	51.52	51.63	-0.113	92	84.5	26.526	0	0		
"2014-09-12	23:00:00"	17.54	53.56	10.23	28.43	10	48.72	16.73	20.09	50.71	50.78	-0.07	93.6	86	26.537	0	0		
"2014-09-13	00:00:00"	16.68	56.53	10.71	29.03	9.83	52.18	17.15	21.28	49.92	49.97	-0.055	94.6	86.7	26.537	0	0		
"2014-09-13	01:00:00"	12.39	46.43	11.39	23.66	6.923	40.81	16.43	17.1	49.63	49.68	-0.05	93.4	85.8	26.547	0	0		
"2014-09-13	02:00:00"	13.46	46.1	9.74	22.47	7.194	40.13	14.94	12.93	49.67	49.67	-0.003	92.2	84.9	26.534	0	0		
"2014-09-13	03:00:00"	14.02	51.43	12.08	23.66	7.88	45.98	17.57	15.31	49.45	49.47	-0.021	91.2	83.9	26.53	0	0.02		
"2014-09-13	04:00:00"	10.33	48.63	12.77	17.7	5.681	42.58	17.7	13.52	49	49.15	-0.148	93.7	85.4	26.529	0	0		
"2014-09-13	05:00:00"	10.02	48.3	11.08	19.49	5.56	42.49	16.21	12.93	48.64	48.76	-0.125	94.4	86	26.528	0	0		
"2014-09-13	06:00:00"	10.33	51.97	10.71	16.51	5.775	46.01	16.66	12.33	48.65	48.75	-0.096	93.3	85.4	26.53	0	0		
"2014-09-13	07:00:00"	10.22	45.2	11.56	17.1	5.737	39.7	15.6	11.14	48.26	48.39	-0.128	94.3	86	26.526	0	0		
"2014-09-13	08:00:00"	10.89	33.52	13.57	17.1	6.453	30.03	15.78	12.93	48.24	48.36	-0.128	93.7	85.5	26.521	1.339	0		
"2014-09-13	09:00:00"	9.05	31.98	11.73	14.12	5.46	29.02	14	11.14	48.27	48.41	-0.146	92.5	84.4	26.535	15.864	0		
"2014-09-13	10:00:00"	9.09	46.07	11.87	13.52	5.238	40.45	16.92	9.95	48.13	48.49	-0.363	93.6	85.2	26.544	64.461	0		
"2014-09-13	11:00:00"	8.31	44.47	11.46	12.93	4.779	39.33	15.72	9.35	48.69	49.14	-0.458	92.7	85.1	26.554	129.74	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-13	12:00:00"	7.237	53.91	16.54	11.74	4.755	50.86	22.64	9.95	49.37	50.08	-0.709	91.3	83.5	26.565	138	0		
"2014-09-13	13:00:00"	7.08	47.25	15.44	9.95	4.356	41.56	19.57	8.16	50.13	51.09	-0.956	90.8	83.1	26.562	202.17	0		
"2014-09-13	14:00:00"	6.392	70.41	23.34	10.54	4.418	66.46	29.02	8.16	52.19	53.29	-1.105	85.3	78.5	26.557	292.08	0		
"2014-09-13	15:00:00"	6.087	85	20.56	10.54	4.419	81.5	29.19	8.75	54.11	55.37	-1.264	82.7	75.93	26.547	365.32	0.13		
"2014-09-13	16:00:00"	5.042	121.2	24.35	8.75	3.684	120.7	32	7.561	55.39	56.5	-1.106	82.3	75.09	26.532	312	0.23		
"2014-09-13	17:00:00"	3.601	135.6	37.22	8.75	2.767	137.5	55.59	6.368	56.98	57.68	-0.7	80.3	74.04	26.516	275.46	0.32		
"2014-09-13	18:00:00"	4.32	160.5	32.83	7.561	3.088	163.5	42.45	6.368	57.77	58.66	-0.893	80.7	74.01	26.513	198.33	0.36		
"2014-09-13	19:00:00"	5.065	171.6	17.49	9.35	3.571	173.8	26.07	6.368	56.84	57.45	-0.603	83.6	76.86	26.502	86.655	0		
"2014-09-13	20:00:00"	3.754	160.3	15.52	6.368	2.564	161.9	24.09	5.175	56.45	56.79	-0.343	85.3	78.66	26.485	33.692	0.03		
"2014-09-13	21:00:00"	4.619	161.5	13.37	6.964	2.888	163.6	20.65	5.175	55.73	55.82	-0.084	87.6	81.4	26.48	0.64052	0.02		
"2014-09-13	22:00:00"	4.759	155.2	13.42	7.561	2.829	155.7	21.69	5.175	55.51	55.56	-0.047	88.3	82.2	26.484	0	0.11		
"2014-09-13	23:00:00"	4.941	180.7	10.94	8.75	3.123	183.6	19.07	5.771	55.72	55.84	-0.118	87.9	81.7	26.493	0	0		
"2014-09-14	00:00:00"	6.443	169.7	9.95	10.54	4.228	171.1	18.29	7.561	55.45	55.57	-0.114	89.8	82.9	26.498	0	0		
"2014-09-14	01:00:00"	6.616	181.2	10.34	9.95	4.097	183.7	18.6	7.561	54.44	54.75	-0.312	96.1	87.1	26.489	0	0		
"2014-09-14	02:00:00"	6.785	195.6	9.55	10.54	4.469	198.3	15.43	8.16	54.07	54.4	-0.321	96.9	88.4	26.478	0	0		
"2014-09-14	03:00:00"	4.651	207.4	14.12	8.16	3.368	208.4	17.71	5.771	54.31	54.55	-0.244	96.5	88.2	26.469	0	0		
"2014-09-14	04:00:00"	4.504	218.3	14.26	6.368	3.368	219.4	16.45	5.771	54.41	54.65	-0.242	96.6	88.3	26.464	0	0		
"2014-09-14	05:00:00"	3.396	235.9	19.33	6.368	2.595	236.7	21.67	5.175	54.38	54.63	-0.251	97.1	88.5	26.453	0	0		
"2014-09-14	06:00:00"	2.103	225.6	50.71	4.578	1.406	228.2	56.1	3.386	54.65	54.84	-0.188	97.5	88.8	26.447	0	0		
"2014-09-14	07:00:00"	4.401	176	12.28	6.964	2.923	180.6	19.73	5.771	54.88	55.1	-0.217	97.6	88.8	26.454	0	0		
"2014-09-14	08:00:00"	6.273	158.7	10.22	9.95	3.807	159.7	19.18	6.368	54.85	55.07	-0.219	98.2	88.3	26.464	1.6108	0.01		
"2014-09-14	09:00:00"	6.775	152.6	9.72	9.35	4.122	152	18.23	6.964	55.26	55.56	-0.299	98.5	88.3	26.48	34.688	0		
"2014-09-14	10:00:00"	6.893	151.9	12.19	9.95	4.316	152.5	21.4	8.75	56.16	56.7	-0.543	98.4	89.5	26.502	86.516	0		
"2014-09-14	11:00:00"	6.801	146.6	15.03	9.95	4.189	147.6	22.19	8.16	57.22	57.97	-0.743	97.8	90.4	26.515	106.18	0.01		
"2014-09-14	12:00:00"	5.723	141.9	16.88	9.95	3.656	142.6	25.39	7.561	58.82	59.78	-0.967	94.8	86.5	26.523	147.02	0		
"2014-09-14	13:00:00"	6.521	142.9	15.93	10.54	4.222	141.5	23.31	7.561	60.3	61.21	-0.912	91	83.7	26.526	186.27	0		
"2014-09-14	14:00:00"	5.81	155.7	18.28	9.35	3.953	156.3	27.13	6.964	61	61.84	-0.845	89.8	82.4	26.522	172.36	0		
"2014-09-14	15:00:00"	6.983	169.6	17.67	14.12	4.657	171.1	24.99	10.54	63	64.08	-1.082	85.6	78.45	26.511	239.86	0		
"2014-09-14	16:00:00"	8.44	160.4	17.84	13.52	5.537	162.3	25.68	11.14	64.52	65.89	-1.369	82.6	75.51	26.506	314.7	0.01		
"2014-09-14	17:00:00"	10.38	142	12.95	14.72	6.437	139.3	21.5	11.14	64.15	65.15	-0.993	84.6	77.76	26.496	194.82	0		
"2014-09-14	18:00:00"	11.28	148.6	10.01	16.51	6.779	146.8	18.94	11.74	65.58	66.4	-0.823	81.8	76.07	26.49	193.73	0		
"2014-09-14	19:00:00"	11.83	148.9	11.72	17.1	7.003	147.4	19.86	12.33	66.88	67.51	-0.632	79.37	74.55	26.486	164.19	0		
"2014-09-14	20:00:00"	12.15	145.9	9.95	18.89	7.035	144.8	18.24	13.52	65.97	65.99	-0.026	81.9	77.48	26.479	28.954	0		
"2014-09-14	21:00:00"	10.25	148	10.33	15.31	6.003	146.2	19.19	11.74	64.43	64.35	0.077	87.3	82.2	26.47	0.30739	0		
"2014-09-14	22:00:00"	6.686	148.7	15.85	14.72	3.933	148.1	21.93	11.14	63.7	63.62	0.081	90.5	84.8	26.469	0	0		
"2014-09-14	23:00:00"	5.393	175.6	14.62	9.35	2.758	178.2	22.18	5.175	62.87	62.55	0.318	93.9	87.9	26.47	0	0		
"2014-09-15	00:00:00"	8.16	173.2	9.51	13.52	4.691	175	18.77	8.75	63.23	63.07	0.167	93.4	88.4	26.473	0	0		
"2014-09-15	01:00:00"	7.304	179.9	9.09	11.74	4.391	182.5	16.86	8.16	63	63	0.001	94.2	88.2	26.475	0	0		
"2014-09-15	02:00:00"	10.51	179.5	9.39	18.3	6.349	182.1	17.31	12.93	63.34	63.33	0.011	93.8	87.9	26.47	0	0		
"2014-09-15	03:00:00"	10.27	178.9	10.2	16.51	6.12	181.3	18.53	11.74	63.66	63.66	-0.006	93.4	87.4	26.471	0	0.01		
"2014-09-15	04:00:00"	10.16	176.9	9.09	17.1	5.998	178.9	17.79	12.93	63.63	63.63	-0.009	94	87.9	26.466	0	0		
"2014-09-15	05:00:00"	9.5	176.5	9.09	14.72	5.626	178.6	17.68	9.95	63.78	63.75	0.033	93.2	87.5	26.454	0	0		
"2014-09-15	06:00:00"	7.634	176.3	9.54	13.52	4.531	177.8	18.61	8.75	63.86	63.81	0.045	92.9	87.2	26.453	0	0		
"2014-09-15	07:00:00"	7.984	170.9	9.78	13.52	4.674	170.5	18.59	9.95	63.97	63.91	0.06	92	86.7	26.457	0	0		
"2014-09-15	08:00:00"	7.427	169.4	9.24	11.14	4.433	171.1	18.73	8.16	63.81	63.81	0	92.6	86.8	26.469	1.8965	0.01		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-15	09:00:00"	7.622	160.3	10.68	13.52	4.45	160.1	18.87	9.35	64.36	64.6	-0.242	91.9	86.1	26.473	84.386		0	
"2014-09-15	10:00:00"	10.99	173.3	10.93	15.91	6.62	174.3	19.89	11.74	65.87	66.42	-0.551	88	81.9	26.485	138.05		0	
"2014-09-15	11:00:00"	10.85	180.9	12.64	15.91	6.596	181.6	20.26	11.14	67.44	68.18	-0.743	83.7	78.05	26.505	199.36		0	
"2014-09-15	12:00:00"	9.59	188.4	11.87	14.72	6.121	190.7	18.48	10.54	68.92	69.67	-0.756	80.1	75.43	26.516	223.34		0	
"2014-09-15	13:00:00"	9.63	189.2	14.5	14.12	6.297	191	20.51	11.14	70.91	71.76	-0.851	74.7	71.31	26.52	316.58		0	
"2014-09-15	14:00:00"	7.339	182.8	17.98	12.93	4.945	185	24.42	10.54	72.32	73.29	-0.968	71.85	68.96	26.52	313.16		0	
"2014-09-15	15:00:00"	6.977	175.3	18.07	10.54	4.561	178.4	24.7	8.16	72.67	73.27	-0.599	71.32	69.37	26.51	188.41		0	
"2014-09-15	16:00:00"	6.425	153.4	20.39	11.14	4.194	152.9	27.19	7.561	72.95	73.56	-0.605	70.78	68.96	26.49	219.02		0	
"2014-09-15	17:00:00"	6.175	137.1	16.3	10.54	3.889	134.1	24.52	8.16	73.75	74.44	-0.687	68.59	67.18	26.484	197.6		0	
"2014-09-15	18:00:00"	7.139	132.4	14.1	11.14	4.543	130.4	22.21	9.35	74	74.49	-0.489	67.25	66.47	26.482	183.24		0	
"2014-09-15	19:00:00"	7.1	131.7	16.01	10.54	4.445	129.8	22.72	8.16	73.32	73.4	-0.078	70.04	69.23	26.49	77.336		0	
"2014-09-15	20:00:00"	5.438	107	13.18	8.75	3.464	101.4	20.43	6.368	72.35	72.18	0.168	74.09	72.87	26.493	23.467		0	
"2014-09-15	21:00:00"	4.362	90	9.8	6.368	2.226	80.7	16.09	3.982	70.89	70.32	0.567	79.27	78.45	26.493	0.0595		0	
"2014-09-15	22:00:00"	4.074	85	11.2	5.175	2.022	75.35	17.57	3.386	70.37	69.45	0.92	79.68	79.57	26.505	0		0	
"2014-09-15	23:00:00"	4.712	62.57	10.1	6.964	2.567	56.12	15.74	5.175	69.19	68.53	0.66	83.5	81.6	26.513	0		0	
"2014-09-16	00:00:00"	5.197	77.22	9.66	6.964	2.412	70.3	20.23	4.578	68.11	67.21	0.897	86.1	84.4	26.52	0		0	
"2014-09-16	01:00:00"	5.559	65.61	7.956	7.561	3.149	60.22	15.22	5.771	68.17	67.62	0.545	86.6	84.1	26.518	0		0	
"2014-09-16	02:00:00"	5.393	86.4	7.234	7.561	2.727	82.2	16.47	4.578	67.8	67.34	0.46	88.3	85.2	26.515	0		0	
"2014-09-16	03:00:00"	4.92	77.86	10.06	6.964	2.394	71.47	17.12	4.578	67.48	66.95	0.527	89.1	86.4	26.511	0		0	
"2014-09-16	04:00:00"	5.08	86.1	14.22	6.964	2.577	79.73	20.04	4.578	67.67	67.25	0.423	88.5	85.8	26.506	0		0	
"2014-09-16	05:00:00"	4.984	72.63	10.28	7.561	2.533	69.88	17.52	4.578	67.72	67.34	0.378	88.2	85.3	26.502	0		0	
"2014-09-16	06:00:00"	5.071	73.91	9.38	6.964	2.609	67.34	15.63	5.175	67.45	66.98	0.477	88.4	85.8	26.495	0		0	
"2014-09-16	07:00:00"	5.192	66.6	5.835	6.964	2.724	65.67	15.79	5.175	67.05	66.51	0.538	88.8	86.1	26.492	0		0	
"2014-09-16	08:00:00"	5.502	66.26	6.951	7.561	3.176	64.01	16.4	5.175	66.55	66.14	0.405	89.9	86.4	26.494	3.1074		0	
"2014-09-16	09:00:00"	6.079	42.99	9.11	9.35	3.169	38.54	13.26	5.771	67.22	67.13	0.092	88.9	85.2	26.502	65.964		0	
"2014-09-16	10:00:00"	5.684	64.76	12.39	8.16	3.633	58.1	19.16	6.368	69.11	69.58	-0.466	86.1	82	26.512	134.68		0	
"2014-09-16	11:00:00"	5.249	80.8	15.14	7.561	3.663	77.62	23.63	5.771	70.9	71.36	-0.464	81.7	78.46	26.53	132.44		0	
"2014-09-16	12:00:00"	4.362	137.2	36.02	8.16	3.022	138.4	41.05	6.368	72.79	73.2	-0.411	75.31	73.25	26.542	201.56		0	
"2014-09-16	13:00:00"	5.549	170.1	24.83	9.95	3.866	171.8	35.35	8.16	74.7	75.49	-0.789	69.34	67.47	26.538	330.18		0	
"2014-09-16	14:00:00"	5.416	178.4	23.72	11.14	3.74	181.3	31.05	8.75	76.26	76.91	-0.647	63.93	63.49	26.534	304.62		0	
"2014-09-16	15:00:00"	6.037	223	19.31	11.14	4.435	221.6	24.28	9.35	76.34	76.72	-0.384	63.37	63.77	26.52	253.46		0	
"2014-09-16	16:00:00"	5.339	226	24.24	9.95	3.891	226.7	25.26	8.16	75.44	75.44	0.002	68.71	69.58	26.494	250.91		0	
"2014-09-16	17:00:00"	3.903	27.86	70.07	9.35	2.97	354.1	63.87	7.561	76.16	76.56	-0.403	69.43	69.44	26.471	225.51		0	
"2014-09-16	18:00:00"	7.728	5.132	12.85	11.14	5.719	2.148	15.49	9.35	72.98	73.5	-0.524	79.88	77.55	26.455	172.89		0	
"2014-09-16	19:00:00"	7.666	21.23	14.11	10.54	5.141	18.54	16.78	8.75	73.81	74.14	-0.333	76.26	74.43	26.442	141.13		0	
"2014-09-16	20:00:00"	7.682	38.91	10.4	12.33	4.242	34.74	12.99	9.35	72.95	72.82	0.129	78.28	76.38	26.435	30.786		0	
"2014-09-16	21:00:00"	9.58	38.92	9.23	13.52	5.089	33.72	11.8	9.95	70.43	70.28	0.154	86.4	82.8	26.43	0.07069		0	
"2014-09-16	22:00:00"	9.88	45.83	8.8	14.12	5.324	39.63	13.61	9.35	69.05	68.94	0.11	89.9	85.7	26.435	0		0	
"2014-09-16	23:00:00"	8.03	50.68	9.9	12.93	4.416	45.87	16.37	8.16	68.6	68.49	0.108	91.8	87.3	26.437	0		0	
"2014-09-17	00:00:00"	6.944	62.97	12.38	9.95	4.1	58.73	19.23	7.561	68.06	67.89	0.166	93.2	88.6	26.431	0	0.36		
"2014-09-17	01:00:00"	7.37	72.09	7.958	10.54	4.324	66.45	18.09	7.561	67.82	67.59	0.236	93.3	89	26.42	0		0	
"2014-09-17	02:00:00"	6.91	71.31	9.57	9.95	4.06	64.21	17.67	6.964	68.08	67.82	0.258	93.1	88.7	26.409	0		0	
"2014-09-17	03:00:00"	7.828	63.2	9.61	12.93	4.812	58.93	17.52	9.35	67.79	67.6	0.196	93.5	88.8	26.403	0		0	
"2014-09-17	04:00:00"	8.74	71.03	8.65	12.33	5.292	65.94	17.23	9.35	67.26	67.13	0.136	94.4	89.2	26.39	0		0	
"2014-09-17	05:00:00"	8.25	73.82	8.18	11.14	4.899	66.88	17.4	8.16	66.82	66.61	0.213	94.6	89.4	26.374	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-17	06:00:00"	7.236	83.9	8.24	11.74	4.153	81.2	17.78	6.964	66.74	66.33	0.402	93.3	89.1	26.365	0	0		
"2014-09-17	07:00:00"	5.557	74.67	8.35	8.75	3.027	69.71	18.09	5.771	66.52	66.23	0.293	93.7	88.9	26.365	0	0		
"2014-09-17	08:00:00"	5.456	84.6	7.537	7.561	2.978	80.5	17.07	5.175	66.46	66.18	0.279	94	89.3	26.369	2.9577	0		
"2014-09-17	09:00:00"	5.087	95	10.18	9.35	3.142	90.4	19.31	5.771	67	66.86	0.145	93.3	89	26.378	37.59	0		
"2014-09-17	10:00:00"	5.243	140.4	26.72	10.54	3.479	140	34.29	6.964	70.28	70.7	-0.414	86.4	82.8	26.395	231.17	0		
"2014-09-17	11:00:00"	5.834	194.6	20.8	11.14	4.071	197.6	25.34	7.561	75.51	76.71	-1.208	73.84	70.08	26.423	499.39	0		
"2014-09-17	12:00:00"	8.33	201.4	16.88	14.72	5.945	202.7	22.66	11.14	77.67	78.81	-1.139	67.89	66.02	26.435	592.71	0		
"2014-09-17	13:00:00"	8.42	196.1	19.39	14.72	5.813	196.6	25.17	11.74	80.2	81.5	-1.327	62.2	61.38	26.429	699.22	0		
"2014-09-17	14:00:00"	8.42	190.7	25.15	15.31	5.814	192	30.05	11.74	82	83.2	-1.189	55.68	56.23	26.419	700.9	0		
"2014-09-17	15:00:00"	8.33	188	24.35	15.31	5.645	188.8	29.57	11.74	82.8	83.9	-1.073	53.29	54.48	26.401	624.32	0		
"2014-09-17	16:00:00"	8.56	197.1	18.57	15.31	5.935	198.3	23.27	13.52	84.6	85.6	-1.011	48.14	50.1	26.374	703.14	0		
"2014-09-17	17:00:00"	8.85	207	18.47	15.91	6.199	208.2	21.12	11.14	85.8	86.7	-0.956	45.96	48.4	26.355	651.18	0		
"2014-09-17	18:00:00"	7.164	210.3	22.55	12.93	4.969	210.5	24.58	9.95	85.2	85.7	-0.494	45.37	48.56	26.341	342	0		
"2014-09-17	19:00:00"	4.329	221.1	12.41	7.561	2.735	219.3	15.85	5.175	83.4	82.9	0.515	48.83	53.96	26.325	102.35	0		
"2014-09-17	20:00:00"	2.115	148.2	75.36	3.982	1.563	97.5	58.52	2.789	82.3	81	1.344	50.81	60.61	26.32	32.379	0		
"2014-09-17	21:00:00"	11.04	38.51	12.13	24.26	6.34	37.23	15.19	15.91	76.82	76.03	0.789	66.37	69.19	26.331	0.02273	0		
"2014-09-17	22:00:00"	14.02	57.96	11.03	21.28	8.25	52.75	17.91	16.51	71.88	71.86	0.026	79.25	76.52	26.329	0	0		
"2014-09-17	23:00:00"	15.46	78.13	10.04	24.26	9.25	73.96	19.56	17.7	70.37	70.28	0.095	83.7	80.2	26.327	0	0		
"2014-09-18	00:00:00"	16.38	89.9	9.25	25.45	10.26	88	18.68	18.89	68.89	68.77	0.121	87.2	83.2	26.328	0	0		
"2014-09-18	01:00:00"	12.64	100	8.79	18.89	8.5	98.1	17.6	15.31	68.09	67.95	0.135	89.6	85.4	26.312	0	0		
"2014-09-18	02:00:00"	13.93	110.7	9.31	21.87	8.94	108.6	17.81	15.91	68.07	67.93	0.141	91.1	86.8	26.3	0	0		
"2014-09-18	03:00:00"	10.61	114.4	9.47	17.7	6.595	112.1	18.36	12.93	68.44	68.18	0.264	89.3	85.8	26.299	0	0		
"2014-09-18	04:00:00"	5.975	112.5	11.54	10.54	3.862	109.5	18.56	7.561	68.06	67.8	0.266	84	81	26.294	0	0		
"2014-09-18	05:00:00"	5.129	117.3	11.97	8.16	3.016	110.2	17.63	5.771	67.9	67.54	0.36	85.2	82.3	26.276	0	0		
"2014-09-18	06:00:00"	4.529	206.6	63.48	6.964	2.558	213	65.85	4.578	67.34	66.98	0.359	87.9	85.2	26.278	0	0		
"2014-09-18	07:00:00"	10.68	292.9	13.54	17.1	8.02	293	17.28	12.93	65.81	65.74	0.072	91.4	87.4	26.293	0	0		
"2014-09-18	08:00:00"	8.27	297	9.78	14.12	6.32	298	13.33	11.14	65.02	65.04	-0.026	93.5	88.6	26.298	0.31105	0		
"2014-09-18	09:00:00"	4.92	290.5	10.75	8.16	3.154	291.6	20.14	6.368	65.43	65.38	0.05	92.3	88.8	26.296	21.609	0		
"2014-09-18	10:00:00"	4.625	281.6	11.9	8.16	3.582	283.5	18.39	6.368	66.97	66.92	0.048	89.1	86.6	26.279	107.9	0.08		
"2014-09-18	11:00:00"	6.514	283.9	16.45	9.35	5.035	286.2	21.49	8.16	69.59	69.84	-0.249	83.9	82	26.288	231.19	0		
"2014-09-18	12:00:00"	4.577	277	26.63	7.561	3.613	277.7	30.76	6.368	72.7	72.95	-0.247	74.61	73.81	26.318	236.98	0.01		
"2014-09-18	13:00:00"	7.895	26.62	20.58	15.31	4.893	23.6	22.62	11.14	71.97	72.18	-0.209	79.08	77.95	26.337	234.17	0.03		
"2014-09-18	14:00:00"	12.72	77.9	13.48	17.7	8.31	73.84	21.4	14.72	73.31	74.75	-1.439	79.82	76.94	26.324	713.54	0.02		
"2014-09-18	15:00:00"	11.2	91.7	11.12	17.7	7.584	88.8	19.76	12.93	73.29	74.22	-0.936	80.8	78.15	26.325	344.66	0		
"2014-09-18	16:00:00"	11.01	86.2	11.58	17.1	7.179	83.6	20.61	13.52	74.21	75.33	-1.118	79.25	76.36	26.297	389.82	0		
"2014-09-18	17:00:00"	12.17	85.2	11.62	17.7	8	82	20.85	13.52	75.79	77.2	-1.407	74.65	72.17	26.287	466.62	0		
"2014-09-18	18:00:00"	12.03	90	11.76	18.3	7.819	88.3	20.17	14.72	75.33	76.14	-0.814	75.02	73	26.291	258.46	0		
"2014-09-18	19:00:00"	12.2	91.4	12.97	20.09	7.847	89.5	21.34	14.12	73.7	73.98	-0.284	78.96	76.57	26.286	90.508	0		
"2014-09-18	20:00:00"	13.07	88.3	10.16	19.49	8.18	85.8	18.84	13.52	71.07	71.06	0.009	84.6	81.3	26.279	9.7286	0		
"2014-09-18	21:00:00"	11.63	87.5	9.7	17.7	7.362	85.2	18.88	13.52	69.8	69.69	0.114	89.8	86.2	26.286	0	0		
"2014-09-18	22:00:00"	12.74	89.3	12.31	19.49	7.747	87.1	20.77	13.52	69.27	69.19	0.076	90.2	86.5	26.298	0	0		
"2014-09-18	23:00:00"	11.97	95.6	9.79	18.89	7.866	93	18.94	14.12	68.74	68.74	-0.003	90.4	86.1	26.308	0	0		
"2014-09-19	00:00:00"	11.76	101.6	9.73	19.49	8.01	100.2	17.71	16.51	68.84	68.85	-0.009	91.4	87	26.309	0	0		
"2014-09-19	01:00:00"	11.83	111.7	9.7	19.49	7.674	109.8	17.64	13.52	69.01	69.02	-0.009	92.2	87.6	26.306	0	0		
"2014-09-19	02:00:00"	12.57	114.8	9.16	20.09	7.86	113.7	18.07	14.12	68.72	68.65	0.072	92.3	88.1	26.3	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-19	03:00:00"	10.06	114.1	10.39	17.1	6.273	112.7	18.52	11.74	68.45	68.36	0.089	93.6	89.2	26.297	0	0		
"2014-09-19	04:00:00"	11.21	109.5	8.97	17.7	7.156	107.3	17.8	13.52	68.27	68.14	0.126	93.7	89.4	26.284	0	0		
"2014-09-19	05:00:00"	9.86	101.5	9.97	15.31	6.634	100	18	12.33	67.83	67.73	0.099	94.7	89.6	26.273	0	0		
"2014-09-19	06:00:00"	9.73	105.2	12.5	14.72	6.365	104.5	19.42	10.54	67.66	67.6	0.06	95.2	89.9	26.278	0	0		
"2014-09-19	07:00:00"	9.03	109.2	10.43	14.12	5.831	107.9	18.31	11.74	67.58	67.55	0.027	95.8	89.7	26.286	0	0		
"2014-09-19	08:00:00"	9.48	110.8	10.72	15.91	5.909	109.3	18.87	11.14	67.52	67.43	0.085	95.7	89.6	26.295	0.07036	0		
"2014-09-19	09:00:00"	10.73	123.3	8.35	15.31	6.252	123.8	16.67	11.14	67.55	67.4	0.145	95.2	89.5	26.301	2.8956	0		
"2014-09-19	10:00:00"	10.12	136.5	10.98	18.89	5.904	139.6	19.95	12.93	67.61	67.54	0.076	95.4	89.4	26.308	19.187	0.02		
"2014-09-19	11:00:00"	10.79	128.4	9.63	15.91	6.404	131.9	18.53	11.14	68.23	68.23	0.001	94.3	90	26.318	75.662	0		
"2014-09-19	12:00:00"	10.48	139.3	9.08	15.31	5.976	142.8	17.99	11.14	68.7	68.64	0.056	92.2	89.3	26.325	100.8	0		
"2014-09-19	13:00:00"	11.22	146.9	10.26	17.1	6.447	149.6	18.75	11.74	68.86	69.09	-0.227	91	87.7	26.327	157.69	0		
"2014-09-19	14:00:00"	10.04	132	11.54	15.91	6.002	132.1	19.32	10.54	69.33	69.59	-0.255	88.4	85.5	26.314	179.51	0		
"2014-09-19	15:00:00"	10.33	122.6	10.4	16.51	6.446	121	18.29	12.33	70.9	71.28	-0.379	85.6	83.1	26.296	296.96	0.01		
"2014-09-19	16:00:00"	9.36	117.5	11.61	13.52	6.121	114.6	19.74	11.14	72.39	72.87	-0.485	79.21	77.33	26.294	256.59	0		
"2014-09-19	17:00:00"	8.08	107.1	10.13	13.52	5.465	105.5	17.96	9.95	73.25	73.51	-0.254	77.36	75.83	26.29	168.4	0		
"2014-09-19	18:00:00"	9.55	110.1	14.65	15.31	6.198	106.6	21.02	12.93	74.86	75.31	-0.445	74.05	72.93	26.296	220.96	0		
"2014-09-19	19:00:00"	9.33	104.8	22.07	14.72	5.731	102	26.64	12.33	73.28	73.23	0.052	79.53	77.5	26.3	33.063	0		
"2014-09-19	20:00:00"	6.186	96.7	12.5	9.95	3.806	93	19.02	7.561	71.94	71.66	0.275	84.9	82.7	26.292	10.592	0		
"2014-09-19	21:00:00"	5.52	98.6	11.41	8.16	3.042	93.2	19.37	5.175	71.02	70.45	0.577	86.5	84.5	26.294	0.00075	0		
"2014-09-19	22:00:00"	6.568	81.1	9.01	9.95	3.779	75.8	19.34	6.368	70.17	69.83	0.342	89.5	86.6	26.302	0	0		
"2014-09-19	23:00:00"	6.769	95	13.04	11.14	4.23	93.5	20.43	8.16	70.15	69.94	0.213	90.2	87	26.329	0	0		
"2014-09-20	00:00:00"	6.72	105.3	10.44	10.54	4.399	103.9	18.74	8.16	70.29	70.18	0.108	91.1	87.5	26.337	0	0		
"2014-09-20	01:00:00"	10.32	141.4	19.65	16.51	6.08	143.5	26.07	11.74	69.38	69.41	-0.029	93.5	89	26.336	0	0		
"2014-09-20	02:00:00"	8.95	138.1	10.22	15.31	5.189	138.5	18.37	10.54	68.82	68.64	0.18	94.3	89.8	26.318	0	0		
"2014-09-20	03:00:00"	4.519	157.9	14.2	9.35	2.2	159.4	21.86	6.368	69.1	68.95	0.149	95	89.1	26.314	0	0		
"2014-09-20	04:00:00"	1.702	43.09	33.79	4.578	1	43.63	31.44	1	69.01	68.88	0.129	95.4	89.3	26.305	0	0		
"2014-09-20	05:00:00"	3.917	60.09	17.08	5.175	1.892	57.28	21.06	3.982	69.14	69.1	0.042	95.4	89.8	26.3	0	0		
"2014-09-20	06:00:00"	2.669	75.42	19.79	4.578	1.076	76.79	31.45	2.789	69.08	69.02	0.066	95.5	89.7	26.307	0	0		
"2014-09-20	07:00:00"	3.377	115.1	17.04	6.964	1.433	108.8	22.91	5.175	68.9	68.81	0.087	95.4	89	26.313	0	0		
"2014-09-20	08:00:00"	2.163	82.1	29.09	3.982	1.008	65.95	28.49	1.596	68.97	68.89	0.083	95.2	88.6	26.321	0.87887	0		
"2014-09-20	09:00:00"	2.125	355.8	42.4	4.578	1.002	7.881	58.41	1.596	69.27	69.25	0.024	94.9	88.7	26.337	9.791	0		
"2014-09-20	10:00:00"	2.42	350.7	30.47	4.578	1.268	355.6	36.18	3.982	70.27	70.25	0.019	93.4	89.8	26.351	82.398	0		
"2014-09-20	11:00:00"	2.521	11.93	33.72	5.175	1.301	12.22	33.67	4.578	72.14	71.94	0.201	88.5	87.9	26.377	142.68	0		
"2014-09-20	12:00:00"	5.062	23.3	89.3	15.31	3.155	30.22	81.2	10.54	73.68	73.47	0.212	82.9	82.2	26.397	263.05	0		
"2014-09-20	13:00:00"	9.53	38.28	17.11	14.12	6.015	33.13	20.35	11.14	76.1	77.37	-1.276	73.24	72.29	26.405	788.97	0		
"2014-09-20	14:00:00"	9.61	32.24	16.15	15.31	6.048	29.92	18.45	11.14	78.38	79.48	-1.105	66.14	65.66	26.415	601.28	0		
"2014-09-20	15:00:00"	8.72	48.12	18.63	15.31	5.557	43.47	23.35	10.54	80.2	81.8	-1.583	62.31	62.66	26.402	755.11	0		
"2014-09-20	16:00:00"	5.921	52.29	35.65	11.74	3.989	50.38	43.85	8.75	81.8	82.6	-0.838	57.77	59.59	26.385	549.86	0		
"2014-09-20	17:00:00"	4.677	24.68	46.54	10.54	3.066	16.74	51.7	8.75	81.9	82.7	-0.743	56.75	58.67	26.378	367	0		
"2014-09-20	18:00:00"	7.601	49.95	15.94	15.31	4.647	44.97	22.27	9.35	81.5	82.2	-0.692	58.96	60.69	26.38	303.41	0		
"2014-09-20	19:00:00"	7.628	79.98	16.8	12.33	5.039	77.48	24.38	9.35	79.92	80.2	-0.328	64.68	65.24	26.37	171.91	0		
"2014-09-20	20:00:00"	8.52	63.14	9.31	13.52	5.168	59.65	17.38	9.95	77.92	77.88	0.041	70.68	70.66	26.374	32.037	0		
"2014-09-20	21:00:00"	12.97	59.65	13.09	22.47	7.756	54.74	19.86	17.1	73.87	73.73	0.131	83.9	81.4	26.377	0.06225	0		
"2014-09-20	22:00:00"	14.87	84.8	10.88	24.86	9.24	82.2	20.17	17.7	71.31	71.35	-0.041	90.1	86.3	26.398	0	0		
"2014-09-20	23:00:00"	11.74	107.5	11.46	19.49	7.674	106.3	19.83	14.12	70.49	70.46	0.034	90.6	86.9	26.411	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-21	00:00:00"	8.48	107.1	9.84	14.72	5.664	105.6	18.03	11.14	70.07	70.11	-0.041	92.8	88.3	26.417	0	0		
"2014-09-21	01:00:00"	8.72	110.1	9.46	15.31	5.589	108.3	18.03	11.14	70.86	70.8	0.06	92.4	88.5	26.418	0	0		
"2014-09-21	02:00:00"	8.75	107.8	8.91	14.72	5.757	105.2	17.28	11.14	70.57	70.49	0.077	92.7	88.4	26.416	0	0		
"2014-09-21	03:00:00"	9.77	108.9	9.97	14.72	6.408	107.1	18.21	12.93	70.35	70.29	0.053	92.3	88	26.42	0	0		
"2014-09-21	04:00:00"	7.736	100.5	10.11	12.33	5.283	99	18.1	9.95	69.88	69.89	-0.01	92.9	88	26.417	0	0		
"2014-09-21	05:00:00"	9.49	94.4	13.34	20.09	6.072	93.3	21.57	14.12	69.5	69.53	-0.031	94	88.6	26.41	0	0		
"2014-09-21	06:00:00"	9.11	92	9.26	17.7	5.859	90.4	18.64	11.74	69.41	69.4	0.009	95.2	89.2	26.416	0	0		
"2014-09-21	07:00:00"	7.996	125	23.44	15.31	4.883	125.5	28.54	12.93	69.1	69.1	0.009	94.9	89.4	26.432	0	0.01		
"2014-09-21	08:00:00"	12.83	118.1	17.1	22.47	7.927	119.6	23.28	15.31	68.39	68.16	0.229	92.9	89.6	26.448	0.14628	0		
"2014-09-21	09:00:00"	9.29	127.9	15.42	17.7	5.293	128.2	22.1	12.33	66.34	66.04	0.297	92.2	88.6	26.455	2.3547	0		
"2014-09-21	10:00:00"	4.986	98.4	21.91	8.75	3.039	93	28.57	6.368	66.95	66.9	0.053	94.6	89.4	26.472	9.5755	0.01		
"2014-09-21	11:00:00"	7.747	86.3	14.67	13.52	4.908	84.6	21.73	9.95	67.45	67.26	0.186	92.8	89.5	26.489	10.871	0.02		
"2014-09-21	12:00:00"	6.99	68.38	8.21	11.14	4.366	64.71	16.81	8.16	67.13	66.82	0.306	90.4	88.1	26.487	51.27	0.01		
"2014-09-21	13:00:00"	7.373	71.97	11.29	12.93	4.587	69.09	18.99	9.95	69.03	69.17	-0.147	91.4	88.2	26.486	157.28	0.01		
"2014-09-21	14:00:00"	9.75	84.1	10.41	13.52	6.327	83.4	20.26	10.54	71.7	72.16	-0.456	86.5	84.4	26.492	325.76	0		
"2014-09-21	15:00:00"	14.82	77.45	12.52	24.26	9.44	73.98	21.33	17.7	72.33	73.38	-1.049	82.8	79.73	26.483	422.61	0		
"2014-09-21	16:00:00"	15.56	88.6	9.57	22.47	9.99	86.3	18.88	17.1	73.02	73.79	-0.775	76.49	74.39	26.475	351.56	0		
"2014-09-21	17:00:00"	12.18	100.1	9.91	20.09	8.06	98.9	18.39	15.31	70.33	70.45	-0.12	86.4	83.7	26.472	87.559	0		
"2014-09-21	18:00:00"	8.54	96.8	8.76	14.12	5.813	95.3	17.31	11.14	69.52	69.45	0.067	91	87.9	26.46	42.761	0		
"2014-09-21	19:00:00"	6.95	84.4	11.53	12.33	4.34	82.2	20.61	8.16	69.38	69.34	0.044	92.6	89	26.468	22.745	0		
"2014-09-21	20:00:00"	7.958	76.25	8.92	11.74	4.639	73.15	19.06	8.16	68.99	68.72	0.266	91.7	88.6	26.461	6.5255	0		
"2014-09-21	21:00:00"	6.637	80	9.35	10.54	3.939	77.47	19.04	6.964	68.49	68.19	0.299	92.3	88.6	26.473	0	0		
"2014-09-21	22:00:00"	7.656	70.78	8.96	11.14	4.667	67.04	17.68	7.561	68.46	68.23	0.227	93.3	88.9	26.501	0	0		
"2014-09-21	23:00:00"	8.44	72.86	7.249	11.74	5.027	69.2	17.24	9.35	68.36	68.18	0.18	93.7	89	26.523	0	0		
"2014-09-22	00:00:00"	7.938	73.33	8.7	11.14	4.814	70.85	18.73	8.16	68.36	68.2	0.158	94.4	89.5	26.53	0	0		
"2014-09-22	01:00:00"	6.919	73.25	9.18	9.95	4.175	68.01	17.99	7.561	68.4	68.23	0.17	94.4	89.6	26.528	0	0		
"2014-09-22	02:00:00"	6.13	60.9	8.88	9.95	3.756	58.14	16.48	8.16	68.2	68.04	0.152	94.5	89.7	26.526	0	0		
"2014-09-22	03:00:00"	8.24	49.85	8.85	12.93	4.486	45.03	15.2	9.35	67.94	67.72	0.212	93.8	89.5	26.517	0	0		
"2014-09-22	04:00:00"	8.84	62.47	10.14	12.93	5.416	59.54	17.66	9.95	67.75	67.54	0.209	92.9	88.9	26.511	0	0		
"2014-09-22	05:00:00"	8.86	62.14	8.64	12.93	5.478	59	16.68	10.54	67.45	67.31	0.14	93.4	88.6	26.508	0	0		
"2014-09-22	06:00:00"	10.26	64.84	9.75	14.72	6.253	61.38	17.81	11.14	67.17	67.06	0.106	94	89	26.508	0	0		
"2014-09-22	07:00:00"	10.29	79.89	8.23	14.72	6.171	78.28	18.73	10.54	67	66.9	0.097	94.3	89.1	26.514	0	0		
"2014-09-22	08:00:00"	10.7	82	8.07	15.91	6.352	79.87	18.52	11.74	66.91	66.84	0.076	94.4	89.2	26.522	3.1316	0		
"2014-09-22	09:00:00"	11.04	88	8.99	17.1	7.029	86.6	18.02	12.33	67.23	67.25	-0.022	93.4	88.8	26.535	51.163	0		
"2014-09-22	10:00:00"	9.84	96	9.02	15.31	6.785	94.8	17.9	12.93	67.82	68	-0.187	91.7	87.3	26.551	97.931	0		
"2014-09-22	11:00:00"	10.59	103.6	10.2	15.91	7.262	102.5	17.91	12.93	68.88	69.39	-0.507	89	84.6	26.569	204.29	0		
"2014-09-22	12:00:00"	10.46	121	10.76	15.31	6.563	118.6	18.53	11.14	70.73	71.44	-0.707	84.7	80.8	26.579	238.77	0		
"2014-09-22	13:00:00"	9.58	129.7	12.88	14.72	6.184	128.4	20.76	11.14	72.84	73.81	-0.971	78.81	75.67	26.581	337.11	0		
"2014-09-22	14:00:00"	9.62	82.5	18.64	15.31	6.334	79.28	25.26	11.14	72.41	73.3	-0.888	80.6	77.35	26.572	251.2	0		
"2014-09-22	15:00:00"	12.26	122.7	30.12	20.68	8.01	122.1	34.6	17.1	72.83	73.57	-0.744	75.13	73.08	26.552	301.3	0		
"2014-09-22	16:00:00"	8.4	126	41.16	17.1	5.672	122.5	46.48	12.93	70.07	70.44	-0.37	75.98	73.76	26.537	129.93	0		
"2014-09-22	17:00:00"	10.5	89.3	8.54	16.51	6.699	84.7	18.18	12.33	70.58	70.95	-0.367	76.1	73.93	26.505	167.19	0		
"2014-09-22	18:00:00"	7.77	91.9	10.54	12.33	5.242	87.4	18.92	10.54	72.72	72.99	-0.262	74.31	73	26.504	134.43	0		
"2014-09-22	19:00:00"	6.522	86.7	10.99	9.95	4.227	81.9	19.78	6.964	72.49	72.45	0.042	75.96	74.94	26.501	57.321	0		
"2014-09-22	20:00:00"	5.964	64.26	9.14	8.16	3.654	61.96	17.01	6.368	71.17	70.94	0.235	80.5	78.63	26.501	8.6419	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-22	21:00:00"	5.503	68.51	6.901	7.561	3.243	67.35	16.54	5.771	69.61	69.23	0.38	84	81.9	26.5	0	0		
"2014-09-22	22:00:00"	6.925	70.37	8.06	9.35	3.861	66.53	16.18	6.964	69.3	68.63	0.663	82.6	81.4	26.507	0	0		
"2014-09-22	23:00:00"	8.13	74.89	10.74	12.93	4.885	70.25	19.24	10.54	68.82	68.35	0.47	84.2	81.8	26.514	0	0		
"2014-09-23	00:00:00"	9.6	96.4	8.37	15.31	6.305	93.2	17.25	11.14	69.05	68.79	0.26	87.5	84.3	26.515	0	0		
"2014-09-23	01:00:00"	9.03	98.2	9.01	12.93	5.982	95.8	17.66	10.54	68.27	67.98	0.29	87.7	84.4	26.511	0	0		
"2014-09-23	02:00:00"	7.89	105.4	10.54	12.93	5.027	103.6	18.13	9.35	67.31	66.95	0.369	88.9	85.5	26.495	0	0		
"2014-09-23	03:00:00"	7.056	121.5	9.17	9.95	4.005	120.3	16.54	7.561	66.69	66.18	0.505	90.1	86.7	26.479	0	0		
"2014-09-23	04:00:00"	6.254	121.1	9.33	9.35	3.52	118.8	17.42	6.368	65.97	65.39	0.585	91.2	88	26.461	0	0		
"2014-09-23	05:00:00"	4.681	88.7	13.66	6.368	1.933	77.42	19.51	4.578	65.42	64.77	0.646	92	88.3	26.455	0	0		
"2014-09-23	06:00:00"	5.585	58.68	12.8	8.16	3.197	52.27	18.15	6.368	65.29	64.79	0.501	91.9	88.4	26.457	0	0		
"2014-09-23	07:00:00"	6.429	47.94	9.87	8.75	3.384	43.68	15.14	6.368	64.86	64.52	0.339	92.9	88.1	26.46	0	0		
"2014-09-23	08:00:00"	6.59	77.05	12.26	9.35	3.869	73.64	22.01	6.964	63.96	63.67	0.292	94.8	88.9	26.459	1.9338	0		
"2014-09-23	09:00:00"	7.83	78.51	14.09	11.14	5.088	73.43	21.59	9.35	64.79	64.77	0.015	93.4	88.8	26.47	95.406	0		
"2014-09-23	10:00:00"	9.27	120.5	11.44	14.12	5.964	118.3	19.28	11.74	69.18	69.58	-0.399	77.14	75.59	26.49	232.78	0		
"2014-09-23	11:00:00"	11.44	136.7	10.47	17.1	6.808	135.2	19.04	13.52	71.18	71.55	-0.377	67.29	66.59	26.52	208.37	0		
"2014-09-23	12:00:00"	14.48	157.5	11.5	25.45	8.63	156.8	19.38	16.51	73.17	73.92	-0.754	62.89	62.07	26.522	421.79	0		
"2014-09-23	13:00:00"	17.19	167.7	11.81	26.05	10.02	167.5	20.21	17.1	75.82	76.77	-0.949	57.4	57.73	26.52	460.33	0		
"2014-09-23	14:00:00"	15.52	189	15.33	27.24	9.67	189.5	20.78	17.1	77.02	77.81	-0.792	54.75	55.94	26.517	496.31	0		
"2014-09-23	15:00:00"	13.19	192.4	11.87	20.09	8.34	193.6	18.14	13.52	77.57	78.28	-0.715	52.89	54.55	26.505	438.11	0		
"2014-09-23	16:00:00"	11.86	193.7	19.35	21.87	7.658	194.2	23.67	16.51	79.22	80.2	-1.017	49.68	51.68	26.485	570.89	0		
"2014-09-23	17:00:00"	9.69	199.3	21.62	15.91	6.459	199.8	25.03	11.14	80.4	81.2	-0.753	47.45	50.12	26.475	481.25	0		
"2014-09-23	18:00:00"	9.62	196.2	11.74	14.72	6.265	197.6	16.7	11.74	79.46	79.61	-0.145	48.23	51.47	26.465	195.65	0		
"2014-09-23	19:00:00"	7.838	204.4	9.95	12.33	4.832	204	14.57	8.75	77.65	77.18	0.462	53.17	56.59	26.446	68.646	0		
"2014-09-23	20:00:00"	5.842	186.3	7.508	8.16	2.874	183.5	14.55	5.175	75.26	74.29	0.97	59.92	63.71	26.428	20.028	0		
"2014-09-23	21:00:00"	3.852	185.5	32.73	6.368	1.727	177	55.22	3.386	73.39	71.56	1.833	63.09	69.26	26.424	0	0		
"2014-09-23	22:00:00"	4.508	122.9	12.11	6.368	2.606	83.6	10.42	3.982	72.6	69.62	2.977	63.47	72.86	26.425	0	0		
"2014-09-23	23:00:00"	5.581	108	16.06	6.964	2.478	87.1	20.6	3.982	71.06	68.1	2.953	70.52	77.82	26.427	0	0		
"2014-09-24	00:00:00"	6.649	132.2	7.809	9.95	2.723	110.6	14.82	4.578	70.94	67.63	3.311	69.96	77.48	26.429	0	0		
"2014-09-24	01:00:00"	6.809	155	9.95	8.75	2.399	143	18.78	3.982	69.66	66.75	2.903	74.55	79.29	26.424	0	0		
"2014-09-24	02:00:00"	4.525	168.7	13.14	7.561	1.094	158.3	33.88	2.789	67.26	65.22	2.037	80.9	82.1	26.419	0	0		
"2014-09-24	03:00:00"	4.343	165.4	9.77	6.964	1.051	145.5	31.86	2.789	66.09	64.05	2.037	82.8	84.1	26.414	0	0		
"2014-09-24	04:00:00"	6.129	165.6	8.73	11.14	2.309	158.8	18.22	6.368	66.72	65.08	1.639	80.8	82.8	26.406	0	0		
"2014-09-24	05:00:00"	6.251	157	10.87	10.54	2.583	149.3	20.09	5.771	66.97	65.66	1.318	79.52	79.9	26.405	0	0		
"2014-09-24	06:00:00"	7.553	155.4	8.76	12.33	3.823	151.4	18.19	9.35	67.18	66.11	1.067	80.9	79.93	26.41	0	0		
"2014-09-24	07:00:00"	7.505	154.8	7.884	12.93	3.836	151.2	16.94	6.964	67.3	66.47	0.833	82.8	81.3	26.421	0	0		
"2014-09-24	08:00:00"	7.667	157.8	8.17	12.33	4.133	156.6	17.32	7.561	66.83	66.17	0.658	85.3	82.8	26.431	2.0753	0		
"2014-09-24	09:00:00"	7.348	165.7	9.89	11.74	4.255	166.1	18.31	8.16	67.33	67.12	0.212	85.9	82.7	26.443	61.818	0		
"2014-09-24	10:00:00"	10.32	177.1	13.8	17.1	6.314	177.9	20.97	11.74	70.34	70.93	-0.588	78.38	75.04	26.473	205.44	0		
"2014-09-24	11:00:00"	11.14	165	12.11	17.1	6.607	164.8	20.35	12.93	71.44	71.97	-0.527	74.66	72.15	26.501	208.37	0		
"2014-09-24	12:00:00"	10.24	170.3	13.34	15.91	6.397	170.7	22.14	12.93	73.44	74.51	-1.071	70.29	67.91	26.515	472.86	0		
"2014-09-24	13:00:00"	9.68	172.3	17.27	15.91	6.266	174.2	24.72	12.93	76.51	77.98	-1.469	62.62	61.5	26.531	570.21	0		
"2014-09-24	14:00:00"	7.543	171.5	23.28	12.93	4.899	173.2	29.56	10.54	77.85	78.68	-0.837	57.24	58.25	26.529	368.19	0		
"2014-09-24	15:00:00"	9.46	146.8	17.74	16.51	6.07	145.1	25.03	12.93	79.73	80.8	-1.024	52.24	53.78	26.512	591.12	0		
"2014-09-24	16:00:00"	11.9	159.6	13.7	20.68	7.059	161.3	21.3	14.12	81.2	82.4	-1.256	45.59	48.1	26.506	656.4	2.29		
"2014-09-24	17:00:00"	12.36	166.2	16.33	21.28	5.726	168.4	35.91	18.89	81.8	83.1	-1.262	44.75	47.05	26.499	573.91	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-24	18:00:00"	6.474	188.7	92.4	44.54	7.007	172.1	19.86	14.12	82.1	81.1	0.977	46.53	49.71	26.476	268.22	0.1		
"2014-09-24	19:00:00"	12.92	146.1	9.69	21.87	7.295	148.9	17.98	15.31	80.7	80.9	-0.132	45.6	48.5	26.469	215.04	0		
"2014-09-24	20:00:00"	8.57	141.1	9.57	15.31	4.408	140.9	17.04	10.54	77.7	76.56	1.142	50.21	54.34	26.477	39.992	0		
"2014-09-24	21:00:00"	9.57	84.6	46.38	39.77	5.67	64.77	44.23	30.22	73.3	71.99	1.315	61.42	64.77	26.482	0	0		
"2014-09-24	22:00:00"	23.16	20.46	10.97	38.57	15.43	18.99	13.62	29.03	64.29	64.48	-0.191	75.11	71.07	26.5	0	0		
"2014-09-24	23:00:00"	15.03	27.08	14.98	28.43	9.13	24.45	17.09	26.05	62.39	62.38	0.008	85	80.5	26.514	0.00149	0.45		
"2014-09-25	00:00:00"	12.99	62.38	13.18	21.28	7.394	57.97	20	14.72	61.68	61.38	0.298	90.8	86.2	26.481	0	0.03		
"2014-09-25	01:00:00"	9.6	104.2	15.58	14.12	5.982	104.5	24.39	12.33	61.94	61.64	0.299	91.3	87	26.476	0	0		
"2014-09-25	02:00:00"	8.63	129.5	21.61	15.31	5.005	129.8	28.13	11.14	62.42	61.96	0.46	89.9	86.6	26.46	0	0		
"2014-09-25	03:00:00"	7.806	104.7	9.31	11.74	4.987	104.1	19.08	9.35	62.8	62.33	0.467	88.5	85.4	26.469	0	0		
"2014-09-25	04:00:00"	7.347	92.3	15.87	11.14	4.525	89.4	24.39	7.561	62.67	62.23	0.44	87.9	84.3	26.468	0	0		
"2014-09-25	05:00:00"	7.285	60.27	11.02	10.54	4.287	55.29	17.07	8.16	62.36	62.08	0.282	90.3	85.9	26.462	0	0		
"2014-09-25	06:00:00"	6.854	67.87	8.2	9.95	4.051	63.27	17.12	6.964	61.92	61.66	0.266	92	87	26.463	0	0		
"2014-09-25	07:00:00"	6.954	55.6	11.71	10.54	3.868	51.09	17.67	6.964	61.91	61.7	0.208	93.1	87.8	26.468	0	0		
"2014-09-25	08:00:00"	7.453	56.01	13.76	9.95	4.348	51.7	18.85	7.561	61.82	61.69	0.124	93.9	88	26.48	3.0564	0		
"2014-09-25	09:00:00"	6.326	75.64	9.05	10.54	3.777	71.09	19.97	8.16	62.12	62.1	0.021	94.4	88.4	26.488	26.452	0		
"2014-09-25	10:00:00"	4.95	95.9	13.16	8.75	3.322	93.7	20.83	6.368	63.16	63.13	0.029	91.4	87.2	26.508	51.008	0.01		
"2014-09-25	11:00:00"	6.243	109.7	11.74	9.95	4.16	107.8	18.86	7.561	64.33	64.07	0.256	78.47	77.63	26.523	87.887	0		
"2014-09-25	12:00:00"	6.196	91.7	17.69	11.14	3.909	89.3	24.28	8.16	64.69	64.56	0.121	74.71	74.33	26.53	154.04	0		
"2014-09-25	13:00:00"	6.71	142.1	16.65	11.14	4.223	142.1	25.02	8.16	66.76	67.45	-0.684	72.32	70.09	26.537	277.67	0		
"2014-09-25	14:00:00"	7.044	148.2	18.63	11.14	4.592	148.9	25.29	8.16	68.2	69.09	-0.89	64.81	63.29	26.54	342.74	0		
"2014-09-25	15:00:00"	5.959	139.1	16.74	9.95	4.017	137.4	25.75	8.16	69.55	70.5	-0.944	62.21	60.82	26.532	319.35	0		
"2014-09-25	16:00:00"	5.033	105.4	32.24	9.95	3.567	99.4	42.22	7.561	70.4	71.15	-0.756	59.36	58.83	26.515	310.43	0		
"2014-09-25	17:00:00"	5.018	106.2	21.02	9.35	3.45	103.6	28.95	8.16	70.35	70.73	-0.377	61.37	61.33	26.5	139.54	0		
"2014-09-25	18:00:00"	7.772	71.29	18.72	12.93	4.769	66.92	24.87	8.16	70.02	70.61	-0.587	64.13	63.54	26.485	204.39	0		
"2014-09-25	19:00:00"	8.42	81.1	10.81	13.52	5.127	77.96	19.92	8.75	69.04	69.18	-0.143	68.81	67.73	26.481	91.452	0		
"2014-09-25	20:00:00"	5.964	62.96	8.66	8.75	3.525	61.82	16.07	6.368	67.43	67.13	0.305	74.48	72.87	26.475	16.69	0		
"2014-09-25	21:00:00"	7.853	45.21	9.51	11.74	4.127	40.66	14.04	8.16	65.5	65.27	0.227	81.4	77.96	26.467	0	0		
"2014-09-25	22:00:00"	9.04	56.67	10.39	13.52	5.536	54.72	17.78	11.14	64.45	64.27	0.184	83.4	79.65	26.471	0	0		
"2014-09-25	23:00:00"	7.927	48.91	8.82	11.74	4.138	44.5	14.42	8.16	63.35	63.01	0.337	85.9	82.7	26.472	0	0.02		
"2014-09-26	00:00:00"	7.029	48.87	8.25	10.54	3.563	44.87	14.56	6.964	63.33	62.76	0.57	83.9	81.5	26.468	0	0		
"2014-09-26	01:00:00"	7.438	57.44	9.51	10.54	4.203	55.16	16.32	8.16	63.58	63.01	0.573	82.1	79.85	26.462	0	0		
"2014-09-26	02:00:00"	6.861	54.27	11.22	9.35	3.796	50.48	17.69	8.16	63.62	63.07	0.551	81	78.63	26.453	0	0		
"2014-09-26	03:00:00"	6.017	35.02	9.91	8.75	3.046	33.63	11.85	5.771	63.41	63	0.413	81.7	78.74	26.451	0	0		
"2014-09-26	04:00:00"	6.405	31.89	10.54	8.75	3.452	32.14	13.2	7.561	63.04	62.43	0.614	80.7	78.16	26.44	0	0		
"2014-09-26	05:00:00"	5.967	47.9	7.357	8.16	2.926	46.77	13.33	5.175	62.68	61.56	1.117	79.24	78.2	26.425	0	0		
"2014-09-26	06:00:00"	6.033	39.95	12.27	8.75	3.158	39.98	15.14	5.771	61.96	61.2	0.756	80.7	78.12	26.421	0	0		
"2014-09-26	07:00:00"	7.055	43.77	10.16	9.95	3.541	40.61	14.36	7.561	61.51	60.91	0.596	81.1	78.07	26.42	0	0		
"2014-09-26	08:00:00"	7.405	59.73	14.04	10.54	4.115	56.96	19.78	8.16	60.69	60.05	0.64	82.8	79.52	26.423	2.3934	0		
"2014-09-26	09:00:00"	6.83	77.11	8.93	9.95	3.834	68.02	18.31	6.368	60.57	60.31	0.252	82.1	78.78	26.432	61.807	0		
"2014-09-26	10:00:00"	6.166	101.3	30	10.54	3.987	94.1	36.6	7.561	64.42	65.04	-0.615	75.26	71.91	26.449	270.78	0		
"2014-09-26	11:00:00"	8.8	172	15.11	14.12	5.696	175.1	22.63	9.95	68.54	69.91	-1.371	72.71	68.27	26.49	425.19	0		
"2014-09-26	12:00:00"	8.49	171.1	13.68	14.72	5.566	174.8	22.33	11.74	70.18	71.69	-1.507	68.8	65.15	26.507	606.98	0		
"2014-09-26	13:00:00"	7.033	182.1	30.25	15.91	4.92	186.2	33.52	13.52	74.03	75.27	-1.238	58.97	57.94	26.508	624.58	0		
"2014-09-26	14:00:00"	8.05	178	26.35	20.09	5.472	180.7	34	15.91	76.25	77.82	-1.576	51.07	51.31	26.506	798.25	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-26	15:00:00"	7.92	175.6	24.11	14.72	5.363	178.2	31.14	13.52	77.01	78.48	-1.47	47.78	48.75	26.493	670.34	0		
"2014-09-26	16:00:00"	8.07	170.2	27.4	17.1	5.367	172.5	32.72	12.33	77.63	78.96	-1.33	44.68	46.39	26.475	615.86	0		
"2014-09-26	17:00:00"	9.59	182.4	21.7	18.3	6.307	184.1	27.66	12.93	77.95	79.37	-1.415	45.51	46.5	26.466	549.82	0		
"2014-09-26	18:00:00"	9.1	193.8	15.16	14.72	5.85	195.6	19.94	11.14	74.55	74.94	-0.388	56.04	56.69	26.444	201.72	0		
"2014-09-26	19:00:00"	12.66	182.5	10.88	23.07	7.767	184.7	18.34	17.7	73.96	74.8	-0.837	59.27	58.38	26.43	265.56	0		
"2014-09-26	20:00:00"	8.02	187.6	7.279	13.52	4.499	187.1	15.59	9.95	70.52	70.04	0.481	65.63	65.8	26.422	36.569	0		
"2014-09-26	21:00:00"	5.556	185.3	5.329	8.16	2.243	169.4	14.09	4.578	66.55	64.77	1.776	80.9	80.6	26.402	0	0		
"2014-09-26	22:00:00"	4.383	184.2	9.84	6.964	1.828	160.2	19.7	3.386	64.85	63.24	1.607	87.4	86	26.403	0	0		
"2014-09-26	23:00:00"	5.322	155.1	6.036	7.561	1.953	134.7	10.36	3.982	64.05	62.14	1.91	86.9	87.3	26.407	0	0		
"2014-09-27	00:00:00"	5.657	154.5	7.748	7.561	2.174	145.4	16.24	3.982	63.22	61.49	1.729	87.2	86.9	26.411	0	0		
"2014-09-27	01:00:00"	5.787	144.5	12.09	9.95	2.467	123.5	26.87	5.771	62.85	60.83	2.021	88.4	87.8	26.407	0	0		
"2014-09-27	02:00:00"	5.799	169.5	5.595	10.54	2.511	166.1	13.28	6.368	61.01	59.9	1.111	91.4	87.7	26.401	0	0		
"2014-09-27	03:00:00"	3.58	161.7	7.825	5.175	1.333	125.7	31.01	2.193	60.12	58.56	1.562	93.5	88.8	26.389	0	0		
"2014-09-27	04:00:00"	2.458	159.4	15.86	3.982	1.42	129.9	82.6	2.193	59.68	58.25	1.438	94.7	89.3	26.376	0	0		
"2014-09-27	05:00:00"	3.27	142.4	31.36	5.175	1.811	76.13	42.33	2.789	59.42	57.73	1.691	94.8	89.3	26.366	0	0		
"2014-09-27	06:00:00"	2.996	129.3	12.23	5.771	2.052	69.56	33.87	3.982	59.96	57.44	2.518	91.4	89.5	26.359	0	0		
"2014-09-27	07:00:00"	2.954	104.5	17.43	5.771	2.027	63.12	31.2	3.982	59.62	56.93	2.696	90.3	89.7	26.355	0	0		
"2014-09-27	08:00:00"	4.433	72.35	10.09	8.16	2.359	64.35	22.98	4.578	58.8	56.96	1.839	92.1	89.5	26.357	2.1312	0		
"2014-09-27	09:00:00"	3.722	80.4	15.62	7.561	2.152	72.5	21.97	4.578	59.73	59.18	0.554	90.4	89.2	26.37	68.508	0		
"2014-09-27	10:00:00"	6.942	129.7	13.75	13.52	4.243	129.9	21.28	9.35	61.47	61.35	0.116	89.3	86.9	26.395	85.001	0		
"2014-09-27	11:00:00"	7.341	131	11.81	11.14	4.559	131.9	19.84	9.35	63.38	63.73	-0.359	86.1	82.8	26.414	194.1	0		
"2014-09-27	12:00:00"	7.253	145.5	19.32	14.72	4.68	147.1	27.81	11.14	66.64	67.64	-0.998	75.94	72.55	26.432	330.56	0		
"2014-09-27	13:00:00"	9.21	165.1	15.52	15.31	5.74	168	23.04	9.95	67.87	68.86	-0.988	72.96	69.56	26.438	262.26	0		
"2014-09-27	14:00:00"	8.29	161.3	20.75	15.31	5.344	163.1	27.61	9.95	69.43	70.48	-1.057	71.44	68.19	26.424	313.47	0		
"2014-09-27	15:00:00"	10.53	161.7	17.95	16.51	6.601	163.5	25.43	12.93	72.57	74.14	-1.569	62.45	60.54	26.409	582.67	0		
"2014-09-27	16:00:00"	8.53	177.4	17.61	15.91	5.451	178.8	24.25	12.93	73.24	74.18	-0.938	59.68	59.19	26.399	331.73	0		
"2014-09-27	17:00:00"	10.06	163.9	13.08	18.3	6.005	163.4	20.74	12.93	74.32	75.18	-0.857	55.5	55.98	26.376	320.66	0		
"2014-09-27	18:00:00"	8.4	179.3	11.03	15.31	4.985	180.9	18.09	10.54	73.24	73.15	0.083	58.23	59.43	26.361	108.77	0		
"2014-09-27	19:00:00"	7.643	171.9	28.89	12.93	4.441	173.3	33.38	8.75	72.64	72.31	0.338	60.3	61.76	26.351	59.562	0		
"2014-09-27	20:00:00"	8.62	137.2	9.42	16.51	4.524	135.4	17.34	11.74	71.08	70.15	0.929	64.35	65.64	26.347	15.382	0		
"2014-09-27	21:00:00"	7.21	121.6	8.65	9.95	3.564	115.7	15.43	5.771	67.78	66.06	1.723	72.78	74.29	26.345	0	0		
"2014-09-27	22:00:00"	7.922	125.4	11.86	11.14	3.966	122.2	18.87	6.964	66.6	65.24	1.363	76.93	76.75	26.354	0	0		
"2014-09-27	23:00:00"	7.564	121.6	10.35	12.93	3.931	118.3	17.26	8.16	65.3	63.96	1.346	79.93	79.17	26.357	0	0		
"2014-09-28	00:00:00"	7.162	127	8.93	10.54	3.416	122.4	16.8	6.368	63.67	62.31	1.365	84.9	83.2	26.356	0	0		
"2014-09-28	01:00:00"	7.653	134.6	6.37	9.35	3.679	130.8	15.12	5.771	62.79	61.56	1.231	86.3	84.3	26.355	0	0		
"2014-09-28	02:00:00"	6.867	148.4	7.577	9.95	3.121	143	14.92	6.964	61.47	60.26	1.205	89	86.1	26.355	0	0		
"2014-09-28	03:00:00"	5.341	137.9	7.171	9.35	2.366	134.4	15.39	5.175	60.5	59.55	0.94	92.4	87.8	26.352	0	0		
"2014-09-28	04:00:00"	5.147	135.9	7.277	6.368	2.054	115.3	13.2	3.386	60.49	58.87	1.619	94.5	89.1	26.351	0	0		
"2014-09-28	05:00:00"	4.977	133.7	6.534	7.561	2.149	108.3	18.13	3.982	59.82	58.33	1.493	96.3	89.2	26.343	0	0		
"2014-09-28	06:00:00"	4.511	117.8	16.72	6.368	2.116	97.5	25.71	3.386	59.06	57.88	1.183	97.1	89.3	26.345	0	0		
"2014-09-28	07:00:00"	5.749	95.6	9.75	8.16	3.277	87.8	17.66	5.175	58.35	57.91	0.442	97.9	87.6	26.347	0	0		
"2014-09-28	08:00:00"	5.498	109.3	9.99	9.35	3.619	103.9	17.76	6.964	58.91	58.9	0.007	98.2	79.39	26.354	1.7609	0		
"2014-09-28	09:00:00"	6.676	129.8	14.05	11.14	3.982	131.2	22.12	7.561	59.69	59.93	-0.235	98.2	71.69	26.372	45.43	0		
"2014-09-28	10:00:00"	6.87	154.4	15.24	10.54	4.111	158.7	23.36	7.561	61.19	61.92	-0.727	96.9	77.44	26.394	208.13	0		
"2014-09-28	11:00:00"	7.365	155.1	14.54	11.74	4.61	157	23.35	8.75	63.35	64.2	-0.842	89.1	86.9	26.415	262.96	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-28	12:00:00"	8.14	141.7	21.88	14.12	5.55	145.5	30.27	10.54	69.2	70.69	-1.494	71.63	67.92	26.434	620.98	0		
"2014-09-28	13:00:00"	9.27	146.2	17.93	16.51	6.115	146.9	26.16	11.74	72.36	74.33	-1.967	62.4	59.68	26.453	762.44	0		
"2014-09-28	14:00:00"	9.26	147	23.02	16.51	6.133	148.2	32.28	13.52	74.2	76.17	-1.968	56.58	55.24	26.455	795.27	0		
"2014-09-28	15:00:00"	9.63	145.6	21.35	15.31	6.256	147.3	28.78	11.74	75.77	77.85	-2.084	52.49	51.89	26.443	784.5	0		
"2014-09-28	16:00:00"	9.48	149.1	21.42	18.89	6.309	149.1	29.88	14.72	77.35	79.13	-1.785	49.15	49.32	26.434	726.7	0		
"2014-09-28	17:00:00"	10.23	117.3	21.03	15.91	6.788	115	28.85	12.93	77.64	79.27	-1.632	48.26	49	26.42	570.89	0		
"2014-09-28	18:00:00"	10.22	119.1	12.08	15.91	6.74	118.5	19.36	11.74	77.04	78.17	-1.133	49.51	50.42	26.414	350.08	0		
"2014-09-28	19:00:00"	9.82	119.4	11.03	15.91	6.283	118.7	18.63	12.33	76.25	76.71	-0.456	50.66	51.96	26.408	191.88	0		
"2014-09-28	20:00:00"	7.71	108.6	8.83	12.93	4.534	106.6	17.55	10.54	72.76	72.02	0.736	59.36	61.1	26.397	26.607	0		
"2014-09-28	21:00:00"	7.1	95	5.995	8.75	3.639	92.6	15.1	5.771	67.8	66.45	1.349	72.13	73.07	26.381	0	0		
"2014-09-28	22:00:00"	7.04	91.8	6.007	9.35	3.322	88.9	14.14	5.771	65.85	64.27	1.577	77.09	77.62	26.376	0	0		
"2014-09-28	23:00:00"	7.329	91	5.112	9.35	3.524	89	14.35	5.175	65.14	63.52	1.616	78.07	78.53	26.372	0	0		
"2014-09-29	00:00:00"	7.929	91.2	5.744	10.54	4.072	89	15.07	6.368	64.56	63.12	1.439	79.09	78.73	26.368	0	0		
"2014-09-29	01:00:00"	6.122	120.5	14.63	9.35	2.883	116	20.08	5.771	63.11	61.61	1.505	83.1	82	26.367	0	0		
"2014-09-29	02:00:00"	6.292	125	7.746	8.16	2.73	112.1	17.78	5.175	62.64	60.77	1.87	83.5	83.7	26.356	0	0		
"2014-09-29	03:00:00"	6.05	126.2	7.522	7.561	2.532	106.4	15.08	3.982	62.52	60.29	2.223	83.6	84.3	26.355	0	0		
"2014-09-29	04:00:00"	5.541	123.1	6.8	6.964	2.143	93.6	13.07	3.386	61.9	59.31	2.593	86	85.9	26.348	0	0		
"2014-09-29	05:00:00"	5.9	120.5	7.33	8.16	2.488	93.8	14.49	4.578	61.18	58.62	2.559	88.1	87.4	26.335	0	0		
"2014-09-29	06:00:00"	6.61	122.4	6.848	8.16	3.234	112.9	14.46	5.175	60.72	59.29	1.428	89.9	88	26.325	0	0		
"2014-09-29	07:00:00"	6.732	120.2	9.17	9.35	3.521	111.3	16.56	5.771	60.46	59.29	1.168	91.1	88.1	26.328	0	0		
"2014-09-29	08:00:00"	6.322	98.1	6.555	8.16	3.321	88.8	14.41	5.771	59.15	58.02	1.134	92.7	88.2	26.333	3.5471	0		
"2014-09-29	09:00:00"	6.888	112.1	11.2	9.95	4.154	106.8	20.07	7.561	61.65	61.36	0.291	88.5	85.3	26.344	117.5	0		
"2014-09-29	10:00:00"	9.84	132.2	14.18	17.1	6.105	132	21.86	12.33	66.8	67.57	-0.769	77.66	74.46	26.382	301.88	0		
"2014-09-29	11:00:00"	14.4	154.7	10.88	20.68	8.55	155.7	20.47	14.72	70.75	71.9	-1.145	65.35	63.52	26.408	495.99	0		
"2014-09-29	12:00:00"	14.93	154.5	13.08	23.07	8.91	154.2	20.65	16.51	73.74	75.21	-1.476	57.05	56.14	26.421	650.13	0		
"2014-09-29	13:00:00"	15.33	150.9	12.75	23.07	9.28	151.3	20.76	17.1	75.63	77.33	-1.7	52.97	52.59	26.42	742.31	0		
"2014-09-29	14:00:00"	14.57	163.4	14.44	23.07	8.85	164.1	21.99	17.7	76.83	78.22	-1.39	49.51	50.09	26.413	630.86	0		
"2014-09-29	15:00:00"	13.94	155.9	12.74	21.87	8.44	156	20.43	15.91	77.88	79.42	-1.543	47.3	48.12	26.394	671.46	0		
"2014-09-29	16:00:00"	14.2	154.2	14.8	23.07	8.58	154.9	22.4	14.72	78.87	80.4	-1.578	46.64	47.52	26.371	691.24	0		
"2014-09-29	17:00:00"	13.76	150.8	12.34	22.47	8.37	150.3	19.75	15.31	79.79	81.2	-1.418	44.54	45.84	26.353	558.61	0		
"2014-09-29	18:00:00"	13.69	152.5	13.09	21.28	7.954	152.8	20.43	15.31	79.94	81.1	-1.193	43.68	45.21	26.336	411.32	0		
"2014-09-29	19:00:00"	13.6	149.8	10.39	21.28	7.868	151.6	19.19	15.31	79.17	79.54	-0.364	44.57	46.62	26.323	198.66	0		
"2014-09-29	20:00:00"	10.82	148.1	7.818	16.51	5.833	147.7	16.68	10.54	75.5	74.6	0.893	49.95	52.68	26.303	22.621	0		
"2014-09-29	21:00:00"	8.03	139.8	7.083	12.33	3.718	137.3	15.21	7.561	71.54	69.79	1.748	58.16	61.3	26.276	0	0		
"2014-09-29	22:00:00"	7.817	139	6.462	10.54	3.529	133.3	15.06	6.368	68.46	66.41	2.051	66.6	69.24	26.261	0	0		
"2014-09-29	23:00:00"	8.53	148	6.95	11.74	4.196	145.1	15.97	7.561	67.39	65.9	1.491	68.95	69.88	26.254	0	0		
"2014-09-30	00:00:00"	9.73	159.1	10.21	18.3	5.244	158.3	19.19	11.14	67.59	66.27	1.32	68	68.64	26.248	0	0		
"2014-09-30	01:00:00"	10.43	164.7	9.48	17.7	5.66	165.5	18.42	12.33	67.77	66.83	0.936	69.03	68.52	26.25	0	0		
"2014-09-30	02:00:00"	6.683	171.7	10.19	9.35	2.962	172.5	19.87	5.771	65.2	63.66	1.543	76.05	75.8	26.238	0	0		
"2014-09-30	03:00:00"	5.238	177.9	10.91	7.561	1.962	173.4	23.04	3.982	64.38	62.27	2.111	76.91	77.96	26.224	0	0		
"2014-09-30	04:00:00"	7.021	166.7	10.08	11.74	3.41	165	19.98	7.561	64.13	62.57	1.561	78.94	78.68	26.211	0	0		
"2014-09-30	05:00:00"	6.809	177.8	9.9	11.14	3.598	180.5	18.57	6.964	64.75	63.96	0.788	80.7	78.28	26.209	0	0		
"2014-09-30	06:00:00"	5.943	169	11.69	9.95	2.866	169.8	20.85	5.771	63.46	62.4	1.065	84.9	82.2	26.201	0	0		
"2014-09-30	07:00:00"	4.718	188.9	7.486	6.964	1.836	190.6	14.33	3.982	62.53	61.06	1.475	87.3	84.7	26.194	0	0		
"2014-09-30	08:00:00"	4.013	187.5	9.65	5.771	1.446	197.2	18.36	2.789	61.16	59.76	1.403	90	86.7	26.189	1.9429	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-09-30	09:00:00"	4.835	202.8	16.14	9.35	2.845	213	30.44	7.561	63.29	62.93	0.358	86.4	83.4	26.197	107.92		0	
"2014-09-30	10:00:00"	10.28	201.4	11.63	14.72	6.743	203	16.26	11.74	67.94	68.63	-0.695	76.17	72.42	26.231	295.08		0	
"2014-09-30	11:00:00"	9.79	209.4	12.86	14.12	6.765	209.7	16.54	11.14	71.62	72.69	-1.07	68.34	65.51	26.258	490.74		0	
"2014-09-30	12:00:00"	9.51	225.7	14.39	15.31	6.913	224.2	16.61	12.93	75.82	76.78	-0.963	59.28	58.64	26.273	647.9		0	
"2014-09-30	13:00:00"	10.4	243.2	16.31	17.1	7.858	240.2	20.13	14.12	80.8	81.6	-0.791	47.71	49.6	26.275	755.36		0	
"2014-09-30	14:00:00"	12.78	257.7	16.57	21.28	9.7	255.3	20.41	17.1	84.5	85.4	-0.864	33.08	36.24	26.27	802.73		0	
"2014-09-30	15:00:00"	13.47	262.6	16.41	21.28	10.06	261.8	21.04	20.68	85.4	86.5	-1.103	30.89	33.61	26.25	789.07		0	
"2014-09-30	16:00:00"	12.96	234.4	13.68	23.07	9.56	233.8	17.27	20.09	86.1	86.8	-0.649	30.77	33.57	26.227	710.1		0	
"2014-09-30	17:00:00"	12.9	235	15.61	21.28	9.36	234.4	17.77	17.7	86.3	86.7	-0.448	30.17	32.95	26.215	540.91		0	
"2014-09-30	18:00:00"	16.21	234.7	15.11	28.43	11.62	234.3	18.05	24.26	86	86.3	-0.349	28.94	31.45	26.198	394.65		0	
"2014-09-30	19:00:00"	13.06	248.2	10.68	22.47	9.86	247.5	14.51	19.49	85.2	85	0.204	31.57	34.56	26.188	193.78		0	
"2014-09-30	20:00:00"	7.368	256.8	8.79	12.33	4.596	253.1	12.57	9.35	81.7	80	1.712	37.08	42.88	26.183	24.122		0	
"2014-09-30	21:00:00"	6.583	257.3	9.78	10.54	3.279	255.2	13.12	6.964	78.36	75.39	2.966	40.26	48.23	26.173	0		0	
"2014-09-30	22:00:00"	4.627	240.5	9.63	6.964	1.39	275.4	36.39	2.789	75.83	70.52	5.302	42.69	56.74	26.162	0		0	
"2014-09-30	23:00:00"	3.738	195	44.17	8.75	1.527	113.7	68.07	4.578	70.93	66.8	4.123	54.29	63.91	26.159	0		0	
"2014-10-01	00:00:00"	2.744	209.8	44.15	5.175	1.795	96	76.48	3.982	71.08	67.12	3.96	52.11	62.47	26.152	0		0	
"2014-10-01	01:00:00"	5.553	160.4	18.47	8.75	2.048	119.2	42.94	4.578	68.44	63.77	4.665	58.89	68.68	26.148	0		0	
"2014-10-01	02:00:00"	6.733	161.2	19.78	10.54	2.749	147.9	31.4	5.771	66.34	63.87	2.465	76.31	77.51	26.137	0		0	
"2014-10-01	03:00:00"	2.971	199.1	23.8	6.368	1.411	260	85.2	3.982	65.24	63.14	2.099	81.9	81.2	26.134	0		0	
"2014-10-01	04:00:00"	2.339	232.7	25.84	3.982	1.344	295.8	58.58	2.789	64.36	62.29	2.069	86.7	84.4	26.131	0		0	
"2014-10-01	05:00:00"	2.487	233.5	30.34	3.982	1.076	272.1	69.89	2.193	64.36	61.68	2.678	89	87	26.122	0		0	
"2014-10-01	06:00:00"	2.264	193.1	22.81	3.982	1.312	66.91	53.03	2.193	63.32	61.18	2.137	92.7	88.8	26.118	0		0	
"2014-10-01	07:00:00"	3.186	182.6	31.34	10.54	2.049	85.8	64.41	7.561	62.32	60.57	1.751	95.6	88.9	26.122	0		0	
"2014-10-01	08:00:00"	3.664	210.4	25.51	6.964	1.648	182.2	72.19	3.982	61.9	59.73	2.169	96.5	89.1	26.135	2.1983		0	
"2014-10-01	09:00:00"	3.571	191.6	18.19	8.16	1.953	174.1	64.95	5.771	62.26	61.47	0.79	96.3	88.3	26.149	99.851		0	
"2014-10-01	10:00:00"	5.95	259	25.85	10.54	4.655	258.5	28.94	9.35	67.49	67.53	-0.04	87.1	87.4	26.188	301.53		0	
"2014-10-01	11:00:00"	8.14	241.7	14.84	12.33	6.257	240.1	18.31	10.54	71.72	72.33	-0.605	76.18	73.81	26.223	497.13		0	
"2014-10-01	12:00:00"	8.92	235.2	15.21	14.72	6.849	233.8	17.78	13.52	77.41	77.96	-0.547	49.76	51.53	26.248	660.27		0	
"2014-10-01	13:00:00"	11.89	252.5	17.37	18.89	9	249.7	20.84	15.31	81.8	82.5	-0.669	28.16	31.13	26.264	769.6		0	
"2014-10-01	14:00:00"	12.15	257.6	16.21	18.3	9.22	256.5	20.68	16.51	83.6	84.5	-0.963	23.82	26.08	26.26	817.36		0	
"2014-10-01	15:00:00"	13.3	245.6	13.7	20.68	10.27	244.2	17.03	18.89	84.8	85.4	-0.678	19.89	21.76	26.233	803.67		0	
"2014-10-01	16:00:00"	12.98	238.3	16.77	20.68	9.52	237.2	19.72	17.7	85.4	86.1	-0.707	19.59	21.32	26.216	722.61		0	
"2014-10-01	17:00:00"	13.85	230.6	13.11	22.47	9.92	230.2	16.4	16.51	85.6	86.1	-0.486	20.06	21.69	26.209	585.25		0	
"2014-10-01	18:00:00"	13.52	228.5	12.53	20.68	9.58	227.8	15.07	17.7	85.7	86.1	-0.353	19.63	21.12	26.204	404.05		0	
"2014-10-01	19:00:00"	11.79	235.5	9.59	20.09	8.42	234.3	12.78	14.72	84.6	84.3	0.294	20.13	21.89	26.205	198.59		0	
"2014-10-01	20:00:00"	7.442	228.3	7.289	13.52	3.825	232.7	11.75	9.95	79.31	77.15	2.164	28.72	33.92	26.194	23.061		0	
"2014-10-01	21:00:00"	6.071	218.4	8.33	8.75	2.044	225.7	29.3	3.982	74.23	69.61	4.622	37.04	47.33	26.168	0		0	
"2014-10-01	22:00:00"	5.586	231	8.01	8.75	1.785	250.6	28.08	2.789	72.22	66.68	5.532	40.25	53.06	26.159	0		0	
"2014-10-01	23:00:00"	5.686	240.7	9.01	9.35	1.924	247.8	32.37	4.578	71.1	65.07	6.03	39.27	54.41	26.156	0		0	
"2014-10-02	00:00:00"	5.71	237.2	9.15	8.75	2.479	235.9	12.02	7.561	69.91	65.82	4.085	37.76	46.78	26.152	0		0	
"2014-10-02	01:00:00"	2.804	231.1	17.75	6.368	1.607	125.9	81.6	3.386	65.58	61.78	3.793	44.95	53.64	26.144	0		0	
"2014-10-02	02:00:00"	5.09	244.1	76.03	13.52	2.385	125.4	86.4	6.964	64.86	59.3	5.558	44.02	58.38	26.132	0		0	
"2014-10-02	03:00:00"	3.39	132.6	33.64	5.175	1.827	64.02	24.31	2.789	64.42	59.81	4.614	45.64	55.75	26.132	0		0	
"2014-10-02	04:00:00"	4.298	150.8	34.53	6.368	2.143	97.3	35.88	3.982	64.35	60.21	4.143	53.46	60.67	26.136	0		0	
"2014-10-02	05:00:00"	4.172	222.7	39.99	8.75	1.913	203.7	94.6	5.771	61.22	56.56	4.666	59.2	69.41	26.134	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-02	06:00:00"	4.756	223.5	27.05	8.75	1.673	273.8	91.2	3.982	60.12	55.51	4.609	72.32	74.83	26.136	0	0		
"2014-10-02	07:00:00"	5.835	287.5	16.13	8.75	2.241	299.4	21.11	3.982	59.83	54.91	4.914	56.36	69.12	26.156	0	0		
"2014-10-02	08:00:00"	7.901	305.2	6.418	11.14	3.752	305.5	14.76	7.561	58.32	55.97	2.353	60.17	63.64	26.173	2.4756	0		
"2014-10-02	09:00:00"	11.31	319.9	8.19	16.51	8.36	321.9	9.34	14.12	60.33	59.73	0.601	54.71	55.03	26.215	109.29	0		
"2014-10-02	10:00:00"	13.82	348.5	17.25	23.66	10.38	347.2	18.34	18.3	66.05	66.28	-0.235	45.49	46.23	26.283	307.68	0		
"2014-10-02	11:00:00"	14.34	1.813	13.34	21.28	10.59	359.5	16.55	17.7	67.85	68.82	-0.962	45.89	45.68	26.336	504.27	0		
"2014-10-02	12:00:00"	13.55	5.643	14.11	20.68	10.02	4.146	17.32	16.51	69.49	70.83	-1.339	46.93	46.37	26.367	658.45	0		
"2014-10-02	13:00:00"	11.41	0.04	16.29	17.7	8.95	358.4	19.91	16.51	72.79	74.19	-1.408	42.5	43.13	26.386	762.06	0		
"2014-10-02	14:00:00"	9.86	353.8	20.37	20.09	7.924	353.2	23.19	17.7	75.59	77.03	-1.442	36.48	38.07	26.395	807.48	0		
"2014-10-02	15:00:00"	13.19	331.7	17.37	23.07	10.7	332.9	18.02	17.7	76.24	77.54	-1.298	33.67	34.89	26.396	789.32	0		
"2014-10-02	16:00:00"	12.56	342.1	20.56	21.87	9.89	343	21.52	17.1	76.61	77.99	-1.378	33.51	34.59	26.391	707.03	0		
"2014-10-02	17:00:00"	11.91	341.2	19.9	20.68	9.49	341.1	22.06	18.89	77.42	78.61	-1.193	30.08	31.14	26.388	574.72	0		
"2014-10-02	18:00:00"	11.53	345.6	15.04	20.09	9.01	344.8	16.9	16.51	77.06	78.25	-1.191	28.71	29.59	26.386	394.83	0		
"2014-10-02	19:00:00"	9.21	342.5	16.93	14.72	7.03	342	17.7	11.74	76.17	76.73	-0.557	28	29.44	26.388	191.53	0		
"2014-10-02	20:00:00"	6.956	12.23	11.34	10.54	4.648	4.745	15.2	8.75	72.43	71.88	0.559	34.5	37.05	26.394	21.083	0		
"2014-10-02	21:00:00"	8.77	19.83	10.02	14.12	5.837	18.95	13.23	11.74	68.67	68.06	0.602	38.94	40.3	26.386	0	0		
"2014-10-02	22:00:00"	6.741	42.82	9.05	9.35	3.306	43.46	13.22	6.368	65.23	63.94	1.296	45.62	47.55	26.389	0	0		
"2014-10-02	23:00:00"	7.828	38.43	8.55	11.74	3.833	36.99	12.49	7.561	63.04	61.92	1.128	49.38	50.01	26.388	0	0		
"2014-10-03	00:00:00"	7.708	44.6	9.14	12.93	3.738	42.71	15.5	7.561	62.15	60.87	1.279	50.5	51.29	26.387	0	0		
"2014-10-03	01:00:00"	6.915	62.17	10.78	10.54	3.553	64.44	18.91	6.964	60.66	58.71	1.953	53.51	55.42	26.383	0	0		
"2014-10-03	02:00:00"	6.282	81.1	18.59	9.95	2.996	76.81	28.4	5.771	56.93	53.86	3.074	62.91	66.49	26.368	0	0		
"2014-10-03	03:00:00"	3.297	154.2	65.72	7.561	1.738	25.26	93.4	3.982	55.72	52.34	3.382	66.65	70.85	26.357	0	0		
"2014-10-03	04:00:00"	2.255	266.6	42.59	5.771	1.494	320	28.87	3.386	55.23	51.11	4.119	67.04	74.12	26.35	0	0		
"2014-10-03	05:00:00"	2.76	320.8	20.71	5.771	1.399	324.1	66.61	3.982	56.98	51.08	5.905	61.12	73.08	26.348	0	0		
"2014-10-03	06:00:00"	3.629	284.5	20.28	5.771	1.769	220.9	62.79	3.982	52.76	48.02	4.737	73.18	78.25	26.368	0	0		
"2014-10-03	07:00:00"	2.566	295.5	29	5.175	1.297	348.8	86.6	3.386	52.44	47.9	4.544	73.68	78.33	26.379	0	0		
"2014-10-03	08:00:00"	2.995	291.9	18.56	3.982	1.058	279.7	75.67	2.193	53.53	48.95	4.585	69.74	75.6	26.393	2.4553	0		
"2014-10-03	09:00:00"	2.741	358.3	52.28	3.982	1.382	68.12	61.16	3.386	56.68	54.26	2.425	65.66	70.75	26.416	107.24	0		
"2014-10-03	10:00:00"	2.642	193.2	62.61	5.771	2.019	226.9	73.94	4.578	64.51	64.77	-0.261	52.77	52.66	26.477	308.36	0		
"2014-10-03	11:00:00"	6.516	215.2	15.55	13.52	4.737	220.4	18.4	9.95	68.41	69.1	-0.689	45.17	45.34	26.549	505.07	0		
"2014-10-03	12:00:00"	10.16	204	14.19	16.51	6.986	206.8	18.36	13.52	70.94	72.08	-1.138	38.68	39.5	26.578	661.61	0		
"2014-10-03	13:00:00"	7.403	198.4	21.38	14.72	5.297	201.5	25.38	11.14	74.09	75.13	-1.033	34.45	35.5	26.586	764.6	0		
"2014-10-03	14:00:00"	5.72	209.1	39.96	11.74	4.419	215.3	42.53	8.75	77.24	78.06	-0.819	31	32.26	26.588	808.54	0		
"2014-10-03	15:00:00"	4.69	214.5	65.16	10.54	3.84	223.8	68.91	8.75	79.51	80.2	-0.713	27.71	29.06	26.577	789.69	0		
"2014-10-03	16:00:00"	4.685	219.8	74.98	9.95	3.788	225.4	72.74	8.75	81	81.8	-0.737	24.44	25.63	26.564	708.99	0		
"2014-10-03	17:00:00"	3.772	268.9	62.24	12.93	3.225	267.7	61.74	10.54	81.9	82.2	-0.328	20.87	21.64	26.56	573.61	0		
"2014-10-03	18:00:00"	3.607	188.5	66.58	9.95	2.767	197	69.14	8.75	81.9	83	-1.081	22.35	22.98	26.558	386.6	0		
"2014-10-03	19:00:00"	3.34	164.1	50.76	6.964	2.312	162.8	48.82	6.368	80.5	80.9	-0.402	23.28	25.84	26.551	182.8	0		
"2014-10-03	20:00:00"	5.405	108.6	16.04	11.74	2.897	98.1	17.05	6.368	75.21	72.91	2.296	31.42	40.67	26.533	18.421	0		
"2014-10-03	21:00:00"	13.1	74.29	8.63	22.47	7.6	70.19	18.33	15.31	65.63	64.91	0.726	51.52	51.62	26.518	0	0		
"2014-10-03	22:00:00"	14.49	70.17	7.208	19.49	8.72	65.94	17.34	14.12	61.81	61.35	0.463	57.29	55.66	26.519	0	0		
"2014-10-03	23:00:00"	12.49	74.63	8.1	17.7	7.148	70.39	18.4	12.93	58.94	58.44	0.504	62	59.52	26.513	0	0		
"2014-10-04	00:00:00"	10.13	76.59	8.16	14.72	5.791	71.63	18.53	9.95	56.61	56	0.614	66.51	63.45	26.5	0	0		
"2014-10-04	01:00:00"	9.3	75.29	7.37	12.33	5.097	70.01	18.16	8.75	54.44	53.72	0.713	71.55	67.86	26.489	0	0		
"2014-10-04	02:00:00"	7.985	79.83	8.92	11.74	4.296	75.79	19.17	7.561	52.82	51.96	0.866	75.09	71.19	26.482	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-04	03:00:00"	7.733	74.54	7.755	11.14	4.143	69.04	17.24	6.964	51.73	50.72	1.006	75.9	72.27	26.475	0	0		
"2014-10-04	04:00:00"	7.693	63.7	8.63	9.95	4.365	58.83	15.73	6.964	51.27	50.37	0.904	75.27	71.42	26.467	0	0		
"2014-10-04	05:00:00"	7.879	61.91	8.12	10.54	4.53	59.31	16.46	7.561	50.36	49.6	0.752	76.76	72.2	26.454	0	0		
"2014-10-04	06:00:00"	8.26	59.26	8.47	11.74	4.872	56.86	15.96	8.75	50.06	49.33	0.736	75.86	71.39	26.44	0	0		
"2014-10-04	07:00:00"	8.41	68.13	8.56	12.33	4.745	65.05	17.54	8.16	48.65	47.93	0.723	77.79	72.77	26.425	0	0		
"2014-10-04	08:00:00"	7.046	79.45	10.78	9.95	3.626	74.15	18.59	6.964	47.72	46.75	0.968	79.5	74.88	26.411	2.1883	0		
"2014-10-04	09:00:00"	6.2	107.5	28.08	11.74	3.608	104.5	35.45	8.16	51.17	51.21	-0.037	72.88	68.18	26.409	102.71	0		
"2014-10-04	10:00:00"	9.83	176.7	16.44	16.51	6.21	179.2	22.49	12.33	57.84	58.68	-0.84	61.08	56.93	26.436	299.99	0		
"2014-10-04	11:00:00"	13.83	200	11.91	21.28	8.95	201.9	16.91	15.91	63.18	64.27	-1.09	53.98	51.16	26.469	496.19	0		
"2014-10-04	12:00:00"	13.05	200.4	12.89	19.49	8.62	201.6	17.12	15.91	66.73	68.11	-1.382	49.55	47.52	26.481	651.96	0		
"2014-10-04	13:00:00"	13.87	204.2	12.51	20.09	9.32	205.6	17.23	17.7	70.34	71.81	-1.469	44.17	43.48	26.47	757.05	0		
"2014-10-04	14:00:00"	12.94	208.4	12.71	18.89	8.82	208.3	16.53	14.72	73.81	75.3	-1.496	38.2	38.83	26.453	802.36	0		
"2014-10-04	15:00:00"	12.35	223	15.07	20.68	8.92	221.5	17.05	16.51	77.37	78.52	-1.156	33.74	34.95	26.428	785.23	0		
"2014-10-04	16:00:00"	10.96	221	16.49	17.7	7.801	219.4	18.12	14.12	79.74	80.9	-1.12	31.1	32.41	26.404	705.18	0		
"2014-10-04	17:00:00"	9.23	231.7	22.1	20.09	6.855	229.7	23.39	14.72	82.4	83.2	-0.826	26.26	27.62	26.385	567.26	0		
"2014-10-04	18:00:00"	8.66	230.8	17.49	15.31	6.395	228.5	20.37	11.74	82.4	83.1	-0.756	26.1	27.36	26.371	385.54	0		
"2014-10-04	19:00:00"	6.058	230.4	9.84	11.14	3.958	227.7	12.65	9.95	81.9	82.1	-0.165	27.96	30.51	26.354	180.45	0		
"2014-10-04	20:00:00"	4.609	179.5	14.15	7.561	2.165	152.1	17.98	3.386	77.93	74.85	3.079	34.32	43.48	26.333	17.17	0		
"2014-10-04	21:00:00"	4.659	148.4	14.9	6.368	2.338	91.7	19.75	3.386	71.66	67.38	4.275	44.7	53.75	26.303	0	0		
"2014-10-04	22:00:00"	5.034	144.1	9.41	6.368	2.202	93.7	12.78	3.386	69.44	64.97	4.472	47.62	57.04	26.286	0	0		
"2014-10-04	23:00:00"	6.856	150.2	17.49	13.52	2.874	122.8	39.01	9.35	67.38	63.09	4.288	51	58.82	26.272	0	0		
"2014-10-05	00:00:00"	7.113	172.9	8.22	11.14	2.905	176.1	18.81	6.368	62.87	60.71	2.162	63.03	64.58	26.258	0	0		
"2014-10-05	01:00:00"	5.957	193.5	8.79	8.16	2.275	200.5	15.1	3.982	61.27	58.22	3.049	66.83	69.66	26.234	0	0		
"2014-10-05	02:00:00"	5.868	207.3	7.785	8.75	2.331	217.7	15.96	4.578	60.67	57.91	2.761	68.37	70.37	26.217	0	0		
"2014-10-05	03:00:00"	5.203	206.1	12.75	6.964	1.639	220.1	46.18	3.386	59.22	55.62	3.6	71.37	74.13	26.205	0	0		
"2014-10-05	04:00:00"	3.73	222.1	11.83	5.771	1.069	260.3	41.35	2.193	57.65	54.04	3.619	74.94	76.94	26.184	0	0		
"2014-10-05	05:00:00"	1.649	260.1	7.971	2.789	1.004	29.17	59.52	2.193	56.84	53.41	3.432	77.15	78.05	26.166	0	0		
"2014-10-05	06:00:00"	3.009	287.1	13.93	5.771	1.226	321.6	81.9	3.386	56.53	51.98	4.548	77.58	80.7	26.158	0	0		
"2014-10-05	07:00:00"	6.503	314.7	6.206	9.95	2.977	311.7	13.5	6.964	55.43	51.83	3.6	79.78	81.3	26.16	0	0		
"2014-10-05	08:00:00"	4.655	291.5	10.74	6.964	2.244	284.6	27.52	3.982	54.27	51.62	2.654	82.3	80.9	26.163	2.1473	0		
"2014-10-05	09:00:00"	4.691	288.2	8.3	5.771	2.462	292.3	16.82	4.578	57.53	55.57	1.965	75.71	76.85	26.165	102.82	0		
"2014-10-05	10:00:00"	4.828	250.6	22.18	7.561	3.685	248	24.31	6.368	63.39	63.95	-0.559	66.04	63.45	26.211	303.49	0		
"2014-10-05	11:00:00"	8.02	272.9	14.02	15.91	5.966	270.1	20.57	11.74	71.73	72.6	-0.867	43.15	44.45	26.265	504.69	0		
"2014-10-05	12:00:00"	12.88	292	15.4	20.68	9.89	294.1	20.58	17.7	77.89	78.54	-0.651	25.53	27.06	26.295	662.7	0		
"2014-10-05	13:00:00"	16.6	305.8	10.95	23.66	13.05	310	12.8	20.09	80.1	80.7	-0.578	18.91	19.57	26.3	766.87	0		
"2014-10-05	14:00:00"	14.86	307.1	13.23	23.66	11.79	310.8	15.81	20.68	81.1	82	-0.838	18.79	19.26	26.292	811.2	0		
"2014-10-05	15:00:00"	13.49	290	17.02	21.87	10.28	291	23.41	18.89	82.2	83.4	-1.211	18.76	19.11	26.272	792.95	0		
"2014-10-05	16:00:00"	14.12	291.5	15.11	23.07	10.85	293.4	20.02	18.3	83.5	84.5	-1.041	18.51	18.96	26.254	705.58	0		
"2014-10-05	17:00:00"	14.06	299.1	14.84	23.07	10.9	301.6	19.12	18.89	84.2	85	-0.819	18.37	18.84	26.249	566.32	0		
"2014-10-05	18:00:00"	13.02	305.3	10.51	20.09	10.17	309.4	12.76	17.1	84.1	84.7	-0.582	19.46	20.04	26.246	383.34	0		
"2014-10-05	19:00:00"	10.84	307.9	11.51	17.1	8.19	310.9	13.63	15.31	83.1	83.1	-0.06	22.02	23.17	26.241	177.93	0		
"2014-10-05	20:00:00"	6.692	299	8.67	9.35	3.617	307.7	16.88	7.561	78.11	75.52	2.596	28.52	34.47	26.231	16.237	0		
"2014-10-05	21:00:00"	6.831	312.5	16.13	13.52	3.026	301.3	33.08	9.35	73.03	68.4	4.638	35.29	43.94	26.21	0	0		
"2014-10-05	22:00:00"	8.76	330.6	9.13	13.52	5.246	332.1	12.73	9.95	71.91	69.27	2.635	36.76	42.21	26.218	0	0		
"2014-10-05	23:00:00"	5.171	339.8	20.67	9.95	2.533	347.3	52.96	6.368	67.02	64.8	2.218	47.44	50.85	26.227	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-06	00:00:00"	6.455	2.433	30.8	11.14	4.043	1.417	58.89	8.75	67.66	64.94	2.718	46.89	51.06	26.22		0	0	
"2014-10-06	01:00:00"	9.12	14.6	7.018	12.33	6.255	16.23	9.83	9.95	68.21	66.97	1.237	45.89	47.75	26.239		0	0	
"2014-10-06	02:00:00"	7.178	334.1	35.73	11.74	4.31	334	39.17	8.75	63.69	62.43	1.262	57.25	57.45	26.246		0	0	
"2014-10-06	03:00:00"	7.443	0.455	18.03	11.14	4.552	0.438	19.55	8.75	62.47	61.12	1.351	59.52	59.44	26.232		0	0	
"2014-10-06	04:00:00"	4.485	346.6	30.81	8.75	2.974	328	45.05	6.964	61.73	59.76	1.971	60.38	61.31	26.227		0	0	
"2014-10-06	05:00:00"	3.842	340.8	37.37	8.16	2.244	314.7	63.81	5.771	60.08	57.93	2.156	63.16	63.98	26.201		0	0	
"2014-10-06	06:00:00"	2.952	341.4	25.1	6.368	1.284	313.8	53.41	3.386	56.85	52.98	3.876	70.47	74.58	26.187		0	0	
"2014-10-06	07:00:00"	2.747	336	69.6	6.964	1.325	152.8	94	3.982	58.01	54.53	3.479	65.74	69.27	26.188		0	0	
"2014-10-06	08:00:00"	3.023	337.6	40.73	6.964	1.548	266.5	63.28	3.386	56.22	51.22	5.005	70.26	76.49	26.2	1.9158		0	
"2014-10-06	09:00:00"	3.61	30.73	40.1	6.368	2.141	55.46	46.83	4.578	59.68	57.41	2.269	64.07	67.27	26.218	97.996		0	
"2014-10-06	10:00:00"	2.556	58.74	21.02	4.578	1.84	42.74	29.62	3.982	69.37	70.04	-0.663	50.43	51.11	26.291	295.04		0	
"2014-10-06	11:00:00"	3.763	150.8	37.36	7.561	2.851	152.1	48.24	6.368	77.45	78.34	-0.883	39.6	41.12	26.355	492.67		0	
"2014-10-06	12:00:00"	6.771	190.3	18.32	10.54	4.891	194.1	22.88	8.75	79.79	80.7	-0.883	33.82	35.64	26.375	650.16		0	
"2014-10-06	13:00:00"	6.364	213.6	24.31	11.74	4.907	212.6	28.2	9.35	82.6	83.2	-0.591	28.87	30.75	26.384	753.68		0	
"2014-10-06	14:00:00"	7.711	239.7	22.71	13.52	5.941	237.6	26.23	12.33	84.9	85.9	-1.058	24.74	26.21	26.373	795.97		0	
"2014-10-06	15:00:00"	8.43	234.1	23.49	22.47	6.408	232.3	26.19	17.7	86.6	87.5	-0.862	20.89	22.28	26.353	776.87		0	
"2014-10-06	16:00:00"	9.01	235	23.02	18.3	6.814	232.9	24.82	15.31	87.7	88.6	-0.93	17.78	18.84	26.342	695.03		0	
"2014-10-06	17:00:00"	10.32	237.8	15.05	17.7	7.868	234.7	17.27	14.12	87.9	88.4	-0.532	13.62	14.24	26.334	564.8		0	
"2014-10-06	18:00:00"	10.41	231.4	12.86	17.1	7.562	229.8	15.83	13.52	87.6	88	-0.422	11.82	12.21	26.327	383.24		0	
"2014-10-06	19:00:00"	9.26	229.9	10.06	16.51	6.321	227.5	12.96	13.52	85.7	85.4	0.337	13.19	14.16	26.315	177.58		0	
"2014-10-06	20:00:00"	7.214	207.6	9.41	9.95	3.094	199.4	16.19	6.368	79.08	75.3	3.782	20.18	25.83	26.29	13.496		0	
"2014-10-06	21:00:00"	6.529	201.3	7.488	9.95	2.4	178.8	20.94	5.771	73.44	68.31	5.125	26.01	33.19	26.255	0		0	
"2014-10-06	22:00:00"	2.086	214.1	7.56	5.175	1.091	118	52.53	2.193	69.22	65.1	4.118	31.21	36.94	26.245	0		0	
"2014-10-06	23:00:00"	2.223	200.7	23.43	3.982	2.171	98.4	15.64	3.386	68.42	63.36	5.061	31.76	42.52	26.245	0		0	
"2014-10-07	00:00:00"	4.414	228.7	24.48	8.16	1.697	269.5	74.52	3.982	66.06	60.16	5.905	36.21	48.24	26.24	0		0	
"2014-10-07	01:00:00"	4.601	225.7	30.65	8.16	1.855	217.4	88.1	3.982	64.57	59.59	4.98	39.1	48.59	26.232	0		0	
"2014-10-07	02:00:00"	3.448	194.5	10.08	6.368	1.244	131.9	48.49	2.789	63.3	59.43	3.871	41.48	47.37	26.219	0		0	
"2014-10-07	03:00:00"	3.083	222.1	11.62	4.578	1.081	319.1	69.16	2.193	62.04	57.48	4.557	44.31	52.5	26.21	0		0	
"2014-10-07	04:00:00"	4.279	226.5	12.78	6.964	1.408	312.2	65.2	3.386	61.99	55.99	5.992	44.41	55.31	26.201	0		0	
"2014-10-07	05:00:00"	3.501	239.3	16.06	5.771	1.47	295.1	25.55	2.789	58.5	55.17	3.335	52.4	57.04	26.194	0		0	
"2014-10-07	06:00:00"	3.808	261.1	19.26	6.368	1.468	302.4	27.57	3.386	58.82	54.05	4.774	51.54	60.26	26.193	0		0	
"2014-10-07	07:00:00"	5.4	291.9	6.903	6.368	2.564	323	9.66	3.982	63.17	56.23	6.937	38.95	53.47	26.192	0		0	
"2014-10-07	08:00:00"	4.852	227.4	25.83	8.75	2.185	252.4	68.3	5.175	60.48	52.81	7.662	45.93	60.62	26.214	2.5933		0	
"2014-10-07	09:00:00"	3.253	228.5	15.51	5.771	1.31	280.7	64.66	3.982	59.99	56.56	3.433	48.31	57.68	26.221	96.741		0	
"2014-10-07	10:00:00"	4.278	240.9	9.2	6.368	3.406	243.1	13.54	6.368	66.27	66.35	-0.081	43.73	45.33	26.27	284.7		0	
"2014-10-07	11:00:00"	5.972	257.3	14.54	9.35	4.763	254.5	20.03	8.75	74.1	74.69	-0.593	31.54	33.17	26.338	490.84		0	
"2014-10-07	12:00:00"	6.313	224.1	20.29	11.14	4.904	224	21.54	9.95	80.6	81.1	-0.459	26.76	28.45	26.377	658.16		0	
"2014-10-07	13:00:00"	6.646	216	21.01	14.12	4.964	216.3	24.48	12.33	85.2	85.9	-0.658	21.22	23.03	26.388	754.83		0	
"2014-10-07	14:00:00"	8.05	229.2	25.65	14.72	6.202	226.4	26.75	11.14	87.7	88.4	-0.68	17.06	18.57	26.382	809.79		0	
"2014-10-07	15:00:00"	9.3	243.6	18.96	15.31	7.14	240	22.37	12.93	89.2	90.1	-0.917	14.69	15.76	26.373	778.83		0	
"2014-10-07	16:00:00"	8.38	248	24.26	14.12	6.549	246.5	28.28	12.33	90	90.7	-0.781	13.63	14.47	26.361	678.79		0	
"2014-10-07	17:00:00"	7.892	250.2	27.37	13.52	6.093	249.7	25.07	12.93	89.7	90.2	-0.524	13.78	14.38	26.349	472.09		0	
"2014-10-07	18:00:00"	7.025	225.4	29.46	13.52	5.019	225	29.83	11.74	89.7	90.2	-0.503	14.93	15.01	26.341	350.61		0	
"2014-10-07	19:00:00"	6.717	195.1	9.5	9.95	3.728	189.9	18.69	7.561	86.7	86.1	0.681	20.56	22.99	26.334	155.73		0	
"2014-10-07	20:00:00"	7.038	176.5	6.049	8.75	2.588	158	12.6	3.982	78.99	74.47	4.523	29.92	39.59	26.312	13.514		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-07	21:00:00"	7.7	166.9	6.182	9.35	2.771	139.4	10.62	3.982	76.18	69.68	6.496	27.34	38.59	26.282	0	0		
"2014-10-07	22:00:00"	8.34	154.6	7.017	11.14	3.004	134.7	16.93	5.175	73.63	67.08	6.553	28.26	39.13	26.276	0	0		
"2014-10-07	23:00:00"	5.418	129.7	9.19	8.16	2.468	91	18.18	3.982	70.14	66.35	3.784	31.41	36.66	26.279	0	0		
"2014-10-08	00:00:00"	5.319	139.3	13.42	8.16	2.129	118.5	40.16	3.982	67.67	64.53	3.134	36.19	40.87	26.277	0	0		
"2014-10-08	01:00:00"	6.555	170.3	22.74	11.74	2.754	174.8	36.79	5.771	66.6	63.62	2.98	44.89	47.77	26.281	0	0		
"2014-10-08	02:00:00"	5.67	159.9	14.29	11.74	2.213	155.9	39.64	6.368	65.5	63.09	2.417	64.79	64.67	26.272	0	0		
"2014-10-08	03:00:00"	4.161	177.7	18.1	7.561	1.373	210.3	53.88	3.386	63.04	60.1	2.947	76.8	75.88	26.261	0	0		
"2014-10-08	04:00:00"	3.542	183.5	16.4	6.368	1.149	129.8	85.7	2.789	62.83	59.44	3.383	80.6	79.54	26.252	0	0		
"2014-10-08	05:00:00"	3.04	191.4	27.07	5.175	1.118	290.5	91.3	2.193	62.06	59.17	2.883	84.8	82.7	26.243	0	0		
"2014-10-08	06:00:00"	3.025	218	11.69	4.578	1.045	328.6	48.09	2.193	61.02	57.91	3.113	88.3	85.4	26.244	0	0		
"2014-10-08	07:00:00"	2.347	187.4	25.88	3.386	1.303	37.98	42.49	2.789	60.27	57.48	2.789	89.2	86.8	26.245	0	0		
"2014-10-08	08:00:00"	2.971	264.3	27	5.175	1.444	313.4	9.75	2.789	60.01	57.14	2.864	91.2	87.3	26.255	1.095	0		
"2014-10-08	09:00:00"	4.093	271.1	14.12	5.175	1.873	278.6	22.76	4.578	61.73	59.5	2.226	87.1	85.9	26.269	94.381	0		
"2014-10-08	10:00:00"	5.426	208.8	15.57	8.75	3.935	211.9	18.53	7.561	66.72	67.03	-0.316	78.41	74.29	26.307	259.11	0		
"2014-10-08	11:00:00"	9.21	193.8	13.14	13.52	6.08	197.3	18.15	11.14	72.67	73.42	-0.746	63.56	61.34	26.345	451.1	0		
"2014-10-08	12:00:00"	9.06	198.9	14.25	14.72	6.355	201.9	18.8	11.14	77.71	78.66	-0.955	52.77	51.95	26.382	617.33	0		
"2014-10-08	13:00:00"	9.72	182.4	22.6	15.31	6.815	209.1	17.41	11.14	81.9	83.1	-1.152	40.2	41.34	26.398	741.74	0		
"2014-10-08	14:00:00"	10.8	177.4	17	15.91	7.282	197.1	21.84	12.93	85.5	86.7	-1.205	30.34	31.83	26.388	771.12	0		
"2014-10-08	15:00:00"	12.16	207.3	12.38	18.89	8.27	208.3	17.09	15.31	87.7	88.9	-1.166	25.03	26.46	26.369	744.41	0		
"2014-10-08	16:00:00"	12.57	205.3	12.68	20.68	8.55	206	17.89	17.1	89.2	90.2	-1.04	22.33	23.56	26.355	698.63	0		
"2014-10-08	17:00:00"	11.93	186.9	16.74	20.68	7.792	189.6	22.44	15.31	89.4	90.3	-0.936	21.68	22.94	26.346	560	0		
"2014-10-08	18:00:00"	11.42	171.1	13.2	18.3	7.038	183.5	19.63	14.12	88.6	89.3	-0.724	24.77	26.61	26.329	348.48	0		
"2014-10-08	19:00:00"	8.64	177.3	8.29	15.91	4.891	178.1	18.02	10.54	86.8	86.5	0.275	26.61	29.22	26.318	140.55	0		
"2014-10-08	20:00:00"	8.21	144.9	8.83	11.74	3.409	138.4	15.46	5.771	80.3	77.62	2.697	35.63	41.91	26.301	10.529	0		
"2014-10-08	21:00:00"	9.34	137.8	4.828	12.33	4.416	135.2	15.63	7.561	76.33	73.72	2.609	39.99	45.55	26.284	0	0		
"2014-10-08	22:00:00"	8.97	135.1	5.353	14.12	4.229	131.6	15.85	8.16	73.53	71.43	2.097	47.88	51.42	26.286	0	0		
"2014-10-08	23:00:00"	11.37	143.3	7.178	17.7	6.318	144	17.16	11.74	72.72	71.58	1.14	59.44	60.14	26.286	0	0		
"2014-10-09	00:00:00"	10.72	151	7.866	16.51	5.846	151.7	18.22	11.74	71.37	70.36	1.008	64.33	64.48	26.284	0	0		
"2014-10-09	01:00:00"	10.41	163.5	8.91	17.7	5.776	164.8	18.51	12.33	70.3	69.22	1.081	62.81	63.19	26.274	0	0		
"2014-10-09	02:00:00"	11.38	163.6	7.557	17.1	6.264	164.1	17.64	12.33	69.47	68.39	1.085	60.6	61.04	26.26	0	0		
"2014-10-09	03:00:00"	11.34	166.7	7.827	17.1	6.278	168.9	18.42	11.74	68.38	67.39	0.99	60.5	60.49	26.249	0	0		
"2014-10-09	04:00:00"	9.33	170.5	7.122	13.52	4.784	172.2	17.02	9.35	66.56	65.28	1.281	63.98	63.91	26.242	0	0		
"2014-10-09	05:00:00"	8.67	166	9.2	13.52	4.461	168.8	19.37	8.75	65.35	64	1.351	66.98	66.57	26.229	0	0		
"2014-10-09	06:00:00"	10.42	167.9	9.06	17.7	5.934	169.1	17.53	11.74	66.78	66.05	0.738	67.81	66.25	26.229	0	0		
"2014-10-09	07:00:00"	11.57	160.2	9.92	20.09	6.53	161.7	19.65	12.33	66.48	65.77	0.711	71.85	69.67	26.234	0	0		
"2014-10-09	08:00:00"	8.23	174.5	12.4	13.52	4.545	180.7	23.74	9.95	65.7	64.88	0.813	75.99	73.35	26.235	1.2215	0		
"2014-10-09	09:00:00"	6.159	193	9.8	10.54	3.425	197.7	19.49	8.75	65.33	64.74	0.586	78.38	75.15	26.236	78.672	0		
"2014-10-09	10:00:00"	12.07	192.5	9.65	18.89	7.587	195.2	16.77	13.52	69.05	69.34	-0.284	71.92	68.58	26.263	198.89	0		
"2014-10-09	11:00:00"	14.27	190.1	9.64	21.28	9.04	192.7	16.99	15.31	72.92	73.97	-1.053	63.57	60.68	26.294	462.72	0		
"2014-10-09	12:00:00"	14.27	201.9	11.45	21.28	9.41	203.8	16.55	15.91	76.38	77.62	-1.237	55.6	54.08	26.318	613.81	0		
"2014-10-09	13:00:00"	11.2	206.8	14.93	18.3	7.769	208.2	19.02	14.72	79.98	81.3	-1.285	47.44	47.43	26.328	711.26	0		
"2014-10-09	14:00:00"	9.56	215.9	20.62	17.7	6.951	215.3	27.15	13.52	83.1	84.2	-1.128	40.45	41.6	26.324	757.38	0		
"2014-10-09	15:00:00"	9.95	214.1	15.22	20.09	7.155	212.9	23.94	14.72	85.8	86.9	-1.096	33.84	35.26	26.303	738.76	0		
"2014-10-09	16:00:00"	12.9	221.8	14.76	21.28	9.19	221	17.73	17.1	87.4	88.3	-0.988	28.22	29.71	26.286	656.87	0		
"2014-10-09	17:00:00"	13.3	215.5	13.02	22.47	9.15	215.9	16.91	17.7	87.5	88.3	-0.798	28.87	30.18	26.278	520.01	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-09	18:00:00"	11.49	217.9	16.06	19.49	7.978	217.7	19.24	13.52	87.3	87.8	-0.566	29.41	30.47	26.269	324.11	0		
"2014-10-09	19:00:00"	9.72	233.7	12.04	15.91	6.889	231.3	14.83	13.52	86.3	86.2	0.118	29.52	31.14	26.261	153.1	0		
"2014-10-09	20:00:00"	4.586	228	10.82	6.964	1.923	185.6	45.51	5.175	81.5	78.66	2.813	35.79	42.19	26.251	10.392	0		
"2014-10-09	21:00:00"	2.703	217.7	10.2	8.16	2.01	81.2	35.61	5.771	77.12	73.55	3.569	41.75	49.7	26.238	0	0		
"2014-10-09	22:00:00"	4.393	223.1	22.55	10.54	2.492	120.3	71.05	5.175	75.31	70.29	5.017	45.72	56.67	26.238	0	0		
"2014-10-09	23:00:00"	9.9	187.6	13.69	15.31	5.134	183.9	18.07	10.54	75.07	73.17	1.899	56.05	58.28	26.249	0	0		
"2014-10-10	00:00:00"	9.69	168.7	8.3	13.52	4.893	169.5	17.22	8.75	71.46	70.27	1.195	67.5	66.9	26.251	0	0		
"2014-10-10	01:00:00"	8.91	157.3	9.23	13.52	4.512	156	17.74	9.35	69.65	68.57	1.074	73.77	71.94	26.237	0	0		
"2014-10-10	02:00:00"	4.834	158	10.97	9.35	1.967	161.5	48.06	5.175	67.42	65.87	1.544	80.1	77.87	26.228	0	0		
"2014-10-10	03:00:00"	4.354	172.5	9.84	8.16	1.87	186.7	76.98	5.771	66.62	64.48	2.14	82.8	81.2	26.223	0	0		
"2014-10-10	04:00:00"	3.903	182.5	6.352	7.561	1.781	140.7	71.56	5.175	66.31	63.36	2.945	84	83.4	26.221	0	0		
"2014-10-10	05:00:00"	3.408	185.3	5.217	5.771	1.4	300.1	76.76	2.789	65.73	62.71	3.02	86.3	84.9	26.213	0	0		
"2014-10-10	06:00:00"	1.409	188	0.258	3.386	1.161	90.3	50.08	2.789	64.91	62.39	2.519	89	86.2	26.211	0	0		
"2014-10-10	07:00:00"	3.236	188.3	0.77	5.771	1.139	320.4	74.51	2.789	63.96	60.05	3.905	90.7	86.8	26.217	0	0		
"2014-10-10	08:00:00"	5.394	191.5	1.885	12.33	2.36	312.6	23.29	9.95	63.05	60.03	3.019	91.4	87.5	26.224	1.2527	0		
"2014-10-10	09:00:00"	9.73	155.9	39.34	15.91	6.919	2.866	15.67	13.52	62.71	62.38	0.334	87.8	83.4	26.249	77.806	0		
"2014-10-10	10:00:00"	12.76	123.3	0.395	18.3	8.91	14.69	15.19	14.72	63.64	64.35	-0.714	81.4	75.87	26.276	259.2	0		
"2014-10-10	11:00:00"	12.32	123.1	0.359	17.7	9.1	8.36	16.31	14.72	66.81	67.97	-1.162	71.78	67.13	26.309	459.47	0		
"2014-10-10	12:00:00"	10.95	123.3	0.339	16.51	7.751	15.26	17.35	12.93	70.66	72.1	-1.443	63.12	59.91	26.336	612.44	0		
"2014-10-10	13:00:00"	10.84	123.2	0.33	17.7	7.953	12.35	19.12	13.52	73.7	75.29	-1.592	56.28	54.13	26.353	712.23	0		
"2014-10-10	14:00:00"	8.77	123.5	0.352	15.31	6.432	11.79	24.38	11.74	76.51	78.04	-1.531	50.02	49.28	26.362	742.52	0		
"2014-10-10	15:00:00"	9.13	123.3	0.465	16.51	6.503	16.42	23.58	14.12	77.97	79.79	-1.823	46.91	46.41	26.361	726.11	0		
"2014-10-10	16:00:00"	12.8	103.1	41.15	25.45	8.25	28.3	17.63	24.26	75.88	77.07	-1.193	51.33	50.01	26.364	394.56	0		
"2014-10-10	17:00:00"	16.16	34.12	12.77	25.45	9.75	30.67	15.9	18.3	73.93	75.05	-1.114	55.52	53.31	26.357	506.06	0		
"2014-10-10	18:00:00"	17.99	36.56	12.05	27.84	10.34	33.16	14.89	21.87	70.67	71.71	-1.045	59.33	56.15	26.351	322.4	0		
"2014-10-10	19:00:00"	18.09	34.29	10.35	26.65	10.25	31	13.2	21.87	67.87	68.36	-0.485	62.21	58.75	26.35	135.12	0		
"2014-10-10	20:00:00"	17.13	33.47	9.45	24.86	9.78	29.77	12.04	19.49	64.07	64.16	-0.091	67.69	63.29	26.352	7.7562	0		
"2014-10-10	21:00:00"	15.71	32.95	9.45	24.26	9.05	29.5	12.19	17.1	61.4	61.43	-0.026	71.8	66.55	26.356	0	0		
"2014-10-10	22:00:00"	17.15	31.77	10.31	27.24	9.98	29.43	12.5	23.66	58.94	58.96	-0.026	74.48	68.53	26.366	0	0		
"2014-10-10	23:00:00"	13.91	29.46	10.39	24.86	8.66	25.92	13.57	20.68	56.96	57	-0.04	76.49	69.96	26.388	0	0		
"2014-10-11	00:00:00"	12.38	30.23	10.4	20.09	7.57	26.99	12.93	19.49	55.12	55.17	-0.051	77.35	70.46	26.391	0	0		
"2014-10-11	01:00:00"	9.99	21.29	10	16.51	7.1	19.43	12.66	13.52	54.24	54.39	-0.155	77.71	70.48	26.397	0	0		
"2014-10-11	02:00:00"	11.02	16.39	12.02	17.1	7.804	14.01	15.94	13.52	54.01	54.25	-0.237	76.42	69.32	26.398	0	0		
"2014-10-11	03:00:00"	10.93	15.94	12.21	17.7	7.882	14.19	15.5	14.72	52.51	52.74	-0.232	76.41	69.01	26.399	0	0		
"2014-10-11	04:00:00"	12.24	10.4	12.41	17.7	8.89	8.31	16.23	15.31	51.49	51.86	-0.368	77.14	69.27	26.402	0	0		
"2014-10-11	05:00:00"	11.32	14.31	15.64	20.09	8.06	10.51	18.58	16.51	50.15	50.49	-0.337	78.11	69.92	26.398	0	0		
"2014-10-11	06:00:00"	10.88	16.48	14.72	17.7	7.822	12.73	16.99	15.31	49.9	50.2	-0.302	78.96	70.63	26.396	0	0		
"2014-10-11	07:00:00"	9.3	25.04	13.8	15.91	6.217	22.01	16.41	13.52	50.29	50.53	-0.24	78.89	70.81	26.408	0	0		
"2014-10-11	08:00:00"	9.31	21.73	13.99	15.31	6.264	19.36	17.07	12.33	50.56	50.81	-0.255	78.59	70.62	26.41	0.41396	0		
"2014-10-11	09:00:00"	9.11	18.66	13.17	15.31	6.382	16.2	16.07	11.14	50.59	50.89	-0.298	78.39	70.39	26.429	20.175	0		
"2014-10-11	10:00:00"	9.76	12.18	14.97	15.91	7.075	9.47	18.57	14.12	51.14	51.66	-0.525	77.35	69.37	26.446	81.236	0		
"2014-10-11	11:00:00"	9.87	27.38	16.28	17.7	6.251	23.58	19.81	14.12	53	53.95	-0.948	73.09	65.73	26.459	272.42	0		
"2014-10-11	12:00:00"	9.28	16.53	17.91	15.91	6.595	12.83	20.93	12.93	55.84	57.15	-1.307	67.22	60.86	26.472	412.05	0		
"2014-10-11	13:00:00"	7.264	23.5	23.23	13.52	5.271	19.34	28.36	12.33	59.07	60.47	-1.394	61.51	56.65	26.478	567.69	0		
"2014-10-11	14:00:00"	5.832	4.526	37.14	13.52	4.557	352.6	49.58	11.74	62.19	63.45	-1.26	55.18	51.83	26.472	728.17	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-11	15:00:00"	5.504	6.899	25.28	14.72	4.15	14.19	49.07	11.74	65.26	66.63	-1.363	49.55	47.43	26.457	743.83		0	
"2014-10-11	16:00:00"	4.501	18.78	33.66	9.95	3.471	29.91	71.42	9.35	67.98	68.7	-0.718	44.94	44.25	26.44	638.54		0	
"2014-10-11	17:00:00"	3.82	354.7	36.64	8.75	3.015	87.7	90.5	7.561	69.65	70.32	-0.671	42.75	42.13	26.424	488.82		0	
"2014-10-11	18:00:00"	3.601	338.1	40.03	8.16	2.971	26.99	93.4	6.964	69.89	70.87	-0.977	42.13	41.42	26.409	347.5		0	
"2014-10-11	19:00:00"	4.9	194.6	65.81	9.35	3.133	158.8	32.38	6.964	68.32	68.71	-0.389	45.53	44.19	26.395	144.92		0	
"2014-10-11	20:00:00"	5.895	139.4	10.08	8.16	2.336	127.3	20.73	3.982	63.16	60.88	2.281	55.75	57.71	26.366	7.7617		0	
"2014-10-11	21:00:00"	5.975	122.6	3.415	7.561	2.592	102.5	13.54	3.982	59.7	56.69	3.019	63.52	64.88	26.338	0		0	
"2014-10-11	22:00:00"	6.31	120.3	4.604	8.16	2.925	103.3	16.3	5.175	57.09	54.76	2.33	68.25	67.58	26.326	0		0	
"2014-10-11	23:00:00"	6.828	130.8	7.175	8.75	2.902	123.5	15.72	5.175	55.66	53.62	2.035	70.07	68.98	26.32	0		0	
"2014-10-12	00:00:00"	6.727	138.9	4.785	9.35	2.651	130	13.34	5.175	53.38	51.17	2.21	74.94	72.63	26.306	0		0	
"2014-10-12	01:00:00"	7.221	139.6	6.775	9.35	3.09	134.7	15.81	5.175	52.2	50.35	1.857	78.48	75.22	26.281	0		0	
"2014-10-12	02:00:00"	6.527	151.6	5.92	9.35	2.665	149.8	17.27	5.175	50.76	49.24	1.512	81.6	76.94	26.257	0		0	
"2014-10-12	03:00:00"	4.864	162.2	1.789	7.561	1.819	197.1	30.97	3.386	49.27	47.55	1.724	84	79.1	26.234	0		0	
"2014-10-12	04:00:00"	3.992	163.9	0.392	6.368	1.711	240.5	31.38	3.982	49.6	47.58	2.014	83.6	79.22	26.217	0		0	
"2014-10-12	05:00:00"	5.106	193.5	28.31	7.561	2.129	220	14.57	3.982	49.34	47.37	1.968	83.9	79.7	26.195	0		0	
"2014-10-12	06:00:00"	4.95	222.5	7	6.368	2.048	226	17.37	3.386	49.05	47.39	1.659	84.5	79.64	26.177	0		0	
"2014-10-12	07:00:00"	3.97	226.9	5.117	5.771	1.177	256.6	10.96	2.789	49.06	46.74	2.311	84.3	80.5	26.161	0		0	
"2014-10-12	08:00:00"	4.472	242.3	12.47	6.368	2.173	271.6	23.53	3.982	48.81	46.81	1.996	84.6	80.4	26.152	1.1305		0	
"2014-10-12	09:00:00"	4.748	235.4	17.94	9.95	2.817	242.4	26.04	6.964	50.8	50.28	0.526	81.2	75.86	26.153	84.5		0	
"2014-10-12	10:00:00"	7.725	217.1	10.51	12.33	5.431	216.2	14.75	9.95	56.84	57.49	-0.644	74.34	67.58	26.18	275.28		0	
"2014-10-12	11:00:00"	9.16	225.1	10.5	12.93	6.842	223.5	15.44	11.74	62.65	63.48	-0.823	62.67	58.03	26.222	468.54		0	
"2014-10-12	12:00:00"	11.74	229.1	11.15	17.7	8.48	226.2	14.69	15.31	70.18	71.06	-0.883	48.65	47.22	26.232	624.09		0	
"2014-10-12	13:00:00"	13.98	215.4	14.57	21.28	9.72	214.8	17.75	17.1	75.9	77.01	-1.108	39.51	39.86	26.227	721.11		0	
"2014-10-12	14:00:00"	17.18	234	16.4	27.84	12.69	232.8	18.85	23.66	80.2	81.1	-0.928	31.3	32.52	26.205	754.28		0	
"2014-10-12	15:00:00"	22.22	247.5	13.67	35	17.11	246.9	16.69	27.84	82.2	83	-0.777	24.73	25.38	26.157	716.25		0	
"2014-10-12	16:00:00"	22.87	241.4	10.69	37.38	17.77	240.3	13.68	30.22	83	83.5	-0.498	22.08	22.4	26.117	618.17		0	
"2014-10-12	17:00:00"	24.21	244.5	12.95	39.77	18.53	243.3	15.85	33.8	82.9	83.4	-0.484	22.78	23.14	26.097	515.31		0	
"2014-10-12	18:00:00"	22.68	243	10.17	35.59	17.61	241.5	12.61	28.43	82.4	82.7	-0.229	24.26	24.81	26.081	316.05		0	
"2014-10-12	19:00:00"	20.23	247.6	9.3	32.61	15.94	245.8	12.81	29.03	81.4	81.2	0.217	23.66	24.57	26.071	133.25		0	
"2014-10-12	20:00:00"	14.5	240.6	10.77	23.07	10.87	238.8	13.37	18.89	78.06	77.37	0.691	26.05	27.36	26.064	6.2438		0	
"2014-10-12	21:00:00"	8.8	230.2	7.855	14.12	5.151	229.6	13.2	9.35	73.23	71.75	1.477	31.44	33.87	26.057	0		0	
"2014-10-12	22:00:00"	12	256.5	26.05	27.84	8.79	254.7	28.63	23.07	72.97	71.91	1.057	30.19	31.93	26.065	0		0	
"2014-10-12	23:00:00"	17.89	339	17.61	36.19	13.84	339.2	18.19	27.24	71.27	71.01	0.26	34.83	35.34	26.11	0		0	
"2014-10-13	00:00:00"	14.49	16.58	16.67	34.4	10.15	14.89	19.52	29.63	59.7	59.8	-0.104	71.59	67.95	26.136	0		0.01	
"2014-10-13	01:00:00"	12.37	357.5	13.15	21.28	8.82	354.2	16.03	19.49	58	57.57	0.425	78.35	75.69	26.113	0		0	
"2014-10-13	02:00:00"	19.02	356	13.91	31.42	14.04	353	15.65	26.65	56.68	56.47	0.209	75.23	71.42	26.153	0		0	
"2014-10-13	03:00:00"	19.4	357	14.68	32.61	14.1	353.9	16.6	27.84	53.21	53.05	0.166	71.68	67.27	26.188	0		0	
"2014-10-13	04:00:00"	21.74	351.8	14.59	35	16.11	349.7	17.86	30.82	51.9	51.68	0.219	69.66	65.1	26.195	0		0	
"2014-10-13	05:00:00"	18.48	348.9	14.38	31.42	13.71	347.8	16.67	24.86	51.97	51.68	0.29	68.31	63.93	26.213	0		0	
"2014-10-13	06:00:00"	11.8	328.3	10.67	18.3	9.1	330.4	12.06	15.31	50.61	50.26	0.344	71.66	66.77	26.237	0		0	
"2014-10-13	07:00:00"	11.26	314.4	7.383	16.51	8.23	318.5	8.89	12.93	49.04	48.7	0.339	75.34	69.77	26.264	0		0	
"2014-10-13	08:00:00"	11.49	331.2	8.18	17.7	8.74	332.9	10.62	14.72	49.39	48.89	0.5	71.01	66.48	26.298	1.0051		0	
"2014-10-13	09:00:00"	10.69	326.3	18.34	20.68	8.17	328.2	18.95	17.1	50.71	50.46	0.246	66.77	62.81	26.321	88.176		0	
"2014-10-13	10:00:00"	14.74	329.9	22.04	27.84	11.34	332.6	21.22	24.26	53.59	54.01	-0.414	57.88	54.62	26.368	282.98		0	
"2014-10-13	11:00:00"	23.09	0.449	13.63	33.8	17.09	359.9	18.14	28.43	57.01	57.72	-0.705	43.57	41.95	26.406	478.73		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-13	12:00:00"	24.1	5.397	15.11	36.78	16.39	6.685	19.57	30.22	59.95	61.21	-1.258	35.12	33.77	26.432	632.8	0		
"2014-10-13	13:00:00"	22.34	0.258	15.61	35	15.46	1.017	20.28	27.84	62.43	63.97	-1.533	31.55	30.1	26.454	731.61	0		
"2014-10-13	14:00:00"	20.51	358.8	16.59	32.61	15.2	358.6	19.76	26.05	64.52	65.97	-1.453	28	26.68	26.449	772.1	0		
"2014-10-13	15:00:00"	19.69	2.958	17.25	30.82	14.54	3	18.82	28.43	65.89	67.31	-1.424	25.53	24.23	26.43	751.38	0		
"2014-10-13	16:00:00"	19.09	354.7	19	32.01	14.7	353.7	20.27	24.26	67.09	68.3	-1.208	23.48	22.22	26.418	666.66	0		
"2014-10-13	17:00:00"	15.46	357.7	15.54	27.24	11.73	356.1	17.67	20.68	67.93	69.1	-1.177	22.85	21.68	26.421	525.72	0		
"2014-10-13	18:00:00"	13.82	6.758	16.85	22.47	10.22	5.836	18.91	18.3	68.09	69.19	-1.093	22.88	21.69	26.421	344.95	0		
"2014-10-13	19:00:00"	10.84	11.9	13.3	17.7	7.858	11.31	16.42	14.72	67.62	68.03	-0.408	24	23.18	26.417	146.2	0		
"2014-10-13	20:00:00"	6.281	22.99	10.96	9.95	3.845	21.42	15.38	8.16	64.05	63.35	0.702	28.41	28.52	26.414	7.512	0		
"2014-10-13	21:00:00"	4.261	36.41	17.23	6.964	2.218	50.53	25.24	5.771	59.75	56.02	3.732	33.99	40.44	26.405	0	0		
"2014-10-13	22:00:00"	3.405	91.1	43.41	6.368	2.065	120	51.33	3.982	56.06	50.94	5.113	41.1	49.72	26.393	0	0		
"2014-10-13	23:00:00"	6.366	76.39	9.88	9.35	3.043	67.21	17.43	5.175	54.83	50.58	4.249	42.51	49.32	26.386	0	0		
"2014-10-14	00:00:00"	6.003	71.6	5.375	8.75	2.668	70.9	15.68	5.175	53.14	49.85	3.291	46.36	50.06	26.403	0	0		
"2014-10-14	01:00:00"	5.282	65.66	5.511	8.16	2.322	68.1	12.49	3.982	52.84	48.9	3.939	46.27	50.87	26.4	0	0		
"2014-10-14	02:00:00"	4.394	51.08	4.639	6.368	1.917	50.68	11.21	3.386	52.93	49.08	3.857	46.68	51.53	26.4	0	0		
"2014-10-14	03:00:00"	3.144	1.837	42.95	4.578	1.613	323.2	58.12	2.789	50.3	44.28	6.019	51.87	62.06	26.4	0	0		
"2014-10-14	04:00:00"	3.144	3.618	18.62	6.368	1.767	319.9	69.82	3.982	48.5	45.19	3.313	56.69	59.52	26.392	0	0		
"2014-10-14	05:00:00"	2.203	329.3	23.64	3.982	1.429	100.8	73.64	3.386	47.12	40.9	6.218	59.53	68.08	26.379	0	0		
"2014-10-14	06:00:00"	2.567	14.01	6.061	5.771	1.621	68.67	94.3	3.982	47.96	43.15	4.81	57.11	63.33	26.376	0	0		
"2014-10-14	07:00:00"	1.042	6.502	7.554	2.789	1.007	211.2	40.78	1.596	44.12	39.47	4.652	67.09	69.95	26.389	0	0		
"2014-10-14	08:00:00"	1.007	1.746	0.363	2.193	1.102	70.16	71.13	2.193	44.54	39.11	5.426	66.56	72.31	26.393	1.0743	0		
"2014-10-14	09:00:00"	1.903	287.2	14.72	3.982	1.018	256.2	63.84	1.596	47.06	43.57	3.489	63.77	67.33	26.405	88.36	0		
"2014-10-14	10:00:00"	2.927	270.5	10.79	6.964	2.194	247.9	57.19	6.368	57.47	57.78	-0.315	44.19	44.54	26.46	282.76	0		
"2014-10-14	11:00:00"	5.874	229.3	24.77	9.95	4.332	212	19.1	8.75	61.29	62.01	-0.717	35.65	35.13	26.526	477.01	0		
"2014-10-14	12:00:00"	7.571	194.1	22.43	12.93	5.243	198.8	27.33	9.95	65.4	66.5	-1.1	28.44	28.03	26.563	630.8	0		
"2014-10-14	13:00:00"	8.74	205.7	17.06	15.31	6.258	208.2	21.89	13.52	67.41	68.56	-1.154	26.19	25.71	26.57	730.97	0		
"2014-10-14	14:00:00"	9.33	210.2	21.02	19.49	6.697	211.8	25.66	17.1	69.29	70.52	-1.233	25.23	24.85	26.553	773.19	0		
"2014-10-14	15:00:00"	9.65	212.5	17.92	17.1	6.995	212.6	22.75	12.93	70.53	71.81	-1.276	24.01	23.68	26.525	751.45	0		
"2014-10-14	16:00:00"	9.68	211.5	21.55	17.1	6.931	213	24.06	13.52	71.88	73	-1.122	22.6	22.37	26.502	667.99	0		
"2014-10-14	17:00:00"	7.866	222.5	21.8	14.12	5.839	223.9	24.54	11.74	72.93	73.84	-0.917	21.16	20.87	26.488	528.51	0		
"2014-10-14	18:00:00"	6.799	211.8	18.95	12.93	4.893	213.7	23.41	9.95	73.62	74.57	-0.953	20.94	20.83	26.483	344.43	0		
"2014-10-14	19:00:00"	6.403	197.7	19.53	10.54	3.831	197.1	25.36	8.16	72.46	72.37	0.092	22.56	24.1	26.474	140.91	0		
"2014-10-14	20:00:00"	5.746	164.5	5.98	6.964	2.121	135.4	16.79	2.789	66.79	62.86	3.934	30.16	37.32	26.446	6.5612	0		
"2014-10-14	21:00:00"	5.998	152.7	6.372	7.561	2.326	104.4	11.83	3.386	62.79	57.21	5.584	33.08	43.87	26.409	0	0		
"2014-10-14	22:00:00"	3.948	156.1	4.523	6.368	1.477	81.5	64.74	2.789	60.19	55.05	5.137	35.36	45.6	26.395	0	0		
"2014-10-14	23:00:00"	4.692	143.3	8.49	6.964	1.843	85.5	14.9	2.789	58.77	54.43	4.335	36.87	43.88	26.39	0	0		
"2014-10-15	00:00:00"	5.588	134	5.016	7.561	2.122	81.8	15.99	3.982	59.25	52.19	7.062	36.02	46.69	26.386	0	0		
"2014-10-15	01:00:00"	1.212	141.5	0.134	2.789	1.007	32.97	13	1.596	55.53	51.75	3.779	40.12	49.6	26.376	0	0		
"2014-10-15	02:00:00"	1.283	141.5	0.46	2.193	1.569	53.22	15.86	2.789	55.77	51.62	4.155	39.21	51.52	26.366	0	0		
"2014-10-15	03:00:00"	1.784	136.4	8.1	4.578	1.786	54.57	22.38	4.578	55.64	50.2	5.443	37.93	53.96	26.366	0	0		
"2014-10-15	04:00:00"	3.268	140.6	3.218	4.578	2.163	78.46	14.15	3.386	56.22	51.82	4.395	37.18	45.38	26.362	0	0		
"2014-10-15	05:00:00"	1.956	143.2	0.129	3.982	1.365	33.08	46.81	3.386	53.96	49.81	4.148	40.87	48.67	26.351	0	0		
"2014-10-15	06:00:00"	1.335	143	0.114	2.789	1.315	28.31	23.05	2.789	52.83	48.04	4.787	43.03	56.79	26.34	0	0		
"2014-10-15	07:00:00"	2.385	143.1	0.462	3.982	1.096	339.8	13.92	2.193	52.39	46.65	5.734	44.49	57.45	26.342	0	0		
"2014-10-15	08:00:00"	3.151	143.3	0.415	3.982	1.255	346.7	87.6	2.789	52.93	46.45	6.482	45.37	55.89	26.351	0.97079	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-15	09:00:00"	2.994	142.4	1.437	4.578	1.207	355.7	18.31	2.789	54.5	50.27	4.229	45.8	56.87	26.356	85.791		0	
"2014-10-15	10:00:00"	2.611	166.3	32.14	6.964	1.99	249.2	79.85	5.175	61.31	62.12	-0.817	39.58	40.04	26.403	281.03		0	
"2014-10-15	11:00:00"	3.95	180.5	13.96	6.368	2.885	181.1	33.42	5.771	67.61	68.33	-0.719	32.36	32.39	26.461	476.39		0	
"2014-10-15	12:00:00"	6.509	196.7	18.84	11.14	4.667	203.4	25.28	9.35	72.76	73.61	-0.854	26.55	26.97	26.5	630.44		0	
"2014-10-15	13:00:00"	8	203.6	18.21	12.93	5.746	207.7	22.37	11.14	75.86	76.78	-0.922	21.62	22.19	26.505	731.66		0	
"2014-10-15	14:00:00"	7.894	201.1	19.31	12.93	5.709	204	24.35	10.54	78.41	79.3	-0.884	18.69	18.99	26.495	773.25		0	
"2014-10-15	15:00:00"	9.16	198.2	25.12	15.91	6.24	201.6	29.07	11.74	79.55	80.9	-1.346	17.65	17.74	26.472	750.59		0	
"2014-10-15	16:00:00"	9.58	200.8	21.36	15.31	6.589	203.3	24.83	12.33	80.4	81.5	-1.175	17.21	17.32	26.449	666.72		0	
"2014-10-15	17:00:00"	9.11	204.7	18.02	15.91	6.403	207.1	21.95	12.93	80.7	81.5	-0.845	16.75	16.76	26.432	526.29		0	
"2014-10-15	18:00:00"	9.16	192.1	14.83	15.91	6.076	195.3	19.54	10.54	80.3	81.1	-0.796	17.14	17.39	26.418	341.92		0	
"2014-10-15	19:00:00"	7.994	187.8	7.062	13.52	4.428	188.1	16.13	9.35	78.39	77.99	0.399	19.33	21.01	26.406	139.31		0	
"2014-10-15	20:00:00"	6.709	163.1	7.126	7.561	2.484	132.7	18.32	3.386	71.2	66.41	4.793	26.49	34.41	26.378	6.0324		0	
"2014-10-15	21:00:00"	7.363	157.1	5.293	9.35	2.549	119.8	10.26	3.982	67.67	60.96	6.719	27.79	37.84	26.336	0		0	
"2014-10-15	22:00:00"	7.214	147	4.157	8.75	2.598	108.9	11.77	3.982	64.46	58.4	6.059	30.73	40.59	26.32	0		0	
"2014-10-15	23:00:00"	7.633	143.8	2.676	9.35	2.768	119.6	9.92	3.982	61.96	56.65	5.316	34.53	42.51	26.307	0		0	
"2014-10-16	00:00:00"	4.562	151.7	8.33	7.561	1.693	108.5	60.77	3.386	59.93	55.53	4.403	36.82	43.27	26.294	0		0	
"2014-10-16	01:00:00"	3.353	179.5	14.24	7.561	1.146	159.6	74.78	2.789	59.95	55.72	4.229	35.53	40.99	26.278	0		0	
"2014-10-16	02:00:00"	4.364	194	7.439	6.368	1.329	193.4	47.17	3.386	58.68	54.51	4.173	37.48	41.82	26.264	0		0	
"2014-10-16	03:00:00"	4.793	199.5	5.597	6.368	1.419	214	26.68	2.789	57.96	53.26	4.694	40.96	46.22	26.249	0		0	
"2014-10-16	04:00:00"	4.146	191	4.418	6.368	1.492	115.9	18.99	2.789	56.41	52.29	4.127	45.18	48.76	26.235	0		0	
"2014-10-16	05:00:00"	3.154	204.8	5.056	4.578	1.085	94.8	69.22	2.193	54.29	50.38	3.912	50.04	53.27	26.217	0		0	
"2014-10-16	06:00:00"	3.282	213.3	1.47	4.578	1.192	299.6	39.42	2.193	54.39	49.47	4.923	50.03	55.26	26.203	0		0	
"2014-10-16	07:00:00"	4.803	222.2	5.098	6.368	1.751	265.4	24.1	2.789	54.17	48.35	5.818	51.37	57.97	26.202	0		0	
"2014-10-16	08:00:00"	4.874	260.8	15.89	6.368	2.114	299.9	12.48	3.982	52.61	46.67	5.945	55.4	62.08	26.206	0.89267		0	
"2014-10-16	09:00:00"	4.457	273.2	8.95	6.368	1.985	296.3	18.46	4.578	53.23	49.82	3.409	55.76	59.84	26.21	85.781		0	
"2014-10-16	10:00:00"	5.449	258	14.79	7.561	4.281	257.2	19.42	6.964	59.31	59.81	-0.507	46.53	45.15	26.257	282.24		0	
"2014-10-16	11:00:00"	5.507	245.2	12.07	8.16	4.343	243.8	17.56	7.561	67.47	68.08	-0.607	35.86	36.02	26.309	476.95		0	
"2014-10-16	12:00:00"	6.673	243.8	13.64	9.95	5.276	243.2	19.04	9.35	73.94	74.56	-0.618	31.42	32.14	26.349	629.41		0	
"2014-10-16	13:00:00"	9.78	277.1	20.67	17.1	7.638	276.9	25.96	15.91	82.1	82.9	-0.801	20.7	21.56	26.374	723.28		0	
"2014-10-16	14:00:00"	10.89	298.5	14.98	16.51	8.63	300.5	19.55	14.72	85.5	86.2	-0.756	15.72	16.14	26.379	768.41		0	
"2014-10-16	15:00:00"	10.15	306.1	18.25	18.89	8.15	307.3	21.89	16.51	87.8	88.7	-0.886	13.45	13.7	26.366	743.39		0	
"2014-10-16	16:00:00"	8.15	304	27.56	13.52	6.497	304.4	33.85	12.93	89.3	90.2	-0.859	12.77	12.92	26.349	659.43		0	
"2014-10-16	17:00:00"	5.868	302.8	34.92	13.52	4.534	303.5	46.89	11.74	90.3	91	-0.72	11.71	11.74	26.345	519.56		0	
"2014-10-16	18:00:00"	7.823	308.7	18.59	14.12	6.073	311.3	23.2	11.74	89	89.6	-0.621	11.3	11.07	26.335	337.56		0	
"2014-10-16	19:00:00"	5.186	287.1	10.29	10.54	3.255	284.3	16.31	8.75	87.5	87.2	0.25	12.93	14.9	26.323	135.71		0	
"2014-10-16	20:00:00"	1.733	289	9.07	3.386	1.86	107.5	38.49	2.789	80.3	76.33	4.005	19.48	26.78	26.306	5.2644		0	
"2014-10-16	21:00:00"	1.931	278.6	3.395	3.982	1.955	81.4	15.55	2.789	75.07	69.12	5.952	23.52	33.66	26.28	0		0	
"2014-10-16	22:00:00"	3.384	235	26.33	5.175	1.187	82.6	38.34	2.193	71.44	64.91	6.53	29.39	38.53	26.253	0		0	
"2014-10-16	23:00:00"	3.309	280	41.19	5.175	1.385	14.05	46.26	2.789	70.02	63.62	6.404	30.26	40.37	26.238	0		0	
"2014-10-17	00:00:00"	3.099	318.6	10.08	5.175	1.13	111.5	65.83	2.193	69.26	60.45	8.8	29.7	47.09	26.232	0		0	
"2014-10-17	01:00:00"	3.598	318.8	7.469	5.175	1.28	124.5	62	2.789	67.01	58.38	8.63	33.64	49.06	26.218	0		0	
"2014-10-17	02:00:00"	4.709	329.8	40.89	14.72	1.447	250.5	102.3	8.75	65.99	57.67	8.32	35.04	49.19	26.21	0		0	
"2014-10-17	03:00:00"	3.693	130.2	24.79	6.964	2.384	74.28	37.3	4.578	62.96	57.26	5.696	39.63	50.12	26.217	0		0	
"2014-10-17	04:00:00"	3.275	106.8	32.9	5.175	2.503	67.41	45.3	3.982	62.31	55.39	6.922	39.67	55.09	26.203	0		0	
"2014-10-17	05:00:00"	6.512	51.64	36.78	15.91	3.808	42.19	20.68	14.12	62.53	58.25	4.281	40.33	47.18	26.203	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-17	06:00:00"	11.56	25.2	7.741	17.1	6.867	26.81	12.33	14.72	60.25	59.1	1.147	43.61	43.77	26.219	0	0		
"2014-10-17	07:00:00"	12.24	30.91	8.27	17.1	6.675	29.52	11.45	12.93	57.19	56.7	0.485	50.48	48.23	26.233	0	0		
"2014-10-17	08:00:00"	12.2	39.81	8.53	17.7	6.156	36.25	11.75	11.14	55.82	55.34	0.478	54.99	52.02	26.24	0.75628	0		
"2014-10-17	09:00:00"	12.51	40.65	8.78	18.3	6.462	36.2	12.5	11.74	56.17	56.02	0.153	56.73	53.45	26.26	76.36	0		
"2014-10-17	10:00:00"	12.59	59.32	10.32	18.89	7.383	55.16	18.08	14.72	62.01	62.73	-0.716	50.64	48.4	26.301	246.23	0		
"2014-10-17	11:00:00"	12.29	69.36	9.89	18.89	7.739	65.98	19.37	14.12	67.6	68.96	-1.358	44.78	43.63	26.346	447.84	0		
"2014-10-17	12:00:00"	10.01	65.79	12.77	14.12	6.393	61.53	20.81	11.14	72.59	74.32	-1.736	38.73	39.01	26.376	598.28	0		
"2014-10-17	13:00:00"	8.51	70.41	20.45	13.52	5.561	67.9	29.07	10.54	77.32	79.16	-1.837	34.26	35.1	26.394	690.28	0		
"2014-10-17	14:00:00"	5.576	105.6	25.59	11.14	4.068	102.6	44.34	8.75	82.2	83.4	-1.233	29.72	30.97	26.396	726.49	0		
"2014-10-17	15:00:00"	5.178	94.6	33.64	13.52	3.811	92.8	46.24	8.16	85.1	86.3	-1.122	26.97	28.37	26.386	707.25	0		
"2014-10-17	16:00:00"	5.798	97.6	26.77	12.93	4.206	91.8	42.29	9.95	86.3	87.4	-1.126	25.78	26.73	26.374	624.31	0		
"2014-10-17	17:00:00"	10.33	97	16.38	16.51	7.027	97.2	25.02	13.52	84.7	86	-1.352	28.07	28.72	26.363	483.09	0		
"2014-10-17	18:00:00"	12.21	91.2	11.34	20.68	8	91.1	20.26	14.12	82.7	83.8	-1.073	30.8	31.49	26.356	305.07	0		
"2014-10-17	19:00:00"	12.03	90.9	9.15	18.89	7.702	90.9	18.66	15.31	79.43	79.53	-0.101	34.48	35.93	26.356	111.91	0		
"2014-10-17	20:00:00"	9.73	86.1	8.3	14.72	5.442	87.2	18.49	9.95	73.3	72.29	1.008	43.44	45.17	26.351	3.6326	0		
"2014-10-17	21:00:00"	11.98	75.93	7.779	19.49	6.606	73.01	18.77	12.33	68.88	68.03	0.846	50.71	50.77	26.34	0	0		
"2014-10-17	22:00:00"	12.95	74.92	7.822	18.89	7.175	70.7	18.82	12.93	66.94	66.18	0.76	52.2	51.73	26.343	0	0		
"2014-10-17	23:00:00"	15.64	74.26	8.21	23.07	8.86	72.08	18.8	16.51	65.41	64.78	0.629	51.53	50.64	26.347	0	0		
"2014-10-18	00:00:00"	14.7	75	8.14	21.87	8.49	73.55	19.25	16.51	63.54	62.98	0.564	52.11	50.76	26.347	0	0		
"2014-10-18	01:00:00"	12.2	70.53	8.22	17.1	7.111	68.02	17.94	13.52	61.48	60.95	0.527	53.93	52.04	26.352	0	0		
"2014-10-18	02:00:00"	10.88	59.09	10.19	15.91	6.418	57.3	17.32	12.33	59.3	58.96	0.337	56.81	53.98	26.347	0	0		
"2014-10-18	03:00:00"	14.11	68.48	9.93	20.68	8.43	66.89	18.59	15.91	57.79	57.42	0.373	56.09	53.2	26.322	0	0		
"2014-10-18	04:00:00"	15.2	45.28	9.04	21.87	7.955	40.85	13.88	14.72	56.61	56.33	0.279	55.58	52.3	26.323	0	0		
"2014-10-18	05:00:00"	15.7	47.59	8.86	22.47	8.16	43.57	14.73	15.31	55.62	55.37	0.258	57.25	53.57	26.321	0	0		
"2014-10-18	06:00:00"	14.77	56.77	9.49	21.87	8.66	53.98	16.31	16.51	55.48	55.22	0.259	59.8	55.75	26.328	0	0		
"2014-10-18	07:00:00"	14.74	54.93	9.77	21.87	8.51	51.69	16.7	17.1	55.95	55.84	0.113	63.1	58.59	26.35	0	0		
"2014-10-18	08:00:00"	14.88	42.38	9.7	21.87	7.789	37.82	13.26	15.31	55.89	55.77	0.122	64.39	59.75	26.38	0.36457	0		
"2014-10-18	09:00:00"	15.65	35.33	11.44	24.26	8.77	32.68	14.09	17.7	55.86	55.91	-0.045	63.26	58.59	26.401	29.538	0		
"2014-10-18	10:00:00"	15.18	45.45	8.69	21.87	7.945	40.36	13.87	14.72	54.68	54.47	0.21	69.59	65.91	26.42	30.257	0		
"2014-10-18	11:00:00"	14.95	51.79	10.76	23.07	8.07	47.46	17.29	15.31	54.18	54.14	0.042	75.84	71.62	26.414	113.27	0.01		
"2014-10-18	12:00:00"	18.47	75.75	9.68	29.63	10.96	71.7	18.89	22.47	57.12	57.7	-0.578	67.77	63.71	26.422	280.85	0		
"2014-10-18	13:00:00"	17.22	84.5	9.75	25.45	10.42	80.9	19.43	19.49	61.28	62.3	-1.014	59.24	55.78	26.44	381.22	0		
"2014-10-18	14:00:00"	14.76	88.1	11.73	23.66	9.55	85.2	21.28	16.51	65.36	67.16	-1.8	53.57	50.41	26.451	593.1	0		
"2014-10-18	15:00:00"	12.19	90.8	13.76	20.68	7.967	88.4	23.11	14.72	67.03	68.49	-1.462	52.61	50.01	26.45	396.57	0		
"2014-10-18	16:00:00"	11.62	87	12.51	20.09	7.526	83.5	22.41	14.12	67.86	68.9	-1.043	53.46	52.23	26.437	373.78	0		
"2014-10-18	17:00:00"	11.84	88.7	14.49	18.89	7.759	85	23.19	14.72	70.05	71.5	-1.446	49.94	48.41	26.434	424.65	0		
"2014-10-18	18:00:00"	13.07	85.7	12.43	21.28	8.19	82.3	21.31	17.7	70.15	71.22	-1.067	48.65	47.54	26.434	244.2	0		
"2014-10-18	19:00:00"	13.25	68	10.03	19.49	8	62.51	17.95	14.12	67.23	67.31	-0.075	52.64	51.36	26.424	44.433	0		
"2014-10-18	20:00:00"	11.1	69.2	7.729	17.1	6.796	63.42	17.23	12.33	64.46	64.24	0.223	57.3	55.3	26.416	1.5867	0		
"2014-10-18	21:00:00"	10.27	66.25	7.674	14.12	6.255	62.02	16.82	12.33	62.54	62.21	0.329	61.36	58.77	26.419	0	0		
"2014-10-18	22:00:00"	12.03	64.04	8.16	18.3	7.239	59.22	16.02	12.93	61	60.61	0.394	64.04	60.99	26.413	0	0		
"2014-10-18	23:00:00"	11.53	61.76	7.984	16.51	7.398	57.77	15.34	13.52	59.47	59.19	0.273	67.08	63.21	26.408	0	0		
"2014-10-19	00:00:00"	11.1	63	8.6	15.91	6.793	58.71	16.28	11.74	57.69	57.51	0.188	72.12	67.3	26.407	0	0		
"2014-10-19	01:00:00"	10.15	60.93	9.11	15.31	5.914	55.24	16.25	11.14	57.14	56.92	0.215	72.85	67.95	26.4	0	0		
"2014-10-19	02:00:00"	10.79	47.34	8.59	15.91	5.655	40.5	13.6	9.95	56.4	56.24	0.158	74.16	68.88	26.388	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-19	03:00:00"	10.01	53.76	9.57	14.72	5.275	47.27	16.16	9.35	55.8	55.53	0.266	75.05	69.79	26.38		0		0
"2014-10-19	04:00:00"	8.59	52.9	9.67	12.33	4.604	47.46	16.45	8.75	55.02	54.66	0.358	76.4	71.03	26.371		0		0
"2014-10-19	05:00:00"	8.34	58.09	9.1	12.33	4.79	55.65	16.29	8.16	53.99	53.54	0.45	78.34	72.78	26.354		0		0
"2014-10-19	06:00:00"	7.863	57.12	7.766	11.14	4.477	52.84	15.03	7.561	53.83	53.26	0.564	78.56	73.25	26.348		0		0
"2014-10-19	07:00:00"	8.28	60.77	7.708	12.33	4.988	56.96	15.42	8.16	53.38	52.96	0.422	79.84	74.02	26.351		0		0
"2014-10-19	08:00:00"	8.32	59.36	9.51	11.74	4.941	53.87	16.43	8.75	54.13	54.06	0.066	79.4	73.16	26.362	0.77024			0
"2014-10-19	09:00:00"	7.902	53.14	11.02	11.74	4.411	47.53	17.56	8.16	54.9	54.97	-0.065	78.75	72.52	26.382	19.265			0
"2014-10-19	10:00:00"	7.766	71.55	9.97	11.74	4.851	66.53	18.84	8.75	56.64	57	-0.356	76.94	70.87	26.404	86.529			0
"2014-10-19	11:00:00"	8.16	104.2	20.24	14.12	5.43	100.7	26.51	10.54	61.21	62.07	-0.855	73.98	68.16	26.417	229.15			0
"2014-10-19	12:00:00"	11.43	144.3	20.02	18.3	7.234	144.5	27.28	11.74	65.86	66.9	-1.035	72.31	66.99	26.427	311.91			0
"2014-10-19	13:00:00"	13.19	168.6	15.93	22.47	8.16	170.9	23.19	15.31	70.82	71.99	-1.164	66.5	62.69	26.436	403.16			0
"2014-10-19	14:00:00"	13.17	158	13.94	20.09	7.968	160.4	21.23	15.31	71.18	72.04	-0.855	66.39	63.26	26.428	253.82			0
"2014-10-19	15:00:00"	10.29	169.3	14.81	18.3	6.476	171.9	22.79	12.93	73.12	74.23	-1.106	61.17	58.64	26.402	422.06			0
"2014-10-19	16:00:00"	6.848	172	38.27	14.72	4.753	176.3	46.51	10.54	75.73	76.87	-1.133	55.26	53.71	26.395	423.55			0
"2014-10-19	17:00:00"	7.368	147.2	22.53	13.52	4.87	147.3	30.59	9.95	76.56	77.39	-0.836	50.34	50.41	26.384	315.98			0
"2014-10-19	18:00:00"	9.08	128.3	18.29	15.91	5.921	129.8	24.55	12.93	77.16	78.15	-0.99	47.48	47.71	26.376	294.08			0
"2014-10-19	19:00:00"	10.4	148	17.54	17.7	6.181	149.4	23.32	13.52	76.51	76.79	-0.277	46.89	47.78	26.374	132.1			0
"2014-10-19	20:00:00"	9.5	125.5	17.28	15.31	5.408	124.2	23	11.14	71.61	70.83	0.775	59.71	59.66	26.371	2.3131			0
"2014-10-19	21:00:00"	10.75	122.8	10.49	17.7	6.265	122.2	17.62	12.33	68.21	67.39	0.812	66.57	65.36	26.363	0			0
"2014-10-19	22:00:00"	9.32	134.1	11.9	20.09	5.049	129.3	22.59	12.33	65.63	64.81	0.822	74.85	72.02	26.361	0			0
"2014-10-19	23:00:00"	6.157	89.1	14.29	9.95	3.178	81.7	19.88	5.771	62.98	61.93	1.056	78.45	75.78	26.366	0			0
"2014-10-20	00:00:00"	6.44	121.2	18.17	8.75	3.119	114.9	28.54	5.175	61.36	60.13	1.239	79.47	76.63	26.362	0			0
"2014-10-20	01:00:00"	6.162	107.4	14.62	8.75	2.923	92.6	21.14	5.771	60.7	59.01	1.681	83.2	80.3	26.35	0			0
"2014-10-20	02:00:00"	6.079	107.1	6.872	8.75	2.695	85.3	14.04	4.578	59.62	57.28	2.341	85.4	82.6	26.34	0			0
"2014-10-20	03:00:00"	7.572	89.4	6.249	11.14	3.662	81	18.02	6.368	58.85	57.37	1.482	87.6	84	26.325	0			0
"2014-10-20	04:00:00"	6.141	99	4.806	8.75	3.027	84.7	14.32	4.578	57.72	56.38	1.334	89.7	85.1	26.329	0			0
"2014-10-20	05:00:00"	5.739	73.44	10.75	6.964	2.933	61.74	15.73	4.578	57.68	56.57	1.114	91.1	86	26.331	0			0
"2014-10-20	06:00:00"	6.152	66.66	7.072	8.16	3.376	62.39	15.22	5.175	57.12	56.21	0.908	92.7	86.2	26.331	0			0
"2014-10-20	07:00:00"	6.461	74.12	5.279	8.16	3.484	63.52	15.63	5.771	56.76	55.85	0.915	93.5	87	26.338	0			0
"2014-10-20	08:00:00"	6.931	68.55	5.643	8.16	3.918	59.15	13.48	6.368	56.09	55.42	0.667	95.3	87.5	26.346	0.63067			0
"2014-10-20	09:00:00"	5.908	53.76	7.488	8.16	3.318	51.21	15.06	5.771	56.29	56.04	0.255	95.1	88.1	26.353	53.555			0
"2014-10-20	10:00:00"	6.391	66.56	15.19	11.14	4.172	61.56	21.63	8.75	60.49	61.15	-0.657	87.4	82.2	26.381	241.61			0
"2014-10-20	11:00:00"	8.27	109.6	16.75	13.52	5.726	107.9	24.81	10.54	65.2	66.4	-1.201	78.3	72.9	26.415	328.72			0
"2014-10-20	12:00:00"	8.57	121.4	15.6	15.91	5.902	120.4	23.36	10.54	68.65	70.46	-1.806	71.6	66.37	26.436	576.08			0
"2014-10-20	13:00:00"	9.2	117	16.14	15.31	6.305	117.5	23.91	11.74	70.72	72.37	-1.656	65.86	62.19	26.448	482.39			0
"2014-10-20	14:00:00"	9.84	128.4	16	17.7	6.485	128.7	23.69	13.52	71.83	73.44	-1.616	63.04	59.99	26.435	474.6			0
"2014-10-20	15:00:00"	11.93	108.6	17.79	23.07	7.997	107.8	25.11	21.28	74.47	76.43	-1.963	53.82	52.36	26.418	677.14			0
"2014-10-20	16:00:00"	11.69	108.3	14.98	18.89	7.876	107.8	22.75	14.12	74.45	75.72	-1.272	50	49.75	26.405	339.98			0
"2014-10-20	17:00:00"	11.98	114	15.19	19.49	7.672	113.6	22.22	14.72	73.09	73.46	-0.368	52.18	52.32	26.388	143.11			0
"2014-10-20	18:00:00"	12.55	132.1	11.68	20.68	7.561	133.2	19.33	15.91	72.28	72.24	0.036	50.05	50.78	26.382	76.868			0
"2014-10-20	19:00:00"	11	143.7	9.18	17.1	6.262	145	17.07	12.33	70.9	70.57	0.33	49.95	50.65	26.375	26.156			0
"2014-10-20	20:00:00"	4.918	144.5	17.13	13.52	2.456	131.1	33.4	9.95	68.7	67.63	1.075	59.19	59.07	26.376	0.67777			0
"2014-10-20	21:00:00"	4.003	151.3	36.98	6.368	1.966	154.6	51.77	3.386	67.24	65.52	1.726	62.76	64.32	26.38	0			0
"2014-10-20	22:00:00"	1.832	173.5	14.48	3.982	1.332	130.1	64.6	3.386	65.26	63.64	1.62	70.43	69.35	26.38	0			0
"2014-10-20	23:00:00"	2.139	66.04	14.03	3.982	1.733	60.59	57.51	3.386	64.75	62.42	2.337	72.43	73.22	26.383	0			0

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-21	00:00:00"	3.192	36.81	22.8	4.578	1.986	40.42	37.13	3.386	63.93	62.02	1.909	74.47	74.23	26.383	0	0		
"2014-10-21	01:00:00"	4.777	37.32	8.35	7.561	2.472	42.15	12.94	4.578	63.38	62.58	0.793	76.43	73.61	26.376	0	0		
"2014-10-21	02:00:00"	6.322	56.79	7.986	9.95	3.371	56.4	14.25	7.561	60.83	59.76	1.068	76.5	74.31	26.369	0	0		
"2014-10-21	03:00:00"	6.785	92.7	14.54	8.75	3.236	84.2	19.19	5.175	59.68	58.05	1.628	76.22	74.92	26.356	0	0		
"2014-10-21	04:00:00"	6.812	124.6	7.109	9.35	3.378	119.2	16.29	6.368	59.77	58.5	1.265	76.9	75.18	26.351	0	0		
"2014-10-21	05:00:00"	4.901	115.1	7.473	6.368	2.534	106.2	16.48	4.578	59.03	58.32	0.709	79.92	76.53	26.351	0	0		
"2014-10-21	06:00:00"	4.534	88.2	16.08	6.964	2.539	79.88	21.54	4.578	59.42	59.1	0.322	80.3	76	26.359	0	0		
"2014-10-21	07:00:00"	4.158	83.3	8.32	5.771	2.29	67.16	13.17	3.386	59.89	59.28	0.607	81.6	77.17	26.363	0	0		
"2014-10-21	08:00:00"	6.111	87.9	8.76	8.16	3.24	79.87	18.17	5.175	59.49	58.71	0.782	83	78.88	26.363	0.34184	0		
"2014-10-21	09:00:00"	6.484	119	9.39	9.95	3.589	112.4	20.46	6.964	59.64	59.02	0.625	85.3	80.6	26.368	30.94	0		
"2014-10-21	10:00:00"	9.27	124.8	9.76	14.72	5.873	125.1	18.62	10.54	62.48	62.75	-0.27	81.6	76.54	26.397	124.96	0		
"2014-10-21	11:00:00"	11.07	138.1	14.87	15.91	6.977	138.5	22.7	11.74	64.39	65.3	-0.912	77.25	71.75	26.421	204.64	0		
"2014-10-21	12:00:00"	11.61	158.5	11.6	17.1	7.083	160.3	19.63	13.52	65.88	66.75	-0.871	76	70.85	26.427	202.55	0		
"2014-10-21	13:00:00"	12.33	163.3	12.65	19.49	7.363	165.1	20.92	15.31	66.21	67	-0.788	75.07	70.23	26.427	191.43	0		
"2014-10-21	14:00:00"	9.99	169.6	17.09	17.7	6.013	171.7	23.14	11.74	66.46	67.13	-0.671	74.58	70.03	26.413	127.73	0		
"2014-10-21	15:00:00"	10.72	187.3	16.81	19.49	6.9	190.2	21.33	13.52	67.49	68.39	-0.908	72.21	67.94	26.387	294.5	0		
"2014-10-21	16:00:00"	12.76	172.1	13.4	21.28	7.634	173.9	20.53	14.72	69.28	70.16	-0.882	62.79	60.17	26.38	229.5	0		
"2014-10-21	17:00:00"	12.9	165.9	11.86	21.28	7.654	167.1	19.94	14.72	68.79	69.12	-0.33	60.18	58.53	26.376	113.95	0		
"2014-10-21	18:00:00"	12.16	157.2	10.65	20.68	7.065	158.4	19.24	14.12	67.54	67.69	-0.151	61.51	59.69	26.369	72.327	0		
"2014-10-21	19:00:00"	8.31	155.2	9.55	14.72	4.899	156.3	18.26	10.54	67	66.89	0.111	67.31	65.04	26.36	28.227	0		
"2014-10-21	20:00:00"	6.373	147.9	8.61	9.35	3.291	147.6	16.47	6.964	66.01	65.37	0.644	70.54	68.69	26.358	0.75679	0		
"2014-10-21	21:00:00"	6.104	141.6	8.06	8.16	2.718	137.7	14.75	4.578	63.84	62.6	1.245	75.53	73.94	26.353	0	0		
"2014-10-21	22:00:00"	5.481	155.1	14.8	8.16	2.52	153	22.9	5.771	63.38	62.5	0.883	76.91	74.7	26.355	0	0		
"2014-10-21	23:00:00"	5.471	173.2	10.16	9.35	2.684	173	17.29	5.771	63.72	62.96	0.755	78.3	75.71	26.369	0	0		
"2014-10-22	00:00:00"	5.898	172.6	8.26	10.54	3.084	173	17.22	5.771	63.78	63.32	0.461	79.48	76.11	26.37	0	0		
"2014-10-22	01:00:00"	6.622	177.6	8.94	11.14	3.774	178.8	16.91	7.561	63.41	63.13	0.272	81.5	77.45	26.37	0	0		
"2014-10-22	02:00:00"	5.68	179.9	9.32	8.75	3.018	182	17.19	5.771	62.49	61.97	0.52	85	81.4	26.364	0	0		
"2014-10-22	03:00:00"	6.23	168.6	8.42	12.33	3.295	166.9	17.37	8.75	61.86	61.45	0.409	86.6	82.5	26.357	0	0		
"2014-10-22	04:00:00"	6.008	175.7	8.95	9.95	3.342	177.5	17.5	6.368	61.8	61.4	0.406	87.8	83.9	26.355	0	0		
"2014-10-22	05:00:00"	7.307	160.1	8.55	11.74	4.221	160.1	16.74	8.16	62.23	61.95	0.277	86.7	82.3	26.353	0	0		
"2014-10-22	06:00:00"	8.77	156.7	10.9	15.31	5.062	157.2	18.45	10.54	62.36	62.17	0.19	86.7	82	26.358	0	0		
"2014-10-22	07:00:00"	9.72	158	8.77	16.51	5.651	159.6	17.97	12.93	62.46	62.3	0.16	86.1	81.2	26.367	0	0		
"2014-10-22	08:00:00"	7.821	158.3	9.91	12.33	4.525	160.7	18.65	8.16	61.88	61.81	0.069	88	82.7	26.376	0.08029	0		
"2014-10-22	09:00:00"	7.547	161	10.44	13.52	4.457	163.6	18.61	10.54	62.21	62.32	-0.11	87.6	82.2	26.385	56.262	0		
"2014-10-22	10:00:00"	11.71	174.5	14.03	18.3	7.188	176.6	20.61	12.33	64.35	65.01	-0.664	81.9	76.32	26.412	167.66	0		
"2014-10-22	11:00:00"	11.09	190	11.3	15.31	7.042	191.8	17.28	12.33	64.89	65.39	-0.501	80.7	75.49	26.434	103.4	0		
"2014-10-22	12:00:00"	9.28	196.8	13.8	14.12	6.12	199	18.17	11.14	65.49	66.02	-0.536	79.81	74.77	26.438	140.38	0		
"2014-10-22	13:00:00"	8.02	206.1	16.31	11.74	5.688	208.5	20.25	9.95	68.07	68.88	-0.811	73.4	69.11	26.438	384.79	0		
"2014-10-22	14:00:00"	7.684	220.7	17.31	12.33	5.532	220.3	20.32	9.35	69.46	70.37	-0.908	68.05	64.43	26.442	242.82	0		
"2014-10-22	15:00:00"	5.881	249.5	30.95	11.74	4.619	245.5	43.65	9.95	72.37	73.26	-0.887	61.21	59.15	26.421	546.66	0		
"2014-10-22	16:00:00"	6.24	225.6	32.54	11.14	4.785	226.8	39.57	9.35	75.39	76.45	-1.055	52.69	51.6	26.42	592.31	0		
"2014-10-22	17:00:00"	5.552	277	34.1	9.95	4.511	280	38.52	9.35	75.55	76.65	-1.1	51.73	50.98	26.417	464.2	0		
"2014-10-22	18:00:00"	6.52	212.1	30.78	18.3	4.576	212.3	32.69	13.52	74.71	75.51	-0.794	53.76	52.68	26.418	220.85	0		
"2014-10-22	19:00:00"	11.47	149.4	10.32	17.1	6.702	150.9	18.61	12.93	68.34	68.51	-0.165	75.64	71.53	26.409	44.651	0		
"2014-10-22	20:00:00"	8.45	144.1	12.49	17.1	4.631	143.3	20.21	10.54	65.45	64.97	0.48	79.72	75.78	26.393	4.6039	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-22	21:00:00"	6.861	128.2	7.67	9.95	3.387	124.4	16.01	6.368	62.84	61.77	1.076	85.9	81.7	26.386	0	0		
"2014-10-22	22:00:00"	3.229	141.2	17.37	6.368	1.316	113	89.7	3.982	60.89	59.53	1.356	90.8	85.4	26.385	0	0		
"2014-10-22	23:00:00"	5.606	147	15.3	9.95	2.322	135.3	30.04	4.578	59.46	57.81	1.649	89.6	86.4	26.384	0	0		
"2014-10-23	00:00:00"	4.325	124.6	17.65	5.771	1.839	102	25.9	2.789	57.3	55.47	1.832	88.2	85.2	26.385	0	0		
"2014-10-23	01:00:00"	4.058	149.2	8.98	6.368	1.399	131.3	25.25	2.789	55.14	53.28	1.853	89	85.5	26.372	0	0		
"2014-10-23	02:00:00"	3.329	182.2	16.3	9.35	1.342	189.9	50.42	5.771	54.7	53.17	1.535	90.5	85.9	26.361	0	0		
"2014-10-23	03:00:00"	7.042	196.8	9.69	12.93	4.397	200	15.72	8.75	56.74	56.6	0.144	94.9	87.2	26.367	0	0		
"2014-10-23	04:00:00"	5.994	223	15.17	9.35	4.199	222.9	16.56	6.368	57.2	57.35	-0.147	97.3	87.7	26.379	0	0		
"2014-10-23	05:00:00"	5.941	210.8	12.28	9.95	3.956	211	16.32	8.16	57.21	57.35	-0.134	97.9	88	26.372	0	0		
"2014-10-23	06:00:00"	6.486	206.9	9.9	9.35	4.284	208	14.59	7.561	56.84	56.96	-0.114	98.2	84	26.37	0	0		
"2014-10-23	07:00:00"	4.569	204.9	17.41	8.16	3.09	206.7	21.64	5.771	56.58	56.73	-0.155	98.4	73.13	26.375	0	0		
"2014-10-23	08:00:00"	4.059	203.8	15.52	7.561	2.731	206.7	19.3	5.175	56.53	56.68	-0.15	98.5	71.47	26.387	0.12015	0		
"2014-10-23	09:00:00"	5.108	193	13	8.75	3.282	196.9	19.19	6.368	56.76	56.97	-0.209	98.6	73.07	26.398	15.848	0		
"2014-10-23	10:00:00"	4.725	179.8	18.03	7.561	3.162	184	27.18	5.771	56.98	57.4	-0.416	98.5	74.81	26.42	80.498	0		
"2014-10-23	11:00:00"	2.732	149.2	41.84	5.175	2.04	149.3	56.28	4.578	58	58.51	-0.507	98.2	78.03	26.44	167.01	0		
"2014-10-23	12:00:00"	3.816	215.1	25.72	7.561	2.984	218	32.14	6.368	59.68	60.22	-0.533	97.3	86.5	26.46	276.66	0		
"2014-10-23	13:00:00"	4.555	249.3	28.16	9.35	3.534	248.5	39.55	6.964	64.67	66.31	-1.646	92.1	85.7	26.48	605	0		
"2014-10-23	14:00:00"	5.201	250.8	29.94	9.95	4.057	249.4	35.78	8.75	72.62	74.08	-1.457	66.76	60.49	26.484	696.85	0		
"2014-10-23	15:00:00"	6.347	234.5	25.88	11.14	4.924	234	30.61	10.54	77.03	78.07	-1.044	48.39	48.28	26.474	675.24	0		
"2014-10-23	16:00:00"	6.284	219.4	28.37	12.93	4.885	220.4	32.58	9.95	79.09	79.93	-0.839	44.03	44.84	26.461	594.07	0		
"2014-10-23	17:00:00"	7.167	213.8	25.72	15.31	5.295	215.1	31.22	12.93	79.76	80.6	-0.839	40	41.59	26.454	455.53	0		
"2014-10-23	18:00:00"	7.363	197.1	17.79	11.74	4.883	197.1	23.19	8.75	78.69	79.34	-0.656	42.94	44.48	26.452	222.01	0		
"2014-10-23	19:00:00"	7.126	194.6	6.548	11.14	3.976	193.1	15.76	7.561	76.56	76.14	0.419	44.06	46.85	26.444	81.166	0		
"2014-10-23	20:00:00"	6.186	179.1	6.324	8.16	2.368	157.7	12.5	3.386	71.01	67.24	3.764	53.76	60.3	26.435	1.9996	0		
"2014-10-23	21:00:00"	6.452	165.1	8.27	8.75	2.311	141.7	15.81	3.386	67.14	62.71	4.422	59.28	65.83	26.41	0	0		
"2014-10-23	22:00:00"	5.022	145.8	7.152	6.964	2.211	102	11.28	3.386	64.74	61.69	3.056	66.38	69.15	26.403	0	0		
"2014-10-23	23:00:00"	2.817	161.6	14.8	5.771	1.381	25.91	76.78	2.789	62.58	59.61	2.965	73.27	74.05	26.406	0	0		
"2014-10-24	00:00:00"	3.204	178.2	7.348	7.561	1.772	101.8	51.75	3.386	61.95	59.26	2.688	75.34	75.61	26.402	0	0		
"2014-10-24	01:00:00"	3.526	181.7	5.542	6.368	1.282	166.8	25.5	2.789	60.3	57.65	2.647	80.8	80	26.403	0	0		
"2014-10-24	02:00:00"	3.865	190.1	7.803	5.771	1.017	163.7	19.25	1.596	59.36	56.83	2.529	88.3	85.1	26.4	0	0		
"2014-10-24	03:00:00"	2.574	191.5	9.08	4.578	1.072	92.7	49.46	1.596	58.13	56.13	1.996	95	89.6	26.395	0	0		
"2014-10-24	04:00:00"	1.377	197.1	0.41	2.789	1	357.7	34.54	1	57.88	55.72	2.155	96.8	91.2	26.391	0	0		
"2014-10-24	05:00:00"	2.407	197.6	1.419	3.386	1.05	325.9	10.47	2.193	57.95	54.63	3.317	97.6	90.7	26.386	0	0		
"2014-10-24	06:00:00"	1.859	209.8	1.401	3.982	1.083	291.1	53.75	2.193	56.94	54.57	2.369	98	90.5	26.382	0	0		
"2014-10-24	07:00:00"	2.524	215.3	21.17	4.578	1.431	317.6	69.94	2.789	55.62	53.8	1.825	98.4	84.9	26.388	0	0		
"2014-10-24	08:00:00"	3.644	282.5	6.672	5.175	1.406	293.5	15.58	2.789	54.66	53.8	0.867	98.6	79.63	26.399	0.28989	0		
"2014-10-24	09:00:00"	3.835	273.2	10.1	5.771	2.169	274	21.57	5.175	54.48	53.88	0.603	98.8	79.29	26.411	37.077	0		
"2014-10-24	10:00:00"	4.724	235.6	14.67	8.16	3.703	236.3	17.74	6.964	56.79	57.12	-0.324	98.5	79.63	26.439	164.08	0		
"2014-10-24	11:00:00"	6.584	211.7	11.05	9.95	4.828	213.9	16.57	8.16	61.09	61.76	-0.673	96.8	86.9	26.476	383.07	0		
"2014-10-24	12:00:00"	6.679	213.3	13.41	9.95	4.961	212.8	18.58	8.16	68.39	69.78	-1.394	81.1	75.38	26.511	568.07	0		
"2014-10-24	13:00:00"	8.64	214.9	15.07	12.93	6.376	215.4	18.67	10.54	75.8	76.81	-1.012	53.4	53.07	26.536	665.6	0		
"2014-10-24	14:00:00"	10.6	208.3	12.09	15.91	7.304	208.6	16.96	12.93	79.19	80.4	-1.254	41.3	42.46	26.537	705.4	0		
"2014-10-24	15:00:00"	9.62	211.7	15.44	15.31	6.905	210.9	18.91	12.93	81.6	82.8	-1.157	35.85	37.22	26.522	683.38	0		
"2014-10-24	16:00:00"	9.67	210.3	19.04	17.7	6.827	211.2	21.83	12.93	83	84.1	-1.084	32.24	33.55	26.511	600.5	0		
"2014-10-24	17:00:00"	9.06	206.3	16.02	15.31	6.273	206.4	20.43	11.74	83.6	84.5	-0.912	30.15	31.43	26.505	460.22	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-24	18:00:00"	9.09	199.8	17.59	15.31	6.048	200	22.05	11.74	83	83.7	-0.74	32.79	34.27	26.499	282.26		0	
"2014-10-24	19:00:00"	7.068	204.7	15.04	12.33	4.09	200.2	20.29	8.16	81.2	80.7	0.498	33.84	36.95	26.49	96.911		0	
"2014-10-24	20:00:00"	5.926	172.1	15.98	8.16	2.371	138.7	29.97	3.982	74.62	70.38	4.237	42.51	50.84	26.472	1.8299		0	
"2014-10-24	21:00:00"	6.392	148.9	4.367	8.16	2.3	106.3	9.84	3.386	70.2	65.44	4.76	47.33	56.66	26.453	0		0	
"2014-10-24	22:00:00"	6.957	148.8	3.506	8.75	2.258	126.3	10.37	3.982	67.23	62.54	4.689	51.52	58.89	26.439	0		0	
"2014-10-24	23:00:00"	6.236	151.8	5.106	8.16	1.794	146.6	18.48	3.386	64.58	60.56	4.019	58.25	63.28	26.435	0		0	
"2014-10-25	00:00:00"	3.702	170.1	8.04	7.561	1.336	164.4	69.25	3.982	63.61	60.03	3.584	60.47	64.29	26.428	0		0	
"2014-10-25	01:00:00"	4.222	186.2	5.812	9.95	1.494	157.3	48.22	4.578	62.22	58.6	3.618	64.72	67.27	26.427	0		0	
"2014-10-25	02:00:00"	3.34	166.8	8.86	4.578	1.261	115.3	23.08	2.193	61.31	58.49	2.818	71.42	71.42	26.421	0		0	
"2014-10-25	03:00:00"	3.531	173.6	6.201	5.175	1.116	156.2	18.87	2.193	60.33	57.65	2.68	79.42	78.68	26.422	0		0	
"2014-10-25	04:00:00"	3.743	179.9	0.209	4.578	1	245.5	59.85	1	59.38	56.22	3.16	84.8	82.7	26.416	0		0	
"2014-10-25	05:00:00"	3.071	180.1	0.044	5.175	1	53.59	74.2	1	58.24	55.51	2.733	90.6	86.8	26.407	0		0	
"2014-10-25	06:00:00"	3.246	178.9	2.514	5.175	1.002	90.2	27.55	1.596	57.52	55.69	1.825	95.7	90	26.401	0		0	
"2014-10-25	07:00:00"	2.157	167.7	1.45	4.578	1.025	35.3	67.53	1.596	57.41	55.38	2.029	97.8	90.2	26.405	0		0	
"2014-10-25	08:00:00"	1.026	167.6	0.186	2.193	1	5.952	11.28	1	57.27	54.69	2.583	98.3	90.2	26.409	0.29033		0	
"2014-10-25	09:00:00"	1	167.4	0.163	1	1	339.9	19.72	1.596	57.43	55.27	2.157	98.4	85.3	26.419	51.456		0	
"2014-10-25	10:00:00"	3.874	190.1	19.45	8.75	2.802	225.5	32.06	6.368	61.87	61.41	0.459	90.6	90.5	26.455	238.78		0	
"2014-10-25	11:00:00"	7.151	212.1	13.36	10.54	5.217	213.8	17.35	8.75	69.04	69.54	-0.498	72.45	72.23	26.505	421.6		0	
"2014-10-25	12:00:00"	7.578	201.7	15.62	12.33	5.375	202.2	21.35	11.14	74.63	75.68	-1.049	56.86	55.5	26.534	569.43		0	
"2014-10-25	13:00:00"	8.06	210.6	14.66	14.12	5.816	211.1	18.5	9.35	79.12	80.1	-1.01	43.65	44.56	26.548	667.48		0	
"2014-10-25	14:00:00"	8.98	212.5	16.22	14.72	6.553	213	20.16	12.33	81.6	82.7	-1.041	37.73	39.32	26.543	705.2		0	
"2014-10-25	15:00:00"	10.65	208.2	18.5	18.89	7.399	207.7	22.8	14.12	83.1	84.3	-1.284	32.42	33.57	26.524	684.17		0	
"2014-10-25	16:00:00"	10.85	204.7	16.05	17.1	7.462	204.3	20.1	13.52	83.8	85	-1.148	30.19	31.32	26.506	601.39		0	
"2014-10-25	17:00:00"	10.08	208.5	15.72	16.51	6.834	208	19.4	12.93	84.1	85.1	-0.996	29.82	31.05	26.494	463.28		0	
"2014-10-25	18:00:00"	9.74	198.3	15.61	14.72	6.347	199.1	19.24	11.14	83.9	84.5	-0.679	28.64	30.06	26.482	286.84		0	
"2014-10-25	19:00:00"	7.87	181.9	12.68	13.52	4.241	180.3	20.33	9.95	81.5	80.8	0.622	30.25	32.96	26.47	95.801		0	
"2014-10-25	20:00:00"	7.087	158.2	5.353	8.75	2.35	136.9	10.66	3.386	74.2	69.45	4.754	39.16	47.5	26.438	1.5836		0	
"2014-10-25	21:00:00"	8.03	148.5	6.37	9.95	2.851	131.3	10.88	4.578	70.3	65.43	4.876	44.88	52.72	26.407	0		0	
"2014-10-25	22:00:00"	8.64	141.7	3.419	9.95	3.15	128.6	12.1	4.578	68.8	64.19	4.618	49.29	56.23	26.394	0		0	
"2014-10-25	23:00:00"	6.547	140	6.149	9.35	2.364	116	18.65	4.578	67.13	63.02	4.114	50.69	56.97	26.385	0		0	
"2014-10-26	00:00:00"	6.778	165.5	8.91	13.52	2.688	167.5	19.32	8.16	64.72	62.01	2.708	58.4	60.28	26.383	0		0	
"2014-10-26	01:00:00"	4.726	182.7	7.225	6.964	1.485	200.1	16.38	2.789	61.64	58.97	2.667	69.33	69.51	26.366	0		0	
"2014-10-26	02:00:00"	5.281	194.5	10.85	8.16	2.076	215.1	21.37	3.982	61.11	58.34	2.769	74.21	74.13	26.34	0		0	
"2014-10-26	03:00:00"	5.596	201.2	7.305	8.16	2.197	207.1	20.62	4.578	61.11	58.22	2.885	77.67	77.33	26.331	0		0	
"2014-10-26	04:00:00"	4.918	206.7	14.97	7.561	1.853	195.8	34.13	3.982	59.41	56.61	2.801	82.5	81.5	26.312	0		0	
"2014-10-26	05:00:00"	4.136	240	38.42	6.368	2.155	283.3	57	3.982	58.4	55.37	3.034	85.8	83.6	26.295	0		0	
"2014-10-26	06:00:00"	4.057	231.6	15.26	5.175	1.093	272.3	40.09	2.193	58.25	54.17	4.087	86.4	85.8	26.282	0		0	
"2014-10-26	07:00:00"	3.714	194.9	10.62	5.175	1.098	90.7	80.6	2.193	56.51	53.39	3.121	90.9	88.5	26.272	0		0	
"2014-10-26	08:00:00"	2.207	220.6	13.27	5.175	1.018	330.9	49.63	1.596	54.98	52.47	2.508	94.7	89.8	26.269	0.29262		0	
"2014-10-26	09:00:00"	3.574	235.3	6.258	5.771	1.079	253.8	51.24	2.193	55.75	53.19	2.552	93.5	89.5	26.27	61.59		0	
"2014-10-26	10:00:00"	5.155	233.5	16.2	9.35	3.885	232.9	18.82	6.964	59.99	59.79	0.2	83.7	82.2	26.302	244.74		0	
"2014-10-26	11:00:00"	7.042	219.8	14.4	9.95	5.147	219.7	17.35	9.35	66.19	66.96	-0.773	68.46	64.88	26.343	425.96		0	
"2014-10-26	12:00:00"	6.934	223.2	14.59	11.14	5.245	222.5	17.41	9.35	73.51	74.22	-0.715	51.99	51.3	26.373	574.5		0	
"2014-10-26	13:00:00"	8.83	235.8	15.41	15.31	6.727	231.9	17.65	11.14	80.4	81.1	-0.711	35.27	36.8	26.385	669.81		0	
"2014-10-26	14:00:00"	8.39	224.9	19.29	14.12	6.289	224.1	20.83	11.74	84.4	85.2	-0.803	26.41	27.61	26.377	708.27		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-26	15:00:00"	7.319	222.4	30.79	15.31	5.451	223.4	34.27	12.93	86.6	87.5	-0.895	24.27	25.32	26.357	683.19		0	
"2014-10-26	16:00:00"	8.23	218.7	26.71	18.89	6.026	219.1	30.05	13.52	87.2	88.1	-0.881	23.67	24.64	26.336	596.15		0	
"2014-10-26	17:00:00"	9.46	230.4	29.49	17.7	6.906	230.4	30.71	14.12	87.4	88.2	-0.75	20.97	21.74	26.322	457.92		0	
"2014-10-26	18:00:00"	8.34	228.7	17.47	14.12	6.068	229.3	19.38	11.74	87	87.4	-0.409	20.33	21.17	26.308	280.64		0	
"2014-10-26	19:00:00"	6.467	213	13.62	10.54	3.765	213.2	16.59	8.16	84.3	83.5	0.811	24.61	27.16	26.291	89.773		0	
"2014-10-26	20:00:00"	7.067	183.4	7.688	9.35	2.514	164.8	18.33	4.578	76.04	71.58	4.462	33.75	41.19	26.266	1.2336		0	
"2014-10-26	21:00:00"	5.158	170.2	6.942	8.16	1.449	114.1	34.35	2.789	70.77	65.98	4.791	39.38	47.11	26.234	0		0	
"2014-10-26	22:00:00"	5.538	169.6	10.69	7.561	1.775	169.2	37.66	3.982	67.37	63.59	3.78	44.72	50.05	26.21	0		0	
"2014-10-26	23:00:00"	4.785	181.1	16.93	6.964	1.548	195.5	53.64	3.982	65.57	62.01	3.561	47.95	52.69	26.192	0		0	
"2014-10-27	00:00:00"	6.943	188.1	10.2	11.14	2.968	193.5	20.05	6.964	65.11	61.88	3.235	56.35	58.84	26.187	0		0	
"2014-10-27	01:00:00"	7.735	185	10.3	12.33	4.137	189.7	17.83	6.964	65.56	64.2	1.363	68.77	67.73	26.182	0		0	
"2014-10-27	02:00:00"	6.123	179.3	10.62	11.74	3.095	182.9	19.68	6.964	64.05	62.81	1.237	75.32	73.13	26.177	0		0	
"2014-10-27	03:00:00"	4.998	185.6	15.61	8.16	2.248	192.2	28.07	4.578	62.89	61.08	1.813	79.15	77.55	26.164	0		0	
"2014-10-27	04:00:00"	5.306	198.6	9.2	8.16	2.261	208.4	18.55	4.578	61.87	59.59	2.283	81.2	79.95	26.153	0		0	
"2014-10-27	05:00:00"	4.173	209.8	10.29	6.964	1.524	219.7	37.12	3.386	59.59	57.34	2.246	86.1	83.2	26.139	0		0	
"2014-10-27	06:00:00"	3.999	192	11.46	6.964	1.27	189.8	44.03	2.789	58.13	55.99	2.139	89.5	86.1	26.127	0		0	
"2014-10-27	07:00:00"	4.012	190.7	7.865	5.771	1.229	183.1	36.89	3.386	57.47	55	2.472	90.6	88.1	26.123	0		0	
"2014-10-27	08:00:00"	3.891	226.2	21.13	5.771	1.423	255.7	28.83	2.789	57.04	54.65	2.387	92.2	88.5	26.126	0.68897		0	
"2014-10-27	09:00:00"	5.046	246.7	11.62	6.368	2.537	255.4	17.1	3.982	56.65	55.19	1.463	92.4	88.6	26.139	40.216		0	
"2014-10-27	10:00:00"	6.419	220.7	12.12	12.33	4.605	224.6	15.79	9.35	60.7	60.71	-0.01	83.2	79.71	26.169	215.75		0	
"2014-10-27	11:00:00"	9.16	209.2	9.82	13.52	6.317	213	14.05	11.14	67.48	68.21	-0.728	64.64	62.25	26.21	355.82		0	
"2014-10-27	12:00:00"	9.56	215.3	11.85	15.91	6.906	218	14.5	11.74	73	73.7	-0.699	49.71	49.9	26.24	426.08		0	
"2014-10-27	13:00:00"	11.61	223.1	15.39	18.3	8.25	224.5	17.42	14.12	78.34	79.07	-0.735	38.78	40.71	26.252	520.36		0	
"2014-10-27	14:00:00"	16.07	251.9	16.75	24.86	12.02	250.5	20	20.68	82.6	83.2	-0.659	27.98	29.7	26.253	532.58		0	
"2014-10-27	15:00:00"	17.63	257.8	12.13	27.84	13.55	256.2	16.09	22.47	83	83.5	-0.507	23.68	24.93	26.24	467.27		0	
"2014-10-27	16:00:00"	19.52	259.8	11.28	30.22	14.66	257.6	15.83	23.07	83.6	84.3	-0.687	21.59	22.43	26.233	533.78		0	
"2014-10-27	17:00:00"	17.58	258.6	11.69	27.84	13.17	255.7	15.94	23.66	83	83	-0.028	20.47	21.44	26.235	198.14		0	
"2014-10-27	18:00:00"	10.08	241.6	12.69	19.49	7.452	237.5	15.06	17.1	81.1	80.7	0.396	25.31	26.96	26.231	86.787		0	
"2014-10-27	19:00:00"	7.575	218.4	7.793	12.33	4.261	217.5	11.93	9.35	78.69	77.51	1.182	28.44	31.27	26.218	19.483		0	
"2014-10-27	20:00:00"	8.01	233	17.9	12.93	4.926	231.7	20.07	9.35	76.42	74.72	1.696	30.84	34.36	26.219	0.22349		0	
"2014-10-27	21:00:00"	5.421	243.1	9.47	9.35	2.419	242.1	23.32	5.771	74.56	72.29	2.268	33.84	38.27	26.231	0		0	
"2014-10-27	22:00:00"	6.571	266.8	8.82	10.54	3.61	265.2	14.8	6.368	72.53	70.11	2.419	36.02	40.79	26.236	0		0	
"2014-10-27	23:00:00"	4.483	258.3	26.87	6.964	2.054	273	58.06	4.578	69.39	66.6	2.794	40.84	45.9	26.242	0		0	
"2014-10-28	00:00:00"	6.856	318.6	6.515	14.12	4.051	329.2	18.92	12.93	68.23	65.71	2.522	44.4	47.72	26.248	0		0	
"2014-10-28	01:00:00"	9.63	307.5	7.022	13.52	6.182	310	7.802	10.54	67.58	65.99	1.592	46.57	48.43	26.256	0		0	
"2014-10-28	02:00:00"	12.94	348.5	31.95	25.45	8.8	347.2	30.03	21.28	63.92	63.12	0.8	53.69	53.06	26.27	0		0	
"2014-10-28	03:00:00"	18.72	35.96	9.21	27.84	10.44	31.13	12.32	24.86	58.03	57.94	0.083	62.69	59.07	26.287	0		0	
"2014-10-28	04:00:00"	19.91	35.18	9.6	29.63	11.21	30.5	12.32	24.26	55.62	55.52	0.096	63	59	26.292	0		0	
"2014-10-28	05:00:00"	17.12	39.78	9.6	26.05	9.07	35.89	12.82	20.68	53.98	53.82	0.167	64.19	59.93	26.301	0		0	
"2014-10-28	06:00:00"	17.57	35.09	9.82	26.05	9.99	31.2	12.8	20.09	51.91	51.81	0.099	64.48	59.82	26.305	0		0	
"2014-10-28	07:00:00"	13.72	28.08	15.32	27.24	8.49	25.04	16.95	18.89	50.17	50.05	0.114	60.4	56.02	26.331	0		0	
"2014-10-28	08:00:00"	12.3	13.51	10.01	20.09	9.18	13.57	12.78	15.91	48.04	48.01	0.033	57.02	52.6	26.349	0.11726		0	
"2014-10-28	09:00:00"	11.49	13.04	11.62	18.3	8.06	13.02	14.34	14.72	47.24	47.35	-0.106	54.94	50.66	26.365	52.853		0	
"2014-10-28	10:00:00"	13.18	22.99	13.32	21.28	8.65	20.74	16.13	18.89	50.53	51.16	-0.637	50.25	46.61	26.398	231.66		0	
"2014-10-28	11:00:00"	12.47	42.24	12.23	20.09	7.046	38.03	15.93	15.91	54.6	55.69	-1.087	45.98	43.09	26.445	414.74		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-28	12:00:00"	11.56	47.7	16.09	20.09	6.808	43.37	20.79	15.91	57.97	59.61	-1.639	42.72	40.33	26.475	562.57	0		
"2014-10-28	13:00:00"	9.51	50.24	18.91	16.51	6.071	46.56	23.5	11.14	61.47	63.32	-1.855	40.7	39.02	26.482	658.95	0		
"2014-10-28	14:00:00"	7.132	47.01	26.31	14.12	4.874	41.63	31.67	11.14	64.9	66.34	-1.439	38.34	37.93	26.477	695.83	0		
"2014-10-28	15:00:00"	4.731	28.52	54.31	11.14	3.617	23.35	64.01	8.75	68.82	69.89	-1.071	35.18	35.6	26.465	671.8	0		
"2014-10-28	16:00:00"	5.667	9.85	51.3	12.33	4.272	6.889	55.01	9.95	69.63	70.62	-0.983	34.76	35.18	26.458	589.23	0		
"2014-10-28	17:00:00"	5.221	52.31	33.54	11.14	3.76	46.35	44.13	8.16	70.84	71.76	-0.916	33.61	34.19	26.449	453.03	0		
"2014-10-28	18:00:00"	5.555	67.51	19.24	11.74	3.736	66.26	29.67	9.95	70.52	71.82	-1.302	33.92	34.05	26.446	276.57	0		
"2014-10-28	19:00:00"	6.446	84.5	12.18	9.95	3.897	86.7	22.42	7.561	68.63	68.69	-0.068	36.76	37.94	26.443	86.733	0		
"2014-10-28	20:00:00"	7.092	81.9	4.573	9.95	2.926	81.5	12.9	4.578	63.62	60.39	3.23	44.76	48.98	26.43	1.1322	0		
"2014-10-28	21:00:00"	7.54	84.5	4.027	10.54	2.967	83.9	13.33	5.771	59.68	56.36	3.326	51.8	54.77	26.42	0	0		
"2014-10-28	22:00:00"	8.23	94.9	5.464	9.95	3.874	93.8	13.84	5.771	56.53	53.36	3.174	58.26	59.91	26.416	0	0		
"2014-10-28	23:00:00"	7.601	102.7	4.826	9.95	3.609	89.3	14.42	6.368	54.38	51.27	3.102	64.84	65.26	26.413	0	0		
"2014-10-29	00:00:00"	8.01	93.6	5.978	11.14	3.932	87.8	14.72	5.771	53.14	50.98	2.157	68.85	67.45	26.415	0	0		
"2014-10-29	01:00:00"	8.59	89.4	4.539	11.14	4.131	89.9	14.96	6.368	51.72	49.84	1.879	71.83	69.47	26.412	0	0		
"2014-10-29	02:00:00"	7.786	91.1	8.29	11.14	3.847	82	15.95	6.368	51.26	49.14	2.126	73.22	71.22	26.407	0	0		
"2014-10-29	03:00:00"	9.17	67.77	7.578	12.33	5.079	65.17	16.74	8.16	50.18	49.16	1.019	74.54	70.29	26.41	0	0		
"2014-10-29	04:00:00"	9.28	67.57	6.285	11.74	5.055	65.02	16.87	8.16	48.47	47.48	0.988	77.24	72.33	26.409	0	0		
"2014-10-29	05:00:00"	9.7	68.06	8.66	12.93	5.331	63.46	16.44	8.16	48.64	47.57	1.069	75.57	71.28	26.399	0	0		
"2014-10-29	06:00:00"	9.44	69.81	7.256	12.93	5.163	65.61	16.82	8.75	48.08	47.07	1.007	74.07	69.83	26.404	0	0		
"2014-10-29	07:00:00"	9.4	63.12	6.822	12.33	5.372	61.97	15.75	9.35	47.41	46.49	0.922	74.27	69.6	26.407	0	0		
"2014-10-29	08:00:00"	8.74	60.32	8.12	11.74	5.062	60.5	15.33	8.16	46.59	45.76	0.823	75.29	70.21	26.412	0.15604	0		
"2014-10-29	09:00:00"	9.31	57.76	6.743	12.33	5.537	55.27	14.2	9.95	47.09	46.75	0.337	73.32	67.98	26.426	50.202	0		
"2014-10-29	10:00:00"	9.45	87.1	16.28	14.72	6.181	85.1	23.38	11.14	52.37	53.18	-0.81	62.8	57.98	26.46	225.18	0		
"2014-10-29	11:00:00"	11.59	121.4	12.85	18.3	7.489	122.6	20.83	13.52	59.61	60.94	-1.327	51.25	48.1	26.51	407.05	0		
"2014-10-29	12:00:00"	12.18	139	14.79	18.3	7.654	141.5	22.89	13.52	63.52	65.29	-1.765	47.95	45.14	26.542	552.86	0		
"2014-10-29	13:00:00"	10.13	147.9	19.74	16.51	6.657	151.1	27.03	12.33	66.86	68.69	-1.831	46.66	44.35	26.552	648.1	0		
"2014-10-29	14:00:00"	8.87	160	22.58	15.91	6.048	163.5	30.12	11.14	69.68	71.33	-1.649	44.53	43	26.54	685.1	0		
"2014-10-29	15:00:00"	8.09	175.5	24.17	18.3	5.569	181.1	32.2	14.72	71.85	73.41	-1.56	42.35	41.43	26.519	659.08	0		
"2014-10-29	16:00:00"	6.937	175.9	27.71	16.51	4.813	179.6	39.11	12.33	73.46	74.53	-1.072	41.17	41.12	26.503	577.02	0		
"2014-10-29	17:00:00"	7.761	172.1	24.14	13.52	5.303	177.9	30.71	11.14	73.85	75.04	-1.193	40.74	40.79	26.49	440.76	0		
"2014-10-29	18:00:00"	8.45	169.5	17.77	14.72	5.406	172.9	25.06	11.14	73.59	74.63	-1.035	42	42.09	26.478	266.75	0		
"2014-10-29	19:00:00"	7.546	164.3	8.83	12.93	4.095	164.6	16.22	8.75	71.65	71.37	0.282	47.09	47.93	26.46	80.744	0		
"2014-10-29	20:00:00"	4.544	150.8	21.85	7.561	2.103	113.4	28.68	3.982	67.24	63.93	3.311	56.21	59.87	26.441	0.98374	0		
"2014-10-29	21:00:00"	5.74	148.8	4.763	6.964	1.857	116.4	16	2.789	63.31	58.74	4.565	63.88	68.19	26.418	0	0		
"2014-10-29	22:00:00"	5.748	158	6.081	7.561	2.295	119	17.7	3.386	60.9	56.7	4.201	69.13	72.23	26.4	0	0		
"2014-10-29	23:00:00"	3.409	182.2	14.93	5.771	1.098	149.1	63.82	2.193	58.95	55.18	3.765	73.81	74.67	26.393	0	0		
"2014-10-30	00:00:00"	1.819	211.9	4.465	3.982	1.991	85.3	47.96	3.386	57.17	53.26	3.906	77.37	78.83	26.375	0	0		
"2014-10-30	01:00:00"	4.074	199.1	20.51	5.771	1.673	156.2	38.99	3.982	57.31	52.37	4.939	78.74	80.6	26.371	0	0		
"2014-10-30	02:00:00"	3.61	231.5	13.42	5.175	1.041	285.9	92.1	2.193	55.36	51.8	3.556	83.9	82.7	26.359	0	0		
"2014-10-30	03:00:00"	3.458	230.4	13.88	4.578	1.277	171.4	49.64	2.789	55.18	51.6	3.571	86	84.4	26.353	0	0		
"2014-10-30	04:00:00"	3.128	231.4	8.41	4.578	1.11	340.6	38.02	2.193	55.15	50.89	4.258	87.2	86.4	26.344	0	0		
"2014-10-30	05:00:00"	2.659	238.5	17.08	3.982	1.132	344	71.98	2.789	54.69	51.19	3.503	89.2	87.1	26.334	0	0		
"2014-10-30	06:00:00"	5.544	293.3	9.64	7.561	2.552	310.7	10.95	3.982	55.51	51.4	4.113	87.9	87.2	26.331	0	0		
"2014-10-30	07:00:00"	6.154	297.8	6.145	8.16	2.922	292.3	13.88	4.578	54.51	50.59	3.927	88.9	86.6	26.342	0	0		
"2014-10-30	08:00:00"	5.426	300.5	5.505	6.964	2.415	289.3	17.6	3.982	53.78	49.11	4.666	90.3	87.1	26.346	0.13502	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-10-30	09:00:00"	5.449	300.5	5.311	7.561	2.553	282.8	19.25	3.982	53.81	50.41	3.4	89.5	87.7	26.35	56.892		0	
"2014-10-30	10:00:00"	8.26	298.4	9.38	14.12	6.627	297.2	21.95	11.74	58.18	58.06	0.118	80.7	77.39	26.391	231.46		0	
"2014-10-30	11:00:00"	9.77	294.7	11.5	15.31	7.817	297.1	16.25	13.52	67.1	67.41	-0.312	62.34	60.92	26.443	412.81		0	
"2014-10-30	12:00:00"	13.57	324.7	17.24	20.09	11.02	326.6	17.93	18.3	71.44	72.06	-0.627	34.48	35.4	26.483	565.83		0	
"2014-10-30	13:00:00"	12.77	356.7	14.92	19.49	10.01	356.8	18.07	17.1	72.6	73.69	-1.098	25.95	26.33	26.499	666.25		0	
"2014-10-30	14:00:00"	11.87	353.7	15.32	18.3	9.38	354.1	18.17	15.91	75.39	76.64	-1.252	23.76	24.15	26.504	703.62		0	
"2014-10-30	15:00:00"	13.07	8.88	16.54	21.28	9.64	8.01	19.41	17.1	75.91	77.26	-1.349	25.9	26.24	26.498	675.28		0	
"2014-10-30	16:00:00"	12.14	19.71	16.97	21.87	8.34	18.18	18.86	15.91	77.13	78.22	-1.083	28.45	29.17	26.492	586		0	
"2014-10-30	17:00:00"	12.86	26.73	12.47	22.47	8.19	26.05	15.03	18.89	77.06	77.91	-0.851	28.91	29.64	26.495	442.77		0	
"2014-10-30	18:00:00"	13.78	31.8	12.95	19.49	8.28	29.88	15.47	17.7	76.21	76.84	-0.625	31.06	31.98	26.496	263.43		0	
"2014-10-30	19:00:00"	12.92	44.26	10.39	21.28	6.871	40.85	15.09	12.93	73.5	73.43	0.065	35.8	37.25	26.494	76.228		0	
"2014-10-30	20:00:00"	11.07	48.14	8.57	16.51	5.794	44.38	14.96	11.14	69.17	68.46	0.718	44.76	45.59	26.49	0.73324		0	
"2014-10-30	21:00:00"	12.02	43.66	7.928	17.1	6.221	40.42	13.3	12.33	66.27	65.73	0.538	51.49	50.94	26.496	0		0	
"2014-10-30	22:00:00"	11.16	46.62	8.26	16.51	5.669	43.04	14.57	10.54	63.6	62.95	0.655	58.58	57.12	26.505	0		0	
"2014-10-30	23:00:00"	13.26	41.03	8.12	21.28	6.798	36.98	11.85	12.93	61.48	61.07	0.415	64.11	61.38	26.513	0		0	
"2014-10-31	00:00:00"	16.3	48.12	8.59	23.07	8.42	42.75	14.27	15.91	59.89	59.48	0.41	67.6	64.39	26.521	0		0	
"2014-10-31	01:00:00"	13.64	59.22	8.26	21.87	8.36	55.75	15.68	14.72	58.2	57.68	0.52	62.39	59.86	26.53	0		0	
"2014-10-31	02:00:00"	13.07	61.68	8.9	20.09	7.87	57.3	16.4	15.31	56.49	55.91	0.577	54.79	52.88	26.531	0		0	
"2014-10-31	03:00:00"	9.19	56.14	9.35	15.31	5.375	55.16	15.63	11.14	53.76	53	0.757	55.59	53.41	26.536	0		0	
"2014-10-31	04:00:00"	9.79	52.77	8.75	14.72	5.479	53.52	15.98	9.95	52.12	51.27	0.858	54.35	52.24	26.529	0		0	
"2014-10-31	05:00:00"	10.56	46.28	9.71	16.51	5.489	44.1	15.36	10.54	50.8	50.17	0.633	55	52.12	26.522	0		0	
"2014-10-31	06:00:00"	10.41	40.05	9.2	16.51	5.513	38.39	13.51	11.14	49.68	49.19	0.49	55.69	52.27	26.522	0		0	
"2014-10-31	07:00:00"	10.24	38.39	10.27	15.91	5.349	37.15	14.01	10.54	48.76	48.29	0.468	56.79	53.07	26.53	0		0	
"2014-10-31	08:00:00"	8.51	35.52	9.56	12.93	4.46	35.87	13.34	8.75	45.97	45.53	0.442	62.74	57.93	26.537	0.12648		0	
"2014-10-31	09:00:00"	12.81	44.91	8.78	21.28	6.489	42.59	14.09	13.52	47.56	47.15	0.411	58.09	54.33	26.541	50.475		0	
"2014-10-31	10:00:00"	13.54	67.13	13.12	20.09	8.25	65.24	20.27	14.72	52.72	53.31	-0.587	48.37	45.54	26.581	226.71		0	
"2014-10-31	11:00:00"	14.06	94.6	12.79	22.47	9.2	94.4	20.8	16.51	58.26	59.38	-1.115	38.98	37.52	26.645	406.7		0	
"2014-10-31	12:00:00"	12.47	99.5	13.99	19.49	8.52	98.3	21.86	14.72	60.13	61.67	-1.546	37.2	35.56	26.67	552.47		0	
"2014-10-31	13:00:00"	12.02	113.1	16.78	19.49	8.17	112.8	23.84	14.12	62.58	64.4	-1.828	34.35	32.76	26.679	660.31		0	
"2014-10-31	14:00:00"	11.71	108.1	15.54	19.49	8.1	107.7	24.53	15.91	63.85	65.67	-1.823	32.76	31.28	26.672	660.81		0	
"2014-10-31	15:00:00"	11.03	111.5	15.27	17.7	7.622	111.2	23	15.31	64.94	66.82	-1.886	31.52	30.03	26.646	651.45		0	
"2014-10-31	16:00:00"	11.16	111.9	17.14	20.09	7.666	112.5	24.99	14.12	65.49	67.3	-1.81	31.46	29.99	26.626	577.69		0	
"2014-10-31	17:00:00"	11.41	121.9	16.21	18.3	7.453	123.2	23.11	14.72	65.94	67.46	-1.524	31.49	30.26	26.611	440.35		0	
"2014-10-31	18:00:00"	11.13	121.2	16.12	17.1	7.153	121.5	23.07	13.52	65.71	66.7	-0.991	31.4	30.48	26.604	255.49		0	
"2014-10-31	19:00:00"	9.37	110.3	8.37	17.1	5.681	110.3	17.04	12.33	62.39	61.81	0.577	35.36	35.68	26.585	31.439		0	
"2014-10-31	20:00:00"	7.236	94.3	5.085	9.35	3.68	92	14.19	6.368	57.24	55.36	1.882	42.84	44	26.557	0.39417		0	
"2014-10-31	21:00:00"	8.58	88.3	6.067	12.33	4.722	90	15.64	8.16	54.72	53.62	1.094	47.6	46.61	26.538	0		0	
"2014-10-31	22:00:00"	9.73	86.9	6.296	12.93	5.458	87.4	15.98	8.75	52.78	51.78	1.005	50.94	49.05	26.531	0		0	
"2014-10-31	23:00:00"	10.06	86.5	6.251	14.12	5.6	87.8	16.55	9.35	50.85	49.93	0.92	55.09	52.38	26.53	0		0	
"2014-11-01	00:00:00"	10.01	94.8	7.595	14.72	6.074	93.7	16.49	10.54	49.1	48.18	0.926	57.07	54.14	26.521	0		0	
"2014-11-01	01:00:00"	10.05	99.3	7.988	15.31	6.355	98.5	16.68	11.14	48.47	47.73	0.743	55.99	52.73	26.505	0		0	
"2014-11-01	02:00:00"	10.34	99.5	9.32	15.31	6.629	99.2	17.73	11.74	47.84	47.16	0.675	56.99	53.36	26.482	0		0	
"2014-11-01	03:00:00"	11.36	110.5	8.6	17.1	7.049	110.2	17.41	12.33	47.75	47.05	0.695	57.58	53.99	26.474	0		0	
"2014-11-01	04:00:00"	10.82	116.8	7.449	15.91	6.565	116.6	16.83	11.14	46.82	46.13	0.696	59.24	55.42	26.47	0		0	
"2014-11-01	05:00:00"	11.98	122.6	8.61	18.3	7.216	123.2	16.89	12.93	46.39	45.77	0.622	59.07	55.11	26.453	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-01	06:00:00"	11.41	127.9	7.978	17.7	6.567	127.5	16.67	12.93	45.49	44.93	0.56	60.95	56.5	26.447	0	0		
"2014-11-01	07:00:00"	10.2	126.4	8.02	15.91	6.065	124.8	16.1	12.33	44.58	44.08	0.499	64.27	59.21	26.441	0	0		
"2014-11-01	08:00:00"	7.942	118.3	8.63	13.52	4.74	115.4	17.52	11.14	43.61	42.99	0.623	67.77	62.41	26.438	0.09507	0		
"2014-11-01	09:00:00"	8.99	121.4	8.57	15.91	5.513	118.4	17.65	11.14	43.78	43.44	0.338	69.17	63.28	26.435	42.015	0		
"2014-11-01	10:00:00"	12	134.1	11.54	19.49	7.282	133.4	19.99	14.72	48.21	48.97	-0.759	61.34	55.42	26.453	207.35	0		
"2014-11-01	11:00:00"	15.53	154.6	12.17	23.07	9.3	154.9	20.05	17.1	52.98	54.29	-1.313	53.55	48.53	26.485	384.51	0		
"2014-11-01	12:00:00"	16.45	165	11.87	24.26	10.05	164.2	19.95	17.1	56.86	58.49	-1.636	50.4	45.91	26.496	528.34	0		
"2014-11-01	13:00:00"	15.22	162.4	13.16	25.45	9.36	163.6	20.98	17.7	60.04	61.93	-1.89	47.32	43.51	26.491	627.41	0		
"2014-11-01	14:00:00"	13.34	164.3	14	22.47	8.43	167.7	21.68	17.7	63.34	65.31	-1.968	44.03	41.16	26.486	653.91	0		
"2014-11-01	15:00:00"	14.49	166.2	15.75	21.87	9.08	169.8	22.97	17.1	65.82	67.71	-1.891	42.6	40.36	26.462	620.29	0		
"2014-11-01	16:00:00"	13.92	166	14.09	21.28	8.7	170.2	21.69	15.91	68.05	69.67	-1.612	41.76	40.28	26.448	520.4	0		
"2014-11-01	17:00:00"	14.23	162.4	11.4	20.68	8.45	166	18.84	15.31	68.33	69.29	-0.967	42.84	42.04	26.434	285.9	0		
"2014-11-01	18:00:00"	14.08	149.7	9.63	20.68	8.27	152.7	18.24	15.91	67.18	67.42	-0.244	44.13	43.78	26.418	126.88	0		
"2014-11-01	19:00:00"	13.69	153.8	10.54	20.68	7.857	154.5	18.26	13.52	65.31	65.07	0.246	45.9	45.48	26.403	31.442	0		
"2014-11-01	20:00:00"	13.73	155.2	8.48	20.68	7.92	154.8	17.73	15.91	63.31	62.77	0.536	48.01	47.37	26.394	0.18741	0		
"2014-11-01	21:00:00"	14.07	149.4	9	27.24	8.06	149.6	17.27	17.7	61.03	60.53	0.507	50.05	48.79	26.385	0	0		
"2014-11-01	22:00:00"	14.4	156.1	11.08	23.66	8.3	158.7	19.19	16.51	59.26	58.89	0.377	52.08	50.1	26.38	0	0		
"2014-11-01	23:00:00"	11.15	160.8	10.74	17.1	6.504	165.2	18.83	14.12	57.78	57.41	0.377	56.27	53.58	26.383	0	0		
"2014-11-02	00:00:00"	11.09	166.9	9.83	17.1	6.422	170.8	17.96	11.74	56.16	55.69	0.47	63.02	59.5	26.379	0	0		
"2014-11-02	01:00:00"	10.74	169.7	8.6	17.1	6.182	173.6	17.71	12.33	55.16	54.7	0.463	67.24	63.22	26.367	0	0		
"2014-11-02	02:00:00"	12.14	167.2	9.61	18.89	7.001	170.6	17.87	14.12	54.65	54.32	0.329	68.81	64.38	26.353	0	0		
"2014-11-02	03:00:00"	12.2	168.2	9.17	20.68	7.121	172.5	18.08	12.93	54.27	54.04	0.238	70.58	65.69	26.337	0	0		
"2014-11-02	04:00:00"	11.96	173.6	16.81	18.89	7.102	177.9	22.76	12.33	54.53	54.35	0.179	71.27	66.3	26.318	0	0		
"2014-11-02	05:00:00"	8.96	178.3	13.79	15.91	5.319	180.9	20.26	11.74	54.84	54.65	0.188	70.86	66.21	26.321	0	0		
"2014-11-02	06:00:00"	9.13	172.5	9.72	13.52	5.274	174.6	18.16	9.95	54.35	53.91	0.442	72.62	68.81	26.311	0	0		
"2014-11-02	07:00:00"	8.19	167.8	10.11	12.93	4.754	169.4	18.95	9.35	54.4	54.08	0.324	71.6	67.16	26.317	0	0		
"2014-11-02	08:00:00"	7.596	157.7	10.64	11.74	4.261	156.3	18.86	9.35	53.93	53.47	0.459	73.2	68.64	26.318	0	0		
"2014-11-02	09:00:00"	7.61	164.4	11.74	14.72	4.263	163.5	20.34	9.95	52.98	52.48	0.503	75.52	70.65	26.317	21.781	0		
"2014-11-02	10:00:00"	11.33	167.5	10.94	18.89	6.809	168.3	18.94	13.52	54.61	54.72	-0.116	74.03	68.38	26.335	108.22	0		
"2014-11-02	11:00:00"	13.21	166.3	10.07	20.68	7.933	166	18.5	16.51	56.86	57.42	-0.562	71.56	65.84	26.358	193.45	0		
"2014-11-02	12:00:00"	12.94	166.3	10.73	19.49	7.763	167	18.31	15.31	58.71	59.34	-0.63	68.82	63.75	26.37	183.83	0		
"2014-11-02	13:00:00"	12.21	164.5	10.96	17.7	7.277	166.5	18.79	13.52	60.1	60.75	-0.652	66.61	62.05	26.373	199.66	0		
"2014-11-02	14:00:00"	12.71	169.4	11.32	19.49	7.688	172.7	19.63	15.31	61.27	62.06	-0.788	64.19	59.85	26.361	238.06	0		
"2014-11-02	15:00:00"	14.03	165.4	11.29	20.68	8.6	170.5	19.44	15.31	63.19	64.19	-1.001	59.87	56.1	26.336	303.8	0		
"2014-11-02	16:00:00"	14.07	164.4	12.93	20.68	8.4	167.9	20.06	14.12	65.11	66.2	-1.087	55.66	52.63	26.325	332.07	0		
"2014-11-02	17:00:00"	15.69	159.3	10.06	23.07	9.56	162.9	19.27	16.51	66.68	67.88	-1.2	52.37	49.78	26.319	385.44	0		
"2014-11-02	18:00:00"	15.09	156.2	10.47	21.87	8.81	159.1	18.94	15.91	66.4	66.47	-0.072	52.63	51.47	26.313	86.35	0		
"2014-11-02	19:00:00"	15.34	157	9.52	24.86	8.89	159.4	18.02	15.91	66.14	66	0.133	52.88	51.81	26.301	37.585	0		
"2014-11-02	20:00:00"	14.14	153.1	9.89	24.86	8.08	154.7	18.45	15.91	63.04	62.48	0.559	61.74	59.65	26.298	0.31767	0		
"2014-11-02	21:00:00"	13.88	155.5	8.93	21.28	7.956	157.2	18.07	14.72	60.18	59.61	0.569	71.29	67.77	26.296	0	0		
"2014-11-02	22:00:00"	15.14	155.9	8.48	22.47	8.77	156.7	17.86	16.51	58.58	58.09	0.485	77.58	72.99	26.291	0	0		
"2014-11-02	23:00:00"	14.64	165.1	8.65	22.47	8.34	167.7	17.95	14.72	57.83	57.33	0.496	81.1	76.13	26.294	0	0		
"2014-11-03	00:00:00"	13.29	167.5	8.88	21.28	7.474	169.2	18.02	16.51	57.27	56.72	0.554	83.2	78.12	26.29	0	0		
"2014-11-03	01:00:00"	14.63	167.4	9.19	23.07	8.44	169.5	17.67	15.91	57.03	56.52	0.505	85.3	79.87	26.276	0	0		
"2014-11-03	01:00:00"	10.97	188.1	17.39	20.09	6.717	191.2	21.04	12.93	56.96	56.57	0.398	86.9	81.2	26.28	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-03	02:00:00"	10.33	181.8	9.64	17.7	6.083	184.7	17.84	12.33	57.11	56.76	0.358	87.2	81.4	26.279	0	0		
"2014-11-03	03:00:00"	9.67	162.5	11.63	17.7	5.476	163.2	19.67	11.14	55.95	55.39	0.564	90.4	84.4	26.263	0	0		
"2014-11-03	04:00:00"	8.24	167.1	10.18	15.91	4.585	169.7	19.52	11.74	55.41	54.92	0.488	92.7	86.1	26.257	0	0		
"2014-11-03	05:00:00"	8.09	167.2	9.95	13.52	4.621	170	18.98	9.35	55.66	55.3	0.364	93.4	87.3	26.254	0	0		
"2014-11-03	06:00:00"	8.91	159.3	8.89	14.72	5.257	161.6	17.78	11.14	56.18	55.81	0.376	92.8	86.6	26.254	0	0		
"2014-11-03	07:00:00"	6.183	167.7	9.47	9.95	3.388	169.8	19.07	8.16	55.53	54.99	0.542	94.3	87.4	26.265	0	0		
"2014-11-03	08:00:00"	7.048	164.3	9.96	11.74	4.072	165.5	19.07	8.75	55.95	55.75	0.2	94.9	88.4	26.267	15.467	0		
"2014-11-03	09:00:00"	9.88	182.6	10.59	15.91	6.205	188.1	17.53	11.14	57.55	57.59	-0.046	91.6	85.6	26.3	59.281	0		
"2014-11-03	10:00:00"	12.53	181.4	10.4	20.09	7.737	185.2	18.48	15.31	59.76	60.27	-0.506	85.7	79.53	26.326	178.86	0		
"2014-11-03	11:00:00"	12.89	185.2	10.64	17.7	8.11	189.8	18.19	14.12	62.6	63.62	-1.019	78.1	72.06	26.341	283.19	0		
"2014-11-03	12:00:00"	12.19	181.9	12.65	18.3	7.792	184.9	19.41	14.12	64.6	65.48	-0.882	72.7	67.84	26.348	277.38	0		
"2014-11-03	13:00:00"	11.58	179.5	13.25	17.7	7.198	182.1	20.6	13.52	66.36	67.31	-0.952	68.42	64.34	26.34	292.71	0		
"2014-11-03	14:00:00"	10.76	186.7	13.8	17.1	7.046	189.8	20.62	12.33	68.21	69.41	-1.202	63.19	59.58	26.319	387.36	0		
"2014-11-03	15:00:00"	11.39	167.9	13.16	17.1	7.217	170.2	20.67	12.93	70.36	71.6	-1.242	57.42	55.09	26.309	372.58	0		
"2014-11-03	16:00:00"	11.46	166.8	10.83	17.7	6.961	168.9	19.38	12.93	70.2	70.83	-0.637	57.18	55.49	26.304	209.59	0		
"2014-11-03	17:00:00"	10.51	164.8	10.16	17.1	6.17	165.5	18.27	11.14	69.1	69.2	-0.095	58.68	57.36	26.294	94.374	0		
"2014-11-03	18:00:00"	9.05	157.9	8.31	16.51	5.223	158.8	17.89	10.54	68.31	67.91	0.396	60.59	59.59	26.281	20.862	0		
"2014-11-03	19:00:00"	6.548	153.4	11.14	14.12	3.531	152	20.6	11.14	66.64	66	0.649	66.56	64.96	26.285	0.06681	0		
"2014-11-03	20:00:00"	5.918	215.9	41.99	14.12	3.739	232.3	56.78	9.35	64.94	64.4	0.534	74.84	72.42	26.31	0	0		
"2014-11-03	21:00:00"	5.268	343.1	44.55	9.95	3.47	357.6	30.23	8.75	63.03	62.31	0.717	80.2	78.55	26.311	0	0		
"2014-11-03	22:00:00"	12.61	8.07	56.66	36.78	9.38	2.744	62.19	30.22	59.52	59.43	0.09	85.4	80.3	26.318	0	0.28		
"2014-11-03	23:00:00"	9.08	22.55	27.26	22.47	5.96	19.03	28.96	17.7	54.8	54.75	0.05	94.2	86.9	26.329	0	0.18		
"2014-11-04	00:00:00"	8.59	61.6	16.38	14.12	5.003	58.37	24.63	9.95	55.43	55.34	0.093	95.3	88.3	26.308	0	0		
"2014-11-04	01:00:00"	12.57	85.9	11.66	20.09	7.881	82.6	19.75	14.72	55.76	55.67	0.087	95.4	88.3	26.287	0	0.01		
"2014-11-04	02:00:00"	10.49	93	8.38	17.1	6.711	89.2	17.97	12.33	55.79	55.64	0.147	95.3	88.3	26.286	0	0		
"2014-11-04	03:00:00"	9.9	88.8	9.82	15.31	6.17	84.9	18.94	11.74	55.64	55.53	0.111	95.2	88.3	26.287	0	0		
"2014-11-04	04:00:00"	10.92	82.4	8.93	19.49	6.546	77.3	19.21	12.93	55.92	55.78	0.136	94.1	88	26.285	0	0		
"2014-11-04	05:00:00"	11.35	89.4	7.897	16.51	7.152	86.5	17.24	12.93	55.72	55.64	0.078	93.6	87.1	26.279	0	0		
"2014-11-04	06:00:00"	9.5	72.76	39.57	20.68	6.209	67.65	42.65	16.51	55.67	55.63	0.045	93.8	87.3	26.297	0	0.01		
"2014-11-04	07:00:00"	14.7	26.41	15.39	30.82	9.53	22.18	17.16	22.47	54.7	54.69	0.018	93.2	86.6	26.341	0	0.16		
"2014-11-04	08:00:00"	22.11	40.2	10.07	35.59	11.92	34.04	12.81	27.24	48.37	48.47	-0.104	93.7	85.9	26.336	3.2355	0.05		
"2014-11-04	09:00:00"	21.18	26.63	11.81	33.8	13.29	24.68	13.71	26.05	46.3	46.35	-0.05	92.8	84.9	26.364	6.4653	0.27		
"2014-11-04	10:00:00"	21.46	34.43	10.58	32.61	11.85	31.94	13.28	24.26	44.46	44.54	-0.08	94.2	85.6	26.379	12.216	0.19		
"2014-11-04	11:00:00"	22.76	41.88	13.26	34.4	12.73	38.19	15.94	23.66	43.68	43.75	-0.072	93.4	85.3	26.37	87.182	0.07		
"2014-11-04	12:00:00"	18.09	32.47	10.17	29.03	10.11	30.85	12.59	23.66	44.97	45.16	-0.189	91.3	83.6	26.399	132.19	0		
"2014-11-04	13:00:00"	17.01	38.78	10.39	25.45	9.22	35.67	13.6	16.51	45.94	46.2	-0.265	91.2	83.4	26.402	122.33	0		
"2014-11-04	14:00:00"	15.71	32.21	10.41	23.66	9.19	29.57	13.32	18.3	46.18	46.43	-0.249	93.1	84.6	26.4	61.01	0		
"2014-11-04	15:00:00"	14.43	37.79	12.51	25.45	8.24	34.47	15.39	17.1	46.12	46.36	-0.241	95.2	86.3	26.397	44.018	0.02		
"2014-11-04	16:00:00"	12.72	29.11	18.66	24.26	8.03	25.61	23.28	17.7	45.89	46.05	-0.16	94.4	85.9	26.419	34.631	0.1		
"2014-11-04	17:00:00"	14.6	38.06	9.84	21.87	8.08	33.15	12.86	18.89	45.12	45.32	-0.198	95	86.1	26.417	31.012	0.01		
"2014-11-04	18:00:00"	12.14	29.04	11.39	20.68	7.801	25.63	13.69	14.12	44.91	45.06	-0.154	94.8	85.9	26.426	7.408	0		
"2014-11-04	19:00:00"	11.65	25.59	13.76	18.3	7.664	22.27	15.09	15.91	44.69	44.81	-0.117	93.9	85.3	26.44	0.02881	0.01		
"2014-11-04	20:00:00"	11.2	26.71	12.54	18.3	7.246	22.8	15.04	14.12	44.75	44.74	0.009	89.6	82.4	26.465	0	0		
"2014-11-04	21:00:00"	8.98	31.95	11.17	14.12	5.388	28.65	13.05	11.14	45.23	45.19	0.042	87.6	80.6	26.468	0	0		
"2014-11-04	22:00:00"	8.87	33.98	10.23	12.93	5.209	30.07	13.44	10.54	45.27	45.25	0.02	87.3	80.2	26.464	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-04	23:00:00"	7.874	34.17	14.97	12.93	4.877	30.23	17.71	8.16	45.42	45.4	0.02	87	79.97	26.46	0	0		
"2014-11-05	00:00:00"	7.813	8.27	17.2	13.52	5.554	6.443	20.24	11.74	45.36	45.34	0.021	83.9	77.7	26.457	0	0		
"2014-11-05	01:00:00"	7.896	35.16	11.69	12.33	4.497	32.59	14.22	8.75	45.48	45.4	0.08	80.3	74.56	26.449	0	0		
"2014-11-05	02:00:00"	8.88	41.51	11.95	12.93	4.96	38.85	15.6	9.35	45.22	45.2	0.024	82.5	76.07	26.437	0	0		
"2014-11-05	03:00:00"	7.652	35	17.25	12.93	4.704	33.7	20.15	10.54	44.94	44.98	-0.039	83.8	76.93	26.438	0	0		
"2014-11-05	04:00:00"	6.826	59.02	12.9	10.54	4.176	56.97	19.26	8.75	44.19	44.24	-0.049	88.3	80.9	26.405	0	0		
"2014-11-05	05:00:00"	6.007	64.25	10.42	9.95	3.774	62.88	18.44	6.964	44.11	44.16	-0.054	89.1	81.6	26.395	0	0		
"2014-11-05	06:00:00"	3.679	43.26	19.69	6.368	2.391	33.91	29.42	5.175	44.37	44.34	0.033	88.4	81.1	26.418	0	0		
"2014-11-05	07:00:00"	3.973	19.98	14.75	6.964	2.824	10.54	21.61	5.175	45.21	45.15	0.058	83	76.58	26.428	0	0		
"2014-11-05	08:00:00"	4.386	27.3	23.21	7.561	3.025	26.4	24.68	6.368	45.54	45.53	0.009	83.3	76.63	26.441	7.1104	0		
"2014-11-05	09:00:00"	5.883	30.64	24.59	9.35	3.803	30.06	26.75	6.964	46.42	46.54	-0.116	80	74.15	26.453	63.223	0		
"2014-11-05	10:00:00"	2.843	34.21	28.75	7.561	2.121	20.21	47.85	6.368	48.52	48.83	-0.307	74.61	69.56	26.481	161.26	0		
"2014-11-05	11:00:00"	4.055	37.75	33.69	7.561	2.916	33.21	41.24	6.964	51.23	51.97	-0.736	73.34	68.2	26.477	293.53	0		
"2014-11-05	12:00:00"	4.31	351.2	33.24	8.16	3.387	350.3	37.49	7.561	53.06	53.65	-0.587	72.41	67.94	26.49	296.64	0		
"2014-11-05	13:00:00"	5.802	316.1	16.53	9.35	4.854	317.3	20.45	8.16	54.14	54.66	-0.523	69.52	65.54	26.484	306.14	0		
"2014-11-05	14:00:00"	6.606	331.5	26.44	10.54	5.322	331	27.83	10.54	55.9	56.51	-0.612	60.78	58.69	26.473	378.8	0		
"2014-11-05	15:00:00"	7.869	3.54	18.59	13.52	6.042	2.631	20.46	10.54	56.98	57.87	-0.894	52.47	51.66	26.468	356.8	0		
"2014-11-05	16:00:00"	8.51	11.75	13.74	13.52	6.21	11.59	16.61	12.33	57.12	57.63	-0.516	53.16	52.01	26.465	207.89	0		
"2014-11-05	17:00:00"	7.893	21.24	14.59	11.74	5.308	21.03	16.66	10.54	57.61	58.08	-0.471	54.23	52.91	26.473	167.39	0		
"2014-11-05	18:00:00"	5.985	20.89	10.38	9.95	4.16	21.38	12.29	8.16	56.3	56.16	0.14	58.07	56.31	26.485	25.081	0		
"2014-11-05	19:00:00"	3.987	37.04	14.85	6.964	2.069	36.65	24.04	4.578	54.3	53.63	0.672	66.16	64.82	26.493	0.15827	0		
"2014-11-05	20:00:00"	2.962	66.67	12.78	4.578	1.491	83.7	24.7	2.789	52.41	51.07	1.339	73.85	74.31	26.496	0	0		
"2014-11-05	21:00:00"	2.311	43.53	18.58	3.982	1.324	26.37	36.67	2.789	52.07	50.64	1.434	73.95	75.36	26.496	0	0		
"2014-11-05	22:00:00"	1.464	25.31	24.22	4.578	1.14	261	66.39	2.193	51.06	48.67	2.391	75.11	81.8	26.506	0	0		
"2014-11-05	23:00:00"	2.631	303.5	29.91	4.578	1.342	341.7	51.7	2.789	49.76	47.5	2.256	83.7	84.5	26.513	0	0		
"2014-11-06	00:00:00"	4.973	326.3	6.575	7.561	2.185	335.5	29.89	4.578	50.42	47.23	3.198	77.18	81.7	26.505	0	0		
"2014-11-06	01:00:00"	6.631	327.9	4.515	8.75	3.928	328.2	9.13	6.964	49.39	47.78	1.605	78.6	78.08	26.508	0	0		
"2014-11-06	02:00:00"	6.695	328.4	9.47	11.14	4.092	324.1	14.65	8.75	49.54	48.42	1.122	76.21	75.03	26.519	0	0		
"2014-11-06	03:00:00"	5.874	345.2	12.06	10.54	3.797	346.5	18.09	8.16	49.86	49.29	0.565	73.05	70.5	26.53	0	0		
"2014-11-06	04:00:00"	4.476	344.4	26.71	7.561	2.752	351.4	39.27	5.771	49.54	49	0.547	74.98	72.02	26.545	0	0		
"2014-11-06	05:00:00"	8.05	344.2	14.96	12.33	5.801	344.2	15.33	9.95	48.87	48.56	0.314	77.53	73.15	26.546	0	0		
"2014-11-06	06:00:00"	8.64	4.669	13.85	13.52	6.133	4.385	15.28	11.74	48.71	48.45	0.258	71.93	67.93	26.558	0	0		
"2014-11-06	07:00:00"	10.41	18.12	9.04	15.91	7.32	19.69	11.3	11.74	49.03	48.81	0.226	66.3	62.65	26.562	0	0		
"2014-11-06	08:00:00"	11.42	22.61	8.28	15.91	7.659	21.76	11.23	13.52	48.69	48.53	0.16	65.74	61.96	26.576	11.462	0		
"2014-11-06	09:00:00"	10.57	24.99	9.1	15.31	6.558	24.48	11.69	12.33	49.09	48.99	0.103	63.18	59.84	26.592	54.838	0		
"2014-11-06	10:00:00"	10.06	34.41	10.09	15.91	5.605	31.86	12.48	11.74	51.59	51.66	-0.073	57.08	54.94	26.619	152.33	0		
"2014-11-06	11:00:00"	8.14	48.26	12.52	12.33	4.563	44.06	17.34	8.16	55.52	56.15	-0.633	47.55	47.23	26.651	273.7	0		
"2014-11-06	12:00:00"	8.24	71.59	12.65	12.33	5.287	66.22	21.1	10.54	59.61	60.73	-1.116	33.01	34.24	26.672	410.36	0		
"2014-11-06	13:00:00"	8.19	84	16.85	12.93	5.527	83.5	24.9	9.95	61.75	62.8	-1.048	28.76	29.87	26.674	372.79	0		
"2014-11-06	14:00:00"	8.51	90.8	19.09	15.91	5.762	89.8	27.14	12.33	63.12	64.18	-1.063	29.27	30.31	26.661	406.35	0		
"2014-11-06	15:00:00"	6.72	110.4	25.47	15.31	4.666	109.8	33.83	14.12	64.09	65.18	-1.091	29.79	30.62	26.656	431.78	0		
"2014-11-06	16:00:00"	7.473	90.5	13.25	14.72	5.075	89.9	21.68	11.14	63.52	64.16	-0.637	30.98	32.47	26.651	245.07	0		
"2014-11-06	17:00:00"	4.797	119.1	12.43	8.16	2.922	120	19.46	5.771	61.81	61.67	0.136	37.22	39.9	26.634	89.737	0		
"2014-11-06	18:00:00"	5.488	136.6	7.133	7.561	2.209	132.1	14.35	4.578	59.26	57.19	2.068	44.65	52.88	26.625	14.556	0		
"2014-11-06	19:00:00"	2.982	214.5	18.29	6.368	1.282	176.9	33.83	3.386	55.95	52.96	2.985	55.87	63.42	26.614	0.19003	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-06	20:00:00"	3.233	236.2	6.018	4.578	1.349	312.4	31.9	2.193	54.07	49.94	4.133	62.04	69.96	26.599	0	0		
"2014-11-06	21:00:00"	3.68	294	49.32	9.35	1.925	314.4	90.5	6.368	52.96	50.33	2.639	62.98	69	26.582	0	0		
"2014-11-06	22:00:00"	1.318	325.6	0.336	3.386	1.682	129.4	48.68	2.789	51.12	48.12	2.993	66.92	75.7	26.571	0	0		
"2014-11-06	23:00:00"	1.866	328.2	9.04	5.175	1.376	54.02	46.5	2.789	49.66	45.84	3.827	68.8	79.97	26.552	0	0		
"2014-11-07	00:00:00"	2.921	319.1	10.9	4.578	1.151	93.7	77.08	2.193	49.78	44.71	5.068	64.11	77.39	26.535	0	0		
"2014-11-07	01:00:00"	3.728	313.3	12.7	6.368	1.438	269.8	63.83	2.789	47.54	43.79	3.75	71.53	78.97	26.519	0	0		
"2014-11-07	02:00:00"	5.845	319.3	6.761	8.16	2.666	312.5	21.33	4.578	48.67	45.06	3.611	64.96	72.75	26.511	0	0		
"2014-11-07	03:00:00"	6.262	321.1	9.03	8.75	3.277	315.9	22.05	5.175	49.28	46.13	3.154	60.44	65.61	26.495	0	0		
"2014-11-07	04:00:00"	4.625	301.8	30.36	8.16	2.473	294.7	63.17	5.771	46.8	43.71	3.089	66.93	70.21	26.474	0	0		
"2014-11-07	05:00:00"	3.902	298.9	17.18	5.771	1.715	242.8	43.52	2.789	45.28	41.38	3.9	70.37	74.57	26.444	0	0		
"2014-11-07	06:00:00"	4.069	305.1	21.28	5.771	1.829	295.5	37.96	3.982	44.87	41.53	3.339	72.68	74.63	26.427	0	0		
"2014-11-07	07:00:00"	3.415	313.2	16.4	6.964	1.75	236.5	97.3	3.982	44.12	40.79	3.33	74.94	75.83	26.413	0	0		
"2014-11-07	08:00:00"	1.302	333.8	5.917	2.789	1.497	83.9	23.3	2.789	45.04	41.29	3.753	73.32	77.37	26.402	34.872	0		
"2014-11-07	09:00:00"	2.18	270.7	27.05	4.578	1.755	252.8	35.45	3.982	50.81	51.1	-0.297	64.84	63.29	26.434	201.92	0		
"2014-11-07	10:00:00"	6.883	221.1	15.2	15.31	5.09	223.2	17.6	11.74	54.92	55.6	-0.685	58.59	55.97	26.473	381.16	0		
"2014-11-07	11:00:00"	13.24	213.5	11.01	20.68	8.98	215.8	14.34	16.51	57.16	58.18	-1.016	50.42	48.81	26.493	525.93	0		
"2014-11-07	12:00:00"	15.54	206.7	10.96	23.07	10.47	209.9	15.27	16.51	57.94	59.17	-1.226	49.21	47.42	26.48	619.95	0		
"2014-11-07	13:00:00"	14.72	207.9	11.62	21.87	9.92	211.9	15.28	17.1	59.13	60.48	-1.348	51.8	49.55	26.439	657.88	0		
"2014-11-07	14:00:00"	14.54	204	13.52	21.87	9.74	207.5	16.24	16.51	60.57	61.97	-1.4	51.75	49.51	26.392	636.96	0		
"2014-11-07	15:00:00"	15.04	215.1	12.53	23.07	10.21	217.4	15.33	17.1	62.09	63.23	-1.133	50.75	49.24	26.374	556.35	0		
"2014-11-07	16:00:00"	14.64	210.8	12.66	20.09	9.76	212.9	15.89	16.51	63.24	64.15	-0.915	49.35	48.25	26.355	421.54	0		
"2014-11-07	17:00:00"	14.16	204.7	10.82	20.68	9.16	207.7	14.89	15.91	63.24	63.9	-0.66	52.93	51.32	26.338	246.95	0		
"2014-11-07	18:00:00"	10.7	196	8.34	20.09	6.52	200.2	14.38	14.72	61.48	61.14	0.337	59.98	58.56	26.312	64.149	0		
"2014-11-07	19:00:00"	7.227	189.1	6.178	8.75	3.072	186.9	14.48	5.175	56.81	54.37	2.433	71.72	71.97	26.283	0.37402	0		
"2014-11-07	20:00:00"	7.62	187.1	6.206	11.14	3.295	187.6	13.8	6.368	53.91	51.36	2.548	79.45	79	26.257	0	0		
"2014-11-07	21:00:00"	8	193.6	7.199	11.74	4.245	197.4	14.17	8.16	53.99	52.46	1.529	79.94	77.79	26.251	0	0		
"2014-11-07	22:00:00"	7.2	195.8	7.269	11.74	3.799	200	13.97	6.964	53.04	51.6	1.437	83.1	79.71	26.251	0	0		
"2014-11-07	23:00:00"	7.537	195.7	7.113	9.95	4.092	200.3	13.8	6.964	51.91	50.72	1.198	87.9	83.1	26.246	0	0		
"2014-11-08	00:00:00"	5.879	205.9	7.814	9.35	2.845	212.6	12.93	6.964	50.76	49.4	1.36	91	85.4	26.244	0	0		
"2014-11-08	01:00:00"	4.54	248.1	15.76	6.964	1.825	281.4	30.68	3.386	48.94	46.75	2.19	94.7	87.1	26.241	0	0		
"2014-11-08	02:00:00"	4.625	275.2	14.98	6.368	2.34	309.5	10.69	3.982	48.71	46	2.712	96.2	88.4	26.24	0	0		
"2014-11-08	03:00:00"	7.486	323.3	15.35	11.74	4.477	322.8	15.92	8.75	49.01	46.65	2.355	91.9	88.2	26.255	0	0		
"2014-11-08	04:00:00"	16.63	15.52	12.26	32.01	11.85	14.05	14.4	26.05	50.25	49.42	0.83	81.5	77.85	26.278	0	0		
"2014-11-08	05:00:00"	22.54	24.35	9.45	32.01	15.09	21.5	12.63	26.05	51.76	51.31	0.449	67.96	64.89	26.324	0	0		
"2014-11-08	06:00:00"	21.01	26.6	9.32	32.01	12.95	24.85	12.48	23.66	52.29	51.87	0.427	61.15	58.52	26.373	0	0		
"2014-11-08	07:00:00"	21.61	24.44	9.57	33.21	14.12	22.96	12.52	27.24	51.98	51.6	0.381	60.27	57.45	26.421	0	0		
"2014-11-08	08:00:00"	21.8	23.85	9.05	31.42	14.91	21.14	12.48	26.65	50.79	50.5	0.288	62.61	59.17	26.46	32.218	0		
"2014-11-08	09:00:00"	22.13	27.62	9.86	34.4	13.71	25.42	12.81	29.63	52.3	52.37	-0.065	59.07	56.03	26.498	197.08	0		
"2014-11-08	10:00:00"	22.11	39.33	10.36	32.61	11.76	35.01	13.17	25.45	54.92	55.24	-0.329	53.51	51.35	26.535	379.24	0		
"2014-11-08	11:00:00"	19.31	47.89	11.7	32.61	10.59	42.65	15.95	21.87	57.41	58.18	-0.771	48.86	47.38	26.561	526.78	0		
"2014-11-08	12:00:00"	18.36	48.97	13.52	30.22	10.43	43.91	17.62	20.68	59.42	60.44	-1.019	45.24	44.34	26.586	622.22	0		
"2014-11-08	13:00:00"	15.38	44.59	14.1	24.86	8.8	39.44	17.72	18.3	61.04	62.19	-1.15	42.43	42.12	26.593	657.61	0		
"2014-11-08	14:00:00"	12.83	46.76	15.45	21.87	7.592	41.32	18.96	14.72	62.01	63.33	-1.321	42.16	41.76	26.582	633.4	0		
"2014-11-08	15:00:00"	11.83	42.13	18.25	20.09	7.408	37.43	22.02	16.51	62.56	63.87	-1.318	42.46	41.99	26.572	551.26	0		
"2014-11-08	16:00:00"	8.7	41.12	19.65	14.72	5.676	35.54	23.58	11.74	63.16	64.21	-1.05	41.83	41.72	26.565	416.11	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-08	17:00:00"	6.787	50.12	17.45	12.93	4.152	44.49	22.22	8.75	63.48	64.57	-1.087	41.17	41.3	26.563	242.57	0		
"2014-11-08	18:00:00"	4.833	40.66	17.23	9.95	2.715	40.73	19.47	6.368	61.92	61.72	0.194	43.92	44.99	26.552	60.9	0		
"2014-11-08	19:00:00"	2.997	56.22	19.21	4.578	2.162	63.93	19.24	3.386	58.41	55.46	2.949	50.64	57.78	26.524	0.32771	0		
"2014-11-08	20:00:00"	3.141	117.9	16.96	4.578	2.332	77.4	20.35	3.982	55.48	50.37	5.117	56.18	67.77	26.493	0	0		
"2014-11-08	21:00:00"	1.968	203.2	66.12	6.368	1.353	304.1	76.53	4.578	53.02	48.19	4.83	62.17	72.08	26.484	0	0		
"2014-11-08	22:00:00"	2.035	241.5	10.59	3.982	1.218	137.8	72.4	2.789	50.28	46.4	3.887	71.62	75.29	26.466	0	0		
"2014-11-08	23:00:00"	2.069	229.3	14.41	3.982	1.614	89.3	10.09	3.982	49.19	45.18	4.004	75.93	77.24	26.453	0	0		
"2014-11-09	00:00:00"	3.337	253.3	5.876	3.982	1.192	315.3	33.26	2.193	48.1	44.38	3.723	79.37	79.3	26.435	0	0		
"2014-11-09	01:00:00"	4.056	240.6	7.048	5.175	1.347	271.6	21.63	2.193	46.88	43.24	3.637	81.3	81.5	26.412	0	0		
"2014-11-09	02:00:00"	4.819	239.5	8.72	6.368	1.699	260.9	19.81	3.982	46.27	42.55	3.714	79.93	82.1	26.39	0	0		
"2014-11-09	03:00:00"	6.908	241.2	11.7	9.35	3.281	245.3	20.39	5.175	46.05	43	3.053	79.41	79.47	26.375	0	0		
"2014-11-09	04:00:00"	4.25	221.4	9.67	9.35	1.545	245.6	51.69	6.368	44.72	41.52	3.204	82.8	81.3	26.347	0	0		
"2014-11-09	05:00:00"	3.716	230.7	11.93	5.771	1.276	271.4	59.22	2.789	43.97	40.87	3.096	84.2	83	26.322	0	0		
"2014-11-09	06:00:00"	5.456	223.5	15.2	8.75	2.205	225.4	28.28	4.578	43.64	40.65	2.989	84.6	82.7	26.315	0	0		
"2014-11-09	07:00:00"	7.171	212.6	6.188	11.14	3.288	215	12.16	6.964	44.2	41.6	2.6	83.3	82.2	26.312	0	0		
"2014-11-09	08:00:00"	8.67	221.3	8.23	11.74	5.076	222.9	11.66	8.16	44.5	43.26	1.235	84.2	80.1	26.312	36.389	0		
"2014-11-09	09:00:00"	7.381	240.4	12.23	12.33	5.476	239	16.26	9.95	47.71	47.83	-0.128	82.4	76.31	26.328	206.85	0		
"2014-11-09	10:00:00"	11.35	238.7	9.15	17.1	8.68	236.6	12.34	14.12	56.16	56.21	-0.048	64.88	62.72	26.355	392.02	0		
"2014-11-09	11:00:00"	13.62	238.5	10.36	21.28	10.46	237.5	13.62	18.3	61.57	61.84	-0.269	50.97	50.78	26.372	543.13	0		
"2014-11-09	12:00:00"	16.45	233.9	10.56	22.47	12.08	233.3	13.92	18.89	65.18	65.57	-0.395	42.13	43.37	26.368	640.57	0		
"2014-11-09	13:00:00"	16.44	229.6	11.71	26.05	11.84	229.5	14.01	21.87	67.87	68.42	-0.55	38.43	40	26.345	677.69	0		
"2014-11-09	14:00:00"	18.56	228.2	11.75	27.84	12.88	227.8	14.18	21.28	70.57	71.17	-0.601	30.41	32.08	26.317	654.99	0		
"2014-11-09	15:00:00"	18.26	230.7	10.71	26.65	12.81	229.9	13.67	22.47	72.11	72.45	-0.344	26.18	27.78	26.297	571.19	0		
"2014-11-09	16:00:00"	19.19	231.4	9.75	28.43	13.63	230.9	12.87	22.47	72.1	72.21	-0.109	24.84	26.23	26.276	432.22	0		
"2014-11-09	17:00:00"	16.6	227.9	8.35	24.26	11.4	227.7	12.06	19.49	71.23	71.16	0.069	25.94	27.23	26.254	250.22	0		
"2014-11-09	18:00:00"	11.75	219.3	9.84	21.87	7.441	220.3	12.77	16.51	68.41	67.66	0.747	32.15	33.96	26.226	68.304	0		
"2014-11-09	19:00:00"	7.708	215.7	7.275	11.74	3.953	216.4	12.45	6.964	61.91	59.75	2.165	42.38	45.82	26.192	0.50199	0		
"2014-11-09	20:00:00"	7.036	211.1	11.07	12.93	3.155	214.6	21.11	7.561	58.03	54.55	3.473	49.75	54.39	26.152	0	0		
"2014-11-09	21:00:00"	10.76	213	15.13	17.7	6.418	214.5	18.89	12.93	58.01	56.42	1.589	50.64	51.83	26.131	0	0		
"2014-11-09	22:00:00"	10.78	219.7	8.53	17.1	6.759	221.5	12.5	11.74	57.51	56.37	1.134	55.3	54.86	26.132	0	0		
"2014-11-09	23:00:00"	10.53	214.1	9.83	15.31	6.197	216.6	13.51	9.95	55.81	54.45	1.363	61.1	60.33	26.113	0	0		
"2014-11-10	00:00:00"	10.42	214.3	7.932	15.31	6.235	216	12.49	10.54	55.82	54.62	1.201	62.66	61.38	26.095	0	0		
"2014-11-10	01:00:00"	8.76	233	9.88	14.12	5.301	233.7	12.88	8.75	53.31	51.91	1.399	70.91	68.54	26.081	0	0		
"2014-11-10	02:00:00"	8.86	236.2	7.758	13.52	5.593	237	11.5	9.35	53.51	52.02	1.488	72.94	70.62	26.062	0	0		
"2014-11-10	03:00:00"	6.879	227.9	9.94	9.95	3.612	232.5	10.98	6.368	50.03	48.17	1.863	80.4	77.14	26.04	0	0		
"2014-11-10	04:00:00"	5.53	236.6	9.53	7.561	2.15	247	15.27	2.789	49.39	45.92	3.47	81	80.2	26.017	0	0		
"2014-11-10	05:00:00"	7.03	231.8	9.41	8.75	3.147	239.1	14.77	4.578	48.17	45	3.173	83.2	81.8	26.002	0	0		
"2014-11-10	06:00:00"	7.194	221.8	7.965	10.54	3.421	223.3	12.38	6.368	47.86	45.03	2.825	83.8	82.2	25.992	0	0		
"2014-11-10	07:00:00"	8.03	224.5	11.64	13.52	4.717	225.1	15.48	9.95	47.74	46.48	1.262	85	80.8	25.993	0	0		
"2014-11-10	08:00:00"	5.857	235.1	12.39	9.95	3.005	238.2	22	6.368	47.1	45.83	1.274	86.3	81.5	26	31.23	0		
"2014-11-10	09:00:00"	5.502	214.3	15.65	10.54	3.742	216.3	19.5	8.75	51.74	52.21	-0.473	77.71	72.03	26.027	196.45	0		
"2014-11-10	10:00:00"	9.43	226.6	11.66	17.1	6.551	226.3	14.88	11.74	58.46	59.08	-0.622	64.7	61.36	26.069	377.28	0		
"2014-11-10	11:00:00"	12.7	243.9	11.3	19.49	8.85	241.1	16.04	14.72	67.12	67.53	-0.409	46.11	46.78	26.103	524.87	0		
"2014-11-10	12:00:00"	20.06	260.9	11.55	30.82	14.32	259.2	17.09	23.07	73.12	73.39	-0.273	30.65	33.17	26.117	620.33	0		
"2014-11-10	13:00:00"	20.99	264.5	11.3	33.21	15.61	263.1	16.37	27.24	75.85	76.21	-0.365	25.48	27.59	26.109	654.18	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-10	14:00:00"	21.81	263.4	11.25	33.21	16.29	261.5	15.79	27.24	77.46	77.82	-0.363	21.45	23.05	26.088	627.83	0		
"2014-11-10	15:00:00"	20.64	262.2	11.16	31.42	15.57	259.9	15.67	25.45	77.76	78.05	-0.287	21.11	22.48	26.074	545.71	0		
"2014-11-10	16:00:00"	20.05	253.4	10.42	29.63	15.57	251.5	14.94	24.86	77.63	77.57	0.055	21.2	22.58	26.063	404.14	0		
"2014-11-10	17:00:00"	18.81	250.9	9.68	30.22	14.47	248	13.87	24.86	77.29	76.97	0.327	19	20.19	26.052	242.76	0		
"2014-11-10	18:00:00"	12.83	242.3	10.18	23.66	9.37	239.5	12.94	20.68	74.32	73.31	1.013	21.54	23.39	26.043	58.812	0		
"2014-11-10	19:00:00"	8.74	238.9	10.18	16.51	5.334	242.9	22.35	12.93	68.24	66	2.23	28.61	31.87	26.028	0.26204	0		
"2014-11-10	20:00:00"	7.944	240.8	9.79	11.74	4.054	246.2	16.5	7.561	63.01	59.46	3.549	38.44	44.6	26.007	0	0		
"2014-11-10	21:00:00"	10	267.3	15.85	16.51	6.453	267.6	19.42	12.93	62.33	59.81	2.519	38.09	42.57	26.008	0	0		
"2014-11-10	22:00:00"	9.78	262.3	8.6	18.89	6.345	260.4	13.72	13.52	62.2	60.16	2.04	37.19	40.54	26.033	0	0		
"2014-11-10	23:00:00"	7.156	242.4	16.39	9.95	3.472	245.6	18.53	6.964	59.74	55.88	3.86	40.88	47.06	26.053	0	0		
"2014-11-11	00:00:00"	7.406	265.1	13.89	12.33	3.329	270.2	20.83	7.561	59.35	54.12	5.231	41.13	50.52	26.049	0	0		
"2014-11-11	01:00:00"	23.72	19.38	19.34	42.15	15.38	19.29	18.04	32.01	48.82	48.21	0.612	52.24	49.83	26.111	0	0		
"2014-11-11	02:00:00"	24.46	29.05	9.53	37.98	14.18	27.31	11.92	32.01	41.81	41.81	0	54.95	50.19	26.135	0	0		
"2014-11-11	03:00:00"	20.7	30.97	10.04	35.59	11.86	28.85	12.14	27.84	38.69	38.7	-0.006	56.98	51.51	26.155	0	0		
"2014-11-11	04:00:00"	22.45	25.02	10.12	33.21	14.27	23.83	12.81	26.05	35.74	35.8	-0.057	56.67	50.79	26.163	0	0		
"2014-11-11	05:00:00"	16.51	23.58	10.04	28.43	10.8	22.2	13.21	22.47	33.86	33.89	-0.029	58.31	51.97	26.197	0	0		
"2014-11-11	06:00:00"	15.68	15.68	11.54	24.86	11.23	14.93	13.61	22.47	32.39	32.45	-0.06	59.78	53.12	26.226	0	0		
"2014-11-11	07:00:00"	13.28	13.1	11.88	24.26	9.69	14.27	13.62	19.49	30.83	30.91	-0.072	60.54	53.59	26.268	0	0		
"2014-11-11	08:00:00"	15.37	19.04	11.52	24.86	10.8	18.79	13.22	21.28	29.4	29.56	-0.151	62.54	55.07	26.301	29.181	0		
"2014-11-11	09:00:00"	13.6	18.06	12.71	21.87	9.3	18.94	15.54	17.1	30.61	31.27	-0.657	60.15	53.01	26.335	200.33	0		
"2014-11-11	10:00:00"	15.42	25.17	12.31	23.07	10.04	23.41	14.35	20.09	31.25	32.17	-0.927	57.43	50.34	26.352	390.51	0		
"2014-11-11	11:00:00"	12.79	28.2	13.34	21.28	8.27	25.85	15.69	18.89	33.48	34.67	-1.193	52.57	46.41	26.365	540.06	0		
"2014-11-11	12:00:00"	10.51	38.11	18.27	17.7	6.735	34.49	21.02	14.12	36.46	38.07	-1.607	48.13	42.87	26.369	633.89	0		
"2014-11-11	13:00:00"	8.56	42.21	21.88	14.72	5.782	37.52	26.8	12.93	39.58	41.23	-1.651	45.09	40.73	26.361	669.1	0		
"2014-11-11	14:00:00"	6.714	31.4	26.25	12.93	4.771	27.3	31.7	10.54	42.41	43.88	-1.474	41.91	38.7	26.349	642.02	0		
"2014-11-11	15:00:00"	5.797	65.24	45.55	11.74	4.001	68.3	56.29	9.95	45.09	46.28	-1.187	39.46	36.73	26.341	557.32	0		
"2014-11-11	16:00:00"	5.274	99.4	38.21	11.14	3.813	98.3	48.8	9.95	46.55	47.83	-1.275	38.75	35.81	26.338	418.98	0		
"2014-11-11	17:00:00"	6.263	100.4	22.2	12.33	4.534	97.4	31.02	10.54	45.81	47.11	-1.305	40.22	36.94	26.328	242.31	0		
"2014-11-11	18:00:00"	7.03	113.9	11.89	10.54	4.369	114.1	18.9	8.16	43.39	43.45	-0.052	44.64	42.17	26.318	57.41	0		
"2014-11-11	19:00:00"	6.665	91.4	6.415	9.35	3.182	91.6	13.84	5.175	39.11	37.39	1.722	56.52	56.59	26.293	0.24229	0		
"2014-11-11	20:00:00"	7.661	88.4	5.28	9.95	3.916	91.2	15.07	6.368	36.95	35.74	1.21	63.14	60.54	26.278	0	0		
"2014-11-11	21:00:00"	7.853	84.2	6.604	11.14	4.152	84	17.03	6.368	35.69	34.72	0.968	67.22	63.05	26.281	0	0		
"2014-11-11	22:00:00"	8.61	75.52	7.394	14.72	4.834	69.21	17.1	8.75	34.56	33.86	0.702	70.42	64.93	26.288	0	0		
"2014-11-11	23:00:00"	9.15	78.09	8.62	13.52	5.216	74.82	18.23	9.95	33.61	33.08	0.534	70.89	64.86	26.305	0	0		
"2014-11-12	00:00:00"	11.14	84.4	8.64	19.49	6.605	83.8	18.3	13.52	33.44	32.99	0.458	64.71	59.4	26.321	0	0		
"2014-11-12	01:00:00"	14.76	84	8.99	25.45	8.96	83.9	18.2	17.7	32.28	32.01	0.272	57.03	52.06	26.34	0	0		
"2014-11-12	02:00:00"	12.78	75.59	8.85	23.07	7.599	72.76	18.71	16.51	30.43	30.17	0.258	58.3	52.78	26.351	0	0		
"2014-11-12	03:00:00"	15.01	78.25	9.41	27.84	8.8	76.49	18.97	17.1	28.96	28.77	0.189	57.66	51.81	26.372	0	0		
"2014-11-12	04:00:00"	11.63	71.53	8.26	19.49	7.092	68.84	17.85	13.52	27.43	27.23	0.196	62.24	55.53	26.382	0	0		
"2014-11-12	05:00:00"	14.26	69.32	7.829	21.28	8.82	66.36	16.94	15.91	26.38	26.3	0.076	61.26	54.44	26.386	0	0		
"2014-11-12	06:00:00"	14.25	62.67	9.83	21.28	8.58	60.61	17.77	15.91	25.68	25.79	-0.104	60.61	53.49	26.392	0	0		
"2014-11-12	07:00:00"	14.51	66.82	9.17	23.07	9.06	64.62	17.33	17.1	24.73	24.73	-0.005	56.49	50.05	26.405	0	0		
"2014-11-12	08:00:00"	11.46	65.97	9.41	18.3	7.031	64.27	17.68	13.52	24.25	24.29	-0.046	58.61	51.71	26.411	23.833	0		
"2014-11-12	09:00:00"	13.81	58.21	13.26	20.09	8.19	54.48	19.47	14.72	24.97	25.39	-0.417	54.28	47.8	26.44	112.17	0		
"2014-11-12	10:00:00"	13.94	48.5	13.71	23.07	7.986	43.37	18.45	17.1	27.01	28.23	-1.225	49.25	42.98	26.466	381.95	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-12	11:00:00"	12.51	60.28	15.91	20.09	7.693	54.7	22.1	15.31	29.12	30.89	-1.777	46.79	40.55	26.487	532.32	0		
"2014-11-12	12:00:00"	12.69	62.9	14.58	19.49	7.862	56.24	21.42	14.72	30.56	32.68	-2.13	45.32	39.13	26.493	626.91	0		
"2014-11-12	13:00:00"	11.64	65.81	17.16	19.49	7.422	60.94	24.51	15.31	32.93	35.17	-2.244	44.78	38.81	26.477	680.76	0		
"2014-11-12	14:00:00"	11.93	52.51	16.56	18.89	7.181	47.67	20.94	14.72	33.21	34.79	-1.584	44.33	39.01	26.462	419.93	0		
"2014-11-12	15:00:00"	11.94	56.88	19.98	21.87	7.273	52.87	24.98	14.72	33.29	34.6	-1.308	45.48	40.12	26.443	293.86	0		
"2014-11-12	16:00:00"	11.94	44.64	14.94	18.89	7.162	39.82	18.82	14.72	33.3	34.29	-0.99	44.46	39.52	26.444	238.25	0		
"2014-11-12	17:00:00"	11.4	47.08	16.85	17.1	6.678	41.48	19.8	12.93	32.65	33.37	-0.719	44.48	39.72	26.445	105.52	0		
"2014-11-12	18:00:00"	12.61	48.17	11.1	19.49	6.843	41.64	15.9	15.91	31.06	31.47	-0.412	44.91	40.19	26.446	22.615	0		
"2014-11-12	19:00:00"	11.95	52.52	11.54	17.7	6.625	47.49	17.46	13.52	29.49	29.78	-0.288	46.97	41.78	26.455	0.11932	0		
"2014-11-12	20:00:00"	12.24	51.96	10.29	17.7	6.802	45.88	15.95	12.93	28.25	28.53	-0.276	48.56	42.98	26.474	0	0		
"2014-11-12	21:00:00"	12.86	58.28	10.92	19.49	7.558	53.73	17.38	15.31	27.18	27.43	-0.248	50.43	44.4	26.49	0	0		
"2014-11-12	22:00:00"	13.11	55.52	11.16	18.89	7.449	49.65	16.96	14.72	26.35	26.6	-0.252	52.4	45.95	26.498	0	0		
"2014-11-12	23:00:00"	13.13	58.05	11.12	21.87	7.662	53.02	17.38	15.31	25.87	26.1	-0.237	54.52	47.67	26.513	0	0		
"2014-11-13	00:00:00"	14.42	51.63	11.57	21.87	7.967	45.77	16.69	17.7	24.77	25.02	-0.247	52.36	45.87	26.521	0	0		
"2014-11-13	01:00:00"	13.2	42.93	12.47	20.09	7.241	37.8	14.97	15.31	23.92	24.15	-0.23	48.59	42.62	26.527	0	0		
"2014-11-13	02:00:00"	13.74	42.91	11.72	20.09	7.795	37.78	15.83	15.91	23.35	23.58	-0.238	48.05	41.94	26.529	0	0		
"2014-11-13	03:00:00"	13.4	39.28	11.11	20.09	7.442	34.63	13.87	16.51	22.9	23.15	-0.246	54.23	46.9	26.532	0	0		
"2014-11-13	04:00:00"	12.49	38.9	10.51	18.89	6.982	34.68	13.5	13.52	22.51	22.73	-0.219	55.03	47.65	26.532	0	0		
"2014-11-13	05:00:00"	12.28	39.05	10.44	18.3	6.835	34.11	13.84	15.31	21.99	22.23	-0.24	53.91	46.69	26.537	0	0		
"2014-11-13	06:00:00"	11.13	42	10.61	16.51	6.087	37.67	13.9	12.33	21.34	21.57	-0.231	55.16	47.63	26.536	0	0		
"2014-11-13	07:00:00"	9.81	52.63	11.4	15.31	5.519	48.05	16.97	10.54	20.96	21.24	-0.281	60.91	52.34	26.535	0	0		
"2014-11-13	08:00:00"	9.15	51.73	12.45	13.52	5.194	46.66	17.26	9.95	20.63	20.94	-0.309	66.43	57.07	26.54	6.6238	0		
"2014-11-13	09:00:00"	8.69	51.78	15.11	12.93	5.096	47.3	20.58	11.14	21.01	21.48	-0.471	67.9	58.29	26.559	46.254	0		
"2014-11-13	10:00:00"	8.33	59.97	15.27	12.93	5.061	56.38	20.91	10.54	21.64	22.35	-0.715	67.34	57.7	26.575	104.2	0		
"2014-11-13	11:00:00"	7.337	60.45	19.11	11.74	4.612	57.14	25.33	8.75	22.73	23.64	-0.914	67.11	57.34	26.572	173.88	0		
"2014-11-13	12:00:00"	6.797	51.42	17.83	10.54	4.406	46.12	22.48	8.75	23.38	24.39	-1.009	67.96	58.16	26.567	214.02	0		
"2014-11-13	13:00:00"	5.512	71.7	26.41	11.74	3.857	69.97	37.96	8.16	24.8	25.83	-1.034	65.72	56.38	26.545	250.46	0		
"2014-11-13	14:00:00"	5.401	65.01	26.26	11.74	3.585	57.85	36.01	8.16	25.56	26.57	-1.006	63.48	54.73	26.512	221.74	0		
"2014-11-13	15:00:00"	5.567	83.6	27.52	12.33	3.892	80	35.17	9.35	26.59	27.67	-1.081	61.83	53.15	26.492	227.55	0		
"2014-11-13	16:00:00"	6.06	83.3	20.42	10.54	4.2	81.5	30.05	9.35	26.94	27.95	-1.015	61.38	52.85	26.473	180.84	0		
"2014-11-13	17:00:00"	5.544	101.7	25.15	9.35	3.854	104.2	33.74	6.964	26.75	27.45	-0.703	62.64	54.17	26.453	86.935	0		
"2014-11-13	18:00:00"	5.275	98.1	16.04	8.75	3.713	97.1	24.12	6.368	26.36	26.76	-0.393	63.97	55.83	26.446	17.053	0		
"2014-11-13	19:00:00"	6.562	110.5	12.35	9.95	4.383	112.1	20.7	7.561	26.44	26.7	-0.269	62.8	55.21	26.436	0.0238	0		
"2014-11-13	20:00:00"	7.253	104.6	11.9	11.74	4.898	106.7	19.37	9.35	26.56	26.83	-0.274	61.1	53.81	26.433	0	0		
"2014-11-13	21:00:00"	8.23	108.2	12.07	12.93	5.402	107.9	19.39	9.35	26.8	26.99	-0.189	59.59	52.6	26.431	0	0		
"2014-11-13	22:00:00"	9.18	112.1	9.64	13.52	5.871	113.2	17.68	11.74	26.93	27.12	-0.195	58.84	51.93	26.424	0	0		
"2014-11-13	23:00:00"	10.03	126.8	9.61	14.12	6.124	128	17.89	10.54	27.14	27.34	-0.204	58.37	51.54	26.414	0	0		
"2014-11-14	00:00:00"	8.94	128.6	9.57	12.93	5.318	131	17.72	9.35	26.85	26.85	-0.003	58.33	51.75	26.409	0	0		
"2014-11-14	01:00:00"	6.304	112.1	12.38	11.14	3.467	109.5	21.26	8.16	24.87	24.24	0.628	64.79	58.43	26.389	0	0		
"2014-11-14	02:00:00"	5.854	110.8	7.791	9.35	3.326	108.4	17.15	6.964	23.94	23.34	0.605	69.84	62.86	26.357	0	0		
"2014-11-14	03:00:00"	5.695	113.2	8.83	8.16	3.197	111.4	17.29	6.368	23.4	22.72	0.677	69.5	63.14	26.341	0	0		
"2014-11-14	04:00:00"	6.779	113.1	8.14	10.54	4.018	113	16.36	6.368	23.28	22.74	0.54	67.64	61.12	26.325	0	0		
"2014-11-14	05:00:00"	8.24	124.1	9.33	12.33	4.851	125.8	17.22	8.16	23.1	22.67	0.435	66.12	59.38	26.305	0	0		
"2014-11-14	06:00:00"	8.53	118.9	11.2	13.52	5.151	119.3	18.42	10.54	23.22	22.84	0.378	63.34	56.71	26.302	0	0		
"2014-11-14	07:00:00"	7.752	114	8.19	11.74	4.678	113.3	17.23	8.16	22.84	22.48	0.365	65.42	58.29	26.299	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-14	08:00:00"	8.01	117.1	11.21	12.33	4.888	117.2	19.12	8.75	23.11	22.88	0.232	66.34	58.83	26.298	32.232		0	
"2014-11-14	09:00:00"	11.04	131.4	10.78	15.31	6.73	134.3	19.12	11.14	25.8	26.45	-0.645	62.03	53.85	26.313	143.27		0	
"2014-11-14	10:00:00"	10.53	146.2	13.88	16.51	6.775	148.6	20.72	12.93	29.68	30.98	-1.294	55.96	47.98	26.344	362.41		0	
"2014-11-14	11:00:00"	10.77	161.3	15.17	17.1	7.022	165.4	22.17	13.52	33.25	34.91	-1.66	52.06	44.38	26.364	518.74		0	
"2014-11-14	12:00:00"	9.85	155.4	19.23	17.1	6.486	157.7	28.13	12.33	37.15	39.15	-1.996	48.56	41.53	26.359	616.64		0	
"2014-11-14	13:00:00"	10.18	148.8	16.86	16.51	6.667	152.2	25.78	12.33	40.48	42.51	-2.033	46.19	40.04	26.34	648.41		0	
"2014-11-14	14:00:00"	10.65	158.2	18.91	18.89	6.987	160.3	26.25	14.12	43.1	45.03	-1.927	44.48	38.96	26.318	625.15		0	
"2014-11-14	15:00:00"	10.63	166.4	16.49	18.3	6.912	170	24.32	14.72	45.63	47.34	-1.709	42.81	37.97	26.292	538.11		0	
"2014-11-14	16:00:00"	10.66	161.1	17.21	17.1	6.674	164.2	24.67	12.93	47.47	49.02	-1.546	41.94	37.6	26.279	402.59		0	
"2014-11-14	17:00:00"	10.69	165.9	12.29	16.51	6.526	170	20.67	12.33	47.92	49.12	-1.197	42.28	38.32	26.266	231.05		0	
"2014-11-14	18:00:00"	8.46	153.3	11.1	13.52	4.65	154.2	19.78	9.35	46.44	46.32	0.124	47.04	43.94	26.254	52.44		0	
"2014-11-14	19:00:00"	6.851	116.6	7.633	9.35	3.048	103.7	15.22	4.578	41.4	39.19	2.208	58.55	57.23	26.227	0.1459		0	
"2014-11-14	20:00:00"	7.784	120.6	8.11	11.14	3.897	116.9	14.94	7.561	39.4	37.72	1.675	64.36	61.63	26.208	0		0	
"2014-11-14	21:00:00"	9.13	128.8	8.49	12.93	5.09	127.7	16.22	9.95	38.56	37.61	0.948	67.34	62.56	26.198	0		0	
"2014-11-14	22:00:00"	7.528	137.7	7.326	11.14	3.92	136.3	15.41	6.964	37.81	36.72	1.085	72.95	67.33	26.196	0		0	
"2014-11-14	23:00:00"	6.145	130.8	8.37	9.35	2.885	124.8	15.96	5.175	36.36	34.96	1.404	78.33	72.33	26.183	0		0	
"2014-11-15	00:00:00"	5.645	135.6	8.1	8.75	2.629	123.5	21.97	5.771	35.04	33.78	1.261	81.7	75.2	26.161	0		0	
"2014-11-15	01:00:00"	5.104	135.7	6.803	6.964	2.255	125.4	17.34	3.982	34.38	33.1	1.272	82.3	76.51	26.143	0		0	
"2014-11-15	02:00:00"	4.46	129.6	14.97	6.964	1.982	113.8	29.17	3.386	33.86	32.69	1.174	82.4	76.58	26.129	0		0	
"2014-11-15	03:00:00"	3.793	135.8	27.61	5.771	1.623	117.3	33.59	3.982	33.39	32.36	1.025	83.4	77.42	26.112	0		0	
"2014-11-15	04:00:00"	4.419	139.5	43.19	8.75	2.52	133.3	53.59	5.771	34.27	33.98	0.293	83	76.13	26.112	0		0	
"2014-11-15	05:00:00"	7.179	192.3	9.26	11.14	4.582	197.6	15.48	8.75	35.4	35.26	0.14	78.63	71.44	26.122	0		0	
"2014-11-15	06:00:00"	6.34	207.1	18.35	11.14	3.947	211.2	21.19	8.16	35.31	35.13	0.173	78.47	70.88	26.121	0		0	
"2014-11-15	07:00:00"	4.935	228.4	12.03	8.16	3.002	233.8	18.77	5.175	34.52	34.18	0.343	80.2	72.88	26.124	0		0	
"2014-11-15	08:00:00"	6.508	221.4	14.11	9.95	4.064	224.3	17.76	6.964	34.36	33.96	0.401	80.9	73.24	26.127	17.912		0	
"2014-11-15	09:00:00"	8.35	219.2	10.42	12.33	5.787	221.6	13.46	9.95	37.51	38.03	-0.515	74.21	66.17	26.149	179.76		0	
"2014-11-15	10:00:00"	9.21	216.6	10.03	13.52	6.525	219	14.37	11.74	43.39	44.35	-0.953	65.55	58.47	26.187	356.73		0	
"2014-11-15	11:00:00"	10.91	228.9	12.15	15.31	8.11	229.7	15.25	13.52	51.67	52.42	-0.756	55.32	51.06	26.226	504.8		0	
"2014-11-15	12:00:00"	9.46	224.1	24.05	18.3	7.05	225.6	26.25	14.72	61.71	62.4	-0.691	43.62	42.34	26.252	588.89		0	
"2014-11-15	13:00:00"	13.7	221.7	16.89	21.87	9.66	222.9	18.99	18.89	66.6	67.57	-0.963	38.99	38.59	26.259	621.79		0	
"2014-11-15	14:00:00"	14.68	215.6	10.94	24.26	10.11	217.8	13.93	18.89	66.77	67.85	-1.082	39.72	38.92	26.24	549.24		0	
"2014-11-15	15:00:00"	13.19	207.6	12.38	18.89	8.91	210.9	16.21	15.91	66.15	67.38	-1.228	41.33	39.92	26.224	513.36		0	
"2014-11-15	16:00:00"	12.11	212.1	9.25	17.7	8.08	214.5	13.36	14.12	66.48	67.09	-0.614	41.33	40.81	26.214	271.05		0	
"2014-11-15	17:00:00"	7.469	185.2	13.98	13.52	4.491	188.7	19.43	9.95	65.66	65.67	-0.01	42.7	42.81	26.194	126.15		0	
"2014-11-15	18:00:00"	6.149	185.6	15	8.75	2.689	188.9	25.05	5.175	62.66	60.88	1.778	48.06	49.92	26.175	29.323		0	
"2014-11-15	19:00:00"	5.964	189.9	15.57	9.35	2.217	175.7	42.03	4.578	59.31	55.11	4.192	49.95	55.84	26.156	0.13857		0	
"2014-11-15	20:00:00"	7.391	219.1	12.88	11.14	3.762	218.8	24.66	7.561	57.26	54.84	2.415	51.53	53.51	26.141	0		0	
"2014-11-15	21:00:00"	6.428	228.9	6.539	11.14	3.057	230.2	13.13	7.561	55.38	52.8	2.578	55.92	57.25	26.15	0		0	
"2014-11-15	22:00:00"	4.663	192.7	34.29	7.561	2.177	164.9	68.32	3.982	52.42	48.66	3.766	61.17	63.71	26.138	0		0	
"2014-11-15	23:00:00"	4.249	233.1	11.8	6.368	1.879	266.8	38.41	3.982	51.14	47.77	3.371	63.02	64.36	26.118	0		0	
"2014-11-16	00:00:00"	4.652	231.8	22.18	8.16	1.773	248.1	53.59	3.982	49.81	46.25	3.556	65.71	67.12	26.106	0		0	
"2014-11-16	01:00:00"	6.575	278.1	18.75	11.74	3.456	286.2	34.97	6.964	50.74	46.77	3.972	63.93	66.84	26.09	0		0	
"2014-11-16	02:00:00"	13.33	44.36	67.04	34.4	6.759	40.11	60.46	24.86	44.18	43.05	1.131	67.24	63.75	26.114	0		0	
"2014-11-16	03:00:00"	17.22	33.65	9.52	27.84	8.75	30.52	13.54	18.3	38.92	38.8	0.116	65.54	59.57	26.109	0		0	
"2014-11-16	04:00:00"	18.26	30.11	12.02	30.22	9.58	29.08	15.5	18.89	35.51	35.48	0.028	66.93	60.1	26.101	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-16	05:00:00"	16.9	24.53	10.61	27.84	8.99	24.08	17.17	20.09	31.58	31.62	-0.037	69.68	61.71	26.102	0	0		
"2014-11-16	06:00:00"	17.04	27.33	10.19	26.05	8.92	26.5	15.53	18.3	30.65	30.65	0.001	73.57	64.92	26.108	0	0		
"2014-11-16	07:00:00"	16.48	28.7	10.24	27.84	8.46	28.56	14.57	18.89	30.73	30.71	0.024	75.59	66.76	26.122	0	0		
"2014-11-16	08:00:00"	16.06	25.04	10.16	26.65	8.51	25.02	15.94	18.3	31.27	31.35	-0.076	75.43	66.58	26.161	8.9283	0		
"2014-11-16	09:00:00"	15.69	26.65	10.7	23.07	8.25	26.29	16.35	15.91	29.98	30.23	-0.25	76.14	66.8	26.18	38.306	0		
"2014-11-16	10:00:00"	17.34	27.15	11.26	26.05	9.36	26.25	16.07	17.7	27.52	27.94	-0.424	78.67	68.43	26.192	97.251	0		
"2014-11-16	11:00:00"	15.15	29.18	15.01	23.66	8.35	28.01	18.97	18.3	26.29	26.77	-0.473	80.1	69.37	26.221	77.389	0		
"2014-11-16	12:00:00"	14.45	15.25	13.13	22.47	8.79	14.27	21.32	17.1	25.61	26.26	-0.653	82.5	70.97	26.235	117.24	0		
"2014-11-16	13:00:00"	15.48	12.05	14.37	24.26	9.85	10.88	20.87	19.49	25.6	26.22	-0.614	82.1	70.79	26.228	106.7	0		
"2014-11-16	14:00:00"	16.62	5.486	13.45	25.45	11.16	3.597	22.05	18.3	24.54	25.19	-0.657	83.4	71.86	26.226	91.201	0		
"2014-11-16	15:00:00"	12.92	16.52	12.86	20.09	7.744	16.93	19.61	14.12	24.51	24.95	-0.436	83.2	72.59	26.217	79.663	0		
"2014-11-16	16:00:00"	13	3.62	14.45	21.87	9.12	359.6	21.91	18.3	25.5	25.91	-0.417	79.43	70.59	26.242	77.843	0		
"2014-11-16	17:00:00"	14.71	356.6	12.31	21.87	10.79	352.8	18.05	18.3	25.33	25.58	-0.247	80.8	72.87	26.267	48.162	0		
"2014-11-16	18:00:00"	13.99	359.2	12.26	21.87	9.89	355.6	19.85	17.1	25.39	25.5	-0.107	76.36	68.07	26.3	21.483	0		
"2014-11-16	19:00:00"	12.14	0.783	13.14	20.09	8.42	356.8	19.33	15.31	24.17	24.04	0.135	78.42	69.31	26.318	0.11361	0		
"2014-11-16	20:00:00"	9.29	357.7	11.22	17.7	6.544	351.5	16.18	14.12	23.05	22.8	0.256	79.94	70.59	26.34	0	0		
"2014-11-16	21:00:00"	6.539	334.9	10.85	10.54	4.477	331.7	11.77	8.75	22.2	21.5	0.707	81.2	72.49	26.351	0	0		
"2014-11-16	22:00:00"	7.609	329.2	9.62	11.74	5.404	327	11.53	9.95	21.71	21.16	0.551	81.1	72.09	26.358	0	0		
"2014-11-16	23:00:00"	5.337	289	40.23	8.16	3.105	285.9	47.35	5.771	20.81	19.84	0.966	84.2	74.46	26.365	0	0		
"2014-11-17	00:00:00"	5.393	277.2	42.41	10.54	3.29	276.3	52.76	6.964	20.28	19.35	0.925	84.7	75.34	26.366	0	0		
"2014-11-17	01:00:00"	5.535	293	16.01	8.16	2.82	283.9	26.39	6.368	20.05	18.71	1.338	84.6	75.5	26.376	0	0		
"2014-11-17	02:00:00"	5.947	300.6	27.17	9.35	3.061	299	31.71	5.175	19.57	18.11	1.457	85.1	76.04	26.375	0	0		
"2014-11-17	03:00:00"	6.441	303.1	10.96	9.95	3.973	298	16.46	8.16	19.46	18.87	0.588	85.2	74.87	26.375	0	0		
"2014-11-17	04:00:00"	9.49	330.7	15.25	15.91	6.553	331.3	15.28	12.93	18.92	18.48	0.439	85.3	74.92	26.372	0	0		
"2014-11-17	05:00:00"	9.14	336.7	9.23	15.91	6.524	337.7	12.21	11.74	20	19.58	0.412	82.2	72.37	26.376	0	0		
"2014-11-17	06:00:00"	8.39	336	9.57	14.12	5.831	339.4	13.58	12.33	19.48	19.07	0.407	83.5	73.28	26.383	0	0		
"2014-11-17	07:00:00"	5.44	308.6	33.3	13.52	3.309	308.2	82.7	10.54	19.28	18.31	0.968	84.1	73.52	26.412	0	0		
"2014-11-17	08:00:00"	3.086	275.1	44.73	7.561	1.883	238	71.08	4.578	19.76	18.79	0.971	83	74.41	26.428	30.961	0		
"2014-11-17	09:00:00"	4.393	13.23	49.64	9.35	2.635	15.54	56.44	6.368	25.95	26.64	-0.693	71.59	64.8	26.469	201.19	0		
"2014-11-17	10:00:00"	7.393	75.52	33.02	13.52	4.716	70.94	37.47	9.95	31.02	31.96	-0.936	56.09	51.75	26.514	374.71	0		
"2014-11-17	11:00:00"	10.06	119.6	13.26	14.72	6.788	118.9	21.45	11.14	33.72	35.11	-1.391	43.22	39.82	26.543	523.26	0		
"2014-11-17	12:00:00"	8.97	131.1	20.14	14.12	6.202	130.6	28.71	10.54	36.57	38.12	-1.555	36.2	33.05	26.551	618.52	0		
"2014-11-17	13:00:00"	8.08	168.2	26.14	17.7	5.556	170.5	33.44	12.93	38.82	40.26	-1.438	32.92	29.3	26.542	656.13	0		
"2014-11-17	14:00:00"	9.63	171.7	21.94	20.09	6.39	175.3	29.02	13.52	40	41.66	-1.659	29.16	25.22	26.516	634.33	0		
"2014-11-17	15:00:00"	9.53	176	21.36	18.89	6.299	180.8	26.93	14.12	41.39	42.97	-1.577	25.96	21.88	26.492	552.23	0		
"2014-11-17	16:00:00"	9.31	191.9	19.12	16.51	6.427	198.1	22.65	14.72	42.19	43.47	-1.276	24.88	20.83	26.474	406.19	0		
"2014-11-17	17:00:00"	9.74	185.5	13.55	16.51	6.289	190.4	19.89	11.74	41.85	42.74	-0.896	24.95	21.1	26.459	220.69	0		
"2014-11-17	18:00:00"	6.883	178.7	7.262	11.74	3.331	176.7	14.21	8.16	38.42	37.14	1.274	30.14	29.5	26.444	31.044	0		
"2014-11-17	19:00:00"	6.37	166.5	12.21	8.16	2.363	144.4	18.88	3.386	34.27	30.13	4.139	38.85	42.7	26.409	0.0599	0		
"2014-11-17	20:00:00"	6.203	154.2	4.902	7.561	2.267	121.1	10.62	2.789	32.1	27.88	4.228	45.57	49.97	26.392	0	0		
"2014-11-17	21:00:00"	5.95	143.7	5.323	8.16	2.26	101.3	15.86	3.386	31.27	27.19	4.086	47.63	54.01	26.396	0	0		
"2014-11-17	22:00:00"	6.343	147.4	9.19	7.561	2.243	115	20.18	3.386	30.31	25.98	4.326	50.01	56	26.395	0	0		
"2014-11-17	23:00:00"	5.704	159.1	12.34	6.964	2.296	122.7	19.18	3.386	29.83	25.84	3.988	50.62	54.79	26.393	0	0		
"2014-11-18	00:00:00"	2.905	162.6	11.94	5.175	1.446	78.93	50.13	2.789	28.62	25.79	2.824	52.29	53.54	26.392	0	0		
"2014-11-18	01:00:00"	3.296	148.4	13.98	6.964	1.718	89.1	36.64	2.789	28.76	25.68	3.085	51.02	52.71	26.382	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-18	02:00:00"	5.93	142	7.529	8.75	2.189	98.8	16.8	3.386	29.16	24.67	4.485	48.67	55.08	26.372	0	0		
"2014-11-18	03:00:00"	5.841	149.5	11.74	8.16	1.944	122.6	32.53	3.386	27.41	23.68	3.735	54.19	56.98	26.371	0	0		
"2014-11-18	04:00:00"	4.844	157.4	9.05	7.561	1.511	120.7	35.57	2.789	25.84	22.51	3.329	59.32	59.67	26.36	0	0		
"2014-11-18	05:00:00"	3.127	176.5	15.67	6.368	1.23	138.4	78.13	2.789	26.35	23.13	3.214	57.63	57.89	26.36	0	0		
"2014-11-18	06:00:00"	2.323	170.8	21.96	3.982	1.155	52.31	30.52	2.789	26.28	23.33	2.954	56.97	57.03	26.36	0	0		
"2014-11-18	07:00:00"	4.685	101	24.53	5.771	2.672	71.44	17.31	3.982	27.32	23.76	3.557	55.84	58.43	26.372	0	0		
"2014-11-18	08:00:00"	3.321	121.8	21.33	5.771	1.828	98.6	45.86	3.386	27.77	24.14	3.634	55.37	57.53	26.385	22.478	0		
"2014-11-18	09:00:00"	4.516	152.1	21.83	9.95	2.73	141.2	40.84	6.964	31.74	32.02	-0.28	56.24	52.98	26.41	187.2	0		
"2014-11-18	10:00:00"	11.27	191.6	11.2	17.7	7.392	196.1	17.4	15.31	35.99	36.82	-0.831	49.77	45.2	26.46	368.05	0		
"2014-11-18	11:00:00"	10.61	198.7	12.52	15.31	7.395	202.7	16.6	12.33	39.98	41.12	-1.138	40.43	36.41	26.494	515.38	0		
"2014-11-18	12:00:00"	10.62	204.9	13.01	15.91	7.373	209	17.76	12.93	43.34	44.65	-1.315	35.66	31.88	26.51	612.65	0		
"2014-11-18	13:00:00"	10.11	210.3	13.39	15.91	7.202	213.3	17.33	13.52	46.42	47.67	-1.257	31.93	28.44	26.5	652.16	0		
"2014-11-18	14:00:00"	9.19	208.7	17.39	15.31	6.663	211.8	20.23	12.93	49.3	50.36	-1.06	29.56	26.33	26.487	629.28	0		
"2014-11-18	15:00:00"	9.7	208.1	15.44	15.31	6.928	211.5	18.31	13.52	51.19	52.3	-1.109	27.8	24.61	26.48	546.97	0		
"2014-11-18	16:00:00"	9.9	205.6	13.72	17.1	6.995	209.1	17.41	13.52	51.95	52.95	-0.998	27.18	24.06	26.468	410.65	0		
"2014-11-18	17:00:00"	10.69	200	10.59	15.31	6.985	203.2	15.38	12.33	52.02	52.81	-0.791	26.35	23.4	26.449	235.3	0		
"2014-11-18	18:00:00"	8.62	199.3	6.463	14.72	4.755	201.1	12.88	10.54	49.32	48.37	0.952	29.26	28.07	26.43	51.202	0		
"2014-11-18	19:00:00"	9.07	193.7	5.598	12.93	3.827	187.4	15.74	7.561	44.42	40.08	4.34	34.6	38.1	26.388	0.0763	0		
"2014-11-18	20:00:00"	7.827	197.8	7.707	11.74	3.45	200.7	15.4	6.964	42.14	39.01	3.134	37.7	39.51	26.371	0	0		
"2014-11-18	21:00:00"	5.853	209.3	5.666	8.16	2.225	228.6	19.53	3.982	39.46	35.6	3.857	43.99	46.15	26.359	0	0		
"2014-11-18	22:00:00"	5.374	211.7	5.266	6.964	1.513	237.3	17.85	2.789	37.35	32.41	4.949	48.35	51.74	26.344	0	0		
"2014-11-18	23:00:00"	5.155	210	8.81	8.16	1.672	228.5	45.48	2.789	36.16	31.96	4.19	51.27	53.42	26.336	0	0		
"2014-11-19	00:00:00"	5.598	223	8.76	8.16	2.358	240.9	19.99	3.982	35.33	31.88	3.453	56.1	55.27	26.325	0	0		
"2014-11-19	01:00:00"	5.988	228.4	10.45	8.75	2.335	248.6	20.36	3.982	33.56	29.92	3.637	63.7	62.14	26.308	0	0		
"2014-11-19	02:00:00"	5.29	245.8	8.54	6.964	1.669	278.9	27.8	2.789	31.75	27.58	4.169	68.89	67.59	26.288	0	0		
"2014-11-19	03:00:00"	3.716	242	14.82	5.771	1.628	267	61.62	2.789	29.96	26.7	3.255	73.81	70.25	26.274	0	0		
"2014-11-19	04:00:00"	4.279	252.3	29.11	6.368	2.229	298.8	53.37	5.175	29.33	24.88	4.45	75.47	72.89	26.263	0	0		
"2014-11-19	05:00:00"	4.62	267.1	24.67	6.964	1.992	297.6	52.65	4.578	30.74	26.04	4.705	71.53	71.74	26.263	0	0		
"2014-11-19	06:00:00"	4.081	231.3	13.08	7.561	1.609	279.4	44.94	3.386	29.87	26.4	3.47	72.89	70.66	26.257	0	0		
"2014-11-19	07:00:00"	4.154	281.7	21.42	5.771	2.602	316.9	21.2	5.175	29.63	26.01	3.619	73.48	71.25	26.268	0	0		
"2014-11-19	08:00:00"	4.831	262.9	26.84	6.964	2.48	276.1	56.79	5.175	29.44	25.94	3.507	72.86	70.67	26.283	21.483	0		
"2014-11-19	09:00:00"	4.612	243.7	19.79	6.964	3.042	242.7	24.72	5.771	33.89	33.97	-0.079	66.35	61.7	26.31	186.24	0		
"2014-11-19	10:00:00"	3.74	229.5	40.27	6.368	2.858	234.6	43.15	5.175	42.81	43.3	-0.489	50.74	47.2	26.367	366.35	0		
"2014-11-19	11:00:00"	5.248	227.9	27.79	9.35	4.099	231.8	38.63	8.16	50.36	50.97	-0.609	34.84	32.89	26.429	512.83	0		
"2014-11-19	12:00:00"	6.977	280.3	19.1	12.93	5.558	281.5	25.16	11.14	56.94	57.53	-0.594	25.51	24.12	26.444	613.8	0		
"2014-11-19	13:00:00"	6.283	282.6	22.44	12.93	5.005	282.4	29.75	10.54	63.36	63.83	-0.47	15.68	14.19	26.44	658.11	0		
"2014-11-19	14:00:00"	6.937	251.1	25.81	11.74	5.331	251.5	30.19	10.54	65.89	66.6	-0.711	11.13	8.97	26.426	626.82	0		
"2014-11-19	15:00:00"	6.866	239	20.12	13.52	5.268	239.6	25.95	10.54	67	67.47	-0.47	10.78	8.46	26.414	551.24	0		
"2014-11-19	16:00:00"	6.714	222.6	29.47	11.74	4.996	224.8	34.36	9.95	67.64	68.19	-0.554	11.31	8.97	26.404	414.53	0		
"2014-11-19	17:00:00"	9.22	187.2	11.74	14.72	5.777	191	18.5	12.33	65.04	65.53	-0.491	15.05	12.84	26.388	202.5	0		
"2014-11-19	18:00:00"	6.326	167.2	14.01	11.74	2.991	153.5	29.85	8.16	60.09	58.7	1.385	17.64	16.64	26.371	37.837	0		
"2014-11-19	19:00:00"	6.663	135.9	9.86	8.16	3.003	94.9	15.52	4.578	55.06	50.17	4.886	22.89	26.3	26.33	0.10927	0		
"2014-11-19	20:00:00"	7.122	139.1	5.716	9.95	2.529	106.4	18.92	3.982	52.83	47.74	5.092	26.05	31	26.3	0	0		
"2014-11-19	21:00:00"	6.116	138.2	6.159	8.75	2.409	95.4	33.21	3.982	51.13	45.71	5.429	29.31	34.22	26.286	0	0		
"2014-11-19	22:00:00"	4.317	154.8	21.44	6.368	1.327	151.6	85.4	2.789	46.43	42.19	4.234	36.25	39.91	26.272	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-19	23:00:00"	3.958	209.7	15.41	7.561	1.468	267	54.12	2.789	45.34	40.93	4.41	39.76	42.59	26.268	0	0		
"2014-11-20	00:00:00"	4.452	197.1	15.31	6.964	1.623	149.3	42.9	3.982	45.01	40.61	4.396	44.08	46.68	26.256	0	0		
"2014-11-20	01:00:00"	5.624	189	8.1	9.35	1.763	173	34.09	3.982	42.4	38.27	4.124	56.18	56.14	26.235	0	0		
"2014-11-20	02:00:00"	4.473	215	8.62	6.964	1.66	254	20.76	2.789	41.2	38.12	3.083	63.03	62.16	26.217	0	0		
"2014-11-20	03:00:00"	5.278	220.3	13.66	7.561	2.212	245.8	26.15	3.982	40.85	37.84	3.009	63.57	63.37	26.206	0	0		
"2014-11-20	04:00:00"	4.99	260.5	13.67	7.561	2.278	266	35.63	4.578	39.6	36.85	2.755	69.21	67.44	26.197	0	0		
"2014-11-20	05:00:00"	3.406	219.1	57.28	6.368	2.067	346.1	94	4.578	39.4	34.85	4.543	70.1	71	26.174	0	0		
"2014-11-20	06:00:00"	4.173	214.8	18.35	7.561	1.592	265.4	98.5	4.578	38.68	32.83	5.857	71.38	73.91	26.155	0	0		
"2014-11-20	07:00:00"	5.106	215.5	13.03	8.16	1.679	233.7	71.4	3.386	36.98	32.29	4.693	74.94	74.62	26.15	0	0		
"2014-11-20	08:00:00"	3.532	249	8.77	5.175	1.245	288.7	29.9	2.789	34.23	31.46	2.773	80.9	76.26	26.159	20.741	0		
"2014-11-20	09:00:00"	4.213	229.1	19.02	6.964	2.598	232.5	23.35	5.771	38.31	38.44	-0.129	74.92	68.05	26.182	177.37	0		
"2014-11-20	10:00:00"	6.044	217.2	12.18	9.95	4.387	219.9	15.5	8.16	46.45	47.1	-0.651	58.84	54.1	26.232	354.99	0		
"2014-11-20	11:00:00"	7.868	229.3	15.27	11.74	6.058	229.8	17.42	11.14	52.86	53.45	-0.591	43.62	41.4	26.279	504.6	0		
"2014-11-20	12:00:00"	8.94	241.8	16.42	15.31	6.858	240.6	19.96	13.52	61.18	61.68	-0.503	26.41	25.69	26.299	601.91	0		
"2014-11-20	13:00:00"	9.24	248.6	18.42	17.1	7.174	247.1	21.13	12.93	67.1	67.6	-0.493	14.8	13.55	26.305	643.67	0		
"2014-11-20	14:00:00"	9.54	247.3	18.42	15.91	7.49	245.4	20.95	14.12	69.66	70.21	-0.554	10.61	8.97	26.295	623.55	0		
"2014-11-20	15:00:00"	8.85	250.1	20.65	15.31	6.888	249.1	23.67	16.51	70.72	71.24	-0.526	8.39	6.368	26.286	541.34	0		
"2014-11-20	16:00:00"	8.05	244.7	22.59	14.12	6.165	244.2	24.64	11.74	71.07	71.37	-0.292	7.52	5.325	26.282	405.05	0		
"2014-11-20	17:00:00"	7.859	241.6	13.53	12.93	6.048	240.5	16.2	11.74	70.56	70.59	-0.029	6.95	4.706	26.277	231.73	0		
"2014-11-20	18:00:00"	5.788	221.7	9.91	8.75	2.87	214.5	22.53	6.964	66.82	65	1.813	10.19	9.16	26.263	48.656	0		
"2014-11-20	19:00:00"	4.029	174.8	19.62	6.964	1.779	96.7	30.99	2.789	59.37	54.41	4.957	16.93	17.42	26.227	0.10491	0		
"2014-11-20	20:00:00"	5.054	162.9	11.68	8.75	1.445	117.1	62.84	2.789	55.46	50.55	4.914	23.07	25.1	26.203	0	0		
"2014-11-20	21:00:00"	3.661	199.2	20.45	6.368	1.422	300.2	50.38	3.386	52.98	48.68	4.302	27.25	29.83	26.194	0	0		
"2014-11-20	22:00:00"	2.911	208.2	19.34	4.578	1.371	71.48	34.25	2.789	51.71	46.74	4.969	29.06	32.82	26.192	0	0		
"2014-11-20	23:00:00"	3.197	236.8	13.41	4.578	1.311	358.8	57.61	2.789	49.69	43.64	6.048	31.59	38.91	26.183	0	0		
"2014-11-21	00:00:00"	4.224	246.9	7.506	5.771	1.346	304.1	44.18	2.193	48.95	42.33	6.626	33.66	40.49	26.171	0	0		
"2014-11-21	01:00:00"	5.015	189.6	27.84	11.74	1.726	156.9	72.6	6.368	46.34	40.34	5.994	39.16	47.05	26.167	0	0		
"2014-11-21	02:00:00"	4.897	219.5	22.53	9.35	2.105	260.9	40.29	5.771	42.67	39.47	3.209	53.36	53.02	26.166	0	0		
"2014-11-21	03:00:00"	5.01	253.6	17.6	6.368	2.16	291.2	19.44	3.982	40.78	36.93	3.846	68.12	65.5	26.161	0	0		
"2014-11-21	04:00:00"	4.676	236.3	8.06	5.771	1.496	259.4	26.27	2.789	41.86	37.58	4.275	67.57	70.08	26.159	0	0		
"2014-11-21	05:00:00"	2.672	238.4	31.73	11.14	1.616	79.22	58.32	7.561	40.33	36.38	3.956	65.51	70.37	26.158	0	0		
"2014-11-21	06:00:00"	4.006	20.88	50.62	9.35	2.621	71.74	65.25	6.368	41.76	36.6	5.158	53.82	62.85	26.164	0	0		
"2014-11-21	07:00:00"	3.55	119.7	23.99	6.368	2.271	64.71	38.81	3.982	42.06	35.06	7.008	48.15	63.02	26.173	0	0		
"2014-11-21	08:00:00"	2.602	327.3	78.03	5.175	1.927	322.5	55.91	3.982	41.3	37.21	4.09	51.89	58.23	26.179	17.573	0		
"2014-11-21	09:00:00"	1.999	15.91	53.25	3.982	1.411	8.17	90.7	2.789	41.95	40.4	1.555	56.74	60.25	26.204	117.06	0		
"2014-11-21	10:00:00"	1.426	341.5	50.97	4.578	1.321	350.9	65.57	2.789	55.97	55.79	0.176	33.61	34.69	26.245	352.21	0		
"2014-11-21	11:00:00"	6.591	213.2	19.08	11.74	4.887	217.2	21.4	9.95	60.53	61.22	-0.682	30.59	29.28	26.319	480.75	0		
"2014-11-21	12:00:00"	7.798	184	17.22	13.52	5.548	186.5	23.87	10.54	62.14	63.27	-1.133	36.36	34.6	26.337	583.25	0		
"2014-11-21	13:00:00"	6.711	196.5	26.87	11.74	4.895	200.8	32.66	9.95	66.02	66.9	-0.878	26.6	25.38	26.323	632	0		
"2014-11-21	14:00:00"	7.23	202.8	20.45	13.52	5.342	206.6	25.98	11.14	68.47	69.37	-0.895	20.95	19.55	26.304	607.2	0		
"2014-11-21	15:00:00"	8.17	194.7	19.66	14.12	5.811	199.8	23.46	11.14	70.05	71.07	-1.021	19.88	18.43	26.291	526.84	0		
"2014-11-21	16:00:00"	7.514	181.2	20.62	13.52	4.981	185.9	26.48	10.54	70.29	71.25	-0.965	19.53	18.08	26.288	352.69	0		
"2014-11-21	17:00:00"	8.77	152.4	15.03	13.52	5.153	154.7	20.83	9.35	68.66	68.73	-0.069	22.29	21.62	26.276	143.72	0		
"2014-11-21	18:00:00"	8.07	122.8	8.41	11.74	4.305	119.6	17.03	8.16	64.88	63.98	0.899	30.93	31.43	26.263	58.87	0		
"2014-11-21	19:00:00"	7.969	110.5	4.836	11.14	3.49	93.1	14.91	5.771	59.6	54.9	4.695	43.31	46.31	26.237	0.01493	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-21	20:00:00"	7.679	109.4	7.195	9.95	3.71	99.7	16.03	5.771	55.85	53.11	2.743	59.31	59.51	26.224	0	0		
"2014-11-21	21:00:00"	8.17	130.1	7.677	11.14	4.034	123.7	15.12	6.368	53.91	52.17	1.747	71.29	68.42	26.227	0	0		
"2014-11-21	22:00:00"	5.736	157.7	18.24	8.16	2.514	157.9	27.08	5.175	54.35	53.03	1.32	77.57	73.56	26.236	0	0		
"2014-11-21	23:00:00"	3.3	135.5	21.68	7.561	1.637	93.2	38.69	3.386	54.57	52.75	1.819	80.7	76.76	26.244	0	0		
"2014-11-22	00:00:00"	7.195	142.4	11.89	13.52	3.865	138.5	21.24	9.35	55.97	54.94	1.028	84.2	79.35	26.245	0	0		
"2014-11-22	01:00:00"	9.93	149.6	10.54	15.91	5.874	151.2	18.94	12.93	56.78	56.59	0.185	85.9	79.82	26.247	0	0		
"2014-11-22	02:00:00"	8.3	152.2	10.6	12.93	4.936	153.1	18.14	9.35	56.54	56.39	0.149	88.2	81.8	26.242	0	0		
"2014-11-22	03:00:00"	6.909	157	11.71	12.33	3.946	157.3	19.58	8.16	56.82	56.6	0.222	89.2	83	26.241	0	0		
"2014-11-22	04:00:00"	6.703	149.3	11.65	11.14	3.839	149.4	18.56	6.964	56.79	56.53	0.264	89.7	83.5	26.238	0	0		
"2014-11-22	05:00:00"	3.213	152	36.8	5.771	1.458	133.1	68.72	3.982	55.61	54.75	0.865	92.8	85.9	26.229	0	0		
"2014-11-22	06:00:00"	4.636	67.69	10.65	6.368	2.359	55.74	14.12	4.578	55.13	54.32	0.809	94	87	26.214	0	0		
"2014-11-22	07:00:00"	4.655	44.79	26.87	8.16	2.557	39.58	32.49	5.771	54.89	54.66	0.232	93.2	86.6	26.225	0	0		
"2014-11-22	08:00:00"	3.589	332.7	29.75	6.964	2.236	328	42.31	5.175	54.87	54.64	0.228	92.2	85.4	26.241	2.7786	0		
"2014-11-22	09:00:00"	6.209	347.2	50.8	14.72	4.196	343.9	53.05	9.35	54.96	54.78	0.18	92.5	85.7	26.233	19.767	0		
"2014-11-22	10:00:00"	6.355	21.51	42.45	11.74	4.308	17.04	43.97	8.16	56.39	56.64	-0.249	89.5	84.1	26.215	225.68	0		
"2014-11-22	11:00:00"	6.249	330.4	38.39	12.33	5.203	326.4	48.47	10.54	60.6	60.98	-0.383	77.75	74	26.231	396.24	0		
"2014-11-22	12:00:00"	3.835	285.8	39.06	11.74	3.295	290.4	46.4	9.95	64.03	64.32	-0.284	67.76	65.49	26.255	386.48	0		
"2014-11-22	13:00:00"	6.632	264.3	30.41	14.12	5.275	261.1	37.75	13.52	66.47	67.13	-0.658	56.45	54.91	26.216	584.15	0		
"2014-11-22	14:00:00"	7.897	259.6	26.16	14.72	6.202	257.3	30.94	12.93	68.41	69.28	-0.868	50.45	49.32	26.195	580.24	0		
"2014-11-22	15:00:00"	7.158	277.3	21.71	14.72	5.744	274.9	27.19	12.33	70.07	70.84	-0.766	42.05	42.42	26.169	471.32	0		
"2014-11-22	16:00:00"	11.52	299.9	12.5	19.49	9.32	303	15.79	17.7	70.17	70.48	-0.309	31.49	32.32	26.145	302.5	0		
"2014-11-22	17:00:00"	13.99	289.6	11.78	23.66	10.97	290.1	15.76	20.09	69.77	70.01	-0.237	26.19	26.42	26.134	210.67	0		
"2014-11-22	18:00:00"	8.43	285	6.295	14.72	5.649	286.1	11.19	12.93	66.33	65.43	0.9	27.56	28.61	26.128	40.971	0		
"2014-11-22	19:00:00"	4.898	268.1	19.8	8.16	1.878	315.7	73.38	3.982	60.66	55.86	4.805	34.7	40.19	26.103	0.08195	0		
"2014-11-22	20:00:00"	6.398	266.5	8.3	12.33	3.191	277.3	27.9	6.964	57.63	53.64	3.985	39.43	44.53	26.066	0	0		
"2014-11-22	21:00:00"	8.6	255.6	6.88	12.93	5.412	249.1	11.63	9.35	55.93	53.82	2.107	39.89	42.3	26.06	0	0		
"2014-11-22	22:00:00"	10.86	264.9	9.59	16.51	7.431	261.9	13.56	12.33	56.22	54.72	1.504	36.67	37.87	26.058	0	0		
"2014-11-22	23:00:00"	10.71	276.4	7.959	17.7	7.074	273.7	12.48	12.33	55.19	53.83	1.366	37.99	38.67	26.054	0	0		
"2014-11-23	00:00:00"	5.746	269.3	30.35	8.75	2.803	254.2	42.99	5.175	50.76	47.53	3.231	44.97	46.99	26.025	0	0		
"2014-11-23	01:00:00"	6.025	215.4	21.54	9.35	2.44	222.5	58.66	4.578	47.23	42.32	4.911	52.32	56.92	25.967	0	0		
"2014-11-23	02:00:00"	4.27	222	14.24	6.368	1.39	258.1	62.56	2.789	45.04	41.6	3.442	58.19	59.63	25.918	0	0		
"2014-11-23	03:00:00"	4.294	236.3	29.44	11.14	1.63	323.8	84.7	8.75	44.97	40.07	4.898	55.94	61.56	25.895	0	0		
"2014-11-23	04:00:00"	8.16	276.4	10.3	11.74	4.552	272.7	15.27	7.561	49.49	45.8	3.685	41.95	47.36	25.882	0	0		
"2014-11-23	05:00:00"	9.82	290.3	6.058	16.51	6.1	290.2	11.25	12.33	48.83	46.39	2.445	41.27	43.65	25.894	0	0		
"2014-11-23	06:00:00"	8.04	275.2	14.38	14.72	4.928	269.2	17.12	12.33	50.38	47.68	2.696	35.68	38.5	25.911	0	0		
"2014-11-23	07:00:00"	7.295	292.5	4.546	11.74	3.574	297.6	13.87	6.368	47.98	43.84	4.133	38.85	43.53	25.914	0	0		
"2014-11-23	08:00:00"	9.1	297.3	9.85	14.72	6.045	299.2	12.42	11.14	48.09	46.16	1.928	38	39.29	25.918	13.861	0		
"2014-11-23	09:00:00"	14.15	291.8	8.83	23.66	11.11	291.9	12.99	21.28	52.91	52.53	0.38	31.19	30.32	25.958	159.02	0		
"2014-11-23	10:00:00"	16.09	280.1	9.56	27.84	12.01	278.8	13.99	24.26	58.7	58.85	-0.151	24.76	23.48	26.003	332.77	0		
"2014-11-23	11:00:00"	20.69	283.5	9.72	30.22	15.81	283.1	13.83	26.05	62.71	63.05	-0.333	21.1	19.58	26.042	481	0		
"2014-11-23	12:00:00"	19.62	292.5	12.17	29.03	15.63	293.7	15.95	26.05	65.04	65.5	-0.463	20.12	18.59	26.051	578.23	0		
"2014-11-23	13:00:00"	21.66	298.1	16.06	38.57	17.11	299.8	18.94	33.8	66.32	66.9	-0.574	20.28	18.77	26.033	616.16	0		
"2014-11-23	14:00:00"	24.82	295.3	9.9	37.98	19.94	296.8	13.13	34.4	67.83	68.29	-0.46	18.36	16.81	26.006	583.22	0		
"2014-11-23	15:00:00"	26.69	293.9	12.37	41.56	21.22	294.2	15.6	35	67.65	68.04	-0.392	17.77	16.04	26.003	503.24	0		
"2014-11-23	16:00:00"	24.88	302.6	13.73	36.78	20.01	304.3	15.15	34.4	66.58	66.83	-0.252	19.63	17.92	26.012	367.92	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-23	17:00:00"	27.38	324.4	8.62	39.77	21.82	324.6	10.13	35.59	63.16	63.28	-0.124	23.56	21.87	26.036	196.34		0	
"2014-11-23	18:00:00"	23.87	3.318	24.46	36.19	16	3.023	27.44	31.42	55.13	55.28	-0.156	37.93	35.14	26.072	37.74		0	
"2014-11-23	19:00:00"	23.29	22.74	9.39	38.57	13.67	22.54	14.25	26.05	46.65	46.75	-0.096	54.23	49.49	26.099	0.00785		0	
"2014-11-23	20:00:00"	15.8	28.7	10.2	31.42	8.85	28.31	12.97	19.49	43.33	43.34	-0.004	60.14	54.43	26.125	0		0	
"2014-11-23	21:00:00"	11.83	11.36	12.25	20.68	7.623	9.11	20.48	13.52	41.61	41.64	-0.03	64.1	57.86	26.131	0		0	
"2014-11-23	22:00:00"	10.52	344.4	12.5	15.31	7.907	341.7	14.55	12.33	39.91	39.75	0.16	66.7	60.35	26.144	0		0	
"2014-11-23	23:00:00"	7.537	309.2	17.26	11.74	5.267	306.1	26.04	10.54	38.58	37.85	0.735	70.02	63.9	26.155	0		0	
"2014-11-24	00:00:00"	5.746	297.7	18.67	9.95	3.591	282.5	37.93	6.964	36.86	35.28	1.58	72.33	67.45	26.153	0		0	
"2014-11-24	01:00:00"	4.648	170.2	52.05	6.964	2.7	24.82	67.61	3.982	36.04	33.99	2.051	72.13	68.69	26.163	0		0	
"2014-11-24	02:00:00"	5.33	284.4	77.65	8.75	2.734	245.7	51.55	5.175	36.36	33.05	3.314	69.48	68.6	26.164	0		0	
"2014-11-24	03:00:00"	5.465	255.1	15.78	8.16	2.363	257.1	27.6	5.175	33.87	31.07	2.8	77.08	72.58	26.17	0		0	
"2014-11-24	04:00:00"	6.386	254.9	13.4	8.75	3.05	257.2	20.19	5.771	32.52	30.35	2.169	81.7	75.67	26.173	0		0	
"2014-11-24	05:00:00"	5.47	273.9	7.966	8.75	2.383	283.4	31.8	4.578	32.49	30	2.494	84.3	77.71	26.169	0		0	
"2014-11-24	06:00:00"	5.676	293.1	28.32	8.75	2.647	305.8	56.19	5.175	31.69	28.21	3.485	86.8	79.59	26.163	0		0	
"2014-11-24	07:00:00"	4.612	297.6	11.02	6.964	1.673	269.1	27.43	3.386	31.96	29.38	2.579	86	80.1	26.166	0		0	
"2014-11-24	08:00:00"	7.236	304.4	11.54	14.72	4.398	297	29.66	12.33	31.99	31.05	0.941	81.3	75.29	26.177	13.529		0	
"2014-11-24	09:00:00"	11.63	315.7	7.329	18.89	8.96	317.3	8.85	15.31	35.68	35.59	0.086	66.67	61.7	26.216	164.97		0	
"2014-11-24	10:00:00"	13.49	320.2	9.41	21.28	10.91	321.7	10.95	18.3	40.71	40.97	-0.262	49.61	46.21	26.264	344.75		0	
"2014-11-24	11:00:00"	16.05	328.8	9.79	22.47	13.05	329.5	11.23	20.09	47.52	48.07	-0.55	30	27.71	26.308	467.57		0	
"2014-11-24	12:00:00"	13.69	333.3	12.42	21.87	11.26	332.6	13.96	18.89	50.5	51.21	-0.705	25.35	22.68	26.318	591.99		0	
"2014-11-24	13:00:00"	12.76	320.1	13.6	19.49	10.49	321.9	14.38	18.3	51.96	52.6	-0.643	20.06	17.01	26.31	635.05		0	
"2014-11-24	14:00:00"	10.19	315.4	21.14	16.51	8.35	316.2	22.76	14.72	52.89	53.64	-0.75	17.36	13.98	26.294	618.27		0	
"2014-11-24	15:00:00"	10.81	304.6	25.52	20.68	8.07	305.7	30.85	17.1	54.4	55.47	-1.072	14.97	11.29	26.287	535.47		0	
"2014-11-24	16:00:00"	11.74	312.9	17.53	20.68	9.58	313.9	19.49	18.89	55.69	56.25	-0.554	14.08	10.45	26.275	399.34		0	
"2014-11-24	17:00:00"	7.717	309.8	17.04	15.31	6.309	310	19.46	14.12	56.29	56.73	-0.443	12.49	8.86	26.27	225.59		0	
"2014-11-24	18:00:00"	6.359	322.6	9.75	11.14	4.369	329.8	15.46	8.16	54.46	53.36	1.099	14.15	12.06	26.272	45.599		0	
"2014-11-24	19:00:00"	4.248	310.7	27.64	9.35	1.818	321.9	62.57	6.368	49.76	45.15	4.612	17.76	19.45	26.258	0.07645		0	
"2014-11-24	20:00:00"	9.28	324.4	12.79	16.51	6.28	326.7	17.02	13.52	49.43	47.22	2.216	20.32	19.54	26.267	0		0	
"2014-11-24	21:00:00"	6.247	312.9	14.99	9.95	3.623	313.7	19.31	8.16	46.66	44.77	1.889	25.99	25.33	26.299	0		0	
"2014-11-24	22:00:00"	5.772	313.1	17.28	8.75	2.371	320.3	21.86	4.578	42.6	38.65	3.944	32.09	34.08	26.301	0		0	
"2014-11-24	23:00:00"	9.02	327.2	6.706	15.91	5.667	331.2	10.99	12.93	39.7	38.12	1.586	37.35	36.75	26.302	0		0	
"2014-11-25	00:00:00"	10.85	356.5	18.33	17.1	7.142	354.3	23.21	12.93	38.96	38.41	0.548	38.54	35.94	26.323	0		0	
"2014-11-25	01:00:00"	13.16	14.56	10.71	20.09	7.979	15.1	17.8	14.72	38.2	37.89	0.312	40.53	37.16	26.342	0		0	
"2014-11-25	02:00:00"	13.9	12.21	9.11	20.09	8.57	11.71	18.53	18.89	37.78	37.5	0.286	42.62	38.88	26.362	0		0	
"2014-11-25	03:00:00"	14.52	7.972	9.66	21.28	9.2	5.913	20.13	16.51	36.81	36.51	0.303	39.59	36.35	26.388	0		0	
"2014-11-25	04:00:00"	14.95	6.363	9.5	23.66	9.55	4.15	20.38	15.91	35.45	35.08	0.369	36.22	32.88	26.403	0		0	
"2014-11-25	05:00:00"	15.78	10.43	11.52	23.07	9.67	10.85	18.68	20.09	34.43	34.16	0.271	45.95	41.11	26.421	0		0	
"2014-11-25	06:00:00"	14.46	14.31	9.08	22.47	8.7	15.38	17.35	14.12	33.53	33.28	0.245	53.71	47.77	26.434	0		0	
"2014-11-25	07:00:00"	13.67	9.44	10.25	19.49	8.29	9.55	18.69	14.72	32.78	32.43	0.342	57.18	51.01	26.452	0		0	
"2014-11-25	08:00:00"	11.25	8.13	11.77	16.51	7.117	6.756	18.52	13.52	32.56	32.22	0.343	58.87	52.69	26.465	13.524		0	
"2014-11-25	09:00:00"	8.78	4.928	18.33	14.72	5.775	2.543	23.49	10.54	36.29	36.71	-0.419	53.31	48.07	26.485	166.64		0	
"2014-11-25	10:00:00"	7.28	356.1	14.36	11.74	5.367	354.7	19.31	9.95	41.8	42.76	-0.961	46.42	42.42	26.536	346.36		0	
"2014-11-25	11:00:00"	5.681	298.3	36.89	11.74	4.522	284.7	48.23	10.54	45.92	46.76	-0.834	40.18	37.25	26.575	491.96		0	
"2014-11-25	12:00:00"	6.568	259.9	30.2	12.93	5.228	259.9	33.9	11.14	48.5	49.16	-0.653	35.05	32.37	26.57	589.93		0	
"2014-11-25	13:00:00"	10.49	243.8	16.77	18.3	7.99	242.2	20.15	15.91	50.35	51.18	-0.838	29.03	26.08	26.546	631.35		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-25	14:00:00"	14.34	246.3	15.31	26.65	10.96	245.7	19.04	20.09	52.2	53.02	-0.821	23.72	20.56	26.503	609.04		0	
"2014-11-25	15:00:00"	16.96	246.3	11.87	26.65	13	245.8	15.72	21.28	53.32	53.96	-0.635	21.34	18.09	26.46	528.34		0	
"2014-11-25	16:00:00"	17.58	244.5	10.37	27.84	13.39	244.1	14.31	22.47	53.64	54.07	-0.427	21.85	18.66	26.433	392.99		0	
"2014-11-25	17:00:00"	18.09	231.1	9.84	29.03	12.92	230.8	12.88	21.87	53.44	53.69	-0.249	22.63	19.57	26.398	221.15		0	
"2014-11-25	18:00:00"	12	233.9	8.75	23.07	8.32	233.7	12.11	16.51	52.62	52.08	0.536	19.38	16.7	26.388	44.6		0	
"2014-11-25	19:00:00"	7.827	233.4	8.49	11.14	4.071	236.6	13.32	6.964	47.4	45.15	2.252	24.39	23.32	26.357	0.08226		0	
"2014-11-25	20:00:00"	5.799	226.8	12.01	8.16	2.52	223.4	28.65	5.175	42.97	40.31	2.656	31.17	30.8	26.317	0		0	
"2014-11-25	21:00:00"	4.544	243.5	8.73	7.561	1.914	231.4	45.59	4.578	40.49	37.51	2.98	35.18	35.65	26.283	0		0	
"2014-11-25	22:00:00"	4.53	255.4	17.9	9.35	2.382	240.9	68.94	5.771	40.79	37.74	3.047	33.79	35	26.271	0		0	
"2014-11-25	23:00:00"	7.448	258.9	13.08	11.74	4.321	252.6	22.79	7.561	40.75	38.42	2.327	33.56	33.86	26.274	0		0	
"2014-11-26	00:00:00"	4.625	258.2	9.73	9.35	2.566	231.8	73.68	4.578	38.75	35.6	3.15	36.43	38.05	26.278	0		0	
"2014-11-26	01:00:00"	5.907	255	15.41	8.75	2.75	244.2	24.63	4.578	40.54	35.22	5.321	33.56	38.61	26.269	0		0	
"2014-11-26	02:00:00"	8.57	273	9.05	14.72	4.801	275.9	25.41	10.54	41.37	37.53	3.846	32.29	35.27	26.261	0		0	
"2014-11-26	03:00:00"	10.08	280.8	6.738	15.31	6.666	283.6	11.15	10.54	42.58	41.05	1.523	30.44	29.26	26.282	0		0	
"2014-11-26	04:00:00"	6.823	301.9	10.71	11.14	4.094	307.8	16.54	8.16	40.91	39.13	1.782	32.88	31.87	26.292	0		0	
"2014-11-26	05:00:00"	6.539	274.7	34.88	12.33	4.138	275.6	57.71	9.35	41.65	38.99	2.661	31.67	32.07	26.293	0		0	
"2014-11-26	06:00:00"	10.02	311.5	7.476	14.72	6.857	312.2	8.76	12.33	41.73	40.28	1.453	32.02	30.69	26.299	0		0	
"2014-11-26	07:00:00"	9.37	295.3	13.2	15.31	6.467	295.2	16.65	13.52	40.55	39.54	1.008	33.53	31.47	26.325	0		0	
"2014-11-26	08:00:00"	4.861	275.1	20.08	11.74	2.512	271.8	55.11	6.368	38.1	35.35	2.747	36.84	37.69	26.341	12.386		0	
"2014-11-26	09:00:00"	4.235	230.3	18.38	7.561	2.92	231.2	25.48	5.771	41.83	41.66	0.178	36.44	33.96	26.364	160.19		0	
"2014-11-26	10:00:00"	4.665	262.8	41.26	8.16	3.575	264	43.68	6.964	51.07	51.51	-0.443	29.19	26.64	26.437	332.9		0	
"2014-11-26	11:00:00"	12.07	15.98	23.4	20.68	7.624	14.39	25.65	16.51	57.63	58.19	-0.558	25.56	23.55	26.513	477.61		0	
"2014-11-26	12:00:00"	13.01	16.16	14.76	21.87	9.09	14.93	18.22	16.51	56.84	57.66	-0.815	26.24	23.91	26.535	575.99		0	
"2014-11-26	13:00:00"	9.94	21.02	18.13	18.3	6.888	17.94	19.83	14.12	57.59	58.44	-0.844	28.59	26.51	26.523	616.48		0	
"2014-11-26	14:00:00"	6.496	41.06	25.77	12.93	4.489	35.05	33.98	9.95	59.56	60.58	-1.013	29.16	27.36	26.509	595.21		0	
"2014-11-26	15:00:00"	3.965	49.05	39.91	9.35	3.066	29.41	51.17	8.75	62.5	62.74	-0.246	27.01	26.08	26.512	516.02		0	
"2014-11-26	16:00:00"	4.17	45.33	42.98	8.75	3.179	47.72	56.56	6.964	63.12	63.39	-0.273	26.81	25.79	26.519	383.61		0	
"2014-11-26	17:00:00"	5.723	77.18	35.2	11.74	4.149	73.26	41.2	8.75	61.8	62.59	-0.789	29	27.4	26.518	214.77		0	
"2014-11-26	18:00:00"	6.166	97.3	8.21	8.75	3.497	94.8	15.07	6.964	57.58	56.84	0.743	33.78	33.28	26.51	41.749		0	
"2014-11-26	19:00:00"	8.26	89.4	4.66	10.54	3.723	88.7	11.69	5.771	51.45	47.53	3.92	41.45	44.09	26.482	0.07604		0	
"2014-11-26	20:00:00"	8.71	79.37	7.271	12.93	4.486	73.09	16.01	7.561	48.16	46.03	2.133	47.06	46.57	26.472	0		0	
"2014-11-26	21:00:00"	8.99	74.43	6.96	11.74	4.975	64.47	14.71	8.16	44.29	42.89	1.403	55.53	52.54	26.477	0		0	
"2014-11-26	22:00:00"	7.59	79.23	7.794	10.54	3.952	72.08	17.1	7.561	42.63	40.95	1.676	59.13	56.21	26.478	0		0	
"2014-11-26	23:00:00"	7.697	73.12	5.64	9.95	4.167	64.2	13.91	6.964	41.11	39.33	1.784	62.32	59.18	26.486	0		0	
"2014-11-27	00:00:00"	7.784	74.86	6.621	11.14	4.167	66.43	13.47	7.561	40.54	38.7	1.844	64.59	61.22	26.5	0		0	
"2014-11-27	01:00:00"	8.91	67.58	6.285	11.74	5.058	63.59	13.88	8.16	39.42	38.12	1.301	68	63.21	26.512	0		0	
"2014-11-27	02:00:00"	8.73	66.53	7.825	11.74	4.805	61.47	14.32	7.561	38.3	37.02	1.277	72.19	66.61	26.521	0		0	
"2014-11-27	03:00:00"	7.664	59.08	6.339	9.95	4.282	57.17	13.2	6.964	37.59	36.52	1.073	75.46	69.18	26.522	0		0	
"2014-11-27	04:00:00"	7.746	73.96	8.68	10.54	4.112	65.94	14.34	6.964	36.99	35.54	1.449	76.89	70.84	26.522	0		0	
"2014-11-27	05:00:00"	4.513	86	5.828	7.561	2.341	60.13	14.11	4.578	36.69	34.75	1.94	79.32	73.52	26.521	0		0	
"2014-11-27	06:00:00"	5.807	65.05	7.493	7.561	3.094	62.63	11.95	4.578	36.22	34.36	1.861	79.84	74.17	26.526	0		0	
"2014-11-27	07:00:00"	5.073	64.03	8.2	7.561	2.581	57.63	16.6	4.578	36.2	33.94	2.264	79.81	74.93	26.536	0		0	
"2014-11-27	08:00:00"	6.855	65.88	13.49	9.95	3.648	62.23	24.39	6.368	35.63	33.29	2.341	81.1	75.77	26.549	11.244		0	
"2014-11-27	09:00:00"	6.825	79.61	23.48	11.14	4.496	75.3	26.48	8.16	38.36	38.77	-0.409	77.72	70.08	26.573	152.1		0	
"2014-11-27	10:00:00"	12.71	141.9	11.49	18.89	7.992	141.3	18.47	13.52	44.74	45.73	-0.981	65.41	58.66	26.606	324.83		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-27	11:00:00"	12.73	152.8	12.38	20.09	8.1	153.5	19.17	14.72	49.99	51.26	-1.275	52.94	47.86	26.646	469.55		0	
"2014-11-27	12:00:00"	10.96	165.9	16.89	17.1	7.214	167.6	23.42	12.93	53.73	55.23	-1.501	45.43	41.36	26.657	566.44		0	
"2014-11-27	13:00:00"	9.01	170.5	18.27	15.91	6.311	172.1	24.8	13.52	56.87	58.22	-1.351	40.32	37.42	26.641	607.65		0	
"2014-11-27	14:00:00"	9.66	179.4	14.61	17.1	6.695	182.2	22.48	13.52	59.4	60.75	-1.356	34.91	32.5	26.619	589.28		0	
"2014-11-27	15:00:00"	10.31	177.4	16.3	18.3	6.953	179.1	22.14	14.12	61.1	62.52	-1.419	32.61	30.25	26.599	511.56		0	
"2014-11-27	16:00:00"	10.7	184	12.58	17.7	7.245	187.7	18.67	14.72	61.91	63.1	-1.184	30.04	27.89	26.586	381.87		0	
"2014-11-27	17:00:00"	10.22	182.3	10.89	14.72	6.683	186.2	17.21	11.74	61.77	62.56	-0.787	29.09	27.23	26.573	215.66		0	
"2014-11-27	18:00:00"	7.433	187.1	6.923	13.52	3.74	183.8	16.71	9.95	58.54	57.45	1.088	32.16	31.88	26.552	42.661		0	
"2014-11-27	19:00:00"	6.287	174.2	5.205	8.16	2.387	142.4	18.11	3.386	52.07	48.15	3.923	40.13	42.49	26.515	0.06837		0	
"2014-11-27	20:00:00"	5.464	159.3	9.56	8.16	2.581	112.5	25.95	3.982	49.12	45.58	3.537	45.99	47.3	26.485	0		0	
"2014-11-27	21:00:00"	5.936	153.4	7.448	8.75	2.392	102	25.28	3.982	48.68	43.36	5.319	47.61	52.22	26.461	0		0	
"2014-11-27	22:00:00"	5.24	166.8	8.11	7.561	1.871	140.7	28.34	4.578	46.89	43.57	3.312	50.72	51.86	26.449	0		0	
"2014-11-27	23:00:00"	5.897	189	7.416	10.54	2.379	196.6	13.47	5.175	44.37	40.95	3.416	55.48	56.49	26.434	0		0	
"2014-11-28	00:00:00"	6.91	204.5	6.614	12.33	3.347	215.3	14.3	7.561	43.11	40.56	2.547	59.99	58.95	26.419	0		0	
"2014-11-28	01:00:00"	6.651	214.2	6.767	11.74	3.328	223.3	12.19	8.16	42.7	40.58	2.119	62.54	60.26	26.409	0		0	
"2014-11-28	02:00:00"	6.434	213.4	4.229	8.16	2.809	220.1	8.98	4.578	40.46	37.61	2.848	66.75	65.02	26.384	0		0	
"2014-11-28	03:00:00"	5.817	220	8.15	8.16	2.441	236.7	20.74	4.578	39.07	36.56	2.514	70.9	67.53	26.365	0		0	
"2014-11-28	04:00:00"	4.478	225.7	7.231	6.368	1.91	264.3	27.95	3.982	38.86	36.05	2.813	73.48	69.94	26.35	0		0	
"2014-11-28	05:00:00"	3.25	227.8	8.29	5.175	1.554	308.2	28.73	2.789	38.34	35.53	2.81	76.79	72.26	26.333	0		0	
"2014-11-28	06:00:00"	5.056	224.3	14.78	6.368	1.64	244.2	30.46	3.386	38.43	34.4	4.03	78.39	75.73	26.315	0		0	
"2014-11-28	07:00:00"	5.604	226	10.21	7.561	2.249	250.7	28.72	3.386	37.45	33.53	3.914	81.5	77.93	26.302	0		0	
"2014-11-28	08:00:00"	3.895	241.5	1.25	5.175	2.001	303.5	17.25	3.386	36.79	33.05	3.737	83.5	79.7	26.3	11.951		0	
"2014-11-28	09:00:00"	4.27	243.9	15.24	8.16	2.851	260.9	30.28	6.964	40.71	40.49	0.218	76.85	71.15	26.318	152.6		0	
"2014-11-28	10:00:00"	6.644	217.6	11.49	9.95	4.915	218.6	15.49	8.75	45.51	46.14	-0.628	66.85	60.57	26.361	328.07		0	
"2014-11-28	11:00:00"	8.13	215.5	9.86	12.33	6.136	218	13.75	9.95	52.72	53.48	-0.754	50.22	46.71	26.397	472.63		0	
"2014-11-28	12:00:00"	8.82	211	11.35	12.93	6.586	212.9	14.9	10.54	60.57	61.33	-0.765	34.02	32.77	26.412	560.24		0	
"2014-11-28	13:00:00"	9.4	215.8	11.4	16.51	6.959	217.7	14.82	11.74	65.65	66.52	-0.877	25.58	24.37	26.406	617.37		0	
"2014-11-28	14:00:00"	12.72	219.8	11.82	20.68	9.27	222.1	14.46	16.51	68.98	69.86	-0.885	20.45	19.28	26.388	598.31		0	
"2014-11-28	15:00:00"	14.65	228	12.53	21.87	10.78	229.3	14.81	17.7	71.84	72.33	-0.484	16.2	15.17	26.371	509.89		0	
"2014-11-28	16:00:00"	14.89	221.4	9.9	21.28	10.49	223.1	13.03	15.91	73.08	73.5	-0.419	14.67	13.56	26.359	388.57		0	
"2014-11-28	17:00:00"	13.63	216.3	8.14	21.87	9.38	218.5	11.69	16.51	73.49	73.64	-0.15	13.31	12.14	26.348	219.62		0	
"2014-11-28	18:00:00"	8.11	208.5	5.871	11.14	4.408	209.8	11.06	8.16	69.18	67.55	1.628	16.83	16.8	26.337	43.076		0	
"2014-11-28	19:00:00"	9.11	202.4	4.345	12.33	4.205	200.2	11.46	6.964	62.42	58.52	3.905	22.46	24.21	26.298	0.07185		0	
"2014-11-28	20:00:00"	8.24	202.4	6.253	11.14	3.629	206.2	16.48	6.368	58.84	54.9	3.941	24.95	27.04	26.269	0		0	
"2014-11-28	21:00:00"	4.834	212.4	10.52	7.561	1.482	252.9	33.99	3.386	53.5	48.71	4.789	29.38	33.2	26.242	0		0	
"2014-11-28	22:00:00"	6.197	182.9	8.1	9.95	2.068	152.3	45.07	4.578	50.92	45.36	5.556	31.94	36.48	26.211	0		0	
"2014-11-28	23:00:00"	8.15	199	7.079	12.33	3.266	194.5	16.06	5.175	51.62	45.96	5.66	32.25	37.07	26.2	0		0	
"2014-11-29	00:00:00"	7.377	198.3	8.5	9.95	3.065	195.2	16.61	4.578	48.98	44.75	4.229	36.3	39.27	26.193	0		0	
"2014-11-29	01:00:00"	9.74	196.9	7.977	14.12	5.097	200.9	15.12	9.35	46.05	43.74	2.317	41.75	42.1	26.179	0		0	
"2014-11-29	02:00:00"	8.65	196.3	7.232	12.33	4.757	202.4	13.01	8.16	43.93	42.26	1.678	53.48	51.08	26.167	0		0	
"2014-11-29	03:00:00"	5.299	269.3	34.21	9.35	3.146	296.5	37.21	8.16	40.66	37.79	2.87	60.62	58.63	26.154	0		0	
"2014-11-29	04:00:00"	4.75	265.1	16.22	6.368	2.274	302.7	24.84	3.982	39.93	34.85	5.076	63.86	64.22	26.131	0		0	
"2014-11-29	05:00:00"	5.106	252.3	10.1	6.964	2.348	285.5	16.61	3.982	40.1	35	5.097	65.39	66.18	26.112	0		0	
"2014-11-29	06:00:00"	5.281	246	22.21	10.54	2.333	281.9	74.98	6.368	38.74	34.17	4.565	68.72	69.03	26.103	0		0	
"2014-11-29	07:00:00"	2.054	243.2	14.72	4.578	1.078	28.95	51.8	2.193	36.66	33.08	3.576	73.05	70.99	26.099	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-11-29	08:00:00"	2.208	240	6.098	3.982	1.24	38.94	64.14	2.193	36.9	32.9	4	71.67	71.5	26.103	11.081	0		
"2014-11-29	09:00:00"	3.355	196	24.18	6.964	2.167	152.2	63.74	5.771	41.39	40.89	0.503	66.68	62.39	26.121	156.13	0		
"2014-11-29	10:00:00"	6.784	214.9	10.43	12.33	5.039	217.8	13.49	9.95	48.1	48.67	-0.57	55.42	51.06	26.172	333.95	0		
"2014-11-29	11:00:00"	8.72	217.9	10.53	12.33	6.613	220.2	14.25	10.54	54.12	54.73	-0.611	40.33	38.37	26.222	481.6	0		
"2014-11-29	12:00:00"	9.58	215.9	10.82	14.12	7.074	217.8	14.18	11.74	61.82	62.63	-0.81	29.79	28.45	26.242	580.63	0		
"2014-11-29	13:00:00"	11.78	224.1	13.04	21.28	8.55	225	15.98	17.7	69.53	70.12	-0.587	17.34	16.28	26.245	624.72	0		
"2014-11-29	14:00:00"	11.64	206.4	11.41	17.7	8.41	209.7	14.99	14.12	71.73	72.8	-1.068	15.69	14.19	26.237	605.51	0		
"2014-11-29	15:00:00"	11.61	205.9	11.96	18.89	8.26	208.6	15.19	13.52	73.3	74.26	-0.962	13.36	11.81	26.227	524.59	0		
"2014-11-29	16:00:00"	10.79	207.6	11.5	16.51	7.722	209.8	14.84	14.12	74.71	75.39	-0.678	12.22	10.79	26.224	388.88	0		
"2014-11-29	17:00:00"	9.89	200.3	10.98	14.72	6.542	203.7	15.04	10.54	74.67	75.05	-0.377	11.88	10.55	26.218	218.89	0		
"2014-11-29	18:00:00"	7.991	193.4	7.539	11.74	3.703	188.7	18.52	8.16	69.95	67.53	2.415	15.52	15.79	26.208	42.779	0		
"2014-11-29	19:00:00"	7.516	180.8	6.791	11.74	2.45	142.4	37.51	4.578	63.16	55.79	7.363	19.88	24.51	26.167	0.06344	0		
"2014-11-29	20:00:00"	4.67	188.9	14.63	8.75	1.502	182.1	76.66	2.789	59.07	54.11	4.967	22.63	25.04	26.138	0	0		
"2014-11-29	21:00:00"	6.511	201.4	12.13	11.14	2.359	193	30.24	6.368	56.87	52.78	4.086	26.75	28.69	26.134	0	0		
"2014-11-29	22:00:00"	3.048	197.3	21.28	6.368	1.622	90.9	72.38	3.386	52.42	48.9	3.522	32.67	34.47	26.136	0	0		
"2014-11-29	23:00:00"	2.727	174.4	13.07	4.578	1.74	83.9	41.03	3.386	49.53	45.38	4.149	36.54	40.32	26.13	0	0		
"2014-11-30	00:00:00"	6.222	170.4	7.729	9.35	2.088	137.3	34.84	3.982	48.67	42.44	6.224	37.65	44.01	26.121	0	0		
"2014-11-30	01:00:00"	5.116	172.2	13.58	8.16	1.479	129.2	46.27	3.386	45.88	40.87	5.014	41.79	46.13	26.112	0	0		
"2014-11-30	02:00:00"	2.344	198.7	7.666	4.578	1.121	13.74	65.1	2.193	45.39	41.22	4.173	41.45	45.12	26.104	0	0		
"2014-11-30	03:00:00"	2.545	192.1	26.44	4.578	1.468	65.6	78.79	3.386	43.31	39.46	3.853	44.13	48.41	26.106	0	0		
"2014-11-30	04:00:00"	2.652	245.8	14.59	4.578	1.662	314.5	24.51	2.789	43.43	39.78	3.654	44.09	46.24	26.101	0	0		
"2014-11-30	05:00:00"	2.777	212.3	7.733	3.982	1.023	170.6	46.54	1.596	42.31	37.84	4.467	46.44	49.15	26.099	0	0		
"2014-11-30	06:00:00"	3.159	247.7	15.69	5.771	1.212	171.8	95	3.386	40.03	35.23	4.803	52.36	54.26	26.097	0	0		
"2014-11-30	07:00:00"	3.846	248.2	14.21	5.175	1.455	281.9	38.6	3.386	39.51	34.95	4.561	57.43	57.89	26.109	0	0		
"2014-11-30	08:00:00"	2.023	247.9	24.51	6.368	1.581	68.6	54.34	3.386	39.53	34.96	4.572	56.57	61.13	26.13	11.955	0		
"2014-11-30	09:00:00"	2.384	266.1	13.55	3.982	1.254	188.4	88.9	2.789	46.33	44.25	2.08	41.87	51.31	26.164	140.74	0		
"2014-11-30	10:00:00"	4.416	235.8	21.58	8.16	3.405	237.5	22.2	6.964	54.78	55.12	-0.343	33.14	32.25	26.241	327.7	0		
"2014-11-30	11:00:00"	7.976	252.8	19.48	15.31	6.217	252.6	22.2	12.93	64.25	64.51	-0.261	22.94	22.19	26.318	477.79	0		
"2014-11-30	12:00:00"	11.11	276	14.75	17.7	8.75	275.3	18.59	15.31	71.41	71.86	-0.451	14.72	13.88	26.355	578.8	0		
"2014-11-30	13:00:00"	10.85	273.9	16.15	17.1	8.68	271.7	19.18	15.31	73.27	73.9	-0.631	12.7	11.58	26.353	619.52	0		
"2014-11-30	14:00:00"	10.26	275	17.6	16.51	8.22	273.1	20.27	14.12	75.17	75.68	-0.505	10.35	9.09	26.336	601.04	0		
"2014-11-30	15:00:00"	9.98	260.5	15.85	15.31	7.9	258.1	19.72	13.52	76.56	76.94	-0.376	8.49	6.923	26.326	522.72	0		
"2014-11-30	16:00:00"	8.71	251	19.72	18.3	6.794	249.3	22.51	14.72	77.05	77.27	-0.214	8.01	6.327	26.331	389.16	0		
"2014-11-30	17:00:00"	8.43	248.8	13.3	13.52	6.532	247.4	15.41	11.14	76.6	76.52	0.078	8.96	7.53	26.335	219.13	0		
"2014-11-30	18:00:00"	6.159	231.3	22.79	9.35	2.879	228.4	29.22	6.964	71.13	67.77	3.36	12.75	13.38	26.333	25.409	0		
"2014-11-30	19:00:00"	4.48	184.1	30.22	6.964	1.556	179.1	73.04	3.386	63.64	58.93	4.71	19.21	20.92	26.305	0.02183	0		
"2014-11-30	20:00:00"	4.902	163.6	20.09	8.16	1.91	137.3	56.63	3.982	60.01	56.32	3.693	22.05	23.53	26.296	0	0		
"2014-11-30	21:00:00"	7.275	153.6	14.45	10.54	2.901	138.5	29.8	5.175	58.34	54.51	3.831	24.1	26.18	26.294	0	0		
"2014-11-30	22:00:00"	1.665	210.7	31.32	3.982	1.209	21.65	38.16	2.193	54.71	51.98	2.731	27.86	28.82	26.306	0	0		
"2014-11-30	23:00:00"	2.667	254.8	32.21	3.982	2.061	348.1	52.71	3.982	55.68	50.87	4.815	26.98	30.46	26.298	0	0		
"2014-12-01	00:00:00"	3.054	126.2	52.78	9.95	2.585	48.47	38.92	7.561	54.94	47.99	6.953	28.12	36.42	26.29	0	0		
"2014-12-01	01:00:00"	5.985	145.3	13.82	11.74	2.448	112.3	41.86	5.175	47.9	42.95	4.949	38.43	43.4	26.299	0	0		
"2014-12-01	02:00:00"	14.82	49.95	32.45	29.63	7.982	40.55	17.81	21.87	45.92	44.47	1.444	45.23	43.47	26.334	0	0		
"2014-12-01	03:00:00"	21.11	44.83	10.04	32.01	11.25	41.21	13.07	22.47	38.49	38.34	0.145	58.7	52.79	26.369	0	0		
"2014-12-01	04:00:00"	22	40.77	8.86	32.61	11.73	37.92	11.73	23.07	33.16	33.11	0.054	60.72	53.9	26.386	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-01	05:00:00"	22.36	36.31	9.73	33.21	12.11	33.75	12.1	23.07	28.36	28.39	-0.033	58.06	50.98	26.402	0	0		
"2014-12-01	06:00:00"	20.66	34.32	9.77	33.21	11.5	32.45	11.75	24.86	24.85	24.89	-0.048	52.88	46.1	26.414	0	0		
"2014-12-01	07:00:00"	18.25	29.82	9.58	30.22	10.94	28.22	11.91	23.07	23.14	23.21	-0.067	49.88	43.24	26.448	0	0		
"2014-12-01	08:00:00"	14.95	24.22	9.53	25.45	9.68	23.77	12.5	20.09	22.27	22.34	-0.073	50.46	43.54	26.486	8.2494	0		
"2014-12-01	09:00:00"	15.62	22.74	10.73	23.66	10.31	22.07	13.11	20.68	22.94	23.35	-0.407	48.21	41.63	26.525	148.28	0		
"2014-12-01	10:00:00"	13.37	15.59	13.38	19.49	9.5	15.35	15.96	18.3	24.58	25.4	-0.817	44.55	38.48	26.569	338.82	0		
"2014-12-01	11:00:00"	13.01	13	13.75	20.68	9.4	12.64	17.26	18.3	26.81	27.76	-0.943	40.39	35.03	26.602	498.89	0		
"2014-12-01	12:00:00"	11.16	8.84	15.16	16.51	8.23	7.788	19.86	16.51	29.89	31	-1.101	36.72	31.85	26.604	601.89	0		
"2014-12-01	13:00:00"	9.74	10.87	18.73	16.51	7.28	9.2	21.55	15.91	33.28	34.24	-0.964	34.32	29.85	26.58	604.73	0		
"2014-12-01	14:00:00"	7.652	8.17	20.87	13.52	5.661	7.481	24.34	11.14	36.59	37.58	-0.991	32.21	28.11	26.555	599.07	0		
"2014-12-01	15:00:00"	6.21	357.8	27.88	14.72	4.813	354.7	32.57	10.54	39.3	40.16	-0.86	30.6	26.77	26.559	479.23	0		
"2014-12-01	16:00:00"	5.923	353.7	29.65	9.95	4.693	355.4	34.59	9.35	39.93	40.51	-0.581	30.7	26.9	26.551	282.34	0		
"2014-12-01	17:00:00"	5.861	3.556	18.31	9.95	4.45	1.654	22.38	8.16	39.4	39.84	-0.447	31.41	27.59	26.532	141.25	0		
"2014-12-01	18:00:00"	4.766	9.45	14.92	8.16	3.507	4.444	18.58	6.368	38.43	38.4	0.025	32.43	28.92	26.514	32.955	0		
"2014-12-01	19:00:00"	2.914	45.03	16.91	4.578	1.758	69.72	28.1	2.789	36.78	35.29	1.49	34.82	33.63	26.495	0.11737	0		
"2014-12-01	20:00:00"	2.832	62.97	22.4	3.982	1.81	77.05	44.03	2.789	35.18	32.14	3.038	36.39	39.41	26.489	0	0		
"2014-12-01	21:00:00"	4.613	128.4	8.18	6.964	2.242	95.1	15.04	3.386	33.47	28.83	4.645	40.73	44.68	26.468	0	0		
"2014-12-01	22:00:00"	5.206	118.4	7.376	6.964	2.605	84	10.2	3.982	32.04	28.28	3.759	43.71	44.14	26.466	0	0		
"2014-12-01	23:00:00"	5.13	129.4	3.944	6.368	2.354	85.7	11.51	3.386	31.1	27.08	4.018	46.01	47.49	26.465	0	0		
"2014-12-02	00:00:00"	6.509	131.5	8.16	9.35	2.711	112.9	19.45	4.578	29.34	26.4	2.934	48.36	48.78	26.451	0	0		
"2014-12-02	01:00:00"	6.234	135.6	7.253	7.561	2.358	120.1	17.5	3.982	28.3	25.67	2.635	50.2	49.99	26.424	0	0		
"2014-12-02	02:00:00"	4.067	211.6	57.3	7.561	1.958	279.5	70.14	4.578	27.11	24.89	2.219	52.87	51.83	26.392	0	0		
"2014-12-02	03:00:00"	2.329	298.9	17.62	4.578	1.713	350	65.49	3.386	27.66	25.3	2.365	51.76	51.43	26.374	0	0		
"2014-12-02	04:00:00"	1.662	250.4	35.79	3.386	1.192	95.6	66.43	2.193	27.28	24.09	3.191	52.08	56.15	26.361	0	0		
"2014-12-02	05:00:00"	3.418	203.1	12.96	4.578	1.625	129.3	19.61	2.789	27.41	24.26	3.148	52.3	53.69	26.335	0	0		
"2014-12-02	06:00:00"	3.276	212.1	9.32	4.578	1.161	189.5	67.12	2.193	27.39	25.45	1.934	53.8	52.62	26.32	0	0		
"2014-12-02	07:00:00"	4.482	191.1	11.53	6.964	1.879	136.9	27.68	3.386	28.01	25.42	2.588	53.56	53.86	26.318	0	0		
"2014-12-02	08:00:00"	5.965	163	6.497	8.16	2.256	143.9	17.86	3.386	28.43	25.5	2.934	53.64	54.85	26.318	8.7361	0		
"2014-12-02	09:00:00"	6.975	184.3	12.94	13.52	4.207	186.2	19.91	9.95	32.12	31.8	0.319	49.36	46.06	26.317	137.76	0		
"2014-12-02	10:00:00"	9.38	196.3	9.88	14.72	6.454	200.7	14.67	11.14	37.07	37.75	-0.683	47.26	41.72	26.354	246.56	0		
"2014-12-02	11:00:00"	7.935	208	12.78	11.74	5.808	212.5	15.94	9.95	39.42	40.03	-0.603	52.44	46.23	26.386	316.17	0		
"2014-12-02	12:00:00"	7.926	214.5	19.32	14.72	6.076	218.3	21.27	13.52	44.24	45.03	-0.786	47.29	42.13	26.404	612.38	0		
"2014-12-02	13:00:00"	6.572	201.8	22.97	11.14	5.028	206.3	30.75	9.35	48.94	49.59	-0.656	40.77	37.12	26.397	607.02	0		
"2014-12-02	14:00:00"	5.846	201.9	19.26	11.14	4.396	209.9	24.13	13.52	51.07	51.7	-0.634	39.39	36.37	26.367	384.47	0		
"2014-12-02	15:00:00"	7.839	188.3	17.39	13.52	5.553	193.3	24	11.14	54.45	55.36	-0.901	36.45	33.62	26.348	396.91	0		
"2014-12-02	16:00:00"	8.25	192	15.39	11.74	5.854	196	19.95	10.54	55.64	56.58	-0.939	38.69	35.89	26.337	324.66	0		
"2014-12-02	17:00:00"	7.873	192.1	12.24	11.74	5.543	197	17.45	9.35	56.73	57.57	-0.832	39.22	36.68	26.323	214.34	0		
"2014-12-02	18:00:00"	5.361	194.8	6.458	8.75	2.635	198.6	13.41	5.771	54.59	53.36	1.229	42.21	41.49	26.313	38.161	0		
"2014-12-02	19:00:00"	5.917	194.7	5.234	8.75	2.217	186	19.64	3.982	52.06	47.99	4.068	47.58	49.34	26.287	0	0		
"2014-12-02	20:00:00"	5.657	187.3	12.64	6.964	2.064	155.7	42.05	3.982	49.68	45.2	4.476	54.46	55.54	26.271	0	0		
"2014-12-02	21:00:00"	4.214	224.3	11.26	7.561	1.817	198.9	54.62	3.386	48.03	44.15	3.884	57.88	59.45	26.262	0	0		
"2014-12-02	22:00:00"	2.211	201.5	26.24	5.175	1.827	103.9	36.88	2.789	47.03	43.87	3.153	57.84	60.06	26.255	0	0		
"2014-12-02	23:00:00"	4.055	186	9.92	6.368	1.397	107.6	64.56	2.789	47.69	44.66	3.024	61.55	60.9	26.256	0	0		
"2014-12-03	00:00:00"	3.891	203.3	9.03	6.368	1.327	238.3	37.93	2.789	47.56	45.31	2.247	64.44	62.04	26.257	0	0		
"2014-12-03	01:00:00"	5.434	190.7	7.707	7.561	1.978	187.6	21.77	3.982	46.91	44.84	2.07	68.41	65.58	26.242	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-03	02:00:00"	4.171	217.8	25.09	6.368	2.036	231.9	36.37	3.982	46.48	44.88	1.597	70.34	66.96	26.233	0	0		
"2014-12-03	03:00:00"	5.252	226.8	11.26	9.95	2.561	246.5	36.09	5.175	45.24	42.92	2.318	72.6	69.66	26.225	0	0		
"2014-12-03	04:00:00"	5.211	232.3	19.98	8.16	2.741	241.6	27.58	5.175	43.94	42.77	1.166	74.35	69.78	26.214	0	0		
"2014-12-03	05:00:00"	5.54	251.4	13.96	9.95	3.363	253.4	19.88	6.964	43.78	42.99	0.791	73.89	68.81	26.224	0	0		
"2014-12-03	06:00:00"	4.407	252.1	17.94	6.368	2.272	252.5	35.36	3.982	43.83	42.32	1.507	73.54	69.82	26.224	0	0		
"2014-12-03	07:00:00"	4.508	243.4	16.47	6.368	2.565	238.2	29.84	3.982	44.12	43.21	0.912	73.19	68.82	26.236	0	0		
"2014-12-03	08:00:00"	4.385	268.8	35.02	8.16	2.471	282.1	47.83	5.771	44.7	43.3	1.398	71.76	68.82	26.248	2.3179	0		
"2014-12-03	09:00:00"	4.032	232.4	22.19	6.964	2.76	237.2	33.93	5.771	44.84	44.6	0.244	72.93	67.35	26.275	61.182	0		
"2014-12-03	10:00:00"	4.562	222.3	19.79	8.16	3.412	223.3	22.7	6.964	49.9	50.04	-0.138	62.78	58.33	26.302	179.44	0		
"2014-12-03	11:00:00"	5.212	251.1	23.46	7.561	4.23	252	26.45	7.561	56.23	56.46	-0.233	48.7	46.73	26.345	295.43	0		
"2014-12-03	12:00:00"	5.647	251.4	15.81	8.75	4.523	252	22.07	7.561	62.05	62.49	-0.443	39.23	38.57	26.368	480.28	0		
"2014-12-03	13:00:00"	5.208	295	35.99	12.93	4.178	300.1	42.44	9.95	70.67	71.12	-0.452	23.34	23.47	26.379	580.22	0		
"2014-12-03	14:00:00"	6.055	301.7	27.42	11.74	4.891	304.7	32.41	10.54	75.17	75.61	-0.439	13.68	13.23	26.384	572.92	0		
"2014-12-03	15:00:00"	6.174	285.2	53.94	12.33	4.393	288.6	58.83	21.28	76.49	76.81	-0.317	11.56	10.64	26.375	466.49	0		
"2014-12-03	16:00:00"	2.325	204.3	54.19	50.5	4.859	343.5	36.3	12.33	76.08	76.55	-0.472	14.26	12.74	26.378	316.26	0.1		
"2014-12-03	17:00:00"	4.921	18.25	58.42	9.35	3.486	18.84	59.48	8.75	74.97	75.3	-0.325	17.94	17.64	26.37	179.15	0		
"2014-12-03	18:00:00"	7.489	91.1	30.58	14.72	4.322	86.7	34.15	11.14	69.53	68.62	0.907	20.03	20.07	26.364	25.544	0		
"2014-12-03	19:00:00"	8.11	78.53	8.12	12.33	3.797	69.51	15.85	7.561	63	60.08	2.921	23.96	25.45	26.356	0.01978	0		
"2014-12-03	20:00:00"	8.07	69.81	9.15	10.54	3.87	61.46	15.89	6.368	58.04	55.09	2.954	28.36	29.95	26.349	0	0		
"2014-12-03	21:00:00"	8.4	75.37	7.948	10.54	4.16	63.5	13.97	6.964	55.73	52.95	2.778	30.86	32.22	26.331	0	0		
"2014-12-03	22:00:00"	7.487	92	7.137	9.95	3.734	78.55	15.44	6.368	53.34	50.19	3.145	36.16	37.76	26.323	0	0		
"2014-12-03	23:00:00"	8.33	69.52	9.15	11.74	4.459	60.73	13.82	8.16	50.84	49.36	1.478	49.37	47.2	26.327	0	0		
"2014-12-04	00:00:00"	8.18	68.43	6.927	11.14	4.377	61.2	13.96	6.964	48.42	47.2	1.215	63.93	59.69	26.318	0	0		
"2014-12-04	01:00:00"	8.6	63.98	7.318	11.74	4.905	59.08	12.81	8.16	46.13	45.28	0.848	71.24	65.84	26.3	0	0		
"2014-12-04	02:00:00"	8.27	59.59	15.7	11.74	4.538	54.88	17.52	8.16	44.83	44.12	0.705	76.19	69.92	26.276	0	0		
"2014-12-04	03:00:00"	8.37	43.27	8.8	12.93	4.46	40.25	11.21	8.75	43.34	43	0.34	78.3	71.16	26.269	0	0		
"2014-12-04	04:00:00"	8.13	44.22	8.27	11.74	4.159	40.48	11.3	7.561	41.96	41.62	0.337	83.2	75.04	26.255	0	0		
"2014-12-04	05:00:00"	8.07	51.62	8.19	11.14	4.539	49.16	12.98	8.16	41.33	40.92	0.405	87	78.37	26.239	0	0		
"2014-12-04	06:00:00"	7.515	67.68	10.85	11.14	4.479	62.14	15.88	7.561	40.06	39.89	0.172	92.6	82	26.235	0	0		
"2014-12-04	07:00:00"	5.385	85.5	12.15	7.561	3.326	81.5	20.27	5.771	39.48	39.48	-0.004	98.3	86.4	26.242	0	0		
"2014-12-04	08:00:00"	3.063	125.9	24.95	5.175	1.838	123.5	33.24	3.982	40.41	40.28	0.13	99	88.3	26.253	2.7036	0		
"2014-12-04	09:00:00"	4.097	184.3	16.78	12.93	2.794	192.6	21.58	9.95	44.16	44.26	-0.107	99.4	83.6	26.276	30.861	0		
"2014-12-04	10:00:00"	8.15	157.9	12.54	12.93	5.268	161.2	18.44	9.95	46.67	46.92	-0.253	99.3	78.32	26.299	71.4	0		
"2014-12-04	11:00:00"	5.967	162.5	16.38	9.95	4.005	165.2	22.57	8.16	47.66	48.08	-0.411	99.2	81.8	26.313	95.998	0		
"2014-12-04	12:00:00"	7.595	167.3	16.79	12.33	5.047	171.4	22.48	9.95	48.98	49.74	-0.762	98.6	91.5	26.305	150.61	0		
"2014-12-04	13:00:00"	7.918	176.9	18.96	13.52	5.536	181.4	24.66	9.95	52.03	53.52	-1.493	92.4	81.4	26.28	298.03	0		
"2014-12-04	14:00:00"	7.868	197.1	18.7	12.33	5.59	200.9	21.07	9.95	54.81	55.53	-0.722	80.7	73.09	26.269	195.75	0		
"2014-12-04	15:00:00"	5.602	196.1	25.92	9.95	4.083	201.9	31.08	8.16	56.69	56.9	-0.216	75.78	70.34	26.239	116.24	0		
"2014-12-04	16:00:00"	7.894	153.2	19.61	12.93	5.17	155.9	24.14	9.35	58.37	58.69	-0.324	70.76	65.99	26.224	107.36	0		
"2014-12-04	17:00:00"	7.042	140.7	12.75	10.54	4.451	142.3	18.2	8.16	59.24	59.21	0.03	68.33	64.6	26.221	59.652	0		
"2014-12-04	18:00:00"	6.209	147.9	7.484	11.74	2.98	145.7	13.88	8.75	57.49	56.56	0.929	70.68	67.66	26.224	12.572	0		
"2014-12-04	19:00:00"	4.526	170.2	18.74	6.368	1.839	163.8	35.82	3.386	55.3	53.56	1.732	75.48	72.88	26.227	0	0		
"2014-12-04	20:00:00"	5.738	154.4	15.17	9.35	2.775	142	29.89	6.368	54.8	53.26	1.543	77.53	74.42	26.234	0	0		
"2014-12-04	21:00:00"	5.306	181.2	13.12	8.75	2.736	182.4	20.17	5.175	54.06	53.29	0.769	81	76.21	26.241	0	0		
"2014-12-04	22:00:00"	5.37	200.6	13.01	7.561	2.692	204.5	19.15	3.982	52.98	51.93	1.056	84.6	79.19	26.246	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-04	23:00:00"	3.767	185.2	23.65	5.175	1.636	176.7	70.49	2.789	50.78	49.16	1.622	90	83.5	26.226	0	0		
"2014-12-05	00:00:00"	6.13	197.8	7.231	9.35	2.649	202.1	11.78	5.771	49.45	47.23	2.213	94.4	87.6	26.21	0	0		
"2014-12-05	01:00:00"	4.163	210.3	9.94	7.561	1.782	228.5	46.77	3.982	47.76	46.08	1.676	97	88.7	26.203	0	0		
"2014-12-05	02:00:00"	4.491	208.5	9.6	7.561	1.897	219.3	28.26	3.982	47.28	45.55	1.733	98.5	88.9	26.19	0	0		
"2014-12-05	03:00:00"	5.259	221.5	12.87	8.16	3.492	226.2	14.75	6.368	47.53	47.26	0.266	98.8	88.3	26.203	0	0		
"2014-12-05	04:00:00"	5.359	222	17.76	9.35	3.725	227.1	19.77	6.368	45.85	45.75	0.106	99.1	77.79	26.211	0	0		
"2014-12-05	05:00:00"	4.307	239.5	11.6	6.964	2.984	239.8	15.62	5.175	45.48	45.3	0.175	99.3	75.74	26.217	0	0		
"2014-12-05	06:00:00"	3.642	221	42.21	6.368	2.126	218.9	55.66	4.578	43.65	43.33	0.323	99.3	77.49	26.228	0	0		
"2014-12-05	07:00:00"	2.472	286	51.79	4.578	1.574	321.9	82.8	3.386	42.89	41.02	1.871	99.7	53.53	26.242	0	0		
"2014-12-05	08:00:00"	1.81	247.8	30.84	4.578	1.368	152.7	53.78	2.789	43.54	40.25	3.296	99.9	52.93	26.252	6.2256	0		
"2014-12-05	09:00:00"	4.279	268.4	32.04	12.33	2.444	267.3	73.99	6.964	45.53	45.23	0.307	98.6	61.51	26.278	124.53	0		
"2014-12-05	10:00:00"	14.07	314.7	10.68	25.45	9.62	321.8	14.7	22.47	54.1	53.99	0.117	73.62	68.01	26.333	295.76	0		
"2014-12-05	11:00:00"	17.08	319.6	9.31	24.26	13.15	323.5	11.67	20.09	60.94	61.11	-0.169	47.79	47.23	26.402	440.08	0		
"2014-12-05	12:00:00"	14.97	328.1	13.83	23.07	12.07	328.1	14.67	20.09	64.45	64.97	-0.522	41.04	41.08	26.443	539.28	0		
"2014-12-05	13:00:00"	13.41	345.7	16.09	21.28	10.49	343.8	17.95	18.89	66.97	67.86	-0.89	35.64	35.81	26.45	584.68	0		
"2014-12-05	14:00:00"	12.37	347.6	19.36	21.28	9.88	347.2	19.91	19.49	68.46	69.32	-0.863	32.16	32.1	26.449	563.64	0		
"2014-12-05	15:00:00"	10.64	343.9	18.56	17.1	8.61	343.7	19.82	15.31	69.38	70.12	-0.738	30.82	30.74	26.452	492.41	0		
"2014-12-05	16:00:00"	9.46	334.5	15.83	16.51	7.743	335.4	16.56	15.31	69.89	70.42	-0.533	30.73	30.95	26.457	343.86	0		
"2014-12-05	17:00:00"	6.432	354.9	14.93	11.74	4.746	353.9	14.63	9.35	68.55	68.55	-0.002	31.41	31.98	26.475	108.17	0		
"2014-12-05	18:00:00"	3.149	5.21	26.16	5.771	1.743	34.07	32.59	3.386	65.8	63.42	2.385	34.38	37.46	26.472	23.652	0		
"2014-12-05	19:00:00"	4.538	43.96	8.23	6.368	2.2	54.96	13.45	3.982	62.39	58.35	4.045	39.21	44.5	26.467	0	0		
"2014-12-05	20:00:00"	6.905	70.62	6.772	11.14	3.448	66.44	12.1	6.368	58.17	53.52	4.656	45.21	50.49	26.471	0	0		
"2014-12-05	21:00:00"	8.41	63.16	6.558	11.14	4.491	68.22	14.43	8.75	54.21	51.59	2.626	50.41	51.53	26.479	0	0		
"2014-12-05	22:00:00"	9.14	55.81	7.538	12.33	5.857	60.76	13.37	9.35	52.46	51.11	1.347	54.6	52.85	26.496	0	0		
"2014-12-05	23:00:00"	10.02	54.28	7.768	14.72	6.141	56.03	12.66	10.54	50.79	49.86	0.923	60.58	57.2	26.509	0	0		
"2014-12-06	00:00:00"	10.64	55.34	7.501	13.52	6.945	57.67	12.55	10.54	49.59	48.63	0.958	65.78	61.58	26.516	0	0		
"2014-12-06	01:00:00"	11.3	50.26	8.67	16.51	6.233	49.6	13.58	11.74	50.5	49.56	0.943	66.69	62.72	26.52	0	0		
"2014-12-06	02:00:00"	11.37	51.42	8.68	16.51	6.517	51.47	13.23	12.33	49.42	48.47	0.95	68.54	64.31	26.526	0	0		
"2014-12-06	03:00:00"	11.34	47.17	8.79	16.51	5.976	45.45	13.11	11.74	48.67	47.99	0.681	70.13	65.21	26.54	0	0		
"2014-12-06	04:00:00"	12.03	47.84	8.44	17.1	6.345	45.22	12.96	12.33	47.87	47.26	0.611	72.22	66.93	26.539	0	0		
"2014-12-06	05:00:00"	11.33	49.93	8.79	16.51	6.25	48.46	13.37	12.33	46.21	45.58	0.632	75.78	69.8	26.533	0	0		
"2014-12-06	06:00:00"	10.23	49.95	9.2	14.72	5.736	48.7	14.37	11.74	44.96	44.23	0.734	78.79	72.38	26.533	0	0		
"2014-12-06	07:00:00"	9.29	54.82	8.76	15.91	5.585	54.87	14.02	10.54	44.52	43.79	0.731	80.8	74.1	26.544	0	0		
"2014-12-06	08:00:00"	6.953	49.27	10.01	10.54	3.791	48.82	14.35	7.561	43.82	42.98	0.838	82.8	75.98	26.562	4.1529	0		
"2014-12-06	09:00:00"	5.169	54.93	11.75	8.75	2.831	57.04	18.17	6.368	44.28	43.8	0.475	83	75.93	26.584	47.47	0		
"2014-12-06	10:00:00"	3.967	52.8	25.31	7.561	2.75	48.67	29.58	5.771	47.29	47.5	-0.213	78.66	72.04	26.62	185.67	0		
"2014-12-06	11:00:00"	8.48	105.8	15.85	14.12	6.298	104.9	22.63	11.74	53	54.02	-1.015	71.31	64.49	26.666	421.35	0		
"2014-12-06	12:00:00"	8.49	106.7	16.88	17.1	6.365	105.4	24.22	13.52	57.23	58.24	-1.007	56.79	52.63	26.697	504.12	0		
"2014-12-06	13:00:00"	10.53	118.4	14.94	17.1	7.517	118.8	20.69	14.12	59.25	60.66	-1.414	49.23	45.54	26.682	516.45	0		
"2014-12-06	14:00:00"	11.36	107.6	13.25	17.1	8.22	107.3	19.14	15.31	59.8	60.94	-1.137	46.72	43.93	26.652	416.3	0		
"2014-12-06	15:00:00"	10.84	95	18.33	20.68	7.712	93.7	24.71	12.93	61.31	62.59	-1.276	43.6	41.88	26.633	396.15	0		
"2014-12-06	16:00:00"	11.66	96.6	12.03	17.7	8.39	97	17.67	15.31	61.01	61.89	-0.885	44.87	43.35	26.618	298.45	0		
"2014-12-06	17:00:00"	12.6	96.1	10.19	20.68	8.78	95.1	17.07	15.91	59.94	60.46	-0.523	45.34	44.04	26.605	163.81	0		
"2014-12-06	18:00:00"	9.22	99.9	8.55	16.51	6.338	100	14.81	11.14	56.73	56.33	0.405	50.12	48.82	26.591	32.606	0		
"2014-12-06	19:00:00"	6.944	79.19	16.6	9.35	3.725	73.58	20.58	6.964	52.31	50.83	1.482	58.4	56.93	26.573	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-06	20:00:00"	7.254	74.2	8.43	10.54	3.916	70.07	14.82	6.368	50.17	48.87	1.3	64.15	61.46	26.568		0	0	
"2014-12-06	21:00:00"	9.04	86	7.774	12.33	5.265	84.2	15.7	8.16	49.56	48.87	0.683	67.74	63.84	26.571		0	0	
"2014-12-06	22:00:00"	8.06	76.14	8.33	12.33	4.725	70.47	16.28	8.75	49.11	48.52	0.593	70.05	65.74	26.578		0	0	
"2014-12-06	23:00:00"	8.72	77.78	9.42	15.31	5.379	75.69	16.7	9.95	49.1	48.72	0.388	71	66.22	26.58		0	0	
"2014-12-07	00:00:00"	8.16	86.5	9.05	11.74	5.038	85.7	16.75	8.75	47.84	47.45	0.385	74.89	69.33	26.582		0	0	
"2014-12-07	01:00:00"	9.35	84.3	8.15	14.12	5.79	82.1	15.98	9.95	46.93	46.7	0.232	79.53	72.94	26.557		0	0	
"2014-12-07	02:00:00"	7.406	88.4	7.107	11.14	4.743	87.1	14.31	8.16	45.91	45.63	0.281	83.3	76.1	26.545		0	0	
"2014-12-07	03:00:00"	6.91	74.33	12.63	9.95	4.108	72.85	18.97	6.368	44.49	43.94	0.553	87.3	79.71	26.535		0	0	
"2014-12-07	04:00:00"	7.55	66.88	9.15	11.14	4.738	64.61	15.16	8.75	44.06	43.92	0.147	90	81.8	26.525		0	0	
"2014-12-07	05:00:00"	6.769	76.18	19.1	10.54	4.284	75.46	24.92	8.16	44.24	44.14	0.098	92.1	83.5	26.519		0	0	
"2014-12-07	06:00:00"	6.806	109.2	13.74	14.12	4.44	109	17.31	9.95	44.18	44.05	0.135	93.9	85.1	26.51		0	0	
"2014-12-07	07:00:00"	9.61	124.5	9.61	14.72	6.189	125.2	16.55	11.74	44.5	44.54	-0.043	95.3	86.4	26.501		0	0	
"2014-12-07	08:00:00"	7.676	113.7	10.63	11.74	5.257	113.5	16.5	9.95	44.45	44.47	-0.015	95	86.3	26.508	1.6839		0	
"2014-12-07	09:00:00"	10.38	126.7	14.53	17.7	6.668	128	20.67	13.52	44.79	44.84	-0.054	94.4	86	26.506	24.64		0	
"2014-12-07	10:00:00"	8.18	152.8	12.77	15.31	5.125	156.8	18.67	10.54	45.56	45.71	-0.15	93.7	85.8	26.523	52.329		0	
"2014-12-07	11:00:00"	4.627	164.5	17.34	8.75	3.138	169.8	23.53	6.964	47.02	47.29	-0.272	91.8	84.7	26.537	112.39		0	
"2014-12-07	12:00:00"	4.128	190	20.39	7.561	3.101	195.7	25.32	6.368	48.92	49.25	-0.336	87.4	80.3	26.544	130.25		0	
"2014-12-07	13:00:00"	3.465	212.4	31.85	6.964	2.702	220.3	29.54	5.771	49.82	50.03	-0.213	85.2	78.39	26.521	120.21		0	
"2014-12-07	14:00:00"	4.668	230.8	30.43	7.561	3.618	234.9	30.33	6.368	50.73	51.08	-0.35	83.9	77.21	26.499	176.45		0	
"2014-12-07	15:00:00"	4.425	236	40.98	7.561	3.511	236.9	46.79	6.964	52.95	53.42	-0.464	79.08	73.01	26.487	218.76		0	
"2014-12-07	16:00:00"	5.824	183.9	19.5	11.14	4.2	190.4	24.99	8.16	53.7	54.34	-0.646	77.53	70.77	26.474	203.26		0	
"2014-12-07	17:00:00"	4.816	171.2	22.49	9.35	3.43	176.5	27.25	7.561	53.05	53.51	-0.457	79.38	72.34	26.473	126.14		0	
"2014-12-07	18:00:00"	4.928	147.9	16.69	8.16	2.651	145	25.49	6.368	51.2	50.73	0.468	83.8	77.03	26.457	29.435		0	
"2014-12-07	19:00:00"	6.094	169.4	20.35	11.14	3.099	169.2	26.24	6.964	49.3	48.03	1.27	88.7	83	26.444	0.043		0	
"2014-12-07	20:00:00"	3.393	184.4	21.54	8.75	1.633	175.2	37.55	3.982	49.59	48.63	0.963	88.9	83	26.452	0		0	
"2014-12-07	21:00:00"	3.488	229.3	39.75	7.561	2.012	224.2	67.43	5.175	47.68	46.35	1.328	92.5	85.5	26.466	0		0	
"2014-12-07	22:00:00"	3.444	151.5	9.18	6.368	1.911	102.5	23.73	3.982	45.83	43.04	2.791	97.4	88	26.449	0		0	
"2014-12-07	23:00:00"	2.393	55.97	50.59	4.578	1.532	18.8	30.48	2.789	43.61	41.43	2.184	98.5	89.1	26.443	0		0	
"2014-12-08	00:00:00"	2.69	14.55	24.64	5.175	1.585	33.75	40.89	3.982	41.87	40.35	1.519	99	88.8	26.455	0		0	
"2014-12-08	01:00:00"	1.86	20.12	43.24	4.578	1.166	7.219	78.12	2.789	39.96	38.19	1.768	99.2	87.7	26.447	0		0	
"2014-12-08	02:00:00"	1.738	352.9	37.29	3.982	1.194	283.9	58.46	2.789	38.53	36.94	1.59	99.3	85.6	26.434	0		0	
"2014-12-08	03:00:00"	2.323	4.008	79	5.175	1.446	236.8	76.51	2.789	38.38	36.5	1.877	99.4	84.9	26.438	0		0	
"2014-12-08	04:00:00"	1.993	346.9	35.27	3.982	1.549	346	49.76	3.386	37.15	36.7	0.444	99.3	85	26.442	0		0	
"2014-12-08	05:00:00"	2.309	333.5	42.05	5.175	1.543	287.2	86.5	3.982	37	36.58	0.412	99.4	84.8	26.444	0		0	
"2014-12-08	06:00:00"	2.681	324.2	14.23	4.578	2.138	315.2	17.72	3.982	37.01	37.83	-0.829	99.5	69.52	26.448	0		0	
"2014-12-08	07:00:00"	3.359	328.2	15.74	5.771	2.11	330.9	19.77	5.771	37.2	37.92	-0.714	99.5	81.2	26.466	0		0	
"2014-12-08	08:00:00"	3.493	334	13.27	5.771	2.348	333.3	21.08	5.175	36.89	37.35	-0.465	99.5	92.5	26.488	3.3249		0	
"2014-12-08	09:00:00"	1.865	339.3	31.21	3.982	1.381	341.3	37	3.386	38.35	38.84	-0.488	99.5	93.9	26.509	77.553		0	
"2014-12-08	10:00:00"	1.704	299.1	29.28	3.386	1.389	297.2	40.89	3.386	45.9	47.03	-1.124	98.3	98.4	26.542	275.65		0	
"2014-12-08	11:00:00"	4.408	32.99	19.82	9.35	2.949	28.79	23.45	7.561	53.75	56.12	-2.374	91.1	"NAN"	26.595	439.67		0	
"2014-12-08	12:00:00"	5.405	52.62	25.48	9.35	3.629	46.57	29.8	8.16	60.45	62.06	-1.607	58.68	67.09	26.616	537.35		0	
"2014-12-08	13:00:00"	6.387	123.4	35.66	13.52	4.781	128	40.58	10.54	64.47	66.47	-1.991	46.94	"NAN"	26.608	559.88		0	
"2014-12-08	14:00:00"	8.42	167.2	21.62	15.31	6.093	172.6	27.72	11.74	64	66.19	-2.195	49.71	63.93	26.594	565.31		0	
"2014-12-08	15:00:00"	8.49	192.1	22.38	13.52	6.207	196.8	24.95	11.74	63.12	64.76	-1.64	54.15	59.78	26.579	483.02		0	
"2014-12-08	16:00:00"	8.09	206.8	16.22	12.93	6.154	210.7	18.56	10.54	61.52	62.62	-1.108	56.75	53.71	26.565	349.79		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-08	17:00:00"	7.156	198.7	11.77	10.54	5.193	202.1	15.76	8.16	60.75	61.69	-0.937	59.32	55.66	26.557	190.72	0		
"2014-12-08	18:00:00"	5.209	191.4	15.82	8.75	2.556	180.1	32.08	5.771	56.37	54.91	1.461	68.23	65.15	26.538	16.052	0		
"2014-12-08	19:00:00"	5.128	165.8	7.783	8.75	1.742	152	28.14	3.386	50.83	48.15	2.681	80.8	75.99	26.505	0	0		
"2014-12-08	20:00:00"	4.782	140.6	10	6.368	2.356	105.5	15.91	3.386	47.92	45.79	2.122	89	82.5	26.485	0	0		
"2014-12-08	21:00:00"	2.951	185.5	70.39	6.368	1.709	85.6	79.14	3.982	46.44	44.27	2.165	93	85.3	26.483	0	0		
"2014-12-08	22:00:00"	1.004	311.8	39.76	1.596	1	1.194	62.3	1	45.83	43.03	2.808	96.4	86.1	26.482	0	0		
"2014-12-08	23:00:00"	1.897	41.54	34.5	3.982	1.808	63.18	14.79	3.386	46.38	42.63	3.742	95.7	87.6	26.483	0	0		
"2014-12-09	00:00:00"	1.763	40.89	24.49	3.386	1.13	23.52	38.5	2.193	46.71	42.31	4.401	93.4	86.4	26.488	0	0		
"2014-12-09	01:00:00"	1.865	303.6	58.33	5.175	1.066	8.23	60.77	2.193	45.82	40.27	5.554	95.6	86	26.484	0	0		
"2014-12-09	02:00:00"	1.453	359.4	30.37	3.386	1.525	84.6	21.56	3.386	44.61	40.01	4.603	97.5	87.5	26.473	0	0		
"2014-12-09	03:00:00"	1.69	24.77	19.5	3.386	1.66	37.95	42.04	3.386	46.13	41.17	4.957	95.8	88.5	26.47	0	0		
"2014-12-09	04:00:00"	2.015	24.79	24.74	3.982	1.561	55.36	38.46	3.982	45.18	40.29	4.889	95.9	88.4	26.47	0	0		
"2014-12-09	05:00:00"	1.863	310.2	29.84	3.386	1.186	60.66	88.6	2.789	45.7	38.56	7.145	96.2	88.2	26.459	0	0		
"2014-12-09	06:00:00"	2.873	320.2	33.74	6.368	1.235	227.4	82.7	3.386	42.12	37.37	4.754	96.4	88.3	26.455	0	0		
"2014-12-09	07:00:00"	4.294	356.1	20.44	7.561	1.972	9.24	30.89	5.771	42.6	39.87	2.732	98.3	89.3	26.459	0	0		
"2014-12-09	08:00:00"	5.78	23.83	9.16	9.35	2.677	36.36	11.61	5.175	43.08	41.82	1.266	95.9	89.7	26.468	4.9226	0		
"2014-12-09	09:00:00"	6.428	46.27	6.309	9.95	3.493	46.39	11.53	5.771	43.81	43.08	0.735	94.9	88.7	26.476	79.8	0		
"2014-12-09	10:00:00"	5.062	61.58	19.38	8.16	3.363	59.87	23.1	6.368	50.55	51.03	-0.486	85	79.49	26.508	269.27	0		
"2014-12-09	11:00:00"	11.12	160.9	13.8	17.1	7.175	163.8	19.94	13.52	53.88	54.74	-0.863	81.3	72.73	26.557	214.28	0		
"2014-12-09	12:00:00"	9.36	165.3	11.5	13.52	6.054	170.3	17.87	12.33	50.45	51.2	-0.752	91	80.6	26.552	118.62	0		
"2014-12-09	13:00:00"	7.543	169.9	18.12	11.74	5.158	174	23.05	9.35	50.84	51.57	-0.734	90.7	80.6	26.523	146.96	0		
"2014-12-09	14:00:00"	7.24	166.4	16.85	11.14	4.909	169.1	22.93	9.35	51.72	52.49	-0.766	87.6	77.96	26.496	150.93	0		
"2014-12-09	15:00:00"	6.757	154.4	14.41	10.54	4.436	157.4	19.74	8.16	52.4	53.05	-0.645	86.6	77.33	26.475	99.779	0		
"2014-12-09	16:00:00"	8.48	140.3	14.31	14.72	5.512	143.1	20.7	10.54	53.65	54.08	-0.427	83.8	75.75	26.458	72.648	0		
"2014-12-09	17:00:00"	6.837	134.8	13.31	12.33	4.56	136	18.75	9.35	54.67	54.93	-0.261	80.4	73.19	26.446	63.579	0		
"2014-12-09	18:00:00"	6.605	105.5	9.48	9.95	4.628	105.5	15.75	8.16	54.14	54.23	-0.086	83.3	75.83	26.449	13.432	0		
"2014-12-09	19:00:00"	6.503	92.6	10.85	12.93	4.234	91.3	17.28	8.75	53.33	53.15	0.173	85.6	78.16	26.445	0	0		
"2014-12-09	20:00:00"	7.093	109.8	8.48	11.74	4.769	109.7	14.3	9.35	52.64	52.48	0.158	88.3	80.6	26.44	0	0		
"2014-12-09	21:00:00"	5.995	116	10.33	9.35	3.923	114.8	15.89	6.964	52.33	52.17	0.158	89.6	81.9	26.444	0	0		
"2014-12-09	22:00:00"	6.391	145.3	11.74	9.35	3.855	147.1	16.76	6.964	52.85	52.68	0.17	88.6	81.3	26.437	0	0		
"2014-12-09	23:00:00"	3.839	150.4	9.14	6.964	2.007	150.6	15.22	4.578	52.8	52.58	0.222	89	81.6	26.441	0	0		
"2014-12-10	00:00:00"	4.362	158.1	11.59	8.16	2.086	157.4	21.86	5.771	52.43	52.1	0.33	89.9	82.5	26.441	0	0		
"2014-12-10	01:00:00"	7.109	177.2	10.73	11.74	4.342	180.9	17.12	8.16	52.59	52.47	0.112	90.4	82.7	26.429	0	0		
"2014-12-10	02:00:00"	9.92	175	9.98	16.51	6.156	178.4	16.31	11.14	52.4	52.4	0.004	92.4	83.9	26.408	0	0		
"2014-12-10	03:00:00"	9.77	177.7	12.52	16.51	6.144	181.8	18.45	11.74	51.83	51.88	-0.048	94.3	85.4	26.394	0	0		
"2014-12-10	04:00:00"	7.392	166.7	22.95	12.33	4.774	171.3	27.33	8.75	51.37	51.41	-0.036	94.7	86	26.376	0	0		
"2014-12-10	05:00:00"	3.852	173.5	17.5	6.964	2.376	176.8	23.52	5.175	51.11	51.14	-0.032	95.4	86.6	26.373	0	0		
"2014-12-10	06:00:00"	3.848	130.9	20.95	11.14	2.377	125.9	31.43	9.35	50.94	50.92	0.025	94.8	86.3	26.358	0	0		
"2014-12-10	07:00:00"	8.56	151.8	10.19	13.52	5.224	154.3	16.07	9.95	50.91	50.88	0.025	94.5	86.2	26.357	0	0		
"2014-12-10	08:00:00"	8.93	163.2	9.19	13.52	5.481	167.1	16.23	10.54	51.02	51.04	-0.018	94.8	86.2	26.362	0.50852	0		
"2014-12-10	09:00:00"	9.32	166.8	8.97	14.12	5.873	171.1	15.99	9.95	51	51.09	-0.09	94.4	86.1	26.367	26.527	0		
"2014-12-10	10:00:00"	9.36	174.4	10.78	14.12	6.072	178.6	17.51	10.54	52	52.38	-0.377	89.2	80.7	26.381	94	0		
"2014-12-10	11:00:00"	6.638	190.9	34.75	11.14	4.654	195.1	38.72	8.75	53.21	53.74	-0.534	86.1	77.35	26.397	173.44	0		
"2014-12-10	12:00:00"	3.902	202.5	59.74	8.16	3.182	214.8	64.05	6.964	59.86	60.16	-0.302	71.44	66.19	26.41	508.68	0		
"2014-12-10	13:00:00"	5.209	165.1	43.39	9.95	3.988	169	50.13	8.16	60.9	61.63	-0.728	68.43	62.99	26.416	434.43	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-10	14:00:00"	5.89	177.5	35.94	12.93	4.453	182	41.45	9.95	61.26	62.09	-0.832	67.71	62.31	26.394	449.65		0	
"2014-12-10	15:00:00"	5.695	178.1	39.15	11.14	4.251	184.2	45.16	8.75	61.44	62.19	-0.748	66.5	61.61	26.375	349.12		0	
"2014-12-10	16:00:00"	6.322	165.9	21.95	11.74	4.544	172.3	29	9.35	62.3	63.24	-0.943	64.09	59.19	26.366	322.04		0	
"2014-12-10	17:00:00"	8.01	161.1	16.21	15.31	5.298	164.4	22.65	11.14	60.93	61.8	-0.864	66.98	61.74	26.36	170.87		0	
"2014-12-10	18:00:00"	6.441	173.2	8.24	9.35	3.414	175.1	17.13	6.964	57.89	57.4	0.481	73.47	68.95	26.346	32.071		0	
"2014-12-10	19:00:00"	5.974	144.3	6.778	9.35	2.52	119	16.6	4.578	54.23	51.7	2.537	81.1	77.89	26.321	0.03512		0	
"2014-12-10	20:00:00"	7.336	135.6	5.677	9.95	3.402	132	13.01	5.771	51.34	49.62	1.72	87.3	82.4	26.304	0		0	
"2014-12-10	21:00:00"	6.891	143.8	6.2	9.35	3.115	139.2	12.69	5.771	49.61	48.07	1.542	92.2	85.7	26.301	0		0	
"2014-12-10	22:00:00"	5.389	168.5	20.37	9.95	2.806	170.9	30.32	6.368	48.85	47.99	0.861	96.3	89	26.299	0		0	
"2014-12-10	23:00:00"	8.03	191.2	10.69	12.33	5.244	195	16.03	9.35	51.07	51.03	0.038	98.5	91	26.316	0		0	
"2014-12-11	00:00:00"	6.874	206.4	19.66	10.54	4.679	209.9	20.49	8.75	51.42	51.41	0.003	98.8	92.4	26.334	0		0	
"2014-12-11	01:00:00"	6.621	202.3	13.17	9.95	4.438	206.6	16.46	8.16	51.11	51.15	-0.034	98.9	92.2	26.337	0		0	
"2014-12-11	02:00:00"	5.527	198.4	15.56	9.35	3.773	202.5	17.54	7.561	50.95	51.01	-0.064	99	89.9	26.335	0		0	
"2014-12-11	03:00:00"	4.118	179.8	16.85	8.16	2.566	182.4	23.12	5.771	50.73	50.8	-0.072	99.1	90.2	26.338	0		0	
"2014-12-11	04:00:00"	2.885	210.7	53.74	6.964	2.122	215.6	64.25	6.368	50.59	50.68	-0.086	99.1	90.6	26.347	0		0	
"2014-12-11	05:00:00"	2.492	195.7	78.9	6.368	2.007	216	78.89	4.578	50.33	50.41	-0.078	99.2	91.3	26.343	0		0	
"2014-12-11	06:00:00"	1.772	13.51	68.31	5.175	1.559	1.653	70.51	5.175	50.15	50.25	-0.101	99.2	92.1	26.338	0		0	
"2014-12-11	07:00:00"	1.954	18.35	39.02	4.578	1.495	26.3	49.13	3.982	50.09	50.2	-0.106	99.2	92.3	26.35	0		0	
"2014-12-11	08:00:00"	2.83	26.48	40.52	5.175	2.001	25.37	45.22	5.175	50.06	50.17	-0.114	99.3	92.4	26.366	0.91041		0	
"2014-12-11	09:00:00"	2.911	104.7	59.07	7.561	2.116	92.4	65.34	5.771	49.99	50.16	-0.171	99.3	92.7	26.375	15.916		0.01	
"2014-12-11	10:00:00"	3.242	168.9	29.15	5.771	2.404	175.3	34.67	4.578	49.97	50.25	-0.286	99.2	93.8	26.401	49.892		0	
"2014-12-11	11:00:00"	3.779	196.3	27.17	9.35	2.693	200	29.64	7.561	50.43	50.85	-0.417	99	95.5	26.419	74.845		0	
"2014-12-11	12:00:00"	5.265	215.6	21.62	8.16	3.961	218.4	21.79	6.964	51.21	51.76	-0.547	98.6	93.5	26.408	116.56		0	
"2014-12-11	13:00:00"	6.002	210.1	17.36	10.54	4.443	213.1	19.4	8.75	52.52	53.2	-0.684	97.1	92.3	26.39	167.98		0	
"2014-12-11	14:00:00"	6.194	237	18.22	13.52	4.825	237.6	21.38	12.33	54.01	54.44	-0.426	88.7	82.6	26.37	195.13		0	
"2014-12-11	15:00:00"	5.652	214.8	25.03	11.14	4.272	216.8	28.17	8.16	55.92	56.37	-0.453	83	76.72	26.364	213.89		0	
"2014-12-11	16:00:00"	6.788	198.3	18.67	11.74	5.011	201.9	21.62	8.75	57.49	58.23	-0.748	78.52	71.67	26.364	265.33		0	
"2014-12-11	17:00:00"	6.721	193.7	15.31	11.14	4.806	199.5	18.81	8.75	58.43	59.21	-0.779	75.55	68.65	26.373	185.65		0	
"2014-12-11	18:00:00"	6.762	170.3	6.768	9.95	3.726	172.5	13.34	7.561	55.4	55.09	0.305	82	75.18	26.37	33.431		0	
"2014-12-11	19:00:00"	5.857	150	6.466	7.561	2.285	134.7	13.87	3.982	50.61	48.49	2.119	91.8	84.5	26.347	0.06036		0	
"2014-12-11	20:00:00"	5.25	145.4	4.87	6.964	1.85	123.3	11.52	2.789	48.88	46.56	2.312	96.7	88.2	26.336	0		0	
"2014-12-11	21:00:00"	4.824	153.8	8.95	6.964	1.592	144.8	26.72	3.386	48.11	46.16	1.952	98.2	89.5	26.341	0		0	
"2014-12-11	22:00:00"	4.968	146.6	8.51	6.368	1.763	110.3	21.48	2.789	48.04	45.81	2.231	98.9	89.8	26.344	0		0	
"2014-12-11	23:00:00"	6.602	159.5	15.85	11.14	3.277	138	40.42	8.75	49.02	47.31	1.714	99.3	89.9	26.349	0		0	
"2014-12-12	00:00:00"	5.7	193.6	9.98	10.54	3.104	197.4	15.37	6.964	49.94	49.4	0.542	98.9	90.8	26.369	0		0	
"2014-12-12	01:00:00"	6.755	188.2	13.81	12.93	4.342	193.8	18.21	9.95	49.54	49.48	0.061	99.1	90.2	26.375	0		0	
"2014-12-12	02:00:00"	6.137	182.5	11	10.54	3.976	186.7	17.08	7.561	48.96	49.03	-0.064	99.2	87.4	26.377	0		0	
"2014-12-12	03:00:00"	4.282	173.5	14.5	9.35	2.75	177.3	21.18	6.964	49.46	49.52	-0.065	99.3	80.3	26.378	0		0	
"2014-12-12	04:00:00"	6.953	178	12.04	11.14	4.338	182.3	18.21	8.16	50.07	50.13	-0.061	99.4	105	26.379	0		0	
"2014-12-12	05:00:00"	5.938	172.1	16.62	11.14	3.72	174.6	21.8	8.75	50.55	50.61	-0.065	99.4	202.1	26.383	0		0	
"2014-12-12	06:00:00"	7.06	185.4	15.28	11.74	4.461	189	19.33	8.75	51.03	51.09	-0.064	99.4	208	26.384	0		0	
"2014-12-12	07:00:00"	8.96	183.7	10.31	14.72	5.771	188.1	16.53	11.14	51.13	51.2	-0.072	99.3	228	26.386	0		0.01	
"2014-12-12	08:00:00"	9.36	189	11.66	13.52	6.009	193.7	16.53	10.54	50.58	50.68	-0.102	99.4	"NAN"	26.394	1.0077		0	
"2014-12-12	09:00:00"	7.676	197.3	10.11	12.33	5.083	202.1	14.49	9.35	50.37	50.54	-0.176	99.4	207.2	26.413	21.526		0	
"2014-12-12	10:00:00"	7.809	196.5	13.73	12.33	5.237	200.3	16.91	9.35	50.92	51.23	-0.314	99.4	150.2	26.431	59.701		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-12	11:00:00"	7.944	191.8	16.64	12.33	5.498	195.7	19.96	9.35	51.82	52.24	-0.427	99.3	181.3	26.442	101.84		0	
"2014-12-12	12:00:00"	6.027	199.3	18.62	11.14	4.477	203.3	21.46	8.75	52.55	53.21	-0.655	99.1	199.1	26.437	188.02		0	
"2014-12-12	13:00:00"	6.27	196.5	17.03	11.74	4.7	199.3	21.26	9.95	53.79	54.56	-0.77	98.5	254.7	26.424	280.32		0	
"2014-12-12	14:00:00"	7.782	213.1	12.92	12.33	5.863	216.7	16.38	10.54	56.75	58.36	-1.61	94.8	228.6	26.403	491.98		0	
"2014-12-12	15:00:00"	7.793	195.1	15.36	12.93	5.835	200.7	19.93	12.33	61.19	62.66	-1.465	79.99	"NAN"	26.396	471.64		0	
"2014-12-12	16:00:00"	7.657	178.3	15.31	11.74	5.403	183.5	20.01	9.35	64.89	65.95	-1.066	63.39	167.9	26.399	353.84		0	
"2014-12-12	17:00:00"	7.078	182.6	14.81	12.33	4.772	187.3	19.79	9.35	65.64	66.52	-0.872	59.21	79.05	26.398	190.78		0	
"2014-12-12	18:00:00"	5.861	190.7	9.74	8.16	2.892	194.1	13.62	5.771	62.6	61.19	1.414	63.82	68.31	26.387	26.07		0	
"2014-12-12	19:00:00"	4.922	176	13.44	7.561	1.794	138.1	34.52	3.386	57.7	53.97	3.729	73.13	75.41	26.356	0.00093		0	
"2014-12-12	20:00:00"	4.511	156.8	5.921	6.368	2.106	114.2	15.34	2.789	56.27	52.72	3.551	76.18	78.11	26.337	0		0	
"2014-12-12	21:00:00"	4.724	167.2	19.18	7.561	1.911	137.8	42.14	3.386	55.31	51.47	3.843	76.48	78.69	26.337	0		0	
"2014-12-12	22:00:00"	4.6	189.7	12.73	6.964	1.458	190.3	31.51	3.982	52.58	49.47	3.115	82.6	81.6	26.338	0		0	
"2014-12-12	23:00:00"	4.745	209.5	8.18	6.964	1.703	231.1	22.04	3.386	51.62	48.99	2.632	90	86.4	26.335	0		0	
"2014-12-13	00:00:00"	4.863	204.3	5.309	6.964	1.696	219.4	12.71	3.386	50.8	48.51	2.284	94.9	89.5	26.336	0		0	
"2014-12-13	01:00:00"	5.414	195.2	12.27	12.33	2.838	208.5	21.62	8.16	51.25	50.4	0.843	97.9	91.1	26.333	0		0	
"2014-12-13	02:00:00"	9.38	185.3	10.48	15.31	5.963	190.1	16.5	11.14	53.9	53.83	0.062	98.6	91.9	26.344	0		0	
"2014-12-13	03:00:00"	8.73	188	10.93	15.31	5.592	192.5	16.59	10.54	54.04	54.05	-0.007	98.6	91.9	26.348	0		0	
"2014-12-13	04:00:00"	9.76	198.1	9.22	15.31	6.567	202.9	13.43	11.14	53.58	53.62	-0.045	98.5	91.9	26.345	0		0	
"2014-12-13	05:00:00"	10.51	194.5	9.44	17.1	6.857	198.5	14.17	12.93	53.01	53.08	-0.062	98.9	91.9	26.335	0		0	
"2014-12-13	06:00:00"	9.47	193.8	9.39	14.72	6.188	198.9	14.26	11.14	52.56	52.63	-0.062	99.1	91.7	26.32	0		0	
"2014-12-13	07:00:00"	8.75	196.4	9.13	15.31	5.706	201	13.68	10.54	52.19	52.26	-0.074	99.1	92.3	26.315	0		0	
"2014-12-13	08:00:00"	8.96	194.6	10.86	16.51	5.878	198	15.29	11.14	51.55	51.66	-0.102	99.2	92.9	26.317	1.6629		0	
"2014-12-13	09:00:00"	9.65	193.3	10.4	15.31	6.346	197.9	15.5	11.74	51.26	51.48	-0.219	99.3	91.6	26.318	35.377		0	
"2014-12-13	10:00:00"	9.69	183.6	13.07	14.12	6.185	187.4	18.36	11.14	52.02	52.39	-0.365	99.2	91.4	26.331	85.045		0	
"2014-12-13	11:00:00"	9.72	184.4	16.92	14.72	6.441	188.2	21	11.14	52.89	53.39	-0.499	99.1	92.9	26.336	130.3		0	
"2014-12-13	12:00:00"	9.23	200.8	13.05	13.52	6.609	205.8	16.21	11.14	54.72	55.89	-1.172	97.4	93.3	26.334	249.55		0	
"2014-12-13	13:00:00"	7.661	202.8	17.65	12.93	5.697	206.8	19.62	11.14	58.94	60.26	-1.313	86.2	76.21	26.319	411.83		0	
"2014-12-13	14:00:00"	9.33	175.2	20.04	14.72	6.549	181.5	25.03	11.74	65.01	66.24	-1.226	67.13	62.83	26.293	489.86		0	
"2014-12-13	15:00:00"	10.85	183.1	15.02	17.7	7.481	188	20.14	14.12	67.77	69.11	-1.336	58.09	54.85	26.281	453.83		0	
"2014-12-13	16:00:00"	11.71	189.2	14.66	18.89	7.964	194.1	19.04	14.72	69.28	70.47	-1.195	50.63	48.74	26.272	360.34		0	
"2014-12-13	17:00:00"	10.76	199	10.56	17.7	7.188	203.2	14.52	12.93	69.58	69.86	-0.277	47.15	47.41	26.26	152.9		0	
"2014-12-13	18:00:00"	6.47	170.9	22.67	11.74	3.174	162.9	27.9	7.561	65.33	63.55	1.78	54.43	55.89	26.232	17.795		0	
"2014-12-13	19:00:00"	10.36	145.5	8.27	14.12	5.862	146.8	14.34	9.95	62.12	61.11	1.011	67.94	66.44	26.201	0.03025		0	
"2014-12-13	20:00:00"	13.64	150.4	8.24	23.66	8.2	152.9	15.23	17.1	60.63	59.97	0.667	71.43	68.84	26.194	0		0	
"2014-12-13	21:00:00"	13.17	149.4	9.2	23.07	7.732	152	15.95	15.91	57.77	57.2	0.569	80.3	75.82	26.189	0		0	
"2014-12-13	22:00:00"	14.96	157.1	9.6	25.45	9.35	160.6	16.49	17.7	57.09	56.97	0.121	86.8	80.9	26.18	0		0	
"2014-12-13	23:00:00"	18.16	162.8	9.12	29.63	11.18	166	16	20.09	57.39	57.36	0.03	87.7	81.6	26.168	0		0	
"2014-12-14	00:00:00"	18.78	165.8	9.21	30.82	11.69	169.6	16.33	23.07	57.26	57.21	0.044	87.7	81.6	26.15	0		0	
"2014-12-14	01:00:00"	18.35	166.4	9.39	27.84	11.34	170.2	16.19	21.28	56.58	56.56	0.027	88.1	81.9	26.133	0		0	
"2014-12-14	02:00:00"	17.9	186.2	17.02	26.05	11.52	190.1	20.41	19.49	56.75	56.75	0.007	88.3	82	26.13	0		0	
"2014-12-14	03:00:00"	14.19	196.7	9.3	22.47	9.39	200.8	13.62	15.91	56.69	56.6	0.086	89.2	82.9	26.139	0		0	
"2014-12-14	04:00:00"	8.75	203.6	15.7	15.31	5.58	207.1	17.6	12.33	55.02	54.57	0.45	92.2	85.8	26.13	0		0	
"2014-12-14	05:00:00"	11.56	255.8	14.27	21.28	8.69	255.5	15.45	18.3	53.51	52.91	0.594	85	81.2	26.134	0		0	
"2014-12-14	06:00:00"	13.09	258.7	11.78	21.87	10.13	257.1	13.82	18.89	51.62	50.78	0.836	56.22	55.85	26.123	0		0	
"2014-12-14	07:00:00"	11.97	252.9	10.4	20.68	9.14	251.7	13.11	15.31	49.76	48.92	0.847	46.49	46.48	26.121	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-14	08:00:00"	8.5	241	15.53	15.31	5.854	237.9	18	12.33	46.91	45.63	1.274	47.11	47.11	26.125	3.0314		0	
"2014-12-14	09:00:00"	11.45	253.9	11.57	20.09	8.95	252.9	13.81	17.1	48.78	48.31	0.468	39.59	39.46	26.129	111.51		0	
"2014-12-14	10:00:00"	14.48	249.6	9.81	21.87	11.89	249	12.06	20.68	52.03	52.13	-0.097	34.73	33.91	26.163	287.87		0	
"2014-12-14	11:00:00"	18.21	260.4	13.38	29.63	14.31	259.3	15.73	24.86	54.66	55.14	-0.481	29.89	28.57	26.185	438.81		0	
"2014-12-14	12:00:00"	17.75	246.3	19.37	27.24	13.87	246.5	20.39	23.07	57.38	58.01	-0.627	24.77	23.03	26.179	543.7		0	
"2014-12-14	13:00:00"	21.07	231.3	11.2	32.01	16.08	232.2	12.9	27.84	58.59	59.28	-0.688	24.62	22.7	26.152	593.1		0	
"2014-12-14	14:00:00"	21.95	239	11.1	36.19	17.29	239.3	12.82	27.84	60.45	61.01	-0.559	20.76	18.77	26.124	579.75		0	
"2014-12-14	15:00:00"	22.3	244.2	11.05	35	17.82	244.2	13.48	30.22	62.47	62.92	-0.444	17.06	14.88	26.109	505.83		0	
"2014-12-14	16:00:00"	23.68	258.7	10.78	36.19	18.75	258.1	13.64	31.42	63.35	63.71	-0.358	13.43	10.85	26.108	378.19		0	
"2014-12-14	17:00:00"	22.21	261.7	11.07	36.78	17.23	261.4	14.24	30.82	62.42	62.62	-0.191	14.38	11.74	26.112	215.05		0	
"2014-12-14	18:00:00"	19.07	261.6	9.49	30.82	14.59	260.2	12.64	24.26	59.63	59.19	0.439	17.57	15.28	26.114	42.802		0	
"2014-12-14	19:00:00"	15.7	276.9	9.61	23.07	11.51	276.3	12.95	21.28	56.68	55.89	0.783	21.38	19.4	26.109	0.08966		0	
"2014-12-14	20:00:00"	8.26	300.4	10.96	15.91	5.052	303	20.01	12.93	50.98	49.12	1.851	28.63	27.98	26.118	0		0	
"2014-12-14	21:00:00"	4.961	261.5	22.48	8.16	2.342	272	52	5.175	47.81	43.46	4.348	31.73	34.89	26.108	0		0	
"2014-12-14	22:00:00"	6.265	302	9.91	9.35	2.87	303	23.2	5.175	44.96	41.25	3.719	36.62	39.35	26.109	0		0	
"2014-12-14	23:00:00"	5.11	285.8	18.53	8.16	2.267	276.3	52.82	4.578	42.75	39.1	3.648	40.57	42.58	26.117	0		0	
"2014-12-15	00:00:00"	4.263	290.3	13.83	8.16	1.611	301.2	39.95	3.386	41.68	38.35	3.334	43.39	44.69	26.124	0		0	
"2014-12-15	01:00:00"	3.863	299.5	23.61	8.16	1.686	273.2	76.4	3.386	40.52	37.1	3.423	47	47.73	26.122	0		0	
"2014-12-15	02:00:00"	4.306	311.1	15.04	6.368	1.976	317.8	47.39	3.982	40.18	36.31	3.862	47.27	49.72	26.119	0		0	
"2014-12-15	03:00:00"	4.595	295	21.4	6.964	2.157	282.5	50.6	3.982	38.11	35.06	3.054	50.67	51.63	26.123	0		0	
"2014-12-15	04:00:00"	3.375	285	17.32	6.368	1.436	324.6	63.1	3.386	36.54	33.82	2.718	52.52	52.36	26.126	0		0	
"2014-12-15	05:00:00"	7.164	318.9	10.49	11.74	4.291	325.5	8.28	8.75	38.44	36.11	2.337	49.8	49.55	26.129	0		0	
"2014-12-15	06:00:00"	7.821	318.4	7.65	11.74	4.939	324.5	9.54	9.35	39.51	37.82	1.685	48.68	47.58	26.146	0		0	
"2014-12-15	07:00:00"	8.48	319.3	6.942	12.33	3.465	337.1	21.09	5.771	39.84	38	1.839	46.95	46.34	26.159	0		0	
"2014-12-15	08:00:00"	10.17	324.7	6.653	14.12	4.452	347.7	16.77	7.561	40.1	39.03	1.063	45.17	43.37	26.175	3.2664		0	
"2014-12-15	09:00:00"	9.09	326.7	9.46	14.12	4.886	345	19.48	11.14	42.16	42.29	-0.136	40.61	38.32	26.205	107.12		0	
"2014-12-15	10:00:00"	8.57	320.7	10.65	12.33	4.553	341.4	23.82	10.54	48.48	49.53	-1.049	31.1	28.77	26.262	283.26		0	
"2014-12-15	11:00:00"	6.167	307.2	19.21	9.95	3.678	315.5	32.13	8.16	54.11	55.84	-1.729	24.8	21.89	26.321	429.55		0	
"2014-12-15	12:00:00"	6.352	282.9	27.36	12.33	4.07	279.1	42.54	9.35	58.5	60	-1.496	20.74	17.95	26.352	541.74		0	
"2014-12-15	13:00:00"	4.761	298.6	61.02	10.54	3.483	303.1	67.39	8.75	61.53	62.52	-0.991	18.61	16.3	26.35	588.44		0	
"2014-12-15	14:00:00"	5.599	230.9	43.84	12.93	4.364	229.4	45.37	10.54	63.45	63.92	-0.467	17.19	14.88	26.334	577.73		0	
"2014-12-15	15:00:00"	7.049	236.7	30.19	13.52	5.603	236.2	29.14	11.14	64.2	64.74	-0.531	16.03	13.64	26.328	492.8		0	
"2014-12-15	16:00:00"	6.701	245.2	25.8	13.52	5.291	246.1	27.17	10.54	64.6	65.05	-0.446	14.89	12.47	26.331	363.6		0	
"2014-12-15	17:00:00"	6.201	232.2	23.02	11.74	4.652	232.8	23.15	8.75	63.8	64	-0.204	15.51	13.23	26.334	172.49		0	
"2014-12-15	18:00:00"	6.551	193.8	12.03	10.54	3.257	185.6	29.06	8.16	57.88	56.17	1.712	23.85	23.03	26.331	28.605		0	
"2014-12-15	19:00:00"	4.699	169.9	9.5	6.964	1.521	109.8	27.65	3.386	52.56	48.35	4.21	28.53	30.32	26.305	0.00673		0	
"2014-12-15	20:00:00"	2.691	142.2	22.55	5.175	1.731	58.98	17.61	2.789	50.56	47.44	3.116	30.39	32.49	26.304	0		0	
"2014-12-15	21:00:00"	3.261	92.8	29.24	16.51	2.654	52.78	15.03	11.14	50.21	46.45	3.759	29.89	35.7	26.316	0		0	
"2014-12-15	22:00:00"	10.68	78.8	8.61	15.31	6.103	74.85	16.56	10.54	45.13	43.81	1.32	39.14	38.22	26.336	0		0	
"2014-12-15	23:00:00"	10.64	71.2	6.951	15.31	6.201	65.55	13.83	9.95	42.21	41	1.206	44.54	42.45	26.348	0		0	
"2014-12-16	00:00:00"	10.08	66	8.23	14.12	6.171	63.1	13.58	9.95	40.1	39.2	0.904	49.83	46.36	26.358	0		0	
"2014-12-16	01:00:00"	10.27	58.26	7.723	14.12	6.683	58.17	12.72	10.54	39.23	38.46	0.771	53.58	49.38	26.36	0		0	
"2014-12-16	02:00:00"	9.32	63.18	7.592	12.93	5.538	62.17	14.32	9.35	38.37	37.41	0.961	57.5	53.05	26.365	0		0	
"2014-12-16	03:00:00"	10.5	60.8	6.985	14.12	6.545	58.6	12.93	10.54	38.34	37.46	0.88	59.87	55.16	26.374	0		0	
"2014-12-16	04:00:00"	11.3	64.14	6.804	15.31	7.233	62.84	13.3	11.14	37.4	36.63	0.771	62.64	57.36	26.381	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-16	05:00:00"	13.32	62.7	8.99	19.49	8.66	60.89	13.57	14.72	36.3	35.78	0.52	66.36	60.11	26.389	0	0		
"2014-12-16	06:00:00"	11.26	66.71	8.25	15.91	7.244	65.54	14.24	11.74	34.99	34.45	0.543	70.72	63.82	26.398	0	0		
"2014-12-16	07:00:00"	10.23	54.45	9.73	17.1	6.316	54.13	13.93	11.74	33.22	32.76	0.457	74.64	66.96	26.407	0	0		
"2014-12-16	08:00:00"	11.55	49.32	10	17.1	6.396	45.86	14.28	13.52	32.45	32.09	0.36	76.75	68.58	26.415	1.8027	0		
"2014-12-16	09:00:00"	11.95	49.36	11.38	19.49	6.965	47.24	15.08	14.12	33.54	33.71	-0.179	75.04	66.77	26.427	100.04	0		
"2014-12-16	10:00:00"	13.83	66.34	10.04	20.68	9.1	64.01	15.9	15.91	37.49	38.54	-1.055	66.03	58.32	26.453	274.17	0		
"2014-12-16	11:00:00"	12.31	82.2	12.68	19.49	8.48	80.9	20.27	16.51	42.02	43.37	-1.343	56.63	50.22	26.497	407.69	0		
"2014-12-16	12:00:00"	11.97	90.5	13.6	18.89	8.54	89.3	20.67	14.72	45.56	47.21	-1.653	49.86	44.37	26.504	509.59	0		
"2014-12-16	13:00:00"	11.11	104.9	14.74	17.1	8.14	104.7	21.3	14.12	47.14	48.38	-1.242	47.33	42.69	26.482	327.92	0		
"2014-12-16	14:00:00"	10.76	113.2	13.55	16.51	7.745	112.8	19.36	14.12	48.08	49.08	-1.002	46.24	42.1	26.441	237.84	0		
"2014-12-16	15:00:00"	11.26	113.9	11.61	18.89	8.04	114.1	18.54	14.12	49.52	50.48	-0.961	43.41	39.93	26.412	219.03	0		
"2014-12-16	16:00:00"	10.86	116.8	11.02	18.3	7.687	118	17.23	14.72	50.35	51.07	-0.723	41.61	38.74	26.403	170.24	0		
"2014-12-16	17:00:00"	11.32	118	9.38	16.51	7.587	118.5	15.52	13.52	49.99	50.39	-0.397	41.97	39.34	26.404	74.079	0		
"2014-12-16	18:00:00"	9.87	119.3	9.3	15.91	6.401	119.7	15.07	12.33	49.7	49.63	0.068	43.28	40.97	26.402	23.383	0		
"2014-12-16	19:00:00"	7.392	97.9	14.33	11.14	4.668	96.5	19.27	8.16	48.46	48.04	0.426	45.62	43.34	26.398	0	0		
"2014-12-16	20:00:00"	7.353	83.4	9.79	10.54	4.133	80.3	16.74	7.561	46.22	45.36	0.862	49.76	47.22	26.39	0	0		
"2014-12-16	21:00:00"	8.95	89.5	7.759	12.33	5.102	89	14.7	8.75	43.88	42.96	0.92	53.51	50.49	26.369	0	0		
"2014-12-16	22:00:00"	7.731	108.6	8.81	12.33	4.605	106.2	14.27	8.75	45.06	44.19	0.871	51.65	49.1	26.362	0	0		
"2014-12-16	23:00:00"	8.14	120.8	8.43	11.74	4.931	119.8	13.59	8.16	45.73	44.99	0.746	50.96	48.33	26.358	0	0		
"2014-12-17	00:00:00"	6.503	104.1	10.64	9.35	3.603	99.7	16.88	5.771	44.76	43.65	1.106	53.98	51.38	26.348	0	0		
"2014-12-17	01:00:00"	5.688	89.4	5.368	8.16	2.965	83.4	13.17	5.175	44.34	43.64	0.704	56.19	53.03	26.333	0	0		
"2014-12-17	02:00:00"	5.774	90.5	9.05	8.75	3.38	87.5	15.2	6.368	44.84	44.48	0.353	57.1	53.23	26.31	0	0		
"2014-12-17	03:00:00"	7.67	105	9.74	12.93	5.157	103.9	15.68	9.35	45.9	45.62	0.279	56.45	52.46	26.283	0	0		
"2014-12-17	04:00:00"	9.23	115.3	8.83	13.52	6.121	115.1	14.99	11.14	46.63	46.48	0.15	56.65	52.46	26.264	0	0		
"2014-12-17	05:00:00"	6.961	128.1	14.48	13.52	4.427	129.7	19.89	9.95	46.77	46.58	0.191	57.57	53.42	26.262	0	0		
"2014-12-17	06:00:00"	7.719	139.4	13.36	15.31	4.659	140.3	19.34	11.14	47.58	47.38	0.196	57.13	53.13	26.259	0	0		
"2014-12-17	07:00:00"	11.17	146.1	9.41	17.1	6.864	148.2	15.76	12.93	47.09	46.98	0.11	60.07	55.36	26.25	0	0		
"2014-12-17	08:00:00"	8.63	147.3	9.81	14.12	5.251	149.4	15.67	10.54	46.61	46.44	0.167	61.62	56.82	26.259	0.7232	0		
"2014-12-17	09:00:00"	6.145	120.8	11.02	10.54	3.84	120.9	16.4	7.561	45.99	45.84	0.149	62.27	57.42	26.263	66.135	0		
"2014-12-17	10:00:00"	10.91	146.5	17.41	20.09	7.311	149.1	22.25	14.12	48.28	49.2	-0.917	58.24	52.27	26.27	256.32	0		
"2014-12-17	11:00:00"	13.05	170.1	13.15	18.89	8.52	174.4	19.48	15.31	49.98	51.37	-1.393	58.55	51.82	26.292	406.45	0		
"2014-12-17	12:00:00"	12.84	185.8	15.23	19.49	8.82	190.5	20.21	15.31	52.37	53.85	-1.486	57.15	50.71	26.297	510.78	0		
"2014-12-17	13:00:00"	12.23	198.5	14.69	19.49	8.7	202.7	17.71	16.51	55.39	56.77	-1.382	52.61	47.46	26.277	563.62	0		
"2014-12-17	14:00:00"	11.92	225.6	14.5	19.49	9.27	226.7	15.73	17.1	57.78	58.67	-0.882	46.6	43.48	26.255	555.93	0		
"2014-12-17	15:00:00"	15.32	248.7	14.49	26.05	12.42	248.6	16.78	21.87	60.94	61.55	-0.607	39.51	38.21	26.238	488.9	0		
"2014-12-17	16:00:00"	17.42	259.3	14.54	29.03	13.88	258.7	16.98	23.66	62.51	62.92	-0.407	32.61	31.71	26.238	346.24	0		
"2014-12-17	17:00:00"	16.53	257.7	11.64	30.22	13.22	256.7	14.18	23.66	63.04	63.28	-0.233	29.22	28.35	26.238	205.6	0		
"2014-12-17	18:00:00"	14.77	265.4	9.77	24.26	11.24	264.1	13.57	20.09	60.69	60.28	0.405	31.11	30.55	26.246	40.577	0		
"2014-12-17	19:00:00"	8.84	252.2	7.725	18.3	6.161	250.5	9.35	17.1	55.94	54.65	1.287	36.36	36.43	26.253	0.0678	0		
"2014-12-17	20:00:00"	8.02	239.7	6.349	11.14	4.887	240.1	7.855	7.561	52.12	50.27	1.856	42.39	42.51	26.244	0	0		
"2014-12-17	21:00:00"	6.726	235	9.3	10.54	3.753	238.3	13.7	6.964	50.3	48.57	1.735	47.11	46.36	26.248	0	0		
"2014-12-17	22:00:00"	5.509	239.8	9.65	8.75	2.74	226	14.96	5.175	48.01	45.16	2.846	51.39	51.52	26.244	0	0		
"2014-12-17	23:00:00"	3.43	191.8	29.41	6.964	2.415	142.8	42.68	4.578	46.87	43.44	3.428	53.58	54.44	26.245	0	0		
"2014-12-18	00:00:00"	5.952	244.6	39.24	10.54	2.71	245.3	51.8	7.561	47.88	42.69	5.182	52.29	56.18	26.247	0	0		
"2014-12-18	01:00:00"	7.841	295.5	8.09	9.95	3.906	301.4	11.33	6.368	47.34	43.21	4.136	54.61	56.92	26.24	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-18	02:00:00"	6.77	275.1	13.49	11.74	3.861	280.4	23.63	9.35	46.66	42.48	4.176	56.5	58.44	26.24	0	0		
"2014-12-18	03:00:00"	4.847	265	44.18	10.54	3.001	250.2	74.51	7.561	45.15	41.91	3.238	60.83	60.69	26.237	0	0		
"2014-12-18	04:00:00"	9.75	303.7	10.76	15.31	6.053	307.8	12.48	11.74	45.94	43.1	2.834	60.36	60.07	26.235	0	0		
"2014-12-18	05:00:00"	5.314	242.9	53.12	9.35	3.304	229.2	79.15	6.368	43.5	39.78	3.72	65.3	64.88	26.253	0	0		
"2014-12-18	06:00:00"	4.152	215.1	49.97	11.74	2.372	56.61	90.1	7.561	41.58	36.68	4.897	69.15	70.17	26.236	0	0		
"2014-12-18	07:00:00"	7.3	330.8	8.75	9.35	4.112	335.5	12.46	6.368	43.43	40.22	3.205	65.34	65.33	26.235	0	0		
"2014-12-18	08:00:00"	2.848	143	87.6	5.771	2.311	95	75.17	4.578	39.5	35.35	4.149	73.12	71.97	26.257	2.4348	0		
"2014-12-18	09:00:00"	3.716	12.98	17.22	8.16	2.166	18.17	50.36	7.561	40.32	38.14	2.185	71.62	69.43	26.264	65.324	0		
"2014-12-18	10:00:00"	2.158	53.26	84.7	6.368	1.814	46.51	81	6.368	50.73	51	-0.271	53.34	51.12	26.313	280.64	0		
"2014-12-18	11:00:00"	4.976	310.4	26.99	9.95	4.117	311.5	30.27	9.95	54.84	55.28	-0.442	47.05	45.34	26.374	419.13	0		
"2014-12-18	12:00:00"	6.973	310.5	21.68	11.74	5.747	312	25.71	11.74	56.68	57.11	-0.428	44.52	43.1	26.385	461.47	0		
"2014-12-18	13:00:00"	4.266	275.3	70.4	9.95	3.512	282.3	72.52	9.35	59.56	59.88	-0.318	38.69	38.27	26.369	413.84	0		
"2014-12-18	14:00:00"	4.996	264.4	53.88	11.14	4.155	264.7	60.67	8.75	60.78	60.88	-0.101	37.55	37.24	26.343	551.02	0		
"2014-12-18	15:00:00"	6.813	224.2	38.35	14.12	5.212	228.3	40.94	11.14	62.52	63.24	-0.723	35.98	34.77	26.338	496.32	0		
"2014-12-18	16:00:00"	7.613	211	19.08	17.1	5.625	214.6	19.39	11.74	61.31	61.75	-0.434	35.83	34.84	26.324	204.18	0		
"2014-12-18	17:00:00"	6.15	197	25.12	11.74	4.112	198.2	29.31	9.35	60.26	60.34	-0.078	37.4	36.77	26.308	91.594	0		
"2014-12-18	18:00:00"	3.213	167.4	33.82	5.771	1.968	148.2	43.45	3.386	58.32	56.94	1.38	39.56	40.81	26.289	15.597	0		
"2014-12-18	19:00:00"	4.145	143.9	9.36	5.771	1.698	102.2	18.53	2.789	54.4	52.36	2.039	44.86	46.32	26.284	0	0		
"2014-12-18	20:00:00"	5.296	137.8	5.37	7.561	2.146	99.1	17.62	3.386	52.9	49.96	2.939	46.98	49.99	26.281	0	0		
"2014-12-18	21:00:00"	3.432	156.6	41.59	5.175	1.522	118.5	89.1	3.386	50.65	48.51	2.141	51.14	51.89	26.279	0	0		
"2014-12-18	22:00:00"	2.621	238.2	47.05	6.368	1.577	327	54.4	4.578	50.67	48.41	2.257	51.03	51.73	26.286	0	0		
"2014-12-18	23:00:00"	4.337	250.2	22.3	6.964	2	273.7	49.94	3.982	51.53	48.44	3.084	49.98	52.83	26.3	0	0		
"2014-12-19	00:00:00"	4.145	268.4	25.83	8.16	2.393	285.1	38.38	4.578	50.26	48.98	1.278	53.06	53.06	26.317	0	0		
"2014-12-19	01:00:00"	7.275	46.85	42.37	13.52	4.612	49.66	38.68	11.14	48.79	48.13	0.658	62.67	59.82	26.323	0	0		
"2014-12-19	02:00:00"	9.94	72.34	11.93	14.72	6.331	69.44	17.94	11.74	43.08	43.06	0.023	83.6	75.02	26.302	0	0		
"2014-12-19	03:00:00"	9.74	67.98	10.7	13.52	6.313	66.26	16.08	10.54	41.12	41.07	0.051	88.1	78.88	26.284	0	0		
"2014-12-19	04:00:00"	8.58	68.54	8.11	12.93	5.496	67.25	14.35	10.54	38.3	37.96	0.343	93.3	83.2	26.267	0	0		
"2014-12-19	05:00:00"	8.49	70.25	7.272	11.74	5.409	67.43	13.76	8.16	36.4	35.98	0.421	96.1	85.6	26.251	0	0		
"2014-12-19	06:00:00"	8.3	75.76	13.4	12.33	5.349	73.88	18.02	9.35	34.74	34.55	0.184	98.5	87.4	26.243	0	0		
"2014-12-19	07:00:00"	5.988	94.8	15.42	9.95	4.18	94.4	21.98	8.75	35.25	35.4	-0.147	99.1	89.6	26.257	0	0		
"2014-12-19	08:00:00"	4.612	112.7	27.73	8.16	3.285	112.6	34.46	5.771	35.71	35.89	-0.175	99.2	89.9	26.289	0.92709	0		
"2014-12-19	09:00:00"	3.305	124.5	44.78	6.964	2.254	129	54.56	5.175	36.39	36.61	-0.218	99.3	89.6	26.307	26.996	0		
"2014-12-19	10:00:00"	3.395	48.61	44.45	6.368	2.542	38.38	53.14	6.368	37.16	37.51	-0.355	99.2	90	26.326	85.998	0		
"2014-12-19	11:00:00"	3.097	2.541	66.27	6.964	2.574	357.5	72.32	6.368	38.98	39.32	-0.34	98.9	91.4	26.344	152.18	0		
"2014-12-19	12:00:00"	3.981	306.7	45.47	9.35	3.296	310.6	47.44	6.964	42.38	43.28	-0.898	96.3	92	26.36	409.9	0		
"2014-12-19	13:00:00"	4.009	302.9	58.54	9.35	3.33	299.9	65.15	8.16	49.83	50.63	-0.8	73.39	61.62	26.368	571.07	0		
"2014-12-19	14:00:00"	4.194	273.8	56.35	9.95	3.329	276.2	59.24	9.35	55.38	55.91	-0.527	45.66	44.16	26.364	562.19	0		
"2014-12-19	15:00:00"	5.139	260.2	41.73	11.74	4.216	256	46.62	11.14	56.73	57.15	-0.417	41.48	40.05	26.356	493.37	0		
"2014-12-19	16:00:00"	8.33	263.2	27.27	14.72	6.725	262.3	30.12	12.93	58.21	58.78	-0.57	33.18	31.91	26.349	374.61	0		
"2014-12-19	17:00:00"	9.07	275.6	18.43	14.72	7.301	274.8	22.42	12.93	58.19	58.72	-0.53	28.89	27.41	26.348	217.52	0		
"2014-12-19	18:00:00"	7.077	278.6	11.05	12.93	4.755	279.4	14.65	10.54	55.62	55.01	0.604	30.65	29.99	26.345	47.286	0		
"2014-12-19	19:00:00"	3.004	289.9	27.41	5.771	1.442	354.7	45.44	3.386	50.5	46.35	4.156	36.92	39.46	26.318	0.14372	0		
"2014-12-19	20:00:00"	1.568	321.3	44.72	8.16	1.444	57.89	17.25	5.771	47.76	42.6	5.16	40.69	48.47	26.295	0	0		
"2014-12-19	21:00:00"	7.997	103.2	22.76	14.12	4.462	99.8	23.11	9.35	43.17	39.79	3.388	59.69	58.47	26.292	0	0		
"2014-12-19	22:00:00"	8.34	112.8	12.53	12.33	4.996	110.5	18.06	8.16	40.26	39.45	0.812	84.4	76.58	26.296	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-19	23:00:00"	7.628	100.3	9.5	12.93	5.079	97	15.02	9.95	37.52	36.97	0.559	91.9	82.2	26.299	0	0		
"2014-12-20	00:00:00"	6.268	103.3	9.28	10.54	4.031	96.7	15.78	7.561	35.74	35.08	0.662	95.9	85.4	26.304	0	0		
"2014-12-20	01:00:00"	5.894	109.7	9.18	10.54	3.629	105.6	15.71	6.964	34.76	34.19	0.568	98	87.3	26.297	0	0		
"2014-12-20	02:00:00"	2.752	157.3	23.2	8.16	1.764	163.4	32.14	4.578	34.48	34.43	0.05	98.5	88.1	26.294	0	0		
"2014-12-20	03:00:00"	5.683	128.2	11.52	9.95	3.768	128.2	17.26	6.964	36.07	36.15	-0.076	99.1	88.9	26.296	0	0		
"2014-12-20	04:00:00"	6.251	110.6	11.7	12.93	4.429	109.7	17.39	9.95	36.23	36.34	-0.116	99.3	91.1	26.295	0	0		
"2014-12-20	05:00:00"	6.705	105.2	11.13	9.95	4.79	105	17.37	7.561	36.46	36.6	-0.144	99.4	90.1	26.284	0	0		
"2014-12-20	06:00:00"	6.46	93	10.54	9.95	4.691	92.1	17.04	7.561	36.22	36.39	-0.167	99.4	89.7	26.271	0	0		
"2014-12-20	07:00:00"	6.325	91.6	10.42	11.14	4.426	91.4	17.67	8.75	35.87	36.08	-0.215	99.5	89.6	26.276	0	0		
"2014-12-20	08:00:00"	3.939	94.2	16.7	8.75	2.85	91.9	21.43	6.964	35.91	36.13	-0.22	99.6	"NAN"	26.283	1.2071	0		
"2014-12-20	09:00:00"	4.039	148.8	19.34	6.368	2.636	152.5	27.88	6.368	36.58	36.94	-0.359	99.6	"NAN"	26.3	21.299	0		
"2014-12-20	10:00:00"	4.049	200.7	31.73	8.16	2.953	206.2	34.29	6.368	37.26	37.62	-0.357	99.6	"NAN"	26.313	50.814	0		
"2014-12-20	11:00:00"	4.542	161.2	28.85	9.95	3.272	166.7	34.26	6.964	38.14	38.77	-0.627	99.3	"NAN"	26.319	136.28	0		
"2014-12-20	12:00:00"	5.621	162.1	25.96	11.14	3.964	167.6	35.17	9.35	40.13	41.1	-0.969	97.9	"NAN"	26.317	283.03	0		
"2014-12-20	13:00:00"	5.748	222.8	34.02	11.74	4.459	231.7	37.89	8.75	46.41	"NAN"	"NAN"	87.3	"NAN"	26.15	"NAN"	0		
"2014-12-20	14:00:00"	7.75	206.1	22.35	14.12	5.848	209.5	26.43	11.74	51.53	52.48	-0.952	54.64	"NAN"	26.302	572.67	0		
"2014-12-20	15:00:00"	8.89	209.6	16.64	16.51	6.699	212.5	19.43	15.31	53.57	54.56	-0.988	46.34	72.35	26.293	502.72	0		
"2014-12-20	16:00:00"	9.28	209.2	14.49	15.91	6.801	212.1	17.3	12.93	55.12	56.07	-0.952	40.58	45.29	26.282	381.93	0		
"2014-12-20	17:00:00"	9.02	210.7	13.56	15.31	6.48	213.6	15.4	11.74	55.54	56.28	-0.733	39.04	36.7	26.276	231.11	0		
"2014-12-20	18:00:00"	7.166	191.3	31.21	12.33	4.236	188.9	37.25	11.14	53.47	52.54	0.931	39.07	37.7	26.265	43.541	0		
"2014-12-20	19:00:00"	6.324	146	12.54	9.35	2.798	125.3	22.99	4.578	47.87	44.23	3.64	49.31	50.25	26.232	0.19795	0		
"2014-12-20	20:00:00"	6.266	131.1	5.389	8.16	3.021	87.5	11.48	4.578	47.13	41.79	5.334	49.84	53.71	26.215	0	0		
"2014-12-20	21:00:00"	6.349	138.2	5.574	8.16	2.686	88.6	11.53	3.982	46.61	40.2	6.415	50.08	56.3	26.211	0	0		
"2014-12-20	22:00:00"	5.868	164.8	21.55	9.35	2.339	144.8	40.57	4.578	44.29	40.04	4.249	54.96	56.18	26.216	0	0		
"2014-12-20	23:00:00"	6.305	200.6	6.738	8.75	2.798	207.9	12.96	5.175	41.5	38.84	2.664	76.72	69.87	26.215	0	0		
"2014-12-21	00:00:00"	6.796	203.1	12.89	17.1	3.806	212.7	18.66	11.74	40.04	38.87	1.175	92.4	82.7	26.211	0	0		
"2014-12-21	01:00:00"	11.22	196.8	11.19	19.49	7.419	201.2	15.29	14.12	41.67	41.73	-0.064	98.2	87.3	26.206	0	0		
"2014-12-21	02:00:00"	10.62	203.5	10.02	15.91	7.17	207.4	13.75	11.74	41.29	41.34	-0.046	99.2	89.3	26.199	0	0		
"2014-12-21	03:00:00"	9.24	208.1	10.24	13.52	6.186	211.2	13.15	9.95	40.57	40.67	-0.093	99.4	90.7	26.19	0	0		
"2014-12-21	04:00:00"	8.53	205.1	11.7	12.33	5.712	208.3	14.85	9.35	40.06	40.18	-0.12	99.5	89.9	26.172	0	0		
"2014-12-21	05:00:00"	7.483	211.5	14.81	11.74	5.239	214.1	16.64	8.75	39.46	39.6	-0.141	99.6	89.5	26.161	0	0		
"2014-12-21	06:00:00"	6.539	231.3	14.35	10.54	4.99	232.3	15.14	9.35	38.54	38.78	-0.245	99.6	81.3	26.153	0	0		
"2014-12-21	07:00:00"	5.655	226.5	11.3	8.16	4.292	227.6	13.58	6.964	37.36	37.64	-0.289	99.6	"NAN"	26.147	0	0		
"2014-12-21	08:00:00"	5.009	237.3	8.8	6.964	4.025	237.5	10.53	6.368	36.89	37.16	-0.262	99.6	"NAN"	26.152	0.78269	0		
"2014-12-21	09:00:00"	5.887	217	11.99	8.16	4.212	220	14.52	6.368	35.37	35.74	-0.374	99.6	"NAN"	26.139	31.244	0		
"2014-12-21	10:00:00"	5.619	213.2	11.86	8.16	4.321	215.7	15.51	6.964	37.12	37.65	-0.529	99.5	"NAN"	26.136	225.67	0		
"2014-12-21	11:00:00"	6.91	221.4	17.09	12.93	5.368	222.9	17.74	9.95	43.04	44.13	-1.09	96.1	"NAN"	26.16	412.45	0		
"2014-12-21	12:00:00"	11.91	225.7	10.59	18.89	9.06	226.5	12.74	15.31	53.68	54.9	-1.215	59.83	146.8	26.16	519.18	0		
"2014-12-21	13:00:00"	12.9	215.5	14.83	20.09	9.48	217.6	16.62	16.51	59.76	60.79	-1.028	38.77	113	26.167	564.92	0		
"2014-12-21	14:00:00"	15.74	222	16.65	26.65	11.55	223.7	17.91	20.68	63.35	64.33	-0.973	28.07	26.72	26.129	560.32	0		
"2014-12-21	15:00:00"	16.56	245.3	11.37	25.45	13.46	244.6	13.4	20.68	64.56	64.81	-0.255	23.94	23.36	26.114	449.49	0		
"2014-12-21	16:00:00"	16.9	249.7	11.27	26.05	13.68	249.5	13.91	22.47	65.21	65.37	-0.16	24.12	23.11	26.092	322.12	0		
"2014-12-21	17:00:00"	17.47	249.2	10.39	26.65	14.03	248.9	12.6	23.66	64.8	64.64	0.158	25.17	24.38	26.055	129.17	0		
"2014-12-21	18:00:00"	13.79	257.1	8.56	24.86	10.59	257.1	12.09	19.49	62.94	62.39	0.544	27.28	26.78	26.052	31.296	0		
"2014-12-21	19:00:00"	9.35	245.3	9.25	15.31	6.738	244.1	10.69	11.74	59.06	58.07	0.99	31.3	31.12	26.029	0.27392	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-21	20:00:00"	17.77	271.2	11.45	28.43	13.34	270	13.86	21.87	58.95	58.27	0.684	30.98	30.33	26.015	0	0		
"2014-12-21	21:00:00"	13.57	271.6	9.76	23.66	9.8	270.2	12.68	18.3	57.12	56.29	0.826	32.69	32.06	26.029	0	0		
"2014-12-21	22:00:00"	9.07	263.5	10.51	14.12	6.01	263.4	13.49	11.14	53.17	51.73	1.435	37.32	37.36	26.007	0	0		
"2014-12-21	23:00:00"	8.35	263.7	9.43	14.12	5.444	261	13.14	11.14	53.27	51.24	2.03	37.86	38.74	25.998	0	0		
"2014-12-22	00:00:00"	7.81	244.9	13.84	12.93	4.612	246.3	21.49	8.16	51.87	49.79	2.08	40.36	41.25	25.992	0	0		
"2014-12-22	01:00:00"	9.3	267.2	12.29	15.31	6.017	265.7	17.78	12.93	51.16	49.23	1.926	41.76	42.11	25.984	0	0		
"2014-12-22	02:00:00"	9.23	280.8	10.82	14.12	5.707	280.7	17.65	10.54	49.61	47.24	2.376	44.97	45.41	25.97	0	0		
"2014-12-22	03:00:00"	7.512	273.1	21	11.74	4.747	269.6	28.92	8.16	49.04	47.14	1.901	46.46	46.25	25.97	0	0		
"2014-12-22	04:00:00"	4.597	263.3	38.15	8.75	2.712	250.6	52.73	5.771	49.91	47.41	2.504	45.35	46.07	25.974	0	0		
"2014-12-22	05:00:00"	6.252	263.9	23.42	10.54	3.888	258.4	32.54	7.561	48.96	46.7	2.263	47.45	47.89	25.966	0	0		
"2014-12-22	06:00:00"	9.02	276.9	8.37	12.93	5.411	277	15.47	9.95	49.95	48.34	1.608	46.53	46.11	25.971	0	0		
"2014-12-22	07:00:00"	8.76	287.1	11.13	12.33	4.549	289.1	19.19	8.16	48.43	47.35	1.086	50.03	48.11	25.986	0	0		
"2014-12-22	08:00:00"	10	292.8	8.92	13.52	6.365	297.6	14.01	11.14	49.05	48.36	0.69	49.53	47.14	25.989	0.81487	0		
"2014-12-22	09:00:00"	7.578	296.4	12.71	11.74	4.99	299.1	16.45	8.16	49.37	48.53	0.834	49.46	47.43	26.005	35.806	0		
"2014-12-22	10:00:00"	6.811	310.3	12.34	11.74	4.961	313.3	14.58	8.75	52.78	52.23	0.541	44.79	43.55	26.03	91.32	0		
"2014-12-22	11:00:00"	7.675	295	11.4	14.72	6.147	297.8	14	11.14	56.38	56.18	0.205	39.63	38.95	26.055	150.98	0		
"2014-12-22	12:00:00"	11.72	292.3	9.68	21.87	9.51	294	13.48	18.3	61.61	61.64	-0.033	33.19	32.72	26.06	310.6	0		
"2014-12-22	13:00:00"	14.47	310.4	22.21	24.26	11.58	311.7	22.24	21.87	64.54	64.66	-0.122	30.16	29.67	26.058	291.28	0		
"2014-12-22	14:00:00"	10.55	352.5	16.94	16.51	8.02	348.6	16.96	14.12	63.04	63.59	-0.553	33.85	33.04	26.04	276.98	0		
"2014-12-22	15:00:00"	7.843	352	21.18	13.52	6.113	352.4	20.11	11.14	62.83	63.25	-0.419	34.06	33.42	26.005	259.26	0		
"2014-12-22	16:00:00"	3.33	11.13	32.57	7.561	2.517	7.461	35.75	5.771	65.74	65.82	-0.087	31.08	31.25	25.967	321.94	0		
"2014-12-22	17:00:00"	3.259	174.3	55.97	7.561	2.462	173.4	63.37	5.175	68.09	68.45	-0.362	27.75	27.23	25.962	209.9	0		
"2014-12-22	18:00:00"	9.72	80.7	10.76	21.28	5.894	79.2	17.58	14.72	61.4	60.89	0.511	36.76	36.4	25.954	17.87	0		
"2014-12-22	19:00:00"	11.8	88.5	11.95	20.09	7.352	88	17.84	15.31	54.36	53.81	0.551	48.26	46.16	25.931	0.21213	0		
"2014-12-22	20:00:00"	9.68	95.3	12.87	18.3	6.139	94.4	18.86	11.14	51.31	50.65	0.665	52.66	49.92	25.908	0	0		
"2014-12-22	21:00:00"	15.45	59.7	20.13	27.24	10.01	57.32	22.33	20.68	49.73	49.49	0.238	55.03	51.35	25.922	0	0		
"2014-12-22	22:00:00"	20.53	23.62	28.09	37.98	13.7	21.16	28.79	26.65	46.7	46.52	0.178	64.42	60.36	26.001	0	0.05		
"2014-12-22	23:00:00"	15.73	87.5	13.01	27.84	10.35	86.1	19.48	18.89	41.42	41.11	0.314	84.5	78.18	25.952	0	0.01		
"2014-12-23	00:00:00"	13.1	89.8	9.86	23.07	8.84	88.1	17.51	18.3	40.86	40.59	0.274	85.4	78.67	25.943	0	0		
"2014-12-23	01:00:00"	9.37	48.68	26.15	19.49	5.854	46.69	27.87	15.91	41.05	40.96	0.09	88.2	80.2	25.989	0	0		
"2014-12-23	02:00:00"	12.16	45.27	11.77	19.49	6.902	42.13	14.46	14.12	40.68	40.67	0.009	92.4	84	25.976	0	0		
"2014-12-23	03:00:00"	11.55	46.59	12.38	18.3	6.558	42.84	15.14	12.93	39.61	39.64	-0.026	89.8	81.6	25.981	0	0		
"2014-12-23	04:00:00"	10.65	40.24	11.96	17.7	5.914	37.79	13.57	12.93	38.92	38.95	-0.027	88	79.72	25.987	0	0		
"2014-12-23	05:00:00"	8.69	32.25	17.85	14.72	5.607	30.78	19.23	11.74	38.62	38.66	-0.041	90	81.4	26.004	0	0		
"2014-12-23	06:00:00"	9.87	1.2	16.66	18.3	7.498	358.3	16.39	15.91	37.63	37.77	-0.145	92.1	83	26.028	0	0.02		
"2014-12-23	07:00:00"	15.33	5.174	13.88	24.86	11.24	2.347	15.05	20.68	35.79	35.97	-0.177	93	83.5	26.053	0	0.01		
"2014-12-23	08:00:00"	17.22	17.52	10.42	26.05	12.41	18.03	12.45	23.66	34.71	34.86	-0.152	94	83.5	26.076	0.3431	0.02		
"2014-12-23	09:00:00"	14.98	14.92	11.16	23.66	11.07	16	12.85	19.49	34.01	34.19	-0.18	95.6	84.5	26.109	9.6814	0.02		
"2014-12-23	10:00:00"	20.7	20.85	10.14	35.59	14.6	20.09	11.91	27.24	33.8	33.91	-0.113	93.4	84.5	26.149	63.959	0		
"2014-12-23	11:00:00"	14.56	27.74	10.16	27.24	9.19	26.74	11.98	22.47	35.92	36.03	-0.114	84.2	76.81	26.179	150.03	0		
"2014-12-23	12:00:00"	15.23	11.62	12.75	28.43	10.91	11.06	15.12	23.07	39.92	40.08	-0.166	66.17	62.77	26.198	212.92	0		
"2014-12-23	13:00:00"	23.37	13.36	13.43	42.75	16.93	12.79	16.38	33.8	42.22	42.6	-0.389	51.55	49.84	26.196	546.06	0		
"2014-12-23	14:00:00"	28.97	5.024	13.72	45.13	21.14	3.041	19.66	36.78	44.17	44.69	-0.52	42.56	41.42	26.197	540	0		
"2014-12-23	15:00:00"	28.41	5.206	14.07	45.13	20.88	2.984	19	32.61	43.72	44.12	-0.402	42.24	40.43	26.206	350.96	0		
"2014-12-23	16:00:00"	26.17	4.561	14.97	39.17	19.16	2.159	18.51	33.8	42.54	42.72	-0.175	44.69	42.3	26.213	142.52	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-23	17:00:00"	23.27	358.8	15.59	37.38	17.14	355.1	17.3	29.63	41.99	42.03	-0.037	45.71	43.17	26.223	110.42		0	
"2014-12-23	18:00:00"	20.06	353.8	14.83	34.4	14.94	350.9	16.02	28.43	41.79	41.63	0.163	44.91	42.66	26.232	52.224		0	
"2014-12-23	19:00:00"	15.29	349.4	13.67	22.47	11.3	347	14.04	18.3	40.42	39.98	0.443	48.21	45.75	26.244	0.2012		0	
"2014-12-23	20:00:00"	18.46	353.8	14	30.82	13.59	351	15.78	24.86	40.02	39.6	0.419	47.15	44.56	26.256	0		0	
"2014-12-23	21:00:00"	11.87	358.5	15.27	21.28	8.44	354.9	14.35	16.51	37.33	36.84	0.494	56.75	52.56	26.267	0		0	
"2014-12-23	22:00:00"	12.69	4.485	13.99	21.87	9.18	1.586	15.66	17.7	37.02	36.59	0.435	60.29	55.51	26.276	0		0	
"2014-12-23	23:00:00"	14	13.83	10.96	26.05	10.4	13.25	13.05	20.09	37.26	37.08	0.184	60.93	55.65	26.297	0		0	
"2014-12-24	00:00:00"	16.21	13.75	10.89	28.43	11.93	13.33	12.69	23.66	37.09	36.93	0.16	58.87	53.78	26.315	0		0	
"2014-12-24	01:00:00"	15.52	11.04	12.33	26.05	11.48	10.3	13.79	20.68	35.31	35.11	0.202	62.29	56.54	26.309	0		0	
"2014-12-24	02:00:00"	9.54	340.9	19.56	17.7	6.908	337.7	20.02	14.12	32.95	32.48	0.477	68.71	62.57	26.3	0		0	
"2014-12-24	03:00:00"	6.478	312.6	8.7	11.74	4.059	312.7	9.06	10.54	31.02	29.89	1.125	73.31	67.56	26.295	0		0	
"2014-12-24	04:00:00"	6.405	299.1	6.392	9.35	3.553	301.6	11.08	5.771	28.94	27.27	1.67	77.24	72.36	26.286	0		0	
"2014-12-24	05:00:00"	7.721	307.1	8.05	11.14	5.04	307.9	8.69	8.75	29.11	28.06	1.051	75.94	70.14	26.277	0		0	
"2014-12-24	06:00:00"	9.62	321.8	9.87	12.93	7.072	323.2	10.22	10.54	28.53	28	0.527	77.13	69.82	26.277	0		0	
"2014-12-24	07:00:00"	9.52	342.2	17.49	14.12	6.683	341.2	17.35	10.54	29.36	28.68	0.676	71.11	65.19	26.28	0		0	
"2014-12-24	08:00:00"	9.92	335.9	20.37	14.72	7.138	333.4	22.35	11.74	30.14	29.43	0.712	66.85	61.48	26.28	1.9521		0	
"2014-12-24	09:00:00"	5.852	294.2	30.04	11.14	4.354	295.6	34.27	8.75	28.75	28.59	0.163	72.55	65.56	26.297	99.785		0	
"2014-12-24	10:00:00"	8.06	303.7	9.98	12.93	6.717	306.5	11.36	11.14	35.72	35.85	-0.13	54.7	50.7	26.33	280.48		0	
"2014-12-24	11:00:00"	8.56	289.9	14.53	15.91	7.005	289.9	19.1	14.12	40.92	41.29	-0.371	36.21	34.63	26.364	433.14		0	
"2014-12-24	12:00:00"	11.84	278.3	17.59	18.3	9.65	278.4	21.93	15.91	42.42	43.02	-0.602	35.79	34.07	26.364	540.98		0	
"2014-12-24	13:00:00"	12.13	253.1	17.89	21.28	9.74	252.2	19.92	17.1	44.18	44.89	-0.715	34.12	32.25	26.343	592.79		0	
"2014-12-24	14:00:00"	15.25	236.4	13.34	24.26	11.99	236	15.12	20.68	44.96	45.57	-0.611	35.35	33.28	26.302	584.91		0	
"2014-12-24	15:00:00"	17	223.9	11.73	25.45	12.42	224.1	13.12	21.87	45.44	46.36	-0.913	36.22	33.69	26.267	517.74		0	
"2014-12-24	16:00:00"	16.54	228.4	11.58	24.26	12.52	228.5	13.38	20.68	46.51	47.06	-0.554	35.82	33.52	26.241	395.96		0	
"2014-12-24	17:00:00"	15.38	227	9.58	22.47	11.23	227.4	11.71	18.89	47.25	47.63	-0.385	36.07	34.03	26.231	232.29		0	
"2014-12-24	18:00:00"	10.69	220.9	8.43	19.49	7.195	221.2	11.42	14.72	46.47	46	0.473	39.6	38.37	26.21	54.227		0	
"2014-12-24	19:00:00"	6.989	200.6	9.04	9.95	3.162	195.6	16.45	6.368	42.22	39.46	2.755	48.41	49.34	26.169	0.24283		0	
"2014-12-24	20:00:00"	6.134	190	6.761	9.95	2.305	171	22.66	4.578	39.12	35.48	3.643	55.23	56.76	26.13	0		0	
"2014-12-24	21:00:00"	6.829	194.5	14.11	9.35	2.679	197.7	18.15	3.982	36.86	33.39	3.469	61.73	62.77	26.109	0		0	
"2014-12-24	22:00:00"	6.277	192.8	10.81	8.75	2.291	193.3	21.48	4.578	35.47	31.9	3.569	64.86	65.6	26.085	0		0	
"2014-12-24	23:00:00"	5.103	182.8	9.16	7.561	1.336	189.3	38.46	2.789	32.42	29.46	2.96	70.97	69.3	26.062	0		0	
"2014-12-25	00:00:00"	6.078	197.9	12.53	8.16	1.997	198.8	25.12	3.982	33.17	29.02	4.151	69.48	71.18	26.04	0		0	
"2014-12-25	01:00:00"	6.02	195.9	8.98	9.35	1.99	179.8	31.12	4.578	32.45	28.52	3.923	70.47	71.17	26.01	0		0	
"2014-12-25	02:00:00"	6.793	207.4	8.6	9.95	3.585	212.6	12.56	5.771	34.51	32.61	1.895	64.6	63.78	26	0		0	
"2014-12-25	03:00:00"	6.38	215.1	11.41	8.75	3.462	224.5	15.91	6.368	33.94	32.4	1.539	64.85	62.62	25.996	0		0	
"2014-12-25	04:00:00"	7.775	207.2	16.04	11.74	4.242	213.7	21.36	8.75	35.22	33.51	1.711	59.89	59.15	25.986	0		0	
"2014-12-25	05:00:00"	7.444	190.8	12.09	12.33	4.03	193.7	17.29	8.16	35.67	34.54	1.134	59.09	56.43	25.983	0		0	
"2014-12-25	06:00:00"	7.217	214.7	18.66	12.93	4.393	221.5	24.45	10.54	35.81	34.66	1.15	58.1	55.76	25.975	0		0	
"2014-12-25	07:00:00"	9.79	192.5	8.65	15.31	5.89	196.7	14.3	12.33	35.48	34.81	0.667	60.33	56.06	25.973	0		0	
"2014-12-25	08:00:00"	8.27	186.3	14.51	15.91	4.665	189	21.17	9.95	33.97	32.95	1.018	63.79	59.65	25.959	1.6002		0	
"2014-12-25	09:00:00"	6.825	212.6	16.72	11.74	4.217	217.9	17.39	8.16	34.05	33.33	0.721	63.86	59.69	25.959	34.68		0	
"2014-12-25	10:00:00"	10.69	192.7	11.67	15.91	6.937	197.3	15.31	12.33	38.34	38.32	0.022	53.52	49.71	25.982	125.4		0	
"2014-12-25	11:00:00"	8.99	203.6	10.7	13.52	6.27	207.5	14.2	11.74	40.46	40.73	-0.273	51.7	47.52	26.023	180.3		0	
"2014-12-25	12:00:00"	14.27	192.5	10.66	24.26	9.47	197	15.34	18.3	44.57	45.24	-0.673	43.29	40.4	26.025	331.88		0	
"2014-12-25	13:00:00"	15.57	206.2	10.95	24.26	10.88	209.3	14.14	19.49	50.28	51.1	-0.826	34.12	32.02	26.026	487.5		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-25	14:00:00"	14.95	206.1	10.05	21.87	10.39	209.5	12.98	17.1	52.36	53.13	-0.774	31.83	29.81	26.027	399.78		0	
"2014-12-25	15:00:00"	15.42	197.8	10.5	23.66	10.5	201.1	13.95	17.1	54.35	55.06	-0.713	30.07	28.15	26.008	348.36		0	
"2014-12-25	16:00:00"	13.7	200.2	9.73	21.28	9.31	204.4	13.16	16.51	56.41	56.71	-0.308	27.22	25.78	26.002	224.16		0	
"2014-12-25	17:00:00"	13.74	202.4	11.07	19.49	9.16	205.3	13.83	15.91	57.67	57.57	0.105	25.25	24.07	26.01	109.16		0	
"2014-12-25	18:00:00"	7.906	191.8	8.15	15.31	4.338	192.8	15.73	11.74	54.85	53.55	1.296	30.19	30.3	26.002	17.747		0	
"2014-12-25	19:00:00"	7.209	175.5	17.62	12.33	3.016	160.6	30.4	5.771	51.72	47.53	4.188	35.92	39.96	25.979	0.2843		0	
"2014-12-25	20:00:00"	9.38	153.5	8.8	12.93	4.264	153.7	16.53	8.16	47.95	45.22	2.735	43.42	45.17	25.968	0		0	
"2014-12-25	21:00:00"	9.94	138.5	7.858	14.12	5.403	137.2	14.48	9.35	45.34	43.99	1.353	47.71	46.59	25.957	0		0	
"2014-12-25	22:00:00"	5.206	174.6	55.37	13.52	2.873	184.7	75.57	8.75	43.37	42.02	1.345	49.12	47.53	25.958	0		0	
"2014-12-25	23:00:00"	4.857	185.8	18.17	9.35	2.053	195.6	43.64	4.578	43.51	40.71	2.801	48.53	49.41	25.955	0		0	
"2014-12-26	00:00:00"	4.968	212.6	16.32	7.561	2.328	233.8	28.74	4.578	42.73	39.83	2.904	50.8	51.41	25.953	0		0	
"2014-12-26	01:00:00"	6.494	199.7	6.686	8.75	2.767	209.6	12.72	4.578	42.18	39.21	2.964	55.34	55.77	25.947	0		0	
"2014-12-26	02:00:00"	4.711	190.6	10.92	7.561	1.642	201.1	22.61	3.386	40.73	37.81	2.92	60.63	60.01	25.943	0		0	
"2014-12-26	03:00:00"	4.393	193.5	18.58	6.964	1.676	203.6	42.02	3.982	40.02	37.2	2.82	64.19	62.94	25.947	0		0	
"2014-12-26	04:00:00"	5.749	195.2	8.35	8.16	2.428	196.8	18.95	3.982	40.62	37.4	3.226	65.06	64.52	25.947	0		0	
"2014-12-26	05:00:00"	5.159	194.4	17.73	8.16	2.1	199.6	31.42	3.982	38.86	35.97	2.896	70.22	68.41	25.94	0		0	
"2014-12-26	06:00:00"	4.465	212.1	14.48	8.16	1.767	248.8	37.94	5.175	38.94	35.81	3.131	71.07	69.62	25.944	0		0	
"2014-12-26	07:00:00"	4.247	214.7	13.39	6.368	1.519	249.3	58.07	3.386	37.74	34.3	3.44	73.91	72.17	25.95	0		0	
"2014-12-26	08:00:00"	3.377	239.6	24.1	5.175	1.568	284.4	44.83	3.386	36.84	33.57	3.268	77.09	74.17	25.963	1.118		0	
"2014-12-26	09:00:00"	3.885	212.3	13.7	6.964	1.726	221.8	25.75	5.175	38.57	37.62	0.954	74.81	69.47	25.986	88.874		0	
"2014-12-26	10:00:00"	6.39	206.5	11.89	12.93	4.657	212	13.97	8.16	44.26	44.85	-0.591	66.24	60.21	26.035	274.82		0	
"2014-12-26	11:00:00"	9.08	235.8	19.4	13.52	7.289	235.4	19.47	13.52	50.26	50.57	-0.316	50.62	47.9	26.099	362.87		0	
"2014-12-26	12:00:00"	13.27	266.5	16.47	21.28	10.62	264.8	18.83	19.49	55.48	55.99	-0.511	37	36.14	26.135	487.87		0	
"2014-12-26	13:00:00"	19.04	296.2	10.12	28.43	15.46	297.9	12.51	25.45	55.08	55.47	-0.389	40.06	38.56	26.136	444.23		0	
"2014-12-26	14:00:00"	20.14	302.5	9.38	28.43	16.37	304.7	10.61	24.26	54.26	54.64	-0.383	46.3	43.77	26.116	423.18		0	
"2014-12-26	15:00:00"	19.83	299.4	9.89	29.03	16.14	301.1	11.6	26.05	53.83	54.16	-0.332	48.51	45.65	26.111	361.13		0	
"2014-12-26	16:00:00"	18.97	291.3	9.72	29.63	15.2	292.7	12.72	26.65	51.82	52.11	-0.29	48.11	45.16	26.127	183.57		0	
"2014-12-26	17:00:00"	16.45	294.3	9.68	23.66	13.23	296	12.4	20.68	50.8	50.86	-0.065	45.43	42.95	26.134	93.97		0	
"2014-12-26	18:00:00"	14.38	314.7	11.64	26.05	11.28	316.3	11.59	22.47	48.07	47.93	0.142	52.62	48.94	26.135	25.26		0	
"2014-12-26	19:00:00"	5.025	290	47.42	12.33	3.627	295.6	58.14	10.54	46.3	45.87	0.426	59.38	55.28	26.156	0.16534		0	
"2014-12-26	20:00:00"	4.703	257.4	28.37	9.35	3.055	259.8	35.26	6.368	46.06	45.02	1.047	59.01	56.84	26.189	0		0	
"2014-12-26	21:00:00"	5.444	276.7	17.39	8.16	3.33	274.3	23.29	6.368	45.35	44.54	0.808	60.14	57.24	26.202	0		0	
"2014-12-26	22:00:00"	8.5	310.2	14.38	14.72	6.054	315.3	12.22	12.33	44.94	43.97	0.965	59.09	56.44	26.207	0		0	
"2014-12-26	23:00:00"	10.39	334	11.3	18.89	7.969	333.7	12.24	14.72	44.97	44.49	0.482	57.3	53.55	26.227	0		0	
"2014-12-27	00:00:00"	11.02	352.9	19.88	20.09	8.43	351.6	20.34	15.31	42.83	42.71	0.123	65.93	60.19	26.247	0		0	
"2014-12-27	01:00:00"	12.69	20.65	8.64	19.49	8.96	20.35	10.81	15.91	38.81	38.89	-0.079	72.55	65.08	26.259	0		0	
"2014-12-27	02:00:00"	11.12	28.66	10.83	16.51	6.851	27.3	12.04	12.93	36.65	36.75	-0.106	82.3	73.47	26.261	0		0	
"2014-12-27	03:00:00"	10	27.59	10.32	15.31	6.376	25.64	11.75	13.52	34.7	34.82	-0.122	91.9	81.7	26.264	0		0	
"2014-12-27	04:00:00"	10.83	19.9	9.5	15.91	7.936	18.55	11.44	14.12	34.42	34.56	-0.138	93.8	83.2	26.264	0		0	
"2014-12-27	05:00:00"	11.04	20.9	10.6	16.51	7.7	19.85	12.26	12.93	34.35	34.47	-0.117	94.7	84.1	26.262	0		0	
"2014-12-27	06:00:00"	7.333	20.81	14.68	12.33	4.843	19.55	16.28	11.74	34.41	34.45	-0.042	94.1	84.2	26.279	0		0.01	
"2014-12-27	07:00:00"	5.591	48.39	11.11	9.35	3.194	45.8	15.61	6.964	33.16	33.13	0.033	96.9	85.4	26.299	0		0.04	
"2014-12-27	08:00:00"	7.369	38.24	13.04	12.93	4.415	36.14	14.85	11.14	33.28	33.26	0.018	97.4	86.9	26.314	0.24051		0	
"2014-12-27	09:00:00"	8.78	24.43	10.99	15.31	5.763	23.94	12.73	15.31	33.48	33.56	-0.079	95.3	85.8	26.352	9.282		0	
"2014-12-27	10:00:00"	12.69	25.81	9.81	18.3	8.06	24.97	11.86	15.31	32.9	33.08	-0.18	92	82.5	26.38	66.348		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-27	11:00:00"	14.73	29.74	10.06	21.28	8.75	28.8	11.54	17.1	32.09	32.36	-0.267	88.4	79.33	26.407	112.98		0	
"2014-12-27	12:00:00"	15.17	38.17	9.8	22.47	8.29	35.09	11.24	17.1	31.4	31.74	-0.342	87.2	78.5	26.405	174.08		0	
"2014-12-27	13:00:00"	12.49	39.17	11.81	18.89	7.156	35.85	13.02	15.31	31.95	32.43	-0.471	85.9	77	26.393	172.49		0	
"2014-12-27	14:00:00"	12.02	33.57	10.88	17.7	7.07	31.17	12.49	14.12	32.83	33.24	-0.414	83.7	75.26	26.378	187.86		0	
"2014-12-27	15:00:00"	11.97	41.57	12.47	18.3	7.113	38.67	14.53	14.12	34.73	35.4	-0.67	77.87	70.32	26.369	320.59		0	
"2014-12-27	16:00:00"	11.39	45.72	13.03	17.1	6.762	42.21	15.45	12.93	36.94	37.98	-1.033	72.08	65.11	26.375	371.66		0	
"2014-12-27	17:00:00"	9.36	50.54	17.09	15.91	5.871	47.44	19.11	11.74	37.75	38.66	-0.917	66.21	60.11	26.389	222.97		0	
"2014-12-27	18:00:00"	7.275	57.58	14.87	11.14	4.409	54.29	19.5	9.35	36.42	36.66	-0.235	66.62	60.81	26.392	53.489		0	
"2014-12-27	19:00:00"	4.449	58.79	9.92	6.964	2.514	69.35	17.05	4.578	33.31	31.92	1.39	73.88	69.39	26.384	0.27316		0	
"2014-12-27	20:00:00"	3.635	53.71	16.82	5.771	2.004	54.77	27.39	3.386	32.33	30.03	2.301	75.31	73.57	26.377	0		0	
"2014-12-27	21:00:00"	3.618	33.7	14.68	5.175	1.926	33.53	33.63	3.386	32.16	29.66	2.499	75.04	74.41	26.373	0		0	
"2014-12-27	22:00:00"	2.44	284.7	63.63	4.578	1.525	270.1	62.7	3.386	30.52	27.98	2.539	80.7	78.02	26.371	0		0	
"2014-12-27	23:00:00"	2.056	243.5	33.44	3.386	1.387	136.6	84.4	2.789	29.3	26.51	2.791	85.7	81	26.377	0		0	
"2014-12-28	00:00:00"	2.737	203.4	21.39	4.578	1.476	127.6	18.91	2.789	28.56	25.7	2.854	86.7	81.3	26.381	0		0	
"2014-12-28	01:00:00"	2.826	192	27.49	4.578	1.183	110.6	78.17	2.193	27.74	25.7	2.039	84.6	80.7	26.373	0		0	
"2014-12-28	02:00:00"	3.257	247.5	17.02	4.578	1.084	314.7	35.24	2.193	27.43	24.97	2.454	87.3	80.3	26.356	0		0	
"2014-12-28	03:00:00"	2.025	255.1	25.93	3.982	1.232	35.83	73.92	3.386	26.93	24.21	2.715	90.5	82.3	26.342	0		0	
"2014-12-28	04:00:00"	1.515	241	34.1	3.386	1.125	67.18	55.21	2.789	26.35	24.29	2.063	91.1	83.9	26.317	0		0	
"2014-12-28	05:00:00"	4.012	231.8	19.1	6.964	2.012	221.4	54.32	4.578	26.08	23.8	2.276	91.9	84.1	26.289	0		0	
"2014-12-28	06:00:00"	4.051	251.2	25.71	6.368	2.141	260.8	36.76	3.386	23.56	22.99	0.572	95.7	83.9	26.276	0		0	
"2014-12-28	07:00:00"	3.034	231.1	28.68	5.771	1.399	105.2	88.5	2.789	24.42	21.37	3.053	95.9	82.9	26.27	0		0	
"2014-12-28	08:00:00"	3.447	270.7	32.98	6.964	1.9	305.5	65.25	4.578	24.89	22.45	2.439	96.5	83.5	26.275	1.2494		0	
"2014-12-28	09:00:00"	3.341	173.9	19.95	4.578	1.696	152.9	34.38	3.386	25.27	23.35	1.921	95.1	83.2	26.281	61.302		0	
"2014-12-28	10:00:00"	4.329	227.9	20.5	7.561	3.621	227.8	21.23	6.964	29.9	30.2	-0.296	93.7	83.5	26.31	253.36		0	
"2014-12-28	11:00:00"	6.787	210.4	12.76	9.35	5.271	214.3	14.97	8.75	33.51	34.3	-0.785	90	78.74	26.332	432.62		0	
"2014-12-28	12:00:00"	8.69	208.1	10.71	13.52	6.444	210.4	14.71	12.33	35.61	36.71	-1.099	87.1	75.13	26.325	536.31		0	
"2014-12-28	13:00:00"	12.61	206.4	11.09	18.89	9.16	209.2	14.42	14.72	39.83	41.09	-1.262	77.02	67.68	26.3	594.17		0	
"2014-12-28	14:00:00"	12.68	216	11.51	18.89	9.28	217.9	13.92	15.31	43.31	44.51	-1.193	66.7	59.78	26.28	584.9		0	
"2014-12-28	15:00:00"	13.56	231.6	15.08	20.09	10.68	232.1	15.91	17.1	47.13	47.69	-0.553	50.12	47.31	26.271	516.55		0	
"2014-12-28	16:00:00"	13.35	235.6	14.83	21.87	10.33	235.3	16.89	17.1	48.98	49.39	-0.409	43	41.26	26.261	388.11		0	
"2014-12-28	17:00:00"	12.53	225.3	9.43	19.49	9.19	225.5	11.67	15.91	49.65	49.98	-0.333	40.83	39.38	26.252	227.06		0	
"2014-12-28	18:00:00"	9.67	216	7.08	15.31	6.338	216.7	10.62	11.14	47.52	47.1	0.419	45.91	44.16	26.237	57.269		0	
"2014-12-28	19:00:00"	6.913	223.9	10.13	10.54	3.48	230.2	19.39	6.964	42.92	40.91	2.008	58.19	56.57	26.222	0.69732		0	
"2014-12-28	20:00:00"	7.25	210.1	7.834	10.54	3.311	213.6	10.97	5.771	40.48	37.59	2.889	64.86	64.58	26.202	0		0	
"2014-12-28	21:00:00"	6.126	218.1	11.03	10.54	2.968	229.4	20.3	6.368	37.73	35.78	1.948	71.12	67.97	26.198	0		0	
"2014-12-28	22:00:00"	5.642	212.7	11.42	9.35	2.367	226.9	21.22	5.771	36.69	34.34	2.35	72.06	69.59	26.186	0		0	
"2014-12-28	23:00:00"	6.272	225.7	10.35	8.75	2.804	228.4	21.66	3.982	34.78	32.15	2.621	76.4	72.88	26.181	0		0	
"2014-12-29	00:00:00"	5.429	240.8	10.07	7.561	1.921	262.6	34.24	3.982	33.45	30.59	2.86	79.96	76.4	26.166	0		0	
"2014-12-29	01:00:00"	5.594	261.5	11.47	8.75	2.854	264.4	20.85	6.368	34.42	32.74	1.676	78.95	74.81	26.157	0		0	
"2014-12-29	02:00:00"	5.015	254.7	13.68	7.561	2.864	259.3	27.55	4.578	33.99	32.94	1.046	81	74.81	26.155	0		0	
"2014-12-29	03:00:00"	6.352	253	9.23	9.95	3.62	248.1	14.2	6.964	35.1	33.62	1.482	77.93	73.71	26.153	0		0	
"2014-12-29	04:00:00"	5.659	238.1	16.46	8.75	3.34	243.2	26.81	6.368	33.67	32.87	0.8	83.3	76.17	26.164	0		0	
"2014-12-29	05:00:00"	5.029	291.2	20.94	7.561	2.735	310.9	27.99	4.578	33.91	31.8	2.109	82.3	77.59	26.168	0		0	
"2014-12-29	06:00:00"	5.158	15.49	77.64	8.16	2.996	31.5	75.15	5.175	34.74	30.65	4.084	75.35	75.19	26.16	0		0	
"2014-12-29	07:00:00"	3.782	16.88	46.38	6.368	2.051	28.95	52.18	4.578	34.08	29.2	4.882	74.98	77.12	26.152	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-29	08:00:00"	3.536	238.6	79.96	9.35	2.13	101.7	65.48	6.368	31.77	26.96	4.817	78.11	77.51	26.162	1.4491		0	
"2014-12-29	09:00:00"	3.168	13.93	34.87	4.578	2.242	45.64	47.08	4.578	34.86	32.11	2.749	70.71	73.19	26.167	90.547		0	
"2014-12-29	10:00:00"	2.726	274.1	61.37	5.771	2.116	271.7	63.21	5.771	44.2	44.46	-0.262	55.16	53.33	26.212	269.07		0	
"2014-12-29	11:00:00"	5.514	248.5	18.79	9.35	4.438	247.1	21.83	7.561	46.58	46.89	-0.309	46.03	43.8	26.285	357.92		0	
"2014-12-29	12:00:00"	3.42	160.6	87.5	9.35	2.682	142.3	95	8.75	52.53	52.46	0.069	33.83	33.09	26.296	522.06		0	
"2014-12-29	13:00:00"	7.65	220.6	22.67	12.93	5.955	221.9	23.29	11.74	52.68	53.21	-0.532	35.21	33.84	26.28	546.67		0	
"2014-12-29	14:00:00"	9.28	209.2	17.24	15.91	6.894	212.1	19.11	14.72	55.1	55.97	-0.874	32.64	30.84	26.252	589.08		0	
"2014-12-29	15:00:00"	10.5	230.4	21.22	23.66	8.35	230.7	21.71	17.1	58.11	58.61	-0.499	25.72	24.37	26.237	498.77		0	
"2014-12-29	16:00:00"	11.62	227.1	15.84	18.89	8.96	227.5	16.5	15.91	59.27	59.64	-0.364	25.08	23.64	26.228	407.38		0	
"2014-12-29	17:00:00"	13.91	224.3	9.6	20.68	10.01	224.9	12.11	16.51	59.05	59.17	-0.121	25.73	24.6	26.226	217.04		0	
"2014-12-29	18:00:00"	10.02	215.5	8.83	18.3	6.324	215.7	12.29	14.12	55.96	54.99	0.97	29.36	29.05	26.221	39.762		0	
"2014-12-29	19:00:00"	4.79	193.5	11.54	11.14	2.391	138.2	45.41	6.368	49.96	46.9	3.059	38.26	40.09	26.207	0.24838		0	
"2014-12-29	20:00:00"	3.38	206.2	20.51	5.771	1.624	100.3	72.68	2.789	48.07	43.76	4.311	40.03	44.37	26.195	0		0	
"2014-12-29	21:00:00"	4.024	228.4	47.67	6.964	1.899	309.4	74.42	4.578	46.1	40.22	5.879	43.22	49.93	26.203	0		0	
"2014-12-29	22:00:00"	2.938	152	26.54	6.368	2.171	55.59	32.64	5.175	43.65	37.31	6.342	46.1	55.11	26.216	0		0	
"2014-12-29	23:00:00"	3.842	138.1	23.81	5.771	2.747	75.16	20.54	3.982	43.31	37.43	5.874	45.67	54.08	26.223	0		0	
"2014-12-30	00:00:00"	5.729	60.09	20.37	9.95	3.026	49.27	14.83	6.368	43.38	36.67	6.711	44.93	56.02	26.236	0		0	
"2014-12-30	01:00:00"	15.79	43.91	13.57	29.63	8.95	41.13	16.33	22.47	35.59	34.88	0.713	68.6	62.76	26.274	0		0	
"2014-12-30	02:00:00"	16.77	54.99	9.41	24.86	10.38	52.32	14.03	20.68	32.17	31.82	0.352	78.37	70.12	26.297	0		0	
"2014-12-30	03:00:00"	16.39	44.44	9.22	26.05	8.82	39.77	11.77	17.1	30.68	30.44	0.237	82.3	73.03	26.315	0		0	
"2014-12-30	04:00:00"	21.59	48.15	9.56	33.8	12.22	44.09	13.69	24.26	31.45	31.4	0.053	85.3	75.52	26.325	0		0	
"2014-12-30	05:00:00"	19.86	41.8	9.44	30.22	10.68	37.86	11.89	23.07	31.63	31.63	-0.004	84	74.48	26.357	0		0	
"2014-12-30	06:00:00"	19.88	41.88	9.15	29.63	10.74	38.64	12.08	21.28	31.45	31.46	-0.012	80.7	71.65	26.372	0		0	
"2014-12-30	07:00:00"	16.35	44.53	10.4	25.45	8.89	40.62	12.86	19.49	31.4	31.41	-0.007	77.99	69.3	26.409	0		0	
"2014-12-30	08:00:00"	16.16	47.43	10.41	25.45	9.08	43.61	13.47	18.3	30.84	30.86	-0.028	76.82	68.18	26.437	0.38856		0	
"2014-12-30	09:00:00"	15.16	49.37	10.66	24.26	8.75	46.03	14.21	18.3	29.77	29.89	-0.118	80.5	70.89	26.466	16.638		0	
"2014-12-30	10:00:00"	15.07	47.59	10.01	22.47	8.41	43.35	13.83	17.1	28.52	28.78	-0.256	87.7	76.68	26.491	43.464		0	
"2014-12-30	11:00:00"	16.26	49.98	9.97	23.66	9.53	45.68	14.11	19.49	28.29	28.51	-0.221	92.6	81.2	26.503	60.776		0	
"2014-12-30	12:00:00"	17.58	56.12	9.6	26.05	11.1	52.86	14.28	21.28	28.26	28.56	-0.294	93	81.8	26.499	94.378		0	
"2014-12-30	13:00:00"	16.97	55.19	11.57	27.24	10.55	51.45	15.87	21.28	27.85	28.17	-0.321	92.2	81.2	26.484	86.146		0	
"2014-12-30	14:00:00"	15.55	53.24	11.2	24.86	9.7	49.96	15.21	18.89	26.28	26.57	-0.291	92	81	26.459	72.505		0	
"2014-12-30	15:00:00"	14.83	34.12	11.44	21.28	8.68	31.45	12.22	18.89	23.63	23.95	-0.321	91.7	80.7	26.445	66.462		0	
"2014-12-30	16:00:00"	16.02	34.36	9.79	24.86	9.17	32.12	11.17	19.49	21.55	21.82	-0.276	91.4	80.4	26.429	50.106		0	
"2014-12-30	17:00:00"	15.02	38.1	10.28	22.47	8.42	35.4	11.89	15.91	21.32	21.57	-0.249	91.5	80.1	26.44	27.645		0	
"2014-12-30	18:00:00"	14.21	41.4	10.55	21.28	8.16	38.6	12.96	18.3	20.89	21.11	-0.219	91.8	80.2	26.452	6.2504		0	
"2014-12-30	19:00:00"	12.98	50.14	10.46	20.68	7.896	46.39	14.41	14.72	20.94	21.14	-0.207	91.9	80.2	26.458	0.00806		0	
"2014-12-30	20:00:00"	13.06	43.96	10.27	20.09	7.944	39.72	12.75	19.49	20.64	20.83	-0.198	91.7	79.97	26.472	0		0	
"2014-12-30	21:00:00"	12.36	44.92	9.8	20.09	7.546	39.91	12.1	15.91	20.15	20.36	-0.206	91.4	79.74	26.484	0		0	
"2014-12-30	22:00:00"	12.92	41.12	9.87	21.28	7.887	37.44	12.2	17.7	19.49	19.69	-0.191	91.2	79.42	26.495	0		0	
"2014-12-30	23:00:00"	11.93	40.29	10.41	20.68	7.422	36.33	12.51	15.31	18.98	19.18	-0.195	91.2	79.41	26.51	0		0	
"2014-12-31	00:00:00"	12	32.95	10.78	20.68	7.878	31.45	11.63	15.91	18.11	18.32	-0.216	91	79.22	26.518	0		0	
"2014-12-31	01:00:00"	5.363	29.05	10.84	18.89	8.43	27.09	12.17	16.51	16.65	16.9	-0.249	90.4	78.55	26.515	0		0	
"2014-12-31	02:00:00"	1	30.65	10.21	1	7.988	29.11	11.87	16.51	15.19	15.45	-0.26	89.5	77.68	26.502	0		0	
"2014-12-31	03:00:00"	1	31.28	10.73	1	8.24	28.77	12.31	16.51	13.49	13.78	-0.284	88.4	76.44	26.494	0		0	
"2014-12-31	04:00:00"	1	27.28	10.72	1	7.682	26.53	12.71	15.31	12.73	13	-0.27	88.1	76.02	26.494	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2014-12-31	05:00:00"	1	32.13	10.99	1	6.932	29.93	12.58	15.91	12.21	12.46	-0.245	88.3	76.13	26.489	0	0		
"2014-12-31	06:00:00"	1	33.79	10.27	1	6.389	31.26	11.73	12.93	12.06	12.31	-0.247	88.4	76.14	26.482	0	0		
"2014-12-31	07:00:00"	1	35.06	10.86	1	5.653	32.15	11.73	12.33	12.34	12.53	-0.196	88.4	76.24	26.481	0	0		
"2014-12-31	08:00:00"	1	32.15	11.67	1	6.049	29.5	13.67	12.33	12.34	12.56	-0.226	88.6	76.32	26.49	0.84928	0		
"2014-12-31	09:00:00"	1	33.6	11.17	1	5.388	30.11	12.9	11.74	12.63	12.85	-0.219	88.7	76.52	26.489	15.719	0		
"2014-12-31	10:00:00"	1	32.98	11.78	1	4.935	30.88	12.77	10.54	13.04	13.33	-0.285	88.4	76.43	26.499	55.214	0		
"2014-12-31	11:00:00"	1	35	12.75	1	4.514	32.16	14.28	8.75	14.1	14.48	-0.385	87.6	76.33	26.501	121.75	0		
"2014-12-31	12:00:00"	1	36.14	12.52	1	4.499	33.26	14.41	9.95	14.91	15.27	-0.358	86.8	76.12	26.487	151.09	0		
"2014-12-31	13:00:00"	1	39.12	15.95	1	3.674	34.28	17.68	8.75	15.68	16.02	-0.348	86.8	76.41	26.457	144.18	0		
"2014-12-31	14:00:00"	1	55.5	17.1	1	3.475	50.3	20.3	6.964	16.52	17.03	-0.518	86.6	76.56	26.409	148.64	0		
"2014-12-31	15:00:00"	1	51.72	18.18	1	2.929	45.19	20.02	5.771	17.09	17.56	-0.469	86.4	76.68	26.387	114.53	0		
"2014-12-31	16:00:00"	1	77.97	18.72	1	2.94	72.66	25.8	5.175	17.45	17.87	-0.419	86.8	76.72	26.375	78.958	0		
"2014-12-31	17:00:00"	1	48.39	20.52	1	2.926	43.75	22.04	6.964	17.61	17.93	-0.321	87	76.94	26.367	55.201	0		
"2014-12-31	18:00:00"	1	79.89	16.19	1	2.92	72.99	20.18	5.175	17.49	17.79	-0.303	87.9	77.16	26.367	10.982	0		
"2014-12-31	19:00:00"	1	68.18	21.24	1	2.915	64.17	25.06	5.175	17.46	17.66	-0.203	89.1	77.77	26.36	0.07374	0		
"2014-12-31	20:00:00"	1	62.19	16.49	1	2.453	57.24	21.78	5.175	17.61	17.78	-0.168	90	78.39	26.358	0	0		
"2014-12-31	21:00:00"	1	73.3	12.49	1	3.517	68.28	18.51	6.964	17.76	17.98	-0.223	90.7	78.86	26.348	0	0		
"2014-12-31	22:00:00"	1	74.8	28.16	1	1.837	61.97	31.74	4.578	18.14	18.27	-0.134	90.7	78.96	26.355	0	0		
"2014-12-31	23:00:00"	1	66.47	18.92	1	2.73	60.34	21.21	5.175	18.23	18.42	-0.186	91	79.19	26.344	0	0		
"2015-01-01	00:00:00"	1	93.1	33.8	1	2.417	88.8	40.12	5.175	18.38	18.56	-0.172	91.7	79.77	26.325	0	0		
"2015-01-01	01:00:00"	1	83.7	31.88	1	2.043	78.66	42.05	3.982	18.58	18.7	-0.127	91.8	79.88	26.306	0	0		
"2015-01-01	02:00:00"	1	63.16	32.45	1	2.157	57.57	36.75	5.175	18.73	18.88	-0.146	91.9	79.99	26.284	0	0		
"2015-01-01	03:00:00"	1	50.4	31.47	1	2.635	43.95	32.81	5.771	18.88	19.04	-0.165	92	80.1	26.266	0	0		
"2015-01-01	04:00:00"	1	19.97	23.98	1	3.558	17.36	24.12	8.16	19.13	19.3	-0.174	92.2	80.3	26.26	0	0		
"2015-01-01	05:00:00"	1	29.39	13.66	1	3.791	27.86	15.25	8.16	19.33	19.48	-0.15	92.3	80.4	26.243	0	0		
"2015-01-01	06:00:00"	1	63.46	16.71	1	4.476	58.98	21.69	8.16	19.56	19.72	-0.166	92.5	80.5	26.217	0	0		
"2015-01-01	07:00:00"	1	74.16	18.43	1	3.366	67.73	26.36	6.964	19.89	20.06	-0.172	92.6	80.6	26.23	0	0		
"2015-01-01	08:00:00"	1	71.41	33.37	1	2.409	65.36	37.8	6.368	20.17	20.34	-0.164	92.7	80.8	26.232	0.13056	0		
"2015-01-01	09:00:00"	1	109.8	83	1	1	75.04	90.2	1	20.65	20.79	-0.142	92.9	81	26.251	12.936	0		
"2015-01-01	10:00:00"	1	0.682	79.85	1	1	293.8	62.69	1	21.31	21.41	-0.108	92.9	81.2	26.262	41.992	0		
"2015-01-01	11:00:00"	1	318.4	49.66	1	2.294	304	39.28	5.175	22.21	22.47	-0.261	92.8	81.5	26.271	114.47	0		
"2015-01-01	12:00:00"	1	319.5	29.7	1	2.736	324.7	32.85	6.964	22.81	23.02	-0.211	92.7	81.7	26.264	134.64	0		
"2015-01-01	13:00:00"	1	350.5	82	1	2.752	350.7	75.66	5.771	23.42	23.71	-0.298	93.3	82.1	26.231	146.67	0		
"2015-01-01	14:00:00"	1	20.3	62.41	1	1.662	6.831	52.86	4.578	25.16	25.28	-0.113	93.9	82.8	26.197	160.62	0		
"2015-01-01	15:00:00"	1	341.8	39.49	1	2.48	341.6	34.91	4.578	24.73	25.04	-0.315	93.5	82.7	26.183	110.23	0		
"2015-01-01	16:00:00"	1	356.9	36.17	1	2.522	349.9	27.33	5.175	24.91	25.23	-0.318	93.7	82.7	26.172	76.429	0		
"2015-01-01	17:00:00"	1	351.6	20.99	1	3.084	350.3	21.4	6.368	24.81	25.16	-0.354	93.4	82.4	26.18	46.239	0		
"2015-01-01	18:00:00"	1	94	69.68	1	1.894	88.9	73.37	3.982	24.64	24.84	-0.197	93.9	82.3	26.19	10.571	0		
"2015-01-01	19:00:00"	1	49.49	27.29	1	2.439	42.33	31.73	5.175	24.49	24.61	-0.125	94.3	82.7	26.19	0.25403	0		
"2015-01-01	20:00:00"	1	33.87	44.99	1	2.163	30.82	52.87	6.368	24.46	24.57	-0.114	94.1	82.6	26.2	0	0		
"2015-01-01	21:00:00"	1	327.9	19.07	1	4.143	327.9	20.24	7.561	24.61	24.76	-0.158	93.5	82.3	26.207	0	0		
"2015-01-01	22:00:00"	1	334.6	11.94	1	4.623	335.9	13.12	8.16	24.69	24.85	-0.161	93.4	82.2	26.203	0	0		
"2015-01-01	23:00:00"	1	313.4	18.37	1	3.909	316.1	19.95	6.964	24.74	24.87	-0.129	93.7	82.3	26.201	0	0		
"2015-01-02	00:00:00"	1	304.6	44.76	1	2.19	305.5	40.83	5.771	25.01	25.12	-0.107	94	82.5	26.204	0	0		
"2015-01-02	01:00:00"	1	330.7	49.52	1	2.381	328.1	49.91	5.175	25	25.08	-0.083	94.4	82.8	26.201	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1_	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-02	02:00:00"	1	20.94	32.13	1	2.755	17.17	33.1	5.771	25.15	25.26	-0.107	94.7	83.2	26.195	0	0		
"2015-01-02	03:00:00"	1	76.68	31.31	1	1.749	67.7	37.47	4.578	25.23	25.34	-0.101	95	83.4	26.208	0	0		
"2015-01-02	04:00:00"	1	23.91	20.16	1	3.048	19.32	20.38	8.16	25.37	25.48	-0.109	95.5	83.9	26.19	0	0		
"2015-01-02	05:00:00"	1	26.23	18.68	1	3.713	24.78	20.29	7.561	25.58	25.68	-0.109	96	84.5	26.187	0	0		
"2015-01-02	06:00:00"	1	45.55	31.9	1	2.409	44.11	37.36	5.175	25.74	25.81	-0.067	95.9	84.6	26.2	0	0		
"2015-01-02	07:00:00"	1	29.38	13.21	1	3.984	28.15	14.51	9.35	25.61	25.69	-0.086	96	84.5	26.197	0	0		
"2015-01-02	08:00:00"	1	42.77	18.41	1	3.869	41.58	18.2	8.16	25.64	25.73	-0.089	96	84.5	26.199	0.17716	0		
"2015-01-02	09:00:00"	1	56.01	14.74	1	3.224	52.12	18.66	7.561	25.71	25.82	-0.112	95.9	84.5	26.223	9.0397	0		
"2015-01-02	10:00:00"	1	71.8	32.55	1	3.449	65.07	34.03	8.75	26.11	26.36	-0.245	96.1	84.7	26.235	21.607	0.03		
"2015-01-02	11:00:00"	1	18.74	13.06	1	5.815	17.28	14.78	10.54	26.74	26.95	-0.216	95.6	84.7	26.225	55.609	0.01		
"2015-01-02	12:00:00"	1	21.28	13.15	1	5.764	19.76	13.68	11.74	27.34	27.69	-0.349	94.5	84	26.204	51.388	0.08		
"2015-01-02	13:00:00"	1	31.82	16.9	1	5.068	29.13	18.39	12.33	28.18	28.48	-0.299	93.1	82.8	26.172	56.529	0		
"2015-01-02	14:00:00"	1	48.05	16.86	1	3.695	43.1	18.9	7.561	28.74	29.02	-0.276	93.3	82.9	26.143	67.686	0		
"2015-01-02	15:00:00"	1	54.57	28.17	1	5.432	49.74	30.83	13.52	29.15	29.45	-0.298	92.9	82.5	26.106	55.404	0.01		
"2015-01-02	16:00:00"	1	30.07	20.84	1	4.185	27.57	22	9.95	29.31	29.49	-0.189	91.9	81.3	26.097	43.638	0		
"2015-01-02	17:00:00"	1	30.01	27.01	1	3.611	28.29	29.66	8.75	29.26	29.42	-0.165	92.9	82.1	26.088	12.853	0		
"2015-01-02	18:00:00"	1	55.96	16.41	1	3.386	52.49	19.39	8.75	29.38	29.49	-0.115	93.6	82.5	26.095	3.4705	0		
"2015-01-02	19:00:00"	1	55.36	11.96	1	3.663	50.72	15.91	8.16	29.39	29.49	-0.104	96.7	85.2	26.076	0	0		
"2015-01-02	20:00:00"	1	15.34	44.9	1	2.677	11.05	43.15	6.964	29.77	29.81	-0.045	97.1	85.9	26.076	0	0		
"2015-01-02	21:00:00"	1	284.3	13.39	1	4.45	283.7	17.95	8.16	29.98	30.07	-0.09	97.8	86.5	26.106	0	0.01		
"2015-01-02	22:00:00"	1	282.5	49.87	1	2.35	291.5	51.62	3.982	30.03	30.1	-0.068	97.9	86.9	26.105	0	0.02		
"2015-01-02	23:00:00"	1	290.7	9.01	1	1.54	296.9	20.67	3.386	29.52	29.3	0.219	98	86.9	26.087	0	0.01		
"2015-01-03	00:00:00"	1	234.3	47.71	1	1.391	237.7	65.89	2.789	28.22	27.3	0.918	97.7	86.4	26.07	0	0		
"2015-01-03	01:00:00"	1	254.8	15.23	1	4.132	252.7	19.04	8.16	27.13	27.11	0.026	97.1	86	26.059	0	0		
"2015-01-03	02:00:00"	1	243.5	10.14	1	3.824	241.9	12.58	6.964	25.62	25.08	0.535	95.9	85	26.043	0	0		
"2015-01-03	03:00:00"	1	243.2	12.54	1	3.772	242.5	15.62	6.368	23.76	23.81	-0.048	95.5	83.8	26.021	0	0		
"2015-01-03	04:00:00"	1	255	10.63	1	5.368	252.7	15.53	8.16	24.78	24.85	-0.071	95.7	84.3	26.017	0	0		
"2015-01-03	05:00:00"	1	235.6	12.84	1	4.746	233.9	13.77	7.561	24.15	24.24	-0.096	95.3	83.9	26.009	0	0		
"2015-01-03	06:00:00"	1	217	12.08	1	4.261	219.8	14.13	7.561	22.76	22.88	-0.119	94.6	83.1	25.994	0	0		
"2015-01-03	07:00:00"	1	215.3	11.92	1	4.294	218.7	14.02	8.16	23.89	23.95	-0.056	95.3	83.6	25.982	0	0		
"2015-01-03	08:00:00"	1	206.3	9.39	1	4.284	211.7	14.03	6.964	24.36	24.29	0.064	95.3	83.9	25.987	0.65439	0		
"2015-01-03	09:00:00"	1	216.2	7.653	1	3.81	220.7	11.78	6.368	24.01	23.92	0.098	94.6	83.1	25.989	50.313	0		
"2015-01-03	10:00:00"	1	216.1	8.71	1	4.464	219.6	12.57	6.964	27.37	27.92	-0.553	95.2	83.8	26.007	125.91	0		
"2015-01-03	11:00:00"	1	239.1	11.31	1	5.598	238.3	13.69	8.75	32.26	32.65	-0.389	97.4	84.4	26.038	249.38	0		
"2015-01-03	12:00:00"	2.777	243.7	10.7	21.28	8.53	243.3	13.41	17.1	35.98	36.12	-0.133	95.3	83.1	26.049	467.8	0		
"2015-01-03	13:00:00"	17.34	257.3	10.48	25.45	13.96	255.9	13.81	22.47	41.32	41.28	0.045	78.21	67.94	26.048	586.2	0		
"2015-01-03	14:00:00"	20.05	267	10.9	30.22	15.33	265.9	13.94	26.05	44.34	44.51	-0.166	60.67	57.85	26.059	592.18	0		
"2015-01-03	15:00:00"	20.16	274.9	11.26	28.43	15.39	273.9	14.7	25.45	46.88	47.25	-0.374	50.94	49.61	26.078	528.11	0		
"2015-01-03	16:00:00"	18.91	275.4	10.72	29.63	14.51	273.3	14.06	23.66	48.19	48.52	-0.33	45.93	45.24	26.107	409.91	0		
"2015-01-03	17:00:00"	14.76	281.8	9.7	23.66	11.4	281	13.83	19.49	48.86	49.22	-0.369	46.09	44.78	26.144	248.26	0		
"2015-01-03	18:00:00"	12.04	286.6	7.558	20.68	9.03	287	11.34	16.51	46.62	46.18	0.431	51.42	49.57	26.169	69.404	0		
"2015-01-03	19:00:00"	7.334	288.7	9.01	13.52	4.651	286.1	13.01	10.54	41.62	40.22	1.399	62.93	60.32	26.186	0.60293	0		
"2015-01-03	20:00:00"	3.165	274.9	33.7	6.368	1.451	41.29	95.6	2.789	38.84	35.09	3.743	69.06	68.96	26.188	0	0		
"2015-01-03	21:00:00"	2.372	324.4	73.36	7.561	2.104	44.71	62.44	5.771	37.74	32.35	5.384	71.55	74.46	26.203	0	0		
"2015-01-03	22:00:00"	9.14	325.4	5.87	12.93	5.425	334.7	8.94	8.75	41.75	37.58	4.172	60.4	64.5	26.229	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-03	23:00:00"	8.11	329.2	7.905	11.14	4.549	332.3	14.18	6.964	41.78	38.04	3.734	59.37	62.03	26.264	0	0		
"2015-01-04	00:00:00"	6.588	317.2	10.77	8.16	3.274	325.8	14.3	5.175	40.52	35.82	4.706	61.63	65.3	26.286	0	0		
"2015-01-04	01:00:00"	6.843	312.4	10.33	8.75	3.852	319.6	10.11	5.771	37.07	33.11	3.962	70.31	70.77	26.299	0	0		
"2015-01-04	02:00:00"	10.47	353.7	22.43	23.66	6.903	353.9	23.3	20.68	34.46	32.76	1.699	75.38	71.32	26.337	0	0		
"2015-01-04	03:00:00"	15.98	26.81	10.26	23.07	9.97	26.11	11.4	19.49	31.98	31.79	0.199	79.99	71.45	26.394	0	0		
"2015-01-04	04:00:00"	15.08	30.03	9.81	24.86	8.85	28.72	10.84	18.3	30	29.86	0.138	86.3	76.45	26.421	0	0		
"2015-01-04	05:00:00"	13.09	22.55	10.06	19.49	8.91	21.84	11.16	16.51	28.88	28.7	0.176	88.6	78.39	26.44	0	0		
"2015-01-04	06:00:00"	15.4	30.54	10.99	24.26	9.13	28.55	11.8	21.87	27.81	27.67	0.139	84	74.72	26.46	0	0		
"2015-01-04	07:00:00"	12.98	23.47	9.67	18.89	8.9	21.39	11.4	15.91	25.31	25.23	0.074	84.9	74.76	26.48	0	0		
"2015-01-04	08:00:00"	12.62	22.56	10.76	20.68	8.32	21.82	11.95	15.91	24.12	24.04	0.076	80.5	71.19	26.494	1.3071	0		
"2015-01-04	09:00:00"	9.01	16.99	12.51	16.51	6.484	15.34	14.5	15.31	24.17	24.33	-0.156	75.48	67.12	26.539	89.397	0		
"2015-01-04	10:00:00"	10.52	30.29	11.24	16.51	6.461	28.94	12.52	14.12	25.93	26.54	-0.61	69.87	62.22	26.58	276.76	0		
"2015-01-04	11:00:00"	7.088	42.33	21.34	13.52	4.596	38.16	25.21	13.52	28.88	29.92	-1.037	64.53	57.58	26.62	433.93	0		
"2015-01-04	12:00:00"	2.877	307.3	83.4	8.16	2.522	304.8	79.29	7.561	34.31	34.75	-0.446	53.68	49.44	26.644	540.78	0		
"2015-01-04	13:00:00"	4.719	232	51.66	9.35	3.787	238.2	54.15	9.95	35.83	36.56	-0.735	53.57	48.76	26.64	598.1	0		
"2015-01-04	14:00:00"	5.573	213	38.3	10.54	4.383	217.5	41.01	10.54	37.28	38.2	-0.922	52.75	47.85	26.618	596.18	0		
"2015-01-04	15:00:00"	6.387	209	24.34	11.74	4.798	212.2	29.95	10.54	39.1	40.14	-1.039	53.22	47.96	26.605	533.44	0		
"2015-01-04	16:00:00"	7.305	202.4	20.54	14.12	5.449	206.6	22.93	11.74	40.33	41.27	-0.946	54.41	49.13	26.598	415.19	0		
"2015-01-04	17:00:00"	9.13	193.9	11.4	13.52	6.519	197.8	15.76	11.14	39.76	40.84	-1.08	58.38	51.9	26.603	252.72	0		
"2015-01-04	18:00:00"	7.539	179.7	9.13	12.33	4.49	182.4	15.73	8.75	38.25	38.39	-0.14	63.08	56.87	26.585	72.255	0		
"2015-01-04	19:00:00"	4.913	169.4	22.65	8.75	2.263	141.6	46.24	3.982	34.48	31.72	2.756	72.36	68.78	26.564	0.67927	0		
"2015-01-04	20:00:00"	6.873	160.6	9.32	11.14	2.952	141	27.32	5.771	32.35	29.13	3.212	79.86	75.67	26.542	0	0		
"2015-01-04	21:00:00"	6.196	162.6	13.14	8.75	2.699	148.2	22.86	5.771	29.59	27.75	1.836	89.8	80.8	26.538	0	0		
"2015-01-04	22:00:00"	5.602	145	17.39	8.75	2.609	119.5	32.66	5.175	28.47	26.39	2.078	92.9	83.5	26.543	0	0		
"2015-01-04	23:00:00"	4.023	130.9	18.05	6.368	2.337	91.1	22.31	3.982	28.05	26.34	1.714	92.7	84	26.549	0	0		
"2015-01-05	00:00:00"	4.78	167.9	8.5	6.964	2.212	136.6	19.01	3.982	28.55	25.31	3.234	93.6	83.8	26.552	0	0		
"2015-01-05	01:00:00"	4.886	156.1	9.27	6.368	2.157	119.5	19.83	3.982	28.13	24.79	3.335	95.7	84.6	26.548	0	0		
"2015-01-05	02:00:00"	4.482	139.6	13.76	6.368	2.038	101.8	24.19	3.386	26.59	24.35	2.232	96.6	84.8	26.548	0	0		
"2015-01-05	03:00:00"	4.501	106	14.32	6.964	2.5	75.95	19.53	3.982	27.15	25.25	1.904	96.8	85.2	26.547	0	0		
"2015-01-05	04:00:00"	6.018	117.1	8.23	8.16	2.745	97.5	15.82	4.578	26.71	24.64	2.064	93.2	84.2	26.543	0	0		
"2015-01-05	05:00:00"	5.437	114.3	8.58	7.561	2.675	90.7	14.26	4.578	26.06	24.18	1.882	92.8	83.3	26.532	0	0		
"2015-01-05	06:00:00"	4.142	100.3	23.16	5.771	2.103	78.53	26.29	3.386	25.53	23.89	1.639	92.5	82.9	26.52	0	0		
"2015-01-05	07:00:00"	1.792	119.4	40.67	3.982	1.397	65.15	58.81	2.789	25.89	24.09	1.798	92.6	82.8	26.509	0	0		
"2015-01-05	08:00:00"	3.037	205.2	27.23	6.964	1.435	185.8	86.4	2.789	25.27	21.47	3.798	94.4	82.4	26.5	1.036	0		
"2015-01-05	09:00:00"	5.227	195.8	14.1	8.16	2.2	195.8	23.12	4.578	26.87	25.1	1.77	89.4	82	26.512	65.571	0		
"2015-01-05	10:00:00"	6.899	201.8	14.1	11.74	4.589	206.1	17.4	8.16	31.97	32.35	-0.379	86.5	78.19	26.556	254.81	0		
"2015-01-05	11:00:00"	7.943	218.3	9.88	12.33	5.993	221	12.31	11.14	35.28	36	-0.722	83.6	74.58	26.586	439.16	0		
"2015-01-05	12:00:00"	8.43	220.7	11.17	13.52	6.563	222.9	13.6	11.74	39.96	40.69	-0.733	73.27	65.7	26.591	549.17	0		
"2015-01-05	13:00:00"	10.29	214.4	14.07	15.91	7.687	216.2	15.54	14.12	45.39	46.45	-1.054	62.4	56.51	26.571	606.97	0		
"2015-01-05	14:00:00"	13.05	209.8	11.26	19.49	9.44	213	13.91	15.91	49.8	51.04	-1.234	54.26	49.92	26.548	608.14	0		
"2015-01-05	15:00:00"	14.32	210.1	9.26	20.09	10.11	211.7	12.42	16.51	52.59	53.73	-1.138	49.61	46.29	26.544	537.42	0		
"2015-01-05	16:00:00"	13.65	211	9.03	18.89	9.61	213.3	11.98	14.72	55.35	56.24	-0.887	45.07	43.02	26.552	426.71	0		
"2015-01-05	17:00:00"	12.11	210.6	9.52	21.87	8.48	212.7	12.06	16.51	56.89	57.43	-0.543	42.13	40.82	26.546	262.53	0		
"2015-01-05	18:00:00"	9.46	214.5	7.078	14.72	6.006	215.5	10.54	11.74	54.39	53.88	0.513	46.77	45.73	26.528	78.427	0		
"2015-01-05	19:00:00"	7.493	221.5	11.18	11.14	3.93	228.7	18.47	7.561	47.03	44.77	2.261	61.93	60.53	26.502	0.69922	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-05	20:00:00"	8.45	224.5	12.52	13.52	4.13	223.3	16.25	8.16	43.48	40.04	3.437	70.09	69.5	26.464	0	0		
"2015-01-05	21:00:00"	8.66	212	7.69	12.93	4.901	213.3	11.79	8.75	40.68	39.05	1.63	75.55	71.46	26.448	0	0		
"2015-01-05	22:00:00"	10.71	211.2	10.13	18.3	6.865	214	12.88	12.33	41.22	40.28	0.939	74.64	69.5	26.448	0	0		
"2015-01-05	23:00:00"	7.052	253.4	15.46	13.52	4.473	256.8	17.99	9.95	38.64	37.31	1.327	80.7	74.49	26.458	0	0		
"2015-01-06	00:00:00"	5.573	282.7	15.14	8.75	2.787	304.8	28.53	5.771	38.69	35.37	3.317	81.9	78.26	26.446	0	0		
"2015-01-06	01:00:00"	4.651	260.2	17.42	6.964	1.8	262.7	71.2	3.982	38.72	34.46	4.257	81.6	79.32	26.421	0	0		
"2015-01-06	02:00:00"	5.726	262.5	23.93	9.35	2.451	276.6	60.4	5.771	38.52	32.95	5.568	80.5	81.3	26.407	0	0		
"2015-01-06	03:00:00"	5.23	234.4	15.76	9.95	2.138	251.9	52.72	3.982	36.79	32.92	3.874	81.4	79.68	26.412	0	0		
"2015-01-06	04:00:00"	4.654	256.8	20.42	6.368	2.299	277.2	37.67	4.578	33.88	31.23	2.644	87.2	80.9	26.416	0	0		
"2015-01-06	05:00:00"	5.613	289.7	15.19	7.561	2.851	306	20.79	5.175	36.28	31.85	4.422	75.98	77.32	26.402	0	0		
"2015-01-06	06:00:00"	5.858	298.6	11.78	7.561	2.71	307.4	28.96	4.578	38.35	33.58	4.773	68.4	71.54	26.404	0	0		
"2015-01-06	07:00:00"	4.279	257	27.5	7.561	2.186	255.8	56.08	4.578	34.59	30.25	4.332	75.13	74.39	26.42	0	0		
"2015-01-06	08:00:00"	4.642	306.5	9.61	6.964	2.431	328.2	23.29	4.578	34.52	30.05	4.472	74.82	75.88	26.429	0.78304	0		
"2015-01-06	09:00:00"	2.843	249.8	45.51	5.175	1.903	139.9	82	3.982	37.46	32.39	5.071	66.04	71.42	26.463	65.367	0		
"2015-01-06	10:00:00"	3.963	328.7	29.6	11.14	2.87	335.7	44.68	9.35	42.42	43.03	-0.611	62.67	59.65	26.518	262.93	0		
"2015-01-06	11:00:00"	10.32	27.79	12.39	15.31	6.497	26.73	14.06	11.74	45.59	46.18	-0.585	56.68	52.94	26.574	425.86	0		
"2015-01-06	12:00:00"	10.55	35.16	10.9	15.31	6.407	31.87	11.86	12.33	48.28	49	-0.725	54.19	50.78	26.579	539.91	0		
"2015-01-06	13:00:00"	10.2	36.76	13.35	15.31	6.166	34.07	15.51	12.93	50.67	51.6	-0.937	51.28	48.36	26.577	597.52	0		
"2015-01-06	14:00:00"	8.75	34.93	15.76	14.12	5.707	31.89	18.12	11.14	52.63	53.58	-0.948	49.11	46.67	26.567	596.85	0		
"2015-01-06	15:00:00"	8.54	18.36	16.58	14.12	6.246	16.87	18.87	11.74	54.46	55.33	-0.865	46.19	44.52	26.552	535.31	0		
"2015-01-06	16:00:00"	6.287	23.81	23.06	14.12	4.517	21.23	24.66	12.33	55.97	56.71	-0.736	43.98	42.85	26.554	418.64	0		
"2015-01-06	17:00:00"	4.304	20.16	29.81	8.16	3.125	17.8	33.43	7.561	57.34	58.08	-0.749	41.91	41.3	26.564	256.5	0		
"2015-01-06	18:00:00"	5.112	30.28	11.73	9.35	3.194	31.67	14.55	6.964	54.95	54.97	-0.018	46.59	45.36	26.558	75.981	0		
"2015-01-06	19:00:00"	4.894	60.81	6.3	6.368	2.888	66.69	9.28	3.982	49.43	46.65	2.774	57.94	58.85	26.528	0.52886	0		
"2015-01-06	20:00:00"	6.124	75.27	8.61	8.16	3.239	64.23	9.25	4.578	46.26	41.58	4.683	64.39	67.49	26.503	0	0		
"2015-01-06	21:00:00"	7.216	72.14	7.979	9.35	3.759	60	8.55	5.175	43.64	39.55	4.092	70.86	71.79	26.489	0	0		
"2015-01-06	22:00:00"	7.244	61.94	7.601	9.35	3.608	57.29	10.9	5.175	42.4	38.48	3.924	74.5	74.2	26.491	0	0		
"2015-01-06	23:00:00"	7.148	58.78	6.443	9.35	3.727	57.19	10.26	5.771	40.48	37.54	2.933	80.6	76.82	26.489	0	0		
"2015-01-07	00:00:00"	7.356	59.71	6.209	8.75	3.833	57.66	10.93	5.771	38.83	36.3	2.527	85.6	80.2	26.491	0	0		
"2015-01-07	01:00:00"	6.34	59.54	7.92	8.75	3.104	56.79	13.09	5.175	38.5	35.9	2.603	87.6	81.9	26.494	0	0		
"2015-01-07	02:00:00"	6.556	58	8.34	8.16	3.361	53.56	11.77	5.771	38.2	35.96	2.235	88.5	82.7	26.486	0	0		
"2015-01-07	03:00:00"	7.851	32.62	13.22	13.52	4.138	27.73	23.34	10.54	36.09	34.94	1.149	90.2	82.5	26.5	0	0		
"2015-01-07	04:00:00"	9.18	24.11	16.4	14.12	4.896	28.24	23.57	11.14	34.98	34.47	0.511	91.6	82.1	26.504	0	0		
"2015-01-07	05:00:00"	7.504	23.32	24.94	14.72	4.169	24.45	43.43	11.74	34.67	34.01	0.662	91.5	82.1	26.509	0	0		
"2015-01-07	06:00:00"	10.84	28.63	8.52	15.91	6.151	28.6	10.02	12.93	33.18	32.83	0.353	91.3	81.5	26.519	0	0		
"2015-01-07	07:00:00"	10.04	31.88	8.93	14.12	5.497	31.24	10.31	11.14	33.57	33.18	0.389	89.8	80.4	26.54	0	0		
"2015-01-07	08:00:00"	10.68	32.18	9.27	15.91	5.748	31.35	10.23	11.14	33.85	33.41	0.445	88.1	79.02	26.576	0.96426	0		
"2015-01-07	09:00:00"	11.28	41.35	9.49	17.1	5.957	37.53	10.94	11.14	34.84	34.72	0.116	86.8	78.05	26.632	74.168	0		
"2015-01-07	10:00:00"	17.88	62.32	10.49	30.82	11.71	59.8	15.5	23.66	36.08	36.64	-0.563	85.1	76	26.711	224.98	0		
"2015-01-07	11:00:00"	22.37	60.26	10.54	32.61	14.11	57.25	15.88	23.66	33.79	34.43	-0.641	78.03	69.93	26.776	290.84	0		
"2015-01-07	12:00:00"	22.99	50.41	13.16	37.38	13.7	46.64	16.29	26.65	31.41	32.37	-0.961	67.24	59.74	26.806	492.6	0		
"2015-01-07	13:00:00"	23.05	40.53	12.24	34.4	13.08	36.66	13.75	25.45	30.54	31.44	-0.892	66.34	58.51	26.811	511.54	0		
"2015-01-07	14:00:00"	22.15	46.28	11.49	34.4	12.53	42.46	14.15	24.86	26.73	27.5	-0.769	72.29	62.97	26.814	260.13	0		
"2015-01-07	15:00:00"	20.2	42.94	11.53	30.22	11.32	40.01	14.2	24.86	25.87	26.36	-0.495	75.33	65.7	26.807	136.66	0		
"2015-01-07	16:00:00"	20.7	38.34	10.16	29.03	11.42	35.13	12.33	24.26	25.31	25.67	-0.363	77.68	67.77	26.808	105.16	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-07	17:00:00"	16.99	44.67	13.65	27.24	9.86	41.24	15.89	19.49	26.13	26.53	-0.398	71.59	62.97	26.815	101.48		0	
"2015-01-07	18:00:00"	16.31	37.58	9.73	24.86	9.02	34.35	11.64	18.89	25.61	25.8	-0.187	65.32	57.8	26.819	26.833		0	
"2015-01-07	19:00:00"	13.48	41.79	10.76	20.68	7.454	38.02	12.95	15.91	24.92	25.05	-0.13	60.21	53.42	26.821	0.19402		0	
"2015-01-07	20:00:00"	10.71	59.9	9.96	17.1	6.893	57.24	15.47	12.93	24.86	25.01	-0.149	58.19	51.87	26.821	0		0	
"2015-01-07	21:00:00"	9.02	57.47	11.81	12.93	5.783	54.95	16.46	10.54	24.63	24.78	-0.146	59.92	53.18	26.814	0		0	
"2015-01-07	22:00:00"	6.891	61.83	15.89	11.74	4.305	58.31	19.65	8.16	24.52	24.66	-0.141	60.57	53.86	26.809	0		0	
"2015-01-07	23:00:00"	6.181	84.8	14.6	9.35	4.308	82.3	20.76	7.561	24.12	24.25	-0.131	57.88	51.78	26.79	0		0	
"2015-01-08	00:00:00"	4.75	74.66	17.07	6.368	3.365	72.81	21.81	5.771	23.83	23.96	-0.124	55.6	49.83	26.762	0		0	
"2015-01-08	01:00:00"	2.816	70.91	29.29	5.175	1.876	66.74	33.37	3.982	23.67	23.65	0.02	54.79	49.06	26.725	0		0	
"2015-01-08	02:00:00"	1.735	171.5	37.89	3.386	1.344	178.6	37.96	2.789	23.35	23.09	0.264	58.13	53.41	26.682	0		0	
"2015-01-08	03:00:00"	3.412	171.4	11.64	5.771	2.289	175	16.34	3.982	23.52	23.56	-0.041	57.97	51.92	26.653	0		0	
"2015-01-08	04:00:00"	4.884	178.8	5.755	6.368	2.192	174.7	12.14	3.982	22.58	21.62	0.965	60.24	57.5	26.618	0		0	
"2015-01-08	05:00:00"	5.807	186.9	6.569	8.16	2.625	185	12.35	5.175	20.78	19.67	1.113	68.82	65.38	26.56	0		0	
"2015-01-08	06:00:00"	7.515	201.7	7.129	11.14	4.654	204.8	11.69	8.75	20.79	20.44	0.356	70.2	63.1	26.518	0		0	
"2015-01-08	07:00:00"	9.43	207.5	7.566	13.52	6.28	210	11.6	10.54	20.19	20.13	0.058	71.08	62.74	26.487	0		0	
"2015-01-08	08:00:00"	9.22	210.8	8.03	13.52	6.269	213	11.32	11.14	20.36	20.43	-0.071	69.09	60.84	26.467	1.0655		0	
"2015-01-08	09:00:00"	11.15	212.5	7.99	15.91	7.771	215.1	12.04	12.93	21.1	21.31	-0.209	66.08	57.97	26.449	45.498		0	
"2015-01-08	10:00:00"	11.33	211.2	9.84	16.51	7.827	213.5	12.9	12.93	22.91	23.47	-0.558	66.26	57.51	26.44	159.51		0	
"2015-01-08	11:00:00"	12.17	212.5	9.78	17.7	8.66	214	12.35	15.31	26.47	27.54	-1.067	60.4	52.01	26.43	348.24		0	
"2015-01-08	12:00:00"	12.9	213.6	11.4	19.49	9.4	216	13.9	15.91	29.07	30.19	-1.121	57.76	49.94	26.404	408.58		0	
"2015-01-08	13:00:00"	14.13	220.1	10.85	20.68	10.32	221.2	13.11	17.1	32.65	33.76	-1.109	54.48	47.7	26.36	479.7		0	
"2015-01-08	14:00:00"	14.9	220.8	10.33	21.28	10.86	222.2	12.29	18.89	37.24	38.42	-1.181	51.63	45.68	26.331	487.23		0	
"2015-01-08	15:00:00"	13.5	216	12.31	20.09	9.8	218	14.33	15.91	40.83	42	-1.173	49.52	44.16	26.307	469.34		0	
"2015-01-08	16:00:00"	15	215.6	9.67	21.87	10.51	216.8	12.4	17.1	42.07	43.09	-1.02	52.32	46.7	26.299	311.21		0	
"2015-01-08	17:00:00"	11.31	212.8	10.06	18.3	7.864	214.3	13.17	14.12	41.54	42.05	-0.515	53.98	48.77	26.282	143.77		0	
"2015-01-08	18:00:00"	10.19	211.3	8.4	15.31	6.972	214.3	11.09	11.74	41.27	41.25	0.02	56.16	51.37	26.263	39.217		0	
"2015-01-08	19:00:00"	7.148	195.8	14.11	14.12	4.084	196.9	17.94	9.35	40.97	40.06	0.915	62.29	57.94	26.261	0.37152		0	
"2015-01-08	20:00:00"	4.95	173	12.85	7.561	2.238	167.1	32.41	3.982	37.27	35.65	1.62	69.37	64.85	26.258	0		0	
"2015-01-08	21:00:00"	4.123	146.3	44.53	8.75	2.162	133.7	74.05	5.175	35.23	33.48	1.747	72.52	68.39	26.246	0		0	
"2015-01-08	22:00:00"	5.695	208.6	13.09	9.95	3.58	215	15.39	6.964	34.91	34.44	0.471	72.22	66.45	26.239	0		0	
"2015-01-08	23:00:00"	5.394	14.93	56.01	13.52	3.799	11.86	54.69	10.54	35.72	35.54	0.18	70.23	63.77	26.268	0		0	
"2015-01-09	00:00:00"	4.907	21.68	11.51	9.95	3.279	22.28	14.52	7.561	36.15	36.07	0.079	72.86	65.46	26.29	0		0	
"2015-01-09	01:00:00"	3.404	49.13	17.01	5.771	1.918	57.4	24.24	3.982	36.44	36.27	0.169	74.57	67.81	26.305	0		0	
"2015-01-09	02:00:00"	4.981	37.08	23.69	10.54	3.079	37.79	28.71	8.16	37.08	36.64	0.435	75.46	70.8	26.319	0		0	
"2015-01-09	03:00:00"	9.99	21.29	9.44	18.89	7.023	20.63	11.39	15.31	36.68	36.55	0.134	80.7	73.14	26.34	0	0.02		
"2015-01-09	04:00:00"	17.36	38.23	16.53	34.4	10.51	35.96	16.94	26.65	36.7	36.44	0.255	80.6	73.73	26.362	0	0.01		
"2015-01-09	05:00:00"	20.04	56.15	8.99	35	12.74	54.02	14.01	25.45	35.93	35.62	0.304	76.44	70.36	26.395	0		0	
"2015-01-09	06:00:00"	19.88	52.39	10.43	32.01	11.98	49.25	14.58	27.84	34.5	34.31	0.187	73.67	67.36	26.432	0		0	
"2015-01-09	07:00:00"	18.79	54.13	10.03	30.22	11.36	50.64	14.43	23.07	32.77	32.68	0.091	73.92	66.99	26.467	0		0	
"2015-01-09	08:00:00"	17.21	59.69	9.14	26.65	11.15	56.81	14.47	21.28	31.71	31.64	0.068	74.95	67.51	26.505	0.44663		0	
"2015-01-09	09:00:00"	20.52	62.94	9.06	30.22	13.45	59.92	14.55	23.66	30.27	30.33	-0.052	76.7	68.46	26.536	29.723		0	
"2015-01-09	10:00:00"	20.8	63.6	9.45	31.42	13.51	60.47	14.92	24.86	29.48	29.76	-0.281	77.68	68.96	26.566	100.85		0	
"2015-01-09	11:00:00"	19.62	63.94	9.05	28.43	12.94	60.87	14.89	21.87	28.98	29.3	-0.324	77	68.18	26.59	93.816		0	
"2015-01-09	12:00:00"	15.94	65.83	9.89	23.66	10.54	63.09	15.56	19.49	29.7	30.25	-0.558	76.8	67.86	26.594	156.47		0	
"2015-01-09	13:00:00"	13.82	68.71	12.16	20.09	9.07	65.2	17.64	17.1	30.2	30.97	-0.773	73.95	65.44	26.581	177.71		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-09	14:00:00"	11.13	74.41	12.26	17.7	7.523	72.2	18.81	12.93	30.91	31.77	-0.855	73.32	64.77	26.558	168.51		0	
"2015-01-09	15:00:00"	9.24	71.74	14.67	14.72	6.252	67.95	21.4	11.74	32.02	32.95	-0.931	71.05	62.93	26.547	195.24		0	
"2015-01-09	16:00:00"	9.05	50.7	13.87	14.72	5.604	46.67	17.77	10.54	32.72	33.47	-0.743	68.21	60.76	26.547	170.93		0	
"2015-01-09	17:00:00"	8.2	75.2	20.64	12.93	5.445	71.93	25.67	9.95	32.91	33.47	-0.555	66.21	59.33	26.546	105.52		0	
"2015-01-09	18:00:00"	7.645	93.5	13.4	12.33	5.375	92.3	18.98	9.95	32.13	32.19	-0.062	65.88	59.4	26.536	42.58		0	
"2015-01-09	19:00:00"	5.4	82.4	10.82	7.561	2.941	79.34	15.22	5.771	29.95	28.9	1.045	70.83	65.72	26.525	0.89399		0	
"2015-01-09	20:00:00"	5.381	87.9	9.98	7.561	2.579	90.7	14.2	3.982	27.72	26.22	1.499	76.32	71.23	26.515	0		0	
"2015-01-09	21:00:00"	5.66	93.1	12.3	8.16	3.226	89.5	17.44	5.771	27.08	26.27	0.808	79.22	72.85	26.517	0		0	
"2015-01-09	22:00:00"	5.383	105.4	8.52	8.16	3.41	100.2	14.57	6.368	26.2	25.8	0.401	80	72.49	26.514	0		0	
"2015-01-09	23:00:00"	5.889	123.8	9.69	8.16	3.801	124.3	15.34	6.964	26.38	26.3	0.077	77.17	69.16	26.507	0		0	
"2015-01-10	00:00:00"	7.434	127.6	8.37	9.95	4.458	128.8	13.77	7.561	25.11	24.77	0.338	77.09	68.87	26.481	0		0	
"2015-01-10	01:00:00"	3.604	112.4	24.74	8.75	2.075	102.1	38.37	5.771	23.24	22.56	0.678	82	73.25	26.457	0		0	
"2015-01-10	02:00:00"	3.377	121	20.73	5.771	1.793	114.8	32.9	3.386	22.88	21.71	1.179	81	73.98	26.437	0		0	
"2015-01-10	03:00:00"	3.182	101.9	11.12	4.578	1.746	76.75	15.31	2.789	22.39	21.38	1.007	81.1	74.53	26.424	0		0	
"2015-01-10	04:00:00"	3.03	132.5	23.14	5.771	1.922	130.9	31.54	4.578	23.99	23.85	0.14	78.93	71.45	26.415	0		0	
"2015-01-10	05:00:00"	1.462	127.6	22.05	2.789	1.026	125.9	25.31	1.596	23.63	22.9	0.731	80.7	73.04	26.398	0		0	
"2015-01-10	06:00:00"	3.004	91.8	12.77	5.175	1.851	72.71	15.43	3.386	23.56	22.5	1.055	81.2	74.8	26.368	0		0	
"2015-01-10	07:00:00"	4.282	134	9.05	6.368	2.114	123.8	22.12	3.982	24.26	23.57	0.687	76.37	72.92	26.367	0		0	
"2015-01-10	08:00:00"	5.6	163.5	10.4	10.54	3.504	166.8	14.88	7.561	25.87	25.78	0.092	70.04	64.98	26.384	0.2595		0	
"2015-01-10	09:00:00"	7.233	172.6	10.77	10.54	4.609	176.7	16.82	8.16	26.42	26.48	-0.06	60.27	55.27	26.392	17.208		0	
"2015-01-10	10:00:00"	8.87	173.3	11.51	12.33	5.779	177	17.71	9.95	27.16	27.47	-0.307	57.61	51.81	26.394	96.947		0	
"2015-01-10	11:00:00"	9.73	177.6	13.07	14.12	6.599	181.2	18.56	12.33	29.13	29.96	-0.826	52.44	46.61	26.4	246.56		0	
"2015-01-10	12:00:00"	10.67	191.7	11.46	16.51	7.561	195.6	15.96	12.93	30.7	31.64	-0.939	54.67	47.88	26.389	280.45		0	
"2015-01-10	13:00:00"	11.7	201.7	12.84	16.51	8.22	205.5	15.69	13.52	31.18	32.13	-0.957	68.3	59.02	26.361	250.55		0	
"2015-01-10	14:00:00"	11.82	197.5	11.72	17.1	8.24	201.4	15.83	13.52	32.26	33.34	-1.08	74.89	64.55	26.322	339		0	
"2015-01-10	15:00:00"	11.91	186	13.56	17.1	8.15	189.8	18.65	14.72	34.38	35.69	-1.306	73.29	62.95	26.297	378.02		0	
"2015-01-10	16:00:00"	11.3	190.4	11.87	18.3	7.73	195.1	15.95	13.52	35.18	36.03	-0.849	72.56	63.29	26.281	217.64		0	
"2015-01-10	17:00:00"	11.1	177.8	12.36	16.51	7.288	180.5	18.33	12.33	35.23	36.11	-0.876	75.24	65.36	26.266	196.16		0	
"2015-01-10	18:00:00"	11.7	187.1	9.42	17.1	7.577	190.6	14.98	13.52	35.27	35.48	-0.211	78.35	69.19	26.266	60.949		0	
"2015-01-10	19:00:00"	7.516	175.8	9.48	13.52	4.249	177.3	15.48	9.95	32.94	32.43	0.51	83.1	74.12	26.256	1.6508		0	
"2015-01-10	20:00:00"	5.069	184.5	11.03	7.561	2.074	188.3	17.64	4.578	31.49	30.13	1.355	86.4	78.14	26.242	0		0	
"2015-01-10	21:00:00"	6.244	191.7	8.88	8.16	2.672	193.2	15.48	3.982	31.21	29.2	2.007	88.3	80.3	26.239	0		0	
"2015-01-10	22:00:00"	6.224	187.2	6.537	8.16	2.74	190.7	12.93	4.578	29.39	27.8	1.587	92.6	83.2	26.228	0		0	
"2015-01-10	23:00:00"	5.548	197.2	7.074	8.16	2.674	202.8	11.97	4.578	29.08	27.95	1.128	95.1	84.8	26.22	0		0	
"2015-01-11	00:00:00"	5.149	211.9	8.68	6.368	2.539	223	13.25	3.982	28.43	27.35	1.076	96.6	85.5	26.206	0		0	
"2015-01-11	01:00:00"	5.005	231.1	8.51	6.368	2.549	242.4	14.16	4.578	27.86	26.65	1.204	97.5	85.9	26.189	0		0	
"2015-01-11	02:00:00"	5.634	220.6	9.56	9.95	3.711	225.2	12.7	7.561	28.04	27.76	0.275	97.5	86.5	26.179	0		0	
"2015-01-11	03:00:00"	7.005	228.1	10.5	11.14	5.258	228.7	12.05	8.75	28.29	28.32	-0.026	97.5	86.8	26.18	0		0	
"2015-01-11	04:00:00"	7.285	224.9	9.91	10.54	5.279	225.8	11.61	8.16	28.95	28.94	0.004	97.7	87.1	26.18	0		0	
"2015-01-11	05:00:00"	6.998	227.3	8.5	9.95	5.133	227.7	10.73	8.16	28.9	28.91	-0.011	97.6	87.1	26.177	0		0	
"2015-01-11	06:00:00"	6.164	233.3	7.626	11.14	4.7	232.6	9.82	8.16	28.16	28.2	-0.035	97.3	87	26.172	0		0	
"2015-01-11	07:00:00"	4.662	247.4	14.42	6.964	3.6	249	17.54	5.771	26.7	26.71	-0.008	96.6	86.4	26.17	0		0	
"2015-01-11	08:00:00"	4.886	252.7	7.478	6.368	2.841	250.3	13.41	5.175	26.19	25.47	0.721	96.5	85.5	26.168	1.219		0	
"2015-01-11	09:00:00"	4.18	244.6	12.96	9.35	2.567	248	21.41	6.368	28.34	28	0.338	96.9	85.7	26.172	78.395		0	
"2015-01-11	10:00:00"	7.92	230.7	8.67	11.74	6.071	229.6	10.79	9.95	34.47	34.78	-0.311	97.9	87.4	26.216	262.53		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-11	11:00:00"	8.39	237.8	10.95	13.52	6.85	236.6	12.87	11.74	40.86	41.25	-0.396	96.5	89.6	26.264	413.72		0	
"2015-01-11	12:00:00"	9.46	242.3	15.45	13.52	7.784	241.9	16.68	12.93	50.62	51.4	-0.783	73.46	63.59	26.288	525.18		0	
"2015-01-11	13:00:00"	11.03	263.3	14.74	17.1	8.99	262.4	17.76	14.72	58.41	58.93	-0.52	48.66	47	26.298	585.43		0	
"2015-01-11	14:00:00"	12.38	258.2	14.06	19.49	10.15	256.3	16.99	18.3	61.36	61.82	-0.462	41.64	41.31	26.292	587.69		0	
"2015-01-11	15:00:00"	13.33	244.5	15.04	21.28	10.66	243.7	17.28	17.7	62.81	63.17	-0.361	38.24	38.31	26.283	529.2		0	
"2015-01-11	16:00:00"	15.04	261.5	13.66	21.28	11.9	260.8	16.25	18.3	62.96	63.41	-0.45	38.26	38.13	26.288	415.93		0	
"2015-01-11	17:00:00"	14.5	267.9	11.96	21.87	11.18	266.6	14.53	18.3	63.24	63.55	-0.306	37.32	37.35	26.291	260.64		0	
"2015-01-11	18:00:00"	9.99	276.8	11.43	20.09	7.136	277.3	16.89	15.91	61.63	61.17	0.462	38.45	39.05	26.298	70.184		0	
"2015-01-11	19:00:00"	6.74	299.7	6.265	9.95	3.131	318.5	11.9	5.175	56.96	52.67	4.292	46.26	50.31	26.286	1.0447		0	
"2015-01-11	20:00:00"	8.02	302.4	10.83	11.14	4.371	301.4	15.48	6.368	53.05	49.81	3.241	53.99	55.9	26.283	0		0	
"2015-01-11	21:00:00"	8.92	309.6	16.56	14.12	5.97	306.8	21.41	11.14	51.21	49.52	1.69	59.15	57.75	26.295	0		0	
"2015-01-11	22:00:00"	9.8	319	7.326	14.72	6.683	322.6	9.32	12.33	51.76	50.25	1.512	58.02	56.75	26.309	0		0	
"2015-01-11	23:00:00"	8.13	320.7	8.48	12.33	5.462	323.8	10.49	8.16	49.41	47.7	1.712	59.17	57.96	26.312	0		0	
"2015-01-12	00:00:00"	7.457	321.2	8.01	9.95	4.216	326.9	11.43	6.964	46.66	43.79	2.878	62.15	62.37	26.296	0		0	
"2015-01-12	01:00:00"	5.446	296.6	31.13	8.75	2.831	276.5	46.14	5.771	42.76	39.07	3.689	70.11	69.55	26.284	0		0	
"2015-01-12	02:00:00"	8.77	311.8	5.338	11.14	4.724	312.2	11.84	8.16	43.2	39.98	3.221	72.97	71.6	26.269	0		0	
"2015-01-12	03:00:00"	8.71	313.6	7.132	13.52	5.789	314	7.976	10.54	43.65	42.25	1.395	72.13	68.26	26.295	0		0	
"2015-01-12	04:00:00"	9.36	321	8.19	13.52	6.605	323.3	10.14	11.14	42.57	41.5	1.076	74.72	69.73	26.313	0		0	
"2015-01-12	05:00:00"	10.52	343.4	14.93	17.7	7.378	344.3	16.31	12.93	42.91	41.72	1.185	71.2	67.05	26.323	0		0	
"2015-01-12	06:00:00"	16.2	19.36	13.21	24.86	10.97	18.78	13.82	23.07	39.79	39.54	0.253	77.89	70.4	26.344	0		0	
"2015-01-12	07:00:00"	19.63	38.6	9.83	29.03	10.61	35.38	11.24	23.07	35.13	35.2	-0.079	93.4	82.1	26.361	0		0	
"2015-01-12	08:00:00"	19.82	42.31	9.59	30.22	10.64	38.46	11.67	21.28	34.49	34.6	-0.107	96.6	86	26.379	0.28148		0	
"2015-01-12	09:00:00"	17.49	45.81	11.21	27.24	9.88	41.17	14.18	18.3	34.9	34.97	-0.064	90	80.3	26.404	20.189		0	
"2015-01-12	10:00:00"	15.45	48.45	12.81	24.26	9.17	45.26	16.22	18.89	34.69	34.87	-0.184	86.2	76.64	26.453	49.64		0	
"2015-01-12	11:00:00"	15.57	42.53	11.27	24.26	8.56	38.6	13.55	17.7	33.54	33.82	-0.281	86.9	76.85	26.492	75.893		0	
"2015-01-12	12:00:00"	15.09	40.34	11.73	22.47	8.47	36.89	13.66	15.91	32.26	32.64	-0.377	89.5	78.66	26.5	88.823		0	
"2015-01-12	13:00:00"	12.75	49.55	12.51	20.68	7.529	46.13	15.49	16.51	31.32	31.78	-0.456	92.5	80.8	26.488	73.808		0	
"2015-01-12	14:00:00"	12.16	42.79	11.05	19.49	6.753	39.38	13.32	15.31	30.77	31.13	-0.363	94.5	82.7	26.468	65.941		0	
"2015-01-12	15:00:00"	12.35	40.75	10.97	18.3	6.928	37.35	12.77	14.72	30.74	31.06	-0.317	93.3	82.3	26.454	72.112		0	
"2015-01-12	16:00:00"	12.02	40.19	11.03	18.3	6.613	36.66	12.8	12.93	30.02	30.31	-0.292	93.1	81.9	26.448	41.158		0	
"2015-01-12	17:00:00"	11.99	40.23	11.83	17.7	6.87	36.63	13.6	13.52	29.8	30.14	-0.343	90.2	79.27	26.455	29.95		0	
"2015-01-12	18:00:00"	10.41	47	9.51	15.91	5.902	42.88	13.1	12.33	29.66	29.96	-0.295	89.7	78.8	26.465	8.9844		0	
"2015-01-12	19:00:00"	9.4	53.74	11.41	14.72	5.711	49.32	15.84	9.95	29.4	29.61	-0.212	88.8	78.04	26.48	0.21434		0	
"2015-01-12	20:00:00"	7.553	55.28	11.64	11.74	4.71	52.03	16.22	8.75	29.01	29.2	-0.188	91.9	80.6	26.489	0		0	
"2015-01-12	21:00:00"	8	56.77	11.66	12.33	5.088	53.71	16.23	9.95	29.27	29.38	-0.112	89.3	78.86	26.495	0		0	
"2015-01-12	22:00:00"	6.949	56.11	14.86	11.14	4.409	53.88	19.44	8.16	29.12	29.25	-0.134	90	79.12	26.509	0		0	
"2015-01-12	23:00:00"	8.07	64.02	10.6	12.93	5.324	62.08	16.81	9.95	28.86	29.01	-0.149	94.6	82.7	26.507	0		0	
"2015-01-13	00:00:00"	7.647	54.48	11.64	13.52	4.734	50.7	16.09	9.35	29.19	29.27	-0.084	95.8	84.5	26.5	0		0	
"2015-01-13	01:00:00"	7.945	81.7	15.59	12.33	5.464	81.4	20.59	9.95	28.77	28.89	-0.123	96.2	85	26.501	0		0	
"2015-01-13	02:00:00"	8.58	74.28	16.68	13.52	5.798	71.3	21.39	10.54	28.47	28.61	-0.137	96.8	85.4	26.485	0		0	
"2015-01-13	03:00:00"	9.74	72.69	12.33	14.12	6.433	70.24	18.59	11.74	27.83	27.98	-0.151	96.4	85.4	26.485	0		0	
"2015-01-13	04:00:00"	8.92	76.67	9.63	13.52	5.919	73.73	17.05	10.54	27.51	27.67	-0.153	96.3	85	26.474	0		0	
"2015-01-13	05:00:00"	9.01	85.4	10.3	14.12	6.064	83.8	17.78	10.54	27.05	27.23	-0.181	96.6	85.1	26.46	0		0	
"2015-01-13	06:00:00"	7.42	89.7	10.69	11.14	5.259	89.4	17.13	8.75	26.48	26.66	-0.185	96.7	85.1	26.46	0		0	
"2015-01-13	07:00:00"	6.558	91.2	11.22	9.95	4.69	90.3	17.39	7.561	26.34	26.52	-0.181	96.2	84.9	26.467	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-13	08:00:00"	7.231	81.3	9.82	11.14	4.758	77.73	17.68	8.16	26.2	26.39	-0.195	96.2	84.7	26.454	0.34119		0	
"2015-01-13	09:00:00"	8.04	79.08	11.99	11.74	5.442	75.53	19.46	9.95	26.19	26.42	-0.231	96	84.6	26.455	13.555		0	
"2015-01-13	10:00:00"	9.59	85.9	9.46	14.12	6.6	83.4	16.95	11.14	26.13	26.53	-0.407	95.7	84.4	26.459	54.238		0	
"2015-01-13	11:00:00"	9.81	78.71	12	14.72	6.676	75.73	18.67	11.74	26.66	27.33	-0.674	93.5	82.4	26.471	131.1		0	
"2015-01-13	12:00:00"	7.577	106.1	15.43	12.93	5.639	106.1	21.8	9.35	27.44	28.03	-0.587	91.1	80.3	26.473	113.32		0	
"2015-01-13	13:00:00"	7.006	111	12.66	10.54	5.366	111.1	19.28	9.35	27.82	28.41	-0.586	90.2	79.43	26.442	123.83		0	
"2015-01-13	14:00:00"	7.571	113.1	12.96	11.14	5.657	112.9	19.31	9.95	28.37	29.16	-0.796	89.7	78.59	26.403	167.19		0	
"2015-01-13	15:00:00"	6.571	112.6	13.63	10.54	4.881	112.6	20.12	8.16	29.16	29.84	-0.686	89	77.71	26.382	110.17		0	
"2015-01-13	16:00:00"	5.569	108.8	15.1	9.35	4.287	107.5	20.9	8.16	29.83	30.42	-0.593	88.7	77.56	26.379	103.44		0	
"2015-01-13	17:00:00"	5.258	108	12.75	7.561	3.958	106.5	19.61	6.964	29.93	30.42	-0.494	89.9	78.69	26.375	51.031		0	
"2015-01-13	18:00:00"	5.482	106.5	13.73	7.561	3.999	107.7	18.81	6.964	29.77	30.13	-0.367	91.5	80.1	26.37	15.979		0	
"2015-01-13	19:00:00"	5.601	114.5	10.76	8.16	3.927	113.9	17.02	6.368	29.55	29.74	-0.195	94.1	82.5	26.371	0.3116		0	
"2015-01-13	20:00:00"	4.516	101.4	13.18	6.368	3.42	101	19.14	5.771	29.48	29.62	-0.14	95.6	84.1	26.374	0		0	
"2015-01-13	21:00:00"	5.709	128.4	10.25	9.95	3.737	130.8	16.37	6.964	29.51	29.64	-0.135	96.4	85.2	26.381	0		0	
"2015-01-13	22:00:00"	7.602	125.1	19.49	12.93	5.083	124.5	24.94	9.35	29.62	29.73	-0.102	96.5	85.8	26.385	0		0	
"2015-01-13	23:00:00"	4.781	124.3	11.31	7.561	3.254	125.6	18.3	5.175	29.68	29.78	-0.099	95.9	85.3	26.394	0		0	
"2015-01-14	00:00:00"	5.242	113.4	9.68	7.561	3.71	112.8	15.71	6.368	29.52	29.63	-0.11	96.8	85.7	26.398	0		0	
"2015-01-14	01:00:00"	3.757	102.8	16.82	6.368	2.856	99.9	21.57	4.578	29.51	29.65	-0.139	97.1	86.1	26.393	0		0	
"2015-01-14	02:00:00"	4.374	92	10.22	6.368	3.258	90.7	17.49	5.771	29.68	29.9	-0.215	97.1	86.3	26.392	0		0	
"2015-01-14	03:00:00"	4.79	91.6	8.6	6.964	3.517	90.2	15.9	5.771	29.52	29.71	-0.189	96.9	86.2	26.386	0		0	
"2015-01-14	04:00:00"	4.774	92.5	14.5	6.964	3.527	91.6	20.43	5.771	29.58	29.69	-0.117	96.8	86.1	26.381	0		0	
"2015-01-14	05:00:00"	5.776	74.94	9.06	8.16	3.797	71.89	15.74	6.368	29.71	29.84	-0.126	96	85.6	26.37	0		0	
"2015-01-14	06:00:00"	6.113	78.45	9.61	8.75	4.078	76.33	16.21	6.964	29.81	29.92	-0.111	96.2	85.4	26.371	0		0	
"2015-01-14	07:00:00"	5.984	69.06	10.58	8.75	4.047	66.64	16.69	6.368	29.74	29.87	-0.127	96	85.3	26.376	0		0	
"2015-01-14	08:00:00"	5.332	73.05	11.43	7.561	3.624	69.85	17.61	6.368	29.74	29.88	-0.143	96.8	85.7	26.383	0.03635		0	
"2015-01-14	09:00:00"	4.841	77.85	11.18	6.964	3.349	76.53	18.55	5.771	29.86	30.03	-0.174	96.2	85.8	26.397	10.834		0	
"2015-01-14	10:00:00"	3.843	80.6	14.11	5.771	2.794	78.48	21.63	4.578	30.81	31.05	-0.241	94.8	84.7	26.404	91.073		0	
"2015-01-14	11:00:00"	2.817	94	19.44	4.578	2.322	95.2	26.12	3.982	31.97	32.19	-0.226	91.7	81.9	26.422	125.04	0.03		
"2015-01-14	12:00:00"	2.812	53	34.22	5.771	2.18	47.34	40.86	4.578	32.8	33.57	-0.765	88.9	78.86	26.421	150.76		0	
"2015-01-14	13:00:00"	3.545	31.05	27.14	5.771	2.496	26.38	32.7	5.175	34.1	35.17	-1.073	85.8	75.99	26.391	195.63		0	
"2015-01-14	14:00:00"	3.793	37.68	24.27	6.368	2.57	31.45	28.12	5.771	35	35.8	-0.797	83.7	74.55	26.367	129.96		0	
"2015-01-14	15:00:00"	4.218	16.55	19.93	6.964	3.066	15.32	22.61	6.368	35.57	36.05	-0.484	82.8	74.17	26.349	111.82		0	
"2015-01-14	16:00:00"	4.795	14.21	23.51	8.16	3.578	12.03	25.75	6.964	36.34	36.82	-0.485	81	72.87	26.346	111.18		0	
"2015-01-14	17:00:00"	6.615	2.777	14.02	9.95	5.097	359.2	14.43	8.16	36.41	36.73	-0.312	81.7	73.6	26.351	59.417		0	
"2015-01-14	18:00:00"	5.854	350.7	18.97	9.35	4.529	348.6	20.71	8.16	36.56	36.74	-0.18	81.8	73.9	26.359	28.274		0	
"2015-01-14	19:00:00"	3.554	326.3	8.44	6.368	2.485	328.6	10.46	5.175	36.47	36.38	0.09	82.6	75.34	26.369	0.63583		0	
"2015-01-14	20:00:00"	2.685	302.6	20.51	4.578	1.535	287.4	37.19	3.386	36.4	36.09	0.306	84.4	77.4	26.381	0		0	
"2015-01-14	21:00:00"	2.446	272.6	19.69	3.982	1.245	253.7	31.23	2.193	36.35	35.74	0.613	84.5	78.84	26.387	0		0	
"2015-01-14	22:00:00"	1.976	257.5	37.25	3.982	1.134	250.6	63.23	2.193	36.07	35.39	0.677	86.1	80.5	26.388	0		0	
"2015-01-14	23:00:00"	4.049	232.1	8.36	6.368	2.55	231.3	12.01	4.578	35.76	35.35	0.411	88.8	81.2	26.397	0		0	
"2015-01-15	00:00:00"	4.782	275.7	18.23	7.561	3.407	275.9	22.92	5.771	35.77	35.57	0.207	90	81.5	26.407	0		0	
"2015-01-15	01:00:00"	5.066	303.3	7.739	7.561	3.749	306	8.43	5.771	35.81	35.68	0.128	89.7	81	26.397	0		0	
"2015-01-15	02:00:00"	5.753	314.3	8.66	8.16	4.218	315.8	9.59	6.964	35.86	35.72	0.145	88.7	80.1	26.39	0		0	
"2015-01-15	03:00:00"	5.534	302.8	8.93	8.16	4.268	304.4	9.8	6.964	35.84	35.72	0.125	88.8	79.98	26.396	0		0	
"2015-01-15	04:00:00"	4.596	297.7	10.28	7.561	3.331	299.3	14.16	5.771	35.71	35.57	0.136	89.7	80.7	26.398	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-15	05:00:00"	4.715	304.5	8.69	6.964	3.178	304.1	14.24	5.175	35.08	34.76	0.329	89.8	80.9	26.394	0	0		
"2015-01-15	06:00:00"	3.745	306.5	9.64	5.175	1.815	295.4	27.36	3.386	32.72	31.32	1.402	93.1	83.5	26.382	0	0		
"2015-01-15	07:00:00"	5.852	323.2	4.757	7.561	3.41	323.7	8.15	5.175	31.63	30.19	1.444	94.7	85.3	26.382	0	0		
"2015-01-15	08:00:00"	5.703	322	7.137	8.16	3.255	317.1	19.24	5.771	30.39	29.21	1.176	94.7	85	26.407	1.2646	0		
"2015-01-15	09:00:00"	5.782	314.4	10.24	8.16	4.112	310.8	10.3	7.561	31.47	31.11	0.356	88.6	81	26.421	92.552	0		
"2015-01-15	10:00:00"	6.949	304.4	9.67	9.35	5.912	306.9	11.62	8.75	35.57	35.8	-0.228	82.8	74.97	26.453	265.59	0		
"2015-01-15	11:00:00"	9.02	297.4	11.99	14.12	7.559	298.1	15.92	12.33	41.1	41.56	-0.462	71.4	65.42	26.514	425.87	0		
"2015-01-15	12:00:00"	8.8	310.8	16.29	14.72	7.427	311.8	18.89	12.93	45.16	45.56	-0.405	63.94	59.41	26.549	543.67	0		
"2015-01-15	13:00:00"	6.287	312	29.02	11.74	5.288	311.4	33.74	11.14	49.91	50.47	-0.563	53.37	50.88	26.549	609.41	0		
"2015-01-15	14:00:00"	7.099	311.1	30.16	13.52	5.812	312.6	32.78	12.33	52.42	53.02	-0.593	47.77	46.11	26.541	613.37	0		
"2015-01-15	15:00:00"	7.666	317.2	25.92	13.52	6.367	317.9	27.76	12.93	54.4	55.04	-0.639	43.39	42.27	26.537	555.75	0		
"2015-01-15	16:00:00"	7.718	332	25.31	14.12	6.35	331.2	25.24	12.93	55.66	56.14	-0.489	39.18	38.63	26.543	442.08	0		
"2015-01-15	17:00:00"	7.242	339.8	22.55	12.33	5.842	339.6	24.78	11.14	56.35	56.94	-0.596	36.59	36.1	26.547	282.45	0		
"2015-01-15	18:00:00"	6.409	343.1	15.17	10.54	4.729	343	16.08	8.75	55.4	55.57	-0.169	36.75	36.86	26.541	99.702	0		
"2015-01-15	19:00:00"	5.109	358.7	16.98	6.368	2.956	6.5	14.08	4.578	51.52	48.53	2.992	40.62	44.39	26.526	1.7937	0		
"2015-01-15	20:00:00"	6.14	7.355	10.94	8.16	3.693	12	7.925	5.771	48.62	45.47	3.145	43.14	46.65	26.51	0	0		
"2015-01-15	21:00:00"	6.981	5.482	10.95	8.75	4.137	12.81	7.909	6.368	47.63	44.09	3.54	42.79	46.76	26.504	0	0		
"2015-01-15	22:00:00"	7.4	7.836	6.899	9.95	4.762	10.62	9	7.561	45.8	43.01	2.797	44.31	46.57	26.5	0	0		
"2015-01-15	23:00:00"	7.937	12.05	7.086	10.54	4.693	12.45	11.17	7.561	43.38	40.93	2.453	45.94	47.56	26.497	0	0		
"2015-01-16	00:00:00"	4.922	351.5	47.36	9.95	3.063	307.1	82.6	7.561	40.33	37.15	3.171	49.5	51.77	26.489	0	0		
"2015-01-16	01:00:00"	3.965	315.3	42.8	8.75	2.675	286.4	46.59	6.368	36.39	32.19	4.205	58.86	62.21	26.459	0	0		
"2015-01-16	02:00:00"	5.867	328.7	9.32	9.95	4.118	322.6	16.42	7.561	34.21	32.71	1.506	66.04	62.43	26.435	0	0		
"2015-01-16	03:00:00"	6.557	330.2	6.97	9.35	4.076	326.1	11.51	6.964	32.78	31.44	1.341	70.04	65.17	26.424	0	0		
"2015-01-16	04:00:00"	5.83	344.3	11.8	8.75	3.638	351.3	19.32	6.964	34.78	33.31	1.472	64.34	60.69	26.417	0	0		
"2015-01-16	05:00:00"	2.57	303.1	44.17	5.771	1.694	219.1	65.12	3.386	34.22	31.04	3.187	62.7	62.55	26.411	0	0		
"2015-01-16	06:00:00"	3.003	310.9	30.63	5.771	1.466	190.4	82.2	2.789	32.27	27.5	4.775	67.14	68.19	26.389	0	0		
"2015-01-16	07:00:00"	3.434	318.8	14.04	6.368	1.267	158.6	74.71	2.193	32.09	26.91	5.176	67.77	70.33	26.378	0	0		
"2015-01-16	08:00:00"	3.563	334.2	19.33	5.771	1.559	269.5	89.9	3.386	32.84	26.92	5.925	66.38	71.23	26.378	1.2998	0		
"2015-01-16	09:00:00"	2.469	303	10.32	3.982	1.466	148.5	49.43	2.789	36.05	31.26	4.794	59.39	69.08	26.384	97.358	0		
"2015-01-16	10:00:00"	3.529	272.6	12.56	5.771	2.755	260.8	19.15	4.578	42.17	42.55	-0.375	54.24	51.52	26.424	229.1	0		
"2015-01-16	11:00:00"	5.438	246	23.02	11.14	4.323	246.1	25.03	11.14	47.43	47.79	-0.357	44.58	42.46	26.469	427.92	0		
"2015-01-16	12:00:00"	9.39	222.8	12.87	18.89	7.152	224.2	14.69	14.12	52.47	53	-0.535	36.41	35.2	26.496	532.08	0		
"2015-01-16	13:00:00"	13.37	219.3	12.68	19.49	9.88	220.7	14.48	16.51	55.24	56.07	-0.823	31.1	29.52	26.483	555.15	0		
"2015-01-16	14:00:00"	14.4	220.5	11.83	20.68	10.68	222.1	13.47	17.1	56.85	57.83	-0.987	28.75	26.89	26.452	614.31	0		
"2015-01-16	15:00:00"	14.92	217	12.23	22.47	10.84	219.1	13.93	18.89	58.16	59.22	-1.061	26.21	24.1	26.425	576.25	0		
"2015-01-16	16:00:00"	14.68	215	11.01	23.07	10.46	216.7	13.29	18.3	59.29	60.21	-0.916	21.95	19.64	26.408	453.24	0		
"2015-01-16	17:00:00"	14.52	213.9	10.21	22.47	10.13	216	13.44	18.3	59.22	59.77	-0.553	24.03	21.91	26.39	281.47	0		
"2015-01-16	18:00:00"	11.02	210.9	7.891	17.7	7.063	212.4	11.32	13.52	57.18	56.87	0.301	29	27.88	26.367	90.339	0		
"2015-01-16	19:00:00"	8.26	206.3	7.052	10.54	3.77	205.3	11.98	5.771	51.72	48.23	3.487	33.95	36.49	26.33	1.176	0		
"2015-01-16	20:00:00"	7.128	208.4	6.531	11.74	2.848	221.3	20.25	6.368	47.2	43.53	3.67	40.68	43.05	26.295	0	0		
"2015-01-16	21:00:00"	5.812	227	6.806	8.16	2.314	251.5	15.12	3.386	44.52	40.08	4.437	45.52	48.23	26.274	0	0		
"2015-01-16	22:00:00"	6.783	228.1	12.08	9.95	2.625	241.8	30.21	4.578	42.6	37.54	5.061	47.28	51.57	26.252	0	0		
"2015-01-16	23:00:00"	5.961	240.3	5.211	7.561	2.204	254.1	15.93	3.386	38.66	34.8	3.852	54.5	55.43	26.235	0	0		
"2015-01-17	00:00:00"	6.585	239.5	15.16	9.35	2.879	257.9	37.86	4.578	36.81	32.74	4.063	60.16	60.99	26.22	0	0		
"2015-01-17	01:00:00"	5.244	272.7	12.04	7.561	2.896	294.8	13.5	5.175	35.55	31.78	3.769	64.26	64.39	26.209	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-17	02:00:00"	5.477	243	15.94	9.35	1.878	260	76.69	4.578	36.59	29.55	7.042	59.89	67.2	26.187	0	0		
"2015-01-17	03:00:00"	6.332	286.8	15.47	12.33	2.692	287	53.36	8.75	38.08	32	6.081	55.81	62.01	26.166	0	0		
"2015-01-17	04:00:00"	9.22	301.4	5.675	12.93	5.33	299.7	10.78	8.16	38.64	35.97	2.673	55.18	55.8	26.18	0	0		
"2015-01-17	05:00:00"	9.58	302.3	6.755	12.33	6.113	301	9.43	8.75	37.54	35.45	2.095	57.13	55.87	26.178	0	0		
"2015-01-17	06:00:00"	7.452	293.6	9.07	10.54	3.701	282.9	19.8	6.368	36.72	33.5	3.222	57.79	57.88	26.163	0	0		
"2015-01-17	07:00:00"	8.09	293.4	7.166	11.74	4.056	292.5	16.53	7.561	38.56	33.82	4.744	52.88	56.4	26.146	0	0		
"2015-01-17	08:00:00"	7.645	291.7	8.62	10.54	4.073	284.5	19.05	6.368	37.86	34.68	3.181	54.3	54.85	26.172	0.78815	0		
"2015-01-17	09:00:00"	8.34	271.9	15.57	12.93	5.272	265.7	16.59	11.14	40.85	38.83	2.022	47.96	48.73	26.199	91.257	0		
"2015-01-17	10:00:00"	10.49	282.6	16.81	20.09	8.27	282.6	20	16.51	50.31	50.2	0.105	33.3	32.72	26.265	279.56	0		
"2015-01-17	11:00:00"	16.9	320.7	19.93	37.98	13.63	321.2	18.54	35.59	58.61	58.55	0.068	22.44	21.05	26.357	431.09	0		
"2015-01-17	12:00:00"	22.62	11	19.78	36.78	15.73	9.32	21.58	30.82	60.7	61	-0.299	22.23	20.48	26.438	542.83	0		
"2015-01-17	13:00:00"	19.44	36.94	13.21	30.82	11.55	33.56	14.53	25.45	60.43	61.04	-0.604	23.19	21.26	26.453	610.14	0		
"2015-01-17	14:00:00"	17.66	40.91	13.42	27.24	10.45	37.16	15.47	21.87	60.75	61.56	-0.81	23.32	21.25	26.45	612.54	0		
"2015-01-17	15:00:00"	17.31	42.59	12.29	29.63	10.08	38.86	14.6	23.07	62.11	62.98	-0.868	22.77	20.75	26.465	546.34	0		
"2015-01-17	16:00:00"	14.64	44.67	15.24	24.86	9.01	41.11	17.9	19.49	62.91	63.66	-0.751	21.43	19.45	26.48	435.52	0		
"2015-01-17	17:00:00"	14.3	51.67	13.7	23.07	8.53	48.06	17.28	18.3	63.38	63.92	-0.537	18.98	16.96	26.495	266.29	0		
"2015-01-17	18:00:00"	10.94	52.67	12.99	20.09	6.474	50.15	16.64	15.91	61.53	61.39	0.137	20.63	18.96	26.51	90.891	0		
"2015-01-17	19:00:00"	7.019	66.73	4.793	9.95	3.9	64.83	11.52	8.16	55.09	52.48	2.618	26.73	27.45	26.507	1.4235	0		
"2015-01-17	20:00:00"	6.798	65.64	5.627	8.75	3.414	61.6	11.17	5.771	51.84	47.53	4.318	30.1	33.64	26.497	0	0		
"2015-01-17	21:00:00"	7.042	59.27	4.253	9.35	3.095	54.54	8.93	4.578	50.07	44.5	5.564	32.76	38.44	26.501	0	0		
"2015-01-17	22:00:00"	6.562	54.63	8.04	9.35	2.93	52.61	12.37	4.578	48.48	43.31	5.169	34.58	39.95	26.503	0	0		
"2015-01-17	23:00:00"	6.344	52.86	10.23	9.35	2.836	55.35	19.23	5.175	46.29	41.87	4.422	37.15	41.26	26.511	0	0		
"2015-01-18	00:00:00"	2.884	79.58	92.1	7.561	2.115	127.4	102.6	4.578	39.83	33.56	6.27	48.32	55.17	26.506	0	0		
"2015-01-18	01:00:00"	2.656	299.3	23.06	5.175	1.57	349.5	68.86	3.386	39.28	32.09	7.184	48.57	57.71	26.483	0	0		
"2015-01-18	02:00:00"	1.679	280.8	43.25	4.578	1.508	38.58	50.92	2.789	41.46	31.38	10.08	43.29	60.31	26.473	0	0		
"2015-01-18	03:00:00"	1.728	183.8	59.07	3.386	1.465	15.31	60.13	3.982	40.32	31.79	8.53	44.8	58.86	26.453	0	0		
"2015-01-18	04:00:00"	3.698	278.6	18.71	5.771	1.231	319.4	33.92	2.789	39.67	31.06	8.62	46.41	59.06	26.437	0	0		
"2015-01-18	05:00:00"	4.992	296.1	7.041	6.964	1.512	294	58.95	3.386	39.59	31.42	8.17	47.22	57.03	26.435	0	0		
"2015-01-18	06:00:00"	5.128	289.3	19.17	9.35	2.345	299.2	74.22	4.578	37.76	31.23	6.535	50.93	57.96	26.442	0	0		
"2015-01-18	07:00:00"	5.066	287.5	20.44	8.16	2.811	323.3	57.25	5.175	36.94	31.19	5.75	52.5	58.3	26.432	0	0		
"2015-01-18	08:00:00"	5.819	299.3	6.255	7.561	2.507	286.1	15.48	4.578	37.47	31.94	5.536	53.29	57.61	26.442	1.4368	0		
"2015-01-18	09:00:00"	3.394	279.3	15.62	5.175	1.153	282.2	66.77	3.386	39.42	36.2	3.221	51.11	54.54	26.439	89.805	0		
"2015-01-18	10:00:00"	5.096	242.4	18.93	10.54	3.959	239.6	19.78	7.561	45.73	46.03	-0.304	46.48	44.09	26.472	275.28	0		
"2015-01-18	11:00:00"	11.28	215.7	9.82	20.09	8.07	217.4	12.74	15.91	53.46	54.11	-0.655	34.86	33.27	26.522	442.51	0		
"2015-01-18	12:00:00"	15.26	209.3	9.04	21.28	10.71	211.9	12.8	17.1	58.01	59	-0.992	28.14	26.01	26.543	523.86	0		
"2015-01-18	13:00:00"	13.95	219.1	12.52	21.87	10.38	220.3	14.23	17.7	61.55	62.26	-0.715	23.34	21.5	26.521	554.75	0		
"2015-01-18	14:00:00"	13.06	216.1	13.03	19.49	9.64	218.3	14.87	16.51	64.69	65.66	-0.974	18.9	16.81	26.493	638.93	0		
"2015-01-18	15:00:00"	13.97	220.2	12.74	21.87	10.35	221.1	14.26	18.89	66.56	67.43	-0.871	17.04	14.96	26.474	572.52	0		
"2015-01-18	16:00:00"	14.19	218.7	12.86	20.68	10.38	220.4	14.66	18.3	67.29	68.01	-0.723	17.99	16.07	26.449	457.16	0		
"2015-01-18	17:00:00"	13.49	231.1	12.96	20.09	10.35	231	14.25	17.7	67.65	67.87	-0.221	19.24	17.85	26.439	311.31	0		
"2015-01-18	18:00:00"	9.86	230.9	11.02	17.1	6.985	231.1	12.14	13.52	66.38	66.06	0.317	20.88	19.96	26.42	113.87	0		
"2015-01-18	19:00:00"	6.61	201.7	22.67	10.54	2.613	183.7	33.48	4.578	60.19	55.62	4.567	27.03	29.46	26.386	2.9208	0		
"2015-01-18	20:00:00"	6.958	195.3	9.75	11.74	2.751	205.2	32.72	6.964	54.19	50.32	3.872	34.58	37.39	26.343	0	0		
"2015-01-18	21:00:00"	5.44	197	17.86	8.16	2.079	207.7	35.36	3.982	50.01	46.21	3.805	39.94	42.55	26.321	0	0		
"2015-01-18	22:00:00"	4.607	233.8	33.43	6.964	2.114	257.3	60.38	3.386	47.13	43.25	3.872	45.17	47.47	26.303	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-18	23:00:00"	3.714	281.3	21.13	5.175	2.017	301.9	44.15	3.982	46.01	42.23	3.782	46.35	48.95	26.289	0	0		
"2015-01-19	00:00:00"	3.234	200.3	53.04	6.368	2.016	83.2	64.08	4.578	46.11	39.62	6.487	45.26	53.99	26.282	0	0		
"2015-01-19	01:00:00"	4.084	327.5	44.39	8.16	2.156	351.5	57.23	3.982	46.03	40.82	5.213	46.17	52.11	26.267	0	0		
"2015-01-19	02:00:00"	9.69	297.9	16.41	19.49	6.461	287	29.11	15.31	44.72	42.53	2.192	50.32	50.31	26.249	0	0		
"2015-01-19	03:00:00"	9.42	313.7	5.953	12.33	5.982	314.3	7.067	9.35	45.51	44.03	1.489	48.15	47.01	26.266	0	0		
"2015-01-19	04:00:00"	9.56	309.9	7.298	14.12	6.347	310.3	8.51	10.54	43.24	41.91	1.323	53.01	50.73	26.26	0	0		
"2015-01-19	05:00:00"	10.23	307.3	7.862	15.31	7.17	307.9	7.947	12.33	42.66	41.52	1.14	53.76	50.98	26.249	0	0		
"2015-01-19	06:00:00"	10.96	318.5	8.02	16.51	7.823	319.5	8.81	12.33	44.47	43.21	1.256	50.3	48.3	26.243	0	0		
"2015-01-19	07:00:00"	10.38	316.7	6.793	15.91	7.146	316	7.71	12.33	44.39	43.09	1.306	50.86	48.94	26.255	0	0		
"2015-01-19	08:00:00"	12.65	323.1	6.635	17.7	9.34	323.4	8.29	13.52	44.49	43.41	1.08	50.3	48.1	26.27	1.3517		0	
"2015-01-19	09:00:00"	12.35	324.8	5.398	16.51	9.17	323.9	6.958	14.72	45.9	44.92	0.982	46.95	45.28	26.285	59.848		0	
"2015-01-19	10:00:00"	12.79	318.2	6.962	18.89	10.13	318.4	8.4	17.1	49.53	49.41	0.118	41.49	39.8	26.312	247.29		0	
"2015-01-19	11:00:00"	10.98	329.7	9.83	15.31	9.2	330.3	11.33	13.52	58.4	58.58	-0.175	30.2	29.2	26.353	406.91		0	
"2015-01-19	12:00:00"	10.94	332.2	15.02	15.31	9.01	331.6	15.73	15.31	64.44	64.83	-0.393	22.58	21.49	26.389	561.09		0	
"2015-01-19	13:00:00"	8.85	325.6	17.39	14.12	7.356	325.6	18.54	12.33	67.83	68.17	-0.336	19.16	18.11	26.382	626.41		0	
"2015-01-19	14:00:00"	8.36	311.7	17.11	14.12	6.994	314.2	21.79	11.74	70.62	70.89	-0.269	17.25	16.39	26.362	631.97		0	
"2015-01-19	15:00:00"	9.22	319.7	16.85	14.72	7.761	319.3	18.39	14.12	72.18	72.62	-0.44	15.82	14.82	26.349	574.78		0	
"2015-01-19	16:00:00"	9.44	310.9	19.5	15.91	7.819	311.6	21.66	14.12	72.87	73.24	-0.373	14.48	13.34	26.336	461.57		0	
"2015-01-19	17:00:00"	10.65	312.3	16.28	17.7	8.69	313.8	16.77	14.12	72.87	73.12	-0.252	13.94	12.73	26.327	299.99		0	
"2015-01-19	18:00:00"	6.395	336.4	12.59	11.74	4.733	339.4	18.18	9.95	71.31	71.15	0.155	16.74	16.22	26.321	113.54		0	
"2015-01-19	19:00:00"	4.198	115.8	33.05	5.771	2.624	97.8	22.82	3.982	65.78	60.21	5.57	21.17	25.78	26.297	3.1841		0	
"2015-01-19	20:00:00"	3.779	108.9	29.21	5.771	2.693	64.67	55.36	3.982	61.12	55.48	5.634	25.02	30.52	26.263	0	0		
"2015-01-19	21:00:00"	3.397	286.9	23.35	5.175	1.913	338.3	39.29	3.982	55.05	48.41	6.642	32.35	39.62	26.239	0	0		
"2015-01-19	22:00:00"	3.432	304.5	8.73	5.175	1.632	65.21	37.63	3.386	56.74	47.67	9.07	30.39	42.22	26.214	0	0		
"2015-01-19	23:00:00"	2.792	299.8	43.27	5.771	1.69	33.12	77.6	3.386	53.47	46.75	6.717	34.77	43.26	26.206	0	0		
"2015-01-20	00:00:00"	2.219	339.4	38.45	3.386	1.974	78.92	42.04	3.386	50.98	44.18	6.802	38.35	49.07	26.189	0	0		
"2015-01-20	01:00:00"	2.449	287.1	32.86	4.578	1.543	92.4	63.9	3.982	49.64	41.9	7.744	41.15	53.23	26.167	0	0		
"2015-01-20	02:00:00"	4.997	319.8	12.14	8.16	1.387	11.43	70.06	2.789	50.54	42.96	7.579	39.46	49.81	26.155	0	0		
"2015-01-20	03:00:00"	3.237	321.8	12.24	5.771	1.217	68.99	86.3	2.789	50.04	43.66	6.382	39.83	48.52	26.151	0	0		
"2015-01-20	04:00:00"	4.139	313	13.39	6.964	1.511	55.17	83.1	3.386	49.77	42.6	7.169	40.27	49.89	26.143	0	0		
"2015-01-20	05:00:00"	4.683	305.7	12.43	6.964	1.731	292.3	48.9	3.386	47.05	40.72	6.328	45.16	51.98	26.134	0	0		
"2015-01-20	06:00:00"	9.24	317.3	6.86	15.31	5.795	321.1	13.46	11.14	48.08	44.37	3.71	43.35	46.99	26.136	0	0		
"2015-01-20	07:00:00"	8.92	327.6	11.61	12.33	5.909	328.2	12.21	9.95	46.42	44.56	1.854	47.18	46.71	26.167	0	0		
"2015-01-20	08:00:00"	10.01	335.9	7.868	14.72	7.051	334.3	10.08	10.54	47.14	45.5	1.632	47.46	46.58	26.189	1.4807		0	
"2015-01-20	09:00:00"	8.18	323.4	8.27	11.14	5.848	325.5	9.58	9.35	49.32	48.2	1.124	43.13	42.8	26.213	90.285		0	
"2015-01-20	10:00:00"	7.689	318.5	20.87	17.7	6.35	318.3	19.99	14.72	52.03	52.15	-0.121	40.73	39.25	26.254	273.27		0	
"2015-01-20	11:00:00"	13.59	2.825	14.22	20.09	10.08	0.746	15.67	15.91	56.06	56.74	-0.677	37.65	36.32	26.31	438.73		0	
"2015-01-20	12:00:00"	15.69	356.5	13.81	22.47	11.84	355.3	16.76	18.89	59.32	60.2	-0.885	34.89	33.53	26.335	560.45		0	
"2015-01-20	13:00:00"	15.57	344.8	14.09	26.65	12.45	343.8	16.49	20.09	62	62.92	-0.916	31.13	29.81	26.338	626.3		0	
"2015-01-20	14:00:00"	13.27	358.1	18.11	24.86	10.34	356.9	20.91	20.09	64.56	65.48	-0.918	27.34	26.14	26.326	629.53		0	
"2015-01-20	15:00:00"	12.38	12.05	14.63	20.09	9.1	10.67	17.38	17.1	65.43	66.34	-0.914	26.41	25.17	26.322	570.14		0	
"2015-01-20	16:00:00"	12.05	29.28	12.55	18.89	7.513	27.74	13.96	15.91	64.86	65.61	-0.749	27.64	26.35	26.321	458.01		0	
"2015-01-20	17:00:00"	11.98	35.27	13.98	20.68	7.247	32.64	15.9	15.31	64.31	64.96	-0.651	27.91	26.66	26.325	298.77		0	
"2015-01-20	18:00:00"	11.06	47.84	10.98	18.89	6.333	44.72	14.67	12.33	61.73	61.92	-0.19	30.88	29.78	26.329	105.27		0	
"2015-01-20	19:00:00"	9.69	54.51	8.6	15.31	5.777	52.78	13.29	10.54	55.86	55.06	0.792	37.45	36.7	26.318	4.9507		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-20	20:00:00"	12.36	61.93	7.887	20.68	7.919	61.34	13.91	15.31	51.05	50.2	0.852	45.05	43.09	26.301	0	0		
"2015-01-20	21:00:00"	13.57	61.71	8.08	19.49	8.81	60.3	13.18	15.31	49.29	48.62	0.671	48.85	46.06	26.299	0	0		
"2015-01-20	22:00:00"	14.26	63.92	7.843	20.68	9.28	62.39	13.89	15.91	46.55	45.9	0.645	54.45	50.69	26.294	0	0		
"2015-01-20	23:00:00"	14.77	70.35	7.598	20.68	9.52	67.06	14.78	15.91	44.25	43.68	0.573	58.73	54.17	26.301	0	0		
"2015-01-21	00:00:00"	13.58	72.18	7.385	18.3	8.5	68.17	14.95	14.12	41.8	41.18	0.622	63.55	58.31	26.306	0	0		
"2015-01-21	01:00:00"	13.47	70.82	7.103	18.3	8.45	67.85	14.63	13.52	39.34	38.78	0.562	68.16	62.05	26.296	0	0		
"2015-01-21	02:00:00"	14.54	74.62	7.896	20.68	9.06	71.36	15.78	14.72	38.03	37.53	0.5	70.42	63.84	26.28	0	0		
"2015-01-21	03:00:00"	12.22	74.58	8.24	19.49	7.477	70.34	16.01	13.52	37.02	36.47	0.546	74.68	67.44	26.278	0	0		
"2015-01-21	04:00:00"	10.28	63.15	10.17	14.72	6.704	61.01	14.8	12.33	35.91	35.44	0.472	78.64	70.69	26.285	0	0		
"2015-01-21	05:00:00"	9.3	47.51	9.7	14.12	5.072	43.66	13.38	9.35	34.52	34.11	0.411	81.2	72.69	26.283	0	0		
"2015-01-21	06:00:00"	10.85	54.19	8.84	17.1	6.754	52.9	13.38	14.72	34.29	33.83	0.459	83.6	74.89	26.266	0	0		
"2015-01-21	07:00:00"	13.28	46.49	9.1	19.49	7.192	42.91	12.66	13.52	33.9	33.62	0.283	84.9	75.85	26.26	0	0		
"2015-01-21	08:00:00"	13.91	51.79	9.85	20.09	8.26	48.52	14.31	15.91	34.34	34.17	0.17	85.8	76.46	26.272	1.7499	0		
"2015-01-21	09:00:00"	15.87	65.12	10.01	24.26	10.41	63.5	15.71	20.09	35.53	35.58	-0.049	85.2	75.96	26.28	70.327	0		
"2015-01-21	10:00:00"	19.25	73.93	10.3	27.84	12.46	70.33	17.36	20.68	38.97	39.57	-0.596	79.24	70.4	26.292	190.51	0		
"2015-01-21	11:00:00"	19.36	81.3	8.7	28.43	12.35	79.82	16.51	20.09	41.16	41.86	-0.706	71.77	63.96	26.31	207.03	0		
"2015-01-21	12:00:00"	17.53	85	9.66	26.65	11.58	83.6	16.81	20.09	42.55	43.38	-0.825	67.62	60.2	26.32	193.84	0		
"2015-01-21	13:00:00"	14.89	89.5	9.56	21.87	10.21	88.2	16.9	17.7	43.77	44.53	-0.764	66.39	59.31	26.297	188.74	0		
"2015-01-21	14:00:00"	13.78	84.3	11.3	21.28	9.29	82.1	18.35	15.91	44.51	45.09	-0.581	66.64	59.77	26.267	97.832	0		
"2015-01-21	15:00:00"	14.5	77.08	10.19	21.28	9.37	74.87	17.65	16.51	43.68	43.96	-0.277	69.97	62.98	26.228	49.196	0		
"2015-01-21	16:00:00"	12.02	80.9	10.59	18.89	7.856	78.64	17.81	14.72	43.55	43.8	-0.249	70.8	63.83	26.223	45.811	0		
"2015-01-21	17:00:00"	11.67	87.7	10.72	17.7	7.769	86.1	17.59	13.52	43.1	43.37	-0.265	72.1	64.79	26.221	44.653	0		
"2015-01-21	18:00:00"	9.76	86.2	13.09	17.1	6.469	84.5	19.47	12.33	40.41	40.69	-0.28	86.4	76.82	26.224	13.852	0		
"2015-01-21	19:00:00"	8.17	79.01	10.93	12.93	5.344	77.85	17.64	9.95	38.76	38.88	-0.126	95.1	84.9	26.229	0.0043	0		
"2015-01-21	20:00:00"	8.89	73.77	17.74	16.51	5.792	71.65	23.21	12.33	38.27	38.35	-0.083	96.6	87.1	26.232	0	0.01		
"2015-01-21	21:00:00"	4.592	33.22	27.16	9.95	2.876	30.59	28.6	6.368	38.42	38.46	-0.039	95.1	85.9	26.269	0	0.07		
"2015-01-21	22:00:00"	14.92	84.7	30.46	31.42	10.39	83.7	33.64	23.07	37.49	37.53	-0.042	96.3	86.8	26.223	0	0.06		
"2015-01-21	23:00:00"	13.2	55.06	13.36	22.47	8.29	51.74	16.92	17.1	37.51	37.44	0.062	94.2	85.2	26.244	0	0.01		
"2015-01-22	00:00:00"	14.05	49.43	10.75	22.47	8.24	45.93	14.56	15.31	37.45	37.43	0.028	93.8	84.5	26.26	0	0		
"2015-01-22	01:00:00"	15.97	50.12	10.14	26.05	9.22	46.38	13.93	19.49	37.01	37.05	-0.035	94.5	84.7	26.279	0	0		
"2015-01-22	02:00:00"	19.29	54.21	11.3	32.61	11.92	50.69	15.45	24.26	34.63	34.74	-0.113	95.9	85.7	26.273	0	0		
"2015-01-22	03:00:00"	19.44	55.18	9.97	31.42	12.1	52.36	14.69	23.07	33.55	33.65	-0.1	94.8	84.5	26.275	0	0		
"2015-01-22	04:00:00"	20.61	59.45	9.45	36.78	13.34	56.86	14.36	26.05	32.8	32.98	-0.182	96.4	85	26.288	0	0		
"2015-01-22	05:00:00"	19.25	58.57	9.48	30.82	12.78	55.96	14.6	24.86	32.26	32.36	-0.098	96.5	85.3	26.298	0	0		
"2015-01-22	06:00:00"	18.46	57.25	9.62	29.63	12.32	54.54	14.76	24.26	32.13	32.15	-0.023	95.7	85	26.308	0	0		
"2015-01-22	07:00:00"	14.99	51.24	9.95	27.24	8.93	47.28	14.38	20.68	31.8	31.85	-0.045	96.7	85.8	26.325	0	0		
"2015-01-22	08:00:00"	13.62	49.68	10.05	24.86	7.879	45.55	14.22	18.89	31.62	31.67	-0.044	97.4	86.9	26.347	0.33403	0		
"2015-01-22	09:00:00"	14.94	47.47	10.09	24.26	8.48	43.74	13.87	17.1	31.71	31.76	-0.048	96.9	87.1	26.36	21.352	0		
"2015-01-22	10:00:00"	15.2	45.76	9.86	22.47	8.38	41.27	12.6	16.51	31.69	31.83	-0.14	96.1	87	26.383	59.252	0		
"2015-01-22	11:00:00"	15.47	43.25	10.12	24.86	8.61	39.43	12.19	17.1	31.87	32.07	-0.201	94.5	86.6	26.397	95.437	0		
"2015-01-22	12:00:00"	14.56	38.3	10.21	25.45	8.19	34.98	11.72	18.89	31.88	32.09	-0.204	93	86.5	26.41	85.701	0		
"2015-01-22	13:00:00"	16.67	36.95	9.65	26.65	9.35	33.85	11.1	20.68	31.95	32.18	-0.227	92.9	86.3	26.4	141.59	0		
"2015-01-22	14:00:00"	17.53	38.5	9.36	26.05	9.54	35.51	11.03	20.09	32.08	32.3	-0.226	91.3	86.2	26.389	111.26	0.02		
"2015-01-22	15:00:00"	17.77	37.99	9.59	27.84	9.65	34.78	10.84	23.07	32.17	32.4	-0.236	90.3	85.1	26.377	92.743	0		
"2015-01-22	16:00:00"	17.65	34.54	9.59	26.05	9.76	32.03	10.82	21.87	31.92	32.13	-0.212	90.9	84	26.385	92.327	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-22	17:00:00"	16.12	32.04	9.77	26.65	9.2	30	10.68	23.66	31.61	31.79	-0.185	93.5	85.8	26.399	58.112		0	
"2015-01-22	18:00:00"	15.97	30.29	9.49	25.45	9.2	29.13	10.87	18.89	31.22	31.36	-0.133	94.3	86.1	26.415	23.265		0	
"2015-01-22	19:00:00"	14.84	27.16	9.15	25.45	9.15	25.83	10.94	20.09	31.03	31.15	-0.115	95.5	86.5	26.431	1.3867		0	
"2015-01-22	20:00:00"	14.15	24.73	9.19	23.07	9.29	23.32	11.58	20.09	31.01	31.12	-0.111	95.7	86.6	26.446		0	0	
"2015-01-22	21:00:00"	13.72	25.95	9.39	21.87	8.53	25.25	10.66	17.7	30.93	31.04	-0.11	94.3	86.3	26.449		0	0	
"2015-01-22	22:00:00"	12.85	23.54	9.82	21.28	8.73	21.58	11.52	17.1	30.58	30.64	-0.056	93	86.1	26.443		0	0	
"2015-01-22	23:00:00"	11.1	13.26	11.88	17.1	8.2	12.67	13.69	15.31	30.32	30.37	-0.056	91.7	85.8	26.448		0	0	
"2015-01-23	00:00:00"	10.68	14.62	10.33	17.1	7.854	15.4	12.02	13.52	29.76	29.84	-0.085	92.9	85.5	26.448		0	0	
"2015-01-23	01:00:00"	9.91	11.76	11.2	14.72	7.457	11.76	12.22	12.93	29.51	29.6	-0.094	92.9	85.5	26.439		0	0	
"2015-01-23	02:00:00"	8.9	355.8	16.77	12.93	6.545	354.4	14.11	11.14	29.09	29.19	-0.097	93.6	85.5	26.43		0	0	
"2015-01-23	03:00:00"	7.698	338.6	10.52	11.74	6.149	337.3	11.62	10.54	28.18	28.25	-0.074	93.1	84.8	26.429		0	0	
"2015-01-23	04:00:00"	8.57	330.4	6.053	12.93	6.675	330.1	7.731	9.95	26.6	26.43	0.169	92.3	83.6	26.415		0	0	
"2015-01-23	05:00:00"	7.178	328.4	8.64	9.95	5.039	327.2	10.29	7.561	24.8	24.43	0.371	92.2	82.9	26.39		0	0	
"2015-01-23	06:00:00"	7.8	319.3	4.636	9.95	3.604	322.5	14.43	6.964	23.23	22.88	0.35	91.2	81.7	26.374		0	0	
"2015-01-23	07:00:00"	5.354	308.8	18.62	7.561	1.743	289.6	49.37	3.386	22.66	21.16	1.501	91.2	81	26.366		0	0	
"2015-01-23	08:00:00"	3.459	298.3	14.57	5.175	1.567	288.6	29.68	3.982	22.13	20.52	1.61	93.8	82.2	26.366	1.4462		0	
"2015-01-23	09:00:00"	3.223	291.1	12.89	5.175	1.828	271.9	36.35	3.386	24.06	23.27	0.793	88.1	82	26.37	106.92		0	
"2015-01-23	10:00:00"	2.975	258.1	21.93	6.368	2.452	256.9	23.62	5.771	30.37	31.36	-0.992	77.03	76.66	26.394	300.09		0	
"2015-01-23	11:00:00"	5.491	241.1	17.4	10.54	4.36	241.3	19.74	9.35	32.03	32.83	-0.804	78.23	74.38	26.43	468.66		0	
"2015-01-23	12:00:00"	9.34	246.8	12.42	12.93	7.748	245.7	15.06	11.14	34.64	34.85	-0.211	72.93	69.04	26.44	594.73	0.01		
"2015-01-23	13:00:00"	10.14	238.7	12.1	15.91	8.24	237.4	13.75	13.52	36.87	37.01	-0.145	70.88	64.77	26.422	658.34	0.08		
"2015-01-23	14:00:00"	11.28	241.8	12.45	16.51	9.18	240.8	14.48	14.72	38.99	39.4	-0.408	69.88	64.18	26.397	659.65	0.01		
"2015-01-23	15:00:00"	11.81	262.2	14.73	18.89	9.62	260.9	17.83	15.31	41.75	42.53	-0.772	63.59	59.39	26.384	596.66		0	
"2015-01-23	16:00:00"	12.73	271	13.17	20.09	10.21	269.5	16.37	17.1	43.98	44.76	-0.773	55.13	52.58	26.382	479.72		0	
"2015-01-23	17:00:00"	13.65	281.6	10.39	20.68	10.69	280.7	14.52	19.49	45.01	45.58	-0.576	47.86	46.45	26.381	318.04		0	
"2015-01-23	18:00:00"	11.68	286.7	9.5	18.3	9.14	286.8	13.46	14.72	44.73	44.86	-0.132	44.94	43.86	26.382	130.18		0	
"2015-01-29	09:00:00"	19.38	46.22	9.03	26.05	10.5	39.28	10.9	14.72	48.2	48.21	-0.004	58.86	54.73	26.468	93.149		0	
"2015-01-29	10:00:00"	20.32	44.99	9.25	30.22	11.02	40.55	12.11	22.47	49.43	49.51	-0.076	56.61	52.83	26.51	172.51		0	
"2015-01-29	11:00:00"	20.12	47.56	10.46	32.61	11.28	43.32	14.31	23.07	52.03	52.43	-0.397	50.91	47.74	26.566	281.12		0	
"2015-01-29	12:00:00"	19.64	46.01	10.48	30.82	10.82	41.9	13.07	23.07	53.6	54.2	-0.603	49.14	46.07	26.593	390.91		0	
"2015-01-29	13:00:00"	19.62	46.83	11.32	30.82	11.01	42.66	14.33	26.05	54.84	55.49	-0.651	45.62	43.11	26.6	350.03		0	
"2015-01-29	14:00:00"	17.36	47.22	11.6	28.43	9.99	43.11	14.69	21.87	55.72	56.52	-0.803	42.23	40.16	26.6	373.98		0	
"2015-01-29	15:00:00"	15.93	47.31	15.3	26.05	9.74	43.97	18.06	20.68	56.75	57.71	-0.968	40.01	38.18	26.615	400.42		0	
"2015-01-29	16:00:00"	16.2	43.97	12.16	25.45	9.18	39.71	14.66	18.89	55.57	55.99	-0.414	39.34	37.83	26.609	191.08		0	
"2015-01-29	17:00:00"	17.87	51.43	10.43	27.84	10.59	47.63	14.86	22.47	55.46	55.78	-0.315	36.51	35.1	26.602	149.1		0	
"2015-01-29	18:00:00"	16.59	56.03	10.17	27.24	10.39	52.56	14.78	20.68	54.2	54.18	0.023	35.96	34.62	26.606	40.34		0	
"2015-01-29	19:00:00"	13.43	58.94	9.22	21.87	8.76	56.62	14.11	16.51	52.76	52.56	0.206	35.09	33.71	26.624	2.2043		0	
"2015-01-29	20:00:00"	13.21	64.41	8.62	18.89	8.7	61.56	14.76	15.91	51.36	51.14	0.223	36.55	35.11	26.633		0	0	
"2015-01-29	21:00:00"	14.35	66.13	7.903	21.28	9.61	63.38	14.35	16.51	49.76	49.53	0.228	38.42	37.03	26.637		0	0	
"2015-01-29	22:00:00"	9.67	66.27	9.29	17.1	6.398	64.38	14.89	12.93	47.72	47.34	0.381	48.21	46.59	26.648		0	0	
"2015-01-29	23:00:00"	9.17	74.05	9.86	15.31	5.722	72.55	16.21	11.74	45.13	44.65	0.481	61.54	59.23	26.637		0	0	
"2015-01-30	00:00:00"	8.89	65.35	8.24	12.93	5.658	63.87	14.44	9.95	43.23	42.71	0.521	69.62	66.68	26.623		0	0	
"2015-01-30	01:00:00"	8.75	64.24	7.737	14.12	5.509	62.86	13.82	10.54	42.14	41.58	0.559	74.25	70.97	26.603		0	0.02	
"2015-01-30	02:00:00"	12.19	74.44	9.45	17.7	7.672	71.4	16.35	13.52	41.38	40.96	0.426	72.35	68.67	26.578		0	0	
"2015-01-30	03:00:00"	10.3	78.27	10.29	15.31	6.669	75.7	17.03	11.14	40.61	40.32	0.292	75.05	70.03	26.573		0	0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-01-30	04:00:00"	6.513	74.9	16.63	11.14	4.116	73.23	20.37	9.35	40.13	39.94	0.189	76.31	70.47	26.56	0	0		
"2015-01-30	05:00:00"	6.742	54.39	13.43	11.74	4.194	52.15	17.6	9.35	40.49	40.31	0.179	72.67	67.42	26.55	0	0		
"2015-01-30	06:00:00"	9.38	63.45	9.25	15.31	6.179	60.96	14.52	11.74	40.15	39.94	0.212	69.7	64.87	26.538	0	0		
"2015-01-30	07:00:00"	11.02	67.16	8.18	18.3	7.365	64.96	14.63	13.52	39.68	39.47	0.209	67.03	62.43	26.531	0	0		
"2015-01-30	08:00:00"	11.36	72.32	8.13	15.91	7.367	69	15.46	12.93	38.9	38.71	0.181	68.28	63.34	26.537	0.26675	0		
"2015-01-30	09:00:00"	9.08	81.2	9.63	17.7	5.627	78.83	18.08	12.33	38.85	38.81	0.041	69.49	63.99	26.543	12.23	0		
"2015-01-30	10:00:00"	13.47	84.3	9.04	20.68	8.48	81.8	17.33	14.72	38.74	38.82	-0.08	68.37	62.74	26.535	41.905	0		
"2015-01-30	11:00:00"	13.59	88.1	9.95	21.28	8.97	86.3	17.85	15.31	39.09	39.47	-0.386	68.32	62.59	26.533	114.4	0		
"2015-01-30	12:00:00"	12.75	84.7	9.78	18.89	8.48	81.4	18.18	13.52	40.13	40.88	-0.75	68.54	62.68	26.517	226.98	0		
"2015-01-30	13:00:00"	10.52	92.9	12.83	16.51	7.448	92.1	19.43	12.33	41.97	42.9	-0.932	65.03	58.99	26.495	225.49	0		
"2015-01-30	14:00:00"	9.49	107.7	19.16	15.91	6.5	107.5	26.31	12.33	43.26	44.26	-1.001	63.03	56.95	26.47	212.97	0		
"2015-01-30	15:00:00"	7.763	122.1	16.15	13.52	5.34	122.7	22.08	11.14	43.41	44.06	-0.649	63.14	57.22	26.449	106.27	0		
"2015-01-30	16:00:00"	8.52	113.1	11.73	14.72	6.075	111	16.72	12.93	43.97	44.41	-0.432	62.59	57.09	26.419	95.461	0		
"2015-01-30	17:00:00"	9.32	110.2	11.04	13.52	6.446	111.1	16.79	11.74	43.73	43.98	-0.251	63.99	58.52	26.402	42.426	0		
"2015-01-30	18:00:00"	10.04	113.2	10.41	14.12	6.915	113.3	15.89	11.74	43.47	43.58	-0.114	65.6	59.95	26.386	21.518	0		
"2015-01-30	19:00:00"	10.14	110.5	9.78	15.91	7.036	110.7	15.3	11.74	43.14	43.1	0.038	67.02	61.41	26.37	1.0089	0		
"2015-01-30	20:00:00"	8.85	111.3	11.47	13.52	5.89	111.1	16.3	10.54	42.82	42.65	0.169	68.64	63.57	26.372	0	0		
"2015-01-30	21:00:00"	7.186	90.6	8.81	10.54	4.418	88.7	15.28	8.16	40.71	40.33	0.387	81.5	76.35	26.352	0	0.02		
"2015-01-30	22:00:00"	6.959	90.2	7.618	10.54	4.437	89.5	14.78	6.964	40.32	40.04	0.28	85.4	79.3	26.344	0	0		
"2015-01-30	23:00:00"	7.453	89.5	8.06	12.93	4.914	88.6	14.96	9.95	40.17	39.95	0.224	87.8	80.9	26.332	0	0.04		
"2015-01-31	00:00:00"	11.22	89.4	7.639	16.51	7.499	88.2	14.82	13.52	40.01	39.8	0.215	89.1	81.9	26.312	0	0.01		
"2015-01-31	01:00:00"	10.2	90.7	8.17	16.51	6.813	89.5	16.05	11.74	39.86	39.73	0.127	90.9	82.9	26.295	0	0.04		
"2015-01-31	02:00:00"	9	94	10.42	15.31	6.211	93.7	16.11	11.74	39.35	39.27	0.079	92.4	84	26.276	0	0.03		
"2015-01-31	03:00:00"	9.95	93.5	8.38	15.91	7.029	92.5	14.82	11.14	38.84	38.86	-0.015	95	85.6	26.243	0	0.05		
"2015-01-31	04:00:00"	10.46	100.8	10.5	16.51	7.453	101	16.21	13.52	38.47	38.51	-0.038	96.4	86.8	26.214	0	0.07		
"2015-01-31	05:00:00"	10.69	113.1	10.1	16.51	7.34	113.5	15.97	12.93	38.53	38.56	-0.029	97.1	87.4	26.194	0	0.09		
"2015-01-31	06:00:00"	11.07	114.5	8.93	18.89	7.554	114.1	14.46	13.52	39.1	39.14	-0.034	97.6	88	26.166	0	0.05		
"2015-01-31	07:00:00"	11.6	127.2	13.21	18.89	7.311	127.7	18.85	14.12	39.88	39.9	-0.024	97.8	88.3	26.156	0	0.03		
"2015-01-31	08:00:00"	8.73	136.3	10.11	14.12	5.482	137.7	16.38	10.54	40.92	40.91	0.017	97.5	88.5	26.162	0.18828	0		
"2015-01-31	09:00:00"	9.33	144.5	10.46	15.31	5.747	145.6	16.3	12.33	41.92	41.9	0.023	97.4	88.7	26.164	7.4612	0		
"2015-01-31	10:00:00"	10.31	150	9.92	15.91	6.253	152	16.33	11.74	42.52	42.59	-0.066	98.2	89	26.174	14.846	0		
"2015-01-31	11:00:00"	8.59	152.3	9.71	14.72	5.384	154.3	15.99	10.54	42.94	43.15	-0.208	99.1	89.5	26.177	43.884	0.01		
"2015-01-31	12:00:00"	8.15	163	9.89	12.93	5.171	165	16.47	9.35	43.96	44.28	-0.326	99.2	89.8	26.172	66.226	0		
"2015-01-31	13:00:00"	9.29	176.8	10.74	15.31	5.904	180.4	17.14	12.33	45.31	45.68	-0.364	98.9	90.1	26.151	79.116	0		
"2015-01-31	14:00:00"	8.95	192.6	10.43	13.52	5.963	196.6	14.9	9.95	45.95	46.25	-0.297	98	90	26.125	67.098	0		
"2015-01-31	15:00:00"	8.09	197.1	11.99	12.33	5.642	201.3	15.33	9.35	46.35	46.71	-0.357	98.3	89.6	26.106	78.7	0		
"2015-01-31	16:00:00"	7.473	202.4	14.56	11.14	5.176	206.2	17.77	9.35	47.1	47.58	-0.481	98.2	89.4	26.091	104.49	0		
"2015-01-31	17:00:00"	5.687	202.9	15.71	9.95	4.008	207.1	17.95	8.16	47.61	47.93	-0.324	96.9	88.4	26.088	51.551	0		
"2015-01-31	18:00:00"	5.198	191.4	14.92	7.561	3.451	194.7	18.37	5.771	47.8	48.02	-0.219	96.2	87.2	26.09	20.547	0		
"2015-01-31	19:00:00"	4.151	187.4	13.32	6.368	2.374	188.8	18.54	3.982	47.71	47.7	0.006	96.5	87.9	26.097	1.0296	0		
"2015-01-31	20:00:00"	4.552	194.1	14.42	8.16	2.66	195.6	22.18	5.175	47.58	47.35	0.223	96.9	88.5	26.103	0	0		
"2015-01-31	21:00:00"	5.53	202.1	20.41	8.75	3.016	207.4	27.47	5.771	47.06	46.25	0.815	97.5	89	26.104	0	0		
"2015-01-31	22:00:00"	5.347	218.1	13.88	10.54	3.454	220.5	17.93	7.561	47.26	47	0.256	97.3	89.6	26.102	0	0		
"2015-01-31	23:00:00"	4.667	236.3	11.87	8.16	2.58	237.1	17.23	5.175	46.46	45.74	0.721	98.4	89.4	26.108	0	0		
"2015-02-01	00:00:00"	3.958	210.5	53.18	6.368	2.189	211.9	61.49	3.982	43.63	43	0.629	99	89.1	26.099	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-01	01:00:00"	5.344	233.1	27.44	11.14	3.768	236.8	38.55	9.35	45.22	45.1	0.118	99.6	90.5	26.099	0	0		
"2015-02-01	02:00:00"	8.42	233.9	9.02	13.52	6.447	233.6	10.7	11.14	46.2	46.19	0.012	99.5	91.8	26.103	0	0		
"2015-02-01	03:00:00"	6.244	240.8	13.75	9.95	4.913	240	14.32	8.16	45.57	46.6	-1.025	99.5	89.8	26.103	0	0		
"2015-02-01	04:00:00"	7.164	266	14.27	9.95	5.695	265.2	16.64	8.75	43.9	44.58	-0.684	99.5	48.12	26.105	0	0		
"2015-02-01	05:00:00"	6.802	303.8	13.18	12.33	5.551	304.8	16.02	10.54	41.49	42.06	-0.573	99.5	14.76	26.102	0	0		
"2015-02-01	06:00:00"	4.721	251.4	28.91	8.75	3.523	249.8	28.38	6.368	39.41	39.84	-0.429	99.6	16.74	26.102	0	0		
"2015-02-01	07:00:00"	3.424	270.7	30.24	5.771	2.566	272.5	36.1	4.578	37.65	38.09	-0.438	99.6	5.104	26.113	0	0		
"2015-02-01	08:00:00"	3.413	337.7	63.69	8.75	2.47	338.3	64.34	7.561	36.51	36.8	-0.292	99.8	9.74	26.146	2.0635	0		
"2015-02-01	09:00:00"	10.43	12.62	13.49	23.07	7.33	14.32	14.17	20.09	39.69	39.76	-0.066	99.9	9.88	26.183	52.898	0		
"2015-02-01	10:00:00"	17.39	36.4	9.51	27.84	9.48	34.02	10.99	20.09	41.11	41.96	-0.855	97.3	49.83	26.229	143.53	0		
"2015-02-01	11:00:00"	20.79	41.29	8.99	29.63	11.29	37.83	11.49	24.26	43.42	44.19	-0.767	85.1	39.06	26.27	202.46	0		
"2015-02-01	12:00:00"	18.81	39.53	9.74	27.84	10.42	34.99	11.85	21.87	44.52	45.19	-0.671	77.65	55.25	26.295	306.56	0		
"2015-02-01	13:00:00"	17.3	38.66	10.31	24.86	9.57	34.85	11.65	19.49	45.72	46.22	-0.493	74.22	67.78	26.31	337.88	0		
"2015-02-01	14:00:00"	16.85	38.58	13.22	24.86	9.77	35.74	14.86	19.49	47.1	47.82	-0.712	67.81	63.16	26.322	441.59	0		
"2015-02-01	15:00:00"	14.05	39.14	13.86	23.66	8.42	35.95	15.51	18.3	48.33	49.26	-0.93	63.47	59.38	26.336	527.01	0		
"2015-02-01	16:00:00"	10.98	56.05	16.38	18.89	7.011	51.74	20.56	15.31	49.93	51.34	-1.404	58	54.29	26.353	500.39	0		
"2015-02-01	17:00:00"	10.23	59.19	18.23	17.7	6.747	56.12	22.1	13.52	49.78	51.08	-1.302	56.78	53.02	26.371	328.08	0		
"2015-02-01	18:00:00"	10.13	66.69	15.12	14.72	6.709	64.04	19.89	11.74	48.68	49.56	-0.882	59.42	55.35	26.384	168.91	0		
"2015-02-01	19:00:00"	7.692	72.35	6.926	12.33	4.609	67.31	13.47	8.75	44.78	44.09	0.689	67.64	64.18	26.376	7.4802	0		
"2015-02-01	20:00:00"	8.99	64.73	8.25	12.33	5.583	64.9	14.18	9.35	41.18	40.38	0.794	74.96	70.07	26.377	0	0		
"2015-02-01	21:00:00"	9.97	68.05	12.27	14.12	6.23	67.64	17.01	10.54	39.82	39.09	0.727	78.28	72.37	26.386	0	0		
"2015-02-01	22:00:00"	10.23	72.73	8.69	14.12	6.295	68.64	15.39	10.54	38.32	37.65	0.669	81.8	75.27	26.392	0	0		
"2015-02-01	23:00:00"	12.17	80.2	8.27	23.66	7.47	77.66	15.89	17.1	38.51	38.15	0.356	79.25	72.9	26.406	0	0		
"2015-02-02	00:00:00"	14.32	85.8	8.46	22.47	9.19	84.5	16.12	17.7	37.95	37.88	0.073	72.83	66.86	26.418	0	0		
"2015-02-02	01:00:00"	10.32	90.7	8.76	19.49	7.052	89.7	15.8	14.12	36.58	36.59	-0.007	71.69	65.54	26.444	0	0		
"2015-02-02	02:00:00"	10.87	100.8	10.28	17.7	7.779	100.1	16.19	15.31	35.02	35.06	-0.043	69.31	63.25	26.441	0	0		
"2015-02-02	03:00:00"	9.55	102.2	9.71	17.1	6.791	102	15.39	13.52	33.9	33.93	-0.033	67.83	61.83	26.433	0	0		
"2015-02-02	04:00:00"	8.45	119.6	9.14	13.52	5.478	119.5	15.36	10.54	33.3	33.15	0.154	70.31	63.97	26.418	0	0		
"2015-02-02	05:00:00"	5.683	131.1	7.648	8.75	3.178	132.5	13.46	6.964	31.82	31.34	0.477	71.99	66.23	26.407	0	0		
"2015-02-02	06:00:00"	5.284	147.3	8.27	6.964	2.12	145.3	11.36	3.982	30.02	28.17	1.854	74.59	71.52	26.391	0	0		
"2015-02-02	07:00:00"	5.969	152.8	7.807	7.561	2.146	138.8	18.93	3.386	28.98	26.29	2.698	78.9	76.41	26.375	0	0		
"2015-02-02	08:00:00"	5.959	170	12.25	9.35	3.213	134.4	26.06	6.368	30.28	29.59	0.693	79.42	74.64	26.38	1.6928	0		
"2015-02-02	09:00:00"	10.71	190.8	10.75	18.3	7.099	196.6	14.73	14.12	32.67	32.7	-0.023	69.88	64.02	26.395	66.229	0		
"2015-02-02	10:00:00"	12.32	197.3	10.48	17.1	8.54	202	14.33	13.52	34.87	35.67	-0.798	61.34	55.43	26.412	288.74	0		
"2015-02-02	11:00:00"	13.02	192.2	11.89	18.89	9.04	198.7	16.08	14.72	38	39.32	-1.32	49.19	44.89	26.426	487.65	0		
"2015-02-02	12:00:00"	14.82	193.3	11.18	21.28	10.28	199.6	15.23	17.1	40.67	42.24	-1.563	44.64	40.96	26.426	610.09	0		
"2015-02-02	13:00:00"	16.37	192.7	10.68	25.45	11.46	197.9	14.54	19.49	43.28	44.9	-1.618	45.63	41.6	26.41	674.13	0		
"2015-02-02	14:00:00"	15.01	195	11.61	26.05	10.54	199.5	15.44	18.3	45.79	47.48	-1.688	45.21	41.14	26.377	681.56	0		
"2015-02-02	15:00:00"	14.49	202.8	12.66	23.66	10.35	205.7	15.38	18.3	48.45	50	-1.557	46.5	42.32	26.341	625.19	0		
"2015-02-02	16:00:00"	15.17	204.9	11.44	23.66	10.57	208	14.66	18.89	50.1	51.48	-1.382	50.93	46.22	26.322	511.25	0		
"2015-02-02	17:00:00"	17.06	198.7	10.83	25.45	11.54	202.6	14.71	18.89	51.67	52.72	-1.045	53.44	48.87	26.322	344.82	0		
"2015-02-02	18:00:00"	13.53	200.6	8.94	21.28	9.14	204.3	12.62	16.51	51.93	52.27	-0.332	54.49	50.84	26.322	143.76	0		
"2015-02-02	19:00:00"	10.18	188.7	10.38	17.1	6.114	192.7	15.52	12.33	49.01	48.27	0.744	57.13	54.73	26.316	11.308	0		
"2015-02-02	20:00:00"	6.23	179.7	8.52	8.75	2.542	176.8	31.54	5.771	43.99	41.99	2.002	62.27	61.04	26.298	0	0		
"2015-02-02	21:00:00"	4.791	176.1	10.99	6.964	1.762	167.7	29.48	3.386	42.49	40.11	2.38	64.58	63.94	26.285	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-02	22:00:00"	4.165	167.9	19.26	7.561	1.674	142.4	58.49	3.386	41.29	39.19	2.098	67.02	65.85	26.275	0	0		
"2015-02-02	23:00:00"	5.43	174.6	11.96	8.75	2.223	170.4	25.79	5.771	40	38.1	1.905	69.15	68.01	26.268	0	0		
"2015-02-03	00:00:00"	4.505	81.3	38.39	6.964	2.51	68.66	31.3	4.578	39.26	37.43	1.829	72.39	70.81	26.268	0	0		
"2015-02-03	01:00:00"	6.278	71.26	11.17	9.35	3.502	67.13	21.78	6.368	37.08	36.11	0.968	79.67	74.41	26.267	0	0		
"2015-02-03	02:00:00"	6.412	61.83	9.09	8.75	3.618	60.47	15.34	6.368	36.66	35.67	0.99	78.99	73.79	26.245	0	0		
"2015-02-03	03:00:00"	5.194	78.71	20.09	8.16	2.817	78.71	26.67	5.771	35.87	34.63	1.24	80.7	75.21	26.237	0	0		
"2015-02-03	04:00:00"	5.815	99.6	10.07	7.561	3.069	86.9	19.79	4.578	35.25	32.97	2.277	82.7	78.66	26.229	0	0		
"2015-02-03	05:00:00"	3.324	174.1	56.22	6.964	1.634	125.9	90.5	3.386	33.62	31.34	2.281	86	79.95	26.219	0	0		
"2015-02-03	06:00:00"	3.625	298.2	19.73	7.561	1.988	318.7	30.86	4.578	33.48	30.99	2.494	87.4	82	26.222	0	0		
"2015-02-03	07:00:00"	4.537	315.7	12.27	8.16	2.073	326.5	46.09	5.175	35.08	32.3	2.777	82.6	79.53	26.228	0	0		
"2015-02-03	08:00:00"	2.102	290.8	38.49	3.982	1.446	314.2	100.9	3.386	33.72	29.72	3.997	85.9	82	26.244	1.5477	0		
"2015-02-03	09:00:00"	3.168	288.8	42.02	4.578	1.161	275.3	94.2	2.789	35.1	32.23	2.863	81.8	80.9	26.252	53.968	0		
"2015-02-03	10:00:00"	4.765	229.8	17.96	8.16	3.447	230.9	18.61	6.964	39.73	40.06	-0.327	74.29	68.79	26.284	294.82	0		
"2015-02-03	11:00:00"	5.689	256.5	25.04	8.16	4.162	253.8	28.52	7.561	45.92	46.94	-1.018	64.17	58.51	26.327	473.03	0		
"2015-02-03	12:00:00"	4.59	241.4	29.25	8.16	3.329	240.9	33.56	6.368	53.96	54.77	-0.806	53.66	50.32	26.354	559.53	0		
"2015-02-03	13:00:00"	6.397	210.9	33.23	12.33	4.975	214.4	38.27	9.95	60.14	61.04	-0.896	42.05	40.66	26.363	692.74	0		
"2015-02-03	14:00:00"	8.62	203.2	17.98	15.91	6.374	207.2	22.02	13.52	62.11	63.33	-1.215	36.54	35.4	26.349	690.72	0		
"2015-02-03	15:00:00"	13.06	185.8	12.59	18.3	8.97	190.2	18.18	14.72	60.58	62.19	-1.61	41.19	38.86	26.324	629.57	0		
"2015-02-03	16:00:00"	11.76	188.8	12.45	17.1	8.21	192.6	17.16	14.72	61.02	62.42	-1.404	39.19	37.36	26.314	507.78	0		
"2015-02-03	17:00:00"	12.45	188.1	10.9	18.89	8.27	192.1	16.03	14.72	61.24	62.43	-1.193	41.11	39.19	26.304	355.32	0		
"2015-02-03	18:00:00"	12.25	188.3	9.43	18.3	8.03	192.7	15	13.52	59.33	59.81	-0.48	48.17	45.79	26.289	160.82	0		
"2015-02-03	19:00:00"	9.13	193.4	8.19	14.72	5.097	195.5	14.22	10.54	54.76	53.63	1.13	58.88	57.06	26.275	11.752	0		
"2015-02-03	20:00:00"	6.86	185.2	5.552	11.14	2.894	178.9	10.99	5.771	49.11	46.34	2.769	72.27	70.61	26.245	0	0		
"2015-02-03	21:00:00"	7.949	183.9	7.224	12.93	4.111	188	13.75	8.75	46.17	44.58	1.585	77.28	73.83	26.229	0	0		
"2015-02-03	22:00:00"	6.843	197.9	7.199	10.54	3.535	201.8	11.58	6.368	43.61	41.99	1.621	82.5	77.68	26.227	0	0		
"2015-02-03	23:00:00"	6.337	205.9	6.603	9.95	3.302	211.7	11.21	6.964	41.4	40.24	1.155	89.9	82.6	26.215	0	0		
"2015-02-04	00:00:00"	5.238	222.2	11.79	7.561	2.556	233.7	21.28	5.175	39.76	38.58	1.187	94.1	85.7	26.2	0	0		
"2015-02-04	01:00:00"	5.288	245.8	12.57	6.368	2.418	260.3	15.42	3.982	39.06	37.04	2.015	97.5	87.6	26.181	0	0		
"2015-02-04	02:00:00"	5.95	247	14.95	9.95	3.299	245.5	18.59	7.561	38.81	37.38	1.428	98.2	88.9	26.168	0	0		
"2015-02-04	03:00:00"	6.495	239.2	9.44	9.95	4.814	237.4	12.59	8.16	37.23	37.29	-0.059	98.9	90	26.169	0	0		
"2015-02-04	04:00:00"	5.6	264.7	10.82	8.16	4.394	262.5	14.31	6.368	35.93	36.07	-0.133	99.1	89.9	26.163	0	0		
"2015-02-04	05:00:00"	4.43	272.2	9.87	6.964	2.756	277.5	16.23	5.771	33.87	33.38	0.488	99.2	89.3	26.146	0	0		
"2015-02-04	06:00:00"	4.051	262.6	9.34	5.771	1.932	261	14.6	3.386	33.89	32.33	1.559	99.6	89.2	26.121	0	0		
"2015-02-04	07:00:00"	3.498	262.8	9.83	4.578	1.634	285.3	22.34	3.386	34.12	32.24	1.886	99.7	89.3	26.117	0	0		
"2015-02-04	08:00:00"	3.176	238	19.51	4.578	1.238	259.4	55.13	2.789	33.65	32.09	1.561	99.7	89.5	26.12	4.2743	0		
"2015-02-04	09:00:00"	3.776	226.5	19.43	6.368	2.222	241.5	30.78	5.175	35.82	35.7	0.123	99.4	90.4	26.141	121.47	0		
"2015-02-04	10:00:00"	4.618	215.6	11.39	7.561	3.621	218.3	14.87	6.368	42.51	43.04	-0.53	97.8	92.6	26.188	310.95	0		
"2015-02-04	11:00:00"	6.687	232.1	19.47	9.95	5.374	232.5	20.11	9.35	51.8	52.37	-0.569	77.69	74.7	26.234	485.39	0		
"2015-02-04	12:00:00"	13.48	263.4	45.22	26.65	10.87	264.6	45.54	22.47	63.8	64.12	-0.317	41.19	40.9	26.269	611.9	0		
"2015-02-04	13:00:00"	19.67	306	9.94	27.84	16.06	308	11.31	24.86	68.17	68.41	-0.242	26.94	27.49	26.298	682.95	0		
"2015-02-04	14:00:00"	18.84	306.9	13.21	27.84	15.48	308.7	13.86	24.86	70	70.32	-0.316	25.2	25.65	26.292	673.99	0		
"2015-02-04	15:00:00"	16.49	319	11.86	28.43	11.92	322.5	20.2	25.45	70.87	71.53	-0.663	23.81	23.92	26.29	620.99	0		
"2015-02-04	16:00:00"	16.01	318.7	11.36	23.66	12.63	320.9	14.18	20.09	71.33	71.77	-0.441	24.36	24.54	26.299	517.69	0		
"2015-02-04	17:00:00"	18.17	356	31.52	45.13	12.06	354.1	30.96	29.03	69.35	69.72	-0.373	27.13	27.18	26.315	337.33	0		
"2015-02-04	18:00:00"	29	34.82	10.05	41.56	15.8	32.22	10.69	32.01	50.54	50.83	-0.284	51.71	47.87	26.333	127.28	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-04	19:00:00"	28.08	35.03	9.47	43.94	15.19	32.41	10.89	30.82	39.94	40.08	-0.146	66.57	59.7	26.31	9.1725		0	
"2015-02-04	20:00:00"	28.59	33.96	9.24	43.35	15.78	30.56	10.49	32.61	34.18	34.37	-0.193	77.96	68.93	26.324		0	0	
"2015-02-04	21:00:00"	22.3	37.12	10.4	36.78	12.27	33.73	11.86	27.24	33.02	33.24	-0.221	83.8	73.86	26.365		0	0	
"2015-02-04	22:00:00"	22.21	34.1	9.66	35	12.26	31.45	10.89	23.66	31.17	31.41	-0.243	87.8	77.2	26.408		0	0	
"2015-02-04	23:00:00"	17.66	22.09	11.15	30.22	11.86	21.19	13.19	24.26	30.27	30.58	-0.306	89.1	78.26	26.458		0	0	
"2015-02-05	00:00:00"	15.06	16.59	11.12	23.66	10.73	16.44	13.03	22.47	29.75	30.08	-0.322	90.2	79.19	26.471		0	0	
"2015-02-05	01:00:00"	12.42	9.64	12.37	20.09	9.35	8.49	16.28	17.1	29.1	29.46	-0.356	92.8	81.4	26.485		0	0	
"2015-02-05	02:00:00"	11.04	6.914	11.41	16.51	8.31	5.463	14.66	13.52	28.91	29.29	-0.384	92.7	81.4	26.485		0	0	
"2015-02-05	03:00:00"	10.39	10.44	11.98	14.72	7.765	9.59	15.16	12.93	28.91	29.31	-0.401	91.4	80.1	26.474		0	0	
"2015-02-05	04:00:00"	9.7	12.06	11.5	14.12	7.194	12.07	14.62	13.52	28.77	29.1	-0.336	92.2	80.9	26.458		0	0	
"2015-02-05	05:00:00"	8.81	9.82	12.53	13.52	6.43	8.78	15.71	12.33	28.88	29.18	-0.302	93.6	82.4	26.453		0	0	
"2015-02-05	06:00:00"	8.21	6.489	13.43	11.74	6.302	4.363	15.31	10.54	28.88	29.18	-0.304	93	81.9	26.453		0	0	
"2015-02-05	07:00:00"	6.454	18.98	11.73	9.95	4.603	18.97	14.21	8.75	28.97	29.24	-0.274	93.5	82.2	26.462		0	0	
"2015-02-05	08:00:00"	4.797	338.6	34.6	9.35	3.721	336.9	34.54	8.16	29.47	29.73	-0.256	91.7	81.2	26.473	1.6109		0	
"2015-02-05	09:00:00"	4.813	324.5	24.97	8.16	3.976	325	25.42	6.964	30.21	30.61	-0.402	88.1	77.81	26.483	18.384		0	
"2015-02-05	10:00:00"	4.562	288	25.5	9.35	3.768	287.2	29.27	8.16	31.16	31.61	-0.445	85	75.25	26.489	74.846		0	
"2015-02-05	11:00:00"	5.706	271.9	29.18	10.54	4.647	271.7	33.39	9.35	32.83	33.45	-0.626	80.2	71.31	26.496	194.33		0	
"2015-02-05	12:00:00"	5.659	273.5	30.11	11.14	4.688	275.3	37.73	9.95	36.01	36.62	-0.605	74.24	66.58	26.503	431.62		0	
"2015-02-05	13:00:00"	5.994	236.3	37.4	11.74	4.755	238.2	40.19	10.54	40.73	41.44	-0.707	65.54	58.99	26.505	692.27		0	
"2015-02-05	14:00:00"	5.543	212	50.69	12.33	4.358	215.9	54.7	11.14	44.92	45.62	-0.699	58.01	52.44	26.495	694.98		0	
"2015-02-05	15:00:00"	7.76	212.6	17.9	15.31	6.118	215.3	20.41	13.52	46.49	47.39	-0.902	55.39	49.97	26.473	639.6		0	
"2015-02-05	16:00:00"	9.14	208.9	16.38	14.12	7.039	211.8	18.76	11.74	48.72	49.73	-1.013	50.51	45.95	26.459	526.32		0	
"2015-02-05	17:00:00"	8.06	205.3	15.48	14.72	6.007	209.2	18.09	11.14	50.4	51.39	-0.99	47.35	43.4	26.459	363.69		0	
"2015-02-05	18:00:00"	8.48	184.1	15.19	12.33	5.73	186.4	19.37	9.35	49.47	50.21	-0.742	50.58	46.17	26.457	169.07		0	
"2015-02-05	19:00:00"	6.909	172.1	9.38	10.54	3.248	169.2	17.61	7.561	44.47	43.14	1.328	60.58	57.33	26.441	13.533		0	
"2015-02-05	20:00:00"	5.519	170.5	8.35	6.964	2.045	149.4	21.8	3.386	39.92	37.02	2.91	70.39	67.98	26.418	0		0	
"2015-02-05	21:00:00"	5.907	168	11.85	8.75	2.135	143.3	24.51	3.982	38.23	35.09	3.141	75.56	72.84	26.409	0		0	
"2015-02-05	22:00:00"	5.18	194.7	11.15	7.561	1.698	183	31.83	2.789	36.5	33.39	3.111	80.8	77.17	26.405	0		0	
"2015-02-05	23:00:00"	4.852	202.1	13.53	7.561	1.878	198.3	36.81	4.578	34.75	32.17	2.578	85.7	80.2	26.405	0		0	
"2015-02-06	00:00:00"	5.602	211.2	10.26	8.16	2.932	217	13.87	5.771	33.01	31.56	1.447	89.9	82.3	26.409	0		0	
"2015-02-06	01:00:00"	4.832	241.5	12.71	7.561	2.48	254.2	16.6	5.175	31.39	30.24	1.159	94	84	26.399	0		0	
"2015-02-06	02:00:00"	3.993	239.9	29.06	6.964	2.231	219	65.13	3.982	31.58	29.35	2.233	94.2	85.2	26.385	0		0	
"2015-02-06	03:00:00"	4.073	225.1	9.81	5.771	1.786	221.9	27.61	3.386	30.79	28.49	2.303	95.6	86	26.375	0		0	
"2015-02-06	04:00:00"	4.184	251.7	12.08	5.771	1.692	264.7	23.33	2.789	30.61	28.36	2.248	96.6	86.7	26.367	0		0	
"2015-02-06	05:00:00"	5.67	268.6	6.555	9.35	2.939	274.2	9.61	5.175	31.01	28.74	2.261	95.5	87	26.359	0		0	
"2015-02-06	06:00:00"	6.48	285.1	5.007	8.75	3.78	283.9	10.85	5.771	31.26	29.76	1.498	94	86.4	26.361	0		0	
"2015-02-06	07:00:00"	5.796	291.9	7.457	7.561	2.871	276.5	15.68	4.578	31.7	29.75	1.944	92.6	85.3	26.357	0		0	
"2015-02-06	08:00:00"	5.325	289.6	8.55	6.964	2.619	277.9	12.6	4.578	32.83	29.84	2.997	89	84.3	26.356	3.1677		0	
"2015-02-06	09:00:00"	5.766	288.1	13.96	8.16	3.659	277.2	16.55	5.771	34.8	34.23	0.574	86.8	80.6	26.376	114.73		0	
"2015-02-06	10:00:00"	5.054	242.3	19.11	7.561	4.166	240.8	19.52	6.964	41.51	41.82	-0.31	80.2	73.29	26.411	315.06		0	
"2015-02-06	11:00:00"	7.167	226.6	13.83	11.14	5.7	227.1	15.44	9.35	47.59	48.15	-0.556	68.79	63.29	26.452	497.73		0	
"2015-02-06	12:00:00"	7.387	213.1	15.59	11.74	5.715	214.7	18.78	9.95	55.63	56.37	-0.738	53.9	50.55	26.486	627.4		0	
"2015-02-06	13:00:00"	8.85	216.2	13.52	15.91	6.875	218.4	15.93	12.93	60.76	61.55	-0.786	44.06	42.63	26.499	697.23		0	
"2015-02-06	14:00:00"	9.49	213.1	13.51	14.12	7.2	215.6	15.74	14.12	66.06	67.06	-1	34.7	34.27	26.49	705.79		0	
"2015-02-06	15:00:00"	10.41	205.9	13.46	16.51	7.7	208.4	15.96	12.93	69.32	70.52	-1.194	29.49	28.89	26.477	652.99		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-06	16:00:00"	10.8	205.6	12.4	16.51	7.989	208.5	15.19	13.52	70.6	71.65	-1.058	27.93	27.38	26.467	539.44		0	
"2015-02-06	17:00:00"	12.26	200.8	9.89	17.1	8.62	204.1	13.75	13.52	70.43	71.4	-0.97	25.7	25.06	26.448	375.3		0	
"2015-02-06	18:00:00"	10.42	199.4	8.33	15.91	6.85	202.8	12.72	12.33	69.79	70.02	-0.237	22.58	22.24	26.432	180.97		0	
"2015-02-06	19:00:00"	8.4	187.2	4.783	11.74	3.484	184.4	11.97	6.964	64.68	60.88	3.802	28.72	31.79	26.407	15.734		0	
"2015-02-06	20:00:00"	9.47	203.9	9.69	13.52	4.854	208.2	15.16	8.16	59.1	55.97	3.133	43.6	46.4	26.374	0		0	
"2015-02-06	21:00:00"	6.029	201.4	8.19	9.35	2.156	194.7	38.38	4.578	56.31	51.43	4.88	50.41	55.29	26.363	0		0	
"2015-02-06	22:00:00"	5.11	211.8	14.96	8.16	2.035	217.6	40.28	3.982	52.11	48.58	3.533	59.41	61.07	26.339	0		0	
"2015-02-06	23:00:00"	4.832	207.5	31.5	8.16	2.361	200.4	61.13	4.578	49.51	46.7	2.811	67.42	66.31	26.319	0		0	
"2015-02-07	00:00:00"	5.185	223.8	8.55	8.16	2.156	236.4	16.72	4.578	46.83	44.23	2.604	77.64	74.54	26.305	0		0	
"2015-02-07	01:00:00"	4.271	235.3	13.23	6.368	1.994	265	23.56	4.578	44.8	42.31	2.49	83.4	79.27	26.286	0		0	
"2015-02-07	02:00:00"	5.27	249.2	21.64	7.561	2.434	276.6	36.58	3.982	43.37	40.48	2.882	88.8	83.5	26.268	0		0	
"2015-02-07	03:00:00"	4.706	244.4	23.51	7.561	1.783	274.9	60.51	3.982	43.02	39.7	3.32	88.2	85.2	26.252	0		0	
"2015-02-07	04:00:00"	5.445	249.8	25.7	8.75	2.415	295.1	48.79	4.578	44.49	39.57	4.921	82.5	84.6	26.235	0		0	
"2015-02-07	05:00:00"	4.361	263.9	13.46	6.964	1.345	284.4	50.2	3.386	43.97	38.28	5.692	76.19	82.7	26.221	0		0	
"2015-02-07	06:00:00"	4.069	268.6	21.16	5.771	1.274	253.5	66.77	2.789	43.89	37.73	6.162	71.93	78.92	26.206	0		0	
"2015-02-07	07:00:00"	4.874	256.3	15.87	7.561	1.789	249.5	70.94	3.982	43.92	37.4	6.517	69.94	78.63	26.196	0		0	
"2015-02-07	08:00:00"	4.241	247.1	8.89	5.771	1.549	290.4	26.21	3.386	41.03	36.8	4.235	82.7	79.13	26.198	5.4857		0	
"2015-02-07	09:00:00"	2.885	244	21.85	5.175	1.63	285.3	44.9	4.578	43.52	43.09	0.429	76.5	74.09	26.215	133.22		0	
"2015-02-07	10:00:00"	5.403	225.4	13.07	9.35	4.199	225.2	15.03	8.16	52.65	52.9	-0.252	60.68	58.92	26.26	325.07		0	
"2015-02-07	11:00:00"	10.88	265.9	12.59	18.89	8.72	263.9	15.54	15.91	64.9	64.98	-0.078	32.92	33.92	26.311	504.09		0	
"2015-02-07	12:00:00"	12.02	285.3	11.83	18.89	9.57	284.5	16.22	17.1	73.5	73.76	-0.265	18.74	19.39	26.346	637.7		0	
"2015-02-07	13:00:00"	13.12	276	14.17	20.09	10.57	275.2	18.13	17.1	75.34	75.79	-0.45	16.27	16.43	26.346	707.34		0	
"2015-02-07	14:00:00"	14.08	258.5	14.38	22.47	11.41	257	16.71	20.09	78.12	78.52	-0.401	13.44	13.36	26.322	716.35		0	
"2015-02-07	15:00:00"	15.97	262.4	13.94	24.26	12.76	260.9	16.54	20.09	79.75	80.2	-0.491	10.5	9.88	26.296	661.21		0	
"2015-02-07	16:00:00"	17.29	260.7	11.2	26.05	13.85	259	13.93	26.05	79.82	80.2	-0.383	10.05	9.16	26.283	545.86		0	
"2015-02-07	17:00:00"	15.5	263.1	12.16	23.66	12.01	262	14.35	20.09	79.93	80.1	-0.211	9.99	9.05	26.268	379.36		0	
"2015-02-07	18:00:00"	13.11	254.9	9.88	22.47	10.35	253.4	12.35	18.89	79	78.67	0.334	9.63	8.89	26.262	182.24		0	
"2015-02-07	19:00:00"	8.65	244.9	6.649	12.33	5.419	246.6	9.98	11.14	72.1	69.86	2.235	14.57	15.63	26.246	16.504		0	
"2015-02-07	20:00:00"	10.43	257.1	7.564	13.52	6.33	258.6	10.08	9.95	65.69	62.86	2.83	20.99	22.7	26.216	0		0	
"2015-02-07	21:00:00"	7.869	251.8	12.71	16.51	4.712	250	15.76	12.93	62.63	59.64	2.984	23.54	25.4	26.203	0		0	
"2015-02-07	22:00:00"	11.98	272.7	8.34	19.49	8.23	271.3	11.64	15.31	64.25	62.51	1.742	20.58	20.71	26.208	0		0	
"2015-02-07	23:00:00"	8.17	282.6	12.41	12.93	5.021	288.7	22.77	9.35	60.58	57.64	2.947	23.85	25.35	26.209	0		0	
"2015-02-08	00:00:00"	9.56	287.5	4.419	12.93	5.648	285.1	10.31	8.75	56.5	53.78	2.726	29.32	30.99	26.197	0		0	
"2015-02-08	01:00:00"	8.35	290.5	11.76	11.14	4.128	293.2	20.28	6.368	54.31	49.85	4.454	33.13	37.46	26.175	0		0	
"2015-02-08	02:00:00"	9.62	307.1	8.62	13.52	5.947	308.8	9.32	9.95	54.52	51.97	2.549	34.2	36.27	26.162	0		0	
"2015-02-08	03:00:00"	13	312.1	6.601	17.1	9.38	312.4	7.03	14.12	53.58	52.5	1.084	35.7	35.56	26.167	0		0	
"2015-02-08	04:00:00"	13	307.3	6.768	17.1	9.59	308.2	7.023	14.12	51.63	50.68	0.951	39.64	39.06	26.172	0		0	
"2015-02-08	05:00:00"	11.9	304.2	7.176	16.51	8.61	305.1	7.515	14.72	50.22	49.17	1.053	42.27	41.54	26.166	0		0	
"2015-02-08	06:00:00"	11.82	306.7	6.829	16.51	8.35	308.2	6.918	12.93	51.55	50.25	1.306	37.69	37.89	26.168	0		0	
"2015-02-08	07:00:00"	13.55	313	8.24	20.09	9.96	313.1	9.27	15.31	52.39	51.23	1.164	35.02	34.81	26.181	0		0	
"2015-02-08	08:00:00"	17.8	319.2	7.6	26.05	13.64	319.9	8.76	21.28	58.69	57.68	1.009	26.78	26.21	26.214	5.1829		0	
"2015-02-08	09:00:00"	19.19	326.8	8.32	29.03	15.36	326.6	9.43	26.05	60.53	59.99	0.539	25.08	24.07	26.26	133.37		0	
"2015-02-08	10:00:00"	20.69	335.4	8.87	29.63	16.97	334.4	10.36	27.24	64.15	64.13	0.026	22.38	21.15	26.306	327.33		0	
"2015-02-08	11:00:00"	20.74	358.7	15.79	30.82	15.73	356.6	18.73	26.65	68.66	68.94	-0.282	18.4	17.21	26.346	502.66		0	
"2015-02-08	12:00:00"	17.99	19.35	14.27	30.22	12.78	18.36	15.85	24.26	70.44	70.92	-0.477	16.92	15.64	26.388	626.94		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-08	13:00:00"	15.91	45.72	18.52	26.05	9.75	42.52	20.69	19.49	71.78	72.81	-1.03	15.94	14.53	26.403	695.43		0	
"2015-02-08	14:00:00"	14.13	57.45	15.66	23.66	8.84	53.63	19.56	18.3	72.97	74.65	-1.676	15.78	14.24	26.392	702.03		0	
"2015-02-08	15:00:00"	11.89	66.49	22.76	22.47	7.968	62.58	27.62	16.51	75.31	76.84	-1.53	13.56	12.15	26.383	644.92		0	
"2015-02-08	16:00:00"	9.98	74.9	24.89	18.89	6.922	71.7	30.2	14.72	76.83	78.24	-1.413	12.11	10.56	26.382	530.67		0	
"2015-02-08	17:00:00"	7.981	89.4	23.24	16.51	5.891	87.4	28.5	12.93	76.86	77.88	-1.021	11.71	10.15	26.388	368.13		0	
"2015-02-08	18:00:00"	6.795	84.1	15.53	11.14	4.719	81.3	21.81	8.16	75.66	76.25	-0.586	12.67	11.6	26.398	174.57		0	
"2015-02-08	19:00:00"	5.807	80.6	7.113	8.16	3.01	69.68	13.49	5.175	70.02	67.28	2.74	17.35	19.77	26.398	15.323		0	
"2015-02-08	20:00:00"	6.677	59.92	5.419	8.16	3.217	56.9	10.31	4.578	66.18	60.15	6.029	19.92	26.36	26.375	0		0	
"2015-02-08	21:00:00"	3.605	49.81	6.224	6.368	1.668	25.37	57.2	3.386	62.77	55.99	6.777	22.89	32.94	26.363	0		0	
"2015-02-08	22:00:00"	3.283	85.9	71.55	9.95	1.448	41.84	70.57	6.368	60.17	50.39	9.78	26.11	43.03	26.345	0		0	
"2015-02-08	23:00:00"	1.615	18.38	44.15	3.386	1.519	34.38	61.36	3.982	55.43	48.49	6.938	32.06	47.48	26.337	0		0	
"2015-02-09	00:00:00"	1.733	32.21	65.1	6.964	1.667	27.32	41.61	6.964	57.25	48.71	8.54	28.36	46.15	26.336	0		0	
"2015-02-09	01:00:00"	2.744	316.7	29.42	5.175	1.991	21.26	75.09	3.982	56.77	45.16	11.61	30.48	54.27	26.333	0		0	
"2015-02-09	02:00:00"	4.075	318.9	17.39	6.964	1.33	262.4	87.9	3.982	53.55	43.2	10.35	36.32	56.54	26.326	0		0	
"2015-02-09	03:00:00"	3.415	326.4	33.61	6.964	1.912	62.06	70.19	3.982	51.56	42.93	8.64	39.17	57.64	26.326	0		0	
"2015-02-09	04:00:00"	3.715	323.3	18.29	5.771	1.33	81	28.74	3.386	52.75	43.27	9.48	36.98	55.6	26.326	0		0	
"2015-02-09	05:00:00"	2.224	38.15	39.03	5.175	2.307	73.21	18.97	4.578	50.03	41.78	8.25	41.45	59.55	26.32	0		0	
"2015-02-09	06:00:00"	3.779	37.11	18.2	6.368	2.185	51.61	46.5	4.578	47.52	41.71	5.809	47.66	58.42	26.327	0		0	
"2015-02-09	07:00:00"	2.644	358.1	46.2	6.368	1.936	356.7	79.35	4.578	43.89	37.91	5.983	56.18	65.47	26.337	0		0	
"2015-02-09	08:00:00"	2.107	333.5	52.92	5.175	1.333	29.02	69.64	2.789	46.28	37.35	8.93	48.31	69.04	26.344	5.9375		0	
"2015-02-09	09:00:00"	1.545	29.01	36.29	3.982	1.079	85.2	59.87	2.193	50.82	47.26	3.563	46.04	55.96	26.366	137		0	
"2015-02-09	10:00:00"	2.839	220.7	67.02	7.561	2.249	186.1	85.4	6.368	62.36	62.31	0.051	32.69	33.89	26.438	331.49		0	
"2015-02-09	11:00:00"	11.46	196.3	13.84	18.89	8.08	200.4	17.8	15.31	68.25	69.15	-0.9	24.32	23.82	26.509	509.44		0	
"2015-02-09	12:00:00"	15.34	190.3	10.7	22.47	10.53	195	15.66	17.1	70.86	72.18	-1.322	19.66	18.52	26.529	638.59		0	
"2015-02-09	13:00:00"	16.11	190.4	12.29	22.47	11.08	194.8	16.92	18.89	72.33	73.84	-1.504	17.71	16.34	26.516	709.38		0	
"2015-02-09	14:00:00"	16.62	184.1	12.57	24.26	11.2	187.9	17.66	19.49	73.51	75.15	-1.634	15.05	13.5	26.485	718.87		0	
"2015-02-09	15:00:00"	16.11	185.2	14.64	24.86	10.69	188.7	19.26	18.3	74.78	76.39	-1.609	11.76	9.9	26.457	664.52		0	
"2015-02-09	16:00:00"	16.1	185.7	13.03	22.47	10.78	190.2	18.16	18.3	75.35	76.72	-1.373	10.72	8.65	26.434	550.24		0	
"2015-02-09	17:00:00"	14.72	190.4	11.08	22.47	9.97	194	16.19	18.3	75.37	76.31	-0.939	10.78	8.75	26.412	383.39		0	
"2015-02-09	18:00:00"	12.66	184.1	9.85	21.28	8.15	187.4	15.74	16.51	74.23	74.58	-0.354	13.74	12.16	26.397	185.95		0	
"2015-02-09	19:00:00"	8.5	168.9	10.45	13.52	3.825	164.2	20.73	11.14	68.74	65.83	2.905	20.52	21.67	26.374	18.22		0	
"2015-02-09	20:00:00"	9.03	143.4	6	11.74	3.437	126.7	9.8	5.771	62.65	57.24	5.416	26.1	30.47	26.329	0		0	
"2015-02-09	21:00:00"	9.77	143.8	7.444	12.33	4.321	137.6	14.92	7.561	59.53	56.02	3.511	29.36	32.07	26.301	0		0	
"2015-02-09	22:00:00"	6.792	152.3	11.69	11.74	2.661	148.2	30.75	7.561	56.7	53.81	2.89	32.07	33.67	26.297	0		0	
"2015-02-09	23:00:00"	3.749	182.7	14.27	6.368	1.318	217.4	36.16	2.789	54.26	51.25	3.014	35.1	37.11	26.281	0		0	
"2015-02-10	00:00:00"	6.942	184.4	13.9	11.74	3.144	197.5	23.07	6.964	55.73	52.89	2.84	37.95	40.28	26.269	0		0	
"2015-02-10	01:00:00"	4.803	202.4	13.24	6.368	1.966	224.2	35.68	3.386	53.74	50.8	2.941	42.22	44.15	26.261	0		0	
"2015-02-10	02:00:00"	4.377	204.2	10.14	6.964	1.439	235.1	24.69	3.386	52.11	48.71	3.403	46.33	48.43	26.24	0		0	
"2015-02-10	03:00:00"	5.688	245.6	10.87	8.16	2.706	265.6	21.69	4.578	50.76	47.04	3.724	49.14	51.84	26.222	0		0	
"2015-02-10	04:00:00"	4.017	240.7	11.92	5.771	1.876	290.9	15.89	3.386	48.99	45.44	3.544	52.87	54.64	26.202	0		0	
"2015-02-10	05:00:00"	3.408	244.9	10.06	4.578	1.777	315.2	8.32	3.386	48.03	44.71	3.324	55.03	56.03	26.186	0		0	
"2015-02-10	06:00:00"	4.588	277.5	15.93	7.561	2.573	306.2	11.11	4.578	47.65	44.06	3.594	56.25	58.05	26.186	0		0	
"2015-02-10	07:00:00"	4.007	288	7.806	5.771	1.58	306.3	7.822	3.982	47.32	42.53	4.786	56.99	61.55	26.185	0		0	
"2015-02-10	08:00:00"	4.656	288.9	7.017	6.964	1.876	295.2	22.5	3.982	47.43	42.41	5.02	56.62	61.68	26.189	6.3367		0	
"2015-02-10	09:00:00"	3.459	252.3	16.3	6.368	1.896	245.1	46.09	5.771	50.88	49.81	1.069	51.92	52.53	26.201	140.79		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-10	10:00:00"	5.861	227.4	12.65	8.16	4.594	229.3	14.5	7.561	55.87	56.13	-0.264	46.39	44.7	26.251	336.09		0	
"2015-02-10	11:00:00"	6.023	248.8	22.34	9.35	4.772	249.2	24.87	8.75	63.87	64.3	-0.431	34.62	34.41	26.298	512.56		0	
"2015-02-10	12:00:00"	6.473	230.8	27.87	12.33	4.99	232	29.45	9.35	69.98	70.46	-0.481	28.33	28.11	26.327	640.14		0	
"2015-02-10	13:00:00"	6.758	218.4	24.6	12.93	5.16	219.8	27.14	10.54	75.34	75.94	-0.597	21.66	21.5	26.327	711.66		0	
"2015-02-10	14:00:00"	7.699	223.6	20.98	13.52	5.96	225	22.24	12.93	78.43	79.07	-0.649	16.45	16.08	26.309	720.45		0	
"2015-02-10	15:00:00"	7.934	212.6	33.29	15.31	5.951	216	31.73	12.33	79.86	80.7	-0.837	13.86	12.71	26.285	665.37		0	
"2015-02-10	16:00:00"	7.436	190.2	34.62	13.52	5.528	192.8	38.67	11.74	80.1	80.8	-0.737	12.82	11.21	26.267	549.68		0	
"2015-02-10	17:00:00"	6.46	201.6	38.74	14.72	4.912	203.3	48.44	12.33	79.9	80.4	-0.528	12.84	11.25	26.248	382.72		0	
"2015-02-10	18:00:00"	7.152	176.1	18.91	11.14	4.571	179.7	23.08	8.75	78.35	78.88	-0.533	14.52	13.03	26.241	187.3		0	
"2015-02-10	19:00:00"	6.795	163	9.88	8.75	2.485	148.2	22.31	5.175	71.55	68.58	2.967	19.5	20.83	26.225	19.558		0	
"2015-02-10	20:00:00"	8.03	141.2	7.425	9.95	2.862	110.9	18	4.578	66.31	59.79	6.518	23.34	30.04	26.189	0		0	
"2015-02-10	21:00:00"	8.69	140.8	6.67	10.54	3.343	123.9	14.2	4.578	63.36	57.67	5.691	26.09	32.32	26.167	0		0	
"2015-02-10	22:00:00"	6.169	160.4	13.74	11.74	2.626	121.2	60.29	5.771	60.43	55.82	4.605	29.12	32.92	26.159	0		0	
"2015-02-10	23:00:00"	4.291	187.5	23.48	9.95	1.868	217.5	61.11	5.175	57.18	54.34	2.84	37.81	39.47	26.155	0		0	
"2015-02-11	00:00:00"	2.714	212.6	31.96	5.175	1.479	3.267	75.37	3.386	55.26	51.74	3.513	44.32	45.94	26.148	0		0	
"2015-02-11	01:00:00"	3.865	205.4	18.51	6.368	1.432	265.3	63.53	3.386	55.47	50.83	4.642	46.85	50.28	26.139	0		0	
"2015-02-11	02:00:00"	3.981	208.3	20.66	6.368	1.413	225.3	64.02	3.386	54.24	49.69	4.548	50.26	53.72	26.132	0		0	
"2015-02-11	03:00:00"	3.343	252.7	12.86	5.175	1.621	308.1	44.3	2.789	53.04	48.8	4.242	53.04	55.75	26.124	0		0	
"2015-02-11	04:00:00"	3.024	223.7	32.66	5.175	1.246	330	59.46	3.386	52.03	46.85	5.18	55.5	59.66	26.113	0		0	
"2015-02-11	05:00:00"	4.034	181.4	21.73	5.771	1.639	116.1	53.95	2.789	50.7	47.1	3.597	59.94	60.89	26.105	0		0	
"2015-02-11	06:00:00"	5.439	152.9	89.1	20.09	3.47	24.2	52.9	17.1	49.9	47.13	2.777	62.64	61.87	26.118	0		0	
"2015-02-11	07:00:00"	11.64	34.01	14	21.87	7.087	34.03	18.77	18.3	47.85	47.26	0.589	65.95	61.2	26.169	0		0	
"2015-02-11	08:00:00"	16.14	29.98	10.21	23.66	9.57	28.4	11.45	20.68	43.13	43.03	0.108	78.83	70.85	26.197	11.469		0	
"2015-02-11	09:00:00"	19.38	39.08	10.82	29.03	10.67	35.45	12.09	20.68	43.98	44.08	-0.098	80	72.01	26.221	120.07		0	
"2015-02-11	10:00:00"	22.12	47.84	9.08	34.4	12.31	43.03	12.8	21.87	47.46	47.94	-0.478	74.69	67.33	26.255	321.74		0	
"2015-02-11	11:00:00"	22.74	45.57	10.96	33.21	12.79	41.18	13.85	23.66	50.37	51.1	-0.731	68.59	61.9	26.311	495.38		0	
"2015-02-11	12:00:00"	22.17	38.76	11.09	30.82	12.41	34.8	12.56	26.05	53.01	53.79	-0.776	62.92	57.2	26.363	533.46		0	
"2015-02-11	13:00:00"	23.12	38.94	11.62	35	12.99	35.42	13.4	24.26	53.04	53.61	-0.571	61.92	56.46	26.382	294.58		0	
"2015-02-11	14:00:00"	23.95	33.97	9.79	35	13.52	31.22	11.19	29.63	50.85	51.12	-0.27	65.07	59.25	26.388	118.69		0	
"2015-02-11	15:00:00"	24.35	30.54	10.8	35	14.63	28.02	12.07	30.22	48.33	48.54	-0.205	68.87	62.29	26.394	74.323		0	
"2015-02-11	16:00:00"	24.87	25.84	10.04	36.78	16.41	24.03	11.75	30.82	43.49	43.81	-0.323	81.8	72.65	26.414	49.15		0	
"2015-02-11	17:00:00"	21.29	34.3	11.6	32.61	12.28	31.44	12.54	22.47	41.43	41.69	-0.257	89.6	80	26.421	59.335		0	
"2015-02-11	18:00:00"	22.83	38.27	9.2	36.19	12.32	34.67	11.02	26.05	42.88	43.05	-0.168	79.59	71.62	26.431	61.532		0	
"2015-02-11	19:00:00"	23.31	39.01	9.5	35	12.66	35.76	11.06	25.45	44.05	44.08	-0.03	69.67	63.04	26.47	4.479		0	
"2015-02-11	20:00:00"	23.09	34.91	10.91	34.4	13.01	32.2	12.12	26.05	42.74	42.79	-0.048	72.14	64.83	26.499	0		0	
"2015-02-11	21:00:00"	21.79	36.43	9.86	35.59	12.01	33.33	11.53	27.24	41.64	41.67	-0.028	76.29	68.2	26.511	0		0	
"2015-02-11	22:00:00"	16.63	31.36	9.28	25.45	9.48	29.59	10.65	18.89	40.85	40.93	-0.072	79.08	70.64	26.528	0		0	
"2015-02-11	23:00:00"	16.99	31.58	9.61	25.45	9.74	30.03	10.6	21.28	41.11	41.17	-0.052	70.08	63	26.527	0		0	
"2015-02-12	00:00:00"	15.38	36.12	10.04	24.86	8.48	33.72	11.05	20.09	40.81	40.85	-0.037	63.97	57.63	26.55	0		0	
"2015-02-12	01:00:00"	14.92	32.15	9.62	23.07	8.62	29.94	10.86	17.7	40.58	40.63	-0.054	61.98	55.69	26.556	0		0	
"2015-02-12	02:00:00"	15.64	27.18	9.59	22.47	9.75	26.43	10.98	21.28	39.58	39.65	-0.071	64.81	57.92	26.56	0		0	
"2015-02-12	03:00:00"	15.93	35.18	9.69	24.86	8.83	32.25	10.82	18.3	39.58	39.59	-0.013	60.44	54.25	26.543	0		0	
"2015-02-12	04:00:00"	14.04	42.59	9.15	21.28	7.559	38.42	11.69	15.31	39.51	39.48	0.03	59.73	53.7	26.532	0		0	
"2015-02-12	05:00:00"	12.4	32.32	10.08	18.89	7.03	30.44	10.97	15.31	39.55	39.56	-0.007	58.94	52.89	26.537	0		0	
"2015-02-12	06:00:00"	12.76	18.3	10.46	18.89	9.26	17.51	12.08	16.51	39.5	39.53	-0.028	60.6	54.22	26.561	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-12	07:00:00"	10.88	14.91	11.42	19.49	7.872	13.94	13.21	15.91	39.46	39.49	-0.022	61.33	54.85	26.569	0	0		
"2015-02-12	08:00:00"	7.127	15.54	12.86	12.33	5.028	12.58	16.7	9.95	38.7	38.58	0.126	64.66	57.88	26.582	3.726	0		
"2015-02-12	09:00:00"	8.42	12.61	12.05	16.51	6.175	9.72	14.62	14.12	38.25	38.47	-0.214	65.82	59.08	26.577	139.88	0		
"2015-02-12	10:00:00"	11.66	31.35	12.02	17.7	7.28	28.96	13.12	15.31	41.85	42.41	-0.569	50.17	45.48	26.599	338.55	0		
"2015-02-12	11:00:00"	10.4	44.47	17.46	17.1	6.483	40.2	20.42	13.52	44.46	45.62	-1.162	38.3	34.8	26.631	516.05	0		
"2015-02-12	12:00:00"	8.41	61.5	20.39	15.31	5.798	56.25	26.85	12.93	47.69	49.34	-1.655	31.52	27.85	26.657	643.49	0		
"2015-02-12	13:00:00"	6.544	72.19	33.8	14.12	4.736	67.11	42.57	11.14	50.9	52.2	-1.294	26.29	22.79	26.646	699.07	0		
"2015-02-12	14:00:00"	6.205	43.1	46.6	13.52	4.613	38.35	46.47	11.14	52.7	53.81	-1.109	24.41	21.14	26.622	707.27	0		
"2015-02-12	15:00:00"	4.192	34.05	63.56	9.95	3.329	31.03	67.53	8.16	55.91	56.29	-0.38	22.52	19.82	26.603	660.07	0		
"2015-02-12	16:00:00"	3.581	266.2	89.3	8.75	2.802	282.5	89.9	7.561	57.21	57.3	-0.092	23.02	20.55	26.581	453.32	0		
"2015-02-12	17:00:00"	4.718	194.5	28.61	9.95	3.486	197.6	33.08	8.75	54.04	54.47	-0.426	25.18	21.9	26.559	141.93	0		
"2015-02-12	18:00:00"	6.541	188.7	14.59	10.54	4.529	191.8	18.71	8.16	52.3	52.62	-0.323	26.33	23.09	26.527	65.558	0		
"2015-02-12	19:00:00"	6.617	186.7	8.87	9.35	3.433	186.3	14.8	6.964	50.15	49	1.152	29.43	27.89	26.502	14.179	0		
"2015-02-12	20:00:00"	4.799	161.5	12.18	6.964	2.043	123.4	32.99	3.386	45.49	42.74	2.745	35.28	36.12	26.485	0	0		
"2015-02-12	21:00:00"	5.005	180.7	10.22	7.561	2.014	155.1	26.49	3.982	45.08	42.91	2.171	37.77	39.11	26.483	0	0		
"2015-02-12	22:00:00"	7.028	181.9	6.45	10.54	2.916	173.2	13.56	5.771	42.55	40.47	2.08	44.58	44.62	26.471	0	0		
"2015-02-12	23:00:00"	4.863	173.1	9.82	6.964	1.854	126.1	44.78	3.386	40.64	37.51	3.136	48.4	49.28	26.457	0	0		
"2015-02-13	00:00:00"	2.824	240.8	45.84	6.368	1.508	274	62.13	3.386	39.65	37.37	2.285	51.41	50.96	26.453	0	0		
"2015-02-13	01:00:00"	3.086	219.3	23.66	5.175	1.523	112.1	76.41	2.789	41.04	37.51	3.531	49.82	51.51	26.456	0	0		
"2015-02-13	02:00:00"	5.848	200.2	6.093	8.16	2.206	196.4	26.33	3.982	40.5	36.36	4.135	56.09	57.14	26.449	0	0		
"2015-02-13	03:00:00"	5.941	226	19.96	9.35	3.203	240.5	41.3	5.771	38.63	36.89	1.742	64.23	61.09	26.436	0	0		
"2015-02-13	04:00:00"	4.878	252.8	10.13	6.368	2.013	266	22.15	3.386	37.29	34.56	2.732	65.52	63.92	26.424	0	0		
"2015-02-13	05:00:00"	4.418	264.8	15.7	5.771	2.121	286.8	30.78	3.386	37	33.92	3.074	66.57	65.27	26.407	0	0		
"2015-02-13	06:00:00"	4.44	266.7	12.54	5.771	1.989	289.5	25.04	3.386	36.98	33.38	3.598	67.75	66.56	26.391	0	0		
"2015-02-13	07:00:00"	4.922	257.8	18.01	5.771	2.488	268.7	29.93	3.982	37.19	33.88	3.31	68.96	67.25	26.386	0	0		
"2015-02-13	08:00:00"	5.875	295.4	11.7	7.561	2.937	298.7	13.51	4.578	36.95	33.77	3.183	72.49	70.07	26.389	7.6397	0		
"2015-02-13	09:00:00"	5.471	280.4	18.78	8.16	3.84	279	21.26	7.561	40.92	40.55	0.372	66.1	61.74	26.415	141.99	0		
"2015-02-13	10:00:00"	7.764	230	12.55	12.33	6.077	229.4	13.77	11.14	46.19	46.57	-0.38	60.66	54.87	26.458	330.96	0		
"2015-02-13	11:00:00"	9.83	235.7	13.85	16.51	7.803	234.6	15.61	13.52	53.09	53.55	-0.463	57.93	53.02	26.51	505.94	0		
"2015-02-13	12:00:00"	10.63	252.9	16.92	17.7	8.58	251.2	19.44	15.91	58.64	59.39	-0.75	51.34	47.89	26.545	630.33	0		
"2015-02-13	13:00:00"	9.46	260	21.33	15.91	7.644	258.6	24.78	14.72	62.16	62.91	-0.741	44.49	42.53	26.547	703.86	0		
"2015-02-13	14:00:00"	5.987	287.8	47.99	12.93	4.973	288.5	48.82	11.74	66.44	66.92	-0.48	37.53	37.13	26.534	712.77	0		
"2015-02-13	15:00:00"	5.556	311	44.97	11.74	4.621	311.9	48.41	11.74	67.95	68.41	-0.466	34.01	33.83	26.517	661.69	0		
"2015-02-13	16:00:00"	5.183	354.4	51.32	11.14	4.193	351.4	52.59	9.35	69.15	69.37	-0.218	31.1	31.15	26.501	551.72	0		
"2015-02-13	17:00:00"	4.421	282	58.43	9.35	3.691	281.2	56.14	8.75	69.67	70.1	-0.434	29.61	29.11	26.498	387.17	0		
"2015-02-13	18:00:00"	4.565	3.924	48.29	15.91	3.578	359.8	48.72	13.52	68.81	69.36	-0.545	30.2	29.71	26.505	194.88	0		
"2015-02-13	19:00:00"	3.3	49.53	23.39	5.175	1.886	53.48	25.53	3.386	65.32	64.03	1.294	34.59	35.69	26.496	22.138	0		
"2015-02-13	20:00:00"	4.189	72.55	20.88	6.964	2.658	75.03	22.06	4.578	59.88	55.17	4.706	41.88	46.62	26.475	0	0		
"2015-02-13	21:00:00"	6.852	75.6	11.41	9.95	3.748	65.85	18.03	5.771	56.06	52.23	3.838	49.52	52.22	26.463	0	0		
"2015-02-13	22:00:00"	7.703	83.2	8.37	9.95	4.055	66.87	12.04	6.964	55.25	50.81	4.436	52.52	55.53	26.463	0	0		
"2015-02-13	23:00:00"	6.325	81	14.24	8.16	3.673	65.5	11.71	5.771	53.33	49.88	3.449	57.46	58.77	26.463	0	0		
"2015-02-14	00:00:00"	6.801	113.6	7.259	8.16	3.169	87.8	11.4	4.578	51.88	48.08	3.808	61.96	62.83	26.463	0	0		
"2015-02-14	01:00:00"	3.93	156.7	37.17	8.16	1.732	83	78.92	3.982	50.3	46.41	3.891	66.05	66.86	26.456	0	0		
"2015-02-14	02:00:00"	1.721	121	22.98	2.789	1.345	51.47	11.45	2.193	48.44	46.22	2.221	70.59	68.09	26.448	0	0		
"2015-02-14	03:00:00"	1.806	160.6	23.72	4.578	1.466	55.73	33.1	3.386	47.81	45.33	2.483	72.96	70.27	26.447	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-14	04:00:00"	2.265	249.1	43.39	3.386	1.215	10.71	27.22	2.193	47.07	43.18	3.894	75.36	74.45	26.443	0	0		
"2015-02-14	05:00:00"	3.464	314.5	7.635	4.578	1	80	17.2	1	48.25	42.36	5.892	72.15	75.75	26.429	0	0		
"2015-02-14	06:00:00"	3.447	318.8	13.86	5.771	1.378	55.58	36.4	3.386	47.59	41.6	5.991	74.45	76.47	26.42	0	0		
"2015-02-14	07:00:00"	3.875	329.6	12.77	5.771	1.191	269.9	84.8	2.193	47.34	42.47	4.875	79.21	78.3	26.411	0	0		
"2015-02-14	08:00:00"	4.321	321.8	14.22	6.368	1.345	258.6	67.51	2.789	46.03	41.41	4.619	80.8	81.2	26.409	10.391	0		
"2015-02-14	09:00:00"	2.632	271.5	35.76	6.368	2.198	222.4	71.71	5.771	50.23	48.97	1.262	73.41	70.94	26.441	147.2	0		
"2015-02-14	10:00:00"	4.675	296.8	17.18	6.964	3.942	297.3	19.47	6.368	58.21	58.36	-0.151	59.78	57.01	26.492	339.17	0		
"2015-02-14	11:00:00"	5.281	216.1	26.61	9.35	4.147	218.1	30.65	8.75	63.88	64.42	-0.536	49.49	47.2	26.536	515.48	0		
"2015-02-14	12:00:00"	7.408	207	20.97	12.93	5.675	209.7	22.79	11.14	66.35	67.14	-0.794	43.3	41.63	26.559	641.54	0		
"2015-02-14	13:00:00"	8.8	208.2	18.65	14.12	6.766	211.8	19.88	12.33	67.47	68.5	-1.03	41.3	39.76	26.548	714.5	0		
"2015-02-14	14:00:00"	8.35	196.9	24.57	15.31	6.342	202.3	30.66	12.33	68.91	69.93	-1.02	39.39	38.65	26.514	696.79	0		
"2015-02-14	15:00:00"	9.45	202.8	18.6	18.3	7.067	206.5	20.82	15.31	69.46	70.55	-1.091	36.85	36.21	26.485	613.06	0		
"2015-02-14	16:00:00"	11.06	190.7	19.03	18.89	7.897	194.4	22.55	14.12	69.84	71.26	-1.424	37.23	36.22	26.465	582.19	0		
"2015-02-14	17:00:00"	11	195.8	17.58	17.7	7.789	199.4	20.72	13.52	69.38	70.46	-1.08	36.72	36.05	26.45	364.31	0		
"2015-02-14	18:00:00"	12.1	192.1	10.37	19.49	8.07	195.6	14.91	13.52	68.45	69.17	-0.716	38.26	37.82	26.441	191.78	0		
"2015-02-14	19:00:00"	8.44	184.8	9.32	11.74	4.468	183.8	17.19	9.95	63.29	61.9	1.399	47.79	48.24	26.423	8.1748	0		
"2015-02-14	20:00:00"	7.319	165.6	5.954	9.35	2.912	158.3	10.8	4.578	57.86	54.68	3.182	58.55	59.91	26.392	0	0		
"2015-02-14	21:00:00"	6.571	156	5.016	8.75	2.426	138.5	10.7	3.982	55.48	52.51	2.969	64.65	65.34	26.369	0	0		
"2015-02-14	22:00:00"	6.361	154.4	7.605	8.16	2.376	133.3	17.75	3.982	53.92	50.8	3.126	68.1	68.78	26.354	0	0		
"2015-02-14	23:00:00"	6.122	169.1	9.8	9.95	2.724	172.8	18.36	5.175	53.57	51.76	1.803	68.91	67.75	26.342	0	0		
"2015-02-15	00:00:00"	4.506	186.4	9.9	8.16	1.963	200.6	16.59	3.982	52.53	50.82	1.714	72.39	70.19	26.326	0	0		
"2015-02-15	01:00:00"	4.657	186.3	8	6.368	2.154	193	12.48	3.982	52.19	50.31	1.878	75.72	73.23	26.306	0	0		
"2015-02-15	02:00:00"	5.233	185.4	6.659	8.16	2.356	186.6	11.41	4.578	50.68	48.8	1.879	80.6	77.13	26.286	0	0		
"2015-02-15	03:00:00"	7.596	191.6	9.4	10.54	4.288	195.1	15.08	7.561	50.38	49.28	1.099	85.2	80.4	26.268	0	0		
"2015-02-15	04:00:00"	5.344	193.9	11.03	10.54	2.465	203	24.96	6.368	49.31	47.82	1.489	88.8	83.3	26.255	0	0		
"2015-02-15	05:00:00"	4.99	201.3	14.45	6.368	2.017	203	29.04	3.386	48.07	45.57	2.502	92.9	87.2	26.232	0	0		
"2015-02-15	06:00:00"	3.996	197.9	11.89	5.771	1.44	210.1	48.55	2.789	47.24	45.03	2.216	96.4	89.8	26.215	0	0		
"2015-02-15	07:00:00"	4.715	200.2	7.878	7.561	1.719	203.7	17	3.982	47.28	45.65	1.628	97.8	90.7	26.21	0	0		
"2015-02-15	08:00:00"	6.173	209.9	16.05	9.95	3.81	216.6	17.78	6.368	48.9	48.27	0.632	96.1	91.2	26.217	3.4503	0		
"2015-02-15	09:00:00"	4.246	252	13.65	7.561	2.922	259.4	15.67	6.368	49.18	48.84	0.331	95.4	90.4	26.227	93.684	0		
"2015-02-15	10:00:00"	8.86	211.6	10.15	15.31	6.506	214.7	13.49	12.33	55.99	56.7	-0.707	80.4	74.54	26.244	342.99	0		
"2015-02-15	11:00:00"	11.9	218.3	11.52	18.89	8.72	219.4	13.44	16.51	62.17	63.16	-0.985	64.54	60.38	26.27	501.99	0		
"2015-02-15	12:00:00"	14.25	224.5	16.84	24.26	10.83	225	18.26	18.3	66.39	67.19	-0.805	54.91	52.67	26.278	606.28	0		
"2015-02-15	13:00:00"	15.96	211.4	13.32	24.26	11.42	213.3	15.84	20.68	69.78	71.28	-1.504	47.48	45.68	26.26	703.73	0		
"2015-02-15	14:00:00"	15.33	220.4	14.66	23.07	11.35	221.7	16.27	19.49	71.77	73.04	-1.275	43.07	42.46	26.233	702.69	0		
"2015-02-15	15:00:00"	13.28	226.4	17.48	23.07	10.19	227.6	19.08	17.7	74.1	75.17	-1.07	37.67	38.14	26.202	652.44	0		
"2015-02-15	16:00:00"	11.86	224.6	16.95	20.68	9.08	225.1	18.44	17.7	75.53	76.37	-0.841	34.85	35.54	26.185	524.31	0		
"2015-02-15	17:00:00"	11.1	233	20.87	20.09	8.78	233.1	20.68	17.7	75.98	76.57	-0.588	33.12	33.99	26.173	359.46	0		
"2015-02-15	18:00:00"	10.35	249.7	15.01	15.31	8.41	248.2	16.75	14.12	75.91	76.08	-0.171	29.33	30.45	26.163	190	0		
"2015-02-15	19:00:00"	6.41	224.7	11.89	12.93	3.737	220.1	17.4	11.14	72.06	70.46	1.596	33.76	36.38	26.153	25.635	0		
"2015-02-15	20:00:00"	3.89	192.6	16.32	5.771	1.435	117.7	46.24	2.789	66.56	62.64	3.916	43.3	47.87	26.132	0	0		
"2015-02-15	21:00:00"	5.912	253	53.58	34.4	3.9	358.3	63.31	29.63	63.03	59.8	3.233	47.44	51.03	26.121	0	0		
"2015-02-15	22:00:00"	25.62	35.15	11.23	36.78	14.82	32.04	13.08	31.42	45.81	45.97	-0.159	63.03	57.29	26.138	0	0		
"2015-02-15	23:00:00"	23.97	37.94	9.93	36.19	13.32	34.17	11.7	27.24	40.61	40.75	-0.141	62.52	56.43	26.128	0	0		
"2015-02-16	00:00:00"	22.18	31.14	11.19	33.21	13.25	28.78	12.68	26.05	38.03	38.16	-0.137	55.6	49.98	26.152	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-16	01:00:00"	20.95	23.34	10.07	32.01	14.34	21.01	12.23	27.24	33.83	34.08	-0.248	60.3	53.18	26.168	0	0		
"2015-02-16	02:00:00"	20.87	26.65	12.87	30.82	13.52	25.01	14.46	27.84	32.98	33.19	-0.211	61.91	54.59	26.169	0	0		
"2015-02-16	03:00:00"	18.13	15.4	15.51	27.84	12.51	13.82	17.53	23.07	32.83	33.14	-0.308	60.08	52.92	26.194	0	0		
"2015-02-16	04:00:00"	16.8	7.9	12.78	27.84	12.49	5.643	16.23	21.87	32.27	32.65	-0.379	62.6	54.89	26.215	0	0		
"2015-02-16	05:00:00"	14.74	8.01	11.98	22.47	10.86	6.249	15.49	18.3	31.45	31.68	-0.224	64.66	56.8	26.216	0	0		
"2015-02-16	06:00:00"	11.92	7.695	13.32	20.09	8.78	5.603	14.1	16.51	31.03	31.19	-0.164	66.05	58.13	26.216	0	0		
"2015-02-16	07:00:00"	10.38	1.583	13.49	16.51	7.683	358.2	15.22	12.93	31.09	31.26	-0.173	66.69	58.78	26.235	0	0		
"2015-02-16	08:00:00"	8.46	357	13.9	13.52	6.303	353.8	13.97	11.14	30.74	30.85	-0.111	67.58	59.7	26.252	5.2295	0		
"2015-02-16	09:00:00"	8.11	346.5	18.24	19.49	6.275	344.7	19.07	14.72	31.62	31.98	-0.36	66.56	58.87	26.265	137.6	0		
"2015-02-16	10:00:00"	13.69	0.019	15.25	21.28	10.43	357.6	16.62	17.1	34.16	35.02	-0.861	61.81	54.35	26.291	300.39	0		
"2015-02-16	11:00:00"	13.11	7.533	14.67	19.49	9.59	5.462	18.51	16.51	35.15	36.15	-0.996	62.13	54.46	26.316	392.64	0		
"2015-02-16	12:00:00"	11.52	14.41	16.43	17.7	8.22	12.3	19.21	15.91	38.51	39.78	-1.264	57.62	50.97	26.329	595.5	0		
"2015-02-16	13:00:00"	10.95	24.41	16.12	21.28	7.557	22.72	17.39	16.51	41.82	42.98	-1.158	52.59	47.19	26.326	660.83	0		
"2015-02-16	14:00:00"	9.95	42.98	20.72	18.3	6.718	38.29	22.5	15.31	45.06	46.55	-1.496	47.39	42.78	26.305	719.46	0		
"2015-02-16	15:00:00"	10.01	43.98	20.15	17.1	6.673	40.33	22.31	12.93	46.31	47.86	-1.545	45.11	40.79	26.273	672.59	0		
"2015-02-16	16:00:00"	8.38	59.09	24.85	14.12	5.904	54.97	31.15	11.74	48.2	49.63	-1.427	42.35	38.63	26.263	579.53	0		
"2015-02-16	17:00:00"	6.942	62.49	27.77	14.12	5.081	59.39	32.43	12.33	49.25	50.31	-1.057	41.03	37.96	26.263	406.25	0		
"2015-02-16	18:00:00"	8.21	91.1	21.16	15.31	5.946	90.1	26.44	11.74	48.37	49.49	-1.119	42.7	38.89	26.26	206.16	0		
"2015-02-16	19:00:00"	8.67	103.8	9.99	12.93	5.971	103.6	14.77	9.95	44.77	44.56	0.21	49.13	45.35	26.246	27.595	0		
"2015-02-16	20:00:00"	10.87	115.3	7.376	17.1	7.138	114.7	13.8	13.52	41.93	41.52	0.402	55.56	51.1	26.224	0	0		
"2015-02-16	21:00:00"	14.37	117.2	8.06	21.28	9.45	117.1	14.17	15.91	40.2	39.9	0.3	58.66	53.45	26.218	0	0		
"2015-02-16	22:00:00"	11.33	102.4	26.61	18.3	7.8	101.5	30.33	13.52	39.45	39.42	0.031	59.53	53.94	26.253	0	0		
"2015-02-16	23:00:00"	11.69	101.1	14.38	23.66	8.06	100.7	20.46	16.51	38.32	38.19	0.128	67.45	61.81	26.279	0	0		
"2015-02-17	00:00:00"	15.23	111.4	17.31	28.43	10.37	110.4	22.79	23.07	36.64	36.59	0.05	73.41	66.39	26.271	0	0		
"2015-02-17	01:00:00"	10.31	101.5	12.61	19.49	7.139	100.5	17.98	14.72	34.39	34.41	-0.026	83.6	74.04	26.305	0	0.01		
"2015-02-17	02:00:00"	10.17	95.1	9.09	17.1	7.153	94.8	15.86	12.93	31.5	31.54	-0.042	97.3	85.9	26.304	0	0.02		
"2015-02-17	03:00:00"	9.87	90.2	10.41	15.31	6.768	89.1	16.99	14.12	31.39	31.45	-0.066	97.1	86.7	26.302	0	0.01		
"2015-02-17	04:00:00"	9.84	91	9.97	17.1	6.684	90.5	16.76	12.93	31.17	31.26	-0.094	95.9	85.5	26.31	0	0		
"2015-02-17	05:00:00"	8.75	89.6	10.11	12.93	5.961	88.5	16.61	10.54	31.27	31.4	-0.13	95.6	84.8	26.313	0	0		
"2015-02-17	06:00:00"	6.446	99.8	10.38	9.95	4.68	99.2	15.86	7.561	31.28	31.38	-0.107	95.5	84.5	26.318	0	0		
"2015-02-17	07:00:00"	6.509	87.9	17.45	9.95	4.351	84.3	23.03	7.561	31.51	31.64	-0.123	94.6	83.9	26.331	0	0		
"2015-02-17	08:00:00"	4.674	135.1	24.44	6.964	3.172	137.1	28.98	5.175	31.85	31.9	-0.048	93.6	83.4	26.345	3.8729	0		
"2015-02-17	09:00:00"	2.604	164.2	22.01	6.368	1.938	168.2	29.25	4.578	32.48	32.48	0.001	91.3	82.1	26.362	33.84	0		
"2015-02-17	10:00:00"	3.508	204.2	46.06	6.964	2.693	209.7	47.45	5.771	33.9	33.97	-0.073	85	78.87	26.377	124.19	0		
"2015-02-17	11:00:00"	5.559	240.5	18.38	9.95	4.533	239.3	21.07	8.16	35.07	35.27	-0.201	81.1	74.75	26.391	218.2	0		
"2015-02-17	12:00:00"	7.336	228.4	21.76	13.52	5.519	227.7	23.51	10.54	37.94	38.65	-0.714	74.72	68.07	26.405	429.38	0		
"2015-02-17	13:00:00"	8.3	260.8	18.72	13.52	5.998	255.7	23.85	11.74	38.52	39.28	-0.76	73.15	66.04	26.409	252.49	0		
"2015-02-17	14:00:00"	8.6	267.2	18.02	14.72	7.05	264.2	22.11	11.74	40.07	40.73	-0.655	69.7	63.33	26.386	353.84	0		
"2015-02-17	15:00:00"	7.898	292.6	21.1	13.52	6.554	293.8	25.33	12.93	41.68	42.32	-0.643	64.6	59.11	26.371	328.53	0		
"2015-02-17	16:00:00"	7.152	293.5	28.4	18.89	5.796	295.2	32.18	18.3	44.22	44.88	-0.664	58.04	53.85	26.366	449.59	0		
"2015-02-17	17:00:00"	6.705	312.5	43.28	13.52	5.567	309.8	40.49	11.74	46.59	47.36	-0.772	52.97	49.42	26.379	463.85	0		
"2015-02-17	18:00:00"	5.265	305.7	42.52	11.74	4.235	306.6	47.52	11.14	46.9	47.64	-0.742	51.45	47.98	26.383	222.11	0		
"2015-02-17	19:00:00"	3.498	170.8	43.64	6.368	2.441	158.5	42.99	5.175	44.67	43.77	0.904	55.43	53.21	26.376	28.9	0		
"2015-02-17	20:00:00"	5.025	138.7	13.78	8.16	2.45	111.4	17.78	3.982	41.75	37.65	4.101	60.91	65.28	26.351	0	0		
"2015-02-17	21:00:00"	6.622	159.3	11.97	8.75	2.424	143.9	20.95	3.982	38.37	34.15	4.218	68.32	70.74	26.343	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-17	22:00:00"	6.858	171.2	12.59	9.95	2.696	153.9	28.37	4.578	35.49	32.47	3.024	77.31	75.08	26.339	0	0		
"2015-02-17	23:00:00"	5.075	177.5	15.65	7.561	1.784	180	28.54	3.386	33.77	31.36	2.413	82.5	77.92	26.339	0	0		
"2015-02-18	00:00:00"	5.097	201.4	11.34	7.561	2.112	195.3	25.66	3.982	33.23	30.6	2.634	84.7	80	26.34	0	0		
"2015-02-18	01:00:00"	4.299	190.9	23.05	6.964	1.966	179	51.35	3.982	32.29	30.28	2.01	88	81.5	26.327	0	0		
"2015-02-18	02:00:00"	3.354	186.2	15.08	5.175	1.152	173.5	73.37	2.193	32.07	29.86	2.211	89.6	83.3	26.307	0	0		
"2015-02-18	03:00:00"	4.252	220.4	44.54	7.561	1.829	250.4	66.71	3.386	31.39	28.74	2.654	90.5	83.9	26.292	0	0		
"2015-02-18	04:00:00"	3.901	233.2	15.38	5.771	1.312	240.8	81.5	2.789	30.46	27.1	3.364	93.6	84.4	26.279	0	0		
"2015-02-18	05:00:00"	3.961	194.9	36.37	8.16	1.938	205	78.38	3.982	30.32	27.87	2.456	93.6	85.8	26.275	0	0		
"2015-02-18	06:00:00"	4.805	204.6	14.43	8.75	2.021	200.3	44.78	5.175	30.29	28.17	2.12	90.4	84.7	26.272	0	0		
"2015-02-18	07:00:00"	4.429	204.5	17.67	8.16	1.908	196.8	73.28	3.982	30.06	27.48	2.577	90.4	83.8	26.271	0	0		
"2015-02-18	08:00:00"	3.377	167.4	26.07	5.771	1.626	92.4	72.89	2.789	30.65	27.98	2.665	89.8	84.7	26.284	13.669	0		
"2015-02-18	09:00:00"	5.528	217.2	10.67	8.75	3.602	226.3	21.1	6.964	34.01	33.85	0.158	84.4	77.8	26.299	176.78	0		
"2015-02-18	10:00:00"	7.816	205.7	11.13	11.14	5.796	209.1	15	9.35	38.34	39.04	-0.701	80.6	73.13	26.332	380.8	0		
"2015-02-18	11:00:00"	8.51	213.8	12.07	13.52	6.453	216.1	14.61	11.14	44.22	45.17	-0.948	64.35	58.68	26.37	553.26	0		
"2015-02-18	12:00:00"	10.05	235.2	13.47	14.72	8.05	234.7	15.21	13.52	51.5	52.09	-0.59	49.98	47.37	26.399	680.26	0		
"2015-02-18	13:00:00"	9.49	245.3	18.04	16.51	7.723	244.7	20.15	13.52	58.98	59.5	-0.521	35.71	35.25	26.414	747.26	0		
"2015-02-18	14:00:00"	8.61	287.8	34.3	17.7	7.025	290.5	38.04	16.51	64.27	64.88	-0.607	22.07	21.42	26.42	752.77	0		
"2015-02-18	15:00:00"	10.86	316.3	21.65	20.68	9.04	319	23.79	18.89	66.06	66.75	-0.691	12.45	10.55	26.414	701.66	0		
"2015-02-18	16:00:00"	10.77	329.7	18	20.09	8.7	331.6	20.08	16.51	66.33	67	-0.676	13.95	11.99	26.416	584.05	0		
"2015-02-18	17:00:00"	9.96	339.4	23.55	17.1	8.08	339.6	24.44	15.31	66.39	66.95	-0.559	14.77	12.85	26.411	415.25	0		
"2015-02-18	18:00:00"	9.51	11.44	24.08	15.31	6.686	10.29	24.25	12.93	65.26	65.81	-0.545	15.65	13.71	26.419	218.04	0		
"2015-02-18	19:00:00"	7.491	40.64	13.02	12.93	4.258	41.21	15.55	9.95	61.17	60.17	0.995	20.12	19.26	26.418	31.51	0		
"2015-02-18	20:00:00"	9.56	66.29	9.5	15.91	5.264	65.67	14.26	11.74	54.67	52.04	2.625	28.56	29.62	26.405	0	0		
"2015-02-18	21:00:00"	10.93	76.61	7.468	15.31	6.27	70	14.87	9.95	49.15	47.83	1.321	44.54	43.19	26.4	0	0		
"2015-02-18	22:00:00"	11.61	82.3	7.122	15.31	6.579	80.4	15.72	11.14	47.59	46.4	1.199	50.49	48.61	26.407	0	0		
"2015-02-18	23:00:00"	13.16	80.2	8.09	20.09	7.78	76.44	16.38	14.72	45.72	44.76	0.961	54.59	51.76	26.411	0	0		
"2015-02-19	00:00:00"	10.61	81.1	8.95	15.91	6.297	77.91	16.92	11.14	43.33	42.45	0.883	59.57	55.83	26.413	0	0		
"2015-02-19	01:00:00"	7.282	76.02	16.81	10.54	4.094	70.33	30.23	6.964	40.37	39.22	1.148	65.62	61.46	26.411	0	0		
"2015-02-19	02:00:00"	6.129	75.82	21.39	9.95	3.579	63.76	35.95	6.964	39.09	37.5	1.595	68.2	64.54	26.391	0	0		
"2015-02-19	03:00:00"	8.32	73.53	6.415	11.74	4.761	65.55	13.41	8.16	39.77	38.12	1.647	66.62	63.63	26.375	0	0		
"2015-02-19	04:00:00"	6.303	60.13	10.38	9.95	3.406	57.05	14.06	6.964	40.33	38.56	1.772	66.2	63.61	26.361	0	0		
"2015-02-19	05:00:00"	6.108	74.09	8.99	8.75	3.555	62.73	9.48	5.771	41.24	38.65	2.586	64.44	64.35	26.348	0	0		
"2015-02-19	06:00:00"	7.416	71.05	6.353	9.95	4.188	65.25	13.36	7.561	39.08	37.44	1.644	69.38	66.28	26.336	0	0		
"2015-02-19	07:00:00"	5.834	105.1	24.6	8.16	3.101	77.13	24.74	5.175	38.61	36.2	2.407	70.85	68.28	26.32	0	0		
"2015-02-19	08:00:00"	3.917	187.9	14.51	6.368	1.428	196.1	33.57	2.789	38.44	35.89	2.551	70.68	68.7	26.316	13.017	0		
"2015-02-19	09:00:00"	5.713	174.4	20.12	15.31	3.429	173.9	35.28	11.74	42.37	42.87	-0.502	63.92	58.2	26.329	171.89	0		
"2015-02-19	10:00:00"	12.67	176.8	10.31	18.3	8.4	180.7	16.34	14.12	47.82	48.85	-1.032	53.89	48.91	26.361	369.64	0		
"2015-02-19	11:00:00"	11.16	195.1	14.8	17.1	8.03	198.3	18.67	12.93	52.85	54.1	-1.251	47.43	43.48	26.393	546.58	0		
"2015-02-19	12:00:00"	11.18	198.5	13.56	17.7	8.25	202.5	16.8	13.52	57.15	58.57	-1.415	42.27	39.38	26.408	677.47	0		
"2015-02-19	13:00:00"	11.16	198.5	15.78	18.3	8.12	202.2	18.47	15.91	62.72	64.23	-1.508	35.62	33.83	26.396	750.15	0		
"2015-02-19	14:00:00"	11.74	208.5	15.06	19.49	8.69	211	17.76	14.72	66.24	67.57	-1.324	30.88	29.6	26.374	680.36	0		
"2015-02-19	15:00:00"	11.76	219.2	14.77	18.89	8.88	220.4	15.94	15.31	67.78	68.7	-0.916	27.79	26.95	26.338	589.44	0		
"2015-02-19	16:00:00"	11.32	217.5	14.12	19.49	8.45	218.6	16.2	14.72	70.17	71.2	-1.031	25.58	24.72	26.314	593.99	0		
"2015-02-19	17:00:00"	11.59	201	14.24	19.49	8.24	203.3	17.22	15.31	71.03	72.2	-1.171	26.73	25.82	26.298	431.02	0		
"2015-02-19	18:00:00"	10.75	200.7	9.1	19.49	7.077	203.6	13.52	13.52	70.35	70.52	-0.171	27.11	27.11	26.277	144.14	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-19	19:00:00"	7.83	171.3	14.75	11.74	3.615	163.9	24.28	8.75	64.74	62.28	2.46	33.27	35.56	26.247	14.41	0		
"2015-02-19	20:00:00"	6.507	154.2	6.963	9.95	2.689	123.4	16.81	3.982	59.38	55.26	4.117	39.52	43.69	26.206	0	0		
"2015-02-19	21:00:00"	7.882	167.9	15.55	12.93	3.374	166.5	30.1	7.561	56.5	53.51	2.995	47.03	49.02	26.192	0	0		
"2015-02-19	22:00:00"	5.567	200.1	7.735	8.75	2.339	214.1	15.9	5.175	52.91	50.53	2.381	58.34	58.05	26.18	0	0		
"2015-02-19	23:00:00"	7.206	209.1	6.849	11.74	3.403	217.8	12.5	6.964	51.18	48.19	2.99	63.23	63.48	26.162	0	0		
"2015-02-20	00:00:00"	5.704	217.1	10.77	8.16	2.794	236.6	23.57	4.578	48.86	46.33	2.525	68.47	67.02	26.145	0	0		
"2015-02-20	01:00:00"	6.554	223.9	12.28	10.54	3.363	241	29.13	5.771	47.52	45.03	2.489	72.09	70.19	26.126	0	0		
"2015-02-20	02:00:00"	4.466	243.8	13.4	5.771	2.173	292.1	18.13	3.386	46.42	42.87	3.549	75.52	74.12	26.101	0	0		
"2015-02-20	03:00:00"	5.505	242.5	5.235	6.964	2.113	274.9	13.15	3.386	45.37	41.19	4.179	78.68	77.67	26.084	0	0		
"2015-02-20	04:00:00"	4.76	240.9	10.66	6.368	2.056	291.5	20.37	3.982	43.9	40.44	3.458	82.3	80.1	26.059	0	0		
"2015-02-20	05:00:00"	5.9	242.7	7.576	7.561	2.215	261.7	22.57	3.982	43.06	39.37	3.684	85	81.7	26.054	0	0		
"2015-02-20	06:00:00"	5.863	265.7	18.82	7.561	2.355	290.8	21.58	3.982	41.9	38.41	3.495	87.6	84.2	26.05	0	0		
"2015-02-20	07:00:00"	5.387	262.7	9.11	7.561	2.057	277	20.56	3.982	42.65	39.21	3.445	86.7	84.4	26.047	0	0		
"2015-02-20	08:00:00"	3.793	253.5	13.14	6.368	1.277	265.6	44.15	2.789	42.82	39.64	3.189	86.4	84.5	26.046	15.889	0		
"2015-02-20	09:00:00"	4.659	246.6	10.58	8.16	3.291	252.3	21.14	6.964	46.45	46.26	0.19	79.67	74.52	26.066	178.71	0		
"2015-02-20	10:00:00"	7.391	218.9	13.29	9.95	5.67	220.4	15.53	9.35	53.45	53.92	-0.469	56.31	53.57	26.124	374.92	0		
"2015-02-20	11:00:00"	7.038	236.9	15.97	11.14	5.639	237.7	18.03	10.54	64.13	64.36	-0.231	32.32	32.66	26.16	567.4	0		
"2015-02-20	12:00:00"	10.34	262.1	18.46	21.87	8.5	260.6	21.33	18.89	73.59	74.05	-0.462	15.29	15.12	26.188	664.9	0		
"2015-02-20	13:00:00"	14.54	264.9	11.77	20.68	11.7	263.2	14.63	18.3	74.8	75.46	-0.653	12.45	11.66	26.191	545.91	0		
"2015-02-20	14:00:00"	15.5	260.2	13.61	23.07	12.67	259.2	15.95	20.09	75.62	76.42	-0.801	10.67	9.45	26.159	617.11	0		
"2015-02-20	15:00:00"	14.93	255.1	10.24	22.47	12.09	253.6	13.24	18.3	74.36	74.56	-0.202	10.19	8.87	26.127	316.66	0		
"2015-02-20	16:00:00"	14.11	251.9	12.41	20.68	11.34	250.8	15.2	18.89	75.98	76.22	-0.239	8.17	6.655	26.107	374.02	0		
"2015-02-20	17:00:00"	14.47	228.5	11.85	25.45	10.79	228.6	13.58	18.3	75.97	76.05	-0.082	8.57	7.034	26.092	287.36	0		
"2015-02-20	18:00:00"	11.83	239.3	13.37	18.3	9.12	238.6	13.9	14.72	74.13	73.66	0.466	8.56	7.084	26.085	90.013	0		
"2015-02-20	19:00:00"	10.74	243.1	10.15	16.51	8.05	241.2	11.43	14.12	71.11	70.28	0.827	9.71	8.07	26.079	11.087	0		
"2015-02-20	20:00:00"	9.61	236	14.58	18.89	6.591	233.4	15.48	14.72	67.26	65.87	1.388	13.91	12.68	26.071	0	0		
"2015-02-20	21:00:00"	11.66	268.3	11.77	17.7	8.55	266.8	14.17	14.12	66.49	65.57	0.915	16.39	15.06	26.074	0	0		
"2015-02-20	22:00:00"	9.76	283.5	7.59	14.12	7.076	286.7	10.71	11.74	64.03	62.93	1.107	19.2	18.09	26.08	0	0		
"2015-02-20	23:00:00"	7.658	288.4	14.14	12.93	4.433	286.3	21.1	9.35	60.95	58.38	2.568	22.28	22.7	26.071	0	0		
"2015-02-21	00:00:00"	11.76	271.3	9.25	17.7	8.48	268.6	11.81	14.12	63.26	62	1.263	19.3	18.38	26.063	0	0		
"2015-02-21	01:00:00"	13.76	275.7	11.12	21.28	10.31	274.6	14.68	17.7	63.84	62.95	0.884	18.46	17.05	26.08	0	0		
"2015-02-21	02:00:00"	11.39	284.2	7.885	20.68	8.55	284.8	11.52	15.31	63.2	62.35	0.855	19.4	17.95	26.094	0	0		
"2015-02-21	03:00:00"	12.6	314.5	29.01	30.82	9.39	316.3	28.27	29.63	60.76	59.99	0.771	23.52	22.06	26.111	0	0		
"2015-02-21	04:00:00"	19.07	17.38	10.59	30.22	13.72	16.81	13.65	26.05	49.87	49.95	-0.079	50.74	46.81	26.131	0	0		
"2015-02-21	05:00:00"	14.23	23.58	10.22	22.47	9.48	22.18	12.17	18.89	46.76	46.76	0	57.25	52.49	26.134	0	0		
"2015-02-21	06:00:00"	14.25	31.53	9.66	20.68	8.29	29.34	10.93	15.91	45.06	45.03	0.024	61.24	55.9	26.139	0	0		
"2015-02-21	07:00:00"	13.92	37.54	9.32	21.87	7.527	34.56	10.81	15.31	44.31	44.22	0.097	64.2	58.61	26.149	0	0		
"2015-02-21	08:00:00"	9.98	30.67	11.3	15.31	5.973	28.67	12.46	11.74	42.57	42.4	0.169	68.63	62.45	26.16	8.9105	0		
"2015-02-21	09:00:00"	10.44	25.31	11.54	17.7	6.691	24.43	13.2	15.31	44.25	44.57	-0.321	66.43	60.57	26.188	172.27	0		
"2015-02-21	10:00:00"	12.28	37.85	12	18.3	7.067	34.88	13.32	14.72	47.03	47.77	-0.743	61.59	56.06	26.229	326.9	0		
"2015-02-21	11:00:00"	8.28	61.08	24	14.72	5.672	55.57	28.84	11.74	50.98	52.21	-1.233	54.75	50.1	26.262	548.39	0		
"2015-02-21	12:00:00"	6.998	95.9	30.98	14.12	5.319	93.1	36.97	14.12	55.18	56.44	-1.261	47.16	43.7	26.276	675.54	0		
"2015-02-21	13:00:00"	5.914	124.4	62.17	14.12	4.513	122.8	69.11	11.14	59.02	59.88	-0.863	41.46	39.57	26.281	738.87	0		
"2015-02-21	14:00:00"	7.195	122.8	39.36	14.12	5.37	125.6	45.59	11.74	59.59	60.74	-1.15	40.31	38.15	26.241	594.7	0		
"2015-02-21	15:00:00"	8.27	164.2	37.71	18.89	5.944	168.4	43.17	14.72	62.47	63.85	-1.377	36.26	34.26	26.224	695.82	0		

WCS Meteorological Data

Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-21	16:00:00"	11.29	174.6	17.04	18.3	7.87	177.9	22.24	14.12	62.83	64.26	-1.431	35.46	33.37	26.213	474.75	0		
"2015-02-21	17:00:00"	11.44	158.4	17.31	16.51	7.534	161.1	22.44	13.52	63.04	63.98	-0.937	36.2	34.72	26.185	280.61	0		
"2015-02-21	18:00:00"	11.2	152.2	12.3	17.7	7.04	153	17.63	12.93	63.14	63.38	-0.238	36.17	35.53	26.173	126.9	0		
"2015-02-21	19:00:00"	8.56	129	8.42	12.93	4.834	127.7	14.47	8.75	60.24	59.38	0.859	43	42.98	26.166	19.249	0		
"2015-02-21	20:00:00"	7.658	121.3	8.37	10.54	3.769	113.8	14.8	6.368	55.65	53.69	1.958	51.73	51.85	26.156	0	0		
"2015-02-21	21:00:00"	8.2	111.4	10.12	11.14	4.899	106.7	15.58	8.16	54.12	52.91	1.211	55.78	54.4	26.145	0	0		
"2015-02-21	22:00:00"	10.86	110.9	10.37	15.91	6.874	107.7	16.79	12.33	53.08	52.13	0.946	57.16	55.05	26.142	0	0		
"2015-02-21	23:00:00"	9.99	116.1	10.45	17.1	6.478	115.6	15.8	13.52	52.24	51.7	0.534	59.76	56.52	26.153	0	0		
"2015-02-22	00:00:00"	7.493	102	11.37	12.93	4.963	98.7	16.78	9.95	50.11	49.4	0.71	64.37	60.64	26.15	0	0		
"2015-02-22	01:00:00"	10.59	89.5	9.05	16.51	6.819	88.3	15.6	11.14	47.72	47.16	0.568	70.2	65.22	26.141	0	0		
"2015-02-22	02:00:00"	13.41	78.04	10.61	23.66	8.65	74.43	17.26	15.91	46.24	45.92	0.315	74.61	68.47	26.133	0	0		
"2015-02-22	03:00:00"	13.15	73.52	9.11	18.89	8.44	69.15	15.92	14.72	43.79	43.6	0.192	79.62	72.36	26.13	0	0		
"2015-02-22	04:00:00"	14.84	70.1	8.23	21.28	9.82	66.14	14.84	16.51	42.44	42.43	0.013	82.6	74.48	26.127	0	0		
"2015-02-22	05:00:00"	16.98	68.36	9.04	26.65	11.23	64.19	14.77	21.87	41.77	41.83	-0.062	85.1	76.48	26.135	0	0		
"2015-02-22	06:00:00"	16.45	73.33	23.03	27.24	10.74	69.86	27.41	21.28	41.46	41.54	-0.072	86.9	78.09	26.137	0	0		
"2015-02-22	07:00:00"	15.44	69.73	11	24.26	10.11	66.07	16.7	18.3	41.2	41.23	-0.03	88.2	79.29	26.161	0	0		
"2015-02-22	08:00:00"	16.76	49.32	12.93	28.43	9.81	46.03	15.68	20.68	41.83	41.9	-0.076	87.7	78.94	26.209	4.1245	0		
"2015-02-22	09:00:00"	20.57	44.81	11.42	32.01	11.6	41.12	14.32	24.26	41.41	41.62	-0.211	88	78.95	26.256	48.472	0		
"2015-02-22	10:00:00"	21.58	42.01	10.68	34.4	11.66	38.12	12.53	24.26	39.41	39.69	-0.285	88.4	78.82	26.291	57.007	0		
"2015-02-22	11:00:00"	18.38	41.79	11.26	29.03	10.38	37.97	13.83	22.47	39.45	39.78	-0.331	91.7	81.7	26.335	91.571	0		
"2015-02-22	12:00:00"	19.92	44.65	10.07	30.82	11.01	40.54	12.64	22.47	39.78	40.26	-0.475	90.5	81	26.354	151.44	0		
"2015-02-22	13:00:00"	21.24	50.49	10.88	30.22	12.46	46.93	15.1	25.45	38.63	39.17	-0.538	89.5	79.39	26.374	124.54	0		
"2015-02-22	14:00:00"	21.26	40.13	15.24	33.21	12.81	37.98	16.97	27.84	34.64	35.03	-0.393	92.1	82.1	26.369	106.51	0		
"2015-02-22	15:00:00"	20.03	30.39	10.7	29.63	12.02	28.59	11.98	25.45	30.29	30.66	-0.37	92	82.2	26.358	147.02	0		
"2015-02-22	16:00:00"	20.32	29.05	10.9	30.22	12.59	27.09	12.14	24.86	27.65	28.01	-0.359	90.4	80.4	26.361	102.4	0		
"2015-02-22	17:00:00"	18.67	34.98	12.07	27.84	10.91	32.12	12.82	23.66	25.31	25.65	-0.348	89.3	78.65	26.371	67.369	0		
"2015-02-22	18:00:00"	18.08	37.46	9.74	26.65	10.23	33.9	11.58	21.28	24.27	24.59	-0.314	88.2	77.17	26.385	29.047	0		
"2015-02-22	19:00:00"	15.52	39.75	10.69	25.45	8.71	36.69	12.09	20.09	23.88	24.11	-0.235	89.7	78.5	26.407	4.7981	0		
"2015-02-22	20:00:00"	15.17	34.03	9.86	23.66	8.71	31.14	10.88	16.51	23.15	23.38	-0.234	91.5	80.3	26.418	0	0		
"2015-02-22	21:00:00"	15.37	41.01	11.05	23.66	8.8	37.4	13.09	20.68	22.23	22.43	-0.204	91.8	80.5	26.44	0	0		
"2015-02-22	22:00:00"	13.37	50.36	13.54	21.28	8.2	47.13	17.19	17.1	21.91	22.15	-0.241	92.8	81.1	26.472	0	0		
"2015-02-22	23:00:00"	14.3	42.15	11.08	20.68	8.22	37.82	13.26	16.51	21.32	21.53	-0.21	92.1	80.6	26.478	0	0		
"2015-02-23	00:00:00"	13.79	40.18	11.03	20.68	8.02	36.21	13.14	17.7	21.09	21.3	-0.205	91.4	79.67	26.48	0	0		
"2015-02-23	01:00:00"	12.47	45.15	10.5	20.09	7.251	40.88	13.31	14.12	20.92	21.13	-0.216	91.7	79.93	26.486	0	0		
"2015-02-23	02:00:00"	12.09	43.26	10.99	17.7	6.97	38.78	13.35	14.12	20.7	20.94	-0.242	92	80.5	26.485	0	0		
"2015-02-23	03:00:00"	12.22	36.51	11.79	18.89	7.187	33.44	12.6	15.91	20.02	20.25	-0.223	91.4	79.83	26.486	0	0		
"2015-02-23	04:00:00"	13.18	32.86	10.4	20.68	7.814	30.22	11.53	17.7	19.26	19.5	-0.235	90.8	79.23	26.478	0	0		
"2015-02-23	05:00:00"	12.09	36.1	10.16	17.7	7.018	33.46	12.03	14.72	18.99	19.22	-0.227	91.3	79.59	26.478	0	0		
"2015-02-23	06:00:00"	12.16	36.6	11.21	19.49	7.207	33.07	11.87	15.31	18.67	18.89	-0.218	91.2	79.47	26.475	0	0		
"2015-02-23	07:00:00"	11.79	31.39	13.57	17.7	7.699	28.33	13.88	17.1	18.1	18.34	-0.237	90.2	78.72	26.498	0	0		
"2015-02-23	08:00:00"	10.01	38.91	13.24	15.31	6.504	35.69	14.81	12.33	17.97	18.21	-0.246	90.8	79.01	26.505	5.2014	0		
"2015-02-23	09:00:00"	10.14	56.04	11.07	15.31	6.669	51.42	15.99	13.52	18.18	18.54	-0.369	90.6	79.15	26.512	43.209	0		
"2015-02-23	10:00:00"	9.71	48.88	11.77	14.12	5.865	44.08	14.9	12.33	18.44	18.9	-0.456	89.7	78.55	26.535	68.983	0		
"2015-02-23	11:00:00"	9.67	48.65	13.84	14.72	6.163	44.45	16.56	11.74	18.79	19.35	-0.562	88.2	77.37	26.534	119.6	0		
"2015-02-23	12:00:00"	9.32	34.59	14.91	14.12	5.938	31.99	15.27	11.14	19.26	19.75	-0.494	85	75.06	26.532	160.99	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-23	13:00:00"	8.61	35.31	14.38	12.93	5.713	33.12	15.68	12.33	20	20.56	-0.559	82.7	73.42	26.513	223.21	0		
"2015-02-23	14:00:00"	8.23	38.68	14.34	12.33	5.316	35.43	15.91	9.95	20.43	21.09	-0.664	82.6	73.39	26.488	230.16	0		
"2015-02-23	15:00:00"	6.652	40.08	16.79	12.93	4.643	36.15	19	12.33	21.4	21.99	-0.591	82.1	72.81	26.449	205.38	0		
"2015-02-23	16:00:00"	5.529	37.18	19.44	8.16	3.963	34.05	22.07	8.16	22.24	22.85	-0.605	81.8	72.5	26.426	174.81	0		
"2015-02-23	17:00:00"	6.003	42.56	17.25	9.95	4.057	39.91	18.77	8.16	22.39	22.85	-0.456	83.4	73.43	26.41	95.931	0		
"2015-02-23	18:00:00"	4.734	51.87	21.09	7.561	3.305	49.05	25.98	7.561	22.48	22.87	-0.387	84.3	74.11	26.401	54.474	0		
"2015-02-23	19:00:00"	3.909	57.59	19.61	5.771	2.795	54.44	24.42	5.175	22.44	22.68	-0.244	85.4	74.95	26.39	8.1976	0		
"2015-02-23	20:00:00"	3.232	73.6	39.18	5.771	2.473	73.98	47.78	5.175	22.34	22.54	-0.201	86.6	75.82	26.389	0	0		
"2015-02-23	21:00:00"	3.231	92	47.56	5.771	2.428	92	49.64	4.578	22.38	22.54	-0.162	86.5	75.79	26.386	0	0		
"2015-02-23	22:00:00"	3.189	14.63	45.43	5.771	2.396	11.79	45.88	5.175	22.4	22.54	-0.138	86	75.26	26.387	0	0		
"2015-02-23	23:00:00"	2.586	137	31.26	5.175	1.925	134.8	32.61	4.578	22.48	22.64	-0.162	86.3	75.78	26.385	0	0		
"2015-02-24	00:00:00"	2.301	159.9	67.89	4.578	1.796	163.6	67.94	3.982	22.66	22.77	-0.104	86.4	75.69	26.368	0	0		
"2015-02-24	01:00:00"	2.724	199.1	35.96	5.771	2.145	203	35.39	4.578	22.64	22.77	-0.131	86.7	75.97	26.349	0	0		
"2015-02-24	02:00:00"	2.194	248.2	62.27	5.175	1.886	249.7	64.39	4.578	22.81	22.9	-0.091	86.7	75.99	26.331	0	0		
"2015-02-24	03:00:00"	3.735	279.4	39.46	6.368	3.125	276.4	43.22	5.175	22.83	23.06	-0.235	87	76.19	26.312	0	0		
"2015-02-24	04:00:00"	2.662	276.6	39.85	5.175	2.086	278.8	42.65	5.175	23.18	23.31	-0.133	86.3	75.63	26.297	0	0		
"2015-02-24	05:00:00"	3.174	315.4	37.49	6.368	2.576	316.1	44.4	5.175	23.35	23.49	-0.146	85.3	74.78	26.284	0	0		
"2015-02-24	06:00:00"	3.106	347	26.97	5.771	2.402	344.4	26.64	5.771	23.47	23.6	-0.126	84.4	73.88	26.28	0	0		
"2015-02-24	07:00:00"	3.168	330.1	27.17	7.561	2.569	326.1	27.83	6.368	23.67	23.81	-0.148	84.6	74.09	26.281	0	0		
"2015-02-24	08:00:00"	3.287	331.3	29.98	6.368	2.51	330.4	36.96	5.175	23.76	23.97	-0.21	83.9	73.53	26.282	12.806	0		
"2015-02-24	09:00:00"	6.372	300.6	12.29	9.35	5.424	300.8	15.25	8.75	24.49	24.77	-0.276	82.2	72.38	26.287	122.74	0		
"2015-02-24	10:00:00"	6.538	322	16.59	10.54	5.656	322.5	17.55	8.75	27.05	27.51	-0.466	78.18	69.21	26.294	315.65	0		
"2015-02-24	11:00:00"	5.482	324.5	34.52	10.54	4.874	323.7	35.14	9.95	31.2	31.74	-0.54	70.79	63.76	26.308	594.25	0		
"2015-02-24	12:00:00"	5.277	291.2	42.9	10.54	4.673	287.9	48.14	10.54	35.43	36.27	-0.84	63.41	56.81	26.309	731.9	0		
"2015-02-24	13:00:00"	4.45	332.1	74.13	9.35	3.703	322.7	69.59	9.35	40.97	41.11	-0.139	53.99	50.16	26.286	703.08	0		
"2015-02-24	14:00:00"	4.187	328.6	65.9	11.14	3.49	333.1	59.93	8.16	44.86	45.39	-0.524	47.62	45.05	26.254	734.48	0		
"2015-02-24	15:00:00"	5.767	218.7	47.1	11.74	4.494	223.6	49.88	11.14	45.95	46.6	-0.649	46.17	42.26	26.23	653.13	0		
"2015-02-24	16:00:00"	5.257	217.4	61.98	10.54	4.151	222	66.8	9.95	48.15	48.74	-0.587	43.25	40.19	26.203	613.45	0		
"2015-02-24	17:00:00"	4.539	193.1	49.93	8.75	3.643	197.4	54.9	7.561	46.21	46.57	-0.36	47.22	43.42	26.169	165.55	0		
"2015-02-24	18:00:00"	8.4	317.6	57.45	17.1	6.502	315.1	58.09	14.72	43.88	44.15	-0.267	52.15	47.69	26.155	40.801	0		
"2015-02-24	19:00:00"	9.8	8.66	13.66	16.51	7.29	6.998	15.79	11.74	42.64	42.74	-0.097	58.18	52.84	26.143	7.062	0		
"2015-02-24	20:00:00"	10.21	21.97	10.69	15.31	6.897	22.37	12.09	13.52	41.75	41.64	0.113	59.65	54.4	26.11	0	0		
"2015-02-24	21:00:00"	6.808	60.49	24.69	13.52	3.977	61.13	32.44	10.54	40.43	40.17	0.261	58	53.14	26.104	0	0		
"2015-02-24	22:00:00"	4.028	77.43	10.89	5.771	2.065	79.56	23.77	3.386	38.83	37.59	1.239	61.67	58.06	26.123	0	0		
"2015-02-24	23:00:00"	4.563	29.35	23.41	6.368	2.565	25.22	25.75	5.175	37.94	37	0.937	63.88	59.47	26.119	0	0		
"2015-02-25	00:00:00"	6.13	344.5	31.48	8.75	4.23	339.6	34.31	6.964	36.4	35.87	0.527	66.93	61.36	26.13	0	0		
"2015-02-25	01:00:00"	4.838	297.3	27.4	9.35	3.352	292	30.32	7.561	35.31	34.99	0.319	69.01	62.79	26.133	0	0		
"2015-02-25	02:00:00"	7.842	328.3	6.301	11.14	6.091	328.1	7.794	9.35	36.42	36.26	0.162	64.7	58.93	26.117	0	0		
"2015-02-25	03:00:00"	8.85	314.2	14.13	11.74	6.946	315.2	14.6	9.95	37.38	37.26	0.122	59.58	54.35	26.125	0	0		
"2015-02-25	04:00:00"	5.984	293.9	13.96	8.16	4.06	292.9	17.94	6.368	36.58	36.02	0.567	62.87	57.47	26.116	0	0		
"2015-02-25	05:00:00"	6.036	275.3	9.75	9.35	3.172	284.8	17.26	5.771	33.9	31.84	2.057	71.06	65.94	26.092	0	0		
"2015-02-25	06:00:00"	8.84	296.1	8.52	12.93	6.359	299	10.32	10.54	31.57	30.78	0.791	79.57	71.33	26.084	0	0		
"2015-02-25	07:00:00"	7.81	293.1	6.542	11.74	4.878	295.3	8.87	8.16	30.44	29.37	1.071	87	77.38	26.082	0	0		
"2015-02-25	08:00:00"	6.63	289.4	7.492	9.95	3.457	294.2	13.79	6.964	29.89	28.29	1.591	88.7	79.79	26.077	24.469	0		
"2015-02-25	09:00:00"	6.814	278.5	11.3	11.14	4.909	276.8	18.41	9.35	35.44	35.95	-0.509	77.6	69.36	26.081	205.78	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-25	10:00:00"	12.1	266.7	14.34	21.28	9.44	263.9	18.11	17.7	43.43	44	-0.568	52.48	48.45	26.108	414.54	0		
"2015-02-25	11:00:00"	16.36	265.6	11.96	23.07	12.69	262.6	15.02	20.68	47.9	48.75	-0.849	40.21	37.59	26.138	602.27	0		
"2015-02-25	12:00:00"	17.19	294.1	15.04	25.45	13.04	294.3	19.54	22.47	52.4	53.36	-0.955	34.76	32.53	26.142	732.48	0		
"2015-02-25	13:00:00"	15.31	291.9	15.63	23.66	12.13	292.7	19.24	22.47	55.76	56.79	-1.028	31.98	29.91	26.137	801.6	0		
"2015-02-25	14:00:00"	13.75	295.6	16.28	22.47	11.25	295.7	19.17	18.89	58.79	59.78	-0.991	28.89	27.1	26.128	806.03	0		
"2015-02-25	15:00:00"	14.08	303.2	17.28	21.87	11.15	263.3	67.83	23.66	61.71	62.61	-0.901	25.32	23.62	26.123	745.31	0		
"2015-02-25	16:00:00"	8.82	257.5	63.64	33.21	9.29	311.6	16.59	36.19	64.47	64.09	0.374	23.21	22.09	26.11	622.94	0		
"2015-02-25	17:00:00"	7.969	268.4	45.34	20.68	9.22	310.7	18.75	17.7	66.2	65.6	0.608	20.61	19.48	26.093	446.49	0.1		
"2015-02-25	18:00:00"	10.04	324.3	16.44	18.89	8.25	323.5	16.49	16.51	65.26	65.63	-0.375	19.3	17.77	26.092	241.96	0		
"2015-02-25	19:00:00"	5.629	324.1	11.03	9.95	3.78	333.6	18.85	9.35	62.9	61.38	1.522	22.24	22.47	26.093	44.12	0		
"2015-02-25	20:00:00"	3.85	309.2	60.01	8.16	2.104	356.9	57.49	5.771	58.39	53.77	4.623	26.27	29.28	26.077	0.01382	0		
"2015-02-25	21:00:00"	3.069	261	12.86	7.561	1.49	352.7	61.52	3.982	56.14	50.9	5.24	30.42	33.82	26.065	0	0		
"2015-02-25	22:00:00"	13.39	52.41	28.86	27.24	8.33	54.85	15.34	20.68	54.83	53.85	0.983	31.04	30.35	26.097	0	0		
"2015-02-25	23:00:00"	17.43	79.13	10.73	32.61	10.47	72.78	18.32	22.47	52.39	51.92	0.474	33.46	31.89	26.11	0	0		
"2015-02-26	00:00:00"	16.22	33.77	18.02	25.45	10.09	30.96	17.31	18.89	48.33	48.06	0.275	40.71	38.21	26.133	0	0		
"2015-02-26	01:00:00"	14.04	35.84	10.59	23.66	7.767	31.86	11.16	17.1	45.16	44.95	0.212	51.24	47.08	26.143	0	0		
"2015-02-26	02:00:00"	12.23	12.65	23.9	23.07	8.31	10.83	24.45	17.7	45.12	44.97	0.151	58.46	53.42	26.162	0	0		
"2015-02-26	03:00:00"	12.26	32.43	12.5	19.49	7.179	29.06	12.86	14.12	45.46	45.22	0.239	64.62	59.27	26.175	0	0		
"2015-02-26	04:00:00"	10.95	27.86	10.42	17.1	6.79	25.3	11.05	14.72	42.67	42.35	0.321	71.33	64.92	26.177	0	0		
"2015-02-26	05:00:00"	13.95	23.24	11.21	23.07	9.63	21.28	11.46	17.7	41.91	41.71	0.193	74.25	67.28	26.194	0	0		
"2015-02-26	06:00:00"	18.81	41.01	11.14	34.4	10.15	36.24	12.28	23.66	40.89	40.77	0.118	77.86	70.21	26.217	0	0		
"2015-02-26	07:00:00"	20.81	41.91	12.21	32.01	11.72	36.78	13.35	24.86	36.26	36.38	-0.12	83	73.84	26.252	0	0		
"2015-02-26	08:00:00"	20	54.23	11.16	31.42	11.77	48.13	14.54	23.66	34.89	35.01	-0.117	79.59	70.73	26.269	5.7635	0		
"2015-02-26	09:00:00"	21.55	59.44	9.44	32.01	13.35	54.82	13.68	25.45	34.25	34.56	-0.314	79.77	70.44	26.292	85.588	0		
"2015-02-26	10:00:00"	21.2	54.4	10.19	36.19	12.51	48.79	14.23	29.03	33.18	33.59	-0.415	77.04	67.95	26.328	111.93	0		
"2015-02-26	11:00:00"	22.2	54.7	11.07	33.8	13.03	48.58	15.05	26.65	32.02	32.74	-0.719	73.15	63.88	26.331	215.18	0		
"2015-02-26	12:00:00"	20.3	54.81	11.51	29.63	12.1	49.92	15.77	21.28	31.6	32.58	-0.986	70.3	60.99	26.348	287.17	0		
"2015-02-26	13:00:00"	17.33	58.03	11.64	27.24	11.01	54.56	16.23	20.68	29.85	30.69	-0.844	69.55	60.29	26.352	182.36	0		
"2015-02-26	14:00:00"	16.15	57.93	12.27	23.66	10.31	54.01	16.54	17.7	29.74	30.67	-0.936	70.2	60.66	26.342	221.41	0		
"2015-02-26	15:00:00"	14.03	47.35	13.62	21.87	8.48	43.03	16.32	16.51	28.59	29.29	-0.697	69.78	60.5	26.348	146.64	0		
"2015-02-26	16:00:00"	15.32	56.84	12.23	21.87	9.61	53	16.99	17.1	28.6	29.48	-0.881	66.99	57.9	26.333	199.24	0		
"2015-02-26	17:00:00"	16.9	66.42	11.93	24.86	10.98	62.55	17.57	18.89	28.64	29.76	-1.125	64.94	55.73	26.314	211.96	0		
"2015-02-26	18:00:00"	15.24	64.17	10.61	24.86	10.08	60.44	15.99	19.49	27.44	28.01	-0.571	65.34	56.57	26.316	57.447	0		
"2015-02-26	19:00:00"	13.64	74	11.78	20.09	8.82	71.46	17.7	16.51	27.11	27.46	-0.351	62	54.11	26.332	9.1289	0		
"2015-02-26	20:00:00"	15.57	77.29	10.36	23.07	10.25	74.31	17.43	17.7	26.98	27.19	-0.214	62.11	54.26	26.324	0	0		
"2015-02-26	21:00:00"	16.12	81.7	9.82	24.86	10.52	79.23	17.25	18.89	26.73	26.93	-0.197	61.38	53.68	26.333	0	0		
"2015-02-26	22:00:00"	14.96	89.4	9.61	22.47	9.94	87.6	16	16.51	26.48	26.68	-0.196	61.12	53.43	26.339	0	0		
"2015-02-26	23:00:00"	13.15	96.5	10.14	21.28	9.26	95.5	15.97	16.51	25.81	25.98	-0.172	59.57	52.05	26.341	0	0		
"2015-02-27	00:00:00"	12.88	90.1	9.21	21.87	8.68	89	16.12	16.51	25.14	25.31	-0.165	60.92	53.11	26.333	0	0		
"2015-02-27	01:00:00"	14.29	89.3	8.91	23.07	9.51	87	16.47	15.91	24.5	24.69	-0.186	58.02	50.64	26.314	0	0		
"2015-02-27	02:00:00"	13.25	87.4	10.81	21.28	8.76	85.4	18.1	16.51	23.79	23.98	-0.187	61.24	53.29	26.306	0	0		
"2015-02-27	03:00:00"	11.15	92.1	9.81	16.51	7.59	90	16.89	13.52	21.53	21.75	-0.224	79.59	68.8	26.3	0	0		
"2015-02-27	04:00:00"	11.01	74.63	9.44	16.51	6.928	70.61	16.72	11.74	20.14	20.34	-0.197	85.1	73.66	26.291	0	0		
"2015-02-27	05:00:00"	13.95	84.8	7.822	23.07	8.86	82.8	15.65	14.72	19.49	19.64	-0.146	86.4	74.74	26.274	0	0		
"2015-02-27	06:00:00"	12.55	88.9	11.16	18.3	8.47	86.2	17.74	14.72	18.71	18.89	-0.179	89.6	77.55	26.279	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-02-27	07:00:00"	14.84	83.9	7.797	22.47	9.27	80.7	16.17	17.1	17.58	17.8	-0.216	90.6	78.45	26.284	0	0		
"2015-02-27	08:00:00"	13.07	76.32	9.23	19.49	8.4	71.01	16.5	14.72	17.11	17.3	-0.188	90.4	78.41	26.302	6.118	0		
"2015-02-27	09:00:00"	16.04	82	8.42	24.26	10.02	78.35	16.83	16.51	16.96	17.28	-0.322	90	78.24	26.314	45.92	0		
"2015-02-27	10:00:00"	14.97	79.82	9.73	22.47	9.53	75.37	17.56	17.1	17.29	17.75	-0.456	89.7	78.05	26.333	88.89	0		
"2015-02-27	11:00:00"	14.95	86.4	9.94	21.87	9.76	83.1	17.2	16.51	17.64	18.27	-0.636	88.8	77.41	26.334	159.18	0		
"2015-02-27	12:00:00"	14.73	91.1	9.68	21.28	10.16	89.5	16.69	17.1	18.13	18.99	-0.851	86.6	75.02	26.332	245.04	0		
"2015-02-27	13:00:00"	12.9	86.7	11.17	18.89	8.83	84.2	18.34	14.72	18.47	19.39	-0.92	84.5	73.43	26.323	233.58	0		
"2015-02-27	14:00:00"	11.91	90.8	12.16	17.1	8.4	89	18.97	13.52	18.92	19.88	-0.966	83.4	72.47	26.295	236.88	0		
"2015-02-27	15:00:00"	11.31	106	10.71	16.51	8.43	104.8	16.12	14.12	19.79	20.72	-0.935	82.4	71.63	26.273	261.09	0		
"2015-02-27	16:00:00"	11.05	104.5	11.45	17.1	8.3	103	16.96	13.52	20.48	21.4	-0.923	81.8	71.14	26.262	218.81	0		
"2015-02-27	17:00:00"	11.11	102.8	10.84	17.7	8.09	101.4	16.42	13.52	20.37	21.15	-0.775	83.2	72.13	26.254	130.13	0		
"2015-02-27	18:00:00"	11.33	105.2	9.58	16.51	8.25	104.6	15.48	12.93	19.72	20.2	-0.474	86	74.36	26.248	47.257	0		
"2015-02-27	19:00:00"	11.58	99.1	10.26	17.1	8.24	97.3	15.99	13.52	19.11	19.41	-0.308	88	76.14	26.24	8.3816	0		
"2015-02-27	20:00:00"	12.3	93.4	10.35	18.3	8.56	92.1	16.77	14.72	18.52	18.79	-0.264	90	77.77	26.244	0	0		
"2015-02-27	21:00:00"	13.29	95.8	9.06	18.89	9.38	94.5	15.59	14.72	17.82	18.06	-0.232	91.8	79.2	26.251	0	0		
"2015-02-27	22:00:00"	12.04	98.3	9.4	18.3	8.63	96.4	15.89	14.12	17.48	17.69	-0.218	91.7	79.29	26.256	0	0		
"2015-02-27	23:00:00"	12.14	97.4	9.76	18.89	8.66	95.5	16.15	13.52	17.32	17.52	-0.2	91.4	79.18	26.257	0	0		
"2015-02-28	00:00:00"	11.08	99.7	10.44	15.91	7.835	98	16.91	13.52	17.09	17.3	-0.205	91.1	79.01	26.258	0	0		
"2015-02-28	01:00:00"	10.48	97.2	9.55	17.7	7.602	95.9	16.18	11.74	16.81	17.02	-0.208	90.9	78.86	26.248	0	0		
"2015-02-28	02:00:00"	9.96	89.9	10.23	14.12	6.849	88.1	17.85	11.74	16.93	17.17	-0.235	90.8	78.92	26.24	0	0		
"2015-02-28	03:00:00"	10.09	86.2	9.02	14.72	6.51	83.5	16.5	11.14	16.88	17.14	-0.256	90.8	78.88	26.23	0	0		
"2015-02-28	04:00:00"	8.88	96.6	10.03	13.52	6.441	96.3	17.25	9.95	16.96	17.17	-0.205	90.8	78.91	26.216	0	0		
"2015-02-28	05:00:00"	6.392	91.9	9.24	12.33	5.641	89.3	17.18	9.35	17.18	17.41	-0.229	90.8	78.98	26.215	0	0		
"2015-02-28	06:00:00"	1	93.7	8.98	1	5.419	91.1	17.52	8.75	17.43	17.66	-0.23	90.9	79.12	26.224	0	0		
"2015-02-28	07:00:00"	1	96.7	9.94	1	5.388	95.2	17.35	9.35	17.68	17.87	-0.185	91.1	79.26	26.226	0	0		
"2015-02-28	08:00:00"	1	100.4	11.47	1	5.019	100	18.2	9.95	17.95	18.14	-0.195	91.2	79.42	26.229	5.5999	0		
"2015-02-28	09:00:00"	1	103.7	11.1	1	4.889	102.4	17.81	8.16	18.62	18.92	-0.298	91.5	79.74	26.239	45.148	0		
"2015-02-28	10:00:00"	1	110.5	13.84	1	4.921	109	20.32	8.16	20.1	20.57	-0.468	92	80.5	26.254	110.66	0		
"2015-02-28	11:00:00"	1	127.3	13.26	1	4.694	127.6	19.81	8.16	21.52	22.09	-0.568	92.5	81.1	26.273	159.4	0		
"2015-02-28	12:00:00"	1	130.9	16.43	1	4.383	130	22.55	8.16	23.5	24.23	-0.725	93.3	82.2	26.272	211.5	0		
"2015-02-28	13:00:00"	1	141.9	16.83	1	4.865	143.8	22.29	8.75	24.94	25.81	-0.877	94	83.1	26.262	235.04	0		
"2015-02-28	14:00:00"	1	146.5	17.77	1	4.743	149.9	23.85	9.35	26.02	26.98	-0.958	94.5	83.7	26.245	203.09	0		
"2015-02-28	15:00:00"	1	152.8	16.01	1	4.979	155.6	21.94	9.95	26.66	27.56	-0.899	95	84.1	26.222	178.86	0		
"2015-02-28	16:00:00"	1	165.9	13.3	1	5.541	167.5	19.63	10.54	28.06	28.88	-0.819	95.5	84.6	26.208	148.49	0		
"2015-02-28	17:00:00"	1	160.7	12.43	1	5.037	163.3	18.81	10.54	28.91	29.53	-0.624	96.2	85.2	26.208	86.86	0		
"2015-02-28	18:00:00"	1	128.5	14.44	1	5.005	127.4	20.86	8.75	29.84	30.21	-0.372	97.1	86.1	26.206	37.228	0		
"2015-02-28	19:00:00"	1	117	13.49	1	4.34	115.3	18.03	7.561	30.39	30.6	-0.209	97.6	86.7	26.222	5.9222	0		
"2015-02-28	20:00:00"	1	113.1	11.15	1	5.058	111.9	16.64	8.75	30.17	30.31	-0.141	97.7	86.9	26.235	0	0		
"2015-02-28	21:00:00"	1	118.6	9.69	1	5.053	117.9	15.96	8.75	30.09	30.18	-0.088	98	87.1	26.252	0	0		
"2015-02-28	22:00:00"	1	127.8	9.18	1	4.703	127.3	15.39	8.16	30.14	30.24	-0.095	98.1	87.3	26.268	0	0		
"2015-02-28	23:00:00"	1	130.1	10.62	1	4.682	129.9	16.43	8.75	29.91	30	-0.084	98.1	87.4	26.276	0	0		
"2015-03-01	00:00:00"	1	151.9	13.73	1	5.052	152.8	19.5	9.35	29.93	30.04	-0.11	98.2	87.4	26.28	0	0		
"2015-03-01	01:00:00"	1	156.7	15.97	1	3.954	157.9	20.2	6.964	29.98	30.08	-0.102	98.3	87.6	26.28	0	0		
"2015-03-01	02:00:00"	1	166.1	9.92	1	4.308	168.2	17.39	8.16	30.06	30.16	-0.097	98.3	87.7	26.277	0	0		
"2015-03-01	03:00:00"	1	159.5	10.99	1	4.131	160.3	17.78	8.16	30.13	30.22	-0.093	98.3	87.8	26.273	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-01	04:00:00"	1	158.1	11.12	1	4.295	159.2	18.14	8.75	30.21	30.31	-0.098	98.3	87.9	26.268	0	0		
"2015-03-01	05:00:00"	1	152.9	19.01	1	3.925	153.4	23.94	9.35	30.28	30.38	-0.097	98.4	87.9	26.268	0	0		
"2015-03-01	06:00:00"	1	153.2	18.01	1	3.589	154.6	24.48	6.964	30.39	30.49	-0.096	98.4	88	26.275	0	0		
"2015-03-01	07:00:00"	1	165.7	20.13	1	3.307	167.6	24.8	5.771	30.45	30.55	-0.1	98.5	88.1	26.291	0	0		
"2015-03-01	08:00:00"	1	174	14.87	1	3.656	177.8	20.51	8.16	30.57	30.71	-0.136	98.5	88.1	26.306	6.3199	0		
"2015-03-01	09:00:00"	1	164.6	14.65	1	3.535	164.7	19.52	6.368	31.04	31.33	-0.29	98.5	88.2	26.322	40.139	0		
"2015-03-01	10:00:00"	1	162.8	20.53	1	3.214	165.3	27.06	6.964	31.7	32.04	-0.343	98.3	88.3	26.348	76.69	0		
"2015-03-01	11:00:00"	1	176.9	29.57	1	2.824	181.5	37.62	5.771	32.56	33.18	-0.621	98.6	89.5	26.365	149.25	0		
"2015-03-01	12:00:00"	2.809	137.7	32.77	8.16	3.308	134.9	40.33	8.16	34.11	35.66	-1.55	98.6	91.4	26.373	206.33	0		
"2015-03-01	13:00:00"	4.997	138.7	32.86	9.35	3.89	138.2	39.79	8.16	37.42	38.69	-1.264	96.7	85.1	26.376	327.32	0		
"2015-03-01	14:00:00"	6.279	122.2	27.9	12.93	4.961	119.7	35.64	9.95	40.32	42.01	-1.687	93.3	71.9	26.375	488.18	0		
"2015-03-01	15:00:00"	7.229	105.1	19.81	13.52	5.698	104.6	25.61	11.74	43.3	44.88	-1.583	77.98	66.91	26.372	532.64	0		
"2015-03-01	16:00:00"	8.86	100.5	16.46	14.72	6.583	98.6	22.76	11.14	42.27	43.65	-1.38	77.97	68.37	26.366	368.28	0		
"2015-03-01	17:00:00"	10.23	98.3	12.75	15.31	7.574	97.4	18.8	12.93	41.23	42.39	-1.165	78.96	69.34	26.361	233.33	0		
"2015-03-01	18:00:00"	10.2	86.7	13.71	14.72	7.244	84.1	20.01	11.74	38.68	39.34	-0.667	83.8	73.92	26.36	68.902	0		
"2015-03-01	19:00:00"	11.65	74.16	12.69	16.51	7.684	71.57	18.88	12.93	37.13	37.51	-0.383	86.6	76.67	26.353	14.259	0		
"2015-03-01	20:00:00"	11.09	78.77	11.9	17.1	7.328	76.35	18.15	12.93	35.7	35.95	-0.246	90.7	80.1	26.38	0	0		
"2015-03-01	21:00:00"	10.87	77.84	11.71	17.1	7.185	74.61	17.53	12.33	34.56	34.84	-0.279	93.9	82.5	26.417	0	0		
"2015-03-01	22:00:00"	13.01	70.55	9.73	18.89	8.5	66.32	16.11	14.12	33.25	33.51	-0.257	96.9	85.3	26.417	0	0		
"2015-03-01	23:00:00"	10.55	64.75	10.63	17.1	6.884	60.83	15.62	13.52	32.3	32.53	-0.233	98.3	87.1	26.437	0	0		
"2015-03-02	00:00:00"	10.02	59.9	12.28	16.51	6.271	55.91	17.03	11.74	31.54	31.81	-0.264	97.9	86.7	26.442	0	0		
"2015-03-02	01:00:00"	9.82	49.53	11.22	15.31	5.716	44.72	14.36	11.74	30.86	31.04	-0.171	98.4	86.9	26.441	0	0		
"2015-03-02	02:00:00"	9.87	50.09	13.29	14.12	6.017	46.14	16.3	11.14	30.58	30.69	-0.104	98.6	87.4	26.439	0	0		
"2015-03-02	03:00:00"	9.29	36.68	10.55	13.52	5.381	33.65	11.77	11.74	30.32	30.41	-0.088	98.5	87.5	26.429	0	0		
"2015-03-02	04:00:00"	9.23	45.61	10.48	14.72	5.35	40.66	13.44	10.54	30.43	30.53	-0.1	98.5	87.5	26.408	0	0		
"2015-03-02	05:00:00"	7.806	59.07	11.37	10.54	5.115	56.14	15.89	9.35	30.58	30.72	-0.136	98.5	87.5	26.406	0	0		
"2015-03-02	06:00:00"	9.52	64.97	9.12	15.31	6.445	61.43	15.08	11.74	30.4	30.55	-0.143	98.5	87.5	26.393	0	0		
"2015-03-02	07:00:00"	7.002	63.86	14.8	13.52	4.656	59.65	18.96	10.54	30.41	30.55	-0.136	98.5	87.5	26.398	0	0		
"2015-03-02	08:00:00"	6.734	79.59	11.47	10.54	4.564	75.53	18.44	8.75	30.38	30.55	-0.176	98.5	87.5	26.406	4.9828	0		
"2015-03-02	09:00:00"	8.81	92.8	14.45	13.52	5.94	89.7	20.72	10.54	30.39	30.7	-0.309	98.5	87.5	26.402	36.565	0		
"2015-03-02	10:00:00"	8.78	109.7	11.91	12.33	6.451	107.8	17.34	10.54	30.89	31.34	-0.447	98.4	87.6	26.405	88.602	0		
"2015-03-02	11:00:00"	8.07	107	12.88	11.74	6.178	106.2	18.01	9.95	31.79	32.32	-0.528	98.3	87.9	26.405	165.72	0		
"2015-03-02	12:00:00"	8.11	111.4	16.73	12.93	6.105	109.2	22.11	10.54	32.53	33.63	-1.099	98.4	90.4	26.387	187.48	0		
"2015-03-02	13:00:00"	8.73	147.4	19.31	15.31	6.032	147.7	24.23	12.93	33.84	34.97	-1.138	96.9	90	26.366	190.84	0		
"2015-03-02	14:00:00"	8.25	158.7	17.74	12.93	5.646	163.1	24.19	9.95	35.45	37	-1.556	93.6	77.43	26.328	237.41	0		
"2015-03-02	15:00:00"	7.606	164.2	18.99	15.31	5.396	166.7	24.45	11.14	38.25	39.5	-1.253	82.7	70.95	26.303	284	0		
"2015-03-02	16:00:00"	7.552	149.5	18.81	13.52	5.332	150.6	26.61	11.14	38.72	39.69	-0.971	81.6	70.47	26.284	185.23	0		
"2015-03-02	17:00:00"	6.104	141.2	16.88	10.54	4.227	143.7	21.53	8.16	38.28	38.92	-0.643	83.5	72.62	26.264	107.45	0		
"2015-03-02	18:00:00"	7.177	145.9	12.87	10.54	4.828	148	19.6	8.16	37.51	38.12	-0.602	85.4	74.22	26.24	61.768	0		
"2015-03-02	19:00:00"	7.706	151.3	14.25	11.14	5.032	152.9	20.08	9.35	36.65	36.95	-0.307	89.6	78.36	26.232	10.145	0		
"2015-03-02	20:00:00"	7.244	153.7	14.38	12.93	4.631	156	19.49	8.75	36.48	36.66	-0.181	92.3	81.2	26.227	0	0		
"2015-03-02	21:00:00"	9.2	171.4	11.45	12.93	5.798	174	17.68	9.95	36.27	36.47	-0.193	95.4	83.8	26.233	0	0		
"2015-03-02	22:00:00"	9.37	173.7	16.28	14.72	6.073	176.1	20.7	10.54	36.23	36.43	-0.191	97.2	85.9	26.222	0	0		
"2015-03-02	23:00:00"	9.82	175.6	10.33	14.72	6.179	177.8	16.24	11.14	36.4	36.48	-0.08	95.5	85.2	26.203	0	0		
"2015-03-03	00:00:00"	9.26	184.4	9.87	14.12	6.038	187.9	16.22	10.54	37.28	37.31	-0.033	94.5	84.5	26.195	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-03	01:00:00"	11.23	183.2	9.1	16.51	7.367	187	15.18	12.33	38.06	38.15	-0.094	95.7	85.2	26.168	0	0		
"2015-03-03	02:00:00"	9.35	198	9.16	13.52	6.273	201.7	13.94	10.54	38.01	38.1	-0.093	97.6	86.9	26.149	0	0		
"2015-03-03	03:00:00"	9.79	192.2	10.32	15.31	6.542	196.7	14.44	11.74	38.34	38.38	-0.038	99	89.6	26.13	0	0		
"2015-03-03	04:00:00"	10.64	199.7	8.1	15.91	7.107	203.3	12.72	11.74	38.64	38.68	-0.045	99.2	91.1	26.114	0	0		
"2015-03-03	05:00:00"	9.1	198.5	10.48	14.72	6.03	201.8	14.88	11.74	38.98	39.04	-0.054	99.4	90.1	26.094	0	0		
"2015-03-03	06:00:00"	7.298	205.8	9.15	10.54	4.943	208.3	12.72	8.16	39.16	39.23	-0.071	99.5	90.1	26.097	0	0		
"2015-03-03	07:00:00"	6.217	209.9	18.03	10.54	4.285	212.1	20.21	6.964	39.39	39.45	-0.055	99.5	90.4	26.102	0	0		
"2015-03-03	08:00:00"	5.291	172.2	31.29	11.14	3.382	173.6	37.06	7.561	39.74	39.86	-0.118	99.6	90.9	26.089	5.3338	0		
"2015-03-03	09:00:00"	5.596	188.8	29.4	11.14	3.819	193.4	31.81	7.561	40.28	40.57	-0.295	99.6	91.6	26.085	42.155	0		
"2015-03-03	10:00:00"	4.318	225	52.47	8.75	3.314	226.8	51.75	7.561	42.3	42.71	-0.405	99.4	92.4	26.099	185.9	0		
"2015-03-03	11:00:00"	3.524	210.1	27.75	6.368	2.811	212.1	32.38	5.771	44.87	45.34	-0.471	98.5	94.3	26.119	247.12	0		
"2015-03-03	12:00:00"	3.772	21.92	59.19	6.368	2.843	13.46	57.8	6.368	48.79	49.71	-0.917	95.4	92.5	26.128	385.79	0		
"2015-03-03	13:00:00"	4.236	33.88	38.14	9.95	3.165	25.83	38.77	7.561	58.57	59.5	-0.934	67.08	60.41	26.143	668.58	0		
"2015-03-03	14:00:00"	4.634	36.62	41.19	8.75	3.646	30.11	43.11	8.75	61.89	62.66	-0.779	53.32	51.1	26.144	517.72	0		
"2015-03-03	15:00:00"	4.693	22.74	47.35	9.95	3.677	16.23	49.05	8.75	63.87	64.54	-0.672	49.18	47.54	26.132	419.95	0		
"2015-03-03	16:00:00"	7.316	6.229	23.11	12.93	5.595	5.154	24.13	11.14	62.92	63.79	-0.871	50.22	48.34	26.129	411.58	0		
"2015-03-03	17:00:00"	5.791	336	37.02	12.93	4.755	332.4	36.53	11.74	64.24	64.96	-0.713	45.92	45.19	26.123	354.47	0		
"2015-03-03	18:00:00"	5.695	325.9	21.85	8.75	4.607	326.4	23.88	7.561	64.31	64.49	-0.184	45.23	44.92	26.121	150.71	0		
"2015-03-03	19:00:00"	5.831	328.3	16.62	9.35	4.198	329.3	17.07	8.16	62.47	62.03	0.433	49.15	48.7	26.122	34.67	0		
"2015-03-03	20:00:00"	4.523	343.3	39.62	7.561	2.748	349.5	46.09	6.368	59.83	58.49	1.348	55.19	54.78	26.125	0	0		
"2015-03-03	21:00:00"	3.75	52.61	35.99	5.771	1.941	42.2	59.35	3.982	58.17	55.77	2.403	58.84	60.59	26.129	0	0		
"2015-03-03	22:00:00"	5.012	110.3	30.9	10.54	3.037	109.2	27.5	6.964	55.47	54.14	1.334	69.37	66.64	26.127	0	0		
"2015-03-03	23:00:00"	4.718	122.9	23.31	8.16	2.719	114.4	31.1	4.578	52.56	52.15	0.403	81.4	75.48	26.128	0	0		
"2015-03-04	00:00:00"	5.122	120.9	16.7	9.95	2.484	104.3	35.83	5.771	51.72	50.95	0.768	86.1	81.5	26.111	0	0		
"2015-03-04	01:00:00"	3.876	257	53.71	5.771	2.435	253.1	57.27	4.578	51.57	50.54	1.031	86.6	82.6	26.11	0	0		
"2015-03-04	02:00:00"	4.096	272.3	37.83	8.16	2.524	288.5	67.42	5.771	51.22	49.67	1.544	87	83.5	26.103	0	0		
"2015-03-04	03:00:00"	3.339	257.6	16.67	5.771	1.457	304.7	55.41	2.789	51.22	48.94	2.276	86.1	84.2	26.09	0	0		
"2015-03-04	04:00:00"	5.853	177.9	19.62	10.54	2.986	157.8	36.05	6.368	51.61	49.22	2.393	83.9	83	26.067	0	0		
"2015-03-04	05:00:00"	3.342	274.9	43.43	9.35	2.187	327.6	76.58	7.561	51.65	50.6	1.053	84.2	80.4	26.059	0	0		
"2015-03-04	06:00:00"	2.396	190	42.69	4.578	1.423	119.3	83.1	3.386	51.46	48.99	2.47	84.3	83.9	26.058	0	0		
"2015-03-04	07:00:00"	7.046	273.6	42.53	17.1	4.604	306.8	60.02	13.52	51.11	49.87	1.238	82.2	79.81	26.096	0	0		
"2015-03-04	08:00:00"	7.395	316.9	18.46	17.7	3.921	320.6	26.84	9.35	50.2	49.76	0.447	78.14	73.56	26.128	8.3187	0.01		
"2015-03-04	09:00:00"	7.794	324.9	15.67	15.31	4.824	330.7	21.7	8.75	49.97	49.81	0.164	79.42	74.44	26.147	38.277	0		
"2015-03-04	10:00:00"	11.05	320.8	10.73	17.1	6.142	327.8	19.83	11.14	49.92	50.3	-0.38	80.6	74.45	26.16	73.738	0.01		
"2015-03-04	11:00:00"	8.99	335.1	10.38	14.72	6.198	339.3	12.95	11.14	49.79	49.86	-0.067	81.3	76.07	26.169	80.348	0.02		
"2015-03-04	12:00:00"	6.905	82.1	69.78	18.89	4.487	88.2	71.76	12.33	48.91	48.92	0	84	78.8	26.178	41.712	0.12		
"2015-03-04	13:00:00"	8.65	102.1	34.72	19.49	5.797	95.6	41.69	15.31	47.47	47.57	-0.103	86.7	80.3	26.193	76.3	0.12		
"2015-03-04	14:00:00"	17.07	80.9	16.17	24.86	11.06	78.28	20.88	18.3	41.69	42.18	-0.495	95.4	86.3	26.18	90.136	0.08		
"2015-03-04	15:00:00"	21.6	47.27	10.72	32.01	12.15	42.89	13.79	25.45	36.81	37.35	-0.531	92.4	83.7	26.16	201.04	0.03		
"2015-03-04	16:00:00"	22.73	54.12	12.43	33.21	13.95	50.52	15.92	24.86	34.18	34.72	-0.533	91	82	26.155	145.23	0		
"2015-03-04	17:00:00"	24.24	38.23	9	39.77	13.02	33.96	10.61	26.65	30.69	31.07	-0.372	88.5	79.5	26.173	91.785	0		
"2015-03-04	18:00:00"	22.72	39.49	10.22	36.19	12.45	35.26	11.71	26.65	27.8	28.05	-0.25	85.1	75.91	26.214	23.984	0		
"2015-03-04	19:00:00"	22.01	37.84	10.26	33.8	11.95	34.15	11.33	24.86	26.47	26.65	-0.179	84.2	74.97	26.252	6.9145	0		
"2015-03-04	20:00:00"	21.4	35.32	11.91	34.4	12.51	32.01	13.68	28.43	25.07	25.26	-0.194	83.1	73.71	26.302	0	0		
"2015-03-04	21:00:00"	19.48	54.85	10.93	30.82	11.87	50.85	15.15	22.47	24.36	24.57	-0.207	84.5	74.97	26.336	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-04	22:00:00"	17.23	47.33	11.82	29.63	9.92	42.35	14.45	21.87	24.08	24.27	-0.192	84.4	74.86	26.372	0	0		
"2015-03-04	23:00:00"	15.78	41.39	10.77	26.65	8.71	37.58	12.35	20.68	24.11	24.26	-0.154	82.4	73.04	26.416	0	0		
"2015-03-05	00:00:00"	15.25	38.59	10.62	23.66	8.39	34.43	11.52	17.1	24.13	24.27	-0.135	79.63	70.71	26.451	0	0		
"2015-03-05	01:00:00"	14.16	38.13	11.38	23.07	7.989	34.25	12.26	18.89	24.17	24.31	-0.137	80.1	70.88	26.469	0	0		
"2015-03-05	02:00:00"	12.75	28.73	10.37	19.49	8.05	26.77	11.66	17.1	24.2	24.35	-0.151	80.9	71.38	26.485	0	0		
"2015-03-05	03:00:00"	13.3	29.28	10.44	19.49	8.24	26.69	11.39	18.3	24.24	24.38	-0.141	79.8	70.41	26.501	0	0		
"2015-03-05	04:00:00"	12.07	28.51	11.09	18.3	7.619	26.03	12.35	14.72	24.26	24.39	-0.137	76.69	68.11	26.514	0	0		
"2015-03-05	05:00:00"	9.94	29.2	11.24	15.31	6.084	27.63	11.96	12.33	24.19	24.3	-0.105	70.82	63.01	26.52	0	0		
"2015-03-05	06:00:00"	9.42	21.95	10.69	14.72	6.611	20.71	12.87	12.33	24.52	24.62	-0.101	70.49	62.61	26.535	0	0		
"2015-03-05	07:00:00"	8.01	25.58	10.19	11.74	5.1	24.41	12.31	9.95	24.85	24.94	-0.088	69.42	61.79	26.549	0	0		
"2015-03-05	08:00:00"	6.702	34.86	11.36	10.54	4.075	31.99	12.81	9.35	25.11	25.19	-0.071	65	58.43	26.564	17.273	0		
"2015-03-05	09:00:00"	6.889	21.54	17.36	11.14	4.805	18.94	19.34	9.35	27.14	27.83	-0.696	60.73	54.67	26.585	239.11	0		
"2015-03-05	10:00:00"	4.447	50.82	40.21	8.75	3.25	41.73	46.05	7.561	30.29	31.11	-0.821	53.72	49.17	26.622	453.17	0		
"2015-03-05	11:00:00"	3.66	74.84	52.9	7.561	2.814	68.49	66.18	6.368	33.92	34.66	-0.741	49.21	45.75	26.652	637.44	0		
"2015-03-05	12:00:00"	4.951	167.3	74.05	10.54	4.049	167.3	83.1	9.95	35.86	36.42	-0.56	48	45.06	26.663	766.16	0		
"2015-03-05	13:00:00"	6.498	185.9	63.66	14.12	5.137	188.6	68.5	11.14	36.77	37.69	-0.912	47.92	45.12	26.659	837.43	0		
"2015-03-05	14:00:00"	5.97	223.3	44.94	12.93	4.917	226.9	54.51	11.14	38.44	39	-0.558	48.49	45.34	26.641	834.91	0		
"2015-03-05	15:00:00"	6.407	194.4	44.01	13.52	4.821	195.3	47.96	10.54	39.58	40.63	-1.058	50.58	46.29	26.618	777.73	0		
"2015-03-05	16:00:00"	7.25	201.4	29.67	12.93	5.567	205	34.84	11.14	40.33	41.28	-0.949	51.71	46.95	26.6	655.94	0		
"2015-03-05	17:00:00"	7.782	201.2	24.85	14.12	5.699	204.2	29.17	11.74	40.64	42.07	-1.427	53.11	47.52	26.591	480.12	0		
"2015-03-05	18:00:00"	8.45	198.8	20.96	15.31	6.12	201.7	23.34	11.74	40.27	41.22	-0.947	55.06	49.46	26.585	268.07	0		
"2015-03-05	19:00:00"	8.09	200.6	8.9	13.52	5.276	202.6	13.08	9.95	38.11	38.16	-0.048	60.6	55.48	26.57	60.1	0		
"2015-03-05	20:00:00"	6.326	183.5	4.659	8.75	2.702	168.7	11.9	6.368	34.3	31.64	2.659	70.3	68.01	26.539	0.15799	0		
"2015-03-05	21:00:00"	6.457	183.1	5.94	8.16	2.392	164.8	8.55	3.982	32.36	28.63	3.731	74.04	74.23	26.517	0	0		
"2015-03-05	22:00:00"	7.471	191.2	8.2	11.14	3.366	179.4	18.94	7.561	31.28	28.37	2.907	77.64	75.39	26.516	0	0		
"2015-03-05	23:00:00"	7.48	203.6	7.109	11.74	4.323	204.7	11.32	8.16	30.03	29.19	0.834	87.7	79.11	26.531	0	0		
"2015-03-06	00:00:00"	5.57	202.9	8.62	8.16	2.567	194.7	15.63	4.578	28.21	26.44	1.777	92	82.2	26.524	0	0		
"2015-03-06	01:00:00"	4.553	221.6	18.23	7.561	2.068	227.6	36.82	4.578	26.8	25.45	1.349	94.2	84	26.5	0	0		
"2015-03-06	02:00:00"	3.537	236.8	14.25	5.771	1.266	263.3	41.29	2.789	26.27	24.88	1.396	96	84.7	26.488	0	0		
"2015-03-06	03:00:00"	2.079	236.5	22.57	4.578	1.336	173.2	82.1	2.789	26.1	24.18	1.92	96.4	85.1	26.477	0	0		
"2015-03-06	04:00:00"	1.083	236.6	27.34	2.789	1.135	100.1	35.71	2.193	25.65	23.53	2.112	96.5	85.2	26.456	0	0		
"2015-03-06	05:00:00"	1.151	126.2	40.37	3.386	1.387	87.9	22.8	2.789	25.55	22.77	2.779	96.7	85	26.444	0	0		
"2015-03-06	06:00:00"	2.473	115.3	19.73	4.578	1.649	82.2	17.59	2.789	25.75	23.03	2.717	96.5	84.6	26.447	0	0		
"2015-03-06	07:00:00"	3.181	116.2	11.56	5.175	1.624	74.76	10.89	2.789	26.36	23.73	2.628	93.6	84.3	26.461	0.0075	0		
"2015-03-06	08:00:00"	4.681	101.7	12.06	6.368	1.917	79.94	17.84	3.386	26.34	24.72	1.622	89.1	83.2	26.47	32.417	0		
"2015-03-06	09:00:00"	6.462	154	19.86	11.14	3.503	154.4	26.33	8.16	30.4	30.29	0.105	81.9	77.38	26.502	209.84	0		
"2015-03-06	10:00:00"	9.84	190.5	13.56	13.52	6.906	194.4	18.35	11.14	33.84	34.79	-0.952	75.57	68.58	26.543	444.99	0		
"2015-03-06	11:00:00"	8.4	204.3	14.74	12.93	6.429	207.7	18.33	11.14	38.43	39.58	-1.144	66.73	59.67	26.573	641.06	0		
"2015-03-06	12:00:00"	8.36	205.8	16.11	13.52	6.252	208.9	19.49	11.14	43.99	45.25	-1.255	58.95	53.12	26.593	767.89	0		
"2015-03-06	13:00:00"	8.09	212.6	19.32	14.12	6.32	216	20.54	12.33	48.34	49.34	-1.002	52.03	48.02	26.599	835.89	0		
"2015-03-06	14:00:00"	8.03	203.9	21.93	15.31	6.098	207.3	26.01	15.31	52.5	53.6	-1.092	40.64	38.48	26.59	839.43	0		
"2015-03-06	15:00:00"	8.59	197.2	24.15	14.72	6.43	199.5	28.32	12.93	54.64	55.78	-1.141	36.13	34.14	26.575	777.35	0		
"2015-03-06	16:00:00"	8.33	185.4	25.42	14.72	6.145	189.7	29.03	12.93	56.31	57.57	-1.262	34.51	32.43	26.561	656.24	0		
"2015-03-06	17:00:00"	8.77	175.5	18.84	15.31	6.074	178.7	25.21	11.74	56.76	58.31	-1.555	33.98	31.67	26.554	481.34	0		
"2015-03-06	18:00:00"	8.2	158.5	17.49	12.93	5.699	161.3	22.64	11.14	55.7	56.68	-0.976	32.77	30.76	26.544	271.91	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-06	19:00:00"	6.544	168.4	9.41	10.54	3.449	168.6	14.19	8.16	53.16	52.46	0.695	36.57	36.48	26.528	62.804		0	
"2015-03-06	20:00:00"	6.101	154.1	9.35	7.561	2.244	121.6	20.36	3.386	48.07	43.37	4.698	43.82	49.92	26.497	0.18169		0	
"2015-03-06	21:00:00"	8.03	129	6.197	9.95	3.48	105.3	12.8	5.771	43.89	39.59	4.297	54.84	60.02	26.474	0		0	
"2015-03-06	22:00:00"	8.92	129.2	5.154	11.74	4.062	116.9	11.58	6.368	42.56	39.2	3.364	57.71	60.83	26.471	0		0	
"2015-03-06	23:00:00"	7.492	148.3	12.58	9.95	2.757	140.6	16.76	5.175	40.49	36.83	3.664	65.06	65.86	26.477	0		0	
"2015-03-07	00:00:00"	6.088	160.2	5.691	8.75	2.01	140.9	14.31	3.386	38.56	35.24	3.316	71.78	70.69	26.47	0		0	
"2015-03-07	01:00:00"	5.255	159.2	5.533	6.964	1.47	124.8	21.15	2.193	36.84	33.48	3.361	75.91	74.2	26.455	0		0	
"2015-03-07	02:00:00"	5.021	166.9	7.533	6.368	1.794	132.9	14.12	2.789	36.83	33.66	3.173	73.97	73.37	26.445	0		0	
"2015-03-07	03:00:00"	3.642	139.8	13.88	5.175	2.071	84.1	12.95	2.789	37.41	35.1	2.314	69.5	68.46	26.438	0		0	
"2015-03-07	04:00:00"	4.869	137.4	9.19	6.964	2.193	89.7	16.87	3.386	36.86	34.48	2.379	65.05	66.21	26.431	0		0	
"2015-03-07	05:00:00"	4.362	92.9	14.76	6.964	2.357	70.44	14.6	3.982	36.5	34.72	1.779	63.51	63.17	26.422	0		0	
"2015-03-07	06:00:00"	4.996	91	13.6	7.561	2.814	70.71	12.95	5.175	34.61	33.14	1.468	68.49	66.53	26.423	0		0	
"2015-03-07	07:00:00"	5.673	60.36	11.88	8.16	3.174	56.2	11.46	5.175	34.69	33.16	1.536	66.3	64.94	26.425	0.0103		0	
"2015-03-07	08:00:00"	6.354	63.2	12.27	9.95	3.716	57.44	17.88	6.964	34.23	33.44	0.797	68.39	64.83	26.426	26.393		0	
"2015-03-07	09:00:00"	7.255	90	15.24	11.14	5.027	87.5	21.28	8.16	37.07	37.23	-0.159	64.57	59.85	26.443	131.89		0	
"2015-03-07	10:00:00"	6.853	121.6	16.29	11.74	5.001	120	22.62	8.75	41.27	42.02	-0.747	54.62	50.26	26.48	288.33		0	
"2015-03-07	11:00:00"	5.972	124.6	25.63	12.93	4.434	123.9	35.56	9.35	46.39	47.39	-1.007	45.71	42.32	26.504	497.69		0	
"2015-03-07	12:00:00"	7.3	108.4	25.24	13.52	5.445	107.6	32.51	11.74	50.63	52.2	-1.564	41.77	38.83	26.522	676.17		0	
"2015-03-07	13:00:00"	7.132	139.5	28.74	13.52	5.307	142.1	39.4	12.93	54.1	55.37	-1.268	37.69	35.21	26.528	764.99		0	
"2015-03-07	14:00:00"	7.011	124.9	31.7	15.91	5.321	123.9	40.56	12.33	57.51	58.67	-1.156	36.03	34.12	26.508	789.08		0	
"2015-03-07	15:00:00"	8.76	135.2	21.8	15.31	6.443	136.6	27.86	12.93	57.93	59.4	-1.467	37.1	34.81	26.477	657.74		0	
"2015-03-07	16:00:00"	9.5	141.6	19.26	17.1	6.546	144.8	25.45	13.52	57.79	59.01	-1.221	37	35.01	26.452	355.91		0	
"2015-03-07	17:00:00"	9.25	138.9	21.49	15.91	6.554	139.4	27.81	12.93	59.43	61	-1.565	35.62	33.31	26.44	478.17		0	
"2015-03-07	18:00:00"	8.87	153.7	15.76	14.72	5.864	155.1	21.19	11.74	58.96	59.89	-0.936	35.41	33.69	26.441	233.32		0	
"2015-03-07	19:00:00"	7.448	140.9	13.41	12.33	4.292	140.2	18.74	8.75	55.79	55.4	0.384	39.8	39.48	26.424	27.681		0	
"2015-03-07	20:00:00"	6.593	138.2	13.47	9.95	3.092	131.6	23.61	6.368	52.62	50.97	1.651	45.72	46.65	26.412	0.0114		0	
"2015-03-07	21:00:00"	7.111	119.3	12.73	11.74	3.463	109	23.53	7.561	49.97	48.16	1.808	54	54.17	26.393	0		0	
"2015-03-07	22:00:00"	6.599	135.8	25.33	12.33	3.803	131.2	38.97	8.75	50.49	49.83	0.658	54	52.21	26.381	0		0	
"2015-03-07	23:00:00"	8.47	163.7	14.11	14.72	4.771	165.1	20.57	9.95	49.12	48.29	0.825	56.74	54.63	26.386	0		0	
"2015-03-08	00:00:00"	11.22	163.2	10.15	18.89	6.833	165.1	16.03	14.72	47.6	47.15	0.448	47.54	45.69	26.372	0		0	
"2015-03-08	01:00:00"	7.622	143	19.46	15.91	4.658	142.7	24.62	11.14	45.83	45.51	0.318	47.75	45.36	26.336	0		0	
"2015-03-08	02:00:00"	4.567	110.1	37.83	9.35	2.703	101	52.5	6.368	44.21	43.54	0.677	52.14	50.49	26.295	0		0	
"2015-03-08	03:00:00"	6.218	198.9	17.53	8.75	3.392	203.4	21.58	5.771	42.91	42.16	0.754	57.12	54.85	26.302	0		0	
"2015-03-08	04:00:00"	2.192	185.3	57.19	5.771	1.467	351.2	101.7	3.982	41.75	40.43	1.323	59.46	58.85	26.272	0		0	
"2015-03-08	05:00:00"	2.001	23.47	52.94	5.771	1.602	23.08	40.46	4.578	41.31	39.2	2.115	60.58	63.2	26.241	0		0	
"2015-03-08	06:00:00"	4.126	31.77	17.29	7.561	2.412	38.97	29.72	5.771	39.15	37.72	1.427	66.71	64.17	26.23	0		0	
"2015-03-08	07:00:00"	4.766	75.33	28.98	6.368	2.544	88.4	33.05	4.578	38.39	36.27	2.128	68.57	67.87	26.221	0		0	
"2015-03-08	08:00:00"	4.762	100.1	12.74	7.561	2.629	78.69	19.48	4.578	38.72	37.22	1.503	69.56	67.85	26.224	21.092		0	
"2015-03-08	09:00:00"	5.465	129.8	45.2	9.95	3.697	127.6	55.32	8.75	44.2	44.76	-0.56	61.19	56.37	26.239	212.05		0	
"2015-03-08	10:00:00"	6.978	200.4	29.84	11.74	5.185	203.3	32.48	11.14	49.94	50.93	-0.988	53.22	48.67	26.284	359.98		0	
"2015-03-08	11:00:00"	10.08	291.4	30.15	17.7	8.07	291.4	32.5	15.91	48.44	48.64	-0.198	63.23	60.25	26.314	310.08	0.01		
"2015-03-08	12:00:00"	8.95	326.2	14.38	14.72	7.622	326.5	15.56	12.93	55.32	55.91	-0.588	58.99	57.16	26.305	814.03		0	
"2015-03-08	13:00:00"	6.448	322.6	33.73	11.74	5.322	320.9	37.69	9.95	60.65	61.3	-0.656	55.55	53.99	26.319	581.71		0	
"2015-03-08	14:00:00"	5.923	14.07	29.94	11.74	4.528	11.46	34.07	10.54	65.2	66.21	-1.008	45.93	46	26.298	791.05		0	
"2015-03-08	15:00:00"	4.798	41.79	72.3	10.54	3.669	25.93	75.52	8.75	68.57	69.22	-0.65	40.41	41.35	26.28	745.69		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-08	16:00:00"	5.251	33.95	73.86	9.95	4.096	25.48	75.2	9.35	69.44	70.19	-0.752	38.9	39.83	26.269	625.7	0		
"2015-03-08	17:00:00"	4.35	28.12	58.38	11.74	3.479	22.77	61.07	8.75	70.62	71.28	-0.664	36.96	38.26	26.254	470.73	0		
"2015-03-08	18:00:00"	4.94	24.97	32.77	9.95	3.572	22.86	36.31	6.964	68.52	69.06	-0.534	38.99	39.89	26.251	174.94	0		
"2015-03-08	19:00:00"	9.87	114.9	12.9	18.3	6.523	113.1	18.4	12.93	64.09	63.96	0.134	48.43	47.91	26.242	10.391	0		
"2015-03-08	20:00:00"	7.094	159.2	50.75	11.14	4.251	161.2	53.11	9.35	59.01	58.19	0.821	62.51	63.2	26.236	0	0.06		
"2015-03-08	21:00:00"	9.47	164.3	22.22	16.51	5.312	168.3	27.67	13.52	55.31	53.96	1.345	76.88	77.51	26.222	0	0		
"2015-03-08	22:00:00"	4.973	121.3	38.48	11.74	2.897	107.7	48.24	7.561	53.98	52.88	1.101	80.1	78.71	26.213	0	0		
"2015-03-08	23:00:00"	4.209	22.89	24.23	8.16	2.638	17.78	29.16	6.964	53.66	52.76	0.897	81	79.05	26.214	0	0		
"2015-03-09	01:00:00"	5.089	29.12	13.63	8.16	2.816	31.06	16.34	6.368	52.76	52.24	0.525	84.1	79.81	26.215	0	0		
"2015-03-09	02:00:00"	8.85	33.68	11.41	14.12	4.97	31.74	12.02	9.95	52.25	51.86	0.389	83.7	78.77	26.206	0	0		
"2015-03-09	03:00:00"	7.806	23.8	12.67	11.74	5.185	22.23	13.12	9.35	50.86	50.6	0.259	82	76.7	26.206	0	0		
"2015-03-09	04:00:00"	7.712	33.42	12.75	12.33	4.384	33.54	14.07	9.35	48.8	48.53	0.271	84.4	78.2	26.197	0	0		
"2015-03-09	05:00:00"	7.964	36.78	11.16	11.74	4.348	34.84	12.62	8.16	46.77	46.41	0.364	88.2	81.4	26.178	0	0		
"2015-03-09	06:00:00"	10.32	21.58	8.51	14.72	7.06	20.61	10.26	12.93	44.86	44.66	0.2	91	83.1	26.161	0	0		
"2015-03-09	07:00:00"	10.46	34.39	11.54	14.72	6.066	32	12.02	12.93	43.91	43.75	0.164	92.8	84.1	26.162	0	0		
"2015-03-09	08:00:00"	9.8	35.91	11.36	14.72	5.72	32.58	13.09	11.74	42.9	42.74	0.155	94.8	85.7	26.164	0.00056	0		
"2015-03-09	09:00:00"	10.03	18.56	9.52	14.72	7.36	17.2	11.15	11.74	42.22	42.26	-0.036	95.2	85.9	26.173	44.198	0		
"2015-03-09	10:00:00"	8.17	32.11	14.01	12.93	5.312	29.1	14.67	10.54	46.76	47.44	-0.678	90.5	82.2	26.199	249.19	0		
"2015-03-09	11:00:00"	8.65	31.22	11.64	12.33	5.437	29.73	13.55	10.54	50.32	51.01	-0.696	85.1	78.05	26.242	336.2	0		
"2015-03-09	12:00:00"	9.12	38.49	16.47	13.52	5.833	35.37	18.25	11.74	54.12	54.96	-0.845	77.14	71.65	26.267	412.21	0		
"2015-03-09	13:00:00"	9.82	40.18	14.4	17.1	5.98	36.44	16.12	14.12	57.38	58.35	-0.963	67.31	63.63	26.28	528.88	0		
"2015-03-09	14:00:00"	10.84	57.14	17.57	18.3	6.972	51.91	21.66	13.52	58.16	59.46	-1.304	62.91	59.07	26.278	483.85	0		
"2015-03-09	15:00:00"	11.02	70.36	17.67	18.89	7.624	66.88	23.83	15.91	59.14	61.15	-2.007	60.19	55.58	26.261	667.09	0		
"2015-03-09	16:00:00"	10.02	65.87	18.27	17.1	6.832	60.94	23.17	14.12	59.29	61.13	-1.833	58.69	54.25	26.239	620.99	0		
"2015-03-09	17:00:00"	7.717	63.7	26.96	14.72	5.493	58.79	32.05	12.33	60.76	62.26	-1.507	54.84	51.37	26.231	588.26	0		
"2015-03-09	18:00:00"	6.847	51.52	30.68	13.52	4.872	47.68	33.3	11.14	61.37	62.43	-1.054	52.22	49.78	26.228	396.56	0		
"2015-03-09	19:00:00"	6.657	72.44	23.59	11.74	4.503	70.04	27.72	9.35	60.39	61.03	-0.64	52.98	50.48	26.223	171.69	0		
"2015-03-09	20:00:00"	5.55	62.63	25.14	8.75	3.49	59.85	28.04	7.561	58.59	58.23	0.363	55.17	53.73	26.22	39.521	0		
"2015-03-09	21:00:00"	6.435	114.5	10.68	8.75	3.213	101.4	15.8	5.175	52.94	51	1.938	69.96	68.38	26.212	0.14572	0		
"2015-03-09	22:00:00"	7.379	103.8	10.95	11.74	4.388	98.1	17.02	8.16	49.95	48.85	1.1	78.92	74.42	26.214	0	0		
"2015-03-09	23:00:00"	6.19	123.8	14.78	10.54	3.513	121	20.85	7.561	47.56	46.85	0.711	87.8	80.9	26.223	0	0		
"2015-03-10	00:00:00"	4.456	138.7	37.76	8.16	2.397	123.6	58.57	4.578	46.25	45.33	0.92	92.4	85	26.229	0	0		
"2015-03-10	01:00:00"	5.073	84.4	30	7.561	2.705	70.29	26	4.578	45.9	44.7	1.196	94	87.1	26.227	0	0		
"2015-03-10	02:00:00"	5.233	40.28	10.81	7.561	2.723	38.18	13.08	5.771	44.95	44.34	0.605	94.2	86.6	26.217	0	0		
"2015-03-10	03:00:00"	5.509	51.74	11.76	7.561	3.184	55.76	19.11	5.175	42.57	41.96	0.607	97.8	88.1	26.199	0	0		
"2015-03-10	04:00:00"	4.93	59.59	21.33	9.95	2.844	62.14	27.92	7.561	41.58	41.3	0.277	98.9	89.3	26.186	0	0		
"2015-03-10	05:00:00"	2.663	82.7	68.74	5.771	1.842	75.46	78.34	4.578	40.57	40.35	0.217	99	89.7	26.176	0	0		
"2015-03-10	06:00:00"	3.073	326.6	77.24	6.964	2.433	320.2	75.83	5.771	40.53	40.3	0.223	99.3	92.1	26.172	0	0		
"2015-03-10	07:00:00"	2.196	333.8	64.54	6.368	1.791	347.9	65.49	5.175	40.22	40.31	-0.086	99.2	93	26.188	0	0		
"2015-03-10	08:00:00"	1.995	318.2	51.2	5.175	1.817	315.8	50.34	3.982	38.8	38.79	0.002	99.2	92.9	26.205	0.01385	0		
"2015-03-10	09:00:00"	3.261	332.9	15.24	5.175	2.983	330.8	15.94	5.175	38.81	39.02	-0.219	99.4	92.7	26.219	25.511	0		
"2015-03-10	10:00:00"	3.506	291.6	37.5	7.561	3.143	289.7	41.1	6.964	41.06	41.31	-0.255	99.5	93.2	26.245	124.27	0		
"2015-03-10	11:00:00"	2.819	270.9	38.77	6.368	2.448	270.9	45.63	5.771	45.04	45.46	-0.426	98.8	94.5	26.285	252.74	0		
"2015-03-10	12:00:00"	4.256	228.3	28.07	8.16	3.505	229.3	30.55	7.561	49.63	50.32	-0.691	96.5	96.3	26.324	540.28	0		
"2015-03-10	13:00:00"	5.044	206.7	27.95	8.75	4.025	211.5	36.64	8.16	56.06	57.03	-0.969	77.99	71.21	26.357	734.6	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-10	14:00:00"	4.531	220.6	39.16	9.35	3.818	223.4	46.69	8.16	63.9	63.96	-0.057	46.57	46.35	26.375	804.07	0		
"2015-03-10	15:00:00"	4.806	223.1	57.32	14.72	3.968	223.6	59.71	11.74	67.25	67.59	-0.339	37.88	38.33	26.38	812.85	0		
"2015-03-10	16:00:00"	7.196	211.4	35.58	14.72	5.636	213.5	41.19	12.33	67.62	68.28	-0.666	35.44	35.52	26.372	756.8	0		
"2015-03-10	17:00:00"	7.66	183	40.47	13.52	5.722	188.5	44.74	11.14	68.04	69.04	-1.004	34.55	34.14	26.361	643	0		
"2015-03-10	18:00:00"	8.56	213.6	23.17	14.72	6.596	215.4	25.93	11.74	67.71	68.72	-1.002	34.65	34.21	26.358	482.73	0		
"2015-03-10	19:00:00"	6.936	183.4	31.94	14.12	4.982	187.2	37.1	11.74	67.3	68.01	-0.71	33.8	33.49	26.358	243.87	0		
"2015-03-10	20:00:00"	5.451	182.4	13.56	10.54	2.99	181.7	19.49	8.16	64.42	63.64	0.782	36.81	38.29	26.356	50.469	0		
"2015-03-10	21:00:00"	8.97	137.5	85.5	26.65	5.64	74.16	73.18	21.87	60.44	58.02	2.424	42.54	45.93	26.359	0.2653	0		
"2015-03-10	22:00:00"	16.31	12.85	13.58	27.24	11.92	11.42	15.31	22.47	56.61	56.59	0.019	54.96	52.5	26.396	0	0		
"2015-03-10	23:00:00"	13.66	13.33	14.29	21.87	9.67	13.22	15.4	16.51	55.04	54.77	0.27	63.34	61.27	26.421	0	0.01		
"2015-03-11	00:00:00"	5.873	60.48	63.16	13.52	3.562	50.31	66.61	9.35	53.66	52.73	0.929	70.14	69.37	26.397	0	0		
"2015-03-11	01:00:00"	6.783	289.5	29.05	10.54	4.6	297.8	38.63	8.16	55.04	51.53	3.515	59.13	68.85	26.382	0	0		
"2015-03-11	02:00:00"	6.881	287.6	69.63	10.54	4.047	303.1	77.68	6.964	55.47	50.75	4.722	53.94	66.56	26.382	0	0		
"2015-03-11	03:00:00"	6.17	56.1	66.26	9.95	3.439	61.59	59.51	5.771	53.84	50.47	3.369	61.24	67.34	26.387	0	0		
"2015-03-11	04:00:00"	7.169	76.48	8.27	11.74	3.827	71.97	14.04	8.16	49.87	47.97	1.899	72.51	71.69	26.392	0	0		
"2015-03-11	05:00:00"	4.698	60.87	18.09	8.16	2.242	50.94	23.31	5.175	48.66	46.47	2.187	76.3	75.27	26.378	0	0		
"2015-03-11	06:00:00"	3.799	28.82	36.11	8.75	2.058	28.88	45.99	5.175	46.18	44.33	1.845	82	78.39	26.381	0	0		
"2015-03-11	07:00:00"	4.023	28.21	16.34	7.561	1.9	28.11	28.4	5.175	45.8	43.83	1.97	81.9	79.17	26.384	0	0		
"2015-03-11	08:00:00"	6.063	16.07	15.57	11.74	3.667	16.53	24.86	8.75	45.31	44.16	1.152	82.2	77.38	26.402	0.09077	0		
"2015-03-11	09:00:00"	8.06	11.76	17.25	12.33	5.572	11.29	19.59	10.54	45.11	44.7	0.402	81.2	75.33	26.425	47.29	0		
"2015-03-11	10:00:00"	8.26	27.55	8.38	11.74	5.016	28.92	10.26	10.54	49.72	50.17	-0.452	75.78	70.15	26.457	234.13	0		
"2015-03-11	11:00:00"	7.042	19.01	12.55	9.95	4.988	18.59	15.26	9.35	56.89	57.51	-0.615	60.62	58.28	26.508	437.98	0		
"2015-03-11	12:00:00"	5.765	37.06	23.82	10.54	4.109	32.72	27.19	9.35	62.91	63.78	-0.871	46.53	46.35	26.541	621.15	0		
"2015-03-11	13:00:00"	6.273	46.03	37.4	12.93	4.647	42.31	41.44	11.14	66.14	67.27	-1.128	38.95	39.59	26.565	748.76	0		
"2015-03-11	14:00:00"	7.24	34.25	23.57	14.72	5.001	29.47	27.25	11.74	67.83	69.1	-1.272	35.48	36.09	26.576	838.04	0		
"2015-03-11	15:00:00"	7.921	63.83	39.93	15.91	5.683	58.62	46.28	13.52	68.91	70.15	-1.235	31.94	32	26.563	736.2	0		
"2015-03-11	16:00:00"	8.63	48.03	32.38	16.51	5.957	44.2	34.68	12.93	68.37	69.49	-1.125	30.41	30.32	26.547	489.6	0		
"2015-03-11	17:00:00"	7.308	81.2	47.86	16.51	5.301	79.22	55.23	12.33	69.05	70.2	-1.144	29.53	29.25	26.532	464.47	0		
"2015-03-11	18:00:00"	7.012	82.6	41.75	17.1	5.033	79.28	47.89	13.52	69.2	70.53	-1.328	30.53	29.97	26.52	389.48	0		
"2015-03-11	19:00:00"	4.218	70.54	61.05	10.54	3.164	68.08	68.16	8.75	70.3	70.96	-0.666	27.8	27.86	26.51	264.59	0		
"2015-03-11	20:00:00"	5.609	86.7	20.85	9.35	3.539	84.8	24.65	6.964	67.12	66.8	0.322	31.2	32.07	26.5	64.221	0		
"2015-03-11	21:00:00"	7.826	104.6	7.451	12.33	4.232	98.1	12.88	6.964	59.65	57.74	1.908	48.17	49.39	26.476	0.20194	0		
"2015-03-11	22:00:00"	6.947	108.6	7.168	9.95	3.547	95	12.23	5.771	55.87	53.52	2.353	55.09	56.52	26.464	0	0		
"2015-03-11	23:00:00"	8.45	109.6	6.439	12.33	4.692	100.4	12.66	8.75	54.16	51.97	2.197	54.48	55.94	26.462	0	0		
"2015-03-12	00:00:00"	9.57	106.2	7.077	13.52	6.249	103.3	12.64	10.54	52.66	51.6	1.052	50.1	49.55	26.467	0	0		
"2015-03-12	01:00:00"	8.44	99.1	6.629	11.14	5.061	92.7	13.15	8.16	49.16	47.73	1.425	55.89	54.99	26.458	0	0		
"2015-03-12	02:00:00"	3.039	138.6	41.63	9.95	1.777	342.9	98.2	5.175	47.33	45.43	1.903	60.11	59.42	26.445	0	0		
"2015-03-12	03:00:00"	8.05	92.1	8.26	11.74	4.234	80.3	12.44	6.964	46.78	44.4	2.375	65.48	64.86	26.427	0	0		
"2015-03-12	04:00:00"	7.667	75.4	5.215	9.95	4.374	63.11	10.87	6.368	45.36	43.48	1.888	72.9	69.94	26.414	0	0		
"2015-03-12	05:00:00"	6.344	69.82	6.723	8.75	3.466	58.37	10.49	6.368	45.71	43.4	2.309	74.68	72.46	26.395	0	0		
"2015-03-12	06:00:00"	5.016	91.6	7.855	6.368	2.72	66.39	8.26	4.578	46.66	43.41	3.256	72.38	72.44	26.383	0	0		
"2015-03-12	07:00:00"	2.298	60.1	50.66	5.175	1.366	359.2	62.27	3.386	45.07	41.13	3.945	75.59	75.22	26.375	0	0		
"2015-03-12	08:00:00"	2.615	44.72	13	5.175	1.351	19.69	69.59	3.386	45.21	39.92	5.291	74.92	78.12	26.366	0.14678	0		
"2015-03-12	09:00:00"	4.241	71.71	7.804	6.368	2.202	58.86	11.27	3.982	47.09	44.55	2.539	73.23	72.95	26.376	56.149	0		
"2015-03-12	10:00:00"	7.011	108.7	15.2	11.14	5.006	105.9	21.85	9.95	51.52	52.21	-0.69	70.38	65.23	26.423	252.98	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-12	11:00:00"	9.55	136.1	14.32	14.72	6.697	138	20.41	11.14	56.48	57.7	-1.218	56.18	52.1	26.475	458.26	0		
"2015-03-12	12:00:00"	7.398	163.5	24.59	12.33	5.39	165	31.14	9.95	60.4	61.54	-1.139	44.38	42.21	26.497	641.8	0		
"2015-03-12	13:00:00"	6.749	149.3	43.98	16.51	4.967	149.2	52.61	12.33	63.6	64.63	-1.032	34.95	34.01	26.5	769.73	0		
"2015-03-12	14:00:00"	7.368	114.6	36.58	15.31	5.54	112.7	42.42	13.52	65.38	66.67	-1.286	28.81	27.77	26.492	836.91	0		
"2015-03-12	15:00:00"	7.567	141.6	52.41	17.1	5.776	143.6	58.25	13.52	66.85	68.06	-1.21	26.65	25.56	26.466	838.28	0		
"2015-03-12	16:00:00"	7.133	122.5	80.9	15.31	5.443	115.9	85.5	11.74	68.1	69.08	-0.987	23.92	23.05	26.436	779.39	0		
"2015-03-12	17:00:00"	6.07	171.8	66.65	11.74	4.792	178.9	71.75	9.95	68.86	69.59	-0.726	22.8	21.87	26.417	659.46	0		
"2015-03-12	18:00:00"	4.593	128.2	91.6	11.14	3.763	126.4	92.2	10.54	69.99	70.35	-0.364	20.73	20.11	26.404	490.16	0		
"2015-03-12	19:00:00"	5.3	147.3	63.14	12.33	3.947	154.8	69.19	9.35	68.36	68.96	-0.593	22.09	21.02	26.396	262.59	0		
"2015-03-12	20:00:00"	5.493	160.7	21.23	11.74	3.017	150.8	23.39	8.75	64.3	62.83	1.469	25.12	25.94	26.386	38.676	0		
"2015-03-12	21:00:00"	4.201	136	16.38	6.964	2.347	107.6	35.2	4.578	60.24	56.38	3.863	29.77	34.35	26.36	0.17532	0		
"2015-03-12	22:00:00"	4.826	103.6	22.49	7.561	2.7	84.3	25.47	4.578	55.87	53.56	2.317	39.98	41.77	26.343	0	0		
"2015-03-12	23:00:00"	5.412	104.1	9.24	8.75	2.812	75.88	11.84	4.578	52.89	49.75	3.148	46.52	49.67	26.326	0	0		
"2015-03-13	00:00:00"	7.37	116.4	7.306	10.54	3.204	94.6	11.01	5.771	52.78	47.07	5.703	47.88	55.42	26.311	0	0		
"2015-03-13	01:00:00"	4.126	122.3	20.44	6.368	2.067	72.42	22.14	3.982	50.6	47.26	3.334	51.1	54.05	26.298	0	0		
"2015-03-13	02:00:00"	6.995	121.7	7.023	9.95	3.353	85.7	12.81	5.771	52.08	46.77	5.313	48.99	54.99	26.291	0	0		
"2015-03-13	03:00:00"	3.536	216.3	77.11	7.561	1.841	26.49	86.3	4.578	48.18	44.56	3.618	56.5	59.71	26.293	0	0		
"2015-03-13	04:00:00"	3.357	290.1	63.23	6.368	1.702	312.1	41.58	4.578	49.17	43.31	5.859	53.96	62.81	26.275	0	0		
"2015-03-13	05:00:00"	3.352	6.505	40.56	7.561	2.036	14.23	55.85	6.368	47.18	42.29	4.886	59.27	65.77	26.263	0	0		
"2015-03-13	06:00:00"	4.424	6.519	24.01	10.54	2.249	21.41	27.17	6.368	47.24	43.32	3.917	58.37	62.49	26.256	0	0		
"2015-03-13	07:00:00"	8.3	19.35	9.31	14.12	5.339	21.62	13.43	11.74	44.68	43.75	0.924	64.33	60.86	26.272	0	0		
"2015-03-13	08:00:00"	10.04	10.34	9.42	15.31	6.762	11.01	11.83	12.33	44.47	43.79	0.675	65.24	61.27	26.29	0.18679	0		
"2015-03-13	09:00:00"	8.84	18.85	9.01	14.12	5.814	19.56	13.58	9.95	46.67	45.95	0.723	59.33	56.64	26.304	59.536	0		
"2015-03-13	10:00:00"	6.2	4.03	13.62	11.14	4.679	4.006	15.23	9.35	52.9	53.57	-0.674	51.97	49.54	26.34	269.44	0		
"2015-03-13	11:00:00"	6.517	323.2	18.08	10.54	5.436	323.3	19.17	9.95	59.72	60.13	-0.407	43.52	42.96	26.389	463.03	0		
"2015-03-13	12:00:00"	7.15	323	19.99	13.52	5.88	323.8	22.98	11.74	63.51	63.98	-0.469	35.11	35.34	26.42	636.37	0		
"2015-03-13	13:00:00"	10.26	356.9	24.81	17.1	7.969	355.9	26.48	15.31	66.26	67.33	-1.076	27.58	27.24	26.437	774.87	0		
"2015-03-13	14:00:00"	10.76	11.63	27.3	21.87	7.992	8.66	29.58	21.87	68.1	69.25	-1.145	25.33	24.85	26.436	803.87	0		
"2015-03-13	15:00:00"	9.5	19.24	29.36	19.49	6.635	15.44	33.36	17.1	69.31	70.3	-0.981	22.91	22.4	26.418	665.05	0		
"2015-03-13	16:00:00"	11.91	44.28	21.09	25.45	7.739	39.62	22.39	18.3	68.85	70.14	-1.29	24.17	23.18	26.396	555.03	0		
"2015-03-13	17:00:00"	11.97	32.79	21.25	24.26	7.637	30.53	23.32	17.7	68.84	69.65	-0.804	24.64	23.91	26.383	369.21	0		
"2015-03-13	18:00:00"	13.69	40.37	15.97	23.07	8.08	37.65	17.72	17.1	69.27	70.02	-0.757	23.34	22.48	26.375	343.14	0		
"2015-03-13	19:00:00"	13.31	35.9	18.33	20.68	8.33	34.18	18.8	16.51	67.58	67.55	0.027	23.05	22.33	26.371	79.026	0		
"2015-03-13	20:00:00"	9.92	49.32	10.01	21.28	5.553	45.71	13.3	15.91	65.3	64.63	0.676	25	24.73	26.374	15.814	0		
"2015-03-13	21:00:00"	6.099	42.62	13.05	9.35	3.209	42.97	15.91	6.368	60.63	59.13	1.502	30.02	30.54	26.364	0.21676	0		
"2015-03-13	22:00:00"	6.038	34.57	8.28	9.35	2.835	34.83	10.24	6.368	57.32	55.88	1.448	33.53	33.83	26.359	0	0		
"2015-03-13	23:00:00"	8.97	26.22	7.263	12.33	5.42	24.5	9.53	9.35	54.95	54.18	0.764	38.48	37.75	26.373	0	0		
"2015-03-14	00:00:00"	9.88	22.26	8.44	14.12	6.508	22.05	9.7	11.74	53.77	53.19	0.573	41.67	40.36	26.386	0	0		
"2015-03-14	01:00:00"	11.01	20.57	9.23	15.31	7.544	20.16	10.85	12.93	52.86	52.34	0.518	43.12	41.49	26.39	0	0		
"2015-03-14	02:00:00"	10.51	16.58	9.98	15.31	7.346	16.21	11.86	12.33	51.87	51.34	0.528	45.32	43.36	26.389	0	0		
"2015-03-14	03:00:00"	10.81	14.36	9.55	15.31	7.742	14.31	11.02	14.12	50.47	50.01	0.46	48.32	45.69	26.391	0	0		
"2015-03-14	04:00:00"	11.71	11.71	8.54	16.51	8.55	12.08	11.62	13.52	48.6	48.32	0.282	51.65	48.2	26.397	0	0		
"2015-03-14	05:00:00"	11.78	13.87	11.29	18.89	8.36	13.19	12.66	14.72	49.05	48.89	0.168	52.23	48.62	26.399	0	0		
"2015-03-14	06:00:00"	11.78	24.78	14.84	17.1	7.491	22.94	15.93	14.12	49.27	49.06	0.215	55.17	51.28	26.411	0	0		
"2015-03-14	07:00:00"	10.81	29.69	11.97	18.3	6.71	27.62	12.17	15.31	47.91	47.72	0.195	59.08	54.59	26.423	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-14	08:00:00"	12.27	24.43	8.82	17.1	8.07	23.25	11.05	16.51	48.27	48.13	0.139	58.92	54.45	26.442	0.18367		0	
"2015-03-14	09:00:00"	11.64	19.63	9.58	17.7	8.38	19.26	11.28	16.51	48.04	47.92	0.12	59.45	54.9	26.468	20.686		0	
"2015-03-14	10:00:00"	12.17	27.66	9.83	19.49	7.444	26.57	11.09	15.31	51.01	50.99	0.017	53.16	49.75	26.498	91.088		0	
"2015-03-14	11:00:00"	13.99	34.52	9.86	21.28	7.983	31.55	11.25	16.51	55.31	55.65	-0.341	44.42	42.43	26.53	331.23		0	
"2015-03-14	12:00:00"	12.89	42.82	14.18	21.28	7.667	38.39	16.23	17.7	60.48	61.68	-1.196	36.98	35.7	26.558	640.79		0	
"2015-03-14	13:00:00"	12.69	41.62	18.17	23.66	8.24	37.5	20.24	17.7	63.06	64.51	-1.444	31.68	30.35	26.575	768.04		0	
"2015-03-14	14:00:00"	16.74	36.22	15	30.22	10.35	32.51	16.98	22.47	63.95	65.43	-1.486	28.3	26.73	26.57	810.12		0	
"2015-03-14	15:00:00"	15.95	36.69	17.09	26.65	9.83	34.13	18.02	20.68	64.5	65.77	-1.272	26.22	24.63	26.55	756.42		0	
"2015-03-14	16:00:00"	15.79	33.67	17.96	27.24	9.99	30.38	19.25	22.47	65.35	66.69	-1.343	23.9	22.21	26.529	781.54		0	
"2015-03-14	17:00:00"	14.27	37.08	16.15	23.66	8.76	33.5	17.77	19.49	66.02	67.22	-1.192	22.98	21.33	26.52	633.73		0	
"2015-03-14	18:00:00"	13.55	39.72	17.35	22.47	8.42	36.17	19.31	18.89	65.46	66.49	-1.029	22.5	20.73	26.518	384.67		0	
"2015-03-14	19:00:00"	11.03	33.9	17.18	18.89	6.976	30.5	17.22	15.31	65.24	65.79	-0.547	22.2	20.61	26.51	216.61		0	
"2015-03-14	20:00:00"	9.81	55.45	12	17.1	6.06	52.23	15.35	12.93	63.49	63.22	0.271	21.93	20.69	26.508	54.07		0	
"2015-03-14	21:00:00"	7.93	51.77	8.4	13.52	4.52	49.65	12.9	8.75	58.42	57.27	1.154	25.27	24.44	26.494	0.44626		0	
"2015-03-14	22:00:00"	8.84	45.79	9.27	13.52	4.599	41.79	12.64	8.75	56.22	55.16	1.057	26.37	25.26	26.483	0		0	
"2015-03-14	23:00:00"	8.05	37.9	10.17	12.33	4.24	31.87	11.36	8.16	52.44	51.55	0.896	30.81	29.48	26.494	0		0	
"2015-03-15	00:00:00"	9.07	32.3	8.37	11.74	4.753	30.53	9.18	8.75	49.59	48.98	0.616	34.02	32.22	26.495	0		0	
"2015-03-15	01:00:00"	8.49	35.29	8.92	12.33	4.28	33.57	10.37	8.16	47.89	47.18	0.718	35.62	33.88	26.488	0		0	
"2015-03-15	02:00:00"	8.05	37.32	8.7	12.93	4.017	37.06	10.69	7.561	46.62	45.82	0.798	36.82	35.21	26.481	0		0	
"2015-03-15	03:00:00"	8.09	50.17	7.598	11.14	4.54	47.75	11.77	8.16	47.14	45.5	1.636	33.53	33.38	26.473	0		0	
"2015-03-15	04:00:00"	7.745	45.45	10.07	11.74	4.141	43.38	12.65	7.561	45.58	44.5	1.081	34.78	33.42	26.471	0		0	
"2015-03-15	05:00:00"	7.781	50.67	10.84	12.93	4.879	49.47	16.37	8.75	44.81	43.7	1.119	34.85	33.47	26.461	0		0	
"2015-03-15	06:00:00"	7.211	35.1	7.889	9.95	3.656	34.62	10.44	6.368	41.38	40.61	0.768	41.34	38.83	26.453	0		0	
"2015-03-15	07:00:00"	8.29	33.61	8.64	12.33	4.313	37.34	13.83	9.95	41.97	40.59	1.386	40.34	39.01	26.453	0		0	
"2015-03-15	08:00:00"	9.54	23.24	9.63	14.12	5.599	23.61	13.76	10.54	39.96	39.14	0.824	45.09	42.11	26.462	0.3027		0	
"2015-03-15	09:00:00"	6.217	7.196	27.05	9.95	3.979	3.868	31.55	8.16	41.32	41.12	0.207	44.32	41.04	26.473	72.596		0	
"2015-03-15	10:00:00"	3.552	12.44	20.92	6.964	2.733	8.22	22.08	6.368	48.95	50.07	-1.12	37.72	35.08	26.529	282.22		0	
"2015-03-15	11:00:00"	3.43	22.28	32.37	6.368	2.795	13.35	34.8	5.771	58.28	58.84	-0.557	28.89	27.71	26.585	486.17		0	
"2015-03-15	12:00:00"	3.529	326.5	96.8	10.54	2.999	323.7	87.1	8.75	63.84	64.06	-0.219	22.7	21.7	26.625	665.43		0	
"2015-03-15	13:00:00"	5.346	140.7	55.67	14.12	4.174	140.2	60.73	12.33	65.26	65.84	-0.579	19.26	17.47	26.646	790.2		0	
"2015-03-15	14:00:00"	6.175	88	41.41	13.52	4.831	84	50.33	12.33	66.05	67.15	-1.106	17.13	15.25	26.632	856.56		0	
"2015-03-15	15:00:00"	5.445	96.9	81.2	13.52	4.239	73.66	86	12.33	68.81	69.13	-0.317	14.62	13.2	26.61	858.1		0	
"2015-03-15	16:00:00"	6.84	90.3	42.38	17.7	5.241	87.2	50.82	15.91	68.1	69.2	-1.093	14.65	12.52	26.581	799.72		0	
"2015-03-15	17:00:00"	5.79	90.5	57.35	15.31	4.248	80.3	68.21	12.93	69.68	70.42	-0.739	13.17	11.28	26.563	652.58		0	
"2015-03-15	18:00:00"	6.144	142.2	52.33	15.31	4.559	145.8	60.78	12.93	69.71	70.79	-1.075	14.18	11.96	26.554	514.1		0	
"2015-03-15	19:00:00"	7.624	149.5	22.37	12.33	5.281	150.9	28.91	11.14	67.57	68.41	-0.845	16.57	14.32	26.549	266.32		0	
"2015-03-15	20:00:00"	7.059	128.6	16.34	11.74	4.743	129.2	21.11	8.16	66.32	66.5	-0.186	19.01	17.15	26.543	125.51		0	
"2015-03-15	21:00:00"	8.46	129.1	9.02	11.14	4.404	126	14.93	8.16	59.78	58.38	1.407	27.35	27.17	26.533	1.4749		0	
"2015-03-15	22:00:00"	7.971	122.5	8.61	11.14	4.23	117.6	13.65	7.561	56.41	55.09	1.319	34.75	35.23	26.52	0		0	
"2015-03-15	23:00:00"	6.264	140.1	11.57	8.75	2.148	125	24.15	4.578	54.71	51.74	2.969	36.59	39.51	26.511	0		0	
"2015-03-16	00:00:00"	7.89	131.1	6.141	9.95	3.65	119.9	14.17	5.771	53.59	51.06	2.538	39.07	41.74	26.496	0		0	
"2015-03-16	01:00:00"	7.645	140.1	7.036	9.95	3.464	136.7	13.67	5.771	53.4	51.73	1.673	37.31	38.4	26.489	0		0	
"2015-03-16	02:00:00"	4.733	160.6	29.4	8.75	1.974	165.1	66.01	4.578	51.87	50.26	1.605	40.95	41.42	26.475	0		0	
"2015-03-16	03:00:00"	3.771	205.1	24.16	5.771	1.434	230	47.18	2.789	51.58	49.82	1.76	43.91	44.78	26.468	0		0	
"2015-03-16	04:00:00"	3.183	187.2	41.88	5.175	1.397	189.4	74.7	3.386	51.14	49.55	1.592	46.93	47.09	26.455	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-16	05:00:00"	3.833	239.9	28.28	6.964	2.019	251.6	52.79	5.175	50.17	48.14	2.031	49.98	50.92	26.443	0	0		
"2015-03-16	06:00:00"	2.549	251.8	18.72	3.982	1.034	310.9	51.59	2.193	50.2	47.65	2.545	49.74	52.4	26.426	0	0		
"2015-03-16	07:00:00"	3.323	197.4	14.21	4.578	1.136	135.2	59.86	2.193	49.73	46.81	2.918	50.67	52.72	26.422	0	0		
"2015-03-16	08:00:00"	2.831	170.2	20.42	3.982	1.533	84.5	16.47	2.789	48.59	46.19	2.396	53.13	53.81	26.424	0.15212	0		
"2015-03-16	09:00:00"	4.2	140.4	13.94	8.75	2.035	106.8	30.53	5.175	49.03	47.22	1.814	55.41	54.88	26.429	48.285	0		
"2015-03-16	10:00:00"	7.642	161.3	12.34	12.93	5.085	163.2	18.42	9.95	56.12	56.78	-0.665	51.84	48.46	26.464	265.82	0		
"2015-03-16	11:00:00"	11.92	173.4	12.12	17.1	7.962	176.1	18.15	14.12	61.88	63.15	-1.273	42.53	40.37	26.518	445.18	0		
"2015-03-16	12:00:00"	8.92	170.4	17.27	14.72	6.311	174.4	21.88	11.14	64.86	66.14	-1.279	36.16	34.77	26.536	559.62	0		
"2015-03-16	13:00:00"	9.69	168.2	20.63	17.7	6.779	171	26.2	14.72	67.58	69.21	-1.628	32.63	31.16	26.545	729.53	0		
"2015-03-16	14:00:00"	9.45	167.2	26.57	19.49	6.898	169.9	33.05	14.12	70.48	71.96	-1.483	29.63	28.53	26.536	808.99	0		
"2015-03-16	15:00:00"	10.7	175.6	20.24	20.09	7.587	178.8	25.78	15.91	72.06	73.71	-1.649	31.53	30.5	26.518	817.42	0		
"2015-03-16	16:00:00"	12.25	178.5	19.51	23.66	8.54	183	24.08	18.89	72.89	74.77	-1.88	32.94	31.89	26.501	760.58	0		
"2015-03-16	17:00:00"	13.02	179.9	17.66	21.87	8.87	183.3	23.1	16.51	73.74	75.47	-1.731	33.8	33	26.491	633.38	0		
"2015-03-16	18:00:00"	12.11	191.1	17.81	21.28	8.66	195	21.01	15.31	73.2	74.67	-1.476	37	36.36	26.481	469.37	0		
"2015-03-16	19:00:00"	11.5	181.4	15.83	17.7	7.667	186	19.92	14.12	72.68	73.79	-1.114	38.53	38.28	26.46	260.32	0		
"2015-03-16	20:00:00"	9.43	163.1	12.34	17.1	5.522	163.8	18.58	11.74	69.8	69.42	0.385	42.62	43.3	26.439	41.25	0		
"2015-03-16	21:00:00"	9.84	150.4	9.2	14.12	5.607	150.3	15.72	9.95	64.91	63.92	0.989	50.87	50.87	26.415	0.44366	0		
"2015-03-16	22:00:00"	9.63	152.4	7.962	13.52	5.37	152.8	14.82	10.54	62.11	61.28	0.83	57.16	55.97	26.409	0	0		
"2015-03-16	23:00:00"	6.701	141.6	6.269	9.35	2.922	132.9	12.94	5.175	58.73	56.76	1.964	64.07	63.48	26.402	0	0		
"2015-03-17	00:00:00"	4.042	128.9	11.39	7.561	1.739	81.9	23.89	3.386	56.51	54.55	1.955	69.7	68.3	26.382	0	0		
"2015-03-17	01:00:00"	5.836	141.9	8.07	7.561	2.078	118.3	18.7	3.982	55.67	53.02	2.653	72	71.93	26.365	0	0		
"2015-03-17	02:00:00"	6.683	155.3	14.83	11.74	3.273	139.3	37.31	7.561	55.21	53.4	1.812	74.55	72.99	26.365	0	0		
"2015-03-17	03:00:00"	8.13	176.7	11.33	15.31	4.937	181.2	17.29	10.54	57	56.7	0.307	73.68	69.64	26.374	0	0		
"2015-03-17	04:00:00"	9.04	190.4	8.89	15.91	5.853	194.7	14.25	11.14	57.7	57.5	0.199	73.56	69.3	26.385	0	0		
"2015-03-17	05:00:00"	6.828	201	10.58	11.74	4.382	204.4	13.57	8.75	57.31	57.11	0.196	75.74	71.13	26.373	0	0		
"2015-03-17	06:00:00"	5.047	183.4	21.41	7.561	2.421	177.7	39.38	5.175	55.89	55.16	0.733	79.61	75.07	26.359	0	0		
"2015-03-17	07:00:00"	3.321	136.2	28.54	6.368	1.697	109.4	42.72	3.982	53.69	52.32	1.376	84.7	80.2	26.35	0	0		
"2015-03-17	08:00:00"	3.271	153.4	34.6	6.964	1.246	78.36	66.39	2.789	51.97	50.14	1.826	88.3	84.2	26.338	0.18757	0		
"2015-03-17	09:00:00"	3.077	97.9	26.57	5.175	1.758	72.66	31.66	3.982	52.76	51.82	0.936	87.8	83.3	26.336	33.267	0		
"2015-03-17	10:00:00"	3.314	191	59.38	7.561	2.244	205.8	71.99	6.368	55.88	55.88	0.004	82.1	76.86	26.362	53.525	0		
"2015-03-17	11:00:00"	8.8	52.35	44.51	20.09	5.293	48.15	44.57	15.31	55.55	55.51	0.035	85.1	80.2	26.423	49.627	0.04		
"2015-03-17	12:00:00"	10.44	65.97	15.37	24.26	6.557	62.74	20.29	17.7	56.22	56.32	-0.1	88.1	83.7	26.427	117.74	0.03		
"2015-03-17	13:00:00"	20.75	37.56	9.76	33.21	11.13	33.81	11.4	24.26	55.87	55.93	-0.056	70.59	68.59	26.425	310.53	0		
"2015-03-17	14:00:00"	20.75	39.49	9.97	32.61	11.22	35.43	11.72	25.45	52.92	53.04	-0.116	69.52	66.1	26.416	128.03	0		
"2015-03-17	15:00:00"	18.09	34.7	9.52	27.84	10.09	31.67	11.45	23.66	49.33	49.4	-0.07	75.33	70.49	26.396	71.825	0		
"2015-03-17	16:00:00"	15.76	31.95	10.19	24.86	9.13	29.76	11.58	19.49	49.53	49.6	-0.07	74.13	69.31	26.368	90.233	0		
"2015-03-17	17:00:00"	18.56	33	10.04	27.24	10.54	30.22	11.36	22.47	50.46	50.56	-0.101	68.74	64.65	26.363	104.15	0		
"2015-03-17	18:00:00"	17.5	45.78	10.77	28.43	9.85	41.62	13.55	18.3	50.63	50.66	-0.024	67.63	63.61	26.364	59.799	0		
"2015-03-17	19:00:00"	16.22	52.24	10.26	25.45	9.79	48.47	14.26	20.09	49.91	49.98	-0.073	71.69	66.85	26.359	45.498	0		
"2015-03-17	20:00:00"	14.42	43.9	11.52	23.66	8.06	39.74	13.53	16.51	49.15	49.14	0.006	73.68	68.48	26.359	10.803	0		
"2015-03-17	21:00:00"	10.34	29.98	11.79	17.7	6.365	26.91	12.97	12.33	48.93	48.88	0.049	72.24	67.18	26.36	0.02113	0		
"2015-03-17	22:00:00"	10.41	26.68	10.88	17.7	6.503	25.7	11.98	12.93	49.14	49.08	0.052	68.25	63.65	26.372	0	0		
"2015-03-17	23:00:00"	8.7	22.32	22.78	15.31	5.629	19.15	23.78	14.72	48.58	48.54	0.035	69.53	64.81	26.392	0	0		
"2015-03-18	00:00:00"	9.13	43.96	14.68	15.31	5.407	41.44	16.96	12.33	46.56	46.61	-0.045	79.63	73.14	26.391	0	0		
"2015-03-18	01:00:00"	9.93	33.55	10.83	17.1	5.883	31.21	13.1	11.14	44.93	45.02	-0.081	86.2	78.35	26.362	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-18	02:00:00"	8.12	11.17	11.89	11.74	5.952	8.64	14.1	9.95	44.16	44.31	-0.148	89.8	81.9	26.353	0	0.01		
"2015-03-18	03:00:00"	7.565	11.62	11.76	11.74	5.788	10.14	13.29	10.54	43.79	43.9	-0.114	90.7	82.8	26.336	0	0		
"2015-03-18	04:00:00"	6.64	16.07	11.6	9.35	4.82	14.42	13.81	9.35	43.96	44.05	-0.087	90	82.3	26.335	0	0		
"2015-03-18	05:00:00"	6.763	357.2	14.32	9.95	5.186	354.1	15.77	8.75	43.82	43.93	-0.116	89.8	82.1	26.316	0	0		
"2015-03-18	06:00:00"	5.818	0.394	24.01	8.75	4.359	357.7	24.02	6.964	43.73	43.86	-0.129	89.8	82	26.303	0	0		
"2015-03-18	07:00:00"	5.657	55.29	11.27	8.16	3.599	52.14	16.19	6.964	43.67	43.75	-0.085	89.1	81.4	26.296	0	0		
"2015-03-18	08:00:00"	5.337	56.29	17.21	8.75	3.333	51.89	20.28	6.368	43.67	43.75	-0.077	88.6	80.9	26.302	0.13771	0		
"2015-03-18	09:00:00"	4.58	93.8	20.49	7.561	3.284	91.4	25.53	5.771	43.92	44.07	-0.153	87.9	80.3	26.306	34.473	0		
"2015-03-18	10:00:00"	2.861	188.1	56.76	7.561	2.274	196.5	71.83	6.964	46.47	46.77	-0.299	81.7	74.64	26.309	175.77	0		
"2015-03-18	11:00:00"	5.792	216.6	15.68	9.95	4.305	219.2	20.01	8.16	47.61	48.23	-0.613	81	73.52	26.319	208.53	0		
"2015-03-18	12:00:00"	7.58	220.2	15.46	12.93	5.833	223.2	19.77	11.74	50.13	50.93	-0.8	77.28	70.33	26.33	443.92	0		
"2015-03-18	13:00:00"	8.79	212.9	18.04	15.91	6.683	216.3	20.95	12.33	53.3	54.53	-1.232	72.36	65.48	26.333	778.15	0		
"2015-03-18	14:00:00"	11.45	205.9	13.68	19.49	8.39	209.1	16.93	16.51	53.79	55.36	-1.57	72.28	64.77	26.325	530.84	0		
"2015-03-18	15:00:00"	11.06	206	16.76	19.49	8.14	208.3	19.25	17.7	55.06	56.66	-1.6	70.64	63.36	26.289	606.62	0		
"2015-03-18	16:00:00"	11.78	213.3	12.88	18.89	8.5	215.1	16	15.31	54.95	56.41	-1.46	71.81	64.6	26.268	381.59	0		
"2015-03-18	17:00:00"	10.38	212.1	15.38	16.51	7.682	213.6	18.34	13.52	57.28	58.62	-1.341	68.42	62.09	26.24	573.24	0		
"2015-03-18	18:00:00"	11.45	210	13.64	18.89	8.21	212.4	16.71	15.91	59.5	60.78	-1.288	65.91	60.46	26.23	406.2	0		
"2015-03-18	19:00:00"	10.37	213.7	11.89	15.31	7.475	215.2	14.99	12.33	60.68	61.48	-0.801	65.94	61.45	26.219	247.16	0		
"2015-03-18	20:00:00"	8.4	197.2	13.53	13.52	5.627	199.7	16.57	11.74	60.67	60.83	-0.161	67.7	63.88	26.216	80.666	0		
"2015-03-18	21:00:00"	6.464	161.8	9.23	8.75	2.93	156	18.12	5.175	56.19	54.69	1.5	77.36	74.38	26.2	0.55091	0		
"2015-03-18	22:00:00"	6.326	146.1	8.83	8.75	2.664	139.7	18.37	4.578	54.02	51.99	2.029	82.5	79.89	26.184	0	0		
"2015-03-18	23:00:00"	6.74	163.8	6.626	10.54	2.948	167.5	13.16	6.368	53.56	51.76	1.801	84.9	82.3	26.18	0	0		
"2015-03-19	00:00:00"	7.545	183.7	15.05	9.95	3.94	187.8	19.7	6.368	53.25	52.14	1.111	86.8	82.7	26.183	0	0		
"2015-03-19	01:00:00"	6.379	221.1	9.73	8.75	3.735	225.4	14.26	6.368	52.09	51.39	0.695	90	84.5	26.18	0	0		
"2015-03-19	02:00:00"	5.118	221.1	12.46	9.95	2.766	228.3	19.52	6.964	51.84	50.92	0.922	91.7	86.4	26.171	0	0		
"2015-03-19	03:00:00"	3.905	213.1	17.75	6.964	1.678	212.5	47.71	3.982	51.55	49.89	1.659	94.2	88.5	26.16	0	0		
"2015-03-19	04:00:00"	5.043	222.4	10.54	8.75	2.422	235.8	31.67	5.175	51.49	49.98	1.516	95.1	90.4	26.152	0	0		
"2015-03-19	05:00:00"	2.671	218.2	22.93	5.175	1.31	279.6	60.07	2.789	50.76	49.31	1.449	96.3	90.6	26.141	0	0		
"2015-03-19	06:00:00"	2.758	214.7	78.22	8.16	1.889	73.55	80.4	3.982	49.84	47.58	2.256	98.1	90.9	26.131	0	0		
"2015-03-19	07:00:00"	3.731	207.2	17.06	6.964	1.514	226.9	50.23	3.982	49.01	47.57	1.443	99	91.2	26.135	0	0		
"2015-03-19	08:00:00"	5.645	179.3	10.02	9.35	2.456	181.2	19.68	5.175	49.78	48.62	1.159	99	91.5	26.143	0.9197	0		
"2015-03-19	09:00:00"	6.365	212.3	12.73	9.95	4.05	214.8	14.99	6.964	50.98	50.65	0.325	96.9	91.7	26.168	45.942	0		
"2015-03-19	10:00:00"	8.34	210.6	9.33	13.52	5.698	212.1	12.52	10.54	52.84	52.64	0.206	91.8	90.8	26.205	79.816	0		
"2015-03-19	11:00:00"	8.46	218.2	11.17	11.74	5.9	220.3	14.54	9.95	55.58	55.73	-0.152	85.4	80.8	26.229	164.83	0		
"2015-03-19	12:00:00"	9.78	221.6	14.33	16.51	7.232	222.3	17.92	12.93	63.01	63.88	-0.868	65.89	62.47	26.259	654.32	0		
"2015-03-19	13:00:00"	12.08	259.7	23.05	20.09	9.68	258.7	24.35	18.3	67.49	68.35	-0.853	50.9	49.95	26.293	689.16	0		
"2015-03-19	14:00:00"	13.56	264.9	19.89	21.87	10.84	264.9	21.54	18.89	71.43	72.47	-1.043	41.19	41.76	26.296	825.97	0		
"2015-03-19	15:00:00"	13.59	241.4	13.28	20.68	10.72	241.9	16.13	18.3	71.08	72.08	-1	38.98	39.38	26.297	714.57	0		
"2015-03-19	16:00:00"	12.84	241.3	18.1	22.47	10.38	240.6	20.36	18.3	73.45	74.32	-0.874	34.76	35.54	26.278	761.13	0		
"2015-03-19	17:00:00"	13.97	227.9	18.22	28.43	10.71	228.7	18.81	19.49	73.45	74.47	-1.016	34.66	35.19	26.27	545.57	0		
"2015-03-19	18:00:00"	13.59	218.4	14.29	23.66	10.04	218.9	15.81	18.89	73.71	74.91	-1.194	33.71	33.9	26.269	503.77	0		
"2015-03-19	19:00:00"	13.01	223	13.76	20.09	9.53	223.1	15.25	17.7	73.62	74.18	-0.563	31.95	32.62	26.262	260.04	0		
"2015-03-19	20:00:00"	11.21	209.8	9.41	17.1	7.55	211.2	12.25	12.93	71.97	71.76	0.204	32.74	33.94	26.267	75.079	0		
"2015-03-19	21:00:00"	8.81	213.6	8.84	14.72	5.293	214.2	12.37	11.14	68.67	67.61	1.064	36.86	38.89	26.27	1.2247	0		
"2015-03-19	22:00:00"	7.286	184.8	13.11	16.51	3.341	182.1	18.52	11.74	64.41	62.03	2.373	48.5	50.45	26.278	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-19	23:00:00"	5.851	203.7	11.7	9.95	2.645	217	44.81	5.771	61.78	59.42	2.361	64.74	65.01	26.284	0	0		
"2015-03-20	00:00:00"	10.11	25.56	93.3	27.84	6.894	46.71	51.6	23.66	59.15	57.59	1.555	74.97	72.65	26.301	0	0		
"2015-03-20	01:00:00"	19.71	27.48	9.56	29.03	12.61	25.05	11.66	24.86	53.69	53.85	-0.164	86.8	79.86	26.333	0	0		
"2015-03-20	02:00:00"	20.02	33.58	9.68	29.63	11.2	31.08	10.7	21.87	49.58	49.86	-0.276	92.5	84.1	26.34	0	0		
"2015-03-20	03:00:00"	19.35	38.58	9.27	28.43	10.46	34.83	10.94	23.66	48.02	48.31	-0.293	93.5	84.8	26.346	0	0		
"2015-03-20	04:00:00"	18.96	40.5	9.31	28.43	10.33	36.35	11.5	21.28	46.76	47.01	-0.253	94.4	85.4	26.341	0	0		
"2015-03-20	05:00:00"	16.05	36.07	11.41	24.86	9.28	33.11	12.35	18.89	45.94	46.19	-0.258	93.1	84.4	26.334	0	0		
"2015-03-20	06:00:00"	14.26	21.84	10.67	22.47	10.11	20.62	12.54	18.89	45.78	45.98	-0.201	90.2	81.7	26.343	0	0		
"2015-03-20	07:00:00"	13.09	35.73	12.65	21.87	7.705	32.67	13.63	14.72	46.38	46.51	-0.137	86.1	78.41	26.359	0	0		
"2015-03-20	08:00:00"	12.44	27.42	13.45	20.09	8.04	25.33	14.69	16.51	46.28	46.44	-0.159	86	78.13	26.381	0.00037	0		
"2015-03-20	09:00:00"	11.8	32.25	12.55	18.3	7.198	30.3	14.23	14.12	46.31	46.41	-0.1	86.4	79.06	26.405	6.3287	0		
"2015-03-20	10:00:00"	9.2	48.18	10.82	15.31	5.445	45	14.32	11.14	46.39	46.47	-0.076	89.7	82.6	26.429	22.102	0		
"2015-03-20	11:00:00"	12.04	32.41	12.54	20.09	7.315	30.03	13.83	17.7	46.3	46.51	-0.216	90.4	83	26.433	77.279	0		
"2015-03-20	12:00:00"	13.18	26.87	10.66	19.49	8.56	25.02	12.2	17.7	46.5	46.87	-0.367	89.2	81.6	26.45	148.08	0		
"2015-03-20	13:00:00"	12.57	30.52	11.95	17.7	7.773	28.21	13.52	15.31	48.3	48.77	-0.465	84.3	77.23	26.463	201.74	0		
"2015-03-20	14:00:00"	10.67	29.52	14.47	16.51	6.946	26.98	15.78	14.72	50.83	51.56	-0.729	77.9	71.55	26.463	331.11	0		
"2015-03-20	15:00:00"	8.27	26.19	17.12	14.72	5.722	23.58	19.05	12.93	53.94	54.8	-0.859	71.79	66.54	26.462	348.15	0		
"2015-03-20	16:00:00"	5.467	53.63	53.26	11.14	4.032	50.47	57.49	8.16	57.87	58.64	-0.763	64.52	60.84	26.461	404.53	0		
"2015-03-20	17:00:00"	3.542	107.1	82.3	8.75	2.792	115.2	87.8	7.561	60.09	60.64	-0.544	60.91	57.9	26.464	309.25	0		
"2015-03-20	18:00:00"	4.344	96.9	48.43	10.54	3.378	94.1	49.63	9.95	60.45	61.08	-0.629	60.27	57.11	26.457	288.21	0		
"2015-03-20	19:00:00"	4.231	120	50.71	8.75	3.169	126.8	62.95	6.964	60.49	60.91	-0.417	60.29	57.22	26.445	188.15	0		
"2015-03-20	20:00:00"	7.034	120.6	26.75	12.33	4.543	120	32.29	9.35	57.83	57.94	-0.105	67.78	63.7	26.431	48.638	0		
"2015-03-20	21:00:00"	5.152	149.1	6.735	8.75	2.305	144	14.54	5.771	53.2	52.21	0.991	79.5	74.61	26.413	1.0261	0		
"2015-03-20	22:00:00"	3.198	200.5	22.22	4.578	1.169	221	60.36	2.193	51.55	49.88	1.67	83.9	79.54	26.404	0	0		
"2015-03-20	23:00:00"	2.15	234.1	36.03	3.982	1.286	331.6	70.47	2.193	50.93	49.38	1.546	86.5	81.9	26.405	0	0		
"2015-03-21	00:00:00"	1.04	166.6	82.4	2.193	1.464	78.56	43.95	2.789	50.51	48.97	1.532	88	83	26.404	0	0		
"2015-03-21	01:00:00"	2.732	175	12.25	5.771	1.704	127.2	27.4	2.789	50.48	48.74	1.74	88.7	84	26.404	0	0		
"2015-03-21	02:00:00"	1.76	192.4	73.07	4.578	1.379	341.8	91	2.789	49.61	48.39	1.22	90.7	85.2	26.39	0	0		
"2015-03-21	03:00:00"	4.346	216.2	30.82	6.368	2.381	208.8	25.91	3.982	49.28	48.14	1.147	91.5	85.9	26.392	0	0		
"2015-03-21	04:00:00"	3.935	181.1	17.83	6.368	2.067	173.9	27.22	3.386	48.56	48.12	0.448	95.6	88	26.374	0	0		
"2015-03-21	05:00:00"	2.882	202.2	23.62	5.175	1.401	195.7	29.97	2.789	48.05	47.46	0.583	96.8	89.5	26.352	0	0		
"2015-03-21	06:00:00"	1.691	188.8	73.55	3.386	1.642	48.73	74.48	2.789	47.76	46.74	1.027	97.7	89.9	26.329	0	0		
"2015-03-21	07:00:00"	2.35	72.7	50.47	3.982	1.794	65.38	41.54	2.789	47.8	47.41	0.393	98.3	90.7	26.333	0	0		
"2015-03-21	08:00:00"	2.048	156	36.58	4.578	1.439	117	66.77	2.789	47.79	47.21	0.577	98.2	90.8	26.348	0.0866	0		
"2015-03-21	09:00:00"	2.852	316.5	19.2	5.175	2.229	322.3	19.41	3.982	48.58	48.47	0.106	97.5	91.1	26.362	14.698	0		
"2015-03-21	10:00:00"	2.071	339.9	83.1	4.578	1.882	340.6	81.8	3.982	50.04	49.98	0.053	94.3	88.9	26.385	35.026	0		
"2015-03-21	11:00:00"	3.775	303.7	15.38	6.368	3.214	306	18.58	5.175	50.69	50.77	-0.088	93.5	87.1	26.411	47.87	0.01		
"2015-03-21	12:00:00"	6.037	8.55	23.99	11.14	4.373	5.593	24.73	8.16	51.44	51.62	-0.188	92.1	86.3	26.409	130.85	0.06		
"2015-03-21	13:00:00"	9.34	64.52	15.23	13.52	6.026	60.14	19.65	11.14	52.91	53.44	-0.535	86.9	82.1	26.394	230.55	0		
"2015-03-21	14:00:00"	9.97	73.95	11.79	15.91	6.78	69.66	17.94	11.74	53.78	54.44	-0.659	83.4	78.48	26.373	207.47	0		
"2015-03-21	15:00:00"	9.36	77.6	13.45	14.12	6.488	74.5	19.91	11.74	54.44	55.11	-0.663	82.1	76.58	26.35	171.52	0		
"2015-03-21	16:00:00"	6.777	58.55	21.79	11.14	4.535	54.04	24.67	8.16	55.2	55.74	-0.535	82.5	77.1	26.331	144.94	0.01		
"2015-03-21	17:00:00"	5.371	33.41	12.41	8.16	3.281	31.83	13.41	6.368	54.62	54.71	-0.087	85.7	80.7	26.314	76.635	0.01		
"2015-03-21	18:00:00"	5.917	15.91	13.05	8.75	4.259	14.61	15.36	8.16	54.32	54.43	-0.109	87	81.3	26.304	41.414	0.01		
"2015-03-21	19:00:00"	4.22	2.271	13.99	7.561	3.176	357.6	15.19	5.771	54.26	54.36	-0.092	87.1	81.6	26.307	34.205	0.01		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-21	20:00:00"	3.328	71.69	34.41	5.175	2.171	72.25	39.39	3.386	53.75	53.7	0.051	90.7	85.3	26.31	17.582	0.03		
"2015-03-21	21:00:00"	2.372	154.9	65.06	4.578	1.477	160.7	84	2.789	53.04	52.76	0.276	94.4	88.8	26.305	0.15832	0		
"2015-03-21	22:00:00"	3.064	63.28	27.92	4.578	2.004	67.33	38.87	3.386	52.38	51.48	0.901	95.5	90.1	26.305	0	0		
"2015-03-21	23:00:00"	5.607	140.4	14.21	8.16	2.712	140.3	20.47	4.578	51.2	49.86	1.337	97.1	90.7	26.302	0	0		
"2015-03-22	00:00:00"	2.596	183.2	25.33	5.175	1.305	241.5	70.97	2.789	50.95	50.12	0.833	97.9	91.3	26.315	0	0		
"2015-03-22	01:00:00"	4.347	249.4	7.683	8.16	2.992	253	14.89	6.368	50.9	50.38	0.517	98.4	91.4	26.318	0	0		
"2015-03-22	02:00:00"	6.297	248.2	11.71	9.35	4.874	246.9	13.57	8.16	51.55	51.49	0.056	97.9	91.6	26.32	0	0		
"2015-03-22	03:00:00"	6.225	224.3	11.7	11.14	4.346	224	14.04	8.75	51.8	51.54	0.265	92.6	89.9	26.316	0	0		
"2015-03-22	04:00:00"	4.9	210.4	7.839	8.16	2.931	209.9	11.1	5.771	51.48	51.04	0.437	91.1	87.1	26.305	0	0		
"2015-03-22	05:00:00"	4.65	195.7	7.262	6.368	2.107	193.2	12.54	3.982	50.15	48.76	1.387	94.8	88.4	26.28	0	0		
"2015-03-22	06:00:00"	5.272	211.9	10.66	6.368	2.447	211.2	20.02	3.982	48.44	46.65	1.795	96.7	90.4	26.255	0	0		
"2015-03-22	07:00:00"	4.267	243.6	6.941	6.368	2.751	243.8	12.12	4.578	45.12	44.76	0.361	98.3	92.1	26.248	0	0		
"2015-03-22	08:00:00"	1.968	234.1	17.74	4.578	1.397	193.2	62.94	2.789	44.74	44.4	0.336	99.1	95.3	26.245	0.7035	0		
"2015-03-22	09:00:00"	2.897	235.2	13.08	4.578	2.339	232.1	15.88	3.982	45.01	45.15	-0.147	99.1	95.3	26.255	48.577	0		
"2015-03-22	10:00:00"	3.964	216.8	18.83	6.964	3.137	219.4	20.37	5.771	48.53	48.86	-0.333	98.1	97	26.28	275.25	0		
"2015-03-22	11:00:00"	4.534	244.8	35.27	7.561	3.638	244.2	36.46	7.561	54.3	55.22	-0.929	93.3	91.3	26.318	505.37	0		
"2015-03-22	12:00:00"	5.953	264.1	24.86	9.95	4.855	261.2	27.44	9.35	61.4	62.26	-0.86	70.62	67.8	26.355	679.87	0		
"2015-03-22	13:00:00"	8.89	299.9	20.32	17.1	7.468	298.6	25.2	15.91	68.65	69.05	-0.4	45.19	47.15	26.375	802.08	0		
"2015-03-22	14:00:00"	8.4	298.8	26.31	14.72	7.076	297.3	27.76	13.52	73.26	73.58	-0.326	33.31	36.03	26.382	864.04	0		
"2015-03-22	15:00:00"	9.45	304.8	23.28	19.49	7.957	304.9	24.92	15.31	76.87	77.3	-0.425	22.43	24.45	26.377	873.42	0		
"2015-03-22	16:00:00"	8.26	294	32.46	17.1	6.849	292.6	35.41	15.31	79.22	79.79	-0.568	16.56	17.7	26.374	810.04	0		
"2015-03-22	17:00:00"	8.98	293.8	27.55	18.89	7.53	293.7	31.07	15.31	80.3	80.8	-0.508	13.4	13.92	26.372	688.37	0		
"2015-03-22	18:00:00"	10.53	318.9	23.46	18.89	8.73	319	25.09	17.1	80.4	80.9	-0.517	10.63	10.38	26.364	514.97	0		
"2015-03-22	19:00:00"	10.42	299.4	16.42	18.3	8.48	299.6	18.7	15.31	80.1	80.3	-0.257	9.8	9.49	26.359	305.86	0		
"2015-03-22	20:00:00"	7.186	327.4	10.95	13.52	5.159	329.1	12.62	11.14	78.17	77.09	1.079	10.44	11.86	26.354	92.62	0		
"2015-03-22	21:00:00"	3.492	280.9	51.66	6.368	1.52	338.1	87.1	4.578	72.64	66.76	5.883	14.75	23.74	26.335	1.0535	0		
"2015-03-22	22:00:00"	4.686	207.7	24.14	14.12	2.646	178.8	83.8	9.35	67.59	63	4.591	26.62	35.64	26.323	0	0		
"2015-03-22	23:00:00"	3.546	223.5	13.67	6.368	1.183	207.9	53.74	2.193	63.67	59.46	4.211	39.99	44.83	26.323	0	0		
"2015-03-23	00:00:00"	2.936	200.9	22.49	5.175	1.526	99.5	45.9	3.386	61.15	57.05	4.105	47.76	52.81	26.312	0	0		
"2015-03-23	01:00:00"	4.742	161.4	9.58	8.16	2.565	103.2	11.53	3.982	59.39	54.98	4.408	51.38	58.8	26.306	0	0		
"2015-03-23	02:00:00"	5.32	158.4	7.228	8.16	1.966	122.2	23.02	3.982	56.04	51.96	4.08	60.2	64.35	26.296	0	0		
"2015-03-23	03:00:00"	2.017	208.8	37.45	3.982	1.235	340.7	63.86	2.789	54.01	50.75	3.263	66.6	68.88	26.285	0	0		
"2015-03-23	04:00:00"	1.59	199.1	29.04	3.386	1.247	54.17	59.77	2.789	52.48	49.33	3.148	70.24	72.39	26.27	0	0		
"2015-03-23	05:00:00"	1.546	239.1	40.49	4.578	1.445	24.19	74.31	2.789	51.58	48.5	3.087	70.75	73.9	26.258	0	0		
"2015-03-23	06:00:00"	4.243	235.8	21.62	10.54	1.749	310.4	76.48	5.175	51.28	46.34	4.935	71.38	76.92	26.251	0	0		
"2015-03-23	07:00:00"	3.023	269.5	24.2	5.175	1.59	282.3	69.48	3.386	50.78	46.28	4.499	72.08	75.89	26.244	0	0		
"2015-03-23	08:00:00"	2.328	249.9	21.15	4.578	1.274	70.24	77.78	2.789	49.89	45.01	4.881	73.1	78.12	26.248	1.4715	0		
"2015-03-23	09:00:00"	3.191	244.3	16.16	5.175	1.65	238.7	29.67	3.386	49.64	48.27	1.367	76.12	74.43	26.264	95.847	0		
"2015-03-23	10:00:00"	4.151	238.5	23.99	7.561	3.241	237	25.42	6.368	58.11	58.5	-0.39	57.96	56.47	26.304	305.56	0		
"2015-03-23	11:00:00"	7.513	227.6	16.4	12.33	5.771	228.5	17.04	10.54	67.7	68.01	-0.31	34.22	35.81	26.36	510.02	0		
"2015-03-23	12:00:00"	10.14	225	13.56	18.89	7.877	225.1	15.82	15.91	72.63	73.28	-0.65	29.87	31.09	26.401	687.46	0		
"2015-03-23	13:00:00"	11.72	232	16.29	18.3	9.19	231.3	18.05	15.91	77.56	78.28	-0.724	20.52	21.4	26.417	810.59	0		
"2015-03-23	14:00:00"	12.82	230.6	15.62	21.28	10.09	230.5	17.13	19.49	80.2	80.9	-0.728	16.25	16.72	26.408	876.01	0		
"2015-03-23	15:00:00"	15.53	238.5	17.56	35	12.31	238.2	19.21	20.68	81.5	82.5	-0.937	13.21	13.12	26.391	883.04	0		
"2015-03-23	16:00:00"	18.3	226.8	12.99	29.03	13.74	226.6	14.47	23.66	81.9	83	-1.037	11.89	11.56	26.365	784.81	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-23	17:00:00"	16.8	233.9	15.83	28.43	13.09	233.7	16.97	23.07	81.8	82.5	-0.653	11.16	10.63	26.342	596.57		0	
"2015-03-23	18:00:00"	16.64	237.7	15.98	30.22	13.02	237.2	17.19	21.28	82	82.4	-0.441	12.53	12.12	26.326	459.57		0	
"2015-03-23	19:00:00"	16.28	233.8	10.44	25.45	12.54	233.1	12.11	21.87	81.4	81.5	-0.121	13.94	13.71	26.316	294.19		0	
"2015-03-23	20:00:00"	14.18	222.1	8.74	23.66	9.91	222.5	11.1	19.49	79.16	78.64	0.515	16.93	17.31	26.307	89.45		0	
"2015-03-23	21:00:00"	9.14	207.4	6.183	12.33	4.988	208.2	10.69	7.561	72.07	70	2.075	25.59	27.99	26.282	0.7519		0	
"2015-03-23	22:00:00"	8.93	210.6	6.846	11.74	4.836	212.9	10.96	8.16	67.53	65.43	2.099	31.22	33.88	26.259	0		0	
"2015-03-23	23:00:00"	6.868	219.6	8.81	9.95	3.174	226.4	14.26	6.368	64	61.12	2.879	36.87	41.11	26.25	0		0	
"2015-03-24	00:00:00"	7.934	207.7	9.2	18.3	4.281	213.3	15.59	11.74	64.09	61.75	2.344	36.62	39.82	26.244	0		0	
"2015-03-24	01:00:00"	6.105	220.4	12.89	9.95	2.888	236.1	36.73	5.175	61.62	58.36	3.261	41.14	45.58	26.234	0		0	
"2015-03-24	02:00:00"	6.765	185.5	17.13	11.14	2.868	181.7	31.03	6.964	59.24	56.23	3.009	46.36	49.81	26.215	0		0	
"2015-03-24	03:00:00"	5.937	198.2	10.08	9.95	2.326	213.4	21.95	5.175	57.06	54.48	2.587	55.69	57.26	26.204	0		0	
"2015-03-24	04:00:00"	5.349	238.9	16.04	7.561	2.574	263.1	25.08	5.175	54.41	51.48	2.931	64.09	64.5	26.191	0		0	
"2015-03-24	05:00:00"	4.613	244.6	16.94	8.16	2.076	275.3	37.4	5.175	51.92	48.95	2.97	71.16	71.07	26.168	0		0	
"2015-03-24	06:00:00"	3.331	248.3	28.03	5.771	1.488	298.4	79.88	3.982	51	47.11	3.894	74.18	75.04	26.159	0		0	
"2015-03-24	07:00:00"	3.043	178.4	28.21	5.175	1.528	91.7	42.28	4.578	49.84	46.53	3.303	73.56	75.74	26.159	0		0	
"2015-03-24	08:00:00"	2.869	286.7	50.92	5.175	1.454	6.079	83.2	3.982	50.26	46.66	3.601	68.67	71.22	26.168	1.6568		0	
"2015-03-24	09:00:00"	3.638	295.7	19.02	8.16	2	247.7	77.05	5.771	52.37	50.19	2.183	56.58	62.49	26.188	102.1		0	
"2015-03-24	10:00:00"	11.18	319.4	8.84	17.7	7.941	321.9	12.45	15.91	62.31	62.38	-0.064	33.17	34.16	26.251	316.39		0	
"2015-03-24	11:00:00"	12.3	313.4	11.3	20.68	9.32	313.9	14.72	17.7	70.58	70.86	-0.284	20.73	21.21	26.327	523.67		0	
"2015-03-24	12:00:00"	14.01	333.5	18.46	20.68	10.99	333.3	19.99	18.3	74.87	75.55	-0.678	13.92	13.67	26.359	703.46		0	
"2015-03-24	13:00:00"	10.16	325.2	20.75	18.89	7.87	325.4	24.23	17.7	77.78	78.62	-0.838	10.31	9.66	26.367	830.76		0	
"2015-03-24	14:00:00"	8.02	313.4	38.23	18.3	6.195	313.3	41.97	15.91	80.5	81.4	-0.9	8.77	7.997	26.364	890.77		0	
"2015-03-24	15:00:00"	6.925	314.9	55.52	15.31	5.735	314.5	57.07	13.52	81.7	82.2	-0.461	7.648	6.929	26.351	892.44		0	
"2015-03-24	16:00:00"	7.209	267.4	48.18	14.72	5.766	264.2	51.38	12.93	82.5	83.2	-0.775	7.274	6.321	26.338	828.19		0	
"2015-03-24	17:00:00"	7.85	209.7	39.06	15.31	6.016	212.6	39.33	11.74	82.8	83.6	-0.733	6.687	5.582	26.324	703.01		0	
"2015-03-24	18:00:00"	7.187	228.2	35.6	18.3	5.676	229.3	37.88	16.51	82.6	83	-0.462	7.487	6.249	26.308	522.95		0	
"2015-03-24	19:00:00"	9.87	199.5	23.01	17.1	6.98	201.8	26.86	12.93	81	81.6	-0.572	9.46	8.34	26.293	310.08		0	
"2015-03-24	20:00:00"	9.32	189.7	11.07	13.52	5.624	192.9	15.82	10.54	77.92	77.3	0.627	12.63	12.4	26.28	95.456		0	
"2015-03-24	21:00:00"	7.776	182.2	6.612	11.14	2.961	159.1	20.91	4.578	70.44	65.65	4.786	19.4	23.2	26.25	1.297		0	
"2015-03-24	22:00:00"	7.572	167.5	6.706	9.95	2.836	136.1	14.06	4.578	67.25	61.08	6.17	21.83	27.83	26.216	0		0	
"2015-03-24	23:00:00"	4.396	172.1	19.2	6.964	1.445	79.4	82.9	3.386	63.91	58.51	5.396	24.41	30.35	26.21	0		0	
"2015-03-25	00:00:00"	3.691	157	17.51	6.964	1.605	94.8	51.43	3.982	62.67	58.78	3.893	24.82	28.82	26.203	0		0	
"2015-03-25	01:00:00"	4.013	182.6	41.37	8.75	2.26	106.4	82.5	7.561	60.31	55.69	4.622	29.64	34.86	26.191	0		0	
"2015-03-25	02:00:00"	5.159	181.4	33.41	12.93	2.148	199.6	85.6	7.561	58.99	54.77	4.219	33.6	38.81	26.18	0		0	
"2015-03-25	03:00:00"	5.639	184.1	15.51	9.95	1.939	166.3	39.21	4.578	58.24	53.68	4.552	37.71	42.22	26.171	0		0	
"2015-03-25	04:00:00"	4.32	171.1	15.21	7.561	1.782	131.4	39	3.982	56.46	53.36	3.099	50.58	50.42	26.152	0		0	
"2015-03-25	05:00:00"	3.989	205.5	13.21	7.561	1.461	185.5	80.7	2.789	53.72	50.77	2.95	69.25	67.12	26.128	0		0	
"2015-03-25	06:00:00"	3.535	241	42.95	6.368	1.606	344.1	83.9	4.578	52.67	48.71	3.957	71.36	73.67	26.114	0		0	
"2015-03-25	07:00:00"	3.104	195.1	20.53	4.578	1.391	116	47.95	3.386	52.54	47.47	5.07	71.94	73.51	26.109	0		0	
"2015-03-25	08:00:00"	2.716	189.5	27.45	4.578	1.45	68.06	70.21	3.982	51.06	47.02	4.044	77.05	78.46	26.12	2.0157		0	
"2015-03-25	09:00:00"	3.747	221.7	19.18	6.368	1.763	232.1	27.73	5.771	51.54	50.78	0.758	83.5	76.74	26.135	102.76		0	
"2015-03-25	10:00:00"	6.351	214.7	13.16	10.54	4.822	216.8	14.98	8.75	58.34	58.78	-0.44	63.91	60.66	26.172	316.24		0	
"2015-03-25	11:00:00"	8.4	252.1	19.38	13.52	6.848	249.2	21.18	11.74	67.83	68	-0.163	33.53	34.56	26.228	523.13		0	
"2015-03-25	12:00:00"	15.09	290	14.08	22.47	12.23	290	17.85	20.68	75.65	76.12	-0.467	13.97	13.96	26.27	706.91		0	
"2015-03-25	13:00:00"	16.04	273.8	13.77	24.86	11.49	269.4	20.92	20.68	77.65	78.87	-1.216	11.32	10.53	26.286	827.2		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-25	14:00:00"	16.67	266.9	14.02	27.84	13.04	264.8	17.09	24.26	79.13	80.4	-1.265	9.59	8.51	26.282	827.34		0	
"2015-03-25	15:00:00"	18.54	260.3	14.73	29.63	14.75	258.6	17.3	26.65	80.5	81.7	-1.186	7.825	6.473	26.263	898.55		0	
"2015-03-25	16:00:00"	19.74	253	12.9	33.21	15.99	251.4	14.84	30.22	79.58	80.3	-0.706	7.967	6.48	26.247	615.04		0	
"2015-03-25	17:00:00"	18.95	251.8	12.24	29.03	15.38	250.8	14.28	25.45	78.39	78.77	-0.375	9.06	7.657	26.232	400.05		0	
"2015-03-25	18:00:00"	18.57	248.3	9.7	29.03	15.09	246.9	11.69	23.66	77.72	77.84	-0.117	10.21	8.97	26.221	267.53		0	
"2015-03-25	19:00:00"	16.89	251.6	11.41	25.45	13.56	250.1	13.81	21.87	78.04	78.07	-0.028	9.78	8.51	26.215	255.25		0	
"2015-03-25	20:00:00"	12.52	256.2	10.24	24.26	9.65	254.4	12.86	20.09	75.53	75.07	0.461	11.78	10.88	26.223	43.11		0	
"2015-03-25	21:00:00"	6.819	274.3	16.12	11.74	4.317	282	29.08	9.95	71.74	70.11	1.626	15.69	16.21	26.231	2.033		0	
"2015-03-25	22:00:00"	14.26	343.9	43.04	49.31	8.28	349.8	41.66	45.73	67.73	65.36	2.373	23.42	24.78	26.258	0		0	
"2015-03-25	23:00:00"	29.83	26.51	9.47	45.13	19.17	24.31	11.44	37.38	59.88	59.92	-0.039	39.39	37.96	26.323	0		0	
"2015-03-26	00:00:00"	31.28	29.04	9.54	46.33	18.87	26.67	11.46	40.96	52.57	52.63	-0.067	52.54	48.93	26.326	0		0	
"2015-03-26	01:00:00"	31.49	27.99	9.27	49.31	19.26	25.86	11.59	37.38	48.26	48.33	-0.067	60.51	55.54	26.342	0		0	
"2015-03-26	02:00:00"	27.12	28.66	9.84	40.36	16.07	26.85	11.32	33.21	46.37	46.41	-0.036	64.52	59.01	26.36	0		0	
"2015-03-26	03:00:00"	17.5	22.19	10.18	26.05	12.1	20.03	12.75	21.28	44.43	44.47	-0.04	69.27	62.96	26.404	0		0	
"2015-03-26	04:00:00"	16.96	19.38	10.15	28.43	12.28	18.22	12.56	26.65	43.02	43.08	-0.059	72.77	65.84	26.404	0		0	
"2015-03-26	05:00:00"	13.16	15.29	11.63	25.45	9.61	13.28	13.95	20.09	41.97	42.02	-0.053	75.53	68.19	26.41	0		0	
"2015-03-26	06:00:00"	9.4	3.929	12.66	15.91	6.826	0.568	15.39	13.52	41.67	41.65	0.023	76.09	68.86	26.42	0		0	
"2015-03-26	07:00:00"	8.33	351.4	14.33	14.12	6.075	347.5	14.8	11.14	40.34	40.17	0.173	78.3	70.87	26.423	0		0	
"2015-03-26	08:00:00"	9.29	353.3	13.09	14.72	6.604	351.3	13.23	11.14	39.15	38.97	0.18	81	73.23	26.442	2.3794		0	
"2015-03-26	09:00:00"	11.54	347.5	14.85	17.1	8.83	345.8	14.81	15.91	39.47	39.96	-0.495	76.55	68.8	26.466	112.23		0	
"2015-03-26	10:00:00"	14.75	0.832	15.47	21.28	11.08	358.6	17.4	18.3	42.18	43.09	-0.905	66.26	59.77	26.496	333.66		0	
"2015-03-26	11:00:00"	12.88	7.822	15.7	20.09	9.67	5.966	17.17	17.1	44.96	46.17	-1.207	54.29	49.43	26.523	539.99		0	
"2015-03-26	12:00:00"	9.91	16.05	19.39	18.3	7.13	13.92	21.16	15.31	48.68	49.92	-1.24	41.58	39.15	26.544	722.86		0	
"2015-03-26	13:00:00"	9.11	1.677	22.52	17.1	7.113	358.8	24.45	15.91	52.02	53.22	-1.202	36.05	34.32	26.556	843.85		0	
"2015-03-26	14:00:00"	7.609	11.6	39.34	17.1	5.868	9.05	42.86	14.12	56.05	57.07	-1.017	28.86	27.5	26.551	901.13		0	
"2015-03-26	15:00:00"	7.49	10.4	43.37	15.91	5.594	7.128	45.69	14.72	59.22	60.22	-1.003	24.32	22.83	26.541	898.25		0	
"2015-03-26	16:00:00"	7.327	351.7	37.97	15.31	5.974	348.9	37.91	14.72	61.17	62.03	-0.86	20.7	19.05	26.521	833.8		0	
"2015-03-26	17:00:00"	8.06	343.7	41.71	17.1	6.385	342.3	44.06	14.72	62.26	63.11	-0.853	17.93	15.87	26.498	707.13		0	
"2015-03-26	18:00:00"	6.643	280.4	34.05	14.12	5.612	276.2	41.42	12.93	63.21	63.76	-0.554	17.08	14.86	26.48	532.69		0	
"2015-03-26	19:00:00"	6.446	319.3	38.45	14.12	5.27	320.3	39.44	12.93	63.46	63.98	-0.523	17.38	15.24	26.471	318.17		0	
"2015-03-26	20:00:00"	4.734	308.4	24.67	9.95	3.692	308.9	26.48	9.35	62.71	62.47	0.237	17.11	15.74	26.463	102.86		0	
"2015-03-26	21:00:00"	2.873	203.8	48.29	4.578	1.928	200.2	79.72	3.386	58.47	55.82	2.647	20.68	21.85	26.448	1.6401		0	
"2015-03-26	22:00:00"	3.125	201.8	17.89	5.771	1.877	118.2	39.11	3.386	54.56	50.76	3.793	25	28.44	26.433	0		0	
"2015-03-26	23:00:00"	4.939	181.4	10.84	6.964	1.421	160.7	43.17	2.789	50.46	46.91	3.548	32.79	34.78	26.422	0		0	
"2015-03-27	00:00:00"	4.826	207.2	9.7	7.561	1.547	196.4	25.95	3.386	47.68	44.17	3.517	39.07	41.36	26.411	0		0	
"2015-03-27	01:00:00"	3.252	210.4	27.42	5.175	1.472	329.6	94.3	2.789	45.84	42.41	3.432	43.85	46.09	26.398	0		0	
"2015-03-27	02:00:00"	4.421	217.6	15.58	6.368	1.584	189	66.23	2.789	44.49	40.67	3.814	48.49	50.68	26.379	0		0	
"2015-03-27	03:00:00"	5.235	217.7	7.183	8.16	1.855	223.7	22.47	3.386	44.26	40.73	3.528	49.99	52.2	26.364	0		0	
"2015-03-27	04:00:00"	4.051	214.3	15.45	6.368	1.579	184.3	87	3.386	44.27	40.08	4.189	49.92	53.44	26.349	0		0	
"2015-03-27	05:00:00"	5.133	243.2	8.72	6.368	2.384	264.9	20.73	3.982	43.43	39.45	3.976	52.34	55.25	26.347	0		0	
"2015-03-27	06:00:00"	4.409	217.8	17.2	8.16	1.445	189.3	71.85	2.789	42.8	37.97	4.833	53.6	58.41	26.343	0		0	
"2015-03-27	07:00:00"	4.299	219.3	7.173	6.368	1.164	249.8	40.34	2.789	41.96	38.17	3.788	56.5	58.42	26.336	0		0	
"2015-03-27	08:00:00"	3.514	222.9	22.37	5.771	1.477	266.6	69.98	2.789	41.37	38.36	3.011	59.63	59.3	26.338	2.8253		0	
"2015-03-27	09:00:00"	5.004	253.9	9.47	8.16	3.271	259.9	18.1	6.964	43.19	42.7	0.486	58.53	55.44	26.354	119.03		0	
"2015-03-27	10:00:00"	8.26	228.5	15.3	13.52	6.364	229.2	15.73	11.74	52.5	52.88	-0.379	45.12	43.16	26.396	330.36		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																		
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT	
"2015-03-27	11:00:00"	10.06	220	13.06	14.72	7.674	220.5	15.13	12.93	60.4	61.07	-0.667	34.86	34.02	26.459	529.78	0			
"2015-03-27	12:00:00"	10.21	222.2	13.75	16.51	7.818	222.4	15.65	13.52	66.44	67.33	-0.892	28.23	27.62	26.5	704.91	0			
"2015-03-27	13:00:00"	9.15	235.7	23.46	18.89	7.305	235.3	25.21	13.52	71.88	72.52	-0.644	21.2	20.93	26.516	823.23	0			
"2015-03-27	14:00:00"	8.58	245.1	42.01	14.72	6.869	246.6	45.85	13.52	75.54	76.23	-0.689	16.28	16.05	26.513	881.23	0			
"2015-03-27	15:00:00"	9	264.8	38.15	19.49	7.159	264.6	42.58	17.1	77.81	78.54	-0.732	12	11.4	26.5	882.92	0			
"2015-03-27	16:00:00"	9.95	263.3	27.5	20.68	7.917	261.9	32.49	17.1	78.39	79.33	-0.935	10.93	10.04	26.48	822.17	0			
"2015-03-27	17:00:00"	8.71	257	39.03	18.3	6.876	257.5	43.54	15.31	79.29	79.99	-0.706	10.41	9.37	26.456	696.37	0			
"2015-03-27	18:00:00"	8.1	253.5	37.26	16.51	6.335	253.1	39.4	14.12	79.67	80.4	-0.705	11.2	10.11	26.441	518.47	0			
"2015-03-27	19:00:00"	9.12	230.7	28.42	17.1	6.888	230	28.85	14.72	78.71	79	-0.287	11.89	10.93	26.43	310.64	0			
"2015-03-27	20:00:00"	9.95	215.4	7.793	17.1	6.449	215.5	11.11	12.33	75.8	75.23	0.561	13.9	13.63	26.418	99.796	0			
"2015-03-27	21:00:00"	6.649	198.1	7.449	8.75	2.346	177.2	27.26	5.175	69.17	64.75	4.418	19.76	22.62	26.392	1.7782	0			
"2015-03-27	22:00:00"	6.228	174	15.81	8.75	2.193	125.9	31.11	3.982	65.51	59.88	5.635	24.44	28.83	26.365	0	0			
"2015-03-27	23:00:00"	7.677	148.1	5.781	10.54	2.634	125.9	14.46	3.982	62.64	57.49	5.145	28.69	33.95	26.361	0	0			
"2015-03-28	00:00:00"	8.28	144.4	6.557	11.14	3.195	138.3	12.95	5.771	59.17	55.5	3.671	33.12	36.57	26.352	0	0			
"2015-03-28	01:00:00"	6.7	163.4	21.36	9.35	2.48	164.4	45.82	3.982	57	53.6	3.397	36.48	39.79	26.346	0	0			
"2015-03-28	02:00:00"	5.048	200.8	10.97	8.16	2.347	217.1	15.3	4.578	54.34	52.07	2.271	44.03	44.78	26.339	0	0			
"2015-03-28	03:00:00"	5.53	193.9	10.75	8.75	2.251	210.1	35.88	4.578	51.95	49.11	2.833	53.07	53.53	26.315	0	0			
"2015-03-28	04:00:00"	6.731	204.9	10.19	9.35	3.142	214.9	15.7	5.175	51.43	48.72	2.718	56.94	57.6	26.293	0	0			
"2015-03-28	05:00:00"	4.497	239.1	14.03	8.75	1.75	279.8	22.81	3.386	49.49	46.54	2.956	60.67	60.74	26.275	0	0			
"2015-03-28	06:00:00"	4.559	255.2	9.71	9.35	1.959	290.5	16.51	3.386	48.98	45.23	3.751	62.83	64.01	26.265	0	0			
"2015-03-28	07:00:00"	3.6	262.7	11.21	5.771	1.477	309.6	18.13	2.789	48.73	44.7	4.037	64.47	65.95	26.261	0	0			
"2015-03-28	08:00:00"	4.014	256.1	13.12	5.771	1.421	299.8	22.32	3.386	47.52	43.28	4.241	67.09	68.5	26.26	3.2527	0	0		
"2015-03-28	09:00:00"	4.867	255.7	12.52	9.35	3.006	266.7	25.91	6.964	49.17	48.45	0.717	64.13	61.3	26.273	122.98	0			
"2015-03-28	10:00:00"	6.378	224.9	13.26	9.35	4.977	225.8	14.64	8.75	56.83	57.21	-0.376	49.9	47.88	26.317	336.15	0			
"2015-03-28	11:00:00"	7.497	221.8	14.04	11.14	5.87	221.2	16.21	9.95	66.63	67.07	-0.44	34.22	34.48	26.371	536.82	0			
"2015-03-28	12:00:00"	10.06	272.3	29.47	18.89	7.885	270.1	32.74	17.1	75.73	76.25	-0.522	17.49	17.75	26.41	715.35	0			
"2015-03-28	13:00:00"	10.34	299.2	20.05	18.3	7.712	298.9	23.76	15.91	81.2	81.9	-0.675	11.84	11.65	26.424	837.66	0			
"2015-03-28	14:00:00"	12.2	292.4	17.34	21.28	9.15	291.3	22.05	17.1	83.7	84.6	-0.922	10.07	9.59	26.424	896.88	0			
"2015-03-28	15:00:00"	13.22	284.2	18.95	24.26	9.85	283.1	23.79	18.89	85.6	86.8	-1.181	8.53	7.879	26.409	894.67	0			
"2015-03-28	16:00:00"	13.96	286.6	19.37	26.05	10.37	285.6	23.59	23.66	85.9	87	-1.112	6.421	5.417	26.392	836.35	0			
"2015-03-28	17:00:00"	14.07	298	24.81	25.45	10.75	297.2	28	21.87	86.2	87	-0.871	5.469	4.236	26.369	710.69	0			
"2015-03-28	18:00:00"	12.45	306.8	19.74	23.66	9.25	306.5	23.46	17.7	86.3	86.9	-0.651	4.555	3.062	26.357	535.67	0			
"2015-03-28	19:00:00"	11.8	321.2	18.66	19.49	9.02	320.9	19.17	17.7	85.7	86	-0.222	5.525	4.161	26.357	323.3	0			
"2015-03-28	20:00:00"	9.37	332.5	10.22	17.1	7.057	332.7	11.9	14.12	83.7	82.8	0.903	6.532	5.786	26.359	106.83	0			
"2015-03-28	21:00:00"	6.849	343.5	5.303	9.35	3.864	1.371	12.01	5.771	79.41	75.31	4.1	9.2	10.86	26.343	1.9116	0			
"2015-03-28	22:00:00"	5.456	3.785	13.46	6.964	2.229	24.65	24.75	5.175	76.5	70.61	5.882	10.47	14.16	26.329	0	0			
"2015-03-28	23:00:00"	2.857	11.11	28.28	7.561	1.919	39.45	44.63	6.368	72.98	64.6	8.37	12.74	19.91	26.312	0	0			
"2015-03-29	00:00:00"	3.009	227.5	24.19	8.16	1.838	303.1	87.4	5.175	64	57.62	6.374	22.86	30.32	26.296	0	0			
"2015-03-29	01:00:00"	2.128	119.4	59.79	12.93	2.528	80.1	31.82	6.368	63.03	56.75	6.274	23.38	35.11	26.28	0	0			
"2015-03-29	02:00:00"	6.535	183.9	13.64	11.74	2.525	184.4	27.76	5.771	59.96	56.03	3.932	35.8	38.15	26.277	0	0			
"2015-03-29	03:00:00"	6.018	182.8	12.09	9.35	2.399	183.2	20.72	5.175	58.57	55.53	3.045	48.85	51.04	26.266	0	0			
"2015-03-29	04:00:00"	4.751	194.3	6.703	9.35	1.491	211.4	36.91	4.578	57.41	53.84	3.566	50.97	54.1	26.251	0	0			
"2015-03-29	05:00:00"	3.984	210.3	18.73	10.54	1.505	251.7	79.34	6.368	55.15	51.16	3.993	54.52	57.58	26.23	0	0			
"2015-03-29	06:00:00"	3.956	247.8	19.16	5.771	1.638	307.3	24.92	3.386	54.89	50.5	4.387	54.52	58.16	26.219	0	0			
"2015-03-29	07:00:00"	5.881	284	7.429	8.16	2.249	301.6	10.05	5.175	53.29	47.76	5.527	58.13	62.89	26.226	0	0			

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-29	08:00:00"	6.968	302.1	6.496	9.95	2.755	300.8	10.9	5.175	50.24	46.17	4.071	63.18	65.31	26.244	3.9123		0	
"2015-03-29	09:00:00"	5.96	313.6	8.9	11.14	3.3	307.1	11.05	8.75	55.29	53.92	1.368	52.75	53.39	26.268	128.68		0	
"2015-03-29	10:00:00"	11.6	319.1	9.45	17.7	9.01	318.4	9.96	15.91	65.94	65.88	0.059	26.28	26.82	26.327	343.33		0	
"2015-03-29	11:00:00"	15.59	322	8.23	22.47	12.46	322.4	9.71	20.09	76.35	76.44	-0.097	13.69	13.57	26.396	548.11		0	
"2015-03-29	12:00:00"	16.92	327.3	9.61	23.07	13.66	326.4	10.94	19.49	82.9	83.4	-0.519	9.5	9.05	26.444	726.81		0	
"2015-03-29	13:00:00"	17.79	352.1	19.24	29.03	13.75	350.7	20.8	26.65	84.9	85.8	-0.976	8.91	8.21	26.468	841.74		0	
"2015-03-29	14:00:00"	16.76	9.86	17.58	28.43	12.29	7.404	20.24	23.66	83.9	85.2	-1.253	11.02	10.33	26.474	898.31		0	
"2015-03-29	15:00:00"	16.21	31.13	16.91	27.24	10.38	28.05	18.29	24.26	84.7	86	-1.287	12.13	11.59	26.469	887.47		0	
"2015-03-29	16:00:00"	14.26	34.77	19.02	23.66	9.25	31.22	20.13	21.87	85.4	86.7	-1.269	11.44	10.87	26.459	815.33		0	
"2015-03-29	17:00:00"	11.13	39.35	24.28	21.28	7.539	35.04	25.86	19.49	86	87.2	-1.217	10.43	9.77	26.453	685.6		0	
"2015-03-29	18:00:00"	12.61	56.28	17.12	23.07	8.28	52.43	20.95	17.1	85.2	86.6	-1.316	10.39	9.42	26.447	505.33		0	
"2015-03-29	19:00:00"	14.94	58.73	16.58	24.86	9.63	54.26	20.22	18.3	83.7	84.4	-0.67	12.33	11.59	26.446	284.72		0	
"2015-03-29	20:00:00"	16.81	62.81	8.65	24.26	11.02	58.66	14.65	18.89	80	79.88	0.137	14.27	13.81	26.452	81.29		0	
"2015-03-29	21:00:00"	14.97	66.91	8.54	23.07	9.73	63.77	14.61	17.1	74.36	73.74	0.621	18.83	18.61	26.45	1.0447		0	
"2015-03-29	22:00:00"	16.34	73.52	7.404	22.47	10.19	68.35	15.56	15.91	69.95	69.28	0.666	24.2	23.98	26.451	0		0	
"2015-03-29	23:00:00"	16.72	72.52	7.179	22.47	10.51	67.22	14.94	18.3	66.68	66.05	0.634	27.82	27.52	26.449	0		0	
"2015-03-30	00:00:00"	15.2	74.11	7.19	20.68	9.29	69.93	15.39	15.91	63.88	63.25	0.636	31.51	31.16	26.442	0		0	
"2015-03-30	01:00:00"	15.93	83	8.35	26.05	9.87	79.75	16.34	18.89	62.75	62.26	0.494	34.88	34.5	26.44	0		0	
"2015-03-30	02:00:00"	13.12	93.6	8.23	20.68	8.96	91.7	14.89	14.72	61.07	60.64	0.427	40.62	40.05	26.444	0		0	
"2015-03-30	03:00:00"	9.47	103.3	19.7	18.3	6.593	102.3	34.1	14.12	59.43	58.95	0.481	44.52	43.52	26.443	0		0	
"2015-03-30	04:00:00"	5.782	48.08	45.09	9.35	3.417	42.37	49.86	6.368	57.49	56	1.495	47.84	47.61	26.443	0		0	
"2015-03-30	05:00:00"	6.935	340.2	17.28	10.54	4.683	338.9	18.96	8.16	55.39	53.68	1.709	51.03	50.94	26.436	0		0	
"2015-03-30	06:00:00"	7.425	8.14	9.38	10.54	5.039	7.157	11.16	7.561	54.47	53.75	0.718	52.65	50.74	26.426	0		0	
"2015-03-30	07:00:00"	8.22	18.84	11.98	12.33	5.425	16.21	13.92	11.14	53.68	53.39	0.288	54.7	51.71	26.426	0		0	
"2015-03-30	08:00:00"	8.98	32	10.54	13.52	5.306	28.24	11.29	10.54	54.31	54.14	0.179	54.6	51.52	26.443	1.6466		0	
"2015-03-30	09:00:00"	10.18	52.36	15.24	15.91	6.085	47.83	17.34	11.74	54.99	54.89	0.096	53.25	50.47	26.463	46.384		0	
"2015-03-30	10:00:00"	10.65	75.79	9.73	15.91	7.049	72.49	16.9	11.74	57.43	57.77	-0.349	48.35	46.11	26.472	155.92		0	
"2015-03-30	11:00:00"	12.12	102	13.35	17.1	8.65	101.6	19.4	14.12	60.61	61.6	-0.991	44.96	42.83	26.492	347.38		0	
"2015-03-30	12:00:00"	10.45	113	12.71	16.51	7.78	112.3	18.35	13.52	64.67	65.92	-1.252	43.77	41.99	26.518	450.35		0	
"2015-03-30	13:00:00"	9.38	142	24.74	17.7	6.741	142.5	30.6	15.31	68.49	69.89	-1.398	43.19	41.8	26.525	562.54		0	
"2015-03-30	14:00:00"	8.8	177.1	22.19	16.51	6.313	180.2	27.2	12.33	70.67	71.92	-1.251	44.18	43.05	26.525	489.93		0	
"2015-03-30	15:00:00"	9.14	176.3	19.17	17.1	6.444	180.4	24.02	12.93	72.58	73.86	-1.277	43.96	43.15	26.509	526.38		0	
"2015-03-30	16:00:00"	9.25	185.9	21.25	15.31	6.705	191.1	25.29	12.33	74.3	75.59	-1.297	42.94	42.54	26.488	599.7		0	
"2015-03-30	17:00:00"	10.94	179	18.52	18.3	7.663	182.8	23.41	14.72	75.32	76.56	-1.237	39.93	40.27	26.46	450.76		0	
"2015-03-30	18:00:00"	10.67	162.7	17.06	17.7	6.979	164.6	22.15	14.12	75.36	76.1	-0.74	39.41	40.38	26.428	237.82		0	
"2015-03-30	19:00:00"	9.67	170.7	14.46	15.31	6.204	174.1	19.28	12.33	74.81	75	-0.191	41.98	43.18	26.414	121.29		0	
"2015-03-30	20:00:00"	7.107	172.1	16.06	13.52	4.001	173.5	17.94	9.95	73.49	72.9	0.593	45.85	47.5	26.399	41.04		0	
"2015-03-30	21:00:00"	4.51	194.6	11.36	6.964	1.798	183.7	36.08	3.386	69.88	67.34	2.539	51.88	55.09	26.388	2.3376		0	
"2015-03-30	22:00:00"	3.89	208.4	19.22	8.16	1.681	148	76.12	3.386	66.94	63.4	3.539	57.62	61.3	26.376	0		0	
"2015-03-30	23:00:00"	1.181	205.1	36.97	2.789	1.844	79.3	26.81	3.386	64.7	61.72	2.982	62.38	64.14	26.363	0		0	
"2015-03-31	00:00:00"	1.023	200.3	19.97	1.596	2.125	80.3	9.8	3.386	63.14	59.95	3.186	65.41	67.84	26.345	0		0	
"2015-03-31	01:00:00"	3.126	173	15.47	5.771	2.274	114	21.73	3.386	62.07	57.35	4.722	67.73	72.54	26.326	0		0	
"2015-03-31	02:00:00"	3.711	218.8	14.84	6.368	1.38	281.6	56	2.789	60.98	57.5	3.484	71.64	73.01	26.314	0		0	
"2015-03-31	03:00:00"	4.082	261.9	19.08	6.964	1.912	308.7	11.54	3.386	60.75	56.9	3.846	72.9	74.75	26.302	0		0	
"2015-03-31	04:00:00"	3.529	247.5	20.7	5.771	1.438	187.3	59.13	3.982	59.41	54.06	5.342	76.08	79.46	26.285	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-03-31	05:00:00"	4.635	258	14.65	6.368	1.666	296.9	21.19	3.386	57.91	52.91	5.008	80.7	82.4	26.262	0	0		
"2015-03-31	06:00:00"	6.075	290.7	21.11	11.74	3.246	311.6	8.97	6.368	56.46	52.88	3.581	87.2	85	26.253	0	0		
"2015-03-31	07:00:00"	4.54	298	13.74	9.95	1.858	256	53.05	5.175	54.36	51.37	2.992	92.1	87.3	26.254	0	0		
"2015-03-31	08:00:00"	4.385	294.8	13.16	6.368	1.637	284.4	36.74	3.386	54.54	51.3	3.242	94	90.8	26.249	3.8203	0		
"2015-03-31	09:00:00"	3.563	261.4	27.89	6.964	1.73	250	43.55	5.175	56.08	54.61	1.476	90.9	87.8	26.261	128.14	0		
"2015-03-31	10:00:00"	8.77	211.5	10.57	14.12	6.44	214.1	13.36	12.33	63.69	64.34	-0.649	76.82	72.56	26.294	324.42	0		
"2015-03-31	11:00:00"	6.278	239.4	16.12	9.95	5.061	238.4	18.43	9.35	68.58	68.85	-0.272	64.13	62.37	26.346	350.53	0		
"2015-03-31	12:00:00"	6.561	216.2	15.41	9.95	5.068	216.9	17.4	8.16	70.55	70.97	-0.42	60.32	59.01	26.364	258.1	0		
"2015-03-31	13:00:00"	9.27	211	11.01	14.12	6.815	213.4	13.94	11.14	71.52	72.12	-0.596	55.58	54.85	26.367	300.11	0		
"2015-03-31	14:00:00"	11.07	223.2	13.02	16.51	8.47	223.1	14.84	14.12	74.04	74.79	-0.751	45.04	45.76	26.357	499.63	0		
"2015-03-31	15:00:00"	11.44	216.5	12.62	17.7	8.49	217.5	14	14.12	78.02	78.84	-0.824	32.58	34.13	26.348	474.09	0		
"2015-03-31	16:00:00"	13.18	214.2	13.04	23.07	9.63	215.2	14.92	18.89	80.7	81.8	-1.062	22.81	23.7	26.329	633.58	0		
"2015-03-31	17:00:00"	15.75	215.1	11.19	23.07	11.25	216.1	13.75	20.09	80.9	81.9	-1.03	23.55	24.26	26.313	489.69	0		
"2015-03-31	18:00:00"	16.19	211.8	12.46	26.05	11.3	213.3	15.04	19.49	80.5	81.2	-0.722	22.8	23.45	26.294	359.52	0		
"2015-03-31	19:00:00"	15.41	208.4	8.77	23.66	10.5	210.4	12.15	18.89	77.83	77.89	-0.062	24.67	25.62	26.284	126.03	0		
"2015-03-31	20:00:00"	13.24	205.7	7.074	20.68	8.95	208.8	11.12	16.51	75.02	74.74	0.281	29.11	30.39	26.275	32.122	0		
"2015-03-31	21:00:00"	9.4	202.1	7.37	14.12	5.931	205.1	11.86	9.95	72.25	71.59	0.663	32.92	34.5	26.267	0.65729	0		
"2015-03-31	22:00:00"	6.88	185.2	16.49	9.95	3.353	178.9	30.5	6.964	68.25	66.41	1.841	38.87	41.56	26.262	0	0		
"2015-03-31	23:00:00"	3.626	170.4	41	8.16	1.79	93.1	69.13	4.578	64.39	61.44	2.945	44.93	48.27	26.24	0	0		
"2015-04-01	00:00:00"	1.969	168.4	35.29	5.771	1.663	24.75	65.68	3.982	62.98	59.78	3.202	47.59	51.24	26.224	0	0		
"2015-04-01	01:00:00"	6.477	177.9	16.95	9.35	2.761	163	44.06	4.578	61.25	56.78	4.471	49.57	55.88	26.211	0	0		
"2015-04-01	02:00:00"	5.547	212	13.32	8.16	2.272	204.9	27.54	4.578	60.6	57.8	2.806	50.88	53.79	26.203	0	0		
"2015-04-01	03:00:00"	5.18	229	13.03	7.561	2.313	232.6	49.79	3.982	60.07	57.75	2.32	52.43	54.44	26.187	0	0		
"2015-04-01	04:00:00"	4.604	191	30.03	9.95	2.282	118.5	69.17	5.771	57.97	54.03	3.942	57.39	61.23	26.168	0	0		
"2015-04-01	05:00:00"	5.691	178.1	18.86	8.75	2.017	150.5	44.4	3.982	56.42	52.27	4.142	60.56	64.07	26.146	0	0		
"2015-04-01	06:00:00"	6.595	157.9	10.79	9.95	2.601	140.1	18.31	4.578	54.05	50.92	3.129	67.67	68.68	26.138	0	0		
"2015-04-01	07:00:00"	5.099	201.4	28.02	9.95	1.933	218.9	45.99	5.175	53.22	50.42	2.794	73.81	73.01	26.13	0	0		
"2015-04-01	08:00:00"	4.213	185	31.23	8.16	1.608	134	74.73	3.982	52.16	48.87	3.292	77.46	76.52	26.125	3.9862	0		
"2015-04-01	09:00:00"	5.304	180	20.13	9.95	3.026	181.3	46.43	7.561	54.44	54.53	-0.09	74.28	69.44	26.134	127.43	0		
"2015-04-01	10:00:00"	10.47	208	16.44	16.51	7.536	210.5	17.89	12.93	62.22	62.89	-0.67	54.29	52.17	26.181	336.63	0		
"2015-04-01	11:00:00"	8.99	241.1	14.86	14.12	7.372	240.2	17.17	14.12	66.8	67.22	-0.421	46.3	45.94	26.234	535.9	0		
"2015-04-01	12:00:00"	9.25	241.5	19.75	15.31	7.502	240	22.35	14.12	73.31	73.69	-0.38	34.87	36.24	26.263	708.54	0		
"2015-04-01	13:00:00"	9.74	270.7	22.48	19.49	7.785	268.8	26.79	17.1	78.33	79.12	-0.789	25.6	26.61	26.268	827.48	0		
"2015-04-01	14:00:00"	9.84	298.6	31.33	19.49	8.27	298.8	35.42	14.72	80.8	81.4	-0.612	20.11	20.94	26.257	888.29	0		
"2015-04-01	15:00:00"	8.93	300.3	30.32	23.66	7.527	300.6	33.73	22.47	82.7	83.3	-0.628	18.11	18.83	26.241	885.12	0		
"2015-04-01	16:00:00"	8.81	262.3	43.16	18.89	7.117	264.3	44.93	17.1	84.2	84.9	-0.636	15.47	15.82	26.227	821.13	0		
"2015-04-01	17:00:00"	9.26	260.6	34.78	18.3	7.414	259.7	38.17	17.1	85.2	85.9	-0.737	14.41	14.51	26.212	690.92	0		
"2015-04-01	18:00:00"	11.7	245.5	25.81	22.47	9.17	244.7	27.17	19.49	84.7	85.3	-0.637	13.81	13.7	26.202	499.31	0		
"2015-04-01	19:00:00"	13.39	241.1	15.01	23.66	10.43	239.6	17.01	18.89	84.2	84.4	-0.232	13.45	13.31	26.193	314.47	0		
"2015-04-01	20:00:00"	12.63	232.1	10.83	23.07	9.36	231.8	12.34	17.7	81.9	81.5	0.379	17.59	18.04	26.188	119.3	0		
"2015-04-01	21:00:00"	9	213.4	9.27	12.93	5.207	215	12.12	9.95	75.47	73.85	1.62	23.29	25.09	26.174	2.3364	0		
"2015-04-01	22:00:00"	8.19	217.2	9.46	12.93	4.503	219.8	18.9	8.75	70.16	68.22	1.941	29.08	31.22	26.164	0	0		
"2015-04-01	23:00:00"	5.548	221.4	7.418	7.561	2.2	225	16.13	3.386	65.48	62.49	2.99	34.12	37.41	26.158	0	0		
"2015-04-02	00:00:00"	6.277	230	10.02	14.72	2.903	229.4	16.62	12.33	64.45	61.47	2.979	34.6	38.04	26.15	0	0		
"2015-04-02	01:00:00"	4.588	224.9	7.547	6.964	1.53	200.8	32.27	2.789	62.27	58.63	3.638	37.46	41.49	26.147	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-02	02:00:00"	4.585	231.8	13.3	8.16	1.544	176.6	55.44	4.578	61.59	56.96	4.627	38.31	44.09	26.134	0	0		
"2015-04-02	03:00:00"	5.178	204.1	36.11	9.95	2.93	156.8	64.92	6.368	59.86	56.05	3.809	41.7	46.06	26.13	0	0		
"2015-04-02	04:00:00"	6.763	254.8	11.73	11.74	3.474	255.1	18.04	6.368	61.23	57.8	3.431	38.08	42.49	26.131	0	0		
"2015-04-02	05:00:00"	4.052	281.9	31.49	9.35	2.262	267.2	98.9	6.368	60.04	56.28	3.758	39.54	44.11	26.133	0	0		
"2015-04-02	06:00:00"	4.437	265.4	20.61	11.14	2.582	223.2	41.3	8.75	61.21	56.89	4.317	37.45	42.85	26.128	0	0		
"2015-04-02	07:00:00"	8.17	280.3	13.58	15.91	4.737	279.6	23.28	10.54	62.62	59.56	3.057	36.8	40.59	26.144	0	0		
"2015-04-02	08:00:00"	5.287	265.9	65.2	15.31	3.19	247.8	70.12	9.35	60.19	57.76	2.431	42.17	44.24	26.172	5.5355	0		
"2015-04-02	09:00:00"	6.669	208.1	14.73	18.3	4.502	212.1	17.16	13.52	59.57	59.67	-0.095	54.02	51.2	26.2	138.47	0		
"2015-04-02	10:00:00"	6.941	218.4	16.01	10.54	5.496	219.7	17.75	9.35	64.57	64.98	-0.409	47.95	46.67	26.234	349.45	0		
"2015-04-02	11:00:00"	9.37	216.9	15.91	16.51	7.191	217.6	17.16	14.12	72.7	73.35	-0.655	33.02	33.83	26.283	548.63	0		
"2015-04-02	12:00:00"	16.94	256.2	13.43	27.24	13.58	254.7	15.98	23.66	79.62	80.2	-0.615	17.47	17.77	26.323	721.73	0		
"2015-04-02	13:00:00"	16.36	254.4	14.81	28.43	12.71	251.7	17.04	22.47	81	82	-0.918	16.64	16.53	26.329	832.25	0		
"2015-04-02	14:00:00"	17.12	227.3	15.23	26.05	13.05	227.4	16.21	23.07	82.1	83.3	-1.143	18.01	18.03	26.314	897.55	0		
"2015-04-02	15:00:00"	23.61	225.6	12.58	36.78	17.5	226	13.71	30.22	82.9	84.2	-1.318	16.26	16.02	26.288	879.62	0		
"2015-04-02	16:00:00"	24.94	226.2	12	39.77	18.42	226.7	13.53	32.01	83.4	84.6	-1.273	14.74	14.32	26.258	840.57	0		
"2015-04-02	17:00:00"	23.71	235.6	11.24	35.59	18.45	235.6	13.04	29.63	84.4	85.2	-0.776	9.45	8.57	26.238	717.84	0		
"2015-04-02	18:00:00"	23.16	233.2	11.63	36.78	17.73	233.1	12.85	30.22	84.2	84.8	-0.602	10.7	9.85	26.225	539.4	0		
"2015-04-02	19:00:00"	20.87	229.9	9.3	35.59	15.56	229.7	11.39	28.43	83.1	83.2	-0.069	12.38	11.88	26.218	230.27	0		
"2015-04-02	20:00:00"	14.31	233.1	8.26	24.26	10.69	232.4	10.19	21.28	80.7	80.3	0.408	15.27	15.24	26.211	56.106	0		
"2015-04-02	21:00:00"	9.46	242.7	8.15	14.12	6.912	243	9.98	11.14	77.09	76.16	0.93	18.97	19.52	26.213	2.6442	0		
"2015-04-02	22:00:00"	9.1	238.8	6.682	13.52	6.073	241.2	8.55	9.95	73.13	71.57	1.564	22.8	23.97	26.219	0	0		
"2015-04-02	23:00:00"	5.172	252.1	13.82	14.72	3.07	272.2	45.69	12.93	69.79	67.55	2.249	25.7	27.36	26.223	0	0		
"2015-04-03	00:00:00"	9.46	270.7	24.62	18.3	6.171	275.1	33.48	14.12	69.68	66.9	2.782	25.58	27.82	26.214	0	0		
"2015-04-03	01:00:00"	8.32	294.2	10.19	15.31	5.011	296.8	21.33	11.74	67.65	65.55	2.104	27.82	29.36	26.233	0	0		
"2015-04-03	02:00:00"	5.591	304.8	8.34	8.16	1.859	312.2	24.32	3.982	65.02	59.96	5.061	30.29	35.16	26.214	0	0		
"2015-04-03	03:00:00"	8.69	298	9.33	14.12	4.684	311.6	11.26	8.16	66.4	61.9	4.503	26.01	30.75	26.2	0	0		
"2015-04-03	04:00:00"	8.27	293.5	6.931	12.93	4.261	290.4	18.81	8.16	65.93	62.39	3.547	24.45	27.36	26.204	0	0		
"2015-04-03	05:00:00"	8.36	316.8	8.08	11.14	4.662	319.2	12.88	6.964	63.61	60.4	3.219	27.29	29.92	26.213	0	0		
"2015-04-03	06:00:00"	9.87	324.2	9.36	21.87	6.304	326.9	9.4	17.7	62.06	59.46	2.601	28.76	30.46	26.236	0	0		
"2015-04-03	07:00:00"	20.51	8.59	17.98	35	14.9	7.517	19.2	28.43	55.28	54.93	0.35	39.67	37.09	26.281	0	0		
"2015-04-03	08:00:00"	22.79	21.99	9.84	36.19	15.91	20.91	12.23	29.03	45.54	45.64	-0.096	63.96	57.84	26.297	4.6444	0		
"2015-04-03	09:00:00"	21.12	32.32	10.37	35	12.38	29.66	12.07	28.43	44.85	45.18	-0.327	67.55	60.98	26.324	131.84	0		
"2015-04-03	10:00:00"	23.75	32.79	10.69	36.78	13.7	29.71	11.7	29.63	46.44	46.95	-0.514	64.91	58.72	26.36	367.6	0		
"2015-04-03	11:00:00"	22.33	34.32	11.21	32.01	12.87	31.26	12.63	26.05	48.77	49.6	-0.828	60.8	54.96	26.415	573.24	0		
"2015-04-03	12:00:00"	20.83	32.37	11.71	30.82	12.52	29.38	13.13	26.05	51.88	52.9	-1.02	55.09	50.23	26.462	744.2	0		
"2015-04-03	13:00:00"	18.11	28.95	12.11	26.05	11.35	26.68	13.57	23.07	55.28	56.48	-1.198	49.33	45.63	26.496	866.34	0		
"2015-04-03	14:00:00"	16.26	28.88	13.27	26.65	10.39	27.22	15.49	22.47	58.79	60.13	-1.339	42.69	40.35	26.506	923.35	0		
"2015-04-03	15:00:00"	15.14	37.04	15.59	24.86	9.66	33.75	17.05	22.47	61.83	63.37	-1.534	37.52	35.96	26.508	900.17	0		
"2015-04-03	16:00:00"	14.64	29.51	14.85	23.66	9.58	27.08	16	21.28	63.65	64.98	-1.33	33.89	32.59	26.503	824.12	0		
"2015-04-03	17:00:00"	14.55	35.47	18.06	23.66	9.45	32.38	19.03	20.68	63.73	64.7	-0.972	33.03	31.75	26.496	431.98	0		
"2015-04-03	18:00:00"	14.17	55.72	13.93	23.66	9.11	52.01	18.5	17.1	64.76	66.17	-1.41	31.4	29.84	26.493	438.66	0		
"2015-04-03	19:00:00"	15.58	62.8	11.93	23.07	10.12	59.45	17.01	18.89	63.42	64.23	-0.806	32.98	31.65	26.497	192.38	0		
"2015-04-03	20:00:00"	16.06	66.9	8.68	25.45	10.64	63.88	14.85	20.68	61.66	61.76	-0.102	34.82	33.77	26.493	55.64	0		
"2015-04-03	21:00:00"	13.41	65.46	8.65	19.49	8.84	62.51	14.61	15.31	59.64	59.41	0.23	37.15	36.23	26.503	1.3652	0		
"2015-04-03	22:00:00"	12.86	78.2	11.17	21.28	8.33	76.06	17.8	15.91	57.71	57.45	0.263	40.16	38.92	26.529	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-03	23:00:00"	15.04	86	8.21	23.66	9.65	83.8	16.23	15.91	55.9	55.65	0.242	43.71	41.77	26.547	0	0		
"2015-04-04	00:00:00"	16.41	85	8.02	28.43	10.4	84.3	15.53	19.49	54.17	53.98	0.189	46.66	44.07	26.551	0	0		
"2015-04-04	01:00:00"	15.55	76.96	9.17	25.45	9.81	73.6	17.09	18.3	52.01	51.86	0.148	49.85	46.57	26.548	0	0		
"2015-04-04	02:00:00"	13.14	75.27	8.52	18.89	8.49	71.66	16.35	14.12	50.67	50.52	0.142	52.27	48.55	26.557	0	0		
"2015-04-04	03:00:00"	11.8	74.32	8.19	18.3	7.484	70.73	15.92	12.93	49.56	49.4	0.163	55.03	50.89	26.544	0	0		
"2015-04-04	04:00:00"	11.88	73.34	8.05	18.3	7.668	69.45	15.37	14.12	48.44	48.27	0.166	58.24	53.63	26.529	0	0		
"2015-04-04	05:00:00"	10.47	77.17	8.8	18.89	6.659	73.52	16.22	12.93	46.8	46.58	0.222	62.29	57.18	26.513	0	0		
"2015-04-04	06:00:00"	12.37	85.5	8.53	19.49	7.987	83.6	16.22	14.72	46	45.8	0.203	62.29	57.16	26.497	0	0		
"2015-04-04	07:00:00"	11.51	86.4	9.38	18.89	7.519	85.1	16.66	14.12	45.22	45.05	0.169	60.64	55.63	26.499	0	0		
"2015-04-04	08:00:00"	10.24	78.74	8.65	15.91	6.492	74.95	15.84	10.54	44.4	44.21	0.191	59.33	54.39	26.51	4.5718	0		
"2015-04-04	09:00:00"	12.07	87.8	9.74	19.49	8.09	86.7	17.16	14.72	44.44	44.6	-0.163	57.85	52.68	26.52	99.383	0		
"2015-04-04	10:00:00"	15.41	101.7	11.47	24.26	11.07	101.3	16.77	20.09	47.42	48.43	-1.012	48.1	43.72	26.547	359.73	0		
"2015-04-04	11:00:00"	16.36	109.3	11.38	24.26	11.8	107.8	16.9	19.49	49.35	50.81	-1.467	40.62	37.06	26.577	553.12	0		
"2015-04-04	12:00:00"	15.12	115.8	13.75	23.07	10.62	115.8	19.66	19.49	50.9	52.52	-1.615	38.34	35.04	26.586	505.41	0		
"2015-04-04	13:00:00"	13.45	124.9	14.14	22.47	9.32	124.9	20.61	17.7	53.54	55.47	-1.932	34.4	31.23	26.578	705.09	0		
"2015-04-04	14:00:00"	12.99	123.2	14.38	22.47	9.1	123.2	20.91	18.3	55.77	57.72	-1.944	32.76	29.67	26.56	573	0		
"2015-04-04	15:00:00"	12.26	136.6	14.93	19.49	8.28	138.9	21.37	15.31	56.28	57.87	-1.586	33.58	30.77	26.526	415.47	0		
"2015-04-04	16:00:00"	11.6	135.8	14.29	18.89	7.743	136.6	19.75	14.12	55.24	56.43	-1.187	36.27	33.67	26.482	235.33	0		
"2015-04-04	17:00:00"	10.53	141	12.65	15.91	6.997	143.6	18.46	12.33	54.18	55.05	-0.868	37.14	34.68	26.446	160.23	0		
"2015-04-04	18:00:00"	10.41	149.3	15.11	16.51	6.735	151.5	20.31	13.52	53.91	54.52	-0.605	37.89	35.65	26.426	98.559	0		
"2015-04-04	19:00:00"	11.82	135.5	13.36	17.1	7.764	136.9	19.1	13.52	54.55	55.15	-0.609	35.89	33.69	26.402	128.72	0		
"2015-04-04	20:00:00"	11.58	132.8	11.49	17.1	7.605	134.5	16.72	13.52	54.74	54.94	-0.203	35.02	33.1	26.384	36.823	0		
"2015-04-04	21:00:00"	12.18	150.6	12.44	18.3	7.452	152.4	18.31	14.72	54.75	54.71	0.037	36.48	34.73	26.376	0.74207	0		
"2015-04-04	22:00:00"	11.31	157.9	8.74	18.89	6.982	159.8	15.81	13.52	54.03	53.98	0.05	40.54	38.51	26.379	0	0		
"2015-04-04	23:00:00"	6.86	156.7	6.303	10.54	3.458	156.4	13.09	7.561	51.63	50.56	1.073	46.98	45.17	26.366	0	0		
"2015-04-05	00:00:00"	6.392	151.8	7.99	9.35	2.953	148.1	15.9	5.175	49.38	48.1	1.276	55.64	52.93	26.332	0	0		
"2015-04-05	01:00:00"	5.881	168.9	6.272	7.561	2.342	165.4	14.34	3.982	48.11	46.48	1.633	60.99	58.44	26.307	0	0		
"2015-04-05	02:00:00"	4.859	164.9	8.47	6.964	1.71	147.8	19.97	2.789	46.98	45.12	1.869	64.13	61.49	26.285	0	0		
"2015-04-05	03:00:00"	4.586	154.7	16.36	6.964	1.688	126.7	28.79	3.386	46.16	44.32	1.843	68.06	64.91	26.249	0	0		
"2015-04-05	04:00:00"	2.329	135.2	29.7	4.578	1.207	87.2	44.9	2.789	46.77	45.8	0.966	69.33	64.81	26.233	0	0		
"2015-04-05	05:00:00"	2.128	100.4	33.06	4.578	1.372	62.03	35.35	2.193	47.24	46.73	0.507	70.76	65.2	26.209	0	0		
"2015-04-05	06:00:00"	3.553	98.6	34.06	8.75	2.163	83.8	42.53	5.175	47.48	47	0.486	73.69	67.56	26.191	0	0		
"2015-04-05	07:00:00"	4.542	95.2	18.86	7.561	2.679	88.8	24.57	5.175	46.91	46.71	0.192	77.16	70.16	26.184	0	0		
"2015-04-05	08:00:00"	5.459	120.6	14.39	10.54	3.295	118.5	19.89	8.16	47.52	47.32	0.201	82.1	74.93	26.191	4.8458	0		
"2015-04-05	09:00:00"	4.323	139	16.72	8.16	2.57	141.3	23.74	5.771	48.43	48.41	0.018	83.4	76.19	26.207	34.338	0		
"2015-04-05	10:00:00"	6.252	172.8	16.26	11.74	4.221	176.8	19.91	8.75	50.62	51.01	-0.39	81.7	74.22	26.218	132.48	0		
"2015-04-05	11:00:00"	8.4	189.6	12.82	13.52	6.176	194.1	17.79	11.14	55.13	56.05	-0.92	74.64	67.63	26.241	433.33	0		
"2015-04-05	12:00:00"	7.663	203.7	20.66	14.12	5.712	207.2	25.12	10.54	62.26	63.35	-1.086	60.34	56.11	26.265	717.45	0		
"2015-04-05	13:00:00"	9.93	214.8	16.44	15.31	7.551	217	18.31	12.93	66.69	67.96	-1.267	52.05	49.35	26.279	783.65	0		
"2015-04-05	14:00:00"	11.45	233	16.44	20.09	9.06	233.2	18.63	16.51	73.5	74.55	-1.049	39.14	39.44	26.262	906.7	0		
"2015-04-05	15:00:00"	12.02	242.9	18.4	20.09	9.58	242.6	20.34	17.1	79.71	80.7	-1.014	26.98	27.77	26.255	868.62	0		
"2015-04-05	16:00:00"	13.44	237.8	19.26	23.07	10.68	236.9	20.07	20.09	82.6	83.6	-0.969	19.47	19.84	26.239	811.37	0		
"2015-04-05	17:00:00"	14.68	229.7	15.41	23.66	11.25	229.6	17.1	20.09	82.8	83.9	-1.035	20.05	20.28	26.22	671.82	0		
"2015-04-05	18:00:00"	14.41	234.9	16.62	25.45	11.13	234.7	17.64	19.49	83	83.6	-0.624	19.69	20.05	26.201	434.33	0		
"2015-04-05	19:00:00"	13.05	229.4	12.73	24.26	9.73	229.2	14.37	17.7	81.2	81.2	0.003	20.32	20.94	26.199	162.4	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-05	20:00:00"	8.47	195.2	10.76	14.72	5.184	198.1	15.44	11.14	78.61	77.91	0.7	25.64	27.32	26.184	56.472		0	
"2015-04-05	21:00:00"	5.554	200.1	13.01	9.35	2.533	199.1	19.02	5.175	74.02	71.61	2.416	30.25	33.65	26.169	1.6789		0	
"2015-04-05	22:00:00"	7.585	192.5	16.56	12.93	3.678	193.5	26.13	7.561	71	68.71	2.289	35.69	38.92	26.164	0		0	
"2015-04-05	23:00:00"	5.623	179.5	14.81	10.54	2.688	178.9	30.45	6.368	68.16	66.19	1.961	45.08	47.04	26.172	0		0	
"2015-04-06	00:00:00"	7.841	188.3	11.7	12.93	4.487	192.5	17.24	8.75	66.56	65.37	1.189	60.36	60.04	26.174	0		0	
"2015-04-06	01:00:00"	8.72	181.6	12.85	18.89	4.847	184.7	18.09	13.52	64.33	62.82	1.512	68.01	67.51	26.175	0		0	
"2015-04-06	02:00:00"	6.34	219.3	33.88	13.52	3.744	226.5	40.28	9.35	63.11	61.3	1.812	70.88	70.19	26.171	0		0	
"2015-04-06	03:00:00"	6.003	239.5	21.67	10.54	3.191	244.4	26.89	6.368	60.76	58.32	2.438	76.61	75.57	26.155	0		0	
"2015-04-06	04:00:00"	5.856	244.7	14.65	8.16	2.633	252.9	22.42	4.578	58.71	55.19	3.513	82.7	82	26.146	0		0	
"2015-04-06	05:00:00"	6.382	208	9.47	9.35	2.942	213.4	20.32	5.771	56.59	54.23	2.365	87.3	84.8	26.143	0		0	
"2015-04-06	06:00:00"	4.473	204.3	12.9	8.16	1.466	230.4	41.44	3.386	55.16	52.66	2.493	92.1	88.3	26.136	0		0	
"2015-04-06	07:00:00"	3.152	233.8	23.5	5.175	1.413	308.4	29.64	3.386	54.08	51.77	2.316	96	90.6	26.134	0		0	
"2015-04-06	08:00:00"	1.967	247.1	23.44	4.578	1.213	323.7	39.14	3.386	54.01	52.15	1.857	97.8	91.9	26.146	9.0263		0	
"2015-04-06	09:00:00"	2.241	227.1	33.66	6.368	1.748	259.1	49.66	5.175	56.24	56.88	-0.636	94.7	90.2	26.173	152.82		0	
"2015-04-06	10:00:00"	8.61	204.8	10.25	13.52	6.296	209.2	14.09	10.54	62.63	63.44	-0.806	82.8	77.17	26.217	329.69		0	
"2015-04-06	11:00:00"	8.51	206.7	11.23	12.33	6.375	209.4	15.27	10.54	66.75	67.6	-0.85	71.14	67.17	26.257	404.29		0	
"2015-04-06	12:00:00"	8.7	212.1	12.41	12.93	6.45	213.2	14.79	11.14	70.36	71.21	-0.849	57.95	56.38	26.282	465.36		0	
"2015-04-06	13:00:00"	10.2	233.8	15.84	17.1	8.04	232.7	17.68	13.52	77.45	78.08	-0.628	34.05	35.72	26.303	614.54		0	
"2015-04-06	14:00:00"	9.32	230.4	19.82	15.91	7.34	230.4	21.4	13.52	81.1	81.6	-0.525	21.68	22.89	26.307	609.61		0	
"2015-04-06	15:00:00"	10.56	226.1	19.6	18.3	8.06	226.4	20.13	14.72	81.1	81.5	-0.436	19.25	20.06	26.298	371.24		0	
"2015-04-06	16:00:00"	13.4	211.5	18.83	22.47	9.7	213	19.98	18.3	81.9	82.9	-0.992	20.1	20.75	26.278	594.18		0	
"2015-04-06	17:00:00"	16.33	221.7	15.8	27.24	11.99	222.2	16.85	21.28	83.4	84.2	-0.75	18.16	18.68	26.258	539.27		0	
"2015-04-06	18:00:00"	18.64	211.5	11.21	27.84	13.1	213.4	13.57	20.68	84.4	85.4	-0.985	18.77	19.15	26.249	542.21		0	
"2015-04-06	19:00:00"	16.51	220.6	11.17	26.05	11.87	221.3	13.25	20.68	84.4	84.7	-0.262	18.79	19.46	26.241	321.7		0	
"2015-04-06	20:00:00"	12.75	228.8	10.89	24.26	9.37	228.8	12.08	17.7	83.3	82.7	0.603	17.65	18.63	26.234	116.89		0	
"2015-04-06	21:00:00"	7.659	223.2	15.77	12.93	4.138	221.8	19.64	10.54	76.83	74.01	2.818	19.93	22.7	26.225	3.3503		0	
"2015-04-06	22:00:00"	8.8	178.1	17.66	14.72	3.883	174.5	23.68	8.75	70.96	67.61	3.354	40.58	42.83	26.203	0		0	
"2015-04-06	23:00:00"	8.97	167.1	8.28	12.33	4.721	169.8	15.16	8.75	67.71	66.34	1.367	69.83	69.09	26.211	0		0	
"2015-04-07	00:00:00"	9.1	175.2	8.14	13.52	5.052	180	15.37	8.75	65.27	64.44	0.827	84.6	81.6	26.218	0		0	
"2015-04-07	01:00:00"	4.952	193.7	9.03	7.305	2.41	205.4	12.42	4.578	62.59	61.35	1.246	92.4	88.7	26.212	0		0	
"2015-04-07	02:00:00"	5.474	189.3	14.6	9.35	2.947	195.5	21	6.368	61.21	60.23	0.973	96.4	92.3	26.201	0		0	
"2015-04-07	03:00:00"	6.513	204.1	9.04	11.14	4.18	207.2	12.43	7.561	61.28	60.84	0.438	97.5	93.3	26.204	0		0	
"2015-04-07	04:00:00"	9.87	213.9	22.51	17.7	6.931	216.4	22.25	12.93	61.57	61.57	-0.001	97.8	93.4	26.216	0		0	
"2015-04-07	05:00:00"	9.94	203.2	10.47	15.31	6.773	205.7	13.7	11.74	61.37	61.44	-0.069	98.1	93.1	26.215	0		0	
"2015-04-07	06:00:00"	7.31	219.8	11.56	12.33	5.142	220.3	13.51	9.95	60.64	60.78	-0.138	98.1	93.3	26.213	0		0	
"2015-04-07	07:00:00"	6.337	234.4	13.29	9.35	4.83	233.3	15.92	7.561	59.51	59.65	-0.145	98.2	93.3	26.219	0		0	
"2015-04-07	08:00:00"	6.219	226.3	12.56	9.35	4.669	225.8	14.51	7.561	58.06	58.19	-0.134	98.5	96.9	26.233	4.4869		0	
"2015-04-07	09:00:00"	6.012	226.3	13	9.35	4.544	226	16.27	7.561	57.56	57.91	-0.347	98.7	100.1	26.252	75.322		0	
"2015-04-07	10:00:00"	4.808	218.6	15.5	7.561	3.923	219.8	17.73	6.964	58.75	59.22	-0.472	98.3	100.1	26.272	249.77		0	
"2015-04-07	11:00:00"	7.474	218.4	15.78	11.14	5.867	220.4	17.74	11.74	66	67.47	-1.462	79.51	76.39	26.301	572.93		0	
"2015-04-07	12:00:00"	9.76	241.6	17.41	18.3	7.859	240.3	18.42	15.91	76.98	77.43	-0.449	34.98	36.38	26.347	742.3		0	
"2015-04-07	13:00:00"	11.62	244.1	18.87	18.89	9.47	243.2	20.47	16.51	82	82.7	-0.663	17.82	18.73	26.37	859.85		0	
"2015-04-07	14:00:00"	11.34	229.8	21.22	20.68	8.81	230.3	21.34	18.3	84.3	85.2	-0.848	13.43	13.77	26.365	916.8		0	
"2015-04-07	15:00:00"	15.03	241	16.13	26.65	11.95	240.6	18.01	23.66	85.4	86.5	-1.007	12.66	12.62	26.349	909.55		0	
"2015-04-07	16:00:00"	18.99	236.7	16.67	35.59	14.87	236.3	18.19	29.63	86.3	87.4	-1.063	12.26	12.26	26.329	837.11		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-07	17:00:00"	23.53	238.2	14.81	39.77	18.14	238	15.8	33.21	86.6	87.5	-0.894	11.25	11.05	26.313	712.77	0		
"2015-04-07	18:00:00"	19.56	241.4	13.03	31.42	15.45	240.4	14.85	27.84	86.7	87.3	-0.549	11.55	11.32	26.303	537.23	0		
"2015-04-07	19:00:00"	17.86	247.5	11.68	32.01	14.3	247.1	14.05	26.05	86.2	86.3	-0.137	11.91	11.7	26.297	332.63	0		
"2015-04-07	20:00:00"	12.44	248.9	8.56	23.07	9.86	247.5	10.91	18.3	83.5	83	0.498	13.78	13.92	26.288	90.809	0		
"2015-04-07	21:00:00"	6.298	255	10.49	11.74	3.485	248.2	29.16	9.35	78.86	76.01	2.844	16.92	19.2	26.271	4.8869	0		
"2015-04-07	22:00:00"	4.548	7.462	72	9.95	2.595	56.54	41.32	6.368	74.52	69.64	4.879	20.1	24.73	26.255	0	0		
"2015-04-07	23:00:00"	6.922	140.7	42.04	16.51	3.216	129.5	43.16	8.75	70.71	65.88	4.837	26.94	31.23	26.255	0	0		
"2015-04-08	00:00:00"	6.111	143.7	12.78	14.12	2.423	116.7	29.11	9.35	66.5	63.62	2.885	50.69	52.51	26.248	0	0		
"2015-04-08	01:00:00"	8.94	164.7	11.36	14.12	5.032	168	18.08	9.35	65.78	64.67	1.116	68.46	67.32	26.241	0	0		
"2015-04-08	02:00:00"	6.647	182.9	11.13	11.74	3.567	188.7	17.74	8.75	63.89	62.79	1.106	84.9	81.9	26.233	0	0		
"2015-04-08	03:00:00"	5.33	197.1	25.16	9.95	2.809	207.8	31.94	7.561	62.54	61.43	1.113	93.2	89.3	26.214	0	0		
"2015-04-08	04:00:00"	6.404	194.1	15.98	10.54	3.913	201.7	18.86	7.561	63.2	62.6	0.604	96.1	93.1	26.197	0	0		
"2015-04-08	05:00:00"	4.754	235.9	16.99	7.561	3.063	238.5	18.24	5.771	62.21	61.81	0.404	97	93.5	26.191	0	0		
"2015-04-08	06:00:00"	4.33	196.5	18.64	7.561	2.75	200.8	23.71	5.771	62.02	61.87	0.151	98	93.8	26.18	0	0		
"2015-04-08	07:00:00"	5.571	187.3	19.84	9.95	3.557	189.7	25.68	7.561	62.12	62.02	0.11	98.2	93.9	26.188	0	0		
"2015-04-08	08:00:00"	6.62	216.7	13.09	11.74	4.394	218.5	15.17	8.75	61.77	61.7	0.066	98.3	94.6	26.206	2.4417	0		
"2015-04-08	09:00:00"	6.512	203.3	10.78	10.54	4.438	206.8	14	8.16	61.82	61.96	-0.142	98.3	94.4	26.218	20.696	0		
"2015-04-08	10:00:00"	5.598	195.4	14.39	9.95	3.936	199.7	16.86	7.561	62.14	62.52	-0.378	98.1	94.6	26.22	77.295	0		
"2015-04-08	11:00:00"	5.651	184.8	14.08	9.95	4.1	189.9	19.05	8.16	64.89	65.65	-0.757	89.6	85.6	26.216	240.97	0		
"2015-04-08	12:00:00"	11.13	208.3	11.03	16.51	7.995	210.6	14.21	12.93	71.85	72.62	-0.767	58.44	57.81	26.234	401.37	0		
"2015-04-08	13:00:00"	14.33	215.6	11.63	24.86	10.26	217.8	13.8	20.68	78.06	79.19	-1.121	37.05	38.71	26.239	678.61	0		
"2015-04-08	14:00:00"	16.65	211.7	12.15	26.65	11.76	214	14.46	18.89	82.3	83.4	-1.114	27.55	29.06	26.234	575.62	0		
"2015-04-08	15:00:00"	18.09	213	12.09	30.22	12.77	214.7	14.5	23.07	85	86.1	-1.138	21.61	22.72	26.212	656.99	0		
"2015-04-08	16:00:00"	17.51	216.3	12.97	28.43	12.55	218.1	14.6	24.26	86.4	87.3	-0.899	19.48	20.49	26.183	544.84	0		
"2015-04-08	17:00:00"	17.75	231.4	13.78	30.82	13.45	231.7	15.03	23.66	87.1	87.8	-0.705	17.77	18.62	26.156	565.19	0		
"2015-04-08	18:00:00"	17.66	246.5	10.75	30.22	13.99	246	12.92	27.24	85.5	85.5	-0.017	17.18	17.97	26.136	163.17	0		
"2015-04-08	19:00:00"	16.02	237.7	18.24	70.18	12.4	238.6	19.46	51.69	73.27	72.85	0.421	43.53	46.75	26.151	165.95	0		
"2015-04-08	20:00:00"	13.11	233.5	12.96	21.87	9.59	233.9	14.8	17.7	76.7	76.2	0.496	33.69	37.02	26.103	126.87	0		
"2015-04-08	21:00:00"	9.27	208.8	16.02	14.12	5.587	210.5	18.05	10.54	70.72	69.59	1.131	47.08	49.3	26.097	3.4117	0		
"2015-04-08	22:00:00"	7.863	215.1	9.48	11.14	4.469	217.8	12.83	7.561	66.75	65.23	1.518	57.8	59.42	26.085	0	0		
"2015-04-08	23:00:00"	6.98	203.8	21.23	11.74	3.402	199.9	40.6	6.368	64.9	62.64	2.266	61.3	63.54	26.087	0	0		
"2015-04-09	00:00:00"	6.623	183.9	16.12	11.74	2.808	180.9	24.49	6.964	61.59	59.16	2.431	67.07	68.97	26.09	0	0		
"2015-04-09	01:00:00"	6.239	197.2	11.63	9.35	2.923	196.8	24.63	6.368	60.71	58.07	2.643	69.73	70.6	26.089	0	0		
"2015-04-09	02:00:00"	5.676	216.9	11.97	8.75	2.688	228	19.58	4.578	59.16	56.77	2.387	84.6	80.8	26.088	0	0		
"2015-04-09	03:00:00"	5.811	230.8	17.76	9.95	2.717	247.4	28.74	5.175	57.07	54.9	2.175	91.6	86.2	26.089	0	0		
"2015-04-09	04:00:00"	3.786	247.3	22.04	6.368	1.889	268.9	60.43	5.175	55.77	53.79	1.985	98	91.4	26.086	0	0		
"2015-04-09	05:00:00"	2.794	218	25.7	6.368	1.409	231.3	61.93	3.386	55	53.96	1.042	98.6	92.6	26.086	0	0		
"2015-04-09	06:00:00"	3.859	245	25.32	6.964	2.683	248.1	32.11	5.175	53.38	53.33	0.054	98.9	98.5	26.095	0	0		
"2015-04-09	07:00:00"	3.049	217	88.6	7.561	2.267	195.6	98.2	5.771	52.45	52.17	0.273	99.1	100.1	26.113	0	0		
"2015-04-09	08:00:00"	12.94	319.6	29.66	24.86	8.89	322.4	28.49	18.3	56.78	53.79	2.991	55.2	68.75	26.135	19.548	0		
"2015-04-09	09:00:00"	13.91	0.399	15.32	21.28	9.9	358.6	17.3	15.91	55.94	55.89	0.042	37.59	38.62	26.186	162.78	0		
"2015-04-09	10:00:00"	15.94	8.07	15.03	26.65	11.46	6.758	17.59	21.87	60.9	61.37	-0.477	22.38	21.58	26.238	382.48	0		
"2015-04-09	11:00:00"	17.51	356.1	15	26.05	13.12	354.9	17.19	21.28	63.85	64.73	-0.875	19.03	17.66	26.279	538.29	0		
"2015-04-09	12:00:00"	15.94	352.8	16.4	24.26	12.36	351.5	17.34	19.49	67.83	69.1	-1.271	15.03	13.55	26.309	750.51	0		
"2015-04-09	13:00:00"	12.23	340.3	20.12	23.66	9.5	339.3	21.3	19.49	71.16	72.45	-1.292	11.68	10.24	26.332	823.56	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-09	14:00:00"	9.7	327	24.23	20.09	7.957	327.3	25.94	17.1	73.98	74.92	-0.94	9.63	8.38	26.34	847.33	0		
"2015-04-09	15:00:00"	8.35	327.9	40.38	17.1	6.745	330.3	43.61	17.1	76.1	76.97	-0.872	8.18	6.886	26.342	801.19	0		
"2015-04-09	16:00:00"	8.06	309.8	31.32	15.31	6.683	312.8	34.36	13.52	76.78	77.49	-0.713	7.999	6.548	26.339	603.52	0		
"2015-04-09	17:00:00"	7.351	307.3	37.07	13.52	5.999	308.6	41.81	12.33	77.92	78.49	-0.57	7.348	5.942	26.333	594.23	0		
"2015-04-09	18:00:00"	7.068	258.1	42.53	14.12	5.749	259.3	45.01	11.74	78.64	79.05	-0.406	6.663	5.075	26.338	507.71	0		
"2015-04-09	19:00:00"	4.476	269.7	59.23	11.74	3.591	277.4	64.46	9.35	78.85	78.77	0.075	6.788	5.295	26.339	305.71	0		
"2015-04-09	20:00:00"	6.169	136.8	30.08	12.93	3.863	139.7	37.17	11.14	75.61	75.02	0.589	10.64	9.83	26.336	84.765	0		
"2015-04-09	21:00:00"	7.921	105.1	17.04	12.33	4.147	100	19.26	7.561	69.24	67.44	1.796	18.21	19.04	26.326	2.9968	0		
"2015-04-09	22:00:00"	7.529	100	6.737	9.95	4.101	91.2	13.43	6.368	65.41	63.12	2.289	20.19	21.15	26.316	0	0		
"2015-04-09	23:00:00"	6.235	105	9.24	12.33	3.057	87.1	11	7.561	62.28	59.45	2.827	25.38	25.71	26.317	0	0		
"2015-04-10	00:00:00"	10.82	83.8	7.713	17.1	6.033	82.6	15.6	11.74	60.47	59.02	1.451	33.9	33.69	26.322	0	0		
"2015-04-10	01:00:00"	12.15	84.6	6.974	15.91	7.295	84.8	14.97	11.14	59.1	58.29	0.807	49.12	48	26.34	0	0		
"2015-04-10	02:00:00"	14.08	83.3	8.07	21.87	8.42	81.6	16.29	16.51	57.14	56.38	0.757	55.57	53.76	26.346	0	0		
"2015-04-10	03:00:00"	14.78	77.79	7.964	23.66	8.9	73.87	16.38	16.51	54.88	54.24	0.646	59.09	56.59	26.345	0	0		
"2015-04-10	04:00:00"	15.5	76.95	7.865	26.05	9.45	74.84	16.6	18.89	52.82	52.34	0.483	57.41	54.61	26.346	0	0		
"2015-04-10	05:00:00"	18.53	78.99	8.3	32.61	11.19	76.75	16.7	21.87	51.31	50.84	0.467	57.3	54.19	26.332	0	0		
"2015-04-10	06:00:00"	22.11	82	7.777	32.61	13.55	80.7	15.88	22.47	50.2	49.87	0.332	59.14	55.4	26.334	0	0		
"2015-04-10	07:00:00"	21.77	83.9	7.082	29.63	13.33	82.7	15.62	21.87	49.02	48.69	0.328	61.98	57.78	26.348	0	0		
"2015-04-10	08:00:00"	18.52	79	8.16	31.42	11.38	77.19	16.17	20.09	47.66	47.42	0.238	64.45	59.69	26.352	13.405	0		
"2015-04-10	09:00:00"	18.98	76.04	9.16	29.63	12.05	73.49	16.89	23.07	48.74	49.49	-0.752	62.35	56.76	26.368	173.12	0		
"2015-04-10	10:00:00"	21.75	80.2	9.34	32.61	13.81	78.16	17.73	22.47	51.54	52.83	-1.294	56.48	51.28	26.397	392.95	0		
"2015-04-10	11:00:00"	17.32	79.14	11.58	26.05	11.65	76.76	18.97	20.68	54.69	56.55	-1.863	50.76	46.22	26.43	588.92	0		
"2015-04-10	12:00:00"	15.35	95.4	14.68	26.05	10.92	93.6	20.72	18.89	57.75	59.91	-2.155	46.82	42.93	26.453	756.56	0		
"2015-04-10	13:00:00"	13.6	111.6	14.43	22.47	9.87	110.8	20.58	19.49	60.9	63.08	-2.176	43.85	40.81	26.466	859.6	0		
"2015-04-10	14:00:00"	12.21	113.3	21.31	20.09	8.92	112.8	27.66	16.51	64.39	66.53	-2.144	39.67	37.82	26.459	916.11	0		
"2015-04-10	15:00:00"	10.97	138.3	22.53	21.87	7.741	141	28.92	15.91	67.02	68.98	-1.969	37.56	36.25	26.446	876.95	0		
"2015-04-10	16:00:00"	11.86	131.7	19.21	21.87	8.23	133.7	25.34	17.7	69.63	71.69	-2.063	35.48	34.49	26.422	802.48	0		
"2015-04-10	17:00:00"	13.67	135.3	16.55	24.26	9.22	136.1	22.53	17.7	71.86	73.79	-1.933	34.04	33.48	26.395	654.52	0		
"2015-04-10	18:00:00"	15.67	131.5	14.71	24.26	10.29	132.8	20.44	18.89	72.27	73.79	-1.517	34.85	34.63	26.368	452.74	0		
"2015-04-10	19:00:00"	14.9	141.2	9.66	22.47	9.45	144.1	16.01	17.1	71.15	71.75	-0.592	37.78	38.32	26.35	191.09	0		
"2015-04-10	20:00:00"	13.14	131	9.33	20.68	8.12	131.8	15.46	15.91	70.03	70	0.034	41.14	41.91	26.33	67.513	0		
"2015-04-10	21:00:00"	9.34	111.2	8.87	14.12	6.134	110.9	14.49	10.54	67.5	66.97	0.535	46.91	47.23	26.319	3.0928	0		
"2015-04-10	22:00:00"	8.94	97.5	7.964	13.52	5.905	96.2	14.37	9.95	64.6	63.95	0.647	52.77	52.16	26.323	0	0		
"2015-04-10	23:00:00"	12.41	105.1	8.67	20.68	8.68	105.3	15.13	15.31	63.95	63.55	0.394	54.77	53.58	26.328	0	0		
"2015-04-11	00:00:00"	12.58	102.6	8.84	20.68	8.86	102.1	14.78	16.51	62.71	62.32	0.388	55.95	54.44	26.33	0	0		
"2015-04-11	01:00:00"	11.97	103.5	8.77	17.7	8.5	102.7	14.37	14.72	61.41	61.04	0.372	59.42	57.3	26.317	0	0		
"2015-04-11	02:00:00"	10.68	92.6	49.18	20.68	7.408	91.3	51.44	15.91	60.02	59.68	0.332	64.25	61.39	26.311	0	0		
"2015-04-11	03:00:00"	9.51	81.6	19.96	15.31	6.079	80.6	24.48	11.14	59.98	59.56	0.416	68.45	65.37	26.31	0	0		
"2015-04-11	04:00:00"	10.35	81.8	9.65	15.91	6.404	80.1	17.74	11.14	57.17	56.78	0.389	73.45	69.46	26.288	0	0		
"2015-04-11	05:00:00"	8.08	86.7	10.43	11.74	5.011	84.7	17.54	8.16	56.35	55.86	0.483	77.68	73.37	26.274	0	0		
"2015-04-11	06:00:00"	7.258	89.7	8.36	10.54	4.377	87	14.57	7.561	56.06	55.48	0.577	79.11	74.74	26.262	0	0		
"2015-04-11	07:00:00"	4.435	84.6	17.68	7.561	2.398	72.97	37.4	5.175	55.59	54.67	0.925	83.8	78.89	26.265	0	0		
"2015-04-11	08:00:00"	5.269	80.1	14.9	9.35	2.921	69.63	21.96	5.771	54.21	53.03	1.183	87.9	82.8	26.259	4.0984	0		
"2015-04-11	09:00:00"	7.822	103.2	14.5	14.72	5.203	101	19.92	10.54	55.93	56.3	-0.377	88	81.2	26.261	155.38	0		
"2015-04-11	10:00:00"	9.77	136	14.99	15.31	6.574	138.7	21.26	11.14	63.53	64.86	-1.328	75.98	70.2	26.301	382.39	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-11	11:00:00"	9.63	181.1	18.73	15.91	6.847	185.6	22.95	12.93	68.61	69.85	-1.24	60.16	57.3	26.337	576.79	0		
"2015-04-11	12:00:00"	9.67	206.6	18.12	17.7	7.246	211.2	20.97	16.51	72.53	73.73	-1.201	48.89	48.19	26.361	748.51	0		
"2015-04-11	13:00:00"	10.01	209.4	21.88	18.89	7.589	212.4	25.11	16.51	76.08	77.27	-1.199	40.48	41.27	26.364	855.67	0		
"2015-04-11	14:00:00"	10.54	230.3	25.88	24.26	8.03	231.6	27.85	17.7	80.2	81.5	-1.377	29.24	30.11	26.352	906.95	0		
"2015-04-11	15:00:00"	12.23	212.7	22.32	26.65	9.1	216	23.85	21.87	82.3	83.6	-1.375	24.36	25.04	26.336	905.92	0		
"2015-04-11	16:00:00"	14.19	213.7	15.89	23.66	10.37	216	17.85	20.09	82.3	83.9	-1.575	23.63	23.96	26.314	766.05	0		
"2015-04-11	17:00:00"	15.17	198.2	16.88	24.26	10.41	200.9	19.93	20.09	81.8	83.3	-1.512	28.47	28.89	26.287	589.46	0		
"2015-04-11	18:00:00"	15.46	181.3	15.19	26.05	10.28	185.1	20.02	19.49	81.1	82.5	-1.406	31.4	31.99	26.268	493.71	0		
"2015-04-11	19:00:00"	15.21	178.3	12.87	25.45	9.81	181.2	18.77	20.09	80.7	81.4	-0.729	30.29	31.28	26.25	281.79	0		
"2015-04-11	20:00:00"	15.28	163.7	10.01	23.07	9.29	166.2	16.48	17.1	78.98	78.88	0.096	31.49	33.07	26.224	91.99	0		
"2015-04-11	21:00:00"	14.68	160.1	8.1	22.47	8.83	162.1	15.35	17.1	74.29	73.73	0.569	45.62	46.99	26.214	4.169	0		
"2015-04-11	22:00:00"	13.07	156.8	8.07	21.28	7.804	159	15.65	15.31	69.55	68.86	0.684	58.61	58.48	26.214	0	0		
"2015-04-11	23:00:00"	13.3	164.1	9.28	22.47	8.04	166.4	16.27	15.31	66.49	65.97	0.513	70.28	68.3	26.222	0	0		
"2015-04-12	00:00:00"	10.9	165.8	8.41	17.1	6.43	168.8	15.29	11.74	63.56	62.98	0.585	79.96	76.69	26.215	0	0		
"2015-04-12	01:00:00"	10.62	167.6	8.16	15.91	6.244	171.1	15.02	11.74	62.04	61.36	0.683	80.9	77.81	26.203	0	0		
"2015-04-12	02:00:00"	10.87	165.8	8.25	15.91	6.394	169.1	15.27	11.14	60.88	60.31	0.562	84.7	80.8	26.194	0	0		
"2015-04-12	03:00:00"	10.24	166.2	9.42	16.51	6.06	169.6	16.67	11.14	59.89	59.45	0.438	88.8	84.3	26.18	0	0		
"2015-04-12	04:00:00"	10.19	174.3	8.56	15.31	6.216	179	16.46	11.14	59.41	59.11	0.299	90.8	86	26.169	0	0		
"2015-04-12	05:00:00"	9.49	182.9	9.29	14.72	5.905	187.7	15.67	10.54	58.74	58.51	0.23	92.9	87.9	26.167	0	0		
"2015-04-12	06:00:00"	8.1	188.5	9.19	12.33	5.207	193.7	15.07	9.95	57.89	57.73	0.163	95	89.5	26.166	0	0		
"2015-04-12	07:00:00"	4.952	207	12.1	8.16	3.05	212.2	15.06	6.368	56.81	56.55	0.261	96.7	91.1	26.159	0	0		
"2015-04-12	08:00:00"	5.534	210.8	10.4	9.35	3.438	214	12.78	6.368	56.38	56.27	0.109	97.7	92.1	26.163	7.3681	0		
"2015-04-12	09:00:00"	6.176	198.4	20.81	11.14	4.335	201.6	22.78	8.16	58	58.41	-0.409	96.6	91.8	26.175	131.66	0		
"2015-04-12	10:00:00"	10.07	178.2	15.84	19.49	6.66	182.9	21.36	12.93	62.86	63.79	-0.935	83	76.99	26.188	298.94	0		
"2015-04-12	11:00:00"	11.38	189.5	13.41	17.1	7.788	193.2	17.98	14.72	67.17	68.18	-1.011	69.96	66.03	26.223	302.57	0		
"2015-04-12	12:00:00"	12	187.3	11.6	18.3	8.05	191.9	16.66	13.52	67.55	68.48	-0.933	69.22	65.57	26.235	294.01	0		
"2015-04-12	13:00:00"	8.49	199.9	20.62	14.12	6.375	205.4	24.11	12.93	72.9	73.78	-0.885	52.7	52.04	26.226	703.2	0		
"2015-04-12	14:00:00"	9.59	180.7	20.85	20.09	6.772	184.4	26.49	13.52	76.91	78.46	-1.549	40.86	41.4	26.229	844.94	0		
"2015-04-12	15:00:00"	9.85	196.2	21.77	17.7	7.288	200.8	25.43	14.72	79.02	80.4	-1.411	33.99	34.92	26.214	791.49	0		
"2015-04-12	16:00:00"	9.69	200.5	22.79	18.3	6.984	203	26.28	14.72	79.74	80.7	-0.984	32.91	34.17	26.199	478.58	0		
"2015-04-12	17:00:00"	7.717	224.1	18.22	15.31	5.535	225.9	19.31	11.14	77.33	77.46	-0.133	35.18	37.36	26.166	69.864	0		
"2015-04-12	18:00:00"	19.11	251.1	30.64	45.73	13.78	252.2	32.01	32.61	64.03	63.82	0.21	75.64	74.22	26.151	19.205	0.05		
"2015-04-12	19:00:00"	5.482	246.9	59.71	14.72	4.149	249.4	66.48	11.74	63.45	63.32	0.123	79.97	78.3	26.139	76.539	0		
"2015-04-12	20:00:00"	4.315	305.6	48.63	10.54	3.38	304.4	49.9	8.75	64.29	64.24	0.049	77.71	76.46	26.144	36.67	0		
"2015-04-12	21:00:00"	4.504	324.7	37.97	7.561	3.324	320.6	45.71	6.368	62.48	62.27	0.218	83.5	81.1	26.124	1.4567	0		
"2015-04-12	22:00:00"	2.566	295	65.59	5.771	1.892	286.2	85.3	3.386	61.69	60.86	0.824	86.6	84.8	26.135	0	0		
"2015-04-12	23:00:00"	3.566	148.5	34.31	5.771	2.069	137.4	40.98	3.386	60.08	58.21	1.871	90.4	88.9	26.134	0	0		
"2015-04-13	00:00:00"	4.739	183.9	18.91	6.964	2.607	183.8	25.13	4.578	60.24	59.58	0.664	91.3	90.1	26.144	0	0		
"2015-04-13	01:00:00"	4.705	176.4	16.18	6.964	2.406	172.1	36.69	4.578	58.65	58.21	0.442	94.6	89.6	26.145	0	0		
"2015-04-13	02:00:00"	2.981	213.3	55.31	6.368	2.125	221	69.14	4.578	57.63	57.44	0.189	97.3	92.1	26.139	0	0		
"2015-04-13	03:00:00"	4.434	226.4	14.29	6.368	2.533	228.6	19.74	4.578	57.59	57.06	0.533	97.2	92.6	26.14	0	0		
"2015-04-13	04:00:00"	8.67	297.7	9.37	14.72	6.656	300.8	10.9	12.93	56.5	56.29	0.213	92.6	89.8	26.139	0	0		
"2015-04-13	05:00:00"	8.99	317.7	26.97	17.1	6.875	318.1	28.04	13.52	55.37	55.41	-0.041	92.2	86.9	26.132	0	0		
"2015-04-13	06:00:00"	6.863	271.2	38.18	11.14	5.273	269.1	39.98	9.35	55.01	55.07	-0.06	94.5	89	26.133	0	0.09		
"2015-04-13	07:00:00"	4.415	274.6	51.1	8.75	3.093	276	57.39	6.368	54.89	54.84	0.057	95.1	90.3	26.141	0	0.01		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	AT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-13	08:00:00"	3.678	290.5	56.94	6.368	2.455	289.2	67.99	3.982	55.24	55.2	0.045	94.1	89.5	26.156	4.1686	0		
"2015-04-13	09:00:00"	3.98	310.8	49.98	8.75	3.068	312.4	51.69	6.368	55.35	55.37	-0.021	91.6	87.8	26.182	29.529	0		
"2015-04-13	10:00:00"	2.188	160.2	76.69	4.578	1.729	181.1	84.8	3.982	56.38	56.37	0.009	84.3	80.7	26.195	91.429	0		
"2015-04-13	11:00:00"	8.68	59.51	40.99	17.7	5.149	54.21	42.08	13.52	56.45	56.64	-0.196	83.6	79.57	26.228	134.89	0		
"2015-04-13	12:00:00"	13.99	19.67	11.1	23.07	9.65	20.05	12.73	18.3	54.76	55	-0.235	83.8	78.81	26.253	106.02	0.05		
"2015-04-13	13:00:00"	13.77	34.38	11.72	24.86	7.81	31.79	12.74	15.91	53.77	53.92	-0.148	88	82.7	26.273	142.11	0.02		
"2015-04-13	14:00:00"	21.09	39.15	9.94	34.4	11.33	36.17	11.68	26.65	54.06	54.51	-0.454	87.7	82.4	26.273	385.39	0		
"2015-04-13	15:00:00"	25.06	32.93	10.12	37.98	14.31	30.68	11.85	31.42	55.47	56.08	-0.606	80.2	75.56	26.287	597.15	0		
"2015-04-13	16:00:00"	27.36	33.27	10.04	43.35	15.88	30.18	11.55	30.82	58.04	58.89	-0.857	74.38	70.21	26.301	928.73	0		
"2015-04-13	17:00:00"	27.36	38.03	10.35	39.17	14.93	34.6	12.63	30.22	56.31	56.99	-0.677	81	75.23	26.321	375.45	0		
"2015-04-13	18:00:00"	24.7	42.25	10.04	35.59	13.25	38.09	12.22	25.45	54.68	55.16	-0.48	83.8	77.64	26.331	153	0		
"2015-04-13	19:00:00"	21.65	33.1	10.02	33.21	12.4	30.87	11.69	28.43	52.31	52.61	-0.294	88.9	82.2	26.347	55.728	0		
"2015-04-13	20:00:00"	19.51	32.64	9.65	30.82	11.28	30.01	11.14	24.26	50.83	51.04	-0.213	90.1	83.1	26.364	19.075	0		
"2015-04-13	21:00:00"	18.42	30.21	9.69	28.43	10.93	27.67	11.39	24.86	50.47	50.66	-0.189	93.2	85.7	26.379	0.38082	0.01		
"2015-04-13	22:00:00"	20.34	24.94	9.69	30.82	12.92	24.06	12.03	26.65	49.9	49.99	-0.091	90.1	83.2	26.401	0	0		
"2015-04-13	23:00:00"	18.63	30.87	9.77	27.84	10.84	29.15	10.8	22.47	49.64	49.68	-0.039	89	82.3	26.423	0	0		
"2015-04-14	00:00:00"	17.31	35.12	9.48	28.43	9.41	32.29	10.46	18.89	48.42	48.47	-0.054	89.1	82.3	26.431	0	0		
"2015-04-14	01:00:00"	14.94	39.97	9.46	21.87	8.02	36.53	11.11	15.91	48.45	48.42	0.026	85.7	79.47	26.426	0	0		
"2015-04-14	02:00:00"	11.22	54.01	11.43	18.3	6.757	50.38	16.19	14.12	48.22	48.02	0.195	83.7	78.12	26.427	0	0		
"2015-04-14	03:00:00"	7.205	47.05	10.03	11.74	3.975	44.07	14.18	8.75	46.72	46.32	0.394	84.6	78.88	26.416	0	0		
"2015-04-14	04:00:00"	8.02	18.61	13.47	12.93	5.448	16.5	15.76	11.74	45.9	45.71	0.196	86.5	80	26.401	0	0		
"2015-04-14	05:00:00"	9.51	7.914	10.72	17.1	6.889	5.951	14.18	12.93	46.71	46.7	0.015	84.6	78.26	26.414	0	0		
"2015-04-14	06:00:00"	12.3	21.33	9.95	20.09	8.47	20.86	12.13	15.91	47.03	47.01	0.022	83.1	76.72	26.413	0	0		
"2015-04-14	07:00:00"	9.59	24.38	9.45	18.89	6.17	23.71	12.51	14.72	46.42	46.38	0.042	83.9	77.32	26.423	0	0		
"2015-04-14	08:00:00"	6.259	19.86	18.1	9.35	3.971	16.42	21.8	6.964	45.85	45.75	0.099	82.5	76.46	26.417	19.39	0		
"2015-04-14	09:00:00"	7.559	23.69	22.24	12.93	5.133	19.86	23.3	10.54	47.15	48.26	-1.106	78.21	71.74	26.432	189.96	0		
"2015-04-14	10:00:00"	9.35	45.99	12.81	14.12	5.73	41.53	16.31	11.74	50.1	51.43	-1.327	72.31	66.86	26.45	399.72	0		
"2015-04-14	11:00:00"	7.33	51.02	19.8	11.74	4.877	44.74	24.32	10.54	52.99	54.3	-1.308	69.43	65.03	26.464	529.29	0		
"2015-04-14	12:00:00"	4.952	32.43	34.39	11.14	3.704	25.44	40.9	9.35	56.89	58.07	-1.18	60.92	58.87	26.481	643.04	0		
"2015-04-14	13:00:00"	5.06	352.9	47	20.09	4.153	347.7	52.28	12.93	59.54	60.11	-0.574	55.29	54.8	26.492	611.38	0		
"2015-04-14	14:00:00"	6.273	359	52.6	12.33	4.955	354.5	55.39	11.14	59.54	60.3	-0.762	53.45	52.43	26.464	533.29	0		
"2015-04-14	15:00:00"	5.054	11.44	60.72	11.14	3.943	4.907	63.93	9.95	64.27	64.81	-0.539	44.19	45.76	26.448	940.37	0		
"2015-04-14	16:00:00"	5.061	76.23	67.5	11.14	4.02	74.04	70.45	11.14	65.9	66.42	-0.521	39.91	41.34	26.433	838.12	0		
"2015-04-14	17:00:00"	4.376	2.684	65.44	9.35	3.768	353	66.52	9.35	67.97	67.79	0.186	35.56	38.37	26.405	757.74	0		
"2015-04-14	18:00:00"	6.506	197.7	48.87	16.51	4.886	200.8	52.68	11.14	65.97	66.67	-0.698	40.77	40.99	26.384	464	0		
"2015-04-14	19:00:00"	6.6	219.6	30.53	12.93	5.164	226.1	34.18	11.74	65.45	65.72	-0.266	42.09	42.47	26.357	330.81	0		
"2015-04-14	20:00:00"	6.441	222.6	21.74	11.74	4.727	223.4	23.59	10.54	64.29	64.28	0.008	41.15	42.06	26.342	133.77	0		
"2015-04-14	21:00:00"	6.863	157	7.65	8.75	2.942	150.9	13.84	4.578	59.55	57.31	2.237	53.72	56.91	26.318	5.4318	0		
"2015-04-14	22:00:00"	7.146	153.8	4.956	8.75	2.678	144.8	12.5	4.578	54.97	51.93	3.036	65.5	68.75	26.286	0	0		
"2015-04-14	23:00:00"	7.75	163.4	13.58	9.95	3.21	159.7	22.91	5.771	53.06	50.1	2.959	70.97	73.36	26.269	0	0		
"2015-04-15	00:00:00"	7.195	176.5	7.495	9.95	3.231	178.1	14.53	6.368	50.86	48.99	1.873	79.02	77.19	26.253	0	0		
"2015-04-15	01:00:00"	6.696	183.5	5.318	9.35	2.78	186.6	13.25	4.578	48.61	46.54	2.073	84.4	81.6	26.237	0	0		
"2015-04-15	02:00:00"	5.471	214.2	8.58	7.561	2.643	218.6	11.32	3.982	47.61	45.81	1.803	86.6	83.4	26.22	0	0		
"2015-04-15	03:00:00"	3.862	212.6	9.77	6.368	1.689	209.2	22.22	3.386	46.62	44.94	1.683	88.3	84.3	26.205	0	0		
"2015-04-15	04:00:00"	5.227	194.9	9.72	7.561	2.235	181.5	21.07	3.982	46.07	43.53	2.54	89.3	86.1	26.187	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-15	05:00:00"	6.201	197.2	7.444	9.35	3.054	198	14.26	6.368	44.95	43.25	1.707	91.1	87.1	26.171	0	0		
"2015-04-15	06:00:00"	5.61	205.6	8.54	8.16	2.642	212.9	16.15	4.578	44.89	43.1	1.793	91.1	87.1	26.158	0	0		
"2015-04-15	07:00:00"	5.227	189	14.55	7.561	2.234	195.1	28.46	3.982	44.27	42.22	2.05	91.8	87.7	26.144	0	0		
"2015-04-15	08:00:00"	4.473	201.6	9.64	6.964	1.673	222.7	21.83	3.386	44.94	43.07	1.872	91	88	26.147	25.308	0		
"2015-04-15	09:00:00"	6.29	200.7	10.7	13.52	4.221	206.4	14.62	10.54	48.81	49.78	-0.964	87.2	80.3	26.171	201.69	0		
"2015-04-15	10:00:00"	11.48	197.5	8.74	16.51	7.914	201.9	13.8	12.93	54.87	55.95	-1.08	76.11	70.81	26.208	413.09	0		
"2015-04-15	11:00:00"	12.73	205.4	12.36	18.89	8.97	208.6	15.27	14.72	61.65	62.96	-1.307	60.17	57.06	26.25	602.87	0		
"2015-04-15	12:00:00"	15.63	211.5	10.68	21.28	11.04	214.3	13.74	17.1	67.01	68.52	-1.51	46.61	45.84	26.281	770.56	0		
"2015-04-15	13:00:00"	14.57	218.5	12.6	21.28	10.73	220.6	14.72	20.09	70.92	72.31	-1.389	37.31	38.16	26.293	880.74	0		
"2015-04-15	14:00:00"	14.93	207.5	14.68	24.86	10.61	211	17.3	18.89	74.52	76.21	-1.686	30.42	31.32	26.286	928.01	0		
"2015-04-15	15:00:00"	14.65	198.5	15.91	23.07	10.24	202.1	19.11	17.7	77.62	79.38	-1.764	23.46	24.18	26.268	921.85	0		
"2015-04-15	16:00:00"	13.75	208.2	17.41	23.07	9.88	210.4	19.72	17.7	79.09	80.7	-1.596	20.26	20.81	26.249	872.17	0		
"2015-04-15	17:00:00"	14.76	194.7	17.74	24.86	9.99	197.8	20.92	19.49	79.31	80.7	-1.36	19.12	19.51	26.219	605.09	0		
"2015-04-15	18:00:00"	16.27	197.2	12.73	30.82	10.96	200.8	16.79	21.28	79.77	81	-1.264	20.18	20.52	26.204	549.9	0		
"2015-04-15	19:00:00"	13.46	197.7	13.53	24.86	8.71	201.4	17.23	18.3	78.2	78.35	-0.152	21.63	22.69	26.191	174.74	0		
"2015-04-15	20:00:00"	11.05	171.9	11.38	17.7	6.616	174.8	17	13.52	75.34	74.73	0.609	23.76	25.3	26.171	37.139	0		
"2015-04-15	21:00:00"	8.68	169.6	31.75	17.1	4.829	169.8	36.11	12.93	72.91	71.73	1.181	26.51	29.08	26.171	17.324	0		
"2015-04-15	22:00:00"	9.92	174.8	46.4	36.19	5.809	176	51.95	25.45	69.74	67.31	2.436	31.86	38.42	26.182	0	0		
"2015-04-15	23:00:00"	10.15	146.4	14.06	14.72	4.868	143.9	21.33	8.75	64.12	60.85	3.266	49.9	57.92	26.175	0	0		
"2015-04-16	00:00:00"	10.27	128.2	8.53	13.52	5.323	125.7	14.1	9.95	61.31	59.2	2.11	61.46	64.65	26.148	0	0		
"2015-04-16	01:00:00"	12.63	135.9	15.81	20.68	7.153	135.8	21.35	14.72	61.31	59.99	1.322	66.87	67.19	26.136	0	0		
"2015-04-16	02:00:00"	12.76	159.4	7.672	21.87	7.483	161.2	15.52	17.1	61.67	60.75	0.912	76.99	74.77	26.142	0	0		
"2015-04-16	03:00:00"	12.54	163.3	8.74	20.68	7.341	166	16.44	15.91	61.01	60.2	0.814	85.1	82.1	26.14	0	0		
"2015-04-16	04:00:00"	13.62	166.1	8.93	20.68	8.14	168.3	15.95	15.91	60.8	60.34	0.466	86.5	82.8	26.14	0	0		
"2015-04-16	05:00:00"	7.551	172.9	12.71	17.1	3.981	178.4	19.59	12.33	58.63	57.65	0.977	88.9	85.2	26.128	0	0		
"2015-04-16	06:00:00"	4.955	189.7	19.01	11.14	2.228	196.3	38.19	6.964	56.52	54.77	1.743	91.1	88.9	26.117	0	0		
"2015-04-16	07:00:00"	7.253	184.6	8.23	11.74	3.878	188.4	15.11	7.561	56.2	55.1	1.103	87.7	86	26.125	0	0		
"2015-04-16	08:00:00"	7.344	190.5	9.8	12.93	3.996	193.4	16.06	7.561	56.34	54.88	1.463	83.2	81.9	26.136	10.495	0		
"2015-04-16	09:00:00"	11.23	196.5	9.14	18.3	7.276	200.9	14.14	13.52	57.65	57.43	0.216	84.9	80.6	26.166	105.54	0		
"2015-04-16	10:00:00"	13.26	198.1	9.66	20.09	9.05	201.9	14.2	15.31	61.48	62.4	-0.921	80.6	75.19	26.197	372.21	0		
"2015-04-16	11:00:00"	13.17	211.6	12.06	18.3	9.27	215.1	15.09	14.72	67.04	68.23	-1.193	63.12	60.56	26.23	582.67	0		
"2015-04-16	12:00:00"	11.54	229.5	15.59	18.3	8.93	230.6	16.74	15.91	71.66	72.6	-0.942	42.13	43.11	26.257	755.75	0		
"2015-04-16	13:00:00"	12.75	225.7	16.09	20.09	9.62	226.1	18.54	15.91	74.55	75.77	-1.223	34.48	35.81	26.268	865.81	0		
"2015-04-16	14:00:00"	11.33	212.9	18.31	21.28	8.48	215.3	21.12	17.1	76.65	77.92	-1.275	30.16	31.31	26.265	916.09	0		
"2015-04-16	15:00:00"	12.59	224	19.72	23.07	9.45	225.4	22.36	19.49	78.03	79.29	-1.252	26.11	27	26.257	867.39	0		
"2015-04-16	16:00:00"	12.59	213.1	16.71	23.66	9.29	215.8	19.43	18.89	79.15	80.6	-1.458	25.09	25.7	26.244	864.49	0		
"2015-04-16	17:00:00"	13.92	200.3	20.39	24.26	9.77	203.2	23.46	18.3	79.72	81.2	-1.507	24.25	24.74	26.223	722.55	0		
"2015-04-16	18:00:00"	13.01	191.9	17.76	20.68	8.76	195.9	21.43	17.1	79.64	81	-1.367	24.83	25.33	26.207	513.87	0		
"2015-04-16	19:00:00"	13.83	212.7	16.86	23.66	9.72	214.8	18.73	18.3	78.74	79.21	-0.473	24.81	25.77	26.197	293.51	0		
"2015-04-16	20:00:00"	12.96	177.3	22.35	20.68	8.12	180.7	26.37	15.91	76.39	76.48	-0.09	33.64	34.47	26.196	109.29	0		
"2015-04-16	21:00:00"	12.42	152.3	7.877	18.89	7.256	153.9	15.79	14.72	69.35	68.81	0.535	60.63	60.34	26.187	2.764	0		
"2015-04-16	22:00:00"	10.32	147.8	7.133	15.31	5.758	148.6	14.57	9.95	66.26	65.4	0.852	70.29	69.21	26.178	0	0		
"2015-04-16	23:00:00"	10.96	252.1	61.77	25.45	7.763	258.5	60.95	20.68	65.34	64.59	0.751	67.03	66.34	26.199	0	0		
"2015-04-17	00:00:00"	7.811	333.2	13.1	18.3	5.286	338.2	20.78	14.72	64.42	63.3	1.123	41.69	44.38	26.222	0	0		
"2015-04-17	01:00:00"	3.28	316.6	75.56	7.561	1.984	39.43	91.8	5.175	64.48	62.66	1.813	40.76	47.78	26.22	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-17	02:00:00"	4.882	93.9	25.09	9.95	2.655	82	35.58	4.578	61.8	59.78	2.018	53.52	57.39	26.228	0	0		
"2015-04-17	03:00:00"	7.85	347	34.33	17.1	5.482	342.5	34.5	13.52	61.89	59.67	2.219	47.93	52.88	26.221	0	0		
"2015-04-17	04:00:00"	13.4	354.3	13.62	18.89	9.73	351.9	15.11	15.91	59.37	59.02	0.355	41.48	41.71	26.226	0	0		
"2015-04-17	05:00:00"	12.8	4.531	12.11	18.89	9.1	1.752	14.3	15.91	55.45	55.24	0.208	38.69	38.44	26.225	0	0		
"2015-04-17	06:00:00"	13.46	354.6	14.12	18.89	9.64	352	14.13	15.91	52.65	52.28	0.367	40.48	39.73	26.21	0	0		
"2015-04-17	07:00:00"	14.13	355	13.13	21.87	9.83	353.2	14.49	15.31	52.13	51.68	0.449	35.04	34.35	26.21	0	0		
"2015-04-17	08:00:00"	14.28	353.5	13.69	21.28	10.06	352.2	14.17	15.91	52.4	51.97	0.43	30.74	29.75	26.224	23.785	0		
"2015-04-17	09:00:00"	13.45	0.373	13.65	21.28	9.68	357.5	14.32	16.51	55.48	56.04	-0.556	26.21	24.68	26.256	200.42	0		
"2015-04-17	10:00:00"	14.32	359.5	13.36	23.07	10.51	357.5	16.1	17.1	58.81	59.74	-0.928	23.46	21.8	26.286	416.26	0		
"2015-04-17	11:00:00"	10.08	15.66	17.32	17.7	7.18	14.37	18.99	15.31	62.63	63.59	-0.96	21.79	20.6	26.314	608.63	0		
"2015-04-17	12:00:00"	5.244	9.35	42.54	12.33	3.781	5.601	45.23	9.35	68.53	69.38	-0.847	17.08	16.78	26.338	784.64	0		
"2015-04-17	13:00:00"	5.545	247.1	53.59	13.52	4.501	250.6	54.96	10.54	72.28	72.3	-0.019	12.59	12.34	26.351	889.73	0		
"2015-04-17	14:00:00"	10.28	226.9	30.22	19.49	7.841	227.9	32.31	16.51	72.52	73.63	-1.107	14.67	13.9	26.334	945.42	0		
"2015-04-17	15:00:00"	13.58	251.2	20.67	23.66	10.8	251	22.99	20.09	73.58	74.93	-1.346	13.79	12.91	26.309	944.45	0		
"2015-04-17	16:00:00"	13.45	249.1	22.68	25.45	10.54	250.1	24.66	21.87	74.57	75.83	-1.257	13.05	12.17	26.292	878.77	0		
"2015-04-17	17:00:00"	14.95	252.7	17.29	30.82	11.93	252.2	20.36	25.45	74.25	75.4	-1.148	12.79	11.74	26.278	756.39	0		
"2015-04-17	18:00:00"	15.85	249.9	16.29	32.01	12.68	248.5	17.96	33.8	74.13	75.01	-0.872	12.99	11.83	26.264	595.94	0		
"2015-04-17	19:00:00"	12.02	251.2	14.77	26.05	9.34	250.3	17.85	20.09	73.68	74.1	-0.424	14.41	13.56	26.251	328.14	0		
"2015-04-17	20:00:00"	10.93	244.6	12.22	21.28	8.52	244.2	14.7	18.3	73.28	73.11	0.171	12.11	11.19	26.243	130.52	0		
"2015-04-17	21:00:00"	9.69	255.7	8.59	18.3	6.654	254.1	12.28	15.31	68.96	67.75	1.206	12.44	11.6	26.245	8.9982	0		
"2015-04-17	22:00:00"	6.431	297.1	13.32	9.95	3.111	309.2	28.15	6.368	63.26	60.07	3.191	16.7	17.67	26.236	0	0		
"2015-04-17	23:00:00"	8.76	330.3	7.832	12.33	5.847	333.9	10.28	9.35	61.14	59.24	1.891	19.72	19.45	26.231	0	0		
"2015-04-18	00:00:00"	8.47	332.9	9.34	14.12	5.695	334.4	12.17	10.54	60.02	58.71	1.314	20.27	19.81	26.236	0	0		
"2015-04-18	01:00:00"	11.9	324.1	9.62	20.68	8.74	326.2	11.52	17.1	60.31	59.51	0.798	19.55	18.22	26.238	0	0		
"2015-04-18	02:00:00"	5.744	292.8	54.92	13.52	3.769	292.4	64.15	9.35	57.67	56.25	1.421	24.73	24.36	26.251	0	0		
"2015-04-18	03:00:00"	3.67	72.92	83.3	9.95	2.742	93.3	71.49	6.964	56.63	52.57	4.06	24.61	30.53	26.225	0	0		
"2015-04-18	04:00:00"	3.546	96.8	56.91	6.964	2.619	70.35	38.64	4.578	58.39	51.71	6.679	20.64	33.2	26.202	0	0		
"2015-04-18	05:00:00"	3.754	48.77	46.02	11.14	2.246	58.02	67.21	7.561	54.9	48.85	6.046	25.94	36.73	26.183	0	0		
"2015-04-18	06:00:00"	7.647	331.6	12.11	16.51	4.192	330.2	15.94	9.35	56.95	51.07	5.88	20.27	26.85	26.16	0	0		
"2015-04-18	07:00:00"	12.53	359	14.88	20.09	8.74	357.5	15.74	17.1	50.48	49.77	0.706	37.92	36.5	26.174	0	0		
"2015-04-18	08:00:00"	10.63	3.227	22.34	16.51	7.41	1.397	30.47	13.52	48.28	48.06	0.219	40.9	38.78	26.175	29.37	0		
"2015-04-18	09:00:00"	5.102	19.42	51.34	9.95	3.521	12.18	54.09	7.561	52.54	53.7	-1.16	35.73	33.54	26.193	202.77	0		
"2015-04-18	10:00:00"	5.254	70.68	23.09	8.16	3.862	66.82	32.05	6.964	58.85	60.05	-1.196	30.49	28.92	26.22	430.48	0		
"2015-04-18	11:00:00"	4.433	243.5	72.23	12.33	3.633	255.5	66.01	11.14	67.47	67.45	0.019	18.44	18.18	26.263	626.58	0		
"2015-04-18	12:00:00"	8.51	232	21.33	14.12	6.683	233.3	25.14	12.33	68.52	69.19	-0.674	17.67	16.54	26.293	796.73	0		
"2015-04-18	13:00:00"	12.43	231.7	18.5	22.47	9.71	232.6	21.11	18.89	71.2	72.23	-1.029	15.19	14.13	26.282	905.87	0		
"2015-04-18	14:00:00"	16.02	238.6	17.84	30.82	12.38	239	19.89	21.87	73.64	74.85	-1.211	9.96	8.57	26.257	957.76	0		
"2015-04-18	15:00:00"	18.32	241.7	15.83	29.63	14.21	241.9	17.63	25.45	74.24	75.56	-1.318	9.36	7.759	26.234	951.78	0		
"2015-04-18	16:00:00"	20.15	241.2	13.48	35	15.74	241	15.91	29.63	75.36	76.52	-1.159	7.635	5.893	26.21	878.59	0		
"2015-04-18	17:00:00"	21.14	250	13.56	35.59	16.57	249.8	16.09	28.43	75.61	76.71	-1.103	7.439	5.589	26.19	751.24	0		
"2015-04-18	18:00:00"	20.26	252.5	16.36	33.21	15.73	252.3	18.54	27.24	75.58	76.41	-0.829	8.19	6.359	26.172	572.87	0		
"2015-04-18	19:00:00"	20.08	264.7	13.33	32.61	15.04	264.2	16.38	27.24	74.84	75.36	-0.515	11.24	9.73	26.165	350.98	0		
"2015-04-18	20:00:00"	15.81	254.8	10.43	26.05	12.21	253.9	13.67	21.28	73.46	73.51	-0.051	14.34	13.16	26.16	150.35	0		
"2015-04-18	21:00:00"	10.49	250	8.63	21.28	7.771	248.4	11.07	17.7	69.52	68.72	0.797	18.18	17.4	26.148	7.5997	0		
"2015-04-18	22:00:00"	5.3	235.5	8.9	9.95	2.063	239.1	14.89	4.578	63.6	60.85	2.752	25.44	26.43	26.129	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-18	23:00:00"	5.35	237.1	7.648	8.16	1.639	251	24.13	3.386	60.01	56.3	3.706	30.51	33.75	26.106	0	0		
"2015-04-19	00:00:00"	4.847	265.8	23.33	9.95	1.973	268	32.58	5.771	56.92	53.95	2.97	35.28	37.92	26.089	0	0		
"2015-04-19	01:00:00"	4.99	262	20.31	9.95	2.375	253.6	49.97	5.175	56.1	52.83	3.268	35.99	39.24	26.083	0	0		
"2015-04-19	02:00:00"	10.2	307.9	16.03	24.26	6.467	313.9	18.04	20.09	57.65	54.74	2.906	34.81	37.38	26.09	0	0		
"2015-04-19	03:00:00"	7.586	313.8	9.3	14.12	4.865	314.8	11.39	11.74	55.7	54.71	0.987	43.03	42.39	26.112	0	0		
"2015-04-19	04:00:00"	8.73	319.4	12.66	12.93	5.701	320.8	13.65	9.95	53.43	51.91	1.52	47.68	47.37	26.094	0	0		
"2015-04-19	05:00:00"	11.01	333.1	6.684	16.51	8.26	333	8.66	13.52	55.18	54.15	1.037	40.97	40.84	26.098	0	0		
"2015-04-19	06:00:00"	11.01	332.2	8.05	15.31	8.39	330.5	9.69	12.93	55.01	54.22	0.781	40.63	40.02	26.117	0	0		
"2015-04-19	07:00:00"	10.94	324.5	10.75	16.51	8.03	323.6	12.74	12.93	53.23	52.42	0.809	45.09	43.76	26.128	0	0		
"2015-04-19	08:00:00"	9.68	323.8	16.29	14.12	6.813	322	18.64	11.14	50.18	48.96	1.216	53.13	51.33	26.146	31.991	0		
"2015-04-19	09:00:00"	12.48	7.671	15.26	21.28	9.11	6.295	17.63	17.7	53.42	54.18	-0.758	47.99	45.05	26.179	216.48	0		
"2015-04-19	10:00:00"	16.06	14.07	11	26.65	11.72	13.49	13.57	20.68	57.58	58.39	-0.813	41.49	39.81	26.219	432.35	0		
"2015-04-19	11:00:00"	18.5	16.57	11.53	27.24	13.21	15.66	14.51	23.07	60.54	61.39	-0.858	36.64	35.52	26.261	625.51	0		
"2015-04-19	12:00:00"	18.11	9.24	13.87	26.65	13.19	7.766	16.82	23.07	64.05	65.42	-1.367	29.92	28.73	26.295	787.64	0		
"2015-04-19	13:00:00"	16.92	0.776	17.8	28.43	12.69	358.4	20.51	21.87	66.71	68.32	-1.608	25.8	24.59	26.317	897.18	0		
"2015-04-19	14:00:00"	16.38	353.8	17.95	26.65	12.7	352.7	20.13	23.66	68.38	70.13	-1.748	23.66	22.42	26.32	944.76	0		
"2015-04-19	15:00:00"	15.91	348.8	23.69	32.01	12.4	347.8	25.24	26.05	69.92	71.5	-1.585	22.32	21.22	26.314	902.87	0		
"2015-04-19	16:00:00"	15.1	5.534	22.13	29.63	11.13	4.349	23.44	24.86	70.74	72.38	-1.638	22.82	21.88	26.302	863.19	0		
"2015-04-19	17:00:00"	14.63	0.878	18.33	26.05	11.12	359.2	20.99	22.47	70.49	72.15	-1.657	24.4	23.42	26.293	737.72	0		
"2015-04-19	18:00:00"	16.05	19.44	18.17	29.03	10.97	17.68	20.09	26.65	69.26	70.39	-1.127	27.85	27.03	26.289	552.47	0		
"2015-04-19	19:00:00"	17.03	30.92	13.61	27.24	10.43	29.13	14.83	23.07	66.93	67.57	-0.642	30.5	29.67	26.288	340.55	0		
"2015-04-19	20:00:00"	16.77	42.49	12.19	26.65	9.55	38.84	14.69	20.68	63.9	64.26	-0.362	34.62	33.74	26.274	134.31	0		
"2015-04-19	21:00:00"	13.22	57.98	10.08	21.87	7.957	54.87	16.24	17.1	60.09	59.85	0.244	41.06	40.08	26.264	6.8069	0		
"2015-04-19	22:00:00"	10.89	64.6	11.42	16.51	6.677	62.56	17.38	11.14	56.28	55.8	0.482	48.53	46.52	26.255	0	0		
"2015-04-19	23:00:00"	10.54	59.78	10.56	14.72	6.46	58.85	16.7	12.33	53.84	53.36	0.48	54.66	51.79	26.252	0	0		
"2015-04-20	01:00:00"	9.35	62.44	13.13	14.72	5.649	61.52	19.29	10.54	52.07	51.61	0.463	59.83	56.35	26.25	0	0		
"2015-04-20	02:00:00"	8.54	71.12	9.96	12.33	4.939	68.86	18.28	8.75	49.82	49.07	0.753	65.23	61.4	26.245	0	0		
"2015-04-20	03:00:00"	7.915	78.13	10.53	13.52	4.452	74.66	19.84	9.95	48.4	47.45	0.946	68.74	64.79	26.231	0	0		
"2015-04-20	04:00:00"	8.04	92.8	10.85	13.52	4.913	93.2	18.22	8.16	47.6	46.84	0.757	70.8	66.24	26.218	0	0		
"2015-04-20	05:00:00"	5.64	95.6	24.8	11.14	3.178	97.4	50.94	6.964	45.41	44.4	1.011	76.39	71.09	26.235	0	0		
"2015-04-20	06:00:00"	6.778	75.43	15.71	12.33	3.554	72.99	21.62	7.561	44.69	43.2	1.498	78.19	73.63	26.224	0	0		
"2015-04-20	07:00:00"	6.487	77.49	15.93	12.33	3.5	79.75	27.56	8.16	43.21	42.33	0.879	82.8	76.27	26.226	0	0		
"2015-04-20	08:00:00"	2.706	101.6	15.51	8.16	1.449	116.9	31.92	2.789	42.41	40.95	1.464	85.4	79.6	26.239	27.326	0		
"2015-04-20	09:00:00"	5.772	98.2	17.8	15.31	4.035	106.2	24.31	13.52	46.62	47.8	-1.183	76.32	68.77	26.265	205.27	0		
"2015-04-20	10:00:00"	13.22	113	11.69	20.68	9.01	113.1	18.4	17.1	52.13	53.64	-1.518	59.5	54.13	26.305	424.92	0		
"2015-04-20	11:00:00"	13.8	120.9	13.24	20.68	9.4	121.5	20.18	16.51	54.81	56.61	-1.802	51.92	47.39	26.336	616.68	0		
"2015-04-20	12:00:00"	12.44	134.9	20.74	19.49	8.61	135.7	27.03	15.31	57.94	59.93	-1.992	45.3	41.93	26.356	780.93	0		
"2015-04-20	13:00:00"	12.22	145.9	19.84	23.66	8.17	147.8	26.78	15.91	60.92	63.21	-2.287	39	36.67	26.352	888.87	0		
"2015-04-20	14:00:00"	10.96	160.1	21.22	20.68	7.342	164.6	28.86	17.7	64.59	66.79	-2.204	34.77	32.96	26.334	939.46	0		
"2015-04-20	15:00:00"	11.2	158.6	22.41	23.07	7.495	161.6	28.52	16.51	66.98	69.08	-2.093	32.21	30.65	26.316	907.17	0		
"2015-04-20	16:00:00"	12.35	164.4	18.92	21.28	8.3	167.8	24.97	16.51	68.43	70.53	-2.098	31.23	29.83	26.295	862.17	0		
"2015-04-20	17:00:00"	11.92	167.8	19.96	19.49	7.992	171.3	25.2	15.31	69.68	71.76	-2.079	30.37	29.12	26.268	735.73	0		
"2015-04-20	18:00:00"	11.75	171.9	17.69	18.89	7.756	176	23.18	14.72	70.1	71.84	-1.741	30.06	29.04	26.254	562.76	0		
"2015-04-20	19:00:00"	11.97	165.5	13.5	18.89	7.722	169	20.18	14.72	70.16	71.27	-1.103	30.48	29.91	26.24	356.62	0		
"2015-04-20	20:00:00"	12.98	167.1	9.42	18.89	7.868	170.3	17.23	13.52	68.84	69.24	-0.402	32.06	31.93	26.227	146.52	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-20	21:00:00"	9.78	163.8	7.374	18.3	5.157	164.8	15.3	13.52	64.32	63.07	1.248	39.11	40.26	26.213	8.4693	0		
"2015-04-20	22:00:00"	8.55	147.8	8.98	11.14	3.835	146.2	16.35	6.964	59.91	57.9	2.014	47.93	49.02	26.197	0	0		
"2015-04-20	23:00:00"	9.63	154.7	8.67	15.31	5.03	155	16.26	10.54	58.07	56.5	1.569	53.54	53.44	26.188	0	0		
"2015-04-21	00:00:00"	10.77	161.7	8.11	18.3	6.033	163.9	16.1	14.12	57.54	56.45	1.096	56.86	55.65	26.184	0	0		
"2015-04-21	01:00:00"	12.28	170.5	8.22	18.89	7.052	173.6	16.38	14.12	56.76	55.98	0.781	59.63	57.63	26.186	0	0		
"2015-04-21	02:00:00"	8.13	179.7	10.13	14.12	4.182	185.2	17.04	9.35	54.22	53.01	1.218	62.44	60.59	26.179	0	0		
"2015-04-21	03:00:00"	6.352	119.1	78.32	15.91	3.575	118.9	83.2	13.52	52.46	50.92	1.532	65.53	63.62	26.17	0	0		
"2015-04-21	04:00:00"	5.548	86.6	36.86	9.95	3.106	89.9	47.04	7.561	52.2	50.61	1.587	65.18	63.52	26.176	0	0		
"2015-04-21	05:00:00"	5.714	84.3	24.77	9.95	2.631	87.9	32.77	5.771	49.68	47.3	2.377	71.15	69.46	26.154	0	0		
"2015-04-21	06:00:00"	6	91.2	28.34	9.95	2.805	79.5	33.79	5.175	48.35	46.12	2.228	73.25	71.06	26.138	0	0		
"2015-04-21	07:00:00"	5.634	117.3	7.017	7.561	2.373	94.5	19.24	4.578	47.69	44.98	2.71	75.87	74.07	26.134	0	0		
"2015-04-21	08:00:00"	6.602	133.9	12.19	9.95	3.018	124.2	25.77	6.368	47.76	45.53	2.236	76.37	74	26.139	31.482	0		
"2015-04-21	09:00:00"	8.09	148.3	13.99	14.72	5.152	150.4	20.41	11.74	52.65	53.76	-1.105	68.95	62.86	26.17	213.19	0		
"2015-04-21	10:00:00"	9.73	180.1	19.1	13.52	6.611	184	23.58	11.14	57.55	59.06	-1.512	61.18	55.9	26.209	415.96	0		
"2015-04-21	11:00:00"	5.94	253.5	69.46	11.74	4.595	252.6	68.58	10.54	63.27	63.95	-0.684	52.01	50.31	26.248	607.08	0		
"2015-04-21	12:00:00"	3.324	20.07	82.2	8.16	2.667	351	88.6	6.368	71.52	71.2	0.323	38.99	41.79	26.292	769.2	0		
"2015-04-21	13:00:00"	5.387	9.99	50.35	12.33	4.07	9.17	49.42	9.95	74.81	75.2	-0.39	34.66	37.48	26.308	877.11	0		
"2015-04-21	14:00:00"	6.528	50.83	43.7	15.91	4.77	42.44	50.11	11.14	76.72	77.82	-1.107	31.7	33.55	26.299	925.84	0		
"2015-04-21	15:00:00"	6.22	64.38	34.49	15.91	4.57	62.42	44.33	12.93	80.2	81	-0.781	27.25	29	26.287	916.44	0		
"2015-04-21	16:00:00"	6.684	115.9	65.99	18.3	4.915	112.1	73.93	11.14	81.8	82.5	-0.731	23.43	24.52	26.273	851.92	0		
"2015-04-21	17:00:00"	6.612	169.8	63.18	17.7	5.016	176.2	67.87	12.93	83.1	83.6	-0.488	19.84	20.41	26.251	728.54	0		
"2015-04-21	18:00:00"	5.917	200.9	56.83	14.72	4.334	204	59.36	11.14	83.5	83.9	-0.328	16.65	16.81	26.239	569.26	0		
"2015-04-21	19:00:00"	8.55	166	29.65	15.31	5.662	169.2	33.71	12.93	82.3	82.8	-0.464	16.2	16.14	26.233	341.75	0		
"2015-04-21	20:00:00"	8.11	159	21.99	14.72	4.798	160.6	26.6	11.14	80.1	79.74	0.35	16.46	16.78	26.215	113.94	0		
"2015-04-21	21:00:00"	7.187	153.2	4.578	9.35	2.606	137.6	10.44	3.982	75.05	70.91	4.14	21.46	25.6	26.197	8.4391	0		
"2015-04-21	22:00:00"	8.48	144.1	10.38	10.54	3.088	131.5	13.73	5.175	68.97	64.39	4.576	31.08	36.12	26.172	0	0		
"2015-04-21	23:00:00"	10.23	142.3	10.31	15.31	4.773	139.7	18.17	9.95	66.91	64.06	2.853	34.69	37.96	26.165	0	0		
"2015-04-22	00:00:00"	11.16	157.6	7.679	15.91	6.068	158.5	16.24	9.95	65.82	64.63	1.184	51.17	50.92	26.175	0	0		
"2015-04-22	01:00:00"	10.5	157.8	7.938	15.31	5.714	158.8	16.63	11.14	64.59	63.59	1.004	66.87	65.25	26.182	0	0		
"2015-04-22	02:00:00"	7.762	156.7	8.79	11.74	3.765	156.5	17.24	6.964	61.56	60.18	1.379	76.02	73.69	26.169	0	0		
"2015-04-22	03:00:00"	6.702	155.2	14.16	13.52	2.869	150.5	25.91	7.561	58.88	57.16	1.726	85	81.7	26.146	0	0		
"2015-04-22	04:00:00"	5.032	177.4	12.98	11.74	2.139	186.8	26.33	8.16	56.95	55.66	1.284	92.4	87.8	26.129	0	0		
"2015-04-22	05:00:00"	12.08	174.9	9.33	19.49	7.238	179	17.06	14.72	58.61	58.46	0.152	92.5	87.8	26.134	0	0		
"2015-04-22	06:00:00"	11.79	172.1	9.93	18.89	7.036	175.1	17.74	12.93	59.63	59.62	0.008	90	84.7	26.147	0	0		
"2015-04-22	07:00:00"	10.85	178.2	10.1	17.1	6.563	182.3	17.95	12.93	59.73	59.76	-0.034	89.8	84.2	26.156	0	0		
"2015-04-22	08:00:00"	10.82	175.7	10.78	17.7	6.466	179.3	17.79	14.12	59.85	59.92	-0.073	89.3	83.6	26.171	7.6252	0		
"2015-04-22	09:00:00"	10.84	175.2	10.8	16.51	6.654	178.5	18.33	11.74	60.71	61.01	-0.306	86.4	80.6	26.189	66.399	0		
"2015-04-22	10:00:00"	11.24	187.1	14.54	17.1	7.129	190.3	19.66	12.93	62.18	62.82	-0.644	82.2	76.21	26.208	146.87	0		
"2015-04-22	11:00:00"	8.88	205.6	15.56	14.12	6.306	210	19.46	11.74	66.15	67.19	-1.039	71.06	66.68	26.232	529.44	0		
"2015-04-22	12:00:00"	7.908	224	26.48	15.31	6.019	223.4	28.62	12.93	70.92	71.79	-0.873	55.79	54.5	26.256	770.68	0		
"2015-04-22	13:00:00"	9.66	264.4	26.45	18.3	7.44	261.6	30.71	15.31	75.34	76.31	-0.967	39.81	41.2	26.26	881.41	0		
"2015-04-22	14:00:00"	9.45	276.6	29.91	18.89	7.546	275.6	34.25	15.31	79.77	80.6	-0.826	26.89	28.58	26.248	931.57	0		
"2015-04-22	15:00:00"	9.52	262.4	29.7	21.28	7.525	260.2	35.08	19.49	83.4	84.2	-0.811	13.98	14.59	26.243	936.27	0		
"2015-04-22	16:00:00"	11.57	242.2	26.88	22.47	9.01	242.4	28.12	18.3	84.1	85	-0.985	11.5	11.46	26.239	874.18	0		
"2015-04-22	17:00:00"	13.42	235.8	21.99	24.86	10.27	236.5	22.59	21.87	83.9	85	-1.12	11.69	11.4	26.227	749.14	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-22	18:00:00"	13.74	235.6	18.95	22.47	10.28	235.7	20.71	19.49	84.1	84.8	-0.774	10.1	9.05	26.214	571.71	0		
"2015-04-22	19:00:00"	15.2	231.3	12.39	23.66	11.19	230.7	14.04	20.68	83.4	83.8	-0.411	10.04	8.97	26.21	378.89	0		
"2015-04-22	20:00:00"	11.56	241.2	10.06	18.89	8.8	240.3	12.44	15.31	81.8	81.7	0.145	9.92	8.75	26.203	154.61	0		
"2015-04-22	21:00:00"	8.43	227.2	9.92	15.91	4.87	228.5	11.85	11.74	76.14	74.39	1.748	13.58	13.79	26.197	10.051	0		
"2015-04-22	22:00:00"	8.25	240.8	10.78	11.74	4.369	246.1	12.2	6.368	69.23	66.39	2.837	18.4	19.63	26.185	0	0		
"2015-04-22	23:00:00"	5.748	286	16.76	9.95	2.541	286.9	44.05	6.368	66.87	63.37	3.501	19.67	21.59	26.173	0	0		
"2015-04-23	00:00:00"	8.49	298.5	6.148	11.74	3.983	311.4	5.583	6.964	66.48	60.84	5.637	18.91	23.15	26.164	0	0		
"2015-04-23	01:00:00"	4.946	304.8	26.2	10.54	2.725	299	57.54	6.368	64.44	62.2	2.239	20.66	20.78	26.162	0	0		
"2015-04-23	02:00:00"	4.261	244.1	41.49	12.93	2.521	206.1	39.62	7.561	60.78	57.54	3.24	25.78	27.99	26.168	0	0		
"2015-04-23	03:00:00"	2.091	18.45	70.85	4.578	1.558	48.15	42.65	3.386	59.57	55.12	4.446	26.99	34.02	26.15	0	0		
"2015-04-23	04:00:00"	3.969	1.24	29.22	6.368	1.479	7.474	39.41	3.386	61.2	56.56	4.641	24.41	30.84	26.136	0	0		
"2015-04-23	05:00:00"	4.209	313.7	18.19	6.368	1.155	302.8	37.09	2.789	60.22	55.56	4.657	25.26	30.83	26.135	0	0		
"2015-04-23	06:00:00"	4.601	13.94	60.41	17.7	2.978	76.86	48.34	12.33	58.82	55.76	3.066	28.48	32	26.137	0	0		
"2015-04-23	07:00:00"	10.74	63.4	8.61	16.51	6.641	61.17	16.16	11.14	54.91	54.66	0.244	57.22	52.54	26.153	0	0		
"2015-04-23	08:00:00"	10	66.27	9.2	15.31	6.218	62.63	16.88	11.14	54.4	54.47	-0.075	97	88.9	26.165	9.867	0		
"2015-04-23	09:00:00"	7.774	75.83	12.33	11.74	5.031	73.15	20.82	9.35	56.81	57.07	-0.266	98.5	94.8	26.187	73.051	0		
"2015-04-23	10:00:00"	7.405	72.67	14.21	12.33	4.932	70.52	22.16	8.75	58.99	60.32	-1.335	92.5	85.1	26.215	204.59	0		
"2015-04-23	11:00:00"	4.736	71.91	28.46	9.35	3.4	65.95	38.18	7.561	64.94	65.51	-0.57	67.67	64.92	26.234	352.38	0		
"2015-04-23	12:00:00"	3.292	17.54	68.79	8.16	2.682	8.56	65.97	7.561	70.57	70.58	-0.013	56.34	56.81	26.26	470.63	0		
"2015-04-23	13:00:00"	4.017	259.4	57.54	9.35	3.075	265.3	60.55	8.16	74.06	74.33	-0.273	45.97	47.78	26.275	474.55	0		
"2015-04-23	14:00:00"	5.678	225.3	30.62	12.33	4.341	227	30.67	9.35	74.1	74.59	-0.494	42.81	44.05	26.275	483.86	0		
"2015-04-23	15:00:00"	5.913	249.7	41.14	12.93	4.546	253.2	44.3	11.14	76.64	77.04	-0.399	32.83	34.56	26.267	524.64	0		
"2015-04-23	16:00:00"	8.42	262.6	33.54	18.3	6.57	261.2	38.21	15.91	79.35	79.99	-0.638	17.13	17.8	26.258	578.4	0		
"2015-04-23	17:00:00"	11.49	244.3	16.99	20.68	8.86	243.1	19.65	17.1	79.08	79.65	-0.576	14.36	14.41	26.248	449.47	0		
"2015-04-23	18:00:00"	11.14	220.8	17.44	19.49	7.944	222.4	18.85	19.49	78.34	78.58	-0.238	14.82	14.94	26.233	231.64	0		
"2015-04-23	19:00:00"	14.45	192.2	10.92	23.66	9.05	196.9	16.13	18.3	77.38	77.44	-0.056	16.11	16.17	26.223	143.91	0		
"2015-04-23	20:00:00"	16.11	192.8	10.17	25.45	10.08	197.1	15.8	17.7	75.47	75.44	0.032	28.72	29.61	26.219	80.834	0		
"2015-04-23	21:00:00"	15.95	210.5	11.13	26.05	10.34	213.3	14.36	19.49	72.54	72.29	0.249	39.28	40.57	26.222	4.7029	0		
"2015-04-23	22:00:00"	17.92	219.1	8.65	30.22	11.75	220.9	12.22	21.87	70.01	69.79	0.22	43.4	44.21	26.23	0	0		
"2015-04-23	23:00:00"	16.43	215.9	9.48	24.86	10.75	217.6	13.41	18.3	68.7	68.45	0.244	41.83	42.65	26.237	0	0		
"2015-04-24	00:00:00"	16.37	207	9.15	28.43	10.34	209.6	13.47	22.47	68.69	68.35	0.346	35.79	36.88	26.235	0	0		
"2015-04-24	01:00:00"	15.37	215.6	9.11	27.84	10.03	217.2	12.83	18.89	68.37	68.01	0.357	36.16	37.1	26.219	0	0		
"2015-04-24	02:00:00"	15.6	200.1	8.16	24.26	9.74	203.8	13.5	17.7	67.63	67.2	0.43	38.67	39.62	26.203	0	0		
"2015-04-24	03:00:00"	12.4	191.5	8.57	20.09	7.618	195.7	14.78	15.31	65.49	65.13	0.357	46.92	46.55	26.181	0	0		
"2015-04-24	04:00:00"	12.31	187.2	9.1	18.3	7.491	192	15.6	15.31	63.31	63.01	0.297	58.92	57.04	26.151	0	0		
"2015-04-24	05:00:00"	14.32	176.2	9.16	24.86	8.38	180	17.2	17.1	60.8	60.6	0.199	70.95	67.4	26.145	0	0		
"2015-04-24	06:00:00"	17.06	174.1	8.85	27.24	9.83	178.8	16.95	18.3	59.05	58.95	0.104	79.59	75.24	26.146	0	0		
"2015-04-24	07:00:00"	12.88	172.4	9.19	22.47	7.34	176.2	17.04	16.51	58.68	58.27	0.412	83.1	79.63	26.135	0	0		
"2015-04-24	08:00:00"	10.61	185.9	9.42	15.31	6.496	191.7	16.05	12.33	59.38	59.16	0.222	81.5	77.44	26.139	25.801	0		
"2015-04-24	09:00:00"	12.34	199.4	9.91	19.49	7.919	203.7	14.87	14.12	61.15	61.4	-0.257	78.24	74.07	26.151	130.92	0		
"2015-04-24	10:00:00"	13.45	210.8	12.74	20.68	8.89	213.4	15.96	17.1	62.79	63.23	-0.442	74.61	70.56	26.166	206.25	0		
"2015-04-24	11:00:00"	16.82	221.9	20.74	24.26	11.27	223.8	21.62	19.49	66.22	67.09	-0.862	64.47	61.67	26.195	356.27	0		
"2015-04-24	12:00:00"	16.88	275.2	12.82	24.26	12.05	271.3	18.23	20.09	67.44	68.54	-1.097	43.31	43.14	26.203	515.35	0		
"2015-04-24	13:00:00"	16.47	279.6	17.55	27.24	12.72	279.6	21.88	22.47	69.93	71.25	-1.327	36.55	36.83	26.199	824.83	0		
"2015-04-24	14:00:00"	19.67	251.5	13.65	35.59	15.46	250.6	17.09	29.63	73.36	74.66	-1.305	30.44	30.85	26.185	918.72	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1		60_min_avg																
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-24	15:00:00"	22.18	246.5	15.58	37.38	17.09	246	18.28	30.22	75.46	76.73	-1.275	22.64	22.78	26.172	828.48	0		
"2015-04-24	16:00:00"	23.67	251.6	15.34	37.38	18.51	250.6	17.44	32.01	76.9	78.13	-1.231	15.84	15.33	26.163	881.39	0		
"2015-04-24	17:00:00"	25.54	252.9	11.24	38.57	20	251.8	15.07	34.4	77.05	78.13	-1.08	13.14	12.37	26.158	764.39	0		
"2015-04-24	18:00:00"	25.05	258.6	11.89	39.17	19.39	257.6	15.42	33.8	76.41	77.26	-0.846	11.88	10.79	26.159	582.21	0		
"2015-04-24	19:00:00"	22.42	259.1	10.78	36.19	17.13	258.4	14.87	29.03	75.45	75.98	-0.524	15.31	14.6	26.161	365.12	0		
"2015-04-24	20:00:00"	20.13	265.5	11.59	32.01	14.86	263.3	15.37	26.65	74.14	74.23	-0.086	15.17	14.41	26.158	155.16	0		
"2015-04-24	21:00:00"	13.94	265.8	9.73	24.86	9.68	263	15.02	20.09	70.97	70.28	0.69	18.12	17.67	26.152	10.818	0		
"2015-04-24	22:00:00"	8.61	256.9	9.47	13.52	5.441	251.3	14.19	10.54	65.34	63.75	1.594	23.11	23.37	26.145	0	0		
"2015-04-24	23:00:00"	8.33	255.1	11.98	14.12	5.087	246.1	17.66	9.95	62.09	60.17	1.922	26.76	27.45	26.145	0	0		
"2015-04-25	00:00:00"	8.92	251.1	11.91	13.52	6.064	242.2	15.98	10.54	61.86	60.43	1.433	26.83	26.94	26.147	0	0		
"2015-04-25	01:00:00"	7.678	237.8	12.22	10.54	4.098	229.4	17.11	6.964	58	55.35	2.651	32.18	33.85	26.141	0	0		
"2015-04-25	02:00:00"	10.25	268	10.56	15.31	6.771	265.3	14.99	11.74	58.81	57.45	1.356	31.92	32.09	26.133	0	0		
"2015-04-25	03:00:00"	9.15	282.7	12.48	17.1	6.23	286	17.98	10.54	58.12	56.97	1.152	32.9	32.79	26.136	0	0		
"2015-04-25	04:00:00"	6.304	274.7	22.81	9.95	3.335	270.5	30.15	6.964	56.26	53.65	2.615	35.69	37.47	26.131	0	0		
"2015-04-25	05:00:00"	7.672	274.2	11.79	12.33	4.696	276.1	17.92	8.75	55.65	53.57	2.076	37.05	38.26	26.12	0	0		
"2015-04-25	06:00:00"	6.577	298.9	19.18	9.35	3.464	311.1	24.04	5.771	54.85	50.19	4.666	39.21	43.61	26.12	0	0		
"2015-04-25	07:00:00"	7.674	326.1	5.591	9.95	4.782	331.7	6.797	6.964	54.03	51.41	2.625	40.97	42.74	26.121	0.02431	0		
"2015-04-25	08:00:00"	4.142	10.78	58.29	8.75	2.754	36.2	57.42	5.771	52.44	49.58	2.853	44.26	46.33	26.132	41.836	0		
"2015-04-25	09:00:00"	4.695	275.8	26.07	9.35	3.56	275.7	31.31	7.561	57.1	58.16	-1.064	38.89	37.26	26.155	231.89	0		
"2015-04-25	10:00:00"	9.38	263	17.55	17.1	7.316	262.2	22.25	14.72	64.35	65.2	-0.853	30.8	30.18	26.197	444.61	0		
"2015-04-25	11:00:00"	12.53	269.1	15.56	20.09	9.57	267.4	20.18	17.7	68.82	69.79	-0.966	25.71	25.23	26.233	636.06	0		
"2015-04-25	12:00:00"	16.77	278.1	17.11	35.59	12.93	277.9	20.93	28.43	71.58	72.77	-1.188	22.12	21.5	26.248	799.88	0		
"2015-04-25	13:00:00"	17.8	273.3	15.59	29.03	13.84	272	19.27	24.86	72.91	74.37	-1.459	21.71	21	26.249	906.74	0		
"2015-04-25	14:00:00"	17.21	251.6	15.45	30.22	13.54	251.1	17.98	23.66	75.12	76.41	-1.298	20.27	19.86	26.222	953.43	0		
"2015-04-25	15:00:00"	16.08	238.2	16.26	28.43	12.38	238	18.53	23.07	76.79	78.15	-1.36	18.76	18.37	26.203	942.23	0		
"2015-04-25	16:00:00"	17.1	240.3	17.39	32.01	12.98	239.4	20.51	27.24	77.91	79.33	-1.414	15.97	15.37	26.186	879.21	0		
"2015-04-25	17:00:00"	16.97	246	15.67	29.63	13.24	245.1	18.1	24.86	79.08	80.2	-1.106	13.75	13.08	26.16	755.79	0		
"2015-04-25	18:00:00"	18.32	237.6	11.78	30.22	14.23	237	14.28	24.26	79.17	79.89	-0.726	12.14	11.28	26.14	585.3	0		
"2015-04-25	19:00:00"	18.63	241.4	12	30.82	14.39	240.9	14.15	23.66	79.27	79.63	-0.357	10.28	9.27	26.134	379.14	0		
"2015-04-25	20:00:00"	16.66	241.7	10.87	26.05	12.97	241	13.22	21.28	78.23	78.15	0.08	10.33	9.23	26.126	164.88	0		
"2015-04-25	21:00:00"	10.53	234.5	8.92	20.09	7.183	233.5	11.28	14.72	73.71	72.54	1.168	13.98	13.6	26.121	11.449	0		
"2015-04-25	22:00:00"	6.002	240.8	14.15	12.33	2.86	239.4	20.72	7.561	70	66.04	3.96	17.27	19.06	26.102	0	0		
"2015-04-25	23:00:00"	6.084	248.8	5.614	8.75	2.624	244.7	10.73	4.578	66.78	62.66	4.12	20.55	22.83	26.081	0	0		
"2015-04-26	00:00:00"	4.387	267.4	31.59	6.368	1.855	300.5	60.27	3.386	63.49	58.56	4.935	24.11	27.32	26.055	0	0		
"2015-04-26	01:00:00"	2.635	203.5	45.94	3.982	2.054	99.8	42.64	3.386	61.75	55.58	6.171	25.5	31.74	26.033	0	0		
"2015-04-26	02:00:00"	2.179	177.4	26.64	3.982	1.98	74.76	19.25	3.386	60.15	54.68	5.473	26	31.84	26.02	0	0		
"2015-04-26	03:00:00"	3.456	224.9	23.83	6.368	1.465	39.74	89.3	3.982	58.93	52.9	6.034	27.64	35.8	26.011	0	0		
"2015-04-26	04:00:00"	4.152	263.4	51.6	6.368	2.056	350.3	75.86	3.982	55.98	50.75	5.234	31.36	37.19	26	0	0		
"2015-04-26	05:00:00"	2.595	261.3	19.31	6.368	1.092	3.467	41.26	2.789	55.83	49.99	5.846	31.26	37.86	25.983	0	0		
"2015-04-26	06:00:00"	5.204	180.2	28.86	12.93	1.97	155.3	48.16	6.368	55.93	49.47	6.458	31.17	39.22	25.981	0	0		
"2015-04-26	07:00:00"	5.981	173.5	11.4	8.16	2.181	117.3	25.74	3.982	55.93	48.6	7.331	30.03	38.71	25.977	0.06136	0		
"2015-04-26	08:00:00"	4.548	141	43.74	8.16	2.114	77.57	52.83	4.578	53.84	50.7	3.146	35.63	39.18	25.979	62.192	0		
"2015-04-26	09:00:00"	3.322	231	25.14	6.368	2.376	237.3	26.01	5.175	59.4	60.08	-0.688	32.32	31.58	26.013	227.26	0		
"2015-04-26	10:00:00"	5.476	238.6	15.08	9.35	4.35	237.7	18.45	7.561	63.83	63.89	-0.053	27.54	27.12	26.046	266.15	0		
"2015-04-26	11:00:00"	6.517	261.6	14.36	11.74	5.09	258.8	18.23	9.35	68.33	68.53	-0.194	26.23	26.27	26.058	324.53	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-26	12:00:00"	8.63	250.2	15.1	14.12	6.777	249.5	18.56	11.74	73.48	73.82	-0.337	19.91	20.04	26.068	514.23		0	
"2015-04-26	13:00:00"	10.28	245	20.32	18.89	7.923	245.4	22.64	15.91	75.53	76.19	-0.656	15.84	15.62	26.064	612.79		0	
"2015-04-26	14:00:00"	15.3	245.4	12.62	23.07	12.06	245.4	15.89	20.09	76.63	77.5	-0.868	13.01	12.28	26.052	727.57		0	
"2015-04-26	15:00:00"	14.77	246.9	19.23	33.8	11.28	246.8	20.47	22.47	77.44	78.3	-0.862	12.78	11.99	26.035	580.63		0	
"2015-04-26	16:00:00"	16.55	256.5	46.34	28.43	12.34	258.5	47.17	24.86	74.76	75.22	-0.454	14.45	13.44	26.035	246.71		0	
"2015-04-26	17:00:00"	23.58	292.4	11.11	35.59	18.3	293.7	14.95	29.03	71.97	72.51	-0.539	19.94	18.85	26.018	348.69		0	
"2015-04-26	18:00:00"	19.55	292.6	11.75	31.42	15.12	293.9	15.6	27.84	69	69.33	-0.331	23.01	21.91	26.014	142.83		0	
"2015-04-26	19:00:00"	21.82	269	11.51	37.98	15.99	267	15.5	30.82	67.76	67.81	-0.048	20.88	19.62	25.999	60.389		0	
"2015-04-26	20:00:00"	13.99	280.8	12.64	29.03	10.24	279.5	17.54	21.87	66.17	66.1	0.076	23.15	21.79	25.999	39.325		0	
"2015-04-26	21:00:00"	13.62	287.1	13.02	26.65	10.37	288	17.4	21.28	64.34	64.18	0.162	28.68	27.59	26.024	13.859		0	
"2015-04-26	22:00:00"	11.2	262	12.17	21.28	7.895	258.5	15.96	18.3	60.31	59.85	0.46	36.58	35.87	26.037	0		0	
"2015-04-26	23:00:00"	6.815	249	10.59	13.52	3.819	242.8	16.51	9.35	55.74	54.14	1.607	44.05	43.82	26.026	0		0	
"2015-04-27	00:00:00"	7.625	300	25.6	13.52	5.033	301.3	24.96	9.95	54.77	53.51	1.255	48.28	46.97	26.025	0		0	
"2015-04-27	01:00:00"	7.143	322.2	8.16	9.95	4.308	321.9	10.09	6.964	53.66	52.2	1.455	57.2	55.17	26.024	0		0	
"2015-04-27	02:00:00"	3.312	32.35	60.84	6.964	2.407	102.8	61.63	5.175	51.46	47.66	3.798	61.43	62.24	26.026	0		0	
"2015-04-27	03:00:00"	3.685	195.2	67.31	6.964	2.182	146.5	69.52	3.982	49.71	45.26	4.453	65.18	66.32	26.012	0		0	
"2015-04-27	04:00:00"	4.602	27.96	51.58	10.54	2.751	18.24	56.88	7.561	48.26	45.14	3.116	68.37	67.19	25.998	0		0	
"2015-04-27	05:00:00"	3.082	303.3	70.61	9.35	1.808	237.9	77.86	5.771	45.91	42.94	2.964	72.45	69.87	26	0		0	
"2015-04-27	06:00:00"	4.778	317.6	37.47	8.75	2.572	327.7	52.02	5.175	44.84	41.75	3.087	76.86	73.33	25.988	0		0	
"2015-04-27	07:00:00"	6.926	306	17.08	9.95	3.998	301	31.62	6.964	44.13	42.3	1.838	80.3	75.03	25.989	0.06083		0	
"2015-04-27	08:00:00"	8.49	11.99	21.75	15.31	5.954	13.37	24.45	12.93	45	44.84	0.164	85.5	77.74	26.018	42.697		0	
"2015-04-27	09:00:00"	9.84	27.3	11.99	14.12	6.437	24.53	13.63	12.33	51.46	52.44	-0.981	83.3	75.84	26.061	239.66		0	
"2015-04-27	10:00:00"	9.1	14.04	16.94	15.91	6.575	12.5	18.89	12.93	56.87	58.16	-1.287	66.88	62.43	26.103	422.87		0	
"2015-04-27	11:00:00"	11.57	354.5	19.34	20.09	9.07	353.9	21.55	17.1	57.94	59.23	-1.292	65.37	60.81	26.153	515.78		0	
"2015-04-27	12:00:00"	11.17	356.7	19.45	24.26	8.43	356	20.94	18.89	58.43	59.55	-1.123	65.16	61.38	26.176	376.13		0	
"2015-04-27	13:00:00"	11.82	0.346	18.12	19.49	8.86	0.008	21.05	15.31	57.94	58.83	-0.89	67.22	65.04	26.175	515.59		0	
"2015-04-27	14:00:00"	16.22	350.1	13.69	28.43	12.42	348	16.59	22.47	60.64	61.98	-1.345	51.71	49.53	26.179	510.43		0	
"2015-04-27	15:00:00"	22.01	354.6	15.49	32.61	16.31	352.7	17.38	27.24	59.44	61.13	-1.684	51.81	48.34	26.201	602.88		0	
"2015-04-27	16:00:00"	22.04	355.7	15.72	33.21	16.37	353	17.53	27.24	57.19	58.94	-1.749	54.94	50.37	26.218	562.54		0	
"2015-04-27	17:00:00"	22.94	345.9	14.98	33.21	17.9	344.1	17.71	27.84	56.24	57.85	-1.608	53.87	49.35	26.223	540.14		0	
"2015-04-27	18:00:00"	24.02	347.3	14.23	33.8	18.35	345.6	16	30.22	52.15	53.44	-1.287	60.04	54.28	26.239	314.98		0	
"2015-04-27	19:00:00"	24.22	350.9	14.61	37.38	17.89	348.8	16.62	28.43	48.74	49.69	-0.949	63.21	57.02	26.242	187.02		0	
"2015-04-27	20:00:00"	24.68	356.7	16.14	37.38	18.04	354.3	17.08	29.03	46.48	47.11	-0.633	66.84	60.24	26.254	69.015	0.01		
"2015-04-27	21:00:00"	22.17	358.8	14.23	39.77	15.9	356.2	18.39	31.42	44.16	44.62	-0.458	73.12	65.62	26.27	6.7474		0	
"2015-04-27	22:00:00"	20.77	359.5	15.27	33.8	14.74	356.7	17.39	26.05	43.25	43.58	-0.331	74.91	67.35	26.291	0		0	
"2015-04-27	23:00:00"	19.13	354.7	14.68	28.43	13.71	352.6	17.02	26.05	43.07	43.22	-0.155	77.24	69.68	26.307	0		0	
"2015-04-28	00:00:00"	18.23	352.5	14.12	30.22	13.24	350.3	15.54	25.45	43.78	44.02	-0.237	76.36	68.96	26.328	0		0	
"2015-04-28	01:00:00"	17.62	2.961	12.96	30.82	12.61	1.642	16.29	26.05	44.22	44.49	-0.276	75.33	68.04	26.344	0		0	
"2015-04-28	02:00:00"	16.81	358.6	15.07	26.65	12.09	356.4	15.88	20.68	44.16	44.46	-0.293	76.23	68.77	26.351	0		0	
"2015-04-28	03:00:00"	17.28	356.4	14.69	27.84	12.55	353.7	17.04	20.09	44.24	44.51	-0.27	76.55	69.13	26.343	0		0	
"2015-04-28	04:00:00"	18.25	356.1	14.16	29.03	13.22	354.2	16.86	23.66	43.31	43.65	-0.337	82.3	73.9	26.338	0		0	
"2015-04-28	05:00:00"	17.8	5.653	11.82	28.43	13.06	4.087	16.31	22.47	43.92	44.14	-0.214	78.37	70.83	26.341	0		0	
"2015-04-28	06:00:00"	16.26	3.607	12.45	23.66	11.72	1.843	15.84	21.28	44.33	44.54	-0.208	77.21	69.89	26.356	0		0	
"2015-04-28	07:00:00"	13.56	6.476	12.16	26.05	9.7	5.431	15.38	21.28	44.41	44.62	-0.21	76.76	69.5	26.377	0		0	
"2015-04-28	08:00:00"	12.29	358.5	13.78	20.68	9.02	355.4	14.43	17.1	45.08	45.26	-0.176	75.13	68.27	26.402	6.9055		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-28	09:00:00"	15.53	2.735	13.97	24.86	11.25	0.598	16.18	18.3	45.66	45.91	-0.245	73.91	67.18	26.42	33.86		0	
"2015-04-28	10:00:00"	15.94	0.804	14.55	26.65	11.76	358.3	17.3	21.87	47.67	48.53	-0.861	69.22	62.84	26.435	347.9		0	
"2015-04-28	11:00:00"	17.11	13.24	14.98	30.22	12.03	12.54	18.27	23.07	51.59	52.74	-1.159	58	53.33	26.455	574.59		0	
"2015-04-28	12:00:00"	19.46	27.99	14.56	30.22	12.4	26.03	16.21	23.66	54.58	55.81	-1.236	49.44	46.22	26.47	792.85		0	
"2015-04-28	13:00:00"	17.4	23.16	15.83	28.43	11.45	21.25	17.29	23.07	57.1	58.68	-1.574	43.58	41.21	26.482	821.27		0	
"2015-04-28	14:00:00"	16.61	29.55	13.77	27.24	10.32	27.57	15.96	22.47	58.62	60.08	-1.456	38.59	37.13	26.479	803.57		0	
"2015-04-28	15:00:00"	16.65	31.42	18.47	29.03	10.62	28.56	19.62	23.66	59.95	61.71	-1.764	38.11	36.48	26.476	831.75		0	
"2015-04-28	16:00:00"	14.76	22.71	14.64	24.86	9.82	20.75	17.15	20.09	60.5	61.98	-1.478	38.02	36.7	26.474	647.03		0	
"2015-04-28	17:00:00"	14.14	28.34	17	23.66	9.12	25.59	18.65	19.49	60.81	62.13	-1.328	36.76	35.51	26.456	558.92		0	
"2015-04-28	18:00:00"	13.79	22.53	17.2	24.86	9.36	19.17	19.37	18.89	61.84	62.93	-1.084	33.92	32.85	26.441	529.79		0	
"2015-04-28	19:00:00"	14.58	45.68	25.27	24.26	9.4	41.19	27.2	20.09	61.57	62.73	-1.167	35.82	34.42	26.444	357.99		0	
"2015-04-28	20:00:00"	11.9	68	19.27	20.09	7.145	64.43	25.02	14.72	59.44	59.77	-0.331	40.8	39.6	26.438	116.42		0	
"2015-04-28	21:00:00"	8.06	83.7	7.82	17.7	4.26	83.1	17.77	12.33	55.96	54.95	1.006	48.79	47.7	26.435	13.386		0	
"2015-04-28	22:00:00"	6.571	83.5	4.061	8.16	2.499	75.51	13.34	4.578	53.03	50.14	2.89	54.6	55.15	26.415	0		0	
"2015-04-28	23:00:00"	2.477	56.3	17.58	6.368	1.384	25.71	73.5	2.789	51.34	47.8	3.538	58.04	58.45	26.413	0		0	
"2015-04-29	00:00:00"	5.477	78.17	10.68	8.16	2.291	73.33	24.42	4.578	49.31	45.25	4.059	61.86	62.81	26.412	0		0	
"2015-04-29	01:00:00"	4.023	140.9	15.37	6.964	1.387	115.2	31.79	3.386	46.72	43.72	3.001	68.6	67.39	26.406	0		0	
"2015-04-29	02:00:00"	2.065	267.2	55.97	3.982	1.24	323.5	46.6	2.193	45.16	42.1	3.064	72.51	69.46	26.393	0		0	
"2015-04-29	03:00:00"	5.074	296.2	13.93	6.964	1.878	309.5	11.78	3.386	46	41.5	4.504	70.43	70.55	26.372	0		0	
"2015-04-29	04:00:00"	6.589	312.1	5.495	8.16	2.694	298.3	17.55	4.578	43.56	39.84	3.712	73.47	71.45	26.36	0		0	
"2015-04-29	05:00:00"	7.423	320.1	4.466	8.75	3.818	317.7	9.99	6.368	43.13	40.52	2.615	74.51	71.43	26.354	0		0	
"2015-04-29	06:00:00"	7.619	316.1	6.499	11.14	4.596	316.3	7.584	7.561	43.14	41.92	1.222	74.76	70.01	26.353	0		0	
"2015-04-29	07:00:00"	7.117	314.1	8.43	12.93	4.492	313	10.38	10.54	43.13	42.18	0.953	74.74	69.51	26.358	0.14898		0	
"2015-04-29	08:00:00"	8.5	319.6	7.801	11.74	6.088	322.5	9.43	9.95	44.89	44.24	0.646	71.45	66.49	26.365	50.778		0	
"2015-04-29	09:00:00"	9.04	308.3	10.92	12.93	6.731	308.9	14.11	10.54	49.45	50.19	-0.742	63.04	57.97	26.389	249.69		0	
"2015-04-29	10:00:00"	9.3	298.7	13.92	15.31	7.309	299.8	18.51	12.93	55.71	56.68	-0.973	51.29	48.34	26.42	462.91		0	
"2015-04-29	11:00:00"	5.489	307.8	51.92	11.74	4.389	305.4	56.32	9.95	61.58	62.02	-0.437	37.43	37.72	26.446	650.82		0	
"2015-04-29	12:00:00"	5.067	236.9	53.42	18.3	4.22	239.3	52.77	13.52	64.95	65.22	-0.268	31.94	32.12	26.466	812.42		0	
"2015-04-29	13:00:00"	4.563	344.6	55.32	11.14	3.677	343.8	51.61	9.95	68.47	68.97	-0.509	27.36	28.51	26.466	914.02		0	
"2015-04-29	14:00:00"	5.99	271.4	44.5	11.14	4.949	270.4	46.31	10.54	70.2	70.5	-0.297	23.25	23.68	26.446	964.75		0	
"2015-04-29	15:00:00"	5.406	245.5	67.29	13.52	4.389	245.8	69.55	11.74	72.62	72.87	-0.244	18.8	19.05	26.426	960.28		0	
"2015-04-29	16:00:00"	4.994	326.7	80.3	11.74	3.864	319.2	77.1	11.14	75.17	75.16	0.007	15.2	15.79	26.412	893.06		0	
"2015-04-29	17:00:00"	6.808	225.4	49.4	20.09	5.201	229.9	50.11	21.28	74.39	75.21	-0.822	15.56	14.97	26.392	769.4		0	
"2015-04-29	18:00:00"	6.589	226.4	41.81	12.93	4.944	228.5	46.63	11.14	74.5	75.12	-0.626	14.24	13.53	26.377	598.22		0	
"2015-04-29	19:00:00"	6.713	203.5	32.52	11.74	4.809	205.1	35.51	9.95	73.8	74.4	-0.595	14.9	14.09	26.367	390.03		0	
"2015-04-29	20:00:00"	6.269	213.3	33.52	11.74	4.303	214.8	35.33	8.75	72.72	72.82	-0.098	16.09	15.47	26.355	174.26		0	
"2015-04-29	21:00:00"	6.459	166.7	8.42	9.95	2.36	156.6	16.99	5.175	66.84	63.62	3.219	22.6	25.02	26.336	14.405		0	
"2015-04-29	22:00:00"	7.48	165.8	6.547	8.75	2.633	146.4	12.37	3.982	61.07	55.96	5.106	26.39	31.12	26.3	0		0	
"2015-04-29	23:00:00"	7.808	165.1	7.621	9.95	2.742	153.6	17.31	5.175	57.86	53.36	4.498	29.51	33.25	26.279	0		0	
"2015-04-30	00:00:00"	5.411	196.7	27.25	8.75	1.964	161.3	34.53	3.982	55.27	51.02	4.257	33.83	37.59	26.271	0		0	
"2015-04-30	01:00:00"	3.632	178.9	25.44	5.771	1.469	112.5	42.91	3.386	54.01	49.58	4.427	34.72	39.44	26.255	0		0	
"2015-04-30	02:00:00"	4.01	213.3	18.81	5.771	1.222	248.2	52.7	2.789	52.88	48.86	4.02	35.93	39.29	26.244	0		0	
"2015-04-30	03:00:00"	1.813	209	32.98	3.386	1.269	63.67	41.79	2.789	51.21	47.36	3.855	38.73	41.78	26.228	0		0	
"2015-04-30	04:00:00"	2.141	248.1	23.34	3.982	1.161	335	43.91	2.789	51.03	46.22	4.803	38.59	43.48	26.21	0		0	
"2015-04-30	05:00:00"	2.541	226.2	20	3.982	1.043	56.73	56.79	2.789	50.42	44.75	5.665	38.87	45.81	26.195	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-04-30	06:00:00"	2.525	203.3	22.37	3.982	1.228	67.28	48.72	2.789	49.14	44.47	4.672	40.8	46.35	26.187	0	0		
"2015-04-30	07:00:00"	1.633	220.5	16.04	3.386	1.1	60.3	31.18	2.193	47.33	43.12	4.204	43.48	48.3	26.188	0.18699	0		
"2015-04-30	08:00:00"	1.675	217.8	49.61	2.789	1.298	17.42	65.66	2.789	48.37	45.09	3.289	41.92	47.39	26.198	55.897	0		
"2015-04-30	09:00:00"	5.091	241.4	22.35	11.74	3.805	241.1	22.12	9.35	53.99	54.95	-0.959	37.76	36.16	26.236	256.9	0		
"2015-04-30	10:00:00"	11.04	207.3	10.36	16.51	7.476	211.5	14.76	12.93	63.37	64.62	-1.246	30.58	29.48	26.29	465.42	0		
"2015-04-30	11:00:00"	14.38	196.8	12.65	20.68	9.36	200.8	17.9	14.72	68.74	70.26	-1.517	23.75	22.81	26.336	650.86	0		
"2015-04-30	12:00:00"	13.28	194.8	13.84	19.49	8.91	200.5	18.84	15.91	72.27	74.12	-1.856	20.83	19.95	26.364	813.13	0		
"2015-04-30	13:00:00"	13.24	177.4	18.44	21.87	8.55	182	24.8	18.89	74.95	77.27	-2.321	18.7	17.78	26.376	916.46	0		
"2015-04-30	14:00:00"	12.04	166.5	20.19	22.47	7.855	170.3	27.08	16.51	77.04	79.28	-2.233	17.5	16.65	26.374	959.46	0		
"2015-04-30	15:00:00"	9.75	182.5	26.27	18.89	6.664	187.8	32.04	13.52	78.87	80.7	-1.852	15.75	14.98	26.363	950.5	0		
"2015-04-30	16:00:00"	10.37	159.2	27.24	18.3	6.804	162.4	35.54	14.12	79.69	81.8	-2.137	15.37	14.54	26.351	884.23	0		
"2015-04-30	17:00:00"	8.88	171	36.26	17.7	6.043	175.7	45.9	14.12	80.1	81.7	-1.645	14.3	13.56	26.335	760.56	0		
"2015-04-30	18:00:00"	8.91	179.9	26.84	16.51	6.027	187.2	31.5	12.93	80.3	81.3	-1.053	13.89	13.27	26.325	587.82	0		
"2015-04-30	19:00:00"	8.22	179.4	29.63	18.3	5.48	182.9	34.91	12.93	79.18	80.1	-0.963	13.99	13.39	26.323	382.32	0		
"2015-04-30	20:00:00"	7.923	159.9	15.5	12.33	4.606	162.9	23.96	8.75	78.1	78.39	-0.29	14.71	14.42	26.315	170.93	0		
"2015-04-30	21:00:00"	8.33	142.9	6.865	10.54	3.25	135.7	14.93	5.771	72.23	69.23	3.006	19.8	22.37	26.299	13.394	0		
"2015-04-30	22:00:00"	9.06	132.9	6.233	11.14	3.683	123.6	12.57	5.771	66.95	63.24	3.713	24.87	28.52	26.267	0	0		
"2015-04-30	23:00:00"	10.09	134.1	6.54	12.93	4.788	131.7	15.29	8.16	64.83	62.69	2.143	25.28	26.61	26.259	0	0		
"2015-05-01	00:00:00"	8.52	140	6.526	11.14	3.642	135.8	14.62	6.368	62.31	59.8	2.512	26.66	28.12	26.266	0	0		
"2015-05-01	01:00:00"	8.46	144.2	5.709	10.54	3.365	136.5	13.77	5.771	59.47	56.51	2.96	28.73	30.6	26.259	0	0		
"2015-05-01	02:00:00"	9.58	160.9	8.32	13.52	4.506	161.4	18.55	8.16	58.31	56.31	1.999	32.49	33.13	26.248	0	0		
"2015-05-01	03:00:00"	7.839	176.2	8.01	12.93	3.407	181.5	16.81	7.561	57.03	55.21	1.826	37.48	38.22	26.242	0	0		
"2015-05-01	04:00:00"	5.441	172.7	15.78	8.16	1.725	170.9	35.44	3.982	53.95	51.05	2.904	44.26	45.68	26.227	0	0		
"2015-05-01	05:00:00"	3.952	176.3	18.32	6.368	1.181	177.3	49.02	2.193	52.79	50.04	2.747	48.54	49.38	26.219	0	0		
"2015-05-01	06:00:00"	2.724	181.8	29.2	5.771	1.168	54.47	96.4	2.789	52.54	49.8	2.74	50.2	50.92	26.223	0	0		
"2015-05-01	07:00:00"	3.331	142.3	34.34	8.16	1.381	93.8	74.44	3.982	51.75	49.81	1.937	52	51.4	26.228	0.20989	0		
"2015-05-01	08:00:00"	7.792	156.1	10.63	11.74	3.543	159.5	21.79	6.964	53.25	51.69	1.558	51.81	51.31	26.239	52.569	0		
"2015-05-01	09:00:00"	8.92	176.8	11.09	18.3	5.466	182.8	19.31	12.93	58.58	59.52	-0.945	46.96	44.29	26.283	247.73	0		
"2015-05-01	10:00:00"	13.15	177.4	10.91	18.89	8.15	182.6	19.07	13.52	65.46	66.83	-1.372	37.06	36.22	26.33	454.29	0		
"2015-05-01	11:00:00"	11.75	171.3	14.26	18.3	7.414	175.6	21.64	13.52	71.12	72.77	-1.65	30.95	30.55	26.373	640.48	0		
"2015-05-01	12:00:00"	12.76	166.7	14.5	19.49	8	171.2	22.1	14.72	76.01	78.11	-2.097	25.11	24.85	26.417	802.7	0		
"2015-05-01	13:00:00"	15.07	164	15.41	26.65	9.32	168.2	22.88	17.7	80.2	82.5	-2.276	17.81	17.38	26.436	907.29	0		
"2015-05-01	14:00:00"	16.8	154.5	15.73	26.65	10.42	157.9	22.8	20.09	81.8	84.2	-2.429	15.16	14.49	26.437	953.27	0		
"2015-05-01	15:00:00"	15.22	162.9	19.88	24.26	9.58	166	26.94	18.89	82.4	84.9	-2.435	14.96	14.19	26.431	944	0		
"2015-05-01	16:00:00"	13.95	157.1	20.16	23.66	8.7	160.9	27.53	17.7	83.1	85.5	-2.404	15.14	14.4	26.418	876.6	0		
"2015-05-01	17:00:00"	12.74	165.6	25.07	23.66	8.23	169	32.27	18.89	83.6	85.6	-1.996	15.09	14.52	26.401	751.51	0		
"2015-05-01	18:00:00"	13.52	154.3	18.77	22.47	8.44	158.1	25.44	17.1	83	84.7	-1.634	15.13	14.62	26.389	580.51	0		
"2015-05-01	19:00:00"	13.22	149.5	16.37	20.68	7.901	153.5	23.88	16.51	82	83.2	-1.248	16.31	16.01	26.38	377.28	0		
"2015-05-01	20:00:00"	12.44	147.8	12.13	18.89	7.307	149.9	20.02	14.12	80.5	80.7	-0.233	18.08	18.16	26.371	169.59	0		
"2015-05-01	21:00:00"	10.33	140.1	8.39	18.3	5.293	139	17.54	12.93	75.34	73.92	1.423	23.08	24.49	26.362	14.777	0		
"2015-05-01	22:00:00"	8.79	129	4.889	11.74	3.817	121.8	12.79	6.368	69.19	66.3	2.89	29.59	33.22	26.346	0	0		
"2015-05-01	23:00:00"	10.07	135.2	7.544	14.12	5.014	133.1	15.9	8.75	66.39	64.54	1.848	30.89	32.73	26.339	0	0		
"2015-05-02	00:00:00"	9.25	144.2	7.591	14.12	4.364	142.5	14.82	9.35	64.43	62.65	1.782	31.75	33.11	26.34	0	0		
"2015-05-02	01:00:00"	7.569	153.3	5.911	10.54	2.535	142.7	12.86	4.578	59.99	56.51	3.476	37.11	40.65	26.327	0	0		
"2015-05-02	02:00:00"	8.34	158.3	6.565	11.14	3.469	155.3	16.47	6.368	59.38	56.79	2.588	38.93	41.41	26.312	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-02	03:00:00"	7.268	158.8	6.341	11.14	2.833	153.3	15.64	6.368	58.95	56.31	2.645	41.91	44.19	26.306	0	0		
"2015-05-02	04:00:00"	5.272	160.7	13.19	8.16	1.481	136	36.88	3.982	55.94	52.92	3.016	48.38	50.33	26.285	0	0		
"2015-05-02	05:00:00"	5.414	158.7	13.23	7.561	1.541	145.9	30.85	2.789	55.05	52.01	3.048	52.21	53.9	26.269	0	0		
"2015-05-02	06:00:00"	5.38	169.8	13.48	8.16	1.699	173.2	34.32	3.386	54.22	51.24	2.974	56.25	57.65	26.26	0	0		
"2015-05-02	07:00:00"	4.922	166.4	15.03	7.561	1.473	155.4	43.08	3.982	54	50.87	3.131	57.83	59.52	26.265	0.11166	0		
"2015-05-02	08:00:00"	8.02	163.4	8.13	13.52	3.869	165.4	18.16	9.35	55.78	54.49	1.292	58.53	57.53	26.285	53.477	0		
"2015-05-02	09:00:00"	12.49	165.5	8.81	19.49	7.3	169.3	18.35	13.52	60.02	60.41	-0.394	54.34	51.79	26.319	178.47	0		
"2015-05-02	10:00:00"	17.59	171.8	9.51	26.05	10.36	175.7	18.3	18.3	64.78	65.93	-1.149	50.51	48.22	26.347	416.47	0		
"2015-05-02	11:00:00"	17.21	167.3	11.05	25.45	10.27	170.6	19.81	17.7	68.57	70.34	-1.775	44.64	42.96	26.38	623.49	0		
"2015-05-02	12:00:00"	17.06	168.8	13.14	26.05	10.47	172.7	20.84	18.3	72.15	74.37	-2.222	38.48	37.66	26.403	804.61	0		
"2015-05-02	13:00:00"	16.39	168.9	12.36	26.05	10.01	174	20.64	18.3	75.78	78.21	-2.433	33.38	32.87	26.41	901.47	0		
"2015-05-02	14:00:00"	17.31	165.7	13.24	28.43	10.73	169.4	21.34	20.09	78.24	80.8	-2.607	29.32	28.79	26.394	947.46	0		
"2015-05-02	15:00:00"	17.02	166	15.38	27.84	10.55	170.7	22.24	18.89	81.2	83.8	-2.633	24.93	24.47	26.373	939.09	0		
"2015-05-02	16:00:00"	14.75	170.6	12.7	24.26	9.22	175	20.41	17.7	83.4	85.8	-2.401	21.62	21.29	26.353	871.46	0		
"2015-05-02	17:00:00"	13.99	179.3	19.75	21.87	8.92	183.5	24.86	15.91	84.7	86.8	-2.083	19.72	19.58	26.329	742.91	0		
"2015-05-02	18:00:00"	14.42	170.4	14.44	23.66	8.78	175.1	21.82	17.1	85.1	86.8	-1.698	19.12	19.13	26.309	583.39	0		
"2015-05-02	19:00:00"	14.82	164.4	13.15	23.07	8.76	167.8	21.53	15.91	84.4	85.6	-1.189	18.94	19.17	26.298	378.61	0		
"2015-05-02	20:00:00"	14.7	160.4	8.9	23.07	8.54	163.5	18.02	16.51	82.6	82.8	-0.224	21.33	21.98	26.285	170.99	0		
"2015-05-02	21:00:00"	10.39	154.8	7.787	16.51	5.361	156.1	18.02	11.14	77.35	76.09	1.26	27.51	29.57	26.275	15.654	0		
"2015-05-02	22:00:00"	8.91	138.4	6.221	11.14	4.074	134.4	15.07	6.368	70.33	68.16	2.178	36.35	39.46	26.258	0	0		
"2015-05-02	23:00:00"	9.35	144.9	7.468	13.52	4.445	143.4	15.95	8.75	67.92	66.16	1.764	41.49	43.85	26.252	0	0		
"2015-05-03	00:00:00"	9.3	154.9	8.5	15.31	4.577	154.6	18.29	9.35	65.45	63.76	1.689	48.11	49.55	26.256	0	0		
"2015-05-03	01:00:00"	12.93	168.2	8.61	20.09	7.053	171.8	18.31	14.12	65.69	64.7	0.995	47.68	48.34	26.25	0	0		
"2015-05-03	02:00:00"	10.77	170.2	8.11	17.1	5.756	173.3	17.43	14.12	63.38	62.37	1.008	51.53	51.45	26.247	0	0		
"2015-05-03	03:00:00"	9.75	167.6	8.41	14.72	5.028	170.4	18.21	9.95	61.44	60.3	1.141	55.65	55.22	26.226	0	0		
"2015-05-03	04:00:00"	8.22	180	11.93	12.33	4.183	184.7	19.45	8.16	59.73	58.57	1.166	58.66	57.87	26.212	0	0		
"2015-05-03	05:00:00"	8.15	190.2	9.79	12.93	4.302	193.6	16.55	8.16	58.79	57.7	1.089	60.54	59.38	26.212	0	0		
"2015-05-03	06:00:00"	5.462	149.9	17.86	10.54	2.474	141.6	29.72	6.964	57.29	56.1	1.186	63.92	62.42	26.194	0	0		
"2015-05-03	07:00:00"	5.853	118.5	27.06	10.54	3.024	109.1	30.4	6.368	56.29	54.94	1.354	66.71	65.08	26.185	0.17664	0		
"2015-05-03	08:00:00"	6.233	70.61	42.11	11.14	3.383	64.32	49.67	8.16	55.9	54.97	0.929	68.13	65.67	26.209	19.609	0		
"2015-05-03	09:00:00"	4.777	37.45	45.14	9.95	3.106	36.67	47.4	7.561	58.19	58.51	-0.322	64.79	61.64	26.235	179.02	0		
"2015-05-03	10:00:00"	7.478	174.9	19.13	12.33	4.814	180.6	28.12	10.54	63.12	64.38	-1.263	59.53	55.75	26.254	348.06	0		
"2015-05-03	11:00:00"	9.57	178.4	17.05	14.72	6.465	183.8	23.81	11.74	68.71	70.47	-1.753	51.44	48.75	26.284	678.26	0		
"2015-05-03	12:00:00"	9.07	173.4	19.77	14.72	6.2	180.2	27.25	12.33	74.2	75.95	-1.752	43.67	42.89	26.318	799.54	0		
"2015-05-03	13:00:00"	7.702	168	24.71	14.12	5.354	174.8	32.08	11.74	78.72	80.3	-1.586	36.83	37.19	26.333	900.44	0		
"2015-05-03	14:00:00"	9.33	171.9	21.26	15.91	6.301	176.6	28.4	12.93	82.8	84.7	-1.904	30.33	30.66	26.331	943.87	0		
"2015-05-03	15:00:00"	10.39	163.2	24.74	24.26	7.031	167.6	33.17	17.7	85.8	87.8	-1.968	25.23	25.59	26.319	915.49	0		
"2015-05-03	16:00:00"	11.47	155.5	24.61	24.26	7.528	158.3	32.95	16.51	86.7	88.8	-2.097	23	23.29	26.305	830.04	0		
"2015-05-03	17:00:00"	11.72	169.6	21.98	25.45	7.441	173.7	29	17.1	87.2	89.2	-1.998	20.29	20.52	26.283	659.42	0		
"2015-05-03	18:00:00"	13.59	185	15.92	21.87	8.24	189.3	21.34	16.51	83.6	84.1	-0.507	27.46	28.69	26.268	134.02	0		
"2015-05-03	19:00:00"	10.61	172.8	11.62	17.7	6.24	177.1	19.12	13.52	82.3	82.4	-0.031	28.38	30.1	26.255	86.203	0		
"2015-05-03	20:00:00"	10.97	222.8	57.44	32.61	7.301	224.4	59.23	24.26	76.67	76.12	0.545	37.84	41.39	26.276	10.513	0.04		
"2015-05-03	21:00:00"	17.68	191.8	24.38	33.8	10.47	193.2	28.32	24.86	65.74	64.18	1.559	64.12	68.48	26.263	2.4078	0.06		
"2015-05-03	22:00:00"	14.61	145.5	11.23	27.24	7.911	146.9	18.16	18.3	65.2	63.31	1.893	60.95	65.69	26.237	0	0.01		
"2015-05-03	23:00:00"	12.42	136.2	11.89	21.87	6.881	136.5	18.99	15.31	65.26	63.98	1.284	63.65	65.65	26.226	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-04	00:00:00"	11.82	150	9.76	17.1	6.462	152.1	17.85	12.93	64.52	63.69	0.833	76.03	74.75	26.224	0	0		
"2015-05-04	01:00:00"	10.19	172.9	14.9	18.89	5.427	175.8	22.92	11.14	63.58	62.66	0.922	78.74	77.25	26.22	0	0		
"2015-05-04	02:00:00"	6.127	169.7	25.42	10.54	2.735	165.2	38.35	6.368	62.57	61.04	1.526	80.9	80.4	26.227	0	0		
"2015-05-04	03:00:00"	6.225	101.7	46.5	8.75	2.848	92.1	49.81	6.368	60.87	59.31	1.556	84.1	83.3	26.217	0	0		
"2015-05-04	04:00:00"	7.257	60.98	17.5	11.14	3.738	58.14	21.4	8.16	59.92	58.9	1.017	86	83.7	26.209	0	0		
"2015-05-04	05:00:00"	6.828	60.09	11.17	11.14	3.37	58.14	18.7	6.964	59.38	57.99	1.383	85.7	84.1	26.195	0	0		
"2015-05-04	06:00:00"	9.42	74.35	7.217	13.52	5.183	67.87	17.59	9.95	58.35	57.43	0.922	87.8	85.2	26.179	0	0		
"2015-05-04	07:00:00"	6.726	114.9	55.96	13.52	3.612	110.9	61.39	8.75	59.04	58.22	0.823	87.9	84.8	26.202	0.24271	0		
"2015-05-04	08:00:00"	5.139	91	25.57	8.75	2.524	70.6	34.5	5.771	58.8	57.68	1.115	88.8	87	26.235	35.773	0		
"2015-05-04	09:00:00"	7.272	110.7	20.3	13.52	4.613	109.9	27.48	9.95	61.38	61.34	0.031	86.5	83	26.268	89.152	0		
"2015-05-04	10:00:00"	7.708	174.2	21.38	11.74	4.925	177.6	27.67	8.75	65.42	65.89	-0.47	80.3	76.71	26.306	215.41	0		
"2015-05-04	11:00:00"	9.37	145	17.4	20.09	5.778	147.4	25.48	14.72	68.11	68.9	-0.791	75.06	71.86	26.321	375.87	0		
"2015-05-04	12:00:00"	14.05	142.5	13.8	21.28	8.63	145.8	21.59	15.31	71.26	73.07	-1.81	66.73	63.85	26.338	640.2	0		
"2015-05-04	13:00:00"	15.01	147.7	14.8	26.65	9.17	151.1	21.83	20.09	73.72	75.45	-1.731	59.82	58.18	26.349	588.59	0		
"2015-05-04	14:00:00"	14.66	148.7	12.84	23.07	8.85	151.5	21.26	17.7	75.32	76.85	-1.521	54.41	53.83	26.337	457.49	0		
"2015-05-04	15:00:00"	18.22	147.9	10.76	27.84	10.81	151.1	18.47	20.09	75.18	75.95	-0.771	52.07	52.77	26.306	275.82	0		
"2015-05-04	16:00:00"	20.25	150.7	11.22	30.82	11.89	153.4	18.97	21.87	76.36	77.06	-0.699	48.71	50.68	26.272	480.64	0		
"2015-05-04	17:00:00"	21.15	157.1	11.52	31.42	12.4	160.8	19.42	23.66	78.5	80.4	-1.869	44.72	45.07	26.249	719.75	0		
"2015-05-04	18:00:00"	22.01	158.8	11.69	32.01	12.72	161.6	19.62	23.07	76.77	77.51	-0.746	48.17	48.96	26.241	231.4	0		
"2015-05-04	19:00:00"	19.69	156.2	10.66	33.21	11.42	159.7	18.98	23.07	73.84	74.05	-0.205	56.3	56.41	26.219	90.258	0		
"2015-05-04	20:00:00"	17.32	151.2	8.49	27.24	9.85	154.1	18.11	22.47	71.89	71.77	0.119	61.42	61.16	26.205	22.343	0		
"2015-05-04	21:00:00"	14.01	167.2	13.46	23.66	7.917	171.1	21.48	16.51	69.81	69.25	0.564	69.64	69.87	26.222	1.1653	0.02		
"2015-05-04	22:00:00"	8.92	186.6	16.03	15.91	4.763	186.9	25.34	9.35	66.15	65.14	1.013	83.3	83.8	26.21	0	0.06		
"2015-05-04	23:00:00"	4.521	262.7	47.19	11.74	2.999	270.1	49.21	8.16	66.15	65.35	0.802	84.4	84.1	26.219	0	0		
"2015-05-05	00:00:00"	8.81	122.6	28.14	15.91	5.375	117	39.71	12.93	64.13	63.69	0.439	87.4	85.1	26.208	0	0		
"2015-05-05	01:00:00"	5.948	57.14	21.36	9.35	3.277	53.69	24.69	6.368	62.15	61.98	0.173	91.7	88.7	26.205	0	0		
"2015-05-05	02:00:00"	8.58	66.9	18	14.72	5.039	66.37	25.66	11.74	62.27	62.22	0.048	91.4	87.9	26.188	0	0		
"2015-05-05	03:00:00"	8.55	96.7	18.05	16.51	5.407	96.7	24.23	12.33	61.54	61.58	-0.046	94.8	90.5	26.149	0	0.02		
"2015-05-05	04:00:00"	14.64	137.7	10.31	23.66	8.69	140.1	17.84	18.3	62.71	62.68	0.029	93.9	90.7	26.141	0	0.04		
"2015-05-05	05:00:00"	14.96	158.5	12.22	23.66	8.68	161.5	20.48	17.7	62.81	62.72	0.089	93.4	90.7	26.135	0	0		
"2015-05-05	06:00:00"	10.77	348.4	40.21	24.26	7.812	346.9	39.61	19.49	57.79	57.92	-0.125	89	85.1	26.163	0	0.05		
"2015-05-05	07:00:00"	7.968	54.29	61.88	16.51	5.222	52.1	64.67	14.12	55.15	55.2	-0.045	94.8	89.6	26.144	0.00075	0.61		
"2015-05-05	08:00:00"	5.445	73.9	22.4	9.35	3.336	70.71	27.35	7.561	55.31	55.28	0.03	96.5	91.4	26.142	4.8022	0.02		
"2015-05-05	09:00:00"	5.757	63.23	25.36	10.54	3.674	62.01	29.78	8.16	56.33	56.53	-0.204	94.4	90.6	26.166	114.22	0		
"2015-05-05	10:00:00"	5.767	43.87	21.95	11.14	3.712	40.26	26.49	10.54	59.37	60.38	-1.011	86	81.5	26.191	376.64	0		
"2015-05-05	11:00:00"	4.98	15.33	43.7	11.14	3.465	12.09	40.72	8.16	63.03	64.28	-1.252	77.26	74.53	26.218	637.99	0		
"2015-05-05	12:00:00"	3.761	315.2	81.4	8.16	3.006	317.6	79.33	6.964	69.05	69.61	-0.554	60.15	61.2	26.24	781.74	0		
"2015-05-05	13:00:00"	9.25	221	19.09	19.49	6.654	222.3	22.51	13.52	70.19	71.56	-1.372	57.13	57.05	26.257	897.74	0		
"2015-05-05	14:00:00"	12.19	229.2	16.79	20.68	9.01	230	19.11	17.1	71.91	73.22	-1.309	55.24	56.27	26.252	908.43	0		
"2015-05-05	15:00:00"	13.81	230.1	17.84	20.68	10.12	230.5	20.01	17.1	74.4	75.5	-1.095	47.78	50.37	26.236	905.36	0		
"2015-05-05	16:00:00"	14.18	221.5	14.42	22.47	10.04	221.9	16.57	18.89	76.23	77.36	-1.132	38.61	42	26.219	883.3	0		
"2015-05-05	17:00:00"	16.61	228.7	12.09	30.22	12.07	228.9	14.45	24.26	77.79	78.56	-0.769	24.69	28.07	26.209	758.28	0		
"2015-05-05	18:00:00"	19.1	238.1	11.51	27.84	14.74	237.7	13.83	24.86	78.22	78.46	-0.241	20.18	22.65	26.201	611.09	0		
"2015-05-05	19:00:00"	17.31	239.1	10.58	26.05	13.24	238.9	13.48	23.07	77.34	77.39	-0.045	20.68	22.89	26.199	352.98	0		
"2015-05-05	20:00:00"	14.22	242.5	9.87	23.66	11.05	241	12.38	20.09	76.65	76.17	0.475	22.82	25.31	26.193	172.98	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-05	21:00:00"	7.759	248.1	7.444	15.31	5.168	243.5	11.47	11.74	72.31	70.9	1.402	30.93	35.54	26.192	17.642		0	
"2015-05-05	22:00:00"	4.924	211.9	16.17	6.964	2.546	170.2	22.99	3.982	68.5	64.22	4.285	37.89	49.93	26.179		0	0	
"2015-05-05	23:00:00"	3.287	234.5	17.27	6.368	1.309	130.9	76.46	2.789	67.08	61.57	5.506	39.05	54.7	26.17		0	0	
"2015-05-06	00:00:00"	1.333	251.4	32.74	6.368	1.707	82.4	20.46	4.578	66.09	61.23	4.869	38.06	56.2	26.167		0	0	
"2015-05-06	01:00:00"	9.86	162.1	10.39	14.72	4.505	163	19.59	9.35	61.73	58.95	2.781	65.16	69.59	26.175		0	0	
"2015-05-06	02:00:00"	9	169.6	9.7	14.12	4.758	174.2	18.14	8.75	61.17	60.3	0.872	86.1	83.1	26.179		0	0	
"2015-05-06	03:00:00"	8.98	176.8	13.08	14.12	5.017	180.4	20.5	9.95	61.66	61.11	0.544	93.8	90.3	26.179		0	0	
"2015-05-06	04:00:00"	12.07	188.8	9.3	18.89	7.482	194.8	16.18	13.52	62.57	62.52	0.051	95.6	92.3	26.179		0	0	
"2015-05-06	05:00:00"	12.39	186.4	9.29	19.49	7.539	191.8	16.68	13.52	62.69	62.79	-0.1	96.3	92.3	26.18		0	0	
"2015-05-06	06:00:00"	12.61	182.4	8.7	19.49	7.509	188	16.72	15.31	62.46	62.62	-0.158	97.2	92.7	26.183		0	0	
"2015-05-06	07:00:00"	11.72	195.3	11.78	17.1	7.264	200.6	17.47	12.93	62.38	62.53	-0.147	97.8	92.9	26.192	0.12491		0	
"2015-05-06	08:00:00"	14.16	198.2	9.4	22.47	8.94	202.1	15.14	15.31	62.54	62.78	-0.238	97.5	93.1	26.204	14.211		0	
"2015-05-06	09:00:00"	13.87	187.1	9.98	20.09	8.51	191.9	16.79	15.31	63.56	63.89	-0.329	91.6	87.9	26.216	124.1		0	
"2015-05-06	10:00:00"	14.92	184.2	10.1	21.87	9.17	189	17.8	17.1	66.49	67.72	-1.232	81.3	76.21	26.228	441.63		0	
"2015-05-06	11:00:00"	13.4	199.8	15.33	21.28	8.78	203.5	18.6	15.31	71.26	72.5	-1.247	60.65	59.71	26.249	641.76		0	
"2015-05-06	12:00:00"	13.29	221.5	13.69	19.49	9.32	222.7	16.07	15.91	75.17	76.09	-0.911	39.9	42.73	26.267	804.21		0	
"2015-05-06	13:00:00"	13.5	240.7	14.1	22.47	10.36	240.2	17.16	18.89	78.04	78.73	-0.692	27.4	30.4	26.273	904.52		0	
"2015-05-06	14:00:00"	12.15	231.1	20.55	19.49	8.89	231.5	22.95	16.51	79.69	80.6	-0.948	23.51	25.89	26.264	948.81		0	
"2015-05-06	15:00:00"	11.59	208.7	21.67	21.87	8.12	211.8	24.28	15.91	80.8	82.1	-1.25	23.49	25.49	26.252	938.63		0	
"2015-05-06	16:00:00"	14.23	195	20.18	24.26	9.38	199.5	24.11	18.89	81.9	83.3	-1.41	22.27	24.08	26.233	875.33		0	
"2015-05-06	17:00:00"	13.98	203.6	15.49	24.26	9.3	207.2	18.86	18.3	82.4	83.7	-1.247	21.1	22.72	26.215	746.26		0	
"2015-05-06	18:00:00"	14	196.1	16.12	24.86	9.01	200.9	20.05	17.7	83.1	84	-0.908	20.16	21.8	26.199	571.04		0	
"2015-05-06	19:00:00"	12.32	200	14.01	22.47	7.9	204.3	18.42	16.51	82.8	83.5	-0.713	19.91	21.55	26.183	382.96		0	
"2015-05-06	20:00:00"	9.71	175	10.74	17.7	5.593	178.6	19.07	12.33	81.9	81.7	0.225	21.78	24.16	26.168	174.34		0	
"2015-05-06	21:00:00"	6.001	138.4	15.67	8.16	2.409	119.4	25.98	4.578	77.21	74.04	3.168	30.66	40.36	26.152	18.015		0	
"2015-05-06	22:00:00"	11.56	146.1	13.89	20.09	6.036	142.8	28.16	14.72	72.17	69.98	2.183	54.66	59.2	26.139	0		0	
"2015-05-06	23:00:00"	12.03	156.8	9.48	20.09	6.691	159.1	18.37	13.52	69.42	68.71	0.712	65.75	66.07	26.155	0		0	
"2015-05-07	00:00:00"	12.91	169.7	8.7	20.09	7.157	173.6	17.5	14.12	68.46	67.83	0.633	70.56	69.92	26.154	0		0	
"2015-05-07	01:00:00"	14.26	165.7	9.12	23.66	7.932	169.3	17.81	15.31	67.84	67.33	0.506	77.03	75.27	26.149	0		0	
"2015-05-07	02:00:00"	13.31	167.4	9.29	20.68	7.42	171.2	18.71	14.72	66.85	66.37	0.481	82.5	80.1	26.145	0		0	
"2015-05-07	03:00:00"	10.27	176.2	9.31	17.1	5.769	180.9	18.54	12.33	65.81	65.39	0.419	87.1	84.2	26.14	0		0	
"2015-05-07	04:00:00"	7.191	201.1	18.01	12.93	4.477	204.5	20.41	9.35	65.99	65.9	0.092	87.8	84.6	26.132	0		0	
"2015-05-07	05:00:00"	8.47	181.3	11.55	14.12	5.05	185.9	19.29	9.95	66.58	66.54	0.037	86.6	83.2	26.135	0		0	
"2015-05-07	06:00:00"	7.265	171.9	14.14	11.74	4.091	175.4	22.31	6.964	66.79	66.74	0.049	86.2	82.9	26.144	0		0	
"2015-05-07	07:00:00"	7.576	145.2	10.21	12.33	4.208	147.4	17.86	8.75	66.6	66.45	0.142	86.9	83.8	26.143	0.11833		0	
"2015-05-07	08:00:00"	6.87	156.4	11.39	11.14	3.901	159.1	19.48	8.75	66.81	66.73	0.077	87.4	84.3	26.162	16.104		0	
"2015-05-07	09:00:00"	7.656	159.9	12.26	11.74	4.457	163.7	21.19	8.75	68.11	68.55	-0.44	84.5	80.7	26.18	130.56		0	
"2015-05-07	10:00:00"	8.71	176.5	16.66	14.72	5.649	182	22.61	11.74	69.84	70.82	-0.975	79.62	75.47	26.198	319.97		0	
"2015-05-07	11:00:00"	8.49	193.3	17.57	12.93	5.811	198.7	21.82	9.95	72.25	73.37	-1.123	71.28	68.5	26.213	490.87		0	
"2015-05-07	12:00:00"	7.401	224.1	22.86	16.51	5.658	226.6	25.81	13.52	76.15	76.9	-0.76	59.13	59.04	26.23	770.17		0	
"2015-05-07	13:00:00"	9.3	245.3	31.75	16.51	7.062	245.3	34.32	14.12	78.75	79.83	-1.074	45.92	47.62	26.238	894.55		0	
"2015-05-07	14:00:00"	10.95	269.5	16.83	21.28	8.68	269.4	21.3	18.3	81.5	82.5	-1.029	29.36	31.88	26.232	939.26		0	
"2015-05-07	15:00:00"	12.49	245.9	19.65	22.47	9.55	246.1	22.76	19.49	83.5	84.4	-0.916	19.15	20.95	26.228	941.82		0	
"2015-05-07	16:00:00"	13.84	235.8	14.84	26.65	10.43	235.9	17.12	21.28	84.2	85	-0.819	17.37	18.78	26.223	874.33		0	
"2015-05-07	17:00:00"	17.05	225.1	18.32	27.84	12.03	226.5	19.21	22.47	84.5	85.5	-1.032	12.48	13.39	26.215	765.16		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-07	18:00:00"	15.16	236.1	15.12	26.05	11.26	236.1	17	19.49	84.5	85	-0.492	11.33	11.94	26.206	593.86	0		
"2015-05-07	19:00:00"	14.66	237.8	11.6	24.86	11.03	237.4	13.9	21.28	83.8	84.1	-0.294	10.33	10.63	26.209	389.85	0		
"2015-05-07	20:00:00"	9.47	244.3	11.05	19.49	7.117	243.6	13.49	14.72	82.7	82.2	0.509	12.19	13.01	26.209	176.99	0		
"2015-05-07	21:00:00"	3.832	278.3	34.81	6.964	1.876	298.9	59.19	4.578	78.94	75.4	3.535	16.14	24.38	26.197	18.789	0		
"2015-05-07	22:00:00"	5.205	60.42	25.35	8.16	3.102	70.31	16.52	5.175	74.74	68.57	6.164	20.89	35.37	26.171	0	0		
"2015-05-07	23:00:00"	5.924	42.61	20.61	7.561	3.129	40.07	29.84	5.175	73.27	68.4	4.873	20.85	31.14	26.163	0	0		
"2015-05-08	00:00:00"	11.49	70.37	22.95	19.49	6.348	68.65	26.22	13.52	64.65	63.88	0.771	66.25	63.82	26.169	0	0		
"2015-05-08	01:00:00"	12.23	92.3	9.9	20.68	7.871	92.3	19.17	15.31	59.57	59.39	0.186	90.6	85.6	26.156	0	0		
"2015-05-08	02:00:00"	10.02	94.1	10.26	15.31	6.252	93.8	19.86	11.14	58.62	58.31	0.308	92.6	88	26.147	0	0		
"2015-05-08	03:00:00"	12.03	87.3	9.56	18.3	7.306	86.4	19.62	12.33	58.29	58.11	0.174	92.4	87.7	26.148	0	0		
"2015-05-08	04:00:00"	11.73	78.4	9.47	18.3	6.791	75.76	20.28	12.33	58.78	58.77	0.011	89.7	85	26.143	0	0		
"2015-05-08	05:00:00"	10.83	71.27	9.14	15.91	6.501	67.26	19.1	11.74	59.85	59.97	-0.115	87.3	82.4	26.153	0	0		
"2015-05-08	06:00:00"	11.87	77.71	10.45	17.1	6.939	72.71	21	13.52	61.44	61.49	-0.049	84.9	80.3	26.163	0	0		
"2015-05-08	07:00:00"	10.08	71.12	9.32	14.12	6.057	66.02	18.05	10.54	62.43	62.46	-0.031	86.2	81.6	26.173	0.25487	0		
"2015-05-08	08:00:00"	6.916	59.7	13.43	10.54	4.062	57.55	20.09	7.561	63.43	63.46	-0.03	87.6	83.2	26.19	24.144	0		
"2015-05-08	09:00:00"	6.875	101.4	25.36	12.33	4.61	101.5	32.73	9.35	67.02	67.4	-0.384	85.2	81.1	26.202	142.79	0		
"2015-05-08	10:00:00"	4.241	140.7	43.89	8.75	3	143.5	50.77	6.368	69.69	70.12	-0.433	82.3	78.72	26.223	142.01	0		
"2015-05-08	11:00:00"	7.296	205.6	20.8	12.93	5.027	208.7	23.49	10.54	72.9	73.53	-0.633	75.46	72.95	26.236	356.62	0		
"2015-05-08	12:00:00"	7.97	244.9	25.37	14.72	6.054	245.4	30.24	12.93	77.01	77.87	-0.861	62.32	61.74	26.256	644.61	0		
"2015-05-08	13:00:00"	7.845	262.6	29.55	14.72	6.069	263.4	33.69	11.74	80.2	80.9	-0.698	45.76	47.93	26.263	795.33	0		
"2015-05-08	14:00:00"	8.07	275.9	37.51	16.51	6.331	279.6	40.85	15.31	83.5	84.2	-0.708	28.71	31.46	26.259	946.44	0		
"2015-05-08	15:00:00"	11.34	243.6	26.53	18.89	8.64	243.4	30.17	17.1	84.9	85.9	-1.021	23.71	25.73	26.251	940.87	0		
"2015-05-08	16:00:00"	10.85	222.4	28.08	23.07	8	223.3	30.44	18.89	85.9	86.8	-0.919	20.66	22.47	26.238	873.6	0		
"2015-05-08	17:00:00"	13.94	226.5	17.49	24.26	10.03	227.9	19.2	20.68	86.2	87.1	-0.96	15.92	17.23	26.225	755.47	0		
"2015-05-08	18:00:00"	13.54	217.1	18.32	22.47	9.39	219.2	20.49	18.3	86.3	87.1	-0.764	14.57	15.71	26.208	586.78	0		
"2015-05-08	19:00:00"	9.08	228.2	16.79	17.7	6.501	229	19.18	15.91	86.1	86.5	-0.432	16.52	17.94	26.195	383.91	0		
"2015-05-08	20:00:00"	3.847	247.1	56.89	9.95	2.935	244.6	63.31	8.75	86.3	85.3	0.986	16.43	18.93	26.181	175.72	0		
"2015-05-08	21:00:00"	4.047	54.04	18.98	5.771	2.271	54.96	21.17	3.982	82.7	79.92	2.76	19.99	26.94	26.162	19.936	0		
"2015-05-08	22:00:00"	12.17	65.88	19.68	30.82	6.759	69.06	20.16	19.49	74.48	72.46	2.016	44.39	47.75	26.146	0	0		
"2015-05-08	23:00:00"	17.57	83.4	9.19	27.24	10.14	82.1	20.47	18.3	68.25	68.05	0.2	76.53	74.17	26.141	0	0		
"2015-05-09	00:00:00"	18.45	85.7	8.47	27.84	10.76	84.8	19.84	18.3	65.88	65.76	0.122	80.1	76.88	26.132	0	0		
"2015-05-09	01:00:00"	14.89	89.6	9.42	22.47	9.18	88.9	19.56	16.51	64.2	64.1	0.103	83.3	79.58	26.137	0	0		
"2015-05-09	02:00:00"	13.48	91.3	10.65	22.47	8.7	90.5	20.08	15.91	64.08	64.02	0.064	85.3	81.3	26.131	0	0		
"2015-05-09	03:00:00"	6.789	72.94	15.06	15.31	4.056	68.25	23.65	10.54	64.18	64.19	-0.012	87.9	83.8	26.12	0	0		
"2015-05-09	04:00:00"	6.67	59.22	32.8	12.33	4.01	56.29	37.31	8.75	64.28	64.26	0.028	89	85.1	26.111	0	0		
"2015-05-09	05:00:00"	5.774	34.67	38.63	13.52	3.632	33.85	42.13	10.54	64.04	64.05	-0.015	89.7	85.5	26.113	0	0		
"2015-05-09	06:00:00"	4.097	38	18.22	6.368	1.937	42.22	28.81	3.982	63	62.28	0.715	92.1	88.8	26.106	0	0		
"2015-05-09	07:00:00"	3.18	32.66	23.5	5.771	1.633	43.99	43.1	3.982	61.51	60.22	1.292	94.4	90.6	26.114	0.31119	0		
"2015-05-09	08:00:00"	3.685	336.9	55.57	8.16	2.228	297.2	68.38	6.964	59.89	58.33	1.564	95.2	91.9	26.136	59.378	0		
"2015-05-09	09:00:00"	9.29	299.8	10.87	18.89	7.327	301.7	14.07	15.91	64.1	64.43	-0.33	79.32	77.29	26.163	260.1	0		
"2015-05-09	10:00:00"	13.85	298	9.53	20.09	11.14	299.4	12.78	17.1	70.21	70.71	-0.501	37.25	39.16	26.202	475.37	0		
"2015-05-09	11:00:00"	11.26	284.6	17.74	20.09	8.91	285	21.63	18.89	73.11	73.9	-0.793	25.53	27.03	26.223	660.97	0		
"2015-05-09	12:00:00"	14.11	253	15.56	26.65	10.99	251.6	17.83	23.07	75.66	76.48	-0.811	20.22	21.43	26.235	821.96	0		
"2015-05-09	13:00:00"	16.39	236.4	15.69	27.24	12.13	236	17.54	21.28	77.52	78.55	-1.03	17.95	18.78	26.24	923.22	0		
"2015-05-09	14:00:00"	16.37	226	14.45	27.24	11.67	226.2	16.34	23.07	79.24	80.5	-1.234	17.21	18.05	26.225	961.97	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-09	15:00:00"	21.78	241.3	12.21	33.8	16.46	240.7	15.21	29.63	81.5	82.5	-1.05	11.52	11.61	26.212	957.74		0	
"2015-05-09	16:00:00"	21.06	249.8	14.1	35	16.21	249.1	16.72	30.82	81.8	82.8	-0.954	9.27	9.01	26.211	892.36		0	
"2015-05-09	17:00:00"	22.67	257.2	12.53	35.59	17.32	256.2	15.61	29.63	81.5	82.4	-0.891	6.8	6.115	26.206	776.23		0	
"2015-05-09	18:00:00"	23.01	263.7	12.32	35	17.21	263	15.34	29.03	80.7	81.5	-0.764	6.855	5.908	26.195	605.26		0	
"2015-05-09	19:00:00"	20.69	274.8	13.71	30.22	15.15	273.7	16.8	25.45	79.66	80.4	-0.709	7.534	6.574	26.191	399.67		0	
"2015-05-09	20:00:00"	16.99	280.1	11.6	28.43	12.51	279.1	15.74	24.86	77.88	77.89	-0.013	6.538	5.205	26.188	186.95		0	
"2015-05-09	21:00:00"	12.97	297.7	11.96	24.26	9.58	299.8	14.1	20.68	73.69	73.2	0.483	10.19	8.95	26.173	21.25		0	
"2015-05-09	22:00:00"	5.802	17.84	44.6	11.74	3.621	29.65	56.39	8.16	68.97	66.66	2.31	16.57	18.16	26.16	0		0	
"2015-05-09	23:00:00"	4.267	307.3	25.89	7.561	1.984	284.7	79.26	3.982	65.24	61.01	4.229	21.51	25.85	26.149	0		0	
"2015-05-10	00:00:00"	1.436	252.7	80.8	5.175	1.508	139.5	35.1	3.386	62.19	58.45	3.74	24.46	28.78	26.147	0		0	
"2015-05-10	01:00:00"	3.041	295.3	25.78	6.964	1.316	318.4	67.76	3.982	61.99	55.43	6.558	24.93	37.58	26.148	0		0	
"2015-05-10	02:00:00"	4.582	299.7	34.76	9.35	2.753	356.2	65	5.771	59.71	53.27	6.437	28.07	43.88	26.124	0		0	
"2015-05-10	03:00:00"	10.26	312.3	6.08	18.3	6.255	312.5	7.984	14.12	59.1	56.1	3.007	28.12	33.54	26.114	0		0	
"2015-05-10	04:00:00"	11.67	313.1	10.76	22.47	8.7	313.6	11.7	18.3	56.32	55.78	0.534	32.58	32.49	26.13	0		0	
"2015-05-10	05:00:00"	8.11	353	15.82	11.14	5.41	350.1	16.29	8.16	55.94	55.03	0.906	31.02	31.55	26.15	0		0	
"2015-05-10	06:00:00"	10.14	355.6	14.34	17.1	7.088	352.2	15.27	12.33	55.41	54.92	0.487	34.31	33.87	26.164	0		0	
"2015-05-10	07:00:00"	9.77	359.4	13.43	14.12	6.627	355	14.49	11.14	52.69	52.21	0.484	41.95	40.99	26.174	0.52252		0	
"2015-05-10	08:00:00"	12	352.2	13.72	18.3	8.58	349.4	14.03	15.31	53.63	53.34	0.283	41.88	41	26.181	71.86		0	
"2015-05-10	09:00:00"	12.13	358.5	13.76	19.49	8.88	356	15.65	15.31	58.76	59.39	-0.63	36.21	35.67	26.212	274.37		0	
"2015-05-10	10:00:00"	14.31	353	15.24	21.87	10.77	351	17.9	18.3	62.22	63.39	-1.17	30.92	30.2	26.241	489.2		0	
"2015-05-10	11:00:00"	12.01	338.3	15.81	17.7	9.79	336.4	17.16	15.31	65.58	66.78	-1.204	27.25	26.71	26.259	675.73		0	
"2015-05-10	12:00:00"	7.341	311.1	36.98	14.12	5.972	311.9	38.58	12.33	69.62	70.32	-0.701	22.95	23.12	26.278	835.9		0	
"2015-05-10	13:00:00"	8.6	255.1	32.07	18.3	6.579	253.1	34.76	16.51	72.64	73.54	-0.898	19.45	19.65	26.292	936.52		0	
"2015-05-10	14:00:00"	13.8	250	20.55	25.45	10.6	249.5	22.91	20.09	74.68	75.86	-1.176	16.5	16.35	26.285	981.09		0	
"2015-05-10	15:00:00"	12.94	252.2	23.68	23.66	9.81	251.3	25.12	20.09	76.07	77.49	-1.422	14.54	14.38	26.281	971.3		0	
"2015-05-10	16:00:00"	11.03	253.6	22.16	20.68	8.53	253.2	24.21	16.51	77.81	78.94	-1.129	11.91	11.81	26.282	907.02		0	
"2015-05-10	17:00:00"	10.56	233.3	28.31	24.26	7.848	234.3	28.74	20.09	78.38	79.43	-1.05	11.9	11.75	26.28	782.27		0	
"2015-05-10	18:00:00"	9.56	231.8	29.34	18.89	7.085	234.7	30.96	14.12	78.38	79.16	-0.784	11.99	11.83	26.274	609.15		0	
"2015-05-10	19:00:00"	5.953	192.5	53.45	18.3	4.197	194.7	56.99	12.93	78.68	79.35	-0.668	12.77	12.79	26.27	403.08		0	
"2015-05-10	20:00:00"	3.683	134.5	59.1	7.561	2.499	132.6	67.73	5.771	78.92	78.06	0.862	12.63	13.61	26.272	191.83		0	
"2015-05-10	21:00:00"	6.913	124.1	9.12	8.75	2.77	117.6	19.17	4.578	73.6	70.16	3.443	19.43	25.78	26.271	23.75		0	
"2015-05-10	22:00:00"	5.018	106.7	40.26	8.75	2.092	72.52	47.34	4.578	68.68	63.39	5.291	24.54	32.45	26.253	0		0	
"2015-05-10	23:00:00"	4.514	46.5	9.2	5.771	2.093	56.93	14.4	3.386	66.93	62.11	4.821	25.25	33.23	26.248	0		0	
"2015-05-11	00:00:00"	4.602	82.5	19.66	6.368	1.733	65.48	51.01	3.386	64.37	58.01	6.361	26.17	37.56	26.253	0		0	
"2015-05-11	01:00:00"	2.597	116.1	47.44	8.16	1.681	45.11	55.71	3.982	63.56	55.81	7.752	26.02	42.45	26.243	0		0	
"2015-05-11	02:00:00"	5.272	52.91	12.24	10.54	2.969	56.79	18.01	7.561	62.27	57.26	5.002	28.72	38.19	26.248	0		0	
"2015-05-11	03:00:00"	11.53	88.7	11.69	21.28	6.733	86.9	20.81	14.72	58.14	56.92	1.221	52.65	51.72	26.27	0		0	
"2015-05-11	04:00:00"	11.2	75.45	9.14	16.51	6.134	71.26	20.33	11.14	54.82	54.03	0.79	71.55	68.25	26.272	0		0	
"2015-05-11	05:00:00"	11.57	72.05	7.209	15.31	6.469	65.2	17.26	10.54	52.63	51.93	0.695	78.35	74.07	26.27	0		0	
"2015-05-11	06:00:00"	12.84	62.93	9.84	20.09	7.66	60.88	17.88	15.91	51.48	50.94	0.533	79.33	74.67	26.271	0		0	
"2015-05-11	07:00:00"	14.58	49.85	10.19	21.87	7.942	46.22	15.75	15.91	50.87	50.56	0.313	80.1	74.9	26.29	0.8588		0	
"2015-05-11	08:00:00"	16.81	46.28	9.6	24.26	8.86	41.45	14.12	17.1	51.33	51.27	0.056	75.72	70.71	26.318	38.89		0	
"2015-05-11	09:00:00"	20.41	61.1	10.49	30.82	12.2	58.42	17.93	23.07	53.92	54.56	-0.645	64.99	60.81	26.356	242.1		0	
"2015-05-11	10:00:00"	22.15	69.22	10.01	31.42	13.4	65.65	19.23	24.26	56.15	57.56	-1.41	58.08	54.1	26.399	479.6		0	
"2015-05-11	11:00:00"	20.29	67.45	11.55	32.01	12.23	64.54	20.48	22.47	57.97	59.79	-1.817	53.52	49.9	26.439	608.6		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-11	12:00:00"	17.08	65.15	13.49	27.84	10.25	61.77	21.56	18.89	59.58	61.66	-2.079	50.12	47.03	26.463	609.2	0		
"2015-05-11	13:00:00"	15.91	62.36	16.03	24.26	9.59	58.87	23.64	17.7	62.12	64.37	-2.252	47.2	44.73	26.473	757.73	0		
"2015-05-11	14:00:00"	13.35	69.92	18.37	24.26	8.51	66.59	25.91	17.1	65.1	67.69	-2.592	44.97	43.08	26.483	869.14	0		
"2015-05-11	15:00:00"	12.8	75.44	19.24	21.28	8.16	71.64	27.44	16.51	66.95	69.22	-2.269	44.02	42.66	26.482	779.95	0		
"2015-05-11	16:00:00"	11.57	86.5	19.58	18.3	7.802	84.7	28.33	15.31	68.72	71.08	-2.357	43.98	42.69	26.471	813	0		
"2015-05-11	17:00:00"	11.65	92.9	18.87	20.09	7.844	91.6	27.01	15.91	69.29	71.22	-1.934	44.59	43.5	26.461	667.8	0		
"2015-05-11	18:00:00"	11.43	78.8	17.06	18.89	7.447	76.68	26.21	14.12	69.91	71.76	-1.85	44.79	43.94	26.445	534.51	0		
"2015-05-11	19:00:00"	11.16	77.35	16.81	18.3	7.075	75.68	26.07	13.52	70.06	71.75	-1.688	44.76	44.13	26.436	402.81	0		
"2015-05-11	20:00:00"	13.77	90.1	12.02	21.87	8.71	89.9	21.06	16.51	69.05	69.74	-0.69	45.98	45.77	26.446	216.04	0		
"2015-05-11	21:00:00"	13.83	93.6	9.93	21.87	9.08	94.2	19.41	16.51	65.28	65.29	-0.013	51.86	50.87	26.448	31.451	0		
"2015-05-11	22:00:00"	13.14	87.9	9.44	19.49	7.871	87.4	19.8	15.31	61.98	61.75	0.227	57.8	56.09	26.45	0	0		
"2015-05-11	23:00:00"	13.15	83.4	9.79	20.09	7.709	82.3	20.67	14.12	59.89	59.59	0.294	61.72	59.41	26.458	0	0		
"2015-05-12	00:00:00"	12.16	73.25	8.68	18.3	7.112	68.96	18.57	11.74	57.77	57.47	0.305	65.81	62.89	26.463	0	0		
"2015-05-12	01:00:00"	14.24	72.86	8.23	20.68	8.33	69.14	19.07	15.31	57.23	57.09	0.141	64.87	61.77	26.462	0	0		
"2015-05-12	02:00:00"	13.23	78.25	10.04	21.87	7.64	76.35	20.89	15.31	56.75	56.52	0.228	62.89	60.11	26.457	0	0		
"2015-05-12	03:00:00"	12.52	87.6	10.8	20.68	7.78	86.7	21.05	15.91	56.51	56.52	-0.007	61.98	58.81	26.46	0	0		
"2015-05-12	04:00:00"	15.45	85.8	9.32	24.26	9.1	85	19.86	17.1	55.59	55.58	0.01	63.93	60.36	26.454	0	0		
"2015-05-12	05:00:00"	14.06	78.92	11.85	22.47	8.37	77.45	21.97	15.91	54.22	54.04	0.177	69.88	65.67	26.448	0	0		
"2015-05-12	06:00:00"	14.29	70.05	9.05	21.87	8.57	67.72	19.03	15.31	54.19	54.23	-0.032	71.16	66.54	26.448	0	0		
"2015-05-12	07:00:00"	18.64	83.9	9.45	30.82	10.86	83.2	20.22	20.09	54.05	54.05	0.005	72.78	68.45	26.465	0	0.12		
"2015-05-12	08:00:00"	17.14	75.19	10.39	27.24	9.97	72.59	20.09	17.1	50.34	50.25	0.09	90.3	85	26.473	1.3645	0.15		
"2015-05-12	09:00:00"	14.36	56.85	16.28	22.47	8.3	52.44	20.55	19.49	49.85	49.9	-0.05	89.7	84.8	26.486	52.416	0.07		
"2015-05-12	10:00:00"	15.86	79.6	10.09	24.26	9.11	77.81	21.24	17.1	51.34	51.62	-0.281	83.9	79.78	26.494	164.99	0		
"2015-05-12	11:00:00"	14.5	90.9	9.95	22.47	9.22	90.9	19.53	16.51	52.02	52.39	-0.368	88.8	83	26.509	120.52	0		
"2015-05-12	12:00:00"	12.78	100.6	11.92	21.28	8.42	101	20.49	15.91	54.09	54.85	-0.759	87	80.9	26.514	253.24	0		
"2015-05-12	13:00:00"	11.14	100.7	13.03	17.7	7.448	100.6	20.57	13.52	55.39	56.23	-0.839	86.2	79.87	26.527	196.6	0		
"2015-05-12	14:00:00"	11.57	90.6	14.45	18.89	7.348	89.8	23.5	15.31	57.19	58.27	-1.08	84.3	78.36	26.507	292.58	0		
"2015-05-12	15:00:00"	11.94	100.9	14.2	18.89	8.04	100.8	22.41	14.72	60.28	61.51	-1.234	79.58	74.44	26.5	378.53	0		
"2015-05-12	16:00:00"	11.64	109.4	15.5	18.89	7.803	108.8	23.11	15.31	63.07	64.62	-1.556	74.91	70.47	26.488	493.29	0		
"2015-05-12	17:00:00"	11.63	107.2	15.06	18.3	7.588	107	23.45	14.12	65.49	66.48	-0.993	71.07	68.32	26.449	292.11	0		
"2015-05-12	18:00:00"	12.92	118.6	12.92	20.68	8.11	118.7	20.35	15.31	66.1	66.48	-0.384	69.94	67.99	26.428	134.3	0		
"2015-05-12	19:00:00"	11.58	135.6	11.12	19.49	6.763	137	18.98	15.31	66.32	66.32	0.003	70.63	69.06	26.416	49.973	0		
"2015-05-12	20:00:00"	12.87	121.3	17.12	21.87	7.837	122.1	24.05	15.31	66.29	66.24	0.042	69.12	67.81	26.41	48.008	0		
"2015-05-12	21:00:00"	12.58	97.9	11.34	21.28	8.14	97.9	19.75	16.51	64.37	64.21	0.154	72.73	70.59	26.403	8.0826	0		
"2015-05-12	22:00:00"	13.47	105.6	9.69	22.47	8.71	105.6	18.05	16.51	62.88	62.74	0.138	77.25	74.18	26.422	0	0		
"2015-05-12	23:00:00"	15.3	110.6	9.7	23.66	9.82	111.2	17.99	17.7	61.65	61.59	0.054	81.3	77.4	26.425	0	0		
"2015-05-13	00:00:00"	12.86	105.4	10	20.68	8.44	104.7	18.13	15.31	60.22	60.15	0.069	85.2	81	26.408	0	0		
"2015-05-13	01:00:00"	13.49	113.2	9.11	19.49	8.51	113.8	17.99	14.12	59.5	59.43	0.07	87.4	82.9	26.382	0	0		
"2015-05-13	02:00:00"	14.58	113.1	9.4	22.47	9.26	113.4	17.82	17.7	59.2	59.14	0.063	88.8	84.3	26.363	0	0.06		
"2015-05-13	03:00:00"	12.91	116.2	9.57	21.28	8.08	116.3	17.82	16.51	58.5	58.45	0.043	93.6	89	26.346	0	0.1		
"2015-05-13	04:00:00"	9.96	112.9	10.55	16.51	6.29	112.8	18.24	12.33	58.27	58.29	-0.025	95.8	91	26.316	0	0.25		
"2015-05-13	05:00:00"	11.06	119.4	9.89	19.49	6.8	118.7	17.3	15.31	58.48	58.46	0.018	96.1	91.7	26.283	0	0.24		
"2015-05-13	06:00:00"	9.3	125	21.67	17.7	5.424	125.4	28.48	11.14	58.97	58.89	0.079	95.6	91.9	26.264	0	0.11		
"2015-05-13	07:00:00"	10.87	180.3	13.08	17.7	6.445	185.4	19.49	12.93	59.71	59.62	0.099	95.3	91.7	26.282	0.10386	0		
"2015-05-13	08:00:00"	12.77	206.1	9.33	19.49	8.01	209.7	14.33	13.52	60.07	59.98	0.087	94.4	91.1	26.295	21.953	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-13	09:00:00"	10.04	223.4	14.52	18.3	6.873	224.7	16.29	14.12	60.39	60.5	-0.112	92.4	88.8	26.309	100.89		0	
"2015-05-13	10:00:00"	9.48	241.6	10.82	14.12	7.416	240.6	12.98	12.33	61.93	62.42	-0.491	86.9	82.7	26.321	361.87		0	
"2015-05-13	11:00:00"	12.52	232.6	13.94	21.28	9.38	232.9	16.14	17.7	65.58	66.5	-0.922	74.22	71.34	26.338	657.1		0	
"2015-05-13	12:00:00"	14.74	252.1	16.98	22.47	10.75	248.7	17.87	18.89	67.73	68.43	-0.702	60.21	59.94	26.356	519.23		0	
"2015-05-13	13:00:00"	17.14	246	12.65	27.84	12.98	245.4	15.06	23.07	69.42	69.89	-0.47	48.68	51.18	26.348	771.73		0	
"2015-05-13	14:00:00"	17.48	251.4	13.25	27.84	13.53	251.1	16.02	23.07	70.94	71.59	-0.645	45.32	48.34	26.344	739.49		0	
"2015-05-13	15:00:00"	17.14	257.2	15.05	26.65	13.18	255.3	17.31	23.07	71.53	72.06	-0.524	43.8	46.93	26.339	597.47		0	
"2015-05-13	16:00:00"	16.82	279	15.84	27.84	12.84	278.5	19.5	22.47	71.34	72.34	-1.001	48.6	50.57	26.34	787.14		0	
"2015-05-13	17:00:00"	14.38	276	13.93	21.87	11.02	274.3	17.74	18.89	72.31	73.45	-1.143	44.48	47.26	26.335	758.3		0	
"2015-05-13	18:00:00"	14.23	267.3	16.19	21.28	10.77	265.9	18.26	17.1	73.21	73.91	-0.704	40.74	44.29	26.329	594.39		0	
"2015-05-13	19:00:00"	13	264.4	13.15	21.28	9.85	263.3	15.68	17.1	73.47	74.1	-0.63	40.42	43.68	26.326	395.92		0	
"2015-05-13	20:00:00"	11.29	255.9	11.88	19.49	8.66	254.5	14.36	15.31	73.62	73.08	0.546	38.91	43.16	26.322	193.06		0	
"2015-05-13	21:00:00"	6.247	230.4	16.49	12.33	3.497	226.3	20.38	9.35	70.41	68.74	1.677	48.11	53.59	26.316	24.261		0	
"2015-05-13	22:00:00"	6.397	190.1	14.03	8.16	2.224	173.2	20.29	4.578	65.72	61.52	4.204	59.22	68.89	26.301	0		0	
"2015-05-13	23:00:00"	7.431	159.5	14.66	10.54	2.925	150.3	23.57	5.771	62.83	59.6	3.231	66.65	72.75	26.3	0		0	
"2015-05-14	00:00:00"	7.126	147.9	12.58	9.95	2.875	138.5	21.36	4.578	60.97	58.16	2.809	71.47	75.6	26.308	0		0	
"2015-05-14	01:00:00"	5.833	148.6	16.27	8.16	2.228	143.1	29.05	3.982	59.64	57.21	2.433	73.83	76.75	26.308	0		0	
"2015-05-14	02:00:00"	7.278	182.5	12.79	12.93	3.666	193.4	19.43	8.75	58.57	57.23	1.345	82.8	81.1	26.311	0		0	
"2015-05-14	03:00:00"	8.51	183.3	9.37	13.52	4.663	189.4	17.36	9.35	58.29	57.62	0.668	92.9	89.2	26.31	0		0	
"2015-05-14	04:00:00"	9.57	189.2	9.89	18.3	5.76	194.8	16.85	13.52	58.43	58.25	0.184	95.7	91.4	26.314	0		0	
"2015-05-14	05:00:00"	12.49	180.9	9.13	19.49	7.396	185.7	16.83	14.12	60.08	60.13	-0.054	96.5	92.3	26.326	0		0	
"2015-05-14	06:00:00"	12.85	177.3	9.81	19.49	7.581	182.8	18.52	14.72	60.8	60.82	-0.021	95.2	91.6	26.335	0		0	
"2015-05-14	07:00:00"	9.68	158.2	10.61	17.7	5.475	160.8	20.8	11.14	61.06	60.91	0.154	94.3	90.3	26.337	0.65805		0	
"2015-05-14	08:00:00"	8.58	146.4	10.68	14.12	4.849	148	19.58	10.54	61.35	61.19	0.166	94.7	91.3	26.346	53.358		0	
"2015-05-14	09:00:00"	9.68	143.4	11.21	15.31	5.709	145.4	19.79	12.33	63.26	63.67	-0.414	90.3	86.1	26.363	188.08		0	
"2015-05-14	10:00:00"	10.72	152.2	12.58	15.31	6.38	154.6	22.37	11.74	65.5	66.7	-1.206	84.6	79.02	26.381	344.09		0	
"2015-05-14	11:00:00"	8.62	165.3	14.82	12.93	5.55	170.9	23.79	10.54	68.49	70.01	-1.52	76.51	71.94	26.4	489.42		0	
"2015-05-14	12:00:00"	6.838	146.7	26.83	12.93	4.568	149.1	35.24	14.12	72.88	74.33	-1.444	65.53	63.85	26.413	684.59		0	
"2015-05-14	13:00:00"	8.97	145.2	20.81	15.31	5.709	147.5	29.93	11.74	75.79	77.29	-1.495	58.31	58.29	26.418	673.96		0	
"2015-05-14	14:00:00"	10.72	144.8	14.62	17.7	6.668	146.9	23.64	12.93	77.14	78.71	-1.578	56.5	56.84	26.403	653.09		0	
"2015-05-14	15:00:00"	12.39	154.6	15.39	20.68	7.674	157.4	24.42	15.91	78.46	79.96	-1.5	53.16	54.15	26.38	735.8		0	
"2015-05-14	16:00:00"	14.91	167.5	13.31	24.26	8.89	171.8	21.72	17.7	79.78	81.1	-1.367	49.48	51.13	26.36	615.95		0	
"2015-05-14	17:00:00"	14.27	168.6	11.99	23.07	8.18	172.6	20.01	16.51	77.73	77.91	-0.181	52.18	54.64	26.324	176.8		0	
"2015-05-14	18:00:00"	15.43	170	26.96	39.77	8.66	174.3	30.21	27.84	69.34	68.52	0.823	72.21	74.19	26.306	24.854		0.07	
"2015-05-14	19:00:00"	10.62	94.8	25.37	24.26	5.722	97.6	30.95	16.51	64.05	61.2	2.854	61.1	72.69	26.253	39.867		0.1	
"2015-05-14	20:00:00"	12.98	142.3	14.24	23.66	6.84	145.1	21.15	15.91	65.6	63.8	1.793	68.54	73.29	26.215	47.239		0	
"2015-05-14	21:00:00"	12.82	152	25.87	21.87	7.137	153.4	30.67	15.91	66.19	64.88	1.312	72.02	74.49	26.226	4.5994		0.02	
"2015-05-14	22:00:00"	4.503	130.8	56.45	10.54	2.443	116.7	70.67	8.16	64.58	62.94	1.635	74.65	75.69	26.224	0		0	
"2015-05-14	23:00:00"	5.239	167.4	27.31	11.74	2.612	174.6	49.91	6.964	61.72	60.64	1.083	82.4	81.7	26.24	0		0	
"2015-05-15	00:00:00"	3.967	164.2	25.03	6.964	1.672	174.3	48.05	3.982	60.75	59.19	1.558	80.1	81.4	26.24	0		0	
"2015-05-15	01:00:00"	5.639	184.3	25.84	9.35	2.625	190.6	32.21	5.175	61.67	60.44	1.23	85.8	84.5	26.227	0		0	
"2015-05-15	02:00:00"	6.303	221.4	22.28	12.33	3.509	224.6	25.71	7.561	61.46	60.32	1.137	88.9	87.6	26.224	0		0	
"2015-05-15	03:00:00"	5.385	218.5	20.35	9.95	2.922	223.7	26.14	8.16	60.68	59.89	0.788	91.8	88.9	26.21	0		0	
"2015-05-15	04:00:00"	3.554	189.1	29.98	6.368	1.575	151.9	67.44	3.386	59.78	58.43	1.353	95.3	91.2	26.195	0		0	
"2015-05-15	05:00:00"	4.479	144	22.67	6.964	1.965	129.1	39.75	4.578	59.02	57.73	1.29	96.3	92.3	26.196	0		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-15	06:00:00"	5.684	146.5	19.6	9.35	2.556	144.3	35.97	5.771	58.44	57.2	1.236	92.5	92.5	26.214	0	0		
"2015-05-15	07:00:00"	4.378	140	35.62	9.95	1.867	134.3	53.17	4.578	57.6	55.7	1.901	89	89.5	26.217	0.57986	0		
"2015-05-15	08:00:00"	9.75	155.8	9.97	15.31	5.396	158.1	19.01	11.14	59.07	58.67	0.396	96.1	92.2	26.236	28.157	0		
"2015-05-15	09:00:00"	11.26	173.6	9.72	15.91	6.724	178.3	18.57	12.33	62.72	63.27	-0.551	95.4	96.9	26.268	220.19	0.01		
"2015-05-15	10:00:00"	11.74	181.2	12.79	17.7	7.141	187.2	20.01	12.93	67.39	68.61	-1.213	78.14	76.13	26.282	466.34	0		
"2015-05-15	11:00:00"	14.25	188.5	12.82	20.68	8.9	194	18.77	15.31	71.29	72.51	-1.223	61.96	61.52	26.299	650.62	0		
"2015-05-15	12:00:00"	13.79	190.7	12.76	21.87	8.86	195.6	18.78	16.51	73.87	75.28	-1.411	54.57	55.36	26.311	806.23	0		
"2015-05-15	13:00:00"	13.95	202.9	15.5	22.47	9.04	207.1	19.04	17.1	75.91	77.41	-1.496	48.25	50.43	26.314	919.37	0		
"2015-05-15	14:00:00"	13.29	209.3	14.92	25.45	8.85	212.8	18.04	18.89	77.85	79.22	-1.365	41.75	45.17	26.301	942.56	0		
"2015-05-15	15:00:00"	14.44	209.5	13.87	24.26	9.58	213	17.48	17.7	79.55	80.9	-1.306	34.59	38.43	26.281	923.1	0		
"2015-05-15	16:00:00"	14.39	213	15.56	32.61	9.72	215.2	17.95	24.26	80.6	81.6	-1.011	31.15	34.8	26.262	844.72	0		
"2015-05-15	17:00:00"	15.23	201	14.1	26.65	9.72	204.7	18.24	18.89	80.8	81.7	-0.819	30.19	33.45	26.232	594.37	0		
"2015-05-15	18:00:00"	14.62	195.1	14.83	24.26	9.37	199.2	18.82	17.7	82	82.7	-0.727	28.87	31.95	26.206	568.3	0		
"2015-05-15	19:00:00"	14.78	189	15.85	24.86	9.09	194.2	20.99	17.1	82.2	82.8	-0.602	28.58	31.58	26.194	386.29	0		
"2015-05-15	20:00:00"	14.77	150.6	10.47	22.47	8.27	154	19.11	15.31	79.87	79.6	0.272	36.41	40.1	26.184	163.3	0		
"2015-05-15	21:00:00"	11.03	140.9	8.21	18.89	5.885	142.6	16.45	11.74	75.25	74.22	1.029	46.42	50.14	26.167	10.475	0		
"2015-05-15	22:00:00"	15.14	138	9.62	24.86	8.55	139.3	17.58	17.1	73.41	72.6	0.81	54	56.18	26.146	0	0		
"2015-05-15	23:00:00"	13.1	151	19.15	29.63	7.111	152.5	26.78	21.28	70.02	68.53	1.49	68.24	72.2	26.172	0.00149	0.14		
"2015-05-16	00:00:00"	6.541	146.3	65.33	20.68	3.816	129.1	68.91	12.93	64.55	63.66	0.887	83.3	85	26.168	0.00056	0.13		
"2015-05-16	01:00:00"	10.11	130.5	16.28	17.7	5.548	129.7	22.89	11.14	64.89	63.86	1.03	84.9	84.9	26.135	0	0		
"2015-05-16	02:00:00"	12.8	156.1	11.21	20.68	7.045	158	20.17	14.72	65.66	64.92	0.741	86.2	85.2	26.124	0	0		
"2015-05-16	03:00:00"	10.87	165.5	8.22	17.1	5.844	168.6	17.71	12.93	65.17	64.31	0.854	85.5	84.2	26.113	0	0		
"2015-05-16	04:00:00"	11.3	174	8.91	16.51	6.328	178.3	17.79	11.14	64.45	63.94	0.517	91	88.2	26.106	0	0		
"2015-05-16	05:00:00"	12.42	166.4	8.95	20.68	6.927	169.8	18.35	14.72	65.16	64.93	0.228	93.3	90.9	26.103	0	0		
"2015-05-16	06:00:00"	14.98	167.6	8.96	24.26	8.47	171.3	18.92	15.31	65.7	65.61	0.082	93.5	90.8	26.11	0	0		
"2015-05-16	07:00:00"	13.99	170.9	9.72	21.87	8.01	176.6	18.86	16.51	65.6	65.48	0.121	93.9	91.4	26.116	0.52037	0		
"2015-05-16	08:00:00"	12.75	187.3	12.94	21.28	7.641	192.5	18.76	15.31	65.59	65.6	-0.011	93.7	91.3	26.139	20.987	0		
"2015-05-16	09:00:00"	11.27	201	9.81	17.1	7.057	204.2	15.1	12.33	66.05	66.24	-0.189	91.2	88.3	26.152	89.188	0		
"2015-05-16	10:00:00"	11.38	211	14.37	17.1	7.543	213.1	17.58	13.52	68.51	69.49	-0.978	82	78.26	26.165	416.84	0		
"2015-05-16	11:00:00"	11	216.8	11.68	15.31	7.493	219.1	15.82	12.33	71.55	72.85	-1.3	71.98	69.71	26.175	630.59	0		
"2015-05-16	12:00:00"	12.08	243.7	15.15	20.68	9.22	243.1	17.56	17.1	74.75	75.46	-0.715	55.84	58.2	26.186	778.89	0		
"2015-05-16	13:00:00"	13.03	261.8	18.09	22.47	9.9	260.7	20.67	17.1	75.77	76.72	-0.944	44.26	48.62	26.197	891.08	0		
"2015-05-16	14:00:00"	15.21	249.7	14.03	24.86	11.78	249.9	17.06	21.28	76.73	77.35	-0.618	37.6	42.67	26.199	933.12	0		
"2015-05-16	15:00:00"	17.19	242.8	15.02	33.21	12.85	241.8	17.13	24.26	78.11	78.68	-0.568	34.31	39.06	26.194	940.37	0		
"2015-05-16	16:00:00"	24.74	249.4	11.97	35.59	18.96	248.9	14.46	30.82	79.51	79.72	-0.207	25.15	28.97	26.19	886.61	0		
"2015-05-16	17:00:00"	28.45	259.9	11.97	46.92	21.41	259.4	14.68	41.56	79.58	79.81	-0.229	18	20.48	26.179	763	0		
"2015-05-16	18:00:00"	29.38	271.1	11.26	45.13	21.41	269.5	14.91	36.19	78.94	79.23	-0.29	15.69	17.36	26.171	599.46	0		
"2015-05-16	19:00:00"	27.26	276.1	9.93	43.35	19.6	274.4	13.68	33.21	77.96	78.13	-0.163	14.3	15.62	26.171	399.49	0		
"2015-05-16	20:00:00"	20.97	277.2	9.51	32.61	14.81	275.1	13.67	25.45	76.7	76.21	0.493	14.19	15.7	26.182	192.21	0		
"2015-05-16	21:00:00"	13.46	286.7	8.59	23.66	9.8	288.1	12.26	20.68	73.3	72.59	0.704	19.7	21.32	26.184	29.274	0		
"2015-05-16	22:00:00"	12.19	296.2	7.836	22.47	8.98	298.5	10.34	18.3	68.44	67.54	0.898	26.71	28.77	26.17	0	0		
"2015-05-16	23:00:00"	15.24	300	8.54	23.66	11.89	302.1	10.19	18.89	67.97	67.4	0.573	27.3	28.43	26.181	0	0		
"2015-05-17	00:00:00"	11.58	304.1	8.02	18.3	8.51	307.4	8.43	14.12	63.29	62.66	0.634	34.99	36.57	26.198	0	0		
"2015-05-17	01:00:00"	8.42	304.3	9.12	14.12	5.065	307	12.62	11.14	61.88	59.6	2.278	34.91	40.57	26.195	0	0		
"2015-05-17	02:00:00"	4.075	303	59.93	9.95	2.65	318.6	77.07	7.561	61.71	58.45	3.267	30.89	39.14	26.205	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-17	03:00:00"	3.761	11.4	88.3	9.35	2.449	30.69	67.38	5.175	59.7	54.88	4.827	33.72	50.41	26.211	0	0		
"2015-05-17	04:00:00"	2.337	239.5	71.9	5.771	1.71	351.6	78.7	3.982	58.75	52.27	6.488	34.62	58.94	26.2	0	0		
"2015-05-17	05:00:00"	4.131	316.5	37.43	6.368	2.206	335.4	57.11	4.578	58.07	53.12	4.956	42.01	54.8	26.208	0	0		
"2015-05-17	06:00:00"	2.84	145.9	35.93	6.964	1.797	96.2	57.16	4.578	54.59	49.31	5.276	52.34	67.33	26.224	0	0		
"2015-05-17	07:00:00"	2.321	58.08	58.62	6.368	1.475	32.77	58.14	3.386	53.18	49.22	3.966	55.82	69.86	26.229	1.7575	0		
"2015-05-17	08:00:00"	4.625	291.6	30.55	8.16	2.35	292.4	41.27	5.175	55.99	53.04	2.955	47.54	61.66	26.243	89.839	0		
"2015-05-17	09:00:00"	3.339	267.2	63.31	8.16	2.618	266.7	64.8	7.561	60.99	61.7	-0.713	47.53	48.22	26.295	284.19	0		
"2015-05-17	10:00:00"	7.034	271.2	18.62	12.93	5.484	270.9	23.11	9.95	64.16	65.25	-1.088	40.18	41.81	26.339	512.46	0		
"2015-05-17	11:00:00"	6.644	237.4	29.72	12.33	4.886	239.4	30.35	10.54	68.01	68.76	-0.749	34.4	37.08	26.37	597.4	0		
"2015-05-17	12:00:00"	7.907	207.4	14.4	13.52	5.409	211.7	17.68	12.33	68.75	69.28	-0.53	35.28	38.03	26.386	426.99	0		
"2015-05-17	13:00:00"	9.73	217.3	17.92	17.1	6.98	220.4	20.44	14.72	71.48	72.27	-0.783	32.59	35.36	26.399	892.27	0		
"2015-05-17	14:00:00"	12.75	216.6	13.99	23.66	8.83	218.8	17.33	16.51	73	73.89	-0.889	28.36	30.82	26.404	756.91	0		
"2015-05-17	15:00:00"	14.91	228.9	16.13	26.05	10.74	229.8	18.07	21.87	75.27	76.14	-0.867	24.63	27.18	26.402	947.4	0		
"2015-05-17	16:00:00"	15.11	237.2	18.16	26.05	11.16	237.6	19.7	20.68	76.91	77.69	-0.788	21.05	23.36	26.392	894.63	0		
"2015-05-17	17:00:00"	15	233	15.59	26.05	10.96	233.7	17.66	21.28	77.76	78.39	-0.629	20.17	22.14	26.379	771.55	0		
"2015-05-17	18:00:00"	11.98	217.8	15.53	21.87	8.31	219.8	17.52	15.91	78.39	79	-0.615	20.52	22.7	26.374	601.44	0		
"2015-05-17	19:00:00"	12.95	209.4	12.81	21.87	8.39	212.8	16.05	14.72	78.9	79.49	-0.585	20.32	22.32	26.372	405.03	0		
"2015-05-17	20:00:00"	9.8	208.8	11.13	19.49	6.309	210.7	14.66	13.52	78.73	78.05	0.679	21.68	24.39	26.376	197.57	0		
"2015-05-17	21:00:00"	5.14	174.2	21.54	7.561	2.178	153.8	44	3.982	74.65	72.22	2.439	29.19	37.11	26.379	28.939	0		
"2015-05-17	22:00:00"	6.639	153.3	8.97	11.14	2.706	118.2	22.28	6.368	69.89	64.64	5.252	35.3	49.11	26.358	0	0		
"2015-05-17	23:00:00"	6.224	144.1	11.54	9.35	2.382	115.4	23.65	4.578	66.77	61.88	4.893	43.36	54.91	26.353	0	0		
"2015-05-18	00:00:00"	5.744	154.9	9.15	9.35	1.592	153.8	29.97	3.386	63.87	59.66	4.212	47.28	57.08	26.359	0	0		
"2015-05-18	01:00:00"	2.443	180.4	49.44	5.175	1.088	262.4	88.3	2.789	62.41	58.48	3.93	47.99	58.31	26.355	0	0		
"2015-05-18	02:00:00"	2.59	237.3	34.59	6.368	1.263	282.4	70.49	3.386	63.01	58.69	4.318	45.05	56.99	26.35	0	0		
"2015-05-18	03:00:00"	2.798	195.8	16.47	3.982	1	31.11	67.19	1	63.04	57.44	5.605	43.95	60.66	26.339	0	0		
"2015-05-18	04:00:00"	3.54	151.5	35.35	7.561	1.446	92	53.39	4.578	62	57.19	4.814	46.48	59.52	26.328	0	0		
"2015-05-18	05:00:00"	4.843	129.7	11.77	8.16	1.638	85.7	48.74	3.386	59.21	55.82	3.39	57.58	63.76	26.337	0	0		
"2015-05-18	06:00:00"	4.074	126.1	17.99	7.561	1.599	79.92	33.07	3.386	59.77	56.52	3.253	67.22	70.23	26.341	0	0		
"2015-05-18	07:00:00"	4.521	125.2	15.99	10.54	1.803	92.7	30.55	5.175	59.53	57.49	2.043	85.2	82.3	26.349	1.5726	0		
"2015-05-18	08:00:00"	8.28	137	9.07	12.33	4.507	136.9	18.24	8.75	61.92	61.42	0.504	92.8	89.7	26.386	72.115	0		
"2015-05-18	09:00:00"	9.41	146.4	10.43	14.12	5.543	148.9	19.86	9.95	66.59	67.45	-0.865	85.7	81.3	26.43	261.58	0		
"2015-05-18	10:00:00"	9.76	149	11.75	14.72	6.035	151.7	20.22	10.54	69.42	70.77	-1.357	79.15	74.9	26.462	396.79	0		
"2015-05-18	11:00:00"	8.13	152.8	19.59	14.12	5.223	155.4	27.39	11.14	73.44	75	-1.559	68.95	66.44	26.47	625.94	0		
"2015-05-18	12:00:00"	7.397	157	29.06	14.12	4.995	159.7	37.93	12.93	77.72	78.93	-1.209	56.75	56.98	26.486	798.41	0		
"2015-05-18	13:00:00"	8.63	128.5	21.12	17.1	5.915	127.3	29.68	12.93	81	82.3	-1.264	42.53	45.35	26.496	892.66	0		
"2015-05-18	14:00:00"	11.19	120.3	18.43	22.47	7.628	120.6	26.4	17.1	83.3	84.7	-1.428	34.65	37.73	26.486	922.21	0		
"2015-05-18	15:00:00"	12.97	127	17.33	26.05	8.48	128.2	25.9	17.7	85	86.5	-1.559	29.07	31.71	26.472	879.17	0		
"2015-05-18	16:00:00"	15.49	130.4	13.65	26.05	9.75	132.5	21.31	18.89	86.2	87.9	-1.659	25.91	28.28	26.456	864.47	0		
"2015-05-18	17:00:00"	16.36	128.2	14.15	26.65	10.15	129.5	21.77	20.09	86	87.4	-1.394	27.92	30.25	26.431	674.9	0		
"2015-05-18	18:00:00"	17.55	124.7	11.67	28.43	10.65	126.5	18.61	20.68	84.7	85.3	-0.609	31.35	34.12	26.412	366.27	0		
"2015-05-18	19:00:00"	16.22	131.3	9.49	26.05	9.6	133.7	17.28	18.89	81.1	80.8	0.255	37.2	40.54	26.39	60.004	0		
"2015-05-18	20:00:00"	19.82	127.3	10.56	36.78	11.81	129.6	18.27	23.07	80.4	80.1	0.293	36.56	39.78	26.36	47.824	0		
"2015-05-18	21:00:00"	16.81	123.9	8.66	28.43	10.12	124.9	16.46	20.09	78.71	78.36	0.35	45.06	47.73	26.362	13.631	0		
"2015-05-18	22:00:00"	15.16	119	12.97	24.86	9.29	120.7	19.84	17.7	77.43	76.98	0.447	48.74	51.14	26.361	0	0		
"2015-05-18	23:00:00"	17.41	131.6	16.23	30.82	10.33	133.8	22.52	20.09	73.31	73.12	0.185	61.58	61.69	26.392	0	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-19	00:00:00"	10.81	110.4	16.03	18.89	6.88	110.8	22.16	14.12	66.8	66.66	0.136	78.55	75.89	26.36		0	0	
"2015-05-19	01:00:00"	10.05	117.1	10.57	20.09	5.962	117.7	18.23	14.72	64.54	64.02	0.516	82.4	79.89	26.33		0	0	
"2015-05-19	02:00:00"	15.35	125.4	8.33	25.45	9.08	126.1	16.56	17.7	65.42	65.1	0.32	81.8	79.03	26.321		0	0	
"2015-05-19	03:00:00"	20.22	121.1	9.34	35.59	12.29	122.1	16.74	23.07	65.27	65.28	-0.011	83.6	79.87	26.319		0	0	
"2015-05-19	04:00:00"	19.1	121.5	8.84	31.42	11.66	122	16.34	21.87	63.12	63.08	0.045	84.7	80.6	26.302		0	0	
"2015-05-19	05:00:00"	15.26	122.4	8.74	23.66	9.2	123	16.45	17.1	63.05	62.99	0.065	82	78.36	26.293		0	0	
"2015-05-19	06:00:00"	14.74	128.9	8.75	21.87	8.48	130	17.25	15.91	63.2	63.08	0.127	83.4	79.91	26.286		0	0	
"2015-05-19	07:00:00"	16.48	123.7	9.11	24.86	9.93	124	16.59	17.7	63.53	63.38	0.14	85.6	82.1	26.279	0.01755		0	
"2015-05-19	08:00:00"	12.72	152.4	36.44	28.43	7.802	154	40.6	18.89	63.96	63.88	0.079	87.4	83.6	26.279	8.4016		0	
"2015-05-19	09:00:00"	16.2	153.4	10.02	24.86	9.47	156.9	18.33	17.7	66.04	66.19	-0.153	89	85.1	26.287	53.634		0	
"2015-05-19	10:00:00"	17.75	176.3	16.64	30.22	10.46	181	22.4	21.28	68.53	68.58	-0.045	86.5	83.9	26.3	143.89	0.02		
"2015-05-19	11:00:00"	20.82	182.5	10.71	29.03	12.74	187.9	17.42	21.87	72.62	73.38	-0.765	76.4	74.35	26.311	536.49		0	
"2015-05-19	12:00:00"	17.4	193.7	12.58	28.43	11.05	198.5	17.6	20.09	75.6	76.92	-1.32	66.68	65.32	26.332	694.14		0	
"2015-05-19	13:00:00"	12.94	207.7	17.86	22.47	9.08	211.7	19.91	17.1	79.29	80.5	-1.262	52.91	53.93	26.343	891.37		0	
"2015-05-19	14:00:00"	11.06	219.4	20.2	21.87	8.34	223.1	21.7	17.1	82.2	83.1	-0.891	41.78	44.53	26.342	931.69		0	
"2015-05-19	15:00:00"	11.36	228.1	18.74	23.66	8.8	229.9	18.81	21.28	83.7	84.5	-0.87	35.27	38.21	26.336	938.08		0	
"2015-05-19	16:00:00"	13.3	229.8	17.14	23.66	10.4	231.3	18.21	19.49	84.8	85.7	-0.918	27.43	29.91	26.324	884.39		0	
"2015-05-19	17:00:00"	14.26	230.2	16.04	24.86	11	231.3	16.64	21.28	85.4	86.2	-0.857	24.76	26.93	26.301	731.9		0	
"2015-05-19	18:00:00"	12.34	215.4	15.5	22.47	8.72	218.6	17.7	18.3	85.7	86.6	-0.902	25.12	27.41	26.292	603.65		0	
"2015-05-19	19:00:00"	12.16	215.8	14.05	21.28	8.46	218.3	15.73	16.51	85.6	86.2	-0.558	21.3	23.5	26.273	400.2		0	
"2015-05-19	20:00:00"	8.14	245.8	12.73	14.12	6.346	244.2	13.57	11.74	85	84.3	0.69	22.59	25.4	26.266	195.22		0	
"2015-05-19	21:00:00"	4.872	172	13.99	6.964	2.118	145.8	23.94	4.578	80.7	78.42	2.306	31.52	39.08	26.262	30.122		0	
"2015-05-19	22:00:00"	8.33	151.2	9.73	16.51	3.664	140.1	19.74	9.95	73.99	71.1	2.885	53.33	59.04	26.25	0.01658		0	
"2015-05-19	23:00:00"	4.778	155.9	29.45	9.35	1.818	163.1	82	4.578	70.17	68.15	2.017	75.33	76.73	26.249	0		0	
"2015-05-20	00:00:00"	3.245	240.7	14.87	4.578	1.155	283.6	26.9	2.789	69.25	66.81	2.439	79.65	81.5	26.257	0		0	
"2015-05-20	01:00:00"	4.378	197.7	15.12	7.561	1.622	202.2	33.73	3.982	68.26	66.12	2.149	86.6	86.2	26.262	0		0	
"2015-05-20	02:00:00"	5.562	192.2	9.02	8.16	2.086	185	24.59	4.578	67.08	65.22	1.857	91.4	90.6	26.263	0		0	
"2015-05-20	03:00:00"	4.678	189.6	11.24	7.561	1.533	169.7	26.43	3.386	66.06	64.23	1.828	94.2	93	26.262	0		0	
"2015-05-20	04:00:00"	5.462	164.3	8.68	7.561	2.562	160.4	20.91	5.175	66.33	65.52	0.806	94.3	94	26.257	0		0	
"2015-05-20	05:00:00"	5.071	156.5	7.497	7.561	2.063	154.7	15.26	4.578	66.95	66.19	0.764	93.8	93.9	26.262	0		0	
"2015-05-20	06:00:00"	5.843	187	11.05	8.75	2.986	189.5	17.01	6.368	67.75	67.12	0.627	93.3	94.1	26.27	0		0	
"2015-05-20	07:00:00"	7.834	354.6	55.84	18.3	5.482	352.5	54.2	15.31	67.7	67.55	0.147	91.1	90.6	26.302	0.6087		0	
"2015-05-20	08:00:00"	12.65	23.83	10.32	19.49	8.4	23.19	12.68	15.31	63.4	63.66	-0.258	89.7	85.5	26.324	53.664		0	
"2015-05-20	09:00:00"	15.46	27.36	9.76	22.47	9.57	25.96	11.95	20.09	61.67	62.16	-0.487	92.6	87.3	26.34	113.84		0	
"2015-05-20	10:00:00"	16.37	28.8	10.64	23.66	9.63	28.24	12.25	19.49	59.63	60.29	-0.657	93.9	87.7	26.358	161.91		0	
"2015-05-20	11:00:00"	17.77	28.34	10.61	25.45	10.66	27.49	12.19	21.28	58.01	58.7	-0.696	93.1	86.4	26.381	171.27		0	
"2015-05-20	12:00:00"	17.5	26.43	11.8	26.05	10.79	25.89	13.41	22.47	58.08	58.93	-0.848	88.6	82.1	26.39	342.12		0	
"2015-05-20	13:00:00"	18.92	33.45	10.77	27.24	11.03	30.84	12.81	20.68	59.58	60.72	-1.14	82	76	26.406	525.28		0	
"2015-05-20	14:00:00"	18.42	34.93	11.61	27.84	10.67	32.29	13.34	24.26	61.13	62.64	-1.505	77.04	71.47	26.412	714.96		0	
"2015-05-20	15:00:00"	17.45	34.99	13.3	25.45	10.33	32.04	14.49	21.28	61.59	62.98	-1.39	75.03	69.84	26.414	563.21		0	
"2015-05-20	16:00:00"	17.33	38.94	13.07	25.45	10.03	35.65	15.2	20.09	63.08	64.59	-1.501	71.26	66.73	26.413	584.27		0	
"2015-05-20	17:00:00"	17.91	46.21	12.56	26.05	10.21	42.28	15.88	23.66	63.21	64.42	-1.212	70.58	66.38	26.403	384.16		0	
"2015-05-20	18:00:00"	18.49	48.68	11.74	26.05	10.38	44.26	15.74	18.89	62.92	64.11	-1.191	71.12	66.83	26.386	379.19		0	
"2015-05-20	19:00:00"	17.55	50.09	12.76	27.84	9.9	45.71	17.1	18.89	62.04	63.01	-0.968	72.2	67.86	26.386	210.5		0	
"2015-05-20	20:00:00"	17.95	51.57	11.85	26.65	10.31	47.59	16.22	20.09	59.93	60.51	-0.579	75.17	70.47	26.38	87.545		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-20	21:00:00"	18.93	63.17	9.59	26.65	11.55	59.48	17.62	22.47	57.37	57.77	-0.404	80.8	75.19	26.386	12.45		0	
"2015-05-20	22:00:00"	19.35	67.01	9.44	30.82	11.96	62.97	18.15	23.07	55.12	55.46	-0.343	87	80.3	26.391	0		0	
"2015-05-20	23:00:00"	16.72	64.11	9.57	24.86	10.26	60	17.84	18.89	53.66	54.02	-0.355	92.4	85	26.409	0		0	
"2015-05-21	00:00:00"	13.47	55.62	11.42	20.68	7.963	51.97	17.39	16.51	53.02	53.35	-0.324	95.7	88.4	26.432	0		0	
"2015-05-21	01:00:00"	16.4	63.15	9.17	24.26	10.03	60.05	17.13	18.89	52.47	52.74	-0.273	96.5	89.6	26.423	0		0	
"2015-05-21	02:00:00"	14.71	64.64	10.4	23.07	9.02	61.07	18	17.1	52.05	52.34	-0.286	96.9	89.8	26.434	0		0	
"2015-05-21	03:00:00"	14.92	65.1	11.03	23.66	9.09	61.25	18.44	17.1	51.77	52.03	-0.258	97.3	90.6	26.422	0		0	
"2015-05-21	04:00:00"	14.94	63.63	9.77	21.87	9.19	59.67	17.65	18.3	51.63	51.87	-0.243	96.1	89.6	26.414	0		0	
"2015-05-21	05:00:00"	17.13	62.63	9.33	26.65	10.45	58.98	17.56	19.49	50.89	51.15	-0.26	96.9	89.5	26.409	0		0	
"2015-05-21	06:00:00"	16.03	65.04	9.44	26.05	9.91	61.22	17.51	17.7	50.54	50.79	-0.244	97.6	90.6	26.414	0		0	
"2015-05-21	07:00:00"	15.55	64.53	9.33	24.26	9.43	61.63	17.91	17.7	50	50.23	-0.223	96.9	90.1	26.422	0.19219		0	
"2015-05-21	08:00:00"	14.78	65.83	9.75	21.87	9	61.68	18.39	17.7	49.26	49.48	-0.222	97	90.1	26.44	6.9684		0	
"2015-05-21	09:00:00"	16.46	69.96	9.34	24.26	10.05	65.43	18.68	17.7	48.97	49.27	-0.296	96.6	89.7	26.455	38.164		0	
"2015-05-21	10:00:00"	17.57	64.01	11.22	26.65	10.69	60.08	18.4	18.3	48.94	49.38	-0.442	95.9	88.9	26.444	106.68		0	
"2015-05-21	11:00:00"	16.79	69.68	10.59	25.45	10.22	65.8	19.58	18.3	48.7	49.4	-0.701	96	87.9	26.448	129.63		0	
"2015-05-21	12:00:00"	15.94	71.29	10.05	24.86	9.73	67.44	19.42	17.1	48.56	49.33	-0.769	96.6	88.4	26.452	142.42		0	
"2015-05-21	13:00:00"	15.32	72.39	11.26	23.07	9.53	68.02	20.74	17.1	49.22	50.23	-1.014	95	86	26.448	197.8		0	
"2015-05-21	14:00:00"	15.14	72.94	11.78	22.47	9.36	69.16	20.53	15.91	49.54	50.42	-0.877	94	84.9	26.453	129.31		0	
"2015-05-21	15:00:00"	14.61	82.5	10.5	21.28	8.82	81.2	21.79	14.12	50.18	50.96	-0.776	92.9	84.2	26.446	109.59		0	
"2015-05-21	16:00:00"	13.21	88.8	10.14	20.09	8.29	88.2	20.66	15.31	50.49	51.02	-0.532	92.3	84.6	26.427	77.279	0.01		
"2015-05-21	17:00:00"	9.92	84	10.06	15.31	6.08	82.5	20.92	11.74	50.83	51.35	-0.513	94.4	87.6	26.413	85.773		0	
"2015-05-21	18:00:00"	10.68	85.3	9.58	17.1	6.641	83.6	20.36	12.93	51.74	52.27	-0.529	95.2	88.5	26.388	86.639	0.01		
"2015-05-21	19:00:00"	10.28	91.1	10.59	19.49	6.557	90.2	20.44	14.12	52.2	52.51	-0.313	94.4	88	26.383	49.339		0	
"2015-05-21	20:00:00"	10.67	90.9	10.79	18.89	6.867	90.6	19.99	13.52	51.68	51.94	-0.268	96.2	89.5	26.359	21.726		0	
"2015-05-21	21:00:00"	10.14	96.9	10.3	18.3	6.901	97.7	18.5	13.52	51.58	51.81	-0.228	96.7	90.2	26.357	3.5372	0.01		
"2015-05-21	22:00:00"	11.32	95.7	10.6	18.3	7.508	95.7	19.17	13.52	51.64	51.83	-0.186	97.5	90.6	26.349	0		0	
"2015-05-21	23:00:00"	9.89	100.8	10.85	16.51	6.815	101.5	18.91	12.93	52.18	52.35	-0.171	97.5	91.1	26.359	0		0.01	
"2015-05-22	00:00:00"	6.007	100.3	16.18	12.33	4.041	99.3	24.8	8.75	52.58	52.78	-0.198	97.5	91.3	26.381	0		0.03	
"2015-05-22	01:00:00"	4.987	338.2	36.41	8.75	3.96	336.7	31.35	6.964	53.08	53.31	-0.231	97.8	91.6	26.399	0		0.03	
"2015-05-22	02:00:00"	5.546	23.19	42.47	11.14	3.683	20.78	43.17	8.75	53.24	53.46	-0.219	97.7	91.6	26.388	0		0.06	
"2015-05-22	03:00:00"	8.42	73.25	16.59	15.91	5.138	70.51	24.04	11.14	53.25	53.42	-0.177	97.3	91.6	26.355	0		0.03	
"2015-05-22	04:00:00"	5.006	68.2	13.94	8.16	3.144	63.77	20.26	5.771	53.72	53.85	-0.131	96.6	91.5	26.341	0		0.01	
"2015-05-22	05:00:00"	4.01	39.14	22.19	6.368	2.591	34.9	20.81	5.771	54	54.17	-0.161	96.9	91.4	26.347	0		0	
"2015-05-22	06:00:00"	6.018	31.23	10.42	8.16	3.646	29.73	12.05	6.964	54.27	54.42	-0.151	97	91.5	26.348	0		0.01	
"2015-05-22	07:00:00"	6.37	61.48	17.73	11.74	3.903	58.79	23.56	8.75	54.38	54.53	-0.158	97.2	91.6	26.348	0.51708		0	
"2015-05-22	08:00:00"	8.02	86	9.54	13.52	5.006	85	20.79	9.35	54.85	55.05	-0.192	97	91.9	26.359	19.032		0	
"2015-05-22	09:00:00"	7.753	88.9	10.15	12.33	4.906	87.6	20.85	8.75	55.59	55.97	-0.385	96.6	91.8	26.367	67.373		0	
"2015-05-22	10:00:00"	4.675	104.4	17.09	9.35	3.324	106.1	25.24	6.964	56.56	57.07	-0.505	95.9	91.3	26.377	99.379		0	
"2015-05-22	11:00:00"	3.309	106	28.1	5.771	2.368	104.9	39.51	4.578	58.42	58.96	-0.536	93.1	88.4	26.385	143.69		0	
"2015-05-22	12:00:00"	3.184	93	28.51	6.368	2.313	83.4	48.54	5.175	59.89	60.46	-0.575	90.3	85.1	26.401	144.35		0	
"2015-05-22	13:00:00"	4.499	86.7	26.57	9.35	3.257	80.3	35.93	6.964	61.04	61.66	-0.613	88.6	83.7	26.406	178.9		0	
"2015-05-22	14:00:00"	5.77	97.6	21.23	9.35	3.986	96.6	29.88	8.16	61.9	62.62	-0.721	88.1	83	26.401	170.76		0	
"2015-05-22	15:00:00"	6.185	109.6	19.92	11.14	4.405	112.6	28.23	8.75	64.06	65.08	-1.015	84.6	79.56	26.391	351.68		0	
"2015-05-22	16:00:00"	7.536	82.9	16.87	12.93	5.098	79.02	25.47	9.35	65.51	66.75	-1.249	82.7	78.22	26.379	329		0	
"2015-05-22	17:00:00"	9.12	104.6	17.02	14.72	6.336	101.8	24.94	11.74	67.62	68.82	-1.199	78.63	74.97	26.366	417.76		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-22	18:00:00"	9.61	114.2	16.32	16.51	6.58	114.9	24.13	11.74	70.13	71.66	-1.526	72.84	69.78	26.351	563.73		0	
"2015-05-22	19:00:00"	11.63	106	12.96	18.89	7.965	106	20.99	13.52	70.74	71.66	-0.919	73.74	71.34	26.331	331.62		0	
"2015-05-22	20:00:00"	13.63	95.6	10.98	21.28	9.17	94.9	19.62	16.51	69.75	70	-0.255	79.15	76.57	26.318	145.73		0	
"2015-05-22	21:00:00"	15.07	86.3	8.87	23.07	8.99	85.1	19.76	15.91	66.63	66.65	-0.015	88.4	84.9	26.31	12.821		0	
"2015-05-22	22:00:00"	13.66	93.1	9.91	20.68	8.84	92.5	19.25	15.91	65.71	65.82	-0.116	93.2	89.3	26.297	0		0	
"2015-05-22	23:00:00"	12.22	108.9	15.18	19.49	8.01	108.7	21.77	15.31	66.09	66.06	0.03	92.3	89.3	26.3	0		0	
"2015-05-23	00:00:00"	15.86	146	8.82	27.24	9.32	148.2	17.01	19.49	68.52	68.23	0.285	81.9	79.75	26.32	0		0	
"2015-05-23	01:00:00"	12.89	135.3	9.25	20.68	7.814	136.5	16.76	15.31	67.81	67.62	0.184	82.7	80.1	26.318	0		0	
"2015-05-23	02:00:00"	11.03	136.4	9.4	17.1	6.524	138	17.88	12.33	67.64	67.49	0.146	84.7	81.9	26.313	0		0	
"2015-05-23	03:00:00"	11.48	154.5	14.22	21.87	6.815	156.3	20.29	16.51	67.47	67.28	0.194	87.1	84.5	26.298	0		0	
"2015-05-23	04:00:00"	15.11	145.6	10.83	23.66	8.86	147.9	17.8	16.51	67.27	66.98	0.289	88.6	85.9	26.281	0		0	
"2015-05-23	05:00:00"	14.61	144	9.03	21.87	8.41	146	16.83	14.72	66.07	65.73	0.333	91.4	88.7	26.263	0		0	
"2015-05-23	06:00:00"	12.44	146.1	8.23	19.49	7.181	147.5	16.4	14.72	65.33	64.92	0.404	92.2	89.7	26.258	0		0	
"2015-05-23	07:00:00"	9.53	143.4	8.93	15.91	5.258	144.5	17.13	9.35	64.38	63.73	0.658	91.3	89.5	26.253	0.78904		0	
"2015-05-23	08:00:00"	8.38	148.3	9.23	12.33	4.639	150.4	17.51	8.75	64.31	63.76	0.547	88.8	86.8	26.265	54.579		0	
"2015-05-23	09:00:00"	11.23	150.7	9.2	18.89	6.704	153.2	17.25	12.93	66.72	66.91	-0.188	83.5	80.5	26.287	171.24		0	
"2015-05-23	10:00:00"	12.12	162.3	12.29	18.89	7.18	165.9	19.36	14.12	68.8	69.14	-0.347	76.87	74.69	26.31	235.34		0	
"2015-05-23	11:00:00"	13.65	180.9	11.98	21.28	8.32	186	18.08	14.72	70.42	70.76	-0.338	70.14	69.13	26.322	274.96		0	
"2015-05-23	12:00:00"	13	190.9	10.51	20.09	8.32	195.5	16.42	14.72	72.48	73.05	-0.569	65.83	65.53	26.323	422.92		0	
"2015-05-23	13:00:00"	12.07	188.5	14.36	18.3	7.779	193.9	19.92	12.93	76.44	77.71	-1.263	54.19	55.27	26.324	794.93		0	
"2015-05-23	14:00:00"	10.16	205.4	19.56	17.1	7.367	208.8	22.74	13.52	80.1	81.3	-1.159	42.57	45.28	26.325	956.46		0	
"2015-05-23	15:00:00"	11.23	206.4	21.81	18.3	7.791	210.1	24.6	14.12	80.7	81.6	-0.943	39.66	42.97	26.308	594.08		0	
"2015-05-23	16:00:00"	8.55	158.9	16.39	21.28	5.145	159.9	22.22	14.12	76.63	76.73	-0.099	48.75	52.05	26.264	159.1		0	
"2015-05-23	17:00:00"	12.96	144.6	20.38	21.28	7.691	147.5	25.59	13.52	69.31	69.29	0.025	51.65	52.79	26.209	49.949		0	
"2015-05-23	18:00:00"	15.26	156.8	10.63	30.22	9.37	160.4	18.52	22.47	71.49	72.26	-0.77	52.23	52.55	26.191	359.26		0	
"2015-05-23	19:00:00"	16.5	133.4	12.78	30.82	9.73	135.1	20.34	21.28	66.05	66.05	-0.002	66.22	64.7	26.186	20.193		0	
"2015-05-23	20:00:00"	9.67	167.3	23.2	24.86	5.906	172.3	28.97	17.7	66.09	65.9	0.188	61.4	60.96	26.179	45.363		0	
"2015-05-23	21:00:00"	7.211	156.6	19.26	15.31	3.994	161.1	27.94	10.54	63.92	63.47	0.453	66.91	65.98	26.18	19.572		0	
"2015-05-23	22:00:00"	4.989	171.1	14.38	9.35	2.16	172.8	24.64	4.578	61.2	58.76	2.441	74.51	76.45	26.173	0.02483		0	
"2015-05-23	23:00:00"	4.727	137.1	35.02	8.75	2.111	113.6	49.21	4.578	58.78	56.33	2.453	77.85	79.85	26.175	0		0	
"2015-05-24	00:00:00"	6.386	134.3	9.15	9.95	2.756	125.9	20.24	5.771	57.97	55.74	2.23	79.74	80.8	26.183	0		0	
"2015-05-24	01:00:00"	5.401	132.1	12.42	7.561	2.206	119.3	19.5	4.578	57.63	55.9	1.735	83.3	82.3	26.171	0		0	
"2015-05-24	02:00:00"	7.035	148.1	9.08	10.54	3.123	145.2	17.61	6.368	56.98	55.24	1.74	86.8	85.5	26.163	0		0	
"2015-05-24	03:00:00"	6.201	127.1	11.24	13.52	3.215	122.3	20.37	8.75	57.1	56.15	0.946	89	86.4	26.157	0		0	
"2015-05-24	04:00:00"	6.203	197.1	54.7	9.95	3.679	205.1	56.78	7.561	57.76	57.17	0.585	90.2	86.9	26.183	0		0	
"2015-05-24	05:00:00"	5.689	252.4	17.01	8.75	3.678	252.6	20.14	6.368	57.65	57.03	0.623	90.1	87.1	26.186	0		0	
"2015-05-24	06:00:00"	4.38	238.9	22.86	8.16	2.064	226.9	46.58	4.578	57.46	55.6	1.857	89.9	88	26.174	0		0	
"2015-05-24	07:00:00"	3.998	220.8	36.75	8.16	2.045	211.1	76.79	4.578	56.3	53.79	2.512	88.1	88.6	26.153	0.91461		0	
"2015-05-24	08:00:00"	5.396	168.2	22.02	9.95	2.596	153.1	37.68	5.771	55.9	54.09	1.817	86.2	85.4	26.157	64.923		0	
"2015-05-24	09:00:00"	6.663	179.3	12.88	9.95	4.349	183.8	19.58	8.16	60.25	61.05	-0.793	83.3	78.36	26.187	282.34		0	
"2015-05-24	10:00:00"	8.62	227.1	21.67	17.7	6.647	228.9	21.15	14.12	66.95	67.58	-0.629	58.61	58.75	26.223	490.68		0	
"2015-05-24	11:00:00"	15.23	261.6	12.39	24.26	12.09	259.4	14	20.09	72.52	72.84	-0.317	26.95	30.06	26.247	675.85		0	
"2015-05-24	12:00:00"	17.01	278.2	11.56	26.65	13.3	276.5	16.27	23.07	75.19	76.04	-0.851	19.53	21.33	26.264	834.55		0	
"2015-05-24	13:00:00"	16.85	264.4	14.11	28.43	13.27	262.8	16.76	23.07	77.09	78.04	-0.951	16.82	18.23	26.267	930.78		0	
"2015-05-24	14:00:00"	14.99	250.8	15.32	23.66	12.11	249.8	16.53	20.68	78.87	79.64	-0.778	15.66	16.87	26.264	968.89		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-24	15:00:00"	15.17	240.1	18.53	26.65	11.95	240.3	18.87	23.07	80.1	81	-0.856	14.33	15.32	26.255	962		0	
"2015-05-24	16:00:00"	13.63	241.9	18.48	23.66	10.88	241.5	19.56	20.68	80.9	81.8	-0.833	13.91	14.84	26.245	901.97		0	
"2015-05-24	17:00:00"	14.45	236.7	17.63	23.07	11.42	237	17.21	19.49	81.4	82.2	-0.741	12.32	13.04	26.232	783.74		0	
"2015-05-24	18:00:00"	15.27	229.6	16.13	26.05	11.55	230.2	16.61	21.87	81.7	82.3	-0.621	10.83	11.25	26.22	621.01		0	
"2015-05-24	19:00:00"	15.59	218.9	12.75	25.45	11.05	221.1	14.59	18.89	81.2	81.7	-0.495	11.28	11.7	26.214	422.56		0	
"2015-05-24	20:00:00"	12.25	218.8	11.68	21.28	8.53	221.2	14.47	18.3	80.4	79.93	0.495	13.47	14.44	26.207	213.97		0	
"2015-05-24	21:00:00"	7.67	189.5	12.41	11.74	3.353	184.6	22.7	6.964	74.99	72.48	2.508	22.19	27.44	26.202	35.38		0	
"2015-05-24	22:00:00"	7.654	162.1	10.86	9.95	2.933	139.6	15.21	5.175	68.75	63.17	5.584	30.73	41.26	26.171	0.02834		0	
"2015-05-24	23:00:00"	8.16	147.1	6.315	10.54	2.926	132.6	17.37	5.175	66.2	60.56	5.637	35.28	47.19	26.16	0		0	
"2015-05-25	00:00:00"	7.479	149.3	7.525	13.52	2.509	133.7	18.26	6.368	64.61	59.34	5.273	37.95	49.01	26.16	0		0	
"2015-05-25	01:00:00"	3.401	190.3	50.67	6.964	1.526	5.93	99.3	3.386	63.74	59.16	4.575	38.84	48.47	26.149	0		0	
"2015-05-25	02:00:00"	3.063	172.8	18.85	6.964	1.135	293.7	99.1	3.386	62.87	58.74	4.13	43.69	50.93	26.14	0		0	
"2015-05-25	03:00:00"	3.683	219.3	23.63	5.771	1.207	264.4	40.41	2.789	61.73	57.55	4.185	54.46	60.32	26.143	0		0	
"2015-05-25	04:00:00"	2.76	205.1	27.33	5.175	1.194	126.6	99.3	3.386	60.89	58.31	2.575	67.76	69.25	26.144	0		0	
"2015-05-25	05:00:00"	4.894	257.2	28.94	9.35	2.562	275.4	32.36	6.368	62.56	59.95	2.608	65.79	69.99	26.155	0		0	
"2015-05-25	06:00:00"	8.23	296	21.54	15.31	5.891	298.6	26.01	14.12	64.36	63.49	0.872	67.48	67.68	26.172	0		0	
"2015-05-25	07:00:00"	10.94	276.6	30.12	29.63	8.08	274.7	35.03	29.03	66.48	65.36	1.119	52.01	55.2	26.179	0		0	
"2015-05-25	08:00:00"	8.85	4.017	27.55	14.72	6.121	4.088	26.47	12.33	66.06	65.35	0.709	39.43	42.54	26.167	2.4671		0	
"2015-05-25	09:00:00"	5.115	54.79	75.93	11.74	3.372	84.2	78.57	9.35	63.48	62.44	1.042	49.54	52.84	26.195	40.515		0	
"2015-05-25	10:00:00"	10.47	116	20.31	18.89	7.065	117.1	26.71	15.31	64.35	65.6	-1.245	60.45	58.19	26.214	472.68		0	
"2015-05-25	11:00:00"	9.65	96	18.33	20.09	6.527	93.7	29.19	14.12	66.61	68.32	-1.708	54.62	52.79	26.256	653.69		0	
"2015-05-25	12:00:00"	7.09	137	30.54	13.52	5.091	139.7	37.68	11.74	70.56	71.91	-1.354	48.34	47.82	26.291	811.59		0	
"2015-05-25	13:00:00"	8.4	138.3	24.28	17.7	5.964	140.6	32.68	12.33	72.52	74.3	-1.775	44.75	44.7	26.307	909.18		0	
"2015-05-25	14:00:00"	7.502	162	37.16	15.31	5.406	164.9	46.23	11.74	75.5	76.99	-1.493	36.96	38.18	26.31	950.82		0	
"2015-05-25	15:00:00"	7.99	203.4	42.29	18.3	5.886	207.1	45.53	12.33	77.92	79.01	-1.09	31.57	33.13	26.305	944.48		0	
"2015-05-25	16:00:00"	8.4	216.4	34.96	20.09	6.363	219.9	38.07	14.72	78.91	80.1	-1.154	29.49	30.98	26.289	885.62		0	
"2015-05-25	17:00:00"	8.83	223.8	36.38	18.3	6.782	227.6	40.46	15.91	80.4	81.3	-0.895	24.75	26.25	26.277	745.11		0	
"2015-05-25	18:00:00"	9.46	218	20.62	18.3	6.94	221.8	22.56	14.72	81.2	82	-0.824	22.82	24.29	26.266	600.82		0	
"2015-05-25	19:00:00"	9.11	214.3	14.67	16.51	6.699	217.3	16.59	14.12	81.3	81.8	-0.547	20.69	22.12	26.241	414.15		0	
"2015-05-25	20:00:00"	9.95	224.1	17.35	17.1	7.217	225	18.97	14.12	81.3	80.7	0.518	17.6	19.29	26.229	210.94		0	
"2015-05-25	21:00:00"	5.545	143.2	33.75	8.16	2.625	128.6	39.6	4.578	76.47	74.81	1.664	32.04	37.18	26.236	36.745		0	
"2015-05-25	22:00:00"	7.73	120.8	12.12	11.14	3.456	115	23.13	7.561	69.29	66.64	2.654	47.95	53.27	26.217	0.03467		0	
"2015-05-25	23:00:00"	6.65	147.8	9.21	8.75	2.615	121.3	25.62	3.982	68.14	63.06	5.083	43.82	55.93	26.209	0		0	
"2015-05-26	00:00:00"	6.537	155.6	17.09	8.75	2.733	125.9	25.6	3.982	67.3	61.36	5.936	41.96	55.81	26.215	0		0	
"2015-05-26	01:00:00"	4.92	230.8	47.97	10.54	2.598	235.2	78.95	8.16	64.35	61.08	3.27	44.52	51.39	26.209	0		0	
"2015-05-26	02:00:00"	9.57	315.6	17.84	14.72	6.401	316.8	19.36	11.14	64.15	62.25	1.897	43.7	47.52	26.223	0		0	
"2015-05-26	03:00:00"	6.589	316.7	18.17	12.93	3.716	313.1	33.73	9.95	63.08	60.81	2.266	50.8	54.24	26.235	0		0	
"2015-05-26	04:00:00"	5.902	328.7	20.36	8.75	2.53	329.4	37.18	5.771	61.33	57.97	3.366	55.46	60.66	26.226	0		0	
"2015-05-26	05:00:00"	6.037	322.9	17.77	8.75	3.018	325	24.68	5.771	59.8	56.94	2.86	59.6	63.45	26.231	0		0	
"2015-05-26	06:00:00"	4.733	355	15.21	6.368	1.905	349.2	31.06	3.982	58.53	55.34	3.192	62.3	66.99	26.241	0		0	
"2015-05-26	07:00:00"	4.391	74.62	63.11	11.14	2.431	125.4	76.48	6.964	57.96	52.67	5.29	62.31	71.76	26.253	2.1466		0	
"2015-05-26	08:00:00"	2.266	289.6	53.27	4.578	1.411	279.9	49.32	3.982	58.53	55.66	2.875	64.25	69	26.273	90.359		0	
"2015-05-26	09:00:00"	1.963	243.3	24.52	4.578	1.358	247.9	26.47	3.386	65.95	66.33	-0.379	53.33	52.95	26.313	280.55		0	
"2015-05-26	10:00:00"	2.829	269.6	44.1	9.35	2.188	262.9	56.89	6.964	71.75	73.05	-1.297	38.05	39.5	26.36	483.79		0	
"2015-05-26	11:00:00"	5.07	328.1	41.22	9.95	4.042	327.7	43.21	8.75	75.44	76.59	-1.148	31.78	33.86	26.386	660.78		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-26	12:00:00"	5.012	273.5	63.02	14.12	4.109	274.7	69.69	12.33	79.59	80.2	-0.621	28.03	30.32	26.406	814.01		0	
"2015-05-26	13:00:00"	8.38	210.7	29.11	16.51	6.411	215.9	30.48	12.93	80.4	81.5	-1.07	28.6	30.16	26.417	825.32		0	
"2015-05-26	14:00:00"	10.29	218.8	21.51	20.09	7.836	222	22.48	15.31	81.8	82.8	-1.007	26.5	28.13	26.411	855.56		0	
"2015-05-26	15:00:00"	10.08	210.5	28.3	21.28	7.459	214.4	27.31	18.89	83.7	85	-1.319	22.61	23.92	26.401	914.62		0	
"2015-05-26	16:00:00"	10.61	238.8	23.68	19.49	8.57	239.6	23.69	16.51	84.8	85.7	-0.933	19.78	20.96	26.393	861.79		0	
"2015-05-26	17:00:00"	11.37	239.9	20.25	21.87	9.17	241.1	20.04	20.68	85.2	85.9	-0.674	18.17	19.29	26.383	670.27		0	
"2015-05-26	18:00:00"	8.89	237.3	28.51	17.1	6.89	237.3	29.81	13.52	85.5	86.2	-0.667	17.43	18.55	26.375	504.36		0	
"2015-05-26	19:00:00"	3.885	238.7	52.1	9.35	3.062	237.4	57.2	9.35	84.7	84.7	-0.054	17.73	19.5	26.359	237.3		0	
"2015-05-26	20:00:00"	3.069	62.29	47.91	5.771	2.154	58.09	51.87	4.578	85.8	84.4	1.351	16.92	19.57	26.349	197.8		0	
"2015-05-26	21:00:00"	4.505	65.99	23.86	8.16	2.455	70.17	28	4.578	81.5	79.44	2.028	21.97	28.15	26.344	37.528		0	
"2015-05-26	22:00:00"	7.301	93.4	4.439	8.75	3.075	85.5	14.51	4.578	74.01	68.59	5.423	31.09	43.24	26.319	0.06075		0	
"2015-05-26	23:00:00"	8.85	96.1	6.867	10.54	3.707	86.5	16.36	5.771	71.23	66.51	4.715	35.14	44.68	26.307	0		0	
"2015-05-27	00:00:00"	8.61	114.2	8.59	11.14	3.805	104.5	19.17	6.368	68.97	64.66	4.308	40.32	48.96	26.311	0		0	
"2015-05-27	01:00:00"	9.5	139.3	12.42	15.31	4.615	138	19.4	9.35	68.76	66.62	2.137	49.24	52.02	26.318	0		0	
"2015-05-27	02:00:00"	5.18	157.8	7.966	8.16	1.741	150.8	21.32	4.578	65.43	63.34	2.087	75.6	75.1	26.321	0		0	
"2015-05-27	03:00:00"	4.459	185.7	18.44	6.368	1.133	206.8	34.73	2.193	64.59	62.33	2.265	89	87	26.31	0		0	
"2015-05-27	04:00:00"	7.942	182.9	7.519	12.93	4.041	187.3	15.43	8.16	66.63	65.37	1.265	91.8	91.3	26.318	0		0	
"2015-05-27	05:00:00"	5.761	195.8	14.01	9.35	2.843	204.7	22.84	6.368	66.73	65.87	0.861	92.7	91.1	26.334	0		0	
"2015-05-27	06:00:00"	3.27	187.7	9.32	5.175	1.241	164.5	57.81	2.193	65.62	63.83	1.789	95.4	92.9	26.338	0		0	
"2015-05-27	07:00:00"	2.614	113.1	35.5	5.771	2.019	60.33	10.13	3.386	64.63	63.12	1.504	96.8	93.6	26.34	1.6102		0	
"2015-05-27	08:00:00"	5.506	109.9	18.86	13.52	3.221	98.1	30.28	8.75	65.12	64.78	0.345	97.2	100	26.362	26.977		0	
"2015-05-27	09:00:00"	9.21	115.3	15.63	16.51	5.896	114.7	22.12	11.74	67.5	67.53	-0.032	94.4	99.5	26.396	139.14		0	
"2015-05-27	10:00:00"	12.04	149.1	14.8	17.7	7.368	152.7	21.24	13.52	71.1	71.73	-0.633	81.9	81.5	26.421	225.2		0	
"2015-05-27	11:00:00"	12.11	158.8	15.39	17.1	7.617	162.1	22.07	12.93	74.06	75.4	-1.346	71.25	68.71	26.435	487.56		0	
"2015-05-27	12:00:00"	11.5	169.1	17.83	18.3	7.597	173.7	23.69	13.52	77.8	79.65	-1.852	63.42	61.28	26.445	810.01		0	
"2015-05-27	13:00:00"	11.92	156.5	18.12	18.89	7.583	160.2	25.02	14.72	81.1	83.4	-2.238	56.14	55.03	26.448	900.28		0	
"2015-05-27	14:00:00"	11.59	172.5	16.99	18.3	7.607	177.9	24.38	14.72	84.1	86.2	-2.138	48.76	48.88	26.447	933.91		0	
"2015-05-27	15:00:00"	10.66	163.1	21.01	20.09	7.147	166.8	27.45	14.72	87.1	89.1	-2.031	40.11	41.64	26.435	924.88		0	
"2015-05-27	16:00:00"	11.66	154.3	22.74	19.49	7.507	158	28.31	15.31	88.4	90.5	-2.12	35.68	37.42	26.42	769.47		0	
"2015-05-27	17:00:00"	12.75	155.3	20.23	23.07	8.02	158.5	26.48	16.51	89.5	91.3	-1.88	30.55	32.51	26.406	586.76		0	
"2015-05-27	18:00:00"	13.01	146.5	12.6	23.07	7.913	150.6	20.26	15.91	88.1	89.3	-1.264	32.27	34.69	26.38	418.99		0	
"2015-05-27	19:00:00"	15.48	133.7	10.24	25.45	9.4	136	18.41	18.3	86.7	87.4	-0.695	35.81	38.59	26.354	280.03		0	
"2015-05-27	20:00:00"	13.09	143.8	15.29	25.45	7.748	146.5	21.16	16.51	82.3	82.1	0.162	43.96	46.58	26.349	17.487		0	
"2015-05-27	21:00:00"	20.05	155.5	29.25	50.5	11.56	158.2	35.52	34.4	77.26	74.72	2.539	36.18	44.59	26.33	4.1042	0.02		
"2015-05-27	22:00:00"	12.4	120.9	14.1	18.89	6.901	122.7	21.57	12.93	74.1	72.37	1.728	37.45	43.23	26.325	0.0593		0	
"2015-05-27	23:00:00"	12.37	117.5	10.77	20.09	7.058	119.6	18.22	14.12	73.66	72.39	1.275	39.09	43.07	26.332	0		0	
"2015-05-28	00:00:00"	11.19	150.5	9.15	16.51	5.979	154.1	17.18	11.74	71.6	70.37	1.236	50.98	53.95	26.339	0		0	
"2015-05-28	01:00:00"	10.49	170.4	9.57	16.51	5.434	174.8	17.58	11.74	71.24	70.2	1.046	71.08	71.14	26.328	0		0	
"2015-05-28	02:00:00"	7.845	192.6	10.74	14.12	4.01	199	16.34	8.75	69.63	68.36	1.273	80.1	80.1	26.313	0		0	
"2015-05-28	03:00:00"	9.54	198	9.64	15.31	5.539	203.6	14.84	9.95	68.41	67.43	0.976	81.6	81	26.31	0		0	
"2015-05-28	04:00:00"	7.781	212.4	7.95	11.74	4.521	216.9	11.65	8.16	66.87	66.07	0.797	86.7	84.8	26.31	0		0	
"2015-05-28	05:00:00"	5.486	128.1	80.5	9.95	3.117	114.2	87	7.561	66.15	65.52	0.631	89.1	87.2	26.321	0		0	
"2015-05-28	06:00:00"	5.84	76.8	14.63	9.95	3.376	71.97	22.11	6.964	67.14	66.85	0.292	87.7	85.6	26.334	0		0	
"2015-05-28	07:00:00"	8.83	126.2	24.85	15.31	5.275	128.1	29.99	11.74	68.39	68.18	0.213	85.9	83.6	26.351	0.46662		0	
"2015-05-28	08:00:00"	9.3	123.2	16.97	15.91	5.759	125.3	22.55	10.54	69.02	68.96	0.055	85.3	82.6	26.361	21.515		0	

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-28	09:00:00"	8.66	106.7	14.13	15.91	5.656	106.5	21.42	11.14	69.48	69.66	-0.183	84.2	81.2	26.363	58.269	0		
"2015-05-28	10:00:00"	12.64	143.5	9.95	21.87	7.539	147.1	17.28	15.31	71.18	71.49	-0.312	80.6	78.01	26.372	107.99	0		
"2015-05-28	11:00:00"	14.51	148.5	10.89	21.28	8.72	152.4	18.52	16.51	72.8	73.6	-0.794	76.18	73.53	26.379	246.85	0		
"2015-05-28	12:00:00"	14.65	153.9	14.67	24.26	9.17	159.2	21.5	15.91	75.84	77.36	-1.52	69.17	66.78	26.395	550.44	0		
"2015-05-28	13:00:00"	13.18	166.4	16.5	21.87	7.955	170.8	22.56	15.91	76.05	76.91	-0.87	67.16	66.14	26.396	254.74	0.01		
"2015-05-28	14:00:00"	8.22	184.4	59.09	19.49	5.101	188.4	61.37	13.52	72.02	71.41	0.612	81.4	82.2	26.342	76.022	0.06		
"2015-05-28	15:00:00"	8.97	184.8	54.34	21.87	5.612	188.1	58.72	18.89	73.3	72.68	0.622	79.35	81.1	26.3	116.25	0.01		
"2015-05-28	16:00:00"	10.6	190.9	15.14	20.68	6.656	196.5	19.18	17.1	75.5	75.43	0.074	73.68	74.51	26.302	215.68	0		
"2015-05-28	17:00:00"	6.511	117.4	46.73	12.93	3.465	113.4	53.66	8.75	74.21	73.86	0.343	75.98	76.69	26.283	57.059	0		
"2015-05-28	18:00:00"	7.83	129.8	20.91	13.52	4.205	131.4	26.27	8.75	73.76	73.16	0.6	76.2	77.21	26.276	38.164	0		
"2015-05-28	19:00:00"	12.16	101.9	56.28	31.42	7.494	98.8	66.02	26.05	73.71	72.98	0.738	62.88	65.73	26.226	40.574	0		
"2015-05-28	20:00:00"	16.53	73.64	13.91	28.43	10.02	71.35	21.77	21.87	66.4	66.36	0.036	78.24	75.92	26.228	39.052	0		
"2015-05-28	21:00:00"	15.35	47.6	12.07	28.43	8.46	44.71	15.78	19.49	64.87	64.75	0.121	80.2	77.42	26.252	23.748	0		
"2015-05-28	22:00:00"	18.4	69.41	9.01	28.43	11.23	66.33	18.66	20.68	61.24	61.18	0.059	86.9	82.5	26.251	0.12412	0.01		
"2015-05-28	23:00:00"	15.67	68.3	29.5	29.03	9.71	66.46	33.82	24.86	60.22	60.08	0.14	86.1	81.9	26.274	0	0		
"2015-05-29	00:00:00"	16.89	70.22	13	26.65	9.84	66.88	21.29	17.7	61.23	60.94	0.284	80.5	77.27	26.287	0	0		
"2015-05-29	01:00:00"	10.62	105.9	35.3	19.49	6.202	106.1	43.32	12.93	60.46	60.04	0.419	82.9	79.48	26.268	0	0		
"2015-05-29	02:00:00"	6.418	118.2	23.05	11.14	3.689	116.4	33.36	6.964	59.39	58.72	0.676	86.1	83	26.262	0	0		
"2015-05-29	03:00:00"	4.648	187.2	29.83	6.964	1.929	197.7	37.85	3.982	58.21	56.87	1.341	89	86.1	26.247	0	0		
"2015-05-29	04:00:00"	5.071	229	18.62	9.35	2.665	240.1	28.92	6.368	57.23	56.05	1.187	91.5	89	26.233	0	0		
"2015-05-29	05:00:00"	5.265	193.2	66.91	23.07	2.435	214.7	88.5	14.12	57.66	55.42	2.239	88.7	89	26.229	0	0		
"2015-05-29	06:00:00"	7.089	61.44	52.69	14.12	4.041	58.99	61.5	9.35	59.43	58.25	1.183	81.8	80.7	26.259	0	0		
"2015-05-29	07:00:00"	7.718	30.11	14.32	11.74	4.32	32.43	17.27	11.74	58.39	57.77	0.616	81.8	78.77	26.266	1.2304	0		
"2015-05-29	08:00:00"	8.89	45.87	17.5	14.12	4.983	44.04	20.93	10.54	58.25	57.83	0.417	82.7	79.19	26.268	85.131	0		
"2015-05-29	09:00:00"	10.54	45.22	11.36	18.89	5.918	41.3	14.72	12.93	61.89	62.48	-0.596	78.13	74.58	26.298	276.32	0		
"2015-05-29	10:00:00"	8.95	54.21	14.96	15.31	5.333	48.69	19.81	11.74	66	67.36	-1.365	69.47	67.12	26.343	474.44	0		
"2015-05-29	11:00:00"	6.6	68.63	28.02	11.14	4.532	64.61	35.7	10.54	70.94	72.52	-1.574	60.3	59.76	26.364	650.65	0		
"2015-05-29	12:00:00"	6.496	62.11	29.34	11.74	4.493	58.71	37.34	9.35	74.32	75.65	-1.334	55.1	56	26.371	806.5	0		
"2015-05-29	13:00:00"	5.098	49.05	50.26	11.74	3.758	43.26	54.89	9.95	78.59	79.66	-1.077	47.7	50.4	26.387	900.96	0		
"2015-05-29	14:00:00"	5.208	40.83	66.68	12.93	3.923	33.22	67.74	9.35	82	83	-1.023	42.3	45.75	26.396	937.5	0		
"2015-05-29	15:00:00"	5.652	69.18	55.18	14.12	4.23	61.72	64.27	11.14	84.7	86	-1.247	38.1	41.43	26.389	932.28	0		
"2015-05-29	16:00:00"	6.705	82.7	40.66	14.12	4.878	79.05	53.09	11.74	85.8	87.1	-1.357	36.72	39.81	26.384	869.94	0		
"2015-05-29	17:00:00"	8.13	93	37.44	15.91	5.826	93.9	46.59	12.93	85.7	87.2	-1.473	36.14	38.75	26.373	753.36	0		
"2015-05-29	18:00:00"	10.79	98	21.71	19.49	7.289	98.8	29.33	13.52	85	86.6	-1.566	39.15	41.52	26.363	575.81	0		
"2015-05-29	19:00:00"	11.02	106.1	16.7	18.3	7.378	106.7	25.4	14.12	84	85.2	-1.193	41.12	43.39	26.358	403.62	0		
"2015-05-29	20:00:00"	11.73	114.2	12.37	18.89	7.545	115.9	19.65	13.52	82.5	82.6	-0.126	43.79	46.52	26.353	202.93	0		
"2015-05-29	21:00:00"	10.81	117.9	8.39	17.1	6.485	119.9	16.36	13.52	78.51	78.13	0.374	52.66	54.84	26.343	37.101	0		
"2015-05-29	22:00:00"	7.916	81.8	25.25	11.74	4.461	78.6	30.28	7.561	74.33	73.41	0.912	62.18	63.86	26.347	0.0874	0		
"2015-05-29	23:00:00"	9.46	56.97	12.71	14.12	5.41	54.51	19.2	9.95	71.97	71.56	0.406	71.86	71.1	26.37	0	0		
"2015-05-30	00:00:00"	13.12	46.68	23.57	22.47	8.03	44.06	25.68	15.91	72.3	72.14	0.162	68.59	67.94	26.397	0	0		
"2015-05-30	01:00:00"	9.3	74.12	14.68	15.31	5.461	73.76	23.24	10.54	70.1	69.59	0.512	61.44	62.15	26.373	0	0		
"2015-05-30	02:00:00"	11.43	99.7	11.65	17.7	7.462	99.3	19.88	14.12	65.28	65.2	0.084	67.78	65.89	26.386	0	0		
"2015-05-30	03:00:00"	10.03	84.3	12.91	17.1	5.983	82.7	21.47	13.52	61.83	61.59	0.239	70.5	68.04	26.378	0	0		
"2015-05-30	04:00:00"	12.09	50.46	14.72	21.28	6.706	47.41	18.79	13.52	60.41	60.4	0.019	78.67	74.73	26.389	0	0		
"2015-05-30	05:00:00"	16.36	7.745	21.33	29.03	11.72	7.588	23.23	24.86	61.88	61.83	0.054	73.75	70.83	26.422	0.00056	0		

WCS Meteorological Data
Tower 1 2010 to 2015

TOA5	Tower 1	60_min_avg																	
TIMESTAMP	RECORD	Wspeed10_	Wdir10_D1	Wdir10_SD	Wspeed10_	Wspeed2_	Wdir2_D1_	Wdir2_SD1	Wspeed2_	IAT10_AVG	AT2_AVG	RH10_AVG	RH2_AVG	RNhr	SR_AVG	BP_AVG	EVlevhr	EVdif_hr	BATT
"2015-05-30	06:00:00"	11.92	340.7	17.5	18.89	9.14	341.2	18.79	15.91	60.53	60.21	0.316	78.82	76.69	26.482	0.00093	0.05		
"2015-05-30	07:00:00"	13.6	40.31	19.29	23.07	8.25	38.81	20.86	15.91	60.26	59.69	0.569	78.33	76.82	26.476	0.00187	0.1		
"2015-05-30	08:00:00"	18.06	91.2	15.49	27.84	11	91.9	23.12	20.68	59.87	59.08	0.792	79.4	78.46	26.433	1.7688	0.02		
"2015-05-30	09:00:00"	13.24	53.81	84.1	27.24	9.18	48.65	84.7	21.28	61.42	60.88	0.541	74.38	73.19	26.439	33.751	0		
"2015-05-30	10:00:00"	9.66	7.71	20.21	19.49	6.643	6.717	20.78	14.72	62.79	62.65	0.14	73.77	72.3	26.495	146.59	0		
"2015-05-30	11:00:00"	12.95	36.78	10.92	18.89	7.42	33.77	12.3	14.72	64.97	65.64	-0.669	72.25	70.17	26.506	515.56	0		
"2015-05-30	12:00:00"	12.86	36.39	12.38	19.49	7.546	33.58	13.52	17.7	67.22	68.41	-1.183	69.94	68.2	26.522	796.9	0		
"2015-05-30	13:00:00"	11.55	35.42	14.81	18.89	7.069	33.54	17.81	15.31	69.21	70.62	-1.408	63.85	62.93	26.529	775.82	0		
"2015-05-30	14:00:00"	10.79	35.92	18.99	17.1	6.903	33.02	20.91	13.52	70.64	72.2	-1.56	60.07	59.51	26.54	718.87	0		
"2015-05-30	15:00:00"	9.97	43.94	20.74	18.3	6.365	40.22	23.89	13.52	71.99	73.39	-1.401	56.9	56.89	26.538	625.54	0		
"2015-05-30	16:00:00"	9.87	72.75	22.99	18.3	6.514	70.45	30.36	12.93	73.64	75.21	-1.572	53.92	54.13	26.531	555.99	0		
"2015-05-30	17:00:00"	9.89	78.14	17.96	18.89	6.476	76.12	27.01	15.31	74.14	75.7	-1.567	51.86	52.32	26.524	492.96	0		
"2015-05-30	18:00:00"	10.53	74.69	16.68	18.3	6.738	70.51	24.52	14.12	74.59	75.98	-1.388	50.91	51.64	26.51	457.26	0		
"2015-05-30	19:00:00"	10.88	85.9	16.73	21.28	7.032	84.5	25.61	15.91	74.26	75.28	-1.027	52.68	53.23	26.491	325.2	0		
"2015-05-30	20:00:00"	13.24	81.8	10.89	21.28	8.13	81.3	21.22	16.51	72.77	73.22	-0.452	60.21	59.9	26.485	213.61	0		
"2015-05-30	21:00:00"	10.33	87.7	8.73	17.7	6.323	87.3	18.98	12.93	69.39	69.35	0.031	69.88	68.5	26.481	28.166	0		
"2015-05-30	22:00:00"	7.634	93.7	7.617	11.74	4.548	93.8	17.53	8.75	65.45	64.96	0.49	79.68	77.43	26.476	0.1332	0		
"2015-05-30	23:00:00"	7.583	103.2	8.77	11.74	4.844	102.9	17.37	8.75	63.25	62.82	0.421	86.4	83	26.482	0	0		
"2015-05-31	00:00:00"	6.356	101.5	10.03	9.95	3.955	100	17.9	7.561	61.72	61.43	0.282	91	87	26.498	0	0		
"2015-05-31	01:00:00"	6.657	98.3	8.86	10.54	4.287	96.9	17.45	6.964	60.71	60.44	0.274	92.4	88.6	26.492	0	0		
"2015-05-31	02:00:00"	5.361	105.5	11.26	8.75	3.137	104.1	18.82	6.368	59.66	59.33	0.337	94.1	90	26.488	0	0		
"2015-05-31	03:00:00"	5.546	106.1	11.79	9.35	3.529	103.8	18.99	6.368	59.6	59.42	0.174	94.3	90.8	26.488	0	0		
"2015-05-31	04:00:00"	3.576	137.8	25.14	6.368	1.652	129.7	41.65	4.578	59.1	58.6	0.501	94.9	90.9	26.478	0	0		
"2015-05-31	05:00:00"	1.617	186.4	55.51	3.386	1.077	321	99.1	2.193	58.3	57.16	1.14	96.3	91.8	26.465	0	0		
"2015-05-31	06:00:00"	1	290.2	61.56	1	1.053	14.52	73.87	2.193	58.04	56.2	1.845	97.2	92.4	26.451	0	0		
"2015-05-31	07:00:00"	2.36	26.88	23.62	5.175	1.482	41.46	31.82	3.982	57.28	55.75	1.534	97.5	92.5	26.447	2.1926	0		
"2015-05-31	08:00:00"	3.803	74.41	14.22	6.368	2.219	85.2	22.38	4.578	57.55	56.9	0.641	97.4	92.3	26.46	24.902	0		
"2015-05-31	09:00:00"	3.697	123.1	14.59	6.368	2.574	125.5	22.16	4.578	59.73	59.93	-0.195	96.3	92.7	26.485	59.428	0		
"2015-05-31	10:00:00"	4.644	186.5	31.19	8.75	3.218	191.8	35.89	6.368	61.53	61.66	-0.132	90.6	89.9	26.502	125.42	0		
"2015-05-31	11:00:00"	3.941	240.6	39.08	8.16	3.122	243.5	41.25	7.561	64.07	64.37	-0.308	82.7	79.37	26.513	220.39	0		
"2015-05-31	12:00:00"	4.449	226.5	64.93	9.95	3.552	232.3	67.43	8.75	69.1	69.42	-0.32	69.52	68.02	26.525	602.55	0		
"2015-05-31	13:00:00"	4.547	215.9	62.78	11.74	3.665	225.3	69.18	9.35	73.59	73.84	-0.246	58.45	58.81	26.54	851.4	0		
"2015-05-31	14:00:00"	7.454	182.3	32.17	13.52	5.443	187.4	39.28	11.14	74.96	76.27	-1.31	54.64	53.97	26.53	936.52	0		
"2015-05-31	15:00:00"	7.859	193.1	27.19	15.31	5.815	201	32.5	11.74	76.87	78.14	-1.277	51.72	51.55	26.516	925.64	0		
"2015-05-31	16:00:00"	8.75	177.5	31.63	17.1	6.003	184.2	37.31	12.33	79.2	80.8	-1.59	45.47	46.26	26.497	868.89	0		
"2015-05-31	17:00:00"	8.89	172.8	27.96	17.7	6.116	176.1	35.25	12.33	80.7	82.2	-1.482	39.41	41.15	26.477	757.87	0		
"2015-05-31	18:00:00"	9.8	179.7	18.69	17.1	6.426	186.3	24.9	12.93	80.9	82.4	-1.468	36.72	38.7	26.454	566.36	0		
"2015-05-31	19:00:00"	10.94	171	15.06	15.91	6.89	176.5	20.84	12.33	81.1	82.2	-1.131	34.34	36.47	26.443	421.6	0		
"2015-05-31	20:00:00"	11.72	173	10.31	18.89	6.842	177.7	17.9	12.93	79.67	79.82	-0.151	38.18	40.84	26.434	203.5	0		
"2015-05-31	21:00:00"	7.911	179	7.533	14.12	3.863	181	15.49	9.35	74.73	73.9	0.835	51.06	53.83	26.43	27.357	0		
"2015-05-31	22:00:00"	6.736	166.2	10.72	8.75	2.408	158.8	17.68	4.578	69.44	66.78	2.669	64.69	69.02	26.406	0.08799	0		
"2015-05-31	23:00:00"	6.712	147.6	7.786	8.75	2.517	135.4	16	3.982	66.72	64.08	2.647	72.23	75.61	26.389	0	0		

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-01	00:00:00"	4.405	237.6	48.83	6.964	2.384	229.4	77.43	4.578	30.47	26.42	4.054	78.28	88.6	26.784	0	0
"2010-01-01	01:00:00"	5.306	224.7	26.88	9.95	2.63	230.9	55.96	6.368	29.76	26.78	2.986	80.3	88.4	26.774	0	0
"2010-01-01	02:00:00"	5.627	225.6	16.2	9.95	2.791	222.3	24.92	5.771	26.92	25.31	1.608	82.3	89.3	26.762	0	0
"2010-01-01	03:00:00"	7.688	221.2	8.77	10.54	4.425	222.3	12.74	8.16	26.19	25.18	1.015	82.9	89.4	26.751	0	0
"2010-01-01	04:00:00"	8.29	243.7	12.29	11.74	5.339	246.4	14.03	8.75	25.72	25.2	0.523	83.9	89.6	26.739	0	0
"2010-01-01	05:00:00"	7.429	243.4	5.598	11.14	4.886	246.9	8.59	8.16	25.83	25.07	0.755	84	89.7	26.737	0	0
"2010-01-01	06:00:00"	6.489	237.9	5.706	10.54	3.36	240.9	8.92	6.368	26.18	24.76	1.416	84.3	90.1	26.714	0	0
"2010-01-01	07:00:00"	6.267	242	9.65	9.95	3.563	245.1	12.04	6.368	26.41	25.5	0.915	84.2	89.9	26.698	0	0
"2010-01-01	08:00:00"	7.445	224.9	6.767	11.14	4.348	226.8	9.53	7.561	25.77	25.01	0.76	84.4	90.1	26.684	1.5502	0
"2010-01-01	09:00:00"	8.29	228.2	6.88	12.33	5.737	232.6	9.44	9.35	26.34	26.08	0.262	84.5	90.3	26.683	88.915	0
"2010-01-01	10:00:00"	10.07	219.1	7.144	15.31	7.76	220	10.35	12.93	29.79	30.18	-0.384	83.3	89.1	26.696	244.7	0
"2010-01-01	11:00:00"	12.9	216.1	6.968	17.1	10.04	218	10.99	14.12	33.99	34.87	-0.878	77.11	81.7	26.704	429	0
"2010-01-01	12:00:00"	12.1	213.7	10.98	17.1	9.75	214.1	14.35	14.72	39.53	40.69	-1.155	59.06	61.96	26.699	546.44	0
"2010-01-01	13:00:00"	12.51	221.5	14.75	20.09	10.35	222.6	17.57	16.51	43.03	44.35	-1.322	46.47	48.81	26.676	605.9	0
"2010-01-01	14:00:00"	13.32	220.1	12.51	21.28	10.83	220.8	15.51	18.3	45.91	47.4	-1.491	40.95	42.76	26.64	590.49	0
"2010-01-01	15:00:00"	12.75	214.2	11.71	19.49	10.26	214.2	15.76	16.51	49.55	50.88	-1.331	34.5	35.93	26.607	537.12	0
"2010-01-01	16:00:00"	12.64	216.1	12.29	18.89	10.13	216.2	15.23	17.7	52	53.08	-1.081	30.19	31.72	26.59	413.53	0
"2010-01-01	17:00:00"	10.99	216.9	10.33	17.1	8.62	217.6	13.47	14.72	52.4	52.99	-0.589	29.58	31.49	26.581	249.13	0
"2010-01-01	18:00:00"	6.099	219.6	19.28	9.95	4.364	214	29.85	9.35	51.94	51.26	0.682	30.84	34.32	26.582	69.76	0
"2010-01-01	19:00:00"	5.076	141.6	23.9	8.16	3.349	105.2	34.19	4.578	49.81	46.54	3.268	32.24	39.34	26.59	0.57717	0
"2010-01-01	20:00:00"	8.38	123.5	4.561	11.14	4.76	96.2	8.4	6.368	46.11	41.22	4.885	35.22	48.08	26.6	0	0
"2010-01-01	21:00:00"	9.26	127.6	7.268	11.74	4.989	114.4	12.88	6.964	43.09	39.33	3.761	36.86	49.11	26.596	0	0
"2010-01-01	22:00:00"	8.47	129.7	8.87	11.74	4.632	112.3	18.91	7.561	40.37	37.36	3.006	39.66	51.1	26.598	0	0
"2010-01-01	23:00:00"	8.05	146.5	21.6	12.33	4.922	135.2	40.2	9.35	39.6	37.44	2.161	40.8	50.02	26.601	0	0
"2010-01-02	00:00:00"	4.448	192.4	13.08	9.35	2.507	212.4	28.04	7.561	37.37	35.81	1.557	47.13	54.42	26.599	0	0
"2010-01-02	01:00:00"	2.661	191.6	22.16	4.578	1	248.4	53.67	1	37.68	36.5	1.186	48.44	53.84	26.588	0	0
"2010-01-02	02:00:00"	4.068	142.9	15.32	6.964	2.446	92.4	27.82	4.578	36.61	33.34	3.267	52.84	61.98	26.568	0	0
"2010-01-02	03:00:00"	5.046	168.1	9.55	7.561	2.375	134.6	10.32	3.982	35.95	31.88	4.068	57.04	69.21	26.56	0	0
"2010-01-02	04:00:00"	4.088	170.4	22.11	5.771	1.79	116.7	45.05	3.386	35.98	31.83	4.146	59.33	71.11	26.554	0	0
"2010-01-02	05:00:00"	4.652	102.8	39.59	9.95	3.309	45.75	12.41	6.964	33.85	27.41	6.445	64.34	79.2	26.545	0	0
"2010-01-02	06:00:00"	7.216	24.58	7.939	9.95	4.987	25.18	11.4	8.16	25.97	24.78	1.186	75.45	83.5	26.543	0	0
"2010-01-02	07:00:00"	7.263	34.04	4.313	8.75	4.878	31.73	8.55	6.368	26.47	24.61	1.861	75.11	83.7	26.542	0	0
"2010-01-02	08:00:00"	7.271	39.38	5.172	8.75	4.636	36.16	8.07	6.368	25.77	23.93	1.847	76.03	84.6	26.543	1.1222	0
"2010-01-02	09:00:00"	6.638	62.97	10.17	9.35	4.704	56.86	11.68	6.964	26.58	26.1	0.484	77.08	84.4	26.55	83.367	0
"2010-01-02	10:00:00"	4.257	76.12	24.92	6.368	3.714	71.77	27.19	5.771	32.81	33.29	-0.484	73.1	77.76	26.565	259.89	0
"2010-01-02	11:00:00"	4.572	123.5	23.65	8.16	4.006	122.6	26.35	6.964	36.95	37.43	-0.478	64.77	68.45	26.562	420.67	0
"2010-01-02	12:00:00"	5.024	147.9	30	10.54	4.364	144.8	31.45	8.75	40.82	41.46	-0.64	57.28	60.31	26.551	538.7	0
"2010-01-02	13:00:00"	7.05	175.6	26.69	13.52	6.062	173.1	30.48	12.33	44.49	45.4	-0.901	47.89	50.24	26.515	598.28	0
"2010-01-02	14:00:00"	6.997	223	19.94	12.33	6.199	224.5	24.94	11.74	47.92	49.01	-1.093	40.22	42.03	26.486	586.04	0
"2010-01-02	15:00:00"	9.4	206.8	17.92	16.51	7.87	207.3	21.44	14.12	50.47	51.69	-1.224	35.77	36.96	26.446	532.27	0
"2010-01-02	16:00:00"	12.22	208.7	12.51	18.89	9.7	209.5	15.96	15.31	52.33	53.52	-1.186	33.1	34.21	26.424	405.69	0
"2010-01-02	17:00:00"	13.45	207.3	9.88	20.09	10.38	207.1	13.79	15.91	52.69	53.33	-0.637	32.1	33.69	26.415	232.71	0
"2010-01-02	18:00:00"	7.411	210.4	14.63	13.52	4.919	208.6	20.38	10.54	50.62	49.63	0.991	34.82	38.86	26.418	31.367	0
"2010-01-02	19:00:00"	6.141	185.9	9.07	8.75	3.222	170.3	15.68	5.175	48	45.38	2.62	37.45	44.96	26.419	0.61938	0
"2010-01-02	20:00:00"	7.756	175.1	10.62	13.52	4.581	164.6	18.76	9.35	45.49	43.19	2.294	40.71	48.84	26.419	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-02	21:00:00"	8.08	197.5	6.268	13.52	4.564	201.5	11.13	9.35	41.34	38.85	2.495	47.92	57.28	26.413	0
"2010-01-02	22:00:00"	10.59	204.3	8.08	14.72	6.941	207.5	10.86	11.74	40.04	38.7	1.345	57.63	64.49	26.426	0
"2010-01-02	23:00:00"	9.53	224.3	10.24	13.52	6.611	228.2	12.41	10.54	38.18	36.78	1.403	63.88	71.12	26.435	0
"2010-01-03	00:00:00"	7.64	238.5	4.66	9.95	5.222	243.5	7.244	7.561	37.52	35.08	2.436	65.27	74.04	26.442	0
"2010-01-03	01:00:00"	8.33	238.7	5.964	11.14	5.636	241.1	9.21	7.561	36.56	34.53	2.028	71.1	79.39	26.449	0
"2010-01-03	02:00:00"	7.313	265.7	15.97	11.14	4.23	270	19.21	6.368	35.46	32.86	2.609	73.37	82.5	26.446	0
"2010-01-03	03:00:00"	7.706	325.3	9.96	11.74	4.237	326.8	12	9.35	33.25	30.12	3.129	76.45	86.5	26.457	0
"2010-01-03	04:00:00"	8.96	344.4	33.59	14.72	5.875	353.3	27.51	11.14	33.69	30.34	3.349	72.98	84	26.464	0
"2010-01-03	05:00:00"	15.44	27.06	8.96	27.24	11.79	26.28	14.08	21.28	26.23	26.22	0.003	85.1	90.7	26.482	0
"2010-01-03	06:00:00"	17.29	24.21	9.03	26.05	13.24	22.82	15.63	22.47	27.51	27.62	-0.106	87.7	92.7	26.5	0
"2010-01-03	07:00:00"	12.73	32.2	9.31	20.68	9.68	31.68	13.86	17.1	28.49	28.58	-0.095	87.3	92.2	26.528	0
"2010-01-03	08:00:00"	13.93	19.07	10.32	20.68	10.81	16.66	15.87	17.7	28.84	28.94	-0.102	87.7	92.5	26.543	0.62083
"2010-01-03	09:00:00"	11.05	20.51	13.82	18.89	8.71	19.01	19.94	15.91	28.98	29.13	-0.151	87.9	92.8	26.57	27.923
"2010-01-03	10:00:00"	8.03	23.52	13.98	12.33	6.392	22.23	18.76	11.14	30.85	31.4	-0.553	86.5	90.4	26.601	186.35
"2010-01-03	11:00:00"	13.54	35.62	11	20.68	10.72	35.57	14.5	18.3	37.81	38.83	-1.017	70.28	72.63	26.622	413.69
"2010-01-03	12:00:00"	15.46	36.95	10.66	21.87	12.14	37.2	13.88	20.09	43.01	44.28	-1.268	57.42	58.99	26.628	535.46
"2010-01-03	13:00:00"	14.86	34.27	12.02	21.87	11.99	33.57	15.52	19.49	46	47.4	-1.402	48.52	49.67	26.615	597.41
"2010-01-03	14:00:00"	14.39	40.04	15.3	21.87	11.54	39.32	17.81	19.49	47.83	49.37	-1.541	43.37	44.24	26.6	587.81
"2010-01-03	15:00:00"	12.04	49.01	16.1	19.49	9.76	48.54	18.64	15.91	49.11	50.57	-1.461	39.81	40.66	26.595	527.22
"2010-01-03	16:00:00"	9.62	64.25	18.52	15.91	7.941	62.57	20.45	14.72	49.93	51.17	-1.243	38.02	38.96	26.601	407.77
"2010-01-03	17:00:00"	8.77	78.07	13.52	14.72	7.161	76.51	15.68	15.31	49.71	50.52	-0.802	38.32	39.87	26.608	244.08
"2010-01-03	18:00:00"	6.645	81.1	8.99	9.95	4.928	79.8	9.99	8.16	48.25	48.04	0.216	39.83	43.2	26.615	68.648
"2010-01-03	19:00:00"	6.684	77.39	5.965	8.75	3.564	65.69	11.92	4.578	45.01	42	3.002	45.09	54.04	26.626	0.6695
"2010-01-03	20:00:00"	7.774	85	7.468	9.35	4.012	70.86	8.67	5.175	41.4	37.54	3.864	51.95	63.66	26.641	0
"2010-01-03	21:00:00"	8.36	93.9	3.557	9.95	4.304	70.64	7.761	5.771	38.06	34.22	3.839	59.7	71.28	26.65	0
"2010-01-03	22:00:00"	8.05	100.4	4.926	9.95	4.602	87.3	8.27	6.964	34.06	32.17	1.889	71.94	79.62	26.659	0
"2010-01-03	23:00:00"	7.279	98.8	5.888	9.95	3.753	77.12	10.44	5.771	31.95	29.81	2.138	78.29	85.9	26.671	0
"2010-01-04	00:00:00"	3.997	130.7	23.2	6.368	1.821	130.7	46.33	4.578	30.54	29.57	0.974	81.2	87.4	26.682	0
"2010-01-04	01:00:00"	7.295	80.5	12.55	9.95	4.122	62.4	9.93	6.964	29.34	27.69	1.645	83.2	89.6	26.68	0
"2010-01-04	02:00:00"	7.695	82.1	16.28	12.33	4.56	69.38	21.58	9.35	29.25	28.05	1.195	83.7	89.8	26.683	0
"2010-01-04	03:00:00"	3.858	45.61	69.79	8.16	2.023	3.201	72.01	4.578	27.6	25.97	1.636	86.3	91.4	26.688	0
"2010-01-04	04:00:00"	3.805	39.39	46.37	6.964	2.389	5.672	32.59	4.578	28.23	25.26	2.977	84.4	90.6	26.692	0
"2010-01-04	05:00:00"	6.116	62.83	8.82	8.75	2.781	48.23	12.8	5.771	26.24	24.34	1.9	84.4	90.1	26.694	0
"2010-01-04	06:00:00"	4.166	97.1	50.79	7.561	2.092	21.02	63.48	4.578	25.44	23.47	1.967	84.7	90.4	26.699	0
"2010-01-04	07:00:00"	3.865	91.4	26.09	6.368	1.972	42.09	20.6	3.982	25.59	22.82	2.778	83.6	89.1	26.712	0
"2010-01-04	08:00:00"	6.622	51.84	10.39	9.35	3.837	43.74	9.41	6.964	23.18	21.51	1.675	86	90.5	26.729	1.2823
"2010-01-04	09:00:00"	6.164	51.63	9.26	8.16	4.611	49.77	10.97	6.964	22.21	22.29	-0.084	85	90.8	26.738	69.41
"2010-01-04	10:00:00"	5.643	92.2	18.12	9.95	4.549	90.6	19.9	8.16	23.46	24.05	-0.592	85	90.6	26.763	204.95
"2010-01-04	11:00:00"	4.704	105.2	27.94	7.561	3.944	106.4	29.46	6.964	23.5	23.96	-0.46	85.5	91.7	26.782	197.45
"2010-01-04	12:00:00"	4.73	92.9	25	9.35	4.128	93.2	29.35	7.561	26.35	26.9	-0.551	87	92.2	26.778	306.76
"2010-01-04	13:00:00"	6.076	108.1	24.77	11.14	5.25	108	28.31	10.54	31.64	33.22	-1.582	79.54	78.89	26.753	603.67
"2010-01-04	14:00:00"	7.844	142.9	20.18	14.12	6.645	140.2	21.97	12.93	37.37	38.59	-1.221	63.7	65.53	26.734	587.45
"2010-01-04	15:00:00"	9.73	152.9	16.51	17.1	8.21	150.4	17.37	15.31	40.45	41.75	-1.298	55.77	57.34	26.709	525.19
"2010-01-04	16:00:00"	10.22	152.6	16.39	15.31	8.52	150.4	17.22	13.52	42.02	43.19	-1.171	50.24	52	26.697	409.69
"2010-01-04	17:00:00"	10.19	158.6	13.87	15.31	8.44	155.8	15.61	12.93	42.05	42.87	-0.825	50.02	52.34	26.695	247.86

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-04	18:00:00"	9.71	148.3	9.6	12.93	7.514	146.1	11.15	11.14	40.61	40.73	-0.12	54.02	57.65	26.692	70.549	0	
"2010-01-04	19:00:00"	8.27	135.6	7.141	11.14	5.343	132.4	8.99	7.561	36.16	35.37	0.788	63.13	68.89	26.689	0.73551	0	
"2010-01-04	20:00:00"	8.88	134.2	7.462	11.74	5.868	130.6	9.83	8.75	33.01	32.28	0.728	70.54	76.6	26.688	0	0	
"2010-01-04	21:00:00"	7.94	128.5	6.731	10.54	5.045	123.6	9.8	7.561	31.08	30.17	0.91	74.85	81.4	26.689	0	0	
"2010-01-04	22:00:00"	8.65	135.8	6.527	11.74	5.535	132.5	8.75	8.16	30.48	29.6	0.885	77.08	83.7	26.688	0	0	
"2010-01-04	23:00:00"	8.97	142.7	6.172	12.33	5.82	138.8	8.15	8.16	30.31	29.48	0.822	78.32	84.8	26.695	0	0	
"2010-01-05	00:00:00"	7.139	126.6	9.27	9.95	4.029	112	15.62	6.368	29.2	27.61	1.594	80.2	87.4	26.691	0	0	
"2010-01-05	01:00:00"	7.75	124.2	6.148	9.95	4.372	115.4	11.13	7.561	28.54	27.22	1.321	82.1	89	26.681	0	0	
"2010-01-05	02:00:00"	7.996	123.4	8.08	11.74	4.677	115.6	12.56	8.16	28.41	27.41	0.994	82	88.6	26.669	0	0	
"2010-01-05	03:00:00"	7.085	122.3	7.466	9.35	3.762	110.5	13.18	5.771	27.62	26.2	1.414	81.8	88.8	26.662	0	0	
"2010-01-05	04:00:00"	7.187	122.5	6.719	9.95	3.995	113.3	10.77	5.771	26.97	25.8	1.171	81.4	88.3	26.646	0	0	
"2010-01-05	05:00:00"	7.121	119.3	7.723	9.35	3.942	105.4	12.69	6.368	26.36	24.99	1.369	81.5	88.3	26.63	0	0	
"2010-01-05	06:00:00"	7.099	122.4	8.87	9.35	4.001	113.1	12.37	6.368	25.78	24.65	1.134	81.1	87.9	26.619	0	0	
"2010-01-05	07:00:00"	7.421	124.4	6.773	9.95	4.351	116.9	10.24	6.368	25.89	24.89	1.002	80.2	87	26.622	0	0	
"2010-01-05	08:00:00"	6.601	137.8	7.021	9.35	3.72	133.7	9.52	6.368	25.32	24.44	0.885	81	87.5	26.627	1.2958	0	
"2010-01-05	09:00:00"	7.436	165.8	16.83	13.52	5.146	161.7	18.52	10.54	26.77	26.46	0.313	83.4	89.4	26.622	29.911	0	
"2010-01-05	10:00:00"	10.29	188	8.79	17.1	7.823	186.7	11.89	14.12	30.09	30.41	-0.316	88.7	93.8	26.631	84.498	0	
"2010-01-05	11:00:00"	11.79	195.7	10.43	17.1	9.05	194.8	13.49	14.72	31.74	32.14	-0.407	89.7	94.6	26.636	118.87	0	
"2010-01-05	12:00:00"	11.65	198.8	11.72	16.51	9.23	198.5	15.38	13.52	33.96	34.75	-0.798	88.2	91	26.619	275.96	0	
"2010-01-05	13:00:00"	10.38	195.9	15.68	16.51	8.61	194.9	19.56	12.93	39.23	40.5	-1.271	72.15	73.6	26.584	590.45	0	
"2010-01-05	14:00:00"	9.25	200.7	18.36	15.91	7.702	201.1	21.96	14.72	44.84	46.21	-1.37	56.44	57.56	26.55	594.18	0	
"2010-01-05	15:00:00"	11.05	203	14.15	18.3	9	202.5	17.21	16.51	48.28	49.7	-1.422	47.5	48.33	26.517	530.84	0	
"2010-01-05	16:00:00"	13.38	204.2	12.23	19.49	10.56	204	15.74	15.91	49.53	50.68	-1.147	42.56	43.72	26.5	374.08	0	
"2010-01-05	17:00:00"	12.3	193.4	10.22	18.3	9.82	191.2	13.45	15.91	49.4	50.09	-0.692	43.29	45.08	26.485	250.29	0	
"2010-01-05	18:00:00"	9.68	181.3	8.73	15.31	7.256	178.1	11.87	12.93	47.71	47.5	0.215	47.51	50.9	26.474	74.53	0	
"2010-01-05	19:00:00"	9.82	180.4	6.471	14.12	6.368	176.8	10.34	11.14	44.63	43.15	1.477	53.7	59.69	26.464	0.82047	0	
"2010-01-05	20:00:00"	8.94	181.3	7.337	12.33	5.342	177.8	14.05	9.35	42.16	40.06	2.105	59.18	66.53	26.462	0	0	
"2010-01-05	21:00:00"	8.43	174.7	9.89	15.31	4.667	165.6	17.92	11.14	40.54	37.77	2.776	63.13	71.93	26.465	0	0	
"2010-01-05	22:00:00"	8.39	201.5	9.2	13.52	5.228	205.7	12.17	9.35	37.52	36.04	1.477	70.22	77.15	26.462	0	0	
"2010-01-05	23:00:00"	7.332	202.5	6.32	11.14	4.408	204.2	10.41	6.964	35.7	33.96	1.742	75.15	82.4	26.458	0	0	
"2010-01-06	00:00:00"	10.82	205.9	6.42	14.72	7.229	207.9	10.28	11.74	34.77	33.76	1.006	76.77	83.4	26.447	0	0	
"2010-01-06	01:00:00"	10.38	214.4	6.785	13.52	6.877	215.4	10.48	9.95	33.53	32.45	1.08	79.04	85.7	26.431	0	0	
"2010-01-06	02:00:00"	8.44	230	7.384	11.74	5.503	236.8	10.86	8.75	32.38	30.96	1.418	81	88	26.414	0	0	
"2010-01-06	03:00:00"	7.321	229.5	5.703	9.35	4.438	234.3	8.85	5.771	31.77	30	1.768	80.7	88.3	26.406	0	0	
"2010-01-06	04:00:00"	8.64	233.7	4.421	11.14	5.849	235.1	7.508	8.16	30.61	29.44	1.175	82.6	89.2	26.392	0	0	
"2010-01-06	05:00:00"	7.749	240	6.008	10.54	5.266	242.3	9.08	7.561	29.66	28.76	0.899	83.8	89.8	26.386	0	0	
"2010-01-06	06:00:00"	8.3	250.9	10.24	10.54	5.595	252.6	12.75	8.75	28.72	27.83	0.889	84.7	90.5	26.381	0	0	
"2010-01-06	07:00:00"	8.05	244.6	6.197	10.54	5.727	248.2	8.85	9.35	28.05	27.22	0.827	85.1	90.7	26.372	0	0	
"2010-01-06	08:00:00"	8.21	245.4	6.153	11.14	5.862	250.4	9.27	9.35	27.33	26.52	0.81	86	91.4	26.378	1.3653	0	
"2010-01-06	09:00:00"	9.63	246.3	9.8	14.12	7.575	250	12.61	12.33	29.36	29.15	0.213	85.8	91.2	26.394	115.47	0	
"2010-01-06	10:00:00"	9.62	234.1	6.979	14.12	8.38	235.4	8.8	12.93	34.2	34.41	-0.206	83.2	88.2	26.401	216.6	0	
"2010-01-06	11:00:00"	10.61	244	8.85	16.51	9.47	246.2	11.12	15.31	43.2	43.89	-0.694	65.87	68.96	26.401	426.47	0	
"2010-01-06	12:00:00"	14.31	249.1	9.47	20.68	12.42	250.2	11.83	18.3	53.51	54.5	-0.986	40.66	42.09	26.384	549.01	0	
"2010-01-06	13:00:00"	15.27	255.2	10.4	21.87	12.76	257	12.79	20.68	59.6	60.86	-1.261	29.87	30.4	26.354	612.21	0	
"2010-01-06	14:00:00"	14.63	274.7	12.31	21.87	11.26	276.2	14.36	21.28	63.19	64.65	-1.46	22.07	22.28	26.319	608.64	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-06	15:00:00"	16.59	283.2	13.22	23.66	12	283.4	14.48	21.87	65.24	66.56	-1.317	17.74	17.92	26.292	541.61	0	
"2010-01-06	16:00:00"	13.57	274.7	13.54	21.28	10.27	276.2	14.57	18.89	65.99	67.02	-1.036	16.68	16.95	26.286	424.43	0	
"2010-01-06	17:00:00"	11.89	291.6	12.71	18.89	7.656	291.3	14.31	14.12	66.47	66.99	-0.517	16.03	16.52	26.286	258.41	0	
"2010-01-06	18:00:00"	8.66	288.7	7.574	16.51	4.655	290.9	9.1	11.74	64.66	63.22	1.446	19.53	21.72	26.294	76.909	0	
"2010-01-06	19:00:00"	5.935	297.6	34.81	8.75	4.248	314.2	49.73	6.368	61.64	55.81	5.836	22.08	28.64	26.31	0.85506	0	
"2010-01-06	20:00:00"	8.33	320.2	4.321	11.14	4.975	332.8	8.56	6.368	61.77	51.1	10.67	20.97	33.42	26.334	0	0	
"2010-01-06	21:00:00"	11.42	330.7	14.29	19.49	6.517	332.3	18.23	14.12	54.73	49.34	5.388	27.95	36.59	26.359	0	0	
"2010-01-06	22:00:00"	26.65	31.69	15.22	40.96	20.4	31.23	17.5	33.21	39.69	39.27	0.421	62.66	66.9	26.429	0	0	
"2010-01-06	23:00:00"	28.76	37.83	8.52	41.56	22.08	36.85	11.94	35	33.68	33.78	-0.103	74.84	79.14	26.488	0	0	
"2010-01-07	00:00:00"	31.16	39.24	8.19	43.94	23.89	38.38	10.97	39.17	30.48	30.71	-0.228	76.54	80.9	26.519	0	0	
"2010-01-07	01:00:00"	30.02	37.06	8.08	40.36	22.91	36.4	11.61	36.19	26.24	26.47	-0.237	76.01	80.8	26.55	0	0	
"2010-01-07	02:00:00"	27.37	36.92	8.24	41.56	20.91	36.35	11.57	36.19	23.64	23.88	-0.235	71.19	76.36	26.582	0	0	
"2010-01-07	03:00:00"	22.85	30.21	8.05	37.38	17.47	29.45	12.92	30.82	23.52	23.71	-0.188	66.09	71.36	26.627	0	0	
"2010-01-07	04:00:00"	18.73	29.37	8.39	30.22	14.43	28.23	12.93	25.45	22.54	22.73	-0.186	63.66	69.09	26.662	0	0	
"2010-01-07	05:00:00"	17.81	29.85	7.68	27.24	13.81	29.15	12.11	21.87	21.96	22.15	-0.192	62.34	67.82	26.674	0	0	
"2010-01-07	06:00:00"	18.06	22.92	7.469	25.45	14.04	21.2	13.52	21.87	20.13	20.24	-0.105	58.87	64.68	26.685	0	0	
"2010-01-07	07:00:00"	13.06	24.65	7.471	20.68	10.14	23.02	12.49	18.3	18.32	18.25	0.062	58.77	65.21	26.72	0	0	
"2010-01-07	08:00:00"	10.67	20.79	10.8	15.91	8.25	18.05	15.87	14.12	17.18	17.09	0.094	60.15	66.93	26.76	0.73718	0	
"2010-01-07	09:00:00"	8.08	38.89	10.31	13.52	6.31	38.3	13.35	10.54	16.5	16.6	-0.098	58.13	64.87	26.781	32.083	0	
"2010-01-07	10:00:00"	8.72	26.12	10.25	14.72	7.106	24.19	16.18	14.72	17.68	18.36	-0.676	55.08	60.48	26.791	130.16	0	
"2010-01-07	11:00:00"	12.53	22.74	12.63	18.89	10.07	20.63	17.93	17.1	20.41	21.21	-0.797	50.36	55.23	26.796	187.82	0	
"2010-01-07	12:00:00"	13.91	27.31	12.61	23.66	11.09	26.64	17.53	22.47	22.97	24.42	-1.448	42.85	46.82	26.791	383.66	0	
"2010-01-07	13:00:00"	14.46	38.25	12.38	22.47	11.46	37.51	15.17	18.89	23.98	25.31	-1.334	37.43	40.79	26.761	293.51	0	
"2010-01-07	14:00:00"	14.5	38.04	14.15	22.47	11.54	36.96	17.39	19.49	25.36	26.78	-1.416	34.1	37.09	26.726	329.02	0	
"2010-01-07	15:00:00"	13.72	40.69	13.41	20.09	10.98	39.58	16.05	18.3	26.24	27.74	-1.501	31.76	34.68	26.71	317.11	0	
"2010-01-07	16:00:00"	12.81	44.91	11.46	18.3	10.18	44.03	13.54	17.1	26.14	27.25	-1.109	30.13	33.48	26.71	205.46	0	
"2010-01-07	17:00:00"	12.45	48.05	11.37	17.1	9.88	47.11	13.54	14.72	25.98	26.82	-0.839	29.16	32.76	26.704	147.99	0	
"2010-01-07	18:00:00"	12.3	47.98	10.19	17.1	9.54	47.39	12.07	14.72	25.67	26.02	-0.343	29.54	33.67	26.695	28.899	0	
"2010-01-07	19:00:00"	11.24	47.52	9.72	17.1	8.76	46.73	11.36	14.12	24.93	25.04	-0.107	29.59	34.07	26.706	0.37678	0	
"2010-01-07	20:00:00"	11.56	48.54	8.22	15.91	9.01	47.6	10.22	15.31	24.51	24.6	-0.088	30.07	34.62	26.723	0	0	
"2010-01-07	21:00:00"	10.36	51.57	8.62	15.31	8.07	50.62	10.66	12.93	24.07	24.15	-0.083	28.67	33.37	26.737	0	0	
"2010-01-07	22:00:00"	9.9	54.92	8.77	15.31	7.742	53.5	10.44	11.74	23.86	23.93	-0.071	27.64	32.43	26.761	0	0	
"2010-01-07	23:00:00"	8.89	50.19	9.06	15.31	6.91	49.5	10.76	12.93	23.64	23.69	-0.055	27.73	32.62	26.772	0	0	
"2010-01-08	00:00:00"	11.44	47.24	10.31	20.09	8.93	46.82	12.17	17.1	23.21	23.37	-0.161	30.05	34.8	26.783	0	0	
"2010-01-08	01:00:00"	13.3	35.52	8.2	19.49	10.36	35.24	11.47	16.51	19.66	20	-0.339	67.17	71.91	26.798	0	0	
"2010-01-08	02:00:00"	9.71	44.94	9.33	15.91	7.655	44.34	11.13	14.12	18.7	18.98	-0.281	76.71	82.7	26.808	0	0	
"2010-01-08	03:00:00"	7.658	46.84	11.65	12.33	6.152	45.79	13.46	9.95	18.39	18.63	-0.233	78.35	84.4	26.809	0	0.02	
"2010-01-08	04:00:00"	4.348	55.8	13.45	9.35	3.619	54	13.47	8.16	18.26	18.49	-0.232	77.6	83.7	26.815	0	0.01	
"2010-01-08	05:00:00"	2.026	82.9	23.42	4.578	1.765	81.2	26.88	3.386	18.09	18.29	-0.198	77.57	83.6	26.822	0	0.01	
"2010-01-08	06:00:00"	2.161	124.5	29.68	3.386	1.975	122.2	29.14	3.386	17.94	18.1	-0.163	78.21	84.2	26.815	0	0	
"2010-01-08	07:00:00"	1.708	224.5	41.85	3.386	1.69	224.6	42.2	2.789	18.01	18.14	-0.13	77.85	84	26.818	0	0	
"2010-01-08	08:00:00"	2.625	254.4	14.71	4.578	2.355	254.6	16.83	3.982	18.32	18.51	-0.193	77.15	83.2	26.827	0.14833	0	
"2010-01-08	09:00:00"	4.598	283.7	11.79	6.964	3.405	284.4	14.05	6.368	18.72	18.98	-0.263	75.61	81.8	26.844	13.765	0	
"2010-01-08	10:00:00"	4.512	267	15.88	6.368	3.815	268	17.27	5.771	19.5	19.9	-0.4	72.36	78.14	26.845	74.123	0	
"2010-01-08	11:00:00"	3.833	252.9	36.9	6.964	3.29	255.5	42.58	6.368	20.98	21.4	-0.413	63.38	68.8	26.858	224.4	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-08	12:00:00"	4.475	221.9	36.36	8.16	3.985	218.6	43.78	8.16	22.68	23.04	-0.361	53.34	59.16	26.846	345.85	0
"2010-01-08	13:00:00"	5.447	214.1	37.87	10.54	4.672	206.9	45.17	9.95	23.98	24.48	-0.5	51.07	57.33	26.814	426.57	0
"2010-01-08	14:00:00"	6.043	231.5	38.8	15.91	5.191	230.3	45.55	14.72	25.5	26.3	-0.797	47.96	54.88	26.78	570.48	0
"2010-01-08	15:00:00"	5.445	223.9	32.03	11.14	4.724	222.8	39.89	9.95	26.91	27.74	-0.825	48.38	55.47	26.752	526.43	0
"2010-01-08	16:00:00"	6.752	227	27.09	13.52	5.893	228.1	31.59	11.74	27.99	28.87	-0.88	45.88	52.47	26.739	423.69	0
"2010-01-08	17:00:00"	8.42	235.7	18.64	13.52	7.283	236.6	21.74	14.12	28.58	29.38	-0.798	42.19	48.89	26.738	260.79	0
"2010-01-08	18:00:00"	6.978	237.7	11.06	10.54	5.92	239.8	12.75	9.35	28.45	28.69	-0.236	42.94	50.36	26.731	81.634	0
"2010-01-08	19:00:00"	6.874	220.9	9.74	10.54	4.833	220.7	14.15	8.16	26.94	26.31	0.625	51.03	60.53	26.722	1.1895	0
"2010-01-08	20:00:00"	6.153	186.4	7.653	9.35	3.759	182.4	13.62	6.964	24.56	23.57	0.988	57.32	68.72	26.728	0	0
"2010-01-08	21:00:00"	8.14	188.7	8.13	11.14	5.204	189.8	13.73	8.16	23.3	22.42	0.881	59.27	69.51	26.73	0	0
"2010-01-08	22:00:00"	6.934	205.6	7.465	9.35	3.911	198.9	11.54	5.771	21.78	20.37	1.416	63.71	75.15	26.737	0	0
"2010-01-08	23:00:00"	7.489	208.5	8.19	10.54	4.677	206.3	12.42	8.16	20.48	19.55	0.929	69.39	78.89	26.736	0	0
"2010-01-09	00:00:00"	10.4	215.8	8.3	14.12	7.594	217.5	11.87	11.74	20.08	19.77	0.311	66.87	74.87	26.726	0	0
"2010-01-09	01:00:00"	10.84	226.9	6.368	14.72	8.29	228.3	8.63	12.33	18.44	18.21	0.23	67.98	75.69	26.716	0	0
"2010-01-09	02:00:00"	9.97	228	8.03	14.72	7.561	230	9.89	11.74	17.53	17.27	0.265	68.46	76.33	26.7	0	0
"2010-01-09	03:00:00"	8.21	236.3	6.422	11.74	6.214	236.7	7.997	8.75	17.53	17.07	0.455	67.56	76.05	26.693	0	0
"2010-01-09	04:00:00"	9.08	234.5	5.742	12.93	6.852	234.7	7.719	10.54	17.56	17.03	0.527	66.18	74.9	26.672	0	0
"2010-01-09	05:00:00"	8.74	239.9	6.64	12.33	6.825	241.5	9.18	10.54	17.81	17.32	0.481	64.23	72.92	26.644	0	0
"2010-01-09	06:00:00"	7.386	240.7	4.256	9.35	5.442	242.5	6.896	7.561	18.4	17.31	1.094	61.78	72.53	26.632	0	0
"2010-01-09	07:00:00"	7.53	249.9	5.964	9.35	5.035	252.1	7.673	7.561	18.41	17.08	1.333	61.43	72.56	26.636	0	0
"2010-01-09	08:00:00"	7.484	251	6.687	9.35	4.893	252	9.61	7.561	18.39	17.2	1.19	63.56	73.85	26.632	1.2622	0
"2010-01-09	09:00:00"	6.881	258.3	10.02	9.35	5.12	258.5	12.19	7.561	19.74	19.54	0.195	63.48	71.58	26.628	86.22	0
"2010-01-09	10:00:00"	6.749	242.7	10.09	9.35	6.259	245.3	12.05	9.35	23.51	24.02	-0.509	63.09	68.65	26.646	269.72	0
"2010-01-09	11:00:00"	6.2	223	17.51	8.75	5.478	224.3	21.28	8.75	29	29.8	-0.796	60.3	64.88	26.665	436.62	0
"2010-01-09	12:00:00"	5.248	213.8	16.65	8.75	4.636	213.9	21.68	7.561	33.82	34.6	-0.78	52.91	57.04	26.673	561.46	0
"2010-01-09	13:00:00"	3.56	213.2	37.15	8.75	3.116	206.2	43.47	8.75	39.14	39.57	-0.435	44.24	48.1	26.658	629.29	0
"2010-01-09	14:00:00"	5.824	222.5	24.84	9.95	5.109	222.4	30.35	9.35	43.32	44.19	-0.872	36.82	39.5	26.638	627.25	0
"2010-01-09	15:00:00"	6.249	207.3	25.24	9.95	5.504	207	30.09	9.95	44.74	45.69	-0.946	34.83	37.14	26.625	549.7	0
"2010-01-09	16:00:00"	7.511	191.4	18.06	11.74	6.264	189.9	21.19	9.95	45.89	46.86	-0.962	33.89	36.02	26.618	439.29	0
"2010-01-09	17:00:00"	6.023	196	19.43	10.54	5.06	194.8	23.09	8.75	46.37	46.92	-0.545	31.92	34.35	26.633	272.72	0
"2010-01-09	18:00:00"	5.956	144.8	28.32	9.95	4.188	140.2	29.55	9.95	45.24	44.61	0.626	33.86	38.38	26.639	87.898	0
"2010-01-09	19:00:00"	8.34	122.1	7.325	9.95	4.418	111.1	15.05	5.771	43.83	38.12	5.703	34.86	48.31	26.647	0.88538	0
"2010-01-09	20:00:00"	7.902	132.7	5.084	11.74	4.387	120.3	9.21	5.771	43.75	36.92	6.83	34.03	50	26.662	0	0
"2010-01-09	21:00:00"	10.6	137.4	7.275	12.93	6.047	133.2	11.21	9.35	39.61	36.22	3.385	40.01	51.99	26.679	0	0
"2010-01-09	22:00:00"	9.26	113	18.69	15.31	4.859	89.5	19.49	11.14	35.95	31.5	4.449	45.18	60.37	26.689	0	0
"2010-01-09	23:00:00"	9.51	78.02	6.208	13.52	6.243	70.13	9.93	9.95	29.83	28.47	1.36	58.1	67.49	26.708	0	0
"2010-01-10	00:00:00"	8.75	71.85	5.815	11.14	5.644	61.58	9.15	8.16	27.18	25.69	1.491	61.98	71.76	26.715	0	0
"2010-01-10	01:00:00"	7.957	63.56	12.71	9.95	5.157	56.49	12.46	7.561	25.31	23.86	1.454	64.85	74.81	26.715	0	0
"2010-01-10	02:00:00"	8.59	50.7	6.817	9.95	5.787	47.68	8.86	8.16	22.21	21.36	0.851	71.11	79.96	26.715	0	0
"2010-01-10	03:00:00"	8.19	50.71	6.856	10.54	5.77	48.19	8.49	8.16	20.92	20.39	0.523	73.18	81.4	26.714	0	0
"2010-01-10	04:00:00"	7.424	48.05	6.744	9.35	5.345	44.83	8.46	7.561	20.39	19.81	0.579	72.72	81.4	26.719	0	0
"2010-01-10	05:00:00"	7.602	44.07	6.82	9.95	5.503	43.64	8.62	8.16	19.61	18.99	0.619	72.64	81	26.719	0	0
"2010-01-10	06:00:00"	7.818	37.66	5.3	9.95	5.511	38.4	7.836	7.561	18.16	17.35	0.81	73.21	82.1	26.721	0	0
"2010-01-10	07:00:00"	7.902	28.94	4.81	9.95	5.474	29.02	8.84	8.16	17.79	16.8	0.993	72.27	81.6	26.731	0	0
"2010-01-10	08:00:00"	7.737	34.3	5.02	9.95	5.34	35.79	8.1	8.16	17.35	16.45	0.899	71.3	80.3	26.745	1.3285	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-10	09:00:00"	7.138	40.07	10.64	9.35	5.582	38.76	12.7	8.16	18.34	18.24	0.101	69.95	77.81	26.752	83.123	0	
"2010-01-10	10:00:00"	6.813	71.9	20.67	9.95	5.898	68.72	22.51	9.35	23.41	24.2	-0.783	62.93	68.14	26.764	264.28	0	
"2010-01-10	11:00:00"	6.454	128.5	17.44	10.54	5.502	126.5	20.7	9.95	28.83	29.71	-0.879	50.32	54.5	26.774	430.71	0	
"2010-01-10	12:00:00"	6.403	138.1	19.08	9.95	5.515	138.1	21.96	9.35	33.28	34.15	-0.876	45.16	48.77	26.769	554.9	0	
"2010-01-10	13:00:00"	7.445	155	18.51	12.93	6.372	152.3	20.79	11.74	38.1	39.21	-1.112	38.14	40.79	26.745	620.27	0	
"2010-01-10	14:00:00"	8.14	169.1	19.61	13.52	6.977	165.8	22.06	11.74	41.74	42.94	-1.198	32.79	34.86	26.714	625.1	0	
"2010-01-10	15:00:00"	8.51	177.1	17.46	16.51	7.195	174.8	21.26	14.72	44.56	45.65	-1.091	30.19	32.13	26.686	543.47	0	
"2010-01-10	16:00:00"	10.46	170.5	12.86	15.91	8.75	167.1	15.16	12.93	46.26	47.29	-1.031	27.66	29.57	26.671	433.26	0	
"2010-01-10	17:00:00"	11.01	178.5	10.09	15.31	8.9	175	13.19	13.52	46.73	47.31	-0.587	26.5	28.77	26.667	238.59	0	
"2010-01-10	18:00:00"	8.65	164.7	7.565	13.52	6.145	160.3	9.12	11.14	44.5	43.76	0.738	29.23	33.2	26.661	48.5	0	
"2010-01-10	19:00:00"	8.22	147.7	6.25	11.74	4.62	138.9	9.02	8.16	39.98	37.4	2.584	34.08	41.57	26.66	0.54013	0	
"2010-01-10	20:00:00"	9.27	146.1	6.139	11.74	5.612	138.9	7.869	9.35	37.22	35.46	1.757	37.13	44.64	26.667	0	0	
"2010-01-10	21:00:00"	8.95	145.1	7.398	12.33	5.604	140.3	8.67	9.95	35.65	34.18	1.471	39.36	46.91	26.67	0	0	
"2010-01-10	22:00:00"	9.56	155.2	8.49	14.72	6.611	152.3	10.16	11.14	32.96	32.11	0.849	43.76	50.81	26.675	0	0	
"2010-01-10	23:00:00"	9.17	172.1	7.975	11.74	6.01	170.5	9.24	8.16	31.52	30.41	1.109	45.94	53.87	26.681	0	0	
"2010-01-11	00:00:00"	6.409	206.7	12.44	10.54	3.806	216.9	18.88	7.561	30.11	28.31	1.801	48.43	57.98	26.687	0	0	
"2010-01-11	01:00:00"	6.707	209.2	7.149	9.35	4.131	217.3	9.17	5.771	30.06	28.19	1.872	47.1	57.53	26.683	0	0	
"2010-01-11	02:00:00"	7.345	199.7	5.112	9.95	4.427	206	9.42	7.561	29.74	27.95	1.79	46.76	57.53	26.67	0	0	
"2010-01-11	03:00:00"	5.373	215.6	13.96	8.16	3.466	231.7	22.42	5.175	29.55	27.86	1.692	46.67	56.75	26.671	0	0	
"2010-01-11	04:00:00"	5.054	234.4	8.31	7.561	3.54	256.5	12.29	5.175	29.72	27.67	2.058	45.87	56.65	26.664	0	0	
"2010-01-11	05:00:00"	6.266	279	21.79	8.16	3.971	293.5	21.81	5.771	28.79	25.53	3.257	47.93	61.92	26.66	0	0	
"2010-01-11	06:00:00"	5.638	287.8	12.6	7.561	3.45	310	12.14	5.175	28.81	23.21	5.604	47.74	67.72	26.667	0	0	
"2010-01-11	07:00:00"	5.374	305	13.79	6.964	3.776	329.6	16.36	5.175	28.83	23.2	5.635	47.32	67.12	26.669	0	0	
"2010-01-11	08:00:00"	7.402	356.5	19.43	9.35	4.485	10.01	13.08	5.771	25.68	19.88	5.798	54.38	75.69	26.694	0.63653	0	
"2010-01-11	09:00:00"	6.575	12.53	6.823	9.35	4.111	15.12	11.11	5.771	22.99	21.95	1.038	66.22	76.56	26.702	65.663	0	
"2010-01-11	10:00:00"	4.876	5.882	16.98	8.16	4.173	3.12	22.06	6.964	30.7	31.39	-0.69	52.25	57.08	26.72	268.47	0	
"2010-01-11	11:00:00"	3.086	292.4	61.54	7.561	2.715	286.4	69.24	6.964	37.2	37.69	-0.487	39.84	43.64	26.73	359.97	0	
"2010-01-11	12:00:00"	6.435	26.14	15.61	9.95	5.514	24	20.97	9.35	41.96	43.09	-1.128	34.63	36.75	26.72	409.65	0	
"2010-01-11	13:00:00"	5.679	41.13	22.46	10.54	4.882	39.78	27.56	9.95	44.56	45.54	-0.984	32.62	34.57	26.702	405.49	0	
"2010-01-11	14:00:00"	4.661	73.42	25.07	8.16	4.087	73.14	29.59	8.16	47.06	47.94	-0.884	28.76	30.68	26.682	499.68	0	
"2010-01-11	15:00:00"	4.972	48.33	25.97	9.95	4.243	50.43	31.13	8.75	49.74	50.8	-1.057	26.92	28.41	26.668	450.08	0	
"2010-01-11	16:00:00"	4.122	61.23	33.97	8.75	3.488	59.67	36.06	8.16	51.29	51.85	-0.566	26.65	28.4	26.662	263.05	0	
"2010-01-11	17:00:00"	5.75	109.6	27.46	8.16	4.197	107.5	28.16	6.964	51.16	51.09	0.066	27.57	30.26	26.672	123.61	0	
"2010-01-11	18:00:00"	5.485	165	10.38	6.964	3.752	161.5	11.67	5.175	50.3	49.53	0.763	29.06	32.85	26.679	79.76	0	
"2010-01-11	19:00:00"	7.157	137.2	13.1	9.35	3.673	116	22.09	5.175	47.73	44.02	3.709	30.86	38.4	26.684	1.3283	0	
"2010-01-11	20:00:00"	7.513	134.1	5.865	9.35	3.767	105.9	8.94	4.578	47.44	41.66	5.787	29.82	40.14	26.701	0	0	
"2010-01-11	21:00:00"	6.208	179.3	19.01	9.95	3.527	172.8	26.69	4.578	43.45	40.58	2.875	34.48	41.7	26.721	0	0	
"2010-01-11	22:00:00"	7.156	210.2	10.97	9.95	4.496	213.8	12.58	5.771	39.1	36.23	2.863	40.22	49.61	26.728	0	0	
"2010-01-11	23:00:00"	7.912	248.5	7.916	9.35	4.92	252.9	9.18	6.368	37	33.96	3.04	42.67	54.14	26.734	0	0	
"2010-01-12	00:00:00"	7.802	258.7	4.819	9.95	4.812	263.9	6.588	6.368	37.31	33.99	3.32	41.27	53.22	26.741	0	0	
"2010-01-12	01:00:00"	6.599	250.7	7.046	8.16	3.81	254.6	8.57	5.175	36.24	32.98	3.264	41.63	53.37	26.74	0	0	
"2010-01-12	02:00:00"	6.73	267.3	6.126	8.75	3.443	277.1	15.26	6.368	35.71	32.31	3.395	42.8	55.1	26.735	0	0	
"2010-01-12	03:00:00"	6.543	334.4	23.78	11.74	4.015	345.4	24.27	9.95	34.29	27.77	6.518	51.71	69.94	26.731	0	0	
"2010-01-12	04:00:00"	4.8	325.2	20.63	8.75	4.021	332	13.28	5.771	35.36	27.22	8.14	49.44	72.3	26.724	0	0	
"2010-01-12	05:00:00"	7.961	11.14	10.15	10.54	4.835	5.365	10.15	6.964	36.05	25.48	10.57	46.04	74.97	26.719	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-12	06:00:00"	9.28	10.86	6.086	12.33	5.491	8.07	10.93	8.75	29.73	26.35	3.38	56.82	71.62	26.72	0	0
"2010-01-12	07:00:00"	8.97	14.82	6.218	11.14	5.552	15.79	12.45	8.16	28.72	27.05	1.676	57.88	68.28	26.723	0	0
"2010-01-12	08:00:00"	8.9	18.03	5.836	12.33	5.821	22.13	10.97	8.75	28.54	26.91	1.629	56.87	66.89	26.731	1.2915	0
"2010-01-12	09:00:00"	9	21.81	7.75	11.74	6.62	22.21	12.26	9.95	29.59	29.2	0.391	56.64	63.78	26.745	83.425	0
"2010-01-12	10:00:00"	9.07	43.72	10.51	11.74	7.51	43.66	12.58	11.14	35.54	36.18	-0.637	48.61	52.75	26.771	264.88	0
"2010-01-12	11:00:00"	7.042	71.23	18.31	9.35	6.021	69.75	20.55	9.35	42.43	43.47	-1.042	39.86	42.3	26.787	432.42	0
"2010-01-12	12:00:00"	7.603	128.1	15.36	11.74	6.392	126	17.84	10.54	48.02	49.13	-1.11	31.8	33.46	26.785	558.92	0
"2010-01-12	13:00:00"	6.046	150.1	34.63	11.14	5.296	147.2	39.05	9.35	49.55	50.46	-0.908	28.49	30.12	26.76	625.59	0
"2010-01-12	14:00:00"	5.86	190.1	28.03	11.14	5.194	188.1	34.03	9.95	51.62	52.49	-0.87	26.03	27.52	26.722	628.5	0
"2010-01-12	15:00:00"	7.517	212.3	24.68	14.72	6.531	212.6	30.27	13.52	53.18	54.23	-1.049	23.8	25.04	26.692	553.22	0
"2010-01-12	16:00:00"	8.03	215.7	21.06	13.52	6.911	215.7	24.19	12.93	53.44	54.47	-1.026	23.36	24.6	26.684	443.67	0
"2010-01-12	17:00:00"	8.44	198.7	15.88	12.93	6.922	197.4	19.61	11.14	53.41	54.13	-0.727	21.61	23.09	26.681	278.73	0
"2010-01-12	18:00:00"	8.17	190.3	9.59	11.74	5.978	188.2	12.76	10.54	51.92	51.62	0.3	23.23	25.72	26.679	95.018	0
"2010-01-12	19:00:00"	6.572	188.6	8.56	8.75	3.477	183	15.15	4.578	48.09	45.25	2.835	25.95	31.29	26.674	1.8155	0
"2010-01-12	20:00:00"	8.95	172.1	6.42	11.14	4.77	165.2	7.399	6.964	44.12	40.94	3.185	29.78	36.74	26.67	0	0
"2010-01-12	21:00:00"	9.71	163	5.076	12.33	5.928	157.3	7.091	8.75	39.58	37.76	1.814	34.67	40.89	26.669	0	0
"2010-01-12	22:00:00"	8.36	173.5	8.21	11.74	4.751	170.2	10.93	7.561	38.14	35.98	2.155	40.51	47.98	26.668	0	0
"2010-01-12	23:00:00"	7.892	190.4	6.365	11.74	4.708	197.9	10.85	8.75	35.46	33.59	1.871	53.2	58.38	26.665	0	0
"2010-01-13	00:00:00"	7.775	185.4	6.667	10.54	4.712	186.5	12.02	6.964	34.18	32.37	1.812	74.67	79.48	26.652	0	0
"2010-01-13	01:00:00"	7.272	203.5	5.23	8.75	4.002	209.5	11.59	5.175	33.5	30.65	2.842	84	89	26.633	0	0
"2010-01-13	02:00:00"	8.06	206	6.311	10.54	4.41	210.2	9.76	6.964	33	31.09	1.903	89	93.6	26.609	0	0
"2010-01-13	03:00:00"	8.68	215.8	7.793	11.14	6.229	218.7	10.95	9.35	32.71	32.59	0.126	89.8	94.5	26.598	0	0
"2010-01-13	04:00:00"	7.701	220.5	13	12.33	5.98	224.4	15.17	9.35	32.78	32.81	-0.027	90	94.7	26.583	0	0
"2010-01-13	05:00:00"	8.4	210.3	9.38	11.74	6.467	211.6	12.56	9.95	31.75	31.82	-0.064	89.8	94.7	26.569	0	0
"2010-01-13	06:00:00"	8.84	204.8	6.93	12.93	6.74	206.3	11.08	11.14	30.64	30.76	-0.118	89.7	94.7	26.555	0	0
"2010-01-13	07:00:00"	9.11	203	7.329	13.52	7.119	203.5	11.05	11.14	30.31	30.38	-0.073	89.7	94.5	26.546	0	0
"2010-01-13	08:00:00"	7.913	207.7	11.87	11.14	6.282	208.3	15.38	9.95	29.29	29.43	-0.135	89.2	94.1	26.541	0.64231	0
"2010-01-13	09:00:00"	7.207	214.7	13.14	9.95	6.047	216.4	16.02	8.75	28.57	28.82	-0.251	88.6	93.7	26.544	41.08	0
"2010-01-13	10:00:00"	8.41	206.2	10.26	13.52	6.893	207.1	13.6	11.14	29.99	30.51	-0.524	89.2	94.3	26.551	149.35	0
"2010-01-13	11:00:00"	9.32	214.6	10.2	12.93	7.771	216.8	14.12	11.74	32.72	33.77	-1.058	89.9	94.6	26.551	399.62	0
"2010-01-13	12:00:00"	9.85	218.8	9.74	13.52	8.35	220	13.43	12.93	39.23	40.55	-1.319	75.23	76.22	26.54	567.68	0
"2010-01-13	13:00:00"	13.73	225	10.7	21.28	11.45	226.4	12.96	17.7	48.46	49.92	-1.462	40.55	41.89	26.506	637.54	0
"2010-01-13	14:00:00"	13.42	219.7	12.06	20.68	11.09	220.1	14.69	17.7	52.34	53.94	-1.595	29.12	30.07	26.465	641.05	0
"2010-01-13	15:00:00"	13.55	216.1	10.42	20.09	10.82	216.7	13.96	17.1	55.47	57.03	-1.561	25.26	25.96	26.431	573.32	0
"2010-01-13	16:00:00"	13.47	206.7	11.25	19.49	10.45	206.1	15.49	17.1	58.14	59.12	-0.979	19.9	20.89	26.407	379.3	0
"2010-01-13	17:00:00"	12.41	205.1	10.01	18.89	9.63	204.4	13.86	16.51	59.77	60.34	-0.563	16.95	18.06	26.394	280.32	0
"2010-01-13	18:00:00"	9.85	194.4	8.14	15.31	6.926	193.2	10.51	12.33	58.02	57.27	0.748	17.52	19.74	26.386	80.304	0
"2010-01-13	19:00:00"	10.69	183.6	7.705	15.31	6.993	181.9	11.26	11.14	53.74	51.92	1.818	20.03	23.63	26.377	1.399	0
"2010-01-13	20:00:00"	10.08	179	9.93	15.91	6.624	177.1	13.3	11.14	48.56	47.04	1.52	25	29.05	26.373	0	0
"2010-01-13	21:00:00"	7.761	201	13.91	12.93	5.294	208.1	18.61	9.95	43.78	42.48	1.298	39.22	43.58	26.375	0	0
"2010-01-13	22:00:00"	9.16	205.4	7.396	14.12	5.994	207.8	11.29	10.54	41.48	40.25	1.228	65.66	69.83	26.378	0	0
"2010-01-13	23:00:00"	11.6	203.2	7.915	16.51	8.31	204.9	11.93	12.33	40.63	40.25	0.387	83.2	87	26.376	0	0
"2010-01-14	00:00:00"	8.79	201.1	7.748	13.52	5.798	202.8	11.3	10.54	39.71	39.18	0.529	88.6	92.5	26.364	0	0
"2010-01-14	01:00:00"	9.11	192.1	7.583	12.93	6.636	192.1	10.53	9.95	40.24	40.09	0.146	90.9	94.8	26.347	0	0
"2010-01-14	02:00:00"	10.29	195.6	9.1	14.12	7.748	196.2	12.44	11.14	41.05	41.04	0.01	91.3	95.1	26.324	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-14	03:00:00"	9.2	203	8.31	12.33	6.761	204.9	12.21	9.95	41.14	41.13	0.015	91.5	95.3	26.314	0
"2010-01-14	04:00:00"	8.17	219.8	16.46	12.33	6.417	223.3	18.34	11.14	41.36	41.33	0.025	91.7	95.4	26.315	0
"2010-01-14	05:00:00"	7.438	233.9	13.75	12.33	6.014	236.8	16.01	9.95	41.75	41.73	0.015	91.8	95.6	26.319	0
"2010-01-14	06:00:00"	6.044	217.4	12.69	9.35	4.449	221.1	15.31	7.561	41.8	41.76	0.035	91.8	95.6	26.318	0
"2010-01-14	07:00:00"	4.434	222.2	39.1	8.16	3.202	225	44.91	6.368	41.68	41.61	0.073	91.9	95.6	26.328	0
"2010-01-14	08:00:00"	6.365	70.3	46.47	12.33	4.899	65.13	49.68	9.95	41.36	41.34	0.021	91.8	95.6	26.319	0.36392
"2010-01-14	09:00:00"	4.875	242.2	39.3	8.75	3.861	249	37.17	7.561	41.38	41.52	-0.14	91.9	95.7	26.354	31.81
"2010-01-14	10:00:00"	4.892	198.7	41.2	8.75	4.101	199.4	43.74	7.561	41.88	42.23	-0.351	92	95.8	26.375	118.34
"2010-01-14	11:00:00"	3.774	216	36.54	7.561	3.525	215.4	41.72	7.561	43.42	43.94	-0.52	91.8	95.3	26.389	371.05
"2010-01-14	12:00:00"	4.582	321.5	50.31	11.74	3.773	318.9	55.17	10.54	46.99	49.16	-2.17	74.4	78.77	26.386	548.61
"2010-01-14	13:00:00"	8.34	37.89	22.24	14.72	7.133	35.21	26.08	12.93	53.65	55.3	-1.652	46.87	46.89	26.363	614.74
"2010-01-14	14:00:00"	7.959	51.1	21.52	15.31	6.798	49.86	22.47	12.33	55.47	57.03	-1.554	39.91	39.91	26.344	618.12
"2010-01-14	15:00:00"	6.431	57.48	24.86	11.74	5.541	56.57	28.67	9.95	56.97	58.2	-1.23	41.93	42.1	26.335	437.89
"2010-01-14	16:00:00"	9.05	47.34	16.71	15.31	7.498	46.69	18.11	12.93	57.67	58.78	-1.113	35.69	36.03	26.34	345.01
"2010-01-14	17:00:00"	8.85	50.09	13.31	12.93	7.134	49.33	14.6	11.14	56.6	57.11	-0.507	39.05	40.22	26.358	167.9
"2010-01-14	18:00:00"	8.49	32	9.26	12.33	6.479	31.52	13.15	9.95	55.1	55.01	0.09	38.14	40.29	26.381	57.798
"2010-01-14	19:00:00"	8.28	34.99	7.712	11.14	5.799	34.35	11.22	8.75	51.6	50.99	0.614	37.49	40.88	26.4	1.0205
"2010-01-14	20:00:00"	9.58	31.81	9.65	17.1	6.877	32.38	13.77	14.12	47.47	46.89	0.579	39.78	44.08	26.42	0
"2010-01-14	21:00:00"	14.7	21.18	8.05	21.28	11.32	18.35	13.73	18.3	45.71	45.43	0.278	39.31	43.03	26.443	0
"2010-01-14	22:00:00"	13.72	18.72	9.82	19.49	10.47	16.18	15.79	17.1	43.36	43.1	0.263	43.97	48.04	26.453	0
"2010-01-14	23:00:00"	11.83	34.55	8.65	15.91	8.83	35.45	12.16	13.52	40.52	40.23	0.289	54.12	58.52	26.474	0
"2010-01-15	00:00:00"	12.04	32.9	8.49	16.51	9.1	33.53	12.27	14.72	39.24	39.07	0.169	63.66	67.91	26.481	0
"2010-01-15	01:00:00"	12.59	21.74	8.51	18.89	9.45	19.94	14.44	17.1	37.69	37.46	0.232	67.81	72.46	26.472	0
"2010-01-15	02:00:00"	14.92	22.82	7.608	20.68	11.39	21.4	13.43	17.7	36.92	36.73	0.195	71.5	76.15	26.469	0
"2010-01-15	03:00:00"	14.06	22	8.57	20.68	10.76	20.48	14.01	17.7	35.81	35.66	0.152	73.19	77.93	26.478	0
"2010-01-15	04:00:00"	12.13	26.32	8.51	18.3	9.49	25.99	13.45	15.91	36.42	36.51	-0.098	71.83	76.01	26.503	0
"2010-01-15	05:00:00"	12.03	21.89	10.22	18.3	9.37	19.61	15.64	14.72	38.11	38.2	-0.095	71.08	75.04	26.514	0
"2010-01-15	06:00:00"	12.14	15.32	9.13	17.1	9.51	11.83	15.51	14.72	39.22	39.31	-0.089	71.39	75.22	26.52	0
"2010-01-15	07:00:00"	13.6	7.361	11.09	19.49	10.58	1.148	14.44	17.1	39.78	39.84	-0.054	69.99	73.9	26.536	0
"2010-01-15	08:00:00"	14.63	12.81	8.51	20.09	11.37	8.13	15.35	18.89	39.27	39.29	-0.021	67.44	71.49	26.553	0.58088
"2010-01-15	09:00:00"	14.01	21.02	9.58	20.09	10.98	18.79	14.88	18.3	39.02	39.14	-0.117	72.05	75.82	26.57	18.467
"2010-01-15	10:00:00"	14.27	20.5	9.41	20.09	11.2	17.97	15.48	17.1	40.91	41.37	-0.459	74.45	77.25	26.587	131.95
"2010-01-15	11:00:00"	13.4	19.48	9.88	18.89	10.54	16.48	16.21	16.51	42.8	43.62	-0.816	74.26	75.93	26.606	219.31
"2010-01-15	12:00:00"	11.81	32.45	12.92	17.7	9.54	31.74	16.78	15.31	44.55	45.62	-1.063	74.82	75.72	26.619	283.49
"2010-01-15	13:00:00"	10.35	26.09	17.15	16.51	8.45	23.66	22.28	14.72	45.97	47.32	-1.349	72.74	72.9	26.604	390.4
"2010-01-15	14:00:00"	9.24	51.78	19.65	14.72	7.788	51.27	21.84	13.52	48.06	49.88	-1.817	67.73	66.82	26.578	620.16
"2010-01-15	15:00:00"	8.93	56.25	22.12	16.51	7.519	55.39	24.26	13.52	49.74	51.24	-1.501	64.41	63.99	26.559	442.29
"2010-01-15	16:00:00"	8.81	49.91	17.65	15.31	7.246	49.81	20.71	12.93	50.34	51.52	-1.186	62.78	62.97	26.548	324.32
"2010-01-15	17:00:00"	9.14	48.93	15.44	15.31	7.428	48.64	18.02	13.52	50.6	51.57	-0.974	61.9	62.48	26.546	252.01
"2010-01-15	18:00:00"	8.91	70.37	10.35	13.52	6.875	69.99	11.63	11.14	49.87	50.06	-0.186	61.85	64.06	26.538	91.407
"2010-01-15	19:00:00"	7.492	78.94	6.91	10.54	4.72	76.77	9.38	7.561	46.07	44.92	1.146	68.28	73.12	26.536	2.2553
"2010-01-15	20:00:00"	6.983	74.47	5.758	10.54	4.161	70.46	9.25	7.561	42.01	40.7	1.315	75.56	81.2	26.536	0
"2010-01-15	21:00:00"	7.39	78.74	3.915	8.16	3.794	67.74	6.848	5.175	40.47	37.87	2.6	78.95	86.3	26.534	0
"2010-01-15	22:00:00"	7.863	82.9	6.121	8.75	3.736	60.24	9.93	4.578	40.37	36.41	3.959	79.16	88.5	26.535	0
"2010-01-15	23:00:00"	6.261	85	3.362	7.561	2.567	51.61	11.08	3.982	40.38	36.82	3.559	78.97	88.6	26.543	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-16	00:00:00"	5.703	74.65	7.63	6.368	3.157	41.46	7.398	4.578	39.22	34.97	4.252	81.7	90.7	26.547	0
"2010-01-16	01:00:00"	4.347	106.8	15.13	5.771	1.73	44.31	17.98	3.982	39.08	36.02	3.062	83.9	91.8	26.537	0
"2010-01-16	02:00:00"	2.239	154.2	39.58	5.175	1.132	345.5	34.08	2.789	39.38	36.11	3.274	86.1	93.9	26.528	0
"2010-01-16	03:00:00"	3.856	158.1	27.21	5.175	1.019	116.5	54.18	2.193	38.6	35.35	3.251	88.5	94.4	26.527	0
"2010-01-16	04:00:00"	3.781	261.9	12.5	7.561	2.592	303.4	13.15	3.982	37.55	32.27	5.278	90.3	94.4	26.518	0
"2010-01-16	05:00:00"	5.422	268.7	7.894	6.964	2.75	305.4	5.357	3.982	36.19	28.94	7.259	90.3	94	26.494	0
"2010-01-16	06:00:00"	6.619	278.9	23.98	9.35	2.814	294.3	25.31	6.964	33.62	29.14	4.474	90	93.8	26.467	0
"2010-01-16	07:00:00"	4.005	263.9	16.07	6.368	1.955	291.7	35.83	3.982	33.18	30.56	2.62	90.2	94.3	26.471	0
"2010-01-16	08:00:00"	5.444	281.6	8.27	8.16	2.692	312.8	12.14	4.578	34.28	29.37	4.908	90.6	93.7	26.468	1.1571
"2010-01-16	09:00:00"	3.51	287.8	12.41	5.175	2.14	316.3	19.75	3.386	33.49	31.09	2.404	90.3	94.2	26.465	55.907
"2010-01-16	10:00:00"	2.137	281.6	22.47	5.175	1.94	284.5	27.17	4.578	34.63	34.84	-0.218	90.7	95.3	26.48	191.74
"2010-01-16	11:00:00"	2.299	187.1	48.85	6.368	2.176	185.2	40.06	5.771	40.18	40.7	-0.518	91.7	95.1	26.5	421.51
"2010-01-16	12:00:00"	6.537	215.1	16.97	10.54	5.801	216.2	22.16	9.95	44.06	46.67	-2.613	87	75.42	26.492	561.56
"2010-01-16	13:00:00"	5.019	216	38.09	10.54	4.449	213.9	46.03	9.95	48.42	51.93	-3.505	54.12	54.14	26.461	627.82
"2010-01-16	14:00:00"	5.428	252.7	37.44	11.74	4.681	255.4	44.05	11.14	53.29	54.41	-1.12	45.68	46.44	26.421	629.74
"2010-01-16	15:00:00"	4.782	275.2	73.93	11.14	4.171	285.1	73.4	8.75	55.75	56.81	-1.065	38.78	39.26	26.392	556.66
"2010-01-16	16:00:00"	6.114	224.5	43.86	16.51	5.098	224.3	50.52	11.74	57.27	58.27	-1.005	35.94	36.43	26.375	444.83
"2010-01-16	17:00:00"	7.998	233.3	37.25	13.52	6.306	233.9	38.89	13.52	58.53	59.24	-0.713	29.19	30.12	26.367	261.16
"2010-01-16	18:00:00"	8.49	292.4	9.73	14.12	5.125	293.2	11.79	10.54	58.15	57.9	0.247	20.62	22.46	26.375	98.314
"2010-01-16	19:00:00"	9.56	289.8	16.12	13.52	5.272	295.4	18.42	9.95	54.3	51.8	2.498	24.47	29	26.378	2.1453
"2010-01-16	20:00:00"	9.28	319.9	20.64	11.74	4.558	334	26.27	6.964	49.7	44.31	5.395	28.76	37.61	26.391	0
"2010-01-16	21:00:00"	6.785	101.1	31.79	9.35	3.536	70.61	39.5	6.368	43.14	38.98	4.163	61.94	68.47	26.398	0
"2010-01-16	22:00:00"	5.743	127.1	24.06	8.75	1.703	81.2	25.37	5.771	43.15	38.66	4.484	63.58	76.28	26.403	0
"2010-01-16	23:00:00"	8.51	114.1	11.86	11.14	4.314	94.7	25.94	6.964	41.68	37.25	4.435	68.92	80.5	26.403	0
"2010-01-17	00:00:00"	5.728	124	8.86	8.75	2.728	101.9	20.2	4.578	39.2	36.57	2.633	74.62	82.7	26.408	0
"2010-01-17	01:00:00"	6.031	157.7	13.95	7.561	3.043	158.2	24.91	5.175	39.72	37.32	2.4	73.06	81.5	26.39	0
"2010-01-17	02:00:00"	6.589	170.8	10.02	8.75	3.47	174.8	12.04	5.771	39.79	37.2	2.59	71.35	80.9	26.374	0
"2010-01-17	03:00:00"	4.795	225.9	33.06	6.368	2.92	253.9	39.81	4.578	40.42	36.98	3.444	69.31	80.3	26.37	0
"2010-01-17	04:00:00"	4.932	282.5	10.94	6.368	3.544	324	19.01	5.175	40	32.67	7.327	68.06	84.6	26.359	0
"2010-01-17	05:00:00"	5.577	279.8	8.34	7.561	3.497	307	9.41	5.771	40.05	32.43	7.627	65.87	81.4	26.348	0
"2010-01-17	06:00:00"	4.324	262.2	6.983	5.771	3.203	308.7	7.668	5.175	39.23	34.69	4.539	67.12	75.96	26.332	0
"2010-01-17	07:00:00"	4.995	272.4	7.233	5.771	3.205	300.3	6.226	4.578	38.58	33.9	4.681	71.79	80	26.337	0
"2010-01-17	08:00:00"	5.159	272	8.16	8.16	3.419	302.5	8.16	5.175	37.83	33.04	4.792	74.79	80.9	26.341	1.17
"2010-01-17	09:00:00"	6.775	263.2	6.748	9.35	4.846	270.2	12	7.561	37.97	36	1.967	78.16	84.4	26.36	86.266
"2010-01-17	10:00:00"	5.37	251.2	14.87	7.561	4.822	252.8	16.76	7.561	41.06	41.48	-0.427	73.61	77.09	26.379	269.55
"2010-01-17	11:00:00"	5.63	218.7	16.61	8.75	4.965	219.5	21.38	7.561	48.82	49.46	-0.634	47.68	50.08	26.379	434.53
"2010-01-17	12:00:00"	8.06	217.6	11.39	11.74	6.841	218.8	15.65	9.95	54.49	55.35	-0.863	34.37	35.59	26.366	407.65
"2010-01-17	13:00:00"	9.27	217.8	15.87	15.91	7.995	218.2	19.01	12.93	58.48	59.8	-1.32	27.24	27.83	26.339	649.26
"2010-01-17	14:00:00"	10.68	211.4	16.97	18.89	8.94	211.1	20.43	16.51	61.26	62.78	-1.526	23.64	23.79	26.304	653.94
"2010-01-17	15:00:00"	12.52	211.7	12.96	19.49	10.13	211.8	17.01	16.51	62.79	64.26	-1.47	20.33	20.47	26.281	548.27
"2010-01-17	16:00:00"	13.56	221.7	14.16	23.66	11.13	222.6	15.99	19.49	64.34	65.53	-1.188	18.55	18.71	26.272	467.75
"2010-01-17	17:00:00"	15.08	234.2	10.41	21.87	12.71	235.7	12.46	21.28	63.7	64.34	-0.648	16.12	16.71	26.275	290.94
"2010-01-17	18:00:00"	10.83	238.4	9.26	19.49	9.38	238.9	10.57	18.3	60.24	59.84	0.404	18.86	20.41	26.291	36.165
"2010-01-17	19:00:00"	8.01	237.1	6.564	13.52	5.399	237.2	9.59	9.95	56.48	54.74	1.747	21.28	24.61	26.301	0.79266
"2010-01-17	20:00:00"	6.214	227.7	5.764	8.75	3.79	227	12.01	6.368	54.34	51.55	2.79	23.41	28.19	26.311	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-17	21:00:00"	7.533	233	7.185	11.14	4.519	235.5	10.97	7.561	53.32	50.42	2.904	24.57	29.9	26.326	0	0
"2010-01-17	22:00:00"	8.88	249.9	9.21	12.93	5.868	251.1	11.6	9.35	52.1	50.26	1.838	26.88	31.15	26.331	0	0
"2010-01-17	23:00:00"	8.01	251.2	16.53	12.33	5.303	250.8	19.68	8.75	51.01	49.4	1.607	28.98	33.19	26.338	0	0
"2010-01-18	00:00:00"	6.836	226.7	14.01	10.54	4.358	215.6	18.49	8.75	49.66	46.56	3.098	30.62	36.77	26.342	0	0
"2010-01-18	01:00:00"	7.915	208.4	17.3	11.74	4.899	207.4	21.94	8.16	47.29	44.29	2.997	32.45	39.09	26.349	0	0
"2010-01-18	02:00:00"	6.165	209.3	14.72	9.35	3.327	214.5	22.14	7.561	46.76	43.25	3.514	31.48	38.68	26.339	0	0
"2010-01-18	03:00:00"	5.752	204.7	21.67	9.35	3.268	199	31.66	6.368	46.13	41.36	4.775	31.84	40.69	26.332	0	0
"2010-01-18	04:00:00"	6.596	201.7	15.07	8.75	3.371	205.2	26.78	5.771	43.97	39.43	4.539	34.31	44.79	26.332	0	0
"2010-01-18	05:00:00"	4.361	252.8	20.82	9.35	2.047	226.2	35.37	6.368	45.66	42.28	3.381	33.34	40.89	26.318	0	0
"2010-01-18	06:00:00"	6.516	211.2	25.68	12.93	4.274	203	25.9	10.54	44.54	42.23	2.315	36.07	43.28	26.325	0	0
"2010-01-18	07:00:00"	8.03	292.5	17.31	12.33	4.124	298.3	23.75	8.16	45.7	42.69	3.01	34.55	42.13	26.337	0	0
"2010-01-18	08:00:00"	9.18	299.8	9.08	12.33	4.081	303.8	11.02	8.16	42.16	39.55	2.603	38.21	46.49	26.349	0.86141	0
"2010-01-18	09:00:00"	8.4	295.9	6.374	11.14	3.959	297.1	10.29	7.561	42.4	40.85	1.552	38.47	45.52	26.367	85.141	0
"2010-01-18	10:00:00"	9.83	285.8	9.71	15.91	7.002	284.8	11.65	12.93	50.36	50.86	-0.501	29.98	32.15	26.388	267.53	0
"2010-01-18	11:00:00"	11.36	286.8	9.87	18.3	7.835	287.2	11.76	13.52	55.14	56.04	-0.897	25	26.33	26.395	359.76	0
"2010-01-18	12:00:00"	12.32	278.8	10.51	17.7	9.41	279	13.05	16.51	58.29	59.43	-1.139	21.8	22.63	26.391	421.52	0
"2010-01-18	13:00:00"	12.37	267	13.03	20.09	9.93	268.3	15.08	18.3	59.72	61.19	-1.477	20.67	21.18	26.365	557.51	0
"2010-01-18	14:00:00"	15.09	266.1	12.65	24.26	11.99	268.6	14.47	20.68	62.04	63.61	-1.565	19	19.17	26.337	565.95	0
"2010-01-18	15:00:00"	17.1	264.8	10.81	27.24	13.25	266.6	12.69	23.07	62.81	63.61	-0.802	20.83	21.29	26.32	328.51	0
"2010-01-18	16:00:00"	20.28	269.2	12.68	31.42	15.46	271.6	13.95	25.45	64.09	65.02	-0.936	20.16	20.41	26.301	379.84	0
"2010-01-18	17:00:00"	17.43	269.8	10.61	25.45	13.34	271.5	12.28	21.87	63.51	63.95	-0.437	19.66	20.31	26.306	220.87	0
"2010-01-18	18:00:00"	12.1	266	7.834	21.87	9.34	267.8	10.36	20.09	62.19	61.83	0.358	20.48	21.78	26.312	62.139	0
"2010-01-18	19:00:00"	7.079	259.1	7.329	9.95	4.427	262.5	11.17	6.964	57.58	55.2	2.38	23.28	26.9	26.321	1.456	0
"2010-01-18	20:00:00"	5.486	225.1	15.2	7.561	3.048	218	39.84	4.578	55.04	52.26	2.778	24.46	29.18	26.324	0	0
"2010-01-18	21:00:00"	6.914	238.1	6.455	8.16	3.974	246.4	12.26	5.771	53.87	49.97	3.897	24.82	31.08	26.325	0	0
"2010-01-18	22:00:00"	6.835	240.2	6.072	11.14	4.234	242.8	14.59	7.561	52.35	48.94	3.415	26.25	32.29	26.323	0	0
"2010-01-18	23:00:00"	8.46	261.8	8.67	12.93	5.487	261.3	11.04	9.95	52.55	50.37	2.181	29.37	33.74	26.33	0	0
"2010-01-19	00:00:00"	9.31	257.6	8.58	12.93	6.149	259	11.04	9.35	52	50.06	1.942	32.1	36.5	26.329	0	0
"2010-01-19	01:00:00"	7.941	271.1	7.171	10.54	4.744	275.1	11.46	7.561	51.98	49.04	2.946	32.59	38.22	26.321	0	0
"2010-01-19	02:00:00"	7.023	255.2	14.35	9.95	4.01	263.1	23.27	6.964	49.78	45.59	4.186	35.56	43.99	26.305	0	0
"2010-01-19	03:00:00"	8.75	251	7.389	12.93	5.399	255.7	11.07	9.35	46.79	44.04	2.753	39.79	47.41	26.294	0	0
"2010-01-19	04:00:00"	6.188	217.5	16.96	8.16	3.508	205.2	23.89	5.175	45.4	41.48	3.921	42.78	52.53	26.272	0	0
"2010-01-19	05:00:00"	6.598	206.8	10.31	8.16	3.526	207.3	14.34	4.578	46.96	43.21	3.754	40.26	50.2	26.251	0	0
"2010-01-19	06:00:00"	4.85	255	23.65	8.16	2.832	275.7	24.92	6.368	46.64	44.01	2.634	39.9	48.15	26.241	0	0
"2010-01-19	07:00:00"	7.021	287.1	22.6	9.95	3.641	294.5	26.77	5.771	46.45	43.08	3.367	41.13	51.26	26.243	0	0
"2010-01-19	08:00:00"	4.87	297.1	34.55	8.16	2.805	313	52.15	5.771	45.34	42.82	2.523	46.11	54.4	26.255	0.78954	0
"2010-01-19	09:00:00"	4.763	212.8	25.07	8.16	3.132	193.9	28.99	6.368	43.99	41.72	2.273	48.44	57.49	26.267	66.642	0
"2010-01-19	10:00:00"	6.378	211.5	20.33	10.54	5.226	212.5	22.52	8.16	47.14	47.22	-0.071	38.97	42.54	26.277	116.54	0
"2010-01-19	11:00:00"	6.566	211.1	9.54	9.35	5.501	211.9	12.96	8.16	49.82	50.27	-0.443	35.37	37.58	26.282	171.69	0
"2010-01-19	12:00:00"	6.99	250	23.92	11.14	5.913	250.8	24.74	9.95	53.33	53.8	-0.462	32.44	34.17	26.281	176.7	0
"2010-01-19	13:00:00"	11.91	255.4	28.03	32.01	9.19	256.5	29.73	26.05	60.3	60.93	-0.634	27.81	28.78	26.257	356.28	0
"2010-01-19	14:00:00"	24.02	280.5	12.39	37.98	16.92	281.3	13.87	32.01	67.15	68.47	-1.319	20.26	20.09	26.207	610.11	0
"2010-01-19	15:00:00"	22.16	269.3	12.8	36.78	17.03	271.1	14.36	30.82	67.39	68.14	-0.75	17.84	17.99	26.178	396.69	0
"2010-01-19	16:00:00"	26.25	273.1	14.48	40.96	19.22	274.7	15.71	33.8	68.23	69.15	-0.912	16.78	16.75	26.17	415.9	0
"2010-01-19	17:00:00"	26.09	272.7	9.95	39.17	19.8	274.8	11.88	32.61	66.09	66.61	-0.516	16.88	17.22	26.192	287	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-19	18:00:00"	19.27	267.6	9.48	32.01	14.77	269.5	11.44	27.24	64.5	64.32	0.18	16.84	17.74	26.198	103.34
"2010-01-19	19:00:00"	16.38	266.6	8.99	23.66	12.48	268.5	10.95	20.09	62.38	61.63	0.746	15.98	17.45	26.201	3.3248
"2010-01-19	20:00:00"	13.33	272.9	8.53	21.87	9.7	274.3	10.73	17.7	59.06	58.1	0.961	19.64	21.65	26.21	0
"2010-01-19	21:00:00"	10.48	291	11.84	17.7	6.018	296.6	18.91	11.74	55.13	53.33	1.797	24.07	27.31	26.209	0
"2010-01-19	22:00:00"	8.71	311.8	9.98	10.54	4.144	317.7	16.43	6.368	49.57	45.7	3.873	29.62	35.63	26.213	0
"2010-01-19	23:00:00"	9.98	303.5	4.768	11.14	5.194	318.3	6.828	6.368	50.74	43.23	7.51	30.69	40.59	26.207	0
"2010-01-20	00:00:00"	8.29	279.4	15.05	11.14	4.301	275.7	26.01	6.368	49.22	43.79	5.425	33.52	42.34	26.2	0
"2010-01-20	01:00:00"	7.372	294.5	12.75	10.54	4.265	313	13.65	6.964	49.3	42.01	7.292	33.94	45.4	26.185	0
"2010-01-20	02:00:00"	8.29	335.6	39.7	11.74	4.82	3.299	52.43	6.964	49.9	40.57	9.33	32.53	49.15	26.155	0
"2010-01-20	03:00:00"	5.486	175.6	7.963	8.75	3.32	153.3	21.74	5.771	47.88	41.42	6.459	34.61	47.79	26.149	0
"2010-01-20	04:00:00"	5.879	173.8	9.94	8.16	3.484	180.6	15.38	5.771	42.43	39.94	2.491	41.99	50.36	26.136	0
"2010-01-20	05:00:00"	7.972	180.9	17.5	18.3	5.1	180	22.86	14.72	44.07	42.32	1.745	37.79	44.48	26.118	0
"2010-01-20	06:00:00"	6.764	186.2	10.92	10.54	4.299	191	21.85	8.16	42.76	41.73	1.034	38.02	43.88	26.105	0
"2010-01-20	07:00:00"	7.362	194	15.21	11.74	4.105	201.5	28.21	7.561	44.87	42.27	2.594	36.8	43.8	26.094	0
"2010-01-20	08:00:00"	7.809	177.6	24.18	11.74	5.017	178.3	31.79	8.75	45.84	44.18	1.657	43.01	49.14	26.083	1.1737
"2010-01-20	09:00:00"	6.201	213.5	19.25	9.35	3.977	221.7	27.51	6.964	44.59	42.85	1.744	45.4	52.19	26.087	38.723
"2010-01-20	10:00:00"	7.421	215.5	13.65	14.72	5.863	216.3	16.83	12.93	47.05	47.07	-0.025	41.01	44.59	26.101	248.26
"2010-01-20	11:00:00"	13.27	216.4	9.89	26.65	10.39	216.2	13.68	22.47	57.41	58.36	-0.947	25.84	26.94	26.102	432.63
"2010-01-20	12:00:00"	26.71	246.6	11.15	42.15	22.52	247.8	13.05	35.59	62.98	63.86	-0.881	25.4	25.72	26.079	483.38
"2010-01-20	13:00:00"	27.32	263.2	10.83	45.13	21.23	265.5	12.56	42.15	61.95	62.76	-0.806	28	28.4	26.066	400.63
"2010-01-20	14:00:00"	33.03	262	10.38	48.12	25.99	264	12.13	43.35	60.23	61.26	-1.032	32.85	33.03	26.046	603.6
"2010-01-20	15:00:00"	34.62	261.3	9.08	56.47	27.18	263.6	10.99	43.35	59.18	60.05	-0.873	27.51	28.03	26.027	547.92
"2010-01-20	16:00:00"	33.44	268.9	10.16	48.71	25.71	270.6	11.79	40.36	59.37	60.14	-0.773	22.78	23.42	26.024	458.08
"2010-01-20	17:00:00"	32.11	272.7	9.16	50.5	24.4	275	11.17	40.96	58.8	59.29	-0.496	21.96	22.88	26.036	294.99
"2010-01-20	18:00:00"	29.46	277.3	8.21	44.54	21.5	279	10.51	36.78	57.96	57.91	0.05	21.18	22.59	26.062	107.07
"2010-01-20	19:00:00"	19.31	269.6	9.03	32.01	14.76	271.3	11.08	26.05	55.52	55.01	0.511	23.99	26.04	26.085	3.939
"2010-01-20	20:00:00"	13.91	260.9	8.18	20.68	10.75	263.2	10.03	16.51	52.14	51.45	0.695	28.09	30.72	26.102	0
"2010-01-20	21:00:00"	11.47	239.9	12.84	17.1	8.92	239.7	14.42	14.72	48.09	47.27	0.828	32.24	35.5	26.116	0
"2010-01-20	22:00:00"	13.23	252.7	14.81	20.09	10.09	254.4	16.21	17.7	46.25	45.42	0.834	34.08	37.57	26.125	0
"2010-01-20	23:00:00"	10.72	252.8	12.67	15.91	7.971	253.7	14.23	12.93	45.15	44.14	1.016	35.31	39.33	26.141	0
"2010-01-21	00:00:00"	7.706	258.1	15.92	13.52	5.102	261.5	19.34	9.95	41.31	39.65	1.658	38.99	45.07	26.138	0
"2010-01-21	01:00:00"	11.54	269.1	15.6	22.47	7.51	270.4	20.55	18.89	41.61	39.46	2.146	38.92	46.03	26.135	0
"2010-01-21	02:00:00"	14.51	288.5	12.34	24.26	8.84	290.1	14.31	18.3	41.34	40.32	1.023	39.81	45.11	26.139	0
"2010-01-21	03:00:00"	12.49	292.2	6.933	18.3	6.724	292.8	9.61	12.93	40.69	39.48	1.211	40.95	46.88	26.142	0
"2010-01-21	04:00:00"	11.4	291.9	8.83	18.3	5.758	296.6	11.88	12.33	42.17	40.12	2.052	37.67	44.39	26.142	0
"2010-01-21	05:00:00"	10.24	294.6	16.29	14.12	5.464	299.5	19.93	12.33	40.79	38.04	2.753	39.65	48.42	26.132	0
"2010-01-21	06:00:00"	9.47	254.1	20.31	18.3	6.581	255.2	24.67	15.31	41.25	39.73	1.519	39.98	46.15	26.134	0
"2010-01-21	07:00:00"	9.09	288.8	16.63	12.93	4.773	294.7	20.43	8.75	39.44	36.53	2.905	43.11	52.51	26.138	0
"2010-01-21	08:00:00"	9.92	308.8	14.22	12.93	4.389	316	17.44	6.964	39.23	35.13	4.107	45.58	56.81	26.146	1.5304
"2010-01-21	09:00:00"	8.21	341.1	37.12	13.52	5.864	340.7	40.68	11.14	38.69	38.15	0.544	48.36	54.03	26.173	92.252
"2010-01-21	10:00:00"	5.872	300.7	22.95	9.35	4.386	299.9	22.82	8.16	43.88	44.55	-0.67	41.68	44.39	26.206	176.09
"2010-01-21	11:00:00"	6.144	290.6	20.85	9.35	4.583	290.4	21.84	7.561	47.29	47.95	-0.659	40.34	42.61	26.218	190.26
"2010-01-21	12:00:00"	8.5	242.2	17.34	12.33	7.489	243.1	19.54	10.54	51.46	52.31	-0.847	40.61	42.09	26.219	339.18
"2010-01-21	13:00:00"	12.82	220.1	15.89	23.66	10.61	220.7	19.17	19.49	59.11	60.62	-1.51	37.42	37.21	26.178	635.77
"2010-01-21	14:00:00"	16.76	226.9	13.99	25.45	13.72	228.1	16.64	23.07	62.37	64.07	-1.698	33.9	33.28	26.132	634.06

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-21	15:00:00"	17.93	222.4	14.26	30.22	14.51	223.4	17.22	24.26	63.55	65.14	-1.585	31.96	31.4	26.117	573.14	0	
"2010-01-21	16:00:00"	15.55	233	13.68	27.24	13.11	234	16.26	26.65	63.69	64.76	-1.067	31.6	31.49	26.122	375.78	0	
"2010-01-21	17:00:00"	15.02	213.3	12.27	24.86	11.51	213.2	15.71	21.28	64.07	64.55	-0.484	30.28	30.71	26.127	196.08	0	
"2010-01-21	18:00:00"	11.63	201.2	10.57	20.09	8.74	199.9	13.9	15.31	64.27	64.12	0.147	29.28	30.27	26.135	109.51	0	
"2010-01-21	19:00:00"	7.336	184.7	11.74	11.14	4.246	176.3	15.13	7.561	60.48	57.92	2.555	31.76	35.44	26.144	3.8922	0	
"2010-01-21	20:00:00"	7.453	169.3	23.82	10.54	4.069	154.7	32.95	6.368	55.99	52.97	3.021	35.08	40.47	26.158	0	0	
"2010-01-21	21:00:00"	8.64	140	9.44	11.74	4.671	118.4	18.91	7.561	54.65	50.96	3.688	36.46	43.4	26.157	0	0	
"2010-01-21	22:00:00"	10.41	149.1	6.088	12.93	6.122	143.9	8.6	8.75	55.5	53.02	2.475	35.58	40.55	26.158	0	0	
"2010-01-21	23:00:00"	10.57	145.4	6.218	13.52	6.284	141.8	8.38	9.35	54.19	52	2.184	36.8	41.85	26.163	0	0	
"2010-01-22	00:00:00"	10.74	141.7	7.831	14.72	6.623	137.8	11.27	9.95	53.59	51.67	1.917	37.65	42.57	26.149	0	0	
"2010-01-22	01:00:00"	11.94	160.7	12.61	18.89	8.43	159	12.24	14.12	51.16	49.97	1.197	42.29	46.85	26.132	0	0	
"2010-01-22	02:00:00"	7.377	206.3	22.19	12.93	4.719	215.3	30.62	9.35	47.99	45.88	2.11	54.37	60.25	26.113	0	0	
"2010-01-22	03:00:00"	7.755	199.7	13.51	11.14	4.8	207.8	16.4	8.16	48.02	45.81	2.203	59.69	65.69	26.077	0	0	
"2010-01-22	04:00:00"	8.18	228.1	13.15	11.14	5.414	236	15.58	8.16	46.06	43.94	2.123	65.73	72.12	26.062	0	0	
"2010-01-22	05:00:00"	7.891	227.6	6.764	11.14	4.812	234.1	11	6.368	44.82	41.79	3.022	68.66	75.95	26.051	0	0	
"2010-01-22	06:00:00"	8	208.9	10.01	11.14	4.587	211.2	16.16	6.964	44.77	41.65	3.115	72.12	80	26.047	0	0	
"2010-01-22	07:00:00"	8.71	192.6	14.5	13.52	5.179	192.9	21.5	9.95	44.41	41.61	2.798	75.2	83.1	26.038	0	0	
"2010-01-22	08:00:00"	8.82	167.7	8.46	12.93	5.76	166.3	11.73	8.75	44.24	42.91	1.335	72.37	78.85	26.026	1.7406	0	
"2010-01-22	09:00:00"	6.411	174.9	11.34	9.95	4.368	172.4	15.49	6.964	45.27	44.56	0.715	63.01	68.83	26.029	91.02	0	
"2010-01-22	10:00:00"	13.34	186.2	9.87	24.86	10.43	184.2	12.49	19.49	54.02	54.27	-0.246	42.09	44.48	26.038	275.44	0	
"2010-01-22	11:00:00"	20.34	186.2	8.9	29.63	15.97	183.8	12.42	24.26	60.56	61.3	-0.738	31.98	32.67	26.025	443.42	0	
"2010-01-22	12:00:00"	23.69	200.9	10.92	36.19	18.13	200.2	14.64	30.82	65.26	66.36	-1.095	27.21	27.17	25.993	557.78	0	
"2010-01-22	13:00:00"	27.62	214.7	12.43	49.91	21.15	215.2	15.59	40.96	69.8	71.08	-1.282	24.01	23.41	25.951	625.34	0	
"2010-01-22	14:00:00"	33.48	222.4	9.53	48.12	25.84	223.4	12.58	40.36	73.03	74.14	-1.112	21.89	21.11	25.913	623.55	0	
"2010-01-22	15:00:00"	33.51	236.9	11.26	52.29	28.06	238.1	13.13	42.75	74.15	75.02	-0.865	21.67	20.92	25.896	542.01	0	
"2010-01-22	16:00:00"	32.34	286.3	16.39	46.92	20.8	286.9	17.53	36.78	64.99	66	-1.002	37.3	36.93	25.933	424.31	0	
"2010-01-22	17:00:00"	30.39	296.9	8.56	45.73	17.63	297	10.78	31.42	58.6	59.45	-0.85	44.73	45.1	25.993	270.15	0	
"2010-01-22	18:00:00"	25.23	301.2	11.28	44.54	14.73	301.1	12.75	29.63	52.2	52.39	-0.189	59.21	61.26	26.033	45.551	0	
"2010-01-22	19:00:00"	20.43	309.4	9.07	32.61	12.27	309.2	11.25	26.65	49.01	49.1	-0.082	67.88	70.56	26.038	0.95507	0	
"2010-01-22	20:00:00"	21	305.4	9.83	35.59	12.31	304.2	11.83	24.86	47.67	47.72	-0.049	71.36	74.53	26.039	0	0	
"2010-01-22	21:00:00"	23.71	296.9	8.95	36.78	13.73	296.8	10.86	24.86	46.74	46.63	0.111	73.2	77.55	26.044	0	0.01	
"2010-01-22	22:00:00"	26	283.5	12.62	45.13	17.93	284.2	13.87	38.57	46.78	46.51	0.274	71.72	76.93	26.04	0	0.02	
"2010-01-22	23:00:00"	22.55	261.4	22.15	42.75	17.19	262.8	23.11	32.61	45.09	45.34	-0.255	78.36	80.7	26.083	0	0.1	
"2010-01-23	00:00:00"	13.29	248.1	14.7	24.26	10.83	249.4	16.7	22.47	45.43	45.17	0.265	74.54	80.2	26.073	0	0	
"2010-01-23	01:00:00"	12.65	230	13.34	21.87	10.25	231.5	15.47	16.51	44.37	44.31	0.058	82.1	86.7	26.059	0	0	
"2010-01-23	02:00:00"	13.84	223.2	13.58	23.07	10.91	225.2	16.11	18.89	43.64	43.69	-0.046	87	91	26.042	0	0	
"2010-01-23	03:00:00"	14.98	206.1	9.56	21.87	11.3	207.4	13.29	18.3	42.98	43.09	-0.117	89.7	93.4	26.033	0	0	
"2010-01-23	04:00:00"	15.09	217	8.41	23.07	11.48	219.3	11.62	18.3	42.65	42.75	-0.103	89.4	93.2	26.032	0	0	
"2010-01-23	05:00:00"	12.21	213.2	14.22	18.3	9.4	214.5	17.32	14.72	42.46	42.56	-0.099	89.2	93	26.015	0	0	
"2010-01-23	06:00:00"	10.79	203.8	15.63	18.89	8.27	204.7	19.04	15.91	41.75	41.85	-0.095	89.4	93.2	26.004	0	0	
"2010-01-23	07:00:00"	8.4	218.2	12.74	13.52	6.693	219.9	15.14	11.14	41.67	41.8	-0.135	90.3	94	26.018	0	0	
"2010-01-23	08:00:00"	6.933	218.1	11.04	10.54	5.623	220.7	13.92	9.35	41.63	41.72	-0.084	90.9	94.6	26.019	0.36897	0	
"2010-01-23	09:00:00"	8.64	216	14.94	14.12	7.028	217.2	18.04	11.74	41.61	41.73	-0.12	91.3	94.9	26.031	10.063	0	
"2010-01-23	10:00:00"	8.56	207.7	11.09	12.93	6.921	209.4	14.58	11.14	42.25	42.33	-0.078	89.9	93.9	26.032	56.358	0.01	
"2010-01-23	11:00:00"	13.24	221	16.41	26.65	10.93	221.9	18.26	25.45	44.71	45.12	-0.409	81.2	85.7	26.028	326.98	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-23	12:00:00"	24.55	265.1	9.86	40.36	19	267	11.86	32.01	48.17	48.54	-0.371	57.71	62.39	26.032	290.49	0	
"2010-01-23	13:00:00"	29.53	288.3	25.31	49.31	20.24	289.4	24.84	37.38	47.49	48.15	-0.661	58.45	62.5	26.015	415.66	0	
"2010-01-23	14:00:00"	25.75	300	12.89	38.57	15.85	299.8	14.5	28.43	48.43	49.77	-1.341	55.74	58.39	26.011	657.52	0	
"2010-01-23	15:00:00"	26.17	274.4	10.07	39.77	19.6	276.3	12	33.21	51.08	52.15	-1.062	44.13	46.46	25.997	511.93	0	
"2010-01-23	16:00:00"	24.81	291.1	28.98	46.33	18.84	291.3	28.24	43.35	51.7	52.69	-0.996	39.46	41.24	25.994	425.9	0	
"2010-01-23	17:00:00"	34.62	289.7	14.61	59.45	22.3	290.3	15.41	44.54	50.48	51.2	-0.721	37.13	39.28	26.02	295.48	0	
"2010-01-23	18:00:00"	27.04	283.7	9.09	42.15	18.39	284.6	11.01	37.98	47	47.11	-0.115	37.7	40.78	26.058	98.238	0	
"2010-01-23	19:00:00"	23.15	275.4	8.62	33.21	17.37	276.9	10.63	29.03	46.57	46.24	0.332	36.41	39.91	26.076	5.4494	0	
"2010-01-23	20:00:00"	23.61	277.7	7.731	33.8	17.47	279	9.97	29.03	44.76	44.38	0.383	39.71	44.02	26.098	0	0	
"2010-01-23	21:00:00"	24.72	276.7	7.03	39.17	18.3	278.6	9.73	32.01	43.3	42.93	0.377	43.8	48.48	26.115	0	0	
"2010-01-23	22:00:00"	20.4	273.9	8.34	29.63	15.45	275.2	10.47	24.86	42.11	41.71	0.393	47.84	52.72	26.13	0	0	
"2010-01-23	23:00:00"	18.45	268.6	8.61	28.43	14.16	270.6	10.5	23.07	41.2	40.78	0.419	50.02	55.08	26.138	0	0	
"2010-01-24	00:00:00"	15.17	270.5	8.8	22.47	11.58	272.1	10.53	20.09	40.53	40.01	0.516	50.63	56.01	26.151	0	0	
"2010-01-24	01:00:00"	14.68	273.2	9.22	23.07	10.91	274.3	11.57	18.89	39.31	38.76	0.555	52.49	58.16	26.158	0	0	
"2010-01-24	02:00:00"	14.47	282.2	8.61	21.87	9.85	284.1	11.06	18.89	38.34	37.69	0.654	52.65	58.74	26.148	0	0	
"2010-01-24	03:00:00"	10.62	287.9	7.315	15.91	6.564	287.4	9.47	12.33	37.72	36.61	1.114	49.19	56.56	26.151	0	0	
"2010-01-24	04:00:00"	14.33	290.3	8.08	22.47	8.77	290.5	10.16	15.91	38.33	37.54	0.794	44.26	50.68	26.155	0	0	
"2010-01-24	05:00:00"	17.33	294.7	8.01	25.45	10.12	295	10.45	20.68	38.61	37.98	0.635	42.23	48.12	26.162	0	0	
"2010-01-24	06:00:00"	14.07	296.7	8.29	22.47	7.882	297	10.81	14.72	36.62	35.91	0.71	47.12	53.49	26.172	0	0	
"2010-01-24	07:00:00"	15.63	298.1	7.694	21.87	8.73	298.3	10.08	14.72	36.05	35.42	0.623	49.17	55.39	26.179	0	0	
"2010-01-24	08:00:00"	16.48	296.1	7.596	22.47	9.43	296.5	9.81	14.72	36.06	35.49	0.567	49.29	55.34	26.199	2.0089	0	
"2010-01-24	09:00:00"	15.37	296.9	7.751	23.07	8.78	296.6	9.86	15.31	35.87	35.68	0.187	50.02	55.44	26.23	97.419	0	
"2010-01-24	10:00:00"	23.1	302.9	7.924	32.61	13.12	302.5	10.36	26.05	39.98	40.35	-0.378	40.26	44.16	26.256	288.43	0	
"2010-01-24	11:00:00"	27.68	314.8	8.17	39.77	18.02	314.2	10.22	32.01	42.93	43.81	-0.879	34.96	37.47	26.279	464.67	0	
"2010-01-24	12:00:00"	26.25	317.2	9.31	36.78	17.54	316.7	11.15	29.03	45.39	46.75	-1.355	30.96	32.9	26.287	598.3	0	
"2010-01-24	13:00:00"	22.62	310.7	10.06	32.61	14.28	309.9	12.04	28.43	47.41	49.03	-1.626	27.42	29.01	26.265	671.41	0	
"2010-01-24	14:00:00"	22.89	312.8	11.26	33.21	14.81	311.9	12.74	29.03	49.19	50.94	-1.755	24.53	25.85	26.248	673.84	0	
"2010-01-24	15:00:00"	25.35	318.7	11.38	37.38	17.42	318.2	13.12	32.01	50.92	52.57	-1.651	19.36	20.76	26.225	591.78	0	
"2010-01-24	16:00:00"	24.94	317.8	10.76	35.59	16.86	317.1	12.13	27.24	51.79	53.11	-1.323	17.93	19.38	26.218	489.71	0	
"2010-01-24	17:00:00"	23.21	316.4	11.22	35.59	15.43	316	12.83	26.65	51.66	52.55	-0.898	17.16	18.85	26.24	320.79	0	
"2010-01-24	18:00:00"	17.76	311	8.4	32.01	10.96	310.6	10.45	25.45	50.47	50.6	-0.129	17.7	19.97	26.267	128.8	0	
"2010-01-24	19:00:00"	10.82	307.6	8.43	20.09	5.993	308.3	10.8	13.52	47.25	46	1.243	20.48	24.45	26.285	6.1913	0	
"2010-01-24	20:00:00"	8.65	295.5	9.26	11.74	3.909	295.7	11.23	8.75	42.91	40.28	2.629	26.1	32.86	26.298	0	0	
"2010-01-24	21:00:00"	12.16	303.7	11.29	17.1	6.577	303.8	12.24	12.33	41.26	40.04	1.222	29.86	34.83	26.313	0	0	
"2010-01-24	22:00:00"	11.54	321	10.04	18.3	7.181	320.8	11.51	14.72	40.32	38.88	1.439	33.23	38.63	26.324	0	0	
"2010-01-24	23:00:00"	12.41	297.5	33.7	20.09	8.86	296.5	33.29	18.89	39.65	38.7	0.951	34.94	40	26.334	0	0	
"2010-01-25	00:00:00"	9.96	275.8	9.46	13.52	6.586	276.4	12.5	11.74	37.36	36.11	1.248	37.88	44.23	26.34	0	0	
"2010-01-25	01:00:00"	8.26	288.8	5.257	12.33	4.222	288.1	8.89	6.964	33.75	31.46	2.289	44.9	54.68	26.338	0	0	
"2010-01-25	02:00:00"	9.39	301.8	8.91	11.74	4.173	301.3	11.81	6.368	33.21	30.86	2.343	45.43	55.85	26.333	0	0	
"2010-01-25	03:00:00"	8.4	309.2	5.167	11.14	3.645	311.5	10.47	5.771	30.65	28	2.648	50.5	62.22	26.335	0	0	
"2010-01-25	04:00:00"	9.58	303.9	9.09	12.93	4.449	302.6	13.15	6.368	30.5	28.57	1.928	50.81	61.02	26.332	0	0	
"2010-01-25	05:00:00"	9.87	292	7.278	15.31	5.011	290.6	9.99	9.35	31.99	30.11	1.876	47.21	57.04	26.328	0	0	
"2010-01-25	06:00:00"	9.85	304.2	10.26	14.72	5.094	303.8	13.1	11.74	31.58	30.17	1.412	48.63	57.06	26.344	0	0	
"2010-01-25	07:00:00"	10.69	315.8	9.17	15.31	6.266	314.8	11.58	11.14	31.8	30.64	1.161	48.45	56.29	26.337	0	0	
"2010-01-25	08:00:00"	10.01	323.8	9.23	15.31	6.519	322.8	11.21	12.33	31.25	30.08	1.166	49.87	57.71	26.356	1.4472	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-25	09:00:00"	12.37	313.5	9.45	21.28	7.807	311.8	11.71	16.51	33.67	33.36	0.314	45.58	51.43	26.385	93.825	0	
"2010-01-25	10:00:00"	15.86	320.7	9.14	23.07	11.24	319.2	11.19	18.89	37.88	38.43	-0.557	38.45	41.97	26.409	283.45	0	
"2010-01-25	11:00:00"	17.11	328.8	9.87	24.26	12.82	327.3	11.45	20.68	41.69	42.75	-1.064	32.59	34.92	26.423	408.04	0	
"2010-01-25	12:00:00"	18.11	333.2	11.09	25.45	14	331.1	12.36	21.87	44.81	46.17	-1.356	28.86	30.69	26.422	505.5	0	
"2010-01-25	13:00:00"	15.1	337.2	12.31	23.07	11.86	335.3	13.75	18.89	46.83	48.21	-1.38	25.45	27.17	26.408	415.93	0	
"2010-01-25	14:00:00"	12.86	332.7	13.28	21.87	10.06	330.6	14.16	17.7	48.73	50.34	-1.615	22.72	24.17	26.382	495.73	0	
"2010-01-25	15:00:00"	11.4	328.7	16.7	18.3	8.66	327.2	17.72	15.31	50.15	51.58	-1.427	20.08	21.61	26.365	411.67	0	
"2010-01-25	16:00:00"	10.07	324	12.68	16.51	7.403	321.3	14.16	14.12	50.96	51.89	-0.932	18.96	20.76	26.36	243.72	0	
"2010-01-25	17:00:00"	6.798	326.9	25.61	12.93	5.308	323.9	25.4	11.74	51	51.56	-0.562	20.03	22.09	26.375	140.99	0	
"2010-01-25	18:00:00"	2.476	233.6	60.11	5.771	1.762	231.3	67.32	4.578	50.99	50.89	0.104	21.06	24.31	26.383	49.187	0	
"2010-01-25	19:00:00"	2.655	122.3	9.12	3.982	2.244	112.4	10.92	3.386	50.51	49.84	0.675	21.52	25.7	26.395	8.0357	0	
"2010-01-25	20:00:00"	4.165	113.9	11.34	5.771	2.994	89.3	18.42	3.982	49.14	45.75	3.383	22.21	29.03	26.399	0	0	
"2010-01-25	21:00:00"	5.34	100.8	8.5	6.368	3.611	59.15	13.86	5.175	47.59	42.04	5.551	22.66	32.9	26.408	0	0	
"2010-01-25	22:00:00"	7.698	133	8.45	9.35	3.945	110.7	15.76	5.175	46.68	40.33	6.352	23.24	34.88	26.412	0	0	
"2010-01-25	23:00:00"	6.636	114.4	8.51	8.16	3.842	61.64	11.05	5.175	44.93	38.36	6.57	24.87	37.21	26.427	0	0	
"2010-01-26	00:00:00"	7.615	142.1	13.94	8.75	3.768	116.3	30.92	4.578	45.16	39.3	5.867	24.41	35.28	26.435	0	0	
"2010-01-26	01:00:00"	7.779	176.3	7.017	11.14	4.225	171.3	11.3	6.964	40.81	37.45	3.356	30.07	38.46	26.433	0	0	
"2010-01-26	02:00:00"	5.545	162.1	7.215	6.964	2.988	141.4	10.87	3.982	40.02	37.64	2.375	32.13	38.28	26.438	0	0	
"2010-01-26	03:00:00"	6.121	144.5	8.21	7.561	3.333	100.8	15.97	4.578	41.46	37.68	3.778	30.69	38.49	26.452	0	0	
"2010-01-26	04:00:00"	7.505	142.4	25.59	11.14	3.682	117.2	31.67	6.368	41.79	36.43	5.358	29.84	41.28	26.452	0	0	
"2010-01-26	05:00:00"	8.63	123.7	11.31	10.54	4.418	82.5	14.26	6.368	42.15	33.76	8.39	29.17	47.21	26.44	0	0	
"2010-01-26	06:00:00"	8.22	106.1	11.12	9.95	5.048	69.81	11.86	6.964	38.73	31.01	7.723	33.1	52.68	26.443	0	0	
"2010-01-26	07:00:00"	7.986	110.8	9.3	9.35	4.654	74.36	13.35	6.964	37.81	32.41	5.391	34.77	48.74	26.451	0	0	
"2010-01-26	08:00:00"	8.74	75.69	14.27	10.54	5.791	49.38	8.73	7.561	35.18	29.19	5.995	39.34	58.04	26.461	2.9871	0	
"2010-01-26	09:00:00"	8.45	74.09	12.17	11.14	5.778	65.79	14.85	8.16	33.27	31.92	1.351	47.76	57.83	26.479	93.69	0	
"2010-01-26	10:00:00"	9.03	112.8	14.03	13.52	7.14	108.7	16.8	11.14	41.68	42.19	-0.506	37	40.63	26.51	294.76	0	
"2010-01-26	11:00:00"	11.89	142.2	12.59	21.28	9.5	139.6	13.78	18.3	47.93	48.79	-0.853	29.63	31.73	26.525	444.22	0	
"2010-01-26	12:00:00"	14.03	161.2	13.02	21.87	11.62	157.7	14.45	18.89	52.6	53.68	-1.078	23.67	25.11	26.525	587.64	0	
"2010-01-26	13:00:00"	12.07	158.2	14.85	17.1	10.02	155	16.51	15.31	54.48	55.74	-1.265	22.72	23.81	26.502	603.36	0	
"2010-01-26	14:00:00"	13.16	160.7	15.85	21.28	10.72	157.7	17.69	19.49	56.24	57.62	-1.385	21.34	22.2	26.468	568.34	0	
"2010-01-26	15:00:00"	12.52	162.3	14.26	18.89	10.25	159.3	15.39	15.91	57.23	58.36	-1.125	20.63	21.58	26.439	448.78	0	
"2010-01-26	16:00:00"	12.25	173.1	10.94	19.49	10.03	169	12.84	16.51	58.46	59.22	-0.756	19.9	20.93	26.419	310.15	0	
"2010-01-26	17:00:00"	13.28	170.1	10.56	18.89	10.67	165.8	12.25	16.51	58.89	59.37	-0.481	18.89	20.08	26.409	232.74	0	
"2010-01-26	18:00:00"	12.08	182	8.2	18.89	9.29	178.6	11.17	15.31	58.33	58.21	0.127	19.6	21.22	26.41	94.767	0	
"2010-01-26	19:00:00"	9.07	173.3	8.62	13.52	5.491	167.2	13.29	10.54	54.26	52.24	2.021	23.59	27.6	26.411	4.0565	0	
"2010-01-26	20:00:00"	6.258	174.1	9.45	9.95	2.984	169.7	22.14	5.175	51.47	48.93	2.539	25.43	30.37	26.414	0	0	
"2010-01-26	21:00:00"	9.48	167.7	5.658	12.33	5.462	161.3	7.29	8.16	49.41	46.89	2.527	31.95	37.22	26.411	0	0	
"2010-01-26	22:00:00"	11.04	172.4	9.82	17.1	7.632	169.8	11.91	13.52	48.44	47.31	1.125	45.2	49.56	26.413	0	0	
"2010-01-26	23:00:00"	12.35	184.5	9.11	18.89	9.08	184	12.9	15.91	48.92	48.26	0.656	59.4	63.27	26.413	0	0	
"2010-01-27	00:00:00"	12.06	182.2	8.32	17.7	9.02	180.5	10.98	14.72	48.51	47.9	0.605	67.08	71.09	26.409	0	0	
"2010-01-27	01:00:00"	10.2	196.3	12.53	17.1	7.044	198.9	16.58	12.93	46.49	45.59	0.898	74.29	78.94	26.407	0	0	
"2010-01-27	02:00:00"	7.649	200	10.45	9.95	4.473	199.3	14.21	6.964	44.3	42.36	1.941	80.1	86	26.396	0	0	
"2010-01-27	03:00:00"	7.662	206	9.5	9.95	4.315	214	9.83	5.771	42.93	40.69	2.24	84.3	90.2	26.381	0	0	
"2010-01-27	04:00:00"	7.424	232	10.15	9.95	4.673	237.7	13.13	6.964	41.52	39.73	1.797	87	92.1	26.37	0	0	
"2010-01-27	05:00:00"	6.31	247.5	5.859	8.16	3.663	259.9	7.601	5.175	41.18	38.9	2.289	87	92.6	26.369	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-27	06:00:00"	6.65	247.4	5.269	8.16	3.969	262.7	7.755	5.175	41.47	38.47	2.997	87.2	92.9	26.378	0
"2010-01-27	07:00:00"	4.65	228.8	24.04	9.35	2.496	254.6	36.06	6.368	41.79	40.25	1.54	89.7	94.3	26.386	0
"2010-01-27	08:00:00"	8.1	194.9	7.344	12.93	6.079	196	10.39	9.95	41.77	41.64	0.135	91.3	95.2	26.405	1.0155
"2010-01-27	09:00:00"	9.1	192.3	8.1	14.12	7.015	194.5	11.68	11.74	41.7	41.81	-0.106	91.5	95.4	26.422	34.361
"2010-01-27	10:00:00"	9.61	182.7	12.88	14.12	7.533	183.3	16.3	11.74	43.77	44.02	-0.254	92.1	95.7	26.448	87.139
"2010-01-27	11:00:00"	9.54	171.9	13.07	14.12	7.763	171.6	15.96	12.33	45.56	45.87	-0.309	91.2	95.5	26.465	155.3
"2010-01-27	12:00:00"	9.5	179.1	14.4	14.72	7.822	178.4	17.66	13.52	48.42	48.84	-0.423	83.2	89.7	26.468	383.76
"2010-01-27	13:00:00"	8.23	172.7	17.41	13.52	6.942	169.8	19.63	11.74	54.45	55.39	-0.945	65.38	66.78	26.449	712.28
"2010-01-27	14:00:00"	8.24	157.8	24.49	21.28	6.89	156.4	28.5	17.7	58.79	59.87	-1.074	51.62	51.9	26.408	577.55
"2010-01-27	15:00:00"	10.35	152.9	19.03	17.1	8.66	150.9	20.62	14.12	61.48	62.75	-1.267	42.01	41.81	26.382	557.04
"2010-01-27	16:00:00"	11.75	154.2	12.5	18.3	9.65	151	13.35	15.31	62.74	63.67	-0.929	38.88	38.95	26.368	332.68
"2010-01-27	17:00:00"	11.54	157.5	11.65	16.51	9.21	153.8	12.7	14.12	62.98	63.45	-0.474	37.58	38.15	26.376	203.34
"2010-01-27	18:00:00"	11.71	150.7	9.11	17.7	9.19	147.9	9.86	13.52	62.2	62.31	-0.115	45.16	46.31	26.386	111.35
"2010-01-27	19:00:00"	10.32	137.6	12.85	15.91	7.129	134.1	13.49	12.33	57.28	56.49	0.786	59.76	62.86	26.391	2.9846
"2010-01-27	20:00:00"	12.23	121.7	7.866	17.1	9.02	119.7	10.83	13.52	53.69	53.34	0.351	74.93	77.91	26.4	0
"2010-01-27	21:00:00"	11.14	114.1	7.347	14.72	8.06	110.4	10.5	11.74	50.29	49.83	0.463	82.9	86.3	26.408	0
"2010-01-27	22:00:00"	10.03	102.4	6.639	14.72	7.144	98.7	8.86	11.14	49.01	48.57	0.442	85.5	89.2	26.413	0
"2010-01-27	23:00:00"	11.53	104.7	7.484	16.51	8.64	102.1	9.9	13.52	50.57	50.39	0.182	84.6	87.8	26.416	0
"2010-01-28	00:00:00"	9.46	93	8.22	13.52	7.278	90.2	9.77	11.14	51.38	51.29	0.091	84.6	87.4	26.411	0
"2010-01-28	01:00:00"	8.61	88.1	11.29	14.12	6.609	86.1	12.52	11.74	51.45	51.42	0.022	85.4	88	26.413	0
"2010-01-28	02:00:00"	10.44	129.9	9.74	17.1	7.617	129.7	11.53	12.93	51.68	51.64	0.045	89.4	92.3	26.421	0
"2010-01-28	03:00:00"	11.12	104.6	10.1	16.51	8.51	102.9	12.08	14.12	51.44	51.39	0.056	91.3	94.1	26.371	0
"2010-01-28	04:00:00"	11.96	103.5	8.76	17.7	9.08	102.7	11.14	14.12	51.62	51.62	0.002	92.1	94.7	26.341	0
"2010-01-28	05:00:00"	15.47	97.5	8.6	24.26	11.89	96.5	10.55	18.89	51.7	51.71	-0.011	92.5	95.1	26.299	0
"2010-01-28	06:00:00"	12.78	110.5	8.96	20.68	9.74	110.1	11.95	17.1	52.05	52.04	0.01	92.6	95.1	26.285	0.00019
"2010-01-28	07:00:00"	19.64	34.16	31.29	35	15.11	33.04	33.49	30.22	42.48	42.6	-0.121	88.4	92.2	26.311	0
"2010-01-28	08:00:00"	21.47	25.28	13.74	36.19	16.65	24.73	18.78	30.82	37.23	37.43	-0.197	87.4	91.9	26.314	0.57593
"2010-01-28	09:00:00"	22.61	27.83	7.706	33.21	17.51	27.05	12.82	27.24	35.09	35.33	-0.245	86.5	91.2	26.313	9.2655
"2010-01-28	10:00:00"	20.57	35.67	7.242	27.24	15.98	35.02	10.77	23.66	34.31	34.58	-0.275	86.1	90.8	26.354	11.99
"2010-01-28	11:00:00"	20.32	34.88	7.19	27.24	15.83	34.58	11.03	23.66	33.76	34.18	-0.417	86.8	91.7	26.353	95.917
"2010-01-28	12:00:00"	17.27	34.1	9.12	24.86	13.48	33.66	13.23	21.28	34.4	35	-0.6	85.7	91.2	26.346	176.66
"2010-01-28	13:00:00"	13.23	14.71	9.36	20.68	10.52	12.23	17.22	16.51	34.39	34.89	-0.503	86.4	91.6	26.35	107.16
"2010-01-28	14:00:00"	15.48	5.08	11.28	22.47	12.26	1.06	16.65	20.68	33.81	34.29	-0.478	85.4	91	26.348	103.27
"2010-01-28	15:00:00"	17.37	10.22	10.54	24.86	13.63	6.517	16.76	21.87	33.09	33.75	-0.66	84.5	90.2	26.343	253.88
"2010-01-28	16:00:00"	17.63	6.248	13.89	26.05	13.92	2.45	18.67	22.47	32.52	33.13	-0.611	80.3	86.6	26.372	167.49
"2010-01-28	17:00:00"	19.29	357.6	14.1	28.43	15.25	352.3	15.98	23.66	30.18	30.71	-0.528	80.5	86.6	26.38	86.54
"2010-01-28	18:00:00"	19.47	4.151	12.72	27.24	15.07	359	18.2	23.66	28.13	28.54	-0.403	77.09	83.5	26.415	32.642
"2010-01-28	19:00:00"	18.94	6.178	11.67	27.24	14.98	1.148	16.74	21.87	25.98	26.3	-0.321	73.85	80.6	26.446	1.5879
"2010-01-28	20:00:00"	19.67	5.572	10.79	30.22	15.37	0.763	16.2	24.86	24.29	24.66	-0.365	73.75	80.5	26.441	0
"2010-01-28	21:00:00"	19.41	4.94	11.07	31.42	15.25	0.112	16.66	26.65	22.88	23.21	-0.333	72.57	79.53	26.447	0
"2010-01-28	22:00:00"	18.43	2.186	14.38	27.24	14.59	356	15.02	24.86	21.79	22.1	-0.311	71.19	78.19	26.475	0
"2010-01-28	23:00:00"	17.23	3.942	12.54	25.45	13.57	358.3	15.14	20.68	21.13	21.45	-0.319	70.25	77.23	26.482	0
"2010-01-29	00:00:00"	16.63	356.8	13.23	26.05	13.05	351.3	13.77	22.47	20.58	20.79	-0.208	71.08	78.07	26.475	0
"2010-01-29	01:00:00"	14.67	1.918	12.67	23.07	11.63	356.3	15.96	20.09	20.24	20.44	-0.207	71.27	78.26	26.489	0
"2010-01-29	02:00:00"	12.56	2.225	13.13	18.89	9.83	356.7	15.35	16.51	20.17	20.41	-0.237	70.73	77.71	26.499	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-29	03:00:00"	14.31	350.9	12.18	20.68	11.44	346.8	11.58	17.7	20.32	20.59	-0.266	69.91	76.79	26.486	0	0
"2010-01-29	04:00:00"	12.52	341.1	9.38	17.7	9.88	337.8	11.38	15.31	19.83	20.1	-0.271	70.21	77.12	26.496	0	0
"2010-01-29	05:00:00"	12.14	338.2	9.32	17.1	9.38	335.6	10.58	14.72	19.04	19.31	-0.264	70.6	77.66	26.487	0	0
"2010-01-29	06:00:00"	13.3	333.7	8.81	18.89	10.28	331.9	10.74	15.31	18.91	19.18	-0.279	69.44	76.43	26.487	0	0
"2010-01-29	07:00:00"	13.73	333.1	8.09	20.68	10.54	331.2	9.77	16.51	18.97	19.32	-0.353	68.43	75.34	26.49	0	0
"2010-01-29	08:00:00"	13.76	339.5	8.41	20.09	10.79	337	9.92	17.7	19.8	20.09	-0.287	67.41	74.25	26.491	0.84375	0
"2010-01-29	09:00:00"	15.98	342.5	8.21	24.86	12.47	339.8	10.06	20.68	20.97	21.3	-0.33	64.35	71.08	26.489	33.946	0
"2010-01-29	10:00:00"	18.45	347.7	10.2	26.65	14.59	344.1	11.03	22.47	22.74	23.48	-0.736	60.31	66.23	26.497	233.48	0
"2010-01-29	11:00:00"	19.01	342.3	12.35	25.45	14.87	339.5	12.94	23.07	25.39	26.63	-1.24	55.33	60.71	26.506	483.75	0
"2010-01-29	12:00:00"	18.66	333.2	10.54	27.24	14.19	331.5	11.48	23.07	26.57	27.83	-1.259	55.13	61.1	26.512	428.47	0
"2010-01-29	13:00:00"	16.39	334.2	11.49	23.07	12.66	331.7	12.56	21.28	27.58	28.59	-1.01	57.39	63.39	26.501	297.08	0
"2010-01-29	14:00:00"	17.31	342.8	11.76	26.65	13.81	339.9	13.2	24.86	28.71	30.03	-1.321	59.23	64.74	26.474	455.97	0
"2010-01-29	15:00:00"	19.13	353.8	15.59	27.84	15.16	349	15.69	23.66	31.54	32.94	-1.402	58.47	63.77	26.446	506.71	0
"2010-01-29	16:00:00"	19.39	346.9	12.83	27.24	15.37	343	12.77	24.26	33.77	34.93	-1.169	57.75	62.84	26.441	424.48	0
"2010-01-29	17:00:00"	19.05	351.1	12.22	29.63	15.08	346.7	14.78	24.86	34.83	35.77	-0.94	57.89	62.71	26.438	330.92	0
"2010-01-29	18:00:00"	14.56	344.9	11.4	21.28	11.38	341.7	12.75	18.3	34.57	35.04	-0.466	60.73	65.79	26.458	137.55	0
"2010-01-29	19:00:00"	9.14	3.61	10.77	16.51	6.8	358.8	12.57	13.52	31.95	31.59	0.356	67.85	74.6	26.463	7.5011	0
"2010-01-29	20:00:00"	7.195	12.71	9.59	9.35	4.708	10.88	15.17	6.964	29.13	28.42	0.705	74.86	82.8	26.47	0	0
"2010-01-29	21:00:00"	8.52	17.13	6.422	11.74	6.196	15.07	11.95	9.35	28.4	27.99	0.406	77.76	84.9	26.478	0	0
"2010-01-29	22:00:00"	7.851	19.52	5.25	10.54	5.447	16.32	11.86	7.561	27.42	26.93	0.485	78.88	86.1	26.486	0	0
"2010-01-29	23:00:00"	8.45	2.218	12.54	10.54	5.399	355	14.5	8.16	26.49	25.56	0.93	79.77	87.9	26.486	0	0
"2010-01-30	00:00:00"	5.448	275.7	30.63	8.16	3.402	271.9	33.86	6.964	26.27	25.58	0.69	80.7	88.1	26.497	0	0
"2010-01-30	01:00:00"	8.39	323.3	5.64	10.54	5.045	323	9.14	8.16	26.95	25.9	1.047	77.46	86	26.493	0	0
"2010-01-30	02:00:00"	9.45	337	11.44	11.74	6.02	338	12.08	8.75	27.43	26.23	1.203	75.65	84.7	26.489	0	0
"2010-01-30	03:00:00"	8.52	352.4	7.997	9.95	4.773	352.5	9.61	6.368	27.94	25.46	2.479	72.05	83.7	26.492	0	0
"2010-01-30	04:00:00"	8.74	6.381	13.36	10.54	5.001	5.768	15.81	7.561	27.08	24.83	2.243	72.32	83.6	26.482	0	0
"2010-01-30	05:00:00"	8.4	26.29	4.734	10.54	5.324	28.66	10.22	8.16	27.09	25.73	1.363	72.63	82.2	26.467	0	0
"2010-01-30	06:00:00"	7.889	18.55	43.06	11.14	5.284	20.63	46.98	8.75	26.19	25.33	0.865	73.72	82	26.463	0	0
"2010-01-30	07:00:00"	6.114	274.5	28.55	8.75	3.421	273	33.11	5.771	24.29	23.54	0.753	78.7	86.2	26.479	0	0
"2010-01-30	08:00:00"	6.389	315.7	8.24	7.561	3.015	313.7	14.9	4.578	24.33	22.55	1.777	77.41	86.3	26.489	2.8121	0
"2010-01-30	09:00:00"	5.077	334.3	11.48	7.561	2.911	338.7	19.6	3.982	28.68	27.19	1.494	70.63	82	26.51	107.23	0
"2010-01-30	10:00:00"	3.097	315.2	37.05	4.578	2.344	314.9	38.97	4.578	34.96	35.46	-0.499	63.2	67.82	26.537	300.76	0
"2010-01-30	11:00:00"	3.338	235.6	26.98	6.368	2.474	237.1	29	5.771	37.7	37.92	-0.219	55.05	59.79	26.549	478.46	0
"2010-01-30	12:00:00"	5.22	225.4	25.37	10.54	4.442	223.8	30.58	10.54	40.44	40.88	-0.441	53.15	57.94	26.55	609.95	0
"2010-01-30	13:00:00"	6.153	241.4	23.06	10.54	5.297	243.1	25.41	9.95	42.16	43.01	-0.851	55.08	59.55	26.531	682.17	0
"2010-01-30	14:00:00"	4.932	248.8	28.77	9.95	4.073	250.2	37.23	9.95	45.07	45.85	-0.776	52.44	56.55	26.504	691.34	0
"2010-01-30	15:00:00"	4.06	215.1	45.29	10.54	3.468	210.1	54.41	10.54	47.31	47.91	-0.602	48.96	53.04	26.483	618.56	0
"2010-01-30	16:00:00"	3.22	190.4	54.22	8.75	2.721	189.2	56.75	7.561	49.13	49.55	-0.416	45.46	49.37	26.471	512.38	0
"2010-01-30	17:00:00"	2.857	13.06	98.2	5.771	2.27	38.74	95.8	5.771	50.36	50.87	-0.501	41.64	44.98	26.469	342.3	0
"2010-01-30	18:00:00"	3.426	202.5	50.96	9.35	2.651	198.8	58.96	7.561	50.67	50.71	-0.04	42.21	46.15	26.468	138.76	0
"2010-01-30	19:00:00"	6.585	149.3	15.42	9.95	3.234	149.2	18.96	6.964	47.36	45.21	2.151	48.2	59.39	26.465	6.0223	0
"2010-01-30	20:00:00"	7.074	163.7	4.777	9.35	3.447	146.7	5.514	4.578	46.13	42.01	4.116	49.21	63.33	26.472	0	0
"2010-01-30	21:00:00"	8.57	122.5	30.01	14.12	5.226	106.2	19.31	9.95	41.5	39.06	2.433	60.29	70.77	26.476	0	0
"2010-01-30	22:00:00"	10.26	105.4	5.956	13.52	6.942	99.9	8.42	9.95	36.47	35.65	0.816	74.7	81.5	26.481	0	0
"2010-01-30	23:00:00"	9.01	111.6	5.976	11.14	5.615	102.9	9.77	8.16	35.04	33.87	1.172	76.99	84.4	26.481	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-01-31	00:00:00"	9.16	112.1	5.755	11.74	5.817	102.8	9.25	8.75	34.85	33.68	1.173	76.81	84.4	26.481	0	0
"2010-01-31	01:00:00"	8.51	111.9	5.874	10.54	5.156	102.7	8.73	8.16	33.92	32.79	1.135	77.83	85.5	26.478	0	0
"2010-01-31	02:00:00"	7.843	119.4	8.02	10.54	4.664	112.5	11.5	7.561	32.93	32.08	0.845	79.26	86.5	26.472	0	0
"2010-01-31	03:00:00"	8.51	139.8	6.618	11.14	5.628	135.9	8.08	8.16	32.55	31.97	0.574	78.46	85.2	26.473	0	0
"2010-01-31	04:00:00"	7.389	142.8	7.38	9.95	4.668	137.5	10	6.964	31.81	31.13	0.672	78.69	85.6	26.464	0	0
"2010-01-31	05:00:00"	6.188	125.4	6.767	7.561	3.575	106.4	10.6	4.578	31.35	30.13	1.221	78.78	86.6	26.449	0	0
"2010-01-31	06:00:00"	5.683	127.3	15.49	8.75	2.966	111.4	24.36	5.771	31.15	30.24	0.908	78.91	86.4	26.447	0	0
"2010-01-31	07:00:00"	6.955	140.9	12.95	9.95	4.422	135.3	15.53	6.964	32.22	31.51	0.712	74.75	82.2	26.452	0	0
"2010-01-31	08:00:00"	7.901	138.1	8.54	12.33	5.189	133.2	11.17	8.75	31.2	30.5	0.702	74.31	81.8	26.451	2.3364	0
"2010-01-31	09:00:00"	10.02	145	8.76	15.31	7.514	141.7	9.82	12.33	32.44	32.29	0.144	73.99	80.2	26.46	83.913	0
"2010-01-31	10:00:00"	11.83	162.8	7.346	17.1	9.48	159.3	8.76	13.52	34.74	34.84	-0.097	76.16	81.3	26.464	191.25	0
"2010-01-31	11:00:00"	12.64	166.2	9.16	17.7	10.25	163.2	11.24	14.72	38.71	39.11	-0.397	70.51	75.29	26.459	347.31	0
"2010-01-31	12:00:00"	13.64	173	11.93	20.68	11	169.7	14.18	17.1	43.25	43.99	-0.746	59.94	64.58	26.448	437.74	0
"2010-01-31	13:00:00"	14.24	173.3	11.55	20.09	11.64	169.7	13.74	17.7	45.72	46.67	-0.948	54.4	58.99	26.418	515.27	0
"2010-01-31	14:00:00"	14.34	176.6	12.05	23.07	11.46	173.6	14.78	18.89	47.64	48.42	-0.781	49.06	53.5	26.389	437.38	0
"2010-01-31	15:00:00"	16.07	172.6	10.88	24.26	12.99	169.1	13.39	20.09	49.62	50.71	-1.086	44.93	48.95	26.362	579.9	0
"2010-01-31	16:00:00"	14.83	172.3	10.74	21.87	11.92	168.8	13.42	18.3	50.38	51.13	-0.745	44.42	48.26	26.344	370.78	0
"2010-01-31	17:00:00"	14.64	170.2	9.52	21.87	11.67	166.6	11.55	18.3	49.6	49.95	-0.352	45.87	49.95	26.335	190.69	0
"2010-01-31	18:00:00"	10.99	163.1	8.46	18.89	8.49	159.7	10.36	14.72	48.86	48.75	0.101	47.89	52.8	26.332	71.194	0
"2010-01-31	19:00:00"	8.11	157.8	6.807	16.51	5.562	153.8	9.08	11.74	47.4	46.63	0.767	51.74	58.36	26.337	4.2055	0
"2010-01-31	20:00:00"	7.703	131.8	7.59	10.54	4.639	124.9	10.34	8.16	44.61	43.08	1.522	58.06	66.42	26.344	0	0
"2010-01-31	21:00:00"	9.37	141.3	6.509	13.52	6.32	137.9	8.47	9.95	42.68	41.79	0.89	63.91	70.72	26.348	0	0
"2010-01-31	22:00:00"	10.55	158	9.04	15.31	7.615	154.5	9.88	11.74	41.55	40.89	0.661	64.53	70.81	26.348	0	0
"2010-01-31	23:00:00"	7.437	167.9	7.064	9.95	4.588	165.8	9.47	6.368	38.73	37.76	0.969	70.37	77.93	26.351	0	0
"2010-02-01	00:00:00"	5.576	165	10.41	8.16	3.582	157.5	15.26	6.964	37.85	37.14	0.708	73.46	80.3	26.354	0	0
"2010-02-01	01:00:00"	2.323	157.4	60.03	5.771	1.762	72.35	85.7	3.982	36.94	35.6	1.343	76.37	83.2	26.347	0	0
"2010-02-01	02:00:00"	3.547	197.9	26.79	8.16	2.059	196	78.91	6.368	36.15	33.91	2.235	78.61	86.6	26.352	0	0
"2010-02-01	03:00:00"	6.962	184.6	10.45	9.95	3.997	183	15.17	6.964	35.24	33.75	1.495	81.2	88.2	26.349	0	0
"2010-02-01	04:00:00"	6.482	173.5	7.757	8.75	2.868	169.2	15.39	5.175	34.26	32.54	1.72	82.6	89.7	26.339	0	0
"2010-02-01	05:00:00"	7.069	189.2	18.17	9.35	3.057	191.5	26.31	5.175	33.65	31.86	1.785	83.1	90.5	26.332	0	0
"2010-02-01	06:00:00"	6.381	219.4	6.248	8.75	3.541	223.2	11.35	6.368	33.04	31.73	1.301	83.6	90.2	26.326	0	0
"2010-02-01	07:00:00"	5.421	346.3	29.75	9.35	2.531	6.443	34.63	6.368	30.5	28.78	1.723	86.5	91.7	26.327	0	0
"2010-02-01	08:00:00"	4.797	274.5	32.52	7.561	2.312	296.6	55.33	4.578	32.2	28.81	3.39	86.2	91.9	26.326	3.3078	0
"2010-02-01	09:00:00"	5.234	264.2	19.54	7.561	3.387	264.3	22.6	6.368	31.93	31.44	0.484	86.5	92.3	26.345	118.58	0
"2010-02-01	10:00:00"	5.817	244.5	21.5	9.95	4.994	245.7	22.28	8.75	35.31	35.66	-0.35	83.6	88.2	26.362	304.57	0
"2010-02-01	11:00:00"	7.111	229.2	16.72	11.74	6.227	229.4	19.8	10.54	41.35	42.08	-0.731	74.57	78.06	26.37	473.03	0
"2010-02-01	12:00:00"	8.9	244.8	13.32	14.12	7.867	246.8	15.67	12.93	48.87	49.83	-0.952	61.95	64.65	26.368	591.53	0
"2010-02-01	13:00:00"	9.96	264.4	16.04	16.51	8.29	266.2	17.23	14.72	54.12	55.43	-1.312	51.3	53.01	26.347	686.72	0
"2010-02-01	14:00:00"	9.1	268.1	18.27	15.91	7.468	269.1	19.42	14.12	56.71	57.95	-1.246	44.11	45.5	26.32	567.17	0
"2010-02-01	15:00:00"	10.27	286	14.63	17.1	7.383	287.2	15.73	13.52	58.33	59.42	-1.095	35.95	37.21	26.299	442.94	0
"2010-02-01	16:00:00"	15.87	267.3	14.8	23.66	12.51	268.4	16.46	21.28	59.31	60.51	-1.2	33.28	34.24	26.29	515.83	0
"2010-02-01	17:00:00"	12.38	283.6	13.67	23.66	8.77	284.6	14.98	18.89	59.57	60.51	-0.942	33.4	34.41	26.296	344.38	0
"2010-02-01	18:00:00"	11	293.5	13.11	17.1	7.067	293.9	14.65	15.91	59.24	59.38	-0.135	34.72	36.55	26.302	145.45	0
"2010-02-01	19:00:00"	8.44	323.6	8.08	11.74	4.72	330.8	14.86	6.964	56.61	52.82	3.793	37.88	46.95	26.312	10.599	0
"2010-02-01	20:00:00"	9.36	338.6	5.099	10.54	4.854	353	7.801	5.771	56.32	46.94	9.38	36.99	56.2	26.321	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-01	21:00:00"	8.8	0.693	14.41	9.95	4.494	10.52	8.9	5.771	53.63	44.04	9.59	39.08	61.34	26.33		0	0
"2010-02-01	22:00:00"	9.13	10.23	3.186	10.54	4.4	7.815	6.851	5.771	51.08	42.36	8.72	42.27	65.02	26.336		0	0
"2010-02-01	23:00:00"	10.08	19.34	6.193	17.7	5.966	18.21	11.25	13.52	46.43	43.18	3.252	52.87	65.14	26.346		0	0
"2010-02-02	00:00:00"	11.62	50.58	23.74	18.3	8.6	50.33	25.42	14.12	41.42	40.88	0.545	74.21	79.36	26.371		0	0
"2010-02-02	01:00:00"	9.03	63.08	13.12	12.93	6.347	61.34	15.72	10.54	38.21	37.63	0.584	83.5	88.6	26.39		0	0
"2010-02-02	02:00:00"	10.03	51.8	9.72	13.52	7.378	51.46	11	10.54	37.13	36.82	0.315	86.6	91.3	26.395		0	0
"2010-02-02	03:00:00"	10.97	48.15	11.25	15.91	8.14	48.54	13.96	12.33	36.01	35.81	0.202	88.4	93	26.392		0	0
"2010-02-02	04:00:00"	11.78	54.42	12.07	15.91	9.06	54.32	13.5	14.12	34.62	34.68	-0.064	89.6	94.2	26.389		0	0
"2010-02-02	05:00:00"	12.94	55.96	8.36	17.7	9.78	54.88	10.54	15.31	34.91	35.01	-0.108	90.1	94.7	26.388		0	0
"2010-02-02	06:00:00"	12.91	49.62	8.01	17.1	10	49.38	10.24	15.31	34.57	34.69	-0.118	90.2	94.8	26.394		0	0
"2010-02-02	07:00:00"	11.43	46.1	9.1	15.31	8.95	45.84	10.85	13.52	34.31	34.42	-0.118	90.2	94.8	26.415		0	0
"2010-02-02	08:00:00"	9.42	56.15	12.25	14.12	7.275	54.71	14.13	12.33	34.1	34.24	-0.146	90.3	94.9	26.443	1.0897		0
"2010-02-02	09:00:00"	11.28	51.4	9.47	16.51	8.59	50.58	11.52	13.52	34.6	34.85	-0.249	90.5	95.1	26.459	32.299		0
"2010-02-02	10:00:00"	11.01	58.33	11.67	15.31	8.48	57.32	13.22	13.52	35.47	35.87	-0.402	90.7	95.2	26.477	76.752		0
"2010-02-02	11:00:00"	9.74	73.3	10.7	14.12	7.696	72.53	12.75	12.33	35.92	36.41	-0.487	90.8	95.2	26.498	102.55		0
"2010-02-02	12:00:00"	10.53	74.66	10.18	15.31	8.27	72.98	12.48	12.93	36.19	36.79	-0.601	90.8	95.3	26.499	137.85		0
"2010-02-02	13:00:00"	9.7	84.4	10.13	14.72	7.808	82.6	12.23	12.33	36.23	36.86	-0.627	90.8	95.2	26.487	144.43		0
"2010-02-02	14:00:00"	8.49	85.9	12.23	14.12	6.929	84	14.12	11.74	36.46	37.06	-0.598	90.8	95.1	26.465	141.01		0
"2010-02-02	15:00:00"	8.41	78.12	13.55	11.74	6.917	76.53	14.89	11.74	37.13	37.77	-0.637	89.9	92.9	26.442	163.21		0
"2010-02-02	16:00:00"	8.54	84.8	12.84	13.52	7.073	82.3	14.06	11.74	38.42	39.12	-0.706	85.7	88.7	26.427	132.52		0
"2010-02-02	17:00:00"	9.41	103.3	15.75	14.12	7.52	102	17.34	12.33	38.86	39.35	-0.49	85.5	88.8	26.44	55.389		0
"2010-02-02	18:00:00"	9.9	111	10.25	14.12	7.847	109.4	12.53	12.33	38.85	39.14	-0.288	85.8	89.4	26.45	16.774		0
"2010-02-02	19:00:00"	10.63	111.3	11.49	15.31	8.13	109.8	13.91	12.33	38.18	38.4	-0.212	87.2	91	26.437	1.6087		0
"2010-02-02	20:00:00"	9.05	112.1	12.25	14.12	6.763	109.9	14.83	11.74	38.09	38.26	-0.169	88.6	92.6	26.456	0		0
"2010-02-02	21:00:00"	8.73	92	7.158	13.52	6.611	89.4	8.79	11.14	38.17	38.33	-0.158	90.4	94.5	26.458	0		0
"2010-02-02	22:00:00"	8.69	85	7.844	11.74	6.606	81.8	9.27	10.54	38.22	38.35	-0.132	90.8	95	26.451	0		0
"2010-02-02	23:00:00"	9.89	70.19	7.416	15.31	7.502	68.37	9.78	11.74	38.1	38.21	-0.116	90.9	95.1	26.437	0		0
"2010-02-03	00:00:00"	11.47	60.56	9.25	15.31	8.82	59.26	11.19	13.52	38.29	38.39	-0.096	91	95.1	26.413	0		0
"2010-02-03	01:00:00"	10.13	64.43	7.799	14.72	7.76	63.08	9.84	11.74	38.68	38.76	-0.077	91.1	95.2	26.402	0		0
"2010-02-03	02:00:00"	10.93	70.59	8.19	15.31	8.33	68.58	10.44	12.33	39.19	39.25	-0.06	91.3	95.3	26.39	0		0
"2010-02-03	03:00:00"	12.22	70.89	8.03	17.7	9.19	69.12	10.19	14.12	39.36	39.43	-0.067	91.3	95.3	26.361	0		0.01
"2010-02-03	04:00:00"	13.01	79.41	6.687	18.89	9.93	77.72	8.83	14.72	39.35	39.41	-0.062	91.3	95.3	26.344	0		0.04
"2010-02-03	05:00:00"	12.53	81.6	6.834	18.3	9.65	79.93	8.51	15.91	39.32	39.37	-0.054	91	95	26.326	0		0.06
"2010-02-03	06:00:00"	13.05	79.73	6.689	18.89	9.98	78.12	8.63	15.31	39.2	39.24	-0.033	90.4	94.4	26.321	0		0.09
"2010-02-03	07:00:00"	15.37	79.57	6.608	22.47	11.76	77.89	8.57	19.49	38.61	38.66	-0.044	90	94	26.314	0		0.11
"2010-02-03	08:00:00"	17.2	81.6	6.772	23.66	13.27	79.99	8.72	20.68	37.56	37.66	-0.097	89.6	93.6	26.299	0.25785		0.08
"2010-02-03	09:00:00"	18.93	84.9	6.989	27.24	14.67	82.8	8.91	23.07	37.01	37.15	-0.144	89.6	93.6	26.286	10.216		0.04
"2010-02-03	10:00:00"	20.06	90.3	6.701	27.24	15.5	88.4	8.03	23.66	36.93	37.1	-0.176	89.3	93.4	26.288	24.402		0.09
"2010-02-03	11:00:00"	19.31	89.9	7	26.65	14.8	87.5	8.56	21.87	36.84	37.06	-0.217	89.3	93.4	26.283	39.418		0.12
"2010-02-03	12:00:00"	19.02	90.4	6.865	27.24	14.76	88.9	8.65	22.47	36.74	37.04	-0.293	89.1	93.3	26.272	71.34		0.1
"2010-02-03	13:00:00"	16.06	90.3	8.06	23.66	12.57	88.1	9.33	19.49	36.55	36.9	-0.349	89	93.2	26.267	77.386		0.08
"2010-02-03	14:00:00"	16.57	87	7.155	23.66	12.82	84.9	8.75	18.89	36.59	37.02	-0.43	89.2	93.5	26.238	99.645		0.04
"2010-02-03	15:00:00"	15.45	85.1	7.702	24.26	12.03	83	9.49	21.87	37.26	37.78	-0.518	89.4	93.5	26.214	136.8		0.02
"2010-02-03	16:00:00"	15.1	90.9	7.233	22.47	11.76	88.6	8.89	17.7	37.97	38.34	-0.37	89.4	93.3	26.202	54.793		0.03
"2010-02-03	17:00:00"	10.78	85.8	6.999	18.3	8.37	83.2	8.71	15.31	38.34	38.56	-0.222	89.6	93.6	26.208	21.687		0.11

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-03	18:00:00"	13.88	85.2	8.06	24.86	10.82	83	9.51	20.68	39.36	39.49	-0.132	90.3	94.2	26.205	13.806	0.07
"2010-02-03	19:00:00"	15.56	97.6	6.962	22.47	11.96	95.6	8.93	18.89	39.83	39.92	-0.096	90.2	93.9	26.215	1.415	0.02
"2010-02-03	20:00:00"	14.65	94.7	6.978	20.68	11.42	92.8	8.74	18.3	39.58	39.67	-0.095	90.4	94.2	26.226	0	0.04
"2010-02-03	21:00:00"	13.01	86	9.33	19.49	10.03	83.9	10.63	15.91	39.22	39.32	-0.097	90.7	94.5	26.226	0	0.01
"2010-02-03	22:00:00"	13.02	91.2	10.38	21.28	10.07	88.6	11.33	17.7	39.01	39.1	-0.092	90.7	94.5	26.23	0	0.13
"2010-02-03	23:00:00"	15.38	97.1	8.38	23.07	11.9	94.9	10.01	20.09	38.4	38.51	-0.112	90.4	94.2	26.231	0	0.02
"2010-02-04	00:00:00"	14.67	109.2	6.932	20.68	11.18	107.5	10.38	17.7	37.94	38.07	-0.121	90.2	94.2	26.238	0	0
"2010-02-04	01:00:00"	13.03	109.7	7.986	18.89	9.9	108.6	10.84	15.91	37.81	37.92	-0.114	90.5	94.5	26.243	0	0
"2010-02-04	02:00:00"	11.01	104.7	9.07	18.3	8.44	103.1	11.73	15.31	37.9	38.01	-0.116	90.6	94.6	26.242	0	0
"2010-02-04	03:00:00"	8.73	114.9	9.96	13.52	6.609	113.7	12.7	11.14	38.12	38.22	-0.102	90.9	95	26.248	0	0
"2010-02-04	04:00:00"	10.81	106.1	8.68	15.91	8.32	104.4	11.2	14.72	38.26	38.34	-0.082	91.1	95.2	26.218	0	0
"2010-02-04	05:00:00"	9.18	107.1	8.35	12.93	6.908	105.1	11.34	11.14	38.36	38.45	-0.085	91.2	95.4	26.21	0	0
"2010-02-04	06:00:00"	7.477	127.5	12.26	10.54	5.428	126.2	14.03	8.75	38.64	38.71	-0.075	91.3	95.4	26.227	0	0
"2010-02-04	07:00:00"	6.431	134.9	11.74	9.35	4.622	132.9	13.11	7.561	38.8	38.87	-0.071	91.3	95.5	26.237	0	0
"2010-02-04	08:00:00"	5.172	101.8	14.5	8.75	2.906	99.8	16.56	6.368	38.99	39.06	-0.068	91.4	95.5	26.248	1.3572	0
"2010-02-04	09:00:00"	6.054	94	8.45	9.35	4.279	91	10.13	8.16	39.01	39.2	-0.193	91.3	95.5	26.248	33.793	0
"2010-02-04	10:00:00"	5.153	146.4	33.68	9.95	3.901	142.7	38.09	8.75	39.7	39.96	-0.262	91.5	95.5	26.263	70.113	0
"2010-02-04	11:00:00"	5.205	157.7	20.23	8.16	4.147	156.7	19.25	6.368	40.31	40.61	-0.301	91.6	95.6	26.275	101.18	0
"2010-02-04	12:00:00"	3.707	196.9	21.8	6.964	2.679	197.7	26.46	6.368	41.55	41.91	-0.362	91.7	95.6	26.273	208.44	0
"2010-02-04	13:00:00"	6.937	204.4	13.02	11.14	5.494	204.2	17.39	9.35	42.81	43.51	-0.707	90.4	95	26.257	200.55	0
"2010-02-04	14:00:00"	6.915	238.4	23.03	11.74	5.65	239.3	27.23	9.95	44.22	45.25	-1.032	86.7	92.3	26.236	197.35	0
"2010-02-04	15:00:00"	9.1	264.9	25.01	12.93	6.951	265.5	26.24	11.74	45.34	45.73	-0.385	84.3	88.5	26.221	127.33	0
"2010-02-04	16:00:00"	10.78	292.4	11.35	17.7	6.493	293	13.22	12.93	46.5	46.72	-0.226	74.98	79.89	26.218	133.64	0
"2010-02-04	17:00:00"	13.03	299.9	11.74	19.49	7.883	299.6	14.07	14.72	47.62	48.36	-0.741	66.48	70.47	26.21	264.12	0
"2010-02-04	18:00:00"	8.55	287.1	12.8	14.12	5.801	286.8	14.28	12.93	47.64	48.12	-0.48	64.88	68.72	26.216	157.89	0
"2010-02-04	19:00:00"	6.34	269.5	9.55	9.35	3.728	270.7	12.39	7.561	46.9	45.82	1.076	67.91	74.91	26.226	12.597	0
"2010-02-04	20:00:00"	6.385	284.3	4.501	8.75	2.019	292.4	8.73	5.175	45.79	43.26	2.532	69.72	79.56	26.228	0	0
"2010-02-04	21:00:00"	5.7	279.4	12.57	8.16	1.566	277.7	27.79	3.386	44.62	41.58	3.032	72.08	82.5	26.246	0	0
"2010-02-04	22:00:00"	4.654	244.6	14.41	6.368	1.753	244	25.93	4.578	43.19	40.8	2.388	75.26	85.2	26.252	0	0
"2010-02-04	23:00:00"	5.927	232	9.85	8.75	3.274	242.1	15.45	6.368	40.03	37.65	2.382	81.4	90.1	26.261	0	0
"2010-02-05	00:00:00"	5.756	244.5	6.067	6.964	3.45	254	5.58	4.578	41.69	38.67	3.017	75.96	86.8	26.265	0	0
"2010-02-05	01:00:00"	6.556	254.6	8.26	8.16	3.856	264.5	5.068	5.175	41.66	38.71	2.951	76.25	86	26.266	0	0
"2010-02-05	02:00:00"	6.945	264.6	4.834	8.75	3.894	266.4	7.074	5.771	40.88	38.38	2.499	80.4	88.3	26.268	0	0
"2010-02-05	03:00:00"	6.852	273.4	13.24	8.75	3.481	277	19.14	5.771	39.61	37.21	2.401	83.2	90.4	26.272	0	0
"2010-02-05	04:00:00"	6.645	289.1	12.39	9.35	3.04	292.3	24.68	5.771	37.77	35.06	2.708	83.5	91.2	26.276	0	0
"2010-02-05	05:00:00"	9.05	316.8	5.007	11.74	4.087	317.7	8.38	8.16	36.45	33.71	2.744	79.11	89.1	26.276	0	0
"2010-02-05	06:00:00"	10.47	312.1	7.802	13.52	5.123	310.7	10.73	9.35	36.3	35.01	1.289	81.7	89	26.289	0	0
"2010-02-05	07:00:00"	10.87	311.2	8.68	14.72	5.666	311.3	10.98	11.14	35.53	34.6	0.928	80.1	87.4	26.308	0	0
"2010-02-05	08:00:00"	13.39	331.2	9.86	20.09	9.06	330.4	11.38	18.3	36.67	35.5	1.169	74.07	82.5	26.323	3.9591	0
"2010-02-05	09:00:00"	15.74	323.2	7.99	22.47	10.96	322.9	9.98	18.3	39.08	38.55	0.532	70.67	77.75	26.351	118.88	0
"2010-02-05	10:00:00"	17.59	328.8	7.918	27.84	13.22	327.6	9.83	21.87	43.75	43.96	-0.201	59.85	65.13	26.373	315.76	0
"2010-02-05	11:00:00"	17.37	333.9	8.31	25.45	13.5	331.7	10.29	21.87	47.17	48.03	-0.862	50.56	55.15	26.393	495.03	0
"2010-02-05	12:00:00"	15.37	325.6	10.93	21.87	11.36	324.1	12.24	19.49	50.58	51.83	-1.258	43.85	48.38	26.409	629.7	0
"2010-02-05	13:00:00"	16.75	327.3	12.21	24.86	12.32	325.6	13.47	20.09	53.63	54.99	-1.358	37.82	42.01	26.394	704.78	0
"2010-02-05	14:00:00"	18.15	315.9	11.24	29.03	12.23	315.5	12.9	21.28	55.04	56.38	-1.336	35.54	39.25	26.371	712.07	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-05	15:00:00"	18.05	316.3	11.52	28.43	12.24	315.3	13.47	24.26	56.28	57.57	-1.3	35	38.16	26.357	636.16	0
"2010-02-05	16:00:00"	12.82	312	13.66	24.26	8.73	311.8	14.76	20.09	57.63	58.87	-1.236	34.24	36.77	26.347	531.29	0
"2010-02-05	17:00:00"	9.83	299.1	15.85	15.91	6.721	299.1	18.03	13.52	58.61	59.51	-0.904	32.22	34.55	26.346	361.2	0
"2010-02-05	18:00:00"	10.03	300.9	11.09	14.72	5.928	300.8	12.62	11.74	59.21	59.32	-0.118	30.22	33.17	26.347	165.45	0
"2010-02-05	19:00:00"	6.786	328.5	18.4	11.74	4.376	334	19.4	7.561	57.79	55.17	2.62	30.66	37.54	26.354	12.638	0
"2010-02-05	20:00:00"	5.896	1.516	19.44	7.561	4.133	15.38	16.81	5.771	56.81	48.66	8.14	30.96	48.48	26.356	0	0
"2010-02-05	21:00:00"	5.217	64.94	26.09	6.368	3.65	54.78	18.86	4.578	54.55	47.57	6.977	35.57	51.35	26.363	0	0
"2010-02-05	22:00:00"	6.498	122.2	11.18	8.16	2.841	87	15.85	3.982	52.44	46.69	5.751	40.41	54.86	26.374	0	0
"2010-02-05	23:00:00"	4.757	160.7	24.12	6.368	1.178	154.5	74.85	3.386	51.6	47.99	3.61	42.24	52.74	26.377	0	0
"2010-02-06	00:00:00"	3.473	213.5	17.79	5.175	1	253.8	37.64	1	49.49	46.94	2.549	45.89	55.21	26.381	0	0
"2010-02-06	01:00:00"	4.379	218.3	17.71	5.771	1	241.6	25.45	1	48.62	46.24	2.382	46.62	56.36	26.383	0	0
"2010-02-06	02:00:00"	2.243	200.7	36.79	4.578	1	338.2	67.14	1	48.07	44.16	3.918	46.74	58.66	26.38	0	0
"2010-02-06	03:00:00"	5.26	48.7	55.84	10.54	3.36	23.4	10.29	6.368	43.99	38.68	5.315	54.6	71.38	26.382	0	0
"2010-02-06	04:00:00"	8.61	21.37	11.26	11.74	4.746	21.48	14.1	8.16	39.08	35.71	3.371	66.61	81.2	26.383	0	0
"2010-02-06	05:00:00"	9.36	56.45	9.94	12.93	6.486	52.62	11.45	9.35	35.5	34.79	0.715	81.8	88	26.383	0	0
"2010-02-06	06:00:00"	11.65	70.7	7.212	15.91	8.31	67.43	9.34	12.93	34.48	34.01	0.472	84	89.8	26.385	0	0
"2010-02-06	07:00:00"	11.31	73.34	7.915	17.7	8.19	70.43	9.95	13.52	33.66	33.34	0.325	83	88.6	26.4	0	0
"2010-02-06	08:00:00"	7.779	61.93	10.01	11.14	5.054	58.04	11.47	9.35	32.11	31.69	0.426	84.4	90.1	26.424	4.7448	0
"2010-02-06	09:00:00"	10.66	53.65	13.85	18.89	7.948	51.07	15.51	16.51	32.23	32.39	-0.155	84.7	89.9	26.438	126.17	0
"2010-02-06	10:00:00"	13.21	76.7	8.07	18.89	10.31	74.6	10.02	16.51	35.08	35.8	-0.721	81.5	85.7	26.454	292.05	0
"2010-02-06	11:00:00"	12.06	85.7	9.95	17.1	9.71	83.6	11.2	14.72	36.5	37.8	-1.303	81.3	84.8	26.467	474.47	0
"2010-02-06	12:00:00"	10.64	91.2	12.78	16.51	8.84	89.4	15.21	13.52	37.76	39.18	-1.415	81.3	84.6	26.468	586.15	0
"2010-02-06	13:00:00"	7.406	100.8	17.74	13.52	6.288	99	20.21	11.74	42.62	43.81	-1.19	72.45	75.97	26.446	708.4	0
"2010-02-06	14:00:00"	6.615	123.5	19.37	11.14	5.591	122	23.04	10.54	46.94	47.96	-1.025	63.5	66.96	26.418	750.32	0
"2010-02-06	15:00:00"	4.998	136.2	29.99	9.95	4.131	134.8	38.6	9.35	51.34	52.05	-0.707	55.15	58.15	26.394	678.04	0
"2010-02-06	16:00:00"	6.107	117.2	23.16	10.54	5.072	114.1	26.84	9.35	53.91	54.65	-0.749	48.4	51.44	26.374	395.12	0
"2010-02-06	17:00:00"	6.531	105.8	13.41	10.54	5.361	102.8	16.1	9.35	54.83	55.28	-0.447	45.65	48.98	26.364	232.91	0
"2010-02-06	18:00:00"	8.71	93.9	8.03	12.93	6.728	90.9	9.67	11.14	53.77	53.69	0.075	50.29	54.89	26.356	89.96	0
"2010-02-06	19:00:00"	9.88	82.9	6.688	13.52	7.077	79.77	8.64	10.54	49.93	49.34	0.59	59.58	64.9	26.355	15.583	0
"2010-02-06	20:00:00"	11.59	88.2	6.341	15.31	8.5	85.1	7.872	12.33	46.01	45.41	0.599	69.98	75.43	26.357	0	0
"2010-02-06	21:00:00"	12.55	92.8	5.788	17.7	9.43	89.4	7.126	14.12	43.39	42.96	0.423	77.12	82.1	26.36	0	0
"2010-02-06	22:00:00"	12.84	100	6.807	17.1	9.68	96.3	8.59	14.12	41.56	41.21	0.347	81.6	86.3	26.363	0	0
"2010-02-06	23:00:00"	11.8	97	6.983	15.91	8.84	93.6	8.53	12.93	40.22	39.87	0.352	84	88.8	26.36	0	0
"2010-02-07	00:00:00"	9.4	89	7.112	14.12	6.909	85	8.67	10.54	38.96	38.59	0.37	85.5	90.3	26.362	0	0
"2010-02-07	01:00:00"	7.833	87.9	9.59	12.33	5.407	83.7	12.14	8.75	37.38	36.95	0.428	87.5	92.2	26.359	0	0
"2010-02-07	02:00:00"	8.19	80.9	6.222	12.33	5.332	76.5	8.3	9.95	35.24	35.02	0.222	89.4	94	26.336	0	0
"2010-02-07	03:00:00"	9.1	81.7	7.118	12.93	6.054	77.78	8.94	10.54	35.03	35.04	-0.016	90.1	94.7	26.318	0	0
"2010-02-07	04:00:00"	8.6	92.5	10.79	12.93	6.481	89.1	13.01	11.74	35.31	35.46	-0.146	90.4	94.9	26.309	0	0
"2010-02-07	05:00:00"	7.867	108.2	10.85	12.33	5.903	105.5	13.42	9.35	36.78	36.9	-0.116	90.8	95.1	26.295	0	0
"2010-02-07	06:00:00"	6.019	69.52	9.3	9.95	4.295	65.42	11.45	6.964	37.57	37.69	-0.12	91	95.2	26.286	0	0
"2010-02-07	07:00:00"	6.798	69.03	14.79	9.35	4.786	66.29	15.36	8.16	38.32	38.41	-0.095	91.1	95.3	26.284	0	0
"2010-02-07	08:00:00"	7.984	72.05	8.97	11.14	5.695	70.57	10.76	9.35	37.68	37.83	-0.145	91	95.2	26.283	0.83175	0
"2010-02-07	09:00:00"	8.88	80.8	8.75	11.74	6.696	78.95	10.9	9.95	38.23	38.4	-0.172	91.2	95.3	26.285	12.265	0
"2010-02-07	10:00:00"	9.45	88.8	8.77	12.93	7.325	86.1	10.77	11.14	38.54	38.82	-0.273	91.3	95.4	26.291	40.316	0
"2010-02-07	11:00:00"	10.07	95.1	7.356	12.93	8.02	92.5	9.35	11.74	38.92	39.36	-0.44	91.4	95.4	26.283	96.578	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-07	12:00:00"	9.72	105	9.85	12.93	7.685	103.6	12.92	11.14	40.44	41.12	-0.681	91.7	95.7	26.267	200.14	0
"2010-02-07	13:00:00"	9.63	114.3	10.11	14.12	7.493	113.2	13.38	11.74	42.89	43.65	-0.753	92.1	95.8	26.237	243.62	0
"2010-02-07	14:00:00"	9.96	107.4	17.69	13.52	8.22	105.5	18.99	11.74	44.2	45.2	-0.998	92	95.3	26.197	357.24	0
"2010-02-07	15:00:00"	11.44	110	10.78	15.91	9.36	107.9	13.51	14.72	46.83	48.63	-1.805	89.8	92.3	26.151	556.5	0
"2010-02-07	16:00:00"	11.52	94.5	13.34	16.51	9.38	91.9	14.72	14.72	53.15	54.63	-1.484	74.66	75.41	26.127	534.08	0
"2010-02-07	17:00:00"	11.88	88.3	14.25	17.7	9.64	86.3	16.12	16.51	53.36	54.37	-1.009	73.65	75.16	26.119	360.29	0
"2010-02-07	18:00:00"	14.22	64.89	11.06	20.09	11.1	63.06	12.69	18.3	49.12	49.79	-0.665	82.6	84.6	26.12	147.74	0
"2010-02-07	19:00:00"	15	76.06	8.56	21.28	11.37	74.27	10.17	17.1	44.86	45.12	-0.256	91.1	94.5	26.128	3.5018	0
"2010-02-07	20:00:00"	15.28	82.3	6.825	21.28	11.71	80.3	8.77	18.3	43.13	43.35	-0.213	91.4	95	26.137	0	0
"2010-02-07	21:00:00"	14.83	85.3	7.889	20.68	11.4	83.3	9.6	16.51	41.56	41.77	-0.211	91.3	95.1	26.152	0	0
"2010-02-07	22:00:00"	12.36	81.2	7.949	17.7	9.41	79.61	9.74	15.31	41.09	41.29	-0.197	91.4	95.3	26.16	0	0
"2010-02-07	23:00:00"	9.94	83.2	8.4	15.91	7.721	80.9	10.11	12.93	40.44	40.65	-0.202	91.3	95.3	26.164	0	0
"2010-02-08	00:00:00"	11.69	50.78	26.69	22.47	8.89	49.72	27.55	18.89	39.72	39.91	-0.194	91.2	95.3	26.181	0	0
"2010-02-08	01:00:00"	16.03	33.14	7.421	22.47	12.3	32.72	11	19.49	37.12	37.35	-0.222	90.8	95	26.193	0	0
"2010-02-08	02:00:00"	15.47	42.33	8.54	21.28	11.91	42.47	10.96	17.7	35.23	35.47	-0.24	90.5	94.9	26.192	0	0
"2010-02-08	03:00:00"	13.75	51.73	8.73	18.3	10.56	51.31	10.45	15.31	34.56	34.79	-0.234	90.4	95	26.186	0	0
"2010-02-08	04:00:00"	10.54	43.82	8.51	16.51	8.07	43.97	10.71	14.72	34.42	34.67	-0.246	90.5	95	26.19	0	0
"2010-02-08	05:00:00"	6.849	25.67	12.26	10.54	5.04	23.77	16.54	8.75	34.64	34.89	-0.246	90.6	95.1	26.197	0	0
"2010-02-08	06:00:00"	8.06	20.53	15.61	13.52	6.256	18.69	19.5	11.14	34.77	35.02	-0.243	90.6	95.2	26.21	0	0
"2010-02-08	07:00:00"	8.16	18.68	15.11	12.93	6.185	17.01	19.98	11.74	34.84	35.05	-0.208	90.6	95.1	26.229	0	0
"2010-02-08	08:00:00"	9.53	25.32	9.91	14.72	7.222	24.34	14.47	12.33	34.55	34.73	-0.187	90.4	94.8	26.242	1.9641	0
"2010-02-08	09:00:00"	10.58	20.2	8.81	15.31	8.14	18.67	13.94	12.93	34.81	35.05	-0.237	89.4	94.1	26.27	41.771	0
"2010-02-08	10:00:00"	11.51	20.42	10.57	16.51	8.91	18.39	15.58	14.72	35.4	35.62	-0.223	84.9	90.5	26.296	88.029	0
"2010-02-08	11:00:00"	12.95	24.58	10.25	18.89	10.19	23.26	15.46	15.91	36.61	37.31	-0.706	80.4	85.7	26.311	214.33	0
"2010-02-08	12:00:00"	13	21.34	16.27	19.49	10.48	18.91	20.65	17.1	37.95	39.2	-1.243	75.23	78.97	26.325	366.63	0
"2010-02-08	13:00:00"	12.51	12.19	11.25	21.28	9.96	8.99	16.5	19.49	39.01	40.1	-1.097	71.56	75.35	26.327	269.32	0
"2010-02-08	14:00:00"	13.73	15.03	9.86	18.89	11.02	11.98	15.77	17.1	39.36	40.28	-0.919	69.93	73.86	26.318	217.48	0
"2010-02-08	15:00:00"	13.23	18.88	13.42	19.49	10.82	16.54	18.71	17.7	39.47	40.7	-1.235	67.39	70.93	26.315	350.78	0
"2010-02-08	16:00:00"	13.48	14.1	13.06	20.09	10.71	11.47	18	18.3	40.37	41.55	-1.171	62.91	66.66	26.321	304.95	0
"2010-02-08	17:00:00"	13.89	22.27	12.19	19.49	10.89	20.79	17.14	17.7	40.57	41.33	-0.761	61.78	65.88	26.337	181.57	0
"2010-02-08	18:00:00"	13.23	22.15	9.64	18.89	10.44	20.48	15.62	16.51	39.52	39.93	-0.42	62.41	67.13	26.361	81.972	0
"2010-02-08	19:00:00"	13.65	30.32	10.87	18.89	10.6	29.61	14.57	16.51	38.58	38.53	0.048	62.75	68.11	26.381	23.111	0
"2010-02-08	20:00:00"	12.98	39.95	7.391	20.09	9.89	39.43	9.74	17.1	35.79	35.48	0.311	70.05	76.01	26.403	0	0
"2010-02-08	21:00:00"	11.34	35.97	7.881	15.91	8.53	35.45	10.73	12.93	33.57	33.19	0.38	71.29	77.77	26.424	0	0
"2010-02-08	22:00:00"	8.53	42.13	8.96	12.93	6.269	42.01	11	11.14	31.63	31.16	0.467	75.09	81.7	26.445	0	0
"2010-02-08	23:00:00"	9.27	43.23	7.943	12.33	6.795	43.06	9.95	9.95	30.21	29.85	0.366	78.59	85.2	26.457	0	0
"2010-02-09	00:00:00"	7.527	41.14	8.47	10.54	5.372	39.4	10.99	8.75	28.95	28.55	0.4	79.93	86.7	26.472	0	0
"2010-02-09	01:00:00"	6.64	43.51	8.38	9.35	4.524	41.23	11.1	7.561	27.75	27.29	0.464	82	88.6	26.481	0	0
"2010-02-09	02:00:00"	8.2	61.64	7.067	12.33	5.78	59.44	9.34	9.35	27.04	26.7	0.335	83.1	89.4	26.481	0	0
"2010-02-09	03:00:00"	8.09	57.23	8.96	14.12	6.224	55.35	10.44	9.95	27.86	27.91	-0.058	84.2	89.9	26.497	0	0
"2010-02-09	04:00:00"	9.63	72.95	10.65	14.72	7.611	70.82	11.82	12.33	28.61	28.74	-0.125	84.8	90.2	26.511	0	0
"2010-02-09	05:00:00"	8.41	106.7	20.72	15.31	6.545	105.5	22.02	12.33	28.68	28.84	-0.164	84.1	89.4	26.522	0	0
"2010-02-09	06:00:00"	7.125	120.1	9.74	11.14	5.529	118.5	12.68	9.35	28.82	28.98	-0.161	83.5	88.9	26.529	0	0
"2010-02-09	07:00:00"	6.759	130.3	9.53	9.35	5.2	128.8	11.48	8.16	29.06	29.21	-0.151	82.2	87.7	26.547	0	0
"2010-02-09	08:00:00"	6.526	129.3	17.38	10.54	5.107	128.4	18.42	9.35	29.22	29.35	-0.135	80.5	86.1	26.574	1.7901	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-09	09:00:00"	7.949	149.4	8.39	12.33	6.396	146.7	9.6	10.54	29.32	29.54	-0.221	80.1	85.5	26.597	22.384	0
"2010-02-09	10:00:00"	7.913	150.1	14.59	11.74	6.449	146.9	14.91	9.95	29.47	29.79	-0.313	78.9	84.1	26.611	60.3	0
"2010-02-09	11:00:00"	7.626	128.8	15.18	11.14	6.227	127.5	17.04	9.95	30.16	30.72	-0.56	76.26	81.2	26.617	141.38	0
"2010-02-09	12:00:00"	6.894	125	21.06	11.14	5.804	122.5	23.59	10.54	31.1	31.91	-0.817	75.28	79.89	26.622	287.95	0
"2010-02-09	13:00:00"	6.689	120.3	21.08	15.31	5.636	118.9	24.32	14.12	33.28	34.18	-0.902	68.97	73.59	26.598	396.31	0
"2010-02-09	14:00:00"	11.54	116.2	12.32	16.51	9.4	114.2	14.92	14.72	33.05	34.36	-1.307	73.18	77.2	26.556	325.91	0
"2010-02-09	15:00:00"	9.63	144.2	21.67	15.91	7.865	142.6	22.59	14.72	35.72	36.7	-0.986	64.54	68.81	26.54	263.26	0
"2010-02-09	16:00:00"	11.57	137.6	13.44	18.89	9.18	135	14.56	15.31	35.51	36.53	-1.02	65.07	69.25	26.534	229.1	0
"2010-02-09	17:00:00"	11.08	139.6	11.67	15.91	8.83	137.3	12.93	13.52	35.56	36.3	-0.739	63.89	68.41	26.514	129.13	0
"2010-02-09	18:00:00"	9.57	144.4	11.49	14.12	7.562	141.4	12.58	12.33	35.09	35.48	-0.388	63.74	68.92	26.509	66.293	0
"2010-02-09	19:00:00"	6.372	147.5	12.45	11.74	4.606	145.9	13.83	9.95	34.76	34.62	0.136	65.05	71.72	26.514	9.1908	0
"2010-02-09	20:00:00"	5.828	129	14.8	9.95	3.564	125.1	16.98	6.964	34.22	33.45	0.773	66.76	76.26	26.529	0	0
"2010-02-09	21:00:00"	7.4	105.1	7.125	9.95	5.403	100.9	9.52	7.561	33.4	33.12	0.28	68.94	75.88	26.538	0	0
"2010-02-09	22:00:00"	7.869	102.4	5.884	11.14	5.731	98.2	8.27	8.16	32.71	32.43	0.286	69.12	76.04	26.543	0	0
"2010-02-09	23:00:00"	8.29	99.3	6.005	11.74	6.062	94.8	7.486	9.95	31.55	31.24	0.314	71.41	78.3	26.533	0	0
"2010-02-10	00:00:00"	9.38	102.7	7.836	12.33	7.127	99.1	9.98	10.54	30.65	30.49	0.164	71.54	78.15	26.516	0	0
"2010-02-10	01:00:00"	10.05	120.8	7.557	14.12	7.506	119	11.08	10.54	30.19	30.06	0.131	69.93	76.55	26.524	0	0
"2010-02-10	02:00:00"	9.98	119.9	6.937	14.72	7.529	117.9	10.33	12.93	29.87	29.83	0.042	69.9	76.25	26.511	0	0
"2010-02-10	03:00:00"	8.95	111.7	7.168	12.93	6.843	108.9	10.27	9.95	29.46	29.46	0	71.37	77.59	26.49	0	0
"2010-02-10	04:00:00"	10.64	116	7.233	16.51	8.13	113.2	10.57	12.93	29.71	29.77	-0.059	70.58	76.63	26.474	0	0
"2010-02-10	05:00:00"	11.02	115.8	7.501	16.51	8.44	114.1	10.62	13.52	29.83	29.89	-0.065	69.72	75.73	26.465	0	0
"2010-02-10	06:00:00"	15.96	130.8	7.802	28.43	12.16	129.5	10	23.07	30.4	30.45	-0.053	64.07	70.06	26.446	0	0
"2010-02-10	07:00:00"	15.12	135.3	8.1	24.86	11.46	133.2	10.1	20.68	30.18	30.22	-0.032	63.14	68.95	26.442	0	0
"2010-02-10	08:00:00"	11.08	122	8.01	17.1	8.34	120	11.07	13.52	29.81	29.85	-0.037	64.73	70.73	26.46	1.5707	0
"2010-02-10	09:00:00"	8.35	121.2	11.15	12.33	6.459	119	13.4	10.54	29.89	30.03	-0.142	66.65	72.37	26.477	44.444	0
"2010-02-10	10:00:00"	10.33	132.7	11.44	14.72	8.02	131	12.57	12.93	30.88	31.23	-0.352	65.89	71.09	26.488	91.72	0
"2010-02-10	11:00:00"	12.63	152.5	12.07	18.3	10.13	149.8	12.81	15.91	32.87	33.42	-0.546	64.5	69.27	26.485	186.94	0
"2010-02-10	12:00:00"	12.34	157.2	11.42	20.09	10.05	154.5	12.79	16.51	34.49	35.34	-0.85	62.95	67.42	26.477	317.96	0
"2010-02-10	13:00:00"	12.62	156.6	13.27	20.09	10.34	153.3	14.33	16.51	35.85	36.83	-0.98	61.37	65.44	26.455	341.42	0
"2010-02-10	14:00:00"	11.47	168.7	14.98	19.49	9.55	165.9	16.83	17.1	37.19	38.38	-1.196	59.9	63.39	26.423	544.97	0
"2010-02-10	15:00:00"	13.22	164.7	13.23	21.28	10.92	161.7	14.69	18.3	38.87	40.28	-1.415	57.83	60.67	26.386	605.34	0
"2010-02-10	16:00:00"	11.7	167.9	15.09	20.09	9.8	164.2	16.28	17.7	40.43	41.72	-1.282	55.31	57.83	26.359	526.89	0
"2010-02-10	17:00:00"	11.38	160.4	15.41	18.3	9.34	157	16.54	14.12	41.02	41.97	-0.949	53.65	56.65	26.352	289.35	0
"2010-02-10	18:00:00"	11.39	161.1	10	17.1	9.16	157.4	11.98	13.52	40.68	41.09	-0.41	55	59	26.358	102.75	0
"2010-02-10	19:00:00"	10.46	144.1	11.32	14.12	7.933	141.5	11.72	12.33	39.48	39.46	0.025	58.49	63.32	26.351	16.663	0
"2010-02-10	20:00:00"	7.473	144	11.31	11.14	5.321	140.2	11.91	8.75	37.35	37.1	0.255	63.27	69.12	26.356	0	0
"2010-02-10	21:00:00"	9.47	131.8	8.25	14.12	7.105	130	10.29	11.14	36.81	36.79	0.021	65.94	71.12	26.349	0	0
"2010-02-10	22:00:00"	8.66	140	10.84	14.72	6.596	138	12.21	12.93	35.48	35.43	0.052	67.58	72.91	26.34	0	0
"2010-02-10	23:00:00"	5.594	164.3	13.59	8.16	4.511	161.8	14.81	7.561	34.95	35.06	-0.109	68.4	73.62	26.358	0	0
"2010-02-11	00:00:00"	4.694	125.2	26.53	7.561	3.39	121.3	29.43	5.771	33.77	33.77	0.004	74.96	81.4	26.347	0	0.01
"2010-02-11	01:00:00"	6.962	123.7	21.17	9.95	5.319	121.3	21.72	8.16	31.92	32.05	-0.125	86.3	91.5	26.321	0	0.1
"2010-02-11	02:00:00"	6.897	119.3	13.71	11.14	5.279	118.1	15.93	9.35	31.65	31.78	-0.131	88.3	93.3	26.303	0	0.06
"2010-02-11	03:00:00"	4.783	141.3	13.96	6.964	3.476	139.9	14.57	5.771	31.51	31.59	-0.073	88.8	93.6	26.294	0	0.01
"2010-02-11	04:00:00"	3.037	151.6	21.17	5.175	2.053	148	25.69	4.578	31.1	31.16	-0.064	88.9	93.8	26.284	0	0.04
"2010-02-11	05:00:00"	2.886	172.1	32	5.175	2.035	168.2	38.32	4.578	30.86	30.91	-0.048	89	93.9	26.272	0	0.04

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-11	06:00:00"	1.916	169.4	18.44	4.578	1.248	170.6	24.55	3.386	30.6	30.63	-0.037	89.2	94	26.257	0	0.04	
"2010-02-11	07:00:00"	2.802	145.8	41.75	5.175	1.394	137.6	48.77	3.386	30.35	30.37	-0.024	89.3	94.1	26.253	0	0.01	
"2010-02-11	08:00:00"	2.926	7.359	40.24	4.578	1.685	0.392	40.51	3.982	30.28	30.25	0.028	89.1	93.9	26.259	0.91545	0.01	
"2010-02-11	09:00:00"	2.406	295.6	46.59	3.982	1.23	296.3	42.88	3.386	30.73	30.82	-0.089	88.4	93.3	26.282	18.679	0	
"2010-02-11	10:00:00"	1	241.1	24.47	1	1.004	242.2	24.41	2.193	31.27	31.33	-0.064	86.9	91.8	26.294	49.872	0	
"2010-02-11	11:00:00"	1	258.8	15.36	1	1.492	259.1	17.29	5.175	31.92	32.07	-0.147	85.9	90.9	26.299	95.593	0	
"2010-02-11	12:00:00"	1.368	247.7	31.65	3.982	1.555	246.5	34.27	3.982	33.1	33.15	-0.049	84.5	89.6	26.295	238.13	0	
"2010-02-11	13:00:00"	2.367	196.5	73.94	5.175	2.038	180.9	72.92	4.578	34.83	35.07	-0.236	82.5	87.3	26.279	518.96	0	
"2010-02-11	14:00:00"	5.099	310.9	39.16	9.95	4.089	309.3	40.32	9.95	38.21	39.18	-0.977	79.97	84.2	26.265	513.22	0	
"2010-02-11	15:00:00"	6.078	295.7	31.32	12.33	4.78	294.8	32.75	12.93	40.87	41.97	-1.099	75.83	79.57	26.25	456.55	0	
"2010-02-11	16:00:00"	4.702	254.5	55.99	11.74	3.868	255.1	63.79	10.54	43.4	44.24	-0.84	71.32	74.9	26.249	555.18	0	
"2010-02-11	17:00:00"	6.141	77.99	40.21	12.93	5.045	77.13	44	11.74	44.74	45.41	-0.674	70.18	73.92	26.255	278.25	0	
"2010-02-11	18:00:00"	10.52	92.2	9.34	14.12	8.46	89.6	10.67	12.93	42.22	42.86	-0.64	75.22	79.38	26.271	172.87	0	
"2010-02-11	19:00:00"	11.83	79.62	6.987	17.1	9.02	77.87	9.05	14.12	39.77	39.76	0.006	79.3	84.1	26.294	14.7	0	
"2010-02-11	20:00:00"	9.33	79.14	9.58	14.12	6.94	76.69	10.66	11.14	37.66	37.47	0.186	82.3	87.5	26.317	0	0	
"2010-02-11	21:00:00"	9.3	68.99	7.062	14.72	6.966	66.89	9.84	11.74	35.36	35.21	0.148	84.6	89.7	26.343	0	0	
"2010-02-11	22:00:00"	7.035	65.09	5.744	9.95	4.724	61.22	8.63	8.16	33.09	32.68	0.415	86.6	91.8	26.36	0	0	
"2010-02-11	23:00:00"	5.373	60.28	10.53	8.16	2.574	55.88	14.36	5.771	31.7	31.04	0.656	87.8	93.1	26.373	0	0	
"2010-02-12	00:00:00"	4.569	57.85	9.57	6.368	2.675	35.96	12.97	4.578	32.14	30.49	1.652	86.8	92.5	26.374	0	0	
"2010-02-12	01:00:00"	6.047	24.17	5.729	7.561	3.433	14.36	11.89	4.578	32.11	29.25	2.864	86	92	26.392	0	0	
"2010-02-12	02:00:00"	6.046	22.3	6.939	8.16	3.431	16.01	17.03	5.175	31.99	28.61	3.385	86.5	91.9	26.401	0	0	
"2010-02-12	03:00:00"	5.684	342.7	16.74	6.964	3.279	337.4	15.78	4.578	30.97	27.87	3.108	86.4	91.7	26.403	0	0	
"2010-02-12	04:00:00"	5.576	350.2	8.15	7.561	1.373	4.675	24.17	3.982	30.33	26.99	3.337	87.6	91.5	26.4	0	0	
"2010-02-12	05:00:00"	6.712	6.248	10.42	8.75	4.666	7.427	12.62	7.561	27.27	26.69	0.584	87.6	92.5	26.41	0	0	
"2010-02-12	06:00:00"	7.507	4.76	10.63	10.54	5.78	1.09	14.46	9.35	30.43	30.53	-0.101	88.9	93.9	26.421	0	0	
"2010-02-12	07:00:00"	7.507	4.195	8.57	9.95	5.907	1.013	13.04	9.35	31.72	31.79	-0.073	89.6	94.4	26.426	0	0	
"2010-02-12	08:00:00"	6.425	11.25	19.3	9.95	4.981	7.821	21.64	8.75	31.51	31.62	-0.108	89.6	94.4	26.438	2.7595	0	
"2010-02-12	09:00:00"	5.988	18.7	27.28	9.95	4.718	18.46	29.97	8.75	29.61	29.9	-0.29	89	94	26.461	44.121	0	
"2010-02-12	10:00:00"	3.149	357.6	25.74	5.175	2.536	356	30.41	5.175	29.75	30.16	-0.405	88	93.1	26.486	105.44	0	
"2010-02-12	11:00:00"	4.659	311.2	37.87	9.35	3.586	312.4	39	8.16	31.32	31.88	-0.558	87.4	92.7	26.501	177.28	0	
"2010-02-12	12:00:00"	5.313	281.7	21.91	9.95	4.048	285	24.09	9.95	33.03	33.71	-0.686	85.7	90.5	26.502	296.31	0	
"2010-02-12	13:00:00"	4.54	235.7	32.78	12.33	3.915	233	39.11	11.14	37.69	38.44	-0.754	76.04	80.4	26.485	721.62	0	
"2010-02-12	14:00:00"	7.148	227.7	19.81	12.93	6.182	228.3	22.83	12.33	42.11	43.2	-1.093	66.6	70.84	26.456	731.68	0	
"2010-02-12	15:00:00"	8.2	227.4	18.83	14.72	7.125	227.7	21.47	13.52	46.02	47.21	-1.195	58.09	61.66	26.425	657.08	0	
"2010-02-12	16:00:00"	9.79	219.8	17.84	18.3	8.27	220	21.3	15.31	48.91	50.11	-1.191	50.71	53.73	26.411	545.88	0	
"2010-02-12	17:00:00"	10.65	222.8	21.25	17.1	8.67	223.1	22.65	14.72	51.17	52.04	-0.872	43.34	46.26	26.395	372.63	0	
"2010-02-12	18:00:00"	11.1	270.8	11.54	17.7	8.5	272.7	13.11	15.31	52.5	52.82	-0.323	31.06	34.37	26.384	176.35	0	
"2010-02-12	19:00:00"	7.377	264	7.262	12.33	5.079	263.2	12.05	10.54	50.47	49.03	1.439	34.4	41.36	26.381	21.96	0	
"2010-02-12	20:00:00"	5.922	226	19.04	7.561	3.291	223.1	26.52	5.175	48.19	45.34	2.851	37.79	48.23	26.375	0	0	
"2010-02-12	21:00:00"	7.616	199.3	9.37	10.54	4.417	200.1	8.43	6.964	44.3	42.02	2.286	50.96	60.36	26.374	0	0	
"2010-02-12	22:00:00"	7.263	206.2	6.539	9.95	4.265	212.1	8.87	6.368	41.73	39.55	2.178	61.03	71.35	26.382	0	0	
"2010-02-12	23:00:00"	6.91	219.2	7.134	9.95	4.176	226.7	11.71	6.368	41.65	38.97	2.688	60.81	72.36	26.385	0	0	
"2010-02-13	00:00:00"	8.61	220	6.667	11.14	5.588	224.6	9.45	8.16	41.01	39.06	1.956	61.32	71.29	26.385	0	0	
"2010-02-13	01:00:00"	8.79	226.7	6.377	11.14	5.78	232.2	9.22	7.561	40.24	38.2	2.04	62.18	72.09	26.38	0	0	
"2010-02-13	02:00:00"	8.86	223.5	11.9	11.74	6.033	227.2	14.56	8.75	39.15	37.39	1.763	64.84	74.02	26.374	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-13	03:00:00"	7.885	240.6	5.688	9.95	5.482	245.6	8.92	8.16	37.66	35.7	1.956	68.82	78.42	26.372	0	0
"2010-02-13	04:00:00"	7.53	243	7.968	9.95	5.179	248.7	11.85	7.561	36.13	34.21	1.919	72.58	81.9	26.362	0	0
"2010-02-13	05:00:00"	8.29	253.2	5.135	10.54	5.418	253.1	9.05	8.16	35.36	33.57	1.784	74.73	83.7	26.355	0	0
"2010-02-13	06:00:00"	7.483	283.9	20.34	9.95	3.733	283.9	26.08	6.368	35.39	32.81	2.579	70.4	82	26.35	0	0
"2010-02-13	07:00:00"	9.03	307	10.3	11.74	4.339	304.9	13.28	7.561	34.85	33.04	1.809	69.47	79.54	26.349	0	0
"2010-02-13	08:00:00"	7.699	303.7	6.266	10.54	3.137	300.8	10.29	5.175	34.61	32.43	2.177	68.09	78.86	26.359	6.9484	0
"2010-02-13	09:00:00"	10.74	311.1	7.642	17.7	5.903	310.4	10.27	13.52	38.31	37.55	0.753	60.65	68.6	26.375	139.94	0
"2010-02-13	10:00:00"	14.46	314.1	8.3	21.28	9.38	313.4	10.4	17.7	44.53	44.95	-0.417	50.84	55.33	26.393	349.69	0
"2010-02-13	11:00:00"	20.11	314.2	8.42	29.63	13	314.2	10.55	23.66	50.64	51.42	-0.787	37.85	41.49	26.391	537.73	0
"2010-02-13	12:00:00"	17.19	317	11.21	25.45	11.78	316.7	12.65	20.68	53.22	54.55	-1.333	35.93	38.43	26.392	673.43	0
"2010-02-13	13:00:00"	13.92	314.1	14.8	23.07	9.63	312.9	15.97	18.3	55.51	57.3	-1.79	31.3	32.94	26.374	748.43	0
"2010-02-13	14:00:00"	13.36	308.5	14.98	21.28	9.04	307.2	16.68	18.89	57.34	59.2	-1.868	26.94	28.18	26.348	753.89	0
"2010-02-13	15:00:00"	15.93	309.7	11.8	27.84	10.27	309.1	13.68	22.47	58.71	60.51	-1.803	23.15	24.24	26.323	675.85	0
"2010-02-13	16:00:00"	16.7	325.8	15.85	27.84	12.17	324.8	16.36	23.07	59.79	61.36	-1.57	23.25	24.27	26.312	561.09	0
"2010-02-13	17:00:00"	12.03	319.7	14.22	18.89	8.44	318.8	15.7	15.31	61.13	62.36	-1.231	22.17	23.24	26.3	389.29	0
"2010-02-13	18:00:00"	10.27	339.5	19.73	17.1	7.777	337.9	20.16	13.52	62.03	62.38	-0.347	20.53	22.29	26.294	188.55	0
"2010-02-13	19:00:00"	7.425	38.76	11.41	11.74	4.56	40.72	14.98	9.35	58.04	55.43	2.609	25.7	31.62	26.305	23.754	0
"2010-02-13	20:00:00"	5.067	43.24	6.784	6.368	2.977	60.04	12.64	4.578	53.03	49.72	3.306	30.5	37.99	26.312	0	0
"2010-02-13	21:00:00"	5.333	265	45.64	12.33	2.703	286.9	42.27	10.54	52.74	47.91	4.828	31.58	43.56	26.329	0	0
"2010-02-13	22:00:00"	5.311	288.6	11.42	11.14	3.284	308.3	15.58	5.175	55.71	49.04	6.672	26.7	38.95	26.336	0	0
"2010-02-13	23:00:00"	8.36	298	11.21	11.74	3.782	298.8	11.49	6.368	52.64	45.22	7.416	29.09	46.22	26.345	0	0
"2010-02-14	00:00:00"	10.24	340.2	12.6	14.12	5.65	342.2	14.91	10.54	45.37	41.1	4.271	41.91	56.6	26.349	0	0
"2010-02-14	01:00:00"	7.576	332.6	16.88	11.14	4.638	340.9	27.34	6.964	50.97	40.83	10.15	31.33	54.53	26.34	0	0
"2010-02-14	02:00:00"	9.73	314.1	16.3	13.52	4.692	316.3	23.51	7.561	43.2	37.5	5.703	46.02	64.66	26.337	0	0
"2010-02-14	03:00:00"	10.39	314	5.887	14.72	5.033	313.7	8.72	8.75	41.83	38.59	3.24	46.91	60.43	26.334	0	0
"2010-02-14	04:00:00"	10.66	320.3	9.03	14.12	4.875	319.6	12.85	7.561	45.5	40.25	5.247	35.9	51.58	26.329	0	0
"2010-02-14	05:00:00"	9.25	302.6	7.01	12.93	3.959	306.8	12.74	7.561	42	38.17	3.826	42.98	56.75	26.319	0	0
"2010-02-14	06:00:00"	11.03	302.3	10.45	14.72	5.362	302.3	12.92	9.35	40.96	38.85	2.114	47.46	57.45	26.325	0	0
"2010-02-14	07:00:00"	15.63	328.2	8.01	24.86	11.23	326.2	9.9	21.87	40.72	39.72	1.003	49.77	56.84	26.333	0	0
"2010-02-14	08:00:00"	17.92	355.3	13.99	26.05	13.78	350.3	14.29	22.47	37.68	37.19	0.488	54.69	60.92	26.352	8.622	0
"2010-02-14	09:00:00"	20.01	12.48	9.98	29.63	15.59	8.52	15.58	26.05	37.15	37.21	-0.066	57.97	63.09	26.383	144.01	0
"2010-02-14	10:00:00"	22.13	30.8	8.2	31.42	17.13	30.19	13.03	28.43	40.9	41.59	-0.692	59.17	62.76	26.423	344.98	0
"2010-02-14	11:00:00"	20.92	32.18	9.93	29.63	16.32	31.1	13.61	25.45	44.39	45.62	-1.232	56.8	59.15	26.463	525.96	0
"2010-02-14	12:00:00"	22.56	35.69	9.7	32.01	17.81	34.69	12.87	29.03	46.71	48.29	-1.581	54.26	55.67	26.486	663.32	0
"2010-02-14	13:00:00"	26.49	30.06	9.7	38.57	20.66	29.35	14.49	32.01	45.45	46.9	-1.444	57.79	59.02	26.5	507.23	0
"2010-02-14	14:00:00"	24.47	29.7	8.07	36.78	19.08	29.04	13.37	30.22	39.74	40.59	-0.844	70.49	72.86	26.515	181.27	0
"2010-02-14	15:00:00"	20.67	36.98	9.04	29.63	15.85	36.35	12.09	26.65	36.38	36.86	-0.477	76.42	79.99	26.531	68.51	0
"2010-02-14	16:00:00"	20.24	33.94	8.56	28.43	15.64	33.35	12.2	24.86	36.03	36.67	-0.637	71.42	74.99	26.542	131.76	0
"2010-02-14	17:00:00"	16.45	41.83	9.44	26.05	12.81	41.06	12.09	21.87	37.35	37.87	-0.522	61.89	65.75	26.558	94.941	0
"2010-02-14	18:00:00"	14.64	41.97	10.02	21.87	11.37	41.59	12.46	17.7	38.71	38.97	-0.267	52.19	56.69	26.57	55.676	0
"2010-02-14	19:00:00"	14.85	38.8	8.6	21.87	11.3	38.47	11.43	18.3	38.06	37.82	0.235	44.56	50.11	26.587	7.8735	0
"2010-02-14	20:00:00"	12.95	32.17	6.887	18.3	9.87	31.17	11.04	16.51	35.88	35.58	0.3	45.46	51.44	26.606	0	0
"2010-02-14	21:00:00"	14.35	30.55	6.566	20.09	10.94	29.66	10.86	16.51	33.65	33.37	0.28	49.49	55.67	26.622	0	0
"2010-02-14	22:00:00"	13.12	26.33	6.657	19.49	10.07	25.14	12	15.91	32.56	32.45	0.105	47.7	53.88	26.644	0	0
"2010-02-14	23:00:00"	13.56	26.16	6.989	18.3	10.38	25.21	12.41	15.91	32.31	32.23	0.079	45.78	51.9	26.656	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-15	00:00:00"	13.75	21.8	8.33	23.07	10.63	19.83	13.94	19.49	31.86	31.83	0.03	45.19	51.24	26.666	0
"2010-02-15	01:00:00"	13.23	28.96	7.833	21.28	10.24	28.07	12.86	17.1	31.05	31.05	-0.002	43.06	49.25	26.676	0
"2010-02-15	02:00:00"	9.76	30.95	8.84	13.52	7.596	30.91	13	11.14	30.66	30.65	0.004	44.29	50.61	26.678	0
"2010-02-15	03:00:00"	6.832	40.58	14.69	12.33	5.339	39.13	17.06	10.54	30.43	30.4	0.022	46.43	52.9	26.676	0
"2010-02-15	04:00:00"	4.819	17.4	11.36	8.75	3.677	14.4	16.74	6.964	30.29	30.21	0.083	46.08	53.31	26.669	0
"2010-02-15	05:00:00"	5.445	0.656	13.46	8.16	4.042	355.3	13.88	6.368	30.01	29.85	0.165	47.46	55.53	26.658	0
"2010-02-15	06:00:00"	4.493	327	22.66	6.368	2.418	321.4	24.84	4.578	29.62	29.13	0.491	50.13	60.86	26.657	0
"2010-02-15	07:00:00"	4.854	292.7	9.12	6.368	2.118	293.2	11	4.578	29.46	28.39	1.066	53.72	66.37	26.663	0
"2010-02-15	08:00:00"	6.885	310.6	12.22	9.95	3.437	316.1	12.67	5.771	28.41	25.88	2.528	58.4	73.49	26.661	5.0415
"2010-02-15	09:00:00"	7.207	329.6	9.9	10.54	5.15	327.6	11.4	9.35	29.24	29.31	-0.075	54.24	62.53	26.677	148.33
"2010-02-15	10:00:00"	6.135	351.9	23.45	11.14	5.067	349.1	25.47	9.95	32.67	33.77	-1.099	36.3	40.2	26.693	356.94
"2010-02-15	11:00:00"	4.939	354.8	58.35	10.54	4.16	351.5	61.78	9.35	34.82	36.02	-1.205	32.62	35.93	26.694	541.13
"2010-02-15	12:00:00"	5.172	26.91	51.93	11.14	4.387	22.06	57	11.14	37.05	38.39	-1.337	28.56	31.72	26.68	679.67
"2010-02-15	13:00:00"	4.224	42.28	79.47	9.95	3.719	44.85	78.5	8.75	39.2	40.21	-1.014	27.98	30.83	26.655	757.42
"2010-02-15	14:00:00"	4.988	232.6	52.73	10.54	4.345	233	58.14	9.95	40.8	42.05	-1.253	28.78	31.32	26.625	761.51
"2010-02-15	15:00:00"	5.549	279.7	42.68	12.33	4.726	279.1	47.87	11.14	42.53	43.86	-1.336	29.2	31.42	26.596	678.53
"2010-02-15	16:00:00"	5.273	308.8	48.77	12.33	4.261	308.2	52.91	10.54	43.22	44.53	-1.311	28.51	30.69	26.577	519.55
"2010-02-15	17:00:00"	4.733	239.2	40.32	9.35	3.983	238.6	43.15	8.16	44.31	45.13	-0.817	27.83	30.21	26.565	412.62
"2010-02-15	18:00:00"	3.473	186.2	65.29	9.35	2.864	182.8	68.65	8.75	44.5	44.92	-0.416	27.11	29.68	26.557	216.37
"2010-02-15	19:00:00"	2.576	81.2	54.38	7.561	1.623	81	46.66	5.771	43.88	43.56	0.325	28.63	32.81	26.554	25.756
"2010-02-15	20:00:00"	2.821	65.8	22.34	4.578	1.477	54.45	37.74	4.578	41.7	40.62	1.072	33.57	38.36	26.559	0
"2010-02-15	21:00:00"	4.069	126.2	16.95	7.561	1.423	114.6	20.36	4.578	40.17	38.17	1.997	35.67	44.05	26.557	0
"2010-02-15	22:00:00"	5.552	160.5	12.47	7.561	2.029	164.5	21.94	3.982	39.29	36.5	2.795	35.16	48.93	26.564	0
"2010-02-15	23:00:00"	4.544	196.4	10.88	5.175	1.082	204.1	15.31	3.982	38.92	37.46	1.459	34.23	42.77	26.57	0
"2010-02-16	00:00:00"	3.923	222.8	10.9	6.368	2.311	238	16.38	4.578	38.3	37.18	1.129	35.91	44.37	26.573	0
"2010-02-16	01:00:00"	3.186	204.7	6.45	4.578	1	209.5	13.21	1.596	38.12	37.01	1.113	36.19	42.94	26.575	0
"2010-02-16	02:00:00"	4.159	241.5	64.75	14.12	2.422	293.7	57.45	11.74	37.37	35.86	1.51	37.97	47.29	26.584	0
"2010-02-16	03:00:00"	7.793	64.94	10.72	11.74	5.387	62.78	12.11	8.75	32.25	31.65	0.603	55.72	64.73	26.593	0
"2010-02-16	04:00:00"	7.299	64.77	8.21	9.95	4.872	61.2	10.44	7.561	30.65	29.9	0.742	54.3	63.47	26.591	0
"2010-02-16	05:00:00"	7.601	69.45	6.773	9.95	4.682	62.29	8.87	6.368	29.86	28.83	1.036	53.45	64.6	26.589	0
"2010-02-16	06:00:00"	7.267	63.96	6.156	8.75	4.38	56.69	8.28	5.771	28.71	27.35	1.356	53.05	65.03	26.595	0
"2010-02-16	07:00:00"	6.805	59.07	4.29	8.16	4.119	52.18	7.07	5.771	28.78	27.46	1.312	52.86	64.81	26.603	0
"2010-02-16	08:00:00"	6.901	62.59	6.086	8.16	4.237	55.15	8.43	7.561	28.25	26.97	1.287	56.69	69.27	26.609	7.338
"2010-02-16	09:00:00"	6.96	65.27	8.84	9.35	5.251	62.24	11.03	7.561	30.32	30.31	0.008	52.65	60.26	26.623	98.558
"2010-02-16	10:00:00"	9.08	80	8.34	12.93	7.306	78.25	10.24	11.74	34.85	35.41	-0.552	37.01	42.16	26.641	220.13
"2010-02-16	11:00:00"	7.642	90.3	14.76	11.74	6.384	88	15.89	10.54	37.85	38.61	-0.763	30.98	34.81	26.654	296.37
"2010-02-16	12:00:00"	4.112	115.6	54.23	9.95	3.668	116.8	60.2	8.75	40.68	41.44	-0.754	30.28	33.28	26.654	540.14
"2010-02-16	13:00:00"	5.234	166.8	56.18	10.54	4.543	165.8	64.63	10.54	42.44	43.31	-0.871	29.35	32	26.633	574.7
"2010-02-16	14:00:00"	4.785	136.3	44.01	9.35	4.073	137.2	45.82	8.16	43.69	44.48	-0.789	28.63	31.16	26.602	434.93
"2010-02-16	15:00:00"	4.798	181.3	71.77	9.35	4.383	176.7	71.37	9.95	44.79	45.72	-0.928	27.45	29.7	26.573	630.67
"2010-02-16	16:00:00"	5.901	183.7	60.6	12.33	5.107	184.5	65.49	9.95	46.21	47.26	-1.043	25.45	27.52	26.553	582.35
"2010-02-16	17:00:00"	4.513	196.5	66.68	10.54	3.949	189.2	66.74	11.14	47.14	47.83	-0.692	23.53	25.68	26.543	403.86
"2010-02-16	18:00:00"	4.136	157.9	56.96	9.35	3.571	157.4	66.94	9.35	47.51	47.9	-0.395	23.38	25.76	26.54	199.51
"2010-02-16	19:00:00"	6.867	114	14.98	10.54	4.29	106.5	18.89	9.35	45.92	44.57	1.354	26.14	32.31	26.536	28.485
"2010-02-16	20:00:00"	8.92	119.4	5.061	11.14	4.512	110.2	10.39	6.368	43.23	39.72	3.513	29.51	39.79	26.54	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-16	21:00:00"	8.64	128.2	5.438	10.54	4.686	119.9	10	6.964	39.74	37.52	2.218	34.76	44.05	26.551		0	0
"2010-02-16	22:00:00"	8.76	103.8	16.89	11.14	4.888	87	21.17	6.964	36.78	33.83	2.953	39.75	52.65	26.557		0	0
"2010-02-16	23:00:00"	9.5	96.2	5.135	11.14	4.987	75.43	7.258	6.368	34.54	30.74	3.807	44.75	60.79	26.565		0	0
"2010-02-17	00:00:00"	9.49	111.9	6.129	11.14	4.846	91	12.82	6.368	34.39	30.78	3.61	43.15	59.39	26.566		0	0
"2010-02-17	01:00:00"	8.74	127.6	7.484	11.74	5.101	121.4	10.52	7.561	34.74	33.07	1.675	39.72	50.08	26.568		0	0
"2010-02-17	02:00:00"	8.44	135.4	6.479	11.14	5.076	130.4	9.27	8.16	34.62	33.17	1.454	37.49	46.56	26.567		0	0
"2010-02-17	03:00:00"	7.639	161.9	19.91	10.54	4.632	164.1	26.95	6.964	33.53	32.07	1.46	38.31	47.71	26.564		0	0
"2010-02-17	04:00:00"	4.556	207.3	7.765	7.561	2.743	211.8	17.9	4.578	32.61	31.12	1.487	39.58	48.88	26.556		0	0
"2010-02-17	05:00:00"	4.23	182.8	24.19	5.175	2.53	171.1	62.78	4.578	33.45	31.28	2.171	38.15	48.15	26.546		0	0
"2010-02-17	06:00:00"	5.252	147.6	3.616	6.368	2.902	121.7	13.5	3.982	33.51	31.36	2.145	38.49	47.63	26.547		0	0
"2010-02-17	07:00:00"	4.198	158.7	16.11	6.368	1.53	154.4	32.05	3.386	32.33	31.05	1.278	40.46	48.35	26.544		0	0
"2010-02-17	08:00:00"	5.359	184.3	5.915	7.561	2.593	187.8	10.73	3.982	32.24	30.36	1.88	40.19	50.27	26.551	10.81		0
"2010-02-17	09:00:00"	7.374	198.4	11.54	10.54	5.409	200.9	13.38	9.35	33.43	33.19	0.245	45.31	53.34	26.571	156.85		0
"2010-02-17	10:00:00"	9.83	204.9	11.69	15.31	7.948	204.9	15.51	13.52	39.4	40.06	-0.66	40.08	44	26.577	362.93		0
"2010-02-17	11:00:00"	10.86	206.6	14.5	16.51	9.01	206.7	17.4	14.12	44.4	45.49	-1.089	34.89	37.23	26.574	548.23		0
"2010-02-17	12:00:00"	10.95	214	13.48	17.1	9.07	215.3	16.66	15.31	49.09	50.55	-1.459	31.19	32.77	26.565	687.43		0
"2010-02-17	13:00:00"	12.14	216.5	14	19.49	10.07	217.4	17.97	17.1	52.93	54.65	-1.725	28.05	29.08	26.542	765.4		0
"2010-02-17	14:00:00"	13.02	208.8	16.53	19.49	10.62	208.1	20.35	17.7	55.13	57.02	-1.884	26.43	27.08	26.511	773.45		0
"2010-02-17	15:00:00"	11.61	216.7	16.87	20.68	9.64	216.9	21.05	18.89	56.58	58.24	-1.662	25.42	26.04	26.48	696.8		0
"2010-02-17	16:00:00"	11.01	212.3	17.86	21.28	9.13	212.6	21.4	18.89	57.51	58.87	-1.365	24.32	25.03	26.46	589.68		0
"2010-02-17	17:00:00"	11.81	207.7	13.63	20.68	9.49	207.2	17.28	16.51	57.82	59.03	-1.214	23.42	24.3	26.444	414.5		0
"2010-02-17	18:00:00"	12.61	188.4	12.68	18.89	9.79	185.7	15.83	15.91	57.63	58.07	-0.439	23.1	24.59	26.432	207.95		0
"2010-02-17	19:00:00"	8.56	180.4	7.708	15.31	5.617	175.2	12.12	12.33	55.2	53.95	1.246	24.99	28.69	26.428	30.415		0
"2010-02-17	20:00:00"	8.1	157	7.11	9.35	3.983	139.9	8.1	5.771	51.26	47.35	3.904	28.38	36.49	26.429	0		0
"2010-02-17	21:00:00"	9.01	152.8	5.105	13.52	4.907	142.3	8.65	9.35	48.57	45.48	3.087	31.72	39.56	26.436	0		0
"2010-02-17	22:00:00"	9.22	159.2	5.361	11.74	5.547	155.7	7.697	7.561	44.8	43.06	1.74	38.48	45.82	26.448	0		0
"2010-02-17	23:00:00"	9.88	167.4	6.777	12.93	6.544	164	8.64	9.95	42.55	41.37	1.178	44.28	51.06	26.453	0		0
"2010-02-18	00:00:00"	9.71	175.7	6.31	13.52	6.523	173.4	8.79	9.95	42.04	40.84	1.2	46.9	53.62	26.446	0		0
"2010-02-18	01:00:00"	9.17	181.3	7.95	15.31	6.522	179.6	10.7	11.74	41.82	40.91	0.901	47.54	53.55	26.439	0		0
"2010-02-18	02:00:00"	8.25	187.4	8.07	11.74	5.376	190.5	11.74	9.35	39.86	38.58	1.28	51.41	58.53	26.429	0		0
"2010-02-18	03:00:00"	8.67	187.2	7.511	12.93	5.779	190	10.59	9.35	38.83	37.56	1.265	54.05	61.36	26.417	0		0
"2010-02-18	04:00:00"	8.44	191.2	7.673	11.74	5.609	194	11.09	8.75	37.9	36.54	1.361	55.72	63.43	26.404	0		0
"2010-02-18	05:00:00"	8.24	194.1	5.045	10.54	4.793	201.6	10.6	7.561	36.8	34.56	2.241	57.51	67.56	26.392	0		0
"2010-02-18	06:00:00"	7.164	201.3	7.271	9.35	4.407	215.6	8.3	5.771	36.21	33.61	2.595	58.49	69.42	26.389	0		0
"2010-02-18	07:00:00"	8.16	214.6	3.994	9.95	5.066	219.6	7.433	6.368	35.54	33.43	2.112	60.62	70.84	26.397	0		0
"2010-02-18	08:00:00"	7.737	213.5	5.118	9.95	4.832	220.8	7.845	6.964	35.41	33.5	1.914	60.98	70.94	26.403	12.085		0
"2010-02-18	09:00:00"	7.697	211	10.68	11.14	5.915	214.7	13.28	9.35	36.96	36.98	-0.023	59.81	65.37	26.414	158.66		0
"2010-02-18	10:00:00"	11.12	183.8	8.99	15.91	9	181.3	11.86	14.12	43.61	44.29	-0.679	47.75	51.15	26.422	362.8		0
"2010-02-18	11:00:00"	9.8	193.9	12.73	14.72	8.08	193.1	15.41	12.93	49.17	50.31	-1.139	38.98	40.88	26.421	549.55		0
"2010-02-18	12:00:00"	10.41	189.6	14.57	20.09	8.6	187.4	18.7	18.3	54.33	55.7	-1.365	32.63	33.61	26.41	689.26		0
"2010-02-18	13:00:00"	12.15	185	16.34	20.09	10.07	182.2	19.48	17.7	58.11	59.7	-1.587	28.77	29.21	26.384	767.28		0
"2010-02-18	14:00:00"	13.71	187.5	15.57	19.49	11.29	184.5	19.54	17.7	60.81	62.5	-1.691	26.03	26.16	26.345	772.75		0
"2010-02-18	15:00:00"	14.8	182	12.6	24.26	12.1	179.2	15.66	21.87	62.13	63.76	-1.623	25.47	25.49	26.314	694.42		0
"2010-02-18	16:00:00"	14.42	194.5	15.42	22.47	11.47	193.2	19	19.49	63.56	65.04	-1.479	25	24.99	26.296	582.84		0
"2010-02-18	17:00:00"	13.82	191.1	14.82	22.47	10.91	189.2	18.57	19.49	64.67	65.69	-1.022	24.06	24.31	26.28	406.53		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-18	18:00:00"	13.72	186.7	13.42	21.28	10.58	184.7	16.65	17.1	64.5	64.84	-0.335	24.08	24.88	26.271	198.89	0	
"2010-02-18	19:00:00"	11.96	164.2	7.335	16.51	8.76	159.9	8.95	14.12	61.03	60.28	0.754	27.32	29.62	26.273	28.918	0	
"2010-02-18	20:00:00"	13.15	159.9	6.609	19.49	9.67	155.5	7.892	15.91	55.33	54.54	0.793	35.08	38.15	26.279	0	0	
"2010-02-18	21:00:00"	13.34	164.4	7.95	22.47	10.19	161.6	9.84	17.1	51.58	51.05	0.533	45.8	49.53	26.29	0	0	
"2010-02-18	22:00:00"	13.95	177.7	8.07	20.68	10.72	175.4	10.51	17.7	48.98	48.57	0.407	57.09	60.94	26.296	0	0	
"2010-02-18	23:00:00"	12.46	185	14.36	20.68	9.47	183.1	17.41	15.91	46.83	46.4	0.428	65.95	70.1	26.3	0	0	
"2010-02-19	00:00:00"	12.03	187.1	8.47	18.3	8.89	185.9	11.11	14.72	44.78	44.37	0.417	74.69	78.98	26.298	0	0	
"2010-02-19	01:00:00"	10.07	196.5	8.27	14.72	7.249	196.5	11.89	11.74	42.65	42.18	0.478	80.9	85.4	26.3	0	0	
"2010-02-19	02:00:00"	9.98	191.4	7.887	14.72	7.22	190.8	11.15	10.54	41	40.57	0.424	85.4	89.8	26.295	0	0	
"2010-02-19	03:00:00"	9.23	198.2	8.39	12.33	6.282	198.9	12.7	9.35	39.45	38.96	0.49	88.4	92.7	26.289	0	0	
"2010-02-19	04:00:00"	9.26	204.2	6.795	12.33	6.152	205.5	10.66	9.35	38.59	38.09	0.506	89.4	93.7	26.279	0	0	
"2010-02-19	05:00:00"	8.84	227	17.88	12.33	6.345	231	19.98	11.14	37.88	37.48	0.405	90	94.3	26.28	0	0	
"2010-02-19	06:00:00"	9.72	226.3	10.73	14.12	7.719	229.7	12.58	11.14	37.61	37.62	-0.008	90.6	94.8	26.287	0	0	
"2010-02-19	07:00:00"	9.11	232.8	8.78	14.12	7.602	235.7	10.62	11.74	37.59	37.65	-0.069	90.8	95.1	26.296	0	0	
"2010-02-19	08:00:00"	9.6	232.8	7.54	13.52	7.948	236.3	9.8	11.74	37.32	37.47	-0.149	90.9	95.2	26.309	6.7188	0	
"2010-02-19	09:00:00"	10.09	231.6	7.517	14.12	8.45	233.7	10.19	12.33	37.23	37.61	-0.374	91	95.3	26.326	80.3	0	
"2010-02-19	10:00:00"	11.01	232.5	7.669	14.72	9.34	235.2	10.2	12.93	39.05	39.65	-0.603	91.4	95.6	26.342	249.72	0	
"2010-02-19	11:00:00"	9.22	242.9	10.39	13.52	8.26	244.2	13.28	12.93	46.32	47.45	-1.127	79.08	79.83	26.355	550.87	0	
"2010-02-19	12:00:00"	10.3	258.9	16.23	15.91	8.66	260.6	18.12	14.72	59.28	60.65	-1.378	36.92	37.48	26.353	694.7	0	
"2010-02-19	13:00:00"	12	262.5	16.72	21.87	9.97	263.9	18.68	18.3	64	65.73	-1.733	22.76	22.87	26.332	765.82	0	
"2010-02-19	14:00:00"	14.43	262	16.61	25.45	11.61	263.8	17.94	23.66	66.04	67.95	-1.914	17.88	17.81	26.309	785.06	0	
"2010-02-19	15:00:00"	13.24	260	19.09	22.47	10.97	261.3	20.43	21.28	66.97	68.68	-1.712	16.6	16.52	26.284	708.37	0	
"2010-02-19	16:00:00"	13.19	251.9	19	27.24	11.01	253.3	20.76	26.65	67.77	69.08	-1.306	16.02	16.08	26.271	519.05	0	
"2010-02-19	17:00:00"	10.41	258.3	16.25	20.09	8.83	259	17.84	18.89	67.68	68.45	-0.776	16.52	16.85	26.263	320.08	0	
"2010-02-19	18:00:00"	15.22	239.7	18.16	25.45	12.48	240.9	19.98	20.68	67.29	67.49	-0.201	17.07	17.73	26.262	181.38	0	
"2010-02-19	19:00:00"	10.27	233.5	7.45	20.68	7.804	234.5	8.79	16.51	63.65	62.45	1.207	19.71	21.99	26.28	18.199	0	
"2010-02-19	20:00:00"	7.551	214.5	8.35	10.54	4.208	208.9	12.71	6.368	60.62	57.41	3.211	21.95	27.14	26.293	0	0	
"2010-02-19	21:00:00"	7.658	233.4	21.13	13.52	5.06	233.3	22.48	12.33	58.15	56.37	1.777	25.29	29.55	26.299	0	0	
"2010-02-19	22:00:00"	7.613	259.3	11.65	11.14	4.876	259.5	15.84	7.561	56.02	53.9	2.12	27.36	32.35	26.307	0	0	
"2010-02-19	23:00:00"	7.804	243.3	43.01	15.31	4.736	240.1	46.07	8.75	53.5	49.79	3.716	29.83	38.12	26.315	0	0	
"2010-02-20	00:00:00"	12.61	183	7.817	19.49	9.18	181.2	11.06	13.52	50.37	49.47	0.901	53.44	57.41	26.316	0	0	
"2010-02-20	01:00:00"	9.58	195.7	8.16	15.31	6.616	196.4	11.46	11.74	46.72	45.99	0.737	76.46	80.7	26.308	0	0	
"2010-02-20	02:00:00"	8.15	205.9	5.965	10.54	5.208	206.8	9.66	8.16	44.35	43.21	1.14	84.4	89	26.301	0	0	
"2010-02-20	03:00:00"	8.66	214.9	7.276	11.74	5.701	217.3	10.32	8.75	42.59	41.74	0.847	88.7	93	26.297	0	0	
"2010-02-20	04:00:00"	10.08	205.2	9.96	16.51	7.404	206.6	13.08	13.52	42.97	42.89	0.076	91.2	94.9	26.293	0	0	
"2010-02-20	05:00:00"	10.95	196.7	9.06	16.51	8.28	196.5	12.52	13.52	44.21	44.28	-0.069	91.8	95.3	26.288	0	0	
"2010-02-20	06:00:00"	12.56	189.3	9.37	18.89	9.3	189.2	12.86	14.72	44.68	44.75	-0.065	92	95.5	26.287	0	0	
"2010-02-20	07:00:00"	12.27	190.5	8.9	18.89	9.25	190.3	12.22	15.31	44.69	44.77	-0.077	92	95.4	26.3	0	0	
"2010-02-20	08:00:00"	13.27	190.4	8.8	17.7	9.92	190.5	12.46	14.72	44.68	44.74	-0.059	91.4	94.6	26.309	4.0557	0	
"2010-02-20	09:00:00"	12.2	184.5	9.51	17.1	9.39	182.9	12.23	14.12	45.86	45.86	0.009	87.7	91.6	26.319	89.312	0	
"2010-02-20	10:00:00"	11.77	192.3	10.71	17.1	9.55	191.1	13.96	14.12	47.88	48.67	-0.787	81.1	83	26.325	367.34	0	
"2010-02-20	11:00:00"	11.3	193.4	13.97	15.31	9.24	192.5	17.38	14.12	52.05	53.29	-1.243	69.74	70.13	26.314	553.65	0	
"2010-02-20	12:00:00"	12.13	201.8	15.3	18.3	9.92	200.2	19.62	15.91	56.97	58.55	-1.583	54.78	54.4	26.3	693.32	0	
"2010-02-20	13:00:00"	14.07	205.1	15.2	23.66	11.41	204.9	18.93	20.68	61.42	63.26	-1.834	38.81	38.14	26.269	772.2	0	
"2010-02-20	14:00:00"	15.23	216.3	15.02	26.65	12.38	217.5	18.03	21.87	64.53	66.47	-1.944	27.65	27.13	26.234	781.43	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-20	15:00:00"	14.89	207.9	19.88	24.26	11.96	207.5	22.27	20.09	65.77	67.6	-1.839	27	26.43	26.198	705.32	0	
"2010-02-20	16:00:00"	14.47	206.6	16.45	24.86	11.64	205.6	20.06	21.87	66.68	68.27	-1.589	24.47	24.07	26.166	595.65	0	
"2010-02-20	17:00:00"	13.59	205.9	15.2	27.24	10.89	204.8	18.31	21.87	67.1	68.24	-1.143	22.5	22.46	26.149	418.34	0	
"2010-02-20	18:00:00"	14	213.2	12.32	22.47	10.7	212.8	15.47	19.49	67.09	67.42	-0.329	19.91	20.52	26.144	189.26	0	
"2010-02-20	19:00:00"	6.847	218.3	10.9	16.51	4.346	222.9	18.82	14.12	64.53	63.16	1.365	21.39	23.89	26.15	10.398	0	
"2010-02-20	20:00:00"	10.85	223.4	42.23	46.33	8.1	219.3	48.74	40.96	64.07	63.02	1.048	23.25	25.56	26.165	0	0	
"2010-02-20	21:00:00"	9.03	173.5	21.01	17.7	6.318	172.5	27.51	14.72	59.09	58.33	0.76	47.45	50.28	26.174	0	0	
"2010-02-20	22:00:00"	6.76	233.9	29.1	13.52	4.935	241	31.56	11.14	55.95	55.27	0.677	60.09	63.52	26.21	0	0	
"2010-02-20	23:00:00"	8.76	213.6	11.01	35.59	6.219	213.8	14.03	26.65	56.08	55.57	0.511	64.68	68.15	26.221	0	0	
"2010-02-21	00:00:00"	8.65	193.3	18.16	18.89	5.965	191.7	21.94	15.91	57.35	56.44	0.91	46.71	51.43	26.202	0	0	
"2010-02-21	01:00:00"	13.29	247.3	26.96	28.43	10.26	249.6	28.47	22.47	55.08	54.55	0.54	48.56	52.77	26.213	0	0	
"2010-02-21	02:00:00"	11.19	245.1	11.24	18.89	8.99	246.8	13.15	15.91	53.36	52.96	0.406	41.83	45.57	26.206	0	0	
"2010-02-21	03:00:00"	9.56	269.5	16.31	17.7	6.407	272.3	18.31	14.72	50.14	48.98	1.166	44.65	50.2	26.203	0	0	
"2010-02-21	04:00:00"	14.42	265.5	15.77	24.26	10.66	266.7	17.35	21.28	47.3	46.55	0.753	40.95	45.85	26.204	0	0	
"2010-02-21	05:00:00"	12.55	275.6	10.81	22.47	9.05	277.1	12.78	17.1	44.55	43.97	0.577	48.66	53.55	26.211	0	0	
"2010-02-21	06:00:00"	13.94	274	9.87	24.26	10.12	275.1	11.84	18.89	43.76	43.22	0.538	51.03	56.05	26.226	0	0	
"2010-02-21	07:00:00"	11.84	270.5	7.992	16.51	8.81	271.5	10.05	15.31	42.51	41.84	0.678	52.91	58.44	26.24	0	0	
"2010-02-21	08:00:00"	11.97	279.6	9.75	18.3	7.814	283	13	16.51	41.51	40.72	0.786	54.56	60.57	26.261	16.026	0	
"2010-02-21	09:00:00"	12.33	277	10.33	19.49	9.24	277.5	12.54	15.91	43.48	43.75	-0.263	52.13	55.86	26.285	174.97	0	
"2010-02-21	10:00:00"	17.72	281.6	8.99	25.45	12.83	282.4	11.11	22.47	48.56	49.46	-0.901	44.88	46.99	26.305	382.16	0	
"2010-02-21	11:00:00"	16.8	285.6	9.87	23.07	11.68	286	11.83	18.89	52.86	54.09	-1.233	36.08	37.15	26.303	460.26	0	
"2010-02-21	12:00:00"	16.87	297.2	14.52	26.65	10.89	297.1	15.86	21.28	54.8	55.88	-1.082	30.26	31.39	26.304	391.85	0	
"2010-02-21	13:00:00"	13.58	301	17.98	26.65	9.22	300.9	18.65	21.28	56.27	57.65	-1.377	27.12	27.99	26.29	464.44	0	
"2010-02-21	14:00:00"	11.46	257.8	17.1	18.3	9.64	259.1	18.6	16.51	57.33	58.72	-1.384	27.89	28.54	26.267	509.9	0	
"2010-02-21	15:00:00"	12.86	243.4	14.7	22.47	11.06	243.8	17.38	20.09	58.28	59.83	-1.547	28.07	28.51	26.248	609.63	0	
"2010-02-21	16:00:00"	13.02	240.7	17.59	23.07	11.28	241.4	19.57	18.89	59.46	61.05	-1.589	22.27	22.66	26.234	622.66	0	
"2010-02-21	17:00:00"	10.57	260.1	21.93	18.3	8.67	261.4	23.03	16.51	59.73	60.8	-1.064	22.6	23.29	26.228	370.8	0	
"2010-02-21	18:00:00"	8.82	239.1	21.86	18.89	7.149	240.7	23.38	15.31	59.89	60.34	-0.451	25.71	26.88	26.227	181.21	0	
"2010-02-21	19:00:00"	9.52	223.9	9.6	15.31	7.121	224.9	12.42	12.93	58.5	57.91	0.592	26.24	28.57	26.234	18.745	0	
"2010-02-21	20:00:00"	7.201	188.8	18.93	11.14	3.923	175.1	25.23	6.964	54.87	52.43	2.439	29.3	35.38	26.246	0	0	
"2010-02-21	21:00:00"	7.571	252.5	44.35	14.12	4.312	258.4	51.06	11.14	54.85	52.77	2.079	30.34	35.86	26.263	0	0	
"2010-02-21	22:00:00"	7.999	302.6	72.56	17.1	5.764	311.7	72.07	15.31	52.88	51.71	1.169	36.36	40.44	26.274	0	0	
"2010-02-21	23:00:00"	12.73	83.3	15.75	20.68	9.61	80.5	17.29	15.91	43.06	42.91	0.146	62.77	66.83	26.286	0	0	
"2010-02-22	00:00:00"	11.99	89.6	11.15	18.3	9.14	85.7	12.72	14.12	40.13	39.95	0.177	68.73	73.15	26.286	0	0	
"2010-02-22	01:00:00"	14.38	80.9	9.95	21.87	10.97	78.36	11.35	17.1	37.23	37.12	0.103	76.44	80.9	26.282	0	0	
"2010-02-22	02:00:00"	15.47	72.46	8.36	23.66	11.77	70.55	10.31	20.09	35.14	35.25	-0.104	81.2	85.5	26.294	0	0	
"2010-02-22	03:00:00"	13.75	77.79	8.15	19.49	10.54	75.52	10.34	16.51	34.2	34.47	-0.27	81.8	85.9	26.299	0	0	
"2010-02-22	04:00:00"	11.95	74.02	9.22	16.51	9.26	72.08	10.98	13.52	33.21	33.5	-0.287	82.7	86.8	26.292	0	0	
"2010-02-22	05:00:00"	10.78	88.8	9.35	15.31	8.46	86.8	10.89	14.72	32.1	32.49	-0.383	84.6	88.6	26.29	0	0	
"2010-02-22	06:00:00"	10.51	91.5	12.87	14.72	8.21	89.2	14.7	11.74	31.97	32.35	-0.377	84.9	88.9	26.293	0	0	
"2010-02-22	07:00:00"	11.41	77.09	9.79	15.91	8.94	75.18	11.4	13.52	31.3	31.64	-0.339	85.7	89.8	26.295	0	0	
"2010-02-22	08:00:00"	10.78	84.5	10.53	14.12	8.49	82.6	11.78	12.33	30.49	30.88	-0.392	86	90.1	26.305	4.7732	0	
"2010-02-22	09:00:00"	9.98	74.94	11.78	13.52	7.869	73.17	13.67	11.14	30.29	30.8	-0.503	85.8	89.8	26.318	39.26	0	
"2010-02-22	10:00:00"	8.92	94.7	13.67	13.52	7.24	92.3	15.57	11.14	31.51	32.26	-0.756	82.9	86.3	26.324	103.04	0	
"2010-02-22	11:00:00"	9.64	104.9	12.88	14.72	7.901	102.8	15.96	13.52	32.96	34.13	-1.169	79.87	82.2	26.314	262.22	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-22	12:00:00"	8.58	103.2	18.75	12.93	7.184	101.5	21.25	11.74	35.75	37.15	-1.397	74.04	75.64	26.31	414.22	0	
"2010-02-22	13:00:00"	10.06	104.1	13.32	15.91	8.4	102.3	16.26	14.12	38.1	39.66	-1.558	68.74	69.82	26.291	483.94	0	
"2010-02-22	14:00:00"	10.19	99.5	14.9	17.1	8.39	96.7	17.04	13.52	39.59	41.13	-1.546	65.35	66.23	26.266	392.54	0	
"2010-02-22	15:00:00"	10.66	96.9	12.77	14.72	8.67	95	15.61	13.52	40.58	41.91	-1.324	63.03	64.34	26.236	283.52	0	
"2010-02-22	16:00:00"	11.71	87.4	11.97	18.89	9.6	85.6	13.63	14.72	40.97	42.36	-1.389	61.51	62.72	26.224	320.2	0	
"2010-02-22	17:00:00"	15.31	88.9	10.26	21.28	12.19	86.9	12.03	18.3	40.8	42.21	-1.411	60.7	61.91	26.209	304.35	0	
"2010-02-22	18:00:00"	15.9	86.1	10.27	21.28	12.48	83.8	12.14	18.3	40.04	41.05	-1.013	60.77	62.73	26.212	207.84	0	
"2010-02-22	19:00:00"	16.57	81.8	7.637	24.26	12.79	80.2	9.44	19.49	37.04	37.28	-0.239	64.51	68.25	26.217	19.119	0	
"2010-02-22	20:00:00"	17.16	84.2	8.69	26.05	13.24	82.3	10.25	21.28	33.78	33.92	-0.145	70.73	75.61	26.234	0	0	
"2010-02-22	21:00:00"	18.49	72.58	10.74	26.65	14.12	70.77	11.95	24.86	31.95	32.09	-0.147	73.91	78.87	26.258	0	0	
"2010-02-22	22:00:00"	19.93	63.4	7.871	27.24	15.15	62.39	10.19	22.47	30.08	30.18	-0.102	79.62	85.1	26.277	0	0	
"2010-02-22	23:00:00"	19.98	60.68	8.1	27.84	15.25	59.38	10.63	23.07	29.05	29.2	-0.158	80.8	86.3	26.308	0	0	
"2010-02-23	00:00:00"	16	59.01	9.62	24.26	12.38	57.37	11.26	21.28	27.88	28	-0.12	83.3	88.7	26.33	0	0.03	
"2010-02-23	01:00:00"	17.67	45.66	8.77	25.45	13.73	45.27	10.94	21.28	27.19	27.3	-0.107	81.9	87.4	26.347	0	0	
"2010-02-23	02:00:00"	19.4	39.11	8	28.43	15.11	38.82	10.51	24.26	26.32	26.46	-0.144	79.93	85.7	26.357	0	0	
"2010-02-23	03:00:00"	16.23	32.33	8.95	26.05	12.68	31.88	12.48	21.87	25.43	25.58	-0.152	80.4	86.2	26.384	0	0	
"2010-02-23	04:00:00"	16.4	26.33	7.99	25.45	12.79	25.38	12.93	20.68	24.62	24.75	-0.132	80.1	85.9	26.395	0	0.01	
"2010-02-23	05:00:00"	14.97	21.33	8.99	23.66	11.72	19.35	15.8	20.09	24.24	24.34	-0.1	80.2	86.1	26.392	0	0	
"2010-02-23	06:00:00"	14.14	10.61	9.78	26.05	11.06	6.589	16.21	20.09	23.61	23.73	-0.117	79.79	85.8	26.418	0	0.01	
"2010-02-23	07:00:00"	13.06	4.231	10.67	18.89	10.22	359	15.05	15.91	23.19	23.3	-0.108	79.97	85.9	26.458	0	0.01	
"2010-02-23	08:00:00"	12.55	3.28	11.07	18.3	9.97	358.1	15.27	15.31	23.14	23.25	-0.116	80.8	86.6	26.482	4.0388	0.01	
"2010-02-23	09:00:00"	12.22	1.293	10.82	16.51	9.74	355.8	13.95	15.31	23.52	23.73	-0.21	79.53	85.2	26.504	68.529	0	
"2010-02-23	10:00:00"	14.69	2.838	11.91	20.09	11.76	357.9	13.3	17.7	25.05	25.64	-0.588	74.6	79.75	26.53	334.13	0.01	
"2010-02-23	11:00:00"	15	9.85	11	20.68	12.03	5.524	15.71	18.89	26.81	27.66	-0.845	68.28	73.61	26.541	537.8	0	
"2010-02-23	12:00:00"	15.04	356.9	13.2	23.66	12.05	351.9	13.86	19.49	28.84	29.93	-1.085	63.53	69.57	26.556	557.84	0	
"2010-02-23	13:00:00"	16.91	356.3	15.49	24.26	13.62	351.4	15.41	21.28	30.75	32.19	-1.443	54.76	62.68	26.557	689.24	0	
"2010-02-23	14:00:00"	15.23	356	15.92	24.26	12.3	352	17.48	21.28	31.87	33.61	-1.739	49.38	58.09	26.544	731.85	0	
"2010-02-23	15:00:00"	14.54	344.1	17.35	26.65	11.73	341.1	16.8	24.26	33.88	35.84	-1.959	45.71	53.45	26.527	723.95	0	
"2010-02-23	16:00:00"	15.73	354.7	14.78	26.65	12.66	349.6	16.07	24.86	35.66	37.46	-1.796	40.96	47.4	26.522	614.93	0	
"2010-02-23	17:00:00"	15.07	345.5	15.06	23.66	12.05	342.6	15.19	20.09	36.94	38.43	-1.485	37.9	42.98	26.53	437.46	0	
"2010-02-23	18:00:00"	15.21	339.9	13.68	23.66	11.87	337.2	14.03	20.09	37.58	38.38	-0.807	38.09	43.12	26.529	224.97	0	
"2010-02-23	19:00:00"	12.15	332.3	8.86	19.49	8.95	330.1	10.37	17.1	36.84	36.58	0.26	42.67	49.48	26.538	39.405	0	
"2010-02-23	20:00:00"	8.22	312.8	5.827	10.54	3.946	312.3	7.97	6.368	33.93	32.34	1.585	53.59	64.59	26.545	0.02848	0	
"2010-02-23	21:00:00"	8.32	306.6	5.592	11.14	3.705	308.4	8.36	6.964	32.02	30.48	1.543	60.53	71.75	26.555	0	0	
"2010-02-23	22:00:00"	9	312.9	5.863	12.33	4.803	311.2	8.65	8.16	31.15	30.24	0.914	63.67	72.63	26.568	0	0	
"2010-02-23	23:00:00"	7.615	307.6	5.38	9.35	3.186	305.7	8.15	4.578	29.66	28.11	1.548	65.65	76.66	26.573	0	0	
"2010-02-24	00:00:00"	8.19	302.6	5.009	11.14	3.412	301.4	8.11	5.771	28.7	27	1.702	67.39	78.74	26.572	0	0	
"2010-02-24	01:00:00"	8.76	314.7	5.689	11.14	4.663	314	8.61	6.964	28.48	27.2	1.273	66.39	76.61	26.573	0	0	
"2010-02-24	02:00:00"	8.57	322.3	6.447	11.14	4.298	319.9	9.69	5.771	29.22	26.65	2.569	60.77	74.92	26.571	0	0	
"2010-02-24	03:00:00"	9.5	310.1	3.978	12.93	4.659	311.8	8.16	7.561	28.27	26.38	1.899	63.47	75.63	26.578	0	0	
"2010-02-24	04:00:00"	7.071	304.5	9.08	9.95	3.123	295	19.86	6.964	27.78	25.7	2.083	61.32	74.35	26.572	0	0	
"2010-02-24	05:00:00"	5.97	294.5	7.092	7.561	2.768	310.4	5.879	4.578	29.38	25.87	3.509	53.48	69.91	26.56	0	0	
"2010-02-24	06:00:00"	4.588	255.5	18.49	7.561	1.995	237.8	39.94	3.982	29.69	27.06	2.628	51.71	65.6	26.553	0	0	
"2010-02-24	07:00:00"	6.079	251.9	8.24	8.16	3.984	255	9.07	5.771	29.71	27.12	2.594	50.25	64.81	26.554	0	0	
"2010-02-24	08:00:00"	5.223	239.4	3.655	6.964	3.418	242	10.2	4.578	29.92	27.3	2.621	48.8	64.35	26.554	20.012	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-24	09:00:00"	7.915	228.4	8.84	12.93	6.104	229	11.03	11.14	31.45	31.19	0.265	48.45	58.6	26.567	191.82	0
"2010-02-24	10:00:00"	9.8	222.2	10.47	13.52	8.32	222.9	13.46	11.74	34.61	35.29	-0.683	51.81	57	26.577	404.41	0
"2010-02-24	11:00:00"	10.98	220.1	10.73	16.51	9.1	220.7	14.41	14.12	40.38	41.47	-1.096	44.59	49.13	26.583	594.22	0
"2010-02-24	12:00:00"	11.87	224.4	12.37	17.7	9.98	224.9	15.27	15.31	45.54	46.99	-1.45	34.93	38.2	26.574	733.76	0
"2010-02-24	13:00:00"	15.38	223	11.43	24.86	12.69	224.3	13.36	21.28	49.53	51.17	-1.64	30.52	32.77	26.552	800.93	0
"2010-02-24	14:00:00"	17.85	222.9	12.58	27.24	14.49	223.8	15.42	21.87	52.42	54.22	-1.796	23.77	25.59	26.518	807.9	0
"2010-02-24	15:00:00"	19.37	225.9	10.92	29.63	15.89	226.8	13.51	25.45	53.99	55.58	-1.588	22.9	24.31	26.479	659	0
"2010-02-24	16:00:00"	19.08	223	11.66	29.03	15.31	223.6	14.55	26.65	55.63	57.05	-1.42	21.83	23.17	26.456	597.16	0
"2010-02-24	17:00:00"	19.19	227	10.41	27.84	15.36	228.3	12.42	23.66	56.07	56.97	-0.897	22.11	23.56	26.436	385.06	0
"2010-02-24	18:00:00"	19.59	224.7	8.21	27.84	15.26	225.6	11.07	25.45	55.91	56.32	-0.402	23.73	25.47	26.416	233.11	0
"2010-02-24	19:00:00"	15.71	223.3	7.903	23.66	12.01	224.5	10.93	18.89	53.8	53.31	0.486	27.86	30.6	26.405	34.638	0
"2010-02-24	20:00:00"	11.36	220.8	8.56	17.7	8.16	222.8	11.25	14.12	49.63	48.69	0.941	31.78	35.73	26.402	0.00038	0
"2010-02-24	21:00:00"	8.72	211.7	13.21	12.93	5.697	211.5	16.36	9.95	46.38	45.15	1.227	36.49	42.11	26.397	0	0
"2010-02-24	22:00:00"	8.58	207.1	9.51	12.93	5.322	205.5	13.07	9.35	44.28	42.71	1.568	39.36	46.82	26.387	0	0
"2010-02-24	23:00:00"	12.55	219.6	6.75	17.7	9.07	221	9.84	15.91	44.9	43.97	0.926	38.88	44.55	26.371	0	0
"2010-02-25	00:00:00"	10.01	225	7.207	15.31	7.038	228.1	9.72	13.52	42.41	41.17	1.244	44.3	51.2	26.351	0	0
"2010-02-25	01:00:00"	7.854	216.2	7.877	9.95	4.862	214.1	12.43	7.561	38.87	37.11	1.758	52.2	61.57	26.33	0	0
"2010-02-25	02:00:00"	7.43	212.1	7.158	9.35	4.387	208.8	10.82	6.964	38.99	36.73	2.259	51.1	62.32	26.313	0	0
"2010-02-25	03:00:00"	8.43	222.1	8.09	12.33	5.639	222.5	13.04	9.95	39.17	38.35	0.822	51.88	60.18	26.295	0	0
"2010-02-25	04:00:00"	8.81	236.3	9.8	12.33	6.74	238.6	11.34	9.95	41.27	40.52	0.752	46.84	53.61	26.274	0	0
"2010-02-25	05:00:00"	9.35	249	14.94	14.72	6.659	252	17.14	12.93	41.34	39.85	1.492	44.25	52.46	26.266	0	0
"2010-02-25	06:00:00"	8.88	286.4	14.67	11.74	4.812	291.8	17.61	9.35	41.99	38.97	3.022	38.59	50.8	26.27	0	0
"2010-02-25	07:00:00"	8.26	290.7	11.22	11.14	3.822	295.2	14.06	6.368	40.91	37.37	3.545	40.31	54.83	26.255	0	0
"2010-02-25	08:00:00"	8.6	247.7	18.9	11.14	5.395	246.3	18.66	8.16	40.7	38.01	2.694	40.18	52.71	26.246	9.2754	0
"2010-02-25	09:00:00"	7.567	243.6	14.64	12.33	5.753	244.7	17.79	10.54	39.01	38.49	0.525	47.81	55.59	26.257	106.26	0
"2010-02-25	10:00:00"	8.25	226.9	7.381	12.33	6.914	228.2	10.34	9.95	42.1	42.43	-0.328	43.38	47.99	26.26	190.38	0
"2010-02-25	11:00:00"	7.298	262.3	22.07	12.33	6.22	263	22.11	11.14	48.24	49.08	-0.841	35.04	37.53	26.262	411.86	0
"2010-02-25	12:00:00"	10.3	288.9	18.27	19.49	7.286	289.5	20.95	16.51	55.6	57.13	-1.531	24.68	25.94	26.251	639.07	0
"2010-02-25	13:00:00"	9.87	308.8	21.23	25.45	7.009	307.8	21.78	17.1	57.08	58.66	-1.578	22.48	23.5	26.237	533.5	0
"2010-02-25	14:00:00"	11.91	321.5	20.68	24.26	8.77	320	21.98	18.3	58.46	60.48	-2.02	26.17	26.46	26.221	652.78	0
"2010-02-25	15:00:00"	12.33	306.4	24.83	20.68	9.14	306.5	25.1	17.7	59.19	61.26	-2.062	26.75	26.85	26.207	698.24	0
"2010-02-25	16:00:00"	13.8	294	17.28	21.87	9.67	294.7	18.31	18.89	60.98	62.86	-1.885	23.4	23.49	26.192	634.89	0
"2010-02-25	17:00:00"	20.24	324.8	12.24	29.63	14.78	323.4	13.84	24.26	59.79	60.38	-0.596	27.53	28.56	26.196	171.73	0
"2010-02-25	18:00:00"	20.57	323.6	8.63	34.4	14.76	322.7	10.41	27.84	57.98	57.99	-0.008	29	30.72	26.211	100.51	0
"2010-02-25	19:00:00"	16.19	327.6	7.989	29.03	11.93	326.7	9.77	23.66	56.58	56.22	0.369	29.6	31.87	26.239	41.333	0
"2010-02-25	20:00:00"	11	331.4	7.245	15.31	7.547	330	9.67	12.93	52.48	51.22	1.263	34.91	38.99	26.274	0.04092	0
"2010-02-25	21:00:00"	15.17	356.2	17.99	27.84	11.09	352.3	18.54	24.26	48.76	47.61	1.155	43.9	49.19	26.299	0	0
"2010-02-25	22:00:00"	15.92	16.14	6.916	26.05	12.19	13.2	13.52	22.47	44.97	44.51	0.465	55.88	60.43	26.333	0	0
"2010-02-25	23:00:00"	13.18	12.58	7.11	20.09	10.02	9.02	13.61	15.91	42.38	41.81	0.564	56.37	61.62	26.361	0	0
"2010-02-26	00:00:00"	14.48	3.218	14.2	20.09	10.82	357.1	14.35	17.1	40.98	40.4	0.582	57.98	63.47	26.368	0	0
"2010-02-26	01:00:00"	14.55	352.6	11.38	20.68	11.12	347.8	11.25	16.51	40.73	40.11	0.62	57	62.57	26.375	0	0
"2010-02-26	02:00:00"	11.79	355.8	13.4	17.1	8.85	350.5	11.24	14.72	40.06	39.33	0.732	59.61	65.46	26.394	0	0
"2010-02-26	03:00:00"	10.48	3.291	11.94	16.51	7.439	358.4	12.16	13.52	38.41	37.47	0.945	63.49	70.11	26.407	0	0
"2010-02-26	04:00:00"	12.24	355.2	14.09	18.3	9.02	350.1	11.63	15.31	38.3	37.46	0.849	63.03	69.54	26.418	0	0
"2010-02-26	05:00:00"	13.7	355.5	12.24	18.89	10.42	350.1	11.61	15.91	38.6	37.98	0.621	62.07	67.98	26.433	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-26	06:00:00"	13.02	351.9	13.76	18.89	9.83	346.8	13.35	15.31	37.88	37.24	0.638	60.76	66.84	26.458	0
"2010-02-26	07:00:00"	12.81	3.123	12.72	18.3	9.71	357.1	13.97	15.91	35.95	35.37	0.58	65.34	71.49	26.472	0
"2010-02-26	08:00:00"	14.4	5.207	10.6	21.28	11.01	359.7	13.55	20.09	35.54	35.12	0.423	67.39	73.26	26.491	21.649
"2010-02-26	09:00:00"	16.61	7.772	10.93	25.45	13.16	2.586	14.47	21.87	38.43	38.76	-0.336	64.39	68.4	26.52	188.82
"2010-02-26	10:00:00"	18.95	12.13	10.08	28.43	15.05	7.835	15.77	23.66	41.84	42.85	-1.011	59.18	61.62	26.553	398.94
"2010-02-26	11:00:00"	21.24	10.07	11.59	31.42	16.89	5.866	18.58	27.84	45.52	47	-1.485	49.85	51.2	26.569	577.71
"2010-02-26	12:00:00"	19.82	10.24	14.79	29.03	15.83	6.109	19.58	24.26	47.59	49.58	-1.985	44.26	44.67	26.579	729.94
"2010-02-26	13:00:00"	19.12	4.482	13.84	29.63	15.38	359.2	17.82	25.45	49.47	51.76	-2.286	38.02	38.04	26.575	802.51
"2010-02-26	14:00:00"	19.35	8.25	13.96	30.82	15.57	4.044	18.2	26.65	51.21	53.53	-2.321	34.86	34.8	26.555	806.4
"2010-02-26	15:00:00"	17.66	11.67	15.62	26.65	14.18	8	19.23	23.07	52.92	55.18	-2.26	31.35	31.38	26.542	737.83
"2010-02-26	16:00:00"	16.48	8.85	14.41	27.84	13.24	4.906	17.97	22.47	53.32	55.02	-1.699	29.81	30.32	26.537	502.02
"2010-02-26	17:00:00"	16.27	9.35	15.74	24.26	13.06	5.732	20.16	21.87	53.47	54.99	-1.513	29.39	30.07	26.537	436.98
"2010-02-26	18:00:00"	13.96	9.25	11.93	21.87	11	4.728	16.83	18.3	52.82	53.27	-0.452	29.26	31	26.544	168.32
"2010-02-26	19:00:00"	10.46	19.24	10.31	17.7	7.765	16.13	14.86	16.51	51.26	50.69	0.563	30.64	33.65	26.552	44.304
"2010-02-26	20:00:00"	7.337	26.77	5.506	9.95	3.961	18.2	15.15	6.368	47.35	43.28	4.068	35.17	44.4	26.559	0.02961
"2010-02-26	21:00:00"	5.392	31.99	16.16	8.16	3.034	31.31	29.28	5.175	43.99	40.02	3.975	39.87	50.54	26.566	0
"2010-02-26	22:00:00"	5.238	58.3	5.885	6.964	3.628	50.43	7.15	5.175	43.27	39.79	3.478	41.14	51.39	26.58	0
"2010-02-26	23:00:00"	6.341	51.76	4.131	7.561	3.745	37.61	6.68	5.175	42.29	36.6	5.691	42.99	59.37	26.585	0
"2010-02-27	00:00:00"	7.294	51.17	5.928	9.35	3.712	28.41	20.82	5.175	41.02	33.43	7.59	44.71	66.35	26.581	0
"2010-02-27	01:00:00"	4.24	40.45	48.42	6.964	3.148	2.771	58.5	5.175	40.63	33.95	6.682	44.97	64.04	26.576	0
"2010-02-27	02:00:00"	5.531	66.34	2.554	6.964	4.141	29.4	3.725	5.175	41.03	34.39	6.645	42.69	62.23	26.563	0
"2010-02-27	03:00:00"	4.748	79.05	6.51	6.368	3.726	25.65	6.549	4.578	41.13	34.73	6.394	41.62	59.91	26.55	0
"2010-02-27	04:00:00"	4.786	108.4	71.18	7.561	3.796	10.34	67.56	5.771	39.74	34.43	5.31	44.12	61.72	26.538	0
"2010-02-27	05:00:00"	5.035	278	7.979	7.561	3.466	307.5	15.47	4.578	36.91	30.37	6.534	51.35	73.98	26.54	0
"2010-02-27	06:00:00"	3.266	245.1	23.33	5.175	2.982	315.6	26.21	5.175	39.19	33.03	6.153	45.61	65.86	26.527	0
"2010-02-27	07:00:00"	4.395	193.7	11.4	6.368	1	170.7	24.7	1	38.28	35.54	2.733	47.13	58.1	26.52	0
"2010-02-27	08:00:00"	4.765	194.4	10.75	6.964	1.712	207.5	31.07	3.982	37.4	35.64	1.757	48.76	58.27	26.516	27.371
"2010-02-27	09:00:00"	5.965	196.6	10.47	11.74	4.614	198.7	15.47	9.95	39.13	39.21	-0.077	52.02	58.48	26.54	205.34
"2010-02-27	10:00:00"	13.08	190.4	9.1	19.49	10.43	188.3	12.55	15.91	46.42	47.17	-0.752	39.83	42.91	26.55	400.48
"2010-02-27	11:00:00"	14.81	182.5	11.87	21.28	11.98	179.4	14.96	18.3	50.1	51.39	-1.29	33.43	34.99	26.54	609.25
"2010-02-27	12:00:00"	13.92	193.9	13.62	22.47	11.25	192.2	17.1	18.89	52.89	54.49	-1.599	30.83	31.72	26.536	670.33
"2010-02-27	13:00:00"	13.83	189.2	15.01	23.66	11.19	186.5	18.26	20.09	54.89	56.58	-1.692	28.76	29.38	26.504	718.26
"2010-02-27	14:00:00"	13.22	187.5	14.57	21.28	10.79	185.6	18.18	19.49	56.63	58.33	-1.702	26.24	26.72	26.464	699.9
"2010-02-27	15:00:00"	14.18	172.5	17.05	23.66	11.62	169.1	19.33	19.49	57.74	59.52	-1.779	23.66	24.04	26.415	702.29
"2010-02-27	16:00:00"	15.05	172.3	18.11	23.66	12.2	169.3	20.67	21.28	59.14	60.75	-1.61	20.53	21.01	26.383	612.9
"2010-02-27	17:00:00"	15.15	169.1	13.87	23.07	12.28	165.4	16.01	18.89	59.75	60.84	-1.085	19.23	20	26.359	382.33
"2010-02-27	18:00:00"	14.37	165.7	11.36	22.47	11.31	162.2	13.14	18.3	59.03	59.25	-0.225	20.03	21.45	26.362	121.5
"2010-02-27	19:00:00"	11.32	148.8	7.588	17.1	8.38	145.3	8.92	14.12	56.86	56.43	0.429	22.66	24.88	26.359	23.206
"2010-02-27	20:00:00"	12.04	138.2	7.026	16.51	8.62	135.4	8.43	13.52	53.75	53.1	0.647	26.53	29.35	26.344	0.00201
"2010-02-27	21:00:00"	11.2	136.8	7.475	15.91	7.99	134.2	9.36	13.52	51.11	50.41	0.703	30.58	33.76	26.343	0
"2010-02-27	22:00:00"	12.43	143.8	7.843	17.1	9.17	140.2	9.04	14.12	49.87	49.23	0.631	33.18	36.44	26.342	0
"2010-02-27	23:00:00"	12.41	150.2	7.337	17.7	9.13	146.7	8.49	13.52	49.34	48.73	0.619	32.9	36.27	26.335	0
"2010-02-28	00:00:00"	14.42	159	7.046	20.09	11	154.7	8.46	15.91	49.39	48.9	0.497	31.82	35	26.322	0
"2010-02-28	01:00:00"	12.36	153.3	8.49	19.49	9.16	150	9.66	15.31	48.28	47.69	0.589	33.31	36.69	26.304	0
"2010-02-28	02:00:00"	9.84	115.8	15.29	14.72	6.674	111.1	17.5	11.14	45.49	44.47	1.019	38.07	42.98	26.276	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-02-28	03:00:00"	9.11	93.2	6.883	11.74	5.669	83.8	9.24	8.16	41.52	39.93	1.591	46.3	53.55	26.251	0	0
"2010-02-28	04:00:00"	9.25	83.8	7.712	11.74	5.753	74.81	11.04	8.16	38.48	36.84	1.642	53.97	61.71	26.222	0	0
"2010-02-28	05:00:00"	9.89	86.1	10.17	12.93	6.691	79.44	12.98	9.95	36.92	35.94	0.982	59.36	66.24	26.2	0	0
"2010-02-28	06:00:00"	9.37	93.4	8.79	12.93	6.622	86.7	11.19	9.95	37.39	36.79	0.6	60.09	66.13	26.194	0	0
"2010-02-28	07:00:00"	9.16	92.3	7.446	12.93	6.581	86.6	9.48	9.95	37.5	37.08	0.427	61	66.76	26.187	0	0
"2010-02-28	08:00:00"	9.55	102.7	5.254	11.74	6.526	96.9	7.584	8.75	37.55	36.91	0.642	61.37	67.59	26.176	6.5931	0
"2010-02-28	09:00:00"	10.19	113.6	15.3	17.7	7.42	108.8	19.13	14.72	39.55	39.44	0.118	58.1	63.24	26.171	158.53	0
"2010-02-28	10:00:00"	21.16	149.9	8.75	30.22	16.6	146.8	10.05	26.05	46.94	47.65	-0.701	45.82	48.21	26.16	392.2	0
"2010-02-28	11:00:00"	24.21	155.8	8.57	35.59	19.31	152.3	9.67	28.43	51.52	52.61	-1.094	39.76	40.91	26.125	590.41	0
"2010-02-28	12:00:00"	21.44	163.8	11.61	30.82	17.18	160.2	12.96	26.05	54.42	55.67	-1.251	36.5	37.1	26.11	563.85	0
"2010-02-28	13:00:00"	15.71	186.6	21.44	26.05	12.7	185.3	24.63	22.47	57.38	59.22	-1.847	33.09	33.03	26.102	806.63	0
"2010-02-28	14:00:00"	10.7	193.7	29.78	18.89	9.08	192.1	33.71	16.51	58.61	59.89	-1.283	31.68	31.99	26.087	483.14	0
"2010-02-28	15:00:00"	12.16	192.8	25.96	20.68	9.88	191.8	28.64	17.7	59.16	60.28	-1.112	31.5	31.97	26.078	354.63	0
"2010-02-28	16:00:00"	22.71	262	31.65	46.33	16.01	263.3	32.7	36.78	55.46	55.84	-0.38	42.41	44.06	26.111	110.08	0
"2010-02-28	17:00:00"	24.3	279.9	10.97	44.54	16.91	281.5	12.81	34.4	51.1	51.47	-0.368	50.07	52.19	26.118	105.61	0
"2010-02-28	18:00:00"	16.82	264.3	16.23	37.38	12.92	266.2	17.65	30.22	49.39	49.24	0.152	54.12	58.79	26.14	13.332	0
"2010-02-28	19:00:00"	10.14	183.7	60.51	28.43	7.597	179.3	63.84	27.24	48.7	48.28	0.416	49.94	56.22	26.13	2.4481	0
"2010-02-28	20:00:00"	8.39	201.6	14.05	15.31	6.003	202.8	17.11	12.93	47.41	47.02	0.394	54.66	60.09	26.141	0	0
"2010-02-28	21:00:00"	6.7	173.2	16	11.14	4.286	169.9	23.26	8.75	45.25	44.57	0.676	60.95	67.05	26.157	0	0
"2010-02-28	22:00:00"	6.593	192.1	17.78	12.93	4.389	190.7	25.12	9.95	44.27	43.49	0.783	61.7	67.6	26.16	0	0
"2010-02-28	23:00:00"	4.131	171.3	34.85	6.368	2.423	148.9	65.82	5.175	42.31	40.61	1.7	64.16	71.97	26.153	0	0
"2010-03-01	00:00:00"	4.833	205.9	34.95	8.75	3.468	198.5	54.89	6.964	41.66	40.83	0.83	66.02	73.4	26.163	0	0
"2010-03-01	01:00:00"	16.73	291.8	27.43	30.22	10.79	291.9	27.76	22.47	43.61	43.55	0.056	71.05	75.05	26.154	0	0
"2010-03-01	02:00:00"	18.09	315.1	8.63	29.03	11.82	314.7	10.76	22.47	42.43	42.4	0.034	74.55	78.95	26.156	0	0
"2010-03-01	03:00:00"	11.71	297.1	9.63	21.87	6.936	297	11.65	13.52	40.38	40.39	-0.002	84.8	89.7	26.151	0	0.05
"2010-03-01	04:00:00"	10.43	323.5	17.49	14.72	7.185	322.3	17.15	12.33	40.45	40.42	0.035	87	91.8	26.147	0	0.01
"2010-03-01	05:00:00"	10.24	21.13	11.83	14.12	8.12	18.74	16.68	12.93	40.27	40.28	-0.016	87.8	92.3	26.166	0	0
"2010-03-01	06:00:00"	8.67	16.73	12.86	12.33	6.816	13.89	17.2	11.14	40.51	40.54	-0.021	88.8	93.2	26.208	0	0.03
"2010-03-01	07:00:00"	11.12	2.63	10.98	20.09	8.68	358.4	14.5	17.1	40.22	40.15	0.065	86.4	91.3	26.252	0	0.02
"2010-03-01	08:00:00"	19.42	21.32	13.46	32.61	14.95	18.87	18.77	24.86	38.75	38.73	0.017	85.3	90.3	26.304	2.649	0
"2010-03-01	09:00:00"	18.07	24.73	8.33	28.43	13.95	23.16	13.63	24.86	37.48	37.61	-0.13	85.1	90.2	26.36	51.738	0
"2010-03-01	10:00:00"	18.39	27.34	8.05	26.65	14.21	25.92	13.43	22.47	38.17	38.47	-0.3	82.5	87.9	26.41	132.1	0
"2010-03-01	11:00:00"	20.75	29.66	8.49	29.03	16.13	28.61	13.06	26.65	38.67	39.35	-0.678	78.49	83.4	26.441	285.24	0
"2010-03-01	12:00:00"	18.79	29.53	10.62	28.43	14.72	28.71	15.14	25.45	41.04	42.39	-1.351	70.6	74.76	26.468	577.8	0
"2010-03-01	13:00:00"	19.16	24.22	10.88	27.84	15.11	22.05	16.39	24.26	42.24	43.29	-1.051	65	68.94	26.49	318.14	0
"2010-03-01	14:00:00"	17.34	20.51	8.97	25.45	13.54	18.27	15	21.28	40.43	41	-0.567	67.61	71.88	26.504	141.78	0
"2010-03-01	15:00:00"	16.08	9.55	11.05	24.86	12.67	4.638	15.4	21.87	40.57	41.07	-0.503	65.12	69.57	26.508	134.11	0
"2010-03-01	16:00:00"	16.1	17.88	10.02	23.66	12.75	15	15.41	21.28	41.27	41.86	-0.581	61.58	65.8	26.518	158.26	0
"2010-03-01	17:00:00"	14.34	20.59	9.49	21.28	11.38	18.68	15.34	19.49	41.81	42.37	-0.561	58.83	63.01	26.523	150.23	0
"2010-03-01	18:00:00"	12.58	14.19	9.84	20.09	9.92	10.93	14.67	17.7	42.53	42.77	-0.24	55.89	60.48	26.53	59.963	0
"2010-03-01	19:00:00"	8.78	26.96	10.39	12.93	6.823	26.2	14.76	11.74	42.39	42.32	0.062	59.65	64.64	26.54	13.777	0
"2010-03-01	20:00:00"	5.009	52.63	9.54	8.16	2.627	53.32	12.04	5.771	40.19	38.75	1.443	67.62	75.27	26.558	0.02675	0
"2010-03-01	21:00:00"	3.505	20.37	13.63	5.175	1.927	354.2	15.73	4.578	39.56	36.99	2.571	68.33	79.18	26.576	0	0
"2010-03-01	22:00:00"	5.159	31.91	8.39	6.964	3.35	18.26	18.32	4.578	39.25	33.57	5.673	68.16	84.5	26.584	0	0
"2010-03-01	23:00:00"	6.715	39.78	3.152	8.16	3.372	27.43	9.21	4.578	37.47	31.96	5.52	71.88	86.9	26.584	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-02	00:00:00"	4.356	44.24	8.27	5.771	3.837	10.68	9.24	4.578	38.32	31.8	6.516	69.22	86.1	26.581	0
"2010-03-02	01:00:00"	4.653	22.02	6.549	5.771	3.606	2.195	12.11	4.578	38.41	31.48	6.926	68.03	85.4	26.576	0
"2010-03-02	02:00:00"	3.65	308.3	30.94	5.175	2.788	296.3	28.68	3.982	36.31	32.57	3.737	72.13	84.3	26.574	0
"2010-03-02	03:00:00"	6.285	306	10.93	8.75	3.556	302.3	18.08	5.175	33.39	29.92	3.47	77.56	87.5	26.576	0
"2010-03-02	04:00:00"	6.785	303.5	2.482	8.16	2.761	299.6	10.81	4.578	31.74	28.74	2.997	81.1	89.4	26.567	0
"2010-03-02	05:00:00"	6.337	316.2	7.001	7.561	3.631	338.3	17.8	4.578	33.51	28.79	4.72	78.05	88.3	26.559	0
"2010-03-02	06:00:00"	5.305	310	4.645	7.561	3.571	341.7	8.11	4.578	35.41	30.16	5.257	73.91	86.4	26.556	0
"2010-03-02	07:00:00"	4.975	302.9	12.3	6.964	2.889	334.5	36.33	4.578	34.83	29.35	5.48	74.43	86.7	26.559	0
"2010-03-02	08:00:00"	5.545	274.4	10.97	7.561	2.512	271.4	24.41	4.578	32.83	30.64	2.195	78.11	86.9	26.563	31.327
"2010-03-02	09:00:00"	5.239	251.3	9	6.964	4.159	251.7	11.55	6.368	34.75	34.59	0.157	77.56	84.6	26.583	206.35
"2010-03-02	10:00:00"	5.747	247.6	12.84	9.35	5.211	248	15.86	9.95	39.59	40.08	-0.492	74.56	79.09	26.592	417.45
"2010-03-02	11:00:00"	9.97	248.9	13.13	18.3	8.74	250.6	14.68	19.49	44.32	45.41	-1.097	63.91	67.31	26.585	577.26
"2010-03-02	12:00:00"	11.85	247.2	13.3	20.68	10.42	248.2	15.61	18.3	47.12	48.44	-1.315	54.31	56.63	26.573	675.34
"2010-03-02	13:00:00"	10.78	248.8	17.96	18.89	9.42	250.5	20.18	15.91	49.53	51.09	-1.56	49.6	50.97	26.553	766.72
"2010-03-02	14:00:00"	9.82	261.8	23.07	17.1	8.3	263.8	24.24	15.31	52.11	53.74	-1.625	41.88	42.78	26.523	793.25
"2010-03-02	15:00:00"	8.59	253.9	24.61	15.91	7.417	255	29.12	14.72	54.41	55.89	-1.488	37.68	38.29	26.492	703.25
"2010-03-02	16:00:00"	9.52	242.6	20.84	17.7	8.36	243.8	23.02	16.51	56.05	57.4	-1.351	35.52	36.12	26.473	556.94
"2010-03-02	17:00:00"	9.46	243.9	18.92	16.51	8.11	245.5	21.18	15.91	56.63	57.6	-0.97	33.72	34.69	26.459	325.91
"2010-03-02	18:00:00"	7.284	255.3	13.44	14.12	6.166	256.8	16.37	14.12	56.52	56.92	-0.396	32.64	34.32	26.447	151.8
"2010-03-02	19:00:00"	5.167	245.7	8.89	8.75	3.902	247.3	10.84	8.16	55.91	55.02	0.89	33.45	37.17	26.444	29.814
"2010-03-02	20:00:00"	4.159	183.8	9.29	6.368	1.849	157.6	12.75	4.578	52.97	50.89	2.082	38.38	44.87	26.445	0.05846
"2010-03-02	21:00:00"	5.587	186.6	8.42	9.95	2.624	180.3	11.12	6.368	49.2	47.54	1.667	44.07	51.21	26.447	0
"2010-03-02	22:00:00"	7.136	180.9	7.622	11.14	4.102	174.4	11.36	6.964	47.24	45.21	2.023	47.08	55.86	26.451	0
"2010-03-02	23:00:00"	5.66	189.1	13.87	8.75	3.127	187.8	28.09	5.175	44.77	43.04	1.731	52.16	60.24	26.454	0
"2010-03-03	00:00:00"	3.685	190.9	28.19	8.16	1.659	184.9	56.01	4.578	44.18	42.4	1.782	52.45	60.64	26.454	0
"2010-03-03	01:00:00"	6.923	217.5	6.431	9.95	4.312	226	7.176	6.368	43.43	41.08	2.35	53.49	64.06	26.44	0
"2010-03-03	02:00:00"	7.104	211.4	5.218	9.35	4.239	217.4	7.515	5.771	41.43	39.24	2.185	58.35	68.28	26.428	0
"2010-03-03	03:00:00"	7.583	216.5	7.868	9.95	4.903	229.2	7.605	7.561	41.61	39.3	2.308	57.78	67.77	26.42	0
"2010-03-03	04:00:00"	7.749	233.4	5.046	9.35	5.131	239.3	6.097	6.964	41.14	38.78	2.364	58.74	69.5	26.413	0
"2010-03-03	05:00:00"	7.643	232.1	4.647	9.35	5.054	238.9	6.306	6.368	40.77	37.98	2.788	59.53	71.23	26.41	0
"2010-03-03	06:00:00"	7.796	214.6	4.633	9.35	4.913	223.3	6.326	6.368	40.48	37.65	2.832	59.73	71.18	26.403	0
"2010-03-03	07:00:00"	8.87	211.4	3.761	9.95	5.502	216.9	7.006	6.964	40.01	37.33	2.679	60.36	71.67	26.403	0
"2010-03-03	08:00:00"	7.635	220.7	9.51	9.35	4.841	225.9	10.11	6.368	39.01	36.6	2.407	62.82	73.7	26.402	32.664
"2010-03-03	09:00:00"	7.785	201.2	7.49	10.54	6.233	201.9	11.11	9.35	40.81	41.18	-0.367	63.55	68.12	26.419	221.01
"2010-03-03	10:00:00"	7.662	218.2	10.08	10.54	6.647	219.4	14.01	9.35	45.67	46.46	-0.794	56.55	59.42	26.437	430.59
"2010-03-03	11:00:00"	8.4	216.7	10.88	11.74	7.136	217.1	14.84	11.74	51.91	53.05	-1.143	44.12	45.8	26.44	619.45
"2010-03-03	12:00:00"	10.9	218.3	11.81	17.7	9.22	220.7	15.24	15.31	57.81	59.34	-1.53	31.65	32.25	26.432	758.92
"2010-03-03	13:00:00"	11.78	216.2	15.96	18.89	9.94	217.7	19.86	16.51	60.51	62.36	-1.847	26.22	26.39	26.415	835.1
"2010-03-03	14:00:00"	10.77	221.2	21.33	18.89	9.25	221.3	24.75	15.91	62.06	63.88	-1.817	24.48	24.49	26.393	842.14
"2010-03-03	15:00:00"	9.36	221.3	32.21	23.66	7.994	219.3	35.24	18.89	63.22	64.8	-1.572	23.39	23.41	26.372	759.2
"2010-03-03	16:00:00"	8.42	202.5	40.97	19.49	7.146	202.7	44.86	17.7	64.68	66	-1.319	22.69	22.77	26.358	648.94
"2010-03-03	17:00:00"	8.84	193.2	23.02	17.1	7.404	191.4	27.3	14.12	65.72	66.82	-1.101	21.27	21.42	26.344	470.19
"2010-03-03	18:00:00"	7.863	169.8	38.46	14.72	6.445	165.6	41.48	12.93	65.92	66.44	-0.512	20.98	21.53	26.339	255.78
"2010-03-03	19:00:00"	8.76	164.6	9.1	12.93	5.91	159.6	11.51	9.95	64.14	63.09	1.055	22.19	24.67	26.35	55.201
"2010-03-03	20:00:00"	10.47	147.7	4.717	13.52	6.096	140.6	6.85	9.95	59.28	56.73	2.542	25.95	30.7	26.355	0.16122

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-03	21:00:00"	10.33	145.4	5.111	12.93	5.98	139.2	7.588	8.16	57.43	54.98	2.455	27.54	32.54	26.365		0	0
"2010-03-03	22:00:00"	11.13	150.7	7.004	18.89	7.051	145.5	8.93	15.31	55.74	53.88	1.859	30.53	34.91	26.379		0	0
"2010-03-03	23:00:00"	10.45	156	7.953	14.72	7.125	152.4	8.96	9.95	50.97	49.96	1.015	40.44	45.06	26.386		0	0
"2010-03-04	00:00:00"	11.17	169.8	7.715	14.72	7.691	166.4	9.78	11.74	49.77	48.7	1.071	43.15	48.41	26.382		0	0
"2010-03-04	01:00:00"	12.78	184.5	9.31	18.89	9.26	183.9	12.7	14.12	50.47	49.61	0.858	40.34	44.91	26.376		0	0
"2010-03-04	02:00:00"	8.6	197.4	7.526	12.93	5.267	204	11.5	8.16	47.58	45.82	1.757	44.47	51.48	26.373		0	0
"2010-03-04	03:00:00"	7.709	208.1	5.325	9.95	4.622	218.6	9.57	7.561	46.56	44.29	2.276	46.03	54.44	26.366		0	0
"2010-03-04	04:00:00"	8.02	198.9	6.092	11.14	4.816	205.7	9.9	6.964	46	43.58	2.429	46.1	55.15	26.363		0	0
"2010-03-04	05:00:00"	8.43	189.1	5.43	11.74	4.75	195.6	8.01	7.561	44.68	42.02	2.662	48.37	57.83	26.366		0	0
"2010-03-04	06:00:00"	6.489	146.3	30.04	9.35	3.534	132.4	41.64	5.771	42.7	39.75	2.952	53.01	63.33	26.368		0	0
"2010-03-04	07:00:00"	7.033	167	9.29	9.35	3.72	162.6	12.83	5.771	42.8	40.27	2.529	53.56	62.97	26.37	0.00719		0
"2010-03-04	08:00:00"	7.789	200.8	13.2	9.95	4.855	206.6	16.49	6.964	41.78	40.12	1.661	57.21	65.44	26.383	35.287		0
"2010-03-04	09:00:00"	9.41	194.9	16.74	14.72	7.486	194.8	20.85	12.93	44.76	45.09	-0.328	56.87	60.48	26.401	219.03		0
"2010-03-04	10:00:00"	11.27	181	10.93	15.91	9.25	177.6	13.91	13.52	52.15	52.95	-0.801	43.37	45.31	26.412	429.62		0
"2010-03-04	11:00:00"	10.66	185	13.2	15.91	8.94	182.8	16.06	14.12	56.83	58.05	-1.217	36.72	37.39	26.412	616.59		0
"2010-03-04	12:00:00"	11.53	186.8	13.69	20.09	9.58	184.3	17.12	15.91	61.58	63.12	-1.534	32.27	32.25	26.399	754.65		0
"2010-03-04	13:00:00"	13.63	185.3	13.44	21.87	11.16	183.2	16.86	18.89	65.19	67.05	-1.86	28.57	28.02	26.379	829.21		0
"2010-03-04	14:00:00"	13.58	187.9	14.59	25.45	11.12	185.4	17.68	20.68	67.99	69.98	-1.99	24.7	23.92	26.347	836.13		0
"2010-03-04	15:00:00"	15.07	187.5	12.87	24.26	12.16	185.3	15.89	19.49	70.43	72.24	-1.81	20.93	20.2	26.317	757.47		0
"2010-03-04	16:00:00"	16.37	183.8	12.04	25.45	13.25	181.5	15.35	23.07	71.33	72.87	-1.541	19.93	19.28	26.297	645.95		0
"2010-03-04	17:00:00"	16	183.5	13.65	29.03	12.72	181	16.45	23.66	71.59	72.76	-1.168	20.34	19.89	26.279	466.08		0
"2010-03-04	18:00:00"	17.48	172.9	11.84	26.05	13.86	170.1	14.13	21.87	70.87	71.38	-0.514	22.77	22.75	26.272	251.7		0
"2010-03-04	19:00:00"	16.26	157.1	7.754	26.65	12.59	153.5	9.16	22.47	67.19	66.87	0.319	27.47	28.48	26.28	47.881		0
"2010-03-04	20:00:00"	11.56	150.6	9.03	18.3	8.25	146.5	10.83	14.12	61.28	60.38	0.907	35.9	38.37	26.301	0.09579		0
"2010-03-04	21:00:00"	11.26	157	7.199	19.49	7.958	153.2	8.5	15.91	57.29	56.43	0.857	46.87	50.4	26.315	0		0
"2010-03-04	22:00:00"	14.48	161.6	6.977	23.66	11.06	157.5	8.32	20.09	55.47	54.95	0.519	56.11	59.39	26.323	0		0
"2010-03-04	23:00:00"	17.21	164.2	7.663	27.24	13.43	161	9.66	20.68	54.69	54.34	0.354	61.52	64.61	26.33	0		0
"2010-03-05	00:00:00"	14.89	169.6	7.153	21.28	11.48	166.4	9.32	16.51	53.03	52.64	0.389	67.56	70.94	26.323	0		0
"2010-03-05	01:00:00"	12.51	176.1	8.05	18.89	9.48	173.7	10.22	15.31	51.75	51.32	0.424	71.96	75.58	26.317	0		0
"2010-03-05	02:00:00"	12.28	179.2	7.233	19.49	9.28	176.7	9.92	15.91	50.63	50.17	0.462	75.89	79.67	26.309	0		0
"2010-03-05	03:00:00"	9.61	184.2	7.921	14.12	7.076	183.9	10.91	11.74	49.14	48.63	0.515	79.74	83.7	26.301	0		0
"2010-03-05	04:00:00"	10.76	185.5	8.17	15.91	7.911	185.1	11.19	12.93	48.41	47.93	0.475	82	85.9	26.29	0		0
"2010-03-05	05:00:00"	10.08	188.3	8.47	14.12	7.323	187.1	10.92	11.14	47.16	46.63	0.533	84.7	88.8	26.284	0		0
"2010-03-05	06:00:00"	9.25	193.6	7.239	14.12	6.435	193.2	10.35	9.95	45.88	45.25	0.635	87.2	91.2	26.296	0		0
"2010-03-05	07:00:00"	6.813	182.1	8.27	11.14	4.267	180.2	11.24	7.561	44.95	44.06	0.886	88.9	93	26.31	0		0
"2010-03-05	08:00:00"	5.937	192.7	9.45	11.74	3.789	195.1	15.22	9.35	44.95	44.37	0.576	90.3	94.2	26.33	10.182		0
"2010-03-05	09:00:00"	11.43	189.7	8.74	17.1	8.79	189.2	11.73	14.12	46.03	46.29	-0.26	90.9	94.1	26.351	86.098		0
"2010-03-05	10:00:00"	12.63	191.4	11.46	17.7	10.04	190.4	14.46	15.91	48.59	49.39	-0.801	84.5	86.2	26.377	346.84		0
"2010-03-05	11:00:00"	11.42	193.2	11.96	17.1	9.39	191.5	16.17	14.12	53.61	55.09	-1.478	70.31	70.12	26.383	622.65		0
"2010-03-05	12:00:00"	11.38	207.8	16.98	18.3	9.46	207.4	20.57	15.31	59.61	61.27	-1.663	50.85	50.15	26.378	768.55		0
"2010-03-05	13:00:00"	14.04	220.2	14.32	23.07	11.73	220.6	17.69	20.09	64.97	66.94	-1.962	33.56	32.71	26.359	845.37		0
"2010-03-05	14:00:00"	14.33	231.5	18.9	26.65	12.21	232.5	21.6	22.47	68.43	70.39	-1.954	22.68	21.97	26.336	846.06		0
"2010-03-05	15:00:00"	14.26	243.9	15.23	26.05	12.28	245.4	18.51	23.66	70.46	72.3	-1.843	15.42	14.96	26.316	769.67		0
"2010-03-05	16:00:00"	13.81	240.4	17.7	24.26	11.85	241.7	20.18	21.28	71.25	72.82	-1.577	13.17	12.84	26.304	658.49		0
"2010-03-05	17:00:00"	12.18	226	19.01	21.87	10.1	225.9	21.39	21.28	71.5	72.66	-1.164	12.32	12.16	26.307	476.6		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2010-03-05	18:00:00"	12.88	247.3	12.17	20.68	10.87	249.3	14.78	17.7	71.4	71.96	-0.561	10.75	10.91	26.31	262.23	0
"2010-03-05	19:00:00"	9.43	228.9	21.15	16.51	7.101	227	27.3	15.31	69.24	68.21	1.03	11.69	13.03	26.317	58.031	0
"2010-03-05	20:00:00"	5.622	199.7	12.43	11.74	3.071	203.5	23.32	8.75	63.8	61.52	2.282	15.5	18.49	26.342	0.12845	0
"2010-03-05	21:00:00"	7.835	222	35.85	11.74	4.762	224.5	42.02	8.75	60.19	57.33	2.861	19.9	24.38	26.37	0	0
"2010-03-05	22:00:00"	13.06	174.6	9.45	20.68	9.77	172.5	12.43	17.7	53.63	53.05	0.582	62.21	65.01	26.407	0	0
"2010-03-05	23:00:00"	12.39	185.8	9.55	18.89	9.38	185.4	12.71	15.31	51.03	50.66	0.369	77.55	80.9	26.422	0	0
"2010-03-06	00:00:00"	9.28	199.5	7.589	14.72	6.41	200.7	10.88	11.14	47.77	47.17	0.602	84.9	88.7	26.425	0	0
"2010-03-06	01:00:00"	8.58	208.5	17.23	15.91	6.154	211.4	22.7	12.93	46.35	46	0.352	88.7	92.3	26.428	0	0
"2010-03-06	02:00:00"	10.8	184.4	12.37	16.51	8.37	182.6	15.31	14.72	46.98	47.1	-0.119	89.7	92.6	26.441	0	0
"2010-03-06	03:00:00"	8.84	187.8	12.06	12.93	6.767	186.6	14.97	10.54	46.96	47.13	-0.168	89	91.8	26.456	0	0
"2010-03-06	04:00:00"	7.755	184.4	15.4	12.93	6.022	182.4	18.32	11.14	47.32	47.47	-0.15	87.4	90.2	26.457	0	0
"2010-03-06	05:00:00"	7.437	168.3	15.33	11.74	5.901	164.8	16.58	9.95	47.41	47.58	-0.169	87.1	89.9	26.462	0	0
"2010-03-06	06:00:00"	5.903	147.6	20.73	11.14	4.626	147.3	23.25	8.75	47.57	47.72	-0.153	85.3	88.2	26.467	0	0
"2010-03-06	07:00:00"	4.332	98	36.19	7.561	3.543	93	38.53	6.368	47.3	47.43	-0.133	84.5	87.5	26.482	0	0
"2010-03-06	08:00:00"	4.604	176.1	32.47	10.54	3.802	174	36.99	9.35	46.81	46.98	-0.175	84.9	87.8	26.491	8.5419	0
"2010-03-06	09:00:00"	6.579	150.7	18.04	13.52	5.396	147.3	19.29	11.74	47.73	48.03	-0.307	83.2	85.8	26.506	54.742	0
"2010-03-06	10:00:00"	6.71	149.1	25.06	12.33	5.577	148.2	27.27	12.93	49.18	49.79	-0.605	79.67	81.6	26.518	177.95	0
"2010-03-06	11:00:00"	7.062	157.9	31.98	12.93	5.889	156.5	34.71	11.14	51.49	52.49	-1.003	73.86	74.6	26.525	503.31	0
"2010-03-06	12:00:00"	9.3	173.1	18.58	15.31	7.809	172	21.33	13.52	54.76	56.13	-1.374	65.67	65.38	26.515	688.04	0
"2010-03-06	13:00:00"	10.66	165	17.97	17.7	9.01	162.8	19.82	17.1	56.96	58.66	-1.701	61.45	60.29	26.506	753.88	0
"2010-03-06	14:00:00"	10.68	158.6	18.87	18.3	9	155.8	19.82	15.91	58.85	60.38	-1.534	57.57	56.59	26.486	634.4	0
"2010-03-06	15:00:00"	12.24	146.3	14.28	19.49	10.17	143.9	15.46	17.1	59.83	61.48	-1.656	56.71	55.44	26.454	564.01	0
"2010-03-06	16:00:00"	13.21	145.4	11.96	21.87	10.71	143.5	12.71	17.7	61.51	62.74	-1.224	55.3	54.62	26.43	344.45	0
"2010-03-06	17:00:00"	15.46	150.2	10.88	23.66	12.2	147.3	11.75	19.49	61.56	62.31	-0.746	55.71	55.89	26.412	188.69	0
"2010-03-06	18:00:00"	16	151.5	8.68	22.47	12.5	148.8	9.66	18.89	60.5	60.83	-0.326	59.02	60.04	26.407	93.812	0
"2010-03-06	19:00:00"	14.03	148.3	8.62	23.07	10.91	145.4	9.94	17.7	59.04	59.07	-0.033	63.45	65.19	26.409	13.255	0
"2010-03-06	20:00:00"	13.65	137.3	10.86	21.28	10.39	135.1	11.61	17.1	57.55	57.56	-0.016	69.45	71.4	26.417	0.01341	0
"2010-03-06	21:00:00"	13.82	143.8	9.68	20.68	10.7	141.3	10.12	17.7	56.62	56.69	-0.074	74.17	76.13	26.433	0	0
"2010-03-06	22:00:00"	13.06	161.2	8.78	20.09	10.32	157.8	10.37	17.1	56.05	56.14	-0.087	77.95	80	26.445	0	0
"2010-03-06	23:00:00"	12.39	163.8	7.915	18.89	9.72	160.6	9.51	15.91	55.18	55.26	-0.076	82.6	85.1	26.448	0	0
"2010-03-07	00:00:00"	12.17	159.3	8.58	20.09	9.63	155.8	9.97	16.51	53.98	54.06	-0.075	88.7	91.2	26.437	0	0
"2010-03-07	01:00:00"	9.19	161	15.58	16.51	7.166	158.3	17.38	13.52	54.07	54.13	-0.056	88.9	91.4	26.438	0	0
"2010-03-07	02:00:00"	9.55	166	7.792	14.12	7.422	162.8	9.72	11.14	54.11	54.15	-0.044	89.8	92.5	26.433	0	0.01
"2010-03-07	03:00:00"	8.95	138.5	11.39	12.93	6.859	136.7	12.38	10.54	54.02	54.07	-0.048	90.9	93.5	26.412	0	0
"2010-03-07	04:00:00"	11.04	150.6	8.46	16.51	8.62	148.5	9.61	13.52	54.04	54.1	-0.056	91.8	94.3	26.398	0	0
"2010-03-07	05:00:00"	11.02	161.5	7.928	15.31	8.61	159.4	9.79	13.52	54.12	54.17	-0.051	92.2	94.6	26.39	0	0
"2010-03-07	06:00:00"	11.12	161	7.502	16.51	8.57	159.1	9.15	13.52	54.15	54.18	-0.037	91.9	94.4	26.386	0	0.01
"2010-03-07	07:00:00"	9.95	165.4	7.461	14.12	7.666	162.9	9.46	11.74	54.14	54.2	-0.06	92.3	94.7	26.389	0	0
"2010-03-07	08:00:00"	7.96	170.9	7.42	11.74	5.977	169	9.32	9.95	54.1	54.14	-0.041	92.1	94.6	26.394	4.4109	0
"2010-03-07	09:00:00"	8.3	161.6	8.6	12.33	6.464	158.9	10.16	9.95	54.24	54.34	-0.098	91.9	94.4	26.402	22.82	0
"2010-03-07	10:00:00"	10.21	162.6	8.88	14.12	8.13	159.9	10.56	11.74	54.8	54.94	-0.137	90.5	93.1	26.412	67.442	0
"2010-03-07	11:00:00"	10.2	161	9.74	15.91	8.15	157	11.3	12.93	55.55	55.7	-0.15	87.1	90	26.417	84.815	0
"2010-03-07	12:00:00"	9.23	158	11.37	14.12	7.564	154.5	12.4	11.14	56.57	56.97	-0.393	83.8	86.4	26.41	181.06	0
"2010-03-07	13:00:00"	9.82	150.5	13.5	14.12	7.983	147.7	14.44	12.93	58.88	59.72	-0.839	75.87	77.67	26.389	429.47	0
"2010-03-07	14:00:00"	9.36	145	18.41	17.1	7.73	142	20.12	14.72	62.39	63.52	-1.13	66.05	66.15	26.357	568.85	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-07	15:00:00"	9.55	163.4	20.28	18.89	7.975	160.3	20.81	15.91	65.99	67.25	-1.26	56.1	55.49	26.329	586.49	0	
"2010-03-07	16:00:00"	10.61	151.1	20.83	20.09	8.73	148.3	21.54	17.7	67.57	68.93	-1.363	51.89	50.86	26.303	590.39	0	
"2010-03-07	17:00:00"	10.91	134.4	20.11	19.49	8.88	132.9	21.88	15.91	68.42	69.68	-1.259	49.13	48.15	26.281	441.55	0	
"2010-03-07	18:00:00"	18.55	122.9	9.25	26.05	14.11	121.8	11.8	22.47	66.63	67.48	-0.857	55.87	55.41	26.278	209.47	0	
"2010-03-07	19:00:00"	19.97	119.2	7.43	27.24	15.08	117.8	10.54	22.47	61.89	61.96	-0.069	66.84	68.21	26.286	52.88	0	
"2010-03-07	20:00:00"	19.93	123.5	7.329	29.63	14.85	122.4	10.15	24.26	57.89	57.81	0.07	76.39	78.6	26.298	0.17684	0	
"2010-03-07	21:00:00"	20.55	124.2	7.954	29.03	15.46	123	10.8	25.45	57.05	57.12	-0.073	79.32	81.3	26.301	0	0	
"2010-03-07	22:00:00"	20.57	133.1	8.63	30.22	15.47	131.6	10.21	26.65	56.26	56.35	-0.09	79.7	81.7	26.295	0	0	
"2010-03-07	23:00:00"	21.88	144	7.566	32.01	16.89	141.2	8.87	25.45	56.09	56.17	-0.082	80.5	82.6	26.283	0	0	
"2010-03-08	00:00:00"	22.65	148.1	7.723	33.21	17.61	145.2	9.02	27.84	56.03	56.1	-0.072	81.5	83.6	26.268	0	0	
"2010-03-08	01:00:00"	19.77	150.4	8.28	29.03	15.33	146.9	9.11	24.26	56.09	56.16	-0.071	81.9	84	26.254	0	0	
"2010-03-08	02:00:00"	22.23	155.3	8.06	30.82	17.36	151.5	9.5	25.45	56.46	56.5	-0.047	81.9	84	26.224	0	0	
"2010-03-08	03:00:00"	22.15	165.6	7.817	35.59	17.41	161.6	9.51	29.63	56.93	56.97	-0.039	82.9	84.9	26.206	0	0	
"2010-03-08	04:00:00"	21.65	174.4	8.97	32.01	16.97	170.7	11.42	29.63	57.17	57.19	-0.023	82.6	84.6	26.185	0	0	
"2010-03-08	05:00:00"	19.72	187	9.1	30.22	15.19	184.7	11.91	26.05	56.81	56.83	-0.025	82.8	84.9	26.176	0	0	
"2010-03-08	06:00:00"	17.35	208.3	11.65	26.65	13.2	208.8	14.9	22.47	55.83	55.88	-0.05	85.4	87.5	26.198	0	0	
"2010-03-08	07:00:00"	11.43	222.9	13.1	20.09	8.7	224.1	15.18	16.51	53.99	53.7	0.288	87.4	90.1	26.222	0.0276	0	
"2010-03-08	08:00:00"	18.77	269.3	11.36	32.61	14.17	271.2	12.88	27.24	52.9	52.58	0.329	60.81	64.81	26.246	59.809	0	
"2010-03-08	09:00:00"	19.18	276.6	9.03	33.21	14.32	277.6	11.43	25.45	53.05	53.56	-0.511	50.89	53.27	26.265	230.01	0	
"2010-03-08	10:00:00"	21.85	270.3	11.35	42.15	16.89	271.6	12.94	33.21	53.98	54.69	-0.706	43.33	45	26.26	342.15	0	
"2010-03-08	11:00:00"	31.02	264.7	10.34	46.33	24.18	266.5	12.11	40.96	56.59	57.71	-1.122	28.9	29.8	26.248	624.03	0	
"2010-03-08	12:00:00"	29.04	259.4	10.31	43.35	23.18	261.4	11.71	35.59	58.51	60.1	-1.591	26.44	26.77	26.236	778.8	0	
"2010-03-08	13:00:00"	26.94	261.8	11.8	39.77	21.4	263.5	13.08	37.38	59.16	60.78	-1.615	26.86	27.03	26.223	631.92	0	
"2010-03-08	14:00:00"	28.57	262.6	12.77	46.33	22.6	264.8	14.33	41.56	58.88	60.4	-1.519	30.2	30.36	26.202	690.67	0	
"2010-03-08	15:00:00"	32.47	262.4	9.58	47.52	25.75	264.4	11.6	40.96	59.49	60.98	-1.487	28.81	28.88	26.173	705.03	0	
"2010-03-08	16:00:00"	34.19	259.6	9.41	50.5	27.19	262.1	11.47	45.73	59.02	60.28	-1.259	28.69	28.96	26.16	644.49	0	
"2010-03-08	17:00:00"	31.96	263.5	10.05	48.12	25.21	265.6	11.82	40.96	59.54	60.48	-0.942	25.87	26.41	26.16	467.45	0	
"2010-03-08	18:00:00"	30.82	265	9.27	50.5	24.1	266.9	11.07	43.35	58.99	59.43	-0.44	24.2	25.21	26.164	252.15	0	
"2010-03-08	19:00:00"	27.07	268.4	9.02	43.94	21.1	270.1	10.62	40.96	56.99	56.91	0.081	27.66	29.31	26.176	54.842	0	
"2010-03-08	20:00:00"	23.37	265.6	8.69	34.4	18.12	267.9	10.8	32.61	54.98	54.65	0.329	31.15	33.29	26.185	0.27059	0	
"2010-03-08	21:00:00"	21.75	261.2	7.995	30.82	16.85	263.8	10.37	28.43	53.73	53.35	0.385	32.89	35.26	26.194	0	0	
"2010-03-08	22:00:00"	22.22	257.5	7.293	33.21	17.47	259.5	9.85	31.42	52.56	52.17	0.389	34.54	37.03	26.191	0	0	
"2010-03-08	23:00:00"	21.22	256.4	7.351	32.01	16.72	258.7	9.66	26.65	51.58	51.18	0.397	36.36	39.03	26.199	0	0	
"2010-03-09	00:00:00"	21.61	258.5	7.735	33.21	16.9	260.8	9.92	26.65	50.75	50.36	0.398	37.42	40.31	26.193	0	0	
"2010-03-09	01:00:00"	17.4	259.3	8.57	26.05	13.62	261.2	10.63	23.07	49.4	48.97	0.432	39.89	43.47	26.193	0	0	
"2010-03-09	02:00:00"	17.01	258.1	8.07	26.05	13.26	260	10.42	21.28	48.52	48.05	0.462	43.08	46.99	26.197	0	0	
"2010-03-09	03:00:00"	16.58	267.7	8.44	24.86	12.72	269.9	10.5	20.68	47.4	46.94	0.465	45.35	49.44	26.192	0	0	
"2010-03-09	04:00:00"	15.65	273.3	8.07	23.07	11.72	275.1	10.18	20.09	46.73	46.23	0.501	46.45	50.71	26.181	0	0	
"2010-03-09	05:00:00"	14.36	277.4	7.731	20.09	10.35	278.8	10.09	18.3	45.4	44.82	0.582	49.07	53.72	26.181	0	0	
"2010-03-09	06:00:00"	14.32	284.3	7.186	21.28	9.45	285.9	9.39	17.7	44.31	43.71	0.597	51.9	56.75	26.18	0	0	
"2010-03-09	07:00:00"	13.92	283.4	7.692	20.68	9.32	284.6	10.02	18.3	43.81	43.19	0.617	52.84	57.83	26.193	0.09359	0	
"2010-03-09	08:00:00"	12.65	279.2	8.62	18.89	9.09	279.7	10.6	15.31	43.07	42.75	0.326	54.88	59.46	26.21	50.122	0	
"2010-03-09	09:00:00"	13.42	278.5	10.78	21.87	9.85	279.2	12.5	18.3	46.66	47.21	-0.551	48.35	51.08	26.231	246.58	0	
"2010-03-09	10:00:00"	17.3	285.5	9.82	23.66	11.74	286.8	11.56	19.49	51.48	52.71	-1.225	38.75	39.95	26.238	462.05	0	
"2010-03-09	11:00:00"	17.1	285.6	12.25	27.24	12.13	286.4	14.15	23.07	55.37	57.14	-1.766	32.28	32.64	26.235	650.94	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-09	12:00:00"	14.54	279.4	14.92	23.66	10.78	280.4	16.2	19.49	58.39	60.54	-2.144	27.45	27.42	26.221	789.41	0	
"2010-03-09	13:00:00"	15.15	272.8	14.59	26.65	11.76	274.3	16.52	22.47	60.08	62.46	-2.38	24.66	24.37	26.205	862.47	0	
"2010-03-09	14:00:00"	17.06	257	14.51	30.22	14.27	258.1	15.75	26.65	61.91	64.16	-2.247	22.04	21.76	26.172	866.34	0	
"2010-03-09	15:00:00"	15.2	251.3	17.81	29.63	12.91	252.3	19.28	26.05	63.31	65.39	-2.08	19.26	19.11	26.138	784.68	0	
"2010-03-09	16:00:00"	14.97	250.9	17.51	24.26	12.63	252.5	18.97	23.07	64.9	66.76	-1.863	16.42	16.36	26.118	673.14	0	
"2010-03-09	17:00:00"	14.88	258.3	16.87	24.86	12.22	259.7	18.61	22.47	66.03	67.45	-1.423	14.82	14.95	26.097	490.72	0	
"2010-03-09	18:00:00"	17.22	259.7	11.83	27.84	13.86	261.6	13.25	26.65	67.02	67.68	-0.654	13.93	14.31	26.083	271.41	0	
"2010-03-09	19:00:00"	13.76	257.3	21.61	26.05	10.36	259.2	22.47	20.68	64.91	64.52	0.39	14.85	15.99	26.088	65.711	0	
"2010-03-09	20:00:00"	14.59	227.2	8.51	21.87	11.26	228.8	10.81	17.7	60.78	60.02	0.752	20.36	22.2	26.092	0.25883	0	
"2010-03-09	21:00:00"	12.47	237.6	12.71	20.09	9.63	239.2	14.68	15.31	57.53	56.69	0.841	22.2	24.55	26.097	0	0	
"2010-03-09	22:00:00"	9.02	219.2	9.91	14.72	6.103	216.1	15.4	11.74	53.9	52.26	1.646	25.92	29.71	26.092	0	0	
"2010-03-09	23:00:00"	7.886	221.5	7.073	13.52	4.82	217.4	11.7	11.14	51.59	49.32	2.267	28.7	33.82	26.079	0	0	
"2010-03-10	00:00:00"	5.085	226.8	30.87	7.561	2.161	218.7	53.07	4.578	51.98	48.35	3.623	28.28	34.93	26.052	0	0	
"2010-03-10	01:00:00"	6.26	212.2	14.57	8.75	3.586	209	22.5	5.771	49.85	47.24	2.603	30.85	36.95	26.032	0	0	
"2010-03-10	02:00:00"	8.23	243.4	7.638	12.33	5.36	245.6	11.6	8.75	49.16	46.02	3.141	32.47	40.11	26.024	0	0	
"2010-03-10	03:00:00"	10.23	228.9	9.14	15.31	7.273	230.7	11.11	11.14	47.5	46.1	1.404	34.52	39.35	26.024	0	0	
"2010-03-10	04:00:00"	15.56	266.1	12.97	25.45	11.73	267.9	13.81	21.87	49.8	48.98	0.814	34.52	38.09	26.037	0	0	
"2010-03-10	05:00:00"	23.6	289.2	8.01	39.17	14.82	289.8	10.14	26.65	47.31	46.92	0.397	44.42	48.35	26.052	0	0	
"2010-03-10	06:00:00"	21.07	275.3	10.61	42.15	15.52	276.9	12.14	29.03	44.92	44.52	0.404	41.78	45.75	26.061	0	0	
"2010-03-10	07:00:00"	18.14	250.3	9.35	29.03	15.09	252.2	11.22	25.45	43.47	43.07	0.402	36.01	39.86	26.057	0.07834	0	
"2010-03-10	08:00:00"	16.83	251.3	7.541	26.05	13.7	253.7	9.56	24.26	41.88	41.61	0.267	27.94	31.53	26.063	51.489	0	
"2010-03-10	09:00:00"	23.12	261.6	8.61	36.78	18.13	263.6	10.82	32.61	43.06	43.48	-0.429	29.29	31.98	26.07	249.2	0	
"2010-03-10	10:00:00"	25.63	269.7	10.24	36.78	19.72	271.6	11.75	30.82	45.27	46.3	-1.038	29.83	31.72	26.07	447.84	0	
"2010-03-10	11:00:00"	27.42	267.9	10.33	42.15	21.66	269.8	12.15	34.4	47.17	48.54	-1.371	27.19	28.67	26.064	603.08	0	
"2010-03-10	12:00:00"	29.24	271.2	12.2	42.15	22.23	272.8	13.75	35.59	50.8	52.67	-1.863	22.97	23.86	26.052	778.47	0	
"2010-03-10	13:00:00"	28.26	284	10.82	42.15	19.58	284.8	12.31	34.4	53.08	55.19	-2.116	22.23	22.7	26.052	793.13	0	
"2010-03-10	14:00:00"	26.29	289.8	11.27	42.75	16.98	290.6	13.16	33.8	54.96	57.15	-2.196	22.14	22.4	26.047	791.87	0	
"2010-03-10	15:00:00"	21.73	291.2	11.98	36.19	14.16	291.5	13.67	27.84	57.08	59.47	-2.387	21.42	21.4	26.035	766.87	0	
"2010-03-10	16:00:00"	19.49	292.6	13.52	30.82	12.8	292.7	14.36	24.86	58.45	60.5	-2.049	20.62	20.76	26.025	666.75	0	
"2010-03-10	17:00:00"	15.58	300.3	16.16	26.05	10.36	300.9	17.14	20.68	59.22	60.95	-1.726	19.89	20.17	26.021	489.35	0	
"2010-03-10	18:00:00"	14.43	312.3	20.6	23.07	10.01	311.5	20.25	18.89	58.61	59.65	-1.04	22.36	23.03	26.023	268.55	0	
"2010-03-10	19:00:00"	11.19	329.2	11.18	18.89	8.13	328.7	11.63	16.51	56.65	56.4	0.254	24.49	26.39	26.039	65.724	0	
"2010-03-10	20:00:00"	8.71	326.7	8.44	10.54	4.635	325.1	9.69	6.368	54.33	49.2	5.132	26.33	33.37	26.061	0.28485	0	
"2010-03-10	21:00:00"	6.874	293.2	14.55	15.91	3.697	297.2	21.95	11.14	52.17	48.13	4.039	28.95	35.8	26.081	0	0	
"2010-03-10	22:00:00"	10.39	281.3	14.98	24.86	6.418	283.9	17.31	16.51	50.19	48.85	1.345	29.32	33.4	26.097	0	0	
"2010-03-10	23:00:00"	11.97	265.6	8.16	18.89	9.06	267.1	10	15.31	48.92	48.14	0.787	26	29.38	26.098	0	0	
"2010-03-11	00:00:00"	18.65	280.3	11.87	27.24	12.94	281.4	13.17	22.47	49.46	48.87	0.587	25.67	28.63	26.096	0	0	
"2010-03-11	01:00:00"	10.25	303	6.828	19.49	5.132	303.8	10.31	12.33	47.06	45.5	1.562	28.58	32.96	26.094	0	0	
"2010-03-11	02:00:00"	7.697	288.8	10.42	12.93	3.934	293.1	12.49	10.54	43.74	41.69	2.055	33.05	38.71	26.09	0	0	
"2010-03-11	03:00:00"	8.68	293.6	8.11	15.31	4.245	294.4	11.05	12.33	41.37	39.58	1.797	37.86	44.72	26.088	0	0	
"2010-03-11	04:00:00"	11.92	278	7.585	17.1	8.34	280.1	10.13	14.72	43	42.23	0.768	40.81	45.73	26.097	0	0	
"2010-03-11	05:00:00"	5.523	218.6	21.19	10.54	3.303	201.9	29.66	7.561	38.15	35.71	2.445	47.21	55.08	26.101	0	0	
"2010-03-11	06:00:00"	5.422	232.3	27.56	7.561	3.315	220.5	44.1	5.175	37.48	34.64	2.835	48.35	57.45	26.103	0	0	
"2010-03-11	07:00:00"	2.856	246.7	33.92	5.175	1.344	201.9	81.2	4.578	37.91	34.27	3.639	48.87	59.21	26.109	0.09911	0	
"2010-03-11	08:00:00"	2.971	252.3	36.1	8.16	1.602	214	57.07	5.175	37.37	35.75	1.626	48.57	56.95	26.127	50.758	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-11	09:00:00"	9.05	261.7	14.76	24.26	7.223	261.3	19.25	18.3	41.74	42.2	-0.455	40.54	44.45	26.149	248.9	0	
"2010-03-11	10:00:00"	18.67	292	13.31	28.43	12.05	292.7	14.66	20.68	46.54	47.79	-1.253	31.33	33.05	26.158	454.82	0	
"2010-03-11	11:00:00"	20.07	301.4	13.5	32.61	12.69	300.8	14.97	26.05	47.31	49.02	-1.713	36.66	37.4	26.17	538.54	0	
"2010-03-11	12:00:00"	25.39	311	10.69	35	16.13	310.9	12.7	27.24	45.44	47.01	-1.578	51.04	51.62	26.192	443.85	0	
"2010-03-11	13:00:00"	22.32	295.8	12.65	35	14.14	296.2	14.42	30.22	45.31	47.55	-2.241	54.81	54.05	26.206	667.24	0	
"2010-03-11	14:00:00"	16.73	315.8	23.39	28.43	11.51	313.8	22.78	21.87	45.09	46.64	-1.558	55.57	55.92	26.207	334.13	0	
"2010-03-11	15:00:00"	17.93	348.3	15.14	28.43	14.4	344.4	14.93	24.26	45.72	47.66	-1.941	51.32	51.34	26.218	504.84	0	
"2010-03-11	16:00:00"	20.99	348.9	16.09	33.21	16.6	344.6	15.39	28.43	47.74	49.79	-2.053	43.42	43.31	26.233	586.07	0	
"2010-03-11	17:00:00"	20.82	347.6	14.7	45.13	16.59	343.5	14.6	41.56	50.21	51.86	-1.648	36.95	37.26	26.249	466.55	0	
"2010-03-11	18:00:00"	19.71	353	13.45	32.01	15.47	348.8	15.49	26.05	52.34	53.32	-0.987	30.73	31.79	26.264	278.45	0	
"2010-03-11	19:00:00"	16.68	341	8.9	27.84	12.8	338.1	10.76	22.47	51.24	51.11	0.137	28.86	31.12	26.288	55.986	0	
"2010-03-11	20:00:00"	8.89	321	8.37	12.93	4.886	319.9	10.9	10.54	47.31	45.28	2.032	36.73	42.2	26.314	0.37357	0	
"2010-03-11	21:00:00"	7.456	322	20.12	9.95	3.752	317.9	20.3	6.368	44.05	41.34	2.716	42.74	51.08	26.336	0	0	
"2010-03-11	22:00:00"	8.69	313.1	8.06	11.74	4.371	313.1	10.1	6.964	43.69	41.75	1.939	44.48	52.23	26.361	0	0	
"2010-03-11	23:00:00"	7.003	325.8	16.29	9.95	3.719	327.3	18.37	6.368	43.67	41.6	2.074	44.89	53.13	26.371	0	0	
"2010-03-12	00:00:00"	8.88	337.1	4.185	9.95	4.39	342.2	7.845	5.771	44.04	37.92	6.112	45.89	59.87	26.363	0	0	
"2010-03-12	01:00:00"	8.38	330.3	5.057	10.54	4.297	334.8	10.98	5.771	42.57	36.81	5.759	52.11	65.21	26.357	0	0	
"2010-03-12	02:00:00"	8.82	322.9	5.463	11.14	4.27	319.2	9.49	6.368	38.24	35.18	3.052	61.39	71.74	26.352	0	0	
"2010-03-12	03:00:00"	9.08	313.6	5.467	11.14	4.391	313.3	8.25	7.561	36.2	33.4	2.807	66.31	76.41	26.348	0	0	
"2010-03-12	04:00:00"	9.41	314.2	5.358	11.74	4.752	315.4	9.28	8.16	35.4	32.8	2.6	68.67	78.73	26.342	0	0	
"2010-03-12	05:00:00"	9.39	318.8	6.711	12.33	4.941	319.3	7.939	8.16	36.32	32.9	3.412	66.47	78.54	26.344	0	0	
"2010-03-12	06:00:00"	9.85	316.3	2.788	11.74	5.159	318.8	6.977	6.964	35.11	31.95	3.161	69.25	80.6	26.351	0	0	
"2010-03-12	07:00:00"	9.32	309.4	4.479	11.14	4.316	313.2	8.28	6.964	35.56	32.25	3.303	69.05	80.8	26.362	0.19169	0	
"2010-03-12	08:00:00"	8.94	304	5.389	10.54	4.435	313.8	7.688	6.964	37.71	34.1	3.602	62.65	76.48	26.38	57.329	0	
"2010-03-12	09:00:00"	11.08	303.3	9.55	25.45	6.836	303.2	12.16	18.3	42.81	43.34	-0.531	52.18	55.9	26.408	259.15	0	
"2010-03-12	10:00:00"	20.9	309.7	9.57	31.42	12.83	309.1	11.46	25.45	48.8	49.97	-1.171	37.85	39.46	26.425	474.75	0	
"2010-03-12	11:00:00"	21.99	309.8	11.55	32.61	13.95	308.8	13.33	26.05	52.03	53.82	-1.785	31.92	32.51	26.428	661.84	0	
"2010-03-12	12:00:00"	19.77	305.6	13.27	31.42	12.72	305.6	14.73	23.66	54.09	56.35	-2.264	27.85	27.98	26.417	802.88	0	
"2010-03-12	13:00:00"	14.98	313.2	18.05	25.45	10.53	312.6	19.41	21.28	56.07	58.58	-2.507	25.98	25.81	26.409	876.8	0	
"2010-03-12	14:00:00"	15.92	331.1	21.12	24.26	12.23	329.5	20.18	23.07	59.07	61.72	-2.649	20.09	19.91	26.385	880.83	0	
"2010-03-12	15:00:00"	18.1	321.6	14.71	29.03	12.91	320.5	16.17	23.66	61	63.62	-2.618	13.9	13.97	26.361	799.74	0	
"2010-03-12	16:00:00"	18.24	337.6	14.69	29.03	14.15	335	16.08	27.84	61.49	63.84	-2.355	13.79	13.89	26.351	689.98	0	
"2010-03-12	17:00:00"	15.99	337.5	14.31	24.86	12.49	334.6	14.76	21.87	62.03	63.85	-1.819	14.42	14.65	26.348	502.52	0	
"2010-03-12	18:00:00"	14.92	336.4	13.93	23.66	11.5	333.6	14.57	20.09	62.06	63.02	-0.964	12.71	13.39	26.347	282.93	0	
"2010-03-12	19:00:00"	12.09	335.3	8.23	21.28	8.9	333.3	9.99	17.7	60.34	59.88	0.461	13.49	15.1	26.359	72.139	0	
"2010-03-12	20:00:00"	10.37	332.7	3.821	12.33	5.41	334.7	7.136	7.561	57.16	51.48	5.688	15.37	21.08	26.375	0.41203	0	
"2010-03-12	21:00:00"	10.9	343.9	4.302	12.33	5.861	345.1	9.2	8.16	53.99	48.97	5.012	17.58	24.11	26.391	0	0	
"2010-03-12	22:00:00"	7.597	11.47	14.66	9.95	4.415	18.55	26.54	6.368	53.57	44.35	9.22	17.63	28.14	26.384	0	0	
"2010-03-12	23:00:00"	5.978	333	26.21	9.35	3.308	332.4	35.48	5.175	48.45	42.27	6.182	21.91	31.11	26.39	0	0	
"2010-03-13	00:00:00"	6.682	9.88	23.6	8.16	4.715	4.892	14.77	5.771	54.5	39.75	14.76	16.02	34.8	26.385	0	0	
"2010-03-13	01:00:00"	7.312	26.61	6.583	9.95	4.781	13.59	6.276	5.771	53.07	38.28	14.79	16.14	36.31	26.375	0	0	
"2010-03-13	02:00:00"	4.582	80.9	26.04	5.771	4.04	31.54	15.8	5.771	53.42	43.16	10.26	14.12	28.2	26.369	0	0	
"2010-03-13	03:00:00"	4.657	127.8	23.34	6.368	3.075	67.93	16.41	5.771	52.28	47.62	4.662	14.37	20.74	26.366	0	0	
"2010-03-13	04:00:00"	2.837	115.2	36.36	5.175	2.993	15.72	32.17	4.578	49.86	43.42	6.438	15.88	24.32	26.355	0	0	
"2010-03-13	05:00:00"	1.822	204.6	32.69	3.386	1.54	316.1	30.83	3.386	47.68	44.41	3.27	17.36	23.01	26.348	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-13	06:00:00"	1.579	178.5	60.59	3.386	1.578	5.867	67.8	3.982	47.57	43.72	3.857	17.57	23.26	26.341	0
"2010-03-13	07:00:00"	3.451	94.5	14.85	5.175	4.157	37.51	8.39	5.175	46.82	37.48	9.33	18.1	32.7	26.338	0.21916
"2010-03-13	08:00:00"	5.367	81.7	7.806	6.368	4.288	36.48	8.07	5.175	44.82	35.55	9.27	19.48	39.92	26.344	61.241
"2010-03-13	09:00:00"	5.764	142.6	38.12	11.14	4.591	132.4	49.95	8.75	49.49	49.25	0.236	22.98	28.15	26.36	266.54
"2010-03-13	10:00:00"	10.89	187.1	13.51	16.51	8.88	184.5	16.58	14.72	56.47	57.39	-0.917	17.44	19.01	26.356	485.97
"2010-03-13	11:00:00"	11.65	208.7	15.28	17.1	9.61	208.3	18.85	15.91	59.69	61.19	-1.501	16.51	17.34	26.347	674.68
"2010-03-13	12:00:00"	9.28	219.9	19.96	15.91	7.854	220.5	24.38	13.52	63.12	64.73	-1.608	15.12	15.57	26.328	813.46
"2010-03-13	13:00:00"	10.95	231.3	22.94	20.68	9.41	233.1	26.26	18.3	66.82	68.64	-1.822	13.23	13.24	26.299	887.84
"2010-03-13	14:00:00"	12.36	236.2	18.56	20.09	10.68	236.5	21.01	20.68	69.51	71.43	-1.921	11.67	11.44	26.261	891.15
"2010-03-13	15:00:00"	11.9	226.9	18.79	21.28	10.14	227.3	21.43	18.3	71.38	73.28	-1.896	9.96	9.64	26.227	805.53
"2010-03-13	16:00:00"	10.15	238.2	30.1	25.45	8.49	238.6	32.96	23.66	72.63	74.26	-1.631	9.18	8.85	26.196	690.64
"2010-03-13	17:00:00"	11.1	243.4	19.94	20.68	9.42	245.3	21.86	18.3	73.92	75.13	-1.211	8.5	8.21	26.172	506.21
"2010-03-13	18:00:00"	9.28	223.8	24.58	17.7	7.72	223.9	29.14	17.1	74.15	74.68	-0.529	7.748	7.656	26.154	285.36
"2010-03-13	19:00:00"	9.32	219.8	10.9	15.91	6.798	220.5	13.25	12.33	72.55	71.72	0.828	8.42	9.03	26.15	74.044
"2010-03-13	20:00:00"	6.286	223.1	24.34	10.54	3.615	224.4	30.88	8.75	67.18	64.31	2.866	10.59	12.98	26.168	0.49546
"2010-03-13	21:00:00"	3.669	196.9	47.99	8.16	2.752	119.4	74.86	4.578	65.52	60.61	4.914	10.33	14.43	26.178	0
"2010-03-13	22:00:00"	8.89	160.2	14.02	13.52	5.031	144	7.593	8.16	60.77	55.93	4.84	12.02	17.3	26.184	0
"2010-03-13	23:00:00"	7.169	171	10.82	12.33	4.025	176	20.35	8.75	55.5	53.42	2.075	16.15	19.73	26.188	0
"2010-03-14	00:00:00"	6.852	218.5	26.43	13.52	4.552	234.8	33.62	11.74	55.3	52.63	2.67	16.42	20.54	26.191	0
"2010-03-14	01:00:00"	6.941	224.1	9.5	9.95	4.524	239.1	12.26	6.368	55.42	52.29	3.136	16.66	21.28	26.193	0
"2010-03-14	02:00:00"	7.007	199.9	10.58	9.35	4.197	204.8	15.52	6.368	53.64	50.66	2.978	19.64	24.07	26.194	0
"2010-03-14	03:00:00"	7.067	198.7	5.275	8.75	4.346	207.5	8.92	5.771	51.66	48.55	3.112	22.36	27.21	26.185	0
"2010-03-14	04:00:00"	7.191	207	5.172	9.35	4.452	211	11.13	5.771	50.56	47.24	3.324	24.44	29.83	26.176	0
"2010-03-14	05:00:00"	8.43	203.2	3.413	10.54	5.153	203.4	7.513	6.368	49.19	45.05	4.136	26.55	33.32	26.183	0
"2010-03-14	06:00:00"	8.5	201.2	7.264	9.95	5.192	207	8.74	6.964	46.66	43.11	3.55	30.97	38.15	26.188	0
"2010-03-14	07:00:00"	7.214	202.8	11.42	9.35	4.433	214.9	13	5.771	45.56	42.23	3.33	32.96	39.93	26.206	0.29141
"2010-03-14	08:00:00"	6.74	233.5	8.8	8.75	4.756	241.8	8.85	6.368	45.86	43.7	2.166	32.34	39.13	26.231	64.997
"2010-03-14	09:00:00"	4.793	243.3	11.99	8.16	4.526	247.9	14.79	8.16	49.82	50.05	-0.234	29.07	31.56	26.256	270.51
"2010-03-14	10:00:00"	6.064	244.5	13.08	9.95	5.564	246.8	15.41	8.75	57.04	57.77	-0.729	22.17	23.56	26.273	477.16
"2010-03-14	11:00:00"	7.671	240.5	18.4	15.91	6.816	240.7	21.42	15.91	65.1	66.18	-1.082	17.42	17.88	26.276	675.26
"2010-03-14	12:00:00"	8.89	252.9	26.9	16.51	7.566	255.1	30.7	14.72	69.75	71.27	-1.522	13.63	13.51	26.27	766.86
"2010-03-14	13:00:00"	5.811	207.6	71.77	14.12	5.116	205.5	71.08	13.52	70.69	71.93	-1.243	12.78	12.63	26.262	756.93
"2010-03-14	14:00:00"	6.528	236.7	64.09	19.49	5.609	241.4	67.57	15.91	72.09	73.39	-1.307	11.94	11.67	26.238	857.36
"2010-03-14	15:00:00"	10.36	218.6	42.82	23.66	8.74	219.2	46.71	20.09	73.88	75.6	-1.722	10.72	10.16	26.213	746.34
"2010-03-14	16:00:00"	17.19	233.5	14.72	30.22	14.18	234.5	16.56	24.26	73.75	74.8	-1.047	10.18	9.85	26.21	373.51
"2010-03-14	17:00:00"	15.56	246.7	11.5	24.26	13.11	248.8	13.62	22.47	73.17	73.69	-0.524	9.78	9.71	26.214	230.17
"2010-03-14	18:00:00"	14.64	252.9	9.8	23.66	11.82	254.1	11.64	19.49	72.41	72.38	0.036	10.23	10.42	26.216	109.76
"2010-03-14	19:00:00"	12.87	261.3	53.18	20.68	10.14	264.8	53.09	18.89	71.05	70.9	0.148	13.31	13.6	26.241	84.741
"2010-03-14	20:00:00"	16.5	78.59	12.18	25.45	12.59	76.19	13.35	20.68	61.8	61.56	0.234	35.1	36.38	26.289	0.7896
"2010-03-14	21:00:00"	18.07	63.21	7.706	31.42	13.74	62.05	10.01	26.65	57.49	57.26	0.226	44.14	46.31	26.329	0
"2010-03-14	22:00:00"	19.89	59.99	7.727	28.43	15.14	58.51	10.13	23.66	54.75	54.61	0.141	49.45	51.91	26.368	0
"2010-03-14	23:00:00"	23.5	55.36	8.26	34.4	17.82	54.4	10.12	27.84	52.37	52.31	0.063	54.73	57.35	26.393	0
"2010-03-15	00:00:00"	25.61	45.55	8.29	37.98	19.63	45.25	10.19	31.42	49.56	49.59	-0.028	59.06	61.84	26.431	0
"2010-03-15	01:00:00"	25.92	50.34	8.56	39.17	19.98	49.73	10.26	30.82	47.32	47.37	-0.054	59.6	62.67	26.449	0
"2010-03-15	02:00:00"	24.18	51.43	8.85	36.19	18.68	50.5	10.74	30.22	45.79	45.86	-0.068	66.38	69.48	26.455	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-15	03:00:00"	23.34	42.47	8.4	34.4	17.94	41.75	10.62	29.63	44.37	44.48	-0.107	69.76	72.93	26.477	0	0
"2010-03-15	04:00:00"	22.59	44.88	8.4	33.21	17.4	44.1	10.36	27.84	43.57	43.73	-0.165	72.93	76.05	26.484	0	0
"2010-03-15	05:00:00"	24.88	58.54	8.16	34.4	19.05	57.04	10.25	29.63	43.36	43.5	-0.143	73.63	76.85	26.477	0	0
"2010-03-15	06:00:00"	25.96	65.46	7.655	38.57	19.81	63.96	9.98	32.01	43.24	43.35	-0.104	73.45	76.81	26.488	0	0
"2010-03-15	07:00:00"	23.01	68.12	9.2	33.21	17.5	66.8	11.19	26.65	42.87	42.98	-0.108	78.14	81.8	26.519	0	0.02
"2010-03-15	08:00:00"	21.81	80.8	7.069	33.8	16.62	78.79	9.31	29.03	41.64	41.8	-0.158	86.4	90.1	26.531	4.1991	0.06
"2010-03-15	09:00:00"	18.51	72.97	9.51	29.63	14.13	71.33	11.29	21.87	41.35	41.53	-0.183	87.4	91	26.565	12.631	0.09
"2010-03-15	10:00:00"	14.83	55.43	9.37	24.86	11.47	54	11.31	21.28	41.43	41.64	-0.205	86.5	90.7	26.598	34.122	0.03
"2010-03-15	11:00:00"	13.18	38.32	9.66	20.09	10.33	37.4	12.24	17.1	41.67	41.85	-0.178	85.3	90	26.629	47.665	0.08
"2010-03-15	12:00:00"	15.9	48.91	9.41	27.84	12.41	48.16	11.19	23.66	41.67	41.89	-0.213	84.6	89.4	26.638	79.07	0.08
"2010-03-15	13:00:00"	19.89	45.75	8.42	27.24	15.66	45.29	10.54	23.66	42.22	43.03	-0.806	82.8	88.2	26.63	398.91	0.02
"2010-03-15	14:00:00"	17.08	33.57	10.27	24.26	13.42	32.92	14.35	21.87	42.97	43.92	-0.951	79.74	84.9	26.626	354.16	0
"2010-03-15	15:00:00"	16.97	26.36	8.13	24.86	13.36	25.47	13.9	21.28	42.02	42.55	-0.531	80.2	84.9	26.619	130.66	0
"2010-03-15	16:00:00"	17.11	24.64	8.04	25.45	13.42	22.61	13.86	21.28	41.99	42.46	-0.466	77.58	82	26.624	125.79	0
"2010-03-15	17:00:00"	16.83	30.55	8.31	25.45	13.11	29.47	12.83	22.47	41.83	42.38	-0.544	76.42	81.3	26.641	173.74	0
"2010-03-15	18:00:00"	13.81	31.23	8.92	19.49	10.72	30.77	12.86	16.51	41.8	42.12	-0.324	78.54	83.6	26.655	73.599	0
"2010-03-15	19:00:00"	14.87	29.24	8.11	20.68	11.48	28.55	13.21	18.89	41.45	41.58	-0.136	78.32	83.3	26.681	19.863	0.01
"2010-03-15	20:00:00"	12.54	25.5	8.12	20.09	9.78	24.43	13.75	16.51	40.02	40.06	-0.043	83.8	88.9	26.701	0.26148	0.01
"2010-03-15	21:00:00"	11.88	22.74	8.52	18.3	9.34	21.46	13.63	15.91	38.77	38.81	-0.036	84.1	89.3	26.721	0	0
"2010-03-15	22:00:00"	12.09	11.42	8.02	18.3	9.5	7.592	14.6	16.51	37.57	37.65	-0.081	84.6	89.8	26.735	0	0.01
"2010-03-15	23:00:00"	11.14	0.826	11.75	18.3	8.83	355.4	15.36	17.7	37.33	37.43	-0.1	85.8	91	26.738	0	0.03
"2010-03-16	00:00:00"	10.09	352.5	11.36	14.72	8.04	348.6	11.63	13.52	37.66	37.72	-0.062	85.9	91.2	26.733	0	0.01
"2010-03-16	01:00:00"	11.33	353.8	10.97	17.1	8.89	349	14.99	15.91	38.39	38.42	-0.023	85.7	91	26.725	0	0.01
"2010-03-16	02:00:00"	12.53	0.003	14.12	17.1	9.77	354.6	15.01	14.72	38.45	38.45	-0.006	85.3	90.6	26.725	0	0.01
"2010-03-16	03:00:00"	13.26	4.194	10.45	18.89	10.43	359.4	15.12	17.7	38.37	38.38	-0.011	84.9	90.2	26.726	0	0
"2010-03-16	04:00:00"	13.11	7.421	9.84	20.68	10.32	2.783	16.54	17.1	38.28	38.3	-0.017	85	90.2	26.72	0	0
"2010-03-16	05:00:00"	14.62	14.17	7.393	20.68	11.45	10.65	15.16	17.7	38.48	38.46	0.014	84.7	89.9	26.72	0	0
"2010-03-16	06:00:00"	12.35	15.56	7.22	20.09	9.65	12.18	14.56	15.91	38.26	38.2	0.057	85.7	90.7	26.728	0	0
"2010-03-16	07:00:00"	9.51	12.51	7.852	13.52	7.388	8.34	14.22	11.14	38.64	38.48	0.158	86.5	91.5	26.732	0.11623	0
"2010-03-16	08:00:00"	11.27	5.029	12.76	17.7	8.81	0.373	15.93	15.31	40.16	40.15	0.006	86.3	91.1	26.745	25.597	0
"2010-03-16	09:00:00"	12.79	0.655	12.46	18.3	10.12	354.7	14.75	14.72	41.64	41.84	-0.193	86.1	90.7	26.773	77.921	0.01
"2010-03-16	10:00:00"	14.98	9.09	9.44	20.68	11.73	4.133	16.38	18.3	42.28	42.66	-0.385	87.3	91.7	26.786	142.85	0
"2010-03-16	11:00:00"	14.25	27.4	13.17	20.09	11.31	25.5	17.43	17.1	44.36	45.29	-0.929	80.7	85.3	26.785	385.03	0
"2010-03-16	12:00:00"	11.19	30.32	13.3	17.1	9.19	29.35	17.48	15.31	46.74	48.2	-1.455	73.97	77.15	26.777	572.34	0
"2010-03-16	13:00:00"	12.52	32.09	16.26	19.49	10.27	31.32	19.58	17.1	50.05	51.7	-1.647	64.07	67.07	26.763	622.34	0
"2010-03-16	14:00:00"	11.29	19.56	15.63	18.3	9.41	16.6	21.08	16.51	51.78	53.65	-1.867	58.72	61.1	26.744	693.12	0
"2010-03-16	15:00:00"	10.92	9.26	17.04	18.3	9.13	5.734	20.82	15.91	52.8	54.45	-1.654	54.87	56.76	26.722	560.36	0
"2010-03-16	16:00:00"	10.14	3.667	27.38	20.68	8.53	1.664	29.74	18.3	54.93	56.84	-1.912	50.61	51.54	26.706	642.02	0
"2010-03-16	17:00:00"	7.259	359	22.56	15.91	6.115	356.5	23.52	12.33	55.89	56.98	-1.089	48.53	50.03	26.691	294.13	0
"2010-03-16	18:00:00"	5.922	300.5	41.1	10.54	4.735	298.8	41.24	9.35	56.44	56.89	-0.449	45.33	48.23	26.686	139.16	0
"2010-03-16	19:00:00"	3.735	259.5	63.95	7.561	2.469	260.8	67.43	6.964	56.7	56.58	0.114	44.68	48.63	26.684	70.356	0
"2010-03-16	20:00:00"	3.834	126.7	17.9	5.771	1.674	119.3	16.96	4.578	56.05	53.36	2.688	44.76	54.71	26.687	0.68119	0
"2010-03-16	21:00:00"	6.597	174.4	9.05	8.75	3.572	159.7	13.49	5.175	53.45	49.56	3.89	49.54	63.08	26.689	0	0
"2010-03-16	22:00:00"	6.058	196.3	6.277	8.16	3.479	191.9	10.44	4.578	50.18	47.43	2.757	58.3	68.59	26.695	0	0
"2010-03-16	23:00:00"	3.445	224.2	21.06	5.771	1.282	210.6	37.35	3.386	48.6	46.79	1.808	62.65	69.8	26.694	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-17	00:00:00"	5.118	178.4	13.47	8.16	2.761	165.9	34.81	5.175	45.84	42.59	3.248	69.43	80.5	26.681	0
"2010-03-17	01:00:00"	2.736	209.8	37.99	4.578	1.476	291.5	61.45	4.578	42.94	41.03	1.913	75.76	83.4	26.667	0
"2010-03-17	02:00:00"	6.587	256.5	14.3	9.95	4.568	256	15.13	8.16	40.85	38.9	1.95	76.17	85.9	26.656	0
"2010-03-17	03:00:00"	7.399	283.3	8.25	9.35	3.132	290.1	11.71	5.175	43.16	38.66	4.501	62.8	79.56	26.644	0
"2010-03-17	04:00:00"	6.79	282	7.24	8.75	3.878	272.7	12.25	5.771	41.49	39.37	2.117	70.39	80.4	26.621	0
"2010-03-17	05:00:00"	9.95	309.7	6.122	12.33	4.998	312.7	8.46	8.16	40.48	38.18	2.294	70.53	81.9	26.605	0
"2010-03-17	06:00:00"	10.93	311.9	5.046	13.52	5.674	311.6	8.31	9.35	39.97	38.52	1.451	70.91	80.2	26.608	0
"2010-03-17	07:00:00"	10.9	312.8	5.428	13.52	5.959	313.9	8.28	9.35	40.15	38.57	1.587	67.09	76.98	26.617	0.459
"2010-03-17	08:00:00"	11.36	308.8	5.045	14.12	6.272	311.4	8.08	9.35	40.96	40.14	0.82	66.45	74.62	26.627	74.356
"2010-03-17	09:00:00"	10.62	307	7.573	13.52	6.455	308.1	9.75	9.95	46.71	47.16	-0.452	56.88	61.55	26.637	283.84
"2010-03-17	10:00:00"	11.38	288.7	10.51	15.91	7.993	288.9	12.21	15.31	53.2	54.24	-1.036	51.03	54.04	26.643	500.91
"2010-03-17	11:00:00"	13.32	279.4	11.89	19.49	9.87	280.8	14.24	16.51	59.91	61.27	-1.369	35.25	37.28	26.642	688.49
"2010-03-17	12:00:00"	12.12	285.5	13.67	18.3	8.69	286.5	15.61	18.3	63.22	64.93	-1.705	27.2	28.23	26.625	826.26
"2010-03-17	13:00:00"	10.88	292.6	18.34	17.1	7.805	293.5	20.09	14.72	65.36	67.27	-1.907	24.08	24.46	26.6	900.67
"2010-03-17	14:00:00"	8.94	295.6	27.59	17.7	6.568	295	28.85	15.31	67.38	69.07	-1.696	21.32	21.44	26.574	902.66
"2010-03-17	15:00:00"	9.05	287.5	26.28	17.1	6.949	287.5	29.15	14.72	68.88	70.55	-1.666	20.87	20.78	26.55	811.35
"2010-03-17	16:00:00"	9.8	311.4	53.61	18.89	7.703	312.8	52.78	17.1	70.85	72.57	-1.717	17.74	17.6	26.527	698.41
"2010-03-17	17:00:00"	8.86	17.47	36.92	16.51	7.188	14.03	39.83	15.31	71.91	73.37	-1.46	15.15	15.1	26.514	518.93
"2010-03-17	18:00:00"	7.362	16.28	28.76	13.52	6.119	13.63	31.41	12.33	71.61	72.62	-1.008	15.15	15.36	26.505	308.8
"2010-03-17	19:00:00"	8.05	34.46	13.41	14.12	5.872	33.31	15.85	12.93	70.44	69.75	0.683	15.48	17.33	26.505	89.269
"2010-03-17	20:00:00"	8.72	69.64	13.63	10.54	4.687	64.14	12.39	6.964	62.97	59.58	3.383	25.81	32.23	26.513	0.86143
"2010-03-17	21:00:00"	12.1	81.5	6.198	17.7	8.4	78.29	8.34	14.12	57.97	56.52	1.455	39.64	44.42	26.528	0
"2010-03-17	22:00:00"	11.15	82.2	6.305	15.31	7.833	79.3	8.1	12.93	54.93	54.03	0.902	50.17	54.66	26.543	0
"2010-03-17	23:00:00"	9.93	89.3	10.69	14.72	6.664	86	12.43	11.74	51.94	50.79	1.145	56.01	61.67	26.554	0
"2010-03-18	00:00:00"	11.17	94.7	7.166	15.31	8.1	90.5	8.62	12.33	49.66	49	0.661	63.77	68.44	26.554	0
"2010-03-18	01:00:00"	10.98	86.6	7.105	14.72	7.684	81.1	8.66	12.33	46.91	46.23	0.689	73.61	78.51	26.552	0
"2010-03-18	02:00:00"	12.9	84.5	6.537	17.1	9.63	80.9	8.13	14.72	45.42	44.99	0.425	81.3	85.6	26.539	0
"2010-03-18	03:00:00"	10.98	86.7	6.602	15.91	8.05	83.3	8.24	12.93	43.55	43.24	0.304	86.5	90.5	26.532	0
"2010-03-18	04:00:00"	6.871	81.7	30.35	10.54	4.973	76.97	35.75	7.561	41.4	41.02	0.379	89.6	93.5	26.524	0
"2010-03-18	05:00:00"	4.714	78.15	10.02	8.16	2.805	57.89	17.1	6.964	40.41	39.69	0.727	90.5	94.4	26.52	0
"2010-03-18	06:00:00"	2.379	50.06	88.5	6.964	1.836	21.74	88.8	5.771	39.75	39.9	-0.147	90.9	95.1	26.527	0
"2010-03-18	07:00:00"	5.885	127.3	11.26	9.35	4.619	126.4	12.65	8.16	40.52	40.69	-0.176	91.2	95.2	26.526	0.42814
"2010-03-18	08:00:00"	3.915	120.3	14.61	6.964	3.185	118.9	19.04	6.368	39.92	40.14	-0.22	91.2	95.2	26.528	45.113
"2010-03-18	09:00:00"	6.171	132.6	13.93	11.14	5.092	131.7	15.18	9.95	41.57	42.12	-0.549	91.6	95.5	26.534	274.5
"2010-03-18	10:00:00"	8.79	136.5	13.32	13.52	7.318	134.5	15.34	11.74	45.97	47.14	-1.164	85.6	87.1	26.526	505.64
"2010-03-18	11:00:00"	12.5	160.5	12.51	18.3	10.45	157.3	13.81	16.51	51.69	53.19	-1.494	53.44	54.51	26.516	691.89
"2010-03-18	12:00:00"	13.64	165.6	12.18	20.68	11.43	162.5	14.12	18.3	57.96	59.59	-1.632	42.24	42.4	26.496	827.17
"2010-03-18	13:00:00"	13.1	175.4	14.6	21.87	10.84	171.6	17.61	18.89	61.84	63.63	-1.794	34.67	34.46	26.463	900.11
"2010-03-18	14:00:00"	12.69	194.9	19.76	23.07	10.41	194	22.96	18.89	65.08	67.06	-1.976	27.75	27.39	26.424	903.57
"2010-03-18	15:00:00"	12.55	191.5	23.42	21.87	10.34	188.9	27.23	17.7	67.01	68.93	-1.918	22.68	22.37	26.38	822.53
"2010-03-18	16:00:00"	14.84	178	16.02	23.66	12.12	174.8	19.55	19.49	68.56	70.23	-1.671	20.64	20.37	26.346	705.04
"2010-03-18	17:00:00"	16.18	178.8	14.14	26.05	13	175.8	17.34	21.28	69.49	70.83	-1.336	18.83	18.72	26.321	517.32
"2010-03-18	18:00:00"	16.54	173.2	9.9	25.45	13.24	169.3	12.38	23.07	69.57	70.24	-0.663	18.35	18.61	26.298	292.61
"2010-03-18	19:00:00"	14.12	169.9	8.64	22.47	10.84	166.7	10.99	18.89	68.3	68.09	0.207	22.41	23.4	26.293	77.701
"2010-03-18	20:00:00"	11.44	151.6	6.958	15.31	7.866	148	8.81	12.93	62.89	61.85	1.04	27.79	30.44	26.292	0.74325

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-18	21:00:00"	13.54	147.7	6.502	18.3	9.93	144.1	8	15.31	60.31	59.53	0.782	30.38	32.86	26.295	0	0
"2010-03-18	22:00:00"	13.93	150.2	6.878	19.49	10.33	146.2	7.945	15.31	58.99	58.26	0.736	32.39	34.95	26.295	0	0
"2010-03-18	23:00:00"	14.81	151.9	6.514	22.47	11.11	148.2	7.669	17.1	57.56	56.87	0.688	33.35	36.01	26.283	0	0
"2010-03-19	00:00:00"	11.88	161.3	6.544	16.51	8.55	157.1	7.922	12.93	54.45	53.61	0.847	37.19	40.89	26.277	0	0
"2010-03-19	01:00:00"	14.49	174.8	7.637	20.68	10.88	171.7	9.67	16.51	55.39	54.67	0.718	37.68	40.91	26.265	0	0
"2010-03-19	02:00:00"	14.26	177.2	7.075	21.87	10.81	174.9	9.23	17.1	53.76	53.18	0.576	42.68	46.31	26.255	0	0
"2010-03-19	03:00:00"	14.93	179.4	6.898	20.68	11.3	177.4	9.83	16.51	52.42	51.91	0.513	49.54	53.26	26.237	0	0
"2010-03-19	04:00:00"	11.55	189	8.86	18.3	8.52	189.1	11.96	15.31	50.88	50.34	0.539	56.94	60.93	26.222	0	0
"2010-03-19	05:00:00"	12.33	189.6	7.643	19.49	8.96	190	10.55	15.31	49.5	48.92	0.574	64.4	68.63	26.209	0	0
"2010-03-19	06:00:00"	9.46	195.8	7.61	14.72	6.598	196	10.33	11.14	48.35	47.61	0.737	71.99	76.63	26.204	0	0
"2010-03-19	07:00:00"	9.94	208.6	8.12	12.93	6.662	211.1	11.67	10.54	46.83	45.93	0.9	77.45	82.6	26.203	0.53188	0
"2010-03-19	08:00:00"	10.63	221.9	7.086	14.12	7.926	225.2	9.83	12.33	45.99	45.65	0.339	80.2	84.5	26.205	32.629	0
"2010-03-19	09:00:00"	10.55	220.8	8.04	16.51	8.39	223.6	10.91	12.93	47.22	47.49	-0.265	80.1	83.1	26.214	171.69	0
"2010-03-19	10:00:00"	13.9	224.5	10.31	19.49	11.24	225.6	13.13	15.91	53.92	54.86	-0.938	61.06	62.51	26.22	427.22	0
"2010-03-19	11:00:00"	14.51	256.3	16.94	22.47	12.19	258.1	18.21	19.49	62.29	63.75	-1.464	37.75	37.96	26.218	703.97	0
"2010-03-19	12:00:00"	15.75	278.5	14.42	25.45	11.76	279.1	16.13	21.28	69.04	71	-1.956	20.52	20.24	26.208	847.83	0
"2010-03-19	13:00:00"	14.57	290.7	16.27	24.26	10.25	290.9	17.41	23.07	70.21	72.38	-2.176	17.68	17.22	26.191	900.61	0
"2010-03-19	14:00:00"	10.4	335.9	39.01	24.26	8.27	330.7	40.24	20.09	69.71	71.89	-2.181	22.02	21.28	26.18	897.07	0
"2010-03-19	15:00:00"	12.4	23.17	21.7	24.26	10.23	20.94	26.72	22.47	68.95	71.19	-2.245	25.31	24.31	26.164	770.11	0
"2010-03-19	16:00:00"	14.53	33.95	13.92	22.47	11.76	33.23	17.58	20.09	68.17	70.4	-2.225	28.18	27.1	26.158	686.95	0
"2010-03-19	17:00:00"	16.84	34.17	11.72	24.86	13.51	32.53	15.57	21.28	66.55	68.2	-1.648	31.46	30.77	26.164	494.18	0
"2010-03-19	18:00:00"	19.68	49.3	11.02	29.03	15.35	48.36	12.81	24.86	63.67	64.68	-1.019	38.24	38.18	26.176	286.53	0
"2010-03-19	19:00:00"	20.23	50.93	8.57	28.43	15.57	50.16	10.64	24.26	57.25	57.35	-0.096	48.67	50.53	26.204	38.926	0
"2010-03-19	20:00:00"	21.03	42.09	8.65	35.59	16.3	41.45	10.93	30.82	52.57	52.53	0.039	54.17	56.91	26.238	0.45527	0
"2010-03-19	21:00:00"	25.68	39.77	8.75	35	19.83	39.71	11.35	30.22	46.86	46.9	-0.042	60.49	63.65	26.261	0	0
"2010-03-19	22:00:00"	29.58	22.63	11.71	42.15	22.81	20.84	17.13	35.59	41.79	42	-0.207	67.79	71.13	26.323	0	0
"2010-03-19	23:00:00"	31.01	14.71	9.56	44.54	23.95	11.25	16.93	36.78	37.48	37.84	-0.364	71.61	75.15	26.374	0	0
"2010-03-20	00:00:00"	26.63	26.17	10.05	43.94	20.65	24.79	14.65	37.38	36.65	36.97	-0.316	65.3	69.12	26.392	0	0
"2010-03-20	01:00:00"	22.64	42.8	9.11	31.42	17.7	42.5	11.13	27.84	35.61	35.95	-0.346	64.65	68.57	26.4	0	0
"2010-03-20	02:00:00"	22.32	24.28	9.97	33.21	17.27	23.28	14.63	29.03	34.07	34.4	-0.325	69.63	73.65	26.452	0	0
"2010-03-20	03:00:00"	23.42	11.58	10.73	35.59	18.24	7.335	16.76	29.03	32.67	32.98	-0.31	68.19	72.51	26.478	0	0
"2010-03-20	04:00:00"	25.25	8.55	11.9	39.17	19.91	3.795	17.2	34.4	31.1	31.33	-0.234	69.97	74.62	26.484	0	0
"2010-03-20	05:00:00"	25.7	21.58	8.19	40.36	19.94	19.77	14.74	34.4	29.51	29.68	-0.164	68.45	73.34	26.484	0	0
"2010-03-20	06:00:00"	21.44	15.28	8.38	31.42	16.57	11.86	14.67	26.65	29.07	29.2	-0.123	69.59	74.69	26.51	0	0
"2010-03-20	07:00:00"	19.35	10.08	10.15	31.42	15.04	5.254	15.96	27.24	28.72	28.83	-0.11	67.82	73.04	26.544	0.56136	0
"2010-03-20	08:00:00"	18.47	7.645	12.49	30.82	14.54	2.352	16.3	26.05	28.57	28.8	-0.231	65.16	70.29	26.573	69.746	0
"2010-03-20	09:00:00"	24.19	4.855	12.93	35.59	19.18	359.7	16.21	29.63	30.15	31.09	-0.936	59.75	63.35	26.597	284.2	0
"2010-03-20	10:00:00"	23.33	12.55	11.06	34.4	18.51	8.12	16.9	30.22	31.53	32.92	-1.392	54.12	56.94	26.633	414.87	0
"2010-03-20	11:00:00"	21.9	5.638	15.37	32.61	17.47	0.834	18.22	28.43	32.86	34.63	-1.766	51.5	53.51	26.654	451.24	0
"2010-03-20	12:00:00"	22.15	4.936	14.85	32.61	17.82	0.398	18.07	28.43	34.79	36.75	-1.961	46.27	47.97	26.661	536.28	0
"2010-03-20	13:00:00"	21.35	11.3	12.89	31.42	17.08	7.671	17.36	29.03	36.31	38.78	-2.463	41.95	42.97	26.66	734.83	0
"2010-03-20	14:00:00"	21.65	6.572	14.2	35	17.35	2.565	17.84	30.22	37.93	40.31	-2.376	38.51	39.24	26.653	705.15	0
"2010-03-20	15:00:00"	22.6	357.3	15.49	34.4	18.05	352.3	17.18	28.43	39.22	41.48	-2.253	36.56	37.47	26.644	709.11	0
"2010-03-20	16:00:00"	22.46	357.8	15.15	34.4	17.93	353.3	16.27	29.63	40.07	41.87	-1.797	34.02	35.33	26.643	488.46	0
"2010-03-20	17:00:00"	21.54	353.6	14.99	32.61	17.16	349.2	16.05	28.43	41.91	43.66	-1.746	30.35	31.82	26.642	523.96	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-20	18:00:00"	18.59	0.864	13.85	30.22	14.81	355.8	16.96	26.05	41.95	43.02	-1.065	29.48	31.52	26.638	284.37	0
"2010-03-20	19:00:00"	13.41	4.569	11.39	23.66	10.5	359.8	14.04	18.89	41.11	41.24	-0.123	30.47	33.55	26.635	72.137	0
"2010-03-20	20:00:00"	5.743	16.87	7.034	9.35	3.448	8.86	10.08	7.561	38.68	36.31	2.364	34.19	41.57	26.625	0.91058	0
"2010-03-20	21:00:00"	3.623	299.4	51.68	6.368	2.616	285.9	40.41	5.175	37.71	35.52	2.185	36.29	44.78	26.625	0	0
"2010-03-20	22:00:00"	5.324	256.1	24.21	10.54	3.242	257.9	28.97	8.16	36.92	34.83	2.091	39.52	49.71	26.63	0	0
"2010-03-20	23:00:00"	7.905	291.6	5.292	11.74	3.719	294.8	7.878	7.561	34.9	33.1	1.8	46.85	56.1	26.618	0	0
"2010-03-21	00:00:00"	7.541	297.3	6.022	9.95	2.993	302.5	7.937	5.175	32.99	30.3	2.697	51.5	63.84	26.608	0	0
"2010-03-21	01:00:00"	8.42	284.9	9.5	11.74	4.204	290.3	11.99	8.16	32.59	30.5	2.09	52.78	63.67	26.592	0	0
"2010-03-21	02:00:00"	10.06	303	5.319	12.93	4.794	308.4	8.47	8.16	30.84	29.46	1.375	57.69	67.07	26.577	0	0
"2010-03-21	03:00:00"	10.52	306.6	6.083	13.52	5.648	308.7	9.25	9.35	29.21	28.55	0.655	60.67	68.15	26.57	0	0
"2010-03-21	04:00:00"	9.88	302.7	5.164	12.93	4.7	304.3	9.18	7.561	28.53	27.75	0.772	62.65	70.39	26.547	0	0
"2010-03-21	05:00:00"	8.4	347.6	45.39	13.52	4.805	349.9	45.38	10.54	27.95	26.96	0.985	64.71	73.13	26.542	0	0
"2010-03-21	06:00:00"	6.979	21.97	12.53	9.95	4.096	16.38	18.7	6.368	28	25.78	2.22	64.08	75.1	26.55	0	0
"2010-03-21	07:00:00"	8.38	3.887	11.04	11.14	4.663	0.208	14.73	6.964	27.66	25.45	2.216	65.75	77.31	26.558	1.1836	0
"2010-03-21	08:00:00"	8.14	357.3	12.34	11.74	5.503	353.6	11.04	8.16	31.46	30.75	0.703	58.65	67.51	26.573	90.778	0
"2010-03-21	09:00:00"	9.09	332.6	19.29	12.33	7.036	330.2	19.06	11.74	37.83	38.84	-1.014	45.94	49.58	26.593	300.81	0
"2010-03-21	10:00:00"	8.33	326.6	16.55	12.93	6.426	323.8	17.68	11.74	42.06	43.54	-1.477	38.31	40.52	26.603	520.88	0
"2010-03-21	11:00:00"	10.57	344.3	17.56	19.49	8.65	340.8	18.25	17.1	47.58	49.6	-2.018	27.25	28.66	26.606	709.96	0
"2010-03-21	12:00:00"	16.05	342	16.4	26.65	12.79	338.9	18.34	23.07	52.18	54.61	-2.432	19.31	20.34	26.592	848.98	0
"2010-03-21	13:00:00"	16.72	346.4	15.02	29.03	13.59	343.5	16.49	26.65	54.61	57.18	-2.571	15.6	16.47	26.575	917.53	0
"2010-03-21	14:00:00"	16.69	343.8	16.59	27.84	13.42	340.5	15.95	23.07	56.82	59.48	-2.657	13.75	14.44	26.555	913.97	0
"2010-03-21	15:00:00"	14.36	347.7	20.14	24.86	11.55	343.9	20.65	21.28	57.98	60.5	-2.514	15.1	15.59	26.538	825.79	0
"2010-03-21	16:00:00"	13.36	342.6	22.3	23.07	10.72	339.6	21.54	21.28	59.28	61.56	-2.286	14.82	15.3	26.521	709.4	0
"2010-03-21	17:00:00"	11.82	333.5	18.43	21.28	9.2	331.3	18.9	18.3	60.57	62.39	-1.819	13.9	14.5	26.508	523.42	0
"2010-03-21	18:00:00"	10.46	355.1	16.35	18.89	8.52	350.9	17.08	17.1	60.59	61.78	-1.184	14.47	15.31	26.496	298.18	0
"2010-03-21	19:00:00"	8.18	337.8	12.55	13.52	5.948	335.4	13.65	11.74	59.82	59.29	0.526	14.46	16.68	26.499	82.757	0
"2010-03-21	20:00:00"	6.98	324.6	8.71	10.54	4.258	321.4	13.79	6.368	58.17	53.29	4.878	14.35	20.4	26.511	0.92016	0
"2010-03-21	21:00:00"	7.268	326.3	9.41	8.75	4.994	332.5	11.42	6.368	58.04	50.95	7.087	14.16	22.52	26.527	0	0
"2010-03-21	22:00:00"	7.555	307.9	5.274	11.14	4.446	317.3	6.753	5.771	55.3	47.46	7.846	15.93	27.02	26.532	0	0
"2010-03-21	23:00:00"	7.63	302.6	14.76	9.95	3.96	302.9	23.21	8.16	50.94	44.03	6.912	19.6	31.5	26.525	0	0
"2010-03-22	00:00:00"	5.915	308.6	25.96	9.35	3.132	313	41.62	5.175	51.58	42.77	8.81	18.45	32.76	26.512	0	0
"2010-03-22	01:00:00"	4.29	39.09	32.78	6.964	4.227	38.82	32.83	5.175	43.75	36.31	7.442	27.97	46.74	26.503	0	0
"2010-03-22	02:00:00"	2.939	49.14	44.68	5.771	4.224	24.48	13.84	5.771	45.6	37.05	8.55	25.34	43.51	26.491	0	0
"2010-03-22	03:00:00"	3.187	201.2	27.29	5.771	1.731	317.1	84.3	3.982	46.85	43.6	3.244	23.23	29.3	26.475	0	0
"2010-03-22	04:00:00"	4.254	226.3	11.81	6.368	2.44	253.9	12.92	4.578	45.67	42.29	3.38	24.56	32.65	26.457	0	0
"2010-03-22	05:00:00"	4.831	236	13.31	5.771	3.694	258.4	6.162	4.578	44.65	41.28	3.368	25.2	34.88	26.452	0	0
"2010-03-22	06:00:00"	6.34	249.2	10.29	8.16	4.556	260.2	7.8	5.771	43.66	39.85	3.809	26.99	38.27	26.457	0	0
"2010-03-22	07:00:00"	6.851	256.1	9.05	8.75	4.265	264.5	6.175	5.771	42.86	39.66	3.198	26.84	36.46	26.464	1.2321	0
"2010-03-22	08:00:00"	5.643	227.4	10.88	7.561	3.361	227.6	16.78	5.771	43.66	41.62	2.04	26.22	35.1	26.465	103.03	0
"2010-03-22	09:00:00"	7.672	211	9.21	13.52	5.971	212	12.65	10.54	48.7	48.85	-0.15	25.78	29.52	26.463	236.05	0
"2010-03-22	10:00:00"	10	221	9.28	14.72	8.41	222.5	12.48	12.33	53.87	54.78	-0.916	21.08	23.08	26.469	435.78	0
"2010-03-22	11:00:00"	14.01	213.4	11.76	20.68	11.25	213.6	15.19	17.7	59.48	60.99	-1.508	15.8	16.98	26.452	713.87	0
"2010-03-22	12:00:00"	13.21	210.3	13.63	20.09	10.79	210.6	17.6	17.1	63.68	65.56	-1.881	12.82	13.4	26.433	852.79	0
"2010-03-22	13:00:00"	12.98	217.1	14.01	21.87	10.59	217.4	17.48	17.1	66.03	67.97	-1.947	11.82	12.11	26.41	805.52	0
"2010-03-22	14:00:00"	12.86	225	18.33	21.28	10.76	225.9	21.4	18.3	68.24	70.2	-1.96	10.14	10.31	26.376	851.01	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-22	15:00:00"	12.34	231.4	21.24	21.87	10.47	232.2	24.01	18.89	70.77	72.66	-1.882	9.25	9.19	26.337	845.71	0
"2010-03-22	16:00:00"	11.95	235.9	22.22	23.07	10.13	237.2	24.22	24.26	72.4	74.09	-1.682	8.99	8.85	26.304	723.95	0
"2010-03-22	17:00:00"	12.57	234.3	15.19	21.28	10.66	234.9	18.34	17.7	73.85	75.08	-1.224	8.28	8.13	26.28	530.06	0
"2010-03-22	18:00:00"	12.79	221.2	14.65	20.09	10.28	221.7	17.55	18.89	74.27	74.88	-0.605	8.06	8.05	26.267	305.05	0
"2010-03-22	19:00:00"	11.98	209.3	10.42	17.7	8.67	208.5	13.4	14.72	72.21	71.61	0.595	9.04	9.71	26.27	80.568	0
"2010-03-22	20:00:00"	8.99	188.1	9.31	15.31	5.317	183.8	13.03	9.95	65.32	62.56	2.753	12.22	15.19	26.28	0.99973	0
"2010-03-22	21:00:00"	10.42	169.2	8.02	15.31	6.314	163.3	10.02	10.54	60.8	58.58	2.224	14.71	18.21	26.285	0	0
"2010-03-22	22:00:00"	10.25	159.5	5.388	13.52	6.111	154.7	7.602	9.35	58.04	55.9	2.137	16.07	19.87	26.288	0	0
"2010-03-22	23:00:00"	9.19	179	15.55	12.93	5.948	181	19.57	9.35	55.91	54.16	1.754	17.51	21.07	26.293	0	0
"2010-03-23	00:00:00"	8.09	203.9	8.46	11.74	5.083	215.1	11.5	8.75	52.63	50.21	2.418	22.49	27.19	26.294	0	0
"2010-03-23	01:00:00"	8.85	205.3	5.83	11.14	5.305	212.6	9.44	6.964	52.69	49.9	2.786	24.84	30.2	26.286	0	0
"2010-03-23	02:00:00"	8.39	191.1	9.33	12.33	4.529	192.5	12.88	6.964	50.66	47.4	3.263	27.37	33.98	26.275	0	0
"2010-03-23	03:00:00"	6.989	181	12.75	9.35	4.089	182.6	22.32	6.368	48.49	45.92	2.571	30.39	36.45	26.254	0	0
"2010-03-23	04:00:00"	7.891	204.9	6.546	9.95	4.748	212.7	9.75	5.771	48.75	45.15	3.603	30.21	37.79	26.235	0	0
"2010-03-23	05:00:00"	8.49	223.1	11.65	11.74	5.332	224.8	17.2	7.561	47.83	44.54	3.285	31.54	39.57	26.229	0	0
"2010-03-23	06:00:00"	8.65	215.9	7.072	11.74	5.501	220.4	11.68	8.16	45.76	43.72	2.033	34.59	40.99	26.237	0	0
"2010-03-23	07:00:00"	7.556	234.1	10.7	10.54	5.101	244.1	14.87	7.561	45.53	42.56	2.978	34.77	43.55	26.243	1.0253	0
"2010-03-23	08:00:00"	6.748	233.9	10.59	10.54	5.115	238.6	13.69	8.75	45.56	44.66	0.898	35.4	40.88	26.258	91.464	0
"2010-03-23	09:00:00"	8.16	221.6	8.46	12.33	6.849	222.8	11.06	11.14	49.77	50.36	-0.595	31.59	33.89	26.268	306.9	0
"2010-03-23	10:00:00"	9.14	219.8	10.75	13.52	7.755	221.1	13.73	12.33	57.53	58.6	-1.07	24.96	26.17	26.263	525.47	0
"2010-03-23	11:00:00"	9.91	227.6	14.4	18.3	8.77	228.1	17.48	15.91	66.34	67.55	-1.212	18.11	18.49	26.254	713	0
"2010-03-23	12:00:00"	12.53	239.5	16.01	23.07	11.04	241.1	18.37	20.68	73.95	75.46	-1.506	11.5	11.2	26.237	851.18	0
"2010-03-23	13:00:00"	16.5	255.7	15.03	29.03	13.72	257.9	17.47	24.26	76.14	78.14	-2.002	9.41	8.85	26.215	921.7	0
"2010-03-23	14:00:00"	16.57	258.7	16.79	27.24	13.63	260.7	18.41	24.86	76.8	78.91	-2.112	8.82	8.19	26.194	891.42	0
"2010-03-23	15:00:00"	16.85	247.6	15.39	32.61	14.02	250.2	17.4	27.24	78.03	79.67	-1.64	8.37	7.722	26.169	663.04	0
"2010-03-23	16:00:00"	20.35	241.6	13.19	33.8	16.92	243.3	15.53	27.24	77.49	78.32	-0.83	8.36	7.885	26.158	329.56	0
"2010-03-23	17:00:00"	20.82	253.4	15.45	38.57	16.8	254.9	16.74	32.01	75.78	75.86	-0.078	10.42	10.26	26.17	119.18	0
"2010-03-23	18:00:00"	17.87	252.1	27.03	40.36	13.66	253.1	28.11	29.03	71.99	71.88	0.108	15.39	15.66	26.217	52.569	0
"2010-03-23	19:00:00"	20.06	283	14.26	37.38	13.66	284.3	15.1	29.63	66.75	66.63	0.121	24.88	25.59	26.265	15.286	0
"2010-03-23	20:00:00"	19.04	274.1	9.85	29.63	14.22	276	11.4	23.66	61.23	61.2	0.022	41.87	43.32	26.296	0.1209	0
"2010-03-23	21:00:00"	17.66	285	16.62	33.8	11.87	286.2	17.84	24.26	56.17	55.65	0.514	60.63	65.87	26.292	0	0.01
"2010-03-23	22:00:00"	15.01	311	12.04	33.21	8.8	310.7	13.54	19.49	57.48	56.73	0.742	50.16	55.83	26.274	0	0
"2010-03-23	23:00:00"	12.97	318.3	42.93	33.21	8.71	317.4	44.89	20.68	60.25	59.02	1.237	40.39	46.9	26.279	0	0
"2010-03-24	00:00:00"	19.28	295.1	18.35	38.57	12.58	296.4	18.84	32.61	62.38	61.62	0.761	36	39.6	26.263	0	0
"2010-03-24	01:00:00"	10.7	252.9	44.15	26.05	7.333	251.4	47.39	20.68	61.06	59.96	1.1	37.79	42.77	26.262	0	0
"2010-03-24	02:00:00"	7.041	242	13.66	9.95	4.891	245.8	15.98	8.16	58.86	57.57	1.283	42.8	49.21	26.267	0	0
"2010-03-24	03:00:00"	7.414	220.9	10.98	12.33	5.097	220.2	15.83	9.95	56.61	55.54	1.07	49.01	55.25	26.271	0	0
"2010-03-24	04:00:00"	6.383	263.4	21.5	9.95	4.186	268.3	25.93	8.16	55.07	54.02	1.053	53.08	59.35	26.263	0	0
"2010-03-24	05:00:00"	6.472	297.2	36.6	9.95	4.228	302	40.13	7.561	54.01	52.54	1.471	55.91	63.57	26.26	0	0
"2010-03-24	06:00:00"	6.046	298.1	25.52	10.54	2.673	299.9	34.16	6.964	52.5	51.05	1.449	58.67	66.73	26.269	0	0
"2010-03-24	07:00:00"	11.7	325.4	19.56	20.68	8.2	323.5	20.2	17.1	50.96	50.12	0.835	59	64.45	26.285	1.0072	0
"2010-03-24	08:00:00"	11.29	350.9	12.88	17.7	8.25	346.7	12.64	14.72	50.25	50.13	0.119	59.44	63.23	26.29	91.014	0
"2010-03-24	09:00:00"	14.41	341.3	15.21	22.47	11.12	337.9	14.99	17.7	53.54	54.4	-0.865	52.36	54.11	26.303	303.53	0
"2010-03-24	10:00:00"	18.55	320.2	50.55	29.03	14.32	318.8	43.09	24.86	56.78	58.05	-1.272	38.35	39.19	26.319	463.94	0
"2010-03-24	11:00:00"	10.29	169.6	83.6	114.9	11.45	237.5	77.88	68.99	58.02	58.28	-0.263	32.67	33.97	26.337	282.04	0.02

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-24	12:00:00"	16.95	331.2	14.66	25.45	13	330.5	15.19	21.87	55.25	57.06	-1.811	41.41	41.45	26.338	519.94	0.1
"2010-03-24	13:00:00"	16.32	0.498	20.42	29.03	13.35	356.6	23.54	24.26	55.12	57.59	-2.468	46.19	44.88	26.333	824.61	0
"2010-03-24	14:00:00"	15.54	355.7	16.81	26.05	12.69	352.7	18.99	24.26	56.18	58.92	-2.738	40.78	39.37	26.323	885.89	0
"2010-03-24	15:00:00"	15.55	352.8	17.15	28.43	12.7	349	18	24.26	57.37	59.77	-2.399	34.47	33.75	26.322	679.37	0
"2010-03-24	16:00:00"	17.16	353	16.22	26.05	13.89	349.1	16.73	23.66	55.85	57.3	-1.45	34.26	34.6	26.328	362.87	0
"2010-03-24	17:00:00"	17.14	350	14.58	26.65	13.69	346.3	17.23	24.26	55.42	57.21	-1.792	36.14	36.04	26.34	453.92	0
"2010-03-24	18:00:00"	21.31	351.3	13.3	35.59	16.79	347.3	14.12	30.82	53.97	54.51	-0.535	34.41	35.78	26.367	114.54	0
"2010-03-24	19:00:00"	19.24	349.2	12.84	33.21	15.06	345.4	13.25	29.63	50.09	50.3	-0.213	40.32	42.77	26.403	38.732	0
"2010-03-24	20:00:00"	18.45	1.94	12.78	30.82	14.43	356.4	14.13	27.24	46.76	46.64	0.123	43.24	46.7	26.433	1.2152	0
"2010-03-24	21:00:00"	18.17	1.021	12.6	29.03	14.17	356	15.39	24.86	42.04	41.87	0.169	52.15	56.28	26.456	0	0
"2010-03-24	22:00:00"	16.27	355	12.74	23.07	12.64	350.4	13.45	19.49	39.89	39.65	0.231	55.48	60.04	26.479	0	0
"2010-03-24	23:00:00"	13.61	342.4	8.7	20.68	10.58	339.9	10.68	17.7	38.62	38.33	0.294	60.59	65.39	26.498	0	0
"2010-03-25	00:00:00"	12.75	333.9	18.87	21.87	9.74	331	19.07	17.1	38.44	38.11	0.324	62.91	67.82	26.507	0	0
"2010-03-25	01:00:00"	8.44	315.6	18.46	13.52	5.717	313.7	18.23	11.74	37.42	36.87	0.551	66.66	72.16	26.523	0	0
"2010-03-25	02:00:00"	12.49	333.2	11.54	19.49	9.31	331	12.19	17.1	37.45	37.03	0.424	68.06	73.39	26.519	0	0
"2010-03-25	03:00:00"	12.58	329.8	6.788	17.1	9.31	328.3	8.99	14.72	36.64	36.23	0.406	70.3	75.7	26.513	0	0
"2010-03-25	04:00:00"	10.37	334.5	9.77	14.12	7.627	332.6	11.01	12.33	35.29	34.82	0.467	73.88	79.5	26.502	0	0
"2010-03-25	05:00:00"	7.703	317	15.22	13.52	4.6	313.6	16.11	9.95	34.29	33.69	0.606	76.16	82	26.512	0	0
"2010-03-25	06:00:00"	7.503	299.7	29.97	11.74	4.764	296.1	30.19	8.75	34.54	33.61	0.935	74.82	81.7	26.525	0	0
"2010-03-25	07:00:00"	7.641	300.9	12.89	11.14	4.055	302	15.8	6.368	34.19	32.84	1.348	73.5	81.5	26.546	1.9958	0
"2010-03-25	08:00:00"	10.64	309.1	10.45	13.52	6.445	309	12.18	10.54	34.46	34.35	0.104	74.29	79.83	26.568	98.487	0
"2010-03-25	09:00:00"	10.13	310.2	11.31	14.72	6.767	309.1	12.39	12.93	40.23	41.21	-0.983	61.61	64.31	26.594	312.57	0
"2010-03-25	10:00:00"	9.55	331.1	28.19	18.3	7.344	329.3	28.33	17.1	46.29	47.91	-1.618	45.8	47.13	26.6	530.75	0
"2010-03-25	11:00:00"	7.987	341.2	28.68	16.51	6.655	337.4	29.73	14.12	49.53	51.39	-1.854	37.49	38.14	26.593	714.7	0
"2010-03-25	12:00:00"	8.72	330.5	26.32	21.28	6.783	327.6	27.47	17.1	52.23	54.42	-2.191	34.08	34.25	26.575	847.83	0
"2010-03-25	13:00:00"	7.267	281.1	42.56	15.91	5.856	281.3	45.69	13.52	54.93	56.69	-1.767	31.28	31.7	26.551	915.73	0
"2010-03-25	14:00:00"	8.06	287.1	34.02	17.1	6.248	286.8	37.01	14.72	57.16	59.16	-1.992	28.26	28.43	26.523	908.56	0
"2010-03-25	15:00:00"	7.372	246	59.03	16.51	6.245	245.5	65.15	17.1	59.43	61.03	-1.597	26.07	26.34	26.488	831.33	0
"2010-03-25	16:00:00"	8.58	230.5	31.34	18.3	7.484	230.9	37.19	15.31	61.1	62.59	-1.49	23.7	23.95	26.461	708.66	0
"2010-03-25	17:00:00"	7.503	239.2	32.23	16.51	6.37	240	35.19	14.72	62.21	63.38	-1.163	21.66	22.07	26.438	522.23	0
"2010-03-25	18:00:00"	8.37	227	19.53	16.51	7.239	228.7	22.54	14.72	62.32	63.11	-0.788	21.32	21.96	26.427	295.96	0
"2010-03-25	19:00:00"	8.37	217.7	15.38	14.72	6.35	218.4	18.36	12.33	61.39	61.31	0.087	22.13	23.6	26.424	85.67	0
"2010-03-25	20:00:00"	7.998	171.6	15.5	11.14	4.486	164.4	16.35	6.964	56.34	54.13	2.21	26.21	30.63	26.42	1.085	0
"2010-03-25	21:00:00"	8.6	156.8	5.341	11.74	4.773	150	8.67	7.561	53.69	51.27	2.417	28.27	33.41	26.427	0	0
"2010-03-25	22:00:00"	9.89	157.9	5.837	13.52	6.189	154	7.561	8.75	52.12	50.53	1.591	29.51	33.85	26.43	0	0
"2010-03-25	23:00:00"	9.76	161.9	6.473	12.33	6.132	158.5	8.17	8.75	49.91	48.54	1.369	31.44	35.79	26.422	0	0
"2010-03-26	00:00:00"	11.35	173.9	6.733	16.51	7.616	169.9	8.61	12.93	47.58	46.46	1.113	35.03	39.26	26.411	0	0
"2010-03-26	01:00:00"	7.723	184.8	10.29	12.33	4.516	185.9	16.72	9.35	45.6	43.85	1.742	38.03	44.3	26.401	0	0
"2010-03-26	02:00:00"	9.83	182.5	9.4	15.31	6.562	183.8	13.34	11.14	45.2	44	1.196	38.68	44.26	26.378	0	0
"2010-03-26	03:00:00"	8.6	182.8	8.08	12.33	5.549	183.5	12.25	8.75	43.91	42.68	1.23	40.1	46.04	26.357	0	0
"2010-03-26	04:00:00"	8.23	188.7	6.698	11.74	4.984	193	11.06	8.16	43.66	41.69	1.97	40.27	47.84	26.336	0	0
"2010-03-26	05:00:00"	8.74	182.1	8.42	13.52	5.848	182	11.63	9.95	43.31	42.08	1.235	42.64	48.71	26.322	0	0
"2010-03-26	06:00:00"	11.59	186.4	8.72	19.49	8.48	186.5	12.18	15.31	45.36	44.54	0.825	41.19	46.21	26.316	0	0
"2010-03-26	07:00:00"	12.92	187.1	9.24	20.68	9.47	187.5	12.22	16.51	45.57	44.89	0.688	40.44	45.09	26.31	2.739	0
"2010-03-26	08:00:00"	13.98	186.2	7.806	22.47	10.66	185.6	10.83	18.3	47.66	47.5	0.161	37.96	41.3	26.316	107.12	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-26	09:00:00"	18.18	185.8	8.1	27.24	14.16	183.2	10.97	21.28	52.46	52.91	-0.443	32.47	34.32	26.315	293.97	0
"2010-03-26	10:00:00"	19.49	185.2	8.69	27.24	15.35	182.7	11.75	23.07	57.07	58.17	-1.1	28.06	28.96	26.305	529.65	0
"2010-03-26	11:00:00"	20.17	194.5	11.38	29.03	15.65	193.2	14.94	24.86	63.34	64.9	-1.566	22.4	22.56	26.286	723.92	0
"2010-03-26	12:00:00"	21.22	211.6	12.73	31.42	16.41	211.7	15.8	27.84	68.62	70.62	-2	17.74	17.36	26.26	863.56	0
"2010-03-26	13:00:00"	24.21	215.1	10.69	37.38	18.73	215.5	13.84	29.63	72.66	74.78	-2.124	14.43	13.75	26.21	929.82	0
"2010-03-26	14:00:00"	27.77	221	14.67	39.17	22.03	221.9	17.22	35.59	76.02	77.93	-1.913	10.59	9.82	26.156	909.6	0
"2010-03-26	15:00:00"	28.08	220.8	11.13	43.35	22.01	221.7	13.86	36.19	78.7	80.4	-1.701	7.606	6.792	26.103	845.77	0
"2010-03-26	16:00:00"	28.98	225.3	11.64	46.92	22.95	226.7	14.01	39.77	79.89	81.3	-1.391	6.349	5.513	26.058	717.34	0
"2010-03-26	17:00:00"	32.15	241.3	13.5	50.5	26.48	243.3	15.59	46.92	81.3	81.9	-0.627	4.848	4.015	26.019	511.03	0
"2010-03-26	18:00:00"	35.16	245.1	9.83	51.1	29.91	247.3	11.79	47.52	80.8	80.7	0.087	4.542	3.849	25.988	244.51	0
"2010-03-26	19:00:00"	32.23	242.6	8.04	54.08	28.1	244.3	10.13	47.52	78.94	78.47	0.462	3.676	3.232	25.981	53.982	0.01
"2010-03-26	20:00:00"	29.49	249.6	9.67	44.54	24.75	251.5	11.6	42.15	76.64	76.05	0.587	3.186	3.002	26.008	1.0454	0
"2010-03-26	21:00:00"	35.82	281.2	9.66	58.85	24.85	282.6	11.38	45.73	72.18	71.61	0.569	4.738	4.954	26.065	0	0
"2010-03-26	22:00:00"	29.5	280.7	8.45	47.52	20.64	281.9	10.8	44.54	66.61	66.07	0.543	8.07	8.88	26.133	0	0
"2010-03-26	23:00:00"	19.14	288.3	8.54	37.38	12.06	289	10.31	27.84	62.6	61.94	0.662	10.72	12.02	26.173	0	0
"2010-03-27	00:00:00"	18.17	290.5	8.06	26.05	10.98	291.2	10.22	20.09	59.9	59.23	0.674	14.95	16.61	26.192	0	0
"2010-03-27	01:00:00"	14.99	300.3	9.57	24.26	8.48	300.8	11.66	16.51	57.02	56.22	0.805	17.24	19.36	26.187	0	0
"2010-03-27	02:00:00"	12.43	290.6	13.92	18.3	7.331	291.3	15.36	13.52	54.05	53.11	0.939	18.59	21.19	26.192	0	0
"2010-03-27	03:00:00"	10.77	299.5	10.11	17.1	5.902	300.3	12.14	11.14	51.63	50.57	1.06	21.55	24.56	26.209	0	0
"2010-03-27	04:00:00"	8.37	294.7	40.95	14.12	5.569	291.7	47.81	10.54	49.92	48.47	1.451	25.49	29.13	26.213	0	0
"2010-03-27	05:00:00"	8.78	281	12.07	13.52	5.644	280.4	14.68	10.54	48.81	47.41	1.399	29.13	32.97	26.225	0	0
"2010-03-27	06:00:00"	8.88	277.4	24.16	21.87	6.081	275.1	25.81	17.1	47.31	46.06	1.246	34.61	38.46	26.251	0	0
"2010-03-27	07:00:00"	20.09	313.3	8.49	33.21	12.62	313	10.74	25.45	49.21	48.58	0.629	28.47	31.55	26.272	2.9993	0
"2010-03-27	08:00:00"	17.64	309.6	8.23	26.65	10.54	308.6	10.29	21.87	48.99	48.84	0.152	26.67	29.28	26.309	111.21	0
"2010-03-27	09:00:00"	24.99	318.3	8.69	39.17	17.07	317.5	10.67	31.42	51.28	51.93	-0.652	27.78	29.48	26.336	328.98	0
"2010-03-27	10:00:00"	25.56	324.7	9.93	36.78	18.67	323.5	11.43	29.63	53.89	55.23	-1.347	25.58	26.56	26.357	546.04	0
"2010-03-27	11:00:00"	22.1	321.2	14.73	33.21	15.51	320.2	15.4	27.84	55.79	57.81	-2.025	24.91	25.24	26.371	729.41	0
"2010-03-27	12:00:00"	20.95	328.6	14.17	33.8	15.84	326.7	14.82	27.84	57.9	60.31	-2.414	23.87	23.8	26.375	860.18	0
"2010-03-27	13:00:00"	19.62	327	17.49	30.82	14.66	326.1	17.57	27.84	59.76	62.48	-2.722	21.33	21.07	26.374	928.34	0
"2010-03-27	14:00:00"	17.99	335.6	17.95	30.22	13.88	333.3	17.98	25.45	61.23	63.86	-2.626	18.31	18.15	26.371	822.79	0
"2010-03-27	15:00:00"	17.42	332.8	17.58	30.82	13.19	330.9	18.39	26.05	61.72	64.08	-2.364	16.71	16.77	26.373	725.37	0
"2010-03-27	16:00:00"	21.43	1.701	15.64	35	16.99	357.3	17.74	27.84	60.4	62.01	-1.613	21.47	21.65	26.386	428.66	0
"2010-03-27	17:00:00"	21.55	9.28	15.02	33.21	16.89	5.175	20.11	29.03	58.79	59.92	-1.126	25.29	25.78	26.415	291.11	0
"2010-03-27	18:00:00"	18.31	3.874	13.5	32.61	14.42	358.6	16.21	25.45	58.43	59.07	-0.638	25.57	26.5	26.438	184.45	0
"2010-03-27	19:00:00"	13.97	358.7	14.22	24.26	10.95	353.5	13.48	20.09	57.19	57.1	0.091	25.66	27.36	26.463	49.506	0
"2010-03-27	20:00:00"	11.7	4.385	11.79	15.91	8.61	358.4	13.31	14.12	53.69	52.91	0.777	27.67	30.37	26.489	1.2616	0
"2010-03-27	21:00:00"	10.51	6.534	8.22	14.12	7.52	1.074	12.03	11.14	49.78	48.87	0.91	33.7	37.03	26.523	0	0
"2010-03-27	22:00:00"	10.87	9.4	5.79	14.12	7.39	5.514	11.7	11.74	46.58	45.49	1.083	38.52	43.28	26.555	0	0
"2010-03-27	23:00:00"	12.11	6.427	7.905	16.51	8.67	1.27	12.2	13.52	46.02	45.08	0.935	39.42	44.3	26.576	0	0
"2010-03-28	00:00:00"	10.79	6.781	9.1	14.72	7.925	1.439	14.58	12.33	44.93	44.15	0.778	41.63	46.43	26.592	0	0
"2010-03-28	01:00:00"	9.91	5.507	9.87	14.12	6.419	0.091	11.89	9.95	42.68	41.17	1.511	47.46	53.91	26.599	0	0
"2010-03-28	02:00:00"	12.98	4.53	10.3	17.7	9.74	358.9	13.6	15.31	42.27	41.64	0.636	51.38	56.42	26.593	0	0
"2010-03-28	03:00:00"	14.95	5.712	11.67	21.87	11.39	0.144	14.05	17.1	43.1	42.57	0.53	51.57	56.33	26.593	0	0
"2010-03-28	04:00:00"	15.83	7.341	10.76	23.66	12.19	1.969	14.21	18.89	42.84	42.36	0.479	49.86	54.57	26.595	0	0
"2010-03-28	05:00:00"	15.78	10.56	7.866	21.87	12.03	6.399	13.77	18.89	42.29	41.79	0.504	50.52	55.35	26.602	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-28	06:00:00"	12.55	4.227	12.23	19.49	9.28	357.8	12.4	15.31	42.26	41.54	0.718	50.44	55.71	26.62	0
"2010-03-28	07:00:00"	10.74	352.9	13.24	17.7	7.714	347.4	13.3	15.31	41.42	40.5	0.923	52.3	58.11	26.64	3.1059
"2010-03-28	08:00:00"	9.69	321.6	8.2	13.52	6.54	318.9	9.01	11.74	39.55	39.2	0.347	56.05	61.09	26.666	109.19
"2010-03-28	09:00:00"	10.35	337.2	12.92	15.91	8.31	334.5	13.29	12.33	45.67	46.8	-1.128	45.98	47.9	26.688	323.78
"2010-03-28	10:00:00"	14.57	5.433	14.02	22.47	11.8	0.722	16.39	20.09	52.46	54.08	-1.616	34.56	35.2	26.7	540.7
"2010-03-28	11:00:00"	15.82	5.442	13.69	23.07	12.91	0.844	18.54	21.87	55.29	57.4	-2.115	28.91	29.1	26.7	729.97
"2010-03-28	12:00:00"	13.71	358.4	17.85	24.26	11.27	354.7	19.58	20.68	57.49	59.96	-2.473	26.07	25.91	26.684	862.72
"2010-03-28	13:00:00"	12.79	343.2	25.06	21.87	10.31	340.7	25.37	19.49	59.35	61.92	-2.575	23.58	23.29	26.661	929.89
"2010-03-28	14:00:00"	11.81	341.6	25.27	24.86	9.59	338.7	26.33	21.28	60.88	63.49	-2.612	21.43	21.16	26.629	908.12
"2010-03-28	15:00:00"	12.48	325.2	30.2	33.21	9.33	323.2	30.85	27.24	62.35	64.85	-2.498	19.69	19.48	26.598	845.46
"2010-03-28	16:00:00"	11.03	318.5	25.78	23.07	8.06	317.9	28.39	18.89	62.98	65.14	-2.163	19.87	19.73	26.575	711.91
"2010-03-28	17:00:00"	10.38	299.2	25.14	20.68	7.785	299.3	27.76	17.7	63.45	65.07	-1.626	19.58	19.68	26.559	527.46
"2010-03-28	18:00:00"	9.37	317.2	30.33	20.09	6.939	314.9	32.28	16.51	63.82	64.93	-1.106	18.26	18.64	26.547	307.11
"2010-03-28	19:00:00"	7.458	313.9	16.84	14.72	4.935	314.4	16.43	11.74	63.16	63.13	0.038	18.24	19.44	26.542	95.229
"2010-03-28	20:00:00"	6.814	286.9	6.324	9.35	3.17	295.1	8.69	5.175	60.49	57.52	2.974	21.25	25.15	26.546	1.8449
"2010-03-28	21:00:00"	6.289	277.5	10.66	9.35	3.009	294.6	15.2	7.561	57.28	53.35	3.932	22.65	28.48	26.555	0
"2010-03-28	22:00:00"	4.071	262.1	8.52	6.368	2.139	296	25.81	3.982	55.47	51.65	3.824	23.69	29.4	26.557	0
"2010-03-28	23:00:00"	4.291	226.1	12.9	6.368	2.122	196.1	29.59	3.982	52.83	49.56	3.273	25.99	31.65	26.551	0
"2010-03-29	00:00:00"	5.157	237.8	4.025	6.368	3.612	239.2	5.016	4.578	51.66	49.22	2.432	26.89	31.95	26.543	0
"2010-03-29	01:00:00"	5.561	233.7	5.057	6.964	3.51	232.7	8.08	4.578	49.76	47.06	2.701	28.72	34.23	26.536	0
"2010-03-29	02:00:00"	7.041	235.2	4.375	9.35	4.559	234.8	7.102	6.368	48.94	45.46	3.481	29.42	36.75	26.526	0
"2010-03-29	03:00:00"	7.935	238.7	4.331	9.35	5.104	236.2	8.65	6.368	47.52	43.94	3.583	31.15	38.8	26.509	0
"2010-03-29	04:00:00"	7.922	250.2	11.05	11.14	5.107	254.8	14.5	7.561	46.95	44.32	2.634	32.11	38.43	26.496	0
"2010-03-29	05:00:00"	7.48	266	4.522	9.35	4.86	271.5	6.108	6.368	47.37	44.69	2.684	32.02	38.34	26.483	0
"2010-03-29	06:00:00"	7.124	257	4.429	8.16	4.383	259.1	4.587	5.175	47.1	43.75	3.357	32.38	39.64	26.477	0
"2010-03-29	07:00:00"	6.081	247.5	5.185	6.964	4.247	248.1	8.81	5.175	46.49	42.91	3.577	33	41.14	26.478	3.5909
"2010-03-29	08:00:00"	5.015	257.9	11.54	6.964	3.397	257.9	15.86	5.175	45.64	44.33	1.308	35.09	41.5	26.489	113.93
"2010-03-29	09:00:00"	6.358	228.9	14.12	9.95	5.699	228.6	16.39	9.35	50.91	51.45	-0.535	31.33	33.53	26.498	331.07
"2010-03-29	10:00:00"	8.11	224.3	13.7	14.72	7.145	226.3	16.98	12.33	57.27	58.26	-0.984	24.78	26.02	26.494	554.09
"2010-03-29	11:00:00"	10.62	218.3	12.41	15.31	9.03	219.6	15.73	14.12	64.11	65.64	-1.525	18.99	19.37	26.483	744.68
"2010-03-29	12:00:00"	12.16	217.4	20.45	19.49	10.35	218.1	23.66	17.7	67.35	69.17	-1.82	15.76	15.74	26.463	879.28
"2010-03-29	13:00:00"	11.97	218.6	19.73	21.87	10.13	218.7	22.82	19.49	69.58	71.5	-1.923	11.91	11.84	26.434	951.28
"2010-03-29	14:00:00"	14.41	211.1	14.96	23.07	11.73	210.6	18.22	20.68	71.4	73.7	-2.303	9.5	9.28	26.401	932.69
"2010-03-29	15:00:00"	14.96	235.9	17.4	24.26	12.83	237.9	19.71	23.07	73.39	75.48	-2.088	8.71	8.35	26.36	874.91
"2010-03-29	16:00:00"	16.21	224.6	15.46	26.65	13.38	225.9	18.75	23.07	75.22	77.12	-1.897	8.27	7.803	26.322	739.33
"2010-03-29	17:00:00"	17.16	226.3	14.58	30.22	14.02	227	17.11	24.26	76.03	77.4	-1.373	7.254	6.838	26.297	550.11
"2010-03-29	18:00:00"	15.18	231.2	13.43	23.66	12.53	232.2	16.03	19.49	76.49	77.13	-0.648	6.643	6.361	26.284	325.31
"2010-03-29	19:00:00"	12.2	232.5	7.799	18.89	9.91	234.6	9.62	16.51	75.12	74.71	0.416	7.789	7.916	26.286	103.38
"2010-03-29	20:00:00"	7.495	211.4	14.34	11.74	4.577	204.4	19.6	9.35	70.54	68.06	2.477	10.31	11.88	26.289	2.2423
"2010-03-29	21:00:00"	9.03	183.7	5.945	14.12	5.333	173.9	9.23	9.35	66.56	63.01	3.546	11.96	14.98	26.297	0
"2010-03-29	22:00:00"	10.35	188.7	6.981	14.72	6.623	191.8	11.26	11.14	62.62	60.39	2.236	13.28	15.94	26.308	0
"2010-03-29	23:00:00"	7.177	197.5	8.4	9.95	4.226	202.7	10.31	5.771	58.27	55.24	3.027	15.5	19.52	26.314	0
"2010-03-30	00:00:00"	6.306	224.5	8.98	7.561	4.111	223.3	12.17	5.175	56.62	53.5	3.118	16.56	20.77	26.307	0
"2010-03-30	01:00:00"	5.791	224.2	24.57	8.16	3.741	210.1	39.36	5.175	55.62	51.99	3.631	17.53	22.48	26.305	0
"2010-03-30	02:00:00"	8.68	187	14.6	11.74	5.167	189.2	21.2	7.561	50.87	47.44	3.433	20.59	26.79	26.301	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-03-30	03:00:00"	7.648	241.3	11.67	10.54	4.938	250.2	14.08	6.964	51.09	47.81	3.284	20.25	26.16	26.291	0	0
"2010-03-30	04:00:00"	6.89	226.7	20.57	9.35	4.659	227.2	26.05	6.368	50.89	47.34	3.547	19.89	26.14	26.274	0	0
"2010-03-30	05:00:00"	10	204.5	7.701	12.33	5.839	203.1	12.18	7.561	49.14	44.51	4.627	20.85	29.25	26.263	0	0
"2010-03-30	06:00:00"	8.35	237.5	14.14	11.14	5.302	243	14.76	8.16	48.45	44.94	3.512	21.31	27.84	26.265	0	0
"2010-03-30	07:00:00"	7.843	230.4	14.63	9.95	4.981	227.7	22.93	6.368	47.48	42.9	4.576	22.02	30.42	26.269	3.1687	0
"2010-03-30	08:00:00"	8.22	210.3	8.39	9.95	5.364	207.8	13.04	8.16	46.61	44.95	1.662	24.05	30.3	26.278	117.39	0
"2010-03-30	09:00:00"	10.49	217.8	7.583	15.91	8.33	218.6	10.7	14.12	54.2	54.83	-0.629	19.54	21.67	26.295	347.18	0
"2010-03-30	10:00:00"	14.7	221.3	9.37	21.28	11.82	221.8	12.82	18.3	63.65	64.87	-1.226	14.26	15.1	26.298	572.51	0
"2010-03-30	11:00:00"	14.1	222	11.28	21.28	11.65	223.2	14.6	18.89	70.86	72.46	-1.602	11.23	11.28	26.303	761.58	0
"2010-03-30	12:00:00"	14.4	235.5	12.22	23.07	12.69	236.8	14.37	20.09	76.29	77.92	-1.633	8.61	8.16	26.299	863.85	0
"2010-03-30	13:00:00"	14.44	232.1	16.51	25.45	12.17	233.2	19.71	21.28	79.72	81.7	-2.015	6.857	6.141	26.278	963.82	0
"2010-03-30	14:00:00"	14.19	228.6	16.4	26.05	12.04	230.2	18.91	23.07	81.7	83.7	-1.996	5.989	5.099	26.256	944.56	0
"2010-03-30	15:00:00"	12.23	231.9	17.56	23.07	10.61	232.6	20.5	20.68	83.1	84.9	-1.789	5.002	4.063	26.235	887.95	0
"2010-03-30	16:00:00"	12.78	239.6	19.44	21.87	10.85	241.1	21.91	20.09	84.9	86.6	-1.623	4.133	3.108	26.204	765.29	0
"2010-03-30	17:00:00"	14.66	232.2	16.14	24.26	12.44	233.4	18.87	24.86	85.3	86.4	-1.087	4.193	3.136	26.182	506.43	0
"2010-03-30	18:00:00"	14.96	228.4	12.97	25.45	12.17	229.6	15.66	20.68	85.4	85.7	-0.324	5	4.036	26.171	281.19	0
"2010-03-30	19:00:00"	17.33	224.7	9.72	25.45	13.51	225.5	12.01	22.47	83.8	83.5	0.286	6.2	5.41	26.171	117.59	0
"2010-03-30	20:00:00"	14.77	218.2	6.806	20.09	10.77	219	9.97	15.91	77.86	76.72	1.135	7.335	7.39	26.18	3.4461	0
"2010-03-30	21:00:00"	11.22	218.5	7.545	18.3	7.688	218.7	10.67	14.12	71.8	70.19	1.614	9.51	10.48	26.203	0	0
"2010-03-30	22:00:00"	9.55	219.4	6.489	14.12	5.978	218.3	10.04	11.74	69.16	66.44	2.721	10.99	13.08	26.23	0	0
"2010-03-30	23:00:00"	10.88	224.5	7.025	15.31	7.354	226.3	10.07	11.14	66.38	64.45	1.926	12.85	14.8	26.229	0	0
"2010-03-31	00:00:00"	9.55	227.5	13.92	17.1	6.262	232.8	17.99	12.33	63.52	60.95	2.572	14.96	17.86	26.233	0	0
"2010-03-31	01:00:00"	9.7	198.6	10.81	15.31	6.503	200.3	14.08	11.74	59.6	58.16	1.439	18.86	21.27	26.242	0	0
"2010-03-31	02:00:00"	8.2	194.3	9.74	10.54	4.843	191.5	14.42	6.964	58.15	55.38	2.776	22.39	26.41	26.243	0	0
"2010-03-31	03:00:00"	6.989	192.2	7.512	9.95	4.165	193.8	13.21	5.771	55.93	53.1	2.828	24.45	28.85	26.239	0	0
"2010-03-31	04:00:00"	9.16	188.2	5.184	12.33	5.466	190.2	10.72	8.75	54.48	50.83	3.649	26.38	32.06	26.233	0	0
"2010-03-31	05:00:00"	8.49	191	5.288	11.14	4.941	195.9	11.72	6.964	52.28	48.79	3.486	29.65	35.72	26.237	0	0
"2010-03-31	06:00:00"	7.296	210.1	16.03	9.95	4.562	221.5	21.67	5.771	52.16	48.62	3.543	30.11	36.32	26.248	0	0
"2010-03-31	07:00:00"	5.745	225.5	17.35	8.16	3.929	232.9	24.76	5.771	52.19	49.37	2.818	29.5	35.09	26.263	4.7246	0
"2010-03-31	08:00:00"	6.418	253.9	17.1	13.52	4.064	256.5	25.77	9.35	55.68	53.5	2.18	25.15	31.22	26.28	127.99	0
"2010-03-31	09:00:00"	9.74	248.9	12.01	20.09	8.22	249.8	13.28	18.89	66.82	67.02	-0.207	18.44	19.55	26.287	349.82	0
"2010-03-31	10:00:00"	18.14	263.5	11.05	28.43	14.25	265	12.99	24.26	75.31	76.27	-0.953	12.22	12.05	26.289	569.9	0
"2010-03-31	11:00:00"	22.55	263.2	10.66	32.61	17.92	265.3	12.35	30.22	78.05	79.51	-1.457	10.15	9.54	26.293	758.38	0
"2010-03-31	12:00:00"	19.13	262.2	14.51	30.82	15.4	263.8	15.58	26.65	79.68	81.6	-1.912	8.43	7.661	26.286	891.41	0
"2010-03-31	13:00:00"	16.66	242.1	18.63	31.42	14.13	243.4	20.64	27.24	81.7	83.7	-2.008	7.728	6.747	26.268	955.75	0
"2010-03-31	14:00:00"	19.69	223.8	14.66	30.82	16.23	224	17.3	26.65	82.9	85.1	-2.143	7.188	6.037	26.249	932.4	0
"2010-03-31	15:00:00"	21.87	227.4	13.57	36.19	17.81	228.6	15.76	28.43	85.3	87.2	-1.9	6.262	4.956	26.223	848.36	0
"2010-03-31	16:00:00"	21.28	227.9	13.27	34.4	17.27	229	15.59	30.22	86	87.7	-1.659	6.689	5.344	26.204	730.21	0
"2010-03-31	17:00:00"	22.18	222.1	12.05	36.19	17.42	222.6	14.37	29.03	86.6	87.8	-1.186	5.184	3.915	26.191	552.85	0
"2010-03-31	18:00:00"	22.15	220.5	10.56	33.21	17.04	221.1	13.28	27.84	86	86.2	-0.28	4.786	3.7	26.188	268.19	0
"2010-03-31	19:00:00"	13.56	231.4	11.82	24.26	10.61	232.7	13.23	21.28	83.1	82.3	0.812	5.992	5.454	26.191	60.386	0
"2010-03-31	20:00:00"	9.21	261.1	9.95	14.12	6.277	262.6	11.16	11.74	79.18	76.76	2.412	7.503	8.08	26.193	3.0418	0
"2010-03-31	21:00:00"	7.71	165.8	31.03	12.93	4.107	154.9	26.34	9.35	74.05	69.84	4.212	10.16	12.37	26.211	0	0
"2010-03-31	22:00:00"	8.12	152.5	10.11	14.12	4.575	145.2	12.43	9.35	71.41	68.51	2.897	20.91	22.71	26.222	0	0
"2010-03-31	23:00:00"	15.32	168.4	8.54	24.26	11.47	164.4	10.41	18.3	68.31	67.34	0.963	30.14	31.48	26.227	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-01	00:00:00"	13.28	182.6	7.432	21.28	9.72	181.2	10.5	18.3	66.96	66.11	0.857	37.38	39.03	26.232	0	0
"2010-04-01	01:00:00"	10	198.1	13.92	14.72	6.538	199.7	17.99	11.14	63.55	62.14	1.417	43.88	47.2	26.231	0	0
"2010-04-01	02:00:00"	8.46	187.7	7.957	12.93	5.037	192	12.36	9.95	61.39	59.08	2.309	46.78	52.01	26.216	0	0
"2010-04-01	03:00:00"	8.38	243.6	19.16	12.33	5.942	250.7	19.44	9.95	61.21	59.26	1.949	46.41	51.15	26.211	0	0
"2010-04-01	04:00:00"	8.73	210.5	11.49	12.93	5.747	216.2	15.57	8.75	61.36	59.33	2.026	46.71	51.54	26.197	0	0
"2010-04-01	05:00:00"	7.837	203.1	5.448	10.54	4.584	208.9	8.53	6.368	58.19	55.45	2.74	52.63	59.2	26.186	0	0
"2010-04-01	06:00:00"	7.733	204.8	5.467	9.95	4.746	211.8	8.82	6.964	55.2	52.73	2.468	59.39	65.73	26.19	0	0
"2010-04-01	07:00:00"	8.1	195.9	7.217	11.74	4.861	198.3	13.66	8.75	53.17	51.21	1.965	66.68	72.59	26.2	5.9248	0
"2010-04-01	08:00:00"	9.15	196.1	8.81	16.51	6.66	198.2	13.16	12.93	55.11	54.82	0.286	68.99	71.92	26.211	134.05	0
"2010-04-01	09:00:00"	13.15	191	9.15	18.3	10.23	189.4	11.9	14.72	63.08	63.45	-0.366	53.98	55.01	26.212	232.61	0
"2010-04-01	10:00:00"	13.43	194.1	9.98	18.89	10.51	192.2	13.35	15.91	65.49	66.09	-0.606	49	49.4	26.21	295.87	0
"2010-04-01	11:00:00"	14.61	185.4	9.69	22.47	11.67	183.6	12.49	17.7	69.22	70.25	-1.024	42.9	42.35	26.192	428.69	0
"2010-04-01	12:00:00"	17.38	183.8	10.86	25.45	13.82	181.4	13.69	23.07	73.96	75.33	-1.369	31.56	30.66	26.16	628.2	0
"2010-04-01	13:00:00"	18.11	196.8	12.02	27.24	14.18	195.5	15.35	23.66	77.88	79.32	-1.436	24.01	22.83	26.125	595.25	0
"2010-04-01	14:00:00"	19.99	208	11.4	32.01	15.38	207.7	14.65	27.24	79.54	80.6	-1.08	15.7	14.89	26.094	467.78	0
"2010-04-01	15:00:00"	23.55	224.5	10.26	35	18.68	225.5	12.91	30.22	81.3	82.2	-0.85	8.46	7.711	26.06	485.66	0
"2010-04-01	16:00:00"	24.02	225.9	9.44	36.19	19.06	226.9	11.87	30.22	81.2	81.7	-0.569	6.998	6.296	26.033	344.25	0
"2010-04-01	17:00:00"	23.28	224.1	9.06	36.19	18.25	224.9	11.29	30.82	80.2	80.6	-0.324	6.54	5.991	26.028	284.9	0
"2010-04-01	18:00:00"	23.33	216.2	8.79	37.38	17.68	216.7	12.14	30.82	80.8	81.1	-0.266	6.577	6.01	26.011	276.26	0
"2010-04-01	19:00:00"	22.69	212.4	7.827	38.57	16.94	212.6	11.56	32.61	80.1	79.79	0.339	5.775	5.31	26.001	96.882	0
"2010-04-01	20:00:00"	12.7	209.5	13.49	24.26	8.92	211	17.19	17.7	75.63	74.31	1.32	7.253	7.661	26.008	1.307	0
"2010-04-01	21:00:00"	8.39	224.9	36.7	21.87	6.283	224.2	40.83	17.1	71.39	70.17	1.22	11.31	12.07	26.054	0	0
"2010-04-01	22:00:00"	5.556	245.1	13.98	8.75	4.102	239.6	17.8	7.561	69.65	68.15	1.493	17.59	19.03	26.089	0	0
"2010-04-01	23:00:00"	8.22	272.6	18.38	15.31	5.45	273.8	20.05	11.74	67.86	66.54	1.323	19.35	20.99	26.117	0	0
"2010-04-02	00:00:00"	11.91	4.512	31.85	18.3	8.69	3.442	31.85	15.91	61.59	61.16	0.431	28.32	29.83	26.141	0	0
"2010-04-02	01:00:00"	12.48	10.32	9.53	20.68	9.51	6.367	14.6	17.7	56.85	56.58	0.273	35.1	37.01	26.169	0	0
"2010-04-02	02:00:00"	9.7	347.8	10.67	14.12	7.017	344.6	10.42	11.74	55.11	54.35	0.752	34.82	37.53	26.196	0	0
"2010-04-02	03:00:00"	13.82	326.2	10.15	21.28	9.47	325.1	11.44	18.3	52.9	51.98	0.922	34.18	37.42	26.204	0	0
"2010-04-02	04:00:00"	11.68	315.9	7.035	17.7	7.492	316.4	9.18	15.31	49.8	49.02	0.774	34.65	37.91	26.215	0	0
"2010-04-02	05:00:00"	8.91	301.9	7.125	12.93	4.191	302.7	9.35	6.964	47.3	45.99	1.317	37.36	42.11	26.228	0	0
"2010-04-02	06:00:00"	6.722	273.2	23.45	8.75	3.539	271.5	29.09	5.771	46.83	44.27	2.561	38.47	45.7	26.237	0	0
"2010-04-02	07:00:00"	8.03	236.8	14.69	14.72	5.774	234	20.06	12.93	43.69	42.33	1.359	44.67	50.6	26.248	5.6942	0
"2010-04-02	08:00:00"	16.55	276.7	8.49	25.45	12.48	277.9	10.59	21.28	47.64	47.69	-0.051	43.48	46.6	26.27	132.92	0
"2010-04-02	09:00:00"	18.36	286.4	10.67	26.05	12.44	287.1	12.25	21.87	50.76	51.66	-0.899	35.64	37.21	26.294	351.84	0
"2010-04-02	10:00:00"	17.54	307.1	12.33	27.24	11.29	306.4	14.06	18.89	53.22	54.86	-1.636	26.73	27.66	26.311	571.76	0
"2010-04-02	11:00:00"	17.92	304.8	11.52	27.24	11.11	303.8	13.1	21.28	55.9	58.09	-2.183	15.73	16.73	26.324	761.72	0
"2010-04-02	12:00:00"	17.4	305	14.97	30.22	11.41	304.3	16.17	23.07	57.57	60.02	-2.451	8.69	9.88	26.331	897.76	0
"2010-04-02	13:00:00"	16.52	294.1	17.28	27.84	11.62	294	18.24	23.66	58.36	60.97	-2.61	9.34	10.3	26.335	960.86	0
"2010-04-02	14:00:00"	15.81	292.2	21.55	29.03	11.43	292.3	22.61	24.26	59.47	62.07	-2.604	9.08	9.94	26.324	939.23	0
"2010-04-02	15:00:00"	16.98	294.7	18.44	31.42	11.42	294.6	19.58	23.07	60.73	63.41	-2.68	9.28	9.96	26.3	889.15	0
"2010-04-02	16:00:00"	14.28	286.6	21.95	26.65	10.09	287.9	22.3	21.87	61.22	63.05	-1.823	9.83	10.59	26.287	512.06	0
"2010-04-02	17:00:00"	16.06	290.9	19.99	33.21	10.84	292.3	21.15	29.03	62.79	64.29	-1.499	8.82	9.58	26.28	552.34	0
"2010-04-02	18:00:00"	20.8	305	13.64	32.61	13.03	304.9	14.77	24.26	62.95	64	-1.056	8.55	9.32	26.297	331.45	0
"2010-04-02	19:00:00"	18.37	308.1	8.14	34.4	10.9	307.9	10.73	27.84	61.3	61.38	-0.073	10.27	11.4	26.321	111.07	0
"2010-04-02	20:00:00"	8.64	320.6	6.232	14.12	4.959	328.7	12.31	11.14	58.16	54.84	3.323	12.47	15.82	26.334	2.3199	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-02	21:00:00"	6.618	317.8	6.8	8.16	3.971	320.4	9.81	5.771	57.37	52.81	4.559	13.19	17.31	26.35	0	0
"2010-04-02	22:00:00"	5.526	325.7	7.913	6.964	4.449	350.5	13.74	5.771	57.92	48.95	8.97	13.11	20.54	26.358	0	0
"2010-04-02	23:00:00"	7.817	346.7	12.48	15.31	5.507	353.1	13.71	9.95	53.36	46.99	6.367	16.08	23.02	26.378	0	0
"2010-04-03	00:00:00"	9.99	10.99	6.009	11.74	5.306	11.69	12.72	6.964	46.8	42.86	3.942	22.52	28.71	26.385	0	0
"2010-04-03	01:00:00"	8.96	9.59	3.542	11.74	4.579	8.24	7.869	7.561	46.05	41.04	5.011	24.13	31.77	26.383	0	0
"2010-04-03	02:00:00"	7.636	20.76	4.999	10.54	3.63	31.43	19.23	5.175	45.21	39.58	5.625	25.68	34.12	26.379	0	0
"2010-04-03	03:00:00"	8.57	20.95	3.395	9.95	4.183	22.7	11.76	5.771	46.27	38.22	8.06	25.58	36.79	26.361	0	0
"2010-04-03	04:00:00"	6.843	33.77	10.66	8.75	4.048	21.63	10.49	5.175	47	39.07	7.921	24.89	36.15	26.351	0	0
"2010-04-03	05:00:00"	4.549	73.84	21.08	5.771	3.246	29.69	26.66	4.578	47.39	39.83	7.555	24.54	35.15	26.355	0	0
"2010-04-03	06:00:00"	6.52	107.6	4.882	8.75	3.997	60.01	11.55	5.771	47.07	40.86	6.216	25.39	34.14	26.36	0	0
"2010-04-03	07:00:00"	8.55	130.9	12.08	11.74	4.77	119.7	21.09	8.75	45.4	42	3.399	27.6	34.92	26.362	3.0598	0
"2010-04-03	08:00:00"	8.65	151.9	7.406	12.33	6.547	149.1	8.37	9.95	46.83	46.61	0.218	27.71	30.88	26.385	55.989	0
"2010-04-03	09:00:00"	9.68	169.2	11.39	13.52	7.817	166.6	13.13	11.74	50.2	50.52	-0.319	25.57	27.9	26.387	180.45	0
"2010-04-03	10:00:00"	12.87	176	9.47	20.09	10.48	172.6	12.48	17.7	54.15	54.96	-0.814	21.76	23.35	26.381	352.8	0
"2010-04-03	11:00:00"	16.85	198.1	11.14	24.26	13.2	197.4	14.68	20.09	58.4	59.74	-1.334	18.1	19.06	26.374	503.85	0
"2010-04-03	12:00:00"	20.45	201	10.22	28.43	15.8	200.2	13.8	24.26	61.47	63.24	-1.774	15.6	16.15	26.357	698.78	0
"2010-04-03	13:00:00"	20.61	208.4	12.08	30.82	16.18	208.4	15.27	28.43	66.47	68.7	-2.229	13.56	13.55	26.337	936.61	0
"2010-04-03	14:00:00"	22.82	221.8	11.07	39.77	18.19	223	14.13	30.22	71.33	73.64	-2.305	14.08	13.46	26.314	933.07	0
"2010-04-03	15:00:00"	21.13	228.1	13.25	33.8	17.47	229.4	15.18	29.03	73.87	76.01	-2.142	13.11	12.36	26.286	878.33	0
"2010-04-03	16:00:00"	20.12	217.7	13.3	38.57	15.96	218.1	16.4	33.21	75.9	77.8	-1.901	12.23	11.43	26.255	740.64	0
"2010-04-03	17:00:00"	20.75	213.7	11.24	35	16.05	213.9	14.29	29.63	76.93	78.36	-1.434	12.07	11.33	26.235	550.66	0
"2010-04-03	18:00:00"	19.31	217.9	10.39	31.42	14.73	218.5	13.21	24.86	77.63	78.34	-0.715	11.5	10.96	26.234	327.29	0
"2010-04-03	19:00:00"	15.49	211.6	11.33	27.24	11.47	211.6	14.58	24.26	76.72	76.43	0.295	11.87	11.78	26.23	109.98	0
"2010-04-03	20:00:00"	9.02	193.6	13.1	14.12	5.536	194.8	21.31	9.95	71.57	69.11	2.454	14.23	15.92	26.239	3.0734	0
"2010-04-03	21:00:00"	7.304	213.4	17.48	12.33	4.802	220.6	24.82	9.95	65.59	62.9	2.682	17.26	19.86	26.26	0	0
"2010-04-03	22:00:00"	7.73	207.9	18.16	12.33	5.127	212.1	21.37	7.561	64.31	61.91	2.401	21.36	23.81	26.275	0	0
"2010-04-03	23:00:00"	7.884	175.2	6.904	10.54	4.517	176.7	10.6	8.75	60.27	58.04	2.229	33.29	35.4	26.278	0	0
"2010-04-04	00:00:00"	7.893	206.4	11.78	11.74	4.921	210.4	16.55	8.75	60.97	58.99	1.984	56.44	59.34	26.287	0	0
"2010-04-04	01:00:00"	6.496	204	9.56	9.35	3.851	209.8	15	5.771	59.25	56.85	2.402	59.24	63.59	26.304	0	0
"2010-04-04	02:00:00"	7.9	189.6	9	11.74	4.867	195.2	16.72	8.16	57.61	55.91	1.696	69.21	72.9	26.299	0	0
"2010-04-04	03:00:00"	9.4	188.1	8.93	14.72	6.272	188.3	12.91	11.74	57.16	55.85	1.303	78.58	82.3	26.287	0	0
"2010-04-04	04:00:00"	8.07	184.9	10.96	12.93	5.262	185.2	16.74	9.95	55.74	54.47	1.277	83	87	26.289	0	0
"2010-04-04	05:00:00"	8.05	188.4	10.46	12.93	5.262	190.3	16	9.95	55.3	54.06	1.243	83.8	87.8	26.295	0	0
"2010-04-04	06:00:00"	7.19	198.6	5.693	8.75	4.071	208.7	8.65	5.771	54.33	52.08	2.251	87.2	91.8	26.301	0	0
"2010-04-04	07:00:00"	6.99	205.6	11.88	9.35	4.183	212.7	17.52	6.964	53.67	51.49	2.178	90.1	94.3	26.322	7.3134	0
"2010-04-04	08:00:00"	7.427	219.3	10.79	10.54	5.823	223.7	14.51	8.75	53.66	53.45	0.21	91.1	94	26.347	139.34	0
"2010-04-04	09:00:00"	10.37	207.1	9.54	15.31	8.31	208.4	12.97	13.52	59.81	60.56	-0.754	80.3	80.9	26.356	357.43	0
"2010-04-04	10:00:00"	10.6	231.5	18.39	14.12	9.17	233.2	19.76	14.12	66.46	67.6	-1.147	56.3	55.78	26.355	574.01	0
"2010-04-04	11:00:00"	15.66	252.7	12.25	26.65	13.33	254.4	14.69	21.87	74.83	76.39	-1.554	23.6	22.92	26.349	760.67	0
"2010-04-04	12:00:00"	19.48	264.5	12.48	30.22	15.44	266.4	13.94	26.05	78.45	80.4	-1.953	13.04	12.2	26.34	893.29	0
"2010-04-04	13:00:00"	14.14	246.2	17.08	24.26	12.21	247.6	19.09	21.28	79.84	81.9	-2.035	13.02	11.94	26.333	957.53	0
"2010-04-04	14:00:00"	14.69	255.8	15.19	26.65	12.36	258.4	16.69	24.26	81.1	83.2	-2.109	11.16	10.05	26.315	938.99	0
"2010-04-04	15:00:00"	15.2	234.4	26.94	37.38	12.64	235.1	30.45	33.21	82.3	84.4	-2.074	10.85	9.61	26.295	884.71	0
"2010-04-04	16:00:00"	16.52	230.3	18.1	29.03	13.88	231.7	20.06	27.84	83.6	85.3	-1.732	9.83	8.57	26.277	750.42	0
"2010-04-04	17:00:00"	18.99	233.9	12.32	33.8	16.19	235.3	14.42	31.42	83.7	85	-1.273	9.19	8.01	26.27	561.45	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-04	18:00:00"	18.04	239.5	13.07	29.63	15.1	241	14.56	23.66	83.3	84	-0.638	9.81	8.8	26.273	333.73	0	
"2010-04-04	19:00:00"	15.5	246.4	8.3	25.45	13.04	248.2	10.4	23.07	81.7	81.5	0.226	10.27	9.63	26.281	114.07	0	
"2010-04-04	20:00:00"	11.07	250.5	7.553	17.1	8.3	253.4	9.74	15.31	77.33	75.9	1.432	11.76	12.11	26.296	3.2809	0	
"2010-04-04	21:00:00"	7.633	248.4	9.98	11.74	5.008	249.2	12.63	8.16	72.91	70.07	2.843	13.7	15.42	26.316	0	0	
"2010-04-04	22:00:00"	5.785	245.4	6.979	8.16	4.006	235.6	10.53	5.175	70.66	67.39	3.274	15.24	17.49	26.339	0	0	
"2010-04-04	23:00:00"	7.033	265	5.273	9.95	4.306	267.7	7.705	5.771	69.84	66.19	3.658	15.63	18.61	26.346	0	0	
"2010-04-05	00:00:00"	8.21	207.4	43.54	17.7	5.361	199	51.82	12.33	66.65	63.67	2.978	19.24	22.03	26.353	0	0	
"2010-04-05	01:00:00"	13.16	177.7	6.601	18.3	9.56	174.6	9.06	13.52	64.15	63.31	0.843	57.37	58.81	26.364	0	0	
"2010-04-05	02:00:00"	11.06	189.1	8.1	18.89	7.982	189.5	10.66	13.52	63.56	62.92	0.641	77.36	79.57	26.367	0	0	
"2010-04-05	03:00:00"	8.46	191.2	6.577	11.74	5.636	194.1	9.19	9.35	60.95	59.96	0.991	85.6	88.3	26.362	0	0	
"2010-04-05	04:00:00"	8.07	186.5	6.941	11.74	5.06	192	10.47	8.16	59.4	58.16	1.235	90.3	92.9	26.349	0	0	
"2010-04-05	05:00:00"	6.837	198.8	7.495	9.95	3.923	212.9	11.52	6.368	57.87	56.17	1.702	92.8	95.1	26.347	0	0	
"2010-04-05	06:00:00"	6.523	211.6	6.118	8.16	3.563	222.8	11.2	4.578	56.89	54.86	2.03	93.4	95.7	26.355	0.02204	0	
"2010-04-05	07:00:00"	7.479	229.6	11.77	12.33	5.584	238.9	13.87	10.54	55.45	54.97	0.482	93.4	95.9	26.372	5.2585	0	
"2010-04-05	08:00:00"	9.77	204.4	9.63	14.72	7.367	207.5	13.15	12.33	57.79	57.86	-0.073	94	96.2	26.39	53.696	0	
"2010-04-05	09:00:00"	12.8	196.2	8.03	17.1	9.75	197.4	12.13	14.12	59.98	60.33	-0.347	94.2	96.1	26.389	157.38	0	
"2010-04-05	10:00:00"	9.93	193	13.91	15.91	8.16	191.8	17.56	13.52	63.16	63.56	-0.402	88.7	92.4	26.386	530.93	0	
"2010-04-05	11:00:00"	8.57	209.3	16.86	14.12	7.345	209.8	20.92	12.33	72.99	74.26	-1.27	46.09	45.09	26.377	763.35	0	
"2010-04-05	12:00:00"	11.69	208.4	18.83	24.86	9.72	209.7	21.94	24.26	78.34	80	-1.696	26.19	24.95	26.36	811.58	0	
"2010-04-05	13:00:00"	14.61	224.8	16.88	27.24	12.2	225.5	19.79	21.28	81.3	83.3	-2.014	19.64	18.14	26.339	912.77	0	
"2010-04-05	14:00:00"	16.99	227.2	15.7	32.61	14.15	228.6	18.55	28.43	84	86.1	-2.084	12.61	11.14	26.308	902.58	0	
"2010-04-05	15:00:00"	18.97	228.5	16.69	31.42	15.63	229.3	18.61	27.24	86.4	88.4	-2	10.19	8.63	26.279	884.38	0	
"2010-04-05	16:00:00"	19.61	224.3	13.46	34.4	15.87	225.2	15.86	27.24	86.6	88.2	-1.587	9.77	8.3	26.252	656.57	0	
"2010-04-05	17:00:00"	20.74	225.3	10.98	32.01	16.52	226.3	13.64	30.82	87	87.7	-0.75	8.64	7.358	26.231	365.07	0	
"2010-04-05	18:00:00"	21.49	225.6	10.53	32.61	16.92	226.2	13.3	28.43	87.2	87.5	-0.343	8.01	6.801	26.214	289.56	0	
"2010-04-05	19:00:00"	18.16	226.3	8.25	27.84	14.39	227.5	10.63	22.47	86.1	85.8	0.32	8.39	7.406	26.205	123.51	0	
"2010-04-05	20:00:00"	15.48	187.3	22.13	23.66	11.8	185.1	24.43	19.49	79.27	78.74	0.528	35.69	35.27	26.219	6.0273	0	
"2010-04-05	21:00:00"	14.62	171	7.285	21.87	11.26	167.9	9.35	17.1	72.33	71.97	0.361	59.49	60.3	26.24	0	0	
"2010-04-05	22:00:00"	9.65	193.8	22.45	17.1	7.283	195.5	26.75	15.31	69.2	68.67	0.532	66.87	68.39	26.26	0	0	
"2010-04-05	23:00:00"	11.38	185.4	8.76	21.87	8.46	183.1	11.5	15.91	66.96	66.41	0.553	73.86	75.81	26.261	0	0	
"2010-04-06	00:00:00"	12.03	184.8	7.831	17.1	8.95	183.3	10.73	14.12	65.23	64.8	0.435	80.3	82.3	26.257	0	0	
"2010-04-06	01:00:00"	13.23	186.3	8.45	19.49	9.97	184.8	11.32	15.31	64.67	64.28	0.386	83.1	85.1	26.253	0	0	
"2010-04-06	02:00:00"	12.02	198.8	18.17	20.68	9.05	200.7	21.71	16.51	64.45	63.99	0.465	83.7	85.9	26.24	0	0	
"2010-04-06	03:00:00"	7.799	208	13.3	12.33	5.396	209.9	17.66	10.54	63.4	62.48	0.92	85.4	88.3	26.229	0	0	
"2010-04-06	04:00:00"	7.67	208.1	13.41	13.52	5.242	209.5	19.51	11.14	62.3	61.03	1.269	87.4	90.5	26.221	0	0	
"2010-04-06	05:00:00"	7.494	199.9	16.46	14.12	5.153	203.7	26.34	11.14	59.76	58.59	1.163	90.6	93.5	26.213	0	0	
"2010-04-06	06:00:00"	7.601	175.7	5.928	11.14	4.771	173	10.37	8.16	57.28	55.8	1.481	91.5	94.8	26.219	0	0	
"2010-04-06	07:00:00"	8.76	189.8	10.38	12.33	5.699	191.2	13.87	9.95	55.54	54.19	1.348	86.2	91.3	26.223	5.5865	0	
"2010-04-06	08:00:00"	7.493	202.3	12.26	11.74	4.795	199.7	18.66	9.95	54.95	54.26	0.695	81.3	86.8	26.245	131.47	0	
"2010-04-06	09:00:00"	10.45	214.7	9.15	16.51	8.14	215.2	12.05	15.31	61.04	61.5	-0.459	49.71	53.13	26.253	376.07	0	
"2010-04-06	10:00:00"	13.29	221.8	10.54	18.89	10.79	222.4	13.66	16.51	68.72	69.89	-1.174	27.89	28.2	26.25	582.46	0	
"2010-04-06	11:00:00"	15.47	238.7	13.46	25.45	13.3	240	15.87	22.47	74.11	75.73	-1.611	17.91	17.49	26.244	786.05	0	
"2010-04-06	12:00:00"	18.06	246.8	13.54	30.82	15.58	248.6	15.12	26.65	77.35	79.3	-1.95	13.11	12.34	26.229	910.11	0	
"2010-04-06	13:00:00"	17.01	239.1	17.51	27.84	14.52	240.4	19.88	24.86	79.01	81.1	-2.121	11.19	10.29	26.198	946.31	0	
"2010-04-06	14:00:00"	18.24	237.8	19.06	29.03	15.48	239	21.41	25.45	80.9	82.9	-2.025	10.52	9.46	26.164	884.92	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-06	15:00:00"	19.17	273.4	16.02	32.01	14.54	274.5	16.96	27.24	81.5	83.3	-1.824	10.12	9.12	26.147	724.42	0	
"2010-04-06	16:00:00"	18.75	267.1	18.5	30.82	14.45	268.6	20.27	27.24	81.8	83.7	-1.876	9.85	8.81	26.13	731.27	0	
"2010-04-06	17:00:00"	22.7	271.9	12.52	35	17.16	273.2	13.81	28.43	81.9	83.3	-1.371	9.01	8.05	26.118	567.43	0	
"2010-04-06	18:00:00"	26.44	273.5	10.14	39.17	19.99	275.1	12.16	31.42	79.84	80.4	-0.606	7.913	7.283	26.125	333.99	0	
"2010-04-06	19:00:00"	22.74	275.3	8.1	37.38	17.01	276.6	10.4	29.03	77.66	77.52	0.142	9.08	8.78	26.136	115.51	0	
"2010-04-06	20:00:00"	17.9	279.6	8.81	28.43	12.87	280.4	10.83	23.07	73.49	72.78	0.712	11.84	12.11	26.158	4.0036	0	
"2010-04-06	21:00:00"	17.18	284.6	7.272	25.45	11.48	285.3	9.71	20.09	69.99	69.16	0.828	14.39	15.14	26.185	0	0	
"2010-04-06	22:00:00"	17.05	286.4	7.337	30.22	11.03	287.3	9.7	24.26	68.52	67.66	0.855	15.79	16.72	26.22	0	0	
"2010-04-06	23:00:00"	12.31	323.4	22.37	21.87	8.07	322.5	20.65	18.3	63.34	62.11	1.238	17.75	19.63	26.255	0	0	
"2010-04-07	00:00:00"	13.58	351.5	13.25	23.07	10.06	347.3	14.13	18.89	59.77	58.69	1.084	10.67	12.68	26.277	0	0	
"2010-04-07	01:00:00"	14.33	14.78	7.421	20.68	10.63	11.4	13.48	17.1	53.68	52.84	0.833	15.06	17.49	26.299	0	0	
"2010-04-07	02:00:00"	13.48	7.196	11.05	20.09	10.03	1.935	14.37	17.1	48.62	47.89	0.731	17.57	20.54	26.31	0	0	
"2010-04-07	03:00:00"	16.86	0.595	13.44	27.24	12.9	354.7	13.61	22.47	49.51	48.91	0.605	12.4	15.07	26.318	0	0	
"2010-04-07	04:00:00"	12.06	355.9	12.97	16.51	8.95	351.2	12.38	14.12	47.39	46.46	0.927	12.85	15.98	26.338	0	0	
"2010-04-07	05:00:00"	8.17	350.9	11.71	15.91	5.703	348	11.9	14.12	45.28	44	1.279	14.32	17.92	26.353	0	0	
"2010-04-07	06:00:00"	7.875	328.1	10.05	11.14	4.681	324.7	12.34	7.561	42.35	40.42	1.928	16.64	21.25	26.363	0	0	
"2010-04-07	07:00:00"	9.52	331.3	6.982	15.31	5.906	332	10.16	12.33	40.22	38.38	1.84	18.59	23.53	26.382	11.475	0	
"2010-04-07	08:00:00"	15.47	329.7	7.739	26.65	11.72	328.3	9.9	23.66	44.95	45.09	-0.14	16.59	19.4	26.417	166.67	0	
"2010-04-07	09:00:00"	22.43	333.5	9.6	37.38	17.32	331.7	11.18	30.22	50.35	51.31	-0.958	14.47	16.33	26.44	391.1	0	
"2010-04-07	10:00:00"	21.03	342.4	12.38	29.63	16.61	339.1	12.85	27.24	53.04	54.74	-1.702	13.4	14.78	26.458	607.66	0	
"2010-04-07	11:00:00"	16.93	358.1	15.62	28.43	13.64	353.7	17	24.26	55.4	57.77	-2.376	12.18	13.23	26.476	790.16	0	
"2010-04-07	12:00:00"	14.67	8.22	17.71	27.24	12.01	4.534	21.84	23.07	57.04	59.7	-2.658	11	11.88	26.479	919.41	0	
"2010-04-07	13:00:00"	14.69	8.92	21.46	28.43	12.08	5.103	25.46	23.66	58.52	61.18	-2.659	10.7	11.44	26.475	979.09	0	
"2010-04-07	14:00:00"	15.24	12.76	17.09	35	12.56	9.74	21.86	27.84	59.3	62.15	-2.855	10.99	11.53	26.474	951.85	0	
"2010-04-07	15:00:00"	16.61	10.24	18.84	32.61	13.5	7.129	22.27	27.24	60.72	63.44	-2.729	11.74	12.09	26.468	896.43	0	
"2010-04-07	16:00:00"	17.25	1.904	19.83	31.42	13.83	358.2	22.04	26.65	60.72	63.26	-2.539	13.69	13.92	26.472	756.79	0	
"2010-04-07	17:00:00"	20.47	11.73	15.1	32.61	16.32	8.28	18.8	27.24	59.88	61.74	-1.862	19.66	19.75	26.481	541.53	0	
"2010-04-07	18:00:00"	21.21	7.66	13.6	30.22	16.7	2.966	17.67	27.24	58.59	59.74	-1.152	20.96	21.54	26.502	325.72	0	
"2010-04-07	19:00:00"	17.21	15.77	10.5	25.45	13.43	12.64	15.9	22.47	57.17	57.42	-0.257	20.64	21.92	26.522	116.33	0	
"2010-04-07	20:00:00"	11.38	18.51	7.334	19.49	8.23	15.64	12.91	16.51	53.7	52.9	0.793	21.71	24.17	26.54	4.2941	0	
"2010-04-07	21:00:00"	9.67	23.77	4.841	12.33	6.269	21.84	10.9	9.35	48.92	47.47	1.447	24.03	27.7	26.559	0	0	
"2010-04-07	22:00:00"	10.05	14.18	2.88	11.74	5.311	8.33	9.28	7.561	45.56	41.64	3.916	26.57	33.13	26.577	0	0	
"2010-04-07	23:00:00"	9.7	9.75	1.677	11.14	4.814	3.291	9.34	6.368	44.5	39.16	5.339	28.1	36.44	26.587	0	0	
"2010-04-08	00:00:00"	10.25	8.41	3.124	11.74	5.119	1.618	10.73	6.964	43.15	38.04	5.11	30.16	38.7	26.586	0	0	
"2010-04-08	01:00:00"	10.08	6.729	5	11.74	5.422	0.846	11.08	7.561	40.58	37.49	3.095	32.64	39.66	26.583	0	0	
"2010-04-08	02:00:00"	9.59	8.27	3.516	11.14	4.669	3.259	10.52	6.964	39.44	34.86	4.58	32.36	41.87	26.577	0	0	
"2010-04-08	03:00:00"	8.56	23.76	11.05	11.14	4.27	17.81	19.91	6.368	40.87	33.84	7.026	28.42	41.36	26.561	0	0	
"2010-04-08	04:00:00"	8.65	12.55	7.463	11.74	4.453	4.711	13.56	6.368	41.07	33.1	7.969	26.82	41.16	26.561	0	0	
"2010-04-08	05:00:00"	7.702	332.2	21.54	10.54	4.422	330.1	17.99	6.964	37.15	29.3	7.849	31.82	49.5	26.562	0	0	
"2010-04-08	06:00:00"	4.319	358.7	44.94	6.368	3.811	345.2	43.2	5.771	40.37	29.5	10.87	25.94	47.56	26.56	0	0	
"2010-04-08	07:00:00"	4.365	79.79	15.94	5.175	3.763	33.81	9.82	5.175	41.6	32.75	8.85	23.67	39.91	26.571	12.494	0	
"2010-04-08	08:00:00"	4.872	283.9	65.39	11.74	3.642	303.2	45.83	11.74	38.1	37.19	0.908	30.44	36.23	26.605	167.94	0	
"2010-04-08	09:00:00"	6.623	180.8	31.25	12.93	5.717	179.1	29.62	11.74	44.37	45	-0.637	25.13	27.67	26.617	391.22	0	
"2010-04-08	10:00:00"	8.86	198.3	19.29	14.72	7.534	198.4	24.41	12.93	49.42	50.71	-1.287	20.62	22.41	26.614	608.35	0	
"2010-04-08	11:00:00"	9.6	211.6	19.58	18.89	8.14	212.5	23.63	15.91	53.14	54.82	-1.678	17.33	18.66	26.6	790.52	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-08	12:00:00"	9.96	219.1	24.49	20.09	8.53	219.6	29.4	16.51	56.43	58.22	-1.795	16.19	17.16	26.576	916.87	0
"2010-04-08	13:00:00"	10.9	210.5	24	17.7	9.4	211	27.91	15.91	59.38	61.44	-2.068	14.75	15.37	26.54	979.67	0
"2010-04-08	14:00:00"	10.95	205.5	22.62	20.68	9.29	206.8	25.48	19.49	61.94	63.97	-2.036	12.82	13.31	26.504	955.64	0
"2010-04-08	15:00:00"	10.95	213.7	30.25	20.68	9.29	212.5	33.83	19.49	64	66.02	-2.02	10.84	11.25	26.467	904.96	0
"2010-04-08	16:00:00"	8.51	205.7	29.07	19.49	7.397	206.4	33.8	17.1	64.96	66.49	-1.525	9.37	9.85	26.442	769.28	0
"2010-04-08	17:00:00"	9.93	211.4	26.97	21.28	8.3	211.1	31.31	17.7	65.97	67.41	-1.434	8.4	8.9	26.424	580.27	0
"2010-04-08	18:00:00"	10.37	194.8	23.36	17.7	8.54	193.1	26.6	15.31	66.16	67.18	-1.022	7.58	8.16	26.417	352.04	0
"2010-04-08	19:00:00"	10.76	194.2	11.92	17.1	8.3	193.2	15.05	14.72	65.56	65.69	-0.126	7.668	8.54	26.413	128.16	0
"2010-04-08	20:00:00"	8.67	165.3	11.13	11.14	4.822	158.8	14.15	7.561	60.7	58.08	2.622	9.77	12.59	26.417	4.8405	0
"2010-04-08	21:00:00"	10.87	145.7	7.401	14.12	6.758	140.5	8.03	10.54	56.98	54.93	2.046	10.81	13.67	26.422	0	0
"2010-04-08	22:00:00"	11.77	144.7	6.725	16.51	7.893	140.8	8.28	12.33	54.75	53.39	1.365	11.11	13.77	26.432	0	0
"2010-04-08	23:00:00"	12.74	149.8	6.741	17.7	8.76	146	8.14	13.52	53.41	52.22	1.188	11.66	14.31	26.436	0	0
"2010-04-09	00:00:00"	12.1	151.4	7.128	16.51	8.55	148.2	8.11	12.93	52.45	51.53	0.92	13.47	15.98	26.428	0	0
"2010-04-09	01:00:00"	8.36	135.7	8.72	11.14	5.248	128.3	13.87	9.35	49.77	48.29	1.482	16.54	19.84	26.42	0	0
"2010-04-09	02:00:00"	8.84	152.5	7.689	13.52	5.846	148.9	9.18	8.75	49.23	48.15	1.084	17.87	20.99	26.412	0	0
"2010-04-09	03:00:00"	8.13	164.3	9.56	10.54	4.894	161	11.87	6.964	48.51	47.15	1.358	19.38	22.92	26.401	0	0
"2010-04-09	04:00:00"	7.811	180.8	7.075	11.14	4.511	179.1	11.39	6.964	48.14	46.03	2.11	21.08	25.16	26.388	0	0
"2010-04-09	05:00:00"	8.26	183.8	6.388	11.74	5.048	183.7	9.69	8.16	47.97	45.82	2.15	21.9	26.18	26.385	0	0
"2010-04-09	06:00:00"	8.2	182.9	7.34	11.74	5.168	182.4	10.71	8.75	46.45	44.83	1.612	24.29	28.25	26.39	0	0
"2010-04-09	07:00:00"	8.1	179.9	6.263	11.74	5.206	177.5	8.83	9.35	46.04	44.66	1.374	27.17	31	26.402	14.313	0
"2010-04-09	08:00:00"	8.94	177.5	7.985	15.91	6.932	175.1	10.57	12.93	48.05	47.97	0.08	30.73	33.27	26.42	146.7	0
"2010-04-09	09:00:00"	13.65	176.8	9.44	19.49	11.02	173.5	12.14	15.91	54.54	55.37	-0.832	28.8	30.05	26.431	386.76	0
"2010-04-09	10:00:00"	10.33	178.4	13.77	15.31	8.62	176	16.78	13.52	59.86	61.07	-1.21	24.73	25.35	26.427	596.89	0
"2010-04-09	11:00:00"	11.91	174.4	14.88	20.09	9.9	172.3	17.49	18.3	64.74	66.44	-1.696	21	21	26.423	787.22	0
"2010-04-09	12:00:00"	13.54	174.7	13.91	21.87	11.31	172.3	15.95	17.7	68.77	70.73	-1.964	18.14	17.69	26.412	903.65	0
"2010-04-09	13:00:00"	13.91	172.5	16.25	22.47	11.56	169.7	19.39	18.89	72.11	74.14	-2.033	15.87	15.21	26.386	943.38	0
"2010-04-09	14:00:00"	13.9	180.7	17.93	21.87	11.33	179.3	20.6	18.3	74.06	76.14	-2.079	15.14	14.32	26.361	865.18	0
"2010-04-09	15:00:00"	10.36	181.8	24.5	21.28	8.81	180.4	29.64	15.91	75.83	77.41	-1.582	14.08	13.32	26.332	836.87	0
"2010-04-09	16:00:00"	12.89	175.5	27.77	26.05	10.68	174.9	29.91	21.28	77.1	78.8	-1.703	14.2	13.32	26.308	700.71	0
"2010-04-09	17:00:00"	13.26	179.9	18.31	26.65	10.65	177.3	20.98	21.28	77.69	79.05	-1.361	14.48	13.65	26.295	510.27	0
"2010-04-09	18:00:00"	15.31	169.9	15.09	25.45	12.13	167.3	16.81	19.49	77.27	77.98	-0.707	15.51	14.89	26.293	262.98	0
"2010-04-09	19:00:00"	18.94	165.2	7.652	26.65	14.94	161.6	9.14	23.07	74.21	74.15	0.062	20.05	19.96	26.295	67.328	0
"2010-04-09	20:00:00"	14.31	151	8.5	21.87	10.83	148	9.51	17.7	68.95	68.47	0.477	24.93	25.67	26.311	6.4497	0
"2010-04-09	21:00:00"	13.67	154.2	7.42	18.89	10.25	151.3	8.46	15.91	63.9	63.38	0.52	30.55	31.9	26.338	0	0
"2010-04-09	22:00:00"	11.05	154.4	7.339	17.1	8.27	152.1	8.73	13.52	60.64	60.09	0.547	35.6	37.33	26.371	0	0
"2010-04-09	23:00:00"	13.39	158.1	8.02	18.89	10.18	154.7	9.31	14.12	58.63	58.18	0.443	41.27	43.56	26.383	0	0
"2010-04-10	00:00:00"	10.73	159.7	9.85	17.1	7.86	156.8	11.24	12.93	56.01	55.46	0.554	47.62	50.52	26.384	0	0
"2010-04-10	01:00:00"	8.48	160.1	7.837	12.93	5.744	157.5	9.98	9.95	53.5	52.61	0.888	52.92	56.69	26.39	0	0
"2010-04-10	02:00:00"	8.29	160.5	5.149	9.95	4.794	157.5	7.38	6.368	51.49	49.4	2.089	56.64	62.6	26.383	0	0
"2010-04-10	03:00:00"	6.803	162.4	6.745	10.54	3.705	157.3	9.65	6.368	50.59	48.53	2.058	58.58	64.7	26.373	0	0
"2010-04-10	04:00:00"	6.561	185.1	11.23	9.35	3.73	187.5	17.04	6.368	50.24	47.9	2.332	58.97	65.78	26.369	0	0
"2010-04-10	05:00:00"	8.03	203.4	3.474	9.35	4.592	208.3	7.514	5.771	49.07	46.68	2.388	60.69	68.04	26.374	0	0
"2010-04-10	06:00:00"	8.08	222.4	10.52	10.54	5.064	228	13.77	6.964	48.69	46.28	2.415	61.4	68.83	26.382	0	0
"2010-04-10	07:00:00"	7.987	236.4	5.646	9.95	5.636	241.1	7.818	7.561	48.12	46.31	1.809	62.88	69.45	26.401	13.217	0
"2010-04-10	08:00:00"	8.99	233.1	7.8	13.52	7.667	236.2	9.81	12.93	49.57	49.69	-0.114	62.28	65.24	26.424	169.1	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-10	09:00:00"	11.6	220.8	8.05	16.51	9.58	222	11.6	14.12	54.31	55.34	-1.032	54.91	55.8	26.44	390	0
"2010-04-10	10:00:00"	11.25	242.5	10.84	15.91	10.17	244.6	12.86	15.31	62.85	64.1	-1.245	38.35	38.5	26.445	607.51	0
"2010-04-10	11:00:00"	12.83	255.7	12	18.89	10.98	257.9	14.29	17.7	72.64	74.34	-1.7	21.25	20.7	26.449	791.43	0
"2010-04-10	12:00:00"	14.18	257.7	13.97	22.47	11.96	259	15.9	23.07	78.61	80.6	-2.012	11.89	11.1	26.443	920.26	0
"2010-04-10	13:00:00"	16.17	272.3	18.1	27.84	12.46	274.7	19.29	22.47	80.9	83.1	-2.17	8.92	7.976	26.428	980.08	0
"2010-04-10	14:00:00"	16.41	263.4	16.95	29.63	13.15	265.4	18.59	25.45	81.4	83.8	-2.377	8.94	7.89	26.414	947.92	0
"2010-04-10	15:00:00"	14.74	250.5	21.24	27.84	12.3	252.4	22.6	25.45	82.3	84.4	-2.069	8.98	7.856	26.4	900.62	0
"2010-04-10	16:00:00"	15.8	241.3	23.51	27.84	13.1	242.5	26.07	23.66	83.2	85.1	-1.922	8.98	7.784	26.383	762.2	0
"2010-04-10	17:00:00"	15.83	259.2	21.71	28.43	12.65	260.5	23.03	23.07	84	85.4	-1.438	9.22	8.05	26.367	575.48	0
"2010-04-10	18:00:00"	15.81	245.4	12.42	25.45	13.25	247	14.51	21.87	83.5	84.3	-0.788	9.57	8.53	26.368	347.5	0
"2010-04-10	19:00:00"	12.37	253.4	11.11	23.07	9.96	255.5	13.55	18.89	82.1	82	0.106	10.88	10.21	26.375	123.47	0
"2010-04-10	20:00:00"	5.583	284.9	21.68	9.95	3.668	305.1	42.1	7.561	78.73	75.44	3.296	12.01	13.35	26.388	5.4101	0
"2010-04-10	21:00:00"	7.393	299.8	4.853	8.75	4.166	319.6	13.6	6.368	75.77	67.48	8.3	12.89	17.94	26.408	0	0
"2010-04-10	22:00:00"	9.42	209	58.03	17.7	5.719	206.6	64.16	12.33	73.22	68.35	4.868	17.04	20.35	26.441	0	0
"2010-04-10	23:00:00"	8.97	195.4	15.84	15.31	5.853	195.9	21.04	11.74	68.76	67.05	1.71	29.97	31.49	26.465	0	0
"2010-04-11	00:00:00"	9.28	196.5	9.64	14.12	6.032	201.8	14.34	11.74	66.26	64.51	1.748	39.68	42.11	26.468	0	0
"2010-04-11	01:00:00"	7.274	199.5	10.85	10.54	4.252	207	13.09	8.16	64.19	61.89	2.303	48.95	52.55	26.469	0	0
"2010-04-11	02:00:00"	6.178	183.3	11.54	9.35	3.39	191.6	21.45	6.368	62.3	60.14	2.151	58.81	62.6	26.461	0	0
"2010-04-11	03:00:00"	7.231	182.3	10.36	9.95	3.657	180.9	20.66	6.964	61.29	58.5	2.781	64.58	69.38	26.462	0	0
"2010-04-11	04:00:00"	7.222	170	7.996	9.35	3.963	166.3	12.76	5.771	59.28	57.42	1.866	71.33	75.62	26.467	0	0
"2010-04-11	05:00:00"	6.891	153.5	15.64	10.54	4.596	150.5	17.86	7.561	58.36	57.68	0.678	79.09	81.9	26.473	0	0
"2010-04-11	06:00:00"	6.28	137.8	15.19	9.95	4.366	133.1	17.91	6.964	58.21	57.83	0.379	84.3	86.4	26.479	0	0
"2010-04-11	07:00:00"	6.232	69.29	15.75	9.35	4.376	60.76	14.63	7.561	56.37	56.02	0.352	86	88.3	26.482	4.645	0
"2010-04-11	08:00:00"	6.009	106.4	37.98	11.74	4.538	104.9	38.31	9.95	56.56	56.64	-0.079	85.2	87	26.515	24.642	0
"2010-04-11	09:00:00"	7.148	134.6	23.64	11.74	5.721	131.8	24.67	9.95	59	59.23	-0.23	86.9	88.3	26.52	59.982	0
"2010-04-11	10:00:00"	7.103	28.76	24.49	11.74	5.789	27.25	26.76	9.95	59.66	60.49	-0.826	85.8	85.8	26.542	167.5	0
"2010-04-11	11:00:00"	8.77	32.08	17.09	12.93	7.293	30.93	20.55	11.74	62.07	63.16	-1.091	80.3	80.1	26.564	286.32	0
"2010-04-11	12:00:00"	9.76	2.753	15.53	14.12	8.05	358.2	18.62	12.93	65.77	66.89	-1.12	68.16	67.77	26.563	265.06	0
"2010-04-11	13:00:00"	5.825	347.5	54.71	11.14	4.702	345.2	55.62	9.95	70.28	71.27	-0.989	48.06	47.57	26.531	458.95	0
"2010-04-11	14:00:00"	4.305	185	96.1	25.45	3.612	171.3	102.8	20.68	75.49	76.51	-1.021	34.86	34.05	26.502	801.24	0
"2010-04-11	15:00:00"	5.933	139.8	72.14	13.52	4.989	132.3	73.31	11.74	77.48	78.49	-1.014	30.72	29.74	26.478	413.28	0
"2010-04-11	16:00:00"	12.98	153.9	15.43	27.84	10.54	151.7	16.66	23.66	77.98	79.17	-1.193	30.51	29.33	26.456	485.19	0
"2010-04-11	17:00:00"	11.86	167.5	16.48	19.49	9.73	165.5	17.47	17.1	77.89	79	-1.106	31.83	30.65	26.452	381.36	0
"2010-04-11	18:00:00"	11.79	147.5	20.47	19.49	9.36	145.3	21.56	17.1	77.72	78.43	-0.707	28.83	28.07	26.446	231.67	0
"2010-04-11	19:00:00"	12.14	137.6	9.6	18.3	8.99	135.7	10.41	15.31	76.25	76.03	0.224	29.05	29.12	26.444	46.888	0
"2010-04-11	20:00:00"	13.89	159.1	12.88	25.45	10.56	156.4	13.7	20.68	72.84	72.43	0.412	35.54	36.03	26.449	1.9612	0
"2010-04-11	21:00:00"	9.23	142.2	12.75	15.31	6.658	139.5	14.14	13.52	68.99	68.55	0.438	47.05	48.17	26.477	0	0
"2010-04-11	22:00:00"	10.94	128.3	7.519	20.09	7.759	126.3	10.24	15.31	66.23	65.82	0.417	56.72	58.22	26.501	0	0
"2010-04-11	23:00:00"	15.25	137.4	7.933	21.87	11.57	135.9	9.26	17.7	64.63	64.48	0.152	70.82	72.18	26.516	0	0
"2010-04-12	00:00:00"	15.51	131.5	9.43	23.66	11.59	129.8	11.35	19.49	62.2	61.97	0.234	79.2	81.1	26.508	0	0
"2010-04-12	01:00:00"	12.66	128.6	8.09	19.49	9.3	127.4	10.1	15.31	60.55	60.23	0.316	83.9	86.2	26.512	0	0
"2010-04-12	02:00:00"	11.14	130.8	8.07	16.51	8.11	129.1	10.01	12.33	59.18	58.84	0.342	87.4	89.8	26.504	0	0
"2010-04-12	03:00:00"	10.29	135.8	7.838	16.51	7.41	134.5	9.27	14.12	58.66	58.4	0.255	90.4	92.7	26.493	0	0
"2010-04-12	04:00:00"	10.07	136.3	7.336	15.31	7.661	135.3	9.18	12.33	59.45	59.48	-0.029	90.3	92.1	26.487	0	0
"2010-04-12	05:00:00"	9.09	133.3	8.66	17.1	7.08	132.5	10.05	14.72	58.69	58.81	-0.118	91.1	92.7	26.485	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-12	06:00:00"	8.81	130.8	8.83	12.93	6.799	129.6	10.74	10.54	58.71	58.83	-0.122	90.6	92.1	26.488	0
"2010-04-12	07:00:00"	7.43	145.2	9.35	12.33	5.763	142.4	10.33	9.35	59.56	59.61	-0.052	87.9	89.6	26.497	5.8537
"2010-04-12	08:00:00"	8.86	131.5	10.29	15.91	6.924	130.9	12.54	12.33	60.15	60.4	-0.246	87.5	88.8	26.51	60.889
"2010-04-12	09:00:00"	13.23	149	10.84	20.68	10.57	146.8	11.39	17.1	62.11	62.7	-0.593	82.2	82.6	26.514	162.46
"2010-04-12	10:00:00"	15.88	154	10.15	23.66	12.61	151	11.4	18.3	64.09	64.96	-0.867	74.26	73.92	26.506	237.31
"2010-04-12	11:00:00"	15.44	147.7	14	25.45	12.23	145.3	15.05	19.49	65.25	66.17	-0.924	69.55	69.03	26.51	239.83
"2010-04-12	12:00:00"	16.22	143.7	12.23	24.26	12.84	141.5	13.13	19.49	66.95	68.28	-1.328	64.16	62.86	26.504	416.84
"2010-04-12	13:00:00"	16.54	140.8	12.04	25.45	13.15	139.1	13.27	21.28	68.85	70.57	-1.718	57.89	55.87	26.478	545.98
"2010-04-12	14:00:00"	18.89	140.1	13.37	28.43	14.88	138	14.2	25.45	71.18	73.32	-2.139	51	48.36	26.452	766.14
"2010-04-12	15:00:00"	18.81	146.8	12.15	27.84	15.11	144.6	12.69	24.26	72.69	74.58	-1.893	47.06	44.61	26.431	633.13
"2010-04-12	16:00:00"	20.22	140.7	11.86	29.63	15.7	138.7	13.03	25.45	73.78	75.45	-1.675	45.64	43.44	26.402	564.03
"2010-04-12	17:00:00"	21.87	146.9	11.17	35	17.09	145.3	11.52	27.24	74.57	76	-1.433	41.11	39.41	26.37	512.53
"2010-04-12	18:00:00"	22.86	132.8	12.15	33.21	17.38	131	13.5	27.24	73.93	74.84	-0.916	41.99	40.87	26.359	302.44
"2010-04-12	19:00:00"	21.09	140.6	9.38	33.8	16.06	138.8	10.45	27.24	71.49	71.55	-0.059	42.93	43.16	26.361	65.295
"2010-04-12	20:00:00"	18.99	147.9	7.915	29.63	14.69	145.5	9.43	23.66	68.74	68.58	0.166	50.98	51.89	26.376	2.3535
"2010-04-12	21:00:00"	20.36	144.9	7.793	32.01	15.5	142.6	9.15	26.05	66.63	66.46	0.172	58.32	59.54	26.391	0
"2010-04-12	22:00:00"	20.51	149.2	8.09	30.22	15.77	147.1	8.94	26.65	64.54	64.44	0.094	66.44	67.81	26.418	0
"2010-04-12	23:00:00"	15.87	154.1	7.89	25.45	12.4	151.3	9.27	22.47	62.16	62.15	0.015	71.97	73.49	26.438	0
"2010-04-13	00:00:00"	16.61	170.7	8.73	24.86	13.17	167.3	10.61	20.68	62.22	62.33	-0.109	73.18	74.44	26.434	0
"2010-04-13	01:00:00"	16.96	168	8.19	27.24	13.33	165.3	10.3	21.87	61.87	62.01	-0.131	76.72	77.97	26.414	0
"2010-04-13	02:00:00"	17.44	156.1	9.2	29.03	13.65	153.1	10.14	23.66	61.13	61.24	-0.106	79.5	80.9	26.386	0
"2010-04-13	03:00:00"	20.47	149.7	10.47	31.42	16	146.9	10.9	24.86	60.04	60	0.032	80.4	82.2	26.351	0
"2010-04-13	04:00:00"	20.48	159.5	8.99	33.21	15.99	156.1	10.37	27.24	59.95	59.98	-0.031	78.66	80.4	26.358	0
"2010-04-13	05:00:00"	19.17	163.1	8.45	29.63	15.12	160.1	9.74	26.65	59.49	59.62	-0.131	80.7	82.2	26.363	0
"2010-04-13	06:00:00"	16.8	160.4	7.816	25.45	13.29	157.2	9.26	21.28	59.04	59.2	-0.154	83	84.5	26.369	0
"2010-04-13	07:00:00"	17.34	162.3	7.613	26.05	13.7	159	9.48	21.28	59.28	59.41	-0.135	82.2	83.7	26.383	1.4815
"2010-04-13	08:00:00"	18.44	158	8.17	27.24	14.56	154.8	9.49	22.47	59.45	59.66	-0.209	81.8	83.2	26.397	32.579
"2010-04-13	09:00:00"	19.73	158	8.42	29.03	15.59	154.7	9.58	27.24	59.82	60.13	-0.314	81	82.1	26.399	65.921
"2010-04-13	11:00:00"	24.34	158.2	8.29	35	19.23	155.1	9.89	27.84	61.83	62.89	-1.061	74.96	74.34	26.411	377.38
"2010-04-13	12:00:00"	22.05	158	10.56	33.8	17.55	154.7	11.59	26.05	64.62	65.95	-1.327	67.21	65.91	26.399	443.37
"2010-04-13	13:00:00"	23.4	162.5	8.84	32.01	18.64	159.6	11.17	26.05	66.51	67.89	-1.385	62.55	61.03	26.38	492.27
"2010-04-13	14:00:00"	23.43	165.6	10.89	33.8	18.54	162.1	12.78	27.24	67.83	69.53	-1.694	59.77	57.63	26.369	552.99
"2010-04-13	15:00:00"	21.49	167.4	11.92	30.22	17.25	164.6	13.48	26.65	69.2	70.91	-1.71	56.6	54.42	26.353	644.99
"2010-04-13	16:00:00"	22.98	149.8	10.97	33.21	18.11	147.3	12.1	28.43	70.05	71.86	-1.811	55.42	52.97	26.332	656.25
"2010-04-13	17:00:00"	24.93	143.1	9.95	35.59	19.37	140.2	10.98	27.84	70.33	71.78	-1.453	54.55	52.67	26.318	539.39
"2010-04-13	18:00:00"	26.2	146.3	9.36	35.59	20.23	143.6	10.31	30.82	70.68	71.52	-0.841	54.03	53.07	26.312	315.11
"2010-04-13	19:00:00"	26.15	148.7	8.57	37.38	20.34	146.1	9.67	29.63	67.62	67.94	-0.329	61.56	61.7	26.328	115.31
"2010-04-13	20:00:00"	22.19	148.4	8.1	33.8	17.22	146.2	9.38	27.24	64.74	64.88	-0.137	68.86	69.71	26.348	2.782
"2010-04-13	21:00:00"	21.78	150.4	8.33	34.4	16.92	147.4	9.44	29.63	64.13	64.25	-0.123	70.6	71.59	26.374	0
"2010-04-13	22:00:00"	20.72	153.2	8.71	32.01	16.17	150.7	9.47	26.65	63.65	63.78	-0.124	71.98	73.04	26.406	0
"2010-04-13	23:00:00"	20.98	150.5	8.15	30.22	16.25	148.1	9.64	23.66	62.97	63.09	-0.122	74.36	75.51	26.412	0
"2010-04-14	00:00:00"	19.25	146.3	7.82	30.82	14.82	143.9	9.28	26.05	62.15	62.27	-0.116	76.87	78.13	26.408	0
"2010-04-14	01:00:00"	19.63	151.3	7.742	29.63	15.18	148.4	9.17	24.26	61.92	62.04	-0.122	77.94	79.25	26.412	0
"2010-04-14	02:00:00"	17.84	154.1	8.46	26.05	13.93	150.8	9.74	21.28	60.68	60.73	-0.052	83.9	86	26.422	0
"2010-04-14	03:00:00"	16.29	156.5	7.831	24.86	12.71	153	9.23	20.09	59.36	59.3	0.063	86.7	89.4	26.419	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-14	04:00:00"	15.77	157.6	7.528	23.66	12.36	154.8	8.8	18.3	59.28	59.24	0.034	87.4	90	26.431	0
"2010-04-14	05:00:00"	15.09	169.6	9.9	29.63	11.74	166.8	11.57	25.45	58.77	58.74	0.037	87	89.7	26.449	0
"2010-04-14	06:00:00"	11.41	168.1	11.19	15.91	8.87	166	13.36	13.52	57.74	57.82	-0.082	91.4	93.8	26.462	0
"2010-04-14	07:00:00"	13.59	148	10.29	19.49	10.44	147	11.59	15.91	57.81	57.86	-0.05	91.7	94	26.465	8.7189
"2010-04-14	08:00:00"	13.14	152	8.38	20.68	10.2	150.2	10.15	16.51	58.18	58.3	-0.123	91.3	93.6	26.489	31.821
"2010-04-14	09:00:00"	14.62	157.4	8.85	21.87	11.53	154.4	10.11	18.3	59.28	59.46	-0.174	90	92.2	26.496	74.903
"2010-04-14	10:00:00"	15.47	134.7	16.08	23.66	11.99	133.3	16.76	21.87	61.3	62.03	-0.731	85.8	87.4	26.482	361.22
"2010-04-14	11:00:00"	21.24	128.5	10.62	29.03	16.13	127.2	12.64	26.05	64.27	65.62	-1.344	77.65	77.15	26.472	518.17
"2010-04-14	12:00:00"	23.34	141.3	8.98	33.8	18.08	139.4	10.4	28.43	66.34	67.64	-1.294	69.63	68.65	26.478	535.01
"2010-04-14	13:00:00"	19.91	147.6	11.09	28.43	15.78	145.3	12.37	23.66	67.68	69.25	-1.563	65.29	63.7	26.474	606.75
"2010-04-14	14:00:00"	18.69	149.3	12.14	27.84	15.1	147.4	13.41	23.07	68	69.91	-1.91	63.08	60.79	26.465	709.2
"2010-04-14	15:00:00"	17.44	143.5	13.19	26.05	13.99	141.7	14.74	22.47	68.89	71.1	-2.21	60.84	57.95	26.456	749.82
"2010-04-14	16:00:00"	18.93	132.2	12	26.65	14.67	130.8	13.63	22.47	69.51	71.62	-2.101	57.82	55.12	26.437	621.96
"2010-04-14	17:00:00"	19.46	136.3	11.73	27.84	14.99	135.2	13.37	24.86	69.03	70.54	-1.514	58.28	56.45	26.428	366.89
"2010-04-14	18:00:00"	19.06	127.9	9.31	26.65	14.32	127.3	11.55	20.68	66.4	67.21	-0.814	67.26	66.7	26.433	175.83
"2010-04-14	19:00:00"	19.44	116.1	8.41	27.24	14.77	115.2	11.47	23.07	64.3	64.78	-0.483	73.18	73.42	26.442	90.916
"2010-04-14	20:00:00"	17.14	119.6	7.532	24.86	12.76	118.3	11.01	20.68	62.54	62.61	-0.071	77.69	78.98	26.451	2.3623
"2010-04-14	21:00:00"	16.2	123.4	7.263	22.47	12.11	122.4	10.5	19.49	61.75	61.88	-0.133	82.1	83.3	26.475	0
"2010-04-14	22:00:00"	16.28	136.3	9.67	23.07	12.29	134.3	11.13	18.3	60.44	60.53	-0.097	88.6	90.6	26.489	0
"2010-04-14	23:00:00"	14.95	137	8.35	22.47	11.38	135.8	10.09	20.68	60	60.03	-0.028	90.1	92.3	26.488	0
"2010-04-15	00:00:00"	14.32	131.5	8.06	22.47	10.75	131.2	10.41	18.3	59.45	59.5	-0.053	91	93.2	26.487	0
"2010-04-15	01:00:00"	16.68	142.5	8.93	26.65	12.62	141.3	10.37	21.28	58.87	58.98	-0.116	91.2	93.2	26.482	0
"2010-04-15	02:00:00"	13.19	138.4	8.26	21.28	10	137.2	10.4	17.1	59.14	59.18	-0.044	89.7	92.2	26.488	0
"2010-04-15	03:00:00"	11.3	137.4	8.53	16.51	8.56	136.3	10.22	13.52	59.08	59.1	-0.013	89.4	92	26.481	0
"2010-04-15	04:00:00"	10.6	132.6	7.72	17.1	8.08	131.7	9.61	13.52	58.76	58.79	-0.029	89.7	92.3	26.479	0
"2010-04-15	05:00:00"	9.48	134.1	8.57	14.72	7.3	132.9	10.38	12.33	58.74	58.74	0.001	89	91.6	26.484	0
"2010-04-15	06:00:00"	6.768	135.3	9.73	10.54	5.244	133.6	11.68	8.16	58.41	58.4	0.008	88.7	91.4	26.494	0
"2010-04-15	07:00:00"	4.482	48.52	29.8	6.964	3.451	45.33	30.01	5.771	58.16	58.17	-0.008	89.5	92.5	26.513	2.4672
"2010-04-15	08:00:00"	7.777	35.21	18.96	17.1	6.071	33.43	19.59	14.12	56.74	56.92	-0.181	90	92.9	26.53	50.606
"2010-04-15	09:00:00"	11.4	20.25	8.36	16.51	8.82	19.37	14.8	14.12	56.17	56.55	-0.378	89.7	92.6	26.534	135.32
"2010-04-15	10:00:00"	8.92	43.08	12.41	12.93	7.163	43.29	14.85	11.74	56.36	56.6	-0.237	89.8	92.7	26.542	50.877
"2010-04-15	11:00:00"	8.97	70.09	7.536	13.52	6.939	68.73	10.27	11.14	56.03	56.25	-0.22	91.5	94.2	26.558	50.816
"2010-04-15	12:00:00"	7.108	81.4	8.11	10.54	5.65	79.88	10.22	8.16	56.93	57.25	-0.324	91.3	93.9	26.562	94.939
"2010-04-15	13:00:00"	4.377	77.25	11.01	8.16	3.587	76.63	12.98	7.561	57.66	58.01	-0.341	89.7	92.3	26.549	140.73
"2010-04-15	14:00:00"	8.9	42.11	20.43	14.12	6.872	41.83	21.99	12.33	58.36	58.71	-0.358	87.4	90.7	26.529	139.08
"2010-04-15	15:00:00"	9.09	37.94	10.47	12.93	7.033	38.19	13.54	10.54	58.48	58.67	-0.193	88.5	91.6	26.526	79.734
"2010-04-15	16:00:00"	8.79	51.2	10.33	12.33	6.855	50.15	12.02	9.95	58.49	58.7	-0.211	88.9	91.9	26.523	81.693
"2010-04-15	17:00:00"	10.48	51.36	9.83	14.72	8.07	50.8	12.15	12.33	58.37	58.51	-0.14	86.7	90.1	26.515	99.279
"2010-04-15	18:00:00"	11.4	54.93	13.06	16.51	8.79	54.65	14.31	13.52	57.97	58.1	-0.136	86.5	89.8	26.516	90.571
"2010-04-15	19:00:00"	11.73	52.7	12.44	17.1	8.95	52.59	14.12	14.72	57.27	57.33	-0.055	87	90.1	26.507	47.082
"2010-04-15	20:00:00"	9.79	47.15	8.76	17.1	7.403	46.38	10.95	14.12	57.06	56.98	0.082	88.7	91.5	26.511	6.8321
"2010-04-15	21:00:00"	8.4	46.57	9.59	14.12	6.037	46.12	10.86	10.54	55.69	55.5	0.199	89.7	92.7	26.528	0
"2010-04-15	22:00:00"	8.24	31.5	7.285	11.74	5.913	31.33	11.7	8.75	54.54	54.34	0.2	90.6	93.7	26.542	0
"2010-04-15	23:00:00"	10.12	39.7	10.75	14.72	7.419	40.06	13.47	13.52	55.58	55.59	-0.012	91.6	94.2	26.547	0
"2010-04-16	00:00:00"	10	36.27	8.61	17.1	7.6	36.28	12.15	12.93	56.44	56.47	-0.038	91.6	94.1	26.538	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2010-04-16	01:00:00"	9.84	10.93	14.71	15.31	7.499	7.692	18.31	12.33	56.44	56.49	-0.048		91	93.5	26.532	0	0	
"2010-04-16	02:00:00"	10.57	6.75	9.15	15.31	8.04	3.199	14.58	12.93	56.2	56.27	-0.068		91.9	94.4	26.524	0	0	
"2010-04-16	03:00:00"	11.19	0.599	12.29	17.1	8.51	356.5	14.84	14.12	56.18	56.19	-0.002		90.1	92.8	26.518	0	0	
"2010-04-16	04:00:00"	11.6	357.1	11.99	17.1	8.73	353.6	15.21	14.72	55.69	55.67	0.021		89.6	92.5	26.515	0	0	
"2010-04-16	05:00:00"	10.03	352.9	11.87	17.1	7.213	348.3	13.09	13.52	55.35	55.2	0.154		89.9	92.9	26.511	0	0	
"2010-04-16	06:00:00"	12.11	349.3	11.35	17.7	9.21	346.2	12.94	16.51	55.84	55.79	0.043		88.7	91.7	26.515	0	0	
"2010-04-16	07:00:00"	13.66	339.1	13.67	20.68	10.29	336.5	14.64	18.3	55.33	55.31	0.016		87.1	90.2	26.528	22.703	0	
"2010-04-16	08:00:00"	14.47	333.6	11.97	22.47	10.83	332.3	13.63	18.89	55.11	55.32	-0.207		86.4	89.2	26.544	77.598	0	
"2010-04-16	09:00:00"	16.12	335.5	8.92	24.26	12.27	334.1	11.17	19.49	55.9	56.47	-0.565		83.6	85.9	26.551	198.55	0	
"2010-04-16	10:00:00"	15.35	347.9	14.01	24.26	11.81	343.9	13.41	19.49	58.75	59.47	-0.717		77	79	26.543	233.32	0	
"2010-04-16	11:00:00"	15.32	3.814	14.45	25.45	11.96	359.3	17.56	21.87	61.01	61.86	-0.849		72.11	73.82	26.548	340.99	0	
"2010-04-16	12:00:00"	18.02	5.064	13.07	26.65	14.01	0.312	16.59	23.66	62.81	63.79	-0.972		66.55	68.16	26.546	408.15	0	
"2010-04-16	13:00:00"	17.92	13.15	13.48	27.84	13.99	9.28	19.93	24.26	63.36	64.52	-1.163		66.63	67.67	26.534	484.14	0	
"2010-04-16	14:00:00"	18.26	5.151	12	26.65	14.35	0.036	16.24	21.87	64.47	66.07	-1.608		63.24	63.38	26.521	662.37	0	
"2010-04-16	15:00:00"	18.55	3.362	13.63	29.03	14.61	358.9	17	23.66	66.66	68.31	-1.653		56.21	55.77	26.5	654.98	0	
"2010-04-16	16:00:00"	19.81	4.849	14.2	28.43	15.49	0.552	17.98	27.24	67.07	68.6	-1.528		55.32	54.69	26.483	550.2	0	
"2010-04-16	17:00:00"	22.03	8.97	13.12	31.42	16.99	5.282	18.02	28.43	65.34	66.08	-0.737		59.91	60.33	26.472	241.61	0	
"2010-04-16	18:00:00"	22.4	22.28	9.38	32.01	16.99	20.58	15.63	25.45	62.43	62.91	-0.476		66.06	67.09	26.479	186.53	0	
"2010-04-16	19:00:00"	22.38	26.37	8.19	31.42	17.13	25.71	14.1	29.03	60.15	60.46	-0.312		68.45	69.98	26.487	102.15	0	
"2010-04-16	20:00:00"	19.63	28.13	7.833	30.22	14.8	27.14	13.27	24.26	56.71	56.75	-0.039		78.43	80.9	26.504	2.9805	0	
"2010-04-16	21:00:00"	17.12	25.04	8.07	25.45	13.04	24.26	14.15	21.87	55.16	55.14	0.023		81.4	84.3	26.518	0	0	
"2010-04-16	22:00:00"	17.95	15.94	9.37	27.24	13.66	12.94	16.04	22.47	55.17	55.23	-0.057		76.93	79.73	26.53	0	0	
"2010-04-16	23:00:00"	17.83	18.87	8.95	28.43	13.69	16.74	16.18	25.45	53.3	53.41	-0.11		81.7	84.4	26.528	0	0	
"2010-04-17	00:00:00"	16.95	20.18	8.48	27.24	12.88	18.31	15.99	23.07	51.71	51.86	-0.148		84.8	87.7	26.523	0	0	
"2010-04-17	01:00:00"	16.05	12.65	9.01	24.86	12.2	9.28	16.53	21.87	50.76	50.91	-0.149		83.9	87	26.531	0	0	
"2010-04-17	02:00:00"	15.26	10.61	9.12	23.66	11.78	6.678	17.53	21.28	49.49	49.58	-0.091		86	89.7	26.528	0	0	
"2010-04-17	03:00:00"	14.6	1.381	11.9	20.68	11.24	356.7	16.31	18.89	48.78	48.9	-0.126		88.4	92.1	26.518	0	0.01	
"2010-04-17	04:00:00"	15.3	0.704	13.55	22.47	11.67	356.3	16.49	18.89	48.27	48.4	-0.137		89	92.6	26.505	0	0.01	
"2010-04-17	05:00:00"	15.25	3.505	12.21	23.66	11.77	359	17.28	20.68	48.35	48.42	-0.068		88.2	92	26.501	0	0	
"2010-04-17	06:00:00"	15.54	12.11	8.23	23.07	11.94	8.45	16.32	20.09	48.42	48.43	-0.01		87.5	91.5	26.493	0	0	
"2010-04-17	07:00:00"	14.39	13.91	9.3	21.87	11.03	11.35	17.58	19.49	48.65	48.64	0.002		86.3	90.5	26.51	2.9498	0	
"2010-04-17	08:00:00"	14.28	18.03	7.198	21.28	11.03	15.59	15.49	18.3	48.35	48.54	-0.188		87.7	91.6	26.529	56.567	0.01	
"2010-04-17	09:00:00"	13.91	23.48	8.19	20.09	10.5	21.94	14.25	17.1	48.7	49.13	-0.437		89	92.5	26.542	116.6	0.01	
"2010-04-17	10:00:00"	14.78	24.99	7.9	21.28	11.47	23.93	14.54	18.3	49.16	49.62	-0.461		87.6	91.5	26.544	162.75	0	
"2010-04-17	11:00:00"	13.41	20.1	8.62	19.49	10.45	17.67	15.51	15.91	49.81	50.31	-0.495		85.5	89.5	26.549	171.44	0	
"2010-04-17	12:00:00"	14.38	22.83	8.98	20.68	11.19	21.34	15.57	17.7	50.6	51.16	-0.559		82.9	86.3	26.543	195.07	0	
"2010-04-17	13:00:00"	12.75	13.9	11.13	18.89	9.99	10.81	17.52	16.51	51.24	52.03	-0.79		81.4	84.1	26.535	201.29	0	
"2010-04-17	14:00:00"	10.86	7.155	15.95	16.51	8.61	3.334	20.42	14.72	52.33	53.17	-0.847		78.02	80.5	26.531	178.27	0	
"2010-04-17	15:00:00"	6.396	8.06	27.72	14.12	5.191	5.252	29.99	11.74	51.33	51.99	-0.656		85.7	89.4	26.522	236.28	0.03	
"2010-04-17	16:00:00"	6.384	58.93	15.85	9.95	5.369	57.87	17.04	8.75	52.42	53.13	-0.701		84.2	87.7	26.499	239.02	0	
"2010-04-17	17:00:00"	8.28	54.09	13.98	12.33	6.707	53.5	15.73	9.95	53.57	54.39	-0.818		80	82.8	26.484	194.2	0	
"2010-04-17	18:00:00"	9.68	34.84	11.54	15.31	7.503	35.47	15.03	13.52	53.89	54.36	-0.474		77.21	80.3	26.479	85.265	0	
"2010-04-17	19:00:00"	10.36	29.09	8.47	14.72	8.03	28.62	13.27	12.33	53.6	53.85	-0.251		77.49	80.7	26.478	37.134	0	
"2010-04-17	20:00:00"	9.4	26.82	7.268	13.52	7.211	26.6	12.79	12.93	52.75	52.81	-0.058		79.36	82.9	26.478	2.0939	0	
"2010-04-17	21:00:00"	6.917	27.58	9.18	9.95	5.369	26.95	13.4	8.75	52.29	52.28	0.005		81	84.6	26.488	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-17	22:00:00"	5.385	51.68	13.93	8.16	3.956	50.61	15.07	7.561	51.5	51.42	0.076	83.7	87.4	26.505	0
"2010-04-17	23:00:00"	5.436	59.42	9.34	7.561	3.502	54.44	13.27	5.771	50.01	49.45	0.561	87	91.1	26.507	0
"2010-04-18	00:00:00"	5.252	44.86	8.57	6.368	2.93	37.54	12.45	4.578	48.82	47.93	0.889	88.7	93.3	26.508	0
"2010-04-18	01:00:00"	4.012	21.64	24.67	5.771	1.985	347.2	44.11	3.386	47.16	45.58	1.58	90	94.1	26.506	0
"2010-04-18	02:00:00"	5.285	335.5	8.1	6.964	1.611	316	9.86	3.386	46.91	44.45	2.456	91.2	94.8	26.508	0
"2010-04-18	03:00:00"	4.5	327.9	10.39	6.368	1.685	321.8	13.32	4.578	47.25	47.01	0.242	90.9	95.1	26.504	0
"2010-04-18	04:00:00"	5.054	330	9.84	6.964	3.042	328.3	12.12	5.175	48.67	48.36	0.309	89	93.5	26.497	0
"2010-04-18	05:00:00"	6.515	309.1	11.7	8.16	3.033	313.7	15.45	4.578	47.68	46.36	1.323	90	94	26.497	0
"2010-04-18	06:00:00"	7.171	332.8	7.122	8.75	3.49	331.2	10.7	5.175	46.16	44.48	1.677	89.8	94.6	26.499	0
"2010-04-18	07:00:00"	8.33	356.4	12.25	11.74	5.268	353.2	12.63	8.75	46.32	45.33	0.989	88.2	93.5	26.505	31.371
"2010-04-18	08:00:00"	9.4	360	11.98	14.12	7.255	355.2	15.47	11.74	48.68	48.8	-0.118	85.8	90.2	26.539	146.75
"2010-04-18	09:00:00"	10.04	356.6	12.54	12.93	7.936	352	14.32	12.33	50.8	51.75	-0.944	78.45	81.5	26.547	327.46
"2010-04-18	10:00:00"	10.82	7.009	11.94	15.31	8.87	2.149	16.54	14.12	53.98	55.58	-1.606	67.1	68.73	26.541	579.55
"2010-04-18	11:00:00"	9.25	357	21.57	16.51	7.64	352.6	25.33	14.12	56.93	58.79	-1.861	59.33	60.11	26.538	765.25
"2010-04-18	12:00:00"	7.399	33.55	32.89	13.52	6.23	32.78	38.35	12.33	59.47	61.3	-1.828	50.95	51.47	26.524	887.52
"2010-04-18	13:00:00"	7.302	4.056	45.1	14.72	6.219	358	50.4	13.52	61.54	63.56	-2.022	44.48	44.43	26.506	957.32
"2010-04-18	14:00:00"	6.674	38.35	56.78	14.12	5.643	34.62	56.47	12.93	63.66	65.43	-1.771	39.57	39.52	26.491	935.78
"2010-04-18	15:00:00"	6.865	57.82	41.63	15.91	5.874	56.05	48.41	13.52	65.4	67.01	-1.611	37.29	37.24	26.47	832.2
"2010-04-18	16:00:00"	5.549	31.21	58.07	13.52	4.78	30.92	60.17	11.74	66.53	67.98	-1.456	36.54	36.46	26.449	708.31
"2010-04-18	17:00:00"	5.438	18.05	58.31	11.74	4.711	10.64	63.24	11.74	67.33	68.61	-1.272	35.3	35.28	26.438	561.77
"2010-04-18	18:00:00"	4.789	60.74	51.24	11.14	4.013	56.49	52.63	9.35	67.92	68.75	-0.823	34.72	35.12	26.436	342.03
"2010-04-18	19:00:00"	8.49	97.8	17.5	14.12	6.545	96.2	17.56	12.33	66.84	67.12	-0.279	38.84	40.17	26.439	107.88
"2010-04-18	20:00:00"	7.71	100.7	8.29	9.95	4.918	95.3	10.51	6.964	62.62	61.78	0.845	47.74	52.51	26.452	5.6071
"2010-04-18	21:00:00"	8.94	98.5	6.608	12.33	5.791	93	9.49	8.75	57.76	56.93	0.83	55.92	61.15	26.47	0
"2010-04-18	22:00:00"	9	102.4	7.72	13.52	6.212	97.9	10.06	9.95	55.14	54.73	0.408	67.99	71.83	26.487	0
"2010-04-18	23:00:00"	9.19	106.4	8.01	12.93	6.536	102.1	10.63	10.54	53.24	52.86	0.379	75.84	79.68	26.486	0
"2010-04-19	00:00:00"	9.42	108.1	9.79	13.52	6.862	104.6	12.21	11.74	51.95	51.67	0.273	81.5	85.1	26.481	0
"2010-04-19	01:00:00"	9.04	109.5	8.64	13.52	6.66	106.3	11.37	11.14	50.2	50.03	0.172	86.7	90.1	26.488	0
"2010-04-19	02:00:00"	11.63	109	8.04	18.89	8.7	106.7	11.13	15.31	49.22	49.34	-0.116	89.8	92.8	26.49	0
"2010-04-19	03:00:00"	12.12	112.6	8.61	17.7	9.18	110.9	11.68	14.12	48.58	48.89	-0.309	90	92.7	26.487	0
"2010-04-19	04:00:00"	10.83	108.4	10.13	15.91	8.28	106.3	12.71	13.52	48.13	48.45	-0.32	90.4	93.1	26.487	0
"2010-04-19	05:00:00"	10.47	107.5	8.94	15.31	8.03	106.4	12.15	11.74	47.83	48.12	-0.292	91.8	94.8	26.486	0
"2010-04-19	06:00:00"	10.42	110	9.71	14.72	7.931	108.8	13.15	11.74	47.59	47.86	-0.276	92	95.2	26.486	0
"2010-04-19	07:00:00"	9.46	121.1	9.95	13.52	7.273	121	12.71	11.74	47.28	47.58	-0.302	92	95.1	26.501	7.0502
"2010-04-19	08:00:00"	10.09	119.6	10.62	15.31	7.603	118.9	13.91	11.74	47.7	48.12	-0.415	92.2	95.4	26.509	51.814
"2010-04-19	09:00:00"	9.99	116.7	10.39	14.72	7.625	114.8	13.78	12.33	48.77	49.36	-0.593	90.1	92.4	26.517	103.1
"2010-04-19	10:00:00"	9.77	128.4	12.62	14.72	7.68	127.2	14.98	12.93	50.7	51.49	-0.794	83.6	85.5	26.531	168.09
"2010-04-19	11:00:00"	10.62	128.8	12.62	15.31	8.46	127	15.32	13.52	51.71	52.9	-1.186	80.2	81.1	26.528	330.92
"2010-04-19	12:00:00"	8.55	122.7	18.13	13.52	6.994	121.2	21.15	12.93	53.9	55.17	-1.265	74.17	74.71	26.518	490.78
"2010-04-19	13:00:00"	7.494	126.4	26.06	14.12	6.347	125.6	28.31	12.33	56.49	57.83	-1.332	68.13	68.37	26.504	773.04
"2010-04-19	14:00:00"	7.58	116	27.36	14.12	6.345	115.2	29.58	13.52	59.47	60.92	-1.447	61.7	61.51	26.477	817.31
"2010-04-19	15:00:00"	8.63	145.9	23.49	15.31	7.171	143.7	24.7	13.52	61.72	63.07	-1.35	56.73	56.55	26.462	633.94
"2010-04-19	16:00:00"	10.44	154.3	20.64	18.89	8.63	152.6	22.36	15.91	63.36	64.58	-1.216	52.4	52.36	26.436	436.74
"2010-04-19	17:00:00"	11.65	159.4	13.5	17.7	9.38	157.6	16.2	16.51	63.61	64.64	-1.032	51.15	51.4	26.424	328.46
"2010-04-19	18:00:00"	12.36	156.4	10.29	17.1	9.82	153.5	11.6	15.91	62.6	63.22	-0.624	53.43	54.35	26.423	146.28

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-19	19:00:00"	12.21	148.6	7.99	16.51	9.44	145.9	9.7	14.12	60.59	60.88	-0.285	59.57	61.16	26.427	61.767	0	
"2010-04-19	20:00:00"	9.72	139.7	8.97	14.12	7.164	137.8	10.12	11.74	58.19	58.11	0.076	65.93	68.44	26.437	4.3679	0	
"2010-04-19	21:00:00"	8.88	126	9.02	12.33	6.526	124.1	11.69	9.95	56.21	56.19	0.025	71.99	74.69	26.455	0	0	
"2010-04-19	22:00:00"	8.71	108.5	11.89	11.74	6.493	105.3	14.62	10.54	53.36	53.37	-0.016	80.1	82.8	26.47	0	0	
"2010-04-19	23:00:00"	7.534	101.2	8.74	11.14	5.669	97.7	10.77	8.16	51.66	51.71	-0.052	84.1	86.9	26.478	0	0	
"2010-04-20	00:00:00"	6.211	82.9	8.74	8.75	4.49	77.31	11.94	7.561	51.03	50.95	0.074	86.4	89.4	26.473	0	0	
"2010-04-20	01:00:00"	7.044	91.7	8.73	9.95	4.92	86.6	11.15	7.561	49.87	49.67	0.207	87.7	91.2	26.462	0	0	
"2010-04-20	02:00:00"	6.691	104.7	10.88	9.35	4.634	101.6	14.17	8.16	48.86	48.72	0.145	89.6	92.9	26.439	0	0	
"2010-04-20	03:00:00"	6.65	103.3	9.4	9.35	4.876	100.3	11.98	8.16	48.2	48.22	-0.014	90.8	94	26.422	0	0	
"2010-04-20	04:00:00"	8.83	102.3	8.95	13.52	6.799	99.5	11.55	10.54	48.02	48.17	-0.146	91.4	94.5	26.418	0	0	
"2010-04-20	05:00:00"	8.83	115	12.26	12.33	6.7	114.2	15.1	9.95	48.13	48.35	-0.219	91.9	94.9	26.419	0	0	
"2010-04-20	06:00:00"	7.254	136	8.96	10.54	5.313	135.5	10.84	8.75	47.99	48.26	-0.273	91.8	94.7	26.419	0	0	
"2010-04-20	07:00:00"	7.608	138.2	8.75	10.54	5.704	137.6	10.73	8.75	47.78	48.05	-0.272	92.1	95.2	26.42	9.1982	0	
"2010-04-20	08:00:00"	8.07	163.2	12.59	11.14	6.428	162.1	14.86	9.95	48.35	48.73	-0.376	92.3	95.2	26.43	76.485	0	
"2010-04-20	09:00:00"	7.978	178.3	14.74	12.33	6.656	176.3	18.31	10.54	51.39	52.27	-0.874	87.4	88.1	26.434	378.71	0	
"2010-04-20	10:00:00"	8.84	196.2	19.29	14.72	7.245	195	23.31	14.72	57.57	58.81	-1.243	72.76	72.97	26.427	612.9	0	
"2010-04-20	11:00:00"	10.94	214.3	16	16.51	9.04	215.1	19.61	14.72	62.76	64.43	-1.669	60.87	60.07	26.422	780.48	0	
"2010-04-20	12:00:00"	12.03	211.5	16.09	20.09	9.87	211.8	20.57	17.7	66.89	68.75	-1.86	48.86	47.72	26.407	899.79	0	
"2010-04-20	13:00:00"	12.51	215.2	16.25	21.28	10.32	215.8	20.02	18.3	70.2	72.15	-1.958	39.97	38.85	26.381	956.48	0	
"2010-04-20	14:00:00"	12.18	220.9	21.84	21.87	10.26	222.7	25.18	18.89	72.35	74.37	-2.022	35.67	34.54	26.358	907.72	0	
"2010-04-20	15:00:00"	13.19	209.5	22.43	23.66	10.74	208.5	26.17	20.09	73.44	75.33	-1.898	33.26	32.24	26.338	814.01	0	
"2010-04-20	16:00:00"	11.77	209.5	23.32	23.07	9.77	210.1	27.24	20.68	74.37	75.95	-1.576	31.23	30.44	26.313	740.22	0	
"2010-04-20	17:00:00"	12.21	203.2	18.61	23.07	9.8	203.1	21.82	19.49	75.22	76.63	-1.413	28.3	27.66	26.3	565.35	0	
"2010-04-20	18:00:00"	12.08	207.4	21.83	21.28	9.61	207.5	25.06	18.3	75.43	76.37	-0.948	26.93	26.59	26.297	356.29	0	
"2010-04-20	19:00:00"	12.7	209.5	10.85	18.89	9.43	210.4	14.52	16.51	74.9	75.1	-0.203	27.74	27.99	26.29	133.76	0	
"2010-04-20	20:00:00"	8.66	194.3	10.77	12.93	5.685	192.3	12.65	9.35	71.16	70.11	1.054	33.63	35.63	26.286	8.2922	0	
"2010-04-20	21:00:00"	10.02	172.7	8.52	15.31	6.645	167.6	11.58	11.74	66.76	65.69	1.063	41.31	44.51	26.293	0	0	
"2010-04-20	22:00:00"	11.77	171.5	7.175	17.1	8.71	168.1	9.28	13.52	64.56	64.1	0.467	50.52	52.81	26.301	0	0	
"2010-04-20	23:00:00"	13.99	169.2	7.342	20.09	10.55	166.3	9.77	16.51	63.12	62.8	0.317	58.12	60.33	26.298	0	0	
"2010-04-21	00:00:00"	11.7	173.9	8.25	17.1	8.75	172.2	10.77	13.52	61.13	60.81	0.325	64.52	66.99	26.294	0	0	
"2010-04-21	01:00:00"	10.78	181.9	8.33	15.91	7.936	180.5	11.38	12.33	59.37	59.08	0.289	72.64	75.26	26.293	0	0	
"2010-04-21	02:00:00"	9.8	195.4	9.93	14.12	7.149	196.1	12.87	11.74	57.46	57.17	0.291	79.35	82.2	26.278	0	0	
"2010-04-21	03:00:00"	9.27	199.8	7.528	12.93	6.756	199.8	11.1	9.95	56.06	55.74	0.322	83.5	86.5	26.26	0	0	
"2010-04-21	04:00:00"	7.42	201.4	5.281	11.14	4.775	201.6	9.53	8.16	54.66	54	0.654	86.7	90.2	26.255	0	0	
"2010-04-21	05:00:00"	7.182	205.9	5.267	8.75	4.257	209.1	9.88	6.368	53.84	52.95	0.889	88.7	92.4	26.252	0	0	
"2010-04-21	06:00:00"	7.43	198.3	5.06	9.35	4.183	202.9	9.8	5.771	53.08	51.91	1.165	90.8	94	26.252	0	0	
"2010-04-21	07:00:00"	7.615	208.4	7.643	9.95	5.296	211.2	11.41	8.16	53.04	52.89	0.157	92.3	95.1	26.258	13.894	0	
"2010-04-21	08:00:00"	10.29	204.6	8.48	14.12	7.894	207.5	12.44	12.33	54.21	54.58	-0.365	92.9	95.4	26.268	146.31	0	
"2010-04-21	09:00:00"	10.97	215.5	8.53	14.72	8.81	218.2	12.81	12.33	58.13	59.33	-1.201	83.9	83.3	26.269	414.67	0	
"2010-04-21	10:00:00"	9.66	217.1	11.82	14.72	8.01	218.3	15.63	11.74	65.69	66.95	-1.265	63.04	62.6	26.261	619.81	0	
"2010-04-21	11:00:00"	10.99	234	16.06	17.7	9.35	235	19.35	15.31	72.26	73.74	-1.483	44.24	43.28	26.254	788.6	0	
"2010-04-21	12:00:00"	11.66	232.4	21.98	19.49	9.9	233.6	24.63	18.3	76.55	78.32	-1.768	35.98	34.74	26.239	913.87	0	
"2010-04-21	13:00:00"	10.05	221.4	25.26	20.68	8.32	222.2	29.93	18.3	78.92	80.4	-1.461	31.24	30.19	26.208	766.87	0	
"2010-04-21	14:00:00"	12.5	207.2	18.27	24.26	10.03	206.6	22.41	21.28	80.3	81.5	-1.239	26.41	25.58	26.181	578.45	0	
"2010-04-21	15:00:00"	12.85	213.7	18.11	22.47	10.25	214	21.71	19.49	80.8	81.9	-1.162	25.53	24.64	26.159	462.44	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-21	16:00:00"	12.56	191.5	22.35	25.45	9.91	190.5	25.45	20.68	80.9	81.6	-0.748	26	25.38	26.135	396.85
"2010-04-21	17:00:00"	13.58	179.9	16.44	23.07	10.68	176.7	19.01	19.49	81.5	82.4	-0.941	26.32	25.5	26.111	421.87
"2010-04-21	18:00:00"	15.05	168	13.97	26.05	11.76	164.7	15.21	21.28	81.6	82.2	-0.536	26.09	25.43	26.095	283.64
"2010-04-21	19:00:00"	17.82	155.7	8.51	26.05	13.91	152.6	9.91	21.28	78.32	78.21	0.103	31.83	31.68	26.091	31.464
"2010-04-21	20:00:00"	16.5	157.4	7.622	24.86	12.64	154.1	9.08	20.09	74.97	74.66	0.302	40.05	40.57	26.094	6.4538
"2010-04-21	21:00:00"	15.08	151	9.34	24.26	11.32	148.2	10.19	18.89	71.23	70.82	0.407	47.17	48.41	26.108	0
"2010-04-21	22:00:00"	17.72	153.8	8.55	27.84	13.66	150.5	9.76	22.47	68.99	68.7	0.295	56.89	58.23	26.116	0
"2010-04-21	23:00:00"	17.57	155.7	7.866	24.86	13.52	152.5	9.22	20.68	67.35	67.15	0.208	64.91	66.33	26.121	0
"2010-04-22	00:00:00"	18.18	155.7	8.17	26.65	14.06	152.2	9.45	21.87	65.59	65.41	0.173	73.25	74.85	26.115	0
"2010-04-22	01:00:00"	17.74	161	8.2	29.03	13.68	157.6	10.06	24.26	63.97	63.81	0.157	78.84	80.6	26.108	0
"2010-04-22	02:00:00"	19.29	170.5	8.08	29.63	14.84	167.7	10.57	24.26	63.37	63.3	0.073	81.5	83.2	26.096	0
"2010-04-22	03:00:00"	18.09	177.2	10.64	29.63	13.92	174.9	13.13	24.86	63.38	63.45	-0.07	81.3	82.7	26.087	0
"2010-04-22	04:00:00"	15.77	175.8	9.26	26.65	12.1	173.3	11.91	19.49	62.58	62.68	-0.096	82.4	83.8	26.082	0
"2010-04-22	05:00:00"	16.75	178.8	8.64	26.65	12.83	176.8	11.53	20.09	61.97	62.08	-0.11	83.2	84.6	26.079	0
"2010-04-22	06:00:00"	13.65	191.7	12.75	23.07	10.34	190.7	16.05	18.3	61.75	61.86	-0.114	84	85.5	26.088	0
"2010-04-22	07:00:00"	10.86	194.4	10.42	15.91	8.21	192.1	13.74	14.72	61.65	61.79	-0.133	85	86.5	26.095	10.554
"2010-04-22	08:00:00"	11.73	193.9	9.7	17.1	8.99	192.8	13.67	14.72	61.87	62.24	-0.365	85	86	26.104	89.906
"2010-04-22	09:00:00"	11.23	200.5	14.09	16.51	8.87	199.6	18.1	14.12	64.26	65.23	-0.972	78.51	78.19	26.107	396.89
"2010-04-22	10:00:00"	9.17	233	28.94	14.72	7.452	233.6	30.58	13.52	68.6	69.94	-1.342	59.59	58.86	26.105	625.19
"2010-04-22	11:00:00"	8.34	261.2	33.31	15.91	6.606	263.2	37.66	15.31	71.55	73.02	-1.478	40.34	39.66	26.098	805.57
"2010-04-22	12:00:00"	7.9	243.9	49.51	20.09	6.399	243.4	52.84	16.51	73.27	74.88	-1.613	35.5	34.74	26.084	918.96
"2010-04-22	13:00:00"	10.69	206.4	32.51	25.45	8.59	205	37.78	20.68	74.96	76.67	-1.715	33.19	32.21	26.054	930.55
"2010-04-22	14:00:00"	14.46	211.2	19.13	28.43	11.74	210.8	23.6	24.26	77.23	79.21	-1.978	27.24	26.1	26.026	929.16
"2010-04-22	15:00:00"	17.88	221.8	17.1	29.03	14.16	222.9	20.39	25.45	78.26	80	-1.739	23.38	22.35	26.007	647.37
"2010-04-22	16:00:00"	16.92	222.2	13.26	33.21	13.46	223.4	15.9	29.03	79	80.4	-1.349	22.77	22	25.978	595.25
"2010-04-22	17:00:00"	18.3	225.6	12.88	27.24	14.42	226.6	15.33	24.86	79.47	80.4	-0.901	20.45	19.81	25.949	351.13
"2010-04-22	18:00:00"	15.55	218	12.14	27.24	11.73	218.7	15.18	21.28	79.39	79.76	-0.37	20.38	20.1	25.938	212.19
"2010-04-22	19:00:00"	20.34	234.6	38.24	39.77	14.55	235.6	38.75	32.01	78.34	78.26	0.074	19.85	19.65	25.931	53.955
"2010-04-22	20:00:00"	22.47	324	8.85	33.21	15.69	323.2	11.15	27.84	65.17	65.19	-0.018	48.81	49.97	25.975	3.751
"2010-04-22	21:00:00"	22.44	319.6	9.24	33.8	15.29	319.3	11.33	29.63	61.44	61.45	-0.012	50.39	52.08	26.019	0
"2010-04-22	22:00:00"	22.43	300.5	9	36.19	12.44	301.1	11.76	24.86	59.92	59.77	0.151	51.15	53.78	26.062	0
"2010-04-22	23:00:00"	18.42	291	8.84	27.84	11.02	292.2	11.19	20.68	59.49	59.33	0.166	45.53	47.85	26.077	0
"2010-04-23	00:00:00"	17.25	287.4	9.87	32.61	11.14	288.1	12	26.05	57.65	57.29	0.36	39.1	41.67	26.082	0
"2010-04-23	01:00:00"	24.64	292.9	7.965	36.19	14.51	293.6	10.57	27.84	55.41	55.09	0.319	32.46	34.71	26.08	0
"2010-04-23	02:00:00"	20.93	293.4	8.77	32.61	12.34	293.7	11.4	26.05	53.21	52.9	0.311	34.11	36.53	26.083	0
"2010-04-23	03:00:00"	12.87	284.5	7.784	20.68	8.57	285.5	10.39	17.1	50.9	50.41	0.482	37.86	41.18	26.095	0
"2010-04-23	04:00:00"	10.54	269.2	10.73	18.3	7.578	270.2	12.76	15.31	49.13	48.54	0.586	40.94	45.19	26.107	0
"2010-04-23	05:00:00"	5.951	216.5	26.27	9.35	3.869	205	36.9	7.561	47.63	45.75	1.884	43.29	51.16	26.117	0
"2010-04-23	06:00:00"	7.77	214.3	13.87	11.74	4.992	212.9	19.41	8.75	46.11	44.88	1.227	45.59	52.27	26.117	0.00796
"2010-04-23	07:00:00"	8.86	232	8.19	12.93	6.701	235.3	10.06	11.14	45.84	45.3	0.531	45.65	50.78	26.123	33.211
"2010-04-23	08:00:00"	10.59	231.8	9.23	16.51	8.83	233.9	11.64	14.72	48.6	48.95	-0.351	42.87	46.08	26.136	177.48
"2010-04-23	09:00:00"	16.79	251.2	13.15	26.65	13.4	253.7	15.38	23.07	55.07	55.97	-0.898	31.92	33.49	26.139	341.1
"2010-04-23	10:00:00"	24.97	261.4	11.49	38.57	19.55	263.6	13.38	32.61	56.9	57.83	-0.929	29.81	30.98	26.142	404.9
"2010-04-23	11:00:00"	24.79	259.8	9.91	37.38	19.32	261.9	11.82	31.42	56.64	57.61	-0.974	31.25	32.34	26.148	385.12
"2010-04-23	12:00:00"	24.63	257.1	10.46	37.98	19.5	259.2	12.76	30.82	58.99	60.95	-1.954	30.54	30.76	26.139	828.54

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-04-23	13:00:00"	27.27	256.1	13.48	42.15	21.85	258.3	15.29	36.19	59.75	61.73	-1.981	31.36	31.29	26.122	854.48	0
"2010-04-23	14:00:00"	33.23	244.2	11.6	56.47	27.76	246.3	13.66	45.13	61.85	63.61	-1.76	28.2	28.06	26.096	896.89	0
"2010-04-23	15:00:00"	34.21	244.9	10.63	54.08	28.47	246.7	12.66	46.92	63.64	65.2	-1.567	24.23	24.18	26.076	892.51	0
"2010-04-23	16:00:00"	35.43	254.5	12.25	52.89	28.56	256.9	14.13	46.92	64.34	65.58	-1.247	22.78	22.91	26.071	747.35	0
"2010-04-23	17:00:00"	31.49	268.1	10.51	46.92	24	270	12.44	37.38	63.88	65.24	-1.359	24.28	24.43	26.076	626.74	0
"2010-04-23	18:00:00"	28.02	265	9.61	43.94	21.46	267.1	11.75	35.59	61.93	62.75	-0.821	26.72	27.34	26.082	311.71	0
"2010-04-23	19:00:00"	28.26	258.9	8.75	40.96	22.04	261	11.17	33.8	59.79	59.88	-0.088	28.95	30.25	26.085	79.074	0
"2010-04-23	20:00:00"	27.67	273.9	9.09	39.17	20.41	275.8	11.14	33.21	58.38	58.16	0.215	30.05	31.76	26.089	11.446	0
"2010-04-23	21:00:00"	30.13	277.4	7.704	42.75	21.77	278.8	10.17	35.59	56.36	56.07	0.292	30.5	32.46	26.093	0	0
"2010-04-23	22:00:00"	23.07	275.9	8.21	34.4	16.73	277.3	10.47	28.43	54.99	54.66	0.331	34.5	36.7	26.126	0	0
"2010-04-23	23:00:00"	18.9	264.3	10.85	28.43	14.34	266.5	12.52	25.45	53.94	53.59	0.357	35.58	37.93	26.139	0	0
"2010-04-24	00:00:00"	15.24	257.1	8.64	25.45	11.66	259.4	11.45	22.47	52.29	51.89	0.399	36.95	39.65	26.14	0	0
"2010-04-24	01:00:00"	16.62	255.4	10.34	30.82	12.99	257.3	12.47	26.05	52	51.6	0.4	37.88	40.77	26.14	0	0
"2010-04-24	02:00:00"	19.16	258.5	8.29	27.84	14.46	260.6	11.06	23.66	52.2	51.82	0.385	38.13	41.04	26.128	0	0
"2010-04-24	03:00:00"	22.03	260	7.779	33.21	16.87	262.1	10.64	27.84	52.45	52.08	0.367	36.26	38.85	26.116	0	0
"2010-04-24	04:00:00"	22	263.4	7.871	32.61	16.86	265.2	10.37	27.24	51.74	51.39	0.347	36.7	39.31	26.115	0	0
"2010-04-24	05:00:00"	20.23	262.9	7.948	28.43	15.59	265.4	10.89	23.07	50.45	50.12	0.332	39.08	42.31	26.127	0	0
"2010-04-24	06:00:00"	20	260	8.37	30.22	15.4	262.6	10.69	25.45	49.8	49.47	0.326	41.08	44.55	26.142	0.02723	0
"2010-04-24	07:00:00"	18.37	264.2	8.96	26.05	14.05	266.2	11.24	24.26	49.35	49.13	0.225	42.79	46.25	26.165	38.204	0
"2010-04-24	08:00:00"	17.07	274.3	10.28	27.24	12.44	276.6	12.14	21.87	51.74	52.14	-0.4	41.13	43.58	26.194	221.89	0
"2010-04-24	09:00:00"	18.7	276.2	9.76	26.05	13.76	277	11.49	21.87	55.86	56.91	-1.056	37.02	38.06	26.211	439.29	0
"2010-04-24	10:00:00"	19.43	291.7	15.32	31.42	12.79	292	16.42	24.86	60.07	61.64	-1.574	33.69	34	26.215	645.32	0
"2010-04-24	11:00:00"	15.98	308.4	15.3	26.65	10.3	307.5	16.6	18.89	62.61	64.78	-2.17	32.03	31.8	26.224	815.68	0
"2010-04-24	12:00:00"	14.23	312	19.38	27.24	9.73	310.9	19.83	26.65	65.34	67.94	-2.596	29.7	29.11	26.222	931.87	0
"2010-04-24	13:00:00"	14.4	299.2	19.22	29.63	9.97	298.7	20.6	23.07	68.04	70.48	-2.433	27.19	26.53	26.215	981.79	0
"2010-04-24	14:00:00"	12.55	291.3	29.91	23.66	9.17	291.9	31.15	20.09	69.83	72.34	-2.51	25.87	25.13	26.206	958.67	0
"2010-04-24	15:00:00"	15.45	294.6	24.84	31.42	10.49	294.6	25.66	27.24	72.2	74.54	-2.344	23.18	22.39	26.195	884.76	0
"2010-04-24	16:00:00"	17.29	295.6	16.35	36.78	11.55	295.2	17.99	25.45	73.52	75.56	-2.036	21.26	20.56	26.184	730.01	0
"2010-04-24	17:00:00"	14.04	307.6	20.18	33.8	9.5	307.1	21.05	27.84	73.95	75.32	-1.372	21	20.7	26.184	419.91	0
"2010-04-24	18:00:00"	14.01	311.6	17.35	24.26	9.2	310.7	18.28	18.89	74.19	74.96	-0.778	20.68	20.61	26.193	252.67	0
"2010-04-24	19:00:00"	10.17	316.4	28.39	19.49	7.311	315.4	27.21	15.31	73.2	73.12	0.077	22.03	22.46	26.207	50.348	0
"2010-04-24	20:00:00"	9.06	31.7	30.36	16.51	6.405	30.15	30.57	13.52	69.82	69.16	0.661	26.61	28.1	26.231	3.4042	0
"2010-04-24	21:00:00"	5.66	62.27	46.84	11.14	3.904	58.7	66.55	9.35	66.6	65.63	0.966	31.03	33.58	26.273	0	0
"2010-04-24	22:00:00"	11.35	44.99	24.48	18.3	7.903	43	26.88	14.12	62.13	61.09	1.033	43.06	49.33	26.325	0	0.01
"2010-04-24	23:00:00"	12.43	66.72	20.08	20.09	8.76	65.77	23.49	17.7	60.27	59.07	1.207	43.92	50.89	26.362	0	0
"2010-04-25	00:00:00"	8.06	58.39	11.12	12.93	4.909	55.16	13.6	8.75	55.73	54.17	1.567	52	60.35	26.361	0	0
"2010-04-25	01:00:00"	9.28	63.7	10.17	12.93	5.899	60.18	13.91	8.75	52.74	51.59	1.153	57.86	65.13	26.353	0	0
"2010-04-25	02:00:00"	9.7	32.24	10.72	13.52	6.533	30.86	13.92	11.14	51.25	50.44	0.804	60.72	67.18	26.374	0	0
"2010-04-25	03:00:00"	9.25	48.15	11.03	12.93	6.086	47.36	12.75	10.54	52.1	51.12	0.973	59	65.81	26.36	0	0
"2010-04-25	04:00:00"	7.708	40.39	9.4	11.74	4.378	43.29	14.39	8.16	50.81	48.71	2.095	61.61	71.75	26.361	0	0
"2010-04-25	05:00:00"	5.871	338.8	49.45	9.35	3.3	328	43.78	5.771	52.6	47.47	5.133	54.35	71.83	26.373	0	0
"2010-04-25	06:00:00"	8.8	308.7	6.036	12.33	4.03	308.9	9.37	6.964	46.59	44.94	1.652	70.36	78.98	26.389	0.05235	0
"2010-04-25	07:00:00"	9.73	319.7	7.896	14.72	5.62	318.3	10.93	9.35	47.5	46.47	1.031	69.51	76.43	26.4	39.801	0
"2010-04-25	08:00:00"	9.64	312.4	8.83	13.52	6.08	311.8	11.69	10.54	52.8	53.18	-0.38	59.33	62.72	26.424	221.27	0
"2010-04-25	09:00:00"	9.62	308.8	11.16	14.12	6.228	308.7	14.73	11.74	58.51	59.65	-1.138	45.67	47.38	26.432	443.14	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-25	10:00:00"	4.81	266.5	35.1	10.54	3.922	264.4	41.88	8.75	62.84	63.77	-0.926	28.7	29.86	26.429	654.22	0	
"2010-04-25	11:00:00"	5.644	243.6	45.71	13.52	4.893	244.5	46.81	12.93	65.52	66.68	-1.167	22.22	23.08	26.427	827.64	0	
"2010-04-25	12:00:00"	8.87	226.5	32.2	17.7	7.715	229.3	35.09	17.1	67.69	69.27	-1.583	22.08	22.31	26.416	943.47	0	
"2010-04-25	13:00:00"	9.78	219.4	29	20.68	8.24	218.9	33.66	17.7	69.71	71.47	-1.762	24.4	24.12	26.391	995.97	0	
"2010-04-25	14:00:00"	11.87	241.6	26.79	23.66	9.81	243.9	29.6	20.09	72.12	74.3	-2.182	24.34	23.63	26.361	961.67	0	
"2010-04-25	15:00:00"	12.29	248.7	23.71	22.47	10.01	250.2	25.91	18.89	74.33	76.42	-2.089	21.59	20.86	26.34	907.33	0	
"2010-04-25	16:00:00"	11.62	274.5	23.45	24.26	8.87	275.1	24.26	19.49	75.94	77.9	-1.956	14.76	14.4	26.315	782.66	0	
"2010-04-25	17:00:00"	13.77	283.1	23.08	49.31	9.83	284.4	24.56	42.75	77.12	78.71	-1.593	13.81	13.42	26.286	596.28	0	
"2010-04-25	18:00:00"	11.13	270.8	17.34	29.63	8.51	272.2	19.27	30.22	77.16	78.16	-1	14.83	14.58	26.273	372.47	0	
"2010-04-25	19:00:00"	7.928	269.1	15.26	16.51	5.94	268.9	17.89	13.52	76.91	76.93	-0.017	14.01	14.34	26.271	151.41	0	
"2010-04-25	20:00:00"	5.824	241.9	15.49	9.95	3.456	241.3	27.77	8.16	74.45	72.04	2.408	15.08	17.19	26.276	12.635	0	
"2010-04-25	21:00:00"	4.341	197.3	9.83	5.771	2.415	150.1	29.15	3.982	71.85	67.57	4.286	16.34	20.81	26.289	0	0	
"2010-04-25	22:00:00"	5	196.2	8.12	6.368	2.654	187.2	9.08	4.578	69.96	66.6	3.357	16.11	19.91	26.302	0	0	
"2010-04-25	23:00:00"	7.359	181	9.86	10.54	4.209	180.3	18.24	6.368	65.64	61.67	3.968	21.6	26.94	26.306	0	0	
"2010-04-26	00:00:00"	8.38	214.4	19.67	11.74	4.716	216.9	23.13	6.964	60.84	57.04	3.794	24.91	31.92	26.295	0	0	
"2010-04-26	01:00:00"	6.905	258.2	13.01	9.95	3.939	252.3	15.99	7.561	60.88	56.5	4.372	22.64	30.12	26.293	0	0	
"2010-04-26	02:00:00"	7.302	284.5	19.6	13.52	2.969	282.4	20.77	9.35	56.67	52.47	4.195	27.75	35.88	26.288	0	0	
"2010-04-26	03:00:00"	9.96	302.9	3.885	11.74	3.799	311.2	10.37	6.964	58.87	52.47	6.395	23.09	33.86	26.272	0	0	
"2010-04-26	04:00:00"	10.47	311.8	6.474	15.31	5.195	315.4	9.18	11.14	54.96	51.77	3.186	27.37	34.06	26.271	0	0	
"2010-04-26	05:00:00"	11.01	312.4	5.853	14.72	5.703	313.6	9.39	10.54	54.41	52.4	2.014	28.57	33.41	26.271	0	0	
"2010-04-26	06:00:00"	9.03	303.6	6.258	13.52	3.73	301.5	9.81	8.16	52.55	50.17	2.387	31.32	37.04	26.269	0.06136	0	
"2010-04-26	07:00:00"	14.1	324.3	13.81	27.84	8.98	323.1	14.78	23.07	55.71	54.55	1.161	28.92	32.45	26.284	41.818	0	
"2010-04-26	08:00:00"	22.63	10.9	13.24	35	16.99	6.931	18.71	30.82	55.21	55.61	-0.401	43.71	45.36	26.327	226.49	0	
"2010-04-26	10:00:00"	29.36	28.04	8.41	40.96	22.2	27.07	13.78	34.4	56.5	57.57	-1.072	49.74	50.27	26.363	437.42	0	
"2010-04-26	11:00:00"	29.48	36.02	8.93	39.17	22.16	35.08	12.9	35	57.92	59.64	-1.72	49.14	48.6	26.386	636.24	0	
"2010-04-26	12:00:00"	24.87	39.54	11.47	36.19	18.97	38.57	14.66	31.42	58.84	61.1	-2.259	49.68	48.2	26.414	802.9	0	
"2010-04-26	13:00:00"	23.07	36.96	11.93	33.8	17.67	36.13	14.88	26.65	59.64	62.32	-2.684	48.59	46.41	26.433	917.72	0	
"2010-04-26	14:00:00"	19.41	35.23	13.73	30.82	15.06	34.59	17.11	26.65	59.24	62.18	-2.941	47.51	45.05	26.437	971.38	0	
"2010-04-26	15:00:00"	18.25	36.45	12.79	27.24	14.42	34.87	16.97	23.07	59.33	62.35	-3.019	45.48	43.04	26.429	940.46	0	
"2010-04-26	16:00:00"	15.43	49.63	14.88	23.66	12.32	49.08	17.14	20.09	60.05	62.88	-2.827	43.54	41.48	26.416	892.86	0	
"2010-04-26	17:00:00"	13.33	52.66	17.37	23.66	10.7	51.24	19.69	20.68	60.46	62.92	-2.457	42.67	41.12	26.403	760.35	0	
"2010-04-26	18:00:00"	13.09	56.56	14.28	23.07	10.42	55.92	16.93	20.68	60.44	62.6	-2.164	42.3	41.12	26.394	578.37	0	
"2010-04-26	19:00:00"	12.78	50.49	13.29	20.09	10.1	49.42	15.52	17.1	60.51	62.04	-1.531	41.6	41.22	26.386	362.89	0	
"2010-04-26	20:00:00"	12.7	59.29	11.66	18.89	9.75	58.46	13.89	15.31	59.4	60.03	-0.623	43.01	43.92	26.387	145.69	0	
"2010-04-26	21:00:00"	10.84	82.3	12.82	18.89	8.01	80.9	13.79	15.91	56.37	56.22	0.147	48.52	50.87	26.397	11.784	0	
"2010-04-26	22:00:00"	8.83	86.5	6.712	12.33	6.258	83.6	8.76	9.35	52.59	52.26	0.331	56.71	59.87	26.419	0	0	
"2010-04-26	23:00:00"	9.2	75.21	8.77	14.12	6.325	72.26	11.05	11.14	49.95	49.46	0.49	62.72	66.62	26.44	0	0	
"2010-04-27	00:00:00"	10.2	67.85	8.79	14.12	7.369	65.4	11.25	11.74	48.97	48.58	0.385	64.65	68.53	26.456	0	0	
"2010-04-27	01:00:00"	9.62	63.24	7.785	13.52	6.833	60.65	10.38	11.74	47.23	46.81	0.42	68.24	72.43	26.458	0	0	
"2010-04-27	02:00:00"	9.09	71.04	9.22	12.93	6.355	69.02	11.28	9.95	45.96	45.54	0.42	70.84	75.24	26.465	0	0	
"2010-04-27	03:00:00"	6.855	78.99	9.08	11.14	4.335	73.72	12.96	8.75	44.73	43.93	0.791	73.34	78.45	26.473	0	0	
"2010-04-27	04:00:00"	6.029	42.72	10.71	7.561	3.444	30.3	15.8	5.175	42.48	41.22	1.261	77.66	83.9	26.46	0	0	
"2010-04-27	05:00:00"	4.897	26.68	6.925	6.368	3.009	356.6	13.17	4.578	42.16	39.52	2.642	77.92	86	26.465	0	0	
"2010-04-27	06:00:00"	5.841	13.22	7.339	8.16	3.788	354.8	9.19	5.175	43.81	39.25	4.555	74.52	86	26.477	0	0	
"2010-04-27	07:00:00"	7.622	5.582	5.028	9.35	3.962	358.8	10.37	5.771	43.45	38.12	5.327	73.82	87.3	26.487	0.09466	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-27	08:00:00"	8.01	3.603	12.36	9.95	4.653	356.5	11.62	7.561	42.15	40.34	1.815	76.74	85.3	26.507	36.65	0	
"2010-04-27	09:00:00"	4.23	358.3	12.86	8.75	3.412	354.9	13.74	6.964	46.27	46.75	-0.477	72.37	75.55	26.545	140.18	0	
"2010-04-27	10:00:00"	4.733	76.33	57.89	12.93	3.871	78.31	63.1	11.14	52.38	53.29	-0.908	50.07	51.85	26.563	437.37	0	
"2010-04-27	11:00:00"	8.46	133.7	20.37	17.1	6.961	131	24.29	14.12	56.69	57.98	-1.293	32.76	33.83	26.558	645.17	0	
"2010-04-27	12:00:00"	9.82	136.3	17.97	17.7	8.1	134.7	19.58	14.72	59.37	61.03	-1.656	30.1	30.61	26.553	814.33	0	
"2010-04-27	13:00:00"	9.73	129.7	22.86	17.7	8.08	127.9	23.79	15.31	61.85	63.64	-1.795	28.01	28.21	26.54	931.69	0	
"2010-04-27	14:00:00"	9.43	132.6	26.26	19.49	7.821	131.5	28.85	14.72	63.99	65.96	-1.963	26.69	26.59	26.514	987.23	0	
"2010-04-27	15:00:00"	9.83	148.8	31.93	17.7	8.11	146.3	33.17	15.91	65.76	67.67	-1.914	25.81	25.57	26.487	965.7	0	
"2010-04-27	16:00:00"	10.77	166.1	28.01	20.09	8.87	164.8	30.94	17.7	67.05	68.96	-1.908	25.57	25.16	26.458	924.85	0	
"2010-04-27	17:00:00"	11.78	161.5	25.7	21.87	9.66	160.2	27.36	17.7	68.06	69.84	-1.783	25.67	25.21	26.43	780.94	0	
"2010-04-27	18:00:00"	10.53	168.2	21.09	20.68	8.72	167.1	23.65	18.89	69.2	70.58	-1.373	25.62	25.33	26.409	601.98	0	
"2010-04-27	19:00:00"	10.65	166.4	20.23	18.89	8.65	161.9	24.2	17.1	69.1	70.15	-1.051	26.21	26.11	26.399	352.01	0	
"2010-04-27	20:00:00"	12	166.1	14.72	17.7	9.32	163	16.69	14.72	68.75	69.15	-0.398	26.96	27.33	26.39	141.61	0	
"2010-04-27	21:00:00"	8.98	155.7	8.77	13.52	6.126	151.6	10.15	10.54	65.41	64.8	0.604	30.6	32.17	26.393	12.759	0	
"2010-04-27	22:00:00"	9.56	140.6	8.6	12.93	6.152	136.9	10	9.95	61.02	60.04	0.978	35.86	38.3	26.401	0	0	
"2010-04-27	23:00:00"	10.59	140	8.22	14.72	7.159	136.8	10.12	11.74	59.35	58.52	0.833	38.53	41.38	26.415	0	0	
"2010-04-28	00:00:00"	10.45	144.7	7.032	14.72	6.997	141.9	8.52	10.54	57.66	56.92	0.743	41.86	45.09	26.42	0	0	
"2010-04-28	01:00:00"	10.17	157.5	13.43	16.51	6.872	153.8	14.65	11.14	55.38	54.66	0.714	45.67	49.3	26.411	0	0	
"2010-04-28	02:00:00"	9.53	171.9	6.415	12.33	6.25	169.1	9.01	8.75	52.16	51.45	0.711	50.8	54.9	26.401	0	0	
"2010-04-28	03:00:00"	9.83	178.9	8.11	14.72	6.732	174.8	10.67	11.14	51.19	50.43	0.76	52.42	56.75	26.379	0	0	
"2010-04-28	04:00:00"	8.01	192.7	10.12	14.72	4.952	196.5	16.32	9.95	49.72	48.55	1.167	54.33	59.82	26.351	0	0	
"2010-04-28	05:00:00"	6.931	198.3	6.505	8.75	3.784	202.4	11.44	5.175	48.4	46.99	1.403	57.7	63.69	26.333	0	0	
"2010-04-28	06:00:00"	7.766	194.7	4.719	9.95	4.235	196.2	9.34	6.368	47.71	46.04	1.672	63.36	69.59	26.328	0	0	
"2010-04-28	07:00:00"	8.15	201.3	15.92	14.12	5.08	203.9	22.19	11.14	46.93	45.45	1.481	67.92	73.98	26.315	0.22399	0	
"2010-04-28	08:00:00"	7.967	200.4	9.54	11.14	5.032	202.6	14.17	8.16	47.04	46.21	0.829	72.47	77.22	26.316	35.752	0	
"2010-04-28	09:00:00"	12.42	194.5	8.39	18.3	9.42	194.2	12.22	15.31	51.11	51.41	-0.299	69.7	72.11	26.324	167.97	0	
"2010-04-28	10:00:00"	13.93	200	9.62	18.89	10.66	199.2	14.04	15.91	57.01	58.01	-0.993	59.15	59.9	26.33	389.45	0	
"2010-04-28	11:00:00"	13.94	204.6	11.54	20.09	10.91	204.4	15.22	15.91	63.41	64.83	-1.423	47.39	47.16	26.323	606.98	0	
"2010-04-28	12:00:00"	14.51	213.7	12.84	22.47	11.5	214.5	16.75	18.89	70.26	72.1	-1.84	36.56	35.61	26.319	829.02	0	
"2010-04-28	13:00:00"	15.71	218.9	12.66	31.42	12.62	219.4	15.91	25.45	75.23	77.29	-2.059	30.87	29.51	26.3	935.88	0	
"2010-04-28	14:00:00"	17.84	228.8	17.68	29.63	14.46	228.8	20.35	26.05	80.5	82.6	-2.133	23.07	21.48	26.263	994.72	0	
"2010-04-28	15:00:00"	20.32	240.3	15.09	32.61	16.72	242.1	17.47	28.43	84	86	-2.062	14.89	13.39	26.222	937.76	0	
"2010-04-28	16:00:00"	22.93	235.3	15.18	38.57	18.59	237	17.46	31.42	84.8	86.5	-1.715	11.75	10.41	26.195	818.57	0	
"2010-04-28	17:00:00"	22.35	238.1	13.8	35.59	18.32	240.2	15.76	30.22	85	86.5	-1.404	11.54	10.25	26.172	688.42	0	
"2010-04-28	18:00:00"	21.2	234.1	14.68	35.59	17.22	235.3	17.22	29.63	85.3	86.2	-0.96	11.84	10.67	26.147	506.27	0	
"2010-04-28	19:00:00"	21.96	242.2	11	31.42	18.1	244	13.59	28.43	85.1	85.5	-0.449	10.79	9.76	26.137	324.45	0	
"2010-04-28	20:00:00"	19.62	243	9.72	32.01	16.34	244.3	11.98	27.84	84.1	84.1	0.026	10.95	10.1	26.133	163.51	0	
"2010-04-28	21:00:00"	11.94	239.3	7.41	22.47	9.69	239.6	9.87	20.09	79.92	79.05	0.872	12.96	12.84	26.131	13.375	0	
"2010-04-28	22:00:00"	9.43	225.3	10.95	14.12	6.275	222.3	15.98	11.14	74.6	72.71	1.884	15.97	17.23	26.139	0	0	
"2010-04-28	23:00:00"	8.13	216.7	6.644	13.52	4.699	206	15.01	9.35	70.71	67.35	3.354	18.45	21.59	26.149	0	0	
"2010-04-29	00:00:00"	11.36	202.5	9.49	22.47	7.222	201.3	13.18	17.1	69.33	67.69	1.634	19.56	21.38	26.144	0	0	
"2010-04-29	01:00:00"	17.05	175.6	7.849	26.65	12.83	173.6	10.7	21.87	64.65	64.31	0.341	54.64	56.06	26.138	0	0	
"2010-04-29	02:00:00"	17.86	176.3	8.19	27.24	13.61	173.7	11.13	21.87	63.75	63.45	0.296	67.11	68.96	26.132	0	0	
"2010-04-29	03:00:00"	16.04	184.7	9.8	23.66	11.84	183.6	13.03	20.09	62.04	61.72	0.318	73.04	75.24	26.116	0	0	
"2010-04-29	04:00:00"	9.4	194.5	9.96	17.7	6.579	195.9	13.48	15.31	60.24	59.66	0.585	76.61	79.54	26.106	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-04-29	05:00:00"	7.56	173.3	9.28	10.54	4.907	169.4	12.08	8.75	58.08	57	1.08	79.24	83.4	26.085	0	0
"2010-04-29	06:00:00"	7.586	203.1	18.3	12.93	4.533	205.4	22.33	9.95	57.59	55.89	1.696	72.5	78.69	26.077	0	0
"2010-04-29	07:00:00"	8.23	215.4	13.21	12.93	5.186	216.5	16.13	9.35	55.91	54.5	1.412	68.54	74.43	26.066	0.17877	0
"2010-04-29	08:00:00"	7.835	191.8	12.86	11.74	4.806	195.1	20.24	9.35	54.87	53.48	1.395	73.26	78.63	26.06	49.711	0
"2010-04-29	09:00:00"	9.22	210.5	16.34	19.49	7.063	211.3	19.32	16.51	60.42	60.64	-0.223	61.26	63.34	26.06	240.98	0
"2010-04-29	10:00:00"	16.58	226.5	9.87	29.03	13.07	227.9	12.93	22.47	68.8	69.45	-0.654	34.57	35.12	26.051	461.18	0
"2010-04-29	11:00:00"	25.62	229	11.05	36.78	20.31	230.4	13.74	33.21	76.73	77.73	-0.998	18.66	18.24	26.035	667.99	0
"2010-04-29	12:00:00"	26.27	224.7	10.85	42.75	20.41	225.9	13.87	37.38	78.98	80.4	-1.461	17.42	16.54	26.022	841.37	0
"2010-04-29	13:00:00"	28.95	225.5	12.78	46.33	22.51	226.5	15.25	36.19	82	83.7	-1.712	15.43	14.18	25.999	952.71	0
"2010-04-29	14:00:00"	29.42	238	11.32	45.13	24.51	239.4	13.46	40.36	84	85.7	-1.722	13.76	12.27	25.968	1005.1	0
"2010-04-29	15:00:00"	29.92	235	11.03	47.52	24.72	236.9	13.44	39.17	85.8	87.5	-1.751	12.54	10.93	25.941	975.46	0
"2010-04-29	16:00:00"	29.29	233.9	11.87	49.31	23.9	235.3	14.17	39.77	86.8	88.5	-1.656	11.58	9.96	25.922	912.56	0
"2010-04-29	17:00:00"	25.84	241.9	13.61	41.56	21.16	243.4	15.4	35.59	87.6	89.1	-1.44	10.53	8.98	25.898	773.26	0
"2010-04-29	18:00:00"	26.4	243.6	10.83	42.75	22	245.4	12.98	39.17	88.3	89.3	-1.022	9.53	8.04	25.866	590.39	0
"2010-04-29	19:00:00"	26.47	249.2	10.9	41.56	21.24	251	13.29	36.78	88.1	88.6	-0.458	9.25	7.927	25.854	368.85	0
"2010-04-29	20:00:00"	20.13	250.1	9.51	33.21	16.21	252	11.67	29.63	86.7	86.5	0.143	10.56	9.51	25.848	144.1	0
"2010-04-29	21:00:00"	14.11	252.7	7.684	22.47	10.64	254.8	10.92	21.28	83.1	82.3	0.828	12.67	12.19	25.848	12.912	0
"2010-04-29	22:00:00"	13.67	249.8	7.779	20.68	10.66	251.4	10.68	16.51	79.45	78.64	0.811	15.51	15.41	25.86	0	0
"2010-04-29	23:00:00"	11.05	250.5	9.01	18.89	8.38	252	11.86	16.51	75.67	74.72	0.956	18.07	18.5	25.881	0	0
"2010-04-30	00:00:00"	10.88	258.4	28.54	18.89	7.952	258.3	32.59	14.72	73.45	72.51	0.942	19.41	20.11	25.901	0	0
"2010-04-30	01:00:00"	9.78	161.2	20.89	18.89	6.623	157.9	23.81	12.93	70.06	68.65	1.416	21.98	23.52	25.918	0	0
"2010-04-30	02:00:00"	14.57	256.6	38.73	29.63	9.61	257.8	40.37	28.43	71.29	70.18	1.114	22.25	23.36	25.931	0	0
"2010-04-30	03:00:00"	21.46	344.1	38.42	40.36	14.51	340.8	38.14	31.42	64.72	64.28	0.446	29.2	30.47	25.97	0	0
"2010-04-30	04:00:00"	14.5	4.706	19.55	28.43	10.59	1.607	22.31	20.68	58.28	57.76	0.523	36.21	38.46	26.003	0	0
"2010-04-30	05:00:00"	7.002	32.09	42.67	12.33	4.434	30.26	44.35	8.16	55.13	53.79	1.34	40.99	45.31	26.028	0	0
"2010-04-30	06:00:00"	4.811	357	39.45	9.95	2.922	11.75	49.21	6.964	53.68	52.05	1.633	45.53	50.67	26.04	0	0
"2010-04-30	07:00:00"	7.118	358.9	18.87	17.1	4.744	359.6	27.34	13.52	53.3	50.73	2.572	44.3	51.7	26.044	0.17381	0
"2010-04-30	08:00:00"	10.12	329.3	8.49	16.51	6.966	327.7	11.07	12.93	52.29	51.73	0.562	44.12	48.05	26.066	47.615	0
"2010-04-30	09:00:00"	11.65	331.1	10.67	21.87	8.6	328.9	13.07	15.91	54.7	55.38	-0.68	38.25	40.1	26.089	249.42	0
"2010-04-30	10:00:00"	16.44	312.3	11.23	23.66	10.41	311.5	13.49	20.09	57.36	58.65	-1.288	27.12	28.22	26.096	454.5	0
"2010-04-30	11:00:00"	19.05	305.9	10.89	31.42	11.33	305.9	13.35	21.87	58.83	60.54	-1.707	24.72	25.39	26.092	576.51	0
"2010-04-30	12:00:00"	18.62	288.6	15.76	33.21	12.44	289	17.91	23.66	59.57	61.63	-2.061	25.29	25.55	26.1	725.78	0
"2010-04-30	13:00:00"	16.78	281.7	15.1	26.65	11.57	282.7	16.47	21.28	59.12	60.54	-1.423	26.73	27.38	26.107	406.54	0
"2010-04-30	14:00:00"	17.17	283.1	14.64	29.03	12.02	283.9	15.8	23.66	59.82	61.67	-1.846	26.45	26.8	26.099	541.12	0
"2010-04-30	15:00:00"	18.47	282.6	11.42	30.82	12.57	284	13.49	23.07	57.95	58.87	-0.921	27.12	28.06	26.1	192.02	0
"2010-04-30	16:00:00"	17.45	283.7	10.35	26.05	11.82	284.3	12.84	20.68	57.15	58.1	-0.945	27.06	28.15	26.106	236.19	0
"2010-04-30	17:00:00"	20.85	279.5	11.5	30.82	14.52	280.5	13.44	25.45	57.42	58.64	-1.22	26.11	26.99	26.101	337.81	0
"2010-04-30	18:00:00"	22.69	286	9.9	35	14.84	286.5	12.16	27.84	57.14	58.28	-1.133	26.73	27.59	26.072	320.35	0
"2010-04-30	19:00:00"	14.91	270.4	16.24	26.65	10.66	271.5	17.31	18.3	56.59	56.98	-0.383	26.58	27.98	26.082	55.95	0
"2010-04-30	20:00:00"	11.6	263.2	13.37	17.7	8.75	265.4	15.45	15.31	56.38	56.6	-0.221	27.26	28.84	26.094	32.201	0
"2010-04-30	21:00:00"	8.05	275.8	20.09	16.51	5.777	277.1	22.54	13.52	56.38	56.34	0.041	26.83	28.71	26.1	2.909	0
"2010-04-30	22:00:00"	5.52	266.6	36.27	11.74	3.956	266.6	40.68	11.14	56.28	56.06	0.215	27.78	29.99	26.128	0	0
"2010-04-30	23:00:00"	5.997	286.6	47.51	15.91	4.31	286.6	50.34	12.33	57.63	57.12	0.509	26.63	29.18	26.142	0	0
"2010-05-01	00:00:00"	8.9	216.1	18.58	15.91	6.762	217.4	22.71	12.93	55.84	55.7	0.141	29.92	31.99	26.157	0	0
"2010-05-01	01:00:00"	8.32	247.7	35.66	24.26	6.017	249.7	36.49	19.49	56.88	56.55	0.331	27.78	30.05	26.156	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-01	02:00:00"	5.642	301.8	29.43	9.35	3.284	305.3	31.65	6.964	55.55	54.84	0.712	30.01	33.2	26.146	0
"2010-05-01	03:00:00"	4.847	346.3	71.68	8.75	2.929	350	84	5.771	53.81	52.88	0.925	34.22	38.66	26.138	0
"2010-05-01	04:00:00"	4.355	129.1	92.2	11.74	3.035	66.71	97	9.35	54.81	53.7	1.111	33.32	37.87	26.139	0
"2010-05-01	05:00:00"	6.602	308.5	36.48	12.93	4.026	305.3	34.69	8.75	54.89	53.92	0.969	31.64	35.6	26.139	0
"2010-05-01	06:00:00"	6.922	281.6	26.86	17.1	4.106	282.7	33	11.74	54.62	53.92	0.701	33.79	37.33	26.143	0
"2010-05-01	07:00:00"	4.123	287.7	40.4	11.14	2.531	290.9	50.38	7.561	53.97	53.19	0.781	35.35	39.57	26.14	0.07793
"2010-05-01	08:00:00"	7.122	310.8	24.71	12.93	4.017	312.5	29.93	8.16	53.5	52.67	0.834	32.77	37.08	26.14	16.092
"2010-05-01	09:00:00"	6.971	223.5	33.89	33.21	5.009	223	38.23	28.43	54.03	53.74	0.293	32.95	36.24	26.163	27.987
"2010-05-01	10:00:00"	9.04	311.9	29.98	27.84	5.67	310.3	30.17	20.09	50.32	50.19	0.125	48.09	53.71	26.19	50.069
"2010-05-01	11:00:00"	6.732	306.6	64.66	19.49	4.928	306.3	66.89	15.31	49.5	49.31	0.186	49.98	56.76	26.2	73.702
"2010-05-01	12:00:00"	6.597	224.9	61.33	23.07	5.147	224.4	62.32	21.28	50.24	50.27	-0.031	47.34	53.58	26.21	105.01
"2010-05-01	13:00:00"	10.07	174	21.21	16.51	8.05	171	23.8	14.12	50.2	50.61	-0.417	50.19	55.21	26.202	177.44
"2010-05-01	14:00:00"	12.8	151.6	10.9	21.28	10.09	149.2	11.87	17.7	50.29	50.94	-0.651	57.18	60.23	26.178	240.57
"2010-05-01	15:00:00"	10.43	171.8	32.98	19.49	8.55	169.7	35.71	15.91	53.92	55.25	-1.324	44.91	46.78	26.162	738.44
"2010-05-01	16:00:00"	13.19	223.7	21.6	23.07	10.66	224.7	24.88	21.28	56.24	58.18	-1.943	40.18	40.4	26.141	667.52
"2010-05-01	17:00:00"	16.28	217.8	15.51	27.24	12.88	217.7	19.02	21.28	57.43	59.27	-1.842	36.51	36.62	26.12	611.69
"2010-05-01	18:00:00"	18.53	221.1	11.72	27.24	14.3	221.6	14.89	23.66	59.3	60.93	-1.636	33.99	34.11	26.105	536.01
"2010-05-01	19:00:00"	18.42	224.1	12	28.43	14.28	225.3	14.8	23.66	60.51	61.54	-1.026	31.07	31.63	26.097	340.63
"2010-05-01	20:00:00"	19.46	238.7	19.82	32.01	14.99	240.3	21.22	26.65	61.26	61.42	-0.157	23.72	24.94	26.094	124.43
"2010-05-01	21:00:00"	13.49	248.9	9.27	23.66	10.51	250.3	11.86	22.47	59.56	59.07	0.487	21.47	23.23	26.102	15.568
"2010-05-01	22:00:00"	9.36	228	10.04	14.12	6.689	226.9	13.33	12.33	55.17	54.18	0.987	24.75	27.53	26.116	0
"2010-05-01	23:00:00"	8.13	216.2	8.28	10.54	4.878	213.6	15.56	8.16	51.17	48.92	2.257	28.44	33.32	26.139	0
"2010-05-02	00:00:00"	6.445	221.2	10.95	8.75	3.988	227.5	19.47	5.771	50.32	47.39	2.926	32.53	37.77	26.142	0
"2010-05-02	01:00:00"	6.277	232.7	11.48	8.75	3.768	225.5	13.2	5.771	48.7	44.85	3.855	32.52	41.23	26.138	0
"2010-05-02	02:00:00"	7.079	266	21.1	10.54	3.298	264.7	29.26	5.175	48.27	43.49	4.773	31.71	41.35	26.141	0
"2010-05-02	03:00:00"	8.34	295.5	4.822	10.54	2.871	300.7	10.41	4.578	47.28	43.57	3.707	32.01	39.97	26.135	0
"2010-05-02	04:00:00"	7.645	283.1	9.13	9.95	3.317	290.1	11.24	7.561	47.85	43.79	4.062	30.24	38.57	26.129	0
"2010-05-02	05:00:00"	8.43	254.8	11.67	11.14	5.099	253.6	14.92	8.16	47.38	45.09	2.29	29.57	35.36	26.132	0
"2010-05-02	06:00:00"	7.373	191.6	13.97	9.95	4.193	190.9	20.68	6.368	40.57	37.64	2.934	40.01	49.95	26.137	0
"2010-05-02	07:00:00"	7.89	231.3	8.67	11.14	5.422	234.8	10.57	8.16	39.49	38.2	1.29	40.93	47.8	26.14	0.24351
"2010-05-02	08:00:00"	6.475	235.5	7.38	9.35	4.681	238.7	10.14	6.964	38.53	37.84	0.696	43.6	49.89	26.156	57.639
"2010-05-02	09:00:00"	6.181	242.2	11.89	13.52	5.494	242.9	14.8	11.74	45.44	45.77	-0.329	33.67	36.67	26.184	251.7
"2010-05-02	10:00:00"	17.4	258.7	9.57	32.61	13.55	260.1	13.02	26.05	56.89	57.77	-0.882	23.31	24.75	26.19	470.34
"2010-05-02	11:00:00"	24.38	263.3	9.8	34.4	18.65	264.8	12.74	29.03	61.6	62.97	-1.379	20.53	21.2	26.183	670.66
"2010-05-02	12:00:00"	24.13	266.2	11.67	36.19	18.57	267.8	13.8	30.22	64.01	65.82	-1.81	19.41	19.64	26.185	843.47
"2010-05-02	13:00:00"	25.62	261.6	10.99	39.77	19.61	263.1	13.5	33.8	65.24	66.97	-1.726	18.86	18.92	26.179	735.44
"2010-05-02	14:00:00"	27.5	261.1	12.16	46.92	21.3	263.1	14.23	37.38	66.82	68.84	-2.022	17.85	17.67	26.167	934.92
"2010-05-02	15:00:00"	26.13	255.8	16.79	39.17	20.61	257.6	18.07	33.8	66.53	68.28	-1.751	18.57	18.46	26.163	735.78
"2010-05-02	16:00:00"	23.62	251.5	13.44	42.15	18.89	253.6	15.94	31.42	67.7	69.63	-1.927	17.46	17.2	26.156	794.92
"2010-05-02	17:00:00"	23.83	257.3	11.35	37.98	18.93	259.2	13.59	37.38	68.68	70.31	-1.625	15.23	15.16	26.145	711.54
"2010-05-02	18:00:00"	22.11	254.7	12.01	36.78	17.56	256.4	14.07	29.63	69.6	71.1	-1.504	14.51	14.43	26.145	603.64
"2010-05-02	19:00:00"	22.41	254.3	10.95	32.61	17.77	256.3	13.29	29.03	69.43	70.38	-0.95	14.44	14.55	26.157	393.25
"2010-05-02	20:00:00"	17.16	253.6	12.37	26.65	13.54	255	14.57	24.26	68.49	68.72	-0.228	15.18	15.67	26.177	161.14
"2010-05-02	21:00:00"	11.54	262.8	12.93	18.89	8.49	263.6	14.27	15.31	66.09	65.36	0.729	16.73	17.89	26.205	9.7306
"2010-05-02	22:00:00"	9.52	287.4	40.48	20.68	6.265	286.8	39.17	17.1	62.88	61.28	1.596	19.77	21.98	26.241	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-02	23:00:00"	8.93	9.61	12.48	15.31	5.933	6.416	18.15	11.74	57.2	56.56	0.636	34.9	37.09	26.276		0	0
"2010-05-03	00:00:00"	4.501	40.69	9.8	6.368	2.975	55.7	10.24	4.578	55.65	53.18	2.478	38.64	43.92	26.29		0	0
"2010-05-03	01:00:00"	5.479	41.87	6.331	6.964	3.697	36.74	10.75	5.175	53.84	48.07	5.776	41.32	52.22	26.297		0	0
"2010-05-03	02:00:00"	6.743	326.6	44.06	11.14	3.046	318.6	29.99	5.771	51.14	47.01	4.123	46.06	55.62	26.312		0	0
"2010-05-03	03:00:00"	9.54	296.3	15.29	16.51	5.475	296.4	16.66	11.14	53.18	52.67	0.51	42.71	46.23	26.332		0	0
"2010-05-03	04:00:00"	8.9	238.4	29.86	15.31	6.387	238.5	32.37	13.52	54.77	54.44	0.328	40.36	43.36	26.343		0	0
"2010-05-03	05:00:00"	7.503	231.4	27.41	11.14	5.306	232.2	30.3	8.75	54.74	54.39	0.351	38.95	41.92	26.344		0	0
"2010-05-03	06:00:00"	10.53	292.1	11.22	16.51	6.262	292.5	13.74	11.74	54.21	53.93	0.28	37.16	39.65	26.372		0	0
"2010-05-03	07:00:00"	12.95	294.9	9.96	21.87	7.463	295.1	12.2	16.51	53.19	52.95	0.239	35.41	37.76	26.385	0.07476		0
"2010-05-03	08:00:00"	8.02	291.7	9.24	16.51	4.616	290.9	11.88	12.33	51.38	51.01	0.373	37.27	40.35	26.406	36.664		0
"2010-05-03	09:00:00"	12	285.6	11.15	24.26	7.801	286.2	13.14	18.3	51.36	51.58	-0.222	41.15	43.85	26.432	156.2		0
"2010-05-03	10:00:00"	18.92	302	9.45	27.84	10.85	301.6	12.28	20.68	54.51	55.75	-1.231	36.56	37.42	26.444	469.03		0
"2010-05-03	11:00:00"	15.92	301.7	15.34	26.65	10.24	301.2	17.27	20.68	56.11	58.07	-1.959	37.57	37.59	26.458	670.67		0
"2010-05-03	12:00:00"	14.75	294.2	17.57	24.86	9.98	294.3	19.12	19.49	58.81	61.16	-2.346	33.5	33.21	26.472	836.65		0
"2010-05-03	13:00:00"	15.54	295	16.68	27.24	10.17	295.1	18.12	18.89	61.08	63.61	-2.533	30.67	30.15	26.481	809.9		0
"2010-05-03	14:00:00"	18.42	319.4	16.4	31.42	12.51	317.4	18.15	25.45	63.99	66.88	-2.886	27.94	27.01	26.484	947.99		0
"2010-05-03	15:00:00"	19.43	335.4	16.81	32.61	14.41	332.7	17.94	27.84	66.4	69.21	-2.815	28.07	26.83	26.482	841.1		0
"2010-05-03	16:00:00"	18.04	336	15.68	29.63	13.45	332.8	16.67	27.24	68.84	71.71	-2.873	25.81	24.47	26.478	899.06		0
"2010-05-03	17:00:00"	17.9	336.1	18.43	30.82	13.4	333	19.27	29.03	70.35	72.77	-2.424	22.45	21.47	26.469	776.14		0
"2010-05-03	18:00:00"	13.11	312.8	22.15	24.26	8.82	311.4	23.36	21.87	70.77	72.84	-2.069	22.59	21.83	26.461	608.58		0
"2010-05-03	19:00:00"	11.64	309.8	20.39	21.87	8.07	310	21.45	17.7	71.56	72.99	-1.426	20.35	20.01	26.465	392.66		0
"2010-05-03	20:00:00"	10.95	288.4	20.04	20.68	7.634	288.7	21.47	17.7	71.49	71.95	-0.46	19.14	19.31	26.475	169.73		0
"2010-05-03	21:00:00"	8.63	281.2	11.97	13.52	5.323	284.8	16.16	11.14	69.57	68.31	1.267	19.82	21.25	26.482	18.715		0
"2010-05-03	22:00:00"	5.704	274.4	14.54	8.16	2.847	286.7	24.43	5.175	66.7	63	3.693	21.88	25.62	26.499	0		0
"2010-05-03	23:00:00"	3.964	229.1	11.25	6.368	1.814	209.5	32.88	4.578	64.01	60.78	3.226	23.89	27.63	26.512	0		0
"2010-05-04	00:00:00"	4.998	224.7	6.344	6.964	1.666	211.3	20.01	3.982	62.98	59.5	3.477	24.76	28.76	26.514	0		0
"2010-05-04	01:00:00"	5.066	229.9	11.72	7.561	2.656	221.9	28.21	3.982	60.59	57.04	3.55	26.9	31.54	26.509	0		0
"2010-05-04	02:00:00"	5.901	213.9	19.11	7.561	3.843	209.9	32.92	5.175	57.8	54.11	3.681	30.01	35.38	26.5	0		0
"2010-05-04	03:00:00"	6.145	215.7	23.76	8.75	3.405	217.3	30.58	5.771	54.81	50.43	4.374	33.02	40.17	26.485	0		0
"2010-05-04	04:00:00"	6.779	239.5	19.37	9.95	4.05	234.1	22.82	6.368	54.33	49.73	4.608	33.29	41.39	26.473	0		0
"2010-05-04	05:00:00"	6.165	253.4	24.97	9.95	3.224	252.2	37.48	5.175	54.96	50.02	4.94	31.79	40.8	26.46	0		0
"2010-05-04	06:00:00"	6.19	231.8	17.45	8.16	3.651	230.8	25.32	5.175	52.8	48.08	4.713	33.69	43.01	26.454	0		0
"2010-05-04	07:00:00"	6.724	231.2	17.79	9.35	3.459	232.3	26.87	5.771	52.3	46.34	5.965	33.82	45.59	26.454	0.43351		0
"2010-05-04	08:00:00"	6.395	207.9	16.81	12.33	3.656	212.7	19.61	9.35	49.85	46.69	3.154	37	46.31	26.461	64.765		0
"2010-05-04	09:00:00"	7.952	210.7	9.28	11.74	6.22	212.1	13.17	9.35	54.63	55.04	-0.408	33.74	35.99	26.476	264.02		0
"2010-05-04	10:00:00"	7.341	215.7	12.15	12.33	6.158	215.7	16.12	9.95	62.82	63.69	-0.878	26.35	27.42	26.472	486.99		0
"2010-05-04	11:00:00"	8.55	227.3	17.98	12.33	7.374	230.1	21.59	11.74	67.07	68.34	-1.27	23.99	24.29	26.468	694.48		0
"2010-05-04	12:00:00"	9.28	229.3	17.58	17.7	7.969	231.1	20.5	18.3	72.3	73.92	-1.613	19.4	19.17	26.451	867.1		0
"2010-05-04	13:00:00"	14.64	219.3	17.17	26.65	11.76	219.9	20.67	21.28	77.94	80.1	-2.114	13.97	13.18	26.428	981.58		0
"2010-05-04	14:00:00"	16.1	236.8	18.54	29.03	13.12	237.7	20.86	26.65	81.1	83.4	-2.283	11.43	10.31	26.399	1029.7		0
"2010-05-04	15:00:00"	16.74	243.9	18.4	30.82	13.7	245.5	20.73	26.65	84.2	86.3	-2.195	9.77	8.45	26.368	999.37		0
"2010-05-04	16:00:00"	18.9	242.2	16.38	32.61	15.51	242.8	18.55	30.22	87	89	-2.057	8.2	6.695	26.336	945.1		0
"2010-05-04	17:00:00"	20.32	249.9	12.94	37.98	16.73	251.7	15.21	29.63	87.6	89.3	-1.744	7.681	6.179	26.309	811.39		0
"2010-05-04	18:00:00"	18.45	252.1	16.33	36.78	14.67	254.1	18.3	32.01	88.1	89.5	-1.398	7.526	6.109	26.288	625.39		0
"2010-05-04	19:00:00"	17.14	250.6	11.3	27.84	13.77	252.5	14.01	25.45	88.4	89.2	-0.756	7.207	5.888	26.276	403.03		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-04	20:00:00"	15.05	247.6	13.21	24.26	11.93	248.6	15.15	21.87	87.7	87.6	0.097	6.986	5.902	26.274	175.78	0	
"2010-05-04	21:00:00"	9.12	235.3	9.37	15.31	6.207	237.1	12.02	14.12	82.7	80.4	2.293	8.84	9.05	26.282	20.271	0	
"2010-05-04	22:00:00"	8.28	231.5	8.3	12.93	5.034	235.1	15.94	9.35	77.29	73.86	3.428	11.68	13.22	26.301	0	0	
"2010-05-04	23:00:00"	6.876	233.9	6.901	9.35	4.097	225.6	10.29	5.771	72.93	68.84	4.089	13.92	16.59	26.317	0	0	
"2010-05-05	00:00:00"	7.27	236.4	6.127	9.95	4.601	232.8	7.208	6.964	71.14	66.92	4.219	14.38	17.57	26.323	0	0	
"2010-05-05	01:00:00"	6.542	270.9	20.35	9.95	3.616	283.2	32.38	6.368	68.31	64.28	4.024	15.73	19.34	26.321	0	0	
"2010-05-05	02:00:00"	8.42	300.7	3.276	9.95	3.461	310.1	8.41	5.771	65.98	58.19	7.792	16.71	24.67	26.322	0	0	
"2010-05-05	03:00:00"	7.886	298.1	5.744	10.54	2.928	303.6	10.68	4.578	64.49	58.7	5.794	17.38	23.61	26.318	0	0	
"2010-05-05	04:00:00"	8.81	303.7	8.67	12.33	3.181	297.9	18.04	6.964	64.3	58.46	5.835	17.19	23.48	26.315	0	0	
"2010-05-05	05:00:00"	10.96	311	3.967	12.33	5.376	320.5	8.07	6.964	64.06	57.54	6.518	17.17	24.26	26.32	0	0	
"2010-05-05	06:00:00"	10.6	310.5	6.076	12.93	4.515	313.5	8.89	7.561	61.75	55.88	5.864	18.76	25.9	26.326	0	0	
"2010-05-05	07:00:00"	7.997	281.2	25.18	11.14	4.317	279.4	30.07	7.561	59.53	55	4.526	20.83	26.78	26.336	0.48314	0	
"2010-05-05	08:00:00"	8.74	297.9	21.78	24.26	4.268	301.5	24.17	21.28	58.85	53.74	5.104	21.8	30.11	26.356	68.048	0	
"2010-05-05	09:00:00"	16.47	21.64	17.39	24.86	12.12	19.26	21.36	21.87	61.48	61.83	-0.351	28.19	29.36	26.398	268.5	0	
"2010-05-05	10:00:00"	18.33	39.22	9.08	24.26	13.81	38.22	12.57	21.28	62.12	63.42	-1.296	31.44	31.71	26.421	487.27	0	
"2010-05-05	11:00:00"	15.93	49.36	12.12	22.47	12.32	48.44	14.92	20.09	66.06	67.93	-1.869	28.08	27.72	26.432	666.76	0	
"2010-05-05	12:00:00"	14.16	57.23	14.12	21.87	11.16	56	16.37	18.89	69.83	72.08	-2.245	24.95	24.15	26.433	850.25	0	
"2010-05-05	13:00:00"	13.06	62.72	17.97	24.26	10.38	61.38	20.01	17.1	72.86	75.43	-2.567	22.69	21.52	26.433	934.43	0	
"2010-05-05	14:00:00"	10.78	78.46	19.45	17.7	8.78	77.92	21.22	15.91	76.02	78.43	-2.416	20.26	19.02	26.421	1009.7	0	
"2010-05-05	15:00:00"	7.906	81.5	30.95	15.31	6.582	80.8	34.15	16.51	79.3	81.2	-1.943	18.22	17	26.403	984.18	0	
"2010-05-05	16:00:00"	6.031	87.7	55.37	14.12	5.231	86.1	60.98	12.33	81.4	83	-1.621	16.15	14.97	26.38	914.63	0	
"2010-05-05	17:00:00"	4.813	138.7	91.7	14.12	4.215	142.2	95.2	16.51	83.8	84.9	-1.051	14.12	12.99	26.36	743.87	0	
"2010-05-05	18:00:00"	5.32	148.3	73.36	13.52	4.48	149.6	77.79	12.93	85.4	86.5	-1.082	12.74	11.55	26.341	616.01	0	
"2010-05-05	19:00:00"	8.6	118.5	40.58	17.1	6.855	115.6	42.73	13.52	85.6	86.5	-0.904	13.79	12.62	26.322	391.95	0	
"2010-05-05	20:00:00"	13.28	111.7	9.12	18.3	9.91	109.3	12.52	15.91	83.9	84.2	-0.222	16.68	15.79	26.317	159.96	0	
"2010-05-05	21:00:00"	11.19	112.4	6.731	15.91	7.776	109.2	10.7	12.93	78.48	77.64	0.84	21.29	21.37	26.324	12.254	0	
"2010-05-05	22:00:00"	10.57	111.2	7.866	14.12	7.212	106.6	10.8	11.14	72.68	71.69	0.989	28.53	29.4	26.333	0	0	
"2010-05-05	23:00:00"	11.01	118.8	9.75	17.1	7.385	114.2	13.83	12.33	70.74	69.69	1.052	31.55	32.86	26.349	0	0	
"2010-05-06	00:00:00"	13.55	120	8.21	20.09	9.57	117.5	11.81	14.72	69.5	68.8	0.701	33.24	34.35	26.354	0	0	
"2010-05-06	01:00:00"	14.25	125.2	8.1	20.68	9.97	123.2	11.21	15.31	67.42	66.8	0.619	37.14	38.41	26.343	0	0	
"2010-05-06	02:00:00"	14.18	128.3	7.611	20.09	9.87	126.1	10.93	15.31	67.11	66.43	0.675	39.33	40.96	26.327	0	0	
"2010-05-06	03:00:00"	9	131.4	8.98	16.51	5.902	128.6	11.81	12.33	64.27	63.45	0.818	44.72	47.16	26.316	0	0	
"2010-05-06	04:00:00"	7.484	138.3	8.95	11.74	4.45	133.7	12.58	7.561	63.39	61.99	1.396	46.44	50.09	26.297	0	0	
"2010-05-06	05:00:00"	6.023	128	17.21	9.95	3.283	106.6	29.74	5.771	62.36	60.08	2.289	46.76	52.39	26.286	0	0	
"2010-05-06	06:00:00"	5.973	182	18.41	8.75	3.045	184.2	27.76	5.175	62.58	59.69	2.884	43.57	50.36	26.284	0	0	
"2010-05-06	07:00:00"	6.756	225.6	14.79	8.75	3.993	232.2	20.92	5.771	62.34	58.42	3.919	42.74	51.2	26.288	0.47302	0	
"2010-05-06	08:00:00"	7.174	250.7	7.198	9.35	4.195	258.2	9.48	6.368	62.12	59.04	3.079	42.24	50.49	26.3	64.541	0	
"2010-05-06	09:00:00"	6.015	246.5	8.81	8.16	4.969	249.2	11.82	8.16	63.15	63.26	-0.105	41	43.24	26.314	206.69	0	
"2010-05-06	10:00:00"	5.942	246	12.87	9.35	5.14	248.7	15.69	8.16	67.76	68.25	-0.493	36.87	37.66	26.322	347	0	
"2010-05-06	11:00:00"	6.841	241.4	21.81	15.31	5.805	241	23.85	14.12	77.7	78.45	-0.745	25.14	25.07	26.317	584.52	0	
"2010-05-06	12:00:00"	14.93	270.8	13.81	24.26	11.17	272.3	16.07	20.68	85.3	86.9	-1.571	9.07	8.22	26.304	802.33	0	
"2010-05-06	13:00:00"	13.24	256.3	22.41	20.68	10.47	258.2	24.28	18.3	87	88.8	-1.781	7.855	6.681	26.292	848.92	0	
"2010-05-06	14:00:00"	13.84	213.6	20.23	35	11.27	214.9	23.98	23.07	88.7	90.8	-2.106	9.63	8.05	26.268	1046	0	
"2010-05-06	15:00:00"	15.46	230.2	17.14	27.24	12.49	230.8	19.99	22.47	91.5	93.7	-2.168	6.079	4.378	26.241	996.55	0	
"2010-05-06	16:00:00"	19.47	231.2	17.12	38.57	15.55	232.6	20.04	26.65	93.8	95.9	-2.047	5.117	3.192	26.208	941.82	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-05-06	17:00:00"	22.45	229.6	13.42	34.4	17.72	231.3	15.93	27.84	94.4	96	-1.674	5.213	3.221	26.186	807.83	0
"2010-05-06	18:00:00"	24.3	227	11.38	38.57	18.89	228	13.95	31.42	94.1	95.3	-1.159	5.151	3.226	26.171	622.82	0
"2010-05-06	19:00:00"	24.48	230	10.56	38.57	19.13	230.9	13.32	32.61	93.6	94.1	-0.559	5.086	3.291	26.166	410.71	0
"2010-05-06	20:00:00"	21.68	238.4	9.72	35.59	18.03	239.8	11.43	30.82	91.8	91.7	0.111	6.145	4.552	26.171	163.85	0
"2010-05-06	21:00:00"	14.1	230.9	8.14	26.65	10.84	232.5	10.99	23.66	87.6	86.7	0.944	8.67	7.67	26.183	8.0291	0
"2010-05-06	22:00:00"	11.59	226.2	7.728	17.1	8.18	227.3	10.95	12.93	82.7	81.4	1.36	10.02	9.74	26.201	0	0
"2010-05-06	23:00:00"	10.22	225.7	8.49	17.1	6.97	226.9	11.99	14.12	80.1	78.58	1.563	10.32	10.43	26.219	0	0
"2010-05-07	00:00:00"	8.52	232	8.78	11.14	5.023	232.1	11.47	7.561	78.28	74.68	3.601	10.53	12.02	26.235	0	0
"2010-05-07	01:00:00"	9.63	240.9	26.62	12.93	5.907	244.1	30.4	8.75	73.04	70.34	2.701	12.97	14.69	26.237	0	0
"2010-05-07	02:00:00"	7.374	186.7	49.3	12.93	4.501	174.9	54.27	9.35	69.07	65.8	3.277	17.39	19.22	26.248	0	0
"2010-05-07	03:00:00"	9.82	236.8	47.11	21.87	6.893	239.5	47.06	16.51	73.84	71.78	2.058	22.81	25.02	26.252	0	0
"2010-05-07	04:00:00"	8.43	233.5	23.63	17.7	5.554	227.1	30.36	14.12	72.84	69.97	2.871	15.63	18.32	26.254	0	0
"2010-05-07	05:00:00"	8.78	245.3	17.54	13.52	5.46	238.3	26.75	9.35	70.44	66.95	3.483	12.68	15.97	26.272	0	0
"2010-05-07	06:00:00"	9.68	273.2	16.62	14.12	5.385	275.3	21.71	10.54	68.16	65.29	2.873	12.46	14.91	26.292	0	0
"2010-05-07	07:00:00"	11.61	314.9	20.58	18.89	6.028	319.5	18.58	15.31	64.56	61.45	3.107	14.13	17.32	26.314	0.59248	0
"2010-05-07	08:00:00"	15.3	8.87	21.74	26.65	10.85	7.144	23.94	21.87	60.02	59.17	0.847	24.53	26.53	26.365	69.149	0
"2010-05-07	09:00:00"	19.99	35.34	10.44	32.61	14.84	34.35	14.76	23.66	56.91	57.56	-0.654	48.59	49.48	26.422	261.87	0
"2010-05-07	10:00:00"	19.7	41.77	11.24	27.84	14.75	40.79	14.09	24.26	57.95	59.36	-1.407	54.35	53.92	26.462	474.02	0
"2010-05-07	11:00:00"	21.88	42.47	11.05	30.82	16.43	41.63	14.22	26.05	59.39	61.38	-1.992	51.28	49.91	26.486	671.75	0
"2010-05-07	12:00:00"	21.37	49.39	12.59	30.82	16.31	47.94	15.03	26.05	61.17	63.61	-2.441	45.54	43.62	26.503	837.85	0
"2010-05-07	13:00:00"	19.53	43.52	13.06	30.22	14.98	42.23	16.58	24.26	63.54	66.4	-2.866	40.61	38.41	26.517	951.08	0
"2010-05-07	14:00:00"	17.42	50.68	14.25	26.05	13.4	50.06	17	21.28	66.44	69.56	-3.117	36.74	34.53	26.512	1001.7	0
"2010-05-07	15:00:00"	16.55	59.02	17.15	29.63	12.76	58.68	19.32	22.47	69.07	72.14	-3.074	31.71	29.75	26.5	971.51	0
"2010-05-07	16:00:00"	15.81	64.26	16.74	25.45	12.2	63.12	18.39	20.09	71.03	73.89	-2.856	28.65	26.9	26.493	925.42	0
"2010-05-07	17:00:00"	15.11	64.51	16.56	23.07	11.77	63.08	18.9	19.49	72.68	75.22	-2.536	26.55	24.98	26.484	792.38	0
"2010-05-07	18:00:00"	14.46	78.8	12.75	26.65	11.19	77.54	15.29	18.3	72.96	74.96	-2.001	26.02	24.85	26.486	607.82	0
"2010-05-07	19:00:00"	14.22	69.86	12.67	23.07	10.78	68.55	14.74	17.7	73.2	74.6	-1.403	25.96	25.15	26.484	391.05	0
"2010-05-07	20:00:00"	16.49	76.28	10.11	24.86	12.23	74.18	12.63	19.49	71.66	72.13	-0.476	26.6	26.53	26.488	168.93	0
"2010-05-07	21:00:00"	13.71	81.8	8.04	21.28	10.09	79.89	10.53	18.3	68.05	67.77	0.277	30.18	30.95	26.51	19.929	0
"2010-05-07	22:00:00"	10.72	86.1	7.258	15.31	7.774	83.8	9.66	12.33	63.03	62.55	0.477	35.89	37.33	26.544	0	0
"2010-05-07	23:00:00"	11.86	86.9	7.395	16.51	8.71	84.8	9.41	13.52	59.97	59.58	0.397	39.11	41.15	26.575	0	0
"2010-05-08	00:00:00"	11.47	84.5	7.426	17.1	8.33	82.6	9.63	15.31	57.34	56.89	0.451	41.59	44.2	26.596	0	0
"2010-05-08	01:00:00"	12.09	76.64	7.574	18.3	8.62	74.5	10.33	14.12	55.17	54.68	0.491	43.31	46.34	26.607	0	0
"2010-05-08	02:00:00"	14.37	69.61	8.05	20.09	10.54	68.03	10.92	15.91	53.54	53.16	0.372	43.13	46.17	26.613	0	0
"2010-05-08	03:00:00"	15.01	68.27	7.991	22.47	10.97	66.56	10.77	17.7	52.17	51.83	0.345	42.71	45.85	26.615	0	0
"2010-05-08	04:00:00"	14.45	73.73	7.638	21.28	10.52	71.91	10.65	16.51	50.6	50.28	0.324	43.41	46.75	26.624	0	0
"2010-05-08	05:00:00"	14.36	78.27	7.757	20.68	10.45	76.17	10.47	17.1	49.56	49.28	0.288	42.88	46.24	26.633	0	0
"2010-05-08	06:00:00"	15.53	75.76	8.75	21.87	11.25	73.9	11.3	17.1	48.24	47.97	0.268	44.78	48.31	26.639	0	0
"2010-05-08	07:00:00"	16.52	84.3	7.618	26.05	12.18	81.9	9.71	20.68	48.29	48.2	0.089	43.42	46.67	26.658	0.39507	0
"2010-05-08	08:00:00"	19.32	86.5	7.472	26.65	14.46	84.3	9.6	21.87	49.51	49.69	-0.184	40.01	42.65	26.675	24.557	0
"2010-05-08	09:00:00"	19.54	86.4	8.21	28.43	14.58	84	10.33	22.47	50.56	50.99	-0.425	38.24	40.26	26.699	86.804	0
"2010-05-08	10:00:00"	19.56	90.4	8.26	29.03	14.71	88	10.44	23.66	51.5	52.05	-0.551	36.49	38.15	26.708	121.29	0
"2010-05-08	11:00:00"	19.29	95	8.54	29.03	14.54	92.6	11.08	23.66	52.51	53.19	-0.678	33.96	35.49	26.717	164.79	0
"2010-05-08	12:00:00"	17.81	93.4	9.66	24.86	13.48	91	11.78	20.68	53.52	54.39	-0.872	30.9	32.29	26.721	224.27	0
"2010-05-08	13:00:00"	16.83	96.8	11.98	27.24	12.71	94.3	14.29	22.47	54.74	55.99	-1.244	28.97	30.08	26.705	319.42	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-08	14:00:00"	14.79	101.6	11.33	21.87	11.2	98.9	13.62	17.7	55.03	55.86	-0.836	28.3	29.6	26.682	151.84	0	
"2010-05-08	15:00:00"	15.17	104.9	10.96	21.87	11.59	102.6	14.03	17.7	55.61	56.55	-0.943	27.26	28.5	26.655	231.94	0	
"2010-05-08	16:00:00"	13.85	106	11.34	25.45	10.64	104.4	14.68	17.7	56.66	57.9	-1.239	27.38	28.32	26.633	297.36	0	
"2010-05-08	17:00:00"	15.6	112.4	11.88	23.66	11.83	110.3	15.06	18.89	57.31	58.54	-1.236	28.05	28.86	26.598	271.9	0	
"2010-05-08	18:00:00"	13.2	109.5	14.67	20.68	10.15	107.7	17.44	17.7	57.8	58.82	-1.015	28.03	28.95	26.585	220.99	0	
"2010-05-08	19:00:00"	13.39	113.8	13.23	18.89	10.14	111.8	16.37	16.51	57.86	58.64	-0.773	28.85	29.88	26.573	145.97	0	
"2010-05-08	20:00:00"	13.42	120.4	10.62	19.49	9.89	118.3	13.73	14.72	57.41	57.82	-0.412	30.26	31.49	26.56	51.627	0	
"2010-05-08	21:00:00"	11.56	120.5	9.44	16.51	8.51	118	13.13	13.52	56.92	57.13	-0.209	31.87	33.24	26.569	3.065	0	
"2010-05-08	22:00:00"	12.25	119	9.37	20.68	9.02	117.6	13.12	15.31	56.7	56.86	-0.155	34.4	35.81	26.562	0	0	
"2010-05-08	23:00:00"	13.8	126.7	9.09	19.49	10.07	125.7	12.33	17.1	56.42	56.57	-0.155	36.91	38.41	26.561	0	0	
"2010-05-09	00:00:00"	11.42	124	8.91	18.3	8.39	122.8	12.16	13.52	56.28	56.43	-0.146	35.79	37.28	26.558	0	0	
"2010-05-09	01:00:00"	9.95	123.1	8.73	15.31	7.227	122	12.57	12.33	56.3	56.44	-0.14	36.72	38.23	26.56	0	0	
"2010-05-09	02:00:00"	6.923	104	11.54	10.54	5.247	101.5	14.64	9.35	56.13	56.29	-0.157	37.94	39.5	26.554	0	0	
"2010-05-09	03:00:00"	8.75	96.5	7.998	13.52	6.654	93.5	10.25	11.14	56.01	56.18	-0.168	38.89	40.62	26.534	0	0	
"2010-05-09	04:00:00"	11.26	103.6	8.44	17.7	8.47	101.1	11.29	13.52	56.5	56.63	-0.135	39.47	41.25	26.515	0	0	
"2010-05-09	05:00:00"	11.88	111.8	7.991	18.3	8.85	108.8	11.73	14.72	56.85	56.97	-0.12	42.45	44.23	26.507	0	0	
"2010-05-09	06:00:00"	10.14	109.6	8.25	14.12	7.652	106.7	11.57	11.74	56.83	56.94	-0.113	45.93	47.74	26.5	0	0	
"2010-05-09	07:00:00"	10.57	128.8	11.03	16.51	7.822	127.4	13.42	14.12	56.76	56.91	-0.15	57.79	59.39	26.493	0.14087	0	
"2010-05-09	08:00:00"	9.51	142.2	11.72	15.31	7.129	140.4	13.6	12.33	56.28	56.52	-0.24	72.99	74.39	26.492	9.8426	0	
"2010-05-09	09:00:00"	8.5	131.9	15.36	12.93	6.555	130.2	17.28	9.95	56.47	56.88	-0.411	79.35	80.4	26.49	43.663	0	
"2010-05-09	10:00:00"	6.863	100.1	15.17	10.54	5.427	96	18.36	9.35	55.63	56.25	-0.621	87.1	87.6	26.492	80.853	0	
"2010-05-09	11:00:00"	6.431	95.3	12.32	9.95	5.252	93.1	15.15	8.16	56.57	57.3	-0.734	88.9	89.5	26.49	132.08	0	
"2010-05-09	12:00:00"	8.72	112.7	12.01	12.93	6.851	110.9	15.42	11.14	58.26	59.17	-0.915	88.2	88.3	26.483	170.17	0	
"2010-05-09	13:00:00"	8.9	119.9	12.55	13.52	6.898	118.3	16.1	10.54	59.38	60.3	-0.922	88.3	88.3	26.478	174.76	0	
"2010-05-09	14:00:00"	10.02	135.4	12.88	15.31	7.741	133.8	14.91	12.33	61.49	62.29	-0.801	86	85.8	26.462	155.88	0	
"2010-05-09	15:00:00"	12.52	140.7	13.43	20.09	9.91	138.3	15.39	15.91	65.72	67.23	-1.506	75.75	73.92	26.432	498.64	0	
"2010-05-09	16:00:00"	13.43	147.6	15.15	21.28	10.74	145.2	16.53	20.68	69.78	71.61	-1.835	67.07	64.31	26.396	700.75	0	
"2010-05-09	17:00:00"	13.55	143.7	16.73	22.47	10.69	140.7	18.36	18.89	73.99	75.94	-1.959	59.78	56.6	26.361	753.98	0	
"2010-05-09	18:00:00"	13.53	140.1	14.47	21.28	10.55	137.5	16.53	17.7	77.48	79.07	-1.587	53.02	50.31	26.336	539.75	0	
"2010-05-09	19:00:00"	15.36	138.6	10.71	23.66	11.67	136.9	12.81	20.09	79.52	80.7	-1.142	48.31	46.18	26.318	373.47	0	
"2010-05-09	20:00:00"	17.29	137.2	8.78	24.86	12.77	136.3	10.92	21.28	79.04	79.51	-0.469	48.39	47.22	26.313	170.23	0	
"2010-05-09	21:00:00"	15.17	141.3	7.912	22.47	11.11	139.8	9.97	18.3	77.04	76.86	0.184	52.93	52.96	26.312	18.179	0	
"2010-05-09	22:00:00"	11.78	137.2	8.1	17.1	8.39	135.5	9.87	13.52	74.36	73.92	0.446	57.5	58.33	26.318	0	0	
"2010-05-09	23:00:00"	14.01	154	12.76	22.47	10.52	151.4	13.91	18.3	73.15	72.83	0.321	62.13	62.92	26.329	0	0	
"2010-05-10	00:00:00"	15.1	169.5	8.3	27.24	11.37	166.8	11.33	22.47	71.61	71.37	0.246	70.69	71.6	26.335	0	0	
"2010-05-10	01:00:00"	13.49	174	9.05	20.68	10.07	171.3	11.92	15.91	69.44	69.18	0.26	76.45	77.68	26.321	0	0	
"2010-05-10	02:00:00"	10.95	187.6	9.04	19.49	7.959	186.3	12.84	14.72	67.93	67.63	0.303	81	82.4	26.306	0	0	
"2010-05-10	03:00:00"	9.48	190	11.03	15.31	6.668	190.1	15.06	11.14	66.77	66.24	0.536	83.5	85.6	26.29	0	0	
"2010-05-10	04:00:00"	9.87	210.4	22.24	17.1	7.104	211.4	26.14	12.93	65.9	65.34	0.558	85	87.2	26.279	0	0	
"2010-05-10	05:00:00"	8.4	202.7	15.2	13.52	5.74	202.8	20.45	9.35	64.68	63.86	0.825	86.9	89.6	26.274	0	0	
"2010-05-10	06:00:00"	7.886	198.1	8.63	13.52	4.693	197.8	13.67	8.75	63.2	62.14	1.054	88.9	91.7	26.271	0	0	
"2010-05-10	07:00:00"	7.687	191.6	7.832	12.33	4.762	194	12.27	9.35	62.32	61.25	1.071	91.2	93.9	26.265	0.69982	0	
"2010-05-10	08:00:00"	7.642	198.2	9.97	11.74	5.263	201.2	14.26	9.35	62.78	62.33	0.455	90.5	92.8	26.267	62.472	0	
"2010-05-10	09:00:00"	10.47	193.6	10.32	18.89	7.76	192.2	13.69	14.12	65.97	65.95	0.015	79.95	82.1	26.272	224.44	0	
"2010-05-10	10:00:00"	14.03	203.3	10.45	22.47	10.55	202.4	14.69	17.7	72.01	72.67	-0.66	58.57	58.64	26.276	451.81	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-10	11:00:00"	14.95	215.6	12.33	25.45	11.34	215.8	16.73	20.68	77.12	78.45	-1.335	38.37	37.37	26.275	678.38	0	
"2010-05-10	12:00:00"	26.07	241.3	12.93	45.73	21.37	243	14.81	37.38	83.4	84.8	-1.428	17.93	16.56	26.256	857.54	0	
"2010-05-10	13:00:00"	34.2	248.2	10.46	53.48	27.63	250.3	13.19	47.52	86.7	88	-1.331	9.33	7.842	26.239	961.05	0	
"2010-05-10	14:00:00"	29.42	252.9	11.66	47.52	23.32	254.6	14.08	39.17	87.7	89.5	-1.831	9.14	7.461	26.24	1015.1	0	
"2010-05-10	15:00:00"	23.24	267	15.05	37.38	17.34	269.2	16.73	30.82	88.3	90.5	-2.215	8.82	7.091	26.239	986.15	0	
"2010-05-10	16:00:00"	25.94	274.6	13.49	42.75	18.46	275.9	15	31.42	88.5	90.7	-2.134	7.937	6.218	26.232	924.44	0	
"2010-05-10	17:00:00"	24.57	270.6	11.28	37.98	18.2	271.8	13.57	32.01	88.8	90.5	-1.731	6.349	4.766	26.225	800.27	0	
"2010-05-10	18:00:00"	25.21	277.9	12.17	38.57	17.64	279.1	13.77	35	88.6	90	-1.329	5.342	3.891	26.214	622.8	0	
"2010-05-10	19:00:00"	26.34	284	10.48	42.75	17.44	284.5	12.57	35.59	88.1	88.8	-0.707	5.307	3.981	26.205	407.07	0	
"2010-05-10	20:00:00"	18.66	283	9.93	32.61	12.47	283.9	12.25	24.86	86.6	86.6	-0.004	5.415	4.377	26.228	183.22	0	
"2010-05-10	21:00:00"	14.75	282.3	9.47	23.66	9.54	283.2	12.03	19.49	83	82	0.947	6.304	5.754	26.237	25.741	0	
"2010-05-10	22:00:00"	7.56	300.2	53.94	15.31	5.001	325.4	70.2	12.93	77.26	73.05	4.205	8.1	9.9	26.257	0.0001	0	
"2010-05-10	23:00:00"	5.076	252.3	42.58	11.14	3.059	245	56.81	6.964	76.82	71.67	5.151	8.7	10.92	26.279	0	0	
"2010-05-11	00:00:00"	8.33	298.3	12.12	11.74	3.738	310.7	14.82	5.771	74.59	65.78	8.81	9.89	15.22	26.279	0	0	
"2010-05-11	01:00:00"	8.09	302	13.77	11.14	3.435	296.6	38.39	5.771	68.33	62.48	5.847	13.23	17.96	26.272	0	0	
"2010-05-11	02:00:00"	5.163	285.3	30.24	8.75	2.262	270.2	63.55	5.175	68.46	63.41	5.047	13.18	17.25	26.273	0	0	
"2010-05-11	03:00:00"	8.6	216.1	78.92	12.93	4.829	176.1	83	8.16	66.03	59.83	6.195	14.74	20.4	26.272	0	0	
"2010-05-11	04:00:00"	7.688	199.5	16.64	12.93	4.491	205.3	24.02	9.35	60.81	58.13	2.675	20.21	23.44	26.277	0	0	
"2010-05-11	05:00:00"	5.584	210.9	11.74	8.75	2.84	198.1	30.41	4.578	61.51	56.96	4.546	21.16	26.14	26.272	0	0	
"2010-05-11	06:00:00"	5.942	198.1	27.08	11.14	3.503	193	43.65	6.368	63.14	58.28	4.857	18.84	24.43	26.275	0	0	
"2010-05-11	07:00:00"	6.952	185.8	15.86	11.74	3.914	176.5	20.28	8.75	64.45	59.04	5.411	20.06	26.01	26.28	0.77608	0	
"2010-05-11	08:00:00"	7.611	174	7.961	9.95	3.735	172.4	13.34	6.368	61.93	57.53	4.409	44.9	53.72	26.294	76.709	0	
"2010-05-11	09:00:00"	8.09	197.2	10.07	11.74	6.295	196.1	13.58	9.95	64.31	64.64	-0.331	52.87	53.95	26.312	276.18	0	
"2010-05-11	10:00:00"	9.41	217.2	11.94	14.12	7.578	218.5	15.46	12.93	71.37	72.25	-0.876	28.79	29.08	26.319	490.33	0	
"2010-05-11	11:00:00"	10.11	217.8	13.62	14.12	8.23	219.1	17.15	12.33	77.22	78.53	-1.318	16.78	16.43	26.311	698.43	0	
"2010-05-11	12:00:00"	10.44	217.9	17.22	19.49	8.4	217.8	20.3	15.31	81.6	83.2	-1.623	10.92	10.15	26.301	866.67	0	
"2010-05-11	13:00:00"	12.1	224.6	20.35	24.86	9.87	224.2	24.06	21.87	84	86.1	-2.013	9.18	8.06	26.286	980.57	0	
"2010-05-11	14:00:00"	15.37	221.8	18.07	27.24	12.32	222.6	20.51	21.87	86	88.3	-2.281	9.25	7.801	26.263	1027	0	
"2010-05-11	15:00:00"	21.7	226.7	13.51	37.98	17.08	228	16.97	30.22	88.7	91	-2.321	8.49	6.7	26.23	994.31	0	
"2010-05-11	16:00:00"	19.74	226.2	19.22	35.59	15.51	227.7	21.74	27.84	89.7	91.9	-2.196	7.968	6.152	26.206	944.74	0	
"2010-05-11	17:00:00"	23.45	221.4	13.62	39.17	17.91	222.5	17.12	29.63	90.9	92.8	-1.854	7.152	5.307	26.17	811.71	0	
"2010-05-11	18:00:00"	21.94	231.9	12.8	36.19	17.39	232.9	15.77	30.82	91.8	93.1	-1.301	6.469	4.663	26.143	629.51	0	
"2010-05-11	19:00:00"	23.81	221.6	10.41	36.78	17.81	223.3	13.73	30.22	91.6	92.3	-0.681	5.985	4.331	26.129	405.97	0	
"2010-05-11	20:00:00"	16.88	216.4	12.33	30.22	12.38	216.7	16.13	23.07	91	90.9	0.108	6.336	4.936	26.119	179.97	0	
"2010-05-11	21:00:00"	9.14	198	8.26	14.72	5.383	195.1	12.14	11.74	86.1	83.8	2.31	8.54	8.62	26.117	26.75	0	
"2010-05-11	22:00:00"	7.337	180.4	11.25	10.54	3.682	174.8	22.31	5.771	81.6	77.85	3.796	9.71	11.03	26.123	0	0	
"2010-05-11	23:00:00"	7.399	186.6	40.33	18.89	4.52	175	52.15	18.89	78.76	74.6	4.156	11.24	13.26	26.137	0	0	
"2010-05-12	00:00:00"	17.63	166.4	10.7	31.42	13.14	163.3	13.16	26.65	76.33	75.84	0.484	43.43	43.42	26.156	0	0	
"2010-05-12	01:00:00"	17.53	182.6	9.52	27.24	12.93	181.1	12.97	21.87	74.35	73.96	0.384	60.19	60.87	26.169	0	0	
"2010-05-12	02:00:00"	15.15	179.7	8.01	22.47	11.15	177.5	11.24	17.1	71.86	71.44	0.422	68.8	69.92	26.166	0	0	
"2010-05-12	03:00:00"	14.35	183.7	10.58	21.87	10.52	182.6	14.34	17.1	70.55	70.14	0.406	76.43	77.8	26.163	0	0	
"2010-05-12	04:00:00"	11.97	176	9.64	20.68	8.77	173.8	12.37	16.51	69.27	68.82	0.449	80.6	82.2	26.165	0	0	
"2010-05-12	05:00:00"	9.75	173.2	8.18	15.31	6.916	172.3	11.27	12.33	67.2	66.67	0.53	85.6	87.5	26.173	0	0	
"2010-05-12	06:00:00"	7.132	197.2	15.09	12.33	4.64	204	22.27	8.75	65.56	64.57	0.99	89.1	91.4	26.18	0	0	
"2010-05-12	07:00:00"	5.474	214.3	12.31	8.16	3.039	219.3	23.25	5.175	64.49	62.48	2.012	90.7	93.7	26.187	0.94089	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-12	08:00:00"	5.478	249.1	16.21	7.561	3.053	259.8	17.67	5.771	63.59	62.01	1.579	92.5	95.1	26.199	74.241	0
"2010-05-12	09:00:00"	7.859	292.4	14.2	14.72	4.667	294.3	15.43	11.14	66.36	66.31	0.052	69.28	72.94	26.208	282.1	0
"2010-05-12	10:00:00"	9.64	234.9	20.57	20.68	7.739	236.4	23.25	18.3	74.22	74.95	-0.723	27.8	28.29	26.217	505.29	0
"2010-05-12	11:00:00"	11.28	242.3	16.83	18.3	9.4	244.2	18.83	15.91	78.72	80	-1.286	12.43	12.17	26.222	708.49	0
"2010-05-12	12:00:00"	14.28	248.6	16.5	24.26	11.72	249.4	18.19	21.87	81.4	83.3	-1.886	9.7	8.93	26.209	876.76	0
"2010-05-12	13:00:00"	18.78	228.5	15.05	28.43	14.91	229.4	18.46	26.65	83.6	85.8	-2.139	7.265	6.235	26.2	990.45	0
"2010-05-12	14:00:00"	21.51	235.9	13.86	34.4	17.33	237.1	16.61	32.01	85	87.3	-2.276	5.68	4.463	26.185	1038.7	0
"2010-05-12	15:00:00"	20.34	241.4	13.12	32.61	16.71	243	15.63	29.03	86.4	88.7	-2.223	5.76	4.36	26.171	1000.1	0
"2010-05-12	16:00:00"	20.33	237.7	14.66	35.59	16.79	238.7	17.53	30.82	87.1	89.3	-2.126	5.484	4.025	26.157	952.44	0
"2010-05-12	17:00:00"	19.3	239.7	15.67	34.4	15.55	241.5	17.84	28.43	88.3	90.2	-1.875	5.375	3.878	26.141	813.36	0
"2010-05-12	18:00:00"	20.03	259.2	16.59	33.8	15.48	260.8	18.25	26.65	88.1	89.5	-1.467	5.686	4.254	26.132	625.09	0
"2010-05-12	19:00:00"	19.03	276.8	11.54	29.63	13.42	278.1	13.6	23.07	86.3	87.2	-0.926	6.422	5.263	26.138	403.25	0
"2010-05-12	20:00:00"	17.66	279.3	14.63	26.05	12.33	280.7	16.22	20.68	84.7	84.9	-0.119	7.121	6.207	26.147	176.17	0
"2010-05-12	21:00:00"	19.2	302.7	8.83	30.82	10.52	301.7	12.14	20.09	78.54	78.06	0.481	10.84	10.5	26.175	21.471	0
"2010-05-12	22:00:00"	14.58	294.3	8.56	26.05	8.21	294.8	11.58	17.1	74.22	73.5	0.712	12.44	12.64	26.208	0.00038	0
"2010-05-12	23:00:00"	8.55	292.3	8.56	16.51	4.493	290.8	12.08	10.54	70.86	69.15	1.715	12.89	14.15	26.248	0	0
"2010-05-13	00:00:00"	7.425	338.2	29.87	9.95	3.853	347.2	31.83	6.368	67.29	62.36	4.929	11.42	15.9	26.279	0	0
"2010-05-13	01:00:00"	8.67	333.4	9.7	11.14	4.352	338.1	10.41	5.771	66.39	59.14	7.245	8.67	15.58	26.292	0	0
"2010-05-13	02:00:00"	9.4	321.2	14.49	13.52	4.284	327.9	19.25	8.16	62.84	55.59	7.251	9.63	16.61	26.312	0	0
"2010-05-13	03:00:00"	10.49	344.8	9.16	13.52	5.713	343.8	12.6	8.75	59.32	56.03	3.287	12.24	16.17	26.345	0	0
"2010-05-13	04:00:00"	10.76	4.902	15.74	16.51	6.114	2.599	17.53	12.33	58.02	54.18	3.843	14.05	18.57	26.355	0	0
"2010-05-13	05:00:00"	13.71	21.32	7.667	18.89	9.29	19.35	14.9	14.12	52.02	51.44	0.583	38.86	41.21	26.363	0	0
"2010-05-13	06:00:00"	14.28	14.64	7.606	19.49	10.16	12.03	15.19	17.1	49.15	48.81	0.337	62.67	65.85	26.366	0	0
"2010-05-13	07:00:00"	15.05	18.08	7.331	21.28	10.64	16.24	15.23	17.1	47.01	46.73	0.281	74.37	77.93	26.367	0.84849	0
"2010-05-13	08:00:00"	15.93	18.07	8.12	24.86	11.49	15.84	15.77	20.68	45.96	46.03	-0.069	77.28	80.4	26.387	74.878	0
"2010-05-13	09:00:00"	18.17	21.99	8.91	25.45	13.39	20.21	16.39	20.68	48.56	49.38	-0.822	69.54	70.85	26.413	273.74	0
"2010-05-13	10:00:00"	16.47	27.92	13.19	24.26	12.34	27.05	19.08	20.09	52.03	53.62	-1.597	62.01	61.65	26.443	487.84	0
"2010-05-13	11:00:00"	13.41	43.3	14.46	20.68	10.51	42.93	17.75	18.89	55.71	57.9	-2.192	55.06	53.57	26.46	688.04	0
"2010-05-13	12:00:00"	13.94	41.76	13.19	21.28	10.92	41.12	16.37	19.49	59.55	62.27	-2.724	48.8	46.42	26.47	850.19	0
"2010-05-13	13:00:00"	12.76	58.76	16	21.87	10.16	57.72	17.98	18.89	63.16	66.06	-2.897	42.8	40.32	26.464	958.21	0
"2010-05-13	14:00:00"	11	53.62	22.32	19.49	8.97	52.54	25.17	17.7	66.81	69.7	-2.9	36.56	34.52	26.443	1006	0
"2010-05-13	15:00:00"	9.57	76.88	24.99	20.09	7.837	75.15	28.97	17.7	70.21	72.84	-2.626	30.9	29.28	26.425	975.84	0
"2010-05-13	16:00:00"	8.72	93.5	33.43	16.51	7.254	92.7	37.42	14.12	73.59	75.82	-2.229	24.05	22.74	26.408	931.92	0
"2010-05-13	17:00:00"	8.69	97.1	27.05	18.3	7.021	96.9	31	15.91	76.19	78	-1.804	20.57	19.46	26.391	801.8	0
"2010-05-13	18:00:00"	11.53	91.6	19.27	19.49	9.21	90	21.11	17.1	77.4	79.3	-1.9	22.26	20.88	26.378	616.03	0
"2010-05-13	19:00:00"	14.76	99.4	13.74	24.26	11.29	97.6	16.11	23.66	76.28	77.72	-1.439	28.47	27.23	26.379	394.93	0
"2010-05-13	20:00:00"	15.83	102.4	10.33	23.66	12.04	100.7	12.73	18.89	74.04	74.67	-0.632	33.93	33.35	26.394	175.32	0
"2010-05-13	21:00:00"	13.64	92.3	8.27	21.87	10.12	89.9	10.54	17.1	70.2	70.16	0.046	47.05	47.43	26.416	24.836	0
"2010-05-13	22:00:00"	12.11	83.9	7.978	17.7	8.97	82	10.49	14.12	66.02	65.81	0.21	62.26	63.44	26.439	0	0
"2010-05-13	23:00:00"	14.53	88	7.621	21.87	10.89	85.9	10	17.7	63.94	63.81	0.125	71.36	72.75	26.458	0	0
"2010-05-14	00:00:00"	15.2	88.8	7.82	22.47	11.38	86.8	9.89	17.7	62.82	62.88	-0.067	74.87	76.07	26.471	0	0
"2010-05-14	01:00:00"	15.13	84.9	7.58	21.87	11.24	82.6	10.42	17.1	61.12	61.15	-0.029	79.43	80.9	26.468	0	0
"2010-05-14	02:00:00"	15.66	84.2	7.399	21.87	11.65	81.9	10.01	18.3	60.04	60.01	0.033	82.8	84.5	26.467	0	0
"2010-05-14	03:00:00"	14.74	87.4	7.728	22.47	11.04	85	9.97	18.3	59.72	59.84	-0.118	85.3	86.7	26.467	0	0
"2010-05-14	04:00:00"	15	89.3	7.76	20.68	11.19	86.9	10.25	17.1	59.29	59.55	-0.261	87.2	88.3	26.464	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-14	05:00:00"	14.27	91	8.8	21.87	10.72	89.2	11.14	17.1	59.22	59.51	-0.282	88.6	89.7	26.463	0	0
"2010-05-14	06:00:00"	13.77	88	8.36	20.68	10.31	86.5	10.88	16.51	58.88	59.14	-0.255	91.5	92.8	26.47	0.0412	0
"2010-05-14	07:00:00"	13.64	81.9	9.97	20.09	10.09	80.5	12.73	16.51	58.43	58.6	-0.172	92.9	94.7	26.472	1.0755	0
"2010-05-14	08:00:00"	15.05	81.2	9.07	23.66	11.19	79.78	11.03	19.49	57.95	58.13	-0.177	93.3	95.3	26.461	15.651	0
"2010-05-14	09:00:00"	14.82	87.2	8.29	21.87	11.08	85.6	11.01	17.7	58.27	58.52	-0.256	93.5	95.6	26.447	70.025	0
"2010-05-14	10:00:00"	14.08	89.4	7.766	20.09	10.58	88.1	10.31	16.51	59.22	59.59	-0.372	93.6	95.3	26.448	113.07	0
"2010-05-14	11:00:00"	14.82	91.3	8.47	24.26	11.25	90.5	11.22	18.3	59.34	59.79	-0.444	93.5	94.6	26.454	101.11	0
"2010-05-14	12:00:00"	14.25	90.9	8.38	19.49	10.78	89.8	11.25	15.91	59.77	60.26	-0.494	93.5	94.4	26.455	100.35	0
"2010-05-14	13:00:00"	15.57	89.9	9.59	23.07	11.68	88.3	12.08	18.3	60.75	61.65	-0.891	93	92.3	26.446	171.42	0
"2010-05-14	14:00:00"	12.55	70	20.2	20.68	9.61	68.42	21.51	17.1	62.39	63.14	-0.749	88.5	88	26.435	100.97	0
"2010-05-14	15:00:00"	15.6	64	14.71	23.66	11.68	62.82	16.31	20.68	60.46	60.8	-0.339	90.2	91.2	26.407	21.694	0
"2010-05-14	16:00:00"	15.38	72.16	9.07	21.87	11.24	71.37	12.38	19.49	58.71	58.93	-0.213	92.7	94.5	26.394	24.709	0
"2010-05-14	17:00:00"	15.77	51.34	16.76	25.45	11.65	50.83	18.22	18.89	58.62	58.81	-0.189	92.3	94	26.366	37.096	0
"2010-05-14	18:00:00"	21.05	36.62	9.84	32.01	15.26	36.19	14.01	26.65	58.48	58.72	-0.239	88.3	89.8	26.37	55.233	0
"2010-05-14	19:00:00"	25.63	43.82	9.4	40.96	19.03	43.53	12.69	30.22	55.22	55.58	-0.36	83	84.6	26.379	107.56	0
"2010-05-14	20:00:00"	23.4	45.66	9.01	34.4	17.2	45.2	11.94	28.43	55.41	55.85	-0.439	76.83	78.25	26.402	149.1	0
"2010-05-14	21:00:00"	20.68	38.58	10.19	32.01	15.19	37.92	13.66	27.24	55.6	55.82	-0.221	79.79	81.5	26.445	20.442	0
"2010-05-14	22:00:00"	20.7	48.5	9.47	30.82	15.3	47.45	11.84	25.45	54.06	54.01	0.044	81.9	84.3	26.435	0	0
"2010-05-14	23:00:00"	20.29	62.32	9.75	28.43	15.08	61.35	12.16	24.26	53.71	53.74	-0.027	84.5	86.8	26.453	0	0
"2010-05-15	00:00:00"	19.33	65.34	8.16	28.43	14.37	63.88	11.27	23.66	53.54	53.65	-0.106	87.1	89.3	26.461	0	0
"2010-05-15	01:00:00"	13.63	66.89	16.34	26.65	10.15	65.46	18.01	22.47	53.39	53.54	-0.148	91.5	93.9	26.489	0.0001	0.2
"2010-05-15	02:00:00"	11.1	65.18	12.86	17.1	8.42	64	14.98	14.72	54.19	54.31	-0.115	92.3	94.9	26.493	0	0
"2010-05-15	03:00:00"	7.675	34.96	13.29	13.52	5.829	34.54	17.14	11.74	54.21	54.38	-0.173	92.5	95.1	26.488	0	0
"2010-05-15	04:00:00"	4.046	38.56	16.91	8.75	2.435	38.78	20.36	7.561	54.34	54.54	-0.197	92.9	95.4	26.488	0	0
"2010-05-15	05:00:00"	3.565	15.41	22.24	6.368	1.618	13.23	25.79	3.982	54.84	55.03	-0.193	92.8	95.3	26.488	0	0
"2010-05-15	06:00:00"	4.159	8.43	13.8	6.964	1.92	5.791	17.63	5.175	55.07	55.2	-0.131	92.4	94.9	26.482	0	0
"2010-05-15	07:00:00"	5.197	21.95	10.99	8.16	2.439	20.91	16.16	6.368	55.35	55.45	-0.099	92	94.6	26.48	0.24494	0
"2010-05-15	08:00:00"	6.168	14.97	11.37	10.54	3.973	12.37	16.94	9.35	55.77	55.86	-0.097	91.3	94.1	26.488	11.451	0
"2010-05-15	09:00:00"	6.926	26.54	9.81	10.54	5.008	25.37	15.08	8.75	56.48	56.72	-0.247	90.1	92.9	26.499	65.432	0
"2010-05-15	10:00:00"	7.142	37.43	13.42	9.95	5.478	37.52	17.08	9.35	57.59	58.19	-0.6	87.2	89.4	26.51	147.98	0
"2010-05-15	11:00:00"	6.541	37.26	12.95	9.35	5.231	36.43	16.67	8.16	58.57	59.16	-0.599	84.3	86.1	26.517	125.01	0
"2010-05-15	12:00:00"	7.253	67.16	13.65	11.14	5.777	65.99	15.48	9.35	59.14	59.75	-0.606	82.3	84.1	26.518	136.79	0
"2010-05-15	13:00:00"	7	84.1	15.03	10.54	5.573	82.5	17.23	9.35	59.5	60.09	-0.59	81.5	83.4	26.517	154.29	0
"2010-05-15	14:00:00"	4.951	68.8	25.59	9.35	3.786	67.95	25.76	8.16	60.25	60.83	-0.579	80.2	81.8	26.51	146.64	0
"2010-05-15	15:00:00"	5.806	97.2	19.09	12.93	4.225	93.8	22.96	10.54	59.78	60.17	-0.385	84.4	87	26.502	113.15	0
"2010-05-15	16:00:00"	6.954	114.9	14.56	11.74	5.464	113	18.56	10.54	61.03	61.6	-0.577	81.4	83.1	26.491	166.25	0
"2010-05-15	17:00:00"	9.63	111.4	10.06	14.72	7.513	108	13.37	12.33	61.18	61.78	-0.601	81.3	82.9	26.475	151.59	0
"2010-05-15	18:00:00"	9.74	111.9	11.16	14.12	7.505	109.9	15.08	11.74	61.08	61.74	-0.663	82.5	83.9	26.467	159.26	0
"2010-05-15	19:00:00"	8.58	95.5	13.29	12.93	6.657	93.2	15.82	10.54	61.27	61.92	-0.653	81.8	83.1	26.457	154.02	0
"2010-05-15	20:00:00"	9.35	96.9	10.38	12.93	7.222	94.8	12.77	11.14	61.88	62.24	-0.362	79.62	81.4	26.446	103.09	0
"2010-05-15	21:00:00"	7.912	86.2	8.79	12.33	5.615	84.1	11.25	10.54	60.65	60.39	0.259	81.4	84.4	26.447	15.766	0
"2010-05-15	22:00:00"	7.867	98.4	9.37	12.93	5.555	95.5	11.36	9.95	58.67	58.35	0.324	86.9	89.8	26.466	0	0
"2010-05-15	23:00:00"	6.425	107.3	11.67	10.54	4.36	104.4	14.89	8.16	57.42	57.18	0.246	90.2	93	26.494	0	0
"2010-05-16	00:00:00"	8.41	132.1	11.96	12.93	6.274	130.8	13.54	11.14	58.13	58.17	-0.032	90.6	92.9	26.514	0	0
"2010-05-16	01:00:00"	5.361	134.7	12.59	9.95	2.729	130	18.65	8.16	57.32	56.8	0.517	91.2	93.8	26.513	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-16	02:00:00"	4.256	121.1	30.29	9.35	2.629	110.3	42.33	7.561	56.85	56.44	0.408	91.9	94.6	26.509	0
"2010-05-16	03:00:00"	3.214	44.55	39.36	6.368	1.901	28.96	35.9	3.982	56.38	55.23	1.148	92.5	95.2	26.498	0
"2010-05-16	04:00:00"	3.957	37.25	11.59	6.368	1.957	43.42	15.6	5.175	55.13	54.37	0.761	92.9	95.5	26.489	0
"2010-05-16	05:00:00"	5.326	65.69	23.28	7.561	3.154	63.7	22.24	5.771	55.12	54.84	0.28	93.2	95.8	26.482	0
"2010-05-16	06:00:00"	5.757	56.45	11.69	8.16	4.204	53.85	13.76	6.964	56.08	56.05	0.029	93.4	95.8	26.476	0
"2010-05-16	07:00:00"	4.301	75.03	10.38	6.964	3.161	71.67	14.84	6.368	56.17	56.14	0.033	93.4	95.8	26.469	0.772
"2010-05-16	08:00:00"	6.633	90.7	10	10.54	4.896	87.9	12.93	9.95	57.34	57.44	-0.096	93.6	95.9	26.477	17.579
"2010-05-16	09:00:00"	9.09	101.3	12.34	12.93	6.846	100	15.27	10.54	58.55	58.78	-0.224	93.7	95.8	26.488	63.469
"2010-05-16	10:00:00"	9.06	120.2	12.4	12.93	6.743	119.4	15.44	10.54	60.04	60.57	-0.529	93.8	95.6	26.497	181.42
"2010-05-16	11:00:00"	9.57	149.3	17.41	16.51	7.539	146.8	18.41	11.74	62.38	64.09	-1.716	91.2	91.8	26.5	480.04
"2010-05-16	12:00:00"	6.616	188.8	27.94	12.93	5.478	186.3	32.05	11.14	66.83	68.36	-1.533	76.36	76.23	26.501	533.01
"2010-05-16	13:00:00"	4.146	183.9	58.78	9.95	3.38	178.5	63.86	8.75	68.98	69.61	-0.637	71.24	71.36	26.498	477.83
"2010-05-16	14:00:00"	6.506	160.5	47.56	14.12	5.369	160.1	49.25	13.52	71.87	72.98	-1.118	61.18	60.43	26.48	859.19
"2010-05-16	15:00:00"	8.02	154.9	32.1	17.7	6.458	153.8	34.58	15.91	74.3	75.83	-1.536	55.6	53.84	26.457	784.39
"2010-05-16	16:00:00"	9.4	150.2	22.91	18.3	7.688	148.1	25.09	14.12	76.44	78.11	-1.665	51.33	49.21	26.434	841.95
"2010-05-16	17:00:00"	8.47	150.7	36.41	16.51	6.994	148.5	37.51	12.93	77.89	79.24	-1.359	42.75	41.12	26.416	614.91
"2010-05-16	18:00:00"	12	139.6	24.32	22.47	9.46	136.6	26	18.3	78.76	80.6	-1.799	40.86	38.75	26.405	644.21
"2010-05-16	19:00:00"	11.79	149	15.11	20.68	9.18	146.7	16.49	17.1	78.83	79.88	-1.05	40.99	39.6	26.398	329.31
"2010-05-16	20:00:00"	12.42	144.6	12.67	19.49	9.36	142.6	13.72	15.31	78.34	78.91	-0.569	43.21	42.41	26.393	182.02
"2010-05-16	21:00:00"	10.87	132.2	8.73	16.51	7.701	130.5	11.35	12.93	74.9	74.66	0.242	52.91	53.58	26.406	23.112
"2010-05-16	22:00:00"	8.95	102	8.17	12.93	6.027	96.7	10.68	10.54	70.27	69.69	0.577	63.34	65.26	26.441	0.01207
"2010-05-16	23:00:00"	9.66	89	7.319	12.93	6.887	85.8	9.36	10.54	68.05	67.68	0.365	69.86	71.65	26.464	0
"2010-05-17	00:00:00"	11.33	102.9	7.41	15.91	8.26	99.8	10.28	12.93	67.24	66.93	0.309	75.06	76.77	26.472	0
"2010-05-17	01:00:00"	10.14	110.3	7.726	14.12	7.061	106.9	10.99	10.54	66.45	65.92	0.532	78.27	80.6	26.474	0
"2010-05-17	02:00:00"	9.25	133.8	9.66	12.93	6.284	131.9	11.72	11.14	64.78	64.29	0.496	83.1	85.5	26.479	0
"2010-05-17	03:00:00"	6.433	132.5	12.05	9.35	3.798	125.7	17.67	6.368	63.38	62.47	0.915	85.6	88.9	26.473	0
"2010-05-17	04:00:00"	4.9	115.7	11.09	6.964	2.094	75.09	16.15	3.982	62.39	60.28	2.117	86.9	91.9	26.464	0
"2010-05-17	05:00:00"	6.608	88.8	21.68	9.35	3.864	72.06	12.64	6.368	60.7	59.07	1.628	89.5	93.4	26.47	0
"2010-05-17	06:00:00"	7.49	75.29	7.913	9.35	5.057	69.98	10.24	6.964	59.69	59.45	0.239	92.3	94.7	26.484	0
"2010-05-17	07:00:00"	6.714	79.89	7.257	9.35	4.892	76.16	9.9	7.561	61	61.03	-0.025	92.5	94.4	26.49	0.93247
"2010-05-17	08:00:00"	5.631	84.7	7.632	8.16	3.78	77.64	10.26	6.368	61.04	60.93	0.111	92	93.9	26.494	53.836
"2010-05-17	09:00:00"	6.611	93.7	12.4	9.35	5.192	91.7	15.28	8.16	62.53	62.95	-0.413	90.7	91.6	26.507	81.984
"2010-05-17	10:00:00"	8.33	128.6	14.68	13.52	6.417	127.1	17.76	11.74	64.21	64.82	-0.601	88.7	88.9	26.519	120.51
"2010-05-17	11:00:00"	9.05	118.8	12.6	12.93	6.953	116.9	15.93	11.14	65.53	66.31	-0.777	85.6	85.3	26.531	169.15
"2010-05-17	12:00:00"	10.12	108.6	12.33	15.91	7.808	106.6	15.85	12.93	68.42	69.7	-1.283	77.73	76.45	26.534	376.08
"2010-05-17	13:00:00"	12.06	103.2	25.45	20.09	9.38	101.1	27.16	15.91	71.24	72.92	-1.681	70.6	68.32	26.539	586
"2010-05-17	14:00:00"	14.36	79.22	17.72	22.47	11.19	77.94	19.03	19.49	72.98	75.21	-2.226	66.38	62.84	26.518	687.91
"2010-05-17	15:00:00"	16.53	78.4	15.75	25.45	12.8	76.42	17.6	20.09	75.01	77.68	-2.67	62.02	57.72	26.495	932.03
"2010-05-17	16:00:00"	16.35	103.9	15.45	24.86	12.47	102	18.11	20.68	77.47	79.76	-2.288	55.84	52.15	26.465	701.55
"2010-05-17	17:00:00"	17.53	111.9	13.02	27.24	13.29	109.6	15.9	23.07	78	79.93	-1.931	53.49	50.37	26.43	635.82
"2010-05-17	18:00:00"	18.87	115.6	12.29	27.24	13.94	113.9	15.49	22.47	76.77	77.68	-0.913	56.7	55.09	26.411	194.34
"2010-05-17	19:00:00"	17.27	113.8	8.56	25.45	12.72	111.7	12.39	20.68	73.27	73.41	-0.146	63.7	63.7	26.432	9.4432
"2010-05-17	20:00:00"	17.04	148.1	12.84	27.84	12.66	146.1	13.57	21.28	70.28	70.39	-0.112	67.36	68.08	26.472	2.4412
"2010-05-17	21:00:00"	10.36	206	66.75	18.89	6.916	206.8	69.89	14.72	67.79	66.8	0.994	71.38	77.73	26.473	0.99766
"2010-05-17	22:00:00"	8.66	41.62	53.72	15.91	5.701	44.07	54.44	11.74	66.26	65.61	0.653	73.49	78.25	26.485	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-17	23:00:00"	10.22	17.17	23.91	17.7	7.137	14.18	28.08	13.52	65.87	65.39	0.484	76.71	80.2	26.495	0	0.01
"2010-05-18	00:00:00"	12.21	80.3	26.38	18.3	8.42	79.08	27.33	14.72	64.38	63.61	0.761	79.7	84.1	26.456	0	0
"2010-05-18	01:00:00"	10.62	130.2	9.13	17.7	7.305	128.4	11.84	14.12	62.72	62.12	0.592	80.7	84.2	26.428	0	0
"2010-05-18	02:00:00"	10.6	139.2	7.973	15.31	7.323	137	10.04	12.33	62.1	61.43	0.674	79.36	83.1	26.412	0	0
"2010-05-18	03:00:00"	6.401	152.4	14.42	11.14	3.79	149.3	19.16	8.16	60.46	59.46	0.997	81.5	85.8	26.392	0	0
"2010-05-18	04:00:00"	4.99	83.1	60.18	17.7	3.357	40.45	53.87	13.52	58.91	57.08	1.833	84.3	90	26.406	0	0
"2010-05-18	05:00:00"	9.27	49.59	11.59	14.12	6.535	48.83	13.89	11.14	57.08	56.71	0.368	90.2	93.1	26.431	0	0
"2010-05-18	06:00:00"	8.44	62.46	9.43	11.74	5.96	60.44	11.3	9.35	56.03	55.67	0.361	91.1	93.9	26.432	0	0
"2010-05-18	07:00:00"	10.14	72.33	11.59	15.91	7.475	70.55	13.52	12.93	54.93	54.83	0.105	92.2	94.9	26.427	0.45225	0
"2010-05-18	08:00:00"	11.91	89.7	8.31	16.51	9.01	87.3	10.91	13.52	55.76	55.91	-0.15	93	95.5	26.425	36.735	0
"2010-05-18	09:00:00"	10.99	78.28	12.23	16.51	8.23	75.78	14.65	13.52	56.79	57.2	-0.413	93.3	95.6	26.437	160.12	0
"2010-05-18	10:00:00"	11.04	85.7	13.6	14.72	8.6	83.6	15.69	12.93	60.11	61.14	-1.024	87	87.9	26.438	456.88	0
"2010-05-18	11:00:00"	10.96	129.9	22.51	17.7	8.64	128	24.14	14.72	65.7	67.09	-1.391	71.02	70.39	26.426	597.26	0
"2010-05-18	12:00:00"	12.04	154.1	14.41	20.09	9.72	152.2	16.22	17.1	68.95	70.54	-1.58	62.81	61.45	26.41	784.46	0
"2010-05-18	13:00:00"	13.15	162.6	15.84	23.66	10.44	159.9	17.85	20.68	73.61	75.47	-1.869	52.62	50.44	26.386	847.92	0
"2010-05-18	14:00:00"	11.66	183.3	21.78	21.28	9.31	182.2	25.73	17.1	77.38	79.16	-1.783	44.28	42.08	26.357	837.84	0
"2010-05-18	15:00:00"	11.8	185.6	27.84	24.86	9.41	183.8	31.82	23.66	79.37	81.3	-1.95	40.75	38.43	26.33	779.32	0
"2010-05-18	16:00:00"	9.87	185.3	25.57	22.47	7.978	182	29.38	18.89	81.4	83	-1.636	37	35.12	26.31	823.44	0
"2010-05-18	17:00:00"	9.82	182.3	22.87	20.09	7.82	179.8	27.06	17.1	83.1	84.7	-1.519	33.34	31.58	26.282	695.68	0
"2010-05-18	18:00:00"	11.85	199.1	22.51	21.28	9.29	199.2	26.91	17.7	85.4	86.7	-1.357	26.6	24.91	26.255	532.35	0
"2010-05-18	19:00:00"	11.19	178.3	17.07	18.3	8.61	175.4	20.99	14.72	85.9	86.6	-0.657	23.51	22.33	26.236	279.17	0
"2010-05-18	20:00:00"	10.41	170.4	15.16	18.3	7.833	167.4	17.17	14.12	86.4	86.5	-0.156	19.05	18.17	26.22	166.04	0
"2010-05-18	21:00:00"	12.73	141.9	9.11	21.87	9.17	139.7	10.48	15.91	81.8	81.4	0.415	34.58	34.22	26.218	18.841	0
"2010-05-18	22:00:00"	13.94	140.5	7.656	21.28	10.05	138.8	9.69	15.91	77.28	76.89	0.391	48.56	48.95	26.218	0.00479	0
"2010-05-18	23:00:00"	10.61	152.4	8.84	16.51	7.57	149.2	10.35	13.52	74.03	73.59	0.442	55.4	56.38	26.23	0	0
"2010-05-19	00:00:00"	13.25	176.2	12.3	22.47	9.61	173.8	14.85	17.1	72.55	72.11	0.441	60.49	61.69	26.238	0	0
"2010-05-19	01:00:00"	14.16	183.1	9.45	22.47	10.31	181.4	13.28	18.89	70.42	70.13	0.291	67.84	69.06	26.232	0	0
"2010-05-19	02:00:00"	9.27	189.7	10.56	15.31	6.665	188.6	13.8	11.74	67.96	67.55	0.406	75.21	76.96	26.236	0	0
"2010-05-19	03:00:00"	9.66	189.6	9.37	15.31	6.623	189.3	13.13	12.33	66.13	65.64	0.493	80.3	82.4	26.224	0	0
"2010-05-19	04:00:00"	8.84	193.7	10.06	13.52	5.987	193	15.01	9.95	64.7	64.16	0.54	84.7	87	26.219	0	0
"2010-05-19	05:00:00"	9.04	193.4	9.56	14.72	6.21	191.8	13.87	11.14	63.53	63.03	0.5	87.7	90	26.222	0	0
"2010-05-19	06:00:00"	7.937	217.3	25.82	12.93	5.231	221.1	29.68	9.95	62.93	62.21	0.721	88.7	91.3	26.231	0	0
"2010-05-19	07:00:00"	6.467	258.2	15.26	11.74	3.861	260.2	19.74	7.561	62	60.61	1.388	88.7	92.3	26.254	0.93996	0
"2010-05-19	08:00:00"	4.068	246.7	20.34	7.561	2.163	255.7	51.76	5.175	61.77	59.96	1.812	89.6	93.5	26.275	68.469	0
"2010-05-19	09:00:00"	5.139	260.9	29.05	9.35	3.692	260.8	32.22	6.964	64.76	65.12	-0.36	75.55	77.61	26.287	273.71	0
"2010-05-19	10:00:00"	10.36	315.6	14.67	19.49	6.919	313.6	17.59	13.52	70.94	72.11	-1.164	35	35.27	26.291	488.11	0
"2010-05-19	11:00:00"	13.13	310	13.27	20.68	8.39	310	15.94	17.1	73.79	75.6	-1.81	25.43	24.87	26.291	698.04	0
"2010-05-19	12:00:00"	13.85	306.2	19.19	24.86	9.11	305.6	20.21	16.51	76.69	79.01	-2.32	20.27	19.26	26.282	859.85	0
"2010-05-19	13:00:00"	13.79	287.7	19.5	24.26	9.46	287.8	21.83	18.3	78.65	81.1	-2.44	18.72	17.44	26.271	964.96	0
"2010-05-19	14:00:00"	14.36	274.6	18.32	25.45	10.44	275.9	20.69	20.68	80.1	82.7	-2.596	17.71	16.2	26.256	1010.1	0
"2010-05-19	15:00:00"	14.88	254.9	23.07	29.63	11.74	255.7	25.36	26.65	81.7	84.2	-2.551	16.67	15.04	26.24	980.15	0
"2010-05-19	16:00:00"	15.5	269.5	17.86	26.05	11.73	271.1	19.77	24.26	83.4	85.9	-2.501	14.68	13.02	26.22	932.33	0
"2010-05-19	17:00:00"	11.14	265.1	20.11	25.45	8.79	267	22.72	21.87	84.4	86.5	-2.073	14.95	13.36	26.19	799.79	0
"2010-05-19	18:00:00"	11.01	244.4	31.05	21.87	8.51	245.3	35.19	17.7	86	87.7	-1.692	13.6	12.1	26.167	620.3	0
"2010-05-19	19:00:00"	13.69	251.2	20.49	26.65	10.62	252.1	23.41	21.87	87.3	88.4	-1.112	10.22	8.9	26.157	408.65	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-19	20:00:00"	15.49	257	12.25	24.86	11.81	258.4	15.56	22.47	86.8	87.1	-0.257	10.26	9.14	26.158	184.96	0	
"2010-05-19	21:00:00"	9.63	345.2	17.03	16.51	6.171	343.1	17.88	13.52	81.2	80	1.238	17.22	17.53	26.181	29.68	0	
"2010-05-19	22:00:00"	9.99	345.7	8.66	12.33	5.664	344.7	10.77	8.75	75.72	72.98	2.74	20.75	23.12	26.207	0.03313	0	
"2010-05-19	23:00:00"	10.47	351	9.16	13.52	6.44	347.5	10.39	9.95	73.52	71.52	1.994	21.8	23.7	26.233	0	0	
"2010-05-20	00:00:00"	9.39	353.4	8.6	11.14	4.627	355.4	11.42	6.964	72.33	67.25	5.075	21.81	27.57	26.25	0	0	
"2010-05-20	01:00:00"	9.79	337	7.222	12.33	4.698	339.9	10.6	7.561	78.14	67.22	10.93	15.71	26.22	26.255	0	0	
"2010-05-20	02:00:00"	9.96	347.7	5.86	11.74	4.972	351.2	11.94	6.964	70.7	65.51	5.194	21.71	27.79	26.255	0	0	
"2010-05-20	03:00:00"	11.62	353.6	13.2	17.1	7.609	349.9	13.93	12.33	65.98	64.4	1.583	26.69	29.27	26.262	0	0	
"2010-05-20	04:00:00"	12.16	4.455	10.66	16.51	7.963	359.9	14.33	12.93	64.58	63.38	1.198	30.53	32.8	26.263	0	0	
"2010-05-20	05:00:00"	11.98	13.33	8.3	16.51	8.19	10.64	15.63	12.33	59.81	59.09	0.723	39.38	41.97	26.276	0	0	
"2010-05-20	06:00:00"	11.11	17.8	7.5	15.91	7.322	15.77	15.36	12.33	56.22	55.43	0.792	51.74	55.21	26.283	0	0	
"2010-05-20	07:00:00"	10.42	15.65	7.688	14.72	6.742	14.53	15.63	11.74	54.53	53.75	0.777	59.9	63.7	26.292	1.853	0	
"2010-05-20	08:00:00"	7.985	11.1	8.91	11.74	5.613	8.19	14.51	9.35	55.98	55.75	0.234	62.13	64.96	26.309	86.269	0	
"2010-05-20	09:00:00"	7.064	15.31	13.77	11.14	5.556	12.51	18.73	9.35	62.15	63.09	-0.936	55.53	55.9	26.321	284.09	0	
"2010-05-20	10:00:00"	6.111	43.09	21.27	9.35	5.012	43.54	25.54	8.16	67.45	68.8	-1.357	47.6	46.88	26.334	498.4	0	
"2010-05-20	11:00:00"	4.356	38.94	49.95	9.95	3.517	38.24	58.48	8.75	72.21	73.47	-1.258	38.2	37.4	26.337	698.69	0	
"2010-05-20	12:00:00"	6.96	310.8	40.41	13.52	5.471	309.6	44.24	11.74	77.11	79.09	-1.981	26.69	25.35	26.333	861.29	0	
"2010-05-20	13:00:00"	6.218	295.6	50.5	14.72	4.744	291.5	52.86	14.12	80.3	82.1	-1.807	21	19.67	26.331	966.1	0	
"2010-05-20	14:00:00"	9.49	288.5	34.98	23.66	7.063	289.3	36.73	18.89	83.1	85.3	-2.173	16.46	14.9	26.313	1013.3	0	
"2010-05-20	15:00:00"	12.72	271.9	25.1	23.66	9.41	273.9	28.12	20.68	84.8	87.4	-2.598	13.1	11.4	26.302	988.05	0	
"2010-05-20	16:00:00"	11.82	281	33.17	23.66	8.4	280.8	34.33	19.49	85.7	88.1	-2.472	12.71	10.99	26.293	938.46	0	
"2010-05-20	17:00:00"	11.7	279.4	30.3	21.87	8.7	279.5	31.23	18.3	86.6	88.9	-2.271	12.21	10.48	26.278	809.94	0	
"2010-05-20	18:00:00"	8.45	251.9	42.25	18.89	6.712	253.9	48.56	15.31	86.5	88.2	-1.714	12.19	10.68	26.271	626.64	0	
"2010-05-20	19:00:00"	7.092	284.3	49.11	15.91	5.706	286.8	52.77	13.52	86.7	87.9	-1.19	11.87	10.52	26.267	407.29	0	
"2010-05-20	20:00:00"	5	265.8	33.37	10.54	3.912	266.2	35.68	9.95	86.7	87	-0.315	11.93	10.95	26.27	184.13	0	
"2010-05-20	21:00:00"	4.042	167.1	65.69	6.964	2.815	139.3	75.35	4.578	85.4	82.4	3.074	12.55	15.15	26.282	30.708	0	
"2010-05-20	22:00:00"	9.02	128	6.599	10.54	4.174	113.2	13.17	6.368	79.84	74.41	5.426	16.25	20.02	26.295	0.0452	0	
"2010-05-20	23:00:00"	9.54	104.7	6.081	11.14	4.559	68.62	9.45	5.771	77.44	67.67	9.77	17.62	26.52	26.307	0	0	
"2010-05-21	00:00:00"	9.92	104.6	4.773	11.74	4.861	72.82	6.944	6.368	74.68	65.28	9.4	19.44	29.21	26.325	0	0	
"2010-05-21	01:00:00"	10.66	115.2	11.93	17.7	5.947	103.1	19.29	12.33	70.77	66.8	3.963	26.39	30.33	26.33	0	0	
"2010-05-21	02:00:00"	11.18	95.7	8.34	15.91	7.87	91.1	10.58	12.93	64.47	63.9	0.568	48.4	49.93	26.339	0	0	
"2010-05-21	03:00:00"	9.54	90.3	6.749	13.52	6.634	85.9	9.51	10.54	62.82	62.36	0.46	68.6	70.48	26.342	0	0	
"2010-05-21	04:00:00"	8.4	87.7	7.267	11.14	5.248	79.7	10.36	8.75	61.45	60.63	0.823	76.75	79.45	26.346	0	0	
"2010-05-21	05:00:00"	7.865	68.14	8.96	9.95	4.936	61.23	10.97	6.964	58.48	57.54	0.935	82.4	85.7	26.347	0	0	
"2010-05-21	06:00:00"	7.102	56.71	9.36	10.54	4.657	53.9	12.02	7.561	57.35	56.47	0.882	83.9	87.5	26.352	0	0	
"2010-05-21	07:00:00"	5.908	93.3	17.74	9.35	4.168	87.1	19.81	7.561	59.43	59.5	-0.077	84.5	85.6	26.356	0.85137	0	
"2010-05-21	08:00:00"	7.593	146.7	23.73	17.1	5.791	142.3	26.12	14.12	64.49	64.67	-0.177	87.2	87.7	26.364	25.744	0	
"2010-05-21	09:00:00"	14.31	166.8	9.98	25.45	11.01	163.3	12.44	20.68	68.47	68.91	-0.436	85.6	85.4	26.374	149.41	0	
"2010-05-21	10:00:00"	15.92	172.1	11.78	25.45	12.37	169.7	14.81	19.49	72.17	73.16	-0.992	75.34	73.86	26.379	466.88	0	
"2010-05-21	11:00:00"	16.89	174	11.41	26.05	12.99	171.6	14.98	21.28	76.29	77.82	-1.524	63.19	60.59	26.377	674.38	0	
"2010-05-21	12:00:00"	17.73	177.5	13.4	25.45	13.76	175	16.86	21.28	79.46	81.4	-1.948	56.18	52.74	26.369	830.32	0	
"2010-05-21	13:00:00"	17.82	180.5	11.59	27.24	13.86	178	14.87	21.87	82.7	84.9	-2.164	47.2	43.46	26.359	938.41	0	
"2010-05-21	14:00:00"	17.28	181.5	13.99	26.65	13.41	178.4	17.07	22.47	86.4	88.8	-2.355	37.9	34.6	26.339	985.78	0	
"2010-05-21	15:00:00"	16.78	180	16.54	27.24	13.01	177.1	19.67	23.66	89.6	92	-2.364	30.13	27.01	26.315	947.29	0	
"2010-05-21	16:00:00"	16.27	174.7	16.51	29.03	12.64	172.6	19.5	25.45	91.7	93.8	-2.055	21.35	18.7	26.289	881.82	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-21	17:00:00"	16.52	165.7	21.06	30.22	12.73	163.3	22.47	24.26	92.5	94.4	-1.847	21.7	19.01	26.265	733.57	0	
"2010-05-21	18:00:00"	17.22	150.7	18.52	31.42	13.15	149.6	19.87	23.07	91.9	93.5	-1.569	24.41	21.82	26.243	554.83	0	
"2010-05-21	19:00:00"	22.41	145.5	12.27	36.78	16.86	143.4	13.38	29.63	90.4	91.4	-0.974	29.63	27.4	26.229	354.06	0	
"2010-05-21	20:00:00"	22.08	146.7	8.64	33.21	16.6	144.2	10.63	26.65	87.1	87.4	-0.385	37.2	35.6	26.231	150.76	0	
"2010-05-21	21:00:00"	19.04	139.7	8.37	30.22	14.07	138.3	10.35	24.26	83.1	83.1	0.058	44.13	43.2	26.234	28.32	0	
"2010-05-21	22:00:00"	12.86	138.7	9.54	18.89	9.16	136.8	11.27	15.31	79.42	79.07	0.351	51.06	51.09	26.24	0.05219	0	
"2010-05-21	23:00:00"	17.03	158.1	9.17	27.24	12.77	155.1	11.31	21.87	77.27	77.07	0.203	58.72	58.82	26.253	0	0	
"2010-05-22	00:00:00"	18.52	174.4	11.21	27.24	13.68	171.5	13.9	22.47	74.74	74.57	0.168	65.28	65.69	26.265	0	0	
"2010-05-22	01:00:00"	16.85	180.4	8.83	30.22	12.32	178.5	12.74	22.47	72.64	72.45	0.186	70.64	71.35	26.272	0	0	
"2010-05-22	02:00:00"	12.48	191.4	17.78	24.26	9.06	190.8	21.3	18.89	71.05	70.79	0.263	75.92	77	26.26	0	0	
"2010-05-22	03:00:00"	14.97	178.6	9.71	24.86	11.08	176.3	12.69	20.68	70.34	70.1	0.237	78.99	80.1	26.252	0	0	
"2010-05-22	04:00:00"	16.25	175.8	9.41	24.86	12.15	173.9	12.59	20.09	69.4	69.29	0.108	84.7	85.6	26.248	0	0	
"2010-05-22	05:00:00"	14.06	177.7	12.82	26.65	10.49	176	15.64	20.09	68.75	68.75	0.002	88.1	88.8	26.239	0	0	
"2010-05-22	06:00:00"	10.55	189.4	9.75	17.1	7.603	188.1	13.61	14.12	68.1	68.01	0.089	89.8	90.8	26.238	0	0	
"2010-05-22	07:00:00"	8.38	187.3	10.53	14.12	5.986	186.7	14.32	11.74	67.58	67.51	0.065	90.7	91.7	26.245	0.93847	0	
"2010-05-22	08:00:00"	12.27	180.3	8.92	18.3	9.1	178.1	12.93	15.91	68.19	68.31	-0.118	89.4	90	26.256	49.651	0	
"2010-05-22	09:00:00"	13.35	185.1	9.92	22.47	10.02	182.8	13.77	17.7	69.9	70.48	-0.579	84.7	84.2	26.267	239.63	0	
"2010-05-22	10:00:00"	16.32	191.2	11.16	24.26	12.18	189.5	15.4	19.49	73.89	75	-1.102	73.23	71.51	26.279	468.47	0	
"2010-05-22	11:00:00"	15.49	209	12.86	23.07	11.66	209.6	16.28	19.49	78.25	79.9	-1.641	56.94	54.32	26.28	669.64	0	
"2010-05-22	12:00:00"	11.21	235.9	21.54	20.68	9.01	235.7	25.67	20.09	82.1	84	-1.923	39.31	36.92	26.265	833.87	0	
"2010-05-22	13:00:00"	10.8	228.8	22.24	18.89	8.87	228	26.74	16.51	85.6	87.7	-2.132	29.7	27.34	26.247	937.54	0	
"2010-05-22	14:00:00"	10.91	223.2	25.39	20.68	8.74	224.5	31.68	16.51	88.6	90.7	-2.125	21.7	19.4	26.226	980.59	0	
"2010-05-22	15:00:00"	13.81	220.2	22.06	25.45	10.95	220	26.18	19.49	91.4	93.8	-2.436	16.51	14.04	26.203	955.98	0	
"2010-05-22	16:00:00"	15.99	218.5	21.55	30.82	12.55	218.4	24.43	21.87	93.5	95.8	-2.249	14.25	11.71	26.18	914.27	0	
"2010-05-22	17:00:00"	14.14	217.6	22.91	29.03	11.22	218.4	27.03	23.07	94.4	96.4	-1.949	13.98	11.48	26.161	787.08	0	
"2010-05-22	18:00:00"	14.03	206	25.28	29.63	10.88	205.5	29.07	24.26	94.7	96.3	-1.605	19.08	16.44	26.145	600.48	0	
"2010-05-22	19:00:00"	19.76	158.5	13.31	29.03	15.31	155.5	14.93	23.07	90.7	91.9	-1.16	38.5	35.72	26.14	360	0	
"2010-05-22	20:00:00"	20.99	159.5	9.86	30.82	16.04	157	11.87	25.45	86.4	87	-0.628	47.27	45.05	26.152	162.84	0	
"2010-05-22	21:00:00"	20.02	155.5	9.02	33.21	15.18	152.7	10.8	26.65	80.7	80.9	-0.192	57.84	56.84	26.174	27.39	0	
"2010-05-22	22:00:00"	16.55	155.7	9.7	24.26	12.42	152.9	11.49	18.3	77.3	77.31	-0.009	64.48	64.2	26.19	0.07441	0	
"2010-05-22	23:00:00"	13.99	166.2	10.16	23.07	10.48	163	12.4	20.09	74.81	74.75	0.057	69.81	69.98	26.215	0	0	
"2010-05-23	00:00:00"	11.57	171.9	10.43	16.51	8.62	169.3	13.03	14.12	73.04	72.92	0.127	75.05	75.57	26.239	0	0	
"2010-05-23	01:00:00"	10.86	176.9	10.07	16.51	7.925	174.6	13.31	15.31	72.3	72.09	0.211	76.33	77.17	26.241	0	0	
"2010-05-23	02:00:00"	8.11	182	10.53	12.93	5.446	180.9	14.27	8.75	71.03	70.59	0.446	77.95	79.44	26.238	0	0	
"2010-05-23	03:00:00"	9.45	178.8	7.915	14.12	6.426	175.5	11.83	11.14	70.46	70.03	0.438	78.83	80.4	26.231	0	0	
"2010-05-23	04:00:00"	12.82	177.3	8.49	21.87	9.38	174.9	11.8	18.3	71.5	71.36	0.132	78.77	79.59	26.218	0	0	
"2010-05-23	05:00:00"	17.53	171.6	9.16	25.45	13.06	169	12.49	21.87	71.94	72.02	-0.087	80.2	80.4	26.213	0	0	
"2010-05-23	06:00:00"	13.58	174.2	9.65	20.68	10.29	170.3	12.68	16.51	71.74	71.88	-0.134	80.8	81	26.221	0	0	
"2010-05-23	07:00:00"	14.21	166.7	8.65	21.28	10.79	163.4	11.65	17.1	71.23	71.39	-0.165	82.7	82.9	26.226	0.7203	0	
"2010-05-23	08:00:00"	14.87	167.6	8.89	21.28	11.23	164.5	11.84	17.1	71.18	71.39	-0.202	82.9	83	26.245	20.177	0	
"2010-05-23	09:00:00"	16.6	170	10.19	25.45	12.54	166.9	12.72	20.09	71.5	71.86	-0.357	81.6	81.4	26.261	78.138	0	
"2010-05-23	10:00:00"	16.96	177.9	9.29	24.26	12.82	174.6	12.67	21.87	73.14	73.62	-0.481	76.53	75.98	26.271	149.02	0	
"2010-05-23	11:00:00"	16.79	172.7	9.86	27.24	12.78	169.4	13.32	20.68	74.83	75.65	-0.824	72.18	70.82	26.269	253.13	0	
"2010-05-23	12:00:00"	17.44	178	11.16	24.26	13.21	175.4	14.56	20.68	76.52	77.49	-0.967	67.66	65.96	26.27	383.53	0	
"2010-05-23	13:00:00"	17	179.3	14.41	30.22	13.23	176.5	18.18	25.45	80.3	82.1	-1.852	57.4	54.05	26.262	831.47	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-23	14:00:00"	15.11	167.2	17.21	26.05	11.94	164.8	19.27	21.87	82.5	84.8	-2.257	51.14	47.17	26.247	946.14	0
"2010-05-23	15:00:00"	14.56	176.8	17.58	24.26	11.58	174.9	21.13	21.87	84.1	86.5	-2.407	46.25	42.07	26.233	931.45	0
"2010-05-23	16:00:00"	17.05	158.9	17.31	29.03	13.31	157.1	19.14	23.66	85.3	87.7	-2.36	43.81	39.71	26.215	868.45	0
"2010-05-23	17:00:00"	18.98	153.8	14.48	32.01	14.66	151.3	15.37	24.86	85.7	87.8	-2.113	46.91	42.77	26.2	700.7	0
"2010-05-23	18:00:00"	19.94	147.2	13.76	30.22	15.25	144.4	15.2	23.66	85.6	87.5	-1.817	45.92	42.21	26.185	584.51	0
"2010-05-23	19:00:00"	20.89	147.9	10.61	32.61	15.77	145.8	12.18	26.05	84.6	85.5	-0.909	46.23	43.83	26.188	240.22	0
"2010-05-23	20:00:00"	24.46	141.9	10.11	45.73	18.05	140.3	12.01	35	81.5	82	-0.49	51.78	50.25	26.166	148.33	0
"2010-05-23	21:00:00"	23.03	148.8	9.85	36.19	17.17	146.3	11.4	28.43	78.7	78.77	-0.065	56.04	55.48	26.179	29.402	0
"2010-05-23	22:00:00"	15.05	160.8	8.18	25.45	11.37	157.9	10.45	20.09	75.76	75.71	0.05	62.63	62.65	26.2	0.06235	0
"2010-05-23	23:00:00"	15.74	150	9.44	27.24	11.71	147.4	11.03	22.47	74.24	74.1	0.136	66.81	67.19	26.211	0	0
"2010-05-24	00:00:00"	11.6	149.9	8.7	21.87	8.46	147.1	10.34	17.1	72.67	72.45	0.216	70.37	71.15	26.213	0	0
"2010-05-24	01:00:00"	12.69	161.4	8.77	29.63	9.37	158.2	11.13	22.47	72.05	71.95	0.098	71.4	72.04	26.219	0	0
"2010-05-24	02:00:00"	21.85	160.3	8.89	35.59	16.45	156.8	10.88	29.63	73.89	73.95	-0.056	69.89	69.99	26.2	0	0
"2010-05-24	03:00:00"	21.22	163.2	8.88	32.61	16.08	159.3	11.17	24.86	73.01	73.1	-0.094	72.07	72.2	26.191	0	0
"2010-05-24	04:00:00"	20.38	175.7	12.59	32.01	15.22	172.8	15.55	24.86	72.9	73.01	-0.112	74.93	75.04	26.2	0	0
"2010-05-24	05:00:00"	19.22	171.9	9.5	29.03	14.33	169	12.22	23.07	72.22	72.3	-0.079	77.64	77.9	26.203	0	0
"2010-05-24	06:00:00"	17.27	175.3	9.8	27.24	12.98	172.7	12.69	23.66	71.15	71.23	-0.085	80.5	80.9	26.208	0	0
"2010-05-24	07:00:00"	13.1	185.3	8.97	21.87	9.58	183.3	12.93	17.7	70.27	70.41	-0.136	83.1	83.4	26.225	1.4958	0
"2010-05-24	08:00:00"	10.73	181.3	9.04	17.1	7.98	179.1	12.71	12.33	69.15	69.23	-0.08	85.6	86.2	26.244	64.204	0
"2010-05-24	09:00:00"	14.8	186.7	10.89	22.47	11.02	184.1	14.33	18.89	71.83	72.34	-0.51	76.07	75.71	26.264	251.94	0
"2010-05-24	10:00:00"	16.82	212.3	15.15	25.45	12.48	212.7	18.78	20.09	76	77	-0.997	47.4	46.48	26.284	479.3	0
"2010-05-24	11:00:00"	14.78	230.2	16.14	23.07	11.68	231.5	19.6	19.49	78.61	80.2	-1.557	24.68	23.76	26.297	686.96	0
"2010-05-24	12:00:00"	12.32	219.7	21.8	20.09	9.84	220.1	25.59	18.3	80.7	82.5	-1.887	17.18	16.08	26.29	848.17	0
"2010-05-24	13:00:00"	15.08	211.2	17.59	26.65	11.76	211.7	21.63	21.87	83.3	85.5	-2.127	14.4	12.99	26.29	919.3	0
"2010-05-24	14:00:00"	15.75	210.2	16.88	27.24	12.26	209.6	20.56	23.07	85.1	87.5	-2.399	11.72	10.14	26.275	1014.2	0
"2010-05-24	15:00:00"	15.59	214.6	15.91	28.43	12.19	214.8	20.5	22.47	86.2	88.7	-2.486	11.5	9.76	26.265	981.64	0
"2010-05-24	16:00:00"	14.69	205.5	22.73	27.24	11.47	203.5	27.09	21.28	87	89.3	-2.307	11.84	10.04	26.253	937.35	0
"2010-05-24	17:00:00"	13.46	186.9	24.72	26.05	10.57	185.6	29.69	21.28	87.2	89.3	-2.074	11.97	10.21	26.239	810.74	0
"2010-05-24	18:00:00"	14.62	207.8	22.28	26.05	11.24	207.2	25.83	20.68	88	89.7	-1.734	11.78	10.05	26.221	628.28	0
"2010-05-24	19:00:00"	11.95	217	21.47	21.87	9.29	218.1	24.24	18.3	88.1	89.3	-1.225	11.91	10.36	26.222	413.13	0
"2010-05-24	20:00:00"	10.36	218.4	51.21	21.87	8.09	221.4	54.32	18.3	87	87.5	-0.522	17.4	15.95	26.225	192.82	0
"2010-05-24	21:00:00"	17.77	145.2	9.09	27.24	13.22	143.8	10.72	21.87	80.1	80.3	-0.195	53.63	52.56	26.245	34.783	0
"2010-05-24	22:00:00"	10.26	165.6	14.01	17.7	7.542	163.5	16.08	14.72	76.37	76.28	0.088	62.5	62.38	26.278	0.104	0
"2010-05-24	23:00:00"	8.63	166.5	10.84	14.12	6.174	163.9	13.19	11.74	73.74	73.57	0.169	68.48	68.87	26.305	0	0
"2010-05-25	00:00:00"	6.562	160.6	10.65	9.35	3.517	157.2	15.9	6.368	69.96	69.24	0.722	75.03	76.67	26.313	0	0
"2010-05-25	01:00:00"	7.956	157.4	11.67	12.33	5.204	153.7	13.89	9.35	68.07	67.61	0.452	80.5	81.9	26.322	0	0
"2010-05-25	02:00:00"	9.48	140.3	10.12	15.91	6.82	138.3	11.91	12.33	68.25	68.06	0.189	84.7	85.7	26.32	0	0
"2010-05-25	03:00:00"	7.328	145.9	9.61	12.93	5.09	143.9	10.93	9.95	67.42	67.13	0.287	87.4	88.7	26.3	0	0
"2010-05-25	04:00:00"	7.561	128.9	11.56	11.74	5.097	124.8	14.62	8.75	66.15	65.8	0.35	90.2	91.8	26.289	0	0
"2010-05-25	05:00:00"	6.326	134.3	10.73	14.72	4.479	133.6	13.13	11.14	66.44	66.51	-0.07	90.8	91.7	26.294	0	0
"2010-05-25	06:00:00"	5.71	134.1	9.21	9.95	3.453	131.1	12.72	8.16	66.13	65.93	0.201	91	92.1	26.309	0	0
"2010-05-25	07:00:00"	4.766	123	16.16	8.75	2.597	115.8	23.65	6.368	65.07	64.99	0.084	91	92.3	26.335	0.79084	0
"2010-05-25	08:00:00"	6.327	176.1	18.73	11.14	4.724	174.6	22.22	9.35	64.92	65.24	-0.326	87.4	88	26.356	14.673	0
"2010-05-25	09:00:00"	5.089	177.2	19.55	8.16	3.943	175.5	23.85	6.368	65.2	65.67	-0.47	89.3	89.5	26.363	79.624	0
"2010-05-25	10:00:00"	7.714	138.2	15.7	12.33	6.103	136.2	17.68	11.74	68.19	69.15	-0.963	81.3	80.4	26.371	265.63	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-25	11:00:00"	10.57	146.9	15.94	15.91	8.41	144.9	17.46	12.93	71.07	72.46	-1.395	72.8	70.84	26.381	481.52	0	
"2010-05-25	12:00:00"	10.29	133.1	17.36	17.1	8.12	132	20.52	14.72	72.45	73.95	-1.491	69.92	67.59	26.383	383.86	0	
"2010-05-25	13:00:00"	11.06	134.4	20.5	18.89	8.74	132.3	22.32	16.51	74.25	75.98	-1.727	65.19	62.41	26.386	541.11	0	
"2010-05-25	14:00:00"	14.75	122.9	14.09	32.61	11.32	121.6	16.85	29.03	74.98	77.22	-2.237	63.38	59.55	26.386	603.16	0	
"2010-05-25	15:00:00"	16.48	119.7	13.96	23.66	12.6	117.9	16.74	20.09	76.26	78.75	-2.496	61.09	56.73	26.38	727.1	0	
"2010-05-25	16:00:00"	14.86	112.7	16.81	24.86	11.44	111.6	19.07	21.87	77.71	79.94	-2.228	58.73	54.74	26.369	650.9	0	
"2010-05-25	17:00:00"	16.78	122	17.22	27.24	12.83	121	19.93	23.07	80.2	82.5	-2.306	53.26	49.17	26.348	704.54	0	
"2010-05-25	18:00:00"	17.06	122.6	12.93	27.24	12.85	120.8	16.06	21.87	81.5	83.2	-1.719	48.77	45.52	26.331	461.94	0	
"2010-05-25	19:00:00"	19.06	134.6	12.98	29.03	14.1	133.6	14.88	24.86	82.4	83.6	-1.229	45.37	42.8	26.311	323.24	0	
"2010-05-25	20:00:00"	17.5	138.5	8.68	27.24	12.87	137.3	11.1	23.07	80.6	80.7	-0.162	47.26	46.31	26.316	24.024	0	
"2010-05-25	21:00:00"	16.32	137.9	13.26	33.21	12.07	136.5	14.94	24.26	78.91	78.94	-0.037	52.98	52.44	26.33	10.561	0	
"2010-05-25	22:00:00"	13.3	133.3	11.69	29.63	9.59	131.7	13.97	23.66	76.42	76.22	0.206	59.04	59.25	26.336	0.12116	0	
"2010-05-25	23:00:00"	10.02	107.9	7.566	13.52	7.199	104.7	11.1	11.14	74.63	74.27	0.359	60.74	61.49	26.381	0	0	
"2010-05-26	00:00:00"	10.19	115.9	8.1	14.72	7.221	113.5	12.08	11.74	73.77	73.35	0.419	62.87	63.81	26.394	0	0	
"2010-05-26	01:00:00"	13.41	131.8	8.28	19.49	9.6	130.6	11.52	16.51	71.78	71.54	0.244	70.81	71.7	26.388	0	0	
"2010-05-26	02:00:00"	10.03	126.9	9.41	15.31	7.024	125	12.62	12.33	69.48	69.18	0.304	78.56	79.83	26.394	0	0	
"2010-05-26	03:00:00"	12.37	142.4	10.34	24.26	9.13	140.3	12.11	19.49	67.94	67.76	0.176	79.45	80.8	26.403	0	0	
"2010-05-26	04:00:00"	10.39	130.3	19.86	20.68	7.8	128.1	21.93	15.91	67.92	68.06	-0.146	80	80.7	26.407	0	0	
"2010-05-26	05:00:00"	9.23	75.89	9.17	15.91	6.881	74.79	11.93	11.74	66.74	66.95	-0.209	78.82	79.45	26.418	0	0	
"2010-05-26	06:00:00"	10.9	76.95	8.97	18.3	8.13	75.32	12.04	16.51	66.01	66.21	-0.205	81.4	82	26.434	0	0	
"2010-05-26	07:00:00"	10.98	89.1	7.689	15.91	8.21	87.2	10.61	13.52	65.83	66.05	-0.222	82.8	83.4	26.443	0.58222	0	
"2010-05-26	08:00:00"	10.16	78.12	12.15	14.12	7.714	76.11	14.01	12.93	65.81	66.09	-0.288	84.5	84.9	26.465	18.808	0	
"2010-05-26	09:00:00"	11.78	83	11.06	17.1	8.94	81.7	13.19	14.12	66.46	66.96	-0.499	82.9	82.9	26.482	78.478	0	
"2010-05-26	10:00:00"	11.98	108.4	14.03	17.7	8.99	107	16.9	14.72	67.04	67.57	-0.529	81.2	81	26.497	76.582	0	
"2010-05-26	11:00:00"	12.69	121.9	12.85	20.09	9.46	120.9	15.95	17.1	67.8	68.77	-0.971	80.2	79.27	26.507	277.33	0	
"2010-05-26	12:00:00"	14.71	150.9	14.87	21.87	11.59	148.5	16.82	17.7	69.48	71.42	-1.938	74.6	71.49	26.501	669.06	0	
"2010-05-26	13:00:00"	15.1	155	13.74	22.47	12.03	152.8	15.11	19.49	71.52	73.82	-2.301	69.61	65.73	26.498	895.24	0	
"2010-05-26	14:00:00"	14.67	162.2	14.69	27.84	11.83	159.6	16.56	20.68	74.58	76.97	-2.388	60.87	56.93	26.482	960.04	0	
"2010-05-26	15:00:00"	14.66	151.1	18.58	29.03	11.63	148.9	20.06	22.47	78	80.5	-2.46	51.84	47.87	26.46	919.27	0	
"2010-05-26	16:00:00"	15.03	145.4	15.96	26.65	11.85	143.7	17.31	23.66	80.3	82.7	-2.395	47.69	43.7	26.436	846.68	0	
"2010-05-26	17:00:00"	14.17	144.7	17.92	24.86	11.03	142.1	18.92	20.68	81.3	83.2	-1.886	45.65	42.3	26.416	535.89	0	
"2010-05-26	18:00:00"	13.13	143.4	18.59	21.87	10.21	141	19.68	18.3	81.9	83.6	-1.683	43.29	40.4	26.399	533.68	0	
"2010-05-26	19:00:00"	13.35	141.5	14.97	20.68	10.44	140.7	16.64	18.3	82.6	84.1	-1.467	41.61	39	26.396	410.91	0	
"2010-05-26	20:00:00"	13.28	145.1	11.08	21.87	10.16	143.4	13.11	17.1	81.9	82.6	-0.653	41.75	40.16	26.398	157.61	0	
"2010-05-26	21:00:00"	10.53	144.9	9.13	16.51	7.698	142.6	11.14	14.72	80.3	80.2	0.119	43.1	42.62	26.411	22.748	0	
"2010-05-26	22:00:00"	9.09	137.3	9.17	12.33	6.135	134.9	11.24	9.95	77.09	76.55	0.538	49.43	49.98	26.432	0.06685	0	
"2010-05-26	23:00:00"	10.12	110.4	16.56	16.51	7.038	107.3	19.29	13.52	74.29	73.83	0.456	55.04	55.85	26.45	0	0	
"2010-05-27	00:00:00"	11.84	103.1	9.03	18.3	8.67	100.9	11.54	14.12	70.92	70.78	0.145	67.73	68.43	26.479	0	0	
"2010-05-27	01:00:00"	9.5	106.6	8.44	14.72	6.819	103.1	11.89	12.33	68.56	68.34	0.219	74.06	75.23	26.485	0	0	
"2010-05-27	02:00:00"	7.709	106.5	8.35	11.14	5.291	100.7	11.03	8.75	66.78	66.42	0.356	78.25	79.92	26.483	0	0	
"2010-05-27	03:00:00"	6.346	107.8	8.5	9.95	3.608	94.6	17.46	6.368	65.37	64.38	0.981	80.1	83	26.485	0	0	
"2010-05-27	04:00:00"	7.013	131.1	22.23	9.35	3.915	118.8	31.05	6.368	64.96	63.73	1.223	81.3	84.6	26.484	0	0	
"2010-05-27	05:00:00"	3.411	148.4	8.87	8.16	3.35	141.4	12.32	5.771	64.83	63.96	0.872	84.4	86.8	26.481	0	0	
"2010-05-27	06:00:00"	2.258	103.6	15.3	7.561	3.229	86.8	20.83	6.368	62.4	61.02	1.375	88.1	90.9	26.483	0	0	
"2010-05-27	07:00:00"	6.469	108.5	8.88	8.75	3.204	79.84	12.25	5.175	61.81	59.32	2.485	90	92.7	26.486	2.6532	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-27	08:00:00"	6.778	94.3	11.88	10.54	4.491	85.6	15.22	8.16	61.67	61.41	0.263	90.3	92	26.506	87.46	0
"2010-05-27	09:00:00"	10.22	142.1	19.46	15.91	8.01	139.8	21.05	13.52	67.17	67.88	-0.701	83.8	83.3	26.518	271.39	0
"2010-05-27	10:00:00"	11.34	163.8	14.72	18.89	8.98	161.5	17.38	15.91	70.06	71.28	-1.218	77.19	75.58	26.527	466.76	0
"2010-05-27	11:00:00"	9.57	175.1	18.03	17.1	7.77	173.2	20.75	12.93	73.9	75.36	-1.464	66.93	64.76	26.521	661.06	0
"2010-05-27	12:00:00"	10.39	167.1	24.21	19.49	8.39	165	26.77	16.51	78.2	80.1	-1.864	52.46	49.58	26.511	824.8	0
"2010-05-27	13:00:00"	11.81	148	21.42	21.87	9.43	146.5	21.99	17.1	81.2	83.4	-2.209	45.31	41.81	26.502	935.38	0
"2010-05-27	14:00:00"	12.08	146.2	21.87	22.47	9.71	145	23.91	20.09	82.8	85.1	-2.331	40.73	37.48	26.487	977.74	0
"2010-05-27	15:00:00"	12.31	136.4	26	25.45	9.81	135.6	28.34	17.7	83.8	85.9	-2.089	39.29	36.37	26.469	742.85	0
"2010-05-27	16:00:00"	12.08	127.5	21.4	22.47	9.55	125.9	23.88	18.89	84.6	86.7	-2.119	36.51	33.71	26.453	809.22	0
"2010-05-27	17:00:00"	13.01	132.3	22.39	20.68	9.97	130.2	24.51	17.1	85.1	86.9	-1.816	35.49	32.9	26.437	464.02	0
"2010-05-27	18:00:00"	13.8	133.2	16.23	23.07	10.53	131.4	18.48	19.49	85.3	86.8	-1.504	34.47	32.2	26.42	416.41	0
"2010-05-27	19:00:00"	14.21	128	17.15	23.66	10.86	126.7	19.25	18.89	85.3	86.6	-1.312	34.02	31.96	26.416	392.9	0
"2010-05-27	20:00:00"	13.33	127.3	16.06	20.09	9.93	126.5	17.79	17.1	84.5	85.2	-0.675	32.85	31.41	26.42	182.2	0
"2010-05-27	21:00:00"	11.8	121.6	8.66	18.89	8.45	120.6	12.61	15.31	82.1	81.9	0.208	36.28	35.73	26.439	18.376	0
"2010-05-27	22:00:00"	10.1	113.8	7.729	14.12	7.102	110.8	11.65	11.14	78.48	77.93	0.55	40.38	40.63	26.456	0.04836	0
"2010-05-27	23:00:00"	11.57	114.8	7.274	17.1	8.17	112.8	11.43	14.12	75.99	75.54	0.456	45.51	46	26.471	0	0
"2010-05-28	00:00:00"	12.44	116.6	7.625	17.7	8.94	114.3	12.14	15.31	74.49	74.09	0.401	50.47	51.17	26.478	0	0
"2010-05-28	01:00:00"	12.07	122.6	7.924	17.1	8.46	121.1	11.88	12.93	72.8	72.37	0.434	53.33	54.35	26.475	0	0
"2010-05-28	02:00:00"	11.47	136.5	8.5	18.3	8.18	134.7	10.69	14.12	70.92	70.53	0.386	55.8	57.02	26.473	0	0
"2010-05-28	03:00:00"	8.91	154.3	9.04	14.72	6.234	151.2	10.54	11.14	68.46	68.07	0.389	59.84	61.31	26.47	0	0
"2010-05-28	04:00:00"	7.156	162.4	6.988	9.35	4.161	160.4	10.72	6.368	66.2	65.39	0.815	65.08	67.47	26.46	0	0
"2010-05-28	05:00:00"	6.345	176.6	5.654	8.16	3.332	175.8	10.55	5.175	65.19	63.88	1.307	69.75	72.84	26.457	0	0
"2010-05-28	06:00:00"	8	180.8	9.13	11.14	4.971	179.9	13.49	8.16	65.19	64.28	0.91	75.25	77.94	26.459	0	0
"2010-05-28	07:00:00"	6.296	197.4	5.584	8.16	3.172	207.5	11.83	5.175	63.57	61.88	1.693	78.92	82.9	26.467	2.6061	0
"2010-05-28	08:00:00"	6.324	195.7	7.613	9.35	3.68	196.8	12.09	7.561	64.51	63.77	0.746	78.55	81.2	26.475	89.346	0
"2010-05-28	09:00:00"	9.12	195.2	10.2	15.31	6.903	193.6	15.52	11.14	68.09	68.81	-0.723	70.15	69.98	26.482	277.99	0
"2010-05-28	10:00:00"	9.43	196.3	16.01	14.12	7.438	195.7	19.98	12.33	71.67	72.85	-1.184	60.25	59.02	26.484	488.35	0
"2010-05-28	11:00:00"	8.61	169.8	25.35	15.31	7	169.6	27.4	12.93	75.8	77.16	-1.356	49.08	47.38	26.481	685.68	0
"2010-05-28	12:00:00"	10.06	147.8	25.48	18.3	8.1	144.7	27.95	15.31	79.69	81.5	-1.771	36.5	34.56	26.473	849.7	0
"2010-05-28	13:00:00"	10.95	154	24.53	20.09	8.86	151.7	27.08	17.1	82.1	84.1	-1.978	29.22	27.21	26.46	894.27	0
"2010-05-28	14:00:00"	11.31	151.9	25.14	20.68	9.17	151.8	26.54	17.1	83	85	-2.023	28.01	25.87	26.437	919.54	0
"2010-05-28	15:00:00"	11.24	143.3	22.85	32.01	8.98	142.2	25.29	30.82	85.5	87.7	-2.263	24.21	21.84	26.412	958.02	0
"2010-05-28	16:00:00"	10.51	139.5	38.2	23.07	8.39	137	40.33	18.89	86.7	88.8	-2.085	22.8	20.44	26.384	928.12	0
"2010-05-28	17:00:00"	10.83	150.8	27.77	20.09	8.68	149.2	31.09	15.31	87.2	89.1	-1.912	22.35	20.06	26.361	796.32	0
"2010-05-28	18:00:00"	10.44	155.2	29.54	20.68	8.33	153.6	32.95	18.3	87.5	89.2	-1.703	21.66	19.5	26.346	619.51	0
"2010-05-28	19:00:00"	10.64	155.3	21.41	20.68	8.34	152.8	23.58	17.7	87.2	88.5	-1.319	22.8	20.84	26.335	410.63	0
"2010-05-28	20:00:00"	11.62	147.7	17.5	19.49	8.83	145.9	18.38	16.51	86.3	87	-0.689	25.44	23.89	26.332	192.88	0
"2010-05-28	21:00:00"	9.47	136.1	8.29	17.1	6.531	134.7	10.61	14.12	84.1	83.7	0.39	27.54	26.95	26.337	36.186	0
"2010-05-28	22:00:00"	8.03	132.6	5.902	10.54	4.517	127	10.25	7.561	79.94	78.27	1.664	31.48	32.37	26.347	0.07355	0
"2010-05-28	23:00:00"	8.34	126.2	9.8	11.14	4.676	119.4	12.2	6.964	77.15	75.43	1.725	35.06	36.46	26.363	0	0
"2010-05-29	00:00:00"	9.14	123.2	15.59	13.52	5.867	118.5	17.37	11.74	75.17	74.03	1.14	38.03	39.21	26.375	0	0
"2010-05-29	01:00:00"	6.761	127.8	11.39	12.33	4.918	119.1	14.53	8.75	72.28	70.83	1.449	40.96	43.57	26.377	0	0
"2010-05-29	02:00:00"	6.457	146.6	19.76	9.35	3.474	140.3	29.77	5.771	69.4	67.81	1.587	44.91	48.07	26.375	0	0
"2010-05-29	03:00:00"	6.378	169.9	8.48	8.75	2.693	156.5	16.19	5.175	68.21	65.66	2.552	47.08	51.54	26.365	0	0
"2010-05-29	04:00:00"	6.248	166.8	9.95	8.16	1.159	164	17.75	3.982	66.59	64.42	2.175	52.08	56.1	26.359	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-29	05:00:00"	8.21	184.4	7.484	12.33	5.064	184.7	11.63	8.75	66.51	65.16	1.354	57.33	60.23	26.354	0
"2010-05-29	06:00:00"	8	187.5	7.722	11.74	4.592	195.4	13.67	8.16	65.17	63.64	1.529	62.03	65.41	26.351	0
"2010-05-29	07:00:00"	7.192	167	6.635	9.35	3.367	163.3	10.13	6.368	63.56	61.92	1.637	66.08	70.11	26.35	2.4373
"2010-05-29	08:00:00"	8.3	159.9	8.32	15.31	5.61	157.7	10.47	11.74	65.19	64.73	0.456	63.26	65.6	26.347	89.981
"2010-05-29	09:00:00"	13.4	161.2	10.56	20.68	10.34	157.9	12.16	15.91	70.2	70.62	-0.422	54.32	54.52	26.344	285.14
"2010-05-29	10:00:00"	13.27	167.4	12.02	19.49	10.57	164.1	14.47	16.51	74.9	75.85	-0.949	45.11	44.13	26.346	499.32
"2010-05-29	11:00:00"	14.21	163.3	12.42	21.28	11.19	160.2	15.2	18.89	79.67	81.1	-1.452	33.47	32	26.343	697.79
"2010-05-29	12:00:00"	14.16	165.4	17.42	24.26	11.11	162.3	19.42	22.47	83.2	85	-1.859	26.58	24.64	26.336	856.55
"2010-05-29	13:00:00"	13.56	163	21.57	23.07	10.78	159.5	23.23	19.49	84.6	86.9	-2.272	26.68	24.26	26.322	970.62
"2010-05-29	14:00:00"	12.87	183.6	22.57	24.26	10.19	182.8	26.12	18.89	85.1	87.4	-2.311	28.38	25.77	26.308	950.53
"2010-05-29	15:00:00"	10.58	162.8	27.09	32.01	8.57	159.2	28.47	26.65	87.2	89.2	-2.018	24.65	22.22	26.283	975.42
"2010-05-29	16:00:00"	9.95	141.4	31.55	21.28	8.07	138.6	34.35	18.3	88.8	90.8	-1.997	23.27	20.73	26.257	913.53
"2010-05-29	17:00:00"	9.59	132.8	32.97	21.28	7.752	129.1	35.77	15.91	89.5	91.4	-1.957	22.18	19.67	26.237	788.79
"2010-05-29	18:00:00"	9.81	127.4	36.56	17.7	7.857	126.3	37.63	15.31	90	91.7	-1.691	20.2	17.87	26.227	601.9
"2010-05-29	19:00:00"	10.58	145.2	32.71	21.87	8.24	143.8	35.26	17.1	89.8	91	-1.228	19	16.99	26.226	395.3
"2010-05-29	20:00:00"	10.08	126.8	13.98	16.51	7.292	124.9	16.6	13.52	88.3	88.4	-0.067	19.23	17.91	26.229	73.267
"2010-05-29	21:00:00"	8.19	136.4	10.27	13.52	5.206	133.7	12.37	9.95	84.8	84	0.785	21.45	20.98	26.247	9.3646
"2010-05-29	22:00:00"	10.75	298.3	41.96	27.24	6.914	298.1	40.86	20.68	81	80.8	0.159	30.76	30.17	26.283	0.009
"2010-05-29	23:00:00"	5.566	227.7	44.76	10.54	3.626	222.9	51.85	8.75	78.88	78.36	0.518	33.73	33.84	26.285	0
"2010-05-30	00:00:00"	5.54	167	10.16	8.16	3.073	158.5	14.73	5.175	77.57	76.35	1.213	34.05	34.69	26.286	0
"2010-05-30	01:00:00"	9.54	173.3	13.57	14.72	6.865	173.2	18.69	12.33	74.55	74.3	0.248	40.91	41.1	26.279	0
"2010-05-30	02:00:00"	10.09	173.7	10.59	16.51	7.09	171	13.71	11.74	74.03	73.51	0.519	41.26	42.04	26.274	0
"2010-05-30	03:00:00"	12.37	177.3	9.49	18.89	9.63	174.6	12.9	15.31	73.02	72.65	0.375	42.52	43.23	26.271	0
"2010-05-30	04:00:00"	9.64	180.8	10.72	15.31	6.649	178.9	14.68	11.14	70.45	69.93	0.52	48.12	49.42	26.279	0
"2010-05-30	05:00:00"	7.582	181	10.13	10.54	4.819	182.9	16.6	9.35	68.15	67.27	0.883	52.72	54.9	26.287	0
"2010-05-30	06:00:00"	7.574	186.8	7.44	11.14	4.151	191.5	14.02	7.561	66.79	65.09	1.702	56.21	59.93	26.284	0
"2010-05-30	07:00:00"	6.165	175.2	10.98	8.75	2.906	177.5	17.09	5.771	65.87	64.33	1.541	59.43	62.88	26.284	2.6013
"2010-05-30	08:00:00"	5.529	151.6	16.38	9.35	3.268	145.8	19.04	7.561	66.08	65.39	0.692	62.39	64.78	26.296	86.492
"2010-05-30	09:00:00"	7.287	178.8	11.61	11.74	5.874	175.2	15.88	10.54	70.22	70.79	-0.574	58.59	58.54	26.303	271.77
"2010-05-30	10:00:00"	5.836	164.3	18.83	9.95	4.813	162.3	21.22	8.75	74.56	75.29	-0.732	51.86	51.13	26.313	476.35
"2010-05-30	11:00:00"	4.888	181.7	36.09	9.95	4.063	178.6	46.42	8.16	80.3	81.3	-1.049	42.25	40.74	26.318	666.04
"2010-05-30	12:00:00"	6.625	155	39.5	12.93	5.55	153.8	42.95	11.14	84.3	85.6	-1.299	33.51	31.68	26.319	823.55
"2010-05-30	13:00:00"	6.794	146.4	53.52	13.52	5.64	143.1	56.71	11.14	86.9	88.7	-1.774	28.75	26.46	26.316	894.34
"2010-05-30	14:00:00"	7.597	126.7	73.8	17.7	6.177	124.5	74.59	15.31	88.2	89.7	-1.49	25.18	22.97	26.31	606.9
"2010-05-30	15:00:00"	8.79	97.4	46.11	19.49	6.899	96.6	47.89	16.51	88.9	90.3	-1.421	22.59	20.49	26.301	453.14
"2010-05-30	16:00:00"	11.58	67.5	17.19	21.87	9.09	65.91	19.91	18.3	89.7	91.4	-1.753	22.57	20.13	26.286	479.4
"2010-05-30	17:00:00"	9.15	65.32	18.54	18.89	7.005	63.21	19.59	15.91	88.6	88.9	-0.348	22.64	21.06	26.285	74.355
"2010-05-30	18:00:00"	11.52	253.5	87.8	40.96	7.816	260.5	89.7	31.42	86.1	85.5	0.587	25.62	26.56	26.295	98.813
"2010-05-30	19:00:00"	8.95	31.1	79.13	15.31	6.594	25.08	79.98	11.74	84.4	84.6	-0.187	30.17	29.56	26.293	104.74
"2010-05-30	20:00:00"	7.889	327.1	19.27	17.1	5.351	327.3	22.06	13.52	82.8	82.6	0.219	32.64	32.8	26.303	54.056
"2010-05-30	21:00:00"	7.083	28.2	20.38	11.74	5.11	28.96	26.46	9.35	81.5	81.4	0.11	35.54	35.14	26.304	58.064
"2010-05-30	22:00:00"	9.04	137.2	27.73	15.31	5.975	134.3	26.6	11.14	78.83	77.92	0.907	37.96	38.64	26.331	0.16749
"2010-05-30	23:00:00"	10.41	139.3	11.84	17.1	7.244	137.1	13.19	11.74	75.78	75.2	0.575	42.7	43.4	26.36	0
"2010-05-31	00:00:00"	6.752	130.5	18.58	12.33	4.129	117.5	32.38	9.35	72.32	70.95	1.371	49.57	51.95	26.374	0
"2010-05-31	01:00:00"	5.2	107.2	12.03	6.964	2.995	58.68	17.53	3.982	70.81	67.49	3.323	52.24	58.39	26.372	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-05-31	02:00:00"	3.98	158.2	27.67	7.561	1.761	71.28	101.5	3.982	71.36	68.8	2.564	48.59	54.33	26.367	0	0
"2010-05-31	03:00:00"	6.325	190.8	6.325	8.16	2.879	195.7	16.93	4.578	69.64	66.36	3.281	50.97	57.69	26.377	0	0
"2010-05-31	04:00:00"	4.603	154.4	41.26	9.95	2.754	124.8	72.76	6.368	67.6	64.71	2.89	54.78	60.66	26.385	0	0
"2010-05-31	05:00:00"	5.18	54.56	19.91	7.561	4.155	32.29	10.77	5.175	64.28	58.9	5.386	60.87	71.2	26.395	0	0
"2010-05-31	06:00:00"	5.502	48.39	13.25	6.964	4.329	24.17	11.02	5.771	63.47	57.02	6.447	63.58	76.5	26.393	0	0
"2010-05-31	07:00:00"	5.388	59.64	13.2	8.75	4.579	30.17	11.34	6.368	64.53	56.89	7.638	63.17	77.74	26.399	2.6892	0
"2010-05-31	08:00:00"	6.307	52.72	15.95	9.35	4.502	50.11	17.56	7.561	60.78	60.55	0.23	71	73.43	26.419	89.858	0
"2010-05-31	09:00:00"	6.778	99.6	22.5	11.14	5.367	97.5	24.23	9.35	69.28	69.91	-0.631	58.92	59.03	26.428	275.18	0
"2010-05-31	10:00:00"	9.46	150.1	14.72	15.31	7.542	146.9	16.17	12.33	75.33	76.29	-0.961	48.55	47.59	26.433	481.8	0
"2010-05-31	11:00:00"	13.34	172.9	12.35	22.47	10.5	170.5	14.83	17.7	80.7	82.1	-1.385	35.06	33.54	26.429	671.7	0
"2010-05-31	12:00:00"	15.68	175.3	14.56	24.26	12.24	172.1	17.72	20.09	84.7	86.5	-1.835	27.42	25.34	26.42	830.53	0
"2010-05-31	13:00:00"	15.94	165.2	16.89	27.84	12.66	161.6	18.47	23.07	86.9	89	-2.115	25.31	22.82	26.413	936.2	0
"2010-05-31	14:00:00"	15.36	164.8	17.21	28.43	12.17	162.7	18.35	21.28	88.6	90.8	-2.258	23.76	21.09	26.401	980.08	0
"2010-05-31	15:00:00"	15.37	157.1	19.93	28.43	12.16	154.8	20.6	22.47	89.8	92.1	-2.313	23.36	20.52	26.387	949.49	0
"2010-05-31	16:00:00"	15.46	150.4	22.57	26.65	12.09	147.7	23.85	21.28	90.1	92.5	-2.396	23.43	20.51	26.37	908.76	0
"2010-05-31	17:00:00"	13.91	162.1	22.12	24.26	11.03	160.6	23.85	20.09	90.5	92.4	-1.932	22.88	20.22	26.356	745.61	0
"2010-05-31	18:00:00"	13.85	165.3	22.64	24.26	10.95	163.3	25.74	20.68	91	92.7	-1.643	21.55	19.08	26.348	587.05	0
"2010-05-31	19:00:00"	14.01	162.3	15.32	23.66	10.66	159.6	17.04	20.09	90.3	91.1	-0.808	22.15	20.2	26.339	249.58	0
"2010-05-31	20:00:00"	14.56	172.5	12.01	23.66	10.97	170.3	14.18	20.09	89	89.2	-0.137	22.96	21.44	26.343	64.404	0
"2010-05-31	21:00:00"	14.61	184.3	8.84	22.47	10.63	181.5	12.61	17.7	87	86.8	0.18	24.29	23.15	26.357	20.356	0
"2010-05-31	22:00:00"	10.33	183.2	7.816	18.89	7.185	181.5	11.62	14.72	83.2	82.6	0.561	28.27	27.85	26.372	0.15676	0
"2010-05-31	23:00:00"	11	168.3	8.02	16.51	7.854	164.1	10.25	13.52	79.84	79.33	0.511	31.87	31.78	26.382	0	0
"2010-06-01	00:00:00"	13.64	169.3	8.56	20.09	10.04	166.2	10.98	15.91	77.85	77.47	0.379	35.93	35.91	26.392	0	0
"2010-06-01	01:00:00"	14.71	171	8.68	23.07	10.87	168.2	11.75	17.1	75.98	75.71	0.273	43.18	43.35	26.394	0	0
"2010-06-01	02:00:00"	12.99	176.7	8.53	20.09	9.52	174.1	11.9	14.72	73.99	73.67	0.322	49.9	50.49	26.395	0	0
"2010-06-01	03:00:00"	11.99	180.8	8.52	18.89	8.77	178.7	12.56	14.72	72.05	71.77	0.274	56.79	57.58	26.398	0	0
"2010-06-01	04:00:00"	11.73	183.2	8.96	17.7	8.47	181.3	12.63	13.52	71.31	71.06	0.249	62.11	62.99	26.394	0	0
"2010-06-01	05:00:00"	13.86	188.6	10.15	21.28	10.12	186.7	13.75	16.51	71.04	70.87	0.163	65.14	65.94	26.394	0	0
"2010-06-01	06:00:00"	9.96	174.4	8.63	17.7	7.169	171.9	11.86	12.93	69.29	68.98	0.312	69.6	70.9	26.39	0	0
"2010-06-01	07:00:00"	8.1	161.6	11.15	12.33	5.512	157.8	13.45	9.95	67.21	66.74	0.475	74.86	76.7	26.394	3.2236	0
"2010-06-01	08:00:00"	9.18	156.6	11.11	15.91	6.817	154.3	12.98	12.93	67.33	67.3	0.029	76.96	78.03	26.394	87.075	0
"2010-06-01	09:00:00"	12.72	174	11.18	18.3	9.7	170.9	14.76	14.72	70.51	71.19	-0.682	72.1	71.52	26.398	277.18	0
"2010-06-01	10:00:00"	10.4	188.6	14.5	15.31	8.24	186.8	19.01	13.52	74.04	75.19	-1.152	64.19	62.55	26.393	463.33	0
"2010-06-01	11:00:00"	9.55	200.1	18.19	15.91	7.818	199	22.98	12.93	78.46	79.96	-1.5	52.69	50.31	26.381	675.21	0
"2010-06-01	12:00:00"	8.17	194	21.8	13.52	6.744	192.5	27.46	11.74	83.1	84.8	-1.728	38.89	36.52	26.369	831.3	0
"2010-06-01	13:00:00"	8.53	209.8	28.98	16.51	7.004	208	33.07	15.31	86.2	88.1	-1.906	32.43	29.92	26.357	950.65	0
"2010-06-01	14:00:00"	9.34	201.5	28.73	17.1	7.662	201.5	33.36	14.12	87.5	89.4	-1.882	31.16	28.6	26.337	762.51	0
"2010-06-01	15:00:00"	8.62	210.4	40.12	20.09	7.184	209.5	44.45	15.91	90.1	92.1	-1.991	28.28	25.46	26.309	945.64	0
"2010-06-01	16:00:00"	7.22	184.5	41.16	17.7	6.175	185.3	46.37	15.31	91.2	92.9	-1.691	25.75	23.07	26.28	841.1	0
"2010-06-01	17:00:00"	9.53	201.7	38.89	17.7	7.709	198.7	41.92	14.72	92.2	93.8	-1.653	23.36	20.71	26.249	556.19	0
"2010-06-01	18:00:00"	11.76	182.3	24.92	33.8	9	180.3	27.64	27.24	91.5	92.2	-0.792	23.44	21.41	26.233	180.5	0.01
"2010-06-01	19:00:00"	13.14	328.2	41.81	30.82	8.45	327.8	42.28	20.68	79.98	79.04	0.943	40.17	44.83	26.289	9.6047	0.06
"2010-06-01	20:00:00"	16.29	8.67	21.41	23.66	11.28	3.547	24.33	19.49	68.28	67.39	0.896	72.55	78.64	26.33	3.7649	0.09
"2010-06-01	21:00:00"	15.29	354.9	20.43	22.47	10.39	351.4	23.7	17.1	68.32	67.11	1.212	69.58	76.91	26.327	1.4386	0.06
"2010-06-01	22:00:00"	14.18	5.378	29.83	26.05	9.38	1.087	30.6	21.28	74.19	72.18	2.009	48.36	56.18	26.297	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-06-01	23:00:00"	12.13	99.6	60.75	22.47	8.39	99.5	61.13	16.51	75.02	73.75	1.268	47.95	52.17	26.304	0	0
"2010-06-02	00:00:00"	13.59	122.3	17.03	23.66	9.58	120.2	20.02	18.3	69.9	69.26	0.638	59.87	63.24	26.314	0	0
"2010-06-02	01:00:00"	7.855	89.4	12.49	12.33	4.878	82.8	14.37	9.35	68.09	67.1	0.99	63.04	68.49	26.319	0	0
"2010-06-02	02:00:00"	6.299	116.6	47.04	9.95	2.971	108.4	64.07	7.561	68.52	66.74	1.786	61.33	69.43	26.312	0	0
"2010-06-02	03:00:00"	5.332	171.7	41.95	11.74	3.004	180	68.4	9.95	68.53	66.62	1.915	60.68	69.78	26.309	0	0
"2010-06-02	04:00:00"	7.849	169.1	13.93	13.52	4.808	168.5	18.29	11.14	66.37	65.48	0.891	67.73	72.32	26.298	0	0
"2010-06-02	05:00:00"	10.66	174.1	12.35	16.51	7.545	172.5	15.8	14.12	67.12	66.55	0.574	65.79	69.07	26.281	0	0
"2010-06-02	06:00:00"	8.72	194.4	10.77	13.52	5.724	194.9	14.59	9.95	68.08	67.18	0.902	61.77	65.63	26.281	0	0
"2010-06-02	07:00:00"	11.21	203.6	9.15	17.1	7.798	204.4	13.42	12.93	68.36	67.79	0.574	68.59	71.44	26.278	3.8981	0
"2010-06-02	08:00:00"	11.09	213.9	8.96	18.89	7.963	216.2	13.4	14.72	68.64	68.63	0.006	70.35	72.2	26.284	117.51	0
"2010-06-02	09:00:00"	12.87	211.3	10.98	18.3	9.39	211.5	15.6	14.12	70.68	71.25	-0.575	73.29	73.85	26.289	301.46	0
"2010-06-02	10:00:00"	13.1	215.1	9.63	18.3	9.84	215.3	14.78	15.31	72.7	73.91	-1.216	71.76	71.06	26.293	547.27	0
"2010-06-02	11:00:00"	11.04	242.2	16.43	19.49	9.06	243.8	19.8	15.31	76.39	77.65	-1.263	60.36	59.33	26.287	576.28	0
"2010-06-02	12:00:00"	7.565	250.9	17.66	12.93	6.232	252.4	20.03	11.74	77.01	77.96	-0.944	56.05	55.38	26.289	435.38	0
"2010-06-02	13:00:00"	6.977	246.9	47.31	16.51	5.425	245.9	50.17	14.72	82.4	83.7	-1.357	42.72	41.34	26.282	805.26	0
"2010-06-02	14:00:00"	10.2	283.9	21.46	23.66	7.243	285.8	24.86	17.1	87.9	89.9	-2.017	24.51	22.71	26.263	954.23	0
"2010-06-02	15:00:00"	13.75	289.4	18.75	25.45	9.44	290	20.69	18.89	91.2	93.7	-2.484	13.85	11.92	26.247	970.71	0
"2010-06-02	16:00:00"	14.01	280.2	25.71	23.66	10.41	281.6	26.2	20.09	92.6	95	-2.388	10.99	9.04	26.225	935.06	0
"2010-06-02	17:00:00"	13.36	274.7	18.4	22.47	9.99	274.8	20.75	19.49	92.8	94.9	-2.092	9.73	7.811	26.203	815.82	0
"2010-06-02	18:00:00"	14.4	279.9	19.84	26.65	10.24	280.4	21.71	21.28	93.3	95.1	-1.796	9.31	7.394	26.179	635.73	0
"2010-06-02	19:00:00"	13.67	321.3	29.79	23.07	9.61	319.6	29.45	20.09	93	94.5	-1.438	10.81	8.93	26.177	429.14	0
"2010-06-02	20:00:00"	18.49	52.05	33.98	34.4	13.6	50.51	35.53	25.45	84.2	84.7	-0.501	32.29	31.01	26.207	149.4	0
"2010-06-02	21:00:00"	11.13	75.01	8.19	17.7	7.991	72.48	11.08	14.72	78.85	78.58	0.274	40.31	40.54	26.224	27.085	0
"2010-06-02	22:00:00"	8.15	85.6	6.837	10.54	4.958	79.2	9.8	7.561	75.11	73.79	1.325	42.1	45.14	26.231	0.23542	0
"2010-06-02	23:00:00"	8.38	71.87	12.93	10.54	4.726	62.69	14.72	6.964	72.76	70.36	2.398	43.8	49.72	26.241	0	0
"2010-06-03	00:00:00"	9.7	81	9.8	13.52	6.291	76.77	12.6	10.54	70.45	69.23	1.228	49.28	52.92	26.261	0	0
"2010-06-03	01:00:00"	9.83	84.9	10.88	16.51	6.912	81.5	13.12	12.33	68.5	68.02	0.485	57.37	59.2	26.281	0	0
"2010-06-03	02:00:00"	8.95	113.4	13.5	13.52	6.048	109.7	16.81	10.54	67.34	66.76	0.574	66.39	68.7	26.284	0	0
"2010-06-03	03:00:00"	5.875	134.7	15.88	12.33	3.475	125	27.25	9.95	67.14	66.06	1.08	64.38	67.9	26.28	0	0
"2010-06-03	04:00:00"	6.908	132.8	11.09	8.75	3.558	123.3	18.65	5.175	65.99	64	1.994	66.26	72.39	26.273	0	0
"2010-06-03	05:00:00"	7.07	115.9	13.31	9.35	3.829	92.8	24.18	5.175	65.58	62.85	2.735	64.9	73.12	26.274	0	0
"2010-06-03	06:00:00"	4.562	124.2	15.97	8.16	1.457	78.2	31.42	3.982	65.78	63.65	2.128	64.81	70.78	26.28	0	0
"2010-06-03	07:00:00"	2.126	149	51.54	4.578	2.167	35.96	43.05	4.578	66.25	62.28	3.975	67.07	75.18	26.28	1.4725	0
"2010-06-03	08:00:00"	4.248	48.39	30.59	5.771	3.383	21.21	17.17	5.175	64.8	61.81	2.995	72.34	80.2	26.291	84.362	0
"2010-06-03	09:00:00"	5.16	4.946	13.05	7.561	3.857	1.949	17.57	7.561	68.64	69.55	-0.908	71.69	71.16	26.3	272.91	0
"2010-06-03	10:00:00"	4.066	54.69	36.97	8.75	3.033	57.99	45.7	6.964	73.1	74.09	-0.986	67.11	65.89	26.313	478.73	0
"2010-06-03	11:00:00"	5.053	88.3	29.31	9.35	4.258	89.6	33.64	9.35	77.56	78.69	-1.132	56.94	55.25	26.311	672.75	0
"2010-06-03	12:00:00"	5.79	104.5	34.78	10.54	4.872	105.5	36.83	9.35	81.9	83.4	-1.526	45.18	42.73	26.304	834.52	0
"2010-06-03	13:00:00"	7.004	78.83	43.95	12.33	5.881	79.62	45.21	10.54	85.8	87.8	-2.08	34.71	32.11	26.3	937.39	0
"2010-06-03	14:00:00"	6.917	103.8	54.64	13.52	5.808	100.5	55.29	12.33	87.9	89.9	-2.007	29.23	26.66	26.282	981.83	0
"2010-06-03	15:00:00"	7.015	94.8	75.2	17.7	5.793	98.3	77.19	15.91	90.1	92.2	-2.055	25.93	23.25	26.26	988.31	0
"2010-06-03	16:00:00"	7.994	75.16	52.01	17.1	6.437	77.37	51.89	14.12	91	92.7	-1.775	24.45	21.88	26.238	572.33	0
"2010-06-03	17:00:00"	11.73	107.5	27.34	21.28	9.03	104.7	30.9	17.1	91	92.6	-1.625	25.47	22.95	26.22	449.19	0
"2010-06-03	18:00:00"	12.19	118.3	14.84	21.28	9.39	117	17.43	17.1	90.6	92.2	-1.534	27.37	24.95	26.209	496.52	0
"2010-06-03	19:00:00"	12.71	125.5	16.67	21.87	9.64	123.6	19.1	18.89	91.1	92.4	-1.298	26.55	24.21	26.199	384.9	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-03	20:00:00"	14.72	130.2	12.95	21.87	10.89	128.5	15.05	17.7	89.6	90.2	-0.596	28.44	26.69	26.202	184.24	0	
"2010-06-03	21:00:00"	14.1	129.4	9.37	21.28	10.07	128.3	11.99	17.1	86.6	86.4	0.203	30.66	29.79	26.218	37.606	0	
"2010-06-03	22:00:00"	10.88	116.3	7.149	15.31	7.519	113.5	11.54	13.52	82.6	81.9	0.702	32.99	33	26.233	0.13244	0	
"2010-06-03	23:00:00"	10.78	115.7	8.65	17.1	7.326	112.3	12.25	12.93	79.34	78.53	0.813	36.72	37.22	26.249	0	0	
"2010-06-04	00:00:00"	12.89	144	9.39	20.09	9.33	141.5	10.97	15.31	78.22	77.72	0.501	37.6	37.87	26.258	0	0	
"2010-06-04	01:00:00"	9.9	164.9	8.34	15.31	6.755	161.7	10.73	11.14	75.04	74.41	0.637	41.82	42.81	26.261	0	0	
"2010-06-04	02:00:00"	9.22	177.4	7.869	14.12	6.066	172.8	11.25	9.95	73.42	72.55	0.863	48.91	50.38	26.259	0	0	
"2010-06-04	03:00:00"	8.16	179	9.7	11.74	4.87	176.9	14.57	8.75	71.27	70.16	1.108	57.65	59.91	26.261	0	0	
"2010-06-04	04:00:00"	7.348	157.2	8.32	9.95	4.092	152.2	10.61	6.368	69.65	68.46	1.189	62.92	65.9	26.259	0	0	
"2010-06-04	05:00:00"	7.534	153.2	9.23	10.54	4.637	149.3	11.64	8.16	68.92	67.85	1.066	65.44	68.37	26.261	0	0	
"2010-06-04	06:00:00"	7.675	150.6	9.31	10.54	4.652	148	11.96	6.964	66.62	65.45	1.173	70.41	73.92	26.261	0	0	
"2010-06-04	07:00:00"	7.045	190.3	14.21	9.95	4.08	195.6	18.9	6.964	64.26	62.93	1.326	77.1	80.9	26.258	3.2639	0	
"2010-06-04	08:00:00"	8.4	219	8.61	14.72	5.714	221.7	11.94	9.95	64.53	64.29	0.244	79.11	80.9	26.264	93.173	0	
"2010-06-04	09:00:00"	9.68	217.1	8.9	14.72	7.367	219.2	13.77	12.93	67.81	68.61	-0.798	75.07	74.58	26.272	286.1	0	
"2010-06-04	10:00:00"	9.77	223.4	14.52	14.12	7.851	224.6	18.56	12.33	74.74	75.94	-1.198	59.93	58.36	26.274	495.02	0	
"2010-06-04	11:00:00"	9.13	240.2	16.36	13.52	7.562	241.8	19.28	12.93	81.6	83.2	-1.582	42.88	40.65	26.268	686.36	0	
"2010-06-04	12:00:00"	8.42	280	20.79	15.31	6.159	281.4	23.9	13.52	90.4	92.3	-1.877	22.49	20.19	26.261	848.25	0	
"2010-06-04	13:00:00"	7.251	269.7	40.8	15.31	5.817	270.8	43.54	13.52	94.3	96.2	-1.954	14.06	11.61	26.259	961.15	0	
"2010-06-04	14:00:00"	6.146	264.1	49.84	16.51	4.988	265.1	55.21	11.74	96.7	98.5	-1.838	11.39	8.86	26.246	1005.4	0	
"2010-06-04	15:00:00"	7.223	296.2	57.42	17.7	5.849	296.9	58.66	15.31	98.1	100.3	-2.195	10.13	7.393	26.231	969.26	0	
"2010-06-04	16:00:00"	8.07	205.1	41.46	23.66	6.909	203.7	43.26	23.07	99.1	100.8	-1.718	9.46	6.768	26.217	931.68	0	
"2010-06-04	17:00:00"	5.856	345.2	85.5	17.7	4.678	346	87.8	13.52	99.6	101.3	-1.622	9.43	6.707	26.202	802.34	0	
"2010-06-04	18:00:00"	5.903	335.4	75.43	15.31	4.521	334.9	78.97	12.33	100.2	101.6	-1.452	9.29	6.519	26.19	623.3	0	
"2010-06-04	19:00:00"	7.178	260.5	35.06	13.52	5.776	258.8	36.35	11.74	100.5	101.6	-1.118	9.26	6.612	26.185	413.05	0	
"2010-06-04	20:00:00"	6.011	222	36.65	12.93	4.849	221.1	42.97	10.54	99.8	100.1	-0.264	9.36	7.053	26.187	198.01	0	
"2010-06-04	21:00:00"	6.408	215.7	18.4	9.35	3.778	211.9	22.41	6.368	97	95.1	1.856	10.76	9.8	26.199	41.821	0	
"2010-06-04	22:00:00"	7.293	188.2	11.92	10.54	3.663	182.4	18.43	8.16	90.9	87.4	3.459	13.19	13.83	26.215	0.21821	0	
"2010-06-04	23:00:00"	5.492	192.8	11.36	12.33	3.079	201.8	22.14	8.16	86.7	83.8	2.95	15.1	15.85	26.229	0	0	
"2010-06-05	00:00:00"	7.633	177.6	13.63	14.12	4.566	167.5	21.52	11.14	83.3	80.9	2.402	19.77	20.59	26.25	0	0	
"2010-06-05	01:00:00"	6.311	151.8	19.57	11.14	3.331	137.8	34.58	6.964	78.51	76.38	2.131	33.06	33.99	26.264	0	0	
"2010-06-05	02:00:00"	8.46	169.6	11.36	13.52	5.399	167.1	14.47	9.95	76.33	75.24	1.089	46.16	47.3	26.263	0	0	
"2010-06-05	03:00:00"	8.36	198.2	13.62	12.93	5.204	201	19.09	9.35	74.29	73.19	1.101	52.68	54.26	26.257	0	0	
"2010-06-05	04:00:00"	8.06	204.3	5.909	11.74	4.049	204	11.85	7.561	72.42	69.67	2.758	59.17	63.16	26.25	0	0	
"2010-06-05	05:00:00"	7.902	202.6	14.34	11.74	4.585	206.7	18.39	8.16	70.79	69.29	1.502	67.85	70.55	26.241	0	0	
"2010-06-05	06:00:00"	7.873	213.5	7.31	9.95	4.38	214.8	13.06	7.561	69.5	68.03	1.468	72.88	75.91	26.245	0	0	
"2010-06-05	07:00:00"	8.12	220.4	8.28	11.74	4.633	224.3	12.39	6.964	68.43	67.14	1.287	75.97	79.11	26.249	2.889	0	
"2010-06-05	08:00:00"	8.21	229	8.15	11.14	5.779	230.6	10.99	8.75	67.99	67.74	0.254	77.28	78.77	26.257	93.896	0	
"2010-06-05	09:00:00"	9.44	224.5	8.52	14.12	7.336	225	12.53	11.74	71.69	72.4	-0.709	70.06	69.4	26.264	285.77	0	
"2010-06-05	10:00:00"	7.125	256.4	20.22	10.54	5.92	257.7	22.38	9.95	78.66	79.74	-1.073	56.2	54.41	26.273	493.57	0	
"2010-06-05	11:00:00"	9.16	278.4	11.5	14.12	6.875	278.4	15.05	12.33	89	90.6	-1.634	29.99	27.71	26.268	690.91	0	
"2010-06-05	12:00:00"	9.28	288.5	15.63	17.7	6.66	287.2	18.55	14.72	95.6	97.6	-1.997	20.66	17.78	26.259	849.75	0	
"2010-06-05	13:00:00"	8.39	289	29.71	15.31	6.036	289.4	30.97	12.33	99.2	101.3	-2.154	17.4	14.21	26.257	951.45	0	
"2010-06-05	14:00:00"	9.8	306.8	33.3	20.68	6.965	305.1	36.35	15.91	102.3	104.7	-2.422	12.42	9.11	26.245	996.84	0	
"2010-06-05	15:00:00"	10.2	282.8	32.69	19.49	7.832	282.2	33.24	15.31	103.5	105.9	-2.431	11.56	8.16	26.235	966.84	0	
"2010-06-05	16:00:00"	8.94	291.6	43.4	26.05	6.805	292.3	43.58	19.49	104.6	107	-2.345	11.15	7.711	26.223	924.3	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-05	17:00:00"	9.19	278.5	41.48	20.09	7.037	278.5	42	14.72	104.8	106.9	-2.143	10.79	7.372	26.213	803.52	0	
"2010-06-05	18:00:00"	8.82	263.3	37.75	21.28	6.726	263.1	40.87	18.3	105.1	106.7	-1.59	10.34	7.047	26.206	624.56	0	
"2010-06-05	19:00:00"	7.779	252.8	52.11	15.91	5.831	254	53.64	13.52	105.4	106.5	-1.183	10.41	7.205	26.198	415.51	0	
"2010-06-05	20:00:00"	6.231	264.4	25.47	11.74	4.641	264.8	30.74	9.95	104.9	105.3	-0.387	10.52	7.608	26.198	190.65	0	
"2010-06-05	21:00:00"	4.524	265.6	43.06	11.14	2.682	263.7	46.42	6.964	103.2	100.9	2.291	11.45	10.22	26.206	43.902	0	
"2010-06-05	22:00:00"	8	20.06	13.43	11.74	4.153	13.82	16.16	8.16	95.3	89.5	5.871	17.99	20.28	26.227	0.3623	0	
"2010-06-05	23:00:00"	9.21	41.48	5.613	11.74	4.895	39.48	11.44	6.964	88.9	85.7	3.246	23.75	24.77	26.249	0	0	
"2010-06-06	00:00:00"	9.51	58.74	25.39	16.51	5.629	57.81	27.98	11.74	84.6	82.7	1.895	30.18	30.84	26.263	0	0	
"2010-06-06	01:00:00"	7.77	88	16.14	16.51	4.451	74.1	25.88	12.33	84.7	81.3	3.459	30.27	32.85	26.274	0	0	
"2010-06-06	02:00:00"	3.767	90.5	23.47	6.368	3.277	36.23	15.7	5.175	86.6	79.79	6.765	29.09	34.68	26.28	0	0	
"2010-06-06	03:00:00"	4.61	131.9	30.51	8.75	2.779	90.1	51.03	5.175	83.4	79.04	4.402	40.99	42.29	26.291	0	0	
"2010-06-06	04:00:00"	3.223	74.75	17.18	5.175	3.793	30.37	9.58	4.578	80.5	74.27	6.195	50.98	52.87	26.294	0	0	
"2010-06-06	05:00:00"	6.828	25.71	14.63	9.35	3.696	20.49	10.1	5.771	74.4	70.4	4.003	53.22	58.92	26.294	0	0	
"2010-06-06	06:00:00"	9.12	17.65	8.14	12.93	5.64	14.95	15.5	10.54	71.48	70.43	1.043	60.3	62.45	26.305	0	0	
"2010-06-06	07:00:00"	12.52	11.56	10.6	21.87	8.94	7.959	16.59	16.51	70.78	70.34	0.438	68.01	69.38	26.325	2.9124	0	
"2010-06-06	08:00:00"	16.97	36.01	8.95	23.66	12.21	35.64	12.95	20.68	72.12	72.18	-0.064	68.91	69.25	26.345	92.629	0	
"2010-06-06	09:00:00"	16.07	47.77	11.4	24.86	12.06	46.66	13.73	20.68	75.2	75.98	-0.784	65.4	64.05	26.367	279.57	0	
"2010-06-06	10:00:00"	14.6	44.02	11.89	26.05	11	43.08	14.96	21.28	79.02	80.5	-1.516	59.35	56.43	26.386	482.49	0	
"2010-06-06	11:00:00"	17.82	60.26	13.76	26.65	13.46	59.64	16.02	21.28	82.5	84.5	-1.986	52.42	48.65	26.381	674.88	0	
"2010-06-06	12:00:00"	11.67	81.9	19.56	19.49	9.18	81.2	21.77	18.89	85.1	87.4	-2.378	47.07	42.72	26.399	825.84	0	
"2010-06-06	13:00:00"	13.52	69.16	18.21	23.07	10.64	67.35	20.81	20.68	88.8	91.6	-2.834	49.64	44.03	26.409	908.88	0	
"2010-06-06	14:00:00"	13.24	76.01	20.02	22.47	10.42	73.79	21.7	17.7	90.9	93.9	-2.961	48.75	42.79	26.405	946.07	0	
"2010-06-06	15:00:00"	14.14	101.4	16.95	25.45	10.99	99.4	20.19	21.28	92.7	95.6	-2.94	44.1	38.61	26.392	925.09	0	
"2010-06-06	16:00:00"	15.31	116.4	19.17	24.86	11.81	115.2	22.02	19.49	96.5	99.2	-2.656	31.27	27.19	26.371	868.88	0	
"2010-06-06	17:00:00"	13.88	115.8	21.1	24.26	10.81	114	22.93	21.87	97.5	99.7	-2.214	28.96	25.2	26.356	701.28	0	
"2010-06-06	18:00:00"	13.1	108	18.34	23.07	10.06	105.5	20.98	18.89	98.5	100.5	-2.004	28.38	24.73	26.337	588.54	0	
"2010-06-06	19:00:00"	15.86	105.8	12.99	24.26	11.92	103.9	15.67	20.68	98.2	99.6	-1.365	30.27	27.02	26.327	360.31	0	
"2010-06-06	20:00:00"	16.81	111.6	11.92	26.05	12.41	110.3	15.21	19.49	96.3	96.9	-0.566	32.8	30.29	26.33	153.91	0	
"2010-06-06	21:00:00"	17.56	102.2	8.2	26.05	13	100	10.85	20.09	92.9	92.9	0.004	37.45	35.69	26.354	29.917	0	
"2010-06-06	22:00:00"	15.39	100.2	7.626	24.86	11.33	97.5	10.67	20.68	89.5	89.3	0.222	40.84	39.47	26.377	0.10303	0	
"2010-06-06	23:00:00"	14.91	103.8	7.599	21.87	11.06	101.4	10.78	18.3	86.8	86.5	0.272	41.78	40.76	26.398	0	0	
"2010-06-07	00:00:00"	15.66	110.8	8.24	23.66	11.45	108	11.71	19.49	84.7	84.5	0.237	46.16	45.36	26.416	0	0	
"2010-06-07	01:00:00"	15.46	117.9	9.24	23.07	11.16	116.7	13.07	17.7	82.8	82.6	0.204	52.97	52.41	26.433	0	0	
"2010-06-07	02:00:00"	11.62	139.3	13.35	20.68	8.53	137.6	14.44	15.31	81.1	81	0.16	57.79	57.4	26.447	0	0	
"2010-06-07	03:00:00"	8.49	171	35.08	12.93	6.257	168.1	38.09	9.95	80.4	80.4	-0.01	58.81	58.28	26.46	0	0	
"2010-06-07	04:00:00"	13.14	294	33.92	37.38	9	295.9	35.25	33.8	74.8	74.55	0.246	60.36	62.11	26.472	0	0.01	
"2010-06-07	05:00:00"	11.42	7.293	17.89	18.3	7.735	3.317	20.17	13.52	70.8	69.7	1.092	69.98	76.02	26.453	0.0023	0.01	
"2010-06-07	06:00:00"	8.22	33.38	22.29	14.12	5.298	34.56	25.6	11.14	70.68	69.97	0.708	71.43	75.49	26.449	0	0	
"2010-06-07	07:00:00"	13.86	29.61	33.08	28.43	9.87	27.17	36.15	21.28	72.61	72.03	0.582	62.87	65.77	26.411	1.5165	0	
"2010-06-07	08:00:00"	6.662	120.8	82.8	15.91	4.665	124	80.7	12.93	73.8	73.17	0.634	58.39	61.56	26.431	52.656	0	
"2010-06-07	09:00:00"	8.06	187.4	15.24	13.52	5.963	186.3	19.04	10.54	74.4	74.5	-0.106	57.12	58.58	26.444	173.8	0	
"2010-06-07	10:00:00"	10.04	186.5	14.83	14.12	7.715	184.1	18.51	11.74	76.2	76.98	-0.782	54.96	54.55	26.446	366.83	0	
"2010-06-07	11:00:00"	10.39	195	15.45	15.31	8.08	194.3	20.26	12.93	81.7	83	-1.276	42.47	40.71	26.442	530.9	0	
"2010-06-07	12:00:00"	13.15	201.1	15.71	21.28	10.12	201.8	20.71	18.3	83.7	85.6	-1.975	51	47.39	26.438	748.63	0	
"2010-06-07	13:00:00"	13.89	183.7	18.87	23.66	10.91	182	22.14	21.87	86.4	88.7	-2.253	48.17	43.93	26.425	871.86	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-07	14:00:00"	13.01	155.7	26.12	21.87	10.22	154.8	28.3	19.49	89.4	91.9	-2.514	38.71	34.97	26.403	944.14	0
"2010-06-07	15:00:00"	12.86	146.3	19.95	24.86	10.08	145.6	22.4	22.47	91	93.2	-2.222	40.49	36.54	26.378	745.66	0
"2010-06-07	16:00:00"	12.09	166.2	23.81	22.47	9.54	164.8	26.67	20.09	92.2	94.3	-2.023	38.86	35.33	26.354	703.17	0
"2010-06-07	17:00:00"	13.75	142	37.08	24.86	10.01	141	39.31	18.89	88.5	88.8	-0.321	47.37	48.44	26.333	227.45	0.21
"2010-06-07	18:00:00"	10.96	148.5	26.76	25.45	7.158	140.1	36.21	17.7	85.6	82.7	2.847	48	58.35	26.31	54.099	0.03
"2010-06-07	19:00:00"	19.88	320.6	50.94	42.75	12.52	317.7	50.66	29.63	76.94	76.34	0.603	66.16	69.85	26.332	24.042	0
"2010-06-07	20:00:00"	12.9	336.7	29.38	28.43	8.98	337.6	29.56	20.09	76.08	75.73	0.347	60.5	62.61	26.347	24.747	0
"2010-06-07	21:00:00"	13.93	331.7	70.2	40.36	10.45	330.7	71.21	33.21	74.36	73.85	0.504	64.39	67.24	26.362	9.112	0
"2010-06-07	22:00:00"	16.45	178.7	55.7	36.78	11.96	180.5	64.31	29.03	70.29	69.71	0.573	74.57	78.29	26.399	0.54967	0.21
"2010-06-07	23:00:00"	4.962	9.17	61.92	15.31	1.945	17.36	71.13	11.14	70.59	68.67	1.913	75.09	85.4	26.372	0	0
"2010-06-08	00:00:00"	3.34	81.8	72.49	7.561	1.224	28.98	68.45	4.578	72.45	69.67	2.781	69.55	84.3	26.38	0	0
"2010-06-08	01:00:00"	7.24	153.2	14.68	11.74	4.164	146.8	32.7	7.561	73.27	71.9	1.371	72.18	78.47	26.388	0	0
"2010-06-08	02:00:00"	9.32	167.5	8.27	14.12	6.149	164	10.72	10.54	73.26	72.46	0.804	71.66	75.57	26.394	0	0
"2010-06-08	03:00:00"	8.99	186.8	10.4	14.72	5.926	186.2	14.37	11.14	72.53	71.76	0.761	70.78	74.26	26.383	0	0
"2010-06-08	04:00:00"	8.28	190.4	9.23	11.14	5.29	190	13.05	8.16	71.71	70.98	0.736	76.92	80.2	26.366	0	0
"2010-06-08	05:00:00"	6.837	167.7	17.07	11.74	4.226	163	21	7.561	71.36	70.57	0.785	78.06	81.4	26.344	0	0
"2010-06-08	06:00:00"	5.999	153.3	12.89	8.16	3.062	149.3	17.49	5.175	70.57	69.53	1.04	79.99	84.3	26.333	0	0
"2010-06-08	07:00:00"	4.995	172.9	23.35	8.75	2.612	166.2	50.69	6.368	70.07	68.97	1.092	81.2	85.3	26.321	3.6439	0
"2010-06-08	08:00:00"	3.527	123.9	24.9	5.771	1.116	94.1	32.92	3.386	69.69	68.66	1.032	82.8	87.5	26.321	81.019	0
"2010-06-08	09:00:00"	6.891	118.7	20.01	11.74	5.299	116.6	23.33	9.95	72.37	72.97	-0.604	78.34	78.75	26.329	311.66	0
"2010-06-08	10:00:00"	9.75	169.8	13.41	15.91	7.798	167	15.24	12.93	75.28	75.99	-0.71	69.59	70.08	26.344	488.89	0
"2010-06-08	11:00:00"	9.93	174	15.75	16.51	7.961	171.7	19.76	12.33	79.27	80.1	-0.85	56.81	57.16	26.35	676.49	0
"2010-06-08	12:00:00"	9.16	172.5	18.18	15.91	7.403	170.3	22.29	13.52	83.1	84.2	-1.039	45.86	45.39	26.351	833.57	0
"2010-06-08	13:00:00"	8.06	183.6	21.09	15.31	6.507	181.4	24.74	12.93	85.8	87	-1.234	38.35	37.2	26.348	936.65	0
"2010-06-08	14:00:00"	8.69	190.2	35.9	15.91	7.107	189.8	40.55	14.72	87.8	89.4	-1.647	35.63	33.83	26.327	987.28	0
"2010-06-08	15:00:00"	8.69	198.3	23.46	17.1	7.15	197.8	28.62	14.72	89.3	91.1	-1.786	35.03	32.8	26.307	945.58	0
"2010-06-08	16:00:00"	7.848	198.6	33.32	15.91	6.458	196.5	38.77	13.52	90.7	92.2	-1.583	32.27	30.08	26.294	899.76	0
"2010-06-08	17:00:00"	9.05	199.1	25.17	17.7	7.228	198.9	31.13	14.72	92.3	94	-1.669	30.88	28.5	26.279	784.64	0
"2010-06-08	18:00:00"	11.31	179.2	26.36	21.28	8.88	177.5	29.91	17.1	93.3	94.7	-1.466	30.94	28.52	26.263	580.22	0
"2010-06-08	19:00:00"	14.02	158.8	13.74	23.07	10.81	156.4	15.73	18.3	92.6	93.4	-0.815	31.95	29.99	26.257	278.12	0
"2010-06-08	20:00:00"	12.5	148.5	11.72	18.89	9.39	145.8	12.95	15.91	91.7	91.9	-0.256	32.43	31.04	26.271	121.39	0
"2010-06-08	21:00:00"	10.62	135.5	9.05	16.51	7.496	134.3	11.22	13.52	89.7	89.4	0.296	34.83	34.16	26.294	39.956	0
"2010-06-08	22:00:00"	10.17	134.7	7.847	15.31	6.992	132.8	10.45	11.74	85.7	85	0.651	39.04	39.19	26.315	0.31734	0
"2010-06-08	23:00:00"	11.53	145.5	7.626	15.31	8.19	142.7	9.49	12.33	83.1	82.6	0.508	41.65	41.88	26.333	0	0
"2010-06-09	00:00:00"	8.62	155.5	8.16	13.52	5.723	152.1	10.53	11.14	80.6	79.85	0.714	45.62	46.78	26.351	0	0
"2010-06-09	01:00:00"	5.544	147.1	29.42	9.95	2.181	133.5	61.26	5.771	78.01	76.18	1.832	50.8	55.37	26.369	0	0
"2010-06-09	02:00:00"	6.461	183	11.95	11.14	3.706	181.3	17.67	8.16	76.15	75.02	1.131	55.81	59.01	26.36	0	0
"2010-06-09	03:00:00"	8.66	186.9	10.8	16.51	5.592	186.7	15.85	12.33	74.56	73.62	0.94	60.17	63	26.354	0	0
"2010-06-09	04:00:00"	9.81	193.6	12.95	15.91	6.82	194.4	17.29	12.33	73	72.62	0.386	65.38	66.89	26.337	0	0
"2010-06-09	05:00:00"	8.67	196.8	11.49	15.31	5.785	196.5	15.7	11.14	71.88	71.33	0.552	69.73	71.81	26.327	0	0
"2010-06-09	06:00:00"	9.17	188.1	14.29	15.31	6.329	188.2	18.7	11.14	70.69	70.26	0.433	72.91	74.8	26.322	0	0
"2010-06-09	07:00:00"	7.864	178.9	13.17	11.14	5.118	176.2	15.58	7.561	69.02	68.46	0.56	77.36	79.81	26.339	3.3536	0
"2010-06-09	08:00:00"	6.148	145.5	18.74	8.75	4.305	142.2	19.34	6.964	69.19	69.11	0.073	79.28	80.7	26.358	74.038	0
"2010-06-09	09:00:00"	5.35	61.36	26.43	8.16	4.342	60.2	29.31	7.561	71.53	72.32	-0.794	74.92	74.32	26.391	268.15	0
"2010-06-09	10:00:00"	5.259	122.8	25.02	10.54	4.213	121.2	28.34	9.35	74.88	75.67	-0.79	68.75	67.83	26.402	474.44	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-09	11:00:00"	7.745	128.4	19.15	13.52	6.202	125.7	22.6	11.14	79.24	80.6	-1.315	61.35	59.2	26.402	660.36	0	
"2010-06-09	12:00:00"	10.54	125.9	18.22	18.89	8.3	123.5	21.72	15.31	83.6	85.5	-1.904	54.33	50.97	26.401	812.74	0	
"2010-06-09	13:00:00"	13.11	137.9	18.57	22.47	10.29	136.9	20.7	19.49	87.9	90	-2.107	41.27	37.97	26.393	917.83	0	
"2010-06-09	14:00:00"	12.12	141.9	19.98	20.09	9.65	141.9	21.87	18.3	90.4	92.4	-2.027	35.66	32.71	26.376	961.49	0	
"2010-06-09	15:00:00"	13.23	152.5	20.21	24.26	10.39	150.5	22.35	20.09	92.7	94.9	-2.172	32.23	29.1	26.353	933.04	0	
"2010-06-09	16:00:00"	11.93	123.6	21.15	22.47	9.45	121	24.85	18.89	94	96.1	-2.109	29.81	26.68	26.333	892.85	0	
"2010-06-09	17:00:00"	12.28	131.2	23.01	22.47	9.71	129.4	25.39	18.89	95.2	97.1	-1.889	28.15	25.1	26.31	771.61	0	
"2010-06-09	18:00:00"	11.56	151	23.55	21.87	9.1	148.9	26.61	18.3	95.3	96.9	-1.607	26.23	23.42	26.294	595.03	0	
"2010-06-09	19:00:00"	11.69	159	17.76	20.09	9.14	157.1	19.83	17.1	95.7	96.8	-1.091	24.44	21.96	26.281	390.12	0	
"2010-06-09	20:00:00"	13.18	146.3	11.4	19.49	9.96	144.3	12.9	18.3	95.2	95.7	-0.522	24.99	22.9	26.281	171.43	0	
"2010-06-09	21:00:00"	11.46	137	7.967	18.3	8.28	135.2	10.32	15.31	92.5	92.2	0.297	28.76	27.48	26.289	25.06	0	
"2010-06-09	22:00:00"	9.45	138.8	7.684	13.52	6.496	136.8	9.9	9.95	88.6	88	0.659	33.33	32.85	26.312	0.16317	0	
"2010-06-09	23:00:00"	7.625	148.1	7.079	11.14	4.551	143.5	9.67	7.561	85.2	84.1	1.115	37	37.74	26.337	0	0	
"2010-06-10	00:00:00"	7.775	148.9	7.636	9.95	4.242	142.1	10.88	6.964	83.6	82.1	1.513	38.05	39.68	26.34	0	0	
"2010-06-10	01:00:00"	8.2	157.2	7.655	12.93	5.149	152.7	10.08	9.95	81.2	80.3	0.888	44.7	45.6	26.333	0	0	
"2010-06-10	02:00:00"	9.03	168.3	22.3	13.52	6.122	166.3	25.15	9.95	79.27	78.72	0.547	54.29	54.82	26.318	0	0	
"2010-06-10	03:00:00"	6.52	190.3	14.87	8.75	3.807	189.9	19.9	6.368	75.94	75.14	0.8	66.71	68.14	26.306	0	0	
"2010-06-10	04:00:00"	7.083	173.2	8.47	11.14	4.223	170.6	11.88	8.16	74.63	73.95	0.683	75.37	76.83	26.298	0	0	
"2010-06-10	05:00:00"	8.26	175.1	9.87	12.93	5.76	173.2	13.06	9.95	73.42	73.13	0.29	82.1	83	26.29	0	0	
"2010-06-10	06:00:00"	7.877	171.6	11.39	12.93	5.43	170.4	14.4	10.54	72.06	71.77	0.296	87.4	88.4	26.281	0	0	
"2010-06-10	07:00:00"	7.411	162	19.11	15.31	5.316	158.9	23.09	12.33	71.41	71.24	0.163	89.3	90.2	26.278	4.3291	0	
"2010-06-10	08:00:00"	8.89	184.6	15.45	18.89	6.338	183.1	17.97	14.12	71.54	71.67	-0.127	89.5	89.9	26.287	102.54	0	
"2010-06-10	09:00:00"	13.25	180.7	10.62	18.89	10.04	178.1	14.2	15.91	74.83	75.58	-0.749	82	80.8	26.291	302.9	0	
"2010-06-10	10:00:00"	13.14	179.7	12.25	18.89	10.06	177.8	15.96	15.31	77.88	79.08	-1.201	72.05	69.81	26.291	472.31	0	
"2010-06-10	11:00:00"	12.79	177	13.57	21.28	10.05	173.4	16.65	18.3	82.7	84.2	-1.473	56.4	53.58	26.281	664.65	0	
"2010-06-10	12:00:00"	11.6	200.5	20.86	18.89	9.1	200.4	25.43	15.91	87.3	89.2	-1.866	41.92	38.83	26.264	832.18	0	
"2010-06-10	13:00:00"	13.13	194.7	17.13	23.07	10.21	192.7	21.66	18.89	90.5	92.8	-2.296	36.14	32.85	26.256	889.4	0	
"2010-06-10	14:00:00"	14.43	184.5	16.09	23.07	11.14	182.9	20.02	18.3	92.7	95	-2.298	32.95	29.58	26.244	935.03	0	
"2010-06-10	15:00:00"	14.4	187.5	20.14	25.45	11.18	186.3	23.51	19.49	94.9	97.2	-2.345	29.42	25.93	26.22	894.35	0	
"2010-06-10	16:00:00"	14.73	192	20.73	27.24	11.39	190.6	24.17	22.47	98	100.1	-2.158	23.68	20.27	26.196	860.03	0	
"2010-06-10	17:00:00"	15.71	182.5	19.95	27.24	11.75	180.1	23.76	22.47	97.8	99.2	-1.387	22.91	19.95	26.175	442.25	0	
"2010-06-10	18:00:00"	13.61	191.1	16.85	24.86	10.17	189.2	20.6	19.49	98	98.9	-0.842	19.33	16.81	26.152	320.03	0	
"2010-06-10	19:00:00"	19.31	172.3	25.24	33.8	14.21	169.5	26.58	26.65	96.1	96.5	-0.433	20.81	18.58	26.142	208.44	0	
"2010-06-10	20:00:00"	19.3	144.2	9.81	30.22	14.3	142.3	11.36	23.07	90.7	91	-0.207	25.46	23.82	26.142	98.88	0	
"2010-06-10	21:00:00"	12.31	141.1	9.16	18.3	8.97	139.8	11.11	15.31	88.7	88.6	0.107	27.07	25.87	26.157	33.627	0	
"2010-06-10	22:00:00"	11.06	146.1	10.85	17.1	8	143.6	12.56	14.72	85.8	85.6	0.22	29.17	28.41	26.183	0.37548	0	
"2010-06-10	23:00:00"	12.8	157.4	18.63	24.26	9.21	154.3	19.02	19.49	83.3	82.9	0.399	32.26	31.85	26.212	0	0	
"2010-06-11	00:00:00"	12.52	182.9	11	20.68	9.03	181.1	14.75	16.51	78.32	77.99	0.335	40.47	40.59	26.234	0	0	
"2010-06-11	01:00:00"	10.52	188.3	8.55	15.91	7.211	187.7	12.51	11.74	76.2	75.61	0.587	42.94	43.79	26.232	0	0	
"2010-06-11	02:00:00"	10.48	190.5	8.52	18.89	7.071	190.1	12.7	14.12	75.49	74.72	0.764	42.82	44.07	26.224	0	0	
"2010-06-11	03:00:00"	13.21	182.8	8.95	20.09	9.53	180.9	12.66	15.31	75.01	74.57	0.44	44.71	45.45	26.22	0	0	
"2010-06-11	04:00:00"	13.57	180.4	8.93	23.66	9.81	178.4	12.44	18.3	74.26	73.85	0.41	50.92	51.76	26.22	0	0	
"2010-06-11	05:00:00"	14.51	174.7	8.9	22.47	10.65	172.7	12	18.89	73.66	73.35	0.314	57.65	58.46	26.219	0	0	
"2010-06-11	06:00:00"	13.81	183.2	8.91	21.28	10	181.4	13.27	17.1	72.11	71.82	0.297	66.29	67.31	26.221	0	0	
"2010-06-11	07:00:00"	10.23	196.2	8.53	15.31	7.092	195.4	12.91	11.14	69.99	69.57	0.425	74.57	76.13	26.229	2.5889	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-11	08:00:00"	10.64	199.1	8.53	15.91	7.783	198.1	13.09	13.52	69.59	69.59		0	79.18	79.98	26.235	91.601	0
"2010-06-11	09:00:00"	13.94	199.9	9.16	20.09	10.2	199.9	14.07	17.1	72.4	73.09	-0.696	74.84	74.02	26.244	281.35		0
"2010-06-11	10:00:00"	13.02	203.2	11.89	18.3	9.82	202.5	16.38	15.91	76.41	77.68	-1.271	64.68	62.6	26.255	489.02		0
"2010-06-11	11:00:00"	12.25	227	15.95	19.49	9.84	227.7	19.7	16.51	80.6	82.3	-1.641	50.28	47.6	26.255	681.64		0
"2010-06-11	12:00:00"	9.98	253.4	19.27	17.7	8.22	253	22.35	16.51	86.6	88.4	-1.792	32.94	30.57	26.244	842.83		0
"2010-06-11	13:00:00"	9.98	272.1	20.44	17.7	7.694	273.2	22.26	15.91	92.1	94.3	-2.194	19.76	17.18	26.234	949.37		0
"2010-06-11	14:00:00"	11.97	258.6	23.47	24.86	9.4	258.9	24.1	21.28	94.6	97	-2.317	16.31	13.53	26.227	990.56		0
"2010-06-11	15:00:00"	13.42	233.3	18.64	22.47	10.88	234.4	22.22	20.09	95.6	98	-2.399	14.11	11.3	26.224	964.18		0
"2010-06-11	16:00:00"	13.64	243	22.3	24.26	10.97	245.1	24.77	21.28	96.5	98.9	-2.352	14.06	11.16	26.212	917.09		0
"2010-06-11	17:00:00"	11.78	222.4	27.89	24.86	9.33	224.7	33.07	20.68	97.1	99	-1.91	12.76	10.02	26.2	783.65		0
"2010-06-11	18:00:00"	11.81	233.5	25.14	21.87	9.55	234.8	27.69	19.49	97.7	99.4	-1.622	11.46	8.84	26.192	617.96		0
"2010-06-11	19:00:00"	11.9	196.1	17.96	22.47	9.13	193.4	21.32	17.7	97.6	98.7	-1.149	13.07	10.56	26.185	401.64		0
"2010-06-11	20:00:00"	12.47	187.1	13.97	21.28	9.32	184.7	17.94	17.1	97.3	97.8	-0.454	13.14	10.9	26.182	189.93		0
"2010-06-11	21:00:00"	14.07	168.5	8.53	33.21	10.34	165.1	11.08	25.45	93.6	93.4	0.243	22.3	20.55	26.192	42.005		0
"2010-06-11	22:00:00"	20.26	161.3	9.19	32.61	15.3	157.8	11.03	25.45	86.3	86.2	0.02	43.41	42.14	26.221	0.40177		0
"2010-06-11	23:00:00"	14.45	164.8	9.84	25.45	10.83	162	12.05	19.49	81.7	81.6	0.072	53.75	53.14	26.251	0		0
"2010-06-12	00:00:00"	14.62	148.2	8.54	21.28	10.85	146.1	10.66	17.7	79.44	79.31	0.13	60.46	60.21	26.267	0		0
"2010-06-12	01:00:00"	17.86	159.6	8.36	30.82	13.5	156.7	10.47	25.45	78.09	78.04	0.051	68.47	68.29	26.269	0		0
"2010-06-12	02:00:00"	18.4	164.2	7.907	27.84	13.77	161.3	10.39	23.07	76.84	76.78	0.058	73.76	73.77	26.263	0		0
"2010-06-12	03:00:00"	17.3	166.1	8.5	26.65	12.93	163.5	11.42	20.68	76.28	76.18	0.1	74.84	75.06	26.262	0		0
"2010-06-12	04:00:00"	14.68	165	9.28	23.66	10.91	162.6	11.76	19.49	75.18	75.03	0.151	75.99	76.48	26.253	0		0
"2010-06-12	05:00:00"	11.43	162.7	9.3	18.3	8.5	160.1	11.97	14.72	73.73	73.53	0.195	77.6	78.35	26.257	0		0
"2010-06-12	06:00:00"	12.94	164.6	10.82	18.89	9.63	161.2	13.28	15.91	72.53	72.31	0.221	77.82	78.84	26.283	0		0
"2010-06-12	07:00:00"	14.2	150.4	8.69	24.26	10.56	147.7	10.57	17.1	71.49	71.3	0.188	74.71	75.77	26.289	2.9002		0
"2010-06-12	08:00:00"	15.77	156.1	8.58	27.24	11.88	152.9	10.49	20.68	71.9	71.94	-0.035	72.22	72.79	26.303	87.856		0
"2010-06-12	09:00:00"	21.36	169.3	8.98	31.42	16.1	166	12.07	26.05	74.16	74.69	-0.531	68.24	67.56	26.305	270.25		0
"2010-06-12	10:00:00"	18.52	180.9	9.4	27.24	13.82	178.1	13.23	21.87	76.47	77.6	-1.129	64.71	62.73	26.32	471.09		0
"2010-06-12	11:00:00"	15.59	178.6	15.22	23.66	11.94	176.5	18.31	20.09	79.43	81.1	-1.639	58.9	55.92	26.323	662.42		0
"2010-06-12	12:00:00"	13.45	184.5	16.71	21.28	10.62	182.3	20.9	17.7	82.8	84.8	-1.981	49.09	45.57	26.323	818.58		0
"2010-06-12	13:00:00"	12.89	168.6	18.56	20.09	10.35	165.1	20.7	17.1	85.4	87.5	-2.097	44.59	40.78	26.322	922.03		0
"2010-06-12	14:00:00"	12.5	170.6	21.86	23.07	10.01	169.5	24.22	19.49	87.8	89.9	-2.183	41.12	37.48	26.315	965.16		0
"2010-06-12	15:00:00"	13.3	169.6	27.74	24.86	10.49	168.1	29.79	21.87	90.2	92.6	-2.44	37.47	33.84	26.294	930.63		0
"2010-06-12	16:00:00"	13.52	164	22.25	26.05	10.71	161.5	24.29	22.47	92.2	94.5	-2.309	35.35	31.74	26.276	826.91		0
"2010-06-12	17:00:00"	15.84	164.9	18.12	27.84	12.16	162.5	20.69	22.47	93.9	96.1	-2.213	33.36	29.78	26.252	763.99		0
"2010-06-12	18:00:00"	20.37	150.1	11.8	30.82	15.53	147.5	13.29	25.45	92.3	93.5	-1.228	38.74	35.87	26.238	368.27		0
"2010-06-12	19:00:00"	22.18	146.1	11.34	32.01	16.67	144.5	12.9	27.24	91.4	92.8	-1.459	41.07	37.74	26.225	436.33		0
"2010-06-12	20:00:00"	24.63	146.7	9.51	37.38	18.26	144.9	11.55	32.01	90.3	90.9	-0.569	42.83	40.32	26.225	144.67		0
"2010-06-12	21:00:00"	22.28	152.7	8.77	32.61	16.84	150.3	10.83	25.45	88.1	88.2	-0.149	45.54	43.81	26.254	36.381		0
"2010-06-12	22:00:00"	19.09	157.3	8.69	31.42	14.29	154.1	10.54	24.86	84.6	84.6	0.005	51.58	50.51	26.274	0.57886		0
"2010-06-12	23:00:00"	20.75	154.4	9.03	33.21	15.63	151.7	10.88	25.45	81.8	81.8	0.025	57.11	56.42	26.292	0		0
"2010-06-13	00:00:00"	21.95	156.4	8.83	38.57	16.39	153.4	10.6	31.42	79.6	79.57	0.031	62.44	62.04	26.3	0		0
"2010-06-13	01:00:00"	22.54	159.5	8.79	33.8	17.06	156.6	10.66	26.65	78.34	78.3	0.045	65.13	64.92	26.3	0		0
"2010-06-13	02:00:00"	24.04	162.6	8.11	38.57	17.97	159.3	10.62	29.03	77.91	77.82	0.085	65.98	65.9	26.291	0		0
"2010-06-13	03:00:00"	20.06	179.8	13.3	32.01	14.74	177.6	16.68	26.65	77.4	77.4	-0.004	69.8	69.65	26.314	0		0
"2010-06-13	04:00:00"	21.19	165.5	8.49	33.8	15.79	162.1	10.87	25.45	76.17	76.13	0.039	74.15	74.23	26.305	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-13	05:00:00"	18.83	175	9.48	27.24	13.9	172	12.79	21.87	74.94	74.86	0.082	77.59	77.94	26.305	0
"2010-06-13	06:00:00"	15.18	181.6	8.75	23.66	10.96	179.4	12.39	18.3	73.91	73.71	0.197	79.38	80.1	26.316	0
"2010-06-13	07:00:00"	12.24	187.7	8.27	17.1	8.64	186.2	12.16	13.52	72.69	72.44	0.254	82.6	83.5	26.339	2.9675
"2010-06-13	08:00:00"	13.04	195.6	8.9	20.09	9.47	194.6	13	15.31	73.16	73.21	-0.047	83.6	83.9	26.361	88.016
"2010-06-13	09:00:00"	15.71	196.5	9.61	22.47	11.53	194.3	13.86	18.3	75.53	76.13	-0.607	78.44	77.39	26.373	258.56
"2010-06-13	10:00:00"	13.39	212.3	24.49	21.28	10.2	210.8	27.74	16.51	78.85	80	-1.169	60.38	58.43	26.383	476.26
"2010-06-13	11:00:00"	11.84	267.4	16.97	20.68	9.11	268.8	19.2	14.72	82	83.8	-1.734	33.79	31.9	26.377	676.44
"2010-06-13	12:00:00"	10.91	295.7	23.98	23.07	7.579	295.8	24.95	15.91	84.6	86.8	-2.202	22.23	20.21	26.375	842.09
"2010-06-13	13:00:00"	8.68	278.6	35.81	17.7	6.567	279.4	38.02	15.91	86	88.3	-2.236	20.56	18.4	26.38	948.8
"2010-06-13	14:00:00"	8.14	258.5	51.59	17.1	6.213	261.7	54.47	14.12	87.5	89.9	-2.35	19.46	17.13	26.373	993.59
"2010-06-13	15:00:00"	7.601	292.2	64.87	18.3	6.125	292.5	66.9	15.91	89.1	91.3	-2.246	18.73	16.28	26.353	962.92
"2010-06-13	16:00:00"	8.37	219	49.61	20.68	6.804	220.5	51.03	17.7	91	93	-1.948	18.31	15.82	26.334	923
"2010-06-13	17:00:00"	8.56	225.9	41.27	19.49	6.92	224.5	43.85	16.51	92.2	94.3	-2.04	17.96	15.36	26.315	793.5
"2010-06-13	18:00:00"	9.81	193.3	28.83	19.49	7.697	191.4	33.92	16.51	93.4	95	-1.637	17.75	15.22	26.288	609.54
"2010-06-13	19:00:00"	10.8	198.8	22.17	23.66	8.4	196.4	26.25	17.7	94.2	95.5	-1.311	17.52	15.07	26.263	398.96
"2010-06-13	20:00:00"	13.2	209.8	17.36	21.87	9.83	210.2	21.05	17.1	93.6	94.3	-0.665	16.9	14.82	26.263	185.88
"2010-06-13	21:00:00"	8.84	215.7	23.63	17.1	6.282	215.8	27.29	13.52	91.9	91.4	0.521	16.91	15.64	26.281	40.816
"2010-06-13	22:00:00"	11.2	182.8	38.3	22.47	7.977	176.6	36.96	18.3	87.6	86.8	0.794	33.87	32.85	26.304	0.59885
"2010-06-13	23:00:00"	18.08	153	21.83	42.15	12.8	151.6	23.84	34.4	75.19	74.51	0.678	67.35	70.65	26.352	0.00536
"2010-06-14	00:00:00"	9.91	192.8	9.13	16.51	6.52	192.7	12.96	11.14	75.08	73.93	1.148	69.81	73.67	26.348	0
"2010-06-14	01:00:00"	6.128	208.1	13.2	9.95	3.762	209.4	19.07	6.964	74.37	73.56	0.812	80.7	83.6	26.35	0
"2010-06-14	02:00:00"	5.572	195.9	12.79	8.75	3.172	199.2	16.5	6.368	73.98	73.02	0.962	81.8	85.1	26.353	0
"2010-06-14	03:00:00"	4.166	195.2	10.51	6.964	2	205	16.34	3.982	73.74	72.67	1.07	81.7	85.3	26.349	0
"2010-06-14	04:00:00"	2.474	183	24.46	4.578	1.117	162.8	83.5	2.789	74.33	72.58	1.751	79.47	84.5	26.349	0
"2010-06-14	05:00:00"	5.715	143.3	9.2	8.75	3.243	124.5	27.26	5.175	73.85	71.81	2.043	79.71	85.8	26.348	0
"2010-06-14	06:00:00"	7.194	146.1	12.59	11.74	4.501	142	15.37	8.16	72.22	71.39	0.834	83.2	86.3	26.345	0
"2010-06-14	07:00:00"	8.59	158	13.5	15.91	5.964	154.3	14.67	13.52	71.38	70.95	0.428	86	87.9	26.346	1.8155
"2010-06-14	08:00:00"	6.427	164.6	8.94	10.54	4.739	160.8	10.79	9.35	71.43	71.39	0.037	87.7	88.8	26.352	69.041
"2010-06-14	09:00:00"	11.78	166	10.1	20.68	9.05	162.7	12.92	16.51	73.35	73.84	-0.485	84.9	84.7	26.353	214.84
"2010-06-14	10:00:00"	13	175.7	11.4	18.89	9.96	173	14.72	15.91	75.71	76.75	-1.04	78.48	76.84	26.351	344.98
"2010-06-14	11:00:00"	11.52	193.2	14.21	16.51	8.81	193.1	18.84	14.72	77.41	78.68	-1.269	73.62	71.32	26.352	389.4
"2010-06-14	12:00:00"	8.75	191.7	20.73	14.72	7.093	190.7	26.16	13.52	79.9	81.5	-1.597	67.19	64.1	26.347	626.81
"2010-06-14	13:00:00"	8.53	186.5	26.31	18.3	7.112	183.4	31.67	13.52	82.4	84.2	-1.78	60.58	57.06	26.338	876.94
"2010-06-14	14:00:00"	9.7	182.3	30.78	19.49	7.854	181	36.41	17.1	86.3	88.5	-2.229	46.7	42.58	26.315	995.02
"2010-06-14	15:00:00"	12.06	207.1	24.72	21.87	9.59	206.3	30.99	18.3	88.8	91.2	-2.447	41.06	37.02	26.285	818.03
"2010-06-14	16:00:00"	10.62	230.7	25.31	23.66	8.74	232.8	30.46	20.09	90.2	92.2	-1.918	35.07	31.96	26.268	593.48
"2010-06-14	17:00:00"	10.8	231.7	25.87	23.66	8.58	232.9	29.76	17.7	90.9	92.3	-1.376	34.38	31.73	26.249	402.69
"2010-06-14	18:00:00"	11.59	273.6	27.8	24.86	8.42	275.2	30	19.49	92.4	94.4	-2.01	30.54	27.41	26.219	618.09
"2010-06-14	19:00:00"	14.88	299.9	15.38	26.05	9.35	300.2	17.75	19.49	93.7	95.3	-1.567	19.33	16.73	26.201	406.05
"2010-06-14	20:00:00"	10.71	302.4	19.84	19.49	6.92	302.9	22.03	15.31	93.3	94.3	-1.006	15.4	13.29	26.22	229.84
"2010-06-14	21:00:00"	11.72	27.84	58.07	26.65	8.41	27.39	57.56	19.49	88	88.2	-0.266	31.89	30.24	26.242	73.97
"2010-06-14	22:00:00"	10.95	73.63	9.63	20.09	7.885	72.17	12.6	15.91	79.64	79.5	0.14	54.1	53.75	26.269	2.2731
"2010-06-14	23:00:00"	7.509	99.2	13.57	10.54	4.863	97	15.88	7.561	76.65	76.26	0.388	59.4	59.78	26.296	0
"2010-06-15	00:00:00"	8.94	128	10.32	12.93	6.149	125.8	13.18	10.54	76.29	75.96	0.326	62.51	62.99	26.321	0
"2010-06-15	01:00:00"	8.89	95.6	12.84	13.52	6.459	92.2	14.52	11.14	74.1	73.89	0.213	66.6	67.15	26.329	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-15	02:00:00"	9.12	88.8	13.11	13.52	6.423	85.7	14.99	11.14	71.79	71.55	0.243	71.55	72.49	26.336	0
"2010-06-15	03:00:00"	8.76	85.7	10.98	12.93	6.027	81.5	13.13	9.35	69.62	69.39	0.235	76.53	77.67	26.33	0
"2010-06-15	04:00:00"	9.63	92.3	9.71	14.72	6.988	88.8	11.93	11.14	68.16	68	0.161	81.2	82.3	26.329	0
"2010-06-15	05:00:00"	8.74	98.8	7.912	12.33	6.253	95.1	10.46	9.95	67.69	67.52	0.173	82.7	83.9	26.329	0
"2010-06-15	06:00:00"	9.32	82.7	9.35	13.52	6.679	79.7	11.29	11.14	66.24	66.06	0.172	85.8	87.1	26.34	0
"2010-06-15	07:00:00"	10.53	78.37	8.5	15.31	7.655	76.24	11.04	12.33	65.17	65.07	0.098	90	91.3	26.362	1.4031
"2010-06-15	08:00:00"	10.43	81.9	8.71	14.72	7.741	79.64	11.35	12.33	66.73	66.91	-0.175	91	91.5	26.381	35.47
"2010-06-15	09:00:00"	10.73	55.97	15.1	17.7	7.985	54.72	16.94	14.72	69.55	69.89	-0.337	88	87.9	26.41	29.925
"2010-06-15	10:00:00"	14.76	90.1	17.15	22.47	11.17	87.8	18.76	18.3	71.78	73.05	-1.277	82.4	80.3	26.418	410.69
"2010-06-15	11:00:00"	14.81	98.3	10.79	21.87	11.23	95.8	13.71	18.3	74.16	76.06	-1.898	76.78	73.16	26.418	553.96
"2010-06-15	12:00:00"	14.12	88.6	12.42	20.68	10.84	86.3	14.59	17.7	75.6	77.46	-1.857	73.06	69.45	26.422	497.75
"2010-06-15	13:00:00"	15.09	84.4	14.27	23.66	11.69	82.8	16.85	20.68	77.55	80.3	-2.79	68.88	63.46	26.423	827.69
"2010-06-15	14:00:00"	15.02	98.1	16.77	30.22	11.53	96.2	19.31	24.86	80.9	83.2	-2.353	61.87	57.22	26.408	699.71
"2010-06-15	15:00:00"	16.09	120.8	16.34	28.43	12.29	119.6	18.94	22.47	85	87.5	-2.529	50.79	45.92	26.384	697.17
"2010-06-15	16:00:00"	15.05	128.8	16.81	27.84	11.3	126.6	18.43	21.28	86.7	88.9	-2.184	43.89	39.78	26.367	606.06
"2010-06-15	17:00:00"	15.8	134.3	17.69	39.77	12.05	132.7	19.07	35	87.3	89.5	-2.173	43.02	38.95	26.353	656.28
"2010-06-15	18:00:00"	16.45	141.1	14.71	24.26	12.52	139.7	16.91	20.09	87.5	89.6	-2.133	43.66	39.47	26.35	602.17
"2010-06-15	19:00:00"	15.87	138	17.23	24.86	11.93	136	18.45	20.09	88.4	90	-1.615	42.28	38.81	26.337	403.03
"2010-06-15	20:00:00"	18.11	150	11.96	27.24	13.53	147.9	13.84	23.66	88.2	89.1	-0.841	42.81	40.18	26.338	179.86
"2010-06-15	21:00:00"	17.6	163	8.74	27.24	13.3	159.8	10.88	20.68	84.9	85	-0.197	46.44	44.99	26.355	13.438
"2010-06-15	22:00:00"	11.08	153.1	9.31	18.89	8.22	150.6	11.04	15.91	82.9	82.8	0.105	46.4	45.66	26.381	0.42566
"2010-06-15	23:00:00"	11.66	159.2	8.64	17.7	8.52	155.6	10.56	12.93	80.8	80.6	0.159	48.5	48.14	26.394	0
"2010-06-16	00:00:00"	10.53	157.8	10.86	17.1	7.657	154.7	12.12	13.52	78.61	78.31	0.298	52.62	52.72	26.414	0
"2010-06-16	01:00:00"	12.35	149.4	8.26	17.7	9.04	146.7	9.88	13.52	77.2	76.89	0.309	57.59	57.92	26.413	0
"2010-06-16	02:00:00"	10.36	153.6	8.36	15.91	7.335	150.6	9.79	12.33	75.54	75.21	0.325	61.92	62.52	26.409	0
"2010-06-16	03:00:00"	9.92	141.6	8.26	14.72	6.817	138.5	9.98	11.14	73.83	73.36	0.471	65.4	66.53	26.405	0
"2010-06-16	04:00:00"	10.14	134	9.98	14.12	6.972	132.4	12.62	11.14	72.52	72.09	0.436	68.57	69.81	26.401	0
"2010-06-16	05:00:00"	8.89	122.5	7.922	12.93	5.94	118.6	11.85	9.35	70.57	70.02	0.546	73.35	75.06	26.403	0
"2010-06-16	06:00:00"	7.822	141.5	8.44	11.74	5.076	138.6	10.44	7.561	69.37	68.76	0.605	76.17	78.2	26.415	0
"2010-06-16	07:00:00"	7.33	144.6	8.12	11.14	4.616	140.5	10.2	7.561	68.43	67.77	0.669	78.46	80.7	26.428	2.8464
"2010-06-16	08:00:00"	11.45	158.1	8.77	20.68	8.44	154.8	10.92	16.51	69.76	69.74	0.021	78.37	79.21	26.441	91.56
"2010-06-16	09:00:00"	17.82	167.4	9.58	26.65	13.59	163.8	11.84	21.28	73.29	73.86	-0.568	73.94	73.2	26.447	278.01
"2010-06-16	10:00:00"	15.22	174.2	27.38	27.84	13.96	169	27.53	21.28	77.06	78.31	-1.252	65.43	63.02	26.454	367.21
"2010-06-16	11:00:00"	11.4	187.7	14.45	38.57	9.81	168.3	18.56	43.94	80.9	82.4	-1.453	55.18	52.57	26.451	383.76
"2010-06-16	12:00:00"	15.86	178.1	18.41	26.65	12.92	172.2	20.34	21.87	83.6	86.1	-2.483	50.37	46.06	26.44	710.11
"2010-06-16	13:00:00"	16.08	167.8	15.16	24.26	12.62	166.6	17.27	20.68	85.4	87.7	-2.248	43.98	40.05	26.428	928.09
"2010-06-16	14:00:00"	16.46	165.6	17.28	27.84	12.86	164.7	20.44	21.87	87.2	89.7	-2.51	38.82	35.21	26.417	973.72
"2010-06-16	15:00:00"	16.87	162.2	18.71	27.84	13.17	161.6	20.42	22.47	89.8	92.3	-2.575	32.96	29.44	26.398	950.68
"2010-06-16	16:00:00"	17.86	159.5	17.17	28.43	13.84	159.2	19.25	23.66	91.6	94	-2.378	27.84	24.51	26.38	918.8
"2010-06-16	17:00:00"	20.58	155.6	14.43	31.42	15.79	154.5	16.12	26.65	92.2	94.3	-2.088	27.44	24.26	26.359	795.88
"2010-06-16	18:00:00"	20.79	149.3	13.26	30.82	15.92	148.7	14.74	27.84	92.2	93.9	-1.705	27.85	24.92	26.343	614.03
"2010-06-16	19:00:00"	21.96	155.3	11.4	32.61	16.78	154.2	13.25	27.24	91.2	92.4	-1.18	28.17	25.72	26.329	406.46
"2010-06-16	20:00:00"	21.25	151.6	9.95	30.82	15.89	150.5	11.57	26.65	88.4	88.8	-0.476	32.53	30.81	26.328	118.86
"2010-06-16	21:00:00"	17.91	155.1	8.23	25.45	13.44	154.1	10.48	21.87	85	85	-0.025	38.26	37.19	26.342	13.363
"2010-06-16	22:00:00"	17.65	156	8.07	26.65	13.19	154.2	10.1	21.28	82.4	82.3	0.099	43.52	42.78	26.364	0.25531

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-16	23:00:00"	15.11	158.8	7.811	24.26	11.37	156.8	9.88	19.49	80.5	80.4	0.118	47.04	46.61	26.397	0
"2010-06-17	00:00:00"	13.56	169.4	10.91	21.28	10.04	168.7	13.53	17.1	79	78.89	0.111	51.14	50.87	26.423	0
"2010-06-17	01:00:00"	13.43	159.2	13.78	19.49	10.08	158.2	14.95	15.91	78	77.94	0.059	54.88	54.7	26.425	0
"2010-06-17	02:00:00"	16.63	150.2	8.62	23.66	12.41	148.8	10.24	19.49	76.88	76.8	0.072	56.25	56.24	26.387	0
"2010-06-17	03:00:00"	16.84	154.3	8.34	28.43	12.43	153.4	10.53	21.87	75.95	75.82	0.132	57.46	57.66	26.37	0
"2010-06-17	04:00:00"	15.84	168.8	10	24.26	11.76	168	12.94	21.87	74.49	74.38	0.109	65.89	66.23	26.373	0
"2010-06-17	05:00:00"	13.8	176.1	8.71	21.28	10.22	175.8	12.26	16.51	72.62	72.5	0.112	73.87	74.48	26.372	0
"2010-06-17	06:00:00"	12.32	175.7	8.59	21.87	8.97	175.9	12.08	17.7	70.76	70.64	0.115	78.39	79.24	26.367	0
"2010-06-17	07:00:00"	12.33	169	9.46	19.49	9.18	168.1	12.49	15.91	69.82	69.76	0.058	81.5	82.3	26.371	2.6142
"2010-06-17	08:00:00"	12	167.5	9.03	18.89	9.19	166.1	12.12	14.72	69.6	69.8	-0.203	82.9	83.2	26.388	80.856
"2010-06-17	09:00:00"	14.97	169.6	9.36	22.47	11.53	168	12.32	17.7	71.41	72.14	-0.731	78.27	77.3	26.394	269.64
"2010-06-17	10:00:00"	16.34	173.5	10.5	23.07	12.52	172.6	14.02	19.49	74.62	75.83	-1.204	69.44	67.37	26.391	443.45
"2010-06-17	11:00:00"	15.85	175.3	12.58	24.26	12.28	174.6	16.29	20.09	78.34	80	-1.696	61.18	58.03	26.387	667.45
"2010-06-17	12:00:00"	14.43	185.1	13.65	23.66	11.13	185.7	18.1	18.89	81.8	84	-2.211	53.42	49.43	26.383	824.4
"2010-06-17	13:00:00"	12.37	179.8	17.52	21.87	9.85	179.7	22.25	17.1	85.1	87.3	-2.283	46.68	42.47	26.38	924.7
"2010-06-17	14:00:00"	11.56	182.1	24.52	21.87	9.32	182.4	27.94	18.89	87.9	90.2	-2.346	40.74	36.93	26.367	966.68
"2010-06-17	15:00:00"	10.3	180.6	31.54	19.49	8.35	181	33.33	17.1	89.9	92.3	-2.354	36.13	32.63	26.351	941.15
"2010-06-17	16:00:00"	12.18	178.7	24.32	21.87	9.58	179.3	27.61	18.3	92	94.4	-2.402	32.95	29.37	26.334	902.33
"2010-06-17	17:00:00"	15.27	166.3	19.22	26.65	11.93	165.8	21.46	21.87	93.8	96.1	-2.259	30.86	27.28	26.317	779.77
"2010-06-17	18:00:00"	15.68	158	17.83	28.43	12.23	157.4	19.73	22.47	94.6	96.5	-1.877	28.81	25.52	26.304	603.26
"2010-06-17	19:00:00"	18.11	156.1	13.2	27.84	13.71	154.9	15.13	22.47	94.1	95.4	-1.352	29.91	27.03	26.297	368.76
"2010-06-17	20:00:00"	17.75	158	9.72	27.24	13.32	157.1	11.77	21.87	90.7	91	-0.288	33.64	31.84	26.306	24.913
"2010-06-17	21:00:00"	17.07	159.1	8.43	26.05	12.91	157.9	10.54	21.87	87.7	87.9	-0.175	37.5	36.08	26.33	29.99
"2010-06-17	22:00:00"	16.46	166.6	17.7	27.84	12.33	165.7	20.45	21.87	84.4	84.5	-0.084	43.2	41.98	26.331	1.0345
"2010-06-17	23:00:00"	20.37	164.4	8.24	30.22	15.26	163.2	10.86	24.26	81.5	81.5	-0.003	49.91	49.19	26.34	0
"2010-06-18	00:00:00"	17.53	166.1	8.85	26.65	13.06	164.7	11.54	21.87	78.71	78.65	0.058	55.29	55.03	26.365	0
"2010-06-18	01:00:00"	14.77	156.6	8.15	22.47	10.97	155.4	10.26	18.89	76.38	76.31	0.071	60.9	60.94	26.376	0
"2010-06-18	02:00:00"	9.01	159.8	9.36	15.31	6.519	158.6	11.9	12.33	74.18	73.97	0.215	65.97	66.5	26.388	0
"2010-06-18	03:00:00"	7.357	148.7	23.51	10.54	4.757	144.5	28.54	7.561	72	71.47	0.53	71.02	72.34	26.383	0
"2010-06-18	04:00:00"	7.397	84.8	10.32	9.95	4.619	78.7	12.36	6.964	68.95	68.08	0.867	77.1	79.33	26.384	0
"2010-06-18	05:00:00"	6.643	100.3	16.9	10.54	3.95	89.2	22.19	7.561	68.38	67.34	1.04	79.11	81.8	26.383	0
"2010-06-18	06:00:00"	8.58	89.7	15.05	12.33	5.867	86.9	15.72	9.35	67.27	66.82	0.448	81.2	83	26.385	0
"2010-06-18	07:00:00"	8.09	99.9	15.34	11.14	5.452	96.7	18.33	8.16	66.62	66.19	0.434	83.4	85.2	26.392	4.5531
"2010-06-18	08:00:00"	9.26	131.7	16	15.31	6.851	131.1	18.24	12.93	68.38	68.42	-0.039	83.6	84.3	26.398	70.123
"2010-06-18	09:00:00"	11.13	156	13.24	21.28	8.6	155.6	14.6	17.1	70.97	71.63	-0.666	81.6	80.8	26.408	250.95
"2010-06-18	10:00:00"	15.13	174.1	11.67	21.87	11.58	173.2	14.84	18.89	75.53	76.83	-1.299	73.49	71.04	26.413	474.56
"2010-06-18	11:00:00"	12.6	181.1	13.81	20.09	9.91	180.7	18.52	16.51	79.04	80.8	-1.709	64.83	61.49	26.411	665.82
"2010-06-18	12:00:00"	8.81	187.8	23.84	15.91	7.263	187.2	28.54	13.52	83.1	85	-1.835	55.3	51.7	26.402	820.21
"2010-06-18	13:00:00"	7.743	200.2	25.33	18.89	6.424	201.9	29.79	15.31	87.3	89.2	-1.907	46.34	42.5	26.395	924.85
"2010-06-18	14:00:00"	7.588	202.4	35.81	15.91	6.398	201.4	40.95	14.72	91	92.9	-1.925	38.49	35.11	26.378	975.99
"2010-06-18	15:00:00"	7.172	205.1	33.26	18.3	5.911	207.4	39.82	14.12	94.1	96.1	-2.008	31.15	27.82	26.361	955.58
"2010-06-18	16:00:00"	9.11	188.5	41.67	18.3	7.486	189	45.33	15.31	96.8	99	-2.144	22.73	19.37	26.34	929.11
"2010-06-18	17:00:00"	8.07	212.1	54.42	17.1	6.676	214	57.36	14.72	98.3	100.1	-1.846	18.83	15.66	26.324	722.05
"2010-06-18	18:00:00"	7.191	228.7	46.66	14.72	5.856	234.1	49.01	13.52	98.6	99.8	-1.24	16.79	13.93	26.313	418.22
"2010-06-18	19:00:00"	15.79	164.3	19.88	26.65	12.21	163.6	21.26	21.28	97.7	99	-1.281	23.75	20.71	26.306	363.9

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-18	20:00:00"	17.45	173.4	9.3	23.66	13.03	172.8	13.06	20.09	95	95.6	-0.601	26.93	24.52	26.315	119.57	0	
"2010-06-18	21:00:00"	14.69	174.2	11.36	25.45	10.9	173.1	14.46	21.28	92.6	92.8	-0.167	30.27	28.42	26.327	31.399	0	
"2010-06-18	22:00:00"	9.79	164.9	11.99	14.72	6.993	163.8	13.71	11.14	89.5	89.2	0.277	32.97	31.75	26.345	0.71182	0	
"2010-06-18	23:00:00"	12.35	178.7	8.5	18.3	8.92	178.7	12.17	14.72	86.7	86.4	0.271	39.75	38.76	26.369	0	0	
"2010-06-19	00:00:00"	10.79	170	9.01	17.1	7.783	168.9	12.07	12.33	83.9	83.6	0.315	44.71	44.11	26.392	0	0	
"2010-06-19	01:00:00"	14.04	162.3	8.04	24.26	10.41	161.1	10.48	18.3	81.9	81.7	0.215	47.69	47.24	26.403	0	0	
"2010-06-19	02:00:00"	13.16	167.9	7.941	19.49	9.7	166.8	11.05	15.91	80.3	80.1	0.246	50.19	50.02	26.411	0	0	
"2010-06-19	03:00:00"	12.02	169.8	8.06	18.89	8.8	168.8	10.99	14.72	78.29	78	0.292	53.03	53.2	26.412	0	0	
"2010-06-19	04:00:00"	12.14	175.7	7.739	17.1	8.75	174.9	11.53	14.12	77.21	76.86	0.351	55.77	56.17	26.413	0	0	
"2010-06-19	05:00:00"	10.82	168.9	8.04	15.31	7.794	167.6	11.17	12.33	75.57	75.25	0.325	59.76	60.32	26.412	0	0	
"2010-06-19	06:00:00"	8.6	174.3	9.38	13.52	6.066	173.6	12.76	9.95	74.29	73.92	0.37	66.35	67.09	26.417	0	0	
"2010-06-19	07:00:00"	7.916	192.8	9.69	12.33	5.323	195.1	13.45	9.35	73.09	72.82	0.261	73.99	74.71	26.426	4.7686	0	
"2010-06-19	08:00:00"	7.315	188.7	9.37	11.74	5.209	189.7	12.87	9.35	72.76	72.74	0.024	77.17	77.54	26.441	47.843	0	
"2010-06-19	09:00:00"	10.31	178	10.01	15.31	7.715	177.3	14.21	11.74	74.47	74.98	-0.507	74.85	74.13	26.444	185.92	0	
"2010-06-19	10:00:00"	9.12	178.1	11.14	14.72	7.043	177.4	14.53	12.93	77.24	77.96	-0.719	66.93	65.6	26.451	262.92	0	
"2010-06-19	11:00:00"	9.05	197.5	15.22	16.51	7.14	197.7	19.15	11.74	81.4	82.7	-1.286	52.63	50.25	26.452	511.36	0	
"2010-06-19	12:00:00"	8.31	217	24.03	15.31	6.913	219.4	29.8	14.72	85.6	87.3	-1.645	40.48	37.79	26.452	757.43	0	
"2010-06-19	13:00:00"	8.63	232.3	29.26	20.09	7.128	234.1	31.38	17.1	89.4	91.1	-1.724	31.65	29.01	26.448	720.92	0	
"2010-06-19	14:00:00"	11.79	203.7	30.08	23.07	9.44	205.5	34.45	18.3	91.4	93.7	-2.287	31.28	27.95	26.436	930.27	0	
"2010-06-19	15:00:00"	9.65	187.9	37.32	21.87	7.863	187.8	40.2	15.91	92.4	94.6	-2.152	31.62	28.29	26.42	926.96	0	
"2010-06-19	16:00:00"	8.29	183.2	33.97	17.1	6.773	183.9	39.46	13.52	93.3	95.1	-1.771	26.24	23.28	26.401	675.37	0	
"2010-06-19	17:00:00"	9.46	167	22.46	18.89	7.576	166.3	25.56	15.31	94.2	95.6	-1.402	24.83	22.04	26.387	428.45	0	
"2010-06-19	18:00:00"	8.89	157.2	34.15	16.51	6.969	158.4	37.22	13.52	94.6	95.8	-1.179	26.02	23.35	26.366	297.19	0	
"2010-06-19	19:00:00"	11.65	144.2	20.61	20.09	8.82	143.7	21.8	16.51	94.6	95.5	-0.814	27.04	24.57	26.36	204.67	0	
"2010-06-19	20:00:00"	13.05	154.4	11.72	18.89	9.93	153.2	13.4	15.91	94	94.5	-0.539	28.38	26.16	26.358	137.66	0	
"2010-06-19	21:00:00"	14.49	147.4	8.67	22.47	10.86	146.5	10.81	17.7	92.6	92.8	-0.178	31.72	29.88	26.368	44.071	0	
"2010-06-19	22:00:00"	11.91	143.2	8.08	18.89	8.62	142.4	9.72	15.31	90.9	90.6	0.201	33.35	31.99	26.386	1.8156	0	
"2010-06-19	23:00:00"	11.75	186.2	14.05	21.28	8.41	187.5	17.13	17.1	85	84.8	0.141	44.1	43.13	26.418	0	0	
"2010-06-20	00:00:00"	18.01	171.6	8.59	30.82	13.42	170.8	12.06	25.45	83.5	83.4	0.092	48.49	47.67	26.44	0	0	
"2010-06-20	01:00:00"	17.77	179.8	8.32	27.24	12.99	179	12.17	22.47	80.9	80.8	0.087	55.89	55.42	26.442	0	0	
"2010-06-20	02:00:00"	13.3	177.8	8.21	22.47	9.72	177.1	12.27	17.1	78.7	78.58	0.119	62.71	62.57	26.435	0	0	
"2010-06-20	03:00:00"	10.61	182.1	10.79	17.1	7.709	182.4	14.78	13.52	77.96	77.74	0.214	64.11	64.23	26.419	0	0	
"2010-06-20	04:00:00"	13.8	164.2	8.3	23.07	10.33	163.1	10.88	17.1	78.08	77.96	0.113	62.06	62.02	26.415	0	0	
"2010-06-20	05:00:00"	13.19	164	10.21	20.09	9.89	162.6	12.06	17.1	77.2	77.14	0.061	63.2	63.17	26.417	0	0	
"2010-06-20	06:00:00"	13.19	161	8.98	20.09	9.84	159.4	10.55	17.1	75.87	75.81	0.061	66.29	66.42	26.419	0	0	
"2010-06-20	07:00:00"	12.01	165.2	9.37	17.7	9.02	164.3	11.64	14.72	74.76	74.74	0.022	69.18	69.39	26.423	2.8065	0	
"2010-06-20	08:00:00"	10.55	164.5	8.33	15.91	7.983	164	10.83	14.12	74.14	74.24	-0.108	72.29	72.31	26.435	31.576	0	
"2010-06-20	09:00:00"	12.49	167.3	9.09	17.7	9.42	166.3	12.1	15.91	74.81	75.24	-0.427	74.14	73.46	26.441	139.33	0	
"2010-06-20	10:00:00"	12.7	173.3	12.06	19.49	9.88	173.1	16.07	14.72	78.12	79.63	-1.504	67.72	64.8	26.44	529.17	0	
"2010-06-20	11:00:00"	11.85	179.6	13.97	17.7	9.27	179.3	17.92	15.31	81.5	83	-1.529	60.83	57.68	26.429	523.99	0	
"2010-06-20	12:00:00"	11.9	191.4	16.25	18.89	9.29	192.3	20.73	16.51	84.6	86.7	-2.059	52.42	48.45	26.417	730.65	0	
"2010-06-20	13:00:00"	11.86	208.6	17.78	20.09	9.51	211.6	22.25	18.3	88.6	90.9	-2.29	42.32	38.34	26.407	896.38	0	
"2010-06-20	14:00:00"	10.91	205.6	27.71	21.87	8.82	208.1	31.52	17.7	92.1	94.4	-2.306	36.03	32.41	26.385	952.56	0	
"2010-06-20	15:00:00"	10.45	189.4	30.05	20.09	8.5	190.6	34.78	17.7	93.8	96.2	-2.394	32.87	29.18	26.36	963.74	0	
"2010-06-20	16:00:00"	12.34	181.7	25.03	23.07	9.76	182.4	28.87	23.66	95.2	97.2	-1.996	28.8	25.37	26.329	558.1	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-21	13:00:00"	9.48	208.7	17.59	14.72	7.491	211.9	21.39	11.74	89.6	90.8	-1.276	39.07	38.36	26.417	936.56	0	
"2010-06-21	14:00:00"	8.37	213.4	23.15	14.12	6.819	217.1	27.53	11.14	90.9	92	-1.109	36.14	35.19	26.405	959.1	0	
"2010-06-21	15:00:00"	8.66	219	28.56	16.51	7.115	221.3	32.79	13.52	93.6	94.7	-1.153	33.19	31.73	26.39	934.45	0	
"2010-06-21	16:00:00"	8.86	198.3	27.28	19.49	7.199	199.6	30.68	16.51	95.5	96.7	-1.161	30.79	29.06	26.369	909.03	0	
"2010-06-21	17:00:00"	8.93	182.7	32.14	23.66	6.988	182.5	34.69	16.51	97.1	98.3	-1.199	27.16	25.35	26.351	850.78	0	
"2010-06-21	18:00:00"	14.63	164.7	16.96	26.65	11.27	163.3	18.16	20.68	97.1	97.9	-0.776	27.57	25.81	26.347	501.71	0	
"2010-06-21	19:00:00"	12.93	130.6	16.52	23.07	9.75	130.3	18.26	20.68	95.4	95.8	-0.46	28.19	26.85	26.346	326.42	0	
"2010-06-21	20:00:00"	12.32	141.1	9.95	18.89	8.88	140.4	11.2	16.51	95.3	95	0.278	27.72	26.95	26.338	120.17	0	
"2010-06-21	21:00:00"	11.14	151.4	7.834	17.1	7.902	150.2	9.44	12.93	91.6	90.8	0.728	31	31	26.347	17.802	0	
"2010-06-21	22:00:00"	13.23	149.1	7.34	19.49	9.46	147.4	9.65	17.1	88.9	88.2	0.783	33.16	33.34	26.364	1.0274	0	
"2010-06-21	23:00:00"	13.76	148.5	7.821	21.28	10.03	147.3	9.35	17.1	87	86.4	0.597	34.48	34.52	26.4	0	0	
"2010-06-22	00:00:00"	11.92	154.2	8.4	18.3	8.58	152.3	10.47	14.12	83.6	83.1	0.53	38.2	38.68	26.43	0	0	
"2010-06-22	01:00:00"	14.48	163.9	8.64	22.47	10.73	162.6	11.39	17.7	82.1	81.8	0.349	42.15	42.43	26.439	0	0	
"2010-06-22	02:00:00"	13.21	169.4	9.06	21.28	9.72	168.2	12.12	18.89	79.98	79.58	0.402	48.51	49.22	26.432	0	0	
"2010-06-22	03:00:00"	11.24	162.1	8.99	20.68	8.11	160.3	11.29	16.51	77.9	77.4	0.502	52.79	54.15	26.43	0	0	
"2010-06-22	04:00:00"	12.43	167.5	8.8	20.68	9.09	166.4	11.86	14.12	76.57	76.13	0.44	56.84	58.12	26.421	0	0	
"2010-06-22	05:00:00"	12.25	173.5	8.32	18.3	8.9	172.7	11.77	14.12	75.08	74.65	0.42	62.7	64.13	26.42	0	0	
"2010-06-22	06:00:00"	10.17	165.6	9.56	14.72	7.363	164.3	11.86	11.14	73.33	72.95	0.383	67.97	69.66	26.43	0	0	
"2010-06-22	07:00:00"	10.06	172.3	11.21	14.72	7.178	172	14.25	11.74	72.27	71.89	0.382	71.42	73.26	26.446	3.0176	0	
"2010-06-22	08:00:00"	10.45	175.1	8.75	18.3	7.669	174.9	12.47	15.31	72.31	72.23	0.075	71.88	73.14	26.451	85.248	0	
"2010-06-22	09:00:00"	13.64	180.8	9.32	18.89	10.17	180	13.78	16.51	74.44	74.89	-0.447	69.27	69.33	26.458	265.73	0	
"2010-06-22	10:00:00"	13.62	181.2	10.7	19.49	10.27	180.9	14.52	15.91	77.31	78.18	-0.868	63.79	63.01	26.462	465.52	0	
"2010-06-22	11:00:00"	11.32	180.5	12.8	15.91	8.86	179.5	16.49	14.72	81	82.1	-1.091	56.34	54.99	26.456	654.42	0	
"2010-06-22	12:00:00"	10.86	195.6	16.95	17.7	8.52	196.7	20.83	14.72	85.2	86.6	-1.394	47.39	45.51	26.451	810.98	0	
"2010-06-22	13:00:00"	7.979	210.2	27	13.52	6.605	213.7	30.5	12.33	88.9	90.2	-1.306	38.38	36.65	26.444	915.94	0	
"2010-06-22	14:00:00"	6.615	214.6	35.52	12.93	5.555	216.1	42.88	12.33	92.1	93.4	-1.261	33.44	31.62	26.434	962.95	0	
"2010-06-22	15:00:00"	5.659	228.5	39.72	12.33	4.739	232.6	47.62	9.95	94.6	95.8	-1.199	28.88	26.93	26.414	940.71	0	
"2010-06-22	16:00:00"	5.036	201.2	64.39	11.14	4.329	205.5	66.33	9.95	96.6	97.5	-0.936	25.88	23.85	26.396	906.79	0	
"2010-06-22	17:00:00"	5.553	150.8	95.7	14.72	4.657	139	94.9	11.74	97.9	99	-1.068	25.02	22.96	26.374	811.47	0	
"2010-06-22	18:00:00"	7.424	155.2	63.86	17.1	5.943	154.9	67.3	13.52	98.9	99.9	-0.996	23.93	21.84	26.358	664.95	0	
"2010-06-22	19:00:00"	10.9	133.1	24.85	17.1	8.28	132.4	26.6	14.12	98.3	98.8	-0.487	24.93	23.17	26.347	317.18	0	
"2010-06-22	20:00:00"	12.39	149.7	9.59	18.89	9.22	149	11.4	16.51	97	96.9	0.068	26.18	24.76	26.346	126.4	0	
"2010-06-22	21:00:00"	13.86	147.5	9.46	21.87	10.18	147.1	11.06	17.1	94.3	93.8	0.476	28.39	27.35	26.356	21.398	0	
"2010-06-22	22:00:00"	14.62	161	8.35	23.66	10.76	159.1	10.61	18.89	91.1	90.6	0.447	30.47	29.66	26.38	0.31243	0	
"2010-06-22	23:00:00"	17.98	163.2	7.767	26.05	13.45	161.7	10.38	20.09	88.4	88.1	0.328	31.78	31.01	26.409	0	0	
"2010-06-23	00:00:00"	16.46	164.9	8.09	23.66	12.21	163.2	10.89	19.49	85.5	85.2	0.303	35.85	35.38	26.443	0	0	
"2010-06-23	01:00:00"	16.5	171.1	8.29	26.05	12.23	170.4	11.45	20.68	82.7	82.5	0.28	39.9	39.67	26.46	0	0	
"2010-06-23	02:00:00"	13.92	171.3	8.23	22.47	10.22	170.6	11.5	17.1	80.5	80.2	0.29	45.56	45.71	26.476	0	0	
"2010-06-23	03:00:00"	11.81	168.8	8.39	17.1	8.85	167.4	11.12	14.12	79.03	78.82	0.204	48.17	48.44	26.481	0	0	
"2010-06-23	04:00:00"	10.07	168.6	9.93	18.3	7.304	167.8	13.1	13.52	77.32	77.02	0.307	52.14	52.84	26.478	0	0	
"2010-06-23	05:00:00"	9.44	167.6	10.37	15.91	6.688	166.2	13.26	11.74	75.91	75.52	0.389	57.08	58.18	26.48	0	0	
"2010-06-23	06:00:00"	8.52	159.2	9.28	13.52	5.961	158.3	12.01	9.95	74.32	73.94	0.38	62.04	63.42	26.483	0	0	
"2010-06-23	07:00:00"	7.089	114.5	35.72	12.93	4.696	110.1	39.04	10.54	72.82	72.36	0.461	66.96	68.96	26.491	2.8791	0	
"2010-06-23	08:00:00"	8.55	119.7	16.74	15.91	6.15	119.5	19.58	11.74	72.74	72.75	-0.012	68.14	69.2	26.49	98.852	0	
"2010-06-23	09:00:00"	13.08	143.2	11.33	20.09	9.83	143.5	13.45	16.51	74.49	75.01	-0.522	67.08	66.84	26.495	271.8	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-23	10:00:00"	14.23	152.8	10.94	21.28	11.04	151.9	12.48	17.7	76.94	77.84	-0.902	64.53	63.35	26.497	474.24	0
"2010-06-23	11:00:00"	12.02	146.4	13.63	18.3	9.37	145.5	15.74	15.31	80.2	81.5	-1.285	58.5	56.63	26.5	662.84	0
"2010-06-23	12:00:00"	9.5	141.7	22.13	17.7	7.554	141.2	25.6	15.91	83.8	85.2	-1.427	50.3	48.11	26.501	815.95	0
"2010-06-23	13:00:00"	9.27	135.5	19.59	14.72	7.41	135.7	21.55	12.93	87.8	89.4	-1.523	39.31	37.25	26.501	924.83	0
"2010-06-23	14:00:00"	8.9	120.6	23.16	17.1	7.094	121.7	26.31	15.31	90.5	92.1	-1.66	33.54	31.51	26.494	967.27	0
"2010-06-23	15:00:00"	9.89	120.7	22.37	17.1	7.806	121.4	25.19	14.72	93.3	95	-1.692	26.19	24.16	26.478	946.93	0
"2010-06-23	16:00:00"	10.33	106	19.64	18.89	8.06	106.5	21.66	15.31	94.6	96.4	-1.783	24.25	22.13	26.462	922.28	0
"2010-06-23	17:00:00"	12.84	109.7	19.08	23.07	9.79	110.3	21.47	18.89	95.6	97.2	-1.632	24.47	22.27	26.441	794.72	0
"2010-06-23	18:00:00"	13.73	109.2	17.31	23.66	10.36	109.8	19.54	18.89	95.8	97.2	-1.317	22.86	20.84	26.42	609.33	0
"2010-06-23	19:00:00"	15.94	112.6	10.5	24.86	11.72	112.4	14.12	20.09	95.1	95.9	-0.839	24.35	22.46	26.418	403.12	0
"2010-06-23	20:00:00"	14.68	117.3	11.27	21.87	10.64	118.1	14.82	17.7	93.8	93.9	-0.172	26.05	24.6	26.44	158.37	0
"2010-06-23	21:00:00"	10.76	126.1	8.08	17.7	7.415	127.1	11.17	13.52	90.6	89.9	0.613	29.47	28.91	26.453	10.731	0
"2010-06-23	22:00:00"	7.607	109.8	9.54	9.95	4.331	102.8	15.47	7.561	87.1	85.2	1.847	33.3	35.09	26.475	0.22772	0
"2010-06-23	23:00:00"	7.621	77.84	14.13	9.95	4.291	63.66	10.48	6.964	83.2	79.86	3.334	38.29	44.85	26.511	0	0
"2010-06-24	00:00:00"	7.778	81.3	8.3	9.95	4.565	74.64	9.85	6.964	79.98	78.34	1.643	43.07	46.51	26.537	0	0
"2010-06-24	01:00:00"	5.063	87.1	75.64	13.52	2.789	36.62	71.41	9.95	80	78.34	1.687	42.65	46.89	26.551	0	0
"2010-06-24	02:00:00"	11.92	351.6	20.89	24.26	8.53	351.4	20.36	19.49	76.53	75.93	0.602	56.23	57.68	26.559	0	0
"2010-06-24	03:00:00"	12.87	13.24	28.81	20.68	9.22	14.07	34.83	17.1	73.41	73.2	0.204	65.36	66.22	26.56	0	0
"2010-06-24	04:00:00"	10.87	40.09	10.41	18.89	7.899	41.31	13.83	15.31	72.09	71.81	0.271	68.68	69.87	26.557	0	0
"2010-06-24	05:00:00"	8.2	54.38	9.82	12.93	6.05	55.8	11.65	9.95	69.99	69.68	0.311	75.05	76.64	26.558	0	0
"2010-06-24	06:00:00"	7.732	44.29	8.96	11.74	5.481	46.07	11.54	9.35	68.21	67.86	0.346	78.79	80.8	26.569	0	0
"2010-06-24	07:00:00"	7.166	43.39	12.1	9.35	4.803	45.2	14.13	6.964	66.75	66.29	0.454	81.6	84.1	26.583	1.665	0
"2010-06-24	08:00:00"	7.847	44.69	14.34	12.33	5.871	46.06	15.8	10.54	67.36	67.54	-0.185	80.7	81.8	26.596	86.021	0
"2010-06-24	09:00:00"	9.42	39.2	12.46	13.52	7.252	41.25	16.12	11.74	70.76	71.73	-0.965	72.79	72.03	26.605	269.76	0
"2010-06-24	10:00:00"	7.658	54.59	21.55	11.74	6.228	54.95	22.86	10.54	74.44	75.75	-1.304	64.83	63.29	26.609	456.05	0
"2010-06-24	11:00:00"	4.135	115.1	69.61	9.35	3.616	119	71	8.16	77.54	78.61	-1.067	58.36	56.99	26.599	651.72	0
"2010-06-24	12:00:00"	3.79	276.1	81.4	9.95	3.358	281.3	83.2	7.561	80.5	81.7	-1.196	52.43	50.66	26.589	834.22	0
"2010-06-24	13:00:00"	4.722	127.2	77.22	11.74	4.044	127.2	85.4	10.54	83.5	84.8	-1.308	47.27	45.09	26.578	944.41	0
"2010-06-24	14:00:00"	5.215	111.5	70.99	13.52	4.484	109.7	78.01	11.74	86	87.6	-1.569	41.08	38.77	26.56	1020.4	0
"2010-06-24	15:00:00"	5.435	109.2	64.11	12.93	4.506	114.7	69.08	11.74	88.2	89.7	-1.444	35.51	33.46	26.538	809.06	0
"2010-06-24	16:00:00"	6.933	136.3	71.57	14.72	5.75	140.4	74.32	12.93	89.5	90.9	-1.42	32.25	30.32	26.513	807.07	0
"2010-06-24	17:00:00"	7.358	131.8	44.31	14.72	6.064	131.6	49.54	14.12	90.7	92.3	-1.605	30.14	27.99	26.489	823.46	0
"2010-06-24	18:00:00"	6.659	120.4	47.35	25.45	5.543	124.7	51.49	21.87	91.4	92.6	-1.207	29.77	27.79	26.462	652.36	0
"2010-06-24	19:00:00"	7.01	111	27.98	14.12	5.59	112.1	32.4	12.33	91.6	92.7	-1.165	29.08	27.21	26.448	426.84	0
"2010-06-24	20:00:00"	10.41	103.1	15.31	29.63	7.949	102.8	17.9	26.65	91.3	92	-0.663	28.98	27.37	26.445	214.86	0
"2010-06-24	21:00:00"	8	104	8.88	13.52	5.602	102.3	11.5	10.54	89.5	89.2	0.343	30.5	29.94	26.455	43.202	0
"2010-06-24	22:00:00"	9.53	109.9	14.1	14.72	6.328	107.2	20.07	11.14	85.7	84.7	0.941	36.2	36.55	26.465	0.40668	0
"2010-06-24	23:00:00"	8.56	113.9	11.3	12.93	5.61	110.1	17.4	9.95	83.6	82.7	0.912	39.68	40.48	26.484	0	0
"2010-06-25	00:00:00"	10.4	122	14.98	15.91	6.79	119	20.69	12.93	81.2	80.2	1.069	43.18	44.84	26.5	0	0
"2010-06-25	01:00:00"	9.87	145.5	9.28	14.72	6.828	144.6	10.69	10.54	79.53	79.07	0.464	48.71	49.24	26.505	0	0
"2010-06-25	02:00:00"	7.26	142.8	17.51	11.74	4.483	138.1	23.23	9.35	77.18	76.37	0.812	53.55	55.37	26.508	0	0
"2010-06-25	03:00:00"	7.346	146.6	15.06	9.35	4.257	143.6	19.08	6.368	75.3	74.27	1.032	56.74	59.42	26.505	0	0
"2010-06-25	04:00:00"	6.685	168.1	6.599	8.75	3.318	168.5	10.25	5.771	73.87	72.82	1.046	59.46	62.45	26.494	0	0
"2010-06-25	05:00:00"	7.206	174.9	7.642	10.54	4.195	173.2	11.55	7.561	72.91	71.95	0.963	61.1	64.03	26.492	0	0
"2010-06-25	06:00:00"	7.451	174.8	6.985	11.14	4.383	173.3	10.52	8.16	71.67	70.78	0.888	62.94	65.84	26.497	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-25	07:00:00"	7.04	179.4	8.04	11.14	4.336	178.2	12.21	6.368	71.18	70.28	0.899	63.45	66.41	26.506	2.387	0
"2010-06-25	08:00:00"	5.773	182.1	12.7	11.74	3.81	184	16.96	8.16	71.06	70.83	0.226	64.54	66.39	26.516	82.794	0
"2010-06-25	09:00:00"	11.3	181.8	10.25	18.89	8.52	180.9	14.13	15.91	74.44	74.96	-0.522	61.96	61.75	26.52	263	0
"2010-06-25	10:00:00"	12.19	193.3	12.74	17.7	9.2	194.7	17.13	14.72	77.75	78.86	-1.111	57.72	56.34	26.526	464.87	0
"2010-06-25	11:00:00"	10.32	188.7	16.17	17.7	8.06	188.4	20.84	14.72	80.8	82.2	-1.449	51.75	49.72	26.52	651.29	0
"2010-06-25	12:00:00"	8.76	177.1	23.86	16.51	7.104	176.9	26.45	12.93	83.7	85.2	-1.496	44.1	41.81	26.513	806.55	0
"2010-06-25	13:00:00"	10.1	149.1	22.54	18.3	8.03	148.1	25.53	15.91	86.5	88.4	-1.909	38.23	35.8	26.501	917.11	0
"2010-06-25	14:00:00"	9.58	149.9	29.41	20.09	7.786	150	32.65	17.1	88.9	90.7	-1.766	34.52	32.07	26.481	959.88	0
"2010-06-25	15:00:00"	9.8	143.8	32.03	21.87	7.786	143.3	36.1	15.31	89.7	91.4	-1.653	32.01	29.7	26.456	728.76	0
"2010-06-25	16:00:00"	9.68	164.9	30.21	19.49	7.801	163.8	33.59	16.51	91.2	93	-1.743	30.13	27.66	26.429	887	0
"2010-06-25	17:00:00"	8.63	157.2	29.91	24.26	7.023	154.5	33.57	20.68	92	93.4	-1.371	28.85	26.54	26.404	643.3	0
"2010-06-25	18:00:00"	8.8	128.2	22.41	17.1	6.888	127.3	27.62	15.31	91.9	92.9	-1.036	28.15	26.2	26.388	416.36	0
"2010-06-25	19:00:00"	8.56	147.5	18.02	15.91	6.544	147.3	19.7	12.93	92.1	92.8	-0.655	27.53	25.85	26.374	241.79	0
"2010-06-25	20:00:00"	13.56	140.8	13.38	25.45	10.07	140.1	14.95	21.87	91.4	91.9	-0.514	30.49	28.85	26.37	178.51	0
"2010-06-25	21:00:00"	16.39	136.8	8.35	25.45	12	137	10.67	20.09	86.6	86.6	-0.046	40.13	38.95	26.389	27.183	0
"2010-06-25	22:00:00"	13.06	137.3	7.994	18.89	9.5	137.5	10.19	15.31	84.8	84.5	0.251	41.76	41.13	26.398	0.40336	0
"2010-06-25	23:00:00"	11.33	139.2	7.63	15.91	8.1	138.8	9.63	14.12	82.6	82.2	0.367	43.97	43.83	26.411	0	0
"2010-06-26	00:00:00"	11.53	143.6	7.575	16.51	8.24	142.8	9.52	12.93	80.8	80.4	0.394	45.47	45.63	26.421	0	0
"2010-06-26	01:00:00"	11.31	151.8	8.28	17.1	8.33	150.1	10.2	13.52	78.69	78.44	0.248	50.65	50.83	26.427	0	0
"2010-06-26	02:00:00"	8.55	156.6	7.401	12.93	5.93	155.2	9.51	9.35	76.2	75.89	0.312	56.63	57.3	26.426	0	0
"2010-06-26	03:00:00"	7.249	158.2	9.51	9.35	4.241	156	11.95	6.368	74.15	73.41	0.734	60.94	62.92	26.421	0	0
"2010-06-26	04:00:00"	8.65	172.1	7.465	12.33	5.505	170.7	11.08	9.35	74	73.25	0.75	59.49	61.52	26.415	0	0
"2010-06-26	05:00:00"	9.39	175	8.12	13.52	6.35	174	11.68	9.95	74.02	73.46	0.555	58.64	60.11	26.407	0	0
"2010-06-26	06:00:00"	7.188	191.6	7.12	9.95	4.164	196.3	11.76	7.561	72.25	71.33	0.919	62.45	65.08	26.409	0	0
"2010-06-26	07:00:00"	6.904	181.9	10.71	10.54	4.412	185.7	15.61	8.16	71.67	71.06	0.608	65.02	66.99	26.406	2.1127	0
"2010-06-26	08:00:00"	6.415	170.9	11.71	11.14	4.386	169.6	15.04	9.35	71.57	71.33	0.236	67.6	69.1	26.407	78.108	0
"2010-06-26	12:00:00"	9.95	186.9	19.61	15.91	7.892	187.5	23.59	13.52	86	87.7	-1.748	42.6	39.84	26.393	822.02	0
"2010-06-26	13:00:00"	8.6	190.7	25.76	15.31	7.082	191.1	32.55	12.93	88.5	90.2	-1.704	37.21	34.76	26.385	914.35	0
"2010-06-26	14:00:00"	7.498	202.6	35.88	15.31	6.243	206.9	41.11	12.33	90.3	92	-1.708	33.65	31.16	26.364	962.69	0
"2010-06-26	15:00:00"	8.97	173	40.23	20.09	7.356	173.5	43.18	17.1	92.3	94.4	-2.051	31.01	28.14	26.338	934.66	0
"2010-06-26	16:00:00"	8.93	144.3	29.03	20.09	7.213	144.1	31.18	18.3	93.2	95	-1.767	29.31	26.51	26.31	836.98	0
"2010-06-26	17:00:00"	8.01	167.8	47.55	20.09	6.572	167.6	51.68	15.91	94.2	95.5	-1.288	27.78	25.3	26.286	606.45	0
"2010-06-26	18:00:00"	9.79	142.7	22.81	17.7	7.581	142.5	24.33	12.93	94.2	95.2	-1.011	27.51	25.24	26.262	295.75	0
"2010-06-26	19:00:00"	12.98	274.6	82.2	32.01	9	279.4	81.9	23.07	88.8	89.1	-0.275	33.48	32.08	26.267	39.295	0
"2010-06-26	20:00:00"	18.63	356.8	26.6	35.59	13.12	356.7	29.81	30.22	74.31	73.57	0.74	69.14	73.59	26.299	53.109	0.17
"2010-06-26	21:00:00"	9.75	49.77	32.57	19.49	7.018	52.57	34.8	15.91	74.77	74.53	0.235	69.32	72.82	26.307	93.701	0
"2010-06-26	22:00:00"	16.47	152.7	9.68	26.65	12.28	152.5	11.41	21.87	70.23	70.4	-0.164	80.7	82.5	26.364	0.38352	0
"2010-06-26	23:00:00"	15.57	140	10.44	25.45	11.45	140.1	11.86	18.89	68.31	68.4	-0.085	87.5	89.3	26.391	0.02376	0.02
"2010-06-27	00:00:00"	11.83	124.3	10.37	17.7	8.32	124.7	13.46	14.72	68.23	68.12	0.115	85.7	88.3	26.385	0.03938	0.01
"2010-06-27	01:00:00"	8.21	99.7	10.35	11.14	5.699	97.5	13.4	8.75	68.51	68.26	0.249	82.7	85.8	26.367	0	0
"2010-06-27	02:00:00"	3.981	348.6	98.4	9.95	2.084	310.8	85.6	8.16	67.8	67.23	0.57	83.3	88.3	26.347	0	0
"2010-06-27	03:00:00"	5.943	274	12.05	9.35	3.435	279.9	14.73	6.964	67.94	67.26	0.677	83.6	88.3	26.337	0	0
"2010-06-27	04:00:00"	3.779	262.1	32.46	8.16	2.121	266.7	62.02	6.964	68.66	67.42	1.241	78.86	86.3	26.333	0	0
"2010-06-27	05:00:00"	5.287	234.5	26.98	8.75	3.341	234.2	31.61	5.771	68.17	67.18	0.995	80.6	87	26.33	0	0
"2010-06-27	06:00:00"	5.63	196.4	12.52	9.35	3.184	198.7	16.56	6.964	67.28	66.74	0.542	83.4	87.7	26.332	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-27	07:00:00"	5.867	203.4	12.81	9.35	3.958	204	17.22	7.561	67.3	67.18	0.118	86	88.5	26.33	0.72132	0
"2010-06-27	08:00:00"	5.187	207.2	14.29	8.75	3.801	209.9	18.17	6.964	67.83	67.93	-0.097	86.7	88.6	26.336	65.632	0
"2010-06-27	09:00:00"	6.211	208.4	15.67	10.54	4.827	210.5	20.99	8.16	70.5	70.84	-0.341	80.9	82	26.346	176.05	0
"2010-06-27	10:00:00"	7.467	213.4	12.03	11.74	5.78	216.9	15.97	9.95	72.76	73.46	-0.7	75.43	76.17	26.358	342.31	0
"2010-06-27	11:00:00"	8.4	191.4	12.31	12.93	6.332	191.8	16.97	9.95	74.61	75.29	-0.683	71.68	72.35	26.347	279.53	0
"2010-06-27	12:00:00"	4.587	204.9	22.36	9.95	3.249	205.8	31.21	8.16	77.07	77.67	-0.597	64.4	64.74	26.35	441.67	0
"2010-06-27	13:00:00"	3.932	187.7	54.12	7.561	2.805	193.8	61.35	7.561	81.2	81.8	-0.626	53.18	52.91	26.346	676.46	0
"2010-06-27	14:00:00"	3.972	91.9	61.65	11.74	3.421	92.7	68.9	9.35	85.6	86.6	-1.02	40.62	39.35	26.339	892.99	0
"2010-06-27	15:00:00"	6.983	73.05	44.2	15.91	5.649	74.16	49.07	12.93	88.5	90.3	-1.707	36.7	34.67	26.315	940.52	0
"2010-06-27	16:00:00"	8.41	89	21.36	15.91	6.755	90.3	24.73	12.93	89.4	91	-1.571	35.78	33.72	26.291	683.84	0
"2010-06-27	17:00:00"	8.55	96.2	30.4	18.89	6.52	95.8	31.91	15.31	88.4	89.1	-0.653	37.18	36.03	26.278	158.53	0
"2010-06-27	18:00:00"	9.96	122.4	14.38	18.3	7.564	124	16.3	14.72	86.5	87.3	-0.787	40.55	40.21	26.265	462.87	0
"2010-06-27	19:00:00"	7.463	84.5	20.43	14.12	5.91	85.1	22.93	11.14	89.5	90.4	-0.907	35.93	34.33	26.253	364.24	0
"2010-06-27	20:00:00"	7.35	81.5	37.54	26.05	5.55	80.6	39.91	21.28	88.4	88.5	-0.08	38.72	38.79	26.265	143.1	0.03
"2010-06-27	21:00:00"	13.32	66.02	44.98	29.63	9.36	69.2	43.88	21.28	77.89	76.65	1.241	55.33	60.84	26.298	44.145	0.03
"2010-06-27	22:00:00"	16.08	159.5	11.61	28.43	11.89	157.8	13.61	21.87	69.18	69.13	0.043	82.6	85.3	26.347	0.42736	0.07
"2010-06-27	23:00:00"	8.67	29.69	74.36	15.31	6.388	24.43	74.84	12.33	67.77	67.73	0.044	85.4	88.3	26.393	0	0
"2010-06-28	00:00:00"	7.459	33.01	22.09	11.74	5.055	35.43	24.9	9.35	69.99	69.41	0.582	78.04	82.3	26.432	0	0
"2010-06-28	01:00:00"	7.209	81.4	9.51	11.74	4.801	83.3	11.73	8.75	69.32	68.8	0.516	74.16	78.52	26.422	0	0
"2010-06-28	02:00:00"	6.841	100	13.52	12.33	4.696	100.8	16.85	9.35	68.74	68.41	0.329	73.19	76.71	26.388	0	0
"2010-06-28	03:00:00"	10.11	132	19.26	15.31	7.245	133.6	20.72	12.93	68.22	68.04	0.179	79.78	82.2	26.376	0	0
"2010-06-28	04:00:00"	6.905	346.1	33.21	11.74	4.766	346.4	31.96	8.75	68.15	67.85	0.296	81.3	84.3	26.42	0	0
"2010-06-28	05:00:00"	7.604	24.2	15.77	12.93	5.383	23.21	20.53	11.74	67.89	67.7	0.192	79.09	81.6	26.426	0	0
"2010-06-28	06:00:00"	6.472	42.46	10.11	10.54	4.706	43.52	12.84	8.16	67.29	67.13	0.168	84.2	86.4	26.422	0	0
"2010-06-28	07:00:00"	4.567	15.62	20.22	6.368	2.753	11.83	26.24	4.578	66.45	66.03	0.424	86.5	89.8	26.423	1.4723	0
"2010-06-28	08:00:00"	3.567	311.6	51.61	6.368	2.391	312.1	52.92	5.771	66.33	66.24	0.087	84.2	87.4	26.422	55.57	0
"2010-06-28	09:00:00"	6.938	330.6	37.34	12.33	5.135	330.1	35.99	9.95	68.95	69.21	-0.268	72.74	74.73	26.433	139.33	0
"2010-06-28	10:00:00"	11.39	352.7	16.16	17.1	8.44	350.4	17.74	15.31	73.03	73.77	-0.74	60.03	61.28	26.448	335.43	0
"2010-06-28	11:00:00"	12.21	20.31	11.74	19.49	9.14	20.67	17.88	15.91	74.97	75.97	-1.006	54.55	55.29	26.46	489.4	0
"2010-06-28	12:00:00"	11.2	37.72	17.15	21.28	8.56	39.39	20.8	18.3	77.18	78.7	-1.515	47.54	47.25	26.465	679.17	0
"2010-06-28	13:00:00"	16.06	41.48	13.37	24.26	11.91	43.68	16.58	21.28	77.57	79.33	-1.761	51.8	50.26	26.463	772.02	0
"2010-06-28	14:00:00"	15.95	40.12	14.45	24.26	11.96	42.62	18.28	20.68	78.44	80.5	-2.029	51.04	48.75	26.456	798.44	0
"2010-06-28	15:00:00"	17.88	47.42	14.88	29.03	13.52	49.31	16.98	22.47	78.39	80.8	-2.433	49.93	46.91	26.452	941.91	0
"2010-06-28	16:00:00"	16.78	52.89	16.67	25.45	12.81	54.5	18.28	21.87	78.96	81.4	-2.449	47.2	44.11	26.432	917.43	0
"2010-06-28	17:00:00"	17.41	41.93	13.4	29.63	12.95	44.04	16.14	23.07	80.1	82	-1.887	46.26	43.61	26.414	607.36	0
"2010-06-28	18:00:00"	18.04	53.28	12.58	27.84	13.55	54.61	14.94	23.07	78.49	80.1	-1.568	53.86	51.46	26.41	452.76	0
"2010-06-28	19:00:00"	18.4	61.7	11.58	27.84	13.84	62.66	13.85	24.26	77.68	78.9	-1.227	55.79	53.86	26.401	371.93	0
"2010-06-28	20:00:00"	16.51	65.14	12.31	26.05	12.28	65.45	14.7	20.09	76.48	77.37	-0.894	58.56	57.23	26.403	213.41	0
"2010-06-28	21:00:00"	14.98	64.52	10.51	23.66	11.05	65.27	13.44	17.7	75.11	75.28	-0.165	60.08	60.05	26.418	51.321	0
"2010-06-28	22:00:00"	10.7	54.97	10.04	17.1	7.873	55.31	12.5	12.33	72.32	72.14	0.179	68.5	69.48	26.437	0.41668	0
"2010-06-28	23:00:00"	8.95	48.71	8.76	13.52	6.618	49.37	11.27	10.54	70.96	70.87	0.089	74.17	75.27	26.46	0	0
"2010-06-29	00:00:00"	9.14	47.42	10.91	12.93	6.803	48.12	13.18	12.33	70.76	70.69	0.068	74.01	75.13	26.481	0	0
"2010-06-29	01:00:00"	8.87	57.43	8.91	14.12	6.613	58.56	11.3	11.14	69.63	69.52	0.107	78.73	79.91	26.49	0	0
"2010-06-29	02:00:00"	7.255	70.43	9.2	11.74	5.248	69.79	11.75	8.75	68.37	68.2	0.168	82.6	84.2	26.498	0	0
"2010-06-29	03:00:00"	6.824	59.41	15.06	10.54	4.925	59.11	16.69	9.35	68.61	68.54	0.073	80.8	82.3	26.495	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-06-29	04:00:00"	6.972	41.13	8.97	9.95	5.057	42.8	11.66	8.16	68.16	68.11	0.054	82.3	83.7	26.483	0
"2010-06-29	05:00:00"	7.951	46.58	8.48	11.14	5.805	47.56	11.18	9.35	68.34	68.19	0.149	82.1	83.6	26.479	0
"2010-06-29	06:00:00"	7.667	46.74	8.7	10.54	5.601	47.87	11.05	8.75	68.05	67.87	0.172	84	85.6	26.478	0
"2010-06-29	07:00:00"	8.39	44.38	9.3	12.33	6.327	45.47	11.92	10.54	68.35	68.32	0.029	83.4	84.7	26.484	0.81092
"2010-06-29	08:00:00"	10.01	39.14	10.47	15.31	7.556	40.9	14.02	12.93	68.73	68.91	-0.174	82.5	83.2	26.495	38.266
"2010-06-29	09:00:00"	12.3	44.29	11.52	18.89	9.2	45.6	13.9	15.91	69.41	69.76	-0.347	79.2	79.53	26.504	88.281
"2010-06-29	10:00:00"	15.76	45.34	10.11	23.66	11.72	46.67	12.87	19.49	69.44	70.17	-0.726	78.86	78.32	26.515	190.48
"2010-06-29	11:00:00"	15.34	54.15	10.36	22.47	11.38	54.97	13.07	18.3	69.32	69.89	-0.573	80.1	79.74	26.525	119.04
"2010-06-29	12:00:00"	13.86	48.49	12.6	20.68	10.48	49.32	14.77	17.7	69.48	70.61	-1.134	82.3	80.9	26.532	311.38
"2010-06-29	13:00:00"	15.88	60.01	10.73	24.26	11.93	60.58	13.75	21.87	71.98	73.19	-1.205	76.46	74.91	26.526	350.23
"2010-06-29	14:00:00"	15.12	89.8	17.98	22.47	11.26	90.5	19.2	17.1	72.29	73.17	-0.882	76.85	76.1	26.526	233.17
"2010-06-29	15:00:00"	12.12	88.2	14.14	18.89	9.08	88.2	16.06	16.51	69.99	70.66	-0.669	85.6	86.5	26.522	270.75
"2010-06-29	16:00:00"	11.02	55.01	14.39	30.82	8.33	55.62	16.46	21.28	69.83	70.55	-0.726	84.1	84.7	26.519	246.74
"2010-06-29	17:00:00"	5.344	23.54	20.01	9.35	3.929	23.08	23.48	6.964	67.76	68.18	-0.418	89.5	91	26.521	95.731
"2010-06-29	18:00:00"	9.4	32.06	12.5	15.31	6.867	33.48	16.6	12.33	69.23	69.48	-0.252	86.6	88.4	26.508	127.53
"2010-06-29	19:00:00"	11.48	16.75	12.19	17.7	8.3	16.71	19.07	14.72	70.15	70.66	-0.514	82.8	83.9	26.499	221.91
"2010-06-29	20:00:00"	10.62	16.88	10.77	15.31	7.557	15.96	17.14	12.93	71.62	71.85	-0.234	80.1	81.2	26.492	98.376
"2010-06-29	21:00:00"	7.754	84.5	44.18	17.7	5.614	84.4	44.09	12.93	71.85	71.85	-0.001	77.89	79.42	26.516	23.954
"2010-06-29	22:00:00"	7.932	64.79	9.05	12.93	5.45	64.64	11.75	10.54	70.57	70.1	0.47	82.6	85.7	26.523	0.30158
"2010-06-29	23:00:00"	9.61	42.31	14.05	13.52	6.797	44.27	16.04	11.14	68.93	68.62	0.306	87.6	90	26.532	0
"2010-06-30	00:00:00"	10.08	44.42	9.98	14.72	7.337	45.89	12.25	12.93	69.21	68.91	0.296	85.6	88	26.545	0
"2010-06-30	01:00:00"	11.51	62.73	9.92	17.7	8.41	63	12.55	15.31	68.8	68.54	0.259	84.8	87	26.55	0
"2010-06-30	02:00:00"	9.8	70.73	8.93	15.91	7.162	71.28	12.15	11.74	68.41	68.28	0.131	85.9	87.7	26.545	0
"2010-06-30	03:00:00"	9.25	71.93	9.43	14.72	6.673	71.87	12.55	12.33	68.24	68.23	0.011	87.7	89.2	26.541	0
"2010-06-30	04:00:00"	9.06	53.75	10.86	13.52	6.665	55.09	13.66	10.54	66.68	66.63	0.049	88.1	90	26.535	0.37417
"2010-06-30	05:00:00"	9.46	51.57	10.1	15.91	7.017	52.23	12.15	12.93	65.7	65.58	0.122	87.8	90.3	26.524	0.10032
"2010-06-30	06:00:00"	9.04	58.66	9.87	14.72	6.658	59.21	12.77	12.33	65.46	65.45	0.011	89.4	91.3	26.529	0
"2010-06-30	07:00:00"	9.6	49.58	11.28	15.31	7.12	50.91	13.49	12.93	65.61	65.65	-0.041	90.5	92.2	26.539	0.63672
"2010-06-30	08:00:00"	10.27	57.73	9.32	16.51	7.647	59	12.01	14.72	65.59	65.67	-0.082	90.2	91.8	26.551	15.164
"2010-06-30	09:00:00"	11.86	64.55	9.34	17.1	8.74	65.06	12.56	14.72	65.65	65.9	-0.251	90.2	91.5	26.571	66.247
"2010-06-30	10:00:00"	12.12	63.08	10.07	17.7	8.99	63.43	13.42	15.31	66.59	67.01	-0.413	88	88.9	26.578	120.1
"2010-06-30	11:00:00"	13.55	73.15	9.68	20.68	10	73.76	12.6	18.3	68.03	68.62	-0.591	84.9	85.5	26.586	195.11
"2010-06-30	12:00:00"	12.36	73.07	10.64	18.89	9.27	73.36	13.02	15.91	68.18	68.9	-0.725	85.7	86	26.589	228.18
"2010-06-30	13:00:00"	13.59	82.3	13.65	20.09	10.27	81.8	15.29	16.51	68.44	69.12	-0.684	87	87.6	26.585	289.63
"2010-06-30	14:00:00"	13.77	80.5	10.69	20.09	10.33	80.4	13.07	16.51	71.41	72.31	-0.905	78.63	78.93	26.571	381.92
"2010-06-30	15:00:00"	13.54	79.77	11.65	24.86	9.97	79.75	14.06	20.09	70.49	70.99	-0.504	81.7	82.8	26.559	223.8
"2010-06-30	16:00:00"	14.73	76.84	9.04	20.68	10.83	77.73	12.09	17.7	69.13	69.71	-0.583	87.1	88.6	26.552	363.59
"2010-06-30	17:00:00"	14.28	80.9	13.37	21.28	10.77	81	15.72	17.1	73.88	74.87	-0.989	72.98	73.55	26.537	538.81
"2010-06-30	18:00:00"	12.04	100.2	13.6	20.68	9.07	100	15.92	15.91	73.16	73.81	-0.648	75.89	76.56	26.528	255.23
"2010-06-30	19:00:00"	12.01	72.6	12.28	18.89	9.12	73.34	14.78	17.1	75.12	75.87	-0.749	69.69	69.98	26.516	342.54
"2010-06-30	20:00:00"	10.82	68.58	9.75	17.1	7.912	68.91	13.11	14.12	75.49	75.4	0.087	66.82	68.28	26.518	79.251
"2010-06-30	21:00:00"	8.27	72.88	14.88	11.74	5.843	73.02	16.11	9.35	74.2	73.75	0.446	69.97	72.24	26.523	15.919
"2010-06-30	22:00:00"	9.48	78.29	22.18	20.68	6.737	78.28	22.05	15.31	70.69	70.38	0.308	80.8	83	26.535	0.52651
"2010-06-30	23:00:00"	7.828	93.4	9.37	11.14	5.684	92.3	11.74	9.95	69.37	69.19	0.185	85.7	87.7	26.557	0
"2010-07-01	00:00:00"	6.511	81.4	7.525	9.95	4.391	79.46	10.25	7.561	69.13	68.75	0.382	85	87.9	26.572	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-01	01:00:00"	6.387	76.9	9	9.95	4.175	75.25	11.55	6.964	69.29	68.9	0.391	84	86.7	26.569	0
"2010-07-01	02:00:00"	6.647	74.63	9.62	11.74	4.619	74.06	12.54	9.35	69.43	69.14	0.298	83.9	86.2	26.562	0
"2010-07-01	03:00:00"	7.827	84.5	8.25	12.33	5.726	83.3	10.91	9.35	69.22	69.06	0.155	85.6	87.3	26.558	0
"2010-07-01	04:00:00"	7.856	86.7	9.04	14.12	5.651	85.8	11.11	11.74	68.57	68.5	0.064	88.8	90.2	26.549	0
"2010-07-01	05:00:00"	5.996	85	10.6	8.75	4.382	84.3	12.35	8.16	68.12	68.08	0.045	90.6	91.9	26.548	0
"2010-07-01	06:00:00"	6.519	99.2	9.05	9.95	4.868	99.2	11.26	8.75	68.22	68.21	0.012	90.5	91.8	26.557	0
"2010-07-01	07:00:00"	7.537	92.1	7.833	11.74	5.496	91.7	10.83	8.75	67.98	68.03	-0.051	90.3	91.5	26.57	0.37992
"2010-07-01	08:00:00"	7.84	92	7.549	11.14	5.833	91.1	10.61	8.75	67.73	67.82	-0.091	90.6	91.8	26.575	15.809
"2010-07-01	09:00:00"	8.93	94.3	8.78	12.33	6.615	93.5	11.41	10.54	68.09	68.25	-0.169	88.9	90.1	26.582	41.359
"2010-07-01	10:00:00"	8.36	95.4	13.39	12.33	6.394	94.2	16.3	9.95	69.21	69.68	-0.464	86.2	86.9	26.586	156.73
"2010-07-01	11:00:00"	8.41	79.04	14.02	12.93	6.509	79.38	15.27	11.74	70.78	71.45	-0.672	82.4	82.8	26.584	232.94
"2010-07-01	12:00:00"	7.287	80.1	14.14	11.74	5.703	80.1	15.46	9.95	72.54	73.22	-0.684	77.68	78.17	26.577	267.96
"2010-07-01	13:00:00"	9.6	90.8	15.29	14.72	7.304	90.2	17.47	12.93	73.94	74.69	-0.751	72.39	73.01	26.57	331.86
"2010-07-01	14:00:00"	10.9	98.4	10.73	16.51	8.31	98.8	13.94	12.93	74.22	74.92	-0.698	72.37	72.87	26.56	327.2
"2010-07-01	15:00:00"	10.93	79.48	13.22	17.1	8.32	79.52	16.5	14.12	75.3	76.22	-0.917	69.33	69.46	26.546	402.88
"2010-07-01	16:00:00"	11.36	92.3	13.58	17.7	8.54	91.7	15.49	14.72	76.24	77.05	-0.811	67.74	67.78	26.529	349.37
"2010-07-01	17:00:00"	12.4	89.9	12.85	17.7	9.24	90.2	14.96	15.31	76.47	77.31	-0.849	67.51	67.25	26.513	355.15
"2010-07-01	18:00:00"	14.21	98.3	16.21	23.07	10.58	98	18.66	18.89	76.3	77.04	-0.743	70.62	70.16	26.506	285.74
"2010-07-01	19:00:00"	12.23	117.1	10.9	26.65	8.98	117.4	14.16	23.07	74.44	74.75	-0.305	76.49	77.86	26.51	163.3
"2010-07-01	21:00:00"	10.66	108.7	10.34	17.1	7.8	108.9	13.61	14.72	68.53	68.17	0.363	91.6	93.4	26.535	7.2546
"2010-07-01	22:00:00"	10.68	109.8	8.45	16.51	7.722	109.5	12.22	12.93	68.88	68.39	0.495	90.8	92.5	26.531	1.2544
"2010-07-01	23:00:00"	10.84	105.6	8.44	18.89	7.888	105.2	12.06	14.72	68.94	68.37	0.577	89.7	91.4	26.546	0.27154
"2010-07-02	00:00:00"	9.89	102.1	8.1	14.72	7.351	101.5	11.41	12.33	68.76	68.71	0.047	90.6	92	26.551	0
"2010-07-02	01:00:00"	8.29	95.8	8.17	14.72	6.06	95	11.1	10.54	68.81	68.86	-0.052	91.2	92.5	26.544	0
"2010-07-02	02:00:00"	11.55	111.5	10.35	18.3	8.29	111.8	13.64	15.91	68.61	68.65	-0.043	91.5	92.8	26.536	0.58743
"2010-07-02	03:00:00"	10.7	117.8	8.35	15.91	7.721	118.2	12.4	13.52	68.2	68.22	-0.021	92.1	93.5	26.523	1.1265
"2010-07-02	04:00:00"	9.94	107.6	9.61	15.91	7.226	108	12.73	12.93	68.13	68.16	-0.03	92	93.4	26.51	1.2522
"2010-07-02	05:00:00"	9.12	109.3	8.2	14.72	6.584	109.1	12.11	10.54	68.03	68.07	-0.034	92.4	93.7	26.503	1.3757
"2010-07-02	06:00:00"	8.04	106.5	8.5	13.52	5.829	105.9	12.32	10.54	68.12	68.13	-0.012	92.2	93.6	26.497	1.3803
"2010-07-02	07:00:00"	8.23	91.9	9.55	12.33	5.741	91.3	11.91	9.35	67.84	67.86	-0.022	92.2	93.6	26.49	1.6071
"2010-07-02	08:00:00"	8.58	84.2	9.48	12.93	6.128	83.7	11.55	11.14	67.86	67.88	-0.018	92	93.5	26.489	14.798
"2010-07-02	09:00:00"	8.87	69.66	11.95	15.31	6.212	70.11	14.27	12.33	67.97	68.05	-0.081	92.5	93.8	26.489	27.758
"2010-07-02	10:00:00"	9.72	102.4	15.28	15.31	6.941	102.4	17.12	12.93	68.29	68.4	-0.111	92.5	93.9	26.492	59.172
"2010-07-02	11:00:00"	10.95	119.3	10.71	15.91	7.764	120	13.7	13.52	69.54	69.8	-0.268	90.2	91.9	26.489	203.99
"2010-07-02	12:00:00"	8.88	121.4	10.45	14.12	6.514	121.8	13.95	11.74	70.4	70.78	-0.386	88.2	89.8	26.485	213.1
"2010-07-02	13:00:00"	8.1	119.4	12.32	11.74	6.134	119.8	15.52	9.35	70.65	71.12	-0.467	88.3	89.9	26.479	246.08
"2010-07-02	14:00:00"	7.327	135.5	11.2	11.74	5.556	136.8	13.52	9.35	71.75	72.24	-0.499	85.8	87.2	26.466	279.06
"2010-07-02	15:00:00"	5.35	135.9	21.53	9.35	3.996	135.9	24.31	7.561	72.64	73.16	-0.511	82.9	84.2	26.447	262.2
"2010-07-02	16:00:00"	5.002	181.4	17.66	8.16	3.162	180	21.83	7.561	72.52	72.88	-0.356	86	87.5	26.429	224.54
"2010-07-02	17:00:00"	5.159	160.5	22.77	7.561	2.633	160.5	25.09	6.368	72.82	73.11	-0.293	83.8	85.4	26.414	172.25
"2010-07-02	18:00:00"	5.163	115.6	20.85	12.33	2.851	116.7	24.54	9.95	73.01	73.4	-0.393	80.6	81.9	26.402	166.62
"2010-07-02	19:00:00"	3.225	107.8	20.58	12.33	2.248	106.8	22.86	10.54	71.25	71.42	-0.171	88.3	89.9	26.395	62.678
"2010-07-02	20:00:00"	6.057	112.1	12.47	9.35	4.298	111.3	15.27	7.561	72.65	72.63	0.025	85.3	87.5	26.393	57.284
"2010-07-02	21:00:00"	4.88	111	18.3	6.964	2.775	109.6	20.39	5.771	72.31	72.2	0.113	86.9	88.9	26.394	10.886
"2010-07-02	22:00:00"	4.961	133.6	9.25	7.561	2.504	132	11.32	5.771	71.62	71.34	0.274	87	89.4	26.394	0.19534

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-02	23:00:00"	7.415	131.9	7.985	11.74	5.136	131.9	10.55	9.35	71.3	71.15	0.149	88.1	89.8	26.406	0
"2010-07-03	00:00:00"	7.875	132.5	7.85	11.74	5.5	132.9	10.46	9.35	70.54	70.48	0.061	90.4	91.7	26.411	0
"2010-07-03	01:00:00"	8.02	132	8.31	11.14	5.728	132.8	10.61	8.75	70.04	70.04	-0.005	91.6	92.8	26.405	0.15893
"2010-07-03	02:00:00"	7.786	134.6	12.68	14.72	5.564	135.7	13.6	11.14	69.96	69.96	0	91.9	93.2	26.399	0.6931
"2010-07-03	03:00:00"	6.256	183.9	14.38	15.31	4.5	186.6	18.2	11.74	67.41	67.55	-0.132	91.9	93.3	26.389	1.1614
"2010-07-03	04:00:00"	3.695	182.3	20.12	6.964	2.172	181.6	24.33	5.771	67.12	67.25	-0.129	93	94.3	26.381	1.2687
"2010-07-03	05:00:00"	3.048	116.7	16.96	5.175	1.249	112.1	19.61	4.578	67.48	67.55	-0.071	93.1	94.4	26.368	1.0493
"2010-07-03	06:00:00"	5.651	122.3	16.06	9.35	3.822	121.7	19.95	7.561	68.13	68.08	0.054	93.1	94.5	26.362	1.2256
"2010-07-03	07:00:00"	9.98	129.1	8.2	15.31	7.06	130.3	11.03	12.93	69.28	69.18	0.1	92	93.5	26.356	1.3933
"2010-07-03	08:00:00"	10.17	134.2	9.35	16.51	7.17	135	11.24	12.93	69.56	69.49	0.078	91.7	93.2	26.36	12.936
"2010-07-03	09:00:00"	10.61	141.1	9.64	17.1	7.789	141.3	11.33	14.12	70.14	70.1	0.044	90.8	92.2	26.37	33.956
"2010-07-03	10:00:00"	10.47	139.9	10.73	16.51	7.665	140.5	12.13	13.52	70.11	70.18	-0.073	90.7	92.1	26.38	72.263
"2010-07-03	11:00:00"	10.23	135.2	9.82	15.91	7.571	135.9	11.88	12.33	70.23	70.48	-0.251	90.9	92.4	26.373	163.66
"2010-07-03	12:00:00"	11.17	147.4	11.32	17.7	8.52	145.7	12.69	13.52	70.9	71.21	-0.313	89.6	91	26.366	208.3
"2010-07-03	13:00:00"	12.09	137.9	12.9	20.09	9.06	137.7	14.21	15.91	71.48	71.88	-0.404	88.7	90.1	26.354	281.04
"2010-07-03	14:00:00"	14.64	126.7	9.57	21.87	10.66	127.9	12.58	18.3	70.5	70.98	-0.48	90.2	91.4	26.347	229.56
"2010-07-03	15:00:00"	12.66	102.8	17.32	21.28	9.51	102.8	19.9	16.51	69.73	70.13	-0.395	91.1	92.4	26.332	164.52
"2010-07-03	16:00:00"	13.14	105.5	11.78	27.24	9.86	105.9	14.59	21.28	69.74	70.07	-0.326	92.2	93.3	26.312	155.44
"2010-07-03	17:00:00"	12.29	141.7	38.85	31.42	9.16	141.4	39.7	24.26	70.24	70.51	-0.271	92.1	92.9	26.297	91.898
"2010-07-03	18:00:00"	18.86	159.6	9.13	28.43	14.18	157.8	11.03	22.47	72.07	72.22	-0.153	87.9	88.8	26.286	115.6
"2010-07-03	19:00:00"	15.78	160.5	8.31	24.86	11.81	159.7	10.85	20.09	72.12	72.15	-0.029	88.1	89.3	26.282	71.613
"2010-07-03	20:00:00"	14.61	160.8	8.65	24.86	10.9	159	11.11	18.3	71.97	71.88	0.088	87.6	89.1	26.277	21.194
"2010-07-03	21:00:00"	13.68	161.9	7.931	23.07	10.14	159.9	10.84	17.7	72.32	72.17	0.149	86.3	87.8	26.285	6.6077
"2010-07-03	22:00:00"	13.51	163.2	7.887	23.07	10.05	161.7	10.44	18.89	72.17	72.05	0.116	87.1	88.4	26.299	0.03018
"2010-07-03	23:00:00"	13.73	172.4	8.75	24.26	9.98	172.4	12.29	17.7	71.13	71.11	0.021	90.2	91.3	26.309	0.87148
"2010-07-04	00:00:00"	9.97	171.2	8.59	15.31	7.259	170.6	11.67	11.74	71.28	71.17	0.104	90.9	92.3	26.323	0.51052
"2010-07-04	01:00:00"	14.44	170.8	8.56	23.07	10.58	169.9	11.99	18.89	71.45	71.36	0.091	91.1	92.3	26.308	0.17603
"2010-07-04	02:00:00"	16.04	172.9	8.91	24.26	11.84	172.7	12.68	20.09	71.66	71.58	0.086	90.5	91.6	26.291	0
"2010-07-04	03:00:00"	13.2	175.2	8.48	20.68	9.74	174.4	12.57	17.7	71.69	71.6	0.086	90.1	91.2	26.289	0
"2010-07-04	04:00:00"	11.17	171	8.39	16.51	8.32	170	11.51	13.52	71.53	71.46	0.077	90	91.1	26.282	0
"2010-07-04	05:00:00"	8.23	152.6	14.4	13.52	6.024	152.2	15.87	10.54	71.35	71.28	0.066	90	91.2	26.285	0
"2010-07-04	06:00:00"	9.99	151.3	8.55	15.31	7.403	150	10.51	12.33	71.19	71.13	0.061	89.7	90.9	26.291	0
"2010-07-04	07:00:00"	11.68	164.6	10.38	18.3	8.71	163.6	12.46	15.31	71.11	71.07	0.047	89.7	90.8	26.301	0.33856
"2010-07-04	08:00:00"	11.09	180.8	9.39	17.1	8.09	180.8	13.46	14.12	71.26	71.24	0.025	89.7	90.8	26.311	18.994
"2010-07-04	09:00:00"	8.6	180.5	10.44	12.93	6.305	178.8	13.97	9.95	71.7	71.87	-0.166	88.3	89.2	26.325	106.36
"2010-07-04	10:00:00"	8.76	161.3	13.04	12.93	6.858	159.2	14.71	10.54	73.21	73.76	-0.547	83.8	84.5	26.328	317.69
"2010-07-04	11:00:00"	10.82	148.3	13.23	17.1	8.48	147.8	14.08	14.12	74.5	75.06	-0.562	80.9	81.7	26.326	358.63
"2010-07-04	12:00:00"	9.65	149.8	11.67	15.31	7.485	148.9	13.48	13.52	75.34	76.07	-0.72	78.13	78.86	26.331	397.36
"2010-07-04	13:00:00"	9.25	154	13.17	15.31	7.075	152.7	16.04	14.12	76.51	77.22	-0.711	76.32	77.1	26.337	406.96
"2010-07-04	14:00:00"	7.431	167.4	24.7	13.52	5.929	165.7	25.41	12.33	78.74	79.65	-0.914	70.62	71.37	26.324	803.34
"2010-07-04	15:00:00"	8.02	144.4	29.93	15.91	6.469	144.1	34.61	12.33	80.6	81.7	-1.131	65.45	66.14	26.319	878.14
"2010-07-04	16:00:00"	7.553	144.7	23.48	13.52	6.064	144.3	29.45	12.93	81.8	82.8	-0.928	62.25	63.17	26.306	819.17
"2010-07-04	17:00:00"	8.03	142.8	19.12	14.72	6.377	143	21.13	12.33	82.6	83.4	-0.768	61.05	62.32	26.297	611.11
"2010-07-04	18:00:00"	9.96	149.4	16.27	17.1	7.623	149.7	18.47	14.12	82.9	83.4	-0.514	62	63.36	26.285	418.41
"2010-07-04	19:00:00"	10.92	163.7	18.56	17.7	8.25	163.5	20.71	14.72	82.5	82.8	-0.344	64.34	65.35	26.278	337.9

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-04	20:00:00"	12.27	143.3	9.13	18.3	8.95	143.1	11.37	15.31	81.3	81.4	-0.034	67.4	68.68	26.279	156.29	0	
"2010-07-04	21:00:00"	13.57	144.1	8.2	19.49	9.95	144	10.13	15.91	78.93	78.77	0.158	71.44	72.79	26.296	54.292	0	
"2010-07-04	22:00:00"	12.59	146.6	8.1	20.09	9.2	146	10.3	15.91	75.58	75.33	0.252	78.96	80.5	26.307	0.68547	0	
"2010-07-04	23:00:00"	14.7	146.9	8.32	22.47	10.9	146	10.36	17.7	72.88	72.79	0.085	86.3	87.5	26.317	0	0	
"2010-07-05	00:00:00"	13.71	171.1	12.8	23.07	9.98	170.6	15.8	17.7	71.65	71.64	0.008	87.6	88.8	26.337	0	0	
"2010-07-05	01:00:00"	14.9	180.3	8.89	23.66	10.88	180.6	13.15	18.89	71.45	71.47	-0.02	86.3	87.4	26.346	0	0	
"2010-07-05	02:00:00"	13.06	174.7	8.55	24.26	9.57	174.1	12.18	17.7	70.45	70.43	0.02	88.7	89.9	26.331	0	0	
"2010-07-05	03:00:00"	9.89	167.4	9.31	16.51	7.298	166.6	12.45	12.93	69.61	69.58	0.035	90.8	92	26.312	0	0	
"2010-07-05	04:00:00"	10.84	173.2	8.45	17.7	8.05	172.5	12.15	14.72	69.52	69.57	-0.054	91.7	92.8	26.302	0	0	
"2010-07-05	05:00:00"	12.09	173.2	8.58	19.49	9.05	172.8	12.21	15.91	69.63	69.71	-0.081	91.6	92.6	26.29	0	0	
"2010-07-05	06:00:00"	13.95	169.3	9.35	21.87	10.45	168.3	12.49	17.1	69.96	70.02	-0.066	90.8	91.8	26.291	0	0	
"2010-07-05	07:00:00"	13.88	162.8	8.27	21.87	10.46	161.3	11.15	17.1	70.15	70.22	-0.075	90.2	91.2	26.303	0.652	0	
"2010-07-05	08:00:00"	13.53	169.3	9.62	21.28	9.95	168.7	12.85	17.7	70.51	70.59	-0.072	89.3	90.3	26.316	31.974	0	
"2010-07-05	09:00:00"	13.57	177	10.72	22.47	10.11	176.6	14.96	17.7	71.23	71.45	-0.218	86.9	87.7	26.327	109.81	0	
"2010-07-05	10:00:00"	12.81	180.7	13.55	20.09	9.55	179.8	16.7	15.91	73.29	73.85	-0.567	80.5	81.1	26.335	366.4	0	
"2010-07-05	11:00:00"	9.82	208.5	19.72	15.31	7.61	210.6	24.01	12.93	74.64	75.68	-1.034	77.19	77.37	26.339	538.95	0	
"2010-07-05	12:00:00"	6.541	236.5	32.86	12.33	5.203	238.8	36.01	11.74	76.35	77.3	-0.955	74.67	74.82	26.339	609.55	0	
"2010-07-05	13:00:00"	3.012	229.7	58.25	8.16	2.618	227.9	65.15	8.16	78.46	79.17	-0.718	69.82	70.05	26.34	823.79	0	
"2010-07-05	14:00:00"	2.822	293.3	83.1	8.16	2.471	291.3	81.2	7.561	80.9	81.8	-0.898	64.66	64.65	26.333	1013.4	0	
"2010-07-05	15:00:00"	3.627	157.9	63.29	8.16	3.207	161.3	68.93	7.561	83	83.8	-0.805	59.8	59.98	26.325	967.35	0	
"2010-07-05	16:00:00"	5.238	121.9	48.5	12.93	4.453	123.8	53.58	10.54	85.4	86.3	-0.978	52.74	53.3	26.315	949.25	0	
"2010-07-05	17:00:00"	6.069	138.9	33.44	16.51	4.925	138.1	38.67	12.33	86.9	87.8	-0.884	48.35	48.83	26.304	863.8	0	
"2010-07-05	18:00:00"	8.14	130.6	24.45	15.91	6.281	130.9	25.93	12.33	88	88.8	-0.732	43.52	44.58	26.293	661.92	0	
"2010-07-05	19:00:00"	14.17	126.2	12.8	21.28	10.32	126.2	15.56	17.1	85	85.5	-0.429	58.8	59.2	26.287	315.62	0	
"2010-07-05	20:00:00"	14.85	128.9	9.89	20.68	10.78	129.7	13.03	17.1	81.4	81.8	-0.425	68.25	68.37	26.301	216.24	0	
"2010-07-05	21:00:00"	13.52	131.8	9.49	20.09	9.73	132.6	11.91	15.91	76.62	76.73	-0.116	75.49	76.4	26.319	55.143	0	
"2010-07-05	22:00:00"	8.75	138.7	8.48	17.7	6.094	138.4	11.42	14.12	72.8	72.51	0.289	77.97	80.4	26.345	0.73687	0	
"2010-07-05	23:00:00"	8.66	141.8	8.31	12.33	5.91	141.4	9.91	9.95	70.98	70.65	0.33	82.1	84.6	26.36	0	0	
"2010-07-06	00:00:00"	7.165	119.3	16.28	10.54	4.766	117.2	19.63	7.561	70.21	69.85	0.361	85.7	88.1	26.381	0	0	
"2010-07-06	01:00:00"	7.11	99.2	11.3	9.35	4.826	96	13.84	7.561	69.28	69.06	0.224	89.1	91	26.395	0	0	
"2010-07-06	02:00:00"	6.746	81.2	15.26	10.54	4.734	78.05	17.84	8.16	68.61	68.48	0.135	91.4	92.9	26.395	0	0	
"2010-07-06	03:00:00"	5.242	73.78	8.53	6.964	2.059	70.11	11.26	5.175	68.27	68.05	0.223	92.3	93.8	26.397	0	0	
"2010-07-06	04:00:00"	4.008	98.8	11.93	6.368	1.012	91.6	16.29	2.789	68.38	68.15	0.228	93	94.2	26.395	0.15724	0	
"2010-07-06	05:00:00"	5.383	125.2	8.71	8.16	2.319	124.8	11.86	5.771	68.73	68.53	0.203	93.1	94.4	26.393	0.62531	0	
"2010-07-06	06:00:00"	5.274	108.2	23.96	7.561	3.271	104	28.29	5.771	68.71	68.5	0.208	92.7	94	26.398	0.58526	0	
"2010-07-06	07:00:00"	6.19	102	15.59	9.35	4.101	100.4	19.96	7.561	68.56	68.5	0.061	93.3	94.6	26.411	1.1043	0	
"2010-07-06	08:00:00"	3.434	107.2	19.37	6.964	1.883	102.9	20.65	5.175	69.39	69.43	-0.036	93.2	94.4	26.418	33.729	0	
"2010-07-06	09:00:00"	5.579	99.6	10.84	8.75	3.868	98.7	13.16	6.368	70.66	70.79	-0.138	91.4	92.8	26.431	93.567	0	
"2010-07-06	10:00:00"	6.865	122	13.77	11.14	4.825	122.1	16.56	9.35	71.78	72.11	-0.334	87.6	88.9	26.441	171.75	0	
"2010-07-06	11:00:00"	8.27	147.3	12.35	11.74	6.392	146.9	14.42	9.95	72.94	73.45	-0.51	81.1	82.2	26.445	278.67	0	
"2010-07-06	12:00:00"	8.11	155.5	14.92	12.93	6.405	155.6	16.23	11.14	74.46	75.09	-0.628	76.1	77	26.449	369.35	0	
"2010-07-06	13:00:00"	5.634	160.4	22	9.35	4.358	160.9	24.58	8.75	74.97	75.45	-0.474	73.1	74.3	26.453	249.89	0	
"2010-07-06	14:00:00"	5.196	142.3	30.13	11.14	4.133	144.2	34.71	9.35	76.22	76.86	-0.638	70.04	70.82	26.442	459.98	0	
"2010-07-06	15:00:00"	6.636	131.6	25.57	12.33	5.245	131.3	29.03	11.74	77.9	78.55	-0.644	65.68	66.66	26.428	443.86	0	
"2010-07-06	16:00:00"	8.5	143.6	20.82	14.72	6.557	143.2	22.69	11.74	78.51	79.08	-0.568	63.3	64.63	26.411	417.55	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-06	17:00:00"	9.38	145.9	12.15	15.91	7.039	145.5	13.94	14.12	79.81	80	-0.223	53.5	55.83	26.39	364.61	0	
"2010-07-06	18:00:00"	10.32	145.6	14.8	17.1	7.788	145.5	15.95	14.12	81.1	81.6	-0.453	47.37	49.34	26.376	523.29	0	
"2010-07-06	19:00:00"	12.75	161.9	12.58	20.09	9.67	159.8	14.64	15.31	80.7	81	-0.376	47.23	48.66	26.377	427.34	0	
"2010-07-06	20:00:00"	12.28	145.3	11.35	18.89	8.99	145	13.19	15.91	80	80.1	-0.066	52.17	53.76	26.379	216.7	0	
"2010-07-06	21:00:00"	10.35	144.3	7.968	20.09	7.201	143.1	10.35	14.72	77.84	77.21	0.636	55.7	58.65	26.394	56.527	0	
"2010-07-06	22:00:00"	7.042	133.8	7.048	9.35	3.662	130.3	9.96	5.771	74.94	73.01	1.935	64.82	72.1	26.404	0.45078	0	
"2010-07-06	23:00:00"	5.824	127	8.87	6.964	1.868	111.2	22.52	3.982	74.35	72.14	2.206	67.35	75.52	26.425	0	0	
"2010-07-07	00:00:00"	5.384	117.7	9.81	6.964	1	93	16.11	1	74.52	72.51	2.003	68.22	77.34	26.438	0	0	
"2010-07-07	01:00:00"	5.7	79.27	15.85	6.964	1.608	59.14	13.89	3.982	73.51	71.43	2.085	72.74	81.9	26.438	0	0	
"2010-07-07	02:00:00"	6.028	74.13	6.658	8.16	2.143	68.31	11.53	5.175	71.4	70.19	1.205	78.43	84.4	26.432	0	0	
"2010-07-07	03:00:00"	5.343	58.45	11.63	8.16	2.884	55.8	15.12	5.175	69.87	68.47	1.407	80.7	86.6	26.429	0	0	
"2010-07-07	04:00:00"	5.33	45.34	20.86	8.75	1.879	30.07	14.6	6.368	69.81	67.62	2.188	78.67	86.8	26.427	0	0	
"2010-07-07	05:00:00"	6.623	18.55	7.69	10.54	4.059	19.51	14.17	7.561	67.52	66.94	0.583	85.7	89.1	26.427	0	0	
"2010-07-07	06:00:00"	5.812	37.31	14.25	8.16	3.816	40.48	16.9	6.368	66.52	66.1	0.428	87.1	90.3	26.428	0	0	
"2010-07-07	07:00:00"	6.186	29.11	13.03	9.35	3.458	28.69	15.67	6.964	65.68	65.13	0.551	87.6	91.1	26.435	1.0192	0	
"2010-07-07	08:00:00"	7.062	35.46	10.16	10.54	4.933	36.99	14.3	8.16	66.51	66.43	0.086	86.1	88.7	26.453	29.594	0	
"2010-07-07	09:00:00"	8.31	53.94	13.14	12.33	6.25	54.92	15.19	9.95	68.9	69.1	-0.197	79.09	81.1	26.465	153.57	0	
"2010-07-07	10:00:00"	6.769	53.24	13.99	10.54	5.143	54.69	17.67	9.35	72.73	73.7	-0.964	72.57	73.06	26.476	436.76	0	
"2010-07-07	11:00:00"	3.193	109.7	70.43	8.75	2.088	116.8	74.82	6.964	76	76.72	-0.725	66.39	66.81	26.473	665.84	0	
"2010-07-07	12:00:00"	3.834	84.4	47.84	12.33	2.656	80.8	55.47	9.95	77.89	78.75	-0.855	61.46	61.75	26.478	663.2	0	
"2010-07-07	13:00:00"	5.53	138.4	25.94	9.95	3.857	139.9	27.7	8.75	78.88	79.42	-0.549	59.36	60.37	26.483	421.54	0	
"2010-07-07	14:00:00"	4.947	142.3	46.27	11.74	3.798	146.3	53.87	10.54	79.76	80.3	-0.576	58.43	58.88	26.476	530.89	0	
"2010-07-07	15:00:00"	7.912	150.6	28.96	20.09	5.849	150.5	32.02	15.31	80.4	81.4	-0.989	55.98	56.29	26.463	687.68	0	
"2010-07-07	16:00:00"	9.99	195.5	18.13	17.7	7.561	197.2	22.23	14.12	78.81	79.85	-1.039	61.74	61.9	26.448	526.53	0	
"2010-07-07	17:00:00"	9.77	196.9	73.66	24.86	7.497	203.6	76.88	18.89	79.58	80.7	-1.118	54.72	54.81	26.443	711.6	0	
"2010-07-07	18:00:00"	15.84	57.41	11.32	22.47	11.65	58.91	13.94	18.89	74.76	75.34	-0.58	63.2	63.98	26.448	260.37	0	
"2010-07-07	19:00:00"	16.29	82.2	11.01	26.65	11.86	82.1	13.2	20.09	74.6	74.95	-0.354	66.33	67.16	26.448	172.26	0	
"2010-07-07	20:00:00"	17.44	65.56	10.9	24.86	12.71	66.41	13.47	21.87	71.79	72.01	-0.221	80.2	80.8	26.46	52.967	0	
"2010-07-07	21:00:00"	11.57	62.56	10.67	19.49	8.39	63.69	13.12	16.51	69.73	69.82	-0.097	84.1	85.4	26.481	11.481	0	
"2010-07-07	22:00:00"	8.46	59.38	9.99	15.31	6.063	59.27	12.43	12.33	69.28	69.05	0.224	79.01	81.8	26.49	0.1715	0	
"2010-07-07	23:00:00"	8.8	64.52	13.81	15.31	6.341	65.37	15.47	12.93	68.92	68.62	0.304	81.5	84.6	26.503	0	0	
"2010-07-08	00:00:00"	12.46	85.9	7.965	18.3	8.93	86.1	10.73	15.91	69.77	69.49	0.278	78.58	81.3	26.513	0	0	
"2010-07-08	01:00:00"	12.84	95.3	8.78	18.3	9.38	95	11.57	14.12	69.72	69.61	0.103	82.1	83.8	26.512	0	0	
"2010-07-08	02:00:00"	8.3	74.95	10.37	12.93	6.023	74.95	13	9.95	69.1	69.06	0.041	87.3	88.8	26.512	0	0	
"2010-07-08	03:00:00"	5.533	66.92	11.41	9.35	3.925	65.67	13.28	7.561	68.54	68.5	0.037	90.4	91.9	26.508	0	0	
"2010-07-08	04:00:00"	5.937	35.62	21.32	9.95	4.386	33.91	22.86	8.75	68.73	68.74	-0.007	89.8	91.4	26.515	0	0	
"2010-07-08	05:00:00"	7.81	21.37	8.83	12.33	5.54	22.28	14.83	9.35	68.13	68.09	0.04	90.7	92.3	26.516	0.04638	0.01	
"2010-07-08	06:00:00"	9.69	29.35	7.755	13.52	6.853	30.68	13.45	11.14	68	67.96	0.043	91.4	92.9	26.513	0	0	
"2010-07-08	07:00:00"	8.07	32.8	8.56	12.33	5.806	34.74	13.54	11.14	67.84	67.8	0.034	90.8	92.5	26.528	0.54943	0	
"2010-07-08	08:00:00"	6.191	28.87	11.88	9.35	4.229	30.21	16.64	7.561	66.79	66.71	0.076	85.9	88.4	26.538	18.313	0	
"2010-07-08	09:00:00"	7.79	24.24	10.33	12.33	5.606	24.87	16.58	11.14	67.73	68.04	-0.313	87	88.5	26.544	113.2	0	
"2010-07-08	10:00:00"	11.79	38.03	10.46	18.3	8.81	39.35	14.67	15.31	69.84	70.54	-0.702	85.2	85.5	26.56	239.1	0	
"2010-07-08	11:00:00"	12	42.8	14.03	17.1	9.11	44.99	17.19	14.72	71.19	72.3	-1.116	81	80.7	26.565	428.96	0	
"2010-07-08	12:00:00"	12.35	37.93	11.73	18.3	9.15	40.12	15.85	14.72	71.03	71.81	-0.781	82.2	82.7	26.569	300.18	0.03	
"2010-07-08	13:00:00"	12.09	46.03	14.56	18.89	8.96	47.77	17.09	15.31	71.54	71.83	-0.285	81.2	83.8	26.569	289.56	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-07-08	14:00:00"	12.24	48.77	14.46	17.7	9.28	50.24	16.55	15.31	73.87	74.91	-1.033	73.46	74.47	26.559	592.49	0
"2010-07-08	15:00:00"	13.06	57.73	18.4	19.49	9.92	58.81	21.28	16.51	76.09	77.69	-1.599	69.46	69.35	26.54	843.77	0
"2010-07-08	16:00:00"	11.01	55.04	18.96	18.89	8.58	56.6	21.09	15.31	77.14	78.77	-1.628	67.69	67.13	26.524	811.39	0
"2010-07-08	17:00:00"	10.37	58.24	15.95	15.91	7.961	59.6	18.26	12.93	77.88	78.79	-0.917	64.47	64.95	26.508	429.8	0
"2010-07-08	18:00:00"	11.59	78.65	17.25	22.47	8.81	79.79	19.52	22.47	78.91	80.2	-1.272	62.8	62.56	26.495	623.73	0
"2010-07-08	19:00:00"	10.48	75.34	12.56	15.31	7.816	75.92	15.22	12.33	78.95	79.64	-0.689	61.7	62.23	26.487	348.52	0
"2010-07-08	20:00:00"	11.28	66.03	14	22.47	8.31	66.9	16.01	18.3	77.88	77.97	-0.092	65.88	66.98	26.489	123.02	0
"2010-07-08	21:00:00"	9.56	47.39	12.97	16.51	7.007	48.13	14.85	12.93	74.2	74.13	0.069	73.67	75.09	26.504	16.488	0
"2010-07-08	22:00:00"	8.82	62.03	10.39	13.52	6.49	63.13	12.47	9.95	73.12	72.94	0.175	78.41	80	26.524	0.29382	0
"2010-07-08	23:00:00"	8.75	60.77	11.66	14.12	6.302	61.77	13.32	10.54	71.49	71.28	0.203	80.4	82.2	26.54	0	0
"2010-07-09	00:00:00"	8.35	51.68	9.3	12.93	5.952	53.01	11.86	9.95	70	69.86	0.139	82.2	83.9	26.561	0	0
"2010-07-09	01:00:00"	8.8	60.04	9.03	12.33	6.396	60.7	11.79	10.54	69.67	69.58	0.089	87.4	88.8	26.564	0	0
"2010-07-09	02:00:00"	7.708	52.69	12.34	12.93	5.588	53.73	14.6	10.54	69.18	69.13	0.043	89.7	91	26.562	0	0
"2010-07-09	03:00:00"	5.944	61.27	12.44	9.95	4.284	60.71	14.79	8.16	68.64	68.6	0.033	91.9	93.1	26.551	0	0
"2010-07-09	04:00:00"	6.542	27.24	11.92	9.95	4.815	27.94	17	8.75	68.48	68.52	-0.035	92	93.3	26.544	0	0
"2010-07-09	06:00:00"	7.425	50.32	9.42	10.54	5.512	50.68	11.68	9.35	68.34	68.34	-0.001	90.1	91.4	26.55	0	0
"2010-07-09	07:00:00"	8.06	45.11	9.26	11.14	5.935	47	11.99	9.95	68.17	68.11	0.06	90.3	91.8	26.554	0.67725	0
"2010-07-09	08:00:00"	8.53	41.65	10.86	12.93	6.337	43.05	13.63	10.54	68.55	68.68	-0.128	90	91.3	26.559	48.08	0
"2010-07-09	09:00:00"	10.74	42.41	11.66	17.1	7.962	44.47	14.84	14.12	69.59	69.99	-0.396	85.9	86.6	26.568	138.29	0
"2010-07-09	10:00:00"	11	45.64	12.53	15.31	8.22	46.7	15.88	13.52	70.5	71.08	-0.576	82.5	83.1	26.578	194.24	0
"2010-07-09	11:00:00"	12.27	52.87	19.59	18.3	8.98	54.08	21.89	15.91	71.14	72.08	-0.933	79.63	79.77	26.579	378.19	0
"2010-07-09	12:00:00"	12.88	64.97	11.83	19.49	9.72	66.05	14.99	17.1	73.09	74.49	-1.401	73.69	73.22	26.579	587.92	0
"2010-07-09	13:00:00"	12.9	61.33	13.93	19.49	9.79	62.99	16.58	16.51	74.76	76.22	-1.466	69.88	69.39	26.573	653.25	0
"2010-07-09	14:00:00"	12.23	73.16	11.49	17.7	9.17	74.06	14.49	14.72	75.3	76.57	-1.268	70.14	69.85	26.563	507.69	0
"2010-07-09	15:00:00"	12.23	60.76	16.22	21.87	9.33	61.66	18.44	17.1	76.64	77.89	-1.25	67.34	66.99	26.544	564.44	0
"2010-07-09	16:00:00"	11.75	68.46	11.44	18.89	8.79	69.51	14.71	15.31	77.11	77.84	-0.727	66.85	67.23	26.533	332.72	0
"2010-07-09	17:00:00"	11.39	81.4	9.23	18.89	8.4	82.1	12.27	14.72	75.81	76.24	-0.424	70.5	71.58	26.526	213.71	0
"2010-07-09	18:00:00"	9.95	144	10.2	17.7	7.611	143.8	12.01	14.12	73.08	73.84	-0.752	83.1	82.9	26.518	161.25	0
"2010-07-09	19:00:00"	10	96.6	16.87	14.72	7.198	96.7	18.72	12.33	73.49	73.85	-0.362	82	83.2	26.51	144.86	0
"2010-07-09	20:00:00"	10.68	63.26	23.49	20.09	7.752	64.32	24.35	14.72	73.38	73.57	-0.184	78.71	79.68	26.52	71.971	0
"2010-07-09	21:00:00"	9.85	54.23	16.47	14.72	7.159	54.93	18.33	12.93	71.26	71.39	-0.13	84.7	85.6	26.535	14.824	0
"2010-07-09	22:00:00"	12.02	71.06	9.32	18.3	8.7	72.39	12.35	14.12	70.45	70.48	-0.029	86.1	87.2	26.547	0.3329	0
"2010-07-09	23:00:00"	9.3	67.07	8.97	14.12	6.631	67.93	11.96	11.74	69.56	69.55	0.007	87	88.4	26.556	0	0
"2010-07-10	00:00:00"	9.05	64.22	9.52	14.12	6.716	65.27	11.92	11.74	69.7	69.7	0.002	89	90.2	26.559	0	0
"2010-07-10	01:00:00"	8.28	85.3	10.65	12.93	5.919	85	12.98	11.14	69.97	70.06	-0.089	91	92	26.561	0	0
"2010-07-10	02:00:00"	6.089	82.5	8.75	10.54	4.181	81.5	11.04	8.75	69.97	69.99	-0.018	91.1	92.2	26.555	0	0
"2010-07-10	03:00:00"	6.79	107.3	9.56	10.54	3.767	107.8	12.67	8.16	69.33	69.4	-0.064	91.9	92.9	26.555	0	0
"2010-07-10	04:00:00"	5.748	128.7	9.2	9.95	3.731	130.2	11.67	8.16	68.77	68.8	-0.024	91.6	92.8	26.547	0	0
"2010-07-10	05:00:00"	4.157	115.1	9.96	6.368	1	112.9	14.1	1	68.28	68.32	-0.044	92.7	93.8	26.539	0.57528	0.01
"2010-07-10	06:00:00"	4.603	127.5	10.87	6.964	1	127.7	13.56	1	68.16	68.21	-0.057	92.6	94	26.543	0.57844	0
"2010-07-10	07:00:00"	3.877	104.2	18.98	5.771	1	101.2	21.36	1	68.32	68.43	-0.102	92.2	93.5	26.549	0.55257	0
"2010-07-10	08:00:00"	4.398	103.6	18.8	6.964	1	102.7	21.72	1	68.6	68.76	-0.161	91.8	93.1	26.552	31.04	0
"2010-07-10	09:00:00"	5.866	127.4	16.85	9.35	2.585	127.3	18.84	8.16	69.38	69.76	-0.379	90.5	91.6	26.561	111.06	0
"2010-07-10	10:00:00"	7.417	147.4	11.99	10.54	5.562	146.8	13.68	8.75	69.92	70.27	-0.351	89.2	90.2	26.569	99.097	0
"2010-07-10	11:00:00"	8	164.1	11.71	12.33	6.197	162.9	14.57	11.14	71.51	72.18	-0.678	85.1	85.5	26.568	305.33	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-10	12:00:00"	10.19	170	11.87	16.51	7.952	167.9	15.73	14.12	73.39	74.25	-0.858	79.14	79.18	26.562	386.1	0	
"2010-07-10	13:00:00"	8.28	176	19.19	15.31	6.507	175.6	23.67	12.33	75.1	75.98	-0.881	74.16	74.14	26.552	458.35	0	
"2010-07-10	14:00:00"	7.602	174.2	16.77	20.68	5.948	173.9	20.82	16.51	74.11	74.7	-0.581	78.88	80.2	26.542	307.52	0.01	
"2010-07-10	15:00:00"	6.925	152.1	26.41	14.72	5.398	151.6	27.37	11.14	75.55	76.04	-0.488	77.42	78.82	26.528	287.42	0	
"2010-07-10	16:00:00"	6.055	246.8	50.06	10.54	4.712	248.8	50.94	9.35	77.21	77.88	-0.673	73.73	74.5	26.507	452.26	0.01	
"2010-07-10	17:00:00"	10.33	186.1	15.87	17.1	7.713	186	19.59	12.93	79.24	79.76	-0.525	64.89	65.94	26.486	382.07	0	
"2010-07-10	18:00:00"	10.56	171.9	11.98	18.89	7.91	170.8	14.96	15.31	80.1	80.6	-0.489	61.31	62.18	26.472	377.59	0	
"2010-07-10	19:00:00"	10.21	168.9	12.78	15.31	7.658	168.1	15.32	12.93	80.1	80.4	-0.348	61.39	62.3	26.451	266.32	0	
"2010-07-10	20:00:00"	9.06	162.6	10.93	14.72	6.623	161.4	13.2	13.52	79.82	79.79	0.025	61.91	63.38	26.441	137.28	0	
"2010-07-10	21:00:00"	7.846	167.5	12	11.74	5.418	166.3	14.99	9.35	78.23	77.75	0.475	65.8	68.16	26.438	26.336	0	
"2010-07-10	22:00:00"	7.354	150.8	9.47	9.95	4.776	148.2	10.95	6.964	75.89	75.31	0.581	72.03	74.8	26.446	0.21999	0	
"2010-07-10	23:00:00"	9.14	149.1	8.86	13.52	6.295	148.1	10.65	9.35	74.47	74.12	0.351	75.84	77.87	26.452	0	0	
"2010-07-11	00:00:00"	10.82	164.4	9.9	15.91	7.735	163.5	12.36	12.33	73.75	73.5	0.253	78.42	79.95	26.458	0	0	
"2010-07-11	01:00:00"	11.61	176.1	8.92	16.51	8.26	175.3	13	12.93	73.2	72.94	0.26	80.8	82.3	26.461	0	0	
"2010-07-11	02:00:00"	10.57	187.4	8.41	16.51	7.267	187.8	12.97	11.14	72.49	72.27	0.223	83.5	84.9	26.453	0	0	
"2010-07-11	03:00:00"	12.96	189.6	8.21	18.89	9.2	190.4	13.19	15.31	72	71.91	0.094	84	85.2	26.439	0	0	
"2010-07-11	04:00:00"	12.95	193.5	8.55	20.68	9.19	194.2	13.41	15.31	71.34	71.3	0.04	85.1	86.2	26.431	0	0	
"2010-07-11	05:00:00"	9.76	191	9.13	15.91	6.836	191	13.29	11.74	70.59	70.53	0.06	86.9	88.1	26.427	0	0	
"2010-07-11	06:00:00"	7.701	184.2	8.71	11.74	5.447	184.1	12.56	9.35	70.14	70.07	0.074	87.8	89.2	26.419	0	0	
"2010-07-11	07:00:00"	7.931	178	8.2	11.74	5.76	177.3	12.04	9.35	69.94	69.88	0.058	87.1	88.6	26.418	0.30311	0	
"2010-07-11	08:00:00"	8.43	175.1	8.11	13.52	6.084	174.3	11.87	11.14	69.64	69.67	-0.024	87.3	88.6	26.424	30.467	0	
"2010-07-11	09:00:00"	8.99	175.6	8.8	12.93	6.822	174.4	13.07	11.14	70.66	71.07	-0.408	85.4	86	26.431	158.04	0	
"2010-07-11	10:00:00"	8.71	175.7	17.39	14.72	6.876	174.8	20.97	11.74	74.16	75.16	-0.997	78.36	78.01	26.431	490.67	0	
"2010-07-11	11:00:00"	11.83	194.5	12.51	17.1	8.84	195	16.89	13.52	76.91	78.22	-1.306	72.56	71.77	26.42	634.43	0	
"2010-07-11	12:00:00"	11.91	203.4	12.53	18.89	8.84	204.5	17.02	14.72	80.3	81.8	-1.505	66.3	65.31	26.417	821.85	0	
"2010-07-11	13:00:00"	13.6	215.9	13.76	20.09	10.18	219.1	17.97	18.3	82.6	84	-1.326	60.29	59.52	26.41	761.96	0	
"2010-07-11	14:00:00"	12.87	214.9	16.38	19.49	9.86	217.5	20.77	15.31	84.2	85.7	-1.491	56.23	55.32	26.394	925.86	0	
"2010-07-11	15:00:00"	10.88	214.9	17.75	18.3	8.47	217.3	22.03	14.72	85.9	87.5	-1.602	52.89	51.77	26.372	938.66	0	
"2010-07-11	16:00:00"	11.24	197.7	19.52	20.68	8.51	197.8	24.23	16.51	87.1	88.3	-1.2	50.45	49.8	26.349	805.12	0	
"2010-07-11	17:00:00"	10.91	200.2	17.68	17.7	8.2	201.1	22.33	14.72	88.3	89.4	-1.11	46.96	46.36	26.332	742.92	0	
"2010-07-11	18:00:00"	11.38	188	14.95	18.89	7.704	186.6	18.65	14.72	88.2	88.8	-0.6	47.06	47.19	26.316	488.1	0	
"2010-07-11	19:00:00"	10.86	187.4	15.75	17.7	6.134	187.1	19.57	15.31	87.7	87.7	-0.02	47.9	48.7	26.303	277.86	0	
"2010-07-11	20:00:00"	8.58	183.4	13.02	15.31	4.649	182.4	16.82	12.33	86.3	85.6	0.745	50.7	53.18	26.289	99.688	0	
"2010-07-11	21:00:00"	7.449	152.1	9.84	12.93	1.473	147.7	11.42	8.75	83.7	82.1	1.548	57.72	63.3	26.299	21.495	0	
"2010-07-11	22:00:00"	8.72	138.5	9.5	11.74	4.981	137.6	11.39	8.16	80.6	79.78	0.818	64.3	66.71	26.315	0.16222	0	
"2010-07-11	23:00:00"	8.18	157.4	11.26	11.74	5.28	155.9	13.32	8.16	78.45	77.78	0.667	68.51	70.81	26.336	0	0	
"2010-07-12	00:00:00"	6.117	166.3	28.22	10.54	4.154	168.2	37.48	8.16	76.96	76.56	0.395	73.16	74.86	26.344	0	0	
"2010-07-12	01:00:00"	7.472	278.1	36.88	23.66	5.063	284.9	37.96	21.28	76.5	75.94	0.56	74.53	77.01	26.378	0	0	
"2010-07-12	02:00:00"	6.919	239.3	89.4	14.72	2.78	232.8	91.3	9.95	71.71	71.47	0.241	79.98	83	26.359	0	0	
"2010-07-12	03:00:00"	7.248	294.2	32.02	15.31	4.006	298.2	29.79	10.54	71.76	71.34	0.429	82.9	86.4	26.357	0	0.02	
"2010-07-12	04:00:00"	9.56	326.7	16.8	17.1	6.437	327.6	18.26	12.93	70.39	70.17	0.224	86.6	89.2	26.355	0.00297	0.02	
"2010-07-12	05:00:00"	6.758	348.9	23.47	12.93	4.342	348.5	24.55	10.54	69.66	69.58	0.083	88.1	90.6	26.351	0.45452	0.04	
"2010-07-12	06:00:00"	8.17	19.87	13.59	12.93	5.607	20.61	19.02	11.74	68.98	68.91	0.072	89.6	91.7	26.334	0.78163	0	
"2010-07-12	07:00:00"	5.94	37.96	24.6	9.35	1.864	39.68	27.51	8.16	68.87	68.81	0.057	90.3	92.2	26.342	0.57326	0	
"2010-07-12	08:00:00"	6.689	77.48	10.56	9.95	1.33	77.54	12.87	7.561	68.56	68.62	-0.07	90.7	92.5	26.346	21.9	0.01	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-12	09:00:00"	7.525	85.7	8.61	10.54	5.507	85.7	11.41	9.35	68.87	68.97	-0.095	86.7	89.2	26.354	79.071	0	
"2010-07-12	10:00:00"	6.758	115.1	16.65	10.54	4.877	115.1	18.79	8.16	69.45	69.75	-0.301	87.1	88.8	26.356	120.96	0	
"2010-07-12	11:00:00"	3.999	87.3	22.58	8.16	1.578	90.5	27.74	6.964	71.24	71.9	-0.657	82.5	83.5	26.36	349.72	0	
"2010-07-12	12:00:00"	4.183	141.5	32.9	8.75	1.367	142.4	38.62	5.175	74.74	75.57	-0.823	76.33	76.77	26.355	613.17	0	
"2010-07-12	13:00:00"	4.243	195.3	44.81	9.95	2.462	196.2	52.18	8.75	77.54	78.34	-0.804	72.82	72.94	26.348	632.97	0	
"2010-07-12	14:00:00"	6.004	243	23.83	11.74	1.676	247.3	27.13	9.35	79.5	80.6	-1.075	67.52	67.56	26.34	710.72	0	
"2010-07-12	15:00:00"	6.349	213.1	30.64	11.74	1.085	215.1	35.25	6.368	81	81.8	-0.82	64.71	64.88	26.322	521	0	
"2010-07-12	16:00:00"	7.298	199.4	26.41	13.52	1.608	201.3	31.78	9.95	82.5	83.5	-1.049	62.3	62.02	26.311	716.53	0	
"2010-07-12	17:00:00"	8.25	207	20.46	14.12	1.611	210.4	25.46	10.54	83.5	84.2	-0.733	59.03	59.42	26.296	473.82	0	
"2010-07-12	18:00:00"	8.31	203.7	15.89	12.93	1.585	205.5	21.27	9.95	84.8	85.6	-0.829	54.32	54.57	26.281	592.81	0	
"2010-07-12	19:00:00"	6.287	201.5	21.24	11.74	1.078	201.8	25.98	7.561	85.4	86	-0.552	51.61	52.05	26.267	422.66	0	
"2010-07-12	20:00:00"	3.782	209.7	34.17	8.16	1	210.3	37.92	1	85.3	85.3	-0.002	51.44	52.96	26.259	211.38	0	
"2010-07-12	21:00:00"	4.846	167.8	8.57	8.16	1	163.4	12.07	1.596	83.9	82.6	1.275	56.34	62.97	26.272	52.272	0	
"2010-07-12	22:00:00"	6.491	156.9	4.699	9.35	1	148.7	11.18	1	81	78.41	2.588	62.01	71.13	26.286	0.36617	0	
"2010-07-12	23:00:00"	6.94	158.8	5.895	9.35	1	154.1	11.11	1	78.3	76.03	2.265	68.74	76.16	26.306	0	0	
"2010-07-13	00:00:00"	7.217	162.4	9.11	11.74	1.673	162.9	15.17	8.16	76.3	74.82	1.482	73.35	78.57	26.327	0	0	
"2010-07-13	01:00:00"	6.858	187.7	15.81	11.74	4.182	191	21.91	8.16	74.55	73.73	0.822	80.4	83.4	26.338	0	0	
"2010-07-13	02:00:00"	3.22	210.8	14.33	5.771	1.257	210.8	48.74	3.386	74.34	72.84	1.496	81.8	85.9	26.336	0	0	
"2010-07-13	03:00:00"	4.575	169.3	15.49	8.16	1.694	145.3	32.02	5.771	73.75	71.99	1.751	82.6	87.7	26.337	0	0	
"2010-07-13	04:00:00"	5.928	168.2	12.6	10.54	3.372	170	16.42	6.368	71.68	70.76	0.926	85.1	88.5	26.326	0	0	
"2010-07-13	05:00:00"	6.644	181.2	10.38	9.95	3.863	184.6	15.76	6.964	70.96	70.09	0.871	86.3	89.3	26.32	0	0	
"2010-07-13	06:00:00"	5.53	201.3	7.995	7.561	2.929	211.1	12.55	4.578	70.39	69.5	0.889	89.5	91.7	26.321	0	0	
"2010-07-13	07:00:00"	4.392	183.9	9.42	5.771	1.226	189.9	15.82	2.789	70.44	69.45	0.999	92.2	93.4	26.325	2.4575	0	
"2010-07-13	08:00:00"	2.903	174.9	14.69	5.175	1.001	181.8	27.23	1.596	70.49	70.02	0.473	93.6	94.5	26.333	58.607	0	
"2010-07-13	09:00:00"	5.058	190.9	13.01	11.74	3.377	193	16.86	9.35	71.71	72.05	-0.341	94	94.6	26.341	174.16	0	
"2010-07-13	10:00:00"	5.857	202.1	27.85	11.14	4.709	202.4	32.68	9.95	73.27	73.8	-0.535	91.8	91.6	26.351	267.65	0	
"2010-07-13	11:00:00"	3.316	211.8	73.81	6.964	1.505	213.9	78.43	6.368	77.22	77.98	-0.758	83.3	82.7	26.347	661.33	0	
"2010-07-13	12:00:00"	5.64	114.9	21.05	11.74	1.509	115.1	23.39	7.561	81.2	82.3	-1.132	72.95	71.7	26.35	814.65	0	
"2010-07-13	13:00:00"	6.414	115.4	25.46	14.12	1.45	114.7	30.06	11.14	84.6	85.9	-1.266	63.25	62.07	26.351	908.82	0	
"2010-07-13	14:00:00"	6.044	120.9	24.04	15.31	1.192	120.7	28.83	6.964	87.2	88.4	-1.219	51.65	50.65	26.345	967.96	0	
"2010-07-13	15:00:00"	6.319	122.6	29.63	11.74	1.169	127.6	33.79	6.964	88.9	90.2	-1.244	44.99	44.14	26.333	945.66	0	
"2010-07-13	16:00:00"	6.677	101.1	30.44	12.93	1.345	100	36.95	10.54	90.2	91.3	-1.121	40.52	40.02	26.319	913.83	0	
"2010-07-13	17:00:00"	6.877	113.7	30.91	16.51	1.45	114	35.27	12.33	90.7	91.9	-1.114	40.93	40.28	26.308	805.33	0	
"2010-07-13	18:00:00"	7.951	117.8	18.25	16.51	1.769	117.9	22.47	10.54	90.7	91.6	-0.849	45.45	44.79	26.305	571.63	0	
"2010-07-13	19:00:00"	11.1	114.3	11.85	19.49	3.125	115	14.91	13.52	89.6	90.2	-0.57	51.98	51.49	26.303	418.99	0	
"2010-07-13	20:00:00"	9.88	131.2	10.86	14.72	3.048	132	13.22	11.74	88.8	88.8	0.005	53.83	54.26	26.308	196.21	0	
"2010-07-13	21:00:00"	9.33	133	7.583	15.31	6.311	133.1	10.17	11.14	86	85.4	0.605	60.12	61.44	26.319	47.888	0	
"2010-07-13	22:00:00"	8.23	140	6.781	11.14	5.161	139	8.94	7.561	82.3	81.3	1.002	67.2	69.8	26.34	0.54955	0	
"2010-07-13	23:00:00"	9.4	151.8	9.18	15.31	6.378	150.2	10.97	12.33	79.99	79.47	0.514	73.19	74.56	26.356	0	0	
"2010-07-14	00:00:00"	10.71	163.1	7.747	15.31	7.733	161.3	10.51	12.93	78.51	78.35	0.161	81.9	82.4	26.374	0	0	
"2010-07-14	01:00:00"	10.49	168.4	8.63	17.7	7.578	168	11.96	13.52	76.52	76.4	0.114	85.7	86.3	26.382	0	0	
"2010-07-14	02:00:00"	9.44	170.5	8.94	15.31	6.7	170.3	12.1	12.93	74.7	74.64	0.059	89.8	90.4	26.387	0	0	
"2010-07-14	03:00:00"	10.9	170.3	8.42	18.89	7.891	170.1	11.81	14.12	74.47	74.48	-0.009	89.6	90.1	26.391	0	0	
"2010-07-14	04:00:00"	8.72	161.5	10.24	14.12	6.316	160.8	12.57	11.14	73.7	73.6	0.094	90.8	91.5	26.389	0	0	
"2010-07-14	05:00:00"	6.266	156.1	12.27	9.35	4.17	154.4	14.44	6.964	73.26	73.01	0.25	91.4	92.3	26.395	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-14	06:00:00"	7.455	163.4	9.89	11.74	5.457	163.1	12.38	8.75	73.74	73.8	-0.054	91.3	91.9	26.394	0
"2010-07-14	07:00:00"	8.87	179.6	9.35	15.31	6.486	179.8	13.45	11.74	74.08	74.16	-0.077	90.9	91.3	26.403	0.35302
"2010-07-14	08:00:00"	9.22	172.6	9.85	14.72	6.864	171.8	13.55	11.74	74.33	74.48	-0.153	89.7	90	26.416	16.767
"2010-07-14	09:00:00"	10.14	172.7	8.92	15.91	7.506	171.4	12.83	12.33	74.28	74.57	-0.297	88.8	88.9	26.43	53.563
"2010-07-14	10:00:00"	10.25	178.7	10.97	15.31	7.563	178.1	15.3	13.52	74.97	75.38	-0.404	86.5	86.4	26.446	113.72
"2010-07-14	11:00:00"	10.99	181.5	13.96	15.31	8.32	180.3	17.48	13.52	76.95	77.73	-0.786	81.7	81	26.447	381.5
"2010-07-14	12:00:00"	10.87	175.1	14.18	16.51	4.96	173.5	18.29	14.12	81	82.4	-1.437	73.8	72.12	26.446	791.74
"2010-07-14	13:00:00"	10.69	184.7	18.16	18.3	7.242	184.6	23.15	14.72	84.4	85.9	-1.508	65.63	63.97	26.441	894.03
"2010-07-14	14:00:00"	10.37	189.9	19.48	19.49	7.988	191.2	24.31	17.7	87	88.5	-1.5	60.1	58.51	26.437	942.06
"2010-07-14	15:00:00"	9.98	186	21.06	19.49	7.716	186.6	25.61	18.89	89.3	90.7	-1.436	54.66	53.16	26.422	921.41
"2010-07-14	16:00:00"	10.88	176.9	15.76	17.1	8.39	176	19.59	14.12	90.9	92.2	-1.291	50.76	49.32	26.413	882.89
"2010-07-14	17:00:00"	11.04	177.3	19.25	18.3	8.41	176.8	22.91	14.12	92.4	93.4	-1.026	46.69	45.62	26.399	774.1
"2010-07-14	18:00:00"	12.14	181.1	14.59	17.1	8.74	180.7	18.7	15.31	93.1	93.8	-0.624	44.09	43.58	26.386	612.73
"2010-07-14	19:00:00"	12.35	170.1	12.19	18.89	8.84	168.8	14.87	15.31	92.9	93.2	-0.237	44.73	44.34	26.379	408.9
"2010-07-14	20:00:00"	14.32	157.5	11.07	21.87	10.54	156.5	12.97	18.3	91.4	91.3	0.059	49.62	49.21	26.38	200.73
"2010-07-14	21:00:00"	13.1	154	7.834	21.87	9.46	152.8	10.13	16.51	88	87.7	0.311	57.71	57.69	26.393	41.127
"2010-07-14	22:00:00"	12.38	161.6	8.46	18.3	8.94	160.5	11.19	15.31	84.2	83.8	0.317	65.84	66.06	26.407	0.24858
"2010-07-14	23:00:00"	12.66	163.9	8.33	20.09	9.17	162.8	11.33	15.91	81.3	81.1	0.215	70.87	71.2	26.429	0
"2010-07-15	00:00:00"	10.9	167.2	8.18	16.51	7.853	166.2	11.48	14.12	78.37	78.15	0.217	74.9	75.61	26.447	0
"2010-07-15	01:00:00"	10.17	174.3	8.33	14.72	7.159	174.1	12.04	11.74	75.91	75.6	0.312	79.06	80.2	26.441	0
"2010-07-15	02:00:00"	9.23	186.2	8.87	15.91	6.137	187.2	13.02	12.33	74.27	73.91	0.361	83.8	85.2	26.446	0
"2010-07-15	03:00:00"	8.48	182.3	9.47	13.52	4.462	183.4	14.02	10.54	73.45	73.12	0.336	85.6	87	26.46	0
"2010-07-15	04:00:00"	14.35	34.67	80.6	31.42	8.88	31.46	80.3	24.26	73.33	73.08	0.25	82.1	83.4	26.5	0
"2010-07-15	05:00:00"	12.93	45.31	19.99	23.66	8.72	46.67	22.3	18.89	72.01	71.72	0.287	72.02	73.59	26.515	0
"2010-07-15	06:00:00"	9.5	104.7	10.36	13.52	6.489	104	13.74	10.54	70.55	70.23	0.323	76.75	78.72	26.479	0
"2010-07-15	07:00:00"	5.922	86.4	17.59	11.14	1.625	78.8	20.69	8.75	69.68	68.83	0.851	79.95	83.3	26.491	0.42572
"2010-07-15	08:00:00"	6.396	87.8	17.54	8.75	3.635	84	20.74	6.368	69.09	68.78	0.312	85	87.1	26.502	38.618
"2010-07-15	09:00:00"	10.14	141.8	17.29	18.3	7.571	141.6	18.9	13.52	73.25	73.63	-0.385	81	81.2	26.508	207.12
"2010-07-15	10:00:00"	8.12	128.5	13.82	14.12	6.098	128	16.85	12.33	76.12	76.64	-0.527	75.04	75.31	26.538	263.46
"2010-07-15	11:00:00"	6.845	162.9	15.22	11.74	5.301	160.4	17.68	9.95	77.82	78.36	-0.542	69.86	70.1	26.545	329.01
"2010-07-15	12:00:00"	9.06	162.9	13.02	16.51	7.104	162.5	16.47	12.93	79.51	80.4	-0.922	66.6	66.1	26.548	518.69
"2010-07-15	13:00:00"	7.529	155.8	22.99	14.12	4.769	154.9	26.31	11.14	81.5	82.3	-0.84	61.95	61.8	26.54	567.67
"2010-07-15	14:00:00"	6.281	115.1	22.65	11.14	1.001	116	26.61	1.596	83.9	84.9	-0.976	57.17	56.77	26.531	577.06
"2010-07-15	15:00:00"	9.65	117.2	13.61	14.72	3.147	117.5	17.11	11.14	85.4	86	-0.613	53.89	54.15	26.512	455.01
"2010-07-15	16:00:00"	12.2	121.3	9.02	18.89	8.49	121.9	12.78	14.72	85.5	85.1	0.357	53.26	54.91	26.485	211.48
"2010-07-15	17:00:00"	11.07	122.6	12.26	16.51	5.927	123.2	15.37	12.93	88	88.3	-0.269	45.62	46.29	26.473	576.01
"2010-07-15	18:00:00"	12.06	105.2	9.99	17.7	4.33	104.5	13.69	14.12	89.7	90.2	-0.531	39.75	39.77	26.467	589.19
"2010-07-15	19:00:00"	11.54	128.4	10.14	17.7	5.137	129.3	13.4	14.12	89	89.2	-0.172	41.36	41.87	26.466	376.1
"2010-07-15	20:00:00"	7.886	144.6	8.22	15.91	3.214	142.5	11.7	10.54	87.1	86.2	0.86	45.14	47.75	26.475	99.614
"2010-07-15	21:00:00"	6.708	126.8	9.92	8.75	1.514	121	14.3	5.175	82.9	81.4	1.477	57.87	62.27	26.481	21.889
"2010-07-15	22:00:00"	7.788	111.3	10.82	9.95	1.269	103	15.82	5.175	79.31	77	2.315	61.77	68.28	26.486	0.14595
"2010-07-15	23:00:00"	8.27	120.9	7.533	10.54	2.683	117.1	12.22	6.368	77.15	75.43	1.72	66.12	70.89	26.505	0
"2010-07-16	00:00:00"	7.306	127.7	7.86	11.74	4.283	121.3	13.54	7.561	74.92	73.61	1.303	70.97	74.84	26.52	0
"2010-07-16	01:00:00"	6.409	120	6.79	8.75	1.341	102.3	12.59	3.982	73.46	71.43	2.035	74.94	80.9	26.538	0
"2010-07-16	02:00:00"	8.12	143.6	9.8	11.74	2.14	141.1	12.29	8.16	73.75	73.09	0.656	76.08	78.54	26.534	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10						Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-16	03:00:00"	7.343	155.6	9.3	12.93	1	153.3	11.72	1	72.98	72.5	0.487	79.65	81.6	26.523	0	0	
"2010-07-16	04:00:00"	6.456	159.8	8.05	8.75	1	158	11.27	1	72.27	71.34	0.934	80.8	84	26.52	0	0	
"2010-07-16	05:00:00"	5.954	133.7	19.3	9.35	1	127.3	24.45	1	71.58	70.95	0.626	83	85.6	26.52	0	0	
"2010-07-16	06:00:00"	4.991	149.8	14.29	9.35	1	150.5	22.16	1	71.9	71.35	0.547	83.7	86	26.517	0	0	
"2010-07-16	07:00:00"	3.798	131	25.05	8.16	1	123	34.16	1	71.5	70.95	0.553	84.4	86.7	26.523	0.2012	0	
"2010-07-16	08:00:00"	4.075	70.52	50.42	10.54	1	52.92	52.95	1	71.67	70.81	0.857	84	88.4	26.54	16.863	0	
"2010-07-16	09:00:00"	3.469	80.1	90	9.35	1	80.5	87.6	1	71.63	71.64	-0.001	87.8	90.2	26.569	62.561	0	
"2010-07-16	10:00:00"	5.46	170.5	65.29	13.52	2.79	167.4	66.62	9.35	73.84	74.11	-0.273	80.4	81.9	26.575	197.3	0	
"2010-07-16	11:00:00"	9.64	134.3	13.12	14.12	6.493	134.9	15.37	11.14	76.6	77.38	-0.778	70.32	70.99	26.567	504	0	
"2010-07-16	12:00:00"	7.344	151.9	22.7	12.93	2.657	151.5	25.81	9.95	79.54	80.6	-1.103	60.89	60.71	26.561	753.18	0	
"2010-07-16	13:00:00"	7.695	159.6	21.08	13.52	2.965	159.1	22.95	11.14	82.3	83.6	-1.311	52.13	51.49	26.553	904.22	0	
"2010-07-16	14:00:00"	8.52	149	20.67	16.51	1.745	149.9	23.36	9.95	84.8	86.2	-1.489	43.81	43.02	26.547	993.66	0	
"2010-07-16	15:00:00"	8.5	164.6	30.03	16.51	4.066	164.9	33.52	13.52	87	88.3	-1.228	33.91	33.56	26.531	864.7	0	
"2010-07-16	16:00:00"	9.72	165.9	19.94	17.7	3.117	166.4	22.11	12.93	87.7	88.9	-1.247	33.73	33.44	26.507	878.96	0	
"2010-07-16	17:00:00"	9.22	152	14.63	17.7	2.367	151.9	16.19	15.91	87.8	88.7	-0.873	35.6	35.31	26.499	631.07	0	
"2010-07-16	18:00:00"	8.15	152.4	21.23	15.31	1.7	150.9	24.4	11.74	88.6	89.5	-0.907	34.15	33.7	26.488	641.9	0	
"2010-07-16	19:00:00"	9.04	149.6	13.46	15.91	1.818	148.9	15.62	11.14	88.5	89	-0.497	33.85	33.98	26.472	411.27	0	
"2010-07-16	20:00:00"	9.71	147.4	9.65	17.1	2.561	146.6	11.55	10.54	87.3	87.2	0.156	35.74	36.46	26.473	209.99	0	
"2010-07-16	21:00:00"	6.781	154.2	6.045	11.74	1.001	148.5	11.03	2.789	84.7	82.9	1.758	40.71	45.97	26.487	55.767	0	
"2010-07-16	22:00:00"	6.679	138.7	11.27	9.35	1	123	10.7	1	81.6	78.41	3.163	46.35	55.24	26.494	0.19411	0	
"2010-07-16	23:00:00"	7.944	126.1	7.873	10.54	1	118.3	13.39	1	77.91	75.69	2.222	54.06	59.92	26.515	0	0	
"2010-07-17	00:00:00"	8.34	135.7	9.7	11.74	1.954	132.6	12.97	7.561	76.02	74.65	1.364	62.45	66.01	26.525	0	0	
"2010-07-17	01:00:00"	8.11	162.7	7.725	11.74	4.61	160.9	10.84	8.16	74.18	73.25	0.922	67.52	70.36	26.526	0	0	
"2010-07-17	02:00:00"	7.131	163.1	6.165	9.95	2.416	160.7	10.04	6.964	72.5	71.39	1.107	71.31	74.95	26.53	0	0	
"2010-07-17	03:00:00"	7.527	174	7.982	10.54	1.857	170.8	11.97	6.368	72.17	70.14	2.034	71.27	77.26	26.531	0	0	
"2010-07-17	04:00:00"	7.465	178.6	10.3	9.95	1.724	177.5	19.56	5.771	70.67	68.85	1.821	73.85	79.39	26.532	0	0	
"2010-07-17	05:00:00"	5.614	193	8.42	7.561	1	201.9	13.96	1	69.38	67.32	2.06	76.73	82.3	26.534	0	0	
"2010-07-17	06:00:00"	6.084	182.8	5.829	9.35	1.242	186.4	9.35	4.578	69.35	67.05	2.302	76.96	83.1	26.526	0	0	
"2010-07-17	07:00:00"	6.063	177.7	7.75	8.16	1.169	173.6	16.14	3.982	69.46	66.65	2.811	76.8	83.5	26.534	0.77106	0	
"2010-07-17	08:00:00"	7.513	178.5	8.31	11.74	4.052	177.9	12.49	8.75	68.17	67.2	0.966	81.7	85.4	26.545	62.977	0	
"2010-07-17	09:00:00"	7.923	185.5	10.37	12.33	2.209	185.4	14.69	8.75	70.45	70.9	-0.45	80.1	80.7	26.556	248.64	0	
"2010-07-17	10:00:00"	12.31	190.5	11.54	18.89	7.606	190.9	16.56	15.31	74.86	75.68	-0.819	70.43	70.32	26.566	457.17	0	
"2010-07-17	11:00:00"	11.32	184.9	13.51	18.3	7.194	183.9	18.39	14.12	77.56	78.77	-1.205	61.84	61.47	26.568	656.78	0	
"2010-07-17	12:00:00"	10.2	179.8	18.18	17.1	3.089	179.8	22.75	12.33	80.3	81.6	-1.377	50.66	50.27	26.565	819.35	0	
"2010-07-17	13:00:00"	10.68	173.4	17.81	18.3	3.127	172.5	21.95	13.52	83.3	84.7	-1.457	42.07	41.5	26.553	927.93	0	
"2010-07-17	14:00:00"	12.1	169.3	14.83	22.47	3.603	169	17.95	14.12	85.7	87.2	-1.498	34.93	34.3	26.541	978.7	0	
"2010-07-17	15:00:00"	12.13	172.6	16.08	21.28	3.775	171.9	19.63	14.72	87.6	89.2	-1.528	30.31	29.74	26.523	963.16	0	
"2010-07-17	16:00:00"	10.92	172.2	19.33	20.68	6.485	172.3	22.82	18.89	88.5	89.9	-1.368	30.19	29.43	26.498	920.66	0	
"2010-07-17	17:00:00"	10.28	160.9	27.51	17.7	5.273	160.9	29.61	14.12	89.1	90.3	-1.268	30.16	29.49	26.482	804.98	0	
"2010-07-17	18:00:00"	10.28	154.2	15.57	20.09	2.574	153.9	17.78	13.52	89.4	90.4	-0.966	28.45	27.92	26.467	641.9	0	
"2010-07-17	19:00:00"	10.26	155.7	16.87	17.1	4.106	155.1	18.36	12.93	89.1	89.6	-0.5	28.45	28.42	26.458	423.87	0	
"2010-07-17	20:00:00"	10.34	151.1	13.68	14.72	5.503	150.4	14.3	12.93	87.7	87.5	0.204	31.33	31.75	26.45	202.03	0	
"2010-07-17	21:00:00"	8.26	135.2	7.673	11.74	1.755	133.7	10.53	8.16	84.1	82.8	1.308	39.33	41.8	26.457	52.436	0	
"2010-07-17	22:00:00"	9.12	135.3	7.126	11.74	1.556	132.7	10.1	6.964	79.85	77.88	1.966	45.1	49.12	26.472	0.66335	0	
"2010-07-17	23:00:00"	9.35	128.6	8.04	12.33	2.882	124.7	12.56	8.16	76.46	74.66	1.8	47.41	51.72	26.499	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-18	00:00:00"	10.55	139.9	8.55	14.72	4.308	137.8	11.1	9.95	75.13	73.69	1.439	46.77	50.04	26.513	0
"2010-07-18	01:00:00"	10.09	156.4	7.384	13.52	3.191	154.7	9.72	9.35	73.67	72.56	1.103	51.9	54.65	26.518	0
"2010-07-18	02:00:00"	9.53	160.1	6.719	12.93	1.148	157.3	9.69	6.964	70.95	69.89	1.057	59.65	62.68	26.518	0
"2010-07-18	03:00:00"	8.73	169.6	8.21	11.74	1.632	167.7	11.34	6.964	68.84	67.46	1.386	68.2	72.17	26.511	0
"2010-07-18	04:00:00"	5.045	212.2	17.32	9.35	1	233.8	26.55	1	68.18	65.77	2.41	71.71	77.32	26.507	0
"2010-07-18	05:00:00"	4.785	214.5	9.27	7.561	1	234.6	14.14	1	69.08	66.47	2.617	72.24	77.78	26.498	0
"2010-07-18	06:00:00"	6.006	175.6	15.38	8.75	1	161.6	30.03	1	68.36	64.82	3.546	75.72	82.2	26.492	0
"2010-07-18	07:00:00"	7.604	159.8	8.87	10.54	1	159.1	14.01	1	66.2	64.08	2.124	82.3	87.3	26.492	0.85467
"2010-07-18	08:00:00"	7.576	156.6	8.54	11.14	1	156	10.89	1	66.98	66.26	0.716	81.4	84.7	26.502	69.097
"2010-07-18	09:00:00"	9.92	168.4	9.53	16.51	6.243	167.2	12.89	12.33	70.8	70.96	-0.158	73.45	74.82	26.503	256.91
"2010-07-18	10:00:00"	14.3	178.5	9.4	21.87	10.39	177.7	14.21	17.7	76.09	76.65	-0.558	59.59	60.03	26.511	465.73
"2010-07-18	11:00:00"	14.89	179.8	11.51	21.28	10.4	179	16.17	17.1	79.71	80.6	-0.925	49.23	49.2	26.504	661.32
"2010-07-18	12:00:00"	13.29	180.9	12.48	18.3	8.54	180.9	16.61	14.72	82.7	83.9	-1.242	40.28	40.02	26.503	821.16
"2010-07-18	13:00:00"	13.65	169	13.13	21.28	8.18	167.9	16.32	18.3	85.5	86.9	-1.391	33.31	32.68	26.492	934.92
"2010-07-18	14:00:00"	14.03	169	14.49	21.87	8.59	168.1	17.43	18.3	87.7	89.2	-1.549	30.92	30	26.477	986.01
"2010-07-18	15:00:00"	13.99	163.5	17.08	22.47	9.55	162.9	18.9	18.3	89.4	91	-1.553	29.32	28.16	26.461	965.16
"2010-07-18	16:00:00"	14.74	156.4	14.37	23.66	10.3	156	16.7	20.09	90.4	91.9	-1.507	27.26	26.07	26.446	925.54
"2010-07-18	17:00:00"	15.72	159.9	13.76	24.26	11.74	159.7	16.07	18.89	90.9	92.2	-1.253	26.95	25.75	26.428	811.87
"2010-07-18	18:00:00"	16.59	154.7	11.98	26.65	12.42	153.9	14.44	21.87	90.8	91.7	-0.915	28.98	27.84	26.415	640.02
"2010-07-18	19:00:00"	17.2	160.9	10.99	24.86	12.41	159.4	13.54	19.49	89.9	90.5	-0.519	29.86	28.97	26.404	432.68
"2010-07-18	20:00:00"	16.72	161.8	9.52	26.05	12.31	160.9	12.22	20.09	88.4	88.4	-0.041	31.06	30.45	26.399	216.69
"2010-07-18	21:00:00"	12.09	154.5	8.85	20.68	8.59	153	11.08	16.51	84.9	84.5	0.467	37.16	37.22	26.412	49.052
"2010-07-18	22:00:00"	8.77	142	6.238	11.74	2.848	138.8	9.37	7.561	79.62	77.9	1.718	44.95	47.97	26.429	0.25616
"2010-07-18	23:00:00"	9.17	140.8	7.018	11.74	5.129	138.2	9.66	9.35	76.84	75.41	1.436	50.59	53.55	26.448	0
"2010-07-19	00:00:00"	8.85	142.8	7.391	11.74	3.654	140.2	10.3	8.16	75.11	73.76	1.354	55.3	58.43	26.465	0
"2010-07-19	01:00:00"	8.96	151.1	7.803	11.74	5.421	149.3	10.32	8.75	73.6	72.45	1.153	60.22	63.15	26.472	0
"2010-07-19	02:00:00"	7.542	168.7	8.03	11.14	3.963	167.3	11.38	6.368	71.81	69.96	1.852	66.17	70.7	26.467	0
"2010-07-19	03:00:00"	6.894	196.5	9.62	12.33	3.744	204.8	15.69	8.75	70.99	69.17	1.821	71.24	75.7	26.466	0
"2010-07-19	04:00:00"	5.842	195.9	11.55	8.16	3.064	201.2	16.71	4.578	70.4	68.31	2.09	73.76	78.72	26.458	0
"2010-07-19	05:00:00"	5.85	171.2	7.206	8.75	2.045	169.6	13.05	4.578	69.11	66.99	2.115	77.48	82.2	26.454	0
"2010-07-19	06:00:00"	6.736	165	6.786	9.35	3.059	162.8	11.5	5.175	68.47	66.55	1.925	79.6	84.6	26.455	0
"2010-07-19	07:00:00"	7.512	155.3	9.95	9.95	3.128	153.5	12.75	5.771	68.15	66.71	1.439	79.77	84.2	26.459	0.72307
"2010-07-19	08:00:00"	6.184	134.8	16.05	11.74	1.095	126.8	23.13	6.964	68.11	67.37	0.738	81.9	84.8	26.463	62.027
"2010-07-19	09:00:00"	9.44	164	9.92	15.91	2.741	163.3	12.89	12.33	72.03	72.37	-0.343	76.76	77.31	26.469	242.21
"2010-07-19	10:00:00"	12.51	179.7	11.94	20.09	9.31	179.3	15.97	15.91	75.85	76.69	-0.835	68.98	68.54	26.478	445.72
"2010-07-19	11:00:00"	13.63	175.1	11.37	18.3	10.2	174.1	15.51	15.31	79	80.2	-1.205	59.89	58.94	26.473	641.22
"2010-07-19	12:00:00"	13.32	169.4	14	20.68	9.42	168.4	16.59	17.1	81.9	83.3	-1.452	53.61	52.19	26.464	803.09
"2010-07-19	13:00:00"	14.39	157.2	15.56	22.47	10.4	156.3	17.46	20.09	84.1	85.8	-1.683	47.83	45.9	26.452	898.57
"2010-07-19	14:00:00"	12.71	151.3	15.02	20.68	9.46	150.3	16.75	17.1	85.9	87.7	-1.797	43.46	41.34	26.439	934.84
"2010-07-19	15:00:00"	12.39	154.3	20.84	21.28	7.304	155	22.74	16.51	87.2	89	-1.85	40.48	38.5	26.427	942.43
"2010-07-19	16:00:00"	12.6	143	20.34	27.24	8.14	143.5	22.87	25.45	88.5	90.3	-1.805	39.31	37.38	26.41	897.71
"2010-07-19	17:00:00"	12.53	153.6	16.61	20.68	8.67	152.3	18.24	17.1	89	90.6	-1.619	38.12	36.36	26.393	786.35
"2010-07-19	18:00:00"	12.61	155.6	18.37	20.09	7.088	155.3	20.35	15.91	89	90.3	-1.274	37.47	36.05	26.379	604.48
"2010-07-19	19:00:00"	14.18	150.7	12.26	21.28	10.35	149.9	14.38	17.7	88.7	89.5	-0.819	39.02	37.75	26.369	396.34
"2010-07-19	20:00:00"	14.44	146.1	10.35	22.47	9.58	145.6	11.95	17.7	87.3	87.6	-0.249	41.15	40.32	26.375	182.18

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-19	21:00:00"	11.29	148	7.738	17.7	7.262	146.3	9.77	15.31	84.7	84.4	0.311	45.76	45.76	26.389	37.134	0
"2010-07-19	22:00:00"	8.82	146.8	5.814	11.74	1.869	144.5	8.53	8.16	80.3	79.29	0.971	53.69	55.46	26.401	0.17697	0
"2010-07-19	23:00:00"	8.46	151.1	6.167	10.54	3.578	148.6	8.85	7.561	77.33	76.13	1.199	59.64	62.37	26.41	0	0
"2010-07-20	00:00:00"	8.21	156.4	6.709	11.14	1.016	154.1	9.64	4.578	75.58	74.61	0.972	63.87	66.31	26.418	0	0
"2010-07-20	01:00:00"	7.694	161.8	6.141	10.54	1	157.8	9.91	1	73.88	72.69	1.189	67.67	70.9	26.423	0	0
"2010-07-20	02:00:00"	7.818	166.2	6.602	10.54	2.21	164.8	10.2	6.368	72.73	71.65	1.08	70.4	73.53	26.427	0	0
"2010-07-20	03:00:00"	7.211	158.6	7.454	9.95	1	154.5	10.24	1	71.25	69.99	1.262	73.81	77.52	26.432	0	0
"2010-07-20	04:00:00"	8.14	148	6.371	11.14	1.805	144.4	8.92	7.561	70.81	69.39	1.424	76.37	80.4	26.421	0	0
"2010-07-20	05:00:00"	8.14	141.6	7.064	11.74	1.126	139.5	9.16	6.964	69.98	68.97	1.015	79.06	82.3	26.415	0	0
"2010-07-20	06:00:00"	8.88	134.1	7.569	12.33	3.301	132	10.39	9.35	68.83	68.04	0.793	81.8	84.7	26.413	0	0
"2010-07-20	07:00:00"	8.35	128	7.526	11.74	4.309	126.8	11.34	8.16	67.64	67.03	0.611	84.8	87.3	26.42	0.66162	0
"2010-07-20	08:00:00"	7.799	126.5	10.23	14.12	5.083	125.1	13.39	9.95	67.91	67.62	0.294	85.7	87.6	26.434	59.971	0
"2010-07-20	09:00:00"	11.38	136.4	11.74	19.49	8.31	136.3	13.78	16.51	70.47	70.96	-0.483	83.5	83.5	26.444	213.48	0
"2010-07-20	10:00:00"	15.01	158.3	10.44	23.66	11.28	157.3	12.82	17.7	73.5	74.46	-0.957	80	78.88	26.456	409.58	0
"2010-07-20	11:00:00"	13.86	153.5	12.08	21.87	10.53	151.9	13.79	16.51	76.54	77.85	-1.309	72.63	70.92	26.461	610.54	0
"2010-07-20	12:00:00"	12.74	157.9	14.2	20.68	9.76	157	16.95	17.1	78.98	80.6	-1.593	66.9	64.77	26.461	722.49	0
"2010-07-20	13:00:00"	14.44	160.1	13.34	21.87	10.17	160.1	16.16	18.3	81.3	83.1	-1.849	60.76	58.18	26.457	850.78	0
"2010-07-20	14:00:00"	13.04	152	16.81	21.28	9.63	151	17.92	17.7	83.4	85.4	-1.928	55.96	53.17	26.448	941.68	0
"2010-07-20	15:00:00"	12.48	153	21.73	21.87	7.751	152.1	23.09	16.51	85.5	87.4	-1.926	50.91	48.18	26.436	869.85	0
"2010-07-20	16:00:00"	13.9	150.9	15.11	21.87	9.61	151	17.4	18.3	87.1	89	-1.862	46.52	43.78	26.426	902.06	0
"2010-07-20	17:00:00"	14.14	151.1	14.1	28.43	10.38	150.8	16.14	21.87	87.7	89.2	-1.581	44.43	41.98	26.411	715.63	0
"2010-07-20	18:00:00"	14.58	148.1	13.98	22.47	10.76	148.1	15.71	18.3	88.3	89.6	-1.3	42.5	40.38	26.394	604.27	0
"2010-07-20	19:00:00"	15.08	145.2	12.56	23.66	10.92	144.5	14.36	18.3	87.9	88.8	-0.881	43.12	41.46	26.384	399.06	0
"2010-07-20	20:00:00"	15.31	137.4	9.91	23.07	10.62	138.2	12.25	17.7	86.3	86.6	-0.354	47.93	46.89	26.391	180.72	0
"2010-07-20	21:00:00"	13.67	138	8.63	22.47	9.79	138.3	10.78	17.1	83.7	83.6	0.142	51.79	51.52	26.402	36.581	0
"2010-07-20	22:00:00"	11.06	138.2	8	18.3	7.759	138	10.35	15.31	80.2	79.78	0.412	57.32	57.86	26.424	0.16213	0
"2010-07-20	23:00:00"	9.4	146.2	7.499	12.93	6.24	144.8	9.61	10.54	77.01	76.42	0.593	62.95	64.31	26.448	0	0
"2010-07-21	00:00:00"	8.44	140.7	8.26	11.74	5.265	139	9.95	8.75	74.88	74.17	0.719	66.82	68.78	26.463	0	0
"2010-07-21	01:00:00"	7.21	140	9.3	12.33	2.083	137	11.54	6.964	72.99	72.03	0.966	70.84	73.63	26.474	0	0
"2010-07-21	02:00:00"	8.2	139.9	14.53	13.52	5.117	137.4	17.24	9.95	72.23	71.34	0.899	72.52	75.26	26.478	0	0
"2010-07-21	03:00:00"	8.41	117.9	9.22	12.93	4.159	114.5	13.65	8.16	70.39	69.47	0.923	76	79.09	26.479	0	0
"2010-07-21	04:00:00"	8.39	105.8	5.904	11.14	2.567	99.9	9.56	7.561	68.46	67.39	1.068	79.64	83.2	26.48	0	0
"2010-07-21	05:00:00"	9.74	95.6	7.341	13.52	3.059	92.2	10.94	9.95	67.15	66.61	0.535	83.4	85.7	26.476	0	0
"2010-07-21	06:00:00"	8.89	101.9	8.2	12.33	6.082	98.9	11.2	10.54	66.59	66.25	0.347	86.3	88.2	26.472	0	0
"2010-07-21	07:00:00"	7.509	101.3	13.27	11.74	4.915	96.4	17.9	8.75	66.5	66.02	0.476	87.3	89.4	26.476	0.40906	0
"2010-07-21	08:00:00"	6.813	89.8	10.82	10.54	4.335	83.8	15.12	8.16	66.04	65.74	0.303	89.2	91	26.487	27.179	0
"2010-07-21	09:00:00"	9.57	129.6	15.06	15.31	7.194	129.7	17.93	12.93	69.89	70.32	-0.43	85.1	85.2	26.498	119.34	0
"2010-07-21	10:00:00"	13.83	156.6	11.05	21.28	10.37	156	12.9	16.51	72.88	73.54	-0.654	78.86	78.37	26.504	233.32	0
"2010-07-21	11:00:00"	12.76	157.4	12.45	18.3	9.63	156.3	15.22	15.31	75.61	76.53	-0.928	72.6	71.67	26.51	355.76	0
"2010-07-21	12:00:00"	13.04	155.7	11.88	20.09	8.63	155.1	14.07	15.91	77.49	78.34	-0.856	69.24	68.28	26.513	339.17	0
"2010-07-21	13:00:00"	13.48	158.7	12.82	20.09	9.32	157.5	15.09	15.91	79.26	80.3	-1.032	65.39	64.13	26.512	466.03	0
"2010-07-21	14:00:00"	15.28	163.9	14.1	23.07	10.99	163	17.15	18.89	81.7	83.2	-1.5	60.3	58.12	26.498	674.14	0
"2010-07-21	15:00:00"	16.23	163.3	13.23	23.66	12.22	162.2	16.44	19.49	83.3	84.8	-1.49	55.67	53.44	26.483	644.58	0
"2010-07-21	16:00:00"	16.02	159.3	12.34	26.05	11.03	157.9	14.33	21.28	84.6	86	-1.394	52.15	50.05	26.464	744.95	0
"2010-07-21	17:00:00"	15.73	153.5	13.68	23.66	11.37	153	15.64	18.89	85.5	86.6	-1.127	48.6	46.76	26.443	469.02	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-21	18:00:00"	17.5	157.8	10.26	26.05	13.14	156.3	12.82	21.28	86.1	87.1	-1.031	45.26	43.47	26.427	519.48	0
"2010-07-21	19:00:00"	16.97	150.7	10.91	26.65	12.75	149.6	12.88	21.28	85.6	86.4	-0.76	45	43.62	26.419	379.58	0
"2010-07-21	20:00:00"	15.81	146.8	9.46	23.66	11.69	146.2	11.86	20.68	84.6	84.9	-0.276	44.22	43.48	26.426	183.35	0
"2010-07-21	21:00:00"	13.28	156.6	9.27	21.28	8.24	155	11.48	17.7	82.3	82.2	0.169	47.33	47.18	26.436	35.448	0
"2010-07-21	22:00:00"	11.1	152.9	8.08	16.51	7.471	151.2	10.17	12.93	79.01	78.54	0.462	54.05	54.73	26.446	0.12076	0
"2010-07-21	23:00:00"	8.99	151	7.999	12.33	5.796	149.5	10.2	8.75	75.12	74.42	0.7	61.54	63.3	26.463	0	0
"2010-07-22	00:00:00"	7.477	159.6	10.19	10.54	4.444	159.8	14.56	6.964	72.95	71.84	1.108	65.89	68.86	26.477	0	0
"2010-07-22	01:00:00"	6.848	159.8	11.09	9.95	3.858	155.7	15.12	6.368	71.75	70.46	1.29	69.02	72.58	26.479	0	0
"2010-07-22	02:00:00"	8.03	152.1	10.11	12.93	5.211	149.9	12.29	9.95	70.97	69.99	0.981	71.86	74.85	26.477	0	0
"2010-07-22	03:00:00"	7.31	174.3	9.49	11.74	4.757	174.6	13.95	7.561	70.64	69.77	0.866	74.75	77.48	26.48	0	0
"2010-07-22	04:00:00"	6.814	158.8	8.03	9.95	3.845	155.3	11.22	7.561	69.6	68.37	1.229	78.92	82.5	26.48	0	0
"2010-07-22	05:00:00"	8.47	151.8	7.885	11.74	4.795	149.6	9.98	8.16	68.7	68.09	0.602	82.7	85	26.475	0	0
"2010-07-22	06:00:00"	9.94	151.7	9.22	15.31	6.877	150	11.27	11.74	68.19	67.84	0.348	85.6	87.3	26.469	0	0
"2010-07-22	07:00:00"	10.52	159.3	8.68	18.3	7.543	157.7	11.19	14.12	68.4	68.13	0.267	87.5	89	26.47	0.56198	0
"2010-07-22	08:00:00"	12.98	166.3	8.96	19.49	9.53	165.3	11.97	17.1	69.1	69.08	0.015	87.2	88.1	26.47	45.812	0
"2010-07-22	09:00:00"	16.26	170.7	10.37	24.86	12.03	170.1	14.01	21.28	70.76	71.13	-0.374	84.1	84.1	26.475	146.16	0
"2010-07-22	10:00:00"	15.96	175.6	10.72	23.07	11.82	174.5	14.36	18.3	73.01	73.93	-0.924	78.07	77.11	26.485	398.16	0
"2010-07-22	11:00:00"	14.4	181	11	21.28	10.65	181.1	15.38	17.1	75.68	77.08	-1.393	71.5	69.76	26.484	567.85	0
"2010-07-22	12:00:00"	12.74	181.5	15.69	20.09	7.515	181.6	20.15	17.1	78.78	80.6	-1.807	64.46	62.09	26.476	780.01	0
"2010-07-22	13:00:00"	11.4	191.9	16.43	18.3	6.724	193	22.24	15.31	81.2	83.3	-2.088	57.97	55.28	26.465	889.39	0
"2010-07-22	14:00:00"	9.33	181.1	26.34	15.31	5.862	182.3	31.33	12.93	83.8	85.8	-1.939	53.03	50.35	26.449	927.15	0
"2010-07-22	15:00:00"	9.56	173	27.03	18.3	6.88	172.3	30.27	14.72	85.7	87.6	-1.858	48	45.27	26.428	843.27	0
"2010-07-22	16:00:00"	11.28	157.6	23.77	20.68	7.132	157.2	26.57	18.89	87.1	88.9	-1.76	44.69	42.12	26.408	709.51	0
"2010-07-22	17:00:00"	12.79	158.6	16.68	22.47	9.25	157.8	18.73	16.51	87.9	89.5	-1.615	42.91	40.43	26.386	650.63	0
"2010-07-22	18:00:00"	13.77	164.5	16.89	22.47	9.81	163.8	18.78	17.7	88.5	89.9	-1.364	41.61	39.41	26.369	587.96	0
"2010-07-22	19:00:00"	15.13	160.5	12.89	23.66	11.35	159.9	15.63	18.3	88.4	89.3	-0.95	40.86	39.08	26.363	401.06	0
"2010-07-22	20:00:00"	15.45	155.3	10.38	23.66	11.3	153.9	12.43	20.09	87.3	87.7	-0.395	41.14	39.88	26.372	184.37	0
"2010-07-22	21:00:00"	14.96	155.5	7.796	23.07	11	154.5	10.44	18.3	84.5	84.5	0.053	45.35	44.66	26.396	29.72	0
"2010-07-22	22:00:00"	11.15	155.5	7.616	17.7	7.871	153.4	9.8	15.91	80.3	80	0.29	52.16	52.35	26.417	0.12861	0
"2010-07-22	23:00:00"	10.65	157.1	8.5	15.31	7.358	155.7	10.95	11.14	77.36	76.98	0.379	57.44	58.13	26.433	0	0
"2010-07-23	00:00:00"	8.67	160.3	8.5	12.93	5.599	158	11.18	9.35	74.82	74.21	0.601	62.99	64.52	26.439	0	0
"2010-07-23	01:00:00"	8.68	160.2	9	13.52	5.063	157.5	12.42	9.35	73.55	72.66	0.885	66.02	68.35	26.443	0	0
"2010-07-23	02:00:00"	7.753	158.6	7.451	11.14	4.873	157	10.51	7.561	71.77	71.13	0.631	70.35	72.4	26.441	0	0
"2010-07-23	03:00:00"	7.421	169.9	7.805	11.74	4.806	168.6	11.39	8.75	70.54	69.94	0.599	75.2	77.26	26.433	0	0
"2010-07-23	04:00:00"	7.057	152.4	8.29	10.54	4.634	149.6	10.54	8.75	69.69	69.21	0.49	81.3	83.1	26.425	0	0
"2010-07-23	05:00:00"	8.66	157.8	8.9	12.93	6.12	156.1	11.23	10.54	69.34	69.12	0.216	86	87.2	26.42	0	0
"2010-07-23	06:00:00"	9.94	166.8	8.5	16.51	7.137	165.7	11.72	12.33	68.92	68.78	0.138	87.7	88.8	26.42	0	0
"2010-07-23	07:00:00"	9.68	167	10.05	16.51	6.905	166	12.82	13.52	68.54	68.52	0.019	89.1	90.1	26.425	0.2223	0
"2010-07-23	08:00:00"	12	167.3	10.85	18.89	8.89	166.8	14.24	14.72	69.57	69.81	-0.238	87.5	87.8	26.435	22.352	0
"2010-07-23	09:00:00"	12.47	169.5	10.96	21.28	8.98	168.9	14.69	16.51	70.88	71.34	-0.464	85	84.7	26.449	131	0
"2010-07-23	10:00:00"	15.42	173.8	10.75	21.28	11.49	172.7	14.41	18.3	73.72	74.8	-1.074	78.68	77.28	26.457	407.89	0
"2010-07-23	11:00:00"	14.24	183.8	11.88	21.87	10.59	183.9	17.05	17.7	77.02	78.57	-1.55	70.94	68.77	26.456	611.74	0
"2010-07-23	12:00:00"	13.42	183.9	13.58	21.87	10.12	183.7	18.32	17.1	80.3	82.2	-1.912	62.56	59.86	26.453	778.62	0
"2010-07-23	13:00:00"	12.84	188.1	23.62	27.84	7.576	187.9	28.45	23.07	83	85.2	-2.143	57.57	54.43	26.451	870.12	0
"2010-07-23	14:00:00"	11.38	171.6	21.82	20.68	8.43	171.3	26.42	17.1	84.9	87.1	-2.119	53.43	50.17	26.442	915.21	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-23	15:00:00"	12	180.5	18.82	22.47	8.41	180.9	23.91	17.1	86.7	89	-2.298	49.34	45.88	26.424	942.05	0	
"2010-07-23	16:00:00"	12.82	155.8	18.02	21.28	8.35	155.2	20.44	17.1	87.8	90	-2.139	46.61	43.17	26.399	878.08	0	
"2010-07-23	17:00:00"	15.57	160.8	15.01	29.03	11.78	159.8	17.31	22.47	89.1	90.8	-1.72	43.31	40.32	26.386	644.32	0	
"2010-07-23	18:00:00"	19.1	165.3	13.36	27.84	14.19	163.8	16.04	24.26	87.9	88.9	-0.984	44.5	42.34	26.374	397.95	0	
"2010-07-23	19:00:00"	15.06	177.6	14.49	23.66	10.93	176.9	17.43	19.49	85.7	85.9	-0.185	47.64	46.56	26.392	71.852	0	
"2010-07-23	20:00:00"	8.86	258.2	18.26	14.12	6.479	261.6	20.5	11.74	80.8	81.1	-0.212	56.02	55.41	26.407	20.153	0	
"2010-07-23	21:00:00"	5.4	259.6	13.54	9.95	3.772	262.8	15.95	7.561	79.11	79.06	0.047	54.33	54.57	26.424	18.146	0	
"2010-07-23	22:00:00"	2.523	189.5	32.68	8.75	1.574	185	42.84	6.964	78.48	77.69	0.786	54.69	57.61	26.434	0.06063	0	
"2010-07-23	23:00:00"	11.24	159	8.15	18.89	8.04	156.5	10.69	16.51	78.36	78.04	0.323	61.47	61.93	26.447	0	0	
"2010-07-24	00:00:00"	12.51	165.2	8.37	21.87	9.01	163.8	11.55	17.7	78	77.84	0.161	64.24	64.45	26.46	0	0	
"2010-07-24	01:00:00"	9.21	156	8.58	15.31	6.638	154.3	10.7	11.74	76.66	76.57	0.091	67.32	67.6	26.47	0	0	
"2010-07-24	02:00:00"	8.81	168.2	14.93	14.12	6.125	166.9	17.48	11.14	75.12	74.86	0.267	70.48	71.33	26.47	0	0	
"2010-07-24	03:00:00"	10.15	178	9.16	18.3	7.2	177.3	13.28	13.52	74.48	74.2	0.279	72.98	73.88	26.469	0	0	
"2010-07-24	04:00:00"	12.39	176.7	8.83	20.68	8.93	174.7	12.67	17.7	74.26	74.12	0.137	74.29	74.95	26.462	0	0	
"2010-07-24	05:00:00"	11.31	172.7	10.62	20.09	8.09	171.8	13.86	15.91	72.87	72.73	0.139	76.4	77.23	26.462	0	0	
"2010-07-24	06:00:00"	10.62	163.8	9.34	17.1	7.84	162.2	12.32	12.93	71.41	71.38	0.027	82	82.7	26.456	0	0	
"2010-07-24	07:00:00"	9.25	155.4	8.88	15.91	5.74	154.1	10.71	12.93	70.41	70.35	0.055	84.6	85.4	26.464	0.42144	0	
"2010-07-24	08:00:00"	7.536	157.6	8.34	11.74	2.391	155.7	10.37	8.75	69.17	69.1	0.068	86.8	87.8	26.471	18.757	0	
"2010-07-24	09:00:00"	7.83	159.7	12.49	14.12	2.689	158.5	14.35	11.74	70.14	70.59	-0.453	85.4	85.3	26.492	107.41	0	
"2010-07-24	10:00:00"	12.22	170.9	9.99	18.3	9.1	169.3	13.68	14.12	71.61	72.23	-0.616	81.4	81	26.508	151.91	0	
"2010-07-24	11:00:00"	11.63	174.9	12.9	16.51	8.85	174.5	16.55	12.93	73.5	74.55	-1.043	77	75.85	26.51	345.14	0	
"2010-07-24	12:00:00"	9.02	180.3	21.47	14.72	7.032	179	25.17	12.33	75.93	77.1	-1.165	70.84	69.51	26.517	378.57	0	
"2010-07-24	13:00:00"	7.359	193.2	26.37	15.91	5.677	192.6	32.52	13.52	77.86	79.11	-1.247	67.52	66.04	26.515	507.56	0	
"2010-07-24	14:00:00"	7.964	210.2	24.66	14.72	4.129	213.3	29.91	11.14	79.65	81.1	-1.477	63.86	61.94	26.498	590.79	0	
"2010-07-24	15:00:00"	11.42	164.5	17.23	21.87	6.33	162.8	21.41	17.1	82	83.7	-1.72	57.97	55.36	26.462	755.06	0	
"2010-07-24	16:00:00"	13.79	159.7	15.82	23.66	8.78	158.9	18.1	18.3	84.2	86.1	-1.867	52.79	49.84	26.435	765.33	0	
"2010-07-24	17:00:00"	15.62	139.1	14.78	24.26	11.13	139.1	16.37	18.89	84.8	86.2	-1.419	50.3	47.9	26.429	474.16	0	
"2010-07-24	18:00:00"	17	140.7	14.08	25.45	12.15	141.1	15.82	20.09	85	86.2	-1.191	49.08	47.08	26.426	520.58	0	
"2010-07-24	19:00:00"	16.67	144.6	10.74	24.26	11.52	144.4	13.01	19.49	84.7	85.4	-0.683	47.93	46.47	26.423	241	0	
"2010-07-24	20:00:00"	16.26	147.6	9.02	24.26	11.86	147	11.02	21.28	82.5	82.6	-0.088	51.93	51.25	26.433	41.76	0	
"2010-07-24	21:00:00"	12.38	164.6	18.59	21.87	8.86	163.8	21.01	15.91	81.3	81.3	-0.063	52.7	52.15	26.46	7.6794	0	
"2010-07-24	22:00:00"	11.58	240.3	17.74	19.49	8.54	243.8	20.56	15.31	74.12	74.44	-0.317	73.21	72.9	26.498	0	0	
"2010-07-24	23:00:00"	11.39	249.3	10.08	18.89	8.37	253.3	14.12	15.91	71.57	71.76	-0.193	76.02	76.25	26.524	0	0	
"2010-07-25	00:00:00"	4.856	294.4	30.3	10.54	1.111	297.7	32.94	6.964	70.27	70.27	0.007	76.14	77.04	26.53	0	0	
"2010-07-25	01:00:00"	4.002	2.283	27.06	6.368	1	6.721	28.08	1	69.86	69.9	-0.04	77.66	78.68	26.528	0	0	
"2010-07-25	02:00:00"	6.089	39.66	12.63	9.95	1.008	42.63	15.87	3.982	70.15	70.3	-0.148	78.09	78.61	26.53	0	0	
"2010-07-25	03:00:00"	7.371	55.35	9.68	11.74	1.001	56.76	12.98	2.789	70.35	70.39	-0.042	79.32	80	26.529	0	0	
"2010-07-25	04:00:00"	7.009	61.26	9.11	11.14	1	62.7	12.49	1	70.21	70.23	-0.023	79.92	80.7	26.524	0	0	
"2010-07-25	05:00:00"	6.849	69.46	9.32	9.35	1	69.48	12.95	1	68.41	68.07	0.34	84.8	86.4	26.513	0	0	
"2010-07-25	06:00:00"	6.465	60.69	9.19	9.95	1	63.02	12.64	1	67.31	67.04	0.27	86.3	88	26.518	0	0	
"2010-07-25	07:00:00"	6.598	57.42	10.94	9.35	1	57.99	13.26	1	65.82	65.59	0.235	87.9	89.7	26.527	1.6693	0	
"2010-07-25	08:00:00"	7.945	78.79	9.18	11.14	1.573	77.75	12.17	9.35	66.17	66.21	-0.041	86	87.3	26.536	49.513	0	
"2010-07-25	09:00:00"	9.77	115.8	17.29	17.1	4.527	116.3	19.46	14.12	69.08	69.44	-0.362	78.52	79.08	26.546	156.56	0	
"2010-07-25	10:00:00"	13.02	153.8	10.03	18.89	9.21	152.8	12.7	14.72	72.63	73.22	-0.591	70.63	70.53	26.555	247.36	0	
"2010-07-25	11:00:00"	12.27	158.2	14.58	19.49	7.436	157.6	16.44	15.31	74.18	74.98	-0.808	68.65	68.1	26.557	336.33	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-25	12:00:00"	13.54	161.8	14.71	20.68	10.18	160.3	17.24	17.1	77.1	78.34	-1.238	59.97	58.74	26.554	538.81	0	
"2010-07-25	13:00:00"	13.41	168.5	13.66	22.47	10.22	168.2	16.8	17.7	79.6	81.2	-1.56	53.09	51.26	26.545	663.07	0	
"2010-07-25	14:00:00"	14.85	160.7	15.56	24.86	11.28	160.7	17.71	21.28	81.7	83.4	-1.693	44.12	42.16	26.535	768.08	0	
"2010-07-25	15:00:00"	13.5	152.3	15.18	22.47	10.29	152.4	17.35	18.89	83.2	84.9	-1.73	38.1	36.45	26.519	758.26	0	
"2010-07-25	16:00:00"	14.14	156.8	20.07	24.86	10.67	156.5	21.58	18.89	84.9	86.8	-1.891	35.98	34.11	26.498	802.15	0	
"2010-07-25	17:00:00"	14.01	146.8	19.18	23.07	10.65	145.9	20.26	19.49	86.3	88.1	-1.783	33.49	31.58	26.475	725.43	0	
"2010-07-25	18:00:00"	14.1	146.6	16.05	24.86	10.52	146.6	17.53	20.09	86.5	87.9	-1.364	33.93	32.31	26.456	524.56	0	
"2010-07-25	19:00:00"	14.24	148.3	15.89	21.28	10.64	148	17.17	17.1	86.7	87.7	-1.055	33.64	32.27	26.444	421.19	0	
"2010-07-25	20:00:00"	12.97	132.8	11.15	20.68	9.2	133.5	13.36	15.91	85.1	85.3	-0.211	37.22	36.49	26.445	118.61	0	
"2010-07-25	21:00:00"	10.73	125.4	7.386	15.91	7.095	126.2	11.45	12.33	82.3	81.8	0.481	40.46	40.61	26.454	14.168	0	
"2010-07-25	22:00:00"	8.67	119.8	7.028	12.93	4.976	117.9	12	9.35	78.83	77.79	1.044	45.01	46.59	26.472	0.07364	0	
"2010-07-25	23:00:00"	8.52	122.8	7.304	11.74	4.855	120.6	11.8	8.16	76.52	75.43	1.093	47.76	49.85	26.495	0	0	
"2010-07-26	00:00:00"	8.61	138.4	9.34	12.33	5.135	136.6	11.82	8.75	75.57	74.69	0.885	48.69	50.55	26.512	0	0	
"2010-07-26	01:00:00"	7.367	152.5	7.197	12.33	3.461	149	9.44	8.16	75.17	74.48	0.689	50.64	52.32	26.517	0	0	
"2010-07-26	02:00:00"	7.621	157.4	19.58	11.14	4.676	156	20.88	8.75	73.67	73.37	0.296	54.14	55.21	26.517	0	0	
"2010-07-26	03:00:00"	6.795	121.4	22.12	9.95	2.655	118.8	23.7	6.964	71.83	71.28	0.552	59.51	61.32	26.517	0	0	
"2010-07-26	04:00:00"	5.249	146.8	13.39	6.964	1	136.3	22.18	1	71.32	70.16	1.168	62.42	65.82	26.506	0	0	
"2010-07-26	05:00:00"	4.367	87.9	13.55	5.771	1	49.66	15.08	1	69.75	67.29	2.466	65.77	72.96	26.498	0	0	
"2010-07-26	06:00:00"	4.207	89.4	11.85	6.368	1	43	14.26	1	68.6	64.76	3.844	67.57	76.81	26.5	0	0	
"2010-07-26	07:00:00"	5.72	64.76	8.69	7.561	1	40.2	13.72	1	66.09	62.58	3.515	72.54	81.2	26.511	0.39412	0	
"2010-07-26	08:00:00"	5.455	71.01	12.18	8.16	1.302	54.1	20.55	5.771	65.81	64.02	1.781	74.49	79.97	26.52	57.912	0	
"2010-07-26	09:00:00"	8.08	114.2	14.27	12.33	2.226	112.6	17.85	8.16	70.65	71.32	-0.678	67.92	68.12	26.529	276.68	0	
"2010-07-26	10:00:00"	12.79	156.8	14.37	20.68	7.898	155.7	16.87	15.91	75.36	76.41	-1.046	58.48	57.67	26.534	472.99	0	
"2010-07-26	11:00:00"	14.25	170.7	12.14	21.87	10.7	169.6	15.67	18.3	77.49	79	-1.513	54.73	52.99	26.536	647.52	0	
"2010-07-26	12:00:00"	14.37	152.7	13.38	24.26	10.95	151.6	15.42	19.49	79.71	81.5	-1.776	49.11	46.94	26.533	781.63	0	
"2010-07-26	13:00:00"	15.87	155.1	16.31	34.4	11.9	153.8	18.05	30.82	81.5	83.4	-1.905	45.35	42.78	26.524	812.88	0	
"2010-07-26	14:00:00"	14.87	154.6	17.7	24.26	11.48	153.5	19.26	20.68	82.7	85	-2.242	42.22	39.41	26.506	959.67	0	
"2010-07-26	15:00:00"	13.38	162.6	18.51	24.86	10.29	161.7	21.55	20.09	83.7	85.8	-2.098	39.86	37.43	26.484	775.39	0	
"2010-07-26	16:00:00"	12.66	165.8	18.04	22.47	9.75	165.9	20.82	17.7	84.9	86.9	-2.047	37.81	35.53	26.457	789.53	0	
"2010-07-26	17:00:00"	12.14	161	17.37	21.87	9.37	160.4	20.47	15.91	85.6	87.5	-1.927	36.62	34.46	26.429	731.26	0	
"2010-07-26	18:00:00"	9.23	169.7	24.08	18.89	7.115	169.4	29.11	15.91	86.2	87.8	-1.645	34.73	32.93	26.403	603.26	0	
"2010-07-26	19:00:00"	9.26	183	19.45	19.49	6.92	184.3	23.47	14.72	86.4	87.6	-1.202	34.69	33.22	26.39	371.97	0	
"2010-07-26	20:00:00"	7.712	176	15.68	13.52	5.137	175.4	18.8	11.14	85.6	85.9	-0.312	35.51	34.8	26.387	152.12	0	
"2010-07-26	21:00:00"	6.264	148.9	15.02	8.75	2.557	145.5	18.49	6.964	83.7	82.8	0.946	38.94	40.39	26.398	33.316	0	
"2010-07-26	22:00:00"	16.35	109.8	10.07	29.03	11.19	109	13.76	21.87	76.29	76.17	0.114	60.48	60.63	26.427	0.10764	0	
"2010-07-26	23:00:00"	12.54	112.9	8.05	18.89	8.75	112.5	12.43	15.31	73.1	72.99	0.104	67.82	68.4	26.457	0	0	
"2010-07-27	00:00:00"	11.2	121	7.861	18.89	7.535	121.5	12.5	13.52	72.01	71.79	0.212	69.74	70.75	26.475	0	0	
"2010-07-27	01:00:00"	9.96	125	8.42	15.31	6.602	125.4	11.94	11.74	70.47	70.2	0.272	71.05	72.43	26.477	0	0	
"2010-07-27	02:00:00"	9.78	121.6	8.96	15.91	6.347	121.1	12.58	11.14	69.21	68.92	0.289	72.99	74.54	26.478	0	0	
"2010-07-27	03:00:00"	8.47	118.3	10.28	12.93	5.008	118.2	14.11	9.35	67.7	67.4	0.302	75.28	77.05	26.469	0	0	
"2010-07-27	04:00:00"	8.2	106.6	8.48	12.93	5.436	104	12.28	9.35	66.35	66.08	0.265	77.65	79.45	26.462	0	0	
"2010-07-27	05:00:00"	5.596	81.4	12.27	8.16	1.509	66.68	17.2	5.175	64.62	63.5	1.115	80.6	84.3	26.455	0	0	
"2010-07-27	06:00:00"	6.459	78.69	8.1	7.561	1	68.02	11.23	1	63.46	61.81	1.652	82.7	87.7	26.454	0	0	
"2010-07-27	07:00:00"	5.351	80.9	8.43	7.561	1	57.03	11.04	1	62.41	60.97	1.445	85.1	89.3	26.457	0.26708	0	
"2010-07-27	08:00:00"	4.469	91.8	22.08	7.561	1.194	61.75	17.5	4.578	63.16	62.22	0.945	85.1	88.2	26.463	45.165	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-27	09:00:00"	6.298	95.7	13.94	11.14	3.74	93.6	17.76	9.35	66.28	66.97	-0.688	81.6	81.6	26.478	215.15	0	
"2010-07-27	10:00:00"	9.03	163.1	20.59	15.31	6.781	162.5	22.39	11.74	72.18	73.29	-1.109	73.58	72.42	26.483	418.89	0	
"2010-07-27	11:00:00"	12.95	179.8	14.21	21.87	9.64	179.4	19.13	17.7	76.42	78.05	-1.637	66.56	64.23	26.481	623.74	0	
"2010-07-27	12:00:00"	13.21	182.1	15.78	20.09	9.87	181.7	20.29	17.1	79.35	81.3	-1.959	59.72	56.83	26.48	725.87	0	
"2010-07-27	13:00:00"	13.87	173.3	15.88	21.87	10.51	172.6	19.82	17.1	81.3	83.5	-2.17	54.82	51.54	26.476	836.35	0	
"2010-07-27	14:00:00"	13.28	174.3	18.84	22.47	10.25	173.6	22.41	18.3	83.1	85.3	-2.26	50.18	46.72	26.463	924.41	0	
"2010-07-27	15:00:00"	11.99	172	19.01	20.09	9.23	171.3	22.48	18.89	84.4	86.8	-2.407	46.87	43.21	26.445	940.16	0	
"2010-07-27	16:00:00"	12.09	167.7	18.82	20.68	9.21	167.2	22.38	17.7	85.7	87.9	-2.178	43.69	40.33	26.424	761.87	0	
"2010-07-27	17:00:00"	12.31	165.2	25.72	21.28	9.33	165.3	28.87	16.51	87	89.1	-2.099	40.94	37.96	26.403	678.42	0	
"2010-07-27	18:00:00"	12.24	162.9	17.84	27.24	9.29	161.8	20.91	23.07	87.7	89.4	-1.697	38.69	36.36	26.385	639.34	0	
"2010-07-27	19:00:00"	12.74	153.3	15.47	21.28	9.63	152.6	17.01	15.91	87.9	89.3	-1.357	37.58	35.57	26.378	416.74	0	
"2010-07-27	20:00:00"	13.11	154	12.17	18.89	9.67	153.1	14.46	15.31	87.2	87.7	-0.57	37.88	36.55	26.377	175.63	0	
"2010-07-27	21:00:00"	11.39	160.2	7.727	17.7	8.17	159.1	10.88	13.52	84.8	84.7	0.071	40.86	40.17	26.388	32.277	0	
"2010-07-27	22:00:00"	8.53	154.7	7.756	12.33	5.354	152	10.04	9.95	80.4	79.82	0.547	48.77	49.29	26.41	0.11424	0	
"2010-07-27	23:00:00"	8.19	110.1	18.04	15.91	4.316	107.3	20.11	11.14	76.1	75.56	0.538	60.17	61.06	26.444	0	0	
"2010-07-28	00:00:00"	7.971	106.7	8.11	10.54	4.639	103.7	11.63	8.16	72.92	72.48	0.435	73.03	74.33	26.46	0	0	
"2010-07-28	01:00:00"	7.453	118	7.364	9.95	3.273	113.3	11.89	6.368	71.99	71.2	0.787	71.94	74.55	26.471	0	0	
"2010-07-28	02:00:00"	7.138	141.6	10.8	10.54	2.237	139.2	13.31	6.368	71.44	70.59	0.846	69.57	72.32	26.474	0	0	
"2010-07-28	03:00:00"	6.595	155.7	7.452	8.75	1.289	152.5	11.03	4.578	70.51	69.58	0.929	71.11	73.84	26.473	0	0	
"2010-07-28	04:00:00"	6.677	107.6	15.91	8.75	2.168	89.8	17.94	5.175	68.52	66.65	1.865	76.46	81.2	26.468	0	0	
"2010-07-28	05:00:00"	8.28	113	7.226	10.54	4.526	107.4	11.24	6.964	68.15	67.02	1.121	78.3	81.7	26.469	0	0	
"2010-07-28	06:00:00"	8.71	116.4	11.42	11.74	1.915	113.4	15.44	6.964	67.15	66.39	0.754	80.2	83	26.468	0	0	
"2010-07-28	07:00:00"	8.39	104.2	17.67	11.74	1.348	100.7	20.17	8.16	66.27	65.82	0.446	83	85.1	26.474	0.25239	0	
"2010-07-28	08:00:00"	7.256	88.6	9.33	11.74	1	85.8	12.02	1	65.38	65.34	0.036	88.5	89.7	26.487	38.754	0	
"2010-07-28	09:00:00"	8.9	112.6	24.09	15.31	4.581	111.9	25	12.33	69.19	69.81	-0.616	84.9	84.5	26.504	204.41	0	
"2010-07-28	10:00:00"	11.58	137.9	11.09	17.1	8.14	138.6	13.43	14.72	72.4	73.11	-0.714	80.3	79.55	26.522	185.48	0	
"2010-07-28	11:00:00"	12.12	150.5	12.24	17.7	9.12	149	14.54	14.12	74.42	75.67	-1.252	75.45	73.64	26.526	448.68	0	
"2010-07-28	12:00:00"	9.1	135.7	17.53	15.31	6.071	134.7	19	12.93	77.41	79.02	-1.614	67.69	65.2	26.53	678.41	0	
"2010-07-28	13:00:00"	10.81	136.2	20.67	17.7	8.05	136.4	22.58	14.12	80.2	82.5	-2.263	62.18	58.46	26.524	931.24	0	
"2010-07-28	14:00:00"	10.92	147.3	22.22	21.28	8.39	147.7	24.71	16.51	82.9	85.5	-2.603	56.4	52.07	26.514	1105.2	0	
"2010-07-28	15:00:00"	9.94	134.2	25.95	18.3	7.714	134.7	26.84	15.31	84.7	86.6	-1.909	49.6	46.3	26.493	599.42	0	
"2010-07-28	16:00:00"	9.04	153.3	22.95	23.66	6.806	152.8	25.88	16.51	85.7	86.9	-1.241	46.63	44.32	26.469	413.11	0	
"2010-07-28	17:00:00"	14.53	86.8	27.5	36.78	10.49	88.4	29.88	30.22	83.7	84.9	-1.241	50.76	48.28	26.458	368.81	0	
"2010-07-28	18:00:00"	14.94	64.25	14.92	37.38	10.48	66.81	17.62	30.22	75.61	75.84	-0.229	70.21	70.6	26.473	57.579	0	
"2010-07-28	19:00:00"	8.62	94.7	13.31	17.7	6.056	92.5	15.85	13.52	75.67	75.87	-0.203	68.68	68.73	26.482	33.604	0	
"2010-07-28	20:00:00"	5.506	119.6	37.9	14.72	3.466	121.2	37.7	11.74	74.98	75.22	-0.248	70.65	70.57	26.498	30.975	0	
"2010-07-28	21:00:00"	8.26	239.9	22.95	17.7	4.83	244.8	25.42	15.31	74.32	74.53	-0.209	68.38	68.43	26.506	15.447	0	
"2010-07-28	22:00:00"	9.53	247.8	15.53	17.7	6.19	251.2	18.54	14.12	70.85	71.11	-0.26	72.23	72.62	26.536	0.02232	0	
"2010-07-28	23:00:00"	7.481	290.6	65.44	15.31	2.129	297.3	65.42	10.54	68.7	68.24	0.459	80.4	84.6	26.552	0.20177	0.02	
"2010-07-29	00:00:00"	8.04	38.87	17.76	17.1	5.522	41.34	20.28	12.93	68.55	68.05	0.495	82.5	86.1	26.562	0	0	
"2010-07-29	01:00:00"	6.341	68.19	11.25	8.75	3.835	67.53	14.77	6.964	68.06	67.48	0.58	83.3	87.6	26.551	0	0	
"2010-07-29	02:00:00"	5.814	49.6	13.97	8.75	1.918	48.47	14.44	5.771	68.05	67.22	0.829	83.2	88	26.551	0	0	
"2010-07-29	03:00:00"	7.707	74.63	10.11	11.74	4.742	74.26	12.7	8.75	67.28	67.03	0.248	89.3	91.6	26.55	0	0	
"2010-07-29	04:00:00"	4.951	91.4	46.6	9.95	3.477	85	54.84	7.561	67.25	66.92	0.333	90.3	92.5	26.553	0	0	
"2010-07-29	05:00:00"	2.368	229.2	19.3	6.368	2.072	235.1	23.97	5.175	67.98	68.01	-0.027	89.3	91.2	26.567	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-29	06:00:00"	3.713	164.4	33.35	11.14	2.313	162	36.63	9.35	69.22	69.15	0.069	87.6	89.5	26.569	0
"2010-07-29	07:00:00"	6.792	161.1	12.89	10.54	4.203	158.7	15.29	8.16	69.23	68.99	0.239	88.7	90.5	26.576	0.55196
"2010-07-29	08:00:00"	5.226	138.4	13.88	8.75	2.147	136.6	14.56	5.771	68.57	68.48	0.09	90.5	92	26.589	55.75
"2010-07-29	09:00:00"	8.05	149.5	12.88	14.12	4.516	147.6	15.25	12.33	69.91	70.43	-0.52	87	87.5	26.597	224.01
"2010-07-29	10:00:00"	9.72	158.6	13.45	14.72	7.59	157.7	15.97	12.93	71.94	72.98	-1.033	82.1	81.3	26.598	369.34
"2010-07-29	11:00:00"	9.51	157.8	14.88	13.52	7.38	156.6	16.93	11.74	73.11	74.11	-0.998	79.21	78.3	26.595	281.02
"2010-07-29	12:00:00"	8.4	167.1	17.89	14.72	6.238	165.7	19.63	10.54	74.73	75.93	-1.197	74.15	72.77	26.592	423.55
"2010-07-29	13:00:00"	9.08	159.1	17.38	15.91	6.524	158.7	19.81	12.33	76.11	77.44	-1.336	70.2	68.45	26.587	417.76
"2010-07-29	14:00:00"	10.53	149.7	15.91	20.68	6.977	149.5	17.14	17.1	77.3	78.68	-1.383	66.12	64.2	26.576	451.66
"2010-07-29	15:00:00"	12.66	151.8	19.12	19.49	9.32	150.1	21.37	17.7	78.62	80.9	-2.28	62.46	58.95	26.56	866.74
"2010-07-29	16:00:00"	13.1	156.3	19.07	20.09	9.38	155	21.42	15.91	80.1	82.5	-2.414	57.05	53.21	26.541	889.1
"2010-07-29	17:00:00"	10.13	142.3	25.17	17.7	7.054	141.1	27.42	14.12	81.1	83.2	-2.079	54.54	51.18	26.523	681.53
"2010-07-29	18:00:00"	8.99	132.1	24.38	15.91	6.81	131.4	27.63	14.72	82.6	84.5	-1.904	51.98	48.8	26.502	624.08
"2010-07-29	19:00:00"	10.22	140.3	24.75	17.1	7.549	140.3	26.48	12.93	83.2	84.6	-1.429	49.75	47.3	26.485	370.88
"2010-07-29	20:00:00"	11.17	161.2	11.33	17.7	8.36	160.4	14.01	13.52	83.2	84	-0.742	48.99	47.42	26.478	200.12
"2010-07-29	21:00:00"	9.69	165	7.904	15.91	6.809	163	10.9	13.52	81	81.1	-0.03	52.65	52.26	26.492	33.95
"2010-07-29	22:00:00"	8.07	166.3	7.323	12.33	5.058	164.1	10.45	9.35	76.88	76.49	0.383	61.97	62.76	26.505	0.08082
"2010-07-29	23:00:00"	9.57	168.8	7.752	14.72	6.561	168.1	11.06	11.74	74.72	74.44	0.276	66.31	67.15	26.518	0
"2010-07-30	00:00:00"	8.98	156.7	7.99	13.52	5.971	154.5	10.14	9.35	72.73	72.48	0.25	70.73	71.8	26.521	0
"2010-07-30	01:00:00"	7.746	171.8	8.54	12.93	4.147	171.1	11.31	8.16	70.9	70.38	0.515	74.53	76.45	26.516	0
"2010-07-30	02:00:00"	6.62	168.3	7.87	11.74	2.474	166.9	11.48	9.95	69.91	69.32	0.596	75.48	77.68	26.515	0
"2010-07-30	03:00:00"	6.22	141.4	9.91	9.95	1.539	135.3	11.65	5.771	68.75	67.64	1.112	78.08	81.5	26.512	0
"2010-07-30	04:00:00"	5.093	140.6	12.69	8.75	1.623	128.5	24.77	5.175	67.81	66.82	0.999	81.3	84.3	26.503	0
"2010-07-30	05:00:00"	4.1	126.4	12.12	5.771	1	92	24.21	1	66.86	65.37	1.49	82.8	86.7	26.49	0
"2010-07-30	06:00:00"	5.098	115.1	9.46	6.964	1	80.9	12.43	1	66.36	64.2	2.158	84.3	88.9	26.485	0
"2010-07-30	07:00:00"	6.305	97.3	5.705	7.561	1	73.49	10.99	1.596	65.43	63.08	2.342	85.9	90.9	26.492	0.2983
"2010-07-30	08:00:00"	5.265	101.9	11.14	7.561	1.289	88.6	15.41	5.771	64.99	64.04	0.949	86.3	89.7	26.497	45.294
"2010-07-30	09:00:00"	6.132	143.3	23.38	11.74	3.914	141.3	25.8	9.35	68.33	68.92	-0.587	83.6	83.5	26.501	211.61
"2010-07-30	10:00:00"	8.36	182.5	14.76	12.33	6.298	182.4	19.03	11.14	72.35	73.66	-1.313	76.93	75.25	26.499	413.11
"2010-07-30	11:00:00"	8.17	203.3	17.13	13.52	6.143	205	22.82	10.54	76.18	77.97	-1.789	69.87	67.2	26.495	608
"2010-07-30	12:00:00"	9.17	211.7	21.53	16.51	7.213	214.2	27.74	14.72	79.71	81.7	-1.997	61.91	58.78	26.491	761.92
"2010-07-30	13:00:00"	10.25	221	20.09	19.49	7.919	224.6	25.99	17.7	82.6	84.9	-2.33	55.78	52.02	26.48	849.1
"2010-07-30	14:00:00"	9.49	222.8	24.42	16.51	7.113	225.3	28.04	15.91	84.3	86.4	-2.069	51.77	48.32	26.462	690.58
"2010-07-30	15:00:00"	8.74	230.4	31.98	17.1	6.619	235.1	35.24	14.72	86.4	88.7	-2.227	46.33	42.7	26.437	838.56
"2010-07-30	16:00:00"	8.87	208.7	26.74	19.49	6.544	209.5	32.68	15.31	88	90.4	-2.402	43.3	39.47	26.412	844.88
"2010-07-30	17:00:00"	9.11	197	34.6	17.1	7.139	197.5	39.02	15.31	89.1	91.1	-1.96	40.87	37.74	26.394	760.59
"2010-07-30	18:00:00"	9.23	193.9	21.09	15.91	7.009	194	25.81	12.93	89.7	91.5	-1.825	39.99	37.16	26.379	546.75
"2010-07-30	19:00:00"	13.35	160.6	67.32	40.96	9.08	158.6	76.95	32.01	77.88	77.98	-0.1	66.5	69.93	26.406	48.026
"2010-07-30	20:00:00"	4.528	213.2	82.4	8.75	1	221.2	87	1	76.07	75.21	0.855	69.71	77.38	26.408	19.087
"2010-07-30	21:00:00"	3.958	205	43.07	6.368	1	206.4	49.68	1	75.72	75.11	0.61	74.66	80.5	26.399	37.812
"2010-07-30	22:00:00"	5.981	245.4	7.106	8.75	1	251.1	14.26	1	75.79	74.12	1.667	73.24	79.79	26.388	0.04723
"2010-07-30	23:00:00"	2.382	134.5	42.89	6.368	1	81.6	48.84	1	74.86	72.17	2.685	76.26	86.4	26.417	0
"2010-07-31	00:00:00"	2.706	139.5	73.33	6.368	1	88	88.2	1	73.61	70.98	2.633	79.5	88.9	26.428	0
"2010-07-31	01:00:00"	1.104	120.8	21.93	3.386	1	67.69	24.34	1	73.62	70.17	3.449	78.77	91.9	26.428	0
"2010-07-31	02:00:00"	5.956	161.6	9.69	14.72	2.597	156.8	13.52	10.54	71.76	70.2	1.558	82.9	88.9	26.435	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-07-31	03:00:00"	4.358	161.3	7.156	5.771	1	158.7	13.14	1	71.57	70.24	1.333	81.8	86.7	26.437	0	0
"2010-07-31	04:00:00"	4.609	174.5	10.62	6.964	1	178.4	13.92	1	71.2	69.76	1.444	80.7	85.7	26.435	0	0
"2010-07-31	05:00:00"	5.926	177.9	6.298	8.16	1	175.5	10.02	1	71.27	69.53	1.74	78.4	84.8	26.426	0	0
"2010-07-31	06:00:00"	5.958	178.7	8.52	9.95	1.845	175.9	14.6	6.368	70.66	69.16	1.497	79.56	85	26.422	0	0
"2010-07-31	07:00:00"	4.762	203.8	19.58	8.16	1.981	220.8	31.39	5.175	70.07	68.81	1.259	81.4	85.6	26.43	0.28525	0
"2010-07-31	08:00:00"	4.949	210.9	13.7	6.964	1.176	214.2	18.73	4.578	70.21	69.37	0.839	82.5	86.2	26.435	56.733	0
"2010-07-31	09:00:00"	6.934	195.7	10.21	11.14	3.883	196.6	14.97	9.35	72.25	72.7	-0.446	81.2	82.1	26.44	228.48	0
"2010-07-31	10:00:00"	8.27	182.6	12.9	12.33	6.371	181.3	17.48	10.54	75.45	76.51	-1.055	75.2	74.27	26.447	418.46	0
"2010-07-31	11:00:00"	7.428	183.3	22.25	14.12	5.041	182.9	25.72	11.14	79.25	80.7	-1.402	65.7	63.83	26.44	615.22	0
"2010-07-31	12:00:00"	9.02	201.9	18.64	17.1	6.154	203.9	24.16	13.52	82.7	84.7	-2.012	51.36	48.64	26.435	781.64	0
"2010-07-31	13:00:00"	9.52	184.2	21.19	18.3	6.242	184.9	25.85	14.72	84.8	87	-2.175	46.72	43.44	26.428	893.26	0
"2010-07-31	14:00:00"	10.49	174.7	23.44	20.68	7.439	174.5	27.3	16.51	86.5	88.9	-2.352	43.49	39.87	26.414	945.43	0
"2010-07-31	15:00:00"	11.81	179.8	23.96	24.26	9.09	179.4	27.82	18.89	88.5	90.8	-2.37	39.87	36.55	26.394	925.33	0
"2010-07-31	16:00:00"	13.33	185.3	15.61	24.26	10.06	184.4	20.09	19.49	90	92.5	-2.505	35.51	32.31	26.376	895.65	0
"2010-07-31	17:00:00"	13.34	176.1	23.38	23.66	10.11	175.3	27.07	20.09	91.6	93.9	-2.265	33.35	30.31	26.354	772.31	0
"2010-07-31	18:00:00"	13.15	189.4	18.11	24.86	9.91	189.5	22.8	20.09	92	93.9	-1.882	32.92	30.14	26.339	620.32	0
"2010-07-31	19:00:00"	13.28	182.5	19.19	21.87	9.83	182.9	23.15	17.7	92.5	93.9	-1.362	30.71	28.35	26.326	436.02	0
"2010-07-31	20:00:00"	12.63	192.6	11.41	22.47	8.92	193.9	16.11	17.1	92.2	92.7	-0.484	29.8	28.13	26.321	212.82	0
"2010-07-31	21:00:00"	8.12	198.4	8.65	14.72	4.924	197.5	12.71	12.33	89.6	88.7	0.925	31.8	31.66	26.33	40.221	0
"2010-07-31	22:00:00"	2.552	200.2	37.12	5.771	1	200.9	79.95	1	86.3	83.6	2.704	34.74	37.17	26.348	0.03572	0
"2010-07-31	23:00:00"	5.103	139.1	18.33	8.75	1	117	23.92	1	83.8	79.6	4.164	39.7	46.08	26.376	0	0
"2010-08-01	00:00:00"	8.7	161	7.346	13.52	4.433	155.1	10.16	9.95	81.6	79.91	1.664	45.77	47.98	26.392	0	0
"2010-08-01	01:00:00"	8.2	185.9	16.18	14.72	3.975	185.4	19.99	9.95	77.7	76.76	0.937	53.2	54.86	26.399	0	0
"2010-08-01	02:00:00"	6.443	194.6	9.35	8.16	1.179	193.3	11.9	4.578	75.46	73.59	1.867	59.85	62.97	26.401	0	0
"2010-08-01	03:00:00"	5.032	201.4	5.598	8.75	1	191.7	7.408	1.596	74.5	72.57	1.925	65.82	69.12	26.403	0	0
"2010-08-01	04:00:00"	3.654	208.5	8.3	5.771	1	205	13.7	1	74.14	72.25	1.889	67.9	70.99	26.406	0	0
"2010-08-01	05:00:00"	5.318	226.9	5.921	6.964	1	233.9	11.69	1	72.68	70.54	2.143	72.91	76.5	26.397	0	0
"2010-08-01	06:00:00"	5.111	237.3	7.358	7.561	1	237.7	11.39	1	71.81	69.41	2.397	74.97	80	26.399	0	0
"2010-08-01	07:00:00"	4.635	226.6	8.75	6.964	1	214.8	17.34	1	70.5	68.17	2.325	77.43	82.3	26.41	0.21627	0
"2010-08-01	08:00:00"	4.367	236	10.18	6.368	1	236	18.21	1	70.56	68.91	1.651	77.9	82	26.425	47.534	0
"2010-08-01	09:00:00"	6.375	227.8	14.06	10.54	3.783	230.6	17.05	9.95	73.57	73.96	-0.388	70.74	71	26.43	223.1	0
"2010-08-01	10:00:00"	8.48	251.9	12.64	13.52	6.487	255.8	16.17	10.54	77.78	78.98	-1.199	62.1	60.58	26.433	427.41	0
"2010-08-01	11:00:00"	8.84	240.8	19.6	14.72	6.776	243.2	23	13.52	82.2	83.8	-1.609	51.89	49.59	26.431	625.02	0
"2010-08-01	12:00:00"	10.44	229.2	16.68	18.3	8.2	232.3	21.51	16.51	85.4	87.4	-2.001	44.27	41.27	26.428	789.27	0
"2010-08-01	13:00:00"	10.18	223.2	25.26	18.3	7.905	225.9	30.21	14.72	88.1	90.3	-2.261	38.9	35.95	26.422	902.35	0
"2010-08-01	14:00:00"	11.89	225.2	17.62	21.87	9.1	227.4	22.68	18.89	90.3	92.9	-2.582	33.8	30.68	26.411	954.9	0
"2010-08-01	15:00:00"	13.33	217.7	19.92	24.26	10.16	220.8	23.61	20.68	91.9	94.6	-2.672	32.01	28.72	26.401	906.85	0
"2010-08-01	16:00:00"	12.69	197.6	24.84	23.66	9.12	197.8	28.46	17.7	92.8	95	-2.172	30.97	27.94	26.386	724.45	0
"2010-08-01	17:00:00"	11.91	214.6	19.67	20.09	9.09	218.1	24.16	17.1	93.8	95.9	-2.168	29.18	26.22	26.373	725.4	0
"2010-08-01	18:00:00"	11.98	195.8	19.28	21.87	7.912	196.1	23.48	17.7	94.1	95.8	-1.687	28.56	25.9	26.357	546.38	0
"2010-08-01	19:00:00"	10.69	206.5	18.85	20.09	7.686	207	23.39	15.31	94	95.2	-1.255	28.23	25.92	26.347	419.22	0
"2010-08-01	20:00:00"	10.99	230	13.32	18.3	8.21	233.7	17.21	15.91	93.5	93.9	-0.432	26.48	24.76	26.345	208.21	0
"2010-08-01	21:00:00"	6.264	255	16.1	14.12	3.411	262	21.34	11.14	91.6	90.3	1.29	25.6	25.45	26.356	40.093	0
"2010-08-01	22:00:00"	2.462	294.9	9.42	4.578	1	341.2	19.34	1	89.2	84.5	4.667	29.76	33.33	26.371	0.05286	0
"2010-08-01	23:00:00"	1	319.4	48.68	1.596	1	17.36	9.41	1	87.7	80.2	7.42	31.64	41.04	26.391	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-08-02	00:00:00"	6.59	163.5	14.35	13.52	2.376	156.9	32.27	8.75	83	80.1	2.881	37.98	41.19	26.411	0	0
"2010-08-02	01:00:00"	8.55	161.6	9.38	12.33	4.344	159.7	12.25	8.75	80	78.61	1.413	40.04	42	26.421	0	0
"2010-08-02	02:00:00"	9.14	180.9	10.01	14.72	5.932	181.8	14.67	9.95	77.41	76.32	1.091	40.59	42.25	26.433	0	0
"2010-08-02	03:00:00"	7.18	199.3	9.35	9.95	4.132	206.7	15.35	7.561	74.15	72.43	1.716	44.88	48.36	26.44	0	0
"2010-08-02	04:00:00"	6.252	202.9	7.3	8.16	3.053	209.4	12.13	4.578	73.91	71.15	2.768	44.91	50.25	26.447	0	0
"2010-08-02	05:00:00"	3.381	210	10.77	5.771	1.284	177.3	71.56	3.386	74.79	71.17	3.618	43.72	50.12	26.452	0	0
"2010-08-02	06:00:00"	5.783	183.8	8.33	9.35	2.127	183	19.52	5.175	74.11	70.59	3.524	44.26	50.93	26.449	0	0
"2010-08-02	07:00:00"	6.224	188.4	10.61	9.95	3.441	199	17.64	6.964	72.53	70.27	2.253	46.74	51.19	26.454	0.18407	0
"2010-08-02	08:00:00"	4.92	173.3	8.32	8.75	1.556	175.9	14.06	6.964	70.97	69.37	1.596	53.25	57.35	26.467	46.192	0
"2010-08-02	09:00:00"	6.541	175.7	12.49	12.33	4.53	176.6	16.22	9.95	74.47	74.65	-0.182	48.78	49.87	26.476	222.1	0
"2010-08-02	10:00:00"	10.87	176.2	10.43	17.7	8.14	175.4	14.93	14.12	79.16	80.1	-0.93	39.33	38.66	26.481	430.36	0
"2010-08-02	11:00:00"	12.77	183.4	12.39	18.3	9.71	182.9	17.59	14.12	83.7	85.1	-1.377	30.46	29.21	26.481	633.87	0
"2010-08-02	12:00:00"	11.8	178.6	14.05	17.7	9.01	177.4	17.83	15.31	86.8	88.8	-1.953	25.63	23.81	26.483	805.51	0
"2010-08-02	13:00:00"	10.29	172	17.11	20.68	8.1	171.6	20.76	15.31	89.9	91.9	-2.023	19.9	17.93	26.475	925.35	0
"2010-08-02	14:00:00"	9.04	176	30.19	18.3	7.127	175.8	35.09	15.91	92.1	94.2	-2.076	16.77	14.63	26.464	980.14	0
"2010-08-02	15:00:00"	9.16	146.7	36.08	18.3	7.154	145.5	39.31	17.1	93.6	95.8	-2.185	16.06	13.73	26.445	964.05	0
"2010-08-02	16:00:00"	9.49	141.6	21.58	18.3	7.448	141.1	24.08	15.91	94.9	97	-2.121	14.37	12.02	26.435	920.72	0
"2010-08-02	17:00:00"	8.95	157.2	29.87	17.1	6.961	157.5	33.26	20.09	95.8	97.6	-1.836	13.8	11.46	26.422	811.03	0
"2010-08-02	18:00:00"	8.82	176.4	20.73	15.31	6.787	176.3	24.64	12.93	96.3	97.8	-1.506	13.93	11.66	26.414	640.48	0
"2010-08-02	19:00:00"	9.11	167.2	24	17.1	6.969	167.3	28.43	12.93	96.2	97.3	-1.121	12.71	10.71	26.409	435.29	0
"2010-08-02	20:00:00"	9.2	156.4	12.06	15.31	6.804	155	14.32	11.74	95.2	95.4	-0.225	13.94	12.38	26.414	218.26	0
"2010-08-02	21:00:00"	9.32	146.9	6.497	12.33	5.668	144.7	9.15	9.35	89.6	88.3	1.235	20.28	20.09	26.422	39.514	0
"2010-08-02	22:00:00"	10.89	148.8	7.105	14.12	6.763	146.8	9.66	10.54	84.1	82.7	1.342	25.81	26.15	26.44	0.03993	0
"2010-08-02	23:00:00"	10.53	157.5	7.436	14.12	6.841	156.3	9.81	10.54	80.3	79.41	0.915	30.26	30.6	26.461	0	0
"2010-08-03	00:00:00"	10.06	163.2	6.975	13.52	6.321	161.1	9.61	8.75	77.52	76.57	0.948	35.36	36.09	26.474	0	0
"2010-08-03	01:00:00"	7.003	181	10.59	11.14	3.147	184.8	18.23	7.561	74.97	73.12	1.851	39.88	42.51	26.483	0	0
"2010-08-03	02:00:00"	8.34	183.7	8.24	14.72	4.722	187	12.39	9.95	74.91	73.2	1.701	40.34	43.03	26.488	0	0
"2010-08-03	03:00:00"	8.22	184.7	8.53	12.33	5.064	188.6	14.03	9.35	73.45	72.24	1.211	43.03	45.19	26.492	0	0
"2010-08-03	04:00:00"	8.08	171.3	6.935	11.14	3.475	169.4	11.39	8.16	71.4	69.29	2.116	47.05	51.24	26.494	0	0
"2010-08-03	05:00:00"	8.02	170.6	4.424	9.95	3.222	168.4	8.99	5.771	70.89	68.13	2.766	48.64	54.06	26.492	0	0
"2010-08-03	06:00:00"	8	172.5	6.291	10.54	3.719	171.8	10.83	5.771	70.27	67.5	2.77	51.47	57.05	26.498	0	0
"2010-08-03	07:00:00"	7.107	186.9	7.336	9.95	3.581	192.3	14.96	6.368	70.16	67.49	2.668	53.91	59.1	26.505	0.20774	0
"2010-08-03	08:00:00"	6.835	178.4	7.076	9.35	2.962	179	12.63	6.368	69.48	67.19	2.294	57.47	62.6	26.511	46.041	0
"2010-08-03	09:00:00"	9	171.2	9.7	17.7	6.689	170	12.65	14.12	72.72	73.02	-0.302	56.53	56.94	26.518	225.84	0
"2010-08-03	10:00:00"	13.24	182.5	10.1	21.87	9.71	182.4	14.97	17.1	77.63	78.66	-1.029	51.55	50.28	26.525	435.63	0
"2010-08-03	11:00:00"	15	174.6	10.4	21.87	11.22	173.2	14.65	18.3	82	83.5	-1.516	43.47	41.32	26.524	638.1	0
"2010-08-03	12:00:00"	11.36	181.8	15.91	17.7	8.84	181.3	20.54	13.52	84.7	86.7	-1.995	38.87	36.43	26.527	804.16	0
"2010-08-03	13:00:00"	10.19	175	19.08	18.89	8.08	175	22.21	15.91	87.9	89.9	-2.091	32.66	30.15	26.521	919.47	0
"2010-08-03	14:00:00"	9.57	178.4	23.93	23.07	7.582	178	30.01	18.89	90.1	92.3	-2.193	29.04	26.36	26.506	971.89	0
"2010-08-03	15:00:00"	8.86	146.8	29.13	17.1	7.083	146.1	30.83	14.12	92.5	94.7	-2.14	25.33	22.58	26.493	951.53	0
"2010-08-03	16:00:00"	9.4	119.8	26.34	18.3	7.454	118.4	29.94	15.31	93.7	96.1	-2.396	22.51	19.63	26.471	907.35	0
"2010-08-03	17:00:00"	9.73	150.9	33.18	17.7	7.777	149.9	36.98	18.3	94.8	96.7	-1.956	21.13	18.45	26.452	797.45	0
"2010-08-03	18:00:00"	8.47	131.3	32.98	17.1	6.77	131.7	35.71	14.72	95.2	96.8	-1.612	20.7	18.16	26.441	623.57	0
"2010-08-03	19:00:00"	9.67	148.6	20.48	16.51	7.423	149	23.74	14.72	95.1	96.3	-1.193	20.84	18.56	26.435	418.94	0
"2010-08-03	20:00:00"	10.16	147	10.26	15.31	7.674	146.1	12.57	13.52	94.1	94.6	-0.458	23.03	21.2	26.433	207.95	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-03	21:00:00"	7.722	152.9	6.823	11.74	4.791	149.9	9.37	9.95	90.2	89.2	1.027	29.74	29.51	26.435	35.753	0
"2010-08-03	22:00:00"	8.92	154.2	6.551	14.12	5.217	150.7	9.09	9.95	85.6	84	1.589	35.6	36.34	26.445	0.03495	0
"2010-08-03	23:00:00"	10.55	160.5	7.281	14.72	7.189	158.8	10.07	11.74	82.7	82.1	0.59	40.53	40.51	26.464	0	0
"2010-08-04	00:00:00"	10.55	167	8.03	17.1	7.234	164.9	11.36	12.33	80.3	79.71	0.594	46.54	46.85	26.48	0	0
"2010-08-04	01:00:00"	10.61	177.1	8.46	15.31	7.348	176.5	12.52	11.74	78.11	77.53	0.579	53.67	54.36	26.48	0	0
"2010-08-04	02:00:00"	8.54	184.2	9.18	12.93	5.63	186.8	14.61	9.95	75.76	75.09	0.67	58.58	59.84	26.478	0	0
"2010-08-04	03:00:00"	7.281	187.6	10.58	11.74	2.706	193.5	17.16	9.35	73.49	71.95	1.542	62.55	65.79	26.476	0	0
"2010-08-04	04:00:00"	7.397	197.5	13.4	12.33	4.33	203.6	18.96	8.75	71.9	70.7	1.203	66.04	68.81	26.469	0	0
"2010-08-04	05:00:00"	7.546	185.9	13.36	11.14	4.468	188	23.06	7.561	70.85	69.61	1.241	69.59	72.58	26.462	0	0
"2010-08-04	06:00:00"	6.325	215.4	10.01	8.75	3.695	224.6	15.83	5.771	70.97	69.29	1.686	70.74	74.63	26.466	0	0
"2010-08-04	07:00:00"	6.281	196.9	9.29	8.16	3.07	204.8	16.65	5.175	70.49	68.43	2.069	72.62	77.11	26.471	0.18397	0
"2010-08-04	08:00:00"	6.263	169.4	8.74	8.75	2.515	167.8	11.73	6.964	69.7	68.21	1.49	75.52	79.24	26.483	44.759	0
"2010-08-04	09:00:00"	9.11	157.9	9.13	14.72	7.029	156.5	11.32	11.74	73.54	73.91	-0.366	70.46	70.42	26.493	222.75	0
"2010-08-04	10:00:00"	11.4	162.1	13.65	18.3	8.83	161.6	16.55	15.31	77.37	78.43	-1.062	63.93	62.34	26.5	431.99	0
"2010-08-04	11:00:00"	9.43	158.7	16.73	15.31	7.465	158.6	19.23	12.93	80.3	81.7	-1.484	57.71	55.25	26.502	634.05	0
"2010-08-04	12:00:00"	8.11	154.8	19.51	14.12	6.37	153.9	21.83	12.33	84.1	85.7	-1.579	47.02	44.31	26.498	803.68	0
"2010-08-04	13:00:00"	9.44	151	22.37	19.49	7.494	150.3	25.02	15.91	87.8	90	-2.148	38.4	35.49	26.492	915.61	0
"2010-08-04	14:00:00"	7.6	131	42.28	18.89	6.014	130.9	46.92	17.1	90.3	92.4	-2.048	33.26	30.42	26.478	964.54	0
"2010-08-04	15:00:00"	7.429	89.3	40.23	15.31	5.248	92.3	43.64	12.33	92.8	95.2	-2.425	27.25	24.18	26.455	952.41	0
"2010-08-04	16:00:00"	9.16	100.2	28.87	17.7	7.121	100.2	33.1	15.31	94.3	96.8	-2.536	23.07	19.99	26.433	912.21	0
"2010-08-04	17:00:00"	8.66	118	33.28	18.89	6.794	118.9	36.54	14.72	95.1	97.2	-2.171	22.15	19.21	26.416	796.42	0
"2010-08-04	18:00:00"	8.6	108.3	24.96	17.7	6.881	107.1	28.81	15.91	95	96.9	-1.857	24.31	21.41	26.402	618.5	0
"2010-08-04	19:00:00"	10.35	134.1	20.82	19.49	7.866	134.2	23.83	16.51	94.7	96.1	-1.358	24.6	22.11	26.393	413.4	0
"2010-08-04	20:00:00"	9.62	144.2	13.27	16.51	7.182	143.9	15.82	13.52	93.9	94.4	-0.543	25.74	23.86	26.388	202.28	0
"2010-08-04	21:00:00"	7.402	131.5	9.8	14.12	4.279	130	12.83	10.54	90.5	89.1	1.419	29.29	29.59	26.392	32.895	0
"2010-08-04	22:00:00"	8.49	125.2	5.773	10.54	4.411	122.7	10.92	6.964	86.1	83.9	2.193	33.87	35.15	26.397	0.02882	0
"2010-08-04	23:00:00"	8.17	124.8	10.03	14.12	4.724	118.9	14.7	8.75	83	81.4	1.595	39.57	40.72	26.419	0	0
"2010-08-05	00:00:00"	8.59	141.9	10.88	12.93	5.369	138.9	13.24	8.75	82	81	1.082	43.97	44.82	26.438	0	0
"2010-08-05	01:00:00"	9.45	160.9	7.498	13.52	6.459	158.9	9.97	11.74	79.56	79.07	0.491	50.33	50.67	26.443	0	0
"2010-08-05	02:00:00"	7.04	175.1	12.76	11.74	4.612	178.1	17.54	8.75	76.51	75.82	0.687	57.87	58.94	26.445	0	0
"2010-08-05	03:00:00"	5.914	174	9.17	8.16	2.99	175.5	14.31	6.368	74.75	73.48	1.276	63.04	65.22	26.443	0	0
"2010-08-05	04:00:00"	6.535	173.5	7.446	9.95	3.527	175.4	12.73	5.771	74.19	72.84	1.349	66.2	68.87	26.441	0	0
"2010-08-05	05:00:00"	6.096	184.1	9.67	12.33	3.293	189.7	17.24	8.16	73.8	72.55	1.251	68.32	70.97	26.44	0	0
"2010-08-05	06:00:00"	4.35	208.4	12.84	6.964	2.338	227	22.53	3.982	73.97	72.06	1.919	68.21	71.91	26.452	0	0
"2010-08-05	07:00:00"	3.466	196.5	16.28	6.368	1.316	219.7	37.24	4.578	74.05	72.2	1.852	67.96	71.86	26.459	0.12178	0
"2010-08-05	08:00:00"	6.955	24.61	17.43	12.93	4.552	23.5	19.45	8.75	69.48	68.55	0.927	77.27	80.1	26.481	39.651	0
"2010-08-05	09:00:00"	8.46	21.76	10.74	14.12	6.233	21.82	17.03	13.52	72.53	73.3	-0.772	73.09	72.39	26.497	206.59	0
"2010-08-05	10:00:00"	8.2	39.93	15.53	13.52	6.444	40.38	19.56	12.93	75.83	77.46	-1.632	66.42	63.96	26.504	409.44	0
"2010-08-05	11:00:00"	5.494	63.08	41.34	9.95	4.39	67.75	47.37	9.35	79.45	81	-1.575	58.7	56.02	26.501	608.96	0
"2010-08-05	12:00:00"	5.421	75.92	48.85	10.54	4.556	78.36	52.95	9.35	82.6	84.4	-1.826	53.82	50.61	26.494	774.32	0
"2010-08-05	13:00:00"	6.404	92.3	55.83	15.91	5.31	94.1	60.48	12.93	85.6	87.6	-1.975	48.51	44.83	26.48	832.85	0
"2010-08-05	14:00:00"	7.939	117.1	38.11	17.1	6.301	118.4	43.65	15.31	87.6	89.5	-1.911	43.1	39.69	26.461	704.41	0
"2010-08-05	15:00:00"	8.4	122.8	40.17	22.47	6.703	123.2	41.65	16.51	90.2	92.4	-2.237	37.37	34.11	26.437	891.73	0
"2010-08-05	16:00:00"	8.7	106.6	29.38	16.51	6.851	107.7	32.72	14.12	91.4	93.5	-2.088	34.29	31.18	26.416	613.23	0
"2010-08-05	17:00:00"	8.59	120	26.9	15.91	6.653	120.1	29.39	13.52	92.1	93.6	-1.51	32.84	30.23	26.396	483.86	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-05	18:00:00"	10.04	130.3	18.6	18.89	7.829	130.8	19.97	14.72	92.7	94.1	-1.407	32.06	29.52	26.379	487.69	0	
"2010-08-05	19:00:00"	9.57	149.3	23.16	17.1	7.292	149.4	24.03	14.12	92.8	93.8	-1.067	31.58	29.31	26.36	319.01	0	
"2010-08-05	20:00:00"	10.36	150.6	14.4	15.31	7.804	149.8	15.92	12.93	92.2	92.7	-0.515	31.88	30.12	26.347	177.63	0	
"2010-08-05	21:00:00"	8.22	141.9	10.3	15.91	5.463	141.3	12.41	11.74	89.4	88.8	0.554	34.95	34.36	26.355	28.847	0	
"2010-08-05	22:00:00"	7.482	123.3	5.668	9.95	3.943	117.2	10.77	6.368	85.6	83.7	1.915	37.75	39.17	26.38	0.01388	0	
"2010-08-05	23:00:00"	7.659	113	6.091	9.95	3.921	97.8	12.38	5.771	83.2	80.5	2.727	38.37	41.78	26.4	0	0	
"2010-08-06	00:00:00"	7.268	107.8	20.67	10.54	4.289	103.2	23.82	6.964	81.5	80.1	1.423	41.16	42.63	26.414	0	0	
"2010-08-06	01:00:00"	4.323	72.86	31.39	7.561	2.896	37.65	37.74	4.578	78.86	76.09	2.771	49.34	54.51	26.425	0	0	
"2010-08-06	02:00:00"	2.031	31.7	36.62	6.368	3.008	24.3	24.42	4.578	79.52	73.39	6.131	46.55	60.67	26.434	0	0	
"2010-08-06	03:00:00"	5.162	29.41	31.04	17.1	4.493	11.65	21.72	13.52	77.34	71.36	5.978	52.81	67.88	26.44	0	0	
"2010-08-06	04:00:00"	13.48	22.86	13.37	21.28	9.59	23.06	19	17.7	73.89	73.79	0.104	68.97	69.41	26.453	0	0	
"2010-08-06	05:00:00"	12.15	48.23	10.15	20.09	8.76	50.29	13.31	16.51	70.64	70.56	0.082	77.03	77.74	26.458	0	0	
"2010-08-06	06:00:00"	11.07	54.61	9.22	16.51	7.825	55.86	11.97	13.52	68.59	68.45	0.145	81.5	82.6	26.462	0	0	
"2010-08-06	07:00:00"	9.23	73.97	10.87	13.52	6.078	73.69	13.6	11.14	67.01	66.75	0.262	83.8	85.4	26.457	0.05251	0	
"2010-08-06	08:00:00"	9.45	87	11.81	14.12	6.472	86.1	13.85	10.54	66.52	66.51	0.015	84.6	85.8	26.453	37.293	0	
"2010-08-06	09:00:00"	10.32	77.06	10.12	15.31	7.533	77.26	13.77	12.93	69.69	70.49	-0.793	78.1	77.44	26.469	203.39	0	
"2010-08-06	10:00:00"	11.25	95.5	11.16	15.31	8.49	95.1	14.48	12.33	75.42	76.76	-1.338	65.39	63.42	26.478	405.43	0	
"2010-08-06	11:00:00"	10.17	121.4	19.88	15.31	7.848	121.9	22.96	13.52	79.82	81.6	-1.76	55.42	52.63	26.479	602.43	0	
"2010-08-06	12:00:00"	7.924	152.6	26.94	15.31	6.299	152	28.6	13.52	82.7	84.4	-1.724	49.48	46.48	26.48	765.41	0	
"2010-08-06	13:00:00"	7.568	154.3	35	14.72	6.272	151.2	38.48	12.33	84.9	87	-2.097	45.98	42.32	26.467	878.2	0	
"2010-08-06	14:00:00"	6.866	190.6	37.73	17.1	5.553	191.2	41.91	14.72	87.1	89	-1.883	42.87	39.45	26.45	738.48	0	
"2010-08-06	15:00:00"	7.964	151.4	43.8	17.1	6.439	153.3	48.08	13.52	88.6	90.7	-2.075	39.36	36.17	26.433	784.93	0	
"2010-08-06	16:00:00"	6.951	185.6	45.54	15.31	5.65	186.2	50.6	12.93	91	93.3	-2.285	33.1	29.93	26.412	969.65	0	
"2010-08-06	17:00:00"	5.98	167.7	45.75	13.52	4.804	166.9	47.13	12.33	91.3	92.5	-1.197	32.24	29.88	26.389	287.28	0	
"2010-08-06	18:00:00"	6.18	159	32.25	12.33	4.951	158.8	36.35	10.54	92	93.1	-1.124	31.3	29.04	26.369	425.12	0	
"2010-08-06	19:00:00"	7.693	129.6	15.46	13.52	5.968	130.1	18.23	11.74	92	93.1	-1.144	32.06	29.81	26.362	285.8	0	
"2010-08-06	20:00:00"	5.975	129.1	8.28	9.35	3.907	128.6	10.41	7.561	90.6	90.3	0.216	33.62	32.98	26.354	68.86	0	
"2010-08-06	21:00:00"	6.012	105.7	16.12	9.35	3.283	98.1	18.57	5.771	88.7	87	1.702	36.64	38.47	26.352	28.143	0	
"2010-08-06	22:00:00"	7.439	89.6	6.757	11.74	4.132	81.5	11.67	6.368	84.9	82.2	2.694	41.26	44.87	26.368	0.00891	0	
"2010-08-06	23:00:00"	9.43	98.8	13.17	13.52	6.229	96.4	16.19	9.95	81.4	80.7	0.685	48.58	49.04	26.391	0	0	
"2010-08-07	00:00:00"	8.31	96.3	7.828	11.74	5.093	92.1	10.96	8.75	79.95	79.07	0.885	52.55	53.5	26.406	0	0	
"2010-08-07	01:00:00"	8.44	104.8	7.426	11.14	5.325	102.1	11.18	7.561	78.6	77.84	0.755	57.04	58.01	26.404	0	0	
"2010-08-07	02:00:00"	6.82	112	7.787	9.95	3.706	99	14.46	6.368	76.26	74.7	1.559	61.69	64.47	26.4	0	0	
"2010-08-07	03:00:00"	7.592	156.3	19.48	12.33	4.532	153.8	22.04	7.561	74.84	73.91	0.938	62.97	65.14	26.403	0	0	
"2010-08-07	04:00:00"	7.107	183.7	13.85	9.95	3.896	187.7	19.62	6.368	73.62	72.56	1.059	61.92	64.55	26.391	0	0	
"2010-08-07	05:00:00"	7.112	177.1	11.59	10.54	4.01	178	18.38	8.16	73.21	71.91	1.299	61.22	64.34	26.383	0	0	
"2010-08-07	06:00:00"	5.109	174.2	16.31	7.561	1.322	173.3	29.32	4.578	73.4	71.56	1.841	61.81	65.5	26.383	0	0	
"2010-08-07	07:00:00"	3.608	139.4	36.19	6.368	1	97.5	53.22	1	72.45	70.33	2.118	65.34	69.38	26.389	0.07493	0	
"2010-08-07	08:00:00"	5.18	80.9	20.74	7.561	1	52.11	16.5	1	71.5	68.11	3.381	67.84	75.02	26.395	33.948	0	
"2010-08-07	09:00:00"	4.03	79.95	30.32	9.35	1.783	76.8	32.05	7.561	73.24	73.76	-0.522	67.3	67.26	26.395	200.42	0	
"2010-08-07	10:00:00"	9.23	162.5	17.92	14.12	7.194	161.5	20.22	11.74	78.85	79.95	-1.097	54.59	53.01	26.406	405.41	0	
"2010-08-07	11:00:00"	9.95	175.2	15.12	18.3	7.718	174.2	18.88	14.12	82.8	84.5	-1.683	44.11	41.69	26.406	605.34	0	
"2010-08-07	12:00:00"	9.65	164.6	19.06	17.1	7.771	163.4	22.33	16.51	86.8	88.6	-1.812	33.63	31.29	26.398	770.36	0	
"2010-08-07	13:00:00"	12.12	156	19.23	19.49	9.51	155.1	20.79	16.51	90	92.2	-2.228	29.07	26.23	26.389	887.71	0	
"2010-08-07	14:00:00"	12.73	165.9	22.03	22.47	10.06	165.9	25.11	18.89	91.7	94.1	-2.465	27.2	24.06	26.369	944.82	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-07	15:00:00"	12.43	177	23.53	21.28	9.72	177.6	27.47	20.09	93.4	96.1	-2.728	24.63	21.34	26.351	926.88	0
"2010-08-07	16:00:00"	12.05	176	21.02	22.47	9.27	175.8	24.57	18.3	94.2	96.7	-2.521	23.98	20.72	26.332	884.35	0
"2010-08-07	17:00:00"	11.77	183.2	18.72	24.86	8.79	182.7	22.83	18.3	94.9	97.2	-2.368	23.92	20.71	26.313	769.45	0
"2010-08-07	18:00:00"	11.56	176.6	21.65	22.47	8.87	177.5	26.7	17.7	95.2	97.2	-2.013	23.22	20.21	26.301	603.28	0
"2010-08-07	19:00:00"	11.69	172.3	18.42	23.07	8.85	172.1	23.27	18.3	95.1	96.6	-1.415	23.16	20.52	26.289	400.01	0
"2010-08-07	20:00:00"	11.18	153.4	15.73	16.51	8.38	152.7	17.08	13.52	94.2	94.7	-0.545	24.42	22.34	26.283	183.89	0
"2010-08-07	21:00:00"	10	143.4	7.558	16.51	6.95	142.6	9.56	12.33	90.5	90	0.47	29.34	28.34	26.296	20.227	0
"2010-08-07	22:00:00"	9.43	150.8	6.977	12.93	6.149	149	9.28	9.95	85.4	84.5	0.833	34.96	34.81	26.309	0.01025	0
"2010-08-07	23:00:00"	9.3	164.3	8.03	12.33	6.297	162.8	10.48	9.35	82.2	81.6	0.627	39.59	39.58	26.332	0	0
"2010-08-08	00:00:00"	11.06	167.7	8.3	15.31	7.892	166.9	11.41	12.33	81.8	81.3	0.54	41.82	41.8	26.354	0	0
"2010-08-08	01:00:00"	10.23	173.3	8.94	14.72	7.11	172.6	12.63	11.74	79.83	79.26	0.57	45.82	46.18	26.37	0	0
"2010-08-08	02:00:00"	9.09	173.4	8.39	14.12	5.88	172	12.63	10.54	77.61	76.8	0.811	49.66	50.78	26.377	0	0
"2010-08-08	03:00:00"	8.59	166	10.16	11.74	5.414	165.5	12.97	8.75	75.6	74.75	0.845	53.17	54.67	26.368	0	0
"2010-08-08	04:00:00"	8.24	169.8	9.93	13.52	5.15	167.7	13.34	9.95	74.61	73.75	0.856	56.1	57.73	26.358	0	0
"2010-08-08	05:00:00"	6.861	149.8	8.49	9.95	3.883	149.5	13.46	6.964	73.35	72.31	1.038	60.24	62.39	26.35	0	0
"2010-08-08	06:00:00"	5.991	150.7	16.86	8.75	2.411	147.6	26.79	5.771	72.08	70.68	1.404	63.96	66.94	26.348	0	0
"2010-08-08	07:00:00"	5.991	104.7	13.48	10.54	2.777	83.1	24	6.964	69.46	68.01	1.451	69.83	73.2	26.35	0.0595	0
"2010-08-08	08:00:00"	8.21	126.9	10.9	12.93	5.545	125	14.94	11.14	70.8	70.31	0.487	71.15	72.83	26.357	36.016	0
"2010-08-08	09:00:00"	10.13	154.3	17	16.51	7.689	153.8	18.39	12.93	73.89	74.35	-0.468	68.12	67.73	26.362	202.14	0
"2010-08-08	10:00:00"	11.14	178.9	11.48	17.7	8.46	178.4	16.32	14.12	77.62	78.87	-1.242	62.71	60.66	26.376	404.55	0
"2010-08-08	11:00:00"	9.36	177.6	17.73	14.72	7.442	177.8	23.2	12.93	81	82.7	-1.647	55.03	52.19	26.374	602.9	0
"2010-08-08	12:00:00"	8.21	182.5	21.42	18.3	6.523	182.2	26.84	16.51	84.6	86.6	-1.973	48.09	44.59	26.372	766.03	0
"2010-08-08	13:00:00"	8.58	153.8	24.29	15.91	6.878	153.2	26.98	12.93	88	90	-1.945	41.81	38.41	26.365	781.75	0
"2010-08-08	14:00:00"	9.07	154.6	32.43	16.51	7.244	154.1	34.25	14.72	90.6	93.1	-2.415	36.46	33	26.35	942.87	0
"2010-08-08	15:00:00"	7.787	159	41.17	14.72	6.26	158.5	46.04	12.93	92.7	95	-2.233	32.98	29.59	26.329	911.69	0
"2010-08-08	16:00:00"	8.77	126.1	46.25	20.09	6.988	126.2	50.3	17.1	94.9	97.2	-2.325	29.52	26.01	26.3	815.66	0
"2010-08-08	17:00:00"	7.316	122	36.03	15.31	5.827	120.6	38.71	11.74	94.6	96	-1.347	29.13	26.38	26.283	472.06	0
"2010-08-08	18:00:00"	10.58	91.9	32.42	19.49	8	90.8	31.63	16.51	95.8	98	-2.155	27.76	24.32	26.271	584.01	0
"2010-08-08	19:00:00"	6.713	52.82	38.29	15.31	4.372	51.24	44.28	12.33	91.7	90.9	0.775	35.02	38.79	26.269	127.07	0
"2010-08-08	20:00:00"	15.17	343	44.83	40.96	9.99	341	44.47	30.82	80.7	79.83	0.857	54.51	57.85	26.315	21.919	0.23
"2010-08-08	21:00:00"	18.85	306.6	9.24	26.05	9.9	308	12.8	18.3	70.68	70.3	0.383	81.9	85.1	26.355	0.38254	0.55
"2010-08-08	22:00:00"	14.75	315.8	43.74	23.66	9.42	318.1	43.86	18.89	70.22	69.56	0.664	80.5	85	26.394	0.11057	0.5
"2010-08-08	23:00:00"	7.175	74.3	65.76	12.33	3.98	75.91	64.77	9.95	72.95	69.42	3.529	63.72	79.4	26.414	0.00029	0.2
"2010-08-09	00:00:00"	6.09	150.5	53.35	12.33	2.711	160.4	60.48	8.75	70.5	69.04	1.46	74.14	85	26.416	0	0
"2010-08-09	01:00:00"	9.98	166.6	12.03	17.1	7.027	166.6	14.97	14.12	69.55	69.24	0.303	82.9	86.4	26.417	0	0.02
"2010-08-09	02:00:00"	7.623	251.5	40.93	14.12	3.411	261.8	38.52	11.74	71.34	70.01	1.329	73.79	82.5	26.373	0	0.01
"2010-08-09	03:00:00"	10.06	226.2	29.37	18.89	7.117	228	32.53	13.52	69.57	69.31	0.259	84.8	87.6	26.399	0	0
"2010-08-09	04:00:00"	4.898	266.6	17.66	8.75	1.914	268.9	22.16	6.964	69.37	68.82	0.547	80.4	85	26.394	0	0
"2010-08-09	05:00:00"	1.752	130.4	68.5	4.578	1	101.8	66.25	1	69.72	68.61	1.112	77.83	88.3	26.384	0	0
"2010-08-09	06:00:00"	4.036	85.5	11.27	6.368	1	70.97	13.56	1	69.02	68.43	0.598	84.1	89.5	26.381	0	0
"2010-08-09	07:00:00"	2.571	141.3	31.47	4.578	1	122.9	63.34	1	70.2	69.24	0.969	80.3	87.5	26.389	0.07675	0
"2010-08-09	08:00:00"	3.639	180.2	22.59	5.771	1.01	192.3	34.06	2.789	71.75	70.94	0.813	76.14	82.9	26.397	45.423	0
"2010-08-09	09:00:00"	6.504	147.3	9.72	9.95	4.074	147.1	11.43	9.35	73.16	73.21	-0.056	77.94	80	26.411	159.74	0
"2010-08-09	10:00:00"	9.28	156	11.88	14.12	6.272	155.2	14	12.33	75.77	76.31	-0.536	73.73	74.51	26.42	368.46	0
"2010-08-09	11:00:00"	9.8	162.7	13.13	14.72	5.58	161.4	15.29	11.74	77.75	78.46	-0.716	70.34	70.73	26.423	382.84	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-09	12:00:00"	10.49	172.4	12.26	15.31	6.851	171.4	16.59	12.93	79.62	80.3	-0.676	67.08	67.38	26.431	387.77	0	
"2010-08-09	13:00:00"	11.14	190.3	14.02	16.51	8.07	190.6	18.65	12.93	80.7	81.6	-0.856	63.92	63.94	26.434	410.35	0	
"2010-08-09	14:00:00"	9.14	195.7	12.8	13.52	6.527	197.2	17.74	11.14	79.06	79.38	-0.311	66.21	67.04	26.439	188.54	0	
"2010-08-09	15:00:00"	9.58	186.5	13.55	18.3	7.166	186.6	18.94	14.12	80.5	81.9	-1.322	62.27	61.75	26.42	710.91	0	
"2010-08-09	16:00:00"	10.2	184.4	16.58	18.89	7.589	183.7	21.42	13.52	83.6	85.1	-1.544	55.42	54.66	26.379	881.3	0	
"2010-08-09	17:00:00"	8.96	166.9	18.43	16.51	6.933	166.3	21.53	14.12	85.3	86.3	-0.997	49.18	48.92	26.37	609.81	0	
"2010-08-09	18:00:00"	8.58	191.2	13.59	14.12	5.844	191.8	18.63	10.54	85.9	86.3	-0.363	46.81	47.44	26.367	291.87	0	
"2010-08-09	19:00:00"	7.671	194.6	22.06	13.52	5.105	196.5	26.62	11.14	86.8	87.3	-0.538	46.72	46.73	26.348	344.29	0	
"2010-08-09	20:00:00"	14.76	143	25.53	29.03	10.4	141.8	25.2	21.28	80.9	80.9	-0.011	58.07	58.99	26.373	89.752	0	
"2010-08-09	21:00:00"	13.32	97	10.41	19.49	9.58	96.3	13.11	16.51	74.65	74.59	0.062	70.21	71.55	26.395	23.021	0	
"2010-08-09	22:00:00"	8.69	99.4	10.26	13.52	5.777	98.4	12.42	11.14	72.02	71.69	0.33	75.81	78.41	26.404	0.00239	0	
"2010-08-09	23:00:00"	9.76	109.7	7.321	13.52	6.478	107.6	11.52	9.95	72.94	72.37	0.564	71.6	74.56	26.418	0	0	
"2010-08-10	00:00:00"	7.951	105.1	8.96	11.74	4.704	102.5	13.12	8.16	71.43	70.87	0.559	77.49	80.4	26.428	0	0	
"2010-08-10	01:00:00"	8.72	107	8.08	12.33	5.349	104.2	11.97	8.75	70.47	69.95	0.521	82.4	85.3	26.428	0	0	
"2010-08-10	02:00:00"	8.12	115.6	9.13	11.74	4.928	114.5	12.59	8.16	70.44	69.84	0.6	81.9	85	26.422	0	0	
"2010-08-10	03:00:00"	7.014	110.1	10.03	9.95	3.786	106.2	13.52	7.561	69.71	69.13	0.576	83.4	86.4	26.413	0	0	
"2010-08-10	04:00:00"	6.344	119.5	11.99	9.35	2.988	116.8	16.44	6.964	68.92	68.42	0.499	86	88.8	26.408	0	0	
"2010-08-10	05:00:00"	6.733	122.1	9.65	9.35	2.297	119.4	13.67	6.964	68.65	68.1	0.548	86.2	89.1	26.404	0	0	
"2010-08-10	06:00:00"	6.174	113.4	13.11	9.35	1.996	108.4	17.56	5.771	68.24	67.68	0.56	87.4	90.2	26.403	0	0	
"2010-08-10	07:00:00"	6.192	85.3	9.71	11.14	1.876	77.54	11.41	6.368	67.19	66.65	0.543	89.6	92.3	26.413	0.04082	0	
"2010-08-10	08:00:00"	5.556	71.94	9.12	8.16	1.136	65.66	13.41	4.578	66.84	66.54	0.298	90.3	92.8	26.426	35.458	0	
"2010-08-10	09:00:00"	6.848	99.4	15.95	10.54	4.313	98.2	18.81	8.16	69.45	69.87	-0.422	85.7	86.8	26.435	195.81	0	
"2010-08-10	10:00:00"	9.84	163.2	24.26	16.51	7.147	164.1	25.6	14.12	74.15	75.02	-0.868	75.11	74.97	26.445	399.94	0	
"2010-08-10	11:00:00"	9.68	187.6	15.25	14.72	7.114	188.3	19.81	12.33	77.22	78.63	-1.408	70.85	69.61	26.45	598.45	0	
"2010-08-10	12:00:00"	7.72	195	19.28	12.93	5.718	194.5	23.43	11.14	81.1	82.4	-1.328	62.09	60.85	26.451	765.48	0	
"2010-08-10	13:00:00"	5.331	175.1	48.31	10.54	3.711	176.4	51.29	8.75	84.2	85.4	-1.228	55.24	53.96	26.444	880.66	0	
"2010-08-10	14:00:00"	4.532	110.7	43.91	11.14	2.674	116.9	52.25	8.75	86.8	88	-1.172	46.82	45.42	26.433	935.27	0	
"2010-08-10	15:00:00"	4.509	124.6	58.6	10.54	2.593	124.5	61.59	9.95	89	90.3	-1.254	41.37	39.95	26.417	933.81	0	
"2010-08-10	16:00:00"	5.395	114.1	46.21	12.93	3.424	116.3	50.82	10.54	90.4	91.7	-1.322	38.29	37	26.397	886.55	0	
"2010-08-10	17:00:00"	4.558	114.7	57.95	10.54	2.616	114.2	65.53	9.95	91.5	92.6	-1.05	35.84	34.6	26.377	754.4	0	
"2010-08-10	18:00:00"	6.393	125.9	35.23	13.52	4.412	127	39.13	10.54	92	92.8	-0.79	35.9	34.98	26.366	513.62	0	
"2010-08-10	19:00:00"	7.103	121.6	18.18	13.52	4.696	122.5	20.72	11.74	91.8	92.1	-0.293	36.05	35.82	26.362	291.24	0	
"2010-08-10	20:00:00"	6.355	121	14.8	12.33	2.463	120.9	16.99	10.54	91.5	91.3	0.199	36.95	37.7	26.361	186.55	0	
"2010-08-10	21:00:00"	6.355	89.6	16.88	9.35	1.036	82.2	20.82	4.578	87.6	85.3	2.385	45.47	51.82	26.376	11.845	0	
"2010-08-10	22:00:00"	6.702	66.92	5.262	8.16	1	58.67	8.44	1	82.9	80.2	2.701	56.98	65.21	26.4	0	0	
"2010-08-10	23:00:00"	8.55	24.53	36.38	18.89	4.002	20	37.34	16.51	81.5	80.3	1.224	57.13	61.14	26.422	0	0	
"2010-08-11	00:00:00"	15.35	14.82	15.27	24.26	10.84	13.69	20.81	18.89	78.96	78.71	0.241	58.29	59.02	26.438	0.0001	0	
"2010-08-11	01:00:00"	10.46	63.87	24.77	23.07	7.106	65.27	26.31	15.91	78.06	77.8	0.26	63.96	64.95	26.438	0	0	
"2010-08-11	02:00:00"	8.26	109.5	18.59	17.1	4.017	109.5	21.04	13.52	76.59	76.18	0.408	69.21	71.02	26.427	0	0	
"2010-08-11	03:00:00"	8.3	181.9	13.38	11.74	4.62	186.2	17.44	8.16	77.08	76.17	0.906	66.83	69.96	26.408	0	0	
"2010-08-11	04:00:00"	7.308	192.2	7.588	10.54	2.373	194.9	13.03	6.964	75.1	73.96	1.136	70.44	74.35	26.406	0	0	
"2010-08-11	05:00:00"	6.492	174.6	8.3	9.95	1	168.2	13.03	1	75.23	73.53	1.706	70.01	75.93	26.411	0	0	
"2010-08-11	06:00:00"	5.874	157	7.142	8.16	1	147.5	8.15	1	74.94	72.87	2.074	69.81	77.22	26.417	0	0	
"2010-08-11	07:00:00"	5.367	154.7	7.134	8.16	1	145.4	10.16	1	74.11	72.26	1.851	71.05	77.72	26.426	0.05366	0	
"2010-08-11	08:00:00"	5.552	168.1	9.84	7.561	1	165.7	15.92	1	74.07	72.54	1.535	71.47	77.44	26.434	32.652	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-11	09:00:00"	7.022	181.9	10.32	12.33	3.163	181.3	14.43	8.75	76.24	76.37	-0.137	69.47	70.79	26.447	193.63	0	
"2010-08-11	10:00:00"	9.54	184	11.16	14.72	6.8	183.4	16.18	12.33	79.08	79.94	-0.858	64.88	64.41	26.46	393.88	0	
"2010-08-11	11:00:00"	9.42	174.1	13.23	14.72	7.008	173.3	17.05	11.74	81.5	82.7	-1.232	60.88	59.61	26.466	592.12	0	
"2010-08-11	12:00:00"	8.78	171.4	17.51	14.72	6.712	169.8	20.88	12.33	84.5	85.9	-1.345	53.33	51.77	26.466	758.43	0	
"2010-08-11	13:00:00"	7.836	164.8	23.62	15.91	5.819	163.8	28.1	12.93	87	88.4	-1.431	47.06	45.28	26.459	876.38	0	
"2010-08-11	14:00:00"	7.924	159.7	29.38	14.72	5.863	160	34.94	12.93	88.8	90.3	-1.506	42.9	41.05	26.441	903.5	0	
"2010-08-11	15:00:00"	6.851	114.6	61.1	16.51	4.659	113.3	60.03	13.52	88.3	88.9	-0.678	44.36	44.43	26.42	411.95	0.02	
"2010-08-11	16:00:00"	9.04	170.9	75.48	16.51	5.888	172.7	73.67	13.52	87.6	87.3	0.321	46.26	49.62	26.399	380.07	0	
"2010-08-11	17:00:00"	6.357	151.8	34.17	13.52	4.405	151.7	38.31	10.54	90.9	91.9	-1	38.78	37.85	26.375	763.75	0	
"2010-08-11	18:00:00"	6.02	106.4	53	12.33	3.995	106.2	55.78	9.95	91.7	92.5	-0.807	38.3	37.37	26.362	535.69	0	
"2010-08-11	19:00:00"	8.04	109.9	20.62	16.51	5.064	110.5	23.41	12.93	90.3	89.9	0.418	41.99	44.29	26.361	256.75	0.07	
"2010-08-11	20:00:00"	13.6	166.4	15.62	36.19	9.63	166.1	17.25	27.84	76.35	75.71	0.64	70.09	74.38	26.379	44.92	0.01	
"2010-08-11	21:00:00"	4.169	93.1	40.35	8.16	1.369	81.8	52.52	5.175	76.09	75.28	0.81	73.07	79.44	26.389	7.0676	0	
"2010-08-11	22:00:00"	6.138	79	17.64	9.35	1.213	67.93	34.81	5.175	74.46	73.39	1.066	76.39	82	26.408	0	0	
"2010-08-11	23:00:00"	6.478	99.4	36.17	9.35	1.18	86.1	43.74	5.175	74.38	72.65	1.737	72.63	80.5	26.431	0	0	
"2010-08-12	00:00:00"	7.071	106.3	6.557	10.54	1.616	88.8	13.21	5.771	75.72	73.42	2.298	68.49	77.66	26.43	0	0	
"2010-08-12	01:00:00"	6.59	102.9	10.87	8.75	1.001	84.8	13.37	2.193	74.96	72.53	2.434	70.66	79.82	26.425	0	0	
"2010-08-12	02:00:00"	7.573	103.9	9.54	9.95	1.906	90.3	17.19	5.771	74.59	72.36	2.227	72.03	80.2	26.427	0	0	
"2010-08-12	03:00:00"	6.079	83.8	11.3	8.75	1	57.15	18.09	1.596	73.34	70.69	2.649	74.82	84.3	26.422	0	0	
"2010-08-12	04:00:00"	7.147	114.1	8.64	9.35	1.008	102.9	13.98	3.386	73.28	71.47	1.817	75.15	81.8	26.414	0	0	
"2010-08-12	05:00:00"	6.968	124.2	10.36	9.95	1.141	120.3	14.36	6.368	72.94	71.56	1.381	76.43	81.6	26.412	0	0	
"2010-08-12	06:00:00"	7.163	131	7.344	9.95	1.131	126	11.12	5.771	72.32	70.83	1.484	77.37	82.9	26.407	0	0	
"2010-08-12	07:00:00"	6.414	140.6	6.114	8.75	1	131.4	9.48	1	72.42	70.52	1.899	75.97	82.7	26.411	0.04915	0	
"2010-08-12	08:00:00"	6.452	150.1	10.05	8.16	1	147.2	13.78	1	72.31	70.91	1.394	75.55	81.1	26.422	32.092	0	
"2010-08-12	09:00:00"	7.59	166.4	9.74	12.33	4.012	164.8	12.78	11.14	74.21	74.28	-0.069	72.89	74.65	26.433	193.87	0	
"2010-08-12	10:00:00"	8.75	181.6	10.71	14.12	6.342	181.8	15.97	11.14	78.01	78.65	-0.643	66.12	66.64	26.438	396.93	0	
"2010-08-12	11:00:00"	9.94	186.1	12.91	14.72	7.238	185.1	17.18	12.33	81.3	82.3	-1.027	58.66	58.56	26.437	594.15	0	
"2010-08-12	12:00:00"	10.06	183.2	16.35	17.1	7.584	182	20.35	12.93	84.8	86	-1.217	49.04	48.49	26.435	760.64	0	
"2010-08-12	13:00:00"	11.05	180.3	18.3	17.7	8.36	178.2	22.68	15.91	87.1	88.6	-1.432	43.07	41.87	26.425	875.97	0	
"2010-08-12	14:00:00"	10.38	177.4	20.56	16.51	7.983	177.2	24.52	14.72	88.5	90.1	-1.635	38.8	37.44	26.404	933.54	0	
"2010-08-12	15:00:00"	9.64	165.9	22.63	17.7	7.418	163.4	25.79	15.31	89.5	91.2	-1.689	36.6	35.08	26.388	919.52	0	
"2010-08-12	16:00:00"	10.07	178.1	18.8	18.89	7.755	178.6	22.93	15.31	90.7	92.4	-1.725	36.06	34.41	26.366	887.42	0	
"2010-08-12	17:00:00"	10.76	170.2	19.1	18.3	8.13	170.9	20.57	14.72	91.4	92.8	-1.41	34.51	32.95	26.343	723.29	0	
"2010-08-12	18:00:00"	8.98	177.1	21.41	20.68	6.478	176.6	24.47	14.72	91.7	92.8	-1.087	33.83	32.56	26.324	559.2	0	
"2010-08-12	19:00:00"	9.01	173.1	15.68	15.31	6.729	170.8	20.36	14.12	91.9	92.6	-0.734	33.82	32.74	26.306	383.24	0	
"2010-08-12	20:00:00"	7.678	159.4	12.8	11.74	5.262	158.6	16.49	9.35	91.1	91	0.059	35.22	35.16	26.295	172.31	0	
"2010-08-12	21:00:00"	6.827	136	7.206	8.75	2.442	126.7	12.51	5.175	88.1	85.4	2.63	39.64	45.76	26.297	13.152	0	
"2010-08-12	22:00:00"	7.239	142.9	8.83	12.33	2.466	124.6	23.98	6.368	86	82.8	3.164	41.89	49.61	26.31	0	0	
"2010-08-12	23:00:00"	10.04	151.1	8.43	14.72	6.434	149	10.29	11.14	82.2	81.2	1.025	51.54	53.44	26.321	0	0	
"2010-08-13	00:00:00"	7.683	154.6	6.547	10.54	3.133	152.4	8.9	6.368	79.71	78.75	0.961	58.27	60.6	26.339	0	0	
"2010-08-13	01:00:00"	8.18	161.9	7.727	12.93	3.669	160.2	10.58	8.16	77.51	76.51	1	63.53	66.41	26.342	0	0	
"2010-08-13	02:00:00"	9.08	176.7	8.64	14.12	5.508	176.6	14	9.95	77.09	76.23	0.855	61.74	64.16	26.347	0	0	
"2010-08-13	03:00:00"	5.9	191.1	9.93	8.16	1	200.2	19.51	1	74.63	73.03	1.599	66.6	72.15	26.349	0	0	
"2010-08-13	04:00:00"	6.98	188.7	13.98	9.95	1.321	191.6	21.89	5.175	73.94	72.24	1.697	65.1	71.01	26.348	0	0	
"2010-08-13	05:00:00"	9.78	171.8	7.665	14.72	5.641	171.7	11.93	9.95	73.27	72.41	0.855	65.04	68.03	26.343	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-13	06:00:00"	6.481	202	11.74	11.74	1.837	208.4	16.44	8.16	71.91	70.8	1.116	68.56	72.59	26.347	0
"2010-08-13	07:00:00"	7.06	197.3	13.12	10.54	2.035	201.4	19.73	5.175	71.47	70.04	1.434	69.2	74.37	26.348	0.04676
"2010-08-13	08:00:00"	6.803	188.1	10.67	9.95	1.382	193.5	17.39	5.771	71.12	69.87	1.248	69.22	74.16	26.356	30.227
"2010-08-13	09:00:00"	6.875	203	14.35	12.93	3.506	206.4	19.19	10.54	73.17	73.39	-0.223	66.18	67.55	26.372	189.56
"2010-08-13	10:00:00"	10.04	210.8	14.25	15.31	7.188	212.7	19.05	12.93	77.12	77.98	-0.862	57.83	57.7	26.376	393.43
"2010-08-13	11:00:00"	10.99	191.6	11.67	15.91	8.11	191.5	17.06	13.52	81.2	82.4	-1.217	48.17	47.39	26.374	588.17
"2010-08-13	12:00:00"	11.33	180.9	14.06	17.1	8.46	179.8	19.18	15.31	84.7	86.2	-1.56	43.63	42.02	26.371	753.18
"2010-08-13	13:00:00"	11.93	176	16.4	27.24	9.07	174.6	20.56	21.28	87.8	89.5	-1.729	37.42	35.7	26.365	875.52
"2010-08-13	14:00:00"	10.13	174.5	19.61	19.49	7.731	174.4	23.72	16.51	89.5	91.3	-1.838	33.91	32.13	26.349	929.93
"2010-08-13	15:00:00"	8.22	165.2	29.13	15.31	6.423	164.4	30.93	12.93	90.8	92.6	-1.74	33.26	31.3	26.331	909.22
"2010-08-13	16:00:00"	6.55	172.4	43.25	17.1	4.971	171.7	50.15	15.31	92.1	93.5	-1.451	31.73	29.87	26.316	869.37
"2010-08-13	17:00:00"	8.4	144.2	29.61	15.91	6.381	143.3	30.04	13.52	92.9	94.4	-1.546	31.11	29.14	26.296	747.65
"2010-08-13	18:00:00"	7.967	144.4	32.25	16.51	4.893	144.3	35.45	12.33	93.3	94.6	-1.226	30.39	28.6	26.28	574.29
"2010-08-13	19:00:00"	10.55	169.6	20.47	19.49	6.395	169.3	23.78	14.72	93.4	94.1	-0.787	29.7	28.31	26.267	372.69
"2010-08-13	20:00:00"	9.14	175.2	12.1	17.1	6.058	175.6	16.11	12.93	92.2	92.2	0.063	31.07	30.42	26.264	167.33
"2010-08-13	21:00:00"	6.843	178.2	6.682	10.54	2.15	175.5	11.81	5.771	89	87.1	1.887	35.58	37.74	26.279	15.923
"2010-08-13	22:00:00"	5.14	157.3	10.37	6.964	1	127.4	19.84	1	87.1	84.1	2.986	37.41	42.76	26.308	0
"2010-08-13	23:00:00"	7.219	122	13.64	9.95	1	98.8	17.39	1.596	84.8	80.6	4.164	40.65	50.29	26.336	0
"2010-08-14	00:00:00"	8.01	143.9	7.224	10.54	1.368	135.6	10.84	5.175	82.7	79.82	2.914	42.73	48.61	26.347	0
"2010-08-14	01:00:00"	6.384	185.7	22.32	9.35	1.005	188.6	28.33	2.789	80.5	78.33	2.119	47.29	51.61	26.351	0
"2010-08-14	02:00:00"	5.418	224.7	28.05	7.561	1.146	238.9	37.31	3.982	79.04	76.56	2.478	50.52	56.21	26.352	0
"2010-08-14	03:00:00"	9.51	183.6	8.27	15.31	5.262	183.6	12.82	12.33	77.21	75.84	1.366	53.86	57	26.341	0
"2010-08-14	04:00:00"	8.57	193.3	14.25	15.91	4.22	196.6	20.23	11.74	74.7	73.86	0.84	59.53	61.77	26.336	0
"2010-08-14	05:00:00"	6.778	217.7	8.7	9.95	1.088	224.6	13.46	4.578	75.05	73.51	1.534	59.05	62.95	26.345	0
"2010-08-14	06:00:00"	6.067	224.8	6.91	8.16	1	234.2	9.99	1	74.54	72.49	2.043	59.78	65.1	26.354	0
"2010-08-14	07:00:00"	5.282	234.1	14.03	6.964	1	243.6	21.46	1	74.17	71.19	2.985	60.74	68.75	26.363	0.03143
"2010-08-14	08:00:00"	5.299	203.9	9.17	6.964	1	206.5	26.04	1	73.85	71.11	2.74	61.43	69.72	26.378	29.596
"2010-08-14	09:00:00"	6.749	189.7	10.29	13.52	3.029	190.4	14.05	10.54	74.95	74.98	-0.03	62.95	64.83	26.393	190.9
"2010-08-14	10:00:00"	12.42	182.7	10.15	18.3	8.89	182.8	14.35	14.72	78.24	79.14	-0.902	60.22	59.4	26.407	394.97
"2010-08-14	11:00:00"	12.28	177.2	11.59	18.3	8.93	175.4	15.91	14.72	81.4	82.8	-1.422	56.28	54.4	26.416	595.33
"2010-08-14	12:00:00"	11.1	173	14.73	17.1	8.14	171.9	18.21	14.12	84.4	86.1	-1.693	50.09	47.67	26.42	764.63
"2010-08-14	13:00:00"	10.94	162.6	22.76	20.68	8.04	162.5	25.8	15.91	87.3	89.2	-1.949	44.61	41.78	26.415	882.17
"2010-08-14	14:00:00"	11.38	144.9	20.44	21.87	8.6	145.6	21.68	18.3	89.7	91.7	-2.004	38.62	35.98	26.399	911.55
"2010-08-14	15:00:00"	11.05	152.5	25.52	21.87	8.47	151.6	28.5	17.1	90.6	92.8	-2.148	37.65	34.87	26.391	915.75
"2010-08-14	16:00:00"	9.35	121.5	28.32	19.49	6.663	123	31.84	14.72	91.7	93.8	-2.093	35.61	32.95	26.378	868.73
"2010-08-14	17:00:00"	9.93	113.7	26.01	18.3	7.434	113.7	28.28	16.51	93	94.9	-1.9	32.55	30.03	26.366	753.68
"2010-08-14	18:00:00"	10.11	113.6	16.62	19.49	7.813	113.2	19.34	16.51	93.2	94.8	-1.661	32.28	29.95	26.358	578.53
"2010-08-14	19:00:00"	11.08	120.4	14.4	16.51	8.22	120.5	17.46	14.12	92.9	93.9	-1.036	33.22	31.37	26.359	369.26
"2010-08-14	20:00:00"	10.04	129.7	12.89	15.91	7.122	130.9	15.13	14.12	91.6	91.8	-0.184	34.45	33.38	26.36	161.9
"2010-08-14	21:00:00"	7.514	124.3	5.731	10.54	4.213	122.9	10.84	7.561	87.8	86.5	1.352	38.31	39.77	26.374	17.412
"2010-08-14	22:00:00"	8.48	120.1	5.319	10.54	4.464	115.4	10.79	6.964	84.5	82.5	1.965	42.9	45.81	26.39	0
"2010-08-14	23:00:00"	8.66	132.9	10.1	11.14	5.126	131.2	12.81	8.16	82.9	81.7	1.183	46.37	47.96	26.409	0
"2010-08-15	00:00:00"	9.02	149.2	8.94	12.93	5.582	146.8	10.47	8.75	80.7	79.79	0.933	51.08	52.55	26.419	0
"2010-08-15	01:00:00"	10.63	168.4	8.62	15.31	7.208	166.9	11.87	11.14	79.03	78.51	0.525	55.97	56.82	26.43	0
"2010-08-15	02:00:00"	10.49	174.5	7.653	16.51	7.183	173.3	11.54	11.74	77.75	77.27	0.484	60.46	61.39	26.434	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-15	03:00:00"	6.168	186.2	9.55	11.14	2.48	192.9	17.21	8.16	76.21	75.04	1.167	64.73	67.41	26.439	0	0
"2010-08-15	04:00:00"	5.281	185.9	7.871	9.35	1.665	186.4	13.02	6.368	75.9	74.2	1.699	65.92	69.85	26.45	0	0
"2010-08-15	05:00:00"	6.208	170.9	6.493	8.16	1.53	163.6	11.25	5.175	75.23	73.24	1.987	68.59	73.35	26.458	0	0
"2010-08-15	06:00:00"	3.777	148.4	25.12	6.368	1	106.3	58.8	1	75.1	72.68	2.415	70.14	75.53	26.461	0	0
"2010-08-15	07:00:00"	5.233	108.6	10.12	7.561	1	70.77	20.11	1	74.5	70.94	3.554	72.54	80.4	26.468	0.02204	0
"2010-08-15	08:00:00"	6.882	108.4	10.1	8.75	1.053	85.9	10.59	5.175	72.74	70.24	2.503	76.27	82.8	26.482	26.866	0
"2010-08-15	09:00:00"	6.995	102.2	11.94	11.74	4.903	99.6	15.76	9.95	74.74	75.08	-0.339	74.6	74.93	26.495	183.11	0
"2010-08-15	10:00:00"	10.65	136.5	14.05	17.7	7.745	136.5	15.93	14.72	78.08	79.09	-1.006	69.76	68.31	26.505	385.84	0
"2010-08-15	11:00:00"	10.08	124.7	16.72	16.51	7.349	125.6	18.94	12.93	80.4	81.9	-1.585	65.87	63.29	26.505	577.38	0
"2010-08-15	12:00:00"	10.8	115.2	16.33	18.89	7.857	116.1	20.19	15.31	82.6	84.5	-1.961	60.74	57.46	26.516	656.81	0
"2010-08-15	13:00:00"	11.96	108	20.51	20.09	8.7	108.7	22.65	15.31	84.9	86.8	-1.929	54.88	51.64	26.515	681.15	0
"2010-08-15	14:00:00"	13.43	102.2	18.45	22.47	9.93	102	21.8	18.89	87.1	89.5	-2.359	49	45.09	26.499	762.63	0
"2010-08-15	15:00:00"	12.7	102.4	18.88	21.87	9.19	103.3	21.66	17.7	89	91.3	-2.359	45.18	41.25	26.477	741.65	0
"2010-08-15	16:00:00"	11.99	115.8	22.92	21.87	8.73	116.5	24.45	16.51	89.7	91.3	-1.572	41.75	38.96	26.459	521.29	0
"2010-08-15	17:00:00"	12.93	91.3	12.48	20.68	9.19	91.5	15.42	15.31	90.3	91.6	-1.297	41.32	38.82	26.441	374.99	0
"2010-08-15	18:00:00"	13.53	96.7	15.73	22.47	9.51	97	18.17	18.3	91.1	92.3	-1.203	40.6	38.17	26.432	434.75	0
"2010-08-15	19:00:00"	14.75	97.6	12.79	23.66	10.39	97.7	15.84	18.89	91	91.8	-0.847	41.24	39.04	26.431	290.04	0
"2010-08-15	20:00:00"	14.06	105.9	8.89	23.66	9.93	105.9	12.86	19.49	88.6	88.8	-0.212	43.77	42.27	26.432	87.688	0
"2010-08-15	21:00:00"	9.88	95.9	8.09	13.52	6.585	95.3	11.04	10.54	86	85.9	0.119	48.82	48.07	26.445	26.611	0
"2010-08-15	22:00:00"	9.1	104.7	11.16	15.31	5.444	102.4	14.14	11.74	83.4	82.9	0.452	50.93	51.15	26.455	0	0
"2010-08-15	23:00:00"	7.472	99.5	7.362	11.74	2.256	94.5	10.6	8.16	80.6	80	0.629	54.24	55.34	26.475	0	0
"2010-08-16	00:00:00"	8.36	80.5	10.31	12.93	4.448	79.37	12.37	9.95	79.37	79.01	0.354	59.35	59.89	26.497	0	0
"2010-08-16	01:00:00"	9.7	95.7	7.548	14.72	6.249	94.9	10.55	10.54	78.98	78.75	0.229	61.28	61.57	26.501	0	0
"2010-08-16	02:00:00"	9.59	101.2	8.14	12.93	5.966	99	11.24	9.95	76.54	76.2	0.339	66.99	67.78	26.496	0	0
"2010-08-16	03:00:00"	7.472	90.1	16.16	10.54	1.966	84.5	19.18	7.561	74.14	73.55	0.586	73.3	74.94	26.496	0	0
"2010-08-16	04:00:00"	7.136	82.8	12.32	9.95	1.607	75.14	17.08	6.368	72.52	71.24	1.273	78	81.4	26.492	0	0
"2010-08-16	05:00:00"	6.325	73.7	14.22	8.16	1.257	61.11	17.05	5.175	71.4	69.88	1.523	80.6	84.7	26.493	0	0
"2010-08-16	06:00:00"	6.862	44.66	16.23	9.35	2.021	42.26	16.8	5.771	69.67	68.68	0.998	84.4	87.7	26.505	0	0
"2010-08-16	07:00:00"	7.075	51.84	15.96	10.54	3.185	49.17	17.1	6.964	69.83	68.95	0.883	84.4	87.5	26.522	0.00086	0
"2010-08-16	08:00:00"	7.952	16.69	14.13	17.1	4.119	16.52	19.08	12.33	70.63	70.5	0.127	84	85.3	26.549	10.167	0
"2010-08-16	09:00:00"	13.26	15.96	9.02	21.28	9.23	17.01	16.76	17.7	72.47	72.66	-0.187	77.09	77.63	26.559	122.73	0
"2010-08-16	10:00:00"	15.1	19.89	8.88	22.47	10.71	20.66	16.76	17.7	74.81	75.9	-1.094	67.81	66.6	26.569	383.84	0
"2010-08-16	11:00:00"	13.1	16.07	11.46	18.3	9.54	14.89	18.46	15.91	77.36	79.16	-1.799	64.15	61.61	26.57	582.74	0
"2010-08-16	12:00:00"	9.51	40.56	18.7	15.91	7.104	41.25	23.28	12.93	80.3	82.7	-2.334	59.63	56.13	26.566	755.19	0
"2010-08-16	13:00:00"	7.7	59.88	32.83	16.51	5.818	61.02	35.58	12.33	82.8	85.2	-2.365	54.99	51.27	26.546	859.84	0
"2010-08-16	14:00:00"	9.34	115.4	31.4	18.3	7.176	116.1	32.94	14.72	86.1	88.2	-2.179	47.27	43.65	26.521	805.22	0
"2010-08-16	15:00:00"	11.16	144.6	29	19.49	8.3	144.4	30.38	17.1	89	91.1	-2.083	38.65	35.72	26.5	739.76	0
"2010-08-16	16:00:00"	10.28	159.2	23.8	19.49	7.872	159.9	24.99	15.91	90.7	92.7	-2.072	34.8	32.02	26.477	871.45	0
"2010-08-16	17:00:00"	10.15	160.6	25.52	24.26	6.564	160.7	28.36	17.1	92	93.9	-1.927	31.47	28.83	26.448	745.23	0
"2010-08-16	18:00:00"	9.55	184.6	23.19	17.7	6.928	184.9	28.07	14.12	92.7	94.2	-1.461	28.96	26.72	26.43	585.02	0
"2010-08-16	19:00:00"	9.41	181.2	18.2	16.51	6.771	180.5	22.67	14.72	92.7	93.7	-1.034	28.37	26.47	26.418	373.2	0
"2010-08-16	20:00:00"	7.082	168	14.34	13.52	4.262	167.3	17.19	9.95	91.9	92.1	-0.198	30.3	29.12	26.415	153.57	0
"2010-08-16	21:00:00"	6.301	145.1	5.76	8.16	1.347	136.8	9.52	5.175	89.8	87.2	2.537	32.95	35.71	26.421	15.001	0
"2010-08-16	22:00:00"	5.738	159.6	6.627	8.16	1	147.9	11.45	1	88.1	84.2	3.925	33.73	38.47	26.434	0	0
"2010-08-16	23:00:00"	6.762	121.2	31.6	11.14	1.436	99.6	51.33	5.771	84.1	79.66	4.467	38.65	46.72	26.453	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-17	00:00:00"	9.7	96.9	8.52	15.31	5.612	89.1	12.15	11.74	81	78.8	2.243	46.09	49.93	26.46	0
"2010-08-17	01:00:00"	8.43	82.4	10.77	11.14	4.604	75.81	13.62	8.16	78.54	76.46	2.074	53.7	57.57	26.466	0
"2010-08-17	02:00:00"	8.48	70.32	9.72	11.74	5.109	68.85	12.52	9.35	74.94	73.91	1.026	65.36	67.65	26.469	0
"2010-08-17	03:00:00"	7.482	64.64	7.209	11.74	4.501	60.34	10.18	10.54	72.15	71.21	0.938	73.86	76.39	26.464	0
"2010-08-17	04:00:00"	7.533	111.6	14.92	9.95	3.724	105.1	19.51	6.368	73.57	72.19	1.377	70.77	74.41	26.452	0
"2010-08-17	05:00:00"	5.09	83.9	19.73	6.964	1	56.76	18.57	1	72.32	69.96	2.361	71.82	78.15	26.453	0
"2010-08-17	06:00:00"	5.938	76.09	12.96	7.561	1.912	50.47	17.03	5.175	70.36	67.76	2.6	76.02	83.3	26.456	0
"2010-08-17	07:00:00"	6.056	81.4	14.55	9.95	1.372	67.34	20.53	6.368	69.32	67.33	1.985	80.2	85.8	26.461	0
"2010-08-17	08:00:00"	5.554	80.6	29.19	7.561	1	66.42	30.42	1	69.01	67.65	1.354	81.3	85.9	26.458	27.083
"2010-08-17	09:00:00"	6.011	49.89	13.64	9.35	4.091	49.22	16.81	8.16	70.95	71.69	-0.737	79.3	79.05	26.465	186.98
"2010-08-17	10:00:00"	6.243	89.1	23.43	9.35	4.176	91	26.61	8.75	76.44	77.7	-1.252	66.2	64.54	26.475	392.05
"2010-08-17	11:00:00"	6.046	132.4	27.45	11.14	3.908	131.9	29.88	8.16	82	83.3	-1.269	51.96	49.97	26.474	593.04
"2010-08-17	12:00:00"	5.406	211.2	34.82	12.33	3.817	213.6	45.27	10.54	86	87.3	-1.336	43.05	40.78	26.473	762.95
"2010-08-17	13:00:00"	8.21	210.4	29.75	15.31	6.264	211.9	34.92	14.72	89.6	91.5	-1.883	37.41	34.83	26.46	877.63
"2010-08-17	14:00:00"	5.874	205.2	70.78	14.72	3.868	197.4	74.24	11.14	91.7	93.5	-1.873	33.04	30.36	26.441	934.27
"2010-08-17	15:00:00"	4.935	191	89.5	11.74	3.405	193.2	87.7	9.35	93.4	95.1	-1.699	30.54	27.81	26.42	936.09
"2010-08-17	16:00:00"	5.784	161.4	65.92	16.51	4.54	162.7	67.64	12.93	94.8	96.6	-1.753	26.8	24.03	26.398	928.6
"2010-08-17	17:00:00"	6.48	185.3	47.97	14.12	4.909	183.3	51.28	11.14	95.5	96.7	-1.219	25.92	23.41	26.378	517.66
"2010-08-17	18:00:00"	6.947	173.9	35.9	14.72	4.637	175.1	36.75	11.14	96	97.2	-1.147	25.53	23.1	26.363	483.12
"2010-08-17	19:00:00"	5.391	178.5	44.99	11.74	3.145	182.7	48.46	8.75	95.7	96.3	-0.602	25.3	23.35	26.362	230.3
"2010-08-17	20:00:00"	10.52	40.53	71.03	24.86	7.44	43.55	69.82	20.68	89.9	89.9	0.046	36.19	34.92	26.378	38.71
"2010-08-17	21:00:00"	14.31	24.56	29.46	21.87	10.18	25.38	32.08	17.7	84.2	84.2	0.011	45.26	44.26	26.399	6.1174
"2010-08-17	22:00:00"	11.82	351.2	12.29	17.1	8.52	349.1	14.59	14.12	84.1	84	0.151	43.37	42.7	26.42	0
"2010-08-17	23:00:00"	11.42	26.04	13.44	16.51	8.04	27.3	18.75	12.93	82.8	82.7	0.139	45.42	44.85	26.438	0
"2010-08-18	00:00:00"	11.33	51.64	13.59	19.49	7.814	53.5	15.7	15.91	82.1	81.9	0.175	47.96	47.67	26.46	0
"2010-08-18	01:00:00"	11.88	58.91	13.22	21.87	8.39	59.63	15.77	15.91	80.2	80.1	0.073	52.5	52.19	26.48	0
"2010-08-18	02:00:00"	15.68	93.8	8.32	29.63	11.3	93.8	11.13	21.28	79.33	79.37	-0.037	55.33	54.9	26.477	0
"2010-08-18	03:00:00"	15.34	93.8	9.29	24.26	11.07	93.8	11.72	19.49	75.84	75.9	-0.057	68.44	68.33	26.476	0
"2010-08-18	04:00:00"	11.81	102.1	7.811	18.89	8.47	101.7	11.62	15.91	74.56	74.62	-0.067	71.82	71.92	26.477	0
"2010-08-18	05:00:00"	10.07	111.5	8.81	15.31	7.178	111.8	13.28	11.74	74.82	74.9	-0.08	71.22	71.3	26.485	0
"2010-08-18	06:00:00"	8.92	101.7	11.08	12.33	6.473	100.8	14.11	10.54	74.02	74.13	-0.108	74.21	74.28	26.484	0
"2010-08-18	07:00:00"	6.557	98.9	12.06	10.54	3.738	97.3	14.57	6.964	72.88	72.87	0.013	78.33	78.78	26.483	0
"2010-08-18	08:00:00"	3.599	87.2	32.18	6.964	1.026	78.22	40.86	3.982	72.31	72.29	0.023	79.76	80.5	26.492	35.963
"2010-08-18	09:00:00"	6.872	180	21.97	11.74	4.928	181.3	26.08	8.75	75.16	75.83	-0.67	72.84	72.07	26.498	173.56
"2010-08-18	10:00:00"	6.189	201.7	16.62	9.95	3.975	203.2	23.02	8.16	77.78	78.46	-0.676	66.27	65.39	26.51	217.65
"2010-08-18	11:00:00"	3.54	21.78	67.76	9.35	2.055	22.27	68.53	7.561	80.9	82.1	-1.235	60.6	58.33	26.52	572.43
"2010-08-18	13:00:00"	6.369	122.6	38.11	12.33	4.958	126.4	42.22	10.54	86.8	88.9	-2.068	48.33	44.46	26.518	886.52
"2010-08-18	14:00:00"	7.556	148	36.73	15.31	5.672	148.4	38.41	12.33	88.1	90	-1.856	44.25	40.71	26.502	809.29
"2010-08-18	15:00:00"	9.09	130.5	41.76	16.51	7.161	130.6	44.03	14.12	89.7	91.9	-2.208	42.8	38.85	26.485	899.87
"2010-08-18	16:00:00"	16.95	127.4	20.21	35.59	12.47	127.7	22.02	27.24	87.2	89	-1.824	48.92	45.22	26.469	424.12
"2010-08-18	17:00:00"	9.36	106	68.11	19.49	6.616	106.1	68.61	16.51	82.5	83.1	-0.618	55.39	53.82	26.469	81.902
"2010-08-18	18:00:00"	6.394	289.3	22.22	15.31	4.183	291	23.84	11.14	80.6	81.1	-0.511	60.22	59.09	26.455	69.867
"2010-08-18	19:00:00"	4.481	17.18	62.94	11.14	3.371	18.45	63.93	8.75	82.6	83.3	-0.718	58.17	56.63	26.441	207.17
"2010-08-18	20:00:00"	5.026	75.25	10.03	9.95	2.862	73.26	12.55	8.16	83.2	83.3	-0.09	56.42	56.14	26.444	56.233
"2010-08-18	21:00:00"	6.07	91.6	6.56	8.16	3.412	85.1	9.81	5.175	82.4	81.5	0.874	58.26	61.33	26.442	6.8916

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-18	22:00:00"	8.46	116.1	16.75	15.91	5.041	110.1	22.32	12.93	82.5	81.3	1.217	55.15	58.6	26.46	0	0
"2010-08-18	23:00:00"	10.32	165.9	11	18.3	7.315	164.6	13.92	13.52	79.99	79.86	0.127	61.67	61.61	26.48	0	0
"2010-08-19	00:00:00"	5.856	186.8	10.59	9.95	3.383	190.6	15.83	6.964	76.99	76.32	0.667	66.69	68.17	26.483	0	0
"2010-08-19	01:00:00"	4.021	178.5	13.09	6.368	1.198	176.7	21.98	3.386	76.18	75.15	1.031	67.82	70.16	26.477	0	0
"2010-08-19	02:00:00"	2.414	173.8	26.73	3.982	1	106.7	96.2	1.596	75.26	73.43	1.829	69.37	73.66	26.463	0	0
"2010-08-19	03:00:00"	1.535	195.1	25.73	3.982	1	195.7	71.23	1	74.84	72.48	2.356	70.76	75.36	26.448	0	0
"2010-08-19	04:00:00"	1	191.6	10.16	1	1	198.5	33.21	1	73.9	71.93	1.965	73.96	77.4	26.434	0	0
"2010-08-19	05:00:00"	1.501	207.4	13.24	3.982	1.022	220	22.95	2.789	73.22	71.38	1.841	76.45	79.89	26.423	0	0
"2010-08-19	06:00:00"	2.926	221.1	20.86	5.175	1.048	230.5	44.2	2.789	72.46	70.11	2.348	77.44	82.3	26.423	0	0
"2010-08-19	07:00:00"	3.454	130.5	29.09	6.964	1	93.4	18.57	1	71.02	67.57	3.45	81.3	87.3	26.428	0.00565	0
"2010-08-19	08:00:00"	5.863	78.91	8.21	7.561	1	57.44	12.97	1.596	68.59	66.16	2.431	88.6	92.3	26.435	27.441	0
"2010-08-19	09:00:00"	5.117	117.4	25.06	10.54	3.264	112.1	29.23	8.75	71.67	71.96	-0.291	78.3	78.99	26.441	183.28	0
"2010-08-19	10:00:00"	8.92	174	15.87	13.52	6.794	172.1	19.75	11.74	77.2	78.21	-1.009	64.41	63.07	26.44	388.8	0
"2010-08-19	11:00:00"	7.884	179.2	16.79	12.33	6.176	178.7	21.53	9.95	80.8	82.2	-1.43	58.52	56.17	26.439	590.89	0
"2010-08-19	12:00:00"	8.11	175.7	21.93	15.31	6.56	174.9	24.21	12.93	84.8	86.5	-1.697	48.46	45.54	26.439	759.42	0
"2010-08-19	13:00:00"	9.67	181	24.75	18.3	7.591	180.8	28.13	14.72	87	89	-1.979	42.47	39.23	26.428	872.83	0
"2010-08-19	14:00:00"	9.87	170.4	35.66	17.7	7.867	171.1	39.69	15.31	89.3	91.3	-2.044	37.11	34.18	26.408	931.76	0
"2010-08-19	15:00:00"	11.39	164.3	28.48	19.49	8.63	164.6	32.34	15.91	91	93.4	-2.441	33.83	30.56	26.379	919.31	0
"2010-08-19	16:00:00"	11.51	185.2	23.18	21.87	8.7	184.9	27.57	17.1	92	94.3	-2.29	31.38	28.31	26.355	879.82	0
"2010-08-19	17:00:00"	9	178.1	34.34	21.28	7.254	178.4	37.61	19.49	92.5	94.5	-1.941	28.38	25.57	26.337	741.95	0
"2010-08-19	18:00:00"	9.1	162.1	29.41	19.49	7.099	160.4	33.49	15.31	92.8	94.2	-1.421	29.75	27.24	26.319	446.44	0
"2010-08-19	19:00:00"	8.3	166.2	23.03	17.1	6.413	167.1	25.54	14.12	93.4	94.5	-1.064	29.85	27.57	26.306	359.18	0
"2010-08-19	20:00:00"	8.96	164.7	12.59	14.72	6.324	163.2	15.34	11.74	92.2	92.3	-0.021	30.76	29.35	26.292	75.718	0
"2010-08-19	21:00:00"	8.65	147.8	10.54	11.74	5.571	145.7	11.83	8.75	88.8	88.2	0.598	35.18	34.66	26.291	13.651	0
"2010-08-19	22:00:00"	8.65	147.4	8.41	12.33	5.552	145	9.97	9.35	85.5	84.8	0.751	39.18	39.19	26.308	0	0
"2010-08-19	23:00:00"	10.1	157.8	9.17	14.72	6.965	155.9	11.06	11.74	82.9	82.4	0.476	42.77	42.73	26.323	0	0
"2010-08-20	01:00:00"	11.35	171.3	9.74	19.49	7.789	170.1	12.91	15.31	81.2	80.7	0.422	48.05	48.13	26.34	0	0
"2010-08-20	02:00:00"	9.59	176.4	7.607	13.52	6.48	175.1	11.61	10.54	79.33	78.81	0.521	54.19	54.76	26.341	0	0
"2010-08-20	03:00:00"	8.58	180.1	7.933	12.93	5.406	179.9	12.62	9.95	77.37	76.78	0.596	58.48	59.51	26.328	0	0
"2010-08-20	04:00:00"	8.38	180.8	9.28	12.93	5.22	182.3	14.3	9.35	75.8	75.06	0.746	61.55	63.12	26.317	0	0
"2010-08-20	05:00:00"	7.012	171.6	6.985	9.95	3.652	171.5	10.97	6.964	74.14	73.2	0.941	64.9	67.16	26.313	0	0
"2010-08-20	06:00:00"	7.273	182.3	9.48	10.54	4.299	184.8	14.28	7.561	73.1	72.25	0.843	66.88	69.14	26.309	0	0
"2010-08-20	07:00:00"	6.989	176.4	6.91	9.95	3.697	174.6	11.33	6.368	72.18	71.31	0.87	68.9	71.37	26.31	0	0
"2010-08-20	08:00:00"	7.175	176.8	7.812	10.54	3.923	176.4	11.52	7.561	72.06	71.49	0.564	69.61	71.55	26.314	21.033	0
"2010-08-20	09:00:00"	9.87	170.9	9.42	18.3	7.261	169.8	12.3	15.31	75.01	75.39	-0.381	65.32	65.11	26.324	182.38	0
"2010-08-20	10:00:00"	13.44	179.3	10.17	18.89	9.83	178	14.43	15.31	79.27	80.3	-1.036	58.04	56.4	26.333	379.45	0
"2010-08-20	11:00:00"	12.19	185.3	13.3	18.3	9.12	184.6	17.77	14.12	82.4	84	-1.64	53.25	50.5	26.341	577.97	0
"2010-08-20	12:00:00"	9.29	200.1	18.76	15.91	7.07	202	23.42	13.52	86.3	88.3	-1.979	46.7	43.32	26.336	745.54	0
"2010-08-20	13:00:00"	7.247	215	34.38	13.52	5.465	218.4	38.46	11.74	90	92.1	-2.089	39.62	36.43	26.328	876.24	0
"2010-08-20	14:00:00"	6.186	271.1	51.5	13.52	3.981	275.8	53.32	11.14	92.7	94.7	-2.019	35.64	32.5	26.314	917.7	0
"2010-08-20	15:00:00"	5.101	172	89.6	11.74	3.443	167.9	89.3	9.95	94.2	96	-1.772	32.6	29.56	26.293	905.24	0
"2010-08-20	16:00:00"	5.005	121.3	73.57	12.93	3.474	122.7	74.29	10.54	96.3	98.1	-1.788	29.8	26.61	26.266	892.53	0
"2010-08-20	17:00:00"	8.45	173.8	25.12	17.7	4.686	175.8	28.05	12.93	96.4	98.1	-1.661	31	27.92	26.25	481.49	0
"2010-08-20	18:00:00"	17.09	227.5	64.54	42.75	12.2	230.1	64.7	32.61	90.7	92.1	-1.394	38.8	36.2	26.257	343.61	0
"2010-08-20	19:00:00"	13.9	51.69	52.16	40.36	9.77	51.93	59.39	35	77.36	75.94	1.42	55.36	61.51	26.304	27.181	0.02

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-20	20:00:00"	9.13	186.6	70.37	20.09	5.171	185.7	77.93	16.51	81.7	79.63	2.063	43.9	50.36	26.288	6.2835	0
"2010-08-20	21:00:00"	11.02	57.55	64.51	22.47	6.861	58.6	59.78	16.51	77.25	75.42	1.824	63.25	70.53	26.332	2.2492	0.01
"2010-08-20	22:00:00"	15.4	103.2	18.93	26.65	10.98	103.3	20.28	18.89	73.61	73.25	0.361	74.83	77.23	26.354	0	0
"2010-08-20	23:00:00"	12.33	168.9	33.52	24.86	8.69	171.2	37.6	20.09	75.2	74.74	0.466	65.74	68	26.354	0	0
"2010-08-21	01:00:00"	5.227	207	27.43	11.14	1.117	207.8	38.18	8.16	77.17	75.37	1.799	57.49	64.06	26.346	0	0
"2010-08-21	02:00:00"	6.766	185.4	29.67	9.35	1.182	189.2	39.45	5.771	74.95	72.85	2.102	63.71	70.92	26.351	0	0
"2010-08-21	03:00:00"	4.603	187.8	22.64	9.35	1.801	155.3	51.49	5.771	73.97	71.63	2.334	66.44	74.29	26.369	0	0
"2010-08-21	04:00:00"	4.796	212.2	14.04	6.368	1	231.8	20.23	1	73.46	71.16	2.299	70.91	77.45	26.371	0	0
"2010-08-21	05:00:00"	3.537	279.8	36.7	6.368	1	311.3	44.5	1	74.3	71.27	3.024	71.81	80.2	26.374	0	0
"2010-08-21	15:00:00"	12.3	98.9	15.71	21.87	9.49	99	19.11	18.89	91.1	94.1	-2.965	39.23	35.06	26.443	877.93	0
"2010-08-21	16:00:00"	11.7	115.1	22.52	21.87	9.05	116	25.52	17.1	91.8	94.4	-2.657	37.05	33.28	26.429	847.51	0
"2010-08-21	17:00:00"	12.41	95.3	15.86	20.68	8.74	95.6	18.19	16.51	92.8	95.2	-2.388	33.79	30.28	26.414	703.89	0
"2010-08-21	18:00:00"	11.66	116.8	17.02	20.68	8.77	116.4	20.66	17.1	93	95	-1.945	32.13	29.07	26.402	547.09	0
"2010-08-21	19:00:00"	11.3	113.9	16.72	18.89	8.38	114.8	19.81	17.1	93.1	94.5	-1.382	32.44	29.83	26.399	344.4	0
"2010-08-21	20:00:00"	10.04	122.7	9.87	17.7	6.731	123.6	13.61	14.12	91.5	91.6	-0.085	33.76	32.37	26.409	73.217	0
"2010-08-21	21:00:00"	7.043	117.9	16.28	10.54	2.98	113.7	22.71	7.561	87.7	86.4	1.222	37.9	38.33	26.435	6.0748	0
"2010-08-21	22:00:00"	7.731	107.4	9.83	10.54	1.415	95.7	14.91	6.368	84.1	81.9	2.183	44.35	47.54	26.454	0	0
"2010-08-21	23:00:00"	7.237	117	8.25	11.14	3.479	106	16.41	6.964	82.3	80.7	1.647	45.71	48.15	26.479	0	0
"2010-08-22	00:00:00"	8.36	124.6	9.29	12.33	3.77	119	14.29	7.561	79.99	78.62	1.373	49.22	51.5	26.486	0	0
"2010-08-22	01:00:00"	9.16	146.1	9.85	12.93	3.402	144.1	11.23	8.75	78.58	77.91	0.667	50.89	51.92	26.49	0	0
"2010-08-22	02:00:00"	7.647	160.7	6.479	10.54	2.935	157.5	9.7	7.561	76.63	75.67	0.964	52.51	54.45	26.493	0	0
"2010-08-22	03:00:00"	5.403	178.2	8.15	8.16	1.032	180.3	12.75	3.386	76.01	74	2.016	52.3	56.39	26.491	0	0
"2010-08-22	04:00:00"	2.8	150.3	23.13	5.771	1	107.2	56.52	1	74.43	72.81	1.619	54.46	58.03	26.489	0	0
"2010-08-22	05:00:00"	6.826	146.6	7.317	9.35	1.095	139.2	12.33	5.175	73.47	71.59	1.885	57.05	61.16	26.489	0	0
"2010-08-22	06:00:00"	9.42	144.3	7.025	12.33	5.106	142	9.17	9.35	73.77	72.59	1.182	57.78	60.47	26.493	0	0
"2010-08-22	07:00:00"	7.74	124.4	10.55	11.14	3.213	116.9	15.36	8.16	71.89	70.33	1.556	61.87	65.75	26.504	0	0
"2010-08-22	08:00:00"	7.1	97.3	24.07	9.95	1.079	83.6	30.85	6.368	69.48	68.02	1.467	66.4	70.57	26.517	24.28	0
"2010-08-22	09:00:00"	7.029	105	23.44	12.93	3.268	99.7	29.51	9.95	72.6	72.83	-0.23	65.17	65.81	26.53	187.08	0
"2010-08-22	10:00:00"	11.38	146.4	14.97	18.89	6.069	145.9	17.16	15.31	77.58	78.6	-1.018	62.47	60.82	26.541	393.53	0
"2010-08-22	11:00:00"	10.59	158.8	13.88	17.1	8.31	158.7	16.76	13.52	80.1	81.6	-1.537	59.52	56.81	26.545	596.25	0
"2010-08-22	12:00:00"	9.31	147.5	24.42	18.3	7.006	147.6	25.99	13.52	83.5	85.4	-1.837	50.46	47.19	26.545	763.19	0
"2010-08-22	13:00:00"	12.23	133.5	19.92	19.49	9.42	133.4	22.49	15.91	87.1	89.6	-2.435	40.1	36.6	26.531	876.83	0
"2010-08-22	14:00:00"	11.94	138	20.36	20.68	9.3	138.1	22.92	16.51	89.2	91.7	-2.428	33.63	30.44	26.516	934.02	0
"2010-08-22	15:00:00"	12.91	151.4	19.54	21.87	10.13	151.2	21.25	17.7	91.7	94	-2.353	28.3	25.18	26.497	912.22	0
"2010-08-22	16:00:00"	12.37	146.1	19.23	22.47	7.017	145.4	20.75	18.3	92.7	95	-2.353	27.43	24.24	26.478	864.96	0
"2010-08-22	17:00:00"	11.92	137.7	27.51	23.66	8.8	136.6	29.69	21.28	93.6	95.9	-2.274	26.32	23.14	26.458	737.24	0
"2010-08-22	18:00:00"	11.81	148.8	19.84	21.28	8.86	147.2	20.95	15.91	94	95.7	-1.749	27.38	24.46	26.449	547.59	0
"2010-08-22	19:00:00"	11.31	146.2	18.52	20.09	8.4	146.3	20.02	15.91	93.7	95	-1.209	26.93	24.46	26.44	352.28	0
"2010-08-22	20:00:00"	9.9	145.4	11.94	15.91	7.058	144.5	13.99	13.52	92.9	93.3	-0.374	27.53	25.76	26.431	145.68	0
"2010-08-22	21:00:00"	7.52	137.4	6.13	9.95	3.404	135.4	8.86	6.964	88.9	87.7	1.268	32.05	32.14	26.434	9.8126	0
"2010-08-22	22:00:00"	7.27	121.5	10.78	9.35	2.678	107	19.65	5.175	84.7	82.2	2.465	38.07	40.33	26.444	0	0
"2010-08-22	23:00:00"	8.76	141.7	9.29	11.74	3.54	138.8	12.16	7.561	83.5	82.2	1.306	39.15	40.15	26.461	0	0
"2010-08-23	00:00:00"	8.61	153.1	7.629	11.14	4.57	151	9.52	7.561	81	79.93	1.049	42.09	43.19	26.469	0	0
"2010-08-23	01:00:00"	9.61	160.1	8.12	13.52	6.063	158.1	10.5	8.75	79.03	78.25	0.779	43.13	44.1	26.469	0	0
"2010-08-23	02:00:00"	9.65	172.1	10.05	14.12	5.678	171.3	13.85	10.54	77.11	76.38	0.729	44.63	45.71	26.466	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-23	03:00:00"	7.765	182.9	9.45	11.74	2.99	184.8	16.14	7.561	75.3	74.06	1.244	47.86	50.1	26.46	0
"2010-08-23	04:00:00"	6.946	174.7	11.12	9.95	1	173.1	16.44	1	74.2	72.51	1.689	49.75	53.06	26.458	0
"2010-08-23	05:00:00"	7.415	163.8	6.53	9.35	1	161.7	11.43	1	73.32	71.54	1.78	52.01	55.67	26.456	0
"2010-08-23	06:00:00"	8.21	159.2	6.838	10.54	1.017	156.2	9.81	5.771	73.65	72.19	1.456	52.33	55.37	26.456	0
"2010-08-23	07:00:00"	5.91	136.9	17.51	10.54	2.314	110.6	40.58	6.964	72.19	70.46	1.736	55.29	59.14	26.46	0
"2010-08-23	08:00:00"	3.414	106.3	18.74	5.175	1	55.9	24.84	1	71.21	69.01	2.197	57.96	63.2	26.468	24.704
"2010-08-23	09:00:00"	4.583	113.7	26.74	9.95	2.02	103.9	35.24	7.561	73.95	74.12	-0.172	55.47	56.48	26.477	184.69
"2010-08-23	10:00:00"	10.29	155.3	12.94	16.51	4.382	153.7	14.91	12.93	80.4	81.3	-0.849	44.2	42.97	26.48	388.76
"2010-08-23	11:00:00"	10.88	165.9	14.29	15.91	7.93	164.4	17.1	13.52	85	86.4	-1.44	36.55	34.62	26.481	589.55
"2010-08-23	12:00:00"	9	160.1	22.26	15.91	6.094	158.9	25.36	12.93	88.6	90.3	-1.705	30.58	28.25	26.477	757.39
"2010-08-23	13:00:00"	8.12	136.6	23.96	14.72	1.217	135.5	25.08	8.75	92	93.9	-1.967	22.79	20.21	26.467	877.31
"2010-08-23	14:00:00"	6.756	131.8	57.37	15.31	1.176	124.9	63.3	8.16	93.4	95.4	-1.932	21.51	18.78	26.447	937.21
"2010-08-23	15:00:00"	7.463	124.1	44.77	15.91	1.47	125	46.28	12.93	94.9	96.9	-2.035	21.6	18.66	26.423	916.96
"2010-08-23	16:00:00"	8.29	106.2	35.78	19.49	5.322	105.6	39.02	14.72	95.8	98	-2.203	20.44	17.36	26.405	870.55
"2010-08-23	17:00:00"	7.987	119.9	38.78	17.1	5.485	120.5	42.15	14.72	96.4	98.4	-2.025	19.87	16.85	26.387	741.28
"2010-08-23	18:00:00"	6.394	137.9	59.56	14.12	4.222	137.7	62.14	12.93	96.5	97.9	-1.382	19.26	16.57	26.377	565.47
"2010-08-23	19:00:00"	7.632	81.8	32.21	13.52	5.352	85.4	30.63	11.74	96.3	97.4	-1.09	19.28	16.82	26.374	321.61
"2010-08-23	20:00:00"	6.584	99.4	7.293	9.35	2.372	92.6	10	6.964	92.9	91.5	1.336	21.43	21.5	26.365	33.138
"2010-08-23	21:00:00"	5.772	48.19	35.45	9.35	1.858	40.87	31.54	5.771	88.2	85.2	2.957	29.52	32.13	26.365	5.1092
"2010-08-23	22:00:00"	8.06	105.8	7.46	9.95	1.906	81.1	15.78	5.175	85.4	81.1	4.311	26.49	32.02	26.374	0
"2010-08-23	23:00:00"	5.081	198.7	90.6	8.16	1.088	345.2	68.28	6.368	84.8	79.96	4.857	26.53	31.78	26.404	0
"2010-08-24	00:00:00"	3.239	69.08	51.14	11.14	1.406	25.2	28.75	7.561	83.9	75.34	8.56	27.53	39.91	26.423	0
"2010-08-24	01:00:00"	2.152	165.2	28.12	4.578	1	37.91	57.08	1	83.3	77.9	5.397	25.46	34.13	26.425	0
"2010-08-24	02:00:00"	5.084	191.7	17.28	8.16	1	192.6	37.03	1	82	78.75	3.297	26.83	30.02	26.424	0
"2010-08-24	03:00:00"	4.685	225.1	31.64	6.368	1	247.2	45.22	1	80.7	77.15	3.58	29.3	32.47	26.425	0
"2010-08-24	04:00:00"	4.86	258	27.41	6.964	1	269.5	27.62	1	80.5	77.44	3.018	32.76	35.98	26.425	0
"2010-08-24	05:00:00"	10.56	342.3	25.62	20.09	5.993	342.5	21.19	16.51	77.25	75.99	1.265	43.96	46.09	26.446	0
"2010-08-24	06:00:00"	12.34	24.82	10.65	18.89	8.49	26.16	16.7	15.31	75.44	74.99	0.442	55.79	56.53	26.47	0
"2010-08-24	07:00:00"	12.58	22.04	7.503	17.7	8.54	22.59	14.98	14.72	73.35	72.87	0.482	63.96	65.2	26.485	0
"2010-08-24	08:00:00"	13.37	25.46	7.484	20.68	9.06	26.57	14.5	17.7	72.43	72.07	0.358	66.72	67.94	26.501	22.952
"2010-08-24	09:00:00"	15.92	28.79	8.83	23.66	11.23	30.51	15.05	18.3	74.8	75.13	-0.328	62.18	62.09	26.516	184.13
"2010-08-24	10:00:00"	19.15	41.22	10.5	27.24	13.8	43.6	14.19	22.47	77.67	78.78	-1.108	57.98	56.15	26.537	388.58
"2010-08-24	11:00:00"	18.83	44.04	10.28	27.84	13.73	45.74	13.79	23.07	78.58	80.1	-1.512	58.93	56.37	26.55	499.4
"2010-08-24	12:00:00"	20.05	31.17	12.24	30.22	14.6	32.65	17.48	23.07	81.1	83.5	-2.437	55.41	51.11	26.568	749.51
"2010-08-24	13:00:00"	21.22	36.96	12.52	31.42	15.52	38.4	16.51	24.26	81.5	84.5	-2.935	57.83	52.51	26.574	914.64
"2010-08-24	14:00:00"	21.56	40.84	11.49	29.63	15.69	42.58	15.55	24.86	81.4	83.9	-2.414	56.17	51.68	26.576	653.77
"2010-08-24	15:00:00"	20.4	39.13	11.49	30.82	14.8	41.04	15.3	24.86	80.7	82.3	-1.654	56.8	53.67	26.57	469.58
"2010-08-24	16:00:00"	21.46	35.38	12	30.22	15.6	37.2	16.17	24.86	81.3	83.8	-2.505	54.87	50.33	26.553	674.32
"2010-08-24	17:00:00"	20.61	38.07	10.95	32.61	14.85	40.09	15.02	25.45	79.58	81.2	-1.584	58.62	55.48	26.55	368.35
"2010-08-24	18:00:00"	18.45	33.18	10.56	28.43	13.19	34.88	15.45	23.07	77.46	78.37	-0.91	61.91	60.04	26.554	184.16
"2010-08-24	19:00:00"	18.74	23.74	9.5	27.24	13.37	24.34	15.98	21.87	74.78	75.36	-0.573	65.46	64.46	26.561	106.12
"2010-08-24	20:00:00"	16.92	23.42	9.08	26.05	12.14	24.13	16.45	24.26	73.83	74.12	-0.288	67.32	66.92	26.57	35.078
"2010-08-24	21:00:00"	16.85	29.8	9.34	24.86	12.02	31.1	15.02	21.28	72.1	72.28	-0.179	71.69	71.68	26.583	6.7978
"2010-08-24	22:00:00"	14.91	35.44	9.12	22.47	10.6	37.59	13.56	18.89	71.53	71.63	-0.098	70.66	70.98	26.608	0
"2010-08-24	23:00:00"	13.35	44.14	11.09	20.68	9.57	46.12	13.99	20.68	71.39	71.48	-0.086	69.66	70.03	26.641	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-25	00:00:00"	16.2	41.09	9.62	25.45	11.76	43.19	13.46	21.28	70.88	71	-0.123	66.44	66.81	26.66	0
"2010-08-25	01:00:00"	12.74	43.22	10.02	21.87	9.11	45.12	13.16	17.1	69.84	69.94	-0.099	63.22	63.79	26.664	0
"2010-08-25	02:00:00"	11.45	42.61	8.9	15.91	8.13	44.36	12.92	13.52	69.96	70.03	-0.062	52.06	52.86	26.662	0
"2010-08-25	03:00:00"	15.04	49.93	10.66	24.86	10.86	51.09	13.35	20.68	69.58	69.61	-0.03	46.07	46.8	26.657	0
"2010-08-25	04:00:00"	14.74	41.97	10.83	23.07	10.64	44.04	14.01	18.3	67.65	67.73	-0.077	50.42	51.19	26.658	0
"2010-08-25	05:00:00"	10.08	28.39	10.17	15.91	6.999	29.28	15.39	13.52	67.27	67.36	-0.088	51.98	52.89	26.657	0
"2010-08-25	06:00:00"	10.27	34.11	13.06	15.91	7.386	35.72	17.43	14.12	66.42	66.51	-0.094	52.9	53.92	26.664	0
"2010-08-25	07:00:00"	11.71	27.2	8.91	17.7	8.24	27.77	15.71	13.52	65.28	65.36	-0.084	53.67	54.78	26.67	0
"2010-08-25	08:00:00"	12.39	31.8	8.54	18.3	8.79	33.46	13.68	16.51	64.17	64.14	0.032	58.1	59.52	26.679	9.6213
"2010-08-25	09:00:00"	13.24	27.38	8.11	21.28	9.47	28.44	14.69	17.1	63.29	63.58	-0.295	61.65	62.76	26.689	125.15
"2010-08-25	10:00:00"	15.74	41.15	12.1	23.07	11.49	43.2	15.57	18.89	65.54	66.87	-1.328	58.88	57.96	26.7	385.99
"2010-08-25	11:00:00"	17.23	45.23	12.1	25.45	12.63	46.6	15.85	20.68	68.02	69.98	-1.963	51.96	50.01	26.707	577.01
"2010-08-25	12:00:00"	15.28	44.67	13.88	21.87	11.38	45.31	17.29	18.3	70.38	72.97	-2.593	46.44	43.54	26.707	753.97
"2010-08-25	13:00:00"	13.55	48.49	15.25	20.09	10.15	50.5	18.25	17.1	72.98	76.03	-3.055	39.53	36.68	26.695	872.15
"2010-08-25	14:00:00"	12.64	35.86	18.16	21.87	9.57	37.62	22.59	17.7	74.91	78.05	-3.137	33.48	30.93	26.678	931.65
"2010-08-25	15:00:00"	10.99	43.48	20.96	18.3	8.51	45.11	24.79	15.31	76.51	79.63	-3.123	29.49	27.02	26.663	909.69
"2010-08-25	16:00:00"	8.84	34.08	26.89	16.51	6.933	33.05	32.56	14.72	77.93	80.7	-2.781	28.28	25.97	26.645	858.22
"2010-08-25	17:00:00"	8.29	37.31	32.29	17.1	6.306	37.94	37.9	15.31	78.85	81.3	-2.453	25.53	23.51	26.626	734.93
"2010-08-25	18:00:00"	9.62	38.58	23.59	17.1	7.32	39.3	28.26	13.52	79.44	81.8	-2.349	22.56	20.76	26.613	561.96
"2010-08-25	19:00:00"	9.49	53.25	19.1	15.91	7.005	54.92	21.67	14.12	79.34	80.9	-1.531	23.18	21.85	26.606	353.87
"2010-08-25	20:00:00"	8.78	56.1	12.46	14.12	5.927	57.65	15.25	12.33	78.04	78.42	-0.381	25.19	24.78	26.606	144.54
"2010-08-25	21:00:00"	6.681	64.6	6.995	8.75	3.364	63.68	9.51	6.368	73.06	70.62	2.44	31.65	34.71	26.613	8.3498
"2010-08-25	22:00:00"	7.722	56.06	7.745	9.35	3.796	52.88	10.25	5.175	68.61	65.81	2.792	37.17	42.18	26.626	0
"2010-08-25	23:00:00"	7.529	46.84	6.04	9.95	3.981	45.47	10.1	6.368	65.43	63.37	2.06	39.66	44.44	26.644	0
"2010-08-26	00:00:00"	7.085	47.39	5.314	8.75	3.614	44.51	9.25	5.175	63.55	61.11	2.438	41.63	47.52	26.657	0
"2010-08-26	01:00:00"	7.686	41.15	6.487	9.35	4.022	38.73	10.5	6.368	62.03	59.62	2.42	43.75	49.95	26.659	0
"2010-08-26	02:00:00"	8.35	32.99	5.177	10.54	4.541	31.89	11.43	7.561	59.98	58.16	1.827	47.71	53.28	26.659	0
"2010-08-26	03:00:00"	7.845	37.17	5.488	10.54	4.236	37.24	10.1	6.368	59.16	57.01	2.143	48.69	55.14	26.658	0
"2010-08-26	04:00:00"	7.382	35.7	6.465	8.75	4.012	35.11	10.54	5.771	58.2	56	2.204	50.06	56.81	26.652	0
"2010-08-26	05:00:00"	7.1	19.14	6.548	9.35	3.856	20.34	12.71	5.771	55.91	54.25	1.666	54.33	60.45	26.645	0
"2010-08-26	06:00:00"	7.389	18.11	6.713	9.35	3.916	21.93	14.06	6.368	55.68	53.99	1.694	54.32	60.6	26.648	0
"2010-08-26	07:00:00"	7.428	22.09	5.402	9.35	4.197	24.77	12.09	6.368	55.78	54.34	1.448	53.56	59.23	26.652	0
"2010-08-26	08:00:00"	8.09	14.97	5.99	10.54	4.797	15.76	12.9	7.561	55.19	54.08	1.114	55.94	60.99	26.659	20.312
"2010-08-26	09:00:00"	8.15	24.1	10.55	11.74	5.963	24.92	16.35	9.95	59.39	59.94	-0.549	53.49	54.87	26.672	179.12
"2010-08-26	10:00:00"	8.43	40.61	12.03	12.33	6.619	42.76	16.03	10.54	65.3	66.8	-1.501	49.65	48.85	26.68	388.96
"2010-08-26	11:00:00"	6.97	72.49	19.73	11.74	5.604	71.96	23.31	11.74	70.09	72	-1.911	54.12	51.83	26.679	594.96
"2010-08-26	12:00:00"	5.916	87.6	43.7	12.33	4.913	88.5	48.55	10.54	73.14	74.95	-1.812	46.24	44.12	26.674	757.83
"2010-08-26	13:00:00"	5.707	42.91	60.57	12.93	4.648	47.19	63.81	14.12	75.32	77.44	-2.119	37.76	35.71	26.661	855.75
"2010-08-26	14:00:00"	6.428	47.76	79.64	16.51	5.173	48.13	80.9	17.1	76.9	79.44	-2.541	39.03	36.29	26.641	927.08
"2010-08-26	15:00:00"	5.752	115.7	65.75	13.52	4.933	121.6	68.19	13.52	78.41	80.4	-2.005	38.77	36.44	26.621	898.32
"2010-08-26	16:00:00"	6.483	65.51	53.83	15.91	5.356	66.85	56.66	11.74	79.87	82.1	-2.245	37.08	34.49	26.597	824.95
"2010-08-26	17:00:00"	6.617	96.4	53.51	16.51	5.59	94	54.16	14.72	81.6	83.8	-2.239	34.31	31.71	26.574	755.35
"2010-08-26	18:00:00"	7.085	73.52	36.39	13.52	5.672	73.12	38.9	11.74	82.1	83.9	-1.822	33.63	31.37	26.558	479.4
"2010-08-26	19:00:00"	7.793	89.1	18.79	12.93	6.171	89.2	22	11.14	82.2	83.6	-1.472	33.62	31.7	26.549	320.68
"2010-08-26	20:00:00"	7.78	89.8	22.3	12.93	5.761	90.1	23.94	11.14	81.1	81.7	-0.55	35.62	34.6	26.538	128.17

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-26	21:00:00"	7.897	81.5	6.412	10.54	4.877	80.4	10.25	6.964	76.39	75.62	0.773	43.65	44.77	26.533	6.6278	0	
"2010-08-26	22:00:00"	8.03	87.5	7.134	10.54	4.842	85.8	10.53	7.561	72.34	71.31	1.027	49.85	52.02	26.54	0	0	
"2010-08-26	23:00:00"	8.47	93	5.187	9.95	4.715	86.3	8.62	6.964	69.86	68.32	1.54	54.37	57.86	26.557	0	0	
"2010-08-27	00:00:00"	8.41	100.2	5.156	9.95	4.899	94.4	8.88	7.561	69	67.71	1.281	56.06	59.21	26.567	0	0	
"2010-08-27	01:00:00"	8.54	113.4	8.44	12.93	5.015	106.3	13.7	9.35	68.57	67.14	1.433	56.71	60.27	26.572	0	0	
"2010-08-27	02:00:00"	9.9	138.8	8.69	13.52	6.85	137.4	10.45	10.54	68.41	67.93	0.48	60.63	62.3	26.568	0	0	
"2010-08-27	03:00:00"	8.38	144.5	6.733	11.14	5.379	142.7	8.84	8.16	67.67	67.05	0.62	67.55	69.6	26.557	0	0	
"2010-08-27	04:00:00"	7.16	145.7	6.926	9.35	4.285	143.4	9.28	6.368	66.23	65.47	0.757	72.9	75.36	26.555	0	0	
"2010-08-27	05:00:00"	5.019	157.9	9.73	8.75	2.894	160.6	21.24	5.771	65.53	64.49	1.047	76.54	79.4	26.552	0	0	
"2010-08-27	06:00:00"	3.258	177.6	10.55	5.175	1	166.2	31.46	1	65.07	63.77	1.297	77.89	81.1	26.543	0	0	
"2010-08-27	07:00:00"	2.986	162.5	5.853	3.982	1	97.5	17.13	1	65	63.49	1.512	78.9	82.9	26.533	0	0	
"2010-08-27	08:00:00"	2.101	152.6	20.25	3.982	1	39.81	29.77	1	65.61	63.41	2.197	78.55	84.3	26.536	15.809	0	
"2010-08-27	09:00:00"	2.281	166.1	30.35	6.368	1.697	133	87.5	5.175	67.39	67.24	0.156	75.19	76.41	26.537	159.37	0	
"2010-08-27	10:00:00"	6.146	190	15.37	11.14	4.962	192.4	20.94	10.54	72.03	73	-0.968	66.71	65.64	26.536	367.43	0	
"2010-08-27	11:00:00"	6.775	187.8	23.46	12.93	5.375	190.1	31.92	11.14	74.72	76.28	-1.558	60.68	58.4	26.535	582.8	0	
"2010-08-27	12:00:00"	7.172	154.8	29.43	14.72	5.853	154	31.78	12.33	76.95	78.24	-1.286	51.32	49.41	26.531	484	0	
"2010-08-27	13:00:00"	6.37	166.6	44.53	14.72	5.203	160.2	47.84	12.33	78.8	80.3	-1.458	44.68	42.52	26.513	618.9	0	
"2010-08-27	14:00:00"	7.676	139.2	33.89	15.91	6.313	138.3	36.05	13.52	80.8	82.6	-1.803	40.05	37.6	26.488	599.29	0	
"2010-08-27	15:00:00"	8.06	141	33.64	14.72	6.561	140.6	34.72	12.33	81.6	83.2	-1.603	39.27	37.05	26.469	489.9	0	
"2010-08-27	16:00:00"	8.43	129.5	26.88	17.7	6.749	129.7	28.7	12.93	82.9	84.7	-1.883	36.89	34.44	26.447	540.56	0	
"2010-08-27	17:00:00"	8.23	142	21.8	15.31	6.618	141.7	22.73	12.93	83.4	84.6	-1.205	35.9	34.11	26.421	315.87	0	
"2010-08-27	18:00:00"	10.37	145.4	18.45	20.68	8.19	145.3	20.95	16.51	84.8	86.4	-1.596	34.03	31.8	26.398	531.99	0	
"2010-08-27	19:00:00"	10.47	156.6	11.7	15.91	8.02	155.5	13.59	12.93	83.9	84.5	-0.671	35.11	33.71	26.389	147.82	0	
"2010-08-27	20:00:00"	7.768	162.1	10.37	15.31	5.632	159.6	12.7	12.33	82.3	82.3	0.065	38.02	37.53	26.382	49.954	0	
"2010-08-27	21:00:00"	6.802	156.7	11.25	10.54	3.734	151	14.85	6.368	79.55	78.06	1.492	40.83	42.45	26.38	5.4274	0	
"2010-08-27	22:00:00"	8.74	143.6	6.492	12.93	5.404	140.5	9.16	8.16	77.38	76.03	1.347	46	47.92	26.393	0	0	
"2010-08-27	23:00:00"	9.48	151.9	7.466	13.52	6.41	150.1	9.42	9.35	75.27	74.61	0.659	49.97	51.15	26.409	0	0	
"2010-08-28	00:00:00"	8.16	156.8	7.111	11.14	5.172	155	9.06	7.561	73.17	72.37	0.804	53.82	55.54	26.414	0	0	
"2010-08-28	01:00:00"	8.98	160.4	6.909	12.33	5.541	157.6	9.65	8.75	71.82	70.92	0.902	57.41	59.46	26.41	0	0	
"2010-08-28	02:00:00"	9.1	162.5	7.377	12.93	6.095	159.5	9.84	9.95	70.97	70.4	0.571	60.74	62.35	26.408	0	0	
"2010-08-28	03:00:00"	9.19	159.3	7.407	12.33	6.005	157.1	9.57	8.75	69.65	69.06	0.591	65.15	66.96	26.396	0	0	
"2010-08-28	04:00:00"	7.556	161.7	6.349	10.54	4.211	159.3	9.66	6.368	68.52	67.59	0.93	68.65	71.28	26.388	0	0	
"2010-08-28	05:00:00"	7.506	162.7	6.597	9.35	3.722	158.4	10.38	5.771	67.94	66.51	1.434	70.63	74.41	26.38	0	0	
"2010-08-28	06:00:00"	7.061	137.4	15.78	9.35	3.964	128.5	24.21	5.771	67.59	66.34	1.254	70.77	74.5	26.378	0	0	
"2010-08-28	07:00:00"	6.738	97.5	7.746	8.75	3.566	81.3	11.84	5.771	63.63	62.11	1.52	78.02	82.5	26.377	0	0	
"2010-08-28	08:00:00"	7.648	111.4	7.696	11.14	4.985	107	11.61	7.561	64.24	63.72	0.516	78.64	81.2	26.381	15.93	0	
"2010-08-28	09:00:00"	9.64	127.2	13.83	14.72	7.056	127.1	16.74	12.33	66.99	67.29	-0.298	73.84	74.48	26.391	154.72	0	
"2010-08-28	10:00:00"	14.25	152.5	11.58	21.87	10.82	150.7	13.28	17.7	72.95	73.79	-0.836	65.08	64.04	26.391	356.67	0	
"2010-08-28	11:00:00"	17.7	171.2	11.66	25.45	13.22	170.2	15.66	20.09	77.5	78.93	-1.423	57.23	54.86	26.395	555.44	0	
"2010-08-28	12:00:00"	16.58	171.2	12.93	25.45	12.6	169.4	16.28	21.87	80.3	82.2	-1.93	52.34	49.05	26.394	729.64	0	
"2010-08-28	13:00:00"	15.51	177.6	15.12	25.45	11.76	176.5	18.93	20.68	82.9	84.9	-2.031	47.56	43.95	26.383	678.02	0	
"2010-08-28	14:00:00"	15.86	179	15.02	23.66	12	178.2	19.4	19.49	84.7	87.2	-2.485	42.72	38.75	26.368	775.98	0	
"2010-08-28	15:00:00"	16.68	167.7	14.28	27.24	12.82	166.3	17.04	20.68	85.4	87.4	-2.042	41.51	38.1	26.348	626.96	0	
"2010-08-28	16:00:00"	16.91	170.1	16.11	27.24	12.89	168.3	19.22	24.26	85.9	88.1	-2.191	40.32	36.95	26.325	757.51	0	
"2010-08-28	17:00:00"	14.53	171.6	16.65	27.24	11.09	170.3	20.23	21.87	87.2	89.2	-1.992	36.72	33.77	26.3	573.38	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-28	18:00:00"	15.61	164.5	13.5	34.4	11.82	163.4	16.24	24.26	87.1	88.1	-0.907	36.53	34.56	26.289	193.33	0	
"2010-08-28	19:00:00"	15.74	164.3	11.11	22.47	11.81	162.9	13.67	17.1	86.3	86.6	-0.364	36.95	35.56	26.288	88.861	0	
"2010-08-28	20:00:00"	15.87	187.3	26.97	27.24	11.56	187.2	30.86	22.47	81.5	81.7	-0.178	49.31	49.02	26.292	37.492	0	
"2010-08-28	21:00:00"	8.53	169.4	18.36	12.93	5.525	165.1	20.9	9.35	72.84	72.23	0.608	77.08	81.5	26.296	6.8601	0.04	
"2010-08-28	22:00:00"	6.227	141.2	6.373	9.95	2.41	135.9	10.44	6.368	73.07	71.82	1.249	76.64	83.4	26.313	0	0	
"2010-08-28	23:00:00"	8.08	151.7	7.298	10.54	3.091	149.6	10.19	6.368	74.28	71.95	2.323	68.78	78.39	26.336	0	0	
"2010-08-29	00:00:00"	10.07	170.4	6.292	13.52	6.013	167.9	9.7	9.95	73.62	72.09	1.527	66.12	72.72	26.347	0	0	
"2010-08-29	01:00:00"	9.57	163.3	8.25	13.52	6.178	160.6	10.71	9.35	72.17	71.26	0.911	63.86	68.11	26.346	0	0	
"2010-08-29	02:00:00"	9.28	160.7	8.91	12.93	5.84	158.9	11.61	9.95	71.6	70.86	0.736	62.66	66.35	26.343	0	0	
"2010-08-29	03:00:00"	7.89	173.1	7.777	12.33	4.429	171.3	11.19	8.16	72.12	71.36	0.763	58.57	62.31	26.344	0	0	
"2010-08-29	04:00:00"	8.97	166.5	6.435	11.74	5.309	164.4	9.63	8.75	71.52	70.51	1.017	56.58	60.78	26.336	0	0	
"2010-08-29	05:00:00"	8.51	161.2	7.751	11.74	5.32	159.5	10	8.75	70.5	69.61	0.895	57.23	61.13	26.335	0	0	
"2010-08-29	06:00:00"	8.92	161	7.653	12.33	6.002	159.7	9.93	9.35	70.51	69.98	0.535	56.68	59.45	26.334	0	0	
"2010-08-29	07:00:00"	9.06	163.4	8.95	13.52	6.211	161	11.36	9.95	70.76	70.24	0.525	56.06	58.54	26.335	0	0	
"2010-08-29	08:00:00"	6.844	149.3	10.96	11.74	2.525	147.1	12.87	8.75	69.04	68.39	0.644	58.83	62.09	26.35	8.3895	0	
"2010-08-29	09:00:00"	6.945	138.1	13.16	10.54	3.012	136.7	14.83	8.75	69.59	69.41	0.188	57.62	59.9	26.367	70.658	0	
"2010-08-29	10:00:00"	10.74	166.5	11.29	22.47	8.11	164.7	14.55	17.1	73.17	73.64	-0.472	53.35	53.76	26.374	247.52	0	
"2010-08-29	11:00:00"	15.25	176.5	10.5	20.68	11.29	175.3	14.73	18.3	77.1	78.4	-1.302	48.87	47.45	26.377	500.9	0	
"2010-08-29	12:00:00"	14.87	173.6	11.7	20.68	11.38	172.5	15.4	17.1	80.4	82.2	-1.856	45.96	43.29	26.38	694.87	0	
"2010-08-29	13:00:00"	13.88	167.6	14.48	20.68	10.82	166.3	17.68	17.1	83.3	85.4	-2.194	43.5	40.07	26.37	833.95	0	
"2010-08-29	14:00:00"	13.3	176.6	18.98	21.87	10.29	177.3	23.03	17.7	85.7	88.2	-2.528	40.37	36.86	26.352	891.92	0	
"2010-08-29	15:00:00"	11.68	166	24.07	21.28	9.13	165.1	27.21	17.1	87.2	89.8	-2.565	38.23	34.79	26.334	848.48	0	
"2010-08-29	16:00:00"	12.63	177.5	17.25	21.28	9.65	176.6	20.82	18.89	88.9	91.5	-2.645	36.66	33.05	26.315	804.87	0	
"2010-08-29	17:00:00"	13.53	181.2	21.67	22.47	10.24	181	25.45	17.1	89.9	92.4	-2.44	35.63	32.14	26.299	704.05	0	
"2010-08-29	18:00:00"	14.73	157.4	18.81	23.66	11.23	156.8	20.63	18.89	90.5	92.4	-1.905	35.08	32	26.287	496.55	0	
"2010-08-29	19:00:00"	15.45	155	10.45	23.66	11.64	154.1	12.16	19.49	88.6	89.2	-0.6	36.77	34.96	26.298	113.25	0	
"2010-08-29	20:00:00"	15.05	153.8	8.69	25.45	11.2	152.7	10.6	18.89	86.6	86.8	-0.183	38.93	37.65	26.291	58.532	0	
"2010-08-29	21:00:00"	12.14	152.7	7.321	19.49	8.75	151.1	9.44	14.72	84	83.8	0.236	43.05	42.44	26.303	2.1077	0	
"2010-08-29	22:00:00"	11.61	149.5	7.557	17.1	8.31	147.6	9.35	12.33	81.5	81.2	0.377	47.18	47.13	26.316	0	0	
"2010-08-29	23:00:00"	10.83	157.5	8.56	15.91	7.538	155.7	10.5	12.93	79.79	79.46	0.339	50.44	50.58	26.345	0	0	
"2010-08-30	00:00:00"	8.24	157.9	9.04	11.74	2.888	155.2	11.36	8.16	77.35	76.67	0.672	54.52	55.6	26.37	0	0	
"2010-08-30	01:00:00"	8.86	148.7	7.175	13.52	5.441	146.4	9.31	9.35	75.72	75.03	0.69	57.66	59.05	26.371	0	0	
"2010-08-30	02:00:00"	9.46	148.9	8.44	12.93	6.324	147.8	9.82	9.95	74.42	73.9	0.522	59.59	60.87	26.371	0	0	
"2010-08-30	03:00:00"	7.849	145.3	9	10.54	5.09	143.5	10.54	7.561	73.69	73.13	0.567	59.55	61.07	26.379	0	0	
"2010-08-30	04:00:00"	8.59	162.2	60.66	24.86	5.479	160.5	64.46	19.49	73.28	72.9	0.384	60.33	61.52	26.391	0	0	
"2010-08-30	05:00:00"	13.19	288.9	31.67	21.87	8.42	291.7	32.07	17.7	72.71	72.44	0.269	67.68	69.35	26.436	0	0	
"2010-08-30	06:00:00"	12.53	313.3	9.28	21.87	7.584	314.8	12.59	15.31	68.6	68.37	0.234	75.26	77.34	26.437	0	0	
"2010-08-30	07:00:00"	5.519	353.1	59.95	15.91	3.532	351.6	63.01	11.14	68.08	68.03	0.046	77.64	79.13	26.441	0	0	
"2010-08-30	08:00:00"	4.251	59.26	55.3	8.75	2.59	58.93	60.9	6.964	68.05	68.03	0.016	79	80.6	26.443	1.8076	0.01	
"2010-08-30	09:00:00"	5.221	67.24	35.08	12.93	3.272	69.73	39.17	9.95	67.91	67.24	0.67	81.4	87.6	26.464	14.258	0.18	
"2010-08-30	10:00:00"	13.75	105.4	13.42	19.49	9.62	105.4	15.66	15.31	68.1	68.11	-0.008	84.3	87.4	26.427	198.44	0.03	
"2010-08-30	11:00:00"	13.32	137.4	12.91	20.68	8.75	138.1	14.34	17.1	74.55	74.78	-0.228	70.46	72.28	26.442	315.12	0	
"2010-08-30	12:00:00"	16.74	166.6	12.42	24.26	12.57	165.2	15.36	20.09	78.11	79	-0.888	66.46	66.24	26.459	569.63	0	
"2010-08-30	13:00:00"	17.29	170.7	11.87	27.84	13.09	169.4	15.48	22.47	78.84	80.1	-1.264	65.93	64.78	26.458	657.48	0	
"2010-08-30	14:00:00"	15.38	174.9	13.69	23.66	11.58	174.7	17.31	19.49	81.4	82.9	-1.505	60.1	58.18	26.442	704.41	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-08-30	15:00:00"	16.09	169.2	14.06	25.45	12.26	167.6	17.59	20.09	84.7	86.2	-1.492	51.3	49.05	26.417	686.23	0	
"2010-08-30	16:00:00"	15.1	169.3	14.48	24.86	11.56	167.6	17.48	20.09	86	87.8	-1.85	49.31	46.28	26.4	770.99	0	
"2010-08-30	17:00:00"	14.41	184.8	14.18	23.07	10.64	183.6	19.25	19.49	86.9	88.4	-1.446	47.31	44.71	26.387	483.33	0	
"2010-08-30	18:00:00"	13.57	181.2	17.74	23.07	9.12	180.5	22.1	17.1	88.5	90	-1.516	43.76	40.95	26.374	519.3	0	
"2010-08-30	19:00:00"	13.64	165.5	11.48	21.28	10.39	162.8	13.98	17.7	88.2	89.2	-0.928	44.42	42.27	26.365	310.84	0	
"2010-08-30	20:00:00"	11.49	168.6	8.96	19.49	8.43	167.2	11.79	15.91	86.6	86.6	-0.039	46.36	45.66	26.371	68.755	0	
"2010-08-30	21:00:00"	13.61	166.5	8.2	20.09	10.08	164.7	11.37	15.91	84	83.8	0.206	53.7	53.53	26.388	4.5884	0	
"2010-08-30	22:00:00"	12.91	159.5	8.07	18.89	9.58	157.7	10.43	14.72	82	81.8	0.159	57.29	57.29	26.413	0	0	
"2010-08-30	23:00:00"	11.44	161.2	8.98	17.7	8.3	159.7	11.33	15.31	81.1	80.8	0.26	56.16	56.5	26.444	0	0	
"2010-08-31	00:00:00"	14.27	176.1	8.77	21.28	10.29	174.8	12.96	16.51	80.8	80.5	0.263	56.02	56.27	26.463	0	0	
"2010-08-31	01:00:00"	20.76	233.5	23.59	33.8	15.69	236.5	26.96	29.03	72.92	72.8	0.124	75.96	77.52	26.49	0.14598	0.69	
"2010-08-31	02:00:00"	18.03	237.6	15.04	30.82	13.27	241.5	18.46	24.86	68.05	67.81	0.245	83.5	85.6	26.47	0.12128	0.27	
"2010-08-31	03:00:00"	11.04	228.1	16.73	18.3	7.358	230	19.34	12.93	69.43	68.48	0.95	79.05	84.2	26.439	0.0022	0.05	
"2010-08-31	04:00:00"	8.91	178.3	19.22	13.52	5.568	176	21.86	9.95	69.94	68.7	1.24	77.48	84.4	26.418	0	0	
"2010-08-31	05:00:00"	8.04	216.5	38.71	15.31	5.383	220.8	40.76	12.33	68.57	68.17	0.397	84.5	87.6	26.435	0	0	
"2010-08-31	06:00:00"	6.302	278.2	11.09	9.95	2.767	279.3	14.25	7.561	69.1	68.24	0.853	81.9	86.6	26.439	0	0	
"2010-08-31	07:00:00"	5.139	260.4	12.98	7.561	1.179	252.8	25.19	4.578	69.19	67.66	1.537	79.7	86.4	26.448	0	0	
"2010-08-31	08:00:00"	4.082	271.9	19.42	7.561	1.022	276.3	39.87	2.789	68.77	67.55	1.216	81.4	87.8	26.47	9.3271	0	
"2010-08-31	09:00:00"	2.109	102.2	51.24	4.578	1	91	34.51	1.596	68.62	68.21	0.412	84.8	89.4	26.477	76.782	0	
"2010-08-31	10:00:00"	4.11	119.6	32.35	6.964	1.443	118.7	34.83	5.771	72.02	72.4	-0.375	74.92	76.09	26.479	327.84	0	
"2010-08-31	11:00:00"	7.189	157.5	16.65	14.12	5.107	158.4	19.48	12.33	76.69	77.45	-0.766	59.02	59.63	26.479	562.29	0	
"2010-08-31	12:00:00"	9.94	185.4	27.46	16.51	7.625	186.2	31.56	13.52	79.74	81	-1.213	56.84	56.54	26.485	658.19	0	
"2010-08-31	13:00:00"	7.375	217.1	27.91	16.51	5.517	219.9	33.7	15.31	81.1	82.2	-1.14	58.34	57.6	26.479	715.58	0	
"2010-08-31	14:00:00"	7.069	208.8	35.63	14.12	5.272	209.5	43.23	12.93	83.5	84.9	-1.404	52.5	51.35	26.463	791.39	0	
"2010-08-31	15:00:00"	9.75	218.2	19.6	16.51	6.994	221.5	23.69	12.93	84.7	85.8	-1.033	48.35	47.88	26.449	452.74	0	
"2010-08-31	16:00:00"	8.43	202.4	19.68	15.91	6.017	203.3	25.3	12.93	84.8	85.5	-0.663	44.04	44.08	26.431	349.09	0	
"2010-08-31	17:00:00"	7.815	226.7	17.68	15.91	5.857	229.4	21.3	12.33	85.9	86.7	-0.883	44.9	44.35	26.406	494.2	0	
"2010-08-31	18:00:00"	10.16	210.3	15.37	18.3	6.907	213.3	20.35	13.52	87.2	88.3	-1.081	39.81	39	26.389	497.84	0	
"2010-08-31	19:00:00"	6.529	250.4	24.21	12.93	3.16	256.7	27.52	10.54	86.7	86.2	0.457	38.94	40.66	26.384	140.63	0	
"2010-08-31	20:00:00"	4.596	236.4	22.76	6.964	1	241.7	25.76	1	85.3	83.8	1.456	44.16	50.84	26.375	65.837	0	
"2010-08-31	21:00:00"	5.743	171.5	15.03	7.561	1	162.9	18.72	1	82.9	80.6	2.269	50.19	59.47	26.382	6.9402	0	
"2010-08-31	22:00:00"	7.979	177.1	7.23	11.74	1.711	169.7	11.35	6.964	81	78.54	2.451	49.35	56.74	26.404	0	0	
"2010-08-31	23:00:00"	7.329	158.9	8.48	9.35	1	151.9	12.51	1	77.77	75.25	2.521	54.84	63.43	26.427	0	0	
"2010-09-01	00:00:00"	9.11	160.9	7.417	15.31	4.177	158.6	10.19	9.35	76.03	74.63	1.396	58.47	63.37	26.439	0	0	
"2010-09-01	01:00:00"	9.61	164.7	7.792	14.12	6.016	162.5	10.53	9.95	75.34	74.33	1.005	59.77	63.24	26.442	0	0	
"2010-09-01	02:00:00"	8.63	167.8	8.31	13.52	4.981	165.4	11.49	9.35	73.64	72.72	0.919	63.26	66.68	26.435	0	0	
"2010-09-01	03:00:00"	6.692	166	9.18	11.14	1.963	161.4	16.18	8.16	71.59	70.25	1.336	70.22	75.33	26.427	0	0	
"2010-09-01	04:00:00"	5.59	165.7	9.11	7.561	1	160	18.61	1	70.79	69.2	1.594	73.27	79.35	26.419	0	0	
"2010-09-01	05:00:00"	5.666	172.9	7.743	7.561	1	167.6	13.1	1	71.24	69.46	1.783	72.7	79.04	26.414	0	0	
"2010-09-01	06:00:00"	6.441	164.2	8.59	9.35	1.139	160.4	14.28	5.771	70.01	68.58	1.428	76.08	81.9	26.411	0	0	
"2010-09-01	07:00:00"	6.215	155.6	9.49	8.75	1	149.8	12.81	1	69.59	68.43	1.162	76.99	81.9	26.413	0	0	
"2010-09-01	08:00:00"	7.103	173.9	15.89	11.74	2.321	174.2	20.86	7.561	69.33	68.33	0.997	77.95	82.3	26.414	12.649	0	
"2010-09-01	09:00:00"	6.236	235.8	21.54	9.95	2.511	239.7	21.85	7.561	69.78	69.81	-0.03	78.27	80.2	26.414	119.07	0	
"2010-09-01	10:00:00"	7.577	281.2	14.51	11.74	4.145	283.4	17.1	11.14	73.48	74.37	-0.892	72.91	72.47	26.403	353.33	0	
"2010-09-01	11:00:00"	6.531	167.9	48.2	12.33	5.273	187.1	40.9	9.35	80.3	81	-0.644	60.92	59.95	26.406	561.02	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-01	12:00:00"	5.608	163.5	75.38	18.89	5.228	297.5	26.06	18.89	85.7	86	-0.231	47.84	46.83	26.406	733.5	0.1	
"2010-09-01	13:00:00"	8.4	290.1	22.54	14.72	5.339	291.7	25.09	12.33	87	88.5	-1.508	41.45	39.97	26.394	853.35	0	
"2010-09-01	14:00:00"	4.971	274.2	48.67	11.74	3.52	275.2	52.04	9.95	88.5	89.9	-1.363	38.91	37.42	26.37	763.65	0	
"2010-09-01	15:00:00"	5.452	244.5	53.74	17.1	4.283	245.9	60.28	11.74	89.9	91.1	-1.191	36.67	35.14	26.346	792	0	
"2010-09-01	16:00:00"	10.42	215.6	32.24	31.42	7.595	215.1	36.93	22.47	88	88.6	-0.579	38.24	37.62	26.33	282.43	0	
"2010-09-01	17:00:00"	13.98	190.2	12.56	26.65	10.38	188.7	17.16	21.28	85.2	86.5	-1.309	44.44	42.89	26.314	655.87	0	
"2010-09-01	18:00:00"	12.87	188.8	21.9	20.09	9.54	188.4	25.12	16.51	89.5	90.7	-1.196	37.93	36.33	26.298	519.78	0	
"2010-09-01	19:00:00"	13.97	146	19.33	29.03	10.49	144.7	19.82	22.47	88.4	89.1	-0.751	38.12	36.88	26.301	361.82	0	
"2010-09-01	20:00:00"	18.79	103.8	10.47	29.63	13.69	102.5	13.4	24.86	77.75	78.14	-0.394	59.88	59.32	26.324	92.575	0	
"2010-09-01	21:00:00"	11.81	112.2	8.17	19.49	7.573	110.9	12.25	16.51	75.19	74.97	0.215	59.35	60.48	26.338	2.7286	0	
"2010-09-01	22:00:00"	8.65	122.1	10.27	13.52	5.501	120.9	13.4	9.95	73.53	73.1	0.429	60.86	62.78	26.354	0	0	
"2010-09-01	23:00:00"	9.22	152.8	11.93	17.1	6.465	151.1	13.32	14.12	71.78	71.53	0.254	65.44	67.15	26.374	0	0	
"2010-09-02	00:00:00"	6.702	161.7	9.04	11.14	1.793	159.3	11.88	7.561	70.35	69.89	0.456	70.55	73.34	26.375	0	0	
"2010-09-02	01:00:00"	7.733	164.1	8.71	12.93	4.219	162	11.5	10.54	69.56	69.18	0.377	73.98	76.43	26.371	0	0	
"2010-09-02	02:00:00"	6.025	166	15.41	8.75	1.589	167.3	21.29	5.771	69.01	68.34	0.672	76.92	80.2	26.368	0	0	
"2010-09-02	03:00:00"	5.765	193.6	11	8.75	1.268	197.8	16.28	5.771	67.8	66.98	0.821	81.4	85.2	26.361	0	0	
"2010-09-02	04:00:00"	5.829	213.2	6.388	8.16	1	215.8	11.52	1	68.22	67.13	1.083	81.4	85.8	26.354	0	0	
"2010-09-02	05:00:00"	3.197	205.6	7.879	6.368	1	176.8	22.6	1	68.09	66.4	1.683	80.8	87.8	26.351	0	0	
"2010-09-02	06:00:00"	4.139	206.6	10.53	5.771	1	208.5	41.84	1	69.02	66.73	2.284	77.89	85.7	26.351	0	0	
"2010-09-02	07:00:00"	4.99	253.6	34.49	6.964	1	273.5	38.46	1	69.13	66.51	2.63	78.49	86.2	26.355	0	0	
"2010-09-02	08:00:00"	4.215	226.2	27.88	6.368	1	234.9	49.67	1	69.88	67.12	2.761	76.7	84.9	26.363	15.491	0	
"2010-09-02	09:00:00"	3.406	194.2	29.71	9.95	1.284	179.7	53.09	8.16	70.12	69.85	0.262	78.48	82.2	26.374	165.56	0	
"2010-09-02	10:00:00"	9.21	157.3	18.24	14.72	7.177	154.5	19.02	12.33	74.41	75.08	-0.67	69.82	69.84	26.385	372.44	0	
"2010-09-02	11:00:00"	8.53	182.3	21.85	12.93	6.68	180.5	26.58	10.54	78.1	79.28	-1.177	61.36	60.18	26.4	576.46	0	
"2010-09-02	12:00:00"	7.977	216.8	16.87	12.33	6.181	218.3	22.27	11.14	81.6	83.2	-1.609	55.65	53.74	26.404	749.38	0	
"2010-09-02	13:00:00"	6.751	241.2	36.93	12.93	5.11	245.2	39.49	10.54	85.9	87.5	-1.527	45.46	43.47	26.397	858.06	0	
"2010-09-02	14:00:00"	4.169	229	60.53	9.95	3.237	229.2	65.5	9.35	89.1	90.3	-1.244	37.27	35.56	26.385	922.11	0	
"2010-09-02	15:00:00"	4.068	356.6	48.85	9.35	3.352	359.5	55.44	7.561	91.4	92.8	-1.467	32.78	30.99	26.376	909.1	0	
"2010-09-02	16:00:00"	4.73	92.7	51.85	12.33	2.97	92.9	55.02	9.95	93.8	95	-1.256	24.37	22.79	26.358	882.93	0	
"2010-09-02	17:00:00"	7.579	84.7	53.68	19.49	5.657	82.9	55.57	17.1	94.6	96	-1.358	26.3	24.56	26.343	689.92	0	
"2010-09-02	18:00:00"	7.793	86.3	31.02	16.51	5.831	83.5	34.47	14.12	94.8	95.8	-0.981	25.96	24.44	26.337	555.89	0	
"2010-09-02	19:00:00"	10.45	92.3	21.88	24.26	7.445	90.6	23.35	20.68	94.2	94.5	-0.225	26.25	25.27	26.345	280.74	0	
"2010-09-02	20:00:00"	11.86	124.1	8.86	24.26	7.898	123.2	12.93	18.3	89.9	89.4	0.497	34.61	34.32	26.356	84.342	0	
"2010-09-02	21:00:00"	9.17	138.4	7.418	12.93	5.696	136.8	9.79	9.95	85.1	84	1.119	41.66	42.86	26.375	2.4604	0	
"2010-09-02	22:00:00"	7.164	133.5	12.29	10.54	4.1	125.9	20.22	6.964	82.2	80.8	1.392	46.11	48.86	26.408	0	0	
"2010-09-02	23:00:00"	9.21	66.21	39.79	26.65	5.739	39.05	23.02	20.68	79.83	76.84	2.99	51.42	59.65	26.452	0	0	
"2010-09-03	00:00:00"	21.73	43.43	12.95	36.78	15.59	44.02	15.98	28.43	78.45	78.2	0.252	57.4	57.75	26.503	0	0	
"2010-09-03	01:00:00"	25.56	58.71	9.39	43.35	18.4	58.38	12.8	32.61	73.37	73.29	0.08	70.3	70.86	26.549	0	0	
"2010-09-03	02:00:00"	24.9	65.1	9.16	37.38	17.77	64.8	12.51	29.03	69.32	69.35	-0.034	79.04	79.85	26.572	0	0	
"2010-09-03	03:00:00"	22.83	70.58	8.95	35.59	16.34	70.16	12.7	28.43	68.02	68.14	-0.123	82	82.8	26.588	0	0	
"2010-09-03	04:00:00"	19.44	71.62	8.6	32.61	13.85	71.11	12.64	27.24	67.4	67.44	-0.036	82.4	83.4	26.588	0	0	
"2010-09-03	05:00:00"	16.82	57.76	10.2	27.84	12.12	57.55	13.34	22.47	66.74	66.73	0.015	81.4	82.7	26.594	0	0	
"2010-09-03	06:00:00"	18.18	57.84	10.21	27.84	13.34	57.35	13.67	23.07	65.74	65.84	-0.095	78.13	79.35	26.627	0	0	
"2010-09-03	07:00:00"	20.22	67.69	9.17	30.82	14.39	66.85	12.9	25.45	65.02	65.02	-0.006	65.63	67.27	26.658	0	0	
"2010-09-03	08:00:00"	20.91	67.19	8.69	33.21	15.04	66.84	12.3	26.05	64.3	64.21	0.093	53.5	55.37	26.681	16.675	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-09-03	09:00:00"	13.4	63.41	11.73	28.43	9.75	62.94	14.76	21.28	63.7	64.1	-0.405	58.09	59.44	26.726	137.85	0
"2010-09-03	10:00:00"	13.48	65.92	11.08	24.86	9.82	65.64	14.34	20.68	65.03	65.89	-0.857	54.4	55.35	26.741	304.65	0
"2010-09-03	11:00:00"	16.21	73.61	13.02	24.26	11.95	73.2	15.67	19.49	66.55	68.02	-1.47	45.55	45.56	26.742	536.55	0
"2010-09-03	12:00:00"	14.29	82.7	13.17	21.28	10.65	81.9	15.99	17.1	67.56	69.21	-1.644	44.21	43.82	26.749	572.84	0
"2010-09-03	13:00:00"	10.16	80.5	16.3	17.7	7.725	80	18.66	14.72	69.22	70.73	-1.507	42.03	41.83	26.736	453.02	0
"2010-09-03	14:00:00"	9.38	67.93	25.3	18.3	7.319	68.55	28.91	17.7	71.08	73.18	-2.1	38.75	38.15	26.713	769.76	0
"2010-09-03	15:00:00"	7.878	51.82	23.15	14.12	6.252	50.76	28.13	12.93	72.35	74.17	-1.819	36.49	36.03	26.687	617.51	0
"2010-09-03	16:00:00"	8	65.74	22.9	15.31	6.311	65.61	27.04	12.33	73.7	75.7	-2	35.37	34.68	26.657	743.78	0
"2010-09-03	17:00:00"	6.752	63.84	36.61	12.93	4.929	63.7	45.02	11.74	75.12	76.85	-1.736	34.05	33.24	26.631	682.69	0
"2010-09-03	18:00:00"	8.37	75.63	26.1	16.51	6.137	75.43	29	11.74	75.76	77.23	-1.468	34.31	33.74	26.609	444.54	0
"2010-09-03	19:00:00"	8.14	72.06	19.19	13.52	6.167	71.48	21.5	11.74	76.31	77.35	-1.037	32.91	32.77	26.598	313.16	0
"2010-09-03	20:00:00"	7.578	77.92	8.25	12.33	1.661	76.33	11.36	8.16	74.55	74.18	0.372	35.93	37.51	26.596	84.969	0
"2010-09-03	21:00:00"	7.312	90.8	6.892	9.95	1	86.6	9.32	1	69.9	68.29	1.613	43.65	48.8	26.598	2.4555	0
"2010-09-03	22:00:00"	7.863	107.5	3.741	9.35	1	99.4	8.58	1	67.65	65.41	2.24	44.96	52.18	26.618	0	0
"2010-09-03	23:00:00"	8.53	106.9	4.137	9.95	1	98.1	9.19	1	66.49	64.14	2.351	45.9	53.4	26.636	0	0
"2010-09-04	00:00:00"	8.47	101.1	4.755	9.95	2.46	86.7	9.36	5.175	64.9	61.87	3.039	48.97	58.65	26.643	0	0
"2010-09-04	01:00:00"	8.7	100.8	3.402	9.95	4.178	83.1	9.61	5.771	63.77	59.88	3.891	52.02	64.06	26.647	0	0
"2010-09-04	02:00:00"	8.35	101	5.459	9.95	4.198	88.5	9.88	6.368	61.3	58.72	2.579	56.63	65.88	26.646	0	0
"2010-09-04	03:00:00"	8.77	107.4	5.844	11.14	4.836	97.7	10.36	6.964	59.83	58.03	1.804	60.43	67.42	26.643	0	0
"2010-09-04	04:00:00"	7.2	111.3	7.909	9.95	3.88	96.4	17.55	6.368	59.15	57.25	1.906	62.33	69.47	26.628	0	0
"2010-09-04	05:00:00"	6.561	82	12.87	8.16	3.753	53.06	9.45	4.578	58.84	54.9	3.942	61.93	75.59	26.621	0	0
"2010-09-04	06:00:00"	5.856	73.66	14.4	7.561	3.575	41.47	18.83	4.578	58.04	53.39	4.657	63.44	79.47	26.618	0	0
"2010-09-04	07:00:00"	4.098	81	36.26	6.368	2.442	18.06	42.02	4.578	57.62	53.89	3.735	64.27	77.3	26.615	0	0
"2010-09-04	08:00:00"	1.954	262.6	65.87	3.982	1.957	330.6	34.26	4.578	58.2	53.7	4.5	63	78.12	26.625	14.542	0
"2010-09-04	09:00:00"	3.545	90.5	21.02	9.35	2.357	76.48	32.9	6.368	60.19	59.52	0.666	60.7	67.5	26.637	163.66	0
"2010-09-04	10:00:00"	8.62	135	13.93	14.72	6.333	133.1	16.3	11.14	65.34	66.21	-0.874	48	49.14	26.635	373.69	0
"2010-09-04	11:00:00"	7.469	167.8	23.03	13.52	4.362	165.9	26.35	10.54	69.04	70.2	-1.167	40.3	40.44	26.629	579.39	0
"2010-09-04	12:00:00"	7.271	182.8	25.45	13.52	5.83	181.1	30.39	13.52	72.13	73.57	-1.44	35.49	35.11	26.623	751.01	0
"2010-09-04	13:00:00"	7.686	186.9	32.22	15.31	6.334	185.6	38.37	13.52	74.34	76.04	-1.705	34.06	33.31	26.601	867.05	0
"2010-09-04	14:00:00"	8.32	209.1	23.12	14.72	6.624	209.5	28.71	12.93	77.14	79.19	-2.053	30.05	29.04	26.574	922.53	0
"2010-09-04	15:00:00"	7.723	203.8	32.52	15.31	6.293	204.6	39.47	13.52	79.33	81.2	-1.894	27.83	26.69	26.543	893.43	0
"2010-09-04	16:00:00"	9.05	199.7	33.21	15.91	7.206	198.5	39.97	13.52	81.2	83.1	-1.906	27.51	26.21	26.513	840.55	0
"2010-09-04	17:00:00"	9.31	207.6	26.7	15.31	7.022	207.7	31.25	14.72	82.8	84.6	-1.816	25.4	24.09	26.482	709.9	0
"2010-09-04	18:00:00"	9.92	205.4	17.01	17.1	6.805	206.2	21.34	14.12	83.9	85.3	-1.458	24.77	23.64	26.46	526.19	0
"2010-09-04	19:00:00"	10.55	203.5	16.67	15.91	7.414	202.5	21.09	13.52	83.7	84.5	-0.801	26.55	25.74	26.448	312.56	0
"2010-09-04	20:00:00"	10.27	189.4	9.16	14.72	6.696	188.2	13.96	11.74	82	81.7	0.327	28.7	28.88	26.438	104.55	0
"2010-09-04	21:00:00"	8.77	174.7	9.36	11.74	3.685	170.7	13.81	8.16	76.66	74.97	1.686	34.38	36.76	26.438	2.2617	0
"2010-09-04	22:00:00"	10.06	174.6	7.741	15.31	2.487	169.2	10.93	11.14	72.86	71.38	1.485	38.57	41.45	26.452	0	0
"2010-09-04	23:00:00"	8.81	179	10.79	14.12	4.643	177.5	14.71	9.95	70.44	69.15	1.29	42.32	45.55	26.464	0	0
"2010-09-05	00:00:00"	9.96	170.9	6.913	14.12	6.213	168.8	10.22	9.95	67.16	66.15	1.008	45.43	48.8	26.458	0	0
"2010-09-05	01:00:00"	9.13	169.1	7.318	13.52	5.68	166.9	10.51	9.35	65.76	64.8	0.965	45.08	48.45	26.45	0	0
"2010-09-05	02:00:00"	7.863	188	13.84	12.33	3.44	192.7	22.6	8.75	65.21	63.6	1.607	47.59	52.13	26.444	0	0
"2010-09-05	03:00:00"	7.128	207.3	7.358	11.14	1.451	209	13.77	5.771	65.04	62.28	2.756	48.24	55.86	26.438	0	0
"2010-09-05	04:00:00"	6.928	204.9	5.674	10.54	1.169	209.2	13.86	5.771	63.02	60.6	2.418	51.46	58.95	26.425	0	0
"2010-09-05	05:00:00"	6.957	198.6	5.474	8.75	1	202.5	9.08	1	62.98	59.82	3.156	53.96	62.41	26.41	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-05	06:00:00"	6.251	198.2	3.607	7.561	1	202.6	6.996	1	62.54	59.53	3.011	57.49	65.16	26.4	0	0
"2010-09-05	07:00:00"	6.485	195.1	7.826	8.16	1	192.9	15.57	1	62.13	58.63	3.505	60.81	69.32	26.394	0	0
"2010-09-05	08:00:00"	6.523	198.9	8.34	9.95	1	201.7	18.23	1	61.87	59.39	2.479	63.81	71.2	26.393	14.715	0
"2010-09-05	09:00:00"	4.673	204.9	14.32	7.561	1	204.3	19.72	1	62.64	62.73	-0.087	64.71	67.17	26.401	166.73	0
"2010-09-05	10:00:00"	6.498	213.6	14.36	10.54	2.488	217.2	18.84	9.95	67.96	68.91	-0.942	59.22	59.29	26.407	377.8	0
"2010-09-05	11:00:00"	8.99	222.3	12.23	13.52	5.499	223.9	17.17	11.74	74.27	75.72	-1.446	49.81	48.71	26.408	587.58	0
"2010-09-05	12:00:00"	9.07	222.6	23.36	14.12	6.278	223.5	26.03	11.74	80.8	82.5	-1.697	39.96	38.29	26.401	764.7	0
"2010-09-05	13:00:00"	8.49	243.8	23.73	14.12	6.719	246.3	28.07	12.93	85.6	87.4	-1.818	31.64	29.88	26.381	885.41	0
"2010-09-05	14:00:00"	9.49	224.6	20.49	17.7	5.412	225.3	26.63	16.51	89	90.9	-1.867	24.74	22.77	26.353	939.45	0
"2010-09-05	15:00:00"	12.35	212.8	20.94	23.07	9.46	213	24.82	20.09	91.3	93.4	-2.185	20.08	17.98	26.326	906.28	0
"2010-09-05	16:00:00"	13.11	210.3	19.7	23.66	9.72	212	24.12	20.09	92.3	94.4	-2.126	18.78	16.66	26.301	849.48	0
"2010-09-05	17:00:00"	14.33	194	20.33	26.65	10.39	192.5	24.93	19.49	92.5	94.3	-1.792	17.88	15.84	26.286	716.22	0
"2010-09-05	18:00:00"	13.84	190.1	17.76	23.66	10.18	187.7	21.38	18.89	92	93.2	-1.263	18.6	16.78	26.275	528.81	0
"2010-09-05	19:00:00"	13.46	200.5	13.93	25.45	9.6	201.5	18.69	20.09	91	91.7	-0.606	19.69	18.26	26.267	314.74	0
"2010-09-05	20:00:00"	12.31	189.8	8.89	20.09	8.15	188.7	13.54	16.51	88.4	88	0.456	22.48	21.81	26.266	103.42	0
"2010-09-05	21:00:00"	9.55	173.2	7.009	13.52	5.536	167.8	10.87	9.35	82.8	81.2	1.629	28.7	29.84	26.274	1.9596	0
"2010-09-05	22:00:00"	9.95	156.7	6.074	15.91	4.984	150.9	8.09	12.93	78	75.88	2.124	31.78	34.22	26.288	0	0
"2010-09-05	23:00:00"	11.41	155.1	7.571	15.91	7.857	151.9	9.1	12.33	75.83	75.14	0.687	38.87	39.77	26.304	0	0
"2010-09-06	00:00:00"	14.06	167.2	8.01	21.87	9.93	164	10.89	19.49	74.98	74.46	0.518	45.89	46.8	26.313	0	0
"2010-09-06	01:00:00"	13.65	168.8	7.868	20.09	9.73	166.1	11.17	17.1	73.6	73.19	0.411	54.66	55.75	26.323	0	0
"2010-09-06	02:00:00"	12.75	174.5	8.03	17.7	8.99	172.7	11.86	15.31	71.63	71.16	0.472	60.22	61.71	26.329	0	0
"2010-09-06	03:00:00"	12.3	174.2	9.01	17.7	8.87	171.6	12.59	15.31	70.18	69.74	0.435	65.85	67.5	26.321	0	0
"2010-09-06	04:00:00"	12.09	176.4	7.772	17.7	8.4	174.2	11.6	14.12	68.91	68.44	0.466	69.18	71.11	26.309	0	0
"2010-09-06	05:00:00"	11.34	180.2	8.64	18.3	8.01	177.9	12.37	14.72	67.62	67.17	0.448	72.65	74.71	26.305	0	0
"2010-09-06	06:00:00"	9.52	180.4	8.98	14.12	6.619	179.1	13.27	11.74	66.36	65.79	0.572	76.29	78.79	26.306	0	0
"2010-09-06	07:00:00"	9.32	177.8	8.35	14.72	6.133	176.7	12.43	10.54	65.63	64.98	0.65	78.61	81.4	26.31	0	0
"2010-09-06	08:00:00"	7.91	184	8.61	11.74	3.876	185.8	13.1	7.561	65.14	64.33	0.809	79.34	82.7	26.316	13.554	0
"2010-09-06	09:00:00"	9.79	191.8	8.89	20.68	6.856	192.1	13.69	15.91	67.14	67.25	-0.112	74.78	76.11	26.32	164.74	0
"2010-09-06	10:00:00"	13.64	191.5	10.14	18.89	9.88	190.6	14.97	15.31	72.54	73.41	-0.868	61.57	61.01	26.321	377.83	0
"2010-09-06	11:00:00"	13.38	195.3	11.31	19.49	9.76	194.7	16.48	15.31	76.95	78.49	-1.545	51.43	49.68	26.323	585.09	0
"2010-09-06	12:00:00"	12.33	203.2	15.24	18.3	9.11	202.9	20.42	15.91	80.9	82.8	-1.928	42.83	40.5	26.329	757.9	0
"2010-09-06	13:00:00"	12.41	202.8	14.57	20.09	9.04	203	20.27	17.7	84.7	87	-2.24	36.02	33.65	26.322	874.77	0
"2010-09-06	14:00:00"	11.61	197.2	19.48	19.49	8.42	197	23.98	15.91	88.3	90.6	-2.319	30	27.51	26.3	928.62	0
"2010-09-06	15:00:00"	10.23	200.3	31.66	18.3	7.771	200	35.9	15.31	90.6	92.8	-2.134	25.06	22.59	26.283	896.97	0
"2010-09-06	16:00:00"	10.46	195	25.48	19.49	7.989	193	30.38	20.68	91.7	93.7	-1.977	22.95	20.53	26.266	843.83	0
"2010-09-06	17:00:00"	10.71	186.6	26.41	21.28	7.462	185.9	31.96	17.7	92.3	94.1	-1.84	21.96	19.61	26.254	704.33	0
"2010-09-06	18:00:00"	11.01	166.2	20.92	20.09	7.612	162.4	24.43	15.91	92.4	93.7	-1.349	22.13	19.95	26.249	515.49	0
"2010-09-06	19:00:00"	10.55	170.3	15.61	17.7	6.323	167.4	18.06	15.31	91.8	92.5	-0.735	23.15	21.4	26.25	301.37	0
"2010-09-06	20:00:00"	13.82	145.7	13.71	21.28	9.88	143.9	14.71	17.7	88.9	88.8	0.084	26	24.92	26.265	94.057	0
"2010-09-06	21:00:00"	11.54	143.7	7.321	17.1	7.843	141.6	9.29	14.12	83.6	82.9	0.746	30.69	30.66	26.288	1.5385	0
"2010-09-06	22:00:00"	12.53	152.8	8.38	17.7	9.08	150	10.09	14.72	80.2	79.64	0.529	37.26	37.39	26.311	0	0
"2010-09-06	23:00:00"	11.07	159.7	7.232	14.72	7.792	156.7	9.21	11.74	77.13	76.55	0.573	42.32	43.06	26.335	0	0
"2010-09-07	00:00:00"	10.89	153.5	7.673	15.31	7.491	150.2	9.34	11.74	74.63	74.02	0.61	48.45	49.66	26.35	0	0
"2010-09-07	01:00:00"	6.908	192.9	26.03	11.74	4.264	197.1	32.92	8.75	71.57	70.3	1.262	54.38	57.32	26.37	0	0
"2010-09-07	02:00:00"	7.941	179.2	7.15	11.14	4.56	174.9	11.94	7.561	70.5	68.83	1.674	56.75	60.76	26.38	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-07	03:00:00"	7.853	178.6	7.851	10.54	4.146	177.6	14.98	6.368	69.52	67.61	1.906	58.27	63.06	26.378	0
"2010-09-07	04:00:00"	7.48	183.4	11.04	11.14	2.322	184.3	19.2	6.368	68.05	66.48	1.573	61.06	65.37	26.37	0
"2010-09-07	05:00:00"	6.753	167.5	11.78	9.95	1	155	28.01	1	67.42	65.23	2.193	62.69	68.29	26.368	0
"2010-09-07	06:00:00"	6.745	148.4	13.7	9.35	1	138.9	21.28	1	66.54	64.47	2.064	66.67	72.1	26.375	0
"2010-09-07	07:00:00"	4.932	101.4	47.18	7.561	1	70.31	61.89	1	64.91	62.65	2.267	74.74	79.99	26.382	0
"2010-09-07	08:00:00"	7.254	32.14	25.82	20.09	2.626	22.58	29.31	15.91	63.68	61.27	2.404	79.27	84.8	26.411	4.7858
"2010-09-07	09:00:00"	8.95	37.2	17.45	15.91	6.453	36.47	20.97	12.33	66.76	66.98	-0.217	77.79	78.62	26.457	35.589
"2010-09-07	10:00:00"	9.6	73.22	12.11	14.12	6.986	73	15.31	11.74	69.8	70.49	-0.687	75.96	75.58	26.474	142.85
"2010-09-07	11:00:00"	9.18	87.8	16.14	19.49	6.602	87.1	18.67	20.68	73.18	74.82	-1.635	68.43	66.14	26.48	527.25
"2010-09-07	12:00:00"	9.96	87.5	16.19	15.91	6.998	86.2	19.9	13.52	76.97	79.1	-2.126	60.42	57.04	26.482	713.75
"2010-09-07	13:00:00"	9.96	80.5	18.96	18.89	7.315	79.64	21.74	15.91	79.29	81.7	-2.436	55.52	51.58	26.471	767.47
"2010-09-07	14:00:00"	11.2	85	17.79	21.87	8.18	84.5	20.96	18.89	81.4	84	-2.56	50.31	46.21	26.456	826.42
"2010-09-07	15:00:00"	13.13	87.5	15.04	21.28	9.68	86.5	18.13	17.7	83	85.4	-2.442	46.91	42.84	26.436	732.44
"2010-09-07	16:00:00"	14.98	84.5	13.05	23.66	11.17	83.2	15.54	19.49	84.5	87.3	-2.746	44.89	40.38	26.413	837.33
"2010-09-07	17:00:00"	16.3	98.7	12.09	26.05	11.7	97.4	14.45	21.28	80.1	81.1	-0.967	58.57	57.2	26.407	209.52
"2010-09-07	18:00:00"	18.22	108.5	10.09	28.43	13.32	107.5	13.58	22.47	79.93	81.3	-1.38	57.04	54.58	26.402	431.92
"2010-09-07	19:00:00"	13.89	109.4	12.59	21.87	10.19	107.8	15.87	17.7	78.61	79.94	-1.328	59.25	56.83	26.398	319.59
"2010-09-07	20:00:00"	10.42	114.9	13.55	16.51	6.95	113.7	16.61	12.93	77.08	77.62	-0.542	61.8	60.84	26.4	103.56
"2010-09-07	21:00:00"	8.36	97.9	9.42	13.52	3.792	95.7	12.51	10.54	74.72	74.54	0.175	64.43	64.97	26.415	1.5009
"2010-09-07	22:00:00"	8.71	105.5	8.68	14.72	2.596	103.4	11.8	10.54	72.67	72.49	0.178	71.17	71.94	26.438	0
"2010-09-07	23:00:00"	6.782	83	9.6	12.93	2.154	80.3	12.29	9.35	69.66	69.11	0.556	79.49	81.3	26.457	0
"2010-09-08	00:00:00"	6.69	65.2	8.56	8.75	3.691	63.23	11.71	6.964	67.52	67.13	0.392	86.1	87.8	26.461	0
"2010-09-08	01:00:00"	7.552	59.32	8.59	13.52	4.875	57.85	11.54	10.54	66.54	66.33	0.213	90.8	92.1	26.457	0
"2010-09-08	02:00:00"	6.669	57.71	8.79	11.14	3.195	56.54	12	8.75	65.81	65.52	0.287	91.7	93	26.45	0
"2010-09-08	03:00:00"	5.711	51.15	9.87	11.14	2.215	49.94	12.87	8.75	65.66	65.58	0.076	91.3	93	26.441	0
"2010-09-08	04:00:00"	5.395	36.54	19.11	9.35	1	34.63	22.04	1	66.37	66.37	-0.004	88.4	89.8	26.433	0
"2010-09-08	05:00:00"	5.334	21.7	9.17	9.35	1.604	20	14.7	7.561	67.04	67.18	-0.135	85.1	86.1	26.427	0
"2010-09-08	06:00:00"	6.762	15.13	15.74	10.54	3.045	11.95	20.85	8.16	67.43	67.55	-0.121	82.4	83.3	26.421	0
"2010-09-08	07:00:00"	8.01	3.831	13.49	12.33	4.184	359.2	16.95	10.54	67.51	67.61	-0.095	80.4	81.3	26.411	0
"2010-09-08	08:00:00"	5.984	358.3	12.37	10.54	1.757	352.1	15.26	7.561	65.99	65.56	0.428	83.5	85.7	26.413	5.8088
"2010-09-08	09:00:00"	6.369	0.363	12.66	9.35	3.596	354.7	15.29	8.75	67.34	67.72	-0.38	81.1	81.6	26.424	64.744
"2010-09-08	10:00:00"	8.56	3.939	15.92	13.52	5.899	1.112	20.78	12.33	69.93	70.87	-0.949	73.24	72.46	26.424	191.08
"2010-09-08	11:00:00"	8.94	13.38	17.25	14.72	6.33	11.15	22.49	13.52	71.3	72.77	-1.478	69.05	67.18	26.429	362.9
"2010-09-08	12:00:00"	7.912	11.87	20.44	13.52	4.573	8.94	26.02	11.74	72.91	75.05	-2.14	65.34	62.13	26.432	630.99
"2010-09-08	13:00:00"	7.363	13.5	28.67	15.31	4.82	8.38	35.57	12.93	74.86	77.04	-2.176	60.77	57.36	26.422	735.63
"2010-09-08	14:00:00"	7.812	19.53	34.15	15.91	5.914	18.63	41.61	14.12	77.02	79.4	-2.374	56.27	52.56	26.404	757.39
"2010-09-08	15:00:00"	6.161	7.362	34.06	14.12	4.296	5.089	41.68	11.14	78.82	80.7	-1.916	51.58	48.53	26.385	519.29
"2010-09-08	16:00:00"	6.124	36.62	49.34	11.74	4.43	34.49	57.46	11.14	80.7	82.8	-2.105	47.4	44.02	26.359	713.33
"2010-09-08	17:00:00"	4.591	155.9	46.4	9.95	2.126	156.6	55.21	9.35	81.6	82.7	-1.057	44.88	42.9	26.335	468.83
"2010-09-08	18:00:00"	4.667	219.7	85	9.95	2.099	218.5	87.6	9.35	83.2	84.4	-1.195	41.11	39.01	26.314	444.62
"2010-09-08	19:00:00"	2.553	316.1	90.3	6.964	1.1	326.4	89.9	6.964	83.8	84.4	-0.646	39.43	38.04	26.304	241.31
"2010-09-08	20:00:00"	2.221	226.2	63.21	6.368	1	225.8	64.45	1	83.9	83.9	0.049	38.62	38.26	26.3	86.49
"2010-09-08	21:00:00"	6.963	115.2	10.66	9.35	1	107.3	13.89	1	80.9	78.17	2.738	43.33	47.56	26.303	1.0263
"2010-09-08	22:00:00"	7.782	113.1	8.67	9.35	1	101.6	14.58	1	76.8	74.36	2.434	49.89	54.06	26.325	0
"2010-09-08	23:00:00"	8.63	129.8	13.38	11.74	2.04	124.3	16.85	7.561	74.75	73.41	1.337	55.46	58.09	26.346	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-09	00:00:00"	7.799	166.8	8.54	11.74	3.807	164.5	11.54	8.16	72.24	71.64	0.595	63.67	65.21	26.355	0
"2010-09-09	01:00:00"	6.329	195.3	13.6	9.95	2.484	204	20.04	6.368	70.53	69.18	1.344	69.84	73.04	26.361	0
"2010-09-09	02:00:00"	5.594	195.7	10.61	7.561	1.043	192.7	16.09	3.982	70.07	68.11	1.959	70.71	75.48	26.361	0
"2010-09-09	03:00:00"	5.27	207.9	13.93	7.561	1.036	211.3	21.44	4.578	68.32	66.7	1.621	74.14	78.22	26.36	0
"2010-09-09	04:00:00"	5.799	222.5	13.74	8.16	1.401	225.2	19.64	5.771	67.52	66.15	1.375	75.92	79.98	26.354	0
"2010-09-09	05:00:00"	4.581	181	20.63	6.964	1	146.1	28.62	1	67.33	65.06	2.278	76.31	81.7	26.341	0
"2010-09-09	06:00:00"	6.318	159.5	11.65	9.35	1.016	155.9	21	5.175	67.17	65.94	1.235	78.53	82.4	26.329	0
"2010-09-09	07:00:00"	6.72	177.5	10.92	9.35	1.005	175.2	15.2	4.578	67.17	66.76	0.419	80.7	82.7	26.333	0
"2010-09-09	08:00:00"	7.084	177.2	9.06	11.14	1.113	174.6	12.62	6.964	68.14	68.07	0.074	82.8	83.8	26.337	11.168
"2010-09-09	09:00:00"	8.61	184.7	9.64	12.93	5.157	183.2	14.12	10.54	69.86	69.96	-0.105	84	84.6	26.347	36.25
"2010-09-09	10:00:00"	11.67	180.6	9.89	18.3	7.225	178.1	13.74	14.72	72.5	73.07	-0.568	82	81.3	26.35	207.55
"2010-09-09	11:00:00"	11.57	188.8	13.36	15.91	8.15	188	17.35	13.52	75.69	76.93	-1.235	74.05	71.99	26.352	349.51
"2010-09-09	12:00:00"	12.1	191.3	13.48	18.3	8.92	190.1	18.49	15.31	78.56	80.5	-1.984	65.93	62.53	26.356	686.23
"2010-09-09	13:00:00"	12.5	195.7	14.68	20.09	8.89	195	20.18	17.1	83.4	85.7	-2.304	51.78	47.89	26.341	827.27
"2010-09-09	14:00:00"	10.95	209.8	25.3	20.09	8.18	210.3	29.5	17.7	86.8	89.2	-2.399	41.17	37.61	26.318	880.89
"2010-09-09	15:00:00"	12.2	217.4	22.71	21.28	9.33	218.1	26.01	17.7	89.6	92.1	-2.486	35.91	32.59	26.291	850.35
"2010-09-09	16:00:00"	13.46	219.4	18.01	23.66	9.94	219.8	22.9	18.3	91	93	-1.959	33.88	30.94	26.263	569.04
"2010-09-09	17:00:00"	14.44	222.2	20.95	24.26	10.65	223.4	23.98	21.28	92.6	94.7	-2.114	31.37	28.26	26.234	695.6
"2010-09-09	18:00:00"	13.04	246.1	17.13	21.28	9.27	248.3	19.57	17.1	91.6	92.6	-0.985	31.45	29.29	26.225	244.73
"2010-09-09	19:00:00"	14.08	222.2	15.42	31.42	10.3	223.9	19.54	23.66	90.7	91.2	-0.545	33.23	31.49	26.22	187.25
"2010-09-09	20:00:00"	15.06	187.5	9.14	28.43	10.66	186.2	14.21	21.87	81.3	81.6	-0.301	53.45	52.5	26.238	79.38
"2010-09-09	21:00:00"	9.58	185.9	8.75	15.91	5.943	185.5	13.2	11.74	80.2	79.78	0.442	51.07	51.41	26.252	2.2952
"2010-09-09	22:00:00"	10.59	185	11.16	16.51	7.323	183.8	15.17	13.52	78.26	77.96	0.296	53.7	54.02	26.278	0
"2010-09-09	23:00:00"	14.46	201.9	9.86	26.05	9.87	202.4	15.09	20.68	76.28	76.14	0.143	61.42	61.65	26.306	0
"2010-09-10	00:00:00"	8.49	198.4	11.91	17.1	5.178	196.7	17.14	12.33	75.09	74.81	0.284	66.6	67.39	26.29	0
"2010-09-10	01:00:00"	6.795	213.5	12.1	10.54	3.14	214.3	16.18	8.16	72.5	71.88	0.625	69.26	71	26.291	0
"2010-09-10	02:00:00"	6.029	220.8	13.65	9.95	2.033	221.2	19.64	6.964	71.09	70.06	1.023	71.76	74.63	26.288	0
"2010-09-10	03:00:00"	7.484	204.2	7.878	11.14	4.044	203.8	12.46	6.964	69.99	69.16	0.836	73.82	76.4	26.292	0
"2010-09-10	04:00:00"	7.018	212.4	12.37	12.33	3.777	211.8	17.3	9.35	70.15	69.5	0.651	76.63	78.78	26.295	0
"2010-09-10	05:00:00"	6.446	206.3	15.4	11.74	2.942	204.8	21.04	8.16	69.41	68.77	0.636	78.76	81	26.3	0
"2010-09-10	06:00:00"	5.623	187.3	9.61	7.561	1.237	183.1	16.18	4.578	68.03	66.83	1.206	83.2	86.3	26.301	0
"2010-09-10	07:00:00"	6.141	224.3	11.42	8.75	1	230.9	16.97	1	67.96	66.65	1.306	84.1	87.7	26.307	0
"2010-09-10	08:00:00"	7.349	247.9	10.33	10.54	4.33	251.1	13.36	8.75	67.23	66.33	0.899	86.5	89.3	26.325	11.265
"2010-09-10	09:00:00"	6.7	255.6	9.03	10.54	4.074	257.6	12.63	8.16	68.14	68.13	0.007	83.8	85.3	26.344	86.128
"2010-09-10	10:00:00"	9.14	285.7	11.07	15.31	5.851	286.1	14.08	12.93	73.42	74.03	-0.615	64.02	63.8	26.354	244.68
"2010-09-10	11:00:00"	9.35	298.4	13.32	15.91	5.735	298.2	16.71	13.52	79.56	80.4	-0.871	42.41	41.8	26.362	399.12
"2010-09-10	12:00:00"	13.42	308.4	14.29	20.09	8.4	308.7	17.57	15.31	84.9	86.9	-2.026	28.53	26.57	26.361	735.65
"2010-09-10	13:00:00"	12.53	291.1	18.08	21.28	8.29	291.5	20.47	17.7	86.7	88.9	-2.252	24.98	22.75	26.358	860.93
"2010-09-10	14:00:00"	11.24	271.3	21.49	23.07	8.27	272	23.61	15.91	88.3	90.7	-2.367	23.16	20.71	26.349	919.95
"2010-09-10	15:00:00"	11.22	278	23.56	24.26	7.989	278.3	26.32	19.49	89.8	92.2	-2.444	19.55	17.13	26.337	893.03
"2010-09-10	16:00:00"	10.95	263.7	25.4	23.66	8.34	265.1	28.51	19.49	90.7	93	-2.317	18.91	16.44	26.318	832.69
"2010-09-10	17:00:00"	12.43	251.8	19.54	21.87	9.8	253.9	22.96	20.68	91.7	93.6	-1.937	16.53	14.24	26.299	698.34
"2010-09-10	18:00:00"	11.93	252.7	21.73	20.68	8.91	254.8	25.76	16.51	91.4	93	-1.555	16.79	14.69	26.287	510.2
"2010-09-10	19:00:00"	12.72	256.6	14.63	20.09	9.49	258.8	17.81	17.1	90.9	91.6	-0.717	17.23	15.54	26.283	294.47
"2010-09-10	20:00:00"	11.16	253.9	9.23	19.49	8.05	256.5	13.53	16.51	89.3	88.8	0.485	18.42	17.44	26.29	85.739

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-10	21:00:00"	7.505	258.9	6.171	10.54	4.155	263.7	8.98	6.964	85.2	82.4	2.778	22.14	23.39	26.31	0.88295
"2010-09-10	22:00:00"	6.419	266.3	6.363	9.95	3.548	271.7	8.02	5.175	83	79.77	3.209	23.28	25.52	26.333	0
"2010-09-10	23:00:00"	7.458	187.9	27.91	15.31	3.601	180.5	23.79	9.95	77.3	74.61	2.688	30.25	32.59	26.354	0
"2010-09-11	00:00:00"	7.757	176.6	10.73	11.74	3.141	173.3	17.84	8.16	72.73	70.44	2.293	44.74	47.41	26.369	0
"2010-09-11	01:00:00"	6.951	192.6	9.55	11.14	3.791	197.5	14.65	7.561	70.12	68.24	1.88	55.72	59.3	26.373	0
"2010-09-11	02:00:00"	6.832	202.1	9.06	9.35	3.515	204.5	16.52	5.771	68.53	65.22	3.308	59.52	65.83	26.374	0
"2010-09-11	03:00:00"	6.952	232.2	15.05	9.35	1.7	236.6	12.43	4.578	68.24	63.74	4.496	56.8	68.26	26.369	0
"2010-09-11	04:00:00"	8.56	297.5	16.52	14.72	3.902	299	18.78	8.75	66.97	64.07	2.9	40.88	49.32	26.367	0
"2010-09-11	05:00:00"	11.52	317.2	9.23	15.91	6.11	316.4	12.38	11.14	65.11	63.81	1.304	36.72	39.74	26.371	0
"2010-09-11	06:00:00"	10.56	340.5	9.15	14.72	6.048	338.4	12.66	11.14	66.74	64.5	2.245	31.32	35.1	26.379	0
"2010-09-11	07:00:00"	9.23	352.9	10.65	14.12	4.86	355.5	13.25	9.35	68.58	64.9	3.681	26.51	31.57	26.393	0
"2010-09-11	08:00:00"	6.797	350.6	11.79	11.74	2.765	356.5	14.32	6.964	66.27	63.01	3.25	26.57	31.95	26.407	16.153
"2010-09-11	09:00:00"	13.61	341.9	9.03	21.28	9.84	339.5	12.65	19.49	69.6	69.5	0.101	21.91	23.1	26.421	188.15
"2010-09-11	10:00:00"	16.52	354.8	14.07	24.26	12.13	350.5	14.73	21.28	74.01	74.7	-0.687	18.83	18.97	26.439	359.64
"2010-09-11	11:00:00"	14.05	12.68	13.3	22.47	10.58	9.76	19.88	19.49	75.88	77.47	-1.593	20.79	20.15	26.458	596.61
"2010-09-11	12:00:00"	9.49	18.07	15.67	15.91	7.29	16.13	21.83	12.93	79.5	81.7	-2.165	20.28	19.05	26.471	722.08
"2010-09-11	13:00:00"	9.02	14.18	20.68	14.72	6.825	11.04	25.41	12.33	82.3	85	-2.702	24.25	22.05	26.473	880.22
"2010-09-11	14:00:00"	8.48	4.855	27.65	16.51	6.547	2.892	31.9	14.72	84.9	87.5	-2.656	26.74	24.09	26.465	927.5
"2010-09-11	15:00:00"	6.407	326.1	66.03	14.72	4.604	321.6	67.49	12.33	87.7	89.7	-1.982	23.94	21.56	26.453	837.98
"2010-09-11	16:00:00"	8.25	298.1	55.33	16.51	6.226	297.2	56.27	11.74	89.8	91.9	-2.146	17.86	15.56	26.434	810.25
"2010-09-11	17:00:00"	6.975	277.8	50.6	15.31	5.072	277.3	52.38	14.12	90.3	92.2	-1.834	16.45	14.28	26.42	701.38
"2010-09-11	18:00:00"	6.042	298.4	56.62	23.07	4.306	298.2	55.27	23.07	90.8	92.2	-1.344	15.21	13.26	26.411	509.64
"2010-09-11	19:00:00"	5.444	318.5	75.83	11.74	3.559	318.8	76.41	9.95	90.6	91.4	-0.84	14.36	12.76	26.405	290.78
"2010-09-11	20:00:00"	6.666	20.86	18.08	11.14	2.72	17.85	21.2	8.16	88	86.6	1.419	16.86	17.17	26.414	80.809
"2010-09-11	21:00:00"	7.606	41.64	5.808	10.54	1.811	38.1	11.64	4.578	82.2	77.03	5.131	21.36	25.5	26.432	0.48298
"2010-09-11	22:00:00"	9.4	89.1	13.86	12.93	2.744	81.1	15.2	8.16	77.53	73.36	4.17	29.13	32.89	26.458	0
"2010-09-11	23:00:00"	8.46	88	4.619	11.14	1	64.23	12.16	1	74.54	69.06	5.487	34.32	41.14	26.479	0
"2010-09-12	00:00:00"	11.65	85.1	6.653	21.28	5.922	79.09	10.45	16.51	73.95	71.1	2.851	37.09	40.98	26.493	0
"2010-09-12	01:00:00"	11.1	72.52	11.05	16.51	7.433	71.67	14.22	13.52	71.74	71.15	0.59	62.35	63.67	26.495	0
"2010-09-12	02:00:00"	10.14	63.1	7.135	13.52	6.186	61.84	11.21	11.14	69.12	68.46	0.658	73.74	75.68	26.5	0
"2010-09-12	03:00:00"	10.24	64.17	7.59	13.52	6.334	62.62	11.3	10.54	68.38	67.84	0.548	79.28	81.2	26.509	0
"2010-09-12	04:00:00"	10.07	62.85	7.356	14.72	6.756	61.83	11.52	12.33	67.56	67.12	0.442	84.8	86.5	26.514	0
"2010-09-12	05:00:00"	12.99	74.56	9.14	21.28	9.2	73.71	12.92	15.31	69.39	69.49	-0.095	88.5	89	26.517	0
"2010-09-12	06:00:00"	12.67	81.6	8.37	21.87	8.92	80.7	11.89	17.7	70.3	70.37	-0.075	88.3	88.7	26.522	0
"2010-09-12	07:00:00"	10.8	79.47	7.452	16.51	7.469	77.96	11.47	13.52	69.98	69.78	0.195	88.9	89.9	26.528	0
"2010-09-12	08:00:00"	9.67	76.13	7.361	14.12	6.65	73.9	11.23	10.54	69.41	69.11	0.304	89.9	91.3	26.545	5.4332
"2010-09-12	09:00:00"	10.42	81.6	8.1	15.91	7.478	79.83	11.99	13.52	69.82	69.99	-0.172	88.8	89.3	26.557	86.019
"2010-09-12	10:00:00"	11.55	96.1	10.49	16.51	8.62	94.5	13.72	12.93	71.67	72.53	-0.857	83.5	82.3	26.568	229.68
"2010-09-12	11:00:00"	11.11	109.3	14.19	16.51	8.44	108.3	17.35	13.52	74.2	75.66	-1.464	77.26	74.63	26.585	408.28
"2010-09-12	12:00:00"	8.64	131.1	23.71	15.31	6.412	129.8	26.63	12.33	77.12	78.87	-1.755	70.54	67.14	26.587	625.42
"2010-09-12	13:00:00"	7.373	112.6	24.82	13.52	5.061	111.6	27.69	11.14	79.61	81.1	-1.522	64.68	61.64	26.575	466.94
"2010-09-12	14:00:00"	6.772	131.1	29.66	12.93	4.782	128.8	33.04	11.14	82.5	84	-1.462	56.17	53.18	26.557	569.92
"2010-09-12	15:00:00"	9.79	121.6	26.75	17.7	7.214	121.3	28.68	14.72	84.7	86.5	-1.799	51.38	47.78	26.531	622.73
"2010-09-12	16:00:00"	13.06	146.5	12.56	21.28	9.76	144.8	14.37	17.1	79.88	80.5	-0.611	62.81	63.04	26.519	87.062
"2010-09-12	17:00:00"	14.04	141.2	9.82	23.66	10.27	140.1	11.57	18.89	75.01	74.94	0.074	70.4	72.13	26.524	74.141

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-12	18:00:00"	6.204	135.3	19.23	14.72	4.063	134.2	23.55	11.74	76.47	76.5	-0.037	69.65	70.54	26.513	49.54	0	
"2010-09-12	19:00:00"	5.109	153.3	32.71	11.14	3.289	154.2	35.67	9.35	79.43	79.8	-0.366	60.2	60.05	26.499	173.65	0	
"2010-09-12	20:00:00"	6.387	103	19.32	9.35	2.888	100.8	22.85	8.16	81.2	80.8	0.461	55.84	56.65	26.497	66.134	0	
"2010-09-12	21:00:00"	7.286	97.5	7.127	10.54	2.093	91.7	10.33	6.368	77.56	76.41	1.151	66.06	68.16	26.509	0.55255	0	
"2010-09-12	22:00:00"	8.92	108.6	20.53	15.31	3.914	100.4	28.35	11.14	75.98	74.59	1.386	71.17	74.11	26.523	0	0	
"2010-09-12	23:00:00"	10.06	128	8.21	14.72	6.571	126.8	11.65	11.14	75.41	74.93	0.48	73.98	75.22	26.539	0	0	
"2010-09-13	00:00:00"	9.33	131.6	8.4	13.52	5.187	130.4	10.76	9.95	74.1	73.6	0.493	75.2	76.69	26.547	0	0	
"2010-09-13	01:00:00"	8.78	140.3	8.35	12.93	3.631	138	10.35	8.16	72.64	72.13	0.511	77.34	79.03	26.539	0	0	
"2010-09-13	02:00:00"	8.7	152.2	8.56	14.12	4.652	149.9	10.37	9.95	72	71.51	0.486	76.24	77.98	26.534	0	0	
"2010-09-13	03:00:00"	7.284	168.7	10.51	9.95	1.951	166.1	12.84	6.368	70.13	69.47	0.664	79.55	81.8	26.529	0	0	
"2010-09-13	04:00:00"	6.738	165	7.404	9.35	1	163.2	10.84	1	69.02	68.1	0.912	81.4	84.3	26.525	0	0	
"2010-09-13	05:00:00"	5.228	179.2	13.83	8.16	1	179.9	25	1	68.77	67.27	1.503	81.1	85.3	26.527	0	0	
"2010-09-13	06:00:00"	6.284	188.4	7.971	10.54	1.111	192.4	15.31	6.368	69.1	67.5	1.606	78.23	83.2	26.53	0	0	
"2010-09-13	07:00:00"	7.602	169.1	6.295	9.95	2.294	164.6	9.79	6.368	68.35	67.11	1.236	78.56	82.6	26.534	0	0	
"2010-09-13	08:00:00"	6.92	146.7	13.05	8.75	1	140.8	13.25	1.596	68.05	67.12	0.929	79.48	82.9	26.544	17.064	0	
"2010-09-13	09:00:00"	8.54	138.8	14.25	13.52	4.573	136	16.14	12.33	69.83	70	-0.171	78.65	79.36	26.549	138.96	0	
"2010-09-13	10:00:00"	13.27	166.2	9.82	20.09	9.98	163.9	12.68	16.51	73.77	74.54	-0.775	73.24	72.22	26.553	328.52	0	
"2010-09-13	11:00:00"	13.04	159.9	11.44	21.28	10.14	157.4	13.82	16.51	76.95	78.16	-1.213	66.65	64.54	26.559	462.92	0	
"2010-09-13	12:00:00"	11.52	151.8	19.46	19.49	8.91	150.3	20.77	16.51	80.6	82.5	-1.823	56.16	52.97	26.558	691.49	0	
"2010-09-13	13:00:00"	13.13	148.4	16.51	23.07	10.17	146.1	18.5	18.89	83.7	85.8	-2.157	45.67	41.99	26.545	825.53	0	
"2010-09-13	14:00:00"	13	158.2	19.47	22.47	10.19	156.4	20.59	18.89	85.2	87.6	-2.385	40.96	37.41	26.519	877.25	0	
"2010-09-13	15:00:00"	13.23	164.9	21.92	23.07	10.24	163.4	24.38	18.3	86.9	89.4	-2.49	38.35	34.94	26.495	849.82	0	
"2010-09-13	16:00:00"	12.51	160.5	22.09	21.28	9.78	158.6	23.94	17.7	88	90.2	-2.202	34.64	31.57	26.47	793.45	0	
"2010-09-13	17:00:00"	11.78	158.9	23.51	19.49	9.05	157.1	26.42	17.1	88.6	90.7	-2.062	33.78	30.8	26.446	655.47	0	
"2010-09-13	18:00:00"	12.12	151.9	17.17	22.47	6.563	150.1	18.7	17.1	88.7	90.2	-1.564	35.71	33.06	26.436	447.48	0	
"2010-09-13	19:00:00"	12.42	153.5	11.85	20.09	9.22	150.9	13.34	15.91	87.2	87.8	-0.58	38.23	36.55	26.43	129.17	0	
"2010-09-13	20:00:00"	11	154.7	10.23	16.51	8.02	151.8	11.78	14.12	85.9	85.9	-0.044	40.45	39.37	26.441	53.442	0	
"2010-09-13	21:00:00"	9.25	148.2	6.756	12.33	5.853	145.1	8.97	8.75	82.3	81.6	0.632	45.47	45.73	26.457	0.20302	0	
"2010-09-13	22:00:00"	8.1	147	7.788	11.74	4.819	142.8	9.92	8.16	79.77	78.92	0.855	49.65	50.68	26.486	0	0	
"2010-09-13	23:00:00"	7.699	148.1	7.132	11.14	3.821	143.8	9.31	7.561	78.7	77.55	1.153	51.44	53.22	26.505	0	0	
"2010-09-14	00:00:00"	9.75	157.9	6.875	13.52	6.275	154.4	8.8	10.54	77.49	76.89	0.605	54.15	55.1	26.508	0	0	
"2010-09-14	01:00:00"	8.73	166.7	7.938	12.93	5.52	163.9	10.62	9.95	75.58	75.08	0.505	57.54	58.58	26.506	0	0	
"2010-09-14	02:00:00"	6.799	206.4	27.55	11.14	2.707	212.7	33.97	8.16	73.15	72.3	0.848	62.47	64.49	26.508	0	0	
"2010-09-14	03:00:00"	6.733	238.8	15.5	9.95	3.375	244.1	17.88	6.964	73.38	72.66	0.722	61.93	63.8	26.511	0	0	
"2010-09-14	04:00:00"	6.948	247.9	14.27	9.95	3.746	250.3	17.29	6.964	72.75	72.08	0.668	62.32	64.14	26.506	0	0	
"2010-09-14	05:00:00"	5.712	225.3	7.194	8.16	1.157	224.7	15.12	5.175	72.05	70.58	1.472	63.84	67.29	26.493	0	0	
"2010-09-14	06:00:00"	6.352	223.6	10.44	8.75	1.444	226.9	15.22	5.175	71.59	69.78	1.811	65.69	69.84	26.486	0	0	
"2010-09-14	07:00:00"	9.36	177.3	9.16	12.93	5.148	171.8	12.63	9.95	71.62	70.9	0.718	67.39	69.46	26.479	0	0	
"2010-09-14	08:00:00"	10.91	149.3	10.43	15.31	7.319	146.2	11.58	11.14	70.7	70.44	0.258	69.95	71.18	26.481	13.012	0	
"2010-09-14	09:00:00"	8.37	141.9	12.42	13.52	5.287	140.2	14.5	10.54	70.92	71.06	-0.144	71.72	72.23	26.502	130.33	0	
"2010-09-14	10:00:00"	10.92	168.6	13.08	17.1	8.31	166	15.4	13.52	73.55	74.42	-0.869	68.18	67.03	26.51	272.98	0	
"2010-09-14	11:00:00"	10.05	173.9	12.99	15.91	7.533	170.7	16.95	12.33	75.27	76.48	-1.216	65.49	63.61	26.515	369.15	0	
"2010-09-14	12:00:00"	8.39	169.8	19.46	13.52	6.236	167.5	22.43	12.33	79.28	80.8	-1.476	57.21	54.65	26.512	630.14	0	
"2010-09-14	13:00:00"	9.15	175.1	24.33	17.1	6.834	175.2	28.96	13.52	83.2	85.4	-2.163	45.26	41.77	26.496	856.57	0	
"2010-09-14	14:00:00"	8.65	186.7	24.48	18.3	6.482	185.8	29.23	13.52	84.9	87.1	-2.149	40.83	37.62	26.475	783.43	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-14	15:00:00"	8.16	216.8	34.36	15.91	6.069	219.1	37.83	14.72	86.9	88.9	-1.969	38.29	35.39	26.448	625.49	0
"2010-09-14	16:00:00"	6.967	227.6	42.96	15.31	5.308	229.3	48.98	12.93	87.7	89.4	-1.681	38.33	35.61	26.419	646.71	0
"2010-09-14	17:00:00"	8.03	191.3	39.91	17.1	6.06	192.3	42.53	15.31	89	90.5	-1.526	35.89	33.28	26.397	448.8	0
"2010-09-14	18:00:00"	5.201	184.3	34.03	14.12	2.971	188.4	40.51	12.33	88.7	89.3	-0.577	35.56	33.83	26.385	121.07	0
"2010-09-14	19:00:00"	10.12	229.3	39.51	20.09	6.461	230.1	40.96	14.72	87.2	87.4	-0.189	38.77	37.49	26.391	50.733	0
"2010-09-14	20:00:00"	7.838	330.8	63.87	14.72	4.354	333.7	63.63	12.33	80.9	80.9	0.075	51.09	51.18	26.412	12.151	0
"2010-09-14	21:00:00"	8.68	102.7	29.49	15.91	5.266	101.9	33.69	12.33	76.55	75.73	0.827	63.77	68.07	26.422	0.23261	0
"2010-09-14	22:00:00"	10.78	113.6	7.887	17.7	7.459	112	11.84	12.93	74.68	74.53	0.151	67.81	68.66	26.443	0	0
"2010-09-14	23:00:00"	10.12	127.3	8	15.31	6.65	125.7	11.85	12.33	75.43	75.17	0.259	65.32	66.2	26.446	0	0
"2010-09-15	01:00:00"	8.34	146.2	12.56	14.12	4.662	142.9	13.74	10.54	75.58	74.92	0.659	63.21	64.89	26.444	0	0
"2010-09-15	02:00:00"	9.68	173.8	6.933	13.52	6.223	170.8	10.88	9.95	74	73.52	0.484	65.11	66.54	26.445	0	0
"2010-09-15	03:00:00"	8.92	176.2	6.84	12.33	5.481	173.1	11.06	8.75	73.23	72.82	0.411	66.29	67.63	26.444	0	0
"2010-09-15	04:00:00"	7.32	179.3	8.54	11.74	4.021	178.2	12.57	8.16	72.22	71.72	0.501	68.97	70.67	26.441	0	0
"2010-09-15	05:00:00"	7.626	173.4	7.95	11.14	4.014	170.1	11.31	8.16	71.64	71.18	0.453	69.91	71.59	26.437	0	0
"2010-09-15	06:00:00"	8.78	171.3	7.45	14.12	5.435	168.8	10.98	11.74	71.01	70.73	0.281	71.05	72.37	26.437	0	0
"2010-09-15	07:00:00"	8.68	171.2	8.41	13.52	6.009	169.3	11.91	10.54	71	70.93	0.07	73.09	73.91	26.438	0	0
"2010-09-15	08:00:00"	9.43	177.3	8.39	14.12	6.465	175.2	12.73	10.54	70.46	70.38	0.083	77.84	78.69	26.442	5.4512	0
"2010-09-15	09:00:00"	9.73	179.6	8.98	17.7	6.912	177.3	13.51	11.74	70.63	70.82	-0.194	82.8	83	26.452	87.889	0
"2010-09-15	10:00:00"	11.92	186.1	11.06	16.51	8.74	183.5	16.39	13.52	72.96	74.08	-1.123	79.79	77.93	26.454	331.53	0
"2010-09-15	11:00:00"	10.29	193	14.89	15.91	7.615	192.3	19.53	13.52	77	78.76	-1.763	69.57	66.4	26.458	509.68	0
"2010-09-15	12:00:00"	8.76	210.1	19.5	13.52	6.685	211.4	24.23	11.14	79.73	81.6	-1.906	62.44	58.98	26.454	619.97	0
"2010-09-15	13:00:00"	6.541	205	31.02	12.93	4.667	203.2	36.23	11.14	83.7	85.7	-1.942	52.37	48.76	26.438	811.16	0
"2010-09-15	14:00:00"	6.385	248.1	45.51	23.07	3.907	249.9	50.53	18.89	87.3	89.4	-2.055	43.55	39.83	26.418	872.12	0
"2010-09-15	15:00:00"	6.869	205.3	51.33	15.91	4.802	205.9	55.5	14.72	89.2	91.1	-1.824	38.52	35.49	26.393	844.91	0
"2010-09-15	16:00:00"	6.671	243.4	39.6	14.12	3.196	245.4	47.47	12.33	90.9	92.9	-1.957	34.81	31.73	26.362	762.32	0
"2010-09-15	17:00:00"	7.526	260.6	52.66	17.1	4.712	261.8	53.57	12.93	92.3	94.6	-2.355	32.62	29.18	26.338	763.76	0
"2010-09-15	18:00:00"	13.17	101.3	25.41	30.82	9.42	100.3	27.05	22.47	86	86.9	-0.917	42.98	40.47	26.351	73.104	0
"2010-09-15	19:00:00"	12.12	129.3	51.76	50.5	8.36	126.3	57.12	37.98	77.09	75.49	1.602	59.03	66.25	26.37	90.034	0.38
"2010-09-15	20:00:00"	8.34	147.9	18.07	13.52	5.196	147.1	20.54	9.95	78.13	77	1.128	63.87	70.87	26.37	73.193	0
"2010-09-15	21:00:00"	9.92	148	8.88	17.7	6.505	144.7	10.77	12.93	75.85	74.93	0.919	66.68	71.34	26.386	0.40467	0
"2010-09-15	22:00:00"	9.52	160.9	15.9	15.31	6.129	158.6	17.79	11.74	74.52	73.86	0.663	66.9	70.29	26.414	0	0
"2010-09-15	23:00:00"	6.433	178.2	17.35	11.74	2.646	179.6	24.41	8.75	72.42	71.46	0.962	70.82	76.27	26.43	0	0
"2010-09-16	00:00:00"	6.171	205.2	14.62	11.74	2.872	212.8	20.17	8.75	70.9	69.94	0.953	69.73	75.4	26.435	0	0
"2010-09-16	01:00:00"	5.681	231.9	6.724	9.35	2.561	239.1	12.3	6.368	70.9	69.35	1.556	67.97	76.46	26.427	0	0
"2010-09-16	02:00:00"	7.561	245.7	16.81	11.74	4.889	249.6	20.06	8.75	69.91	68.83	1.074	70.24	75.55	26.409	0	0
"2010-09-16	03:00:00"	6.939	187.2	21.34	11.74	2.351	183.9	28.43	8.16	68.11	66.92	1.193	74.72	81.2	26.419	0	0
"2010-09-16	04:00:00"	6.267	204.1	19.64	11.74	2.88	209.7	24.53	8.75	68.33	67.19	1.148	72.93	78.31	26.417	0	0
"2010-09-16	05:00:00"	4.883	169.8	11.94	6.368	1.191	140.9	21.08	3.982	69.26	67.09	2.173	70.62	79.69	26.423	0	0
"2010-09-16	06:00:00"	3.705	105.3	47.85	5.175	1	61.65	35.44	1	69.28	66.83	2.447	70.77	80.6	26.428	0	0
"2010-09-16	07:00:00"	5.263	65.99	12.92	6.964	1	50.88	13.16	1	65.71	64.24	1.47	80	88.4	26.434	0	0
"2010-09-16	08:00:00"	5.061	56.24	16.32	8.16	1	41.77	16.44	1	66.21	65.17	1.043	79.96	86.7	26.445	7.287	0
"2010-09-16	09:00:00"	7.066	77.54	13.64	11.14	2.67	74.25	15.99	9.35	66.8	66.93	-0.135	83.2	85.3	26.465	81.782	0
"2010-09-16	10:00:00"	6.254	106.6	9.99	8.75	4.914	105	14	8.16	69.58	69.99	-0.411	83.2	84	26.474	155.66	0
"2010-09-16	11:00:00"	6.885	114.7	15.65	11.14	5.502	112	18	9.35	72.48	73.48	-1.001	80.4	79.86	26.482	457.4	0
"2010-09-16	12:00:00"	7.027	131.6	16.38	11.14	5.56	131.4	19.48	9.35	76.57	77.86	-1.29	72.34	71.08	26.484	636.75	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-16	13:00:00"	7.69	112.5	18.71	13.52	6.096	112.3	22.57	11.74	81.4	83.1	-1.684	61.11	59.08	26.475	814.27	0	
"2010-09-16	14:00:00"	10.77	110.8	17.67	19.49	8.09	109.9	20.88	15.31	85.3	87.3	-1.933	48.96	46.51	26.458	876.28	0	
"2010-09-16	15:00:00"	14.24	120.2	14.64	23.66	10.61	118.9	17.57	18.89	87.5	89.4	-1.95	40.43	38.12	26.432	732.65	0	
"2010-09-16	16:00:00"	14.6	121.1	10.8	22.47	10.23	119.7	14.37	17.7	86	86.5	-0.515	42.24	41.38	26.408	227.4	0	
"2010-09-16	17:00:00"	12.28	128.1	8.55	17.7	8.37	126.6	12.48	13.52	85.9	86.1	-0.164	41.07	40.74	26.395	169.92	0	
"2010-09-16	18:00:00"	9.06	145.2	13.22	16.51	5.759	142.9	13.82	12.33	85.3	85.1	0.251	42.12	42.56	26.392	72.75	0	
"2010-09-16	19:00:00"	7.469	157.5	18.69	12.93	3.664	154.5	20.03	10.54	83.4	82.8	0.651	46.54	48.22	26.406	12.235	0	
"2010-09-16	20:00:00"	8.66	220.4	31.31	25.45	3.467	221.3	34.88	18.89	79.47	78.85	0.617	52.82	54.88	26.427	1.2082	0	
"2010-09-16	21:00:00"	6.614	354.8	47.94	10.54	2.096	353.5	47.38	7.561	74.16	72.9	1.261	69.69	75.93	26.448	0	0.01	
"2010-09-16	22:00:00"	13.74	304.5	19.24	37.38	7.629	304.2	21.39	30.22	71.13	70.43	0.706	77.87	82.2	26.48	0	0.01	
"2010-09-16	23:00:00"	16.28	323.8	8.76	28.43	11.01	323.3	11.83	21.87	67.48	67.15	0.328	76.7	79.8	26.486	0	0	
"2010-09-17	00:00:00"	11.88	348.6	19.58	23.07	7.637	345.8	20.85	17.7	68.06	67.77	0.296	72.73	75.54	26.487	0	0	
"2010-09-17	01:00:00"	21.84	54.72	15.4	35	15.74	54.36	17.62	26.65	64.68	64.57	0.11	79.69	81.8	26.524	0	0.01	
"2010-09-17	02:00:00"	20.68	74.31	9.53	32.61	14.88	72.93	12.66	26.65	62.46	62.4	0.057	88.8	91.1	26.519	0.01332	0.02	
"2010-09-17	03:00:00"	22.64	83	7.794	37.98	16.43	81.9	10.96	28.43	62.96	62.97	-0.009	89.2	91.3	26.521	0.57332	0.09	
"2010-09-17	04:00:00"	21.31	82.8	9.07	33.8	15.25	81.4	11.6	24.86	62.05	62.12	-0.071	88.3	90.3	26.522	0.68965	0.24	
"2010-09-17	05:00:00"	19.49	109.3	9.45	29.63	14.19	107.8	12.89	22.47	62.47	62.59	-0.121	88.4	90.2	26.514	0.68946	0.16	
"2010-09-17	06:00:00"	16.09	110.4	9.64	23.07	11.68	109.1	12.93	19.49	62.09	62.07	0.021	84.7	87.2	26.511	0.68965	0.17	
"2010-09-17	07:00:00"	10.3	121.7	45.37	21.87	7.256	122	47.4	18.3	62.14	61.77	0.366	84.8	88.5	26.48	0.6381	0.04	
"2010-09-17	08:00:00"	9.98	230	14.96	17.1	7.579	232.6	16.48	13.52	62.05	61.91	0.141	88.3	91.1	26.482	1.0855	0.01	
"2010-09-17	09:00:00"	10.8	237.3	19.41	17.1	7.915	239.6	21.51	13.52	61.98	61.83	0.14	88.2	91	26.491	7.5165	0	
"2010-09-17	10:00:00"	9.92	275.8	15.56	14.12	6.593	277.9	17.09	11.74	62.49	62.41	0.075	86.2	89.3	26.509	58.201	0	
"2010-09-17	11:00:00"	9.45	307.3	11.74	16.51	5.393	307.4	13.95	12.33	63.72	63.89	-0.169	86.1	88.6	26.537	128.08	0	
"2010-09-17	12:00:00"	7.588	339.1	32.19	12.93	5.236	337.2	32.45	9.35	65.65	66.38	-0.738	83.1	84.4	26.555	289.21	0	
"2010-09-17	13:00:00"	7.64	52.25	18	12.93	5.864	52.67	20.36	11.14	66.92	67.69	-0.774	79.39	80.3	26.566	227.27	0	
"2010-09-17	14:00:00"	6.826	64.72	26.56	11.74	4.835	65.66	29.74	10.54	69.28	71.06	-1.779	74.24	73.32	26.546	726.99	0	
"2010-09-17	15:00:00"	5.98	81.2	32.36	11.74	4.645	80.2	35.63	10.54	71.83	73.34	-1.512	69.7	69.22	26.522	750.07	0	
"2010-09-17	16:00:00"	4.498	46.21	47.18	15.31	2.121	38.03	57.03	12.93	74.68	75.77	-1.091	64.3	63.93	26.496	665.21	0	
"2010-09-17	17:00:00"	4.058	129.5	69.08	9.95	1.583	131.1	69.52	8.16	77.46	78.42	-0.956	58.6	58.37	26.471	652.58	0	
"2010-09-17	18:00:00"	5.732	136.6	32.1	11.74	3.242	135.3	36.81	9.35	78.93	79.71	-0.779	54.07	54.24	26.453	442.07	0	
"2010-09-17	19:00:00"	7.709	135.7	21.13	13.52	4.884	134.1	22.52	11.14	79.39	79.81	-0.426	52.22	53.28	26.444	235.52	0	
"2010-09-17	20:00:00"	6.668	122.7	7.523	11.14	2.764	118.1	12.74	9.35	78	76.96	1.039	57.26	62.31	26.448	50.719	0	
"2010-09-17	21:00:00"	6.82	118.9	5.742	8.16	1	105.4	10.12	1	74.7	72.36	2.334	64.99	73.94	26.461	0.20407	0	
"2010-09-17	22:00:00"	8.82	124.7	6.311	12.93	1	122.2	11.22	1	72.78	71.33	1.456	70.4	75.94	26.486	0	0	
"2010-09-17	23:00:00"	8.56	113.6	7.147	12.33	1	109.3	11.52	1	71.52	70.58	0.94	75.01	78.9	26.503	0	0	
"2010-09-18	00:00:00"	7.827	109.8	7.531	12.33	1	105.6	10.99	1	71.69	71.11	0.58	75.01	78.16	26.508	0	0	
"2010-09-18	01:00:00"	7.51	106.2	6.733	9.95	1	101.1	10.06	1	71.37	70.65	0.724	76	79.64	26.506	0	0	
"2010-09-18	02:00:00"	7.139	95.1	10.51	12.93	1	87.7	13.48	1	69.86	68.85	1.008	78.51	82.9	26.504	0	0	
"2010-09-18	03:00:00"	9.9	134.6	12.85	15.31	5.831	131.9	14.29	11.74	69.6	69.07	0.528	77.73	80.5	26.502	0	0	
"2010-09-18	04:00:00"	6.526	159.7	15.39	9.95	1.46	157.9	19.42	7.561	67.76	66.75	1.009	83.4	87.2	26.496	0	0	
"2010-09-18	05:00:00"	5.992	180.2	9.85	9.95	1.228	177.1	15.57	5.771	66.79	65.7	1.096	86.1	89.9	26.487	0	0	
"2010-09-18	06:00:00"	2.989	206.4	11.61	5.771	1	234.4	27.91	1	66.53	65.29	1.242	87.5	91	26.49	0	0	
"2010-09-18	07:00:00"	1.075	266.8	55.64	3.982	1	324.8	48.8	1	66.59	64.51	2.08	88.8	91.9	26.493	0	0	
"2010-09-18	08:00:00"	4.744	39.36	21.99	6.368	1	50.65	20.36	1	63.91	61.57	2.342	91.7	93.8	26.507	5.7263	0	
"2010-09-18	09:00:00"	6.414	82.6	8.53	9.35	2.872	80.1	11.55	6.964	63.02	63.14	-0.117	92.3	94.3	26.529	122.09	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-18	10:00:00"	7.864	125.9	16.7	12.93	5.649	125.4	18.21	10.54	66	66.37	-0.374	92	93.3	26.544	125.7	0	
"2010-09-18	11:00:00"	6.964	139.4	30.68	13.52	4.824	137.7	35.78	11.14	69.04	69.76	-0.72	84.9	85.1	26.553	336.97	0	
"2010-09-18	12:00:00"	5.346	142.7	28.56	11.14	2.92	137.4	33.79	15.31	73.74	74.64	-0.904	72.75	72.63	26.548	645.87	0	
"2010-09-18	13:00:00"	7.242	113.6	24	14.72	5.313	113.3	28.28	11.14	76.08	77.41	-1.33	66.78	66.02	26.536	781.87	0	
"2010-09-18	14:00:00"	9.24	121.5	19.94	18.89	7.104	120.1	23.77	20.09	78.5	80.1	-1.571	58.59	57.47	26.519	816.15	0	
"2010-09-18	15:00:00"	10.79	121.6	17.61	17.1	8.15	119.2	20.83	13.52	80.4	82.3	-1.836	52.18	50.65	26.5	870.93	0	
"2010-09-18	16:00:00"	10.17	117.6	17.44	15.91	7.697	115.9	20.13	14.12	81.4	82.9	-1.505	49.1	47.85	26.483	628.6	0	
"2010-09-18	17:00:00"	9.73	139.5	20.54	15.31	7.338	138.4	22.47	12.93	82	83	-1.01	48.32	47.58	26.476	499.94	0	
"2010-09-18	18:00:00"	12.14	141.1	12.22	18.3	9.22	140	13.81	15.31	82.3	83.4	-1.02	48.09	47.1	26.471	420.67	0	
"2010-09-18	19:00:00"	9.74	129.7	12.46	18.3	6.562	129.4	14.44	14.12	81.5	81.7	-0.13	49.81	50.25	26.472	148.26	0	
"2010-09-18	20:00:00"	9.23	120.7	8.63	14.72	5.312	118.7	13.16	12.33	80.2	79.74	0.49	52.59	54.28	26.479	58.076	0	
"2010-09-18	21:00:00"	7.1	94.1	14.73	8.75	1.139	81.3	18.14	4.578	76.41	74.03	2.377	60.17	68.08	26.494	0.18511	0	
"2010-09-18	22:00:00"	7.735	81.1	4.588	9.95	1.11	74.3	8.88	5.175	73.38	71.14	2.241	68.36	76.04	26.514	0	0	
"2010-09-18	23:00:00"	8.33	87.9	5.671	10.54	2.637	83.5	9.14	6.964	71.44	70.26	1.177	73.47	77.94	26.532	0	0	
"2010-09-19	00:00:00"	9.41	103.4	9.76	14.12	5.649	99	12.36	9.35	70.59	69.66	0.936	74.87	78.79	26.541	0	0	
"2010-09-19	01:00:00"	10.72	125.3	9.26	16.51	6.991	123.1	12.67	12.33	70.75	69.99	0.756	70.93	74.2	26.54	0	0	
"2010-09-19	02:00:00"	10.6	129.6	7.815	15.31	6.915	128.2	10.78	12.93	69.84	69.25	0.583	73.15	75.94	26.536	0	0	
"2010-09-19	03:00:00"	9.49	129	7.79	12.93	5.436	127.9	11.06	9.95	68.52	67.92	0.603	77.09	80.1	26.54	0	0	
"2010-09-19	04:00:00"	8.46	140.8	9.18	13.52	4.818	138.4	11.05	9.95	66.99	66.53	0.465	81.7	84.4	26.542	0	0	
"2010-09-19	05:00:00"	5.541	127.4	10.71	6.964	1	117.6	14.84	1	65.72	64.73	0.987	85.1	88.9	26.541	0	0	
"2010-09-19	06:00:00"	5.807	108.5	11.91	7.561	1	91.4	16.74	1.596	65.23	63.81	1.42	86.1	90.4	26.541	0	0	
"2010-09-19	07:00:00"	5.519	93.1	6.481	6.964	1.004	71.34	8.17	2.193	64.11	62.45	1.664	88.4	92.4	26.547	0	0	
"2010-09-19	08:00:00"	5.121	79.27	9.49	6.368	1	63.02	7.916	1	63.14	61.66	1.483	90.6	93.4	26.555	8.0002	0	
"2010-09-19	09:00:00"	4.031	91.8	10.86	6.368	1	82.8	17	1	63.91	63.83	0.082	91.1	93.3	26.569	145.8	0	
"2010-09-19	10:00:00"	6.811	125.2	24.56	12.93	4.235	123.5	27.56	12.33	67.82	68.48	-0.661	83.8	84.2	26.579	337.06	0	
"2010-09-19	11:00:00"	8.99	140.6	16.24	13.52	6.635	138.3	18.08	11.74	70.05	71.25	-1.197	74.36	73.78	26.583	534.05	0	
"2010-09-19	12:00:00"	8.07	137	23.27	16.51	5.664	135.4	26.3	14.72	72.64	74.06	-1.42	67.39	66.25	26.584	712.1	0	
"2010-09-19	13:00:00"	9.42	119.7	18.87	18.89	6.881	118.6	22.5	13.52	74.95	76.55	-1.603	60.09	58.64	26.574	795.8	0	
"2010-09-19	14:00:00"	10.55	121.7	23.14	25.45	8.14	121.1	25.82	18.3	77.49	79.37	-1.874	52.67	50.83	26.556	836.4	0	
"2010-09-19	15:00:00"	11.49	110	15.6	18.3	7.331	107.6	17.71	15.91	78.05	79.57	-1.516	50.9	49.54	26.538	543.49	0	
"2010-09-19	16:00:00"	12.8	120.1	17.1	20.68	8.66	119.6	19.66	16.51	78.78	80.4	-1.609	49.22	47.66	26.521	586.06	0	
"2010-09-19	17:00:00"	12.73	126.4	17	21.28	8.82	123.9	19.6	17.7	79.24	80.5	-1.217	48.09	46.98	26.507	467.73	0	
"2010-09-19	18:00:00"	12.76	130.2	17.74	21.28	9.45	129	18.92	17.1	79.96	81.2	-1.251	48.61	47.22	26.496	455.56	0	
"2010-09-19	19:00:00"	13.54	113	14.41	23.66	9.73	111.4	16.91	18.89	78.16	78.57	-0.407	55.06	54.77	26.497	127.29	0	
"2010-09-19	20:00:00"	13.24	118.1	8.58	20.68	9.29	116.8	12.66	17.1	76.46	76.41	0.047	58.89	59.46	26.501	22.341	0	
"2010-09-19	21:00:00"	10.46	125.7	8.26	18.3	6.8	124.8	11.6	14.12	73.97	73.52	0.46	64.09	65.82	26.503	0.11196	0	
"2010-09-19	22:00:00"	8.18	127.7	7.198	11.14	1.477	125.6	11	6.368	71.74	71.08	0.661	70.35	73.06	26.516	0	0	
"2010-09-19	23:00:00"	9.32	131.3	8.5	16.51	4.472	130.2	11.38	12.33	72.48	72.1	0.375	69.37	71.28	26.527	0	0	
"2010-09-20	00:00:00"	8.11	137.3	7.687	12.33	2.405	135.4	10.12	8.75	71.98	71.55	0.433	70.05	72.2	26.528	0	0	
"2010-09-20	01:00:00"	9.74	151.8	7.859	14.72	5.413	148.6	9.36	11.74	71.03	70.49	0.537	70.24	72.7	26.52	0	0	
"2010-09-20	02:00:00"	7.82	152.9	6.831	12.33	2.476	149	9.04	9.95	68.65	67.99	0.652	74.76	77.82	26.51	0	0	
"2010-09-20	03:00:00"	5.919	159.2	6.87	8.16	1	153.9	8.7	1	66.83	65.66	1.163	79	83.8	26.499	0	0	
"2010-09-20	04:00:00"	5.235	170.4	9.06	8.16	1	161.9	11.9	1	65.78	65.16	0.621	83.5	87	26.49	0	0	
"2010-09-20	05:00:00"	5.96	166.7	10.75	12.33	1.272	163.9	12.52	8.75	66.42	66.53	-0.111	88.1	89.4	26.48	0	0	
"2010-09-20	06:00:00"	4.516	123.2	22.46	9.35	1	119.3	24.42	1	66.02	66.07	-0.047	88.5	89.9	26.472	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-20	07:00:00"	4.219	91.3	5.964	5.771	1	77.96	8.7	1	64.27	63.36	0.908	90.4	92.6	26.469	0
"2010-09-20	08:00:00"	4.84	122.9	13.06	9.95	1	119.3	17.2	1	64.05	64	0.056	91.2	93.2	26.474	2.2141
"2010-09-20	09:00:00"	8.4	143.7	14.68	11.74	3.377	141.8	15.64	9.95	65	65.16	-0.16	87.1	88.8	26.481	28.041
"2010-09-20	10:00:00"	8.41	143.1	10.71	12.93	5.863	140.3	12.79	10.54	64.89	65.28	-0.391	86.4	87.4	26.487	68.678
"2010-09-20	11:00:00"	7.403	175	13.72	11.74	4.741	171.8	16.42	9.95	67.37	68.07	-0.694	80	80.3	26.487	213.15
"2010-09-20	12:00:00"	7.845	171.4	20.54	14.72	5.262	169.7	23.63	11.74	70.42	71.5	-1.078	72	71.32	26.477	428.47
"2010-09-20	13:00:00"	9.99	163.5	14.27	17.1	7.546	161.3	16.92	13.52	72.12	73.32	-1.198	67.71	66.72	26.468	413.87
"2010-09-20	14:00:00"	10.49	154.4	16.73	15.91	7.613	152.4	18.39	13.52	72.65	73.68	-1.03	67.09	66.31	26.452	314.32
"2010-09-20	15:00:00"	11.17	164.1	12.38	16.51	8.48	161	14.54	12.93	72.88	73.72	-0.835	67.4	66.89	26.434	238.93
"2010-09-20	16:00:00"	11.44	165.8	11.62	16.51	8.55	162.6	14.66	14.72	73.13	73.85	-0.722	67.39	67.06	26.413	203.3
"2010-09-20	17:00:00"	10.81	171.2	13.12	19.49	8.11	168.5	16.11	14.12	74.18	74.97	-0.796	64.87	64.37	26.39	259.28
"2010-09-20	18:00:00"	12.79	165.7	11.26	18.89	9.57	162.6	14.45	15.91	74.04	74.77	-0.734	67.53	66.99	26.371	195.08
"2010-09-20	19:00:00"	13.74	149.7	9.02	21.28	9.94	146.7	10.92	17.7	73.58	74.27	-0.683	70.5	69.95	26.359	199.37
"2010-09-20	20:00:00"	13.74	153.8	8.55	23.07	10.11	150.4	10.08	17.1	72.39	72.39	-0.001	72.57	73.4	26.354	24.825
"2010-09-20	21:00:00"	11.4	153.9	7.865	22.47	8.2	151.3	9.59	17.1	70.5	70.32	0.182	77.86	79.26	26.359	0.07442
"2010-09-20	22:00:00"	14.85	158.8	9.5	23.66	11.08	155.7	11.49	20.09	71	71.03	-0.034	76.64	77.5	26.379	0
"2010-09-20	23:00:00"	13.26	164.5	8.5	20.09	9.75	161.5	10.88	15.91	70.44	70.45	-0.008	79.04	79.98	26.392	0
"2010-09-21	00:00:00"	15.12	172.8	9.83	25.45	11.24	169.5	13.13	21.28	69.48	69.6	-0.115	81.2	82	26.398	0
"2010-09-21	01:00:00"	15.92	173	9.35	24.86	11.64	169.8	12.82	19.49	68.29	68.42	-0.131	83	83.8	26.398	0
"2010-09-21	02:00:00"	11.48	174.8	8.36	21.28	10.02	171.5	12.26	17.7	68.21	68.31	-0.092	83	84	26.392	0
"2010-09-21	03:00:00"	14.02	173.1	8.75	21.28	10.23	170.5	11.89	18.89	67.95	68.07	-0.115	83.7	84.6	26.385	0
"2010-09-21	04:00:00"	12.75	178.7	8.93	20.09	9.15	176.5	12.69	15.91	67.77	67.85	-0.089	83.7	84.7	26.375	0
"2010-09-21	05:00:00"	12.29	184.6	8.74	20.09	8.67	182.4	12.96	15.91	67.84	67.92	-0.077	83.8	84.8	26.355	0
"2010-09-21	06:00:00"	11.45	180.2	8.3	17.1	8.07	177.9	12.52	13.52	67.84	67.91	-0.073	84.5	85.6	26.352	0
"2010-09-21	07:00:00"	10.08	181.6	8.65	15.31	7.047	178.9	12.91	12.93	67.87	67.93	-0.062	85.1	86.2	26.358	0
"2010-09-21	08:00:00"	9.7	176.5	9.72	15.91	6.885	173.8	13.16	12.33	67.5	67.58	-0.084	86.5	87.6	26.359	2.3365
"2010-09-21	09:00:00"	11.02	174.9	9.15	15.91	7.79	172.4	12.63	12.93	67.43	67.67	-0.243	87.4	88.2	26.371	36.611
"2010-09-21	10:00:00"	11.7	181.1	9.17	16.51	8.45	178.5	13.85	14.12	68.74	69.22	-0.478	84.4	84.5	26.372	130.23
"2010-09-21	11:00:00"	10.15	185.6	13.12	15.91	7.47	182.7	18.53	12.93	71.38	72.47	-1.085	77.89	76.86	26.378	380.21
"2010-09-21	12:00:00"	9.54	171.4	19.07	15.91	7.334	168.9	22.01	12.33	74.69	76.33	-1.639	70.92	68.62	26.376	741.12
"2010-09-21	13:00:00"	8.3	167.8	22.2	19.49	6.105	167.4	26.35	17.1	77.33	78.92	-1.596	65.09	62.68	26.365	788.42
"2010-09-21	14:00:00"	8.57	167.2	25.2	16.51	6.439	164.6	29.05	14.72	79.94	81.7	-1.752	59.22	56.55	26.344	845.03
"2010-09-21	15:00:00"	9.58	166	22.64	17.7	6.442	162.8	25.11	14.72	81.5	83.1	-1.622	55.68	53.16	26.326	600.32
"2010-09-21	16:00:00"	10.95	158.4	18.4	20.68	8.12	156	19.79	17.7	82	83.1	-1.158	54.36	52.48	26.306	374.83
"2010-09-21	17:00:00"	12.02	148.4	14.62	17.7	8.98	145.5	16.25	15.31	82.2	83.1	-0.866	52.55	51.24	26.291	277.6
"2010-09-21	18:00:00"	13.12	156.7	11.76	19.49	10.02	153.7	13.74	17.1	82.5	83.2	-0.661	51.5	50.33	26.278	253.7
"2010-09-21	19:00:00"	14.37	142.4	10.65	20.09	10.5	140.5	11.96	16.51	81.6	81.9	-0.326	53.83	53.2	26.272	168.85
"2010-09-21	20:00:00"	12.98	142	8.49	18.89	9.23	140.5	10.37	15.91	79.48	79.34	0.142	57.87	58.14	26.283	39.007
"2010-09-21	21:00:00"	12.53	147.4	7.857	18.3	8.99	145.2	9.67	14.72	76.27	75.96	0.301	65.63	66.53	26.297	0.03677
"2010-09-21	22:00:00"	12.46	148.9	8.37	19.49	8.86	146	9.74	14.72	73.76	73.51	0.25	71.62	72.73	26.319	0
"2010-09-21	23:00:00"	12.12	153.8	8.58	17.7	8.56	150.7	10.56	13.52	72.06	71.84	0.215	76.18	77.4	26.34	0
"2010-09-22	00:00:00"	12.89	163.8	7.907	18.89	8.31	160.2	9.98	14.72	71.04	70.89	0.153	78.99	80.2	26.344	0
"2010-09-22	01:00:00"	11.16	166.6	8.88	18.89	7.989	163.7	11.51	15.31	69.75	69.59	0.161	82.7	84	26.349	0
"2010-09-22	02:00:00"	15.1	170.6	8.34	24.86	11.13	167.4	11.78	20.68	69.73	69.74	-0.002	82.9	83.9	26.35	0
"2010-09-22	03:00:00"	13.19	165.3	8.57	20.68	9.78	161.8	11.28	15.91	69.75	69.78	-0.026	82.3	83.2	26.35	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-22	04:00:00"	13.74	161.9	9.19	21.28	10.34	158.7	11.29	15.91	69.45	69.55	-0.108	84	84.7	26.343	0
"2010-09-22	05:00:00"	13.58	156.6	8.9	20.09	10.08	154.2	10.89	16.51	69.44	69.54	-0.104	83.7	84.5	26.335	0
"2010-09-22	06:00:00"	13.87	156.8	8.79	23.07	10.26	153.3	10.51	18.3	69.09	69.21	-0.115	83.3	84	26.331	0
"2010-09-22	07:00:00"	11.6	150.6	8.61	17.7	8.44	147.7	10.14	13.52	68.62	68.73	-0.11	84.2	85.1	26.335	0
"2010-09-22	08:00:00"	11.57	148.1	8.82	17.7	8.41	145.5	10.66	15.91	68.7	68.79	-0.089	83.9	84.8	26.341	1.4746
"2010-09-22	09:00:00"	11.9	152.5	8.83	17.7	8.81	149.6	10.18	15.31	68.87	69.03	-0.158	83.4	84.1	26.354	19.616
"2010-09-22	10:00:00"	12	153.5	10.15	18.3	8.88	150.9	11.37	14.12	68.95	69.13	-0.187	84	84.9	26.366	34.959
"2010-09-22	11:00:00"	11.27	155.5	8.9	17.1	8.46	152.8	10.62	14.72	67.86	68.04	-0.183	89.6	91.2	26.383	82.476
"2010-09-22	12:00:00"	12	162	9.15	18.89	9.2	158.5	11.39	14.72	67.96	68.22	-0.261	90.6	92	26.392	119.03
"2010-09-22	13:00:00"	13.11	162.8	8.48	20.09	10.01	159.9	10.7	16.51	68.77	68.98	-0.204	89	90.8	26.388	172.93
"2010-09-22	14:00:00"	14.07	158	9.54	21.28	10.65	154.8	10.84	18.3	71.56	71.66	-0.1	80.6	82.6	26.363	204.29
"2010-09-22	15:00:00"	14.91	151.5	12.04	20.09	11.18	148.4	12.98	16.51	73.66	73.9	-0.236	74.78	76.06	26.335	232.33
"2010-09-22	16:00:00"	15.95	159.1	11.77	24.86	12.03	156.1	13.24	20.09	76.18	76.4	-0.214	67.61	68.34	26.31	225.74
"2010-09-22	17:00:00"	19.49	150.1	9.88	28.43	14.62	147.3	11.7	24.86	77.76	77.95	-0.185	62.33	62.73	26.286	216.38
"2010-09-22	18:00:00"	20.53	149.7	9.23	29.03	15.31	146.9	10.93	24.26	77.78	77.89	-0.107	60.91	61.26	26.276	147.84
"2010-09-22	19:00:00"	17.8	148.7	8.54	26.65	13.18	146.3	10.17	21.28	76.55	76.39	0.158	62.93	63.76	26.274	57.153
"2010-09-22	20:00:00"	14.42	153.1	8.74	23.07	10.61	150.4	10.38	18.89	75.12	74.84	0.284	65.92	67.13	26.281	8.4356
"2010-09-22	21:00:00"	13.87	157.4	8.04	24.86	10.26	154.1	10.08	17.7	73.56	73.09	0.471	69.61	71.92	26.292	0
"2010-09-22	22:00:00"	12.9	150.9	8.36	19.49	9.43	148.4	10	15.91	72.35	71.84	0.51	70.98	73.3	26.305	0
"2010-09-22	23:00:00"	14.37	159.3	8.41	24.26	10.76	156.2	10.06	20.68	72.46	72.15	0.31	71.61	73.27	26.324	0
"2010-09-23	00:00:00"	17.65	164.9	8.74	28.43	13.28	161.3	11.44	21.87	72.12	71.94	0.175	74.75	76.12	26.333	0
"2010-09-23	01:00:00"	15.48	166.5	8.71	27.84	11.38	163.8	11.61	22.47	70.45	70.11	0.337	79.88	82.1	26.33	0
"2010-09-23	02:00:00"	18.46	170.4	8.52	31.42	13.73	167.2	11.77	23.66	70.15	70.02	0.134	80.7	82.2	26.324	0
"2010-09-23	03:00:00"	17.52	174.7	8.74	27.24	12.86	171.9	12.41	22.47	70.22	70.14	0.078	81.2	82.5	26.314	0
"2010-09-23	04:00:00"	17.64	171.8	8.51	27.24	13.04	169	12.06	22.47	70.33	70.27	0.064	81.6	82.8	26.303	0
"2010-09-23	05:00:00"	16.45	173	8.82	25.45	12.18	170.4	12.32	21.28	69.63	69.61	0.022	83.2	84.4	26.301	0
"2010-09-23	06:00:00"	16.44	169.5	8.76	24.26	12.35	166.7	11.64	20.68	69.35	69.31	0.044	83.8	85	26.302	0
"2010-09-23	07:00:00"	15.64	175.7	8.31	26.05	11.51	172.9	12.57	20.09	69.46	69.41	0.057	83.8	85	26.315	0
"2010-09-23	08:00:00"	14.77	176.5	9.06	23.07	10.88	174.3	12.78	17.7	69.37	69.34	0.028	84.2	85.4	26.325	1.4078
"2010-09-23	09:00:00"	14.44	184.3	9.12	21.28	10.41	182.6	13.5	17.1	69.46	69.56	-0.096	84.3	85.2	26.345	44.946
"2010-09-23	10:00:00"	15.53	185.8	9.5	24.26	11.15	183.5	13.98	19.49	70.55	70.78	-0.228	82	82.6	26.361	95.831
"2010-09-23	11:00:00"	15.34	189.6	10.04	24.86	11.03	188.4	14.32	19.49	71.93	72.33	-0.4	78.88	79.11	26.376	167.63
"2010-09-23	12:00:00"	14.67	191.8	10.92	21.28	10.84	189.9	15.2	18.3	74.23	74.85	-0.618	73.99	73.67	26.383	296.7
"2010-09-23	13:00:00"	15.32	189.9	12.44	24.26	11.23	188.7	17.86	18.89	76.51	77.85	-1.339	68.77	67.07	26.376	508.67
"2010-09-23	14:00:00"	12.11	214.9	15.83	19.49	9.28	216.4	19.54	16.51	79.72	81	-1.291	61.53	59.79	26.377	508.92
"2010-09-23	15:00:00"	10.13	218.1	21.75	18.89	7.82	218.5	25.18	16.51	82	83.2	-1.196	56.24	54.51	26.361	453.01
"2010-09-23	16:00:00"	10.27	222.5	27.08	19.49	7.739	223.5	30.64	15.31	83.3	84.7	-1.453	53.7	51.54	26.343	510.44
"2010-09-23	17:00:00"	6.843	300.2	30.57	14.12	4.25	300.6	32.35	10.54	82.8	83.7	-0.944	56.03	55.14	26.332	378.51
"2010-09-23	18:00:00"	6.354	324.1	49.78	12.93	3.918	323.7	49.68	11.14	84.1	85.4	-1.317	52.38	50.25	26.328	409.92
"2010-09-23	19:00:00"	9.01	54.58	32.79	14.72	6.173	54.46	31.51	12.33	80.3	81	-0.704	65.25	63.92	26.342	171.22
"2010-09-23	20:00:00"	6.058	76.01	29.63	15.31	2.666	75.01	30.93	12.33	75	75.15	-0.149	0.306	79.57	26.377	4.6401
"2010-09-23	21:00:00"	11.68	125.8	15.47	20.68	8.4	123.9	17.89	16.51	71.56	71.85	-0.288	0.305	85.3	26.408	0.00824
"2010-09-23	22:00:00"	7.054	103	40.8	14.12	4.048	100.7	42.57	11.14	68.59	68.73	-0.134	0.3	92.2	26.453	0.16374
"2010-09-23	23:00:00"	13.45	141.7	35.56	20.68	8.63	141.7	34.26	15.91	68.57	68.53	0.038	0.307	92	26.47	0.37047
"2010-09-24	00:00:00"	14.38	179	8.61	21.87	10.29	176.5	12.6	16.51	68.74	68.74	0.006	0.306	91.4	26.461	0.05097

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2010-09-24	01:00:00"	7.912	199.9	20.48	15.31	5.314	203.1	24.49	11.74	68.77	68.38	0.397	0.308	91	26.462	0	0
"2010-09-24	02:00:00"	4.14	177	27.52	6.964	1.079	165.8	38.55	3.386	69	67.95	1.046	0.308	89.5	26.466	0	0
"2010-09-24	03:00:00"	5.61	161.7	12.23	8.75	1.001	160	16.22	1.596	68.46	67.77	0.692	0.309	90.6	26.473	0	0
"2010-09-24	04:00:00"	6.143	158.3	13.78	9.35	3.114	154	16.2	6.368	68.54	67.86	0.677	0.306	90.4	26.479	0	0
"2010-09-24	05:00:00"	4.033	132.1	24.69	8.16	2.267	118.6	37.61	5.771	68.4	68.06	0.336	0.306	91.2	26.478	0	0
"2010-09-24	06:00:00"	2.055	130.6	34.67	4.578	1.003	113.5	34.59	1.596	68.79	68.49	0.301	0.305	91.2	26.486	0	0
"2010-09-24	07:00:00"	2.984	51.71	13.01	5.175	1.002	51.43	14.97	2.193	67.14	67	0.134	0.303	92.9	26.502	0	0
"2010-09-24	08:00:00"	4.964	23.51	9.32	7.561	2.962	22.81	14.03	6.368	66.3	66.29	0.007	0.306	93.8	26.522	1.2702	0
"2010-09-24	09:00:00"	5.214	57.62	15.83	7.561	3.866	57.46	16.79	6.368	67.24	67.44	-0.194	0.306	93.9	26.544	32.976	0
"2010-09-24	10:00:00"	6.533	96.8	11.44	9.35	5.054	94.9	13.43	7.561	68.55	68.78	-0.231	0.305	93.2	26.562	79.678	0
"2010-09-24	11:00:00"	7.076	114.4	9.93	11.14	5.378	113.3	13.55	8.75	70.27	70.52	-0.247	0.305	89.4	26.58	103.34	0
"2010-09-24	12:00:00"	7.626	107.5	13.47	10.54	5.83	106.1	16.17	9.35	71.2	71.58	-0.379	0.307	87	26.596	141.83	0
"2010-09-24	13:00:00"	7.117	134.4	14.41	10.54	5.528	133.8	16.54	9.35	72.23	72.82	-0.589	0.306	83.2	26.594	258.63	0
"2010-09-24	14:00:00"	5.932	123.1	20.12	11.14	4.17	122.7	23.42	8.16	74.02	74.74	-0.725	0.306	76.93	26.583	310.07	0
"2010-09-24	15:00:00"	6.263	86	28.07	14.72	4.365	84.9	31.19	13.52	75.49	76.32	-0.829	0.308	73.94	26.563	423.98	0
"2010-09-24	16:00:00"	8.48	117.7	21.06	14.12	6.287	116.3	24.19	11.14	77.62	78.43	-0.809	0.307	67.23	26.54	367.56	0
"2010-09-24	17:00:00"	9.49	134.6	14.39	14.72	6.935	132.3	16.54	12.33	77.88	78.71	-0.831	0.308	66.39	26.522	434.59	0
"2010-09-24	18:00:00"	7.282	116.5	19.38	12.93	2.946	113.6	21.46	9.95	78.33	78.84	-0.511	0.309	65.5	26.514	246.15	0
"2010-09-24	19:00:00"	7.611	142.1	22.58	11.14	4.999	141.1	23.86	9.95	78.86	78.93	-0.067	0.309	65.34	26.509	162.51	0
"2010-09-24	20:00:00"	5.672	121.9	24.18	9.35	1.442	114.1	26.82	6.368	77.46	76.57	0.885	0.306	72.23	26.52	17.59	0
"2010-09-24	21:00:00"	7.658	111.4	7.62	15.91	2.141	105.6	10.5	12.93	75.49	74.42	1.071	0.304	77.77	26.531	0.00354	0
"2010-09-24	22:00:00"	12.19	102.6	8.34	20.09	8.77	100.6	11.05	17.1	70.38	70.31	0.065	0.306	87.3	26.563	0	0
"2010-09-24	23:00:00"	13.75	105.2	8.46	21.87	9.9	103.1	11.57	16.51	69.1	69.07	0.028	0.305	89.5	26.579	0	0
"2010-09-25	00:00:00"	12.29	106	8.47	18.89	8.79	103.8	11.52	15.31	68.75	68.77	-0.023	0.307	89.9	26.587	0	0
"2010-09-25	01:00:00"	10.13	124.8	8.44	16.51	6.886	124.1	12.43	11.74	68.43	68.42	0.009	0.306	90.6	26.585	0	0
"2010-09-25	02:00:00"	10.11	128.2	8.64	15.91	6.656	127	11.91	12.93	67.86	67.8	0.065	0.307	91.7	26.584	0	0
"2010-09-25	03:00:00"	6.408	154.6	30.38	13.52	3.701	156.2	37.9	10.54	67.63	67.52	0.107	0.307	92.1	26.588	0	0
"2010-09-25	04:00:00"	2.866	136.4	39.08	4.578	1	121.1	52.92	1	67.03	66.43	0.598	0.305	92.9	26.585	0	0
"2010-09-25	05:00:00"	2.367	107.6	72.91	3.982	1	15.42	79.93	1	66.69	66.27	0.421	0.303	93.6	26.571	0	0
"2010-09-25	06:00:00"	2.901	68.21	35.12	6.368	1	55.64	31.98	1	66.67	65.92	0.752	0.307	93.6	26.562	0	0
"2010-09-25	07:00:00"	4.343	75.03	20.88	6.368	1	63.82	21.86	1	65.56	65.14	0.421	0.305	94.2	26.563	0	0
"2010-09-25	08:00:00"	5.125	55.24	19.05	8.16	2.479	54.12	20.11	6.368	65.93	65.92	0.006	0.307	94.4	26.569	2.1985	0
"2010-09-25	09:00:00"	5.858	49.46	11.12	8.16	4.512	47.98	13.29	6.368	66.01	66.21	-0.203	0.307	94.5	26.579	47	0
"2010-09-25	10:00:00"	6.254	56.83	25.53	9.35	4.848	57.28	26.71	8.75	67.27	67.82	-0.553	0.306	93.6	26.585	229.58	0
"2010-09-25	11:00:00"	7.136	88.6	13.81	12.93	5.412	87.9	16.91	11.14	70.93	72	-1.064	0.307	81.6	26.596	391.34	0
"2010-09-25	12:00:00"	5.808	136	50.84	12.93	3.802	132	57.4	9.95	73.07	74.21	-1.14	0.31	73.52	26.589	698.59	0
"2010-09-25	13:00:00"	4.298	289.1	60.73	9.35	1.83	291.6	62.65	8.16	76.17	77.51	-1.336	0.312	64.2	26.575	813.43	0
"2010-09-25	14:00:00"	4.766	312	85.9	15.31	1.816	326.1	86.5	10.54	75.61	76.11	-0.494	0.306	69.74	26.559	420.93	0.05
"2010-09-25	15:00:00"	4.619	149.6	36.99	9.35	1.717	150.3	42.32	7.561	75.34	75.68	-0.343	0.305	70.04	26.539	406.65	0.04
"2010-09-25	16:00:00"	4.086	215.5	67.78	12.93	1.486	222.9	64.9	8.75	71.56	71.66	-0.101	0.304	82.3	26.532	146.25	0.14
"2010-09-25	17:00:00"	10.37	91.2	24.78	21.28	6.583	89.3	26.3	17.1	72.4	72.49	-0.091	0.307	81.5	26.52	184.36	0
"2010-09-25	18:00:00"	10.09	105.3	11.4	18.3	6.477	104.2	13.72	13.52	70.82	70.55	0.272	0.307	83.9	26.513	33.307	0.01
"2010-09-25	19:00:00"	6.685	106.6	13.51	9.35	1.667	104.7	17.34	7.561	70.15	69.98	0.173	0.31	84.3	26.508	74.34	0
"2010-09-25	20:00:00"	3.977	100.7	23.76	8.16	1	93.3	33.72	1	70.3	69.84	0.455	0.31	84.7	26.51	28.585	0
"2010-09-25	21:00:00"	5.192	72.75	6.251	6.964	1	58.77	8.19	1	69.05	67.39	1.659	0.308	89.3	26.525	0.00891	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-25	22:00:00"	5.023	67.4	12.74	7.561	1	56.86	18.34	1	67.22	65.94	1.282	0.305	91.5	26.547	0
"2010-09-25	23:00:00"	4.531	63.19	11.28	6.368	1	52.31	16.15	1	65.9	64.98	0.923	0.305	92.5	26.56	0
"2010-09-26	00:00:00"	3.411	62.31	17.35	6.368	1	50.64	38.45	1	65.17	64.21	0.955	0.305	92.9	26.567	0
"2010-09-26	01:00:00"	1.946	353.8	34.06	3.386	1	327.3	14.13	1	65.02	62.88	2.149	0.305	93.4	26.558	0
"2010-09-26	02:00:00"	3.953	299	14.17	6.368	1	307.6	20.2	1	64.77	62.28	2.488	0.303	93.9	26.546	0
"2010-09-26	03:00:00"	4.01	338.8	29.71	6.964	1	356.8	46.88	1	63.58	62.22	1.36	0.305	93.8	26.545	0
"2010-09-26	04:00:00"	5.921	8.34	8.93	8.75	1.117	8.98	14.68	5.771	62.99	62.21	0.786	0.307	93.9	26.542	0
"2010-09-26	05:00:00"	8.19	12.93	6.862	12.93	5.393	10.65	13.34	9.95	63.1	62.7	0.399	0.306	93.2	26.538	0
"2010-09-26	06:00:00"	8.82	9.5	8.16	12.93	3.786	6.195	14.84	9.35	63.29	62.8	0.488	0.304	92.1	26.537	0
"2010-09-26	07:00:00"	11.3	13.05	7.954	18.89	8	10.48	15.48	16.51	63.32	63.04	0.278	0.304	92.8	26.547	0
"2010-09-26	08:00:00"	15.08	41.26	11.93	26.05	11.01	41.65	14.99	21.28	62.24	62.1	0.146	0.303	92	26.575	0
"2010-09-26	09:00:00"	15.37	61.81	10.37	24.26	11.17	61.65	13.46	19.49	61.47	61.5	-0.025	0.304	92.8	26.595	0
"2010-09-26	10:00:00"	14.79	61.27	8.6	23.66	10.78	60.84	11.93	18.3	61.69	61.74	-0.051	0.303	91.9	26.614	0
"2010-09-26	11:00:00"	13.55	73.4	10.67	18.89	9.97	72.35	13.71	16.51	65.25	66.29	-1.043	0.306	76.99	26.616	0
"2010-09-26	12:00:00"	10.93	69.08	16.94	18.3	8.21	69.36	18.77	15.31	68.16	69.79	-1.632	0.306	67.46	26.615	0
"2010-09-26	13:00:00"	10.19	60.18	16.88	18.3	7.577	61.19	19.76	15.91	70.22	72.21	-1.985	0.306	60.39	26.607	0
"2010-09-26	14:00:00"	10.81	56.52	20.86	29.03	8.21	57.03	23.5	25.45	71.34	73.37	-2.03	0.307	53.25	26.59	0
"2010-09-26	15:00:00"	10.57	74.64	17.63	17.7	6.057	73.58	20.69	13.52	72.73	74.75	-2.016	0.308	46.29	26.568	0
"2010-09-26	16:00:00"	9.46	74.21	20.12	17.7	2.72	74.01	21.93	11.74	73.54	75.31	-1.769	0.308	41.6	26.545	0
"2010-09-26	17:00:00"	8.44	64.38	23	17.1	2.576	64.41	25.87	11.74	73.71	75.17	-1.456	0.308	38.96	26.53	0
"2010-09-26	18:00:00"	6.66	53.02	23.02	13.52	4.184	52.63	26.78	11.74	74.34	75.43	-1.096	0.308	38.07	26.516	0
"2010-09-26	19:00:00"	7.104	67.05	15.43	14.12	4.288	66.03	18.73	10.54	73.95	74.31	-0.362	0.306	39.29	26.506	0
"2010-09-26	20:00:00"	6.513	79.01	8.83	9.35	1.505	78.74	11.19	8.75	70.45	68.86	1.589	0.305	51.54	26.503	0
"2010-09-26	21:00:00"	7.751	96.6	4.91	9.35	1.207	90.5	7.372	5.175	65.57	62.87	2.698	0.306	67.51	26.509	0
"2010-09-26	22:00:00"	8.51	105.8	4.635	9.95	2.196	95.6	8.48	5.771	63.6	61.33	2.274	0.308	68.91	26.522	0
"2010-09-26	23:00:00"	8.17	104.7	5.457	9.95	4.099	97.3	9.44	6.368	61.35	59.51	1.835	0.31	71.75	26.528	0
"2010-09-27	00:00:00"	7.272	106.5	5.046	8.75	1.174	91.2	8.41	4.578	59.79	57.33	2.461	0.31	76.87	26.529	0
"2010-09-27	01:00:00"	7.595	110.5	5.946	9.35	1.005	98.3	10.45	2.193	59.05	56.72	2.326	0.309	75.98	26.521	0
"2010-09-27	02:00:00"	7.384	105.2	5.211	8.75	1	89.1	9.63	1	57.77	55.51	2.259	0.307	77.44	26.513	0
"2010-09-27	03:00:00"	5.475	114.3	16.13	8.16	1	98.4	41.71	1	57.09	55.05	2.045	0.306	77.25	26.512	0
"2010-09-27	04:00:00"	1.754	167.5	25.21	3.982	1	211.1	59.49	1	57.3	55.91	1.386	0.307	71.77	26.512	0
"2010-09-27	05:00:00"	3.544	226.7	10.38	5.175	1	249.3	8.97	1	57.31	54.99	2.312	0.308	75.61	26.507	0
"2010-09-27	06:00:00"	2.83	218.7	14.62	4.578	1	265.9	23.16	1	57.5	55.03	2.474	0.306	72.78	26.507	0
"2010-09-27	07:00:00"	2.684	187.8	11.32	5.175	1	180.2	45.75	1	57.23	54.73	2.506	0.305	70.88	26.514	0
"2010-09-27	08:00:00"	4.223	191	7.184	5.175	1	178.5	15.19	1	56.13	53.31	2.821	0.302	72.88	26.526	0
"2010-09-27	09:00:00"	5.108	220.3	7.136	6.964	1	223.4	10.62	1	56.21	55.08	1.124	0.306	72.64	26.536	0
"2010-09-27	10:00:00"	6.135	222.8	11.92	9.95	3.797	223.3	16.1	8.75	58.66	59.21	-0.549	0.313	63.64	26.54	0
"2010-09-27	11:00:00"	8.1	217.8	12.42	11.74	6.461	219.5	17.27	9.95	62.53	63.79	-1.253	0.313	52.13	26.55	0
"2010-09-27	12:00:00"	7.819	216.6	17	12.93	6.234	217.4	20.28	11.74	66.73	68.16	-1.434	0.313	44.74	26.547	0
"2010-09-27	13:00:00"	8.44	224.4	17.19	14.12	6.939	225.8	20.81	12.33	70.16	71.73	-1.569	0.308	40.36	26.533	0
"2010-09-27	14:00:00"	7.528	225	20.73	14.72	5.138	227.7	25.72	12.33	73.3	74.89	-1.591	0.308	38.31	26.513	0
"2010-09-27	15:00:00"	6.129	221.4	35.01	12.93	2.989	224	43.22	11.74	75.82	77.27	-1.449	0.31	36.7	26.489	0
"2010-09-27	16:00:00"	3.954	212.2	56.22	9.35	1.118	208.2	59.53	7.561	77.86	79.01	-1.152	0.311	34.61	26.468	0
"2010-09-27	17:00:00"	3.996	203.2	44.32	9.35	1.245	203.8	50.32	7.561	78.93	79.86	-0.931	0.311	32.96	26.457	0
"2010-09-27	18:00:00"	4.339	199.2	34.2	12.33	1.369	194.6	42.03	11.14	79.67	80.3	-0.662	0.311	32.35	26.446	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-09-27	19:00:00"	6.096	199.8	12.13	9.95	1	198.9	16.18	1	78.7	78.42	0.278	0.308	36.08	26.444	153.59	0
"2010-09-27	20:00:00"	7.312	187	4.987	9.35	1	189.1	10.19	1	73.92	71.17	2.747	0.304	49.4	26.456	9.3162	0
"2010-09-27	21:00:00"	7.829	193.6	4.504	10.54	1	196.9	9.09	1	69.83	66.79	3.035	0.305	57.76	26.464	0	0
"2010-09-27	22:00:00"	6.603	215.2	8.83	9.35	1	224.5	10.14	1	68.72	65.69	3.037	0.307	58.74	26.473	0	0
"2010-09-27	23:00:00"	7.067	228.1	6.417	9.95	1	235.2	8.66	1	67.22	64.35	2.872	0.307	62.7	26.479	0	0
"2010-09-28	00:00:00"	6.474	238.7	5.861	8.16	1	241.4	8.82	1	65.9	62.52	3.382	0.306	63.9	26.48	0	0
"2010-09-28	01:00:00"	5.097	250.3	7.144	9.35	1	255.2	10.81	1.596	65.21	61.86	3.351	0.306	62.89	26.477	0	0
"2010-09-28	02:00:00"	7.743	261.4	5.715	11.74	1.446	261.9	9.26	8.16	64.32	61.45	2.879	0.308	62.95	26.472	0	0
"2010-09-28	03:00:00"	9.42	280	9.08	13.52	3.833	283.1	10.85	10.54	62.51	60.93	1.577	0.31	63.34	26.465	0	0
"2010-09-28	04:00:00"	8.85	288.5	6.486	11.14	3.285	287.8	9.62	6.368	59.74	57.88	1.852	0.308	71.1	26.458	0	0
"2010-09-28	05:00:00"	8.89	311	4.718	11.14	2.501	314.3	9.29	6.368	59.54	56.37	3.166	0.308	75.52	26.455	0	0
"2010-09-28	06:00:00"	9.37	314.5	5.341	11.74	4.401	314.5	9.39	7.561	60.73	58.7	2.026	0.311	70.43	26.454	0	0
"2010-09-28	07:00:00"	10.14	323.1	6.102	12.93	5.623	323	9.84	9.35	62.65	60.83	1.821	0.311	64.36	26.463	0	0
"2010-09-28	08:00:00"	9.97	334.3	12.4	15.31	4.758	333	14.58	11.14	62.68	61.02	1.668	0.313	65.33	26.471	3.97	0
"2010-09-28	09:00:00"	10.66	350.4	14.75	17.1	6.873	346.1	15.72	14.12	65.03	64.68	0.349	0.312	59.61	26.479	116.24	0
"2010-09-28	10:00:00"	9.27	353.1	13.25	16.51	7.163	348.9	14.93	12.93	71.02	71.64	-0.624	0.309	48.2	26.48	321.38	0
"2010-09-28	11:00:00"	11.22	23.2	11.09	17.7	8.64	21.82	17.12	14.12	75.65	76.67	-1.025	0.31	39.42	26.483	523.51	0
"2010-09-28	12:00:00"	10.04	7.34	15.07	17.1	7.978	3.24	19.73	14.72	77.21	78.81	-1.601	0.31	38.09	26.478	691.84	0
"2010-09-28	13:00:00"	6.975	7.423	23.97	12.93	5.762	3.861	28.94	11.14	81.1	82.7	-1.639	0.313	33.69	26.462	805.34	0
"2010-09-28	14:00:00"	8.01	9.51	28.69	20.09	6.568	8.98	34.6	20.09	84.3	86	-1.677	0.315	28.91	26.44	853	0
"2010-09-28	15:00:00"	8.63	27.7	22.82	15.31	6.898	25.44	26.92	14.12	85.3	87.2	-1.848	0.315	28.65	26.416	814.46	0
"2010-09-28	16:00:00"	9.27	35.7	19.89	15.91	7.485	35.02	24.77	15.31	85.4	87.1	-1.655	0.314	29.38	26.394	742.26	0
"2010-09-28	17:00:00"	9.24	56.9	20.67	15.91	7.364	56.25	23.9	12.93	85	86.5	-1.425	0.313	30.01	26.379	597.42	0
"2010-09-28	18:00:00"	8.01	66.78	22.23	15.31	6.33	65.42	23.88	11.74	84.9	85.8	-0.882	0.313	30.97	26.37	407.46	0
"2010-09-28	19:00:00"	8.49	93.4	9.62	14.72	6.134	92	12.02	11.74	83.3	83.4	-0.114	0.311	34.12	26.371	200.28	0
"2010-09-28	20:00:00"	6.544	88.7	3.477	8.16	1.752	82	7.079	5.175	79.52	76.6	2.925	0.307	46.14	26.38	27.164	0
"2010-09-28	21:00:00"	7.389	80.9	6.082	9.35	2.769	72.14	10.04	4.578	73.81	69.51	4.294	0.304	59.63	26.397	0	0
"2010-09-28	22:00:00"	8.99	92.9	3.562	10.54	4.339	83	7.621	6.368	71.26	66.77	4.496	0.306	65.25	26.411	0	0
"2010-09-28	23:00:00"	9.81	96.9	2.687	11.14	4.618	83.8	7.967	5.771	69.05	64.45	4.607	0.306	70.15	26.412	0	0
"2010-09-29	00:00:00"	9.17	104.4	4.851	10.54	4.602	93.1	9.03	6.368	67.34	63.94	3.398	0.309	69.86	26.409	0	0
"2010-09-29	01:00:00"	7.18	111.1	5.644	9.35	3.084	94	10.7	5.771	66.93	63.74	3.181	0.31	68.41	26.406	0	0
"2010-09-29	02:00:00"	7.762	115	6.807	10.54	2.253	97.5	10.78	5.175	66.93	63.18	3.748	0.309	67.22	26.4	0	0
"2010-09-29	03:00:00"	5.617	151.5	31.29	8.75	1.732	143.2	56.39	5.771	65.51	62.48	3.028	0.31	68.72	26.396	0	0
"2010-09-29	04:00:00"	6.421	150.7	13.6	9.35	1.584	152	19.46	5.771	64.35	61.86	2.487	0.312	71.06	26.388	0	0
"2010-09-29	05:00:00"	4.561	202	14.12	7.561	1.553	222.5	18.88	4.578	63.45	61.16	2.287	0.311	71.75	26.379	0	0
"2010-09-29	06:00:00"	4.28	206.4	23.04	6.368	1	233.3	35.82	1	64.1	61.39	2.711	0.311	70.65	26.376	0	0
"2010-09-29	07:00:00"	4.762	280.7	30.24	7.561	1	304.7	23.94	1	63.86	58.69	5.171	0.311	77.12	26.384	0	0
"2010-09-29	08:00:00"	1.463	330.6	56.61	4.578	1	11.09	21.69	1	64.63	55.07	9.56	0.308	84.6	26.386	3.6798	0
"2010-09-29	09:00:00"	1.132	161.7	88.1	3.982	1	23.1	46.15	1	65.28	60.11	5.169	0.313	77.97	26.391	115.7	0
"2010-09-29	10:00:00"	5.194	176.2	12.04	8.75	3.588	171.9	15.62	7.561	69.18	69.61	-0.432	0.313	56.72	26.389	321.16	0
"2010-09-29	11:00:00"	8.15	180	11.78	11.74	6.341	177.5	16.32	9.95	74.44	75.45	-1.011	0.31	46.31	26.39	524.56	0
"2010-09-29	12:00:00"	8.17	178.1	13.93	12.93	6.293	174.8	17.68	10.54	78.24	79.56	-1.325	0.312	40.28	26.384	692.16	0
"2010-09-29	13:00:00"	8.59	182.7	19.59	14.72	6.202	182	24.7	12.93	81.2	82.7	-1.524	0.313	36.04	26.369	804.32	0
"2010-09-29	14:00:00"	8.89	188.9	17.25	15.91	6.904	187.8	23.4	14.12	83.5	85.1	-1.629	0.314	32.65	26.35	853.97	0
"2010-09-29	15:00:00"	8.39	170.5	20.29	17.1	6.63	167.7	24.29	14.12	85.4	87	-1.526	0.313	30.02	26.326	817.9	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2010-09-29	16:00:00"	8.07	189.4	26.67	14.72	6.411	187.3	30.99	13.52	87.1	88.5	-1.424	0.315	27.56		26.3	747.87	0	
"2010-09-29	17:00:00"	7.326	187.8	28.8	16.51	5.611	187	34.08	12.33	88.3	89.5	-1.235	0.313	25.5		26.285	600.48	0	
"2010-09-29	18:00:00"	6.321	197.3	27.53	11.14	4.646	194.5	32.04	8.75	88.6	89.3	-0.737	0.313	25.06		26.277	407.82	0	
"2010-09-29	19:00:00"	6.123	193.7	16.71	11.74	3.981	191.4	19.97	10.54	87.8	87.6	0.209	0.313	27.55		26.285	197.98	0	
"2010-09-29	20:00:00"	6.896	149	29.5	11.74	2.952	139.3	31.15	6.964	84	80.9	3.087	0.309	36.94		26.302	25.456	0	
"2010-09-29	21:00:00"	9.56	121.7	6.597	12.93	5.308	116.4	11.56	8.75	77.47	74.92	2.547	0.307	44.62		26.32	0	0	
"2010-09-29	22:00:00"	10	129.4	7.426	13.52	6.044	126.6	11.23	9.35	74.47	72.86	1.606	0.305	46.3		26.343	0	0	
"2010-09-29	23:00:00"	10.02	121	8.54	13.52	5.961	116.5	13.51	8.75	72.61	71.06	1.551	0.306	48.52		26.36	0	0	
"2010-09-30	00:00:00"	9.32	106.9	7.935	12.33	5.154	96.1	11.91	8.16	69.63	67.42	2.209	0.306	57.33		26.374	0	0	
"2010-09-30	01:00:00"	8.95	126.5	7.053	12.93	5.078	122.8	11.11	8.16	68.51	67.05	1.452	0.307	58.91		26.379	0	0	
"2010-09-30	02:00:00"	8.37	125.4	7.297	12.33	4.86	121.7	11.48	8.75	67.48	66.1	1.381	0.308	61.45		26.386	0	0	
"2010-09-30	03:00:00"	7.564	130.2	8.3	11.74	4.13	124.2	13.55	7.561	66.21	64.9	1.312	0.309	63.2		26.397	0	0	
"2010-09-30	04:00:00"	5.735	116	9.47	7.561	1.817	88.9	14.59	4.578	65.23	63.03	2.195	0.309	66.55		26.407	0	0	
"2010-09-30	05:00:00"	4.616	97.4	12.48	6.368	2.076	47.69	17.64	4.578	65.03	62.25	2.776	0.311	67.34		26.411	0	0	
"2010-09-30	06:00:00"	7.484	84.3	11.7	9.95	4.14	54.09	9.49	5.771	64.14	59.72	4.416	0.308	73.19		26.428	0	0	
"2010-09-30	07:00:00"	7.402	59.27	9.54	8.75	4.27	43.45	9.15	5.771	61.48	57.9	3.587	0.309	77.65		26.452	0	0	
"2010-09-30	08:00:00"	7.188	34.71	4.851	10.54	4.335	30.45	7.868	8.16	58.9	56.56	2.346	0.303	81		26.474	3.4992	0	
"2010-09-30	09:00:00"	11.53	30.68	7.709	16.51	8.36	31.57	12.82	12.93	59.22	59.22	0.005	0.307	76.77		26.511	108.97	0	
"2010-09-30	10:00:00"	12.24	41.1	9.88	16.51	9.19	40.89	13.08	15.31	66.37	67.23	-0.854	0.315	62.12		26.535	309.1	0	
"2010-09-30	11:00:00"	10.19	53.14	13.77	15.91	7.808	53.84	16.38	14.12	71.72	73.15	-1.434	0.313	49.47		26.552	506.85	0	
"2010-09-30	12:00:00"	7.993	76.64	18.94	12.93	6.099	75.61	21.11	11.74	75.78	77.47	-1.687	0.311	42.35		26.553	673.99	0	
"2010-09-30	13:00:00"	10.31	95.8	17.32	16.51	8.02	95.3	20.42	13.52	78.27	80.2	-1.886	0.311	35.2		26.548	790.02	0	
"2010-09-30	14:00:00"	8.92	94.6	22.02	16.51	7.019	93.3	24.97	14.72	79.69	81.6	-1.885	0.311	32.77		26.537	836.39	0	
"2010-09-30	15:00:00"	7.179	107.3	21.74	15.31	5.569	107	25.54	12.93	80.6	82.3	-1.695	0.312	31.39		26.521	798.34	0	
"2010-09-30	16:00:00"	7.347	116.7	27.88	14.12	5.446	116.1	32.69	12.33	81.4	82.9	-1.542	0.312	30.72		26.508	727.2	0	
"2010-09-30	17:00:00"	7.785	112.2	27.93	16.51	5.967	111.3	30.91	14.12	82.1	83.6	-1.517	0.312	31.09		26.502	581.6	0	
"2010-09-30	18:00:00"	8.18	81.4	17.22	15.31	6.385	80.7	20.02	12.33	82.1	83.3	-1.159	0.311	31.49		26.498	392.61	0	
"2010-09-30	19:00:00"	8.49	103.3	15.87	13.52	6.138	102	18.99	11.14	81.2	81.5	-0.341	0.309	33.58		26.506	186.82	0	
"2010-09-30	20:00:00"	7.552	116.9	6.595	10.54	3.932	111.3	10.07	7.561	77.21	75.37	1.836	0.308	43.16		26.52	21.744	0	
"2010-09-30	21:00:00"	8.47	117.4	5.109	10.54	3.696	107.7	10.12	6.964	72.23	69.5	2.737	0.307	54.87		26.536	0	0	
"2010-09-30	22:00:00"	9.38	120.2	5.967	12.33	5.45	115.8	11.05	9.35	70.26	68.78	1.474	0.308	55.73		26.558	0	0	
"2010-09-30	23:00:00"	10.06	119.8	6.864	12.93	6.4	116.4	11.22	9.95	68.5	67.59	0.914	0.308	58.33		26.57	0	0	
"2010-10-01	00:00:00"	10.18	120.4	7.775	13.52	6.062	117.4	12.04	9.35	66.62	65.78	0.845	0.31	63.32		26.58	0	0	
"2010-10-01	01:00:00"	8.96	132.2	7.315	12.33	5.645	129.6	10.39	8.75	65.67	64.67	1.003	0.31	66.29		26.577	0	0	
"2010-10-01	02:00:00"	8.98	127.8	6.678	12.33	5.49	123.5	11.04	8.16	64.61	63.49	1.117	0.312	69.08		26.571	0	0	
"2010-10-01	03:00:00"	9.17	125.4	6.911	11.74	5.525	122.6	11.01	8.75	64.15	63	1.142	0.31	70.02		26.566	0	0	
"2010-10-01	04:00:00"	8.08	142.2	27.58	12.33	4.36	144.4	36.12	8.75	63.79	62.6	1.191	0.311	70.59		26.562	0	0	
"2010-10-01	05:00:00"	4.305	185.7	23.13	7.561	1	193	37.26	1	62.08	60.11	1.963	0.308	75.97		26.567	0	0	
"2010-10-01	06:00:00"	3.48	114.7	42.83	6.368	1	65.9	50.41	1	61.68	58.63	3.049	0.308	77.86		26.575	0	0	
"2010-10-01	07:00:00"	5.925	49.54	8.57	7.561	1	37.54	8.2	1	58.87	54.7	4.171	0.298	86.1		26.588	0	0	
"2010-10-01	08:00:00"	6.013	46.06	5.376	7.561	1	36.18	7.398	1	57.3	53.77	3.529	0.294	88.1		26.608	3.098	0	
"2010-10-01	09:00:00"	5.132	46.92	12.84	7.561	2.863	44.09	16.6	6.368	57.28	56.58	0.694	0.295	86		26.623	107.9	0	
"2010-10-01	10:00:00"	6.308	72.89	13.39	8.75	5.037	72.01	16.7	7.561	62.61	63.61	-1.006	0.311	72.47		26.632	309.68	0	
"2010-10-01	11:00:00"	7.35	118.8	21.42	15.31	5.861	117.6	23.73	12.93	68.41	69.49	-1.08	0.31	57.82		26.636	509.43	0	
"2010-10-01	12:00:00"	10.24	144.7	15.07	18.89	8.21	143.1	17.25	15.31	71.48	72.96	-1.488	0.309	52.03		26.629	674.2	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-01	13:00:00"	8.82	168.2	24.14	15.91	6.956	166.7	26.9	14.12	74.19	75.82	-1.626	0.308	44.84	26.616	786.13	0	
"2010-10-01	14:00:00"	7.888	180.5	29.65	14.72	5.572	179.5	34.74	12.33	76.71	78.66	-1.947	0.31	38.67	26.596	835.1	0	
"2010-10-01	15:00:00"	7.849	193.8	27.8	15.31	6.299	192.9	32.34	13.52	79.14	80.9	-1.72	0.31	34.96	26.567	799.88	0	
"2010-10-01	16:00:00"	9.01	201.2	24.65	15.91	7.167	201.1	28.75	13.52	80.4	82.3	-1.823	0.31	31.15	26.54	730.78	0	
"2010-10-01	17:00:00"	9.04	198.4	21.54	17.1	7.004	198.2	26.45	14.72	81.7	83.3	-1.57	0.312	27.57	26.516	587.25	0	
"2010-10-01	18:00:00"	9.1	185.3	17.53	15.91	6.732	183	21.55	12.93	82.4	83.5	-1.034	0.311	26.66	26.503	395.03	0	
"2010-10-01	19:00:00"	8.15	189.4	12.35	12.93	5.524	187.6	16.88	11.14	82.1	82.2	-0.103	0.311	27.01	26.499	187.56	0	
"2010-10-01	20:00:00"	6.817	165	7.927	8.75	1.226	151.2	14.51	5.175	78.79	75.69	3.099	0.307	36.88	26.501	21.384	0	
"2010-10-01	21:00:00"	7.872	158.8	3.44	9.35	2.108	143.7	6.044	4.578	75.77	70.89	4.881	0.305	41.94	26.507	0	0	
"2010-10-01	22:00:00"	8.5	152.1	7.661	9.95	2.491	144.4	8.57	5.175	72.69	68.79	3.893	0.306	42.03	26.522	0	0	
"2010-10-01	23:00:00"	8.96	141.2	7.924	11.74	4.537	134.8	11.96	8.16	70.1	67.2	2.895	0.308	45.71	26.531	0	0	
"2010-10-02	00:00:00"	8.82	136.2	15.99	12.33	4.936	131.3	20.26	8.16	67.97	66.17	1.808	0.308	50.39	26.53	0	0	
"2010-10-02	01:00:00"	8.75	84.1	25.23	11.14	3.822	71.2	26.88	7.561	63.75	60.72	3.03	0.309	65	26.543	0	0	
"2010-10-02	02:00:00"	7.968	52.98	14.92	11.74	4.578	47.74	13.96	8.75	59.02	57.05	1.968	0.307	78.04	26.551	0	0	
"2010-10-02	03:00:00"	10.35	125.4	19.96	16.51	6.4	119.9	27.59	12.93	61.76	59.86	1.899	0.308	76.42	26.537	0	0	
"2010-10-02	04:00:00"	10.47	138.7	12.89	17.7	7.247	135.7	15.13	13.52	63.13	62.37	0.76	0.312	69.39	26.537	0	0	
"2010-10-02	05:00:00"	7.279	70.53	18.08	9.95	4.572	64.55	19.19	7.561	58.13	56.9	1.228	0.3	82	26.542	0	0	
"2010-10-02	06:00:00"	6.858	73.05	12.92	9.35	3.999	55.2	12.62	5.771	56.38	54.43	1.948	0.293	87.9	26.539	0	0	
"2010-10-02	07:00:00"	6.714	53.01	14.53	9.35	4.266	46.29	18.53	6.368	57.15	56.24	0.908	0.297	84.3	26.556	0	0	
"2010-10-02	08:00:00"	7.717	46.53	18.74	11.14	5.153	44.7	20.65	8.75	56.69	55.8	0.892	0.295	84.4	26.581	2.6425	0	
"2010-10-02	09:00:00"	8.63	64.01	21.05	12.93	6.229	62.75	24.57	10.54	56.88	56.9	-0.028	0.297	82.1	26.594	111.25	0	
"2010-10-02	10:00:00"	11.17	92.2	11.07	15.91	8.59	90.3	13.97	14.12	63.24	64.22	-0.978	0.314	64.17	26.61	328.1	0	
"2010-10-02	11:00:00"	11.85	100.3	8.76	17.1	9.2	98.6	12.14	14.12	68.09	69.21	-1.118	0.312	54.21	26.622	378.08	0	
"2010-10-02	12:00:00"	11.15	96.7	8.88	17.1	8.55	95.3	12.46	14.72	69.84	70.61	-0.77	0.308	52.05	26.632	269.15	0	
"2010-10-02	13:00:00"	12.43	104.7	11.46	18.3	9.56	102.7	14.3	14.72	71.64	72.96	-1.317	0.307	49.04	26.635	448.01	0	
"2010-10-02	14:00:00"	13.34	114.4	11.42	19.49	10.01	112.9	15.02	15.91	73.96	75.38	-1.421	0.307	44.61	26.628	464.96	0	
"2010-10-02	15:00:00"	12.75	122.1	14.83	18.89	9.52	121.2	17.67	15.31	74.79	76.18	-1.398	0.307	42.89	26.614	473.96	0	
"2010-10-02	16:00:00"	12.16	119	18.05	20.09	9.4	118.4	20.44	16.51	76.34	78.21	-1.871	0.31	40.25	26.597	680.6	0	
"2010-10-02	17:00:00"	12.1	124.3	15.51	18.89	9.22	123.2	18.35	15.31	76.98	78.75	-1.765	0.309	38.49	26.582	554.94	0	
"2010-10-02	18:00:00"	12.13	114.9	16.57	19.49	9.07	114.3	19.61	15.91	77.31	78.52	-1.215	0.309	38.75	26.577	366.71	0	
"2010-10-02	19:00:00"	12.94	103.3	9.78	18.89	9.71	101.8	12.93	15.91	75.43	75.85	-0.418	0.308	41.31	26.582	164.73	0	
"2010-10-02	20:00:00"	9.62	96.7	6.933	15.31	6.801	94	9.21	11.74	71.36	70.95	0.407	0.308	48.72	26.594	17.614	0	
"2010-10-02	21:00:00"	8.04	98.4	5.202	10.54	4.697	91.5	7.743	6.964	66.93	65.71	1.215	0.308	59.45	26.607	0	0	
"2010-10-02	22:00:00"	9.09	102.5	6.515	11.74	5.508	97.4	9.42	8.75	64.98	63.89	1.091	0.309	63.02	26.62	0	0	
"2010-10-02	23:00:00"	10.8	97.2	6.593	15.31	7.272	93.3	9.22	11.74	63.8	63.11	0.694	0.314	63.38	26.625	0	0	
"2010-10-03	00:00:00"	10.72	96.7	6.975	15.31	7.488	94.2	9.7	11.14	63.16	62.67	0.487	0.31	63.47	26.638	0	0	
"2010-10-03	01:00:00"	11.2	102.2	7.031	16.51	7.833	99.6	10.21	13.52	63.48	63.08	0.404	0.31	60.32	26.645	0	0	
"2010-10-03	02:00:00"	10.35	104.5	7.966	14.12	7.022	101.9	10.99	11.74	63.05	62.84	0.21	0.312	58.95	26.644	0	0	
"2010-10-03	03:00:00"	9.18	104.8	7.999	13.52	5.01	100.9	10.99	10.54	61.96	61.48	0.483	0.311	59.2	26.645	0	0	
"2010-10-03	04:00:00"	6.863	86.8	11.58	12.33	1.505	80.7	13.03	8.75	60.15	59.67	0.473	0.313	63.96	26.654	0	0	
"2010-10-03	05:00:00"	10.56	84.7	11.13	16.51	7.596	83.1	13.15	12.33	58.22	58.17	0.047	0.31	68.46	26.654	0	0	
"2010-10-03	06:00:00"	10.96	53.14	19.82	17.1	7.858	52.26	21.9	14.12	57.45	57.42	0.028	0.306	70.06	26.68	0	0	
"2010-10-03	07:00:00"	13.81	52.68	14.59	20.68	10.01	52.44	16.93	16.51	58.11	58.04	0.078	0.315	63.59	26.699	0	0	
"2010-10-03	08:00:00"	13.43	68.66	7.826	20.68	9.54	68.41	11.66	16.51	56.03	55.93	0.102	0.305	68.42	26.698	0.64728	0	
"2010-10-03	09:00:00"	14.27	80.1	10.09	19.49	10.23	78.42	13.26	15.91	53.64	53.95	-0.306	0.299	71.49	26.707	41.146	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-03	10:00:00"	13.11	84.3	9.93	18.89	9.64	82.7	12.52	15.91	53.28	53.85	-0.566	0.297	72.95	26.726	77.114	0	
"2010-10-03	11:00:00"	12.8	69.6	10.1	20.09	9.3	68.99	13.53	15.31	53.62	54.76	-1.141	0.299	71.45	26.744	247.67	0	
"2010-10-03	12:00:00"	14.5	83.2	13.7	21.28	10.46	82.2	15.64	17.1	57.04	59.32	-2.278	0.31	61.89	26.732	624.25	0	
"2010-10-03	13:00:00"	13.92	102.1	12.58	21.28	10.73	100.3	15	17.1	59.98	62.36	-2.382	0.314	56.32	26.715	765.62	0	
"2010-10-03	14:00:00"	13.49	120.1	15.71	21.87	10.19	119.5	18.83	17.7	63.2	65.59	-2.386	0.313	51.13	26.686	727.65	0	
"2010-10-03	15:00:00"	11.68	131.9	16.47	18.89	8.96	130.6	18.71	18.3	65.69	67.78	-2.081	0.312	46.88	26.657	659.79	0	
"2010-10-03	16:00:00"	11.99	136.4	15.34	20.09	9.09	134.7	16.99	16.51	68.11	70.1	-1.993	0.311	42.84	26.629	585.91	0	
"2010-10-03	17:00:00"	11.6	131.8	19.77	17.7	8.65	129.4	20.93	14.72	67.93	69.03	-1.101	0.307	44.03	26.62	238.73	0	
"2010-10-03	18:00:00"	12.11	134.8	12.52	20.09	8.91	133.6	14.56	15.91	68.18	68.83	-0.65	0.308	45.17	26.601	166.25	0	
"2010-10-03	19:00:00"	13.68	110.1	10.55	19.49	10.15	108.5	14.12	16.51	66.55	67.5	-0.944	0.308	50.58	26.591	205.47	0	
"2010-10-03	20:00:00"	11.48	107.7	10.14	17.7	8.31	105.9	13.3	13.52	62.84	63.1	-0.256	0.312	60.28	26.587	18.802	0	
"2010-10-03	21:00:00"	10.84	88.1	7.959	15.31	7.782	86	10.46	12.33	58.16	58.19	-0.032	0.306	70.6	26.599	0	0	
"2010-10-03	22:00:00"	11.87	92.2	7.061	17.7	8.56	90.4	9.42	14.12	54.95	54.96	-0.008	0.298	77.1	26.618	0	0	
"2010-10-03	23:00:00"	11.16	98.6	7.652	15.91	7.978	96.9	10.09	12.93	53.85	53.86	-0.003	0.296	80.9	26.632	0	0	
"2010-10-04	00:00:00"	10.97	103.9	8.43	15.31	7.761	101.4	11.3	13.52	53.49	53.38	0.11	0.295	80.5	26.638	0	0	
"2010-10-04	01:00:00"	10.85	105.3	8.25	15.91	7.682	103.4	11.48	12.33	53.69	53.7	-0.013	0.297	76.51	26.641	0	0	
"2010-10-04	02:00:00"	10.74	109.1	9.07	16.51	7.447	107.4	12.09	12.93	53.42	53.31	0.106	0.298	74.6	26.63	0	0	
"2010-10-04	03:00:00"	9.37	88.1	27.07	15.91	6.507	86.7	28.15	12.33	52.61	52.36	0.253	0.298	76.33	26.642	0	0.02	
"2010-10-04	04:00:00"	9.93	61.5	10.93	16.51	6.766	60.45	13.57	11.14	50.93	50.65	0.283	0.295	85.8	26.652	0	0.01	
"2010-10-04	05:00:00"	10.29	75.08	11.47	15.31	7.006	73.76	13.98	12.93	50.05	49.79	0.264	0.296	86.9	26.631	0	0	
"2010-10-04	06:00:00"	10.95	91.6	10.4	15.91	7.507	89.8	12.96	12.33	49.47	49.19	0.282	0.296	84.8	26.622	0	0	
"2010-10-04	07:00:00"	9	119.2	12.19	14.72	5.772	117.5	14.83	11.74	49.73	49.34	0.398	0.296	82.7	26.631	0	0	
"2010-10-04	08:00:00"	8.42	124.2	9.13	12.93	5.399	122.2	12.57	9.95	49.46	49	0.462	0.296	81.1	26.634	2.7044	0	
"2010-10-04	09:00:00"	9.21	120.1	13.67	17.1	5.932	117.3	16.97	14.12	50.43	50.47	-0.033	0.297	77.7	26.639	112.95	0	
"2010-10-04	10:00:00"	13.65	142.1	9.75	20.68	10.05	140.9	11	17.1	55.13	55.57	-0.446	0.306	65.92	26.646	237.23	0	
"2010-10-04	11:00:00"	15.51	155.8	12.85	21.28	11.82	153.5	14.45	17.7	58.92	59.9	-0.988	0.314	59.76	26.65	432.58	0	
"2010-10-04	12:00:00"	14.06	163.2	14.06	21.87	10.71	160.1	16.16	18.3	62.13	63.53	-1.395	0.314	54.88	26.646	540.75	0	
"2010-10-04	13:00:00"	12.15	187.3	16.15	20.09	9.08	186	20.45	17.7	64.49	66.3	-1.808	0.312	50.28	26.644	601.65	0	
"2010-10-04	14:00:00"	12.14	167	16.77	18.89	9.24	164.2	19.03	16.51	67.01	68.99	-1.979	0.309	45.55	26.623	827.29	0	
"2010-10-04	15:00:00"	11.78	171.7	15.79	20.09	9.3	170.2	19.05	17.1	69.13	71.28	-2.143	0.31	41.4	26.599	766.55	0	
"2010-10-04	16:00:00"	10.4	146.4	14.64	15.91	8.02	144.5	16.86	12.93	70.55	71.85	-1.293	0.306	40.54	26.572	367.88	0	
"2010-10-04	17:00:00"	11.09	151	15.36	20.09	8.55	148.7	16.44	17.7	72.66	73.9	-1.235	0.306	38.04	26.557	446.69	0	
"2010-10-04	18:00:00"	13.05	149.7	11.31	17.7	9.75	147	12.85	15.31	73.15	73.78	-0.639	0.307	37.42	26.547	175.7	0	
"2010-10-04	19:00:00"	13.55	133.8	10.32	20.09	9.65	132.6	12.63	16.51	72.46	72.69	-0.236	0.306	38.78	26.545	136.28	0	
"2010-10-04	20:00:00"	9.66	120.9	10.53	16.51	5.989	117.3	15.01	12.93	69.14	68.45	0.684	0.305	44.62	26.549	16.073	0	
"2010-10-04	21:00:00"	7.388	105.3	6.482	9.95	1.704	90.9	10.54	5.771	64.21	61.97	2.231	0.307	57.63	26.564	0	0	
"2010-10-04	22:00:00"	7.838	80.7	11.59	9.95	3.354	63.73	11.05	5.175	60.31	57.47	2.831	0.311	70.64	26.582	0	0	
"2010-10-04	23:00:00"	8.47	82.5	10.11	10.54	4.103	72.44	14.1	6.964	57.92	56.08	1.849	0.308	74.74	26.594	0	0	
"2010-10-05	00:00:00"	8.09	71	5.155	11.14	2.325	62.07	10.59	6.964	55.35	53.64	1.711	0.299	81.8	26.602	0	0	
"2010-10-05	01:00:00"	9.46	87.6	9.24	12.33	5.794	82.8	11.53	8.75	55.29	54.44	0.844	0.298	79.95	26.602	0	0	
"2010-10-05	02:00:00"	9.41	109.3	11.28	12.93	5.619	104.8	14.67	9.35	55.96	54.99	0.973	0.301	76.61	26.6	0	0	
"2010-10-05	03:00:00"	8.3	119	8.67	12.93	4.873	113	13.62	9.35	56.49	55.71	0.78	0.305	73.02	26.597	0	0	
"2010-10-05	04:00:00"	6.678	104.8	10.27	9.95	1.032	91.6	14.72	3.982	54.06	53.01	1.057	0.297	79.96	26.59	0	0	
"2010-10-05	05:00:00"	6.327	110.3	7.267	9.95	1	92.7	13.8	1	53.21	51.56	1.648	0.295	82.8	26.582	0	0	
"2010-10-05	06:00:00"	7.569	103.1	10.52	9.95	1	90.7	13.66	1	52.08	50.54	1.538	0.295	85	26.581	0	0	

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-05	07:00:00"	7.343	100.7	13.67	9.95	1	88	20.15	1	51.51	49.85	1.663	0.295	86	26.587	0	0
"2010-10-05	08:00:00"	6.586	91.4	9.43	8.16	1	71.46	14.9	1	50.9	48.55	2.35	0.293	88.4	26.602	2.2244	0
"2010-10-05	09:00:00"	5.81	98.8	10.72	10.54	1.076	83.2	18.81	6.368	51.6	51.02	0.574	0.296	84	26.623	95.627	0
"2010-10-05	10:00:00"	11.04	139.7	14.48	19.49	8.23	137.8	15.64	17.7	56.71	57.46	-0.752	0.308	64.2	26.637	291.18	0
"2010-10-05	11:00:00"	12.38	159.3	12.65	18.3	7.98	156.8	14.71	14.72	61.66	62.84	-1.179	0.314	54.28	26.647	487.05	0
"2010-10-05	12:00:00"	12.35	152.6	13.74	18.89	6.537	150.2	15.26	14.72	65.96	67.6	-1.646	0.31	48.98	26.643	651.05	0
"2010-10-05	13:00:00"	12.95	157.8	13.66	20.09	5.24	155.6	15.36	14.72	69.83	71.63	-1.799	0.308	44.33	26.639	759.46	0
"2010-10-05	14:00:00"	12.95	161.2	16.14	20.09	9.13	158.4	17.98	16.51	72.87	74.82	-1.952	0.308	40.76	26.63	803.55	0
"2010-10-05	15:00:00"	13.8	160.3	17.1	22.47	10.86	158.4	18.52	18.89	75.61	77.58	-1.971	0.307	37.54	26.607	758.62	0
"2010-10-05	16:00:00"	14.31	151.2	17.26	22.47	11.06	148.6	18.46	18.89	77.11	79.05	-1.933	0.308	36.6	26.591	692.52	0
"2010-10-05	17:00:00"	15.02	148.9	15.43	23.66	11.45	146.7	16.68	19.49	78.08	79.73	-1.651	0.309	36.01	26.581	542.05	0
"2010-10-05	18:00:00"	16.27	133.1	12	23.66	11.99	131.7	14.07	18.89	77.51	78.67	-1.16	0.309	38.32	26.576	351.56	0
"2010-10-05	19:00:00"	15.89	133.9	9.36	23.66	11.55	132.9	11.81	18.3	75.74	76.08	-0.343	0.308	40.14	26.584	153.96	0
"2010-10-05	20:00:00"	11.04	137.2	7.333	18.3	7.567	135.5	9.43	15.31	72.13	71.58	0.549	0.306	47.33	26.598	12.537	0
"2010-10-05	21:00:00"	8.36	132.3	7.02	11.74	4.796	128.3	10.53	8.75	67.37	66.04	1.333	0.307	56.82	26.615	0	0
"2010-10-05	22:00:00"	9.1	135.8	7.546	12.93	5.578	132.9	9.9	9.35	64.65	63.64	1.005	0.312	61.79	26.631	0	0
"2010-10-05	23:00:00"	9.03	146.7	7.006	11.74	5.57	142.7	9.06	8.75	62.94	61.97	0.963	0.31	64	26.649	0	0
"2010-10-06	00:00:00"	7.785	154.8	7.027	11.74	4.369	150.1	8.99	7.561	61.01	59.8	1.216	0.31	68.63	26.66	0	0
"2010-10-06	01:00:00"	7.32	162.3	6.654	11.14	3.175	156.6	9.87	7.561	59.13	57.99	1.137	0.308	74.39	26.663	0	0
"2010-10-06	02:00:00"	6.599	151.5	7.895	9.95	2.952	143.3	11.42	5.771	58.31	56.79	1.521	0.303	78.86	26.656	0	0
"2010-10-06	03:00:00"	6.358	141.3	7.164	9.95	1.362	123.4	13.04	6.368	57.47	55.06	2.404	0.299	82.3	26.655	0	0
"2010-10-06	04:00:00"	6.357	147.3	13.16	9.35	1.788	140.5	21.15	4.578	56.57	54.63	1.945	0.294	83.6	26.652	0	0
"2010-10-06	05:00:00"	3.824	98.5	37.29	6.964	1	65.62	48.23	1	56.02	53.15	2.871	0.292	85.4	26.648	0	0
"2010-10-06	06:00:00"	6.05	59.21	13.45	6.964	1	40.84	13.11	1	54.07	50.31	3.762	0.292	89.8	26.649	0	0
"2010-10-06	07:00:00"	6.835	47.16	14.27	8.75	3.115	43.64	18.85	5.175	51.62	49.51	2.115	0.295	91	26.659	0	0
"2010-10-06	08:00:00"	6.889	56.35	10.32	8.75	2.3	56.03	12.38	6.368	50.37	49.21	1.154	0.297	91.8	26.675	2.4147	0
"2010-10-06	09:00:00"	7.374	71.48	6.908	9.95	5.148	68.01	10.98	8.16	50.97	50.91	0.06	0.297	91.3	26.69	102.73	0
"2010-10-06	10:00:00"	7.021	94.6	21.99	11.14	5.342	93	23.66	8.75	56.59	57.54	-0.95	0.299	79.99	26.706	291.56	0
"2010-10-06	11:00:00"	9.4	143.6	15.99	15.91	7.29	141.5	17.68	12.33	62	63.29	-1.289	0.314	63.21	26.711	488.71	0
"2010-10-06	12:00:00"	9.01	132.6	17.57	14.72	7.231	131.1	20.53	12.93	66.1	67.76	-1.654	0.311	55.21	26.707	652.81	0
"2010-10-06	13:00:00"	9.93	140	18.82	20.68	7.923	138.9	20.46	18.3	69.94	71.7	-1.756	0.308	47.7	26.699	763.19	0
"2010-10-06	14:00:00"	10.2	131.6	20.96	19.49	8.23	129.3	23.57	14.72	73.56	75.54	-1.982	0.307	40.72	26.685	806.23	0
"2010-10-06	15:00:00"	11.67	147.6	14.06	20.09	9.25	146.2	15.5	17.7	76.61	78.55	-1.941	0.308	34.95	26.658	766.91	0
"2010-10-06	16:00:00"	11.6	156	18.32	22.47	9.16	154.1	20.13	17.1	78.12	79.94	-1.822	0.31	31.74	26.635	695.2	0
"2010-10-06	17:00:00"	11.65	150	19.34	24.86	9.09	147.3	20.69	18.89	78.96	80.6	-1.672	0.31	29.96	26.622	547.68	0
"2010-10-06	18:00:00"	10.84	140.6	16.45	16.51	8.31	139.3	18.29	15.31	78.87	80	-1.165	0.31	30.87	26.615	357.65	0
"2010-10-06	19:00:00"	10.92	136	13.94	15.31	7.873	135.1	15.01	13.52	77.7	78.08	-0.376	0.308	32.7	26.613	156.16	0
"2010-10-06	20:00:00"	8.57	124	6.444	12.93	4.845	120	11.97	9.35	73.32	72.02	1.297	0.305	40.54	26.62	12.323	0
"2010-10-06	21:00:00"	9.25	118.7	5.882	11.74	4.677	110	11.8	8.16	68.88	66.51	2.372	0.304	49.67	26.635	0	0
"2010-10-06	22:00:00"	9.03	124.2	8.94	12.93	5.029	118	12.69	9.35	66	64.44	1.562	0.308	54.95	26.649	0	0
"2010-10-06	23:00:00"	9.22	145.3	8.25	12.93	5.501	142.2	10.51	8.75	65.04	63.92	1.116	0.308	53.53	26.655	0	0
"2010-10-07	00:00:00"	7.216	162.8	6.059	9.95	1.666	154.8	8.4	6.368	62.98	60.43	2.549	0.309	59.26	26.663	0	0
"2010-10-07	01:00:00"	8.18	167.3	4.607	9.95	2.917	160.6	8.5	5.771	61.8	59.45	2.343	0.31	60.29	26.667	0	0
"2010-10-07	02:00:00"	7.593	173.2	6.941	10.54	1.748	168.5	8.57	6.368	60.43	57.78	2.649	0.311	62.95	26.667	0	0
"2010-10-07	03:00:00"	6.739	188.5	7.525	9.95	1.889	191.9	16.37	5.771	60.21	57.62	2.595	0.312	63.18	26.659	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-07	04:00:00"	5.051	195.8	4.869	6.964	1	207.3	16.18	1	59.34	56.98	2.363	0.31	64.96	26.648	0	0
"2010-10-07	05:00:00"	4.235	198.1	8.09	5.771	1	220.4	16.96	1	58.7	56.83	1.863	0.31	65.77	26.636	0	0
"2010-10-07	06:00:00"	4.157	216.2	15.08	5.771	1	239.5	23.09	1	58.66	56.47	2.191	0.31	67.82	26.634	0	0
"2010-10-07	07:00:00"	2.362	345.5	41.8	5.175	1	2.46	18.39	1	57.5	50.52	6.979	0.306	79.17	26.643	0	0
"2010-10-07	08:00:00"	3.451	63.22	26.26	5.175	1	26.1	5.457	1	57.11	49.04	8.08	0.304	83.4	26.651	2.0019	0
"2010-10-07	09:00:00"	3.853	101.8	16.26	5.771	1	43.12	15.05	1.596	57.4	52.25	5.142	0.305	80.5	26.665	97.113	0
"2010-10-07	10:00:00"	5.365	125.9	27.81	9.95	3.631	121.7	30.07	8.75	61.59	62.23	-0.639	0.315	65.72	26.685	295.8	0
"2010-10-07	11:00:00"	8.28	169.4	13.29	12.93	6.359	165.7	16.33	10.54	66.73	67.85	-1.119	0.313	53.55	26.691	494.61	0
"2010-10-07	12:00:00"	8.79	160.7	18.92	14.72	6.683	158.7	21.7	11.74	71.05	72.4	-1.356	0.308	38.06	26.692	659.6	0
"2010-10-07	13:00:00"	9.31	155.7	20.23	15.31	7.333	154.3	21.67	13.52	74.43	76.09	-1.658	0.307	29.32	26.685	768.35	0
"2010-10-07	14:00:00"	10.09	155.1	20.79	23.07	7.95	152.3	22.81	18.3	76.6	78.45	-1.849	0.309	24.53	26.662	814.84	0
"2010-10-07	15:00:00"	10.78	159.6	20.92	19.49	8.5	156.9	22.87	15.91	78.12	79.99	-1.873	0.31	21.66	26.634	777.08	0
"2010-10-07	16:00:00"	9.73	158.4	24.57	19.49	7.638	156.3	27.46	15.91	78.82	80.5	-1.659	0.309	19.73	26.61	708.51	0
"2010-10-07	17:00:00"	8.7	147.5	25.03	15.91	6.644	144.3	27.83	12.93	79.15	80.6	-1.5	0.31	19.36	26.593	559.32	0
"2010-10-07	18:00:00"	8.53	159.9	23.55	14.72	6.475	157.1	25.21	11.74	79.18	80.2	-1.037	0.308	19.71	26.579	365.36	0
"2010-10-07	19:00:00"	7.561	168.5	16.91	13.52	4.725	165.6	19.74	10.54	78.32	78.51	-0.185	0.309	22.18	26.572	159.46	0
"2010-10-07	20:00:00"	6.378	152.9	8.46	8.75	1.401	141	10.66	4.578	74.9	71.68	3.217	0.303	30.51	26.575	11.538	0
"2010-10-07	21:00:00"	6.664	142.1	14	8.75	1.231	126.6	17.21	5.771	70.68	66.77	3.914	0.305	35.16	26.586	0	0
"2010-10-07	22:00:00"	8.64	121.4	8.09	11.74	1	99.6	11.66	1	66.9	61.49	5.41	0.307	44.01	26.598	0	0
"2010-10-07	23:00:00"	9.03	131.2	4.908	11.74	3.003	117.5	9.31	5.771	65.88	61.58	4.309	0.309	44.31	26.603	0	0
"2010-10-08	00:00:00"	9.08	140.4	7.495	11.14	1.776	131.1	11.04	5.771	65.44	61.85	3.589	0.309	42.15	26.602	0	0
"2010-10-08	01:00:00"	9.36	148.8	6.885	12.33	4.639	143.7	9.08	8.16	63.56	61.59	1.967	0.309	42.19	26.594	0	0
"2010-10-08	02:00:00"	7.196	188.2	26.18	11.74	2.973	196.8	33.76	7.561	60.23	58.35	1.874	0.307	49.2	26.589	0	0
"2010-10-08	03:00:00"	6.017	202.7	10.81	7.561	1	211.8	16.98	1	58.9	56.12	2.784	0.307	52.99	26.583	0	0
"2010-10-08	04:00:00"	6.237	197.8	4.053	7.561	1	201.7	6.238	1	57.81	54.98	2.834	0.303	54.82	26.573	0	0
"2010-10-08	05:00:00"	6.529	201.2	5.587	8.16	1.001	210.6	8.77	2.193	56.55	53.65	2.899	0.301	56.38	26.563	0	0
"2010-10-08	06:00:00"	6.141	199.4	5.322	8.75	1	204.8	9.34	1	55.77	52.71	3.056	0.3	57.71	26.564	0	0
"2010-10-08	07:00:00"	5.388	194.6	5.194	6.964	1	200.3	14.31	1	55.48	52.87	2.618	0.298	57.91	26.569	0	0
"2010-10-08	08:00:00"	5.209	197.4	5.279	7.561	1	211.8	9.36	1	54.99	52.9	2.091	0.298	59.47	26.573	1.9286	0
"2010-10-08	09:00:00"	4.991	213.3	8.67	6.964	1.077	221.6	9.16	5.175	55.33	54.35	0.981	0.303	61.65	26.585	100.11	0
"2010-10-08	10:00:00"	8.17	199.8	12.22	15.31	5.508	199.6	17.04	11.74	60.12	60.92	-0.799	0.313	56.73	26.599	305.22	0
"2010-10-08	11:00:00"	9.99	201.1	16.57	14.72	7.136	201.4	20.8	12.93	65.83	67.28	-1.454	0.313	49.75	26.607	507.17	0
"2010-10-08	12:00:00"	10.28	193.3	22.45	18.89	7.834	193	26.85	14.72	69.85	71.63	-1.777	0.308	38.37	26.602	674.27	0
"2010-10-08	13:00:00"	10.15	175.3	28.17	19.49	7.788	172.7	33.52	15.91	72.02	73.83	-1.81	0.309	33.57	26.592	784.03	0
"2010-10-08	14:00:00"	9.76	166.9	23.81	17.7	7.387	164.6	28.01	15.31	74.36	76.21	-1.847	0.308	27.83	26.57	830.72	0
"2010-10-08	15:00:00"	9.19	174	26.38	17.7	6.966	171.3	30.5	14.12	76.05	77.9	-1.858	0.308	22.83	26.541	791.21	0
"2010-10-08	16:00:00"	7.679	189.4	30.86	15.91	5.424	187.5	35.79	12.33	77.15	78.96	-1.804	0.308	22.25	26.519	714.91	0
"2010-10-08	17:00:00"	8.64	196.1	27.61	15.31	6.307	194.9	32.11	12.33	78.17	79.8	-1.633	0.309	20.42	26.505	566.3	0
"2010-10-08	18:00:00"	7.193	198	29.23	15.31	5.284	199.3	32.83	13.52	78.59	79.62	-1.029	0.309	20.29	26.498	371.97	0
"2010-10-08	19:00:00"	6.214	183.9	13.71	12.93	2.936	182.5	17.31	8.75	77.8	77.89	-0.089	0.309	21.71	26.496	163.48	0
"2010-10-08	20:00:00"	7.03	161.3	8.77	9.35	1.006	145.9	11.28	2.789	74.29	70.47	3.815	0.305	30.39	26.495	11.051	0
"2010-10-08	21:00:00"	9.65	134.9	8.14	13.52	3.365	127.3	12.4	8.75	69.23	65.9	3.334	0.306	33.74	26.503	0	0
"2010-10-08	22:00:00"	10.33	133.5	6.568	14.72	4.801	130.1	9.92	9.35	66.94	65.2	1.74	0.308	33.11	26.514	0	0
"2010-10-08	23:00:00"	10.44	127.7	8.7	14.72	5.578	124.6	12.14	9.95	64.32	62.92	1.407	0.311	36.19	26.518	0	0
"2010-10-09	00:00:00"	9.61	137.3	12.07	14.12	4.537	134.6	13.86	10.54	63.3	61.97	1.329	0.311	37.95	26.516	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-10-09	01:00:00"	9.58	165.7	14.45	14.72	6.009	163.1	18.6	10.54	62.06	60.95	1.101	0.311	43.21	26.515	0	0
"2010-10-09	02:00:00"	7.104	190.8	8.09	9.95	3.294	198	13.94	6.368	59.12	57.35	1.771	0.308	55.1	26.513	0	0
"2010-10-09	03:00:00"	7.813	204.8	7.57	9.95	4.32	210.6	11.23	6.964	58.96	57.08	1.878	0.308	60.96	26.509	0	0
"2010-10-09	04:00:00"	7.712	207.1	5.5	9.35	4.169	217	9.62	6.964	58.38	56.02	2.359	0.306	66.02	26.499	0	0
"2010-10-09	05:00:00"	7.815	213.5	6.763	10.54	4.456	220.2	10.57	7.561	57.72	55.8	1.924	0.308	68.37	26.488	0	0
"2010-10-09	06:00:00"	7.28	217.7	6.702	9.35	4.187	225.6	9.75	6.368	57.7	55.36	2.337	0.309	70.02	26.489	0	0
"2010-10-09	07:00:00"	7.945	232.3	7.286	11.14	4.927	238.4	9.25	7.561	57.71	55.07	2.635	0.308	70.41	26.498	0	0
"2010-10-09	08:00:00"	7.624	244.7	11.19	9.95	4.738	250.5	13.78	7.561	56.85	54.52	2.336	0.304	71.54	26.507	1.751	0
"2010-10-09	09:00:00"	8.13	262.4	7.53	11.14	5.536	265.8	11.29	9.35	56.19	55.77	0.42	0.306	69.88	26.52	93.444	0
"2010-10-09	10:00:00"	8.6	242.6	22.32	12.93	6.72	244.9	24.52	10.54	60.36	61.15	-0.789	0.313	60.79	26.533	292.86	0
"2010-10-09	11:00:00"	7.346	243.9	18.87	11.14	5.994	245.3	21.77	10.54	67.06	68.25	-1.185	0.312	48.11	26.532	494.61	0
"2010-10-09	12:00:00"	6.603	327.4	39.46	13.52	4.888	324.9	43.37	11.74	73.73	75.44	-1.711	0.309	34.15	26.532	661.57	0
"2010-10-09	13:00:00"	4.62	278.1	52.58	10.54	3.684	275.7	57.94	9.95	77.66	79	-1.342	0.312	27.08	26.518	778.19	0
"2010-10-09	14:00:00"	5.463	247.3	48.19	14.12	4.261	249.5	53.94	12.93	81	82.6	-1.587	0.314	21.18	26.498	823.9	0
"2010-10-09	15:00:00"	6.608	217.7	43.47	14.72	5.06	214.1	51.51	12.93	83.4	84.9	-1.589	0.313	18.74	26.472	777.79	0
"2010-10-09	16:00:00"	9.82	244.3	31.71	19.49	7.727	246.1	34.92	15.91	85.2	87	-1.828	0.312	12.45	26.445	714.73	0
"2010-10-09	17:00:00"	9.19	251.3	23.5	18.89	7.196	251.9	24.39	14.72	85.4	86.9	-1.436	0.312	10.78	26.433	566.3	0
"2010-10-09	18:00:00"	11.35	258.9	14.54	19.49	8.66	259.4	17.51	16.51	85.1	86.1	-0.957	0.312	10.04	26.423	373.89	0
"2010-10-09	19:00:00"	7.74	272.5	16.36	12.93	4.631	275	19.15	10.54	83.8	83.5	0.288	0.311	11.33	26.421	164.21	0
"2010-10-09	20:00:00"	7.29	299.4	8.81	8.75	1.644	309.5	13.76	5.175	81	75.7	5.342	0.306	16.43	26.427	10.642	0
"2010-10-09	21:00:00"	4.914	268	22.01	7.561	1.924	266.6	32.03	6.368	77.58	72.23	5.358	0.303	18.72	26.433	0	0
"2010-10-09	22:00:00"	5.268	298.7	34.2	7.561	2.986	331.7	36.28	5.175	77.31	70.14	7.165	0.304	20.62	26.433	0	0
"2010-10-09	23:00:00"	5.219	4.404	23.74	8.16	4.767	11.09	13.03	5.771	78.82	63.84	14.99	0.303	28.07	26.433	0	0
"2010-10-10	00:00:00"	6.289	289.8	30.72	9.95	3.261	293.3	31.45	6.368	67.77	61.38	6.385	0.307	31.71	26.442	0	0
"2010-10-10	01:00:00"	7.1	246.4	57.16	13.52	3.177	279.1	75.69	8.75	67.54	59.14	8.4	0.306	35.04	26.442	0	0
"2010-10-10	02:00:00"	7.141	189.6	12.94	12.93	2.861	195.6	21.09	8.75	61.95	60.07	1.873	0.312	51.61	26.436	0	0
"2010-10-10	03:00:00"	7.438	194.3	15.61	11.74	2.828	202.8	22.58	6.964	60.71	58.07	2.633	0.311	65.02	26.429	0	0
"2010-10-10	04:00:00"	6.544	205.5	6.428	8.75	3.396	216.3	8.91	5.175	60.3	57.49	2.811	0.311	72.74	26.42	0	0
"2010-10-10	05:00:00"	7.321	208.7	12.33	9.35	2.721	220.5	15.91	5.771	59.79	56.45	3.336	0.308	76.92	26.406	0	0
"2010-10-10	06:00:00"	7.232	242.3	15.56	9.35	3.995	252.2	16.19	5.771	58.84	55.43	3.415	0.307	77.9	26.402	0	0
"2010-10-10	07:00:00"	9.71	276.9	12.47	16.51	5.502	282.7	13.37	8.75	56.09	54.28	1.814	0.3	80.6	26.414	0	0
"2010-10-10	08:00:00"	6.985	252	27.94	21.87	3.371	261.4	30.25	12.33	56.45	53.91	2.542	0.299	81	26.419	1.8394	0
"2010-10-10	09:00:00"	7.717	305.2	7.4	11.14	3.103	307.6	12.21	7.561	54.89	53.78	1.107	0.3	79.87	26.424	101.73	0
"2010-10-10	10:00:00"	6.347	313.8	29.47	14.12	3.554	313	29.51	11.74	63.73	64.58	-0.849	0.316	48.07	26.424	309.11	0
"2010-10-10	11:00:00"	12.07	339.1	11.3	17.7	8.98	337	14	14.72	67.87	69.29	-1.426	0.31	31.04	26.427	444.56	0
"2010-10-10	12:00:00"	9.36	339.7	12.37	14.72	7.057	337.3	14.85	12.33	68.6	69.75	-1.151	0.307	31.12	26.42	334.81	0
"2010-10-10	13:00:00"	7.288	316.7	22.62	14.12	5.083	315.2	25.42	11.74	73.82	75.6	-1.777	0.308	25.99	26.402	705.94	0
"2010-10-10	14:00:00"	9.21	279.4	21.87	20.09	6.439	279.8	24.41	14.12	78.5	80.5	-2.026	0.311	19.85	26.379	773.12	0
"2010-10-10	15:00:00"	10.83	272.3	21	19.49	8.05	273.4	23.78	17.7	79.97	82.1	-2.164	0.312	17.4	26.353	771.52	0
"2010-10-10	16:00:00"	11.72	272.1	19.83	20.09	8.49	272.8	22.4	17.1	81	83	-2.036	0.311	15.27	26.33	707.51	0
"2010-10-10	17:00:00"	12.85	282.9	20.52	20.68	8.87	284.4	21.8	17.1	80.9	82.6	-1.731	0.311	15.7	26.321	557.7	0
"2010-10-10	18:00:00"	11.99	285	14.37	20.09	7.954	285.6	16.23	15.31	80.6	81.7	-1.049	0.309	16.24	26.317	352.18	0
"2010-10-10	19:00:00"	11.02	292	11.37	17.1	6.477	293.3	13.9	13.52	79.19	79.23	-0.041	0.308	17.73	26.32	154.08	0
"2010-10-10	20:00:00"	8.24	297	12.52	10.54	3.725	301.1	15.02	7.561	74.98	71.76	3.216	0.304	24.82	26.333	9.3335	0
"2010-10-10	21:00:00"	10.64	333.2	7.093	11.74	5.369	335.7	9.9	7.561	70.04	65.58	4.458	0.306	31.31	26.346	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-10	22:00:00"	10.65	349.6	7.895	13.52	6.203	348.7	10.81	9.35	66.68	64.14	2.545	0.308	32	26.356	0
"2010-10-10	23:00:00"	11.98	5.25	16.09	19.49	7.596	2.181	18.6	17.1	65.38	63.57	1.815	0.309	35.09	26.37	0
"2010-10-11	00:00:00"	11.72	25.26	6.592	16.51	7.862	23.51	13.43	13.52	62.1	61.18	0.927	0.31	49.36	26.386	0
"2010-10-11	01:00:00"	11.07	22.63	5.726	14.12	7.152	21.42	12.73	10.54	59.02	57.95	1.072	0.31	60.38	26.387	0
"2010-10-11	02:00:00"	9.14	32.29	10.68	11.74	5.334	35.83	17.26	8.16	56.43	54.91	1.523	0.305	67.58	26.391	0
"2010-10-11	03:00:00"	8.81	38.18	6.945	11.14	5.059	38.67	11.52	7.561	55.31	53.61	1.703	0.301	71.74	26.398	0
"2010-10-11	04:00:00"	9.02	31.94	6.197	11.14	5.312	31.74	11.82	8.16	54.32	52.89	1.426	0.297	74.05	26.403	0
"2010-10-11	05:00:00"	8.46	29.48	6.027	10.54	4.891	28.79	12.46	6.964	52.55	51.11	1.44	0.296	77.37	26.404	0
"2010-10-11	06:00:00"	8.84	34.72	7.273	11.74	5.258	35.14	12.03	8.16	52.04	50.68	1.362	0.295	79.71	26.404	0
"2010-10-11	07:00:00"	8.86	24.24	7.479	11.74	5.329	24.14	13.91	8.75	50.59	49.38	1.211	0.296	82.1	26.418	0
"2010-10-11	08:00:00"	8.66	15.66	8.96	11.74	5.114	16.35	15.52	8.75	49.76	48.38	1.38	0.296	84.3	26.43	1.492
"2010-10-11	09:00:00"	10.16	23.16	7.046	14.72	6.979	23.69	13.36	11.74	51.91	51.68	0.226	0.296	79.64	26.445	90.178
"2010-10-11	10:00:00"	10.83	34.81	10.98	15.31	8.18	35.18	15.01	13.52	57.95	58.95	-0.995	0.313	63.16	26.46	286.85
"2010-10-11	11:00:00"	9.62	49.89	13.9	14.12	7.49	49.32	16.99	14.12	64.85	66.57	-1.714	0.313	45.09	26.464	486.05
"2010-10-11	12:00:00"	7.916	86.5	23.77	12.93	6.242	86.7	26.51	11.74	70.01	71.74	-1.729	0.309	35	26.466	648.79
"2010-10-11	13:00:00"	6.072	125.9	44.7	12.93	5.007	127.1	46.71	10.54	72.71	74.17	-1.464	0.309	29.38	26.461	758.38
"2010-10-11	14:00:00"	5.833	122.4	72.08	15.31	4.93	121.5	74.31	12.33	74.16	75.7	-1.541	0.308	27.92	26.445	801.49
"2010-10-11	15:00:00"	6.33	218	57.76	16.51	5.144	214.5	63.73	12.93	75.48	77.25	-1.767	0.308	26.2	26.418	760.65
"2010-10-11	16:00:00"	6.796	191.6	53.75	13.52	5.487	193.9	60.35	11.74	76.57	78.29	-1.725	0.308	25.25	26.395	683.37
"2010-10-11	17:00:00"	5.717	163.4	73.09	14.72	4.497	156.5	72.13	14.72	77.29	78.65	-1.362	0.31	24.76	26.386	545.32
"2010-10-11	18:00:00"	4.749	242.9	69.56	12.33	3.321	239.8	68.02	10.54	77.72	78.69	-0.967	0.309	24.63	26.383	323.34
"2010-10-11	19:00:00"	3.701	138.2	38.79	8.16	1.429	134.5	36.39	6.368	76.99	76.83	0.154	0.307	26.79	26.389	84.035
"2010-10-11	20:00:00"	5.418	121.7	4.909	6.964	1	104.3	12.52	1	76.1	72.65	3.446	0.305	32.3	26.403	11.263
"2010-10-11	21:00:00"	7.536	98.2	7.26	9.35	3.015	70.64	8.49	4.578	72.62	65.89	6.731	0.304	40.51	26.421	0
"2010-10-11	22:00:00"	9.35	92.3	6.62	12.33	4.816	81.7	9.33	8.16	67.22	64.1	3.124	0.306	43.05	26.437	0
"2010-10-11	23:00:00"	8.92	90.3	4.235	10.54	4.808	80.2	8.77	6.964	63.18	61.19	1.994	0.309	49.59	26.45	0
"2010-10-12	00:00:00"	7.811	70.96	12.29	10.54	4.445	55.12	13.41	6.368	61.97	59.43	2.541	0.311	53.84	26.463	0
"2010-10-12	01:00:00"	7.49	53.91	6.017	10.54	4.484	48.21	8.07	7.561	60.41	58.22	2.187	0.309	56.62	26.48	0
"2010-10-12	02:00:00"	8.47	52.73	10.45	11.74	5.036	50.6	11.24	9.35	57.7	55.93	1.771	0.307	59.67	26.486	0
"2010-10-12	03:00:00"	7.993	51.13	5.538	9.95	4.581	48.58	8.44	6.964	54.59	52.25	2.333	0.299	67.59	26.488	0
"2010-10-12	04:00:00"	7.896	41.73	6.691	10.54	4.672	37.28	8.45	6.964	54.04	51.39	2.646	0.296	70.52	26.49	0
"2010-10-12	05:00:00"	8.11	31.93	7.439	10.54	4.881	33.11	12.31	8.16	52.56	50.82	1.738	0.295	73.27	26.487	0
"2010-10-12	06:00:00"	9.81	27.7	6.3	12.93	6.421	28.35	12.23	10.54	51.06	50.18	0.879	0.294	75.21	26.5	0
"2010-10-12	07:00:00"	9.1	31.04	6.761	13.52	5.811	33.55	11.93	10.54	50.52	49.59	0.931	0.295	76.78	26.519	0
"2010-10-12	08:00:00"	9.86	32.7	6.401	14.12	6.348	33.72	11.96	9.95	50.22	49.31	0.916	0.295	76.57	26.536	1.3135
"2010-10-12	09:00:00"	9.97	37.7	8.95	13.52	6.967	38.13	12.84	11.74	52.45	52.29	0.161	0.298	69.89	26.558	86.174
"2010-10-12	10:00:00"	10.19	61.96	13.03	14.72	7.61	60.97	14.96	11.74	60.22	61.17	-0.951	0.314	53.54	26.582	280.91
"2010-10-12	11:00:00"	11.57	77.13	10.89	16.51	8.66	76.3	14.13	14.12	66.54	68.17	-1.632	0.308	41.47	26.596	477.5
"2010-10-12	12:00:00"	12.06	85.7	12.56	17.7	9.12	84.7	15.01	15.31	70.75	72.82	-2.069	0.306	36	26.602	640.87
"2010-10-12	13:00:00"	10.64	88.3	18.94	17.7	8.05	87	22.15	14.12	73.39	75.78	-2.383	0.307	32.51	26.602	749.27
"2010-10-12	14:00:00"	8.06	92.9	30.62	14.12	6.054	91.9	35.42	12.33	74.83	77.11	-2.277	0.308	30.97	26.596	792.68
"2010-10-12	15:00:00"	6.906	67.97	37.81	14.72	5.21	67	41.28	12.93	75.76	77.85	-2.084	0.308	29.71	26.583	752.71
"2010-10-12	16:00:00"	7.384	100.4	39.84	17.7	5.769	101.5	43.07	13.52	76.96	78.89	-1.929	0.309	28.24	26.572	677.26
"2010-10-12	17:00:00"	8.27	89.3	30.19	16.51	6.244	87.6	33.4	14.12	77.48	79.35	-1.875	0.31	27.6	26.575	525.17
"2010-10-12	18:00:00"	10.46	80.4	14.78	17.1	7.676	79.12	17.05	15.91	77.4	78.83	-1.424	0.307	27.71	26.578	342.05

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-12	19:00:00"	9.61	69.18	10.47	14.12	6.522	69.04	13.22	11.74	75.88	76.05	-0.175	0.308	29.64	26.586	127.71	0	
"2010-10-12	20:00:00"	7.812	69.68	5.361	11.14	1.83	65.98	9.72	6.964	69.99	67.85	2.134	0.305	38.32	26.602	3.5558	0	
"2010-10-12	21:00:00"	9.74	61.2	6.241	12.93	4.145	58.95	10.63	9.35	65.35	63.48	1.869	0.309	44.09	26.622	0	0	
"2010-10-12	22:00:00"	9.46	67.34	6.197	12.33	5.538	64.25	10.63	8.75	63.34	61.76	1.578	0.309	45.6	26.638	0	0	
"2010-10-12	23:00:00"	8.6	53.51	8.81	11.74	4.647	49.01	11.24	8.16	60.06	57.93	2.129	0.309	52.13	26.657	0	0	
"2010-10-13	00:00:00"	9.13	50.83	6.987	12.33	5.292	48.9	10.55	8.16	59.08	57.6	1.475	0.308	51.33	26.669	0	0	
"2010-10-13	01:00:00"	8.99	39.99	9.48	11.74	5.173	38.29	13.68	8.16	56.32	54.92	1.397	0.303	55.75	26.677	0	0	
"2010-10-13	02:00:00"	8.78	34.26	5.923	11.14	4.977	33.08	11.53	7.561	54.86	53.46	1.396	0.3	56.47	26.683	0	0	
"2010-10-13	03:00:00"	10.04	42.46	7.043	15.31	6.247	42.39	10.94	11.14	55.4	54.36	1.032	0.3	54.82	26.694	0	0	
"2010-10-13	04:00:00"	10.83	42.78	8.24	14.72	7.12	42.33	11.91	11.14	55.61	55.03	0.577	0.301	56.37	26.708	0	0	
"2010-10-13	05:00:00"	8.88	47.09	8.42	12.33	5.723	46.83	11.34	9.95	54.13	53.48	0.642	0.297	63.88	26.713	0	0	
"2010-10-13	06:00:00"	8.55	35.51	6.631	11.14	5.515	36	11.3	8.75	52.77	52.27	0.501	0.295	68.51	26.728	0	0	
"2010-10-13	07:00:00"	9.32	43.83	6.671	12.33	5.797	44.93	10.38	8.75	51.63	50.81	0.824	0.295	74.68	26.741	0	0	
"2010-10-13	08:00:00"	10.22	32.25	8.83	13.52	6.662	32.07	14.21	10.54	50.5	49.86	0.639	0.296	79.62	26.766	0.97534	0	
"2010-10-13	09:00:00"	9.51	30.92	7.861	14.72	6.575	31.28	13.05	11.74	51.37	51.35	0.025	0.297	80.1	26.79	74.784	0	
"2010-10-13	10:00:00"	11.48	61.97	13.99	16.51	8.2	61.27	16.9	13.52	57.3	58.3	-0.995	0.31	69.24	26.809	276.35	0	
"2010-10-13	11:00:00"	13.02	74.89	11.05	19.49	9.56	74.58	14.38	15.91	61.86	63.47	-1.609	0.311	59.51	26.824	436.87	0	
"2010-10-13	12:00:00"	11.44	73.33	14.57	18.3	8.57	72.96	17.52	14.72	64.56	66.8	-2.246	0.312	53.5	26.824	601.13	0	
"2010-10-13	13:00:00"	10.59	76.31	18.75	17.1	8.04	75.45	20.54	14.72	66.44	68.66	-2.217	0.309	48.58	26.818	617.72	0	
"2010-10-13	14:00:00"	8.48	77.31	21.29	14.72	6.51	76.32	24.59	12.33	67.87	70.2	-2.34	0.308	44.48	26.803	768.71	0	
"2010-10-13	15:00:00"	6.716	79.3	37.98	13.52	5.228	79.01	39.18	11.74	69.75	71.78	-2.025	0.307	40.06	26.779	732.96	0	
"2010-10-13	16:00:00"	7.389	98.6	36.86	15.31	5.872	98	43.69	12.33	71.12	73.04	-1.921	0.305	38.13	26.755	602.51	0	
"2010-10-13	17:00:00"	6.703	83.7	27.54	12.33	4.98	82.6	29.13	10.54	71.22	72.49	-1.269	0.306	37.03	26.743	271.89	0	
"2010-10-13	18:00:00"	7.84	87.2	20.55	14.72	5.777	85.9	22.91	11.74	71.84	73.08	-1.246	0.304	36.79	26.733	280.37	0	
"2010-10-13	19:00:00"	7.208	95.7	18.56	14.72	5.121	94.5	21.08	11.74	70.89	71.14	-0.256	0.303	38.87	26.733	103.6	0	
"2010-10-13	20:00:00"	7.434	95.6	4.518	8.75	1.383	90.2	8.1	5.771	66.91	64.87	2.041	0.306	49.3	26.742	5.4573	0	
"2010-10-13	21:00:00"	8.31	89.1	6.194	9.95	1.976	80.9	11.07	5.771	62.72	59.96	2.761	0.308	58.33	26.755	0	0	
"2010-10-13	22:00:00"	8.52	90.7	3.719	9.95	3.401	80.5	8.24	5.771	60	57.14	2.865	0.311	63.52	26.765	0	0	
"2010-10-13	23:00:00"	9.35	98.3	3.508	11.14	4.16	83.1	8.63	5.771	59.32	55.35	3.973	0.31	66.41	26.777	0	0	
"2010-10-14	00:00:00"	9.35	100.8	3.953	10.54	4.2	85.8	7.734	5.771	58.28	54.55	3.733	0.311	67.45	26.781	0	0	
"2010-10-14	01:00:00"	9.1	103.1	3.961	10.54	3.038	87.4	7.862	5.771	57.05	53.84	3.212	0.308	68.55	26.78	0	0	
"2010-10-14	02:00:00"	8.23	91.9	6.306	10.54	1.649	72.51	10.66	5.771	55	51.59	3.405	0.304	73.59	26.782	0	0	
"2010-10-14	03:00:00"	8.65	88.8	5.894	10.54	1.222	72.82	9.54	5.175	53.46	50.26	3.203	0.299	76.54	26.78	0	0	
"2010-10-14	04:00:00"	8.05	73.81	3.84	9.35	2.321	55.17	6.476	5.175	51.63	48.24	3.388	0.296	80.3	26.778	0	0	
"2010-10-14	05:00:00"	8.01	94.5	7.269	9.95	1.869	67.42	8.47	5.175	52.52	48.32	4.196	0.296	78.96	26.771	0	0	
"2010-10-14	06:00:00"	6.3	94.1	11.1	8.16	1.267	54.82	15.24	4.578	52.02	48.39	3.635	0.295	77.14	26.776	0	0	
"2010-10-14	07:00:00"	5.737	74.82	7.775	7.561	1	38.34	18.1	1	51.24	47.07	4.174	0.293	78.37	26.786	0	0	
"2010-10-14	08:00:00"	5.556	63.84	8.22	6.964	1	27.57	3.767	1	51.09	45.48	5.612	0.291	80.6	26.795	1.1	0	
"2010-10-14	09:00:00"	4.473	64.43	13.48	6.368	1	29.66	14.85	1	50.67	47.18	3.486	0.295	79.11	26.802	79.837	0	
"2010-10-14	10:00:00"	8.48	144	31.32	14.72	5.749	140.4	34.77	12.33	56.44	57.06	-0.616	0.309	52.39	26.814	272.87	0	
"2010-10-14	11:00:00"	11.59	165.4	11.25	16.51	9.04	163	14.13	14.12	61.97	63.17	-1.195	0.311	37.75	26.814	469.23	0	
"2010-10-14	12:00:00"	11.41	177	14.31	17.7	8.97	174.1	17.73	14.72	65.1	66.9	-1.8	0.31	37.11	26.797	632.16	0	
"2010-10-14	13:00:00"	11	201.4	18.09	20.09	8.07	201.4	22.8	14.72	68.13	70.42	-2.287	0.31	37.18	26.776	741.56	0	
"2010-10-14	14:00:00"	10.92	205.7	17.98	17.7	8.35	206.5	22.43	15.31	70.75	73.21	-2.462	0.304	35.17	26.746	784.61	0	
"2010-10-14	15:00:00"	10.06	203.9	24.74	17.1	7.989	202.6	29.62	14.12	73.02	75.26	-2.249	0.307	33.31	26.708	743.49	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-14	16:00:00"	8.96	216.4	27.04	15.91	7.074	216.6	32	14.12	74.63	76.71	-2.077	0.306	31.4	26.677	667.5	0
"2010-10-14	17:00:00"	8.4	210.3	22.42	18.3	6.435	211.3	27.55	14.12	75.88	77.57	-1.692	0.307	29.89	26.656	518.5	0
"2010-10-14	18:00:00"	7.626	207.9	30.89	14.72	5.901	208.8	34.77	13.52	76.36	77.47	-1.109	0.307	29.51	26.642	328.07	0
"2010-10-14	19:00:00"	7.591	184.9	15.15	11.74	5.36	181.7	19.93	9.35	75.75	75.89	-0.145	0.306	30.7	26.628	127.13	0
"2010-10-14	20:00:00"	7.458	165.9	4.725	9.95	2.22	158.6	8.41	6.368	71.1	68.41	2.694	0.303	39.58	26.626	5.3868	0
"2010-10-14	21:00:00"	7.583	162.7	4.509	9.35	1.206	159.3	8.64	4.578	66.81	63.88	2.931	0.303	45.65	26.632	0	0
"2010-10-14	22:00:00"	7.514	161.3	5.732	9.95	1.92	157.9	9.99	5.175	64.63	62.07	2.563	0.307	47.74	26.639	0	0
"2010-10-14	23:00:00"	7.355	179.3	12.17	12.33	2.744	183.5	15.74	8.16	62.29	60.15	2.134	0.307	50.71	26.642	0	0
"2010-10-15	00:00:00"	6.052	185.9	11.77	12.93	4.368	186.6	17.82	8.75	60.26	58.73	1.534	0.311	52.74	26.64	0	0
"2010-10-15	01:00:00"	6.622	202.9	7.452	8.75	2.148	211.1	13.69	5.175	59.26	56.3	2.953	0.31	57.09	26.633	0	0
"2010-10-15	02:00:00"	6.518	222.4	8.96	9.35	2.371	231.2	16.17	5.771	59.53	56.05	3.478	0.31	57.23	26.625	0	0
"2010-10-15	03:00:00"	7.06	213.4	9.04	9.35	1.29	223	12.79	5.175	58.48	55.3	3.174	0.308	57.85	26.623	0	0
"2010-10-15	04:00:00"	6.903	219.1	6.457	9.35	3.383	227.8	8.82	5.771	57.56	54.43	3.127	0.306	59.24	26.622	0	0
"2010-10-15	05:00:00"	6.328	222.6	5.139	7.561	3.271	234.4	6.013	4.578	57.04	53.84	3.202	0.305	60.24	26.611	0	0
"2010-10-15	06:00:00"	5.055	211.3	9.14	6.368	1.691	207	17.33	3.982	56.02	53.25	2.771	0.303	61.49	26.603	0	0
"2010-10-15	07:00:00"	4.996	196.6	7.018	6.368	1	196.3	10.86	1	55	52.7	2.302	0.3	62.85	26.607	0	0
"2010-10-15	08:00:00"	4.852	197.8	6.98	6.368	1	186.7	13.78	1	54.72	52.38	2.341	0.301	63.9	26.616	1.0931	0
"2010-10-15	09:00:00"	4.92	196.2	8.66	5.771	1	196.6	13.88	1	55.42	54	1.427	0.306	61.97	26.624	85.275	0
"2010-10-15	10:00:00"	4.911	203.6	17.37	10.54	2.62	202.6	23.03	8.75	61.59	62.13	-0.536	0.312	49.64	26.635	283.35	0
"2010-10-15	11:00:00"	8.3	218.4	12.81	13.52	6.437	222.1	16.6	11.74	70.27	71.44	-1.174	0.308	35.45	26.634	483.24	0
"2010-10-15	12:00:00"	10.45	205.5	17.3	18.3	7.92	205.4	21.59	14.72	74.9	76.69	-1.783	0.308	26.93	26.623	648.9	0
"2010-10-15	13:00:00"	11.04	181.1	21.7	19.49	8.44	179.3	25.25	16.51	77.05	78.99	-1.943	0.309	21.46	26.609	757.51	0
"2010-10-15	14:00:00"	9.21	199.5	33.59	16.51	7.207	196.6	37.49	15.31	77.73	79.68	-1.95	0.31	21.12	26.59	800.91	0
"2010-10-15	15:00:00"	7.679	184.4	43.09	15.91	6.047	185	47.6	13.52	78.4	80.2	-1.81	0.309	20.26	26.559	758.41	0
"2010-10-15	16:00:00"	7.606	217.3	33.64	14.72	6.113	214.4	39.6	12.33	78.9	80.4	-1.524	0.309	19.41	26.532	639.89	0
"2010-10-15	17:00:00"	8.56	196.5	22.79	14.72	6.532	198.2	28.98	12.93	78.56	79.75	-1.195	0.308	19.6	26.522	355.43	0
"2010-10-15	18:00:00"	10.17	173.8	14.65	15.91	7.493	170.9	17.51	12.33	77.88	78.49	-0.604	0.308	19.8	26.515	201.54	0
"2010-10-15	19:00:00"	8.33	183.6	12.61	13.52	5.56	181.4	15.87	10.54	76.56	76.17	0.39	0.306	21.11	26.519	112.17	0
"2010-10-15	20:00:00"	6.161	182	9.33	9.95	1	170.3	14.35	1	72.8	69.66	3.142	0.305	26.82	26.529	2.9724	0
"2010-10-15	21:00:00"	8.08	158.3	5.642	9.35	1	144.2	7.957	1	68.99	64.81	4.187	0.305	32.14	26.54	0	0
"2010-10-15	22:00:00"	7.898	148.2	5.079	9.95	1	135.8	9.85	1	68.32	63.57	4.753	0.305	31.61	26.547	0	0
"2010-10-15	23:00:00"	9.19	155.9	5.441	11.74	4.141	151	8.25	6.964	64.97	62	2.966	0.307	34.3	26.555	0	0
"2010-10-16	00:00:00"	9.56	161.2	5.249	12.93	5.019	156.4	8.38	8.75	63.01	60.7	2.31	0.308	36.55	26.556	0	0
"2010-10-16	01:00:00"	9.84	168	6.244	13.52	5.719	165.3	9.86	9.35	61.21	59.7	1.515	0.308	38.79	26.549	0	0
"2010-10-16	02:00:00"	8.43	181	8.06	13.52	4.715	177.7	11.81	9.35	59.06	57.32	1.745	0.307	43.44	26.546	0	0
"2010-10-16	03:00:00"	7.625	190.3	8.18	11.74	3.828	197.5	13.14	7.561	57.53	55.3	2.238	0.305	48.64	26.544	0	0
"2010-10-16	04:00:00"	7.843	186.4	7.375	10.54	3.931	191.7	12.6	7.561	57.17	54.58	2.587	0.303	52.64	26.537	0	0
"2010-10-16	05:00:00"	7.079	180.6	5.898	9.95	3.31	183.6	9.52	6.368	57.42	54.96	2.455	0.304	55.54	26.524	0	0
"2010-10-16	06:00:00"	5.801	181.9	4.825	8.16	1.495	185.9	8.12	4.578	57.81	55.03	2.78	0.304	57.13	26.526	0	0
"2010-10-16	07:00:00"	6.436	188.3	6.083	8.16	1	195	11.08	1	57.88	54.72	3.161	0.304	58.87	26.533	0	0
"2010-10-16	08:00:00"	5.858	201.4	6.042	7.561	1	212.9	9.76	1	57.03	54.42	2.603	0.304	59.84	26.534	0.80252	0
"2010-10-16	09:00:00"	6.029	221.9	15.02	10.54	2.577	227.2	16.22	8.16	56.51	55.42	1.099	0.306	58.95	26.546	70.264	0
"2010-10-16	10:00:00"	5.846	204	23.13	11.74	4.039	202.4	29.44	8.75	58.74	59.08	-0.336	0.308	52.99	26.56	205.15	0
"2010-10-16	11:00:00"	8.16	180.3	17.27	12.93	6.414	176.9	21.25	11.14	65.57	66.64	-1.073	0.31	41.45	26.566	453.01	0
"2010-10-16	12:00:00"	9.67	166.6	14.25	14.12	7.612	163.7	17.14	12.33	71.97	73.46	-1.489	0.306	32.8	26.561	627.84	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-16	13:00:00"	9.55	171.8	17.61	15.31	7.538	169.6	21.2	12.93	76.5	78.31	-1.813	0.309	26.53	26.549	733.34	0	
"2010-10-16	14:00:00"	9.51	180.6	25.65	18.3	7.545	180.2	29.63	15.31	78.23	80.1	-1.903	0.308	23.45	26.534	737.06	0	
"2010-10-16	15:00:00"	10.71	185.2	13.01	18.3	8.05	183.4	16.49	14.12	78.63	80.1	-1.44	0.308	23.81	26.511	421.5	0	
"2010-10-16	16:00:00"	10.45	181.7	18.42	17.7	7.982	180.1	23.04	14.12	79.7	81.5	-1.755	0.31	22.54	26.491	577.29	0	
"2010-10-16	17:00:00"	9.07	181.2	26.05	16.51	7.003	179.5	30.44	14.72	80.1	81.8	-1.627	0.309	22.06	26.484	511.15	0	
"2010-10-16	18:00:00"	8.42	176.2	22.52	17.1	6.351	173.6	25.86	14.12	80.3	81.2	-0.952	0.309	22.31	26.483	315.41	0	
"2010-10-16	19:00:00"	8.68	171.3	8.67	14.12	6.06	167.7	12.01	11.74	79.25	79.16	0.091	0.307	23.96	26.485	119.64	0	
"2010-10-16	20:00:00"	8.78	149.7	6.936	12.33	4.54	143	9.49	8.75	73.96	71.63	2.333	0.304	32.2	26.496	4.6903	0	
"2010-10-16	21:00:00"	10.44	144.8	6.522	14.12	6.315	140.9	8.77	9.95	70.36	68.93	1.43	0.304	34.4	26.51	0	0	
"2010-10-16	22:00:00"	11.04	148.7	7.718	15.91	7.112	145.3	9.63	12.33	68.07	66.97	1.094	0.308	36.59	26.519	0	0	
"2010-10-16	23:00:00"	9.52	157.7	7.136	12.33	5.507	154.7	9.33	8.75	64.87	63.44	1.425	0.309	41.16	26.532	0	0	
"2010-10-17	00:00:00"	9.23	165.9	6.035	13.52	5.187	163.3	9.72	8.16	62.97	61.66	1.311	0.311	44.2	26.537	0	0	
"2010-10-17	01:00:00"	8.83	174	5.771	11.74	4.582	172.1	10.24	7.561	61.44	59.53	1.911	0.31	48.64	26.532	0	0	
"2010-10-17	02:00:00"	10.94	179	6.875	15.91	6.935	176.2	10.93	10.54	61.56	60.41	1.147	0.312	46.89	26.525	0	0	
"2010-10-17	03:00:00"	9.42	182.9	9.12	14.72	5.971	183.6	14.49	11.14	60.47	59.5	0.968	0.311	48.19	26.524	0	0	
"2010-10-17	04:00:00"	8.55	191.7	9.53	14.72	4.898	201.1	14.71	9.35	59.01	57.42	1.591	0.309	51.96	26.518	0	0	
"2010-10-17	05:00:00"	8.89	187.9	8.76	12.33	5.159	193.9	13.41	8.75	59.05	57.42	1.631	0.309	51.85	26.509	0	0	
"2010-10-17	06:00:00"	7.431	192.7	9.26	11.14	3.76	202.3	17.53	8.16	58.45	56.59	1.86	0.307	53.34	26.513	0	0	
"2010-10-17	07:00:00"	4.602	173	27.77	6.964	1	164.6	51.31	1.596	57.91	55.71	2.205	0.303	55.08	26.523	0	0	
"2010-10-17	08:00:00"	5.83	69.1	28.85	7.561	1	37.03	19.3	1	55.67	50.34	5.335	0.301	65.94	26.525	0.58046	0	
"2010-10-17	09:00:00"	5.893	33.16	10.53	8.75	1.484	26.09	14.03	5.771	52.65	50.86	1.787	0.298	66.67	26.532	74.058	0	
"2010-10-17	10:00:00"	3.93	75.44	26.46	6.368	1.469	72.66	28.08	4.578	58.6	59.07	-0.464	0.312	53.98	26.548	194.48	0	
"2010-10-17	11:00:00"	6.442	180.3	20.32	10.54	3.978	178	24.86	9.35	64.94	66.06	-1.12	0.312	43	26.551	450.88	0	
"2010-10-17	12:00:00"	5.766	197.4	25.06	9.95	3.801	195.8	31.85	8.75	69.32	70.86	-1.545	0.308	37.03	26.541	623.15	0	
"2010-10-17	13:00:00"	6.155	221	28.83	12.33	4.691	223.7	34.27	9.95	73.79	75.3	-1.507	0.308	33.67	26.524	724.9	0	
"2010-10-17	14:00:00"	6.391	225.3	29.01	13.52	4.999	226.7	36.98	11.14	77.3	79.02	-1.717	0.311	29.22	26.494	767.81	0	
"2010-10-17	15:00:00"	6.944	218.5	30.22	14.72	5.419	220.2	38.54	12.93	80.6	82.3	-1.703	0.312	24.7	26.456	726.98	0	
"2010-10-17	16:00:00"	6.94	224.3	33.89	14.72	5.132	222.6	41.12	12.33	81.7	83.1	-1.352	0.311	23.24	26.427	457.07	0	
"2010-10-17	17:00:00"	8.98	206.2	20.48	17.7	6.721	205.5	26.46	15.31	82.5	84	-1.537	0.311	21.81	26.413	437.48	0	
"2010-10-17	18:00:00"	7.718	209.8	28.89	12.93	5.856	208.3	33.25	10.54	82.4	83.1	-0.726	0.31	21.92	26.4	251.08	0	
"2010-10-17	19:00:00"	6.73	159	18.81	12.93	4.543	155.8	19.15	9.35	81.1	81	0.058	0.308	24.47	26.397	103.13	0	
"2010-10-17	20:00:00"	8.54	142	8.65	11.74	2.925	136.9	9.97	6.964	77.02	74.22	2.798	0.306	30.99	26.402	3.625	0	
"2010-10-17	21:00:00"	8.55	150	9.9	11.14	1.926	141.2	11.25	6.964	74.01	70.46	3.55	0.305	35.27	26.418	0	0	
"2010-10-17	22:00:00"	9.49	164.3	6.359	12.93	5.693	160.2	9.18	9.35	68.26	67.24	1.022	0.306	40.56	26.425	0	0	
"2010-10-17	23:00:00"	7.498	185.1	20.97	10.54	2.309	187	26.95	5.771	64.1	62.59	1.51	0.307	49.6	26.442	0	0	
"2010-10-18	00:00:00"	7.588	178.4	12.41	11.14	2.322	176.6	24.36	7.561	63.68	61.23	2.455	0.308	56.66	26.449	0	0	
"2010-10-18	01:00:00"	8.03	182.1	9.29	11.74	2.857	181.1	16.1	8.16	62.29	60.51	1.771	0.311	61.33	26.447	0	0	
"2010-10-18	02:00:00"	7.111	184.4	7.3	10.54	1.026	181.4	11.57	5.771	60.86	58.81	2.05	0.308	66.34	26.435	0	0	
"2010-10-18	03:00:00"	6.922	185.3	8.67	9.95	1.077	185.5	20.37	4.578	59.79	57.24	2.548	0.312	70.61	26.426	0	0	
"2010-10-18	04:00:00"	6.439	187.5	11.13	8.75	1.014	187.6	20.85	3.982	59.22	56.83	2.395	0.312	72.74	26.414	0	0	
"2010-10-18	05:00:00"	6.577	192.3	7.11	8.16	1	199.9	12.3	1	58.97	56.43	2.538	0.311	74.71	26.401	0	0	
"2010-10-18	06:00:00"	6.149	183.9	9.2	9.95	1	186.2	14.22	1	59.21	57.75	1.46	0.31	73.49	26.397	0	0	
"2010-10-18	07:00:00"	6.57	212.6	16.84	8.75	1	222	19.35	1	58.75	56.79	1.96	0.311	75.59	26.404	0	0	
"2010-10-18	08:00:00"	6.378	269.9	15.48	8.75	1	283.9	24.68	1.596	57.7	54.54	3.16	0.306	79.6	26.411	0.76582	0	
"2010-10-18	09:00:00"	6.618	287.8	9.82	9.95	1.521	300.2	11.29	6.368	56.18	53.38	2.803	0.301	81.8	26.42	32.05	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-18	10:00:00"	5.292	246.8	24.55	7.561	2.424	252	28.16	6.368	59.79	59.91	-0.122	0.31	70.8	26.432	144.97	0	
"2010-10-18	11:00:00"	6.293	215.9	13.12	11.74	3.567	218	18.15	10.54	62.82	63.72	-0.898	0.313	63.35	26.436	310.28	0	
"2010-10-18	12:00:00"	5.869	214.2	22.68	11.74	3.427	215.5	30.23	9.95	67.58	68.68	-1.095	0.31	53.5	26.432	454.58	0	
"2010-10-18	13:00:00"	5.145	238	29.12	10.54	3.274	237.2	32.45	9.95	73.02	74.28	-1.261	0.308	41.88	26.422	578.16	0	
"2010-10-18	14:00:00"	4.663	247.2	51.03	10.54	3.359	245.6	61.79	9.35	78.13	79.62	-1.492	0.314	34.07	26.397	794.19	0	
"2010-10-18	15:00:00"	5.804	234.5	60	12.93	4.132	230.7	63.74	11.74	82	83.4	-1.455	0.313	25.48	26.362	641.35	0	
"2010-10-18	16:00:00"	6.436	27.15	57.16	10.54	4.748	25.11	59.07	8.75	82.1	83	-0.906	0.31	22.72	26.336	244.91	0	
"2010-10-18	17:00:00"	9.05	116.8	50.88	17.7	6.977	114.4	50.66	14.12	81.7	82.5	-0.804	0.309	24.74	26.326	245.59	0	
"2010-10-18	18:00:00"	10.84	161.9	21.38	21.28	8.08	158.6	23.38	17.1	81.6	82.1	-0.481	0.309	23.85	26.318	229.58	0	
"2010-10-18	19:00:00"	6.675	176	13.86	14.12	3.942	174.9	22.25	11.14	78.51	77.3	1.206	0.305	29.14	26.327	43.698	0	
"2010-10-18	20:00:00"	4.075	190.6	11.62	6.368	1.648	186	33.31	4.578	76.19	72.74	3.447	0.305	33.68	26.34	1.958	0	
"2010-10-18	21:00:00"	1.072	179.4	21.47	3.386	1.145	122.2	40.61	3.386	75.81	72.2	3.606	0.304	33.22	26.354	0	0	
"2010-10-18	22:00:00"	8.27	66.67	52.12	17.1	6.069	49.47	38.14	12.93	69.45	64.84	4.612	0.306	45.21	26.373	0	0	
"2010-10-18	23:00:00"	10.88	50.67	12.99	15.31	7.253	50.16	14.84	11.74	61.63	60.7	0.929	0.312	63.81	26.396	0	0	
"2010-10-19	00:00:00"	11.57	42.26	9.59	15.91	7.919	41.69	13.24	13.52	58.73	58.05	0.678	0.311	68.55	26.409	0	0	
"2010-10-19	01:00:00"	11.32	37.83	8.02	15.31	7.782	37.66	12.18	12.93	56.98	56.34	0.637	0.309	73.22	26.404	0	0	
"2010-10-19	02:00:00"	10.65	40.29	7.334	14.12	7.363	40.89	10.99	11.74	56.63	55.99	0.645	0.305	78.73	26.406	0	0	
"2010-10-19	03:00:00"	9.69	37.82	7.953	13.52	6.591	38.12	11.87	10.54	54.9	54.28	0.626	0.299	81.6	26.41	0	0	
"2010-10-19	04:00:00"	9.31	25.05	6.711	12.33	6.145	24.6	13.07	9.35	52.87	52.15	0.715	0.296	85.6	26.412	0	0	
"2010-10-19	05:00:00"	9.03	28.65	6.729	13.52	5.976	29.36	12.13	8.75	52	51.3	0.7	0.296	86.5	26.411	0	0	
"2010-10-19	06:00:00"	10.91	20.36	6.593	15.31	7.362	19.81	14.59	11.74	50.77	50.2	0.573	0.296	84.7	26.419	0	0	
"2010-10-19	07:00:00"	12.29	22.11	6.631	18.89	8.42	21.45	14.11	13.52	50.13	49.68	0.447	0.296	83.1	26.441	0	0	
"2010-10-19	08:00:00"	12.49	25.97	6.69	17.1	8.82	26.04	12.66	15.91	49.73	49.34	0.392	0.296	81.3	26.452	0.54778	0	
"2010-10-19	09:00:00"	12.64	25.73	7.083	18.89	9.09	25.94	13.31	14.72	49.28	49.18	0.097	0.295	77.84	26.47	53.398	0	
"2010-10-19	10:00:00"	14.52	27.91	7.959	20.68	10.76	28.23	14.49	17.1	54.22	55.24	-1.019	0.306	66.22	26.488	288.31	0	
"2010-10-19	11:00:00"	11.93	34.73	11.48	17.7	9.07	34.61	16.46	15.31	59.24	60.84	-1.596	0.314	58.82	26.503	419.08	0	
"2010-10-19	12:00:00"	6.681	36.23	24.65	12.93	5.144	33.36	28.39	12.33	62.63	64.4	-1.768	0.313	55.96	26.508	535.64	0	
"2010-10-19	13:00:00"	6.686	28.22	26.13	13.52	5.11	25.84	32.28	11.74	67.23	69.52	-2.289	0.31	50.88	26.494	730.04	0	
"2010-10-19	14:00:00"	7.452	43.51	31.44	14.12	5.768	44.55	36.7	12.33	70.62	73.06	-2.445	0.307	46.86	26.473	756.97	0	
"2010-10-19	15:00:00"	6.8	55.03	26.55	14.12	5.246	55.16	32.65	11.14	72.69	74.84	-2.152	0.307	43.43	26.452	636.08	0	
"2010-10-19	16:00:00"	8.39	54.24	29.32	18.3	6.46	52.19	32.86	15.31	74.83	77.1	-2.262	0.307	39.47	26.434	627.69	0	
"2010-10-19	17:00:00"	8.23	63.47	23.11	17.7	6.274	63.27	25.33	15.31	75.47	77.47	-2.001	0.309	38.26	26.428	479.6	0	
"2010-10-19	18:00:00"	8.02	88.7	20.1	14.12	6.008	88.7	21.86	12.33	75.47	76.78	-1.308	0.308	38.72	26.428	293.72	0	
"2010-10-19	19:00:00"	7.22	86.3	10.59	10.54	4.981	84.4	13.89	8.75	74.22	74.44	-0.227	0.305	43.73	26.431	99.786	0	
"2010-10-19	20:00:00"	7.43	72.28	8.99	9.35	1.994	66.99	11.39	5.175	69.23	66.68	2.553	0.303	58.53	26.447	2.5441	0	
"2010-10-19	21:00:00"	8.16	66.6	4.249	9.35	1.122	62.85	8.33	4.578	64.84	62.07	2.764	0.306	67.34	26.463	0	0	
"2010-10-19	22:00:00"	8.61	68.91	7.584	11.74	3.658	65.14	10.68	8.75	61.99	59.84	2.156	0.311	73.37	26.474	0	0	
"2010-10-19	23:00:00"	9.84	86.6	6.458	13.52	6.291	84.1	9.79	9.95	61.9	61.18	0.725	0.309	75.44	26.49	0	0	
"2010-10-20	00:00:00"	9.68	90.7	6.82	12.33	6.125	87.5	9.16	9.95	60.52	59.77	0.755	0.303	79.3	26.498	0	0	
"2010-10-20	01:00:00"	8.73	83.5	6.496	11.14	5.202	78.99	9.71	8.75	58.47	57.58	0.889	0.297	84	26.498	0	0	
"2010-10-20	02:00:00"	9.15	74.69	8.59	12.33	5.612	71.44	11.3	8.75	56.41	55.53	0.881	0.292	87.6	26.499	0	0	
"2010-10-20	03:00:00"	8.91	81.8	10.77	12.93	5.492	77.88	12.95	9.35	56.56	55.79	0.769	0.293	87	26.504	0	0	
"2010-10-20	04:00:00"	7.995	60.69	6.445	10.54	4.69	56.22	9.52	6.964	54.38	53.28	1.096	0.293	89.7	26.503	0	0	
"2010-10-20	05:00:00"	8.55	53.62	6.914	11.14	5.285	51.07	9.53	7.561	53.75	52.84	0.905	0.297	90.5	26.496	0	0	
"2010-10-20	06:00:00"	9.07	46.68	7.007	12.33	5.939	46.7	10.05	9.95	53.5	52.88	0.611	0.296	90.7	26.503	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-20	07:00:00"	8.93	55.33	7.61	11.14	5.773	54.48	10.3	8.75	53.11	52.5	0.614	0.293	89.3	26.509	0
"2010-10-20	08:00:00"	9.27	49.86	7.589	11.74	5.006	49.48	10.29	9.95	53.01	52.45	0.559	0.294	88.4	26.518	0.61982
"2010-10-20	09:00:00"	9.3	49.82	8.21	11.74	1.053	49.57	10.98	5.771	53.11	52.98	0.122	0.293	87.3	26.527	67.482
"2010-10-20	10:00:00"	10.86	81.5	12.3	15.91	7.575	79.39	14.7	12.93	57.95	58.83	-0.877	0.302	78.73	26.549	245.08
"2010-10-20	11:00:00"	10.62	108.5	14.1	15.31	8.04	106.6	16.73	12.33	63.42	64.79	-1.367	0.309	70.29	26.561	401.28
"2010-10-20	12:00:00"	10.11	116.4	14.94	15.31	7.757	115	18.08	13.52	68.81	70.65	-1.841	0.305	62.36	26.563	556.77
"2010-10-20	13:00:00"	9.72	137.7	21.38	18.3	7.538	135.6	23.21	14.72	71.27	72.89	-1.616	0.302	59.19	26.554	553.77
"2010-10-20	14:00:00"	9	128.2	16.71	15.31	6.816	126	20.67	12.93	72.54	74.15	-1.615	0.302	56.21	26.534	445.04
"2010-10-20	15:00:00"	11.51	133.5	14.17	20.68	8.68	132.2	16.4	17.1	74.18	75.38	-1.201	0.304	51.44	26.508	280.22
"2010-10-20	16:00:00"	11.97	136.4	16.4	18.89	8.97	134.6	17.76	15.31	75.33	76.34	-1.007	0.305	47.92	26.48	264.5
"2010-10-20	17:00:00"	14.76	139.6	16.13	29.03	11.14	137.8	17.7	25.45	76.58	78.14	-1.565	0.307	44.54	26.463	458.96
"2010-10-20	18:00:00"	15.59	146.5	12.02	27.24	11.66	145	13.58	20.09	76.3	77.33	-1.024	0.307	42.15	26.457	290.55
"2010-10-20	19:00:00"	13.72	135.6	10.54	20.68	9.86	134.2	13.02	17.7	75.31	75.55	-0.239	0.306	46.52	26.454	100.66
"2010-10-20	20:00:00"	8.67	115.3	12.75	16.51	5.063	110.9	16.44	12.33	71.81	70.79	1.021	0.303	55.88	26.454	1.7712
"2010-10-20	21:00:00"	8.77	92.3	6.328	14.12	2.521	85.6	8.92	9.35	67.43	65.78	1.653	0.302	66.7	26.464	0
"2010-10-20	22:00:00"	10.29	88.6	6.569	14.12	6.881	86.7	9.43	11.74	65.9	65.3	0.598	0.303	72.39	26.476	0
"2010-10-20	23:00:00"	10.6	91.1	7.795	15.31	7.219	88.7	10.13	12.33	65.23	64.83	0.395	0.305	76.28	26.486	0
"2010-10-21	00:00:00"	10.91	96.2	6.72	15.91	7.554	93	9.14	12.33	64.26	63.88	0.38	0.304	78.35	26.48	0
"2010-10-21	01:00:00"	7.636	98.5	8.22	11.14	4.768	91	11.23	8.16	62.89	62.37	0.51	0.303	81.6	26.476	0
"2010-10-21	02:00:00"	6.882	98.1	9.73	9.35	2.669	88.4	14.86	6.368	61.57	60.7	0.876	0.3	84.6	26.465	0
"2010-10-21	03:00:00"	5.284	58.42	52.12	10.54	1.704	32.65	54.56	6.964	61.3	60.51	0.788	0.3	84.9	26.469	0
"2010-10-21	04:00:00"	8.26	8.58	29.92	11.74	5.668	8.45	32.48	9.95	62.3	62.28	0.019	0.303	81.3	26.465	0
"2010-10-21	05:00:00"	8.98	65.31	12.19	13.52	6.182	65.83	14.6	11.14	62.5	62.41	0.085	0.303	80.6	26.431	0
"2010-10-21	06:00:00"	11.22	86.3	7.449	16.51	7.827	84.8	10.64	12.93	62.59	62.42	0.172	0.305	79.09	26.416	0
"2010-10-21	07:00:00"	12.01	99.4	8.08	18.89	8.67	97.3	10.81	14.72	61.75	61.7	0.052	0.302	80.8	26.405	0
"2010-10-21	08:00:00"	12.42	106	9.62	19.49	9.05	103.6	12.62	15.91	61.85	61.91	-0.067	0.3	81.6	26.393	0.15024
"2010-10-21	09:00:00"	11.91	128.4	13.17	19.49	8.21	127.5	14.93	15.91	62.55	62.66	-0.11	0.303	81.6	26.404	10.516
"2010-10-21	10:00:00"	11.53	148.8	10	16.51	8.43	146.5	11.79	13.52	62.93	63.23	-0.302	0.302	81.4	26.416	50.21
"2010-10-21	11:00:00"	12.98	154.6	10.62	22.47	9.89	152.3	11.68	17.1	64.57	65.25	-0.688	0.304	78.21	26.415	208.93
"2010-10-21	12:00:00"	12.37	164.6	13.34	20.09	9.51	161.9	15.2	15.91	67.82	68.97	-1.158	0.305	70.34	26.408	324.78
"2010-10-21	13:00:00"	9.86	186.1	21.55	20.09	7.268	184.8	25.31	14.72	69.71	70.58	-0.867	0.303	65.88	26.4	177.05
"2010-10-21	14:00:00"	7.521	212.5	20.39	15.31	5.614	211.1	25.86	11.14	71.7	73	-1.298	0.303	59.21	26.378	361.37
"2010-10-21	15:00:00"	6.422	239.1	55.7	13.52	4.09	241.9	56.31	11.14	72.95	74.14	-1.191	0.304	56.27	26.347	359.7
"2010-10-21	16:00:00"	10.25	317	29.31	22.47	7.155	315.4	30.28	15.91	73.24	75.1	-1.862	0.304	54.76	26.317	482.73
"2010-10-21	17:00:00"	6.912	304.2	28.66	18.89	3.933	303.2	31.97	17.1	74.01	74.94	-0.923	0.302	53.86	26.297	301.89
"2010-10-21	18:00:00"	5.302	237.7	34.39	10.54	1.407	240.1	37.48	6.368	73.21	72.93	0.28	0.301	61.06	26.28	248.26
"2010-10-21	19:00:00"	6.238	230.2	18.88	11.74	2.513	230.4	24.67	8.16	74.21	73.54	0.67	0.304	50.57	26.281	104.62
"2010-10-21	20:00:00"	8.49	130.3	11.74	17.1	5.216	128	14.93	12.33	67.04	66.08	0.956	0.301	68.66	26.317	2.6622
"2010-10-21	21:00:00"	4.848	144.8	19.69	9.35	1.674	136.8	41.93	5.175	63.99	62.73	1.252	0.301	80.1	26.334	0
"2010-10-21	22:00:00"	5.147	140.9	19.55	7.561	1	128.9	37.41	1	62.97	61.08	1.888	0.304	86.5	26.336	0
"2010-10-21	23:00:00"	7.378	138.7	8.63	9.95	2.173	134.8	12.71	7.561	61.69	60.45	1.238	0.3	90.7	26.332	0
"2010-10-22	00:00:00"	5.448	102.9	37.08	8.75	1	86	41.48	1	60.1	58.6	1.493	0.303	91.6	26.339	0
"2010-10-22	01:00:00"	5.411	181	35.24	6.964	1	187.8	44.9	1	59.85	58.46	1.395	0.302	91.4	26.333	0
"2010-10-22	02:00:00"	5.396	262.4	10.37	7.561	1	277	11.96	1	60.5	58.72	1.781	0.301	92.3	26.333	0.00029
"2010-10-22	03:00:00"	4.543	246.4	10.7	6.368	1	259	13.33	1	60.85	59.07	1.784	0.302	92.5	26.328	0.00345

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-22	04:00:00"	3.4	308.7	27.41	13.52	1.382	333	36.48	8.75	60.4	59.32	1.083	0.3	92.6	26.327	0.00086	0	
"2010-10-22	05:00:00"	6.173	309.8	9.01	9.95	2.701	312.9	12.53	7.561	58.84	58.37	0.472	0.301	92.1	26.323	0	0	
"2010-10-22	06:00:00"	7.607	332.1	11.77	10.54	2.261	333.5	13.85	6.368	57.94	55.85	2.087	0.299	90.2	26.322	0	0	
"2010-10-22	07:00:00"	7.659	1.168	11.74	10.54	3.112	5.085	15.41	5.771	55.6	51.82	3.775	0.308	84.8	26.33	0	0	
"2010-10-22	08:00:00"	5.175	14.98	11.55	6.368	1	21.1	22.57	1	56.51	50.93	5.58	0.309	83.6	26.347	0.43782	0	
"2010-10-22	09:00:00"	2.896	327.6	96.5	10.54	1.091	6.491	94.8	5.771	53.56	50.73	2.826	0.306	86	26.355	84.271	0	
"2010-10-22	10:00:00"	5.021	231.5	63.2	13.52	3.477	239.6	62.44	11.14	58.91	58.85	0.06	0.315	62.92	26.371	275.77	0	
"2010-10-22	11:00:00"	12.81	265.5	14	24.26	9.29	267.6	17.17	19.49	64.52	65.46	-0.942	0.307	39.55	26.373	450.27	0	
"2010-10-22	12:00:00"	17	254.4	12.21	27.24	12.84	256.6	15.19	23.07	66.97	68.27	-1.303	0.31	31.4	26.378	533.78	0	
"2010-10-22	13:00:00"	16.07	257.5	13.7	25.45	12.32	259.3	16.38	24.26	67.33	69.17	-1.845	0.311	30.03	26.377	704.94	0	
"2010-10-22	14:00:00"	14.8	255.2	16.3	25.45	11.22	257.2	18.74	21.28	68.19	70.13	-1.936	0.308	28.96	26.357	623.48	0	
"2010-10-22	15:00:00"	14.23	248	12.81	22.47	11.14	249.9	16.2	18.89	68.25	69.76	-1.504	0.31	28.51	26.335	422.54	0	
"2010-10-22	16:00:00"	13.64	247.1	13.01	20.68	10.6	248.8	15.66	18.3	67.78	68.68	-0.902	0.306	28.14	26.319	248.79	0	
"2010-10-22	17:00:00"	10.85	239.1	16.17	17.7	8.24	240.3	18.96	14.72	67.72	68.36	-0.638	0.308	28.81	26.315	182.52	0	
"2010-10-22	18:00:00"	11.49	231.1	10.76	23.66	8.61	232.2	14.84	18.3	68.46	68.68	-0.217	0.308	29.25	26.311	111.07	0	
"2010-10-22	19:00:00"	15.47	231.8	8.9	24.26	11.75	233.5	12.33	20.68	68.02	67.84	0.178	0.305	30.36	26.312	44.951	0	
"2010-10-22	20:00:00"	11.34	243.3	10.37	18.3	8.37	245.6	13.6	17.7	66.15	65.68	0.47	0.306	34.43	26.326	1.4275	0	
"2010-10-22	21:00:00"	7.232	238	9.58	15.91	6.905	239.3	12.9	14.72	64.57	64.03	0.542	0.305	36	26.344	0	0	
"2010-10-22	22:00:00"	1	245	8.3	1	7.822	246.3	11.91	14.12	62.81	62.24	0.574	0.307	39.26	26.352	0	0	
"2010-10-22	23:00:00"	1	238	8.38	1	8.93	239	11.08	14.12	61.22	60.66	0.553	0.307	43.25	26.361	0	0	
"2010-10-23	00:00:00"	1	240.2	8.03	1	6.17	241.7	11.56	12.33	59.87	59.2	0.671	0.307	46.29	26.373	0	0	
"2010-10-23	01:00:00"	7.57	236.9	9.91	12.33	5.565	237	13.28	8.75	57.82	56.67	1.145	0.306	50.72	26.366	0	0	
"2010-10-23	02:00:00"	6.594	208.7	26.31	9.35	1.235	204.2	31.89	5.175	54.57	51.93	2.635	0.304	58.53	26.366	0	0	
"2010-10-23	03:00:00"	8.06	215.6	17.43	12.93	2.308	218.4	22.89	8.16	53.64	51.36	2.276	0.302	59.45	26.376	0	0	
"2010-10-23	04:00:00"	8.39	237.8	31.01	12.93	3.929	241.8	38.33	11.14	54.17	52.3	1.876	0.305	57.36	26.375	0	0	
"2010-10-23	05:00:00"	7.856	231.1	10.63	12.33	2.608	232.2	15.11	7.561	54.32	51.94	2.378	0.303	58.14	26.374	0	0	
"2010-10-23	06:00:00"	6.913	225.5	12.37	9.95	1.479	224.8	20.95	5.175	52.79	49.97	2.815	0.299	61.8	26.371	0	0	
"2010-10-23	07:00:00"	6.04	246.5	14.35	8.75	1.025	249.4	23.01	3.982	52.98	50.13	2.846	0.299	61.61	26.371	0	0	
"2010-10-23	08:00:00"	6.808	240.4	10.19	9.35	1.315	233	18.1	6.368	54.01	50.4	3.604	0.3	61.18	26.365	0.26038	0	
"2010-10-23	09:00:00"	7.681	254.6	10.12	12.33	4.004	257.6	15.22	10.54	52.56	51.33	1.235	0.299	60.17	26.352	64.871	0	
"2010-10-23	10:00:00"	14.55	261.5	9.12	26.65	10.65	263.6	12.05	22.47	60.3	60.62	-0.316	0.309	45.73	26.348	260.6	0	
"2010-10-23	11:00:00"	19.79	268.4	10.58	30.82	14.44	269.9	13.44	24.86	65.95	66.91	-0.959	0.307	35.4	26.354	454.56	0	
"2010-10-23	12:00:00"	18.86	272.2	12.53	29.03	13.64	274	14.87	23.07	67.46	69.06	-1.606	0.309	31.23	26.356	613.9	0	
"2010-10-23	13:00:00"	19.68	275.8	13.26	30.82	14.01	277.2	15.41	26.05	69.93	71.84	-1.907	0.308	27.59	26.342	721.39	0	
"2010-10-23	14:00:00"	22.26	265.2	13.85	33.8	16.24	266.7	16.48	27.24	71.74	73.81	-2.068	0.307	24.35	26.327	760.36	0	
"2010-10-23	15:00:00"	22.42	268.6	12.59	36.19	16.45	270.2	15.58	29.03	72.64	74.7	-2.061	0.307	21.76	26.299	726.33	0	
"2010-10-23	16:00:00"	20.86	258.3	12.46	34.4	15.68	260.1	15.13	27.84	73.69	75.62	-1.923	0.306	20.4	26.288	643.51	0	
"2010-10-23	17:00:00"	20.45	255.3	12.4	32.61	15.42	257	15.23	26.05	74.46	75.98	-1.521	0.306	19.34	26.286	492.3	0	
"2010-10-23	18:00:00"	18.64	256.7	11.76	32.01	14.06	258.6	14.54	24.86	74	74.84	-0.84	0.306	20.38	26.288	302.44	0	
"2010-10-23	19:00:00"	18.02	253	8.98	27.24	13.43	255.5	12.41	22.47	72.3	72.23	0.069	0.308	22.49	26.298	100.09	0	
"2010-10-23	20:00:00"	12.05	248	8.07	18.3	8.82	250.4	11.57	15.31	68.7	67.9	0.804	0.306	26.4	26.32	0.95117	0	
"2010-10-23	21:00:00"	10.99	253.2	8.85	17.7	7.646	255.5	12.07	12.93	65	64.08	0.923	0.307	30.36	26.342	0	0	
"2010-10-23	22:00:00"	8.88	254.8	9.22	14.72	5.733	256.2	12.49	11.14	63.38	62.24	1.133	0.307	34.05	26.35	0	0	
"2010-10-23	23:00:00"	11.31	262.3	8.68	17.7	7.954	264.1	11.67	15.31	62.61	61.81	0.798	0.308	35.44	26.363	0	0	
"2010-10-24	00:00:00"	6.772	257.2	35.85	14.12	3.7	260.6	44.67	10.54	60.34	59.03	1.313	0.308	39.54	26.379	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-24	01:00:00"	8.09	255.1	30.84	18.3	4.394	254.2	35.05	14.12	59.64	57.64	2.002	0.31	42.22	26.382	0
"2010-10-24	02:00:00"	11.16	266	9.88	21.28	7.503	266.7	13	15.91	61.28	60.48	0.794	0.305	38.15	26.38	0
"2010-10-24	03:00:00"	9.58	264.7	10.28	14.72	5.961	263.6	13.37	11.14	59.36	58.15	1.21	0.307	41.49	26.379	0
"2010-10-24	04:00:00"	8.57	273.8	9.41	15.91	4.913	274.7	12.52	11.14	57.68	56.19	1.493	0.305	44.58	26.373	0
"2010-10-24	05:00:00"	8.86	279.4	10.8	13.52	4.342	281.8	14.58	9.95	55.69	53.57	2.12	0.303	49	26.365	0
"2010-10-24	06:00:00"	9.49	284.9	7.484	13.52	4.457	287.2	11.17	8.75	53.51	51.8	1.711	0.299	52.11	26.373	0
"2010-10-24	07:00:00"	8.66	292.4	7.157	11.14	2.539	297.2	11.02	5.175	52.01	49.37	2.643	0.296	56.8	26.38	0
"2010-10-24	08:00:00"	7.897	279	10.16	11.74	2.19	283.7	13.3	5.771	51.7	48.64	3.064	0.296	58.06	26.391	0.40255
"2010-10-24	09:00:00"	10.26	283.3	9.31	15.91	5.534	285.9	12.31	12.93	52.73	51.67	1.06	0.299	53.38	26.399	65.683
"2010-10-24	10:00:00"	13.32	279.6	9.55	21.87	9.21	280.1	12.27	17.7	59.03	59.57	-0.534	0.309	42.51	26.422	255.09
"2010-10-24	11:00:00"	13.53	274.7	11.01	21.87	9.56	275.9	13.92	16.51	64.82	66.05	-1.226	0.31	33.38	26.42	449.53
"2010-10-24	12:00:00"	15.6	278.9	11.62	23.07	10.94	279.9	14.35	19.49	68.69	70.36	-1.661	0.308	28.79	26.412	609.41
"2010-10-24	13:00:00"	16.49	274.2	14.52	24.26	11.71	275.5	16.3	20.09	70.97	73	-2.028	0.309	25.29	26.402	712.98
"2010-10-24	14:00:00"	15.03	278.3	13.86	25.45	10.67	279	15.87	20.09	72.35	74.62	-2.264	0.308	22.96	26.379	757.44
"2010-10-24	15:00:00"	15.58	267	15.51	27.24	11.48	268.7	17.67	21.28	73.59	75.87	-2.279	0.308	22.23	26.351	714.32
"2010-10-24	16:00:00"	15.57	261.2	14.63	27.84	11.55	263	17.6	23.07	74.96	77.07	-2.101	0.308	21.13	26.322	634.52
"2010-10-24	17:00:00"	16.99	256.7	14.35	27.24	12.96	258.4	16.7	23.07	76.16	77.72	-1.559	0.307	18.9	26.296	487.55
"2010-10-24	18:00:00"	16.23	263.8	14.06	24.86	12.05	265.4	16.41	21.87	75.97	76.84	-0.876	0.307	19.87	26.29	297.74
"2010-10-24	19:00:00"	13	261.4	8.8	23.07	9.25	263.2	12.35	17.1	74.76	74.6	0.158	0.305	21.89	26.285	99.895
"2010-10-24	20:00:00"	9.48	266.8	10.1	15.31	5.892	266.7	15.56	11.74	71.79	70.24	1.546	0.307	25.53	26.289	1.7924
"2010-10-24	21:00:00"	9.82	263.9	8.24	16.51	5.882	263.3	12.61	12.33	68.2	66.22	1.983	0.305	29.09	26.294	0
"2010-10-24	22:00:00"	7.847	239.4	9.81	13.52	3.808	236.4	13.4	11.14	64.5	61.87	2.63	0.308	33.66	26.301	0
"2010-10-24	23:00:00"	8.28	223.7	19.44	11.74	4.254	222.3	22.67	8.75	61.33	59.38	1.95	0.308	35.74	26.297	0
"2010-10-25	00:00:00"	10	242.1	40.62	22.47	6.409	240.7	47.53	17.7	63.64	62.11	1.537	0.309	33.68	26.293	0
"2010-10-25	01:00:00"	6.373	259.6	16.62	18.3	2.704	254.2	28.94	13.52	62.37	60.39	1.986	0.308	35.92	26.275	0
"2010-10-25	02:00:00"	7.128	227.4	22.58	12.93	1.445	224	22.98	6.964	59.05	55.68	3.368	0.306	43.94	26.245	0
"2010-10-25	03:00:00"	9.27	228.5	12.08	14.12	4.922	228.1	16.29	10.54	58.76	56.77	1.989	0.308	42.84	26.224	0
"2010-10-25	04:00:00"	7.741	224.3	12.71	12.93	3.251	218.4	20.86	9.35	58.5	55.75	2.756	0.307	44.43	26.201	0
"2010-10-25	05:00:00"	9	210.5	12.92	12.93	4.917	209.6	17.9	9.95	56.57	54.96	1.618	0.305	45.67	26.169	0
"2010-10-25	06:00:00"	9.17	223.4	12.26	17.1	5.855	222	16.26	12.93	58.9	57.39	1.504	0.306	42.7	26.143	0
"2010-10-25	07:00:00"	10.14	230.4	8.56	16.51	7.146	231.6	11.64	13.52	59.45	58.41	1.036	0.309	42.2	26.133	0
"2010-10-25	08:00:00"	12.98	235.4	7.658	20.09	9.53	236.8	10.59	15.31	60.9	59.84	1.059	0.31	40.06	26.131	0.92009
"2010-10-25	09:00:00"	13.28	227.3	8.76	19.49	9.62	229	12.04	17.1	61.46	60.9	0.559	0.31	38.74	26.117	31.541
"2010-10-25	10:00:00"	15.31	222.7	9.03	24.86	11.04	224.1	12.85	18.89	63.58	63.7	-0.114	0.309	37.03	26.11	192.71
"2010-10-25	11:00:00"	16.33	232.2	10.62	24.86	12.32	234.1	14.11	19.49	68.73	69.61	-0.88	0.309	31.68	26.099	370.42
"2010-10-25	12:00:00"	18.74	225.9	10.66	29.63	13.95	227.1	14.32	23.66	72.58	73.86	-1.275	0.307	28.43	26.072	480.7
"2010-10-25	13:00:00"	22.12	233.2	11.54	39.17	16.91	235	15.12	29.63	76.3	77.55	-1.246	0.307	25.56	26.048	496.78
"2010-10-25	14:00:00"	23.94	236.1	10.54	39.77	18.78	238.1	13.44	33.21	77.55	78.31	-0.761	0.306	24.89	26.018	356.22
"2010-10-25	15:00:00"	29.48	249.4	9.92	43.35	22.91	251.2	13.14	41.56	77.26	77.99	-0.733	0.307	23.72	25.997	357.19
"2010-10-25	16:00:00"	26.44	249	9.92	39.17	20.42	251.2	13.18	35.59	76.54	77.04	-0.502	0.306	22.67	25.978	261.37
"2010-10-25	17:00:00"	25.74	247.8	10.63	40.36	19.85	249.6	13.78	33.21	76.7	76.96	-0.264	0.307	22.43	25.961	192.37
"2010-10-25	18:00:00"	20.05	244.9	11.5	36.19	15.4	246.9	14.19	27.84	76.55	76.5	0.049	0.305	23	25.962	113.51
"2010-10-25	19:00:00"	16.83	241.7	9.07	27.84	13.3	243.5	12.4	21.28	76.01	75.59	0.419	0.306	23.77	25.954	28.68
"2010-10-25	20:00:00"	16.09	252.6	10.8	27.24	12.04	254.9	13.5	24.26	75.52	74.89	0.633	0.306	24.91	25.968	0.33206
"2010-10-25	21:00:00"	20.11	255.3	8.49	32.61	14.88	257.4	12.42	27.24	75.38	74.77	0.617	0.305	24.34	26.001	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-25	22:00:00"	15.67	264.9	10.42	27.24	11.16	267.3	12.88	22.47	73.9	73.26	0.639	0.306	25.44	26.03	0
"2010-10-25	23:00:00"	13.06	269.3	10.24	21.87	9.09	271.2	12.46	16.51	73.09	72.33	0.755	0.307	26.8	26.068	0
"2010-10-26	00:00:00"	20.55	336.7	29.81	33.8	14.75	333.8	28.25	29.03	64.99	64.47	0.514	0.306	35.83	26.125	0
"2010-10-26	01:00:00"	20.67	342.7	10.2	32.01	15.04	339.8	13.36	24.26	59.88	59.52	0.357	0.309	36.71	26.164	0
"2010-10-26	02:00:00"	20.35	339.4	9.86	31.42	14.76	336.7	12.27	25.45	58.75	58.34	0.411	0.309	30.94	26.176	0
"2010-10-26	03:00:00"	19.04	336.3	8.55	30.22	13.79	334.5	11.5	24.26	57.79	57.32	0.472	0.307	28.72	26.194	0
"2010-10-26	04:00:00"	16.91	330.2	8.76	28.43	11.88	329.1	11.89	22.47	55.71	55.19	0.525	0.302	30.27	26.212	0
"2010-10-26	05:00:00"	12.84	333.6	7.976	23.07	8.87	332.6	10.74	18.89	53.35	52.61	0.737	0.297	31.82	26.221	0
"2010-10-26	06:00:00"	8.51	336.1	13.67	14.12	4.901	336	15.97	9.95	50.73	49.46	1.267	0.294	34.24	26.235	0
"2010-10-26	07:00:00"	5.727	337	18	10.54	1.674	339.4	24.65	6.964	49.04	47.17	1.872	0.293	35.12	26.252	0
"2010-10-26	08:00:00"	7.118	324.1	13.9	10.54	1.586	334.9	30.72	5.771	47.12	43.24	3.877	0.291	39.99	26.266	0.74773
"2010-10-26	09:00:00"	4.512	220.8	44.1	8.16	1	198.9	54.54	1.596	46.1	43.27	2.829	0.292	41.41	26.291	65.716
"2010-10-26	10:00:00"	5.912	294.5	16.72	9.95	2.835	293.5	18.15	7.561	50.97	51.77	-0.799	0.297	28.65	26.309	253.29
"2010-10-26	11:00:00"	6.811	326.1	22.48	12.93	2.035	324.3	24.77	8.75	56.4	57.87	-1.471	0.308	19.11	26.318	443.57
"2010-10-26	12:00:00"	5.181	253.8	39.71	12.33	3.59	253.9	44.6	9.35	60.48	61.87	-1.394	0.315	14.33	26.312	604.31
"2010-10-26	13:00:00"	6.749	240.8	32.32	14.72	5.26	242.6	38.08	12.93	63.77	65.43	-1.657	0.313	14.43	26.298	711.19
"2010-10-26	14:00:00"	10.59	223	30.21	19.49	8.42	224.4	34.57	15.31	66.22	68.37	-2.149	0.309	17.25	26.27	754.21
"2010-10-26	15:00:00"	12.45	227.8	20.22	23.66	9.7	228.8	24.18	21.87	68.43	70.82	-2.397	0.309	20.28	26.234	710.44
"2010-10-26	16:00:00"	14.25	245.1	16.42	26.05	11.14	247.1	19.44	21.28	71.03	73.15	-2.12	0.308	24.48	26.203	630.64
"2010-10-26	17:00:00"	15.06	237.1	13.25	27.24	11.88	239.1	16.9	20.68	73.15	74.81	-1.664	0.308	23.16	26.177	479.79
"2010-10-26	18:00:00"	14.04	235.7	15.1	21.87	10.78	237.6	18.41	17.7	74.34	75.32	-0.976	0.306	24.41	26.164	287.27
"2010-10-26	19:00:00"	15.14	246	8.53	25.45	11.89	248.5	12.31	21.87	74.4	74.29	0.111	0.307	26.83	26.153	89.735
"2010-10-26	20:00:00"	9.35	213.4	20.28	14.12	5.568	215.6	21.51	11.14	69.58	67.95	1.632	0.306	33.42	26.168	1.1531
"2010-10-26	21:00:00"	9.4	234.6	8.44	13.52	5.861	236.5	11.63	9.95	67.89	65.94	1.947	0.305	34.7	26.197	0
"2010-10-26	22:00:00"	8.97	241.4	12.4	11.74	5.337	244.6	16.1	8.16	64.66	62.48	2.175	0.306	38.85	26.207	0
"2010-10-26	23:00:00"	6.482	199.7	19.89	10.54	2.138	185.7	21.98	6.368	62.32	58.69	3.63	0.309	44.21	26.224	0
"2010-10-27	00:00:00"	5.021	176.9	15.85	8.16	1	165.5	20.3	1	61.51	58.09	3.418	0.306	44.68	26.243	0
"2010-10-27	01:00:00"	5.13	218.2	11.72	7.561	1	224.9	19.48	1	61	57.88	3.121	0.308	44.23	26.25	0
"2010-10-27	02:00:00"	4.632	221.9	15.26	6.964	1	250.7	28.05	1	60.95	57.68	3.271	0.307	44.3	26.255	0
"2010-10-27	03:00:00"	2.903	217.9	13.49	6.368	1	290.4	62.85	1	59.91	56.51	3.403	0.31	45.65	26.263	0
"2010-10-27	04:00:00"	4.668	223.9	8.32	7.561	1	226.3	23.44	1	59.19	55.97	3.22	0.307	46.4	26.27	0
"2010-10-27	05:00:00"	9.98	0.845	19.33	15.91	5.298	357.1	19.67	11.74	54.16	51.71	2.445	0.3	54.67	26.291	0
"2010-10-27	06:00:00"	10.93	10.87	8.46	14.12	6.547	7.528	14.48	11.74	51.07	49.81	1.253	0.295	51.85	26.305	0
"2010-10-27	07:00:00"	12.81	8.6	8.87	17.1	8.49	4.173	14.97	12.93	49.69	48.7	0.985	0.294	47.56	26.336	0
"2010-10-27	08:00:00"	11.93	19.83	8.68	15.91	7.999	18.78	15.23	12.33	49.29	48.41	0.884	0.293	43.59	26.366	0.48261
"2010-10-27	09:00:00"	10.89	19.9	7.603	15.31	7.402	18.83	14.41	11.74	48.33	47.97	0.359	0.294	41.58	26.4	60.852
"2010-10-27	10:00:00"	11.19	37.68	11.47	16.51	8.1	37.73	14.97	13.52	54.53	55.3	-0.772	0.302	28.23	26.44	248.61
"2010-10-27	11:00:00"	11.27	36.34	9.17	15.31	8.51	36.41	13.69	13.52	58.32	59.66	-1.336	0.311	22.99	26.477	356.66
"2010-10-27	12:00:00"	9.18	49.36	12.49	12.93	7.236	49.22	15.24	11.14	62.56	64.45	-1.889	0.312	19.59	26.49	531.83
"2010-10-27	13:00:00"	9.38	25.87	23.2	19.49	7.339	26.39	28.15	18.3	68.12	70.37	-2.247	0.308	19.09	26.49	704.6
"2010-10-27	14:00:00"	9.82	2.466	23.53	18.89	7.707	358.3	27.37	17.7	70.09	72.6	-2.507	0.31	19.13	26.489	750.39
"2010-10-27	15:00:00"	7.535	350.4	49.56	20.09	5.456	350.5	54.68	17.1	71.06	73.3	-2.238	0.308	19.49	26.482	692.29
"2010-10-27	16:00:00"	7.165	334	46.19	15.31	5.01	332	52.03	13.52	71.94	73.83	-1.886	0.31	19.54	26.481	604.45
"2010-10-27	17:00:00"	6.523	291.6	46.61	13.52	4.679	290.5	46.53	11.14	72.87	74.31	-1.443	0.309	19.79	26.491	473.53
"2010-10-27	18:00:00"	7.166	328.7	29.58	16.51	4.791	325.3	30.59	14.72	73.21	74.37	-1.167	0.309	20.02	26.51	287.3

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-10-27	19:00:00"	6.762	27.28	10.05	11.14	4.228	25.86	15.2	9.95	71.44	70.85	0.591	0.308	23.98	26.529	89.042	0
"2010-10-27	20:00:00"	8.65	26.38	4.152	11.14	3.938	22.05	10.57	6.368	65.65	62.04	3.612	0.306	32.86	26.565	1.1453	0
"2010-10-27	21:00:00"	10.22	20.99	4.071	12.33	4.734	12.33	11.26	6.964	60.52	55.91	4.616	0.307	39.34	26.601	0	0
"2010-10-27	22:00:00"	8.32	36.9	10.44	10.54	4.237	35.92	15.11	6.368	55.82	53.28	2.537	0.304	43.03	26.634	0	0
"2010-10-27	23:00:00"	9.23	28.06	5.54	11.74	4.905	22.74	12.39	8.16	54.17	51.73	2.444	0.299	43.87	26.667	0	0
"2010-10-28	00:00:00"	10.58	20.87	6.152	14.72	5.898	17.67	13	11.74	52.34	50.44	1.904	0.296	45.67	26.696	0	0
"2010-10-28	01:00:00"	8.67	43.13	18.3	12.93	4.439	40.42	21.44	8.75	51.49	49.4	2.093	0.296	44.93	26.718	0	0
"2010-10-28	02:00:00"	9.16	39.59	9.34	13.52	4.964	37.42	13.96	9.95	49.79	48.2	1.595	0.293	44.85	26.732	0	0
"2010-10-28	03:00:00"	8.35	40.24	7.704	11.74	3.329	36.83	10.57	7.561	47.28	44.86	2.423	0.29	50.21	26.753	0	0
"2010-10-28	04:00:00"	9.74	33.4	7.078	14.72	5.963	32.73	12.25	9.95	44.61	43.45	1.161	0.292	52.68	26.775	0	0
"2010-10-28	05:00:00"	8.5	33.91	6.878	12.93	4.062	33.49	12.06	8.16	42.53	41.11	1.418	0.289	56.81	26.79	0	0
"2010-10-28	06:00:00"	9.52	32.75	7.644	15.31	5.782	31.42	13.2	9.95	41.73	40.61	1.115	0.288	58.43	26.808	0	0
"2010-10-28	07:00:00"	9.44	27.46	6.886	13.52	5.53	28.26	13.4	8.75	40.69	39.4	1.29	0.289	60.93	26.834	0	0
"2010-10-28	08:00:00"	10.72	39	7.696	15.91	6.525	39.34	11.31	12.33	40.65	39.4	1.247	0.289	58.73	26.861	0.30794	0
"2010-10-28	09:00:00"	10.69	35.54	7.769	14.72	7.019	35.07	12.38	12.33	40.39	39.96	0.422	0.288	55.62	26.889	60.988	0
"2010-10-28	10:00:00"	13.89	67.71	15.31	22.47	9.98	66.92	17.53	18.89	46.62	47.34	-0.714	0.293	38.85	26.924	251.14	0
"2010-10-28	11:00:00"	14.65	87.4	10.3	21.28	10.85	86.1	13.33	16.51	52.15	53.53	-1.375	0.299	29.47	26.95	445.31	0
"2010-10-28	12:00:00"	12.51	92.1	13.98	18.3	9.59	91.2	16.83	15.91	56.08	57.98	-1.908	0.308	24.23	26.948	605.58	0
"2010-10-28	13:00:00"	10	105	19.98	19.49	7.756	105.1	22.44	18.3	58.84	60.98	-2.136	0.309	20.27	26.941	712.27	0
"2010-10-28	14:00:00"	9.72	115.7	17.64	16.51	7.658	114	20.76	14.72	60.86	62.9	-2.041	0.312	17.35	26.913	752.04	0
"2010-10-28	15:00:00"	8.37	126.3	30.56	15.91	6.631	126.4	33.46	14.12	62.9	64.75	-1.854	0.31	16.59	26.88	709.07	0
"2010-10-28	16:00:00"	7.292	131.9	33.64	15.31	5.673	132.2	37.89	11.74	64.28	65.83	-1.553	0.309	16.47	26.857	627.7	0
"2010-10-28	17:00:00"	8.99	125.5	21.46	16.51	6.965	124.9	23.41	13.52	65.23	66.81	-1.587	0.307	16.49	26.846	475.59	0
"2010-10-28	18:00:00"	9.14	116	17.05	15.91	6.875	115.2	19.5	13.52	64.99	66.17	-1.171	0.31	17.35	26.842	284.21	0
"2010-10-28	19:00:00"	7.777	117.5	8.51	11.74	4.75	114.8	12.27	10.54	63.51	63.21	0.291	0.311	19.82	26.838	86.175	0
"2010-10-28	20:00:00"	8.87	115	3.428	10.54	3.271	103	8.32	5.771	59.61	55.28	4.335	0.308	26.47	26.842	1.035	0
"2010-10-28	21:00:00"	9.4	117.8	4.664	11.74	4.753	109.6	9.24	7.561	55.25	52.42	2.831	0.303	28.91	26.852	0	0
"2010-10-28	22:00:00"	9.72	117	6.315	14.12	5.379	109.5	11.04	9.35	52.98	50.93	2.048	0.298	30.85	26.853	0	0
"2010-10-28	23:00:00"	11.56	125.3	6.87	15.91	7.244	122.9	11.31	11.74	52.43	51.4	1.03	0.295	31.07	26.85	0	0
"2010-10-29	00:00:00"	11.08	130.2	7.306	15.31	7.093	128.2	10.42	10.54	51.28	50.34	0.936	0.293	32.88	26.849	0	0
"2010-10-29	01:00:00"	10.7	135	7.068	15.91	6.916	132.8	10.01	11.74	49.71	48.82	0.89	0.293	35.51	26.838	0	0
"2010-10-29	02:00:00"	9.07	127.4	7.744	13.52	5.092	122.6	11.94	9.35	48.18	46.71	1.473	0.291	38.86	26.823	0	0
"2010-10-29	03:00:00"	9.61	134.4	7.773	14.12	5.984	131.4	10.28	10.54	48	46.96	1.038	0.291	38.59	26.816	0	0
"2010-10-29	04:00:00"	9.59	135.5	7.999	14.12	6.077	133.1	10.75	11.14	47.15	46.22	0.928	0.291	39.58	26.804	0	0
"2010-10-29	05:00:00"	7.804	146	7.389	11.14	4.289	144.5	9.72	8.16	44.97	43.69	1.273	0.293	43.99	26.788	0	0
"2010-10-29	06:00:00"	5.121	191.6	18.85	8.75	1.33	212.4	28.49	4.578	43.76	41.82	1.94	0.29	47.08	26.776	0	0
"2010-10-29	07:00:00"	5.123	188.9	15.27	6.964	1.034	202.6	26.89	3.386	44.57	42.44	2.132	0.291	46.15	26.771	0	0
"2010-10-29	08:00:00"	5.365	154.7	6.525	7.561	1	136.9	11.92	1	43.57	41.52	2.059	0.291	47.8	26.768	0.2856	0
"2010-10-29	09:00:00"	6.167	138.1	8.31	7.561	1.01	109.2	20.82	3.386	43.7	40.9	2.802	0.291	49.02	26.774	57.534	0
"2010-10-29	10:00:00"	9.55	159.4	12.28	17.1	6.62	156.6	14	13.52	50.47	50.85	-0.374	0.297	34.3	26.787	243.78	0
"2010-10-29	11:00:00"	16.48	178.1	9.59	24.26	11.68	175.6	13.54	18.89	56.65	57.79	-1.137	0.309	25.62	26.784	435.23	0
"2010-10-29	12:00:00"	15.2	188.6	13.84	22.47	11.39	186.7	18.24	19.49	60.08	61.84	-1.76	0.31	22.48	26.766	594.17	0
"2010-10-29	13:00:00"	12.54	185.3	14.74	19.49	9.79	183.3	19.61	16.51	63.11	65.15	-2.036	0.311	21.07	26.74	701.11	0
"2010-10-29	14:00:00"	12.39	195.3	14.47	21.28	9.4	194.5	19.19	16.51	66.57	68.88	-2.308	0.307	19.55	26.706	742.09	0
"2010-10-29	15:00:00"	13.25	199.9	15.16	21.87	10.02	200.5	19.67	17.1	69.14	71.56	-2.422	0.309	19.29	26.667	699.35	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-29	16:00:00"	14.32	192.1	15.4	21.28	10.78	191.6	19.39	17.7	70.97	73.09	-2.124	0.307	19.61	26.629	618.11	0	
"2010-10-29	17:00:00"	13.76	198.1	12.68	20.68	9.99	197.8	17.7	17.1	72.23	74.03	-1.799	0.306	20.37	26.604	468.31	0	
"2010-10-29	18:00:00"	13.97	188	11.25	20.09	10.01	186.6	16.31	16.51	72.75	73.75	-1.001	0.307	21.53	26.587	280.08	0	
"2010-10-29	19:00:00"	12.22	179.6	8	18.89	8.57	176.1	11.81	14.72	70.95	70.72	0.225	0.307	23.55	26.576	84.16	0	
"2010-10-29	20:00:00"	9.44	166.9	4.075	11.74	4.569	161.5	7.613	6.964	64.97	62.31	2.661	0.305	30.86	26.574	0.87751	0	
"2010-10-29	21:00:00"	9.21	170.2	6.508	12.93	5.128	168.9	10.38	9.35	61.73	60.02	1.713	0.309	32.99	26.577	0	0	
"2010-10-29	22:00:00"	9.19	182	8.36	14.12	5.437	179.4	13.24	11.14	59.39	57.75	1.646	0.309	34.85	26.571	0	0	
"2010-10-29	23:00:00"	8.63	198.6	11.63	14.72	4.907	206.7	16.01	9.35	56.24	54.72	1.526	0.305	37.99	26.568	0	0	
"2010-10-30	00:00:00"	8.79	206.5	4.862	11.14	4.542	208.8	10.26	7.561	54.54	52.61	1.931	0.301	39.99	26.563	0	0	
"2010-10-30	01:00:00"	9.14	209.4	5.967	11.74	5.045	212.6	10.81	7.561	54.16	52.58	1.581	0.3	38.21	26.553	0	0	
"2010-10-30	02:00:00"	8.31	212.1	6.816	11.14	4.309	216.7	11.63	6.964	53.27	51.45	1.814	0.296	38.87	26.539	0	0	
"2010-10-30	03:00:00"	9.15	215.9	7.814	12.33	5.292	219.9	12.13	8.75	51.67	49.98	1.69	0.295	40.73	26.523	0	0	
"2010-10-30	04:00:00"	8.66	234.9	7.822	11.14	5.586	238.7	10.1	8.75	50.3	48.63	1.675	0.293	42.81	26.514	0	0	
"2010-10-30	05:00:00"	9.21	229	5.412	12.33	5.471	233.5	9.06	8.16	49.06	47.4	1.66	0.293	44.81	26.501	0	0	
"2010-10-30	06:00:00"	9.09	233.1	5.587	11.74	5.692	235.9	8.88	8.16	48.83	47.09	1.739	0.291	45.46	26.495	0	0	
"2010-10-30	07:00:00"	8.03	251.8	12.19	11.14	4.684	255.8	14.14	7.561	48.29	46.44	1.847	0.291	46.98	26.5	0	0	
"2010-10-30	08:00:00"	8.47	266.6	7.373	11.14	4.934	270.3	11.62	7.561	49.04	47.61	1.434	0.292	45.52	26.503	0.24696	0	
"2010-10-30	09:00:00"	8.14	254.4	5.966	9.95	4.695	254.7	10.17	7.561	49.62	48.63	0.985	0.294	44.22	26.509	53.426	0	
"2010-10-30	10:00:00"	8.49	236.5	10.29	12.93	6.837	237.8	13.83	10.54	52.84	53.41	-0.565	0.3	38.79	26.52	237.08	0	
"2010-10-30	11:00:00"	7.432	235.5	12.21	11.14	6.136	236.9	16.89	9.95	60.37	61.4	-1.03	0.312	33.63	26.528	428.01	0	
"2010-10-30	12:00:00"	8.27	246.3	12.32	13.52	6.875	248.7	15.54	11.14	70.31	71.7	-1.394	0.309	27.71	26.517	588.31	0	
"2010-10-30	13:00:00"	9.81	231.4	14.69	16.51	7.938	231.5	18.72	14.72	78.33	80.1	-1.767	0.31	22.57	26.504	696.6	0	
"2010-10-30	14:00:00"	10.33	238.1	16.65	17.1	8.45	239.2	19.53	17.1	82.8	84.7	-1.903	0.311	18.84	26.473	737.54	0	
"2010-10-30	15:00:00"	9.31	227.8	26.2	18.3	7.199	228.2	34.39	14.72	84.5	86.4	-1.898	0.311	14.28	26.439	694.94	0	
"2010-10-30	16:00:00"	8.64	208.4	30.55	18.89	6.577	210.4	37.7	15.31	85	86.7	-1.67	0.311	15.23	26.413	605.32	0	
"2010-10-30	17:00:00"	9.76	229.3	30.66	18.3	7.469	230.8	33.85	15.31	86.2	87.5	-1.317	0.31	13.9	26.399	456.46	0	
"2010-10-30	18:00:00"	10.98	255.2	12.51	18.89	8.32	256.6	15.14	14.72	86.2	86.8	-0.624	0.307	12.52	26.391	269.75	0	
"2010-10-30	19:00:00"	9.09	258.7	8.73	17.7	6.015	259.8	12.28	13.52	83.9	82.9	1.054	0.308	16.01	26.387	75.185	0	
"2010-10-30	20:00:00"	5.064	216.8	30.33	8.75	2.248	202.8	46.06	5.771	79.17	75.61	3.562	0.304	21.06	26.391	0.69418	0	
"2010-10-30	21:00:00"	6.165	195	10.04	9.95	2.768	200.9	15.37	5.175	72.62	69.71	2.912	0.305	26.85	26.405	0	0	
"2010-10-30	22:00:00"	6.854	196.7	7.612	10.54	2.948	197	11.71	6.964	68.91	65.97	2.942	0.307	29.9	26.404	0	0	
"2010-10-30	23:00:00"	6.597	197.6	11.17	11.14	2.288	206.2	18.42	6.964	65.51	62.63	2.877	0.304	33.1	26.402	0	0	
"2010-10-31	00:00:00"	7.464	206.5	13.14	9.95	3.338	214.9	18.23	7.561	63.63	60.96	2.671	0.305	35.38	26.405	0	0	
"2010-10-31	01:00:00"	7.465	209.2	8.18	9.95	1	217.3	11.84	1.596	62.49	59.39	3.106	0.306	37.89	26.404	0	0	
"2010-10-31	02:00:00"	7.37	205.5	6.644	11.14	3.313	208.4	11.98	6.368	60.01	57.29	2.716	0.307	41.56	26.398	0	0	
"2010-10-31	03:00:00"	6.955	216.3	14.15	10.54	2.891	224.2	19.71	6.964	58.23	55.34	2.887	0.309	44.97	26.398	0	0	
"2010-10-31	04:00:00"	7.321	212.5	11.01	10.54	2.888	218.2	16.27	6.964	56.68	54.14	2.535	0.308	46.78	26.394	0	0	
"2010-10-31	05:00:00"	8.53	218.4	10.55	11.74	4.683	221.5	15.22	8.16	55.79	53.51	2.278	0.304	48.44	26.383	0	0	
"2010-10-31	06:00:00"	6.629	215.2	4.218	11.14	1.958	212.8	8.32	6.964	54.67	51.79	2.881	0.302	51.32	26.377	0	0	
"2010-10-31	07:00:00"	6.941	206.5	8.05	8.75	2.517	198.5	12.6	6.368	53.06	48.95	4.107	0.297	56.4	26.379	0	0	
"2010-10-31	08:00:00"	6.662	201.8	6.21	10.54	1.65	197.7	12.8	5.175	50.58	46.93	3.657	0.294	60.55	26.387	0.36163	0	
"2010-10-31	09:00:00"	6.976	217.5	9.74	10.54	2.974	218.1	14.42	9.35	49.99	48.07	1.922	0.293	59.94	26.401	51.347	0	
"2010-10-31	10:00:00"	7.176	218.9	11.09	10.54	5.212	220.7	15.58	8.75	54.25	54.75	-0.496	0.302	50.17	26.422	224.05	0	
"2010-10-31	11:00:00"	4.658	274.6	62.24	8.75	2.977	277.8	62.54	6.964	63.53	64.14	-0.609	0.31	36.56	26.437	290.23	0	
"2010-10-31	12:00:00"	7.428	312.4	30.25	20.68	4.588	310.2	34.53	16.51	71.97	73.39	-1.412	0.31	25.38	26.443	560.75	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-10-31	13:00:00"	13.81	299.6	16.23	24.86	8.54	298.9	17.81	20.68	77.54	79.41	-1.872	0.309	15.08	26.436	691.86	0	
"2010-10-31	14:00:00"	14.86	294	13.62	23.66	9.21	294	15.89	20.68	79.2	80.9	-1.733	0.308	12.1	26.418	589.82	0	
"2010-10-31	15:00:00"	16.11	291.9	13.17	23.66	9.97	292.5	15.41	18.89	79.97	81.8	-1.864	0.309	11.07	26.391	658.49	0	
"2010-10-31	16:00:00"	15.45	294.6	14.5	26.65	9.47	294.4	17.11	22.47	80.6	82.4	-1.766	0.308	10.86	26.38	565.85	0	
"2010-10-31	17:00:00"	11.84	280.2	15.55	20.68	7.279	282.4	17.45	17.1	80.8	82.2	-1.316	0.309	11.16	26.375	409.94	0	
"2010-10-31	18:00:00"	7.685	298.7	17.95	15.91	4.056	299.1	20.06	10.54	80.1	80.2	-0.119	0.307	12.41	26.381	142.59	0	
"2010-10-31	19:00:00"	6.846	290.3	28.28	11.14	3.387	293.6	34.84	8.16	77.48	75.35	2.124	0.305	15.8	26.391	36.883	0	
"2010-10-31	20:00:00"	6.322	341.9	28.73	9.35	1.159	346	26.14	3.982	75.29	68.02	7.264	0.305	21.11	26.409	0.44689	0	
"2010-10-31	21:00:00"	4.912	19.52	8.9	7.561	1	35.33	12.59	1	73.23	66	7.234	0.305	22.99	26.42	0	0	
"2010-10-31	22:00:00"	6.583	21.65	6.557	8.75	1	28.12	15.46	1	71.12	61.56	9.56	0.305	26.86	26.432	0	0	
"2010-10-31	23:00:00"	6.003	44.43	6.414	8.75	1	37.39	12.51	1	70.78	60.98	9.8	0.304	27.47	26.448	0	0	
"2010-11-01	00:00:00"	8.05	25.01	10.44	11.14	1	24.92	15.97	1	65.29	57.15	8.14	0.304	30.82	26.462	0	0	
"2010-11-01	01:00:00"	8.63	20.6	6.658	12.33	2.009	25.55	12.14	6.964	59.4	54.19	5.208	0.309	34.85	26.466	0	0	
"2010-11-01	02:00:00"	9.54	27.61	5.843	14.12	4.879	26.52	10.48	9.35	57.27	52.82	4.447	0.305	36.81	26.468	0	0	
"2010-11-01	03:00:00"	10.32	48.99	15.39	13.52	6.123	48.09	16.9	9.35	52.6	50.99	1.61	0.296	41.52	26.482	0	0	
"2010-11-01	04:00:00"	9.82	60.86	13.46	12.93	5.727	57.65	16.5	9.35	50.44	48.9	1.543	0.294	48.92	26.478	0	0	
"2010-11-01	05:00:00"	10.03	44.95	11.22	13.52	5.986	44.53	14.61	9.35	47.75	46.47	1.275	0.291	56.91	26.485	0	0	
"2010-11-01	06:00:00"	11.19	31.41	7.55	15.31	6.991	30.87	13.09	12.33	46.05	45.02	1.028	0.291	62.48	26.496	0	0	
"2010-11-01	07:00:00"	11.99	32.33	9.28	17.7	7.795	32.63	14.13	13.52	44.96	44.15	0.807	0.292	67.43	26.511	0	0	
"2010-11-01	08:00:00"	12.04	29.38	8.79	17.1	8.16	29.98	14.28	13.52	43.83	43.26	0.564	0.291	70.38	26.522	0.08467	0	
"2010-11-01	09:00:00"	10.8	18.13	15.45	15.31	7.431	14.87	20.93	12.93	43.38	43.07	0.308	0.294	71.61	26.545	44.842	0	
"2010-11-01	10:00:00"	10.77	14.34	8.81	16.51	6.565	10.83	15.3	14.72	48.97	49.74	-0.761	0.295	60.66	26.58	230.95	0	
"2010-11-01	11:00:00"	11.52	26.42	10.99	16.51	8.74	25.58	16.89	13.52	54.05	55.57	-1.516	0.304	51.46	26.595	400.29	0	
"2010-11-01	12:00:00"	11.88	34	15.69	17.7	8.39	32.95	20.16	15.31	58.38	60.32	-1.944	0.311	44.22	26.597	520.56	0	
"2010-11-01	13:00:00"	9.16	33.06	19	17.7	6.969	32.89	23.75	14.72	60.29	62.27	-1.981	0.308	40.82	26.59	481.63	0	
"2010-11-01	14:00:00"	6.053	34.53	29.37	12.93	4.549	31.25	32.4	10.54	61.41	62.87	-1.466	0.312	39.4	26.567	421.94	0	
"2010-11-01	15:00:00"	6.724	7.554	31.72	16.51	4.939	5.972	39.78	12.93	64.18	66.38	-2.199	0.308	35.01	26.54	669.48	0	
"2010-11-01	16:00:00"	9.59	11.36	22.89	15.91	7.379	8.5	26.82	14.12	66.1	68.34	-2.242	0.307	32.15	26.537	592.63	0	
"2010-11-01	17:00:00"	12.13	12.7	14.43	21.28	8.5	9.14	20.44	17.7	67.78	69.62	-1.845	0.306	29.83	26.541	441.93	0	
"2010-11-01	18:00:00"	15.36	15.42	14.22	26.05	11.35	12.43	19.91	21.87	67.76	68.66	-0.895	0.305	30.92	26.559	250.96	0	
"2010-11-01	19:00:00"	13.96	17.47	9.58	23.07	10.16	15.03	16.42	17.1	66.72	66.74	-0.023	0.306	32.45	26.578	81.804	0	
"2010-11-01	20:00:00"	16.43	16.23	8.61	26.65	12.05	13.5	15	23.07	64.29	64	0.293	0.305	35.05	26.618	0.49654	0	
"2010-11-01	21:00:00"	15.73	19.92	8.04	23.07	11.4	17.63	15.39	20.09	61.36	61.01	0.349	0.308	37.85	26.659	0	0	
"2010-11-01	22:00:00"	10.92	21.6	6.4	19.49	7.323	19.64	13.77	14.72	56.81	55.94	0.871	0.306	45.48	26.686	0	0	
"2010-11-01	23:00:00"	10.63	17.92	6.871	15.31	6.989	15.01	13.82	11.74	53.08	52.16	0.925	0.298	51.97	26.709	0	0	
"2010-11-02	00:00:00"	12.12	17.12	7.562	17.1	8.4	15	13.9	13.52	52.13	51.45	0.683	0.296	52.03	26.72	0	0	
"2010-11-02	01:00:00"	12.27	9.43	10.19	17.1	8.66	5.649	14.94	13.52	50.79	50.15	0.646	0.295	53.73	26.72	0	0	
"2010-11-02	02:00:00"	11.87	4.99	11.77	15.91	8.07	0.249	15	12.33	49.61	48.86	0.746	0.292	58.1	26.714	0	0	
"2010-11-02	03:00:00"	11.16	340.2	18.29	15.91	6.961	337.5	18.23	12.93	48.06	47.37	0.695	0.291	64.52	26.715	0	0	
"2010-11-02	04:00:00"	10.87	334.3	8.22	14.72	7.126	332.3	10.98	11.74	45.11	44.47	0.636	0.291	70.94	26.709	0	0	
"2010-11-02	05:00:00"	12.6	337.9	8.84	17.1	8.57	336.2	11.68	14.12	45.31	44.68	0.636	0.293	71.8	26.703	0	0	
"2010-11-02	06:00:00"	13.5	340.9	7.328	18.3	9.38	338.4	10.2	15.31	45.96	45.35	0.601	0.293	69.45	26.699	0	0	
"2010-11-02	07:00:00"	13.89	340	7.741	18.89	9.72	337.8	10.38	15.31	45.37	44.8	0.569	0.293	69.35	26.701	0	0	
"2010-11-02	08:00:00"	13.25	338.3	7.585	18.3	8.71	336.4	10.28	15.31	45.3	44.69	0.609	0.292	68.91	26.708	0.10068	0	
"2010-11-02	09:00:00"	12.59	341.7	8.12	17.7	8.83	338.8	11.8	14.12	45.58	45.25	0.327	0.294	66.87	26.721	47.951	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-02	10:00:00"	12.59	354.4	14.02	22.47	9.23	350	14.91	18.89	50.75	51.45	-0.694	0.296	55.06	26.745	227.42	0
"2010-11-02	11:00:00"	17.58	5.884	11.24	24.26	13.14	1.381	16.78	21.28	57.01	58.24	-1.23	0.308	44.3	26.75	415.43	0
"2010-11-02	12:00:00"	15.5	10.45	14.01	23.07	11.63	7.157	18.74	17.7	61.11	63.05	-1.939	0.309	37.49	26.741	572.23	0
"2010-11-02	13:00:00"	15.68	11.65	13.99	23.66	11.99	7.504	19.08	20.09	63.52	65.74	-2.219	0.307	33.28	26.726	678.04	0
"2010-11-02	14:00:00"	15.29	12.91	20.1	22.47	11.62	10.12	23.84	19.49	65.45	67.9	-2.454	0.308	29.53	26.698	718.81	0
"2010-11-02	15:00:00"	15.22	7.884	18.51	24.26	11.52	4.624	22.26	21.28	66.86	69.17	-2.312	0.306	26.42	26.659	651.77	0
"2010-11-02	16:00:00"	14.71	6.881	19.5	24.26	11.18	3.806	23.56	21.28	67.71	69.95	-2.239	0.309	24.99	26.631	596.49	0
"2010-11-02	17:00:00"	15.37	7.227	14.28	23.66	11.48	3.67	18.68	21.28	67.99	69.68	-1.684	0.308	23.83	26.612	447.28	0
"2010-11-02	18:00:00"	15.39	11.91	12.49	24.26	11.2	8.81	18.35	19.49	68.03	68.89	-0.863	0.307	23.82	26.6	261.15	0
"2010-11-02	19:00:00"	13.09	14.07	9.67	21.87	9.35	11.54	16.09	18.89	66.36	66.01	0.351	0.306	25.89	26.605	71.966	0
"2010-11-02	20:00:00"	8.92	15.62	5.01	10.54	3.951	9.31	11.49	8.16	60.86	56.62	4.237	0.307	35.17	26.624	0.5368	0
"2010-11-02	21:00:00"	9.76	14.88	2.851	11.14	2.591	6.454	9.28	5.175	57.23	50.27	6.961	0.306	43.05	26.64	0	0
"2010-11-02	22:00:00"	9.91	16.52	3.508	12.33	3.335	11.38	9.99	5.771	53.46	47.77	5.692	0.299	47.74	26.646	0	0
"2010-11-02	23:00:00"	9.81	14.68	4.331	11.14	4.197	9.61	10.35	6.368	50.64	46.45	4.194	0.294	50.64	26.657	0	0
"2010-11-03	00:00:00"	9.92	7.854	3.616	11.14	4.335	1.732	11.14	6.368	50.06	45.85	4.212	0.292	52.49	26.659	0	0
"2010-11-03	01:00:00"	9.6	7.027	8.57	11.14	4.552	2.163	13.62	6.368	47.51	44.66	2.849	0.291	55.77	26.658	0	0
"2010-11-03	02:00:00"	10.09	0.431	12.36	12.93	5.6	354.7	10.78	9.35	46.73	44.65	2.077	0.29	56.43	26.654	0	0
"2010-11-03	03:00:00"	9.58	2.16	10.65	11.74	5.156	355.8	13.33	7.561	46.82	44.68	2.136	0.291	56.89	26.65	0	0
"2010-11-03	04:00:00"	9.35	342.3	9.48	11.74	5.381	338.5	12.12	8.16	45.34	43.94	1.397	0.29	58.24	26.645	0	0
"2010-11-03	05:00:00"	10.03	341.6	7.407	12.93	5.985	339.4	11.11	9.95	45.01	43.61	1.396	0.29	59.42	26.637	0	0
"2010-11-03	06:00:00"	10.77	345.7	7.108	13.52	6.732	343.2	11.46	10.54	46.59	45.35	1.239	0.29	57.01	26.637	0	0
"2010-11-03	07:00:00"	10.63	348.1	11.11	13.52	4.913	345.7	12.9	9.95	46.01	44.73	1.275	0.29	58.44	26.644	0	0
"2010-11-03	08:00:00"	10.06	326.5	20.05	13.52	3.382	325.4	20.44	8.75	42.94	41.99	0.958	0.291	62.84	26.655	0.09416	0
"2010-11-03	09:00:00"	10.24	333.1	12	14.12	6.408	332.3	13.99	11.74	43.48	42.9	0.576	0.292	61.58	26.674	45.528	0
"2010-11-03	10:00:00"	10.65	355.5	12.57	16.51	7.848	351.4	13.43	14.12	52.27	52.93	-0.654	0.301	46.93	26.7	221.88	0
"2010-11-03	11:00:00"	12.62	359.2	12.3	18.3	9.64	354.7	15.97	15.31	57.94	59.37	-1.421	0.309	37.42	26.714	410.52	0
"2010-11-03	12:00:00"	13.66	11.85	13.5	20.68	10.29	7.616	19.25	17.1	61.66	63.61	-1.952	0.31	31.59	26.722	568.54	0
"2010-11-03	13:00:00"	16.42	33.83	15.02	25.45	12.25	33.13	19.11	20.68	65.6	67.74	-2.142	0.308	26.9	26.723	670.67	0
"2010-11-03	14:00:00"	18.47	32.4	13.17	31.42	13.89	32.49	17.95	23.66	67.33	69.62	-2.285	0.307	25.13	26.702	706.24	0
"2010-11-03	15:00:00"	19.42	36.29	13.15	32.61	14.38	36.11	17.25	25.45	69.87	72.12	-2.245	0.307	21.97	26.675	666.64	0
"2010-11-03	16:00:00"	21.5	37.7	13.34	33.21	15.69	37.44	17.53	27.24	70.64	72.5	-1.866	0.306	21.15	26.666	578.27	0
"2010-11-03	17:00:00"	20.13	31.56	11.55	33.8	15.08	31.38	16.85	27.24	70.55	71.95	-1.409	0.306	22.57	26.661	420.51	0
"2010-11-03	18:00:00"	22.28	29.87	11.55	32.01	16.42	29.12	16.43	27.24	69.88	70.47	-0.585	0.307	23.86	26.66	231.99	0
"2010-11-03	19:00:00"	17.4	32	8.53	30.82	12.64	31.33	13.87	24.26	67.78	67.48	0.299	0.304	27.13	26.67	55.737	0
"2010-11-03	20:00:00"	12.68	33.81	7.412	19.49	8.91	33.44	12.15	15.31	64.27	63.41	0.861	0.304	30.91	26.692	0.44167	0
"2010-11-03	21:00:00"	8.79	19.86	6.641	13.52	3.719	13.65	12.97	11.14	58.96	56.39	2.564	0.305	38.84	26.715	0	0
"2010-11-03	22:00:00"	9.75	13.35	3.892	11.74	2.36	6.163	10.51	6.964	54.85	50.55	4.295	0.304	47.23	26.73	0	0
"2010-11-03	23:00:00"	9.66	9.55	7.189	11.74	4.614	3.609	12.29	6.964	52.69	50.18	2.513	0.298	49.03	26.748	0	0
"2010-11-04	00:00:00"	9.93	7.735	6.555	12.33	4.972	2.72	12.26	8.16	50.85	48.59	2.253	0.294	52.26	26.764	0	0
"2010-11-04	01:00:00"	9.63	6.298	6.962	11.74	2.824	0.47	12.77	6.964	49	46.42	2.584	0.293	56.52	26.769	0	0
"2010-11-04	02:00:00"	9.48	3.449	10.46	11.74	5.323	357.4	13.44	8.75	47.83	46.07	1.756	0.293	57.96	26.772	0	0
"2010-11-04	03:00:00"	9.3	8.01	11.87	11.74	4.94	3.792	16.2	8.16	45.95	43.78	2.161	0.291	62.95	26.774	0	0
"2010-11-04	04:00:00"	10.47	9.09	9.31	14.72	6.292	4.999	14.19	10.54	44.93	43.5	1.43	0.292	64.23	26.778	0	0
"2010-11-04	05:00:00"	9.87	16.12	7.028	12.93	5.674	13.13	13.99	9.35	43.04	41.57	1.469	0.291	67.18	26.786	0	0
"2010-11-04	06:00:00"	10.24	9.36	6.875	12.93	5.98	4.993	13.4	9.35	41.53	40.06	1.47	0.292	70.26	26.785	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-11-04	07:00:00"	9.26	3.101	10.69	11.74	5.237	357.2	11.87	8.16	40.84	39.41	1.437	0.291	70.73	26.789	0	0
"2010-11-04	08:00:00"	9.76	1.519	11.47	12.33	5.727	355.2	12.33	8.75	39.08	37.81	1.27	0.291	72.99	26.799	0.10904	0
"2010-11-04	09:00:00"	10.61	6.402	10.14	14.72	7.048	1.847	14.41	13.52	40.08	39.49	0.588	0.292	68.62	26.811	45.25	0
"2010-11-04	10:00:00"	10.47	16.56	8.11	14.72	7.749	14.5	15.42	12.93	45.88	46.57	-0.686	0.294	54.28	26.835	221.89	0
"2010-11-04	11:00:00"	11.86	28.15	11.99	18.3	8.84	27.45	17.07	15.31	51.8	53.27	-1.471	0.299	40.23	26.84	408.89	0
"2010-11-04	12:00:00"	10.74	38.01	18.9	16.51	7.992	37.12	22.68	13.52	53.72	55.85	-2.132	0.304	35.15	26.835	562.57	0
"2010-11-04	13:00:00"	7.567	33.08	29.59	14.72	5.69	32.07	35.08	12.33	55.62	57.85	-2.22	0.309	31.84	26.813	666.38	0
"2010-11-04	14:00:00"	8.15	24.05	26.52	17.7	3.025	21.45	31.57	11.74	58.01	60.44	-2.429	0.311	27.19	26.779	701.76	0
"2010-11-04	15:00:00"	6.846	18.52	40.55	15.31	4.926	18.53	45.71	13.52	59.15	61.24	-2.093	0.312	25.03	26.741	689.19	0
"2010-11-04	16:00:00"	7.606	31.05	35.21	14.72	5.766	33.92	40.01	12.93	60.27	62.22	-1.943	0.31	24.04	26.711	531.63	0
"2010-11-04	17:00:00"	6.567	26.72	40.05	14.12	5.03	21.27	41.36	12.93	61.09	62.82	-1.726	0.312	23.98	26.692	431.84	0
"2010-11-04	18:00:00"	4.253	354.7	68.43	9.95	1.994	354.2	73.6	7.561	61.4	62.47	-1.07	0.311	24.6	26.676	251.95	0
"2010-11-04	19:00:00"	4.983	52.19	28.5	8.16	1.638	50.99	27.05	7.561	60.49	59.9	0.584	0.31	27.22	26.667	65.428	0
"2010-11-04	20:00:00"	5.178	83.4	10.42	6.368	1	75.24	10.14	1	58.62	54.21	4.41	0.308	33.18	26.665	0.30808	0
"2010-11-04	21:00:00"	5.429	63.9	6.748	6.368	1	49.7	8.58	1	57.23	50.64	6.595	0.307	36.97	26.67	0	0
"2010-11-04	22:00:00"	5.83	91.4	11.94	8.75	1.547	60.06	18.37	5.175	55.64	47.56	8.08	0.303	40.37	26.667	0	0
"2010-11-04	23:00:00"	6.124	120.7	14.01	7.561	1	78.88	31.02	1	53.01	46.7	6.308	0.297	40.67	26.677	0	0
"2010-11-05	00:00:00"	3.999	236	35.23	8.75	1.203	281.2	44.38	5.771	50.09	45.28	4.802	0.292	42.71	26.676	0	0
"2010-11-05	01:00:00"	1.017	176.3	52.17	2.193	1	21.82	31.19	1	51.03	44.41	6.622	0.294	44.41	26.673	0	0
"2010-11-05	02:00:00"	1.321	141.9	5.197	4.578	1	69.84	15.97	1	50.37	46.51	3.861	0.292	39.17	26.671	0	0
"2010-11-05	03:00:00"	5.669	121.7	9.38	6.964	1	72.95	14.51	1	49.7	45.45	4.255	0.293	39.51	26.662	0	0
"2010-11-05	04:00:00"	6.965	122.5	3.901	8.16	1.01	79.39	7.541	3.386	49.21	43.76	5.449	0.29	41.07	26.658	0	0
"2010-11-05	05:00:00"	7.095	127.8	7.117	8.75	1.028	90	11.73	3.386	49.25	43.65	5.597	0.292	41.24	26.653	0	0
"2010-11-05	06:00:00"	5.157	147.6	18.11	7.561	1	129.4	49.94	1	47.23	44.01	3.224	0.29	40.35	26.645	0	0
"2010-11-05	07:00:00"	2.527	165.1	32.16	4.578	1	172	59.58	1	45.05	42.22	2.834	0.289	43.15	26.645	0	0
"2010-11-05	08:00:00"	5.463	144.3	8.25	7.561	1	101	16.87	1	45.59	40.84	4.75	0.29	45.28	26.647	0.08727	0
"2010-11-05	09:00:00"	6.985	139.5	7.044	8.16	1	102.4	16.33	1	45.64	40.45	5.182	0.291	46.13	26.664	43.045	0
"2010-11-05	10:00:00"	6.302	116.8	11.62	8.75	3.407	113.6	14.93	7.561	47.75	48.23	-0.48	0.294	36.76	26.683	219.01	0
"2010-11-05	11:00:00"	7.428	149.2	22.21	12.93	5.295	147.1	24.13	11.14	53.34	54.27	-0.934	0.302	30.54	26.687	406.04	0
"2010-11-05	12:00:00"	10.24	178.5	15.84	15.31	7.851	175.5	20.21	12.93	57.71	59.21	-1.506	0.312	25.98	26.679	562.39	0
"2010-11-05	13:00:00"	10.96	179.2	16.57	17.7	8.48	177.5	20.58	14.72	60.76	62.6	-1.842	0.313	24.23	26.667	667.52	0
"2010-11-05	14:00:00"	10.63	193.6	19.44	18.3	8.14	193.9	24.38	14.12	63.62	65.78	-2.152	0.31	22.49	26.64	707.12	0
"2010-11-05	15:00:00"	10	193.3	21.27	17.1	7.628	193.6	26.74	14.72	65.33	67.4	-2.074	0.308	21.94	26.609	665.8	0
"2010-11-05	16:00:00"	10.47	205.8	19.06	19.49	7.938	207.1	23.96	15.91	66.78	68.88	-2.103	0.307	21.61	26.584	584.58	0
"2010-11-05	17:00:00"	10.29	212.2	20.45	17.1	7.807	212.7	24.53	14.12	68	69.6	-1.605	0.308	21.65	26.569	436.82	0
"2010-11-05	18:00:00"	10.09	200.9	15.32	17.7	7.357	199.9	19.59	14.72	68.1	69.08	-0.973	0.306	22.33	26.558	254.15	0
"2010-11-05	19:00:00"	8.31	180.7	11.69	15.31	4.527	176.5	16.11	10.54	66.24	65.45	0.792	0.305	25.19	26.556	66.577	0
"2010-11-05	20:00:00"	8.11	156.4	4.943	9.95	1	142.5	5.727	1	61.65	57.37	4.278	0.306	32.32	26.564	0.38552	0
"2010-11-05	21:00:00"	9.17	155.9	5.02	11.74	3.109	147.8	7.444	6.964	58.91	55.66	3.252	0.309	33.8	26.569	0	0
"2010-11-05	22:00:00"	9.54	155.3	6.623	11.74	3.682	151.1	9.21	7.561	56.74	54.64	2.099	0.308	34.86	26.576	0	0
"2010-11-05	23:00:00"	9.91	161.1	5.887	12.33	5.53	157	8.39	8.16	54.25	52.65	1.607	0.301	37.19	26.587	0	0
"2010-11-06	00:00:00"	8.64	169	8.2	11.74	4.434	167.9	12.18	8.16	51.42	49.86	1.566	0.295	40.04	26.59	0	0
"2010-11-06	01:00:00"	6.952	183	7.377	9.95	1.919	186.3	11.53	6.368	49.76	47.6	2.153	0.292	42.69	26.587	0	0
"2010-11-06	02:00:00"	7.374	198.1	5.622	9.35	1	207.8	9.43	1	49.25	46.35	2.895	0.292	44.06	26.587	0	0
"2010-11-06	03:00:00"	7.904	190.3	5.938	11.74	2.482	191.9	10.2	7.561	48.02	45.47	2.551	0.29	44.29	26.583	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-06	04:00:00"	7.497	201.3	5.511	9.35	2.435	211.6	9.04	4.578	47.26	44.21	3.05	0.29	45.46	26.576	0	0
"2010-11-06	05:00:00"	6.901	200.7	3.418	8.16	1	211.1	6.435	1	46.23	43.36	2.876	0.29	46.35	26.571	0	0
"2010-11-06	06:00:00"	6.57	208.8	5.463	7.561	1	217	6.009	1	45.84	42.9	2.943	0.289	46.85	26.575	0	0
"2010-11-06	07:00:00"	7.351	209.9	5.079	9.95	1.535	218.3	8.2	5.771	45.86	42.78	3.082	0.29	46.75	26.583	0	0
"2010-11-06	08:00:00"	7.524	214.9	5.473	11.14	2.463	221.5	8.3	5.771	45.52	42.52	2.999	0.291	46.93	26.591	0.07115	0
"2010-11-06	09:00:00"	6.994	218.3	6.602	10.54	2.633	225.7	9.67	7.561	45.1	43.15	1.947	0.292	46.31	26.609	42.525	0
"2010-11-06	10:00:00"	7.509	202.5	10.32	12.93	3.958	203.3	15.31	10.54	48.82	49.36	-0.537	0.294	38.8	26.632	219.67	0
"2010-11-06	11:00:00"	9.52	205.2	10.43	12.93	7.027	205.7	15.4	11.14	56.25	57.55	-1.296	0.309	31.87	26.636	408.13	0
"2010-11-06	12:00:00"	8.87	201.4	16.68	14.72	6.759	200.9	22.56	11.74	63.32	64.99	-1.662	0.312	26.01	26.637	566.49	0
"2010-11-06	13:00:00"	12.46	211.2	13.28	20.09	9.46	211.4	17.87	16.51	68.31	70.35	-2.04	0.307	20.15	26.631	673.56	0
"2010-11-06	14:00:00"	11.37	211.2	16.26	18.89	8.68	212.2	20.9	15.31	70.36	72.54	-2.177	0.309	18.15	26.615	713.59	0
"2010-11-06	15:00:00"	11.16	198.1	21.69	18.3	8.55	197.4	25.95	14.72	71.84	73.97	-2.132	0.308	16.66	26.594	672.64	0
"2010-11-06	16:00:00"	11.54	186.5	17.67	21.87	8.79	183.8	21.52	18.3	73.16	75.09	-1.923	0.306	15.8	26.58	591.87	0
"2010-11-06	17:00:00"	13.51	188.3	12.72	20.09	10.03	187.3	17.42	16.51	73.75	75.27	-1.517	0.304	14.19	26.575	444.1	0
"2010-11-06	18:00:00"	12.65	181	9.28	19.49	9.23	179.4	13.35	15.31	73.53	74.26	-0.723	0.306	14.3	26.572	257.96	0
"2010-11-06	19:00:00"	10.41	177	9.63	17.7	6.643	173.3	13.37	13.52	70.8	69.9	0.893	0.304	17.21	26.577	66.686	0
"2010-11-06	20:00:00"	9.55	158.8	6.505	12.93	4.673	151.5	7.511	8.16	64.7	61.34	3.356	0.305	24.17	26.594	0.31434	0
"2010-11-06	21:00:00"	10.59	153.8	6.9	15.31	6.594	151.4	8.68	11.14	59.28	58.15	1.125	0.308	29.65	26.608	0	0
"2010-11-06	22:00:00"	9.94	158.2	7.834	14.12	6.209	155.2	9.4	9.95	56.72	55.67	1.051	0.307	33.38	26.619	0	0
"2010-11-06	23:00:00"	9.7	162.7	7.655	13.52	6.266	159.8	9.99	9.95	53.56	52.7	0.867	0.301	36.37	26.63	0	0
"2010-11-07	00:00:00"	8.26	171.5	10.38	11.74	4.655	171.6	14.42	7.561	51.61	50.2	1.412	0.294	37.94	26.637	0	0
"2010-11-07	01:00:00"	8.87	179.5	9.44	12.33	5.051	180.2	14.68	8.75	50.92	49.41	1.515	0.292	37.18	26.632	0	0
"2010-11-07	02:00:00"	8.77	182.7	9.14	11.74	5.136	184.2	14.1	8.75	49.72	48.33	1.388	0.292	37	26.631	0	0
"2010-11-07	03:00:00"	9.48	179.2	7.451	12.93	5.848	177.1	11.64	9.35	48.51	47.3	1.215	0.293	37.22	26.622	0	0
"2010-11-07	04:00:00"	8.82	183.2	8.59	12.93	5.291	184.6	13.01	9.95	47.42	46.17	1.257	0.292	37.86	26.611	0	0
"2010-11-07	05:00:00"	7.794	193	7.209	11.74	2.545	200.9	11.51	6.368	46.04	43.75	2.291	0.29	41.06	26.606	0	0
"2010-11-07	06:00:00"	8.33	189.6	7.867	11.74	4.336	196.8	12.18	6.368	45.24	43.24	2.002	0.29	42.04	26.603	0	0
"2010-11-07	07:00:00"	7.73	193.3	9.47	10.54	3.389	203.3	16.02	6.368	45.12	42.06	3.057	0.289	43.85	26.602	0	0
"2010-11-07	08:00:00"	7.423	209.8	8.5	9.35	3.523	223.4	11.33	5.771	44.66	41.69	2.972	0.29	44.2	26.601	0.0676	0
"2010-11-07	09:00:00"	6.978	216.5	11.34	9.35	3.094	224.5	14.26	6.368	44.14	42.05	2.089	0.292	44.05	26.611	42.565	0
"2010-11-07	10:00:00"	8.32	210.4	18.74	13.52	6.047	211.2	22.22	11.14	47.52	48	-0.488	0.293	36.57	26.631	222.46	0
"2010-11-07	11:00:00"	11.28	198.4	12.58	15.31	7.442	198.4	17.37	12.33	55.06	56.35	-1.29	0.305	29.7	26.632	384.82	0
"2010-11-07	12:00:00"	10.66	188.2	16.87	15.91	7.729	185.6	21.17	14.12	60.27	61.94	-1.665	0.311	25.85	26.626	578.84	0
"2010-11-07	13:00:00"	11.08	183.5	14.39	15.91	8.44	181.2	18.01	13.52	65.91	67.82	-1.918	0.306	21.95	26.606	680.47	0
"2010-11-07	14:00:00"	11.97	195.9	16.85	18.3	9.06	194.1	21.31	14.72	69.98	72.08	-2.1	0.306	18.67	26.576	692.59	0
"2010-11-07	15:00:00"	13.02	191.3	13.14	19.49	9.76	189.9	17.93	16.51	72.25	74.35	-2.1	0.306	16.26	26.544	643.46	0
"2010-11-07	16:00:00"	14.25	192.9	14.97	22.47	10.53	191.3	18.73	17.1	74.14	76	-1.862	0.307	14.38	26.518	570.6	0
"2010-11-07	17:00:00"	14.14	195.4	11.93	22.47	10.26	194.3	17.07	17.7	73.91	74.8	-0.898	0.306	15	26.503	294.7	0
"2010-11-07	18:00:00"	14.36	186.3	10.37	21.28	10.44	184.8	14.69	17.1	74.17	74.73	-0.567	0.305	15.34	26.494	244.41	0
"2010-11-07	19:00:00"	11.37	177.1	8.24	18.3	7.656	174.7	12.01	14.72	71.42	70.67	0.75	0.306	18.72	26.487	45.254	0
"2010-11-07	20:00:00"	9.85	160.9	6.747	15.31	5.92	156.4	9.1	9.95	64.62	62.92	1.704	0.305	26.4	26.489	0.43713	0
"2010-11-07	21:00:00"	12.06	151.2	7.206	17.1	8.04	147	8.89	13.52	60.31	59.29	1.015	0.309	29.12	26.49	0	0
"2010-11-07	22:00:00"	13.71	166	9.58	19.49	9.86	163.5	11.94	15.91	58.87	58.23	0.644	0.31	30.07	26.484	0	0
"2010-11-07	23:00:00"	12.91	180.1	9.78	20.09	9.09	178.4	13.46	16.51	57.51	56.85	0.66	0.308	37.25	26.488	0	0
"2010-11-08	00:00:00"	11.02	186	8.45	17.1	7.391	186.4	13	14.12	55.05	54.17	0.885	0.303	45.66	26.487	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-08	01:00:00"	9.17	189.8	8.77	14.72	5.917	192.2	13.15	11.74	52.75	51.66	1.094	0.297	51.29	26.482		0	0
"2010-11-08	01:00:00"	8.38	191.5	5.206	11.14	4.469	196.1	9.92	7.561	50.19	47.73	2.465	0.294	57.78	26.47		0	0
"2010-11-08	02:00:00"	7.487	199.4	5.057	9.35	3.68	210	8.94	5.771	48.1	45.24	2.858	0.291	62.91	26.452		0	0
"2010-11-08	03:00:00"	7.951	206.9	5.417	9.95	4.285	215.6	9.6	6.368	47.42	44.94	2.485	0.291	65.12	26.439		0	0
"2010-11-08	04:00:00"	8.43	211.9	5.809	10.54	4.886	217.2	10.52	7.561	46.23	44.54	1.689	0.292	66.39	26.425		0	0
"2010-11-08	05:00:00"	8.13	209	5.633	10.54	4.28	212	11.35	7.561	45.02	43.29	1.736	0.292	69.27	26.415		0	0
"2010-11-08	06:00:00"	7.908	211.2	8	10.54	4.467	217	13.5	8.75	44.71	42.76	1.942	0.293	71.13	26.41		0	0
"2010-11-08	07:00:00"	7.85	215.9	6.361	9.95	4.368	224.5	9.98	6.368	44.81	42.31	2.496	0.291	72	26.408	0.0537		0
"2010-11-08	08:00:00"	8.55	213.2	6.385	11.14	4.877	218.2	11.24	7.561	44.69	42.92	1.772	0.293	71.97	26.413	31.451		0
"2010-11-08	09:00:00"	10.14	201.2	9.19	17.7	7.055	202.4	13.75	12.93	47.87	48.3	-0.423	0.294	62.68	26.419	207.03		0
"2010-11-08	10:00:00"	11.46	205.2	11.77	16.51	8.61	206.8	16.3	13.52	55.55	56.83	-1.273	0.307	43.54	26.421	406.21		0
"2010-11-08	11:00:00"	12.03	213.6	12.08	17.1	9.2	214.4	16.95	14.72	61.87	63.57	-1.7	0.309	30.09	26.415	563.61		0
"2010-11-08	12:00:00"	13.43	217.1	12.27	18.89	10.2	219	16.84	16.51	67.03	69.03	-1.996	0.308	23	26.397	660.83		0
"2010-11-08	13:00:00"	13.56	219	13.33	21.28	10.34	219.4	17.76	18.89	70.72	72.96	-2.244	0.307	19.13	26.367	704.26		0
"2010-11-08	14:00:00"	14.18	216.9	12.5	21.28	10.7	217.2	16.06	18.3	74.21	76.33	-2.122	0.308	16.34	26.333	670.04		0
"2010-11-08	15:00:00"	16.2	201.7	14.73	25.45	11.9	200.6	19.13	20.09	77.07	78.86	-1.782	0.307	13.22	26.303	562.43		0
"2010-11-08	16:00:00"	15.58	202.2	13.08	23.66	11.37	201.8	17.8	18.3	77.1	78.17	-1.073	0.306	12.72	26.285	374.06		0
"2010-11-08	17:00:00"	15.35	188.8	11.2	23.66	11.07	187.4	15.87	17.7	77.3	77.88	-0.585	0.307	12.96	26.271	267.04		0
"2010-11-08	18:00:00"	13.29	176.8	16.08	24.26	9.13	174.3	18.88	18.89	73.45	72.89	0.562	0.304	17.66	26.265	51.182		0
"2010-11-08	19:00:00"	10.61	157.4	6.451	15.91	5.911	152.8	8.44	11.74	66.13	64.13	2.002	0.304	24.8	26.273	0.22757		0
"2010-11-08	20:00:00"	12.35	154.7	7.062	17.1	8.22	151.7	8.86	13.52	61.24	60.24	0.998	0.306	32.19	26.273	0		0
"2010-11-08	21:00:00"	15.09	163.3	8.18	21.28	10.99	160.3	10.34	17.1	60.77	60.1	0.67	0.307	36.37	26.27	0		0
"2010-11-08	22:00:00"	10.75	192.1	13.15	18.3	7.096	194.4	17.75	15.91	58.71	57.77	0.945	0.305	45.75	26.281	0		0
"2010-11-08	23:00:00"	10.45	182.4	8.44	15.31	6.96	181.7	12.9	11.74	56.7	55.82	0.874	0.306	52.7	26.277	0		0
"2010-11-09	00:00:00"	9.25	189.8	8.86	14.12	5.701	192.4	13.65	9.95	54.75	53.81	0.947	0.304	58.7	26.266	0		0
"2010-11-09	01:00:00"	9.72	188.4	8.59	15.31	6.018	189.2	12.89	11.74	54.74	53.79	0.955	0.305	60.27	26.256	0		0
"2010-11-09	02:00:00"	8.55	193.6	7.063	11.74	4.143	195.5	11.53	7.561	52.92	51.52	1.405	0.299	64.86	26.247	0		0
"2010-11-09	03:00:00"	8.58	207.6	8.77	11.14	3.669	211.6	12.72	8.16	50.88	49.2	1.681	0.291	69.55	26.234	0		0
"2010-11-09	04:00:00"	8.81	190.5	9.26	12.33	2.754	194.1	13.91	8.16	48.22	46.5	1.718	0.29	74.67	26.222	0		0
"2010-11-09	05:00:00"	7.988	212.1	6.918	9.95	1.327	219.1	11.76	5.175	47.21	45.21	1.999	0.291	78.28	26.222	0		0
"2010-11-09	06:00:00"	8.14	201.6	5.458	12.33	1.307	206.2	11.33	5.771	46.64	43.68	2.954	0.29	81.9	26.224	0		0
"2010-11-09	07:00:00"	7.92	216.8	8.03	9.95	1.428	223.1	10.41	5.175	45.74	43.17	2.574	0.29	84	26.232	0.01573		0
"2010-11-09	08:00:00"	7.332	223.6	6.763	9.35	1.601	231.3	10.97	5.771	44.66	42.67	1.989	0.291	85.2	26.247	35.464		0
"2010-11-09	09:00:00"	7.969	213.1	9.7	12.93	3.447	214.3	13.65	11.14	47.72	48.03	-0.301	0.294	74.39	26.268	213.67		0
"2010-11-09	10:00:00"	11.62	213.9	9.49	17.7	8.74	216	13.64	15.31	56.73	57.81	-1.086	0.308	44.23	26.273	402.03		0
"2010-11-09	11:00:00"	14.97	216.9	10.03	21.28	11.14	218	14.64	17.1	63.18	64.79	-1.617	0.31	28.96	26.269	564.83		0
"2010-11-09	12:00:00"	15.31	227.6	13.53	25.45	11.67	228.9	16.89	21.87	68.73	70.51	-1.786	0.307	19.87	26.252	629.53		0
"2010-11-09	13:00:00"	17.35	236.5	14.03	29.63	13.78	238.4	16.76	23.66	71.16	73.03	-1.87	0.305	15.4	26.222	705		0
"2010-11-09	14:00:00"	21.02	237.8	11.66	33.21	16.92	239.7	14.72	26.65	72.67	74.41	-1.735	0.305	14.49	26.19	645.24		0
"2010-11-09	15:00:00"	20.03	239.2	13.01	33.21	15.73	240.6	15.7	27.24	72.86	74.46	-1.599	0.305	14.68	26.172	566.69		0
"2010-11-09	16:00:00"	21.5	237	12.68	35.59	16.69	238.6	15.18	28.43	72.61	73.77	-1.158	0.304	14.97	26.173	419.28		0
"2010-11-09	17:00:00"	20.82	235.2	10.82	30.82	16.34	236.8	13.72	27.24	72.17	72.61	-0.436	0.304	14.92	26.181	230.06		0
"2010-11-09	18:00:00"	17.4	234.6	8.28	26.65	13.75	235.9	11.52	23.07	69.82	69.47	0.342	0.305	17.08	26.197	48.864		0
"2010-11-09	19:00:00"	11.95	242.2	9.19	20.09	9.1	243.4	12.19	17.7	65.82	64.85	0.968	0.303	20.83	26.218	0.23601		0
"2010-11-09	20:00:00"	12.35	266.1	10.46	18.89	8.63	268.4	12.74	14.72	62.87	61.82	1.054	0.306	24.26	26.236	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-09	21:00:00"	8.45	276.1	19.33	15.31	4.747	276.8	28.39	10.54	59.78	57.14	2.646	0.307	28.92	26.253	0
"2010-11-09	22:00:00"	7.17	304.9	7.704	9.95	2.374	305	26.91	5.771	57.24	51.79	5.454	0.306	33.8	26.265	0
"2010-11-09	23:00:00"	7.885	294.8	10.44	12.33	2.313	295.8	17	6.368	55.63	49.96	5.669	0.304	36.12	26.281	0
"2010-11-10	00:00:00"	11.44	314.6	5.27	14.12	5.838	319.4	9.89	8.75	53.6	50.04	3.562	0.3	37.13	26.288	0
"2010-11-10	01:00:00"	12.35	312.9	11.5	18.89	6.793	313.4	13.81	15.91	53.71	52.33	1.375	0.3	37.03	26.29	0
"2010-11-10	02:00:00"	10.93	2.296	23.65	19.49	7.308	1.993	32.74	15.91	51.65	50.44	1.213	0.297	36.61	26.309	0
"2010-11-10	03:00:00"	6.054	81.2	32.25	9.95	2.823	76.51	52.62	6.368	46.08	42.52	3.562	0.29	48.12	26.323	0
"2010-11-10	04:00:00"	5.177	36.23	29.95	9.35	1.997	2.524	51.35	5.175	43.06	38.46	4.6	0.29	54.03	26.33	0
"2010-11-10	05:00:00"	4.528	20.4	28.24	7.561	1.851	3.491	44.87	5.175	44.54	37.71	6.832	0.289	51.91	26.34	0
"2010-11-10	06:00:00"	4.496	43.61	23.7	6.964	1.869	19.56	59.26	4.578	42.75	36.55	6.207	0.289	51.61	26.353	0
"2010-11-10	07:00:00"	7.612	16.55	23.59	10.54	3.39	11.04	41.79	6.964	42.97	35.58	7.388	0.289	49.88	26.367	0.02763
"2010-11-10	08:00:00"	6.513	20.15	12.62	9.95	2.314	5.497	29.1	5.175	42.03	37.8	4.227	0.29	43.01	26.389	35.597
"2010-11-10	09:00:00"	7.51	29.5	14.13	12.93	5.269	28.38	22.59	11.14	47.7	48.04	-0.335	0.295	32.83	26.413	208.3
"2010-11-10	10:00:00"	8.52	44.56	14.43	12.33	6.783	43.82	17.6	11.14	54.1	55.5	-1.397	0.305	25.84	26.426	395.21
"2010-11-10	11:00:00"	4.364	62.24	42.07	9.95	3.446	67.1	49.87	7.561	57.4	58.61	-1.211	0.31	22.8	26.428	553.5
"2010-11-10	12:00:00"	5.889	181.8	59.59	16.51	4.545	179.9	62.11	12.33	61.03	62.36	-1.336	0.311	21.12	26.417	657.53
"2010-11-10	13:00:00"	10.95	203.7	23.69	21.87	8.55	204	27.72	17.1	63.52	65.6	-2.075	0.308	21.25	26.389	697.24
"2010-11-10	14:00:00"	10.84	211.5	21.07	20.68	8.55	211.7	25.58	17.1	64.84	66.91	-2.078	0.309	20.32	26.363	654.46
"2010-11-10	15:00:00"	11.06	212.3	20.19	20.09	8.6	213.9	24.49	17.1	65.58	67.57	-1.993	0.307	19.12	26.346	574.42
"2010-11-10	16:00:00"	10.56	213.4	23.85	19.49	8.24	214.1	28.28	16.51	66.08	67.57	-1.493	0.305	19.35	26.343	424.19
"2010-11-10	17:00:00"	11.71	211.7	16.65	20.68	8.44	212.3	21.23	15.31	66.41	67.26	-0.854	0.306	20.92	26.345	239.66
"2010-11-10	18:00:00"	8.81	188.1	15.61	15.31	5.122	184.8	21.21	11.14	64.42	63.47	0.956	0.305	23.99	26.347	56.905
"2010-11-10	19:00:00"	8.31	139.7	4.566	9.95	1.917	118.4	8.75	4.578	61.16	56.15	5.016	0.306	29.43	26.356	0.24093
"2010-11-10	20:00:00"	9.52	133.7	3.893	11.74	3.171	116.3	14.93	6.368	58.41	53.39	5.026	0.308	32.46	26.37	0
"2010-11-10	21:00:00"	9.71	137.1	6.911	13.52	4.759	128.1	11.13	9.35	56.95	53.5	3.447	0.307	34.38	26.38	0
"2010-11-10	22:00:00"	11.58	148.8	7.363	15.31	7.387	146	9.09	11.14	56.08	54.8	1.276	0.306	35.91	26.388	0
"2010-11-10	23:00:00"	11.56	152.7	6.679	14.72	7.33	150.3	8.39	11.14	55.48	54.2	1.279	0.304	37.04	26.39	0
"2010-11-11	00:00:00"	11.82	147.5	6.727	15.91	7.594	144.2	8.36	11.74	55.95	54.74	1.213	0.305	36.37	26.384	0
"2010-11-11	01:00:00"	10.78	152.7	8.27	15.31	6.83	149.9	9.92	11.14	54.53	53.41	1.12	0.303	38.39	26.384	0
"2010-11-11	02:00:00"	8.83	155.1	6.937	13.52	4.16	151.2	9.58	8.75	53.27	51.62	1.647	0.299	49.83	26.378	0
"2010-11-11	03:00:00"	6.052	148.8	11.22	9.35	1	137.4	18.59	1	51.49	49.47	2.03	0.293	67.5	26.37	0
"2010-11-11	04:00:00"	3.691	123.7	17.03	5.771	1	63.59	27.45	1	49.37	47.7	1.671	0.291	74.1	26.37	0
"2010-11-11	05:00:00"	6.295	157.4	5.653	8.75	1	154.3	13.28	1	50.18	47.56	2.622	0.294	86.2	26.372	0
"2010-11-11	06:00:00"	7.297	133	27.97	11.14	2.051	121.1	36.1	6.964	49.97	47.82	2.155	0.294	87.5	26.379	0
"2010-11-11	07:00:00"	5.807	44.87	14.97	8.75	1.844	26.71	22.18	6.368	43.29	39.87	3.415	0.29	90.3	26.391	0.01975
"2010-11-11	08:00:00"	5.206	43.86	26.53	8.16	1	31.23	21.93	1	44.93	37.81	7.114	0.291	88.8	26.411	32.292
"2010-11-11	09:00:00"	5.178	119.8	38.97	8.16	1.664	105.8	51.27	6.368	47.9	47.22	0.674	0.295	80.6	26.432	191.84
"2010-11-11	10:00:00"	10.01	193.2	12.79	17.7	7.337	192.4	17.83	14.72	56.44	57.6	-1.164	0.31	72.63	26.452	371.76
"2010-11-11	11:00:00"	12.79	206.3	15.26	20.09	9.63	206.8	19.67	15.91	62.19	63.85	-1.66	0.309	59.55	26.46	527.09
"2010-11-11	12:00:00"	12.1	209.2	19.16	20.09	9.29	209.5	23.65	15.91	66.14	68.11	-1.97	0.308	43.22	26.458	632.47
"2010-11-11	13:00:00"	10.08	203.2	22.69	17.1	7.907	202.9	27.44	13.52	68.25	70.26	-2.006	0.306	33.74	26.441	671.75
"2010-11-11	14:00:00"	10.01	196.8	25.99	17.7	7.876	197.8	30.29	15.91	69.88	71.84	-1.964	0.307	30.24	26.421	629.99
"2010-11-11	15:00:00"	11.17	187.9	19.82	18.3	8.55	185.8	24.18	15.91	70.97	72.83	-1.856	0.306	31.91	26.406	550.43
"2010-11-11	16:00:00"	11.22	184.5	17.45	19.49	8.49	183.7	21.67	14.72	71.53	73.06	-1.521	0.305	30.4	26.401	406.06
"2010-11-11	17:00:00"	11.15	177.6	14.82	17.7	8.33	174.7	17.48	14.72	71.05	71.84	-0.786	0.306	34.25	26.403	222.03

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-11	18:00:00"	9.94	161.7	10.43	14.72	6.808	158.1	12.15	12.33	68.58	68.26	0.316	0.303	42.41	26.406	49.345	0	
"2010-11-11	19:00:00"	9.51	149	7.039	12.93	5.134	145.5	8.93	9.35	63.69	62.59	1.1	0.304	57.03	26.425	0.20228	0	
"2010-11-11	20:00:00"	9.84	140.8	8.51	15.31	5.588	137.6	10.28	11.14	60.37	59.45	0.915	0.308	70.59	26.446	0	0	
"2010-11-11	21:00:00"	9.28	143.3	8.14	12.93	5.976	139.8	10.19	9.95	58.08	57.33	0.753	0.311	77.04	26.45	0	0	
"2010-11-11	22:00:00"	9.87	146.1	6.622	12.93	6.307	142.3	8.93	9.95	57.57	56.71	0.861	0.309	80.5	26.457	0	0	
"2010-11-11	23:00:00"	8.15	126.6	13.12	12.93	4.614	119.5	18.46	9.95	57.81	56.47	1.341	0.309	81.4	26.459	0	0	
"2010-11-12	00:00:00"	7.275	109	7.872	10.54	3.118	93.3	13.21	7.561	56.55	54.03	2.513	0.304	85.1	26.443	0	0	
"2010-11-12	01:00:00"	6.129	93.9	9.24	11.14	2.231	71.02	14.36	6.368	56.84	53.49	3.353	0.305	85.9	26.434	0	0	
"2010-11-12	02:00:00"	7.605	87.5	5.79	10.54	4.04	73.88	11.82	6.368	53.82	51.28	2.54	0.298	88.9	26.417	0	0	
"2010-11-12	03:00:00"	6.919	66.3	28.03	10.54	3.484	49.6	33.71	6.368	52.64	49.55	3.085	0.295	91.1	26.419	0	0	
"2010-11-12	04:00:00"	5.191	22.64	16.11	6.964	2.134	15.16	20.12	5.771	52.98	51.76	1.222	0.295	90.3	26.426	0	0	
"2010-11-12	05:00:00"	17.89	347.2	20.84	35.59	13.11	343.9	21.34	29.63	51.95	51.81	0.139	0.297	72.08	26.447	0	0	
"2010-11-12	06:00:00"	27.56	11.06	10.45	40.96	20.58	7.809	17.93	34.4	45.69	45.71	-0.022	0.291	73.32	26.485	0	0	
"2010-11-12	07:00:00"	25.65	11.11	8.6	41.56	19.14	8.04	16.64	33.8	43.22	43.13	0.089	0.291	76.92	26.527	0.00844	0	
"2010-11-12	08:00:00"	22.24	5.025	12.21	32.01	16.46	0.536	17.84	26.65	41.49	41.37	0.124	0.291	78.62	26.576	29.387	0	
"2010-11-12	09:00:00"	22.48	18.91	13.8	32.61	16.58	17.82	19.14	29.03	42.09	42.6	-0.503	0.293	74.19	26.607	196.21	0	
"2010-11-12	10:00:00"	20.63	12.85	10.81	30.22	15.36	9.72	17.99	24.86	45.16	46.21	-1.051	0.294	66.25	26.643	349.72	0	
"2010-11-12	11:00:00"	20.13	11.31	12.27	29.03	15.03	7.939	16.94	24.26	47.24	48.92	-1.68	0.292	60.69	26.664	528.12	0	
"2010-11-12	12:00:00"	18.29	8.07	13.97	27.24	13.97	4.325	18.95	24.26	47.31	49.48	-2.175	0.292	59.18	26.683	630.55	0	
"2010-11-12	13:00:00"	15.41	10.84	14.05	25.45	11.24	7.35	18.76	20.68	48.05	50.51	-2.458	0.292	56.96	26.679	671.29	0	
"2010-11-12	14:00:00"	13.57	1.329	16.6	22.47	7.607	357.2	19.33	17.7	49.22	51.57	-2.354	0.293	54.32	26.672	585.25	0	
"2010-11-12	15:00:00"	14.35	358	14.93	25.45	11.11	354	17.85	22.47	49.53	51.74	-2.21	0.293	52.84	26.666	511.67	0	
"2010-11-12	16:00:00"	13.83	4.006	13.86	21.87	10.57	0.083	17.89	20.09	49.69	51.66	-1.968	0.294	51.49	26.661	420.12	0	
"2010-11-12	17:00:00"	11.85	359.3	15.57	18.89	9.11	355.1	17.78	15.91	49.69	50.84	-1.147	0.294	51.63	26.667	236.26	0	
"2010-11-12	18:00:00"	9.75	8.14	14.27	15.31	7	4.2	17.64	13.52	48.05	47.88	0.173	0.291	55.69	26.675	53.396	0	
"2010-11-12	19:00:00"	6.913	42.07	9.55	9.35	1.932	42.72	10.55	6.964	44.25	41.61	2.642	0.292	65.36	26.679	0.20302	0	
"2010-11-12	20:00:00"	8.03	64.75	4.901	9.35	1	60.66	6.018	1	41.97	36.58	5.39	0.292	72.99	26.687	0	0	
"2010-11-12	21:00:00"	8.16	72.64	11.17	9.95	2.671	60.59	10.18	5.175	39.03	35.1	3.925	0.289	77.54	26.692	0	0	
"2010-11-12	22:00:00"	8.14	86.5	5.182	9.95	3.781	66.4	10.97	5.175	39.11	34.42	4.688	0.291	80.1	26.699	0	0	
"2010-11-12	23:00:00"	7.608	97.5	8.26	9.95	2.916	83.1	12.75	5.771	37.18	34.01	3.163	0.289	80.7	26.698	0	0	
"2010-11-13	00:00:00"	6.963	97	14.59	8.16	1.667	65.29	19.44	5.175	36.72	32.31	4.419	0.285	83.5	26.693	0	0	
"2010-11-13	01:00:00"	7.308	57.64	9.76	8.75	4.032	33.84	15.09	5.771	36.75	30.71	6.041	0.288	85.5	26.687	0	0	
"2010-11-13	02:00:00"	7.832	48.2	9.06	9.35	3.822	29.11	11.83	5.175	35.59	29.74	5.849	0.286	86.6	26.678	0	0	
"2010-11-13	03:00:00"	7.549	32.76	5.344	8.75	3.798	21.86	10.51	5.175	32.79	29.75	3.035	0.287	86.8	26.673	0	0	
"2010-11-13	04:00:00"	8.19	9.97	10.65	11.14	4.295	3.587	16.41	6.964	32.02	29.02	2.997	0.288	87.4	26.67	0	0	
"2010-11-13	05:00:00"	7.419	26.45	5.4	9.95	2.956	26.23	10.43	5.771	32.22	29.62	2.597	0.288	86.9	26.668	0	0	
"2010-11-13	06:00:00"	7.433	359.6	54.83	14.12	2.077	350.1	52.43	11.74	33.11	28.73	4.382	0.287	86.7	26.68	0	0	
"2010-11-13	07:00:00"	7.47	310.3	7.437	9.35	1.202	318.2	13.8	3.982	30.27	25.97	4.292	0.291	87.6	26.679	0.02053	0	
"2010-11-13	08:00:00"	7.349	318.2	6.293	9.35	2.259	331	10.51	5.771	30.79	26.96	3.83	0.289	88.2	26.679	35.434	0	
"2010-11-13	09:00:00"	3.287	320.5	23.56	6.964	1.361	322.1	24.65	4.578	35.39	35.63	-0.237	0.291	81.7	26.698	200.07	0	
"2010-11-13	10:00:00"	3.346	163.9	50.69	8.16	1.952	163.9	58.87	6.964	42.16	42.8	-0.639	0.295	62.05	26.705	378.48	0	
"2010-11-13	11:00:00"	7.253	166.3	22.9	12.93	5.579	164.4	25.89	11.14	45.9	47.25	-1.35	0.294	46.89	26.697	532.41	0	
"2010-11-13	12:00:00"	7.827	178.4	24.17	15.91	3.842	176	28.28	11.74	48.62	50.25	-1.624	0.297	38.42	26.679	636.17	0	
"2010-11-13	13:00:00"	7.587	189.6	24.26	13.52	5.121	188.3	30.24	12.93	51.24	53.16	-1.914	0.301	34.39	26.637	676.68	0	
"2010-11-13	14:00:00"	7.779	181.9	32.58	15.91	6.073	180.9	36.05	15.31	53.07	54.76	-1.695	0.304	33.68	26.595	637.35	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-13	15:00:00"	8.04	196.9	30.75	15.31	6.219	197.2	35.34	12.93	54.38	56.11	-1.724	0.309	33.08	26.563	557.17	0	
"2010-11-13	16:00:00"	8.18	185.7	23.4	15.91	6.413	183.9	28.05	14.72	55.25	56.76	-1.511	0.308	31.74	26.534	413.46	0	
"2010-11-13	17:00:00"	8.26	197	15.34	14.12	6.134	196.5	19.52	12.93	55.77	56.72	-0.952	0.308	30.91	26.516	234.19	0	
"2010-11-13	18:00:00"	7.619	190.9	8.19	12.33	4.471	189.7	11.88	9.95	54.25	53.56	0.69	0.305	33.25	26.506	53.344	0	
"2010-11-13	19:00:00"	6.435	180.5	5.752	8.75	1.122	170.4	12.81	3.982	51.03	48.17	2.852	0.298	39.31	26.497	0.17881	0	
"2010-11-13	20:00:00"	7.33	154.6	10.26	8.75	1	133.2	19.05	1	48.35	44.16	4.19	0.292	44.42	26.493	0	0	
"2010-11-13	21:00:00"	7.337	159.5	6.286	8.75	1	154.7	16.21	1	44.68	41.18	3.5	0.29	47.36	26.483	0	0	
"2010-11-13	22:00:00"	8.32	153.7	4.832	9.95	2.041	145.1	8.3	5.175	42.08	39.09	2.991	0.289	50.05	26.479	0	0	
"2010-11-13	23:00:00"	8.68	154.7	6.889	10.54	3.171	148.5	9.87	5.771	41.79	39	2.793	0.291	48.38	26.477	0	0	
"2010-11-14	00:00:00"	8.7	149.9	5.844	13.52	4.422	141.9	9.44	8.75	41.93	39.24	2.692	0.29	46.88	26.469	0	0	
"2010-11-14	01:00:00"	8.97	157.3	6.645	13.52	4.558	154.5	8.96	9.95	40.27	38.94	1.331	0.29	47.7	26.452	0	0	
"2010-11-14	02:00:00"	5.825	172.4	7.691	8.16	1	181.8	12.09	1	38.52	35.99	2.535	0.287	53.22	26.434	0	0	
"2010-11-14	03:00:00"	5.297	159.7	8.89	8.16	1	145.1	16.86	1	37.89	35.58	2.307	0.287	53.98	26.421	0	0	
"2010-11-14	04:00:00"	6.624	141.4	7.759	8.75	1.001	109.9	18.33	2.193	37.94	34.19	3.746	0.288	55.45	26.408	0	0	
"2010-11-14	05:00:00"	6.644	136.6	7.357	8.16	1	104.3	6.826	1	38.38	34.64	3.738	0.286	55.2	26.395	0	0	
"2010-11-14	06:00:00"	5.485	145.1	16.7	7.561	1	112.4	30.29	1	37.34	34.58	2.756	0.286	57.27	26.392	0	0	
"2010-11-14	07:00:00"	5.445	189.7	7.988	6.368	1	193	13.34	1	37.48	34.75	2.728	0.285	58.61	26.386	0.00154	0	
"2010-11-14	08:00:00"	6.602	214.6	5.565	8.16	1	229.4	7.363	1	38.63	35.83	2.803	0.286	57.85	26.394	28.575	0	
"2010-11-14	09:00:00"	7.152	217.4	10.98	11.14	4.153	220.5	14.84	8.75	41.12	41.35	-0.235	0.292	49.9	26.414	191.6	0	
"2010-11-14	10:00:00"	9.34	214.5	11.17	15.31	7.085	216.7	15.15	11.74	47.33	48.48	-1.15	0.295	39.75	26.419	373	0	
"2010-11-14	11:00:00"	9.96	210.2	14.41	16.51	7.646	211.6	18.99	12.93	52.35	54.02	-1.671	0.304	34.33	26.409	526.79	0	
"2010-11-14	12:00:00"	7.78	221.2	17.93	14.12	6.075	222.2	23.26	11.14	56.37	58.15	-1.784	0.31	30.02	26.387	631.96	0	
"2010-11-14	13:00:00"	7.686	215.5	23.74	14.12	6.026	213.8	29.38	12.93	59.5	61.36	-1.856	0.311	26.65	26.352	671.98	0	
"2010-11-14	14:00:00"	7.61	217	30.45	14.12	5.675	215.7	35.07	12.93	61.68	63.42	-1.746	0.309	22.79	26.312	633.67	0	
"2010-11-14	15:00:00"	8.39	207.1	25.95	15.91	6.423	206.8	30.24	14.12	63.36	65.01	-1.651	0.309	21.32	26.279	554.83	0	
"2010-11-14	16:00:00"	8.91	225.3	31.77	17.1	6.8	227.4	35.67	13.52	64.29	65.65	-1.361	0.306	19.35	26.261	413.18	0	
"2010-11-14	17:00:00"	7.829	232	17.95	15.91	5.755	234.1	21.87	14.12	64.14	64.52	-0.39	0.306	18.72	26.254	175.65	0	
"2010-11-14	18:00:00"	4.671	221	28.49	9.35	1.455	221.6	34.48	6.368	61.7	60.43	1.264	0.304	23.16	26.25	20.315	0	
"2010-11-14	19:00:00"	3.31	163.5	17.28	5.771	1	135.3	27.2	1	60.64	57.42	3.219	0.306	25.66	26.25	0.07799	0	
"2010-11-14	20:00:00"	3.193	145.5	19.13	6.368	1	116.1	26.41	1	59.88	56.1	3.781	0.306	26.6	26.252	0	0	
"2010-11-14	21:00:00"	4.415	161.4	6.949	6.964	1	108.6	30.78	1	57.28	52.88	4.405	0.306	29.1	26.244	0	0	
"2010-11-14	22:00:00"	4.897	178.8	42.81	10.54	1.482	161	46.87	6.964	55.47	52.39	3.08	0.305	28.98	26.24	0	0	
"2010-11-14	23:00:00"	6.743	22.3	12	10.54	3.919	21.72	18.86	6.964	46.97	44.91	2.058	0.291	39.17	26.238	0	0	
"2010-11-15	00:00:00"	6.874	32.54	7.648	10.54	3.081	34.97	14.58	6.368	45.1	42.31	2.784	0.29	44.99	26.218	0	0	
"2010-11-15	01:00:00"	5.895	47.04	14.11	8.75	1	26.87	29.08	1	45.59	40.65	4.947	0.29	48.08	26.194	0	0	
"2010-11-15	02:00:00"	6.201	174.9	22.24	8.75	2.047	188.6	18.68	5.771	44.51	40.98	3.529	0.289	47.42	26.178	0	0	
"2010-11-15	03:00:00"	6.68	218.8	16.55	9.35	3.534	223.7	18.49	6.368	42.58	39.68	2.897	0.291	50.79	26.163	0	0	
"2010-11-15	04:00:00"	6.39	253.3	15.77	8.75	2.609	256.3	17.81	6.368	42	39.46	2.537	0.289	57.46	26.15	0	0	
"2010-11-15	05:00:00"	5.744	311	32.47	8.16	1.73	322	41.76	5.175	42.08	39.61	2.467	0.291	54.98	26.136	0	0	
"2010-11-15	06:00:00"	6.208	316.7	19.83	8.16	1.163	312.4	19.75	5.175	38.36	36.52	1.833	0.288	61.83	26.13	0	0	
"2010-11-15	07:00:00"	9.12	312.5	10.61	12.93	4.609	311.9	13.46	9.35	36.45	35.8	0.651	0.29	65.9	26.133	0	0	
"2010-11-15	08:00:00"	8.82	310.7	8.99	13.52	4.069	307.6	12.07	9.95	37.43	36.64	0.783	0.29	68.87	26.149	6.7343	0	
"2010-11-15	09:00:00"	9.32	310.1	12.34	13.52	5.428	309.1	15.02	10.54	43.87	43.95	-0.075	0.292	46.09	26.167	179.47	0	
"2010-11-15	10:00:00"	12.99	296.9	11.66	24.26	7.223	297	15.2	15.91	50.06	51.2	-1.142	0.3	31.24	26.176	369.31	0	
"2010-11-15	11:00:00"	19.29	295.6	10.85	32.01	11.42	296	13.64	26.05	55.43	56.84	-1.41	0.309	24.88	26.17	519.7	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-15	12:00:00"	22.54	300.1	11.1	35.59	12.7	300.5	13.67	25.45	57.83	59.6	-1.768	0.31	24.29	26.153	622.87	0	
"2010-11-15	13:00:00"	20.6	301.5	14.57	31.42	12.54	302	16.71	24.26	59.08	61.04	-1.966	0.314	23.56	26.131	660.35	0	
"2010-11-15	14:00:00"	22.23	302.8	13.92	36.19	13.08	303	16.04	27.24	60.54	62.21	-1.663	0.309	22.59	26.111	520.03	0	
"2010-11-15	15:00:00"	21.49	323.9	12.35	37.38	14.45	323.1	14.35	27.24	61.19	62.61	-1.422	0.308	22.25	26.11	428.69	0	
"2010-11-15	16:00:00"	18.16	334.5	15.29	29.03	12.95	332.9	16.23	24.26	61.73	62.82	-1.093	0.306	21.7	26.117	325.75	0	
"2010-11-15	17:00:00"	15.72	324.5	13.28	33.8	10.52	324.3	14.78	26.05	59.18	58.83	0.351	0.307	33.67	26.141	141.02	0	
"2010-11-15	18:00:00"	10.32	17.51	16.33	20.68	6.598	15.08	19.71	17.1	57.08	55.89	1.187	0.309	28.61	26.166	28.12	0	
"2010-11-15	19:00:00"	9.53	26.78	6.546	12.93	5.612	25.01	11.92	9.35	53.2	51.42	1.783	0.301	33.88	26.201	0.07896	0	
"2010-11-15	20:00:00"	8.15	42.7	5.784	12.33	4.382	40.81	8.25	9.95	49.74	46.99	2.748	0.293	41.93	26.235	0	0	
"2010-11-15	21:00:00"	8.63	32.48	6.093	10.54	3.884	27.18	12.06	6.368	45.45	41.86	3.595	0.289	51.44	26.265	0	0	
"2010-11-15	22:00:00"	8.88	29.54	5.378	11.74	4.228	20.51	12.41	8.16	43.67	40.36	3.306	0.289	55.95	26.291	0	0	
"2010-11-15	23:00:00"	5.942	18.24	10.9	8.16	1.673	354.7	14.65	5.175	45.36	37.58	7.779	0.29	61.04	26.319	0	0	
"2010-11-16	00:00:00"	8.11	357.8	11.09	11.14	3.645	349.7	7.545	6.368	42.78	35.12	7.666	0.289	66.77	26.344	0	0	
"2010-11-16	01:00:00"	8.17	348.9	9.31	11.14	3.524	342.9	11.22	7.561	39.45	37.41	2.041	0.29	64.43	26.367	0	0	
"2010-11-16	02:00:00"	8.22	336	11.12	15.31	3.193	334.1	16.61	10.54	40.67	38.08	2.589	0.29	65.43	26.369	0	0	
"2010-11-16	03:00:00"	9.93	338.3	7.305	13.52	5.837	336.5	10.22	9.35	40.41	38.82	1.596	0.288	58.31	26.372	0	0	
"2010-11-16	04:00:00"	9.3	336.8	7.904	12.93	5.386	336.3	11.1	9.35	38.91	37.2	1.703	0.291	59.75	26.378	0	0	
"2010-11-16	05:00:00"	9.57	323.8	15.47	12.93	5.157	322.7	16.53	9.35	35.86	34.8	1.065	0.29	62.96	26.387	0	0	
"2010-11-16	06:00:00"	10.23	340.3	9.05	15.91	5.983	340.5	11.71	11.74	35.03	33.66	1.374	0.29	66.39	26.382	0	0	
"2010-11-16	07:00:00"	8.69	297.6	24.4	13.52	4.5	295.1	26.44	9.95	33.65	32.32	1.329	0.292	67.81	26.393	0.00815	0	
"2010-11-16	08:00:00"	9.8	314	7.918	11.74	3.341	315.4	10.62	6.964	33.59	30.93	2.659	0.29	70.69	26.392	26.858	0	
"2010-11-16	09:00:00"	6.796	315.2	10.31	9.95	3.276	313.6	12.97	6.964	39.98	40.29	-0.315	0.293	56.6	26.4	192.39	0	
"2010-11-16	10:00:00"	5.952	275.6	13.16	9.35	3.947	275.1	16.1	7.561	45.8	46.88	-1.072	0.294	44.29	26.415	372.31	0	
"2010-11-16	11:00:00"	7.529	238.3	19.16	19.49	5.959	240.3	24.32	16.51	52.24	53.46	-1.22	0.303	34.77	26.397	526.15	0	
"2010-11-16	12:00:00"	15.84	241.4	13.67	25.45	12.4	242.9	16.64	21.28	55.99	57.81	-1.818	0.309	29.78	26.378	628	0	
"2010-11-16	13:00:00"	17.01	235.1	14.2	27.24	13.43	236.6	17.56	22.47	57.72	59.8	-2.078	0.31	28.37	26.334	667.86	0	
"2010-11-16	14:00:00"	18.42	230.9	11.92	29.03	14.35	232.6	15.17	24.86	58.82	60.82	-1.999	0.311	26.09	26.297	628.2	0	
"2010-11-16	15:00:00"	17.57	231.8	13.35	27.24	13.64	233.4	16.36	23.07	61.51	63.26	-1.755	0.309	22.2	26.263	551.03	0	
"2010-11-16	16:00:00"	16.38	239	12.62	26.05	13.06	240.9	15.44	21.28	63.93	65.17	-1.243	0.306	18.31	26.237	409.09	0	
"2010-11-16	17:00:00"	16.89	231.4	10.98	26.05	12.99	233.2	14.3	23.66	64.16	64.71	-0.544	0.309	17.9	26.217	231.32	0	
"2010-11-16	18:00:00"	14.5	229.2	8.25	24.26	10.74	230.4	11.69	18.3	62.5	62.03	0.48	0.305	18.22	26.21	50.413	0	
"2010-11-16	19:00:00"	12.35	234.5	8.76	18.3	9.1	235.8	11.12	15.91	58.68	57.74	0.936	0.309	21.43	26.206	0.13278	0	
"2010-11-16	20:00:00"	12.32	230.6	8.13	19.49	8.69	231.9	11.47	14.12	55.82	54.82	1.005	0.307	25.36	26.204	0	0	
"2010-11-16	21:00:00"	15.36	248.6	8.55	24.86	11.48	251	11.86	19.49	56.1	55.26	0.834	0.307	26.95	26.206	0	0	
"2010-11-16	22:00:00"	11.97	248.1	7.878	18.3	8.94	250	11.18	15.31	54.13	53.26	0.867	0.302	29.09	26.214	0	0	
"2010-11-16	23:00:00"	8.64	259.9	9.3	12.93	5.277	265.5	12.36	10.54	51.02	49.16	1.858	0.294	32.92	26.226	0	0	
"2010-11-17	00:00:00"	8.12	252.5	11.28	12.33	4.548	252.7	15.57	9.35	49.89	47.41	2.479	0.292	34.82	26.237	0	0	
"2010-11-17	01:00:00"	8.48	246.4	7.11	12.33	5.137	244.1	10.44	8.75	49.12	46.59	2.523	0.291	35.68	26.24	0	0	
"2010-11-17	02:00:00"	8.02	232.2	8.63	12.93	4.45	227.5	12.02	9.35	48.92	44.66	4.264	0.292	37.61	26.243	0	0	
"2010-11-17	03:00:00"	7.932	223.9	6.802	10.54	2.775	219.1	12.59	8.75	46.37	42.43	3.94	0.29	40.43	26.256	0	0	
"2010-11-17	04:00:00"	9.38	267.6	30.67	14.72	2.687	268.4	30.83	6.368	46.61	41.85	4.767	0.29	42.96	26.266	0	0	
"2010-11-17	05:00:00"	11.42	302	6.85	15.31	4.943	302.3	10.97	8.75	48.85	47.13	1.723	0.291	38.53	26.29	0	0	
"2010-11-17	06:00:00"	10.06	300.7	6.814	14.12	4.179	299.5	10.98	8.16	45.11	43.57	1.543	0.29	43.75	26.32	0	0	
"2010-11-17	07:00:00"	10.45	297.7	10.63	13.52	4.749	297.3	13.95	8.75	44.95	43.34	1.61	0.289	44.21	26.355	0	0	
"2010-11-17	08:00:00"	13.41	304.7	16.24	23.66	7.605	304.4	18.41	20.09	45.27	43.89	1.377	0.29	43.63	26.388	25.525	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-17	09:00:00"	22.6	335	13.28	34.4	16.27	333.5	14.38	26.05	53.97	53.97	0	0.304	26.26	26.454	189.59	0
"2010-11-17	10:00:00"	24.25	10.6	11.44	36.19	18.11	6.82	19.24	29.63	54.3	55.07	-0.774	0.304	32.32	26.515	367.99	0
"2010-11-17	11:00:00"	23.79	6.094	13.86	34.4	17.88	1.743	19.34	28.43	54.82	56.19	-1.374	0.306	31.14	26.562	517.46	0
"2010-11-17	12:00:00"	26.14	6.099	12.45	37.98	19.78	1.733	19.54	31.42	56.32	58	-1.674	0.309	26.02	26.58	620.12	0
"2010-11-17	13:00:00"	21.45	2.761	15.07	32.61	16.42	358.5	17.63	29.03	57.7	59.63	-1.93	0.309	25.21	26.585	663.08	0
"2010-11-17	14:00:00"	18.34	4.381	15.21	29.03	14.13	0.123	19.41	23.07	58.22	60.3	-2.08	0.31	26.77	26.589	624.65	0
"2010-11-17	15:00:00"	17.6	15.74	13.14	27.84	13.35	13.95	18.57	22.47	58.41	60.29	-1.884	0.31	26.64	26.602	543.4	0
"2010-11-17	16:00:00"	15.77	10.37	12.59	24.26	11.92	6.263	18.12	20.09	58.23	59.77	-1.543	0.31	26.3	26.61	403.24	0
"2010-11-17	17:00:00"	14.32	8.25	10.57	23.66	10.7	4.518	16.3	18.89	57.58	58.3	-0.727	0.31	27.42	26.633	226.06	0
"2010-11-17	18:00:00"	10.25	11.85	8.21	17.7	6.81	7.733	14.23	14.72	55.08	54.04	1.046	0.305	31.22	26.66	46.968	0
"2010-11-17	19:00:00"	9.03	29.3	8.93	12.93	5.229	26.42	15.03	8.75	49.74	47.49	2.251	0.293	38.7	26.68	0.12333	0
"2010-11-17	20:00:00"	9.2	39.98	9.22	13.52	5.287	39.98	12.72	9.35	45.7	43.83	1.875	0.29	45.99	26.699	0	0
"2010-11-17	21:00:00"	8.57	63.26	7.411	11.74	4.327	60.64	11.03	8.16	41.2	38.5	2.694	0.289	56.43	26.715	0	0
"2010-11-17	22:00:00"	10.8	54.93	7.523	16.51	6.835	53.28	10.59	13.52	40.62	39.39	1.224	0.291	61.94	26.731	0	0
"2010-11-17	23:00:00"	9.19	60.52	10.14	14.12	5.462	60.04	12.84	11.14	37.95	36.54	1.403	0.288	68.36	26.738	0	0
"2010-11-18	00:00:00"	7.981	64.39	6.132	10.54	3.678	61.2	8.99	5.175	34.9	31.63	3.27	0.288	76.85	26.75	0	0
"2010-11-18	01:00:00"	6.062	75.68	6.807	8.16	1.008	43.02	12.62	2.789	35.42	31.53	3.891	0.287	78.17	26.751	0	0
"2010-11-18	02:00:00"	7.234	74.7	4.024	8.75	2.075	48.2	4.987	5.175	35.49	30.24	5.25	0.287	81.4	26.744	0	0
"2010-11-18	03:00:00"	7.19	78.22	6.558	8.75	2.948	45.21	15.56	5.175	35.31	29.71	5.601	0.287	84.3	26.729	0	0
"2010-11-18	04:00:00"	6.197	93.4	16	8.75	1	54.46	15.48	1	35.58	30.81	4.768	0.287	84.8	26.73	0	0
"2010-11-18	05:00:00"	5.654	242.6	40.73	13.52	2.333	257.6	50.15	8.75	32	29.07	2.932	0.291	85.2	26.749	0	0
"2010-11-18	06:00:00"	3.383	289.3	17.25	5.175	1.52	336.9	22.53	5.175	32.01	26.21	5.802	0.291	86.9	26.743	0	0
"2010-11-18	07:00:00"	2.382	278.6	31.34	4.578	1.664	337.4	15.95	4.578	33.03	27.33	5.7	0.289	88	26.742	0.00796	0
"2010-11-18	08:00:00"	1.83	305.4	23.95	3.982	1	349	20.37	1	33.56	27.4	6.156	0.289	88.9	26.75	26.471	0
"2010-11-18	09:00:00"	4.152	225	14.74	8.16	1.904	225.7	26.25	8.16	34.73	33.87	0.862	0.292	80.6	26.776	193.83	0
"2010-11-18	10:00:00"	8.27	210.4	12.76	13.52	6.247	211.9	16.95	10.54	39.85	41.08	-1.228	0.295	68.56	26.786	365.63	0
"2010-11-18	11:00:00"	10.41	202.5	14.89	15.31	7.925	203.1	19.82	13.52	45.43	47.15	-1.724	0.293	55.77	26.782	520.74	0
"2010-11-18	12:00:00"	11.74	212.5	14.51	18.3	8.99	213.9	19.22	15.31	49.47	51.58	-2.108	0.296	45.42	26.758	626.41	0
"2010-11-18	13:00:00"	12.41	204.9	14.38	19.49	9.34	204.1	19.16	15.31	53.62	55.79	-2.166	0.306	36.9	26.723	668.74	0
"2010-11-18	14:00:00"	13.07	199.7	13.37	19.49	9.81	199.5	17.91	15.91	56.82	59.05	-2.238	0.31	31.66	26.681	630.53	0
"2010-11-18	15:00:00"	13.58	204.3	13.94	21.87	9.93	204	18.16	17.1	58.97	60.98	-2.014	0.311	28.35	26.646	552.53	0
"2010-11-18	16:00:00"	13.44	194.5	13.44	20.09	9.86	193.8	18.62	15.91	60.08	61.6	-1.517	0.311	26.67	26.624	408.02	0
"2010-11-18	17:00:00"	12.8	193.8	11.69	21.28	9.14	193.7	16.62	14.72	60.27	61.02	-0.749	0.31	25.22	26.611	229.62	0
"2010-11-18	18:00:00"	8.82	174.6	11.03	15.31	4.162	169.4	15.85	11.74	57.87	56.49	1.378	0.309	27.84	26.606	48.68	0
"2010-11-18	19:00:00"	7.516	165.5	8.17	9.95	1	148.2	7.595	1	52.86	49.25	3.61	0.299	34.6	26.601	0.11698	0
"2010-11-18	20:00:00"	7.997	157	5.34	9.95	2.088	149.6	8.59	5.175	49.14	46.02	3.125	0.292	36.91	26.606	0	0
"2010-11-18	21:00:00"	8.13	161.4	6.815	10.54	1.833	160.5	11.3	5.771	46.92	44.34	2.58	0.291	38.77	26.602	0	0
"2010-11-18	22:00:00"	8.15	165.5	7.978	10.54	1	164.9	11.72	1.596	45.33	42.71	2.625	0.29	44.09	26.592	0	0
"2010-11-18	23:00:00"	8.35	189.1	8.18	12.93	3.981	195.9	14.66	9.35	44.29	41.81	2.481	0.29	45.18	26.592	0	0
"2010-11-19	00:00:00"	8.22	194.2	7.536	12.33	4.093	200.8	12.56	6.964	43.26	40.78	2.486	0.29	46.28	26.574	0	0
"2010-11-19	01:00:00"	7.946	194.9	6.252	12.33	3.292	203.6	10.91	6.368	42.16	39.26	2.897	0.29	50.01	26.554	0	0
"2010-11-19	02:00:00"	7.759	191.1	7.29	11.14	1.262	201.1	15.18	4.578	41.52	38.65	2.87	0.289	53.46	26.537	0	0
"2010-11-19	03:00:00"	6.968	207.3	9.52	9.35	1.732	219.7	14.14	5.771	40.23	37.76	2.472	0.288	56.95	26.515	0	0
"2010-11-19	04:00:00"	6.9	201.3	4.703	8.75	1.044	201.8	8.05	3.982	38.92	35.85	3.066	0.29	62.45	26.498	0	0
"2010-11-19	05:00:00"	6.991	205.9	5.876	8.75	1	217.9	9.03	1	39.39	36.46	2.928	0.29	63.75	26.484	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-19	06:00:00"	7.441	211.7	12.47	10.54	1	221.1	16.7	1	39.88	36.81	3.069	0.291	63.62	26.484	0	0
"2010-11-19	07:00:00"	7.376	226.3	9.71	9.95	1	235.6	13.65	1	39.49	37.06	2.433	0.29	62.55	26.489	0	0
"2010-11-19	08:00:00"	7.444	225.8	8.58	9.95	1	233.2	11.54	1	39.49	36.85	2.645	0.293	63.45	26.495	20.818	0
"2010-11-19	09:00:00"	9.28	218.2	10.54	13.52	5.93	220.1	13.52	11.14	41.59	41.8	-0.21	0.294	56.24	26.511	175.55	0
"2010-11-19	10:00:00"	10.04	214.9	8.66	13.52	7.462	216.3	13.47	11.74	47.65	48.79	-1.138	0.294	45.46	26.516	355.89	0
"2010-11-19	11:00:00"	10.51	216.6	12.06	16.51	8.06	217.4	16.2	14.72	54.39	55.98	-1.59	0.304	35.05	26.51	510.84	0
"2010-11-19	12:00:00"	11.36	216.4	12.42	17.1	8.75	217.6	16.58	14.72	60.25	62.19	-1.934	0.31	28.16	26.489	617.86	0
"2010-11-19	13:00:00"	13.13	217.2	12.27	19.49	10.15	219	16.66	17.7	65.25	67.24	-1.99	0.307	23.37	26.453	662.24	0
"2010-11-19	14:00:00"	14.63	222.5	12.54	21.87	11.03	224	16.04	18.89	69.34	71.28	-1.942	0.303	19.49	26.418	626.87	0
"2010-11-19	15:00:00"	14.4	227	13.73	24.26	11.16	228.9	17.11	23.07	71.66	73.35	-1.687	0.305	16.84	26.392	549.3	0
"2010-11-19	16:00:00"	13.48	230.9	13.03	22.47	10.39	232.3	16.48	19.49	72.8	74.03	-1.23	0.305	15.41	26.376	405.01	0
"2010-11-19	17:00:00"	13.12	222.1	11.06	19.49	9.57	223.4	14.99	15.91	72.96	73.36	-0.4	0.303	15.19	26.37	224.62	0
"2010-11-19	18:00:00"	9.88	201.6	15.8	15.31	6.001	202.5	18.29	11.74	69.59	68.18	1.408	0.303	19.44	26.375	45.229	0
"2010-11-19	19:00:00"	8.65	210.9	7.195	11.14	4.162	207	9.85	7.561	64.73	60.75	3.977	0.304	23.94	26.391	0.03755	0
"2010-11-19	20:00:00"	7.561	213.3	8.41	9.95	3.82	211.3	11.38	5.771	62	58.36	3.643	0.305	24.43	26.403	0	0
"2010-11-19	21:00:00"	9.62	194.5	21.44	16.51	5.293	193.8	26.19	10.54	57.92	54.74	3.175	0.306	29.09	26.418	0	0
"2010-11-19	22:00:00"	9.59	190.7	10.93	14.72	5.827	194.4	15.8	11.14	54.03	52.37	1.654	0.303	38.58	26.427	0	0
"2010-11-19	23:00:00"	8.3	207.4	6.718	10.54	4.317	215.7	10.52	6.964	50.59	48.18	2.409	0.294	46.15	26.429	0	0
"2010-11-20	00:00:00"	9.25	209.7	5.752	11.14	5.255	216.4	9.49	7.561	47.72	45.7	2.014	0.291	51.25	26.421	0	0
"2010-11-20	01:00:00"	8.27	217.9	9.82	11.14	4.596	226.2	15.04	7.565	46.61	43.98	2.624	0.29	55.58	26.418	0	0
"2010-11-20	02:00:00"	8.06	214.6	11.45	11.14	4.426	222.6	15.39	6.964	45.71	43.09	2.618	0.29	57.36	26.411	0	0
"2010-11-20	03:00:00"	7.963	212	4.759	11.14	4.447	218.2	8.56	7.561	44.64	42.52	2.113	0.29	61.68	26.402	0	0
"2010-11-20	04:00:00"	7.567	218.8	5.811	9.35	3.995	226.7	7.846	5.771	45.2	42.16	3.035	0.29	63.69	26.401	0	0
"2010-11-20	05:00:00"	7.515	224.5	9.48	9.35	4.047	231.9	12.33	5.771	45.05	42.45	2.596	0.291	64.27	26.404	0	0
"2010-11-20	06:00:00"	8.59	228.1	6.34	11.74	4.89	234	9.22	7.561	44.89	42.28	2.614	0.29	66.94	26.406	0	0
"2010-11-20	07:00:00"	7.666	213.6	7.229	9.35	4.085	220	11.64	5.771	43.73	40.59	3.141	0.29	70.5	26.409	0	0
"2010-11-20	08:00:00"	8.28	221.9	8.54	10.54	4.518	226.5	11.2	6.368	42.56	40.12	2.446	0.29	73.32	26.422	21.344	0
"2010-11-20	09:00:00"	8.35	228.3	9.67	13.52	6.186	229.7	12.26	9.95	45.1	45.35	-0.255	0.294	65.67	26.443	189.06	0
"2010-11-20	10:00:00"	10.86	220.4	8.46	14.72	8.29	221.3	12.87	12.93	51.17	52.28	-1.106	0.297	52.57	26.453	367	0
"2010-11-20	11:00:00"	9.58	220.3	12.25	15.31	7.525	221	16.92	12.93	59.73	61.32	-1.589	0.308	36.42	26.453	535.79	0
"2010-11-20	12:00:00"	10.59	223	13.24	15.91	8.36	225	16.77	14.12	67.18	68.82	-1.648	0.306	25.13	26.435	559.1	0
"2010-11-20	13:00:00"	12.28	219	15.51	18.89	9.34	220	19.15	15.91	70.61	72.27	-1.66	0.307	20.18	26.41	536.57	0
"2010-11-20	14:00:00"	13.99	225	13.77	21.28	10.64	225.7	16.53	18.3	72.92	74.24	-1.319	0.304	16.86	26.383	427.96	0
"2010-11-20	15:00:00"	13.24	237.2	15.13	20.68	10.28	238.8	18.15	17.7	72.27	72.76	-0.492	0.305	15.34	26.368	236.06	0
"2010-11-20	16:00:00"	11.83	242.1	9.5	18.89	8.63	244.2	12.82	16.51	72.6	73.03	-0.432	0.305	14.16	26.361	255.64	0
"2010-11-20	17:00:00"	11.38	222	10.32	18.89	7.802	223.1	13.66	14.72	72.88	73	-0.113	0.305	14.91	26.35	176.13	0
"2010-11-20	18:00:00"	8.76	196.5	9.88	11.74	4.715	195.5	13.36	9.35	69.56	67.52	2.038	0.305	19.6	26.343	33.173	0
"2010-11-20	19:00:00"	8.86	197.2	17.51	14.12	4.934	206.2	23.61	9.35	65.39	62.47	2.922	0.302	24.28	26.351	0.01791	0
"2010-11-20	20:00:00"	6.631	226.1	11.35	14.12	1.945	233.1	23.39	8.75	62.5	58.39	4.117	0.305	26.98	26.37	0	0
"2010-11-20	21:00:00"	7.981	226.4	13.3	12.33	4.335	230.3	19.54	10.54	60.71	57.72	2.987	0.307	28.95	26.382	0	0
"2010-11-20	22:00:00"	7.809	211	7.8	9.95	3.827	215.3	12.49	5.771	57.61	54.34	3.266	0.308	35.3	26.381	0	0
"2010-11-20	23:00:00"	6.938	220.5	10.86	9.35	3.516	225.4	15.65	5.175	55.28	52.08	3.191	0.304	42.62	26.384	0	0
"2010-11-21	00:00:00"	7.158	218.3	11.88	9.35	2.042	230.2	18.94	5.175	53.43	50.3	3.132	0.3	51.59	26.377	0	0
"2010-11-21	01:00:00"	6.328	209	7.246	8.16	1	225.2	10.2	1	52.11	49.36	2.752	0.294	63.21	26.373	0	0
"2010-11-21	02:00:00"	6.584	227.5	13.76	9.35	1	243	19.86	1.596	51.73	48.86	2.87	0.294	70.22	26.365	0	0

WCS Meteorological Data
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ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-21	03:00:00"	6.981	243.7	8.64	8.75	1.647	254.8	10.5	5.771	51.29	48.13	3.165	0.293	73.92	26.353	0	0
"2010-11-21	04:00:00"	6.124	203.2	19.62	8.75	1	210.9	28.63	1	52.41	49.73	2.685	0.297	78.29	26.344	0	0
"2010-11-21	05:00:00"	7.384	187.4	22.49	9.95	1	190.6	30.74	1	51.8	48.57	3.225	0.295	85.3	26.34	0	0
"2010-11-21	06:00:00"	5.011	229.5	9.21	7.561	1	253.8	16.07	1	51.32	48.3	3.018	0.295	88	26.341	0	0
"2010-11-21	07:00:00"	6.552	203.8	4.447	8.16	1	204.8	5.82	1	50.74	47.31	3.424	0.295	91.4	26.348	0.23518	0
"2010-11-21	08:00:00"	7.565	202.2	8.03	9.95	1	204.3	13.26	1	49.45	46.18	3.269	0.293	93.2	26.36	7.3075	0
"2010-11-21	09:00:00"	3.556	220.3	12.28	8.75	1.095	223.8	15.57	5.771	49.27	48.48	0.797	0.296	92.5	26.379	173.63	0
"2010-11-21	10:00:00"	6.114	233.9	13.22	9.95	5.242	236.9	16.19	8.75	54.18	54.85	-0.67	0.309	71.24	26.395	348.86	0
"2010-11-21	11:00:00"	7.706	242.3	18.6	14.72	6.248	243	22.78	13.52	62.6	63.71	-1.106	0.311	44.28	26.401	498.17	0
"2010-11-21	12:00:00"	11.66	249.8	13.12	19.49	9.34	251.8	16.49	18.3	68.54	70.19	-1.65	0.306	27.12	26.39	603.61	0
"2010-11-21	13:00:00"	16.52	241.7	11.56	28.43	13.25	243.8	14.68	23.66	72.23	73.92	-1.695	0.305	17.47	26.353	650.79	0
"2010-11-21	14:00:00"	21.12	238.1	14.5	38.57	16.59	239.8	17.57	30.82	73.33	74.95	-1.612	0.305	15.44	26.315	616.19	0
"2010-11-21	15:00:00"	21.24	228.4	12.94	36.19	16.21	229.9	15.47	28.43	74.74	76.16	-1.427	0.306	14.36	26.303	536.72	0
"2010-11-21	16:00:00"	21.31	244	12.1	36.78	16.87	246	15.24	32.01	75.56	76.47	-0.909	0.305	12.91	26.292	391.97	0
"2010-11-21	17:00:00"	22.51	245.7	9.92	35.59	17.92	247.7	12.98	29.63	74.89	75.15	-0.261	0.305	13.22	26.289	217.54	0
"2010-11-21	18:00:00"	15.35	254.4	10.09	29.03	11.52	257.1	12.37	26.05	72.24	71.57	0.669	0.304	15.78	26.301	42.669	0
"2010-11-21	19:00:00"	9.47	272.8	7.558	15.31	5.919	275.2	10.6	11.74	68.65	66.41	2.241	0.304	19.69	26.312	0.07605	0
"2010-11-21	20:00:00"	6.368	240.8	29.79	10.54	3.744	227.1	46.73	6.964	66.18	61.52	4.661	0.303	23.31	26.314	0	0
"2010-11-21	21:00:00"	4.778	223.5	39.8	8.16	2.064	206.4	61.83	5.175	64.06	59.31	4.743	0.303	25.32	26.319	0	0
"2010-11-21	22:00:00"	5.065	213.9	23.8	6.368	1.322	233.8	46.18	3.982	62.49	58.36	4.125	0.307	26.26	26.322	0	0
"2010-11-21	23:00:00"	6.86	219.8	23.82	11.14	3.368	227.9	32.65	8.16	59.11	54.87	4.231	0.307	29.69	26.327	0	0
"2010-11-22	00:00:00"	8.13	180.8	25.5	16.51	4.478	184.1	32.8	11.14	55.33	52.99	2.335	0.304	31.66	26.326	0	0
"2010-11-22	01:00:00"	7.14	176.2	8.73	11.14	1.381	172.9	14.39	4.578	53.28	50.24	3.034	0.299	52.12	26.327	0	0
"2010-11-22	02:00:00"	7.699	211.1	26.79	11.14	1.668	219.7	34.59	5.771	53.9	49.66	4.234	0.303	70.1	26.324	0	0
"2010-11-22	03:00:00"	6.257	242.7	17.6	10.54	1.425	245	25.85	6.368	54.36	49.85	4.51	0.301	58.95	26.319	0	0
"2010-11-22	04:00:00"	5.402	172.9	75.38	11.74	1	117.5	60.84	1	50.81	45.34	5.471	0.293	57.81	26.321	0	0
"2010-11-22	05:00:00"	7.942	170.9	6.83	11.14	1.001	164.3	14.3	1.596	50.09	44.79	5.301	0.292	62.38	26.33	0	0
"2010-11-22	06:00:00"	6.643	178.9	9.81	11.14	1.633	172.8	26.71	7.561	49.88	45.26	4.624	0.292	58.8	26.329	0	0
"2010-11-22	07:00:00"	7.194	212.9	17.63	9.95	1.147	222.9	26.14	5.175	49.19	45.15	4.049	0.291	57.15	26.344	0	0
"2010-11-22	08:00:00"	5.331	210.3	13.29	9.35	1	208.5	33.55	1	47.77	44.01	3.766	0.292	57.9	26.359	18.828	0
"2010-11-22	09:00:00"	3.671	207	46.48	8.16	1	201.4	62.57	1	48.79	48.03	0.759	0.296	53.17	26.389	171.97	0
"2010-11-22	10:00:00"	7.524	237	23.21	17.1	4.182	238.9	25.25	13.52	55.74	56.55	-0.809	0.305	41.24	26.409	355.07	0
"2010-11-22	11:00:00"	10.91	237.9	14.04	18.89	8.66	239	17.02	18.3	62.7	64	-1.302	0.309	32.24	26.419	508.78	0
"2010-11-22	12:00:00"	16.8	251.6	12.41	28.43	13.3	254.2	14.83	26.05	66.93	68.48	-1.55	0.307	24.85	26.403	610.86	0
"2010-11-22	13:00:00"	21.75	240.3	12.71	35.59	17.06	242.3	15.58	28.43	69.58	71.22	-1.64	0.304	19.45	26.374	650.71	0
"2010-11-22	14:00:00"	22.15	238.7	12.28	39.17	17.56	240.4	15.33	29.63	69.77	71.38	-1.608	0.305	19.22	26.353	609.86	0
"2010-11-22	15:00:00"	21	239.8	12.55	33.8	16.54	241.8	15.58	33.21	69.97	71.43	-1.456	0.304	18.34	26.344	531.47	0
"2010-11-22	16:00:00"	20.4	242.4	12.77	33.8	16.18	244.5	15.88	24.86	70.16	71.19	-1.035	0.305	17.16	26.344	389.16	0
"2010-11-22	17:00:00"	18.26	246.4	10.88	34.4	14.38	248.7	13.61	26.05	70.12	70.46	-0.337	0.305	15.15	26.349	215.99	0
"2010-11-22	18:00:00"	15.6	253.1	12.59	29.03	12.05	255.6	15.15	23.07	67.75	67.18	0.569	0.305	14.3	26.368	40.583	0
"2010-11-22	19:00:00"	9.73	266.3	11.84	15.91	6.179	267.9	14.59	11.14	62.75	60.87	1.873	0.305	16.74	26.405	0.07855	0
"2010-11-22	20:00:00"	7.188	277.2	38.15	17.1	4.228	277.5	56.43	12.33	59.83	57.24	2.589	0.309	18.89	26.426	0	0
"2010-11-22	21:00:00"	7.273	291.2	22.32	14.12	3.501	313.4	56.12	8.75	55.54	51.87	3.666	0.304	23.02	26.433	0	0
"2010-11-22	22:00:00"	6.905	271.4	13.56	10.54	2.905	261.8	30.4	5.771	55.41	50.76	4.642	0.304	24.18	26.438	0	0
"2010-11-22	23:00:00"	11.83	310	15.53	18.89	6.448	321.1	17.39	14.12	54.23	48.16	6.071	0.3	28.28	26.436	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-23	00:00:00"	7.475	270.9	48.9	16.51	4.168	263.6	56.15	12.33	51.36	48.95	2.417	0.292	28.95	26.435	0
"2010-11-23	01:00:00"	5.252	261.7	39.76	8.75	3.079	283.7	61.04	5.175	50.34	45	5.339	0.292	32.5	26.438	0
"2010-11-23	02:00:00"	6.924	317	27.07	13.52	3.882	329.9	22.57	8.16	49.6	43.11	6.486	0.292	34.55	26.444	0
"2010-11-23	03:00:00"	10.97	355.6	11.66	14.72	5.603	352.7	13.27	11.14	45.36	37.2	8.17	0.289	41.38	26.445	0
"2010-11-23	04:00:00"	9.6	17.18	8.01	11.74	5.004	17.93	15.39	7.561	41.42	38.05	3.373	0.29	41.66	26.451	0
"2010-11-23	05:00:00"	10.47	25.56	7.329	14.12	6.001	25.95	13.81	9.95	39.04	36.72	2.316	0.287	45.99	26.462	0
"2010-11-23	06:00:00"	9.69	32.83	5.853	12.33	5.36	34.9	10.49	9.35	36.04	33.41	2.637	0.288	52.18	26.475	0
"2010-11-23	07:00:00"	10.2	35.99	4.696	13.52	5.526	38.81	9.65	8.75	37.38	33.97	3.414	0.288	52.99	26.477	0
"2010-11-23	08:00:00"	8.62	32.79	5.327	12.33	4.764	31.38	11.12	7.561	35.66	33.08	2.577	0.289	55.21	26.477	17.672
"2010-11-23	09:00:00"	8.93	50.73	10.43	12.33	6.423	50.33	11.66	10.54	42.35	42.42	-0.063	0.291	42.03	26.495	169.89
"2010-11-23	10:00:00"	9.21	82.3	17.3	13.52	7.018	81.3	19.55	11.14	50.81	51.99	-1.181	0.297	30.08	26.508	351.65
"2010-11-23	11:00:00"	10.46	130.4	14.99	21.87	8	129.5	17.12	19.49	56.55	58.01	-1.459	0.31	24.8	26.51	505.36
"2010-11-23	12:00:00"	10.03	182.8	30.39	17.7	7.878	181.7	33.08	14.12	60.11	61.79	-1.672	0.309	21.07	26.492	611.83
"2010-11-23	13:00:00"	11.98	210.9	19.53	20.09	9.47	210.9	24.19	16.51	62.98	64.93	-1.954	0.31	17.6	26.454	653.96
"2010-11-23	14:00:00"	12.96	217.3	15.84	21.87	10.06	219.1	19.46	18.3	65.03	67.08	-2.047	0.308	16.31	26.411	617.61
"2010-11-23	15:00:00"	14.31	213.4	12.28	23.07	10.85	214.2	16.65	18.89	66.8	68.6	-1.802	0.306	14.54	26.38	533.89
"2010-11-23	16:00:00"	14.1	204.4	11.82	21.87	10.42	204.8	16.23	18.3	67.57	68.8	-1.225	0.304	15.63	26.355	359.39
"2010-11-23	17:00:00"	12.46	197.9	12.05	21.28	8.73	197.3	15.99	16.51	66.79	66.95	-0.162	0.307	19.99	26.347	127.63
"2010-11-23	18:00:00"	10.29	181.9	7.6	15.31	6.937	178.6	11.44	11.74	65.23	64.54	0.69	0.304	22.86	26.334	39.735
"2010-11-23	19:00:00"	9.3	167.1	6.438	12.33	4.703	162.7	9.74	8.16	59.53	57.04	2.488	0.31	29.08	26.336	0.04234
"2010-11-23	20:00:00"	9.89	167.9	5.638	13.52	5.273	165.3	9.55	8.16	56.12	53.58	2.542	0.306	32.04	26.336	0
"2010-11-23	21:00:00"	9.21	167.3	7.544	14.72	5.165	164.5	10.58	9.95	53.04	51.31	1.729	0.297	33.16	26.32	0
"2010-11-23	22:00:00"	9.75	163	7.366	14.12	6.188	159.1	9.48	10.54	54.34	53.31	1.03	0.301	30.34	26.31	0
"2010-11-23	23:00:00"	11.91	176	7.317	19.49	7.58	172.6	10.62	13.52	53.99	52.73	1.263	0.299	37.02	26.305	0
"2010-11-24	00:00:00"	11.22	176.4	7.309	15.31	7.556	174.4	10.81	12.33	54.21	53.39	0.823	0.302	74.76	26.295	0
"2010-11-24	01:00:00"	11.77	185.4	9.46	20.09	8.21	185.8	13.88	15.91	53.32	52.91	0.416	0.298	89.6	26.27	0.03747
"2010-11-24	02:00:00"	16.98	184.2	9.06	26.05	12.43	182.8	13.81	20.09	55.61	55.64	-0.031	0.308	92.8	26.249	1.5535
"2010-11-24	03:00:00"	17.64	188.5	9.1	26.65	12.7	187.8	13.22	20.68	56.53	56.6	-0.067	0.311	91.6	26.233	0.69048
"2010-11-24	04:00:00"	17.18	193.5	8.79	24.86	12.47	193.3	13.34	20.68	56.25	56.35	-0.096	0.31	92	26.226	1.1644
"2010-11-24	05:00:00"	16.66	207.6	9.55	24.26	11.98	208.9	14.02	20.68	54.89	54.99	-0.1	0.307	91.8	26.22	0.83889
"2010-11-24	06:00:00"	12.36	200.2	9.88	21.28	8.75	200.4	14.23	17.1	53.15	53.25	-0.099	0.298	92.1	26.224	1.1275
"2010-11-24	07:00:00"	9.71	209.5	9.69	14.72	6.871	210.6	14.1	11.74	50.78	50.86	-0.085	0.294	93.1	26.235	1.967
"2010-11-24	08:00:00"	7.197	219.8	11.37	11.14	5.154	223	15.29	8.75	48.15	48.22	-0.076	0.291	93.9	26.243	8.735
"2010-11-24	09:00:00"	5.145	199.8	25.44	8.75	4.029	200.4	30.12	7.561	47.02	47.39	-0.374	0.291	94.4	26.257	123.13
"2010-11-24	10:00:00"	5.704	178	22.43	12.93	4.711	174.8	26.47	12.33	50.38	51.08	-0.704	0.296	84.2	26.269	353.64
"2010-11-24	11:00:00"	9.61	230.7	17.55	16.51	7.95	231.3	20.3	14.72	59.36	60.77	-1.412	0.309	38.92	26.262	489.46
"2010-11-24	12:00:00"	11.48	249.6	12.72	19.49	9.52	250.3	16.09	17.7	64.99	66.55	-1.555	0.307	23.93	26.245	578.82
"2010-11-24	13:00:00"	13.07	247.3	19.28	26.65	10.71	248.5	20.88	21.87	69.41	71	-1.597	0.306	13.16	26.214	636.06
"2010-11-24	14:00:00"	17.25	234.1	13.93	29.63	13.77	234.9	16.64	24.86	71.08	72.81	-1.724	0.307	9.27	26.18	595.73
"2010-11-24	15:00:00"	18.71	228	12.22	29.63	14.4	229.2	15.76	23.66	72.21	73.54	-1.332	0.305	7.905	26.15	459.14
"2010-11-24	16:00:00"	19.59	231.1	11.09	30.22	15.32	232.7	14.23	25.45	72.27	72.97	-0.7	0.305	6.974	26.136	305.42
"2010-11-24	17:00:00"	17.74	239.9	10.55	30.22	14.24	241.9	13.05	24.86	71.12	71.16	-0.045	0.305	7.667	26.141	131.94
"2010-11-24	18:00:00"	12.23	244.4	9.21	23.07	9.55	245.8	11.95	21.28	68.97	68.32	0.65	0.304	9.42	26.157	13.87
"2010-11-24	19:00:00"	8.52	219.2	14.57	15.31	5.349	216.4	19.03	11.74	66.1	63.95	2.15	0.303	11.82	26.171	0.01763
"2010-11-24	20:00:00"	6.994	263.6	18.63	11.74	3.636	266.4	20.01	8.75	63.52	60.66	2.859	0.305	13.13	26.177	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-24	21:00:00"	9.98	310.1	52.49	14.72	5.325	314.6	54.75	9.95	58.53	55.54	2.995	0.308	16.08	26.168	0
"2010-11-24	22:00:00"	4.059	265.3	24.69	14.72	3.633	266.8	32.01	11.74	62.73	60.86	1.871	0.305	11.87	26.179	0
"2010-11-24	23:00:00"	1	236.3	31.76	1	3.325	241.7	45.52	6.368	61.3	57.51	3.792	0.306	13.82	26.181	0
"2010-11-25	00:00:00"	1.224	214.9	29.99	5.771	1.755	200.4	41.65	4.578	58.57	54.18	4.39	0.309	16.49	26.183	0
"2010-11-25	01:00:00"	5.773	197.6	16.71	8.16	1	200.7	22.33	1	58.48	54.47	4.017	0.307	16.37	26.191	0
"2010-11-25	02:00:00"	5.924	228.3	12.74	8.16	2.17	231.8	19.08	4.578	57.4	53.55	3.846	0.308	17.1	26.19	0
"2010-11-25	03:00:00"	5.118	255.2	8.44	6.964	1.937	256.2	21.18	4.578	55.16	51.63	3.529	0.302	19.09	26.189	0
"2010-11-25	04:00:00"	2.254	261.7	15.44	6.368	1.454	263.1	33.78	4.578	56.22	52.68	3.539	0.306	18.34	26.189	0
"2010-11-25	05:00:00"	6.872	309	13.44	8.75	1.483	313.1	16.29	4.578	55.25	51.68	3.57	0.303	19.62	26.191	0
"2010-11-25	06:00:00"	10.26	6.872	28.71	20.68	6.747	6.515	31.77	16.51	52.65	51.46	1.197	0.296	20.35	26.207	0
"2010-11-25	07:00:00"	17.61	31.77	8.84	26.05	12.91	32.04	13.52	21.87	44.18	44.05	0.131	0.291	39.05	26.226	0
"2010-11-25	08:00:00"	19.42	33.47	7.792	28.43	14.19	33.99	12.49	23.07	36.94	37.05	-0.11	0.288	52.52	26.266	4.241
"2010-11-25	09:00:00"	20.33	35.97	8.47	28.43	15.06	36.19	12.77	24.26	34.05	34.6	-0.545	0.291	45.41	26.307	105.83
"2010-11-25	10:00:00"	18.31	35.21	10.94	27.24	13.66	35.29	15.29	20.68	34.08	35.3	-1.219	0.293	37.53	26.347	290.9
"2010-11-25	11:00:00"	17.77	35.16	10.49	24.86	13.4	35.37	14.63	21.28	35.68	37.46	-1.785	0.29	31.31	26.371	422.27
"2010-11-25	12:00:00"	16.29	42.96	11.73	23.07	12.48	43.07	15.09	19.49	37.41	39.68	-2.272	0.29	28.32	26.383	588.36
"2010-11-25	13:00:00"	13.49	34.11	14.02	20.09	10.63	32.93	18.73	17.1	40.38	42.99	-2.609	0.29	25.68	26.377	639.12
"2010-11-25	14:00:00"	12.97	32.17	13.47	23.07	10.19	31.26	18.47	18.89	42.89	45.31	-2.419	0.29	23.79	26.377	594.19
"2010-11-25	15:00:00"	12.9	39.56	13.94	19.49	10.01	39.05	18.57	17.1	44.9	47.07	-2.173	0.292	22.62	26.384	525.23
"2010-11-25	16:00:00"	12.1	39.86	14.68	19.49	9.38	40.13	17.95	16.51	46.21	47.93	-1.717	0.29	22.81	26.39	383.26
"2010-11-25	17:00:00"	9.32	39.02	12.25	15.31	7.233	38.7	15.57	12.93	46.42	47.38	-0.965	0.291	23.77	26.417	209.73
"2010-11-25	18:00:00"	8.84	51.25	8.07	12.93	6.038	51.29	10.95	10.54	44.14	43.55	0.594	0.291	26.64	26.437	38.785
"2010-11-25	19:00:00"	8.83	59.55	5.224	10.54	4.717	56.95	9.32	6.964	37.98	35.65	2.327	0.29	32.6	26.457	0.06672
"2010-11-25	20:00:00"	9.65	68.74	5.146	13.52	5.343	63.43	9.55	9.95	34.35	32.06	2.291	0.289	35.31	26.483	0
"2010-11-25	21:00:00"	9.07	70.43	7.094	11.74	5.445	66.67	10.35	8.16	32.83	31.42	1.409	0.295	34.96	26.501	0
"2010-11-25	22:00:00"	8.32	69.04	6.12	11.74	4.662	62.21	11.29	7.561	30.81	28.79	2.019	0.299	37.17	26.513	0
"2010-11-25	23:00:00"	7.421	47.24	11.25	10.54	4.077	35.8	13.28	6.964	30.05	27.22	2.821	0.3	38.04	26.537	0
"2010-11-26	00:00:00"	6.273	353.7	19.25	10.54	4.072	330	16.14	6.368	29.55	23.5	6.055	0.301	42.53	26.556	0
"2010-11-26	01:00:00"	7.21	332.4	13.61	9.95	3.733	324.2	14.32	5.175	30.3	21.86	8.44	0.298	45.42	26.574	0
"2010-11-26	02:00:00"	2.205	304.7	27.23	6.368	2.978	338	20.95	5.175	31.78	23.88	7.904	0.296	43.59	26.574	0.00019
"2010-11-26	03:00:00"	2.559	212.7	20.82	5.175	2.199	243.3	44.08	3.982	30.5	26.21	4.296	0.299	39.65	26.582	0
"2010-11-26	04:00:00"	4.685	250.4	9.61	6.964	2.859	285.5	15.59	4.578	28.45	22.99	5.459	0.3	44.75	26.597	0
"2010-11-26	05:00:00"	4.671	253.9	15.04	7.561	2.639	297.9	12.56	4.578	27.78	23.31	4.469	0.3	43.73	26.598	0
"2010-11-26	06:00:00"	5.353	253.9	8.72	6.964	3.427	271	28.6	5.771	27.17	22.51	4.657	0.301	43.17	26.608	0.00029
"2010-11-26	07:00:00"	5.732	249.5	20.15	7.561	3.537	247.4	39.79	5.175	24.69	20.53	4.16	0.298	44.93	26.615	0.00058
"2010-11-26	08:00:00"	6.67	261.2	5.558	9.35	3.993	263	8.19	5.771	25.67	22.48	3.189	0.298	41.74	26.624	16.119
"2010-11-26	09:00:00"	7.625	259.7	11.74	11.74	5.765	261.9	14.48	9.35	27.55	27.6	-0.051	0.303	34.98	26.641	168.41
"2010-11-26	10:00:00"	7.905	228.3	14.55	12.93	6.523	230.3	18.22	10.54	32.96	33.91	-0.951	0.297	28.13	26.657	349.06
"2010-11-26	11:00:00"	9.95	233	15.36	15.31	8.31	235.9	18.45	12.33	39.96	41.37	-1.412	0.291	22.5	26.659	504.24
"2010-11-26	12:00:00"	9.61	241.3	17.67	16.51	7.957	241.8	20.87	13.52	44.64	46.29	-1.645	0.293	16.65	26.644	610.02
"2010-11-26	13:00:00"	9.43	251	17.49	16.51	7.887	251.9	20.49	15.31	47.76	49.54	-1.782	0.294	13.31	26.62	651.99
"2010-11-26	14:00:00"	8.75	237.7	20.21	17.1	7.224	237.5	24.53	14.72	50.29	52.06	-1.776	0.295	11.68	26.6	615.39
"2010-11-26	15:00:00"	8.32	223.2	22.51	15.31	6.753	222.7	27.17	12.33	52.23	53.79	-1.561	0.299	10.43	26.579	537.98
"2010-11-26	16:00:00"	7.713	226.9	22.97	14.72	6.157	228.5	25.68	11.74	53.34	54.57	-1.234	0.302	9.26	26.566	397.56
"2010-11-26	17:00:00"	7.55	228.5	17.68	12.93	5.749	230.1	20.44	10.54	53.98	54.63	-0.645	0.303	9.11	26.568	221.56

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-26	18:00:00"	7.449	183.6	13.22	9.95	4.005	179.5	17.34	6.964	51.08	49.38	1.698	0.296	12.34	26.57	43.187	0	
"2010-11-26	19:00:00"	7.933	162	4.322	9.35	1.708	155.5	8.56	3.982	45.65	41.12	4.537	0.289	17.56	26.567	0.0644	0	
"2010-11-26	20:00:00"	8.13	157	5.155	9.95	2.454	146.1	10.13	5.175	44.42	39.86	4.557	0.288	18.35	26.571	0	0	
"2010-11-26	21:00:00"	8.86	153.4	3.989	9.95	3.872	144.4	5.951	5.175	44.01	39.02	4.983	0.288	18.63	26.572	0	0	
"2010-11-26	22:00:00"	7.648	157.9	6.086	9.95	2.179	157.9	16.06	4.578	41.63	37.65	3.983	0.289	19.43	26.575	0	0	
"2010-11-26	23:00:00"	6.408	172	5.215	8.16	2.9	178.7	8.19	4.578	38.64	35.95	2.69	0.288	20.52	26.574	0	0	
"2010-11-27	00:00:00"	7.125	171	5.619	8.75	2.275	168.4	9.05	5.175	36.72	33.36	3.355	0.287	22.9	26.571	0	0	
"2010-11-27	01:00:00"	6.815	196	12.2	10.54	2.424	205.7	19.01	5.771	35.74	32.71	3.029	0.287	24.18	26.572	0	0	
"2010-11-27	02:00:00"	5.671	196.1	6.239	6.964	1.136	216.9	8.97	4.578	35.25	32.95	2.301	0.288	24.65	26.561	0	0	
"2010-11-27	03:00:00"	6.553	177.6	6.173	8.75	1.001	176.7	14.07	2.193	36.59	33.34	3.247	0.289	24.91	26.559	0	0	
"2010-11-27	04:00:00"	6.768	172.3	5.215	9.35	1	168.2	7.4	1	36.75	33.23	3.523	0.288	26.33	26.549	0	0	
"2010-11-27	05:00:00"	6.099	167.8	5.45	8.16	1	161.1	10.31	1	36.27	33.62	2.65	0.288	28.28	26.543	0	0	
"2010-11-27	06:00:00"	7.154	169.1	4.658	9.35	2.072	168.2	5.018	5.175	35.1	31.86	3.243	0.289	32.2	26.536	0	0	
"2010-11-27	07:00:00"	7.32	166.6	5.921	9.95	1.095	171.6	8.24	4.578	34.31	31.24	3.071	0.291	36.21	26.535	0	0	
"2010-11-27	08:00:00"	7.384	175.9	5.665	9.95	1	173.9	6.921	1	34.97	32.17	2.798	0.29	36.9	26.539	14.344	0	
"2010-11-27	09:00:00"	8.43	181.3	8.93	12.33	5.878	180	12.48	9.95	36.73	36.45	0.28	0.29	33.24	26.546	162.8	0	
"2010-11-27	10:00:00"	9.07	191.6	9.26	12.93	6.875	191.8	13.8	9.95	41.63	42.4	-0.767	0.291	27.14	26.551	268.81	0	
"2010-11-27	11:00:00"	9.06	181.2	13.59	15.31	7.073	179	17.5	12.33	47.69	48.97	-1.281	0.293	20.08	26.546	485.75	0	
"2010-11-27	12:00:00"	11.6	197.5	15.64	18.3	8.91	197.4	21.35	15.31	52.97	54.96	-1.991	0.301	14.02	26.527	614.19	0	
"2010-11-27	13:00:00"	12.91	201.9	13.39	19.49	9.68	202	17.64	16.51	55.15	57.3	-2.152	0.307	11.04	26.496	646.7	0	
"2010-11-27	14:00:00"	12.85	210.4	12.61	18.89	9.83	210.1	16.9	15.91	56.71	58.79	-2.081	0.309	9.42	26.459	601.91	0	
"2010-11-27	15:00:00"	12.25	202.6	14.49	19.49	9.34	202.8	18.83	15.91	57.65	59.39	-1.74	0.309	9.54	26.429	489.7	0	
"2010-11-27	16:00:00"	13	197.8	13.57	20.09	9.63	197.5	17.88	15.91	57.51	58.57	-1.062	0.308	10.38	26.406	314.21	0	
"2010-11-27	17:00:00"	11.95	180.7	11.65	17.1	8.89	178.2	15.45	13.52	56.66	56.91	-0.246	0.307	10.4	26.399	154.47	0	
"2010-11-27	18:00:00"	6.298	157.8	10.62	12.33	2.374	148.5	13.85	9.95	54.51	52.98	1.53	0.302	10.66	26.378	34.401	0	
"2010-11-27	19:00:00"	7.8	150.1	4.759	11.14	1.86	134.7	10.79	5.175	51.1	47.13	3.972	0.292	14.19	26.37	0.05808	0	
"2010-11-27	20:00:00"	11.29	153.3	6.953	15.91	7.241	150.3	8.91	11.74	47.4	45.77	1.634	0.291	23.03	26.37	0	0	
"2010-11-27	21:00:00"	10.56	158.8	8.58	15.31	7.27	156.1	10.38	11.74	44.95	44.12	0.827	0.29	27.09	26.361	0	0	
"2010-11-27	22:00:00"	9.87	160	8.26	13.52	6.639	157.3	9.95	9.95	43.13	42.33	0.8	0.29	30.11	26.354	0	0	
"2010-11-27	23:00:00"	9.62	169.6	8.48	13.52	6.223	169.3	12.14	9.95	41.08	39.98	1.099	0.29	35.29	26.336	0	0	
"2010-11-28	00:00:00"	9.71	183.5	12.17	14.72	6.342	184.4	16.45	11.74	39.59	38.53	1.064	0.29	39.08	26.316	0	0	
"2010-11-28	01:00:00"	8.47	197.2	7.566	11.74	4.361	203	12.31	7.561	36.89	34.7	2.194	0.288	44.61	26.297	0	0	
"2010-11-28	02:00:00"	8.88	194.4	8.3	12.33	5.028	197.3	12.21	8.16	35.29	33.21	2.082	0.288	46.58	26.276	0	0	
"2010-11-28	03:00:00"	12.13	191.5	7.474	16.51	7.955	193.2	12.12	12.33	35.67	34.45	1.227	0.289	44.77	26.253	0	0	
"2010-11-28	04:00:00"	10.07	202.8	8.08	16.51	5.825	205.6	12.36	11.14	35.42	33.74	1.678	0.288	45.62	26.244	0	0	
"2010-11-28	05:00:00"	9.27	205.8	8.67	11.74	5.255	209.7	11.68	8.16	35.15	33.14	2.013	0.29	47.15	26.222	0	0	
"2010-11-28	06:00:00"	9.14	205.1	4.72	11.14	4.892	208.9	9.79	7.561	33.47	30.99	2.48	0.293	50.9	26.21	0	0	
"2010-11-28	07:00:00"	8.82	206.8	7.077	12.33	4.916	211.3	11.63	7.561	32.88	30.96	1.921	0.294	52.1	26.198	0	0	
"2010-11-28	08:00:00"	8.7	207.8	6.714	11.14	5.055	210.1	11.42	7.561	33.45	31.72	1.735	0.294	50.79	26.195	12.581	0	
"2010-11-28	09:00:00"	8.69	204.4	13.2	16.51	6.339	205.6	17.44	13.52	35.64	35.76	-0.124	0.293	44.57	26.199	154.95	0	
"2010-11-28	10:00:00"	14.42	184.3	9.62	20.09	10.68	183.1	13.45	16.51	43.79	44.72	-0.934	0.291	33.75	26.198	331.87	0	
"2010-11-28	11:00:00"	14.1	189.8	10.82	20.09	10.58	189.3	15.05	16.51	49.47	50.98	-1.507	0.294	28.37	26.191	485.95	0	
"2010-11-28	12:00:00"	15.96	192.7	11.1	25.45	12	191.7	15.35	20.09	56.26	57.92	-1.66	0.307	23.26	26.167	591.88	0	
"2010-11-28	13:00:00"	19.11	202.3	12.92	30.82	13.99	202.1	17.13	23.66	61.2	62.97	-1.771	0.311	19.57	26.123	636.33	0	
"2010-11-28	14:00:00"	21.55	208.8	11.72	29.63	15.63	209.8	15.55	24.26	64.34	66.09	-1.751	0.309	16.81	26.086	600.76	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-28	15:00:00"	20	201.7	10.3	31.42	14.6	201.7	14.93	23.66	66.31	67.8	-1.49	0.306	15.32	26.057	522.19	0
"2010-11-28	16:00:00"	18.23	225.3	15.54	29.63	13.72	226.8	18.37	23.66	68.6	69.58	-0.973	0.305	12.21	26.043	379.11	0
"2010-11-28	17:00:00"	17.81	244.3	11.55	29.63	13.98	246.7	13.73	26.65	69.4	69.54	-0.143	0.304	8.97	26.037	205.33	0
"2010-11-28	18:00:00"	11.4	227.3	15.72	21.28	7.799	227.3	19.65	18.89	66.36	64.82	1.54	0.306	10.36	26.035	31.887	0
"2010-11-28	19:00:00"	7.563	212.5	25.84	12.93	3.179	218.1	32.97	6.964	59.62	56.2	3.418	0.309	13.83	26.033	0.04426	0
"2010-11-28	20:00:00"	4.901	211.9	22.17	7.561	1.396	200.7	35.55	5.175	58.24	55.27	2.964	0.31	13.95	26.045	0	0
"2010-11-28	21:00:00"	5.434	230.9	44.6	11.74	2.149	219.7	53.94	6.964	55.92	52.57	3.355	0.304	15.5	26.062	0	0
"2010-11-28	22:00:00"	8.09	220.8	25.11	17.7	5.271	218.2	31.3	16.51	54.73	52.33	2.395	0.301	16.64	26.092	0	0
"2010-11-28	23:00:00"	8.11	191	17.99	11.74	4.513	188.3	19.36	8.16	49.99	46.88	3.106	0.291	28.59	26.114	0	0
"2010-11-29	00:00:00"	9.08	241.7	20.74	18.89	5.28	240.3	22.12	16.51	49.62	46.54	3.086	0.292	24.59	26.135	0	0
"2010-11-29	01:00:00"	14.63	323.1	31.17	23.07	10.04	322.1	29.24	18.89	47.45	46.57	0.88	0.291	30.36	26.165	0	0
"2010-11-29	02:00:00"	11.06	349.1	10.48	17.1	7.472	346.3	11.89	13.52	41.61	40.58	1.03	0.289	44.19	26.174	0	0
"2010-11-29	03:00:00"	9.66	347.4	11.65	12.93	6.001	344.9	14.18	8.75	39.29	37.9	1.395	0.287	47.78	26.185	0	0
"2010-11-29	04:00:00"	8.67	327.5	10.12	12.33	3.899	324.9	16.8	9.35	37.68	34.9	2.782	0.287	50.62	26.202	0	0
"2010-11-29	05:00:00"	7.853	309.8	5.137	11.14	2.377	306.2	13.55	5.175	38.17	32.83	5.343	0.287	53.24	26.201	0	0
"2010-11-29	06:00:00"	6.792	299	7.651	8.75	1.623	301.4	10.2	3.982	37.72	33.96	3.761	0.287	50.67	26.213	0	0
"2010-11-29	07:00:00"	8.59	312.1	4.807	9.95	3.202	318.3	9.77	5.175	37.79	32.54	5.247	0.287	52.86	26.225	0	0
"2010-11-29	08:00:00"	7.289	299.3	3.598	9.95	2.592	312.2	6.714	5.175	38.61	33.56	5.055	0.287	52.9	26.247	11.212	0
"2010-11-29	09:00:00"	9.66	296.5	10.34	15.31	5.448	297	13.3	11.14	39.58	39.66	-0.075	0.29	42.95	26.267	149.49	0
"2010-11-29	10:00:00"	11.85	285.7	12.27	17.7	7.968	286.6	13.93	14.72	45.14	46.12	-0.981	0.292	33.49	26.289	315.02	0
"2010-11-29	11:00:00"	11.68	291.1	16.49	21.28	7.866	292.2	18.06	17.1	47.68	49.22	-1.535	0.294	30.94	26.294	472.54	0
"2010-11-29	12:00:00"	12.15	306.8	36.92	22.47	8.7	306	37.8	18.3	49.01	50.91	-1.897	0.293	28.03	26.283	583.22	0
"2010-11-29	13:00:00"	15.45	297.9	20.55	27.24	10.17	298	21.44	20.68	51.09	52.94	-1.853	0.295	21.71	26.253	603.82	0
"2010-11-29	14:00:00"	14.4	304.6	15.66	26.05	9.3	304	17.71	22.47	51.7	53.74	-2.04	0.295	19.23	26.234	595.84	0
"2010-11-29	15:00:00"	15.36	292.1	15.01	27.24	9.77	292.8	17.31	20.09	52.07	53.83	-1.758	0.296	16.07	26.237	522.25	0
"2010-11-29	16:00:00"	17.61	285.7	14.5	29.03	11.51	286.9	16.42	21.87	51.47	52.79	-1.323	0.295	14.23	26.254	384.86	0
"2010-11-29	17:00:00"	14.81	287.1	15.44	23.66	9.36	288.3	16.73	18.89	50.53	51.15	-0.612	0.292	14.29	26.284	210.06	0
"2010-11-29	18:00:00"	11.36	316.6	11.37	20.68	6.836	317	13.38	14.12	47.4	46.5	0.894	0.291	17.72	26.317	25.349	0
"2010-11-29	19:00:00"	18.19	316.8	14.2	29.03	11.16	316.2	15.48	21.28	44.73	44.27	0.457	0.289	26.25	26.371	0.03183	0
"2010-11-29	20:00:00"	17.91	306.2	13.16	30.82	10.41	306.4	14.98	23.66	43.62	43.31	0.312	0.29	32.4	26.416	0	0
"2010-11-29	21:00:00"	12.88	0.757	12.94	24.86	9.12	356.2	15.11	20.09	40.17	39.47	0.697	0.289	48.59	26.466	0	0
"2010-11-29	22:00:00"	9.84	348.2	8.31	14.72	6.223	345.9	10.86	11.14	35.6	34.11	1.494	0.287	59.18	26.506	0	0
"2010-11-29	23:00:00"	8.87	342.5	8.35	14.12	5.389	338.6	10.56	10.54	33.81	32.13	1.68	0.287	61.37	26.55	0	0
"2010-11-30	00:00:00"	11.89	3.502	11.58	18.89	8.02	358.8	13.92	15.31	34.14	32.77	1.364	0.289	51.67	26.578	0	0
"2010-11-30	01:00:00"	15.48	15.76	9.1	23.07	11.18	12.94	15.32	18.89	34.22	33.62	0.608	0.293	42.47	26.598	0	0
"2010-11-30	02:00:00"	11.66	17.11	7.6	17.1	7.93	14.04	13.49	12.33	31.39	30.59	0.791	0.298	46.63	26.609	0	0
"2010-11-30	03:00:00"	9.33	6.632	16.62	14.12	5.64	1.377	20.94	11.14	28.66	27.56	1.106	0.301	51.92	26.627	0	0
"2010-11-30	04:00:00"	7.353	327.2	14.98	11.14	1.881	325.5	18.68	6.964	25.32	22.71	2.614	0.299	59.66	26.649	0	0
"2010-11-30	05:00:00"	9.4	332.8	5.574	12.33	5.426	331.5	8.96	8.75	24.23	22.78	1.457	0.298	60.54	26.659	0	0
"2010-11-30	06:00:00"	9.05	326.7	4.606	12.33	4.787	324.7	8.2	8.16	23.44	21.83	1.608	0.298	62.1	26.675	0	0
"2010-11-30	07:00:00"	8.09	333.8	8.02	9.35	2.402	332.5	9.87	5.771	22.59	19.58	3.015	0.298	66.67	26.702	0.00086	0
"2010-11-30	08:00:00"	9.26	327.3	14.39	11.14	3.661	325.5	16.17	6.964	23.23	20.52	2.713	0.298	63.95	26.72	11.438	0
"2010-11-30	09:00:00"	8.92	315.7	6.517	12.93	4.997	314.5	9.91	9.35	26.39	26.56	-0.167	0.3	53.21	26.743	147.31	0
"2010-11-30	10:00:00"	6.646	349.9	29.79	11.14	5.054	345.8	31.48	9.95	34.01	35.17	-1.155	0.294	35.12	26.776	324.26	0
"2010-11-30	11:00:00"	5.728	10.99	37.86	12.93	4.023	9.79	42.08	11.74	36.86	38.36	-1.497	0.289	29.14	26.789	479.09	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-11-30	12:00:00"	4.842	261	69.89	12.93	3.282	253.9	75.27	11.14	39.08	40.44	-1.361	0.292	27.31	26.768	586.52	0	
"2010-11-30	13:00:00"	7.196	244	32.68	18.89	5.406	245.9	37.79	15.31	40.9	42.51	-1.613	0.291	26.41	26.738	630.85	0	
"2010-11-30	14:00:00"	12.33	249.6	20.05	20.68	9.76	250.7	23.39	17.7	43.5	45.49	-1.989	0.294	26.35	26.712	596.26	0	
"2010-11-30	15:00:00"	14.28	241	15.08	23.66	11.12	243	17.43	20.09	45.46	47.25	-1.79	0.291	27.52	26.69	519.97	0	
"2010-11-30	16:00:00"	14.75	244.2	15.95	23.07	11.6	245.2	18.56	20.09	46.45	47.77	-1.318	0.29	27.12	26.68	381.28	0	
"2010-11-30	17:00:00"	12.97	246.4	10.92	20.09	8.78	247.7	13.69	17.1	47.5	48.13	-0.623	0.291	26.51	26.672	212.02	0	
"2010-11-30	18:00:00"	9.11	250.2	7.878	15.31	5.825	252.3	10.2	14.72	46.97	45.89	1.08	0.29	26.65	26.667	39.854	0	
"2010-11-30	19:00:00"	5.521	250	7.87	8.75	1	258.5	9.05	1	44.34	41.66	2.682	0.29	29.92	26.659	0.05205	0	
"2010-11-30	20:00:00"	4.217	231.2	10.26	6.368	1	218.1	18.41	1	41.5	38.96	2.539	0.289	32.31	26.661	0	0	
"2010-11-30	21:00:00"	5.853	223.5	7.61	8.75	1	207.5	13.7	1	38.47	35.3	3.169	0.287	35.03	26.659	0	0	
"2010-11-30	22:00:00"	7.109	236.7	8.73	9.95	1	239.6	11.48	1	36.79	32.44	4.346	0.287	35.6	26.655	0	0	
"2010-11-30	23:00:00"	7.385	246.9	9.49	9.95	1	246.5	14.46	1	35.49	31.52	3.963	0.288	36.08	26.657	0	0	
"2010-12-01	00:00:00"	7.485	275.9	9.6	11.74	1.007	275.4	21.65	3.982	35.65	31.4	4.248	0.288	36.14	26.643	0	0	
"2010-12-01	01:00:00"	8.99	313	7.141	10.54	1	316.8	9.11	1	31.83	28.56	3.267	0.297	38.11	26.63	0	0	
"2010-12-01	02:00:00"	10.4	309.6	4.961	12.33	1	315.3	9.13	1	33.29	28.18	5.104	0.293	39.31	26.612	0	0	
"2010-12-01	03:00:00"	6.907	237.8	26.08	12.93	1.009	239	31.14	3.982	29.36	25.84	3.52	0.3	41.85	26.605	0	0	
"2010-12-01	04:00:00"	6.109	239.5	11.4	8.75	1	249.2	16.71	1	29.57	26.27	3.302	0.302	41.57	26.598	0	0	
"2010-12-01	05:00:00"	5.711	230.8	13.02	8.16	1	240.6	29.56	1	29.4	26.34	3.063	0.302	41.71	26.591	0	0	
"2010-12-01	06:00:00"	4.563	241	27.82	5.771	1	247.3	52.66	1	29.1	26.07	3.027	0.301	41.99	26.582	0	0	
"2010-12-01	07:00:00"	5.442	254	15.58	6.964	1.061	264.4	24.3	3.386	31.9	26.79	5.112	0.298	41.38	26.579	0	0	
"2010-12-01	08:00:00"	6.012	268	18.94	8.16	1.931	274.6	32.7	4.578	31.14	26.24	4.898	0.299	42.19	26.587	13.284	0	
"2010-12-01	09:00:00"	5.255	240.1	22.23	7.561	1.197	242.3	31.64	5.771	31.95	30.87	1.079	0.3	36.24	26.601	162.67	0	
"2010-12-01	10:00:00"	5.808	213.7	11.08	8.75	1	215.1	15.5	1.596	37.75	38.74	-0.988	0.292	28.87	26.607	341.97	0	
"2010-12-01	11:00:00"	6.671	220	11.95	9.95	1.191	221.7	16.28	7.561	45.75	46.82	-1.075	0.292	21.02	26.61	382.02	0	
"2010-12-01	12:00:00"	8.2	223.2	15.05	14.72	5.379	225.1	17.76	13.52	50.9	52.47	-1.567	0.296	16.4	26.599	562.38	0	
"2010-12-01	13:00:00"	9.1	228.9	15.15	17.1	3.221	230	18.78	12.33	55.05	56.83	-1.776	0.308	13.83	26.567	621.82	0	
"2010-12-01	14:00:00"	10.03	225.7	17.2	17.7	6.225	226.1	19.54	13.52	58.7	60.46	-1.756	0.311	11.15	26.535	586.05	0	
"2010-12-01	15:00:00"	13.65	207.8	11.7	20.09	7.857	208	16.28	17.1	59.65	61.5	-1.851	0.31	10.91	26.504	512.8	0	
"2010-12-01	16:00:00"	13.61	215.3	10.94	20.68	10.19	216.1	15.46	17.1	59.7	61.05	-1.35	0.312	10.14	26.494	376.57	0	
"2010-12-01	17:00:00"	10.49	206.8	9.71	14.72	7.26	206.5	13.63	12.93	60.22	60.26	-0.043	0.31	9.86	26.491	128.55	0	
"2010-12-01	18:00:00"	8.95	201.1	6.151	12.93	4.903	200.5	10.11	9.95	56.93	55.13	1.8	0.307	12.87	26.48	29.638	0	
"2010-12-01	19:00:00"	8.75	195.8	6.493	12.93	3.582	199.7	11.94	8.75	52.41	49.2	3.209	0.293	18.49	26.472	0.04351	0	
"2010-12-01	20:00:00"	4.09	192.1	13.92	9.35	1.5	169.9	70.94	5.175	52.05	49.96	2.091	0.292	18.32	26.479	0	0	
"2010-12-01	21:00:00"	7.337	204.4	7.111	9.95	3.784	208.2	10.06	5.771	51.03	47.36	3.667	0.292	20.15	26.487	0	0	
"2010-12-01	22:00:00"	8.9	210.2	9.4	11.14	4.758	214.8	10.14	6.964	47.5	43.55	3.956	0.289	23.17	26.494	0	0	
"2010-12-01	23:00:00"	8.85	229.8	10.73	12.33	4.92	235.5	14.58	8.16	47.02	42.97	4.044	0.288	23.95	26.502	0	0	
"2010-12-02	00:00:00"	8.57	246.4	10.14	10.54	4.384	250.7	14.78	6.964	44.76	41.04	3.727	0.289	25.59	26.501	0	0	
"2010-12-02	01:00:00"	7.495	262.2	12.37	11.14	2.256	262.5	11.95	8.75	44.96	40.92	4.045	0.291	26.69	26.499	0	0	
"2010-12-02	02:00:00"	8.35	279.5	16.64	12.93	4.339	273.1	19.56	6.964	41.66	39.25	2.408	0.289	28.44	26.494	0	0	
"2010-12-02	03:00:00"	9.32	302.1	12.91	12.33	4.101	303.1	17.54	7.561	40.85	37.43	3.411	0.287	30.46	26.498	0	0	
"2010-12-02	04:00:00"	9.67	303.3	7.113	12.93	4.02	306.8	10.72	6.368	42.06	38.47	3.593	0.29	30.64	26.504	0	0	
"2010-12-02	05:00:00"	10.14	294.9	8.64	12.33	3.57	297.1	10.04	6.368	41.15	37.81	3.34	0.288	32.99	26.499	0	0	
"2010-12-02	06:00:00"	10.04	304	6.648	12.93	3.915	302.7	10.35	6.964	40.35	38.35	2.003	0.288	37.32	26.499	0	0	
"2010-12-02	07:00:00"	9.09	303.6	6.259	11.74	3.897	300.2	10.29	6.368	37.92	36.22	1.707	0.286	45.66	26.514	0	0	
"2010-12-02	08:00:00"	9.36	307.9	6.666	12.33	4.124	305.5	10.86	7.561	39.3	37.48	1.815	0.288	47.6	26.534	10.135	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-12-02	09:00:00"	10.88	319.5	7.531	17.1	6.89	318.8	10.59	12.93	45.58	45.4	0.177	0.291	38.93	26.558	142.46	0
"2010-12-02	10:00:00"	9.85	319	49.62	15.31	7.184	307.8	61.07	13.52	53.44	54.34	-0.901	0.302	29.94	26.579	314.66	0
"2010-12-02	11:00:00"	9.1	180.3	4.527	18.3	7.194	179.9	0.11	15.91	61.56	62.55	-0.997	0.31	23.95	26.589	465.37	0
"2010-12-02	12:00:00"	7.067	78.21	49.06	18.89	9.82	181	61.8	43.35	70.36	"NAN"	"NAN"	"NAN"	18.81	26.583	"NAN"	0
"2010-12-02	13:00:00"	13.63	344.5	18.9	22.47	8.65	341.5	19.4	18.89	69.91	71.99	-2.077	18.75	17.69	26.561	615.45	0.11
"2010-12-02	14:00:00"	11.98	330.2	17.26	28.43	8.67	327.2	18.63	19.49	71.36	73.52	-2.164	17.28	16.09	26.534	586.19	0
"2010-12-02	15:00:00"	11.28	331.2	17.21	18.3	8.33	329	18.13	15.31	72.33	74.28	-1.956	16.11	14.99	26.515	513.49	0
"2010-12-02	16:00:00"	10.38	316.5	13.98	18.89	6.903	315	17.09	14.72	72.54	73.89	-1.357	15.79	14.94	26.513	348.1	0
"2010-12-02	17:00:00"	8.73	313.2	12.42	13.52	5.583	312.8	14.29	11.74	72.32	72.84	-0.517	15.83	15.44	26.517	206.15	0
"2010-12-02	18:00:00"	5.093	322	6.554	7.561	2.956	323.3	6.794	4.578	70.38	68.37	2.016	16.59	17.82	26.525	38.824	0
"2010-12-02	19:00:00"	7.215	325.9	5.243	9.35	3.436	337.9	10.17	5.175	67.86	60.16	7.699	17.82	22.8	26.539	0.04722	0
"2010-12-02	20:00:00"	5.283	318.8	50.79	10.54	3.369	3.78	56.69	6.368	65.79	56.37	9.42	18.88	25.83	26.546	0	0
"2010-12-02	21:00:00"	7.026	102	26.21	11.74	4.234	63.91	21.08	6.368	61.52	51.06	10.46	21.65	29.93	26.553	0	0
"2010-12-02	22:00:00"	8.06	92.6	9.55	10.54	4.605	54.33	10.65	5.771	59.72	51	8.72	23.15	30.97	26.549	0	0
"2010-12-02	23:00:00"	9.1	95.4	9.74	11.14	4.848	63	8.67	5.771	55.56	47.01	8.55	26.06	34.8	26.553	0	0
"2010-12-03	00:00:00"	9.14	103.4	14.48	10.54	4.35	71.83	14.39	5.771	50.61	43.78	6.828	30.13	38.77	26.548	0	0
"2010-12-03	01:00:00"	8.96	118.6	7.478	11.14	4.292	92.9	13.78	6.368	50.33	44.58	5.754	30.52	38.11	26.544	0	0
"2010-12-03	02:00:00"	7.304	116.8	9.6	10.54	4.017	69.05	16.47	5.771	50.58	43.32	7.263	30.19	40.05	26.531	0	0
"2010-12-03	03:00:00"	5.942	179.6	17.89	6.964	2.397	182.6	47.85	3.982	51.07	45.83	5.237	28.83	36.66	26.516	0	0
"2010-12-03	04:00:00"	5.743	190.6	20.85	8.16	2.982	209.5	40.65	4.578	48.25	44.18	4.071	31.1	37.91	26.513	0	0
"2010-12-03	05:00:00"	3.242	247.1	21.45	5.771	2.236	292.2	9.48	3.982	46.79	41.6	5.19	32.12	40.77	26.507	0	0
"2010-12-03	06:00:00"	1.001	329.4	93.5	2.193	1.763	51.74	67.12	3.386	44.72	40.69	4.026	33.02	41.17	26.502	0	0
"2010-12-03	07:00:00"	3.341	255.8	28.7	7.561	2.46	288.1	69.01	3.982	46.83	41.58	5.241	29.79	39.49	26.5	0	0
"2010-12-03	08:00:00"	6.125	272.7	12.85	7.561	3.615	283.6	22.08	5.175	45.82	39.05	6.766	29.9	41.34	26.502	9.7451	0
"2010-12-03	09:00:00"	5.896	233.7	12.29	7.561	3.995	230.9	10.1	6.964	46.22	44.75	1.466	29.22	33.82	26.514	143.29	0
"2010-12-03	10:00:00"	7.324	222.6	10.77	12.93	6.058	223.1	14.3	11.14	51.55	52.21	-0.658	24.29	25.92	26.524	317.86	0
"2010-12-03	11:00:00"	9.37	222.3	11.56	13.52	7.657	222.9	15.67	11.74	57.73	58.95	-1.219	18.8	19.47	26.523	459.27	0
"2010-12-03	12:00:00"	8.28	222.6	13.91	13.52	6.812	223.1	17.92	11.74	63.67	65.04	-1.37	15.38	15.5	26.508	568.9	0
"2010-12-03	13:00:00"	8.97	223.5	19.8	14.72	7.259	224.1	22.54	12.93	68.79	70.52	-1.736	11.68	11.31	26.475	620.44	0
"2010-12-03	14:00:00"	12.06	219.1	12.9	17.1	9.49	219.5	16.61	14.12	71.67	73.38	-1.709	8.82	8.29	26.445	546.54	0
"2010-12-03	15:00:00"	12.97	219.3	11.87	20.68	9.99	219.6	16.02	16.51	73.81	75.34	-1.531	6.925	6.313	26.424	503.83	0
"2010-12-03	16:00:00"	13.17	220.8	10.95	19.49	10.04	221.1	14.93	15.31	75	76.18	-1.187	6.576	5.931	26.411	398.91	0
"2010-12-03	17:00:00"	10.67	215.4	8.91	16.51	7.608	215.9	12.76	14.12	74.57	74.58	-0.016	6.618	6.343	26.412	167.2	0
"2010-12-03	18:00:00"	7.575	204.2	6.957	9.95	3.969	204.1	8.85	6.964	70.2	67.43	2.775	7.554	8.78	26.413	19.334	0
"2010-12-03	19:00:00"	7.469	206.3	6.732	9.95	3.581	211.2	8.97	5.771	65.07	61.66	3.411	8.64	10.79	26.421	0	0
"2010-12-03	20:00:00"	6.786	201.7	6.522	9.95	3.666	198.7	9.92	5.175	64.43	60.74	3.694	8.31	10.74	26.431	0	0
"2010-12-03	21:00:00"	6.692	198.3	6.168	9.35	3.798	193.6	8.22	5.771	62.16	58.7	3.46	9.18	11.54	26.443	0	0
"2010-12-03	22:00:00"	5.817	195.6	5.28	7.561	3.762	178.1	10.69	5.175	60.22	56.22	3.997	10.03	12.83	26.446	0	0
"2010-12-03	23:00:00"	5.743	205.5	9.13	8.16	3.358	209.8	17.45	5.175	59.26	55.84	3.417	10.59	13.41	26.444	0	0
"2010-12-04	00:00:00"	5.849	212.5	12.77	8.16	3.553	210.9	33.4	5.175	57.29	53.77	3.522	11.02	14.34	26.44	0	0
"2010-12-04	01:00:00"	5.095	220.1	6.714	7.561	3.313	213	11.53	5.175	55.93	52.52	3.415	11.57	14.9	26.437	0	0
"2010-12-04	02:00:00"	5.762	222	11.81	7.561	3.619	213.1	19.11	5.771	54.68	49.45	5.233	12.12	16.9	26.43	0	0
"2010-12-04	03:00:00"	6.917	257.3	11.25	8.75	3.948	259.9	17.79	5.175	52.56	48.55	4.013	13.37	17.82	26.434	0	0
"2010-12-04	04:00:00"	9.4	301.4	7.386	11.74	3.402	304.8	9.96	6.964	53	44.49	8.52	12.74	20.81	26.439	0	0
"2010-12-04	05:00:00"	9.92	332.7	11.69	14.12	5.558	331.2	13.91	9.35	52.74	49.85	2.887	14.23	17.99	26.443	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-04	06:00:00"	12.75	358.2	11.89	25.45	8.56	355.1	13.07	21.28	54.28	52.42	1.86	14.9	17.75	26.457	0	0
"2010-12-04	07:00:00"	21.09	19.41	10.37	29.03	15.35	16.94	17.51	24.26	53.55	52.82	0.736	21.12	23.32	26.494	0	0
"2010-12-04	08:00:00"	20.82	36.92	7.86	30.82	15.02	36.58	11.9	24.26	50.03	49.44	0.59	33.43	36.05	26.54	9.2055	0
"2010-12-04	09:00:00"	20.96	38.28	7.955	33.21	15.29	37.59	11.82	29.63	48.43	48.43	-0.006	42.12	44.79	26.582	133.14	0
"2010-12-04	10:00:00"	22.54	42.67	9.09	31.42	16.59	42.16	12.68	26.05	49.66	50.41	-0.753	44.05	45.49	26.624	307.09	0
"2010-12-04	11:00:00"	21.66	45.36	10.16	32.01	16.11	44.94	12.8	28.43	51.49	52.82	-1.327	41.94	42.33	26.653	450.4	0
"2010-12-04	12:00:00"	18.66	39.53	12.48	26.65	13.93	39.02	15.89	23.66	51.39	53.22	-1.831	41.32	40.94	26.673	544.52	0
"2010-12-04	13:00:00"	15.35	41.73	13.67	24.26	11.72	40.43	17.17	20.09	52.11	54.28	-2.168	39.58	38.76	26.675	586.39	0
"2010-12-04	14:00:00"	13.62	41.52	14.91	21.87	10.39	40.57	18.37	19.49	53.13	54.85	-1.723	37.57	37.25	26.659	407.33	0
"2010-12-04	15:00:00"	12.44	48.6	14.49	20.09	9.34	47.98	16.8	16.51	53.5	54.78	-1.277	36.22	36.47	26.645	299.77	0
"2010-12-04	16:00:00"	12.24	53.72	13.54	18.89	9.28	52.4	16.06	17.1	53.78	54.84	-1.051	34.85	35.35	26.645	245.01	0
"2010-12-04	17:00:00"	11.04	52.97	11.74	16.51	8.23	51.85	14.21	14.72	53.37	53.77	-0.404	33.9	35.17	26.66	130.65	0
"2010-12-04	18:00:00"	9.38	55.23	8.78	14.72	6.408	54.16	10.93	11.74	50.39	49.69	0.701	35.36	38.17	26.662	22.08	0
"2010-12-04	19:00:00"	7.801	43.22	4.59	9.35	4.013	40.11	8.1	5.175	46.4	43.4	3.002	38.21	45.15	26.679	0	0
"2010-12-04	20:00:00"	8.06	47.18	5.51	9.35	3.874	40.82	7.227	5.175	43.18	39.42	3.765	41.2	50.28	26.679	0	0
"2010-12-04	21:00:00"	8.56	57.38	4.434	11.14	4.26	50.38	7.731	6.368	41.18	37.79	3.386	42.24	51.46	26.687	0	0
"2010-12-04	22:00:00"	8.1	57.45	6.459	10.54	4.293	55.16	9.3	6.368	38.04	35.67	2.373	44.82	53.01	26.692	0	0
"2010-12-04	23:00:00"	7.832	50.99	6.744	9.95	4.622	48.68	9.52	6.964	37.79	36.64	1.157	43.68	49.88	26.707	0	0
"2010-12-05	00:00:00"	8.04	62.49	8.45	11.14	4.941	60.3	11.15	8.16	36.94	36.08	0.862	43.95	49.67	26.711	0	0
"2010-12-05	01:00:00"	8.33	67.62	7.32	11.74	5.312	65.15	10.2	8.16	36.32	35.67	0.65	44.56	49.91	26.707	0	0
"2010-12-05	02:00:00"	8.09	60.02	7.057	11.14	5.016	57.59	10	8.16	33.89	33.01	0.879	48.85	54.88	26.706	0	0
"2010-12-05	03:00:00"	9.3	62.48	7.623	14.12	6.174	60.38	10.3	9.95	32.58	31.99	0.593	51.67	57.38	26.703	0	0
"2010-12-05	04:00:00"	11.16	75.05	7.441	15.31	7.653	73.2	10.93	11.74	32.99	32.63	0.367	54.49	59.72	26.699	0	0
"2010-12-05	05:00:00"	10.25	74.62	8.21	15.31	6.994	72.72	11.15	10.54	32.22	31.81	0.413	57.03	62.46	26.696	0	0
"2010-12-05	06:00:00"	9.58	81.5	7.033	14.12	6.443	79.29	9.82	10.54	30.94	30.58	0.357	59.49	64.89	26.696	0	0
"2010-12-05	07:00:00"	7.756	78.31	9.19	11.74	5.169	76.33	12.11	9.95	29.67	29.33	0.348	62.54	67.97	26.71	0	0
"2010-12-05	08:00:00"	6.427	65.48	11.17	9.95	3.595	56.98	15.9	6.368	27.78	26.18	1.59	66.22	73.39	26.732	2.6743	0
"2010-12-05	09:00:00"	11.82	80.3	8.84	20.68	8.28	78.42	11.83	15.91	28.66	28.72	-0.059	68.02	72.73	26.743	120.16	0
"2010-12-05	10:00:00"	14.12	89.8	9.27	20.09	10.63	88.3	12.08	16.51	33.18	34.27	-1.092	60.65	63.01	26.763	305.23	0
"2010-12-05	11:00:00"	12.03	94.6	11.93	18.3	9.41	93.2	14.62	14.72	36.74	38.42	-1.68	51.42	52.64	26.779	456.21	0
"2010-12-05	12:00:00"	11.42	105.8	13.1	18.89	8.98	104.3	16.11	15.91	40.09	42.04	-1.949	42.38	43.12	26.766	560.86	0
"2010-12-05	13:00:00"	9.18	127.8	19.32	15.31	7.405	126.2	22.19	13.52	43	44.83	-1.827	35.54	36.27	26.742	603.95	0
"2010-12-05	14:00:00"	9.37	125.1	23.24	16.51	7.593	122.3	25.32	14.72	45.84	47.65	-1.814	31.49	32.16	26.714	569.39	0
"2010-12-05	15:00:00"	7.27	116.1	28.78	14.12	5.966	113.9	32.94	12.33	47.56	49.08	-1.518	28.5	29.38	26.714	497.26	0
"2010-12-05	16:00:00"	7.736	115.7	19.28	13.52	6.23	114.1	22.72	11.14	48.37	49.65	-1.288	27.17	28.18	26.708	362.18	0
"2010-12-05	17:00:00"	8.48	120.8	14.02	13.52	6.582	119.4	16.71	10.54	48.46	49.3	-0.833	27.33	28.7	26.708	197.27	0
"2010-12-05	18:00:00"	8.06	105.7	13.97	11.74	5.141	101.5	17.71	9.35	45.83	45.02	0.806	29.66	32.65	26.716	36.669	0
"2010-12-05	19:00:00"	9.14	96.3	5.797	11.14	4.811	90.1	8.22	7.561	39.88	37.47	2.407	35.35	40.68	26.727	0.01045	0
"2010-12-05	20:00:00"	9.32	94.5	3.357	11.14	4.736	85	7.888	6.368	35.34	32.88	2.462	41.38	48.48	26.74	0	0
"2010-12-05	21:00:00"	9.56	91.6	7.419	11.74	5.469	83.9	10.11	7.561	33.65	31.99	1.667	45	51.76	26.752	0	0
"2010-12-05	22:00:00"	9.26	87.7	6.629	11.74	5.367	80	10.92	8.16	31.93	30.59	1.342	47.69	54.39	26.764	0	0
"2010-12-05	23:00:00"	9.28	85.5	7.818	12.93	5.288	75.5	12.42	8.75	30.27	28.58	1.695	49.99	57.54	26.769	0	0
"2010-12-06	00:00:00"	9.56	77.18	10.83	12.33	5.824	72.03	12.6	8.16	29.06	27.97	1.089	52.18	59.01	26.777	0	0
"2010-12-06	01:00:00"	9.21	65.61	5.627	11.74	5.641	61.44	9.43	8.75	26.83	25.78	1.055	55.59	62.69	26.788	0	0
"2010-12-06	02:00:00"	7.784	74.33	8.94	9.95	4.406	65.8	11.23	6.368	25.88	24.47	1.412	56.63	64.48	26.79	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-06	03:00:00"	7.635	71.33	5.116	8.75	4.34	57.59	7.876	5.771	25.14	23.13	2.003	57.6	66.26	26.78	0	0
"2010-12-06	04:00:00"	8.06	72.69	6.666	9.95	4.555	57.65	8.34	6.368	24.2	21.92	2.285	59.05	68.42	26.77	0	0
"2010-12-06	05:00:00"	8.12	63.03	6.466	10.54	4.492	51.18	9.72	6.964	23.74	21.32	2.414	60.21	69.94	26.77	0	0
"2010-12-06	06:00:00"	7.413	50.67	5.486	8.75	4.381	42.88	7.561	6.368	23.96	22.06	1.902	60.29	69.33	26.778	0	0
"2010-12-06	07:00:00"	7.468	55.64	10.73	9.35	4.511	52.06	11.62	6.964	23.14	22	1.137	62.11	69.75	26.782	0	0
"2010-12-06	08:00:00"	6.989	62.59	4.685	8.75	4.005	50.28	7.416	5.771	22.28	20.73	1.556	63.9	72.24	26.786	7.8454	0
"2010-12-06	09:00:00"	4.99	82.1	21.92	7.561	3.39	73.24	25.51	5.771	24.33	24.37	-0.043	61.11	66.77	26.791	90.317	0
"2010-12-06	10:00:00"	6.291	148.8	16.57	9.35	5.171	147.3	17.89	8.16	31.92	32.71	-0.79	47.53	51.01	26.806	296.18	0
"2010-12-06	11:00:00"	6.193	176.8	21.41	11.74	5.094	174.5	26.15	10.54	36.86	38.04	-1.188	39.19	41.5	26.816	430.51	0
"2010-12-06	12:00:00"	8.48	186.2	20.13	14.12	6.804	183.1	24.44	11.74	41.01	42.56	-1.551	35.43	36.67	26.791	522.91	0
"2010-12-06	13:00:00"	9.41	192.8	20.5	15.31	7.535	191.7	24.44	12.93	43.92	45.79	-1.87	34.46	35.14	26.75	594.01	0
"2010-12-06	14:00:00"	9.62	188.4	18.89	16.51	7.706	185.9	23.42	14.72	46.27	48.06	-1.792	31.4	32.06	26.709	549.25	0
"2010-12-06	15:00:00"	10.45	183.4	14.74	17.7	8.22	181.3	19.01	15.31	47.58	49.3	-1.717	30.13	30.76	26.674	473.25	0
"2010-12-06	16:00:00"	9.47	187.9	20.81	17.1	7.375	186.2	24.48	14.72	48.62	50.08	-1.462	29.3	30.08	26.659	367.52	0
"2010-12-06	17:00:00"	9.66	180.3	12.66	14.12	7.401	177.8	16.43	12.93	48.67	49.51	-0.842	29.66	30.97	26.643	199.52	0
"2010-12-06	18:00:00"	7.109	172.7	10.67	14.12	4.079	167.5	15.68	11.74	46.57	44.83	1.745	31.66	35.27	26.633	11.318	0
"2010-12-06	19:00:00"	7.341	163.9	4.493	8.75	3.153	157.4	9.31	4.578	42.75	39.56	3.184	35.07	40.68	26.61	0.0115	0
"2010-12-06	20:00:00"	7.409	162.6	4.192	8.75	3.34	153.2	9.32	4.578	40.9	38.22	2.672	37.22	43.19	26.602	0	0
"2010-12-06	21:00:00"	7.642	163.2	5.945	9.95	4.248	157.7	9.32	6.368	40.39	39.19	1.2	37.92	42.74	26.583	0	0
"2010-12-06	22:00:00"	7.711	160.3	7.581	9.95	4.693	155.4	9.77	6.964	40.9	40.14	0.757	37.73	41.92	26.568	0	0
"2010-12-06	23:00:00"	6.615	163.7	5.383	8.75	3.5	158.3	9.12	5.771	40.35	39.34	1.005	38.57	43.29	26.555	0	0
"2010-12-07	00:00:00"	5.642	191.9	11.3	7.561	2.758	193.1	16.65	4.578	40.48	39.25	1.23	39.14	44.29	26.547	0	0
"2010-12-07	01:00:00"	5.805	210.1	5.311	7.561	3.263	211.5	10.22	5.175	40.56	39.54	1.024	40.25	45.24	26.525	0	0
"2010-12-07	02:00:00"	5.871	219.1	10.06	8.16	3.657	224.2	16.21	6.368	40.35	39.57	0.779	41.52	46.3	26.5	0	0
"2010-12-07	03:00:00"	5.89	206.1	8.79	8.16	3.136	205	13.82	5.175	39.71	38.24	1.47	42.36	48.12	26.476	0	0
"2010-12-07	04:00:00"	4.964	216.5	12.28	6.964	2.547	226	27.51	4.578	38.61	36.65	1.953	44.49	50.84	26.455	0	0
"2010-12-07	05:00:00"	7.713	222.2	7.866	9.35	4.288	223.8	14.46	5.771	37.66	34.55	3.111	46.18	54.76	26.428	0	0
"2010-12-07	06:00:00"	5.436	252.4	11.53	8.16	3.021	263.6	16.56	4.578	37.06	34.87	2.192	47.51	54.85	26.426	0	0
"2010-12-07	07:00:00"	4.734	275.8	18.61	6.368	2.999	300.6	24.54	5.175	36.22	32.8	3.422	49.05	58.26	26.421	0	0
"2010-12-07	08:00:00"	5.216	333.4	27.34	10.54	3.743	4.889	16.83	7.561	33	28.77	4.23	53.57	64.6	26.425	6.0968	0
"2010-12-07	09:00:00"	4.79	317.3	44.02	8.75	2.888	317.4	47.94	6.964	35.3	35.04	0.258	51.08	55.94	26.446	123.87	0
"2010-12-07	10:00:00"	7.651	267.5	11.44	11.74	6.182	268.3	14.13	9.95	44.8	45.71	-0.916	37.99	39.84	26.456	296.41	0
"2010-12-07	11:00:00"	8.45	275.9	18.98	17.1	6.357	275.4	20.53	15.31	54.35	55.61	-1.262	29.29	29.89	26.454	447.59	0
"2010-12-07	12:00:00"	22.38	325.7	10.91	33.21	15.71	323.8	13.19	25.45	64.79	66.12	-1.328	22.88	22.59	26.436	549.98	0
"2010-12-07	13:00:00"	26.05	326.3	9.54	36.19	18.42	325	11.87	30.82	67.35	68.79	-1.443	14.66	14.35	26.413	603.45	0
"2010-12-07	14:00:00"	26.21	333.9	10.84	40.36	19.33	331.9	12.98	29.63	66.52	68	-1.488	14.79	14.48	26.414	580.26	0
"2010-12-07	15:00:00"	23.15	351.4	15.93	36.78	17.5	347.7	17.64	30.22	65.07	66.46	-1.386	17.38	17.13	26.428	506.16	0
"2010-12-07	16:00:00"	21.14	3.608	14.04	32.61	15.91	359.2	17.59	26.05	64.11	65.13	-1.012	19.19	19.19	26.45	371.71	0
"2010-12-07	17:00:00"	21.04	10.45	12.09	30.22	15.96	6.012	17.46	26.65	62.11	62.43	-0.319	20.73	21.4	26.491	200.43	0
"2010-12-07	18:00:00"	18.83	17.18	9.62	30.82	13.97	14.3	17.06	24.86	58.39	57.9	0.488	23.34	25	26.534	36.137	0
"2010-12-07	19:00:00"	12.88	23.94	6.62	20.09	9.17	21.84	12.48	17.1	53.65	52.63	1.025	29.35	32.18	26.568	0.00048	0
"2010-12-07	20:00:00"	10.36	24.34	4.703	12.93	6.345	20.45	11.71	8.75	48.56	46.63	1.935	34.72	39.25	26.595	0	0
"2010-12-07	21:00:00"	11.26	23.84	5.051	14.12	7.115	19.36	11.82	11.14	45.67	43.75	1.928	39.41	45.17	26.618	0	0
"2010-12-07	22:00:00"	10.8	24.26	5.046	14.72	6.783	19.58	12.13	10.54	43.08	41.36	1.723	46.73	52.87	26.632	0	0
"2010-12-07	23:00:00"	10.13	8.92	10.43	12.33	5.627	1.628	15.42	9.35	40.23	37.32	2.911	51.96	60.58	26.65	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2010-12-08	00:00:00"	9.98	31.34	6.724	13.52	6.483	29.43	11.23	9.95	37.09	35.87	1.224	57.08	63.48	26.671	0	0
"2010-12-08	01:00:00"	10.03	31.72	7.525	15.31	7.135	28.86	11.7	11.74	35.89	35.15	0.737	59.79	65.56	26.68	0	0
"2010-12-08	02:00:00"	6.353	1.648	11.61	9.95	3.847	346.1	10.33	5.771	34.65	31.79	2.862	61.56	70.72	26.69	0	0
"2010-12-08	03:00:00"	9.65	334.2	12.73	11.74	4.934	330.2	14.99	7.561	32.36	29.66	2.704	64.01	73.78	26.698	0	0
"2010-12-08	04:00:00"	8.9	328.1	5.651	11.14	5.06	326.5	9.19	7.561	30.33	28.69	1.642	67.92	76.06	26.695	0	0
"2010-12-08	05:00:00"	9.98	334.2	7.525	12.93	5.939	331.9	10.12	9.35	30.59	29.11	1.477	69.39	77	26.693	0	0
"2010-12-08	06:00:00"	9.04	352	7.327	11.74	5.099	350.3	9.41	7.561	31.52	29.32	2.198	69.71	78.15	26.689	0	0
"2010-12-08	07:00:00"	7.32	338.7	12.07	9.95	3.828	333.2	17.66	6.368	30.43	28.17	2.255	73.61	82	26.696	0	0
"2010-12-08	08:00:00"	3.721	336.8	28.22	7.561	1.609	256.2	76.73	3.982	30.79	27.64	3.154	74.69	82.3	26.701	6.934	0
"2010-12-08	09:00:00"	3.967	312.5	38.88	8.75	2.634	301.4	53.72	4.578	35.43	33.39	2.042	68.34	76.53	26.72	127.45	0
"2010-12-08	10:00:00"	3.224	252.1	17.71	5.771	3.35	251.8	21.84	7.561	39.04	39.51	-0.477	58.43	61.65	26.739	298.56	0
"2010-12-08	11:00:00"	6.586	245.9	17.67	11.74	5.598	247	20.95	10.54	46.18	47.35	-1.161	50.14	51.53	26.745	446.73	0
"2010-12-08	12:00:00"	9.28	241.5	15.75	15.31	7.899	243.1	18.72	13.52	49.97	51.53	-1.555	42.84	43.37	26.728	552.08	0
"2010-12-08	13:00:00"	9.93	245.3	15.95	17.1	8.33	246.3	19.15	14.12	52.65	54.49	-1.838	37.4	37.46	26.693	600.5	0
"2010-12-08	14:00:00"	11.59	226.7	18.41	18.89	9.39	227.4	21.86	15.31	54.83	56.76	-1.926	34.15	34.03	26.654	571.26	0
"2010-12-08	15:00:00"	12.66	220.5	13.33	18.89	9.98	221.6	17.07	16.51	56.34	58.12	-1.78	32.19	32.24	26.628	502.84	0
"2010-12-08	16:00:00"	12.5	221.1	12.39	20.09	9.84	221.2	16.3	16.51	57.14	58.41	-1.27	30.67	31.18	26.614	370.17	0
"2010-12-08	17:00:00"	13.73	212.7	9.91	20.09	10.26	213	14.03	17.1	57.36	57.91	-0.55	29.96	31.02	26.601	207.24	0
"2010-12-08	18:00:00"	9.78	195.6	9.91	15.91	6.327	195.6	12.8	13.52	54.3	53.23	1.079	32.28	35.15	26.588	39.387	0
"2010-12-08	19:00:00"	8.58	183.4	6.931	12.33	5.074	179.2	11.25	7.561	50.05	47.87	2.181	36.57	41.57	26.577	0.05836	0
"2010-12-08	20:00:00"	9.3	190.4	5.507	12.33	4.935	196.6	9.55	7.561	45.91	43.1	2.809	40.75	47.98	26.573	0	0
"2010-12-08	21:00:00"	7.712	201.1	3.957	9.35	4.02	206.4	6.563	5.175	42.69	39.53	3.156	45.05	53.22	26.564	0	0
"2010-12-08	22:00:00"	7.896	214.4	6.694	10.54	4.343	216.6	11.31	6.964	42.07	38.81	3.259	46.5	55.16	26.553	0	0
"2010-12-08	23:00:00"	8.24	214.7	7.032	11.14	4.61	216.9	11.13	6.964	40.86	37.97	2.885	48.52	56.97	26.538	0	0
"2010-12-09	00:00:00"	8.38	237.5	6.163	11.74	5.628	241.4	8.46	8.75	39.58	37.39	2.187	51.05	58.86	26.527	0	0
"2010-12-09	01:00:00"	8.8	238.4	5.892	11.14	5.745	239.4	8.46	8.75	39.04	36.61	2.432	52.6	60.84	26.509	0	0
"2010-12-09	02:00:00"	8.89	232.8	6.496	11.14	5.509	237.3	9.13	6.964	39.46	35.81	3.656	52.6	62.92	26.491	0	0
"2010-12-09	03:00:00"	9.54	226.3	4.252	11.74	5.633	228.4	7.493	8.16	37.53	34.09	3.437	55.13	65.67	26.479	0	0
"2010-12-09	04:00:00"	8.03	240.1	7.008	11.74	4.868	242.6	12.39	8.16	36.08	33.02	3.058	57.28	67.06	26.468	0	0
"2010-12-09	05:00:00"	8.9	234.7	7.246	13.52	5.717	236.9	10.43	9.95	34.11	31.74	2.371	60.4	69.42	26.452	0	0
"2010-12-09	06:00:00"	10.91	234.6	5.986	13.52	7.659	236	9.04	11.14	32.8	31.56	1.242	61.56	68.89	26.44	0	0
"2010-12-09	07:00:00"	10.59	235.4	5.135	15.31	7.545	238.1	8	11.14	32.14	30.77	1.373	59.78	67.49	26.435	0	0
"2010-12-09	08:00:00"	9.52	237.2	5.055	12.93	6.508	239.3	8.42	9.95	33.08	31.33	1.755	57.37	65.89	26.438	7.5437	0
"2010-12-09	09:00:00"	9.54	238.7	8.93	14.12	7.268	239.5	11.91	9.95	36.06	35.72	0.341	49.01	55.03	26.454	132.54	0
"2010-12-09	10:00:00"	8.83	242.8	10.34	12.33	7.463	244.8	12.84	10.54	45.37	45.93	-0.566	33.83	36.67	26.468	301.98	0
"2010-12-09	11:00:00"	9.37	242.1	10.68	15.91	8.03	244	13.74	13.52	53.72	54.82	-1.095	26.27	27.81	26.469	473.17	0
"2010-12-09	12:00:00"	13.5	246.4	10.26	19.49	11.21	248.7	13.21	17.1	62.27	63.3	-1.035	17.41	18.2	26.452	413.18	0
"2010-12-09	13:00:00"	13.7	258.8	15.63	19.49	10.77	260.9	17.14	16.51	64.77	65.88	-1.109	14.76	15.41	26.438	437.27	0
"2010-12-09	14:00:00"	14.14	256.8	10.56	21.28	11.18	258.9	13.43	17.7	67.53	68.69	-1.159	11.81	12.12	26.405	437.77	0
"2010-12-09	15:00:00"	14.62	255.9	10.81	21.87	11.55	258	13.07	18.3	68.84	69.58	-0.745	11.43	11.73	26.38	359.58	0
"2010-12-09	16:00:00"	11.32	263.8	10.66	17.7	8.76	265.3	13.15	15.31	69.36	69.83	-0.472	10.98	11.38	26.382	263.36	0
"2010-12-09	17:00:00"	9.51	281.1	10.98	15.91	6.41	282.4	13.15	11.14	69.46	69.56	-0.096	10.36	10.96	26.39	188.27	0
"2010-12-09	18:00:00"	3.728	295.4	34.99	9.35	2.371	310	43.08	5.771	66.62	63.95	2.67	11.52	13.5	26.397	29.77	0
"2010-12-09	19:00:00"	1	317.8	30.13	1	3.119	354.2	28.19	4.578	65.6	59.71	5.888	11.4	14.6	26.407	0.1115	0
"2010-12-09	20:00:00"	3.332	336.6	31.45	11.14	3.929	349.6	27.74	7.561	63.69	57.56	6.134	11.53	15.82	26.421	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-12-09	21:00:00"	9.49	33.04	12.8	12.33	5.295	29.45	16.27	7.561	54.39	51.22	3.162	17.97	22.45	26.43	0	0
"2010-12-09	22:00:00"	8.99	65.02	8.47	14.72	4.894	58.07	11.01	9.35	53.84	49.01	4.831	20.28	26.27	26.435	0	0
"2010-12-09	23:00:00"	9.44	54.51	11.13	11.14	5.062	41.1	10.83	7.561	50.95	46.03	4.926	23.41	29.68	26.437	0	0
"2010-12-10	00:00:00"	9.47	41.35	5.551	11.74	5.068	38.08	10.85	7.561	48.17	44.72	3.447	27.36	32.71	26.436	0	0
"2010-12-10	01:00:00"	9.53	37.91	5.841	11.74	5.357	35.28	10.38	8.16	45.91	43.17	2.734	31.08	36.27	26.429	0	0
"2010-12-10	02:00:00"	9.35	39.68	5.661	11.74	5.39	37.23	10.3	7.561	44.69	42.4	2.285	33.78	38.82	26.417	0	0
"2010-12-10	03:00:00"	9.99	39.69	6.151	12.33	6.023	38.79	11.2	8.75	43	41.29	1.716	36.43	41.65	26.412	0	0
"2010-12-10	04:00:00"	9.1	40.03	8.3	11.74	5.389	40.2	13.76	8.75	40.65	38.99	1.664	39.73	46.02	26.404	0	0
"2010-12-10	05:00:00"	9.47	41.55	5.992	11.74	5.582	38.87	11.17	8.16	39.59	37.79	1.801	41.61	48.41	26.392	0	0
"2010-12-10	06:00:00"	8.37	31.89	5.612	10.54	4.888	28.24	10.88	7.561	38.87	36.64	2.233	42.96	50.78	26.389	0	0
"2010-12-10	07:00:00"	8.17	34.01	7.374	11.74	4.529	21.99	14.56	6.964	39.06	34.72	4.34	42.61	53.49	26.384	0	0
"2010-12-10	08:00:00"	8.45	22.93	7.222	11.74	4.577	17.89	9.74	7.561	37.45	34	3.445	44.97	55.26	26.395	4.6432	0
"2010-12-10	09:00:00"	7.15	15.79	7.664	9.95	4.622	11.92	11.94	8.75	39.46	38.96	0.508	43.34	48.64	26.412	119.05	0
"2010-12-10	10:00:00"	6.133	37.61	22.7	9.95	4.957	34.78	25.89	9.35	46.86	47.8	-0.947	35.86	37.81	26.423	284.41	0
"2010-12-10	11:00:00"	2.541	102.3	57.43	7.561	3.528	97.5	60.04	6.368	52.94	53.98	-1.046	31.22	32.35	26.42	434.5	0
"2010-12-10	12:00:00"	3.7	252.6	29.16	9.95	4.523	254.6	37.69	10.54	57.89	59.05	-1.166	25.37	25.94	26.403	536.64	0
"2010-12-10	13:00:00"	8.29	271.1	15.67	15.31	7.018	271.7	18.22	12.33	62.19	63.92	-1.732	20.07	20.02	26.373	538.94	0
"2010-12-10	14:00:00"	9.58	257.8	14.11	16.51	7.921	259.7	17.65	13.52	66.8	68.28	-1.482	16.68	16.46	26.334	502.51	0
"2010-12-10	15:00:00"	13.19	287.9	15.44	19.49	8.63	287.8	17.71	15.91	70.33	71.97	-1.642	14.73	14.1	26.306	468.94	0
"2010-12-10	16:00:00"	13.57	262.8	14.19	20.68	10.33	264.9	16.02	18.3	71.38	72.5	-1.121	13.97	13.51	26.291	361.27	0
"2010-12-10	17:00:00"	13.11	255.9	9.82	20.09	10.15	258	12.23	18.89	71.28	71.46	-0.182	16.04	15.99	26.283	179.15	0
"2010-12-10	18:00:00"	6.693	248.8	7.836	14.12	6.321	250.2	10.55	11.74	67.85	66.34	1.509	18.49	19.87	26.281	22.668	0
"2010-12-10	19:00:00"	9.85	247.6	10.33	12.93	6.434	251.2	14.27	9.35	63.53	61.42	2.109	21.12	23.39	26.283	0.03056	0
"2010-12-10	20:00:00"	8.13	264.3	6.93	12.33	5.507	267.3	10.02	8.75	61.63	59.06	2.571	22.77	25.84	26.297	0	0
"2010-12-10	21:00:00"	10.28	266.3	7.194	15.91	6.826	263.2	9.82	11.74	61.23	59.17	2.058	24.93	27.58	26.304	0	0
"2010-12-10	22:00:00"	4.805	266.8	11.8	15.31	4.232	263.8	21.54	11.74	58.86	55.62	3.239	27.39	31.47	26.3	0	0
"2010-12-10	23:00:00"	10.24	292.2	13.01	14.12	5.048	296.3	16.01	12.93	54.29	52.16	2.129	31.81	35.66	26.295	0	0
"2010-12-11	00:00:00"	10.69	306	6.339	14.12	4.858	308	10.02	8.16	53.68	51.62	2.064	32.23	36.18	26.294	0	0
"2010-12-11	01:00:00"	11.03	309.7	6.094	14.12	5.332	309.8	9.54	8.75	51.5	49.92	1.583	34.02	37.75	26.297	0	0
"2010-12-11	02:00:00"	13.58	311.1	7.206	19.49	7.09	310.7	10.12	12.33	51.91	50.67	1.244	34.62	37.86	26.305	0	0
"2010-12-11	03:00:00"	12.75	304.9	9.83	17.1	6.294	305.1	12.44	11.14	51.25	49.82	1.424	35.34	38.96	26.317	0	0
"2010-12-11	04:00:00"	11.58	305.7	16.09	18.89	6.433	305.2	17.11	12.93	51.77	49.96	1.804	32.6	36.81	26.331	0	0
"2010-12-11	05:00:00"	10.26	310.7	11.17	18.3	4.843	310.9	17.09	11.74	52.4	50.1	2.295	29.43	33.62	26.334	0	0
"2010-12-11	06:00:00"	13.86	347.1	31.22	27.84	8.62	348.4	32.31	22.47	52.64	49.4	3.24	29.14	34.47	26.367	0	0
"2010-12-11	07:00:00"	16.31	28.06	7.976	26.05	12.14	26.41	12.71	20.09	47.52	47.03	0.495	34.23	37.25	26.417	0	0
"2010-12-11	08:00:00"	14.29	25.54	7.586	23.07	10.57	24.08	12.94	18.89	45	44.47	0.531	35.4	38.82	26.445	3.7628	0
"2010-12-11	09:00:00"	12.98	29.59	9.48	18.89	9.66	27.95	13.69	15.31	44.48	44.26	0.224	35.24	38.65	26.473	84.346	0
"2010-12-11	10:00:00"	16.53	38.84	10.78	23.07	12.43	36.62	14.43	20.09	46.72	47.11	-0.387	29.69	32.26	26.499	215.29	0
"2010-12-11	11:00:00"	18.02	42.96	10.22	26.65	13.41	40.41	13.64	23.07	49.09	49.97	-0.885	25.37	27.59	26.525	393.9	0
"2010-12-11	12:00:00"	15.53	47.91	11.9	25.45	11.86	46.04	15.2	21.28	51.18	52.62	-1.436	22.55	24.33	26.537	514.62	0
"2010-12-11	13:00:00"	10.79	51.56	17.02	18.3	8.47	49.79	20.03	15.91	52.87	54.76	-1.899	22.01	23.3	26.524	570.8	0
"2010-12-11	14:00:00"	8.49	48.84	23.15	16.51	6.848	47.87	27.22	12.93	53.6	55.51	-1.909	21.26	22.28	26.511	551.38	0
"2010-12-11	15:00:00"	7.594	68.25	26.25	19.49	6.132	66.73	28.57	20.09	54.31	56.01	-1.704	21.03	22.2	26.498	484.57	0
"2010-12-11	16:00:00"	5.421	92	37.3	10.54	4.539	90.5	37.13	9.35	54.99	56.22	-1.229	21.06	22.39	26.502	354.73	0
"2010-12-11	17:00:00"	8.31	63.79	20.39	12.33	6.447	62.93	21.14	10.54	54.72	55.33	-0.604	21.52	23.39	26.513	187.23	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-11	18:00:00"	8.67	68.37	6.933	13.52	5.623	66.4	9.84	9.35	51.17	50.13	1.047	24.12	27.72	26.524	30.579	0	
"2010-12-11	19:00:00"	9.32	62.44	5.062	11.14	4.922	58.1	9.19	6.964	45.29	42.49	2.804	28.85	34.88	26.539	0.08261	0	
"2010-12-11	20:00:00"	10.4	66.15	7.688	13.52	6.689	63.67	10.63	9.95	43.13	41.79	1.335	30.8	35.56	26.561	0	0	
"2010-12-11	21:00:00"	11.04	58.7	7.119	14.72	7.371	55.98	10.02	11.14	41.45	40.38	1.075	32.17	36.8	26.591	0	0	
"2010-12-11	22:00:00"	10.37	54.21	7.334	14.72	6.963	51.69	9.91	11.14	38.25	37.23	1.025	35.29	40.42	26.607	0	0	
"2010-12-11	23:00:00"	10.72	51.65	7.092	14.12	7.236	49.75	9.57	9.95	36.79	35.81	0.971	35.57	40.94	26.64	0	0	
"2010-12-12	00:00:00"	10.28	41.96	6.306	13.52	6.386	40.26	10.04	9.95	34.22	32.96	1.262	37.97	44.73	26.666	0	0	
"2010-12-12	01:00:00"	10.39	30.55	5.96	14.12	6.885	28.17	10.66	11.14	33.01	32.07	0.944	39.58	46.09	26.67	0	0	
"2010-12-12	02:00:00"	9.8	26.81	5.339	12.93	6.246	23.27	10.9	9.95	31.26	30.03	1.234	41.61	49.07	26.668	0	0	
"2010-12-12	03:00:00"	11.19	23.64	5.649	14.72	7.657	22.19	11.71	11.14	31.21	30.33	0.884	40.7	47.53	26.704	0	0	
"2010-12-12	04:00:00"	10.4	32.76	6.866	14.72	6.938	30.48	10.87	11.74	30.55	29.74	0.811	41.89	48.51	26.697	0	0	
"2010-12-12	05:00:00"	10.72	30.42	6.256	14.72	7.226	28.86	10.61	10.54	29.12	28.32	0.8	43.97	50.71	26.712	0	0	
"2010-12-12	06:00:00"	11	25.28	5.86	14.12	7.308	23.37	11.99	11.14	27.96	27.05	0.917	45.32	52.48	26.724	0	0	
"2010-12-12	07:00:00"	8.52	18.85	5.844	11.74	5.052	15.71	12.55	8.75	25.97	24.63	1.333	48.13	56.13	26.737	0	0	
"2010-12-12	08:00:00"	8.58	10.77	5.642	10.54	4.694	6.238	11.69	6.964	24.66	22.86	1.792	49.84	58.71	26.748	5.2391	0	
"2010-12-12	09:00:00"	6.622	17.64	11.03	9.35	4.623	14.59	14.74	7.561	28.32	28.24	0.08	44.79	50.45	26.774	117.25	0	
"2010-12-12	10:00:00"	6.756	45.16	13.26	9.35	5.522	44.18	15.68	8.16	34.12	35.18	-1.055	37.34	40.27	26.81	277.49	0	
"2010-12-12	11:00:00"	5.917	86.7	21.42	9.95	5.041	86	23.82	9.35	38.8	39.98	-1.177	28.35	30.76	26.814	417.82	0	
"2010-12-12	12:00:00"	6.794	136.4	27.14	12.33	5.85	135.2	27.53	11.14	41.72	42.99	-1.27	19.01	21.37	26.787	539.46	0	
"2010-12-12	13:00:00"	5.082	185.7	38.18	13.52	5.829	184.5	43.5	13.52	43.52	44.92	-1.4	20.27	22.08	26.755	581.61	0	
"2010-12-12	14:00:00"	5.067	185.4	44.09	14.72	5.301	182.3	49.17	12.93	45.3	46.82	-1.516	20.28	21.77	26.725	559.13	0	
"2010-12-12	15:00:00"	7.297	209.1	35.97	16.51	6.084	207.8	40.63	12.33	46.71	48.15	-1.433	20.35	21.74	26.696	487.99	0	
"2010-12-12	16:00:00"	8.16	208.8	19.4	15.31	6.543	209.2	24.19	15.91	47.38	48.68	-1.294	21.47	22.81	26.681	358.13	0	
"2010-12-12	17:00:00"	8.32	216.4	14.51	14.72	6.894	217.4	18.93	11.74	47.33	48.09	-0.753	21.9	23.61	26.674	200.35	0	
"2010-12-12	18:00:00"	4.969	198.3	7.286	12.93	4.774	197.1	10.99	10.54	45.63	44.69	0.938	22.41	25.57	26.673	38.522	0	
"2010-12-12	19:00:00"	3.898	196.6	4.654	8.16	3.488	196.2	7.519	4.578	41.9	39.25	2.656	24.38	29.39	26.671	0.11503	0	
"2010-12-12	20:00:00"	7.57	205	11.03	9.95	3.816	207.7	13.18	6.964	40.14	37.48	2.667	25.37	30.75	26.665	0	0	
"2010-12-12	21:00:00"	6.869	215.2	6.817	9.35	3.725	213.6	13.16	5.771	39.12	36.84	2.281	25.73	30.99	26.659	0	0	
"2010-12-12	22:00:00"	7.435	215	8.29	9.95	4.053	213.6	14.77	6.368	36.81	34.37	2.436	27.02	32.81	26.646	0	0	
"2010-12-12	23:00:00"	6.89	212.4	7.357	10.54	3.695	206.1	12.41	6.368	35.53	32.48	3.046	27.49	34.07	26.631	0	0	
"2010-12-13	00:00:00"	8.63	233.8	5.57	11.14	5.564	236.5	8.37	8.75	34.55	32.68	1.871	27.6	33.3	26.621	0	0	
"2010-12-13	01:00:00"	9.38	233.2	5.411	12.33	6.182	236.5	8.85	8.75	34.89	33.36	1.524	26.27	31.46	26.61	0	0	
"2010-12-13	02:00:00"	9.84	233.3	4.968	12.93	6.523	235.1	8.33	9.95	34.38	32.99	1.387	26.2	31.27	26.594	0	0	
"2010-12-13	03:00:00"	10.36	232.2	6.083	14.72	6.935	234.8	9.36	10.54	33.86	32.52	1.342	26.4	31.43	26.576	0	0	
"2010-12-13	04:00:00"	9.19	241.4	7.074	12.33	6.055	244.6	10.44	8.75	35.33	33.65	1.68	25.29	30.5	26.565	0	0	
"2010-12-13	05:00:00"	8.84	238.4	4.849	11.14	5.91	239.6	8.4	8.16	34.88	33.22	1.668	25.83	31.1	26.548	0	0	
"2010-12-13	06:00:00"	7.809	253	11.3	9.95	4.717	254.2	12.72	6.964	33.73	31.19	2.537	26.8	33.22	26.536	0	0	
"2010-12-13	07:00:00"	7.536	265.3	5.58	9.35	4.657	268.7	9.71	6.964	34.89	32.8	2.093	26.05	31.95	26.539	0	0	
"2010-12-13	08:00:00"	7.938	276.8	11.38	10.54	4.396	278.8	12.21	6.964	34.81	32.36	2.448	26.11	32.41	26.539	4.5931	0	
"2010-12-13	09:00:00"	6.382	277.8	16.38	9.35	3.881	275.5	15.69	6.368	36.04	35.44	0.599	25.75	30.17	26.549	115.07	0	
"2010-12-13	10:00:00"	6.012	244.8	10.98	11.14	5.325	250	14.76	9.35	42.41	43.05	-0.638	23.12	25.6	26.564	280.34	0	
"2010-12-15	08:00:00"	11.12	255.7	5.264	14.12	7.114	254.9	8.9	11.14	54.03	51.26	2.769	25.16	29.74	26.165	21.398	0	
"2010-12-15	09:00:00"	9.02	234.9	16.46	15.31	6.525	235.7	18.86	12.33	51.02	50.18	0.842	27.17	30.22	26.165	125.48	0	
"2010-12-15	10:00:00"	9.44	245.1	12.27	17.1	7.795	246.5	14.05	13.52	54.69	55.07	-0.383	25.25	26.88	26.167	295.65	0	
"2010-12-15	11:00:00"	18.3	254.1	8.25	29.63	14.29	255.9	11.35	24.86	64.95	65.68	-0.729	19.14	19.73	26.165	437.98	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-15	12:00:00"	18.06	251.2	9.73	27.24	14.59	253	12.68	22.47	69.79	70.91	-1.116	15.72	0.143	26.153	559.19	0	
"2010-12-15	13:00:00"	20.13	255.3	9.64	31.42	15.68	257.6	12.38	27.84	72.03	73.29	-1.257	13.9	0.144	26.125	592.6	0	
"2010-12-15	14:00:00"	17.78	248	13.47	30.82	14.29	249.8	15.91	23.66	74.79	76.13	-1.343	12.31	0.145	26.088	563.66	0	
"2010-12-15	15:00:00"	19.75	254.1	11.99	30.22	15.89	256.4	14.32	26.05	76.46	77.56	-1.103	10.95	0.145	26.068	498	0	
"2010-12-15	16:00:00"	22.68	264.2	10.83	32.61	17.33	266.3	12.98	27.84	76.37	77.07	-0.699	12.54	0.144	26.064	366.18	0	
"2010-12-15	17:00:00"	24.08	268.8	10.94	34.4	17.99	270.6	12.86	29.63	75.07	75.22	-0.147	14.13	0.145	26.066	211.35	0	
"2010-12-15	18:00:00"	20.58	272.1	8.85	30.82	15.25	273.6	11.08	25.45	71.8	71.17	0.64	16.47	0.144	26.076	26.325	0	
"2010-12-15	19:00:00"	15.97	267.1	7.663	27.24	11.94	269.3	10.19	24.26	68.85	67.99	0.859	19.04	0.142	26.103	0.11389	0	
"2010-12-15	20:00:00"	8.29	243.9	23.25	14.12	5.448	243.4	23.49	11.14	63.41	61.59	1.819	21.92	0.139	26.122	0	0	
"2010-12-15	21:00:00"	5.497	252.5	32.6	11.74	4.066	252.9	47.05	8.16	62.23	59.35	2.876	23.49	0.138	26.13	0	0	
"2010-12-15	22:00:00"	5.594	262.3	24.16	9.95	3.552	267.5	35.69	6.368	60.73	57.39	3.336	24.56	0.139	26.147	0	0	
"2010-12-15	23:00:00"	10.74	277.8	6.861	15.31	6.65	279.6	10.06	11.74	60.33	58.15	2.177	24.08	0.138	26.161	0	0	
"2010-12-16	06:00:00"	10.31	39.48	6.197	12.93	7.501	37.33	9.55	9.35	36.88	36.32	0.563	52.57	57.5	26.331	0	0	
"2010-12-16	07:00:00"	10.33	36.03	8.91	15.31	7.401	34.13	12.65	11.14	35.47	34.9	0.574	56.16	61.56	26.349	0	0	
"2010-12-16	09:00:00"	16.71	26.49	7.643	21.87	12.41	27.23	12.87	17.1	36.56	37.21	-0.646	59.65	62.77	26.409	180.55	0	
"2010-12-16	10:00:00"	15.96	39.09	11.64	22.47	12.3	37.9	15.01	18.89	38.39	39.27	-0.878	58.46	60.82	26.426	265.15	0	
"2010-12-16	11:00:00"	13.1	52.54	12.73	18.89	10.35	50.78	15.03	16.51	41.23	42.9	-1.67	54.27	54.89	26.451	413.18	0	
"2010-12-16	12:00:00"	9.67	61.48	18.62	15.31	7.828	59.98	21.19	13.52	43.66	45.47	-1.803	49.31	49.62	26.456	460.83	0	
"2010-12-16	13:00:00"	9.6	67.44	21.69	16.51	7.692	65.82	24.45	14.12	45.99	48.03	-2.043	45.04	44.9	26.425	558.86	0	
"2010-12-16	14:00:00"	9.84	76.25	19.7	16.51	7.942	74.55	22.27	15.31	48.26	50.29	-2.034	41.49	41.25	26.39	564.84	0	
"2010-12-16	15:00:00"	9.44	98.7	22.77	15.31	7.589	98.4	24.72	12.93	50.01	51.72	-1.71	39.63	39.71	26.364	480.31	0	
"2010-12-16	16:00:00"	9.15	117.6	17.9	16.51	7.314	118	20.5	13.52	51.29	52.64	-1.344	38.21	38.64	26.367	353.9	0	
"2010-12-16	17:00:00"	10.21	126.2	14	15.31	7.919	125.7	15.67	12.93	51.09	51.95	-0.854	38.36	39.31	26.374	196.97	0	
"2010-12-16	18:00:00"	8.49	110.4	9.27	12.93	5.593	105.7	13.98	9.95	49.53	48.97	0.553	39.95	43.06	26.374	39.426	0	
"2010-12-16	19:00:00"	9.48	102	5.064	11.74	5.281	94.4	8.96	8.16	44.7	42.52	2.175	45.95	52.22	26.364	0.06124	0	
"2010-12-16	20:00:00"	9.5	101.9	4.891	11.74	5.53	94.2	7.764	8.16	40.53	39.08	1.446	52.11	58.09	26.365	0	0	
"2010-12-16	21:00:00"	8.59	94.1	5.403	10.54	4.605	79.35	9.37	6.964	38.85	36.2	2.65	53.99	62.31	26.376	0	0	
"2010-12-16	22:00:00"	9.81	91.9	4.619	11.74	5.614	86	8.26	8.16	36.91	35.11	1.797	55.59	63.21	26.378	0	0	
"2010-12-16	23:00:00"	9.97	87.4	6.414	13.52	6.185	82.5	9.01	9.35	34.74	33.69	1.045	57.56	64.07	26.379	0	0	
"2010-12-17	00:00:00"	9.83	76.1	6.736	13.52	6.318	71.85	9.76	9.95	32.98	32.17	0.813	59.18	65.48	26.395	0	0	
"2010-12-17	01:00:00"	11.22	77.32	6.862	14.72	7.755	74.53	9.75	11.74	31.93	31.45	0.484	60.46	66.26	26.385	0	0	
"2010-12-17	02:00:00"	12.26	84.4	7.069	18.3	8.74	82.1	9.49	14.72	32.73	32.53	0.198	58.93	64.08	26.376	0	0	
"2010-12-17	03:00:00"	12.8	85.3	6.977	18.3	9.41	83.4	9.69	15.31	34.14	34.13	0.007	56.37	60.98	26.38	0	0	
"2010-12-17	04:00:00"	11.11	82.6	8.39	17.1	8.12	79.72	11.47	13.52	35.05	35.07	-0.015	55.48	59.91	26.394	0	0	
"2010-12-17	05:00:00"	12.11	88.8	10.04	20.68	8.9	87.5	12.27	15.91	35.31	35.37	-0.063	55.41	59.72	26.405	0	0	
"2010-12-17	06:00:00"	11.78	87.5	9.92	19.49	8.71	85	12.35	15.31	35.48	35.52	-0.043	53.13	57.53	26.413	0	0	
"2010-12-17	07:00:00"	15.46	94.5	7.522	29.63	11.43	93.1	9.81	22.47	35.18	35.16	0.019	52.36	57.57	26.4	0	0	
"2010-12-17	08:00:00"	11.96	99.2	9.54	24.86	8.58	97	12.49	18.89	33.97	33.52	0.443	53.97	60.86	26.421	1.7514	0	
"2010-12-17	09:00:00"	10.25	96.2	8.51	15.91	7.279	93.9	11.08	14.12	32.91	32.7	0.217	56	62.54	26.45	91.164	0	
"2010-12-17	10:00:00"	16.01	106.2	8.6	22.47	12.09	104.8	12.08	18.3	36.28	36.83	-0.551	47.28	51.62	26.472	261.68	0	
"2010-12-17	11:00:00"	15.09	104.2	10.65	21.28	11.69	102.3	13.9	17.7	39.55	40.69	-1.133	38.36	40.97	26.494	422.28	0	
"2010-12-17	12:00:00"	12.22	106.7	11.44	18.89	9.35	105.4	14.54	15.31	41.04	42.02	-0.98	33.88	36.08	26.504	233.6	0	
"2010-12-17	13:00:00"	11.43	109.1	21.04	19.49	8.96	108	23.01	16.51	42.72	44.34	-1.62	30.31	31.83	26.478	471.82	0	
"2010-12-17	14:00:00"	8.56	91.2	28.03	14.72	6.865	88.8	29.65	13.52	43.21	44.52	-1.311	28.13	29.85	26.468	273.77	0	
"2010-12-17	15:00:00"	8.21	97.4	23.55	14.72	6.5	97.3	26.16	12.93	43.74	44.9	-1.153	27.78	29.54	26.452	280.54	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-17	16:00:00"	8.95	75.75	20.45	15.91	7.058	74.8	22.93	13.52	44.23	45.73	-1.495	27.49	28.86	26.447	359.92	0	
"2010-12-17	17:00:00"	7.533	77.06	16.74	15.31	6.162	75.23	18.78	12.33	43.94	44.57	-0.631	27.25	29.39	26.46	149.63	0	
"2010-12-17	18:00:00"	7.142	63.75	9.58	12.33	5.949	61.68	12.3	10.54	41.9	41.51	0.393	27.37	30.72	26.474	31.656	0	
"2010-12-17	19:00:00"	8.09	44.9	5.931	10.54	5.023	42.77	8.95	8.16	37.54	36.19	1.35	31.55	36.42	26.493	0.05167	0	
"2010-12-17	20:00:00"	8.98	55.94	6.659	12.33	5.619	54.26	9.27	8.75	34.4	33.3	1.104	36.69	41.98	26.501	0	0	
"2010-12-17	21:00:00"	7.574	51.96	5.906	9.35	4.168	49.91	8.32	5.771	32.35	30.46	1.892	41.15	48.58	26.512	0	0	
"2010-12-17	22:00:00"	7.879	58.48	5.352	9.35	4.34	52.32	8.31	6.368	31.12	28.96	2.166	42.58	51.2	26.509	0	0	
"2010-12-17	23:00:00"	8.41	76.32	7.588	10.54	4.81	68.78	9.86	6.964	29.88	28.3	1.582	41.66	49.94	26.508	0	0	
"2010-12-18	00:00:00"	8.86	93.4	6.505	11.14	5.197	86.2	10.32	8.75	28.5	27.34	1.153	41.86	49.15	26.5	0	0	
"2010-12-18	01:00:00"	8.57	106.5	8.19	12.33	5.652	101.5	11.29	8.75	28.33	27.66	0.672	50.23	56.11	26.491	0	0	
"2010-12-18	02:00:00"	8.74	111.3	8.82	13.52	6.348	108.6	12.06	11.14	29.09	28.93	0.164	53.34	58.55	26.484	0	0	
"2010-12-18	03:00:00"	5.317	135	11.13	9.95	4.152	135.6	13.88	8.75	29.5	29.2	0.294	53.78	59.01	26.479	0	0	
"2010-12-18	04:00:00"	1	170.2	9.8	1	2.316	173.7	18.07	3.982	28.61	27.15	1.456	54.59	61.76	26.471	0	0	
"2010-12-18	05:00:00"	4.405	149.1	6.947	8.75	3.539	138.7	12.37	6.368	27.56	25.79	1.764	53.83	62.03	26.446	0	0	
"2010-12-18	06:00:00"	7.84	161.5	8.99	11.14	5.157	159.3	10.9	8.16	27.25	26.51	0.737	53.39	59.85	26.435	0	0	
"2010-12-18	07:00:00"	7.74	141.2	9.13	9.95	4.978	137.5	9.97	7.561	26.51	25.81	0.708	55.98	62.35	26.437	0	0	
"2010-12-18	08:00:00"	6.505	122.8	7.744	9.35	3.905	114.6	11.54	6.368	26.26	25.67	0.586	59.62	65.6	26.45	3.2385	0	
"2010-12-18	09:00:00"	6.712	133.5	20.94	11.74	4.949	127.8	25.34	9.95	28.24	28.19	0.051	57.63	62.79	26.459	68.798	0	
"2010-12-18	10:00:00"	10.44	178.5	12.17	17.1	8.21	175.3	15.84	14.72	33.98	34.84	-0.861	47.86	51.07	26.462	266.86	0	
"2010-12-18	11:00:00"	11.78	185	12.04	17.1	9.34	182	16.01	14.72	39.34	40.7	-1.363	41.66	43.54	26.458	413.95	0	
"2010-12-18	12:00:00"	12.04	190.2	14.58	18.3	9.4	188.4	18.66	15.31	43.41	45.2	-1.794	37.52	38.31	26.428	519.27	0	
"2010-12-18	13:00:00"	8.92	209	24.35	15.91	7.361	208.1	28.72	13.52	46.82	48.43	-1.617	35.27	36	26.399	495.46	0	
"2010-12-18	14:00:00"	8.36	226.8	20.07	14.72	6.806	227.4	23.51	12.93	50.26	52.12	-1.862	34.05	34.25	26.367	547.22	0	
"2010-12-18	15:00:00"	8.19	219.4	22.31	17.1	6.777	218.2	26.14	13.52	53.06	54.68	-1.621	33.22	33.41	26.331	482.24	0	
"2010-12-18	16:00:00"	7.478	205.8	15.18	11.74	6.013	205.1	19.8	11.14	55.66	56.97	-1.308	31.46	31.76	26.314	353.28	0	
"2010-12-18	17:00:00"	8.35	186.4	17.05	12.93	6.558	184.6	21.16	10.54	57.43	58.03	-0.601	31.32	32.09	26.301	178.53	0	
"2010-12-18	18:00:00"	7.487	164.7	9.73	12.33	4.874	159	12.65	9.95	56.14	55.04	1.103	33.28	35.62	26.301	39.787	0	
"2010-12-18	19:00:00"	6.039	140.3	8.41	8.75	3.063	119.5	11.19	5.771	52.24	49.98	2.26	36.82	41.07	26.307	0.04235	0	
"2010-12-18	20:00:00"	6.613	170.8	17.08	11.74	3.832	175.1	24.44	6.368	51.04	48.8	2.242	38.88	44.03	26.312	0	0	
"2010-12-18	21:00:00"	6.799	184.2	10	9.35	3.895	176.4	20.91	6.964	49.24	45.85	3.387	42.48	49.42	26.315	0	0	
"2010-12-18	22:00:00"	5.379	239.9	12.75	8.75	3.372	231.6	15.03	5.771	51.3	47.55	3.752	42.17	49.43	26.321	0	0	
"2010-12-18	23:00:00"	6.736	260.3	5.428	9.35	4.2	256.9	11.17	6.964	50.72	46.94	3.781	44.92	52.09	26.32	0	0	
"2010-12-19	00:00:00"	7.069	281.7	11.49	11.74	2.884	293.2	10.93	5.771	47.77	43.29	4.478	50.42	59.96	26.322	0	0	
"2010-12-19	01:00:00"	8.98	302.8	8.87	11.74	4.165	312.2	20.46	6.368	48.04	43.42	4.617	52.75	63.12	26.319	0	0	
"2010-12-19	02:00:00"	5.71	254.6	18.65	8.75	3.153	244.1	28.39	5.771	47.3	42.84	4.461	55.11	64.66	26.31	0	0	
"2010-12-19	03:00:00"	6.384	284.7	15.45	11.14	3.239	288.2	14.25	5.175	46.83	41.08	5.751	56.4	68.22	26.313	0	0	
"2010-12-19	04:00:00"	4.121	239.5	48.33	7.561	3.06	220	54.35	5.175	43.29	38.94	4.348	61.23	71.4	26.31	0	0	
"2010-12-19	05:00:00"	7.243	182.9	9.85	11.14	3.976	180.1	16.46	7.561	39.9	36.23	3.675	62.73	72.72	26.302	0	0	
"2010-12-19	06:00:00"	7.289	216.8	11.63	9.35	4.28	228.1	17.69	5.771	40.1	37.12	2.981	58.58	67.64	26.299	0	0	
"2010-12-19	07:00:00"	7.104	222.4	8.27	9.35	4.147	230.2	12.76	6.964	39.17	36.71	2.452	58.83	67.52	26.31	0	0	
"2010-12-19	08:00:00"	7.813	218.6	8.02	10.54	4.478	224	13.23	6.368	39.14	36.49	2.648	58.25	67.16	26.32	4.1289	0	
"2010-12-19	09:00:00"	6.761	223	12.83	10.54	4.722	224.5	15.63	8.75	40.08	39.6	0.475	58.41	63.33	26.328	120.71	0	
"2010-12-19	10:00:00"	5.163	241.5	16.06	9.95	4.472	245.2	19.23	8.75	48.19	48.87	-0.685	54.07	55.97	26.342	300.64	0	
"2010-12-19	11:00:00"	11.76	246.2	23	24.26	9.27	248.5	24.41	21.28	58.31	59.41	-1.104	42.34	42.61	26.337	434.75	0	
"2010-12-19	12:00:00"	16.07	261	16.02	25.45	12.45	262.8	18.03	20.68	63.51	64.66	-1.158	37.13	36.82	26.325	416.17	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-19	13:00:00"	16.64	264.9	14.7	23.66	12.61	266.3	16.5	20.09	66.08	67.5	-1.411	34.65	33.9	26.31	460.14	0	
"2010-12-19	14:00:00"	13.17	246.5	21.75	23.66	10.57	248	24.13	21.28	68.23	70.04	-1.806	32.38	31.2	26.278	616.01	0	
"2010-12-19	15:00:00"	12.06	249.7	22.93	25.45	9.51	252.5	25	21.87	69.78	71.41	-1.631	30.73	29.57	26.259	483.55	0	
"2010-12-19	16:00:00"	14.8	274.4	14.37	24.26	10.89	275.7	15.98	20.68	71.11	72.58	-1.463	30.39	29.25	26.248	426.55	0	
"2010-12-19	17:00:00"	15.05	257.4	10.04	23.66	11.73	259.8	12.5	20.68	71.42	72.25	-0.831	30.29	29.64	26.245	277.09	0	
"2010-12-19	18:00:00"	12.58	260	8.13	20.09	9.35	261.9	10.71	17.1	70.06	69.61	0.453	30.46	31.07	26.248	59.223	0	
"2010-12-19	19:00:00"	8.14	250.3	9.53	11.74	5.152	250.6	12.07	9.35	66.01	63.35	2.665	33.45	36.63	26.255	0.19578	0	
"2010-12-19	20:00:00"	9.48	249.9	9.53	13.52	6.554	250.6	11.82	10.54	63.57	61.61	1.958	35.89	38.77	26.262	0	0	
"2010-12-19	21:00:00"	7.661	235.9	10.45	12.33	5.214	238.2	14.56	10.54	61.54	59.19	2.343	38.07	42.22	26.26	0	0	
"2010-12-19	22:00:00"	7.676	239.1	12.7	11.74	5.016	240	16.16	7.561	57.41	54.78	2.633	43.64	49.28	26.262	0	0	
"2010-12-19	23:00:00"	8.99	290.3	23.31	14.12	4.853	294.4	26.93	11.14	54.96	52.26	2.7	47.85	54.33	26.273	0	0	
"2010-12-20	00:00:00"	6.494	288.3	15.97	9.95	3.214	285.1	32.34	5.771	54.11	50.08	4.03	49.34	57.93	26.275	0	0	
"2010-12-20	01:00:00"	8.37	271.4	9.36	13.52	5.211	270.8	11.13	9.95	52.35	50.07	2.282	51.69	58.22	26.268	0	0	
"2010-12-20	02:00:00"	7.524	258.8	10.01	10.54	4.535	259.8	14.58	8.16	52.72	50.05	2.673	50.84	57.94	26.266	0	0	
"2010-12-20	03:00:00"	10.35	252.1	9.46	18.3	7.479	253	12.36	15.31	53.83	52.4	1.431	47.73	52.62	26.268	0	0	
"2010-12-20	04:00:00"	7.3	249.6	13.61	11.74	4.644	245.9	22.89	9.35	51.75	48.93	2.816	52.06	59.25	26.259	0	0	
"2010-12-20	05:00:00"	7.896	245.1	9.2	12.33	5.051	244.6	12.83	8.16	51.74	48.71	3.03	52.48	60.44	26.251	0	0	
"2010-12-20	06:00:00"	6.871	218.3	34.7	11.14	4.05	215.7	40.28	8.16	49.29	45.76	3.536	56.14	64.96	26.252	0	0	
"2010-12-20	07:00:00"	7.609	201.6	6.41	9.35	4.177	193.4	11.42	6.964	48.15	43.34	4.81	57.57	69.13	26.264	0	0	
"2010-12-20	08:00:00"	9.49	208.2	4.952	13.52	5.294	206.1	7.981	9.35	47.85	44.28	3.565	57.41	67.28	26.268	2.8967	0	
"2010-12-20	09:00:00"	10.6	219.7	9.26	14.12	7.204	220.7	12.35	11.74	48.99	48.16	0.834	54.44	59.31	26.281	81.636	0	
"2010-12-20	10:00:00"	9.97	232.9	8.97	17.1	8.23	234.9	11.85	15.91	54.8	55.04	-0.237	45.6	47.75	26.3	257.48	0	
"2010-12-20	11:00:00"	14.44	241.8	10.01	26.65	11.92	244.5	12.65	23.07	65.09	65.53	-0.432	32.92	33.43	26.32	327.27	0	
"2010-12-20	12:00:00"	25.05	259	10.88	42.15	19.48	261.1	13.12	33.8	69.84	70.76	-0.915	26.5	26.11	26.312	537.04	0	
"2010-12-20	13:00:00"	26.17	269.4	10.32	38.57	19.59	271.2	12.62	31.42	72.05	73.18	-1.127	20.77	20.12	26.305	560.92	0	
"2010-12-20	14:00:00"	24.42	265.5	11.79	37.98	18.57	267.3	13.64	32.61	72.94	73.89	-0.951	17.81	17.18	26.289	429.62	0	
"2010-12-20	15:00:00"	22	264.4	11.04	33.21	16.7	265.8	12.91	27.24	71.31	71.63	-0.317	17.64	17.5	26.282	228.08	0	
"2010-12-20	16:00:00"	18.59	276	12.15	33.8	13.17	277	13.95	26.65	70.77	70.85	-0.081	17.62	17.69	26.29	162.06	0	
"2010-12-20	17:00:00"	15.04	271	10.66	23.66	11.09	272.9	13.06	18.89	69.84	69.57	0.274	20.92	21.3	26.301	90.305	0	
"2010-12-20	18:00:00"	9.77	267.7	15.14	15.31	6.734	269.3	17.53	12.33	68.28	67.08	1.204	21.21	22.44	26.312	18.599	0	
"2010-12-20	19:00:00"	8.39	244.5	12.59	20.09	5.778	248	14.55	15.91	65.92	64.06	1.856	21.53	23.5	26.324	0.14666	0	
"2010-12-20	20:00:00"	12.26	243.9	8.24	23.07	9.63	245.3	10.41	21.87	66.15	64.93	1.217	20.65	22.09	26.336	0	0	
"2010-12-20	21:00:00"	9.65	268.1	10.71	15.31	6.434	269	12.23	10.54	63.73	61.91	1.825	21.98	24.15	26.351	0	0	
"2010-12-20	22:00:00"	7.188	189.9	25.69	12.33	4.692	175.1	30.87	9.35	61.14	57.4	3.741	23.81	27.95	26.364	0	0	
"2010-12-20	23:00:00"	8.34	199.1	12.18	10.54	4.696	193.5	13.86	6.368	57.81	53.3	4.51	26.01	31.39	26.373	0	0	
"2010-12-21	00:00:00"	7.134	227	20	9.95	4.291	228.2	31.63	5.771	56.67	52.29	4.385	27.4	32.74	26.383	0	0	
"2010-12-21	01:00:00"	7.61	255.1	9.59	12.93	3.986	251.1	17.18	7.561	57	52.1	4.898	28.55	34.26	26.381	0	0	
"2010-12-21	02:00:00"	7.839	235.1	16.97	11.14	4.59	230.7	19.22	8.75	54.63	50.38	4.251	31.14	36.8	26.382	0	0	
"2010-12-21	03:00:00"	6.311	246.1	8.75	9.35	3.53	236.5	20.12	5.771	54.05	49.29	4.755	33.19	38.86	26.38	0	0	
"2010-12-21	04:00:00"	4.895	235.6	19.13	6.964	2.784	225.9	39.65	4.578	52.79	49.59	3.198	36.44	40.89	26.381	0	0	
"2010-12-21	05:00:00"	7.094	253.1	6.438	11.74	4.334	258.6	7.735	7.561	51.94	48.58	3.362	39.43	45.44	26.38	0	0	
"2010-12-21	06:00:00"	6.988	266.3	16.78	11.14	3.83	268.2	19.74	6.964	50.77	46.12	4.651	42.77	51.96	26.384	0	0	
"2010-12-21	07:00:00"	7.92	301.9	7.798	12.33	3.66	310.9	13.06	6.964	51.9	44.91	6.989	41.3	54.22	26.397	0	0	
"2010-12-21	08:00:00"	10.41	306.8	12.59	13.52	4.611	307.9	23.13	8.75	50.43	45.89	4.54	43.8	53.95	26.409	4.16	0	
"2010-12-21	09:00:00"	6.405	259.7	34.49	9.35	3.791	250.4	44.13	6.964	49.56	48.11	1.457	45.08	50.39	26.428	111.93	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-21	10:00:00"	5.59	255.2	40.71	10.54	4.156	254	40.99	8.16	56.12	56.7	-0.576	37.79	38.95	26.449	280.63	0
"2010-12-21	11:00:00"	15.37	266.1	16.53	30.82	11.58	267.3	17.84	23.66	67.02	67.82	-0.804	29.38	29.34	26.464	427.3	0
"2010-12-21	12:00:00"	20.69	272.1	10.38	32.61	15.5	273.3	12.73	29.63	70.36	71.6	-1.237	26.07	25.39	26.458	537.42	0
"2010-12-21	13:00:00"	20.82	260.4	10.64	30.82	16.14	262	12.92	26.65	71.78	73.18	-1.395	24.71	23.75	26.438	588.52	0
"2010-12-21	14:00:00"	17.69	262.9	10.51	24.86	13.73	264.8	12.97	23.07	72.85	74.45	-1.601	23.22	22.06	26.421	564.85	0
"2010-12-21	15:00:00"	14.44	252.6	13.95	24.26	11.76	255	16.41	23.07	73.85	75.32	-1.463	22.08	20.94	26.41	499.91	0
"2010-12-21	16:00:00"	13.5	247.5	12.77	23.66	11.07	249.5	14.65	18.89	74.78	75.82	-1.045	20.01	19.11	26.406	373.16	0
"2010-12-21	17:00:00"	11.37	240.8	11.25	17.7	9.17	242	14.44	15.31	74.78	75.11	-0.325	20.62	20.13	26.411	213.31	0
"2010-12-21	18:00:00"	5.328	222.6	13.57	15.31	5.778	221.7	16.55	12.33	71.95	70.45	1.507	23.35	24.42	26.42	45.804	0
"2010-12-21	19:00:00"	4.765	218	5.706	11.74	4.746	219	11.38	8.16	66.77	63.36	3.408	26.05	29.35	26.439	0.12528	0
"2010-12-21	20:00:00"	1.001	252.5	22.58	1.596	3.071	268.4	29.14	4.578	62.8	59.01	3.791	28.4	32.72	26.459	0	0
"2010-12-21	21:00:00"	4.585	288.5	16.55	10.54	3.632	306.1	40.62	6.964	61.73	55.45	6.283	29.42	36.41	26.471	0	0
"2010-12-21	22:00:00"	5.153	300.7	27.74	11.74	3.639	330	51.56	6.368	59.25	52.84	6.405	31.34	39.15	26.481	0	0
"2010-12-21	23:00:00"	9.26	316.8	10.76	12.93	4.292	320.6	17.1	7.561	56.5	52.38	4.114	33.81	40.01	26.491	0	0
"2010-12-22	00:00:00"	9.63	328.4	11.13	12.33	4.737	340.7	19.33	6.964	56.24	50.07	6.167	34.25	43.29	26.5	0	0
"2010-12-22	01:00:00"	8.7	340.8	14.65	11.14	5.055	357	21.82	6.368	58.55	49.01	9.54	32.44	44.83	26.502	0	0
"2010-12-22	02:00:00"	1.34	128.5	101.1	6.964	2.513	103	49.18	5.771	50.64	45.68	4.965	39.98	49.42	26.508	0	0
"2010-12-22	03:00:00"	2.018	68.03	98.3	9.35	2.978	33.44	42.11	5.175	50.31	43.41	6.905	40.66	52.73	26.513	0	0
"2010-12-22	04:00:00"	10.92	39.15	9.33	15.91	7.45	35.63	13.2	12.93	43.04	41.14	1.896	49.79	56.93	26.531	0	0
"2010-12-22	05:00:00"	12.41	56.83	7.519	17.7	8.77	54.72	10.04	13.52	38.36	37.78	0.572	62.01	66.98	26.541	0	0
"2010-12-22	06:00:00"	13.88	52.36	6.533	19.49	10.1	50.28	9.3	14.72	35.14	34.8	0.341	73.19	77.83	26.55	0	0
"2010-12-22	07:00:00"	15.58	51.67	7.397	20.68	11.63	50.18	9.67	17.1	34.42	34.18	0.242	79.73	84.2	26.569	0	0
"2010-12-22	08:00:00"	16.33	53.15	7.961	24.86	12.26	51.31	10.19	21.28	33.33	33.28	0.052	83	87.3	26.579	0.64895	0
"2010-12-22	09:00:00"	16.75	60.89	8.45	23.07	12.56	59.31	11.25	19.49	33.58	33.84	-0.264	85.9	89.6	26.598	22.906	0
"2010-12-22	10:00:00"	14.72	57.87	10.46	21.28	11.27	56.29	12.82	17.7	34.3	34.78	-0.484	87.6	90.7	26.621	66.592	0
"2010-12-22	11:00:00"	14.13	54.63	10.83	20.09	10.9	52.98	12.95	18.89	35.63	36.58	-0.948	85.6	86.9	26.638	154.01	0
"2010-12-22	12:00:00"	13.35	62.74	13.51	20.68	10.34	61.29	16.23	18.3	37.01	38.21	-1.199	81.5	82.5	26.642	230.68	0
"2010-12-22	13:00:00"	12.79	64.96	15.46	17.7	10.05	62.44	17.45	15.31	39.16	40.87	-1.711	76	75.78	26.63	381.4	0
"2010-12-22	14:00:00"	13.43	58.12	13.1	22.47	10.73	56.51	15.65	18.3	41.03	43.15	-2.126	72.12	70.84	26.602	522.29	0
"2010-12-22	15:00:00"	13	69.64	14.09	18.89	10.25	67.29	16.46	17.1	43.36	45.43	-2.074	66.72	65.43	26.586	504.88	0
"2010-12-22	16:00:00"	12.58	74.77	14.36	18.3	9.7	73.32	16.5	17.1	45.27	46.77	-1.496	62.4	62.33	26.585	344.06	0
"2010-12-22	17:00:00"	13.39	63.25	10.37	19.49	10.23	61.81	12.65	15.91	44.74	45.37	-0.624	62.9	64.63	26.583	98.329	0
"2010-12-22	18:00:00"	12.57	52.73	10.75	19.49	9.62	51.58	12.41	15.31	43.79	44.1	-0.313	64.23	66.77	26.59	8.055	0
"2010-12-22	19:00:00"	11.66	53.02	9.26	16.51	8.87	51.3	11.56	14.72	42.81	43.05	-0.234	65.89	68.79	26.599	0	0
"2010-12-22	20:00:00"	8.55	48.7	11.17	12.33	6.65	47.22	13.04	11.14	42.37	42.59	-0.219	66.03	69.04	26.615	0	0
"2010-12-22	21:00:00"	7.752	35.54	9.48	11.74	6.059	34.86	12.57	9.95	41.95	42.14	-0.188	66.58	69.72	26.631	0	0
"2010-12-22	22:00:00"	5.072	46.67	21.07	9.35	3.982	44.49	22.22	8.75	42.06	42.21	-0.153	66.07	69.29	26.628	0	0
"2010-12-22	23:00:00"	8.27	103.8	11.14	12.93	6.289	101.6	13.7	11.74	41.9	42.07	-0.176	77.62	80.6	26.624	0	0
"2010-12-23	00:00:00"	8.43	90	10.74	11.74	6.319	87.8	12.82	11.14	40.63	40.8	-0.169	82.3	85.8	26.619	0	0
"2010-12-23	01:00:00"	8.33	86.6	8.94	11.74	6.264	84.4	11.26	9.95	40.36	40.53	-0.176	75.11	78.66	26.603	0	0
"2010-12-23	02:00:00"	8.42	92.1	8.55	11.74	6.315	89.8	11.52	9.95	40.43	40.61	-0.175	71.26	74.76	26.585	0	0
"2010-12-23	03:00:00"	7.954	89.7	9.68	11.14	5.983	88.1	12.09	9.35	40.12	40.3	-0.186	64.89	68.54	26.575	0	0
"2010-12-23	04:00:00"	6.856	75.61	12.68	10.54	5.235	73.19	14.44	9.35	39.57	39.76	-0.19	63.13	66.76	26.57	0	0
"2010-12-23	05:00:00"	7.58	83.6	12.97	11.14	5.793	81.4	14.89	9.35	39.52	39.7	-0.177	60.78	64.46	26.55	0	0
"2010-12-23	06:00:00"	10.15	101	9.13	17.1	7.679	99.2	12.17	12.93	39.42	39.61	-0.182	59.97	63.57	26.536	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-23	07:00:00"	9.91	98.3	8.79	13.52	7.41	95.6	11.47	11.14	39.42	39.58	-0.163	55.79	59.53	26.535	0	0
"2010-12-23	08:00:00"	10.17	101.6	9.94	15.31	7.605	99.7	12.77	12.33	39.44	39.59	-0.147	52.98	56.74	26.538	0.16138	0
"2010-12-23	09:00:00"	8.4	86.2	8.91	12.33	6.197	83.8	11.65	9.95	39.51	39.69	-0.182	51.61	55.32	26.546	7.4014	0
"2010-12-23	10:00:00"	10.08	101.5	14.38	15.91	7.625	99.2	17.18	13.52	39.85	40.29	-0.436	55.86	58.9	26.544	62.421	0
"2010-12-23	11:00:00"	12.73	117.3	9.23	17.7	9.69	116.5	12.86	15.31	40.57	41.29	-0.722	61.99	64.29	26.532	122.5	0
"2010-12-23	12:00:00"	11.61	121.9	11.83	18.3	8.94	122.3	14.27	14.72	41.94	42.88	-0.94	59.93	61.75	26.512	174.7	0
"2010-12-23	13:00:00"	9.28	124.5	14.85	14.72	7.27	123.7	17.23	12.33	43.31	44.24	-0.925	60.07	61.7	26.486	167.71	0
"2010-12-23	14:00:00"	7.113	136.7	16.11	12.93	5.819	135.1	18.05	11.14	44.41	45.25	-0.839	61.5	63.16	26.455	181.6	0
"2010-12-23	15:00:00"	6.656	136.1	19.79	10.54	5.505	133.9	20.48	8.75	45.43	46.31	-0.88	61.92	63.38	26.426	190.02	0
"2010-12-23	16:00:00"	7.07	131.9	21.27	12.33	5.81	131.4	23.56	11.74	46.28	47.12	-0.837	64.11	65.48	26.414	171.11	0
"2010-12-23	17:00:00"	7.641	134.7	15.9	11.74	6.131	133.4	16.96	9.95	46.65	47.34	-0.69	68.13	69.57	26.409	103.26	0
"2010-12-23	18:00:00"	7.643	130.5	14.22	11.74	6.063	129.8	15.27	9.35	46.13	46.55	-0.425	75.07	76.9	26.407	21.652	0
"2010-12-23	19:00:00"	8.47	129.3	9.93	11.74	6.489	128.5	11.67	10.54	44.65	44.98	-0.326	82.1	84.1	26.403	0.06451	0
"2010-12-23	20:00:00"	9.05	132.3	10.65	12.93	6.959	131.8	11.76	11.14	44.63	44.83	-0.208	82	84.4	26.409	0	0
"2010-12-23	21:00:00"	8.2	138	48.7	14.12	6.433	138.9	48.41	11.74	43.35	43.56	-0.207	88	90.7	26.415	0	0
"2010-12-23	22:00:00"	4.91	39.83	28.87	8.75	4.534	38.5	31.01	7.561	43.21	43.39	-0.178	90.2	93.1	26.443	1.6341	0
"2010-12-23	23:00:00"	2.033	47.76	25.13	6.368	3.871	45.59	26.12	6.368	43.14	43.33	-0.194	90.4	93	26.436	2.3056	0
"2010-12-24	00:00:00"	4.649	48.62	19.52	8.16	4.311	47.42	21.42	6.964	43.1	43.29	-0.189	90.6	93.4	26.438	2.984	0
"2010-12-24	01:00:00"	4.607	24.22	8.11	6.368	3.927	22.79	13.57	6.368	43.03	43.28	-0.245	90.7	93.1	26.445	1.4359	0
"2010-12-24	02:00:00"	2.315	64.53	58.58	5.771	2.412	68.61	56.57	4.578	43.34	43.6	-0.258	90.4	92.5	26.44	0.54599	0
"2010-12-24	03:00:00"	8.99	320.5	8.01	14.72	6.232	320.2	10.61	11.74	43.91	44.06	-0.15	90.7	93.1	26.442	1.7254	0
"2010-12-24	04:00:00"	9.08	311.9	8.64	13.52	5.212	312.2	11.7	9.35	42.39	41.97	0.419	90.1	92.9	26.433	2.416	0
"2010-12-24	05:00:00"	9.57	320.4	7.868	14.12	6.191	319.7	10.74	11.14	41.12	40.77	0.35	90	93.3	26.431	2.536	0
"2010-12-24	06:00:00"	10.75	315	8.62	14.72	6.346	314.2	11.37	11.74	39.46	39.04	0.415	88.9	92.5	26.444	1.9429	0
"2010-12-24	07:00:00"	14.14	333.3	8.54	25.45	10.11	331.4	11.13	23.07	39.94	39.4	0.543	84	88.8	26.466	0.2311	0
"2010-12-24	08:00:00"	17.85	355.2	14.2	27.84	13.32	350.3	16.76	26.05	38.35	37.85	0.497	76.84	82.7	26.496	1.5465	0
"2010-12-24	09:00:00"	23.81	12.54	8.93	35	17.95	8.55	17.99	28.43	37.82	37.88	-0.062	80.1	84.5	26.518	28.883	0
"2010-12-24	10:00:00"	23.88	20.25	6.824	35	18.3	17.75	15.4	29.63	39.95	40.26	-0.312	73.9	77.39	26.549	116.61	0
"2010-12-24	11:00:00"	21.66	22.64	8.11	30.22	16.69	19.77	14.92	26.05	41.66	42.5	-0.839	63.94	66.26	26.596	264.85	0
"2010-12-24	12:00:00"	20.09	26.69	8.65	30.22	15.62	25.39	13.14	27.24	42.58	43.56	-0.975	57.54	59.33	26.612	227.24	0
"2010-12-24	13:00:00"	17.79	20.9	8.68	25.45	13.72	18.56	14.99	22.47	42.38	43.17	-0.785	57.68	59.71	26.612	156.47	0
"2010-12-24	14:00:00"	17.55	18.34	10.95	26.05	13.65	15.5	16.86	21.28	43.24	44.29	-1.055	58.29	59.71	26.598	232.55	0
"2010-12-24	15:00:00"	17.18	15.55	11	24.26	13.42	12.25	16.86	21.87	44.43	45.79	-1.356	56.96	57.67	26.593	318.23	0
"2010-12-24	16:00:00"	14.99	18.58	11.37	21.87	11.79	15.36	16.63	19.49	45.92	47.36	-1.438	54.28	54.67	26.594	361.53	0
"2010-12-24	17:00:00"	13.56	18.29	10.55	18.89	10.42	15.25	16.68	17.1	47.42	48.17	-0.754	51.06	52.55	26.603	206.85	0
"2010-12-24	18:00:00"	8.88	28.46	6.942	17.7	6.45	23.84	12.18	14.72	47.31	46.53	0.784	49.71	53.8	26.615	43.517	0
"2010-12-24	19:00:00"	6.801	19.66	5.791	8.75	4.064	0.116	11.01	6.368	45.16	40.21	4.953	52.73	63.11	26.626	0.16237	0
"2010-12-24	20:00:00"	8.5	359.3	15.94	11.14	4.424	345.9	12.86	5.771	43.82	35.57	8.24	55.05	70.96	26.635	0	0
"2010-12-24	21:00:00"	9.82	1.034	11.24	12.33	5.028	352.5	9.83	8.16	39.36	35.19	4.172	59.31	71.63	26.651	0	0
"2010-12-24	22:00:00"	10.21	3.13	10.3	11.74	5.355	355.2	10.73	6.964	37.46	33.61	3.85	61.51	73.33	26.665	0	0
"2010-12-24	23:00:00"	9.75	3.959	8.49	11.74	4.889	354.7	7.527	7.561	35.24	31.29	3.954	65.06	77.01	26.673	0	0
"2010-12-25	00:00:00"	10.26	6.426	6.891	12.93	5.424	358.6	11.03	8.16	34.63	31.25	3.38	65.2	76.69	26.676	0	0
"2010-12-25	01:00:00"	9.7	359.8	8.66	11.14	5.195	353.8	10.98	6.964	33.54	30.22	3.313	65.67	77.41	26.679	0	0
"2010-12-25	02:00:00"	10.03	12.43	4.471	11.74	5.128	9.7	10.1	6.964	32.46	29.2	3.258	66.32	77.72	26.676	0	0
"2010-12-25	03:00:00"	9.68	13.32	3.681	11.74	5.063	11.18	9.12	6.964	30.98	28.11	2.865	68.48	79.12	26.677	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-25	04:00:00"	9.59	341.8	18.89	12.93	5.023	336	18.45	9.35	29.61	27.15	2.46	69.14	79.72	26.687		0	0
"2010-12-25	05:00:00"	9.9	324.6	4.427	14.12	5.588	322.5	8.73	9.95	27.77	26.18	1.586	72.57	81.1	26.694		0	0
"2010-12-25	06:00:00"	9.04	351.1	14.55	10.54	4.648	347.5	14.33	6.964	28.34	25.59	2.746	71.6	82	26.692		0	0
"2010-12-25	07:00:00"	9.23	9.93	10.61	10.54	4.613	3.688	13.77	6.368	29.58	26.19	3.39	69.68	81.3	26.705		0	0
"2010-12-25	08:00:00"	8.48	359.7	13.79	11.14	4.598	353.2	18.17	7.561	27.47	25.17	2.307	73.02	82.9	26.728	2.3429		0
"2010-12-25	09:00:00"	7.556	8.98	9.63	9.95	4.731	5.136	13.99	8.75	28.28	27.54	0.743	73.06	80.7	26.75	95.794		0
"2010-12-25	10:00:00"	8.28	42.71	17.84	11.74	6.567	40.99	20.21	10.54	35.21	36.02	-0.812	62.92	66.49	26.782	262.52		0
"2010-12-25	11:00:00"	8.23	57.23	15.67	12.93	6.691	54.75	17.87	11.74	38.5	40.07	-1.57	56.56	57.99	26.804	413.57		0
"2010-12-25	12:00:00"	7.329	48.22	21.89	11.74	5.935	47.96	25.8	9.95	41.66	43.56	-1.898	48.97	49.59	26.805	523.29		0
"2010-12-25	13:00:00"	6.744	59.46	32.17	11.74	5.494	59.96	39.28	9.95	44.17	46.05	-1.881	43.26	43.78	26.78	577.21		0
"2010-12-25	14:00:00"	5.123	65.83	54.49	11.74	4.283	67.99	60.92	10.54	46.37	47.91	-1.539	39.69	40.52	26.748	557.72		0
"2010-12-25	15:00:00"	4.221	34.9	60.53	8.75	3.421	34.51	66.47	8.16	48.52	49.94	-1.414	37.04	37.64	26.732	496.67		0
"2010-12-25	16:00:00"	3.586	169.6	92.5	7.561	3.153	169.9	92.7	6.964	49.44	50.25	-0.802	36.02	37.23	26.722	372.2		0
"2010-12-25	17:00:00"	4.487	96.9	45.87	9.95	3.736	94.8	52.36	8.75	49.6	50.3	-0.701	35.71	36.99	26.718	213.59		0
"2010-12-25	18:00:00"	4.748	97.7	10.64	6.368	2.995	91.9	9.51	4.578	48.81	47.98	0.834	36.26	39.11	26.718	48.772		0
"2010-12-25	19:00:00"	7.212	116.2	7.788	8.16	3.799	99.7	12.66	4.578	46.7	41.95	4.751	38.36	46.73	26.715	0.1841		0
"2010-12-25	20:00:00"	8.42	113	5.682	9.35	3.96	88.6	8.31	5.771	44.77	38.24	6.532	40.85	52.46	26.721	0		0
"2010-12-25	21:00:00"	9.03	115.1	2.941	11.14	4.042	85.9	7.056	5.771	43.01	36.05	6.961	43.43	56.62	26.725	0		0
"2010-12-25	22:00:00"	8.78	129.4	5.497	11.14	4.358	121.9	10.05	6.964	37.19	34.3	2.886	51.41	60.05	26.724	0		0
"2010-12-25	23:00:00"	9.21	139.9	6.696	12.33	5.892	136.9	8.7	8.75	35.28	34.14	1.136	55.18	61.42	26.724	0		0
"2010-12-26	00:00:00"	7.913	146.7	6.706	10.54	4.58	143.6	7.892	7.561	33.18	31.81	1.374	59.03	65.78	26.725	0		0
"2010-12-26	01:00:00"	9.19	140.4	6.686	12.33	5.892	137.3	8.01	8.75	33.01	31.99	1.022	60.03	66.39	26.715	0		0
"2010-12-26	02:00:00"	6.838	165.2	12.62	9.35	3.829	168.3	16.33	6.368	31.08	29.59	1.491	64.17	71.14	26.697	0		0
"2010-12-26	03:00:00"	5.518	185	14.55	7.561	3.024	192.6	19.03	4.578	30.41	28.58	1.832	67.24	74.58	26.685	0		0
"2010-12-26	04:00:00"	4.942	205.8	9.76	6.964	2.779	204.9	11.77	4.578	29.64	27.72	1.927	68.59	76.55	26.672	0		0
"2010-12-26	05:00:00"	5.607	226.3	7.666	8.16	3.548	236	7.355	5.771	29.96	27.66	2.296	68.87	76.79	26.652	0		0
"2010-12-26	06:00:00"	6.023	203.5	6.486	7.561	3.43	213.1	9.38	5.175	30.02	27.72	2.3	71.01	78.73	26.628	0		0
"2010-12-26	07:00:00"	6.466	217.2	5.563	8.16	3.734	224.7	7.863	5.175	29.3	26.77	2.525	73.51	81.6	26.621	0		0
"2010-12-26	08:00:00"	5.008	199.3	7.802	6.964	2.304	199.4	9.91	3.386	29.28	27.39	1.889	74.71	82.8	26.615	2.3038		0
"2010-12-26	09:00:00"	5.812	200.7	7.515	8.75	3.505	202.6	10.26	8.16	29.3	28.59	0.714	75.79	82.4	26.617	100.31		0
"2010-12-26	10:00:00"	10.18	186	10.08	20.68	7.817	184.7	13.86	16.51	36.83	37.41	-0.583	58.04	61.58	26.624	271.68		0
"2010-12-26	11:00:00"	17	180.9	9	24.86	13.14	178.6	12.5	20.09	44.77	45.73	-0.955	40.22	42.1	26.634	426.88		0
"2010-12-26	12:00:00"	17.93	180.7	10.75	26.65	13.89	178.1	14.3	21.87	47.8	49.14	-1.349	36.82	37.67	26.619	537.41		0
"2010-12-26	13:00:00"	17.81	183.8	11.95	25.45	13.79	180.7	15.49	22.47	50.13	51.71	-1.581	32.88	33.41	26.578	592.19		0
"2010-12-26	14:00:00"	16.07	178.9	12.82	24.86	12.52	176.1	16.28	21.28	52.21	53.85	-1.645	30.03	30.4	26.531	562.31		0
"2010-12-26	15:00:00"	16.26	179.3	13.35	23.66	12.62	176.1	15.91	19.49	53.88	55.38	-1.507	27.42	27.82	26.496	507.59		0
"2010-12-26	16:00:00"	17.09	176.4	11	27.24	13.2	173	13.99	20.68	54.36	55.48	-1.12	27.29	27.93	26.474	382.26		0
"2010-12-26	17:00:00"	15.79	179.2	10.93	23.07	12.12	175.7	14.33	18.89	54.33	54.87	-0.549	28.45	29.55	26.472	223.39		0
"2010-12-26	18:00:00"	12.07	163.6	10.05	20.09	8.97	159.5	11.45	15.31	52.18	51.77	0.402	30.58	32.74	26.463	46.656		0
"2010-12-26	19:00:00"	10.36	145.2	7.46	15.91	6.842	140.9	8.39	12.93	46.45	45.24	1.216	36.27	40	26.466	0.08146		0
"2010-12-26	20:00:00"	11.99	155.4	7.444	15.91	8.76	151.2	8.04	13.52	43.6	42.94	0.655	40.23	44.43	26.466	0		0
"2010-12-26	21:00:00"	12.6	164.5	7.24	18.3	9.34	161	8.75	14.12	42.04	41.48	0.556	42.32	46.7	26.463	0		0
"2010-12-26	22:00:00"	7.676	178	9.31	12.93	4.867	177.9	12.71	9.95	38.25	36.94	1.311	47.51	53.44	26.45	0		0
"2010-12-26	23:00:00"	8.6	192.5	6.438	12.93	5.213	196.4	10.32	9.35	36.1	34.47	1.632	51.09	57.84	26.438	0		0
"2010-12-27	00:00:00"	8.56	197.4	6.632	11.14	4.779	202.9	10.17	6.964	35.18	33.01	2.171	54.06	61.89	26.426	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2010-12-27	01:00:00"	8.67	201.5	5.396	10.54	4.824	204.6	9.25	7.561	33.39	31.6	1.792	57.51	64.93	26.411	0	0
"2010-12-27	02:00:00"	8.4	208.8	5.146	11.14	4.903	211.8	9.44	7.561	33.17	31.53	1.632	58.55	65.98	26.401	0	0
"2010-12-27	03:00:00"	6.98	220.7	5.531	9.35	4.156	227.8	10.49	6.368	33.35	31.39	1.961	58	66.02	26.397	0	0
"2010-12-27	04:00:00"	8.35	230.4	5.023	11.74	5.364	236.6	7.318	8.16	32.85	31.15	1.696	58.67	66.44	26.401	0	0
"2010-12-27	05:00:00"	8.74	233.4	11.59	11.74	5.776	237.7	13.29	8.75	32.94	31.7	1.249	58.23	65.27	26.402	0	0
"2010-12-27	06:00:00"	7.04	286.5	29.71	10.54	4.32	293.3	33.7	8.16	31.81	30.17	1.642	60.15	67.91	26.409	0	0
"2010-12-27	07:00:00"	6.482	247.2	9.52	8.16	4.071	248.4	17.27	6.368	31.68	29.59	2.089	59.84	68.64	26.409	0	0
"2010-12-27	08:00:00"	6.482	256.7	14.51	9.35	4.313	256.6	19.85	8.16	32.64	31.37	1.263	57.85	65.11	26.419	1.2261	0
"2010-12-27	09:00:00"	7.164	253	9.88	9.35	5.206	255.5	12.56	7.561	32.84	32.4	0.437	57.41	63.32	26.433	45.514	0
"2010-12-27	10:00:00"	6.955	242.9	10.63	10.54	6.032	245.7	13.06	9.35	35.7	36.3	-0.597	52.35	55.91	26.457	207.4	0
"2010-12-27	11:00:00"	5.027	240.9	21.7	7.561	4.369	243.3	23.63	7.561	42.31	43.27	-0.968	42.5	44.67	26.472	416.31	0
"2010-12-27	12:00:00"	5.392	256.3	17.81	12.93	4.585	257	20.88	9.95	51.4	52.62	-1.224	33.3	34.17	26.469	521.89	0
"2010-12-27	13:00:00"	7.411	275.4	30.76	14.72	5.619	276.9	31.5	12.93	58.01	59.57	-1.56	28.25	28.32	26.442	548.21	0
"2010-12-27	14:00:00"	8.11	238.8	34.75	14.72	6.496	242.2	38.27	11.74	59.22	60.78	-1.559	27.03	26.98	26.414	537.2	0
"2010-12-27	15:00:00"	6.448	256.2	34.98	14.12	5.085	257.7	38.22	11.74	60.37	61.77	-1.398	26.12	26.1	26.397	466.9	0
"2010-12-27	16:00:00"	7.752	278.8	31.66	14.72	5.825	279.9	32.86	11.74	61.29	62.41	-1.126	25.64	25.71	26.39	304.47	0
"2010-12-27	17:00:00"	8.67	295.6	15.12	14.12	5.566	295.3	16.68	11.14	60.96	61.56	-0.601	26.13	26.66	26.394	180.51	0
"2010-12-27	18:00:00"	7.219	315	7.169	10.54	4.174	317.6	10.81	8.16	58.5	57.46	1.047	26.99	29.18	26.401	53.471	0
"2010-12-27	19:00:00"	6.861	328.7	32.87	9.35	3.304	346.9	49.51	4.578	54.32	49.39	4.934	29.74	35.85	26.409	0.06237	0
"2010-12-27	20:00:00"	1.489	248.3	86.2	5.175	2.111	156.3	91.8	3.982	53.61	50.06	3.545	30.36	35.31	26.427	0	0
"2010-12-27	21:00:00"	1.434	27.88	20.77	4.578	2.725	22	12.82	5.175	54.06	49.73	4.334	29.9	35.81	26.436	0	0
"2010-12-27	22:00:00"	5.404	210.6	71.43	15.31	3.964	230.8	83.6	11.14	49.44	46.01	3.431	34.64	40.57	26.453	0	0
"2010-12-27	23:00:00"	3.468	56.71	93.9	8.16	3.242	49.26	79.24	5.771	47.48	43.96	3.52	37.26	44.33	26.466	0	0
"2010-12-28	00:00:00"	3.559	163.1	20.52	6.964	2.064	144.2	41.08	4.578	45.6	42.95	2.651	39.31	45.83	26.472	0	0
"2010-12-28	01:00:00"	2.391	168.2	24.55	5.771	1.216	144.6	50.16	2.789	43.68	41.53	2.15	42.43	48.82	26.463	0	0
"2010-12-28	02:00:00"	3.88	211.6	33.38	6.964	2.684	231.8	59.55	5.175	43.16	40.91	2.249	45.68	51.58	26.45	0	0
"2010-12-28	03:00:00"	2.516	29.3	46.68	6.368	3.222	15.2	15.29	4.578	41.95	37.39	4.556	48.33	57.06	26.446	0	0
"2010-12-28	04:00:00"	6.907	20.95	16.69	9.95	4.21	22.52	21.19	6.368	37.59	35.38	2.207	52.53	59.98	26.445	0	0
"2010-12-28	05:00:00"	6.326	30	8.02	9.35	4.074	33.75	12.28	6.368	36.11	35.15	0.955	55.22	60.87	26.444	0	0
"2010-12-28	06:00:00"	7.106	25.37	6.836	9.95	4.787	26.3	12.51	7.561	35.67	35.13	0.54	57.05	62.41	26.438	0	0
"2010-12-28	07:00:00"	8.06	22.11	6.327	10.54	5.753	21.14	12.08	8.75	35.97	35.71	0.254	57.08	61.99	26.441	0	0
"2010-12-28	08:00:00"	7.52	29.23	7.262	9.95	5.429	29.92	10.92	8.75	35.38	35.04	0.339	58.02	62.98	26.446	0.72403	0
"2010-12-28	09:00:00"	7.628	25.95	6.308	10.54	5.608	26.61	10.93	8.75	35.13	34.95	0.186	58.92	63.73	26.457	29.144	0
"2010-12-28	10:00:00"	7.286	40.69	12.01	9.95	5.791	39.32	13.82	9.35	37.67	37.97	-0.304	55.41	59.03	26.472	118.17	0
"2010-12-28	11:00:00"	4.29	67.61	38.71	8.16	3.705	68.77	45.11	7.561	41.79	42.6	-0.816	54.65	56.83	26.485	286.93	0
"2010-12-28	12:00:00"	2.706	128.8	52.58	7.561	2.675	121.6	54.51	6.368	45.92	46.61	-0.69	60.84	62.66	26.466	344.15	0
"2010-12-28	13:00:00"	2.196	134.4	59.05	7.561	2.795	133.9	62.25	6.368	47.99	48.54	-0.552	54.95	56.89	26.426	221.38	0
"2010-12-28	14:00:00"	2.543	236.7	99.1	8.75	3.196	244.7	96.9	9.35	50.22	51.14	-0.923	50.11	51.24	26.386	362.79	0
"2010-12-28	15:00:00"	4.265	111	32.35	9.95	3.83	116.4	34.99	8.75	52.27	53.13	-0.854	45.83	46.9	26.349	335.98	0
"2010-12-28	16:00:00"	6.077	139.7	35.75	11.14	5.055	136.3	39.7	9.95	53.65	54.47	-0.822	40.5	41.47	26.338	263.86	0
"2010-12-28	17:00:00"	5.76	121.2	22.21	9.35	4.555	118.8	25.07	7.561	53.84	54.25	-0.405	42.12	43.58	26.337	91.716	0
"2010-12-28	18:00:00"	3.213	66.22	27.38	7.561	2.232	61.2	32.93	6.368	53.21	52.88	0.325	44.58	47.22	26.335	38.635	0
"2010-12-28	19:00:00"	3.384	78.28	24.09	6.964	2.945	53.6	29.25	5.175	52.03	48.86	3.17	46.06	52.96	26.335	0.16195	0
"2010-12-28	20:00:00"	5.563	175.3	14.75	9.35	2.959	153.2	35.14	4.578	48.78	45.6	3.18	52.77	59.19	26.339	0	0
"2010-12-28	21:00:00"	8.03	179.5	16.4	10.54	4.272	173.5	23.84	6.964	46.44	43.63	2.807	55.72	63.43	26.333	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2010-12-28	22:00:00"	4.992	196.8	12.11	8.75	2.763	201.6	24.82	5.771	44.73	42.92	1.815	53.6	60.73	26.33	0
"2010-12-28	23:00:00"	6.005	199.6	8.19	7.561	3.384	202.4	13.92	4.578	43.33	40.54	2.794	53.44	62.95	26.326	0
"2010-12-29	00:00:00"	6.462	202.6	16.74	8.16	3.631	209.3	22.44	5.175	41.49	38.15	3.345	55.22	65.34	26.318	0
"2010-12-29	01:00:00"	5.613	232.9	8.54	8.75	3.676	235.2	11.63	5.175	40.6	37.05	3.545	57.27	67.02	26.297	0
"2010-12-29	02:00:00"	7.467	232.3	5.703	9.35	4.724	243.2	7.479	5.771	40.34	36.38	3.952	56.6	66.89	26.276	0
"2010-12-29	03:00:00"	6.838	232.1	6.451	9.35	4.342	233.7	14.47	5.771	39.59	35.84	3.754	57.55	68.02	26.26	0
"2010-12-29	04:00:00"	5.621	206.6	9.66	6.964	3.795	198.4	18.56	4.578	36.83	33.16	3.662	62.66	74.05	26.239	0
"2010-12-29	05:00:00"	6.972	192.7	5.271	8.75	4.146	188.9	10.39	5.771	33.61	28.41	5.206	78.55	88.6	26.224	0
"2010-12-29	06:00:00"	6.639	200.4	5.181	8.16	3.617	202.1	10.11	5.175	31.02	27.67	3.352	87.5	91.8	26.205	0.0001
"2010-12-29	07:00:00"	6.307	210	9.01	8.16	3.028	200.2	19.82	4.578	32.82	27.67	5.149	84.1	91.8	26.188	0.03915
"2010-12-29	08:00:00"	7.741	196	10.32	12.33	4.3	183.6	16.38	7.561	31.93	26.86	5.068	79.27	91.2	26.182	2.0392
"2010-12-29	09:00:00"	6.938	203.1	10.73	9.95	4.056	205	20.77	7.561	32.74	30.35	2.393	75.64	89.9	26.176	98.86
"2010-12-29	10:00:00"	9.32	211.2	9.69	16.51	7.234	211.5	13.45	12.93	39.21	39.48	-0.274	62.9	68.46	26.172	267.47
"2010-12-29	11:00:00"	12.59	226.3	10.81	20.68	10.08	227.4	13.83	17.7	48.3	49.31	-1.016	43	44.52	26.167	420.7
"2010-12-29	12:00:00"	16.66	227.3	10.51	24.26	13.22	228.6	13.75	20.09	54.7	56.01	-1.306	33.35	33.83	26.143	520.84
"2010-12-29	13:00:00"	18.86	229.3	11.09	28.43	15.03	231.2	14.42	26.05	58.81	60.22	-1.416	27.96	28.06	26.091	574.59
"2010-12-29	14:00:00"	20.36	231.6	11.11	32.01	16.27	233.4	14.11	27.24	62.24	63.65	-1.407	22.21	22.15	26.039	561.56
"2010-12-29	15:00:00"	21.99	237.8	11.42	35	17.72	239.5	14.2	29.63	63.07	64.3	-1.223	20.36	20.35	26.008	503.33
"2010-12-29	16:00:00"	21.75	238.7	11.55	34.4	17.73	240.5	14.08	28.43	63.54	64.34	-0.799	19.82	20.03	25.991	352.18
"2010-12-29	17:00:00"	20.92	239.4	9.34	33.21	17.23	241.8	11.86	28.43	61.11	61.1	0.006	20.25	21.21	25.986	90.575
"2010-12-29	18:00:00"	17.04	231.3	8.07	27.84	13.39	233	10.98	21.87	59.05	58.66	0.388	21.31	22.74	25.985	14.598
"2010-12-29	19:00:00"	16.62	230.8	8.29	27.24	12.93	232.1	10.95	21.28	57.74	57.2	0.545	21.82	23.51	25.99	0.03775
"2010-12-29	20:00:00"	13.2	233.7	8.64	19.49	10.25	234.7	11.05	16.51	56.11	55.48	0.628	23.79	25.77	25.995	0
"2010-12-29	21:00:00"	12.52	224	9.21	20.68	9.21	225	12	18.3	55.78	55.12	0.667	24.38	26.45	25.993	0
"2010-12-29	22:00:00"	15.88	223.9	9.33	29.63	11.74	225.1	12.43	24.26	57.5	56.92	0.584	23.58	25.42	25.987	0
"2010-12-29	23:00:00"	17.19	218.9	8.58	29.03	12.57	219.7	12.02	26.05	56.67	56.17	0.498	24.36	26.2	25.989	0
"2010-12-30	00:00:00"	20.2	235.4	13.22	37.38	16.39	237.3	15.71	31.42	57.65	57.12	0.53	23.44	25.21	25.979	0
"2010-12-30	01:00:00"	18.93	250.7	11.3	36.78	14.83	253.2	13.26	30.82	56.79	56.19	0.592	23.27	25.15	25.977	0
"2010-12-30	02:00:00"	16.87	247.2	8.3	28.43	13.45	249.9	10.74	27.24	54.59	54.02	0.564	24.47	26.58	25.974	0
"2010-12-30	03:00:00"	15.65	253.9	9.77	23.07	12.03	256.4	11.7	20.68	53.84	53.22	0.617	24.49	26.75	25.982	0
"2010-12-30	04:00:00"	17.39	234.5	12.94	28.43	13.55	236	15.14	22.47	54.5	53.86	0.638	22.54	24.68	25.98	0
"2010-12-30	05:00:00"	15.89	229.9	10.1	25.45	12.34	231	13.03	21.87	52.14	51.41	0.725	24.41	26.89	25.974	0
"2010-12-30	06:00:00"	13.83	241	13.54	24.26	10.89	243.2	15.44	18.89	49.77	49.05	0.719	27.74	30.48	25.978	0
"2010-12-30	07:00:00"	13.72	256.7	12.83	21.28	10.29	259	14.72	19.49	47.92	47.11	0.808	32.37	35.46	25.995	0
"2010-12-30	08:00:00"	12.4	245.4	8.04	19.49	9.68	247.8	10.65	15.91	47.27	46.4	0.867	36.05	39.44	26.005	0.88731
"2010-12-30	09:00:00"	11.21	247	9.9	16.51	8.69	250.5	12.19	14.12	46.93	46.4	0.526	39.18	42.76	26.019	84.81
"2010-12-30	10:00:00"	12.21	245.3	10.42	23.66	10.1	247.9	13.38	20.68	51.16	51.55	-0.389	38.56	40.35	26.022	255.03
"2010-12-30	11:00:00"	20.41	243.2	11.15	37.38	16.73	245.6	13.48	30.82	56.29	57.08	-0.787	32.46	33.25	26.013	403.04
"2010-12-30	12:00:00"	23.81	226	10.22	37.98	18.32	227.3	13.67	29.63	58.54	59.72	-1.172	28.33	28.63	25.998	517.97
"2010-12-30	13:00:00"	23.55	223.5	11.06	34.4	18.07	224.8	14.32	27.84	60.75	62.14	-1.385	24.25	24.23	25.964	576.75
"2010-12-30	14:00:00"	23.67	210	14.08	39.17	17.87	209.4	17.77	30.22	62.21	63.61	-1.399	22.23	22.11	25.924	559.27
"2010-12-30	15:00:00"	22.33	200	11.91	36.19	16.76	198.8	15.68	28.43	62.91	64.18	-1.269	21.42	21.33	25.893	495.64
"2010-12-30	16:00:00"	23.3	217.5	14.82	39.17	17.72	218.5	17.71	32.01	64.49	65.32	-0.832	18.74	18.86	25.867	354.81
"2010-12-30	17:00:00"	21.49	218.6	9.26	33.8	15.97	219.5	12.76	28.43	64.61	64.73	-0.122	18.6	19.14	25.848	122.15
"2010-12-30	18:00:00"	21.16	226.8	18.57	43.35	16.4	228.5	21.24	36.78	63.75	63.29	0.46	22.56	24.38	25.837	7.1632

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2010-12-30	19:00:00"	15.81	225.8	12.53	49.91	11.84	226.8	15.57	39.77	61.36	60.45	0.913	29.22	32.73	25.847	0	0
"2010-12-30	20:00:00"	18.07	271.4	27.79	37.38	11.28	272.4	28.5	22.47	57.78	57.3	0.485	34.36	36.95	25.882	0	0
"2010-12-30	21:00:00"	24.88	290.8	9.46	40.36	15.1	290.9	12.13	31.42	50.18	50.03	0.149	52.26	55.36	25.931	0	0
"2010-12-30	22:00:00"	23.73	283.3	9.37	39.77	15.69	284.5	11.63	30.22	45.92	45.79	0.129	60.15	63.65	25.965	0	0
"2010-12-30	23:00:00"	25.99	282.9	8.81	46.33	17.45	284	11.34	33.8	43.49	43.39	0.097	60.12	64.07	25.987	0	0
"2010-12-31	00:00:00"	26.08	281.1	7.96	39.17	17.72	282.6	11.01	30.22	42.37	42.24	0.132	55.94	60.09	26.014	0	0
"2010-12-31	01:00:00"	24.82	279.6	8.65	39.17	17.16	280.8	11.25	35	40.98	40.78	0.196	50.21	54.46	26.048	0	0
"2010-12-31	02:00:00"	16.67	269.5	12.01	27.24	12.36	271.2	14.08	20.68	38.73	38.53	0.192	55.86	60.3	26.075	0	0
"2010-12-31	03:00:00"	16.13	248.8	11.29	24.26	12.8	250.6	13.51	20.68	37.12	36.78	0.336	48.17	53.08	26.106	0	0
"2010-12-31	04:00:00"	14.27	251.8	15.65	23.07	11.16	253.7	16.96	20.09	35.96	35.51	0.455	41.32	46.38	26.129	0	0
"2010-12-31	05:00:00"	11.05	264.8	13.78	17.7	8.31	266.6	15.02	16.51	34.97	34.53	0.436	37.45	42.15	26.147	0	0
"2010-12-31	06:00:00"	11.76	272.5	9.53	17.1	8.69	273.7	11.8	14.72	33.57	33.41	0.155	35.41	39.69	26.156	0	0
"2010-12-31	07:00:00"	10.07	282.7	10.73	17.1	6.608	284	13.01	12.33	33	32.93	0.075	28.49	32.59	26.17	0	0
"2010-12-31	08:00:00"	11.86	290	8.07	17.7	7.089	290.9	10.48	12.93	33.16	33.17	-0.012	24.79	28.68	26.19	0.31556	0
"2010-12-31	09:00:00"	11.25	283	8.48	17.1	7.525	283.9	11.47	14.12	33.16	33.25	-0.086	23.69	27.45	26.209	10.966	0
"2010-12-31	10:00:00"	11.5	291.7	10.61	17.1	6.936	292.1	12.75	12.33	34.1	34.45	-0.35	23	26.47	26.223	58.318	0
"2010-12-31	11:00:00"	11.14	286.6	12.19	17.1	7.426	287	14.58	14.12	35.79	36.5	-0.708	25.01	28.31	26.249	145.12	0
"2010-12-31	12:00:00"	9.94	285.4	13.58	15.31	6.972	285.2	15.91	13.52	36.4	37.26	-0.864	24.82	27.93	26.259	150.69	0
"2010-12-31	13:00:00"	6.491	278.8	20.69	11.14	4.974	276.9	22.43	9.95	37.35	38.19	-0.842	22.38	25.13	26.253	187.12	0
"2010-12-31	14:00:00"	3.569	256	46.72	11.14	3.718	251.4	49.82	9.35	38.18	38.9	-0.726	21.46	24.14	26.239	198.8	0
"2010-12-31	15:00:00"	5.094	240.1	23.9	10.54	4.603	240.8	31.17	9.95	39.52	40.36	-0.843	20.95	23.42	26.232	208.13	0
"2010-12-31	16:00:00"	7.271	238.4	14.92	11.74	6.174	241.5	17.91	11.74	40.41	41.15	-0.736	22.32	24.71	26.228	140.91	0
"2010-12-31	17:00:00"	9.42	250.1	20.5	17.7	7.396	251.8	22.94	14.12	40.86	41.22	-0.353	25.75	28.29	26.232	49.718	0
"2010-12-31	18:00:00"	12.13	277.9	9.22	18.89	8.62	279.3	11.81	15.31	40.12	40.24	-0.118	34.04	36.81	26.243	10.705	0
"2010-12-31	19:00:00"	8.09	251.9	17.18	12.93	6.104	254.9	18.98	10.54	39.8	39.75	0.05	35.2	38.47	26.259	0.1231	0
"2010-12-31	20:00:00"	7.464	216.5	22.76	11.74	5.485	216	25.68	10.54	39.54	39.37	0.171	31.68	34.84	26.277	0	0
"2010-12-31	21:00:00"	7.154	259.2	11.43	11.74	5.355	261.7	13.67	9.35	40.3	40.07	0.226	37.03	40.34	26.285	0	0
"2010-12-31	22:00:00"	10.09	281.3	9.35	19.49	6.796	282.6	11.62	14.72	40.55	40.34	0.214	38.36	42.03	26.305	0	0
"2010-12-31	23:00:00"	15.26	280.9	12.17	24.86	10.3	282	13.26	20.09	39.79	39.68	0.115	41.2	45.1	26.338	0	0
"2011-01-01	00:00:00"	14.01	322.1	15.7	22.47	9.08	320.6	16.9	15.91	33.86	33.65	0.208	37.38	41.63	26.372	0	0
"2011-01-01	01:00:00"	9.44	330.1	6.821	14.72	6.154	329.1	9.52	11.14	30.39	29.42	0.974	33.72	38.83	26.389	0	0
"2011-01-01	02:00:00"	8.43	333.9	6.395	12.93	5.206	333.1	9.66	8.75	28.53	27.32	1.214	35.58	41.75	26.388	0	0
"2011-01-01	03:00:00"	7.895	323.2	8.32	12.33	4.899	321.4	10.98	9.95	28.13	27.45	0.681	32.57	37.66	26.405	0	0
"2011-01-01	04:00:00"	10.78	331.1	7.275	18.3	7.171	330	10	14.12	26.73	25.77	0.961	32.41	37.89	26.416	0	0
"2011-01-01	05:00:00"	12.4	335.2	7.45	19.49	8.96	333.4	10.36	14.72	25.6	25	0.605	30.25	35.24	26.424	0	0
"2011-01-01	06:00:00"	13.45	339	7.535	20.68	9.84	336.2	9.9	17.1	24.32	23.8	0.524	29.93	34.89	26.43	0	0
"2011-01-01	07:00:00"	12.43	336.6	7.545	17.7	8.91	334.6	9.93	13.52	24.12	23.51	0.61	28.75	33.8	26.456	0	0
"2011-01-01	08:00:00"	11.74	336.8	8.06	17.7	8.31	334.9	10.43	14.12	23.56	22.84	0.717	28.49	33.69	26.486	1.538	0
"2011-01-01	09:00:00"	12.08	335.8	7.625	17.7	8.85	333.5	10.11	13.52	24.28	24.18	0.1	27.91	32.42	26.51	94.762	0
"2011-01-01	10:00:00"	15.27	331.6	8.62	21.28	11.21	329.6	11.04	17.7	29.83	30.61	-0.787	20.58	23.94	26.54	277.26	0
"2011-01-01	11:00:00"	12.23	324.1	17.92	20.09	9.05	322.4	19.27	17.1	33.43	34.95	-1.523	17.48	20.09	26.568	435.06	0
"2011-01-01	12:00:00"	11.4	279.8	23.14	23.66	8.38	280.4	23.15	19.49	36.1	37.98	-1.884	18.51	20.62	26.566	551.3	0
"2011-01-01	13:00:00"	15.13	270.7	13.97	25.45	11.4	272.7	15.52	20.68	38.04	40.15	-2.109	18.97	20.71	26.536	609.27	0
"2011-01-01	14:00:00"	14.69	262.9	14.54	24.86	11.48	264.5	16.77	20.68	39.73	41.84	-2.115	17.27	18.95	26.509	591.54	0
"2011-01-01	15:00:00"	16.19	257.5	11.99	24.26	13.03	259.6	13.78	20.68	40.65	42.32	-1.669	12.95	14.95	26.493	479.24	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-01	16:00:00"	15.55	261.7	13.8	23.07	12.18	263.1	16.02	20.09	41.51	42.77	-1.263	12.12	14.24	26.48	380.99	0	
"2011-01-01	17:00:00"	14.86	267.7	10.48	23.07	11.32	269.1	12.82	19.49	41.44	42.18	-0.735	12.4	14.73	26.482	233.33	0	
"2011-01-01	18:00:00"	10.38	270.7	8.73	17.7	7.561	271.8	10.63	15.31	40.52	40.05	0.475	14.08	17.08	26.489	67.827	0	
"2011-01-01	19:00:00"	7.848	291.7	9.65	9.35	3.742	306.6	14.8	5.771	37.4	32.65	4.744	16.45	22.3	26.502	0.22808	0	
"2011-01-01	20:00:00"	6.574	308.3	11.05	9.35	3.972	342.3	31.72	6.368	34.52	28.77	5.759	18.02	25	26.509	0	0	
"2011-01-01	21:00:00"	6.357	304.9	5.763	8.75	4.414	335.9	11.84	6.368	35.52	28.41	7.113	18.07	25.8	26.518	0	0	
"2011-01-01	22:00:00"	4.266	302.4	18.27	8.75	2.374	310.7	66	5.771	31.69	26.7	4.995	20.63	27.76	26.528	0	0	
"2011-01-01	23:00:00"	8.42	282.5	16.76	13.52	4.295	286.9	25.67	8.16	31.57	27.79	3.78	18.29	24.96	26.545	0	0	
"2011-01-02	00:00:00"	10.91	313.7	10.74	14.12	5.459	326.3	13.53	8.75	29.28	22.77	6.516	19.36	28.62	26.565	0	0	
"2011-01-02	01:00:00"	10.83	317.2	8.1	14.12	5.279	323.6	8.49	8.75	28.48	20.59	7.89	20.97	31.51	26.582	0	0	
"2011-01-02	02:00:00"	8.53	326.9	7.911	12.33	3.833	347	18.7	6.964	26.24	20.4	5.845	23.41	32.79	26.581	0	0	
"2011-01-02	03:00:00"	4.406	330.8	12.72	10.54	1.695	313.3	70.03	4.578	23.14	19.88	3.261	25.85	32.95	26.586	0.0001	0	
"2011-01-02	04:00:00"	7.671	2.496	26.28	11.14	3.888	10.84	34.42	5.771	27.18	18.42	8.76	22.92	34.67	26.589	0	0	
"2011-01-02	05:00:00"	7.247	33.56	16.06	9.35	4.511	15.58	21	6.368	30.24	17.16	13.08	20.59	35.61	26.591	0.00288	0	
"2011-01-02	06:00:00"	8.97	10.28	13.86	12.93	4.617	20.01	22.62	6.964	28.08	19.12	8.96	23.29	35.04	26.586	0.00182	0	
"2011-01-02	07:00:00"	7.967	291.2	25.92	11.74	4.199	284.5	29.27	7.561	22.14	18.4	3.738	28.2	36.42	26.592	0.00211	0	
"2011-01-02	08:00:00"	3.878	273.9	22.66	7.561	2.114	282.2	53.31	5.175	17.05	14.7	2.348	31.92	38.7	26.607	2.8146	0	
"2011-01-02	09:00:00"	6.606	310.1	30.6	9.95	4.044	311.5	32.86	7.561	19.09	18.69	0.395	31.02	36.2	26.596	86.942	0	
"2011-01-02	10:00:00"	5.221	307.4	20.26	8.75	3.432	305.7	22.69	6.368	28.01	28.61	-0.592	24.37	27.96	26.613	216.64	0	
"2011-01-02	11:00:00"	6.654	237.4	24.53	12.93	5.616	239.3	26.67	10.54	35.84	36.9	-1.061	18.71	21.46	26.635	430.28	0	
"2011-01-02	12:00:00"	12.98	199.3	13.43	20.09	10.13	198.7	17.57	17.1	40.64	42.3	-1.665	15.61	17.65	26.635	553.91	0	
"2011-01-02	13:00:00"	13.94	203.3	11.27	19.49	10.73	203.6	14.98	17.1	41.21	42.66	-1.443	14.8	16.85	26.609	441.36	0	
"2011-01-02	14:00:00"	11.44	214.3	12.83	17.1	9.2	214.5	16.32	15.31	43.31	45.07	-1.765	13.62	15.4	26.572	584.43	0	
"2011-01-02	15:00:00"	11.91	221.6	14.21	17.1	9.58	222.5	17.7	14.72	46.96	48.69	-1.726	10.88	12.45	26.545	541.9	0	
"2011-01-02	16:00:00"	11.68	212.1	13.05	17.7	9.04	212.3	16.31	15.91	48.52	49.97	-1.453	9.66	11.21	26.527	415.69	0	
"2011-01-02	17:00:00"	11.38	199.9	11.09	16.51	8.63	197.5	14.93	13.52	48.29	49.06	-0.767	9.88	11.68	26.519	252.18	0	
"2011-01-02	18:00:00"	9.11	199.3	6.677	12.93	6.061	199	10.22	10.54	45.37	44.55	0.818	10.41	13.15	26.508	70.29	0	
"2011-01-02	19:00:00"	9.14	184.1	5.676	12.33	5.279	181	10.54	7.561	41.83	38.92	2.908	13.36	17.41	26.501	0.41541	0	
"2011-01-02	20:00:00"	8.25	176.8	6.135	12.93	4.215	170.4	7.891	8.16	38.03	34.64	3.394	16.18	20.94	26.504	0	0	
"2011-01-02	21:00:00"	9.26	181.7	7.055	11.74	5.313	181.1	11.46	8.16	33.88	31.29	2.592	22.54	27.31	26.503	0	0	
"2011-01-02	22:00:00"	7.323	193	5.774	9.35	4.025	208.5	9.75	5.771	32.14	28.73	3.403	26.4	31.56	26.505	0	0	
"2011-01-02	23:00:00"	7.375	207.6	8.48	9.95	4.47	218.9	14.55	5.771	34.48	30.73	3.748	28.38	33.16	26.503	0	0	
"2011-01-03	00:00:00"	7.406	199.3	4.018	9.35	3.99	197.6	8.68	5.175	34.56	30.78	3.786	32.49	37.54	26.494	0	0	
"2011-01-03	01:00:00"	7.3	205.9	5.218	8.75	4.127	214.7	11.45	5.175	33.2	29.43	3.769	38.72	44.91	26.477	0	0	
"2011-01-03	02:00:00"	6.072	211.8	7.393	9.95	3.841	223.4	8.75	6.368	33.47	30.93	2.533	42.89	49.83	26.457	0	0	
"2011-01-03	03:00:00"	5.663	211.9	7.041	7.561	3.577	223.8	8.75	5.175	32.7	30.32	2.379	45.88	52.97	26.444	0	0	
"2011-01-03	04:00:00"	5.649	207.5	13.61	8.75	3.576	218.3	20.35	5.175	32.77	30.43	2.336	47.1	54.36	26.439	0	0	
"2011-01-03	05:00:00"	6.688	198.9	7.125	9.95	3.966	204.4	8.44	6.368	31.69	29.01	2.678	50.14	57.9	26.424	0	0	
"2011-01-03	06:00:00"	5.517	214.7	8.84	8.16	3.659	231.6	13.7	5.175	30.66	28.41	2.253	53.4	61.06	26.414	0	0	
"2011-01-03	07:00:00"	5.312	244.3	25.73	7.561	3.418	266.7	32.74	5.175	32.45	28.84	3.607	52.05	61.26	26.413	0	0	
"2011-01-03	08:00:00"	5.571	245.2	18.89	8.16	3.067	257.2	33.71	5.175	32.55	28.06	4.486	51.59	62.15	26.422	0.90659	0	
"2011-01-03	09:00:00"	2.12	281.9	12.47	6.368	3.142	322.1	20.04	5.175	31.74	26.21	5.533	53.16	65.61	26.428	32.866	0	
"2011-01-03	10:00:00"	5.263	254.8	9.66	7.561	3.557	259.5	14.04	6.368	33.33	32.5	0.822	50.52	56.11	26.448	105.26	0	
"2011-01-03	11:00:00"	5.985	245.1	11.91	8.75	5.181	246.4	14.27	7.561	36.08	36.52	-0.443	46.76	50.39	26.458	172.39	0	
"2011-01-03	12:00:00"	5.602	233.5	14.2	8.16	4.915	234.2	17.85	7.561	40.51	41.38	-0.876	38.68	41.11	26.453	329.64	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-03	13:00:00"	6.443	226.3	18.37	11.74	5.451	227.2	22.54	9.95	45.97	46.92	-0.948	30.51	32.19	26.422	303.58	0	
"2011-01-03	14:00:00"	7.825	215.4	12.6	12.33	6.364	216.1	16.3	11.14	49.53	50.56	-1.033	27.46	28.75	26.391	297.63	0	
"2011-01-03	15:00:00"	11	215.9	17.63	19.49	8.78	215	21.79	15.91	54.22	55.2	-0.978	24.73	25.63	26.366	303.15	0	
"2011-01-03	16:00:00"	11.27	204.8	13.49	17.1	8.8	204.2	17.98	14.12	55.27	56.33	-1.062	23.72	24.48	26.36	348.16	0	
"2011-01-03	17:00:00"	12.5	192.5	10.41	18.3	9.45	190.3	13.95	14.72	56.59	57.21	-0.618	22.71	23.63	26.358	235.58	0	
"2011-01-03	18:00:00"	8.94	187.4	11.93	17.1	5.98	183.8	16.87	13.52	55.22	54.35	0.861	23.69	25.8	26.361	64.417	0	
"2011-01-03	19:00:00"	7.831	187	7.82	14.12	4.383	187	12.4	9.35	50.38	47.87	2.507	27.38	31.44	26.369	0.42474	0	
"2011-01-03	20:00:00"	7.987	188.4	10.18	12.93	4.701	191.7	20.13	9.95	47.37	44.98	2.388	29.98	34.45	26.381	0	0	
"2011-01-03	21:00:00"	4.938	237.5	13.93	8.16	2.921	269.7	20.07	5.175	47.31	44.08	3.229	30.17	35.54	26.4	0	0	
"2011-01-03	22:00:00"	7.737	202.9	5.777	10.54	4.17	208.5	12.45	5.771	47.78	42.92	4.858	29.53	36.59	26.403	0	0	
"2011-01-03	23:00:00"	7.872	195.4	7.628	10.54	4.259	198.8	13.94	5.771	45.69	40.78	4.916	31	38.31	26.416	0	0	
"2011-01-04	00:00:00"	6.792	212.6	13.57	8.16	4.119	221.3	20.66	5.175	43.31	38.77	4.549	33.06	40.86	26.423	0	0	
"2011-01-04	01:00:00"	7.649	264.6	12.54	9.95	4.261	277.6	14.64	6.368	43.17	37.84	5.33	33.04	41.86	26.427	0	0	
"2011-01-04	02:00:00"	7.883	298.1	10.52	10.54	3.429	301.2	15.64	5.771	42.33	36.42	5.91	34.14	44.36	26.423	0	0	
"2011-01-04	03:00:00"	8.7	321.8	13.67	11.14	3.913	323.5	19.78	5.771	41.11	35.16	5.943	36.05	47.42	26.428	0	0	
"2011-01-04	04:00:00"	8.57	359	12.3	12.33	4.684	11.4	26.83	8.16	38.44	33.28	5.165	40.1	51.61	26.432	0	0	
"2011-01-04	05:00:00"	9.78	0.529	9.46	12.33	5.128	3.561	13.55	8.16	38.49	33.51	4.987	40.12	52.07	26.429	0	0	
"2011-01-04	06:00:00"	14.29	16.74	7.087	18.89	10.09	13.83	14.54	15.91	34.44	33.28	1.155	40.74	47.62	26.439	0	0	
"2011-01-04	07:00:00"	15.6	24.14	5.706	20.68	11.79	24.05	11.46	17.1	28.56	28.09	0.472	46.25	52.3	26.458	0	0	
"2011-01-04	08:00:00"	15.18	22.35	5.83	21.28	11.27	21.43	12.48	16.51	24.77	24.42	0.351	54.38	60.56	26.464	1.2338	0	
"2011-01-04	09:00:00"	12.12	20.08	8.89	18.3	9.11	17.61	15.5	15.31	24.42	24.54	-0.118	56.48	62.06	26.485	92.982	0	
"2011-01-04	10:00:00"	9.8	28.86	11.86	15.31	7.804	27.01	16.54	12.93	29.01	30.06	-1.045	49.54	53.24	26.511	261.62	0	
"2011-01-04	11:00:00"	6.125	38.1	16.12	10.54	5.05	36.32	19.93	9.35	35.11	36.65	-1.537	40.83	43.15	26.528	420.07	0	
"2011-01-04	12:00:00"	5.068	62.1	27.38	9.35	4.093	62.96	32.77	8.16	41.16	42.66	-1.497	33.78	35.6	26.517	536.17	0	
"2011-01-04	13:00:00"	3.439	82.2	49.89	7.561	3.097	85.9	55.44	6.964	47.36	48.56	-1.205	28.12	29.63	26.477	597.77	0	
"2011-01-04	14:00:00"	4.222	209.9	41.73	9.95	3.626	210.3	50.51	9.95	52.17	53.22	-1.051	24.26	25.34	26.434	583.35	0	
"2011-01-04	15:00:00"	6.647	220.1	27.85	11.74	5.495	222.3	35.5	10.54	55.34	56.75	-1.406	22.42	22.98	26.408	506.14	0	
"2011-01-04	16:00:00"	8.54	209	19.2	15.31	6.873	209	23.36	12.33	57.11	58.28	-1.166	21.83	22.36	26.394	365.76	0	
"2011-01-04	17:00:00"	9.57	207	11.7	13.52	7.248	207.6	14.96	11.74	57.28	57.75	-0.47	21.75	22.74	26.391	174.19	0	
"2011-01-04	18:00:00"	7.466	193.8	5.191	13.52	4.664	192.1	7.354	11.14	53.86	52.9	0.959	23.88	26.19	26.391	50.422	0	
"2011-01-04	19:00:00"	6.385	207.7	9.89	8.75	3.157	204.9	8.15	5.175	50.26	47.39	2.865	27.13	31.27	26.392	0.31883	0	
"2011-01-04	20:00:00"	8.03	222.3	9.8	11.74	4.762	223	14.92	7.561	48.18	44.77	3.412	29.04	34.14	26.408	0	0	
"2011-01-04	21:00:00"	8.32	256.5	8.52	11.74	4.93	260.6	9.91	9.35	44.74	41.7	3.043	31.98	37.48	26.425	0	0	
"2011-01-04	22:00:00"	10.42	299.8	18.05	14.72	5.196	303.7	18.75	9.35	41.77	39.01	2.759	33.25	39.51	26.437	0	0	
"2011-01-04	23:00:00"	10.53	323.2	5.312	13.52	5.814	322.4	8.7	9.35	39.57	37.22	2.348	33.16	39.16	26.445	0	0	
"2011-01-05	00:00:00"	11.01	317.8	6.246	14.12	5.633	316.3	9.15	9.35	39.15	36.64	2.506	32.78	39.16	26.445	0	0	
"2011-01-05	01:00:00"	12.64	317.1	6.63	16.51	7.223	316.5	9.88	12.33	37.71	36.36	1.341	33.16	38.06	26.44	0	0	
"2011-01-05	02:00:00"	13.66	326.3	6.198	17.1	8.97	325.9	9.71	13.52	37.9	36.72	1.184	33.75	38.42	26.431	0	0	
"2011-01-05	03:00:00"	12.36	324.4	5.438	17.1	7.77	324.8	9.31	12.33	34.99	33.73	1.262	36.72	42.45	26.435	0	0	
"2011-01-05	04:00:00"	12.62	324.3	7.282	18.3	7.826	324.4	10.25	13.52	32.39	31.01	1.376	39.93	46.77	26.439	0	0	
"2011-01-05	05:00:00"	14.79	334.7	9.62	23.07	10.17	333.5	11.86	18.89	35.98	34.84	1.136	38.04	43.67	26.441	0	0	
"2011-01-05	06:00:00"	12.46	320.2	10.23	21.28	7.611	318.1	12.64	17.1	34.36	33.25	1.11	41.31	47.6	26.44	0	0	
"2011-01-05	07:00:00"	16.79	325.5	7.6	23.07	11.42	324.3	10.34	17.7	35.41	34.48	0.929	39.96	45.7	26.442	0	0	
"2011-01-05	08:00:00"	12.69	324.4	6.366	18.3	8.13	323.6	9.59	13.52	30.73	29.53	1.197	46.48	53.53	26.458	1.709	0	
"2011-01-05	09:00:00"	14	323.6	7.511	21.87	9.28	322.5	10.22	17.1	33.1	32.54	0.569	42.63	48.32	26.489	100.2	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-05	10:00:00"	14.53	322	14.19	20.68	9.77	321	15.53	17.1	39.64	40.27	-0.628	33.8	36.39	26.506	278.65	0	
"2011-01-05	11:00:00"	15.58	326.1	11.84	23.66	10.96	324.8	13.67	17.7	46.56	47.87	-1.311	25.35	26.86	26.526	437.48	0	
"2011-01-05	12:00:00"	15.05	318.8	10.15	23.66	10.2	317.7	12.91	20.68	51.52	53.24	-1.722	18.44	19.43	26.516	551.76	0	
"2011-01-05	13:00:00"	12.42	299.8	14.82	19.49	7.972	299.5	16.93	16.51	55.26	56.95	-1.692	13.31	14.13	26.49	526.25	0	
"2011-01-05	14:00:00"	14.61	292.7	13.26	21.28	9.2	292.8	15.37	17.7	58.17	60.08	-1.904	10.28	10.87	26.456	566.35	0	
"2011-01-05	15:00:00"	15.29	281.7	11.82	23.66	10.67	282.3	14.3	18.89	59.38	60.98	-1.598	8.44	9.07	26.435	462.36	0	
"2011-01-05	16:00:00"	13.21	281.9	10.82	19.49	9.17	283.2	12.85	17.1	60.08	61	-0.917	8.13	8.92	26.429	290.56	0	
"2011-01-05	17:00:00"	10.02	274.7	8.01	17.1	7.053	276	10.45	12.93	58.75	58.3	0.456	8.67	10.09	26.436	94.777	0	
"2011-01-05	18:00:00"	6.994	254.8	9.17	11.74	4.527	254.3	11.74	8.16	55.9	53.89	2.011	9.46	11.97	26.441	28.328	0	
"2011-01-05	19:00:00"	8.07	269.4	12.14	11.74	4.63	269.7	16.03	9.35	52.76	49.29	3.473	9.85	13.33	26.447	0.20682	0	
"2011-01-05	20:00:00"	9.77	299.4	9.72	12.33	3.92	304.1	13.52	6.368	47.5	42.69	4.804	13.6	18.49	26.457	0	0	
"2011-01-05	21:00:00"	9.87	307	5.195	12.93	4.054	307.9	8.78	6.368	42.51	39.48	3.029	17.43	22.27	26.463	0	0	
"2011-01-05	22:00:00"	9.09	298.4	8.8	11.74	3.622	298.3	12.86	6.368	41.46	38.08	3.385	19.32	24.5	26.457	0	0	
"2011-01-05	23:00:00"	11.3	302.1	7.619	15.31	4.843	306.2	12.2	7.561	41.17	37.68	3.492	19.38	25.1	26.453	0	0	
"2011-01-06	00:00:00"	11.88	309.1	7.695	16.51	5.987	311	10.78	11.14	40.06	38.27	1.791	20.02	24.45	26.457	0	0	
"2011-01-06	01:00:00"	12.68	307.2	7.632	17.1	6.451	307.4	10.97	11.14	38.21	37.09	1.126	21.93	25.96	26.465	0	0	
"2011-01-06	02:00:00"	11.81	308.1	7.501	15.31	5.921	308.3	10.87	9.95	38.66	37.31	1.355	22.99	27.19	26.475	0	0	
"2011-01-06	03:00:00"	10.86	307	7.528	15.31	5.24	307.1	11.43	8.75	38.18	36.79	1.391	24.59	28.96	26.488	0	0	
"2011-01-06	04:00:00"	12.33	321	8.02	17.1	7.805	321.3	10.21	12.33	37.74	36.69	1.051	25.11	29.26	26.489	0	0	
"2011-01-06	05:00:00"	13.65	335.2	6.809	20.09	9.61	333.8	9.53	18.3	37.83	36.96	0.877	28.18	32.14	26.489	0	0	
"2011-01-06	06:00:00"	13.01	334.6	7.207	21.28	9.16	332.4	9.84	17.1	38.76	37.91	0.845	31.25	35.23	26.506	0	0	
"2011-01-06	07:00:00"	11.92	344.5	11.01	15.91	8.32	341.6	12.15	12.33	35.57	34.75	0.82	34.52	38.91	26.511	0	0	
"2011-01-06	08:00:00"	12.95	0.82	13.32	17.1	9.19	355.6	14.19	15.31	33.01	32.42	0.585	36.62	41.34	26.518	1.3689	0	
"2011-01-06	09:00:00"	10.86	6.426	11.4	15.91	8.02	0.756	15.16	12.93	32.85	32.68	0.167	37.41	41.71	26.529	48.597	0	
"2011-01-06	10:00:00"	9.91	10.01	9.56	14.12	7.667	6.107	15	11.74	35.78	36.18	-0.405	36.23	39.36	26.552	155.58	0	
"2011-01-06	11:00:00"	9.03	24.25	14.74	12.93	7.232	22	18.94	11.14	40.43	41.66	-1.23	33.14	35.53	26.571	334.17	0	
"2011-01-06	12:00:00"	4.731	81.6	33.45	9.95	3.984	81.7	31.39	8.75	44.45	45.57	-1.116	29.7	31.52	26.578	422.86	0	
"2011-01-06	13:00:00"	1.887	159.7	68.3	6.368	2.473	160.4	67.91	6.964	47.79	48.49	-0.704	26.01	27.74	26.557	504.67	0	
"2011-01-06	14:00:00"	3.114	249.9	51.61	7.561	2.912	244	61.7	6.368	51.43	52.39	-0.963	22.28	23.5	26.519	460.31	0	
"2011-01-06	15:00:00"	3.813	241.3	55.29	8.75	3.413	240.4	56.31	7.561	53.64	54.72	-1.072	20.35	21.34	26.489	428.89	0	
"2011-01-06	16:00:00"	5.741	225.9	26.09	11.14	4.707	227.6	31.9	8.75	54.68	55.43	-0.743	19.35	20.45	26.476	260.52	0	
"2011-01-06	17:00:00"	8.15	214.8	9.88	12.33	6.039	215.6	13.51	10.54	54.6	54.74	-0.135	19.19	20.68	26.468	132.28	0	
"2011-01-06	18:00:00"	6.516	205.5	11.25	9.95	3.613	205.6	11.61	5.771	52.68	50.24	2.435	20.26	23.72	26.448	33.851	0	
"2011-01-06	19:00:00"	3.811	187	17.81	7.561	1.904	188.3	50.93	3.982	49.04	46.94	2.104	22.63	26.56	26.444	0.152	0	
"2011-01-06	20:00:00"	3.354	201.2	13.6	5.771	1.771	151.3	96.2	3.982	48.05	45.19	2.854	23.28	28.22	26.447	0	0	
"2011-01-06	21:00:00"	6.044	234.7	9.32	8.16	3.673	236	15.43	5.175	46.84	43.41	3.43	24.15	29.34	26.436	0	0	
"2011-01-06	22:00:00"	7.697	251.5	4.383	9.95	4.335	261.7	6.5	6.368	45.84	41.56	4.27	24.56	30.85	26.427	0	0	
"2011-01-06	23:00:00"	7.067	245.9	4.917	8.75	3.948	255.2	8.75	5.771	44.99	41.08	3.912	25.29	31.34	26.419	0	0	
"2011-01-07	00:00:00"	5.875	259	7.388	6.964	3.507	269.5	14.69	5.771	44.77	41.72	3.047	25.49	30.81	26.413	0	0	
"2011-01-07	01:00:00"	6.699	280.8	14.18	9.35	2.924	294.8	13.3	3.982	43.03	37.64	5.39	26.23	34.18	26.401	0	0	
"2011-01-07	02:00:00"	9.17	302.6	3.563	11.14	3.43	304.8	10.87	5.175	41.9	34.81	7.092	26.18	36.21	26.376	0	0	
"2011-01-07	03:00:00"	8.3	292	7.862	11.74	3.02	296.3	12.3	5.175	43.85	35.78	8.07	24.77	35.2	26.371	0	0	
"2011-01-07	04:00:00"	10.15	316.1	8.85	12.93	4.627	319	11.82	6.964	41.98	36.81	5.173	26.51	34.82	26.37	0	0	
"2011-01-07	05:00:00"	8.08	291.6	29.09	12.33	4.498	284.4	36.99	7.561	39.16	36.52	2.639	28.77	34.64	26.35	0	0	
"2011-01-07	06:00:00"	8.07	321.4	15.54	9.95	3.739	325.7	23.92	5.771	37.28	34.84	2.437	30.59	36.65	26.324	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-07	07:00:00"	8.03	347.4	11.5	10.54	4.256	348.4	17.96	6.368	41.25	37.99	3.259	28.23	34.78	26.313	0	0
"2011-01-07	08:00:00"	3.211	230.3	32.34	7.561	2.554	189.1	45.7	5.175	35.12	32.53	2.593	33.22	39.93	26.317	0.86839	0
"2011-01-07	09:00:00"	4.988	294.3	25.99	8.16	2.695	311.1	30.39	5.771	37.33	33.88	3.447	31.92	39.6	26.324	47.916	0
"2011-01-07	10:00:00"	4.414	267.1	38.83	9.35	2.691	267.8	48.64	5.175	43.8	42.86	0.936	27.92	32	26.335	95.554	0
"2011-01-07	11:00:00"	3.698	272.6	18.8	8.75	3.189	270.4	19.72	8.75	46.12	46.83	-0.704	26.87	28.92	26.341	260.67	0
"2011-01-07	12:00:00"	6.562	284.9	20.48	10.54	4.877	283.2	22.67	9.35	54.32	55.86	-1.541	20.68	21.43	26.328	526.02	0
"2011-01-07	13:00:00"	8.27	292.9	15.09	12.93	5.7	292.3	17.75	11.74	58.9	60.34	-1.431	17.86	18.28	26.286	385.93	0
"2011-01-07	14:00:00"	8.74	303.9	35.35	14.72	6.538	302.4	35.37	12.33	60.83	61.94	-1.104	17.42	17.91	26.252	301.4	0
"2011-01-07	15:00:00"	9.66	307.5	22.66	16.51	6.974	306.4	24.21	13.52	61.65	63.3	-1.652	18.09	18.09	26.243	481.8	0
"2011-01-07	16:00:00"	11.97	308.6	28.32	21.28	8.47	308.1	27.49	16.51	64.12	65.51	-1.382	16.29	16.28	26.235	401.71	0
"2011-01-07	17:00:00"	13.92	5.939	17.08	21.87	10.66	2.092	20.63	18.3	62.57	63.1	-0.536	16.06	16.82	26.243	227.44	0
"2011-01-07	18:00:00"	15.9	31.87	8.12	24.26	12.12	30.5	11.86	20.09	57.01	56.59	0.426	19.78	21.89	26.264	82.796	0
"2011-01-07	19:00:00"	10.61	38.16	6.14	18.3	7.105	36.72	9.55	14.12	51.15	49.53	1.622	24.12	27.92	26.278	0.96804	0
"2011-01-07	20:00:00"	9.66	36.74	6.852	12.33	6.068	34.19	11.24	9.95	45.57	43.37	2.196	29.15	34.61	26.296	0	0
"2011-01-07	21:00:00"	11.36	46.04	8.84	16.51	7.601	43.8	11.35	12.93	42.77	41.46	1.316	32.33	36.95	26.315	0	0
"2011-01-07	22:00:00"	11.81	49.6	6.749	15.31	7.979	47.68	9.63	11.74	39.72	38.68	1.043	35.54	40.34	26.33	0	0
"2011-01-07	23:00:00"	11.01	54.09	6.534	14.12	7.253	52.34	9.17	10.54	37.33	36.19	1.142	39.23	45.22	26.337	0	0
"2011-01-08	00:00:00"	10.46	57.54	6.152	13.52	6.638	55.17	9.34	9.95	36.28	34.93	1.349	42.25	48.9	26.329	0	0
"2011-01-08	01:00:00"	10.3	64.01	6.112	14.12	6.532	60.36	9.51	9.35	35.48	33.99	1.484	46.01	52.88	26.318	0	0
"2011-01-08	02:00:00"	9.39	50.28	8.68	11.74	5.779	46.38	10.36	8.75	34.06	32.35	1.711	51.36	58.81	26.314	0	0
"2011-01-08	03:00:00"	9.19	43.33	5.55	11.74	5.544	40.11	8.88	8.16	32.64	30.82	1.814	56.14	63.8	26.311	0	0
"2011-01-08	04:00:00"	7.66	28.08	7.876	9.35	4.585	15.55	11.23	6.368	31.52	28.62	2.894	59.76	68.83	26.31	0	0
"2011-01-08	05:00:00"	9.17	23.73	4.209	11.14	5.124	20.14	8.35	6.964	32.3	28.3	3.997	60.64	72.27	26.296	0	0
"2011-01-08	06:00:00"	8.58	27.62	4.351	10.54	5.149	24.87	8.34	6.964	30.54	27.73	2.805	64.01	74.08	26.283	0	0
"2011-01-08	07:00:00"	8.3	37.81	5.171	9.95	4.924	32.54	11.66	6.964	30.24	26.93	3.306	65.5	75.34	26.281	0	0
"2011-01-08	08:00:00"	7.309	35.21	3.98	9.35	4.564	26.67	8.53	5.771	30.28	27.34	2.938	67.15	76.94	26.286	1.7676	0
"2011-01-08	09:00:00"	6.767	56.52	9.96	9.35	4.471	51.11	10.33	6.368	33.17	32.43	0.732	64.04	70.38	26.29	49.658	0
"2011-01-08	10:00:00"	7.561	121.8	33.03	13.52	5.888	117.8	37.08	11.74	39.37	39.7	-0.334	53.69	57.47	26.309	175.38	0
"2011-01-08	11:00:00"	12.19	154.8	13.06	18.89	9.81	151.9	14.56	15.91	46.12	46.92	-0.801	42.59	44.83	26.311	406.38	0
"2011-01-08	12:00:00"	14.38	148	11.07	20.68	11.51	145.8	11.87	17.1	48.85	49.87	-1.019	38.75	40.11	26.28	390.09	0
"2011-01-08	13:00:00"	16.23	153	12.3	23.66	12.91	150.2	12.89	19.49	51.09	52.23	-1.138	33.02	34.06	26.228	504.2	0
"2011-01-08	14:00:00"	15.1	160.9	14.39	21.87	12.13	157.9	16.07	18.89	53.94	55.38	-1.444	29.42	29.94	26.18	588.65	0
"2011-01-08	15:00:00"	13.45	162.6	13.02	20.68	10.86	158.8	14.48	18.3	56.28	57.72	-1.437	26.18	26.55	26.146	524.93	0
"2011-01-08	16:00:00"	11.49	179	14.26	18.89	9.11	176.6	17.57	15.91	56.46	57.75	-1.288	25.56	25.97	26.138	404.85	0
"2011-01-08	17:00:00"	10.5	193.9	14.17	16.51	8.16	192.6	18.43	14.72	56.3	57.15	-0.852	26.09	26.84	26.141	248.52	0
"2011-01-08	18:00:00"	10.05	192	11.35	15.31	7.367	191.1	14.81	13.52	54.84	54.9	-0.059	26.97	28.49	26.144	76.714	0
"2011-01-08	19:00:00"	6.135	170.7	6.936	10.54	3.32	155.9	21.07	7.561	51.04	48.78	2.266	30.48	34.31	26.139	0.43941	0
"2011-01-08	20:00:00"	6.039	150.4	10.37	8.75	3.341	115.1	20.21	4.578	50.27	45.56	4.712	31.04	37.58	26.138	0	0
"2011-01-08	21:00:00"	5.909	145.6	12.44	7.561	2.479	117	22.61	3.982	49.61	45.23	4.385	31.01	37.87	26.139	0	0
"2011-01-08	22:00:00"	6.627	138.5	21.75	11.14	3.401	129.9	25.41	6.964	48.15	45.75	2.398	32.93	37.74	26.148	0	0
"2011-01-08	23:00:00"	7.059	137.8	8.33	9.95	4.131	133	10.55	6.964	44.82	43.48	1.341	39.08	43.9	26.141	0	0
"2011-01-09	00:00:00"	6.377	193.9	21.77	8.75	3.377	202.7	25.04	5.175	44.4	42.18	2.22	39.91	46.32	26.126	0	0
"2011-01-09	01:00:00"	6.413	225.6	7.61	8.75	3.768	229	10.4	5.175	45.24	42.81	2.428	34.88	40.98	26.107	0	0
"2011-01-09	02:00:00"	7.871	228.6	12.29	15.31	5.176	229.4	14.61	9.35	42.73	40.57	2.165	38.75	44.61	26.092	0	0
"2011-01-09	03:00:00"	7.05	244.8	7.399	9.95	4.386	247.2	9.99	6.964	39.73	37.37	2.352	47.81	54.53	26.095	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-09	04:00:00"	4.539	241.9	13.91	8.16	2.966	250.5	17.11	5.771	39.29	37.1	2.188	48.39	55.72	26.094	0	0
"2011-01-09	05:00:00"	7.423	239.2	13.13	9.35	4.649	240.1	16.42	5.771	38.93	34.34	4.59	46.17	58	26.082	0	0
"2011-01-09	06:00:00"	8.02	279.5	17.44	12.93	3.648	281	19.94	6.368	37.02	32.15	4.865	45.01	58.54	26.068	0	0
"2011-01-09	07:00:00"	10.97	305.5	7.392	15.31	5.059	305.7	10.6	9.35	33.9	32.26	1.641	47.36	55.22	26.075	0	0
"2011-01-09	08:00:00"	9.78	307.7	5.756	13.52	4.466	308.6	9.41	8.75	33.6	31.81	1.786	47.95	55.61	26.097	1.2946	0
"2011-01-09	09:00:00"	7.247	306.9	8.65	9.95	3.524	311.1	16.02	6.964	35.39	34.1	1.291	47.15	53.95	26.14	93.598	0
"2011-01-09	10:00:00"	7.193	265.8	27.85	10.54	5.394	266.4	28.51	8.75	42.75	43.46	-0.709	39.25	41.76	26.171	265.65	0
"2011-01-09	11:00:00"	10.98	237.1	14.25	17.7	9.22	238.9	17.31	17.1	51.09	52.08	-0.983	31.39	32.64	26.19	421.21	0
"2011-01-09	12:00:00"	12.16	225.8	23.65	20.68	9.86	226.9	25.42	17.1	54.79	56.25	-1.468	27.53	28.06	26.193	538.89	0
"2011-01-09	13:00:00"	14.29	261.7	14.22	23.07	11.23	264	16.12	20.09	58.55	60.41	-1.853	22.67	22.68	26.156	598.91	0
"2011-01-09	14:00:00"	14.18	259.5	14.27	21.87	11.23	261.3	16.16	19.49	60.17	62.03	-1.859	22.21	22.02	26.121	586.74	0
"2011-01-09	15:00:00"	14.1	257.2	15.04	23.66	11.29	258.7	16.72	19.49	61.44	63.22	-1.778	22.06	21.8	26.113	532.66	0
"2011-01-09	16:00:00"	16.24	266.5	12.29	26.65	12.27	268	14.22	22.47	62.94	64.3	-1.364	20.74	20.63	26.12	412.7	0
"2011-01-09	17:00:00"	17.55	263.4	10.43	25.45	13.37	265.2	12.55	20.68	63.16	63.78	-0.624	19.92	20.27	26.126	247.12	0
"2011-01-09	18:00:00"	12.48	263.1	7.188	20.68	9.4	265.4	9.69	19.49	60.84	60.37	0.471	21.23	22.55	26.132	59.111	0
"2011-01-09	19:00:00"	8.15	262.5	9.26	12.93	5.24	261.9	11.09	9.95	57.06	54.76	2.307	22.79	25.89	26.145	0.74903	0
"2011-01-09	20:00:00"	9.82	250.7	19.47	16.51	6.399	251.5	22.48	14.12	53.2	51.3	1.904	25.16	28.51	26.171	0	0
"2011-01-09	21:00:00"	6.116	270.3	19.09	11.74	3.45	267	32.13	9.35	50.69	47.47	3.228	27.43	32.2	26.186	0	0
"2011-01-09	22:00:00"	6.526	280.2	14.84	9.35	2.874	281.2	29.38	5.771	48.78	43.93	4.848	29.58	36.03	26.192	0	0
"2011-01-09	23:00:00"	7.01	277.7	9.62	9.95	3.343	283.6	23.95	6.368	47.58	42.9	4.683	31.44	38.03	26.193	0	0
"2011-01-10	00:00:00"	7.073	288.2	8.43	9.35	3.137	293	23.4	5.771	45.47	39.13	6.349	33.86	43.13	26.188	0	0
"2011-01-10	01:00:00"	7.986	265.6	7.321	13.52	4.863	264.1	11.41	8.75	45.48	42.27	3.205	34.01	40.16	26.189	0	0
"2011-01-10	02:00:00"	11.12	260.7	7.278	16.51	7.254	262.2	9.3	11.74	47.99	45.75	2.241	31.29	35.96	26.193	0	0
"2011-01-10	03:00:00"	11.42	255.9	14.05	18.3	7.876	256.2	16.83	14.12	47.55	45.63	1.924	31.62	36.04	26.202	0	0
"2011-01-10	04:00:00"	9.94	245.9	9.94	13.52	6.348	247.9	12.1	11.74	43.48	41.03	2.45	35.65	41.51	26.208	0	0
"2011-01-10	05:00:00"	8.67	247.5	6.307	12.33	5.349	252.2	9.32	7.561	43.29	39.71	3.587	35.92	43.19	26.217	0	0
"2011-01-10	06:00:00"	10.68	347.1	46.71	15.31	6.663	347.7	41.34	12.93	38.84	35.47	3.369	42.61	51.31	26.236	0	0
"2011-01-10	07:00:00"	13.05	22.16	5.794	16.51	9.56	21.63	12	13.52	30.99	30.47	0.52	60.18	65.89	26.263	0	0
"2011-01-10	08:00:00"	13.15	24.92	6.06	17.7	9.94	24.79	11.62	14.72	26.94	26.71	0.234	73.63	79.22	26.293	1.26	0
"2011-01-10	09:00:00"	13.39	29.81	7.355	20.68	10.55	29.73	11.69	16.51	29.41	29.53	-0.115	86.5	91.6	26.337	28.835	0
"2011-01-10	10:00:00"	15.21	35.76	8.3	22.47	11.72	34.84	11.94	19.49	35.06	35.73	-0.664	84.6	87.1	26.38	147.94	0
"2011-01-10	11:00:00"	15.71	51.84	14.16	21.87	12.33	50.22	15.94	18.89	38.76	40.07	-1.314	72.11	73.66	26.401	419.16	0
"2011-01-10	12:00:00"	13.11	58.58	13.73	18.89	10.48	57.29	15.75	17.1	39.9	41.61	-1.706	68.36	69.06	26.406	487.69	0
"2011-01-10	13:00:00"	11.47	55.81	16.58	17.1	9.33	54.83	18.89	15.31	40.44	42.54	-2.101	65.38	65.19	26.4	578.94	0
"2011-01-10	14:00:00"	11.11	54.13	14.93	16.51	9.13	52.61	16.72	14.72	41.95	44.12	-2.177	60.62	60.22	26.386	580.45	0
"2011-01-10	15:00:00"	11.64	47.11	15.23	17.1	9.52	45.73	17.28	15.31	44.16	46.25	-2.089	53.49	53.3	26.381	525.86	0
"2011-01-10	16:00:00"	12.64	46.29	13.6	20.09	10.14	44.83	15.75	17.1	45.34	47.07	-1.732	48.61	49.05	26.398	413.25	0
"2011-01-10	17:00:00"	16.62	52.96	12.34	26.65	13.07	51.86	13.81	22.47	44.25	45.24	-0.988	48.38	50.07	26.422	250.48	0
"2011-01-10	18:00:00"	20.86	40.13	7.821	29.03	16.27	38.66	10.29	25.45	35.77	36.07	-0.305	58.87	62.52	26.451	73.924	0
"2011-01-10	19:00:00"	19.96	44.39	7.595	27.24	15.47	43.4	9.85	23.07	30.47	30.44	0.022	65.37	70.22	26.484	0.86185	0
"2011-01-10	20:00:00"	21.47	41.71	7.918	29.63	16.75	40.06	10.63	25.45	28.85	28.98	-0.125	62.7	67.58	26.52	0	0
"2011-01-10	21:00:00"	20.53	37.38	8.29	30.22	16.15	35.89	11.41	25.45	27.56	27.73	-0.173	57.81	62.76	26.573	0	0
"2011-01-10	22:00:00"	19.31	34.51	8.59	28.43	15.07	33.6	12.15	23.66	25.21	25.37	-0.16	52.54	57.81	26.635	0	0
"2011-01-10	23:00:00"	16.95	37.07	8.28	23.66	13.27	35.91	11.05	18.89	22.58	22.66	-0.081	53.81	59.44	26.685	0	0
"2011-01-11	00:00:00"	16.37	38.25	7.675	24.26	12.79	36.79	10.49	20.09	22.31	22.59	-0.28	51.67	56.99	26.705	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-11	01:00:00"	14.35	27.56	8.97	21.87	11.22	25.9	13.37	17.1	21.94	22.24	-0.294	51.99	57.3	26.719	0	0
"2011-01-11	02:00:00"	14.16	28.95	7.707	20.68	11.25	27.81	12.07	16.51	21.5	21.79	-0.291	50.14	55.51	26.744	0	0
"2011-01-11	03:00:00"	11.68	28.74	7.76	16.51	9.19	27.89	12.13	14.12	21.72	22.01	-0.294	48.09	53.48	26.761	0	0
"2011-01-11	04:00:00"	9.81	35.13	9.13	15.31	7.817	34.86	11.76	12.93	21.89	22.16	-0.266	45.71	51.13	26.774	0	0
"2011-01-11	05:00:00"	9.53	30.02	9.01	13.52	7.649	29.47	13.15	11.74	21.83	22.11	-0.282	45.21	50.64	26.784	0	0
"2011-01-11	06:00:00"	10.46	17.32	7.108	14.72	8.04	13.44	13.28	12.33	19.94	19.91	0.03	46.92	52.89	26.789	0	0
"2011-01-11	07:00:00"	7.259	23.14	6.842	11.14	5.012	20.9	11.96	8.75	15.49	14.88	0.617	53.21	60.6	26.813	0.00192	0
"2011-01-11	08:00:00"	6.537	20.63	6.081	8.16	3.748	9.56	10.87	5.771	12.36	10.83	1.525	57.5	66.18	26.833	1.7385	0
"2011-01-11	09:00:00"	6.372	22.13	10.97	9.35	4.369	15.53	16.35	8.16	12.66	12.54	0.12	57.49	64.23	26.841	93.221	0
"2011-01-11	10:00:00"	7.136	60.51	20.53	11.74	5.748	58.25	22.72	9.95	18.35	19.38	-1.028	46.32	50.8	26.857	267.3	0
"2011-01-11	11:00:00"	5.126	110.9	29.78	9.35	4.32	109.7	32.16	8.75	21.75	22.8	-1.052	38.97	42.97	26.872	426.82	0
"2011-01-11	12:00:00"	4.329	143.1	38.44	8.75	3.656	137.9	42.24	8.16	25.26	26.26	-1	33.54	36.78	26.862	541.69	0
"2011-01-11	13:00:00"	5.824	179.7	48.54	12.33	4.922	178.8	49.71	10.54	28.78	30.06	-1.287	29.98	32.71	26.828	606.69	0
"2011-01-11	14:00:00"	5.861	183	51.06	12.93	4.926	182.5	54.9	11.14	31.44	32.91	-1.474	30.34	32.64	26.792	597.92	0
"2011-01-11	15:00:00"	5.716	189.8	49.36	11.74	4.787	184.9	54.73	10.54	33.77	35.11	-1.34	30.46	32.61	26.77	535.92	0
"2011-01-11	16:00:00"	7.304	186.9	32.39	13.52	6.041	184.8	37.7	11.14	35.26	36.55	-1.293	28.07	30.2	26.768	418.9	0
"2011-01-11	17:00:00"	7.178	182.3	24.06	12.33	5.892	179.6	28.52	11.14	36.1	36.99	-0.888	28.21	30.56	26.77	259.88	0
"2011-01-11	18:00:00"	7.08	194.2	11.34	12.33	5.074	193.2	14.63	11.74	35.69	35.79	-0.098	28.18	31.24	26.766	84.552	0
"2011-01-11	19:00:00"	5.677	190.8	7.455	7.561	3.056	185.1	15.06	4.578	33.37	31.39	1.974	29.88	35.17	26.762	1.0995	0
"2011-01-11	20:00:00"	6.613	155.2	14.4	8.75	3.012	129.8	16.06	5.175	31.66	28.15	3.509	31.14	38.41	26.767	0	0
"2011-01-11	21:00:00"	7.347	145.4	9.29	11.74	3.908	141.1	11.6	8.16	28.59	26.65	1.937	32.69	38.74	26.781	0	0
"2011-01-11	22:00:00"	9.79	127.3	8.46	14.12	6.645	125.4	11.02	11.14	27.63	26.94	0.688	32.72	37.63	26.778	0	0
"2011-01-11	23:00:00"	8.65	118.9	7.685	11.74	5.361	113.6	11.61	8.16	25.09	24.13	0.96	33.55	39.1	26.788	0	0
"2011-01-12	00:00:00"	10.17	109.2	8.65	13.52	6.585	102.4	12.06	9.95	23.7	22.79	0.907	33.44	39.12	26.792	0	0
"2011-01-12	01:00:00"	9.81	107.7	8.39	12.93	6.66	102.4	11.16	9.95	21.97	21.28	0.689	36.35	42.27	26.791	0	0
"2011-01-12	02:00:00"	8.58	97	7.596	10.54	5.144	87	11.27	7.561	20.49	19.49	1.001	40.55	47.54	26.789	0	0
"2011-01-12	03:00:00"	9.02	97.8	6.119	12.93	5.899	90.1	8.29	9.35	20.73	20.07	0.655	45.01	51.53	26.799	0	0
"2011-01-12	04:00:00"	9.91	107.6	8.41	14.12	7.191	103.3	10.97	11.74	20.68	20.35	0.329	49.17	55.33	26.801	0	0
"2011-01-12	05:00:00"	9.56	111.1	8.64	14.12	7.122	108.7	10.97	11.14	21.63	21.53	0.097	49.23	55.05	26.796	0	0
"2011-01-12	06:00:00"	9.82	100.5	13.12	15.91	7.298	97.5	15.14	13.52	22.54	22.49	0.056	48.52	54.19	26.791	0	0
"2011-01-12	07:00:00"	9.86	90.2	9	13.52	7.122	85.8	10.61	10.54	22.5	22.36	0.133	49.28	55.06	26.805	0	0
"2011-01-12	08:00:00"	9.72	74.97	11.03	12.33	7.1	71.38	12.6	10.54	21.13	21.03	0.103	51.88	57.82	26.819	0.65001	0
"2011-01-12	09:00:00"	11.69	85.8	9.56	17.1	8.81	83.5	11.72	13.52	22.85	23.1	-0.249	50.44	55.61	26.837	20.83	0
"2011-01-12	10:00:00"	11.34	89.2	8.86	15.91	8.77	87.2	10.76	13.52	24.72	25.09	-0.377	48.14	52.94	26.861	57.449	0
"2011-01-12	11:00:00"	11.75	104.1	10.07	16.51	9.26	102.4	12.45	13.52	26.48	27.02	-0.548	46.82	51.2	26.884	120.71	0
"2011-01-12	12:00:00"	9.7	105.9	9.68	13.52	7.789	104.4	12.65	11.74	28.74	29.31	-0.574	46.57	50.62	26.892	118.05	0
"2011-01-12	13:00:00"	9.93	123.4	12.01	14.72	7.922	122.9	14.37	13.52	30.34	31.03	-0.696	45.88	49.61	26.861	150.85	0
"2011-01-12	14:00:00"	10.52	134.6	15.9	17.1	8.56	133.6	15.68	15.91	32.44	33.31	-0.869	44.09	47.41	26.827	259.47	0
"2011-01-12	15:00:00"	11.02	131.2	14.54	18.3	8.95	130.7	15.74	15.31	33.4	34.27	-0.869	43.46	46.56	26.794	208.31	0
"2011-01-12	16:00:00"	10.44	140.4	12.17	16.51	8.43	139.4	12.96	13.52	34.57	35.23	-0.656	42.65	45.99	26.787	144.97	0
"2011-01-12	17:00:00"	9.42	117.6	14.59	14.12	7.446	116.6	16.7	12.33	35.15	35.66	-0.513	40.97	44.68	26.793	112.86	0
"2011-01-12	18:00:00"	11.64	99.6	10.23	17.1	8.95	98.2	12.09	14.72	32.42	32.5	-0.083	42.7	47.49	26.785	39.153	0
"2011-01-12	19:00:00"	10.66	84.9	8.66	15.91	7.722	82.6	10.29	12.93	28.84	28.58	0.262	44.28	49.9	26.772	0.84169	0
"2011-01-12	20:00:00"	10.58	85.2	8.4	15.91	7.99	82.6	10.67	12.33	26.94	26.9	0.045	45.58	51.02	26.78	0	0
"2011-01-12	21:00:00"	8.33	76.99	10.76	12.93	5.554	72.31	14.15	10.54	24.86	24.14	0.724	46.71	53.44	26.792	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-12	22:00:00"	8.3	73.53	10.15	10.54	4.913	66.92	13.9	6.964	21.62	20.42	1.208	50.47	58.49	26.811	0	0
"2011-01-12	23:00:00"	8.58	75.54	11.89	11.14	5.114	68.85	14.21	7.561	19.37	18.25	1.114	53.63	61.73	26.812	0	0
"2011-01-13	00:00:00"	8.2	97.6	6.934	11.74	5.068	89.1	9.57	8.16	19.05	18.18	0.875	55.09	62.59	26.801	0	0
"2011-01-13	01:00:00"	7.916	101.8	9.58	10.54	4.886	93.1	12.5	7.561	18.86	17.87	0.995	56.03	63.76	26.808	0	0
"2011-01-13	02:00:00"	7.907	119.4	7.927	11.14	5.017	114	11.24	8.16	19.04	18.28	0.758	56.96	64.17	26.786	0	0
"2011-01-13	03:00:00"	7.927	130.9	9.24	11.74	4.605	125	13.37	8.75	19.11	17.75	1.351	58.24	66.3	26.776	0	0
"2011-01-13	04:00:00"	8.46	153.5	7.26	11.74	5.863	149.9	8.08	8.75	19.77	19.18	0.594	59.43	66.31	26.758	0.0001	0
"2011-01-13	05:00:00"	6.231	170.8	12.8	9.95	3.645	175.8	20.62	6.368	18.91	17.58	1.335	61.46	69.35	26.755	0	0
"2011-01-13	06:00:00"	4.553	174.9	6.444	6.368	1.875	174.8	11.98	3.982	18.33	16.66	1.671	62.88	71.36	26.738	0.00346	0
"2011-01-13	07:00:00"	5.645	163.4	5.804	7.561	2.498	152.6	15.76	3.982	18.93	16.73	2.195	62.75	71.69	26.732	0.06117	0
"2011-01-13	08:00:00"	6.488	176.7	5.935	8.75	3.295	170.2	5.987	4.578	19.84	17.2	2.638	62.19	72.02	26.732	1.6998	0
"2011-01-13	09:00:00"	7.416	189.1	8.82	13.52	4.821	190.1	12.65	11.14	20.34	19.7	0.637	60.91	68.4	26.727	93.178	0
"2011-01-13	10:00:00"	13.15	186.2	9.14	18.89	10.07	184.5	12.59	15.31	26.22	26.88	-0.666	50.58	54.83	26.724	268.24	0
"2011-01-13	11:00:00"	11.24	196.5	12	15.31	8.85	195.3	16.19	12.93	31.27	32.6	-1.336	44.24	46.94	26.73	425.81	0
"2011-01-13	12:00:00"	12.4	200.6	12.68	20.68	9.82	200.1	16.1	16.51	36.52	38.12	-1.604	38.66	40.3	26.714	545.1	0
"2011-01-13	13:00:00"	13.51	210.2	14.34	20.68	10.73	210.1	18.19	17.1	40.34	42.2	-1.86	36.35	37.24	26.681	607.88	0
"2011-01-13	14:00:00"	11.16	213.3	14.49	16.51	9.16	213.6	18.09	14.12	43.38	45.3	-1.918	33.66	34.36	26.652	605.06	0
"2011-01-13	15:00:00"	10.7	207.8	15.31	16.51	8.62	208.2	20.3	16.51	46.3	48.17	-1.874	30.74	31.34	26.622	534.03	0
"2011-01-13	16:00:00"	10.02	204.8	15.31	15.31	8.15	205.3	19.23	12.93	48.3	49.71	-1.407	29.2	30.08	26.614	423.31	0
"2011-01-13	17:00:00"	10.16	201.4	13.92	15.31	7.969	200	18.12	12.33	49.34	50.26	-0.919	29.18	30.39	26.611	265.16	0
"2011-01-13	18:00:00"	8.95	189.4	8.95	14.72	6.37	187.4	12.54	11.14	48.58	48.32	0.258	30.1	32.42	26.605	89.088	0
"2011-01-13	19:00:00"	6.362	168.3	8.76	9.35	3.102	160.7	14.73	4.578	44.84	42.13	2.706	33.12	38.36	26.6	1.134	0
"2011-01-13	20:00:00"	7.288	165.6	7.215	9.95	3.433	153.8	10.38	5.771	42.29	38.56	3.724	36.23	43.57	26.591	0	0
"2011-01-13	21:00:00"	6.113	161.6	5.652	9.95	2.791	139.8	12.39	5.175	41.36	38.3	3.065	38.38	45.16	26.591	0	0
"2011-01-13	22:00:00"	8.88	178.7	4.248	11.14	4.772	175.1	6.818	7.561	38.96	35.54	3.417	43.41	51.62	26.585	0	0
"2011-01-13	23:00:00"	7.698	180.9	6.249	11.74	4.287	183.8	11.85	6.964	34.93	32.3	2.625	50.76	58.42	26.57	0	0
"2011-01-14	00:00:00"	5.147	198.9	11.56	7.561	2.708	205.7	25.9	4.578	34.52	32.16	2.361	54.83	61.64	26.568	0	0
"2011-01-14	01:00:00"	4.926	197.7	9.36	6.964	2.702	201.5	14	4.578	34.02	31.97	2.054	59.5	66.32	26.555	0	0
"2011-01-14	02:00:00"	6.634	224.7	8.31	9.35	4.367	236	11.25	6.368	33.09	30.02	3.071	63.65	71.21	26.543	0	0
"2011-01-14	03:00:00"	7.383	234.9	9.17	9.35	4.658	241.3	10.82	6.368	32.53	29.14	3.389	64.4	73.68	26.528	0	0
"2011-01-14	04:00:00"	7.997	220.2	4.76	11.14	5.01	230.3	6.596	6.964	31.06	28.08	2.975	66.97	76.22	26.503	0	0
"2011-01-14	05:00:00"	8.12	231	7.741	10.54	5.277	238.5	8.53	8.75	29.44	27.18	2.259	70.49	78.56	26.485	0	0
"2011-01-14	06:00:00"	7.931	235.9	8.21	11.14	5.295	240.7	10.19	8.16	27.63	25.82	1.813	74.99	82.1	26.473	0	0
"2011-01-14	07:00:00"	7.557	248.5	8.63	9.95	4.895	253.1	8.98	6.368	26.22	24.15	2.075	77.7	84.7	26.457	0	0
"2011-01-14	08:00:00"	7.659	244.7	7.127	11.14	5.259	251.6	9.32	8.16	25.41	23.98	1.432	81.5	87.3	26.454	1.8097	0
"2011-01-14	09:00:00"	7.158	238.4	12.81	9.95	5.831	242.4	15.27	8.75	25.95	25.75	0.201	83.6	88.8	26.474	91.424	0
"2011-01-14	10:00:00"	4.359	221.2	12.85	8.75	4.729	224.1	17.45	7.561	29.84	30.55	-0.71	75.8	79.31	26.487	264.17	0
"2011-01-14	11:00:00"	4.74	225	18.06	8.16	4.112	227.8	23.01	6.964	37.85	38.77	-0.923	56.89	59.4	26.496	420.99	0
"2011-01-14	12:00:00"	9.58	200.6	16.77	15.31	7.773	199.4	21	12.33	46.5	48.03	-1.524	39.81	40.78	26.479	540.66	0
"2011-01-14	13:00:00"	9.78	221.9	15.01	14.72	8.19	223	18.96	12.33	50.63	52.31	-1.673	33.66	34.08	26.458	603.79	0
"2011-01-14	14:00:00"	7.258	213.7	19.93	11.74	6.113	212.3	23.7	10.54	54.28	56	-1.723	29.16	29.38	26.423	602.51	0
"2011-01-14	15:00:00"	6.393	228.1	31.25	11.74	5.392	227.3	36.46	11.14	57.6	59.04	-1.434	24.87	25.1	26.407	528.59	0
"2011-01-14	16:00:00"	4.449	224.2	37.76	10.54	3.804	223.4	39.13	11.14	59.97	60.96	-0.987	23.07	23.42	26.413	422.69	0
"2011-01-14	17:00:00"	3.716	138.4	40.77	8.16	3.268	133.1	45.68	6.964	61.42	62	-0.581	21.2	21.85	26.416	258.89	0
"2011-01-14	18:00:00"	5.861	138.6	16.94	8.75	3.575	135.4	19.61	7.561	60.26	58.73	1.527	22.05	25.06	26.434	59.578	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-14	19:00:00"	5.955	165.8	16.66	8.16	3.001	162.2	24.22	5.175	55.14	51.88	3.253	25.69	30.44	26.453	1.1881	0
"2011-01-14	20:00:00"	4.723	144.5	49.64	12.33	3.144	95	58.95	7.561	52.74	47.73	5.018	27.9	33.9	26.471	0	0
"2011-01-14	21:00:00"	10.49	87	11.87	14.12	5.959	77.38	13.43	9.95	45.03	40.81	4.215	40.06	47.33	26.496	0	0
"2011-01-14	22:00:00"	9.47	59.15	7.32	12.93	5.761	52.46	8.88	8.75	37.78	35.56	2.22	54.42	61.27	26.532	0	0
"2011-01-14	23:00:00"	9.39	76.36	11.85	12.93	5.625	66.75	15.38	10.54	36.39	34.54	1.849	68.62	74.19	26.553	0	0
"2011-01-15	00:00:00"	8.46	54.99	10.19	10.54	5.34	46.82	11.83	7.561	35.15	33.46	1.695	78.14	83.3	26.57	0	0
"2011-01-15	01:00:00"	8.76	30.74	8.39	11.74	6.076	28.74	12.54	9.95	32.84	31.91	0.936	80.8	86.1	26.573	0	0
"2011-01-15	02:00:00"	8.32	12.24	9.74	14.72	5.76	6.467	15.59	9.95	31.74	31.13	0.607	82.1	87.4	26.581	0	0
"2011-01-15	03:00:00"	7.143	27.72	11.7	12.33	5.34	27.3	17.81	9.95	30.66	30.15	0.506	83	88.2	26.582	0.00278	0
"2011-01-15	04:00:00"	10.14	22.7	7.07	14.12	7.764	21.55	13.16	11.74	31.7	31.69	0.012	87.1	91.8	26.583	1.6417	0
"2011-01-15	05:00:00"	8.35	34.38	16.06	12.93	6.565	33.78	18.53	10.54	33	33.05	-0.044	79.85	84.4	26.588	0.19905	0
"2011-01-15	06:00:00"	5.737	48.22	12.17	9.95	5.03	47.23	13.67	8.16	33.79	33.9	-0.108	78.37	82.6	26.58	0	0
"2011-01-15	07:00:00"	2.541	97	80.7	8.75	2.765	83.1	66.41	8.16	33.86	34.01	-0.153	85.8	89.8	26.581	0.03712	0
"2011-01-15	08:00:00"	1.022	303.2	31.1	3.386	2.919	299.9	31.89	6.368	32.36	32.5	-0.139	87.9	92.2	26.592	2.2458	0
"2011-01-15	09:00:00"	3.392	353.2	11.83	7.561	4.373	348.8	12.46	7.561	31.24	31.61	-0.368	88.2	92.8	26.604	25.938	0
"2011-01-15	10:00:00"	6.131	355.9	12.16	9.95	5.342	350.6	13.81	9.35	32.7	33.29	-0.585	88.1	92.4	26.62	90.474	0
"2011-01-15	11:00:00"	2.122	151.1	77.53	7.561	2.881	143.8	76.26	6.368	37.34	38.01	-0.676	81.6	84.3	26.63	327.35	0
"2011-01-15	12:00:00"	3.43	165.9	26.57	8.75	4.031	161.1	31.68	8.16	41.06	42.04	-0.978	78.33	79.9	26.613	512.17	0
"2011-01-15	13:00:00"	3.821	236.1	61.59	8.75	3.366	243.1	60.05	8.16	46.11	47.32	-1.204	64.81	65.6	26.575	581.94	0
"2011-01-15	14:00:00"	4.618	243.3	56.18	8.75	3.831	245.1	59.45	8.16	50.32	51.71	-1.39	51.58	51.89	26.537	590.49	0
"2011-01-15	15:00:00"	5.827	236.3	30.8	11.74	4.841	235.7	38.76	9.35	53.6	54.97	-1.364	40.46	40.7	26.512	520.5	0
"2011-01-15	16:00:00"	4.756	164.6	49.48	9.35	4.156	160.9	55.88	8.16	55.05	56.09	-1.033	35.55	36.11	26.492	414.71	0
"2011-01-15	17:00:00"	3.814	201.1	60.14	8.16	3.282	199.6	64.75	7.561	56.38	57	-0.617	32.38	33.28	26.486	261.59	0
"2011-01-15	18:00:00"	4.608	186.7	21.6	7.561	3.367	183.3	24.45	6.368	55.98	55.67	0.303	31.83	34.38	26.475	89.917	0
"2011-01-15	19:00:00"	6.866	184.6	10.99	9.95	3.823	183.1	16.02	6.368	50.98	48.61	2.37	37.53	43.52	26.458	1.4019	0
"2011-01-15	20:00:00"	6.511	204.7	14.34	9.35	3.911	209.2	17.06	6.368	45.45	43.31	2.144	49.64	55.12	26.461	0	0
"2011-01-15	21:00:00"	5.943	210.3	11.05	8.16	3.513	209	15.53	5.771	44.09	41.65	2.442	54.44	61.17	26.462	0	0
"2011-01-15	22:00:00"	6.409	202.5	8.86	9.35	3.925	208.8	17.9	6.368	42.53	39.94	2.582	58.46	65.61	26.475	0	0
"2011-01-15	23:00:00"	7.648	198.7	8.86	11.74	4.588	204.1	13.21	8.75	39.2	37.42	1.778	67.69	73.59	26.459	0	0
"2011-01-16	00:00:00"	5.889	232.6	10.48	7.561	3.898	242.4	11.76	5.175	38.74	36.44	2.296	70.12	76.67	26.455	0	0
"2011-01-16	01:00:00"	5.757	237.9	13.89	7.561	3.698	246.7	17.48	5.175	38.64	37.2	1.443	70.62	76.05	26.444	0	0
"2011-01-16	02:00:00"	5.343	244.7	9.78	7.561	3.558	254.4	13.32	5.771	39.38	37.89	1.496	71.56	76.67	26.43	0	0
"2011-01-16	03:00:00"	5.848	249.8	21.36	7.561	3.608	263.9	24.85	5.175	38.92	35.85	3.067	73.12	80.3	26.412	0	0
"2011-01-16	04:00:00"	6.324	270.5	7.05	8.75	3.22	287	7.163	5.771	38.48	33.72	4.756	73.66	83.6	26.405	0	0
"2011-01-16	05:00:00"	8.35	275.4	10.78	11.74	4.846	284.4	7.441	6.964	37.68	33.96	3.725	74.66	84.3	26.391	0	0
"2011-01-16	06:00:00"	9.58	302.3	5.035	12.33	3.684	302.6	10.42	6.368	35.1	31.91	3.185	77.51	86.2	26.381	0	0
"2011-01-16	07:00:00"	8.53	306.4	3.814	10.54	3.352	310.2	10.07	5.175	35.55	31.6	3.956	77.03	86.9	26.365	0	0
"2011-01-16	08:00:00"	9.04	314.8	9.04	13.52	4.653	322	9.07	7.561	36.64	30.88	5.764	74.42	86.9	26.382	1.6499	0
"2011-01-16	09:00:00"	9.01	318.6	5.027	11.74	4.709	317.6	9.02	7.561	36.5	34.94	1.559	73.96	83.3	26.421	94.548	0
"2011-01-16	10:00:00"	4.383	299.4	22.39	8.16	3.084	294.3	24.95	7.561	43.4	44.14	-0.737	62.94	65.9	26.441	266.45	0
"2011-01-16	11:00:00"	3.059	120.6	84.7	7.561	2.566	130.9	76.01	7.561	48.48	49.18	-0.705	49.55	51.56	26.451	435.18	0
"2011-01-16	12:00:00"	4.402	100.2	32.87	10.54	3.693	98.6	39.25	9.35	50.96	51.97	-1.01	44.15	45.47	26.44	516.34	0
"2011-01-16	13:00:00"	5.083	149.7	57.53	9.35	4.256	146.8	58.66	8.75	53.77	55.05	-1.28	35.51	36.11	26.411	608.11	0
"2011-01-16	14:00:00"	4.011	172.2	79.99	9.35	3.63	174	83.5	8.75	55.91	57.1	-1.197	31.76	32.24	26.378	603.34	0
"2011-01-16	15:00:00"	4.643	168.9	73.23	9.95	3.915	175.4	72.54	8.75	57.73	59	-1.269	30.18	30.44	26.349	490.95	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-16	16:00:00"	5.164	196.3	46.9	11.14	4.399	192.6	54.75	9.35	58.85	59.95	-1.097	28.59	28.94	26.342	412.8	0
"2011-01-16	17:00:00"	3.88	228.7	57.08	9.35	3.266	224.8	57.37	9.35	59.37	60.02	-0.649	27.2	27.83	26.338	267.36	0
"2011-01-16	18:00:00"	3.499	230.1	41.66	8.16	2.522	228.6	49.61	6.964	59.09	58.93	0.158	26.66	28.23	26.335	96.411	0
"2011-01-16	19:00:00"	4.439	157.5	6.307	6.368	2.901	137.9	7.117	4.578	57.41	53.63	3.781	27.56	32.48	26.331	1.1674	0
"2011-01-16	20:00:00"	6.256	163.6	9.7	8.75	3.031	153.9	16.46	5.175	54.29	50.04	4.259	29.45	35.56	26.339	0	0
"2011-01-16	21:00:00"	7.602	164.9	6.682	9.35	4.231	160.6	9.48	6.368	47.37	44.99	2.376	34.31	39.95	26.343	0	0
"2011-01-16	22:00:00"	7.837	170.2	5.218	11.74	4.395	168.6	7.386	6.964	44.36	42.08	2.282	40.25	46.67	26.335	0	0
"2011-01-16	23:00:00"	7.419	193.7	9.13	11.74	4.201	197.3	12.82	7.561	43.6	40.97	2.623	43.45	50.93	26.326	0	0
"2011-01-17	00:00:00"	8.3	217.8	8.93	11.14	4.741	218.8	14.39	7.561	41.71	38.79	2.921	45.16	53.3	26.321	0	0
"2011-01-17	01:00:00"	9.28	225.4	6.934	12.93	5.566	231.8	11.61	8.16	41.96	39.23	2.733	43.88	51.73	26.309	0	0
"2011-01-17	02:00:00"	7.853	224.1	7.231	9.95	4.793	232.5	9.83	6.964	41.86	38.56	3.303	43.87	52.36	26.29	0	0
"2011-01-17	03:00:00"	6.962	227.2	6.113	9.35	4.511	238.5	7.458	6.368	40.98	37.78	3.199	45.78	53.98	26.28	0	0
"2011-01-17	04:00:00"	7.479	249	10.81	11.14	4.807	258.8	11.51	6.964	40.78	36.66	4.118	47.59	57.08	26.265	0	0
"2011-01-17	05:00:00"	7.614	264.1	14.82	11.74	4.629	273.4	16.21	7.561	41.34	37.88	3.46	48.36	57.45	26.239	0	0
"2011-01-17	06:00:00"	7.707	274.4	5.831	9.95	3.965	291.1	7.514	6.368	40.08	35.62	4.46	50.72	61.64	26.224	0	0
"2011-01-17	07:00:00"	7.518	302.7	22.18	10.54	4.012	314.5	12.97	6.368	40.63	35.23	5.402	49.08	62.47	26.218	0	0
"2011-01-17	08:00:00"	9.91	305.5	6.376	12.33	4.185	306.2	10.69	6.964	40.26	36.81	3.456	43	53.98	26.206	2.0852	0
"2011-01-17	09:00:00"	10.56	300.9	11.93	14.72	5.597	301.6	14.45	11.14	41.14	40.16	0.987	39.46	45.39	26.204	94.062	0
"2011-01-17	10:00:00"	6.215	242	23.83	11.14	5.157	242.5	26.27	9.35	44.27	44.84	-0.578	36.4	38.76	26.207	266.45	0
"2011-01-17	11:00:00"	8.83	258.3	16.44	17.1	7.235	259.4	18.66	14.72	53.85	54.88	-1.024	29.1	30.16	26.213	412.46	0
"2011-01-17	12:00:00"	15.81	287.6	9.78	24.26	10.38	287.7	12.54	21.28	62.65	64.29	-1.64	25.3	25.01	26.195	521.03	0
"2011-01-17	13:00:00"	17.38	286.9	10.98	26.05	11.59	286.9	13.22	21.87	66.5	68.35	-1.855	24	23.2	26.16	598.94	0
"2011-01-17	14:00:00"	17.7	278.3	10.77	26.05	12.84	279.3	12.87	23.07	69.75	71.67	-1.921	22.45	21.35	26.113	601.37	0
"2011-01-17	15:00:00"	21.39	280.4	9.94	33.8	15.15	281.3	12.58	29.63	72.75	74.4	-1.643	20.64	19.5	26.069	532.05	0
"2011-01-17	16:00:00"	25.22	303.2	16.21	40.36	15.8	303.7	17.25	31.42	75.78	76.88	-1.096	18.96	17.91	26.058	408.85	0
"2011-01-17	17:00:00"	26.38	307.7	10.46	39.17	15.32	307.5	12.83	29.03	76.05	76.5	-0.45	18.57	17.87	26.069	248.48	0
"2011-01-17	18:00:00"	24.93	312.2	8.99	40.96	15.08	312	11.56	30.22	73.68	73.37	0.307	20.26	20.28	26.085	79.966	0
"2011-01-17	19:00:00"	16	305.6	8.45	26.65	8.7	305	11.52	18.3	69.4	68.46	0.943	23.93	24.88	26.107	1.3563	0
"2011-01-17	20:00:00"	12.03	286.5	10.7	18.89	6.824	287.4	13.12	12.33	65.74	64.11	1.628	27.08	29.09	26.128	0	0
"2011-01-17	21:00:00"	17.96	318.2	15.3	37.98	11.76	317.2	16.22	29.63	64.2	62.87	1.324	25.1	27.09	26.138	0	0
"2011-01-17	22:00:00"	24.39	335.2	9.41	38.57	18	332.5	11.35	30.22	65.27	64.52	0.752	20.94	22.15	26.149	0	0
"2011-01-17	23:00:00"	15.46	352.6	15.38	36.19	11.43	346.6	14.01	27.24	61.52	60.54	0.979	24.79	26.59	26.186	0	0
"2011-01-18	00:00:00"	12.66	7.17	10.16	17.7	8.92	0.752	14.46	13.52	53.72	52.58	1.136	35.9	39.12	26.207	0	0
"2011-01-18	01:00:00"	10.59	352.7	10.17	13.52	6.17	349.9	11.73	9.35	50.3	47.61	2.685	40.49	46.86	26.222	0	0
"2011-01-18	02:00:00"	12.58	338.9	10.11	17.7	7.725	337.1	12.39	12.33	50.31	47.75	2.566	39.06	45.46	26.23	0	0
"2011-01-18	03:00:00"	13.04	317	10.08	18.3	7.493	315.6	12.2	14.72	51.17	49.58	1.588	35.15	39.14	26.243	0	0
"2011-01-18	04:00:00"	11.98	329.3	7.996	16.51	7.471	328.7	9.99	13.52	47.64	45.63	2.008	38.72	44.6	26.255	0	0
"2011-01-18	05:00:00"	12.75	323.9	10.41	23.07	8.09	321.6	13.21	16.51	47.18	45.5	1.684	39.38	44.89	26.27	0	0
"2011-01-18	06:00:00"	10.41	2.196	27.81	18.89	6.961	2.552	29.04	13.52	45.96	43.9	2.06	41.08	47.57	26.297	0	0
"2011-01-18	07:00:00"	11.43	17.79	8.68	18.89	7.551	9.99	12.39	15.91	42.08	40.1	1.98	45.59	52.89	26.329	0	0
"2011-01-18	08:00:00"	12.84	16.35	8.19	18.3	9.08	11.7	14.92	14.12	40.03	39.21	0.819	53.73	59.17	26.36	2.6762	0
"2011-01-18	09:00:00"	9.1	18.55	12.39	14.72	6.911	14.45	18.14	12.33	41.75	41.71	0.04	65.29	68.96	26.397	102.39	0
"2011-01-18	10:00:00"	7.928	27.07	16.04	12.33	6.305	24.01	20.61	10.54	46.74	47.62	-0.887	60.41	61.99	26.435	257.44	0
"2011-01-18	11:00:00"	9.98	55.99	12.45	15.91	8.14	53.71	15.01	14.72	51.55	52.94	-1.387	52.34	52.82	26.457	431.66	0
"2011-01-18	12:00:00"	5.266	64.25	53.78	11.74	4.731	61.51	56.11	11.14	54.83	56.25	-1.419	46.45	46.55	26.455	547.23	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-18	13:00:00"	3.954	223.8	77.56	10.54	3.624	216	84.4	9.35	57.72	58.82	-1.097	39.85	40.17	26.437	592.55	0	
"2011-01-18	14:00:00"	5.689	320	61.19	13.52	4.784	316.1	62.64	11.14	60.53	62.32	-1.792	33.02	32.5	26.412	626.69	0	
"2011-01-18	15:00:00"	6.385	300.7	45.95	15.31	5.005	301.7	47.82	11.14	62.18	64	-1.821	27.74	27.18	26.397	536.05	0	
"2011-01-18	16:00:00"	7.32	310.5	30.98	13.52	5.456	305.9	32.81	14.12	63.27	64.9	-1.629	23.66	23.25	26.404	432.54	0	
"2011-01-18	17:00:00"	5.094	37.69	52.39	12.33	4.263	39.49	54.86	9.35	63.26	64.22	-0.964	24.16	24.36	26.396	274.67	0	
"2011-01-18	18:00:00"	2.603	89.7	24.15	8.16	2.643	83	25.72	6.964	62.88	62.7	0.181	23.73	25.05	26.392	99.466	0	
"2011-01-18	19:00:00"	5.984	111.9	5.131	8.16	3.73	100.5	6.378	5.175	61.22	56.48	4.736	24.66	30	26.397	2.0642	0	
"2011-01-18	20:00:00"	9.37	116.1	2.924	11.14	4.439	95.4	7.266	6.368	58.19	50.16	8.03	26.9	35.19	26.402	0	0	
"2011-01-18	21:00:00"	9.76	120.9	4.961	11.74	4.918	106	9.8	6.964	53.19	48.55	4.644	32.86	39.28	26.405	0	0	
"2011-01-18	22:00:00"	9.29	135.5	7.197	11.74	5.097	127.5	9.29	8.16	51.16	48.27	2.885	34.02	39.48	26.408	0	0	
"2011-01-18	23:00:00"	10.1	145.3	7.071	13.52	6.332	141	8.11	9.35	50.06	48.29	1.77	35.93	40.36	26.401	0	0	
"2011-01-19	00:00:00"	9.1	160	7.073	12.33	5.595	156.6	10.77	8.16	47.1	45.48	1.618	41.99	47.56	26.394	0	0	
"2011-01-19	01:00:00"	6.417	184.4	7.974	9.95	3.517	192.8	13.97	5.771	44.72	41.99	2.733	46.31	53.79	26.377	0	0	
"2011-01-19	02:00:00"	5.663	198.8	6.744	8.75	2.891	203.3	10.31	4.578	43.83	40.89	2.936	47.72	55.09	26.352	0	0	
"2011-01-19	03:00:00"	7.557	183.8	8.46	11.74	4.259	184.2	13.87	7.561	43.42	40.94	2.478	49.91	57.79	26.341	0	0	
"2011-01-19	04:00:00"	6.791	176.2	7.714	10.54	3.824	168.3	12.86	7.561	41.33	39.57	1.766	54.13	60.96	26.326	0	0	
"2011-01-19	05:00:00"	6.321	179	9.2	9.35	3.575	179.6	12.52	5.771	40.32	38.61	1.706	59.54	66.2	26.302	0	0	
"2011-01-19	06:00:00"	7.589	191.9	9.02	11.14	4.375	196.1	13.18	8.75	39.37	37.51	1.861	62.73	69.88	26.278	0	0	
"2011-01-19	07:00:00"	7.077	191.9	7.946	9.35	3.806	194.2	11.81	6.368	39.12	36.71	2.407	62.74	70.99	26.27	0	0	
"2011-01-19	08:00:00"	5.944	199.4	13.33	8.75	3.166	199.2	24.52	6.368	39.35	36.97	2.379	62.71	70.88	26.26	1.2844	0	
"2011-01-19	09:00:00"	8.12	189.6	9.59	12.33	5.485	188.1	15.12	9.35	40.4	39.55	0.852	62.04	67.77	26.264	48.019	0	
"2011-01-19	10:00:00"	9.59	198.2	8.44	14.12	6.982	198.4	12.37	11.74	43.13	43	0.13	58.86	62.84	26.27	90.251	0	
"2011-01-19	11:00:00"	10.81	193.5	7.453	15.31	8.25	191.7	11.07	11.74	46.68	47.1	-0.418	55.9	58.64	26.276	218.87	0	
"2011-01-19	12:00:00"	14.21	203.5	9.76	21.28	10.94	201.7	13.83	17.1	55.37	56.94	-1.567	39.11	39.28	26.256	546.45	0	
"2011-01-19	13:00:00"	16.37	215.7	11.22	23.07	12.65	215	14.96	20.09	59.75	61.33	-1.575	31.57	31.41	26.222	541.97	0	
"2011-01-19	14:00:00"	15.86	220.1	11.83	24.86	12.5	220.7	15.22	21.28	64.21	65.96	-1.75	26.25	25.67	26.177	563.14	0	
"2011-01-19	15:00:00"	17.07	215.8	11.75	24.26	12.99	216.1	15.4	20.68	68.53	70.07	-1.543	21.55	20.88	26.136	505.33	0	
"2011-01-19	16:00:00"	16.91	238.6	14.34	26.05	13.67	239.6	16.68	21.87	71.75	72.89	-1.143	17.5	16.87	26.116	439.01	0	
"2011-01-19	17:00:00"	16.56	232.1	17.2	25.45	12.78	232.3	19.32	21.87	72.37	72.77	-0.4	16.46	16.17	26.108	226.59	0	
"2011-01-19	18:00:00"	12.49	222.6	11.32	22.47	9.22	222.9	14.26	20.09	70.47	69.94	0.526	17.12	17.54	26.111	89.843	0	
"2011-01-19	19:00:00"	11.56	233.4	11.53	16.51	8.37	234.4	13.54	12.93	66.32	64.99	1.326	20	21.38	26.122	2.1485	0	
"2011-01-19	20:00:00"	8.49	247.5	17.51	12.93	5.559	247.5	26.79	9.35	61.76	59.47	2.295	23.19	25.89	26.146	0	0	
"2011-01-19	21:00:00"	6.15	233.6	17.99	9.35	3.78	223.8	28.15	6.368	59.05	55.1	3.953	25.39	30.18	26.164	0	0	
"2011-01-19	22:00:00"	7.931	303.2	22.16	24.86	4.326	309.7	25.1	18.89	58.5	55.48	3.017	27.71	31.62	26.182	0	0	
"2011-01-19	23:00:00"	4.993	315.7	45.48	10.54	2.779	343.8	74.45	5.771	56.95	52.92	4.037	29.06	34.49	26.193	0	0	
"2011-01-20	00:00:00"	7.103	323.2	36.03	12.93	3.975	320.6	51.83	7.561	55.02	49.39	5.632	31.22	38.55	26.207	0	0	
"2011-01-20	01:00:00"	6.977	270.8	23.58	25.45	3.923	263	30.7	18.89	53.4	49.08	4.314	32.56	38.89	26.219	0	0	
"2011-01-20	02:00:00"	23.73	24.57	7.404	37.38	18.68	23.08	12.57	32.01	45.08	44.52	0.564	54.18	58.2	26.285	0	0	
"2011-01-20	03:00:00"	26.86	30.84	7.235	38.57	21.31	29.89	11.04	33.21	38.35	38.29	0.061	70.26	74.43	26.337	0	0	
"2011-01-20	04:00:00"	27.26	32.56	8.4	39.77	21.5	31.65	11.73	33.21	35.4	35.56	-0.159	72.55	76.55	26.384	0	0	
"2011-01-20	05:00:00"	26.85	32.55	7.207	38.57	21.27	31.18	11.15	35	32.15	32.37	-0.224	73.12	77.31	26.423	0	0	
"2011-01-20	06:00:00"	25.07	25.61	7.809	36.78	19.64	24	13.13	31.42	31.11	31.3	-0.196	69.43	73.87	26.48	0	0	
"2011-01-20	07:00:00"	21.21	27.25	7.325	36.19	16.69	25.75	11.77	30.22	29.83	30.04	-0.203	65.93	70.55	26.521	0	0	
"2011-01-20	08:00:00"	19.08	19.95	8.1	32.01	14.95	17.53	14.17	27.24	29.83	30	-0.174	58.92	63.75	26.562	0.69826	0	
"2011-01-20	09:00:00"	21.2	10.62	12.44	32.61	16.26	6.427	16.6	29.03	28.91	29.16	-0.246	57.78	62.51	26.601	38.261	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-20	10:00:00"	18.03	8.41	11.82	29.03	13.72	3.024	17.66	25.45	28.11	28.67	-0.564	54.33	58.48	26.653	127.64	0
"2011-01-20	11:00:00"	18.14	11.55	11.83	25.45	14	6.821	16.73	22.47	28.93	30.23	-1.298	50.05	53.06	26.677	342.88	0
"2011-01-20	12:00:00"	16.38	13.1	13.31	24.26	12.9	9.15	18.62	20.09	30.75	32.75	-2.001	46.07	47.77	26.692	527.58	0
"2011-01-20	13:00:00"	14.1	21.47	14.89	21.87	11.26	19.17	19.49	20.09	33.6	35.91	-2.315	41.9	43.19	26.675	603.85	0
"2011-01-20	14:00:00"	12.76	28.43	13.78	20.09	10.28	26.78	18.78	18.3	36.12	38.5	-2.377	37.11	38.17	26.653	603.65	0
"2011-01-20	15:00:00"	12.06	34.23	16.48	20.09	9.74	32.71	20.46	17.7	37.87	40	-2.132	33.59	34.81	26.629	532.85	0
"2011-01-20	16:00:00"	11.22	42.99	21.49	20.09	9.1	40.94	24.33	15.91	39.78	41.53	-1.746	29.18	30.96	26.615	431.42	0
"2011-01-20	17:00:00"	8.44	52.72	19.84	14.72	6.898	51.02	21.95	12.33	40.31	41.44	-1.129	27.13	29.4	26.61	273.29	0
"2011-01-20	18:00:00"	7.108	73.69	15.46	11.74	5.395	71.15	16.58	9.95	39.54	39.72	-0.187	27.05	30.4	26.606	102.45	0
"2011-01-20	19:00:00"	5.89	94.7	9.16	7.561	3.072	89.5	8.93	4.578	37.28	34.81	2.472	28.73	35.02	26.596	2.4381	0
"2011-01-20	20:00:00"	6.318	119.5	7.768	7.561	3.099	103.1	7.647	3.982	36.51	32.29	4.221	29.6	37.81	26.592	0	0
"2011-01-20	21:00:00"	7.686	136.1	5.483	9.35	3.342	125.2	9.45	5.175	35.44	30.39	5.044	30.78	39.54	26.577	0	0
"2011-01-20	22:00:00"	7.274	149.4	5.541	8.75	3.304	139.1	6.608	4.578	32.44	29.32	3.127	33.89	41.57	26.573	0	0
"2011-01-20	23:00:00"	5.94	175.2	10.73	8.16	2.987	176.4	15.77	4.578	30.23	27.95	2.283	36.47	44.97	26.564	0	0
"2011-01-21	00:00:00"	5.168	186.3	9.58	7.561	2.831	188.8	19.03	3.982	28.15	26.38	1.769	38.53	46.8	26.539	0	0
"2011-01-21	01:00:00"	8.32	185.1	9.88	13.52	5.153	186.2	16.24	9.35	26.77	25.36	1.408	41.08	48.8	26.493	0	0
"2011-01-21	02:00:00"	7.189	218.2	10.13	10.54	4.461	223.9	12.72	6.964	24.14	22.98	1.165	44.07	51.41	26.463	0	0
"2011-01-21	03:00:00"	9.63	213.8	7.297	14.72	6.173	214.6	11.77	11.14	24.3	23.32	0.985	44.43	51.38	26.433	0	0
"2011-01-21	04:00:00"	11.27	214.3	8.48	16.51	7.901	215.2	11.99	13.52	24.77	24.21	0.56	46.96	53.27	26.398	0	0
"2011-01-21	05:00:00"	10.64	229.9	7.129	15.31	7.697	232.8	10.31	11.74	22.75	22.02	0.731	50.19	56.55	26.384	0	0
"2011-01-21	06:00:00"	11.4	220.6	6.654	15.31	7.853	223	10.39	11.74	23.84	23.14	0.706	53.41	59.93	26.343	0	0
"2011-01-21	07:00:00"	10.74	226.2	5.875	14.12	7.384	229	9.45	10.54	23.32	22.51	0.81	55.86	62.46	26.324	0	0
"2011-01-21	08:00:00"	8.8	230.9	7.975	14.72	5.891	233.9	9.97	9.95	24.44	22.93	1.508	56.2	63.73	26.315	1.3915	0
"2011-01-21	09:00:00"	7.45	227.7	8.34	9.95	5.287	230.7	11.06	8.75	27.07	26.44	0.637	53.86	60.12	26.317	99.553	0
"2011-01-21	10:00:00"	10.06	226.6	8.54	14.12	8.22	227.3	11.87	12.93	32.56	33.28	-0.715	46.79	50.32	26.327	270.71	0
"2011-01-21	11:00:00"	8.8	241.9	13.25	12.33	7.523	243.9	16.19	11.74	38.29	39.51	-1.221	39.37	41.52	26.333	426.5	0
"2011-01-21	12:00:00"	14.61	293.1	28.83	29.63	9.98	292.8	28.2	25.45	51.15	52.58	-1.43	25	25.92	26.332	471.6	0
"2011-01-21	13:00:00"	19.9	341.6	19.15	29.03	14.76	338.1	19.28	26.65	58.54	60.3	-1.761	15.12	15.5	26.319	613.27	0
"2011-01-21	14:00:00"	20.89	4.899	14.65	31.42	16.22	0.056	17.55	25.45	59.87	61.58	-1.708	14.91	15.21	26.313	609.17	0
"2011-01-21	15:00:00"	20.04	12.76	15.78	31.42	15.5	8.73	20.3	26.05	61.17	62.79	-1.619	15.29	15.64	26.322	538.52	0
"2011-01-21	16:00:00"	20.41	36.62	12.39	29.63	15.98	35.5	15.23	25.45	59.1	60.27	-1.172	16.93	17.79	26.349	425.83	0
"2011-01-21	17:00:00"	19.43	49.47	10.88	29.63	15.06	48	12.66	24.26	56.79	57.4	-0.606	19.69	20.97	26.387	264.79	0
"2011-01-21	18:00:00"	15.76	52.57	9.31	25.45	12.15	50.67	11.03	18.89	54.8	54.59	0.213	21.58	23.61	26.425	97.998	0
"2011-01-21	19:00:00"	11.45	57.94	10.87	19.49	8.16	55.73	12.62	17.1	49.9	48.78	1.118	25.43	28.67	26.445	2.61	0
"2011-01-21	20:00:00"	8.97	69.35	11.06	11.14	5.028	64.93	14.96	7.561	44.26	41.79	2.469	30.37	35.52	26.461	0	0
"2011-01-21	21:00:00"	8.41	72.54	5.781	11.74	4.634	65.61	11.4	6.964	41.76	38.59	3.162	34.34	40.82	26.471	0	0
"2011-01-21	22:00:00"	7.108	80.4	8.14	9.95	3.616	59.75	18.6	5.771	39.71	34.73	4.98	36.66	46.08	26.476	0	0
"2011-01-21	23:00:00"	7.793	93.3	9.77	9.35	3.89	63.69	13.8	5.771	40.74	34.88	5.86	36.04	46.59	26.472	0	0
"2011-01-22	00:00:00"	5.058	78.89	12.85	8.16	4.134	26.73	21.91	5.771	40.73	35.38	5.348	36.15	46.52	26.471	0	0
"2011-01-22	01:00:00"	3.869	242.2	57.99	7.561	3.283	280.2	39.52	5.771	38.25	33.05	5.199	38.63	48.65	26.472	0	0
"2011-01-22	02:00:00"	3.692	252.3	5.96	8.16	2.598	279.3	22.05	6.368	36.1	32.28	3.821	40.65	50.3	26.464	0	0
"2011-01-22	03:00:00"	1.012	261.8	9.18	5.771	3.423	274.1	17.35	4.578	36.53	33.37	3.165	40.04	48.28	26.455	0	0
"2011-01-22	04:00:00"	5.431	281.5	7.473	6.964	3.073	309.6	8.07	4.578	37.26	32.12	5.139	38.49	50.32	26.443	0	0
"2011-01-22	05:00:00"	4.259	267	11.76	5.771	2.721	299.5	15.7	3.982	37.91	33.66	4.253	36.93	47.18	26.422	0	0
"2011-01-22	06:00:00"	4.203	247.3	15.31	6.368	2.237	280.6	19.08	3.982	37.79	33.98	3.801	36.8	46.09	26.403	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-22	07:00:00"	6.42	227.1	6.995	8.75	3.749	240.3	10.01	5.175	36.5	32.6	3.896	38.08	47.8	26.381	0	0
"2011-01-22	08:00:00"	7.056	202.2	7.388	8.75	3.542	205.5	12.03	5.175	34.42	30.38	4.037	40.76	52.45	26.362	2.4645	0
"2011-01-22	09:00:00"	6.356	198.6	7.918	8.75	3.691	201.1	12.31	5.175	33.24	31.59	1.656	42.65	50.5	26.366	102.91	0
"2011-01-22	10:00:00"	10.15	205.2	11.76	20.09	7.641	206.6	15.15	16.51	39.59	40.2	-0.608	35.03	37.98	26.365	278.33	0
"2011-01-22	11:00:00"	16.97	203.6	9.9	24.26	12.71	203.3	13.88	20.68	44.5	45.76	-1.266	29.03	30.71	26.352	436.27	0
"2011-01-22	12:00:00"	18.01	208.1	9.64	26.65	13.54	208.3	13.79	20.09	49.96	51.65	-1.696	24.27	25.16	26.319	559.45	0
"2011-01-22	13:00:00"	18.48	224.1	11.33	26.65	14.39	225.2	14.59	21.87	55.03	56.82	-1.792	20.59	21.02	26.275	626.22	0
"2011-01-22	14:00:00"	17.61	219	12.13	27.24	13.64	219.2	15.65	24.26	59.56	61.47	-1.91	17.86	17.94	26.23	628.68	0
"2011-01-22	15:00:00"	17.52	228.9	10.91	28.43	14.08	230.2	13.71	22.47	63.54	65.08	-1.541	15.4	15.36	26.189	553.94	0
"2011-01-22	16:00:00"	16.27	235.7	12.89	27.24	13.18	237	15.87	21.28	65.59	66.84	-1.25	14.56	14.5	26.17	447.15	0
"2011-01-22	17:00:00"	15.16	227.1	11.57	23.07	11.75	228.7	14.64	18.89	66.27	66.99	-0.717	13.99	14.14	26.155	288.22	0
"2011-01-22	18:00:00"	9.53	244.2	12.58	17.1	8.19	245.7	14.89	14.72	65.91	65.51	0.395	14.17	14.87	26.144	111.26	0
"2011-01-22	19:00:00"	2.367	260.8	17.8	11.14	4.442	264.5	21.12	8.75	62	58.77	3.225	16.01	18.7	26.152	3.1212	0
"2011-01-22	20:00:00"	1.988	247	24.31	9.35	1.855	219.7	58.09	4.578	57.6	54.15	3.459	18.43	22.36	26.167	0	0
"2011-01-22	21:00:00"	1.031	288.9	16.76	7.561	3.886	293.4	22.1	5.771	56.51	50.16	6.341	18.79	24.48	26.175	0	0
"2011-01-22	22:00:00"	2.227	305.9	9.45	8.16	3.394	302.9	13.43	6.368	51.31	45.52	5.796	22	28.38	26.177	0	0
"2011-01-22	23:00:00"	9.58	317.1	21.73	16.51	5.495	310.3	28.29	12.93	47.47	44.56	2.903	24.81	29.55	26.189	0	0
"2011-01-23	00:00:00"	15.35	344.4	7.613	22.47	10.93	341.6	10.78	17.1	50.16	49	1.16	23.67	26.75	26.215	0	0
"2011-01-23	01:00:00"	15.95	16.49	11.73	26.05	11.89	12.82	17.22	21.28	45.9	44.98	0.926	29.3	32.78	26.24	0	0
"2011-01-23	02:00:00"	16.28	26.86	6.412	23.07	12.51	25.78	11.2	19.49	44.51	43.66	0.859	35.68	39.57	26.252	0	0
"2011-01-23	03:00:00"	18.97	35.13	7.291	26.05	14.63	34.2	10.15	22.47	43.8	43.11	0.688	41.26	45.77	26.259	0	0
"2011-01-23	04:00:00"	20.11	34.56	6.52	29.03	15.58	32.9	10	24.86	43.03	42.41	0.625	43.55	48.14	26.281	0	0
"2011-01-23	05:00:00"	17.05	28.82	7.133	26.65	13.13	27.46	11.36	21.87	41.64	40.98	0.657	46.8	51.72	26.322	0	0
"2011-01-23	06:00:00"	15.83	24.71	6.201	23.07	12.21	23.34	10.98	18.3	40.05	39.41	0.642	49.39	54.6	26.352	0	0
"2011-01-23	07:00:00"	13.82	26.64	6.619	18.3	10.55	25	11.02	15.31	38.48	37.91	0.57	53.47	58.76	26.376	0	0
"2011-01-23	08:00:00"	12.36	23.15	6.009	17.1	9.44	21.12	11.67	15.31	38.73	38.32	0.402	54.24	59.27	26.405	2.6332	0
"2011-01-23	09:00:00"	10.51	18.42	6.973	15.91	7.977	14.83	12.56	13.52	39.33	39.06	0.265	53.8	58.49	26.44	17.145	0
"2011-01-23	10:00:00"	13.44	19.13	9.79	23.07	10.47	16.5	14.34	20.09	41.94	41.92	0.023	50.73	54.63	26.478	51.363	0
"2011-01-23	11:00:00"	16.24	21.32	7.633	22.47	12.65	19.06	14.05	20.09	43.09	43.33	-0.233	46.89	50.27	26.511	97.467	0
"2011-01-23	12:00:00"	16.27	25.86	8.17	23.07	12.83	24.13	13.56	20.68	43.82	44.36	-0.542	37.9	40.46	26.518	186.64	0
"2011-01-23	13:00:00"	12.47	39.45	16.49	18.89	9.94	37.53	18.44	17.7	46.78	48.61	-1.828	30.26	31.34	26.504	549.21	0
"2011-01-23	14:00:00"	11.05	39.27	18.78	19.49	8.99	38.14	22.48	17.7	48.74	50.8	-2.058	24.18	24.94	26.476	579.64	0
"2011-01-23	15:00:00"	6.79	40.08	34.22	14.72	5.979	37.84	40.21	12.93	49.43	51.27	-1.837	24.97	25.64	26.459	552.7	0
"2011-01-23	16:00:00"	4.734	11.61	59.36	13.52	4.355	10.7	66.02	12.93	50.21	51.7	-1.487	24.62	25.46	26.454	446.65	0
"2011-01-23	17:00:00"	1.969	336.8	47.33	8.75	3.452	329.8	54.28	8.75	50.45	51.53	-1.076	24.47	25.56	26.451	289.72	0
"2011-01-23	18:00:00"	1	354.3	45.34	1	2.192	353.4	47.18	5.771	50.25	50.46	-0.211	24.74	26.49	26.452	115.09	0
"2011-01-23	19:00:00"	1	237	68.16	1	1.671	269.1	96.4	3.982	48.82	46.76	2.063	25.91	29.85	26.445	3.4377	0
"2011-01-23	20:00:00"	1	160.4	19.24	1	3.144	144.6	29.9	5.771	44.94	41	3.936	29.08	34.88	26.452	0	0
"2011-01-23	21:00:00"	3.631	185.1	7.968	8.16	3.712	183.3	12.9	5.771	40.67	38.29	2.382	35.02	41.21	26.454	0	0
"2011-01-23	22:00:00"	6.773	194.3	8.91	8.75	4.036	199.4	12.54	5.771	36.49	34.45	2.035	42.49	48.76	26.448	0	0
"2011-01-23	23:00:00"	5.536	217.6	8.4	11.14	3.504	210.2	11.83	8.16	34.59	32.38	2.204	46.92	53.52	26.438	0	0
"2011-01-24	00:00:00"	6.421	222.5	7.918	9.35	3.936	215.7	12.6	6.368	33.35	30.83	2.528	52.58	59.01	26.433	0	0
"2011-01-24	01:00:00"	7.699	221.6	6.715	10.54	4.548	222	12.26	6.368	32.15	29.34	2.815	57.23	64.62	26.416	0	0
"2011-01-24	02:00:00"	6.151	213.5	8.14	8.16	3.615	210.3	9.44	5.175	31.01	28.67	2.345	61.7	68.78	26.394	0	0
"2011-01-24	03:00:00"	6.067	220	11.12	8.16	3.687	217.1	17.19	5.175	29.76	27.39	2.373	65.04	72.35	26.381	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-24	04:00:00"	6.237	221.1	6.258	8.75	3.753	219.1	9.66	5.175	29.17	26.59	2.581	67.16	75	26.369	0
"2011-01-24	05:00:00"	6.45	226.4	12.05	8.75	3.921	227.1	21.44	5.771	28.53	25.85	2.677	67.37	76.11	26.351	0
"2011-01-24	06:00:00"	6.951	217.5	7.061	9.95	4.081	223.8	11.09	6.368	29.17	26.14	3.027	64.68	74.63	26.329	0
"2011-01-24	07:00:00"	8.2	222.1	13.68	12.33	4.893	228.7	19.43	7.561	29.63	26.66	2.967	62.61	72.49	26.318	0
"2011-01-24	08:00:00"	6.937	244.8	9.54	9.35	4.345	251.3	11.29	5.771	30	26.89	3.116	61.61	71.69	26.324	2.7158
"2011-01-24	09:00:00"	6.46	241.7	15.41	9.35	4.279	241.8	18.15	6.964	30.94	29.91	1.035	60.44	67.87	26.332	108.12
"2011-01-24	10:00:00"	7.659	236	11.96	11.74	6.542	236.2	14.75	10.54	36.14	36.74	-0.601	52.37	55.86	26.345	283.57
"2011-01-24	11:00:00"	8.58	225.1	16.81	14.12	7.16	225.5	19.43	13.52	43.59	44.79	-1.203	41.06	42.8	26.335	446.9
"2011-01-24	12:00:00"	10.57	262.9	15.48	18.89	8.45	264.4	17.79	18.3	51.28	52.99	-1.713	29.83	30.42	26.318	567.29
"2011-01-24	13:00:00"	13.74	280.9	14.24	26.65	9.87	281.1	15.38	20.68	55.28	57.28	-2.003	20.69	21.02	26.299	635.06
"2011-01-24	14:00:00"	17.3	299.7	13.07	27.24	10.64	299.6	15.1	20.68	56.82	58.86	-2.038	13.56	13.99	26.275	641.28
"2011-01-24	15:00:00"	17.26	311.2	22.67	29.03	11.89	310	23	24.26	56.93	58.92	-1.99	13.4	13.8	26.259	563.53
"2011-01-24	16:00:00"	19	340.4	14.36	28.43	14.37	337.5	15.44	26.05	55.29	56.79	-1.504	16.13	16.74	26.275	407.1
"2011-01-24	17:00:00"	23.32	1.001	14.47	34.4	17.66	354.8	17.17	29.63	52.22	52.87	-0.655	23.1	24.35	26.313	213.42
"2011-01-24	18:00:00"	23.81	12.66	8.38	32.61	18.1	7.676	16.76	29.63	48.67	48.63	0.046	26.72	28.96	26.352	72.356
"2011-01-24	19:00:00"	21.53	11.88	7.277	32.01	16.35	6.304	15.32	26.05	45.67	45.28	0.387	30.63	33.47	26.391	2.4589
"2011-01-24	20:00:00"	23.37	15.11	8.27	36.19	17.85	10.8	16.08	32.01	43.53	43.15	0.378	33.97	37.13	26.438	0
"2011-01-24	21:00:00"	21.71	7.326	9.83	33.21	16.57	1.886	17.95	26.65	41.07	40.79	0.281	42.05	46.02	26.472	0
"2011-01-24	22:00:00"	19.57	2.429	13.87	28.43	14.74	356	15.41	26.05	37.65	37.33	0.315	57.59	62.26	26.5	0
"2011-01-24	23:00:00"	20.54	6.523	12.59	29.03	15.61	0.694	15.62	23.66	36.08	35.79	0.284	64.22	69.09	26.518	0
"2011-01-25	00:00:00"	17.84	11.67	7.97	26.65	13.64	6.537	13.85	21.28	35.79	35.52	0.275	65	69.92	26.53	0
"2011-01-25	01:00:00"	14.13	6.283	10.04	19.49	10.45	0.448	15.39	17.1	33.24	32.79	0.458	70.15	75.76	26.544	0
"2011-01-25	02:00:00"	13.1	8.61	7.374	19.49	9.71	3.412	14.28	15.91	30.93	30.48	0.447	74.88	80.6	26.546	0
"2011-01-25	03:00:00"	9.82	2.487	10.9	14.12	6.864	354.7	14.36	11.14	29.17	28.41	0.754	77.49	83.7	26.554	0
"2011-01-25	04:00:00"	8.84	354.7	12.66	11.74	6.073	348.1	10.85	9.35	28.13	27.39	0.738	78.88	85.3	26.564	0
"2011-01-25	05:00:00"	7.548	335.9	12.86	10.54	4.546	334.3	14.28	7.561	26.7	25.22	1.481	79.73	86.2	26.568	0
"2011-01-25	06:00:00"	9.38	360	11.86	12.33	5.681	354.6	12.79	9.95	23.54	21.93	1.61	80.7	87.5	26.559	0
"2011-01-25	07:00:00"	9.42	353.6	12.31	12.33	6.094	347.4	12.05	9.35	22.44	21.39	1.052	79.53	86.2	26.56	0
"2011-01-25	08:00:00"	9.48	324.6	9.67	13.52	5.486	323.5	11.76	8.75	20.47	19.42	1.053	79.08	85.8	26.573	2.6103
"2011-01-25	09:00:00"	7.252	310.2	11.35	11.74	4.087	307.2	14.41	7.561	22.77	22.66	0.107	78.7	85.2	26.576	100.91
"2011-01-25	10:00:00"	6.291	321.3	12.29	9.95	4.588	318.8	14.35	8.16	30.47	31.46	-0.993	74.92	78.49	26.591	286.93
"2011-01-25	11:00:00"	5.374	305.1	36.17	9.95	4.059	303	41.03	8.16	36.48	37.73	-1.258	56.28	58.33	26.598	447.44
"2011-01-25	12:00:00"	4.136	212.2	47.88	8.16	3.632	209.6	47.39	7.561	39.83	41.01	-1.177	42.36	44.46	26.587	562.6
"2011-01-25	13:00:00"	5.299	205.6	45.59	11.74	4.521	205	49.91	9.95	42.3	43.66	-1.366	32.07	33.64	26.554	631.16
"2011-01-25	14:00:00"	8.29	233	31.37	15.91	6.881	233.8	34.26	13.52	44.07	45.96	-1.897	27.9	28.93	26.514	641.13
"2011-01-25	15:00:00"	9.64	218.9	19.93	17.7	7.782	218.7	25.32	15.91	45.54	47.43	-1.887	27.71	28.54	26.481	564.6
"2011-01-25	16:00:00"	11.99	223.2	14.98	20.68	9.7	224.5	18.54	17.7	47.03	48.59	-1.554	27.17	28.06	26.459	418.89
"2011-01-25	17:00:00"	12.81	235.3	14.86	20.09	10.28	236.8	17.42	16.51	47.59	48.66	-1.073	23.88	25.23	26.448	285.56
"2011-01-25	18:00:00"	11.43	226.4	13.59	18.89	8.87	227.7	15.8	16.51	47.11	47.34	-0.225	22.8	24.81	26.44	131.62
"2011-01-25	19:00:00"	8.39	190.3	8.64	12.33	5.427	188.8	12.41	8.75	43.73	42.53	1.196	26.33	30.21	26.431	3.0864
"2011-01-25	20:00:00"	8.57	176.5	5.939	12.33	5.044	168.1	8.66	8.75	40.35	38.41	1.942	28.67	33.85	26.433	0
"2011-01-25	21:00:00"	7.335	171.8	5.88	10.54	3.896	167.4	9.47	6.368	37.6	35.6	1.993	32.12	37.84	26.432	0
"2011-01-25	22:00:00"	6.436	167.6	6.209	8.75	3.184	168.2	8.55	5.175	35.32	33.29	2.037	35.36	42.18	26.433	0
"2011-01-25	23:00:00"	6.756	179.8	10.18	10.54	3.665	180.6	15.24	6.964	35.35	33.05	2.298	35.34	42.51	26.442	0
"2011-01-26	00:00:00"	6.087	204.1	8.11	7.561	3.707	217.3	13.5	5.175	35.04	32.38	2.665	34.32	41.22	26.451	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-26	01:00:00"	7.22	187.5	6.506	9.95	4.095	193.7	10.46	6.964	35.25	32.6	2.644	35.12	42.25	26.45		0	0
"2011-01-26	02:00:00"	4.865	180.8	12.29	8.75	2.462	183.9	23.85	4.578	35.07	32.74	2.324	36.29	43.25	26.444		0	0
"2011-01-26	03:00:00"	1.259	172.1	61.82	4.578	2.225	77.51	90	5.175	34.15	31.38	2.775	38.04	45.57	26.439		0	0
"2011-01-26	04:00:00"	1	345.8	25.37	1	3.49	356.4	20.88	5.771	34.79	29.35	5.441	38.47	49.76	26.443		0	0
"2011-01-26	05:00:00"	1	185.4	27.39	1	2.137	168.6	88.4	5.175	35.7	31.17	4.529	40.38	49.87	26.44		0	0
"2011-01-26	06:00:00"	1	271	31.82	1	3.7	321.4	36.07	5.771	35.12	27.53	7.587	43.74	55.98	26.449		0	0
"2011-01-26	07:00:00"	3.336	236	20.81	5.771	2.718	266.6	35.12	4.578	35.42	30.9	4.521	45.41	54.94	26.466		0	0
"2011-01-26	08:00:00"	3.829	232.8	20.54	6.368	2.658	258.3	34.33	5.175	35.05	31.3	3.747	47.01	55.16	26.481	1.6561		0
"2011-01-26	09:00:00"	6.837	296.5	26.03	11.74	4.495	312.8	12.61	8.75	31.89	29.1	2.795	49.94	58.27	26.503	61.315		0
"2011-01-26	10:00:00"	4.817	294.9	60.39	10.54	3.929	292.4	62.46	8.75	36.58	37.15	-0.572	45	48.31	26.537	228.56		0
"2011-01-26	11:00:00"	4.974	86	68.91	14.12	4.762	83.1	69.93	12.93	41.18	42.2	-1.016	37.57	40.15	26.552	439.35		0
"2011-01-26	12:00:00"	10.02	18.19	16.95	15.91	8.27	14.54	21.75	12.93	44.16	46.17	-2.013	28.48	29.7	26.558	578.39		0
"2011-01-26	13:00:00"	10.62	4.968	15.55	17.7	8.62	359.8	19.55	14.72	46.84	49.04	-2.204	26.08	26.74	26.544	593.89		0
"2011-01-26	14:00:00"	8.79	17.52	26.96	15.91	7.239	13.54	29.58	14.12	50.15	52.25	-2.103	23.67	24.28	26.522	544.92		0
"2011-01-26	15:00:00"	7.484	57.17	27.38	14.12	6.278	57.83	31.46	11.74	51.5	53.29	-1.794	22.94	23.78	26.507	539.32		0
"2011-01-26	16:00:00"	10.06	33.41	22.63	19.49	8.14	31.24	26.55	15.91	52.24	53.9	-1.655	23.23	24.19	26.505	453.5		0
"2011-01-26	17:00:00"	9.77	43.02	21.81	17.1	7.881	41.66	24.23	14.12	52.33	53.44	-1.115	22.42	23.77	26.514	299.63		0
"2011-01-26	18:00:00"	6.462	64.48	13.2	12.33	5.629	61.91	14.81	10.54	51.65	51.62	0.029	21.96	24.13	26.527	123.31		0
"2011-01-26	19:00:00"	5.241	65.28	3.395	8.16	3.376	50.41	10.95	4.578	48.82	44.57	4.25	23.76	30.12	26.541	4.6186		0
"2011-01-26	20:00:00"	8.19	41.75	18.39	14.12	4.536	21.49	13.73	9.35	44.77	39.4	5.371	26.53	34.65	26.561	0		0
"2011-01-26	21:00:00"	9.34	32.5	14.5	12.93	5.263	24.38	18.71	8.75	39.11	34.95	4.159	31.96	40.34	26.58	0		0
"2011-01-26	22:00:00"	8.67	27.66	4.655	9.95	4.308	14.04	8.24	5.771	38.64	31.63	7.013	33.45	44.57	26.592	0		0
"2011-01-26	23:00:00"	9.48	19.31	7.677	12.33	4.944	12.93	9.65	7.561	35.79	31.11	4.685	36.2	46.41	26.604	0		0
"2011-01-27	00:00:00"	10.33	8.71	3.961	12.33	5.703	3.567	10.38	7.561	34.28	31.4	2.879	39.83	48.06	26.618	0		0
"2011-01-27	01:00:00"	10.37	11.24	2.834	11.74	5.096	4.692	9.91	7.561	35	30.52	4.481	45.01	54.64	26.623	0		0
"2011-01-27	02:00:00"	9.1	7.062	3.222	11.14	4.426	353.1	7.546	5.771	38.34	28.9	9.44	46.48	61.33	26.614	0		0
"2011-01-27	03:00:00"	8.03	354.2	12.35	9.95	4.593	335.8	14.45	6.368	35.94	26.52	9.42	50.52	65.59	26.601	0		0
"2011-01-27	04:00:00"	9.15	332.5	4.06	10.54	4.573	332.7	8.79	5.771	35.15	25.76	9.39	53.48	69.21	26.586	0		0
"2011-01-27	05:00:00"	9.69	328.6	2.783	11.14	5.005	327	5.712	6.964	32.36	26.77	5.587	58.2	71.18	26.578	0		0
"2011-01-27	06:00:00"	10.46	318.2	3.622	14.12	5.224	318.2	5.599	9.95	33.41	26.58	6.832	58.46	72.98	26.576	0		0
"2011-01-27	07:00:00"	12.23	312.9	5.498	15.91	6.716	313.7	8.85	11.14	28.53	27.22	1.308	62.09	69.81	26.588	0		0
"2011-01-27	08:00:00"	11.24	315.8	4.484	14.12	5.953	316.8	8.41	9.35	28.09	26.02	2.073	63.33	71.97	26.602	3.2769		0
"2011-01-27	09:00:00"	9.85	309.5	5.64	12.33	5.247	312.6	9.71	8.75	30.58	29.42	1.166	60.25	67.43	26.605	114.52		0
"2011-01-27	10:00:00"	9.18	295.7	12.03	12.93	5.702	295.8	14.21	10.54	39.29	40.15	-0.859	46.82	49.51	26.625	292.86		0
"2011-01-27	11:00:00"	10.49	263.5	13.27	16.51	8.44	265.5	15.09	14.12	46.72	48.06	-1.343	36.13	37.36	26.629	456.82		0
"2011-01-27	12:00:00"	11.16	269.4	14.82	16.51	8.71	269.6	16.91	16.51	51.55	53.35	-1.8	29.28	29.76	26.62	583.67		0
"2011-01-27	13:00:00"	11.52	285.6	16.53	18.89	8.35	285.3	18.86	15.91	54.62	56.85	-2.232	22.81	22.91	26.604	651.51		0
"2011-01-27	14:00:00"	11.24	276.5	21.95	18.89	8.22	277.9	23.49	17.1	56.45	58.6	-2.157	18.61	18.76	26.569	657.43		0
"2011-01-27	15:00:00"	11.37	279.8	19.34	18.3	8.18	280.4	20.74	17.7	57.72	59.77	-2.054	16.67	16.82	26.541	582.31		0
"2011-01-27	16:00:00"	10.17	272.5	18.09	20.09	7.706	273.5	20.38	14.72	58.48	60.25	-1.764	15.22	15.51	26.525	476.05		0
"2011-01-27	17:00:00"	9.49	292.1	21.64	15.31	6.373	291.9	24.12	12.33	58.66	59.92	-1.259	15.07	15.56	26.528	314.09		0
"2011-01-27	18:00:00"	7.508	287.3	14.5	12.93	4.847	289.7	15.44	10.54	58	57.89	0.111	15.11	16.35	26.523	134.15		0
"2011-01-27	19:00:00"	2.469	279.8	18.38	7.561	2.496	290.3	25.54	4.578	55.26	52.16	3.1	16.97	20.14	26.529	5.7971		0
"2011-01-27	20:00:00"	1	270.4	13.98	1	2.314	281.3	19.4	5.175	54.23	50.94	3.283	17.47	21.06	26.536	0		0
"2011-01-27	21:00:00"	1	244.7	6.509	1	1.429	249.1	26.73	3.386	51.9	48.57	3.321	19	22.79	26.543	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-27	22:00:00"	2.924	224.5	13.65	7.561	3.887	220.7	21.28	5.771	47.38	42.87	4.506	21.49	27.11	26.547	0
"2011-01-27	23:00:00"	5.336	246.4	8.05	7.561	3.676	258.5	11.99	5.771	46.22	42.86	3.359	22.1	26.96	26.548	0
"2011-01-28	00:00:00"	1	243.6	3.441	1	4.599	256.8	5.725	5.771	45.03	40.89	4.145	22.91	28.55	26.549	0
"2011-01-28	01:00:00"	1	245	5.427	1	4.234	258.6	7.859	6.964	43.41	39.71	3.703	24.4	29.91	26.548	0
"2011-01-28	02:00:00"	1	259.7	6.407	1	4.214	276.7	9.84	5.771	42.59	38.59	3.997	25.7	31.7	26.539	0
"2011-01-28	03:00:00"	3.183	246.9	5.802	9.35	4.46	259.7	7.241	7.561	42.82	38.98	3.847	26.27	32.16	26.534	0
"2011-01-28	04:00:00"	3.088	271.8	16.15	7.561	3.707	281.2	18.16	5.771	40.43	35.28	5.142	27.83	35.62	26.52	0
"2011-01-28	05:00:00"	1.801	290.8	4.652	9.95	3.371	304.5	7.236	6.368	40.36	31.72	8.64	27.5	38.8	26.502	0
"2011-01-28	06:00:00"	4.161	289.6	9.84	9.35	3.588	305.1	7.883	5.771	41.61	32.92	8.69	26.22	37.43	26.496	0
"2011-01-28	07:00:00"	1	308.9	5.505	1	5.169	321.8	6.681	6.964	40.38	30.12	10.26	26.88	40.07	26.488	0
"2011-01-28	08:00:00"	1	296.2	30.81	1	3.358	291.9	51.46	6.368	38.68	30.91	7.766	27.43	39.07	26.498	3.7118
"2011-01-28	09:00:00"	1	310.9	5.868	1	4.095	309.1	12.1	7.561	39.01	36.18	2.833	25.97	32.59	26.515	119.12
"2011-01-28	10:00:00"	1.003	310.7	8.32	2.789	5.35	308.6	11.73	9.95	47.15	47.96	-0.81	20.07	22.06	26.531	299.83
"2011-01-28	11:00:00"	6.472	294.6	15.09	11.74	5.768	292.6	17.11	9.35	52.1	53.65	-1.551	17.42	18.47	26.536	465.32
"2011-01-28	12:00:00"	4.367	265.2	25.35	11.14	5.413	267.2	28.19	10.54	56.35	57.94	-1.59	15.21	15.92	26.526	590.16
"2011-01-28	13:00:00"	7.406	237	23.87	15.31	6.997	238	27.88	14.72	60.43	62.06	-1.629	10.84	11.34	26.497	660.96
"2011-01-28	14:00:00"	8.83	236.5	21.84	15.91	8.03	238	24.39	15.31	62.32	64.14	-1.82	8.98	9.31	26.461	665.87
"2011-01-28	15:00:00"	9.6	233.5	18.73	17.1	8.18	234.1	22.32	15.31	64.11	65.81	-1.703	8.01	8.21	26.434	591.56
"2011-01-28	16:00:00"	9.74	223.3	22.02	21.28	8.23	223.9	26.02	21.28	65.21	66.74	-1.528	7.819	7.987	26.416	481.39
"2011-01-28	17:00:00"	10.24	200.1	14.55	16.51	8.22	199.7	18.22	14.72	64.56	65.62	-1.053	8.63	9.06	26.407	322.49
"2011-01-28	18:00:00"	10.12	196.8	8.69	15.91	7.335	195.2	12.24	13.52	63	62.78	0.218	7.245	8.37	26.405	141.89
"2011-01-28	19:00:00"	5.782	183.3	6.374	9.35	4.232	172.7	9.4	6.368	58.01	54.86	3.151	7.804	12.16	26.407	6.1564
"2011-01-28	20:00:00"	1.222	173.4	5.137	8.75	3.526	163.4	7.678	5.175	53.55	49.92	3.627	9.48	13.87	26.411	0
"2011-01-28	21:00:00"	3.997	175.7	6.008	9.95	3.872	170.1	9.4	6.964	50.29	47.12	3.17	11.63	16.28	26.413	0
"2011-01-28	22:00:00"	4.664	184.9	8.15	14.12	4.596	188.2	12.96	8.16	47.3	44.37	2.929	14.08	18.85	26.413	0
"2011-01-28	23:00:00"	6.692	188.7	4.085	8.75	3.756	175.4	8.26	5.771	45.69	40.76	4.932	16.2	23.23	26.407	0
"2011-01-29	00:00:00"	1.744	207.2	28.01	6.368	2.443	196.9	41.61	4.578	45.28	41	4.273	17.89	23.22	26.399	0
"2011-01-29	01:00:00"	6.258	203.8	22.04	9.95	3.76	192.5	27.14	6.368	43.85	39.72	4.124	19.81	25.66	26.392	0
"2011-01-29	02:00:00"	7.962	197.7	13.53	9.95	4.104	194.9	23.38	5.771	43.35	37.82	5.525	22.73	30.14	26.375	0
"2011-01-29	03:00:00"	6.031	219.9	7.686	8.75	3.08	220.3	22.5	5.175	43.8	39.49	4.307	22.22	28	26.365	0
"2011-01-29	04:00:00"	3.107	214.9	14.65	6.964	2.999	206.4	28.76	4.578	42.33	38.05	4.282	23.68	30.5	26.354	0
"2011-01-29	05:00:00"	1	242.5	26.4	1	2.346	240.6	49.07	4.578	41.37	36.88	4.497	24.84	31.15	26.344	0
"2011-01-29	06:00:00"	1	233.5	19.95	1	2.729	208.6	28.78	5.175	38.81	34.45	4.365	26.78	34.56	26.343	0
"2011-01-29	07:00:00"	1	215.1	11.45	1	3.059	213.6	25.79	5.771	38.52	32.19	6.324	26.68	36.42	26.34	0
"2011-01-29	08:00:00"	3.446	235.4	33.43	8.16	3.739	240.9	42.5	5.771	37.49	33.2	4.292	26.99	34.61	26.347	3.6726
"2011-01-29	09:00:00"	7.311	292.6	11.54	9.95	3.483	299.8	17.34	6.368	37.76	34.54	3.229	26.67	32.82	26.363	108.28
"2011-01-29	10:00:00"	7.118	270.2	11.46	12.93	5.591	271.3	14.6	9.95	45.28	46.1	-0.824	20.74	22.82	26.377	293.76
"2011-01-29	11:00:00"	7.596	266.3	14.96	15.31	7.195	267.5	16.39	12.33	53.62	54.9	-1.279	16.46	17.54	26.378	456.8
"2011-01-29	12:00:00"	11.83	225.1	18.7	18.89	9.67	225.9	21.48	15.91	61.17	62.74	-1.575	13.64	13.98	26.37	583.96
"2011-01-29	13:00:00"	16.65	238.8	18.87	29.63	13.44	240.6	21.1	27.84	64.71	66.39	-1.678	12.31	12.28	26.341	651.82
"2011-01-29	14:00:00"	20.7	256.2	12.17	32.61	16.34	258	14.06	28.43	66.93	68.59	-1.656	11.27	11.04	26.3	652.39
"2011-01-29	15:00:00"	21.63	257.5	12.83	32.61	17.07	259.5	14.39	28.43	67.77	69.3	-1.53	10.6	10.35	26.273	577.22
"2011-01-29	16:00:00"	20.42	256	14.04	30.22	15.99	258.1	16.06	25.45	68.52	69.74	-1.22	10.37	10.16	26.263	467.98
"2011-01-29	17:00:00"	20.55	265.8	10.19	30.82	15.69	267.2	12.3	25.45	68.41	69.11	-0.7	9.03	9.06	26.263	311.36
"2011-01-29	18:00:00"	17.35	269.7	9.64	27.84	13.07	271.5	11.63	22.47	66.97	66.84	0.129	8.62	9.08	26.271	132.91

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-29	19:00:00"	13.81	265.3	8.8	20.68	10.22	267.5	10.57	16.51	63	61.99	1.012	9.89	11.08	26.29	2.8912	0
"2011-01-29	20:00:00"	14.25	267	8.63	21.87	10.49	269.3	10.62	16.51	60.12	59.03	1.094	12.36	13.95	26.31	0	0
"2011-01-29	21:00:00"	9.82	238.6	16.95	16.51	6.672	239.3	20.49	12.93	55.34	53.4	1.939	14.88	17.45	26.318	0	0
"2011-01-29	22:00:00"	7.493	232.6	9.09	10.54	4.656	233.1	9.58	8.16	49.74	46.52	3.229	18.37	22.3	26.323	0	0
"2011-01-29	23:00:00"	5.74	242.2	6.842	11.74	4.543	241.2	9.54	9.35	48.56	45.13	3.425	20.13	24.43	26.336	0	0
"2011-01-30	00:00:00"	5.072	242.1	9.24	9.35	4.529	233.6	12.13	5.771	47.36	42.55	4.817	21.14	26.77	26.335	0	0
"2011-01-30	01:00:00"	2.886	222.1	6.649	8.16	4.056	222.7	12.04	5.175	46.01	41.55	4.458	22.23	27.87	26.326	0	0
"2011-01-30	02:00:00"	6.187	199.3	5.814	9.95	4.585	203.4	9.44	6.368	42.76	38.01	4.749	25.21	31.75	26.313	0	0
"2011-01-30	03:00:00"	3.779	211	5.495	10.54	4.78	212.1	7.969	6.964	41.35	37.01	4.34	26.55	33.12	26.313	0	0
"2011-01-30	04:00:00"	6.876	231.6	14.17	9.95	4.449	236.3	17.63	6.368	41.12	36.09	5.026	27.12	34.41	26.318	0	0
"2011-01-30	05:00:00"	8.28	299	25.08	12.33	4.482	309.8	24.81	8.16	41.54	35.88	5.662	24.99	33.98	26.321	0	0
"2011-01-30	06:00:00"	10.52	340.4	8.25	13.52	6.881	336.9	9.81	11.14	37.7	36.02	1.682	31.43	36.26	26.339	0	0
"2011-01-30	07:00:00"	13.48	354.7	12.42	23.07	9.73	349	12.88	18.89	35.75	34.99	0.76	48.85	54.1	26.359	0	0
"2011-01-30	08:00:00"	14.47	0.888	14.19	24.26	10.73	354.5	14.44	19.49	35.27	34.71	0.567	56.82	62.15	26.392	3.7734	0
"2011-01-30	09:00:00"	17.48	7.577	10.31	24.86	13.22	1.574	15.96	20.68	35.23	35.27	-0.045	57.95	62.19	26.412	116.54	0
"2011-01-30	10:00:00"	18.91	15.38	10.69	25.45	14.62	11.4	17.13	21.87	37.2	38.07	-0.87	57.6	59.99	26.442	292.56	0
"2011-01-30	11:00:00"	11.45	25.14	13.22	20.68	9.4	22.64	17.71	17.1	39.38	41.06	-1.682	54.21	54.99	26.466	454.83	0
"2011-01-30	12:00:00"	7.289	2.35	27.69	14.72	6.023	1.015	31.51	12.33	42.84	44.89	-2.051	47.56	47.55	26.475	580	0
"2011-01-30	13:00:00"	6.664	322.3	30.12	14.72	5.165	319.2	31.79	11.74	46.73	48.78	-2.057	41.25	41.14	26.462	648.9	0
"2011-01-30	14:00:00"	6.101	284.3	40.03	12.33	4.781	282.6	43.64	11.14	50.19	52.1	-1.916	35.92	35.87	26.428	653.37	0
"2011-01-30	15:00:00"	3.878	269.3	53.11	12.33	3.969	267.3	59	9.35	53.96	55.37	-1.414	31.41	31.75	26.395	581.24	0
"2011-01-30	16:00:00"	3.282	232.6	51.96	11.74	4.055	233.6	56.98	8.75	57.74	58.96	-1.226	27.47	27.74	26.376	474.26	0
"2011-01-30	17:00:00"	2.539	194.8	42.7	14.72	4.18	190.8	47.68	12.33	60.66	61.48	-0.815	23.89	24.3	26.355	316.09	0
"2011-01-30	18:00:00"	4.129	195.1	19.81	9.95	5.011	191.6	23.15	9.35	61.63	61.72	-0.09	22.22	23.09	26.353	142.47	0
"2011-01-30	19:00:00"	1	181.6	16.33	1	3.406	167.6	21.38	5.175	58.33	56.23	2.099	22.82	26.2	26.358	9.0773	0
"2011-01-30	20:00:00"	8.07	120.1	10.11	11.74	4.357	95.3	19.29	8.16	51.6	46.88	4.727	29.21	34.89	26.354	0	0
"2011-01-30	21:00:00"	8.81	128.5	7.131	12.33	5.039	119.7	10.91	8.16	47.44	45.32	2.123	33.92	38.26	26.354	0	0
"2011-01-30	22:00:00"	8.76	146.8	12.22	13.52	5.438	141.1	16.89	9.35	45.8	44.18	1.617	36.47	40.89	26.356	0	0
"2011-01-30	23:00:00"	5.958	167.4	16.31	10.54	3.988	174.1	25.41	7.561	43.67	41.94	1.73	39.04	44.56	26.357	0	0
"2011-01-31	00:00:00"	4.041	186.1	11.13	8.16	3.132	203.3	32.89	4.578	43.12	40.51	2.606	39.82	46.86	26.355	0	0
"2011-01-31	01:00:00"	7.123	201.5	9.06	9.35	4.033	207.2	15.68	6.368	43.17	39.46	3.72	38.52	47.2	26.349	0	0
"2011-01-31	02:00:00"	5.822	200.9	11.74	7.561	3.627	206.7	20.29	5.175	42.98	40.28	2.7	38.39	45.41	26.331	0	0
"2011-01-31	03:00:00"	6.972	187.4	7.941	8.75	4.073	189.2	9.41	5.771	41.53	38.54	2.988	40.63	48.82	26.322	0	0
"2011-01-31	04:00:00"	6.359	183.9	9.42	8.75	3.688	186.4	17.49	5.771	41.67	39.02	2.641	40.35	48.68	26.315	0	0
"2011-01-31	05:00:00"	5.702	214.3	6.756	9.35	3.832	224.1	11.77	6.368	41.2	38.59	2.606	40.51	48.15	26.309	0	0
"2011-01-31	06:00:00"	4.283	236.8	13.44	7.561	3.607	263.2	19.04	5.175	41.87	38.29	3.579	39.29	48.23	26.297	0	0
"2011-01-31	07:00:00"	2.41	255.8	33.21	8.16	3.35	274.8	35.35	5.175	41.3	35.76	5.541	40	51.74	26.289	0	0
"2011-01-31	08:00:00"	3.921	218.4	34.29	8.16	2.428	183.9	47.64	4.578	40.5	34.78	5.719	40.7	54.23	26.299	4.1491	0
"2011-01-31	09:00:00"	6.483	190	11.52	9.95	4.181	187.8	16.06	6.368	41.59	40.16	1.433	38.91	45.76	26.314	113.81	0
"2011-01-31	10:00:00"	4.126	213.5	9.54	7.561	4.875	218.4	12.16	7.561	46.06	46.72	-0.664	33.78	35.84	26.323	287.05	0
"2011-01-31	11:00:00"	6.734	216	11.05	12.33	6.835	217.2	14.76	9.95	53.28	54.61	-1.323	26.7	27.58	26.311	453.82	0
"2011-01-31	12:00:00"	7.117	220.3	17.5	12.33	7.07	221.9	21	11.14	58.12	59.86	-1.742	24.78	24.85	26.294	581.97	0
"2011-01-31	13:00:00"	6.319	236.8	24.6	14.12	6.591	239.2	28.09	12.93	61.98	63.66	-1.679	22.55	22.37	26.259	653.13	0
"2011-01-31	14:00:00"	5.416	218.7	33.83	15.31	6.175	219.1	36.8	13.52	63.33	64.95	-1.615	22	21.74	26.207	630.25	0
"2011-01-31	15:00:00"	8.55	221.6	27.4	18.3	7.385	222.3	31.08	14.72	64.16	65.53	-1.363	20.06	19.95	26.163	416.09	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-01-31	16:00:00"	9.44	231.7	20.75	18.89	8.26	233.8	25.52	17.7	65.04	66.44	-1.394	17.18	17.03	26.139	446.59	0
"2011-01-31	17:00:00"	6.849	226.4	27.45	18.89	7.411	226.4	30.36	15.31	65.41	66.3	-0.885	17.57	17.62	26.124	264.32	0
"2011-01-31	18:00:00"	3.612	199.7	29.77	12.33	3.06	204.4	45.26	9.35	64.33	63.76	0.565	18.53	19.83	26.125	49.817	0
"2011-01-31	19:00:00"	17.7	8.87	58.77	35	13.88	6.784	55.83	29.03	51.41	51.11	0.297	37.16	39.56	26.177	1.1042	0
"2011-01-31	20:00:00"	25.61	38.36	9.68	36.78	20.21	36.99	12.02	30.82	38.25	38.57	-0.327	59.86	63.12	26.23	0	0
"2011-01-31	21:00:00"	25.87	29.26	8.62	37.38	20.46	27.63	12.81	32.01	33.71	34.06	-0.352	67.97	71.66	26.293	0	0
"2011-01-31	22:00:00"	23	40.69	8.27	32.61	18.03	39.15	10.29	27.84	30.8	30.96	-0.162	76.43	81.9	26.308	0	0
"2011-01-31	23:00:00"	20.36	47.52	10.44	29.03	15.9	45.99	12.27	25.45	28.16	28.29	-0.131	80.3	86	26.323	0	0.01
"2011-02-01	00:00:00"	17.42	55.96	7.867	26.65	13.34	54.24	9.84	21.87	26.69	26.82	-0.127	81.7	87.5	26.316	0	0.01
"2011-02-01	01:00:00"	17.64	38.72	10.12	27.84	13.91	37.09	12.19	24.26	25.49	25.61	-0.122	80.4	86.4	26.328	0	0
"2011-02-01	02:00:00"	20.47	30.13	7.48	29.63	16.4	28.7	11.67	25.45	23.01	23.14	-0.122	75.67	82.5	26.351	0	0
"2011-02-01	03:00:00"	20.78	30.67	7.847	35	16.64	29.35	11.55	28.43	19.96	20.15	-0.186	73.43	80.5	26.395	0	0
"2011-02-01	04:00:00"	24.03	17.36	7.408	35	18.83	13.82	15.04	29.63	17.94	18.06	-0.11	67.41	75.41	26.422	0	0
"2011-02-01	05:00:00"	23.46	15.3	8.07	36.19	18.18	11.13	15.61	33.8	15.39	15.55	-0.156	63.03	71.33	26.432	0	0
"2011-02-01	06:00:00"	22.99	14.85	8.86	33.8	17.72	10.72	16.27	27.84	13.6	13.82	-0.215	61.76	70.02	26.453	0.00336	0
"2011-02-01	07:00:00"	23.08	14.35	8.69	33.8	17.79	9.57	14.9	29.03	12.76	12.96	-0.203	59.86	68.15	26.481	0.01114	0
"2011-02-01	08:00:00"	20.42	10.34	10.68	32.01	15.73	5.234	17.38	25.45	11.9	12.06	-0.156	60.11	68.14	26.52	1.7151	0
"2011-02-01	09:00:00"	20.56	13.38	9.34	30.82	15.86	8.36	15.07	26.05	11.62	11.9	-0.285	59.56	67.61	26.544	40.168	0
"2011-02-01	10:00:00"	16.33	9.55	9.82	22.47	12.7	4.438	15.71	20.09	12.42	13.08	-0.662	63.73	71.06	26.569	153.34	0
"2011-02-01	11:00:00"	17.87	7.769	12.27	26.65	13.71	1.741	16.44	21.87	13.59	14.53	-0.943	63.55	70.71	26.569	257.69	0
"2011-02-01	12:00:00"	18.64	8.18	12.93	28.43	14.65	2.908	16.38	24.26	13.47	14.53	-1.063	57.09	64.48	26.574	308.22	0
"2011-02-01	13:00:00"	17.63	15.08	10.84	26.65	13.74	11.22	17.07	22.47	14.34	15.63	-1.289	52.52	60.17	26.571	336.21	0
"2011-02-01	14:00:00"	17.17	16.39	11.09	26.65	13.58	12.88	16.83	22.47	14.98	16.43	-1.45	51.98	60	26.541	419.65	0
"2011-02-01	15:00:00"	16.61	11.82	11.77	25.45	13.05	6.675	16.98	21.28	15.21	16.48	-1.272	52.77	60.84	26.532	295.16	0
"2011-02-01	16:00:00"	16.8	19.03	9.97	24.26	13.29	16.3	15.38	20.68	15.41	16.53	-1.115	52.23	60	26.524	238.37	0
"2011-02-01	17:00:00"	18.24	25.97	10.14	27.24	14.46	23.64	15.17	22.47	15.28	16.13	-0.846	51.54	59.08	26.518	147.02	0
"2011-02-01	18:00:00"	17.47	35.78	10.41	26.65	13.81	34.31	12.94	23.07	14.68	15.16	-0.488	50.6	58.05	26.533	45.441	0
"2011-02-01	19:00:00"	16.32	29	7.789	23.07	12.96	27.49	11.61	20.68	12.98	13.29	-0.311	54.93	62.29	26.569	2.8757	0
"2011-02-01	20:00:00"	17.51	28.21	7.838	26.05	13.84	27.14	12.19	23.07	11.66	11.97	-0.316	59.89	67.01	26.594	0.01268	0
"2011-02-01	21:00:00"	18.8	31.59	7.019	26.05	15.06	29.99	10.97	23.07	10.64	10.92	-0.282	59.56	66.66	26.619	0.03438	0
"2011-02-01	22:00:00"	18.57	24.02	7.696	28.43	14.6	21.48	13.28	23.66	9.84	10.15	-0.305	60.76	67.91	26.644	0.02881	0
"2011-02-01	23:00:00"	18.79	23.54	7.698	27.84	14.56	21.05	13.87	24.26	8.74	9.01	-0.264	62.67	70.28	26.675	0.07337	0
"2011-02-02	00:00:00"	17.36	26.29	8.68	27.84	13.79	24.39	12.99	24.26	7.484	7.67	-0.186	67.3	74.97	26.696	0.09317	0
"2011-02-02	01:00:00"	15.93	29.08	7.567	22.47	12.79	27.75	11.29	19.49	6.856	6.998	-0.142	66.07	73.84	26.707	0.11072	0
"2011-02-02	02:00:00"	16.4	31	7.614	24.86	13.26	29.82	11.17	21.87	6.417	6.487	-0.07	63.85	71.94	26.717	0.13957	0
"2011-02-02	03:00:00"	14.46	29.66	8.51	21.28	11.53	28.16	11.92	18.89	5.826	5.911	-0.086	65.96	73.96	26.718	0.0975	0
"2011-02-02	04:00:00"	15.22	32.07	7.645	21.28	12.11	30.79	10.96	18.3	5.405	5.477	-0.072	65.99	73.98	26.716	0.03891	0
"2011-02-02	05:00:00"	14.61	28.62	7.569	21.87	11.71	26.59	11.45	18.3	4.669	4.806	-0.137	67.4	75.16	26.716	0.03411	0
"2011-02-02	06:00:00"	17.2	32.39	8.07	27.24	13.76	30.99	11.47	23.07	3.825	3.961	-0.137	63.69	71.52	26.728	0.00509	0
"2011-02-02	07:00:00"	15.13	34.03	7.488	23.66	12.15	32.51	10.22	21.87	3.465	3.61	-0.145	64.5	72.48	26.742	0.00894	0
"2011-02-02	08:00:00"	16.16	36.13	8.06	24.26	12.91	35.01	10.59	20.68	2.724	2.828	-0.104	63.73	71.58	26.758	2.2747	0
"2011-02-02	09:00:00"	16.34	38.73	8.29	24.26	13.05	37.68	10.96	21.28	2.462	2.697	-0.235	63.05	70.97	26.768	60.839	0
"2011-02-02	10:00:00"	17.48	37.63	8.72	26.05	14.19	35.9	11.39	24.26	3.711	4.479	-0.768	60.11	68.27	26.778	291.52	0
"2011-02-02	11:00:00"	16.15	34.68	10.68	24.26	13.13	33.19	13.26	20.09	4.787	5.839	-1.052	59.84	67.76	26.797	305.72	0
"2011-02-02	12:00:00"	15.9	35.75	10.62	23.07	12.94	33.72	13.21	20.09	5.795	6.924	-1.128	60.39	68.5	26.804	356.62	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-02	13:00:00"	15.98	39.15	10.54	22.47	13.14	37.64	13.58	20.09	6.941	8.5	-1.562	58.38	66.7	26.785	515.79	0
"2011-02-02	14:00:00"	15.8	38.25	10.95	22.47	12.99	36.55	13.73	19.49	8.28	9.77	-1.495	57.82	65.9	26.756	472.61	0
"2011-02-02	15:00:00"	15.39	40.46	11.11	21.87	12.63	39.04	13.32	18.89	9.59	10.88	-1.286	58.5	66.58	26.741	395.87	0
"2011-02-02	16:00:00"	15.36	41.43	9.96	21.87	12.53	39.81	12.04	18.89	10.15	11.15	-0.998	60.3	67.96	26.736	270.94	0
"2011-02-02	17:00:00"	16.28	42.26	9.71	22.47	13.1	41.21	11.58	20.68	9.99	10.73	-0.748	62.75	70.41	26.732	175.22	0
"2011-02-02	18:00:00"	16.61	39.46	8.22	22.47	13.45	37.96	10.19	20.68	9.79	10.21	-0.419	61.89	69.51	26.749	64.632	0
"2011-02-02	19:00:00"	14.02	35.48	7.539	21.28	11.3	34.02	10.67	18.3	9.34	9.54	-0.202	65.84	73.32	26.774	3.5777	0
"2011-02-02	20:00:00"	13.69	29.02	7.996	19.49	10.96	27.61	11.3	17.1	8.51	8.63	-0.126	67.46	75.01	26.79	0.06319	0
"2011-02-02	21:00:00"	11.95	19.37	6.704	17.1	9.5	15.8	12.56	15.31	7.244	7.371	-0.126	68.23	75.69	26.8	0.0948	0
"2011-02-02	22:00:00"	11.73	17.21	6.211	17.1	9.27	13.51	12.69	14.12	6.782	6.889	-0.107	68.99	76.51	26.81	0.11057	0
"2011-02-02	23:00:00"	14.61	22.79	5.95	20.09	11.81	21.08	11.44	17.7	6.626	6.732	-0.106	68.09	75.4	26.811	0.12133	0
"2011-02-03	00:00:00"	13.77	28.63	5.852	18.89	11.07	27.38	9.63	16.51	6.28	6.34	-0.061	67.36	74.81	26.815	0.10903	0
"2011-02-03	01:00:00"	13.11	28.2	5.937	18.3	10.73	27.02	9.8	15.31	6.165	6.279	-0.114	66.4	73.83	26.818	0.12177	0
"2011-02-03	02:00:00"	12.17	28.03	6.317	17.7	9.88	26.83	10.34	14.12	5.985	6.12	-0.134	65.32	72.79	26.812	0.12911	0
"2011-02-03	03:00:00"	12.37	32.27	8.02	17.1	9.89	30.68	11.1	14.72	6.54	6.678	-0.138	64.48	72.05	26.797	0.11354	0
"2011-02-03	04:00:00"	13.31	44.68	8.21	19.49	10.59	43.24	9.66	17.1	6.732	6.855	-0.123	64.66	72.29	26.782	0.10836	0
"2011-02-03	05:00:00"	14.16	38.78	7.38	20.09	11.32	36.93	9.52	17.7	6.336	6.459	-0.123	66.8	74.32	26.765	0.09645	0
"2011-02-03	06:00:00"	11.73	37.04	7.153	17.7	9.5	35.55	9.59	15.91	6.395	6.465	-0.07	68.13	75.64	26.763	0.11989	0
"2011-02-03	07:00:00"	11.16	31.08	7.687	17.1	8.96	29.72	11.06	15.91	6.318	6.384	-0.066	69.09	76.36	26.762	0.13305	0
"2011-02-03	08:00:00"	11.54	31.79	5.809	16.51	9.11	30.88	9.03	14.12	5.316	5.138	0.178	66.97	74.53	26.766	3.0691	0
"2011-02-03	09:00:00"	10.49	22.64	9.51	18.3	8.29	20.78	13.63	15.91	4.321	4.363	-0.042	68.7	75.77	26.778	85.981	0
"2011-02-03	10:00:00"	14.92	18.17	8.85	20.68	11.98	14.47	14.58	17.7	5.998	6.566	-0.568	63.39	70.47	26.78	272.1	0
"2011-02-03	11:00:00"	14.22	30.47	10.67	20.09	11.79	29.05	13.71	18.3	7.816	8.87	-1.052	57.94	65.31	26.78	438.41	0
"2011-02-03	12:00:00"	13.28	31.06	13.09	20.09	10.99	28.59	16.78	17.1	9.5	10.97	-1.464	55.01	62.62	26.768	596.82	0
"2011-02-03	13:00:00"	12.51	32.43	11.33	20.09	10.5	30.86	14.81	18.89	10.65	12.27	-1.624	53.33	61.16	26.74	673.41	0
"2011-02-03	14:00:00"	12.07	21.87	13.51	20.09	9.91	18.96	17.93	16.51	11.83	13.53	-1.703	53.91	61.75	26.693	606.83	0
"2011-02-03	15:00:00"	11.43	14.26	14.22	19.49	9.29	11.05	19.44	15.91	12.62	14.15	-1.534	54.51	62.13	26.67	454.71	0
"2011-02-03	16:00:00"	11.6	14.3	12.86	17.7	9.46	11.84	16.99	15.91	13.99	15.44	-1.442	51.95	59.48	26.644	400.57	0
"2011-02-03	17:00:00"	10.7	8.41	14.11	15.91	8.55	3.533	17.84	15.31	14.55	15.58	-1.031	51.65	59.21	26.629	206.03	0
"2011-02-03	18:00:00"	10.11	1.509	13.61	15.91	7.971	356	15.85	13.52	14.67	15.18	-0.507	52.44	60.24	26.626	68.762	0
"2011-02-03	19:00:00"	8.41	354.8	12.65	12.33	6.505	349.6	10.93	10.54	14.53	14.71	-0.185	53.28	61.37	26.631	4.2338	0
"2011-02-03	20:00:00"	8.97	327.3	8	12.93	6.549	325.9	10.48	11.74	14.19	14.32	-0.128	53.23	61.45	26.633	0	0
"2011-02-03	21:00:00"	6.045	306.7	11.41	9.35	3.637	306	13.48	6.368	14.24	14.35	-0.112	52.68	60.96	26.639	0	0
"2011-02-03	22:00:00"	6.895	296.1	8.17	10.54	3.957	296.6	11.25	6.964	14.19	14.31	-0.113	53.93	61.94	26.642	0	0
"2011-02-03	23:00:00"	7.609	308	9.33	11.14	4.478	307.8	12.1	8.75	13.88	14	-0.121	57.22	65.02	26.636	0	0
"2011-02-04	00:00:00"	8.99	286.2	9.96	13.52	5.81	287.1	12.06	11.14	12.78	12.98	-0.203	67.89	75.13	26.633	0.00096	0
"2011-02-04	01:00:00"	7.07	271.4	10.35	12.33	5.311	272.3	12.45	10.54	12.1	12.31	-0.208	73.62	80.4	26.621	0	0
"2011-02-04	02:00:00"	6.353	261	7.006	8.16	5.012	262.4	9.58	6.964	12.4	12.58	-0.186	75.37	82	26.6	0.0001	0
"2011-02-04	03:00:00"	7.541	275.1	9.25	9.95	5.339	276.6	11.44	8.16	12	12.08	-0.076	74.18	81	26.587	0.00038	0
"2011-02-04	04:00:00"	6.196	260.7	7.988	8.75	4.515	261.5	10.3	7.561	11.21	10.78	0.433	69.87	77.55	26.577	0.00269	0
"2011-02-04	05:00:00"	5.539	253.4	7.606	6.964	3.622	253.3	7.495	5.175	9.71	7.895	1.816	68.71	77.73	26.568	0.0703	0
"2011-02-04	06:00:00"	6.151	249.8	12.04	8.16	3.861	258.2	10.72	5.175	7.547	5.18	2.367	69.9	78.29	26.554	0.05226	0
"2011-02-04	07:00:00"	5.844	265.8	10.54	8.16	3.269	269.8	21.93	4.578	5.403	2.607	2.796	69.52	77.66	26.545	0.00509	0
"2011-02-04	08:00:00"	5.567	281.4	19.78	7.561	2.74	285	22.78	4.578	3.816	1.193	2.623	67.96	76.43	26.536	6.204	0
"2011-02-04	09:00:00"	7.027	280.5	15.77	9.95	4.209	279.1	16.2	8.75	3.652	3.347	0.305	68.74	76.72	26.525	139.26	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-04	10:00:00"	7.63	253.8	10.79	12.93	6.314	256.5	12.77	10.54	9.41	10.08	-0.673	65.23	72.72	26.517	341.6	0	
"2011-02-04	11:00:00"	12.5	282.4	11.57	19.49	8.52	283.1	13.93	15.31	18.37	19.47	-1.099	49.39	57.26	26.504	517.05	0	
"2011-02-04	12:00:00"	12.7	300.5	10.94	20.09	7.588	299.6	13.34	14.72	24.19	25.58	-1.387	41.44	48.16	26.502	644.77	0	
"2011-02-04	13:00:00"	12.32	298.6	12.49	18.89	7.851	297.8	15.15	15.31	27.57	29.16	-1.589	42.76	48.96	26.483	711.39	0	
"2011-02-04	14:00:00"	14.78	306.3	13.47	22.47	9.14	305.6	15.42	15.91	31.66	33.32	-1.653	47.09	52.49	26.456	710.98	0	
"2011-02-04	15:00:00"	13.71	316.3	12.7	21.87	9.28	315.5	15.49	17.1	33.97	35.72	-1.746	49.01	53.46	26.436	631.23	0	
"2011-02-04	16:00:00"	13.59	316.7	13.08	20.68	9.11	315.3	15.22	18.3	35.1	36.74	-1.641	46.71	50.9	26.426	520.01	0	
"2011-02-04	17:00:00"	13.33	308.9	12.41	20.09	8.24	307.8	14.74	15.31	36.49	37.72	-1.228	44.85	49	26.419	352.82	0	
"2011-02-04	18:00:00"	11.76	299.6	12.22	19.49	6.954	299.2	14.01	12.93	38.09	38.47	-0.383	47.2	51.87	26.414	166.57	0	
"2011-02-04	19:00:00"	9.89	273.4	11.86	15.91	6.808	274	13.81	13.52	36.23	35.56	0.672	51.3	58.02	26.415	12.577	0	
"2011-02-04	20:00:00"	8.04	260.4	6.657	12.33	5.397	256.8	10.08	9.35	32.73	31.2	1.527	58.85	67.32	26.41	0	0	
"2011-02-04	21:00:00"	7.762	266.8	9.42	11.74	4.855	266.3	14.48	8.75	30.71	29.09	1.625	63.82	73.04	26.405	0	0	
"2011-02-04	22:00:00"	8.54	261.3	5.244	11.74	5.609	257.7	8.12	8.75	30.29	28.56	1.73	63.65	73.02	26.407	0	0	
"2011-02-04	23:00:00"	8.99	249.3	8.16	12.93	6.29	249.6	10.26	9.35	29.2	27.66	1.536	65.63	74.89	26.406	0	0	
"2011-02-05	00:00:00"	9.89	261.6	5.589	14.72	6.828	260	8.51	10.54	28.11	26.79	1.325	63.87	73.05	26.397	0	0	
"2011-02-05	01:00:00"	8.85	258.7	5.998	11.74	5.632	255.9	7.501	9.35	27.6	25.5	2.098	62.36	73.19	26.385	0	0	
"2011-02-05	02:00:00"	9.97	284.6	8.14	13.52	5.287	285.9	10.44	9.35	27.61	25.81	1.809	61	71.61	26.371	0	0	
"2011-02-05	03:00:00"	11.25	297.4	7.607	15.91	5.801	297.3	10.91	10.54	26.08	25.4	0.684	64.12	71.91	26.354	0	0	
"2011-02-05	04:00:00"	12.49	304	6.853	18.89	6.223	303	10.06	9.95	25.99	25.32	0.672	63.1	70.81	26.331	0	0	
"2011-02-05	05:00:00"	14.34	306.4	6.374	18.89	7.422	307.1	10.22	12.33	26.24	25.63	0.611	60.82	68.32	26.31	0	0	
"2011-02-05	06:00:00"	12.49	306.6	6.397	17.7	6.395	307.5	10.04	10.54	26.2	25.44	0.76	60.06	67.81	26.295	0	0	
"2011-02-05	07:00:00"	10.03	303.6	11.44	14.12	5.189	302.6	15.62	8.75	25.67	24.45	1.219	60.48	69.31	26.287	0	0	
"2011-02-05	08:00:00"	9.83	299.4	15.24	13.52	5.018	300.2	18.72	8.75	25.38	24.2	1.176	60.56	69.35	26.288	6.3859	0	
"2011-02-05	09:00:00"	7.463	284.5	11.83	11.74	4.581	283.1	14.69	7.561	28.48	28.16	0.325	54.21	61.53	26.293	138.54	0	
"2011-02-05	10:00:00"	12.53	275.1	8.8	24.26	9.06	276.4	11.26	20.09	37.24	37.84	-0.602	38.33	42.68	26.299	331.75	0	
"2011-02-05	11:00:00"	15.79	272.7	9.89	24.26	11.8	274.1	12.04	20.09	42.56	43.61	-1.042	29.98	33.11	26.288	507.29	0	
"2011-02-05	12:00:00"	13.28	251.3	9.61	18.89	11.2	253.3	12.02	17.1	45.64	47.17	-1.525	28.9	31.42	26.27	637.99	0	
"2011-02-05	13:00:00"	13	246	12.3	18.89	11.07	248.4	14.71	18.3	48.75	50.53	-1.776	28.55	30.61	26.237	707.92	0	
"2011-02-05	14:00:00"	13.43	254.1	13.35	20.09	11.04	256.2	14.8	17.7	51.98	53.95	-1.968	27.9	29.38	26.197	715.84	0	
"2011-02-05	15:00:00"	15.02	245.2	11.51	23.66	12.75	247.4	14.15	20.68	53.99	55.77	-1.78	26.98	28.16	26.163	626.06	0	
"2011-02-05	16:00:00"	14.32	267.2	18.61	23.66	11	269	19.88	20.09	55.4	56.86	-1.469	25.97	27.1	26.148	476.93	0	
"2011-02-05	17:00:00"	13.42	281.6	9.83	24.86	9.31	282.3	12.25	18.3	55.64	56.25	-0.615	26.62	28.48	26.141	224.16	0	
"2011-02-05	18:00:00"	12.94	257.8	9.51	18.89	9.95	260.5	11.29	16.51	54.51	54.22	0.296	27.63	30.18	26.15	56.926	0	
"2011-02-05	19:00:00"	12.21	275.6	11.83	21.87	8.47	278	14.19	18.3	50.99	50.25	0.738	33.17	36.65	26.157	8.1119	0	
"2011-02-05	20:00:00"	9.32	281.5	10.43	14.72	5.358	284.9	13.25	10.54	46.82	45.37	1.454	38.73	44.77	26.162	0	0	
"2011-02-05	21:00:00"	10.71	267.2	7.845	17.1	7.882	268	9.78	14.12	45.64	44.58	1.064	39.92	45.21	26.164	0	0	
"2011-02-05	22:00:00"	13.55	268.8	8.36	20.09	9.95	270.1	10.55	17.1	44.72	43.79	0.933	42.01	47.33	26.166	0	0	
"2011-02-05	23:00:00"	12.85	274	11.72	17.7	8.92	274.8	14.07	15.31	43.52	42.48	1.037	44.06	49.75	26.168	0	0	
"2011-02-06	00:00:00"	12.42	307.4	8.99	17.1	6.628	307.7	11.75	11.74	41.28	40.25	1.026	50.62	56.78	26.173	0	0	
"2011-02-06	01:00:00"	11.83	310.9	8.63	17.7	6.291	310.1	11.3	11.14	37.01	36	1.014	61.35	67.99	26.185	0	0	
"2011-02-06	02:00:00"	10.88	326.2	8.54	14.72	6.47	322.4	10.39	9.95	36.14	34.52	1.614	66.63	74.43	26.198	0	0	
"2011-02-06	03:00:00"	14.4	351.5	12.13	20.09	10.19	346.9	12	15.31	38.89	37.8	1.093	64.66	71.45	26.199	0	0	
"2011-02-06	04:00:00"	10.16	346.8	17.83	17.7	6.948	340.6	18.31	14.12	38.55	37.65	0.891	67.78	74.07	26.215	0	0	
"2011-02-06	05:00:00"	7.417	348.7	23.72	11.74	4.672	344	22.67	8.75	38.63	37.71	0.92	71.16	77.21	26.234	0	0	
"2011-02-06	06:00:00"	7.604	346.8	8.92	10.54	5.065	341.8	10.05	8.16	38.59	37.85	0.741	75.55	81.1	26.248	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-06	07:00:00"	5.606	329.2	13.85	9.95	2.998	318.5	18.4	6.368	37.69	36.7	0.988	78.65	84.1	26.261	0
"2011-02-06	08:00:00"	8.15	341.3	8.89	13.52	5.573	338.1	10.81	10.54	38.09	37.65	0.442	79.53	84.6	26.283	1.9082
"2011-02-06	09:00:00"	11.44	347.5	12.47	18.3	8.56	343.5	12.29	14.72	38.87	38.85	0.017	79.43	83.8	26.309	89.333
"2011-02-06	10:00:00"	14.69	357.1	13.72	20.09	11.28	351.5	13.49	17.1	40.65	41.51	-0.862	74.24	76.53	26.341	246.79
"2011-02-06	11:00:00"	14.02	1.289	13.54	20.68	10.81	355.6	14.43	17.1	40.52	41.29	-0.766	72.36	74.88	26.371	180.02
"2011-02-06	12:00:00"	15.23	0.768	14.84	23.07	11.89	356.1	17.05	21.28	40.78	41.94	-1.154	70.61	72.49	26.39	302.2
"2011-02-06	13:00:00"	12.45	4.837	13.94	19.49	9.98	359.9	16.67	15.31	40.43	42.17	-1.739	71.73	72.21	26.385	392.46
"2011-02-06	14:00:00"	13.31	1.864	15.26	20.09	10.64	357.5	18.13	17.1	42.12	43.51	-1.394	66.15	67.25	26.378	303.32
"2011-02-06	15:00:00"	12.9	351.1	24.28	22.47	9.9	347.6	24.9	19.49	44.36	46.33	-1.965	56.89	57.01	26.378	554.71
"2011-02-06	16:00:00"	18.23	6.918	19.53	34.4	14.1	2.545	22.93	30.82	39.51	40.58	-1.078	72.13	74.61	26.413	255.78
"2011-02-06	17:00:00"	15.38	21.23	13.39	22.47	12.32	18.99	18.03	20.09	35.75	36.63	-0.888	84.1	89	26.455	282.18
"2011-02-06	18:00:00"	16.78	17.08	9.09	26.05	13.24	13.5	16.27	22.47	34.98	35.25	-0.269	84.5	89.6	26.503	35.287
"2011-02-06	19:00:00"	18.6	15.55	7.827	29.03	14.35	11.18	16.09	23.66	34.27	34.18	0.094	81.2	87.4	26.538	10.551
"2011-02-06	20:00:00"	15.81	9.45	8.45	21.87	12.02	4.005	15.58	19.49	32.84	32.53	0.31	79.81	86.4	26.573	0
"2011-02-06	21:00:00"	15.15	6.286	10.68	22.47	11.37	0.345	16.27	18.3	31.82	31.35	0.472	76.96	83.9	26.592	0
"2011-02-06	22:00:00"	12.11	348.5	11.46	18.3	8.75	344.6	11.59	14.72	31.22	30.52	0.701	75.84	83.2	26.615	0
"2011-02-06	23:00:00"	11.02	341.2	10.26	14.72	7.685	338.4	11.39	11.74	29.71	28.9	0.802	77.21	84.5	26.633	0
"2011-02-07	00:00:00"	12.19	341.7	8.19	17.1	8.67	338.9	10.44	13.52	29.25	28.48	0.766	76.2	83.6	26.644	0
"2011-02-07	01:00:00"	10.69	327	10.71	17.1	7.018	324.5	12.38	13.52	28.62	27.78	0.837	74.93	82.5	26.656	0
"2011-02-07	02:00:00"	9.97	329.8	7.438	12.33	6.248	328.6	10.26	9.35	26.79	25.66	1.131	74.89	83.2	26.663	0
"2011-02-07	03:00:00"	9.31	336.3	5.923	12.33	5.989	334.1	9.12	9.35	26.17	24.97	1.199	73.03	81.6	26.668	0
"2011-02-07	04:00:00"	8.37	342.7	10.39	10.54	5.074	341.4	11.07	7.561	24.18	22.62	1.553	74.72	83.3	26.675	0
"2011-02-07	05:00:00"	8.82	350.1	7.89	11.14	5.318	346.6	8.68	7.561	24.1	22.34	1.753	72.78	82.1	26.674	0
"2011-02-07	06:00:00"	8.07	317.6	20	9.95	3.89	315.6	19.19	5.771	22.73	20.46	2.27	72.24	82	26.674	0
"2011-02-07	07:00:00"	9.34	323.1	9.85	11.74	4.971	323.9	11.91	6.964	21.03	19.04	2	74.04	83.1	26.684	0
"2011-02-07	08:00:00"	8.03	355.1	10.51	11.14	4.207	351	11.11	6.368	20.66	18.34	2.322	72.65	82.4	26.678	9.2978
"2011-02-07	09:00:00"	6.316	328.9	14.94	9.95	3.799	323.9	16.08	5.771	24.23	23.93	0.299	70.86	79.88	26.689	153
"2011-02-07	10:00:00"	3.926	350	71.6	8.16	3.231	355.9	75.69	7.561	31.91	32.49	-0.58	63.56	70.4	26.705	341.68
"2011-02-07	11:00:00"	6.635	213.1	13.03	11.74	5.441	213.8	18.05	9.95	33.74	34.86	-1.118	60.11	66.21	26.695	515.44
"2011-02-07	12:00:00"	12.78	216	13.62	21.28	10.26	217	17.2	18.89	37.83	39.39	-1.567	45.6	50.79	26.668	647.97
"2011-02-07	13:00:00"	16.59	214.2	13.16	24.26	13.08	214.5	16.76	21.28	40.12	42.09	-1.966	38.44	41.95	26.624	714.2
"2011-02-07	14:00:00"	17.17	211.6	12.5	24.86	13.45	211.1	16.36	23.07	42.19	44.28	-2.097	35.25	37.78	26.569	719.77
"2011-02-07	15:00:00"	16.83	218	11.2	26.05	13.29	218.8	14.28	20.68	44.46	46.48	-2.019	31.65	33.75	26.519	645.38
"2011-02-07	16:00:00"	16.97	220.3	11.9	25.45	13.57	221.8	15.43	22.47	45.83	47.54	-1.708	31.44	33.31	26.481	533.34
"2011-02-07	17:00:00"	17.46	211	12.32	27.24	13.44	211.2	15.98	23.07	47	48.18	-1.184	31.35	33.44	26.448	362.38
"2011-02-07	18:00:00"	14.36	203.1	12.13	21.28	10.99	202.4	15.3	18.3	47.81	48.14	-0.329	30.84	33.54	26.425	170.61
"2011-02-07	19:00:00"	10.7	185.2	6.476	17.7	7.83	184.9	8.7	13.52	45.22	44.47	0.751	33.73	38.1	26.411	13.71
"2011-02-07	20:00:00"	10.32	182.6	7.687	17.1	7.468	180.3	11.56	12.33	41.9	40.75	1.144	36.65	42.39	26.398	0
"2011-02-07	21:00:00"	9.98	177.5	5.875	14.12	6.534	174.2	7.992	9.95	40	38.37	1.622	37.53	45.03	26.384	0
"2011-02-07	22:00:00"	10.86	181.4	10.05	14.72	7.322	182.3	14.08	11.74	38.22	36.79	1.425	38.19	45.55	26.359	0
"2011-02-07	23:00:00"	7.994	198.3	7.759	12.93	5.109	208.1	10.78	9.35	34.94	33.29	1.658	41.93	50.6	26.332	0
"2011-02-08	00:00:00"	5.525	208.7	11.74	8.16	3.14	214.5	18.13	5.771	33.44	31.55	1.886	44.16	53.39	26.318	0
"2011-02-08	01:00:00"	7.608	203.5	10.35	10.54	4.705	207.2	15.98	6.368	31.72	29.78	1.946	46.95	57.05	26.293	0
"2011-02-08	02:00:00"	5.853	193.8	15.05	10.54	3.332	204.4	29.15	6.368	32.33	30.29	2.047	47.2	56.71	26.274	0
"2011-02-08	03:00:00"	8.04	194.4	6.447	11.74	5.107	198	10.27	8.16	31.4	29.69	1.715	49.19	58.45	26.266	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-08	04:00:00"	8.1	212	8.38	11.74	5.187	220	12.05	8.16	30.78	28.86	1.922	50.83	60.42	26.258	0
"2011-02-08	05:00:00"	8.82	195.7	11.43	12.93	5.728	201	16.78	10.54	30.52	28.74	1.784	52.59	61.76	26.24	0
"2011-02-08	06:00:00"	9.68	199.2	7.488	13.52	6.445	205.4	11.38	9.95	29.47	28.05	1.425	55.67	64.32	26.221	0
"2011-02-08	07:00:00"	11.38	190.6	6.696	17.7	8.04	192.4	9.49	13.52	30.24	28.94	1.308	54.54	62.82	26.208	0
"2011-02-08	08:00:00"	11.9	193.4	6.976	17.7	8.62	195	10.29	14.12	30.35	29.41	0.932	54.82	62.33	26.207	8.212
"2011-02-08	09:00:00"	10.32	204.9	12.97	17.1	7.628	206.9	16.49	14.72	31.81	31.6	0.21	54.15	60.6	26.218	148.59
"2011-02-08	10:00:00"	14.23	189.9	8.18	20.68	11.04	187.8	11.44	17.1	40.01	40.51	-0.508	40.83	45.07	26.225	345.38
"2011-02-08	11:00:00"	12.52	194.5	11.89	20.09	9.73	192.6	15.3	15.91	48.07	49.29	-1.218	30.5	32.81	26.226	523.15
"2011-02-08	12:00:00"	12.36	212	11.03	18.3	9.85	212.7	14.49	15.91	54.01	55.74	-1.736	24.5	25.78	26.216	656.09
"2011-02-08	13:00:00"	12.39	208.8	15.46	20.68	9.9	208.3	19.19	16.51	59.32	61.25	-1.932	19.46	20.17	26.201	730.19
"2011-02-08	14:00:00"	11.06	207.8	17.28	18.89	9.11	207.6	21.53	17.1	62.51	64.45	-1.937	16.92	17.28	26.168	732.59
"2011-02-08	15:00:00"	19.2	338.2	86.4	36.19	15.4	335.9	86.3	30.22	58.55	60.37	-1.824	25.26	25.37	26.148	640.36
"2011-02-08	16:00:00"	29.79	27.65	7.841	40.96	23.84	26.15	12.31	37.38	41.15	43.05	-1.898	44.24	45.07	26.164	507.78
"2011-02-08	17:00:00"	28.9	28.31	8.41	39.17	22.87	26.93	13.04	34.4	34.79	36.2	-1.412	46.69	49.02	26.172	338.35
"2011-02-08	18:00:00"	31.73	24.25	6.921	42.15	25.11	22.66	12.96	36.19	27.67	28.35	-0.686	49.71	53.71	26.185	121.94
"2011-02-08	19:00:00"	29.77	14.79	9.97	41.56	23.11	10.13	15.95	37.38	20.53	20.77	-0.236	54.34	59.79	26.243	8.0995
"2011-02-08	20:00:00"	28.43	10.86	9.83	37.98	22.01	6.138	17.88	34.4	15.65	15.97	-0.313	55.9	61.73	26.33	0
"2011-02-08	21:00:00"	29.48	8.5	11.05	42.75	22.44	3.293	17.99	37.38	12.82	13.1	-0.283	55.14	61.28	26.394	0.00096
"2011-02-08	22:00:00"	29.81	9.28	10.55	43.35	22.77	4.152	18.08	36.78	11.58	11.92	-0.333	51.7	57.86	26.439	0.0121
"2011-02-08	23:00:00"	27.15	9.99	10.57	40.36	20.84	4.714	18.1	34.4	12.04	12.41	-0.37	49.52	55.54	26.485	0.00759
"2011-02-09	00:00:00"	25.45	16.75	7.97	37.38	19.88	12.73	16.35	32.61	12.23	12.65	-0.413	48.41	54.33	26.508	0.00634
"2011-02-09	01:00:00"	26.26	18.73	6.763	37.98	20.39	15.27	14.53	31.42	11.72	12.17	-0.45	51.34	57.17	26.53	0.00278
"2011-02-09	02:00:00"	24.19	12.73	10.03	36.19	18.7	7.354	15.44	29.03	10.8	11.16	-0.354	54.47	60.47	26.564	0.00816
"2011-02-09	03:00:00"	22.79	11.51	10.23	36.19	17.58	6.456	16.18	30.82	10.25	10.53	-0.285	52.4	58.68	26.588	0.02007
"2011-02-09	04:00:00"	20.93	7.971	11.19	33.8	16.06	2.502	16.92	27.84	9.68	9.96	-0.281	53.84	60.11	26.611	0.02871
"2011-02-09	05:00:00"	21.24	4.118	12.67	30.22	16.06	358.5	16.29	27.84	8.83	9.04	-0.205	57.39	64.02	26.63	0.04984
"2011-02-09	06:00:00"	18.42	2.08	13.45	28.43	14.07	356.5	16.32	24.26	8.51	8.68	-0.174	57.65	64.46	26.653	0.08021
"2011-02-09	07:00:00"	19.01	3.794	13.91	27.84	14.47	357.6	15.22	24.26	8.14	8.17	-0.029	51.85	58.9	26.662	0.0803
"2011-02-09	08:00:00"	17.14	0.583	13.45	27.84	12.95	354.9	15.23	22.47	7.362	7.358	0.005	52.91	60.01	26.692	7.3942
"2011-02-09	09:00:00"	19.87	6.371	10.17	27.84	15.12	0.58	16.82	23.66	8.35	8.75	-0.395	50.47	56.72	26.717	84.617
"2011-02-09	10:00:00"	19.34	4.943	12.38	29.03	14.93	359.1	15.49	23.07	9.93	10.88	-0.951	47.24	52.42	26.739	212.73
"2011-02-09	11:00:00"	17.71	8.36	12.76	25.45	13.75	2.599	17.67	21.87	12.32	13.72	-1.397	44.02	48.26	26.746	344.05
"2011-02-09	12:00:00"	16.95	9.29	12.76	23.66	13.37	4.376	17.36	20.68	16.14	18.27	-2.128	40.16	43.14	26.732	639.19
"2011-02-09	13:00:00"	16.18	6.904	16.87	24.86	12.96	1.972	20.04	23.07	19.01	21.32	-2.313	37.88	40.09	26.711	726.76
"2011-02-09	14:00:00"	14.83	8.39	14.7	26.05	11.86	3.861	19.56	24.26	21.87	24.31	-2.441	36.03	37.81	26.685	733.41
"2011-02-09	15:00:00"	14.97	1.972	17.13	25.45	12.12	357.6	19.37	20.68	24.29	26.58	-2.293	34.39	36.22	26.666	660.35
"2011-02-09	16:00:00"	15.41	7.626	15.79	23.66	12.33	3.911	19.86	20.09	25.79	27.88	-2.093	32.55	34.52	26.655	551.76
"2011-02-09	17:00:00"	13.93	8.78	14.44	22.47	11.15	4.129	17.72	20.09	26.4	27.95	-1.546	31.84	34.31	26.655	380.99
"2011-02-09	18:00:00"	13.13	11.26	11.74	18.89	10.38	6.501	16.98	15.91	26.12	26.82	-0.7	32.22	35.6	26.661	185.03
"2011-02-09	19:00:00"	9.48	16.68	7.166	15.31	6.836	10.62	12.58	13.52	23.76	23.11	0.654	34.95	40.43	26.666	17.284
"2011-02-09	20:00:00"	8.16	22.94	4.614	12.33	5.198	15.66	10.04	9.35	19.62	18.14	1.484	41.01	49.42	26.68	0
"2011-02-09	21:00:00"	4.65	62.3	48.2	11.74	3.514	71.9	54.4	8.75	18.41	17.44	0.961	44.59	52.18	26.687	0.00038
"2011-02-09	22:00:00"	2.934	78.87	24.19	6.964	2.281	91	33.12	4.578	17.47	16.05	1.426	47.07	55.33	26.697	0.0049
"2011-02-09	23:00:00"	4.304	77.32	9.95	6.964	3.186	77.3	16.61	5.175	17.03	13.51	3.513	48.53	60.22	26.702	0.04062
"2011-02-10	00:00:00"	6.499	70.19	9.12	7.561	3.882	67.6	12.97	5.175	16.37	11.27	5.099	49.88	64.66	26.692	0.07626

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-10	01:00:00"	8.31	61.98	8.6	11.74	4.578	58.51	9.23	8.16	14.76	10.26	4.49	52.68	67.46	26.67	0.09793	0	
"2011-02-10	02:00:00"	4.087	1.921	52.37	6.368	2.778	344	47.43	4.578	13.03	9.63	3.399	56.58	68.7	26.66	0.09789	0	
"2011-02-10	03:00:00"	4.334	327.8	7.745	6.368	3.821	329.8	9.85	5.175	13.2	7.881	5.318	56.88	71.9	26.645	0.04141	0	
"2011-02-10	04:00:00"	4.609	304.5	36.29	6.368	2.96	303.1	33.72	3.982	12.87	8.43	4.446	57.44	71	26.63	0.03075	0	
"2011-02-10	05:00:00"	3.877	314.7	18.22	5.175	2.793	337.9	24.48	4.578	12.54	8.93	3.611	58.92	72.02	26.612	0.03478	0	
"2011-02-10	06:00:00"	2.887	359.2	40.99	5.175	3.317	4.413	34.18	4.578	14.25	7.438	6.815	54.75	74.17	26.595	0.04909	0	
"2011-02-10	07:00:00"	2.541	155.4	30.1	4.578	1.578	129.3	78.89	3.386	14.1	10.87	3.237	54.44	67.58	26.582	0.04362	0	
"2011-02-10	08:00:00"	5.42	221.2	19.36	8.75	3.578	228.1	14.2	6.368	10.43	8.73	1.708	60.56	69.36	26.578	9.4652	0	
"2011-02-10	09:00:00"	5.611	229.1	17.91	8.16	4.316	232.3	21.65	7.561	10.08	10.35	-0.273	62.37	69.48	26.574	152.44	0	
"2011-02-10	10:00:00"	8.82	216.8	8.38	11.74	7.048	217	12.44	11.14	15.87	17.15	-1.279	53.88	58.65	26.566	349.84	0	
"2011-02-10	11:00:00"	9.44	212.3	12.86	14.12	7.618	212.2	17.37	12.93	21.61	23.27	-1.655	42.9	46.63	26.57	524.65	0	
"2011-02-10	12:00:00"	9.45	216.6	17.12	15.31	7.706	217	21.65	12.93	26.68	28.65	-1.97	35.13	37.68	26.563	659.2	0	
"2011-02-10	13:00:00"	9.96	209.3	15.73	15.91	8.2	209.7	20.56	14.72	31.01	33.2	-2.187	29.1	31.39	26.536	729.85	0	
"2011-02-10	14:00:00"	12.9	208.7	14.75	20.68	10.39	208.6	18.95	16.51	34.18	36.51	-2.333	24.94	27.38	26.495	734.11	0	
"2011-02-10	15:00:00"	11.56	211.6	15.06	16.51	9.31	211.3	19.4	15.31	37.04	39.17	-2.128	22.23	25.33	26.466	654.4	0	
"2011-02-10	16:00:00"	11.05	217.2	14.64	18.89	8.89	217.4	18.58	17.1	39.15	41.1	-1.948	20.77	23.83	26.449	544.5	0	
"2011-02-10	17:00:00"	10.15	220.7	14.4	17.1	8.25	222.1	18.4	14.12	40.72	41.97	-1.249	19.78	23.14	26.447	377.35	0	
"2011-02-10	18:00:00"	9.75	209.1	10.84	14.12	7.47	209	14.41	12.33	41.16	41.58	-0.42	19.41	23.46	26.453	185.82	0	
"2011-02-10	19:00:00"	7.532	192	9.87	11.74	5.039	188.8	13.12	9.35	38.56	37.16	1.395	20.86	27.71	26.454	17.992	0	
"2011-02-10	20:00:00"	7.462	184.2	5.438	9.95	4.632	175.3	7.367	6.368	35.74	33	2.742	22.14	29.94	26.463	0	0	
"2011-02-10	21:00:00"	7.95	186.4	6.163	9.95	4.683	186.9	13.1	6.964	33.52	30.58	2.94	23.44	31.97	26.474	0	0	
"2011-02-10	22:00:00"	7.811	195.6	6.967	11.74	4.713	204.9	12.02	7.561	31.41	28.55	2.858	24.63	33.26	26.486	0	0	
"2011-02-10	23:00:00"	6.381	204.9	9.01	8.75	3.924	211.6	10.21	5.771	29.59	26.68	2.914	25.9	34.36	26.49	0	0	
"2011-02-11	00:00:00"	6.814	220	8.77	9.35	4.187	223.8	17.58	6.964	29.96	26.4	3.559	26.01	34.75	26.491	0	0	
"2011-02-11	01:00:00"	6.347	246.1	9.27	11.14	4.316	259.5	11.59	8.16	30.3	27.1	3.199	26.48	34.85	26.495	0	0	
"2011-02-11	02:00:00"	6.901	256.5	6.55	9.35	4.431	269.7	8.85	6.368	29.77	26.29	3.475	27.85	36.5	26.494	0	0	
"2011-02-11	03:00:00"	3.935	259.5	7.636	7.561	3.835	279.3	14.51	6.368	29.92	26.13	3.789	27.71	36.39	26.497	0	0	
"2011-02-11	04:00:00"	5.389	281.8	9.44	8.16	4.244	311.2	12.55	5.771	29.04	21.16	7.871	28.59	43.87	26.507	0	0	
"2011-02-11	05:00:00"	3.771	275.8	5.112	7.561	3.666	309.2	8.65	5.175	29.47	22.37	7.097	28.24	42.11	26.51	0	0	
"2011-02-11	06:00:00"	5.683	240.9	13.03	8.75	4.142	267.8	19.95	5.771	29.24	23.25	5.983	28.53	40.88	26.517	0	0	
"2011-02-11	07:00:00"	5.922	252	10.78	8.75	3.671	274.5	23.28	5.771	27.41	22.04	5.372	30.49	43.13	26.53	0.0001	0	
"2011-02-11	08:00:00"	5.991	267	7.204	7.561	3.255	298.9	11.87	4.578	26.44	18.82	7.613	31.21	49.09	26.546	11.273	0	
"2011-02-11	09:00:00"	6.225	294.2	13.38	8.75	3.548	303.2	16.55	5.175	26.64	24.55	2.095	33.68	44.55	26.569	161.74	0	
"2011-02-11	10:00:00"	5.611	230.9	17.95	9.35	4.591	232.6	21.63	8.75	34.16	35	-0.841	28.58	32.81	26.601	355.25	0	
"2011-02-11	11:00:00"	9.17	219.7	8.95	14.12	7.512	221	13.06	11.74	41.33	42.65	-1.317	22.89	25.88	26.609	537.42	0	
"2011-02-11	12:00:00"	11.84	219	9.65	17.1	9.46	220.5	13.73	14.72	46.19	47.96	-1.77	20.35	22.5	26.609	674.7	0	
"2011-02-11	13:00:00"	11.48	215.8	13.13	17.1	9.23	216.2	17.01	14.12	49.99	52.06	-2.067	17.96	19.44	26.603	749.52	0	
"2011-02-11	14:00:00"	9.76	223.1	21.66	17.1	8.1	224.3	28.89	14.72	52.58	54.59	-2.004	14.73	16.04	26.588	753.01	0	
"2011-02-11	15:00:00"	9.63	208.1	19.66	18.3	7.812	207.7	23.81	15.91	54.45	56.42	-1.971	13.6	14.7	26.571	665.27	0	
"2011-02-11	16:00:00"	9.23	225.2	27.65	22.47	7.453	225.1	31.5	18.3	55.74	57.51	-1.766	12.54	13.6	26.566	557.51	0	
"2011-02-11	17:00:00"	5.66	255.2	41.75	13.52	4.536	253.5	42.04	12.33	56.68	57.79	-1.112	10.89	12.04	26.579	385.37	0	
"2011-02-11	18:00:00"	5.783	243.9	23.4	9.95	4.645	245.8	25.65	8.75	56.65	56.88	-0.232	10.86	12.69	26.596	188.44	0	
"2011-02-11	19:00:00"	4.642	230.8	7.183	7.561	2.983	243.7	13.32	5.771	54.89	53.11	1.778	11.41	14.67	26.613	18.441	0	
"2011-02-11	20:00:00"	4.626	191.8	19.09	7.561	2.329	175.6	39.63	4.578	50.63	47.45	3.174	13.54	18.63	26.635	0	0	
"2011-02-11	21:00:00"	2.527	320.1	77.32	7.561	3.741	332.1	72.57	6.964	47.87	41.16	6.717	15.02	23.28	26.657	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-11	22:00:00"	1	242.8	22.81	1	1.677	344.3	79.67	3.982	49.11	44	5.112	14.07	20.1	26.676	0
"2011-02-11	23:00:00"	6.563	349.7	82.8	13.52	4.44	356.4	79.06	9.35	41.64	36.41	5.228	23.5	31.33	26.693	0
"2011-02-12	00:00:00"	9.72	16.37	2.641	11.74	5.214	11.03	6.305	6.368	36.33	29.79	6.539	36.52	48.19	26.694	0
"2011-02-12	01:00:00"	10.6	11.27	5.707	12.93	5.629	7.516	8.96	8.16	35.96	28.14	7.815	39.89	55.48	26.7	0
"2011-02-12	02:00:00"	10.54	8.63	6.08	15.31	6.205	7.439	11.32	11.14	31.3	27.72	3.583	48.1	59.19	26.713	0
"2011-02-12	03:00:00"	7.984	9.61	12.01	11.74	4.807	9.69	32.71	8.16	28.57	25.47	3.091	53.48	63.77	26.711	0
"2011-02-12	04:00:00"	8.5	329.4	9.14	10.54	4.742	320.9	9.68	6.368	26.31	20.98	5.324	57.2	70.72	26.711	0
"2011-02-12	05:00:00"	8.76	346.9	7.971	11.14	4.79	349.4	11.8	6.368	24.21	20.25	3.959	61.92	74.46	26.716	0
"2011-02-12	06:00:00"	8.59	10.75	5.093	11.14	5.176	25.54	10.02	6.368	24.64	20.35	4.291	61.82	74.57	26.717	0
"2011-02-12	07:00:00"	9.45	5.027	7.887	11.14	5.59	0.443	8.49	6.964	31.46	20.47	10.99	50.38	75.36	26.729	0
"2011-02-12	08:00:00"	5.48	334.4	31.01	9.95	4.439	355.6	21.27	6.368	34.57	21.2	13.37	41.18	73.8	26.738	11.878
"2011-02-12	09:00:00"	3.474	249.4	14.02	5.175	2.422	277.9	41.4	3.982	35.89	30.5	5.39	38	57.87	26.754	165.5
"2011-02-12	10:00:00"	5.795	232.7	14.53	9.35	4.739	236.6	22.1	8.16	39.96	40.42	-0.455	31.71	36.53	26.775	362.79
"2011-02-12	11:00:00"	9.33	234.8	11.42	13.52	7.945	237.1	14.47	12.33	47.46	48.54	-1.078	21.24	23.68	26.782	544.57
"2011-02-12	12:00:00"	15.55	218.9	10.15	23.07	12.18	220.7	13.54	18.89	53.34	55.07	-1.725	14.61	16.13	26.77	680.42
"2011-02-12	13:00:00"	18.49	213.4	10.92	27.24	14.17	213.7	14.81	22.47	55.84	57.94	-2.1	13.01	14.07	26.736	753.18
"2011-02-12	14:00:00"	19.19	211.8	10.53	27.84	14.81	211.9	14.37	23.66	57.09	59.22	-2.132	12.89	13.67	26.698	755.98
"2011-02-12	15:00:00"	18.1	213.5	10.81	27.84	14.07	213.6	14.15	22.47	59.03	61.05	-2.023	10.96	11.68	26.663	679.75
"2011-02-12	16:00:00"	16.99	218	11.03	25.45	13.26	218.8	14.2	20.68	60.95	62.6	-1.655	8.8	9.53	26.641	570.4
"2011-02-12	17:00:00"	15.72	218.1	10.22	22.47	12.16	218.1	13.36	18.3	62.13	63.19	-1.059	7.936	8.76	26.631	394.78
"2011-02-12	18:00:00"	13.57	213.1	7.959	22.47	9.99	212.6	11.21	17.7	62.23	62.28	-0.047	8.27	9.47	26.635	196.06
"2011-02-12	19:00:00"	9.53	192.5	9.61	12.93	6.307	190.7	12.1	9.95	57.88	55.98	1.896	9.9	12.59	26.635	21.495
"2011-02-12	20:00:00"	9.56	189.3	6.163	14.12	6.083	193.3	11.01	9.95	52.64	50.28	2.367	11.87	15.37	26.638	0
"2011-02-12	21:00:00"	7.48	216.4	14.27	11.14	4.742	221.5	15.18	8.16	50.27	46.48	3.798	12.61	17.5	26.645	0
"2011-02-12	22:00:00"	6.496	214.3	6.282	9.35	3.881	207.9	13.25	6.368	48.81	45.15	3.665	13.02	18.32	26.643	0
"2011-02-12	23:00:00"	6.666	213.3	5.754	8.75	3.954	200.3	7.946	5.771	47.84	43.54	4.295	12.1	18.94	26.643	0
"2011-02-13	00:00:00"	8.84	195.7	8.08	11.14	5.152	192.1	10.25	7.561	44.31	39.22	5.092	13.16	21.57	26.629	0
"2011-02-13	01:00:00"	7.919	230.3	11.76	11.14	4.994	237.5	16.91	6.964	43.58	39.09	4.496	12.54	19.39	26.622	0
"2011-02-13	02:00:00"	7.259	219.7	8.3	8.75	4.507	221.2	13.42	5.771	41.46	37.2	4.261	13.16	20.68	26.615	0
"2011-02-13	03:00:00"	6.048	216.9	6.605	7.561	3.664	218.1	12.27	4.578	40.69	37.97	2.724	13.8	18.96	26.606	0
"2011-02-13	04:00:00"	5.542	234.1	6.514	7.561	3.764	236	6.688	5.175	39.59	37.15	2.444	14.69	19.68	26.591	0
"2011-02-13	05:00:00"	5.708	238.6	9.98	7.561	3.958	238.2	16.83	5.771	38.27	35.54	2.728	15.63	21.32	26.576	0
"2011-02-13	06:00:00"	6.144	261.4	5.854	8.16	3.92	263.3	12.87	5.771	38.79	34.73	4.06	15.57	22.35	26.567	0
"2011-02-13	07:00:00"	6.172	263.5	7.025	9.35	3.872	258.2	14.29	5.771	39.31	34.93	4.382	18.13	24.56	26.563	0
"2011-02-13	08:00:00"	7.281	266.8	30.38	11.14	4.016	263	40.7	6.368	37.31	31.24	6.066	21.39	30.89	26.561	13.524
"2011-02-13	09:00:00"	7.289	238.4	11.29	9.95	5.5	236.7	14.19	8.16	35.46	33.84	1.616	21.42	27.9	26.581	169.7
"2011-02-13	10:00:00"	6.968	240.5	9.75	9.95	5.969	243.1	13.2	9.35	43.64	44.27	-0.624	16.56	19.66	26.594	367.81
"2011-02-13	11:00:00"	7.768	242.4	10.81	11.74	6.72	244.4	13.59	10.54	53.98	55.15	-1.17	11.34	13.11	26.585	551.74
"2011-02-13	12:00:00"	11.24	223.7	14.71	16.51	9.15	225	17.53	14.12	60.91	62.63	-1.725	7.313	8.31	26.565	690.42
"2011-02-13	13:00:00"	13.76	218.8	11.98	20.68	11.02	218.7	15.34	18.3	64.3	66.42	-2.125	6.137	6.623	26.536	763.96
"2011-02-13	14:00:00"	17.93	225.1	11.05	25.45	14.51	226.3	14.75	21.28	67.35	69.33	-1.981	6.755	6.835	26.493	764.88
"2011-02-13	15:00:00"	19.38	232.3	9.95	30.22	16.03	233.9	12.7	26.05	70.22	72.02	-1.793	6.529	6.345	26.453	681.65
"2011-02-13	16:00:00"	17.81	239.4	11.52	27.84	14.82	241.9	14.21	23.07	72.77	74.2	-1.431	6.8	6.445	26.433	567.4
"2011-02-13	17:00:00"	18.46	230.4	10.14	28.43	15.05	232.1	12.57	24.26	73.57	74.37	-0.799	6.146	5.875	26.426	392.31
"2011-02-13	18:00:00"	15.52	229.7	7.501	23.07	12.35	231.6	9.84	20.09	72.94	72.8	0.145	6.252	6.312	26.428	195

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-13	19:00:00"	10.16	228.4	5.926	17.1	7.322	231.4	7.46	14.12	68.67	66.63	2.044	7.568	8.73	26.437	20.349	0	
"2011-02-13	20:00:00"	6.469	214.6	7.165	10.54	3.86	207	11.86	6.368	63.01	59.41	3.6	9.76	12.57	26.454	0	0	
"2011-02-13	21:00:00"	1	223.9	8.15	1	2.633	220.6	13.31	3.982	59.79	56.64	3.15	11.24	14.35	26.469	0	0	
"2011-02-13	22:00:00"	2.86	251.6	11.31	11.14	4.088	251.5	22.28	7.561	57.74	53.97	3.77	12.32	15.92	26.476	0	0	
"2011-02-13	23:00:00"	8.96	260.3	6.526	12.93	5.442	264.4	7.65	8.16	56.08	51.04	5.043	13.55	18.49	26.482	0	0	
"2011-02-14	00:00:00"	7.108	258.7	6.534	9.95	3.66	253.3	17.03	6.964	54.71	48.99	5.723	14.55	20.15	26.471	0	0	
"2011-02-14	01:00:00"	8.7	266.5	6.237	11.14	5.275	265.1	9.2	7.561	54.82	49.45	5.374	14.62	20.26	26.48	0	0	
"2011-02-14	02:00:00"	7.083	274.1	15.17	10.54	3.733	268.9	19.94	6.368	51.09	45.61	5.484	16.8	23.13	26.474	0	0	
"2011-02-14	03:00:00"	12.12	310.2	6.831	19.49	5.685	310.8	8.81	14.12	47.55	43.33	4.218	19.03	25.36	26.471	0	0	
"2011-02-14	04:00:00"	15.3	326.2	7.111	20.09	10.1	325	9.59	15.31	50.57	49.06	1.504	16.35	19.56	26.473	0	0	
"2011-02-14	05:00:00"	15.98	336.8	11.73	22.47	11.31	333.9	12.57	19.49	48.42	47.4	1.02	20.67	23.7	26.479	0	0	
"2011-02-14	06:00:00"	16.69	5.858	12.81	24.26	12.21	1.172	16.6	18.89	48.42	47.53	0.893	27.48	30.55	26.49	0	0	
"2011-02-14	07:00:00"	18.95	16.83	6.403	24.86	14.16	13.04	13.61	19.49	46.15	45.35	0.804	37.44	41.21	26.506	0	0	
"2011-02-14	08:00:00"	19.6	18.78	5.35	26.05	14.87	15.32	12.79	23.07	43.92	43.27	0.651	43.77	48.18	26.524	8.2077	0	
"2011-02-14	09:00:00"	19.6	21.7	6.638	26.65	15.35	19.25	12.35	22.47	44.6	44.56	0.041	43.28	46.81	26.561	150.76	0	
"2011-02-14	10:00:00"	20.47	28.65	7.377	29.63	16.38	27.43	11.84	23.66	47.75	48.3	-0.544	39.24	41.31	26.586	265.57	0	
"2011-02-14	11:00:00"	14.28	19.62	12.43	22.47	11.52	17.36	17.48	18.89	51.69	53.43	-1.733	34.78	35.04	26.629	564.63	0	
"2011-02-14	12:00:00"	12.88	17.44	13.01	18.89	10.47	13.78	18.33	17.7	54.35	56.41	-2.059	30.93	30.74	26.627	596.89	0	
"2011-02-14	13:00:00"	13.81	5.349	18.71	21.87	10.99	1.649	22.17	20.68	57.15	59.86	-2.711	28	27.2	26.608	727.09	0	
"2011-02-14	14:00:00"	12.14	22.91	18.68	20.68	9.8	20.25	22.74	18.3	58.87	61.2	-2.327	25.36	24.81	26.558	653.54	0	
"2011-02-14	15:00:00"	8.2	1.843	23.03	15.31	6.632	357.3	27.61	14.12	60.64	62.85	-2.218	23.63	23.1	26.548	593.04	0	
"2011-02-14	16:00:00"	8.4	358.2	27.04	18.3	6.914	354.6	29.43	15.91	62.08	64.21	-2.13	22.72	22.16	26.53	557.17	0	
"2011-02-14	17:00:00"	6.667	5.189	31.27	12.33	5.469	3.523	35.41	11.74	63.04	64.63	-1.588	21.96	21.69	26.517	384.45	0	
"2011-02-14	18:00:00"	7.529	7.389	13.37	12.93	6.107	3.219	16.36	11.14	62.59	63.22	-0.626	22.32	22.78	26.519	188.31	0	
"2011-02-14	19:00:00"	6.428	9.53	14.8	9.35	3.828	0.541	8.59	6.964	60.31	56.93	3.379	24.14	27.94	26.522	21.087	0	
"2011-02-14	20:00:00"	7.085	8.2	4.087	8.75	4.376	1.998	9.43	5.771	58.78	49.28	9.5	25.01	34.91	26.525	0	0	
"2011-02-14	21:00:00"	7.448	15.55	9.06	10.54	4.663	12.34	13.08	5.771	57.68	45.78	11.9	25.7	38.78	26.529	0	0	
"2011-02-14	22:00:00"	7.521	42.31	5.707	8.75	4.613	30.25	4.207	5.771	52.8	45.69	7.111	29.9	39.31	26.527	0	0	
"2011-02-14	23:00:00"	7.836	50.61	7.191	9.95	5.318	26.37	4.315	6.368	50.21	42.55	7.657	33.2	44.41	26.522	0	0	
"2011-02-15	00:00:00"	6.38	91.7	17.85	8.75	3.856	52.04	18.46	6.368	52.02	45.11	6.912	32.83	42.54	26.515	0	0	
"2011-02-15	01:00:00"	5.743	138.2	21.83	7.561	2.631	99.8	47.01	3.982	52.12	47.25	4.869	32.82	40.23	26.509	0	0	
"2011-02-15	02:00:00"	3.93	196.1	14.43	7.561	2.153	199.5	13.71	3.982	49.29	46.2	3.097	35.56	41.84	26.496	0	0	
"2011-02-15	03:00:00"	4.649	223.8	14.23	7.561	3.852	240.5	14.42	5.175	48.36	45.06	3.296	35.67	42.41	26.476	0	0	
"2011-02-15	04:00:00"	6.901	225.9	6.502	9.35	4.573	238.3	8.61	5.771	47.79	43.56	4.231	35.22	42.98	26.463	0	0	
"2011-02-15	05:00:00"	8.59	243.6	7.005	11.74	5.829	250	8.48	8.16	44.9	41.08	3.812	38.39	47.17	26.449	0	0	
"2011-02-15	06:00:00"	8.94	243.7	5.271	11.14	5.997	250.1	6.967	8.16	44.22	40.65	3.575	38.6	47.52	26.445	0	0	
"2011-02-15	07:00:00"	9.11	263.5	7.793	11.74	5.542	268.9	11.2	7.561	46.36	42.37	3.991	35.31	43.78	26.45	0	0	
"2011-02-15	08:00:00"	10.66	293.5	16.2	12.93	5.308	297.1	16.5	9.35	46.33	42.39	3.947	35.51	44.21	26.462	14.404	0	
"2011-02-15	09:00:00"	8.27	295.2	7.908	11.74	4.168	296.7	11.55	7.561	50.06	49.45	0.614	32.09	35.57	26.486	168.52	0	
"2011-02-15	10:00:00"	7.069	277	9.35	9.95	5.477	276.7	11.87	8.16	55.34	56.47	-1.134	27.07	28.21	26.502	363.34	0	
"2011-02-15	11:00:00"	8.15	282	11.5	13.52	6.039	280.7	14.3	11.74	63.04	64.68	-1.642	19.68	19.82	26.507	544.98	0	
"2011-02-15	12:00:00"	10.55	302.7	20.66	18.3	7.424	301	22.4	13.52	70.61	72.62	-2.011	11.96	11.47	26.505	686.31	0	
"2011-02-15	13:00:00"	11.6	300	21.01	18.3	7.962	297.9	21.91	14.72	73.15	75.48	-2.333	8.03	7.384	26.486	765.22	0	
"2011-02-15	14:00:00"	9.78	298.4	16.85	18.89	7.603	297.7	19.23	15.91	74.56	76.81	-2.258	7.096	6.316	26.456	767.01	0	
"2011-02-15	15:00:00"	6.245	285.2	35.64	17.7	6.302	285	38.47	15.31	75.43	77.54	-2.102	6.252	5.48	26.428	689.21	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-15	16:00:00"	6.375	269.2	32.12	17.1	6.856	270	32.97	15.31	76.64	78.35	-1.711	6.489	5.689	26.411	574.41	0	
"2011-02-15	17:00:00"	7.651	258.3	23.29	14.72	7.217	259.4	24.34	14.12	76.71	77.91	-1.204	7.252	6.554	26.399	397.08	0	
"2011-02-15	18:00:00"	2.288	243.9	16.27	14.72	5.843	245.7	18.29	12.33	76.4	76.45	-0.051	7.666	7.449	26.398	196.19	0	
"2011-02-15	19:00:00"	1	263.8	11.41	1	2.677	265.6	17.62	5.175	74.57	72.62	1.942	8.53	9.18	26.404	23.574	0	
"2011-02-15	20:00:00"	1	323.6	9.67	1	4.55	347.2	7.578	6.368	72.65	65.24	7.413	9.18	12.22	26.411	0	0	
"2011-02-15	21:00:00"	1	7.308	16.01	1	4.742	7.041	19.77	5.771	71.7	60.86	10.84	8.86	14.75	26.41	0	0	
"2011-02-15	22:00:00"	1	117.4	29.76	1	3.076	61.31	18.05	3.982	70.63	61.32	9.31	9.13	14.6	26.42	0	0	
"2011-02-15	23:00:00"	1	157.8	7.283	1.596	2.7	137.2	29.52	5.771	65.77	60.04	5.73	11.44	15.27	26.424	0	0	
"2011-02-16	00:00:00"	1	193.3	10.83	1	3.422	212.9	32.88	6.964	59.6	55.71	3.888	14.64	18.89	26.43	0	0	
"2011-02-16	01:00:00"	1	192.5	7.895	1	3.8	194.9	12.93	5.175	55.36	52.41	2.95	18.11	21.95	26.426	0	0	
"2011-02-16	02:00:00"	1	185.4	8.27	1	4.293	185.6	15.58	8.75	52.8	49.96	2.842	24.42	27.98	26.415	0	0	
"2011-02-16	03:00:00"	1.531	217.6	19.17	8.16	3.302	237.7	25.4	5.771	52.61	49.62	2.988	30.87	33.36	26.404	0	0	
"2011-02-16	04:00:00"	6.747	204.8	6.371	8.75	4.076	208	10.01	6.368	53.17	49.86	3.314	36.99	39.08	26.39	0	0	
"2011-02-16	05:00:00"	6.34	214.9	9.14	8.16	4.079	227.1	15.52	5.771	51.82	48.49	3.33	44.12	46.74	26.373	0	0	
"2011-02-16	06:00:00"	7.105	217.1	10.56	9.35	4.705	227.2	13.9	6.964	50.77	47.08	3.695	52.1	55.37	26.369	0	0	
"2011-02-16	07:00:00"	7.591	224.7	8.44	9.95	5.097	236.5	9	6.368	49.83	45.64	4.198	60.19	64.94	26.367	0	0	
"2011-02-16	08:00:00"	7.611	223.9	14.78	11.14	4.911	234.5	19.91	6.964	49.46	45.76	3.699	65.2	70.91	26.37	13.762	0	
"2011-02-16	09:00:00"	7.833	206.4	6.997	10.54	4.956	209.8	10.54	8.75	48.63	47.73	0.896	67.18	69.99	26.385	164.52	0	
"2011-02-16	10:00:00"	8.72	219.3	6.786	11.74	6.908	221.6	10.04	9.95	54.34	55.24	-0.902	58.9	59.73	26.395	362.49	0	
"2011-02-16	11:00:00"	10.37	216.4	7.523	15.31	8.29	217.5	11.24	13.52	63.08	64.54	-1.465	36.57	36.43	26.396	540.95	0	
"2011-02-16	12:00:00"	12.44	210.6	10.99	17.1	9.66	210.6	14.82	14.72	70.49	72.39	-1.904	20.55	20	26.387	679.79	0	
"2011-02-16	13:00:00"	15.2	215.7	12.49	21.87	11.89	216.4	16.05	18.3	75.73	77.78	-2.05	14.33	13.4	26.359	753.76	0	
"2011-02-16	14:00:00"	17.67	216.4	12.2	27.24	13.72	217.1	15.7	21.87	78.29	80.4	-2.098	11.06	9.91	26.322	757.29	0	
"2011-02-16	15:00:00"	16.01	213.1	13.26	26.05	12.57	213.2	17.32	21.87	80.3	82.2	-1.92	10.42	9.17	26.286	675.04	0	
"2011-02-16	16:00:00"	15.49	211.5	15.67	24.86	11.89	211	19.36	20.68	81.2	82.9	-1.636	9.33	8.16	26.267	566.21	0	
"2011-02-16	17:00:00"	14.41	224.1	16.3	23.66	11.33	224.8	19.75	20.09	81.8	82.8	-0.94	8.63	7.634	26.255	393.85	0	
"2011-02-16	18:00:00"	14.21	214.7	8.75	20.68	10.63	215.1	12.02	17.1	81.2	81.2	0.065	8.64	8.05	26.247	199.82	0	
"2011-02-16	19:00:00"	8.42	228.3	6.965	12.93	5.692	231.1	9.6	10.54	77.97	74.73	3.237	9.28	10.84	26.249	25.223	0	
"2011-02-16	20:00:00"	7.357	244.1	8.4	10.54	4.772	247.1	9.77	7.561	72.31	68.58	3.728	11.27	13.19	26.266	0	0	
"2011-02-16	21:00:00"	11.11	221.9	42.13	17.1	7.479	222.2	47.16	13.52	66.58	63.91	2.664	16.85	18.9	26.28	0	0	
"2011-02-16	22:00:00"	11.75	185.5	10.91	17.7	8.43	184.3	14.11	14.12	62.36	61.23	1.127	39.2	41.41	26.297	0	0	
"2011-02-16	23:00:00"	8.46	193.1	10.56	13.52	5.81	196	15.28	9.95	58.81	57.66	1.157	53.05	56.17	26.297	0	0	
"2011-02-17	00:00:00"	6.708	193.3	8.83	10.54	4.31	202.7	14.2	8.16	55.92	54.32	1.606	62.87	66.27	26.297	0	0	
"2011-02-17	01:00:00"	7.135	206.5	12.28	10.54	4.466	216.3	20.86	6.368	54.66	52.61	2.05	70.43	74.02	26.294	0	0	
"2011-02-17	02:00:00"	9.1	201.4	10.64	13.52	5.857	202.5	15.1	9.35	53.43	51.91	1.518	76.93	80.9	26.292	0	0	
"2011-02-17	03:00:00"	11.11	196	8.98	17.1	7.907	195.6	11.74	14.12	53.81	52.76	1.051	78.15	82.1	26.276	0	0	
"2011-02-17	04:00:00"	10.03	206.2	10.44	17.1	7.049	208.4	14.56	12.93	53.52	52.52	1.002	78.64	82.6	26.263	0	0	
"2011-02-17	05:00:00"	7.033	247.5	11.64	9.35	4.769	259.4	15.31	6.964	50.8	48.32	2.488	82.4	87.7	26.259	0	0	
"2011-02-17	06:00:00"	6.976	216.3	17.27	8.75	4.47	217	20.94	6.368	48.95	46.78	2.165	85.7	90.2	26.26	0.03816	0	
"2011-02-17	07:00:00"	5.8	201.5	11.29	7.561	3.267	202.3	13.47	5.175	47.38	44.36	3.02	87.3	92.1	26.275	1.028	0	
"2011-02-17	08:00:00"	7.065	198.1	7.883	12.93	4.149	190.7	13.54	9.35	48.19	44.85	3.343	83	91.2	26.287	6.3823	0	
"2011-02-17	09:00:00"	7.598	202.9	9.2	11.14	5.184	206.2	13.35	8.16	48.45	47.72	0.726	76.37	82.4	26.312	150.19	0	
"2011-02-17	10:00:00"	7.069	224.8	19.36	11.74	5.747	226.8	21.79	10.54	53.69	54.19	-0.504	63.7	66.38	26.343	284.41	0	
"2011-02-17	11:00:00"	6.916	212.8	12.51	10.54	5.646	213.1	16.6	8.75	57.55	58.78	-1.238	51.89	52.4	26.36	430.27	0	
"2011-02-17	12:00:00"	12.06	237.9	29.39	23.07	9.74	239.7	32.43	20.68	69.21	70.73	-1.523	22.94	22.88	26.356	628.47	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-17	13:00:00"	15.73	255.8	13.46	25.45	12.76	257.3	14.54	20.68	73.43	75.54	-2.118	16.47	15.61	26.345	762.31	0	
"2011-02-17	14:00:00"	14.38	249.1	13.46	21.87	12.49	250.2	15.34	21.28	76.75	78.76	-2.016	15.05	13.76	26.312	713.3	0	
"2011-02-17	15:00:00"	14.64	255.5	14.84	23.66	11.85	257.4	17.02	20.09	76.62	78.86	-2.242	15.23	13.91	26.3	695.3	0	
"2011-02-17	16:00:00"	17.15	246.5	15.59	26.05	13.95	248.7	17.38	23.07	77.14	78.32	-1.177	15.81	14.8	26.293	340.58	0	
"2011-02-17	17:00:00"	15.12	248.9	12.65	25.45	12.35	250.7	14.66	21.87	76.71	77.12	-0.415	15.7	15.14	26.296	200.43	0	
"2011-02-17	18:00:00"	17.74	234.6	7.821	25.45	14.84	236.4	10.03	22.47	75.23	75.15	0.083	17.05	16.84	26.307	123.46	0	
"2011-02-17	19:00:00"	13.86	232.1	7.1	23.07	11	233.5	9.45	20.09	73.08	72.15	0.93	18.05	18.57	26.335	28.643	0	
"2011-02-17	20:00:00"	8.84	243.9	11.39	20.09	6.34	243.3	12.92	12.93	68.51	66.19	2.317	20.78	22.86	26.368	0	0	
"2011-02-17	21:00:00"	5.51	253.1	36.57	9.35	2.942	237.9	57.97	6.368	66.77	62.88	3.894	20.06	24.64	26.392	0	0	
"2011-02-17	22:00:00"	5.288	292	14.56	8.75	3.693	307.4	17.98	5.175	67.99	61.94	6.053	16.86	22.65	26.401	0	0	
"2011-02-17	23:00:00"	6.071	318.6	4.659	7.561	4.138	336	10.71	5.771	67.64	58.81	8.83	16.98	24.05	26.411	0	0	
"2011-02-18	00:00:00"	8.4	316.5	6.076	14.72	4.646	320.2	7.491	7.561	62.51	55.99	6.516	20.44	26.87	26.423	0	0	
"2011-02-18	01:00:00"	8.28	319.2	4.58	11.74	4.313	322.4	6.82	6.368	60.77	54.16	6.606	21.66	28.73	26.43	0	0	
"2011-02-18	02:00:00"	5.018	208.9	72.58	11.74	2.794	192.7	68.17	8.16	56.06	52.23	3.828	25.51	31.41	26.445	0	0	
"2011-02-18	03:00:00"	4.008	175.5	10.69	8.16	2.3	179.5	52.78	5.175	57.51	53.78	3.727	27.25	30.96	26.456	0	0	
"2011-02-18	04:00:00"	6.021	183.4	6.707	7.561	3.18	180.3	13.93	4.578	56.02	52.94	3.079	36.32	39.6	26.459	0	0	
"2011-02-18	05:00:00"	4.615	199.4	7.878	6.368	2.09	195	21.24	4.578	55.28	52.79	2.489	45.98	46.77	26.458	0	0	
"2011-02-18	06:00:00"	5.056	192.3	9.75	6.964	2.681	184.1	18.08	3.982	54.5	51.84	2.663	58.93	59.91	26.47	0	0	
"2011-02-18	07:00:00"	3.221	230.7	21.6	5.175	1.745	279.9	36.11	5.175	55.05	52.06	2.991	65.16	69.03	26.475	0	0	
"2011-02-18	08:00:00"	3.1	263.8	27.77	5.771	2.688	308.2	25.34	5.771	55.58	51.57	4.005	65.54	72.49	26.482	15.276	0	
"2011-02-18	09:00:00"	4.903	342.6	37.42	9.35	3.803	353.1	36.94	7.561	55.89	54.3	1.598	60.01	64.09	26.508	168.59	0	
"2011-02-18	10:00:00"	3.365	131.2	36.63	8.16	2.743	137.9	40.35	6.964	62.99	63.39	-0.399	40.48	42.3	26.53	358.25	0	
"2011-02-18	11:00:00"	5.06	86.4	30.19	8.16	4.227	85	33.67	8.16	68.45	69.71	-1.26	24.41	24.2	26.534	538.29	0	
"2011-02-18	12:00:00"	6.073	111.6	52.33	11.14	5.115	110.9	58.23	9.95	71.08	72.83	-1.749	23.4	22.54	26.532	667.2	0	
"2011-02-18	13:00:00"	5.477	104.7	63.26	11.14	4.724	106.6	65.74	9.95	73	74.77	-1.773	23.16	22.01	26.516	732.92	0	
"2011-02-18	14:00:00"	7.776	157.5	39.7	17.1	6.464	156.8	43.55	14.12	75.11	77.25	-2.134	23.15	21.55	26.485	722.67	0	
"2011-02-18	15:00:00"	9.19	154.8	37.69	19.49	7.45	153.2	42.89	15.91	76.49	78.52	-2.032	21.58	19.98	26.455	659.14	0	
"2011-02-18	16:00:00"	10.9	169.4	29.5	20.68	8.69	167	30.56	18.3	77.53	79.58	-2.041	20.8	19.31	26.434	551.24	0	
"2011-02-18	17:00:00"	11.67	165.7	21.44	18.3	9.09	163.6	24.1	15.31	77.69	79.38	-1.687	21.17	19.86	26.425	377.6	0	
"2011-02-18	18:00:00"	11.56	159.7	14.01	18.89	8.76	157	14.66	15.91	77.01	77.93	-0.922	22.79	21.98	26.424	183.9	0	
"2011-02-18	19:00:00"	9.42	141.8	12.07	13.52	6.136	139.1	13.57	9.95	73.14	72.66	0.486	29.63	30.01	26.431	21.374	0	
"2011-02-18	20:00:00"	10.44	140.5	8.79	14.72	7.183	137.1	10.52	11.14	67.46	67.03	0.435	40.13	40.79	26.448	0	0	
"2011-02-18	21:00:00"	11.75	156.3	6.865	15.91	8.35	154.4	8.02	12.33	64.37	64.83	-0.463	57.41	57.33	26.468	0	0	
"2011-02-18	22:00:00"	10.16	157.6	8.16	14.72	7.04	156	9.5	11.14	61.8	62.04	-0.237	67.77	68.26	26.487	0	0	
"2011-02-18	23:00:00"	7.227	154.1	13.08	9.95	4.572	154.9	17.05	7.561	59.23	58.81	0.419	74.31	75.81	26.501	0	0	
"2011-02-19	00:00:00"	7.294	200.1	22.9	13.52	5.147	202.8	31.04	12.33	56.58	55.9	0.685	83	85	26.503	0	0	
"2011-02-19	01:00:00"	11.2	187.1	8.78	17.7	8.51	184.7	11.86	13.52	56.33	56.49	-0.157	90.6	91.9	26.498	0	0	
"2011-02-19	02:00:00"	9.8	176.3	8.75	13.52	7.348	172.8	11.48	10.54	55.51	55.73	-0.229	91.7	93.2	26.492	0.76829	0	
"2011-02-19	03:00:00"	8.58	196	13.1	13.52	6.483	195.7	17.16	11.14	54.71	55.11	-0.397	91.5	92.1	26.486	0.3957	0	
"2011-02-19	04:00:00"	5.793	211.7	18.06	9.95	4.704	212.9	21.21	8.16	54.26	54.51	-0.258	90.5	91.6	26.47	0	0	
"2011-02-19	05:00:00"	6.064	208.6	14.99	11.14	4.725	209.1	18.75	8.75	53.67	53.85	-0.185	91.3	92.9	26.466	0.14375	0	
"2011-02-19	06:00:00"	2.922	208.2	50.77	8.16	2.597	203.7	56.73	7.561	53.16	53.29	-0.127	91.8	93.9	26.462	1.7154	0	
"2011-02-19	07:00:00"	2.218	100.3	54.14	5.175	2.164	98.7	51.88	5.175	52.32	52.5	-0.188	91.8	94.3	26.466	2.6154	0	
"2011-02-19	08:00:00"	4.685	140.8	16.18	8.16	3.854	142	21.34	6.964	51.62	52	-0.385	91.9	94.7	26.483	6.9921	0	
"2011-02-19	09:00:00"	4.531	136.6	28.94	7.561	3.788	136.5	32.35	6.964	51.32	51.73	-0.411	92.1	94.8	26.49	50.514	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-02-19	10:00:00"	5.144	158.4	22.58	9.35	4.225	158.9	25.14	8.16	51.59	52.16	-0.561	92.2	94.9	26.492	115.03	0
"2011-02-19	11:00:00"	5.63	152.2	20.12	10.54	4.656	152.8	23.07	9.95	52.39	53.07	-0.677	92.4	95	26.494	143.54	0
"2011-02-19	12:00:00"	4.052	145.9	37.27	8.16	3.349	147.1	46.72	7.561	53.6	54.29	-0.692	92.4	94.6	26.488	196	0
"2011-02-19	13:00:00"	5.145	106.9	44.89	13.52	4.318	103.3	50.11	9.95	57.83	61.58	-3.756	81.6	77.02	26.445	669.55	0
"2011-02-19	14:00:00"	9.32	161.5	19.38	15.91	7.466	160	21.64	13.52	66.11	69.78	-3.671	57.51	54.2	26.394	719.42	0
"2011-02-19	15:00:00"	13.25	155.8	14.05	20.68	10.68	154.3	15.24	18.89	67.98	70.68	-2.7	56.23	52.43	26.352	649.15	0
"2011-02-19	16:00:00"	14.68	154.8	15.41	22.47	11.67	152.4	16.58	19.49	70.15	72.59	-2.439	52.54	49.13	26.315	545.92	0
"2011-02-19	17:00:00"	14.02	190.3	16.74	21.87	10.73	188.5	19.72	18.3	73.16	74.63	-1.476	39.27	37.72	26.296	380.72	0
"2011-02-19	18:00:00"	12.5	203.8	12.75	18.3	9.44	202.8	16.47	14.72	73.56	74.04	-0.488	35.72	35.37	26.286	190.88	0
"2011-02-19	19:00:00"	9.96	179.3	11.5	15.91	6.925	175.5	13.79	12.93	71.01	70.28	0.726	39.08	40.25	26.29	25.597	0
"2011-02-19	20:00:00"	13.59	155.2	7.809	23.07	10.01	153	8.9	18.89	65.08	65.51	-0.435	60.31	60.16	26.298	0	0
"2011-02-19	21:00:00"	17.35	158.6	6.743	27.24	13.26	156.1	8.03	21.87	60.1	60.72	-0.616	77.14	77.15	26.302	0	0
"2011-02-19	22:00:00"	20.2	160.7	7.129	30.22	15.59	158.8	8.32	24.26	57.23	57.85	-0.623	84.6	85	26.301	0	0
"2011-02-19	23:00:00"	13.91	169	8.88	22.47	10.37	166.5	9.85	18.3	56.56	56.66	-0.091	85.5	86.9	26.295	0	0
"2011-02-20	00:00:00"	13.73	178	7.379	20.09	9.97	174.6	10.22	15.31	57.02	56.68	0.337	85.8	88.2	26.285	0	0
"2011-02-20	01:00:00"	11.73	188.6	10.61	17.7	8.64	187.6	13.63	13.52	56.11	55.72	0.393	87.2	89.8	26.271	0	0
"2011-02-20	02:00:00"	9.03	198.8	9.68	13.52	6.41	199.2	12.98	9.95	54.59	54.03	0.557	89.1	91.8	26.26	0.01811	0
"2011-02-20	03:00:00"	9.73	214.7	8.34	13.52	6.798	218.1	11.15	10.54	53.78	53.05	0.731	89.6	92.5	26.242	0.67233	0
"2011-02-20	04:00:00"	8.49	220	11.07	12.93	6.118	226.7	15.4	10.54	53.16	52.24	0.922	89.9	92.8	26.225	0.74755	0
"2011-02-20	05:00:00"	6.865	219.6	12.63	9.35	4.855	223.6	15.85	7.561	51.05	50.45	0.606	91.3	94.3	26.218	1.5654	0
"2011-02-20	06:00:00"	7.194	218.7	7.524	10.54	5.525	221	10.31	8.16	49.43	49.35	0.078	91.5	94.6	26.213	1.3813	0
"2011-02-20	07:00:00"	7.17	228.1	8.6	10.54	5.684	230.2	10.79	8.75	47.81	47.59	0.22	91.4	94.6	26.216	1.3804	0
"2011-02-20	08:00:00"	9	221.2	7.882	12.93	7.077	223.4	10.73	10.54	47.67	47.71	-0.039	91.5	94.8	26.22	16.907	0
"2011-02-20	09:00:00"	8.61	218.7	14.71	13.52	6.867	220.4	17.97	10.54	47.37	47.69	-0.321	91.4	94.9	26.232	183.37	0
"2011-02-20	10:00:00"	9.93	223.1	9.8	14.72	7.914	225.3	12.18	12.33	53.2	53.52	-0.312	77.35	86	26.247	315.87	0
"2011-02-20	11:00:00"	15.51	228.2	9.14	27.84	12.57	230	11.83	24.26	62.13	62.58	-0.449	41.32	43.74	26.248	357.98	0
"2011-02-20	12:00:00"	21.46	234.3	9.57	34.4	17.88	236	12.13	30.22	67.82	68.98	-1.159	25.26	25.49	26.237	562.68	0
"2011-02-20	13:00:00"	24.83	242	12.45	38.57	20.39	243.9	14.63	33.21	71.51	72.67	-1.159	17.23	17.01	26.21	571.31	0
"2011-02-20	14:00:00"	28.49	248.6	10.87	40.96	23.67	251.1	12.64	36.19	74.77	76.42	-1.656	11.91	11.16	26.167	773.64	0
"2011-02-20	15:00:00"	26.03	250.5	11.52	38.57	21.35	253.2	13.66	34.4	76.49	78.49	-2	10.9	9.85	26.135	742.21	0
"2011-02-20	16:00:00"	22.69	272.4	13.05	34.4	16.83	273.4	14.16	27.24	75.74	77.16	-1.421	12	11.09	26.122	460.88	0
"2011-02-20	17:00:00"	19.95	285.8	8.86	27.84	13.14	286.1	11.3	24.26	73.43	74.33	-0.898	12.98	12.44	26.122	287.42	0
"2011-02-20	18:00:00"	14.08	291.3	9.4	22.47	8.53	291.3	12.29	16.51	72.25	72.35	-0.095	12.99	12.94	26.122	135.25	0
"2011-02-20	19:00:00"	8.78	303.4	10.37	14.12	4.219	306.1	14.85	8.16	67.76	66.13	1.626	15.06	16.43	26.131	13.236	0
"2011-02-20	20:00:00"	8.69	307.8	7.35	11.74	3.744	313.1	10.08	6.368	64.42	60.06	4.364	16.73	20.35	26.144	0	0
"2011-02-20	21:00:00"	7.112	287.8	13.15	12.93	3.024	292.7	16.9	5.771	63.32	60.01	3.314	17.66	20.96	26.148	0	0
"2011-02-20	22:00:00"	6.435	269.5	12.13	11.14	3.57	272.9	19.71	6.964	62.26	59.52	2.74	17.78	20.95	26.156	0	0
"2011-02-20	23:00:00"	6.482	185.5	28.36	14.72	4.264	179.9	25.36	11.74	58.04	56.33	1.711	20.9	24.3	26.169	0	0
"2011-02-21	00:00:00"	3.52	175.4	36.06	6.368	1.863	156.1	65.93	3.982	58.85	56.4	2.451	20.52	23.98	26.178	0	0
"2011-02-21	01:00:00"	8.99	266.5	12.43	14.12	5.781	266.9	15.68	10.54	61.72	59.5	2.225	16.85	19.98	26.177	0	0
"2011-02-21	02:00:00"	10.98	290.3	7.009	15.91	5.863	291.8	10.03	12.93	59.06	57.79	1.275	19.12	21.35	26.189	0	0
"2011-02-21	03:00:00"	10.67	310	14.14	14.72	6.002	309.7	15.72	11.74	57.71	56.42	1.289	20.78	23.23	26.206	0	0
"2011-02-21	04:00:00"	12.8	333.9	9.69	18.3	8.92	332.4	11.12	15.31	54.94	53.98	0.96	22.76	25.25	26.218	0	0
"2011-02-21	05:00:00"	15.84	358.2	12.53	24.86	11.69	352.8	13.39	18.89	50.47	49.93	0.537	31.26	33.88	26.24	0	0
"2011-02-21	06:00:00"	16.63	0.982	14.12	26.65	12.45	355.4	14.74	21.87	46.89	46.47	0.427	36.16	39.14	26.259	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-21	07:00:00"	16.99	10.64	9.19	24.86	12.75	6.496	14.87	21.87	44.88	44.45	0.428	37.96	41.52	26.28	0	0
"2011-02-21	08:00:00"	15.63	3.503	12.84	23.07	11.6	357.9	15.18	18.3	43.43	43.1	0.329	37.69	41.22	26.301	25.256	0
"2011-02-21	09:00:00"	18.96	351.8	11.62	28.43	14.44	347.3	12.4	24.86	46.45	46.96	-0.501	32.15	34.18	26.327	223.1	0
"2011-02-21	10:00:00"	22.55	347.5	11.83	32.01	17.26	343.6	12.09	27.24	48.86	49.94	-1.08	25.67	27.01	26.35	386.08	0
"2011-02-21	11:00:00"	19.36	344.1	10.03	27.24	14.75	340.8	12.91	22.47	52.32	54.19	-1.866	21.15	21.76	26.36	566.28	0
"2011-02-21	12:00:00"	17.22	334.5	12.88	24.86	12.97	332.1	14.37	21.28	56.05	58.45	-2.407	17.29	17.48	26.356	700.21	0
"2011-02-21	13:00:00"	12.61	322.8	15.03	27.84	9.16	321.4	16.81	20.68	58.7	61.21	-2.508	15.14	15.12	26.341	710.42	0
"2011-02-21	14:00:00"	10.16	309.5	25.75	17.7	7.395	307.5	27.29	14.72	60.47	62.96	-2.484	14.5	14.36	26.321	771.39	0
"2011-02-21	15:00:00"	10.38	292	20.72	20.68	7.278	290.9	21.42	17.1	62.56	65.12	-2.555	14.66	14.27	26.296	692.01	0
"2011-02-21	16:00:00"	10.1	276.2	29.35	18.89	7.57	275.8	31.94	14.72	64.27	66.39	-2.116	14.99	14.65	26.285	585.43	0
"2011-02-21	17:00:00"	8.65	249.4	27.97	17.7	7.039	250.7	30.15	15.31	65.44	66.85	-1.41	15.22	15.24	26.28	411.23	0
"2011-02-21	18:00:00"	7.433	254.6	18.38	15.91	6.01	256.2	20.41	14.72	65.51	65.96	-0.45	15	15.6	26.283	150.23	0
"2011-02-21	19:00:00"	5.389	204.7	26.04	9.95	3.986	197.5	39.11	9.35	64.85	64.12	0.733	15.48	17.82	26.295	41.512	0
"2011-02-21	20:00:00"	5.1	131.2	17.99	8.16	3.029	95.7	17.47	5.175	62.93	59.61	3.322	15.87	19.64	26.314	0	0
"2011-02-21	21:00:00"	7.053	71.66	6.565	9.95	4.429	60.21	10.92	5.771	55.92	51.64	4.277	20.6	27.38	26.333	0	0
"2011-02-21	22:00:00"	9.93	85.5	6.438	18.3	5.965	75.3	10.99	14.12	53.07	49.3	3.773	21.64	27.95	26.354	0	0
"2011-02-21	23:00:00"	14.06	95.8	6.65	19.49	10.45	93.1	8.31	15.91	48.16	47.67	0.491	34.07	36.99	26.376	0	0
"2011-02-22	00:00:00"	13.14	92.1	6.35	18.3	9.5	89	8.5	15.91	45.01	44.52	0.487	39.16	43.09	26.379	0	0
"2011-02-22	01:00:00"	12.33	89	7.051	17.7	8.76	85.3	9.15	14.12	42.34	41.83	0.507	42.8	47.3	26.38	0	0
"2011-02-22	02:00:00"	13.21	88.2	5.913	19.49	9.49	84.9	8.45	14.72	40.04	39.62	0.423	45.92	50.59	26.372	0	0
"2011-02-22	03:00:00"	13.36	87.9	7.369	19.49	9.75	84.2	9.46	16.51	38.42	38.09	0.336	48.21	52.9	26.364	0	0
"2011-02-22	04:00:00"	10.74	83.5	8.33	16.51	7.619	79.61	11.17	12.33	36.78	36.37	0.409	49.9	54.95	26.367	0	0
"2011-02-22	05:00:00"	8.76	66.83	6.435	11.74	5.928	60.38	9.09	8.16	33.74	33.04	0.7	54.33	60.31	26.367	0	0
"2011-02-22	06:00:00"	9.74	73.07	10.61	14.12	7.081	68.89	13.47	11.74	34.04	33.88	0.166	53.18	58.35	26.375	0	0
"2011-02-22	07:00:00"	12.34	86.7	8.04	17.1	9.45	84.6	10.48	15.31	37.58	37.79	-0.209	46.88	50.8	26.389	0	0
"2011-02-22	08:00:00"	11.08	92.4	8.79	17.1	8.42	90.1	11.56	13.52	38.47	38.72	-0.255	45.88	49.69	26.397	7.9392	0
"2011-02-22	09:00:00"	8.78	96.1	11.26	14.12	6.961	94.5	14	10.54	40.02	40.4	-0.39	44.64	48.25	26.416	46.037	0
"2011-02-22	10:00:00"	7.905	93.4	11.05	11.74	6.332	91.2	14.48	9.95	41.75	42.39	-0.639	43.45	46.59	26.432	117.62	0
"2011-02-22	11:00:00"	7.992	113.3	19.11	12.33	6.613	111.5	22.29	11.74	45.91	47.04	-1.137	44.2	46.06	26.445	419.06	0
"2011-02-22	12:00:00"	7.238	141.9	21.52	13.52	5.933	141.1	25.2	11.74	50.87	52.84	-1.965	44.29	44.16	26.443	683.27	0
"2011-02-22	13:00:00"	9.23	163.4	22.38	17.1	7.447	160.5	24.86	14.72	55.92	58.32	-2.401	43.08	41.73	26.414	754.74	0
"2011-02-22	14:00:00"	7.7	178.1	17.47	15.31	6.091	173.2	22.73	13.52	62.98	65.55	-2.569	35.1	33.54	26.357	738.27	0
"2011-02-22	15:00:00"	7.835	198.9	39.35	17.7	6.473	197.7	44.68	14.72	64.14	66.3	-2.167	32.19	31.13	26.34	675.74	0
"2011-02-22	16:00:00"	7.539	192.5	34.18	15.91	6.206	190.9	39.7	13.52	66.54	68.42	-1.877	28.35	27.5	26.32	563.1	0
"2011-02-22	17:00:00"	7.193	209.5	25.71	17.1	5.926	208.6	31.64	13.52	68.12	69.56	-1.434	23.9	23.49	26.306	396.64	0
"2011-02-22	18:00:00"	8.79	200.5	20.29	16.51	6.689	199.1	23.18	12.33	68.46	69.1	-0.632	22.68	23.03	26.3	208.06	0
"2011-02-22	19:00:00"	8.16	164.3	6.148	11.74	5.187	159.4	8.57	8.75	66.24	65.65	0.593	25.98	27.59	26.309	31.598	0
"2011-02-22	20:00:00"	8.12	148	16.38	10.54	4.318	134.6	22.16	6.368	62.17	59.56	2.617	28.3	31.83	26.32	0	0
"2011-02-22	21:00:00"	9.4	136.1	7.855	12.33	5.837	130.8	11.06	8.16	58.02	56.63	1.386	47.04	49.81	26.329	0	0
"2011-02-22	22:00:00"	9.09	152	6.935	12.93	5.509	143.4	9.5	8.16	58.02	56.72	1.295	49.41	53.11	26.34	0	0
"2011-02-22	23:00:00"	8.39	143.2	12.43	11.14	4.671	135.5	19.7	6.964	56.59	54.34	2.252	52.54	57.6	26.34	0	0
"2011-02-23	00:00:00"	8.31	147.3	9.68	13.52	5.538	142.6	12.04	9.95	54.39	53.78	0.614	61	63.7	26.34	0	0
"2011-02-23	01:00:00"	6.667	181.3	13.74	9.35	4.241	182.8	17.6	6.964	52.62	51.54	1.086	73.82	76.82	26.339	0	0
"2011-02-23	02:00:00"	6.893	204.5	6.515	8.75	4.248	211.8	9.64	6.368	51.28	50.05	1.235	84.2	86.9	26.334	0	0
"2011-02-23	03:00:00"	6.972	218.1	8.02	9.35	4.652	228.6	8.94	6.368	51.02	49.4	1.62	89.8	92.5	26.334	0.32623	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-23	04:00:00"	8.64	187.6	10.57	12.93	5.983	187.4	15.26	8.75	51.83	51.33	0.493	90.1	92.6	26.32	0.63162	0	
"2011-02-23	05:00:00"	7.912	192.6	8.53	12.93	5.737	192.5	10.95	11.14	52.48	52.19	0.289	88.9	91.5	26.316	0.09192	0	
"2011-02-23	06:00:00"	7.099	195.4	8.49	10.54	5.104	195	10.8	8.16	52.63	52.38	0.254	89.1	91.6	26.318	0	0	
"2011-02-23	07:00:00"	6.886	237.5	21.34	11.14	5.283	241.7	23.85	8.16	52.88	52.73	0.149	88	90.5	26.333	0	0	
"2011-02-23	08:00:00"	3.999	246.7	20.84	7.561	2.831	251.7	24.03	7.561	53.73	53.38	0.349	85.3	88.2	26.346	11.697	0	
"2011-02-23	09:00:00"	5.578	243.1	12.31	8.75	4.779	245.1	14.24	7.561	54.23	54.44	-0.203	84.4	86.7	26.354	173.33	0	
"2011-02-23	10:00:00"	5.915	253.1	15.36	10.54	5.039	253.5	18.11	9.95	56.48	57.44	-0.953	74.8	75.42	26.364	374.39	0	
"2011-02-23	11:00:00"	9.26	282	17.61	14.72	6.655	281.7	19.19	12.33	61.78	63.57	-1.795	42.36	41.76	26.364	559.97	0	
"2011-02-23	12:00:00"	12.98	287.5	14.64	21.87	8.99	287.2	16.95	17.7	67.43	69.68	-2.252	21.33	20.72	26.35	697.67	0	
"2011-02-23	13:00:00"	13.06	274.5	20.37	21.87	9.67	274.6	21.41	18.89	70.1	72.52	-2.421	15.5	14.98	26.331	772.18	0	
"2011-02-23	14:00:00"	11.28	246	20.68	23.66	9.31	247.7	23.91	18.3	70.93	73.23	-2.295	15.35	15.18	26.299	773.75	0	
"2011-02-23	15:00:00"	14.75	242.9	16.71	25.45	12.17	244.5	19.11	21.87	72.21	74.32	-2.112	14.89	15.1	26.267	692.19	0	
"2011-02-23	16:00:00"	17.03	229.7	15.54	27.24	13.88	231.7	18.28	23.66	72.95	74.52	-1.57	15.21	15.5	26.243	571.79	0	
"2011-02-23	17:00:00"	17.82	237.8	14.12	29.03	14.88	240	16.23	24.86	73.41	74.33	-0.915	13.17	13.4	26.233	398.65	0	
"2011-02-23	18:00:00"	15.77	233.6	13.19	28.43	12.59	236.3	15.4	24.26	72.89	72.94	-0.047	14.27	14.92	26.23	212.3	0	
"2011-02-23	19:00:00"	11.93	267.2	10.22	23.07	8.68	270.5	12.92	20.09	70.86	69.53	1.333	11.11	12.08	26.234	35.4	0	
"2011-02-23	20:00:00"	3.76	274.8	41.89	10.54	2.449	327	70.49	6.368	67.42	62.87	4.551	12.65	15.84	26.239	0	0	
"2011-02-23	21:00:00"	5.54	302.1	7.47	8.75	2.745	322.9	9.42	5.771	64.59	58.53	6.066	13.58	17.74	26.24	0	0	
"2011-02-23	22:00:00"	3.453	214.8	64.23	8.75	2.257	157.6	78.86	5.175	62.06	57.24	4.826	14.82	19.4	26.249	0	0	
"2011-02-23	23:00:00"	4.753	161.6	11.92	9.35	2.373	143.6	69.35	5.771	60.57	56.14	4.434	15.54	20.62	26.249	0	0	
"2011-02-24	01:00:00"	4.036	242	47.72	10.54	2.411	333.2	55.24	8.16	60.84	56.31	4.53	14.68	19.46	26.237	0	0	
"2011-02-24	02:00:00"	5.189	238	33.66	8.16	3.162	242.5	41.93	6.368	57.61	54.57	3.037	16.68	23.28	26.233	0	0	
"2011-02-24	03:00:00"	6.08	239.8	29.31	11.74	4.004	244.2	33.53	8.75	58.05	55.56	2.491	16.15	21.13	26.234	0	0	
"2011-02-24	04:00:00"	11.93	287	10.06	24.26	6.924	287.7	12.42	13.52	56.6	55.14	1.458	17.2	19.84	26.227	0	0	
"2011-02-24	05:00:00"	15.53	291.1	7.7	23.07	9.08	291	10.53	18.3	55.2	54.53	0.664	18.16	20.22	26.228	0	0	
"2011-02-24	06:00:00"	14.04	289	7.898	21.87	8.35	289.2	10.89	17.1	53.71	52.85	0.869	19.69	22.05	26.236	0	0	
"2011-02-24	07:00:00"	13.65	280.3	8.56	21.87	9.15	281.5	11.16	18.3	51.53	50.54	0.991	22.02	24.78	26.245	0	0	
"2011-02-24	08:00:00"	22.09	272.8	8.82	40.36	16.22	274.1	10.87	34.4	51.65	50.94	0.711	26.85	29.46	26.247	15.367	0	
"2011-02-24	09:00:00"	24.88	263.8	8.12	39.77	19.19	266.2	10.34	33.21	53.47	53.34	0.123	27.7	29.98	26.281	182.11	0	
"2011-02-24	10:00:00"	28.18	264.5	8.17	39.17	21.66	266.4	10.32	35.59	55.05	55.55	-0.497	25.32	26.85	26.302	376.08	0	
"2011-02-24	11:00:00"	25.47	277.7	11.14	36.19	18.37	278.4	12.84	29.03	56.24	57.69	-1.457	23.17	23.75	26.32	551.72	0	
"2011-02-24	12:00:00"	21.18	289.6	13.21	33.21	13.75	289.4	14.76	25.45	57.72	59.91	-2.189	21.9	21.77	26.335	686.87	0	
"2011-02-24	13:00:00"	19.03	300.2	15.14	29.63	12.14	299.7	16.85	23.07	59.48	62.01	-2.531	19.32	18.9	26.331	766.38	0	
"2011-02-24	14:00:00"	18.36	297.5	15.76	30.22	11.95	297.3	17.17	24.26	60.7	63.29	-2.597	16.9	16.49	26.314	775.82	0	
"2011-02-24	15:00:00"	20.45	287	17.01	33.21	13.84	287.5	18.25	26.05	61.63	64.23	-2.591	14.96	14.78	26.3	696.56	0	
"2011-02-24	16:00:00"	21.18	284	13.79	33.8	14.24	284.5	15.4	28.43	62.98	65.22	-2.237	13.77	13.58	26.298	583.87	0	
"2011-02-24	17:00:00"	17.63	268.7	14.27	28.43	13.36	270.6	15.76	29.03	63.74	65.32	-1.582	14.04	14.35	26.297	416.88	0	
"2011-02-24	18:00:00"	14.36	271.6	14.52	22.47	10.54	272.8	15.73	18.3	64.11	64.81	-0.693	13.44	14.21	26.301	227.03	0	
"2011-02-24	19:00:00"	13.13	260.1	13.9	25.45	9.92	262	14.77	23.07	62.54	62.04	0.504	13.07	14.64	26.31	45.037	0	
"2011-02-24	20:00:00"	11.9	253.7	7.176	18.3	9.12	256.7	9.6	15.31	57.95	57.12	0.831	16.45	18.73	26.332	0.03286	0	
"2011-02-24	21:00:00"	13.75	264.1	7.53	21.87	10.34	266.3	9.74	15.91	56.16	55.26	0.898	19.21	21.57	26.358	0	0	
"2011-02-24	22:00:00"	10.08	259.5	10.47	15.91	7.526	260.7	13.62	12.33	53.71	52.68	1.031	20.84	23.68	26.38	0	0	
"2011-02-24	23:00:00"	7.755	231.2	33.49	14.72	5.494	229.7	37.09	11.74	49.59	48.08	1.513	23.19	27.39	26.397	0	0	
"2011-02-25	00:00:00"	8.02	286.5	10.76	14.12	4.113	291.7	14.43	9.95	48.66	46.26	2.406	23.83	28.05	26.404	0	0	
"2011-02-25	01:00:00"	8.1	299.6	14.14	11.74	4.09	301.1	22.49	6.368	46.14	42	4.136	25.64	31.69	26.398	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-02-25	02:00:00"	9.15	310.3	7.124	11.14	4.041	320.4	11.2	7.561	45.42	40	5.418	26.4	34.04	26.389	0	0
"2011-02-25	03:00:00"	9.28	307.4	8.66	12.33	4.48	323.2	14.81	6.368	45.33	39.77	5.554	26.63	34.5	26.385	0	0
"2011-02-25	04:00:00"	7.933	313.4	9.91	9.95	4.352	335.4	19.06	5.771	44.79	38.08	6.712	26.97	35.96	26.38	0	0
"2011-02-25	05:00:00"	5.708	263.5	40.11	10.54	3.264	269.8	49.11	5.771	43.3	38.95	4.354	28.23	35.91	26.376	0	0
"2011-02-25	06:00:00"	5.672	207.3	10.9	8.16	3.135	213.1	15.9	5.771	41.27	38.49	2.776	30.06	36.63	26.383	0	0
"2011-02-25	07:00:00"	7.705	97.9	59.86	12.33	4.899	83.5	57.33	10.54	36.23	32.97	3.262	36.98	44.9	26.394	0	0
"2011-02-25	08:00:00"	9.25	85.5	10.71	12.33	6.416	79.57	14.28	9.35	28.99	28.61	0.381	60.38	65.75	26.412	23.133	0
"2011-02-25	09:00:00"	10.95	86.9	8.76	17.1	8.51	85	12.37	15.31	31.42	31.98	-0.558	68.79	72.44	26.438	187.46	0
"2011-02-25	10:00:00"	11.74	97.8	11.19	16.51	9.46	95.9	14.1	14.72	35.95	36.99	-1.033	61.39	64.2	26.45	376.15	0
"2011-02-25	11:00:00"	10.78	120.9	12.97	16.51	8.81	119.3	15.88	14.72	41.03	42.56	-1.534	48.79	50.66	26.444	553.05	0
"2011-02-25	12:00:00"	12.35	158.7	21.61	21.87	9.82	156.1	22.52	20.09	48.86	51.13	-2.275	35.47	35.9	26.429	690.26	0
"2011-02-25	13:00:00"	16.34	202.5	14.05	24.86	12.77	201.4	17.71	21.87	57.66	59.73	-2.064	22.5	23.13	26.386	766.39	0
"2011-02-25	14:00:00"	21.38	214.2	13.28	33.8	16.44	214.4	16.78	27.84	64.92	66.75	-1.834	16.23	16.64	26.329	764.8	0
"2011-02-25	15:00:00"	23.25	219.5	12.09	34.4	18.29	220.5	14.87	30.22	67.56	69.13	-1.563	13.01	13.4	26.29	692.99	0
"2011-02-25	16:00:00"	22.62	224.5	11.79	38.57	18.06	225.9	14.53	31.42	69.24	70.64	-1.395	12.23	12.53	26.264	590.16	0
"2011-02-25	17:00:00"	24.32	225.2	11.66	35.59	19.46	226.5	14.73	28.43	70.82	71.55	-0.729	11.79	12.15	26.243	423.32	0
"2011-02-25	18:00:00"	21.85	224	10.8	32.01	16.58	225.7	14.19	26.65	71.17	71.36	-0.186	11.66	12.09	26.24	235.57	0
"2011-02-25	19:00:00"	16.07	233.3	9.38	27.84	12.64	235.7	11.96	21.87	68.77	68.4	0.373	12.11	12.8	26.248	47.506	0
"2011-02-25	20:00:00"	11.76	244	9.36	18.89	9.43	246.6	11.69	16.51	64.31	63.39	0.929	13.07	14.52	26.268	0.02692	0
"2011-02-25	21:00:00"	5.947	224.3	29.99	9.95	3.904	222.3	40.44	8.16	58.56	56.48	2.076	15.21	18.52	26.288	0	0
"2011-02-25	22:00:00"	8.01	234.8	9.82	13.52	5.758	237.1	12.48	10.54	57.49	55.93	1.566	15.67	18.72	26.296	0	0
"2011-02-25	23:00:00"	9.26	244.8	7.443	12.93	6.742	248.7	10.26	9.95	53.66	51.75	1.912	17.08	20.83	26.298	0	0
"2011-02-26	00:00:00"	8.66	244.2	14.7	13.52	5.971	246.1	18.77	10.54	52.07	49.88	2.192	17.11	21.3	26.297	0	0
"2011-02-26	01:00:00"	8.27	255.5	26.44	14.72	5.317	261.1	29.34	11.14	52.25	49.44	2.802	16.01	20.41	26.29	0	0
"2011-02-26	02:00:00"	10.74	306.4	5.241	12.93	4.328	309.3	8.87	7.561	50.29	44.64	5.642	16.78	22.93	26.285	0	0
"2011-02-26	03:00:00"	10.8	309	4.686	14.12	4.592	311.4	9.61	8.16	49.22	44.34	4.876	17.31	23.08	26.274	0	0
"2011-02-26	04:00:00"	10.44	299.4	6.628	12.33	4.028	301	13.11	6.368	49.63	44.07	5.558	17.05	23.28	26.253	0	0
"2011-02-26	05:00:00"	7.963	236.7	47.07	11.74	3.991	237.5	42.42	9.95	47.21	43.49	3.719	18.57	24.47	26.245	0	0
"2011-02-26	06:00:00"	3.244	204.7	12.34	6.964	3.134	212	22.51	4.578	46.04	43.05	2.99	18.94	24.95	26.251	0	0
"2011-02-26	07:00:00"	2.896	183.6	5.986	11.14	4.832	180.1	10.55	7.561	46.63	42.84	3.784	19.02	25.85	26.257	0	0
"2011-02-26	08:00:00"	7.805	183.5	8.08	11.14	5.355	179.6	10.67	8.16	45.04	43.18	1.865	23.16	27.92	26.266	26.429	0
"2011-02-26	09:00:00"	8.59	187.7	13.71	11.74	6.291	182.9	17.64	9.35	47.63	47.27	0.362	21.91	25.47	26.283	192.31	0
"2011-02-26	10:00:00"	8.11	222.4	9.65	11.14	6.516	222.8	12.98	10.54	54.07	54.76	-0.687	17.53	20.49	26.297	384.45	0
"2011-02-26	11:00:00"	9.05	223	16.93	15.91	7.39	223.6	19.5	12.33	61.63	63.04	-1.409	14.2	15.56	26.298	566.79	0
"2011-02-26	12:00:00"	10.15	221.3	17.1	21.87	8.26	222	19.96	18.89	67.08	68.96	-1.884	11.32	12.13	26.292	708.84	0
"2011-02-26	13:00:00"	15.05	234.4	17.89	24.26	12.29	237.3	20.44	21.87	69.82	71.61	-1.793	10.07	10.22	26.263	789.74	0
"2011-02-26	14:00:00"	15.56	240.5	17.77	24.86	12.52	242.3	19.7	20.68	71.95	73.84	-1.888	8.19	8.04	26.233	798.58	0
"2011-02-26	15:00:00"	18.49	242.8	14.76	30.22	15.01	245.9	17.12	27.24	73.98	75.63	-1.65	7.861	7.393	26.194	685.28	0
"2011-02-26	16:00:00"	20.13	239.9	13.13	33.8	16.16	243.1	15.84	29.63	75.45	76.86	-1.411	6.85	6.314	26.161	623.52	0
"2011-02-26	17:00:00"	18.86	248.5	10.32	30.22	15.47	252.2	12.49	26.05	75.37	76.29	-0.918	6.991	6.472	26.149	398.97	0
"2011-02-26	18:00:00"	15.64	242.7	11.2	25.45	12.68	246.4	13.49	20.09	75.03	75.21	-0.179	7.449	7.2	26.146	206.86	0
"2011-02-26	19:00:00"	9.81	247.5	7.88	18.3	7.45	251.7	10.87	14.72	71.93	70.92	1.003	8.04	8.6	26.146	18.741	0
"2011-02-26	20:00:00"	1.313	258.4	12.12	6.368	2.256	262.7	20.75	4.578	69.21	67	2.214	8.53	9.87	26.151	0.00527	0
"2011-02-26	21:00:00"	1.116	283.1	30.1	5.771	1.917	279.9	50.98	5.175	66.57	64.07	2.497	8.97	11.16	26.159	0	0
"2011-02-26	22:00:00"	1.35	28.94	75.42	7.561	2.79	55.76	65.3	5.771	65.01	61	4.013	8.78	12.16	26.164	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-26	23:00:00"	4.784	91.7	28.29	11.74	4.544	88.1	19.62	7.561	63.47	54.51	8.95	9	15.43	26.16	0	0
"2011-02-27	00:00:00"	8.05	116.7	13.06	13.52	4.282	83.8	18.06	8.16	61.7	54.93	6.772	23.56	24.43	26.154	0	0
"2011-02-27	01:00:00"	5.838	144.1	14.87	9.95	3.337	114.2	36.55	6.368	60.89	57.07	3.814	48.32	49.3	26.135	0	0
"2011-02-27	02:00:00"	7.716	156	6.081	9.95	4.68	144.9	11.42	6.964	58.7	57.15	1.546	61.36	63.1	26.114	0	0
"2011-02-27	03:00:00"	4.484	146	43.98	9.95	3.183	119.3	66.68	5.771	57.09	55.26	1.83	69.31	71.79	26.093	0	0
"2011-02-27	04:00:00"	5	234.2	29.48	13.52	3.383	250.6	32.91	10.54	56.25	54.85	1.393	73.08	76.11	26.081	0	0
"2011-02-27	05:00:00"	5.302	265	36.79	11.74	3.145	283.1	46.04	9.35	53.24	51.56	1.678	69.67	72.66	26.08	0	0
"2011-02-27	06:00:00"	5.498	203.2	11.38	8.16	3.417	205.9	16.95	5.771	52.18	50.82	1.365	75.8	78.07	26.077	0	0
"2011-02-27	07:00:00"	6.826	196.8	12.17	9.95	4.54	196.1	17.34	7.561	49.27	48.46	0.817	83.9	86.5	26.082	0	0
"2011-02-27	08:00:00"	7.004	177.7	12.46	9.95	5.004	173.3	15.18	8.16	47.15	46.95	0.201	82.8	85.7	26.086	12.803	0
"2011-02-27	09:00:00"	3.792	198.4	25.12	9.35	2.72	200.6	27.54	7.561	47.44	47.32	0.112	67.38	71.32	26.1	155.52	0
"2011-02-27	10:00:00"	9.76	179.4	9.27	19.49	7.324	174.6	12.18	15.91	56.14	56.91	-0.771	38.46	40.77	26.096	402.87	0
"2011-02-27	11:00:00"	17.5	196	9.28	30.22	13.28	194.4	12.77	24.26	65.9	66.93	-1.03	12.39	12.99	26.079	586.83	0
"2011-02-27	12:00:00"	24.46	212.6	14.33	42.75	18.42	212.3	18.45	35.59	69.92	71.08	-1.162	8.83	8.82	26.063	720.65	0
"2011-02-27	13:00:00"	30.53	241.3	12.67	49.91	24.7	244.4	15.11	42.15	72.88	73.94	-1.061	5.591	5.271	26.039	767.9	0
"2011-02-27	14:00:00"	31.05	249.7	12.79	49.31	25.11	252.6	14.37	40.96	73.68	74.82	-1.149	4.073	3.668	26.015	782.32	0
"2011-02-27	15:00:00"	29.31	263.8	9.9	45.73	22.82	265.7	11.78	36.78	72.02	73.49	-1.47	4.885	4.499	26.015	679.35	0
"2011-02-27	16:00:00"	31.62	276.7	15.31	45.13	22.26	277.3	16.12	39.77	67.89	69.14	-1.254	14.91	14.48	26.03	478.82	0
"2011-02-27	17:00:00"	31.9	283.3	9.41	47.52	21.64	284.2	11.7	37.38	62.85	63.88	-1.037	22.92	22.89	26.064	333.24	0
"2011-02-27	18:00:00"	32.92	288.4	9.43	49.31	20.67	288.4	11.86	36.19	59	59.5	-0.501	24.69	25.42	26.108	175.23	0
"2011-02-27	19:00:00"	32.35	287.8	8.51	46.92	20.14	288.5	11.23	37.98	54.87	54.79	0.085	26.58	28.21	26.153	32.361	0
"2011-02-27	20:00:00"	26.66	282.5	7.969	49.31	18.05	283.9	11.09	41.56	51.18	50.88	0.307	27.43	29.66	26.198	0.0507	0
"2011-02-27	21:00:00"	23.6	277.9	8.26	36.78	16.98	279	10.94	28.43	49.08	48.74	0.336	27.24	29.72	26.232	0	0
"2011-02-27	22:00:00"	20.11	277.2	9.44	33.21	14.26	278.3	11.81	26.65	48.65	48.21	0.439	24.11	26.67	26.275	0	0
"2011-02-27	23:00:00"	19.29	291.7	9.42	30.82	11.5	291.1	12.29	22.47	47.62	47.11	0.518	19.63	22.29	26.314	0	0
"2011-02-28	00:00:00"	22	295.6	7.699	34.4	12.2	295.6	10.67	22.47	45.99	45.47	0.524	17.69	20.44	26.333	0	0
"2011-02-28	01:00:00"	16.05	290.1	10.46	32.61	12.23	290.6	12.71	22.47	44.76	44.21	0.546	18.41	21.29	26.354	0	0
"2011-02-28	02:00:00"	16.85	275	7.258	25.45	12.33	275.8	10.05	20.09	43.39	42.75	0.642	19.66	22.78	26.377	0	0
"2011-02-28	03:00:00"	14.5	284.9	11.29	21.87	9.42	285.3	12.97	17.7	41.3	40.63	0.671	20.85	24.2	26.393	0	0
"2011-02-28	04:00:00"	16.48	305.4	7.458	24.26	8.78	303.7	10.72	15.31	38.98	38.49	0.491	23.15	26.59	26.398	0	0
"2011-02-28	05:00:00"	17.01	313.8	7.093	27.84	10.29	312.9	10.26	19.49	38.02	37.52	0.499	24.17	27.72	26.426	0	0
"2011-02-28	06:00:00"	14.14	331.8	11.99	20.09	9.92	329.7	12.85	17.1	38	37.29	0.716	26.59	30.33	26.463	0	0
"2011-02-28	07:00:00"	14.54	351	13.12	20.68	10.69	346.3	13.64	17.7	40.15	39.46	0.692	28.24	31.86	26.511	0	0
"2011-02-28	08:00:00"	13.77	8.53	10.05	21.28	10.44	2.995	14.34	16.51	36.91	36.53	0.381	38.27	42.23	26.551	27.3	0
"2011-02-28	09:00:00"	17.83	9.34	9.83	25.45	13.62	4.247	15.88	21.87	38.47	38.95	-0.475	45.89	48.96	26.588	199.35	0
"2011-02-28	10:00:00"	16.69	20.86	8.37	24.26	13.11	18.52	14.85	19.49	42.29	43.56	-1.264	40.82	42.92	26.63	391.67	0
"2011-02-28	11:00:00"	15.74	37.12	12.61	21.87	12.55	35.8	15.32	20.09	46.56	48.43	-1.867	34.57	35.81	26.65	572.11	0
"2011-02-28	12:00:00"	11.72	57.43	16.81	19.49	9.49	56.13	19.1	15.91	50.27	52.51	-2.245	30.36	30.88	26.666	709.72	0
"2011-02-28	13:00:00"	8.24	73.26	24.19	15.91	6.802	71.2	27.17	13.52	52.85	55.05	-2.203	27.13	27.81	26.672	785.24	0
"2011-02-28	14:00:00"	6.393	82.7	33.74	13.52	5.354	83.4	36.77	14.12	55.32	57.22	-1.893	24.62	25.05	26.657	790.49	0
"2011-02-28	15:00:00"	5.371	100.1	58.34	11.74	4.651	98.7	60.52	9.95	57.63	59.46	-1.823	22.2	22.42	26.625	712.03	0
"2011-02-28	16:00:00"	5.856	132.7	47.13	12.93	4.981	129.1	51.81	11.14	59.85	61.45	-1.603	20.01	20.31	26.612	598.53	0
"2011-02-28	17:00:00"	6.314	160.4	45.04	13.52	5.219	156.7	47.15	12.93	60.76	62.31	-1.551	18.69	18.89	26.611	426.85	0
"2011-02-28	18:00:00"	5.966	137	30.2	11.74	4.945	135.3	33.59	11.14	61.09	62.02	-0.927	17.7	18.47	26.617	234.22	0
"2011-02-28	19:00:00"	6.65	123.1	13.61	10.54	4.448	118.9	19.03	6.964	59.57	58.66	0.91	18.03	20.37	26.624	49.324	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-02-28	20:00:00"	8.77	129.9	6.096	11.14	4.563	118.4	9.53	6.368	56.01	52.2	3.814	19.72	24.34	26.627	0.06074	0
"2011-02-28	21:00:00"	8.93	157.2	13.63	11.14	5.145	148.9	17.8	7.561	52.27	50.39	1.881	22.36	26.44	26.644	0	0
"2011-02-28	22:00:00"	8.51	162.1	6.92	11.14	5	156.3	10.69	7.561	49.63	48.49	1.137	24.31	28.19	26.657	0	0
"2011-02-28	23:00:00"	7.988	165.4	9.71	10.54	4.632	163.2	16.96	6.964	48.16	46.56	1.602	25.3	29.69	26.667	0	0
"2011-03-01	00:00:00"	6.759	160.3	9.94	11.14	3.81	162.3	23.05	6.964	47.34	45.31	2.032	26.46	31.06	26.655	0	0
"2011-03-01	01:00:00"	3.566	183.9	17.15	9.35	2.52	201.2	31.08	5.175	46.14	44.35	1.784	27.44	32.04	26.642	0	0
"2011-03-01	02:00:00"	3.144	184.4	14.56	6.368	2.368	192.3	31.3	3.982	45.51	43.72	1.799	28.24	32.41	26.637	0	0
"2011-03-01	03:00:00"	4.717	185.6	10.6	7.561	2.741	189.1	23.75	4.578	43.4	41.5	1.903	31.58	36.62	26.624	0	0
"2011-03-01	04:00:00"	4.457	208.8	9.59	6.368	2.734	234.7	10.48	3.982	42.66	40.82	1.847	34.35	38.58	26.612	0	0
"2011-03-01	05:00:00"	5.304	221.5	7.623	7.561	3.64	237.8	8.78	5.175	42.84	40.8	2.048	36.07	41.23	26.603	0	0
"2011-03-01	06:00:00"	4.839	202.4	13.5	6.368	2.824	206.2	22.35	3.982	42.54	40.72	1.819	37.77	43.03	26.605	0	0
"2011-03-01	07:00:00"	5.008	191.1	6.827	6.368	2.878	193.4	11.09	3.982	41.63	39.52	2.106	40.22	46.59	26.617	0.0001	0
"2011-03-01	08:00:00"	5.456	184.4	6.557	8.16	3.296	184.6	11.65	4.578	41.13	39.13	1.996	41.32	48.45	26.618	31.766	0
"2011-03-01	09:00:00"	7.311	191	9.93	14.72	5.422	190.4	12.7	12.33	43.7	43.51	0.185	38.83	43.2	26.636	201.2	0
"2011-03-01	10:00:00"	15.7	187.1	8.11	23.07	11.97	183.6	11.44	18.3	50.97	51.71	-0.739	34.9	36.75	26.642	392.52	0
"2011-03-01	11:00:00"	17.17	188.2	9.27	23.66	13.03	185.7	12.76	18.3	56.32	57.72	-1.394	29.24	30.14	26.631	571.58	0
"2011-03-01	12:00:00"	18.07	187.9	10.11	26.05	13.9	185.8	13.5	20.68	59.95	61.78	-1.821	23.61	23.93	26.616	696.99	0
"2011-03-01	13:00:00"	15.46	187	12.21	24.26	12.03	184.7	15.1	20.09	62.87	65.19	-2.314	19.79	19.7	26.587	794.84	0
"2011-03-01	14:00:00"	13.81	192.2	17.59	21.87	10.83	190.2	20.74	18.89	65.68	68.11	-2.428	15.68	15.49	26.545	799.43	0
"2011-03-01	15:00:00"	12.83	206.5	16.52	23.07	10.13	207.3	20.58	18.3	67.95	70.19	-2.239	14.45	14.13	26.512	695.29	0
"2011-03-01	16:00:00"	13.94	200.2	16.56	23.66	10.98	198.9	20.94	20.09	69.06	71	-1.936	14.36	14.24	26.491	607.06	0
"2011-03-01	17:00:00"	13.39	200.8	15.4	21.87	10.34	200.2	19.06	17.7	70.17	71.59	-1.416	13.45	13.44	26.48	424.37	0
"2011-03-01	18:00:00"	12.37	193.5	10.09	20.68	9.53	190.5	12.95	17.1	70.08	70.24	-0.159	13.83	14.27	26.476	166.82	0
"2011-03-01	19:00:00"	7.308	175	21.44	12.33	4.954	165.5	33.72	10.54	67.66	66.3	1.363	14.98	16.9	26.478	25.459	0
"2011-03-01	20:00:00"	7.491	146.7	10.35	9.95	4.366	130.7	19.58	6.368	64.23	61.77	2.459	17.55	20.6	26.487	0.07615	0
"2011-03-01	21:00:00"	10.77	145.1	8.23	14.12	7.261	140.7	12.21	12.33	61.65	60.85	0.797	19.92	22.15	26.497	0	0
"2011-03-01	22:00:00"	11.4	147.4	6.746	15.31	8.18	144.6	8.67	11.74	59.43	59.4	0.031	23.66	25.53	26.501	0	0
"2011-03-01	23:00:00"	11.89	146.3	6.698	15.91	8.84	143.7	8.61	13.52	57.53	57.66	-0.132	26.72	28.52	26.494	0	0
"2011-03-02	00:00:00"	9.48	168.1	10.52	14.72	6.833	167.3	11.75	11.14	54.71	54.4	0.304	29.53	31.82	26.485	0	0
"2011-03-02	01:00:00"	7.466	198.5	8.12	10.54	5.122	202.8	10.95	8.16	51.88	50.77	1.111	32.19	35.38	26.479	0	0
"2011-03-02	02:00:00"	7.543	203.2	9.73	9.95	4.901	209	12.53	6.964	49.9	48.23	1.672	34.53	38.82	26.468	0	0
"2011-03-02	03:00:00"	6.591	229.1	10.62	8.75	4.526	238.2	11.73	6.964	49.68	47.19	2.49	34.99	40.82	26.464	0	0
"2011-03-02	04:00:00"	6.201	235.6	16.44	8.75	4.281	248.6	17.56	6.368	49	45.96	3.044	35.78	42.41	26.453	0	0
"2011-03-02	05:00:00"	6.319	219.4	6.816	9.35	4.228	230.4	11.85	6.368	48.31	45.76	2.556	36.56	43.2	26.446	0	0
"2011-03-02	06:00:00"	7.726	233.4	8.82	11.14	5.51	237.9	10.32	8.16	46.88	44.15	2.729	38.12	45.92	26.446	0	0
"2011-03-02	07:00:00"	5.968	258.5	8.63	8.16	3.681	271	16.45	5.771	45.2	42.09	3.107	39.88	48.04	26.457	0	0
"2011-03-02	08:00:00"	7.451	239.2	12.53	11.14	5.234	241.8	13.94	8.16	44.37	41.69	2.679	41.07	50	26.47	33.164	0
"2011-03-02	09:00:00"	5.5	259.6	16.84	9.95	4.255	264.1	15.45	8.16	45.81	45.96	-0.148	39.39	43.22	26.496	198.82	0
"2011-03-02	10:00:00"	5.997	293.7	15.52	9.95	4.451	290.6	19.1	8.75	56.76	58.02	-1.267	25.93	26.66	26.511	394.74	0
"2011-03-02	11:00:00"	5.704	313.3	46.91	9.95	4.582	309.9	49.79	9.35	65.74	67.47	-1.724	14.97	14.98	26.513	573.47	0
"2011-03-02	12:00:00"	6.467	42.19	26.2	12.33	5.503	41.12	29.47	10.54	69.38	71.27	-1.894	11.95	12.57	26.505	710.63	0
"2011-03-02	13:00:00"	4.306	50.56	53.65	10.54	4.125	49.04	60.05	8.75	72.19	73.89	-1.697	9.8	9.68	26.487	788.34	0
"2011-03-02	14:00:00"	4.848	33.6	56.4	12.33	4.587	30.79	61.63	11.14	74.01	75.94	-1.932	8.61	8.2	26.458	782.21	0
"2011-03-02	15:00:00"	4.371	70.42	82.7	11.14	4.039	70.76	83.2	10.54	75.67	77.33	-1.661	8.18	7.55	26.431	702.33	0
"2011-03-02	16:00:00"	5.298	236.4	46.96	12.33	4.568	234.8	53.83	11.74	77.44	78.94	-1.496	7.646	6.756	26.412	599.04	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-02	17:00:00"	3.543	328.5	73.78	9.35	3.027	329.5	77.52	7.561	78.02	79.26	-1.245	7.216	6.324	26.399	432.56	0	
"2011-03-02	18:00:00"	5.397	204.4	38.42	17.1	4.518	206.3	49.02	14.12	78.6	79.04	-0.433	7.765	7.466	26.383	240.07	0	
"2011-03-02	19:00:00"	6.24	238.7	27.07	14.12	4.934	238.5	30.04	11.74	77.68	76.43	1.25	8.69	9.63	26.38	54.894	0	
"2011-03-02	20:00:00"	1.79	178.9	19.94	5.771	1.501	116.9	56.9	3.386	74.8	71.05	3.746	9.09	11.15	26.385	0.10688	0	
"2011-03-02	21:00:00"	1.658	173.9	14.99	5.771	1.429	95.6	64.31	3.982	70.87	67.41	3.461	10.33	12.37	26.397	0	0	
"2011-03-02	22:00:00"	5.057	231.2	26.83	9.35	3.091	226.6	32.64	5.771	67.26	64.17	3.087	12.05	15.46	26.408	0	0	
"2011-03-02	23:00:00"	5.51	205	32.21	11.74	3.461	180.4	21.61	8.75	63.29	58.89	4.398	13.87	19.66	26.41	0	0	
"2011-03-03	00:00:00"	10.81	169.8	8.58	17.7	7.158	168.1	10.68	12.93	57.8	56.17	1.623	21.08	24.25	26.406	0	0	
"2011-03-03	01:00:00"	9.77	185.3	8.42	15.91	6.897	183.9	12.06	12.93	56.06	54.75	1.303	29.46	32.21	26.401	0	0	
"2011-03-03	02:00:00"	7.693	202.9	7.708	11.14	4.982	208.2	9.95	8.16	53.19	51.65	1.535	35.16	38.35	26.394	0	0	
"2011-03-03	03:00:00"	8.27	215.4	6.274	11.14	5.529	220.4	9.52	8.16	52.07	50.18	1.885	38.08	43.17	26.385	0	0	
"2011-03-03	04:00:00"	8.54	215.2	6.921	12.93	5.913	220.3	11.05	8.75	49.94	48.53	1.406	41.59	46.49	26.369	0	0	
"2011-03-03	05:00:00"	8.05	225.5	6.978	9.95	5.721	235.8	10.01	7.561	49.24	47.3	1.947	44.28	50.64	26.365	0	0	
"2011-03-03	06:00:00"	8.13	229.7	5.564	10.54	5.69	236.2	7.006	7.561	49.32	47.31	2.012	45.61	52.11	26.371	0	0	
"2011-03-03	07:00:00"	6.185	248.9	8.63	8.16	4.211	251.9	10.74	5.771	48.43	46.06	2.366	46.66	53.37	26.377	0.00192	0	
"2011-03-03	08:00:00"	7.646	260.9	8.28	9.95	5.328	266.6	11.57	7.561	49.87	47.86	2.007	46.01	51.86	26.389	29.812	0	
"2011-03-03	09:00:00"	5.941	257	26.55	8.16	4.681	255.2	25.19	7.561	52.87	52.79	0.072	39.55	43.64	26.405	218.62	0	
"2011-03-03	10:00:00"	4.458	282.6	23.33	7.561	3.504	279.6	23.92	6.964	60.1	60.67	-0.565	22.77	24.16	26.416	194.59	0	
"2011-03-03	11:00:00"	5.273	254.7	24.25	9.95	4.558	253.5	25.84	8.75	65.37	66.77	-1.394	19.85	20.04	26.414	563.76	0	
"2011-03-03	12:00:00"	7.226	286.8	22.97	13.52	5.259	286.1	24.2	11.14	71.5	72.99	-1.487	16.38	15.72	26.404	439.05	0	
"2011-03-03	13:00:00"	5.947	253.5	44.23	14.72	4.904	254.2	43.44	12.93	73.99	75.55	-1.554	16.27	15.36	26.384	643.95	0	
"2011-03-03	14:00:00"	8.97	234.1	23.29	18.3	7.433	236.1	26.12	15.91	74.94	76.99	-2.051	16.36	15.18	26.355	655.96	0	
"2011-03-03	15:00:00"	11.82	242.4	14.29	20.09	9.88	244	16.7	17.7	75.39	77.13	-1.743	16.15	15.16	26.329	494.55	0	
"2011-03-03	16:00:00"	12.61	251	12.5	21.28	10.65	253.3	15	19.49	76.87	78.92	-2.044	15.67	14.36	26.305	573.76	0	
"2011-03-03	17:00:00"	14.42	262.6	14.9	21.28	11.33	264	15.8	20.09	77.82	79.21	-1.392	15.59	14.41	26.288	337.09	0	
"2011-03-03	18:00:00"	12.52	267.5	9.76	18.89	9.5	269.5	11.86	14.12	78	78.29	-0.292	15.32	14.71	26.28	151.04	0	
"2011-03-03	19:00:00"	5.12	286.6	21.58	12.33	3.711	300.7	37.04	9.95	76.59	75.16	1.434	15.37	15.87	26.281	33.007	0	
"2011-03-03	20:00:00"	1	301.5	46.87	1	2.198	350.9	36.51	3.982	75.48	71.63	3.857	16.07	17.84	26.283	0.06474	0	
"2011-03-03	21:00:00"	3.434	177.1	22.7	6.964	2.142	146.1	69.42	4.578	73.54	68.63	4.917	16.82	21.02	26.289	0	0	
"2011-03-03	22:00:00"	5.207	171	7.336	7.561	2.584	170.6	29.25	5.175	70.05	65.61	4.441	18.85	22.71	26.292	0	0	
"2011-03-03	23:00:00"	3.735	206.5	19.85	6.964	2.065	201.5	30.78	5.175	65.66	62.99	2.664	20.94	24.84	26.29	0	0	
"2011-03-04	00:00:00"	5.992	237.2	11.24	8.75	3.727	239.6	13.86	5.771	66.73	63.5	3.227	18.97	23.05	26.284	0	0	
"2011-03-04	01:00:00"	7.526	258.5	14.5	12.93	4.891	259	17.6	8.75	65.71	62.48	3.226	17.7	21.97	26.274	0	0	
"2011-03-04	02:00:00"	8.57	276	10.18	11.74	5.024	276.3	13.11	8.75	63.03	60.05	2.982	18.87	22.37	26.273	0	0	
"2011-03-04	03:00:00"	9.79	252.3	10.97	14.72	6.991	251.8	13.84	12.93	63.38	60.96	2.419	18.43	21.77	26.267	0	0	
"2011-03-04	04:00:00"	7.948	226.8	14.77	11.14	5.074	227	20.96	9.35	60.39	57.5	2.888	19.91	24.19	26.255	0	0	
"2011-03-04	05:00:00"	8.77	260.7	18.28	13.52	5.715	262.6	17.41	9.95	60.66	57.73	2.934	16.94	21.38	26.258	0	0	
"2011-03-04	06:00:00"	10.9	296.5	9.42	19.49	5.366	296.3	11.6	10.54	58.42	56.83	1.584	16.92	19.49	26.277	0	0	
"2011-03-04	07:00:00"	11.25	315.8	7.7	14.72	6.33	315.6	11.11	9.95	54.98	53.68	1.298	20.57	23.18	26.297	0	0	
"2011-03-04	08:00:00"	10.21	328	7.237	12.93	6.057	325.3	10.95	9.95	53.67	52.13	1.539	23.73	26.74	26.317	15.534	0	
"2011-03-04	09:00:00"	14.21	336.3	9.26	23.07	10.42	333.5	11.22	18.89	57.41	57.22	0.192	23.29	24.89	26.341	116.2	0	
"2011-03-04	10:00:00"	18.72	347.3	10.72	30.82	14.25	343.6	12.51	27.24	63.6	64.35	-0.743	20.21	20.58	26.356	319.04	0	
"2011-03-04	11:00:00"	20.35	352.1	12.54	29.63	15.61	347.5	15.63	24.26	67.79	69.39	-1.604	17.03	16.59	26.363	583.87	0	
"2011-03-04	12:00:00"	19.24	358.2	13.65	27.24	14.85	353.9	18.03	24.26	66.93	69.22	-2.292	18.01	17.22	26.364	710.58	0	
"2011-03-04	13:00:00"	14.84	3.845	15.8	24.26	11.87	359.2	19.84	21.28	66.89	69.42	-2.531	19.35	18.44	26.361	769.57	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-04	14:00:00"	12.43	3.423	18.74	23.07	9.99	358.4	21.89	19.49	67.9	70.62	-2.712	19.4	18.25	26.344	797.42	0	
"2011-03-04	15:00:00"	11.04	324.2	39.37	26.05	8.46	322.2	38.46	24.26	69.11	71.71	-2.6	16.69	15.6	26.331	713.62	0	
"2011-03-04	16:00:00"	10	327.3	32.78	20.09	7.508	324.9	34.05	17.7	70.01	72.34	-2.334	15.13	14.2	26.322	601.6	0	
"2011-03-04	17:00:00"	8.32	317.5	36.36	18.3	6.223	315.1	38.02	14.72	70.61	72.23	-1.615	13.78	13.13	26.315	427.49	0	
"2011-03-04	18:00:00"	8.96	340.1	29.62	17.7	6.689	336.7	30.99	15.31	70.33	71.34	-1.008	13.39	13.15	26.321	236.52	0	
"2011-03-04	19:00:00"	9.53	10.09	13.37	17.7	6.654	5.381	16.56	15.91	67.57	66.38	1.193	14.25	15.9	26.336	52.383	0	
"2011-03-04	20:00:00"	9.34	16.36	8.51	12.93	5.018	12.45	10.82	7.561	61.55	55.56	5.992	17.21	22.79	26.36	0.1069	0	
"2011-03-04	21:00:00"	10.37	22.79	12.18	14.72	6.328	20.59	15.71	9.95	56.45	53.5	2.949	23.9	28.06	26.392	0	0	
"2011-03-04	22:00:00"	12.87	13.6	9.07	21.87	9.14	8.31	13.93	17.1	56.82	55.72	1.1	29.73	32.37	26.443	0	0	
"2011-03-04	23:00:00"	20.31	26.11	8.25	35	15.99	24.97	13.21	32.61	57.92	57.62	0.303	35.21	37.14	26.505	0	0	
"2011-03-05	00:00:00"	12.7	39.79	22.48	24.26	9.98	37.47	25.17	18.89	56.05	55.79	0.259	38.99	41.7	26.533	0	0	
"2011-03-05	01:00:00"	22.41	38.55	13.63	42.75	17.55	36.74	15.54	36.19	50.36	50.31	0.048	55.19	57.83	26.564	0	0	
"2011-03-05	02:00:00"	27.71	34.57	7.903	45.73	21.97	33.87	11.23	37.38	42.29	42.52	-0.222	70.47	73.63	26.61	0	0	
"2011-03-05	03:00:00"	18.08	13.6	12.05	29.03	13.98	9.07	17.01	24.26	41.27	41.22	0.048	70.43	74.3	26.647	0	0	
"2011-03-05	04:00:00"	16.03	17.07	7.188	26.65	12.15	13.18	13.64	21.28	40.2	39.97	0.232	71.97	76.35	26.651	0	0	
"2011-03-05	05:00:00"	18.28	5.024	12.86	29.03	13.84	359.2	15.39	24.26	38.96	38.73	0.23	73.28	77.91	26.672	0	0	
"2011-03-05	06:00:00"	14.37	17.45	7.232	23.07	10.88	14.6	13.26	19.49	37.45	37.11	0.338	74.2	79.15	26.675	0	0	
"2011-03-05	07:00:00"	11.34	15.22	8.93	17.7	8.41	10.8	15.4	14.12	36.48	35.94	0.543	74.31	79.9	26.69	0.00595	0	
"2011-03-05	08:00:00"	12.03	10.73	11.28	17.1	9.04	5.683	15.37	13.52	36.03	35.71	0.32	71.15	76.51	26.721	38.435	0	
"2011-03-05	09:00:00"	14.34	18.36	10.08	21.28	11.26	15.06	15.66	18.3	37.42	38.03	-0.611	63.67	67.13	26.749	213.44	0	
"2011-03-05	10:00:00"	14.7	20.65	10.58	21.28	11.69	17.88	16.11	18.3	40.15	41.6	-1.457	53.44	55.39	26.773	410.15	0	
"2011-03-05	11:00:00"	13.93	28.24	12.6	20.68	11.25	26.4	16.41	17.7	43.58	45.74	-2.16	43.34	44.48	26.782	591.23	0	
"2011-03-05	12:00:00"	15.23	41.44	14.07	21.87	12.35	40.21	16.68	19.49	47.53	49.91	-2.386	33.77	34.35	26.773	726.77	0	
"2011-03-05	13:00:00"	14.45	46.28	15.21	22.47	11.81	44.89	17.02	21.28	50.49	53.1	-2.612	27.53	27.78	26.756	803.94	0	
"2011-03-05	14:00:00"	11.76	41.21	18.87	23.66	9.7	39.85	21.56	21.28	52.4	55.12	-2.717	23.22	23.36	26.724	808.47	0	
"2011-03-05	15:00:00"	9.56	45.12	27.44	17.1	7.991	42.83	31.32	15.31	53.62	56.17	-2.549	21.54	21.78	26.689	726.2	0	
"2011-03-05	16:00:00"	6.996	38.78	56.64	16.51	5.889	34.4	59.56	16.51	55.19	57.11	-1.925	19.95	20.32	26.672	617.74	0	
"2011-03-05	17:00:00"	6.901	72.19	50.24	14.72	5.704	74.69	56.26	13.52	55.64	57.13	-1.496	18.61	19.26	26.651	448.14	0	
"2011-03-05	18:00:00"	5.992	81.6	42.62	15.31	5.055	79.54	41.42	11.74	55.52	56.51	-0.987	18.67	19.73	26.633	251.22	0	
"2011-03-05	19:00:00"	7.364	88.8	28.18	10.54	5.268	87.1	28.81	8.75	53.74	53.51	0.224	20.78	23.04	26.631	59.716	0	
"2011-03-05	20:00:00"	8.8	102.3	4.442	10.54	4.292	88.4	10.22	5.771	49.99	45.67	4.32	23.21	29.15	26.629	0.05912	0	
"2011-03-05	21:00:00"	9.29	96.4	2.984	10.54	4.553	77.64	7.824	6.368	47.57	41.52	6.049	24.51	32.09	26.632	0	0	
"2011-03-05	22:00:00"	10.62	107.7	7.751	11.74	5.16	90.7	10.73	7.561	45.17	39.54	5.63	27.22	34.17	26.633	0	0	
"2011-03-05	23:00:00"	10.47	119	5.953	12.93	5.98	107	12.49	9.35	43.12	40.11	3.015	29.42	35.09	26.628	0	0	
"2011-03-06	00:00:00"	10.27	129.7	8.04	14.72	6.433	125.1	10.89	9.95	41.9	40.49	1.412	30.44	34.86	26.613	0	0	
"2011-03-06	01:00:00"	10.36	149.4	8.04	13.52	7.257	147.3	9.77	10.54	41.53	41.61	-0.076	30.7	33.95	26.599	0	0	
"2011-03-06	02:00:00"	6.766	183	17.48	12.33	4.556	186.9	21.68	8.75	39.09	38.26	0.828	32.48	36.6	26.586	0	0	
"2011-03-06	03:00:00"	5.086	205.9	14.04	6.368	3.304	212	17.67	5.175	37.77	36.32	1.442	33	38.1	26.565	0	0	
"2011-03-06	04:00:00"	5.466	207.2	8.32	6.964	3.197	204.1	9.69	4.578	37.7	35.87	1.829	32.72	38.15	26.544	0	0	
"2011-03-06	05:00:00"	6.125	193.6	5.093	8.75	3.828	195.4	8.11	6.964	35.09	33.86	1.234	35.71	41.18	26.528	0	0	
"2011-03-06	06:00:00"	7.337	187.6	7.893	12.93	4.732	189.3	11.4	8.75	34.05	32.94	1.108	37.48	43.16	26.514	0	0	
"2011-03-06	07:00:00"	7.915	181.3	7.2	11.14	5.264	177.6	10.37	8.16	33.3	32.2	1.106	39.38	45.32	26.504	0.02245	0	
"2011-03-06	08:00:00"	9.6	176.3	7.532	17.1	6.679	175.6	9.16	12.33	33.33	32.72	0.607	42.39	47.8	26.496	49.516	0	
"2011-03-06	09:00:00"	13.92	182	7.036	21.87	10.5	178.5	10.24	18.89	40.11	40.34	-0.235	37.23	40.52	26.51	216.08	0	
"2011-03-06	10:00:00"	19.79	184.7	7.82	27.84	14.88	182	10.8	22.47	46.12	47.07	-0.954	32.03	33.79	26.506	415.36	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-06	11:00:00"	17.2	187.5	10.1	23.66	13.22	185.4	13.58	21.28	49.62	51.32	-1.694	28.62	29.47	26.485	581.73	0
"2011-03-06	12:00:00"	15.18	195.2	12.54	23.07	11.77	194	16.36	19.49	53.75	55.96	-2.204	25.25	25.37	26.463	704.85	0
"2011-03-06	13:00:00"	13.36	194.9	15.82	21.28	10.53	193.4	19.41	17.1	57.25	59.72	-2.473	22.77	22.49	26.441	763.47	0
"2011-03-06	14:00:00"	14.99	210.2	15.39	24.86	11.91	210.2	19.28	20.68	60.29	62.78	-2.494	20.84	20.33	26.388	741.2	0
"2011-03-06	15:00:00"	15.67	203.7	14.33	23.07	12.41	202.4	18.46	20.09	61.74	63.76	-2.017	19.67	19.37	26.338	604.71	0
"2011-03-06	16:00:00"	14.96	198.1	12	24.86	11.69	196.4	15.57	20.68	62.75	64.33	-1.578	18.84	18.73	26.308	450.32	0
"2011-03-06	17:00:00"	14.84	201.5	14.03	24.26	11.42	200.1	17.41	19.49	63.95	64.95	-0.992	17.72	17.87	26.278	275.39	0
"2011-03-06	18:00:00"	15.01	197.7	10.55	23.07	11.56	195.6	14.02	19.49	64.88	65.29	-0.408	17.06	17.49	26.257	195.61	0
"2011-03-06	19:00:00"	11.55	192.6	8.19	19.49	8.56	190.7	11.39	14.12	63.81	63.35	0.46	17.64	18.71	26.242	29.651	0
"2011-03-06	20:00:00"	10.2	179.1	7.092	14.12	7.016	173.6	9.97	9.95	60.4	59.46	0.936	19.69	21.44	26.234	0.04436	0
"2011-03-06	21:00:00"	14.29	166.4	7.012	20.68	10.64	163.3	8.61	16.51	58.46	58.41	0.045	23.84	25.11	26.228	0	0
"2011-03-06	22:00:00"	16.39	165.5	7.165	23.66	12.48	162.7	8.51	18.3	56.15	56.24	-0.093	27.14	28.59	26.227	0	0
"2011-03-06	23:00:00"	15.37	177.9	7.826	21.87	11.43	174.9	10.16	17.1	53.87	53.59	0.274	28.96	30.99	26.218	0	0
"2011-03-07	00:00:00"	12.07	192.1	7.998	18.89	9.07	191.5	11.04	15.31	52.07	51.68	0.393	30.85	33.17	26.202	0	0
"2011-03-07	01:00:00"	11.72	194.7	10.04	17.1	8.83	193.7	13.31	14.12	50.95	50.47	0.48	32.46	34.99	26.184	0	0
"2011-03-07	02:00:00"	9.43	197.8	7.482	12.93	6.909	197.3	10.3	9.95	49.04	48.32	0.721	34.57	37.52	26.175	0	0
"2011-03-07	03:00:00"	9.15	203.6	8.23	12.93	6.418	204.5	11.23	9.95	46.87	46.03	0.841	36.81	40.3	26.157	0	0
"2011-03-07	04:00:00"	8.69	209.3	5.945	11.74	6.062	210.3	8.48	8.75	45.25	44.31	0.934	38.46	42.64	26.143	0	0
"2011-03-07	05:00:00"	9.07	211.3	6.242	11.74	6.332	210.9	9.95	9.35	43.87	42.98	0.893	39.94	44.54	26.136	0	0
"2011-03-07	06:00:00"	8.81	222.8	5.855	11.74	6.557	225.8	8.66	9.35	42.66	41.64	1.018	41.58	46.69	26.136	0	0
"2011-03-07	07:00:00"	6.875	221.1	6.193	10.54	4.999	225.3	8.57	7.561	42.43	41.16	1.268	41.92	47.57	26.141	0.01218	0
"2011-03-07	08:00:00"	6.921	236.5	11.23	9.35	5.589	241.2	14.29	8.16	43.04	42.15	0.893	41.34	46.68	26.153	41.536	0
"2011-03-07	09:00:00"	8.17	233.9	6.295	12.33	7.103	236.2	8.48	10.54	44.78	44.86	-0.085	39.31	43.33	26.168	121.68	0
"2011-03-07	10:00:00"	7.941	221	8.91	11.74	6.578	222.3	11.48	10.54	49.52	50.19	-0.665	33.8	36.39	26.181	218.89	0
"2011-03-07	11:00:00"	9.87	241.8	16	21.28	8.32	242.7	18.83	18.89	59.53	61.06	-1.539	24.57	25.38	26.171	526.62	0
"2011-03-07	12:00:00"	13.1	242.2	22.19	24.26	10.62	243.2	24.14	20.68	68.43	69.98	-1.549	19.05	18.98	26.158	523.29	0
"2011-03-07	13:00:00"	20.25	270.7	14.66	38.57	15.46	271.9	15.88	32.01	71.77	73.56	-1.787	18.01	17.25	26.13	587.34	0
"2011-03-07	14:00:00"	21.83	257.6	15.49	36.78	17.22	259.5	16.97	30.22	72.87	75.07	-2.192	16.95	16.2	26.095	765.23	0
"2011-03-07	15:00:00"	18.28	231.3	15.87	32.61	14.88	232.9	18.03	26.05	73.66	75.97	-2.313	15.65	14.88	26.057	735.09	0
"2011-03-07	16:00:00"	19.68	230.7	15.97	34.4	15.85	232.4	18.96	27.84	75.86	77.69	-1.838	13.24	12.47	26.02	597.79	0
"2011-03-07	17:00:00"	26.22	248.4	11.14	40.96	21.23	251	13.51	33.21	77.86	78.46	-0.596	11.04	10.48	25.984	288.27	0
"2011-03-07	18:00:00"	21.08	248	8.57	36.19	17.4	249.9	10.93	30.22	77.78	77.53	0.247	10.79	10.55	25.965	91.096	0
"2011-03-07	19:00:00"	20.6	243.3	8.92	43.35	17.38	245.1	10.96	40.96	77.78	77.19	0.591	10.82	10.71	25.964	32.645	0
"2011-03-07	20:00:00"	27.32	264.2	8.43	42.15	21.2	266.3	10.65	35	76.05	75.34	0.716	11.4	11.29	25.995	0.14079	0
"2011-03-07	21:00:00"	25.22	265	8.01	42.15	19.39	267.1	10.16	34.4	73.92	73.28	0.647	11.6	11.68	26.019	0	0
"2011-03-07	22:00:00"	25.39	273.8	8.23	39.77	18.7	275	10.61	31.42	72.02	71.44	0.582	12.74	13	26.048	0	0
"2011-03-07	23:00:00"	21.17	272.1	7.791	30.82	15.93	273.3	10.55	25.45	69.07	68.41	0.655	14.35	14.96	26.082	0	0
"2011-03-08	00:00:00"	13.52	280.8	6.556	24.86	9.19	282	9.59	19.49	65.14	64.1	1.04	15.67	16.9	26.104	0	0
"2011-03-08	01:00:00"	8.62	293.8	19.8	14.12	4.949	295.4	19.92	10.54	59.93	57.84	2.087	17.45	19.91	26.108	0	0
"2011-03-08	02:00:00"	13.48	15.35	7.672	17.7	10.12	11.49	13.65	14.72	49.65	49.11	0.535	34.57	37.23	26.123	0	0
"2011-03-08	03:00:00"	8.37	13.95	9.14	14.72	5.971	10.07	15.14	12.93	44.05	43.34	0.711	43.5	47.59	26.122	0	0
"2011-03-08	04:00:00"	7.446	13.25	6.978	10.54	4.59	7.476	14.09	7.561	40.42	38.64	1.779	49.5	55.07	26.118	0	0
"2011-03-08	05:00:00"	7.595	356.7	12.73	9.95	4.311	349.6	17.27	6.368	38.58	35.44	3.149	53.03	60.41	26.119	0	0
"2011-03-08	06:00:00"	4.712	350.5	57.21	9.35	2.947	344.7	79.16	5.771	38.31	35.27	3.037	54.73	61.64	26.129	0	0
"2011-03-08	07:00:00"	3.189	244	46.83	9.35	2.238	252.5	80	6.964	38.17	35.24	2.92	53.03	59.24	26.147	0.02264	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-08	08:00:00"	6.7	214.3	16.53	10.54	4.456	209.3	23.2	6.964	37.09	35.29	1.799	51.38	57.69	26.162	42.675	0	
"2011-03-08	09:00:00"	12.34	230.2	9.27	19.49	9.87	231.6	12.29	17.7	48.18	47.71	0.47	34.14	38.38	26.194	202.11	0	
"2011-03-08	10:00:00"	21.14	256.1	13.1	30.82	16.49	258.2	14.82	27.84	58.22	58.56	-0.346	22.11	24.09	26.209	325.61	0	
"2011-03-08	11:00:00"	22.59	280.4	11.54	34.4	15.65	281.2	13.27	26.65	59.78	61.04	-1.269	20.01	20.5	26.224	471.66	0	
"2011-03-08	12:00:00"	22.21	283.2	12.49	36.19	15.1	283.3	14.09	30.22	60.94	62.73	-1.795	18.99	19.01	26.235	594.13	0	
"2011-03-08	13:00:00"	20.43	298	14.48	30.22	12.9	297.4	16.3	26.65	62.91	65.5	-2.596	18	17.35	26.217	809.24	0	
"2011-03-08	14:00:00"	17.77	301.1	16.53	32.01	11.59	300.6	18.25	24.26	64.1	66.81	-2.718	17.95	17.1	26.205	805.55	0	
"2011-03-08	15:00:00"	17.91	294.7	16.17	37.38	11.51	294.3	18	26.65	64.81	67.45	-2.639	17.83	17	26.204	737.4	0	
"2011-03-08	16:00:00"	16.3	280.7	22.01	37.38	11.44	281.3	22.97	25.45	66.11	68.54	-2.433	16.75	16.02	26.203	613.94	0	
"2011-03-08	17:00:00"	19.45	290.4	14.64	36.78	12.44	290.7	16.41	26.05	67.03	68.76	-1.729	13.06	12.69	26.214	434.94	0	
"2011-03-08	18:00:00"	18.49	313.9	10.93	33.21	11.84	313.3	13.02	27.24	66.44	67.26	-0.818	12.22	12.29	26.24	255.75	0	
"2011-03-08	19:00:00"	13.99	326.2	8.19	23.07	9.64	324.9	10.78	18.89	63.92	63.44	0.484	12.37	13.3	26.27	62.473	0	
"2011-03-08	20:00:00"	10.22	344.5	6.523	13.52	5.763	343.4	9.41	8.16	58.24	54.71	3.53	14.31	17.45	26.303	0.19035	0	
"2011-03-08	21:00:00"	11.32	345.3	5.14	16.51	6.765	344.9	9	11.14	55.02	52.03	2.994	16.67	20.03	26.331	0	0	
"2011-03-08	22:00:00"	13.85	338	7.189	19.49	9.75	336.1	9.68	15.31	55.56	54.34	1.219	18.63	20.92	26.358	0	0	
"2011-03-08	23:00:00"	12.55	349.3	11.14	18.3	8.87	346.8	11.84	14.12	51.66	50.56	1.093	22.35	25.02	26.388	0	0	
"2011-03-09	00:00:00"	13.16	16.64	12.18	21.87	9.53	12.69	17.15	18.89	47.85	46.92	0.927	30.32	33.3	26.417	0	0	
"2011-03-09	01:00:00"	13.13	33.31	8.05	18.3	10.17	32.57	10.97	14.72	43.97	43.52	0.445	47.28	51.04	26.442	0	0	
"2011-03-09	02:00:00"	12.45	32.19	7.226	17.1	9.78	31.6	10.21	14.12	40.33	39.95	0.383	57.72	61.99	26.461	0	0	
"2011-03-09	03:00:00"	11.21	25.73	6.897	14.72	8.5	24.85	11.42	12.93	37	36.55	0.449	62.15	67.02	26.481	0	0	
"2011-03-09	04:00:00"	10.8	17.25	6.683	14.72	7.821	14.35	12.93	11.74	33.78	33.23	0.546	64.28	69.73	26.495	0	0	
"2011-03-09	05:00:00"	10.99	10.99	8.17	14.12	7.783	6.821	12.28	11.14	32.28	31.61	0.667	64.53	70.53	26.502	0	0	
"2011-03-09	06:00:00"	9.95	9.41	6.443	13.52	6.64	5.607	12.23	10.54	30.85	29.8	1.048	65.87	72.67	26.526	0	0	
"2011-03-09	07:00:00"	10.53	15.67	4.761	13.52	7.156	12.16	11.69	11.74	29.58	28.64	0.94	67.56	74.21	26.55	0.06208	0	
"2011-03-09	08:00:00"	7.853	7.827	15.71	12.33	5.402	4.313	20.35	10.54	30.32	29.85	0.47	66.77	72.69	26.592	45.59	0	
"2011-03-09	09:00:00"	7.75	13.39	18.62	14.72	6.444	11.88	22.26	12.93	36.17	37.05	-0.878	56.36	59.21	26.639	224.02	0	
"2011-03-09	10:00:00"	9.35	45.41	14.39	14.12	7.924	44.33	18	13.52	41.52	43.03	-1.508	46.71	48.2	26.666	419.56	0	
"2011-03-09	11:00:00"	3.55	358.1	56.28	11.74	3.503	359.9	65.38	10.54	46.52	47.89	-1.369	39.96	40.99	26.675	594.88	0	
"2011-03-09	12:00:00"	6.675	318.2	34.62	14.12	5.611	314.5	38.37	13.52	51.19	53.32	-2.135	33.31	33.24	26.676	734.4	0	
"2011-03-09	13:00:00"	7.459	327.3	34.4	16.51	6.072	324.6	35.51	13.52	54.3	56.73	-2.427	28.45	28.04	26.663	811.71	0	
"2011-03-09	14:00:00"	7.654	3.679	44.5	19.49	6.453	0.607	49.32	17.1	58.47	60.82	-2.347	23.39	22.97	26.643	812.99	0	
"2011-03-09	15:00:00"	9.28	350.1	27.29	20.09	7.432	347.2	29.32	18.89	61.98	64.64	-2.661	18.36	17.7	26.623	738.24	0	
"2011-03-09	16:00:00"	10.93	321.7	27.45	21.87	7.763	319.3	27.96	17.7	64.43	66.68	-2.253	14.29	13.84	26.619	627.95	0	
"2011-03-09	17:00:00"	10.46	352.5	21.62	20.09	8.06	348.8	23.75	16.51	65.16	67.08	-1.923	13.22	12.9	26.619	454.18	0	
"2011-03-09	18:00:00"	8.77	11.13	26.19	15.31	6.957	7.521	29.62	14.12	64.76	65.85	-1.09	14.07	14.14	26.626	258.68	0	
"2011-03-09	19:00:00"	8.8	57.17	7.458	13.52	6.414	55.35	8.79	11.74	61.61	61	0.606	19.19	20.63	26.65	67.185	0	
"2011-03-09	20:00:00"	8.79	75.62	10.05	11.14	4.455	70.61	9.99	7.561	55.71	51.54	4.171	22.61	27.16	26.668	0.24141	0	
"2011-03-09	21:00:00"	10.29	94.4	5.391	12.33	6.212	89.5	7.482	8.75	50.93	49.24	1.69	28.01	31.42	26.689	0	0	
"2011-03-09	22:00:00"	10.43	99.4	4.188	12.93	5.939	89.4	7.382	8.16	48.39	46.04	2.348	29.35	33.89	26.702	0	0	
"2011-03-09	23:00:00"	10.82	99.3	3.089	11.74	5.29	79.18	6.994	6.368	48.31	42.68	5.629	28.16	36.29	26.712	0	0	
"2011-03-10	00:00:00"	10.38	105.6	3.079	11.74	5.015	84.7	7.566	6.964	47.02	41.21	5.812	28.63	36.93	26.719	0	0	
"2011-03-10	01:00:00"	9.73	109.7	6.212	11.74	5.686	98.7	7.984	8.16	45.83	43.33	2.496	29.07	34.17	26.724	0	0	
"2011-03-10	02:00:00"	10.28	110.1	8.52	13.52	6.608	102.4	10.88	9.95	45.46	43.84	1.611	28.34	32.54	26.731	0	0	
"2011-03-10	03:00:00"	6.249	116.3	21.53	10.54	3.828	100	33.04	7.561	42.73	40.93	1.795	30.87	35.38	26.74	0	0	
"2011-03-10	04:00:00"	7.059	94	15.3	9.95	4.519	61.53	12.78	5.771	41.69	37.99	3.703	32.89	39.41	26.738	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2011-03-10	05:00:00"	6.903	107.2	12.35	9.95	4.217	77.64	19.42	6.368	41.28	38.29	2.989	34.67	40.72	26.746		0	0	
"2011-03-10	06:00:00"	10.38	133.5	6.169	14.12	6.698	128.8	8.66	10.54	41.73	40.37	1.357	35.68	40.21	26.749		0	0	
"2011-03-10	07:00:00"	9.34	105.7	14.98	14.72	5.644	93.9	19.86	9.95	38.74	36.87	1.863	38.95	45.21	26.757	0.09821		0	
"2011-03-10	08:00:00"	9.65	105	6.223	11.74	6.253	96.4	10.64	9.35	37.47	36.26	1.214	40.47	46.68	26.759	52.195		0	
"2011-03-10	09:00:00"	11.9	122.2	10.43	17.1	9.27	119.9	13.15	15.31	43.03	43.52	-0.493	35.06	37.68	26.774	232.73		0	
"2011-03-10	10:00:00"	15.68	158	15.54	23.66	12.22	155.5	16.12	19.49	49.64	51	-1.358	30.11	31.44	26.775	426.38		0	
"2011-03-10	11:00:00"	18.75	173.3	9.73	26.05	13.69	168.9	15.37	21.87	54.76	56.67	-1.903	27.4	27.94	26.761	624.58	0.01		
"2011-03-10	12:00:00"	10.95	205.3	47.93	28.43	14.01	173.1	29.62	21.87	60.57	61.03	-0.452	25.13	25.97	26.747	783.04		0	
"2011-03-10	13:00:00"	17.83	183	13.99	27.24	7.732	180.9	27.07	40.36	61.9	64.35	-2.451	22.84	22.45	26.723	860.77	0.15		
"2011-03-10	14:00:00"	16.94	178.5	12.56	25.45	13.08	176	15.16	20.09	64.37	66.92	-2.559	20.04	0.156	26.678	850.91		0	
"2011-03-10	15:00:00"	14.95	200.2	16.37	24.86	11.96	200.7	20.14	21.87	66.16	68.52	-2.364	17.79	0.157	26.643	777.65		0	
"2011-03-10	16:00:00"	13.68	199.7	16.82	29.63	11	199.7	20.81	26.05	68.3	70.35	-2.049	16.16	0.159	26.616	629.07		0	
"2011-03-10	17:00:00"	13.49	199.3	16.24	20.09	10.71	199.9	19.87	17.1	69.81	71.38	-1.57	15.62	0.16	26.593	471.72		0	
"2011-03-10	18:00:00"	13.26	189	10.53	21.28	10.26	187.6	14.14	17.7	69.93	70.62	-0.683	15.45	0.159	26.576	261.55		0	
"2011-03-10	19:00:00"	11.07	174.9	10.59	19.49	8.05	171.8	12.38	15.31	68.24	67.81	0.421	16.26	0.155	26.57	43.836		0	
"2011-03-10	20:00:00"	10.24	157.2	6.142	15.91	6.69	155.6	7.221	10.54	63.55	63.22	0.336	18.24	0.153	26.57	0.18315		0	
"2011-03-10	21:00:00"	11.52	159.9	7.227	17.7	8.03	158.8	7.274	12.93	58.93	58.85	0.082	20.77	0.157	26.571	0		0	
"2011-03-10	22:00:00"	10.87	156.4	6.799	15.31	7.607	155.7	7.255	11.14	55.74	56.02	-0.277	23.76	0.163	26.571	0		0	
"2011-03-10	23:00:00"	10.97	163.6	5.903	15.31	7.607	161.1	7.038	11.14	53.47	53.21	0.265	26.45	0.166	26.567	0		0	
"2011-03-11	00:00:00"	12.35	174.7	7.529	18.3	8.8	172.7	9.73	13.52	54.47	53.57	0.897	28.1	0.165	26.551	0		0	
"2011-03-11	01:00:00"	12.04	184.9	7.691	18.89	8.8	184.6	10.98	14.72	53.06	52.18	0.881	29.63	0.166	26.538	0		0	
"2011-03-11	02:00:00"	9.58	190.5	8.08	14.72	6.832	193.1	11.45	11.74	50.32	49.39	0.932	31.23	0.169	26.529	0		0	
"2011-03-11	03:00:00"	7.98	197.3	8.12	11.74	5.467	203	11.64	8.75	48.69	47.53	1.167	31.52	0.171	26.517	0		0	
"2011-03-11	04:00:00"	7.042	199.7	7.226	9.35	4.493	206	10.66	6.964	46.54	45.15	1.392	32.56	0.174	26.496	0		0	
"2011-03-11	05:00:00"	7	208.8	7.477	9.35	4.677	214.3	10.07	6.368	45.5	44.35	1.153	32.86	0.172	26.479	0		0	
"2011-03-11	06:00:00"	8.12	210.1	6.131	9.95	5.364	214.8	9.11	7.561	45.4	44.03	1.374	32.37	0.172	26.471	0		0	
"2011-03-11	07:00:00"	8.51	213.8	6.011	11.14	5.632	217.3	9.3	7.561	44.34	42.86	1.477	33.04	0.171	26.47	0.12254		0	
"2011-03-11	08:00:00"	8.34	218.6	6.662	11.74	5.898	226.1	8.32	9.35	43.79	42.43	1.363	33.15	0.17	26.475	58.203		0	
"2011-03-11	09:00:00"	9.4	222.2	10.41	16.51	7.445	226.8	13.01	13.52	47.17	47.39	-0.219	30.04	0.172	26.488	240		0	
"2011-03-11	10:00:00"	12.48	215.4	7.604	17.1	9.76	218.7	11.24	15.31	54.29	55.46	-1.164	24.43	0.162	26.493	450.95		0	
"2011-03-11	11:00:00"	11.92	209.8	11.61	15.91	9.39	211.6	15.3	14.72	60.35	62.11	-1.765	20.55	0.154	26.482	614.47		0	
"2011-03-11	12:00:00"	13.17	214.7	11.84	18.89	10.49	217	15.45	17.7	65.57	67.76	-2.191	17.89	0.156	26.465	737.72		0	
"2011-03-11	13:00:00"	14.56	218.8	12.39	24.26	11.8	220.5	15.89	20.68	70.67	73	-2.337	15.43	0.165	26.441	775.71		0	
"2011-03-11	14:00:00"	13.73	218.7	14.81	20.68	11.06	220.5	18.1	17.1	72.71	74.98	-2.276	14.55	0.16	26.411	782.61		0	
"2011-03-11	15:00:00"	11.29	215.6	19.24	21.28	9.18	216.3	23.93	19.49	76.89	79.18	-2.289	12.1	0.157	26.377	777.85		0	
"2011-03-11	16:00:00"	11.3	211.1	19.13	24.26	9.13	212.5	23.32	19.49	79.75	81.7	-1.987	9.77	0.159	26.345	654.76		0	
"2011-03-11	17:00:00"	13.72	234.2	20.85	26.05	11.03	235.5	23.47	23.66	81.2	82.6	-1.415	8.41	0.158	26.328	469.24	0.02		
"2011-03-11	18:00:00"	12.56	225.6	14.43	23.07	10.02	228.4	16.42	18.89	81.5	81.8	-0.37	8.8	0.159	26.321	259.04		0	
"2011-03-11	19:00:00"	9.25	224.2	14.03	17.1	6.842	225.2	16.48	13.52	80	78.82	1.206	9.11	0.16	26.326	67.125		0	
"2011-03-11	20:00:00"	7.585	209.7	9.9	11.74	4.716	208.7	15.15	8.16	75.55	72.84	2.708	9.72	0.159	26.344	0.31719		0	
"2011-03-11	21:00:00"	7.3	186.9	13.74	18.3	4.23	182.3	14.1	15.31	71.06	68.7	2.362	11.78	0.154	26.36	0		0	
"2011-03-11	22:00:00"	9.04	201.2	17.95	17.1	6.469	203.2	20.78	13.52	65.82	64.37	1.45	18.56	0.154	26.382	0		0	
"2011-03-11	23:00:00"	7.709	200.9	7.946	11.14	5.012	208	10.44	8.16	60.94	59.36	1.586	22.9	0.158	26.383	0		0	
"2011-03-12	00:00:00"	9.05	205.5	8.37	12.33	6.121	209.8	11.84	8.75	59.04	57.52	1.52	25.53	0.162	26.378	0		0	
"2011-03-12	01:00:00"	9.59	206.4	8.51	12.33	6.382	209.6	12.82	8.75	57.18	55.64	1.546	26.96	0.163	26.37	0		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-12	02:00:00"	8.56	211.1	11.12	11.74	5.948	217.9	15.54	9.35	54.65	53.17	1.485	29.08	0.167	26.365	0	0
"2011-03-12	03:00:00"	7.541	209.3	5.734	9.95	4.91	216.3	8.12	6.964	53.62	51.57	2.044	30.89	0.169	26.366	0	0
"2011-03-12	04:00:00"	8.66	218.6	9.28	11.74	6.106	226	12.56	9.35	52.45	50.3	2.152	32.8	0.169	26.352	0	0
"2011-03-12	05:00:00"	7.553	219.9	9.03	9.35	5.35	228.2	11.93	6.964	51.71	49.47	2.238	34.16	0.17	26.348	0	0
"2011-03-12	06:00:00"	9.09	224.3	10.15	11.74	6.634	230.2	13.11	9.95	51.11	49.15	1.96	36.62	0.17	26.353	0	0
"2011-03-12	07:00:00"	8.48	224.6	11.69	11.74	6.117	231.6	15.04	8.75	49.07	47.42	1.648	40.19	0.166	26.354	0.18139	0
"2011-03-12	08:00:00"	7.965	238	10.88	11.74	6.029	245.6	14.32	8.75	48.88	46.74	2.137	43.23	0.166	26.371	57.362	0
"2011-03-12	09:00:00"	8.5	245.8	21.26	11.74	6.891	248.7	23	9.95	52.33	52.56	-0.229	40.82	0.169	26.398	260.4	0
"2011-03-12	10:00:00"	8.02	242.7	18.41	11.14	6.697	245.3	20.69	9.95	60.59	62.01	-1.417	28.72	0.19	26.406	425.85	0
"2011-03-12	11:00:00"	9.94	302.8	25.89	16.51	7.18	302.9	26.98	14.12	70.21	72.06	-1.85	14.58	0.17	26.418	575.32	0
"2011-03-12	12:00:00"	8.18	19.51	28.41	14.12	6.845	20.61	33.21	12.33	75.28	77.57	-2.291	11.26	0.146	26.423	746.39	0
"2011-03-12	13:00:00"	6.818	2.787	52.18	12.93	5.645	3.539	55.77	12.33	78.91	81.9	-2.954	8.65	0.136	26.409	840.03	0
"2011-03-12	14:00:00"	8.99	16.06	37.21	17.1	7.305	15.7	41.16	14.72	79.5	82.2	-2.72	9.07	0.136	26.379	630.71	0
"2011-03-12	15:00:00"	9.44	29.43	24.88	17.7	7.801	28.83	29.29	15.31	79.4	82.4	-2.986	10.14	0.136	26.355	738.8	0
"2011-03-12	16:00:00"	9.49	32.26	18.85	18.3	7.753	32.67	23.46	15.31	77.83	79.89	-2.061	12.06	0.143	26.347	384.28	0
"2011-03-12	17:00:00"	4.727	49.39	59.69	11.74	4.769	53.09	62.11	11.14	76.94	78.14	-1.201	11.5	0.157	26.336	390.66	0
"2011-03-12	18:00:00"	8.76	76.8	12.44	12.33	7.036	76.13	14.72	11.14	76.31	76.68	-0.369	12.12	0.16	26.333	193.83	0
"2011-03-12	19:00:00"	7.691	86.2	9.46	11.14	4.836	85.3	11.62	8.16	73.4	72.06	1.344	12.71	0.158	26.342	45.304	0
"2011-03-12	20:00:00"	10.15	124.9	11.6	14.12	6.545	124.3	14.18	10.54	68.46	66.88	1.573	15.28	0.153	26.361	0.1518	0
"2011-03-12	21:00:00"	8.86	141.4	6.058	13.52	5.786	139.6	9.34	9.95	66.16	65.03	1.13	16.97	0.153	26.374	0	0
"2011-03-12	22:00:00"	9.39	148.7	6.097	13.52	6.331	148.6	8.88	9.95	64.18	63.81	0.37	17.97	0.155	26.379	0	0
"2011-03-12	23:00:00"	9.64	150.8	6.71	15.31	6.661	147.7	9.52	9.95	63.02	62.69	0.332	18.68	0.155	26.381	0	0
"2011-03-13	00:00:00"	6.117	124.5	24.79	11.14	4.29	107.6	39.37	7.561	62.08	59.99	2.092	18.29	0.158	26.382	0	0
"2011-03-13	01:00:00"	8.37	94.7	13.1	11.14	5.08	74.61	18.42	7.561	57.33	54.37	2.957	22.05	0.165	26.379	0	0
"2011-03-13	02:00:00"	9.57	99.5	6.41	13.52	5.659	87.1	11.15	8.16	56.23	53.64	2.589	23.9	0.166	26.382	0	0
"2011-03-13	03:00:00"	8.76	92.5	7.463	12.33	5.942	83.2	11.15	8.75	53.56	52.44	1.121	28.95	0.168	26.377	0	0
"2011-03-13	04:00:00"	9.01	68.55	10.2	12.93	6.258	61.04	11.49	9.95	50.48	49.42	1.063	35.59	0.172	26.364	0	0
"2011-03-13	05:00:00"	7.838	49.57	7.677	10.54	5.722	44.95	8.18	8.75	49.16	48.19	0.967	38.77	0.174	26.361	0	0
"2011-03-13	06:00:00"	7.426	61.05	9.84	8.75	4.892	50.08	10.57	6.964	48.64	46.92	1.721	40.35	0.173	26.37	0	0
"2011-03-13	07:00:00"	5.589	42.29	19.6	8.75	4.003	24.89	25.52	6.964	47.91	45.52	2.387	41.86	0.173	26.386	0.05695	0
"2011-03-13	08:00:00"	6.16	331.7	17.34	9.35	4.016	320.7	10.26	6.368	47.44	44.89	2.551	42.64	0.171	26.4	35.996	0
"2011-03-13	09:00:00"	9.04	4.389	21.08	14.12	7.36	3.711	22.04	12.33	49.84	50.54	-0.695	39.98	0.169	26.429	191.47	0
"2011-03-13	10:00:00"	9.12	33.29	10.61	12.33	7.816	34.31	13.84	11.74	53.16	54.73	-1.569	38.5	0.163	26.453	422.93	0
"2011-03-13	11:00:00"	8.24	10.74	19.06	14.72	7.051	8.63	23.51	13.52	59.37	61.43	-2.064	31.64	0.156	26.459	590.2	0
"2011-03-13	12:00:00"	11.61	355	16.29	20.68	9.44	351.6	17.74	17.1	66.1	68.64	-2.543	21.67	0.157	26.452	741.44	0
"2011-03-13	13:00:00"	13.96	346.4	19.36	26.65	10.95	344.4	19.4	20.09	71.46	73.73	-2.272	16.1	0.16	26.432	656.76	0
"2011-03-13	14:00:00"	15.47	316.7	16.21	26.05	10.83	316.5	18.35	24.26	75.27	77.72	-2.451	9.19	0.16	26.414	790.68	0
"2011-03-13	15:00:00"	14.77	297.9	18.85	24.86	10.21	298.1	20.7	19.49	76.96	79.54	-2.579	8.06	0.159	26.391	778.28	0
"2011-03-13	16:00:00"	11.83	281.2	22.21	18.89	8.53	282.7	23.06	16.51	76.5	77.99	-1.489	8.32	0.159	26.389	374.11	0
"2011-03-13	17:00:00"	12.78	300.9	16.81	20.09	8.31	301.6	18.26	15.31	76.6	78.06	-1.46	8.04	0.16	26.394	399.04	0
"2011-03-13	18:00:00"	9.13	296.6	14.15	13.52	5.887	297.1	15.72	10.54	75.87	76.65	-0.78	8.07	0.16	26.406	242.61	0
"2011-03-13	19:00:00"	4.172	258.4	49.52	9.95	2.77	256.6	55.26	8.16	75.19	74.37	0.821	7.893	0.159	26.416	77.358	0
"2011-03-13	20:00:00"	1.91	176.2	7.08	5.771	2.104	168	10.59	3.386	72.68	69.48	3.199	8.59	0.155	26.434	0.49908	0
"2011-03-13	21:00:00"	9.98	106	44.53	24.26	6.665	92.3	31.09	18.89	66.88	63.71	3.173	16.77	0.154	26.465	0	0
"2011-03-13	22:00:00"	12.01	47.84	12.34	17.1	8.76	46.47	13.23	13.52	58.37	57.5	0.876	31.04	0.162	26.509	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-13	23:00:00"	13.25	39.4	8.5	18.89	10.15	39.17	10.28	15.91	55.33	54.71	0.617	37.78	0.166	26.535	0
"2011-03-14	01:00:00"	14.24	54	7.463	21.28	10.9	52.99	8.99	18.3	52.98	52.52	0.455	45.6	0.168	26.551	0
"2011-03-14	02:00:00"	13.68	51.6	8.27	21.28	10.57	50.75	9.82	18.3	50.88	50.5	0.382	52.74	0.171	26.564	0
"2011-03-14	03:00:00"	13.67	43.12	7.797	20.68	10.61	42.54	10.15	18.3	47.65	47.32	0.328	58.91	0.176	26.581	0
"2011-03-14	04:00:00"	14.77	45.82	6.559	19.49	11.52	45.2	8.8	17.7	44.42	44.21	0.212	63.65	0.175	26.585	0
"2011-03-14	05:00:00"	16.6	37.74	8.1	23.66	13.11	38.05	10.26	20.68	41.8	41.65	0.151	64.79	0.168	26.584	0
"2011-03-14	06:00:00"	18.98	33.4	6.101	24.26	14.99	33.68	9.38	21.28	40.17	40.03	0.148	63.73	0.162	26.583	0
"2011-03-14	07:00:00"	17.27	32.19	5.91	22.47	13.7	32.6	9.46	20.09	38.12	37.98	0.143	66.22	0.155	26.598	0
"2011-03-14	08:00:00"	14.5	28.48	7.97	20.68	11.19	28.64	12.07	17.1	36.13	35.99	0.134	68.2	0.147	26.612	0.2672
"2011-03-14	09:00:00"	10.95	19.13	6.726	17.1	8.43	18.22	13.12	14.72	35.19	35.35	-0.155	69.41	0.147	26.634	59.716
"2011-03-14	10:00:00"	13.15	35.03	12.77	18.89	10.46	34.87	16.32	17.1	39.81	40.64	-0.828	55.32	0.162	26.657	253.06
"2011-03-14	11:00:00"	13.05	61.27	15.02	18.3	10.4	61.44	17.74	17.7	45.19	46.43	-1.246	41.37	0.173	26.674	428.75
"2011-03-14	12:00:00"	9.4	74.14	18.06	15.31	7.776	73.36	21.51	13.52	49.37	51.03	-1.659	35.14	0.168	26.689	649.04
"2011-03-14	13:00:00"	8.48	81	22.26	15.91	7.241	82	23.98	12.93	52.74	54.56	-1.815	30.74	0.164	26.677	790.95
"2011-03-14	14:00:00"	8.26	100.7	26.03	16.51	7.032	99.8	30.79	14.12	56.26	58.18	-1.922	25.3	0.158	26.655	866.14
"2011-03-14	15:00:00"	7.482	121	29.37	16.51	6.461	121.8	32	13.52	58.99	60.94	-1.948	21.61	0.156	26.618	867.28
"2011-03-14	16:00:00"	8.58	129	25.37	18.3	7.099	127	30.31	15.31	61.16	63.33	-2.172	20.11	0.153	26.579	769.86
"2011-03-14	17:00:00"	7.706	147.8	22.91	17.1	6.539	146.8	23.96	12.93	62.72	64.9	-2.182	20.39	0.153	26.555	591.23
"2011-03-14	18:00:00"	8.49	147.6	22.6	14.12	6.96	146.6	23.76	12.93	64.03	65.7	-1.668	20.18	0.153	26.536	337.17
"2011-03-14	19:00:00"	10.54	160.5	18.39	18.3	8.4	158.5	18.98	14.72	64.03	65.42	-1.389	20.43	0.153	26.526	238.06
"2011-03-14	20:00:00"	9.14	154.5	12.45	14.72	7.081	152.5	13.19	12.33	63	63.98	-0.976	20.99	0.153	26.528	79.784
"2011-03-14	21:00:00"	9.45	126.5	5.765	12.33	6.124	124.8	8.78	8.75	58.15	57.01	1.136	24.11	0.161	26.527	0.36516
"2011-03-14	22:00:00"	10.8	121.7	6.16	13.52	7.477	120.5	9.57	11.14	55.29	54.3	0.988	25.65	0.165	26.531	0
"2011-03-14	23:00:00"	11.31	121.6	6.541	15.31	7.871	120.8	9.75	11.74	53.28	52.38	0.901	27.18	0.167	26.537	0
"2011-03-15	00:00:00"	11.89	118.9	7.477	17.1	8.77	118.1	10.48	13.52	52.04	51.41	0.631	28.67	0.169	26.532	0
"2011-03-15	01:00:00"	11.04	117.9	7.709	15.91	8.07	116.1	10.62	11.74	49.81	49.2	0.611	31.52	0.171	26.524	0
"2011-03-15	02:00:00"	9.87	120.1	15.23	15.91	6.785	114.7	22.22	11.74	47.93	47.08	0.849	34.24	0.173	26.514	0
"2011-03-15	03:00:00"	9.07	122.6	10.89	13.52	5.856	116.9	16.07	10.54	46.31	45.09	1.212	37.11	0.173	26.507	0
"2011-03-15	04:00:00"	7.99	108.6	8.13	10.54	4.589	92.4	12.97	7.561	44.83	42.85	1.986	39.64	0.17	26.502	0
"2011-03-15	05:00:00"	9.74	126.1	9.45	14.12	6.648	121.2	14.61	11.14	44.88	43.75	1.131	40.91	0.171	26.476	0
"2011-03-15	06:00:00"	9.3	125.7	10.2	12.93	6.618	122.5	12.65	10.54	44.07	43.52	0.552	43.59	0.172	26.459	0
"2011-03-15	07:00:00"	6.018	120.5	8.11	10.54	3.998	112.1	12.33	8.16	42.38	41.62	0.765	46.44	0.166	26.453	0
"2011-03-15	08:00:00"	5.208	109.2	11.26	7.561	3.344	82.2	15.17	5.771	41.54	39.67	1.868	48.51	0.16	26.455	0.28935
"2011-03-15	09:00:00"	3.676	88.4	26.06	7.561	2.875	51.94	21.03	4.578	41.37	39.8	1.562	50.81	0.16	26.465	60.883
"2011-03-15	10:00:00"	5.118	201.4	47.22	15.31	4.079	220.3	58.99	11.74	47.53	47.89	-0.362	54.28	0.172	26.487	242.52
"2011-03-15	11:00:00"	11.56	208.7	13.46	17.1	9.07	210	17.55	14.72	54.47	55.79	-1.315	56.91	0.161	26.491	457.28
"2011-03-15	12:00:00"	11.62	234	15.07	19.49	9.97	237	18	15.91	60.54	62.34	-1.802	46.58	0.152	26.488	650.28
"2011-03-15	13:00:00"	10.81	259.1	18.02	16.51	8.84	262.2	18.82	15.91	68.73	71.15	-2.422	30.79	0.159	26.469	793.8
"2011-03-15	14:00:00"	9.63	276.8	23.08	18.3	7.297	278	25.33	14.72	74.15	76.78	-2.628	19.79	0.16	26.446	873.03
"2011-03-15	15:00:00"	7.184	287.5	49	17.1	5.749	287.5	50.59	13.52	77.65	80.1	-2.422	14	0.158	26.421	872.32
"2011-03-15	16:00:00"	7.748	280.5	45.27	21.87	6.346	283.3	47.2	20.68	78.69	80.9	-2.224	12.32	0.158	26.399	792.14
"2011-03-15	17:00:00"	9.31	280.4	28.78	20.09	7.068	281.2	28.58	18.89	79.32	81.5	-2.209	11.71	0.159	26.388	637.35
"2011-03-15	18:00:00"	8.81	289.5	30.31	16.51	6.514	289.8	31.52	14.12	79.62	81.2	-1.582	11.03	0.159	26.382	422.26
"2011-03-15	19:00:00"	8.75	351.7	44.23	18.89	6.66	352.1	44.12	16.51	78.34	78.94	-0.602	13.7	0.16	26.386	168.14
"2011-03-15	20:00:00"	10.77	62.6	10.29	17.1	8.21	61.98	12	14.12	73.76	73.46	0.305	22.16	0.16	26.397	49.222

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-15	21:00:00"	9.57	76.4	6.549	12.93	6.188	73.84	9.48	9.35	68.01	66.78	1.229	27.58	0.154	26.412	0.27593	0	
"2011-03-15	22:00:00"	10.53	69.09	6.788	13.52	7.401	66.88	9.07	11.14	65.01	64.21	0.807	30.4	0.152	26.431	0	0	
"2011-03-15	23:00:00"	9.74	64.21	9.48	13.52	7.052	63.12	11.23	10.54	62.05	61.53	0.522	32.68	0.155	26.451	0	0	
"2011-03-16	00:00:00"	6.005	65.9	23.29	10.54	4.125	67.64	36.51	8.16	59.21	58.54	0.67	35.28	0.159	26.475	0	0	
"2011-03-16	01:00:00"	8.18	67.08	8.95	10.54	4.738	54.77	8.54	6.964	59.1	55.53	3.569	37.97	0.164	26.476	0	0	
"2011-03-16	02:00:00"	7.069	73.04	18.46	9.95	4.75	61.68	18.47	6.964	57.3	54.21	3.083	43.32	0.165	26.47	0	0	
"2011-03-16	03:00:00"	6.441	73.91	36.21	8.75	4.404	44.59	30.93	6.964	55.78	50.75	5.032	52.45	0.17	26.459	0	0	
"2011-03-16	04:00:00"	6.023	90	15.38	7.561	4.078	62.84	9.43	5.771	55.96	49.74	6.222	62.2	0.171	26.445	0	0	
"2011-03-16	05:00:00"	5.562	119.9	29	8.16	3.24	73.84	34.98	5.771	55.03	49.69	5.343	67.86	0.172	26.432	0	0	
"2011-03-16	06:00:00"	7.75	128.9	12.6	9.35	4.162	111.3	17.7	5.175	53.96	49.99	3.975	74.86	0.172	26.421	0	0	
"2011-03-16	07:00:00"	7.256	91.6	16.91	9.35	4.322	62.65	14.5	5.771	51.59	47.64	3.953	80.4	0.175	26.425	0	0	
"2011-03-16	08:00:00"	5.801	74.63	8.04	7.561	3.563	40.89	13.93	5.175	50.16	46.07	4.095	84.1	0.172	26.432	0.31608	0	
"2011-03-16	09:00:00"	4.155	61.89	28.11	6.368	3.29	39.27	34.63	5.771	48.63	46.56	2.063	83.2	0.174	26.452	20.221	0	
"2011-03-16	10:00:00"	6.407	169	22.87	14.72	4.88	167.2	26.03	11.74	53.09	53.62	-0.535	87.8	0.162	26.47	74.787	0	
"2011-03-16	11:00:00"	13.31	182.4	8.76	18.89	10.07	180.5	12.37	16.51	57.55	58.61	-1.062	83.1	0.156	26.474	307.83	0	
"2011-03-16	12:00:00"	12.93	189.8	14.95	17.7	10.03	188.9	18.43	15.91	63.15	65.03	-1.877	69.88	0.156	26.47	646.36	0	
"2011-03-16	13:00:00"	12.88	204.8	14.23	21.87	10.12	205	18.53	18.3	69.79	71.93	-2.144	49.5	0.16	26.449	789.74	0	
"2011-03-16	14:00:00"	13.23	216.9	13.31	20.09	10.57	219.6	17.2	20.09	75.78	78.15	-2.37	29.43	0.159	26.419	868.13	0	
"2011-03-16	15:00:00"	14.31	219.7	16.06	24.26	11.37	221.5	19.57	21.87	79.52	81.9	-2.351	20.87	0.157	26.386	868.79	0	
"2011-03-16	16:00:00"	17.76	213.2	14.75	32.61	13.45	215	19.03	30.82	82.4	84.5	-2.02	13.32	0.157	26.346	783.69	0	
"2011-03-16	17:00:00"	20.26	215.5	15.58	32.61	15.74	216.8	19.15	29.03	83.5	84.9	-1.399	12.02	0.157	26.321	670.94	0	
"2011-03-16	18:00:00"	22.03	230.2	9.33	34.4	17.75	233.3	12.55	28.43	84.7	85.3	-0.596	8.72	0.157	26.312	492.72	0	
"2011-03-16	19:00:00"	20.82	238.7	13.55	31.42	16.77	242.2	16.34	28.43	84.5	84.6	-0.082	8.21	0.157	26.311	286.5	0	
"2011-03-16	20:00:00"	17.56	247.4	6.833	28.43	14.43	251.7	9.57	24.26	82.8	82	0.759	8.55	0.159	26.32	85.268	0	
"2011-03-16	21:00:00"	10.86	250.4	7.863	16.51	8.25	255.4	10.28	14.12	77.56	75.77	1.788	10.46	0.159	26.337	0.54837	0	
"2011-03-16	22:00:00"	11.85	263.4	6.349	17.1	8.49	268	8.71	14.12	73.11	71.23	1.88	12.07	0.157	26.35	0	0	
"2011-03-16	23:00:00"	5.707	187	28.57	17.7	8.57	183.7	31.42	21.28	70.94	69.95	0.995	30.18	0.156	26.383	0	0	
"2011-03-17	00:00:00"	13.25	176.3	7.363	20.68	9.55	172	10.06	16.51	66.87	66.5	0.369	62.01	0.154	26.401	0	0	
"2011-03-17	01:00:00"	9.21	181	7.822	14.12	6.411	177.9	11.01	11.14	63.07	62.52	0.55	71.38	0.155	26.407	0	0	
"2011-03-17	02:00:00"	7.34	200.4	6.887	9.95	4.834	205.1	10.94	7.561	59.79	58.82	0.974	77.98	0.155	26.398	0	0	
"2011-03-17	03:00:00"	7.79	208.4	7.462	10.54	4.94	212.6	11.81	7.561	57.91	56.74	1.175	81.6	0.156	26.392	0	0	
"2011-03-17	04:00:00"	8.23	210.5	6.54	12.33	4.395	213.5	10.14	8.16	56.12	55.25	0.873	84.3	0.16	26.391	0	0	
"2011-03-17	05:00:00"	7.776	198.1	7.092	10.54	4.6	202.2	10.65	7.561	54.09	53.28	0.818	86.2	0.162	26.386	0.00508	0	
"2011-03-17	06:00:00"	9.33	196.3	6.875	14.12	6.416	197.4	10.07	11.14	53.69	52.9	0.791	84.9	0.163	26.383	0.00594	0	
"2011-03-17	07:00:00"	8.17	208.7	11.61	13.52	5.743	213.7	16.21	10.54	54.37	53.35	1.018	83.8	0.164	26.403	0	0	
"2011-03-17	08:00:00"	7.826	232.2	8.87	11.14	5.536	241.7	11.66	8.75	52.61	51.02	1.591	86.7	0.163	26.423	0.71233	0	
"2011-03-17	09:00:00"	7.568	235.8	10.14	10.54	5.31	241.2	14.02	8.16	52.74	51.51	1.229	86.4	0.164	26.441	81.086	0	
"2011-03-17	10:00:00"	9.26	219.9	8.31	13.52	7.206	222.6	11.73	11.14	54.23	54.64	-0.418	82.3	0.167	26.47	280.99	0	
"2011-03-17	11:00:00"	11.3	213.6	8.57	14.72	8.7	216.4	12.82	12.93	61.44	62.6	-1.159	54.23	0.155	26.487	486.53	0	
"2011-03-17	12:00:00"	9.37	234.7	15.68	14.72	7.781	237.9	18.45	12.93	70.21	71.83	-1.622	29.79	0.16	26.487	676.68	0	
"2011-03-17	13:00:00"	8.95	261.6	21.28	15.91	7.21	262.2	23.25	15.31	77.44	79.55	-2.104	15.88	0.158	26.477	816.75	0	
"2011-03-17	14:00:00"	7.641	231.1	47.29	15.31	6.242	230.7	51.49	13.52	80.3	82.5	-2.194	12.61	0.158	26.456	890.69	0	
"2011-03-17	15:00:00"	8.91	246.2	40.99	27.24	7.315	248.3	45.47	24.26	82.5	84.7	-2.267	9.75	0.158	26.431	893.78	0	
"2011-03-17	16:00:00"	11.76	257.7	34.11	24.86	9.1	258.7	35.77	18.89	84	86.3	-2.342	8.29	0.158	26.403	805.35	0	
"2011-03-17	17:00:00"	12.54	250.5	16.97	24.86	10.27	253.2	20.02	22.47	84.6	86.7	-2.165	7.434	0.158	26.385	689.39	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-17	18:00:00"	11.59	256.9	20.59	22.47	9.18	259.8	21.49	21.28	85.1	86.6	-1.583	7.507	0.157	26.377	500.23
"2011-03-17	19:00:00"	11.52	228.2	19.52	21.87	9.01	230.4	22.54	17.7	85.5	86	-0.481	7.158	0.156	26.371	289.62
"2011-03-17	20:00:00"	14.2	222.2	9.37	23.07	10.68	224.4	12.29	18.3	83.9	83	0.912	7.228	0.158	26.377	83.329
"2011-03-17	21:00:00"	12.22	228	6.29	18.3	9.09	230.6	8.95	14.72	78.87	77.06	1.813	9.14	0.159	26.393	0.56396
"2011-03-17	22:00:00"	8.39	235.2	7.143	12.33	5.878	235.6	9.07	8.75	74.02	71.31	2.717	10.28	0.158	26.413	0
"2011-03-17	23:00:00"	3.528	259.6	9	11.14	5.592	263.4	10.22	9.35	71.65	68.94	2.707	11.62	0.155	26.43	0
"2011-03-18	00:00:00"	10.82	254.5	34.51	26.05	7.481	254.1	36.13	21.28	70.6	68.19	2.417	13.5	0.153	26.436	0
"2011-03-18	01:00:00"	7.588	194.4	13.36	16.51	5.221	199.5	20.47	13.52	65.89	64.4	1.483	36.18	0.153	26.459	0
"2011-03-18	02:00:00"	8.76	184.7	9.49	13.52	5.952	185.3	14.92	9.95	62.68	61.44	1.241	53.82	0.155	26.456	0
"2011-03-18	03:00:00"	7.647	195.4	10.3	12.33	5.241	203.5	14.82	9.35	60.56	59.5	1.063	63.96	0.158	26.458	0
"2011-03-18	04:00:00"	7.513	196.6	11.92	12.33	4.969	203.5	17.82	8.16	60.77	59.4	1.367	66.68	0.16	26.453	0
"2011-03-18	05:00:00"	6.551	199.2	10.35	9.95	4.073	210.4	17.86	6.368	60.01	58.14	1.872	68.94	0.163	26.447	0
"2011-03-18	06:00:00"	6.471	211.4	11.98	8.16	4.174	226.7	15.64	5.771	59.24	56.82	2.427	70.17	0.163	26.449	0
"2011-03-18	07:00:00"	7.462	246.6	7.78	10.54	5.124	258.8	9.73	7.561	59.29	56.28	3.012	68.94	0.163	26.464	0
"2011-03-18	08:00:00"	7.614	240.2	7.889	11.74	5.296	250.7	12.55	8.75	58.34	55.52	2.83	70.18	0.165	26.482	0.67308
"2011-03-18	09:00:00"	6.453	230.9	7.573	8.16	4.428	241.8	13.13	6.368	58.36	56.27	2.09	69.85	0.164	26.491	76.833
"2011-03-18	10:00:00"	7.174	224.9	15.62	12.33	5.203	232.3	17.48	11.14	60.89	61.22	-0.333	64.67	0.155	26.508	267.39
"2011-03-18	11:00:00"	8.32	241.4	11.9	12.33	6.769	245	15.25	10.54	65.72	67.01	-1.294	54.69	0.157	26.527	472.36
"2011-03-18	12:00:00"	7.169	332.9	47.81	16.51	5.884	332.2	48.33	13.52	72.83	74.78	-1.951	36.71	0.161	26.531	658.17
"2011-03-18	13:00:00"	14.09	17.15	16.2	21.28	11.36	15.36	20.7	18.3	75.28	77.85	-2.568	25.22	0.159	26.529	795.8
"2011-03-18	14:00:00"	12.55	40.3	16.9	18.3	10.35	40.38	19.52	16.51	75.19	77.97	-2.781	20.08	0.159	26.531	867.32
"2011-03-18	15:00:00"	12.13	42.91	18.57	20.09	10.03	43.04	21.61	18.3	77.59	80.3	-2.752	17.53	0.159	26.511	867.87
"2011-03-18	16:00:00"	13.64	59.33	17.02	23.07	11.23	58.48	18.11	20.09	79.84	82.3	-2.435	16.04	0.158	26.481	773
"2011-03-18	17:00:00"	14.01	66.14	16.95	22.47	11.41	65.02	17.88	18.89	80.4	82.5	-2.173	16.6	0.158	26.462	644.93
"2011-03-18	18:00:00"	14.41	69.69	14.25	21.87	11.55	69.04	15.62	18.89	80.5	82.1	-1.676	18.01	0.159	26.449	466.33
"2011-03-18	19:00:00"	13.34	78.86	12.35	21.87	10.52	78.17	14.48	18.3	79.85	80.7	-0.888	20.5	0.16	26.432	258.19
"2011-03-18	20:00:00"	12.97	74.69	8.54	21.28	10	73.69	10.73	15.91	78.15	78.1	0.048	25.49	0.16	26.427	68.107
"2011-03-18	21:00:00"	17.74	84.2	7.298	26.65	13.44	83.2	9.55	21.28	73.01	72.74	0.267	30.03	0.159	26.451	0.52913
"2011-03-18	22:00:00"	15.14	72.53	7.832	22.47	11.45	71.68	10.09	17.7	68.73	68.38	0.35	35.23	0.155	26.461	0
"2011-03-18	23:00:00"	14.7	66.38	7.423	22.47	10.99	65.78	9.56	17.1	65.31	64.9	0.417	39.16	0.153	26.474	0
"2011-03-19	00:00:00"	14.31	69.19	8.35	21.28	10.76	68.18	10.31	17.7	61.87	61.48	0.387	43.56	0.155	26.485	0
"2011-03-19	01:00:00"	13.99	77.85	6.726	20.68	10.69	76.44	8.8	17.7	60.41	60.12	0.286	48.15	0.158	26.494	0
"2011-03-19	02:00:00"	12	72.36	7.123	16.51	8.87	70.69	9.51	12.33	58.37	58	0.372	53.8	0.158	26.491	0
"2011-03-19	03:00:00"	13.18	72.36	7.023	19.49	9.83	70.89	9.29	14.72	56.84	56.52	0.32	58.37	0.163	26.483	0
"2011-03-19	04:00:00"	12.52	67.69	6.659	17.1	9.41	65.72	8.95	14.12	54.41	54.16	0.253	65.19	0.165	26.468	0
"2011-03-19	05:00:00"	12.32	68.46	7.054	17.1	9.24	66.7	9.42	13.52	52.59	52.38	0.209	72.07	0.166	26.447	0
"2011-03-19	06:00:00"	12.43	67.3	7.107	17.1	9.4	65.16	9.22	13.52	51.53	51.41	0.119	75.64	0.168	26.433	0
"2011-03-19	07:00:00"	11.55	58.39	9.8	17.1	8.95	56.02	11.27	15.31	50.97	50.87	0.105	78.01	0.169	26.429	0
"2011-03-19	08:00:00"	9.92	55.36	13.43	14.12	7.691	54.17	14.4	12.33	51.18	51.17	0.008	78.5	0.169	26.433	0.41813
"2011-03-19	09:00:00"	9.01	63.27	14.87	12.33	7.069	61.82	16.39	10.54	52.97	53.21	-0.237	77.46	0.164	26.438	20.039
"2011-03-19	10:00:00"	7.177	64.58	13.25	10.54	5.898	63.12	15.45	9.95	56.86	57.31	-0.45	74.84	0.16	26.444	77.479
"2011-03-19	11:00:00"	12.6	152.2	31.77	21.87	9.84	150.6	33.06	17.7	62.85	63.77	-0.926	76.36	0.155	26.451	169.82
"2011-03-19	12:00:00"	11.23	186.3	20.42	18.89	8.79	186.2	22.27	16.51	66.77	67.91	-1.14	68.8	0.159	26.45	324.06
"2011-03-19	13:00:00"	11.7	196.3	16.31	18.3	9.3	195.1	20.3	14.72	68.9	70.29	-1.393	63.04	0.161	26.44	413.51
"2011-03-19	14:00:00"	12.77	191.2	17.01	21.28	10.21	190.4	20.55	18.89	71.57	73.71	-2.145	55.94	0.162	26.416	724.69

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-19	15:00:00"	15.01	178.6	15.54	25.45	12.03	176.8	18.29	21.28	73.84	75.89	-2.048	49.39	0.16	26.378	628.66	0	
"2011-03-19	16:00:00"	15.53	172.6	18.33	26.05	12.54	170.4	20.96	21.87	76.18	78.52	-2.343	42.13	0.158	26.346	702.58	0	
"2011-03-19	17:00:00"	15.03	187.2	16.01	25.45	12.02	186.6	18.87	19.49	78.1	80.1	-2.01	35.73	0.157	26.323	607.01	0	
"2011-03-19	18:00:00"	16.71	193.7	15.42	26.05	13.29	192.5	18.76	22.47	79.85	81.2	-1.361	29.53	0.157	26.306	467.8	0	
"2011-03-19	19:00:00"	16.8	176.4	16.72	26.05	13.15	174.2	18.99	23.07	79.63	80.7	-1.105	32.18	0.158	26.299	277.34	0	
"2011-03-19	20:00:00"	19.12	159.1	8.83	29.03	15.04	156.7	9.78	24.26	76.25	77.09	-0.837	42.57	0.16	26.309	60.943	0	
"2011-03-19	21:00:00"	14.29	154.6	7.256	21.28	11.18	153.1	8.3	17.1	72.39	73.33	-0.931	50.16	0.16	26.328	0.53221	0	
"2011-03-19	22:00:00"	14.84	161.6	6.629	24.26	11.42	160.1	8	18.89	69.66	70.05	-0.395	54.98	0.159	26.35	0	0	
"2011-03-19	23:00:00"	11.09	171.2	10.24	18.3	8.35	169.6	11.97	13.52	67.13	67.14	-0.011	61.39	0.157	26.386	0	0	
"2011-03-20	00:00:00"	10.21	174.9	6.915	14.12	7.389	173.4	9.25	10.54	65.11	64.65	0.461	63.67	0.154	26.397	0	0	
"2011-03-20	01:00:00"	7.528	173.6	6.188	11.14	5.023	172.5	8.2	8.16	63.2	62.45	0.753	66.88	0.154	26.396	0	0	
"2011-03-20	02:00:00"	6.496	165.4	7.865	9.95	4.032	166.5	14.01	6.964	62.39	61.83	0.56	68.72	0.154	26.391	0	0	
"2011-03-20	03:00:00"	5.551	175.8	9.84	8.16	3.123	176.9	12.7	5.771	61.71	60.46	1.253	70.61	0.154	26.393	0	0	
"2011-03-20	04:00:00"	5.544	181.8	7.755	7.561	3.059	186.8	13.28	4.578	61.34	59.84	1.492	72.17	0.154	26.393	0	0	
"2011-03-20	05:00:00"	6.678	170.1	6.555	11.14	3.726	171.8	11.02	6.964	60.06	58.57	1.492	74.99	0.153	26.385	0	0	
"2011-03-20	06:00:00"	6.349	174.3	7.552	9.35	3.618	179.3	12.73	5.771	58.31	57.01	1.302	78.84	0.153	26.387	0	0	
"2011-03-20	07:00:00"	6.955	183.6	7.212	9.95	4.227	184.3	10.36	6.368	57.89	56.42	1.473	81.7	0.153	26.402	0	0	
"2011-03-20	08:00:00"	6.898	184.8	7.367	9.95	3.878	186.3	11.49	6.368	56.72	55.32	1.398	85.4	0.159	26.412	0.96476	0	
"2011-03-20	09:00:00"	6.868	197.8	11.05	11.14	4.375	202.2	14.14	7.561	55.68	54.81	0.876	88.8	0.163	26.429	88.681	0	
"2011-03-20	10:00:00"	9.32	206.8	11.79	14.72	7.304	209.4	15.89	13.52	58.22	58.69	-0.47	84.6	0.161	26.448	285.75	0	
"2011-03-20	11:00:00"	10.19	219.2	8.93	13.52	8.29	222	12.2	12.93	63.15	64.62	-1.471	71.02	0.158	26.455	497.25	0	
"2011-03-20	12:00:00"	9.41	241	18.21	17.1	7.987	244.3	19.94	14.12	69.74	71.63	-1.896	46.08	0.161	26.459	685.16	0	
"2011-03-20	13:00:00"	9.57	265.2	18.71	15.91	7.639	267.1	21.39	14.72	76.7	79.05	-2.351	19.47	0.158	26.449	823.39	0	
"2011-03-20	14:00:00"	9.22	243.6	24.47	19.49	7.86	246.2	27.91	17.1	78.96	81.3	-2.349	11.93	0.156	26.433	899.89	0	
"2011-03-20	15:00:00"	10.08	218.4	30.42	20.68	8.37	218.7	34.85	17.1	80.4	82.8	-2.377	9.06	0.156	26.408	899.64	0	
"2011-03-20	16:00:00"	11.52	222.7	28.59	24.26	9.7	224.6	32.28	21.87	81.7	84.1	-2.35	7.054	0.156	26.382	816.98	0	
"2011-03-20	17:00:00"	15.03	223.5	24.48	26.05	12.34	225.2	27.59	21.87	82.5	84.7	-2.177	6.338	0.157	26.361	670.09	0	
"2011-03-20	18:00:00"	14.38	208.4	16.7	23.66	11.58	209.3	19.91	20.09	82.4	83.8	-1.433	5.432	0.157	26.35	467.28	0	
"2011-03-20	19:00:00"	12.25	209.3	12.56	20.09	9.6	209.5	15.86	16.51	81.4	81.6	-0.203	4.784	0.16	26.346	175.77	0	
"2011-03-20	20:00:00"	8.61	186.2	7.531	15.31	6.185	185	9.87	12.33	79.47	78.63	0.839	5.567	0.159	26.349	67.639	0	
"2011-03-20	21:00:00"	5.002	170.7	7.523	11.74	5.192	167.2	9.11	8.75	75.58	73.82	1.754	6.414	0.159	26.357	0.91473	0	
"2011-03-20	22:00:00"	12.15	163.1	8.15	27.84	9.53	161.5	9.67	23.07	70.69	70.24	0.452	20.19	0.158	26.379	0	0	
"2011-03-20	23:00:00"	17.14	160.8	6.562	24.86	13.2	158.8	7.74	20.09	68.18	68.58	-0.405	50.32	0.155	26.396	0	0	
"2011-03-21	00:00:00"	17.62	165.2	6.618	25.45	13.52	163.2	8.06	19.49	64.83	65.04	-0.218	63.79	0.155	26.403	0	0	
"2011-03-21	01:00:00"	16.15	171.2	7.032	24.26	12.26	168.9	9.29	18.89	63.25	63.22	0.038	70.81	0.155	26.412	0	0	
"2011-03-21	02:00:00"	15.51	171	7.556	23.07	11.75	169	9.28	19.49	62.61	62.6	0.016	76.82	0.154	26.405	0	0	
"2011-03-21	03:00:00"	12.19	170.4	7.195	20.68	9.09	168.5	8.95	16.51	62.31	62.19	0.124	77.63	0.154	26.394	0	0	
"2011-03-21	04:00:00"	12.41	171.4	6.979	17.7	9.17	170.2	9.03	14.12	61.51	61.28	0.226	78.93	0.155	26.381	0	0	
"2011-03-21	05:00:00"	13.32	173.5	6.849	19.49	9.88	171.5	8.96	15.91	61.08	60.8	0.273	79.77	0.154	26.37	0	0	
"2011-03-21	06:00:00"	14.48	175.9	7.102	20.68	10.79	174.1	9.41	16.51	61.01	60.72	0.294	80.6	0.155	26.366	0	0	
"2011-03-21	07:00:00"	15.24	177.3	7.376	21.28	11.53	175.6	9.75	17.1	60.29	60.1	0.191	83.9	0.153	26.368	0	0	
"2011-03-21	08:00:00"	14.68	181	8.16	22.47	11.32	178.9	10.12	18.3	59.52	59.34	0.171	87.9	0.154	26.379	0.63143	0	
"2011-03-21	09:00:00"	16.35	180.8	6.536	22.47	12.73	178.8	9.15	18.89	59.61	59.64	-0.028	89.4	0.159	26.389	81.479	0	
"2011-03-21	10:00:00"	16.9	179.1	7.16	24.26	13.16	177.1	9.38	20.09	61.57	61.94	-0.374	85.5	0.161	26.393	226.19	0	
"2011-03-21	11:00:00"	17.75	183.4	7.991	24.86	13.98	181.7	10.7	21.87	64.64	65.03	-0.394	76.72	0.157	26.409	260.51	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-21	12:00:00"	16	183.6	10.43	22.47	12.69	181.9	13.09	18.89	67.75	68.74	-0.992	67.04	0.161	26.414	421.42	0
"2011-03-21	13:00:00"	15.52	188.1	11.58	24.86	12.47	186.6	14.04	18.89	71.63	72.96	-1.337	55.37	0.163	26.403	551.41	0
"2011-03-21	14:00:00"	15.45	191.2	12.36	24.26	12.33	190.4	15.24	20.09	76.4	78.21	-1.806	39.77	0.158	26.379	683.04	0
"2011-03-21	15:00:00"	17.09	198	14.2	27.24	13.68	197.5	17.44	21.28	78.87	80.8	-1.917	30.94	0.157	26.344	750.04	0
"2011-03-21	16:00:00"	19.09	192.2	12.83	29.03	15.16	191.7	15.94	24.86	80.7	82.5	-1.871	29.51	0.156	26.305	723.07	0
"2011-03-21	17:00:00"	21.37	179.5	17.69	35.59	16.91	177.8	19.62	27.84	82.2	83.9	-1.704	27.87	0.156	26.266	616.16	0
"2011-03-21	18:00:00"	20.93	167.9	9.7	30.82	16.52	165.6	11.04	27.24	81.8	83.2	-1.414	31.19	0.156	26.248	359.14	0
"2011-03-21	19:00:00"	21.3	164.7	7.199	29.63	16.61	162.1	8.72	23.66	78.75	79.47	-0.723	38.06	0.159	26.243	107.23	0
"2011-03-21	20:00:00"	19.42	162.8	7.062	28.43	15.18	160.8	8.31	25.45	72.7	73.34	-0.639	52.22	0.159	26.25	31.091	0
"2011-03-21	21:00:00"	16.07	173.8	9.9	24.86	12.64	172.1	11.54	20.68	67.22	67.39	-0.175	63.88	0.157	26.28	1.1822	0
"2011-03-21	22:00:00"	11.91	167.8	8.02	25.45	11.91	165.8	9.25	20.68	64.86	65.17	-0.312	70.55	0.156	26.287	0	0
"2011-03-21	23:00:00"	16.57	168.7	6.963	25.45	12.72	166.6	8.39	20.68	63.88	64.09	-0.208	75.68	0.153	26.293	0	0
"2011-03-22	00:00:00"	16.62	171.6	6.974	24.26	12.92	169.5	8.54	19.49	63.46	63.51	-0.055	75.98	0.153	26.286	0	0
"2011-03-22	01:00:00"	16.72	175.4	7.707	28.43	13.02	173.3	9.55	22.47	63.76	63.63	0.129	74.81	0.154	26.267	0	0
"2011-03-22	02:00:00"	19.79	175.1	7.038	27.84	15.38	172.9	8.7	24.26	64.79	64.52	0.263	70.61	0.156	26.239	0	0
"2011-03-22	03:00:00"	20.75	185.1	7.655	29.63	16.31	183.8	10.39	24.86	65.68	65.28	0.401	66.43	0.157	26.229	0	0
"2011-03-22	04:00:00"	15.07	197.4	8.9	24.86	11.79	197.3	11.27	20.09	64.92	64.49	0.426	67.63	0.155	26.233	0	0
"2011-03-22	05:00:00"	14.41	194.8	8.41	20.68	11.39	194.8	10.97	17.1	63.18	62.76	0.428	72.21	0.153	26.221	0	0
"2011-03-22	06:00:00"	15.98	184.6	8.13	23.07	12.57	183.3	10.53	20.09	61.9	61.44	0.461	73.99	0.152	26.213	0	0
"2011-03-22	07:00:00"	9.96	198	10.32	14.72	7.576	199.2	12.91	11.74	59.38	58.83	0.552	78.3	0.15	26.215	0	0
"2011-03-22	08:00:00"	8.36	220.6	20.66	12.33	6.196	225.8	25.45	9.95	57.44	56.82	0.618	80.9	0.153	26.224	1.1152	0
"2011-03-22	09:00:00"	10.85	238.4	11.12	24.26	8.92	243	12.33	19.49	56.61	56.14	0.469	81.8	0.157	26.257	90.939	0
"2011-03-22	10:00:00"	11.12	242.3	20.56	21.28	9.19	245.1	21.8	17.7	60.56	61	-0.443	62.85	0.154	26.279	289.99	0
"2011-03-22	11:00:00"	23.84	281.6	8.5	35	16.66	283.1	11.12	29.63	66.86	67.88	-1.023	21.95	0.158	26.284	495.31	0
"2011-03-22	12:00:00"	25.67	264.6	11.08	37.98	20.35	267.6	12.35	30.82	69.2	70.81	-1.604	18.6	0.159	26.278	682.17	0
"2011-03-22	13:00:00"	25.57	265.2	11.74	39.17	20.13	268	12.83	32.61	71.36	73.45	-2.094	15.94	0.159	26.271	814.87	0
"2011-03-22	14:00:00"	26.29	272.2	13.38	46.33	19.84	274.3	14.28	38.57	72.94	75.35	-2.411	13.66	0.159	26.256	884.16	0
"2011-03-22	15:00:00"	21.72	267.5	13.26	37.38	17.05	269.8	14.67	29.03	73.32	76.19	-2.863	14.12	0.159	26.24	864.34	0
"2011-03-22	16:00:00"	19.8	268.7	15.04	36.19	15.47	270.9	17.04	30.82	74.36	77.14	-2.776	13.28	0.159	26.223	804.93	0
"2011-03-22	17:00:00"	20.26	273.4	15.74	31.42	15.24	275.3	16.99	26.05	75.11	77.57	-2.465	12.93	0.159	26.214	672.91	0
"2011-03-22	18:00:00"	19.63	271.2	12.26	33.8	15.21	274.2	13.4	26.65	74.89	76.71	-1.818	12.46	0.159	26.215	493.27	0
"2011-03-22	19:00:00"	19.65	273	11.18	31.42	14.84	275.5	12.59	27.24	74.26	75.23	-0.971	12.69	0.159	26.222	286.11	0
"2011-03-22	20:00:00"	15.91	267.8	8.17	23.66	12.61	270.6	9.63	20.68	72.28	72.15	0.131	15.11	0.159	26.232	85.143	0
"2011-03-22	21:00:00"	8.55	257.6	14.12	13.52	6.342	256.7	18.89	12.33	68.42	67.13	1.286	17.52	0.155	26.248	0.84598	0
"2011-03-22	22:00:00"	10.05	260.5	10.92	19.49	7.116	263.1	10.81	15.31	65.94	63.97	1.97	18.5	0.153	26.264	0	0
"2011-03-22	23:00:00"	12.01	255.1	12.59	21.87	9.2	256.6	15.03	18.3	62.59	61.08	1.518	17	0.155	26.277	0	0
"2011-03-23	00:00:00"	10.71	253.5	9.49	14.72	7.942	256.5	11.47	12.93	58.89	57.03	1.861	19.13	0.159	26.287	0	0
"2011-03-23	01:00:00"	9.36	227.4	20.21	15.31	6.42	222.3	26.15	11.74	57.24	54.92	2.322	20.02	0.161	26.294	0	0
"2011-03-23	02:00:00"	12.25	278.9	26.37	23.07	7.483	280.6	25.79	15.31	59.22	57.32	1.9	17.02	0.16	26.286	0	0
"2011-03-23	03:00:00"	22.04	323.4	13.03	31.42	15.1	323.4	14.36	26.05	58.56	57.92	0.642	16.85	0.159	26.288	0	0
"2011-03-23	04:00:00"	22.66	346.1	10.99	35	17.06	344	13.16	30.22	54.05	53.58	0.467	17.5	0.163	26.305	0	0
"2011-03-23	05:00:00"	24.33	344.2	9.1	35.59	18.16	341.8	11.34	29.63	52.39	51.96	0.436	18.26	0.166	26.306	0	0
"2011-03-23	06:00:00"	21.5	356.4	20.54	37.38	16.33	354.1	23.49	32.61	52.08	51.63	0.453	18.3	0.166	26.324	0	0
"2011-03-23	07:00:00"	5.473	40.62	50.18	14.72	3.966	43.3	60.07	11.74	51.13	50.21	0.92	18.8	0.167	26.372	0	0
"2011-03-23	08:00:00"	7.774	1.473	16.81	15.31	5.443	359.8	21.42	10.54	49.9	48.16	1.736	19.42	0.17	26.39	1.7291	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-23	09:00:00"	5.006	351.2	30.95	15.31	3.257	343.1	47.82	12.33	48.43	47.73	0.7	20.77	0.171	26.408	102.56	0	
"2011-03-23	10:00:00"	10.21	352.8	13.85	21.28	8.08	349.2	15.12	18.3	54.15	55.23	-1.082	17.64	0.162	26.428	304.52	0	
"2011-03-23	11:00:00"	14.86	356.5	14.85	23.66	11.68	353	17.29	21.28	57.84	59.62	-1.783	16.53	0.157	26.438	512.31	0	
"2011-03-23	12:00:00"	11.61	1.5	18.85	19.49	9.29	358.4	22.41	17.1	60.47	62.99	-2.519	15.67	0.154	26.444	697.79	0	
"2011-03-23	13:00:00"	8.64	314.6	33.04	17.1	6.521	314.3	38.81	14.72	63.24	65.64	-2.401	14.53	0.154	26.437	834.54	0	
"2011-03-23	14:00:00"	8.91	293.8	30.84	18.89	6.536	292.6	35.64	17.7	66.08	68.59	-2.509	13.57	0.157	26.427	905.9	0	
"2011-03-23	15:00:00"	9.16	284.2	36.49	21.28	6.917	285.1	39.49	16.51	68.36	70.89	-2.532	12.46	0.159	26.4	887.19	0	
"2011-03-23	16:00:00"	9.6	281.5	29.66	20.09	7.112	281.3	30.1	15.31	70.84	73.4	-2.565	10.59	0.16	26.365	826.21	0	
"2011-03-23	17:00:00"	8.64	283.5	35.24	18.3	6.406	281.8	37.56	18.3	72.11	74.39	-2.279	9.54	0.16	26.343	693.27	0	
"2011-03-23	18:00:00"	7.232	249.6	29.4	17.1	6.016	251.5	32.85	14.12	73.33	74.85	-1.514	8.3	0.16	26.329	511.85	0	
"2011-03-23	19:00:00"	7.543	256.4	23.33	13.52	6.019	258.6	24.08	12.93	73.73	74.73	-0.999	7.139	0.159	26.323	304.18	0	
"2011-03-23	20:00:00"	5.85	260.5	16.3	11.74	4.276	263.7	18.62	9.35	73.24	72.82	0.415	7.502	0.159	26.326	99.081	0	
"2011-03-23	21:00:00"	6.578	183.8	17.56	12.33	4.202	175.3	16.06	8.75	69.44	67.75	1.69	9.97	0.154	26.341	1.015	0	
"2011-03-23	22:00:00"	9.15	169.8	7.292	12.33	5.868	166.4	9.05	8.75	64.66	63.18	1.474	12.1	0.155	26.356	0	0	
"2011-03-23	23:00:00"	10.26	152.8	10.43	13.52	6.694	146.2	10.83	10.54	64.6	63.11	1.49	11.36	0.155	26.361	0	0	
"2011-03-24	00:00:00"	10.49	100.8	11.19	14.72	5.7	78.23	13.64	8.75	57.56	51.99	5.566	13.83	0.166	26.362	0	0	
"2011-03-24	01:00:00"	11.01	124.5	9.32	15.31	6.851	116.5	17.31	10.54	57.62	54.91	2.714	14.88	0.165	26.37	0	0	
"2011-03-24	02:00:00"	10.59	117.4	6.681	13.52	7.021	111.4	9.31	9.95	55.55	54.1	1.452	16.81	0.166	26.368	0	0	
"2011-03-24	03:00:00"	11.33	98	10.62	26.05	7.439	91.5	13.13	18.89	51.32	49.93	1.392	20.34	0.17	26.369	0	0	
"2011-03-24	04:00:00"	12.7	108.8	7.627	18.3	9.17	105.5	9.76	14.12	50.69	49.87	0.82	22.01	0.171	26.358	0	0	
"2011-03-24	05:00:00"	12.89	113	7.691	17.7	9.75	110.8	10.17	14.12	50.99	50.41	0.578	22.99	0.17	26.353	0	0	
"2011-03-24	06:00:00"	14.43	108.8	7.754	24.26	10.99	107.2	10.07	19.49	50.37	49.87	0.504	24.95	0.171	26.339	0	0	
"2011-03-24	07:00:00"	14.67	106.7	7.879	23.07	11.31	104.7	9.93	18.3	49.41	49.07	0.333	26.81	0.172	26.338	0	0	
"2011-03-24	08:00:00"	14.98	99.6	7.604	21.28	11.53	97.4	9.04	17.1	49.91	49.6	0.309	28.41	0.171	26.343	1.5458	0	
"2011-03-24	09:00:00"	15.29	105.9	12.59	23.66	11.91	104.1	14.29	19.49	51.07	51.03	0.049	28.63	0.17	26.347	76.515	0	
"2011-03-24	10:00:00"	18.44	126.4	8.37	26.05	14.25	125.9	10.6	23.66	56.86	57.46	-0.607	32.83	0.16	26.352	249.62	0	
"2011-03-24	11:00:00"	20.24	144.3	10.86	29.63	15.05	144.2	12.99	26.05	62.77	64.14	-1.37	48.36	0.175	26.351	298.75	0	
"2011-03-24	12:00:00"	24.88	160	10.92	37.38	19.02	159.3	12.03	32.01	67.65	69.38	-1.725	54.55	0.176	26.334	629.53	0	
"2011-03-24	13:00:00"	25.22	173.4	10.98	37.38	20.12	171.5	12.33	31.42	70.57	72.56	-1.993	51.66	0.16	26.307	764.48	0	
"2011-03-24	14:00:00"	22.33	184	15.06	37.98	18.01	182.4	17.59	31.42	73.73	76.01	-2.284	43.98	0.16	26.276	835.9	0	
"2011-03-24	15:00:00"	19.74	211.6	19.05	37.98	16.2	213.1	21.8	32.01	77.44	79.75	-2.316	27.87	0.159	26.245	821.22	0	
"2011-03-24	16:00:00"	19.42	226.9	18.06	36.19	16.09	228.8	19.98	32.61	79.86	82.2	-2.312	14.73	0.158	26.213	794.21	0	
"2011-03-24	17:00:00"	20.23	237.3	13.9	35	17.53	240.5	15.42	29.63	81	82.9	-1.965	10.47	0.158	26.192	676.71	0	
"2011-03-24	18:00:00"	22	236.5	13.09	35.59	18.93	238.8	15.15	32.01	82.1	83.4	-1.323	7.893	0.158	26.173	498.36	0	
"2011-03-24	19:00:00"	24.21	244.4	10.8	39.17	20.9	248	12.53	33.8	81.7	82.3	-0.537	5.623	0.159	26.167	278.37	0	
"2011-03-24	20:00:00"	18.57	245.6	9.31	30.22	16	248.5	11.03	26.65	79.28	78.71	0.569	5.424	0.16	26.185	52.68	0	
"2011-03-24	21:00:00"	12.67	270	7.879	20.09	9.4	272	9.63	16.51	74.6	73.17	1.43	5.827	0.158	26.221	1.0673	0	
"2011-03-24	22:00:00"	10.77	296.3	17.16	14.72	5.461	303.8	20.24	11.74	69.75	66.06	3.692	7.085	0.155	26.231	0	0	
"2011-03-24	23:00:00"	10.37	326.4	8.22	14.12	5.63	327.6	11.69	9.95	64.36	60.67	3.687	8.97	0.157	26.243	0	0	
"2011-03-25	00:00:00"	7.952	308.8	21.17	15.91	4.454	307	29.82	10.54	64.1	61.03	3.07	10.2	0.158	26.249	0	0	
"2011-03-25	01:00:00"	9	307.2	13.96	13.52	4.607	308.4	16.7	8.16	64.62	60.63	3.988	10.4	0.158	26.248	0	0	
"2011-03-25	02:00:00"	8.84	205	18.29	14.72	6.425	206.1	18.64	12.33	59.71	57.53	2.184	12.38	0.162	26.268	0	0	
"2011-03-25	03:00:00"	7.271	190.9	11.87	11.74	5.002	195.5	18.59	9.95	56.78	55.37	1.403	56.08	0.164	26.273	0	0	
"2011-03-25	04:00:00"	6.427	189.1	8.4	8.75	4.041	188.9	13.84	6.368	55.32	53.8	1.525	79.81	0.165	26.272	0	0	
"2011-03-25	05:00:00"	6.574	268.1	40.39	12.33	3.275	291	38.04	6.368	55.43	50.67	4.768	81	0.17	26.26	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-25	06:00:00"	5.789	315.1	25.59	9.35	3.799	348.7	35.65	5.771	57.35	48.04	9.31	58.46	0.17	26.245	0	0
"2011-03-25	07:00:00"	6.943	343.2	35.51	12.93	3.801	348.6	54.63	6.964	50.91	45.94	4.968	45.73	0.172	26.247	0	0
"2011-03-25	08:00:00"	12.35	8.74	4.461	14.72	6.197	9.55	10.8	8.75	53.46	45.2	8.26	22.99	0.173	26.254	1.5511	0
"2011-03-25	09:00:00"	7.593	357.8	33.75	13.52	4.24	350.2	41.94	8.16	52.54	49.5	3.037	21.51	0.171	26.272	103.64	0
"2011-03-25	10:00:00"	1.244	218.9	49.02	4.578	2.339	219.1	31.43	3.982	54.36	53.79	0.564	25.72	0.165	26.284	303.69	0
"2011-03-25	11:00:00"	3.512	160.3	56.13	11.74	3.659	164.5	61.16	11.74	65.43	66.24	-0.81	15.72	0.155	26.279	511.86	0
"2011-03-25	12:00:00"	10.96	244.9	20.41	25.45	9.31	248.1	22.32	23.07	70.76	72.59	-1.834	10.73	0.16	26.273	691.73	0
"2011-03-25	13:00:00"	19.31	269.1	15.39	32.01	14.83	270.9	16.52	26.05	73.91	76.46	-2.556	8.38	0.159	26.254	823.08	0
"2011-03-25	14:00:00"	18.66	258.1	18.07	32.01	15.16	260	20.19	26.05	75.79	78.68	-2.889	8.3	0.16	26.23	909.49	0
"2011-03-25	15:00:00"	17.4	245.7	14.15	29.63	15.01	248.5	16.24	27.24	77.06	79.89	-2.829	7.537	0.16	26.203	883.03	0
"2011-03-25	16:00:00"	16.15	241.3	19.22	30.82	13.84	244.2	21.34	27.24	77.91	80.5	-2.59	6.876	0.16	26.171	830.6	0
"2011-03-25	17:00:00"	15.85	234.8	20.81	35	13.39	236.7	22.83	29.03	79.07	81.4	-2.295	6.387	0.159	26.138	692.58	0
"2011-03-25	18:00:00"	17.91	226	11.07	31.42	14.97	227.9	13.17	28.43	79.56	81.2	-1.616	6.799	0.16	26.12	506.84	0
"2011-03-25	19:00:00"	20.87	230	11.54	32.61	17.71	232.6	13.33	27.84	78.99	79.7	-0.713	6.725	0.161	26.115	295.76	0
"2011-03-25	20:00:00"	20.57	237.7	7.564	29.63	18.49	241	9.73	27.84	77.1	76.89	0.213	7.175	0.16	26.125	89.778	0
"2011-03-25	21:00:00"	18.61	231.3	6.193	25.45	15.84	233.5	8.09	23.66	73.43	72.59	0.834	8.29	0.158	26.136	1.1687	0
"2011-03-25	22:00:00"	11.78	236.8	6.85	20.68	9.78	238.9	8.3	18.3	68.73	67.47	1.257	9.84	0.154	26.159	0	0
"2011-03-25	23:00:00"	9.98	245.9	19.36	15.91	7.307	247.4	23.33	12.33	65.66	64.02	1.647	11.14	0.154	26.16	0	0
"2011-03-26	00:00:00"	8.22	252.7	17.21	13.52	5.883	257.7	20.27	11.14	62.7	60.58	2.124	12.26	0.16	26.155	0	0
"2011-03-26	01:00:00"	10.25	293.6	11.25	12.93	4.434	300.3	12.65	7.561	61.75	57.54	4.209	12.58	0.164	26.163	0	0
"2011-03-26	02:00:00"	11.26	303.8	5.594	14.72	5.027	308.2	9.24	8.75	60.06	57.31	2.753	13.18	0.164	26.167	0	0
"2011-03-26	03:00:00"	10.1	305.2	11.38	14.72	4.972	303.2	16.81	9.35	59.79	57.24	2.549	13.87	0.163	26.17	0	0
"2011-03-26	04:00:00"	12.98	298.2	11.29	21.87	6.617	298	16.29	14.72	61.07	59.26	1.81	14.44	0.162	26.168	0	0
"2011-03-26	05:00:00"	12.14	299.3	9.8	20.68	5.99	303	14.55	12.33	62.01	59.63	2.383	15.05	0.161	26.165	0	0
"2011-03-26	06:00:00"	10.58	299	9.74	17.7	5.102	301.4	12.98	9.95	60.52	57.97	2.546	16.69	0.162	26.171	0	0
"2011-03-26	07:00:00"	14.28	308.4	9.09	24.86	7.92	309.3	11.43	17.7	60.35	59.02	1.327	17.89	0.162	26.186	0	0
"2011-03-26	08:00:00"	18.79	328.6	13.11	26.65	12.74	328.5	14.32	20.68	58.81	58	0.814	19.36	0.162	26.2	2.7418	0
"2011-03-26	09:00:00"	14.46	341.7	11.71	22.47	10.88	340.2	13.29	17.7	58.13	57.99	0.145	21.77	0.163	26.229	111.13	0
"2011-03-26	10:00:00"	19.36	348.4	11.72	30.22	14.83	345.9	12.85	26.65	60.85	61.66	-0.813	21.87	0.159	26.241	308.03	0
"2011-03-26	11:00:00"	20.81	344.7	10.59	28.43	15.92	342.1	12.7	25.45	63.81	65.35	-1.536	20.53	0.154	26.242	512.96	0
"2011-03-26	12:00:00"	15.48	338.8	15.7	26.65	11.91	337	16.04	22.47	66.19	68.52	-2.328	19.16	0.155	26.254	693.03	0
"2011-03-26	13:00:00"	12.39	312.5	20.65	22.47	8.82	311.8	21.76	17.1	69.69	72.78	-3.098	16.71	0.168	26.248	825.96	0
"2011-03-26	14:00:00"	11.55	292.4	25.05	25.45	8.43	292.5	26.11	18.3	73.67	76.89	-3.218	13.68	0.164	26.227	895.73	0
"2011-03-26	15:00:00"	12.26	275.3	25.83	20.68	9.38	277.2	26.91	19.49	75.01	78.16	-3.142	12.07	0.16	26.198	878.13	0
"2011-03-26	16:00:00"	12.3	255.6	29.86	24.86	9.97	257.1	31.32	22.47	75.23	78.16	-2.926	12.18	0.161	26.171	818.97	0
"2011-03-26	17:00:00"	11.1	224.8	27.76	24.86	9.53	228	29.17	21.28	76.24	78.43	-2.189	12.29	0.161	26.145	681.29	0
"2011-03-26	18:00:00"	11.54	197.5	20.49	23.66	9.62	197.7	23.57	20.09	77.24	78.93	-1.689	11.76	0.161	26.132	497.55	0
"2011-03-26	19:00:00"	10.75	187.5	20.52	21.87	8.8	186.8	22.36	18.89	77.34	78.33	-0.982	11.42	0.16	26.122	292.88	0
"2011-03-26	20:00:00"	14.67	208.8	20.01	24.26	11.78	209.9	22.46	20.68	77.2	77.14	0.054	11.73	0.16	26.116	95.11	0
"2011-03-26	21:00:00"	14.06	220.9	6.749	23.66	11.11	222.8	8.77	20.09	73.59	72.9	0.693	13.28	0.158	26.138	1.3022	0
"2011-03-26	22:00:00"	8.88	219.1	11.88	13.52	6.728	217.8	15.56	11.14	68.76	67.64	1.127	15.34	0.154	26.158	0	0
"2011-03-26	23:00:00"	6.884	227.6	7.552	11.74	4.941	227	9.89	9.35	65.97	64.28	1.688	17.21	0.154	26.169	0	0
"2011-03-27	00:00:00"	7.394	225.4	81	22.47	5.748	236.3	90.2	20.09	64.44	61.78	2.661	21.39	0.158	26.183	0	0
"2011-03-27	01:00:00"	15.79	101.6	6.939	25.45	12.07	99.1	8.59	20.09	55.49	55.29	0.2	44.07	0.165	26.205	0	0
"2011-03-27	02:00:00"	13.01	89.7	9.34	21.28	9.85	87.2	11.04	16.51	51.26	51.05	0.207	51.07	0.171	26.21	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-27	03:00:00"	13.86	88.5	8.66	20.09	10.59	86.4	10.28	17.1	48.12	47.97	0.146	56.33	0.173	26.209	0	0
"2011-03-27	04:00:00"	12.23	84.3	10.38	20.09	9.35	82	12.5	17.1	45.48	45.34	0.143	61.11	0.177	26.208	0	0
"2011-03-27	05:00:00"	9.36	72.29	12.6	14.72	6.97	69.65	14.24	12.33	42.69	42.46	0.233	66.69	0.167	26.204	0	0
"2011-03-27	06:00:00"	8.41	87.6	17.38	11.74	6.338	85.4	19.51	10.54	40.58	40.44	0.137	71.87	0.159	26.199	0	0
"2011-03-27	07:00:00"	8.3	76.15	14.83	12.33	5.866	71.23	16.92	9.35	38.5	38.17	0.322	76.85	0.157	26.208	0	0
"2011-03-27	08:00:00"	8.68	62.94	10.93	14.72	6.142	57.51	12.19	12.93	36.65	36.19	0.465	79.75	0.147	26.226	2.8752	0
"2011-03-27	09:00:00"	10.19	67.17	11.79	17.1	8.01	64.64	13.24	14.72	36.64	36.99	-0.341	81.1	0.15	26.254	103.79	0
"2011-03-27	10:00:00"	12.34	80.4	10.87	17.7	9.99	79.13	12.62	14.72	39.76	40.87	-1.108	77.91	0.167	26.279	300.16	0
"2011-03-27	11:00:00"	11.01	73.34	19.18	16.51	9.16	72.44	20.64	14.72	42.51	44.24	-1.731	73.02	0.177	26.289	498.25	0
"2011-03-27	12:00:00"	6.415	99.2	31.63	11.74	5.612	97.6	34.96	11.74	48.31	50.03	-1.722	60.25	0.17	26.288	682.98	0
"2011-03-27	13:00:00"	4.104	78.85	55.46	11.14	4.324	78.76	63.39	9.95	53.8	55.6	-1.799	47.97	0.163	26.282	815.06	0
"2011-03-27	14:00:00"	4.37	86.3	83.4	12.33	4.483	83.7	86.7	10.54	58.93	60.84	-1.913	39.08	0.155	26.272	884.03	0
"2011-03-27	15:00:00"	4.179	191.9	40.18	10.54	4.322	190.1	48.76	12.33	63.84	65.55	-1.706	31.52	0.155	26.25	867.01	0
"2011-03-27	16:00:00"	3.719	205.5	57.96	11.14	4.235	210.3	64.02	9.95	68.62	70.27	-1.651	25.81	0.158	26.224	816.76	0
"2011-03-27	17:00:00"	4.623	149.8	74.66	13.52	4.736	142.5	79.7	12.93	72.22	73.86	-1.64	22.12	0.159	26.201	679.76	0
"2011-03-27	18:00:00"	6.989	205.9	34.06	17.7	6.076	204.3	38.42	15.91	74.37	75.93	-1.562	18.63	0.159	26.186	495.21	0
"2011-03-27	19:00:00"	12.27	161.2	34.97	24.26	9.84	159.8	35.66	20.09	74.77	76.08	-1.307	19.33	0.16	26.184	292.96	0
"2011-03-27	20:00:00"	13.2	121.2	8.94	19.49	10.32	119.9	12.12	16.51	69.26	69.98	-0.721	27.56	0.156	26.2	91.818	0
"2011-03-27	21:00:00"	9.53	112.3	9.7	16.51	7.288	109.6	12.53	13.52	64.09	63.85	0.243	32.58	0.154	26.222	1.269	0
"2011-03-27	22:00:00"	10.27	108.6	7.807	14.12	7.713	105.3	9.64	11.14	59.29	58.94	0.346	38.66	0.158	26.242	0	0
"2011-03-27	23:00:00"	11.23	115.4	8.25	16.51	8.39	113.7	10.89	12.33	56.7	56.43	0.261	42.38	0.161	26.256	0	0
"2011-03-28	00:00:00"	11.56	126.1	9.14	17.7	8.57	124.5	12.67	14.72	55.76	55.76	-0.004	43.84	0.163	26.264	0	0
"2011-03-28	01:00:00"	8.77	128.5	8.93	15.31	6.223	125.5	13.01	11.74	53.89	53.75	0.14	48.14	0.166	26.267	0	0
"2011-03-28	02:00:00"	8.62	121.5	9.4	11.74	6.04	116.3	11.24	9.35	51.69	51.2	0.488	53.19	0.168	26.267	0	0
"2011-03-28	03:00:00"	10.66	116.6	8.23	14.72	7.718	114	10.85	11.74	49.34	49	0.338	58.21	0.171	26.267	0	0
"2011-03-28	04:00:00"	10.5	113.2	8.47	15.91	7.865	110.4	10.91	14.12	47.09	46.83	0.262	65.68	0.177	26.259	0	0
"2011-03-28	05:00:00"	10.23	118.9	8.24	15.31	7.636	117	11.23	11.74	45.54	45.47	0.071	71.48	0.178	26.25	0	0
"2011-03-28	06:00:00"	8.31	114.4	9.29	12.33	6.357	112.2	10.84	9.95	43.21	43.1	0.104	75.76	0.176	26.247	0	0
"2011-03-28	07:00:00"	7.442	100.1	26.15	11.14	5.312	94.5	28.87	8.16	39.83	39.6	0.222	79.76	0.17	26.255	0	0
"2011-03-28	08:00:00"	8.69	80.1	17.04	15.31	6.381	75.78	16.76	13.52	36.67	36.5	0.169	83.3	0.158	26.265	3.0388	0
"2011-03-28	09:00:00"	10.91	68.92	10.33	17.1	8.72	66.76	12.03	14.12	36.39	36.8	-0.417	85.9	0.154	26.287	101.25	0
"2011-03-28	10:00:00"	10.41	94.7	19.12	15.31	8.5	93.6	21.76	13.52	42.63	43.63	-1.005	79.5	0.172	26.296	303.86	0
"2011-03-28	11:00:00"	9.43	154	40.18	18.89	7.634	153.4	43.99	15.31	52.08	53.73	-1.645	68.22	0.164	26.299	497.76	0
"2011-03-28	12:00:00"	12.8	192.1	19.74	20.09	10.73	191.6	22.68	18.89	63.61	65.41	-1.8	44.74	0.157	26.282	697.47	0
"2011-03-28	13:00:00"	14.53	231.2	14.49	24.26	12.5	233.4	16.33	23.66	69.28	71.75	-2.478	28.69	0.158	26.266	832.23	0
"2011-03-28	14:00:00"	12.72	211.9	18.02	20.68	10.72	213.4	21.06	18.89	73.28	75.92	-2.642	23.5	0.16	26.242	900.28	0
"2011-03-28	15:00:00"	11.6	225.5	29.7	24.26	10.02	227.6	32.32	22.47	78.08	80.6	-2.522	15.05	0.158	26.21	882.38	0
"2011-03-28	16:00:00"	16.08	253.1	20.23	25.45	13.37	255.4	21.72	23.66	81.4	84.2	-2.759	9.26	0.157	26.176	828.84	0
"2011-03-28	17:00:00"	19.16	243.1	16.95	32.01	16.39	245.8	18.01	32.01	82.8	85.1	-2.354	8.62	0.158	26.15	688.63	0
"2011-03-28	18:00:00"	20.13	236.1	13.57	33.8	17.34	238.5	15.66	32.61	82.9	84.4	-1.527	8.2	0.158	26.139	505.89	0
"2011-03-28	19:00:00"	20.63	228.4	12.65	30.82	17.41	230.2	14.51	29.03	82.5	83.1	-0.624	8.34	0.158	26.129	302.51	0
"2011-03-28	20:00:00"	18.65	230.3	7.603	28.43	15.78	232.8	9.66	24.86	80.7	80.3	0.388	8.8	0.159	26.143	101.5	0
"2011-03-28	21:00:00"	15.73	227.1	6.378	24.26	12.71	229.6	8.13	20.09	77.03	75.98	1.045	10.29	0.158	26.162	1.4641	0
"2011-03-28	22:00:00"	9.54	216	9.77	17.7	6.987	213.7	13.29	14.12	71.92	70.43	1.482	11.96	0.157	26.184	0	0
"2011-03-28	23:00:00"	9.08	222.8	8.39	14.12	6.318	221.5	12.3	10.54	67.51	65.42	2.087	13.59	0.155	26.204	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2011-03-29	00:00:00"	9.5	248.6	10.52	12.93	6.931	252.4	12.96	11.14	66.79	64.25	2.54	14.16	0.156	26.207	0	0
"2011-03-29	01:00:00"	7.969	241.5	9.21	12.93	5.914	242.9	12.5	11.14	64.09	61.64	2.453	15.68	0.157	26.211	0	0
"2011-03-29	02:00:00"	6.801	256.5	10.7	9.95	4.696	259.9	14.41	6.964	62.98	60	2.973	16.4	0.159	26.214	0	0
"2011-03-29	03:00:00"	9.62	250.6	10.92	14.72	7.084	252.6	13.45	11.74	63.99	61.11	2.881	16.08	0.157	26.211	0	0
"2011-03-29	04:00:00"	7.135	259.4	8.7	10.54	4.667	264.2	10.39	8.16	62.61	59.64	2.967	16.76	0.159	26.209	0	0
"2011-03-29	05:00:00"	8.1	156.5	86.8	20.68	6.027	142	80.4	17.1	58.25	55.74	2.509	22.84	0.162	26.22	0	0
"2011-03-29	06:00:00"	16.65	35.15	7.617	26.05	13.45	35.45	10.11	23.66	43.53	43.69	-0.169	77.88	0.176	26.253	0	0
"2011-03-29	07:00:00"	18.51	34.3	7.118	27.84	14.92	34.72	9.82	23.66	41.89	42.26	-0.372	87.5	0.169	26.286	0.49813	0
"2011-03-29	08:00:00"	17.51	35.42	7.599	25.45	14.05	35.38	10.31	21.87	42.69	43.03	-0.343	88.6	0.162	26.319	3.0878	0
"2011-03-29	09:00:00"	18.41	35.42	7.785	27.84	14.66	35.34	10.11	24.26	42.07	42.48	-0.41	88.4	0.157	26.35	22.347	0
"2011-03-29	10:00:00"	18.08	34.62	8.69	26.05	14.55	34.99	11.53	23.07	41.89	42.61	-0.721	87.4	0.168	26.38	91.478	0
"2011-03-29	11:00:00"	16.37	32.61	9.49	24.86	13.17	32.4	12.61	20.09	42.72	43.94	-1.213	84	0.166	26.422	203.96	0
"2011-03-29	12:00:00"	14.41	34.13	12.25	20.09	11.95	33.83	15.03	17.1	44.54	46.31	-1.777	78.08	0.174	26.438	365.76	0
"2011-03-29	13:00:00"	12.9	36.55	13.22	20.09	10.67	37.29	16.39	18.3	47.27	49.74	-2.468	69.99	0.17	26.45	610.86	0
"2011-03-29	14:00:00"	13.02	33.85	13.99	20.68	10.74	34.69	17.33	18.89	50.13	52.92	-2.79	62.14	0.164	26.449	771.68	0
"2011-03-29	15:00:00"	14.86	35.56	14.79	23.07	12.38	36.32	17.64	21.87	52.77	55.77	-2.991	55.4	0.161	26.434	834.09	0
"2011-03-29	16:00:00"	16.7	34.39	13.55	29.03	13.67	34.2	16.09	24.26	55.14	58.06	-2.918	49.39	0.159	26.419	791.36	0
"2011-03-29	17:00:00"	18.01	42.85	13.33	27.84	14.7	42.58	15.72	23.66	57.9	60.35	-2.455	44.89	0.156	26.406	654.62	0
"2011-03-29	18:00:00"	17.36	54.07	12.88	26.65	14.05	53.76	14.18	23.66	58.61	60.51	-1.904	42.44	0.156	26.408	494.37	0
"2011-03-29	19:00:00"	17.06	66.04	11.16	26.05	13.59	65.46	12.87	21.28	57.49	58.68	-1.187	45.33	0.158	26.419	294.93	0
"2011-03-29	20:00:00"	17.74	74.71	9.49	27.84	13.69	74.01	11.28	23.66	53.04	53.49	-0.446	55.37	0.163	26.427	94.511	0
"2011-03-29	21:00:00"	15.62	70.01	8.57	26.05	11.91	68.9	10.81	23.07	48.61	48.62	-0.008	61.94	0.169	26.445	1.3557	0
"2011-03-29	22:00:00"	12.08	64.8	9.16	23.66	9.36	64.08	11.15	19.49	45.35	45.25	0.105	65.59	0.176	26.478	0	0
"2011-03-29	23:00:00"	6.067	71.36	9.64	11.14	3.981	67.49	14.16	8.75	42.02	41.26	0.759	72.02	0.172	26.506	0	0
"2011-03-30	00:00:00"	6.057	69.12	5.591	7.561	3.099	64.54	11.4	4.578	39.54	37.9	1.638	75.48	0.16	26.503	0	0
"2011-03-30	01:00:00"	5.34	101.7	13.85	8.75	3.319	89.6	36.75	5.771	38.51	36.99	1.522	77.47	0.155	26.503	0	0
"2011-03-30	02:00:00"	1	58.81	17.59	1	3.112	9.34	11.28	4.578	38.18	34.76	3.42	79	0.149	26.509	0	0
"2011-03-30	03:00:00"	1	59.14	19.64	1	3.057	10.21	15.84	4.578	38.16	34.02	4.147	79.95	0.146	26.504	0.00931	0
"2011-03-30	04:00:00"	1.081	57.97	23.1	6.368	3.483	16.8	15.39	5.175	37.53	31.66	5.869	81.6	0.146	26.485	0.25234	0
"2011-03-30	05:00:00"	7.908	352.1	11.29	9.95	4.101	347.9	10.83	6.368	34.82	31.31	3.507	84.4	0.149	26.473	0.34512	0
"2011-03-30	06:00:00"	7.085	343.7	21.08	10.54	3.649	351.4	35.2	6.368	35.01	31.93	3.079	83.3	0.146	26.462	0.34541	0
"2011-03-30	07:00:00"	6.974	323.7	4.923	9.35	3.453	323.4	8.06	6.964	34.36	32.61	1.745	83.9	0.146	26.464	0.3454	0
"2011-03-30	08:00:00"	7.392	323.3	8.96	9.35	3.628	332.9	15.86	5.175	35.17	31.72	3.447	83	0.146	26.461	4.2203	0
"2011-03-30	09:00:00"	4.753	328.5	11.26	8.75	2.893	331.3	15.07	4.578	35.97	35.47	0.499	83.5	0.153	26.468	102.65	0
"2011-03-30	10:00:00"	1.899	236.8	39.65	5.771	2.065	241.7	40.78	5.175	40.88	41.46	-0.575	72.32	0.17	26.472	310.74	0
"2011-03-30	11:00:00"	6.946	177.9	20.05	12.93	5.977	178.2	23.15	11.74	44.92	46.22	-1.302	55.9	0.172	26.468	511.79	0
"2011-03-30	12:00:00"	10.67	189.5	14.73	17.7	9.04	189.2	19.09	15.31	48.69	50.67	-1.976	44.97	0.165	26.445	686.37	0
"2011-03-30	13:00:00"	9.53	207.1	17.48	22.47	8.22	208.1	20.33	22.47	51.4	53.49	-2.088	40.47	0.161	26.424	653.06	0
"2011-03-30	14:00:00"	10.3	209.5	21.22	17.1	8.99	210.1	24.7	16.51	53.91	56.42	-2.5	38.64	0.159	26.389	856.57	0
"2011-03-30	15:00:00"	10.57	217	21.54	17.7	9.18	218.4	25.14	17.1	57.11	59.83	-2.728	36.18	0.156	26.349	862.36	0
"2011-03-30	16:00:00"	11.15	223.7	20.92	18.3	9.62	225.3	24.57	17.7	60.55	63.39	-2.84	32.96	0.155	26.301	813.42	0
"2011-03-30	17:00:00"	10.17	226.8	19.48	18.89	8.96	228	24.16	18.3	64.52	66.65	-2.132	29.35	0.158	26.27	645.48	0
"2011-03-30	18:00:00"	7.673	245.1	23.87	15.91	6.662	247.4	27.14	14.12	67.16	68.81	-1.65	25.27	0.158	26.25	479.69	0
"2011-03-30	19:00:00"	7.24	240.6	22.48	13.52	6.341	241.2	26.25	12.93	68.62	69.58	-0.966	23	0.159	26.24	264.72	0
"2011-03-30	20:00:00"	6.872	214.8	16.93	11.74	5.61	215.4	18.7	9.95	68.39	68.47	-0.084	22.87	0.158	26.239	95.531	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-03-30	21:00:00"	7.386	185.5	6.919	11.14	5.409	184	8.93	8.75	64.1	63.12	0.985	27.22	0.155	26.246	1.5127	0
"2011-03-30	22:00:00"	8.77	191.8	5.969	11.74	6.089	194	7.895	8.16	59.72	58.52	1.204	30.06	0.158	26.258	0	0
"2011-03-30	23:00:00"	7.898	196.7	6.936	11.14	5.396	202.7	9.35	8.16	57.05	55.86	1.193	32.08	0.159	26.273	0	0
"2011-03-31	00:00:00"	7.668	201.9	6.414	9.95	5.328	207.3	8.95	7.561	55.19	53.92	1.273	34.43	0.161	26.275	0	0
"2011-03-31	01:00:00"	7.664	222.1	11.61	11.14	5.634	228.5	14.32	8.16	54.44	52.98	1.457	35.62	0.162	26.265	0	0
"2011-03-31	02:00:00"	7.947	228.6	5.806	11.14	5.921	236	7.372	7.561	54.15	52.3	1.851	36.54	0.163	26.264	0	0
"2011-03-31	03:00:00"	7.749	259.7	21.43	11.14	5.238	272.8	27.22	9.35	54.35	51.34	3.006	37.98	0.165	26.269	0	0
"2011-03-31	04:00:00"	7.684	291.7	21.05	11.14	3.896	305	18.34	7.561	54.04	48.63	5.409	39.9	0.168	26.262	0	0
"2011-03-31	05:00:00"	9.31	316.7	8.37	12.93	4.755	319.8	10.01	8.16	50.84	46.13	4.709	42.38	0.174	26.245	0	0
"2011-03-31	06:00:00"	10.83	311.3	12.59	20.68	5.911	310.3	16.48	18.3	54.6	50.58	4.019	34.9	0.168	26.241	0	0
"2011-03-31	07:00:00"	18.1	328.3	7.561	29.63	12.88	328.1	10.17	24.26	58.9	58.03	0.872	25.98	0.158	26.244	0	0
"2011-03-31	08:00:00"	14.26	320.9	8.28	23.07	9.38	321.7	10.75	17.7	57.12	56.14	0.984	27.23	0.158	26.264	4.8166	0
"2011-03-31	09:00:00"	14.03	324.1	7.728	19.49	9.86	325	10.21	15.31	56.39	56	0.383	28.05	0.16	26.284	88.14	0
"2011-03-31	10:00:00"	15.56	330.9	8.96	21.87	11.68	330.3	11.25	19.49	61.05	61.92	-0.871	24.71	0.157	26.31	311.13	0
"2011-03-31	11:00:00"	15.87	336.5	11.86	21.28	12.18	334.8	13.33	18.89	66.16	67.87	-1.706	20.67	0.158	26.325	504.6	0
"2011-03-31	12:00:00"	11.43	356.5	19.48	20.68	9.21	354	22.17	18.3	69.89	72.3	-2.415	17.69	0.158	26.33	711.88	0
"2011-03-31	13:00:00"	9.32	16.23	25.92	18.3	7.719	15.51	29.22	14.12	72.39	75.08	-2.689	15.95	0.158	26.328	790.96	0
"2011-03-31	14:00:00"	9.68	15.28	21.13	18.89	8.04	13.83	25.85	16.51	74.08	76.55	-2.471	15.09	0.158	26.316	762.72	0
"2011-03-31	15:00:00"	9.52	18.2	26.68	18.89	8.03	16.44	31.49	18.3	75.35	78.15	-2.804	14.02	0.158	26.296	887.61	0
"2011-03-31	16:00:00"	5.528	17.97	65.83	18.3	4.806	15.75	72.43	15.91	77.08	79.05	-1.967	13.53	0.159	26.266	779.79	0
"2011-03-31	17:00:00"	5.604	231.1	80.9	14.72	5.112	226.4	83.8	13.52	77.87	79.76	-1.886	12.96	0.159	26.243	634.85	0
"2011-03-31	18:00:00"	3.885	266.6	56.15	12.33	3.961	270.6	59.06	13.52	79.04	80.3	-1.296	11.77	0.159	26.226	507.42	0
"2011-03-31	19:00:00"	7.316	239	25.02	15.31	6.355	240.5	27.44	15.31	79.56	80.7	-1.101	11.19	0.158	26.217	314.42	0
"2011-03-31	20:00:00"	8.03	225.6	13.76	15.31	6.476	226.5	16.71	11.14	79.09	78.92	0.169	11.21	0.159	26.215	114.92	0
"2011-03-31	21:00:00"	7.488	179.3	10.21	11.74	5.059	178.1	12.24	9.35	73.86	72.26	1.608	13.37	0.158	26.22	1.8057	0
"2011-03-31	22:00:00"	8.25	170.3	6.977	11.74	5.611	170.6	9.23	9.35	69.99	68.27	1.716	14.97	0.156	26.231	0	0
"2011-03-31	23:00:00"	7.71	185.3	16.41	11.74	5.169	189	20.29	8.75	66.31	64.54	1.779	16.42	0.156	26.239	0	0
"2011-04-01	00:00:00"	7.243	197.3	7.06	9.35	4.581	199.3	11.34	6.964	63.54	61.48	2.059	17.89	0.156	26.244	0	0
"2011-04-01	01:00:00"	7.433	210.2	11.71	9.35	4.733	213.3	18.43	6.964	62.4	59.82	2.582	18.74	0.159	26.239	0	0
"2011-04-01	02:00:00"	7.661	213.3	5.833	9.95	4.735	213.2	8.57	6.368	60.59	57.98	2.616	20.35	0.159	26.225	0	0
"2011-04-01	03:00:00"	6.929	225.6	7.818	12.33	4.683	227.6	10.58	6.964	60.13	57.36	2.769	21.07	0.161	26.215	0	0
"2011-04-01	04:00:00"	5.87	239.3	17.72	8.16	3.787	245.1	29.24	5.771	58.85	55.62	3.235	22.08	0.163	26.205	0	0
"2011-04-01	05:00:00"	8.24	287	15.44	12.93	3.655	300	14.97	6.368	59.54	53.94	5.597	22.13	0.165	26.199	0	0
"2011-04-01	06:00:00"	8.65	296.9	9.79	12.33	3.564	303.7	10.79	5.771	57.71	52.8	4.914	23.13	0.166	26.191	0	0
"2011-04-01	07:00:00"	12.48	312.1	6.89	17.1	6.633	313.9	9.88	12.93	57.11	55.17	1.946	24.04	0.164	26.202	0	0
"2011-04-01	08:00:00"	14.27	328.2	9.2	18.89	9.67	328.3	10.97	15.91	58.77	57.63	1.143	23.87	0.16	26.228	6.6971	0
"2011-04-01	09:00:00"	15.07	345.1	10.4	23.07	11.21	343.4	12.7	20.09	63.44	63.22	0.22	21.94	0.157	26.252	140.79	0
"2011-04-01	10:00:00"	16.57	3.252	13.21	25.45	12.68	358.7	14.94	21.28	70.33	71.14	-0.805	19.12	0.158	26.263	340.23	0
"2011-04-01	11:00:00"	19.36	16.21	11.35	27.84	15.12	14.49	16.15	23.66	74.85	76.27	-1.413	16.94	0.159	26.277	544.43	0
"2011-04-01	12:00:00"	18.44	34.64	10.87	27.84	14.94	34.54	13.56	23.66	77.41	79.34	-1.932	15.37	0.159	26.305	718.01	0
"2011-04-01	13:00:00"	15.02	32.41	21.09	26.05	12.22	31.64	23.95	21.28	79.17	81.7	-2.522	13.91	0.159	26.32	846.15	0
"2011-04-01	14:00:00"	11.29	28.71	25.23	22.47	9.41	28.03	28.02	20.68	80.2	83	-2.78	13.4	0.158	26.312	910.1	0
"2011-04-01	15:00:00"	10.21	41.45	31.7	23.07	8.56	41.07	36.09	18.3	81.5	84.1	-2.65	12.87	0.158	26.298	883.08	0
"2011-04-01	16:00:00"	8.69	38.3	51.82	20.68	7.441	35.16	54.24	18.3	82.5	85	-2.494	12.33	0.157	26.288	821.4	0
"2011-04-01	17:00:00"	7.488	36.86	48.44	15.91	6.6	35.97	50.22	13.52	83.2	85.5	-2.262	11.92	0.158	26.282	694.89	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-01	18:00:00"	8.06	67.32	37.48	18.3	7.06	67.84	39.56	15.91	83.7	85.2	-1.539	12.75	0.158	26.285	506.31
"2011-04-01	19:00:00"	11.37	75.6	15.38	18.89	9.28	75.17	17.02	15.31	82.5	83.5	-0.987	14.18	0.158	26.293	301.94
"2011-04-01	20:00:00"	11.12	81.1	9.43	17.1	8.63	79.63	10.96	15.31	80.6	80.6	0.007	14.7	0.158	26.305	106.08
"2011-04-01	21:00:00"	10.51	93.6	6.374	14.12	6.664	91.3	8.62	9.95	74.08	72.45	1.63	17.28	0.157	26.315	1.9531
"2011-04-01	22:00:00"	10.58	98.2	6.914	13.52	7.109	94.9	8.63	9.95	69.61	68.38	1.231	20.1	0.155	26.333	0
"2011-04-01	23:00:00"	12.16	109.2	8.52	16.51	8.93	106.5	10.62	12.93	68.11	67.3	0.81	21.61	0.155	26.355	0
"2011-04-02	00:00:00"	13.06	110.4	10.56	18.3	9.66	108	12.53	14.12	66.03	65.39	0.638	24.05	0.156	26.363	0
"2011-04-02	01:00:00"	13.07	108.6	7.649	20.68	9.76	105.3	9.49	16.51	63.72	63.04	0.68	26.34	0.156	26.368	0
"2011-04-02	02:00:00"	13.16	118.9	7.66	19.49	9.91	117.5	10.45	15.91	63.19	62.74	0.452	27.29	0.157	26.369	0
"2011-04-02	03:00:00"	8.27	130.5	24.13	15.31	5.908	131.3	31.47	12.33	60.44	59.61	0.83	29.88	0.159	26.375	0
"2011-04-02	04:00:00"	3.483	154	11.88	5.771	1.99	147.2	36.5	3.982	58.6	56.78	1.818	31.68	0.161	26.381	0
"2011-04-02	05:00:00"	5.403	169.4	9.03	8.75	2.817	168.3	27.55	5.771	57.56	54.94	2.617	32.92	0.164	26.38	0
"2011-04-02	06:00:00"	6.733	172	7.415	9.35	4.231	170.7	10.83	6.368	57.16	55.11	2.053	33.92	0.163	26.376	0
"2011-04-02	07:00:00"	4.442	138.6	11.61	7.561	2.808	78.22	26.93	3.982	56.93	52.45	4.483	34.87	0.168	26.38	0
"2011-04-02	08:00:00"	5.964	74.91	17.5	8.16	4.287	46.48	11.14	6.368	54.4	49.01	5.394	37.76	0.175	26.396	6.7431
"2011-04-02	09:00:00"	6.083	91.5	19.09	8.75	4.377	76.92	26.5	6.368	54.11	52.63	1.476	38.19	0.17	26.41	138.51
"2011-04-02	10:00:00"	8.53	153	14.87	16.51	6.754	151.6	15.79	15.31	64.04	64.67	-0.627	30.82	0.155	26.412	334.46
"2011-04-02	11:00:00"	15.73	169.9	11.18	26.05	12.76	168.2	11.95	20.09	69.71	70.79	-1.077	27.63	0.158	26.41	533.8
"2011-04-02	12:00:00"	16.22	173.8	12.92	23.07	13.37	171.9	14.48	19.49	74.06	75.71	-1.649	24.86	0.159	26.407	707.83
"2011-04-02	13:00:00"	13.61	189	15.52	20.68	11.31	188.9	18.75	18.89	78.25	80.4	-2.181	20.99	0.159	26.391	842.01
"2011-04-02	14:00:00"	14.6	210.3	16.86	22.47	12.18	211.7	20.12	19.49	82.6	85.2	-2.537	15.76	0.157	26.362	910.09
"2011-04-02	15:00:00"	13.97	211.4	14.86	22.47	11.48	212.8	17.57	21.87	85.6	88.3	-2.68	11.91	0.158	26.331	893.82
"2011-04-02	16:00:00"	14.9	204.9	17.25	26.65	12.4	205.2	20.21	22.47	87.3	89.7	-2.425	8.99	0.159	26.298	841.92
"2011-04-02	17:00:00"	15.61	204.7	15.42	27.84	12.68	205.1	18.73	22.47	88.4	90.4	-2.057	7.483	0.159	26.269	703.67
"2011-04-02	18:00:00"	15.18	201.4	16.73	27.84	12.35	201.9	19.2	24.26	88.7	90.2	-1.5	6.773	0.159	26.248	523.04
"2011-04-02	19:00:00"	14.97	202.3	15.05	26.05	11.93	202.5	18.26	22.47	88.4	89.1	-0.725	6.357	0.158	26.234	315.99
"2011-04-02	20:00:00"	12.08	195.3	9.95	21.28	9.71	194.5	11.85	17.7	87.3	87	0.33	7.039	0.158	26.225	113.97
"2011-04-02	21:00:00"	8.46	179.2	8.98	12.33	5.943	175.6	11	8.75	83	81.1	1.935	8.84	0.159	26.223	2.0172
"2011-04-02	22:00:00"	8.83	163	6.669	12.33	5.929	161.9	12.13	9.35	80.1	78.02	2.047	10.41	0.159	26.232	0
"2011-04-02	23:00:00"	12.73	158.6	7.602	20.09	9.31	156	7.724	14.72	76.52	75.34	1.18	13.08	0.158	26.246	0
"2011-04-03	00:00:00"	9.24	181.8	17.54	15.91	6.826	183.5	21.48	12.33	71.78	70.53	1.241	20.61	0.157	26.254	0
"2011-04-03	01:00:00"	10.11	187.7	8.34	18.3	7.673	190.9	11.53	14.72	71.97	70.81	1.158	33.9	0.157	26.253	0
"2011-04-03	02:00:00"	10.91	181.1	9.38	18.3	8.43	179.6	13.07	15.91	69.85	68.99	0.861	43.73	0.155	26.244	0
"2011-04-03	03:00:00"	11.74	177.6	6.976	20.09	10.95	175.3	8.39	17.1	69.39	68.78	0.601	51.09	0.155	26.23	0
"2011-04-03	04:00:00"	10.11	183.9	7.414	14.72	7.888	183.7	9.67	11.74	67.19	66.47	0.712	56.61	0.156	26.218	0
"2011-04-03	05:00:00"	9.45	200.8	13.45	15.31	7.365	203.8	16.11	12.93	66.74	65.99	0.754	58.91	0.157	26.215	0
"2011-04-03	06:00:00"	10.9	198.8	16.05	24.86	8.74	200	19.1	20.09	65.99	65.33	0.659	61.11	0.158	26.211	0
"2011-04-03	07:00:00"	8.52	204.7	17.8	14.72	6.701	207.5	21.75	13.52	64	63.28	0.72	65.33	0.157	26.22	0
"2011-04-03	08:00:00"	10.58	190.6	15.91	18.3	8.37	191.9	18.66	16.51	63.12	62.66	0.459	69.85	0.159	26.225	11.292
"2011-04-03	09:00:00"	10	189.9	8.87	15.31	8.1	190.3	11.49	12.93	63.9	63.7	0.199	65.34	0.159	26.234	80.813
"2011-04-03	10:00:00"	10.41	200.4	8.93	15.31	8.32	201.3	11.5	12.93	67.66	67.93	-0.272	41.81	0.157	26.238	267.39
"2011-04-03	11:00:00"	15.02	214.3	9.81	22.47	11.74	215.8	12.89	20.09	72.66	73.64	-0.973	26	0.159	26.235	442.27
"2011-04-03	12:00:00"	19.03	223.4	11.92	33.21	15.58	225.2	14.76	29.03	78.64	80.4	-1.754	17.34	0.159	26.218	731.37
"2011-04-03	13:00:00"	25.99	248.4	11.85	38.57	22.43	251.4	13.51	35.59	84.2	86.4	-2.16	10.7	0.159	26.19	843.18
"2011-04-03	14:00:00"	29.1	241.6	11.92	45.13	25.27	244.6	13.87	40.36	85.6	88	-2.417	10.76	0.16	26.164	900.78

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-03	15:00:00"	30.12	245	12.48	48.12	26.07	247.9	14.59	43.35	86.4	88.7	-2.315	9.37	0.159	26.143	873.58	0	
"2011-04-03	16:00:00"	29.99	243.7	9.4	48.12	26.69	247	11.2	45.73	87.2	89.4	-2.194	8.44	0.158	26.115	815.22	0.01	
"2011-04-03	17:00:00"	31.73	245	10.16	46.92	27.61	248	11.91	40.36	87.6	89.2	-1.518	7.302	0.158	26.09	587.84	0	
"2011-04-03	18:00:00"	30.71	246	9.47	45.13	26.99	249.3	11.24	40.36	87.5	88.5	-1.01	7.019	0.158	26.08	438.25	0	
"2011-04-03	19:00:00"	32.22	244	8.47	50.5	28.86	247.2	10.3	42.75	87.4	87.6	-0.278	6.365	0.159	26.066	228.92	0	
"2011-04-03	20:00:00"	25.44	245.2	7.135	40.36	22.78	248.2	8.92	35.59	85.6	85.2	0.386	6.593	0.159	26.069	39.661	0	
"2011-04-03	21:00:00"	22.46	250.5	6.414	35.59	19.06	253.8	8.54	32.61	83.6	82.9	0.684	8.02	0.16	26.076	1.4705	0	
"2011-04-03	22:00:00"	16.72	254.9	7.279	28.43	13.53	257.8	9.22	23.07	81	80.1	0.876	9.03	0.159	26.098	0	0	
"2011-04-03	23:00:00"	20.18	265.1	7.979	29.63	16.09	267.8	9.5	24.86	80.3	79.51	0.757	10.46	0.159	26.117	0	0	
"2011-04-04	00:00:00"	17.67	265.5	8.07	27.84	14.09	268.5	9.81	22.47	78.64	77.83	0.803	12.07	0.158	26.136	0	0	
"2011-04-04	01:00:00"	23.08	277.5	7.099	35.59	16.96	279.5	9.65	29.63	77.83	77.09	0.737	10.98	0.159	26.153	0	0	
"2011-04-04	02:00:00"	19.4	277.4	7.822	28.43	14.01	279.7	10.13	26.65	75.88	75.14	0.739	10.96	0.159	26.186	0	0	
"2011-04-04	03:00:00"	14.9	273.4	7.224	23.07	11.3	275.6	9.67	19.49	72.93	72.07	0.864	12.31	0.158	26.213	0	0	
"2011-04-04	04:00:00"	21.12	301.8	58.95	40.36	16.63	303.5	56.69	32.61	66.09	65.5	0.581	20.2	0.159	26.241	0	0	
"2011-04-04	05:00:00"	28.84	20.77	6.892	43.35	22.5	19.99	13.82	36.19	48.23	48.44	-0.209	43.77	0.174	26.321	0	0	
"2011-04-04	06:00:00"	32.82	24.85	6.826	46.33	26.11	25.09	12.07	40.36	43.84	44.05	-0.209	44.63	0.167	26.364	0	0	
"2011-04-04	07:00:00"	28.49	23.54	6.721	43.35	22.29	23.43	12.33	36.19	41.58	41.71	-0.132	45.58	0.157	26.417	0	0	
"2011-04-04	08:00:00"	23.69	20.09	6.728	39.17	18.44	19.5	13.57	32.01	40.41	40.45	-0.035	49.1	0.154	26.477	7.541	0	
"2011-04-04	09:00:00"	24.16	16.67	8.34	35.59	18.74	15.05	15.8	29.03	40.26	40.68	-0.419	51.03	0.156	26.527	136.55	0	
"2011-04-04	10:00:00"	26.28	16.58	9.18	36.19	20.46	14.75	16.1	33.21	41.68	42.89	-1.205	51	0.163	26.574	328.43	0	
"2011-04-04	11:00:00"	23.52	17.32	11.53	34.4	18.6	15.52	17.36	32.01	44.05	45.91	-1.862	45.85	0.173	26.605	525.78	0	
"2011-04-04	12:00:00"	20.03	14.34	11.93	29.63	15.86	12.51	17.84	27.24	46.82	49.32	-2.495	39.15	0.175	26.629	706.84	0	
"2011-04-04	13:00:00"	18.42	10.45	14.73	29.63	14.52	7.535	19.29	25.45	50.34	53.26	-2.922	29.31	0.166	26.636	837.36	0	
"2011-04-04	14:00:00"	17.41	18.85	15.47	29.03	13.98	17.51	20.17	24.26	53.32	56.51	-3.189	21.42	0.161	26.617	909.75	0	
"2011-04-04	15:00:00"	14.84	10.43	21.46	27.24	11.95	9.72	24.79	22.47	54.92	58.08	-3.164	18.21	0.159	26.596	890.86	0	
"2011-04-04	16:00:00"	11.95	0.715	28.62	24.26	9.7	357.5	31.77	21.28	56.22	59.17	-2.951	15.57	0.159	26.577	838.93	0	
"2011-04-04	17:00:00"	10.68	13.49	32.34	21.87	8.85	13.56	37.08	20.09	57.15	59.68	-2.528	15.34	0.159	26.547	703.23	0	
"2011-04-04	18:00:00"	6.669	11.22	71.99	16.51	5.774	10.33	71.95	14.72	58.01	59.92	-1.911	14.81	0.159	26.525	521.18	0	
"2011-04-04	19:00:00"	4.775	16.26	56.08	13.52	4.48	19.52	57.86	12.93	58.6	59.87	-1.273	14.03	0.159	26.519	316.83	0	
"2011-04-04	20:00:00"	1	74.9	74.77	1.596	2.829	62.34	77.31	6.964	58.48	58.83	-0.342	13.46	0.16	26.516	113.46	0	
"2011-04-04	21:00:00"	6.3	94.5	12.11	9.95	4.08	87.7	13.3	5.771	56.18	53.16	3.014	14.63	0.167	26.516	1.7489	0	
"2011-04-04	22:00:00"	9.04	92.9	7.927	10.54	4.35	82.1	10.12	5.771	52.69	47.9	4.787	16.42	0.173	26.518	0	0	
"2011-04-04	23:00:00"	9.76	113.9	9.52	12.33	4.985	99.2	21.05	8.75	51.82	47.01	4.805	16.65	0.173	26.526	0	0	
"2011-04-05	00:00:00"	9.67	130.7	6.852	12.93	6.19	125.1	11.31	8.75	49.19	48.25	0.935	18.3	0.173	26.524	0	0	
"2011-04-05	01:00:00"	9.45	137.1	6.342	13.52	6.392	132.3	12.85	9.95	47.96	47.81	0.145	19.85	0.173	26.521	0	0	
"2011-04-05	02:00:00"	8.95	147.8	7.731	12.93	5.709	145.4	10.26	9.95	46.54	46.42	0.125	20.55	0.171	26.517	0	0	
"2011-04-05	03:00:00"	7.149	198.9	18.41	12.33	5.331	201.2	18.98	9.35	43.88	43.21	0.67	22.24	0.164	26.498	0	0	
"2011-04-05	04:00:00"	8.39	215.1	9.04	12.93	6.129	216.6	12.77	9.95	41.4	40.67	0.728	23.82	0.157	26.468	0	0	
"2011-04-05	05:00:00"	7.503	212.2	8.02	11.74	5.213	215.1	11.4	8.75	41.78	40.74	1.046	23.01	0.156	26.468	0	0	
"2011-04-05	06:00:00"	8.79	211.6	6.113	11.74	6.222	213.5	9.63	9.35	42.29	41.4	0.893	22.7	0.158	26.465	0	0	
"2011-04-05	07:00:00"	7.908	206.2	5.726	10.54	5.43	208.4	8.93	7.561	41.34	40.34	0.999	23.44	0.156	26.463	0	0	
"2011-04-05	08:00:00"	7.911	197.1	9.07	12.33	5.686	202.4	11.13	9.95	42.05	41.13	0.913	23.22	0.157	26.462	10.248	0	
"2011-04-05	09:00:00"	10.74	187.7	9.23	16.51	8.78	188.3	12.19	15.31	44.89	44.86	0.036	21.92	0.169	26.471	149.24	0	
"2011-04-05	10:00:00"	15.33	189.2	7.941	21.28	12.73	188.5	10.41	18.3	51.61	52.27	-0.66	19.58	0.167	26.473	341.14	0	
"2011-04-05	11:00:00"	14.55	201.5	11.52	20.68	11.9	201.1	14.75	17.7	56.88	58.4	-1.522	18.96	0.17	26.473	542.17	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-05	12:00:00"	13.46	207.1	13.04	20.09	11.04	207.9	16.47	18.3	61.41	63.48	-2.067	17.94	0.153	26.463	719.13	0
"2011-04-05	13:00:00"	11.54	213.7	15.06	18.3	9.72	214.8	18.49	15.91	65.67	68.03	-2.358	15.32	0.155	26.443	850.58	0
"2011-04-05	14:00:00"	11.07	218.1	15.58	17.7	9.4	219.4	19.6	16.51	70.34	73.02	-2.681	11.57	0.159	26.406	917.26	0
"2011-04-05	15:00:00"	12.49	216.9	16.81	24.86	10.41	218.3	19.42	23.66	74.02	76.82	-2.804	10.24	0.161	26.375	892.22	0
"2011-04-05	16:00:00"	13.02	212.6	18.91	22.47	10.93	213.9	21.77	18.89	76.48	79	-2.524	10.38	0.161	26.343	837.22	0
"2011-04-05	17:00:00"	13.5	210.5	16.44	23.66	10.99	212.2	20.06	20.09	78.2	80.4	-2.242	9.99	0.159	26.304	703.12	0
"2011-04-05	18:00:00"	15.9	196.6	15.7	25.45	12.91	196	18.8	21.87	79.38	81	-1.614	9.77	0.16	26.281	517.97	0
"2011-04-05	19:00:00"	13.65	186.3	12.88	23.07	11.16	185.4	14.94	20.68	80.1	80.7	-0.533	10.06	0.16	26.261	233.74	0
"2011-04-05	20:00:00"	13.54	184.1	10.7	22.47	10.98	181.9	12.62	17.7	81.2	81	0.158	9.97	0.16	26.24	135.68	0
"2011-04-05	21:00:00"	9.78	198.9	13.71	15.91	6.988	196.6	15.77	12.33	77.23	75.75	1.486	9.73	0.159	26.243	1.6658	0
"2011-04-05	22:00:00"	13.98	176.7	7.759	23.07	11.12	174.3	9.16	18.89	71.51	70.72	0.785	13.86	0.155	26.257	0	0
"2011-04-05	23:00:00"	13.49	187.6	10.22	20.68	10.73	187.3	12.5	18.3	67.75	67.11	0.635	16.83	0.154	26.274	0	0
"2011-04-06	00:00:00"	10.84	193.2	8.8	17.1	8.62	194.9	11.04	15.91	64.38	63.73	0.656	18.84	0.156	26.278	0	0
"2011-04-06	01:00:00"	12.53	198.9	14.52	21.28	9.88	200.3	17.19	19.49	62.71	62.13	0.578	20.98	0.158	26.265	0	0
"2011-04-06	02:00:00"	15.61	202.7	8.39	22.47	12.11	203.7	11.42	18.89	61.5	61.01	0.485	22.77	0.161	26.27	0	0
"2011-04-06	03:00:00"	11.73	198.4	8.93	17.7	9.26	200.2	11.36	15.31	60.03	59.53	0.506	24.74	0.162	26.272	0	0
"2011-04-06	04:00:00"	9.2	200.6	7.529	13.52	7.04	201.4	10	11.14	57.43	56.79	0.643	27.12	0.165	26.265	0	0
"2011-04-06	05:00:00"	9.26	206.9	9.52	14.72	6.757	209.1	12.77	11.14	56.04	55.15	0.896	28.51	0.168	26.259	0	0
"2011-04-06	06:00:00"	9.58	211.3	7.514	13.52	6.948	214.5	10.56	10.54	54.45	53.7	0.751	30.21	0.17	26.26	0	0
"2011-04-06	07:00:00"	8.39	210	7.815	11.74	6.158	211.4	11.25	9.35	52.68	52.14	0.539	31.87	0.17	26.269	0	0
"2011-04-06	08:00:00"	8.35	213.3	7.482	11.74	6.188	217.1	10.44	9.35	52.11	51.52	0.589	32.58	0.172	26.284	6.9346	0
"2011-04-06	09:00:00"	9.43	214.1	7.941	14.72	7.088	216	10.94	12.33	56.59	56.33	0.264	28.87	0.165	26.301	111.32	0
"2011-04-06	10:00:00"	10.13	238.4	14.64	17.1	8.46	241.8	16.56	15.31	64.52	64.85	-0.333	22.25	0.155	26.313	276.63	0
"2011-04-06	11:00:00"	16.96	258.9	12.32	33.21	13.73	261.8	13.59	27.84	77.09	78.38	-1.288	14.4	0.16	26.32	549.81	0
"2011-04-06	12:00:00"	28.93	272.5	9.88	43.35	21.93	274.9	11.89	36.19	82.4	84.1	-1.74	11.04	0.157	26.318	717.04	0
"2011-04-06	13:00:00"	28.27	269	10.37	42.15	21.92	271.6	11.7	36.19	84.6	86.7	-2.065	9.82	0.158	26.31	786.66	0
"2011-04-06	14:00:00"	25.63	269.3	11.41	37.98	20.14	272.2	12.82	32.61	86.4	89	-2.581	9.76	0.158	26.287	923.56	0
"2011-04-06	15:00:00"	21.94	276.9	15.02	37.98	15.92	279.6	16.73	32.61	87.9	90.8	-2.875	9.69	0.16	26.261	901.24	0
"2011-04-06	16:00:00"	21.55	259.5	13.39	36.19	17.68	261.9	14.97	32.61	88.9	91.6	-2.723	9.83	0.162	26.231	841.25	0
"2011-04-06	17:00:00"	18.82	257.7	15.72	30.22	15.67	260.3	17.08	28.43	88.9	91.2	-2.305	9.58	0.162	26.206	692.73	0
"2011-04-06	18:00:00"	18.77	259.1	13.74	33.21	15.35	262.1	14.69	28.43	88.8	90.1	-1.341	9.29	0.159	26.192	332.33	0
"2011-04-06	19:00:00"	15.43	259.3	9.32	24.26	12.39	262.4	11.5	20.68	87.8	88.2	-0.396	9.49	0.156	26.194	155.16	0
"2011-04-06	20:00:00"	14.12	256.8	9.02	21.28	11.45	259.9	10.94	20.68	86.4	86.1	0.367	10.02	0.157	26.2	39.003	0
"2011-04-06	21:00:00"	9.27	265.2	6.884	15.31	6.954	267.7	8.2	13.52	83	81.9	1.106	11.1	0.159	26.207	1.5023	0
"2011-04-06	22:00:00"	7.741	273.1	11.63	12.33	4.524	278.1	18.89	8.75	80.1	78.11	2.027	11.94	0.16	26.213	0	0
"2011-04-06	23:00:00"	7.724	269.2	26.55	12.93	4.656	273.7	34.39	9.35	77.86	75.54	2.329	12.74	0.16	26.228	0	0
"2011-04-07	00:00:00"	10.63	220.3	47.59	27.24	8.36	222.5	51.32	22.47	78.11	77.1	1.011	13.59	0.161	26.25	0	0
"2011-04-07	01:00:00"	9.38	298.9	16.28	20.68	5.212	303.3	18.02	17.7	75.17	72.9	2.272	16.14	0.157	26.251	0	0
"2011-04-07	02:00:00"	8.43	312.9	5.225	10.54	3.733	314.6	8.13	5.771	71.44	68.15	3.284	19.77	0.153	26.245	0	0
"2011-04-07	03:00:00"	6.223	294.8	61.04	9.35	2.992	296.1	63.04	4.578	71.63	65.9	5.727	21.6	0.153	26.248	0	0
"2011-04-07	04:00:00"	6.909	310	66.46	16.51	4.971	327.1	68.72	12.93	69.62	66.59	3.024	24.67	0.152	26.253	0	0
"2011-04-07	05:00:00"	8.63	350.5	12.99	14.12	5.914	347.6	13.61	11.74	66.13	65.01	1.117	33.83	0.154	26.264	0	0
"2011-04-07	06:00:00"	8.7	331.8	11.15	12.93	5.814	332.7	12.93	10.54	65.47	64.66	0.814	35.08	0.154	26.271	0	0
"2011-04-07	07:00:00"	5.843	304	29.69	9.95	3.478	303.3	35	8.16	65.17	63.64	1.538	35	0.154	26.265	0	0
"2011-04-07	08:00:00"	5.592	268.4	15.37	9.35	3.193	275.4	22.1	6.368	66.11	64.16	1.957	33.76	0.154	26.273	3.3634	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-07	09:00:00"	10.63	271	10.4	18.3	7.777	273.5	12.2	16.51	67.11	66.52	0.593	31.22	0.154	26.293	115.32	0
"2011-04-07	10:00:00"	17.93	273.7	10.15	26.65	13.57	275.7	11.84	21.87	69.82	70.75	-0.929	27.25	0.158	26.29	345.94	0
"2011-04-07	11:00:00"	18.25	254.5	10.91	31.42	15.19	257.4	12.6	29.63	72.14	73.65	-1.51	24.44	0.16	26.287	547.7	0
"2011-04-07	12:00:00"	22.87	258.1	12.95	35	18.62	261.3	14.26	29.63	73.82	75.91	-2.084	21.73	0.16	26.279	725.55	0
"2011-04-07	13:00:00"	20.74	250.9	13.06	35	17.57	253.9	14.43	29.03	75.17	77.78	-2.613	20.63	0.161	26.262	850.81	0
"2011-04-07	14:00:00"	20.76	249.8	12.45	33.8	17.75	253.1	14.56	31.42	76.05	78.8	-2.744	19.36	0.159	26.239	917.01	0
"2011-04-07	15:00:00"	22.16	254.7	16.47	37.98	18.24	258.2	18.12	31.42	77.7	80.6	-2.904	17.03	0.16	26.21	890.37	0
"2011-04-07	16:00:00"	24.79	241.9	13.5	39.77	21.18	244.7	15.35	35.59	78.53	81.1	-2.584	14.84	0.16	26.185	831.24	0
"2011-04-07	17:00:00"	25.45	246.7	12.14	39.17	21.43	249.6	14.19	34.4	79.76	81.8	-2.069	13.01	0.16	26.167	700.12	0
"2011-04-07	18:00:00"	24.86	243.4	14.46	39.77	20.74	245.8	16.45	38.57	80.2	81.6	-1.35	12.96	0.16	26.156	517.83	0
"2011-04-07	19:00:00"	24.64	255	9.1	39.77	20.31	258.3	11.28	32.61	80.4	81.1	-0.764	12.79	0.161	26.158	313.27	0
"2011-04-07	20:00:00"	21.44	261.3	7.926	36.78	17.21	264.5	9.64	32.01	79.23	79.2	0.033	13.57	0.16	26.162	116.88	0
"2011-04-07	21:00:00"	12.66	264.5	6.815	23.66	9.98	266.3	9.54	19.49	76.42	75.55	0.868	15.07	0.159	26.175	3.185	0
"2011-04-07	22:00:00"	6.28	290.5	15.38	11.14	3.634	310.6	28.52	6.368	72.62	69.4	3.215	17.09	0.155	26.19	0	0
"2011-04-07	23:00:00"	10.11	322.8	9.92	12.93	4.962	330.4	12.07	6.964	70.5	64.59	5.903	18.6	0.155	26.196	0	0
"2011-04-08	00:00:00"	3.977	24.67	53.72	10.54	3.914	55.17	46.44	5.771	69.19	62.92	6.269	19.21	0.156	26.203	0	0
"2011-04-08	01:00:00"	2.682	74.15	33.18	6.964	3.675	47.36	27.54	5.175	68.81	59.35	9.46	19.54	0.161	26.201	0	0
"2011-04-08	02:00:00"	1	130.1	84.8	1	2.014	95.1	56.5	3.386	68.46	62.47	5.988	19.74	0.157	26.206	0	0
"2011-04-08	03:00:00"	1.947	189.4	18.75	11.14	3.213	185.7	25.65	9.35	66.54	62.29	4.248	20.91	0.156	26.222	0	0
"2011-04-08	04:00:00"	3.588	158.1	10.18	11.74	2.837	155.6	23.3	9.35	64.37	61.72	2.647	22.28	0.157	26.215	0	0
"2011-04-08	05:00:00"	1.246	159.7	15.64	5.175	1.272	26.24	73.12	3.386	64.85	60.83	4.024	21.91	0.159	26.202	0	0
"2011-04-08	06:00:00"	1.195	239.8	71.15	7.561	2.291	337.5	22.11	6.368	65.16	59.53	5.626	21.73	0.16	26.203	0	0
"2011-04-08	07:00:00"	4.912	309.5	6.041	8.16	5.206	329.8	7.376	6.368	64.76	54.43	10.34	22.05	0.164	26.21	0	0
"2011-04-08	08:00:00"	4.577	332.3	10.88	8.16	4.968	357.6	17.52	6.368	64.19	53.11	11.07	22.55	0.168	26.222	11.679	0
"2011-04-08	09:00:00"	3.687	266.2	45.4	6.368	3.271	278.7	48.28	6.368	58.86	57.86	1.002	27.16	0.161	26.239	150.53	0
"2011-04-08	10:00:00"	3.531	262	14.94	8.75	4.015	260	17.06	8.16	67.37	68.29	-0.917	21.72	0.156	26.242	350.92	0
"2011-04-08	11:00:00"	5.568	232.8	24.85	10.54	5.351	233.1	27.64	9.95	72.72	74.24	-1.518	19.94	0.16	26.244	553.06	0
"2011-04-08	12:00:00"	13.03	237.3	15.23	26.05	11.43	239.1	17.6	22.47	76.31	78.39	-2.074	17.91	0.159	26.246	732.63	0
"2011-04-08	13:00:00"	16.7	235	17.03	29.63	14.27	236.8	19.46	24.26	78.01	80.5	-2.462	17.83	0.158	26.238	859.63	0
"2011-04-08	14:00:00"	19.2	221.5	15.09	30.82	15.82	223.1	17.83	26.65	79.39	81.8	-2.418	16.19	0.158	26.22	925.31	0
"2011-04-08	15:00:00"	17.79	222.3	16.5	32.61	14.77	224.3	18.61	26.65	80.9	83.4	-2.564	13.84	0.157	26.202	903.69	0
"2011-04-08	16:00:00"	18.62	220.6	19.38	32.01	15.32	222.2	22.58	26.05	82.5	84.9	-2.4	11.47	0.157	26.181	845.86	0
"2011-04-08	17:00:00"	16.96	219.1	16.08	29.63	14.16	221	18.79	27.24	84	86.3	-2.238	10.22	0.157	26.162	708.11	0
"2011-04-08	18:00:00"	18.98	206.8	14.86	35.59	15.27	208	17.47	33.21	85.6	87.1	-1.472	8.45	0.157	26.143	526.44	0
"2011-04-08	19:00:00"	18.73	221.2	12.62	29.63	15.33	222.9	15.6	24.86	85.5	86.3	-0.805	7.284	0.158	26.145	325.79	0
"2011-04-08	20:00:00"	13.21	214.4	11.58	22.47	10.3	215.7	14.23	18.89	85	84.8	0.129	8.24	0.158	26.148	123.28	0
"2011-04-08	21:00:00"	9.03	201.4	15.57	15.31	6.593	200.6	19.07	12.33	81	79.62	1.348	9.16	0.158	26.151	3.3688	0
"2011-04-08	22:00:00"	6.54	164.5	10.21	10.54	4.014	158.5	13.49	6.964	77.53	75.17	2.369	10.71	0.159	26.156	0	0
"2011-04-08	23:00:00"	6.812	128.9	11.64	10.54	3.536	78.97	27.86	5.771	74.38	68.04	6.348	11.71	0.155	26.161	0	0
"2011-04-09	00:00:00"	10.88	119.1	7.458	18.3	5.683	87.8	22.73	12.93	74.93	66.13	8.8	11.35	0.155	26.162	0	0
"2011-04-09	01:00:00"	15.88	161.4	11.34	26.65	12.25	159.8	12.98	21.87	75.31	74.56	0.755	19.11	0.158	26.167	0	0
"2011-04-09	02:00:00"	9.53	189	15.06	16.51	7.381	189.2	18.81	14.72	73.54	72.64	0.896	26.47	0.158	26.179	0	0
"2011-04-09	03:00:00"	10.76	188.5	9.05	19.49	8.65	187.7	11.49	16.51	71.61	70.85	0.765	30.81	0.156	26.186	0	0
"2011-04-09	04:00:00"	13.49	171.4	7.324	18.3	10.64	168.3	8.49	17.1	69.94	69.25	0.691	35.28	0.155	26.176	0	0
"2011-04-09	05:00:00"	9.87	174.5	7.767	16.51	7.456	174.1	9.85	12.33	66.88	65.98	0.908	40.61	0.154	26.177	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-09	06:00:00"	9.68	173.6	7.664	15.31	7.178	173.7	9.29	11.74	64.86	63.95	0.909	44.51	0.155	26.185	0	0
"2011-04-09	07:00:00"	8.83	174.9	11.18	14.12	6.614	174.5	13.71	11.14	63.74	62.81	0.924	47.25	0.155	26.194	0	0
"2011-04-09	08:00:00"	5.522	189.5	9.54	9.35	4.008	198.2	15.19	6.368	62.27	61.22	1.054	50.45	0.155	26.21	15.954	0
"2011-04-09	09:00:00"	7.216	192	9.91	10.54	5.664	194.3	13.04	8.75	63.26	62.94	0.316	51.55	0.153	26.226	74.591	0
"2011-04-09	10:00:00"	12.25	190.4	9.74	21.28	10.12	190.1	12.36	18.89	67.81	67.91	-0.099	47.54	0.155	26.234	174.37	0
"2011-04-09	11:00:00"	17.46	188.2	10.08	27.24	14.24	187	12.47	21.87	72.81	73.59	-0.786	35.88	0.16	26.23	459.51	0
"2011-04-09	12:00:00"	21.9	205.2	10.64	33.21	17.23	206.2	13.65	27.24	78.7	80.3	-1.642	22.13	0.159	26.23	731.72	0
"2011-04-09	13:00:00"	23.46	203.9	11.98	36.78	18.83	204.8	14.97	30.22	81.5	83.5	-1.969	17.05	0.157	26.211	866.5	0
"2011-04-09	14:00:00"	28.93	211.5	14.62	46.92	23.17	212.7	17.71	39.17	84.8	86.8	-1.966	12.4	0.157	26.175	924.5	0
"2011-04-09	15:00:00"	28.36	208.9	15.69	42.75	22.63	209.7	18.45	37.38	87.2	89.2	-1.999	10.63	0.159	26.145	897.83	0
"2011-04-09	16:00:00"	29.91	218.5	11.44	47.52	23.74	220.9	13.85	39.17	88.6	90.4	-1.752	9.05	0.16	26.119	838.46	0
"2011-04-09	17:00:00"	31.26	214.8	11.42	47.52	24.38	216.9	14.11	40.96	89.1	90.6	-1.474	9.69	0.16	26.095	696.3	0
"2011-04-09	18:00:00"	29.27	212.2	10.75	48.71	22.95	213.6	13.31	37.98	89.2	90.2	-1.001	10.67	0.159	26.082	495	0
"2011-04-09	19:00:00"	28.11	208.8	9.28	42.75	21.91	210.3	12.02	35.59	89.4	89.8	-0.411	10.81	0.158	26.071	268.87	0
"2011-04-09	20:00:00"	24.9	202.3	8.76	39.77	19.67	203.3	11.24	33.21	88.3	88.1	0.203	11.45	0.156	26.064	72.482	0
"2011-04-09	21:00:00"	19.5	190.9	9.12	30.22	15.79	190.1	11.08	24.86	86.4	85.7	0.606	12.01	0.157	26.062	2.0752	0
"2011-04-09	22:00:00"	16.28	218.2	36.18	25.45	13.17	218.6	39.34	21.28	84.2	83.4	0.767	12.1	0.159	26.083	0	0
"2011-04-09	23:00:00"	11.66	205.1	41.24	34.4	9.1	203.1	44.66	27.84	82	81.1	0.819	11.96	0.16	26.141	0	0
"2011-04-10	00:00:00"	16.42	210.4	11.22	23.66	12.67	212.3	13.93	20.68	82.5	81.9	0.571	11.02	0.16	26.173	0	0
"2011-04-10	01:00:00"	13.29	252.9	34.52	20.09	9.52	254.8	34.98	17.1	78.7	78.08	0.62	13.46	0.16	26.189	0	0
"2011-04-10	02:00:00"	12.33	302.9	7.407	18.3	6.424	303.7	10.64	10.54	72.23	71.65	0.582	21.09	0.158	26.203	0	0
"2011-04-10	03:00:00"	12.84	306.4	7.659	18.3	6.946	307.2	10.61	11.74	68.93	68.25	0.675	23.64	0.155	26.209	0	0
"2011-04-10	04:00:00"	12.62	310	7.288	18.3	7.13	310.9	10.39	12.33	65.72	64.94	0.785	26.17	0.154	26.214	0	0
"2011-04-10	05:00:00"	10.67	307.3	5.926	15.91	5.465	309.5	9.55	10.54	62.51	61.26	1.253	28.46	0.156	26.223	0	0
"2011-04-10	06:00:00"	11.3	307.2	6.135	14.72	5.691	308.7	9.7	10.54	60.07	58.75	1.321	30.37	0.16	26.235	0	0
"2011-04-10	07:00:00"	11.6	307.2	6.943	15.31	5.929	307.9	10.05	9.95	58.41	57.36	1.042	31.77	0.162	26.254	0	0
"2011-04-10	08:00:00"	11.4	330.3	20.2	19.49	7.24	329.7	19.7	16.51	55.05	53.86	1.19	33.52	0.167	26.274	10.876	0
"2011-04-10	09:00:00"	15.76	345.5	9	22.47	11.98	342.6	10.82	20.68	52.29	52.52	-0.224	34	0.17	26.297	90.251	0
"2011-04-10	10:00:00"	14.15	348.1	12.15	20.68	11	345.4	14	17.7	53.83	55.18	-1.355	32.21	0.165	26.317	324.95	0
"2011-04-10	11:00:00"	12.76	343.3	15.54	18.89	10.09	341.4	16.7	16.51	58.08	60.37	-2.29	29.01	0.16	26.323	555.58	0
"2011-04-10	12:00:00"	10.98	316	22.07	18.89	8.24	315.9	23.31	17.7	62.6	65.03	-2.435	26.54	0.153	26.328	729.05	0
"2011-04-10	13:00:00"	11.99	291.5	23.78	32.01	8.65	291.2	24.98	24.86	66.35	69.09	-2.738	25.74	0.155	26.314	854.42	0
"2011-04-10	14:00:00"	13.21	268.3	22.33	23.07	10.54	269.7	23.89	20.09	68.25	71.23	-2.98	25.08	0.159	26.295	915.51	0
"2011-04-10	15:00:00"	13.83	271.5	22.4	25.45	10.96	272.3	23.07	21.87	71.05	74.04	-2.993	22.56	0.16	26.272	895.76	0
"2011-04-10	16:00:00"	18.23	246.8	14.88	30.22	15.81	248.7	16.77	27.24	73.82	76.61	-2.79	20.75	0.159	26.254	842.01	0
"2011-04-10	17:00:00"	18.47	252.7	18.64	34.4	15.28	255.5	20.19	29.63	75.14	77.68	-2.546	19.52	0.16	26.229	702.63	0
"2011-04-10	18:00:00"	21.06	257.4	16.25	35.59	16.81	260	18.1	29.63	76.54	78.52	-1.981	16.67	0.16	26.217	516.93	0
"2011-04-10	19:00:00"	25.11	294.1	10.02	35.59	14.8	295.1	12.32	28.43	73.68	74.81	-1.134	19.06	0.159	26.24	305.34	0
"2011-04-10	20:00:00"	25.93	294.1	9.55	37.98	15.06	295.3	11.91	26.05	69.55	69.84	-0.299	20.69	0.157	26.28	112.17	0
"2011-04-10	21:00:00"	21.44	285.1	9.05	33.21	13.91	287	11.57	24.26	66.82	66.53	0.285	20.7	0.154	26.318	3.9394	0
"2011-04-10	22:00:00"	17.57	278.5	8.59	27.84	12.59	280.8	11.21	23.66	64.25	63.82	0.43	22.28	0.156	26.361	0	0
"2011-04-10	23:00:00"	14.12	311.5	15.19	22.47	9.09	311.9	16.18	20.09	61.25	60.61	0.64	17.8	0.158	26.406	0	0
"2011-04-11	00:00:00"	14	316.2	7.293	21.28	8.89	316.6	10.18	15.91	57.13	56.37	0.763	13.33	0.163	26.427	0	0
"2011-04-11	01:00:00"	12.76	309.4	7.742	20.56	7.045	310.2	10.42	14.12	53.46	52.53	0.932	13.98	0.168	26.434	0	0
"2011-04-11	02:00:00"	12.87	306.9	7.606	21.87	6.854	308.2	10.83	15.31	50.81	49.88	0.928	14.78	0.172	26.432	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-11	03:00:00"	13.47	310.8	7.144	22.47	7.687	311.6	10.24	18.3	49.52	48.59	0.929	14.98	0.175	26.437	0
"2011-04-11	04:00:00"	14.93	303.5	8.25	23.07	8.06	304	11.52	16.51	51.07	50.33	0.74	16.63	0.174	26.456	0
"2011-04-11	05:00:00"	14.05	303.9	9.77	21.28	7.74	304.7	12.34	15.31	50.88	50.13	0.749	18.46	0.174	26.49	0
"2011-04-11	06:00:00"	14.45	331.1	10.93	20.68	10.34	330.7	12.47	17.1	49.98	49.28	0.699	20.43	0.176	26.516	0
"2011-04-11	07:00:00"	14.31	354.4	12.92	21.28	10.62	351	13.41	17.7	48.84	48.18	0.651	23.8	0.175	26.539	0
"2011-04-11	08:00:00"	15.35	0.749	12.67	21.28	11.49	355.5	14.28	18.89	48.44	47.93	0.506	29.23	0.175	26.568	18.309
"2011-04-11	09:00:00"	15.3	11.15	10.92	24.26	11.77	8.5	15.6	21.87	50.07	50.36	-0.288	32.58	0.173	26.604	175.68
"2011-04-11	10:00:00"	19.45	20.85	9.59	31.42	15.03	20.12	16.01	26.65	53.21	54.27	-1.063	33.8	0.163	26.624	372.67
"2011-04-11	11:00:00"	19.41	31.08	9.75	29.03	15.42	31.47	13.68	24.86	56.28	57.95	-1.666	30.87	0.16	26.636	572.12
"2011-04-11	12:00:00"	16.67	35.08	13.02	24.26	13.34	34.91	16.43	20.68	59.4	61.61	-2.207	26.44	0.157	26.648	747.19
"2011-04-11	13:00:00"	11.55	18.98	23.81	21.28	9.42	17.34	30.13	17.7	61.37	64.18	-2.803	22.99	0.156	26.653	876.96
"2011-04-11	14:00:00"	10.51	3.605	22.44	23.66	8.66	0.462	26.01	20.09	63.76	66.64	-2.877	19.66	0.156	26.632	939.7
"2011-04-11	15:00:00"	9.87	350.3	35.12	20.09	8.21	348.1	38.54	18.89	65.21	68.05	-2.839	18.27	0.157	26.602	915.17
"2011-04-11	16:00:00"	7.967	3.929	47.82	18.89	6.919	5.255	53.53	16.51	66.64	69.16	-2.52	16.93	0.157	26.586	859.03
"2011-04-11	17:00:00"	7.736	341.5	40.84	18.89	6.427	340.9	46.58	16.51	68.42	70.64	-2.223	15.1	0.159	26.563	722.62
"2011-04-11	18:00:00"	5.685	283.9	85.5	17.7	5.199	283.2	85.2	14.12	68.84	70.57	-1.735	14.5	0.159	26.548	536.92
"2011-04-11	19:00:00"	5.214	53.92	57.94	14.72	4.842	51.95	58.32	13.52	69.46	70.56	-1.103	14.02	0.158	26.54	330.86
"2011-04-11	20:00:00"	4.169	114	33.37	9.95	3.85	110.5	39.31	8.16	69.03	69.35	-0.323	13.49	0.157	26.54	131.55
"2011-04-11	21:00:00"	5.475	89.5	6.145	6.368	3.61	79.23	10.92	5.175	67.33	64	3.327	13.7	0.156	26.552	4.6789
"2011-04-11	22:00:00"	7.533	99.7	6.645	11.14	4.542	88.2	7.045	5.771	65.92	59.46	6.457	14.31	0.158	26.563	0
"2011-04-11	23:00:00"	9.29	104.8	4.099	11.14	4.965	83	7.74	6.368	62.22	54.69	7.528	15.91	0.164	26.573	0
"2011-04-12	00:00:00"	10.6	119.5	6.827	12.93	6.236	109.8	13.06	9.95	58.98	55.45	3.537	18.08	0.164	26.574	0
"2011-04-12	01:00:00"	10	118	6.635	12.93	6.529	109.8	10.08	9.95	56.52	54.78	1.742	20.12	0.163	26.57	0
"2011-04-12	02:00:00"	9.86	124.7	6.057	12.33	6.44	120.3	9.58	9.35	54.87	53.56	1.315	22.05	0.167	26.563	0
"2011-04-12	03:00:00"	10.09	119.5	6.565	12.93	6.756	113.7	9.65	9.35	54.56	53.14	1.419	22.62	0.167	26.546	0
"2011-04-12	04:00:00"	10.06	122.5	6.824	12.93	6.764	117.9	10.29	9.95	53.19	51.94	1.252	23.64	0.17	26.532	0
"2011-04-12	05:00:00"	10.83	126.7	6.809	14.72	7.404	122.5	10.07	11.14	52.58	51.58	1.007	24.53	0.17	26.526	0
"2011-04-12	06:00:00"	11.08	131.3	10.52	15.31	7.83	127.3	14.01	12.93	51.7	51.15	0.55	26.08	0.171	26.527	0
"2011-04-12	07:00:00"	11.98	145.6	6.505	17.1	8.23	144.1	8.56	12.33	51.47	51.5	-0.031	28	0.171	26.531	0
"2011-04-12	08:00:00"	11.86	149.5	7.412	17.1	8.37	147.9	9.63	13.52	51.36	51.27	0.09	29.73	0.172	26.533	17.479
"2011-04-12	09:00:00"	11.65	158.7	8.67	18.3	9.15	156.9	10.01	15.31	53.93	54	-0.063	28.77	0.165	26.539	164.96
"2011-04-12	10:00:00"	18.29	165.3	8.88	29.63	14.56	162.9	9.61	23.66	60.57	61.03	-0.461	25.48	0.157	26.534	356.77
"2011-04-12	11:00:00"	24.96	163.7	8.78	35.59	19.57	161.9	9.86	29.63	64.82	65.82	-1.002	23.15	0.155	26.515	560.88
"2011-04-12	12:00:00"	25.58	163.4	10.34	36.19	20.18	161.6	10.77	29.63	66.9	68.41	-1.51	21.49	0.156	26.503	743.95
"2011-04-12	13:00:00"	23.8	163.7	13.06	35.59	18.97	162.2	13.31	30.82	69.09	70.94	-1.846	19.41	0.158	26.479	810.52
"2011-04-12	14:00:00"	20.67	169.6	11.33	31.42	16.74	167.6	13.01	27.24	71.35	73.49	-2.142	17.43	0.159	26.457	894.08
"2011-04-12	15:00:00"	20.33	171.3	11.98	34.4	16.51	169.4	12.93	27.24	73.55	75.7	-2.15	15.77	0.159	26.408	872.23
"2011-04-12	16:00:00"	18.67	172.7	13.08	33.21	15.13	170.8	14.4	27.84	75.72	77.77	-2.056	14.68	0.16	26.376	817.31
"2011-04-12	17:00:00"	17.19	179.8	15.69	29.63	14.07	178	17.69	25.45	77.02	78.83	-1.804	13.7	0.16	26.343	686.95
"2011-04-12	18:00:00"	16.37	176.4	15.23	26.65	13.4	174.7	17	21.87	77.61	79.05	-1.448	13.94	0.16	26.326	508.44
"2011-04-12	19:00:00"	15.37	176.1	14.31	24.86	12.51	174.4	15.51	21.28	78.12	78.9	-0.783	14.15	0.159	26.318	294.45
"2011-04-12	20:00:00"	15.31	161.8	9.96	21.87	12.05	159.5	10.17	18.3	77.37	77.46	-0.09	14.99	0.159	26.313	103.85
"2011-04-12	21:00:00"	15.17	155.5	7.335	23.07	11.72	154.4	7.901	18.3	73.61	73.38	0.234	17.81	0.158	26.318	3.5014
"2011-04-12	22:00:00"	14.15	153.3	7.678	20.09	10.68	152.6	8.18	17.7	69.89	69.68	0.213	20.63	0.157	26.339	0
"2011-04-12	23:00:00"	12.73	152.3	7.589	18.89	9.45	151.7	8.23	14.72	66.76	66.56	0.195	22.36	0.155	26.352	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-13	00:00:00"	11.5	154.1	7.458	15.91	8.51	152.9	7.976	13.52	64.32	63.98	0.34	23.9	0.157	26.346	0
"2011-04-13	01:00:00"	9.85	156.8	8.01	15.31	7.474	155.6	8.11	11.74	62.03	61.54	0.482	25.82	0.157	26.337	0
"2011-04-13	02:00:00"	7.732	176.2	14.46	11.74	5.603	179.8	20.05	9.35	59.54	58.44	1.105	27.95	0.159	26.336	0
"2011-04-13	03:00:00"	7.41	196.3	7.591	11.14	5.191	205.4	10.18	7.561	58.61	57.3	1.318	29.01	0.16	26.331	0
"2011-04-13	04:00:00"	7.323	197.9	6.931	10.54	4.881	206.7	10.1	7.561	57.73	56.2	1.534	30.13	0.161	26.32	0
"2011-04-13	05:00:00"	6.705	207.7	7.569	8.75	4.451	218.4	10.68	6.964	57.35	55.47	1.882	30.86	0.163	26.314	0
"2011-04-13	06:00:00"	6.985	217	6.684	9.35	4.87	228.2	10.09	7.561	57.31	55.2	2.112	31.24	0.162	26.316	0
"2011-04-13	07:00:00"	8.42	219.4	5.9	11.74	6.018	226.8	8.07	8.75	56.99	55.27	1.717	31.73	0.163	26.322	0
"2011-04-13	08:00:00"	8.47	210.7	7.047	12.33	6.118	215.5	10.02	9.95	55.46	54.31	1.147	33.33	0.165	26.336	19.688
"2011-04-13	09:00:00"	9.74	210.1	7.411	13.52	7.548	213	10.46	11.74	55.86	55.93	-0.075	33.82	0.161	26.352	175.68
"2011-04-13	10:00:00"	11.26	223.1	8.89	15.91	9.34	225.3	11.26	14.12	60.08	60.92	-0.831	30.53	0.158	26.361	356.36
"2011-04-13	11:00:00"	10.09	235.8	13.63	14.72	8.69	238.4	16.1	12.93	65.93	67.37	-1.438	24.95	0.156	26.369	520.62
"2011-04-13	12:00:00"	8.54	282.4	37.65	14.72	6.806	283.6	37.56	13.52	73.75	75.77	-2.025	15.83	0.159	26.369	695.99
"2011-04-13	13:00:00"	7.71	305.1	29.18	14.72	5.747	304.1	32.02	12.93	78.3	80.3	-2.036	10.6	0.158	26.353	721.57
"2011-04-13	14:00:00"	9.75	278.5	25.46	18.89	7.563	279.5	27.52	20.09	80.5	82.8	-2.377	8.67	0.157	26.328	764.72
"2011-04-13	15:00:00"	11.25	251.2	20.74	23.66	9.45	253.7	22.5	20.68	81.4	83.6	-2.13	7.256	0.158	26.307	623.59
"2011-04-13	16:00:00"	14.13	249.6	17.79	26.65	11.92	251.8	19.45	24.86	81.7	83.9	-2.159	6.609	0.157	26.289	650.44
"2011-04-13	17:00:00"	14.81	253.8	15.95	26.65	12.44	255.9	17.99	23.66	81.4	83.3	-1.944	6.757	0.158	26.27	531.91
"2011-04-13	18:00:00"	11.58	243.6	21.61	21.87	9.74	246.2	23.24	18.89	81.6	82.8	-1.179	7.687	0.158	26.253	332.76
"2011-04-13	19:00:00"	13.9	228.4	21.65	25.45	11.47	230.2	24.02	21.87	81.8	82.2	-0.459	7.627	0.16	26.238	178.69
"2011-04-13	20:00:00"	13.81	230.3	16.36	21.28	11.31	232.6	18.05	17.7	80.5	80.3	0.245	7.134	0.161	26.237	70.383
"2011-04-13	21:00:00"	13.78	227.2	7.874	21.87	11.3	229.5	9.89	18.89	77.76	77.09	0.677	7.688	0.159	26.245	9.1123
"2011-04-13	22:00:00"	12.39	230.3	7.823	21.28	10.27	231.8	9.48	16.51	74.39	73.52	0.87	7.769	0.158	26.259	0
"2011-04-13	23:00:00"	8.89	225.4	8.77	13.52	6.775	226.4	10.27	10.54	68.58	67.39	1.193	9.6	0.155	26.271	0
"2011-04-14	00:00:00"	8.12	220	7.142	13.52	5.554	216.2	10.31	11.14	65.46	63.6	1.86	11.65	0.156	26.273	0
"2011-04-14	01:00:00"	9.07	208.1	8.31	13.52	6.3	206.2	11.15	10.54	63.84	62.18	1.657	13.04	0.157	26.263	0
"2011-04-14	02:00:00"	7.484	214.4	18.5	11.74	5.391	217	23.08	9.35	60.59	59.18	1.411	14.33	0.159	26.26	0
"2011-04-14	03:00:00"	9.08	227.2	7.002	12.93	6.725	231.7	9.09	10.54	61.06	59.45	1.605	13.85	0.16	26.252	0
"2011-04-14	04:00:00"	8.71	233.5	11.68	12.93	6.428	236.6	14.8	9.95	59.63	57.79	1.838	14.21	0.162	26.242	0
"2011-04-14	05:00:00"	8.23	236.2	5.74	12.93	6.429	232.3	9.33	9.95	57.96	56.12	1.837	14.3	0.163	26.238	0
"2011-04-14	06:00:00"	9.38	253.7	14.18	18.89	6.712	250.4	18.71	15.31	58.97	56.48	2.488	13.57	0.162	26.239	0
"2011-04-14	07:00:00"	7.601	281.9	24.79	17.1	4.462	291.5	34.63	14.72	58.84	55.11	3.728	14.38	0.165	26.243	0
"2011-04-14	08:00:00"	10.05	285	15.96	14.12	5.014	291.6	23.79	11.14	58.95	53.9	5.05	15.16	0.168	26.252	23.179
"2011-04-14	09:00:00"	11.1	244.5	8.01	17.7	9.39	246.4	10.56	14.72	62.14	61.43	0.718	15.04	0.159	26.257	185.94
"2011-04-14	10:00:00"	19.49	260.7	10.96	39.77	15.3	264	12.45	33.8	67.81	68.36	-0.543	12.45	0.156	26.252	385.22
"2011-04-14	11:00:00"	28.47	269.1	9.96	42.15	21.82	271.9	11.6	32.61	71.55	72.75	-1.194	9.04	0.159	26.251	585.75
"2011-04-14	12:00:00"	28.46	262.8	10.26	42.15	22.78	265	11.98	34.4	72.87	74.5	-1.628	7.947	0.158	26.243	766.23
"2011-04-14	13:00:00"	25.22	262.1	13.29	37.38	20.32	264.4	15.02	33.8	74.53	76.89	-2.356	6.17	0.158	26.225	890.34
"2011-04-14	14:00:00"	23.82	269.3	14.73	38.57	18.28	271.7	16.1	34.4	75.55	78.3	-2.744	5.749	0.158	26.202	945.12
"2011-04-14	15:00:00"	24.56	267.5	14.45	42.15	19.31	270	16.18	35	76.92	79.73	-2.82	6.522	0.16	26.177	912.91
"2011-04-14	16:00:00"	23.53	267.8	15.82	48.12	18.27	270.7	17.21	49.31	78.46	81.2	-2.778	6.296	0.16	26.155	860.22
"2011-04-14	17:00:00"	23.99	286	17.73	37.98	16.32	287.6	18.66	33.21	80.5	82.9	-2.384	4.348	0.159	26.138	724.67
"2011-04-14	18:00:00"	25.6	296.4	13.98	40.36	15.34	297.3	15.92	32.01	79.95	81.6	-1.697	3.119	0.16	26.146	535.81
"2011-04-14	19:00:00"	23.59	310.1	12.92	36.19	14.41	310.8	14.86	28.43	78.52	79.46	-0.934	3.488	0.16	26.156	325.65
"2011-04-14	20:00:00"	21.92	324.9	8.45	32.01	15.32	324.9	10.88	26.05	75.46	75.45	0.008	3.599	0.159	26.175	120.4

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-14	21:00:00"	15.09	325	7.134	24.26	10.41	325.3	10.65	20.09	70.71	69.82	0.89	5.598	0.156	26.199	5.1158	0
"2011-04-14	22:00:00"	10.69	319.1	8.08	14.72	5.764	322.8	11.3	10.54	65.41	62.67	2.74	7.568	0.158	26.233	0	0
"2011-04-14	23:00:00"	11.91	328.1	6.665	18.3	7.165	330.7	9.93	14.12	62.26	59.69	2.571	9.77	0.16	26.261	0	0
"2011-04-15	00:00:00"	13.11	333.1	8.23	21.28	9.64	332.3	10.78	17.7	64.38	63.19	1.19	9.11	0.157	26.28	0	0
"2011-04-15	01:00:00"	15.16	335.5	9.95	23.66	10.89	334.3	12.16	19.49	60.6	59.63	0.966	9.04	0.162	26.302	0	0
"2011-04-15	02:00:00"	16.68	326	8.62	25.45	11.61	326.2	10.85	20.09	59.43	58.62	0.815	7.607	0.162	26.328	0	0
"2011-04-15	03:00:00"	15.5	318.5	8.96	23.66	10.06	318.2	11.39	18.3	57.78	56.95	0.826	8.07	0.161	26.334	0	0
"2011-04-15	04:00:00"	13.67	313.7	7.703	20.68	8.2	314.6	10.56	14.72	55.94	54.92	1.013	9.43	0.165	26.344	0	0
"2011-04-15	05:00:00"	11.26	322.9	18.99	17.1	6.588	323.4	19.52	12.93	53.42	51.89	1.531	10.98	0.169	26.354	0	0
"2011-04-15	06:00:00"	10.1	341.7	9.44	14.12	5.722	340.3	12.45	8.75	50.14	46.94	3.2	12.69	0.172	26.374	0	0
"2011-04-15	07:00:00"	9.48	349.4	13.1	11.74	5.249	349.1	14.11	7.561	48.9	44.48	4.42	13.97	0.167	26.402	0	0
"2011-04-15	08:00:00"	10.09	3.139	14.1	15.31	6.542	359	16.76	11.14	47.64	45.26	2.377	14.85	0.171	26.43	24.533	0
"2011-04-15	09:00:00"	8.15	18.08	15.07	15.31	6.597	16.53	19.03	13.52	49.97	30.68	19.29	21.29	-3.695	26.469	186.34	0
"2011-04-15	10:00:00"	11.56	39.95	13.99	18.89	9.46	40.01	16.22	15.91	53.04	35.48	17.56	36.5	25.24	26.498	386.87	0
"2011-04-15	11:00:00"	13.01	19.17	15.31	19.49	10.49	17.88	20.47	16.51	54.97	56.99	-2.021	36.12	33.21	26.52	587.59	0
"2011-04-15	12:00:00"	10.7	5.476	21.61	19.49	8.75	3.577	26.16	19.49	57.74	60.31	-2.566	29.34	26.04	26.525	766.75	0
"2011-04-15	13:00:00"	10.48	12.51	21.78	18.89	8.65	9.88	25.96	21.28	60.02	62.68	-2.652	23.34	20.4	26.523	891.53	0
"2011-04-15	14:00:00"	8.49	338.5	43.6	17.7	6.845	338	44.57	15.91	62.23	65.02	-2.787	18.72	15.93	26.506	951.06	0
"2011-04-15	15:00:00"	6.762	332.7	63.67	17.7	5.759	328.6	69.45	15.91	63.9	66.32	-2.421	16.58	14.09	26.484	922.84	0
"2011-04-15	16:00:00"	7.367	316.7	63.62	16.51	6.116	312.4	65.62	14.12	66.04	68.39	-2.353	14.62	12.2	26.466	867.75	0
"2011-04-15	17:00:00"	5.897	263.7	67.47	15.91	5.383	265.5	67.84	12.93	67.07	68.86	-1.791	13.67	11.49	26.446	725.75	0
"2011-04-15	18:00:00"	6.038	314.8	63.22	13.52	5.204	312.9	63.47	12.93	68.56	70.47	-1.907	13	10.78	26.432	545.65	0
"2011-04-15	19:00:00"	3.758	225.3	51.73	12.93	4.561	220.5	54.99	11.14	69.11	70.17	-1.062	12.74	10.84	26.422	334.55	0
"2011-04-15	20:00:00"	3.362	122.4	58.55	8.75	3.62	117.3	58.09	8.75	68.78	69.05	-0.274	12.81	11.45	26.416	113.43	0
"2011-04-15	21:00:00"	8.55	128.9	5.88	10.54	5.373	124.1	11.06	8.16	64.89	63.82	1.067	13.98	13.24	26.416	4.7635	0
"2011-04-15	22:00:00"	9.69	129.7	5.573	13.52	5.988	124.1	10.34	9.35	61.34	59.97	1.373	15.17	14.56	26.43	0	0
"2011-04-15	23:00:00"	10.06	137.4	9	13.52	6.332	132.9	13.73	9.35	59.83	58.93	0.895	15.82	14.95	26.445	0	0
"2011-04-16	00:00:00"	10.71	142.6	6.454	14.72	7.203	141	9.71	11.14	58.66	58.69	-0.034	16.31	14.99	26.45	0	0
"2011-04-16	01:00:00"	10.29	142.6	7.15	14.72	7.012	139.8	10.79	11.14	56.26	56.32	-0.06	17.11	15.76	26.45	0	0
"2011-04-16	02:00:00"	9.56	138.2	5.318	12.93	6.58	134.4	11.86	9.35	54.52	54.3	0.215	17.32	16.15	26.453	0	0
"2011-04-16	03:00:00"	9.02	124.2	9.26	12.93	5.815	114.3	14.52	10.54	52.06	50.57	1.49	18.31	17.85	26.448	0	0
"2011-04-16	04:00:00"	11.39	135.3	6.556	15.31	8.18	132.3	11.39	11.74	51.65	51.59	0.059	17.88	16.67	26.441	0	0
"2011-04-16	05:00:00"	9.86	123.6	11.17	14.12	6.885	119.5	14.18	10.54	48.96	48.47	0.489	19.09	18	26.445	0	0
"2011-04-16	06:00:00"	9.43	116.5	12.88	13.52	6.515	110.4	15.92	9.95	45.42	44.67	0.755	21.18	20.35	26.446	0	0
"2011-04-16	07:00:00"	9.07	103.5	10.82	12.93	6.183	95.5	13.78	10.54	43.58	42.59	0.986	21.55	20.85	26.451	0	0
"2011-04-16	08:00:00"	9.01	91.6	9.48	13.52	6.128	83.6	13.37	9.95	40.39	39.65	0.743	24.32	24.41	26.457	21.591	0
"2011-04-16	09:00:00"	14.51	113.4	11.45	23.07	11.34	111.3	14.45	20.68	46.46	46.62	-0.163	19.76	19.15	26.473	160.62	0
"2011-04-16	10:00:00"	17.93	132	10.82	24.86	13.86	131.7	14.15	21.87	51.95	53.33	-1.377	16.43	15.25	26.483	349.92	0
"2011-04-16	11:00:00"	17.3	153.4	11.46	26.05	13.64	153.4	11.98	23.07	57.89	59.41	-1.523	14.04	12.65	26.477	544.03	0
"2011-04-16	12:00:00"	17.43	168.8	11.96	27.24	14.09	166.6	13.09	21.87	63.08	64.68	-1.599	12.79	11.29	26.464	708.23	0
"2011-04-16	13:00:00"	16.09	176.1	13.01	24.86	13.38	174.2	14.41	21.28	66.65	68.64	-1.995	12.05	10.44	26.442	836.22	0
"2011-04-16	14:00:00"	12.79	180.8	18.23	23.07	10.73	179.2	20.57	18.89	70.19	72.42	-2.23	10.72	8.9	26.412	904.18	0
"2011-04-16	15:00:00"	10	190.9	25.1	17.7	8.56	190.6	28.58	15.91	72.9	75.22	-2.316	8.58	6.68	26.381	890.25	0
"2011-04-16	16:00:00"	10.92	179.3	20.81	19.49	9.16	178.7	23.86	17.7	74.85	77.2	-2.352	7.444	5.537	26.35	822.88	0
"2011-04-16	17:00:00"	11.25	187.3	30.32	20.68	9.43	185.9	32.38	18.3	76.9	78.91	-2.012	6.466	4.629	26.318	681.79	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-16	18:00:00"	12.31	193.8	22.74	23.07	10.16	193.8	25.42	20.09	78.23	79.84	-1.613	5.724	3.962	26.295	499.67	0	
"2011-04-16	19:00:00"	12.47	182.1	13.21	20.68	10.3	180.9	15.81	17.1	78.56	79.38	-0.821	6.181	4.558	26.282	290.34	0	
"2011-04-16	20:00:00"	14.33	171.8	10.05	20.68	11.68	169.3	11.05	16.51	77.38	77.35	0.024	8.55	7.042	26.276	92.225	0	
"2011-04-16	21:00:00"	14.48	159.9	7.001	20.09	11.42	158	7.176	16.51	72.75	72.41	0.336	10.74	9.31	26.282	3.9485	0	
"2011-04-16	22:00:00"	13.88	161.1	8.03	20.09	10.85	159.3	8.24	17.7	68.68	68.23	0.448	12.71	11.35	26.297	0	0	
"2011-04-16	23:00:00"	15.81	163.7	7.011	22.47	12.53	161.7	7.697	18.3	66.32	65.88	0.441	14.92	13.58	26.307	0	0	
"2011-04-17	00:00:00"	12.34	168	6.997	17.7	9.92	165.9	7.79	15.31	63.51	62.98	0.534	17.08	15.8	26.305	0	0	
"2011-04-17	01:00:00"	11.44	171.7	7.583	20.68	9.21	169.7	8.55	14.72	62.42	61.74	0.679	20.79	19.58	26.304	0	0	
"2011-04-17	02:00:00"	10.96	178.8	7.457	17.7	8.78	176.6	9.36	15.31	61.62	60.92	0.699	24.85	23.71	26.303	0	0	
"2011-04-17	03:00:00"	7.505	188.6	7.503	11.14	5.472	190.4	9.43	8.16	59.25	58.08	1.167	28.54	27.69	26.291	0	0	
"2011-04-17	04:00:00"	8.17	196.1	7.087	11.14	5.757	201.6	9.85	8.16	56.83	55.66	1.165	31.83	30.96	26.27	0	0	
"2011-04-17	05:00:00"	8.15	196.8	5.667	11.74	5.636	200.1	8.02	8.16	55.21	53.92	1.292	34.69	33.97	26.259	0	0	
"2011-04-17	06:00:00"	9.37	200.7	6.828	11.74	6.663	204.9	9.29	8.75	54.61	53.48	1.137	36.88	36.16	26.252	0	0	
"2011-04-17	07:00:00"	9.05	203.5	5.965	12.33	6.135	209.1	9.15	8.75	53.14	51.99	1.158	40.43	39.66	26.253	0	0	
"2011-04-17	08:00:00"	9.16	207.5	5.451	12.33	6.359	212.1	8.53	8.75	51.47	50.49	0.979	44.45	43.49	26.256	23.831	0	
"2011-04-17	09:00:00"	12.06	204.4	10.41	19.49	9.55	206.9	13.2	17.7	54.15	54.21	-0.062	43.23	41.26	26.269	182.54	0	
"2011-04-17	10:00:00"	14.79	210.6	8.48	19.49	11.77	212.1	11.43	17.1	59.88	60.86	-0.98	36.45	33.99	26.274	384.55	0	
"2011-04-17	11:00:00"	13.54	217.2	10.29	18.89	11.06	219.1	13.19	17.1	65.73	67.4	-1.672	28.46	25.7	26.27	589.91	0	
"2011-04-17	12:00:00"	13.07	245.4	13.77	20.68	11.64	247.7	15.34	20.09	74.38	76.33	-1.941	16.46	14.11	26.267	768.41	0	
"2011-04-17	13:00:00"	11.92	251.4	21.82	21.87	9.97	252.7	23.54	18.3	81.1	83.3	-2.184	9.06	7.014	26.251	793.56	0	
"2011-04-17	14:00:00"	14.62	286.7	18	26.65	10.11	287.6	19.9	19.49	85.2	88	-2.841	8.11	5.938	26.221	913.92	0	
"2011-04-17	15:00:00"	16.47	270.1	20.8	27.84	12.72	272.1	21.97	25.45	85.7	88.1	-2.34	8.24	6.119	26.203	653.09	0	
"2011-04-17	16:00:00"	14.81	279.6	15.11	25.45	10.86	281.3	16.99	20.09	86.7	88.8	-2.109	7.834	5.778	26.179	596.85	0	
"2011-04-17	17:00:00"	15.78	267.3	19.33	27.84	12.25	269.5	21.28	26.65	88	90.2	-2.107	7.203	5.188	26.146	638.34	0	
"2011-04-17	18:00:00"	22.05	259	14.54	35	17.79	261.5	16	30.22	89.3	90.7	-1.463	6.075	4.201	26.125	443.79	0	
"2011-04-17	19:00:00"	20.58	255.3	9.97	33.21	16.78	258.7	12.26	29.03	88.1	88.4	-0.301	6.527	4.828	26.126	185.92	0	
"2011-04-17	20:00:00"	18.94	250.2	8.59	32.61	15.64	252.8	10.78	29.03	88	87.9	0.066	7.516	5.879	26.123	128.42	0	
"2011-04-17	21:00:00"	13.5	241.8	8.67	21.28	11.79	243	10.45	20.09	84.7	84	0.694	8.08	6.619	26.133	4.649	0	
"2011-04-17	22:00:00"	8.67	234.7	10.6	14.72	7.06	233.5	13.26	11.74	79.1	77.93	1.164	9.36	8.08	26.155	0	0	
"2011-04-17	23:00:00"	6.794	224.7	13.08	13.52	5.13	219.9	18.09	11.14	75.12	73.36	1.756	11.08	10.15	26.175	0	0	
"2011-04-18	00:00:00"	7.579	233.2	10.96	12.33	6.021	230.8	14.04	9.95	72.34	70.76	1.585	11.58	10.68	26.183	0	0	
"2011-04-18	01:00:00"	7.433	237.8	8.82	10.54	5.917	234.2	10.96	9.35	70	68.44	1.565	12.39	11.47	26.186	0	0	
"2011-04-18	02:00:00"	8.6	236	13.73	20.68	6.61	231.9	14.91	16.51	69.76	67.88	1.879	12.85	12.06	26.191	0	0	
"2011-04-18	03:00:00"	6.717	236.3	8.01	9.95	5.071	229.2	9.33	7.561	67.23	65.25	1.976	14.08	13.39	26.188	0	0	
"2011-04-18	04:00:00"	8.94	283.5	13.24	15.31	4.373	284.8	18.14	9.95	68.38	65.25	3.134	14.03	13.77	26.191	0	0	
"2011-04-18	05:00:00"	11.45	293.3	6.065	15.91	5.482	295.4	9.49	9.35	67.01	64.89	2.111	15.41	14.83	26.188	0	0	
"2011-04-18	06:00:00"	10.75	297.9	7.271	15.31	5.136	299.3	10.84	9.35	65.61	63.86	1.748	16.9	16.22	26.184	0	0	
"2011-04-18	07:00:00"	9.82	301.7	9.01	14.12	4.533	302.1	12.04	8.75	63.91	61.82	2.085	18.05	17.64	26.189	0	0	
"2011-04-18	08:00:00"	9.07	302.5	7.73	12.33	4.143	302.2	11.36	7.561	61.73	59.92	1.81	19.05	18.59	26.209	29.635	0	
"2011-04-18	09:00:00"	7.69	284	23.33	12.33	5.206	284.5	24.11	8.75	64.31	64.52	-0.21	18.12	16.56	26.234	195.27	0	
"2011-04-18	10:00:00"	11.94	274.1	8.14	20.09	9.42	275.1	10.88	16.51	72.35	73.46	-1.107	14.82	12.9	26.246	396.18	0	
"2011-04-18	11:00:00"	14.15	275.2	11.87	22.47	10.86	277.1	13.3	20.09	78.23	80.1	-1.914	12.8	10.63	26.254	603.4	0	
"2011-04-18	12:00:00"	14.79	273.4	13.05	24.86	11.29	274.3	15.22	22.47	81.6	84	-2.458	11.71	9.43	26.249	782.36	0	
"2011-04-18	13:00:00"	17.54	257.7	14.94	29.63	14.69	260.3	16.75	25.45	83.3	86.1	-2.782	10.23	7.941	26.233	908.13	0	
"2011-04-18	14:00:00"	19.62	257.5	14.88	33.21	16.19	260.8	16.55	30.22	84.9	87.9	-3.053	9.15	6.843	26.205	963.32	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-18	15:00:00"	20.92	246.6	13.15	34.4	18.09	249.2	15.37	32.01	85.8	88.7	-2.927	8.07	5.855	26.182	928.41	0	
"2011-04-18	16:00:00"	23	244.1	13.33	37.98	19.89	247.1	15.44	32.61	86.7	89.5	-2.72	8.21	6.017	26.152	872.91	0	
"2011-04-18	17:00:00"	26.59	241.4	11.38	42.15	23.18	243.8	13.48	37.98	87.2	89.3	-2.138	7.253	5.447	26.121	730.04	0	
"2011-04-18	18:00:00"	26.1	242.9	12.5	40.96	22.28	245.5	14.29	37.98	87.4	88.8	-1.458	6.474	4.726	26.104	547.89	0	
"2011-04-18	19:00:00"	24.48	241.9	10.1	35.59	21.21	244.3	12.23	31.42	87.3	88.1	-0.775	6.325	4.601	26.098	337.95	0	
"2011-04-18	20:00:00"	22.73	237.3	7.881	35	20.06	238.9	9.68	33.8	86	86	0.01	6.506	4.905	26.095	133.51	0	
"2011-04-18	21:00:00"	16.66	237.5	6.674	29.03	14.94	238.6	8.37	24.26	83	82.5	0.5	6.816	5.321	26.107	6.6306	0	
"2011-04-18	22:00:00"	11.75	235.6	6.379	17.7	10.23	236.4	7.648	16.51	79.2	78.43	0.77	7.431	6.042	26.127	0	0	
"2011-04-18	23:00:00"	8.25	223.9	8.53	12.93	6.047	221	11.85	9.95	74.67	73.11	1.561	8.44	7.454	26.143	0	0	
"2011-04-19	00:00:00"	8.14	230.8	8.35	12.33	6.287	229.1	9.9	9.35	71.48	69.86	1.624	9.17	8.28	26.142	0	0	
"2011-04-19	01:00:00"	8.57	247.6	7.683	14.72	7.988	249.7	10.62	12.93	70.87	69.28	1.589	9.54	8.55	26.14	0	0	
"2011-04-19	02:00:00"	7.904	241.8	9.77	13.52	6.328	241.2	13.06	11.74	68.32	66.87	1.451	10.57	9.62	26.14	0	0	
"2011-04-19	03:00:00"	8.17	202.8	18.57	12.93	5.94	200.6	19.22	10.54	63.23	61.7	1.536	12.67	12.16	26.146	0	0	
"2011-04-19	04:00:00"	9.89	214.3	12.02	15.31	7.442	214.4	14.82	12.93	61.9	60.71	1.196	13.47	12.54	26.153	0	0	
"2011-04-19	05:00:00"	8.31	224	13.23	12.33	6.403	224.6	14.47	9.95	60.76	59.7	1.061	14.79	13.77	26.157	0	0	
"2011-04-19	06:00:00"	7.195	236.2	11.05	11.74	5.4	231.9	14.57	8.75	61.28	59.77	1.505	15.9	15.04	26.16	0	0	
"2011-04-19	07:00:00"	6.786	235.6	22.55	11.14	4.63	229.3	28.47	7.561	60.31	57.54	2.775	17.25	16.86	26.171	0	0	
"2011-04-19	08:00:00"	8.47	237.2	17.99	14.12	6.005	240.6	23.33	9.95	62.6	60.29	2.309	17.77	17.53	26.186	32.811	0	
"2011-04-19	09:00:00"	6.688	221.5	10.56	11.74	5.298	222.4	12.45	9.35	63.35	62.87	0.48	18.72	18.12	26.204	168.65	0	
"2011-04-19	10:00:00"	14.89	263	11.91	29.03	11.64	265.7	13.79	25.45	72.59	73.38	-0.783	15.34	13.61	26.22	399.52	0	
"2011-04-19	11:00:00"	20.37	269.6	10.13	29.03	15.81	272.6	11.36	25.45	77.49	79.14	-1.651	13.64	11.52	26.227	599.2	0	
"2011-04-19	12:00:00"	19.08	288.2	15.53	29.63	12.84	289.3	16.67	23.66	80.3	82.6	-2.318	12.72	10.41	26.239	771.25	0	
"2011-04-19	13:00:00"	15.35	289.7	15.53	24.86	10.52	290.7	17.61	20.68	81.7	84.6	-2.861	11.95	9.54	26.244	894.95	0	
"2011-04-19	14:00:00"	15.69	276	20.14	29.63	11.86	277.7	23.96	22.47	82.6	85.7	-3.104	11.4	8.94	26.234	961.15	0	
"2011-04-19	15:00:00"	14.12	287.7	30.04	27.84	10.25	288.2	31.75	23.07	83.8	86.9	-3.048	11.16	8.73	26.228	925.4	0	
"2011-04-19	16:00:00"	11.72	278.3	32.23	26.65	9.05	280	35.18	20.68	84.5	87.2	-2.766	11.67	9.3	26.215	863.4	0	
"2011-04-19	17:00:00"	10.46	287.6	35.5	21.87	8.12	289.1	36.39	18.89	85.7	88	-2.309	10.99	8.84	26.197	725.5	0	
"2011-04-19	18:00:00"	9.49	272.1	34.5	20.68	7.501	273	34.16	18.3	86.5	88.4	-1.95	11.06	8.98	26.186	544.12	0	
"2011-04-19	19:00:00"	10.22	245.8	33.51	20.09	8.42	247.1	34.92	17.1	86.3	87.4	-1.153	10.72	8.91	26.183	332.64	0	
"2011-04-19	20:00:00"	10.74	242.8	15.57	20.68	8.91	245.1	17.17	15.91	85.6	85.6	-0.044	9.85	8.45	26.196	126.97	0	
"2011-04-19	21:00:00"	6.871	265.7	8.58	11.14	4.735	268.1	13.66	8.16	82.5	80.9	1.631	11.25	10.13	26.216	3.684	0	
"2011-04-19	22:00:00"	2.63	230.7	50.41	7.561	1.871	244.1	92.2	6.368	78.77	76.07	2.702	12.87	12.57	26.238	0	0	
"2011-04-19	23:00:00"	1	212.9	28.54	1.596	2.562	201.5	45.54	5.175	76.85	74.18	2.672	13.34	13.18	26.265	0	0	
"2011-04-20	00:00:00"	6.471	229.3	14.19	10.54	4.736	227.4	18.68	7.561	72.52	69.73	2.798	14.79	15.48	26.28	0	0	
"2011-04-20	01:00:00"	7.579	260.5	17.05	11.14	4.461	272.3	24.52	6.368	72.18	68.52	3.664	14.7	15.12	26.284	0	0	
"2011-04-20	02:00:00"	7.725	268.6	10.51	11.14	4.681	278.8	20.72	7.561	72.68	68.88	3.797	13.88	14.34	26.286	0	0	
"2011-04-20	03:00:00"	5.668	270.2	20.92	9.35	3.192	297.1	54.77	5.771	71.08	66.18	4.904	14.33	15.66	26.285	0	0	
"2011-04-20	04:00:00"	6.533	239.7	17.28	9.35	4.385	241	24.23	7.561	65.59	62.94	2.643	17.16	17.74	26.296	0	0	
"2011-04-20	05:00:00"	7.205	252.2	11.81	12.93	4.597	256.7	14.52	9.95	67.65	64.4	3.255	15.25	15.74	26.301	0	0	
"2011-04-20	06:00:00"	7.313	261.4	9.75	11.14	4.63	266	14.85	8.16	68.65	65.56	3.093	14.3	14.46	26.296	0	0	
"2011-04-20	07:00:00"	4.336	204.5	32.37	9.95	3.184	185.5	79.77	7.561	67.68	64.12	3.554	14.41	15.19	26.302	0	0	
"2011-04-20	08:00:00"	10.83	61.18	44.38	19.49	8.3	59.14	20.83	17.1	60.31	59.18	1.13	30.61	30.27	26.339	18.419	0	
"2011-04-20	09:00:00"	14.73	75.2	8.28	21.87	11.44	74.05	11.78	17.7	56.96	57.38	-0.421	48.84	46.59	26.367	189.24	0	
"2011-04-20	10:00:00"	15.53	77.92	8.95	21.28	12.1	77.24	12.03	18.3	59.77	60.86	-1.091	49.76	46.63	26.384	392.44	0	
"2011-04-20	11:00:00"	12.88	78.02	13.08	19.49	10.4	77.3	15.97	17.1	62.81	64.38	-1.565	45.02	41.53	26.406	590.2	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-20	12:00:00"	10.73	69.05	16.16	17.1	8.86	67.55	18.99	15.91	67.39	69.36	-1.966	38.08	35.14	26.412	762.03	0
"2011-04-20	13:00:00"	10.1	57.69	21.75	19.49	8.49	58.11	24.89	14.72	71.25	73.47	-2.215	32.13	29.24	26.417	877.89	0
"2011-04-20	14:00:00"	8.66	84.5	27.03	15.31	7.413	85.9	28.49	14.12	75.05	77.17	-2.122	26.8	24.17	26.403	929.13	0
"2011-04-20	15:00:00"	8.27	55.7	27.69	16.51	7.008	56.86	31.73	16.51	77.83	80.3	-2.497	24.08	21.22	26.386	907.35	0
"2011-04-20	16:00:00"	10.31	69.84	23.53	19.49	8.63	69.36	25.53	18.89	80.3	82.7	-2.393	21.73	19.31	26.367	848.6	0
"2011-04-20	17:00:00"	10.26	80.3	22.76	20.68	8.55	80.4	25.26	15.91	81.5	83.3	-1.773	20.21	18.06	26.346	707.48	0
"2011-04-20	18:00:00"	11.91	72.64	18.46	24.86	9.76	71.45	21.28	20.09	82.2	83.8	-1.598	20.03	17.88	26.325	524.43	0
"2011-04-20	19:00:00"	14.01	73.2	11.89	21.28	11.09	72.36	13.94	17.7	81.8	82.9	-1.11	20.25	18.06	26.314	323	0
"2011-04-20	20:00:00"	16.01	79.7	8.35	24.26	12.47	78.73	10.31	20.09	79.25	79.52	-0.265	22.69	20.85	26.32	119.68	0
"2011-04-20	21:00:00"	19.28	85.7	7.954	31.42	14.72	84.2	10.09	24.86	74.5	74.33	0.175	26.88	25.34	26.345	5.1861	0
"2011-04-20	22:00:00"	21.57	91.3	7.304	32.01	16.66	90.2	8.73	26.65	69.3	69.2	0.096	32.97	31.43	26.37	0	0
"2011-04-20	23:00:00"	15.86	87	7.667	26.05	12.13	85.7	9.3	20.09	65.21	65.08	0.136	39.06	37.49	26.392	0	0
"2011-04-21	00:00:00"	14.46	86.7	7.373	23.07	11.15	84.8	9.34	18.89	61.82	61.69	0.124	44.98	43.18	26.396	0	0
"2011-04-21	01:00:00"	10.88	82.2	9.6	21.28	8.39	80.1	11.52	17.7	59.1	58.97	0.139	50.73	49	26.404	0	0
"2011-04-21	02:00:00"	8.43	67.12	9.57	13.52	6.357	64.69	11.5	10.54	56.81	56.61	0.206	56.2	54.61	26.414	0	0
"2011-04-21	03:00:00"	7.554	62.16	8.86	10.54	5.84	60.34	10.63	9.35	55.02	54.95	0.072	60.32	58.55	26.408	0	0
"2011-04-21	04:00:00"	10.3	65.43	8.6	15.31	8.18	64.39	10.49	12.93	54.79	54.96	-0.169	61.68	59.52	26.393	0	0
"2011-04-21	05:00:00"	11.29	73.87	8.51	15.91	8.76	72.57	10.69	13.52	54.05	54.06	-0.014	63.97	62.12	26.373	0	0
"2011-04-21	06:00:00"	10.68	70.86	8.77	15.91	8.43	68.92	11.07	13.52	54.04	54.19	-0.145	64.51	62.49	26.359	0	0
"2011-04-21	07:00:00"	10.52	77.24	8.02	14.72	8.25	75.99	10.37	12.33	54.71	54.86	-0.149	63.91	61.85	26.358	0.00038	0
"2011-04-21	08:00:00"	7.856	74.67	8.68	13.52	5.965	74.05	12.64	10.54	54.12	54.15	-0.027	65.73	64.25	26.362	28.014	0
"2011-04-21	09:00:00"	6.815	103.3	23.48	11.14	5.697	103.4	25.64	9.95	56.75	57.32	-0.578	67.83	65.34	26.371	115.81	0
"2011-04-21	10:00:00"	6.914	161	25.25	11.14	5.791	161.8	27.1	9.95	61.18	62.24	-1.063	70.62	66.93	26.371	178.47	0
"2011-04-21	11:00:00"	9.24	181.5	15.68	16.51	7.863	180	18.53	15.91	66.46	67.77	-1.305	68.52	64.48	26.366	435.67	0
"2011-04-21	12:00:00"	10.94	202.6	21.12	20.68	9.26	202.8	25.61	17.1	71.66	73.76	-2.102	62.12	56.76	26.356	727.65	0
"2011-04-21	13:00:00"	8.9	222.1	18	15.91	7.805	224.4	21.08	14.12	75.84	78.14	-2.302	49.14	44.03	26.342	730.81	0
"2011-04-21	14:00:00"	8.44	236.4	31.75	15.31	7.237	238.5	36.3	12.93	80.2	82.7	-2.468	33.99	30.32	26.316	836.63	0
"2011-04-21	15:00:00"	11.36	242.3	31.63	22.47	9.67	244.4	33.28	20.09	84.6	86.8	-2.21	18.57	15.92	26.286	708.38	0
"2011-04-21	16:00:00"	12.56	218.8	20.91	27.84	10.84	219.8	23.39	23.07	87.1	89.5	-2.337	13.79	11.42	26.255	798.46	0
"2011-04-21	17:00:00"	19.91	220.1	14.22	35.59	16.27	221.9	16.7	29.63	88.6	90.5	-1.849	10.92	8.87	26.219	570.75	0
"2011-04-21	18:00:00"	21.89	238.5	14.62	35.59	18.4	240.9	16.81	30.22	89.4	90.9	-1.531	10.02	8.09	26.196	543.04	0
"2011-04-21	19:00:00"	19.46	239.4	11.09	34.4	17.03	241.3	12.6	29.63	89.9	90.7	-0.816	8.96	7.138	26.182	342.04	0
"2011-04-21	20:00:00"	17.61	239	8.84	29.63	15.45	240.9	10.75	28.43	89	89	0.011	9.07	7.444	26.18	146.89	0
"2011-04-21	21:00:00"	13.98	245.4	7.469	21.28	11.95	246.5	9.65	18.3	85.8	85.1	0.734	9.65	8.25	26.189	8.5909	0
"2011-04-21	22:00:00"	12.81	245.7	7.768	20.09	10.72	247.3	10.13	15.91	81.7	80.7	1.016	10.14	8.87	26.203	0	0
"2011-04-21	23:00:00"	12.81	203.4	17.4	27.24	10	203.7	18.68	22.47	76.61	75.68	0.926	19	17.61	26.222	0	0
"2011-04-22	00:00:00"	16.61	202.7	9.43	29.63	13.02	203.9	12.22	24.26	74.91	74.54	0.376	54.96	53.46	26.226	0	0
"2011-04-22	01:00:00"	11.3	196.2	9.85	16.51	8.83	196.5	11.96	14.12	71.32	70.85	0.468	62.85	61.75	26.232	0	0
"2011-04-22	02:00:00"	8.55	190.3	7.612	11.74	6.531	192.3	10.13	9.95	67.65	66.99	0.66	66.44	65.81	26.238	0	0
"2011-04-22	03:00:00"	6.994	200.8	10.43	9.95	5.03	202.5	14.16	8.16	65.59	64.78	0.804	68.56	68.12	26.242	0	0
"2011-04-22	04:00:00"	6.535	192.5	13.55	10.54	4.774	193.9	18.4	7.561	64.22	63.29	0.927	71.17	70.88	26.236	0	0
"2011-04-22	05:00:00"	6.881	218.8	11.61	11.74	5.125	225.5	14.51	8.75	63.79	62.79	0.991	73.86	73.53	26.241	0	0
"2011-04-22	06:00:00"	6.917	206.8	21.61	12.33	4.967	210.2	27.18	10.54	61.85	60.92	0.937	78.49	78.11	26.238	0	0
"2011-04-22	07:00:00"	8.27	208.1	42.68	17.7	6.187	209	47.75	15.31	62.7	61.81	0.888	80.2	80.3	26.245	0.06861	0
"2011-04-22	08:00:00"	10.98	188.3	8.53	18.89	8.79	188.7	10.97	15.91	62.38	62.01	0.376	82.6	82.3	26.258	45.652	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-22	09:00:00"	10.7	197.8	8.75	15.31	8.8	199	11.14	13.52	64.4	64.63	-0.229	74.25	72.91	26.267	221.77	0	
"2011-04-22	10:00:00"	13.58	212.9	9.46	25.45	10.7	215.1	12.29	20.68	71.33	72.16	-0.825	40.11	38.09	26.267	427.28	0	
"2011-04-22	11:00:00"	23.66	253.2	16.29	36.78	19.02	255.5	18.2	30.82	79.33	80.7	-1.416	16.31	14.38	26.266	630.35	0	
"2011-04-22	12:00:00"	23.33	260.3	12.52	34.4	18.77	262.6	14.2	31.42	81.2	83.4	-2.252	12.67	10.47	26.264	801.68	0	
"2011-04-22	13:00:00"	21.93	266.8	13.52	37.98	17.1	269.3	15.48	30.22	83.2	85.9	-2.679	10.37	8.13	26.252	916.02	0	
"2011-04-22	14:00:00"	19.51	256.3	17.21	29.03	15.97	258.7	18.92	25.45	84.7	87.7	-2.99	8.17	6.035	26.23	973.25	0	
"2011-04-22	15:00:00"	19.93	253.6	15.5	32.01	16.63	255.9	16.61	29.63	86.1	89.1	-3.028	7.057	4.947	26.211	939.45	0	
"2011-04-22	16:00:00"	18.79	249.6	21	33.21	15.49	251.4	22.43	28.43	87.2	90	-2.789	7.866	5.769	26.189	874.28	0	
"2011-04-22	17:00:00"	19.87	241.8	15.33	33.21	16.95	243.4	16.75	26.65	87.9	90.3	-2.396	8.55	6.443	26.166	729.32	0	
"2011-04-22	18:00:00"	19.38	253.3	13.7	33.8	16.05	256	15.7	27.24	88.6	90.4	-1.838	8.56	6.518	26.15	540.77	0	
"2011-04-22	19:00:00"	21.38	239.2	12.28	32.01	18.45	241.4	13.87	30.22	88.1	89.1	-0.923	8.22	6.377	26.148	334.4	0	
"2011-04-22	20:00:00"	19.89	232.4	8.65	31.42	17.03	234.3	10.28	26.05	86.8	86.9	-0.049	8.45	6.829	26.152	137.03	0	
"2011-04-22	21:00:00"	16.04	228.9	7.059	27.84	13.2	231.1	8.83	24.86	83.7	83.1	0.631	9.43	8.03	26.166	6.7714	0	
"2011-04-22	22:00:00"	10.83	241.9	11.26	15.31	8.93	243.7	13.4	13.52	80.1	79.13	0.952	10.82	9.53	26.191	0	0	
"2011-04-22	23:00:00"	9.79	253.5	7.514	15.31	7.48	256.6	9.54	12.33	77.55	76.09	1.46	11.78	10.69	26.204	0	0	
"2011-04-23	00:00:00"	8.63	260.2	14.06	16.51	6.454	262.4	16.52	14.12	75.51	73.7	1.81	12.61	11.72	26.202	0	0	
"2011-04-23	01:00:00"	4.362	225.2	22.14	12.33	3.927	215.8	26.64	9.95	70.5	68.56	1.946	14.64	14.34	26.204	0	0	
"2011-04-23	02:00:00"	6.412	231.8	10.84	8.75	4.516	229.3	13.82	6.964	68.17	66.18	1.989	15.5	15.13	26.206	0	0	
"2011-04-23	03:00:00"	4.935	198.3	23.56	16.51	4.56	202	26.09	14.12	66.73	65.08	1.651	22.51	20.45	26.21	0	0	
"2011-04-23	04:00:00"	5.496	218	7.853	9.35	4.151	220.2	10.82	6.964	64.5	63.03	1.475	44.16	38.93	26.213	0	0	
"2011-04-23	05:00:00"	5.184	223.5	14.94	8.75	3.956	222.4	23.1	6.368	62.88	61.63	1.254	61.85	56.83	26.217	0	0	
"2011-04-23	06:00:00"	6.185	211.8	10.01	9.35	4.247	209.8	14.41	6.368	61.69	60.24	1.454	78.99	75.42	26.22	0	0	
"2011-04-23	07:00:00"	6.393	233.9	32.62	13.52	4.005	233.3	40.24	10.54	63.41	60.67	2.736	67.48	71.38	26.224	0.17309	0	
"2011-04-23	08:00:00"	4.989	210	23.21	11.14	3.809	217.5	37.03	8.75	65.33	62.67	2.66	40.08	45.21	26.25	36.965	0	
"2011-04-23	09:00:00"	4.9	243.4	32.09	7.561	3.747	248.7	37.97	5.175	64.53	63.61	0.913	35.07	36.83	26.263	109.47	0	
"2011-04-23	10:00:00"	2.103	193.2	29.75	9.35	3.283	191.4	29.03	9.35	66.73	67.22	-0.49	35.47	33.77	26.274	369.27	0	
"2011-04-23	11:00:00"	7.331	247.4	15.22	15.31	6.684	248.8	17.05	14.12	76.81	78.3	-1.49	17.99	15.89	26.272	570.47	0	
"2011-04-23	12:00:00"	12.65	255.8	24.43	24.26	10.41	257.8	26.32	20.68	82.5	84.9	-2.361	13.38	11.08	26.263	800.88	0	
"2011-04-23	13:00:00"	15.12	259.3	17.69	29.03	12.31	261.7	18.94	21.87	83.9	86.7	-2.852	12.44	9.98	26.258	916.43	0	
"2011-04-23	14:00:00"	13.85	260.2	23.1	32.01	11.29	262.2	25.08	35.59	84.5	87.6	-3.037	11.68	9.21	26.245	969.77	0	
"2011-04-23	15:00:00"	13.16	254.9	25.99	23.66	10.85	256.3	30.56	25.45	85.2	88.1	-2.942	11.42	8.99	26.232	933.69	0	
"2011-04-23	16:00:00"	10.22	253	33.64	24.26	8.52	252.6	37.9	21.28	86.4	89.1	-2.687	10.81	8.47	26.216	881.01	0	
"2011-04-23	17:00:00"	10.27	236.6	43.28	19.49	8.68	238.1	46.17	17.7	87.1	89.2	-2.022	9.47	7.355	26.193	594	0	
"2011-04-23	18:00:00"	10.01	240.1	25.82	20.68	8.96	242.1	26.76	19.49	87.4	89	-1.61	8.82	6.828	26.187	469.3	0	
"2011-04-23	19:00:00"	13.71	233.7	15.74	23.66	11.64	235.2	18.88	20.68	87.4	88.2	-0.828	8.2	6.393	26.187	238.09	0	
"2011-04-23	20:00:00"	9.98	238.3	66.48	20.09	8.52	244.2	65.17	17.7	84.7	84.8	-0.047	11.73	10.02	26.196	69.098	0	
"2011-04-23	21:00:00"	10.51	66.92	15.65	19.49	8.17	65.6	18.27	15.31	77.26	77.02	0.244	22.4	20.84	26.22	7.2017	0	
"2011-04-23	22:00:00"	13.14	77.43	7.213	21.28	9.94	76.4	9.62	17.1	73.26	73.05	0.205	23.95	22.4	26.252	0	0	
"2011-04-23	23:00:00"	10.6	64.89	21.07	18.89	8.31	63.7	22.45	14.72	70.28	70.11	0.177	26.39	24.87	26.279	0	0	
"2011-04-24	00:00:00"	12.25	79.23	8.51	20.09	9.34	77.56	10.41	15.91	67.56	67.41	0.156	29.18	27.64	26.278	0	0	
"2011-04-24	01:00:00"	13.23	67.72	7.493	21.28	9.97	65.92	9.88	15.91	63.57	63.29	0.276	33.25	31.85	26.284	0	0	
"2011-04-24	02:00:00"	13.84	56.38	9.17	20.09	10.58	55.92	10.77	17.1	60.34	60.1	0.242	36.92	35.53	26.292	0	0	
"2011-04-24	03:00:00"	13.5	59.34	8.33	19.49	10.38	58.1	10.4	17.1	57.32	57.11	0.204	41.32	39.73	26.282	0	0	
"2011-04-24	04:00:00"	13.81	50.77	9.3	19.49	10.75	49.86	11.06	17.1	55.07	54.91	0.165	46.58	44.86	26.269	0	0	
"2011-04-24	05:00:00"	12.29	44.71	8.16	17.1	9.64	44.29	10.18	14.72	52.64	52.49	0.145	50.05	48.37	26.269	0	0	

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-24	06:00:00"	12.25	43.81	9.88	18.3	9.48	43.61	11.63	15.31	50.94	50.76	0.184	51.76	50.22	26.271	0
"2011-04-24	07:00:00"	11	43.15	12.08	17.1	8.48	43.58	14.2	14.72	50.05	49.9	0.156	51.36	49.82	26.271	0.07871
"2011-04-24	08:00:00"	11.16	19.62	13.95	17.7	8.53	17.77	19.67	15.91	49.53	49.66	-0.134	50.86	48.88	26.289	49.981
"2011-04-24	09:00:00"	10.49	23.47	8.9	15.31	8.35	22.97	15.16	12.93	53.06	54.04	-0.976	46.52	43.22	26.304	216.12
"2011-04-24	10:00:00"	9.07	16.78	11.58	13.52	7.436	14.64	17.83	12.33	56.85	58.81	-1.95	44.32	39.72	26.313	426.5
"2011-04-24	11:00:00"	5.787	24.16	20.48	11.14	5.16	25.03	26.03	9.35	60.79	62.81	-2.019	43.83	39.21	26.317	519.87
"2011-04-24	12:00:00"	2.567	251.7	92.2	8.16	3.562	215.4	93.8	7.561	64.92	66.36	-1.436	40.49	37.21	26.312	750.28
"2011-04-24	13:00:00"	5.918	242	53.17	15.91	5.478	243.6	56.75	14.12	71.43	73.57	-2.148	30.79	27.58	26.296	906.35
"2011-04-24	14:00:00"	13.43	261.2	26.6	29.03	10.89	262.6	28.37	26.65	77.27	80.3	-3.012	20.39	17.23	26.266	954.62
"2011-04-24	15:00:00"	13.11	230.7	22.89	27.24	11.05	232.7	25.69	24.26	79.56	82.4	-2.864	18.13	15.2	26.237	916.74
"2011-04-24	16:00:00"	21.53	245.3	15.73	40.36	18.2	247.3	18.19	29.63	82.1	84.8	-2.709	13.32	10.72	26.203	849.07
"2011-04-24	17:00:00"	25.04	238.9	15	42.75	21.08	241.4	16.06	36.19	83.9	86	-2.131	11.84	9.51	26.166	706.56
"2011-04-24	18:00:00"	25.76	242.3	11.69	42.15	22.12	244.6	13.56	37.38	83.9	85.5	-1.584	10.61	8.51	26.148	527.92
"2011-04-24	19:00:00"	24.86	238.2	10.75	38.57	21.5	240.5	12.38	32.61	83.1	84	-0.881	9.95	8.06	26.147	321.89
"2011-04-24	20:00:00"	23.3	235.5	9.2	36.19	20.13	237.6	10.71	31.42	81.5	81.6	-0.123	10.71	9.04	26.147	112.26
"2011-04-24	21:00:00"	15.68	243.4	7.704	29.03	13.67	244.4	9.48	24.86	79.03	78.6	0.429	11.21	9.74	26.163	4.7915
"2011-04-24	22:00:00"	7.199	243.1	6.445	11.74	5.972	243.5	7.631	9.95	75.55	74.55	0.991	12.37	11.14	26.178	0
"2011-04-24	23:00:00"	4.324	242.2	13.12	8.16	3.225	245.9	17.1	5.771	72.86	71.33	1.528	13.34	12.36	26.188	0
"2011-04-25	00:00:00"	5.008	266.5	11.99	7.561	2.866	280.4	20.51	5.175	71.44	67.3	4.145	13.98	14.29	26.182	0
"2011-04-25	01:00:00"	7.462	225	18.52	11.74	5.383	222.2	19.65	9.35	68	65.81	2.193	15.78	15.42	26.183	0
"2011-04-25	02:00:00"	5.168	203.1	21.44	8.75	3.763	207.4	32.97	6.368	65.5	63.54	1.953	16.93	16.68	26.189	0
"2011-04-25	03:00:00"	7.999	224.3	13.64	14.12	6.073	226.4	19.27	9.95	64.31	62.84	1.461	17.62	16.92	26.187	0
"2011-04-25	04:00:00"	8.44	227.4	7.57	12.33	6.325	230.9	10.3	9.95	61.4	60.13	1.269	19.17	18.38	26.179	0
"2011-04-25	05:00:00"	6.913	248.1	11.69	10.54	4.906	241.7	12.64	7.561	61.11	59.26	1.845	19.93	19.28	26.179	0
"2011-04-25	06:00:00"	11.45	263.3	10.99	18.89	8.25	262.2	14.9	17.1	66.02	63.97	2.05	18.41	17.91	26.18	0
"2011-04-25	07:00:00"	15.32	261.4	11.41	32.61	11.73	263.1	13.82	26.05	67.17	65.89	1.276	18.62	17.72	26.176	0.12696
"2011-04-25	08:00:00"	16.9	256.3	9.27	26.65	13.54	259.6	11.21	24.26	67.04	66.31	0.728	20.56	19.41	26.19	45.854
"2011-04-25	09:00:00"	17.25	272.3	26.58	26.05	12.94	274.5	25.97	21.87	67.83	67.99	-0.156	21.86	20.24	26.202	215.36
"2011-04-25	10:00:00"	14.98	310.2	10.6	24.26	9.31	310.7	13.78	18.89	68.27	69.59	-1.316	20.33	18.11	26.214	411.15
"2011-04-25	11:00:00"	19.64	291	11.16	30.22	12.36	292	13.49	23.07	71.01	72.8	-1.792	18.44	16.06	26.21	590.99
"2011-04-25	12:00:00"	15.3	298.5	19.3	25.45	10.33	298.5	21.14	21.87	71.96	74.47	-2.515	16.84	14.23	26.21	747.9
"2011-04-25	13:00:00"	16.45	283.9	18.15	31.42	11.67	284.9	20.33	25.45	73.12	76.07	-2.948	15.5	12.79	26.195	886.42
"2011-04-25	14:00:00"	20.46	284.2	17.38	36.19	13.96	286	18.83	24.86	75.3	78.47	-3.171	12.56	9.98	26.173	930.34
"2011-04-25	15:00:00"	21.98	287.9	11.97	39.77	14.28	289.6	14.67	26.05	76.87	80.1	-3.187	11.68	9.15	26.16	922.64
"2011-04-25	16:00:00"	21.86	284.4	14.1	36.19	14.94	286.1	16.03	29.03	78.13	81.1	-2.944	11.09	8.65	26.14	867.85
"2011-04-25	17:00:00"	20.97	277.8	13.49	36.78	14.83	280.3	15.23	33.8	79.34	82	-2.629	10.33	8.03	26.116	725.56
"2011-04-25	18:00:00"	20.23	291.2	16.48	33.21	13.3	292.4	17.62	26.65	80.6	82.6	-1.972	9.66	7.561	26.105	542.84
"2011-04-25	19:00:00"	15.81	304.5	13.73	26.65	9.76	305.1	15.93	21.87	80.7	82	-1.266	9.89	7.967	26.106	334.72
"2011-04-25	20:00:00"	14.43	298.2	13.34	22.47	8.8	299.3	15.13	17.7	80.5	80.9	-0.456	9.61	7.874	26.104	135.44
"2011-04-25	21:00:00"	7.959	310.6	20.78	17.7	5.01	320.3	26.58	11.74	77.6	75.83	1.765	10.43	9.11	26.105	7.2398
"2011-04-25	22:00:00"	2.819	279.1	53.72	5.175	2.849	343	90.8	5.771	73.66	69.33	4.322	11.99	12.51	26.113	0
"2011-04-25	23:00:00"	3.001	269	62.06	8.75	3.07	308.3	88	6.368	69.9	65.65	4.244	13.08	13.98	26.127	0
"2011-04-26	00:00:00"	4.863	266.4	35.77	11.74	3.44	274.7	56.45	9.35	68.61	63.24	5.377	13.57	14.52	26.126	0
"2011-04-26	01:00:00"	6.779	302.9	21.97	12.93	4.025	311.5	24.93	9.35	67.69	63.13	4.566	15.05	15.51	26.116	0
"2011-04-26	02:00:00"	3.48	219.7	26.33	11.14	2.387	200	49.05	7.561	65.72	62.71	3.002	17.13	17.01	26.111	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-26	03:00:00"	6.065	90.7	36.26	14.12	4.821	73.66	33.98	10.54	61.19	58.23	2.955	20.06	20	26.095	0
"2011-04-26	04:00:00"	8.15	86.8	32.65	13.52	5.517	73.63	33.28	9.95	55.98	54.25	1.737	30.1	29.39	26.081	0
"2011-04-26	05:00:00"	8.8	77.83	16.23	12.93	5.708	68.09	19.08	9.35	52.58	51.11	1.464	41.91	40.21	26.074	0
"2011-04-26	06:00:00"	9.13	86.9	9.84	11.14	5.196	69.88	15.29	6.964	51.11	48.04	3.074	49.16	48.43	26.074	0
"2011-04-26	07:00:00"	7.411	97.2	15.89	9.95	4.23	73.05	31.51	6.964	50.67	47.18	3.489	53.5	54.68	26.067	0.14776
"2011-04-26	08:00:00"	3.368	199.7	50.73	6.964	2.353	260.9	83.9	5.175	50.87	47.63	3.234	50.16	56.53	26.064	48.41
"2011-04-26	09:00:00"	5.791	249.5	30.26	11.14	4.263	249.2	31.91	7.561	58.37	56.92	1.455	31.9	34.65	26.062	227.53
"2011-04-26	10:00:00"	15.41	262.1	16.43	30.22	12.07	263.6	18.49	26.05	69.12	69.86	-0.741	18.02	16.43	26.055	429.8
"2011-04-26	11:00:00"	24.83	271.7	11.13	36.78	18.73	274.3	12.73	31.42	74.24	75.98	-1.74	14.27	12.1	26.045	620.97
"2011-04-26	12:00:00"	23.15	267	15.35	35	18.08	269.5	16.62	30.82	75.51	77.89	-2.383	13.48	11.2	26.03	782.2
"2011-04-26	13:00:00"	19.83	273.1	16.6	32.61	14.8	275.6	17.89	28.43	77.61	80.6	-2.987	12.2	9.68	26.012	910.15
"2011-04-26	14:00:00"	20.35	270.7	18.13	33.8	15.35	272.5	18.92	31.42	79.34	82.8	-3.424	11.51	8.98	25.988	959.4
"2011-04-26	15:00:00"	22.35	259.5	19.24	37.98	17.82	262.3	20.61	32.61	80.3	83.8	-3.479	11.41	8.81	25.964	919.6
"2011-04-26	16:00:00"	27.78	261.3	13.9	46.33	22.18	264	15.37	40.96	80.6	83.7	-3.128	10.94	8.56	25.943	853.33
"2011-04-26	17:00:00"	28.31	263	9.77	44.54	22.4	266.1	11.35	36.78	81.5	84.1	-2.609	10.85	8.51	25.917	706.39
"2011-04-26	18:00:00"	29.73	271.7	10.81	45.73	22.41	274.5	12.19	41.56	82.9	84.7	-1.82	10.41	8.25	25.893	506.68
"2011-04-26	19:00:00"	30.28	268.7	9.71	49.91	23.53	271.2	11.22	40.36	83.5	84.5	-1.046	9.23	7.321	25.882	290.56
"2011-04-26	20:00:00"	26.16	267	8.88	45.13	20.75	270.3	10.84	37.38	82.9	83.1	-0.243	8.6	6.931	25.889	100.89
"2011-04-26	21:00:00"	19.32	300.8	27.66	37.38	14.21	302.4	27	33.8	79.55	79.03	0.517	7.643	6.128	25.937	5.6455
"2011-04-26	22:00:00"	12.81	324.9	7.468	20.09	8.94	325.7	10.46	15.31	73.43	72.4	1.033	6.433	5.075	25.994	0
"2011-04-26	23:00:00"	9.36	342.3	6.804	13.52	5.998	342.3	10.18	9.35	68.22	66.64	1.579	10.9	9.65	26.042	0
"2011-04-27	00:00:00"	11.17	343.2	8.82	18.89	7.691	341.6	11.31	14.72	65.09	63.47	1.619	15.94	15.03	26.075	0
"2011-04-27	01:00:00"	11.4	350.2	11.19	16.51	7.897	347.3	13.21	13.52	62.44	61.19	1.246	18.89	17.86	26.1	0
"2011-04-27	02:00:00"	16.25	344.5	9.89	25.45	11.97	342.1	11.81	21.28	60.18	59.46	0.717	23.03	21.82	26.13	0
"2011-04-27	03:00:00"	21.67	345.6	10.47	36.78	16.13	343.8	11.83	27.84	58.44	57.96	0.481	24.04	22.73	26.139	0
"2011-04-27	04:00:00"	21.64	341.8	8.7	32.61	16.07	339.8	11.39	26.65	56.5	56.07	0.43	23.51	22.16	26.152	0
"2011-04-27	05:00:00"	24.7	340.4	8.11	37.38	18.22	338.5	11.23	30.82	54.82	54.34	0.479	19.52	18.3	26.166	0
"2011-04-27	06:00:00"	29.17	337.4	8.87	47.52	21.46	335.7	11.87	37.38	54.03	53.67	0.363	16.65	15.33	26.187	0
"2011-04-27	07:00:00"	27.41	330.3	8.27	41.56	20	329.7	11.42	32.61	52.67	52.29	0.378	16.48	15.13	26.22	0.25346
"2011-04-27	08:00:00"	27.07	324.9	8.34	40.96	19.1	324.9	11.21	33.21	52.11	51.95	0.162	16.34	14.92	26.252	62.817
"2011-04-27	09:00:00"	28.63	328.7	8.28	40.96	20.89	328.2	10.98	33.8	53.61	54.1	-0.493	14.59	12.88	26.293	246.2
"2011-04-27	10:00:00"	27.23	337.4	10.83	40.96	20.4	335.6	12.7	30.82	55.56	56.89	-1.329	14.28	12.17	26.325	446.66
"2011-04-27	11:00:00"	23.49	338.7	9.74	36.78	17.69	336.8	13.45	29.63	57.86	60.14	-2.287	16.85	14.11	26.344	645.22
"2011-04-27	12:00:00"	20.39	335.4	15	30.22	15.21	333.5	15.69	26.65	60.63	63.54	-2.905	19.19	15.94	26.369	809.61
"2011-04-27	13:00:00"	18.26	330.6	15.53	35	13.46	329.2	17.07	26.05	63.01	66.36	-3.351	17.52	14.2	26.381	922.07
"2011-04-27	14:00:00"	16.38	328.9	18.38	32.61	12.1	327.6	19.11	24.86	65.47	68.97	-3.503	16.41	13.11	26.378	971.45
"2011-04-27	15:00:00"	13.47	314.3	25.41	27.24	9.47	313	26.62	21.28	68	71.41	-3.41	15.18	12.01	26.38	935.28
"2011-04-27	16:00:00"	13.17	341.4	26.59	26.05	10.19	339.9	29.72	21.28	69.48	73.38	-3.904	15.34	11.98	26.375	874.13
"2011-04-27	17:00:00"	11.37	312.3	28.35	23.66	8.2	311	28.67	19.49	71.25	74.17	-2.924	14.24	11.32	26.367	735.37
"2011-04-27	18:00:00"	9.2	344.6	26.92	17.7	7.323	341.7	30.07	15.31	72.69	75.37	-2.682	12.71	10.04	26.366	554.32
"2011-04-27	19:00:00"	8.2	325.4	34.23	17.7	6.423	325.6	36.32	14.12	73.14	74.98	-1.838	10.81	8.53	26.378	351.39
"2011-04-27	20:00:00"	7.746	320.2	22.77	14.72	5.373	318.9	22.43	13.52	72.24	73.08	-0.837	9.19	7.32	26.395	153.01
"2011-04-27	21:00:00"	4.603	29.28	38.77	9.35	3.652	27.77	39.47	6.368	68.32	67.25	1.07	11.54	9.81	26.414	9.6487
"2011-04-27	22:00:00"	8.8	77.87	12.75	15.31	5.313	69.57	19.09	12.33	62.85	59.01	3.844	19.78	19.16	26.444	0
"2011-04-27	23:00:00"	9.53	86.9	7.337	12.33	6.473	83.1	10.36	9.95	57.04	56.1	0.94	29.68	28.46	26.474	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-28	00:00:00"	8.89	89.1	7.436	11.14	5.075	81	10.41	6.964	53.18	51.61	1.57	35.03	33.92	26.488	0
"2011-04-28	01:00:00"	8.83	96.5	5.64	11.14	5.241	87	9.62	8.75	51.63	49.62	2.003	37.87	37.87	26.497	0
"2011-04-28	02:00:00"	8.37	88.9	5.673	10.54	4.878	77.61	9.76	6.368	49.74	47.98	1.761	40.56	40.15	26.505	0
"2011-04-28	03:00:00"	8.69	83.1	4.701	10.54	4.847	69.9	9.17	6.368	47.7	45.41	2.287	44.25	44.04	26.505	0
"2011-04-28	04:00:00"	7.469	71.11	9.15	9.95	4.527	53.63	11.16	6.368	45.4	42.99	2.412	48.81	49.17	26.509	0
"2011-04-28	05:00:00"	6.356	55.65	10.11	8.16	4.381	40.13	20.35	5.771	44.46	42.54	1.924	52	51.26	26.528	0
"2011-04-28	06:00:00"	7.262	33.79	8.14	11.14	5.279	20.98	10.84	8.16	42.78	40.16	2.619	55.86	55.22	26.544	0
"2011-04-28	07:00:00"	7.486	24.94	5.957	10.54	5.267	23.31	12.31	7.561	40.79	39.66	1.125	60.43	59.61	26.563	0.32215
"2011-04-28	08:00:00"	6.503	51.49	16.23	9.35	4.787	49.56	19.46	8.16	42.46	41.71	0.75	63.7	63.34	26.589	56.721
"2011-04-28	09:00:00"	9.41	110.3	16.7	17.1	7.808	109.7	18.5	14.12	50.76	51.15	-0.388	55.83	53.94	26.61	232.85
"2011-04-28	10:00:00"	12.37	134	9.15	16.51	10.25	134	10.54	15.31	56.48	57.75	-1.27	47.24	44	26.615	429.45
"2011-04-28	11:00:00"	11.94	136.6	14.08	18.3	10.08	136.4	15.27	16.51	61.56	63.34	-1.781	35.89	32.94	26.613	624.69
"2011-04-28	12:00:00"	12.84	150.8	16.3	20.09	10.94	149.4	16.68	18.89	65.42	67.57	-2.151	31.18	27.99	26.608	787.05
"2011-04-28	13:00:00"	10.86	162.1	20.37	18.89	9.47	160.1	21.99	17.7	68.51	71.05	-2.536	28.18	24.68	26.591	899.55
"2011-04-28	14:00:00"	11.09	155	19.43	19.49	9.56	154.2	20.72	17.1	72.01	74.96	-2.955	23.61	20.26	26.564	951.21
"2011-04-28	15:00:00"	11.12	153.4	22.59	20.09	9.62	151.8	22.79	18.3	73.91	76.58	-2.672	19.91	17.09	26.534	914
"2011-04-28	16:00:00"	11.19	166.1	31.88	21.87	9.58	166	31.6	20.68	74.99	77.27	-2.278	16.89	14.48	26.5	857.58
"2011-04-28	17:00:00"	9.23	176.2	28.47	20.68	8.11	175.1	30.76	17.1	76.6	78.71	-2.105	15.58	13.23	26.466	718.65
"2011-04-28	18:00:00"	10.98	198.1	27.61	21.28	9.39	199.1	31.1	18.3	77.84	79.67	-1.834	14.06	11.83	26.442	538.18
"2011-04-28	19:00:00"	11.2	192.3	25.2	21.28	9.47	192.2	28.17	20.68	78.54	79.73	-1.194	14.15	12.11	26.426	336.19
"2011-04-28	20:00:00"	9.67	176.5	12.73	17.7	8.13	173.7	14.6	15.31	78.44	78.71	-0.269	14.24	12.61	26.415	123.16
"2011-04-28	21:00:00"	9.13	163.1	9.49	13.52	7.387	159.8	10.05	11.14	75.32	74.88	0.438	15.65	14.28	26.41	11.014
"2011-04-28	22:00:00"	11.11	154.6	8.43	17.7	8.88	152.4	8.73	14.72	71.83	71.31	0.515	18.05	16.68	26.413	0
"2011-04-28	23:00:00"	12.98	157.9	7.87	18.3	10.61	156	8.23	15.91	69.63	69.18	0.442	22.32	20.94	26.415	0
"2011-04-29	00:00:00"	12.26	157.1	8.05	18.3	10.17	154.8	8.2	17.7	67.33	67.03	0.307	25.89	24.48	26.411	0
"2011-04-29	01:00:00"	10.08	166.1	8.4	15.91	8.27	163.7	9	14.12	64.73	64.24	0.49	29.73	28.47	26.406	0
"2011-04-29	02:00:00"	10.96	162.5	8.14	20.09	8.89	161.3	8.55	17.1	63.45	62.88	0.572	33.44	32.3	26.38	0
"2011-04-29	03:00:00"	13.16	170.2	8.31	20.68	10.8	167.3	9.23	18.3	64	63.45	0.547	34.46	33.42	26.349	0
"2011-04-29	04:00:00"	16.48	177.5	6.934	24.26	13.36	174.6	8.48	20.09	63.49	62.99	0.507	35.32	34.29	26.318	0
"2011-04-29	05:00:00"	15.55	182.2	7.879	23.07	12.7	180	10.46	21.28	62.08	61.59	0.49	37.13	36.1	26.295	0
"2011-04-29	06:00:00"	12.52	189.9	7.742	20.09	10.1	190.5	10.24	15.31	60.62	60.06	0.569	38.9	37.94	26.28	0
"2011-04-29	07:00:00"	10.27	192.2	7.38	15.91	8.39	193.3	9.42	12.93	58.76	58.15	0.604	42.95	41.85	26.278	0.3402
"2011-04-29	08:00:00"	9.83	197.4	5.746	13.52	7.693	198.8	8.23	11.74	56.85	56.36	0.496	47.75	46.56	26.283	51.761
"2011-04-29	09:00:00"	14.48	192.6	8.43	23.66	11.83	192.7	10.77	20.68	60.56	60.82	-0.264	46.12	43.97	26.286	222.26
"2011-04-29	10:00:00"	18.99	193	7.806	26.05	15.57	193.2	10.5	23.07	65.08	66.02	-0.936	40.56	37.92	26.282	423.36
"2011-04-29	11:00:00"	18.07	188.3	9.94	26.65	14.95	187	13.14	23.07	69.57	71.08	-1.514	35.12	32.35	26.273	621.42
"2011-04-29	12:00:00"	18.17	194	10.71	27.24	14.92	194	13.78	24.26	74.66	76.72	-2.061	28.1	25.12	26.259	791.1
"2011-04-29	13:00:00"	20.23	198.1	13.89	29.63	16.52	198.1	16.91	24.86	79.8	82.1	-2.323	22.01	19.15	26.23	911.27
"2011-04-29	14:00:00"	21.49	217.9	14.94	37.38	17.7	220.3	17.37	35.59	85.7	88.2	-2.481	13.41	11	26.192	959.28
"2011-04-29	15:00:00"	27.17	231.7	13.6	42.75	23.08	233.8	15.99	39.77	90.5	92.8	-2.365	7.011	4.986	26.151	933.25
"2011-04-29	16:00:00"	28.59	240.8	10.86	46.33	24.79	243.1	12.31	38.57	92.7	94.9	-2.171	4.816	2.922	26.118	869.74
"2011-04-29	17:00:00"	33.59	242.5	10.42	49.31	29.06	245.4	12.42	47.52	93.6	95.2	-1.568	4.163	2.42	26.081	734.32
"2011-04-29	18:00:00"	30.93	247.7	9.47	48.71	26.07	249.8	11.59	45.13	93.6	94.6	-0.926	4.198	2.49	26.066	548.9
"2011-04-29	19:00:00"	28.96	241.6	10.4	46.33	25.32	244.1	11.78	43.35	92.8	93.3	-0.507	4.445	2.733	26.061	340.16
"2011-04-29	20:00:00"	26.06	242.1	8.13	41.56	23.24	243.8	9.83	39.17	91.8	91.7	0.135	4.434	2.802	26.052	126.73

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-04-29	21:00:00"	19.09	239.8	7.088	30.82	17.28	241	8.57	25.45	89.5	88.9	0.616	4.504	2.967	26.064	5.9482	0
"2011-04-29	22:00:00"	12.87	240.3	7.958	20.09	11.06	240.7	9.82	18.3	85.9	85	0.908	4.831	3.391	26.083	0	0
"2011-04-29	23:00:00"	9.55	200.4	21.46	18.3	7.216	196.1	23.44	14.72	78.89	77.38	1.506	6.84	5.797	26.105	0	0
"2011-04-30	00:00:00"	11.38	181.5	10.5	20.68	9.02	178.7	13.03	17.7	76.04	75.25	0.791	27.48	26.05	26.124	0	0
"2011-04-30	01:00:00"	10.33	194.2	18.36	17.7	8.22	193.9	22.31	14.72	72.21	71.54	0.662	36.69	35.5	26.134	0	0
"2011-04-30	02:00:00"	7.422	216.5	15.11	14.72	5.599	221.6	19.33	12.93	69.8	68.84	0.962	40.99	39.93	26.146	0	0
"2011-04-30	03:00:00"	7.849	219	12.57	11.74	5.944	225.3	14.63	8.75	66.45	65.67	0.779	46.78	45.64	26.146	0	0
"2011-04-30	04:00:00"	8.41	228.5	10.46	11.74	6.457	229.6	12.65	10.54	64.31	63.32	0.986	50.11	49.35	26.141	0	0
"2011-04-30	05:00:00"	9.67	237.7	12.8	14.72	7.386	240.3	13.69	11.74	64.64	63.25	1.395	43.67	44.17	26.143	0	0
"2011-04-30	06:00:00"	12.17	248.6	7.488	17.7	9.37	252.1	9.69	13.52	66.77	64.94	1.821	26.96	27.91	26.149	0	0
"2011-04-30	07:00:00"	11.95	263.3	13.4	19.49	8.4	267.1	16.64	14.72	66.68	64.81	1.875	16.71	16.69	26.169	0.40332	0
"2011-04-30	08:00:00"	15.23	284.8	14.41	25.45	9.97	288.1	16.69	21.28	70.92	69.74	1.185	11.89	11.05	26.191	67.231	0
"2011-04-30	09:00:00"	12.7	320.1	37.43	27.24	8.65	320.8	36.6	23.66	70.23	70.41	-0.177	12.56	11.23	26.218	247.47	0
"2011-04-30	10:00:00"	19.44	36.37	9.32	26.05	15.39	36.62	12.98	24.86	61.03	62.26	-1.239	29.37	27.21	26.25	440.05	0
"2011-04-30	11:00:00"	19.53	39.48	10.06	27.24	15.39	39.21	13.39	23.66	60.54	62.43	-1.897	30.49	27.89	26.268	629.89	0
"2011-04-30	12:00:00"	17.79	42.52	11.81	26.65	14.38	42.49	14.5	23.66	63.22	65.59	-2.372	26.48	23.77	26.276	796.08	0
"2011-04-30	13:00:00"	14.89	44.03	13.26	22.47	12.13	44.14	16.26	20.09	67.15	69.8	-2.652	21.62	19.05	26.266	909.01	0
"2011-04-30	14:00:00"	11.5	47.71	26.38	18.89	9.57	46.81	29.79	16.51	70.88	73.61	-2.734	17.78	15.5	26.243	955.26	0
"2011-04-30	15:00:00"	8.99	49.75	26.37	19.49	7.821	50.26	31.24	20.09	74.06	76.61	-2.552	15.84	13.64	26.225	915.38	0
"2011-04-30	16:00:00"	7.069	72.18	35.34	18.89	6.476	73.46	38.08	15.31	76.71	78.91	-2.196	14.21	11.95	26.206	856.08	0
"2011-04-30	17:00:00"	6.876	91.3	64.55	16.51	6.318	88.6	67.16	13.52	78.72	80.7	-1.988	12.97	10.74	26.182	713.21	0
"2011-04-30	18:00:00"	6.09	131.3	50.33	14.12	5.816	128.9	52.14	12.93	80.7	82.1	-1.43	11.58	9.56	26.155	529.44	0
"2011-04-30	19:00:00"	10	81	22.05	16.51	8.33	79.31	24.25	14.72	81.5	82.6	-1.076	11.47	9.57	26.145	330.69	0
"2011-04-30	20:00:00"	9.03	75.14	15.57	15.91	7.319	73.43	17.36	12.33	80.7	81	-0.274	11.81	10.17	26.144	139.46	0
"2011-04-30	21:00:00"	11.79	73.08	10.36	21.87	8.61	71.48	12.33	16.51	75.53	74.79	0.738	14.3	13.02	26.151	8.9481	0
"2011-04-30	22:00:00"	15.5	86.1	8.93	23.66	11.65	84.6	10.95	20.09	71.61	71.14	0.475	16.53	15.17	26.164	0	0
"2011-04-30	23:00:00"	19.19	97.3	7.32	29.63	14.86	96.1	8.79	24.26	69.43	69.21	0.213	18.32	16.83	26.187	0	0
"2011-05-01	00:00:00"	20.96	100.6	7.373	30.22	16.33	99.3	9.37	24.26	67.52	67.47	0.048	21.8	20.21	26.211	0	0
"2011-05-01	01:00:00"	21.41	101.6	7.807	32.01	16.67	100	9.28	24.86	65.49	65.46	0.027	26.86	25.28	26.219	0	0
"2011-05-01	02:00:00"	20.77	97.3	8.67	31.42	16.04	96	10.41	26.05	63.95	63.88	0.07	30.82	29.27	26.223	0	0
"2011-05-01	03:00:00"	15.88	86.9	12.55	30.22	12.21	85.7	13.76	26.65	62.22	62.01	0.214	35.03	33.62	26.22	0	0
"2011-05-01	04:00:00"	14.54	66.75	12.23	23.66	11.25	65.32	13.96	18.89	59.51	59.27	0.246	38.9	37.47	26.229	0	0
"2011-05-01	05:00:00"	15.35	50.56	9.18	23.66	12.02	49.63	10.98	19.49	57.54	57.3	0.236	43.81	42.24	26.247	0	0
"2011-05-01	06:00:00"	17.62	45.72	8.59	27.24	13.79	44.81	10.44	23.66	56.4	56.18	0.22	43.31	41.78	26.269	0	0
"2011-05-01	07:00:00"	23.6	52.71	9.24	37.38	18.36	51.72	11.07	32.01	55.59	55.46	0.129	38.92	37.54	26.29	0.18662	0
"2011-05-01	08:00:00"	27.93	57.26	8.56	43.35	21.74	56.32	10.39	35	51.86	51.96	-0.102	38.33	36.7	26.319	44.712	0
"2011-05-01	09:00:00"	29.97	57.63	8.48	45.13	23.29	56.27	10.72	33.8	49.97	50.39	-0.414	38.49	36.56	26.36	130.2	0
"2011-05-01	10:00:00"	30.03	54.62	9.38	42.75	23.39	53.29	11.09	36.19	49.57	50.35	-0.784	37.5	35.16	26.397	194.14	0
"2011-05-01	11:00:00"	30.34	50.98	8.88	41.56	23.72	49.87	10.48	34.4	49.05	50.14	-1.097	38.76	36.05	26.427	293.02	0
"2011-05-01	12:00:00"	28.78	53.46	10.2	40.96	22.63	52.5	11.97	33.8	50.64	52.63	-1.996	38.74	35.12	26.434	681.43	0
"2011-05-01	13:00:00"	26.71	65.15	10.64	38.57	20.83	64.23	12.71	32.01	50.85	53.16	-2.313	43.2	38.32	26.441	686.38	0
"2011-05-01	14:00:00"	22.56	61.83	12.3	36.19	17.8	60.62	13.97	30.82	51.63	54	-2.37	45.17	39.8	26.437	650.34	0
"2011-05-01	15:00:00"	21.21	64.36	12.53	33.21	16.81	63.49	14.49	26.65	53.03	55.75	-2.714	43.74	38.27	26.428	825.85	0
"2011-05-01	16:00:00"	18.78	64.49	11.91	27.24	14.84	63.71	13.99	24.26	52.98	55.02	-2.036	43.26	38.56	26.429	425.16	0
"2011-05-01	17:00:00"	17.71	66.83	12.05	26.65	14.09	65.8	13.89	21.87	53.36	55.47	-2.103	43.28	38.57	26.423	571.81	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-01	18:00:00"	18.59	57.5	12.41	27.84	14.72	56.08	13.91	23.66	53.97	56.01	-2.038	40.86	36.7	26.406	516.96	0
"2011-05-01	19:00:00"	18.81	62.67	10.89	27.24	14.77	61.99	12.94	24.26	53.53	54.9	-1.369	40.96	37.51	26.405	317.3	0
"2011-05-01	20:00:00"	17.41	52.86	10.58	25.45	13.73	51.95	12.8	23.07	52.26	52.91	-0.657	42.93	39.97	26.415	126.22	0
"2011-05-01	21:00:00"	13.96	57.65	8.75	22.47	10.87	56.9	10.46	17.7	50.06	50.12	-0.062	45.69	43.6	26.439	7.6461	0
"2011-05-01	22:00:00"	12.13	65.95	8.4	18.89	9.36	65.05	10.79	15.31	48.17	48.08	0.085	49.55	47.75	26.475	0	0
"2011-05-01	23:00:00"	10.65	61.97	8.46	15.91	8.17	60.56	10.42	14.12	46.78	46.63	0.152	51.74	50.13	26.518	0	0
"2011-05-02	00:00:00"	8.04	58.03	8.45	12.93	5.988	56.38	10.97	11.14	44.57	44.29	0.287	56.07	54.65	26.542	0	0
"2011-05-02	01:00:00"	8.28	37.45	11.94	12.93	6.253	34.69	15.74	9.35	42.38	42.1	0.289	59.13	57.81	26.55	0	0
"2011-05-02	02:00:00"	7.727	13.74	8.57	10.54	5.677	7.317	13.54	8.16	41.14	40.95	0.195	60.52	59.15	26.548	0	0
"2011-05-02	03:00:00"	6.895	1.888	10.87	9.95	5.071	356	13.52	8.75	41.94	41.77	0.171	57.87	56.32	26.543	0	0
"2011-05-02	04:00:00"	7.531	346.2	7.17	9.95	4.846	343.4	10.73	6.964	39.36	38.53	0.826	62.24	61.94	26.548	0	0
"2011-05-02	05:00:00"	7.491	352	10.55	9.35	4.633	350.5	11.3	6.964	37.71	36.63	1.076	64.53	64.69	26.575	0	0
"2011-05-02	06:00:00"	8.95	350.7	6.521	10.54	5.207	347.2	8.88	7.561	39.04	37.2	1.839	61.87	63.5	26.588	0	0
"2011-05-02	07:00:00"	8.63	349.4	7.499	10.54	5.523	349.2	10.16	8.16	38.56	37.42	1.135	61.89	62.54	26.604	0.42134	0
"2011-05-02	08:00:00"	8.09	354.2	10.93	11.14	5.37	353.6	12.58	9.35	38.99	38.26	0.732	58.79	58.84	26.627	59.519	0
"2011-05-02	09:00:00"	9.15	0.078	12.32	12.93	7.222	355.7	14.16	11.14	44.88	45.89	-1.004	46.99	43.83	26.658	237.1	0
"2011-05-02	10:00:00"	10.35	22.38	23.79	18.3	8.36	21.27	27.84	15.31	48.61	50.13	-1.515	37.67	34.96	26.676	429.42	0
"2011-05-02	11:00:00"	11.22	39.04	18.95	21.87	9.11	40.04	23.2	17.7	50.85	52.9	-2.049	32.84	30.35	26.688	620.7	0
"2011-05-02	12:00:00"	10.94	37.11	24.31	21.28	8.9	38.31	29.35	17.1	52.5	54.99	-2.486	31.16	28.3	26.693	788.76	0
"2011-05-02	13:00:00"	12.11	20.92	23.78	20.68	9.77	19.57	28.07	18.89	54.68	57.66	-2.984	27.92	24.69	26.686	923	0
"2011-05-02	14:00:00"	12.77	5.213	20.19	24.26	10.09	3.197	24.07	20.68	56.15	58.83	-2.683	26.31	22.96	26.676	633.3	0
"2011-05-02	15:00:00"	10.94	1.103	29.3	21.87	8.79	0.49	31.67	18.89	57.41	59.71	-2.303	24.64	21.69	26.666	655.43	0
"2011-05-02	16:00:00"	11.59	3.667	24.98	24.26	9.39	1.925	29.19	19.49	59.26	62	-2.737	22.39	19.32	26.65	810.24	0
"2011-05-02	17:00:00"	12.06	2.886	23.89	23.07	9.59	1.946	27.29	18.3	60.95	63.75	-2.806	20.18	17.27	26.637	761.66	0
"2011-05-02	18:00:00"	14.38	348.7	20.88	26.05	11.09	346.3	22.93	20.68	61.73	64.02	-2.291	18.35	15.64	26.633	518.96	0
"2011-05-02	19:00:00"	14.81	349	15.14	24.86	11.44	346.1	16.54	22.47	61.89	63.49	-1.591	16.6	14.25	26.637	353.92	0
"2011-05-02	20:00:00"	11.73	355.2	16.7	17.7	9.03	351.2	17.36	15.31	61.03	61.64	-0.609	16.7	14.81	26.647	155.16	0
"2011-05-02	21:00:00"	8.63	7.989	9.89	15.31	5.799	3.143	12.79	12.33	57.91	56.58	1.338	16.92	16.07	26.663	12.268	0
"2011-05-02	22:00:00"	8.43	15.36	7.859	11.14	4.438	10.6	11.3	6.368	53.76	49.36	4.406	19.42	20.43	26.68	0	0
"2011-05-02	23:00:00"	8.9	22.72	5.296	10.54	5.053	16	10.75	6.964	48.77	45.96	2.808	24.21	24.81	26.705	0	0
"2011-05-03	00:00:00"	8.9	28.86	5.438	11.14	5.561	24.91	9.66	7.561	47.27	45.13	2.133	27.79	27.9	26.724	0	0
"2011-05-03	01:00:00"	9.1	30.54	6.691	11.14	5.498	21.44	10.57	7.561	46.13	43.59	2.54	30.19	30.87	26.727	0	0
"2011-05-03	02:00:00"	7.732	34.11	4.673	9.35	4.952	26.4	9.04	6.964	45.15	42.67	2.482	31.83	32.52	26.734	0	0
"2011-05-03	03:00:00"	7.653	49.24	10.33	10.54	4.91	40.69	14.53	7.561	45.5	42.96	2.54	32.41	33.33	26.732	0	0
"2011-05-03	04:00:00"	5.578	46.89	8.96	8.16	3.889	21.2	11.77	5.175	43.74	39.61	4.13	34.52	36.59	26.729	0	0
"2011-05-03	05:00:00"	6.717	29.99	5.855	8.75	4.71	15.1	9.2	6.368	42.76	37.15	5.612	35.6	39.31	26.73	0	0
"2011-05-03	06:00:00"	5.471	43.41	5.139	6.964	4.722	14.97	6.482	5.771	44.28	36.15	8.13	35.06	41.2	26.73	0	0
"2011-05-03	07:00:00"	2.139	65.54	22.58	5.771	4.095	18.47	11.35	5.175	44.71	36.08	8.63	35.29	42.48	26.735	0.71471	0
"2011-05-03	08:00:00"	1.939	107.8	11.7	5.175	2.91	83.9	24.95	4.578	44.39	42.32	2.068	36.14	37.4	26.757	73.065	0
"2011-05-03	09:00:00"	9.16	171.6	23.63	16.51	7.795	169.7	24.18	14.72	48.1	48.59	-0.48	35.92	34.29	26.778	251.33	0
"2011-05-03	10:00:00"	13.35	207.4	13.1	19.49	10.75	208.9	17.07	17.1	52.5	53.67	-1.17	33.4	31.01	26.787	448.06	0
"2011-05-03	11:00:00"	12.7	211.2	12.49	19.49	10.23	212.7	17.17	18.3	55.62	57.48	-1.854	30.9	28.15	26.791	642.01	0
"2011-05-03	12:00:00"	10.21	207.1	23.5	26.05	8.64	207.8	29.21	23.07	58.27	60.41	-2.131	26.86	24.03	26.784	808.41	0
"2011-05-03	13:00:00"	7.542	193.9	36.22	18.3	6.966	195.9	40.49	17.1	60.69	62.79	-2.099	21.93	19.21	26.767	917.89	0
"2011-05-03	14:00:00"	7.041	220.1	43.87	17.1	6.614	220.6	50.51	15.31	62.83	65.02	-2.193	19.42	16.74	26.741	967.72	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-03	15:00:00"	7.324	202	48.39	18.89	6.877	202.8	52.46	16.51	64.46	66.73	-2.278	16.4	13.96	26.717	931.74	0	
"2011-05-03	16:00:00"	8.86	202.4	28.16	20.68	7.966	200.2	33.32	19.49	65.84	68.1	-2.265	15.86	13.35	26.692	869.45	0	
"2011-05-03	17:00:00"	7.765	158.1	34.05	18.89	7.223	156.4	35.77	17.7	66.86	68.75	-1.891	14.8	12.68	26.666	728.4	0	
"2011-05-03	18:00:00"	8.29	182.1	28.14	20.68	7.392	181.2	33.73	16.51	67.57	69.36	-1.797	13.52	11.41	26.646	551.95	0	
"2011-05-03	19:00:00"	8.12	178	26.65	20.09	7.186	177.4	31.53	16.51	67.84	69.07	-1.227	11.98	10.07	26.639	352.64	0	
"2011-05-03	20:00:00"	9.39	187.9	12.54	16.51	7.933	186.5	15.2	13.52	67.75	68.34	-0.591	12.04	10.36	26.63	156.92	0	
"2011-05-03	21:00:00"	6.851	191.3	6.452	11.74	5.225	190.1	7.872	9.95	65.24	64.61	0.631	12.86	11.69	26.631	12.613	0	
"2011-05-03	22:00:00"	8.63	173.7	10.58	12.93	6.496	169.8	12.64	9.95	62.27	61.31	0.96	14.36	13.4	26.645	0	0	
"2011-05-03	23:00:00"	10.15	160.4	7.589	15.31	8.08	157.1	7.777	11.14	59.84	59.16	0.688	16.4	15.22	26.656	0	0	
"2011-05-04	01:00:00"	10.4	160.5	7.83	17.7	8.19	157.5	7.593	13.52	56.65	55.95	0.696	17.75	16.64	26.659	0	0	
"2011-05-04	02:00:00"	10.93	157.6	8.69	15.91	8.63	155.3	8.68	12.93	54.08	53.45	0.625	19.2	18.07	26.656	0	0	
"2011-05-04	03:00:00"	10.49	148.7	7.124	17.1	8.04	146.7	7.859	12.93	51.97	51.5	0.475	20.6	19.43	26.651	0	0	
"2011-05-04	04:00:00"	10.64	151	7.742	15.91	8.37	147.7	7.913	12.93	50.39	50.04	0.35	21.91	20.64	26.642	0	0	
"2011-05-04	05:00:00"	11.03	151.1	7.749	15.31	8.82	149.3	7.938	13.52	49.91	49.59	0.321	24.7	23.34	26.634	0	0	
"2011-05-04	06:00:00"	10.98	142.3	5.893	14.72	8.51	141	6.463	11.14	48.27	48.04	0.229	28.61	27.2	26.632	0	0	
"2011-05-04	07:00:00"	10.61	150.8	8.22	15.31	8.53	148.5	8.38	12.93	47.58	47.35	0.226	31.38	30	26.632	0.56822	0	
"2011-05-04	08:00:00"	7.374	139.7	9.65	12.93	5.578	136.2	11.61	9.95	46.24	46.22	0.022	33.73	32.59	26.639	63.945	0	
"2011-05-04	09:00:00"	13.78	161.1	12.15	30.82	11.46	159.2	11.89	26.05	51.26	51.61	-0.356	32.23	30.71	26.645	243.41	0	
"2011-05-04	10:00:00"	21.07	174.7	8.8	29.63	17.34	171.7	10.76	25.45	57	57.64	-0.644	29.39	27.99	26.645	399.85	0	
"2011-05-04	11:00:00"	18.5	172.9	10.68	26.05	15.48	170.3	12.15	23.66	60.6	61.88	-1.277	26.29	24.32	26.641	623.19	0	
"2011-05-04	12:00:00"	16.1	176.6	14.96	23.66	13.51	175.5	17.37	21.87	64.2	66.08	-1.882	23.55	21.22	26.633	762.38	0	
"2011-05-04	13:00:00"	13.58	182.6	12.83	23.07	11.47	181.2	15.8	21.28	67.68	69.5	-1.819	19.99	17.72	26.617	715.18	0	
"2011-05-04	14:00:00"	14.37	177.7	16.36	24.86	12.24	176	18.69	21.87	71.46	73.8	-2.336	16.9	14.59	26.579	974.53	0	
"2011-05-04	15:00:00"	14.85	176	17.07	25.45	12.62	174.9	19.41	22.47	73.81	76.23	-2.417	15.91	13.58	26.553	918.97	0	
"2011-05-04	16:00:00"	14.43	182.2	18.53	24.26	12.25	181.7	21.56	21.28	74.99	77.35	-2.362	16.15	13.79	26.535	868.23	0	
"2011-05-04	17:00:00"	15.6	183.9	20.12	25.45	13.08	182.9	23.36	22.47	76.35	78.49	-2.133	16.12	13.88	26.505	739.29	0	
"2011-05-04	18:00:00"	16.58	179.7	14.58	26.05	13.91	177.9	17.59	23.66	77.13	78.74	-1.605	16.13	13.98	26.486	495.14	0	
"2011-05-04	19:00:00"	15.78	173.6	10.81	28.43	13.14	170.9	11.77	23.66	76.54	77.23	-0.691	16.3	14.5	26.479	208.19	0	
"2011-05-04	20:00:00"	15.77	163.8	10.78	23.07	13.17	161.6	11.13	20.68	75.78	76.05	-0.275	16.72	15.06	26.472	99.293	0	
"2011-05-04	21:00:00"	15.7	160.3	8.57	23.66	13.08	158.3	9.17	19.49	73.31	73.24	0.069	18.85	17.32	26.474	8.1769	0	
"2011-05-04	22:00:00"	16.72	159.9	8.2	23.66	13.94	157.4	8.57	20.68	70.37	70.29	0.079	21.17	19.63	26.486	0	0	
"2011-05-04	23:00:00"	16.29	158.5	9.15	25.45	13.62	156.4	9.74	21.28	67.21	67.14	0.075	25.36	23.83	26.506	0	0	
"2011-05-05	00:00:00"	13.51	164.4	8.74	21.87	11.2	161.9	9.71	20.68	64.49	64.28	0.212	28.37	26.97	26.509	0	0	
"2011-05-05	01:00:00"	10.17	173.5	7.893	15.31	8.25	170.8	9.07	12.33	62.74	62.4	0.348	30.17	28.92	26.501	0	0	
"2011-05-05	02:00:00"	11.6	177.3	7.81	18.3	9.38	174.6	9.81	15.31	62.11	61.7	0.412	32.76	31.56	26.491	0	0	
"2011-05-05	03:00:00"	9	188.9	7.206	13.52	7.244	189.2	8.8	11.14	60.1	59.56	0.534	38.09	37.01	26.475	0	0	
"2011-05-05	04:00:00"	7.91	195.3	7.272	11.74	5.892	196.9	9.75	9.95	58.29	57.56	0.73	41.34	40.3	26.456	0	0	
"2011-05-05	05:00:00"	7.635	204.5	6.703	9.95	5.404	208	10.44	8.16	57.25	56.32	0.93	42.91	42.18	26.45	0	0	
"2011-05-05	06:00:00"	8.21	213	6.884	11.14	5.881	215.5	10.35	8.75	56.43	55.74	0.695	43.88	42.99	26.446	0	0	
"2011-05-05	07:00:00"	9.82	308.2	74.24	33.21	7.306	306	71.36	24.86	55.66	54.74	0.924	44.82	44.22	26.485	0.27185	0	
"2011-05-05	08:00:00"	11.01	21.64	13.31	27.84	8.02	21.06	21.05	24.86	53.12	52.56	0.56	47.25	46.77	26.536	26.055	0	
"2011-05-05	09:00:00"	20.05	21.9	7.234	29.63	15.07	21.16	14.68	24.26	52.65	53.12	-0.464	45.57	43.77	26.572	193.78	0	
"2011-05-05	10:00:00"	21.37	25.46	8.71	29.63	16.33	25.06	14.6	26.65	56.38	57.54	-1.159	38.78	36.48	26.593	400.11	0	
"2011-05-05	11:00:00"	21.4	29.13	9.38	28.43	16.44	28.57	14.7	24.26	60.13	61.91	-1.786	33.44	30.8	26.611	586.17	0	
"2011-05-05	12:00:00"	20.42	28.19	10.98	29.63	15.88	27.86	16.14	27.84	63.36	65.51	-2.146	30.02	27	26.618	666.95	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-05	13:00:00"	20.51	31.86	12.65	30.22	16.13	31.38	16.67	27.24	67.26	69.83	-2.579	26.42	23.42	26.613	868.1	0	
"2011-05-05	14:00:00"	16.64	36.43	14.83	28.43	13.31	36.59	17.87	23.66	69.94	72.59	-2.646	25.24	22.2	26.605	896.59	0	
"2011-05-05	15:00:00"	14.48	37.5	19.14	23.66	11.69	36.72	23.13	20.68	71.78	74.6	-2.826	24.09	20.91	26.593	905.56	0	
"2011-05-05	16:00:00"	14.11	48.79	24.69	26.05	11.22	48.38	27.21	21.87	73.89	76.63	-2.738	22.52	19.63	26.569	842.77	0	
"2011-05-05	17:00:00"	12.83	65.92	20.62	22.47	10.45	66.36	23.17	18.89	74.69	76.81	-2.115	21.37	18.89	26.54	709.69	0	
"2011-05-05	18:00:00"	12.37	71.13	18.58	20.09	10.09	70.32	20.61	17.7	75.55	77.31	-1.757	19.91	17.53	26.519	536.73	0	
"2011-05-05	19:00:00"	12.06	78.56	16.41	21.87	9.74	77.28	17.53	18.3	75.72	76.92	-1.203	19.6	17.42	26.508	342.79	0	
"2011-05-05	20:00:00"	11.32	81.5	10.28	17.7	9.03	80.2	12.11	14.72	75.22	75.63	-0.411	19.1	17.31	26.506	153.83	0	
"2011-05-05	21:00:00"	8.43	92.1	6.735	14.12	5.833	89.7	9.21	12.93	71.58	70.8	0.78	21.39	20.24	26.511	14.903	0	
"2011-05-05	22:00:00"	8.2	84.9	4.862	9.95	4.317	79.55	7.23	6.368	66.3	63.73	2.57	24.56	24.71	26.525	0	0	
"2011-05-05	23:00:00"	9.58	98.8	4.959	11.14	4.732	87.4	7.714	6.368	64.28	60.14	4.143	25.6	27.07	26.539	0	0	
"2011-05-06	00:00:00"	9.52	93.3	5.272	10.54	4.824	74.05	9.7	6.368	62.02	57.2	4.815	26.55	28.88	26.541	0	0	
"2011-05-06	01:00:00"	10.07	94.4	3.878	11.74	5.281	79.95	8.23	7.561	59.31	55.57	3.741	28.19	29.89	26.532	0	0	
"2011-05-06	02:00:00"	9.56	95.9	5.385	11.74	5.644	86.1	8.74	8.16	57.36	55.16	2.209	29.46	29.86	26.524	0	0	
"2011-05-06	03:00:00"	9.82	101.1	6.103	12.93	6.504	95.5	7.832	9.35	57.42	56.24	1.177	29.78	29.27	26.512	0	0	
"2011-05-06	04:00:00"	9.91	98.5	6.271	13.52	6.661	92.5	8.24	9.95	56.31	55.25	1.064	30.95	30.37	26.487	0	0	
"2011-05-06	05:00:00"	10.25	97.5	6.279	14.12	6.959	92	8.5	10.54	55.97	55	0.974	31.87	31.24	26.472	0	0	
"2011-05-06	06:00:00"	11.07	105	7.332	15.31	8.1	100.6	9.1	12.33	56.19	55.49	0.701	32.22	31.36	26.454	0	0	
"2011-05-06	07:00:00"	10.07	99.3	6.774	14.12	6.756	92.6	9.62	11.14	54.93	53.9	1.03	33.69	33.15	26.437	0.37375	0	
"2011-05-06	08:00:00"	8.86	94.3	9.17	12.93	6.235	87.6	13.62	11.14	54.8	54.08	0.72	34.8	34.4	26.436	53.487	0	
"2011-05-06	09:00:00"	9.87	124.1	14.79	14.72	8.1	123.4	16.32	13.52	60.66	61.03	-0.37	34.62	33.08	26.443	212.83	0	
"2011-05-06	10:00:00"	11.18	169.2	13.74	15.91	9.38	166.9	14.39	14.12	65.71	66.61	-0.901	37.09	34.86	26.444	404.18	0	
"2011-05-06	11:00:00"	11.13	192.2	13.93	17.7	9.29	191.3	17.68	16.51	70.84	72.52	-1.679	34.39	31.47	26.432	595.48	0	
"2011-05-06	12:00:00"	12.04	203.5	15.57	19.49	10.03	204.1	19.69	17.1	75.74	77.74	-1.999	29.34	26.36	26.417	759.34	0	
"2011-05-06	13:00:00"	13.25	220.8	17.26	23.66	10.76	223.3	20.42	19.49	79.66	81.9	-2.195	24.47	21.58	26.4	874.1	0	
"2011-05-06	14:00:00"	14.33	213.7	16.13	23.66	11.71	214.8	19.93	20.68	82.6	85	-2.399	22.05	19.14	26.372	928.23	0	
"2011-05-06	15:00:00"	13.5	211	16.64	22.47	11.21	211.2	20.59	20.09	84.2	86.6	-2.452	20.48	17.64	26.343	901.63	0	
"2011-05-06	16:00:00"	13.41	210.3	20.06	23.66	11.03	211.3	23.71	21.28	86.3	88.7	-2.407	16.99	14.38	26.313	857.49	0	
"2011-05-06	17:00:00"	13.11	209.6	22.1	27.84	10.8	210.5	25.71	21.28	87.6	89.7	-2.079	13.79	11.47	26.279	664.05	0	
"2011-05-06	18:00:00"	12.37	227.6	21.08	27.84	10.28	231.3	24.46	24.86	88.6	90.1	-1.457	11.19	9.14	26.255	481.74	0	
"2011-05-06	19:00:00"	10.61	252.1	57.52	20.68	8.2	251.9	58.44	17.7	87.5	88.1	-0.595	11.91	10.11	26.253	162.65	0	
"2011-05-06	20:00:00"	12.67	202.5	46.24	29.63	10.49	201.1	48.28	26.05	85.1	85.4	-0.344	15.27	13.51	26.251	111.43	0	
"2011-05-06	21:00:00"	15.44	174.7	7.411	28.43	12.51	171.5	9.11	23.66	80.5	80.3	0.243	20.26	18.77	26.251	12.882	0	
"2011-05-06	22:00:00"	11.6	172.8	6.717	17.1	9.27	169.6	7.95	14.72	76.92	76.35	0.566	22.3	21.05	26.264	0	0	
"2011-05-06	23:00:00"	13.81	176.2	7.738	19.49	11.22	173.5	9.19	16.51	74.02	73.52	0.501	26.19	24.92	26.274	0	0	
"2011-05-07	00:00:00"	16.13	181.4	7.003	24.26	13.2	179.6	9.09	20.09	70.92	70.54	0.383	33.37	32.13	26.289	0	0	
"2011-05-07	01:00:00"	13.22	188.1	8.6	20.68	10.91	188.1	11.34	17.7	67.66	67.32	0.341	38.71	37.42	26.296	0	0	
"2011-05-07	02:00:00"	12.58	189.9	8.13	20.09	10.23	190.8	10.11	15.91	65.87	65.47	0.393	45.58	44.2	26.297	0	0	
"2011-05-07	03:00:00"	10.65	195.3	11.31	15.31	8.57	196.2	14.56	13.52	63.62	63.17	0.445	51.01	49.81	26.293	0	0	
"2011-05-07	04:00:00"	7.986	202.7	11.39	12.33	5.968	206.6	15.33	9.35	61.39	60.78	0.61	55.14	54.19	26.277	0	0	
"2011-05-07	05:00:00"	7.755	215.8	8.36	10.54	5.529	221.3	11.76	8.75	59.87	59.24	0.631	57.9	57.07	26.274	0	0	
"2011-05-07	06:00:00"	7.925	218.9	8.17	11.14	5.724	223.7	11.04	8.75	58.32	57.74	0.582	60.96	60.17	26.276	0	0	
"2011-05-07	07:00:00"	7.565	226.6	8.25	11.14	5.384	234.1	10.99	7.561	56.38	55.74	0.64	64.5	63.71	26.278	0.44785	0	
"2011-05-07	08:00:00"	7.867	228	10.28	11.74	6.013	234	12.26	9.95	55.02	54.74	0.287	67.14	65.99	26.293	58.917	0	
"2011-05-07	09:00:00"	8.22	224.3	10.84	12.33	6.735	227.5	13.82	9.95	57.71	58.07	-0.366	62.55	60.36	26.315	228.62	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2011-05-07	10:00:00"	9.28	242.5	14.45	13.52	7.841	244.8	16.27	11.74	66.15	67.13	-0.98	45.16	42.38	26.324	427.71	0
"2011-05-07	11:00:00"	9.46	261.2	17.13	17.1	7.641	263.5	18.63	15.31	77.01	78.65	-1.639	21.02	18.88	26.317	627.32	0
"2011-05-07	12:00:00"	11.11	295.8	15.81	18.3	7.574	295.2	17.76	13.52	83.4	85.7	-2.311	10.18	8.15	26.31	793.98	0
"2011-05-07	13:00:00"	9.21	288.2	21.49	17.7	6.834	287.5	25.39	13.52	87	89.5	-2.465	10.25	8.09	26.298	910.53	0
"2011-05-07	14:00:00"	7.743	262.2	44.89	19.49	6.792	263.3	45.88	17.7	90.1	92.3	-2.158	6.59	4.658	26.283	967.1	0
"2011-05-07	15:00:00"	11.01	239.8	27.71	27.24	9.36	240.8	31.11	22.47	91.5	93.7	-2.288	4.943	3.083	26.267	930.25	0
"2011-05-07	16:00:00"	12.32	269.5	33.28	25.45	9.57	269.6	34.91	21.87	92.4	94.8	-2.432	3.821	2.017	26.251	886.34	0
"2011-05-07	17:00:00"	10.8	263.7	26.65	26.05	8.61	266.4	29.24	21.87	92.6	94.9	-2.267	3.707	1.913	26.229	754.93	0
"2011-05-07	18:00:00"	11.32	266.1	24.91	21.87	8.63	269.1	25.22	17.1	93.1	95	-1.907	3.949	2.157	26.215	568.1	0
"2011-05-07	19:00:00"	15.81	265.6	16.33	30.82	12.16	267.7	17.85	26.05	93	94.1	-1.114	2.691	1.047	26.21	370.9	0
"2011-05-07	20:00:00"	13.14	259	14.17	29.03	10.27	262.2	15.86	27.24	91.7	91.8	-0.106	2.636	1.046	26.218	167.3	0
"2011-05-07	21:00:00"	6.633	252.1	7.069	11.14	4.595	256.6	9.72	11.14	88	86.2	1.865	3.27	1.959	26.23	14.004	0
"2011-05-07	22:00:00"	5.638	236.9	16.85	8.16	3.673	232.2	23.11	5.175	83.8	81.9	1.857	4.014	2.846	26.245	0	0
"2011-05-07	23:00:00"	7.012	237.4	12.78	12.33	4.962	235.5	17.52	8.75	79.85	78.53	1.32	4.433	3.197	26.258	0	0
"2011-05-08	00:00:00"	6.052	247.9	9.1	9.95	4.082	249.8	12.66	8.16	78.36	76.4	1.963	4.563	3.478	26.258	0	0
"2011-05-08	01:00:00"	6.356	244.1	9.18	9.95	4.245	239.4	14.72	7.561	76.65	74.81	1.84	5.066	3.95	26.255	0	0
"2011-05-08	02:00:00"	7.447	261.4	11.22	9.95	4.478	265.6	18.28	6.368	77.77	74.07	3.704	4.852	4.191	26.251	0	0
"2011-05-08	03:00:00"	11.16	171.3	13.32	18.3	8.73	168	12.18	15.31	71.55	70.56	0.985	22.47	20.77	26.253	0	0
"2011-05-08	04:00:00"	8.14	186.8	8.98	14.12	6.226	190.3	12.86	11.14	67.31	66.4	0.92	38.05	36.56	26.248	0	0
"2011-05-08	05:00:00"	6.358	215	15.67	10.54	4.339	223.3	17.3	8.16	65	63.89	1.102	44.67	43.18	26.251	0	0
"2011-05-08	06:00:00"	6.283	231.8	11.87	10.54	4.245	240.3	14.29	8.16	63.28	61.84	1.434	43.83	42.38	26.258	0	0
"2011-05-08	07:00:00"	6.699	216.2	13.45	10.54	4.388	223.1	18.2	9.35	62.76	61.24	1.52	50.1	48.78	26.262	0.59277	0
"2011-05-08	08:00:00"	7.113	225.2	12.22	10.54	5.119	230.4	14.98	8.16	61.13	60.39	0.743	55.35	54.03	26.275	64.878	0
"2011-05-08	09:00:00"	4.391	239	9.6	6.964	4.09	245.1	12.58	6.368	63.79	63.98	-0.199	50.83	48.62	26.28	235.81	0
"2011-05-08	10:00:00"	7.342	246.3	12.23	13.52	6.406	247.4	14.19	11.14	74.12	74.83	-0.709	21.96	20.45	26.28	431.92	0
"2011-05-08	11:00:00"	10.88	265.1	14.62	17.1	8.66	267.3	16.91	14.72	83.4	85.1	-1.698	6.234	4.621	26.277	640.05	0
"2011-05-08	12:00:00"	13.19	279.4	16.63	28.43	9.61	281.1	18.33	19.49	88.1	90.5	-2.396	3.216	1.579	26.263	820.63	0
"2011-05-08	13:00:00"	12.82	266.4	15.99	24.26	10.21	268.2	17.68	20.09	89.4	92	-2.617	2.715	1.041	26.251	918.8	0
"2011-05-08	14:00:00"	17.09	253.5	15.96	30.22	14.04	256.9	17.64	26.65	90.4	93.1	-2.659	2.583	0.853	26.232	984.54	0
"2011-05-08	15:00:00"	14.91	255.3	28.75	29.03	11.84	256.9	31.71	23.66	91.6	94.2	-2.574	2.624	0.889	26.207	917.37	0
"2011-05-08	16:00:00"	16.41	238.2	19.93	33.8	13.53	241.8	21.84	27.24	92.9	95.2	-2.291	2.197	0.496	26.184	908.15	0
"2011-05-08	17:00:00"	21.08	240.5	16.47	42.15	17.17	243.5	18.76	36.19	93	94.8	-1.81	1.955	0.308	26.164	754.8	0
"2011-05-08	18:00:00"	22.29	241.7	14.08	36.78	18.13	246	15.85	32.61	93.2	94.5	-1.307	2.228	0.521	26.147	588.62	0
"2011-05-08	19:00:00"	21.34	241.7	11.68	33.8	17.71	245.9	13.43	30.82	93	93.7	-0.712	2.245	0.569	26.141	384.67	0
"2011-05-08	20:00:00"	21.37	247.2	12.06	30.82	17.05	250.2	13.77	26.65	91.8	91.8	-0.067	2.294	0.672	26.137	184.69	0
"2011-05-08	21:00:00"	15.98	258.6	8.29	25.45	12.41	262.1	10.85	21.87	87.9	87	0.836	2.181	0.665	26.151	22.969	0
"2011-05-08	22:00:00"	11.49	271.2	8.02	17.7	8.39	274.7	10.75	14.12	83.7	82.2	1.469	2.246	0.853	26.172	0	0
"2011-05-08	23:00:00"	10.02	268.5	6.749	14.12	7.218	270.5	9.05	11.14	81.3	79.23	2.033	2.198	0.932	26.181	0	0
"2011-05-09	00:00:00"	9.24	285.4	13.13	14.72	4.746	295.5	14.83	9.35	76.79	73.15	3.639	2.723	1.833	26.179	0	0
"2011-05-09	01:00:00"	11.77	255.6	71.04	24.86	7.479	261.7	77.2	21.28	75.04	72.98	2.057	5.59	4.21	26.179	0	0
"2011-05-09	02:00:00"	12.02	167.1	8.54	17.1	9.69	164.2	9.66	14.72	72.43	71.85	0.575	41.29	39.29	26.195	0	0
"2011-05-09	03:00:00"	8.77	182.3	21.13	15.91	6.803	181.2	25.73	12.93	69.4	68.63	0.771	55.79	54.45	26.194	0	0
"2011-05-09	04:00:00"	6.901	187.8	15.24	12.33	5.31	190.3	18.12	8.75	67.18	66.29	0.895	59.06	58.4	26.193	0	0
"2011-05-09	05:00:00"	6.354	186.9	9.28	11.14	4.539	186.8	13.91	9.35	66.66	65.23	1.43	55.14	55.69	26.196	0	0
"2011-05-09	06:00:00"	5.724	229.4	13.54	8.75	4.066	241.3	15.94	6.368	66.04	64.6	1.44	54.68	54.59	26.202	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower					Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-09	07:00:00"	5.212	225.5	17.16	8.16	3.573	231.6	21.3	5.771	64.56	62.99	1.578	57.47	57.88	26.209	0.70028		0	
"2011-05-09	08:00:00"	5.234	205.5	16.89	7.561	3.611	204.1	19.6	5.175	64.29	62.79	1.502	56.64	57.17	26.221	66.445		0	
"2011-05-09	09:00:00"	4.854	242.2	19.97	9.95	4.139	243.1	20.65	6.964	67.4	67.44	-0.042	44.21	43.32	26.23	249.02		0	
"2011-05-09	10:00:00"	9.04	254.7	14.2	19.49	7.593	257.2	15.63	15.91	77.44	78.4	-0.958	13.52	12.06	26.229	457.82		0	
"2011-05-09	11:00:00"	12.06	263.2	18.94	19.49	9.6	265.2	19.97	16.51	81.7	83.4	-1.728	5.32	3.711	26.222	622.47		0	
"2011-05-09	12:00:00"	14.15	244	15.22	21.87	12.12	247	16.77	20.68	83.8	85.2	-1.407	4.31	2.761	26.209	718.61		0	
"2011-05-09	13:00:00"	16.2	239.8	16.76	27.84	13.52	242.7	18.71	24.86	87.8	90.4	-2.622	3.066	1.345	26.193	929.67		0	
"2011-05-09	14:00:00"	19.28	244.1	15	30.82	16.12	248.6	16.22	25.45	89.6	92.4	-2.828	3.479	1.642	26.177	981.25		0	
"2011-05-09	15:00:00"	21.53	248	15.39	36.78	17.67	251.9	16.62	32.61	90.5	93.6	-3.009	4.602	2.648	26.156	936.22		0	
"2011-05-09	16:00:00"	23.68	244.3	16.22	37.98	19.25	248.3	17.17	33.8	91.5	94.3	-2.796	4.535	2.644	26.132	899.53		0	
"2011-05-09	17:00:00"	21.92	241.4	14.23	37.98	18.13	246	15.37	32.01	92.1	94.3	-2.184	4.01	2.151	26.11	623.1		0	
"2011-05-09	18:00:00"	20.55	239.5	16	36.19	16.78	244.1	17.52	31.42	91.1	92.4	-1.301	3.912	2.15	26.095	382.27		0	
"2011-05-09	19:00:00"	17.82	251.1	13.06	27.84	14.46	255.4	14.6	25.45	90.4	91.5	-1.032	4.223	2.483	26.09	227.87		0	
"2011-05-09	20:00:00"	13.37	248.6	11.87	24.26	10.77	252.7	13.38	18.89	88.2	88.3	-0.135	5.117	3.491	26.09	74.711		0	
"2011-05-09	21:00:00"	7.523	226	12.09	15.31	5.788	229.5	14.17	11.74	85.8	85.3	0.563	5.513	4.021	26.093	20.545		0	
"2011-05-09	22:00:00"	7.642	213.8	8.78	11.14	5.349	214.9	11.74	8.16	82.5	81.1	1.43	6.134	4.93	26.107	0		0	
"2011-05-09	23:00:00"	7.25	187.7	12.01	11.14	5.076	183.1	15.97	8.16	79.26	77.04	2.22	6.62	5.953	26.127	0		0	
"2011-05-10	00:00:00"	6.776	188.9	18.75	11.74	4.81	186.8	27.41	8.75	76.41	74.16	2.253	6.939	6.376	26.139	0		0	
"2011-05-10	01:00:00"	6.409	236.1	47.72	15.91	4.34	251.8	53.8	9.95	72.75	70.23	2.527	7.724	6.989	26.149	0		0	
"2011-05-10	02:00:00"	11.86	179.3	41.01	26.05	9.26	176.9	45.81	21.28	74.14	72.39	1.75	20.39	19.41	26.154	0		0	
"2011-05-10	03:00:00"	6.183	252.6	24.1	11.14	4.282	261.2	31.63	8.75	73.97	71.89	2.082	18.48	17.49	26.159	0		0	
"2011-05-10	04:00:00"	4.351	271.2	20.77	8.75	2.383	296.2	45.43	5.771	73.48	68.95	4.534	15.76	16.61	26.149	0		0	
"2011-05-10	05:00:00"	2.604	289.1	44.23	5.771	2.686	332.7	40.18	5.771	72.27	68.27	4.001	12.86	13.98	26.149	0		0	
"2011-05-10	06:00:00"	1.126	247.3	35.19	3.982	1.877	32.45	68.53	4.578	71.46	67.4	4.059	10.6	12.36	26.159	0		0	
"2011-05-10	07:00:00"	5.974	297.6	6.831	9.35	3.29	314.4	12.51	5.771	68.58	62.78	5.793	10.96	12.06	26.167	0.26984		0	
"2011-05-10	08:00:00"	8.53	296.6	13.89	11.14	4.161	310.1	19.58	6.368	68.24	60.75	7.493	11.09	13.13	26.178	31.189		0	
"2011-05-10	09:00:00"	3.315	244.3	20.69	6.368	3.287	223.8	32.45	5.771	64.84	62.19	2.648	14.29	15.13	26.197	91.835		0	
"2011-05-10	10:00:00"	3.424	242.1	36.68	11.14	3.377	237.2	45.71	9.35	68.62	68.53	0.094	14.14	13.24	26.195	343.34		0	
"2011-05-10	11:00:00"	17.92	245.6	12.69	32.61	14.88	249.7	13.98	28.43	80.5	81.9	-1.421	12.39	10.38	26.188	626.58		0	
"2011-05-10	12:00:00"	20.9	240	15.51	32.61	17.25	244.4	17.55	29.63	83.9	86	-2.077	12.41	10.14	26.183	798.23		0	
"2011-05-10	13:00:00"	19.1	221.7	18.52	32.01	15.44	224.4	21.55	26.65	85.5	87.9	-2.458	11.63	9.34	26.17	911.56		0	
"2011-05-10	14:00:00"	17.35	214.2	19.91	33.21	14.26	215.9	23.12	27.24	87.1	89.8	-2.737	10.21	7.958	26.151	962.46		0	
"2011-05-10	15:00:00"	14.64	197.1	23.56	29.03	12.23	197.1	27.21	23.66	89.3	92.1	-2.798	8.76	6.565	26.12	938.89		0	
"2011-05-10	16:00:00"	19.18	214.4	22.21	35	15.78	217.4	26.87	29.03	90.5	93.3	-2.725	8.67	6.479	26.09	868.19		0	
"2011-05-10	17:00:00"	19.2	228.4	17.49	35	16	231.5	20.59	35	90.8	93.1	-2.285	9.14	6.991	26.065	727.8		0	
"2011-05-10	18:00:00"	18.38	195.6	24.89	30.82	15.17	195.6	28.7	26.65	90.7	92.9	-2.19	11.63	9.48	26.042	581.39		0	
"2011-05-10	19:00:00"	18.64	171.2	11.25	32.61	15.46	169.3	12.22	27.24	88.9	90.1	-1.155	15.52	13.48	26.036	216.36		0	
"2011-05-10	20:00:00"	18.56	161.2	11.19	30.22	15.29	159.8	11.28	26.65	87.1	87.4	-0.257	18.85	17.07	26.034	52.879		0	
"2011-05-10	21:00:00"	18.19	155.1	8.62	31.42	15.06	154.8	8.76	27.24	84.3	84.2	0.069	26.19	24.56	26.041	7.4534		0	
"2011-05-10	22:00:00"	18.76	152.3	8.67	28.43	15.52	152.1	9.08	26.65	81.5	81.3	0.184	33.09	31.58	26.058	0		0	
"2011-05-10	23:00:00"	22.82	162.5	10.09	38.57	18.81	160.7	10.73	31.42	78.88	78.9	-0.02	42.38	40.57	26.081	0		0	
"2011-05-11	00:00:00"	22.76	172.5	8.69	37.98	18.65	170.3	9.89	29.63	76.05	76.13	-0.084	53.18	51.34	26.101	0		0	
"2011-05-11	01:00:00"	18.91	167.4	9.07	27.84	15.65	165.4	10.21	24.86	74.83	74.87	-0.047	59.59	57.88	26.087	0		0	
"2011-05-11	02:00:00"	16.39	169	9.79	32.01	13.48	166.8	10.65	27.24	72.96	72.76	0.2	66.4	65.79	26.092	0		0	
"2011-05-11	03:00:00"	12.26	175.7	6.987	20.68	9.93	172.5	8.43	16.51	72.34	72.08	0.255	67.71	66.71	26.095	0		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-05-11	04:00:00"	13.75	228.5	47.25	21.87	10.42	229.4	49.02	18.3	71.81	71.45	0.352	58.63	57.91	26.094	0	0
"2011-05-11	05:00:00"	11.62	287	9.03	19.49	7.172	289.8	11.76	15.91	70.82	69.65	1.167	17.34	16.82	26.131	0	0
"2011-05-11	06:00:00"	18.14	281	7.956	27.84	12.47	283.7	10.66	22.47	67.93	67.03	0.902	18.33	17.39	26.151	0	0
"2011-05-11	07:00:00"	17.28	281.7	7.581	23.66	11.83	284	10.26	20.68	66.08	65.36	0.726	20.11	18.99	26.168	0.53182	0
"2011-05-11	08:00:00"	14.37	279.4	7.631	22.47	10.19	282.3	10.45	17.7	65.02	64.59	0.431	20.91	19.7	26.201	65.202	0
"2011-05-11	09:00:00"	11.27	310	13.32	18.3	7.323	310.7	15.35	14.72	65.84	66.33	-0.486	20.84	19.07	26.238	249.47	0
"2011-05-11	10:00:00"	17.5	298.7	15.52	30.22	11.06	300.2	17.22	22.47	68.78	70.13	-1.351	17.78	15.65	26.256	456.12	0
"2011-05-11	11:00:00"	28.43	282.1	9.54	45.13	19.47	284.6	11.83	43.94	71.14	73.04	-1.899	15.03	12.72	26.255	654.1	0
"2011-05-11	12:00:00"	27.33	265.6	12.53	43.35	21.2	268.5	13.59	38.57	71.91	74.28	-2.373	12.49	10.15	26.268	828.5	0
"2011-05-11	13:00:00"	22.48	262.4	14.51	36.19	17.67	265	16.12	30.82	74.01	76.94	-2.925	9.4	7.13	26.264	946.64	0
"2011-05-11	14:00:00"	24.62	261.1	11.1	37.98	19.7	263.9	12.91	32.01	75.61	78.91	-3.296	7.017	4.819	26.24	1002.4	0
"2011-05-11	15:00:00"	20.94	257	14.63	33.21	16.98	259.9	16.16	29.63	77.72	80.9	-3.196	7.594	5.338	26.226	966.5	0
"2011-05-11	16:00:00"	22.13	257	16.41	36.19	17.68	260.4	17.75	29.63	79.3	82.4	-3.069	7.117	4.918	26.213	917.07	0
"2011-05-11	17:00:00"	23.03	256.8	12.58	35	18.7	259.8	14.11	30.22	79.6	82.4	-2.808	6.537	4.436	26.202	784.79	0
"2011-05-11	18:00:00"	22.95	258.1	12.09	33.21	18.35	261.1	13.49	29.03	80.3	82.6	-2.368	6.022	4.089	26.199	601.73	0
"2011-05-11	19:00:00"	22.52	265.4	12.05	35.59	17.57	268.5	13.46	29.03	79.99	81.7	-1.702	5.141	3.315	26.21	401.61	0
"2011-05-11	20:00:00"	19.31	264.4	9.29	29.63	15.16	267.8	11.29	26.05	79.02	79.91	-0.886	5.96	4.223	26.22	197.13	0
"2011-05-11	21:00:00"	13.06	250.3	12.21	21.87	10.45	253.2	13.32	17.7	76.31	76.32	-0.012	7.671	6.062	26.244	27.005	0
"2011-05-11	22:00:00"	6.58	235.5	11.99	10.54	5.22	238.3	13.92	9.35	71.56	70.98	0.584	10.47	9.05	26.28	0	0
"2011-05-11	23:00:00"	5.538	237.6	23.19	14.12	4.094	234.2	28.74	10.54	67.69	66.23	1.459	12.2	11.17	26.299	0	0
"2011-05-12	00:00:00"	9.11	284.4	10.21	14.12	4.969	293.2	15.47	10.54	66.06	64.1	1.964	13.36	12.42	26.309	0	0
"2011-05-12	01:00:00"	8.27	270.5	38.98	15.91	4.595	275.1	43.93	13.52	61.98	59.1	2.875	15.08	14.9	26.317	0	0
"2011-05-12	02:00:00"	6.967	221.6	29.73	12.93	4.872	224.7	37.58	9.35	60.55	58.83	1.726	15.79	15.2	26.329	0	0
"2011-05-12	03:00:00"	7.98	297.4	25.21	12.93	4.272	308.1	21.23	8.16	58.71	55.23	3.479	16.7	16.76	26.332	0	0
"2011-05-12	04:00:00"	7.058	341.1	16.5	12.33	3.889	349.4	25.98	8.16	56.01	53.11	2.901	18.46	18.02	26.343	0	0
"2011-05-12	05:00:00"	2.402	299.5	26.34	5.771	1.554	265.2	60.65	3.982	54.28	49.48	4.793	21.4	21.05	26.353	0	0
"2011-05-12	06:00:00"	3.54	276.8	23.88	6.964	2.29	284	32.38	4.578	54.38	50.05	4.329	23.14	22.93	26.361	0	0
"2011-05-12	07:00:00"	7.126	294.4	7.169	9.95	3.677	310.3	6.588	5.175	56.11	50.4	5.712	27.7	24.37	26.366	0.92379	0
"2011-05-12	08:00:00"	5.742	273.2	15.8	9.35	3.113	284.5	17.46	6.964	56.96	52.1	4.859	30.35	30.87	26.377	78.455	0
"2011-05-12	09:00:00"	10.72	311.2	14.72	18.89	7.236	310.1	16.93	15.31	61.8	62.22	-0.424	29.08	27.42	26.385	262.29	0
"2011-05-12	10:00:00"	16.08	320.2	11.74	26.65	11.18	319.5	13.95	21.87	69.13	70.58	-1.448	24.59	22.06	26.385	462.64	0
"2011-05-12	11:00:00"	18.38	315.2	14.52	29.63	12.27	315	16.44	21.87	72.84	74.82	-1.982	21.31	18.51	26.387	655.77	0
"2011-05-12	12:00:00"	15.6	277.2	13.89	24.26	11.57	278.8	15.53	21.87	74.92	77.78	-2.853	18.23	15.31	26.391	816.64	0
"2011-05-12	13:00:00"	16.96	266.9	16.43	27.84	13.29	269.1	17.57	23.66	76.9	80.1	-3.22	15.97	13.04	26.376	932.65	0
"2011-05-12	14:00:00"	16.87	280.4	15.67	40.36	12.05	281.8	17.58	26.65	78.74	81.9	-3.121	14.23	11.47	26.356	981.54	0
"2011-05-12	15:00:00"	16.68	272.2	15.59	29.63	12.83	275	17.4	25.45	80.4	83.9	-3.487	13.22	10.4	26.339	959.14	0
"2011-05-12	16:00:00"	14.89	291.3	31.69	30.82	10.55	292.3	32.38	23.07	82.5	85.8	-3.237	11.87	9.19	26.328	903.91	0
"2011-05-12	17:00:00"	15.31	303.9	21	27.24	10.31	305.1	22.24	20.09	84.3	87	-2.785	10.55	8.09	26.316	770.38	0
"2011-05-12	18:00:00"	13.75	304.2	17.74	24.86	9.15	304.6	19.55	19.49	84.9	87.3	-2.32	9.9	7.597	26.31	591.06	0
"2011-05-12	19:00:00"	11.28	304.6	22.9	21.28	7.92	303.8	22.96	17.1	85.3	87	-1.709	9.03	6.925	26.307	388.74	0
"2011-05-12	20:00:00"	11.01	312.8	18	18.89	7.596	312.9	19.13	14.72	84.7	85.4	-0.719	7.525	5.692	26.314	194.61	0
"2011-05-12	21:00:00"	6.47	331.6	18.24	11.14	4.052	337.8	18.94	6.964	81.4	80.1	1.302	8.39	6.933	26.334	27.5	0
"2011-05-12	22:00:00"	9.25	352	6.153	11.74	4.614	357.1	11.8	6.368	75.42	70.45	4.974	10.78	10.56	26.365	0	0
"2011-05-12	23:00:00"	9.55	351.5	7.592	11.74	4.612	359.1	10.58	6.964	72.77	65.27	7.494	12.04	13.05	26.389	0	0
"2011-05-13	00:00:00"	10.21	48.91	21.59	17.7	6.775	48.32	19.72	12.93	68.21	64.68	3.526	18.96	18.74	26.413	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-13	01:00:00"	10.18	56.4	9.41	14.12	6.859	53.2	10.51	10.54	63.07	61.66	1.408	27.03	25.97	26.419	0
"2011-05-13	02:00:00"	10.19	43.57	7.51	14.12	7.18	40.32	10.68	11.14	61.33	60.19	1.137	30.46	29.38	26.434	0
"2011-05-13	03:00:00"	14.33	42.75	8.83	25.45	10.81	40.94	11.04	20.68	60.21	59.49	0.719	33.26	32.14	26.455	0
"2011-05-13	04:00:00"	16.47	41.67	7.513	23.07	12.84	40.5	10.08	19.49	58.32	58.05	0.275	37.15	35.41	26.469	0
"2011-05-13	05:00:00"	16.7	39.32	7.867	26.65	12.99	38.65	10.47	21.87	56.04	55.79	0.256	40.9	39.02	26.48	0
"2011-05-13	06:00:00"	14.83	33.74	7.774	22.47	11.36	32.85	11.46	18.89	53.4	53.15	0.25	45.7	43.56	26.494	0
"2011-05-13	07:00:00"	12.79	22.38	5.948	17.1	9.3	20.72	12.74	13.52	51.14	50.79	0.348	50.22	48.31	26.519	1.0788
"2011-05-13	08:00:00"	13.85	22.17	6.683	21.28	10.4	20.86	14.14	17.7	51.26	51.31	-0.046	52.82	51.34	26.542	79.547
"2011-05-13	09:00:00"	18.55	30.4	7.949	26.65	14.41	29.99	12.91	23.07	55.68	56.56	-0.878	45.71	42.81	26.56	256.79
"2011-05-13	10:00:00"	18.17	32.03	9.05	26.65	14.32	32.07	13.58	22.47	59.46	61.08	-1.622	40.31	36.86	26.568	449.25
"2011-05-13	11:00:00"	16.37	32.14	10.74	23.07	12.97	32.36	14.88	20.09	63.32	65.8	-2.477	36.67	32.67	26.568	639.05
"2011-05-13	12:00:00"	13.8	36.45	15.6	22.47	11.18	36.21	19.43	20.68	67.65	70.58	-2.937	32.72	28.62	26.561	797.77
"2011-05-13	13:00:00"	9.72	39.59	41.3	18.89	8.07	41.6	47.59	15.31	71.79	75.28	-3.482	27.7	23.55	26.555	908.27
"2011-05-13	14:00:00"	6.276	33.12	80.8	17.1	5.502	36.97	83.8	17.1	76.61	80.1	-3.49	23.37	19.5	26.536	957.58
"2011-05-13	15:00:00"	6.032	9.44	63.8	16.51	5.424	9.25	64.56	14.72	78.88	82.8	-3.953	21.4	17.42	26.51	934.71
"2011-05-13	16:00:00"	6.72	9.54	46.7	22.47	5.875	9.66	54.24	20.09	80.7	84.6	-3.842	20.12	16.37	26.486	883.27
"2011-05-13	17:00:00"	7.584	36.05	51.21	16.51	6.728	35.98	55.82	14.12	78.16	81.1	-2.936	21.05	17.83	26.464	753.38
"2011-05-13	18:00:00"	7.245	45.47	34.83	15.91	6.497	47.35	38.07	16.51	77.13	79.35	-2.221	20.81	17.99	26.451	579.87
"2011-05-13	19:00:00"	7.99	40.72	26.2	16.51	6.901	40.44	30.32	12.93	77.43	79.13	-1.699	21.37	18.77	26.447	379.44
"2011-05-13	20:00:00"	7.205	36.16	22.52	14.72	6.135	37.29	27.58	12.33	77.15	78.15	-0.993	21.23	19.02	26.45	184.49
"2011-05-13	21:00:00"	6.493	62.41	11.63	10.54	4.473	60.06	13.04	9.35	74.51	73.78	0.726	23.32	22.09	26.458	26.26
"2011-05-13	22:00:00"	8.31	77.58	7.094	14.72	5.069	69.9	11.01	11.74	69.26	67.54	1.717	26.58	26.16	26.476	0
"2011-05-13	23:00:00"	9.42	75.7	7.809	12.93	6.685	73.95	10.01	11.14	67.28	66.58	0.697	26.76	25.72	26.498	0
"2011-05-14	00:00:00"	9.47	76.44	7.006	13.52	6.361	74.09	10.03	9.95	63.3	62.39	0.916	28.63	27.83	26.512	0
"2011-05-14	01:00:00"	10.54	81.1	6.931	14.72	7.378	78.83	9.49	11.74	60.93	60.31	0.627	27.85	26.89	26.513	0
"2011-05-14	02:00:00"	10.28	76.54	6.347	12.93	7.077	73.55	9.16	10.54	57.53	56.81	0.726	28.51	27.65	26.514	0
"2011-05-14	03:00:00"	10.73	73.65	6.871	14.12	7.579	70.86	9.48	11.74	55.95	55.32	0.629	28.53	27.57	26.505	0
"2011-05-14	04:00:00"	10.97	75.82	7.771	17.7	7.79	73.47	10.19	14.72	54.27	53.68	0.585	31.1	30.08	26.504	0
"2011-05-14	05:00:00"	11.64	72.49	8.12	16.51	8.61	70.3	10.29	13.52	53.36	52.96	0.393	34.05	32.85	26.509	0
"2011-05-14	06:00:00"	11.57	62.12	7.214	15.31	8.63	60.7	9.45	12.93	49.39	49.11	0.287	39.31	37.96	26.508	0
"2011-05-14	07:00:00"	11.65	56.36	7.651	15.31	8.72	55.13	9.64	12.93	48.03	47.76	0.272	44.82	43.31	26.514	1.3268
"2011-05-14	08:00:00"	11.19	61.41	9.5	17.1	8.56	61.41	11.71	14.72	48.78	48.88	-0.098	47.82	46	26.536	76.64
"2011-05-14	09:00:00"	13.06	87.6	10.15	20.68	10.29	87.3	12.52	17.1	53.59	54.22	-0.628	45.63	43.11	26.568	248.04
"2011-05-14	10:00:00"	13.14	87.4	12.35	18.89	10.62	88	14.47	16.51	56.35	57.56	-1.21	43.18	40.07	26.573	440.49
"2011-05-14	11:00:00"	11.09	86.8	16.65	18.3	9.22	87.5	18.69	16.51	58.95	60.63	-1.677	39.48	36.34	26.569	629.38
"2011-05-14	12:00:00"	12.55	92	17.61	20.68	10.39	93.1	19.96	18.3	62.06	64.26	-2.196	35.5	32.14	26.556	788.1
"2011-05-14	13:00:00"	12.35	86.6	16.72	23.66	10.2	86.3	19.2	17.7	64.87	67.32	-2.447	31.43	28.06	26.534	899.92
"2011-05-14	14:00:00"	13.55	96	17.6	22.47	11.21	96.4	19.87	18.89	67.63	70.19	-2.561	27.69	24.41	26.502	953.36
"2011-05-14	15:00:00"	12.97	111.8	19.73	22.47	10.66	112.6	22.47	20.09	70.06	73.07	-3.012	24.92	21.56	26.47	925.33
"2011-05-14	16:00:00"	12.27	112.9	19.21	26.65	10.23	112.5	21.38	18.89	71.93	74.7	-2.769	23.18	19.93	26.442	872.49
"2011-05-14	17:00:00"	12.88	125	17.54	23.66	10.68	125.1	19.56	20.68	73.32	76.44	-3.121	22.23	18.84	26.408	743.13
"2011-05-14	18:00:00"	14.44	117.8	19.15	29.63	11.68	117.4	21.11	23.07	74.03	76.47	-2.433	21.24	18.28	26.382	567.06
"2011-05-14	19:00:00"	15.77	127.5	13.9	25.45	12.58	127.9	15.07	20.09	74.16	76.32	-2.165	21.05	18.23	26.372	368.12
"2011-05-14	20:00:00"	15.14	126	10.69	21.87	11.94	126.3	13.16	20.09	73.31	74.97	-1.653	21.11	18.56	26.369	175.4
"2011-05-14	21:00:00"	12.25	113.3	11.6	18.3	9.47	113.2	13.61	14.72	70.95	71.25	-0.304	21.67	19.86	26.382	24.614

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-14	22:00:00"	10.73	95.1	7.608	15.91	8.01	93.4	9.14	12.93	66.43	66.11	0.316	23.34	21.92	26.391	0
"2011-05-14	23:00:00"	10.72	87.1	7.15	15.91	8.58	85.2	9.29	13.52	64.2	63.86	0.334	24.93	23.54	26.406	0
"2011-05-15	00:00:00"	11.98	88.1	6.951	17.1	8.93	86.5	8.85	13.52	61.84	61.54	0.302	27.22	25.86	26.426	0
"2011-05-15	01:00:00"	12.5	91.7	6.977	17.7	9.52	90	8.76	15.31	59.98	59.73	0.255	29.38	28	26.428	0
"2011-05-15	02:00:00"	14	94	7.113	19.49	10.88	92.5	8.43	17.1	58.93	58.73	0.209	31.63	30.23	26.426	0
"2011-05-15	03:00:00"	13.79	97.7	7.527	20.09	10.69	96.5	9.09	15.91	57.49	57.29	0.196	34.19	32.81	26.425	0
"2011-05-15	04:00:00"	13.36	95.9	7.67	18.3	10.34	94.5	9.25	15.91	56.05	55.86	0.197	36.56	35.19	26.427	0
"2011-05-15	05:00:00"	13.28	93	7.823	18.89	10.31	91.8	9.04	15.91	54.68	54.49	0.191	39.6	38.19	26.428	0
"2011-05-15	06:00:00"	12.48	87.3	9.53	18.3	9.49	86.6	11.57	14.12	53.18	52.99	0.19	43	41.38	26.434	0
"2011-05-15	07:00:00"	12.05	83.8	7.453	17.1	9.17	82.9	9.89	13.52	50.95	50.79	0.16	46.33	44.7	26.45	1.07
"2011-05-15	08:00:00"	12	85.8	8.16	17.7	9.28	84.7	9.66	14.72	50.6	50.65	-0.046	47.83	45.95	26.473	50.955
"2011-05-15	09:00:00"	13.79	97.4	8.85	20.68	11.03	96.1	10.18	17.7	53.43	53.88	-0.446	46.35	43.92	26.503	158.55
"2011-05-15	10:00:00"	16.17	98.4	9.05	24.26	12.85	97.3	10.88	19.49	56.01	56.76	-0.754	44.61	41.76	26.525	198.84
"2011-05-15	11:00:00"	16.49	93.3	10.97	24.86	13.25	92.4	12.93	20.68	58.98	60.39	-1.416	40.98	37.78	26.534	540.81
"2011-05-15	12:00:00"	17.12	95.1	13.36	29.03	13.85	94.4	15.64	24.26	61.67	63.66	-1.994	36.95	33.53	26.521	727.61
"2011-05-15	13:00:00"	13.49	111.9	21.2	24.86	10.98	112.5	23.31	21.28	64.4	67.03	-2.633	33.76	29.94	26.516	873.61
"2011-05-15	14:00:00"	11.63	131	25.29	21.87	9.73	129	26.73	18.89	66.55	69.39	-2.837	32.74	28.79	26.495	928.91
"2011-05-15	15:00:00"	11.55	137.5	29.33	23.07	9.64	137.1	29.5	19.49	69.15	71.81	-2.652	31.52	27.79	26.467	905.91
"2011-05-15	16:00:00"	10.92	143.1	25.7	20.68	9.17	143	27.07	17.7	71.32	74.05	-2.735	30.51	26.81	26.442	859.14
"2011-05-15	17:00:00"	11.18	117.3	20.34	21.28	9.37	117.1	22.96	17.7	73.06	75.59	-2.531	28.96	25.49	26.418	742.67
"2011-05-15	18:00:00"	10.41	142.3	28.36	23.66	8.73	142	30.94	18.89	74.15	76.37	-2.22	28.86	25.62	26.399	570.86
"2011-05-15	19:00:00"	10.7	130.2	20.9	18.3	8.89	130	22.36	16.51	74.73	76.84	-2.106	28.64	25.48	26.393	375.46
"2011-05-15	20:00:00"	10.68	120.5	18.6	18.89	8.76	119.5	19.89	16.51	74.28	75.54	-1.26	29.14	26.55	26.394	181.97
"2011-05-15	21:00:00"	10.09	108.3	8.54	15.91	7.784	107.4	11.12	12.93	71.9	72.01	-0.106	30.64	28.89	26.41	26.712
"2011-05-15	22:00:00"	9.34	104.3	7.076	12.93	6.744	101.9	8.86	9.35	67.47	67.1	0.366	33.98	32.64	26.428	0.00077
"2011-05-15	23:00:00"	9.59	95.9	6.997	12.93	6.635	92.1	9.23	10.54	63.18	62.69	0.485	37.77	36.6	26.445	0
"2011-05-16	00:00:00"	10.48	97.2	8.26	16.51	7.661	94.9	10	12.33	61.37	61	0.376	39.26	38.07	26.45	0
"2011-05-16	01:00:00"	11.32	107.3	7.838	15.91	8.71	105.8	10.01	14.12	60.5	60.25	0.25	40.81	39.36	26.445	0
"2011-05-16	02:00:00"	9.05	94.2	6.893	12.33	6.362	90.6	8.49	11.14	56.11	55.68	0.426	45.85	44.57	26.444	0
"2011-05-16	03:00:00"	9.18	87.5	6.592	12.93	6.273	83.4	8.97	9.95	53.51	53	0.507	48.8	47.67	26.443	0
"2011-05-16	04:00:00"	8.75	85.9	5.835	11.14	5.964	81.5	8.29	8.75	51.55	51.02	0.525	52.54	51.43	26.441	0
"2011-05-16	05:00:00"	8.72	85.2	5.235	11.14	5.773	79.61	7.921	8.16	49.86	49.2	0.655	56.92	56.01	26.442	0
"2011-05-16	06:00:00"	9.13	87.8	5.638	11.74	5.922	82.2	8.46	8.75	48.61	47.92	0.691	61.14	60.23	26.446	0
"2011-05-16	07:00:00"	9.75	90.1	5.522	12.93	6.56	85.3	7.983	9.95	48.46	47.89	0.569	64.89	63.94	26.447	1.4175
"2011-05-16	08:00:00"	10.99	100.4	8.56	17.1	8.44	98.4	10.94	14.12	50.24	50.21	0.03	63.19	61.85	26.46	75.85
"2011-05-16	09:00:00"	15.34	117.4	9.24	22.47	12.15	118	12.52	17.7	56.18	57.05	-0.87	53.95	51.16	26.477	247.74
"2011-05-16	10:00:00"	14.89	130.1	10.92	20.09	11.87	131.2	12.74	17.1	61.23	63.25	-2.022	45.38	41.26	26.485	443.04
"2011-05-16	11:00:00"	15.62	146.8	10.67	23.66	12.4	146.1	11.38	20.68	65.15	67.24	-2.09	40.8	37.15	26.487	630.25
"2011-05-16	12:00:00"	14.39	153.9	16.45	22.47	11.78	153	16.67	18.89	67.81	70.19	-2.386	41.81	37.58	26.474	789.02
"2011-05-16	13:00:00"	14.95	154.7	15.05	24.26	12.15	154.1	14.94	22.47	70.84	73.23	-2.388	37.29	33.66	26.454	876.46
"2011-05-16	14:00:00"	15.44	152.2	16.97	26.65	12.62	151.2	17.01	21.28	73.9	76.71	-2.805	33.04	29.39	26.426	917.88
"2011-05-16	15:00:00"	15.99	155.6	15.63	26.05	13.05	154.3	15.95	22.47	76.96	79.69	-2.726	29.87	26.47	26.395	917.87
"2011-05-16	16:00:00"	15.04	155.3	17.36	26.05	12.26	154	18.84	21.28	79.06	81.4	-2.376	27.3	24.25	26.366	665.36
"2011-05-16	17:00:00"	12.87	152.2	20.1	22.47	10.66	151	21.26	18.89	80.8	83.1	-2.217	25.41	22.59	26.334	655.9
"2011-05-16	18:00:00"	13.29	152.1	18.06	23.66	10.86	151.9	19.17	20.09	81.9	84.1	-2.233	24.78	21.91	26.307	564.97

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-16	19:00:00"	13.77	155.3	15.89	24.26	11.15	154	15.77	19.49	82.4	84	-1.605	23.86	21.28	26.289	369.34	0	
"2011-05-16	20:00:00"	14.57	153.8	11.84	23.07	11.6	152	11.68	18.89	81.9	82.7	-0.794	24.78	22.64	26.275	176.81	0	
"2011-05-16	21:00:00"	15.15	147.7	8.49	23.07	11.63	146.7	9.19	20.09	79.98	80.3	-0.298	26.2	24.37	26.271	25.133	0	
"2011-05-16	22:00:00"	12.98	144	6.68	18.89	9.66	143.3	7.588	17.1	77.03	77.27	-0.244	28.51	26.73	26.283	0.0046	0	
"2011-05-16	23:00:00"	11.12	151.6	7.966	15.91	8.45	149.8	8.05	12.93	74.47	74.32	0.149	31.23	29.74	26.293	0	0	
"2011-05-17	00:00:00"	11.04	157.8	11.22	17.1	8.61	156.1	11.16	13.52	72.78	72.52	0.258	36.16	34.78	26.299	0	0	
"2011-05-17	01:00:00"	13.74	174.9	6.889	20.09	11.19	171.9	8.72	17.1	71.21	70.85	0.355	42.83	41.45	26.294	0	0	
"2011-05-17	02:00:00"	11.96	169.8	8.07	18.3	9.74	167.3	9.38	15.91	68.4	68.13	0.267	49.47	48.05	26.282	0	0	
"2011-05-17	03:00:00"	11.87	157.7	8.88	18.89	9.34	155.1	8.77	14.12	66.9	66.73	0.172	55.79	54.31	26.265	0	0	
"2011-05-17	04:00:00"	9.21	159	10.35	14.72	7.276	157.6	10.45	11.14	64.88	64.72	0.159	61.19	59.72	26.251	0	0	
"2011-05-17	05:00:00"	9.7	170.9	7.859	13.52	7.764	169.1	9.37	13.52	63.5	63.19	0.313	65.83	64.74	26.247	0	0	
"2011-05-17	06:00:00"	8.04	170.1	7.871	12.33	6.314	168.1	9.05	10.54	62.14	61.77	0.372	70.23	69.28	26.244	0	0	
"2011-05-17	07:00:00"	5.836	171.9	10.34	9.35	4.44	168.2	12.91	6.964	61.05	60.43	0.618	73.3	72.67	26.244	1.4176	0	
"2011-05-17	08:00:00"	6.84	170.2	12.31	10.54	5.453	167.4	14.68	8.75	60.64	60.4	0.236	74.57	73.64	26.246	78.229	0	
"2011-05-17	09:00:00"	9.45	167.3	11.67	17.1	7.891	164.3	12.57	15.31	63.37	63.83	-0.452	69.94	67.87	26.248	255.66	0	
"2011-05-17	10:00:00"	11.15	196.8	13.84	15.91	9.4	197.7	17.41	14.12	69	70.28	-1.28	57.11	53.36	26.245	449.51	0	
"2011-05-17	11:00:00"	11.04	227.8	18.39	18.3	9.37	231.8	21.61	17.1	74.46	76.54	-2.078	39.46	35.5	26.237	642.9	0	
"2011-05-17	12:00:00"	16.68	259	18.95	30.22	13.2	261.7	20.15	22.47	81.1	83.5	-2.429	14.2	11.92	26.214	818.21	0	
"2011-05-17	13:00:00"	18.3	246.5	13.24	29.03	15.22	250.6	14.69	25.45	83.6	86.3	-2.677	10.94	8.69	26.197	940.36	0	
"2011-05-17	14:00:00"	17.43	240.5	15.88	30.22	14.7	247	15.86	25.45	85.8	88.6	-2.878	8.18	6.022	26.179	984.95	0	
"2011-05-17	15:00:00"	20.06	242.5	13.55	33.8	16.76	246.7	14.71	29.03	86.1	88.5	-2.453	7.095	5.056	26.162	712.31	0	
"2011-05-17	16:00:00"	19.42	247.4	16.2	36.19	16	251.1	16.91	29.03	86.2	88.4	-2.279	6.799	4.831	26.146	725.59	0	
"2011-05-17	17:00:00"	20.19	249.5	13.99	35	16.44	253.5	15.37	30.22	86.7	89.4	-2.643	6.624	4.607	26.126	765.21	0	
"2011-05-17	18:00:00"	19.63	249.1	16.81	37.38	15.83	253.5	17.79	30.22	86.3	88.5	-2.178	7.194	5.311	26.114	576.31	0	
"2011-05-17	19:00:00"	21.24	252.9	10.14	33.21	16.92	256.6	12.33	28.43	87.2	88.8	-1.618	8.07	6.129	26.097	376.44	0	
"2011-05-17	20:00:00"	21.74	255.9	8.62	37.98	17.04	258.9	11.48	29.03	85.9	86.7	-0.781	9.5	7.728	26.094	178.31	0	
"2011-05-17	21:00:00"	15.71	256	7.308	26.65	12.2	258.9	10.25	21.87	83.4	83.3	0.077	10.28	8.75	26.1	23.595	0	
"2011-05-17	22:00:00"	10.77	262.5	7.407	17.1	8.12	266.1	10.04	14.12	79.24	78.54	0.704	11.53	10.33	26.112	0	0	
"2011-05-17	23:00:00"	10.86	274.2	9.67	18.3	7.696	277.8	12.75	13.52	76.69	75.63	1.054	13.43	12.31	26.129	0	0	
"2011-05-18	00:00:00"	13.28	269.5	9.38	21.87	9.75	272.7	11.44	18.3	74.14	73.05	1.087	14.65	13.67	26.139	0	0	
"2011-05-18	01:00:00"	11.09	286.7	9.56	20.09	6.511	292.1	13.32	14.12	71.34	70.04	1.296	15.57	14.59	26.133	0	0	
"2011-05-18	02:00:00"	18.69	277.1	6.184	25.45	13.34	280.2	9.99	20.68	72.49	71.31	1.182	15.52	14.56	26.114	0	0	
"2011-05-18	03:00:00"	16.89	280.5	7.907	26.05	11.57	283.7	10.56	21.87	72.51	71.62	0.885	15.74	14.62	26.107	0	0	
"2011-05-18	04:00:00"	20.08	282.6	7.77	29.63	13.4	285.3	10.74	23.66	71.66	70.96	0.705	16.44	15.24	26.097	0	0	
"2011-05-18	05:00:00"	17.87	283.4	6.891	27.24	11.53	286.4	10.54	20.09	70.11	69.36	0.748	17.85	16.68	26.087	0	0	
"2011-05-18	06:00:00"	18.31	274.9	7.387	25.45	13.53	277	9.99	24.86	70.57	69.69	0.882	18.14	17.09	26.096	0	0	
"2011-05-18	07:00:00"	8.35	235.9	49.31	21.28	6.618	236	52.34	16.51	68.15	67.48	0.675	19.2	18.1	26.115	1.6124	0	
"2011-05-18	08:00:00"	5.714	250.3	40.96	10.54	3.841	254.2	47.79	8.16	64.56	63.4	1.16	22.03	21.35	26.138	87.986	0	
"2011-05-18	09:00:00"	3.893	236.7	42.53	12.33	3.509	232.8	46.58	9.35	68	68.3	-0.292	21.03	19.46	26.149	246.12	0	
"2011-05-18	10:00:00"	16.92	268	11.24	30.22	12.97	270.7	13.01	26.65	74.3	75.79	-1.494	18.78	16.61	26.151	452.94	0	
"2011-05-18	11:00:00"	22.61	264.2	10.94	37.38	17.62	267	13.35	33.21	76.36	78.44	-2.076	18.33	15.88	26.148	636.36	0	
"2011-05-18	12:00:00"	23.96	258.5	13.5	37.98	19.23	260.8	15.73	30.22	77.64	79.97	-2.322	18.36	15.74	26.134	796.5	0	
"2011-05-18	13:00:00"	22.63	253.5	13.74	37.38	18.39	256.6	14.86	32.61	79.19	81.7	-2.504	17.63	15	26.115	912.73	0	
"2011-05-18	14:00:00"	17.65	239.1	16.22	39.17	14.71	243.1	18.03	35	81.6	84.4	-2.745	16.51	13.84	26.092	968.94	0	
"2011-05-18	15:00:00"	18.33	239.5	18.99	31.42	14.89	244.4	19.81	26.05	83.1	86.1	-2.963	16.17	13.47	26.072	942.83	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-18	16:00:00"	20.93	234.6	16.38	42.75	17.24	239	17.83	35.59	84.2	87	-2.758	15.23	12.58	26.05	918.73	0	
"2011-05-18	17:00:00"	22.29	237	14.71	37.38	18.7	242.6	15.39	31.42	85.1	87.1	-2.046	14.53	12.21	26.025	735.49	0	
"2011-05-18	18:00:00"	23.71	235.4	15.38	39.77	19.29	239.9	17.52	33.8	85.3	87.1	-1.783	13.9	11.69	26.003	586.25	0	
"2011-05-18	19:00:00"	20.12	220.9	15.1	35.59	15.62	226.7	18.45	27.84	86.1	87.4	-1.348	13.55	11.45	25.988	387.44	0	
"2011-05-18	20:00:00"	16.99	223.9	13.96	32.01	13.39	231.8	17.66	24.86	85.7	86.3	-0.621	13.36	11.5	25.977	127.67	0	
"2011-05-18	21:00:00"	9.75	215.4	14.55	19.49	7.713	218.4	18.68	17.1	83.4	83.1	0.294	13.86	12.4	25.983	16.86	0	
"2011-05-18	22:00:00"	8.27	186.3	14.16	13.52	6.304	186.4	15.16	11.14	79.85	78.88	0.969	15.79	14.79	25.989	0.00182	0	
"2011-05-18	23:00:00"	6.565	242.9	29.27	15.91	4.67	248.6	33.93	14.12	77.99	75.84	2.154	16.86	16.53	26.011	0	0	
"2011-05-19	00:00:00"	8.83	217.5	16.26	13.52	6.438	225	20.61	10.54	78.38	76.64	1.746	16.11	15.56	26.02	0	0	
"2011-05-19	01:00:00"	14.04	181.5	10.85	24.26	11.48	179.6	13.67	20.68	75.28	74.63	0.652	31.36	30.26	26.039	0	0	
"2011-05-19	02:00:00"	12.16	199.2	17.09	21.28	9.69	200.9	21.2	17.1	73.13	72.75	0.379	42.85	41.56	26.053	0	0	
"2011-05-19	03:00:00"	8.38	198.5	11.25	15.31	6.589	199.9	15.37	12.33	71.52	71.02	0.491	50.46	49.17	26.058	0	0	
"2011-05-19	04:00:00"	2.919	214.3	15.48	9.35	3.397	225.7	21.04	7.561	68.21	67.49	0.71	57.3	56.17	26.065	0	0	
"2011-05-19	05:00:00"	2.619	196.9	39.1	7.561	3.081	186.1	63.63	5.771	66.41	65.13	1.28	58.88	58.63	26.077	0	0	
"2011-05-19	06:00:00"	5.644	254.4	32.02	13.52	3.917	253.5	44.64	9.95	65.86	62.96	2.908	41.05	46.09	26.087	0	0	
"2011-05-19	07:00:00"	3.765	284.2	47.06	9.35	1.341	295.9	77.56	5.771	63.96	61.69	2.272	30.81	31.93	26.103	1.4472	0	
"2011-05-19	08:00:00"	5.585	288.5	31.86	12.93	1.862	304.3	43.39	7.561	63.05	60.75	2.301	31.48	32.95	26.125	84.605	0	
"2011-05-19	09:00:00"	7.726	357.2	30.68	11.74	5.13	355	32.36	9.95	67.85	68.52	-0.675	28.13	26.63	26.143	260.82	0	
"2011-05-19	10:00:00"	5.85	327.3	49.04	12.33	4.056	328.7	49.57	10.54	72.95	74.81	-1.862	26.79	24.05	26.154	454.55	0	
"2011-05-19	11:00:00"	9.53	272.4	26.09	16.51	5.039	272.7	28.93	14.12	76.68	79.15	-2.474	24.46	21.29	26.155	642.25	0	
"2011-05-19	12:00:00"	16.99	246.6	15.6	29.63	12.51	249	17.95	26.05	78.83	81.4	-2.539	23.55	20.45	26.154	797.79	0	
"2011-05-19	13:00:00"	19.99	232	19.67	33.21	15.21	236.1	21.31	28.43	80.8	83.4	-2.675	21.36	18.34	26.143	911.79	0	
"2011-05-19	14:00:00"	19.77	228.8	15.57	36.19	16.31	233.9	18.23	31.42	82.2	84.7	-2.524	20.13	17.24	26.13	960.91	0	
"2011-05-19	15:00:00"	19.6	229.6	15.33	33.21	16.26	234.6	17.81	27.84	83.5	86.1	-2.619	18.75	15.87	26.119	929.7	0	
"2011-05-19	16:00:00"	20.07	228.3	15.05	35	16.48	233.5	18.63	27.84	84.8	87.1	-2.352	17.91	15.25	26.104	880.96	0	
"2011-05-19	17:00:00"	19.66	227.3	18.8	39.77	16.24	231.6	21.19	32.61	86.7	88.9	-2.199	15.92	13.46	26.084	754.07	0	
"2011-05-19	18:00:00"	16.23	215.7	19.78	30.82	13.16	218.7	23.07	24.86	88.2	90.3	-2.077	14.81	12.49	26.07	594.84	0	
"2011-05-19	19:00:00"	16.05	231.6	16.68	33.8	13	235.9	18.99	27.24	88.9	90.5	-1.624	13.76	11.54	26.061	384.89	0	
"2011-05-19	20:00:00"	14.54	264.2	17.81	25.45	11.03	267.2	18.57	20.68	87.1	88	-0.936	14.66	12.65	26.062	138.13	0	
"2011-05-19	21:00:00"	9.92	293	10.3	14.12	5.64	295.6	12.94	11.14	84.6	84.3	0.312	16.73	15.16	26.077	45.974	0	
"2011-05-19	22:00:00"	9.82	315.3	11.19	15.31	6.039	317.2	13.09	12.33	80.7	79.66	0.986	18.83	17.58	26.097	0.01705	0	
"2011-05-19	23:00:00"	12.1	325.5	7.128	17.1	8.23	325.7	10.4	14.12	76	74.9	1.105	20.25	19.19	26.12	0	0	
"2011-05-20	00:00:00"	11.03	323.2	7.02	16.51	7.379	323.2	9.76	12.33	72.83	71.8	1.036	20	18.92	26.148	0	0	
"2011-05-20	01:00:00"	15.45	331.1	18.47	26.65	10.85	329.5	17.93	20.68	71.75	71.17	0.58	21.26	20.05	26.166	0	0	
"2011-05-20	02:00:00"	10.34	352.3	11.03	18.89	7.683	349.1	12.39	15.31	69.68	69.37	0.305	23.15	21.67	26.181	0	0	
"2011-05-20	03:00:00"	6.068	354.8	10.67	9.35	3.574	348.5	9.96	5.771	65.53	63.66	1.862	26.08	25.22	26.207	0	0	
"2011-05-20	04:00:00"	6.951	349.5	24.02	11.14	3.997	359.3	37.64	6.368	63.73	58.95	4.784	27.24	28.92	26.217	0	0	
"2011-05-20	05:00:00"	7.866	347.4	16.39	11.74	4.267	350.6	16.16	8.16	60.01	56.8	3.209	28.87	29.85	26.251	0	0	
"2011-05-20	06:00:00"	7.034	2.502	19.11	8.75	3.859	357.3	10.52	5.175	58.36	52.49	5.872	30	32.82	26.275	0	0	
"2011-05-20	07:00:00"	6.572	355.8	13.04	11.14	3.183	355.1	17.72	5.175	57.04	50.92	6.116	30.86	35.07	26.292	0.42162	0	
"2011-05-20	08:00:00"	3.637	310.4	19.21	6.368	1.743	297.8	29.52	4.578	57.08	55.11	1.964	30.71	31.7	26.303	28.156	0	
"2011-05-20	09:00:00"	1.203	15.1	53.95	5.175	1.781	7.554	68.88	3.982	59.11	58.36	0.756	29.44	29.22	26.327	99.783	0	
"2011-05-20	10:00:00"	3.936	40.8	30.42	11.14	3.922	43.59	36.1	11.14	64.06	64.97	-0.914	26.23	24.42	26.34	360.06	0	
"2011-05-20	11:00:00"	6.471	327.5	41.45	17.1	5.182	325.1	45.78	11.74	68.91	71.33	-2.423	22.07	19.07	26.343	646.16	0	
"2011-05-20	12:00:00"	12.35	281.9	24.34	23.66	9.18	283.6	25.64	20.68	71.14	74.1	-2.954	18.55	15.55	26.335	799.73	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-20	13:00:00"	17.01	265.7	19.22	40.96	13.2	268.6	20.69	27.84	72.97	76.16	-3.188	15.58	12.71	26.318	928.53	0
"2011-05-20	14:00:00"	17.18	249.9	19.02	32.01	14.15	253.8	19.55	30.82	75.74	78.7	-2.962	13.69	11.04	26.292	977.92	0
"2011-05-20	15:00:00"	17.88	268.4	16.7	33.8	13.68	270.6	18.7	27.84	77.83	81.2	-3.403	10.15	7.695	26.276	952.38	0
"2011-05-20	16:00:00"	18.2	267.9	16.96	32.01	13.93	269.7	18.27	26.05	78.85	82	-3.178	7.131	4.947	26.267	910.29	0
"2011-05-20	17:00:00"	16.16	259.4	19.8	29.03	12.96	262.2	21.05	23.66	79.94	82.9	-2.946	6.797	4.706	26.254	779.05	0
"2011-05-20	18:00:00"	18	254.8	15.08	31.42	14.66	257.5	17.02	27.84	80.1	82.6	-2.512	6.397	4.452	26.241	604.99	0
"2011-05-20	19:00:00"	20.6	262.9	11.07	34.4	16.11	265.5	13.41	26.05	79.79	81.8	-1.973	6.644	4.707	26.235	404.29	0
"2011-05-20	20:00:00"	18.58	262.1	11.11	27.84	14.38	265.2	13.26	24.86	79.13	80.2	-1.043	7.376	5.581	26.238	206.17	0
"2011-05-20	21:00:00"	16.83	262.2	6.663	25.45	13.24	265.8	9.12	22.47	76.72	76.83	-0.11	9.35	7.777	26.255	36.502	0
"2011-05-20	22:00:00"	10.97	254.6	7.08	15.91	8.24	256.7	10.25	13.52	72.8	72.33	0.478	11.46	10.05	26.275	0.01935	0
"2011-05-20	23:00:00"	6.683	242.3	19.62	11.74	5.103	242.8	23.22	9.35	68.84	67.84	0.991	14.45	13.27	26.293	0	0
"2011-05-21	00:00:00"	5.574	227.6	13.39	8.16	4.123	231.4	15.77	6.964	65.63	64.61	1.02	16.21	15.14	26.3	0	0
"2011-05-21	01:00:00"	4.574	202.2	15.29	7.561	3.455	190	18.83	5.771	62.28	60.94	1.342	17.81	17.16	26.306	0	0
"2011-05-21	02:00:00"	5.714	226.1	12.91	8.16	4.134	216.6	18.81	6.368	61.63	59.32	2.306	17.8	17.77	26.309	0	0
"2011-05-21	03:00:00"	5.478	237.7	25.42	8.75	3.934	238.8	30.73	6.964	60.91	59.4	1.504	18	17.43	26.305	0	0
"2011-05-21	04:00:00"	4.376	224.5	13.14	11.74	3.363	220	19.1	8.16	57.81	56.19	1.615	19.49	19.14	26.305	0	0
"2011-05-21	05:00:00"	7.205	246.5	10.44	11.14	5.41	250.1	12.8	10.54	57.97	56.69	1.282	19.08	18.43	26.313	0	0
"2011-05-21	06:00:00"	7.696	278.3	15.18	12.93	4.802	282.1	17.99	9.95	57.6	56.04	1.555	19.96	19.26	26.326	0	0
"2011-05-21	07:00:00"	6.449	274.6	11.16	9.95	3.942	278.1	14.51	6.368	56.03	53.52	2.506	22.4	22.39	26.333	1.9545	0
"2011-05-21	08:00:00"	7.692	283.8	5.058	9.95	4.201	288.9	9.39	7.561	56.57	55.01	1.56	24.77	24.03	26.359	90.232	0
"2011-05-21	09:00:00"	8.88	279.9	16.47	19.49	6.275	279.2	19.08	12.93	62.47	63.09	-0.618	26.98	25.02	26.37	267.31	0
"2011-05-21	10:00:00"	13.91	309.1	11.5	18.89	8.86	309.5	13.73	17.7	69.32	70.71	-1.392	26.02	23.47	26.372	462.45	0
"2011-05-21	11:00:00"	12.75	297.8	16.46	23.07	8.39	298.9	18.02	16.51	73.02	75.18	-2.162	23.08	20.17	26.369	652.4	0
"2011-05-21	12:00:00"	13.25	273.9	19.73	23.66	10.05	275.2	20.04	20.68	75.64	78.54	-2.897	20.36	17.23	26.358	814.1	0
"2011-05-21	13:00:00"	13.63	264.3	18.76	25.45	10.89	267.7	19.98	21.87	77.94	81.1	-3.202	18.11	15	26.347	925.36	0
"2011-05-21	14:00:00"	14.49	255.1	16.45	26.65	11.97	258.1	17.53	21.87	80.5	83.7	-3.211	15.48	12.57	26.327	979.06	0
"2011-05-21	15:00:00"	15.81	266.1	21.03	30.82	12.28	268.2	22.11	25.45	82.5	85.9	-3.329	13	10.27	26.308	947.92	0
"2011-05-21	16:00:00"	14.63	255.9	18.92	30.82	11.93	259.5	20.86	27.84	84.3	87.4	-3.121	11.87	9.29	26.288	898.29	0
"2011-05-21	17:00:00"	16.09	252	14.34	33.21	13.26	256	16.82	30.22	85.3	88.3	-2.982	12.06	9.52	26.265	768.17	0
"2011-05-21	18:00:00"	15.24	251.2	17.38	28.43	12.39	255.4	18.46	24.26	85.9	88.5	-2.626	12.02	9.56	26.249	591.21	0
"2011-05-21	19:00:00"	17.13	239.7	15.32	32.01	13.94	245	16.24	26.05	85.8	87.6	-1.821	10.62	8.45	26.241	395.83	0
"2011-05-21	20:00:00"	16.62	253.5	11.22	24.86	13.32	256.5	13.42	23.07	84.5	85.6	-1.013	11.42	9.5	26.238	202.9	0
"2011-05-21	21:00:00"	11.47	258.8	8.02	19.49	8.91	263	10.63	16.51	82.4	82.5	-0.057	12.93	11.31	26.244	36.766	0
"2011-05-21	22:00:00"	5.265	238.2	12.91	9.35	3.977	239.8	15.11	6.964	77.58	76.49	1.087	14.74	13.58	26.255	0.03266	0
"2011-05-21	23:00:00"	7.041	246.8	12.13	12.93	5.262	247.9	14.35	11.14	73.87	72.68	1.188	15.96	14.96	26.273	0	0
"2011-05-22	00:00:00"	8.45	254.3	6.791	11.74	6.06	255.6	9.39	9.35	71.02	69.74	1.271	16.87	15.96	26.288	0	0
"2011-05-22	01:00:00"	9.3	274.1	7.494	14.12	6.239	279.9	11.03	11.14	71.1	69.16	1.945	17.63	17.06	26.289	0	0
"2011-05-22	02:00:00"	9.76	281.7	11.51	14.72	5.536	290	15.71	12.93	71.34	69.33	2.013	17.94	17.3	26.287	0	0
"2011-05-22	03:00:00"	8.99	308.2	6.485	11.14	3.374	309.9	10.09	5.771	66.63	63.19	3.441	20.53	20.87	26.281	0	0
"2011-05-22	04:00:00"	8.53	306.9	4.276	11.14	3.517	312.5	10.64	5.175	65.45	60.25	5.198	21.46	23.05	26.281	0	0
"2011-05-22	05:00:00"	7.485	314.6	5.574	9.35	3.651	320.6	9.33	5.771	62.74	58.46	4.286	23.24	24.66	26.288	0	0
"2011-05-22	06:00:00"	7.591	311.6	8.52	9.35	2.771	313.4	10.47	5.771	62.52	57.06	5.465	23.79	26.12	26.296	0	0
"2011-05-22	07:00:00"	7.376	282.9	64.5	17.1	4.72	290.3	67.97	15.31	62.44	58.58	3.859	23.58	25.09	26.315	2.1785	0
"2011-05-22	08:00:00"	2.471	338	11.34	6.964	3.062	347.2	19.92	4.578	65.21	60.04	5.169	21.97	25.12	26.329	91.528	0
"2011-05-22	09:00:00"	1.55	248	79.26	5.771	2.879	222.3	79.74	5.175	71.42	70.17	1.244	19.48	19.71	26.335	259.66	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2011-05-22	10:00:00"	6.172	44.1	48.55	11.74	5.474	44.83	54.14	10.54	77.86	78.82	-0.957	17.25	15.57	26.336	452.64	0
"2011-05-22	11:00:00"	3.845	56.54	57.78	10.54	3.745	49.54	62.73	9.35	83.4	85.6	-2.229	14.49	12.12	26.336	643.81	0
"2011-05-22	12:00:00"	3.685	207	82.7	11.14	3.767	202.7	84.1	9.95	87.6	90.4	-2.804	12.45	9.92	26.327	805.15	0
"2011-05-22	13:00:00"	7.601	216.8	42.79	18.3	6.75	217	47.57	17.1	88.7	91.9	-3.225	11.61	9	26.315	916.18	0
"2011-05-22	14:00:00"	8.64	204	33.69	18.3	7.356	202.9	37.02	15.91	89.8	93	-3.235	10.47	7.96	26.298	952.69	0
"2011-05-22	15:00:00"	9.31	208.2	38.11	19.49	8.07	208.6	42.85	17.7	91.4	94.7	-3.265	9.43	6.996	26.279	953.49	0
"2011-05-22	16:00:00"	11.22	209.4	26.37	23.66	9.52	211	30.74	21.87	92.5	95.5	-3.064	8.92	6.568	26.259	912.47	0
"2011-05-22	17:00:00"	13.57	223.1	19.88	24.26	11.1	225.4	23.55	20.09	92.4	95.2	-2.798	8.4	6.142	26.239	655	0
"2011-05-22	18:00:00"	11.85	234.9	20.88	24.26	9.8	239.3	23.78	20.09	91.9	93.8	-1.963	8.24	6.141	26.216	435.21	0
"2011-05-22	19:00:00"	9.93	243.5	18.29	20.68	8.34	246.8	20.64	18.3	91.3	92.7	-1.353	8.37	6.408	26.195	275.09	0
"2011-05-22	20:00:00"	8.65	224	19.68	16.51	7.226	228.5	22.55	14.12	91.1	91.9	-0.836	8.57	6.732	26.18	174.73	0
"2011-05-22	21:00:00"	5.402	187.5	15.22	9.35	4.356	186.3	17.59	7.561	88.1	87.9	0.244	9.6	8.08	26.182	24.328	0
"2011-05-22	22:00:00"	7.707	177.7	7.735	17.1	5.999	180.1	8.95	14.72	84	82.9	1.086	11.19	10	26.191	0.01475	0
"2011-05-22	23:00:00"	10.08	173.4	11.31	17.7	8.25	170.8	12.58	14.72	80.3	79.9	0.393	32.79	30.84	26.215	0	0
"2011-05-23	00:00:00"	8.01	207	9.63	12.93	6.385	208.7	13.2	10.54	77.82	77.57	0.25	43.36	41.54	26.236	0	0
"2011-05-23	01:00:00"	7.398	199	10.38	11.14	5.924	200.4	13.73	9.35	75.1	74.85	0.25	55.1	53.22	26.234	0	0
"2011-05-23	02:00:00"	7.37	193.2	7.374	11.74	5.865	194.9	9.18	9.35	73.27	73.09	0.181	68.29	66.57	26.23	0	0
"2011-05-23	03:00:00"	5.566	196.9	8.55	8.16	4.196	199	11.65	6.964	71.45	71.1	0.352	75.68	73.95	26.229	0	0
"2011-05-23	04:00:00"	4.764	223.7	15.09	6.964	3.64	229.8	20.92	5.771	70.3	69.71	0.593	79.6	78.61	26.226	0	0
"2011-05-23	05:00:00"	6.191	249.8	8.95	9.35	4.52	253.9	11.05	6.964	69.42	68.69	0.734	81.7	80.9	26.226	0	0
"2011-05-23	06:00:00"	4.513	232.7	12.44	6.368	3.216	234.4	16.23	5.175	67.9	67.2	0.696	83.8	83.2	26.229	0	0
"2011-05-23	07:00:00"	5.804	232.9	19.84	9.95	4.062	236.9	23.16	7.561	66.21	65.41	0.806	86.2	85.5	26.24	2.8174	0
"2011-05-23	08:00:00"	8.52	263.1	10.37	15.91	6.107	265.8	12.07	12.93	65.39	64.95	0.439	86.5	85.9	26.255	78.85	0
"2011-05-23	09:00:00"	14.12	286.5	7.573	22.47	8.98	288.4	10.6	17.1	70.37	70.22	0.151	41.62	41.63	26.261	268.9	0
"2011-05-23	10:00:00"	17.23	285.5	8.34	24.26	11.52	286.7	11.32	20.68	78.68	79.81	-1.131	14.55	12.82	26.274	472.41	0
"2011-05-23	11:00:00"	15.87	287.1	10.93	21.87	10.67	288.3	13.67	18.89	83.3	85.3	-2.022	11.66	9.6	26.278	662.63	0
"2011-05-23	12:00:00"	14.73	289.7	14.24	22.47	9.92	291.1	16.53	20.09	87.2	89.9	-2.677	9.46	7.293	26.273	827.07	0
"2011-05-23	13:00:00"	13.38	274.7	23.58	24.86	10.34	275.5	25.24	21.87	89.2	92.3	-3.138	7.491	5.328	26.269	945.61	0
"2011-05-23	14:00:00"	12.95	264.1	22.91	26.05	10.19	265.5	24.84	19.49	90.6	93.8	-3.175	6.708	4.562	26.255	995.74	0
"2011-05-23	15:00:00"	13.47	261.8	19.21	30.82	10.99	264.1	20.94	23.66	91.6	95.2	-3.565	5.633	3.552	26.24	966.76	0
"2011-05-23	16:00:00"	15.03	264.3	21.28	30.82	11.84	266.4	22.45	24.26	91.9	95.2	-3.219	5.706	3.641	26.224	918.64	0
"2011-05-23	17:00:00"	15.4	248.4	29.24	42.15	12.44	251.9	31.18	32.01	92.5	95.4	-2.827	4.912	2.949	26.208	785.34	0
"2011-05-23	18:00:00"	13.86	260.8	22.2	23.66	10.87	263.9	24.02	21.28	93	95.4	-2.43	4.927	3.015	26.189	611.21	0
"2011-05-23	19:00:00"	14.31	245.5	17.28	23.66	11.69	250	18.74	21.28	92.6	94.5	-1.923	4.654	2.798	26.173	412.44	0
"2011-05-23	20:00:00"	15.87	229.4	14.41	27.24	12.68	235.1	16.65	22.47	91	91.9	-0.885	5.177	3.39	26.171	208.83	0
"2011-05-23	21:00:00"	12.91	229.2	12.1	24.86	10.27	238.1	14.26	21.28	87.7	87.7	-0.041	5.827	4.162	26.189	38.27	0
"2011-05-23	22:00:00"	9.86	235.3	10.03	15.31	7.958	242	11.32	13.52	82.8	82.3	0.506	6.47	4.956	26.202	0.04127	0
"2011-05-23	23:00:00"	8.44	241.5	16.34	16.51	6.439	242	17.78	13.52	78.74	77.8	0.943	7.616	6.246	26.21	0	0
"2011-05-24	00:00:00"	7.09	260.7	7.977	12.33	4.852	262	10.46	9.35	75.53	73.81	1.718	8.92	7.901	26.211	0	0
"2011-05-24	01:00:00"	4.158	280	7.097	9.35	2.145	311.9	16.14	5.175	72.98	69.13	3.851	10.01	9.56	26.203	0	0
"2011-05-24	02:00:00"	1	273.6	14.45	1.596	1.596	300.7	68.78	3.982	70.17	65.19	4.981	10.93	11.19	26.192	0	0
"2011-05-24	03:00:00"	5.463	210.4	60.65	11.74	4.207	204.7	70.12	9.35	68.63	64.7	3.931	11.56	11.73	26.187	0	0
"2011-05-24	04:00:00"	6.516	197	20.09	12.93	4.828	196.9	24.09	10.54	66.58	64.53	2.049	11.99	11.43	26.191	0	0
"2011-05-24	05:00:00"	5.457	184.4	27.26	9.95	3.964	178.8	32.11	8.16	65.32	63.4	1.923	12.51	12	26.19	0	0
"2011-05-24	06:00:00"	4.691	175.4	17.31	10.54	3.555	172.3	30.61	8.75	65.26	62.58	2.684	12.92	12.68	26.188	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-24	07:00:00"	2.322	189.5	24.02	9.35	2.906	192.9	36.31	7.561	64.29	61.99	2.295	19.7	18.63	26.196	2.4543	0
"2011-05-24	08:00:00"	4.182	270.4	15.82	12.33	3.169	285.7	19.15	8.16	66.93	63.27	3.667	16.09	17.46	26.207	90.385	0
"2011-05-24	09:00:00"	13.47	287.6	8.35	30.82	8.67	289.1	11.3	24.26	73.54	73.48	0.057	14.74	13.44	26.219	271.61	0
"2011-05-24	10:00:00"	23.91	287	8.56	35	15.25	288.5	11.52	30.22	78.91	79.97	-1.061	14.45	12.54	26.228	465.83	0
"2011-05-24	11:00:00"	23.57	286.3	12.33	33.8	15.22	288.2	14.13	28.43	80	81.8	-1.722	14.43	12.27	26.229	659.42	0
"2011-05-24	12:00:00"	22.33	265.1	13.77	35.59	17.39	267.9	15.43	31.42	81.7	84.2	-2.418	13.82	11.45	26.221	816.8	0
"2011-05-24	13:00:00"	18.92	257.4	14.77	34.4	15.51	260.1	15.94	30.82	83.7	86.4	-2.708	12.92	10.44	26.213	909.43	0
"2011-05-24	14:00:00"	25.78	262.9	13.55	43.35	20.39	265.5	15.5	37.38	85.3	88.2	-2.82	8.7	6.481	26.194	963.1	0
"2011-05-24	15:00:00"	30.84	266	12.06	46.92	23.72	268.8	13.63	40.36	85	87.9	-2.815	6.615	4.54	26.19	950.48	0
"2011-05-24	16:00:00"	32.3	265.9	11.99	49.31	25.08	268.6	13.41	43.94	84.7	87.1	-2.455	5.468	3.515	26.187	892.12	0
"2011-05-24	17:00:00"	32.21	267.4	11.94	50.5	24.67	269.8	13.34	41.56	84.9	87.1	-2.136	4.894	3.016	26.177	763.93	0
"2011-05-24	18:00:00"	30.88	264.5	10.48	46.92	24.04	266.9	12.97	42.15	85.3	87.1	-1.796	4.098	2.296	26.167	581.92	0
"2011-05-24	19:00:00"	31.26	263	10.14	46.92	24.54	266.1	12.27	39.77	84.9	86.1	-1.159	3.608	1.891	26.164	379.94	0
"2011-05-24	20:00:00"	28.05	262.5	9.86	44.54	22.05	265.4	11.65	37.38	84.4	84.8	-0.473	3.364	1.743	26.166	185.02	0
"2011-05-24	21:00:00"	23.62	260	8.02	39.17	18.5	263.1	10.7	32.01	82.7	82.5	0.176	3.54	1.994	26.182	31.818	0
"2011-05-24	22:00:00"	19.12	258.8	7.007	29.03	14.82	261.7	9.88	26.65	80.2	79.53	0.641	4.054	2.606	26.207	0.04501	0
"2011-05-24	23:00:00"	13.65	255.9	6.821	22.47	10.38	258.6	9.99	20.68	77.38	76.67	0.707	4.478	3.078	26.236	0	0
"2011-05-25	00:00:00"	10.5	255.2	7.378	16.51	7.551	257.3	10.36	12.93	73.1	72	1.098	5.031	3.74	26.258	0	0
"2011-05-25	01:00:00"	10.31	290.6	29.56	21.28	6.824	292.3	31.23	15.91	70.31	68.52	1.788	5.878	4.759	26.269	0	0
"2011-05-25	02:00:00"	10.46	322.4	6.761	13.52	5.768	322.8	10.55	8.75	67.29	64.42	2.863	7.349	6.497	26.271	0	0
"2011-05-25	03:00:00"	6.03	238	15.28	9.95	4.398	229.6	20	8.16	63.37	61.52	1.843	8.54	7.59	26.279	0	0
"2011-05-25	04:00:00"	6.024	264.2	8.5	8.75	3.785	261.7	16.39	6.368	63.34	60.17	3.165	8.58	8.35	26.283	0	0
"2011-05-25	05:00:00"	6.263	268.1	7.656	8.75	3.429	280.6	15.38	5.771	63.08	59.63	3.451	8.89	8.75	26.289	0	0
"2011-05-25	06:00:00"	7.344	301.5	9.47	9.35	3.535	313.6	12.01	5.771	61.92	56.32	5.601	9.86	9.78	26.307	0	0
"2011-05-25	07:00:00"	10.86	321.5	6.258	16.51	6.185	321.7	8.94	11.14	62.3	57.75	4.556	16.62	16.66	26.33	2.868	0
"2011-05-25	08:00:00"	10.38	319.1	9.95	17.1	6.257	319.5	11.41	13.52	61.31	60.02	1.297	19.9	18.98	26.351	91.245	0
"2011-05-25	09:00:00"	17.88	331.4	8.68	27.84	13.34	330.2	11.35	23.66	68.85	69.47	-0.622	20.4	18.57	26.359	272.35	0
"2011-05-25	10:00:00"	24.58	334.2	9.93	40.36	18.15	331.1	12.42	31.42	73.97	75.28	-1.307	18.46	16.27	26.367	465.43	0
"2011-05-25	11:00:00"	26.3	332.6	10.72	40.36	19.3	330.9	12.2	32.61	76.85	78.65	-1.801	16.32	14.01	26.37	656.57	0
"2011-05-25	12:00:00"	23.03	328.5	14.73	34.4	16.49	327	15.47	27.84	78.47	80.9	-2.461	15.04	12.56	26.378	818.66	0
"2011-05-25	13:00:00"	19.3	316.4	17.95	40.36	13.26	316	19.2	35.59	79.76	82.6	-2.89	13.6	11.07	26.386	927.5	0
"2011-05-25	14:00:00"	15.76	294.7	19.17	29.03	10.57	296.2	20.73	24.26	81.4	84.5	-3.162	12.57	10.04	26.381	980.4	0
"2011-05-25	15:00:00"	15.92	300.9	16.53	28.43	10.48	301.9	17.94	20.09	83	86.1	-3.101	12.13	9.63	26.368	952.16	0
"2011-05-25	16:00:00"	15.43	295.3	25.47	26.05	10.74	295.8	27.67	20.09	84.1	87.1	-2.987	12.11	9.63	26.352	897.59	0
"2011-05-25	17:00:00"	12.27	280.6	25.61	22.47	8.98	281.4	25.68	18.89	85.1	87.6	-2.55	11.89	9.55	26.336	764.03	0
"2011-05-25	18:00:00"	11.54	312.5	22.78	24.26	8	312.5	23.61	18.3	86.4	88.7	-2.383	11.19	8.93	26.326	591.13	0
"2011-05-25	19:00:00"	7.983	283	38.69	17.7	6.425	283.2	40.54	14.72	86.2	87.5	-1.383	10.99	8.99	26.323	395.26	0
"2011-05-25	20:00:00"	7.748	287.6	29.24	17.7	5.714	289	29.72	12.93	86.2	86.9	-0.718	10.67	8.87	26.324	200.25	0
"2011-05-25	21:00:00"	5.984	338.7	37.34	12.33	3.736	337.8	35.55	8.75	84.3	82.3	2.007	10.44	9.67	26.345	38.419	0
"2011-05-25	22:00:00"	9.48	58	13.76	15.91	6.076	54.97	15.5	13.52	77.19	75.42	1.768	12.46	11.57	26.372	0.06646	0
"2011-05-25	23:00:00"	11.12	67.25	7.872	15.91	7.853	65.63	10.37	12.93	72.58	71.69	0.888	18.75	17.49	26.396	0	0
"2011-05-26	00:00:00"	12.34	70.63	8.7	18.3	9.1	69.18	11.17	15.91	70.83	70.2	0.632	24.65	23.37	26.416	0	0
"2011-05-26	01:00:00"	12.37	77.37	7.267	18.3	9.21	76.45	9.66	14.12	68.76	68.28	0.483	28.73	27.45	26.426	0	0
"2011-05-26	02:00:00"	11.85	77.27	8.18	16.51	8.76	76.26	10.54	12.93	66.11	65.65	0.458	32.56	31.31	26.43	0	0
"2011-05-26	03:00:00"	11.55	80.2	7.154	17.1	8.57	78.87	9.23	12.93	63.41	63.01	0.407	37.51	36.25	26.435	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-26	04:00:00"	9.82	72.67	7.719	12.93	7.023	70.64	10.13	9.95	60.13	59.6	0.523	42.41	41.09	26.442	0
"2011-05-26	05:00:00"	10.47	70.51	8.87	16.51	7.664	68.29	11	13.52	58.91	58.43	0.482	47.47	46.17	26.454	0
"2011-05-26	06:00:00"	10.3	72.42	9.73	15.91	7.796	71	11.53	14.12	57.24	56.87	0.366	53.44	52.07	26.469	0
"2011-05-26	07:00:00"	12.5	74.6	9.02	18.89	9.53	73.7	10.87	14.72	56.41	56.21	0.207	61.12	59.65	26.481	2.6597
"2011-05-26	08:00:00"	11.77	72.96	9.75	20.68	9.12	72.06	12.17	17.1	55.02	55.27	-0.245	63.35	61.24	26.5	85.938
"2011-05-26	09:00:00"	14.85	93.1	10.38	21.87	11.78	93.1	12.47	18.3	59.27	60.04	-0.77	56.83	53.73	26.52	257.75
"2011-05-26	10:00:00"	13.07	102.2	14.93	19.49	10.63	102.3	16.88	17.1	61.43	62.62	-1.193	51.71	48.27	26.533	445.51
"2011-05-26	11:00:00"	11.45	117.3	14.8	18.3	9.59	118.5	16.99	15.91	64.33	65.92	-1.592	47.91	43.99	26.528	632.53
"2011-05-26	12:00:00"	12.13	132.4	17.99	21.28	10.29	132.2	19	18.89	67.41	69.32	-1.916	43.6	39.51	26.509	793.17
"2011-05-26	13:00:00"	13.74	148.9	17.04	24.26	11.82	147.7	17.73	23.66	70.89	73.05	-2.159	38.48	34.76	26.479	906.37
"2011-05-26	14:00:00"	15.24	160.7	18.73	27.24	13.12	160.5	19.89	23.07	74.99	77.42	-2.428	33.18	29.52	26.449	962.4
"2011-05-26	15:00:00"	15.13	168	18.1	25.45	12.95	166.7	18.84	21.28	78.95	81.3	-2.353	28.78	25.43	26.412	921.52
"2011-05-26	16:00:00"	14.94	179.9	15.24	26.65	12.74	178.4	18.54	22.47	83.2	85.6	-2.454	24.16	20.96	26.375	867.09
"2011-05-26	17:00:00"	15.7	182.7	14.59	30.82	13.34	181.2	17.26	25.45	87.1	89.5	-2.363	19.7	16.81	26.331	795.9
"2011-05-26	18:00:00"	15.97	190.3	12.97	27.24	13.41	190.1	15.55	25.45	88.3	90.1	-1.814	17.82	15.35	26.301	391.62
"2011-05-26	19:00:00"	15.17	183	11.23	25.45	12.77	181.2	13.94	22.47	88.5	89.7	-1.153	17.43	15.24	26.285	316.5
"2011-05-26	20:00:00"	14.1	176.5	11.24	22.47	11.72	173.4	13.37	18.89	88.2	88.6	-0.435	17.26	15.39	26.26	114.36
"2011-05-26	21:00:00"	12.7	163.1	9.03	20.68	10.67	159.5	9.67	17.7	86.5	86.4	0.09	18.43	16.77	26.251	23.066
"2011-05-26	22:00:00"	13.03	157.2	7.613	18.89	11.14	154.2	7.58	15.91	83.5	83.2	0.325	19.92	18.39	26.241	0.11338
"2011-05-26	23:00:00"	11.54	161.4	9.72	17.7	9.73	158.1	10.56	16.51	81	80.6	0.405	22.23	20.76	26.254	0
"2011-05-27	00:00:00"	9.87	177.6	9.02	15.91	7.92	176.1	11.13	13.52	78.1	77.45	0.655	28.02	26.75	26.269	0
"2011-05-27	01:00:00"	12.94	168.1	8.31	19.49	10.67	165.6	9.16	16.51	77.91	77.33	0.579	33.69	32.55	26.255	0
"2011-05-27	02:00:00"	14.35	171.7	8.3	23.07	11.8	168.9	9.42	17.7	77.01	76.61	0.396	43.39	42.04	26.239	0
"2011-05-27	03:00:00"	15.56	179.3	7.222	23.07	12.84	176.6	9.26	20.09	75.77	75.47	0.296	53.92	52.64	26.225	0
"2011-05-27	04:00:00"	12.28	192	12.35	22.47	9.96	192.5	16.54	19.49	74.26	73.94	0.314	60.52	59.38	26.218	0
"2011-05-27	05:00:00"	7.706	190.2	15.42	12.93	6.265	190.4	19.16	11.74	71.53	71.07	0.468	65.58	64.6	26.219	0
"2011-05-27	06:00:00"	8.66	192.5	14.49	16.51	6.841	193	18.52	12.33	68.65	68.11	0.54	68.02	67.51	26.211	0
"2011-05-27	07:00:00"	6.655	188	7.494	11.14	4.931	185.6	12.21	8.75	66.64	65.55	1.084	67.32	67.75	26.223	2.6736
"2011-05-27	08:00:00"	5.976	211.4	15.18	9.95	4.441	212.7	21.03	8.16	65.11	64.18	0.93	65.44	66.39	26.242	61.575
"2011-05-27	09:00:00"	3.689	228	16.08	8.16	4.153	235.7	19.65	6.964	67.82	67.89	-0.069	60.19	59	26.26	212.45
"2011-05-27	10:00:00"	1.129	221.5	28.12	4.578	2.711	223.6	34.43	5.175	74.55	75.78	-1.231	41.59	39.01	26.276	395.35
"2011-05-27	11:00:00"	3.282	226.1	60.84	10.54	3.875	219.3	69.24	9.95	83.3	85.5	-2.202	22	19.38	26.271	620.68
"2011-05-27	12:00:00"	4.275	219.1	49.73	9.95	4.136	212.6	54.77	9.35	89.9	92.6	-2.679	12.01	9.66	26.254	756.62
"2011-05-27	13:00:00"	9.86	284.9	35.9	20.68	7.745	287.7	36.12	17.1	94.6	97.7	-3.081	7.465	5.303	26.241	929.72
"2011-05-27	14:00:00"	10.89	240	24.96	21.87	9.11	243.6	27.22	21.28	96.3	99.5	-3.237	6.524	4.346	26.225	998.47
"2011-05-27	15:00:00"	11.53	263.2	23.06	27.84	9.27	266.4	23.99	27.24	98.3	101.5	-3.217	6.281	4.114	26.203	977.28
"2011-05-27	16:00:00"	10.72	252.9	25.37	21.87	8.9	255.1	27.25	20.09	100	102.9	-2.964	6.41	4.246	26.178	891.17
"2011-05-27	17:00:00"	12.03	242.8	24.43	22.47	9.84	247.6	25.41	18.89	101.9	104.6	-2.728	6.12	3.987	26.15	795.62
"2011-05-27	18:00:00"	12.78	243.7	18.95	21.87	10.64	247.5	20.21	20.09	102.1	104.5	-2.379	5.843	3.778	26.131	619.66
"2011-05-27	19:00:00"	13.42	232.3	21.33	27.84	10.91	237.4	23.2	24.26	102	103.6	-1.674	5.902	3.905	26.117	391.61
"2011-05-27	20:00:00"	14.76	253.5	15.04	25.45	11.77	256.9	15.8	21.28	101.2	102	-0.814	5.694	3.853	26.115	230.99
"2011-05-27	21:00:00"	12.22	234.8	13.21	21.87	10.02	242.2	14.39	20.68	97.9	97.9	-0.07	6.717	4.98	26.127	45.068
"2011-05-27	22:00:00"	8.13	231.5	10.99	16.51	7.776	240.8	12.02	13.52	91.5	91.1	0.435	7.856	6.266	26.141	0.10054
"2011-05-27	23:00:00"	6.4	222.4	14.21	11.14	4.638	224.1	20.33	9.35	85.5	84.7	0.858	9.32	7.869	26.153	0
"2011-05-28	00:00:00"	8.76	249.5	16.58	14.72	6.275	250	20.36	10.54	83.1	81	2.059	10.32	9.35	26.157	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-28	01:00:00"	8.53	253.3	9.42	13.52	6.217	253.6	12.79	11.74	82.3	80.6	1.645	10.56	9.51	26.15	0	0
"2011-05-28	02:00:00"	10.14	257.7	8.73	16.51	7.5	258.1	11.75	13.52	81.5	79.6	1.857	11.23	10.29	26.138	0	0
"2011-05-28	03:00:00"	7.94	250.2	8.85	11.74	5.793	247.1	13.04	9.95	78.48	77.21	1.275	12.19	11.06	26.13	0	0
"2011-05-28	04:00:00"	4.716	253.5	21.02	9.95	3.913	245.7	25.21	8.75	74.07	72.49	1.58	14.11	13.08	26.129	0	0
"2011-05-28	05:00:00"	5.774	223.8	15.54	10.54	4.676	216.2	17.58	8.16	71.5	69.21	2.29	15.35	14.9	26.136	0	0
"2011-05-28	06:00:00"	7.557	196.1	7.446	11.14	5.326	194.4	10.16	8.16	68.29	66.36	1.934	16.85	16.38	26.147	0	0
"2011-05-28	07:00:00"	6.31	196.9	11.72	8.75	4.185	195.6	14.87	6.368	66.43	64.01	2.418	17.22	16.97	26.158	2.5924	0
"2011-05-28	08:00:00"	4.748	217.1	14.21	9.35	3.623	213.5	19.01	6.368	68.54	65.63	2.902	16.57	16.66	26.166	100.61	0
"2011-05-28	09:00:00"	6.107	244.3	26.19	13.52	4.86	244.8	28.08	12.33	74.49	74.69	-0.199	15.76	14.46	26.177	280.76	0
"2011-05-28	10:00:00"	13.57	283.7	11.56	24.26	9.36	285	13.49	18.3	86.4	87.7	-1.208	11.7	9.82	26.185	479.42	0
"2011-05-28	11:00:00"	13.55	293.7	14.14	21.28	8.96	295	16.16	16.51	91.2	93.3	-2.064	9.96	7.858	26.188	671.39	0
"2011-05-28	12:00:00"	10.24	289.2	29.92	19.49	7.645	289.7	30.85	15.91	94.1	96.8	-2.755	8.74	6.504	26.184	835.16	0
"2011-05-28	13:00:00"	7.358	257.8	41.68	15.31	6.081	257.1	46.2	14.12	97	100.3	-3.297	7.841	5.527	26.178	949.46	0
"2011-05-28	14:00:00"	10.62	238	24.14	22.47	9.06	241.8	26.51	17.7	98.4	101.7	-3.295	6.785	4.545	26.159	1001.8	0
"2011-05-28	15:00:00"	13.64	229.8	24.94	30.82	11.36	234.2	27.76	28.43	99.8	102.9	-3.135	6.209	4.034	26.134	967.08	0
"2011-05-28	16:00:00"	15.89	225.3	21.42	32.01	13.26	230	24.83	26.05	101	103.7	-2.661	5.641	3.566	26.109	920.57	0
"2011-05-28	17:00:00"	18.9	231.8	17.79	42.75	15.34	236.8	20.55	37.98	101.2	103.5	-2.269	5.07	3.071	26.088	789.88	0
"2011-05-28	18:00:00"	19.6	230.2	16.74	35	15.94	237.3	18.58	29.03	101.1	103	-1.888	4.221	2.303	26.07	615.71	0
"2011-05-28	19:00:00"	19.84	226.8	14.73	35	15.92	234.9	17.04	26.65	100.2	101.5	-1.249	4.92	3.043	26.063	415.39	0
"2011-05-28	20:00:00"	18.62	233.5	14.02	31.42	15.32	240.7	15.32	26.05	98.6	99.2	-0.602	5.611	3.808	26.066	217.06	0
"2011-05-28	21:00:00"	16.56	239.5	9.64	27.24	13.95	244.4	11.2	23.66	95.6	95.6	-0.075	6.669	4.975	26.081	44.073	0
"2011-05-28	22:00:00"	12.28	244.2	9.19	18.89	9.95	248.4	10.42	15.31	90.9	90.3	0.54	7.577	6.037	26.095	0.11989	0
"2011-05-28	23:00:00"	11.05	254.2	12.02	15.91	7.937	257.5	13.75	13.52	88.1	87.1	1.022	8.38	7.024	26.104	0	0
"2011-05-29	00:00:00"	6.059	257.9	11.63	14.72	4.334	253.7	16.88	11.14	83.5	81.9	1.537	9.69	8.54	26.104	0	0
"2011-05-29	01:00:00"	6.104	221.3	31.82	14.72	4.518	213	36.35	11.74	80.1	77.91	2.15	10.57	9.68	26.105	0	0
"2011-05-29	02:00:00"	7.377	167.3	10.26	12.93	5.658	164.2	11.47	11.14	76.86	75.1	1.754	11.85	10.89	26.101	0	0
"2011-05-29	03:00:00"	8.99	182.9	11.92	18.89	7.14	183.6	14.63	15.31	74.55	73.52	1.033	31.77	29.7	26.099	0	0
"2011-05-29	04:00:00"	13.49	183	8.57	21.87	11.06	182.1	11.06	18.3	75.13	74.5	0.634	48.87	47.72	26.093	0	0
"2011-05-29	05:00:00"	13.31	184.9	10.87	20.68	10.91	184.1	15.08	16.51	75.57	75.11	0.469	49.35	48.2	26.095	0	0
"2011-05-29	06:00:00"	8.73	196.7	10.89	14.12	6.779	199.3	14.86	11.14	72.65	72.08	0.569	52.46	51.37	26.105	0	0
"2011-05-29	07:00:00"	11.71	183.7	10.45	20.68	9.5	183.6	13.46	15.31	72.53	71.81	0.718	53.82	53.18	26.114	4.2314	0
"2011-05-29	08:00:00"	12.96	173.8	7.684	18.3	10.64	170.8	9.06	17.1	73.42	73.15	0.276	57.3	56.01	26.134	107.93	0
"2011-05-29	09:00:00"	13.28	178.6	8.48	19.49	11.07	176.1	10.84	17.7	77.66	78.1	-0.434	47.55	45.21	26.146	287.75	0
"2011-05-29	10:00:00"	12.04	196.3	11.64	17.7	9.9	197.5	15.6	14.72	83.6	85	-1.361	29.47	26.87	26.158	484.4	0
"2011-05-29	11:00:00"	8.48	222.9	25.35	16.51	7.299	225.5	29.93	15.31	88.9	91.1	-2.211	15.66	13.17	26.157	675.96	0
"2011-05-29	12:00:00"	9.49	211.9	22.91	20.09	8.09	216.1	28.57	17.1	92.8	95.6	-2.781	10.64	8.22	26.152	831.31	0
"2011-05-29	13:00:00"	13.01	214.3	20.14	22.47	10.86	218.4	24.82	20.68	94.7	97.4	-2.677	8.5	6.237	26.147	940.1	0
"2011-05-29	14:00:00"	13.42	216.7	18.98	25.45	11.09	221.6	24.18	21.28	97.1	100	-2.9	7.72	5.463	26.133	991.98	0
"2011-05-29	15:00:00"	18.68	205.7	17.91	30.22	15.03	208.3	22.52	25.45	99.3	102	-2.744	6.836	4.678	26.113	956.19	0
"2011-05-29	16:00:00"	16.46	214.1	17.8	30.22	13.4	218.7	22.61	28.43	100.4	102.9	-2.533	6.522	4.402	26.096	900.89	0
"2011-05-29	17:00:00"	15.86	206.3	19.43	29.63	13.03	209.3	23.28	23.66	101.2	103.5	-2.287	5.993	3.942	26.074	767.63	0
"2011-05-29	18:00:00"	17.17	193	29.97	30.22	14.14	195.3	34.76	25.45	101.2	103.1	-1.953	9.82	7.555	26.056	580.54	0
"2011-05-29	19:00:00"	17.95	164.3	13.95	30.82	15.25	162.2	14.2	27.84	98.8	100.2	-1.373	17.15	14.76	26.05	362.31	0
"2011-05-29	20:00:00"	21.27	163.7	9.86	33.21	18.06	160.6	10.55	32.01	95.6	96.2	-0.645	24.62	22.44	26.062	164.65	0
"2011-05-29	21:00:00"	21.05	165.2	9.14	32.61	17.83	162.5	10.26	28.43	90.4	90.7	-0.268	34.52	32.61	26.084	23.963	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-29	22:00:00"	20.2	163.1	9.58	30.22	16.97	160	10.1	26.05	86	86.1	-0.038	41.52	39.61	26.099	0.03055	0	
"2011-05-29	23:00:00"	21.92	159.7	8.51	34.4	18.58	156.8	9.05	30.82	84.6	84.5	0.08	42.73	40.88	26.111	0	0	
"2011-05-30	00:00:00"	21.6	167.5	9.31	32.01	18.03	164.3	10.57	28.43	83.6	83.5	0.093	43.88	42.11	26.131	0	0	
"2011-05-30	01:00:00"	22.13	171.3	8.42	36.78	18.35	168.5	9.95	29.63	82.9	82.9	0.09	44.76	43.03	26.149	0	0	
"2011-05-30	02:00:00"	20.94	173.6	7.833	34.4	17.24	170.3	9.35	32.61	81.9	81.8	0.086	47.31	45.64	26.157	0	0	
"2011-05-30	03:00:00"	19.17	172	7.875	32.01	15.79	168.7	9.54	23.66	80.5	80.4	0.104	49.45	47.83	26.147	0	0	
"2011-05-30	04:00:00"	18.53	170.7	8.15	28.43	15.27	167.5	9.52	24.86	79.08	78.96	0.117	51	49.46	26.141	0	0	
"2011-05-30	05:00:00"	18.08	172.6	8.71	29.03	14.91	169.8	10.34	26.05	76.92	76.81	0.109	52.5	51.02	26.15	0	0	
"2011-05-30	06:00:00"	16.53	181.6	8.07	25.45	13.66	179.7	10.04	21.28	74.27	74.26	0.013	62.78	61.44	26.167	0	0	
"2011-05-30	07:00:00"	12.69	196	9.67	18.89	10.37	196.9	12.77	17.1	71.71	71.7	0.01	71.54	70.27	26.188	3.5889	0	
"2011-05-30	08:00:00"	11.74	190.3	11.36	20.09	9.65	191.7	14.93	17.1	70.89	71.02	-0.134	75.49	73.92	26.211	94.211	0	
"2011-05-30	09:00:00"	15.56	184.9	9.7	22.47	12.98	183.3	12.34	18.3	72.79	73.57	-0.776	72.75	69.73	26.237	268.62	0	
"2011-05-30	10:00:00"	14.16	191.1	12.3	20.09	11.88	191	15.68	18.89	76.63	78.13	-1.497	62.39	57.98	26.256	457.98	0	
"2011-05-30	11:00:00"	12.25	200.7	16.67	20.09	10.13	202.1	21.29	18.89	81.4	83.4	-2.007	43.28	39.14	26.259	647.14	0	
"2011-05-30	12:00:00"	12.16	217.3	17.29	24.26	10.17	223.3	22.59	19.49	86	88.5	-2.495	30	26.42	26.257	806.17	0	
"2011-05-30	13:00:00"	18.8	226.2	18.93	33.21	15.28	231.4	21.88	27.24	91.3	93.6	-2.35	14.36	11.84	26.246	926.83	0	
"2011-05-30	14:00:00"	17.79	227.7	16.16	33.21	14.39	234.5	18.76	29.03	93.8	96.4	-2.577	12.04	9.57	26.237	975.5	0	
"2011-05-30	15:00:00"	19.15	225.4	23.02	37.98	15.65	230	26.51	29.03	94.9	97.6	-2.729	10.45	8.08	26.225	941.22	0	
"2011-05-30	16:00:00"	17.59	219.9	22.05	36.19	14.4	225.1	25.81	30.22	96.7	99.2	-2.546	9.42	7.144	26.211	888.72	0	
"2011-05-30	17:00:00"	20.83	237.9	19.29	36.78	17.1	243	20.37	29.63	97.5	99.7	-2.201	7.94	5.793	26.201	762.6	0	
"2011-05-30	18:00:00"	19.18	247.2	18.95	30.22	15.53	252	19.65	26.65	98.1	100.2	-2.147	7.019	4.939	26.202	585.92	0	
"2011-05-30	19:00:00"	20.24	251.3	9.52	32.01	16.34	254.1	12.26	28.43	97.3	98.9	-1.638	6.719	4.749	26.214	390.36	0	
"2011-05-30	20:00:00"	19.23	252.4	10.05	29.03	15.38	255.1	12.54	26.65	96.1	96.8	-0.722	7.097	5.273	26.235	193.53	0	
"2011-05-30	21:00:00"	14.47	260.2	7.448	22.47	11.44	263.9	10.11	21.87	93.2	93.1	0.081	7.543	5.906	26.268	34.936	0	
"2011-05-30	22:00:00"	8.1	254.9	51.4	13.52	5.494	261.8	58.11	12.33	88.2	86.6	1.576	9.35	8.05	26.31	0.04951	0	
"2011-05-30	23:00:00"	4.71	216.8	26.29	11.74	3.826	219.2	31.62	8.75	84.9	82.8	2.036	10.81	9.75	26.357	0	0	
"2011-05-31	00:00:00"	6.927	190.7	13.68	15.91	5.292	188	19.61	14.12	82.1	80.1	1.943	28.11	26.16	26.392	0	0	
"2011-05-31	01:00:00"	8.52	191.7	8.46	13.52	7.102	191.5	10.97	11.74	81.5	80.9	0.556	48.29	46.93	26.404	0	0	
"2011-05-31	02:00:00"	5.202	198.7	8.42	9.35	4.182	200.9	10.73	7.561	79.38	78.74	0.632	52.2	50.69	26.413	0	0	
"2011-05-31	03:00:00"	2.051	217.7	13.15	6.964	1.882	229.1	20.85	5.175	77.84	76.48	1.357	55.5	54.93	26.418	0	0	
"2011-05-31	04:00:00"	1.694	260.5	27.3	8.75	2.334	290.7	37.63	5.771	77.14	75.08	2.059	56.55	56.53	26.425	0	0	
"2011-05-31	05:00:00"	9.74	4.013	13.5	16.51	6.863	0.241	14.42	12.93	72.48	70.92	1.561	48.9	49.86	26.449	0	0	
"2011-05-31	06:00:00"	12.08	25.42	7.064	17.1	8.94	23.89	12.98	13.52	72.71	71.9	0.809	17.7	17.01	26.474	0	0	
"2011-05-31	07:00:00"	9.85	34.42	6.642	12.93	7.235	33.65	10.92	10.54	70.27	69.58	0.691	15.87	14.88	26.492	2.392	0	
"2011-05-31	08:00:00"	10.04	36.02	7.996	15.31	7.762	35.29	11.75	13.52	70.73	70.55	0.175	15.1	14.08	26.518	78.011	0	
"2011-05-31	09:00:00"	14.85	37.44	9.09	24.26	11.72	37.04	12.41	20.09	74.03	74.83	-0.794	12.24	10.84	26.529	264.43	0	
"2011-05-31	10:00:00"	16.78	47.36	10.06	23.66	13.13	46.35	12.54	21.87	77.05	78.58	-1.537	11.78	9.93	26.545	456.22	0	
"2011-05-31	11:00:00"	11.3	55.82	15.22	20.09	9.31	54.84	17.54	17.1	80.6	82.9	-2.332	21.6	18.5	26.555	632.23	0	
"2011-05-31	12:00:00"	10.19	75.13	24.61	21.87	8.53	75.54	27.32	18.89	84.1	86.8	-2.666	27.51	23.94	26.561	776.73	0	
"2011-05-31	13:00:00"	9.04	84.1	29.26	18.3	7.727	83.4	34.3	21.87	87.6	90.4	-2.762	32.81	28.82	26.56	872.92	0	
"2011-05-31	14:00:00"	10.31	116	25.29	21.28	8.99	117.2	29.33	16.51	90.7	93.6	-2.912	34.93	30.74	26.551	881.34	0	
"2011-05-31	15:00:00"	10.9	110	23.45	22.47	9.39	110.7	25.16	18.89	90.9	93.5	-2.52	36.74	32.68	26.543	586.58	0	
"2011-05-31	16:00:00"	13.12	115.4	16.02	22.47	10.88	116.2	17.89	19.49	91.2	93.4	-2.211	36.08	32.42	26.532	581.92	0	
"2011-05-31	17:00:00"	16.53	111.6	15.21	26.65	13.28	112.2	17.2	21.87	90.5	92.3	-1.798	37.76	34.43	26.519	455.45	0	
"2011-05-31	18:00:00"	18.93	122.9	12.19	28.43	15.2	123.3	13.94	23.07	90.1	91.9	-1.815	38.57	35.17	26.51	384.59	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-05-31	19:00:00"	19.63	134.3	10.98	28.43	15.85	134.4	11.88	25.45	87.8	88.9	-1.157	41.4	38.22	26.506	174.2	0	
"2011-05-31	20:00:00"	18.56	142.3	9.76	27.24	15.3	141.9	10.17	23.66	85.8	86.5	-0.685	44.88	41.93	26.516	100.66	0	
"2011-05-31	21:00:00"	18.34	138.8	7.351	26.05	14.91	138.8	8.27	24.26	84.3	84.7	-0.44	46.82	44.2	26.534	38.669	0	
"2011-05-31	22:00:00"	18.63	142.3	7.714	27.84	15.33	142.2	8.49	24.86	83	83.1	-0.052	48.68	46.66	26.538	0.0045	0	
"2011-05-31	23:00:00"	17.49	127.3	12.98	28.43	13.87	127.2	14.06	24.26	81.8	81.8	0.045	49.64	47.83	26.563	0	0	
"2011-06-01	00:00:00"	11.34	103.6	8.05	15.91	8.92	103.4	9.93	12.93	80.4	80.2	0.138	50.77	49.08	26.598	0	0	
"2011-06-01	01:00:00"	13.83	120.9	9.61	20.68	10.62	121.4	11.36	16.51	79.96	79.8	0.164	51.18	49.6	26.613	0	0	
"2011-06-01	02:00:00"	13.89	132.6	11.98	20.09	11.04	132.9	12.63	17.1	79.33	79.18	0.147	51.49	49.91	26.598	0	0	
"2011-06-01	03:00:00"	14.38	151.3	9.14	20.68	12.15	150.4	8.73	17.7	78.25	78.13	0.116	52.03	50.4	26.581	0	0	
"2011-06-01	04:00:00"	15.43	155.2	9.22	21.28	13.1	153.4	9.01	20.09	77.51	77.36	0.15	51.79	50.26	26.558	0	0	
"2011-06-01	05:00:00"	15.4	151.7	9.57	22.47	13.08	150.3	9.01	20.09	76.5	76.38	0.117	53.03	51.44	26.558	0	0	
"2011-06-01	06:00:00"	14.49	155.2	8.08	20.68	12.45	153.2	8.08	18.3	75.19	75.08	0.109	56.67	55.11	26.559	0	0	
"2011-06-01	07:00:00"	11.07	155.3	8.97	16.51	9.44	153.7	8.94	14.12	73.86	73.8	0.054	63.01	61.45	26.577	2.1528	0	
"2011-06-01	08:00:00"	12.54	158.3	8.64	24.26	10.78	155.9	8.9	21.28	73.09	73.14	-0.055	70.21	68.64	26.587	59.239	0	
"2011-06-01	09:00:00"	17.24	158.7	9.38	26.05	14.77	156.5	9.65	22.47	73.83	74.28	-0.451	71.06	68.75	26.587	192.37	0	
"2011-06-01	10:00:00"	18.05	163	10.58	26.05	15.41	160.7	11.23	23.66	75.81	76.72	-0.913	65.44	62.18	26.593	358.43	0	
"2011-06-01	11:00:00"	19.06	161.3	11.19	28.43	16.28	158.9	11.91	24.26	79.5	81	-1.488	55.43	51.34	26.588	585.77	0	
"2011-06-01	12:00:00"	19.63	162.2	11.87	30.22	16.78	159.5	12.17	24.86	82.7	84.6	-1.918	47.43	42.92	26.584	752.36	0	
"2011-06-01	13:00:00"	18.73	168	14.04	29.63	15.91	165.5	15.35	24.26	85.7	88.1	-2.402	39.7	35.65	26.574	868.95	0	
"2011-06-01	14:00:00"	18.62	158.6	17.91	33.21	15.91	157.1	17.96	30.22	88.1	90.8	-2.66	35.01	31.1	26.553	920.31	0	
"2011-06-01	15:00:00"	19.89	161.1	16.52	32.61	16.9	159.2	16.86	31.42	89.8	92.3	-2.494	32.69	29.07	26.531	874.74	0	
"2011-06-01	16:00:00"	19.59	153.5	13.59	30.22	16.58	152.2	13.33	26.65	91.2	93.5	-2.305	30.56	27.19	26.505	828.3	0	
"2011-06-01	17:00:00"	20.89	154.4	15.57	33.8	17.48	153	15.36	29.03	91.6	93.8	-2.21	29.53	26.3	26.481	699.32	0	
"2011-06-01	18:00:00"	20.89	156.8	14.55	30.82	17.31	155.1	14.42	27.24	91.8	93.6	-1.849	27.68	24.74	26.457	535.34	0	
"2011-06-01	19:00:00"	22.59	158.4	12.3	35	18.99	156.7	12.24	31.42	90.9	92.3	-1.305	26.18	23.63	26.438	352.4	0	
"2011-06-01	20:00:00"	22.44	158.2	9.98	33.21	18.97	155.8	9.93	30.82	88.7	89.3	-0.551	26.84	24.82	26.433	147.83	0	
"2011-06-01	21:00:00"	20.19	159.3	8.53	30.22	16.95	156.1	8.9	26.05	85.2	85.3	-0.083	29.63	27.92	26.445	8.484	0	
"2011-06-01	22:00:00"	15.78	161.9	9.22	26.65	13.36	158.7	9.75	23.07	82.5	82.4	0.103	31.32	29.82	26.464	0.00019	0	
"2011-06-01	23:00:00"	13.21	156.6	9.01	20.09	11.27	154.4	8.99	16.51	80.1	79.92	0.14	35.87	34.43	26.468	0	0	
"2011-06-02	01:00:00"	13.13	160.7	9.04	22.47	11.09	157.7	9.31	19.49	78.07	77.93	0.139	39.98	38.49	26.489	0	0	
"2011-06-02	02:00:00"	10.48	180.7	44.55	19.49	8.76	180.3	48.74	17.1	76.71	76.59	0.113	42.82	41.12	26.497	0	0	
"2011-06-02	03:00:00"	5.015	200.5	37.81	12.33	4.478	200.4	44.01	11.14	76.03	75.66	0.367	43.69	42.29	26.513	0	0	
"2011-06-02	04:00:00"	6.692	143.3	11.5	11.74	5.423	140.6	12.76	9.95	74.9	74.47	0.427	45.46	44.1	26.496	0	0	
"2011-06-02	05:00:00"	9.94	143.2	7.79	14.12	7.927	142.5	8.43	11.74	73.63	73.28	0.351	48.19	46.83	26.47	0	0	
"2011-06-02	06:00:00"	11.6	145.4	8.73	17.7	9.55	144.5	8.97	14.72	72.62	72.41	0.211	49.99	48.53	26.45	0	0	
"2011-06-02	07:00:00"	14.28	138.6	7.882	20.68	11.43	138.1	8.77	18.3	71.9	71.65	0.244	49.99	48.59	26.44	0.93423	0	
"2011-06-02	08:00:00"	15.81	142.3	8.13	26.05	12.85	141.9	8.76	22.47	71.34	71.23	0.114	50.45	49.05	26.439	40.828	0	
"2011-06-02	09:00:00"	18.19	158.4	12.06	29.03	15.21	156.8	12.13	25.45	72.13	72.33	-0.193	50.65	48.72	26.442	128.62	0	
"2011-06-02	10:00:00"	9	180.4	8.96	25.45	15.63	174.3	10.05	23.07	74.51	74.94	-0.431	48.06	45.56	26.456	284.82	0	
"2011-06-02	11:00:00"	13.98	206.8	35.94	27.24	13.45	171.6	11.15	45.13	77.8	77.45	0.351	41.7	39.11	26.447	528.41	0	
"2011-06-02	12:00:00"	18.7	171.6	11.88	28.43	15.53	169.5	13.12	24.86	81.5	83.3	-1.775	37.43	34.39	26.436	733.35	0.12	
"2011-06-02	13:00:00"	18.84	173.8	12.61	26.65	15.81	172.7	13.99	24.26	85.3	87.4	-2.156	32.93	29.72	26.427	911.46	0	
"2011-06-02	14:00:00"	16.7	169.3	13.37	27.24	14.19	168	14.48	23.66	88.4	90.6	-2.177	30.68	27.5	26.408	848.96	0	
"2011-06-02	15:00:00"	17.16	167	14.36	27.84	14.58	166.2	15.26	24.86	90.5	92.7	-2.178	28.81	25.68	26.388	864.83	0	
"2011-06-02	16:00:00"	18.48	164.7	14.04	29.63	15.73	164.1	14.87	25.45	92.4	94.4	-2.01	27.28	24.44	26.36	874.4	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-06-02	17:00:00"	19.12	169.7	13.52	30.22	16.13	168.4	14.42	26.65	93.7	95.7	-2.044	25.54	22.75	26.332	738.26	0
"2011-06-02	18:00:00"	21.36	158.8	10.49	31.42	18.12	158.3	10.44	27.84	93.3	94.7	-1.374	24.87	22.42	26.309	454.42	0
"2011-06-02	19:00:00"	22.24	158	9.87	32.61	18.92	157.4	9.7	29.63	91	91.6	-0.593	24.55	22.58	26.291	170.43	0
"2011-06-02	20:00:00"	23.24	160	8.29	33.8	19.66	158.6	8.43	29.63	88.7	88.9	-0.204	20.86	19.15	26.286	53.731	0
"2011-06-02	21:00:00"	23.43	159.4	8.1	35.59	19.87	158	8.32	31.42	87	87.1	-0.077	19.69	18.06	26.294	24.606	0
"2011-06-02	22:00:00"	18.84	161	9	32.61	15.84	159.4	9.27	27.84	85	85	0.026	20.82	19.27	26.329	0.03112	0
"2011-06-02	23:00:00"	16.96	238.2	77.62	36.78	12.16	240.1	78.84	30.22	81.9	81.9	-0.007	28.29	26.59	26.401	0	0
"2011-06-03	00:00:00"	7.337	347.4	45.81	18.89	4.799	348.8	48.5	13.52	74.34	73.81	0.533	50.56	51.71	26.46	0	0
"2011-06-03	01:00:00"	6.387	49.6	33.39	10.54	4.543	57.73	28.74	7.561	71.98	71.43	0.557	56.54	56.63	26.455	0	0
"2011-06-03	02:00:00"	7.59	88.7	15.38	11.74	5.045	79.93	14.85	9.95	71.65	71.14	0.506	51.35	52.01	26.439	0	0
"2011-06-03	03:00:00"	12.82	137.2	7.112	21.87	9.65	137.6	8.37	18.89	74.53	73.52	1.011	32.03	31.77	26.419	0	0
"2011-06-03	04:00:00"	15.46	134.4	10.3	24.86	12.17	135.7	11.65	21.28	76.01	75.51	0.5	30.97	29.83	26.393	0	0
"2011-06-03	05:00:00"	12.83	138.1	8.15	18.3	10.08	139.3	9.02	15.91	74.99	74.5	0.493	34.03	32.9	26.387	0	0
"2011-06-03	06:00:00"	12.27	152.4	8.1	19.49	10.23	153.4	7.935	15.31	74.23	73.94	0.288	37.14	35.91	26.39	0	0
"2011-06-03	07:00:00"	9.53	132.9	10.39	12.93	7.187	133.7	11.01	11.14	72.1	71.8	0.306	39.33	38.04	26.4	2.1005	0
"2011-06-03	08:00:00"	11.67	132.1	7.455	16.51	9.2	134.3	8.85	13.52	70.42	70.4	0.027	43.31	41.86	26.413	63.793	0
"2011-06-03	09:00:00"	13.18	149.4	11.89	23.07	10.95	150.6	11.3	20.09	71.36	71.68	-0.319	46.17	44.1	26.423	195.17	0
"2011-06-03	10:00:00"	18.98	162.4	9.96	28.43	16.06	161	10.58	26.65	75.79	76.78	-0.989	44.46	41.49	26.428	469.99	0
"2011-06-03	11:00:00"	19.09	169.3	10.94	27.84	15.98	167.8	11.96	24.86	78.63	79.9	-1.266	39.99	37.17	26.426	544.85	0
"2011-06-03	12:00:00"	17.84	170.4	11.67	26.65	14.97	169.3	12.79	24.86	82.3	84.1	-1.79	34.53	31.55	26.422	722.69	0
"2011-06-03	13:00:00"	17.44	174.6	14.51	27.24	14.68	173.7	16.04	22.47	86	88.2	-2.211	30.12	27.04	26.418	837.72	0
"2011-06-03	14:00:00"	17.87	169.6	14.1	29.63	15.02	168.8	15.17	24.86	88.8	91.4	-2.619	27.19	24.02	26.405	1003	0
"2011-06-03	15:00:00"	17.78	167.4	16.08	33.21	14.97	166.9	16.81	24.86	91.2	93.7	-2.521	24.41	21.38	26.389	945.54	0
"2011-06-03	16:00:00"	16.95	166.4	19.24	30.22	14.34	166.6	19.64	23.66	91.9	94.3	-2.385	20.91	18.12	26.375	755.36	0
"2011-06-03	17:00:00"	15.55	163.7	16.89	26.65	13.14	163.9	17.26	21.87	93.1	94.9	-1.809	18.17	15.86	26.358	624.67	0
"2011-06-03	18:00:00"	17.82	161.3	13.66	30.22	15.06	161	14.14	24.26	93.5	95.1	-1.569	16.69	14.46	26.341	570.05	0
"2011-06-03	19:00:00"	18.74	155.6	11.38	28.43	15.79	155.4	11.03	24.86	92.9	94	-1.097	16.75	14.62	26.343	311.24	0
"2011-06-03	20:00:00"	17.85	154.2	9.3	27.24	15.08	154.8	9.23	24.86	90.4	90.7	-0.3	18.14	16.36	26.351	106.89	0
"2011-06-03	21:00:00"	18.69	158.7	7.943	30.22	15.82	158.2	8.35	26.05	87.9	87.9	0.005	20.1	18.48	26.368	21.897	0
"2011-06-03	22:00:00"	13.54	157.4	8.07	25.45	11.49	157.2	8.3	21.28	85.5	85.3	0.157	22.42	20.93	26.402	0.07881	0
"2011-06-03	23:00:00"	11.4	163.4	11.09	17.7	9.58	163.1	11.55	15.31	83.5	83.4	0.179	25.64	24.17	26.441	0	0
"2011-06-04	00:00:00"	8.91	248.8	61.77	12.93	6.2	254.1	64.2	11.14	81.8	81.5	0.308	28.23	26.83	26.494	0	0
"2011-06-04	01:00:00"	11.61	189.1	18.05	22.47	9.37	189.7	21.35	17.7	81.2	80.8	0.339	29.23	28	26.509	0	0
"2011-06-04	02:00:00"	14.03	182.2	8.67	24.26	11.53	181.4	10.72	21.28	79.43	79.41	0.025	32.49	31.04	26.499	0	0
"2011-06-04	03:00:00"	10.61	158.8	12.82	15.91	8.72	158.7	12.75	13.52	77.38	77.3	0.073	35.75	34.3	26.488	0	0
"2011-06-04	04:00:00"	14.76	149.1	10.03	26.65	12.17	150.2	10.36	23.07	76.91	76.81	0.099	36.09	34.67	26.478	0	0
"2011-06-04	05:00:00"	14.13	138.9	10.73	24.86	11.33	140.3	11.56	20.68	75.71	75.64	0.072	37.54	36.07	26.471	0	0
"2011-06-04	06:00:00"	6.4	119.4	12.84	16.51	4.747	117	14.31	13.52	73.21	73.14	0.065	40.24	38.49	26.488	0	0
"2011-06-04	07:00:00"	6.428	167.3	16.92	10.54	5.154	167.9	18.71	8.75	71.56	71.36	0.208	44.71	43.24	26.501	1.6367	0
"2011-06-04	08:00:00"	9.67	159.4	10.65	15.31	7.963	158.7	11.03	12.93	71.13	71.1	0.029	48.87	47.3	26.514	54.732	0
"2011-06-04	09:00:00"	11.85	142.2	12.32	20.09	9.67	143.9	13.01	17.1	72.07	72.32	-0.249	52.14	50.21	26.538	156.09	0
"2011-06-04	10:00:00"	16.75	152.8	10.88	23.07	14.04	153.4	10.8	21.28	74.72	75.77	-1.041	55.47	52.19	26.557	446.03	0
"2011-06-04	11:00:00"	16.03	158.4	12.33	26.05	13.64	158.8	12.43	23.66	77.96	79.47	-1.512	50.35	46.43	26.562	635.36	0
"2011-06-04	12:00:00"	16.32	158	11.95	24.86	13.94	158.8	12.17	21.87	80.5	82.4	-1.818	45.25	41.13	26.561	783.35	0
"2011-06-04	13:00:00"	15.5	150.7	15.93	26.05	13.11	152.1	16.03	21.87	83.8	86.1	-2.274	39.34	35.58	26.559	901.64	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-04	14:00:00"	14.69	143.7	18.96	23.66	12.27	144.8	19.31	21.87	86	88.6	-2.611	33.43	29.81	26.551	965.79	0	
"2011-06-04	15:00:00"	14.53	149.2	21	26.05	12.35	150	20.93	21.28	88	90.7	-2.714	28.8	25.27	26.536	937.8	0	
"2011-06-04	16:00:00"	14.38	151.6	21.97	25.45	12.03	152.7	21.56	21.87	89.1	91.7	-2.539	26.3	23.03	26.523	897.57	0	
"2011-06-04	17:00:00"	14.43	138.7	19.54	26.65	11.9	139.5	20.57	21.87	88.5	90.8	-2.344	24.25	21.23	26.509	779.43	0	
"2011-06-04	18:00:00"	14.36	136.1	21.04	24.26	11.91	136.8	22.12	20.68	89.3	91.3	-1.998	20.32	17.66	26.501	615.27	0	
"2011-06-04	19:00:00"	13.45	131.8	23.27	21.87	11.14	132.3	25.24	18.89	88.8	90.3	-1.504	19.83	17.43	26.499	355.84	0	
"2011-06-04	20:00:00"	14.54	142	8.86	21.28	11.94	143.8	9.72	18.3	87.1	87.6	-0.504	22.59	20.62	26.506	82.727	0	
"2011-06-04	21:00:00"	10.54	134.3	7.411	18.3	8.08	135.6	9.38	16.51	85.1	85	0.06	22.12	20.51	26.528	17.325	0	
"2011-06-04	22:00:00"	8.18	117.5	6.677	10.54	5.452	114.7	10.63	8.16	81.6	81	0.521	24.49	23.14	26.531	0.07891	0	
"2011-06-04	23:00:00"	8.34	134	15.93	12.93	5.54	132.9	19.51	10.54	79.2	78.34	0.855	27.64	26.54	26.555	0	0	
"2011-06-05	00:00:00"	8.99	167.9	8.97	14.12	7.111	166.1	9.16	11.74	77.88	77.47	0.408	29.32	28.06	26.579	0	0	
"2011-06-05	01:00:00"	10.39	164.4	14.71	14.72	8.21	161.9	16.14	12.93	75.8	75.38	0.424	32.63	31.42	26.586	0	0	
"2011-06-05	02:00:00"	10.47	173.1	7.179	15.31	8.26	171.3	8.19	12.93	73.9	73.53	0.37	35.53	34.31	26.586	0	0	
"2011-06-05	03:00:00"	10.15	161.8	11.13	15.91	8.27	160.7	10.81	14.72	72.68	72.4	0.275	38.54	37.28	26.574	0	0	
"2011-06-05	04:00:00"	10.33	140	8.34	14.72	7.698	140.7	8.93	11.14	72.31	71.86	0.449	40.99	39.75	26.567	0	0	
"2011-06-05	05:00:00"	9.98	126.9	9.29	14.12	7.161	126.3	12.24	11.14	72.74	72.27	0.47	41.81	40.6	26.567	0	0	
"2011-06-05	06:00:00"	10.49	138.5	7.271	15.31	8	139.4	8.61	11.74	71.95	71.58	0.365	45.82	44.48	26.582	0	0	
"2011-06-05	07:00:00"	11.05	154.3	8.1	16.51	9.22	155.3	7.598	14.72	70.56	70.43	0.132	51.02	49.46	26.581	5.4807	0	
"2011-06-05	08:00:00"	12.09	160.9	8.77	20.68	10.25	159.3	8.33	17.1	70.91	70.96	-0.045	57.16	55.44	26.587	95.555	0	
"2011-06-05	09:00:00"	15.81	163.7	9.63	24.26	13.31	161.9	10.16	21.28	73.48	73.92	-0.448	58.87	56.58	26.602	265.45	0	
"2011-06-05	10:00:00"	17.13	168.4	12.34	25.45	14.42	167.6	12.91	22.47	76.14	77.12	-0.981	54	50.85	26.61	463.78	0	
"2011-06-05	11:00:00"	16.53	176.2	10.86	25.45	14.08	175.5	12.35	23.07	78.28	79.89	-1.613	47.86	43.88	26.608	657.12	0	
"2011-06-05	12:00:00"	14.12	159.5	15.68	23.66	12.04	158.6	15.45	20.09	81	82.8	-1.84	39.19	35.79	26.601	771.3	0	
"2011-06-05	13:00:00"	12.9	158.2	24.65	21.28	10.96	157.7	25.53	18.3	83.3	85.4	-2.064	31.91	28.73	26.592	830.9	0	
"2011-06-05	14:00:00"	11.48	157.5	20.45	23.66	9.73	156.9	21.95	21.28	84.5	86.5	-1.999	28.55	25.57	26.579	877.08	0	
"2011-06-05	15:00:00"	11.16	161.4	30.56	24.86	9.58	161.7	34.09	21.28	86.5	88.8	-2.316	24.32	21.33	26.555	969.71	0	
"2011-06-05	16:00:00"	11.09	158	29.26	24.26	9.51	159.5	31.48	22.47	88	90.3	-2.257	20.69	17.92	26.534	919.98	0	
"2011-06-05	17:00:00"	10.42	167.9	33.97	20.09	8.81	168.5	37.12	18.3	88.7	90.8	-2.095	20.05	17.38	26.507	796.54	0	
"2011-06-05	18:00:00"	11.48	150	26.35	24.86	9.68	150	27.25	21.28	89.4	91.3	-1.949	20.21	17.58	26.488	620.66	0	
"2011-06-05	19:00:00"	11.3	150.6	18.48	21.87	9.52	149.8	19.27	18.3	89.4	90.7	-1.328	20.12	17.79	26.472	403.18	0	
"2011-06-05	20:00:00"	12.76	153.5	15.78	19.49	10.71	154.2	15.06	17.7	89	89.6	-0.642	17.23	15.31	26.465	153.31	0	
"2011-06-05	21:00:00"	10.45	155.1	9.95	16.51	8.7	155.2	9	14.12	86.7	86.6	0.017	16.11	14.49	26.476	23.002	0	
"2011-06-05	22:00:00"	8.63	159.3	8.84	12.33	6.951	158.7	9.13	11.74	83.3	82.9	0.392	16.8	15.42	26.484	0.13483	0	
"2011-06-05	23:00:00"	10.08	155.7	8.79	15.91	7.933	155.3	8.69	12.93	80.8	80.3	0.511	16.94	15.65	26.494	0	0	
"2011-06-06	00:00:00"	10.63	160.4	8.67	17.1	8.73	159.6	8.52	14.12	77.97	77.58	0.384	17.98	16.6	26.508	0	0	
"2011-06-06	01:00:00"	10.46	155.5	7.858	15.91	8.32	154.8	7.48	11.74	75.83	75.35	0.476	19.64	18.31	26.516	0	0	
"2011-06-06	02:00:00"	10.52	171.1	8.78	16.51	8.19	169.8	9.01	13.52	73.37	72.8	0.575	22.28	21	26.513	0	0	
"2011-06-06	03:00:00"	12.34	171.3	7.669	17.7	9.78	169.2	8.99	14.72	72.9	72.38	0.519	25.79	24.54	26.506	0	0	
"2011-06-06	04:00:00"	10.68	169.6	8.53	16.51	8.71	167.9	9.8	13.52	72.67	72.23	0.439	28.49	27.27	26.491	0	0	
"2011-06-06	05:00:00"	7.547	161.1	9.97	11.14	5.685	161.6	10.63	9.95	70.94	70.22	0.72	31	29.95	26.489	0	0	
"2011-06-06	06:00:00"	10.46	155.8	7.687	15.31	8.34	155.3	7.708	12.93	71.08	70.42	0.661	31.6	30.65	26.484	0	0	
"2011-06-06	07:00:00"	11.05	154.8	8.12	16.51	8.83	154.5	7.848	12.93	70.33	69.77	0.555	32.58	31.67	26.477	2.0912	0	
"2011-06-06	08:00:00"	10.31	150.6	7.57	14.72	8.19	151.2	7.872	12.33	70.12	69.72	0.4	34.06	33.34	26.478	82.413	0	
"2011-06-06	09:00:00"	13.84	161.9	9.88	21.87	11.66	160.7	9.96	19.49	74.21	74.46	-0.246	32.47	31.03	26.47	260.94	0	
"2011-06-06	10:00:00"	18.05	172.5	9.99	26.65	15.07	170.3	11.36	22.47	78.1	78.88	-0.78	30.12	28.28	26.476	463.2	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-06	11:00:00"	17.55	174.1	11.95	26.05	14.76	172.4	13.38	21.87	80.8	82.1	-1.307	27.84	25.63	26.471	652.98	0
"2011-06-06	12:00:00"	16.47	177.1	14.66	24.86	13.88	176.4	16.75	21.28	83.1	84.9	-1.83	25.3	22.86	26.462	814.45	0
"2011-06-06	13:00:00"	15.03	169.9	16.16	27.84	12.75	169.8	17.09	28.43	85.4	87.5	-2.065	22.99	20.43	26.453	926.57	0
"2011-06-06	14:00:00"	14.8	169	15.13	26.65	12.62	167.5	16.95	22.47	87.8	89.9	-2.099	19.87	17.43	26.431	972.23	0
"2011-06-06	15:00:00"	13.97	174.9	19.15	29.03	11.72	174.2	20.06	24.26	89.4	91.4	-1.976	18.37	16.01	26.411	684.52	0
"2011-06-06	16:00:00"	14.78	171	17.46	25.45	12.54	171.1	19.14	23.07	90.7	92.7	-2.023	17.68	15.4	26.386	873.25	0
"2011-06-06	17:00:00"	15.46	176.5	15.96	35.59	13.08	175.7	17.77	21.87	91.7	93.4	-1.676	16.42	14.28	26.364	647.16	0
"2011-06-06	18:00:00"	12.39	166.2	20.37	24.26	10.42	166.3	21.94	18.89	92	93.4	-1.381	15.15	13.07	26.343	488.46	0
"2011-06-06	19:00:00"	13.73	183.5	22.07	23.66	11.62	184.1	25.45	21.87	92.4	93.5	-1.031	14.49	12.52	26.324	332.47	0
"2011-06-06	20:00:00"	12.6	174.4	11.56	18.89	10.44	172.9	12.24	15.91	91.8	92.2	-0.371	14.18	12.46	26.32	149.92	0
"2011-06-06	21:00:00"	10.57	161.6	8.89	16.51	8.81	160.5	8.65	13.52	89.3	89.2	0.179	14.55	13.04	26.336	20.782	0
"2011-06-06	22:00:00"	10.48	179	16.37	19.49	8.32	177.9	18.28	16.51	85.8	85.3	0.47	16.33	14.98	26.349	0.11329	0
"2011-06-06	23:00:00"	11.38	176.5	18.3	21.87	9.19	175.1	20.31	17.1	84.6	84.2	0.383	21.59	20.17	26.346	0	0
"2011-06-07	00:00:00"	12.42	151.5	10.21	18.89	10.09	152.2	9.61	16.51	82.1	81.8	0.308	23.86	22.45	26.343	0	0
"2011-06-07	01:00:00"	13.56	162.9	8.85	20.68	11.26	161.2	9.07	15.91	80.7	80.4	0.357	24.07	22.73	26.356	0	0
"2011-06-07	02:00:00"	14.61	163.9	8.86	22.47	12.09	162.7	9.33	18.89	80	79.63	0.38	24.1	22.77	26.352	0	0
"2011-06-07	03:00:00"	11.76	167.9	8.74	18.89	9.75	166.1	9.03	15.91	78.09	77.71	0.383	26.66	25.37	26.347	0	0
"2011-06-07	04:00:00"	10.94	171.6	8.56	17.7	8.69	170.9	9.74	14.72	75.88	75.39	0.497	29.17	28.02	26.335	0	0
"2011-06-07	05:00:00"	10.42	180.1	9.87	17.1	8.25	179.5	12.17	13.52	74.29	73.71	0.577	31.87	30.85	26.327	0	0
"2011-06-07	06:00:00"	10.2	182.9	9.04	16.51	8.16	182.2	10.71	13.52	73.22	72.69	0.524	34.23	33.21	26.332	0	0
"2011-06-07	07:00:00"	8.77	184	9.03	12.93	6.743	183.4	11.49	9.95	71.1	70.39	0.71	37.18	36.6	26.342	1.3893	0
"2011-06-07	08:00:00"	8.65	170.2	9.81	12.33	6.929	168.8	10.24	11.14	70.97	70.69	0.278	38.79	37.87	26.351	66.794	0
"2011-06-07	09:00:00"	11.15	176.2	12.48	20.68	9.16	174.7	14.38	17.1	75.31	75.58	-0.273	35.73	34.29	26.36	251.29	0
"2011-06-07	10:00:00"	13.81	189.2	10.45	21.87	11.51	190	13.28	18.3	79.98	80.9	-0.92	30.35	28.33	26.364	439.16	0
"2011-06-07	11:00:00"	12.42	188.9	13.66	17.7	10.39	189.8	17.04	15.91	83.2	84.7	-1.492	27.38	24.96	26.358	631.4	0
"2011-06-07	12:00:00"	9.68	207.2	20	18.89	8.22	207.1	22.65	15.31	86.5	88.4	-1.859	23.77	21.16	26.346	797.1	0
"2011-06-07	13:00:00"	8.38	218.6	30.61	16.51	7.128	221.1	35.53	15.31	89.5	91.7	-2.199	20.95	18.26	26.337	913.33	0
"2011-06-07	14:00:00"	6.691	205.6	43.89	15.91	5.859	207.3	50.51	17.1	92.5	94.4	-1.938	17.59	15.17	26.319	967.66	0
"2011-06-07	15:00:00"	7.184	215.2	43.53	20.68	6.19	215.1	50.87	18.89	94.8	96.9	-2.144	15.33	12.92	26.293	941.64	0
"2011-06-07	16:00:00"	7.106	187.5	51.59	17.7	6.19	188	53.92	15.31	96.3	98.2	-1.9	14	11.77	26.268	886.27	0
"2011-06-07	17:00:00"	6.576	197.6	40.84	17.1	5.569	198.7	44.6	14.72	96.6	97.7	-1.144	13.85	11.79	26.253	315.38	0
"2011-06-07	18:00:00"	11.05	192.1	39.34	18.89	9.21	193	41.4	16.51	97	98.3	-1.277	13.6	11.58	26.242	444.69	0
"2011-06-07	19:00:00"	8.89	160.2	33.47	17.7	7.422	160.7	32.67	14.12	97.4	98.4	-1.011	13.08	11.11	26.231	334.35	0
"2011-06-07	20:00:00"	8.05	226.1	77.24	22.47	6.579	227.9	75.43	20.09	96.3	97	-0.715	13.31	11.47	26.232	126.06	0
"2011-06-07	21:00:00"	9.82	166.2	42.07	30.22	7.83	162.4	47.74	26.05	95.4	95.2	0.175	13.36	11.8	26.242	28.818	0
"2011-06-07	22:00:00"	12.24	177.9	10.26	23.07	9.83	176.2	11.65	20.09	91.9	91.3	0.546	15.92	14.54	26.25	0.25556	0
"2011-06-07	23:00:00"	17.03	177	7.213	25.45	13.99	175.2	8.41	25.45	88.8	88.4	0.384	21.09	19.66	26.275	0	0
"2011-06-08	00:00:00"	16.27	176.7	6.962	24.86	13.23	174.3	8.46	20.68	85.8	85.4	0.405	23.51	22.15	26.304	0	0
"2011-06-08	01:00:00"	15.74	176	7.399	22.47	12.79	174	8.8	19.49	83.5	83.1	0.412	24.42	23.1	26.31	0	0
"2011-06-08	02:00:00"	17.29	177.2	7.681	25.45	14.07	175.5	9.44	20.68	81.9	81.5	0.401	26.83	25.55	26.304	0	0
"2011-06-08	03:00:00"	16.91	180	7.289	24.26	13.88	178.4	8.98	20.09	80.2	79.83	0.385	29.5	28.25	26.296	0	0
"2011-06-08	04:00:00"	12.96	189.3	8.76	21.28	10.59	190	10.4	17.7	78.24	77.81	0.432	32.39	31.21	26.297	0	0
"2011-06-08	05:00:00"	9.9	191.9	7.878	15.31	7.893	192.7	9.49	12.33	76.04	75.56	0.485	35.13	34.06	26.302	0	0
"2011-06-08	06:00:00"	8.71	192.9	11.09	14.12	6.722	195.8	13.55	10.54	74.17	73.56	0.611	37.25	36.34	26.305	0	0
"2011-06-08	07:00:00"	7.949	206.4	7.689	12.33	5.321	212.5	10.4	8.75	72.53	71.74	0.786	38.93	38.29	26.314	2.4607	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-08	08:00:00"	8.05	219	10.94	11.14	5.938	224	12.02	8.75	72.41	72.12	0.29	39.22	38.16	26.327	78.129	0	
"2011-06-08	09:00:00"	9.93	212.6	11.15	15.31	7.899	215.6	13.62	12.93	75.05	75.46	-0.404	37.21	35.51	26.332	246.57	0	
"2011-06-08	10:00:00"	11.18	212.7	9.94	15.91	9.14	216.2	13.28	14.72	79.27	80.3	-1.045	32.98	30.73	26.342	448.61	0	
"2011-06-08	11:00:00"	8.85	230.3	17.57	14.12	7.514	232.4	20.34	11.74	84.1	85.5	-1.42	27.24	24.82	26.339	643.58	0	
"2011-06-08	12:00:00"	5.829	236.1	24.53	12.33	5.137	236	31.91	11.14	89.8	91.4	-1.582	20.05	17.71	26.33	809.33	0	
"2011-06-08	13:00:00"	6.085	285	50.65	17.1	4.691	285.1	55.99	12.33	95	97.1	-2.094	11.85	9.7	26.319	926.03	0	
"2011-06-08	14:00:00"	7.767	259.3	54.1	19.49	6.327	263.1	56.6	16.51	97	99.2	-2.201	9.1	7.007	26.303	966	0	
"2011-06-08	15:00:00"	9.04	238.8	41.55	19.49	7.518	239.6	46.31	16.51	98.3	100.5	-2.195	8.52	6.429	26.286	947.58	0	
"2011-06-08	16:00:00"	8.51	252.8	51.69	23.66	6.916	253	53.26	18.89	99.1	101.5	-2.385	8.65	6.509	26.267	918.85	0	
"2011-06-08	17:00:00"	9.48	230.6	39.34	18.89	7.964	231.3	43.03	17.1	99.3	101.3	-1.905	8.92	6.878	26.25	707.42	0	
"2011-06-08	18:00:00"	10.4	217.3	38.33	19.49	8.54	219.1	42.09	17.1	99.2	100.4	-1.15	9.02	7.125	26.237	378.75	0	
"2011-06-08	19:00:00"	9.92	229.4	28.47	20.09	8.29	231.9	30.32	18.89	99.8	101	-1.171	8.7	6.775	26.229	427.52	0	
"2011-06-08	20:00:00"	10.97	220.5	30.58	20.68	8.99	221.7	33.08	19.49	99.2	99.6	-0.398	8.99	7.231	26.229	173.37	0	
"2011-06-08	21:00:00"	8.8	248.9	11.38	16.51	6.796	251.1	14.03	14.72	97.4	97.2	0.212	9.67	8.05	26.239	47.478	0	
"2011-06-08	22:00:00"	10.74	203.4	35.8	30.22	8.46	203.3	37.84	25.45	92.5	91.9	0.593	16.59	15.05	26.253	0.27749	0	
"2011-06-08	23:00:00"	19.56	177	8.47	32.01	16.06	174.7	10.06	27.84	89.8	89.6	0.204	25.25	23.77	26.273	0	0	
"2011-06-09	00:00:00"	22.84	175.2	7.389	33.21	18.75	173.2	8.96	31.42	87.2	86.9	0.268	30	28.56	26.286	0	0	
"2011-06-09	01:00:00"	19.89	177.1	7.37	30.22	16.43	175.1	9.09	25.45	83.9	83.6	0.248	33.2	31.83	26.297	0	0	
"2011-06-09	02:00:00"	16.01	170	15.1	24.86	13.03	169.1	15.08	20.68	81.5	81.3	0.269	37.09	35.77	26.304	0	0	
"2011-06-09	03:00:00"	11.38	156.4	11.86	19.49	9.34	156.6	11.77	14.72	79.38	79.09	0.298	39.38	38.16	26.31	0	0	
"2011-06-09	04:00:00"	10.26	167.5	9.93	15.91	8.25	167.6	10.6	14.72	77.56	77.21	0.349	40.73	39.43	26.308	0	0	
"2011-06-09	05:00:00"	9.42	171.4	9.95	14.12	7.521	170.6	10.67	12.93	75.79	75.37	0.42	42.38	41.17	26.307	0	0	
"2011-06-09	06:00:00"	5.676	164.6	17.56	10.54	3.987	157.5	23.77	8.16	73.85	72.99	0.862	44.52	43.77	26.314	0	0	
"2011-06-09	07:00:00"	4.796	159.1	23.37	8.16	2.802	146.3	45.22	6.964	72.05	70.73	1.325	46.89	46.89	26.333	2.398	0	
"2011-06-09	08:00:00"	7.003	187.2	19.03	11.74	5.342	188.9	25.68	9.35	72.44	71.95	0.489	47.03	46.21	26.344	75.932	0	
"2011-06-09	09:00:00"	10.43	204.4	9.88	15.91	8.43	206	13.01	13.52	74.68	75.13	-0.446	44.13	42.04	26.351	241.18	0	
"2011-06-09	10:00:00"	11.02	209.6	11.07	16.51	9.1	211.9	14.47	14.12	78.54	79.41	-0.862	38.1	35.88	26.359	356.78	0	
"2011-06-09	11:00:00"	9.32	221.6	17.27	14.72	7.7	223.4	19.64	11.74	83.3	84.7	-1.362	30.04	27.59	26.353	562.73	0	
"2011-06-09	12:00:00"	9.22	260.1	26.13	19.49	7.302	260.7	29.91	14.72	91.1	93.1	-2.004	15.74	13.5	26.334	827.25	0	
"2011-06-09	13:00:00"	10.12	269.4	25.06	19.49	7.95	271	27.14	17.1	94.6	96.9	-2.328	9.33	7.248	26.327	917.26	0	
"2011-06-09	14:00:00"	10.58	245	25.98	21.28	8.77	247.6	29.51	18.3	96	98.3	-2.282	8.44	6.389	26.314	970.74	0	
"2011-06-09	15:00:00"	10.8	222.3	31.98	22.47	9.08	224.4	35.41	21.28	96.8	99.1	-2.295	8.6	6.505	26.291	970.86	0	
"2011-06-09	16:00:00"	12.36	219	20.9	23.07	10.31	221.7	24.2	19.49	98.6	100.9	-2.362	9.34	7.189	26.268	913.98	0	
"2011-06-09	17:00:00"	12.49	208.9	25.18	27.24	10.47	211.1	28.89	23.07	98.7	100.7	-1.991	8.96	6.918	26.25	791.35	0	
"2011-06-09	18:00:00"	14	210	19.51	28.43	11.53	211.4	22.46	24.26	99.5	101.2	-1.662	8.76	6.775	26.234	617.74	0	
"2011-06-09	19:00:00"	13.36	221.8	20.1	25.45	10.81	224.2	22.9	21.87	99.3	100.5	-1.119	8.72	6.806	26.225	420.02	0	
"2011-06-09	20:00:00"	11.95	230.1	17.74	22.47	9.78	231.4	20.64	19.49	98.8	99.2	-0.41	8.98	7.208	26.224	216.64	0	
"2011-06-09	21:00:00"	8.76	255.5	16.56	15.31	6.881	258.9	18.52	12.93	97	96.7	0.293	9.16	7.57	26.232	56.178	0	
"2011-06-09	22:00:00"	6.917	256.7	22.63	15.91	4.808	258.1	27.28	12.93	92.8	91.5	1.345	9.19	7.973	26.247	0.43988	0	
"2011-06-09	23:00:00"	14.63	176	13.21	30.22	11.63	172.5	12	26.05	89.3	88.3	0.998	20.59	19.27	26.275	0	0	
"2011-06-10	00:00:00"	15.77	179.3	7.856	26.05	12.94	177.4	9.62	21.87	86.6	86.3	0.341	33.58	32.21	26.3	0	0	
"2011-06-10	01:00:00"	12.58	178.3	7.606	18.3	10.23	176.3	8.86	15.91	83.2	82.8	0.357	37.44	36.17	26.31	0	0	
"2011-06-10	02:00:00"	11.93	175.8	6.287	20.68	9.55	174.5	7.838	16.51	80.4	80	0.36	40.73	39.39	26.304	0	0	
"2011-06-10	03:00:00"	10.5	176.8	8.24	16.51	8.36	175.2	9.74	14.12	78.04	77.64	0.399	42.91	41.61	26.295	0	0	
"2011-06-10	04:00:00"	7.035	195.9	17.81	12.33	5.303	200.6	21.77	9.95	76.06	75.53	0.532	43.78	42.69	26.291	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-10	05:00:00"	7.889	193.1	11.12	13.52	5.855	195.2	14.13	11.14	74.98	74.22	0.759	43.52	42.85	26.294	0	0
"2011-06-10	06:00:00"	7.478	184.9	9.12	11.14	5.51	184.3	11.6	8.75	73.91	73.09	0.818	43.16	42.59	26.293	0	0
"2011-06-10	07:00:00"	8.46	186.2	12.98	13.52	6.32	187.1	17.06	9.95	72.5	71.8	0.696	44.23	43.6	26.297	2.6722	0
"2011-06-10	08:00:00"	8.55	196.3	8.59	12.33	6.55	198.7	11.05	11.14	71.71	71.38	0.324	45.55	44.47	26.308	81.309	0
"2011-06-10	09:00:00"	12.3	188.1	9.74	18.89	10.28	188.1	12.69	16.51	75.17	75.55	-0.383	41.46	39.55	26.312	256.84	0
"2011-06-10	10:00:00"	9.53	201.8	18.54	16.51	8.02	202.4	20.37	14.72	78.86	79.94	-1.084	37.23	34.84	26.325	456.58	0
"2011-06-10	11:00:00"	5.775	215.4	20.16	9.95	5.007	216.2	26.35	9.35	83.2	84.7	-1.452	30.83	28.24	26.319	654.28	0
"2011-06-10	12:00:00"	6.727	212.7	26.03	14.72	5.77	212.3	30.93	12.33	87.3	88.9	-1.584	24.21	21.7	26.313	807.35	0
"2011-06-10	13:00:00"	5.568	217.9	51.76	12.93	4.766	218.1	54.03	13.52	90.5	92.3	-1.806	20.8	18.27	26.31	868.37	0
"2011-06-10	14:00:00"	6.571	202.1	47.35	14.12	5.689	203.7	48.55	12.93	92.7	94.4	-1.721	18.13	15.72	26.296	722.73	0
"2011-06-10	15:00:00"	9.37	193.2	33.73	17.7	7.981	193.8	37.67	17.1	94.3	96.1	-1.826	18	15.6	26.277	693.69	0
"2011-06-10	16:00:00"	8.8	199.5	23.37	18.3	7.508	201.2	27.16	14.72	95.6	97.2	-1.638	16.23	13.93	26.255	538.18	0
"2011-06-10	17:00:00"	11.24	210.4	22.74	23.07	9.46	212.3	26.79	21.87	97.5	99.4	-1.857	13.24	11.04	26.23	740.98	0
"2011-06-10	18:00:00"	11.66	214.4	22.56	26.05	9.56	216.7	25.8	21.28	98.4	100	-1.632	11.1	9.02	26.207	638.02	0
"2011-06-10	19:00:00"	13.37	240.6	26.08	26.05	10.86	243.8	28.51	22.47	99.1	100.2	-1.08	7.23	5.375	26.193	419.15	0
"2011-06-10	20:00:00"	13.15	236.3	15.64	24.26	10.82	238.7	17.81	20.09	98.7	99.1	-0.338	5.639	3.918	26.198	224.37	0
"2011-06-10	21:00:00"	10.62	246.7	14.41	18.3	8.51	248.7	16.88	14.72	96.2	96	0.251	5.158	3.549	26.217	60.206	0
"2011-06-10	22:00:00"	12.27	297.3	64.3	26.65	9.32	304.3	62.08	21.87	88.4	87.6	0.77	13.87	12.32	26.243	0.42045	0
"2011-06-10	23:00:00"	16.67	66.45	13.73	26.65	12.91	66.26	14.88	20.68	74.88	74.91	-0.026	52.35	50.36	26.286	0	0
"2011-06-11	00:00:00"	12.48	86.2	9.12	19.49	9.26	85.2	11.64	15.31	72.95	72.83	0.122	56.41	54.75	26.308	0	0
"2011-06-11	01:00:00"	12.26	108.9	9.99	17.7	9.26	107.2	12.91	14.72	73.27	73.18	0.088	55.63	54	26.315	0	0
"2011-06-11	02:00:00"	11.56	107.1	7.902	15.91	8.68	105.5	9.87	14.12	72.54	72.46	0.078	55.03	53.4	26.317	0	0
"2011-06-11	03:00:00"	9.37	105.2	9.27	14.12	6.483	101.6	12.38	10.54	71.53	70.99	0.543	53.93	53.05	26.314	0	0
"2011-06-11	04:00:00"	8.52	110.4	9.69	11.14	4.917	102.1	11.63	7.561	70.29	68.66	1.632	54.34	55.22	26.314	0	0
"2011-06-11	05:00:00"	8.44	114.1	11.99	10.54	4.857	105	15.53	8.16	68.81	67.19	1.626	55.09	56.18	26.311	0	0
"2011-06-11	06:00:00"	9.06	117.3	9.97	12.33	5.682	108.6	15.74	9.95	68.22	66.82	1.404	52.61	53.43	26.316	0	0
"2011-06-11	07:00:00"	8.13	132.7	9.59	12.93	5.28	128.1	14.74	10.54	68.18	67.12	1.063	50.5	50.63	26.332	3.2865	0
"2011-06-11	08:00:00"	6.733	155.9	14.54	10.54	5.034	154.9	14.31	8.75	68.84	68.41	0.43	50.62	49.91	26.345	88.383	0
"2011-06-11	09:00:00"	11.2	184.3	10.04	20.68	9.39	183.2	12.53	17.1	72.07	72.41	-0.34	53.61	51.55	26.351	250.32	0
"2011-06-11	10:00:00"	14.99	184.5	10.08	22.47	12.55	183.4	12.63	18.89	75.92	76.84	-0.919	55.42	52.55	26.354	449.11	0
"2011-06-11	11:00:00"	14.43	179.7	11.43	20.68	12.05	178.5	13.76	18.89	79.81	81.3	-1.511	49.08	45.42	26.351	653.93	0
"2011-06-11	12:00:00"	13.87	186.6	14.82	22.47	11.58	185.4	18.06	21.28	84.8	86.7	-1.987	37.87	34.51	26.347	822.78	0
"2011-06-11	13:00:00"	12.65	204.4	19.39	24.26	10.51	205.4	22.5	20.09	89.7	91.9	-2.196	21.17	18.54	26.339	943.77	0
"2011-06-11	14:00:00"	12.82	205.5	22.66	22.47	10.93	206.6	26.63	18.89	92.6	94.8	-2.194	14.64	12.28	26.326	994.1	0
"2011-06-11	15:00:00"	12.78	213	24.27	22.47	10.76	214.4	26.55	19.49	94.1	96.5	-2.351	14.26	11.87	26.309	969.41	0
"2011-06-11	16:00:00"	13.98	203.8	24.43	26.05	11.71	205	27.74	24.86	95.7	97.9	-2.284	12.19	9.87	26.289	928.51	0
"2011-06-11	17:00:00"	15	204.7	31.49	26.05	12.51	206.6	35.62	23.66	97	98.9	-1.883	9.54	7.427	26.269	804.01	0
"2011-06-11	18:00:00"	13.33	220.4	20.08	25.45	11.12	222.3	23.09	21.28	98	99.6	-1.54	5.176	3.33	26.255	645.36	0
"2011-06-11	19:00:00"	12.61	228	21.9	23.07	10.52	230.1	24.52	20.09	98.4	99.4	-0.977	3.935	2.18	26.242	438.72	0
"2011-06-11	20:00:00"	11.71	217	17.25	20.09	9.6	217.9	19.8	17.7	98.1	98.5	-0.34	3.638	1.954	26.233	237.45	0
"2011-06-11	21:00:00"	8.53	224.6	15.6	15.91	6.7	226.5	16.6	14.12	96	95.6	0.438	3.361	1.781	26.238	63.904	0
"2011-06-11	22:00:00"	15.22	180.7	13.03	24.26	12.3	178.4	13.44	21.28	89.6	89.1	0.482	22.21	20.53	26.252	0.47772	0
"2011-06-11	23:00:00"	15.63	175	7.56	24.26	12.82	173.1	9	21.28	86.2	86	0.239	32.27	30.78	26.275	0	0
"2011-06-12	00:00:00"	14.52	178.5	7.436	21.87	11.85	176.9	8.96	18.89	83	82.7	0.292	35.01	33.66	26.292	0	0
"2011-06-12	01:00:00"	14.04	183.6	8.34	21.87	11.54	183	10.69	18.89	80.6	80.3	0.311	36.72	35.43	26.298	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-12	02:00:00"	11.39	191.3	8.55	18.89	9.33	192	10.35	14.12	78.17	77.81	0.356	40.97	39.61	26.299	0
"2011-06-12	03:00:00"	10.74	194.6	7.619	16.51	8.79	196.2	9.76	14.12	76.15	75.76	0.391	43.72	42.43	26.291	0
"2011-06-12	04:00:00"	10.53	189	8.08	17.1	8.5	190.8	9.61	14.72	74.63	74.13	0.494	43.35	42.28	26.287	0
"2011-06-12	05:00:00"	10.41	191.1	8.33	17.1	8.42	193.6	10.05	14.12	73.37	72.86	0.514	43.67	42.6	26.282	0
"2011-06-12	06:00:00"	8.79	193.4	7.777	12.33	6.868	195.7	10.16	10.54	71.86	71.25	0.612	46.76	45.81	26.286	0
"2011-06-12	07:00:00"	7.506	194.6	7.988	9.95	5.665	195.7	10.69	8.16	70.19	69.39	0.801	50.62	49.95	26.3	3.3069
"2011-06-12	08:00:00"	6.865	208.1	8.71	9.35	4.92	213	12.36	6.964	69.58	69.26	0.316	52.6	51.4	26.319	92.785
"2011-06-12	09:00:00"	10.53	188.2	12.5	18.89	8.69	188.3	15.84	17.7	73.15	73.55	-0.401	49.18	46.98	26.339	267.3
"2011-06-12	10:00:00"	11.1	182.4	12.18	17.1	9.32	180.7	15.04	14.12	77.55	78.57	-1.022	44.81	41.77	26.35	470.37
"2011-06-12	11:00:00"	9.69	200.4	15.17	15.91	8.15	203.1	19.49	13.52	81.5	83.1	-1.629	39.94	36.69	26.354	670.03
"2011-06-12	12:00:00"	8.18	185.9	18.36	14.72	6.957	184.7	22.87	13.52	86.1	87.9	-1.827	33.57	30.56	26.352	837.5
"2011-06-12	13:00:00"	8.93	179.9	26.55	18.3	7.646	181.8	29.29	16.51	90.3	92.3	-2.057	28.62	25.61	26.346	942.67
"2011-06-12	14:00:00"	9.42	185.2	26.88	18.89	8.14	186.4	30.62	15.91	93.9	95.9	-2.071	21.74	19	26.329	995.05
"2011-06-12	15:00:00"	11.08	184.3	31.63	32.01	9.46	183.7	34.44	27.24	97.3	99.5	-2.16	13.99	11.63	26.31	963.75
"2011-06-12	16:00:00"	12.92	175.2	20.88	27.24	10.95	175.8	24.26	24.86	98.9	101	-2.159	11.25	9	26.29	917.06
"2011-06-12	17:00:00"	13.16	174.1	32.29	27.24	11.05	173.6	33.78	26.05	99.8	101.8	-2.011	9.98	7.807	26.269	797
"2011-06-12	18:00:00"	12.05	179.5	24.15	23.07	10.12	178.9	26.32	19.49	99.1	100	-0.937	11.72	9.74	26.258	212.41
"2011-06-12	19:00:00"	29.36	166.9	26.39	60.04	24.24	166.1	27.38	47.52	88.9	89	-0.058	23.96	22.41	26.292	9.4542
"2011-06-12	20:00:00"	15.79	125.7	11.19	30.22	12.32	127.4	13.42	24.86	87.3	87.9	-0.55	24.85	22.89	26.292	95.508
"2011-06-12	21:00:00"	11.89	132.1	12.26	18.3	9.53	132.9	14.33	15.31	86.2	86.5	-0.251	26.24	24.48	26.304	28.891
"2011-06-12	22:00:00"	10.08	136.2	26.87	17.7	7.846	136.5	28.22	15.31	84.2	84.2	0.017	28.28	26.75	26.321	0.34177
"2011-06-12	23:00:00"	8.19	159.9	11.51	15.31	6.322	158.6	12.18	10.54	82.3	81.7	0.506	30.18	29.18	26.324	0
"2011-06-13	00:00:00"	9.27	170.7	11.17	17.7	7.276	169.3	11.8	17.1	82.2	81.6	0.621	27.04	26.06	26.337	0
"2011-06-13	01:00:00"	13.58	168	9.34	20.68	11.2	166.4	9.95	17.7	82.2	81.8	0.436	32.62	31.38	26.34	0
"2011-06-13	02:00:00"	15.31	180.1	8.05	23.07	12.53	178.8	9.89	18.89	80.5	80.1	0.389	36.62	35.46	26.351	0
"2011-06-13	03:00:00"	14.32	185.6	8.2	23.66	11.76	185.3	10.39	18.89	78.36	77.98	0.378	38.1	36.98	26.358	0
"2011-06-13	04:00:00"	12.48	177.1	9.27	20.09	11.9	175.6	10.63	18.3	77.14	76.78	0.363	38.06	36.95	26.353	0
"2011-06-13	05:00:00"	16.35	174.5	7.96	24.26	13.35	173.4	9.19	21.28	76.69	76.36	0.331	38.04	36.9	26.341	0
"2011-06-13	06:00:00"	15.5	182.3	8.25	23.66	12.74	181.4	9.94	21.28	75.93	75.59	0.345	39.28	38.15	26.345	0
"2011-06-13	07:00:00"	9.7	203.4	11.92	17.1	7.583	207.6	15.28	15.91	72.94	72.56	0.376	43.98	42.72	26.361	2.6635
"2011-06-13	08:00:00"	9.86	201.4	10.77	14.72	7.811	204.7	13.72	13.52	72.78	72.54	0.235	44.81	43.46	26.381	80.506
"2011-06-13	09:00:00"	13.27	191	10.22	23.07	10.99	190.9	12.62	18.89	76.43	76.73	-0.307	41.34	39.56	26.397	259.43
"2011-06-13	10:00:00"	16.46	183.6	8.65	22.47	13.87	181.7	11.15	20.09	79.42	80.2	-0.816	38.09	36.05	26.411	444.14
"2011-06-13	11:00:00"	15.85	184.8	11.25	22.47	13.32	183.3	13.86	20.09	82.7	84.2	-1.448	35.1	32.49	26.413	641.26
"2011-06-13	12:00:00"	15.09	186.9	12.15	22.47	12.72	186.3	15.72	20.09	87.1	89	-1.935	28.53	25.78	26.412	818.32
"2011-06-13	13:00:00"	13.66	197.5	16.18	24.26	11.46	197.4	19.15	21.87	91.4	93.6	-2.201	22.56	19.84	26.407	904.99
"2011-06-13	14:00:00"	13.3	193	18.6	21.87	11.22	192.5	21.53	20.09	94.7	97	-2.302	18.64	16.02	26.388	978.32
"2011-06-13	15:00:00"	12.04	219.2	25.34	24.86	10.08	221.6	28.64	20.68	96.8	99.2	-2.327	14.99	12.52	26.364	948.31
"2011-06-13	16:00:00"	12.61	207.9	23.05	29.03	10.61	208.7	26.7	26.65	98.9	101.1	-2.246	13.58	11.2	26.342	896.81
"2011-06-13	17:00:00"	14.96	195.2	20.11	30.82	12.57	195.1	24.05	26.65	99.5	101.5	-1.963	12.64	10.43	26.32	751.25
"2011-06-13	18:00:00"	15.2	211.5	25.67	29.63	12.49	212.5	28.53	26.05	100.6	102.2	-1.589	10.7	8.6	26.299	608.24
"2011-06-13	19:00:00"	15.49	199.9	20.21	32.01	12.67	200.8	23.51	27.24	100.3	101.2	-0.941	11.68	9.71	26.286	323.55
"2011-06-13	20:00:00"	16.17	176.7	9.97	26.05	13.38	175	12.05	21.28	97.8	97.9	-0.156	14.7	12.96	26.287	65.414
"2011-06-13	21:00:00"	16.01	176	9.2	21.87	13.21	174.5	10.28	20.68	94.9	94.7	0.188	14.36	12.79	26.303	18.528
"2011-06-13	22:00:00"	12.13	174.3	8.14	20.68	9.86	173.2	9.12	17.7	91.4	90.9	0.462	15.48	14.05	26.328	0.26227

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-13	23:00:00"	11.11	168.9	8.88	18.3	9.01	167.5	9.97	15.91	88.6	88.1	0.539	16.64	15.28	26.348	0
"2011-06-14	00:00:00"	14.26	168.5	9.27	22.47	11.61	168	9.84	20.68	86.2	85.7	0.448	20.16	18.76	26.352	0
"2011-06-14	01:00:00"	15.09	176.6	9.93	24.26	12.35	175.5	11.67	21.28	84.1	83.7	0.406	22.48	21.12	26.36	0
"2011-06-14	02:00:00"	13.88	184.2	9.3	21.87	11.34	182.7	11.44	18.3	82.1	81.7	0.438	25.31	24	26.363	0
"2011-06-14	03:00:00"	14.65	180.3	7.454	20.68	11.9	178.5	8.83	18.89	80.2	79.84	0.393	28.88	27.61	26.353	0
"2011-06-14	04:00:00"	13.67	181.2	7.882	19.49	11.14	179.7	9.78	15.91	78.48	78.12	0.368	30.68	29.44	26.343	0
"2011-06-14	05:00:00"	11.71	194.2	13.37	17.7	9.38	195.4	17.49	15.31	76.8	76.38	0.421	31.99	30.82	26.341	0
"2011-06-14	06:00:00"	10.04	191	9.53	15.91	8.04	192.1	12.14	13.52	75.34	74.85	0.497	33.48	32.4	26.344	0
"2011-06-14	07:00:00"	8.54	202.1	8.44	12.93	6.265	206.5	11.98	9.95	73.91	73.23	0.683	35.8	35.1	26.357	2.1188
"2011-06-14	08:00:00"	9.44	203.4	10.35	14.72	7.271	206.7	13	12.93	73.44	73.05	0.386	37.71	36.77	26.365	70.9
"2011-06-14	09:00:00"	12.48	200.2	11.14	19.49	10.25	201.6	13.77	17.7	76.41	76.68	-0.274	36.96	35.32	26.372	231.96
"2011-06-14	10:00:00"	13.68	207.3	11.29	19.49	11.09	209.3	14.03	17.7	79.53	80.5	-0.941	35.23	32.97	26.382	436.15
"2011-06-14	11:00:00"	11.83	218.7	14.09	18.3	9.78	220.7	17.19	15.91	83.7	85.1	-1.433	30.34	27.78	26.377	639.31
"2011-06-14	12:00:00"	10.2	241.7	16.67	15.91	8.74	240.7	20.42	15.31	89.8	91.4	-1.645	20.87	18.49	26.367	809.49
"2011-06-14	13:00:00"	10.79	266.6	25.79	23.07	8.24	269	29.35	18.3	95.3	97.5	-2.267	12.82	10.57	26.351	924.76
"2011-06-14	14:00:00"	14.62	271	22.85	26.65	10.89	273.7	25.6	20.68	98	100.5	-2.554	9.14	6.973	26.326	920.12
"2011-06-14	15:00:00"	16.66	270.3	17	29.03	13.12	274.2	19.39	24.26	99.2	101.4	-2.257	7.65	5.576	26.302	881.39
"2011-06-14	16:00:00"	19.41	251.6	19.85	35	15.96	254.5	23.7	29.63	100.6	102.2	-1.665	6.394	4.451	26.275	866.03
"2011-06-14	17:00:00"	18.88	271.4	14.35	33.21	14.78	276	15.8	29.63	101.7	103.4	-1.686	5.717	3.791	26.249	757.98
"2011-06-14	18:00:00"	19.12	271.8	14.03	29.63	14.59	275.3	15.81	26.05	101.7	103.1	-1.335	5.374	3.506	26.235	560.4
"2011-06-14	19:00:00"	17.52	275.1	11.45	28.43	13.31	279.4	12.89	24.86	101.1	102	-0.855	4.664	2.881	26.224	384.76
"2011-06-14	20:00:00"	16.7	268.9	13.23	27.24	12.66	274.1	14.49	21.28	100.5	100.8	-0.259	3.229	1.539	26.222	234.51
"2011-06-14	21:00:00"	9.75	255.9	10.34	17.7	7.45	261.3	13.49	14.72	97.5	96.9	0.643	2.634	1.052	26.229	59.989
"2011-06-14	22:00:00"	8.46	254.8	11.47	14.72	6.147	259.7	13.28	12.33	92.1	90.6	1.489	3.3	1.882	26.242	0.55995
"2011-06-14	23:00:00"	9.36	303.4	21.75	17.1	5.096	308.2	22.01	14.12	87.7	84.4	3.343	4.327	3.363	26.263	0
"2011-06-15	00:00:00"	7.523	346.5	26.84	11.14	4.024	349.5	34.73	8.16	82.7	78.06	4.681	6.643	6.124	26.28	0
"2011-06-15	01:00:00"	7.29	0.505	13.17	11.14	3.988	1.63	23.94	6.368	78.65	73.62	5.029	8.61	8.52	26.279	0
"2011-06-15	02:00:00"	7.047	19.25	9.86	18.89	8.38	18.82	14.1	14.72	76.71	74.45	2.255	11.65	10.82	26.277	0
"2011-06-15	03:00:00"	10.99	32.07	8.34	15.31	7.338	29.68	11.81	13.52	74.11	72.43	1.678	20.58	19.3	26.264	0
"2011-06-15	04:00:00"	10.94	29.03	8.09	14.72	7.112	28.74	12.64	11.74	71.15	69.73	1.421	31.67	30.54	26.252	0
"2011-06-15	05:00:00"	9.55	16.7	15.68	12.33	6.025	13.88	19.08	9.35	68.74	67.34	1.398	40.01	39.29	26.252	0
"2011-06-15	06:00:00"	10.45	16.59	5.306	13.52	6.579	14.88	11.37	9.95	67.61	66.06	1.557	48.11	47.68	26.26	0
"2011-06-15	07:00:00"	9.34	9.8	7.666	11.74	5.708	8.42	10.83	8.16	66.86	64.92	1.935	56.36	56.98	26.271	3.063
"2011-06-15	08:00:00"	10.18	2.615	11.79	14.72	7.436	0.158	14.54	13.52	67.76	67.48	0.276	55.29	53.98	26.284	90.65
"2011-06-15	09:00:00"	11.4	3.783	12.68	17.1	8.87	1.281	16.19	14.12	73.12	73.97	-0.853	48.78	45.81	26.295	268.16
"2011-06-15	10:00:00"	8.11	2.425	15.46	12.93	6.594	359.7	17.93	11.74	80.1	81.9	-1.799	39.36	36.02	26.301	475.07
"2011-06-15	11:00:00"	5.926	329.5	47.27	12.33	4.671	328.8	48.53	11.14	86.1	88.3	-2.166	31.24	28.1	26.308	664.32
"2011-06-15	12:00:00"	6.303	5.311	42.29	12.93	5.209	10.02	45.3	11.14	88.9	91.5	-2.66	27.22	23.95	26.312	829.85
"2011-06-15	13:00:00"	5.933	334.3	55.5	12.93	4.756	332.3	59.76	12.33	92	94.6	-2.59	22.12	19.16	26.308	922.37
"2011-06-15	14:00:00"	6.017	234.7	48.5	12.33	5.145	237.4	52.15	11.14	94.9	96.9	-1.926	14.8	12.49	26.291	983.02
"2011-06-15	15:00:00"	5.65	287.8	65.84	14.12	4.636	287	71.28	11.14	97.3	99.6	-2.266	10.74	8.51	26.271	950.64
"2011-06-15	16:00:00"	6.63	270.4	67.97	17.7	5.553	269	76.24	16.51	98.3	100.6	-2.26	12.3	9.96	26.251	901.43
"2011-06-15	17:00:00"	8.04	245.3	56.58	20.09	6.497	248.2	58.58	15.31	99.5	101.5	-1.987	9.52	7.4	26.234	775.49
"2011-06-15	18:00:00"	8.68	294.6	28.18	23.66	6.052	296.5	31.51	18.3	100.2	102.2	-1.969	6.858	4.867	26.219	613.07
"2011-06-15	19:00:00"	7.401	303	63.48	15.91	5.876	305.3	64.89	13.52	100.4	101.9	-1.478	6.144	4.252	26.207	427.44

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2011-06-15	20:00:00"	6.622	269.7	24.82	12.33	5.099	272.7	27.65	10.54	99.9	100.4	-0.578	6.105	4.344	26.206	218.66	0
"2011-06-15	21:00:00"	4.763	252.4	14.45	11.14	3.644	258.1	15.16	9.35	98.6	97.9	0.657	5.945	4.418	26.209	59.032	0
"2011-06-15	22:00:00"	3.557	179.1	23.25	6.964	1.909	160.3	30.95	4.578	95.4	92.6	2.76	6.731	5.99	26.214	0.48201	0
"2011-06-15	23:00:00"	5.563	140.9	6.651	7.561	2.381	103.7	12.35	3.982	93.5	85.9	7.559	7.005	7.945	26.223	0	0
"2011-06-16	00:00:00"	6.937	145.1	10.76	20.68	3.596	112.9	28.87	17.1	90.9	85	5.897	7.85	8.18	26.232	0	0
"2011-06-16	01:00:00"	12.27	181.1	8.7	20.68	9.77	180	10.45	16.51	83.3	82.6	0.645	25.14	23.62	26.238	0	0
"2011-06-16	02:00:00"	10.9	172.9	7.882	15.91	8.58	171.3	9.02	13.52	81	80.4	0.537	34.09	32.83	26.234	0	0
"2011-06-16	03:00:00"	8.53	195.4	16.84	15.31	6.534	195.4	19.86	11.74	78.78	78.24	0.538	38.85	37.67	26.232	0	0
"2011-06-16	04:00:00"	5.661	184.4	9.48	8.75	3.56	182.1	10.06	5.771	76.62	75.33	1.295	42.15	41.44	26.227	0	0
"2011-06-16	05:00:00"	6.298	181.8	11.09	11.14	4.397	179.1	12.46	8.75	76.14	75.13	1.015	43.36	42.73	26.218	0	0
"2011-06-16	06:00:00"	7.966	178.6	10.99	12.93	5.974	178.5	11.63	10.54	74.48	73.73	0.755	43.71	42.97	26.215	0	0
"2011-06-16	07:00:00"	9.46	205.8	25.7	14.72	7.327	208.7	29.01	12.93	74.42	73.73	0.694	42.12	41.35	26.23	3.1855	0
"2011-06-16	08:00:00"	10.24	189.7	11.02	15.31	8.28	189.7	14.02	13.52	75.47	75.16	0.309	41.13	39.89	26.232	89.775	0
"2011-06-16	09:00:00"	13.41	193.2	9.99	21.28	11.18	193.1	12.64	18.3	77.97	78.18	-0.209	40.21	38.53	26.239	257.92	0
"2011-06-16	10:00:00"	14.32	196	10	19.49	12.02	196.3	13.2	17.7	81.5	82.3	-0.724	38.37	36.3	26.243	449.32	0
"2011-06-16	11:00:00"	12.34	205.1	13.57	17.1	10.3	205.7	15.92	16.51	85.9	87.2	-1.217	33.18	30.74	26.243	639.01	0
"2011-06-16	12:00:00"	10.43	235.6	23.09	21.87	8.74	237.6	25.5	19.49	91.5	93	-1.588	21.48	19.11	26.236	802.85	0
"2011-06-16	13:00:00"	9.94	255.9	26.46	19.49	7.963	257.6	30.27	16.51	96.6	98.8	-2.196	12.59	10.37	26.221	934.36	0
"2011-06-16	14:00:00"	13.6	261.7	22	27.84	10.66	263.3	25.62	23.07	100	102.5	-2.452	7.186	5.131	26.202	1004.6	0
"2011-06-16	15:00:00"	14.01	244.2	26.84	28.43	11.35	246.1	30.65	23.07	101.4	103.7	-2.306	6.874	4.84	26.185	974.5	0
"2011-06-16	16:00:00"	17.46	229.2	22.56	35.59	14.33	230.6	25.21	28.43	102.6	104.5	-1.966	7.049	5.028	26.16	923.26	0
"2011-06-16	17:00:00"	18.3	227.5	21.38	45.13	15.18	230.7	24.4	43.35	103.5	105.1	-1.645	6.588	4.62	26.141	810.52	0.01
"2011-06-16	18:00:00"	19.5	232.7	17.89	32.01	16.08	234.9	20.7	26.65	103	104.1	-1.112	6.801	4.877	26.132	622.45	0
"2011-06-16	19:00:00"	19.3	248.6	17.26	32.01	15.88	252.9	20.35	28.43	102.7	103.4	-0.7	6.285	4.438	26.118	419.75	0
"2011-06-16	20:00:00"	17.89	249.1	13.11	31.42	14.57	251.8	15.53	24.86	101.1	101.3	-0.189	6.585	4.815	26.121	151.05	0
"2011-06-16	21:00:00"	17.19	255.4	9.93	27.84	13.36	259.1	13.74	21.28	98.9	98.7	0.196	7.865	6.189	26.131	51.937	0
"2011-06-16	22:00:00"	11.42	256.2	8.87	17.7	8.52	260.1	11.96	14.12	95.3	94.6	0.627	8.92	7.409	26.14	0.50882	0
"2011-06-16	23:00:00"	9.26	233.8	18.66	17.7	7.209	233.2	21.18	13.52	92.5	91.9	0.613	9.7	8.24	26.15	0	0
"2011-06-17	00:00:00"	10	201.3	16.08	17.7	7.693	201.1	18.48	14.72	86.6	85.7	0.889	14.34	12.89	26.175	0	0
"2011-06-17	01:00:00"	10.95	202.5	14.32	20.09	8.63	204.6	17.63	15.91	86.1	85.6	0.499	31.08	29.71	26.182	0	0
"2011-06-17	02:00:00"	9.69	201.9	30.75	18.89	7.624	201.5	35.76	15.31	84.6	84	0.642	34.67	33.57	26.192	0	0
"2011-06-17	03:00:00"	13.01	183.9	9.47	20.09	10.62	183.5	11.72	17.1	82.9	82.4	0.472	34.98	33.83	26.191	0	0
"2011-06-17	04:00:00"	7.308	199.5	24.47	12.93	5.694	202.6	29.66	11.74	79.47	78.9	0.572	36.57	35.58	26.199	0	0
"2011-06-17	05:00:00"	6.454	190.4	13.1	11.74	4.98	190.7	17.12	9.35	76.67	75.91	0.767	37.93	37.15	26.203	0	0
"2011-06-17	06:00:00"	6.215	179	8.36	9.95	4.55	176.1	10.94	8.16	74.17	73.08	1.091	38.89	38.77	26.216	0	0
"2011-06-17	07:00:00"	7.731	181.5	7.478	11.74	5.649	174.8	7.57	8.75	73.18	71.56	1.618	38.71	39.59	26.233	1.9213	0
"2011-06-17	08:00:00"	8.93	182.8	7.931	13.52	7.126	179.7	10.36	11.14	72.07	71.5	0.57	41.59	40.98	26.252	80.537	0
"2011-06-17	09:00:00"	8.48	197.7	10.64	11.74	7.082	198	13.16	10.54	76.09	76.25	-0.16	34.78	33.44	26.269	260.51	0
"2011-06-17	10:00:00"	9.72	217.3	12.36	15.91	7.892	219.9	16.1	13.52	82.4	83.1	-0.732	22.73	20.96	26.285	464.13	0
"2011-06-17	11:00:00"	9.28	247.1	16.48	14.72	7.857	249	19.18	14.12	88.6	89.8	-1.185	13.15	11.29	26.291	667.78	0
"2011-06-17	12:00:00"	6.666	282.9	43.97	15.31	5.252	285.8	44.55	11.74	92.5	94.4	-1.91	7.782	5.885	26.29	839.8	0
"2011-06-17	13:00:00"	6.933	263.5	66.77	15.91	5.643	262	69.56	15.31	94.2	96.4	-2.229	6.717	4.793	26.286	952.49	0
"2011-06-17	14:00:00"	7.703	302.9	55.7	20.68	6.012	303.8	60.59	22.47	95.8	98.4	-2.62	6.04	4.082	26.272	1003.8	0
"2011-06-17	15:00:00"	7.643	259.1	61.28	20.09	6.276	260	66.24	16.51	97.2	99.5	-2.303	5.936	4.082	26.251	977.06	0
"2011-06-17	16:00:00"	8.07	224.8	58.58	21.28	6.765	225.8	64.73	18.3	98.2	100.3	-2.034	6.042	4.124	26.232	937.33	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60		
"2011-06-17	17:00:00"	12.37	220.9	32.92	26.05	10.33	221.9	36.26	21.28		100	101.9	-1.924	5.628	3.746	26.215	819.62	0
"2011-06-17	18:00:00"	13.01	227.1	18.02	23.66	10.95	228	20.47	22.47	100.5	101.7	-1.229	5.169	3.363	26.204	563.69	0	
"2011-06-17	19:00:00"	15.13	226.8	17.46	27.84	12.64	229.1	19.68	24.26	100.6	101.5	-0.883	4.501	2.727	26.198	463.06	0	
"2011-06-17	20:00:00"	17.42	220.8	15.34	27.84	13.91	222.9	17.57	23.07	99.4	99.7	-0.306	4.503	2.801	26.199	235.61	0	
"2011-06-17	21:00:00"	14.62	232.6	13.27	27.84	11.99	235.6	15.28	23.66	97.2	97.1	0.154	4.979	3.324	26.213	65.413	0	
"2011-06-17	22:00:00"	8.06	234.7	13.71	15.91	6.096	235.4	15.88	12.93	92.7	92	0.644	6.063	4.547	26.234	0.64134	0	
"2011-06-17	23:00:00"	6.21	221.6	12.26	9.35	4.071	216.6	14.74	6.964	88.3	86.9	1.468	6.987	5.839	26.252	0	0	
"2011-06-18	00:00:00"	6.658	233.8	13.46	10.54	4.719	234.2	14.72	8.75	85.4	84.5	0.935	7.994	6.627	26.265	0	0	
"2011-06-18	01:00:00"	7.328	237.4	15.07	18.3	5.565	236	17.45	13.52	85	84.1	0.865	9.33	7.958	26.271	0	0	
"2011-06-18	02:00:00"	5.745	232.4	12.26	9.35	4.176	227.9	13.66	7.561	81.9	81	0.901	11.04	9.78	26.278	0	0	
"2011-06-18	03:00:00"	6.434	184.9	24.64	12.33	4.533	183.7	26.68	8.75	78.94	77.56	1.381	13.12	12.05	26.283	0	0	
"2011-06-18	04:00:00"	8.14	174.5	10.42	12.33	6.138	173.7	12.36	9.95	77.43	76.64	0.788	28.27	26.67	26.283	0	0	
"2011-06-18	05:00:00"	7.363	186.3	8.78	11.74	5.387	186.6	10.92	8.16	74.9	74.04	0.856	35.46	34.32	26.292	0	0	
"2011-06-18	06:00:00"	5.51	216.7	19.48	8.16	3.691	224.9	21.64	6.964	74.31	73.31	1.007	37.65	36.66	26.311	0	0	
"2011-06-18	07:00:00"	6.247	245.1	10.65	8.75	4.434	255.1	11.79	6.368	74.83	73.31	1.52	36.89	36.27	26.331	2.8908	0	
"2011-06-18	08:00:00"	6.011	225.3	16.64	9.35	4.37	230.1	21.07	6.964	74.97	74.3	0.67	37.24	36.29	26.344	75.69	0	
"2011-06-18	09:00:00"	5.407	215.7	15.62	8.16	4.323	214.8	18.3	6.368	75.96	76.16	-0.199	36.66	35.05	26.359	230.62	0	
"2011-06-18	10:00:00"	4.396	229.1	15.55	7.561	3.836	228	19.31	6.964	82.2	82.9	-0.69	30.97	28.99	26.367	409.46	0	
"2011-06-18	11:00:00"	5.459	333.8	50.45	12.33	4.329	335.7	54.68	10.54	89.2	91.1	-1.951	17.35	15.09	26.364	659.46	0	
"2011-06-18	12:00:00"	4.202	323.8	87.1	10.54	3.613	326.9	86.4	10.54	92.9	94.9	-1.969	10.51	8.45	26.353	817.57	0	
"2011-06-18	13:00:00"	6.067	236.4	62.89	16.51	5.049	236.2	68.02	14.72	95.4	97	-1.595	10.32	8.29	26.341	943.43	0	
"2011-06-18	14:00:00"	7.635	261	69.9	20.68	6.467	259.5	72.52	21.28	97.1	99.5	-2.334	10.14	7.944	26.321	972.25	0	
"2011-06-18	15:00:00"	12.19	266.1	45.68	28.43	9.42	267.2	48.07	25.45	99.6	101.7	-2.172	8.89	6.749	26.295	855.26	0	
"2011-06-18	16:00:00"	16.59	259.8	25.48	29.63	12.79	262.9	27.39	25.45	101	103.2	-2.263	9.42	7.21	26.276	861.12	0	
"2011-06-18	17:00:00"	12.25	238.4	25.85	24.86	10.29	241.6	29.02	21.28	101	102.6	-1.572	9.53	7.463	26.257	598.62	0	
"2011-06-18	18:00:00"	14.88	256.6	16.61	29.03	12.06	260.5	19.32	26.05	101.1	102.2	-1.092	9.22	7.248	26.243	418.22	0	
"2011-06-18	19:00:00"	14.15	240.5	19.22	28.43	11.47	243.4	21.71	24.86	100.7	101.2	-0.509	9.56	7.729	26.229	228.92	0	
"2011-06-18	20:00:00"	12.09	227.2	13.4	23.07	10.06	228.3	16.33	18.3	100.3	100.5	-0.222	10.18	8.42	26.22	194.71	0	
"2011-06-18	21:00:00"	13.47	256.9	13.03	23.66	10.47	262	16.22	17.7	98.8	98.4	0.381	8.99	7.39	26.222	30.913	0	
"2011-06-18	22:00:00"	7.917	261.1	10.87	16.51	5.852	264.7	12.17	11.74	93.8	92.8	0.988	10.43	9.03	26.23	0.41288	0	
"2011-06-18	23:00:00"	11.66	281.9	11.71	18.3	7.325	287.2	15.26	14.12	92.7	91.3	1.36	11.49	10.26	26.237	0	0	
"2011-06-19	00:00:00"	13.14	216.1	61.37	30.22	9.11	213.8	69.21	26.65	90.1	88.6	1.449	16.16	15	26.252	0	0	
"2011-06-19	01:00:00"	11.52	191.3	9.35	18.89	9.43	190.8	11.62	16.51	88.4	87.9	0.505	24.03	22.65	26.258	0	0	
"2011-06-19	02:00:00"	12	189.6	8.97	18.89	9.84	188.6	10.61	17.7	85.9	85.4	0.449	26.95	25.64	26.253	0	0	
"2011-06-19	03:00:00"	12.52	185.8	8.24	18.3	10.35	184	9.8	15.91	83.7	83.3	0.436	28.04	26.81	26.24	0	0	
"2011-06-19	04:00:00"	14.19	180.7	7.066	21.28	11.57	178.7	8.95	17.7	82.6	82.3	0.368	27.82	26.57	26.223	0	0	
"2011-06-19	05:00:00"	11.12	193.1	13.69	18.89	8.97	194.1	17.1	16.51	80.7	80.3	0.387	28.92	27.67	26.231	0	0	
"2011-06-19	06:00:00"	7.58	200.8	9.57	13.52	5.523	202	12.47	9.95	78.42	77.55	0.867	30.43	29.53	26.24	0	0	
"2011-06-19	07:00:00"	7.868	190.6	9.29	11.14	5.889	191.5	11.61	8.75	76.08	75.13	0.944	32.9	32.14	26.243	2.3412	0	
"2011-06-19	08:00:00"	8.25	187.3	11.87	12.33	6.357	187.2	15.35	9.35	75.17	74.55	0.611	35.83	34.82	26.247	77.085	0	
"2011-06-19	09:00:00"	11.78	189.9	8.71	18.89	10.01	188.7	11.12	17.7	78.64	78.91	-0.27	37.12	35.34	26.249	252.21	0	
"2011-06-19	10:00:00"	13.41	198.3	11.27	20.68	11.29	199.7	14.81	18.3	84.4	85.4	-1.018	33.11	30.76	26.255	450.83	0	
"2011-06-19	11:00:00"	14.22	204.7	13.39	22.47	12.05	207.3	17.48	20.09	89	90.6	-1.617	26.44	23.81	26.242	648.19	0	
"2011-06-19	12:00:00"	14.17	212	14.79	23.07	11.85	213.8	18.3	20.09	95.2	97.1	-1.892	16.84	14.41	26.227	813.39	0	
"2011-06-19	13:00:00"	17.6	239.2	22.47	33.21	14.42	242.4	25.46	30.22	99.5	101.6	-2.134	9.55	7.367	26.208	926.55	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-19	14:00:00"	20.38	243.3	19.54	49.31	16.78	247.5	22.43	43.35	101.4	103.6	-2.29	8.15	5.984	26.183	975.51	0	
"2011-06-19	15:00:00"	23.02	246.6	15.69	39.77	18.9	249.2	18.96	33.21	102.4	104.7	-2.291	7.48	5.329	26.156	950.74	0	
"2011-06-19	16:00:00"	22.05	239.1	18.28	40.96	18.39	241.2	20.18	35.59	102.9	104.9	-2.001	7.229	5.127	26.133	901.32	0	
"2011-06-19	17:00:00"	21.38	240.8	15.34	39.17	17.85	243.5	17.88	33.21	103	104.3	-1.308	6.893	4.925	26.114	795.78	0	
"2011-06-19	18:00:00"	21.35	235.3	17.76	37.98	17.69	238.4	19.93	32.61	103.2	104.2	-1.023	6.81	4.888	26.09	625.89	0	
"2011-06-19	19:00:00"	20.72	236.2	16.55	35.59	17.16	239	18.24	30.22	103.1	103.8	-0.656	6.971	5.096	26.065	426.28	0	
"2011-06-19	20:00:00"	19.93	228.1	16.34	36.78	16.22	230.1	18.38	30.82	102.3	102.5	-0.166	6.942	5.164	26.051	199.42	0	
"2011-06-19	21:00:00"	13.28	216.9	15	24.86	10.56	218.4	17.29	20.68	99.3	98.9	0.337	7.914	6.241	26.052	17.041	0	
"2011-06-19	22:00:00"	23.63	179.8	7.327	36.78	19.39	177.7	8.78	32.61	92.4	92.2	0.204	23.03	21.39	26.068	0.57298	0	
"2011-06-19	23:00:00"	25.55	184.2	7.758	39.77	21.45	182.6	10	35	87.8	87.7	0.112	29.1	27.54	26.096	0	0	
"2011-06-20	00:00:00"	22.49	185.7	8.44	35	18.76	184.5	10.5	29.63	85.9	85.8	0.143	30.4	28.92	26.116	0	0	
"2011-06-20	01:00:00"	25.36	185.6	9.05	42.15	20.99	184.5	11.49	36.19	85.1	84.9	0.174	31.13	29.68	26.116	0	0	
"2011-06-20	02:00:00"	24.7	183.8	7.653	40.36	20.74	181.8	9.39	33.8	83.4	83.3	0.163	34.9	33.5	26.107	0	0	
"2011-06-20	03:00:00"	22.6	184.6	7.564	33.21	18.88	182.9	9.47	28.43	83	82.8	0.222	33.8	32.46	26.101	0	0	
"2011-06-20	04:00:00"	19.95	185.8	8.12	30.82	16.72	184.5	10.05	28.43	82.1	81.8	0.261	34.1	32.8	26.105	0	0	
"2011-06-20	05:00:00"	10.81	214	27.23	20.68	8.77	215.5	30.89	17.7	80	79.64	0.398	35.37	34.23	26.118	0	0	
"2011-06-20	06:00:00"	8.11	208.3	16.88	15.31	6.275	211	20.76	12.93	77.39	76.9	0.489	37.16	36.13	26.126	0	0	
"2011-06-20	07:00:00"	12.15	217.9	47.48	28.43	9.27	218.2	50.91	27.24	76.57	75.95	0.614	36.78	36.01	26.141	2.4934	0	
"2011-06-20	08:00:00"	12.67	11.97	13.46	21.28	9.35	9.98	18.22	17.1	73.36	73.07	0.283	28.59	27.77	26.183	78.497	0	
"2011-06-20	09:00:00"	10.91	9.85	14.24	18.89	8.4	8.72	18.41	13.52	75.04	75.84	-0.796	25.4	23.58	26.193	256.92	0	
"2011-06-20	10:00:00"	12.24	344.8	14.92	18.3	9.23	342.8	16.81	14.72	78.84	80.6	-1.719	21.11	18.79	26.2	463.17	0	
"2011-06-20	11:00:00"	9.9	317.2	23.09	16.51	6.877	316.7	25.52	13.52	81.8	84.1	-2.293	18.27	15.83	26.192	665.48	0	
"2011-06-20	12:00:00"	8.93	273.4	24.17	20.68	6.861	276.8	28.82	17.1	85	87.2	-2.187	15.82	13.47	26.182	831.79	0	
"2011-06-20	13:00:00"	16.12	270.7	18.48	32.61	12.48	274	20.78	27.84	88.7	91.1	-2.406	13.99	11.6	26.169	944.24	0	
"2011-06-20	14:00:00"	18.75	263.4	21.63	36.19	14.74	266.9	23.38	29.63	91.3	93.7	-2.396	13.22	10.84	26.152	996.89	0	
"2011-06-20	15:00:00"	15.77	262.6	20.66	30.82	12.63	264.9	23.35	29.03	92.7	95.2	-2.486	11.94	9.61	26.14	968.97	0	
"2011-06-20	16:00:00"	16.87	258.1	26.08	40.96	13.12	260	29.38	32.01	94.3	96.6	-2.374	10.49	8.26	26.125	923.3	0	
"2011-06-20	17:00:00"	17.78	256.8	15.38	32.01	14.47	261	18.66	28.43	95.2	97.2	-2.043	7.2	5.189	26.118	824.13	0	
"2011-06-20	18:00:00"	14.67	246.1	17.06	26.05	12.39	248.5	20.5	24.86	95.7	97.2	-1.482	7.468	5.519	26.109	645.97	0	
"2011-06-20	19:00:00"	13.7	246.4	20.25	25.45	11.29	248.7	22.88	20.68	95.8	96.9	-1.1	7.641	5.756	26.102	441.07	0	
"2011-06-20	20:00:00"	9.35	247.3	34.77	20.09	7.497	250.3	36.97	17.7	95.2	95.8	-0.569	7.617	5.847	26.103	234.68	0	
"2011-06-20	21:00:00"	8.77	327.9	13.56	15.91	5.343	331	15.37	11.74	93	92.4	0.612	5.733	4.423	26.12	68.388	0	
"2011-06-20	22:00:00"	7.904	353.5	11.8	9.95	3.611	354.2	12.45	5.175	87.2	83.2	4.012	6.872	6.456	26.146	0.75396	0	
"2011-06-20	23:00:00"	7.543	37.68	17.61	9.95	4.066	40.65	14.64	8.16	83.2	77.49	5.693	8.62	8.82	26.172	0	0	
"2011-06-21	00:00:00"	7.865	38.86	2.905	9.95	3.972	27.58	5.815	5.175	81.5	74.34	7.128	10.36	11.07	26.192	0	0	
"2011-06-21	01:00:00"	7.746	42.78	6.413	18.89	4.292	30.2	10.04	13.52	78.15	71.94	6.21	12.21	13.14	26.203	0	0	
"2011-06-21	02:00:00"	12.04	60.11	16.44	18.89	8.68	60.29	17	15.31	71.95	71.17	0.781	21.66	20.39	26.221	0	0	
"2011-06-21	03:00:00"	11.48	86.5	8.93	18.3	8.15	85.7	11.02	12.93	68.58	68.01	0.571	27.2	25.98	26.237	0	0	
"2011-06-21	04:00:00"	11.22	62.98	12.81	15.31	8.2	61.93	13.57	12.93	68.12	67.47	0.653	28.51	27.44	26.241	0	0	
"2011-06-21	05:00:00"	12.21	57.51	8.27	18.89	8.92	57.75	10.24	16.51	66.28	65.73	0.552	31.58	30.48	26.263	0	0	
"2011-06-21	06:00:00"	13.71	46.19	9.88	20.68	10.39	46.44	11.35	16.51	65.19	64.81	0.382	35.8	34.61	26.287	0	0	
"2011-06-21	07:00:00"	14.03	41.03	7.792	20.68	10.71	42.19	10.53	16.51	64.29	63.98	0.31	40.46	39.33	26.304	2.7831	0	
"2011-06-21	08:00:00"	15.12	48.34	8.85	21.28	11.94	49.46	10.81	18.3	65.87	65.88	-0.01	41.92	40.25	26.317	83.714	0	
"2011-06-21	09:00:00"	17.42	57.91	8.96	27.84	13.78	58.57	11.1	23.66	69.35	69.96	-0.613	41.45	39.02	26.334	244.76	0	
"2011-06-21	10:00:00"	19.82	65.63	11.27	28.43	15.46	66.07	13.32	25.45	73.4	74.51	-1.113	39.07	36.46	26.346	444.91	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-21	11:00:00"	17.8	67.3	11.74	26.05	14.14	66.98	14.1	22.47	75.96	77.67	-1.716	36.3	33.2	26.347	637.65	0	
"2011-06-21	12:00:00"	14.33	77.2	13.83	25.45	11.6	78.19	16.26	22.47	78.51	80.7	-2.169	33.7	30.32	26.349	795.36	0	
"2011-06-21	13:00:00"	10.99	77.45	21.02	18.89	9.05	78.35	23.8	15.91	80.8	83.4	-2.541	33.24	29.61	26.347	906.21	0	
"2011-06-21	14:00:00"	8.22	87.8	43.73	17.1	6.767	89.6	47.02	14.12	83.2	86	-2.77	33.24	29.44	26.332	961.57	0	
"2011-06-21	15:00:00"	7.106	70.75	53.58	15.91	6.147	72.27	56.53	15.31	85.1	87.8	-2.659	31.59	27.99	26.314	940.1	0	
"2011-06-21	16:00:00"	7.255	48.91	60.72	16.51	6.057	49.11	65.66	14.72	87.6	90.3	-2.651	28.18	24.8	26.297	891.8	0	
"2011-06-21	17:00:00"	6.946	54.08	54.34	17.1	5.755	57.61	56.77	14.12	89.4	91.9	-2.455	26.09	22.91	26.279	754.1	0	
"2011-06-21	18:00:00"	7.257	57.73	52	29.03	6.158	56.9	57.09	24.26	90.6	92.7	-2.101	25.07	22.16	26.26	605.55	0	
"2011-06-21	19:00:00"	5.68	94.1	37.78	20.09	4.8	97	42.39	17.1	91.4	92.9	-1.534	23.13	20.58	26.247	408.66	0	
"2011-06-21	20:00:00"	6.555	62.11	38.86	12.33	5.449	64.39	42.62	9.95	91.3	92.6	-1.372	23.2	20.77	26.246	214.61	0	
"2011-06-21	21:00:00"	6.739	62.99	16.96	11.14	5.166	64.23	17.52	9.95	90	90.2	-0.176	23.71	21.95	26.257	55.238	0	
"2011-06-21	22:00:00"	8.61	43.14	9.69	11.74	6.114	43.35	12.37	9.95	86.4	85.7	0.75	25.95	24.81	26.264	0.64587	0	
"2011-06-21	23:00:00"	9.14	63.66	10	13.52	6.05	64.92	11.11	9.35	81.3	80.5	0.756	30.39	29.36	26.287	0	0	
"2011-06-22	00:00:00"	15.08	86.7	12.11	24.26	11.44	87.1	14.16	20.68	81.8	81.5	0.251	30.61	29.28	26.324	0	0	
"2011-06-22	01:00:00"	15.96	101	8.47	24.26	12.48	102.2	9.86	20.09	81.1	81.2	-0.052	30.65	29.07	26.345	0	0	
"2011-06-22	02:00:00"	15.67	134.8	11.31	27.24	12.16	138	12.44	21.28	77.61	77.55	0.062	49.66	47.79	26.362	0	0	
"2011-06-22	03:00:00"	9.09	174.8	17	14.72	7.439	176	17.89	12.33	73.22	73.22	0.002	63.57	61.79	26.368	0	0	
"2011-06-22	04:00:00"	3.33	164.8	54.96	9.95	2.89	155.1	79.46	9.35	71.04	70.76	0.281	66.31	64.52	26.361	0	0	
"2011-06-22	05:00:00"	3.8	33.99	13.32	6.368	3.295	15.2	13.88	4.578	69.91	65.91	3.998	68.08	70.56	26.365	0	0	
"2011-06-22	06:00:00"	5.374	38.94	3.944	7.561	4.162	21.11	9.5	5.771	68.93	64.92	4.001	69.05	73.5	26.374	0	0	
"2011-06-22	07:00:00"	6.158	36.26	7.134	9.35	4.538	18.21	12.63	6.964	66.65	64.78	1.872	72.97	74.86	26.394	1.9557	0	
"2011-06-22	08:00:00"	8.15	26.1	7.007	12.93	5.869	29.21	12.65	10.54	65.94	66.13	-0.2	75.08	73.25	26.421	79.261	0	
"2011-06-22	09:00:00"	8.82	44.02	11.96	13.52	7.181	46.12	14.11	12.33	73.1	73.95	-0.85	62.43	59.37	26.429	241.67	0	
"2011-06-22	10:00:00"	11.8	82.7	14.23	17.1	9.62	83	16.18	15.31	78.18	79.48	-1.295	51.24	47.61	26.436	439.53	0	
"2011-06-22	11:00:00"	11.55	125.3	18.85	18.89	9.53	127.7	21.63	15.31	81.7	83.4	-1.748	43.51	39.51	26.436	628.38	0	
"2011-06-22	12:00:00"	9.88	134	24.11	20.09	8.26	136.6	26.42	17.1	84	85.9	-1.856	40.06	36.6	26.435	788.54	0	
"2011-06-22	13:00:00"	11.57	139.9	18.74	21.28	9.68	142.9	20.48	18.3	86.6	88.7	-2.159	34.13	30.78	26.436	900.54	0	
"2011-06-22	14:00:00"	12.28	149.7	27.57	21.87	10.28	151.8	28.74	18.89	88.5	90.8	-2.349	30.42	27.06	26.425	952.05	0	
"2011-06-22	15:00:00"	11.36	146.1	26.84	22.47	9.6	147.9	29.79	19.49	89.8	92	-2.165	27.21	24.15	26.407	935.15	0	
"2011-06-22	16:00:00"	12.72	150	22.98	24.86	10.55	151	23.74	23.66	91	93.3	-2.32	26.07	22.94	26.388	862.79	0	
"2011-06-22	17:00:00"	10.02	146.7	37.76	20.09	8.57	148.9	37.82	17.7	91.8	93.7	-1.95	23.65	20.85	26.371	714.19	0	
"2011-06-22	18:00:00"	12.67	161.9	22.91	24.86	10.69	162.4	28.25	23.07	92.8	94.5	-1.713	21.08	18.51	26.356	545.15	0	
"2011-06-22	19:00:00"	15.48	147.7	18.66	25.45	12.89	150.1	20.03	20.68	92.4	93.7	-1.318	20.34	18	26.35	399.09	0	
"2011-06-22	20:00:00"	13.89	158.6	15.92	23.07	11.68	160	15.24	20.68	91.7	92.4	-0.69	20.22	18.18	26.351	213.06	0	
"2011-06-22	21:00:00"	12.61	148.5	10.33	18.89	10.35	151.1	9.97	16.51	90.1	90.3	-0.137	20.82	19.05	26.362	56.725	0	
"2011-06-22	22:00:00"	12.6	145	6.626	17.7	9.85	148.2	7.279	14.72	86.9	86.6	0.275	21.56	20.05	26.369	0.63745	0	
"2011-06-22	23:00:00"	12.19	151.1	7.758	17.1	10.02	154.3	7.777	14.12	84.2	83.9	0.267	22.4	20.93	26.385	0	0	
"2011-06-23	00:00:00"	12.8	152.2	7.996	19.49	10.62	154.7	7.738	16.51	82.1	81.9	0.245	25.81	24.35	26.398	0	0	
"2011-06-23	01:00:00"	12.65	149.4	7.592	17.7	10.24	152.3	7.817	15.31	80.4	80.1	0.301	28.89	27.51	26.404	0	0	
"2011-06-23	02:00:00"	12.97	147.9	7.643	18.89	10.34	150.9	7.889	15.91	78.59	78.25	0.333	31.04	29.73	26.405	0	0	
"2011-06-23	03:00:00"	11.71	155.7	9.22	17.1	9.54	157.3	8.8	14.72	76.53	76.24	0.284	32.92	31.61	26.401	0	0	
"2011-06-23	04:00:00"	9.05	163.2	8.95	13.52	7.261	163.5	8.9	11.14	73.91	73.6	0.316	35.77	34.49	26.397	0	0	
"2011-06-23	05:00:00"	10.44	174.8	8.01	15.31	8.15	173.8	8.96	12.93	72.64	72.26	0.382	44.53	42.92	26.405	0	0	
"2011-06-23	06:00:00"	11.36	174.9	6.783	14.72	8.95	174.2	8.2	13.52	71.63	71.32	0.314	51.65	50.26	26.411	0	0	
"2011-06-23	07:00:00"	10.98	180.8	7.436	15.31	8.7	180.7	9.08	12.93	70.41	70.13	0.288	56.46	55.15	26.417	2.7792	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-23	08:00:00"	11.38	180.1	7.15	17.7	9.17	179.7	8.7	15.31	70.69	70.6	0.083	58.01	56.59	26.426	85.728	0
"2011-06-23	09:00:00"	14.45	183.2	8.22	26.65	11.77	182.9	10.3	23.07	75.53	75.87	-0.34	45.83	43.98	26.437	258.5	0
"2011-06-23	10:00:00"	18.82	186.1	9.24	26.65	15.48	186.2	11.56	24.86	81.5	82.2	-0.709	27.52	25.59	26.445	458.36	0
"2011-06-23	11:00:00"	20.24	186	10.43	27.84	16.67	186.1	13.22	26.05	85.5	86.7	-1.253	19.45	17.3	26.44	652.32	0
"2011-06-23	12:00:00"	19.54	190.3	11.97	29.63	16.17	190.6	14.91	27.24	88.1	89.8	-1.69	16.62	14.48	26.436	813.75	0
"2011-06-23	13:00:00"	19.71	184.1	11.8	32.01	16.44	184.1	14.2	25.45	90	92.1	-2.088	16.45	14.12	26.43	921.63	0
"2011-06-23	14:00:00"	17.87	181.9	13.27	27.84	14.97	181.9	15.43	26.05	92	94.3	-2.295	16.94	14.5	26.413	974.27	0
"2011-06-23	15:00:00"	16.36	183.7	16.59	27.84	13.79	185	19.02	24.86	93.6	95.9	-2.334	17.56	14.99	26.392	951.16	0
"2011-06-23	16:00:00"	16.41	178.2	18.5	27.24	13.91	178.3	20.31	23.66	94.8	97	-2.173	17.61	15.06	26.37	906.3	0
"2011-06-23	17:00:00"	15.13	158.1	17.41	30.22	12.68	159.6	17.94	24.26	95.6	97.7	-2.041	16.88	14.38	26.351	785.77	0
"2011-06-23	18:00:00"	14.47	156.2	18.39	23.07	12.09	157.5	17.94	20.68	96	97.6	-1.553	15.32	13.05	26.332	619.65	0
"2011-06-23	19:00:00"	16.12	166.2	14.61	29.63	13.49	167.3	14.92	23.66	95.9	97	-1.112	13.34	11.28	26.312	430.91	0
"2011-06-23	20:00:00"	17.18	170.9	10.97	26.05	14.34	170.8	11.69	21.87	95.2	95.7	-0.535	14.54	12.66	26.309	230.73	0
"2011-06-23	21:00:00"	17.34	173.9	7.804	25.45	14.18	173.5	9.25	20.68	92.6	92.6	-0.009	16.73	15.04	26.316	63.257	0
"2011-06-23	22:00:00"	13.55	171.3	7.614	19.49	11.07	171	8.76	18.3	88.8	88.4	0.327	19.22	17.71	26.32	0.63064	0
"2011-06-23	23:00:00"	13.03	170.9	8.11	18.3	10.61	171	8.59	17.1	86	85.6	0.395	21.68	20.24	26.326	0	0
"2011-06-24	00:00:00"	13.09	166.4	9.19	19.49	10.75	166	9.26	17.1	84	83.6	0.384	24.34	22.95	26.328	0	0
"2011-06-24	01:00:00"	12.36	168.8	8.51	20.09	10.13	168.8	9.14	15.91	81.8	81.4	0.405	25.4	24.08	26.325	0	0
"2011-06-24	02:00:00"	12.06	172.1	7.658	18.3	9.74	171.5	8.84	15.31	79.99	79.51	0.481	23.22	21.97	26.322	0	0
"2011-06-24	03:00:00"	13.86	172.6	7.182	18.89	11.17	172.1	8.81	17.1	78.84	78.39	0.45	25.37	24.08	26.312	0	0
"2011-06-24	04:00:00"	13.18	173.9	7.289	18.89	10.62	173	8.49	16.51	76.51	76.11	0.402	29.9	28.59	26.302	0	0
"2011-06-24	05:00:00"	13.86	177.4	6.992	18.89	11.09	176.8	8.17	16.51	74.25	73.89	0.365	38.9	37.58	26.299	0	0
"2011-06-24	06:00:00"	12.56	187.2	9.76	20.68	10.22	188	12.23	16.51	72.94	72.61	0.327	47.97	46.57	26.299	0	0
"2011-06-24	07:00:00"	10.92	185.3	9.3	17.1	8.88	185.9	11.07	14.72	71.15	70.82	0.333	55.03	53.79	26.306	2.7267	0
"2011-06-24	08:00:00"	12.8	181.5	7.416	18.89	10.47	181.3	9.15	16.51	71.45	71.34	0.112	57.53	56.16	26.315	89.002	0
"2011-06-24	09:00:00"	16.05	183.8	8.06	23.07	13.33	183.6	10.55	20.09	75.11	75.43	-0.315	51.05	49.05	26.319	261.41	0
"2011-06-24	10:00:00"	15.81	189.6	11.01	22.47	13.16	189.2	13.63	19.49	79.89	80.7	-0.845	40.29	37.87	26.32	457.99	0
"2011-06-24	11:00:00"	12.12	207.3	18.58	19.49	10.03	209.4	21.73	17.1	85.1	86.5	-1.374	30.73	28.21	26.322	649.11	0
"2011-06-24	12:00:00"	11.41	218.1	16.77	21.28	9.65	219.3	19.43	20.68	89.7	91.4	-1.703	24.37	21.77	26.313	810.16	0
"2011-06-24	13:00:00"	11.16	216.3	19.55	19.49	9.55	217.3	22.27	18.3	94.4	96.3	-1.913	19.14	16.64	26.301	924.39	0
"2011-06-24	14:00:00"	12.15	216.7	22.12	21.87	10.2	218.4	25.08	20.68	97.6	99.8	-2.205	14.85	12.44	26.284	980.8	0
"2011-06-24	15:00:00"	12.14	208.1	23.81	24.86	10.2	209.7	26.49	20.68	100	102.3	-2.31	12.29	9.93	26.26	955.45	0
"2011-06-24	16:00:00"	12.32	215.8	26.52	26.05	10.42	219.4	29.87	24.86	101.8	103.8	-2.041	10.87	8.63	26.236	914.51	0
"2011-06-24	17:00:00"	9.59	225.7	28.86	18.89	7.988	227.8	35.39	17.1	103	104.8	-1.816	9.59	7.454	26.215	797.74	0
"2011-06-24	18:00:00"	8.79	245.8	44.92	18.89	7.217	252.1	47.85	16.51	104	105.7	-1.632	8.28	6.225	26.198	628.12	0
"2011-06-24	19:00:00"	9.79	229.6	26.86	21.28	8.06	233.1	29.4	18.3	104.3	105.3	-1.068	8.05	6.087	26.188	429.9	0
"2011-06-24	20:00:00"	9.36	212.1	24.9	17.7	7.712	214.1	27.24	15.91	103.9	104.3	-0.373	7.805	5.979	26.183	229.26	0
"2011-06-24	21:00:00"	18.72	179.8	14.03	28.43	15.31	178.7	15.37	24.86	100.4	100.3	0.112	11.59	9.85	26.187	61.742	0
"2011-06-24	22:00:00"	17.69	174.6	6.921	26.05	14.32	173.7	8.52	22.47	95.1	94.8	0.338	14.71	13.13	26.203	0.67693	0
"2011-06-24	23:00:00"	17.81	176.5	6.699	26.05	14.38	175.4	8.53	21.28	91.7	91.3	0.409	16.28	14.78	26.222	0	0
"2011-06-25	00:00:00"	18.44	181	7.076	26.65	15.05	179.7	9.09	21.87	89	88.6	0.375	19.49	18	26.239	0	0
"2011-06-25	01:00:00"	19.16	181.3	7.135	28.43	15.77	180.9	9.37	23.66	86.1	85.8	0.314	25.59	24.13	26.243	0	0
"2011-06-25	02:00:00"	16.46	183.9	7.818	23.66	13.56	184.2	9.84	21.28	82.8	82.5	0.289	31.44	30.04	26.24	0	0
"2011-06-25	03:00:00"	14.52	185.8	8.31	21.87	12.06	185.6	10.22	18.89	79.8	79.54	0.269	37.89	36.51	26.237	0	0
"2011-06-25	04:00:00"	15.29	182.5	8.31	22.47	12.47	182.5	10.4	21.28	77.62	77.35	0.271	44.65	43.15	26.235	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-25	05:00:00"	14.05	182	8.26	21.28	11.4	181.8	10.38	18.89	75.84	75.55	0.285	50.24	48.85	26.236	0
"2011-06-25	06:00:00"	11.07	196.1	9.03	17.7	8.86	197.9	11.2	14.72	73.17	72.82	0.347	55.93	54.73	26.242	0
"2011-06-25	07:00:00"	10.12	186.7	8.88	14.72	8.29	188.4	10.94	12.93	71.07	70.78	0.287	60.75	59.59	26.246	2.5138
"2011-06-25	08:00:00"	9.86	185.9	11.37	15.31	8.12	186	13.28	12.93	70.48	70.41	0.067	63.05	61.62	26.261	90.487
"2011-06-25	09:00:00"	11.98	192.9	10.18	17.7	10.08	193	12.9	15.91	74.69	75.1	-0.412	56.01	53.78	26.283	264.56
"2011-06-25	10:00:00"	12.02	211.5	12.79	17.7	10.1	213.6	15.43	15.91	80.3	81.2	-0.931	44.59	41.79	26.297	464.71
"2011-06-25	11:00:00"	10.81	225.8	14.06	17.1	9.18	226.4	15.86	15.91	86.7	87.9	-1.198	32.69	30.25	26.294	657.65
"2011-06-25	12:00:00"	7.768	250.4	23.84	14.12	6.44	253.3	28.88	12.33	93.2	94.9	-1.686	20.26	17.85	26.291	827.53
"2011-06-25	13:00:00"	6.619	269.3	41.59	14.72	5.131	269	49.09	12.33	97.5	99.5	-2.007	14.54	12.23	26.286	944.64
"2011-06-25	14:00:00"	5.862	272.4	77.01	16.51	4.736	268.6	81.4	14.12	100.4	102.5	-2.138	11.69	9.43	26.271	996.66
"2011-06-25	15:00:00"	7.592	234.1	51.84	18.89	6.516	235	54.98	16.51	103	105	-1.907	9.53	7.39	26.252	970.92
"2011-06-25	16:00:00"	9.24	223.6	51.43	23.07	7.588	227.2	53.59	19.49	104.5	106.6	-2.136	7.324	5.237	26.235	931.25
"2011-06-25	17:00:00"	10.48	201.3	34.35	21.28	8.8	202.2	36	20.09	105.1	106.9	-1.819	6.287	4.288	26.22	808.33
"2011-06-25	18:00:00"	9.43	198.9	46.67	21.87	7.984	199.3	51.49	17.7	105.3	106.8	-1.504	6.339	4.356	26.207	636.64
"2011-06-25	19:00:00"	9.01	244.3	31.36	24.26	7.632	248	31.18	20.68	105.6	106.7	-1.051	6.032	4.119	26.199	436.63
"2011-06-25	20:00:00"	11.08	206.4	19.1	21.87	9.03	208	21.58	18.3	104.9	105.3	-0.417	5.932	4.123	26.198	234.58
"2011-06-25	21:00:00"	6.6	223.5	13.7	14.12	5.076	228	16.22	12.33	102.7	102.2	0.421	6.373	4.714	26.209	65.035
"2011-06-25	22:00:00"	9.68	191.8	17.74	23.07	7.284	189.5	19.2	20.09	97.2	96	1.207	12.7	11.2	26.223	0.62514
"2011-06-25	23:00:00"	17.31	176.8	6.65	29.03	14.07	175.7	8.43	24.86	92.5	92.3	0.261	29.88	28.29	26.247	0
"2011-06-26	00:00:00"	19.21	179	6.504	27.24	15.73	178.6	8.23	24.86	89	88.8	0.218	35.25	33.78	26.263	0
"2011-06-26	01:00:00"	20.06	179.7	7.046	30.82	16.49	179	8.54	26.65	85.6	85.4	0.178	40.43	38.86	26.269	0
"2011-06-26	02:00:00"	19.29	181.8	7.423	27.84	15.97	181.1	9.28	23.07	82.7	82.6	0.142	47.03	45.38	26.271	0
"2011-06-26	03:00:00"	17.49	185.6	8.38	27.24	14.56	185.6	10.54	22.47	80.8	80.7	0.161	52.08	50.56	26.269	0
"2011-06-26	04:00:00"	15.58	190.9	10.04	29.03	13	191.7	12.77	23.07	79.74	79.55	0.193	54.77	53.36	26.27	0
"2011-06-26	05:00:00"	16.7	186.1	8.8	24.86	13.93	186.1	10.85	23.07	78.9	78.7	0.195	56.55	55.19	26.27	0
"2011-06-26	06:00:00"	15.2	187.9	8.73	24.26	12.74	188.9	10.5	21.28	77.91	77.69	0.217	57.8	56.51	26.272	0
"2011-06-26	07:00:00"	11.52	201.6	13.82	18.3	9.3	205.1	16.37	14.72	76.12	75.86	0.261	60.76	59.61	26.288	2.2757
"2011-06-26	08:00:00"	11.9	203.9	11.06	17.7	9.52	205.8	13.71	15.91	75.45	75.4	0.049	63.26	61.82	26.304	84.598
"2011-06-26	09:00:00"	12.36	213.7	11.24	18.3	9.91	216.2	13.08	15.31	78.06	78.52	-0.458	60.21	57.91	26.325	255.16
"2011-06-26	10:00:00"	10.72	220.1	12.7	15.91	9.06	219.6	12.71	13.52	82.5	83.3	-0.852	51.44	48.52	26.33	451.91
"2011-06-26	11:00:00"	9.84	224	16.59	15.91	8.39	225.6	18.34	13.52	88.2	89.4	-1.254	39.5	36.62	26.327	647.17
"2011-06-26	12:00:00"	7.229	240.4	28.47	14.72	6.026	242.5	33.25	12.33	93.7	95.5	-1.839	28.69	25.88	26.326	810
"2011-06-26	13:00:00"	5.543	230.5	59.61	12.33	4.587	232.1	63.75	9.95	97.7	99.4	-1.704	19.5	17.08	26.321	924.26
"2011-06-26	14:00:00"	5.692	122.8	76.19	14.12	4.981	125	76.3	12.33	100.7	102.8	-2.095	14.63	12.25	26.303	977
"2011-06-26	15:00:00"	5.643	216.7	60.79	13.52	4.933	217.5	67.65	14.12	102.6	104.6	-1.987	13.05	10.74	26.282	959.54
"2011-06-26	16:00:00"	8.26	176.8	47.91	20.09	7.04	178.7	48.99	15.91	103.4	105.1	-1.651	12.71	10.48	26.261	654.48
"2011-06-26	17:00:00"	8.62	199.3	61.1	20.09	7.145	204.6	62.27	15.91	104.2	105.8	-1.654	11.52	9.32	26.242	645.81
"2011-06-26	18:00:00"	7.034	254	48.23	17.7	5.75	258.1	52.57	15.91	104.5	106	-1.527	10.69	8.57	26.227	601.77
"2011-06-26	19:00:00"	9.29	192.9	30.76	20.68	7.829	193.3	32.74	17.1	104.5	105.3	-0.759	9.88	7.947	26.213	295.9
"2011-06-26	20:00:00"	14.01	188.4	14.44	29.63	11.7	189.5	17.12	26.05	103.7	104.2	-0.448	11.58	9.68	26.212	215.81
"2011-06-26	21:00:00"	23.26	177.7	7.748	32.01	19.1	177	9.32	27.24	99.9	99.9	0.008	16.64	14.89	26.221	52.342
"2011-06-26	22:00:00"	18.45	173.6	7.251	29.03	15.12	172.5	8.74	27.24	95.3	95.1	0.213	21.16	19.52	26.242	0.46143
"2011-06-26	23:00:00"	16.32	173.3	7.26	27.24	13.27	172.7	8.7	22.47	91.4	91.2	0.253	27.13	25.59	26.266	0
"2011-06-27	00:00:00"	18.73	175	7.491	29.63	15.4	174.5	9	24.86	88.1	87.9	0.183	33.75	32.26	26.284	0
"2011-06-27	01:00:00"	21.56	178.3	6.457	30.22	17.62	177.2	8.59	27.24	85.2	85	0.166	38.44	37.01	26.293	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-27	02:00:00"	19.33	177.3	6.524	27.84	15.71	176.6	8.4	23.66	82.5	82.4	0.177	42.25	40.62	26.303	0
"2011-06-27	03:00:00"	18.24	179.3	6.353	26.05	15.03	178.3	8.43	22.47	80.5	80.4	0.155	47.04	45.45	26.305	0
"2011-06-27	04:00:00"	17.73	180.6	6.51	26.05	14.58	179.8	8.58	23.07	79.32	79.16	0.158	50.47	48.96	26.304	0
"2011-06-27	05:00:00"	15.35	179.5	6.513	23.07	12.48	178.3	8.47	20.09	78.11	77.9	0.21	52.93	51.54	26.31	0
"2011-06-27	06:00:00"	11.87	183.3	9.39	19.49	9.59	184.1	12.02	17.1	77.06	76.79	0.264	54.06	52.81	26.322	0
"2011-06-27	07:00:00"	10.08	173.5	9.99	14.72	8.01	172.8	10.69	12.33	76.08	75.74	0.338	54.56	53.46	26.337	2.0882
"2011-06-27	08:00:00"	12.09	173.7	8.09	18.3	9.83	173.2	9.37	15.31	76.48	76.33	0.142	52.88	51.52	26.348	78.812
"2011-06-27	09:00:00"	17.34	177.9	7.934	25.45	14.35	177.8	9.75	21.87	79.22	79.54	-0.316	48.1	46	26.36	249.13
"2011-06-27	10:00:00"	16.07	183.2	9.64	23.07	13.21	182.4	11.89	19.49	82.7	83.6	-0.912	42.05	39.44	26.374	446.59
"2011-06-27	11:00:00"	12.52	197.6	13.92	18.3	10.45	198.1	16.73	17.1	86.2	87.7	-1.502	36.25	33.45	26.384	637.63
"2011-06-27	12:00:00"	11.38	200	16.34	18.3	9.5	202.6	20.26	17.1	90.2	92.2	-1.988	29.85	26.9	26.381	804.07
"2011-06-27	13:00:00"	9.92	204.7	23.57	17.1	8.36	206.5	26.94	15.91	93.9	95.9	-2.005	24.38	21.58	26.375	917.13
"2011-06-27	14:00:00"	11.18	191.9	19.46	21.28	9.54	193.8	23.4	20.09	97.1	99.4	-2.265	19.36	16.68	26.369	973.07
"2011-06-27	15:00:00"	10.84	183.7	20.22	20.09	9.29	184.1	24.28	18.3	99.5	101.7	-2.214	14.01	11.62	26.358	949.08
"2011-06-27	16:00:00"	12.15	189.9	21.7	23.07	10.32	191.1	25.71	20.68	100.9	103.2	-2.253	10.92	8.64	26.346	910
"2011-06-27	17:00:00"	11.2	168.1	24.11	19.49	9.49	169.4	28.91	17.7	101.3	103.1	-1.809	11.99	9.76	26.337	782.79
"2011-06-27	18:00:00"	13.81	149.7	18.33	23.66	11.49	151.7	18.03	25.45	101.7	103.5	-1.749	11.89	9.68	26.322	616.98
"2011-06-27	19:00:00"	15.37	161.9	13.53	26.65	12.99	162.9	13.77	23.07	100.8	101.9	-1.081	14.01	11.91	26.312	420.61
"2011-06-27	20:00:00"	15.98	151.2	13.12	24.86	13.18	153.3	12.58	20.68	99.7	100.3	-0.591	13.59	11.67	26.326	217
"2011-06-27	21:00:00"	13.1	153.9	8.57	21.87	10.92	156	8.24	19.49	96.6	96.6	0.05	16.09	14.38	26.352	27.581
"2011-06-27	22:00:00"	10.2	142.8	8.18	14.12	7.575	144.5	9.66	11.14	92.3	91.8	0.55	19.46	18.02	26.376	0.29167
"2011-06-27	23:00:00"	8.95	145.8	6.498	11.74	6.588	148.4	6.996	9.95	88.9	88.3	0.593	20.92	19.54	26.416	0
"2011-06-28	00:00:00"	11.54	150.6	7.541	17.1	9.19	153	7.654	14.72	87	86.6	0.377	23.4	21.97	26.434	0
"2011-06-28	01:00:00"	9.94	166.4	10.07	15.91	8.08	166.5	10.19	13.52	85.6	85.3	0.262	26.72	25.27	26.451	0
"2011-06-28	02:00:00"	6.224	183.6	13.65	11.14	4.645	185.2	16.2	8.75	82.9	82.4	0.495	29.83	28.52	26.458	0
"2011-06-28	03:00:00"	7.068	185.8	10.13	11.74	5.359	186.5	11.83	8.75	81	80.5	0.475	34.16	32.91	26.464	0
"2011-06-28	04:00:00"	9.37	172.4	8.17	12.93	7.433	171.7	8.98	11.74	79.92	79.65	0.265	37.79	36.45	26.47	0
"2011-06-28	05:00:00"	10.17	166.7	8.87	14.72	8.22	166.8	9.17	13.52	79.15	78.91	0.24	42.75	41.22	26.469	0
"2011-06-28	06:00:00"	14.28	173.3	6.934	21.28	11.49	173	8.61	18.3	78.74	78.49	0.257	46.63	45.18	26.473	0
"2011-06-28	07:00:00"	11.32	157.6	14.89	17.7	9.14	157.8	14.69	15.31	77.01	76.8	0.206	51.68	50.22	26.491	4.0856
"2011-06-28	08:00:00"	8.97	129	15.64	13.52	7.042	130.9	17.68	12.33	75.57	75.77	-0.199	56.06	54.05	26.505	83.436
"2011-06-28	09:00:00"	9.68	137.7	18.77	15.91	7.946	140.2	20.2	12.93	76.69	77.45	-0.762	57.23	54.33	26.532	265.67
"2011-06-28	10:00:00"	11.44	173.8	12.2	18.3	9.63	173.1	13.33	15.91	78.89	80	-1.119	56.9	53.5	26.533	443.23
"2011-06-28	11:00:00"	13.3	181.7	12.75	20.09	11.1	182.1	15.44	17.7	82.6	84.2	-1.64	49.93	45.94	26.525	634.63
"2011-06-28	12:00:00"	11.63	161.8	22.95	20.68	9.83	163.8	23.68	17.1	86	87.6	-1.612	40.54	37.22	26.516	644.13
"2011-06-28	13:00:00"	13.51	145.9	16.57	21.28	11.21	149.8	16.85	20.68	89.8	91.7	-1.942	33.22	30.1	26.503	773.65
"2011-06-28	14:00:00"	14.1	148.1	18.27	23.07	11.74	150.5	18.92	21.28	92.6	94.8	-2.179	27.38	24.36	26.488	956.34
"2011-06-28	15:00:00"	13.74	150.8	20.24	24.86	11.58	152.2	20.91	21.87	94.8	97	-2.201	22.69	19.84	26.47	931.88
"2011-06-28	16:00:00"	13.82	151.4	18.73	24.86	11.52	153.9	19.45	21.87	96.5	98.7	-2.146	18.67	16.08	26.446	879.74
"2011-06-28	17:00:00"	15.55	148.7	19.11	24.26	13	150.9	19.14	22.47	97	99	-1.925	17.86	15.36	26.426	708.63
"2011-06-28	18:00:00"	16.13	152.9	16.35	27.84	13.53	154.4	16.4	24.86	96.6	98.2	-1.605	19.83	17.43	26.413	558.13
"2011-06-28	19:00:00"	15.62	157.2	14.42	24.86	13.04	158.8	14.22	21.87	96.7	97.7	-1.044	19.85	17.66	26.402	378.42
"2011-06-28	20:00:00"	16.59	159.2	12.69	23.66	13.84	160.2	12.39	21.87	96	96.5	-0.465	17.89	16.01	26.398	198.99
"2011-06-28	21:00:00"	14.82	158.8	9.82	23.07	12.34	159.4	9.63	20.68	94.1	94.1	0.05	19.04	17.37	26.401	45.501
"2011-06-28	22:00:00"	11.33	158	8.05	17.1	9.47	158.4	7.68	14.72	90.5	90.2	0.288	21.13	19.62	26.406	0.22703

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-28	23:00:00"	9.61	158.7	8.38	14.12	7.734	159.1	7.896	11.74	86.8	86.4	0.424	23.77	22.39	26.418	0	0
"2011-06-29	00:00:00"	10.77	156.3	7.465	15.31	8.64	157.3	7.3	13.52	84.6	84.2	0.441	25.86	24.55	26.43	0	0
"2011-06-29	01:00:00"	11.68	164.2	10.28	18.3	9.57	164.7	10.12	15.91	83	82.6	0.39	28.37	27.07	26.443	0	0
"2011-06-29	02:00:00"	13.95	177.1	7.348	19.49	11.24	176.3	8.69	16.51	81.5	81.1	0.355	35.01	33.69	26.463	0	0
"2011-06-29	03:00:00"	10.44	188.9	8.68	15.91	8.37	188.6	10.66	13.52	79.1	78.82	0.284	45.27	43.78	26.474	0	0
"2011-06-29	04:00:00"	10.88	187.2	8.43	15.91	8.68	186.4	9.86	14.72	77.31	76.99	0.318	50.58	49.28	26.472	0	0
"2011-06-29	05:00:00"	10.29	182.9	8.39	15.31	8.16	182.2	10.43	12.93	75.75	75.43	0.318	53.82	52.62	26.465	0	0
"2011-06-29	06:00:00"	10.42	169.6	7.83	15.31	8.28	168.8	8.84	12.33	74.36	74.03	0.328	57.12	55.97	26.469	0	0
"2011-06-29	07:00:00"	11.15	164	9.45	17.1	9.05	163.6	9.46	15.31	73.4	73.15	0.248	60.37	59.23	26.478	4.1198	0
"2011-06-29	08:00:00"	12.36	161.1	10.08	18.89	10.28	161.3	9.74	16.51	73.54	73.55	-0.007	63.05	61.57	26.482	95.378	0
"2011-06-29	09:00:00"	17.05	178	8.86	23.66	14	177	11.04	20.09	76.02	76.46	-0.446	61.19	58.97	26.484	263.87	0
"2011-06-29	10:00:00"	17.08	184.4	9.73	24.26	14.08	183.7	12.12	20.68	78.97	79.91	-0.937	55.09	52.03	26.49	455.7	0
"2011-06-29	11:00:00"	15.36	194.6	11.64	23.07	12.5	196	14.85	19.49	82.7	84.3	-1.531	46.15	42.53	26.483	646.24	0
"2011-06-29	12:00:00"	16.06	188.8	13.81	25.45	13.28	189.1	17.44	22.47	86.8	88.7	-1.918	35.86	32.74	26.471	803.48	0
"2011-06-29	13:00:00"	15.12	190	16.45	23.07	12.55	191.2	19.74	21.28	90.6	92.8	-2.157	28.48	25.46	26.459	904.69	0
"2011-06-29	14:00:00"	15.46	176.9	15.05	26.05	13.03	177.5	16.65	22.47	93.5	95.7	-2.227	23.57	20.69	26.447	954.04	0
"2011-06-29	15:00:00"	15.26	170.8	17.31	25.45	13.03	171.3	18.86	23.07	95.6	97.7	-2.17	20.31	17.66	26.428	924.8	0
"2011-06-29	16:00:00"	15.36	182.2	16.92	28.43	12.86	183.4	19.43	25.45	96.5	98.8	-2.299	17.85	15.38	26.409	873.31	0
"2011-06-29	17:00:00"	16.77	154.9	17.92	26.65	13.94	156.3	17.37	26.05	97.3	99.2	-1.86	17.23	14.92	26.396	748.54	0
"2011-06-29	18:00:00"	17.25	152.8	16.41	27.24	14.36	154.6	16.42	25.45	96.9	98.5	-1.601	17.07	14.79	26.384	553.03	0
"2011-06-29	19:00:00"	17.42	156	16.02	27.24	14.65	157.5	16.01	24.26	96.4	97.5	-1.022	17	14.92	26.369	389.74	0
"2011-06-29	20:00:00"	18.5	155.2	12.85	30.22	15.31	157.4	12.2	27.84	95.4	95.8	-0.433	16.83	14.99	26.365	198.69	0
"2011-06-29	21:00:00"	16.35	157.3	8.87	26.65	13.85	158.4	8.55	23.66	93	93	0.061	19.32	17.68	26.37	46.502	0
"2011-06-29	22:00:00"	13.26	155.8	8.33	18.3	11.13	157.3	8.11	17.1	89.6	89.4	0.256	23.02	21.52	26.379	0.22789	0
"2011-06-29	23:00:00"	12.2	157.6	8.4	17.7	10.19	158.2	8.13	15.31	86.7	86.4	0.291	27.35	25.93	26.398	0	0
"2011-06-30	01:00:00"	10.66	171.5	9.42	15.91	8.58	170.9	10	14.12	82.7	82.3	0.389	34.35	33.12	26.417	0	0
"2011-06-30	02:00:00"	13.81	181.4	7.206	20.09	11.38	180.9	9.17	18.3	79.83	79.55	0.274	43.27	41.83	26.429	0	0
"2011-06-30	03:00:00"	14.66	181.8	7.181	20.68	12.05	181.2	9.4	17.1	77.97	77.75	0.218	49.61	48.19	26.432	0	0
"2011-06-30	04:00:00"	13.27	180.3	6.288	18.89	10.77	179.5	8.33	15.91	76.23	75.97	0.262	52.52	51.25	26.428	0	0
"2011-06-30	05:00:00"	9.16	185.8	7.955	15.91	7.389	185.7	9.63	12.93	74.29	73.99	0.302	55.31	54.15	26.428	0	0
"2011-06-30	06:00:00"	7.92	174.8	8.86	11.74	6.05	173	10.09	10.54	72.88	72.43	0.457	57.27	56.4	26.424	0	0
"2011-06-30	07:00:00"	7.762	168.3	9.77	11.74	5.926	167.1	10.02	9.35	71.59	71.15	0.435	59.49	58.65	26.435	1.7948	0
"2011-06-30	08:00:00"	10.62	164.9	10.45	18.89	8.77	165	10.64	17.7	71.9	71.8	0.106	60.6	59.34	26.443	72.201	0
"2011-06-30	09:00:00"	17.96	171.4	8.94	29.03	14.91	171.1	10.18	24.26	75.01	75.32	-0.307	58.13	56.16	26.45	235.1	0
"2011-06-30	10:00:00"	19.41	169.5	10.86	27.24	16.16	168.8	11.63	24.86	77.87	78.58	-0.71	53.21	50.77	26.464	425.24	0
"2011-06-30	11:00:00"	19.29	178.3	9.56	28.43	16.02	177.7	11.42	24.86	80.9	82.1	-1.23	46.73	43.7	26.46	616.46	0
"2011-06-30	12:00:00"	18.37	174.7	11.62	27.84	15.36	174.5	12.71	24.86	84.2	85.9	-1.743	39.15	36.01	26.459	776.57	0
"2011-06-30	13:00:00"	19.25	176.9	12.33	27.84	16.09	177.1	13.49	25.45	87	89.1	-2.095	32.54	29.4	26.449	885.48	0
"2011-06-30	14:00:00"	18.27	165.7	12.79	29.03	15.56	165.8	14.07	25.45	89.7	91.8	-2.03	27.77	24.83	26.437	937.75	0
"2011-06-30	15:00:00"	17.13	170.3	15.83	33.8	14.47	171.2	16.7	31.42	91.3	93.5	-2.151	25.27	22.34	26.418	906.77	0
"2011-06-30	16:00:00"	18.57	160	16.99	32.01	15.66	160.9	17.05	31.42	92.4	94.6	-2.17	22.16	19.37	26.395	880.05	0
"2011-06-30	17:00:00"	18.38	164.5	16.12	29.63	15.43	164.8	16.24	25.45	93.1	95	-1.939	21.61	18.94	26.377	762.26	0
"2011-06-30	18:00:00"	17.93	165.4	14.08	30.82	15.2	165.6	14.08	27.24	93.4	94.9	-1.465	19.99	17.62	26.363	601.76	0
"2011-06-30	19:00:00"	18.37	161.2	13.91	32.61	15.53	161.6	14.12	27.84	93.1	94.2	-1.025	19.48	17.33	26.353	411.09	0
"2011-06-30	20:00:00"	18.43	173.5	10.78	28.43	15.36	172.4	11.76	24.86	91.9	92.5	-0.602	21.54	19.55	26.355	218.03	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-06-30	21:00:00"	17.74	170.8	9.22	25.45	14.57	170.6	9.81	22.47	89.6	89.7	-0.095	23.87	22.16	26.361	60.278	0
"2011-06-30	22:00:00"	13.76	171.6	7.885	19.49	11.2	171.5	8.75	17.1	86.3	86.1	0.171	27.95	26.45	26.377	0.5054	0
"2011-06-30	23:00:00"	12.28	167.8	9.18	18.3	10.09	167.5	9.72	17.7	83.7	83.5	0.21	32.93	31.52	26.398	0	0
"2011-07-01	01:00:00"	15.22	173.4	8.88	29.63	12.41	172.8	9.99	24.26	80.3	80.1	0.178	42.19	40.73	26.421	0	0
"2011-07-01	02:00:00"	14.04	175.3	7.007	19.49	11.49	174.7	8.47	17.1	76.12	75.99	0.125	53.13	51.64	26.43	0	0
"2011-07-01	03:00:00"	16.34	171.9	8.13	25.45	13.39	171.2	9.43	20.68	74.34	74.24	0.102	53.31	51.84	26.42	0	0
"2011-07-01	04:00:00"	16.01	173.6	7.282	23.66	13.13	172.9	8.98	20.68	72.49	72.4	0.087	56.07	54.61	26.418	0	0
"2011-07-01	05:00:00"	13.55	167.9	9.29	20.09	11.13	167.3	9.74	18.3	71.55	71.43	0.121	56.45	55.06	26.411	0	0
"2011-07-01	06:00:00"	11.18	161	9.29	17.1	9.34	160.5	9.12	15.91	70.59	70.47	0.123	57.35	55.99	26.412	0	0
"2011-07-01	07:00:00"	7.534	154.9	8.99	12.93	5.983	155.2	8.68	11.74	68.83	68.66	0.175	60.65	59.35	26.427	1.9187	0
"2011-07-01	08:00:00"	6.883	151.6	10.37	10.54	5.417	152.4	9.77	8.16	68.78	68.8	-0.019	62.55	61.03	26.438	75.041	0
"2011-07-01	09:00:00"	13.15	158.4	11.09	21.28	10.95	159.5	11.15	20.09	71.45	71.86	-0.412	60.87	58.85	26.441	237.65	0
"2011-07-01	10:00:00"	15.34	169.1	11.11	23.66	12.93	168.8	11.56	20.68	75.13	75.97	-0.836	55.51	52.82	26.442	427.42	0
"2011-07-01	11:00:00"	15.42	165.3	13.88	24.86	13	165.4	14.34	21.28	78.25	79.61	-1.365	49.95	46.47	26.44	615.49	0
"2011-07-01	12:00:00"	15.08	167.3	14.58	24.26	12.86	167.5	15.16	21.87	81.5	83.2	-1.697	43.7	39.98	26.438	774.66	0
"2011-07-01	13:00:00"	14.88	164.8	16.35	24.86	12.68	165.6	16.92	21.28	84.3	86.3	-2.003	38.79	35.41	26.432	888.18	0
"2011-07-01	14:00:00"	14.34	168.8	18.7	25.45	12.11	170	19.3	22.47	86.5	88.8	-2.311	35.88	32.43	26.421	943	0
"2011-07-01	15:00:00"	14.72	155.2	18.39	26.05	12.37	156.1	19.46	23.66	88.2	90.6	-2.37	33.33	29.96	26.407	916.84	0
"2011-07-01	16:00:00"	13.43	164.3	19.85	21.28	11.39	165.6	20.76	19.49	89.9	92.1	-2.213	29.72	26.58	26.397	893.99	0
"2011-07-01	17:00:00"	13.48	152.5	19.53	24.26	11.28	153.3	19.65	20.09	90.7	92.8	-2.021	28.73	25.71	26.382	628.34	0
"2011-07-01	18:00:00"	14.56	158.4	18.91	24.86	12.2	160.1	19.07	22.47	91.3	93	-1.698	29.52	26.72	26.371	523.6	0
"2011-07-01	19:00:00"	14.68	152.5	16.74	27.84	12.22	154	16.8	20.68	90.8	92.2	-1.402	30.5	27.83	26.369	377.92	0
"2011-07-01	20:00:00"	16.24	161.7	14.4	26.65	13.42	162.4	14.17	23.66	89.8	90.5	-0.688	31.88	29.74	26.377	170.57	0
"2011-07-01	21:00:00"	16.98	156.1	8.92	26.65	14.36	157.5	8.7	21.28	87.8	88	-0.192	34.29	32.55	26.389	49.98	0
"2011-07-01	22:00:00"	15.96	159.1	8.54	23.66	13.58	159.1	8.45	21.28	85.3	85.3	0.025	36.5	34.99	26.413	0.43301	0
"2011-07-01	23:00:00"	15.42	162.2	9.03	23.07	12.98	161.5	9.14	21.87	83.3	83.2	0.08	39.06	37.57	26.436	0	0
"2011-07-02	00:00:00"	14.95	163.5	9.47	26.05	12.45	163.3	9.87	22.47	81.2	81.1	0.088	44.51	42.86	26.459	0	0
"2011-07-02	01:00:00"	13.9	169	8.87	20.68	11.52	168.7	9.57	18.3	79.53	79.41	0.118	47.76	46.2	26.468	0	0
"2011-07-02	02:00:00"	11.53	167.1	9.34	17.7	9.49	166.4	9.75	15.91	77.68	77.54	0.14	50.8	49.33	26.472	0	0
"2011-07-02	03:00:00"	10.66	165.1	9.33	15.91	8.71	165.1	9.83	14.12	76.19	76.04	0.155	54.48	53.11	26.471	0	0
"2011-07-02	04:00:00"	10.31	151.5	9.18	18.3	8.31	153.3	8.76	15.31	74.72	74.55	0.166	57.62	56.26	26.469	0	0
"2011-07-02	05:00:00"	9.82	145.2	7.301	14.12	7.544	147.4	8.16	12.33	73.01	72.79	0.223	61.17	59.98	26.471	0	0
"2011-07-02	06:00:00"	11.15	143.3	7.01	15.91	8.69	145.9	8.05	12.33	72.09	71.88	0.205	63.95	62.79	26.481	0	0
"2011-07-02	07:00:00"	12.09	140.9	5.806	15.91	9.54	143.3	6.671	12.93	71.17	70.99	0.179	68.21	67.07	26.492	1.7904	0
"2011-07-02	08:00:00"	13.21	142.7	7.162	20.09	10.51	145.2	7.984	17.1	71.26	71.31	-0.041	69.72	68.34	26.511	69.295	0
"2011-07-02	09:00:00"	16.92	156	11.41	26.05	14.03	157.7	11.12	23.07	73.64	74.05	-0.412	62.47	60.4	26.527	253.35	0
"2011-07-02	10:00:00"	16.87	165.4	11.09	26.05	14.28	165.4	11.5	24.86	76.89	77.73	-0.839	52.43	49.6	26.542	431.4	0
"2011-07-02	11:00:00"	17.24	162.8	13.35	27.24	14.6	163.9	13.47	23.66	80.4	81.8	-1.377	45	41.54	26.542	660.48	0
"2011-07-02	12:00:00"	16.15	167.2	14.99	24.86	13.61	168	15.45	21.87	82.9	84.7	-1.843	39.67	36.33	26.539	773.29	0
"2011-07-02	13:00:00"	15.47	157	18.02	27.24	13.03	158.8	18.12	23.66	85	87.1	-2.125	35.89	32.55	26.536	875.62	0
"2011-07-02	14:00:00"	15.28	155.4	18.89	25.45	12.87	156	18.52	22.47	86.7	88.9	-2.17	33.37	30.07	26.525	919.57	0
"2011-07-02	15:00:00"	15.67	152.7	18.14	27.84	13.1	154.7	18.34	22.47	88.2	90.7	-2.492	31.51	28.04	26.509	871.3	0
"2011-07-02	16:00:00"	16.33	150.8	20.06	28.43	13.5	153.2	19.52	26.05	89.4	91.8	-2.451	31.19	27.77	26.493	822.88	0
"2011-07-02	17:00:00"	16.42	149.3	17.71	29.03	13.71	150.9	17.39	24.26	90.1	92	-1.931	29.98	26.97	26.473	591.29	0
"2011-07-02	18:00:00"	15.81	139.3	14.77	27.84	12.93	142.3	16.18	21.87	90.1	91.8	-1.723	30.31	27.43	26.453	454.57	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-02	19:00:00"	14.89	146.3	16.98	25.45	12.38	148.2	16.7	21.87	90.3	91.8	-1.462	29.31	26.66	26.435	426.47	0
"2011-07-02	20:00:00"	14.08	144.4	16.44	21.28	11.47	147.2	16.09	18.3	89.6	90.6	-0.904	29.43	27.16	26.434	194.27	0
"2011-07-02	21:00:00"	13.8	141.5	8.93	21.28	11.15	144.4	9.83	18.3	88.4	88.7	-0.283	29.88	28.04	26.444	52.848	0
"2011-07-02	22:00:00"	11.41	155.6	9.15	17.1	9.61	157.2	8.9	14.12	85.9	85.9	0.075	32.12	30.6	26.458	0.54849	0
"2011-07-02	23:00:00"	9.44	163.8	9.33	14.12	7.721	163.7	9.58	11.74	83.4	83.2	0.152	35.25	33.84	26.477	0	0
"2011-07-03	00:00:00"	10.81	172.8	6.936	14.72	8.71	172.2	8.69	12.93	81.6	81.5	0.137	38.8	37.44	26.491	0	0
"2011-07-03	01:00:00"	10.43	172.3	7.387	15.31	8.51	172	8.8	13.52	80.8	80.6	0.146	40.39	38.93	26.497	0	0
"2011-07-03	02:00:00"	9.01	169.8	8.47	13.52	7.21	170	9.15	11.14	78.94	78.71	0.225	42.81	41.33	26.494	0	0
"2011-07-03	03:00:00"	9	167.8	9	13.52	7.265	167.1	9.6	11.74	77.3	77.07	0.225	47.41	45.98	26.493	0	0
"2011-07-03	04:00:00"	8.51	171.4	8.1	12.33	6.634	170.5	8.68	9.95	75.53	75.24	0.293	52.06	50.78	26.49	0	0
"2011-07-03	05:00:00"	8.87	170.7	8.61	13.52	6.851	169.8	9.37	11.14	74.17	73.87	0.298	55.92	54.74	26.487	0	0
"2011-07-03	06:00:00"	9.44	169.5	9.11	14.12	7.463	168.6	9.85	12.33	73.77	73.51	0.26	58.15	57.02	26.483	0	0
"2011-07-03	07:00:00"	7.829	162.2	10.2	11.14	6.186	161.8	9.76	9.35	72.81	72.56	0.245	60.55	59.45	26.486	1.5784	0
"2011-07-03	08:00:00"	8.81	174.1	10.12	15.31	7.03	173.5	10.61	11.74	72.61	72.53	0.077	62.15	60.84	26.49	69.712	0
"2011-07-03	09:00:00"	11.8	180	7.583	17.1	9.77	179.2	10.14	15.31	75.96	76.41	-0.449	57.17	55.03	26.498	228.88	0
"2011-07-03	10:00:00"	11.78	181	9.58	18.3	9.86	180.2	11.95	15.31	79.21	80.2	-0.985	50.59	47.62	26.504	407.8	0
"2011-07-03	11:00:00"	13.25	180.8	12.06	20.09	11.06	180.6	14.66	18.3	82.4	84	-1.579	41.4	38.15	26.501	597.14	0
"2011-07-03	12:00:00"	12.25	187.7	15.98	20.68	10.39	188.9	19.02	18.89	85.1	87.2	-2.027	35.89	32.66	26.494	762.03	0
"2011-07-03	13:00:00"	10.92	174.2	26	20.09	9.26	175.4	25.95	18.3	86.8	88.9	-2.095	33.67	30.41	26.483	770.51	0
"2011-07-03	14:00:00"	11.15	154.2	29.53	23.07	9.36	155.7	31.84	20.09	88	89.8	-1.844	31.59	28.64	26.469	675.33	0
"2011-07-03	15:00:00"	10.16	163	34.14	21.28	8.61	163.4	35.02	17.7	89.4	91.5	-2.122	29.78	26.71	26.452	891.4	0
"2011-07-03	16:00:00"	11.56	145.2	25.54	20.68	9.7	147.1	27.05	18.3	90.6	92.7	-2.146	28.03	24.97	26.429	765.37	0
"2011-07-03	17:00:00"	9.1	176.5	39.98	21.28	7.718	178.2	42.32	18.3	91.1	92.9	-1.866	26.92	24.1	26.404	576.55	0
"2011-07-03	18:00:00"	11.05	156.8	29.24	19.49	9.22	158.6	31.16	15.91	91.2	92.5	-1.313	26.58	24.09	26.38	290.96	0
"2011-07-03	19:00:00"	13.77	146.4	23.93	29.63	11.2	147	23.98	25.45	91	92.3	-1.302	26.89	24.42	26.362	384.52	0
"2011-07-03	20:00:00"	21.89	138.3	9.73	30.82	17.59	141.7	10.91	26.05	88.2	89.1	-0.885	30.53	28.27	26.359	171.16	0
"2011-07-03	21:00:00"	16.96	142.8	7.446	26.65	13.73	145.5	8.6	21.87	88	88.2	-0.222	28.5	26.75	26.37	57.203	0
"2011-07-03	22:00:00"	8.99	134.2	6.164	15.31	6.377	134.7	8.83	13.52	85.2	84.8	0.472	30.54	29.23	26.391	0.47629	0
"2011-07-03	23:00:00"	8.91	136.8	7.822	11.74	6.042	138	10.01	8.75	83.1	82.4	0.666	32.52	31.48	26.4	0	0
"2011-07-04	00:00:00"	9	146.3	8.28	11.74	6.581	149.1	8.17	9.95	81.8	81.2	0.587	33.86	32.79	26.411	0	0
"2011-07-04	01:00:00"	9.56	166.9	9.46	15.31	7.59	166.8	9.99	13.52	79.78	79.39	0.398	35.04	33.96	26.42	0	0
"2011-07-04	02:00:00"	11.07	175.8	7.041	14.72	8.57	174	8.35	12.33	78.14	77.72	0.423	33.99	32.95	26.421	0	0
"2011-07-04	03:00:00"	9.64	189.9	21.6	15.91	7.676	191.2	26.94	12.33	75.94	75.61	0.332	35.85	34.69	26.421	0	0
"2011-07-04	04:00:00"	5.211	256.4	57.42	10.54	3.524	268.7	61.12	8.16	75.23	74.57	0.656	37.41	36.53	26.435	0	0
"2011-07-04	05:00:00"	5.564	246.7	67.42	11.74	3.598	272	92.9	8.75	75.2	73.88	1.314	38.52	38.13	26.434	0	0
"2011-07-04	06:00:00"	4.803	310.7	19.74	8.75	2.586	329.2	24.07	5.771	75.73	74.94	0.796	41.57	40.42	26.438	0	0
"2011-07-04	07:00:00"	4.228	190.2	35.4	7.561	2.761	168.3	39.21	4.578	75	72.8	2.202	43.85	44.05	26.437	1.1134	0
"2011-07-04	08:00:00"	6.098	176.1	9.65	9.35	4.207	169.6	8.08	7.561	74.58	73.71	0.87	46.53	45.78	26.441	64.553	0
"2011-07-04	09:00:00"	9.02	178.6	10.63	15.31	7.369	177.4	12.76	12.33	76.9	77.22	-0.319	45.51	43.48	26.453	227.79	0
"2011-07-04	10:00:00"	11.17	191.2	12.31	17.1	9.28	191.1	15.66	15.91	79.36	80.4	-1.033	42.88	40	26.463	419.75	0
"2011-07-04	11:00:00"	8.38	181.2	24.43	14.72	7.082	181.7	26.75	13.52	81.7	83.1	-1.393	37.57	34.86	26.463	609.27	0
"2011-07-04	12:00:00"	8.57	168.9	30.25	18.3	7.332	169.6	35.35	16.51	84.5	86.1	-1.589	33.27	30.48	26.458	765.24	0
"2011-07-04	13:00:00"	10.41	151.1	27.98	21.28	8.79	152	29.07	18.3	87	89.1	-2.099	29.19	26.2	26.446	888.27	0
"2011-07-04	14:00:00"	11.34	142.3	27.69	23.07	9.43	145	28.25	19.49	88.7	91	-2.325	27.12	24.02	26.429	947.2	0
"2011-07-04	15:00:00"	12.33	147.1	23.54	23.66	10.23	147.8	26.02	20.68	90.2	92.6	-2.476	24.68	21.61	26.409	961.34	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-04	16:00:00"	11.73	141.1	32.79	26.65	9.82	142.4	34.06	23.66	91.8	94.1	-2.377	21.57	18.72	26.391	865.44	0	
"2011-07-04	17:00:00"	11.89	150.5	28.26	21.87	9.99	153.3	29.25	20.09	92.4	94.5	-2.131	19.48	16.84	26.374	780.18	0	
"2011-07-04	18:00:00"	10.86	129.5	28.3	21.87	9.1	131.6	31.44	18.89	92.9	94.9	-1.981	18.61	16.07	26.363	559.01	0	
"2011-07-04	19:00:00"	10.3	158	28.77	21.87	8.73	160.5	30.8	19.49	92.9	94.3	-1.362	19.95	17.64	26.351	429.73	0	
"2011-07-04	20:00:00"	8.59	139.8	30.08	20.09	7.059	142.8	31.82	15.31	92.6	93.6	-0.982	21.05	18.88	26.349	228.51	0	
"2011-07-04	21:00:00"	9.57	143.2	14.89	14.72	7.758	145.2	14.55	13.52	92	92.3	-0.338	22.07	20.2	26.353	68.301	0	
"2011-07-04	22:00:00"	10.42	141.5	14.18	18.3	8.16	143.2	16.06	15.31	89.1	89	0.11	25.21	23.59	26.365	0.67179	0	
"2011-07-04	23:00:00"	8.55	107.1	11.31	14.72	6.195	105.7	14.09	11.74	86.4	86.3	0.179	28.91	27.44	26.391	0	0	
"2011-07-05	00:00:00"	6.731	114.3	6.087	8.75	4.559	113.8	9.74	6.964	85.8	85.5	0.265	29.59	28.18	26.408	0	0	
"2011-07-05	01:00:00"	7.151	114.2	19.75	11.74	4.821	114	22.24	9.95	83	82.4	0.578	33.03	31.78	26.417	0	0	
"2011-07-05	02:00:00"	7.875	158.9	11.88	14.72	6.229	159.7	11.33	12.33	82.1	81.8	0.268	34.16	32.86	26.426	0	0	
"2011-07-05	03:00:00"	7.621	172.4	8.56	12.33	5.866	170.9	9.71	9.95	79.86	79.47	0.386	36.14	34.98	26.431	0	0	
"2011-07-05	04:00:00"	7.263	185.9	7.983	10.54	5.678	186.7	10.19	8.75	77.91	77.58	0.335	37.74	36.59	26.435	0	0	
"2011-07-05	05:00:00"	7.856	195.1	7.131	11.74	6.105	197	9.48	10.54	76.08	75.66	0.418	39.45	38.37	26.435	0	0	
"2011-07-05	06:00:00"	7.841	182.2	8.4	11.74	5.871	181.3	9.7	8.75	74.93	74.44	0.486	40.83	39.67	26.438	0	0	
"2011-07-05	07:00:00"	5.6	196	8.84	8.75	3.858	203.1	13.3	6.368	74.07	73.48	0.589	41.86	40.79	26.448	1.2106	0	
"2011-07-05	08:00:00"	7.558	186.3	8.45	11.14	5.954	186.4	11.12	11.14	73.99	73.69	0.307	42.7	41.39	26.458	56.273	0	
"2011-07-05	09:00:00"	7.867	186.7	11.03	14.72	6.519	186.6	13.57	12.33	77.37	77.77	-0.403	39.83	38	26.469	223.12	0	
"2011-07-05	10:00:00"	12.06	192.5	11.99	18.3	10.07	193.5	15.36	15.31	80.8	81.8	-1.038	36.51	34.24	26.473	414.51	0	
"2011-07-05	11:00:00"	10.65	184.3	14.26	15.31	9.01	184.2	17.14	14.12	83.6	85	-1.448	33.47	30.96	26.473	601.87	0	
"2011-07-05	12:00:00"	9.89	172.5	20.94	18.89	8.42	173.6	23.35	15.31	86.2	87.7	-1.579	30.72	28.12	26.47	676.85	0	
"2011-07-05	13:00:00"	12.31	151.9	17.55	21.87	10.52	154.4	18.08	18.3	87.8	89.6	-1.724	28.52	25.83	26.464	691.71	0	
"2011-07-05	14:00:00"	12.84	141.6	24.14	23.66	10.79	144.3	25.29	20.09	90.3	92.5	-2.215	26.02	23.14	26.448	967.67	0	
"2011-07-05	15:00:00"	11.64	122.2	31.9	21.87	9.67	124.3	33.59	20.09	91.3	93.7	-2.368	25.15	22.19	26.435	766.14	0	
"2011-07-05	16:00:00"	14.17	136.5	15.49	27.84	11.6	139.1	17.34	23.66	91.8	93.5	-1.729	24.42	21.86	26.42	472.86	0	
"2011-07-05	17:00:00"	13.53	133.8	21.14	26.65	11.16	136.2	22.87	23.07	93.4	95.4	-2.056	21.47	18.8	26.404	776.82	0	
"2011-07-05	18:00:00"	12.58	140.5	18.8	23.66	10.52	143.7	19.99	19.49	93.4	95.2	-1.755	21.04	18.5	26.391	571.06	0	
"2011-07-05	19:00:00"	12.63	133.8	19.51	23.07	10.38	135.8	21.39	20.09	93.3	94.8	-1.418	21.18	18.79	26.381	357.18	0	
"2011-07-05	20:00:00"	11.92	138	13.29	19.49	9.73	141.3	14.75	15.91	92.8	93.6	-0.84	21.94	19.81	26.383	184.52	0	
"2011-07-05	21:00:00"	11.04	135.6	10.53	18.89	8.71	138.5	11.03	14.12	91.5	91.6	-0.142	23.19	21.44	26.389	49.321	0	
"2011-07-05	22:00:00"	7.995	130.1	6.572	11.14	4.976	129.4	8.65	8.16	87.7	86.9	0.859	25.33	24.24	26.398	0.54054	0	
"2011-07-05	23:00:00"	8.52	129.7	9.13	11.74	5.194	123.9	13.81	8.16	85.1	83.8	1.299	26.57	25.84	26.408	0	0	
"2011-07-06	00:00:00"	6.892	135.8	8.23	9.95	3.87	125.8	13.72	6.368	82.6	81	1.587	28.2	27.75	26.424	0	0	
"2011-07-06	01:00:00"	6.349	145.1	8.43	11.14	3.511	122.5	21.59	8.16	81.2	78.65	2.574	29.25	29.43	26.432	0	0	
"2011-07-06	02:00:00"	9.22	175.7	14.36	13.52	7.221	176	16.27	11.14	80.4	79.87	0.519	31.13	30.02	26.438	0	0	
"2011-07-06	03:00:00"	6.365	197.6	8.98	9.95	4.469	201.5	11.43	8.16	76.68	76.12	0.566	34.91	33.79	26.444	0	0	
"2011-07-06	04:00:00"	6.981	188.9	11.9	12.33	5.05	188.6	13.74	11.14	75.75	75.07	0.682	37.34	36.34	26.45	0	0	
"2011-07-06	05:00:00"	10.05	179.9	8.78	15.31	7.844	180.1	10.18	12.93	75.05	74.51	0.541	39.14	38.18	26.459	0	0	
"2011-07-06	06:00:00"	8.61	186.4	9.06	13.52	6.746	186.7	10.57	11.14	74.25	73.71	0.547	41.29	40.19	26.468	0	0	
"2011-07-06	07:00:00"	7.726	184.6	9.28	11.74	5.857	183.9	10.53	9.35	73.86	73.19	0.671	42.59	41.71	26.479	1.3067	0	
"2011-07-06	08:00:00"	7.253	182	9.1	14.72	5.772	180.8	11.36	11.14	74.18	73.82	0.361	42.85	41.85	26.488	67.347	0	
"2011-07-06	09:00:00"	9.72	180.6	8.14	14.12	7.964	180.8	10.51	11.74	77	77.25	-0.249	40.32	39.19	26.498	228.28	0	
"2011-07-06	10:00:00"	10.14	191.8	11.79	14.72	8.51	193.2	14.94	13.52	81.1	82	-0.863	36.19	34.49	26.498	417.9	0	
"2011-07-06	11:00:00"	9.52	187.9	15.46	14.72	8.03	188.8	18.8	12.93	85.1	86.4	-1.364	30.25	27.93	26.5	609.94	0	
"2011-07-06	12:00:00"	9.04	156.7	25.06	18.89	7.504	156.8	27.27	15.91	88.1	89.9	-1.818	26.92	24.34	26.492	779.14	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-06	13:00:00"	12.51	145.6	20.8	27.84	10.37	148.6	24.11	21.28	90.1	92.3	-2.223	23.92	21.14	26.483	891.65	0
"2011-07-06	14:00:00"	12.76	145.3	25.7	28.43	10.49	148	26.4	25.45	91.7	94	-2.334	22.56	19.75	26.467	870.44	0
"2011-07-06	15:00:00"	12.53	133.4	24.51	21.87	10.24	134.5	28.03	20.09	92.4	94.8	-2.371	22.09	19.41	26.451	767.54	0
"2011-07-06	16:00:00"	12.98	127.3	19.07	24.26	10.58	130.2	22	21.28	93	95.4	-2.411	21.97	19.21	26.433	660.55	0
"2011-07-06	17:00:00"	12.67	124.7	24.69	23.66	10.37	126.1	27.9	20.09	93.2	95.3	-2.067	21.43	18.78	26.417	592.24	0
"2011-07-06	18:00:00"	13.6	141.7	20.35	23.07	11.16	143.7	22.88	19.49	93.5	95.1	-1.61	21.35	18.87	26.399	389.35	0
"2011-07-06	19:00:00"	13.94	137.3	17.03	22.47	11.19	139.7	18.66	18.89	93.2	94.5	-1.324	21.62	19.28	26.389	312.88	0
"2011-07-06	20:00:00"	12.54	126.3	12.09	23.07	9.87	129	15.03	20.68	92.8	93.8	-0.959	21.1	18.94	26.39	139.32	0
"2011-07-06	21:00:00"	10.84	137.6	10.26	18.89	8.38	140.5	12.31	15.91	91.4	91.5	-0.078	21.17	19.49	26.389	39.001	0
"2011-07-06	22:00:00"	8.51	127.2	6.652	11.74	5.624	127.8	10.25	8.75	87.7	87.1	0.583	23.16	21.86	26.4	0.57607	0
"2011-07-06	23:00:00"	8.99	124.1	6.508	11.74	5.731	123.2	11	9.35	84.6	83.9	0.656	25.12	23.96	26.415	0	0
"2011-07-07	00:00:00"	8.86	133.6	7.302	12.33	5.914	131.9	10.02	9.35	82.8	82	0.846	26.37	25.35	26.427	0	0
"2011-07-07	01:00:00"	9.38	129.5	7.827	12.93	6.07	127.7	11.39	9.95	80.5	79.69	0.836	28.75	27.76	26.429	0	0
"2011-07-07	02:00:00"	10.58	143.4	12.91	15.31	7.772	144.1	14.94	13.52	79.82	79.2	0.611	31	29.93	26.428	0	0
"2011-07-07	03:00:00"	9.19	172.8	8.23	12.33	7.106	173	8.64	11.14	78.49	78.01	0.478	34.43	33.32	26.429	0	0
"2011-07-07	04:00:00"	9.81	175.3	6.016	12.93	7.413	174.4	7.608	10.54	76.8	76.23	0.57	37.37	36.41	26.428	0	0
"2011-07-07	05:00:00"	9.69	180.5	7.758	15.31	7.544	179	8.56	11.74	75.54	74.98	0.564	39.81	38.86	26.43	0	0
"2011-07-07	06:00:00"	7.462	186.6	9.23	11.74	5.646	187.9	11.61	9.95	74.47	73.88	0.597	41.67	40.66	26.437	0	0
"2011-07-07	07:00:00"	5.935	191.3	9.53	9.35	4.194	194.8	12.54	6.964	72.85	72.21	0.642	43.9	42.98	26.445	1.2641	0
"2011-07-07	08:00:00"	6.677	186.5	10.04	9.95	5.109	186.4	11.79	8.75	73.16	72.75	0.415	44.17	43.24	26.448	67.711	0
"2011-07-07	09:00:00"	10.43	189.2	9.37	19.49	8.68	190.9	12.08	17.1	77.09	77.43	-0.339	40.26	38.57	26.453	225.61	0
"2011-07-07	10:00:00"	11.91	201.4	12.37	17.1	9.84	204	15.38	15.31	81.7	82.7	-0.956	35.45	33.28	26.455	413.48	0
"2011-07-07	11:00:00"	11.48	205.2	14.81	17.1	9.47	207.9	18.69	15.91	85.6	87.1	-1.504	31.19	28.62	26.453	602.05	0
"2011-07-07	12:00:00"	8.5	199.5	28.94	15.91	7.266	201.6	32.95	14.12	88.1	89.7	-1.585	29.48	26.85	26.444	766.74	0
"2011-07-07	13:00:00"	8.88	186.8	37.05	18.3	7.537	189.5	38.91	16.51	90.1	92.2	-2.075	26.49	23.65	26.43	880.76	0
"2011-07-07	14:00:00"	7.026	177.2	56.34	18.3	5.936	174.2	56.45	15.31	92.1	94.3	-2.255	23.2	20.39	26.413	940.12	0
"2011-07-07	15:00:00"	8.1	136.5	56.68	20.09	6.818	137.6	55.02	17.1	93.3	95.5	-2.183	21.36	18.66	26.391	927.59	0
"2011-07-07	16:00:00"	9.07	161.3	39.5	20.68	7.689	162.5	43.62	20.68	94.5	96.6	-2.094	20.86	18.22	26.366	880.37	0
"2011-07-07	17:00:00"	9.19	156.2	55.77	24.26	7.847	157.9	59.26	20.09	95.6	97.6	-1.979	19.59	17.03	26.346	792.74	0
"2011-07-07	18:00:00"	8.59	140.6	45.59	18.3	7.111	142.2	46.67	15.31	96.2	98.2	-1.946	18.82	16.29	26.33	604.9	0
"2011-07-07	19:00:00"	9.64	130.3	26.5	18.89	7.943	134.2	28.35	17.1	96.2	97.6	-1.481	18.74	16.41	26.317	354.84	0
"2011-07-07	20:00:00"	10.68	126.8	23.29	20.09	8.59	128.9	27.09	18.89	95.7	97	-1.232	19.02	16.77	26.316	207.8	0
"2011-07-07	21:00:00"	11.29	141.8	9.77	18.89	8.88	144.4	11.94	15.31	94.3	94.6	-0.357	20.14	18.26	26.32	53.937	0
"2011-07-07	22:00:00"	8.41	137.9	6.995	12.33	5.926	138.8	9.68	10.54	90.4	89.9	0.428	22.78	21.33	26.33	0.60782	0
"2011-07-07	23:00:00"	8.66	148.8	6.848	11.74	6.106	151.5	7.019	8.75	88	87.3	0.679	24.37	23.15	26.341	0	0
"2011-07-08	00:00:00"	8.13	150.8	6.857	11.74	5.861	153.3	6.608	9.35	85	84.4	0.574	26.46	25.27	26.354	0	0
"2011-07-08	01:00:00"	10.33	155.8	8.37	15.91	8.06	156.8	8.16	13.52	84.2	83.8	0.444	27.1	25.89	26.358	0	0
"2011-07-08	02:00:00"	10.23	165	8.99	16.51	7.998	165.1	9.01	11.74	82.9	82.4	0.56	28.32	27.17	26.363	0	0
"2011-07-08	03:00:00"	11.26	174.8	7.091	16.51	8.87	174.5	8.23	12.33	79.82	79.41	0.411	32.6	31.4	26.366	0	0
"2011-07-08	04:00:00"	9.84	180.7	8.97	14.72	7.735	180.1	10.59	11.74	77.49	77.05	0.438	36	34.91	26.361	0	0
"2011-07-08	05:00:00"	8.48	191.3	9.15	13.52	6.646	195.8	11.84	11.14	75.21	74.81	0.399	39.2	38.06	26.359	0	0
"2011-07-08	06:00:00"	7.116	193.8	10.54	10.54	5.304	195.4	13.61	8.16	74.06	73.53	0.532	41.77	40.57	26.363	0	0
"2011-07-08	07:00:00"	8.19	185.7	8.72	12.93	6.341	185.2	10.42	11.14	74.36	73.77	0.598	42.96	41.96	26.364	0.92322	0
"2011-07-08	08:00:00"	8.92	182.7	8.24	14.72	7.175	181.1	8.92	12.33	75.63	75.22	0.412	42.63	41.67	26.367	63.796	0
"2011-07-08	09:00:00"	8.32	197.6	10.1	13.52	6.971	199.5	12.97	12.33	78.55	78.92	-0.376	39.81	38.04	26.376	220.08	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-08	10:00:00"	8.61	208.6	14.86	12.93	7.207	211.1	17.42	11.74	82.9	83.8	-0.939	35.6	33.41	26.379	406.75	0
"2011-07-08	11:00:00"	7.248	217.4	16.47	11.14	6.273	220.2	19.79	9.95	87	88.3	-1.295	31.6	29.13	26.377	597.5	0
"2011-07-08	12:00:00"	7.794	185.1	31.77	15.91	6.618	186	36.27	13.52	89.8	91.3	-1.529	27.29	24.81	26.371	764.14	0
"2011-07-08	13:00:00"	9.96	155.5	28.98	23.66	8.27	156.9	30.26	21.28	92.5	94.5	-2.026	21.84	19.27	26.361	885.84	0
"2011-07-08	14:00:00"	11.51	146.6	23.29	22.47	9.58	148	24.88	20.68	94.2	96.6	-2.366	19.21	16.61	26.349	944.96	0
"2011-07-08	15:00:00"	11.78	135.6	25.42	21.87	9.78	137.9	27.79	20.09	95.7	98.4	-2.644	18.81	16.12	26.328	916.65	0
"2011-07-08	16:00:00"	13.21	144.8	25.49	24.26	10.86	146.9	27.02	20.68	96.8	99.3	-2.473	18.8	16.14	26.31	840.21	0
"2011-07-08	17:00:00"	13.69	148.3	28.2	31.42	11.4	150.1	30.07	27.84	97.1	99.1	-2.007	19.1	16.55	26.3	630.82	0
"2011-07-08	18:00:00"	12.9	151.6	26.5	22.47	10.65	154.3	28.09	20.09	97.3	99.1	-1.782	18.99	16.52	26.285	568.73	0
"2011-07-08	19:00:00"	14.52	150.9	21.88	27.84	11.97	152.7	22.67	23.07	97.2	98.8	-1.578	19.85	17.42	26.276	408.95	0
"2011-07-08	20:00:00"	12.55	158.5	16.92	22.47	10.32	160.4	17.36	18.3	96.2	97.1	-0.868	21.3	19.16	26.276	204.51	0
"2011-07-08	21:00:00"	13.51	149.7	9.7	21.28	10.87	153	10.48	18.3	94.8	95	-0.256	22.69	20.87	26.282	52.291	0
"2011-07-08	22:00:00"	9.67	155.9	8.64	14.72	7.722	157.1	7.971	11.74	91.6	91.4	0.189	25.2	23.66	26.291	0.54243	0
"2011-07-08	23:00:00"	8.85	163	9.69	12.93	6.979	163.3	9.61	11.14	88.6	88.3	0.33	27.76	26.4	26.306	0	0
"2011-07-09	00:00:00"	8.96	176.7	7.75	13.52	6.971	175	7.956	12.33	86.1	85.6	0.463	30.47	29.22	26.325	0	0
"2011-07-09	01:00:00"	10.31	181.3	8.64	14.72	8.18	181.2	10.34	12.33	84.2	83.8	0.427	32.8	31.59	26.331	0	0
"2011-07-09	02:00:00"	10.33	182.1	9.42	15.31	8.21	182.2	11.54	15.31	82	81.6	0.393	35.36	34.19	26.335	0	0
"2011-07-09	03:00:00"	8.66	191.3	7.426	14.12	6.705	194.6	9.36	11.74	79.19	78.8	0.39	38.42	37.29	26.339	0	0
"2011-07-09	04:00:00"	9.45	191.2	9.57	15.91	7.641	194	12.27	13.52	78.68	78.36	0.322	39.72	38.55	26.334	0	0
"2011-07-09	05:00:00"	6.443	221.9	18.22	10.54	4.71	227.4	20.99	7.561	77.42	76.92	0.5	40.6	39.51	26.338	0	0
"2011-07-09	06:00:00"	5.705	245.5	9.88	8.16	4.012	254.4	10.09	5.771	76.44	75.63	0.807	41.5	40.67	26.342	0	0
"2011-07-09	07:00:00"	5.343	234.7	21.55	8.16	3.543	241.1	23.95	6.368	76.52	75.55	0.961	40.84	40.32	26.349	0.9752	0
"2011-07-09	08:00:00"	5.124	229.6	16.9	7.561	3.632	236.8	19.16	5.771	75.6	75.23	0.37	41.86	40.71	26.351	61.905	0
"2011-07-09	09:00:00"	5.653	222.8	12.58	8.75	4.734	222.9	15.16	8.75	77.39	77.71	-0.314	39.76	38.05	26.364	216.39	0
"2011-07-09	10:00:00"	10.31	201	16.29	17.7	8.58	201.9	18.63	15.91	81.2	82.2	-0.972	35.15	32.94	26.372	411.57	0
"2011-07-09	11:00:00"	11.01	193.8	16.85	17.1	9.26	194.5	20.68	15.91	84.2	85.7	-1.504	32.55	29.93	26.37	601.32	0
"2011-07-09	12:00:00"	9.64	184.4	20.91	18.89	8.14	185	23.78	15.91	87	88.8	-1.775	30.41	27.62	26.37	760.86	0
"2011-07-09	13:00:00"	11.93	170.9	18.05	22.47	10.04	172.6	19	20.68	89.7	91.8	-2.077	28.07	25.18	26.367	876.6	0
"2011-07-09	14:00:00"	13.45	172	25.18	25.45	11.33	173.8	26.06	21.87	92	94.5	-2.519	26.09	22.97	26.359	932.19	0
"2011-07-09	15:00:00"	13.95	163.5	21.57	26.05	11.73	165.9	23.36	23.66	93.7	96.1	-2.332	24.16	21.2	26.346	912.7	0
"2011-07-09	16:00:00"	14.44	161.9	19.29	27.24	12.07	163.4	20.65	21.87	95	97.3	-2.28	23.5	20.58	26.331	860.4	0
"2011-07-09	17:00:00"	14.2	158.4	21.65	27.84	11.72	160.6	22.96	22.47	95.8	98.1	-2.238	22.81	19.93	26.313	749.45	0
"2011-07-09	18:00:00"	15.84	134.3	18.72	26.05	12.81	136.3	21.02	23.66	96.4	98.7	-2.269	21.19	18.37	26.301	585.13	0
"2011-07-09	19:00:00"	16.31	145.4	15.22	26.05	13.19	148.1	16.29	22.47	96.1	97.7	-1.549	22.3	19.77	26.291	378.01	0
"2011-07-09	20:00:00"	17.49	146.4	11.02	27.24	14.04	148.9	11.51	23.66	95.1	96.1	-0.985	23.45	21.2	26.284	202.57	0
"2011-07-09	21:00:00"	15.62	149	11.45	26.65	12.47	152.1	11.78	23.07	93.6	93.9	-0.257	24.28	22.45	26.297	53.4	0
"2011-07-09	22:00:00"	12.37	152.5	8.43	20.68	9.9	154.7	8.43	16.51	91	90.9	0.13	26.36	24.82	26.313	0.50452	0
"2011-07-09	23:00:00"	8.39	151.8	7.564	12.33	6.288	153.2	7.865	10.54	87.9	87.5	0.404	28.6	27.3	26.339	0	0
"2011-07-10	00:00:00"	7.514	167.8	8.66	14.72	6.987	167.7	8.73	13.52	85.4	84.9	0.419	30.4	29.17	26.361	0	0
"2011-07-10	01:00:00"	9.56	181.1	8.48	14.72	7.54	181.3	11.02	12.93	83.1	82.7	0.413	30.95	29.78	26.371	0	0
"2011-07-10	02:00:00"	9.98	187.9	9.52	15.91	8.06	189	11.52	13.52	79.91	79.54	0.371	33.66	32.51	26.373	0	0
"2011-07-10	03:00:00"	6.783	197.6	12.98	13.52	5.918	202	16.74	12.33	78.97	78.63	0.349	35.27	34.1	26.378	0	0
"2011-07-10	04:00:00"	6.728	203.8	15.07	12.93	5.09	207.1	18.24	9.95	77.39	76.99	0.397	38.56	37.28	26.374	0	0
"2011-07-10	05:00:00"	7.215	196.9	14.01	12.33	5.409	199.2	16.44	10.54	76.11	75.67	0.44	43.47	42.13	26.371	0	0
"2011-07-10	06:00:00"	5.927	172.1	16.96	9.95	3.914	171.1	17.81	6.964	75.4	74.61	0.788	45.5	44.5	26.371	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-10	07:00:00"	5.107	143.4	13.66	7.561	2.994	119.8	33.36	6.368	74.19	73.09	1.095	47.32	46.57	26.382	1.0429	0
"2011-07-10	08:00:00"	6.598	144.3	9.43	11.74	4.594	140.2	13.86	9.35	73.74	73.38	0.36	47.97	46.76	26.392	64.745	0
"2011-07-10	09:00:00"	12.14	172.9	11.7	22.47	10	172.8	12.93	18.89	76.85	77.23	-0.383	45.99	43.86	26.398	225.19	0
"2011-07-10	10:00:00"	15.6	174.9	10.93	21.87	12.9	174.6	12.08	18.89	79.71	80.7	-0.958	47.06	44.12	26.401	415.34	0
"2011-07-10	11:00:00"	14	172	12.84	21.28	11.6	172.6	13.77	18.89	83	84.5	-1.547	41.75	38.45	26.403	607.49	0
"2011-07-10	12:00:00"	13.81	164.4	16.41	28.43	11.58	165.6	17.26	23.07	85.8	87.8	-1.921	35.01	31.91	26.401	773.07	0
"2011-07-10	13:00:00"	14.5	151.4	17.82	24.26	11.87	153.8	18.39	21.87	87.7	90.2	-2.526	33.1	29.56	26.401	884.88	0
"2011-07-10	14:00:00"	14.58	149.2	21.89	25.45	11.92	152.1	22.81	21.87	89.1	91.8	-2.681	32.06	28.44	26.39	939.43	0
"2011-07-10	15:00:00"	14.84	141	23.2	25.45	12.16	143.5	24.98	21.87	90.5	93.2	-2.72	31.34	27.72	26.371	870.98	0
"2011-07-10	16:00:00"	14.28	152	22.21	25.45	11.83	154.6	22.35	22.47	91.2	93.6	-2.319	30.18	26.88	26.356	734.24	0
"2011-07-10	17:00:00"	14.62	144.1	18.37	27.24	11.93	147.3	19.76	21.28	91.8	94.2	-2.376	28.44	25.21	26.342	657.6	0
"2011-07-10	18:00:00"	15.32	140.7	15.75	27.24	12.37	142.7	17.31	22.47	92.1	94.4	-2.3	29.01	25.79	26.335	541.18	0
"2011-07-10	19:00:00"	15.67	140.6	16.56	23.66	12.69	142.8	18.02	21.28	91.9	93.8	-1.838	28.53	25.63	26.317	382.91	0
"2011-07-10	20:00:00"	16.11	137.1	10.04	23.66	12.83	140.3	12.19	20.09	91.7	93	-1.357	27.3	24.75	26.316	216.96	0
"2011-07-10	21:00:00"	16.04	144.9	10.42	24.26	12.78	148.3	11.52	20.09	90.3	90.7	-0.391	27.1	25.21	26.326	57.158	0
"2011-07-10	22:00:00"	13.8	153.2	9.63	23.07	11.14	155	9.45	20.09	87.8	87.7	0.081	27.49	25.97	26.341	0.63524	0
"2011-07-10	23:00:00"	10.29	162.5	9.97	18.89	8.35	163	10.09	15.31	85.1	84.9	0.22	28.05	26.66	26.363	0	0
"2011-07-11	00:00:00"	11.61	169.6	8.34	17.7	9.35	169.6	8.81	16.51	83.2	83	0.256	30.76	29.41	26.381	0	0
"2011-07-11	01:00:00"	9.33	171.2	7.515	12.93	7.451	171.5	8.51	12.33	80.6	80.3	0.276	35.14	33.85	26.389	0	0
"2011-07-11	02:00:00"	7.495	174.7	9.01	12.33	5.689	173.6	9.7	11.14	78.3	77.87	0.426	38.64	37.49	26.397	0	0
"2011-07-11	03:00:00"	6.908	162.6	10.49	11.14	5.022	160	10.1	9.35	77.47	76.89	0.58	41.31	40.1	26.398	0	0
"2011-07-11	04:00:00"	8.36	148.4	17.86	11.14	5.827	148.8	19.79	9.35	75.96	75.39	0.576	45.45	44.33	26.399	0	0
"2011-07-11	05:00:00"	9.43	125.9	7.749	15.31	6.394	125.5	11.68	11.14	73.92	73.73	0.194	48.46	46.94	26.407	0	0
"2011-07-11	06:00:00"	10.51	130.3	7.488	14.12	7.741	131.7	10.26	11.14	72.2	72.19	0.004	53.52	51.68	26.412	0	0
"2011-07-11	07:00:00"	10.27	124.9	7.629	14.72	7.485	126.6	11.12	11.14	71.37	71.53	-0.161	62.54	60.47	26.415	1.1302	0
"2011-07-11	08:00:00"	10.51	131.6	9.67	15.91	7.955	134.3	12.18	12.93	71.7	71.99	-0.289	68.05	66.06	26.424	64.917	0
"2011-07-11	09:00:00"	16.11	158.1	12.11	26.05	13.12	160.1	11.84	22.47	75.08	75.52	-0.436	66.55	64.46	26.429	223.3	0
"2011-07-11	10:00:00"	17.74	169.1	10.87	26.05	14.6	169.7	11.99	22.47	78.12	78.98	-0.854	61.21	58.39	26.435	399.53	0
"2011-07-11	11:00:00"	15.74	172.6	11.81	26.05	13.1	172.8	13.08	21.28	81.2	82.5	-1.338	54.76	51.45	26.431	584.32	0
"2011-07-11	12:00:00"	12.81	171.1	17.64	20.68	10.67	171.6	18.56	18.3	84	85.8	-1.801	47.71	43.73	26.424	719.5	0
"2011-07-11	13:00:00"	10.68	159	24.14	20.68	8.92	160.3	25.96	18.3	86.6	88.8	-2.217	41.17	37.24	26.414	883.81	0
"2011-07-11	14:00:00"	9.31	162.9	30.71	17.7	7.694	164.3	34.01	14.72	88.5	90.6	-2.087	36.56	33.29	26.397	767.41	0
"2011-07-11	15:00:00"	10.61	157.5	35.43	23.07	8.76	160.1	38.65	21.28	89.5	91.6	-2.081	34.43	31.23	26.38	644.33	0
"2011-07-11	16:00:00"	10.64	163.5	27.73	21.87	8.9	165.4	30.41	18.89	91.2	93.2	-2.013	30.55	27.52	26.362	696.14	0
"2011-07-11	17:00:00"	11.63	147	30.43	23.07	9.63	149.6	32.66	22.47	92.9	95.1	-2.272	27.84	24.7	26.34	727.95	0
"2011-07-11	18:00:00"	12.41	174.1	23.35	21.28	10.38	176.9	24.12	18.3	93.4	95.3	-1.929	26.45	23.6	26.324	597.18	0
"2011-07-11	19:00:00"	13.6	159.7	18.51	25.45	11.27	161.4	18.86	21.28	93.6	95	-1.426	26.57	24	26.308	334.09	0
"2011-07-11	20:00:00"	12.58	159.8	16.35	20.68	10.24	161.8	16.13	18.3	93.1	93.8	-0.72	26.67	24.58	26.315	129.99	0
"2011-07-11	21:00:00"	14.76	166.6	10.85	23.07	12.08	167.1	11.12	20.68	91.9	92	-0.15	28	26.29	26.322	28.96	0
"2011-07-11	22:00:00"	14.56	169.7	9.88	32.61	11.81	169.5	10.32	28.43	89.3	89.2	0.039	33.02	31.45	26.342	0.29665	0
"2011-07-11	23:00:00"	21.14	179.5	6.676	36.19	17.34	179.1	8.82	29.63	82.8	82.9	-0.105	49.15	47.21	26.366	0	0
"2011-07-12	00:00:00"	15.23	172.8	8.42	23.07	12.44	173.2	9.45	20.68	80.7	80.8	-0.027	53.21	51.51	26.389	0	0
"2011-07-12	01:00:00"	15.72	175.6	6.739	21.87	12.81	175.6	8.34	19.49	79.38	79.36	0.014	55.4	53.8	26.401	0	0
"2011-07-12	02:00:00"	12.43	166.2	9.61	18.3	10.17	166.8	9.85	16.51	78.56	78.55	0.017	54.72	53.17	26.397	0	0
"2011-07-12	03:00:00"	13.12	171.2	8.55	18.89	10.63	171.3	9.48	15.91	78.46	78.36	0.1	55.71	54.28	26.39	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-12	04:00:00"	12	170.3	8.71	18.3	9.8	170.7	9.19	15.31	78.02	77.88	0.144	57.29	55.97	26.382	0
"2011-07-12	05:00:00"	11.96	166.7	9	20.68	9.61	167.4	9.41	15.91	77.84	77.67	0.169	57.29	56.04	26.38	0
"2011-07-12	06:00:00"	13.94	163.9	9.95	19.49	11.23	164.2	10.33	16.51	77.6	77.44	0.163	57.08	55.82	26.386	0
"2011-07-12	07:00:00"	11.2	172.8	8.21	17.7	8.96	173.2	8.99	14.72	76.46	76.26	0.192	58.55	57.36	26.395	0.57752
"2011-07-12	08:00:00"	11.76	171.9	8.9	21.28	9.57	172.5	9.68	17.7	75.98	75.95	0.033	59.97	58.68	26.399	56.842
"2011-07-12	09:00:00"	18.24	174.8	8.62	26.05	14.87	174.5	9.95	23.07	77.74	78.1	-0.362	59.09	57.11	26.409	208.77
"2011-07-12	10:00:00"	17.29	179.1	8.62	24.26	14.28	178.8	10.39	21.28	80.4	81.3	-0.916	55.49	52.67	26.42	394.27
"2011-07-12	11:00:00"	14.42	185.5	13.31	21.28	11.88	186	16.31	18.89	83.8	85.3	-1.456	47.87	44.35	26.414	584.17
"2011-07-12	12:00:00"	12.23	197.3	18.24	20.68	10.22	197.8	20.71	18.3	86.7	88.7	-1.929	41.62	37.95	26.409	744.94
"2011-07-12	13:00:00"	11.76	198.5	18.3	21.28	9.9	198.6	20.82	18.89	88.9	91	-2.149	38.14	34.7	26.403	846.01
"2011-07-12	14:00:00"	11.89	203.1	29.47	21.87	9.88	205	31.63	20.68	91.2	93.6	-2.367	35.14	31.64	26.384	928.46
"2011-07-12	15:00:00"	11.42	185.4	24.88	22.47	9.51	187.7	27.62	20.09	92.3	94.8	-2.462	32.41	28.99	26.364	915.54
"2011-07-12	16:00:00"	10.77	176	36.1	20.68	8.97	177.2	37.9	15.91	93.6	95.7	-2.087	29.39	26.38	26.345	696.56
"2011-07-12	17:00:00"	11.42	196.9	22.57	24.86	9.48	198.4	24.29	21.87	94	95.9	-1.866	29.73	26.84	26.33	691.69
"2011-07-12	18:00:00"	15.76	178.3	24.75	33.8	12.99	180.3	25.18	27.24	92	93.5	-1.485	32.96	30.21	26.322	302.07
"2011-07-12	19:00:00"	21.55	162.3	10.83	37.38	17.73	163.8	11.17	32.61	86.5	87.6	-1.044	40.97	38.23	26.328	262.87
"2011-07-12	20:00:00"	13.28	158.1	12.25	27.84	10.95	159.1	12.32	24.26	82	82.9	-0.984	53.09	49.94	26.327	144.7
"2011-07-12	21:00:00"	11.88	157.1	13.17	19.49	9.64	158.7	13.37	17.7	82	82.6	-0.59	51.42	48.86	26.355	25.536
"2011-07-12	22:00:00"	7.82	166.8	19	13.52	6.428	169.3	19.33	12.93	80.8	81	-0.26	54.47	52.56	26.362	0.19364
"2011-07-12	23:00:00"	7.529	116.2	9.71	11.14	5.51	115.4	12.47	8.16	79.54	80.3	-0.745	56.1	53.23	26.375	0
"2011-07-13	00:00:00"	9.6	116.5	8.55	14.12	7.268	117.4	12.04	11.14	77.95	78.56	-0.602	59.56	56.91	26.378	0
"2011-07-13	01:00:00"	9.64	140.4	8.8	13.52	7.411	142.8	10.21	11.74	78.63	78.89	-0.259	58.35	56.41	26.39	0
"2011-07-13	02:00:00"	8.65	118.9	23.95	13.52	6.706	120.4	26.09	9.95	77.3	77.62	-0.327	63.69	61.92	26.396	0
"2011-07-13	03:00:00"	7.874	70.31	13.17	11.14	5.887	70.1	14.21	9.35	75.29	75.46	-0.167	69.74	67.97	26.395	0
"2011-07-13	04:00:00"	7.729	66.86	16.38	13.52	5.898	66.35	17.14	9.95	74.39	74.55	-0.16	73.02	71.35	26.387	0
"2011-07-13	05:00:00"	7.53	82.7	7.33	9.35	5.221	79.43	9.2	8.16	72.71	72.91	-0.194	73.61	71.83	26.383	0
"2011-07-13	06:00:00"	7.633	101.9	11.39	9.95	5.103	97	13.52	6.964	72.14	72.47	-0.328	75.24	72.98	26.378	0
"2011-07-13	07:00:00"	5.953	127.1	17.79	9.35	3.785	119.6	24.69	6.964	72.66	73.07	-0.409	72.32	70.14	26.377	0.70295
"2011-07-13	08:00:00"	4.511	151.5	14.78	8.75	3.264	148.1	18.41	6.368	73.71	73.62	0.089	67.13	66.25	26.383	26.356
"2011-07-13	09:00:00"	10.32	174.9	10.25	17.1	8.44	174.6	11.05	14.72	76	76.19	-0.189	60.97	59.45	26.387	93.275
"2011-07-13	10:00:00"	14.47	182.3	8.3	20.68	11.92	182.7	10.55	18.89	78.45	78.87	-0.414	56.74	54.8	26.397	179.18
"2011-07-13	11:00:00"	13.37	188.5	13.85	21.28	10.98	189.8	16.57	18.3	82.8	84.1	-1.366	49.54	46.16	26.395	537.65
"2011-07-13	12:00:00"	9.05	178.8	19.93	17.7	7.656	180.3	21	14.72	86.1	87.7	-1.685	44.03	40.27	26.388	754.63
"2011-07-13	13:00:00"	7.448	189	44.17	14.72	6.378	190.5	46.44	12.93	88.5	90.5	-1.921	38.73	35.43	26.38	868.71
"2011-07-13	14:00:00"	7.532	174.1	43.48	17.7	6.435	174.8	45.81	15.31	91.3	93.2	-1.907	34.4	31.29	26.36	935.24
"2011-07-13	15:00:00"	10.37	162.8	38.68	20.68	8.69	164.1	42.38	20.09	93	95.3	-2.244	30.9	27.68	26.338	833.77
"2011-07-13	16:00:00"	12.06	170.9	26.34	24.26	10.03	172.4	28.51	18.89	94.4	96.9	-2.523	29.45	26.06	26.316	923.86
"2011-07-13	17:00:00"	12.09	174.3	21.62	24.86	10.1	175.5	24.13	21.28	96	98	-2.033	28.82	25.81	26.286	739.78
"2011-07-13	18:00:00"	14.86	159.5	19.15	23.66	12.29	161.2	20.11	20.09	96	97.8	-1.774	28.76	25.89	26.269	402.13
"2011-07-13	19:00:00"	14.32	166	20.71	24.26	11.87	167.5	21.05	21.28	96.1	97.4	-1.375	28.21	25.66	26.253	331.68
"2011-07-13	20:00:00"	10.13	186	19.04	19.49	8.37	187.8	20.76	17.1	95.4	95.9	-0.498	27.29	25.33	26.255	58.111
"2011-07-13	21:00:00"	20.67	342.3	37.65	37.38	15.4	341.2	37.96	30.22	82.4	82.8	-0.36	51.38	49.4	26.292	3.6166
"2011-07-13	22:00:00"	13.62	346.3	19.15	21.87	9.77	345.2	20.02	17.7	76.62	76.21	0.414	67.22	68.67	26.327	0.0001
"2011-07-13	23:00:00"	6.851	343.7	22.41	11.74	4.693	342.2	22.96	9.95	75.6	75.36	0.24	70.95	71.43	26.362	0
"2011-07-14	00:00:00"	4.922	15.55	28.89	6.964	3.563	17.34	32.21	6.368	75.6	75.63	-0.029	70.26	69.83	26.366	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-14	01:00:00"	5.787	66.34	12.32	9.35	4.308	65.53	14.24	6.964	75.22	75.85	-0.626	69.25	66.77	26.358	0
"2011-07-14	02:00:00"	6.626	57.73	7.437	8.75	4.868	59.07	10.2	6.964	74.13	74.32	-0.189	71.13	69.35	26.365	0
"2011-07-14	03:00:00"	5.682	42.9	18.84	8.16	3.854	41.18	25.82	6.368	73.46	72.61	0.859	72.2	72.4	26.363	0
"2011-07-14	04:00:00"	5.624	346.9	24.05	8.16	3.141	345.7	19.99	5.771	72.46	70.76	1.7	75.27	77.6	26.363	0
"2011-07-14	05:00:00"	7.055	319.9	8.5	11.14	3.67	325.6	12.3	7.561	72.29	70.65	1.64	77.9	80.7	26.363	0
"2011-07-14	06:00:00"	6.478	322.5	10.89	9.95	3.532	326.4	18.71	7.561	70.78	69.79	0.995	79.43	80.9	26.36	0
"2011-07-14	07:00:00"	6.882	350.1	23.87	10.54	4.357	353.2	27.21	7.561	70.63	69.27	1.36	75.54	77.97	26.355	0.8934
"2011-07-14	08:00:00"	3.152	19.67	25.12	5.175	2.519	15.72	27.93	4.578	73.04	70.16	2.874	66.87	75.06	26.354	71.994
"2011-07-14	09:00:00"	6.337	107.1	18.69	12.33	5.219	107	21.6	11.74	76.91	78.19	-1.275	57.08	53.97	26.352	237.48
"2011-07-14	10:00:00"	8.81	121	16.12	14.72	7.173	122.5	20.09	12.33	79.79	81.2	-1.369	49.29	45.93	26.354	421.55
"2011-07-14	11:00:00"	4.972	153.1	38.59	9.95	4.189	157.7	39.85	8.75	82.2	83.5	-1.253	45.07	41.88	26.355	592.29
"2011-07-14	12:00:00"	5.841	111.1	36.08	11.74	4.943	110.6	41.94	10.54	85.4	87.4	-1.934	39.06	35.76	26.346	771.98
"2011-07-14	13:00:00"	7.495	153.6	35.66	15.91	6.362	157.4	39.62	14.12	88.6	90.6	-2.031	33.9	30.74	26.333	883.08
"2011-07-14	14:00:00"	7.524	136.9	47.24	18.89	6.324	140.2	49.53	21.87	91.2	93.6	-2.37	32.51	29.15	26.312	932.17
"2011-07-14	15:00:00"	8.21	161.3	57.32	18.89	7.032	163.1	60.85	15.31	92.8	95.2	-2.4	32.07	28.7	26.289	915.1
"2011-07-14	16:00:00"	8.81	169.2	56.11	22.47	7.394	171.7	58.11	18.3	94.6	96.8	-2.266	30.18	26.98	26.268	911.57
"2011-07-14	17:00:00"	9.59	191.7	38.44	19.49	8.14	194	41.74	16.51	95.8	97.9	-2.008	28.07	25.12	26.252	636.8
"2011-07-14	18:00:00"	9.46	189.3	28	18.3	8	190	31.2	15.91	96.1	97.6	-1.515	27.01	24.39	26.236	437.14
"2011-07-14	19:00:00"	9.23	149.1	28.24	17.1	7.59	149.7	30.58	14.12	96.2	97.6	-1.44	26.07	23.5	26.22	285.82
"2011-07-14	20:00:00"	12.74	141.8	12.84	22.47	10.21	144.1	13.91	18.89	96.3	97.6	-1.345	26.71	24.18	26.218	207.18
"2011-07-14	21:00:00"	10.62	154.6	10.9	17.1	8.72	156.3	10.93	15.31	95.1	95.5	-0.332	27.23	25.36	26.234	37.597
"2011-07-14	22:00:00"	11.5	169.2	27.56	21.87	9.42	170.7	27.77	18.3	92.7	92.7	0.01	29.11	27.51	26.255	0.1961
"2011-07-14	23:00:00"	8.74	228.3	33.95	14.72	6.657	232.4	36.2	12.93	90.1	89.9	0.173	32.21	31.2	26.291	0
"2011-07-15	00:00:00"	8.92	207.9	46.63	17.1	6.584	207	49.68	14.72	87.3	86.8	0.496	35.06	34.31	26.305	0
"2011-07-15	01:00:00"	10.25	173.6	6.985	14.12	8.12	172.8	8.63	12.93	85.6	85.3	0.295	33.93	32.69	26.305	0
"2011-07-15	02:00:00"	11.17	174.2	8.12	15.91	8.91	174.5	9.29	14.12	83.6	83.3	0.271	35.44	34.21	26.305	0
"2011-07-15	03:00:00"	10.3	178.1	7.496	14.12	8.2	177.3	8.86	11.74	81.9	81.6	0.31	37.73	36.55	26.303	0
"2011-07-15	04:00:00"	11.33	174.7	7.354	15.91	9	174	8.75	13.52	80.1	79.84	0.293	41.09	39.76	26.297	0
"2011-07-15	05:00:00"	8.1	193.5	13.31	14.12	6.369	195.6	15.32	11.14	78.18	77.89	0.293	45.34	43.99	26.304	0
"2011-07-15	06:00:00"	7.546	190.1	11.6	12.93	5.864	191.6	13.68	9.95	76.64	76.27	0.366	48.18	46.97	26.309	0
"2011-07-15	07:00:00"	7.113	181.6	8.36	9.95	5.274	181.1	10.2	8.16	75.83	75.34	0.483	50.23	49.21	26.321	0.9175
"2011-07-15	08:00:00"	6.932	177	10.23	11.14	5.404	176.5	11.49	9.35	75.31	75.13	0.184	52.3	50.96	26.334	67.496
"2011-07-15	09:00:00"	11.24	165.2	10.42	17.1	9.19	165.5	11.29	15.31	78.99	79.37	-0.389	48.97	46.93	26.341	241.05
"2011-07-15	10:00:00"	17.72	176.9	8.81	25.45	14.59	177.1	10.77	23.07	82.3	83.2	-0.836	43.88	41.42	26.34	443.71
"2011-07-15	11:00:00"	15.24	174.1	11.4	22.47	12.57	174.8	12.68	20.09	85.4	86.7	-1.386	38.74	36.24	26.336	628.69
"2011-07-15	12:00:00"	13.1	162.2	16.55	20.09	10.85	164	17.27	17.7	88.4	90.3	-1.975	32.44	29.59	26.334	789.68
"2011-07-15	13:00:00"	14.18	152.4	16.68	21.87	11.76	154.6	18.05	20.09	90.2	92.6	-2.357	29.19	26.06	26.33	903.14
"2011-07-15	14:00:00"	13.31	146.6	20.38	24.26	10.88	148.7	21.3	22.47	92.2	95	-2.77	27.64	24.27	26.32	956.67
"2011-07-15	15:00:00"	11.71	142.4	23.43	22.47	9.77	144.7	25.93	20.09	93.8	96.5	-2.674	24.84	21.63	26.306	936.14
"2011-07-15	16:00:00"	11.65	159.6	25.52	24.26	9.87	161.6	28.03	23.66	94.9	97.4	-2.415	23.98	20.97	26.288	892.9
"2011-07-15	17:00:00"	12.6	147.8	29.39	23.66	10.4	150.7	31.18	20.09	96.1	98.6	-2.439	23.22	20.22	26.268	770.01
"2011-07-15	18:00:00"	12.47	144.3	16.34	22.47	10.35	147	18.83	20.09	96.9	99.1	-2.198	21.79	18.95	26.258	604.13
"2011-07-15	19:00:00"	13.83	140.4	18.77	23.07	11.22	143.1	20.12	20.09	96.8	98.7	-1.891	21.6	18.91	26.251	395.87
"2011-07-15	20:00:00"	12.19	135.4	16.57	18.89	9.71	137.9	18.81	15.91	96	97.2	-1.276	22.54	20.14	26.251	228.38
"2011-07-15	21:00:00"	11.19	138.9	10.61	18.3	8.85	142.1	12.64	15.31	94.7	95.2	-0.533	24.24	22.21	26.259	64.274

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2011-07-15	22:00:00"	9.61	138.8	6.55	13.52	7.196	140.6	8.51	11.74	91.6	91.4	0.165	25.91	24.35	26.276	0.38559	0
"2011-07-15	23:00:00"	8.42	130.4	6.545	11.14	5.425	129.8	9.2	8.16	87.5	87	0.499	29.25	27.89	26.299	0	0
"2011-07-16	00:00:00"	8.59	132.7	6.258	11.74	5.316	129.6	8.92	8.16	85.4	84.6	0.794	31.6	30.54	26.314	0	0
"2011-07-16	01:00:00"	8.94	142.9	8.09	12.33	6.232	142.6	11.07	9.35	84.5	83.8	0.716	32.65	31.68	26.319	0	0
"2011-07-16	02:00:00"	8.14	163.3	10.83	13.52	6.244	163.7	10.61	11.14	82.9	82.5	0.409	34.76	33.62	26.326	0	0
"2011-07-16	03:00:00"	7.973	178.4	7.605	11.74	6.028	178	8.43	9.35	81.2	80.7	0.48	37.01	35.96	26.327	0	0
"2011-07-16	04:00:00"	8.86	181.4	7.504	12.93	6.812	179.6	8.94	10.54	80.1	79.63	0.512	38.5	37.54	26.33	0	0
"2011-07-16	05:00:00"	7.838	177.3	10.55	11.74	5.854	176.6	12.49	9.35	79.54	78.95	0.587	39.56	38.69	26.335	0	0
"2011-07-16	06:00:00"	7.558	175.6	7.232	11.14	5.605	175.8	8.27	9.35	78.43	77.84	0.592	41.72	40.72	26.342	0	0
"2011-07-16	07:00:00"	6.931	170.6	8.33	10.54	4.936	170.8	9.85	9.35	77.14	76.52	0.62	43.8	42.9	26.353	0.80983	0
"2011-07-16	08:00:00"	7.863	170	9.06	12.33	6.076	169.9	9.61	8.75	76.81	76.55	0.258	45.46	44.16	26.366	63.099	0
"2011-07-16	09:00:00"	10.46	172.4	9.14	16.51	8.62	172.2	10.51	14.12	79.12	79.53	-0.414	43.43	41.3	26.377	229.76	0
"2011-07-16	10:00:00"	11.76	177.4	12.86	17.7	9.82	178.2	14.96	15.31	82.2	83.2	-1.005	39.94	37.48	26.391	410.22	0
"2011-07-16	11:00:00"	10.47	177.2	15.79	17.1	8.92	178.5	17.33	14.72	85.1	86.6	-1.44	36.75	34.02	26.396	604.68	0
"2011-07-16	12:00:00"	11.86	151.6	21.75	22.47	9.8	152.4	22.77	21.28	88.2	90.4	-2.124	33.36	30.16	26.397	764.2	0
"2011-07-16	13:00:00"	14.29	143.3	22.69	25.45	11.68	145.8	23.65	22.47	90.9	93.4	-2.558	31.02	27.57	26.39	861.97	0
"2011-07-16	14:00:00"	15.83	131.7	24.03	30.82	12.86	134.1	26.29	26.05	92.8	95.6	-2.856	29.13	25.55	26.378	902.03	0
"2011-07-16	15:00:00"	15.53	128.7	18.11	27.24	12.58	130.5	20.22	24.26	93.7	96.5	-2.854	27.94	24.44	26.371	807.76	0
"2011-07-16	16:00:00"	16.47	126.7	17.91	29.03	13.37	129.5	20.48	25.45	94.8	97.7	-2.899	26.63	23.13	26.357	770.5	0
"2011-07-16	17:00:00"	17.11	129.5	17.53	27.24	13.69	132.7	20.02	23.66	94.9	97.1	-2.254	26.79	23.68	26.343	468.64	0
"2011-07-16	18:00:00"	16.19	122.8	12.55	28.43	12.87	125.6	15.44	22.47	94.2	95.9	-1.708	28.28	25.48	26.342	290.06	0
"2011-07-16	19:00:00"	14.84	112.3	26.36	32.61	11.77	114.6	28.58	26.65	94.3	95.6	-1.329	27.84	25.42	26.329	265.52	0
"2011-07-16	20:00:00"	15.92	143.1	33.29	27.24	12.7	144.3	33.9	22.47	91.3	91.5	-0.238	32.57	31.16	26.329	55.783	0
"2011-07-16	21:00:00"	14.6	143.9	9.24	20.68	11.54	146.9	10.71	17.7	90.7	90.9	-0.189	31.62	29.9	26.34	25.381	0
"2011-07-16	22:00:00"	13.53	138.6	6.663	19.49	10.6	141.6	8.57	15.31	88.6	88.7	-0.063	34	32.37	26.355	0.54025	0
"2011-07-16	23:00:00"	12	134.4	7.732	17.1	9.17	136.3	10.22	13.52	86.3	86.3	0.022	35.41	33.89	26.375	0	0
"2011-07-17	00:00:00"	11.51	129.9	6.749	16.51	8.62	132.5	9.81	13.52	84.1	84.1	-0.054	37.96	36.38	26.4	0	0
"2011-07-17	01:00:00"	13.05	133.4	7.05	18.89	10.07	135.7	9.63	15.31	83.2	83.3	-0.111	39.45	37.87	26.417	0	0
"2011-07-17	02:00:00"	9.81	131.8	8.23	14.72	7.211	132.9	11.29	12.93	81	80.9	0.091	40.49	38.98	26.427	0	0
"2011-07-17	03:00:00"	7.809	131.2	7.494	10.54	5.274	130.2	9.93	7.561	78.49	78.22	0.271	43.32	41.94	26.431	0	0
"2011-07-17	04:00:00"	7.119	149.2	8.81	10.54	5.1	150.5	9.87	8.16	77.81	77.37	0.449	42.7	41.66	26.43	0	0
"2011-07-17	05:00:00"	6.519	161.6	9.08	9.95	4.961	161.8	9.15	8.16	77.15	76.78	0.369	43.57	42.35	26.433	0	0
"2011-07-17	06:00:00"	4.338	117.3	21.82	8.16	2.483	84.6	34.74	6.368	74.15	73.48	0.665	47.54	46.68	26.437	0	0
"2011-07-17	07:00:00"	6.601	161.5	15.68	11.14	4.777	157.6	23.17	8.75	74.95	74.6	0.358	46.53	45.35	26.449	0.58287	0
"2011-07-17	08:00:00"	4.985	115.3	23.08	6.964	2.723	96.3	29.95	5.175	73.19	72.82	0.365	49.07	47.88	26.462	57.479	0
"2011-07-17	09:00:00"	9.9	149	10.06	18.3	8.03	151.8	10.96	14.72	77.36	77.87	-0.511	45.26	42.99	26.478	221.51	0
"2011-07-17	10:00:00"	11.85	142.2	12.32	17.7	9.55	144.8	14.23	15.91	79.6	81	-1.403	46.43	42.85	26.495	412.78	0
"2011-07-17	11:00:00"	10.8	153.2	16.16	22.47	8.91	155.6	17.66	18.3	82.5	84.2	-1.726	44.52	40.74	26.506	601.78	0
"2011-07-17	12:00:00"	11.67	134	20.4	20.68	9.61	137.1	22.87	17.7	85.5	87.7	-2.204	38.17	34.64	26.512	715.4	0
"2011-07-17	13:00:00"	14.64	132.4	17.87	26.05	12.01	134.6	20.8	23.07	87.1	89.6	-2.516	36.44	32.71	26.509	699.06	0
"2011-07-17	14:00:00"	13.95	129.9	22.12	27.24	11.55	131.9	24.49	21.87	88.2	90.6	-2.401	35.27	31.63	26.502	635.35	0
"2011-07-17	15:00:00"	15.38	140	13.43	23.66	12.52	143.3	15.42	21.28	88.4	90.3	-1.862	35.26	32.11	26.493	362.38	0
"2011-07-17	16:00:00"	15.67	132.1	14.94	24.26	12.7	134.8	17.4	20.68	89.1	91.4	-2.278	34.9	31.45	26.484	564.71	0
"2011-07-17	17:00:00"	14.71	123.7	18.02	24.26	12.09	125.4	20.79	21.28	90.9	93.8	-2.867	32.89	29.06	26.47	823.72	0
"2011-07-17	18:00:00"	14.87	123.4	15.83	25.45	12.07	125.2	18.57	25.45	91.8	94	-2.206	31.92	28.61	26.45	476.44	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-17	19:00:00"	15.47	126.6	16	24.26	12.42	128.8	18.3	22.47	92.4	94.6	-2.185	30.86	27.6	26.438	440.71	0	
"2011-07-17	20:00:00"	14.29	120.8	10.4	23.07	11.13	122.4	13.55	19.49	91.5	92.7	-1.113	31.09	28.6	26.437	101.38	0	
"2011-07-17	21:00:00"	13.37	125.8	8.83	20.68	10.36	128.5	12.2	17.7	90.7	91.3	-0.577	31.02	28.96	26.443	37.931	0	
"2011-07-17	22:00:00"	8.51	115.3	9.14	13.52	6.256	114.5	12.46	12.93	88.6	89.1	-0.469	31.74	29.79	26.457	0.28554	0	
"2011-07-17	23:00:00"	7.568	99.5	7.406	11.74	5.03	95.5	8.41	9.35	84.9	85.5	-0.599	35.17	33.13	26.478	0	0	
"2011-07-18	00:00:00"	7.294	116.4	8.27	10.54	4.121	110.8	14.79	7.561	82	81.9	0.148	35.41	34.25	26.495	0	0	
"2011-07-18	01:00:00"	5.797	120.5	9.04	8.16	2.241	101	16.57	3.982	79.11	77.58	1.526	36.31	37.09	26.503	0	0	
"2011-07-18	02:00:00"	6.906	156.4	12.7	12.33	4.516	145.8	25.58	8.16	79.51	78.31	1.201	32.81	32.96	26.506	0	0	
"2011-07-18	03:00:00"	7.314	174.1	7.603	10.54	5.418	174.3	9.07	8.75	78.49	77.87	0.623	33.33	32.43	26.504	0	0	
"2011-07-18	04:00:00"	4.845	195	15.33	8.16	3.11	201.5	19.16	6.368	77.14	76.37	0.769	35.41	34.48	26.503	0	0	
"2011-07-18	05:00:00"	3.762	224.9	13.37	6.368	2.3	241.4	20.8	4.578	76.55	75.61	0.948	37.1	36.27	26.508	0	0	
"2011-07-18	06:00:00"	1.401	184.1	40.35	3.982	1.871	50.53	36.96	3.386	76.46	72.62	3.837	37.87	39.41	26.51	0	0	
"2011-07-18	07:00:00"	2.325	105.2	14.45	4.578	3.208	37.29	20.13	4.578	74.99	68.14	6.852	40.8	45.34	26.519	0.71691	0	
"2011-07-18	08:00:00"	3.393	83.9	15.52	5.175	2.284	24.62	28.43	4.578	72.81	68.93	3.881	44.75	46.69	26.529	62.236	0	
"2011-07-18	09:00:00"	5.654	137.2	40.01	12.93	4.696	134.9	46.6	11.74	76.97	77.96	-0.997	44.48	41.61	26.543	230.12	0	
"2011-07-18	10:00:00"	9.92	188.3	13.12	18.3	8.18	188.9	16.19	14.72	80.5	81.5	-1.006	45.65	42.78	26.556	418.35	0	
"2011-07-18	11:00:00"	9.8	180.7	21.66	17.7	8.18	181.8	24.89	15.31	83.1	84.6	-1.447	42.26	39.07	26.555	608.14	0	
"2011-07-18	12:00:00"	8.78	150.3	32.85	17.7	7.474	153.5	37.07	15.31	85.8	87.6	-1.849	35.97	32.98	26.55	772.25	0	
"2011-07-18	13:00:00"	12.2	140.5	20.88	22.47	9.99	142.6	22.16	20.09	88.6	91.1	-2.529	31.76	28.42	26.568	856.71	0	
"2011-07-18	14:00:00"	12.48	126.8	28.41	27.84	10.2	128.8	30.48	26.65	90	92.6	-2.677	30.1	26.64	26.548	817.85	0	
"2011-07-18	15:00:00"	10.97	125.8	28.98	20.09	9.08	127.8	33.32	17.1	91	93.5	-2.53	28.86	25.6	26.527	851.67	0	
"2011-07-18	16:00:00"	9.87	132.5	32.09	23.66	8.22	134.6	35.5	19.49	91.6	93.9	-2.27	28.5	25.47	26.506	745.4	0	
"2011-07-18	17:00:00"	9.33	134.9	29.85	17.1	7.708	136.2	30.93	15.31	92.6	94.7	-2.032	27.35	24.44	26.489	519.38	0	
"2011-07-18	18:00:00"	9.75	133.4	33.28	18.3	8.11	135.2	35.04	15.31	93.2	95.2	-1.928	27.14	24.29	26.472	491.9	0	
"2011-07-18	19:00:00"	9.48	130.8	21.97	17.7	7.837	132.8	23.68	15.31	93	94.6	-1.593	27.91	25.23	26.458	355.01	0	
"2011-07-18	20:00:00"	11.56	118.5	16.36	20.68	9.24	120.1	19.35	17.1	93	94.3	-1.295	27.65	25.15	26.446	177.31	0	
"2011-07-18	21:00:00"	7.823	120.6	16.76	14.12	5.98	121	21.26	11.14	92.1	92.9	-0.826	28.33	26.13	26.447	46.212	0	
"2011-07-18	22:00:00"	6.832	96.6	6.495	11.74	4.168	88	10.63	9.35	88.2	88.8	-0.616	31.84	29.64	26.455	0.36089	0	
"2011-07-18	23:00:00"	7.437	91.1	7.144	8.75	3.727	78.03	9.89	5.771	85.2	84.2	1.012	34.31	33.24	26.473	0	0	
"2011-07-19	00:00:00"	6.929	100	8.2	8.16	3.508	77.93	11.73	4.578	84.5	82.4	2.153	35.32	35.17	26.487	0	0	
"2011-07-19	01:00:00"	8.11	107.4	5.359	9.35	4.102	80.6	7.259	5.175	84.1	80.6	3.44	35.82	37.06	26.484	0	0	
"2011-07-19	02:00:00"	8.65	106.5	6.734	9.95	4.306	85.2	8.31	5.771	82.4	79.63	2.773	37.36	38.16	26.476	0	0	
"2011-07-19	03:00:00"	7.939	108	4.891	9.35	3.871	86.6	9.38	5.175	81.2	79.22	2.001	38.52	38.55	26.474	0	0	
"2011-07-19	04:00:00"	5.362	121.6	13.22	8.16	2.299	87.4	17.94	4.578	78.16	77.06	1.103	42.05	41.3	26.473	0	0	
"2011-07-19	05:00:00"	5.052	164.3	26.14	8.75	3.269	150.7	51.63	6.964	78.09	77.39	0.693	43.51	42.51	26.475	0	0	
"2011-07-19	06:00:00"	5.297	186	10.26	8.16	3.544	186.5	12.83	5.771	77.78	76.86	0.917	44.08	43.65	26.473	0	0	
"2011-07-19	07:00:00"	6.053	183.3	8.3	9.35	4.259	182.9	8.89	6.964	77.45	76.46	0.989	43.94	43.8	26.476	0.6058	0	
"2011-07-19	08:00:00"	6.205	188.4	10.98	9.35	4.569	192.2	14.93	6.964	77.81	77.23	0.572	42.9	42.41	26.486	58.487	0	
"2011-07-19	09:00:00"	5.561	197.9	17.26	8.75	4.639	200.4	19.48	7.561	79.97	80.3	-0.365	40.29	38.61	26.49	221.73	0	
"2011-07-19	10:00:00"	9.28	207.3	12.28	14.72	7.684	209.8	14.91	12.93	84.4	85.4	-0.974	35.51	33.3	26.492	411.87	0	
"2011-07-19	11:00:00"	7.017	229.1	21.17	11.74	6.108	231.4	25.08	11.14	87.7	89	-1.266	32	29.58	26.488	602.37	0	
"2011-07-19	12:00:00"	4.823	230.4	70.7	11.74	4.215	230.3	75.02	11.14	90.2	91.7	-1.468	30.55	27.97	26.476	770.21	0	
"2011-07-19	13:00:00"	8.35	137.2	33.77	15.91	6.996	138.7	36.63	14.12	92	93.9	-1.933	28.03	25.24	26.464	732.86	0	
"2011-07-19	14:00:00"	6.767	150.2	56.01	17.1	5.793	153.2	59.73	14.72	92.9	94.6	-1.747	27.29	24.58	26.444	636.36	0	
"2011-07-19	15:00:00"	7.762	155.3	40.66	18.89	6.646	157	43.76	15.91	94.2	96.3	-2.183	26.25	23.31	26.422	959.67	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2011-07-19	16:00:00"	7.999	143.8	54.72	22.47	6.783	147.9	55.58	19.49	95.2	97.3	-2.103	25.27	22.41	26.399	806.75	0
"2011-07-19	17:00:00"	8.09	148.5	47.66	18.89	6.724	152.1	50.13	15.31	95.4	97.3	-1.904	25.15	22.38	26.378	589.91	0
"2011-07-19	18:00:00"	10.31	163.1	32.37	18.89	8.72	165.1	32.52	17.1	96	97.9	-1.869	24.86	22.1	26.359	594.53	0
"2011-07-19	19:00:00"	10.46	133.5	23.18	17.7	8.51	135.5	26.42	15.31	95.4	96.7	-1.337	24.67	22.17	26.352	181.76	0
"2011-07-19	20:00:00"	8.53	137.5	21.58	14.12	6.975	140	23.88	12.33	95.2	96.2	-0.928	25.03	22.81	26.344	142.54	0
"2011-07-19	21:00:00"	10.36	145.5	14.14	18.89	8.25	148.1	15.01	16.51	94.1	94.3	-0.287	25.97	24.16	26.343	51.496	0
"2011-07-19	22:00:00"	9.23	145.1	6.672	15.91	6.997	147.8	8.11	12.93	90.6	90.5	0.159	28.65	27.14	26.351	0.26571	0
"2011-07-19	23:00:00"	10.35	158.3	15.36	21.87	7.896	161.1	14.32	18.89	87.9	87.5	0.396	31.79	30.52	26.364	0	0
"2011-07-20	00:00:00"	10.03	185.2	10.15	17.1	8.09	186.5	12.46	14.12	84.2	84	0.127	39.34	37.94	26.378	0	0
"2011-07-20	01:00:00"	6.95	196.1	7.63	9.95	5.364	200.1	10.44	7.561	81.3	81.1	0.218	42.85	41.32	26.382	0	0
"2011-07-20	02:00:00"	6.434	198.4	9.02	8.75	4.772	201.9	10.88	7.561	79.24	78.96	0.286	46.27	44.85	26.383	0	0
"2011-07-20	03:00:00"	9.56	178.8	11.81	15.91	7.687	179.3	12.83	13.52	78.18	77.95	0.237	48.45	47.14	26.376	0	0
"2011-07-20	04:00:00"	10.8	185.6	9.44	17.7	8.7	187.1	11.18	15.31	77.09	76.91	0.181	48.99	47.66	26.376	0	0
"2011-07-20	05:00:00"	9.54	176.8	8.93	13.52	7.636	177.3	10.18	11.14	76.04	75.82	0.219	50.28	49.01	26.375	0	0
"2011-07-20	06:00:00"	7.219	178.5	9.14	10.54	5.624	178.6	10.55	9.95	74.3	74.06	0.235	54.08	52.86	26.379	0	0
"2011-07-20	07:00:00"	7.643	167.7	10.18	11.14	5.94	169.4	10.9	8.75	73.33	73.15	0.189	56.47	55.3	26.383	0.50894	0
"2011-07-20	08:00:00"	7.298	169.1	10.23	11.74	5.823	169.9	10.56	9.95	73.38	73.35	0.039	56.19	54.94	26.392	34.127	0
"2011-07-20	09:00:00"	10.82	174.7	9.67	17.1	8.91	174.9	10.75	15.91	75.42	75.6	-0.172	52.68	51.1	26.403	112.36	0
"2011-07-20	10:00:00"	11.03	179.6	9.36	15.91	9.15	179.2	11.27	13.52	78.68	79.21	-0.531	50.93	48.85	26.407	250.71	0
"2011-07-20	11:00:00"	11.36	181.5	13.09	16.51	9.54	182.5	15.74	15.31	85.5	87	-1.513	41.72	38.69	26.399	675.48	0
"2011-07-20	12:00:00"	12.2	183.2	14.41	18.3	10.21	184.9	17.35	16.51	89.7	91.6	-1.945	34.16	31.19	26.389	771.95	0
"2011-07-20	13:00:00"	10.83	181.3	18.49	18.3	9.11	182.1	21.25	17.1	92.9	95	-2.114	28.41	25.48	26.379	934.8	0
"2011-07-20	14:00:00"	8.75	170.6	31.56	18.89	7.338	170.3	32.73	16.51	94.9	96.9	-2.045	24.99	22.13	26.363	749.72	0
"2011-07-20	15:00:00"	10.37	142.4	29.95	20.68	8.61	143.9	32.69	18.89	95.7	98.1	-2.382	23.56	20.61	26.344	831.94	0
"2011-07-20	16:00:00"	10.07	143.2	35.12	26.65	8.42	147.6	38.93	21.28	96	97.7	-1.661	23.62	21.01	26.323	448.08	0
"2011-07-20	17:00:00"	10.81	120.1	28.52	20.68	8.98	122.3	32.07	17.7	96.6	98.9	-2.31	23.26	20.3	26.305	711.25	0
"2011-07-20	18:00:00"	11.95	130.1	23.9	21.87	9.83	131.5	26.09	18.3	97.1	99.3	-2.149	23.01	20.14	26.29	501.84	0
"2011-07-20	19:00:00"	14.44	132.7	14.37	24.26	11.6	135.3	16.53	21.87	96.8	98.6	-1.841	23.05	20.32	26.28	333.72	0
"2011-07-20	20:00:00"	13.44	126	14.05	30.22	10.66	128.2	16.63	26.05	96	97.2	-1.175	23.46	21.09	26.283	175.8	0
"2011-07-20	21:00:00"	12.77	134	8.81	21.87	9.91	136.4	10.95	18.3	94.5	94.9	-0.4	23.85	21.92	26.287	46.339	0
"2011-07-20	22:00:00"	9.89	129.3	7.248	14.12	7.144	130.8	10.35	12.93	90.9	90.7	0.161	25.94	24.37	26.297	0.18087	0
"2011-07-20	23:00:00"	8.09	138.2	12.28	12.93	5.644	138.1	17.22	11.74	88.1	87.7	0.405	28.87	27.48	26.317	0	0
"2011-07-21	00:00:00"	7.03	146.7	10.74	9.35	4.92	147.4	12.53	8.16	85.7	85.1	0.637	31.82	30.64	26.338	0	0
"2011-07-21	01:00:00"	8.98	164.9	10.14	14.12	6.974	165.2	10.9	10.54	84.5	84	0.431	34.23	33.08	26.342	0	0
"2011-07-21	02:00:00"	10.52	172.9	7.196	15.91	8.26	173.3	8.75	13.52	82.5	82.1	0.32	37.86	36.66	26.344	0	0
"2011-07-21	03:00:00"	11.19	175.2	6.579	15.31	8.71	175.2	8.41	12.93	81.3	81	0.284	43.83	42.4	26.342	0	0
"2011-07-21	04:00:00"	13.17	178.7	7.749	20.09	10.63	179.1	9.18	17.7	80.7	80.5	0.211	48.46	47.08	26.34	0	0
"2011-07-21	05:00:00"	12.5	183.4	8.35	18.3	10.26	183.9	10.51	15.31	79.7	79.5	0.193	49.74	48.4	26.339	0	0
"2011-07-21	06:00:00"	7.866	187	9.75	12.33	6.236	187.7	11.95	10.54	77.91	77.62	0.289	51.7	50.54	26.348	0	0
"2011-07-21	07:00:00"	8.26	172.7	9.84	12.93	6.473	172.6	11.2	11.14	76.67	76.37	0.297	52.84	51.8	26.353	0.53875	0
"2011-07-21	08:00:00"	8.98	160.7	11.32	13.52	7.326	161	11.72	11.14	76.49	76.38	0.111	51.39	50.23	26.36	57.011	0
"2011-07-21	09:00:00"	13.8	170.2	11.15	26.65	11.39	171.1	12.91	24.86	78.67	78.96	-0.288	48.29	46.48	26.368	204.37	0
"2011-07-21	10:00:00"	15.72	177.5	10.1	22.47	13.05	178.5	11.76	19.49	81.2	82	-0.799	47.7	45.13	26.368	394.08	0
"2011-07-21	11:00:00"	12.86	177.2	13.19	20.09	10.81	179	14.92	17.1	84.3	85.6	-1.358	44.04	40.83	26.363	574.16	0
"2011-07-21	12:00:00"	12.33	162.7	15.01	20.09	10.29	165.5	15.8	17.1	87.8	89.5	-1.722	38.85	35.94	26.355	742.87	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-21	13:00:00"	12.1	148.3	22.2	23.07	9.97	150.4	23.32	18.89	90.4	92.6	-2.234	34.39	31.18	26.346	851.36	0	
"2011-07-21	14:00:00"	12.95	136.1	18.78	22.47	10.59	140.5	21.2	20.09	92.5	95.1	-2.601	30.43	27.14	26.333	890.95	0	
"2011-07-21	15:00:00"	10.91	132.9	28	21.87	8.92	136.9	32.9	18.3	93.7	96.2	-2.533	28.02	24.83	26.318	768.65	0.02	
"2011-07-21	16:00:00"	10.56	139.9	31.7	23.66	8.74	144	35.43	20.09	96.6	98.9	-2.308	25.51	22.49	26.305	809.16	0.03	
"2011-07-21	17:00:00"	11.82	127	26.92	21.87	9.58	129.4	29.74	18.3	94.9	97.3	-2.432	26.22	23.04	26.284	613.9	0	
"2011-07-21	18:00:00"	12.05	149.2	18.33	21.28	9.74	152.1	19.41	18.3	95	96.8	-1.767	26	23.29	26.27	382.1	0	
"2011-07-21	19:00:00"	14.63	138.3	13.22	24.86	11.59	141.7	14.98	21.28	95.1	96.9	-1.744	26.41	23.64	26.257	324.36	0	
"2011-07-21	20:00:00"	14.34	147	13.9	21.87	11.47	149.7	14.66	18.89	94.7	95.7	-1.004	26.91	24.62	26.258	211.14	0	
"2011-07-21	21:00:00"	14.48	142.6	7.924	22.47	11.12	145.1	10.16	18.89	92.9	93.2	-0.285	29.15	27.3	26.27	39.763	0	
"2011-07-21	22:00:00"	12.35	151.3	8.41	18.89	9.55	153.8	8.84	15.91	90.5	90.4	0.121	31.95	30.48	26.289	0.21219	0	
"2011-07-21	23:00:00"	11.58	155.2	8.57	16.51	9.29	156.8	8.52	14.12	88.5	88.3	0.189	34.41	33.08	26.312	0	0	
"2011-07-22	00:00:00"	11.1	162.1	9.02	16.51	9.04	162	8.83	14.12	86.4	86.2	0.253	36.18	34.98	26.327	0	0	
"2011-07-22	01:00:00"	15.32	172.7	7.201	24.26	12.3	172.8	8.79	20.68	85	84.8	0.295	38.15	37.01	26.345	0	0	
"2011-07-22	02:00:00"	16.89	173.3	7.48	23.66	13.61	173.1	9.11	20.09	83.2	83	0.21	42.67	41.28	26.353	0	0	
"2011-07-22	03:00:00"	15.71	174.5	6.756	22.47	12.73	174.7	8.56	18.89	81.3	81.1	0.197	47.39	46.03	26.356	0	0	
"2011-07-22	04:00:00"	12.77	173.2	7.137	18.89	10.37	174.1	8.86	15.91	79.71	79.51	0.208	50.51	49.24	26.353	0	0	
"2011-07-22	05:00:00"	9.92	173.4	7.669	15.31	7.948	174	8.95	11.74	78.23	77.97	0.257	53.38	52.26	26.353	0	0	
"2011-07-22	06:00:00"	6.549	161	11.71	9.95	4.837	161.2	12.31	8.75	76.98	76.67	0.314	55.69	54.66	26.365	0	0	
"2011-07-22	07:00:00"	8.21	137.5	7.767	11.74	5.761	138.5	10.94	8.75	76.03	75.74	0.292	57.32	56.16	26.37	0.40721	0	
"2011-07-22	08:00:00"	6.389	139.5	9.05	11.74	4.528	140.6	12.42	9.35	75.1	74.98	0.117	59.65	58.53	26.381	50.458	0	
"2011-07-22	09:00:00"	11.75	143.6	9.31	19.49	9.29	147	11.38	17.7	77.15	77.72	-0.566	59.37	57.11	26.387	210.67	0	
"2011-07-22	10:00:00"	12.84	158.4	13.17	20.68	10.92	159.1	13.73	17.7	78.83	79.67	-0.841	60.75	57.97	26.383	400.04	0	
"2011-07-22	11:00:00"	8.37	178.5	18.81	15.31	7.169	178.1	21.27	14.12	81.1	82.3	-1.244	57.5	54.06	26.383	585.45	0	
"2011-07-22	12:00:00"	9.65	139.3	24.75	19.49	8.2	141.7	26.88	17.7	83.9	85.7	-1.818	49.79	45.72	26.375	758.67	0	
"2011-07-22	13:00:00"	13.07	129.4	19.43	27.84	10.88	131.6	21	24.86	87.1	89.3	-2.168	41.89	38	26.366	859.17	0	
"2011-07-22	14:00:00"	12.69	141.9	26.56	23.66	10.72	142.9	26.44	20.68	89.3	91.5	-2.166	37.94	34.63	26.348	914.83	0	
"2011-07-22	15:00:00"	13.54	147.4	21.5	22.47	11.32	149.4	21.61	20.68	91.2	93.5	-2.246	35.4	32.05	26.324	863.75	0	
"2011-07-22	16:00:00"	12.63	134.1	19.4	24.86	10.5	136.5	21	21.28	92.3	94.4	-2.108	32.48	29.27	26.303	679.16	0	
"2011-07-22	17:00:00"	11.95	131.8	25.11	22.47	9.83	133.4	26.25	19.49	93.3	95.1	-1.847	31.38	28.42	26.283	600.26	0	
"2011-07-22	18:00:00"	11.87	125	20.46	22.47	9.72	127.8	23.1	20.09	94.2	96	-1.823	30.18	27.23	26.265	420.45	0	
"2011-07-22	19:00:00"	10.12	132.9	15.04	16.51	8.19	136.1	16.29	13.52	93.7	94.4	-0.753	30.18	27.99	26.256	88.475	0	
"2011-07-22	20:00:00"	11.43	121.2	12.92	18.89	9.04	124.1	14.88	15.91	93.4	93.8	-0.42	30.95	29.02	26.264	69.792	0	
"2011-07-22	21:00:00"	12.19	147.1	28.77	21.87	9.81	147.8	27.19	19.49	91.1	91.2	-0.09	34.45	32.8	26.279	12.754	0	
"2011-07-22	22:00:00"	14.99	181.7	9.86	24.26	12.35	181.3	12.3	20.09	86.9	86.9	0.006	40.47	39.01	26.309	0.07019	0	
"2011-07-22	23:00:00"	15.08	181	9.84	25.45	12.43	180.5	11.75	21.87	84	84	0.055	44.09	42.64	26.337	0	0	
"2011-07-23	00:00:00"	9.14	191.7	9.92	15.91	7.551	193	12.53	12.93	80.4	80.4	-0.013	49.12	47.45	26.359	0	0	
"2011-07-23	01:00:00"	6.075	213.4	20.26	11.14	4.973	213.1	20.98	9.95	77.47	77.45	0.019	54.85	53.37	26.378	0	0	
"2011-07-23	02:00:00"	5.82	203.1	21.58	10.54	4.719	201.6	21.4	8.16	75.92	75.81	0.109	56.43	55.09	26.384	0	0	
"2011-07-23	03:00:00"	10.03	179.8	10.29	14.72	8.09	178.7	12.83	12.93	74	73.87	0.127	59.3	58.04	26.386	0	0	
"2011-07-23	04:00:00"	9.5	163.8	11.71	17.7	7.942	164.2	11.7	15.91	73	72.96	0.048	61.89	60.58	26.389	0	0	
"2011-07-23	05:00:00"	10.51	167.4	9.58	16.51	8.77	166.9	10.08	13.52	73.3	73.2	0.1	62.08	60.92	26.388	0	0	
"2011-07-23	06:00:00"	10.12	167.3	10.73	18.89	8.41	167.1	11.57	15.91	72.49	72.42	0.07	64.74	63.52	26.388	0	0	
"2011-07-23	07:00:00"	6.494	183.8	15.57	9.95	5.238	185.1	17.68	9.95	70.72	70.67	0.046	71.16	69.94	26.391	0.45865	0	
"2011-07-23	08:00:00"	5.734	214.9	26.77	9.35	4.676	217.7	29.34	8.75	70.1	70.16	-0.065	72.32	71.02	26.405	50.572	0	
"2011-07-23	09:00:00"	10.05	173.7	18.33	15.91	8.53	172.7	19.14	14.12	72.41	72.86	-0.446	65.5	63.6	26.423	212.59	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-23	10:00:00"	12.9	164.8	11.83	20.09	11.03	164.6	12.41	17.7	76.32	77.14	-0.826	58.1	55.45	26.429	393.9	0	
"2011-07-23	11:00:00"	12.36	179.1	13.66	18.89	10.43	178.8	16.16	17.1	78.92	80.5	-1.545	55.12	51.38	26.428	583.68	0	
"2011-07-23	12:00:00"	9.72	178.9	18.37	17.7	8.27	178.8	19.16	15.91	81.5	83.3	-1.806	51.28	47.21	26.428	741.74	0	
"2011-07-23	13:00:00"	7.09	199.6	35.77	15.91	6.163	197.8	37.79	14.72	85.5	87.2	-1.768	42.87	39.21	26.42	855.18	0	
"2011-07-23	14:00:00"	9.04	163.2	36.27	21.87	7.755	163.8	39.16	18.89	88.3	90.4	-2.119	37.52	34.18	26.411	964.91	0	
"2011-07-23	15:00:00"	9.1	175.3	35.24	18.89	7.791	177.2	36.84	17.7	89.4	91.2	-1.829	35.59	32.46	26.4	597.57	0	
"2011-07-23	16:00:00"	10.2	178.7	22.69	18.3	8.78	181.1	25.52	17.7	90.8	92.4	-1.608	32.98	30.12	26.389	370.76	0	
"2011-07-23	17:00:00"	11.92	161.4	22.17	20.09	10.08	162	22.53	18.3	92.1	93.5	-1.388	31.12	28.43	26.375	220.44	0	
"2011-07-23	18:00:00"	13.93	167.9	13.61	23.66	11.76	167.3	13.97	19.49	91.7	92.8	-1.054	31.27	28.9	26.372	225.08	0	
"2011-07-23	19:00:00"	11.32	175.4	18.44	20.68	9.63	175.2	20.14	18.3	93.8	95.1	-1.289	28.66	26.16	26.369	446.6	0	
"2011-07-23	20:00:00"	12.56	169	13.49	19.49	10.78	168.7	14.64	18.89	93	94.1	-1.111	29.97	27.55	26.373	167.81	0	
"2011-07-23	21:00:00"	10.81	175.3	8.18	15.91	8.87	174.2	9.88	15.31	90.7	91.1	-0.36	31.62	29.76	26.385	27.562	0	
"2011-07-23	22:00:00"	12.22	169.9	8.59	21.87	10.16	169.1	9.82	17.7	89	89.1	-0.023	33.74	32.21	26.407	0.13358	0	
"2011-07-23	23:00:00"	12.52	173.1	7.112	18.3	10.29	172.1	8.76	16.51	86.8	86.8	0.048	38.66	37.17	26.437	0	0	
"2011-07-24	00:00:00"	14.85	171.8	8.2	22.47	12.32	170.6	9.4	18.89	84.9	84.9	0.065	40.83	39.34	26.465	0	0	
"2011-07-24	01:00:00"	13.91	171.7	8.06	21.87	11.56	170.9	9.46	17.7	82.8	82.7	0.068	43.54	42.02	26.484	0	0	
"2011-07-24	02:00:00"	11.7	171.9	7.799	17.1	9.54	171.1	9.13	14.12	80.7	80.6	0.083	49.53	48.03	26.489	0	0	
"2011-07-24	03:00:00"	7.509	167.1	8.84	12.33	6.162	167.2	9.41	9.95	78.95	78.81	0.132	54.17	52.69	26.486	0	0	
"2011-07-24	04:00:00"	7.349	158.6	9	10.54	5.953	158.6	8.38	9.35	77.31	77.1	0.216	57.78	56.49	26.472	0	0	
"2011-07-24	05:00:00"	5.258	116	18.76	7.561	3.113	91.3	32.89	5.175	76.22	75.2	1.021	59.53	58.2	26.481	0	0	
"2011-07-24	06:00:00"	7.837	104.5	4.502	9.95	4.318	96.7	8.88	6.964	75.1	73.17	1.93	60.38	61.51	26.49	0	0	
"2011-07-24	07:00:00"	7.836	87.5	14.31	9.95	4.95	85.1	17.29	7.561	73.17	72.35	0.816	62.52	62.43	26.502	0.42357	0	
"2011-07-24	08:00:00"	8.91	104.8	10.71	12.93	6.58	104.8	13.48	11.14	72.5	72.08	0.418	63.97	63.4	26.515	49.572	0	
"2011-07-24	09:00:00"	13.81	144.7	16.55	23.07	11.51	146.7	15.27	20.68	76.82	77.22	-0.401	58.98	56.9	26.519	213.62	0	
"2011-07-24	10:00:00"	15.65	170.4	10.56	26.05	13.24	169.7	11.85	22.47	80.1	81.1	-1.003	56.29	53.15	26.524	399.11	0	
"2011-07-24	11:00:00"	12.18	168.8	14.14	20.09	10.43	169.8	14.74	17.7	82.7	84.5	-1.721	52.11	47.83	26.527	587.35	0	
"2011-07-24	12:00:00"	10.86	157.6	18.04	17.7	9.36	158.3	17.69	15.91	85.8	87.9	-2.023	46.63	42.02	26.531	751	0	
"2011-07-24	13:00:00"	11.82	150.8	22.81	18.3	10.08	151.9	23.44	17.1	86.7	88.8	-2.153	44.41	40.08	26.525	866.2	0	
"2011-07-24	14:00:00"	10.35	155.4	28.65	18.3	8.85	157.3	29.78	17.1	88.9	91	-2.122	38.82	35.34	26.515	923.65	0	
"2011-07-24	15:00:00"	11.64	164.4	27.97	23.07	9.84	166.1	30.48	18.89	90.5	92.5	-2.052	36.43	33.1	26.499	738.81	0	
"2011-07-24	16:00:00"	12.67	154.4	23.55	24.26	10.63	155.5	23.48	19.49	92.3	94.4	-2.106	34.41	31.1	26.48	729.75	0	
"2011-07-24	17:00:00"	12.64	160	22.9	24.26	10.78	159.9	22.82	21.28	93.6	95.7	-2.118	32.4	29.19	26.457	827.87	0	
"2011-07-24	18:00:00"	13.61	142.7	19.38	27.24	11.37	144.6	19.66	25.45	93.9	95.8	-1.923	31.63	28.56	26.443	469.25	0	
"2011-07-24	19:00:00"	12.86	148.3	18.09	21.28	10.85	150.2	17.33	18.89	94.1	95.6	-1.485	30.1	27.39	26.431	349.59	0	
"2011-07-24	20:00:00"	13.81	157.8	16.68	21.87	11.62	158.8	16.76	20.68	93.8	94.6	-0.801	29.65	27.46	26.427	214	0	
"2011-07-24	21:00:00"	11.94	162.2	11.68	20.09	10.05	162.3	12.08	16.51	92.5	92.8	-0.233	30.73	28.93	26.436	45.338	0	
"2011-07-24	22:00:00"	8.73	155.9	8.87	14.12	7.346	156.3	8.42	12.93	89.7	89.6	0.042	33.81	32.26	26.458	0.0991	0	
"2011-07-24	23:00:00"	9.8	157	8.95	14.12	8.41	157.1	8.07	14.12	87.9	87.8	0.095	37.64	36.21	26.478	0	0	
"2011-07-25	00:00:00"	8.55	164.9	10.43	12.33	7.146	164.1	10.84	11.74	85.6	85.5	0.159	40.52	39.06	26.495	0	0	
"2011-07-25	01:00:00"	12.06	173.8	6.969	18.3	9.71	173	8.59	15.91	84	83.8	0.211	43.6	42.14	26.498	0	0	
"2011-07-25	02:00:00"	11.93	175.8	6.596	17.1	9.57	175.1	8.28	14.72	82.4	82.2	0.206	46.06	44.66	26.499	0	0	
"2011-07-25	03:00:00"	11.14	175.3	6.479	15.31	8.95	174.5	8.26	14.12	80.7	80.5	0.224	48.33	47.01	26.495	0	0	
"2011-07-25	04:00:00"	9.65	172.1	7.926	14.12	7.701	171.7	9.07	12.93	79.19	78.95	0.238	50.25	49.01	26.487	0	0	
"2011-07-25	05:00:00"	6.088	156.3	13.5	9.95	4.559	153.1	18.66	7.561	77.48	77.11	0.368	52.86	51.75	26.488	0	0	
"2011-07-25	06:00:00"	6.685	135.7	10.16	10.54	4.023	128.4	19.5	8.16	75.95	75.01	0.934	55.22	54.86	26.477	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-25	07:00:00"	8.31	132.9	8.83	11.14	5.491	132	11.63	8.75	75.66	74.93	0.732	54.59	54.27	26.476	0.41606	0	
"2011-07-25	08:00:00"	7.205	115.1	9.59	10.54	5.025	114.5	12.1	7.561	73.91	73.72	0.191	57.67	56.48	26.483	54.924	0	
"2011-07-25	09:00:00"	8.44	150.9	16.95	12.93	6.688	154.3	17.19	11.14	77.5	78.31	-0.816	51.05	48.59	26.499	217.6	0.02	
"2011-07-25	10:00:00"	9.02	180.2	11.84	13.52	7.51	181.1	14.08	11.74	81.3	82.4	-1.067	46.13	43.72	26.503	406.61	0	
"2011-07-25	11:00:00"	8.49	179.1	16.55	14.12	7.263	179.5	19.58	12.33	84.8	86	-1.288	43.56	40.68	26.497	596.59	0	
"2011-07-25	12:00:00"	7.284	174.1	32.89	15.91	6.252	173.7	35.94	14.12	87.6	89	-1.396	39.82	37	26.491	759.77	0	
"2011-07-25	13:00:00"	6.645	175	53.36	16.51	5.73	177.2	56.32	15.31	90.2	91.6	-1.368	34.88	32.26	26.477	769.3	0	
"2011-07-25	14:00:00"	8.25	146.3	41.37	18.89	7.049	144.6	41.95	16.51	92	93.9	-1.86	30.43	27.6	26.459	903.75	0	
"2011-07-25	15:00:00"	8.24	180.2	41.6	19.49	7.113	182	45.76	16.51	93.9	96	-2.133	25.81	22.89	26.437	951.82	0	
"2011-07-25	16:00:00"	9.13	181	50.1	23.07	7.818	180.8	51.63	20.68	95.5	97.3	-1.838	23.6	20.92	26.409	813.1	0	
"2011-07-25	17:00:00"	9.73	166	38.3	23.07	8.31	166.6	37.98	19.49	96.2	98.1	-1.948	23.62	20.88	26.382	782.6	0	
"2011-07-25	18:00:00"	10.24	160.3	33.5	23.66	8.81	161.4	34.2	20.68	96.5	98	-1.514	22.7	20.19	26.361	463.26	0	
"2011-07-25	19:00:00"	9.46	155.9	25.95	19.49	8.07	158.4	27.65	17.7	96.8	97.8	-1.045	22.34	20.11	26.345	365.05	0	
"2011-07-25	20:00:00"	9.22	149.1	20.77	17.1	7.717	150.9	21.85	15.31	96.5	97.3	-0.814	22.29	20.17	26.34	210.33	0	
"2011-07-25	21:00:00"	10.29	131.3	10.1	15.91	7.93	134.7	11.11	13.52	95	95.2	-0.141	22.45	20.67	26.345	42.584	0	
"2011-07-25	22:00:00"	8.67	121.7	6.312	11.74	5.665	122.9	10.02	8.75	90.8	90.1	0.743	24.19	22.97	26.36	0.13453	0	
"2011-07-25	23:00:00"	9.1	124.1	8.66	12.33	5.974	123.3	12.52	8.75	87.6	86.7	0.855	27.32	26.23	26.379	0	0	
"2011-07-26	00:00:00"	10.12	146.6	9.29	13.52	7.79	147.9	9.27	11.74	86.9	86.4	0.487	27.46	26.28	26.386	0	0	
"2011-07-26	01:00:00"	9.59	166.8	8.7	15.31	7.729	166.9	9.3	12.33	84.7	84.3	0.382	28.73	27.53	26.384	0	0	
"2011-07-26	02:00:00"	10.56	188.9	11.48	17.1	8.46	190.6	13.69	14.72	82.9	82.6	0.373	29.84	28.64	26.379	0	0	
"2011-07-26	03:00:00"	7.334	195.4	7.881	11.14	5.613	198.3	10.17	9.95	80.3	79.77	0.533	31.51	30.47	26.378	0	0	
"2011-07-26	04:00:00"	7.055	202	7.589	9.35	5.06	205.7	9.84	6.964	78.21	77.55	0.659	32.91	31.93	26.379	0	0	
"2011-07-26	05:00:00"	7.233	195	7.025	9.95	5.37	199.1	8.75	8.16	76.58	75.82	0.764	36.08	35.15	26.375	0	0	
"2011-07-26	06:00:00"	7.526	189.5	9.31	12.93	5.736	192	11.68	11.14	76.08	75.45	0.63	38.66	37.7	26.374	0	0	
"2011-07-26	07:00:00"	6.25	192.3	15.62	10.54	4.58	195.5	19.75	8.16	74.52	73.99	0.525	41.51	40.23	26.375	0.56182	0	
"2011-07-26	08:00:00"	8.31	181.5	10.95	13.52	6.554	182.3	13.58	10.54	74.99	74.6	0.391	45.07	43.99	26.372	56.799	0	
"2011-07-26	09:00:00"	9.4	176.7	8	15.91	7.666	177.1	9.77	13.52	78.39	78.69	-0.297	41.8	40.07	26.372	214.86	0.01	
"2011-07-26	10:00:00"	9.06	181.5	9.99	14.12	7.423	181.1	13.15	12.33	84.3	85.3	-0.954	35.22	33.1	26.37	408.61	0	
"2011-07-26	11:00:00"	7.793	184.7	18.13	14.12	6.584	184.8	21.25	13.52	89.8	91.1	-1.221	28.13	25.81	26.363	601.87	0	
"2011-07-26	12:00:00"	10.01	170.2	20.24	17.7	8.61	171	21.39	15.31	92	93.5	-1.472	24.43	21.99	26.362	769.99	0	
"2011-07-26	13:00:00"	12.24	166.6	23.77	22.47	10.45	166.9	24.64	20.68	93.4	95.3	-1.885	20.82	18.27	26.356	891.29	0	
"2011-07-26	14:00:00"	12.41	158.1	17.95	22.47	10.74	157.9	18.19	20.68	94.5	96.5	-1.954	20.19	17.62	26.341	950.35	0	
"2011-07-26	15:00:00"	11.45	178.1	31.58	23.66	9.77	178.1	33.7	20.68	95.6	97.7	-2.086	20.66	18.04	26.322	926.55	0	
"2011-07-26	16:00:00"	11.32	168.2	28.59	23.07	9.5	169.2	29.42	21.87	99.4	101.9	-2.56	18.5	15.79	26.297	874.85	0	
"2011-07-26	17:00:00"	10.85	164.7	27.07	21.87	9.21	164.5	26.55	18.89	100.6	103.1	-2.454	17.13	14.36	26.28	705.11	0	
"2011-07-26	18:00:00"	10.05	173	25.8	21.28	8.57	174.6	27.02	18.89	101.1	103.4	-2.256	16.43	13.76	26.262	493.89	0	
"2011-07-26	19:00:00"	10.96	167.9	27.84	20.68	9.28	168.5	29.57	18.3	100.7	102.4	-1.705	16.07	13.64	26.249	397.94	0	
"2011-07-26	20:00:00"	11.76	160.2	17.91	20.68	9.94	160.9	18.19	18.89	99.7	100.6	-0.987	17.12	14.94	26.242	213.17	0	
"2011-07-26	21:00:00"	10.23	161.8	12.51	15.91	8.6	161.8	12.01	14.72	97.2	97.5	-0.263	18.71	16.84	26.248	47.281	0	
"2011-07-26	22:00:00"	9.89	153.4	8.33	13.52	8.21	154.7	7.883	12.33	92.7	92.5	0.16	22.92	21.29	26.263	0.08215	0	
"2011-07-26	23:00:00"	9.75	157.4	8.54	14.72	8.19	157.2	8.14	12.93	89.6	89.3	0.295	26.51	25.05	26.283	0	0	
"2011-07-27	00:00:00"	10.96	167.1	9.93	17.7	8.99	167.3	10.39	15.31	87.2	86.9	0.323	30.11	28.75	26.301	0	0	
"2011-07-27	01:00:00"	16.29	174.7	6.947	22.47	13.43	174.1	8.86	18.89	86.4	86.1	0.313	32.51	31.25	26.313	0	0	
"2011-07-27	02:00:00"	15.5	180	6.739	21.87	12.86	179.2	8.65	18.3	84.6	84.4	0.189	35.33	34.03	26.322	0	0	
"2011-07-27	03:00:00"	14.93	180.7	6.837	21.28	12.3	179.6	8.66	17.1	82.9	82.7	0.216	36.17	34.91	26.319	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-27	04:00:00"	13.24	176.8	6.707	18.3	10.75	175.9	8.57	16.51	81.2	81	0.228	38.31	37.01	26.318	0
"2011-07-27	05:00:00"	11.64	174.9	7.166	18.3	9.51	174.9	8.51	15.31	79.82	79.58	0.235	41.54	40.04	26.32	0
"2011-07-27	06:00:00"	9.97	178.7	10.56	14.72	7.992	179.3	11.98	11.74	78.15	77.87	0.281	44.51	43.1	26.319	0
"2011-07-27	07:00:00"	9.59	180.7	10.84	14.12	7.625	181.3	12.68	11.74	77.41	77.08	0.327	46.34	45.08	26.32	0.84145
"2011-07-27	08:00:00"	6.216	206.8	26.43	9.95	4.743	212	30.35	8.16	76.68	76.45	0.233	47.36	46.08	26.33	52.462
"2011-07-27	09:00:00"	11.09	172	9.45	20.68	9.19	171.1	10.54	18.3	79.97	80.3	-0.291	42.81	41.1	26.335	211.59
"2011-07-27	10:00:00"	15.64	170.2	10.76	24.86	13.12	169.6	12.18	20.68	84.2	85.1	-0.828	37.74	35.63	26.337	401.01
"2011-07-27	11:00:00"	12.68	173.4	13.04	19.49	10.72	173.2	14.32	16.51	87.4	89	-1.51	34.67	31.9	26.341	587.68
"2011-07-27	12:00:00"	10.17	165.9	18.81	15.91	8.79	166.9	19.6	15.31	91.3	93.3	-2.051	30.73	27.56	26.339	751.55
"2011-07-27	13:00:00"	11.16	153.5	21.2	18.3	9.52	156.4	21.75	17.1	93.7	96.3	-2.587	27.4	24	26.328	869.69
"2011-07-27	14:00:00"	10.39	154	27.75	21.87	8.85	154.7	29.94	18.3	93.2	95.3	-2.108	27.02	24.09	26.313	925.98
"2011-07-27	15:00:00"	9.61	148.1	43	21.87	8.2	150.2	44.03	19.49	95	97	-1.976	24.92	22.14	26.299	905.75
"2011-07-27	16:00:00"	10.79	156.2	32.48	23.07	8.97	158.3	35.56	17.7	96.3	98.6	-2.326	23.49	20.54	26.285	862.07
"2011-07-27	17:00:00"	10.73	154.1	36.71	24.86	9.1	155.4	38.01	20.68	98.2	100.3	-2.08	22.2	19.43	26.265	740.69
"2011-07-27	18:00:00"	9.83	152.7	36.37	20.09	8.39	154.9	36.81	20.09	101.4	103.6	-2.203	20.27	17.5	26.252	505.31
"2011-07-27	19:00:00"	11.58	131.3	23.46	21.87	9.52	133.9	24.8	18.89	100.7	102.4	-1.663	20.73	18.14	26.245	355.36
"2011-07-27	20:00:00"	10.46	142.1	17.14	19.49	8.71	144.6	16.84	14.72	99.7	100.9	-1.171	20.98	18.64	26.244	185.65
"2011-07-27	21:00:00"	13.08	141.2	7.748	19.49	10.63	143.3	8.73	16.51	97.1	97.5	-0.443	22.78	20.81	26.262	39.649
"2011-07-27	22:00:00"	12.35	140.9	6.744	16.51	9.87	143.5	7.49	13.52	93.2	93.1	0.075	24.47	22.84	26.281	0.08752
"2011-07-27	23:00:00"	11.84	144.1	6.493	15.91	9.49	146.1	6.828	13.52	90.6	90.4	0.231	26.07	24.59	26.309	0
"2011-07-28	00:00:00"	11.59	159	9.57	17.7	9.96	159.4	9.72	15.31	88.4	88.3	0.143	28.24	26.84	26.329	0
"2011-07-28	01:00:00"	12.85	175.3	7.035	20.68	10.48	175.3	8.58	17.1	86	85.8	0.218	30.75	29.42	26.342	0
"2011-07-28	02:00:00"	12.1	179.8	7.275	17.1	9.86	179.3	8.9	14.12	84.2	84	0.214	31.96	30.66	26.349	0
"2011-07-28	03:00:00"	11.17	182.4	9.6	15.31	9.05	182.7	11.53	12.93	82.3	82.1	0.263	34.15	32.89	26.349	0
"2011-07-28	04:00:00"	10.5	186.9	9.41	16.51	8.72	186.8	11.8	15.31	80.5	80.3	0.242	37.57	36.34	26.347	0
"2011-07-28	05:00:00"	8.98	186.2	8.47	14.12	7.231	187.3	10.79	12.33	78.8	78.58	0.224	40.08	38.72	26.343	0
"2011-07-28	06:00:00"	5.909	182.9	10.17	9.95	4.233	182.6	11.76	7.561	77.03	76.49	0.54	43	41.76	26.346	0
"2011-07-28	07:00:00"	6.637	154.4	9.65	9.35	4.771	150.8	10.54	6.964	76.23	75.45	0.773	44.09	43.28	26.36	0.39539
"2011-07-28	08:00:00"	7.948	143.2	14.08	12.33	6.1	143.6	15.22	10.54	75.99	75.39	0.604	44.17	43.41	26.375	50.806
"2011-07-28	09:00:00"	11.8	164.9	12.4	21.28	9.87	165.4	12.78	19.49	78.64	79.13	-0.49	42.09	40.01	26.386	212.7
"2011-07-28	10:00:00"	16.2	167.5	10.53	23.66	13.71	166.9	11.73	21.28	82.3	83	-0.68	38.53	36.56	26.391	397.62
"2011-07-28	11:00:00"	15.65	168	12.44	22.47	13.32	167.4	13.29	21.28	85.6	86.7	-1.163	35.94	33.52	26.396	585.1
"2011-07-28	12:00:00"	15.02	162.7	15.24	23.66	12.85	162.5	15.63	21.28	88.4	90.1	-1.707	32.34	29.56	26.398	749.94
"2011-07-28	13:00:00"	16.24	156.1	14.2	26.05	13.96	156.9	13.9	23.07	91.5	93.4	-1.885	26.57	23.89	26.394	864.93
"2011-07-28	14:00:00"	17.23	146.6	17.24	27.84	14.3	148.8	17.6	24.26	93.1	95.6	-2.498	26.33	23.19	26.387	919.26
"2011-07-28	15:00:00"	16.4	155.6	18.26	27.84	13.93	157.4	18.55	24.26	94.2	96.5	-2.213	25.42	22.46	26.375	897.26
"2011-07-28	16:00:00"	13.68	148.8	21.69	25.45	11.55	150.9	21.96	23.07	95.2	97.3	-2.136	25.09	22.15	26.364	844.49
"2011-07-28	17:00:00"	13.92	142.5	24.34	27.24	11.66	144.6	24.07	23.07	95.8	97.7	-1.944	23.49	20.73	26.346	693.32
"2011-07-28	18:00:00"	13.71	133.7	21.15	29.03	11.28	136.6	22.49	23.07	96	97.9	-1.887	23.03	20.31	26.335	461.7
"2011-07-28	19:00:00"	13.07	136.4	17.54	22.47	10.82	138.7	18.04	20.09	96.1	97.4	-1.356	22.88	20.43	26.324	359.88
"2011-07-28	20:00:00"	13.34	132.8	15.99	21.28	10.71	135.4	16.24	18.89	95.4	96.3	-0.841	23.56	21.39	26.323	193.96
"2011-07-28	21:00:00"	10.46	136.7	10.56	17.1	8.36	139.5	11.74	14.72	94	94.1	-0.145	24.57	22.77	26.343	40.367
"2011-07-28	22:00:00"	9.48	116.1	9.44	18.89	6.667	117.5	11.92	15.31	90.1	89.6	0.48	27.48	26.13	26.372	0.07019
"2011-07-28	23:00:00"	10.87	113.7	7.223	16.51	8.29	116.7	9.82	14.72	87.7	87.5	0.175	31.52	30.11	26.399	0
"2011-07-29	00:00:00"	12.18	127.2	10.59	18.89	9.41	129.9	12.05	15.91	86	85.7	0.272	32.89	31.54	26.412	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-29	01:00:00"	13.01	156.6	11.47	20.09	11	156.5	10.72	17.7	84.4	84.4	0.075	37.06	35.67	26.418	0
"2011-07-29	02:00:00"	10.11	175	7.437	14.72	8.08	174.6	8.71	12.33	82.4	82.2	0.15	40.73	39.18	26.424	0
"2011-07-29	03:00:00"	9.28	180.3	7.377	14.12	7.51	179.8	9.14	12.33	81	80.8	0.213	43.71	42.14	26.426	0
"2011-07-29	04:00:00"	7.58	173	6.726	11.74	5.84	170.3	8.35	9.35	79.66	79.39	0.269	46.6	45.09	26.428	0
"2011-07-29	05:00:00"	7.837	162.1	8.32	12.93	6.349	161	8.44	11.14	78.72	78.36	0.362	49.53	48.31	26.431	0
"2011-07-29	06:00:00"	3.28	121.8	33.21	7.561	2.322	79.6	50.71	6.368	77.36	76.53	0.829	51.65	50.56	26.449	0
"2011-07-29	07:00:00"	4.705	52.19	40.2	7.561	3.343	25.58	29.98	5.771	75.33	73.14	2.187	54.16	53.97	26.471	0.27267
"2011-07-29	08:00:00"	4.848	39.63	17.68	8.16	3.335	34.9	15.31	6.368	73.61	71.81	1.8	56.19	57.34	26.484	42.778
"2011-07-29	09:00:00"	4.373	38.55	18.24	8.16	3.643	39.99	22.36	6.964	77.46	77.87	-0.411	51.36	49.6	26.49	139.09
"2011-07-29	10:00:00"	6.861	137.3	35.34	15.31	5.768	139.5	37.23	11.74	79.28	80.3	-1.015	50.22	47.24	26.496	355.55
"2011-07-29	11:00:00"	6.8	178.9	37.8	14.12	5.856	175.4	41.45	12.33	81.7	82.9	-1.142	49.26	46.06	26.499	571.44
"2011-07-29	12:00:00"	5.565	122	58.76	13.52	4.831	126.4	62.63	13.52	84.7	86.4	-1.662	43.01	39.44	26.505	734.97
"2011-07-29	13:00:00"	9.92	128.4	33.73	21.28	8.25	132.1	37.01	18.89	88.3	90.4	-2.067	35.22	32.04	26.5	835.64
"2011-07-29	14:00:00"	14.34	131.8	17.67	27.24	11.81	134.6	19.58	24.26	90.7	93.1	-2.403	31.31	27.98	26.481	810.07
"2011-07-29	15:00:00"	13.92	123.6	15.33	30.22	11.13	126.3	17.9	25.45	90.7	92.5	-1.775	31.5	28.6	26.466	350.85
"2011-07-29	16:00:00"	13.02	85.4	36.91	27.84	10.52	87.1	39.53	21.87	90.9	92.8	-1.875	30.96	28	26.444	519.51
"2011-07-29	17:00:00"	11.55	103.3	29.54	26.65	9.35	104.9	32.84	21.28	91.9	93.3	-1.481	30.24	27.69	26.421	370.22
"2011-07-29	18:00:00"	12.48	44.77	47.19	23.07	9.63	44.23	49.09	18.89	86.1	86.8	-0.677	39.17	37.58	26.416	102.78
"2011-07-29	19:00:00"	10.62	135.5	22.12	25.45	8.22	138.6	23.93	21.28	84.5	84.9	-0.393	43.84	42.01	26.42	73.476
"2011-07-29	20:00:00"	16.32	132.6	9.28	24.26	12.79	136.2	10.87	20.09	88.5	89	-0.435	35.81	33.96	26.411	98.136
"2011-07-29	21:00:00"	11.89	124.2	7.17	20.09	8.86	128.2	9.78	17.1	87	86.9	0.081	35.77	34.3	26.431	14.494
"2011-07-29	22:00:00"	8.74	115.6	9.57	11.74	5.762	117.1	13.52	9.35	84.3	84	0.362	38.85	37.79	26.448	0.04079
"2011-07-29	23:00:00"	8.66	98.7	10.46	11.14	5.353	95.6	14.13	7.561	81.7	81.7	0.062	40.95	39.43	26.465	0
"2011-07-30	00:00:00"	7.707	84.5	5.955	9.95	4.335	74.59	8.21	6.964	79.87	78.88	0.99	44.32	43.76	26.479	0
"2011-07-30	01:00:00"	7.283	70.14	18.23	8.75	4.132	56.24	12.15	6.368	79.95	77.13	2.818	46.59	48.66	26.488	0
"2011-07-30	02:00:00"	7.194	62.07	6.238	8.75	4.451	59.41	10.18	6.368	78.43	77.25	1.187	49.53	50.05	26.494	0
"2011-07-30	03:00:00"	4.755	131.1	50.16	9.35	2.809	117.8	51	8.16	77.6	76.87	0.732	50.08	49.57	26.496	0
"2011-07-30	04:00:00"	4.992	151.3	21.3	8.16	2.595	137.3	35.22	6.964	77.07	75.71	1.358	51.57	51.63	26.491	0
"2011-07-30	05:00:00"	5.842	206.2	13.86	9.95	4.131	215.4	15.38	7.561	76.95	76.28	0.676	49.57	49.19	26.49	0
"2011-07-30	06:00:00"	4.389	231.6	15.34	8.16	2.827	240.8	19.85	6.368	76.39	75.63	0.755	47.49	47.17	26.5	0
"2011-07-30	07:00:00"	5.435	9.62	45.44	7.561	3.84	17.08	19.45	5.175	71.68	69.18	2.499	62.67	66.41	26.515	0.2423
"2011-07-30	08:00:00"	5.453	31.9	21.51	9.35	3.379	34.4	24.21	6.964	71.42	69.38	2.035	62.13	66.8	26.534	17.737
"2011-07-30	09:00:00"	6.469	148.7	29.16	14.72	5.01	146	39.96	12.33	76.87	76.49	0.381	50.34	50.76	26.544	191.83
"2011-07-30	10:00:00"	11	181.2	10.27	15.91	9.32	181.5	12.55	14.72	79.11	80.1	-1.021	56.45	53.37	26.549	395.77
"2011-07-30	11:00:00"	8.82	171.1	17.18	14.72	7.545	170.2	18.18	13.52	81.8	83	-1.221	53.68	50.28	26.553	590.91
"2011-07-30	12:00:00"	5.315	175.7	51.81	13.52	4.564	178.7	54.45	12.93	84.5	85.7	-1.267	44.29	41.13	26.556	694.63
"2011-07-30	13:00:00"	7.337	104.4	40.36	16.51	6.263	105.2	44.01	15.31	87.6	89.7	-2.08	38.19	34.84	26.549	816.07
"2011-07-30	14:00:00"	10.7	119.5	24.68	20.09	8.84	122	27.61	18.3	89.4	91.6	-2.171	35.44	32.05	26.532	690.02
"2011-07-30	15:00:00"	11.56	113.8	22.82	23.66	9.47	116.3	25.74	17.7	91.1	93.5	-2.442	32.74	29.28	26.509	788.65
"2011-07-30	16:00:00"	13.15	119.4	19.41	23.66	10.59	123.7	22.15	20.09	92.4	94.9	-2.495	31.62	28.13	26.479	752.11
"2011-07-30	17:00:00"	16.09	126.5	19.49	26.05	12.91	130.2	21.02	22.47	92.5	94.5	-1.946	31.64	28.51	26.46	401.75
"2011-07-30	18:00:00"	17.34	137.2	13.36	27.24	13.98	139.9	14.38	22.47	89.6	90.5	-0.867	37.3	34.95	26.463	86.676
"2011-07-30	19:00:00"	13.67	132	12.41	24.26	11.06	136.3	12.82	20.68	90.2	90.9	-0.755	35.32	33.13	26.449	141.75
"2011-07-30	20:00:00"	14.63	129.8	11.17	21.28	11.52	133.9	12.65	18.89	91.3	92	-0.676	31.68	29.58	26.443	165.09
"2011-07-30	21:00:00"	13.6	128.3	8.81	20.68	10.36	131.7	10.95	18.3	90	90.1	-0.096	33.5	31.82	26.457	35.989

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-07-30	22:00:00"	11.53	136.2	18.91	24.26	9.19	138.8	18.2	19.49	87.4	87.2	0.174	38.01	36.53	26.48	0.05937	0
"2011-07-30	23:00:00"	14.29	170.1	8.69	24.26	11.86	170	9.66	21.87	83.8	83.8	-0.025	51.07	49.32	26.512	0	0
"2011-07-31	00:00:00"	14.98	174.4	7.59	24.86	12.49	174.2	9.18	21.28	80.7	80.8	-0.058	59.41	57.74	26.533	0	0
"2011-07-31	01:00:00"	11.49	168.7	9.16	18.3	9.55	169.4	10.18	17.1	79.2	79.22	-0.017	63.03	61.52	26.545	0	0
"2011-07-31	02:00:00"	11.34	175.5	6.885	17.1	9.28	175.3	8.63	15.31	78	77.97	0.034	63.68	62.32	26.556	0	0
"2011-07-31	03:00:00"	8.97	173.1	7.473	12.93	7.343	174	8.84	11.74	76.73	76.71	0.023	64.85	63.48	26.561	0	0
"2011-07-31	04:00:00"	8.63	175.3	6.27	13.52	6.909	174.7	7.862	11.74	75.54	75.52	0.024	67.48	66.12	26.562	0	0
"2011-07-31	05:00:00"	10.85	176	6.378	14.72	8.79	175.5	8.03	12.93	74.9	74.83	0.078	68.73	67.54	26.563	0	0
"2011-07-31	06:00:00"	8.57	174.2	6.721	13.52	6.841	173.4	8.44	11.74	73.91	73.81	0.096	71.02	69.89	26.56	0	0
"2011-07-31	07:00:00"	6.308	154.5	13.56	9.95	4.874	152.1	13.78	8.75	72.72	72.53	0.19	73.73	72.67	26.567	0.26414	0
"2011-07-31	08:00:00"	8.27	140.6	11.6	14.12	6.227	141.3	13.48	12.33	72.31	72.14	0.166	74.81	73.78	26.58	45.829	0
"2011-07-31	09:00:00"	12.05	158.4	10.17	17.7	10.35	158.9	9.61	17.1	74.72	75.11	-0.389	71.07	69.16	26.59	197.27	0
"2011-07-31	10:00:00"	15.97	168.6	10.43	23.66	13.47	168.4	11.69	20.68	77.42	78.33	-0.912	64.56	61.61	26.598	393.26	0
"2011-07-31	11:00:00"	14.19	174.7	12.43	21.87	12.03	174	13.9	20.09	80.2	81.6	-1.47	57.6	53.76	26.598	583.08	0
"2011-07-31	12:00:00"	12.76	172.5	16.48	20.68	10.92	172.3	18.28	17.7	82.6	84.4	-1.868	51.35	46.99	26.594	746.15	0
"2011-07-31	13:00:00"	12.87	169.8	18.15	22.47	10.99	170.3	19.22	21.87	85	87.1	-2.07	45.15	40.84	26.586	809.64	0
"2011-07-31	14:00:00"	12.22	157.9	19.82	26.65	10.5	159.5	20.95	27.24	86.9	88.9	-1.974	40.32	36.78	26.573	805.65	0
"2011-07-31	15:00:00"	12.72	147.4	24.44	23.66	10.73	149.6	26.04	20.68	88.5	90.8	-2.335	37.05	33.45	26.561	789.04	0
"2011-07-31	16:00:00"	13.45	157.8	22.65	26.05	11.52	159.1	23	23.07	90.3	92.5	-2.234	33.26	29.89	26.542	877.29	0
"2011-07-31	17:00:00"	14.12	150	17.67	23.66	11.94	152.5	17.94	21.28	91.4	93.6	-2.156	30.46	27.29	26.525	665.57	0
"2011-07-31	18:00:00"	15.79	143.2	15.15	23.66	13.21	145.2	15.93	21.87	92	93.9	-1.915	26.57	23.7	26.508	425.5	0
"2011-07-31	19:00:00"	14.32	146.8	17.95	25.45	11.88	149.7	17.95	21.28	92.3	93.8	-1.461	25.16	22.59	26.495	406.69	0
"2011-07-31	20:00:00"	14.6	154.7	14.54	24.26	12.38	156.5	14.82	21.28	91.9	92.7	-0.757	24.75	22.63	26.485	205.12	0
"2011-07-31	21:00:00"	12.63	151.9	10.08	21.28	10.64	153.3	9.94	17.7	90.4	90.5	-0.117	25.43	23.69	26.489	38.74	0
"2011-07-31	22:00:00"	8.78	151.2	8.04	15.31	7.1	153	7.762	14.12	87.2	87	0.212	27.64	26.17	26.503	0.02394	0
"2011-07-31	23:00:00"	7.528	159.6	8.9	11.74	6.082	159.1	8.53	9.35	84.6	84.2	0.39	29.95	28.68	26.529	0	0
"2011-08-01	00:00:00"	9.07	164.3	8.53	14.72	7.394	164.2	8.56	12.33	82.4	81.9	0.413	31.69	30.46	26.548	0	0
"2011-08-01	01:00:00"	11.06	170.6	7.866	15.91	8.87	170.1	8.78	12.93	80.1	79.65	0.409	34.79	33.6	26.557	0	0
"2011-08-01	02:00:00"	11.29	176.1	8.42	15.31	9.2	175.5	9.63	12.93	78.08	77.78	0.306	38.4	37.18	26.564	0	0
"2011-08-01	03:00:00"	11.61	179.9	8.04	17.7	9.35	179.2	9.63	14.12	75.72	75.42	0.307	44.5	43	26.557	0	0
"2011-08-01	04:00:00"	7.716	193.6	14.99	13.52	5.937	195.3	17.87	12.93	74.02	73.62	0.4	50.07	48.64	26.551	0	0
"2011-08-01	05:00:00"	5.874	186	8.96	8.75	4.041	189.9	12.25	6.368	72.99	72.29	0.697	52.57	51.56	26.549	0	0
"2011-08-01	06:00:00"	6.005	184.5	10.1	9.35	4.283	185	12.46	7.561	72.6	71.97	0.627	55.53	54.55	26.547	0	0
"2011-08-01	07:00:00"	7.544	172.5	7.812	11.14	5.521	173	9.6	8.75	72.18	71.5	0.676	58.47	57.77	26.548	0.22065	0
"2011-08-01	08:00:00"	8.47	167	8.38	11.74	6.738	166.9	8.9	9.95	72.02	71.64	0.377	60.81	59.99	26.552	49.602	0
"2011-08-01	09:00:00"	10.97	172.1	10.28	18.89	9.05	171.9	12.29	16.51	75.27	75.49	-0.223	57.4	55.89	26.561	218.26	0
"2011-08-01	10:00:00"	15.7	181.4	8.44	24.26	12.91	181.2	10.63	19.49	80.1	80.8	-0.677	49.35	47.1	26.563	412.47	0
"2011-08-01	11:00:00"	13.81	173.7	14.58	21.87	11.65	173.9	16.04	18.3	83	84.3	-1.263	43.65	40.68	26.56	604.41	0
"2011-08-01	12:00:00"	12.53	170.6	17.71	19.49	10.73	171.3	18.53	17.7	85.1	86.8	-1.708	38.49	35.49	26.551	770.01	0
"2011-08-01	13:00:00"	11.61	172.3	20.31	20.09	9.84	172.9	23.17	17.7	87.9	89.9	-2.06	31.37	28.39	26.536	890.44	0
"2011-08-01	14:00:00"	11.44	162.5	18.97	21.87	9.86	164.8	18.75	19.49	90.5	92.6	-2.135	26.1	23.21	26.515	946.67	0
"2011-08-01	15:00:00"	12.11	159.6	22.94	24.26	10.34	160.8	24.04	21.87	91.9	94	-2.095	24.3	21.55	26.494	921.74	0
"2011-08-01	16:00:00"	12.67	157.9	23.9	26.05	10.73	160.4	25.18	22.47	93.2	95.4	-2.19	22.5	19.69	26.475	877.96	0
"2011-08-01	17:00:00"	11.66	182.8	28.55	23.07	9.93	183.7	30.09	20.68	94.3	96.2	-1.988	20.86	18.19	26.453	757.12	0
"2011-08-01	18:00:00"	10.98	162.6	27.65	25.45	9.32	164.8	29.45	20.09	94.8	96.5	-1.666	21.32	18.78	26.436	455.73	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-01	19:00:00"	11.97	179.6	19.92	20.09	10.13	180.8	21.46	18.3	95	96.3	-1.284	21.05	18.71	26.424	397.79	0	
"2011-08-01	20:00:00"	9.89	179.9	16.3	19.49	8.3	181	18.01	16.51	94.7	95.4	-0.716	22.26	20.18	26.42	201.99	0	
"2011-08-01	21:00:00"	9.52	171.4	14.58	14.72	8.05	171.6	14.72	13.52	93.3	93.3	-0.086	24.21	22.48	26.421	39.959	0	
"2011-08-01	22:00:00"	7.806	143.3	10.27	10.54	5.535	142.8	11.83	9.35	89.1	88.6	0.593	27.04	25.72	26.429	0.02585	0	
"2011-08-01	23:00:00"	9.81	141.3	6.085	13.52	7.304	143.4	6.991	9.95	86.9	86.4	0.504	29.14	27.88	26.444	0	0	
"2011-08-02	00:00:00"	10.65	146.7	6.645	14.72	8.39	148.8	6.645	11.14	85.2	84.8	0.384	31.17	29.88	26.453	0	0	
"2011-08-02	01:00:00"	9.4	157.5	8.52	14.12	7.862	158.1	7.828	11.74	83.4	83.1	0.311	33.86	32.58	26.455	0	0	
"2011-08-02	02:00:00"	9.37	169.1	8.81	14.12	7.505	169.7	9.25	11.74	81	80.6	0.389	36.31	35.2	26.456	0	0	
"2011-08-02	03:00:00"	12.15	175.9	6.345	17.1	9.71	175.3	7.874	14.12	80.7	80.3	0.433	35.64	34.62	26.452	0	0	
"2011-08-02	04:00:00"	11.3	179	5.949	17.1	8.98	178.7	7.559	14.72	79.41	79.04	0.366	36.19	35.09	26.442	0	0	
"2011-08-02	05:00:00"	7.657	182.2	8.33	11.74	6.071	181.6	9.52	9.95	76.87	76.44	0.428	38.52	37.53	26.437	0	0	
"2011-08-02	06:00:00"	8.88	170.6	7.626	11.74	6.927	169.7	8.31	10.54	75.73	75.24	0.49	39.7	38.77	26.434	0	0	
"2011-08-02	07:00:00"	8.76	170.9	9.07	13.52	6.821	172	9.81	10.54	75.48	75.02	0.463	41.19	40.06	26.437	0.19677	0	
"2011-08-02	08:00:00"	8.37	171.8	8.94	13.52	6.477	172.7	9.67	9.95	75.67	75.33	0.335	42.67	41.53	26.442	47.603	0	
"2011-08-02	09:00:00"	11	174.6	8.1	20.09	8.56	176.1	10.02	15.91	78.83	79.08	-0.248	40.56	39.09	26.452	208.96	0	
"2011-08-02	10:00:00"	16.09	178.8	7.746	21.87	13.25	179.2	10.08	19.49	83.8	84.4	-0.621	35.51	33.75	26.455	396.43	0	
"2011-08-02	11:00:00"	14.24	179.5	10.1	20.68	11.82	180	12.39	17.7	87.7	89	-1.287	31.55	29.2	26.449	578.42	0	
"2011-08-02	12:00:00"	12.87	168.1	15.53	20.09	11.07	168.3	16.6	18.89	91	92.5	-1.541	27.31	24.79	26.447	764.2	0	
"2011-08-02	13:00:00"	12.1	161.7	21.28	23.07	10.35	163.2	22.1	20.09	93.2	95.1	-1.952	25.39	22.61	26.439	878.8	0	
"2011-08-02	14:00:00"	9.54	157.6	35.04	19.49	8.17	160.5	36.96	17.1	94.7	96.7	-1.993	23.08	20.34	26.422	939.07	0	
"2011-08-02	15:00:00"	9.55	143	44.84	21.87	8.26	148.5	46.74	20.09	95.8	97.9	-2.019	21.47	18.78	26.405	919.98	0	
"2011-08-02	16:00:00"	8.44	150.5	39.08	19.49	7.228	151.4	42.6	18.3	97.1	98.9	-1.837	20.14	17.58	26.387	877.86	0	
"2011-08-02	17:00:00"	8.04	131.4	47.75	18.3	6.853	137.5	50.45	17.7	98.3	100.4	-2.043	19.13	16.51	26.367	710.41	0	
"2011-08-02	18:00:00"	11.74	137.4	30.66	23.66	9.65	139.4	31.15	20.09	98.6	100.5	-1.834	17.91	15.44	26.35	562.93	0	
"2011-08-02	19:00:00"	11.23	128.2	23.96	20.09	9.34	131.1	24.68	17.7	98.2	99.7	-1.506	16.88	14.55	26.344	392.05	0	
"2011-08-02	20:00:00"	12.31	131	17.79	19.49	9.94	134.2	19.41	17.1	97.7	98.6	-0.859	16.82	14.75	26.34	201.26	0	
"2011-08-02	21:00:00"	11.46	132.1	7.764	16.51	8.9	135.5	9.42	14.12	95.6	95.6	0.008	18.92	17.18	26.347	37.987	0	
"2011-08-02	22:00:00"	9.98	130.2	6.137	13.52	6.927	132.6	7.889	9.95	91.3	90.7	0.609	21.58	20.18	26.363	0.01685	0	
"2011-08-02	23:00:00"	9.81	142.2	7.478	12.93	7.306	143.3	7.962	9.95	88.7	88.1	0.591	24.61	23.27	26.382	0	0	
"2011-08-03	00:00:00"	10.29	153.1	8.14	16.51	8.35	154.1	7.489	14.12	86.8	86.4	0.403	26.6	25.27	26.392	0	0	
"2011-08-03	01:00:00"	8.5	167.7	10.16	13.52	6.805	168.6	10.92	11.74	84.2	83.8	0.421	29.76	28.47	26.392	0	0	
"2011-08-03	02:00:00"	12.01	177.2	6.406	19.49	9.41	176.6	8.21	16.51	82.8	82.3	0.501	33.81	32.65	26.394	0	0	
"2011-08-03	03:00:00"	11.48	185.2	8.01	19.49	9.5	185.2	9.66	16.51	82.8	82.5	0.314	37.35	36.14	26.397	0	0	
"2011-08-03	04:00:00"	8.95	178.7	7.491	12.33	6.986	177.2	8.84	10.54	79.91	79.5	0.415	41.24	40	26.401	0	0	
"2011-08-03	05:00:00"	9.31	174.4	10.73	14.12	7.25	174.7	12.45	12.33	78.39	77.96	0.431	45.48	44.29	26.401	0	0	
"2011-08-03	06:00:00"	6.352	212.9	29.35	10.54	4.809	220.1	34.47	8.16	77.05	76.56	0.491	47.95	46.83	26.408	0	0	
"2011-08-03	07:00:00"	4.876	210.7	18.56	11.14	3.289	218.5	27.46	9.95	77.89	77.25	0.64	48.2	47.25	26.428	0.13488	0	
"2011-08-03	08:00:00"	5.115	335.1	25.19	9.95	3.675	354.4	19.92	6.368	76.5	73.47	3.032	50.97	53.27	26.452	12.759	0	
"2011-08-03	09:00:00"	5.109	27.6	18.3	12.93	4.399	27.66	18.89	10.54	77.28	76.1	1.182	49.76	49.95	26.459	132.08	0	
"2011-08-03	10:00:00"	3.242	113.3	54.05	9.95	2.739	116.7	53.85	9.35	82.3	85.2	-2.934	42.93	38.17	26.459	306.9	0	
"2011-08-03	11:00:00"	3.552	236.3	69.83	8.16	2.959	244	74.56	7.561	85.8	86.7	-0.928	38.08	35.82	26.461	554.78	0	
"2011-08-03	12:00:00"	7.042	144.4	39.93	15.91	5.791	147.4	42.52	14.72	89.1	90.7	-1.593	34.12	31.34	26.453	732.67	0	
"2011-08-03	13:00:00"	12.92	136.1	18.37	22.47	10.84	139.2	19.36	20.68	91	93.3	-2.225	32.12	28.87	26.443	849.08	0	
"2011-08-03	14:00:00"	14.64	128	20.63	26.05	12.02	130.3	22.38	24.86	93.2	95.7	-2.555	30.05	26.61	26.417	898.79	0	
"2011-08-03	15:00:00"	15.13	133.4	18.55	24.26	12.49	136.8	19.22	21.87	94.3	96.7	-2.397	28.57	25.34	26.392	800.51	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-03	16:00:00"	13.62	136.2	18.94	24.86	11.17	138.7	21.22	24.86	95.1	97.3	-2.149	26.98	23.97	26.372	643.68		0
"2011-08-03	17:00:00"	12.52	121.3	24.09	23.66	10.38	123.7	25.83	22.47	96.3	98.5	-2.187	24.44	21.48	26.352	647.34		0
"2011-08-03	18:00:00"	12.49	134.9	23.31	21.87	10.26	138	25.17	18.89	96.7	98.5	-1.828	23.82	21.1	26.331	576.29		0
"2011-08-03	19:00:00"	12.9	140.6	17.66	23.66	10.62	144	17.09	20.68	96.7	98.3	-1.538	23.33	20.77	26.314	370.04		0
"2011-08-03	20:00:00"	13.21	134	14.92	24.26	10.74	137.3	15.81	18.89	96.1	96.9	-0.797	23.51	21.35	26.311	153.01		0
"2011-08-03	21:00:00"	11.2	149.5	11.53	17.1	9.37	151.6	10.76	15.31	94.6	94.7	-0.111	25.05	23.28	26.317	31.149		0
"2011-08-03	22:00:00"	7.514	136.4	7.065	10.54	5.27	136.3	9.04	7.561	90.9	90.4	0.492	27.59	26.18	26.336	0.01302		0
"2011-08-03	23:00:00"	8.19	143.4	10.17	12.33	6.004	144.1	11.09	9.35	88.6	88.1	0.515	30.56	29.24	26.353	0		0
"2011-08-04	00:00:00"	7.67	156.3	8.77	9.95	5.938	156	7.131	8.16	87.4	86.9	0.525	32.94	31.76	26.363	0		0
"2011-08-04	01:00:00"	7.578	166.9	8.34	11.14	5.959	165.8	9.11	8.75	86	85.4	0.523	34.49	33.38	26.376	0		0
"2011-08-04	02:00:00"	6.766	195.7	19.56	10.54	5.171	199.8	24.19	8.75	83.5	83	0.403	37.08	35.92	26.388	0		0
"2011-08-04	03:00:00"	6.421	204	10.48	9.95	4.663	207.2	12.46	9.35	82.1	81.5	0.539	39.04	37.98	26.394	0		0
"2011-08-04	04:00:00"	6.734	195.4	6.979	9.35	4.991	200	8.55	8.16	80.1	79.54	0.545	42.14	40.95	26.398	0		0
"2011-08-04	05:00:00"	6.703	197.4	9.73	11.14	4.937	200.9	12.94	9.95	79.33	78.86	0.474	44.88	43.7	26.4	0		0
"2011-08-04	06:00:00"	3.592	205.3	16.47	5.771	2.162	214.5	22.52	4.578	78.75	78.19	0.565	45.93	44.86	26.408	0		0
"2011-08-04	07:00:00"	2.869	186.9	35.98	4.578	1.901	186	71.67	3.982	77.69	76.16	1.533	47.38	47.08	26.408	0.07788		0
"2011-08-04	08:00:00"	5.255	99.7	79.23	13.52	3.422	54.42	76.53	11.14	77.64	76.19	1.451	48.75	48.45	26.418	39.381		0
"2011-08-04	09:00:00"	7.08	7.723	33.69	12.93	5.58	8.35	37.82	11.74	81.1	81.8	-0.687	44.29	41.85	26.433	197.74		0
"2011-08-04	10:00:00"	4.455	73.59	64.31	9.35	3.697	78.71	66.37	8.16	83.6	84.6	-0.978	40.53	37.98	26.44	389.36		0
"2011-08-04	11:00:00"	4.308	187.1	60.95	11.14	3.731	192.6	62.61	9.95	86	87	-0.957	37.6	35.32	26.439	579.58		0
"2011-08-04	12:00:00"	6.551	167.9	36.74	14.72	5.662	169.4	39.74	14.12	88.7	90.2	-1.543	34.52	31.74	26.435	744.47		0
"2011-08-04	13:00:00"	10.7	155.9	22.58	20.68	9.18	158.2	23.59	18.89	90.5	92.5	-1.955	33.18	30.1	26.431	865.36		0
"2011-08-04	14:00:00"	10.14	152	42.5	21.28	8.72	153.9	45.18	18.89	92.4	94.7	-2.284	30.39	27.21	26.414	990.95		0
"2011-08-04	15:00:00"	8.76	138.8	47.42	23.66	7.423	139.9	48.49	21.87	94	95.8	-1.822	27.76	24.91	26.394	622.23		0
"2011-08-04	16:00:00"	10.04	159.8	31.39	21.28	8.56	162.3	33	18.89	95.2	97.1	-1.85	26	23.2	26.374	741.73		0
"2011-08-04	17:00:00"	10.64	150	39.03	18.89	9.07	150.8	40.43	17.1	96.1	98	-1.918	24.29	21.53	26.352	666.91		0
"2011-08-04	18:00:00"	11.1	156.2	20.41	21.87	9.42	158.1	21.15	20.09	96.7	98.4	-1.696	23.27	20.63	26.337	583.09		0
"2011-08-04	19:00:00"	10.73	144.9	15.45	18.89	9.18	148	15.98	16.51	96.7	97.9	-1.269	22.94	20.54	26.33	390.92		0
"2011-08-04	20:00:00"	10.29	148.6	20.5	18.3	8.62	150.4	19.91	15.91	96.5	97.4	-0.882	22.87	20.68	26.328	200.8		0
"2011-08-04	21:00:00"	9.53	148.2	12.8	17.1	7.821	150.9	12.17	14.12	95	95.2	-0.175	23.61	21.79	26.335	33.356		0
"2011-08-04	22:00:00"	9.02	142.8	6.373	13.52	6.869	146.3	7.347	11.14	92.1	91.8	0.284	26.26	24.73	26.347	0.01427		0
"2011-08-04	23:00:00"	6.936	149.4	17.3	9.95	5.009	147.6	23.95	8.16	89.2	88.6	0.588	28.57	27.3	26.361	0		0
"2011-08-05	00:00:00"	8.25	154.7	13.52	12.93	6.105	154.3	14.32	11.14	87.5	86.7	0.828	30.03	29.01	26.372	0		0
"2011-08-05	01:00:00"	11.33	170.8	7.663	17.1	9.17	171.1	8.7	14.12	85.2	84.8	0.36	31.82	30.58	26.378	0		0
"2011-08-05	02:00:00"	8.23	191.9	13.58	13.52	6.371	194.2	16.92	11.74	82.8	82.5	0.39	33.67	32.5	26.391	0		0
"2011-08-05	03:00:00"	6.688	190	9.2	10.54	4.949	191.7	11.95	8.16	81.2	80.6	0.574	34.4	33.46	26.392	0		0
"2011-08-05	04:00:00"	6.182	191.5	9.8	10.54	4.328	194.7	13.24	8.16	79.82	79.18	0.641	35.35	34.44	26.391	0		0
"2011-08-05	05:00:00"	10.12	175.6	6.406	14.72	7.766	174.3	7.572	12.93	79.59	79.01	0.583	36.18	35.27	26.391	0		0
"2011-08-05	06:00:00"	10.23	176.7	6.754	15.91	7.942	175.5	8.11	12.33	78.69	78.2	0.489	37.3	36.33	26.395	0		0
"2011-08-05	07:00:00"	9.21	169.9	8.88	14.12	7.194	170.5	9.35	11.74	77.97	77.51	0.458	38.79	37.83	26.401	0.13804		0
"2011-08-05	08:00:00"	10.13	167.9	9.04	15.31	8.22	167.9	9.55	12.33	78.02	77.72	0.299	40.34	39.14	26.409	41.933		0
"2011-08-05	09:00:00"	13	172.5	8.23	20.09	10.83	172.6	9.47	16.51	81	81.1	-0.19	39.07	37.53	26.417	202.78		0
"2011-08-05	10:00:00"	15.25	180.9	8.56	21.28	12.5	180.6	10.43	20.09	85.4	86.2	-0.762	35.63	33.59	26.423	395.78		0
"2011-08-05	11:00:00"	12.53	177.8	12.45	18.89	10.62	176.9	14.83	18.3	88.4	89.7	-1.256	32.6	30.15	26.423	591.57		0
"2011-08-05	12:00:00"	11.13	156.5	18.39	18.3	9.56	157.7	18.28	15.91	90.9	92.5	-1.663	29.53	26.83	26.424	761.71		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-05	13:00:00"	12.62	159.5	18.73	23.07	10.75	160.9	19.23	21.87	92.7	94.7	-2.003	26.66	23.8	26.414	878.88	0	
"2011-08-05	14:00:00"	12.71	145.4	22.22	23.07	10.72	147.3	23.17	21.87	94.7	97	-2.327	25.01	22.02	26.394	938.5	0	
"2011-08-05	15:00:00"	12.77	143.7	30.42	21.87	10.66	146	31.92	18.89	96.1	98.7	-2.564	22.53	19.49	26.377	917.11	0	
"2011-08-05	16:00:00"	10.7	154.4	31.48	20.68	9.19	156.5	32.94	20.09	96.8	98.8	-2.055	22.03	19.27	26.364	861.58	0	
"2011-08-05	17:00:00"	10.79	156	28.2	23.07	9.2	157.9	30.15	20.68	97.9	99.8	-1.881	20.42	17.82	26.347	749.83	0	
"2011-08-05	18:00:00"	12.44	156.6	25.69	21.87	10.59	157.4	29.25	19.49	98.4	100.2	-1.784	20.52	17.94	26.33	588.78	0	
"2011-08-05	19:00:00"	12.85	140.5	16.23	23.66	10.75	143.5	16.42	21.28	98.4	99.8	-1.351	21.17	18.76	26.319	339.99	0	
"2011-08-05	20:00:00"	12.44	144.4	13.2	20.68	10.33	147.1	13.24	17.1	98	98.8	-0.835	21.55	19.38	26.316	194.31	0	
"2011-08-05	21:00:00"	10.44	146.6	8.07	15.31	8.58	149.1	8.24	13.52	96.1	96.1	-0.087	22.54	20.76	26.325	18.62	0	
"2011-08-05	22:00:00"	9.85	141.7	6.704	13.52	7.642	143.7	7.664	11.14	92.4	92.1	0.288	24.85	23.31	26.336	0.00986	0	
"2011-08-05	23:00:00"	9.99	146.5	7.316	13.52	7.839	148.4	7.211	13.52	90	89.6	0.351	26.73	25.33	26.353	0	0	
"2011-08-06	00:00:00"	9.68	163.9	9.41	14.72	8.08	164	9.46	13.52	87.9	87.6	0.3	28.14	26.79	26.364	0	0	
"2011-08-06	01:00:00"	10.63	182.9	8.32	15.91	8.68	183.3	9.8	12.93	86.3	85.9	0.322	30.34	29.04	26.381	0	0	
"2011-08-06	02:00:00"	6.612	200.5	9.51	12.33	4.76	203.6	10.99	9.95	83.4	82.8	0.583	33.29	32.11	26.396	0	0	
"2011-08-06	03:00:00"	6.703	209.2	8.4	8.75	4.638	213.4	10.71	7.561	82.1	81.5	0.585	35.4	34.34	26.399	0	0	
"2011-08-06	04:00:00"	7.091	201.7	9.61	9.95	5.106	205.4	12.14	7.561	80.5	79.95	0.589	38.09	37.06	26.397	0	0	
"2011-08-06	05:00:00"	7.831	193.3	13.18	12.93	5.943	194.9	16.07	10.54	80.1	79.61	0.532	39.92	38.85	26.392	0	0	
"2011-08-06	06:00:00"	10.39	175.1	6.209	14.72	8.03	173.6	7.587	11.74	79.02	78.51	0.51	42.19	41.07	26.391	0	0	
"2011-08-06	07:00:00"	9.59	178.2	9.22	14.72	7.661	179	10.43	11.74	77.5	77.11	0.385	44.73	43.57	26.4	0.11984	0	
"2011-08-06	08:00:00"	8.14	202.5	23.02	14.72	6.469	205.5	25.88	11.74	78.27	78.02	0.255	45.81	44.51	26.414	40.501	0	
"2011-08-06	09:00:00"	12.65	184.9	9.14	18.89	10.53	185.2	11.81	17.7	80	80.3	-0.273	47.07	45.09	26.422	199.81	0	
"2011-08-06	10:00:00"	14.5	189.8	11.33	21.87	12.04	190.9	14.21	19.49	83.1	84	-0.911	44.71	41.88	26.435	389.46	0	
"2011-08-06	11:00:00"	12.79	186.3	14.61	17.7	10.81	186.4	17.84	16.51	85.5	87	-1.479	42.43	39.09	26.43	580.99	0	
"2011-08-06	12:00:00"	10.59	172.9	19.77	20.09	9.07	173.6	22.32	18.89	89	90.7	-1.709	36.85	33.87	26.428	748.31	0	
"2011-08-06	13:00:00"	11.18	162.5	23.16	18.89	9.54	164.7	25.92	16.51	91.6	93.6	-1.991	30.79	27.77	26.418	867.38	0	
"2011-08-06	14:00:00"	11.78	162.5	25.57	22.47	10.04	164.1	27.12	18.3	94.1	96.4	-2.236	25.07	22.14	26.403	930.75	0	
"2011-08-06	15:00:00"	9.11	142.5	42.11	20.09	7.663	144.2	44.1	19.49	95.6	97.8	-2.21	23.77	20.87	26.387	903.58	0	
"2011-08-06	16:00:00"	9.3	170.7	47.49	20.09	7.81	172.8	50.39	17.1	96.9	99	-2.115	22.15	19.35	26.367	859.18	0	
"2011-08-06	17:00:00"	6.673	134.4	77.97	17.1	5.627	141.9	75.57	14.72	97.8	99.6	-1.823	21.65	19	26.347	735.61	0	
"2011-08-06	18:00:00"	7.109	72.77	68.62	14.72	6.057	79.87	67.64	14.12	98.5	100.2	-1.699	21.42	18.84	26.328	548.51	0	
"2011-08-06	19:00:00"	6.788	120.2	51.53	13.52	5.74	124.1	48.82	12.33	98.6	100.1	-1.481	21.05	18.59	26.316	373.26	0	
"2011-08-06	20:00:00"	7.182	135.7	32.92	12.33	5.964	137.3	36.52	11.74	98	98.7	-0.667	21.52	19.41	26.313	108.76	0	
"2011-08-06	21:00:00"	6.989	111.3	12.85	9.95	4.304	107.3	17.45	8.16	95.5	95.5	0.001	22.81	20.97	26.325	15.585	0	
"2011-08-06	22:00:00"	8.57	98	5.352	10.54	4.894	92.3	9.77	7.561	90.7	90.6	0.083	25.85	24.06	26.342	0.00364	0	
"2011-08-06	23:00:00"	9	111.3	7.797	11.74	6.012	111.5	12.01	8.75	88.8	88.5	0.273	28.3	26.79	26.358	0	0	
"2011-08-07	00:00:00"	8.71	142.8	17.32	12.93	6.489	144.8	17.61	9.35	87.3	86.9	0.4	29.82	28.5	26.375	0	0	
"2011-08-07	01:00:00"	9.83	164.8	9.19	17.1	7.938	163.3	10.1	14.72	86	85.7	0.354	32.74	31.43	26.384	0	0	
"2011-08-07	02:00:00"	14.21	174.9	6.849	23.07	11.51	173.8	8.61	17.7	86.9	86.6	0.322	34.66	33.42	26.377	0	0	
"2011-08-07	03:00:00"	14.37	179.1	6.533	21.87	11.63	178.4	8.7	17.1	84.7	84.5	0.244	37.94	36.68	26.377	0	0	
"2011-08-07	04:00:00"	12.31	183.8	7.911	18.3	10.23	183.9	9.72	15.91	83	82.8	0.205	41.25	39.78	26.381	0	0	
"2011-08-07	05:00:00"	8.91	189.8	8.42	14.12	7.315	190.8	10.38	11.14	81	80.8	0.25	44.9	43.49	26.387	0	0	
"2011-08-07	06:00:00"	10.49	184.1	7.887	15.31	8.7	184.5	9.64	12.93	80.4	80.2	0.183	46.67	45.26	26.389	0	0	
"2011-08-07	07:00:00"	11.44	175.9	6.208	15.91	9.19	175.4	8.1	13.52	80.1	79.88	0.189	47.58	46.2	26.397	0.05556	0	
"2011-08-07	08:00:00"	11.21	175.8	6.633	17.1	9.05	174.7	8.45	13.52	79.47	79.35	0.12	48.57	47.13	26.405	27.607	0	
"2011-08-07	09:00:00"	14.44	178.3	6.618	21.87	11.84	177.7	8.91	18.3	80.2	80.4	-0.197	47.68	45.84	26.417	154.66	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-07	10:00:00"	17.09	178.1	8.16	23.07	14.17	177.4	10.09	19.49	83.2	84	-0.823	43.4	40.74	26.417	386.74	0	
"2011-08-07	11:00:00"	14.69	174.5	11.1	22.47	12.46	174.5	12.88	18.3	87.2	88.5	-1.298	36.7	34.13	26.413	574.47	0	
"2011-08-07	12:00:00"	14.78	162.7	16.1	23.07	12.69	163.8	16.35	21.87	91	92.6	-1.598	27.01	24.42	26.406	742.68	0	
"2011-08-07	13:00:00"	13.11	156	23.37	21.28	11.05	158.1	23.08	18.89	93.1	95.1	-2.085	24.48	21.67	26.395	862.06	0	
"2011-08-07	14:00:00"	12.38	135.1	18.8	23.07	10.32	137.9	20.91	18.89	94.5	96.9	-2.421	22.91	19.94	26.38	920.84	0	
"2011-08-07	15:00:00"	9.17	129.8	33.95	18.89	7.814	132.1	36.69	18.3	95.9	98	-2.127	21.64	18.87	26.358	901.15	0	
"2011-08-07	16:00:00"	7.594	146.8	48.38	17.7	6.501	151.6	55.5	15.31	96.8	98.8	-1.984	20.43	17.8	26.335	854.89	0	
"2011-08-07	17:00:00"	8.25	107.5	41.56	18.89	6.999	110.2	43.01	15.91	98.3	100.4	-2.174	18.12	15.49	26.31	735.91	0	
"2011-08-07	18:00:00"	8.68	86.4	41.46	19.49	7.084	88.3	44.85	15.91	98.9	100.9	-1.979	16.81	14.32	26.287	571.74	0	
"2011-08-07	19:00:00"	8.57	116.4	22.53	15.31	6.979	119.4	24.86	12.93	98.9	100.4	-1.556	16.49	14.15	26.278	353.49	0	
"2011-08-07	20:00:00"	9.87	101.2	85	22.47	6.904	98.2	86.5	18.3	95.6	96.4	-0.806	22.7	20.59	26.291	35.861	0	
"2011-08-07	21:00:00"	11.75	267.1	31.19	23.07	8.89	270.6	32.68	18.89	87.3	87.6	-0.318	38.07	36.09	26.313	4.2043	0	
"2011-08-07	22:00:00"	4.655	202.2	19.65	10.54	5.822	202.4	20.59	12.93	85.1	85.2	-0.115	40.57	38.77	26.311	0.00297	0	
"2011-08-07	23:00:00"	4.736	167.4	17.66	7.561	3.588	162.7	22.19	6.964	83.6	83.5	0.1	40.45	38.91	26.316	0	0	
"2011-08-08	00:00:00"	3.334	152.8	13.35	6.368	1.683	140.9	18.65	4.578	83.3	82.6	0.721	39.22	38.18	26.328	0	0	
"2011-08-08	01:00:00"	8.18	167.7	9.68	14.12	6.54	167.4	11.65	12.33	83.2	82.8	0.416	37.62	36.69	26.339	0	0	
"2011-08-08	02:00:00"	12.05	176.4	6.289	17.1	9.6	175.2	8	14.12	82.6	82.2	0.332	38.32	37.18	26.34	0	0	
"2011-08-08	03:00:00"	9.76	179	7.01	15.31	7.736	177.7	8.43	13.52	81.3	81	0.322	41.46	40.14	26.341	0	0	
"2011-08-08	04:00:00"	8.42	187.9	7.975	12.33	6.734	189.2	9.66	9.95	79.55	79.25	0.302	44.14	42.81	26.336	0	0	
"2011-08-08	05:00:00"	8.7	187	8.07	12.93	7.016	188.5	9.28	11.14	78.42	78.11	0.308	46.49	45.16	26.333	0	0	
"2011-08-08	06:00:00"	8.41	188.5	8.34	13.52	6.553	191.3	9.77	10.54	77.39	77.01	0.374	48.8	47.55	26.332	0	0	
"2011-08-08	07:00:00"	7.031	196.8	9.54	13.52	5.142	199.5	11.99	11.14	75.33	74.96	0.368	52.71	51.49	26.337	0.07013	0	
"2011-08-08	08:00:00"	11.11	179.4	8.79	17.7	8.8	179.5	11.13	15.31	75.78	75.62	0.165	52.54	51.28	26.344	37.258	0	
"2011-08-08	09:00:00"	14.36	179.1	7.383	21.87	11.86	178.5	9.53	18.89	78.1	78.39	-0.285	48.31	46.41	26.349	192.44	0	
"2011-08-08	10:00:00"	16.59	183.8	8.98	24.86	13.84	184.1	11.36	21.28	81.5	82.2	-0.782	45.01	42.36	26.349	381.26	0	
"2011-08-08	11:00:00"	12.85	193.9	14.89	21.28	10.66	194.9	17.5	17.7	85.2	86.6	-1.394	41.66	38.57	26.349	572.34	0	
"2011-08-08	12:00:00"	11.27	183.7	15.82	18.3	9.53	184.3	18.79	17.1	89.1	90.9	-1.805	37.08	34.01	26.342	740.06	0	
"2011-08-08	13:00:00"	12.28	176.5	17.65	19.49	10.47	176	20.42	17.1	92.3	94.3	-1.982	32.46	29.38	26.332	860.41	0	
"2011-08-08	14:00:00"	10.44	167.9	26.16	19.49	8.96	168.7	28.47	16.51	94.7	96.8	-2.112	28.74	25.7	26.316	921.14	0	
"2011-08-08	15:00:00"	7.942	203	52.11	18.89	6.833	205.7	53.5	15.91	96.6	98.6	-2.082	26.43	23.49	26.298	901.96	0	
"2011-08-08	16:00:00"	7.848	209.3	48.16	17.7	6.731	214.1	51.17	15.91	98.2	100	-1.883	24.59	21.82	26.277	854.42	0	
"2011-08-08	17:00:00"	6.762	192.6	55.98	15.91	5.628	193.6	57.69	15.31	99.4	101.1	-1.703	22.91	20.29	26.258	728.69	0	
"2011-08-08	18:00:00"	7.845	110.3	52.16	17.1	6.595	114.3	54.4	15.91	100.1	101.9	-1.868	21.67	18.99	26.24	558.91	0	
"2011-08-08	19:00:00"	6.94	146.2	50.24	14.72	5.846	149.2	50.83	12.93	100	101.3	-1.314	21.36	18.95	26.23	358.7	0	
"2011-08-08	20:00:00"	7.393	128.3	15.35	14.72	6.012	132.1	16.73	12.33	99.6	100.3	-0.698	21.33	19.2	26.228	113.45	0	
"2011-08-08	21:00:00"	7.832	117.1	7.077	10.54	5.289	118.8	10.9	8.16	96.8	96.6	0.186	22.47	20.81	26.234	9.8883	0	
"2011-08-08	22:00:00"	8.99	123.6	7.29	12.33	6.021	124.7	10.53	9.35	93.3	92.8	0.482	24.79	23.35	26.247	0.00067	0	
"2011-08-08	23:00:00"	10.18	136.5	10.55	14.12	7.71	139	11.47	11.74	91.4	91	0.389	25.67	24.29	26.265	0	0	
"2011-08-09	00:00:00"	10.36	155.2	8.58	15.31	8.59	156.5	8.3	13.52	89.5	89.2	0.292	25.9	24.49	26.277	0	0	
"2011-08-09	01:00:00"	12.08	168.4	8.92	21.28	9.93	168.3	9.26	17.1	87.6	87.3	0.287	30.31	28.91	26.293	0	0	
"2011-08-09	02:00:00"	12.9	172.2	7.484	21.28	10.53	172.2	8.91	18.89	86.2	85.9	0.245	36.92	35.6	26.298	0	0	
"2011-08-09	03:00:00"	14.9	177	6.68	20.09	11.96	176.3	8.63	17.1	84.6	84.4	0.254	40.02	38.71	26.295	0	0	
"2011-08-09	04:00:00"	13.71	178.9	6.523	18.89	11.06	178.5	8.22	16.51	82.6	82.4	0.24	42.91	41.46	26.295	0	0	
"2011-08-09	05:00:00"	9.66	193.9	17.31	15.91	7.679	196.6	21.04	13.52	80.5	80.3	0.272	45.88	44.55	26.302	0	0	
"2011-08-09	06:00:00"	5.979	208.6	10.83	8.75	3.941	210.5	14.62	6.964	78.96	78.26	0.695	47.95	47.13	26.309	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-09	07:00:00"	4.6	205.5	13.84	7.561	2.815	209.6	19.14	5.771	78.56	77.81	0.746	48.47	47.75	26.318	0.06562	0	
"2011-08-09	08:00:00"	5.621	158.7	24.62	7.561	3.76	151.9	29.77	6.368	78.16	77.6	0.563	48.41	47.46	26.331	25.862	0	
"2011-08-09	09:00:00"	10.55	176.7	15.55	18.89	8.52	176.7	17.95	16.51	79.78	79.99	-0.209	46.38	44.55	26.341	186.1	0	
"2011-08-09	10:00:00"	12.95	173.4	12.83	18.89	10.96	172.5	13.74	15.91	83.1	83.8	-0.774	43.04	40.38	26.355	332.45	0	
"2011-08-09	11:00:00"	10.7	164.5	13.6	17.7	9.25	164.5	14.55	15.31	86.4	87.5	-1.164	40.94	38.17	26.362	529.64	0	
"2011-08-09	12:00:00"	9.51	155.5	18.65	14.72	8.24	157.6	19.63	12.93	90	91.5	-1.488	37.58	34.77	26.366	720.95	0	
"2011-08-09	13:00:00"	11.74	142.3	21.7	23.07	9.86	145.4	22.97	20.68	94.6	96.5	-1.915	28.82	26.1	26.351	858.52	0	
"2011-08-09	14:00:00"	14.31	135	21.16	30.22	11.86	138.6	21.76	24.26	96.6	98.9	-2.373	24.66	21.68	26.335	922.29	0	
"2011-08-09	15:00:00"	14.56	129.4	17.43	22.47	11.87	132.2	19.57	19.49	97.6	100.2	-2.585	24.46	21.32	26.318	898.77	0	
"2011-08-09	16:00:00"	15.25	145	17	25.45	12.79	146.7	17.28	22.47	98.1	100.5	-2.333	24.03	21.04	26.297	847.71	0	
"2011-08-09	17:00:00"	15.38	132.1	17.62	27.24	12.76	134.8	19.41	24.26	98.9	101.2	-2.357	22.6	19.63	26.28	718.3	0	
"2011-08-09	18:00:00"	14.37	139.8	16.74	27.84	11.88	143.3	17.15	21.87	98.7	100.4	-1.655	22.92	20.3	26.266	500.73	0	
"2011-08-09	19:00:00"	13.97	127.5	16.87	22.47	11.3	130.9	18.06	20.09	98.9	100.4	-1.483	21.24	18.77	26.257	371.29	0	
"2011-08-09	20:00:00"	14.48	137.4	10.84	20.68	11.62	140.8	11.26	17.1	98.2	99	-0.788	20.75	18.61	26.261	177.53	0	
"2011-08-09	21:00:00"	11.28	128.8	7.918	18.89	8.55	132.1	9.49	15.31	95.5	95.4	0.107	22.82	21.13	26.273	17.353	0	
"2011-08-09	22:00:00"	8.9	132.5	6.001	13.52	7.635	135.2	7.39	12.33	92.1	91.6	0.455	26.66	25.24	26.284	0	0	
"2011-08-09	23:00:00"	10.66	139.7	6.1	14.12	8.25	142.6	7.037	11.74	90.3	89.8	0.44	28.34	27.02	26.303	0	0	
"2011-08-10	00:00:00"	9.11	144.6	7.972	13.52	6.845	146.6	8.6	11.74	87.7	87.1	0.527	30.55	29.31	26.322	0	0	
"2011-08-10	01:00:00"	9.77	158.5	8.81	15.31	8.1	158.9	8.44	11.14	85.5	85.2	0.277	33.74	32.38	26.321	0	0	
"2011-08-10	02:00:00"	12.45	178.9	9.66	18.3	10.27	179.4	11.19	15.91	84.4	84.1	0.254	39.59	38.22	26.322	0	0	
"2011-08-10	03:00:00"	12.53	184.1	8.04	19.49	10.46	183.5	9.69	16.51	83.1	82.8	0.228	44.82	43.38	26.317	0	0	
"2011-08-10	04:00:00"	9.65	188.3	8.56	14.12	8.04	188.4	9.94	12.33	81.4	81.2	0.23	48.71	47.35	26.315	0	0	
"2011-08-10	05:00:00"	9.03	178	10.54	13.52	7.097	177.7	12.05	10.54	79.54	79.18	0.356	52.15	51.03	26.305	0	0	
"2011-08-10	06:00:00"	9.1	165.4	9.08	14.72	7.422	165.4	9.26	11.74	78.76	78.46	0.298	53.36	52.26	26.291	0	0	
"2011-08-10	07:00:00"	8.14	168.4	9.34	12.33	6.424	169	9.86	9.35	77.56	77.28	0.28	54.1	52.99	26.29	0.01868	0	
"2011-08-10	08:00:00"	8.74	175.3	7.535	13.52	6.847	175.5	9.16	10.54	76.77	76.54	0.226	54.75	53.64	26.296	35.499	0	
"2011-08-10	09:00:00"	11.23	170.2	9.12	20.09	9.39	168.7	10.2	18.89	79.55	79.78	-0.225	50.1	48.29	26.309	188.15	0	
"2011-08-10	10:00:00"	14.04	178.5	9.4	21.28	11.68	177.7	12.14	19.49	82.9	83.7	-0.82	45.94	43.28	26.313	380.34	0	
"2011-08-10	11:00:00"	10.71	195	15.72	17.1	8.91	196	18.59	15.31	86.8	88.2	-1.372	40.9	37.92	26.312	577.23	0	
"2011-08-10	12:00:00"	8.22	203.6	22.61	14.72	7.011	206.3	27.34	14.12	90.5	92	-1.529	34.22	31.49	26.31	748.21	0	
"2011-08-10	13:00:00"	6.844	208	40.97	14.12	5.848	212.7	43.54	13.52	93.7	95.7	-1.928	29.23	26.35	26.3	868.63	0	
"2011-08-10	14:00:00"	5.84	252.3	65.94	14.12	4.913	254.2	68.83	11.74	96.1	98	-1.93	24.81	22.08	26.284	926.02	0	
"2011-08-10	15:00:00"	6.818	247.6	63.82	23.66	5.886	250.5	62.38	23.66	98.1	100.3	-2.131	21.72	18.96	26.261	908.22	0	
"2011-08-10	16:00:00"	7.993	204.4	54.03	15.91	6.728	206.2	53	14.72	99.9	102	-2.076	19.29	16.66	26.238	869.01	0	
"2011-08-10	17:00:00"	9.27	168.2	48.64	20.09	7.797	170.2	49.27	17.1	100	101.8	-1.843	17.34	14.88	26.217	589.6	0	
"2011-08-10	18:00:00"	5.978	116.5	54.92	12.93	4.989	121.9	56.52	11.74	100.9	102.4	-1.519	14.55	12.32	26.202	503.46	0	
"2011-08-10	19:00:00"	6.572	131.8	34.94	13.52	5.56	131.9	38.9	12.93	100.9	102.2	-1.291	14.87	12.67	26.195	359.81	0	
"2011-08-10	20:00:00"	7.572	167.9	27.76	14.12	6.341	168.4	29.08	12.33	100.8	101.4	-0.648	14.43	12.48	26.2	184.25	0	
"2011-08-10	21:00:00"	9.08	129.5	42.03	18.89	7.353	132.7	41.81	16.51	98.1	98.3	-0.189	18.78	16.95	26.216	21.594	0	
"2011-08-10	22:00:00"	13.76	160.1	33.9	31.42	11.17	159.9	35.97	28.43	93.7	93.8	-0.056	26.49	24.75	26.235	0	0	
"2011-08-10	23:00:00"	12.56	171.4	8.94	20.68	10.43	170.2	9.95	17.7	89.1	89.1	0.052	33.1	31.55	26.267	0	0	
"2011-08-11	00:00:00"	7.218	203.2	28.26	12.33	5.763	206.2	31.58	10.54	86.3	86.1	0.186	35.51	34.16	26.285	0	0	
"2011-08-11	01:00:00"	7.324	190.3	34.18	15.31	5.836	188.3	35.32	13.52	85	84.6	0.34	36.12	34.97	26.303	0	0	
"2011-08-11	02:00:00"	8.36	164.2	10.03	12.93	6.877	164.1	10.52	9.95	82.7	82.6	0.109	39.75	38.33	26.303	0	0	
"2011-08-11	03:00:00"	9.23	159.3	10.84	14.72	7.737	159.8	10.75	12.33	81.9	81.9	0.043	42.24	40.53	26.297	0	0	

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-11	04:00:00"	10.36	170.9	10.57	15.31	8.61	170.8	11.51	13.52	81.9	81.9	0.023	45.8	44.11	26.286	0
"2011-08-11	05:00:00"	9.12	189.3	12.52	13.52	7.408	190.8	15.19	12.33	80.5	80.4	0.102	48.02	46.49	26.29	0
"2011-08-11	06:00:00"	7.256	212.2	15.65	11.74	5.715	214.4	16.44	9.35	78.28	78.12	0.159	49.79	48.38	26.308	0
"2011-08-11	07:00:00"	5.349	213.3	11.1	9.35	3.972	214.6	12.51	8.16	77.16	76.87	0.298	51.72	50.49	26.311	0.02932
"2011-08-11	08:00:00"	6.393	226.6	13.74	12.93	5.07	229	16.3	11.14	76.21	76.07	0.134	53.6	52.23	26.32	30.766
"2011-08-11	09:00:00"	8.04	249.7	15.04	11.74	6.697	252.9	17.61	10.54	78.3	78.65	-0.348	50.84	48.84	26.326	180.18
"2011-08-11	10:00:00"	10.91	284.4	13.54	15.91	7.637	288.4	15.08	14.12	83.8	85.2	-1.398	40.96	38.02	26.332	369.96
"2011-08-11	11:00:00"	10.3	335.5	38.16	15.91	7.72	336.8	38.12	15.31	88.2	90.4	-2.193	35.24	32	26.341	560.96
"2011-08-11	12:00:00"	8.47	82.8	49.24	16.51	7.03	85.6	54.2	14.12	89.5	91.6	-2.129	34.28	30.98	26.354	724.53
"2011-08-11	13:00:00"	6.007	136.5	53.75	18.3	5.018	136.7	56.63	17.1	91.9	93.7	-1.791	31.8	28.89	26.344	789.45
"2011-08-11	14:00:00"	8.96	133.8	42.39	16.51	7.546	135.5	46.4	15.91	94.1	96.4	-2.294	29.61	26.4	26.327	903.03
"2011-08-11	15:00:00"	7.776	132.2	54.18	18.3	6.587	134.2	53.1	15.91	95.7	97.6	-1.967	26.93	24.02	26.303	796.2
"2011-08-11	16:00:00"	9.22	203	51.52	26.65	7.656	204.5	51.02	24.86	95.5	96.5	-0.992	27	24.68	26.28	215.34
"2011-08-11	17:00:00"	15.72	230.3	17.59	30.82	13	231	19.6	24.26	91.8	92.4	-0.625	30.67	28.62	26.271	131.07
"2011-08-11	18:00:00"	9.42	205.6	39.46	19.49	7.541	207.7	41.78	17.1	86.6	86.9	-0.253	38.76	37.8	26.306	59.894
"2011-08-11	19:00:00"	13.22	325.4	9.55	23.66	9.41	327.9	11.48	18.89	81.6	81.5	0.059	50.72	50.4	26.311	43.839
"2011-08-11	20:00:00"	10.31	338.6	22.29	18.3	7.405	340.5	22.75	15.91	80.7	81	-0.293	51.4	49.52	26.307	34.438
"2011-08-11	21:00:00"	9.72	63	27.12	23.66	7.564	64.47	29.33	20.68	81.2	81.5	-0.338	50.62	48.51	26.333	3.8793
"2011-08-11	22:00:00"	12.78	53.05	12.51	24.86	10.15	53.29	14.02	22.47	78.7	78.81	-0.108	57.83	56.09	26.338	0
"2011-08-11	23:00:00"	13.07	55.91	9.04	18.89	10.26	56.5	10.55	15.91	77.65	77.68	-0.031	58.24	56.7	26.35	0
"2011-08-12	00:00:00"	12.37	76.57	12.32	18.3	9.49	77.31	14.38	14.72	78.15	78.39	-0.241	56.58	54.64	26.358	0
"2011-08-12	01:00:00"	13.31	104.7	13.06	20.68	10.16	107.1	16.14	17.1	76.7	77.07	-0.37	61.45	59.35	26.38	0
"2011-08-12	02:00:00"	12.8	141.3	11.15	17.7	10.45	144.5	11.08	15.91	75.33	75.53	-0.202	68.21	66.41	26.403	0
"2011-08-12	03:00:00"	11.68	131.3	10.49	21.28	9.21	134.5	12.03	18.89	74.55	74.75	-0.201	69.72	67.95	26.401	0
"2011-08-12	04:00:00"	13.68	127.9	8.9	19.49	10.59	131.9	10.55	17.1	73.72	73.91	-0.184	71.18	69.46	26.396	0
"2011-08-12	05:00:00"	12.5	148.1	9.11	18.89	10.44	149.9	8.62	15.31	73.72	73.85	-0.136	66.39	64.74	26.395	0
"2011-08-12	06:00:00"	11.21	158.1	12.56	17.7	9.4	159.2	12.35	15.91	73	73.07	-0.072	70.26	68.76	26.392	0
"2011-08-12	07:00:00"	7.038	193.5	9.84	12.33	5.696	196.2	11.73	10.54	71.61	71.63	-0.012	75.49	74.16	26.387	0
"2011-08-12	08:00:00"	7.062	216.9	12.33	11.14	5.537	220.9	14.33	9.35	71.5	71.49	0.012	74.95	73.83	26.386	17.531
"2011-08-12	09:00:00"	6.787	222.5	15.28	11.74	5.59	226.8	15.97	9.95	72.29	72.45	-0.162	72.23	70.76	26.382	80.7
"2011-08-12	10:00:00"	9.13	243.4	13.25	14.72	7.744	246.6	15.87	12.93	75.8	76.52	-0.715	65.43	62.92	26.38	351.03
"2011-08-12	11:00:00"	9.4	235.7	23.21	14.72	7.91	238.8	26.5	12.93	81.6	83.1	-1.511	52.24	48.51	26.386	592.04
"2011-08-12	12:00:00"	8.68	202.5	28.48	16.51	7.318	201.6	31.48	14.72	84.3	86.1	-1.748	46.78	42.78	26.391	727.4
"2011-08-12	13:00:00"	7.77	192.4	41.4	16.51	6.596	195.2	45.69	14.12	85.8	87.7	-1.865	44.61	40.51	26.388	818.56
"2011-08-12	14:00:00"	5.801	178.4	62.66	14.12	5.047	180	62.22	12.93	88.4	90.2	-1.798	39.5	36.2	26.375	802.34
"2011-08-12	15:00:00"	8.65	122.8	55.75	23.66	7.365	127.4	59.47	18.89	90.6	92.6	-1.992	36.12	32.86	26.363	772.65
"2011-08-12	16:00:00"	8.64	129.8	34.11	18.89	7.247	131.6	38.69	15.91	91.2	93.4	-2.14	34.52	31.17	26.342	739.1
"2011-08-12	17:00:00"	9.88	132.6	25.19	21.28	8.1	137	27.27	18.3	92.8	94.8	-1.995	32.77	29.61	26.32	636.51
"2011-08-12	18:00:00"	11.68	137.7	29.52	21.87	9.77	140.8	29.68	17.7	93.4	95.3	-1.978	32.66	29.51	26.306	539.32
"2011-08-12	19:00:00"	10.46	153.4	21.32	19.49	9	154.3	21.7	18.89	93.4	94.6	-1.251	31.88	29.27	26.302	309.29
"2011-08-12	20:00:00"	11.3	147.3	11.3	17.1	9.52	149.8	11.52	14.12	92.5	93.1	-0.579	32.19	30.09	26.309	49.63
"2011-08-12	21:00:00"	10.46	207.4	45.47	17.7	8.66	208.5	45.79	14.12	88.6	88.9	-0.347	37.42	35.44	26.328	4.6012
"2011-08-12	22:00:00"	6.096	270.7	17.71	13.52	4.382	277.6	19.99	11.74	85.4	85.4	0.044	42.49	40.64	26.352	0
"2011-08-12	23:00:00"	4.812	3.308	26.47	6.964	2.872	14.91	23.86	5.175	84	83.3	0.747	45.4	43.85	26.363	0
"2011-08-13	00:00:00"	4.526	345	80.9	8.75	3.077	334	84.3	7.561	82.2	81.8	0.436	47.95	46.57	26.374	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-13	01:00:00"	4.192	271.9	24.27	5.771	2.363	274.8	25.75	3.982	82.1	81.1	0.965	47.61	46.84	26.38	0
"2011-08-13	02:00:00"	8.1	188.4	22.15	17.7	6.634	188.5	24.85	15.31	80	79.67	0.326	52.33	51.1	26.386	0
"2011-08-13	03:00:00"	5.498	225.9	33.6	14.72	5.833	229.7	36.15	12.33	79	78.83	0.168	53.51	52.17	26.389	0
"2011-08-13	04:00:00"	8.08	319.2	38.81	14.72	5.424	323.4	35.49	11.74	77.79	77.23	0.563	55.23	54.49	26.396	0
"2011-08-13	05:00:00"	8.06	26.3	16.96	12.93	6.028	24.87	20.43	9.95	75.08	74.88	0.193	57.54	56.3	26.396	0
"2011-08-13	06:00:00"	5.633	41.74	10.61	8.16	3.937	39.76	12.24	6.368	73.36	72.84	0.527	61.87	60.99	26.384	0
"2011-08-13	07:00:00"	5.677	65.24	13.51	8.16	3.174	54.76	21.38	5.175	72.96	71.85	1.107	63.84	63.19	26.386	0
"2011-08-13	08:00:00"	7.829	77.13	11.94	11.14	5.443	74.64	14.03	8.75	71.14	71.37	-0.228	66.79	64.7	26.415	20.47
"2011-08-13	09:00:00"	10.14	120.6	16.43	14.72	8.02	123.3	18.93	12.93	74.86	75.56	-0.701	64.69	61.98	26.433	148.91
"2011-08-13	10:00:00"	11.07	131.4	11.04	16.51	8.93	135.2	12.74	13.52	78.4	79.55	-1.15	67.03	63.55	26.445	331.12
"2011-08-13	11:00:00"	13.1	131.2	13.39	20.09	10.69	135.5	14.54	17.1	80.3	82	-1.698	62.3	58.07	26.458	531.7
"2011-08-13	12:00:00"	9.99	150.5	23	18.3	8.56	152	23.28	17.1	82.9	84.5	-1.629	55.7	51.61	26.475	740.9
"2011-08-13	13:00:00"	9.59	148.2	28.25	20.09	8.02	152.2	29.46	17.1	85.9	87.9	-1.962	48.45	44.1	26.483	691.14
"2011-08-13	14:00:00"	13.32	124	24.71	24.26	11	126.5	26.42	21.87	89	91.5	-2.527	39.85	35.83	26.472	899.01
"2011-08-13	15:00:00"	13.97	98.9	16.84	23.66	11.18	101.8	20.07	20.09	89.9	92.5	-2.574	37.34	33.48	26.455	732.35
"2011-08-13	16:00:00"	15.53	102.2	19.88	25.45	12.51	104.9	23.05	21.87	90.3	92.8	-2.479	36.69	32.91	26.433	681.36
"2011-08-13	17:00:00"	16.69	97.2	16.23	24.86	13.37	99.2	19.13	21.87	89.4	91.7	-2.381	39.5	35.66	26.423	662.53
"2011-08-13	18:00:00"	16.2	110.1	12.68	31.42	12.82	113.7	16.13	29.63	88.9	90.8	-1.935	38.87	35.46	26.425	394.5
"2011-08-13	19:00:00"	16.49	125.5	12.63	24.26	12.97	129.3	14.31	21.28	87.8	89.2	-1.35	39.86	36.9	26.428	213.48
"2011-08-13	20:00:00"	16.26	122.8	11.14	23.66	12.56	126.3	13.41	20.68	87.6	88.4	-0.841	39.03	36.71	26.445	143.34
"2011-08-13	21:00:00"	13.36	130.8	8.56	20.68	10.3	134.5	9.73	17.7	86.4	86.8	-0.416	39.73	37.62	26.451	17.671
"2011-08-13	22:00:00"	11.05	137.6	8.01	15.91	8.8	140.9	8.33	13.52	83.3	83.3	-0.088	45.68	43.6	26.469	0
"2011-08-13	23:00:00"	8.07	133.3	11.1	11.74	6.073	135.8	13.12	9.95	80.2	80.3	-0.089	50.55	48.53	26.494	0
"2011-08-14	00:00:00"	7.443	123.4	7.599	10.54	4.989	125.7	10.31	7.561	77.47	77.31	0.159	53.74	52.22	26.498	0
"2011-08-14	01:00:00"	7.457	128.2	6.188	9.95	4.933	130.2	8.16	8.16	75.46	75.28	0.18	58.63	56.98	26.506	0
"2011-08-14	02:00:00"	6.54	116.3	11.39	9.35	4.122	115	16.46	6.964	74.33	74.11	0.225	62.72	61.07	26.515	0
"2011-08-14	03:00:00"	7.792	121.8	9.4	10.54	5.518	124	12.38	8.75	73.14	72.88	0.254	64.62	63.58	26.52	0
"2011-08-14	04:00:00"	6.306	127	9.5	9.35	4.106	127.2	11.97	8.16	72.43	72.2	0.232	62.33	61.23	26.521	0
"2011-08-14	05:00:00"	4.649	95.2	10.4	6.368	2.337	72.63	18.4	3.982	70.78	70.27	0.506	65.37	64.04	26.519	0
"2011-08-14	06:00:00"	7.066	72.64	6.67	8.75	4.15	64.61	7.769	6.368	68.89	67.96	0.922	69.56	69	26.512	0
"2011-08-14	07:00:00"	7.421	57.51	7.046	9.95	5.057	54.96	9.46	8.16	68.61	67.9	0.708	71.87	71.52	26.513	0.02463
"2011-08-14	08:00:00"	7.736	58.25	8.2	10.54	5.703	58.31	9.52	8.16	68.06	67.82	0.239	73.1	72.09	26.521	30.177
"2011-08-14	09:00:00"	9.2	87.8	16.81	13.52	7.325	88.1	19.34	11.14	71.11	71.54	-0.429	69.26	67.08	26.532	169.03
"2011-08-14	10:00:00"	10.22	118.7	14.76	15.91	8.1	121.8	17.71	13.52	77.56	78.69	-1.128	57.85	54.45	26.536	376.5
"2011-08-14	11:00:00"	8.96	140.1	21.32	16.51	7.476	142	22.93	13.52	81.7	83.4	-1.692	50.06	45.84	26.533	444.86
"2011-08-14	12:00:00"	4.848	85.1	65.85	13.52	4.013	93	65.59	12.33	84.7	86.5	-1.766	44.9	40.9	26.53	573.18
"2011-08-14	13:00:00"	6.093	111.4	47.75	14.12	5.283	115.9	57.1	14.12	89.4	92.4	-2.927	37.34	33.07	26.514	824.79
"2011-08-14	14:00:00"	8.38	101.9	34.75	17.7	6.908	106.9	38.93	14.72	90.8	93.8	-3.027	33.06	28.91	26.492	833.29
"2011-08-14	15:00:00"	11.61	89.9	27.76	25.45	9.53	93.2	31.32	18.89	91.5	94.5	-3.04	29.78	25.87	26.479	825.84
"2011-08-14	16:00:00"	15.76	145.1	38.3	28.43	13.32	146	36.89	24.86	89.1	91.9	-2.787	38.45	34.03	26.467	681.86
"2011-08-14	17:00:00"	16.41	167.4	12.93	27.84	14.2	167.4	13.97	24.26	86.2	88.7	-2.513	42.79	38.08	26.454	577.38
"2011-08-14	18:00:00"	15.27	155.3	13.08	25.45	13.13	155.9	12.68	23.07	84.5	86.1	-1.577	43.72	39.92	26.436	276.49
"2011-08-14	19:00:00"	12.35	155.9	13.8	20.09	10.63	156.5	13.78	18.89	85.5	86.9	-1.436	40.16	37.01	26.421	329.74
"2011-08-14	20:00:00"	12.17	150	13.22	21.87	10.27	151.8	12.5	17.1	86.1	87.2	-1.066	38.14	35.48	26.411	171.11
"2011-08-14	21:00:00"	9.11	133.5	8.53	13.52	7.115	136.9	9.53	11.14	84.1	84.6	-0.487	39.1	36.85	26.421	19.486

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-14	22:00:00"	7.474	142.6	13.88	11.14	5.667	143.3	12.55	9.35	81	81	-0.021	42.53	40.53	26.432	0
"2011-08-14	23:00:00"	4.673	144	13.6	8.16	3.121	132.2	23.62	6.368	78.55	78.55	-0.001	48.67	46.21	26.454	0
"2011-08-15	00:00:00"	4.808	151.8	19.18	9.35	3.148	134	37.1	6.964	76.94	76.5	0.443	55.77	53.46	26.464	0
"2011-08-15	01:00:00"	6.306	167.9	8.01	9.95	4.931	166.9	9.14	8.16	76.58	76.27	0.305	59.09	57.7	26.461	0
"2011-08-15	02:00:00"	6.753	151.3	7.744	9.35	5.228	153.3	6.823	8.16	75.46	75.32	0.138	61.27	59.8	26.454	0
"2011-08-15	03:00:00"	7.611	141.3	6.94	11.14	5.674	143.3	7.587	8.16	74.62	74.45	0.177	62.81	61.34	26.442	0
"2011-08-15	04:00:00"	7.413	140	7.479	11.14	5.333	140	9.8	8.75	73.49	73.33	0.161	65.5	63.97	26.434	0
"2011-08-15	05:00:00"	7.002	141.3	6.9	12.33	6.079	142.4	8.12	9.95	72.28	71.97	0.302	69.22	68.1	26.425	0
"2011-08-15	06:00:00"	5.903	147.2	6.869	9.35	5.01	149.3	6.899	7.561	71.6	71.43	0.175	70.57	69.32	26.419	0
"2011-08-15	07:00:00"	5.017	142.5	19.82	9.95	3.33	124	43.87	8.16	71.51	71.05	0.462	70.37	69.41	26.416	0
"2011-08-15	08:00:00"	3.875	118.3	11.59	6.368	1.844	84	21.27	3.386	70.03	69.1	0.927	72.94	72.61	26.421	14.269
"2011-08-15	09:00:00"	6.053	128.5	13.83	10.54	4.205	123.6	20.83	9.35	70.82	70.45	0.376	71.08	70.71	26.429	90.768
"2011-08-15	10:00:00"	11.78	164.5	14.19	18.89	9.92	164.1	13.78	17.1	77.44	77.9	-0.46	54.63	52.74	26.438	250.77
"2011-08-15	11:00:00"	12.64	185.7	11.37	18.89	10.6	186.3	14.88	17.1	80.3	81.4	-1.043	47.83	44.98	26.44	456.43
"2011-08-15	12:00:00"	12.63	185.2	15.69	23.07	10.66	186.2	18.66	21.87	84.1	85.9	-1.75	39.3	36.23	26.432	726.19
"2011-08-15	13:00:00"	11.09	183.3	22.63	17.7	9.46	184.2	24.38	15.91	86.6	88.6	-1.976	35.7	32.53	26.418	842.47
"2011-08-15	14:00:00"	9.82	203.9	25.35	20.09	8.33	206.3	28.27	18.3	89.1	91.1	-2.011	32.18	29.1	26.4	886.06
"2011-08-15	15:00:00"	9.66	197.1	30.77	20.09	8.25	198.1	34.5	19.49	90.4	92.4	-1.964	30.78	27.74	26.379	740.31
"2011-08-15	16:00:00"	10.97	187.4	21.03	23.07	9.22	187.6	25.11	20.68	90.9	92.6	-1.685	31.14	28.28	26.36	540.9
"2011-08-15	17:00:00"	11.44	184.6	22.8	24.26	9.6	185.6	26.06	20.09	92.1	93.7	-1.663	29.38	26.63	26.342	628.25
"2011-08-15	18:00:00"	12.44	179.4	18.99	24.26	10.56	179.2	21.31	21.28	92.5	93.8	-1.343	28.59	26.06	26.331	387.15
"2011-08-15	19:00:00"	12.15	176	13.84	20.68	10.21	175.2	15.63	18.3	92.6	93.6	-0.99	27.28	24.99	26.327	258.69
"2011-08-15	20:00:00"	10.7	183.8	8.42	17.7	8.66	183	10.88	16.51	91.8	92	-0.26	27.2	25.41	26.325	50.13
"2011-08-15	21:00:00"	12.03	175.3	6.486	18.3	9.54	173.3	8.71	14.12	90.2	90	0.15	27.93	26.45	26.326	7.2005
"2011-08-15	22:00:00"	9.1	162.1	11.29	12.93	7.441	161.2	10.54	11.14	87.3	87	0.255	29.99	28.58	26.342	0
"2011-08-15	23:00:00"	9.29	156.2	7.827	13.52	7.728	156.4	7.147	11.14	85.4	85.2	0.208	33.23	31.86	26.365	0
"2011-08-16	00:00:00"	9.73	166.8	9.62	15.31	8.01	165.2	10.06	11.74	83.4	83.1	0.281	33.22	31.99	26.378	0
"2011-08-16	01:00:00"	9.56	181.1	8.81	17.1	7.543	180	10.48	14.12	82.3	81.9	0.383	31.67	30.49	26.391	0
"2011-08-16	02:00:00"	12.43	179.5	6.963	18.89	9.72	178.5	9.28	14.12	81.6	81.3	0.261	35.23	33.96	26.391	0
"2011-08-16	03:00:00"	12.59	177.4	6.617	17.7	9.94	175.8	9.02	14.12	80.4	80.2	0.216	38.37	37.11	26.386	0
"2011-08-16	04:00:00"	11.1	176	6.84	15.31	8.74	174.6	8.94	13.52	79.26	78.99	0.266	40.5	39.18	26.386	0
"2011-08-16	05:00:00"	10.41	173.9	7.087	15.31	8.21	172.4	8.63	12.33	78.36	78.05	0.313	41.92	40.61	26.383	0
"2011-08-16	06:00:00"	9.14	173.3	7.906	12.93	7.161	172.4	8.82	11.14	77.36	77.04	0.319	43.6	42.35	26.383	0
"2011-08-16	07:00:00"	7.963	177.4	7.704	11.74	6.097	175.8	9.41	9.35	76.52	76.19	0.337	45.37	44.16	26.39	0
"2011-08-16	08:00:00"	7.881	172.5	9.77	11.74	6.213	171.8	10.07	9.95	75.69	75.45	0.241	47.18	45.95	26.403	29.445
"2011-08-16	09:00:00"	12.4	172.2	9.08	18.89	10.15	171.6	10.15	17.1	77.73	77.93	-0.196	45.06	43.26	26.41	177.99
"2011-08-16	10:00:00"	14.51	175.7	10.04	20.09	11.91	174.4	11.83	17.7	80.1	80.9	-0.805	42.75	40.12	26.416	368.77
"2011-08-16	11:00:00"	13.38	180.6	10.68	18.89	11.15	180.1	13.19	16.51	82.5	83.8	-1.256	41.16	38.26	26.42	475.42
"2011-08-16	12:00:00"	11.63	184.1	14.11	19.49	9.78	184	17.29	17.1	86.3	88.1	-1.76	37.45	34.39	26.421	684.91
"2011-08-16	13:00:00"	10.57	175.2	16.71	19.49	9.02	175.4	19.03	18.3	89.5	91	-1.506	33.55	30.81	26.414	608.23
"2011-08-16	14:00:00"	10.42	167.7	20.15	17.7	8.92	167.9	22.41	16.51	91.6	93.5	-1.898	30.47	27.51	26.402	844.64
"2011-08-16	15:00:00"	8.61	195.4	32.09	20.09	7.349	200.1	38.36	16.51	93.3	94.9	-1.656	29.3	26.53	26.388	654.1
"2011-08-16	16:00:00"	9.86	153.1	27.45	20.09	8.39	153.7	31.32	17.1	93.9	95.4	-1.518	28.83	26.16	26.376	513.92
"2011-08-16	17:00:00"	10.44	158.7	25.04	21.28	8.82	160.6	26.89	18.89	95.3	97.2	-1.821	27.57	24.73	26.364	670.72
"2011-08-16	18:00:00"	10	160.9	28.25	18.3	8.43	162.7	28.72	15.91	95.7	97.4	-1.65	26.85	24.14	26.353	458.63

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-16	19:00:00"	10.92	157.1	23.16	20.09	9.23	158.5	23.23	17.7	95.9	97.1	-1.151	26.54	24.14	26.342	338.45	0	
"2011-08-16	20:00:00"	10.36	157.2	21.95	20.09	8.68	158	21.25	17.1	95.7	96.4	-0.698	26.41	24.27	26.345	160.26	0	
"2011-08-16	21:00:00"	12.71	144.4	7.036	18.3	10.4	146.4	7.661	15.91	93.6	93.7	-0.16	27.9	26.1	26.361	6.2335	0	
"2011-08-16	22:00:00"	11.75	145.7	6.814	17.1	9.59	148.1	7.211	14.72	90.8	90.7	0.128	29.04	27.5	26.385	0	0	
"2011-08-16	23:00:00"	12.52	148	8.46	17.7	10.25	149.9	8.71	15.91	88.5	88.3	0.185	30.79	29.32	26.418	0	0	
"2011-08-17	00:00:00"	12.03	152.8	9.27	17.1	10.08	154	8.66	15.31	86.9	86.8	0.124	31.93	30.47	26.443	0	0	
"2011-08-17	01:00:00"	4.913	249.5	63.98	12.33	3.491	260	68.54	9.95	85.1	84.2	0.937	34.12	33.29	26.479	0	0	
"2011-08-17	02:00:00"	4.561	214.5	31.97	9.35	3.198	220.7	35.84	8.16	84.4	83.7	0.679	36.34	35.35	26.501	0	0	
"2011-08-17	03:00:00"	4.561	241.6	22.94	8.16	3.141	250.7	27.68	5.771	82.4	81.7	0.698	39.11	38.15	26.508	0	0	
"2011-08-17	04:00:00"	4.644	337.5	27.03	8.16	3.402	359.4	15.62	5.175	81.7	76.58	5.097	40.5	43.99	26.511	0	0	
"2011-08-17	05:00:00"	8.46	22.91	7.001	12.33	5.999	22.15	12.84	9.95	74.43	73.76	0.674	54.57	53.66	26.517	0	0	
"2011-08-17	06:00:00"	8.18	15.64	9.63	10.54	5.403	13.98	14.61	8.16	73.68	73.03	0.642	60.14	59.52	26.518	0	0	
"2011-08-17	07:00:00"	8.65	7.062	6.455	12.33	5.758	4.56	10.69	9.95	73.49	72.71	0.779	60.31	60.04	26.525	0.00077	0	
"2011-08-17	08:00:00"	7.987	19.19	10.47	11.14	5.75	19.13	14.88	8.16	74.55	74.47	0.082	59.22	57.86	26.539	43.92	0	
"2011-08-17	09:00:00"	8.3	63.62	25.73	13.52	6.776	64.75	27.28	11.74	78.17	78.95	-0.778	53.58	50.84	26.554	151.14	0	
"2011-08-17	10:00:00"	7.19	107.1	17.9	11.74	5.802	109.7	20.19	10.54	79.38	80.4	-1.001	47.88	44.84	26.569	159.56	0	
"2011-08-17	11:00:00"	7.211	148.2	18.07	11.14	6.05	150.5	18.16	9.95	80.7	81.5	-0.775	46.47	43.76	26.571	301.08	0	
"2011-08-17	12:00:00"	5.876	137.4	38.35	11.14	4.992	140.3	40.3	10.54	84.3	85.9	-1.605	41.72	38.45	26.574	862.38	0	
"2011-08-17	13:00:00"	8.77	146.1	28.79	16.51	7.416	148.6	31.79	14.72	87.5	89.1	-1.558	35.48	32.63	26.565	610.89	0	
"2011-08-17	14:00:00"	10.44	158.6	30.72	21.87	8.95	161.3	33.18	18.89	90.3	92.6	-2.251	31.59	28.34	26.544	966.49	0	
"2011-08-17	15:00:00"	13.17	153.9	24.98	24.86	11.08	155.9	25.91	23.07	92.1	94.5	-2.43	27.99	24.77	26.521	987.17	0	
"2011-08-17	16:00:00"	12.99	172.7	24.71	23.66	11.05	174.5	27.48	21.87	93	95.3	-2.297	25.91	22.83	26.505	857.33	0	
"2011-08-17	17:00:00"	10.81	155.4	23.94	18.89	9.13	157.9	24.23	17.1	92.9	94.5	-1.59	25.97	23.29	26.488	385.58	0	
"2011-08-17	18:00:00"	8.28	139.6	28.31	15.91	6.964	141.4	29.63	12.93	93	94.3	-1.304	25.58	23.11	26.466	324.22	0	
"2011-08-17	19:00:00"	8.93	140.4	18.57	15.31	7.411	142.7	18.48	14.12	93	93.8	-0.847	25.73	23.51	26.454	109.17	0	
"2011-08-17	20:00:00"	9.1	146.9	15.81	14.12	7.54	149	14.83	14.12	92.8	93.3	-0.493	25.96	23.99	26.448	47.564	0	
"2011-08-17	21:00:00"	8.54	155	10.13	13.52	7.253	156.2	9.8	12.33	91.8	91.9	-0.098	26.71	25	26.453	6.8962	0	
"2011-08-17	22:00:00"	7.597	138.2	14.56	10.54	5.537	138.8	17.57	9.35	88.6	88.4	0.2	29.46	27.91	26.474	0	0	
"2011-08-17	23:00:00"	7.663	120.5	6.854	10.54	4.97	120.3	10.62	6.964	86	85.7	0.372	32.33	30.95	26.495	0	0	
"2011-08-18	00:00:00"	6.729	117.5	8.07	8.75	4.183	114.5	12.15	6.368	84	83.8	0.239	34.73	33.3	26.506	0	0	
"2011-08-18	01:00:00"	10.93	125.1	15.16	16.51	8.05	126	18.18	14.12	83.2	83.1	0.108	37.91	36.39	26.512	0	0	
"2011-08-18	02:00:00"	9.11	156.7	11.27	12.93	7.428	157.4	10.55	10.54	81.9	81.7	0.209	42.18	40.67	26.509	0	0	
"2011-08-18	03:00:00"	8.63	167.7	8.83	13.52	6.914	167	9.1	11.14	80.6	80.3	0.314	41.27	39.94	26.5	0	0	
"2011-08-18	04:00:00"	7.933	177	12.49	12.33	6.232	176.1	13.87	9.95	78.82	78.49	0.331	43.65	42.32	26.493	0	0	
"2011-08-18	05:00:00"	5.664	203.2	18.84	9.35	4.111	208.4	23.35	7.561	77.26	76.87	0.384	46.26	44.95	26.495	0	0	
"2011-08-18	06:00:00"	5.315	268.1	10.61	8.16	3.334	282.4	10.79	6.368	76.54	75.22	1.318	47.21	46.96	26.497	0	0	
"2011-08-18	07:00:00"	4.662	263.1	15.18	6.964	2.774	274.6	23.41	5.175	76.57	75.17	1.396	48.35	48.03	26.496	0	0	
"2011-08-18	08:00:00"	4.41	268.7	34.52	6.368	2.519	299.1	51.3	5.175	76.41	73.07	3.336	49.51	51.84	26.504	24.347	0	
"2011-08-18	09:00:00"	5.489	235.3	24.39	14.12	4.178	239.1	27.51	12.33	77.84	78.05	-0.208	48.36	46.45	26.519	170.35	0	
"2011-08-18	10:00:00"	10.6	187.3	11.21	17.1	8.9	186.8	14.12	14.12	80.5	81.4	-0.912	45.48	42.69	26.52	362.99	0	
"2011-08-18	11:00:00"	11.84	195.9	16.15	18.3	9.93	196.6	18.48	15.91	83.8	85.1	-1.365	40.79	37.81	26.514	551	0	
"2011-08-18	12:00:00"	9.62	196.4	18.99	18.3	8.24	197.6	22.81	15.31	87.3	88.9	-1.647	35	32.14	26.509	717.03	0	
"2011-08-18	13:00:00"	9.08	180.1	39.01	16.51	7.714	181.6	41.34	15.31	89.3	91.2	-1.864	33.38	30.36	26.493	837.41	0	
"2011-08-18	14:00:00"	10.49	163.3	31.55	19.49	8.88	163.3	32.63	17.7	91.1	93.1	-2.044	30.96	27.9	26.47	891.73	0	
"2011-08-18	15:00:00"	8.43	155.7	41.43	20.09	7.335	159.8	42.08	18.3	92.4	94.2	-1.793	28.94	26.09	26.446	861.09	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-18	16:00:00"	10.29	159.5	36.13	21.87	8.77	162.4	36.74	18.89	93.9	96	-2.166	27.17	24.16	26.422	873.2	0	
"2011-08-18	17:00:00"	10.91	149.8	31.71	22.47	9.11	150.2	34.01	19.49	93.6	95.2	-1.544	27.64	24.96	26.403	343.5	0	
"2011-08-18	18:00:00"	10.65	150.6	22.75	18.89	9.04	152.4	24.58	17.1	94.2	95.7	-1.505	26.63	24.03	26.381	473	0	
"2011-08-18	19:00:00"	10.26	155.6	20.59	22.47	8.73	156.7	21.23	18.89	94.3	95.5	-1.195	26.12	23.69	26.365	336.3	0	
"2011-08-18	20:00:00"	12.25	162.4	17.54	20.09	10.25	163.5	17.14	17.1	93.6	94.2	-0.619	26.32	24.25	26.354	124.95	0	
"2011-08-18	21:00:00"	9.44	149.1	8.15	14.12	7.916	150.9	8.01	12.93	91.5	91.6	-0.06	26.95	25.25	26.361	11.298	0	
"2011-08-18	22:00:00"	8.57	148	7.638	11.74	6.721	149.9	7.957	9.95	88.6	88.4	0.205	28.94	27.46	26.376	0	0	
"2011-08-18	23:00:00"	8.1	151.5	9.32	12.93	6.287	153	9.17	9.95	86.3	86	0.367	30.5	29.2	26.39	0	0	
"2011-08-19	00:00:00"	8.07	156	7.901	12.33	6.383	155.3	7.575	10.54	85	84.5	0.458	31.62	30.45	26.393	0	0	
"2011-08-19	01:00:00"	10.69	170.5	8.54	17.1	8.66	170.2	9.01	14.72	82.8	82.5	0.348	33.86	32.63	26.392	0	0	
"2011-08-19	02:00:00"	8.47	187.9	10.16	13.52	6.587	189.3	13.15	11.14	80.4	80.1	0.309	37.32	36.08	26.397	0	0	
"2011-08-19	03:00:00"	6.755	186.6	8.57	9.95	4.981	185.8	9.68	8.75	78.65	78.21	0.438	39.83	38.74	26.391	0	0	
"2011-08-19	04:00:00"	8.25	186.8	8.24	11.74	6.365	186.6	10.36	9.95	77.49	77.13	0.36	41.95	40.6	26.39	0	0	
"2011-08-19	05:00:00"	8.3	184.9	8.37	13.52	6.399	184	10.52	10.54	76.63	76.19	0.441	43.87	42.68	26.391	0	0	
"2011-08-19	06:00:00"	7.683	183.8	8.52	11.74	5.832	181.2	9.75	8.75	76.04	75.46	0.575	45.25	44.3	26.387	0	0	
"2011-08-19	07:00:00"	6.184	201.1	13.45	10.54	4.341	205.8	18.73	8.75	75.38	74.87	0.512	46.1	45.06	26.389	0	0	
"2011-08-19	08:00:00"	5.554	197.9	8.42	8.75	3.913	198.7	9.84	6.368	74.25	73.74	0.518	48.06	47.12	26.395	23.291	0	
"2011-08-19	09:00:00"	8.19	203.1	21.94	18.89	6.754	205	25.99	15.31	75.65	75.87	-0.219	46.31	44.51	26.402	177.52	0	
"2011-08-19	10:00:00"	14.57	182.5	8.43	20.09	12.1	181.9	11.12	18.3	80.1	81	-0.825	39.87	37.62	26.397	367.22	0	
"2011-08-19	11:00:00"	10.2	190.8	15.32	15.31	8.58	191.9	18.58	13.52	84	85.4	-1.413	35.68	33.05	26.397	562.51	0	
"2011-08-19	12:00:00"	9.33	179.8	21.89	18.3	7.914	180.3	23.49	17.1	87.7	89.3	-1.572	30.79	28.1	26.397	736.41	0	
"2011-08-19	13:00:00"	12.67	153.3	19.29	21.87	10.87	154.6	18.67	20.68	89.8	91.7	-1.835	27.21	24.42	26.382	797.49	0	
"2011-08-19	14:00:00"	12.6	134.8	23.66	24.86	10.44	137.3	25.65	23.07	91.4	93.8	-2.355	23.73	20.78	26.364	830.43	0	
"2011-08-19	15:00:00"	12.33	158.1	21.65	20.68	10.56	160.5	22.63	18.3	92.6	94.7	-2.071	21.02	18.31	26.349	855.49	0	
"2011-08-19	16:00:00"	12.89	148.5	28.31	27.24	10.88	150.1	28.76	25.45	93.7	95.9	-2.196	20.68	17.95	26.33	831.71	0	
"2011-08-19	17:00:00"	12.91	153.3	21.34	23.66	10.89	155.1	21.93	23.07	94.3	96.3	-1.929	21.16	18.48	26.306	701.58	0	
"2011-08-19	18:00:00"	12.23	157.2	21.08	23.07	10.44	160.6	21.63	20.09	94.9	96.5	-1.58	21.94	19.4	26.292	485.37	0	
"2011-08-19	19:00:00"	12.88	164.7	15.91	25.45	10.98	165.7	16.73	23.07	94.9	96	-1.097	22.96	20.64	26.282	322.21	0	
"2011-08-19	20:00:00"	12.3	155.3	13.31	20.09	10.47	156.2	12.76	18.3	94.2	94.8	-0.6	23.17	21.13	26.281	154.3	0	
"2011-08-19	21:00:00"	10.85	143.4	8.53	16.51	8.75	145.3	8.55	13.52	92.1	92.1	-0.001	25.17	23.45	26.295	14.324	0	
"2011-08-19	22:00:00"	10.43	141.5	6.769	14.72	8.2	143.5	7.631	12.33	89.1	88.8	0.269	27.89	26.42	26.314	0	0	
"2011-08-19	23:00:00"	9.5	136.6	6.509	12.93	6.835	138.1	7.609	10.54	86.1	85.6	0.52	30.02	28.78	26.338	0	0	
"2011-08-20	00:00:00"	10.35	146.7	7.345	14.12	8.13	148.4	7.408	11.74	84.5	84.1	0.341	31.87	30.56	26.35	0	0	
"2011-08-20	01:00:00"	10.94	154.8	8.22	17.1	9.22	155.8	8.12	15.31	82.8	82.6	0.198	33.35	31.99	26.359	0	0	
"2011-08-20	02:00:00"	9.64	157.3	8.88	13.52	8.07	157.8	8.19	12.33	80.9	80.6	0.213	35.11	33.82	26.359	0	0	
"2011-08-20	03:00:00"	9.2	153.6	9.91	12.33	7.387	154.1	9.28	10.54	79.78	79.43	0.347	35.58	34.43	26.363	0	0	
"2011-08-20	04:00:00"	9.84	146	6.273	13.52	7.623	148.2	6.738	9.95	78.62	78.21	0.407	36.51	35.4	26.36	0	0	
"2011-08-20	05:00:00"	9.08	140.1	7.755	12.33	6.536	140.8	9.28	9.95	76.99	76.41	0.586	38.01	37.06	26.356	0	0	
"2011-08-20	06:00:00"	8.86	121.8	7.455	13.52	5.722	121.8	10.95	8.75	74.14	73.42	0.717	40.85	39.94	26.353	0	0	
"2011-08-20	07:00:00"	10.18	131.8	8.09	13.52	7.332	134	9.71	10.54	73.75	73.28	0.465	42.35	41.21	26.355	0	0	
"2011-08-20	08:00:00"	9.19	138.2	8.95	12.93	6.997	139.2	10.22	10.54	73.58	73.28	0.306	43.88	42.61	26.373	24.019	0	
"2011-08-20	09:00:00"	10.21	145.4	17.71	18.3	8.29	146.5	17.79	15.91	76.4	76.61	-0.214	41.74	40	26.384	172.77	0	
"2011-08-20	10:00:00"	15.95	172.3	8.84	22.47	13.51	171.3	10.4	20.68	81.4	82.1	-0.705	37.54	35.5	26.388	362.53	0	
"2011-08-20	11:00:00"	15.13	179.6	8.85	22.47	12.71	178.8	10.98	20.09	84.3	85.7	-1.376	35.98	33.34	26.391	555	0	
"2011-08-20	12:00:00"	12.52	195.9	16.84	20.09	10.5	196.8	19.35	17.1	87.4	89.3	-1.894	34.49	31.42	26.399	722.28	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-20	13:00:00"	11.57	184.5	22.22	20.09	9.92	185.6	24.32	18.3	89.5	91.5	-1.987	32.08	29.01	26.393	842.11	0
"2011-08-20	14:00:00"	10.24	190.5	32.88	20.68	8.89	191.9	37.25	18.89	91.6	93.5	-1.967	29.97	26.97	26.384	899.11	0
"2011-08-20	15:00:00"	9.86	177.9	35.2	26.05	8.39	182.3	38.99	24.86	93.5	95.7	-2.201	27.9	24.84	26.365	880.02	0
"2011-08-20	16:00:00"	8.84	200.9	49.67	17.7	7.436	202.5	52.81	16.51	95.2	97	-1.833	25.63	22.84	26.343	673.86	0
"2011-08-20	17:00:00"	8.16	174.2	43.69	18.3	7.03	173.7	46.87	16.51	96.4	98	-1.536	23.91	21.34	26.319	574.21	0
"2011-08-20	18:00:00"	9.63	168	25.46	18.3	8.14	168.5	26.64	17.7	96.8	97.9	-1.132	23.64	21.3	26.31	309.24	0
"2011-08-20	19:00:00"	13.77	157.1	20.21	22.47	11.73	157.9	19.56	20.68	96.8	97.8	-1.02	24.93	22.6	26.309	269.61	0
"2011-08-20	20:00:00"	15.38	159.1	12.88	24.26	13.13	159.5	12.2	20.68	95.5	95.9	-0.34	26.07	24.16	26.308	91.928	0
"2011-08-20	21:00:00"	16.97	146.4	7.895	25.45	13.99	148.5	8.17	22.47	92.8	92.8	0.037	27.41	25.79	26.329	2.4662	0
"2011-08-20	22:00:00"	14.27	154.6	8.6	21.28	12.22	155.7	8.01	20.09	90.5	90.4	0.126	27.36	25.84	26.356	0	0
"2011-08-20	23:00:00"	11.68	158.8	9.92	17.7	9.9	159.2	9.61	14.72	88	87.8	0.186	28.32	26.86	26.382	0	0
"2011-08-21	00:00:00"	11.54	174.2	6.577	16.51	9.36	173.1	8.27	14.12	85.7	85.3	0.333	29.93	28.63	26.408	0	0
"2011-08-21	01:00:00"	11.67	170.9	8.43	17.7	9.63	169.9	9.31	14.12	83.7	83.4	0.266	32.16	30.83	26.415	0	0
"2011-08-21	02:00:00"	10.28	169.6	8.47	16.51	8.51	169	9.37	13.52	81.9	81.7	0.231	36.11	34.8	26.425	0	0
"2011-08-21	03:00:00"	9.66	173.7	7.926	13.52	7.85	173.6	9.3	11.14	80.2	79.87	0.28	39.89	38.58	26.434	0	0
"2011-08-21	04:00:00"	10.22	174.6	6.496	14.12	8.11	174.3	7.492	11.74	79.07	78.73	0.342	43.46	42.15	26.435	0	0
"2011-08-21	05:00:00"	11.66	174.8	7.166	18.3	9.37	173.8	8.57	18.3	79.27	78.9	0.362	45.2	43.99	26.448	0	0
"2011-08-21	06:00:00"	10.89	170.1	8.62	18.89	9.07	169.1	9.32	14.12	78.44	78.16	0.281	47.59	46.31	26.457	0	0
"2011-08-21	07:00:00"	9.59	169.4	8.79	14.12	7.854	169.4	9.65	12.93	77.02	76.74	0.287	50.7	49.51	26.466	0	0
"2011-08-21	08:00:00"	6.992	164.1	9.61	11.14	5.639	163.7	9.89	9.95	75.52	75.28	0.235	53.04	51.83	26.487	26.283	0
"2011-08-21	09:00:00"	7.93	150.4	11.83	12.93	6.555	152.4	12	11.74	76.99	77.18	-0.191	51.32	49.55	26.509	172.66	0
"2011-08-21	10:00:00"	10.55	170.8	11.76	15.91	9	170.6	12.86	13.52	80.5	81.2	-0.69	46.19	43.67	26.517	364.08	0
"2011-08-21	11:00:00"	7.788	165.7	19.14	13.52	6.712	166.1	19.87	12.93	83.2	84.3	-1.098	41.56	38.76	26.519	558.57	0
"2011-08-21	12:00:00"	11.3	142.8	18.43	21.87	9.38	145.7	18.35	18.3	86.5	88.3	-1.835	33.89	30.93	26.515	734.76	0
"2011-08-21	13:00:00"	12.56	145.3	21.72	21.28	10.58	148.1	22.42	18.3	88.3	90.4	-2.084	31.16	28.05	26.503	853.02	0
"2011-08-21	14:00:00"	10.37	147.6	25.21	23.07	8.81	151.5	25.47	20.68	90.4	92.5	-2.033	28.38	25.41	26.488	914.12	0
"2011-08-21	15:00:00"	11.94	149.7	29.62	23.66	10.17	152.4	28.76	22.47	92.2	94.4	-2.155	26.19	23.2	26.472	886.15	0
"2011-08-21	16:00:00"	11.11	145.1	25.42	21.87	9.36	148.2	26.66	20.68	93	95.1	-2.065	24.18	21.34	26.453	833.69	0
"2011-08-21	17:00:00"	12.08	132.3	28.6	22.47	10.09	135.4	28.96	20.09	94	96	-1.982	24.29	21.43	26.431	672.08	0
"2011-08-21	18:00:00"	11.57	126.8	21.64	22.47	9.32	130.5	22.97	18.3	94.4	96.3	-1.889	23.89	21.11	26.418	498.26	0
"2011-08-21	19:00:00"	12.04	144.4	21.4	23.07	10.17	147	20.67	19.49	94	95.2	-1.138	25.57	23.16	26.413	274.79	0
"2011-08-21	20:00:00"	14.96	124.6	11.94	21.87	11.55	128.9	13.2	19.49	93.2	94	-0.811	27.18	24.95	26.416	151.68	0
"2011-08-21	21:00:00"	11.86	126	9.5	18.89	9.05	129.7	11.4	16.51	91	91	-0.027	28.68	26.99	26.427	10.031	0
"2011-08-21	22:00:00"	9.53	113.5	8.05	13.52	6.648	115.2	12.19	10.54	87.8	87.6	0.18	30.39	28.9	26.453	0	0
"2011-08-21	23:00:00"	9.08	102	6.378	12.93	5.897	100.7	11.09	9.95	83.4	83.5	-0.119	32.67	30.96	26.476	0	0
"2011-08-22	00:00:00"	11.91	116.7	7.578	16.51	8.63	119.6	10.98	12.93	83.7	83.5	0.284	33.32	32	26.488	0	0
"2011-08-22	01:00:00"	12.09	124.3	10.54	16.51	8.96	128	12.58	14.72	82.9	82.6	0.334	35.06	33.84	26.496	0	0
"2011-08-22	02:00:00"	9.33	154.6	10.12	15.91	7.665	155.3	9.4	14.12	80.6	80.4	0.22	37.8	36.5	26.505	0	0
"2011-08-22	03:00:00"	9.74	170.6	8.39	15.31	7.819	170.4	9.1	11.74	79.07	78.74	0.331	41.09	39.75	26.505	0	0
"2011-08-22	04:00:00"	9.56	168.8	8.65	14.72	7.681	168.7	9.32	12.33	77.7	77.32	0.378	43.54	42.29	26.503	0	0
"2011-08-22	05:00:00"	9.24	168.5	8.5	13.52	7.311	168.1	8.97	11.14	76.09	75.74	0.352	46.3	45.07	26.502	0	0
"2011-08-22	06:00:00"	10.17	169.9	8.91	14.72	8.16	169.7	9.4	13.52	75.05	74.67	0.373	48.72	47.55	26.495	0	0
"2011-08-22	07:00:00"	8.95	172.4	8.16	15.31	7.102	172.1	8.74	12.93	74.25	73.84	0.404	51.24	50.19	26.499	0	0
"2011-08-22	08:00:00"	4.719	194.8	17.73	7.561	3.08	200.1	24.47	5.771	73.48	72.96	0.519	52.98	51.97	26.517	24.727	0
"2011-08-22	09:00:00"	7.131	189.8	11.08	14.72	5.771	190.7	12.92	13.52	75.22	75.46	-0.241	53.38	51.47	26.526	176.39	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-22	10:00:00"	12.63	184.8	10.41	19.49	10.56	184.6	12.95	15.31	78.77	79.64	-0.868	52.22	49.41	26.53	367.29	0
"2011-08-22	11:00:00"	12.52	190.5	14.92	17.7	10.55	191.4	18.22	15.91	82	83.4	-1.452	48.06	44.41	26.528	561.42	0
"2011-08-22	12:00:00"	10.18	187.9	20.79	18.89	8.7	189.4	23.3	16.51	84.4	86.2	-1.768	41.69	38.17	26.521	730.8	0
"2011-08-22	13:00:00"	11.18	160.1	23.59	20.68	9.54	162.3	26.3	19.49	87	89	-2.002	34.84	31.66	26.507	853.57	0
"2011-08-22	14:00:00"	11.73	135.6	26.97	20.09	9.74	138.5	28.56	17.7	89	91.4	-2.41	29.92	26.62	26.488	913.02	0
"2011-08-22	15:00:00"	10.83	160.5	25.85	21.28	9.19	163	29.06	18.89	90.4	92.5	-2.117	28.45	25.41	26.47	887.19	0
"2011-08-22	16:00:00"	12.64	138.8	24.59	24.26	10.66	141.4	25.75	20.09	91.6	93.9	-2.353	26.72	23.58	26.447	832.28	0
"2011-08-22	17:00:00"	11.15	155.1	23.12	20.09	9.46	157.3	24.31	17.1	92.2	94.1	-1.922	27.1	24.19	26.428	701.47	0
"2011-08-22	18:00:00"	10.76	155.9	21.73	21.87	9.18	158.2	22.59	19.49	92.7	94.2	-1.498	25.8	23.2	26.412	525.63	0
"2011-08-22	19:00:00"	9.45	160.1	17.68	16.51	8.06	161.1	18.39	14.12	92.6	93.6	-1.01	26.32	24.01	26.403	241.88	0
"2011-08-22	20:00:00"	10.44	167.4	17.25	16.51	8.81	168.3	17.1	15.31	92.4	93	-0.649	27.12	25.02	26.4	147.93	0
"2011-08-22	21:00:00"	9.41	151.6	9.76	15.31	7.84	153.1	9.03	15.91	90.5	90.6	-0.082	29.87	28.15	26.408	11.842	0
"2011-08-22	22:00:00"	6.953	144	7.209	9.95	4.958	145.7	9.56	7.561	87.4	87	0.36	32.23	30.82	26.428	0	0
"2011-08-22	23:00:00"	7.021	151	7.59	10.54	5.178	151.8	7.736	8.16	85.8	85.3	0.51	33.68	32.53	26.442	0	0
"2011-08-23	00:00:00"	8.09	155.1	8.53	13.52	6.267	155.8	7.549	10.54	84.1	83.6	0.482	34.92	33.85	26.446	0	0
"2011-08-23	01:00:00"	10.62	169.1	8.43	17.1	8.62	169.3	9.07	12.93	81.8	81.5	0.312	37.15	35.94	26.444	0	0
"2011-08-23	02:00:00"	11.66	174.3	6.466	15.91	9.4	173.5	8.23	13.52	81	80.6	0.324	38.74	37.58	26.444	0	0
"2011-08-23	03:00:00"	7.399	202.6	18.69	13.52	5.811	204.4	21.1	11.14	78.69	78.38	0.307	42.08	40.7	26.44	0	0
"2011-08-23	04:00:00"	6.343	190	9.46	10.54	4.507	189.4	9.36	9.35	77.36	76.73	0.629	44.81	43.76	26.431	0	0
"2011-08-23	05:00:00"	9.13	183.4	8.11	14.72	7.266	183.6	10.14	11.14	76.53	76.09	0.439	47.8	46.58	26.427	0	0
"2011-08-23	06:00:00"	7.973	184.8	9.19	11.74	6.24	184.2	11.25	10.54	75.71	75.19	0.521	51.04	49.93	26.432	0	0
"2011-08-23	07:00:00"	10.04	174.8	8.67	17.1	7.931	173.6	9.79	13.52	74.52	74.06	0.461	54.84	53.82	26.437	0	0
"2011-08-23	08:00:00"	10.03	172	7.519	13.52	8.04	171.7	8.76	12.93	74.23	73.93	0.306	56.81	55.73	26.45	23.148	0
"2011-08-23	09:00:00"	10.92	176.3	7.096	22.47	8.9	175.5	8.79	20.09	76.13	76.32	-0.19	56.05	54.29	26.461	168.46	0
"2011-08-23	10:00:00"	15.82	182	9.03	24.26	13.1	181.1	10.96	19.49	80.7	81.5	-0.778	51.28	48.61	26.461	355.4	0
"2011-08-23	11:00:00"	13.39	181.5	12.45	20.68	11.28	181.7	14.47	18.89	83.8	85.1	-1.341	46.31	42.89	26.464	548.2	0
"2011-08-23	12:00:00"	13.69	166	17.25	23.07	11.62	166.2	17.77	20.09	86.5	88.2	-1.635	38.35	35.3	26.459	719.34	0
"2011-08-23	13:00:00"	14.5	162.5	15.89	26.05	12.42	163	16.98	22.47	89.1	91	-1.894	31.42	28.43	26.445	840.55	0
"2011-08-23	14:00:00"	12.56	163.5	22.71	24.86	10.75	163.5	24.34	21.87	90.5	92.6	-2.06	29.05	26.06	26.42	900.76	0
"2011-08-23	15:00:00"	10.68	158.5	30.33	23.07	9.04	160.1	32.29	20.09	91.7	93.9	-2.16	26.88	23.89	26.404	878.71	0
"2011-08-23	16:00:00"	9.92	160.2	33.7	20.09	8.43	162.3	35.27	18.3	93.3	95.2	-1.91	25.2	22.38	26.383	823.2	0
"2011-08-23	17:00:00"	9.73	135.4	27.12	20.68	8.15	136.5	29.04	17.7	94.3	96.2	-1.924	24	21.21	26.364	693.33	0
"2011-08-23	18:00:00"	9.15	139.5	36.16	18.3	7.7	142.5	38.82	17.1	94.7	96.3	-1.629	22.89	20.3	26.355	522.48	0
"2011-08-23	19:00:00"	10.84	135.9	23.51	20.68	8.83	138.9	23.09	17.1	95.1	96.4	-1.384	23.47	20.97	26.348	267.73	0
"2011-08-23	20:00:00"	9.37	151.7	17.81	15.91	7.88	153	17.43	13.52	94.2	94.8	-0.576	24.57	22.5	26.348	141.8	0
"2011-08-23	21:00:00"	8.2	135.9	8.29	11.74	5.889	137.2	10.34	10.54	91.8	91.5	0.302	26.43	24.87	26.358	9.2311	0
"2011-08-23	22:00:00"	9.29	132.2	5.576	12.33	6.186	132.9	7.187	9.35	88.2	87.4	0.73	28.98	27.81	26.379	0	0
"2011-08-23	23:00:00"	10.08	138.2	6.743	12.93	7.342	139.4	8.03	10.54	86.5	85.9	0.623	30.18	29.04	26.394	0	0
"2011-08-24	00:00:00"	9.02	145	7.417	11.74	6.641	145.9	8.87	10.54	84.5	83.9	0.596	31.41	30.3	26.401	0	0
"2011-08-24	01:00:00"	9.54	142.2	7.348	12.93	6.94	144	8.61	10.54	83.3	82.6	0.703	32.15	31.18	26.409	0	0
"2011-08-24	02:00:00"	9.23	150.7	9.88	13.52	7.036	152.3	9.03	10.54	81.6	81.1	0.495	34.44	33.32	26.416	0	0
"2011-08-24	03:00:00"	10.69	173.5	6.953	14.12	8.47	172.2	7.81	12.33	79.99	79.49	0.503	37.18	36.12	26.415	0	0
"2011-08-24	04:00:00"	8.69	177.9	7.167	12.33	6.774	177.6	8.93	11.14	77.83	77.34	0.499	40.23	39.13	26.409	0	0
"2011-08-24	05:00:00"	7.931	175.9	7.54	11.14	6.048	176.5	8.3	9.35	76.69	76.17	0.524	42.44	41.35	26.407	0	0
"2011-08-24	06:00:00"	7.875	185.5	8.47	11.74	5.983	186.2	9.78	8.75	76.52	75.94	0.58	43.57	42.56	26.409	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2011-08-24	07:00:00"	5.19	197.6	12.54	9.95	3.414	205	17.35	7.561	75.25	74.64	0.611	45.9	44.84	26.417	0	0
"2011-08-24	08:00:00"	5.235	201.1	8.28	8.16	3.383	206.6	12.26	6.368	74.85	74.22	0.624	47.93	46.82	26.428	22.266	0
"2011-08-24	09:00:00"	6.234	197.2	13.63	11.74	4.812	198.8	15.66	11.14	76.53	76.71	-0.186	47.99	46.11	26.442	167.42	0
"2011-08-24	10:00:00"	10.92	188.1	11.27	16.51	9.08	188.9	14.05	14.12	81.2	82	-0.863	43.9	41.29	26.449	354.16	0
"2011-08-24	11:00:00"	9.43	185.6	16.81	15.31	7.929	186.7	19.88	13.52	85.1	86.4	-1.279	38.29	35.77	26.455	544.21	0
"2011-08-24	12:00:00"	9.01	159.2	29.09	18.3	7.556	160.4	30.28	15.31	88.3	89.8	-1.547	33.2	30.49	26.458	710.21	0
"2011-08-24	13:00:00"	10.48	144.7	31.49	18.89	8.94	146.1	34.88	17.7	90.3	92.3	-1.967	31.07	28.05	26.453	826.69	0
"2011-08-24	14:00:00"	10.26	141	25.26	20.68	8.66	142.6	28.35	17.7	92	94.1	-2.07	28.94	25.94	26.436	884.41	0
"2011-08-24	15:00:00"	11.08	141.3	30.47	20.68	9.31	144.6	32.16	19.49	93.5	95.8	-2.302	27.31	24.19	26.415	857.71	0
"2011-08-24	16:00:00"	10.83	133.1	35.17	30.22	8.96	137.4	36.17	27.24	95	97.2	-2.241	25.78	22.74	26.393	814.19	0
"2011-08-24	17:00:00"	11.04	139.1	29.65	21.28	9.21	141.4	30.05	17.7	95.7	97.6	-1.895	25.05	22.23	26.37	646.98	0
"2011-08-24	18:00:00"	9.56	137.5	27.49	18.89	7.989	139.7	31.58	17.1	95.8	97.2	-1.414	24.9	22.34	26.359	441.83	0
"2011-08-24	19:00:00"	12.4	124.2	17.4	21.87	10.12	127.3	20	19.49	95.9	97.4	-1.507	24.72	22.11	26.356	263.58	0
"2011-08-24	20:00:00"	10.88	123.1	13	17.1	8.47	126.3	15.41	15.31	95.1	95.8	-0.696	25.65	23.49	26.356	113.78	0
"2011-08-24	21:00:00"	8.54	129.9	9.29	14.12	6.281	131.8	11.34	11.74	92.5	92.4	0.105	28.71	27.03	26.372	7.1855	0
"2011-08-24	22:00:00"	7.365	120.3	8.51	9.35	4.189	117.1	15.41	6.368	88.9	88.1	0.759	31.81	30.55	26.396	0	0
"2011-08-24	23:00:00"	8.31	120.6	7.483	11.14	5.191	119.7	12.05	8.16	86.7	85.9	0.761	34.04	32.97	26.418	0	0
"2011-08-25	00:00:00"	10.11	128.7	7.312	14.72	7.165	131.2	9.76	11.74	85.5	85	0.502	35.95	34.82	26.426	0	0
"2011-08-25	01:00:00"	10.91	143.7	7.559	14.72	8.62	146.4	7.886	12.93	85.2	84.8	0.343	37.76	36.56	26.431	0	0
"2011-08-25	02:00:00"	9.3	145.5	6.393	12.93	7.104	147.8	6.641	9.95	83.8	83.4	0.417	39.28	38.2	26.439	0	0
"2011-08-25	03:00:00"	8.9	153.8	10.88	11.74	7.076	155	9.95	10.54	82.5	82.1	0.39	40.66	39.45	26.445	0	0
"2011-08-25	04:00:00"	6.206	178.9	15.12	10.54	4.642	181.6	18.2	8.75	81	80.4	0.55	42.27	41.26	26.448	0	0
"2011-08-25	05:00:00"	5.122	211.5	11.69	8.16	3.459	219.9	11.62	6.368	79.94	79.37	0.567	42.48	41.5	26.447	0	0
"2011-08-25	06:00:00"	5.115	214.8	8.88	7.561	3.349	221.2	10.43	6.368	79.44	78.82	0.626	42.79	41.8	26.445	0	0
"2011-08-25	07:00:00"	4.859	219.7	12.11	6.964	3.078	225.2	12.82	5.175	78.79	78.15	0.641	43.88	42.99	26.451	0	0
"2011-08-25	08:00:00"	5.5	340.9	66.41	9.95	3.83	356.1	56.65	8.16	75.44	73.5	1.944	48.43	49.12	26.472	16.369	0
"2011-08-25	09:00:00"	6.378	33.09	8.61	9.35	5.125	34.05	11.73	8.16	75.34	75.82	-0.475	49.69	47.45	26.5	146.31	0
"2011-08-25	10:00:00"	2.922	159.3	90.8	7.561	2.553	186.4	93.6	6.368	81.9	82.6	-0.654	42.54	40.05	26.506	340.34	0
"2011-08-25	11:00:00"	2.892	240.1	72.24	6.964	2.516	237	75.5	6.368	85	85.9	-0.855	39.59	37.31	26.506	530.1	0
"2011-08-25	12:00:00"	3.925	188.2	70	8.16	3.481	195.1	73.58	8.16	87.7	88.9	-1.17	35.88	33.45	26.511	693.69	0
"2011-08-25	13:00:00"	6.747	84.7	55.36	18.89	5.779	86.1	58.21	17.7	91.1	93	-1.905	32.28	29.29	26.509	805.58	0
"2011-08-25	14:00:00"	9.21	94.1	27.85	18.89	7.581	96.7	33.35	16.51	92.9	95.2	-2.256	29.33	26.15	26.493	719.06	0
"2011-08-25	15:00:00"	9.79	137.2	29.58	20.68	8.23	140	32.32	17.7	94.5	96.6	-2.067	26.9	23.96	26.47	822.69	0
"2011-08-25	16:00:00"	9.1	140.6	30.95	19.49	7.649	144.9	33.86	17.1	95.9	97.6	-1.731	23.84	21.19	26.448	642.65	0
"2011-08-25	17:00:00"	10.2	148.1	26.56	20.09	8.59	151	27.55	18.89	96.2	97.7	-1.496	23.36	20.81	26.42	454.63	0
"2011-08-25	18:00:00"	8.02	127.8	34.34	15.31	6.591	130.8	35.73	14.72	96.8	98.3	-1.5	22.23	19.73	26.396	468.44	0
"2011-08-25	19:00:00"	6.779	109.9	45.49	14.72	5.52	110.3	50.52	12.93	97	98.3	-1.221	21.63	19.28	26.391	258.52	0
"2011-08-25	20:00:00"	10.17	106.4	15.22	26.65	7.938	108.9	18.41	21.87	96.7	97.7	-0.963	21.99	19.74	26.399	135.53	0
"2011-08-25	21:00:00"	17.92	110.1	15.91	32.01	13.75	112.5	18.68	27.24	85.8	86	-0.17	39.36	37.88	26.433	6.9063	0
"2011-08-25	22:00:00"	13.11	143.5	8.71	23.66	10.77	145.3	8.98	21.28	84.3	84.5	-0.212	40.87	38.97	26.456	0	0
"2011-08-25	23:00:00"	6.902	147.3	13.84	12.33	5.419	150.8	14.51	11.14	84.9	84.9	0.037	36.59	35.14	26.461	0	0
"2011-08-26	00:00:00"	3.235	157	77.6	6.964	2.307	24.18	93.5	4.578	84.1	83.2	0.96	36.3	35.8	26.469	0	0
"2011-08-26	01:00:00"	5.15	187	44.4	10.54	3.729	192.2	46.97	8.75	82.6	82.2	0.399	38.76	37.55	26.485	0	0
"2011-08-26	02:00:00"	3.823	266.4	29.29	6.368	2.37	283.3	44.19	5.175	81.7	80.1	1.608	41.8	41.03	26.481	0	0
"2011-08-26	03:00:00"	3.548	0.922	52.89	6.368	2.737	30.51	30.14	5.175	79.41	75.41	4.003	45.16	46.1	26.477	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-26	04:00:00"	5.945	26.49	9.92	8.75	3.811	18.4	12.61	5.771	76.12	72.82	3.303	47.83	49.82	26.471	0
"2011-08-26	05:00:00"	6.022	29.42	12.95	9.35	3.884	22.7	10.9	6.964	74.21	72.08	2.125	50.11	51.21	26.469	0
"2011-08-26	06:00:00"	6.146	34.57	9.82	8.16	4.237	25.54	13.22	6.368	74.85	72.62	2.233	50.1	51.73	26.473	0
"2011-08-26	07:00:00"	7.508	16.47	6.129	10.54	4.603	16.09	10.9	6.964	72.31	70.88	1.428	55.5	55.94	26.479	0
"2011-08-26	08:00:00"	7.192	27.41	6.468	8.75	4.913	30.12	10.1	6.964	71.9	71.3	0.593	56.61	55.98	26.498	17.71
"2011-08-26	09:00:00"	5.956	51.22	13.43	8.75	4.908	52.47	13	8.16	75.7	76.16	-0.462	50.54	48.44	26.514	152.1
"2011-08-26	10:00:00"	5.976	57.81	18.52	8.75	5.031	59.31	20.63	7.561	82.2	83.6	-1.415	40.84	37.88	26.524	338.64
"2011-08-26	11:00:00"	3.794	21.84	48.85	8.16	3.22	23.28	58.64	6.964	85.8	87.3	-1.511	37.65	34.84	26.53	529.91
"2011-08-26	12:00:00"	4.345	55.4	57.18	12.93	3.694	56.69	60.42	9.95	89	90.6	-1.669	33.7	30.86	26.529	701.33
"2011-08-26	13:00:00"	5.152	129.3	57.01	14.12	4.561	126.2	60.15	12.33	91.3	92.9	-1.647	31.16	28.35	26.519	698.86
"2011-08-26	14:00:00"	7.541	91.4	49.44	15.31	6.293	96.3	51.68	13.52	93.5	96.1	-2.567	27.83	24.57	26.501	974.01
"2011-08-26	15:00:00"	8.24	152	54.1	18.89	6.937	156.3	55.78	16.51	93.8	95.5	-1.681	26.87	24.13	26.483	500.57
"2011-08-26	16:00:00"	8.59	128.6	32.95	20.68	7.233	131.8	34.86	18.3	95.6	97.6	-2.083	23.78	20.94	26.46	875.19
"2011-08-26	17:00:00"	8.56	100.1	43.09	18.3	7.119	103	46.91	14.72	96.4	98.4	-2.024	21.62	18.89	26.433	683.84
"2011-08-26	18:00:00"	8.39	96.6	38.37	17.1	6.977	97.4	40.59	15.31	96.7	98.5	-1.839	20.72	18.06	26.423	402.3
"2011-08-26	19:00:00"	9.11	128.3	31.03	17.1	7.472	131.8	36.06	15.91	96.4	97.7	-1.274	22.67	20.27	26.415	284.57
"2011-08-26	20:00:00"	11.5	130.9	15.73	19.49	9.29	134.2	16.78	15.31	95.4	96.2	-0.765	24.31	22.11	26.413	120.36
"2011-08-26	21:00:00"	9.33	131.2	7.956	15.91	6.889	134.3	9.22	12.93	92.3	92.2	0.112	25.61	23.96	26.423	6.0183
"2011-08-26	22:00:00"	7.906	131.1	5.531	10.54	4.743	128.1	8.62	8.16	88.7	87.6	1.104	26.52	25.65	26.445	0
"2011-08-26	23:00:00"	7.718	124.4	8.1	9.35	4.229	118.4	12.99	6.368	85.7	84.3	1.413	28.81	27.93	26.465	0
"2011-08-27	00:00:00"	7.26	134.8	11.61	9.35	4.308	131.1	14.54	6.964	84.4	83.1	1.309	31.48	30.7	26.471	0
"2011-08-27	01:00:00"	7.511	155.3	7.796	10.54	5.788	153.6	7.289	9.35	83.8	83.3	0.546	32.42	31.35	26.48	0
"2011-08-27	02:00:00"	8.9	162.3	9.97	12.93	7.186	161.6	9.39	11.74	81.8	81.4	0.426	33.08	31.95	26.483	0
"2011-08-27	03:00:00"	9.5	169.8	10.68	14.72	7.654	168.7	11.12	11.74	79.22	78.86	0.362	36.04	34.81	26.483	0
"2011-08-27	04:00:00"	6.35	186.9	9.13	9.35	4.819	187.7	10.38	8.16	77.27	76.85	0.414	39.32	38.07	26.483	0
"2011-08-27	05:00:00"	5.155	190.7	12.36	9.35	3.606	194.8	16.09	6.368	75.62	75.14	0.473	42.62	41.2	26.484	0
"2011-08-27	06:00:00"	4.611	198.2	7.644	6.964	3.11	202.3	11.85	5.175	74.68	74.13	0.546	44.9	43.54	26.488	0
"2011-08-27	07:00:00"	4.515	211.3	11.53	6.368	3.013	220.1	14.5	5.771	74.21	73.73	0.474	46.28	44.97	26.497	0
"2011-08-27	08:00:00"	3.569	234.2	15.66	6.964	2.009	246.5	19.7	5.771	73.93	73.4	0.531	47.34	46.04	26.51	18.003
"2011-08-27	09:00:00"	2.89	278.8	52.52	5.771	1.867	291.4	68.1	4.578	76.3	76.17	0.138	43.67	42.04	26.521	158.64
"2011-08-27	10:00:00"	3.973	251.5	19.14	8.16	3.32	247	17.42	7.561	83.1	83.4	-0.357	34.92	33.3	26.527	349.36
"2011-08-27	11:00:00"	5.992	213.9	24.5	9.95	4.953	216.6	28.7	8.75	87.4	88.5	-1.165	31.09	28.76	26.531	543.44
"2011-08-27	12:00:00"	5.472	192	56.31	16.51	4.673	188.8	57.67	14.12	90	91.3	-1.334	28.96	26.51	26.528	714.36
"2011-08-27	13:00:00"	8.05	131.1	47.25	17.1	6.882	135.2	49.59	14.72	91.6	93.4	-1.833	26.67	23.97	26.517	839.4
"2011-08-27	14:00:00"	8.13	137	49.16	21.28	6.807	139.7	49.16	18.89	93.1	95.1	-2.011	24.19	21.41	26.497	867.91
"2011-08-27	15:00:00"	7.946	116.3	55.39	19.49	6.689	120.2	57.14	18.3	94.6	96.8	-2.245	22.28	19.46	26.476	875.96
"2011-08-27	16:00:00"	8.42	144.9	62.87	20.68	7.175	144.7	64.09	15.91	95.9	97.6	-1.706	20.8	18.26	26.453	753.05
"2011-08-27	17:00:00"	10.65	137.5	45.63	18.89	9	141.1	48.56	16.51	99.6	101.9	-2.387	18.08	15.26	26.426	661.9
"2011-08-27	18:00:00"	7.631	180.7	48.06	25.45	6.483	183.1	49.83	20.68	100.8	103.2	-2.33	17.13	14.35	26.41	503.53
"2011-08-27	19:00:00"	9.22	132.7	40.51	18.3	7.636	136.5	41.57	15.31	99.9	101.5	-1.655	17.54	15.05	26.405	261.36
"2011-08-27	20:00:00"	11.02	138.1	16.47	18.3	8.91	140.8	16.41	14.12	97.5	98.3	-0.826	18.01	15.88	26.402	123.99
"2011-08-27	21:00:00"	8.47	135.4	8.29	13.52	5.91	136.1	10.74	11.74	93.2	93.1	0.113	19.14	17.38	26.411	6.7337
"2011-08-27	22:00:00"	8.59	129.3	6.84	11.74	5.137	127.7	9.85	8.75	87.9	86.7	1.261	22.7	21.49	26.425	0
"2011-08-27	23:00:00"	8.59	133.8	6.408	11.14	5.238	131.4	9.25	8.16	86.7	85.3	1.394	25.13	24.2	26.436	0
"2011-08-28	00:00:00"	8.78	149.3	9.63	12.93	6.447	148.8	10.5	10.54	84.4	83.2	1.181	26.89	26.14	26.442	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2011-08-28	01:00:00"	9.01	159.2	11.07	14.72	7.074	159.5	11.26	11.74	82.9	82.2	0.736	26.48	25.47	26.442	0	0
"2011-08-28	02:00:00"	10.57	163.9	9.25	15.91	8.7	163.5	9.63	12.93	81.1	80.5	0.535	28.65	27.48	26.441	0	0
"2011-08-28	03:00:00"	10.01	187.4	11.2	15.91	8.06	187.5	13.39	12.93	79.92	79.49	0.423	33.77	32.55	26.446	0	0
"2011-08-28	04:00:00"	6.451	198.1	13.73	9.35	4.791	200.7	17.3	7.561	78.55	77.97	0.585	36.17	35.09	26.444	0	0
"2011-08-28	05:00:00"	4.244	227.1	22.33	6.964	2.738	231.2	27.39	4.578	76.39	75.66	0.73	37.77	36.79	26.443	0	0
"2011-08-28	06:00:00"	4.343	253.3	14.1	5.771	2.342	256.7	19.89	3.982	75.3	74.17	1.135	38.36	37.51	26.441	0	0
"2011-08-28	07:00:00"	3.917	216.9	12.65	5.771	1.578	224	24.68	3.982	74.96	73.36	1.597	39.09	38.72	26.446	0	0
"2011-08-28	08:00:00"	3.731	250.5	11.57	4.578	1.479	266.4	19.28	2.789	74.41	72.32	2.095	40.03	40.3	26.453	17.107	0
"2011-08-28	09:00:00"	5.051	270.4	16.59	8.75	3.112	275.1	16.9	6.964	77.45	76.8	0.648	36.22	35.68	26.458	156.66	0
"2011-08-28	10:00:00"	7.835	248.3	10.97	12.93	6.477	250.9	13.46	11.74	84.6	85.6	-0.992	29.79	27.55	26.46	348.76	0
"2011-08-28	11:00:00"	11.25	223.7	17.74	17.7	9.51	223.9	18.99	16.51	90.4	92	-1.668	25.34	22.65	26.456	543.89	0
"2011-08-28	12:00:00"	10.45	212	19.86	18.3	8.83	213.4	23.29	15.91	93.8	96.2	-2.433	22.97	19.92	26.45	718.45	0
"2011-08-28	13:00:00"	10.65	210.5	26.58	20.09	8.95	212.4	29.56	17.1	93.2	95.2	-1.994	21.31	18.64	26.437	840.29	0
"2011-08-28	14:00:00"	11.48	192.3	29.43	22.47	9.79	193.6	33	18.89	94	96	-2.022	18.07	15.55	26.417	902.63	0
"2011-08-28	15:00:00"	11.44	198.5	31.5	26.05	9.65	200.3	35.18	22.47	95.2	97.4	-2.204	17.07	14.49	26.398	871.02	0
"2011-08-28	16:00:00"	11.97	197.5	24.39	27.84	10.19	198.9	27.25	26.05	95.9	97.9	-2.013	15.95	13.5	26.38	813.55	0
"2011-08-28	17:00:00"	11.87	197.1	23.74	20.68	10.14	198.5	26.09	19.49	96.5	98.3	-1.801	15.62	13.25	26.359	678	0
"2011-08-28	18:00:00"	12.24	183.2	24.82	23.66	10.41	183.9	28.18	20.09	96.7	98.2	-1.451	14.11	11.91	26.345	502.25	0
"2011-08-28	19:00:00"	9.43	181.5	29.47	20.68	8.11	182.8	30.98	17.1	96.7	97.6	-0.855	14.47	12.45	26.337	259.04	0
"2011-08-28	20:00:00"	10.14	185.2	12.07	17.1	8.5	185.7	14.7	14.72	96.1	96.4	-0.352	16.22	14.36	26.325	120.36	0
"2011-08-28	21:00:00"	7.822	175.3	6.715	10.54	6.375	172.1	7.691	9.35	93.4	93	0.384	17.63	16.13	26.334	5.7805	0
"2011-08-28	22:00:00"	9.79	178.4	6.007	15.31	8.03	174.2	7.029	13.52	90.4	89.8	0.67	18.42	17.05	26.351	0	0
"2011-08-28	23:00:00"	11.7	174.8	7.41	15.91	9.47	172.4	8.11	13.52	87.7	87.1	0.67	20.88	19.52	26.357	0	0
"2011-08-29	00:00:00"	11.82	173.1	7.212	16.51	9.37	171.7	8.23	13.52	84.9	84.2	0.624	22.77	21.53	26.356	0	0
"2011-08-29	01:00:00"	8.09	181.1	14.4	15.31	6.277	182.5	18.85	11.74	83.1	82.5	0.631	23.89	22.68	26.362	0	0
"2011-08-29	02:00:00"	4.967	197.5	9.02	8.16	3.096	199.9	13.73	5.175	81.8	80.8	1.072	24.74	23.78	26.368	0	0
"2011-08-29	03:00:00"	4.178	202.8	7.508	5.771	1.611	203	11.18	3.386	80.9	79.42	1.51	25.32	24.69	26.367	0	0
"2011-08-29	04:00:00"	4.364	248.5	19.18	5.771	2.119	266	22.77	3.386	80.9	79.27	1.597	25.64	24.91	26.372	0	0
"2011-08-29	05:00:00"	4.134	267.4	12.34	5.771	1.988	305.6	17.8	3.386	80.3	76.87	3.473	26.77	27.2	26.375	0	0
"2011-08-29	06:00:00"	4.206	290.7	10.69	5.771	2.008	324.5	12.17	3.386	80.8	77.18	3.584	27.6	28.28	26.378	0	0
"2011-08-29	07:00:00"	6.815	335.9	34.5	11.74	4.369	350.7	25.26	8.75	78.19	75.39	2.795	30	30.6	26.39	0	0
"2011-08-29	08:00:00"	6.939	29.14	15.49	9.95	4.238	29.97	18.72	6.964	77.71	73.79	3.923	30.6	31.81	26.397	4.8289	0
"2011-08-29	09:00:00"	7.703	110.8	25.15	14.72	5.37	114.3	26.4	11.74	78.4	77.64	0.753	30.6	29.68	26.403	76.458	0
"2011-08-29	10:00:00"	6.403	141.8	12.08	10.54	5.317	146.2	12.39	9.35	84.2	84.6	-0.401	26.89	25.21	26.404	262.58	0
"2011-08-29	11:00:00"	8.45	195.5	28.31	15.91	7.182	197.6	31.81	14.12	90.3	91.4	-1.123	23.15	20.96	26.399	489.73	0
"2011-08-29	12:00:00"	8.91	223.9	17.27	13.52	7.48	226.6	19.79	12.33	91.5	92.3	-0.831	22.12	20.08	26.405	361.8	0
"2011-08-29	13:00:00"	10.09	244.1	32.66	19.49	7.945	248.8	34.89	16.51	93.4	94.3	-0.861	20.27	18.2	26.398	235.73	0
"2011-08-29	14:00:00"	10.36	279.9	11.15	17.1	7.459	284.9	13.19	14.72	92.9	93.9	-0.946	19.99	17.93	26.387	223.1	0
"2011-08-29	15:00:00"	8.97	281.4	21.92	18.89	6.568	284.5	24.5	15.31	94.6	96.6	-2.002	19.27	16.79	26.369	690.89	0
"2011-08-29	16:00:00"	8.79	245.2	38.41	19.49	7.134	248.9	41.56	17.1	96.4	98.5	-2.131	17.91	15.36	26.346	760.18	0
"2011-08-29	17:00:00"	9.14	216.9	28.29	16.51	7.699	218.8	31.55	17.1	96.7	97.8	-1.152	17.54	15.37	26.324	376.37	0
"2011-08-29	18:00:00"	8.99	214.8	23.46	14.72	7.581	217	25.72	13.52	97.3	98.6	-1.259	16.9	14.71	26.307	457.38	0
"2011-08-29	19:00:00"	7.791	184	35.72	21.28	6.602	184.2	37.96	20.68	98.3	99.2	-0.912	16.37	14.29	26.289	285.91	0
"2011-08-29	20:00:00"	9.96	189	15.2	18.3	8.19	189.2	17.38	15.91	97.6	97.8	-0.153	16.34	14.55	26.28	77.486	0
"2011-08-29	21:00:00"	7.622	164.5	10.45	11.14	5.944	160.9	9.88	8.75	95	94.5	0.415	17.96	16.46	26.283	3.5746	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-29	22:00:00"	9.15	170.8	9.19	14.12	7.208	169.8	10.04	11.74	92.2	91.9	0.315	20.72	19.17	26.307	0
"2011-08-29	23:00:00"	8.24	179.5	9.5	11.74	6.422	178.8	10.92	9.95	90.4	90.1	0.297	23.19	21.71	26.324	0
"2011-08-30	00:00:00"	10.69	176.7	10.66	17.7	8.69	174.6	11.94	15.31	89.1	88.7	0.371	24.33	22.93	26.323	0
"2011-08-30	01:00:00"	16.4	180.8	7.774	27.24	13.34	179.3	9.68	21.28	89.7	89.4	0.344	24.96	23.55	26.32	0
"2011-08-30	02:00:00"	18.1	182.5	7.047	27.24	15.02	181.8	8.88	21.87	87.7	87.4	0.299	29.18	27.82	26.324	0
"2011-08-30	03:00:00"	12.88	189.7	8.73	21.87	10.63	189.6	10.82	18.3	85.2	84.9	0.3	33.12	31.81	26.329	0
"2011-08-30	04:00:00"	12.3	187.5	8.55	18.3	10.14	188.1	10.47	15.31	83.4	83.1	0.323	34.42	33.21	26.326	0
"2011-08-30	05:00:00"	13.34	182.1	6.952	19.49	10.91	181.2	8.69	15.91	82.2	81.9	0.348	34.55	33.38	26.322	0
"2011-08-30	06:00:00"	15.47	178.2	6.176	20.68	12.46	176.2	7.908	17.7	80.9	80.6	0.276	34.82	33.6	26.314	0
"2011-08-30	07:00:00"	14.12	183.9	8.15	19.49	11.52	183.6	10.03	17.1	80.1	79.85	0.253	34.66	33.42	26.319	0
"2011-08-30	08:00:00"	12.05	184.4	8.16	17.1	9.89	184.4	10.44	14.72	78.43	78.11	0.318	36.02	35.09	26.329	7.4694
"2011-08-30	09:00:00"	12.34	189.9	10.08	18.89	10.16	191.7	11.69	15.91	79.83	79.77	0.056	34.52	33.25	26.341	112
"2011-08-30	10:00:00"	10.25	195.7	36.29	21.87	10.97	190.6	30.48	18.89	84.6	84.7	-0.062	30.92	29.38	26.346	284.19
"2011-08-30	11:00:00"	16.87	212.7	12.78	24.86	13.41	212.3	14.72	21.87	88.7	89.7	-0.972	27.31	25.14	26.347	567.9
"2011-08-30	12:00:00"	15.21	216.3	13.55	23.66	12.53	216.1	14.75	20.68	91.8	93.1	-1.325	24.98	22.61	26.348	750.31
"2011-08-30	13:00:00"	14.69	218.5	15.03	23.07	12.23	219.9	17.47	21.28	95.6	97.2	-1.563	21.6	19.14	26.339	817.95
"2011-08-30	14:00:00"	12.69	212.4	17.77	21.28	10.48	213	20.13	18.89	97.3	98.6	-1.305	19.45	17.18	26.325	597.61
"2011-08-30	15:00:00"	10.95	233.4	29.02	21.87	8.83	234.3	33.25	16.51	99.3	101.1	-1.839	17.57	15.12	26.305	762.51
"2011-08-30	16:00:00"	7.755	199.5	31.64	17.1	6.305	198.7	37.56	16.51	99.9	101.2	-1.385	16.71	14.44	26.281	693.34
"2011-08-30	17:00:00"	9.69	198.7	22.6	24.26	7.88	199.9	26	21.87	100.8	102.2	-1.419	16.2	13.91	26.256	524.37
"2011-08-30	18:00:00"	7.988	187.7	45.92	17.1	6.5	188.7	50.15	15.91	100.8	101.8	-1.058	16.16	14.02	26.247	359.98
"2011-08-30	19:00:00"	10.59	171.6	53.36	27.84	8.49	170.1	54.73	24.26	98.5	98.8	-0.211	18.45	17.35	26.249	170.75
"2011-08-30	20:00:00"	9.27	192.2	37.53	18.89	7.412	193.6	40.25	15.91	97.9	97.9	-0.051	18.26	16.56	26.251	35.255
"2011-08-30	21:00:00"	8.08	32.7	95.3	18.89	5.686	38.48	93.2	15.31	93.5	93.2	0.346	22.64	21.22	26.292	0.56331
"2011-08-30	22:00:00"	8.24	183.8	48.57	22.47	6.267	185.6	50.77	19.49	92	91.8	0.247	24.33	22.92	26.332	0
"2011-08-30	23:00:00"	15.36	177.8	12.79	24.26	12.66	175.5	14.39	20.68	89.2	89.1	0.092	27.27	25.75	26.334	0
"2011-08-31	00:00:00"	15	161.8	11.19	23.66	12.65	159.6	11.46	20.09	87.7	87.6	0.116	26.34	24.89	26.334	0
"2011-08-31	01:00:00"	16.27	162.3	11.66	25.45	13.65	160.5	11.58	21.28	86.9	86.8	0.158	26.22	24.76	26.338	0
"2011-08-31	02:00:00"	20.51	174.8	7.499	30.82	16.77	172.5	9.29	25.45	84.9	84.7	0.218	28	26.62	26.338	0
"2011-08-31	03:00:00"	15.38	170.1	8.7	24.86	12.62	167.3	10.03	20.68	83.9	83.6	0.27	29.06	27.75	26.352	0
"2011-08-31	04:00:00"	14.54	175.3	8.81	22.47	12.05	173.1	10.8	20.68	83.1	82.8	0.31	29.93	28.65	26.356	0
"2011-08-31	05:00:00"	12.86	182.6	8.13	21.28	10.62	181.8	10.01	18.3	81.7	81.4	0.286	31.13	29.86	26.36	0
"2011-08-31	06:00:00"	16.15	177.2	6.919	23.66	13.25	175	8.97	20.68	81.5	81.3	0.192	31.66	30.32	26.356	0
"2011-08-31	07:00:00"	15.46	170	8.56	22.47	12.85	167.9	9.89	18.89	80.7	80.5	0.184	33.49	32.17	26.363	0
"2011-08-31	08:00:00"	16.5	176.4	11.15	24.86	13.63	175	13.07	21.28	79.71	79.59	0.118	35.77	34.45	26.372	5.3841
"2011-08-31	09:00:00"	8.23	201.3	12.8	14.72	6.583	202.2	15.06	12.93	78.81	78.87	-0.057	36.94	35.46	26.396	44.31
"2011-08-31	10:00:00"	16.11	179.9	8.37	23.07	13.4	177.8	10.85	21.28	81.1	81.7	-0.692	34.89	32.94	26.396	324.5
"2011-08-31	11:00:00"	15.15	177.5	9.79	23.66	12.74	175	11.58	19.49	83.6	84.7	-1.05	32.63	30.31	26.404	386
"2011-08-31	12:00:00"	15.38	175.9	12.91	24.26	13.07	174.3	15.01	21.87	87.7	89.6	-1.914	28.33	25.53	26.406	857.17
"2011-08-31	13:00:00"	16.06	176.6	12.34	22.47	13.74	175	14.27	20.09	90.9	93.3	-2.33	24.86	21.84	26.398	950.13
"2011-08-31	14:00:00"	14.31	182.1	17.25	23.66	12.11	181.4	19.96	21.28	92.6	94.4	-1.804	22.88	20.22	26.389	663.31
"2011-08-31	15:00:00"	13.16	162.5	18.61	21.28	11.25	161.4	18.79	18.89	93.9	95.9	-2.016	22.4	19.65	26.379	854.47
"2011-08-31	16:00:00"	13.37	170.2	19.28	23.66	11.45	170.7	21.64	20.09	95.6	97.8	-2.14	23.2	20.32	26.358	890.41
"2011-08-31	17:00:00"	15.53	152.7	18.69	26.65	13.23	152.1	18.9	24.26	96.3	98.3	-1.929	21.21	18.52	26.344	695.9
"2011-08-31	18:00:00"	16.87	149.9	15.25	25.45	14.28	149.9	14.56	24.26	96.4	97.9	-1.497	20.56	18.11	26.34	511.89

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-08-31	19:00:00"	18.41	162.2	13.71	27.84	15.71	160.3	13.77	25.45	95.2	96.1	-0.903	21.42	19.24	26.346	260.15	0
"2011-08-31	20:00:00"	17.81	166.2	10.79	25.45	15.04	163.9	11.01	23.07	93.1	93.4	-0.291	21.35	19.5	26.352	105.67	0
"2011-08-31	21:00:00"	14.12	169.5	7.691	23.07	11.69	167.3	9.03	18.89	90	89.8	0.172	21.63	20.08	26.368	2.3948	0
"2011-08-31	22:00:00"	11.15	168.7	7.497	16.51	9.09	166.8	8.68	14.72	86.7	86.4	0.318	23.41	21.98	26.395	0	0
"2011-08-31	23:00:00"	12.03	169.7	7.19	18.3	9.77	167.8	8.46	14.72	84.5	84.2	0.336	26.02	24.64	26.42	0	0
"2011-09-01	00:00:00"	12.43	173.3	5.812	17.1	10.02	170.8	7.516	13.52	82.5	82.2	0.34	29.32	27.98	26.432	0	0
"2011-09-01	01:00:00"	11.58	171.3	6.726	16.51	9.4	168.8	7.874	14.12	80.3	79.95	0.311	32.66	31.37	26.436	0	0
"2011-09-01	02:00:00"	10.91	173.1	6.744	17.1	8.73	170.3	8.13	12.93	78.36	78.04	0.32	35.74	34.51	26.44	0	0
"2011-09-01	03:00:00"	10.18	182.7	14.72	15.91	8.06	183.2	18.29	14.12	76.58	76.28	0.301	38.35	37.15	26.439	0	0
"2011-09-01	04:00:00"	7.601	170.7	12.05	12.33	5.785	167.3	13.25	9.95	75.07	74.65	0.423	40.78	39.56	26.443	0	0
"2011-09-01	05:00:00"	8.74	170.3	6.521	13.52	6.856	166.9	8.03	12.33	74.66	74.19	0.464	42.51	41.33	26.447	0	0
"2011-09-01	06:00:00"	9.5	170	7.061	14.72	7.512	166.4	8.11	11.14	74.14	73.67	0.464	44.17	43.05	26.453	0	0
"2011-09-01	07:00:00"	10.15	167.8	7.657	16.51	8.24	166.1	8.58	12.93	72.77	72.46	0.313	48.7	47.36	26.46	0	0
"2011-09-01	08:00:00"	12.52	170	7.419	19.49	10.25	168.2	8.9	17.7	72.69	72.51	0.176	59.6	58.32	26.47	14.29	0
"2011-09-01	09:00:00"	16.21	170.9	7.71	24.86	13.34	168.4	9.62	20.68	74.05	74.16	-0.103	62	60.75	26.48	148.23	0
"2011-09-01	10:00:00"	20.57	170.2	8.71	28.43	17.14	167.6	10.31	24.86	77.55	78	-0.452	47.07	45.26	26.485	348.67	0
"2011-09-01	11:00:00"	18.99	172.4	10.42	27.84	15.96	170.5	12.05	24.86	80.4	81.4	-0.991	40.49	38.19	26.494	555.77	0
"2011-09-01	12:00:00"	16.01	173.2	12.21	24.26	13.5	172	14.04	21.87	82.6	84.1	-1.526	37.38	34.83	26.495	732.59	0
"2011-09-01	13:00:00"	14.65	161.3	18.64	24.26	12.45	160.1	18.59	20.68	84.4	86.3	-1.904	34.98	32.05	26.482	854.68	0
"2011-09-01	14:00:00"	13.13	154.4	19.45	23.66	11.23	153.5	18.63	20.68	86.2	88.2	-2.006	32.29	29.25	26.461	914.7	0
"2011-09-01	15:00:00"	13.23	147.5	23.26	32.61	11.14	148.3	24.56	27.84	87.7	89.8	-2.035	29.56	26.61	26.437	889.68	0
"2011-09-01	16:00:00"	12.97	141.6	26.38	23.66	11	141.9	27.34	21.28	88.6	90.7	-2.176	28.14	25.17	26.415	836.18	0
"2011-09-01	17:00:00"	12.08	136.5	26.22	24.86	10.13	137.9	26.45	21.28	89.5	91.3	-1.808	26.99	24.19	26.389	703.24	0
"2011-09-01	18:00:00"	12.46	136	20.63	21.28	10.43	137	21.01	19.49	89.9	91.6	-1.717	25.53	22.8	26.378	520.73	0
"2011-09-01	19:00:00"	13.96	133.7	20.19	22.47	11.46	135.9	20.72	20.68	89.6	90.8	-1.197	26.23	23.81	26.375	265.26	0
"2011-09-01	20:00:00"	13.13	137.1	13.86	21.28	10.75	138.6	13.51	17.7	88.8	89.2	-0.489	26.62	24.64	26.372	109.83	0
"2011-09-01	21:00:00"	9.69	126.9	6.565	15.31	7.118	128.8	8.24	12.93	85.8	85.5	0.257	27.65	26.16	26.382	3.8716	0
"2011-09-01	22:00:00"	8.61	126.8	6.162	11.74	5.64	127	8.27	8.75	82.4	81.6	0.791	29.86	28.8	26.4	0	0
"2011-09-01	23:00:00"	8.8	113.8	15.35	12.33	5.189	108.5	18.06	8.16	79.84	78.52	1.319	31.47	30.83	26.417	0	0
"2011-09-02	00:00:00"	9.09	110.4	8.54	12.93	5.573	106.6	12.99	9.35	77	75.8	1.195	35.3	34.59	26.424	0	0
"2011-09-02	01:00:00"	8.38	122.7	6.983	11.14	5.387	122.6	9.63	8.16	76.23	75.27	0.956	36.95	36.28	26.428	0	0
"2011-09-02	02:00:00"	8.64	127.2	7.334	12.93	5.572	125	9.46	9.35	75.68	74.53	1.15	36.72	36.37	26.43	0	0
"2011-09-02	03:00:00"	8.17	125.1	8.04	11.14	5.039	121.8	11.2	8.75	75.03	73.57	1.456	35.86	35.81	26.429	0	0
"2011-09-02	04:00:00"	7.058	129	9.22	9.95	4.103	124.9	12.04	6.368	73.47	71.98	1.495	36.58	36.52	26.426	0	0
"2011-09-02	05:00:00"	7.149	140.6	9.85	11.14	4.689	135.2	12.23	8.16	73.15	71.88	1.275	37.78	37.42	26.423	0	0
"2011-09-02	06:00:00"	5.606	164.3	27.71	10.54	3.996	157.8	58.15	7.561	73.18	72.1	1.084	41.01	40.31	26.419	0	0
"2011-09-02	07:00:00"	3.119	169.5	24.57	8.16	1.567	152.9	57.11	5.175	72.66	71.14	1.524	44.63	43.97	26.425	0	0
"2011-09-02	08:00:00"	3	158.6	17.7	5.175	1.179	84.1	61.73	2.789	72.19	70.13	2.058	48.34	47.83	26.432	14.696	0
"2011-09-02	09:00:00"	5.808	179.7	13.05	15.31	4.199	172.7	21.52	13.52	73.19	73.04	0.149	52.74	50.94	26.435	155.15	0
"2011-09-02	10:00:00"	14.18	173.1	10.23	22.47	11.86	170.9	12.09	20.09	77.56	78.16	-0.607	54.07	51.75	26.433	360.9	0
"2011-09-02	11:00:00"	13.22	166.6	12.87	21.87	11.22	164.9	13.87	18.89	81.1	82.2	-1.148	47.65	44.63	26.434	584.44	0
"2011-09-02	12:00:00"	11.5	158.1	21.2	21.87	9.77	157.3	21.88	20.09	82.9	84.5	-1.598	40.8	37.6	26.433	755.27	0
"2011-09-02	13:00:00"	12.03	158.4	17.38	21.28	10.3	156.8	18.01	18.3	84.3	86	-1.685	39.54	36.39	26.422	685.87	0
"2011-09-02	14:00:00"	12.81	150.6	25.72	24.26	10.98	150.4	25.73	20.68	86.3	88.4	-2.117	35.67	32.38	26.397	924.73	0
"2011-09-02	15:00:00"	12.03	154.1	28.25	24.86	10.24	153.8	28.08	20.68	88.3	90.4	-2.153	32.71	29.49	26.372	887.34	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-02	16:00:00"	10.55	146.2	30.28	21.87	9.03	146.9	31.22	21.28	89.6	91.4	-1.848	30.72	27.76	26.348	771.54	0	
"2011-09-02	17:00:00"	10.63	142.1	29.79	26.65	9.06	143.2	32.87	23.66	90.4	92.2	-1.802	30.23	27.33	26.329	619.63	0	
"2011-09-02	18:00:00"	10.26	136.1	28.61	20.09	8.54	137.8	28.6	16.51	91.3	93	-1.657	28.55	25.79	26.318	515.17	0	
"2011-09-02	19:00:00"	10.51	152.3	17.12	17.7	9.02	151.3	16.67	14.72	91.4	92.3	-0.882	27.69	25.45	26.31	213.7	0	
"2011-09-02	20:00:00"	9.93	140.4	19.45	15.91	8.17	140.9	18.39	13.52	90.9	91.3	-0.443	27.93	25.97	26.309	98.568	0	
"2011-09-02	21:00:00"	7.963	129.9	9.48	11.74	5.77	130.9	10.55	9.95	87.7	87.4	0.281	29.73	28.22	26.313	3.2152	0	
"2011-09-02	22:00:00"	8.51	123.6	6.131	10.54	5.391	124.4	8.61	7.561	84.3	83.4	0.827	31.64	30.65	26.332	0	0	
"2011-09-02	23:00:00"	8.19	113	6.507	10.54	4.503	105.1	12.29	6.964	81.1	79.51	1.621	33.49	33.13	26.35	0	0	
"2011-09-03	00:00:00"	8.4	123	9.28	11.74	4.916	117.7	13.19	8.16	79.59	78.07	1.519	35.11	34.71	26.359	0	0	
"2011-09-03	01:00:00"	8.22	126.1	10.88	11.14	5.023	121.4	12.71	8.16	78.3	77.1	1.197	38.15	37.4	26.362	0	0	
"2011-09-03	02:00:00"	7.794	135	9.69	11.14	5.169	132.3	12.02	8.16	77.45	76.34	1.111	40.56	39.93	26.357	0	0	
"2011-09-03	03:00:00"	4.218	189.7	19.54	8.75	2.777	195	22.01	6.368	76.3	75.71	0.594	42.22	41.18	26.355	0	0	
"2011-09-03	04:00:00"	3.793	190.8	11.71	5.771	1.799	190.2	14.88	3.386	75.98	75.07	0.915	42.12	41.65	26.347	0	0	
"2011-09-03	05:00:00"	3.722	161.5	56.44	8.16	2.176	167.9	83.2	5.771	75.01	72.89	2.123	42.64	42.95	26.344	0	0	
"2011-09-03	06:00:00"	5.002	24.29	13.87	7.561	3.964	8.95	17.93	5.175	71.47	65.78	5.688	46.54	52.59	26.347	0	0	
"2011-09-03	07:00:00"	2.908	47.33	24.78	5.771	4.019	4.55	8.81	5.175	73.39	64.42	8.97	44.45	54.98	26.351	0	0	
"2011-09-03	08:00:00"	5.183	112.6	8.45	6.964	2.862	67.55	18.95	4.578	74.03	68.41	5.619	45	49.24	26.355	14.767	0	
"2011-09-03	09:00:00"	2.907	108.8	29.69	5.771	1.827	88.8	45.47	3.982	74.85	74.38	0.475	44.78	43.48	26.36	158.36	0	
"2011-09-03	10:00:00"	3.894	188.5	36.46	11.14	3.289	193.5	37.92	11.14	80.5	81.1	-0.551	39.57	37.63	26.361	363.28	0	
"2011-09-03	11:00:00"	5.764	189.8	24.01	11.14	4.79	189.4	30.14	11.14	83.9	84.9	-1.057	37.22	34.87	26.37	569.18	0	
"2011-09-03	12:00:00"	6.295	195.1	55.6	14.72	5.418	196.9	57.58	14.72	86.4	87.7	-1.279	34.75	32.21	26.371	740.2	0	
"2011-09-03	13:00:00"	7.329	106.5	64.22	15.91	6.202	110.4	67.35	14.12	88.5	90.7	-2.122	29.37	26.4	26.368	874.63	0	
"2011-09-03	14:00:00"	7.508	73.82	45.51	18.3	6.211	74.33	50.67	17.1	90.1	92.3	-2.254	28.42	25.3	26.356	888.68	0	
"2011-09-03	15:00:00"	7.614	82	52.14	15.91	6.287	83.5	55.18	14.12	91.6	93.7	-2.096	26.6	23.64	26.34	773.15	0	
"2011-09-03	16:00:00"	8.7	70.87	33.86	18.89	7.143	73.48	35.92	17.1	92.3	94.3	-1.975	25.16	22.3	26.322	577.97	0	
"2011-09-03	17:00:00"	9.95	71.1	28.5	19.49	8.19	71.47	33.17	16.51	93.6	96.1	-2.498	23.06	20.03	26.296	681.37	0	
"2011-09-03	18:00:00"	9.48	74.21	29.03	18.3	7.577	75.27	32.31	14.72	93.8	95.9	-2.138	22.98	20.1	26.283	466.67	0	
"2011-09-03	19:00:00"	10.06	91.8	21.25	17.7	7.879	92.8	22.99	15.31	93.7	95.2	-1.524	23.01	20.46	26.283	260.5	0	
"2011-09-03	20:00:00"	9.52	86	14.99	15.31	7.194	86.6	17.84	12.93	92.8	93.6	-0.754	23.75	21.61	26.288	102.06	0	
"2011-09-03	21:00:00"	7.18	74.22	4.837	9.95	3.992	71.06	9.91	7.561	89.2	88.3	0.89	26.23	24.96	26.303	2.702	0	
"2011-09-03	22:00:00"	7.155	82.9	5.158	8.75	3.248	74.8	11.93	5.771	85.7	84.4	1.264	29.54	28.39	26.332	0	0	
"2011-09-03	23:00:00"	12.44	47.38	18.36	25.45	9.44	43.84	16.84	20.68	83.9	83.4	0.582	35.26	34.01	26.361	0	0	
"2011-09-04	00:00:00"	13.15	54.23	8.62	23.07	10.27	53.01	10.08	18.89	81.3	81.3	0.078	43.16	41.5	26.383	0	0	
"2011-09-04	01:00:00"	10.38	56.66	8.61	15.91	8.01	55.7	10.2	14.12	80	79.93	0.072	44.17	42.55	26.395	0	0	
"2011-09-04	02:00:00"	18.29	23.06	9.37	29.63	14.4	21.65	14.69	27.24	78.18	78.2	-0.018	48.97	47.28	26.414	0	0	
"2011-09-04	03:00:00"	23.09	26.91	7.838	34.4	18.36	26.66	12.15	29.03	74.85	74.96	-0.111	61.88	60.2	26.422	0	0	
"2011-09-04	04:00:00"	21.39	26.09	7.247	32.61	16.97	26.48	11.92	26.65	73	73.19	-0.19	67.33	65.58	26.426	0	0	
"2011-09-04	05:00:00"	20.68	33.41	8.03	30.22	16.39	33.21	10.95	25.45	71.23	71.4	-0.168	69.7	68.02	26.427	0	0	
"2011-09-04	06:00:00"	22.14	17.4	8.42	30.82	17.18	14.97	16.28	26.65	69.74	69.92	-0.176	69.95	68.29	26.45	0	0	
"2011-09-04	07:00:00"	22.08	13.18	7.566	33.21	16.95	9.67	14.9	27.24	68.61	68.77	-0.159	73.15	71.6	26.476	0	0	
"2011-09-04	08:00:00"	20.72	21.45	9.31	32.01	16.07	20.37	15.26	26.65	68.36	68.57	-0.208	72.86	71.16	26.49	2.9213	0	
"2011-09-04	09:00:00"	21.57	30.32	8.2	30.22	17.09	30.5	11.88	26.65	67.28	67.63	-0.346	75.42	73.45	26.505	44.605	0	
"2011-09-04	10:00:00"	20.11	22.98	7.59	29.63	15.81	22.2	13.35	26.65	66.06	66.68	-0.626	78.92	76.38	26.519	88.363	0	
"2011-09-04	11:00:00"	19.72	22.09	7.458	27.24	15.42	21.03	13.63	23.66	67.25	68.18	-0.937	76.28	72.97	26.534	164.11	0	
"2011-09-04	12:00:00"	21.41	19.11	7.178	29.03	16.82	17.64	14.64	25.45	65.76	66.49	-0.733	79.67	77.21	26.558	110.01	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-04	13:00:00"	17.73	29.33	10.35	26.65	14.14	28.53	13.88	22.47	63.13	63.43	-0.309	87.6	87.8	26.571	101.9	0.05	
"2011-09-04	14:00:00"	17.95	25.4	7.938	26.05	14.16	24.8	12.54	23.07	62.62	62.98	-0.361	84.1	84.7	26.579	208.35	0	
"2011-09-04	15:00:00"	18.02	25.36	9.34	25.45	14.39	24.21	13.92	21.87	64.42	65.49	-1.072	78.02	77.09	26.575	470.09	0	
"2011-09-04	16:00:00"	18.04	22.99	8.93	25.45	14.44	21.58	14.62	22.47	66.79	68.66	-1.869	72.24	68.37	26.555	522.52	0	
"2011-09-04	17:00:00"	16.43	28.72	11.99	24.26	13.33	28.63	15.9	21.28	68.05	70.04	-1.996	68.62	64.02	26.54	566.86	0	
"2011-09-04	18:00:00"	14.55	27.36	11.81	20.68	11.84	26.66	15.89	18.3	68.29	70.22	-1.931	67.04	62.36	26.531	478.07	0	
"2011-09-04	19:00:00"	15.35	29.87	10.55	21.28	12.57	29.57	13.63	17.7	66.98	68.35	-1.367	68.54	64.66	26.527	255.04	0	
"2011-09-04	20:00:00"	13.88	29.47	8.33	18.89	11.24	29.5	12.04	16.51	65.35	65.95	-0.6	71.53	69.14	26.54	81.304	0	
"2011-09-04	21:00:00"	13.01	24.59	6.581	17.7	10.31	24.24	11.54	15.91	63.75	63.93	-0.176	73.6	72.18	26.55	1.8666	0	
"2011-09-04	22:00:00"	12.24	25.86	7.103	16.51	9.97	25.96	11.45	15.31	64.19	64.48	-0.298	72.02	70.33	26.565	0	0	
"2011-09-04	23:00:00"	10.03	29.05	6.716	14.12	8.12	29.01	10.8	12.33	64.92	65.09	-0.168	65.46	64.05	26.582	0	0	
"2011-09-05	00:00:00"	6.626	16.46	9.38	9.35	5.016	12.55	13.84	8.16	64.2	64.19	0.009	63.41	62.43	26.585	0	0	
"2011-09-05	01:00:00"	8.14	21.81	6.504	11.74	6.368	20.76	11.91	9.95	65.41	65.53	-0.116	58.33	57.03	26.589	0	0	
"2011-09-05	02:00:00"	9.09	25.17	7.079	12.33	7.196	24.66	11.11	10.54	66	66.06	-0.068	53.51	52.19	26.595	0	0	
"2011-09-05	03:00:00"	7.293	31.53	6.488	11.14	5.663	31.23	9.29	9.35	65.29	65.2	0.09	53.89	52.85	26.591	0	0	
"2011-09-05	04:00:00"	7.267	27.96	6.049	9.95	5.456	26.22	9.68	8.16	64.09	63.91	0.181	54.89	54.15	26.582	0	0	
"2011-09-05	05:00:00"	8.72	42.66	11.54	14.72	6.943	41.63	12.56	13.52	64.69	64.61	0.08	48.45	47.36	26.59	0	0	
"2011-09-05	06:00:00"	8.69	43.49	9.92	13.52	6.584	42.89	11.11	12.33	62.13	61.76	0.37	47.87	47.01	26.597	0	0	
"2011-09-05	07:00:00"	8.26	24.82	8.92	11.14	5.604	21.1	12.48	8.16	57.01	56.42	0.59	64.64	64.41	26.605	0	0	
"2011-09-05	08:00:00"	8.7	20.62	5.912	11.74	6.145	19.13	12.32	9.95	55.2	54.93	0.271	70.5	70.01	26.618	12.842	0	
"2011-09-05	09:00:00"	9.75	32.83	12.33	17.1	7.75	32.76	14.54	14.12	57.3	57.71	-0.42	59.65	57.88	26.629	156.91	0	
"2011-09-05	10:00:00"	13.5	60.9	10.06	18.3	10.88	60.41	12.13	15.91	61.64	62.74	-1.105	43.75	40.73	26.634	369	0	
"2011-09-05	11:00:00"	13.09	66.02	13.32	20.09	10.55	66.13	15.88	17.7	64.72	66.5	-1.778	36.86	33.79	26.64	580.63	0	
"2011-09-05	12:00:00"	11.42	55.87	17.51	17.7	9.49	55.07	20.23	15.31	67.1	69.33	-2.23	33.73	30.41	26.64	757.77	0	
"2011-09-05	13:00:00"	10.67	37.15	20.48	17.1	8.95	36.63	23.52	15.91	69.63	72.34	-2.708	31.2	27.61	26.629	879.19	0	
"2011-09-05	14:00:00"	10.05	47.6	24.26	18.3	8.29	48.55	27.69	18.3	72.31	75.18	-2.87	28.49	24.93	26.602	937.88	0	
"2011-09-05	15:00:00"	9.73	43.12	27.59	19.49	8.12	43.3	31.02	17.1	74.37	77.3	-2.934	27.19	23.67	26.576	910.19	0	
"2011-09-05	16:00:00"	10.42	59.22	26.98	22.47	8.62	57.94	28.94	18.89	76.01	78.75	-2.746	26.25	22.84	26.552	852.49	0	
"2011-09-05	17:00:00"	8.82	48.5	26.9	16.51	7.249	50.11	32.09	16.51	77.24	79.7	-2.465	25.3	22.11	26.528	716.49	0	
"2011-09-05	18:00:00"	7.518	51.54	27.12	16.51	6.278	51.56	34.5	13.52	77.8	79.81	-2.018	24.74	21.86	26.514	529.45	0	
"2011-09-05	19:00:00"	8.9	74.1	21.69	24.86	7.249	74.34	23.26	23.66	77.86	79.5	-1.633	24.73	22.06	26.511	270.68	0	
"2011-09-05	20:00:00"	8.01	63.64	14.2	13.52	6.341	64.12	16.08	11.14	76.9	77.7	-0.797	25.76	23.59	26.513	106.7	0	
"2011-09-05	21:00:00"	6.831	56.22	7.249	9.95	4.096	58.36	8.81	7.561	73.93	72.54	1.384	27.76	27.14	26.518	2.2462	0	
"2011-09-05	22:00:00"	5.313	49.72	4.536	7.561	2.561	34.39	15.3	5.175	71.92	68.81	3.114	29.07	29.9	26.534	0	0	
"2011-09-05	23:00:00"	5.276	57.83	4.312	7.561	3.159	39.7	17.12	4.578	69.65	65.89	3.768	31.55	32.83	26.548	0	0	
"2011-09-06	00:00:00"	7.717	60.89	4.062	9.95	4.215	57.77	7.427	6.368	68.07	65.39	2.679	34.37	34.97	26.554	0	0	
"2011-09-06	01:00:00"	8.56	71.98	5.644	9.95	4.64	68.05	8.12	6.368	64.37	61.7	2.666	37.19	38.59	26.551	0	0	
"2011-09-06	02:00:00"	8.31	95.4	7.827	9.35	4.21	71.48	7.358	5.771	63.48	58.58	4.892	36.09	41.73	26.541	0	0	
"2011-09-06	03:00:00"	8.34	97.1	4.44	9.35	4.423	70.59	7.016	5.771	62.6	57.4	5.199	34.55	40.92	26.538	0	0	
"2011-09-06	04:00:00"	8.71	100.4	3.761	9.95	4.398	74.57	7.544	5.771	61.34	56.62	4.727	33.65	39.5	26.538	0	0	
"2011-09-06	05:00:00"	8.32	106.6	5.392	9.95	3.745	79.62	13.44	5.175	59.58	55.35	4.229	33.77	38.58	26.535	0	0	
"2011-09-06	06:00:00"	7.903	125.9	9.31	9.95	4.316	116.1	15.41	6.964	58.62	56.18	2.44	32.29	33.94	26.537	0	0	
"2011-09-06	07:00:00"	6.911	159.3	18.55	11.14	4.859	159.1	20.58	10.54	58.34	57.38	0.962	31.09	30.74	26.545	0	0	
"2011-09-06	08:00:00"	5.478	179.6	8.75	8.75	3.598	180.1	10.47	5.771	57.47	56.63	0.84	32.17	31.84	26.559	13.773	0	
"2011-09-06	09:00:00"	6.148	183.4	9.2	12.33	4.696	181.1	10.19	10.54	58.68	58.52	0.163	31.38	30.9	26.573	164.92	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-06	10:00:00"	10.81	177.4	7.667	15.31	9	175.3	10	13.52	65.18	65.79	-0.606	25.08	23.82	26.577	379.54	0	
"2011-09-06	11:00:00"	11.13	178.1	12.62	17.7	9.47	176	14.52	16.51	69.48	70.71	-1.223	22.22	20.26	26.573	593.14	0	
"2011-09-06	12:00:00"	10.67	177.7	18.21	19.49	9.06	176.8	20.82	14.72	72.92	74.55	-1.628	21.3	18.95	26.57	771.02	0	
"2011-09-06	13:00:00"	8.73	193.1	29.29	18.3	7.481	193.8	32.28	15.31	75.49	77.2	-1.713	21.13	18.66	26.56	890.3	0	
"2011-09-06	14:00:00"	7.118	179	34.49	15.91	6.222	178.2	39.9	14.12	77.68	79.3	-1.615	20.85	18.45	26.545	946.87	0	
"2011-09-06	15:00:00"	8.82	143.4	36.23	17.7	7.558	144.7	38.85	16.51	80.1	81.9	-1.816	19.5	17.1	26.528	913.53	0	
"2011-09-06	16:00:00"	7.345	139.9	45.23	15.91	6.354	140.1	45.09	15.31	81.7	83.3	-1.607	18.09	15.8	26.51	856.08	0	
"2011-09-06	17:00:00"	8	155.2	36.7	18.3	6.875	154.5	37.9	16.51	83.2	84.8	-1.578	16.89	14.65	26.489	717.22	0	
"2011-09-06	18:00:00"	7.861	154.3	32.33	19.49	6.731	154.8	35.21	15.31	84	85.3	-1.357	16.54	14.36	26.474	527.35	0	
"2011-09-06	19:00:00"	8.96	141.4	23.55	15.31	7.6	141.8	24.77	14.72	84.1	85.1	-0.969	15.96	13.94	26.467	269.49	0	
"2011-09-06	20:00:00"	9.68	136.6	9.16	15.31	7.934	138.5	9.62	12.33	83.2	83.5	-0.335	16.29	14.52	26.474	102.4	0	
"2011-09-06	21:00:00"	8.77	127.2	6.103	12.33	5.474	127	7.641	8.75	78.25	77.11	1.138	18.18	17.13	26.487	1.9493	0	
"2011-09-06	22:00:00"	8.95	133.9	6.459	11.74	5.966	131.5	8.03	8.75	75.59	74.27	1.321	17.88	17.11	26.503	0	0	
"2011-09-06	23:00:00"	9.37	127.1	5.666	12.33	5.334	121.1	10.59	8.16	71.9	69.66	2.241	17.2	17.2	26.516	0	0	
"2011-09-07	00:00:00"	9.35	125.2	7.551	12.33	5.596	120	11.63	8.16	70.01	68.16	1.846	15.08	14.78	26.52	0	0	
"2011-09-07	01:00:00"	9.46	124	6.947	12.93	5.472	119	14.87	9.35	68.09	65.84	2.246	14.68	14.6	26.52	0	0	
"2011-09-07	02:00:00"	10.31	134.1	6.65	14.12	7.206	133	7.836	11.14	68.23	66.97	1.259	14.17	13.32	26.521	0	0	
"2011-09-07	03:00:00"	8.6	123.9	6.718	11.74	5.091	118.1	10.91	7.561	65.61	63.68	1.933	16.82	16.19	26.527	0	0	
"2011-09-07	04:00:00"	11.22	133.6	7.762	17.1	7.813	132.1	9.99	14.12	65.39	64.09	1.298	16.68	15.94	26.526	0	0	
"2011-09-07	05:00:00"	10.13	140.3	6.012	15.31	7.49	140.4	6.641	12.33	65.33	64.38	0.951	17.86	16.81	26.532	0	0	
"2011-09-07	06:00:00"	8.72	129.4	7.169	11.74	5.455	126.5	8.68	8.16	63.33	61.8	1.525	21.15	20.44	26.535	0	0	
"2011-09-07	07:00:00"	11	141	6.945	15.31	8.14	140.7	7.786	12.33	63.84	62.81	1.026	21.41	20.57	26.535	0	0	
"2011-09-07	08:00:00"	8.51	130.4	8.6	14.72	5.723	128.1	10.81	11.14	62.32	61.24	1.084	22.17	21.39	26.543	13.557	0	
"2011-09-07	09:00:00"	7.744	120.4	7.928	11.74	5.741	121.8	10.63	9.35	63.81	63.8	0.006	21.19	19.84	26.563	164.73	0	
"2011-09-07	10:00:00"	7.696	131.9	11.91	11.74	6.377	133.6	13.01	9.95	69.22	69.9	-0.684	18.19	16.44	26.575	370.86	0	
"2011-09-07	11:00:00"	9.58	153.4	17.59	15.91	8.25	153.1	16.95	13.52	74.79	75.84	-1.049	15.69	13.81	26.583	584.36	0	
"2011-09-07	12:00:00"	11.67	163	16.4	20.68	10.08	161.2	17.24	17.7	78.4	79.78	-1.383	13.69	11.73	26.585	756.08	0	
"2011-09-07	13:00:00"	10.99	153.1	21.21	20.09	9.38	153	21.6	16.51	81.1	82.8	-1.724	12.16	10.11	26.579	880.14	0	
"2011-09-07	14:00:00"	10.71	153.2	18.25	18.89	9.25	153.5	18.28	16.51	83.1	84.9	-1.766	10.96	8.97	26.57	939.05	0	
"2011-09-07	15:00:00"	10.48	154.8	22.59	20.68	8.95	155	22.57	19.49	84.6	86.4	-1.851	10.36	8.31	26.559	854.65	0	
"2011-09-07	16:00:00"	11.41	138	23.3	23.07	9.51	138	24	20.09	85.6	87.5	-1.853	9.74	7.746	26.543	756.21	0	
"2011-09-07	17:00:00"	10.4	123.6	23.73	18.89	8.62	125.4	25.14	17.1	86.5	88.2	-1.676	9.02	7.033	26.53	614.85	0	
"2011-09-07	18:00:00"	13.03	102.6	16.54	20.68	10.35	103.7	18.81	19.49	87.2	88.9	-1.67	8.3	6.285	26.527	492.78	0	
"2011-09-07	19:00:00"	12.22	104	14.42	20.68	9.55	105.9	16.79	17.1	86.7	87.9	-1.138	9.28	7.329	26.526	267.98	0	
"2011-09-07	20:00:00"	11.81	91.4	9.57	18.3	8.79	92.4	12.11	15.31	84.9	85.3	-0.465	10.83	9.03	26.539	85.606	0	
"2011-09-07	21:00:00"	11.4	71.61	7.374	16.51	8.37	70.56	9.88	12.93	80.2	80	0.174	14.25	12.67	26.564	1.3196	0	
"2011-09-07	22:00:00"	11.48	74.93	7.794	17.7	8.37	74.53	10.05	12.93	76.74	76.65	0.093	16.96	15.39	26.593	0	0	
"2011-09-07	23:00:00"	14	76.58	7.743	20.68	10.59	76.96	10.4	16.51	74.12	74.18	-0.055	21.2	19.53	26.617	0	0	
"2011-09-08	00:00:00"	16.75	72.37	8.22	24.86	12.74	72.21	10.6	20.09	72.91	72.91	0.001	24.51	22.91	26.642	0	0	
"2011-09-08	01:00:00"	16.96	75.48	7.666	25.45	12.89	75.31	10.27	20.09	71.53	71.69	-0.165	26.52	24.83	26.651	0	0	
"2011-09-08	02:00:00"	13.77	76.68	7.212	20.09	10.43	77.03	9.73	15.91	69.66	69.89	-0.226	28.07	26.35	26.653	0	0	
"2011-09-08	03:00:00"	12.21	68.37	7.689	18.89	9.37	67.74	10.06	14.72	68.31	68.4	-0.094	29.18	27.58	26.654	0	0	
"2011-09-08	04:00:00"	12.45	66.86	7.692	18.89	9.5	65.68	10.19	15.91	67.39	67.51	-0.123	29.11	27.51	26.659	0	0	
"2011-09-08	05:00:00"	11.42	67.03	8.16	18.3	8.77	66.34	10.58	14.12	66.57	66.73	-0.166	29.69	28.04	26.668	0	0	
"2011-09-08	06:00:00"	10.53	59.53	7.277	14.72	8.21	58.32	9.06	12.93	65.65	65.63	0.024	30.43	28.96	26.669	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-08	07:00:00"	9.13	57.61	7.772	13.52	6.861	56.31	9.26	11.14	63.94	63.76	0.183	32.06	30.72	26.672	0
"2011-09-08	08:00:00"	10.37	45.44	8.49	14.72	8.2	45	9.68	12.93	62.03	61.85	0.179	35.01	33.82	26.683	11.407
"2011-09-08	09:00:00"	10.14	47.14	9.17	14.12	8.33	46.22	10.07	12.93	62.17	62.44	-0.272	36.23	34.66	26.699	147.32
"2011-09-08	10:00:00"	12.09	66.22	13.71	18.89	9.74	65.26	16.17	15.31	65.96	67.1	-1.147	32.79	30.37	26.711	363.83
"2011-09-08	11:00:00"	11.63	73.07	15.13	17.7	9.46	73.03	17.8	14.72	69.05	70.78	-1.731	29.5	26.67	26.712	540.72
"2011-09-08	12:00:00"	10.06	75.55	18.86	15.91	8.23	75.98	22.06	14.72	72.07	74.18	-2.112	25.09	22.17	26.706	744.16
"2011-09-08	13:00:00"	6.856	117	53.25	13.52	5.75	119.8	53.78	12.33	74.87	76.52	-1.65	22.99	20.41	26.685	865.62
"2011-09-08	14:00:00"	5.945	140.3	59.97	15.91	5.159	138.7	62.45	12.93	76.61	78.27	-1.668	21.95	19.43	26.661	911.12
"2011-09-08	15:00:00"	6.044	87	55.6	12.93	5.01	90.1	59.46	12.33	78.4	80.4	-2.033	20.75	18.05	26.63	887.07
"2011-09-08	16:00:00"	6.819	90.9	71.74	17.7	5.858	95.6	72.29	15.31	79.58	81.5	-1.926	19.83	17.23	26.597	825.01
"2011-09-08	17:00:00"	7.294	61.17	50.96	21.87	6.095	60.32	55.84	19.49	80.9	83.1	-2.173	18.97	16.29	26.573	705.91
"2011-09-08	18:00:00"	6.583	117.3	44.47	16.51	5.39	119	43.72	14.72	81.2	82.6	-1.437	18.75	16.41	26.558	525.17
"2011-09-08	19:00:00"	7.168	103.8	38.04	12.33	5.837	105.3	44.34	11.74	81.3	82.5	-1.225	18.91	16.68	26.548	277.12
"2011-09-08	20:00:00"	7.129	83.1	13.35	11.14	5.078	82.1	16.85	9.35	79.88	80.8	-0.935	20	17.82	26.545	50.284
"2011-09-08	21:00:00"	7.324	82.8	5.064	8.75	3.643	80.7	11.38	6.368	75.62	75.44	0.186	23.12	21.36	26.545	1.1591
"2011-09-08	22:00:00"	7.664	78.51	5.424	8.75	3.695	70.59	11.77	5.771	72.77	71.01	1.759	25.26	24.43	26.551	0
"2011-09-08	23:00:00"	8	81.4	4.241	9.35	3.921	71.44	9.43	5.175	70.23	68.09	2.148	28.05	27.42	26.563	0
"2011-09-09	00:00:00"	7.8	88.1	6.262	9.95	4.429	85.9	11.51	6.964	69.1	69.08	0.017	30.83	29.01	26.566	0
"2011-09-09	01:00:00"	8.35	90.4	7.024	11.14	5.506	89.1	11.11	8.16	69.38	69.48	-0.101	32.01	30.24	26.567	0
"2011-09-09	02:00:00"	8.44	95.9	6.958	10.54	4.791	91	10.68	8.16	67.52	66.68	0.84	34.53	33.46	26.564	0
"2011-09-09	03:00:00"	8.56	97	4.78	9.95	3.841	81	10.45	5.175	65.69	63.72	1.969	36.68	36.25	26.548	0
"2011-09-09	04:00:00"	6.597	76.46	7.084	9.35	4.035	65.26	10.41	6.368	65.18	64.69	0.492	38	36.67	26.549	0
"2011-09-09	05:00:00"	6.727	70.26	10.19	8.75	4.287	63.54	11.33	6.964	65.48	64.85	0.635	38.17	37.06	26.546	0
"2011-09-09	06:00:00"	5.982	88	16.06	8.16	3.296	70.08	16.57	5.771	65.32	64.05	1.269	38.25	37.73	26.541	0
"2011-09-09	07:00:00"	4.974	43.51	12.88	6.964	3.98	15.96	17.03	5.771	64.81	61.24	3.565	38.64	40.82	26.557	0
"2011-09-09	08:00:00"	5.755	25.23	8.71	9.35	4.503	20.65	14.62	8.16	63.08	62.31	0.763	40.75	40.03	26.572	6.9483
"2011-09-09	09:00:00"	6.626	33.26	17.1	11.14	5.12	33.16	19.78	9.35	63.6	63.77	-0.171	41.72	39.75	26.587	47.465
"2011-09-09	10:00:00"	7.16	41.28	14.49	11.74	6.094	40.69	15.99	11.14	66.99	67.67	-0.678	38.24	36.14	26.588	199.6
"2011-09-09	11:00:00"	8.83	48.45	14.64	13.52	7.414	47.92	17.31	12.93	71.24	72.88	-1.638	32.64	29.82	26.589	499.42
"2011-09-09	12:00:00"	6.745	67.3	35.86	13.52	5.457	66.18	40.05	13.52	74.39	76.23	-1.844	29.84	26.92	26.585	595.14
"2011-09-09	13:00:00"	8.73	73.96	30.05	18.3	7.274	75.78	31.22	15.91	76.05	78.16	-2.11	28.83	25.76	26.57	756.83
"2011-09-09	14:00:00"	8.27	68.68	38.19	17.7	6.86	69.36	40.56	15.31	77.52	79.85	-2.327	28.37	25.15	26.546	857.5
"2011-09-09	15:00:00"	8.05	75	46.01	18.3	6.777	73.82	48.55	15.31	78.67	81	-2.34	27.74	24.53	26.524	749.02
"2011-09-09	16:00:00"	9.76	52.45	39.66	18.89	8.2	51.57	43.5	16.51	79.41	81.8	-2.343	28.09	24.83	26.501	704.45
"2011-09-09	17:00:00"	7.026	50.99	30.11	17.7	5.866	52.05	31.46	15.91	79.16	80.4	-1.258	28.56	26.02	26.494	231.41
"2011-09-09	18:00:00"	11.8	58.8	18.15	18.3	9.68	58.36	20.33	16.51	79.19	80.7	-1.499	28.57	25.89	26.479	304.35
"2011-09-09	19:00:00"	11.81	77.34	14.16	18.3	9.49	77.65	17.15	16.51	79.31	80.7	-1.391	27.97	25.34	26.471	231.04
"2011-09-09	20:00:00"	10.35	77.46	10.83	15.91	8.02	77.92	13.21	12.93	78.09	78.89	-0.804	28.99	26.76	26.476	75.688
"2011-09-09	21:00:00"	9.38	63.09	6.882	12.93	7.207	62.24	8.77	10.54	75.03	75	0.029	31.45	29.89	26.483	0.59462
"2011-09-09	22:00:00"	10.32	62.43	6.975	14.72	7.97	61.05	8.76	11.74	72.96	72.82	0.134	33.66	32.23	26.498	0
"2011-09-09	23:00:00"	9.09	60.23	6.912	12.33	6.618	58.64	8.63	9.95	69.64	69.27	0.374	36.7	35.54	26.512	0
"2011-09-10	00:00:00"	9.08	61.33	6.567	11.74	6.466	59.62	8.49	9.35	67.25	66.82	0.426	39.27	38.2	26.516	0
"2011-09-10	01:00:00"	7.864	68.3	8.05	11.14	5.77	66.38	9.69	8.75	68.31	68.47	-0.164	38.21	36.62	26.516	0
"2011-09-10	02:00:00"	6.155	68.57	6.705	8.16	4.136	65.76	9.64	6.368	68.28	68.35	-0.071	37.77	36.24	26.518	0
"2011-09-10	03:00:00"	6.395	71.82	7.157	8.16	4.036	65.39	11.1	5.771	67.58	67.35	0.237	38.53	37.32	26.516	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-10	04:00:00"	6.807	76.64	6.248	8.16	3.789	68.81	11.33	6.368	67.34	66.63	0.703	38.53	37.68	26.51	0	0
"2011-09-10	05:00:00"	6.697	51.24	9.91	9.35	4.608	46.43	11.1	6.964	66.5	65.86	0.641	39.39	38.62	26.506	0	0
"2011-09-10	06:00:00"	5.785	47.76	11.87	8.16	3.929	40.36	12.88	6.964	66.35	65.77	0.578	40.08	39.2	26.516	0	0
"2011-09-10	07:00:00"	5.835	46.13	13.11	9.95	4.375	41.3	16.04	7.561	65.62	65.34	0.272	41.76	40.43	26.53	0	0
"2011-09-10	08:00:00"	6.612	55.96	9.86	9.95	4.984	54.18	11.49	8.16	65.7	65.6	0.098	41.61	40.04	26.542	3.3383	0
"2011-09-10	09:00:00"	7.62	55.07	9.6	11.14	6.239	53.77	10.74	9.95	66.19	66.34	-0.157	41.09	39.37	26.551	58.995	0
"2011-09-10	10:00:00"	7.329	76.22	18.44	11.14	5.988	77.08	21.33	9.35	69.54	70.38	-0.838	35.2	33.08	26.559	197.71	0
"2011-09-10	11:00:00"	10.08	59.98	12.4	14.72	8.44	58.97	14.28	12.93	72.48	73.46	-0.971	31.78	29.53	26.573	237.66	0
"2011-09-10	12:00:00"	10.97	77.12	10.47	15.31	8.77	78.22	13.72	12.93	73.07	74.33	-1.264	31.81	29.34	26.583	245.09	0
"2011-09-10	13:00:00"	10.87	89	13.41	15.91	8.6	90	16.68	13.52	74.56	75.88	-1.327	30.71	28.42	26.578	307.24	0
"2011-09-10	14:00:00"	11.81	96.7	15.7	20.09	9.57	97.4	18.24	17.7	77.27	79.53	-2.261	28.02	25.02	26.565	775.57	0
"2011-09-10	15:00:00"	10.58	112.7	18.44	21.28	8.63	115.2	21.11	16.51	78.66	80.4	-1.763	26.3	23.59	26.549	566.15	0
"2011-09-10	16:00:00"	11.54	92	18.49	19.49	9.28	92.8	21.41	17.1	79.65	81.8	-2.19	25.99	22.94	26.532	605.46	0
"2011-09-10	17:00:00"	11.74	84.1	16.49	22.47	9.37	84.6	20.25	18.89	80.2	82	-1.827	25.91	23.09	26.519	509.5	0
"2011-09-10	18:00:00"	11.79	64.41	15.67	19.49	9.55	64.6	17.96	17.1	79.58	81	-1.423	27.24	24.6	26.516	291.6	0
"2011-09-10	19:00:00"	13.72	69.51	12.44	22.47	10.87	69.33	14.71	18.3	78.64	79.73	-1.093	29.73	27.26	26.51	174.16	0
"2011-09-10	20:00:00"	13.64	47.35	10.27	18.89	11.01	47.04	11.82	17.1	76.33	76.61	-0.281	32.83	31.01	26.511	79.855	0
"2011-09-10	21:00:00"	11.5	49.11	8.22	17.1	9.36	48.46	9.47	13.52	74.57	74.57	-0.001	35.42	33.89	26.515	0.63562	0
"2011-09-10	22:00:00"	10.03	46.4	8.28	14.72	7.91	45.88	9.49	11.74	72.5	72.27	0.238	39.92	38.54	26.53	0	0
"2011-09-10	23:00:00"	9.53	41.38	8.09	14.12	7.183	38.93	10.13	10.54	69.76	69.23	0.53	46.04	45.05	26.547	0	0
"2011-09-11	00:00:00"	8.68	34.14	7.176	11.74	6.08	30.93	10.72	8.75	66.78	65.94	0.835	48.56	48.07	26.564	0	0
"2011-09-11	01:00:00"	8.04	27.02	6.934	10.54	5.212	26.89	10.4	8.16	63.73	62.84	0.895	52.39	51.85	26.576	0	0
"2011-09-11	02:00:00"	8.42	30.44	7.493	10.54	5.688	31.73	9.58	8.16	62.46	61.69	0.764	57.56	56.7	26.578	0	0
"2011-09-11	03:00:00"	8.54	28.87	5.767	11.14	5.911	29.17	9.01	8.16	60.98	60.37	0.613	63.1	62.07	26.57	0	0
"2011-09-11	04:00:00"	8.5	23.05	5.732	11.14	5.898	24.02	10.02	8.75	60.12	59.61	0.511	66.2	65.34	26.56	0	0
"2011-09-11	05:00:00"	9.79	16.44	5.141	11.74	6.547	12.64	11.43	8.75	59.63	58.9	0.73	67.26	67.01	26.556	0	0
"2011-09-11	06:00:00"	9.84	15.88	4.815	12.33	6.653	11.38	11.15	9.95	59.98	59.16	0.819	65.47	65.56	26.564	0	0
"2011-09-11	07:00:00"	10	15.29	4.955	12.33	6.843	10.9	11.46	9.95	58.8	58.05	0.757	66.82	66.89	26.576	0	0
"2011-09-11	08:00:00"	10.12	19.89	5.486	12.33	7.082	19.03	11.43	9.95	58.37	57.83	0.54	67.01	66.69	26.589	9.3052	0
"2011-09-11	09:00:00"	9.44	29	9.88	12.93	7.305	29.27	12.88	11.14	61.85	62.03	-0.179	60.52	58.88	26.606	139.88	0
"2011-09-11	10:00:00"	10.78	65.82	14.53	15.91	8.8	65.3	16.11	13.52	70.22	71.26	-1.041	43.26	40.57	26.614	344.96	0
"2011-09-11	11:00:00"	11.98	81.2	11.86	18.3	9.68	81.6	14.77	15.31	74.88	76.65	-1.769	35.95	32.89	26.623	548.77	0
"2011-09-11	12:00:00"	9.96	96.5	15.68	17.1	8.1	98.2	18.82	15.31	77.76	79.62	-1.857	32.1	29.07	26.63	712.12	0
"2011-09-11	13:00:00"	6.832	99.5	48.85	15.91	5.612	97.3	55.4	15.31	80.3	82.1	-1.737	29.22	26.41	26.622	847.22	0
"2011-09-11	14:00:00"	6.848	103.9	56.87	16.51	5.847	103.4	59.79	15.31	82.4	84.4	-2.05	27.59	24.58	26.603	892.82	0
"2011-09-11	15:00:00"	6.61	168.9	61.1	15.31	5.64	166.1	63.38	14.72	83.8	85.6	-1.758	25.57	22.84	26.579	863.72	0
"2011-09-11	16:00:00"	7.257	151.2	56.96	15.31	6.143	152.8	58.49	14.12	85.4	87	-1.66	23.85	21.22	26.554	797.56	0
"2011-09-11	17:00:00"	5.116	153.5	66.2	17.1	4.28	156.7	61.01	14.12	86.4	87.5	-1.187	22.96	20.61	26.53	528.06	0
"2011-09-11	18:00:00"	6.76	149.5	46.39	15.91	5.599	150	49.34	14.12	87.2	88.5	-1.24	21.93	19.57	26.514	478.13	0
"2011-09-11	19:00:00"	6.189	146.1	39.98	12.33	5.143	146	42.13	11.74	87.7	88.6	-0.854	21.34	19.18	26.509	255.09	0
"2011-09-11	20:00:00"	6.446	137	15.35	11.74	5.061	137.6	16.24	9.35	87.2	87.4	-0.221	21.32	19.44	26.512	73.919	0
"2011-09-11	21:00:00"	6.969	118.6	10.04	9.35	3.636	110	17.68	5.175	84	81.7	2.323	23.19	22.59	26.521	0.58947	0
"2011-09-11	22:00:00"	6.638	144.1	27.35	9.35	3.858	137.6	32.39	6.368	80.9	78.71	2.148	25.02	24.59	26.541	0	0
"2011-09-11	23:00:00"	7.722	146.7	8.03	11.14	5.422	145.2	8.4	9.35	80.4	79.3	1.109	25.49	24.53	26.555	0	0
"2011-09-12	00:00:00"	8.31	135.6	7.424	11.14	5.052	131.5	11.16	8.16	78.06	76.36	1.7	27.13	26.61	26.56	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-12	01:00:00"	8.7	123.8	8.71	12.33	5.165	120.5	9.98	8.75	75.7	73.83	1.868	28.78	28.54	26.558	0
"2011-09-12	02:00:00"	10.29	123.1	6.607	14.12	7.098	124.5	8.81	11.14	74.67	73.83	0.841	30.07	29.16	26.555	0
"2011-09-12	03:00:00"	9.11	133.5	11.17	12.93	6.476	134	12.1	9.95	73.04	72.29	0.755	31.46	30.55	26.549	0
"2011-09-12	04:00:00"	8.32	160.2	9.91	14.12	6.543	159.4	10.23	9.95	72.99	72.41	0.584	31.65	30.62	26.543	0
"2011-09-12	05:00:00"	7.059	172	7.998	11.14	5.134	172.9	9.99	9.95	72.07	71.23	0.841	32.75	31.89	26.542	0
"2011-09-12	06:00:00"	6.187	167.7	9.11	9.35	4.291	168.2	10.07	7.561	71.62	70.57	1.051	33.77	33.11	26.545	0
"2011-09-12	07:00:00"	4.893	170.4	7.774	8.16	2.89	164.1	12.31	6.368	70.62	69.45	1.172	35.06	34.62	26.553	0
"2011-09-12	08:00:00"	5.044	174.5	8.02	6.964	2.941	170.5	10.07	4.578	69.86	68.59	1.272	36.46	36.29	26.567	9.0104
"2011-09-12	09:00:00"	5.059	183.9	9.36	7.561	3.39	181.1	10.9	5.771	70.76	70.27	0.492	36.51	35.68	26.582	133.59
"2011-09-12	10:00:00"	4.913	213.8	16.94	6.964	4.089	214.3	19.82	6.368	75.45	75.88	-0.423	32.87	31.17	26.59	336.79
"2011-09-12	11:00:00"	6.333	216	13.3	11.14	5.328	217.7	15.01	11.74	81.6	82.5	-0.857	27.63	25.58	26.589	540.51
"2011-09-12	12:00:00"	11.16	215.1	16.23	19.49	9.43	216.5	18	16.51	86.5	87.8	-1.321	23.15	20.82	26.585	711.36
"2011-09-12	13:00:00"	12.48	207.5	19.86	20.09	10.43	208.3	22.96	18.89	89	90.8	-1.773	20.66	18.13	26.574	843.59
"2011-09-12	14:00:00"	11.88	197.3	22.17	23.66	9.98	198.1	24.95	20.09	90.3	92.2	-1.843	19.69	17.15	26.555	862.91
"2011-09-12	15:00:00"	9.86	226.2	33.29	22.47	8.39	227	37.02	20.68	91.7	93.6	-1.892	19.02	16.49	26.531	859.15
"2011-09-12	16:00:00"	9.99	219.8	34.74	24.26	8.25	219.7	37.49	19.49	92.8	94.6	-1.811	18.28	15.81	26.502	731.67
"2011-09-12	17:00:00"	7.836	204.5	39.56	18.89	6.624	201.8	43.96	14.72	92.9	94.1	-1.138	18.11	15.9	26.48	378.76
"2011-09-12	18:00:00"	9.03	236.2	31.73	17.7	7.338	238.1	33.52	15.31	93.3	94.4	-1.073	17.85	15.69	26.469	357.75
"2011-09-12	19:00:00"	7.663	228.3	39.48	15.91	6.062	230.3	41.28	15.91	92.9	93.2	-0.381	18.07	16.19	26.468	114.09
"2011-09-12	20:00:00"	4.161	6.715	67.83	9.35	2.62	6.472	73.49	5.771	91.7	91.1	0.572	18.63	17.17	26.469	25.037
"2011-09-12	21:00:00"	3.648	109.2	31.62	5.175	2.423	87.2	50.64	3.982	89.8	88.1	1.731	19.5	18.66	26.476	0.29876
"2011-09-12	22:00:00"	4.644	37.02	42.74	7.561	2.882	28.82	37.85	5.175	89.3	86.3	3.005	20.08	20.06	26.495	0
"2011-09-12	23:00:00"	5.188	42.37	70.68	10.54	4.283	36.18	75.59	10.54	86.9	85.7	1.201	22.54	21.56	26.518	0
"2011-09-13	00:00:00"	4.255	43.88	66.5	6.964	2.942	42.47	69.05	5.771	84.3	82.7	1.63	24.55	23.88	26.523	0
"2011-09-13	01:00:00"	4.505	83.4	100.2	8.16	3.492	95.4	93.5	6.964	82.3	80.4	1.899	25.94	25.55	26.527	0
"2011-09-13	02:00:00"	6.934	203.7	18.09	15.91	4.782	199.7	20.7	11.74	78.64	77.41	1.226	27.38	26.77	26.529	0
"2011-09-13	03:00:00"	8.48	185.3	9.34	15.31	6.552	183.4	12.28	13.52	78.28	77.41	0.877	27.05	26.11	26.522	0
"2011-09-13	04:00:00"	5.611	195.4	14.46	8.16	3.499	196.8	22.28	5.771	76.23	74.91	1.327	28.56	27.95	26.511	0
"2011-09-13	05:00:00"	6.096	182.8	9.39	10.54	3.856	177.3	12.83	8.16	75.64	74.17	1.466	29.58	29.08	26.497	0
"2011-09-13	06:00:00"	7.865	181.9	10.29	12.33	5.763	182.4	11.24	10.54	75.36	74.31	1.046	30.82	30.1	26.486	0
"2011-09-13	07:00:00"	7.211	166.4	9.34	11.74	5.342	165.7	11.22	9.35	73.67	72.83	0.836	32.91	32.08	26.483	0
"2011-09-13	08:00:00"	4.848	211	22.1	6.964	3.41	219.2	24.77	5.175	72.63	71.79	0.838	34.26	33.41	26.489	5.0945
"2011-09-13	09:00:00"	6.127	244.8	12.13	9.95	4.392	252.6	12.77	8.16	72.11	71.41	0.7	35.18	34.31	26.5	66.477
"2011-09-13	10:00:00"	9.13	238.6	16.67	14.12	7.473	240.4	20.07	12.93	74.84	75.46	-0.612	33.39	31.45	26.51	358.17
"2011-09-13	11:00:00"	8.71	255.8	29.31	15.31	6.892	257.3	31.66	12.93	79.39	80.7	-1.331	28.58	26.2	26.513	505.79
"2011-09-13	12:00:00"	7.807	306.3	25.01	16.51	5.601	307.7	25.3	15.91	84.1	86.2	-2.154	23.86	21.05	26.512	726.62
"2011-09-13	13:00:00"	5.25	265.3	42.36	10.54	4.086	266.1	45.01	9.95	87.7	89.5	-1.787	21.08	18.57	26.496	845.91
"2011-09-13	14:00:00"	6.612	265.7	33.38	14.12	5.265	265.7	38.48	12.33	90.5	92.5	-1.912	19.9	17.35	26.476	885.7
"2011-09-13	15:00:00"	6.708	252	65.9	18.3	5.455	254.7	67.5	16.51	92.2	93.9	-1.651	19.17	16.74	26.454	715.32
"2011-09-13	16:00:00"	9.49	241.5	28.93	19.49	8.1	243.8	31.02	19.49	93.4	95	-1.65	17.93	15.53	26.431	654.62
"2011-09-13	17:00:00"	7.905	234.5	26.11	15.91	6.602	234.8	29.13	15.31	93.1	94.2	-1.156	17.79	15.6	26.413	374.87
"2011-09-13	18:00:00"	10.28	211.8	24.91	20.09	8.65	212.4	27.63	18.3	94.3	95.6	-1.306	16.64	14.42	26.389	510.76
"2011-09-13	19:00:00"	8.11	228.2	22.96	16.51	6.886	230.2	25.59	15.91	93.8	94.4	-0.555	16.57	14.63	26.382	182.91
"2011-09-13	20:00:00"	3.898	231.4	37.56	9.95	2.897	233.9	45.68	8.75	93	92.8	0.208	17	15.38	26.378	27.712
"2011-09-13	21:00:00"	3.032	164.6	48.51	14.12	2.266	127	53.7	9.95	90.9	89.6	1.257	17.79	16.74	26.381	0.2932

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2011-09-13	22:00:00"	7.338	1.338	14.89	12.93	5.088	355.8	15.51	11.14	85.1	84.4	0.721	23.54	22.28	26.402		0	0
"2011-09-13	23:00:00"	5.903	38.04	42.1	9.95	3.49	46.68	47.09	7.561	82.8	81.8	1.022	25.26	24.13	26.417		0	0
"2011-09-14	00:00:00"	5.899	95.5	61.59	14.12	4.169	102.8	68.72	11.14	82	80.9	1.114	25.87	24.92	26.425		0	0
"2011-09-14	01:00:00"	7.563	198.7	54.03	26.05	5.795	201	57.5	22.47	84.2	83.6	0.575	24.89	23.83	26.427		0	0
"2011-09-14	02:00:00"	9.6	187.7	17.4	17.7	7.614	187	22.72	15.31	83.5	82.9	0.672	26.33	25.31	26.411		0	0
"2011-09-14	03:00:00"	6.429	265.7	30.6	10.54	4.121	274.6	32.9	9.35	81.1	80.2	0.922	27.83	26.96	26.424		0	0
"2011-09-14	04:00:00"	2.783	119.9	81.2	6.368	2.326	63.18	61	3.982	80.4	78.04	2.319	28.78	28.72	26.412		0	0
"2011-09-14	05:00:00"	5.675	142.5	14.98	9.35	3.516	120.6	29.57	7.561	77.98	75.28	2.699	31.55	31.75	26.403		0	0
"2011-09-14	06:00:00"	5.267	140.9	21.02	9.35	2.53	126.1	47.82	6.964	75.82	73.11	2.712	34.33	34.9	26.401		0	0
"2011-09-14	07:00:00"	5.104	141.1	30.59	8.75	3.028	118	56.31	6.964	74.95	72.59	2.363	36.32	36.29	26.405		0	0
"2011-09-14	08:00:00"	10.07	16.28	8.26	15.31	7.811	12.72	13.74	14.12	70.45	69.97	0.486	44.93	43.59	26.435	4.4486		0
"2011-09-14	09:00:00"	13.01	15.3	12.45	22.47	10.16	13.12	18.19	20.68	66.2	66.65	-0.455	61.47	59.08	26.455	105.24		0
"2011-09-14	10:00:00"	17.31	14.65	9.74	23.66	13.59	12.61	14.77	21.28	69.01	70.04	-1.027	58.35	55.01	26.451	278.81		0
"2011-09-14	11:00:00"	15.74	21.24	8.26	22.47	12.57	20.02	15.44	20.68	73.33	74.79	-1.459	50.75	46.79	26.459	326.4		0
"2011-09-14	12:00:00"	18.3	28.67	10.81	27.24	14.97	29.01	14.84	23.07	77.91	79.82	-1.902	42.95	38.98	26.462	643.63		0
"2011-09-14	13:00:00"	18.99	45.5	13.38	28.43	15.52	44.76	15.06	23.66	80.8	83.1	-2.344	37.98	34.2	26.448	792.57		0
"2011-09-14	14:00:00"	17.29	25.81	16.75	29.03	14.07	24.42	20.29	26.05	80.6	82.3	-1.637	38.48	35.39	26.467	434		0
"2011-09-14	15:00:00"	17.88	23.54	14.55	28.43	14.44	22.68	18.35	24.26	80.7	83.4	-2.699	39.14	34.96	26.454	729.82		0
"2011-09-14	16:00:00"	13.9	40.52	16.71	21.87	11.5	40.39	18.54	20.68	81.5	83.3	-1.841	36.68	33.4	26.44	402.56		0
"2011-09-14	17:00:00"	13.41	48.27	12.46	20.09	10.97	48.7	13.79	18.3	82.4	84	-1.536	34.2	31.29	26.422	364.54		0
"2011-09-14	18:00:00"	14	35.31	15.78	22.47	11.43	34.53	18.76	20.09	82.8	84.3	-1.51	34.16	31.28	26.404	350.51		0
"2011-09-14	19:00:00"	13.02	44.84	13.39	21.28	10.62	44.3	14.98	18.3	82.5	83.2	-0.768	32.59	30.37	26.402	167.73		0
"2011-09-14	20:00:00"	11.75	55.16	10.99	17.7	9.42	54.33	12.35	16.51	81.2	81.4	-0.153	33.56	31.87	26.409	28.451		0
"2011-09-14	21:00:00"	10.9	58.85	8.27	16.51	8.53	57.73	10.01	14.12	78.86	78.83	0.028	37.32	35.85	26.418	0.20638		0
"2011-09-14	22:00:00"	14.67	85.3	14.72	27.24	10.77	86.3	16.65	21.28	75.73	75.49	0.248	46.36	46.77	26.447	0		0
"2011-09-14	23:00:00"	18.52	103.5	11.99	32.01	13.99	105.2	14.31	25.45	69.45	69.42	0.032	63.39	62.42	26.457	0		0
"2011-09-15	00:00:00"	13.08	90.8	11.23	21.28	9.82	91.5	13.84	17.1	68.41	68.59	-0.173	65.31	63.63	26.463	0		0
"2011-09-15	01:00:00"	16.78	90.4	7.359	26.05	12.66	91.3	10.8	20.68	66.94	67.29	-0.356	69.58	67.48	26.472	0		0
"2011-09-15	02:00:00"	18.15	76.75	9.44	26.65	13.93	76.95	11.68	22.47	65.52	65.93	-0.406	76.38	74.34	26.457	0		0
"2011-09-15	03:00:00"	16.21	23.33	30.21	26.05	12.49	19.59	33.58	24.26	63.1	63.18	-0.085	84	83.9	26.485	1.3867		0.3
"2011-09-15	04:00:00"	14.03	25.94	13.6	23.07	11.19	24.46	17.69	19.49	61.97	62.16	-0.197	88.5	88.5	26.503	2.0703		0.15
"2011-09-15	05:00:00"	13.61	34.05	20.44	27.24	10.77	31.93	23.71	21.87	61.93	62.11	-0.175	89.3	89.2	26.499	2.0703		0.2
"2011-09-15	06:00:00"	11.46	35.74	9.89	20.68	9.02	34.4	11.83	18.3	61.77	61.99	-0.215	88.9	88.3	26.534	2.1045		0.34
"2011-09-15	07:00:00"	16.63	59.37	28.41	29.63	12.63	60.05	30.8	24.86	61.06	61.25	-0.194	89.2	88.7	26.528	2.7181		0.31
"2011-09-15	08:00:00"	18.36	93.9	7.517	28.43	12.45	95	10.41	23.07	60.51	60.82	-0.318	89.7	89.2	26.512	6.021		0.11
"2011-09-15	09:00:00"	14.05	83	9.15	20.68	9.43	83.9	11.59	15.91	59.99	60.45	-0.459	89.8	88.8	26.524	16.579		0.1
"2011-09-15	10:00:00"	15.62	79.98	7.761	23.07	11.15	80.9	10.09	18.89	59.43	59.89	-0.462	89.7	88.8	26.533	45.266		0.12
"2011-09-15	11:00:00"	16.21	87	7.906	23.66	11.96	88.6	11.23	18.89	59.33	59.99	-0.66	89.7	88.9	26.547	143.58		0
"2011-09-15	12:00:00"	14.98	93.1	8.38	23.07	11.35	95.1	11.38	18.3	59.88	60.94	-1.061	89	87.1	26.56	333.76		0
"2011-09-15	13:00:00"	12.58	97.2	8.72	17.7	9.69	98.9	11.68	14.72	60.18	61.35	-1.175	86.6	84.1	26.557	277.62		0.01
"2011-09-15	14:00:00"	11.95	94.7	9.66	18.3	9.18	96.1	12.05	14.72	61.19	62.19	-1.001	84.9	83	26.546	235.65		0.01
"2011-09-15	15:00:00"	12.02	89.8	10.02	18.3	9.33	90.9	12.77	16.51	61.7	62.51	-0.811	81.5	80.6	26.537	169.19		0
"2011-09-15	16:00:00"	11.59	70.48	10.39	15.91	9.11	69.52	13.04	15.91	61.2	61.73	-0.536	81.1	80.8	26.529	104.57		0
"2011-09-15	17:00:00"	12.16	71.31	10.48	17.7	9.6	70.85	13.22	14.72	60.04	60.59	-0.556	83.2	82.5	26.516	111.72		0
"2011-09-15	18:00:00"	12.51	69.02	11.14	17.1	9.93	68.46	13.35	15.91	60.29	60.94	-0.648	82.7	81.9	26.497	170.87		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-15	19:00:00"	12.17	86.4	11.47	17.1	9.35	87.2	13.98	14.72	59.93	60.55	-0.615	83.5	82.5	26.488	82.548	0	
"2011-09-15	20:00:00"	10.76	91.2	11.34	15.31	8.28	92.2	14.34	12.93	59.84	60.24	-0.405	84	83.4	26.485	19.615	0	
"2011-09-15	21:00:00"	9.79	74.61	12.36	14.72	7.621	74.43	14.53	12.33	59.54	59.81	-0.269	84.8	84.2	26.482	0.10886	0	
"2011-09-15	22:00:00"	12.24	73.83	9.24	17.7	9.52	74.05	11.77	14.12	58.83	59.08	-0.251	86.4	85.8	26.497	0	0	
"2011-09-15	23:00:00"	12.92	80.7	8.88	18.3	9.9	82.3	11.61	16.51	58.46	58.73	-0.272	87.8	87.4	26.525	0	0	
"2011-09-16	00:00:00"	10.11	87.8	9.6	15.91	7.642	89.7	12.54	13.52	58.57	58.81	-0.237	88.5	87.9	26.534	0	0	
"2011-09-16	01:00:00"	10.58	78.86	9.55	17.1	8.12	79.45	12.11	14.12	58.39	58.62	-0.238	87.8	86.7	26.513	0	0	
"2011-09-16	02:00:00"	11.61	78.02	14.71	17.1	8.88	78.07	16.81	14.72	57.67	57.86	-0.185	86.8	86	26.513	0	0	
"2011-09-16	03:00:00"	7.347	13.67	67.47	20.09	5.14	12.49	65.34	14.72	57.12	57.3	-0.183	85.9	85.5	26.558	0.8147	0.57	
"2011-09-16	04:00:00"	6.768	89.6	24.74	11.74	5.058	92.3	26.16	9.95	56.94	57.13	-0.19	87.2	87.2	26.549	1.3158	0.07	
"2011-09-16	05:00:00"	11.75	108.5	9.25	21.28	8.58	110.5	11.55	16.51	56.8	56.95	-0.152	88.1	88.1	26.509	1.2744	0	
"2011-09-16	06:00:00"	12.45	109.9	8.9	23.66	8.38	112.2	11.54	19.49	56.57	56.64	-0.07	88.6	88.3	26.465	0.92379	0	
"2011-09-16	07:00:00"	5.491	101.9	47.57	11.74	3.089	103.7	53.91	9.35	55.99	55.92	0.071	88.3	87.7	26.478	0.69029	0	
"2011-09-16	08:00:00"	4.723	22.62	27.31	7.561	2.254	22.42	30.67	5.175	55.26	54.94	0.317	88.3	87.7	26.494	7.6322	0	
"2011-09-16	09:00:00"	2.837	241.7	60.07	6.964	1.696	242.2	56.01	6.368	56.36	56.41	-0.05	88.9	89	26.513	80.682	0	
"2011-09-16	10:00:00"	6.184	207.1	20.48	9.95	4.538	208.2	22.95	8.75	57.75	58.05	-0.295	88.9	88.9	26.521	119.08	0	
"2011-09-16	11:00:00"	8.03	205.7	17.04	14.12	6.461	207.2	20.16	12.93	60.34	60.84	-0.501	88.6	88.3	26.519	187.71	0	
"2011-09-16	12:00:00"	10.29	200.4	12.34	16.51	8.54	202.5	15.69	14.72	62.38	62.87	-0.486	85	84.6	26.523	324.67	0	
"2011-09-16	13:00:00"	8.69	205.4	17.19	14.12	7.207	207.1	19.94	14.12	64.92	65.91	-0.983	80.2	78.88	26.508	515.62	0	
"2011-09-16	14:00:00"	6.774	199.6	25.42	13.52	5.669	199	28.42	11.14	67.73	68.85	-1.118	75.57	74.29	26.492	914.39	0	
"2011-09-16	15:00:00"	7.084	191.5	27.62	12.33	5.899	190.9	30.38	11.74	71.47	72.39	-0.921	67.05	66.56	26.471	849.11	0	
"2011-09-16	16:00:00"	6.524	171.1	35.95	16.51	5.36	168.9	38.93	14.72	74.75	75.48	-0.735	57.44	57.15	26.446	790.22	0	
"2011-09-16	17:00:00"	8.27	182.3	30.64	15.91	6.793	182.1	33.97	12.93	75.96	76.74	-0.779	57.36	57.21	26.433	636.67	0	
"2011-09-16	18:00:00"	8.11	185	29.34	12.93	6.658	185.6	30.92	11.74	77.14	77.7	-0.557	54.54	54.52	26.422	445.79	0	
"2011-09-16	19:00:00"	6.378	175.8	17.1	11.14	5.131	176.2	19.59	10.54	77.58	77.83	-0.242	53.36	53.6	26.413	229.37	0	
"2011-09-16	20:00:00"	7.33	165.2	10.48	11.74	5.764	161.9	10.62	10.54	77.17	76.77	0.4	53.85	55.34	26.408	55.916	0	
"2011-09-16	21:00:00"	7.521	171.5	8.36	10.54	5.519	166.4	9.41	8.75	74.61	73.76	0.857	59.24	61.67	26.411	0.35281	0	
"2011-09-16	22:00:00"	6.809	165.7	10.38	10.54	4.692	159.5	12.46	7.561	73.23	72.17	1.06	62.93	65.79	26.431	0	0	
"2011-09-16	23:00:00"	7.695	159.5	9.53	12.93	5.402	157.4	10.35	9.95	73.45	72.13	1.326	61.73	65.12	26.445	0	0	
"2011-09-17	00:00:00"	9.01	160.4	8.52	13.52	7.195	157.3	8.21	11.14	71.73	71.14	0.594	68.06	68.97	26.451	0	0	
"2011-09-17	01:00:00"	10.66	169.9	7.446	15.91	8.41	167.4	8.79	12.93	70.68	70.14	0.545	72.79	73.53	26.45	0	0	
"2011-09-17	02:00:00"	6.603	168	8.9	12.93	4.801	167.1	9.69	11.14	69.63	69.07	0.561	75.67	76.45	26.445	0	0	
"2011-09-17	03:00:00"	8.92	173	5.888	11.74	6.774	169.3	7.17	9.35	68.75	68.13	0.624	78.3	79.33	26.446	0	0	
"2011-09-17	04:00:00"	8	179.7	7.599	11.14	6.243	177.1	9	9.35	67.64	67.18	0.46	81.7	82.3	26.444	0	0	
"2011-09-17	05:00:00"	8.66	186.4	7.898	13.52	6.717	188.4	10.07	11.74	66.5	66.15	0.355	84.7	85.1	26.442	0	0	
"2011-09-17	06:00:00"	9.57	193.1	7.584	12.93	7.46	195.9	9.99	11.74	65.79	65.5	0.284	88.1	88.3	26.431	0	0	
"2011-09-17	07:00:00"	7.137	210.6	9.51	10.54	5.23	215.7	11.85	8.75	65.34	65.11	0.227	89.8	89.8	26.436	0.00853	0	
"2011-09-17	08:00:00"	8.25	204.8	8.41	11.74	5.731	207	11	8.75	64.77	64.57	0.194	91.3	91.3	26.449	9.6659	0	
"2011-09-17	09:00:00"	7.157	213	13.78	11.74	5.485	215.3	14.59	9.35	65.21	65.23	-0.015	91.7	91.5	26.459	97.562	0	
"2011-09-17	10:00:00"	8.18	232.7	15.28	12.93	6.968	232.3	17.7	11.14	67.18	67.38	-0.206	88	87.3	26.461	335.58	0	
"2011-09-17	11:00:00"	9.65	245.4	14.38	14.72	7.958	248	18.11	12.93	72.69	73.26	-0.57	69.35	68.51	26.466	546.5	0	
"2011-09-17	12:00:00"	9.99	234.9	14.34	18.3	8.55	237.1	16.67	15.31	77.77	78.28	-0.514	53.98	53.3	26.47	715.83	0	
"2011-09-17	13:00:00"	9.52	228	17.62	15.91	7.98	229.6	19.37	14.12	81.4	82.1	-0.689	45.55	44.71	26.462	832.93	0	
"2011-09-17	14:00:00"	9.99	271.6	27.96	16.51	7.35	273.1	29.64	15.31	84.3	85.7	-1.378	36.17	35.31	26.438	915.09	0	
"2011-09-17	15:00:00"	8.06	259.3	39.04	14.12	6.203	260.9	41.66	12.93	85.5	86.8	-1.226	32.21	31.22	26.417	686.11	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-17	16:00:00"	9.71	276.2	29.14	20.09	6.815	277.8	31.7	17.1	85.2	86	-0.836	32.54	31.71	26.399	491.2	0	
"2011-09-17	17:00:00"	10.48	278.5	17.01	18.3	7.418	281.3	19.15	17.7	85.9	87.2	-1.336	30.82	29.67	26.387	622.63	0	
"2011-09-17	18:00:00"	14.45	222.9	34.44	23.66	11.85	225.5	38.01	20.68	86	86.7	-0.755	30.58	29.5	26.373	519.81	0	
"2011-09-17	19:00:00"	13.25	185.5	10.72	21.87	11.01	184.8	13.43	20.09	84.1	84.3	-0.184	33.83	33.13	26.371	240.27	0	
"2011-09-17	20:00:00"	10.34	179.5	7.221	17.1	8.2	178.1	9.25	15.31	82.1	81.6	0.505	32.23	32.54	26.369	53.797	0	
"2011-09-17	21:00:00"	6.397	188.3	16.83	10.54	4.512	188.4	22.05	8.75	78.6	77.61	0.99	37.3	38.87	26.381	0.29801	0	
"2011-09-17	22:00:00"	4.376	218.7	19.44	7.561	2.401	225.1	25.98	5.175	76	75	0.999	42.7	44.95	26.404	0	0	
"2011-09-17	23:00:00"	6.087	206.6	8.45	9.35	4.038	209.1	10.94	6.964	73.54	72.66	0.877	51.16	52.82	26.423	0	0	
"2011-09-18	00:00:00"	6.199	215	11.51	11.14	4.321	218.2	12.97	8.16	72.04	71.42	0.624	56.25	56.98	26.427	0	0	
"2011-09-18	01:00:00"	6.276	208.6	9.44	8.75	4.208	213.4	11.42	7.561	70.64	69.91	0.727	60.66	61.76	26.43	0	0	
"2011-09-18	02:00:00"	5.793	209	18.47	8.16	3.811	215.2	21.98	6.368	69.41	68.57	0.845	64.76	66.27	26.432	0	0	
"2011-09-18	03:00:00"	6.121	215.9	11.87	8.75	4.333	221.8	14.42	7.561	68.47	67.93	0.544	67.89	68.41	26.438	0	0	
"2011-09-18	04:00:00"	7.364	213.2	9.08	11.14	5.535	219.1	10.34	9.35	67.42	66.98	0.437	71.02	71.28	26.446	0	0	
"2011-09-18	05:00:00"	7.228	242.3	16.31	11.74	5.384	246.4	18.17	10.54	66.4	65.91	0.495	74.95	75.47	26.459	0	0	
"2011-09-18	06:00:00"	7.768	224	22.91	16.51	5.831	224.9	25.41	12.93	65.96	65.55	0.41	79.17	79.33	26.465	0	0	
"2011-09-18	07:00:00"	5.182	254.7	10.39	9.95	3.376	259.1	12.15	8.16	64.67	64.03	0.641	82.9	83.7	26.472	0	0	
"2011-09-18	08:00:00"	5.062	255.5	11.03	7.561	3.036	261.3	17.13	5.771	64.32	63.48	0.846	86.2	87	26.482	6.9895	0	
"2011-09-18	09:00:00"	3.676	314.1	30.75	8.16	2.142	323.3	28.89	8.16	65.11	64.66	0.452	87.6	88	26.503	134.89	0	
"2011-09-18	10:00:00"	12.56	11.83	15.84	20.09	9.83	8.95	19.4	17.7	69.79	70.21	-0.424	54.68	54.56	26.519	342.25	0	
"2011-09-18	11:00:00"	11.88	24.64	10.83	17.7	9.63	23.67	15.83	15.31	70.69	71.87	-1.18	52.03	50.37	26.528	548.95	0	
"2011-09-18	12:00:00"	11.81	19.47	13.08	21.28	9.49	18.32	18.14	16.51	73.69	75.41	-1.72	50.61	48.04	26.537	721.6	0	
"2011-09-18	13:00:00"	11.3	34.97	15.82	18.89	9.43	35.17	18.66	15.91	76.42	78.18	-1.766	45.4	42.7	26.533	839.75	0	
"2011-09-18	14:00:00"	10.58	17.05	22.22	18.3	8.63	14.75	26.01	15.91	78.89	81	-2.137	37.51	35.1	26.522	891.24	0	
"2011-09-18	15:00:00"	9.58	15.45	23.94	18.3	7.875	14.68	27.13	16.51	80.6	82.7	-2.147	32.78	30.46	26.51	859.67	0	
"2011-09-18	16:00:00"	9.69	6.435	29.4	18.89	7.957	6.214	32.75	16.51	82.2	84.2	-1.992	27.76	25.65	26.491	798.38	0	
"2011-09-18	17:00:00"	9.26	4.426	25.56	17.7	7.476	3.192	27.57	16.51	82.6	84.6	-1.902	27.11	25.02	26.479	653.64	0	
"2011-09-18	18:00:00"	9.51	8.01	19.58	16.51	7.71	5.995	22.3	14.12	82.7	84.2	-1.488	27.37	25.51	26.475	462.93	0	
"2011-09-18	19:00:00"	9.29	8.36	19.4	14.12	7.44	6.32	22.62	13.52	82.4	83.2	-0.827	27.45	26.12	26.474	240.06	0	
"2011-09-18	20:00:00"	7.232	15.7	6.974	12.93	5.094	11.76	11.65	10.54	80.8	79.93	0.826	28.85	29.9	26.488	48.442	0	
"2011-09-18	21:00:00"	7.515	21.03	4.735	9.35	4.001	13.63	9.35	5.771	76.22	72.99	3.23	34.06	40.77	26.497	0.26345	0	
"2011-09-18	22:00:00"	7.852	38.44	11.17	11.14	4.249	27.94	20.89	6.368	74.29	70.24	4.044	37.23	46.33	26.513	0	0	
"2011-09-18	23:00:00"	7.537	47.41	7.47	10.54	4.726	40.11	12.2	7.561	73.01	70.84	2.163	39.59	43.79	26.525	0	0	
"2011-09-19	00:00:00"	8.12	58.05	7.144	11.14	4.686	60.29	12.29	7.561	70.88	69.35	1.534	43.12	46.28	26.529	0	0	
"2011-09-19	01:00:00"	7.143	62.98	3.358	8.16	3.598	61.1	8.56	5.175	68.06	65.27	2.791	49.85	57.64	26.534	0	0	
"2011-09-19	02:00:00"	7.021	59.91	3.769	8.75	4.032	50.9	5.699	5.771	67.8	64.93	2.875	49.43	56.69	26.54	0	0	
"2011-09-19	03:00:00"	8.91	60.55	5.126	11.14	5.428	57.29	7.72	7.561	66.24	64.44	1.8	52.5	56.75	26.547	0	0	
"2011-09-19	04:00:00"	8.86	69.11	4.994	11.14	5.127	64.81	8.09	8.16	63.5	61.97	1.521	58.51	62.86	26.557	0	0	
"2011-09-19	05:00:00"	9.22	70.13	4.142	11.14	5.349	64.25	7.454	7.561	62.83	60.97	1.859	58.67	63.94	26.558	0	0	
"2011-09-19	06:00:00"	8.65	62.24	4.484	11.14	5.322	57.98	7.106	7.561	62.41	60.81	1.601	58.4	62.47	26.556	0	0	
"2011-09-19	07:00:00"	8.75	58.34	4.558	10.54	5.663	55.88	7.159	7.561	60.72	59.37	1.355	62.27	65.8	26.569	0	0	
"2011-09-19	08:00:00"	8.72	58.74	4.662	10.54	5.786	56.86	7.139	8.16	60.26	59.11	1.15	62.27	65.25	26.583	7.4998	0	
"2011-09-19	09:00:00"	7.878	69.04	10.51	13.52	5.772	66.83	13.68	11.14	61.22	61.28	-0.064	61.72	62.09	26.603	134.98	0	
"2011-09-19	10:00:00"	9.84	102.1	14.02	14.72	7.646	103.9	17.23	12.33	66.09	66.87	-0.784	50.61	48.77	26.618	343.75	0	
"2011-09-19	11:00:00"	10.21	131.3	12.22	16.51	8.33	132.9	14.01	13.52	69.73	70.68	-0.951	45.79	43.74	26.626	550.86	0	
"2011-09-19	12:00:00"	10.52	143.9	13.91	15.31	8.88	144.5	14.49	14.12	73.41	74.55	-1.143	41.63	39.38	26.625	724.99	0	

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-19	13:00:00"	8.8	152.7	19.31	17.1	7.566	151.9	19.44	14.72	76.96	78.04	-1.087	35.04	33.15	26.608	845.03	0	
"2011-09-19	14:00:00"	6.384	158.2	31.05	12.93	5.428	161.2	33.33	12.93	80.7	81.9	-1.273	30.7	28.61	26.585	895.45	0	
"2011-09-19	15:00:00"	6.015	146.1	39.56	13.52	5.16	145.9	42.88	12.33	81.5	82.6	-1.132	26.54	24.59	26.558	862.29	0	
"2011-09-19	16:00:00"	7.609	132.1	40.17	17.1	6.431	134.2	45.6	14.72	82.9	84.2	-1.375	23.44	21.49	26.529	799.44	0	
"2011-09-19	17:00:00"	8.27	134.6	33.59	17.7	6.941	136.8	35.26	16.51	83.5	84.8	-1.293	23.98	22	26.504	652.07	0	
"2011-09-19	18:00:00"	8.35	160	37.23	17.7	7.112	160.4	41.12	15.31	83.9	84.8	-0.952	22.69	20.95	26.49	459.99	0	
"2011-09-19	19:00:00"	9.06	141.7	14.33	15.91	7.546	142.3	13.92	13.52	83.7	84.4	-0.645	22.99	21.51	26.484	241.34	0	
"2011-09-19	20:00:00"	8.75	141.2	8.58	13.52	6.888	141.5	8.68	11.74	82.2	82.1	0.085	24.67	23.92	26.485	41.726	0	
"2011-09-19	21:00:00"	10.2	135.3	6.508	13.52	7.54	134.9	7.729	11.74	78.45	77.7	0.745	28.8	28.87	26.489	0.20953	0	
"2011-09-19	22:00:00"	10.59	134.3	6.625	14.12	7.916	134.7	7.849	11.74	75.71	75.02	0.696	31.93	31.89	26.499	0	0	
"2011-09-19	23:00:00"	11.38	132.9	6.049	14.72	8.52	133.3	6.794	12.93	73.76	73.09	0.672	34.63	34.6	26.502	0	0	
"2011-09-20	00:00:00"	11.81	135.4	5.943	15.31	9.04	135.9	6.586	12.93	72.94	72.29	0.646	35.1	34.97	26.496	0	0	
"2011-09-20	01:00:00"	11.63	136.8	7.265	15.91	8.94	137.5	7.994	14.12	71.85	71.17	0.686	35.38	35.33	26.49	0	0	
"2011-09-20	02:00:00"	11.82	151.1	8.62	18.89	9.85	150.7	8.42	16.51	70.68	70.33	0.353	34.04	33.33	26.485	0	0	
"2011-09-20	03:00:00"	9.51	158.3	9.09	14.12	8.06	156.5	9.07	12.93	68.61	68.32	0.295	35.64	34.94	26.481	0	0	
"2011-09-20	04:00:00"	8.18	170	8.25	13.52	6.504	167.6	8.95	10.54	66.53	66.08	0.449	37.63	37.46	26.476	0	0	
"2011-09-20	05:00:00"	6.871	176	9.95	10.54	5.14	174.2	10.95	7.561	65.25	64.57	0.687	39.12	39.61	26.47	0	0	
"2011-09-20	06:00:00"	5.979	197.7	10.53	9.35	4.138	202.4	13.61	6.368	63.72	63.04	0.682	41.52	42.28	26.467	0	0	
"2011-09-20	07:00:00"	6.204	175.4	12.97	9.95	4.571	172.5	13.65	8.16	63.42	62.76	0.66	41.33	42.2	26.466	0	0	
"2011-09-20	08:00:00"	8.85	165.5	8.82	15.31	7	164.6	9.23	11.74	64.07	63.56	0.506	40.96	40.9	26.463	7.7278	0	
"2011-09-20	09:00:00"	8.92	181.6	8.68	15.31	7.223	181.6	10.59	12.93	65.53	65.4	0.133	41.24	40.57	26.468	120.66	0	
"2011-09-20	10:00:00"	12.38	182.5	8.59	17.7	10.31	181.3	11.15	15.31	71.1	71.39	-0.293	36.25	35.04	26.465	345.85	0	
"2011-09-20	11:00:00"	13.65	196.5	15.64	19.49	11.25	197	18.63	17.1	75.91	76.67	-0.76	34.18	32.41	26.471	552.86	0	
"2011-09-20	12:00:00"	10.75	203.5	16.64	17.1	9.14	204.8	19.1	15.31	78.03	78.92	-0.892	33.57	31.63	26.478	512.51	0	
"2011-09-20	13:00:00"	10.81	198.9	14.95	17.1	9	200	18	16.51	80.8	81.5	-0.777	31.18	29.41	26.452	402.75	0	
"2011-09-20	14:00:00"	9.54	217	21.48	16.51	8.05	219.2	23.72	14.12	83.2	84.6	-1.36	29.17	26.96	26.43	908.91	0	
"2011-09-20	15:00:00"	8.55	228.5	25.81	17.1	7.212	230.3	30.77	15.31	85.8	87.2	-1.424	26.05	23.84	26.404	879.4	0	
"2011-09-20	16:00:00"	9.77	206.7	22.28	17.7	8.26	206.9	24.63	15.91	87.4	88.7	-1.376	24.82	22.62	26.374	794.44	0	
"2011-09-20	17:00:00"	7.373	230.6	28.96	15.91	6.239	231.6	32.5	14.12	88.4	89.5	-1.176	23.6	21.54	26.352	657.8	0	
"2011-09-20	18:00:00"	8.38	215.5	19.16	15.31	7.065	217.8	23.44	14.72	89.3	90.2	-0.847	21.77	19.88	26.341	464.56	0	
"2011-09-20	19:00:00"	8.1	228.3	20.05	15.31	6.838	229	23.08	14.12	89.2	89.6	-0.317	22.07	20.46	26.34	212.25	0	
"2011-09-20	20:00:00"	9.5	218.3	13.24	14.72	7.788	219.9	14.12	12.93	87.1	87	0.128	24.67	23.33	26.343	32.619	0	
"2011-09-20	21:00:00"	6.9	220.3	11.26	13.52	5.703	220.1	10.47	11.74	82.8	82.6	0.21	29.65	28.45	26.355	0.17285	0	
"2011-09-20	22:00:00"	5.121	224.6	12.48	7.561	3.574	224.5	12.66	5.771	80.5	79.95	0.558	31.37	30.75	26.368	0	0	
"2011-09-20	23:00:00"	5.737	176.3	38.75	12.33	3.742	169.7	39.24	9.35	78.83	77.71	1.118	32.06	32.97	26.381	0	0	
"2011-09-21	00:00:00"	9.25	159.1	9.84	15.91	7.506	157.4	9.54	14.72	76.32	75.9	0.427	33.69	33.11	26.388	0	0	
"2011-09-21	01:00:00"	5.544	253	70.65	13.52	4.161	253.1	78.74	10.54	75.1	73.35	1.747	34.98	36.22	26.409	0	0	
"2011-09-21	02:00:00"	5.893	189.5	18.2	8.16	3.848	181.9	21.96	6.368	74.68	73.02	1.66	36.71	38.18	26.41	0	0	
"2011-09-21	03:00:00"	7.021	181.4	16.56	11.74	5.05	183.5	19.94	9.95	73.18	72.24	0.938	39.09	39.41	26.399	0	0	
"2011-09-21	04:00:00"	6.408	204.9	34.57	11.14	4.219	209.9	39.69	8.75	70.82	69.61	1.209	42.76	43.92	26.392	0	0	
"2011-09-21	05:00:00"	4.046	291.7	65.59	11.74	3.179	346.9	57.18	7.561	69.2	65.18	4.015	45.97	53.92	26.39	0	0	
"2011-09-21	06:00:00"	11.56	8.82	11.09	15.91	8.52	5.318	14.81	13.52	61.84	61.27	0.563	63.08	63.76	26.413	0	0	
"2011-09-21	07:00:00"	13.16	12.56	11.94	18.3	9.97	9.63	17.08	16.51	60.44	60.11	0.329	63.9	63.83	26.438	0	0	
"2011-09-21	08:00:00"	13.45	16.49	8.1	19.49	10.25	14.3	13.37	17.1	59.86	59.59	0.268	62.42	62.23	26.449	5.7819	0	
"2011-09-21	09:00:00"	16.14	11.33	10.98	22.47	12.64	8.29	15.97	19.49	60.26	60.46	-0.2	58.38	57.18	26.465	126.67	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-09-21	10:00:00"	17.76	18.97	7.573	23.66	14.11	17.78	13.67	20.68	63.25	64.06	-0.811	52.17	49.82	26.475	301.34	0
"2011-09-21	11:00:00"	16.54	19.67	10.47	22.47	13.41	18.63	15.51	21.28	66.86	68.33	-1.465	47.62	44.31	26.495	539.98	0
"2011-09-21	12:00:00"	13	15.31	12.13	18.3	10.62	13.69	17.6	16.51	70.52	72.66	-2.138	42.84	39.07	26.507	708.06	0
"2011-09-21	13:00:00"	10.5	15.05	18.11	18.89	8.76	13.37	22.91	15.91	74.06	76.32	-2.255	38.73	35.44	26.501	834.63	0
"2011-09-21	14:00:00"	9.39	3.053	21.82	15.91	7.734	1.731	24.09	14.72	77.47	79.92	-2.451	35.35	32.06	26.49	896.19	0
"2011-09-21	15:00:00"	8.88	2.275	20.68	18.89	7.345	359.7	25.89	15.91	79.51	82	-2.447	33.26	30.06	26.473	841.33	0
"2011-09-21	16:00:00"	6.876	350	32.86	13.52	5.676	347.6	39.73	12.33	81.7	83.8	-2.118	30.99	28.08	26.449	779.66	0
"2011-09-21	17:00:00"	6.635	340.9	35.33	13.52	5.213	341.4	40.3	12.33	83	84.8	-1.793	29.69	27.05	26.428	635.44	0
"2011-09-21	18:00:00"	6.474	13.09	32.02	11.74	5.275	13	36.03	10.54	83.8	85.3	-1.481	28.35	25.97	26.413	446.46	0
"2011-09-21	19:00:00"	3.622	34.19	59.83	8.16	2.724	24.84	67.42	7.561	84.3	85	-0.693	27.4	25.53	26.409	235.6	0
"2011-09-21	20:00:00"	3.48	4.799	28.95	5.175	2.452	1.69	30.34	4.578	83.4	82.4	1.023	28.14	28.61	26.419	29.834	0
"2011-09-21	21:00:00"	4.285	14.87	16.58	5.771	2.607	27.5	13.06	4.578	80.2	76.92	3.308	30.61	35.26	26.43	0.05956	0
"2011-09-21	22:00:00"	4.71	44.29	5.429	6.368	3.137	34.1	18.06	4.578	78.37	73.21	5.157	32.75	40.91	26.445	0	0
"2011-09-21	23:00:00"	5.09	55.81	4.814	6.368	2.496	47.77	7.437	3.982	77.81	72.47	5.339	33.56	42.69	26.454	0	0
"2011-09-22	00:00:00"	8.01	81.4	20.59	14.12	4.802	76.73	23.11	9.95	74.11	70.92	3.188	39.85	46.89	26.461	0	0
"2011-09-22	01:00:00"	8.01	183	33.51	14.72	6.376	184.3	37.44	11.74	70.64	70.35	0.289	45.59	44.92	26.488	0	0
"2011-09-22	02:00:00"	8.46	199	17.2	14.72	6.842	200.6	18.88	11.74	69.1	68.87	0.222	48.67	47.73	26.493	0	0
"2011-09-22	03:00:00"	7.204	197	11.05	11.74	5.494	200.3	13.61	9.35	67.28	67.11	0.163	52.69	51.88	26.495	0	0
"2011-09-22	04:00:00"	9.12	202.8	11.25	13.52	7.196	204.7	13.85	10.54	67.24	67.02	0.222	53.02	52.2	26.496	0	0
"2011-09-22	05:00:00"	9.57	207.4	12.52	14.12	7.613	210.4	14.19	12.33	66.53	66.37	0.163	55.58	54.62	26.498	0	0
"2011-09-22	06:00:00"	8.24	149.7	56.9	15.91	6.477	147.3	57.9	18.3	66.61	66.46	0.147	56.17	55.3	26.506	0	0
"2011-09-22	07:00:00"	15.31	43.65	13.95	23.66	12.16	44.07	15.64	20.09	60.54	60.5	0.042	60.59	59.58	26.544	0	0
"2011-09-22	08:00:00"	17.31	47.05	10.44	30.22	13.72	46.71	11.38	23.66	57.77	57.78	-0.017	59.04	57.99	26.567	6.626	0
"2011-09-22	09:00:00"	21.99	51.44	10.08	32.61	17.56	50.59	10.93	27.84	56.32	56.56	-0.243	56.19	54.61	26.588	61.466	0
"2011-09-22	10:00:00"	20.67	62.33	9.97	30.22	16.54	61.79	11.78	26.65	56.31	57.12	-0.816	54.88	52.45	26.607	306.05	0
"2011-09-22	11:00:00"	18.87	59.17	10.05	26.65	15.06	58.57	11.64	23.07	57.68	58.62	-0.942	56.21	53.51	26.638	312.27	0
"2011-09-22	12:00:00"	15.32	52.08	12.61	23.07	12.43	51.69	14.18	20.09	58.83	60.27	-1.44	58.71	55.37	26.666	546.18	0
"2011-09-22	13:00:00"	14.59	55.13	15.08	26.65	11.99	54.77	17.28	21.87	60.85	62.86	-2.01	58.63	54.06	26.661	786.36	0
"2011-09-22	14:00:00"	13.85	60.56	15.46	21.87	11.39	60.53	17.18	19.49	62.8	64.72	-1.922	57.83	53.64	26.648	654.52	0
"2011-09-22	15:00:00"	13.34	70.25	18.77	21.87	10.86	70.48	20.92	20.68	65.07	67.27	-2.2	54.76	50.1	26.627	779.84	0
"2011-09-22	16:00:00"	9.61	80.6	22.87	18.3	7.807	81.3	25.1	14.72	67.76	69.88	-2.122	51.12	46.59	26.605	748.8	0
"2011-09-22	17:00:00"	7.432	92.9	41.51	15.91	6.091	95.2	43.2	16.51	69.64	71.36	-1.716	48.88	44.89	26.588	609.43	0
"2011-09-22	18:00:00"	6.227	97.6	39.3	13.52	5.074	99.2	43.62	11.74	70.85	72.15	-1.302	46.62	43.29	26.575	418.09	0
"2011-09-22	19:00:00"	6.163	93.2	26.51	12.93	4.895	96	32.39	11.74	71.32	72.42	-1.095	45.68	42.67	26.573	214.63	0
"2011-09-22	20:00:00"	5.76	67.55	10.69	9.35	4.188	66.85	13.15	8.75	70.56	70.93	-0.37	46.96	45.4	26.572	30.886	0
"2011-09-22	21:00:00"	6.149	57.95	4.66	6.964	3.526	54.89	6.92	5.175	68.38	67.09	1.29	50.5	52.18	26.585	0.07949	0
"2011-09-22	22:00:00"	5.942	55.81	8.35	7.561	3.435	53.01	9.87	5.175	66.18	64.97	1.211	54.53	56.21	26.605	0	0
"2011-09-22	23:00:00"	6.143	61.34	6.885	8.16	3.645	55.19	7.321	5.175	64.46	62.75	1.713	57.83	60.85	26.628	0	0
"2011-09-23	00:00:00"	6.582	69.95	9.75	8.16	3.713	62.67	9.47	5.175	62.94	61.34	1.6	60.53	63.63	26.637	0	0
"2011-09-23	01:00:00"	7.212	100.7	8.21	8.75	3.392	80.4	14.14	4.578	61.85	59.38	2.466	62.21	67.78	26.635	0	0
"2011-09-23	02:00:00"	6.219	107.5	6.737	8.16	2.687	88	15.58	4.578	59.81	58.46	1.345	66.48	69.26	26.632	0	0
"2011-09-23	03:00:00"	4.72	105.2	6.72	6.964	1.885	64.98	16.61	3.386	60.04	57.94	2.105	65.85	69.64	26.628	0	0
"2011-09-23	04:00:00"	5.082	74.45	19.14	9.35	3.215	44.83	21.43	5.771	59.04	56.56	2.479	68.17	72.79	26.625	0	0
"2011-09-23	05:00:00"	4.334	79.62	19.59	5.771	2.407	43.69	28.32	5.175	58.44	55.35	3.094	69.76	75.63	26.618	0	0
"2011-09-23	06:00:00"	3.596	77.43	10.14	5.175	2.788	31.39	15.94	3.982	58.93	54.67	4.261	69.17	76.5	26.615	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-23	07:00:00"	2.842	83.6	20.95	4.578	3.03	20.72	15.33	5.175	59.51	53.55	5.958	68.93	78.68	26.619	0	0
"2011-09-23	08:00:00"	1	134.7	49.93	1	2.057	13.87	45.92	3.982	59.72	54.78	4.939	68.09	76.82	26.625	5.2978	0
"2011-09-23	09:00:00"	3.512	224.9	17.11	5.771	2.561	233.1	23.72	5.175	58.17	57.55	0.624	72.09	73.14	26.636	122.82	0
"2011-09-23	10:00:00"	3.843	212.7	16	6.368	3.328	216	19.43	5.771	60.44	60.83	-0.388	69.91	68.57	26.639	329.2	0
"2011-09-23	11:00:00"	5.249	219.5	18.05	8.16	4.489	223	22.1	7.561	65.27	65.93	-0.655	60.13	58.12	26.642	536.41	0
"2011-09-23	12:00:00"	4.114	206	50.71	8.16	3.594	205	58.93	8.16	68.87	69.83	-0.958	50.82	48.21	26.636	713.38	0
"2011-09-23	13:00:00"	4.017	157.2	47.17	7.561	3.432	158.9	51.75	6.964	71.43	72.29	-0.851	40.9	38.68	26.62	834.49	0
"2011-09-23	14:00:00"	3.807	105.6	61.01	8.75	3.34	114.7	66.97	8.16	74.29	75.43	-1.142	34.53	32.24	26.6	889.22	0
"2011-09-23	15:00:00"	3.165	248.3	87.4	7.561	2.896	258	86.7	8.16	77	78	-1	30.45	28.36	26.573	854.33	0
"2011-09-23	16:00:00"	3.507	79.94	96.6	8.16	2.86	123.2	95	8.16	80.1	81.2	-1.148	26.03	23.87	26.545	781.12	0
"2011-09-23	17:00:00"	5.578	74.82	51.1	11.74	4.744	76.59	53.11	9.95	82.1	83.6	-1.48	21.68	19.52	26.522	633.38	0
"2011-09-23	18:00:00"	4.009	92.3	92.9	9.35	3.222	104.3	93.4	7.561	83.1	84	-0.943	19.4	17.46	26.511	445.72	0
"2011-09-23	19:00:00"	7.456	167	19.05	12.33	6.286	166.9	18.93	11.74	82.4	83	-0.541	23.82	22.11	26.505	228.66	0
"2011-09-23	20:00:00"	7.053	166.9	9.53	11.14	5.76	163.8	10.4	9.35	80.3	80.3	-0.012	26.4	25.22	26.507	32.731	0
"2011-09-23	21:00:00"	7.782	156	6.905	10.54	6.045	153.2	6.885	8.75	77.05	76.44	0.607	28.47	27.95	26.506	0.07508	0
"2011-09-23	22:00:00"	6.315	164.5	9.72	9.95	4.396	163.7	15.11	7.561	75.29	74.22	1.064	28.8	28.98	26.521	0	0
"2011-09-23	23:00:00"	7.34	161	10.89	12.93	5.276	157.7	11.78	9.95	73.63	72.6	1.031	30.68	30.72	26.532	0	0
"2011-09-24	00:00:00"	8.65	166.8	10.01	12.93	6.74	166.6	11.8	9.95	70.12	69.46	0.659	36.56	36.23	26.534	0	0
"2011-09-24	01:00:00"	5.949	204.5	19.13	11.74	4.334	210.3	22.14	8.75	67.4	66.9	0.505	40.78	40.16	26.531	0	0
"2011-09-24	02:00:00"	6.048	216.5	11.68	9.35	4.389	219.7	13.69	7.561	66.33	65.84	0.491	41.81	41.19	26.521	0	0
"2011-09-24	03:00:00"	6.032	215.3	9.78	8.75	4.483	220.8	10.1	6.368	66.21	65.74	0.468	41.33	40.5	26.509	0	0
"2011-09-24	04:00:00"	6.35	225.3	12.91	8.75	4.654	231.1	13.65	7.561	65.52	65.01	0.516	43.05	42.41	26.496	0	0
"2011-09-24	05:00:00"	6.483	249.1	6.391	9.35	4.295	251.8	9.63	8.16	63.71	62.7	1.011	46.93	47.69	26.485	0	0
"2011-09-24	06:00:00"	6.103	243.9	10.24	8.16	4.264	248.1	12.62	6.368	62.5	61.65	0.852	49.06	49.61	26.477	0	0
"2011-09-24	07:00:00"	7.227	249.3	5.091	8.75	4.813	252.4	8.23	6.964	61.7	60.64	1.056	48.86	50.06	26.473	0	0
"2011-09-24	08:00:00"	7.107	254.5	7.023	8.75	4.873	261.9	9.04	8.75	62.71	61.41	1.295	46.52	48.06	26.475	5.2894	0
"2011-09-24	09:00:00"	6.754	247.4	7.089	8.75	4.585	251.9	9.48	6.964	64.23	63.69	0.534	45.43	45.63	26.475	122.41	0
"2011-09-24	10:00:00"	8.73	217.2	12.77	15.31	7.194	220.1	14.42	12.93	70.68	70.82	-0.147	40.17	38.81	26.47	326.09	0
"2011-09-24	11:00:00"	10.6	215	12.28	14.72	8.91	216.3	13.51	14.12	76.51	77.09	-0.574	30.98	29.27	26.474	531.34	0
"2011-09-24	12:00:00"	9.95	226.6	17.53	15.91	8.42	227.5	19.23	14.72	81.4	82.3	-0.885	23.67	21.77	26.469	706.88	0
"2011-09-24	13:00:00"	8.23	262.9	26.37	14.72	6.503	263.3	28.58	12.93	84.7	86.3	-1.564	19.89	17.78	26.45	826.09	0
"2011-09-24	14:00:00"	7.192	271.7	33.17	17.1	5.55	270.3	38.38	15.91	87.4	89	-1.592	17.28	15.22	26.423	880.04	0
"2011-09-24	15:00:00"	8.42	284.3	23.82	18.3	6.374	283.3	25.89	14.72	89.3	91.4	-2.032	15.29	13.11	26.387	846.24	0
"2011-09-24	16:00:00"	8.79	277	28.64	20.09	6.624	279.5	32.54	18.3	90.6	92.5	-1.908	13.94	11.85	26.359	776.99	0
"2011-09-24	17:00:00"	8.83	276.6	22.79	18.3	6.549	278.8	26.3	14.72	91.4	93	-1.638	13.52	11.5	26.341	627.65	0
"2011-09-24	18:00:00"	10.32	285.6	19.77	18.89	7.242	288.5	22.21	15.31	92.1	93.5	-1.334	12.36	10.49	26.326	436.68	0
"2011-09-24	19:00:00"	10.66	294.6	16.96	19.49	6.814	297.6	18.61	14.72	92.1	92.5	-0.455	10.31	8.76	26.32	230.46	0
"2011-09-24	20:00:00"	6.621	270.6	11.21	11.14	4.195	275.1	14.03	9.35	89.7	88.3	1.345	11.46	10.84	26.321	32.498	0
"2011-09-24	21:00:00"	5.031	253.6	8.07	7.561	2.931	253.9	10.05	5.175	85	83.4	1.563	14.24	14.16	26.324	0.03802	0
"2011-09-24	22:00:00"	5.075	248.5	5.512	6.964	2.668	255.4	7.352	4.578	81.4	79.79	1.617	16.57	16.71	26.331	0	0
"2011-09-24	23:00:00"	4.757	239.7	6.447	6.368	2.547	243.5	8.57	4.578	79.45	77.71	1.734	18.47	18.92	26.335	0	0
"2011-09-25	00:00:00"	5.328	243.4	6.667	8.16	3.152	248.3	9.42	4.578	76.78	75.07	1.717	21.56	22.11	26.332	0	0
"2011-09-25	01:00:00"	6.212	240.3	8.5	9.95	4.246	244.2	10.74	8.16	76.04	74.67	1.378	22.39	22.49	26.322	0	0
"2011-09-25	02:00:00"	5.776	242.3	8.33	8.75	3.829	242.2	10.44	5.771	73.79	72.36	1.428	24.55	24.83	26.308	0	0
"2011-09-25	03:00:00"	7.373	262.4	11.37	9.95	4.223	265.2	15.23	6.964	74.79	71.95	2.837	22.48	24.3	26.302	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-25	04:00:00"	9.88	292.6	7.919	12.93	4.25	297.8	11.76	8.75	71.78	68.78	3.001	24.43	26.45	26.299	0
"2011-09-25	05:00:00"	5.895	280.1	17.35	9.35	3.031	272.5	20.16	6.368	69.2	67.41	1.786	26.2	27.08	26.295	0
"2011-09-25	06:00:00"	8.19	292.1	8.69	10.54	3.626	292.9	11.39	5.771	68.84	66.15	2.695	25.94	27.75	26.295	0
"2011-09-25	07:00:00"	10.42	299.8	14.65	15.91	5.79	302.2	16.69	10.54	66.96	65.3	1.662	27.82	28.43	26.302	0
"2011-09-25	08:00:00"	11.48	311.1	6.376	17.1	6.331	314.8	9.26	11.74	66.92	65.47	1.453	27.25	27.5	26.306	4.7089
"2011-09-25	09:00:00"	12.68	311.1	7.806	17.1	7.498	314	10.23	13.52	69.95	69.3	0.647	24.69	24.18	26.313	125.72
"2011-09-25	10:00:00"	13.05	310.7	8.29	20.09	8.26	313.4	10.63	15.31	77.43	77.94	-0.509	18.45	17.04	26.319	334.2
"2011-09-25	11:00:00"	12.56	313.6	10.61	17.7	8.55	315.2	13.14	16.51	82.7	83.9	-1.288	14.46	12.73	26.332	543.86
"2011-09-25	12:00:00"	9.33	347.5	36.82	14.72	7.334	347.8	36.83	12.93	85.8	87.6	-1.772	13.69	11.77	26.342	719.68
"2011-09-25	13:00:00"	7.479	45.78	27.88	14.12	6.368	46.58	31.1	12.33	85.6	87.5	-1.892	16.23	14.08	26.339	836.7
"2011-09-25	14:00:00"	4.054	127.5	96.4	9.95	3.329	141.7	94.7	9.35	88.6	89.8	-1.21	14.23	12.3	26.32	892.12
"2011-09-25	15:00:00"	6.259	235.3	73.68	17.7	5.23	233.9	74.54	15.91	91.2	92.6	-1.438	11.87	9.97	26.295	854.46
"2011-09-25	16:00:00"	9.01	271.1	25.87	18.89	6.756	272.9	28.62	15.91	93	94.8	-1.833	8.23	6.374	26.274	788.33
"2011-09-25	17:00:00"	10.35	283.8	29.54	19.49	7.673	285.8	30.38	17.1	93.9	95.7	-1.814	7.459	5.62	26.262	642.78
"2011-09-25	18:00:00"	10.99	264.8	20.74	18.89	8.28	268.8	22.24	17.1	93.5	94.6	-1.088	7.585	5.839	26.257	444.68
"2011-09-25	19:00:00"	9.22	274.7	20.44	15.91	6.494	277.8	22.08	13.52	92.8	93.2	-0.346	7.925	6.357	26.259	225.58
"2011-09-25	20:00:00"	5.392	257.5	11	10.54	3.642	262.3	12.27	9.35	90.4	89.5	0.97	8.89	7.987	26.261	31.375
"2011-09-25	21:00:00"	3.538	266	10.53	5.175	1.328	269.9	82.4	4.578	87.5	84.1	3.427	9.84	10.36	26.27	0.00689
"2011-09-25	22:00:00"	3.166	307.6	10.66	4.578	3.49	343.5	12.89	4.578	85.6	78.55	7.085	10.42	12.5	26.285	0
"2011-09-25	23:00:00"	8.06	65.3	83.6	16.51	5.772	58.16	39.87	12.33	78.3	74.24	4.061	22.45	23.78	26.3	0
"2011-09-26	00:00:00"	10.71	100.1	6.285	15.31	6.667	97.9	9.94	10.54	71.22	70.25	0.971	35.66	35.34	26.312	0
"2011-09-26	01:00:00"	3.526	106.9	54.42	10.54	2.461	70.29	82.9	5.771	70.91	69.2	1.701	37.14	37.68	26.334	0
"2011-09-26	02:00:00"	5.927	88.7	31	9.95	3.546	68.27	41.65	6.964	70.03	67.09	2.937	38.88	41.52	26.326	0
"2011-09-26	03:00:00"	7.059	91.3	8.64	9.95	3.743	61.41	16.39	6.368	67.13	64.27	2.863	43.72	47.1	26.318	0
"2011-09-26	04:00:00"	6.219	72.27	6.843	8.75	3.778	49.81	8.55	5.771	66.51	63.83	2.676	44.77	47.92	26.311	0
"2011-09-26	05:00:00"	5.971	62.62	8.48	7.561	3.934	36.07	13.41	5.771	65.3	61.72	3.584	46.7	51.85	26.298	0
"2011-09-26	06:00:00"	4.606	74.92	11.29	7.561	2.019	20.55	41.33	5.175	64.26	60.81	3.453	48.54	53.46	26.3	0
"2011-09-26	07:00:00"	3.868	61.25	13.66	5.175	2.566	21.22	26.69	4.578	63.14	58.57	4.569	50.49	57.96	26.312	0
"2011-09-26	08:00:00"	5.344	54.7	5.666	6.964	3.958	21.93	9.85	5.771	62.58	56.5	6.074	51.58	62.69	26.32	4.018
"2011-09-26	09:00:00"	4.988	45.02	14.39	6.368	3.658	25.21	15.94	5.771	61.75	59.81	1.942	54.26	58.27	26.335	114.9
"2011-09-26	10:00:00"	3.449	133.6	39.77	5.771	2.857	134.7	43.17	4.578	66.92	67.3	-0.378	47.15	45.36	26.349	313.84
"2011-09-26	11:00:00"	2.84	184.8	93.3	8.16	2.38	194.1	91.3	7.561	74.54	75.15	-0.613	33.54	31.85	26.36	516.91
"2011-09-26	12:00:00"	7.231	270.1	22.55	11.74	5.695	270.1	24.44	10.54	80.5	82.2	-1.673	25.29	23.05	26.361	694.01
"2011-09-26	13:00:00"	8.26	272.4	25.51	16.51	6.392	272.4	27.97	13.52	85.9	87.6	-1.662	19.51	17.45	26.348	812.31
"2011-09-26	14:00:00"	9.73	282.1	20.1	17.7	7.143	282.8	22.48	15.91	89.6	91.9	-2.267	14.89	12.71	26.329	866.25
"2011-09-26	15:00:00"	9.9	271.2	23.98	18.89	7.624	273	26.37	16.51	91.3	93.4	-2.106	13.2	11.09	26.31	830.13
"2011-09-26	16:00:00"	9.74	250.6	33.41	19.49	7.832	250.6	35.7	15.91	92.3	94	-1.624	11.93	10.01	26.295	775.21
"2011-09-26	17:00:00"	8.84	247.5	35.79	20.09	7.426	248.8	40.47	17.1	92.4	93.6	-1.21	11.26	9.43	26.285	579.68
"2011-09-26	18:00:00"	5.938	288.8	30.2	13.52	3.843	292.8	30.72	11.74	91.8	91.8	-0.069	11.44	10.14	26.283	205.83
"2011-09-26	19:00:00"	5.186	281	29.08	8.16	3.393	284.4	31.6	8.75	91.7	91.9	-0.195	11.8	10.42	26.285	201.67
"2011-09-26	20:00:00"	4.051	295	9.11	7.561	2.341	307.8	8.63	5.771	90.7	88.4	2.376	11.95	12.28	26.294	30.188
"2011-09-26	21:00:00"	3.363	244.8	10.93	6.368	1.749	261.3	27.02	3.386	87.8	84.6	3.245	13.7	14.58	26.309	0.00689
"2011-09-26	22:00:00"	3.013	251	18.42	5.175	1.122	249.5	31.02	2.789	84.6	81.8	2.771	16.35	16.83	26.324	0
"2011-09-26	23:00:00"	4.984	44.21	58.51	8.16	3.44	43.97	43.4	6.368	80.7	73.73	6.972	18.79	24.33	26.339	0
"2011-09-27	00:00:00"	3.497	76.31	42.62	8.16	2.812	29.79	52.68	5.771	82.1	75.83	6.228	17.11	20.72	26.349	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-27	01:00:00"	1	153.3	32.77	1	1.704	7.467	44.65	3.386	84.6	77.08	7.49	16.16	18.69	26.354	0	0
"2011-09-27	02:00:00"	3.8	211	32.61	5.771	1.964	253.9	64.57	3.982	81.4	77.13	4.297	17.73	19.43	26.35	0	0
"2011-09-27	03:00:00"	4.639	265.9	8.9	6.368	2.602	285.5	17.13	4.578	76.81	71.25	5.564	21.16	25.8	26.353	0	0
"2011-09-27	04:00:00"	7.138	315.6	32.75	14.72	3.872	329.6	43.02	9.95	72.12	67.06	5.057	25.75	30.52	26.365	0	0
"2011-09-27	05:00:00"	8.86	18.47	9.07	11.74	5.118	18.23	12.44	8.75	66.43	62.71	3.724	33.11	36.74	26.362	0	0
"2011-09-27	06:00:00"	6.082	22.23	35.17	11.74	3.962	19.63	45.11	10.54	63.3	61.41	1.898	42.19	43.3	26.374	0	0
"2011-09-27	07:00:00"	7.444	17.49	39.4	11.14	5.486	8.67	43.47	8.75	59.86	58.58	1.284	53.94	54.42	26.383	0	0
"2011-09-27	08:00:00"	3.78	7.491	48	6.964	2.544	2.626	58	5.771	58.69	56.39	2.297	58.94	61.58	26.398	3.4465	0
"2011-09-27	09:00:00"	5.452	9.16	9.3	10.54	3.773	2.806	13.39	9.35	58.4	57.82	0.584	62.84	62.82	26.412	113.68	0
"2011-09-27	10:00:00"	5.685	24.32	42.54	11.14	4.742	22.24	44.35	9.35	66.63	67.46	-0.836	52.29	49.85	26.428	314.2	0
"2011-09-27	11:00:00"	4.757	4.572	26.92	9.35	4.027	5.414	34.26	8.75	71.86	73.22	-1.362	43.71	40.63	26.443	518.02	0
"2011-09-27	12:00:00"	3.66	357	71.7	8.75	3.046	355.5	76.1	7.561	77.39	78.61	-1.219	34.6	32.22	26.449	691.42	0
"2011-09-27	13:00:00"	5.355	46.04	52.81	10.54	4.551	50.3	57.62	11.14	81.6	83.3	-1.693	30.12	27.59	26.444	808.71	0
"2011-09-27	14:00:00"	2.86	235.7	76.36	8.16	2.483	229.4	79.95	8.16	85.7	86.6	-0.922	24.67	22.61	26.433	854.72	0
"2011-09-27	15:00:00"	4.621	349.4	56.87	9.95	3.667	345.7	58.88	9.35	88.6	90.2	-1.613	21.88	19.55	26.409	815.33	0
"2011-09-27	16:00:00"	5.796	48.05	47.49	15.31	4.822	51.26	49.16	14.12	90.2	91.9	-1.689	19.62	17.46	26.385	741.46	0
"2011-09-27	17:00:00"	8.34	49.33	21.88	15.31	6.948	49.9	24.34	14.12	91.2	92.7	-1.545	17.12	15.28	26.37	611.15	0
"2011-09-27	18:00:00"	8.32	69.73	23.4	17.7	6.743	68.93	27.48	14.12	91.6	93.1	-1.522	15.83	13.82	26.364	483.76	0
"2011-09-27	19:00:00"	10.09	83.2	9.95	17.7	7.952	83.8	12.97	14.12	90.6	91.6	-1.015	16.04	14.17	26.365	195.31	0
"2011-09-27	20:00:00"	7.042	73.94	5.053	9.35	4.124	71.83	10.75	8.16	86.7	85.5	1.166	19.59	19.38	26.374	23.328	0
"2011-09-27	21:00:00"	8.67	65.4	6.037	10.54	4.667	61.98	8.33	6.964	82.1	78.61	3.452	23.19	25.02	26.393	0	0
"2011-09-27	22:00:00"	9.26	79.34	12.07	16.51	6.263	77.81	14.79	13.52	78.32	77.71	0.611	28.66	27.88	26.419	0	0
"2011-09-27	23:00:00"	11.07	78.81	14.57	22.47	7.752	77.55	16.16	17.7	75.28	74.91	0.364	34.02	33.02	26.441	0	0
"2011-09-28	00:00:00"	11.2	63.83	10.05	15.91	8.18	63.1	12.16	13.52	73.43	72.95	0.478	38.89	38.06	26.459	0	0
"2011-09-28	01:00:00"	10.3	64.97	15.83	15.31	7.312	63.55	16.43	12.33	70.78	70.24	0.539	44.29	43.54	26.457	0	0
"2011-09-28	02:00:00"	8.83	70.33	11.68	12.33	5.765	67.42	14.29	8.75	68.5	67.77	0.729	49.85	49.55	26.456	0	0
"2011-09-28	03:00:00"	9.68	65.12	9.53	12.93	6.325	61.33	10.75	9.35	66.45	65.3	1.154	53.64	54.26	26.446	0	0
"2011-09-28	04:00:00"	9.09	82.7	8.41	12.33	5.638	76.46	10.98	8.75	64.91	64.25	0.655	57.64	57.48	26.445	0	0
"2011-09-28	05:00:00"	9.07	94.2	7.754	11.14	5.173	84.2	12.5	7.561	65.02	63.79	1.227	58.2	59.04	26.437	0	0
"2011-09-28	06:00:00"	8.2	54.34	15.05	9.95	5.626	49.59	14.13	7.561	63.91	62.85	1.063	60.83	61.78	26.427	0	0
"2011-09-28	07:00:00"	9.58	349.4	21.83	19.49	6.627	348.2	21.5	15.91	64.11	63.51	0.597	62.79	62.78	26.45	0	0
"2011-09-28	08:00:00"	9.17	30.58	12.11	14.72	6.548	29.16	14.4	12.33	62.6	61.98	0.62	68.04	68.01	26.451	3.2804	0
"2011-09-28	09:00:00"	7.919	59.7	11.46	13.52	6.108	59.56	13.77	9.95	64.64	64.77	-0.127	67.78	66.47	26.45	109.37	0
"2011-09-28	10:00:00"	4.409	96.8	35.29	7.561	3.738	99.5	38.77	6.368	72.4	72.98	-0.581	50.46	48.43	26.45	304.12	0
"2011-09-28	11:00:00"	3.573	79.46	60.12	11.74	3.24	88.4	64.99	10.54	78.72	79.44	-0.717	36.27	34.36	26.449	505.31	0
"2011-09-28	12:00:00"	6.4	57.92	25.51	11.74	5.426	60.4	29.76	9.95	82.5	84.2	-1.685	32.43	30.06	26.448	674.88	0
"2011-09-28	13:00:00"	7.786	95.9	23.78	15.91	6.492	97.9	26.69	12.93	84.7	86.5	-1.769	30.66	28.02	26.447	784.73	0
"2011-09-28	14:00:00"	7.253	78.56	31.75	13.52	6.035	79.92	34.56	12.33	86.2	88.2	-1.94	29.36	26.83	26.436	832.46	0
"2011-09-28	15:00:00"	7.536	50.24	37.73	17.1	6.3	50.26	41.79	14.72	87.6	89.8	-2.128	26.93	24.36	26.412	793.29	0
"2011-09-28	16:00:00"	6.013	56.87	59.77	15.91	5.144	58.5	65.59	13.52	88.9	90.6	-1.721	23.2	20.84	26.385	700.6	0
"2011-09-28	17:00:00"	6.837	33.04	61.41	14.72	5.772	30.57	65.23	13.52	89.8	91.4	-1.619	19	16.75	26.367	475.37	0
"2011-09-28	18:00:00"	5.614	191.8	59.84	20.09	4.613	189.8	62.1	15.91	89.7	90.2	-0.51	18.41	16.64	26.362	198.94	0
"2011-09-28	19:00:00"	14.02	235.3	39.64	25.45	11.12	237.9	43.1	20.09	83.9	83.4	0.432	25.38	26.27	26.381	108.57	0
"2011-09-28	20:00:00"	9.69	225	24.54	21.28	7.791	226.8	27.64	17.7	81.7	81.2	0.557	27.73	27.55	26.391	29.804	0
"2011-09-28	21:00:00"	9.75	311.9	29.17	20.68	5.915	317.3	27.13	14.12	79.58	77.81	1.77	29.51	31.05	26.399	0.0001	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-28	22:00:00"	6.325	73.31	81	12.93	3.834	68.84	80.7	9.95	78.88	75.71	3.169	31.43	35.63	26.41	0
"2011-09-28	23:00:00"	4.732	3.782	31.96	6.964	3.995	5.514	21.93	6.368	79.57	70.84	8.73	28.45	43.54	26.409	0
"2011-09-29	00:00:00"	4.924	2.913	13.16	14.72	4.62	9.31	13.94	9.95	80.5	70.13	10.39	24.88	43.7	26.412	0
"2011-09-29	01:00:00"	5.605	248	31.31	15.31	3.548	270	59.01	11.14	73.72	69.77	3.946	35.28	40.43	26.424	0
"2011-09-29	02:00:00"	3.459	197.2	33.85	6.368	2.019	185.3	73.45	5.771	73.27	68.1	5.175	34.85	44.15	26.422	0
"2011-09-29	03:00:00"	2.474	191.9	34.01	5.771	2.034	32.5	90.1	3.982	71.26	65.93	5.337	36.64	48.69	26.427	0
"2011-09-29	04:00:00"	8.08	189.9	14.06	12.93	5.756	191.8	21.84	10.54	68.85	67.8	1.047	41.32	42.2	26.437	0
"2011-09-29	05:00:00"	9.74	187.1	11.86	17.1	7.489	188.2	14.73	14.12	66.45	66.01	0.438	49.79	49.13	26.424	0
"2011-09-29	06:00:00"	6.378	199.1	15.31	9.95	4.626	200.4	20.79	7.561	65.19	64.65	0.532	56.11	55.61	26.424	0
"2011-09-29	07:00:00"	4.913	234.3	23.46	9.35	3.466	242.8	31.36	7.561	65.83	64.97	0.854	55.61	55.6	26.434	0
"2011-09-29	08:00:00"	4.291	257.7	20.91	6.368	2.367	286.2	26.03	3.982	65.83	62.67	3.16	56.09	60.13	26.447	3.2221
"2011-09-29	09:00:00"	5.62	295.2	15.12	8.16	3.159	309	12.01	5.771	65.78	63.95	1.829	59.42	62.45	26.456	106.64
"2011-09-29	10:00:00"	6.167	288.5	11.97	8.75	4.409	289.9	14.29	6.964	70	70.81	-0.812	53.56	51.16	26.462	308.14
"2011-09-29	11:00:00"	5.712	303.1	18.18	8.16	4.153	303.6	20.62	8.16	76.73	77.97	-1.239	41.97	39.26	26.47	513.13
"2011-09-29	12:00:00"	4.919	307.1	38.65	9.35	3.797	306.8	42.48	7.561	84.5	85.8	-1.321	26.77	24.53	26.467	688.77
"2011-09-29	13:00:00"	3.605	32.83	90.1	10.54	3.081	39.34	86.9	10.54	87.3	88.4	-1.095	22.2	20.15	26.468	800.75
"2011-09-29	14:00:00"	6.972	62.63	50.26	18.89	5.723	63.33	54.39	17.1	89.3	91	-1.672	19.79	17.75	26.457	757.81
"2011-09-29	15:00:00"	9.44	96.5	33.63	19.49	7.725	98.4	35.28	15.91	89.4	90.7	-1.277	19.1	17.3	26.438	589.34
"2011-09-29	16:00:00"	13.14	26.77	55.97	29.63	10.23	23.89	57.11	24.26	86.1	85.6	0.451	23.47	25.18	26.43	304.02
"2011-09-29	17:00:00"	2.818	234.7	56	5.771	1.873	258.3	73.23	4.578	84.4	83.6	0.834	28	32.28	26.431	229.78
"2011-09-29	18:00:00"	12.84	28.15	24.41	27.84	9.87	26.18	28.32	24.26	85.5	85	0.481	24.81	26.89	26.427	287.54
"2011-09-29	19:00:00"	5.496	356.9	22.31	9.95	3.305	356.2	19.89	8.16	84.8	82.2	2.584	22.7	29.3	26.425	51.033
"2011-09-29	20:00:00"	9.75	342	14.58	14.12	5.983	346.6	13.35	11.74	79.82	76.33	3.489	29.51	35.46	26.451	7.577
"2011-09-29	21:00:00"	8.96	7.013	39.99	22.47	6.456	5.882	51.16	18.3	78.81	77.69	1.126	32.35	33.55	26.491	0
"2011-09-29	22:00:00"	17.3	12.71	18.38	39.17	13.22	10.3	21.88	30.22	77.82	76.9	0.922	34.14	35	26.537	0.00029
"2011-09-29	23:00:00"	12.12	30.54	38.91	42.15	8.64	28.83	42.52	37.38	73.67	70.44	3.229	42.59	52.88	26.591	0.01801
"2011-09-30	00:00:00"	9.82	46.25	9.43	16.51	6.959	47.13	10.92	14.12	71.55	69.74	1.812	49.43	55.19	26.615	0
"2011-09-30	01:00:00"	11.7	47.99	6.936	17.7	8.92	47.16	8.26	15.91	68.69	67.54	1.156	50.92	54.09	26.626	0
"2011-09-30	02:00:00"	13	48.12	7.713	18.89	10.21	47.39	8.71	15.31	66.14	65.24	0.9	52.62	54.81	26.631	0
"2011-09-30	03:00:00"	11.94	50.64	7.17	17.1	9.26	50.17	8.11	13.52	63.34	62.55	0.795	55.66	57.72	26.652	0
"2011-09-30	04:00:00"	12.32	40.44	7.431	17.1	9.59	39.38	9.26	14.12	61.91	61.15	0.766	53.32	55.28	26.669	0
"2011-09-30	05:00:00"	15.35	42.91	10.33	24.86	12.08	42.18	11.82	21.28	61.81	61.18	0.628	49.69	51.28	26.675	0
"2011-09-30	06:00:00"	16.14	49.51	8.61	22.47	12.94	48.84	9.48	18.89	61.89	61.18	0.708	46.77	48.57	26.675	0
"2011-09-30	07:00:00"	17.2	42.01	7.099	23.66	13.7	41.09	9.1	20.09	59.55	58.86	0.688	46.01	47.53	26.681	0
"2011-09-30	08:00:00"	16.9	41.66	7.392	24.26	13.56	40.96	9.03	21.87	57.31	56.72	0.591	46.17	47.46	26.68	3.1669
"2011-09-30	09:00:00"	15.22	43.04	7.096	22.47	12.31	41.91	9.11	20.68	57.15	56.79	0.356	42.43	43.59	26.701	101.47
"2011-09-30	10:00:00"	18.37	51.43	9.09	26.05	15.13	50.29	10.12	24.86	60.35	60.41	-0.064	33.24	33.61	26.706	303.45
"2011-09-30	11:00:00"	18.75	62.69	9.09	26.05	15.09	61.92	11.2	23.07	62.88	63.47	-0.588	28.77	28.51	26.713	508.44
"2011-09-30	12:00:00"	15.52	68.39	11.73	23.66	12.5	68.78	14.05	20.68	65.09	66.33	-1.234	26.66	25.69	26.718	678.38
"2011-09-30	13:00:00"	14.78	71.21	12.41	24.26	12.02	71.62	15.26	20.09	67.38	69.05	-1.67	24.38	23.05	26.702	790.42
"2011-09-30	14:00:00"	12.31	82	15.22	24.26	9.93	82.8	18	18.89	69.66	71.54	-1.879	23.2	21.81	26.69	841.07
"2011-09-30	15:00:00"	8.47	76.26	22.2	15.91	6.808	77.24	24.93	15.31	71.08	73.01	-1.935	23.05	21.57	26.664	809.15
"2011-09-30	16:00:00"	8.19	72.51	23.73	16.51	6.653	72.65	27.87	13.52	72.65	74.55	-1.902	22.39	20.88	26.635	741.75
"2011-09-30	17:00:00"	7.805	79.96	31.59	15.31	6.269	80.9	35.55	13.52	74.19	75.73	-1.542	21.71	20.15	26.614	596.44
"2011-09-30	18:00:00"	8.28	84.4	21.43	15.91	6.706	85.7	27.01	12.93	74.9	76.17	-1.272	21.23	19.66	26.593	405.95

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-09-30	19:00:00"	8.58	90	11.49	13.52	6.62	91.4	14.26	11.74	74.99	75.93	-0.942	21.33	19.91	26.583	198.28	0	
"2011-09-30	20:00:00"	7.587	106.6	6.637	10.54	4.782	106	9.69	8.75	72.63	71.66	0.971	22.85	23.48	26.583	24.104	0	
"2011-09-30	21:00:00"	8.16	101	5.649	9.95	3.745	83.2	12.61	5.771	69.58	65.87	3.708	24.89	29.97	26.59	0	0	
"2011-09-30	22:00:00"	9.44	105.2	3.79	11.14	4.4	94.1	9.95	6.368	65.86	62.52	3.339	28.27	33.29	26.604	0	0	
"2011-09-30	23:00:00"	9.15	115.7	6.33	11.74	5.477	111.7	9.65	8.16	63.91	62.23	1.681	30.29	32.01	26.618	0	0	
"2011-10-01	00:00:00"	9.13	116.1	5.692	11.14	5.498	110.9	9.16	8.16	63	61.32	1.674	30.35	31.97	26.621	0	0	
"2011-10-01	01:00:00"	8.46	118.3	5.878	10.54	4.835	113.4	9.83	6.368	62.16	60.1	2.052	30.61	32.94	26.617	0	0	
"2011-10-01	02:00:00"	8.46	129.2	8.54	11.14	4.996	126.1	9.44	7.561	62.5	60.6	1.901	28.5	30.57	26.608	0	0	
"2011-10-01	03:00:00"	7.282	126	10.23	11.74	4.254	107.9	27.42	8.16	61.51	59.48	2.029	28.28	30.67	26.604	0	0	
"2011-10-01	04:00:00"	3.813	100.9	17.13	6.368	1.236	36.16	37.62	2.789	59.59	57.41	2.18	30.44	33.24	26.603	0	0	
"2011-10-01	05:00:00"	3.697	106.9	14.39	5.175	1.114	56.84	29.05	2.193	60.32	58.38	1.936	28.08	29.76	26.597	0	0	
"2011-10-01	06:00:00"	5.599	137.6	7.783	8.16	2.334	115.4	13.97	4.578	60.58	58.12	2.464	28.27	31.16	26.599	0	0	
"2011-10-01	07:00:00"	7.623	147.5	10.48	10.54	5.04	143.6	12.69	8.75	60.92	59.26	1.667	27.84	29.62	26.607	0	0	
"2011-10-01	08:00:00"	7.358	139.7	10.86	10.54	4.333	134	13.1	8.16	59.1	57.01	2.096	29.25	32.42	26.616	2.8785	0	
"2011-10-01	09:00:00"	6.646	141.1	14.32	9.95	4.889	139.8	13.71	8.16	60.83	60.19	0.648	26.63	27.5	26.631	106.65	0	
"2011-10-01	10:00:00"	6.921	124.9	12.45	10.54	5.624	126.3	13.8	9.95	63.07	63.37	-0.304	27.34	26.84	26.645	309.42	0	
"2011-10-01	11:00:00"	9.63	155.5	14.18	15.31	8.25	154.9	14.61	13.52	68.37	68.93	-0.562	23.03	21.98	26.647	511.73	0	
"2011-10-01	12:00:00"	10.64	174	14.13	16.51	8.97	172.3	16.53	14.72	71.95	72.98	-1.026	23.47	22.07	26.644	681.99	0	
"2011-10-01	13:00:00"	9.67	166.1	19.76	17.1	8.28	164.9	21.53	15.31	74.58	75.82	-1.244	22.66	20.95	26.633	799.44	0	
"2011-10-01	14:00:00"	9.65	156.6	23.48	20.09	8.15	155.5	23.32	16.51	76.35	77.78	-1.427	24.83	22.91	26.618	847.88	0	
"2011-10-01	15:00:00"	9.53	170.2	28.31	17.1	8.23	168.1	30.45	15.31	77.81	79.23	-1.42	24.69	22.72	26.595	808.89	0	
"2011-10-01	16:00:00"	9.03	174.7	27.06	17.7	7.683	172.9	31.42	15.91	79.23	80.6	-1.333	24.67	22.67	26.573	735.63	0	
"2011-10-01	17:00:00"	10.09	177.2	20.07	18.89	8.59	176.8	22.79	18.89	80.3	81.5	-1.246	25.12	23.1	26.56	587.35	0	
"2011-10-01	18:00:00"	10.15	158	18.18	17.1	8.66	156.9	17.55	15.31	80.7	81.6	-0.825	25.45	23.59	26.55	396.14	0	
"2011-10-01	19:00:00"	10.56	154.7	15.92	15.91	8.86	153.8	15.65	14.12	80.8	81.2	-0.422	25.33	23.73	26.547	190.13	0	
"2011-10-01	20:00:00"	8.19	151	8.15	14.72	6.735	149.6	7.978	11.74	78.54	78.36	0.18	27.18	26.05	26.548	22.346	0	
"2011-10-01	21:00:00"	7.033	141.4	8.73	9.95	4.647	137	13.3	7.561	74.61	73.33	1.283	30.38	30.67	26.555	0	0	
"2011-10-01	22:00:00"	8.44	132.2	8.34	11.74	5.412	128.2	12.06	8.16	71.73	70.27	1.455	32.32	32.86	26.569	0	0	
"2011-10-01	23:00:00"	7.756	127.2	6.129	9.35	4.52	124	8.71	6.368	68.49	67.12	1.371	35.05	35.55	26.577	0	0	
"2011-10-02	00:00:00"	7.35	135.4	9.01	10.54	4.489	128.8	12.19	8.16	67.84	66.29	1.549	36.58	37.33	26.579	0	0	
"2011-10-02	01:00:00"	8.11	143.5	8.95	11.74	5.714	140.4	10.54	9.35	67.66	66.65	1.014	37.54	37.63	26.579	0	0	
"2011-10-02	02:00:00"	7.081	128	11.96	9.95	3.962	118.3	15.24	6.368	64.53	62.73	1.797	41.15	43	26.582	0	0	
"2011-10-02	03:00:00"	7.537	133.1	8.5	11.14	4.715	128.5	10.93	8.16	63.35	62.08	1.272	40.46	41.38	26.587	0	0	
"2011-10-02	04:00:00"	5.921	125.7	8.47	8.75	2.889	102.1	20.89	5.175	61.04	59.31	1.726	42.69	44.86	26.584	0	0	
"2011-10-02	05:00:00"	5.726	109	12.76	9.35	2.362	71.83	21.92	4.578	59.56	57.14	2.416	44.08	48.58	26.581	0	0	
"2011-10-02	06:00:00"	7.078	128.8	17.4	9.95	3.413	107.3	20.81	6.368	60.8	57.56	3.243	42.49	47	26.581	0	0	
"2011-10-02	07:00:00"	8.05	144.1	14.95	12.93	5.388	134.8	22.84	10.54	62.53	61.04	1.492	42.52	43.52	26.588	0	0	
"2011-10-02	08:00:00"	5.311	104.1	12.16	7.561	2.593	70.08	21.55	4.578	58.52	56.11	2.413	47.39	50.9	26.599	2.8252	0	
"2011-10-02	09:00:00"	5.469	108.9	20.08	8.75	3.244	91.7	28.74	6.368	59.38	58.34	1.045	46.19	47.77	26.609	104.98	0	
"2011-10-02	10:00:00"	7.344	164.4	12.97	12.93	6.031	163.7	13.29	11.14	66.69	66.91	-0.227	42.61	41.15	26.611	306.69	0	
"2011-10-02	11:00:00"	10.04	183.7	10.75	15.31	8.32	182.9	14.39	13.52	71.62	72.45	-0.834	39.3	37.41	26.619	509.05	0	
"2011-10-02	12:00:00"	11.5	180	10.74	17.1	9.59	178	13.21	15.31	75.38	76.58	-1.202	35.05	32.87	26.616	677.84	0	
"2011-10-02	13:00:00"	10.21	193.3	17.05	17.7	8.51	193.9	20.53	15.91	78.47	79.96	-1.489	31.44	29.04	26.606	793.32	0	
"2011-10-02	14:00:00"	10.9	191.9	18.74	18.89	9.12	193.8	22.77	15.91	80	81.7	-1.649	29.2	26.7	26.59	840.78	0	
"2011-10-02	15:00:00"	10.02	189.7	24.75	18.89	8.46	191.5	27.12	17.1	81.7	83.2	-1.491	26.92	24.55	26.559	784.1	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-02	16:00:00"	10.09	173.8	25.95	19.49	8.68	173	27.88	16.51	82.9	84.1	-1.279	23.85	21.64	26.536	738.28	0	
"2011-10-02	17:00:00"	9.87	161.9	27.97	17.1	8.36	161.3	28.68	15.91	83.8	85.1	-1.361	22.98	20.78	26.523	599.37	0	
"2011-10-02	18:00:00"	10.08	159.2	18.48	17.1	8.57	158	18.96	15.91	83.5	84.1	-0.593	22.5	20.71	26.518	212.84	0	
"2011-10-02	19:00:00"	10.02	162.2	12.55	15.91	8.58	160.6	12.63	13.52	83.2	83.5	-0.31	23.04	21.42	26.518	176.3	0	
"2011-10-02	20:00:00"	9.43	133.1	8.75	13.52	7.101	133.5	9.52	12.33	80.5	80.2	0.322	26.1	24.95	26.524	25.231	0	
"2011-10-02	21:00:00"	9.82	130	8.34	13.52	6.933	130.1	9.49	10.54	76.42	75.71	0.71	30.4	29.68	26.535	0	0	
"2011-10-02	22:00:00"	9.56	147.1	8.11	12.93	7.384	146.8	7.847	11.14	74.4	73.93	0.462	34.02	33.12	26.55	0	0	
"2011-10-02	23:00:00"	9.29	158.8	8.84	15.31	7.486	156.7	9.02	11.74	72.56	72.15	0.411	36.94	36.04	26.56	0	0	
"2011-10-03	00:00:00"	9.72	163.9	8.64	14.12	7.857	162	8.7	11.74	70.14	69.81	0.334	44.05	42.9	26.563	0	0	
"2011-10-03	01:00:00"	11.39	172.6	6.88	15.91	9	169.2	7.896	12.93	69.26	68.85	0.415	48.49	47.62	26.562	0	0	
"2011-10-03	02:00:00"	9.34	183.6	8.37	15.91	7.355	183.2	11.23	12.93	67.01	66.65	0.358	52.95	52.16	26.566	0	0	
"2011-10-03	03:00:00"	6.262	192.3	8.62	9.35	4.379	195.1	11.86	6.368	64.77	64.18	0.587	57.15	56.84	26.573	0	0	
"2011-10-03	04:00:00"	5.359	197.6	8.22	7.561	3.41	203.8	11.81	5.771	63.46	62.77	0.693	59.9	59.82	26.569	0	0	
"2011-10-03	05:00:00"	5.516	197.4	12.74	9.95	3.58	201.3	16.37	6.368	63.04	62.34	0.702	60.8	60.79	26.564	0	0	
"2011-10-03	06:00:00"	7.088	174.9	7.472	9.95	5.169	173.7	8.39	7.561	62.1	61.52	0.586	61.49	61.5	26.563	0	0	
"2011-10-03	07:00:00"	6.611	181.4	8.82	10.54	4.613	182.7	10.27	7.561	60.99	60.32	0.666	61.44	61.77	26.571	0	0	
"2011-10-03	08:00:00"	6.979	183.9	9.89	11.14	5.068	184.4	12.29	8.16	60.47	59.83	0.647	59.68	60.13	26.58	2.679	0	
"2011-10-03	09:00:00"	9.74	175.3	7.365	15.31	7.466	173	8.99	14.12	61.05	60.73	0.314	54.72	54.8	26.592	106.28	0	
"2011-10-03	10:00:00"	12.23	181	8.39	17.1	9.93	179.8	11.59	14.72	65.72	66.01	-0.287	45.82	44.4	26.604	310.32	0	
"2011-10-03	11:00:00"	12.19	185.2	10.04	17.1	10.05	184	13.65	16.51	70.96	71.79	-0.836	42.21	39.99	26.615	511.89	0	
"2011-10-03	12:00:00"	13.39	164.1	16.1	20.68	11.3	163.3	16.69	18.89	74.59	75.71	-1.116	36.24	34.18	26.616	684.77	0	
"2011-10-03	13:00:00"	14.67	146.6	16.18	25.45	12.27	146.8	16.21	21.28	77.04	78.44	-1.404	28.28	26.24	26.605	804.89	0	
"2011-10-03	14:00:00"	13.92	148.8	18.84	24.26	11.73	148.7	19.33	21.87	78.15	79.73	-1.577	25.75	23.5	26.586	852.48	0	
"2011-10-03	15:00:00"	13.04	158.6	21.74	24.86	11	157.8	22.28	20.09	78.84	80.4	-1.532	24.96	22.64	26.559	809.75	0	
"2011-10-03	16:00:00"	13.87	163.6	20.83	24.86	11.83	162.3	21.18	23.07	79.61	81.1	-1.496	25.17	22.87	26.54	734.97	0	
"2011-10-03	17:00:00"	14.92	157.3	19.33	25.45	12.58	156.3	19.96	22.47	79.95	81.4	-1.404	25.38	23.16	26.531	599.5	0	
"2011-10-03	18:00:00"	13.91	145	17.46	21.87	11.59	144.8	17.1	18.89	79.86	80.9	-1.013	24.15	22.08	26.524	395.2	0	
"2011-10-03	19:00:00"	13.62	135.9	10.99	20.09	11.12	136.7	11.67	16.51	79.21	79.75	-0.535	25	23.18	26.519	183.29	0	
"2011-10-03	20:00:00"	11.38	129.4	7.771	18.3	8.68	130.6	9.26	15.31	76.44	76.16	0.28	28.19	26.98	26.522	14.134	0	
"2011-10-03	21:00:00"	7.659	118.1	8.07	9.95	4.451	114.7	11.29	6.964	70.88	69.34	1.546	33.09	33.4	26.538	0	0	
"2011-10-03	22:00:00"	9.92	136.6	12.75	14.72	7.025	134.9	14.66	12.93	69.25	68.3	0.944	35.1	34.82	26.554	0	0	
"2011-10-03	23:00:00"	9.6	155.6	8.1	14.12	8.03	153.9	7.65	12.93	68.85	68.57	0.286	37	35.97	26.566	0	0	
"2011-10-04	00:00:00"	9.1	162.7	8.84	14.72	7.328	161.5	9.21	11.74	66.37	66.07	0.299	41.09	40.06	26.574	0	0	
"2011-10-04	01:00:00"	9	164.1	8.91	13.52	7.203	163.1	8.99	11.74	64.95	64.66	0.294	43.82	42.81	26.575	0	0	
"2011-10-04	02:00:00"	9.04	166.7	8.42	13.52	7.026	165.2	8.75	9.95	63.61	63.21	0.396	45.82	45.03	26.572	0	0	
"2011-10-04	03:00:00"	8.68	165	8.48	12.33	6.777	164	8.54	10.54	62.42	61.96	0.462	47.17	46.54	26.568	0	0	
"2011-10-04	04:00:00"	8.63	154.7	11.44	12.33	6.694	154.2	11.53	9.95	61.67	61.14	0.527	47.35	46.88	26.557	0	0	
"2011-10-04	05:00:00"	10.09	136.5	7.317	14.12	7.331	134.7	8.35	11.74	60.84	60.12	0.721	47.27	47.12	26.551	0	0	
"2011-10-04	06:00:00"	9.59	127.5	7.934	12.93	6.583	126.4	9.64	9.95	59.41	58.62	0.797	48.54	48.58	26.548	0	0	
"2011-10-04	07:00:00"	8.37	117.1	7.312	10.54	5.464	115	10.82	8.16	56.57	55.77	0.803	53.38	53.59	26.551	0	0	
"2011-10-04	08:00:00"	9.38	113.5	7.831	12.33	6.446	112.6	10.82	9.95	55.79	55.24	0.555	53.34	53.4	26.559	2.8111	0	
"2011-10-04	09:00:00"	10.46	117.8	10.12	15.31	7.935	119.1	12.82	12.93	56.83	56.79	0.034	51.47	50.71	26.566	102.67	0	
"2011-10-04	10:00:00"	13.88	145.6	11.24	22.47	11.58	145.3	11.22	19.49	61.23	61.69	-0.459	48.39	46.56	26.578	299.43	0	
"2011-10-04	11:00:00"	16.2	155.9	11.12	26.05	13.85	153.8	10.89	21.28	65.34	66.11	-0.766	47.28	44.96	26.579	499.77	0	
"2011-10-04	12:00:00"	16.36	161.2	11.83	24.26	14.06	159.7	12.36	22.47	69.19	70.27	-1.078	44.06	41.3	26.575	664.92	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-04	13:00:00"	16.86	152.9	13.59	25.45	14.32	151.9	13.71	23.07	72.37	73.84	-1.468	39.4	36.66	26.557	773.33	0
"2011-10-04	14:00:00"	17.94	152.8	14.97	27.24	15.21	152.1	14.51	23.66	74.66	76.27	-1.609	35.82	33.06	26.538	818.94	0
"2011-10-04	15:00:00"	16.05	154.5	15.27	24.26	13.67	153.2	15.38	21.28	76.02	77.73	-1.706	32.59	29.81	26.51	785.77	0
"2011-10-04	16:00:00"	15.31	145.5	12.81	27.84	12.97	145.6	13.28	23.66	77.08	78.71	-1.627	30.28	27.63	26.488	683.63	0
"2011-10-04	17:00:00"	15.47	152.3	13.68	24.86	13.12	151.9	13.52	21.28	77.71	78.74	-1.033	29.53	27.26	26.465	348.22	0
"2011-10-04	18:00:00"	16.56	154.1	13.1	26.05	14.19	152.9	12.68	21.87	77.55	78.33	-0.786	29.74	27.71	26.446	332.05	0
"2011-10-04	19:00:00"	16.66	152.7	11.19	24.26	14.15	151.6	11.32	22.47	77.03	77.5	-0.474	31.22	29.36	26.443	167.45	0
"2011-10-04	20:00:00"	14.36	144.4	8.33	22.47	11.86	144.4	8.62	18.3	74.76	74.77	-0.006	34.17	32.71	26.438	19.046	0
"2011-10-04	21:00:00"	12.07	143.8	7.034	17.1	9.83	144.2	7.655	15.91	72.39	72.23	0.163	36.42	35.18	26.448	0	0
"2011-10-04	22:00:00"	10.51	167.4	13.76	17.1	8.6	165.7	14.35	14.72	71.02	70.84	0.175	37.55	36.42	26.472	0	0
"2011-10-04	23:00:00"	14.64	170.8	9.91	22.47	12.02	167.8	11.23	18.3	70.7	70.6	0.102	37.86	36.65	26.483	0	0
"2011-10-05	00:00:00"	18.63	152.9	13.63	27.84	15.6	151.9	12.75	26.05	68.37	68.34	0.033	44.87	43.5	26.466	0	0
"2011-10-05	01:00:00"	16.92	158.2	8.98	26.05	14.66	156.2	9.09	22.47	66.4	66.45	-0.055	51.53	49.94	26.464	0	0
"2011-10-05	02:00:00"	14.43	162.2	9.27	23.66	12.35	159.7	9.76	21.28	64.85	64.88	-0.029	56.59	55.07	26.459	0	0
"2011-10-05	03:00:00"	13.31	170.1	9.16	20.68	10.93	168	10.45	17.1	63.14	63.14	0.006	62.52	61.19	26.457	0	0
"2011-10-05	04:00:00"	11.15	162.2	10.2	16.51	9.42	160.4	10.31	15.31	62.13	62.13	-0.002	65.6	64.33	26.446	0	0
"2011-10-05	05:00:00"	9.79	165	9.69	15.91	8.09	163.8	10.64	13.52	60.85	60.8	0.046	66.47	65.31	26.441	0	0
"2011-10-05	06:00:00"	9.25	160.7	9.63	14.72	7.775	159.4	9.95	12.93	59.8	59.73	0.077	67.97	66.96	26.437	0	0
"2011-10-05	07:00:00"	7.917	145.2	9.72	11.74	6.309	144.4	9.47	9.95	59.31	59.24	0.062	68.05	67.05	26.436	0	0
"2011-10-05	08:00:00"	10.23	154.6	11.26	17.1	8.55	153.3	10.93	14.72	60.53	60.53	-0.001	66.13	64.91	26.439	2.0884	0
"2011-10-05	09:00:00"	11.23	158.8	11.75	20.68	9.48	157.3	11.74	16.51	60.49	60.6	-0.109	67.87	66.8	26.435	51.493	0
"2011-10-05	10:00:00"	17.54	177.3	8.02	27.24	14.18	174.7	10.62	23.66	61.77	61.98	-0.215	70.47	69.51	26.443	184.67	0
"2011-10-05	11:00:00"	19.49	181.3	9.3	30.22	15.97	179.8	11.91	25.45	65.25	66.16	-0.911	66.31	63.56	26.451	486.81	0
"2011-10-05	12:00:00"	22.46	180.9	8.66	30.82	18.38	179.3	11.53	29.03	68.49	69.57	-1.087	60.52	57.27	26.444	520.68	0
"2011-10-05	13:00:00"	20.71	182.3	10.68	30.82	17.16	180.4	13.08	26.65	71.28	72.73	-1.455	55.89	52.18	26.425	708.86	0
"2011-10-05	14:00:00"	19.55	179.9	10.11	27.84	16.12	177.9	12.94	24.86	73.75	75.31	-1.564	51.51	47.79	26.396	729.97	0
"2011-10-05	15:00:00"	17.53	183	14.26	29.03	14.51	182.1	17.61	25.45	76.24	77.99	-1.741	45.92	42.07	26.364	772.13	0
"2011-10-05	16:00:00"	15.79	194.8	12.63	25.45	12.92	195.8	16.61	22.47	77.72	79.52	-1.795	41.11	37.7	26.344	706.04	0
"2011-10-05	17:00:00"	14.36	196.6	18.84	23.66	11.92	196.7	22.02	20.09	78.73	80.1	-1.341	38.4	35.69	26.33	551.96	0
"2011-10-05	18:00:00"	15.06	180.8	12.86	24.26	12.45	179.1	15.68	21.87	78.99	79.87	-0.876	37.44	35.23	26.315	326.94	0
"2011-10-05	19:00:00"	14.95	171.5	9.81	22.47	12.31	169.6	11.61	18.89	78.54	78.92	-0.378	39.03	37.24	26.311	122.4	0
"2011-10-05	20:00:00"	13.01	164.7	9.22	19.49	10.87	162.3	9.6	17.1	76.48	76.42	0.059	44.6	43.01	26.311	8.0284	0
"2011-10-05	21:00:00"	15.27	156.7	8.6	26.05	13.21	155	8.59	25.45	74.62	74.57	0.047	50.96	49.46	26.317	0	0
"2011-10-05	22:00:00"	17.7	157.6	9.01	27.24	15.24	155.7	8.67	24.86	73.15	73.07	0.08	54.94	53.56	26.327	0	0
"2011-10-05	23:00:00"	17.94	160.5	9.4	28.43	15.4	158.3	9.4	24.26	71.94	71.83	0.111	57.65	56.38	26.339	0	0
"2011-10-06	00:00:00"	17.86	166.5	9.12	27.84	14.78	164.3	9.53	23.07	70.65	70.48	0.173	58.91	57.82	26.339	0	0
"2011-10-06	01:00:00"	17.5	171.4	7.439	24.86	14.21	168.7	9.16	21.28	69.38	69.17	0.209	60.03	59.05	26.333	0	0
"2011-10-06	02:00:00"	17.13	174.9	6.952	24.86	13.69	173.4	9.01	21.28	68.39	68.15	0.237	61.69	60.81	26.321	0	0
"2011-10-06	03:00:00"	16.51	175.8	6.861	23.66	13.22	173.2	9	19.49	67.48	67.23	0.248	63.13	62.32	26.309	0	0
"2011-10-06	04:00:00"	15.14	173.9	6.704	21.28	12.18	171.5	8.69	17.7	66.63	66.37	0.263	64.19	63.44	26.303	0	0
"2011-10-06	05:00:00"	14.5	176.4	6.469	19.49	11.49	174.5	8.75	18.3	65.67	65.39	0.287	65.88	65.21	26.293	0	0
"2011-10-06	06:00:00"	12.76	182.4	10.17	18.3	10.3	181.4	12.6	15.31	64.6	64.34	0.257	68.41	67.75	26.295	0	0
"2011-10-06	07:00:00"	15.19	172.7	7.221	21.28	12.24	170.6	9.12	21.28	63.99	63.74	0.247	70.28	69.64	26.293	0	0
"2011-10-06	08:00:00"	15.03	176	6.784	21.87	12.04	174	8.49	18.89	62.99	62.78	0.208	74.57	73.95	26.305	2.1319	0
"2011-10-06	09:00:00"	14.53	176.4	7.326	23.07	11.69	174.9	9.8	18.89	62.6	62.61	-0.014	80.3	79.53	26.31	99.509	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-06	10:00:00"	15.89	179.5	8.22	22.47	12.98	177.3	10.94	18.89	64.84	65.29	-0.457	77.58	75.88	26.324	295.22	0
"2011-10-06	11:00:00"	16.42	175	8.99	24.26	13.53	172.7	10.75	20.09	68.83	69.72	-0.891	68	65.41	26.317	493.68	0
"2011-10-06	12:00:00"	17.27	171.6	11.4	24.26	14.38	169	12.8	21.28	73.15	74.33	-1.185	58.45	55.3	26.303	657.9	0
"2011-10-06	13:00:00"	21.49	170.9	10.75	31.42	17.9	168.9	12.34	26.65	75.62	77.04	-1.424	52.83	49.31	26.282	767.68	0
"2011-10-06	14:00:00"	22.25	175.4	10.72	30.82	18.38	173.4	12.52	27.84	77.48	79.16	-1.674	48.93	45.07	26.265	817.08	0
"2011-10-06	15:00:00"	22.28	180	11.73	33.8	18.43	178.4	14.09	29.03	79.59	81.2	-1.575	44.24	40.68	26.247	776.98	0
"2011-10-06	16:00:00"	20.02	179.9	14.31	32.01	16.6	178.4	16.15	26.65	82.1	83.5	-1.426	39.57	36.77	26.224	700.76	0
"2011-10-06	17:00:00"	21.43	173.2	9.99	32.61	17.77	171.3	11.67	27.84	84.2	85.3	-1.175	36.66	34.32	26.202	545.46	0
"2011-10-06	18:00:00"	23.66	163.8	11.25	35.59	20.06	161.5	11.66	30.82	85.5	86.1	-0.591	34.88	32.89	26.178	348.24	0
"2011-10-06	19:00:00"	25.48	165.3	9.9	38.57	21.53	162.6	10.57	33.21	84.6	84.7	-0.166	36.55	34.93	26.166	149.12	0
"2011-10-06	20:00:00"	24.49	171.9	7.564	36.19	20.03	169.3	9.33	32.61	81.8	81.6	0.146	41.31	39.9	26.186	14.471	0
"2011-10-06	21:00:00"	20.63	169.5	7.66	29.03	16.92	167.2	9.33	27.24	78.71	78.51	0.198	48.34	47.01	26.217	0	0
"2011-10-06	22:00:00"	20.79	168.2	8.17	32.61	17.25	165.9	9.2	28.43	76.69	76.49	0.2	52.82	51.62	26.237	0	0
"2011-10-06	23:00:00"	21.71	168.3	7.827	33.8	18.05	165.9	9.01	29.03	75.33	75.13	0.202	55.46	54.32	26.254	0	0
"2011-10-07	00:00:00"	22.71	166.1	8.5	35	18.99	163.8	9.52	31.42	73.96	73.77	0.187	58.34	57.26	26.259	0	0
"2011-10-07	01:00:00"	23.59	166.7	8.74	36.78	19.79	164	9.72	30.22	72.97	72.78	0.191	59.18	58.15	26.249	0	0
"2011-10-07	02:00:00"	24.56	168.2	8.28	36.19	20.46	165.7	9.55	31.42	72.6	72.39	0.21	58.95	57.95	26.239	0	0
"2011-10-07	03:00:00"	21.57	175	10.39	35.59	17.78	173.1	12.11	30.82	71.95	71.71	0.243	60.25	59.35	26.254	0	0
"2011-10-07	04:00:00"	19.22	179.1	7.035	27.24	15.62	177	9.22	23.07	71.04	70.79	0.249	62.9	62.07	26.272	0	0
"2011-10-07	05:00:00"	18.38	178.8	6.725	26.65	14.8	176.6	9.16	22.47	69.9	69.64	0.259	65.85	65.11	26.272	0	0
"2011-10-07	06:00:00"	19.85	176.4	6.132	27.84	15.99	173.7	8.48	24.26	69.05	68.8	0.245	68.19	67.49	26.276	0	0
"2011-10-07	07:00:00"	18.62	174.4	6.633	26.05	14.99	172.1	8.55	21.87	67.63	67.4	0.225	71.12	70.46	26.286	0	0
"2011-10-07	08:00:00"	16.4	177.7	6.298	23.07	13.25	176	8.79	20.09	65.75	65.56	0.192	74.77	74.14	26.302	1.8881	0
"2011-10-07	09:00:00"	15.06	175.1	6.95	21.87	12.12	172.6	8.86	18.89	64.8	64.79	0.007	80.3	79.59	26.316	96.141	0
"2011-10-07	10:00:00"	18	175.6	7.729	26.05	14.73	172.8	9.77	21.28	66.94	67.37	-0.422	80.2	78.56	26.332	284.34	0
"2011-10-07	11:00:00"	18.58	176.8	9.13	27.24	15.19	174.4	11.51	22.47	70.5	71.36	-0.867	71.05	68.43	26.344	489.41	0
"2011-10-07	12:00:00"	17.61	180.1	9.47	24.86	14.49	179.8	12.42	23.66	73.43	74.79	-1.356	62.72	59.18	26.342	660.23	0
"2011-10-07	13:00:00"	16.73	180.3	10.38	25.45	13.86	179	13.38	21.87	76.47	78.06	-1.596	54.14	50.45	26.329	776.42	0
"2011-10-07	14:00:00"	16.33	172.1	11.64	24.26	13.76	170.1	13.51	22.47	79.81	81.5	-1.651	43.86	40.45	26.305	822.95	0
"2011-10-07	15:00:00"	15.03	176.8	15.72	27.24	12.64	175.4	18.45	23.07	82.7	84.3	-1.583	33.39	30.73	26.277	785.09	0
"2011-10-07	16:00:00"	15.95	173.4	13.64	26.05	13.3	172.2	15.37	21.87	84.1	85.7	-1.567	30.57	28	26.254	706.68	0
"2011-10-07	17:00:00"	16.09	172.1	13.13	27.24	13.49	170	14.29	24.26	85.6	86.8	-1.221	27.52	25.28	26.24	536.84	0
"2011-10-07	18:00:00"	19.25	161	13.45	29.63	16.19	159.4	13.61	25.45	85.5	86.2	-0.765	31.62	29.5	26.229	347.98	0
"2011-10-07	19:00:00"	21.68	152.9	10.6	33.21	18.44	151.6	10.24	30.82	83.4	83.7	-0.295	36.72	34.95	26.226	152.7	0
"2011-10-07	20:00:00"	22.63	149	8.7	32.61	19.02	148.8	8.47	30.82	79.77	79.77	0.006	42.78	41.09	26.23	11.793	0
"2011-10-07	21:00:00"	21.14	157.2	10	36.78	18.09	156	10.01	32.61	77.14	77.09	0.058	50.57	49.04	26.242	0	0
"2011-10-07	22:00:00"	20	162.6	9.81	35.59	16.89	160	10.06	30.82	75.45	75.35	0.099	54.38	53.02	26.25	0	0
"2011-10-07	23:00:00"	23.96	170.6	8.79	38.57	19.61	168.5	10.25	32.61	74.82	74.68	0.144	54.29	53.05	26.255	0	0
"2011-10-08	00:00:00"	26	168.5	8.07	36.19	21.4	166.3	9.2	33.8	74.57	74.41	0.165	53.94	52.75	26.253	0	0
"2011-10-08	01:00:00"	26.23	171.2	11.01	40.96	21.67	169	12.29	37.38	74.23	74.05	0.177	55.52	54.38	26.243	0	0
"2011-10-08	02:00:00"	17.17	194.9	11.53	30.22	13.86	196.5	14.59	24.26	73.44	73.29	0.144	57.4	56.24	26.27	0	0
"2011-10-08	03:00:00"	15.18	215.1	29.9	24.86	12.21	216.3	31.37	21.87	73.59	73.56	0.024	53.91	52.62	26.285	0	0
"2011-10-08	04:00:00"	15.39	292.6	9.48	26.65	8.87	295.8	11.72	15.91	69.34	69.15	0.187	36.8	35.8	26.306	0	0
"2011-10-08	05:00:00"	10.15	294.6	12.13	15.31	5.855	299	14.06	13.52	64.68	64.04	0.639	41.45	40.97	26.303	0	0
"2011-10-08	06:00:00"	10	14.87	26.85	15.31	7.65	15.79	27.13	13.52	59.52	59.22	0.293	52.84	51.94	26.332	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-08	07:00:00"	10.12	12.47	9.28	13.52	7.425	7.972	14.45	11.74	56.42	56.03	0.387	58.26	57.8	26.352	0	0
"2011-10-08	08:00:00"	9.71	6.131	9.43	14.72	6.733	1.494	12.27	11.74	54.79	53.97	0.818	58.78	59.49	26.364	0.72614	0
"2011-10-08	09:00:00"	11.2	8.79	12.18	15.91	8.57	5.269	16.13	14.72	55.09	54.93	0.152	49.41	48.75	26.381	67.605	0
"2011-10-08	10:00:00"	11.05	29.19	13.67	16.51	9.09	29.32	16.54	14.72	57.23	58	-0.773	41.39	39.41	26.419	290.2	0
"2011-10-08	11:00:00"	10.97	33.69	11.81	15.91	9.18	33.76	14.6	15.31	59.41	60.56	-1.153	34.85	32.68	26.439	345.56	0
"2011-10-08	12:00:00"	10.06	21.85	15.29	15.91	8.41	21.43	18.53	14.12	61.56	62.77	-1.202	31.61	29.64	26.434	468.92	0
"2011-10-08	13:00:00"	6.576	24.51	37.06	15.91	5.547	23.93	42.35	14.72	65.42	67.44	-2.011	28.47	25.8	26.41	770.11	0
"2011-10-08	14:00:00"	6.854	305.1	50.5	17.1	5.069	309	53.57	14.72	68.25	70.23	-1.98	26.61	23.94	26.391	817.99	0
"2011-10-08	15:00:00"	6.874	279.9	35.5	18.3	5.311	279.4	39.81	15.31	69.73	71.62	-1.894	25.94	23.29	26.361	780.78	0
"2011-10-08	16:00:00"	7.789	302.1	46.09	14.72	5.906	303.6	47.46	12.93	71.4	73.39	-1.989	24.33	21.66	26.335	704.42	0
"2011-10-08	17:00:00"	5.014	159.7	62.95	11.74	4.342	162.6	63.47	10.54	72.39	73.5	-1.116	23.37	21.21	26.321	556.64	0
"2011-10-08	18:00:00"	4.392	139.3	81.7	8.75	3.53	132.5	85.2	9.35	73.12	74.01	-0.893	23.08	21.04	26.311	365.63	0
"2011-10-08	19:00:00"	4.635	88.1	50.08	8.75	3.638	91	52.72	8.16	73.12	73.86	-0.743	23.34	21.4	26.304	163.86	0
"2011-10-08	20:00:00"	15.94	114.4	7.827	22.47	12.19	116.5	10.55	19.49	65.93	66.11	-0.179	40.78	38.76	26.336	9.6532	0
"2011-10-08	21:00:00"	13.92	99.9	9.27	20.09	10.55	100.6	11.79	17.1	61.39	61.63	-0.235	47.83	45.79	26.355	0	0
"2011-10-08	22:00:00"	11.73	73.27	8.01	18.3	9.04	72.65	9.89	15.31	57.9	58.23	-0.328	41.57	39.66	26.375	0	0
"2011-10-08	23:00:00"	9.15	59.33	9.05	15.31	7.403	57.76	10.97	11.14	55.76	56.02	-0.265	60.34	58.07	26.4	0	0
"2011-10-09	00:00:00"	7.492	115.9	63.01	14.12	6.09	116.7	64.67	11.74	55.48	56.07	-0.589	77.57	75.08	26.421	0	0
"2011-10-09	01:00:00"	4.301	41.21	46.05	7.561	3.333	37.88	50.58	6.368	54.9	55.33	-0.434	82	79.79	26.428	0	0
"2011-10-09	02:00:00"	5.03	143.1	73.88	11.14	4.016	139.5	77.58	9.35	55.37	55.66	-0.291	82.1	80.9	26.434	0	0
"2011-10-09	03:00:00"	3.394	313.1	81.4	8.16	2.127	322.5	84.7	6.368	55.54	55.69	-0.152	84	83	26.413	0	0
"2011-10-09	04:00:00"	5.448	69.79	32.63	12.33	4.193	67.37	36.88	10.54	55.15	55.62	-0.472	84.7	82.9	26.383	0	0
"2011-10-09	05:00:00"	11.62	37.04	12.82	18.3	9.46	36.05	15.08	15.31	54.67	54.91	-0.236	84.1	82.7	26.388	0	0
"2011-10-09	06:00:00"	12.29	45.04	8.15	17.1	10.07	44.21	9.62	15.91	54.56	54.77	-0.209	82.7	81.4	26.402	0	0
"2011-10-09	07:00:00"	8.27	38.2	9.34	13.52	6.753	37.49	10.96	11.74	54.46	54.65	-0.18	82.4	81.2	26.415	0	0
"2011-10-09	08:00:00"	7.962	21.76	8.15	11.14	6.272	19.89	13.23	9.35	54.36	54.56	-0.2	84.7	83.5	26.435	0.93956	0
"2011-10-09	09:00:00"	7.373	21.63	7.546	10.54	5.884	19.67	12.49	9.35	54.97	55.27	-0.302	86.5	85.1	26.455	53.059	0
"2011-10-09	10:00:00"	8.17	24.5	9.1	11.74	6.73	24.22	13.33	10.54	57.66	58.6	-0.946	82	79.15	26.479	220.06	0
"2011-10-09	11:00:00"	6.443	9.43	43.48	12.93	5.165	6.977	46.43	12.93	60.43	61.9	-1.469	71.78	67.81	26.489	442.86	0
"2011-10-09	12:00:00"	6.934	30.24	28.7	12.93	5.76	29.17	31.37	11.74	62.71	64.14	-1.422	64.13	60.25	26.487	440.38	0
"2011-10-09	13:00:00"	8.07	84.1	25.5	17.7	6.541	84.7	28.02	12.93	64.56	66.69	-2.131	58.04	52.95	26.476	683.01	0
"2011-10-09	14:00:00"	5.932	61.29	21.32	9.95	4.893	59.44	25.43	9.35	64.66	65.75	-1.09	54.93	52.44	26.46	204.05	0
"2011-10-09	15:00:00"	7.894	89.3	33.01	15.91	6.571	91.1	34.94	15.31	65.99	67.63	-1.64	53.47	49.98	26.435	668.66	0
"2011-10-09	16:00:00"	10.93	132.3	16.8	18.89	9.28	134.2	17.78	15.91	66.88	68.65	-1.771	52.24	47.92	26.419	686.28	0
"2011-10-09	17:00:00"	8.66	65.05	49.36	16.51	7.308	64.11	51.34	14.12	66.48	68.34	-1.855	52.2	47.73	26.417	580.35	0
"2011-10-09	18:00:00"	6.739	146.8	32.51	12.33	5.744	144.8	35.95	10.54	67.88	68.9	-1.022	45.34	42.2	26.413	341.77	0
"2011-10-09	19:00:00"	4.663	150.8	31.26	8.75	3.888	151.7	33.49	8.16	68.31	68.84	-0.53	40.63	38.48	26.417	156.5	0
"2011-10-09	20:00:00"	6.005	97.7	18.61	11.14	3.873	97.7	21.32	8.16	66.75	66.71	0.044	44.06	42.08	26.427	11.789	0
"2011-10-09	21:00:00"	7.84	95.5	8.01	9.95	4.587	91.3	12.17	8.16	62.49	62.36	0.136	56.48	54.58	26.446	0	0
"2011-10-09	22:00:00"	7.316	79.52	13.78	9.95	4.642	74.74	15.83	7.561	59.22	59.26	-0.038	62.72	60.93	26.466	0	0
"2011-10-09	23:00:00"	8.04	82.9	7.3	10.54	4.847	78.4	11.25	8.16	56.66	56.93	-0.268	71.43	68.73	26.48	0	0
"2011-10-10	00:00:00"	8.06	73.27	7.487	11.14	5.187	66.92	10.95	8.75	54.87	54.7	0.168	76.53	75.13	26.494	0	0
"2011-10-10	01:00:00"	9.44	88.7	8.49	15.31	6.927	87.3	11.58	11.74	55.26	55.87	-0.603	83.4	80.7	26.503	0	0
"2011-10-10	02:00:00"	12.63	110.5	10.15	18.3	9.78	112.5	13.05	15.91	57.58	57.9	-0.323	86.6	85	26.5	0	0
"2011-10-10	03:00:00"	11.57	128.3	7.784	17.7	9.15	130	9.38	14.72	58.58	58.86	-0.274	84.2	82.7	26.502	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-10	04:00:00"	8.52	129.8	12.45	13.52	6.735	132	13.21	11.14	58.4	58.54	-0.138	85.8	84.7	26.497	0
"2011-10-10	05:00:00"	8.56	140.9	12.06	13.52	6.871	141.3	11.95	11.74	58	58.13	-0.125	85.5	84.5	26.492	0
"2011-10-10	06:00:00"	7.559	155.8	11.1	11.14	6.508	154.9	10.28	10.54	57.99	58.22	-0.23	85	83.7	26.498	0
"2011-10-10	07:00:00"	7.578	153.4	9.3	11.74	6.473	152.9	8.76	9.95	57.91	58.1	-0.192	82.8	81.6	26.502	0
"2011-10-10	08:00:00"	6.917	163.6	13.49	12.33	5.767	162	14.06	9.35	57.66	57.89	-0.225	81.8	80.6	26.505	0.56978
"2011-10-10	09:00:00"	8.21	159.1	16.6	14.12	6.817	158.1	16.82	11.74	57.45	57.75	-0.301	81.1	79.72	26.512	16.39
"2011-10-10	10:00:00"	6.012	174.6	18.64	11.14	4.953	174.9	21.82	9.95	58.23	58.6	-0.372	78.96	77.44	26.524	70.537
"2011-10-10	11:00:00"	7.756	181.4	15.04	12.93	6.486	180.3	17.8	11.14	58.96	59.58	-0.621	76.83	74.77	26.536	136.34
"2011-10-10	12:00:00"	8.06	177.4	13.56	15.31	6.787	176.6	16.09	14.12	59.87	60.63	-0.758	73.19	70.78	26.532	204.2
"2011-10-10	13:00:00"	8.03	172.3	21.79	15.31	6.909	171.1	24.23	14.72	61.92	62.91	-0.99	67.42	64.46	26.516	580.54
"2011-10-10	14:00:00"	9.07	167.8	23.24	16.51	7.743	167.2	26.5	14.72	64.35	65.89	-1.544	61.58	57.6	26.488	753.7
"2011-10-10	15:00:00"	9.82	162.7	24.31	17.1	8.29	163.1	25.05	15.91	67.27	68.95	-1.678	54.12	50.12	26.456	766.29
"2011-10-10	16:00:00"	9.42	164.3	23.28	17.1	8.03	163.6	25.67	17.1	69.86	71.36	-1.498	46.21	42.66	26.423	690.36
"2011-10-10	17:00:00"	10.16	160	21.61	18.3	8.65	159.4	21.97	16.51	71.82	73.09	-1.265	40.66	37.8	26.399	526.16
"2011-10-10	18:00:00"	9.61	157.9	19.58	17.1	8.2	157	20.49	15.91	72.26	73.25	-0.994	38.63	36.23	26.385	353.77
"2011-10-10	19:00:00"	10.66	147.2	15.36	17.7	8.95	146.9	14.81	14.72	72.33	72.85	-0.519	38.06	36.12	26.379	154.2
"2011-10-10	20:00:00"	11.37	141.5	8.68	15.91	9.21	141.7	8.73	13.52	69.66	69.67	-0.007	44.37	42.63	26.383	10.78
"2011-10-10	21:00:00"	11.13	135	7.138	15.91	8.71	135.5	7.801	13.52	66.07	65.9	0.172	50.74	49.38	26.39	0
"2011-10-10	22:00:00"	11.44	131.7	6.597	17.1	8.86	133.2	7.676	14.12	63.86	63.69	0.169	59.55	58.29	26.409	0
"2011-10-10	23:00:00"	10.45	130.6	8.33	14.72	7.972	132	9.2	12.93	61.97	61.77	0.203	65.17	64.13	26.416	0
"2011-10-11	00:00:00"	9.4	121.9	8.45	15.31	6.846	122.6	10.86	12.33	59.88	59.63	0.255	70.68	69.88	26.422	0
"2011-10-11	01:00:00"	11.58	134	6.719	15.91	9.11	135.2	7.467	13.52	58.82	58.75	0.072	78.64	77.64	26.414	0
"2011-10-11	02:00:00"	10.62	132.1	7.101	14.12	8.23	133.5	8.05	11.74	57.46	57.4	0.06	85.5	84.7	26.403	0
"2011-10-11	03:00:00"	9.14	133	7.033	13.52	7.124	133.9	8.09	11.74	56.32	56.26	0.063	88.4	87.7	26.397	0
"2011-10-11	04:00:00"	7.322	142.2	7.91	11.74	5.612	142.7	8.01	9.35	55.29	55.26	0.029	89.3	88.6	26.39	0.48544
"2011-10-11	05:00:00"	5.77	117.4	16.31	9.35	3.365	110	22.88	7.561	53.76	53.45	0.31	90.1	89.5	26.373	0.69017
"2011-10-11	06:00:00"	4.777	91.2	9.59	6.964	2.517	84.1	14.02	4.578	52.37	52.59	-0.224	91	90.9	26.372	1.6824
"2011-10-11	07:00:00"	6.414	131.6	29.16	12.93	4.779	130.1	31.23	9.95	54.93	55.14	-0.209	91.8	91.3	26.377	1.9536
"2011-10-11	08:00:00"	11.3	180.5	7.662	17.7	9.24	179	9.54	15.31	57.41	57.66	-0.244	91.9	90.4	26.369	1.8622
"2011-10-11	09:00:00"	15.18	179.6	7.22	21.87	12.38	178.6	9.72	18.89	59.34	59.58	-0.244	91.7	88.8	26.363	30.47
"2011-10-11	10:00:00"	14.77	182.4	8.52	21.28	12.1	181.1	11.22	17.7	60.72	61.17	-0.449	87.5	84.8	26.368	174.79
"2011-10-11	11:00:00"	10.97	196.6	14.76	15.91	9.11	197.5	17.33	14.72	64.43	65.4	-0.975	76.55	73.69	26.371	461.73
"2011-10-11	12:00:00"	10.48	201	15.42	15.91	8.79	201.7	18.5	13.52	67.96	69.15	-1.193	66.93	63.55	26.362	575.48
"2011-10-11	13:00:00"	11.74	198.8	16.39	18.3	9.71	200.3	19.7	18.89	72.18	73.76	-1.579	55.41	51.51	26.344	688.7
"2011-10-11	14:00:00"	10.4	213.4	18.45	18.3	8.79	215.4	19.72	17.1	75.26	77	-1.739	47.27	43.33	26.314	789.19
"2011-10-11	15:00:00"	11.32	213.4	19.02	21.28	9.41	216.1	20.54	19.49	77.69	79.37	-1.681	39.74	36.57	26.278	751.34
"2011-10-11	16:00:00"	11.67	226.8	19.82	21.28	9.96	228.1	21.72	20.68	80.4	81.7	-1.303	31.44	28.95	26.251	676.07
"2011-10-11	17:00:00"	12.76	257.7	22.8	25.45	10.22	259.8	25.43	20.09	82.4	83.8	-1.359	22.16	19.91	26.23	536.5
"2011-10-11	18:00:00"	11.89	244	22.12	26.05	9.67	247	24.84	20.09	82.9	83.6	-0.693	23.02	21.06	26.214	309.93
"2011-10-11	19:00:00"	12.04	245.7	27.82	20.68	9.76	246.8	30.38	18.3	83.1	83.3	-0.125	20.69	19.12	26.211	163.69
"2011-10-11	20:00:00"	9.45	275	8.57	15.31	6.173	281.4	11.43	11.74	80.6	79.28	1.327	14.97	14.16	26.22	10.438
"2011-10-11	21:00:00"	3.561	188.8	31.57	6.964	2.271	163.1	59.52	4.578	75.39	72.75	2.642	18.05	18.84	26.236	0
"2011-10-11	22:00:00"	5.673	199.9	20.59	13.52	3.389	193.5	24.57	11.14	73.28	71.14	2.141	22.18	22.26	26.255	0
"2011-10-11	23:00:00"	10.59	187.7	16.99	18.3	8.43	187.8	20.59	16.51	67.93	67.57	0.356	59.23	57.78	26.266	0
"2011-10-12	00:00:00"	8.26	201.3	14.89	13.52	6.643	203.8	17.08	12.33	66.25	65.97	0.284	68.59	67.72	26.278	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-12	01:00:00"	7.125	200.7	10.3	12.93	5.388	204.1	12.44	10.54	64.02	63.59	0.427	75.91	75.26	26.28	0	0
"2011-10-12	02:00:00"	7.239	207.5	14.28	14.72	5.774	209.2	15.99	12.93	62.7	62.4	0.3	81.1	80.5	26.274	0	0
"2011-10-12	03:00:00"	5.287	242.5	19.48	8.75	3.778	247.2	21.77	6.964	61.11	60.54	0.575	84.1	83.8	26.281	0	0
"2011-10-12	04:00:00"	5.871	262.3	19.53	9.95	3.75	272.5	26.44	7.561	59.84	58.46	1.383	84.1	85.1	26.291	0	0
"2011-10-12	05:00:00"	6.862	260.8	19.57	9.95	4.678	261.8	22.74	7.561	58.44	57.12	1.318	68.69	72.94	26.292	0	0
"2011-10-12	06:00:00"	9.59	302	6.118	13.52	3.483	301.6	8.67	6.368	55.8	51.68	4.115	48.65	63.97	26.292	0	0
"2011-10-12	07:00:00"	12.72	315.2	5.971	17.1	7.345	318.4	8.7	12.93	54.91	52.79	2.126	42.09	46.48	26.297	0	0
"2011-10-12	08:00:00"	13.09	320.6	6.563	17.7	8.68	322.6	8.99	14.12	56.27	55.09	1.177	37.98	38.46	26.305	1.3966	0
"2011-10-12	09:00:00"	14.66	336.4	9.98	22.47	10.79	336.1	11.29	19.49	58.64	58.13	0.505	36.37	35.85	26.317	96.031	0
"2011-10-12	10:00:00"	15.84	351.4	12.66	21.87	12.27	347.9	12.52	19.49	65.55	66.08	-0.525	29.66	28.01	26.339	295.67	0
"2011-10-12	11:00:00"	16.23	356.2	13.24	22.47	12.77	351.6	13.7	19.49	71.48	72.73	-1.245	24.66	22.55	26.353	493.94	0
"2011-10-12	12:00:00"	15.01	8.32	13.84	22.47	11.88	3.884	17.28	18.89	75.33	77.12	-1.789	22.74	20.39	26.368	658.63	0
"2011-10-12	13:00:00"	15.98	29.08	14.14	24.26	13.15	27.69	16.8	21.28	78.37	80.2	-1.844	20.16	17.87	26.37	769.76	0
"2011-10-12	14:00:00"	13.11	41.9	16.42	21.87	10.87	42.42	18.62	20.68	79.42	81.3	-1.895	18.65	16.55	26.371	812.05	0
"2011-10-12	15:00:00"	11.25	17.25	23.38	21.28	9.2	16.99	27.7	19.49	80	82.3	-2.269	18.11	15.77	26.359	770.99	0
"2011-10-12	16:00:00"	10.43	358.5	26.03	20.68	8.48	356.3	28.77	18.3	80.8	83	-2.196	17	14.63	26.35	692.21	0
"2011-10-12	17:00:00"	10.71	1.997	23.66	21.28	8.66	0.396	26.02	18.3	81.3	83.3	-1.96	15.35	13.24	26.348	544.93	0
"2011-10-12	18:00:00"	11.08	344.7	14.48	18.89	8.97	342.2	14.99	17.1	81.5	82.9	-1.343	14.6	12.61	26.355	355.45	0
"2011-10-12	19:00:00"	10.4	9.41	17.97	19.49	8.14	6.554	20.56	15.91	80.6	80.8	-0.226	15.34	13.82	26.369	152.87	0
"2011-10-12	20:00:00"	7.89	15.61	6.822	12.93	4.679	8.39	10.19	9.95	75.66	72.31	3.354	17.99	18.9	26.391	9.135	0
"2011-10-12	21:00:00"	9.04	23.95	8.41	11.74	5.345	16.37	14.58	8.16	69.02	65.64	3.38	23.38	24.49	26.417	0	0
"2011-10-12	22:00:00"	9.19	38.59	7.301	12.93	6.115	30.06	11.31	9.35	67.36	65.07	2.296	27.02	27.35	26.434	0	0
"2011-10-12	23:00:00"	9.63	46.9	8.52	12.93	6.913	43.03	10.69	9.95	65.09	63.91	1.173	32.3	31.64	26.449	0	0
"2011-10-13	00:00:00"	9.64	65.84	10.13	12.33	6.21	63.48	10.59	9.95	61.87	60.53	1.341	40.71	39.83	26.456	0	0
"2011-10-13	01:00:00"	9.18	77.21	5.51	10.54	5.08	63.69	8.4	6.368	60.38	57.05	3.338	48.65	48.99	26.46	0	0
"2011-10-13	02:00:00"	8.32	78.22	5.799	9.95	4.756	63.41	8.2	6.368	59	56.12	2.88	56.49	56.53	26.463	0	0
"2011-10-13	03:00:00"	3.292	149.6	76.91	8.75	1.829	327.7	64.5	5.771	58.65	55.34	3.317	62.48	62.25	26.475	0	0
"2011-10-13	04:00:00"	1.749	214.6	13.28	3.982	1	309	10.58	1	58.54	55.11	3.43	68.69	67.7	26.484	0	0
"2011-10-13	05:00:00"	2.387	203.4	15.58	4.578	1	254.7	42.05	1	59.23	56.4	2.83	72.61	72.72	26.484	0	0
"2011-10-13	06:00:00"	4.724	145.5	9.32	6.964	1.219	112.4	37.03	3.386	59.45	56.52	2.931	77.92	78.14	26.492	0	0
"2011-10-13	07:00:00"	5.458	129.2	17.63	7.561	2.792	92.4	29.13	5.175	58.8	55.82	2.972	80.9	82.3	26.502	0	0
"2011-10-13	08:00:00"	8.54	77.45	23.25	14.12	5.753	66.79	12.21	10.54	54.92	53	1.918	82.5	83.9	26.511	1.1689	0
"2011-10-13	09:00:00"	8.83	63.98	7.282	11.14	6.475	63.12	8.8	9.95	52.82	52.61	0.21	83.6	82.6	26.514	83.2	0
"2011-10-13	10:00:00"	10.48	85.6	11.02	15.31	8.24	85.5	14.19	12.93	59.67	60.25	-0.579	72.51	70.42	26.524	276.66	0
"2011-10-13	11:00:00"	10.45	112.3	16.81	15.91	8.24	114.1	18.54	14.12	65.28	66.3	-1.024	56.05	53.13	26.526	473.11	0
"2011-10-13	12:00:00"	12.12	163.2	13.98	19.49	10.41	161.5	14.87	17.1	68.94	70.09	-1.157	46.16	43.05	26.518	634.41	0
"2011-10-13	13:00:00"	13.44	173.3	14.48	21.28	11.28	171.4	17.08	18.89	71.16	72.75	-1.583	41.47	38.16	26.502	742.45	0
"2011-10-13	14:00:00"	13.36	180.7	15.99	21.28	11.26	180.1	19.27	20.09	73.75	75.52	-1.771	38.69	35.55	26.477	787.02	0
"2011-10-13	15:00:00"	13.4	189.3	16.22	22.47	11.13	189.9	19.99	19.49	75.41	77.19	-1.781	35.02	31.98	26.442	748.35	0
"2011-10-13	16:00:00"	13.38	197.3	16.69	22.47	11.12	198.6	19.59	19.49	77.39	78.95	-1.562	30.74	28.02	26.408	670.47	0
"2011-10-13	17:00:00"	12.73	203.5	15.88	22.47	10.52	204.4	18.35	17.7	78.81	80.1	-1.298	26.21	23.82	26.388	527.91	0
"2011-10-13	18:00:00"	12.83	206.7	18.76	21.28	10.49	208.7	20.92	18.3	79.73	80.5	-0.765	23.77	21.75	26.375	343.18	0
"2011-10-13	19:00:00"	13.06	189.5	11.75	20.09	10.76	189.2	13.34	17.7	79.51	79.68	-0.167	22.45	20.79	26.364	145.27	0
"2011-10-13	20:00:00"	10.53	169.3	8.66	15.91	8.36	165.5	9.82	14.12	76.26	75.73	0.528	23.37	22.2	26.366	7.9115	0
"2011-10-13	21:00:00"	10.14	159.9	8.63	15.31	8.1	157.9	8.73	12.93	71.77	71.12	0.65	25.01	24.1	26.375	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-13	22:00:00"	10.34	158.3	9.27	14.72	8.44	157.1	8.99	12.93	68.74	68.21	0.53	26.81	25.74	26.384	0
"2011-10-13	23:00:00"	9.56	162.4	9.43	14.72	7.549	161.6	9.6	11.14	65.91	65.33	0.579	30.46	29.51	26.392	0
"2011-10-14	00:00:00"	10.86	168.7	8.93	14.72	8.48	166.2	9.04	12.93	64.78	64.09	0.684	32.95	32.07	26.395	0
"2011-10-14	01:00:00"	10.98	184.5	9.06	17.1	8.65	185.7	12.27	13.52	63.87	63.26	0.613	37.48	36.59	26.387	0
"2011-10-14	02:00:00"	7.622	193.9	8.67	14.12	5.622	199	11.36	11.74	62.21	61.53	0.679	41.35	40.47	26.382	0
"2011-10-14	03:00:00"	8.72	186.8	7.388	12.93	6.596	189.6	9.62	10.54	60.61	59.78	0.829	45.39	44.78	26.377	0
"2011-10-14	04:00:00"	8.39	198.6	8.75	11.74	6.189	203.1	11.03	9.35	59.3	58.56	0.742	50.18	49.53	26.372	0
"2011-10-14	05:00:00"	7.902	206.2	10.36	12.33	5.917	211.1	13.34	9.35	58.04	57.24	0.801	54.32	53.95	26.36	0
"2011-10-14	06:00:00"	7.657	222.8	11.77	11.14	6.216	225.5	12.95	9.95	57.43	56.83	0.6	54.94	54.36	26.359	0
"2011-10-14	07:00:00"	6.887	230.5	10.6	10.54	5.502	237.1	12.24	8.75	56.82	56.18	0.647	57.78	57.26	26.364	0
"2011-10-14	08:00:00"	6.859	242.2	9.47	9.35	5.251	247.8	10.65	7.561	55.91	55.25	0.658	59.47	58.8	26.372	1.098
"2011-10-14	09:00:00"	6.539	236.9	12.77	9.95	5.188	243.8	11.46	7.561	56	55.54	0.457	61.31	60.61	26.383	86.001
"2011-10-14	10:00:00"	7.562	220	12.77	11.14	6.435	222.1	14.16	9.95	59.42	59.73	-0.308	57.09	55.31	26.398	283.95
"2011-10-14	11:00:00"	7.451	212.3	11.67	11.14	6.349	214.1	13.92	9.95	65.51	66.36	-0.849	44.86	42.41	26.408	481.74
"2011-10-14	12:00:00"	7.637	225	17.56	11.74	6.628	228.3	18.89	10.54	72.68	73.72	-1.043	32.9	30.73	26.41	640.69
"2011-10-14	13:00:00"	7.143	231.1	24.3	13.52	5.959	232.6	26.6	11.14	78.91	80	-1.124	24.17	22.06	26.402	753.85
"2011-10-14	14:00:00"	7.205	243.5	33.12	15.31	5.974	245.2	36.48	12.93	84.2	85.5	-1.317	15.64	13.68	26.38	801.16
"2011-10-14	15:00:00"	9.55	257.7	31.41	17.1	7.583	259.9	33.01	14.72	86.5	88.2	-1.786	12.27	10.24	26.352	762.63
"2011-10-14	16:00:00"	9.75	273.8	34.77	18.89	7.369	276.2	36.72	15.91	87.2	88.8	-1.629	11.57	9.58	26.331	683.74
"2011-10-14	17:00:00"	7.712	278.8	34.63	15.91	5.877	280.9	34.51	12.93	87.7	89.3	-1.592	10.79	8.84	26.322	536.88
"2011-10-14	18:00:00"	6.994	259.6	25.93	17.1	5.651	259.8	27.87	13.52	88	88.8	-0.806	10.7	8.92	26.322	346.16
"2011-10-14	19:00:00"	6.623	240.7	25.18	11.74	5.384	242.8	27.24	10.54	87.4	87.4	-0.02	11.13	9.57	26.326	145.11
"2011-10-14	20:00:00"	4.64	204	14.99	8.16	3.131	205.9	17.21	7.561	83.6	82.5	1.07	12.94	12	26.337	7.0325
"2011-10-14	21:00:00"	3.973	188.5	10.33	8.75	2.448	188.8	11.38	6.368	79.22	77.78	1.44	15.27	14.53	26.354	0
"2011-10-14	22:00:00"	4.911	291.2	65.26	17.7	3.998	317.2	74.1	15.31	78.05	73.78	4.27	16.36	17.11	26.378	0
"2011-10-14	23:00:00"	10.1	172.1	31.26	20.68	7.686	170.1	35.29	17.7	77.26	76.02	1.237	26.11	25.3	26.41	0
"2011-10-15	00:00:00"	7.706	43.62	30.57	12.33	5.02	32.31	25.81	8.75	72.89	69.5	3.391	30.56	31.83	26.439	0
"2011-10-15	01:00:00"	8.84	35.03	15.86	12.33	5.635	30.28	19.87	9.95	66.02	63.86	2.163	36.5	37.31	26.441	0
"2011-10-15	02:00:00"	6.51	51.02	6.205	9.95	4.285	33.49	20.45	6.964	64.37	60.2	4.174	37.85	41.38	26.443	0
"2011-10-15	03:00:00"	7.922	23.24	7.691	11.14	4.877	17.95	10.23	8.16	59.88	57.84	2.038	44.84	46.13	26.449	0
"2011-10-15	04:00:00"	9.01	17.31	4.567	11.14	5.484	14.48	10.1	8.16	57.71	56.19	1.52	50.04	50.71	26.452	0
"2011-10-15	05:00:00"	9.78	15.01	5.309	11.74	6.316	11.73	10.98	9.35	56.05	54.73	1.318	53.54	54.25	26.449	0
"2011-10-15	06:00:00"	10.69	14.25	6.056	13.52	7.456	10.09	11.47	10.54	54.03	53.36	0.667	58.14	57.91	26.453	0
"2011-10-15	07:00:00"	11.31	13.51	5.225	14.12	8.15	8.54	12.11	11.74	52.59	51.97	0.624	64.38	64.16	26.462	0
"2011-10-15	08:00:00"	12.22	8.86	7.293	15.91	8.96	5.026	13.02	13.52	52.18	51.7	0.478	68.36	68.07	26.476	1.0322
"2011-10-15	09:00:00"	13.1	12.29	7.424	17.1	10.06	8.63	13.51	15.31	53.16	53.16	0.007	67.67	66.48	26.492	84.326
"2011-10-15	10:00:00"	13.78	24.33	9.43	18.3	11.19	23.97	13.89	17.1	58.11	58.86	-0.749	60.31	57.73	26.52	275.14
"2011-10-15	11:00:00"	10.92	40.86	13.47	15.31	9.2	40.67	14.8	13.52	62.34	63.61	-1.268	54.11	50.75	26.535	462.85
"2011-10-15	12:00:00"	9.29	52.44	14.76	13.52	7.966	52.49	17.03	12.33	67.52	69.23	-1.707	46.53	42.59	26.532	641.77
"2011-10-15	13:00:00"	9.62	51.08	16.2	14.72	8.24	50.36	18.94	14.12	71.76	73.78	-2.015	40.1	36.54	26.53	748.96
"2011-10-15	14:00:00"	8.14	62.25	23.55	14.12	6.835	62.06	26.58	13.52	75.4	77.58	-2.183	34.46	31.13	26.514	792.83
"2011-10-15	15:00:00"	6.543	87.7	40.19	16.51	5.55	90.2	45.6	16.51	78.15	79.96	-1.809	30.89	28	26.489	762.15
"2011-10-15	16:00:00"	6.467	108.6	31.37	14.12	5.494	108.3	34.63	11.14	80.5	82.1	-1.608	27.79	25.14	26.471	669.95
"2011-10-15	17:00:00"	8.07	141.3	31.29	15.91	6.883	142.4	33.7	12.93	82.1	83.3	-1.247	24.8	22.45	26.46	520.86
"2011-10-15	18:00:00"	8.23	140.5	18.64	15.31	6.999	141.9	18.27	12.93	82.6	83.5	-0.826	23.22	21.14	26.453	332.26

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-15	19:00:00"	9.18	150.9	13.59	13.52	7.711	150.4	13.31	11.74	82.1	82.3	-0.208	22.72	20.97	26.451	135.28	0	
"2011-10-15	20:00:00"	9.1	133.7	6.012	11.74	6.08	131.1	8.49	11.14	77.63	76.52	1.108	28.41	27.56	26.458	5.9145	0	
"2011-10-15	21:00:00"	9.06	126.6	6.334	11.74	5.232	123.9	8.61	7.561	73.63	71.71	1.918	32.67	32.72	26.472	0	0	
"2011-10-15	22:00:00"	9.32	134	8.57	12.33	6.193	132.1	9.68	8.75	71.69	70.36	1.331	35.18	35	26.486	0	0	
"2011-10-15	23:00:00"	9.14	151.7	9.25	13.52	7.102	149.6	8.92	12.33	69.75	69.06	0.699	36.58	35.86	26.501	0	0	
"2011-10-16	00:00:00"	10.72	164	8.45	17.1	8.63	161.9	8.79	13.52	67.84	67.36	0.485	40.02	39	26.505	0	0	
"2011-10-16	01:00:00"	10.25	169.5	9.8	15.31	8.02	167.4	9.9	12.33	65.29	64.78	0.508	44.84	43.84	26.506	0	0	
"2011-10-16	02:00:00"	7.216	182.2	8.45	12.33	5.115	183.5	10.59	10.54	63.28	62.47	0.811	48.95	48.4	26.505	0	0	
"2011-10-16	03:00:00"	9.28	171.2	7.701	13.52	7.075	169.2	9	11.14	62.7	62.05	0.651	51.44	50.87	26.5	0	0	
"2011-10-16	04:00:00"	6.3	171.5	9.25	9.95	4.495	170.4	11.23	7.561	61.31	60.6	0.717	54.68	54.21	26.495	0	0	
"2011-10-16	05:00:00"	6.059	167.7	9.25	8.16	4.069	166.1	11.19	5.771	60.67	59.74	0.928	56.84	56.64	26.485	0	0	
"2011-10-16	06:00:00"	4.82	191.4	12.02	7.561	3.109	198.4	16.22	5.175	60.09	59.12	0.973	59.53	59.3	26.484	0	0	
"2011-10-16	07:00:00"	4.924	216.2	11.99	6.964	3.38	224.3	14.18	5.771	59.1	58.48	0.623	62.3	61.79	26.488	0	0	
"2011-10-16	08:00:00"	6.489	211.6	9.2	8.75	4.762	217.3	11.29	7.561	58.64	58.06	0.572	63.76	63.21	26.492	1.0027	0	
"2011-10-16	09:00:00"	6.824	212.5	12.81	9.95	5.261	215.7	12.53	8.16	58.24	57.87	0.37	65.78	65.1	26.496	83.292	0	
"2011-10-16	10:00:00"	8.49	209	12.97	14.12	7.039	212	14.74	12.33	61.35	61.73	-0.375	60.9	59.04	26.508	273.89	0	
"2011-10-16	11:00:00"	10.06	213.6	11.54	15.31	8.67	214	13.08	12.93	66.12	66.81	-0.695	52.43	49.93	26.512	467.02	0	
"2011-10-16	12:00:00"	8.51	210.3	14.18	13.52	7.302	211.9	16.03	11.14	71.38	72.45	-1.068	43.26	40.47	26.508	630.07	0	
"2011-10-16	13:00:00"	7.476	212.5	16.41	11.74	6.446	213.6	19.42	11.14	77.32	78.61	-1.289	33.65	31.21	26.497	743.4	0	
"2011-10-16	14:00:00"	9.76	211.6	17.01	18.3	8.21	213.6	19.03	15.31	82.3	83.7	-1.427	26.03	23.62	26.468	789.06	0	
"2011-10-16	15:00:00"	10.79	216.8	18.91	17.7	9.17	218.5	21.51	16.51	84.9	86.4	-1.411	21.03	18.74	26.436	745.88	0	
"2011-10-16	16:00:00"	8.56	214	23.89	15.31	7.27	215.4	26.52	13.52	86.5	87.8	-1.305	19.16	16.99	26.412	667.34	0	
"2011-10-16	17:00:00"	8.8	223.1	28.28	16.51	7.436	223.6	31.13	14.12	88.1	89.2	-1.121	14.54	12.57	26.392	521.25	0	
"2011-10-16	18:00:00"	7.074	225.3	27.63	16.51	5.929	227	30.25	15.91	88.4	89	-0.633	13.11	11.32	26.381	335.34	0	
"2011-10-16	19:00:00"	6.314	227.5	21.27	11.14	5.228	229.2	22.42	9.35	87.9	87.8	0.057	12.65	11.1	26.374	138.27	0	
"2011-10-16	20:00:00"	3.905	225.6	13.43	6.964	2.549	220.8	19.06	5.771	84.5	83.6	0.986	13.83	12.8	26.379	5.7735	0	
"2011-10-16	21:00:00"	4.855	211	27.75	8.75	3.148	209	38.72	6.964	79.63	77.73	1.899	15.63	15.37	26.395	0	0	
"2011-10-16	22:00:00"	8.24	190.4	8.38	16.51	5.863	193.6	11.23	13.52	75	73.6	1.4	20.29	19.5	26.402	0	0	
"2011-10-16	23:00:00"	11.05	188.1	7.789	16.51	8.64	191.5	10.25	12.93	70.57	69.91	0.662	30.41	29.26	26.407	0	0	
"2011-10-17	00:00:00"	7.922	200	8.19	11.14	5.648	205.6	10	8.75	67.72	66.97	0.743	36.68	35.82	26.415	0	0	
"2011-10-17	01:00:00"	7.985	200.2	7.791	11.14	5.634	202.7	10.05	8.75	66.15	65.25	0.908	39.28	38.68	26.41	0	0	
"2011-10-17	02:00:00"	8.25	199.7	8.67	11.74	6.135	204	11.14	9.95	64.3	63.64	0.66	45	43.95	26.399	0	0	
"2011-10-17	03:00:00"	7.442	205.3	9.96	10.54	5.519	210.3	12.21	8.16	62.49	61.95	0.541	54.08	52.98	26.391	0	0	
"2011-10-17	04:00:00"	8.15	207.2	9.41	11.14	6.113	211.2	12.52	9.35	61.19	60.66	0.525	60.1	59.25	26.374	0	0	
"2011-10-17	05:00:00"	7.03	228.5	13.3	10.54	5.805	231	15.2	9.35	60.04	59.74	0.3	61.87	60.81	26.36	0	0	
"2011-10-17	06:00:00"	6.953	242.6	7.883	9.95	5.339	248.5	9.37	7.561	58.42	57.87	0.543	66.24	65.4	26.359	0	0	
"2011-10-17	07:00:00"	7.608	244.2	9.57	9.95	5.844	249.1	10.47	8.75	57.82	57.28	0.546	69.27	68.69	26.359	0	0	
"2011-10-17	08:00:00"	7.92	255	9.77	11.14	6.167	261.1	11.37	9.95	56.94	56.42	0.519	72.05	71.7	26.36	0.9282	0	
"2011-10-17	09:00:00"	7.679	261.7	10.19	11.14	5.807	268.9	12.33	9.95	58.53	58.15	0.38	68.83	68.45	26.358	80.471	0	
"2011-10-17	10:00:00"	5.935	256.7	9.54	9.35	4.856	256.9	14.04	8.16	63.3	63.61	-0.311	53.02	51.66	26.362	271.34	0	
"2011-10-17	11:00:00"	6.121	246.6	11.68	9.95	5.369	245.9	14.8	8.16	71.92	72.37	-0.45	34.94	33.48	26.358	464.39	0	
"2011-10-17	12:00:00"	9.81	266.2	16.39	18.3	7.577	268.2	18.52	14.72	81.9	83.1	-1.177	17.61	15.85	26.338	629.46	0	
"2011-10-17	13:00:00"	14.52	297.3	12.58	22.47	9.13	299.8	14.5	18.3	86.3	88.2	-1.959	13.35	11.3	26.316	739.83	0	
"2011-10-17	14:00:00"	17.46	299	12.83	27.84	10.99	301.8	14.66	24.86	86.8	89	-2.174	13.07	10.9	26.294	784.2	0	
"2011-10-17	15:00:00"	18.43	290.8	12.71	30.22	11.81	293.7	14.78	24.86	87.6	89.7	-2.084	12.34	10.18	26.256	741.39	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-17	16:00:00"	19.22	288.6	13.73	31.42	12.73	291.4	15.7	24.86	88.3	90.1	-1.798	11.62	9.53	26.237	671.42	0	
"2011-10-17	17:00:00"	19.48	283.5	14.07	32.01	13.35	286.8	15.36	23.66	89	90.3	-1.39	10.87	8.9	26.228	518.19	0	
"2011-10-17	18:00:00"	22.06	316.5	14.25	35	15.04	318.1	15.45	28.43	89.1	89.8	-0.743	10.98	9.16	26.243	321.46	0	
"2011-10-17	19:00:00"	25.12	329	13.58	37.38	18.38	329.6	14.65	32.61	87	86.9	0.1	11.54	9.96	26.266	112.63	0	
"2011-10-17	20:00:00"	28.66	5.63	20.24	46.92	22.39	3.652	23.19	38.57	77.69	77.5	0.188	21.14	19.57	26.326	4.0177	0.01	
"2011-10-17	21:00:00"	28.44	24.15	7.629	42.75	22.75	23.38	12.76	35.59	67.77	67.83	-0.061	33.76	32.17	26.392	0	0	
"2011-10-17	22:00:00"	26.46	28.89	7.548	38.57	21.37	28.45	11.66	33.8	64.69	64.59	0.098	36.79	35.41	26.425	0	0	
"2011-10-17	23:00:00"	22.11	28.93	6.573	36.19	17.96	28.45	10	32.01	61.46	61.32	0.147	41.43	39.99	26.458	0	0	
"2011-10-18	00:00:00"	18.82	32.84	7.666	29.03	15.2	32.18	10.11	24.26	58.79	58.65	0.147	45.45	44.04	26.486	0	0	
"2011-10-18	01:00:00"	18.58	20.67	7.117	31.42	14.63	18.86	13.2	26.05	56.95	56.79	0.167	49.37	48.07	26.509	0	0	
"2011-10-18	02:00:00"	17.65	16.55	7.106	30.22	13.72	12.91	14.28	26.65	54.6	54.41	0.192	52.81	51.67	26.524	0	0	
"2011-10-18	03:00:00"	21.41	16.68	7.518	32.01	16.62	13.59	13.7	26.05	51.45	51.24	0.205	52.91	51.77	26.532	0	0	
"2011-10-18	04:00:00"	20.48	22.96	7.467	33.8	16.36	21.7	12.67	28.43	49.21	49.1	0.11	57.13	55.88	26.535	0	0	
"2011-10-18	05:00:00"	12.53	6.027	13	22.47	9.65	0.943	16.12	20.09	47.58	47.24	0.344	60.32	59.71	26.582	0	0	
"2011-10-18	06:00:00"	10.23	5.176	11.87	16.51	7.844	359.9	13.8	13.52	45.54	45.13	0.402	63.85	63.51	26.605	0	0	
"2011-10-18	07:00:00"	8.38	354.8	12.28	13.52	5.984	349.6	13.44	10.54	43.64	42.96	0.679	67.06	67.4	26.617	0	0	
"2011-10-18	08:00:00"	7.344	340.7	9.98	11.14	5.053	337.4	10.2	8.16	41.81	41.03	0.779	70.49	71.03	26.63	0.76819	0	
"2011-10-18	09:00:00"	8.81	334	9.05	15.31	6.493	332.2	10.46	13.52	42.59	42.36	0.229	69.86	69.14	26.654	76.718	0	
"2011-10-18	10:00:00"	14.18	353	13.62	21.87	11.15	349.8	14.71	19.49	46.74	47.42	-0.684	62.14	59.47	26.685	262.48	0	
"2011-10-18	11:00:00"	12.86	356.4	14	20.68	10.3	352.2	16.39	17.7	48.96	50.61	-1.649	58.04	53.76	26.694	452.66	0	
"2011-10-18	12:00:00"	12.36	358.3	18.27	25.45	10.11	354.6	19.85	19.49	52.38	54.26	-1.882	48.12	43.86	26.696	613.38	0	
"2011-10-18	13:00:00"	17.05	17.7	13.53	27.24	13.86	14.54	17.81	24.86	56.01	58.22	-2.204	35.23	31.78	26.685	721.55	0	
"2011-10-18	14:00:00"	17.3	16.47	14.41	27.24	14.05	13.18	18.75	25.45	58.76	61.06	-2.303	30.26	27	26.663	763.8	0	
"2011-10-18	15:00:00"	17.53	20.88	12.59	27.84	14.39	19.26	17.22	23.07	60.69	62.84	-2.159	27.27	24.24	26.639	722.82	0	
"2011-10-18	16:00:00"	16.28	17.62	16.59	26.65	13.33	15.52	20.65	23.07	62	64.09	-2.086	25.26	22.37	26.618	645.43	0	
"2011-10-18	17:00:00"	16.36	14.29	12.48	24.86	13.05	11.36	17.46	23.07	63.35	65.12	-1.771	24.27	21.61	26.609	495.75	0	
"2011-10-18	18:00:00"	15.19	17.38	11.69	24.26	12.16	15.02	17.3	21.28	63.26	64.46	-1.204	24.79	22.47	26.606	310.04	0	
"2011-10-18	19:00:00"	13.72	16.09	11.31	22.47	10.86	12.97	16.16	21.28	62.58	62.86	-0.279	25.35	23.64	26.611	118.2	0	
"2011-10-18	20:00:00"	8.57	17.97	6.199	14.72	6.036	12.85	11.44	13.52	59.66	58.67	0.985	27.04	26.4	26.623	4.6741	0	
"2011-10-18	21:00:00"	7.359	22.73	4.363	9.35	4.072	8.15	8.79	5.771	56.69	52.08	4.603	29.84	32.43	26.632	0	0	
"2011-10-18	22:00:00"	7.86	41.56	9.93	11.74	5.127	33.87	15.36	9.35	54.86	52.46	2.396	30.2	31.47	26.636	0	0	
"2011-10-18	23:00:00"	7.182	45.67	5.649	9.35	4.254	36.79	12.19	6.368	53.05	50.33	2.726	30.58	32.47	26.644	0	0	
"2011-10-19	00:00:00"	7.888	39.39	4.654	10.54	4.758	23.09	8.55	6.964	51.53	47.66	3.868	30.57	34.19	26.652	0	0	
"2011-10-19	01:00:00"	8.14	34.88	3.765	9.35	4.753	20.32	8.45	6.368	50.11	46.05	4.068	31.35	35.31	26.649	0	0	
"2011-10-19	02:00:00"	7.912	24.32	5.5	9.35	4.544	11.38	9.34	6.368	46.39	43.53	2.86	35.55	38.07	26.646	0	0	
"2011-10-19	03:00:00"	7.791	20.23	4.511	9.35	4.472	14.85	10.1	6.368	44.09	41.61	2.478	37.84	40.26	26.644	0	0	
"2011-10-19	04:00:00"	6.803	19.94	4.885	8.75	3.775	8.87	9.21	5.175	42.53	40.13	2.391	39.27	41.84	26.636	0	0	
"2011-10-19	05:00:00"	7.318	10.6	5.704	8.75	3.628	2.42	9.43	5.175	42.17	38.18	3.992	39.69	44.88	26.626	0	0	
"2011-10-19	06:00:00"	8.13	5.416	19.79	9.35	4.06	356.2	8.77	5.175	44.77	37.87	6.901	36.13	45.65	26.625	0	0	
"2011-10-19	07:00:00"	7.711	1.155	15.68	9.35	4.492	1.754	9.95	5.771	46.31	38.07	8.24	34.34	45.65	26.631	0	0	
"2011-10-19	08:00:00"	4.914	315.9	25.45	6.368	3.223	318.2	30.12	5.175	46.04	37.77	8.27	34.46	46	26.632	0.77096	0	
"2011-10-19	09:00:00"	6.798	304	7.045	9.95	3.158	304.1	9.56	5.175	39.96	38.05	1.915	44.09	47.15	26.647	76.897	0	
"2011-10-19	10:00:00"	6.516	276.1	21.53	9.95	4.602	279.8	22.42	8.75	48.06	48.66	-0.598	34.76	33.29	26.667	262.14	0	
"2011-10-19	11:00:00"	6.339	241	19.24	9.95	5.509	242.4	22.42	8.75	55.55	57.04	-1.486	26.78	24.38	26.666	443.66	0	
"2011-10-19	12:00:00"	7.022	215.9	25.08	14.72	6.028	217.2	27.81	12.93	59.6	61.25	-1.645	22.42	20.03	26.655	612.85	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-19	13:00:00"	6.702	222.1	28.83	13.52	5.85	223.2	32.74	12.93	59.69	60.93	-1.241	21.86	19.76	26.634	719.38	0	
"2011-10-19	14:00:00"	6.365	222.8	44.96	15.31	5.427	226.5	51.94	12.93	62.79	64.17	-1.376	20.6	18.42	26.601	760.44	0	
"2011-10-19	15:00:00"	7.216	237.4	28.65	14.12	6.127	242	33.67	12.93	67.45	70.03	-2.574	18.19	15.32	26.563	721.52	0	
"2011-10-19	16:00:00"	6.262	215.5	41.27	12.93	5.461	217.8	42.41	11.74	68.92	71.6	-2.678	17.85	14.84	26.533	644.18	0	
"2011-10-19	17:00:00"	7.029	193.3	42.31	18.3	6.161	194.5	45.01	14.72	69.31	72.17	-2.852	17.82	14.7	26.509	499.34	0	
"2011-10-19	18:00:00"	6.712	193.2	28.45	15.31	5.754	193.4	30.21	14.12	69.2	71.53	-2.327	18.03	15.16	26.496	315.66	0	
"2011-10-19	19:00:00"	7.448	182.6	15.28	13.52	6.269	180.5	18.39	11.74	68.57	69.67	-1.1	18.39	16.16	26.488	122.46	0	
"2011-10-19	20:00:00"	7.207	153.8	10.23	9.95	5.48	150.3	10.55	8.75	64.38	64.28	0.102	20.87	19.23	26.483	3.6632	0	
"2011-10-19	21:00:00"	8.13	141.3	6.808	12.33	5.539	137.9	8.96	9.35	60.63	59.42	1.204	23.39	22.56	26.487	0	0	
"2011-10-19	22:00:00"	10.09	143	6.046	12.93	7.432	142.2	7.002	11.14	59.14	58.33	0.812	24.63	23.73	26.482	0	0	
"2011-10-19	23:00:00"	10.24	146.8	7.105	13.52	7.766	145.7	7.709	11.74	57.05	56.39	0.658	26.39	25.4	26.478	0	0	
"2011-10-20	00:00:00"	9.02	146.7	6.677	12.93	6.649	145.3	6.977	9.95	54.77	54.22	0.547	28.92	27.84	26.473	0	0	
"2011-10-20	01:00:00"	8.42	148.1	6.836	11.74	6.108	147.5	7.312	9.35	53.43	52.66	0.766	30.84	30.01	26.46	0	0	
"2011-10-20	02:00:00"	8.89	140.6	6.959	12.33	6.26	139.4	7.997	9.95	53.3	52.38	0.919	31.3	30.69	26.448	0	0	
"2011-10-20	03:00:00"	8.89	142.5	7.616	12.33	6.552	141.7	8.17	9.95	52.71	51.98	0.726	31.78	31.02	26.44	0	0	
"2011-10-20	04:00:00"	5.828	139.5	11.41	8.75	3.717	130.1	19.65	6.368	50.81	49.88	0.936	33.37	32.61	26.431	0	0	
"2011-10-20	05:00:00"	5.913	153.8	24.71	8.75	3.821	138.5	39.06	6.964	49.86	47.79	2.07	34.13	34.94	26.415	0	0	
"2011-10-20	06:00:00"	4.477	186.8	9.64	7.561	2.75	186.2	13.63	5.771	49.94	48.41	1.534	33.61	33.99	26.416	0	0	
"2011-10-20	07:00:00"	5.73	193.1	7.287	10.54	3.869	193.6	11.99	8.75	48.9	47.5	1.4	34.54	34.84	26.415	0	0	
"2011-10-20	08:00:00"	7.338	205.4	9.63	10.54	5.318	208.8	11.64	8.75	47.9	47.03	0.873	35.9	35.61	26.411	0.63697	0	
"2011-10-20	09:00:00"	8.18	215.1	11.03	13.52	6.645	216.8	11.45	12.93	48.76	48.31	0.444	35.5	34.85	26.42	72.759	0	
"2011-10-20	10:00:00"	10.35	213.8	10.88	15.91	8.66	215.1	12.35	14.12	51.76	52.05	-0.283	33.91	32.38	26.434	257.95	0	
"2011-10-20	11:00:00"	11.71	223	12.74	17.7	10.16	221.3	14.25	15.91	58.98	59.45	-0.468	28.24	26.5	26.441	443.5	0	
"2011-10-20	12:00:00"	11.78	243.5	13.38	18.3	10.15	245.8	15.55	16.51	66.53	67.38	-0.843	23.51	21.53	26.434	608.58	0	
"2011-10-20	13:00:00"	11.54	262.6	17.02	24.26	8.97	267.2	18.83	19.49	75.18	76.76	-1.583	18.44	16.25	26.423	719.46	0	
"2011-10-20	14:00:00"	16.96	295.3	13.46	24.86	10.94	297.3	15.43	21.87	81.1	83.2	-2.057	14.46	12.22	26.395	767.12	0	
"2011-10-20	15:00:00"	17.07	295.6	15.58	27.84	11.31	297.7	16.96	21.87	83.2	85.2	-2.066	13.07	10.87	26.369	722.96	0	
"2011-10-20	16:00:00"	17.11	301.3	15.1	27.24	10.91	303.6	16.15	21.28	84.7	86.6	-1.874	10.88	8.81	26.357	650.11	0	
"2011-10-20	17:00:00"	15.88	299.6	14.17	27.24	9.85	302.6	15.65	18.89	85.1	86.6	-1.584	11.09	9.07	26.356	495.8	0	
"2011-10-20	18:00:00"	14.55	297	11.19	24.26	8.77	299.2	12.76	18.3	85.2	86.1	-0.842	10.91	9.09	26.36	310.17	0	
"2011-10-20	19:00:00"	9.15	277.5	12.33	17.1	6.409	280.9	13.64	14.72	83.9	83.6	0.305	11.52	10.06	26.37	115.44	0	
"2011-10-20	20:00:00"	6.114	292.9	38.56	11.74	3.862	300.9	39.78	6.964	81.1	76.5	4.633	12.96	13.52	26.392	3.4722	0	
"2011-10-20	21:00:00"	7.925	328.6	21.76	10.54	4.455	340.4	25.15	6.368	80.8	70.87	9.95	11.37	15.06	26.418	0	0	
"2011-10-20	22:00:00"	7.389	309.1	35.35	14.12	4.225	321.1	37.09	11.74	75.46	68.6	6.864	13.62	15.82	26.429	0	0	
"2011-10-20	23:00:00"	9.99	65.09	9.27	15.91	6.388	58.32	10.36	11.74	67.69	65.14	2.55	19.83	19.81	26.447	0	0	
"2011-10-21	00:00:00"	10.18	71	8.59	13.52	6.077	63.7	10.17	9.95	64.53	61.56	2.965	22.92	23.54	26.457	0	0	
"2011-10-21	01:00:00"	9.14	50.51	8.96	12.93	6.341	50.53	11.46	9.95	61.32	59.35	1.975	25.61	25.71	26.462	0	0	
"2011-10-21	02:00:00"	9.86	45.96	10.79	12.93	6.985	42.53	14.35	9.35	58.49	57	1.49	28.09	27.94	26.461	0	0	
"2011-10-21	03:00:00"	10.37	44.67	7.761	13.52	7.691	39.71	8.98	11.74	56.83	55.65	1.175	29.81	29.46	26.464	0	0	
"2011-10-21	04:00:00"	8.9	43.42	7.111	11.74	6.58	35.73	9.28	9.35	55.69	54.23	1.464	31.7	31.61	26.464	0	0	
"2011-10-21	05:00:00"	7.984	21.83	12.79	12.93	5.56	11.44	23.55	9.95	52.14	50.75	1.388	36.12	36.17	26.468	0	0	
"2011-10-21	06:00:00"	8.82	23.38	6.935	12.33	5.747	22.57	10.26	9.95	50.33	48.56	1.78	39.6	40.17	26.47	0	0	
"2011-10-21	07:00:00"	9.07	16.24	8.99	12.93	6.059	14.64	15.68	9.35	48.79	47.51	1.285	43.29	43.58	26.481	0	0	
"2011-10-21	08:00:00"	10.29	12.29	8.76	13.52	7.138	9.96	13.32	10.54	48.71	47.57	1.14	44.23	44.41	26.495	0.5991	0	
"2011-10-21	09:00:00"	9.28	10.74	13.91	14.72	6.727	10.16	17.86	11.74	50.31	49.66	0.651	42.86	42.47	26.516	69.77	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2011-10-21	10:00:00"	9.12	14	9.51	12.33	7.478	11.7	13.66	11.14	57.52	58.09	-0.575	36.06	34.26	26.536	252.89	0
"2011-10-21	11:00:00"	6.886	19.72	13.36	10.54	5.854	18.23	17.21	8.75	65.81	66.9	-1.088	29.69	27.52	26.547	442.99	0
"2011-10-21	12:00:00"	6.025	51.46	19.49	9.95	5.054	51.73	21.57	9.35	70.66	72.34	-1.688	25.83	23.36	26.546	603.59	0
"2011-10-21	13:00:00"	6.123	50.34	22.9	9.95	5.218	49.74	26.08	9.95	76.17	77.94	-1.769	20.99	18.58	26.533	714.38	0
"2011-10-21	14:00:00"	4.707	54.49	61.15	10.54	4.098	57.69	63.37	9.35	80.4	82	-1.524	16.42	14.27	26.511	757.86	0
"2011-10-21	15:00:00"	4.753	104.8	71.97	9.35	4.062	102.9	77.12	8.16	82.2	83.5	-1.346	14.76	12.71	26.485	709.6	0
"2011-10-21	16:00:00"	5.633	76.72	86.1	14.12	4.667	80.6	88.6	14.72	83.6	85	-1.387	13.86	11.8	26.465	628.11	0
"2011-10-21	17:00:00"	5.32	115.1	76.41	18.3	4.511	113.3	80.4	15.31	84.2	85.2	-1.043	13.5	11.55	26.451	484.97	0
"2011-10-21	18:00:00"	8.47	173.6	19.3	15.31	7.104	170.9	24.26	14.12	84.1	84.7	-0.604	13.47	11.66	26.442	299.08	0
"2011-10-21	19:00:00"	7.501	152.7	11.38	11.74	6.071	151.2	11.39	9.95	83	83	0.086	13.44	11.94	26.441	110.57	0
"2011-10-21	20:00:00"	8.99	119.3	15.27	11.74	5.552	118.1	17.15	8.16	76.59	75.09	1.502	18.35	17.43	26.45	3.1789	0
"2011-10-21	21:00:00"	9.2	84.5	8.5	11.14	5.056	68.72	12.14	6.368	70.29	67.25	3.041	24.11	24.34	26.465	0	0
"2011-10-21	22:00:00"	11.34	103	5.607	15.31	6.736	99.8	10.28	11.14	68.6	66.77	1.834	26.56	26.29	26.472	0	0
"2011-10-21	23:00:00"	11.11	106	6.849	14.72	6.913	103.4	10.7	11.74	66.19	64.8	1.385	31.16	30.63	26.477	0	0
"2011-10-22	00:00:00"	11.25	113.5	8.11	14.72	7.878	113.8	11.08	11.74	64.89	64.18	0.717	38.9	37.89	26.471	0	0
"2011-10-22	01:00:00"	9.69	112.7	11.97	14.72	6.396	110.4	14.26	10.54	62.18	61.29	0.892	47.53	46.79	26.457	0	0
"2011-10-22	02:00:00"	4.71	70.32	28.83	7.561	3.469	43.45	30.39	6.368	60.64	57.94	2.697	50.55	53	26.454	0	0
"2011-10-22	03:00:00"	4.127	134.1	33.63	5.771	2.125	37.68	47.36	4.578	60.58	53.82	6.757	45.16	55.74	26.447	0	0
"2011-10-22	04:00:00"	6.391	210.4	19.79	9.35	4.248	207.5	23.62	7.561	59.44	57.44	1.997	43.78	45.58	26.445	0	0
"2011-10-22	05:00:00"	6.62	312.2	40.61	12.33	3.922	326.9	50.14	9.35	55.93	53.95	1.978	50.41	50.79	26.446	0	0
"2011-10-22	06:00:00"	6.307	353.2	18.47	11.74	4.153	353.9	27.36	8.16	52.89	48.45	4.434	54.58	58.15	26.452	0	0
"2011-10-22	07:00:00"	8.77	359	11.59	12.33	5.53	356.6	11.67	8.75	48.74	46.43	2.309	62.9	65.12	26.457	0	0
"2011-10-22	08:00:00"	7.675	335.4	9.94	11.14	4.452	335.5	12.01	8.16	49.45	46.65	2.796	63.86	66.89	26.46	0.54531	0
"2011-10-22	09:00:00"	11.06	337	9.77	17.1	7.444	339.8	14.11	14.72	53.33	51.2	2.133	48.37	52.68	26.463	71.527	0
"2011-10-22	10:00:00"	13.73	334.6	8.92	21.87	10.44	333.7	10.72	17.1	65.74	65.96	-0.22	23.05	22.2	26.472	255.57	0
"2011-10-22	11:00:00"	12.8	332.7	12.48	20.68	9.82	332	12.93	16.51	74.42	75.6	-1.185	16.07	14.32	26.473	444.42	0
"2011-10-22	12:00:00"	12.86	316.9	13.22	19.49	9.02	317.9	14.43	15.91	79.64	81.3	-1.698	13.32	11.33	26.471	606.06	0
"2011-10-22	13:00:00"	12.48	307.7	16.45	20.09	8.54	309.1	18.18	16.51	83.1	85.3	-2.113	10.99	8.91	26.461	716.28	0
"2011-10-22	14:00:00"	13.48	279.6	17.69	23.66	9.97	282.4	18.93	18.89	84.1	86.3	-2.242	10.56	8.4	26.442	757.76	0
"2011-10-22	15:00:00"	15.75	288.9	13.75	27.84	10.46	291.4	15.62	20.68	84.1	86.4	-2.278	10.89	8.65	26.419	712.93	0
"2011-10-22	16:00:00"	15.36	288	13.86	25.45	10.41	290.2	15.58	20.09	84.3	86.5	-2.173	10.4	8.21	26.404	640.23	0
"2011-10-22	17:00:00"	18.04	298.7	11.19	28.43	10.84	301.5	13.45	21.28	84.6	86.6	-1.993	8.57	6.46	26.391	494.45	0
"2011-10-22	18:00:00"	15.3	301	13.59	25.45	9.49	303.4	15.5	17.7	84.2	85.5	-1.336	8.89	6.896	26.386	307.26	0
"2011-10-22	19:00:00"	9.41	319	13.86	15.91	6.012	320.8	14.77	11.14	83.5	83.6	-0.123	9.97	8.3	26.393	113.93	0
"2011-10-22	20:00:00"	8.84	12.4	5.915	10.54	4.686	9.49	8.36	6.964	76.58	73.52	3.06	12.85	12.26	26.408	2.678	0
"2011-10-22	21:00:00"	9.27	17.79	3.165	10.54	4.512	9.9	5.083	5.771	71.79	63.82	7.969	15.49	17.4	26.422	0	0
"2011-10-22	22:00:00"	8.82	18.86	2.128	9.95	4.739	4.969	3.522	5.771	70.67	59.86	10.81	16.74	21.34	26.436	0	0
"2011-10-22	23:00:00"	10.79	9.36	3.918	15.31	5.887	3.246	9.82	9.35	66.8	58.45	8.34	18.67	22.87	26.449	0	0
"2011-10-23	00:00:00"	9.77	22.29	4.99	12.93	5.759	19.36	10.53	8.16	60.83	57.77	3.059	24.98	25.14	26.459	0	0
"2011-10-23	01:00:00"	10.2	33.5	5.452	13.52	7.123	30.67	8.83	9.95	59.76	57.99	1.765	31.78	31.53	26.463	0	0
"2011-10-23	02:00:00"	11.13	28.34	4.71	12.93	7.695	23.46	9.08	10.54	57.74	56.09	1.65	36.08	35.31	26.465	0	0
"2011-10-23	03:00:00"	10.55	32.46	5.694	14.72	7.52	30.61	8.6	9.95	55.36	54.2	1.163	41.14	40.08	26.47	0	0
"2011-10-23	04:00:00"	11.27	27.63	4.754	13.52	8.05	26.03	8.16	11.14	53.72	52.32	1.405	47.03	46.48	26.472	0	0
"2011-10-23	05:00:00"	11.63	28.67	6.443	14.12	8.45	27.31	9.25	11.74	53.31	52.19	1.126	53.4	52.74	26.471	0	0
"2011-10-23	06:00:00"	11.87	37.63	5.655	15.31	8.61	34.42	8.39	12.33	54.05	52.96	1.09	57.85	57.05	26.482	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-23	07:00:00"	9.98	29.06	8.29	15.31	7.32	25.13	12.63	12.33	52.85	52.06	0.796	61.16	60.19	26.499	0
"2011-10-23	08:00:00"	7.664	14.3	7.928	12.33	4.965	4.982	12.88	8.75	48.59	47.83	0.767	65.89	65.01	26.513	0.45789
"2011-10-23	09:00:00"	8.54	358.5	21.37	12.93	6.124	352.3	20.37	9.35	48.61	48.14	0.471	72.26	71.97	26.531	66.327
"2011-10-23	10:00:00"	7.335	333.6	12.02	9.95	5.974	332.5	12.77	9.95	54.36	55.39	-1.03	65.54	61.94	26.566	243.64
"2011-10-23	11:00:00"	5.004	4.993	35.93	9.95	4.246	2.424	41.62	8.75	62.36	64.18	-1.817	56.73	52.06	26.587	427.25
"2011-10-23	12:00:00"	3.051	72.87	72.27	9.35	2.741	82.2	80.2	7.561	69.35	71.68	-2.328	48.27	43.01	26.59	586.31
"2011-10-23	13:00:00"	5.375	87.9	33.42	10.54	4.536	86	41.98	9.95	73.42	75.74	-2.319	40.96	36.64	26.581	693.14
"2011-10-23	14:00:00"	4.927	131.6	51.28	9.95	4.28	135.3	52.81	9.35	77.37	80	-2.664	33.57	29.59	26.559	737.71
"2011-10-23	15:00:00"	6.561	133	34.69	13.52	5.609	135.7	37.79	11.74	79.48	81.9	-2.412	27.99	24.54	26.538	693.44
"2011-10-23	16:00:00"	4.736	123.3	58.97	12.93	4.042	124.6	62.91	10.54	81.6	84	-2.413	24.44	21.13	26.518	620.16
"2011-10-23	17:00:00"	5.181	166.8	53.04	11.74	4.454	167.3	56.5	11.74	81.3	84.3	-3.007	23.66	20.01	26.508	473.78
"2011-10-23	18:00:00"	7.206	166	20.05	12.33	6.049	165.8	22.46	12.33	80.3	82.6	-2.264	22.83	19.67	26.506	291.64
"2011-10-23	19:00:00"	6.795	149.7	14.88	10.54	5.634	147.8	14.97	9.95	79.19	79.98	-0.791	22.77	20.54	26.509	104.19
"2011-10-23	20:00:00"	4.272	127.3	7.008	6.964	1.413	93.6	22.79	3.386	74.47	73.41	1.067	26.21	24.28	26.523	2.0903
"2011-10-23	21:00:00"	6.834	116.1	5.716	8.75	3.245	83.4	12.67	5.175	71.72	67.26	4.46	28.17	30.36	26.542	0
"2011-10-23	22:00:00"	8.76	114.9	4.074	9.95	3.838	93.5	9.83	5.771	69.3	63.61	5.681	28.96	32.36	26.559	0
"2011-10-23	23:00:00"	8.84	124.4	6.699	13.52	4.738	111.3	12.77	8.16	65.97	61.77	4.207	32.06	34.51	26.571	0
"2011-10-24	00:00:00"	10.47	128.5	6.386	14.12	6.841	126.8	8.2	10.54	64.9	62.71	2.189	32.69	33.48	26.577	0
"2011-10-24	01:00:00"	11.33	129.5	6.513	15.31	8.11	129.8	7.78	12.33	63.36	62.24	1.118	36.93	36.58	26.578	0
"2011-10-24	02:00:00"	11.86	130.6	6.768	17.1	8.92	131.1	7.774	14.12	62.76	62	0.754	41.62	40.83	26.577	0
"2011-10-24	03:00:00"	9.71	126.2	6.854	13.52	6.803	126.1	8.75	9.95	59.94	59.18	0.758	48.35	47.52	26.574	0
"2011-10-24	04:00:00"	9.03	136	6.675	12.93	6.852	134.3	6.88	10.54	58.38	57.75	0.634	53.57	52.73	26.573	0
"2011-10-24	05:00:00"	7.801	128.5	10.52	10.54	5.128	122	18.36	8.16	56.83	55.9	0.923	58.63	57.87	26.567	0
"2011-10-24	06:00:00"	7.325	86.2	6.425	9.35	4.203	63.6	11.12	5.771	54.14	52.51	1.63	62.6	61.46	26.567	0
"2011-10-24	07:00:00"	8.12	80.2	4.953	9.95	5.016	66.22	6.819	6.964	52.52	50.32	2.199	68.2	68.17	26.572	0
"2011-10-24	08:00:00"	8.38	95.3	10.59	9.95	4.61	80.8	13.41	6.368	52.27	50.58	1.691	71.7	71.67	26.584	0.43446
"2011-10-24	09:00:00"	8.69	115.6	12.95	13.52	5.694	108.3	18.46	12.93	52.76	51.61	1.153	75.8	75.93	26.596	62.632
"2011-10-24	10:00:00"	11.33	145.3	10.54	19.49	9.24	144.6	10.78	14.72	59.68	59.94	-0.265	71.22	69.46	26.606	239.36
"2011-10-24	11:00:00"	13.43	162.2	10.3	20.68	11.13	160.2	11.15	16.51	66.91	67.72	-0.812	56.26	53.23	26.607	425.21
"2011-10-24	12:00:00"	17.82	177.4	10.82	26.65	14.65	176.5	13.16	22.47	73.33	74.52	-1.189	43.44	40.24	26.601	583.29
"2011-10-24	13:00:00"	17.63	180.1	9.97	26.05	14.58	179.1	13	21.87	77.38	79.01	-1.632	33.65	30.8	26.591	692.35
"2011-10-24	14:00:00"	18.8	177.7	10.35	27.84	15.6	176.4	12.63	23.66	79.94	81.7	-1.738	26.32	23.61	26.563	737.85
"2011-10-24	15:00:00"	17.55	178.1	11.64	29.03	14.56	177.3	14.18	23.66	81.8	83.7	-1.847	22.73	20.06	26.532	694.92
"2011-10-24	16:00:00"	17.45	182	10.47	27.84	14.49	181.8	13.04	24.26	82.5	84.4	-1.805	22.92	20.25	26.509	615.51
"2011-10-24	17:00:00"	17.66	179.4	9.8	26.05	14.61	178.6	12.79	22.47	82.8	84.6	-1.769	21.07	18.49	26.493	466.84
"2011-10-24	18:00:00"	17.75	173.9	10.38	24.86	14.65	172.3	12.32	21.87	83.2	84.4	-1.183	19.14	16.93	26.479	284.52
"2011-10-24	19:00:00"	14.9	170.1	8.84	22.47	12.23	168.3	10.57	19.49	82.1	82.4	-0.291	19.12	17.37	26.478	95.185
"2011-10-24	20:00:00"	11.78	156.5	9.32	17.1	9.63	153.6	9.16	15.31	77.44	77.17	0.266	22.23	20.78	26.485	1.2778
"2011-10-24	21:00:00"	11.57	149.7	7.828	17.1	9.12	148.4	8.14	15.31	73.25	72.69	0.564	25.81	24.6	26.493	0
"2011-10-24	22:00:00"	12.4	156.9	9.22	18.3	10.06	155.1	9.53	15.31	70.96	70.48	0.488	29.99	28.82	26.499	0
"2011-10-24	23:00:00"	13.7	165.8	9.06	21.87	11.18	162.9	10.16	18.3	70.05	69.58	0.471	33.33	32.24	26.504	0
"2011-10-25	00:00:00"	18.18	171.3	7.026	26.65	14.78	169.4	8.73	22.47	70.4	70.05	0.352	36.75	35.69	26.495	0
"2011-10-25	01:00:00"	17.05	175.9	6.906	26.05	13.76	174.4	8.9	21.87	68.8	68.5	0.307	42.83	41.59	26.488	0
"2011-10-25	02:00:00"	12.44	181	7.905	18.3	10.18	180.3	10.02	15.91	67.03	66.74	0.288	48.75	47.51	26.487	0
"2011-10-25	03:00:00"	11.5	189.6	8.91	18.3	9.38	190.5	11.56	15.31	65.18	64.9	0.274	53.6	52.48	26.482	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-25	04:00:00"	10.64	193.3	8.44	17.1	8.57	195.9	10.99	13.52	63.75	63.44	0.308	57.74	56.77	26.476	0	0
"2011-10-25	05:00:00"	8.99	208.9	17.2	15.31	7.176	211	18.13	11.74	61.85	61.52	0.327	61.35	60.47	26.47	0	0
"2011-10-25	06:00:00"	7.216	218.4	12.04	11.14	5.678	223.2	13.04	9.35	60.17	59.78	0.387	63.96	63.05	26.465	0	0
"2011-10-25	07:00:00"	7.701	203.8	14.89	13.52	5.893	206.7	17.3	11.74	59.54	58.98	0.555	65.28	64.86	26.465	0	0
"2011-10-25	08:00:00"	7.327	199.5	10.29	9.95	5.674	203.7	12.38	8.16	57.85	57.55	0.301	67.46	66.71	26.462	0.3252	0
"2011-10-25	09:00:00"	6.646	228.1	18.98	10.54	5.391	230.9	20.62	9.95	57.98	57.68	0.305	68.33	67.82	26.473	53.15	0
"2011-10-25	10:00:00"	7.139	217.1	14.14	11.14	6.064	217.5	14.9	9.95	61.11	61.75	-0.638	62.33	59.96	26.487	206.07	0
"2011-10-25	11:00:00"	7.971	217.1	11.7	11.74	6.721	217.9	12.64	10.54	64.86	65.67	-0.814	53.63	50.68	26.493	237.06	0
"2011-10-25	12:00:00"	9.39	217.2	13.45	14.12	7.908	217.5	15.4	13.52	72.11	73.61	-1.498	40.86	37.81	26.486	578.79	0
"2011-10-25	13:00:00"	10.52	239.7	16.82	16.51	8.97	241.8	19.48	14.72	79.65	81.4	-1.729	31.04	28.1	26.471	667.83	0
"2011-10-25	14:00:00"	12.26	258	14.72	20.09	9.89	261.3	16.72	17.1	83.7	85.8	-2.146	27.13	24.08	26.441	713.55	0
"2011-10-25	15:00:00"	12.17	250.5	15.55	22.47	10.01	253.2	18.57	18.89	85.4	87.7	-2.259	24.39	21.34	26.411	671.28	0
"2011-10-25	16:00:00"	10.17	234.2	27.48	28.43	8.37	235.1	30.53	27.84	87.2	89.5	-2.313	22.81	19.79	26.381	578.04	0
"2011-10-25	17:00:00"	13.73	244.2	15.83	24.86	11.49	248	18.16	21.28	87.7	89.5	-1.838	20.13	17.49	26.358	448.62	0
"2011-10-25	18:00:00"	13.85	258.3	21.93	23.07	10.83	261.6	24.23	21.87	87.2	88.3	-1.11	19.48	17.24	26.345	212.22	0
"2011-10-25	19:00:00"	8.76	248.8	12.21	17.1	6.958	251.3	14.85	18.3	85.8	86.2	-0.352	21.85	19.95	26.343	70.614	0
"2011-10-25	20:00:00"	5.312	241.9	15.19	8.16	3.757	241.1	18.09	6.368	80.6	80	0.567	25.28	23.9	26.352	1.1865	0
"2011-10-25	21:00:00"	4.14	237.7	12.37	6.368	2.492	233	17.17	5.175	76.63	75.21	1.418	28.98	28.24	26.361	0	0
"2011-10-25	22:00:00"	8.4	257.3	13.84	18.3	6.036	259.2	15.5	16.51	74.47	73.07	1.401	32.32	31.96	26.364	0	0
"2011-10-25	23:00:00"	9.07	276.8	46.83	19.49	5.374	288.1	50.03	16.51	74.14	72.54	1.604	32.92	32.77	26.365	0	0
"2011-10-26	00:00:00"	12.61	171.8	7.881	23.07	10.07	168.5	10.11	17.1	73.03	72.19	0.838	36.57	35.98	26.378	0	0
"2011-10-26	01:00:00"	12.38	180.6	8.27	19.49	10.06	179.7	10.2	15.31	71.86	71.62	0.244	41.4	40.11	26.379	0	0
"2011-10-26	02:00:00"	8.49	186.3	8.79	12.33	6.845	188.2	11.11	11.14	69.76	69.58	0.178	46.59	45.13	26.373	0	0
"2011-10-26	03:00:00"	6.867	193	11.31	12.33	5.372	196.5	14.77	10.54	68.15	67.85	0.292	50.51	49.27	26.371	0	0
"2011-10-26	04:00:00"	6.633	204.7	10.12	8.75	4.813	206.1	12.2	6.964	66.1	65.39	0.704	53.67	52.94	26.366	0	0
"2011-10-26	05:00:00"	4.294	221.7	15.56	7.561	3.155	223.2	20.28	5.771	64.26	63.41	0.851	56.55	56.16	26.363	0	0
"2011-10-26	06:00:00"	4.439	226	20.07	7.561	3.197	230.3	26.91	5.771	62.91	61.98	0.928	58.6	58.38	26.361	0	0
"2011-10-26	07:00:00"	5.661	207	7.402	8.75	4.226	208.5	10.29	6.368	62.26	61.38	0.878	59.81	59.99	26.364	0	0
"2011-10-26	08:00:00"	5.895	275.5	30	9.95	3.443	286.7	30.52	6.368	61.92	61.04	0.881	60.05	59.35	26.378	0.3651	0
"2011-10-26	09:00:00"	5.512	269	19.78	8.16	3.161	272.9	23.34	5.175	61.28	59.64	1.642	61.63	62.94	26.385	29.16	0
"2011-10-26	10:00:00"	12.42	6.946	31.81	21.87	9.75	6.675	29.38	19.49	61.77	61.4	0.377	51.79	51.37	26.408	163.96	0
"2011-10-26	11:00:00"	17.43	32	9.87	23.07	14.32	31.59	13.02	20.68	59.71	60.76	-1.052	43.04	39.48	26.423	407.93	0
"2011-10-26	12:00:00"	15.45	39.29	11.61	21.28	12.89	38.06	13.58	19.49	61.67	63.35	-1.671	41.36	37.59	26.423	565.17	0
"2011-10-26	13:00:00"	13.96	43.43	12.68	20.68	11.72	42.23	14.28	18.3	65.3	67.22	-1.922	38.03	34.46	26.412	671.43	0
"2011-10-26	14:00:00"	12.28	50.7	15.31	17.7	10.53	50.06	16.77	16.51	68.59	70.57	-1.982	34.79	31.25	26.392	707.12	0
"2011-10-26	15:00:00"	11.19	67.22	15.47	17.1	9.36	67.69	18.45	14.72	71.36	73.3	-1.938	32.01	28.75	26.358	650.76	0
"2011-10-26	16:00:00"	11.8	76.16	14.31	18.89	9.79	76.05	17.71	15.31	73.45	75.36	-1.905	30.17	27.03	26.326	606.74	0
"2011-10-26	17:00:00"	12.14	85.6	11.91	20.68	9.78	86	14.88	15.31	74.38	76.52	-2.14	29.43	26.12	26.309	446.36	0
"2011-10-26	18:00:00"	14.18	78.09	9.76	19.49	11.26	77.79	12.37	16.51	73.68	75.26	-1.58	29.92	26.98	26.292	273.46	0
"2011-10-26	19:00:00"	14.68	76.9	7.812	20.09	11.54	75.84	10.35	16.51	72.31	72.91	-0.603	31.96	29.79	26.276	89.331	0
"2011-10-26	20:00:00"	14.35	74.06	8.93	23.66	11.13	72.79	11.05	18.89	68.62	68.59	0.035	36.64	35.08	26.28	1.1601	0
"2011-10-26	21:00:00"	19.59	81.6	7.393	32.61	15.14	81.2	10.55	27.24	64.74	64.74	0	41.89	40.2	26.276	0	0
"2011-10-26	22:00:00"	22.38	84.2	7.155	31.42	17.29	84	10.03	26.05	60.7	60.76	-0.066	47.15	45.38	26.279	0	0
"2011-10-26	23:00:00"	20.09	67.73	25.27	31.42	15.72	66.93	27.4	25.45	59.35	59.48	-0.133	49.18	47.65	26.317	0	0
"2011-10-27	00:00:00"	20.17	41.59	12.42	32.61	16.23	40.56	13.75	25.45	54.36	54.29	0.069	65.13	65	26.363	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-27	01:00:00"	22.4	44.92	7.869	33.21	18.25	43.9	9.51	27.84	51.01	50.95	0.058	73.96	73.81	26.377	0
"2011-10-27	02:00:00"	24.12	52.35	8.47	34.4	19.65	51.02	9.35	30.22	48.19	48.21	-0.025	77.08	76.22	26.349	0
"2011-10-27	03:00:00"	24.04	46.59	9.61	33.8	19.64	45.36	10.9	32.01	45.93	45.96	-0.036	79.95	78.99	26.352	0
"2011-10-27	04:00:00"	25.64	38.75	9.76	35.59	20.97	37.77	11.32	30.82	43.65	43.79	-0.133	80.5	79.1	26.366	0
"2011-10-27	05:00:00"	23.79	38.7	8.49	34.4	19.39	37.89	10.5	29.63	42.34	42.54	-0.204	79.35	77.84	26.391	0
"2011-10-27	06:00:00"	21.09	32.47	16.12	32.01	17.06	30.74	18.59	26.05	42.89	43.09	-0.196	79.46	77.91	26.404	0
"2011-10-27	07:00:00"	19.35	30.95	10.75	29.03	15.57	30.64	13.33	23.66	41.95	42.08	-0.13	80.7	79.67	26.428	0
"2011-10-27	08:00:00"	16.07	19.13	12.17	26.65	12.77	15.93	16.83	22.47	40.79	41.06	-0.263	83.5	82.9	26.468	0.38159
"2011-10-27	09:00:00"	17.92	26.35	8.44	24.86	14.65	25.48	12.91	23.66	39.72	39.99	-0.265	84.5	83.9	26.475	11.26
"2011-10-27	10:00:00"	13.45	27.12	8.05	21.87	11.01	26.33	11.85	19.49	39.72	40.06	-0.339	84.7	84.6	26.513	25.143
"2011-10-27	11:00:00"	13.83	11.79	14.67	20.09	11	9.32	19.03	18.3	39.84	40.22	-0.381	84.3	84.6	26.536	53.919
"2011-10-27	12:00:00"	15.33	11.48	13.92	20.68	12.13	7.399	18.52	18.3	39.06	39.58	-0.515	84	84.7	26.548	115
"2011-10-27	13:00:00"	15.76	4.343	11.23	20.68	12.24	358.4	15.09	18.89	39.1	39.56	-0.465	82.6	83.9	26.562	84.232
"2011-10-27	14:00:00"	16.86	10	10.03	25.45	13.32	5.773	15.66	21.87	39.08	39.48	-0.397	80.4	82.4	26.551	104.37
"2011-10-27	15:00:00"	16.79	21.28	9.19	23.66	13.38	19.44	14.15	19.49	39.65	40.15	-0.495	77.75	79.92	26.533	162.6
"2011-10-27	16:00:00"	15.5	21.89	8.62	22.47	12.5	20.16	14.13	19.49	40.27	40.92	-0.656	74.5	75.8	26.529	180.62
"2011-10-27	17:00:00"	13.88	19.64	8.69	18.3	11.13	17.45	14.09	16.51	41.16	41.77	-0.606	73.07	73.25	26.535	118.82
"2011-10-27	18:00:00"	10.86	29.62	9.35	15.91	9.09	28.86	12.73	14.12	42.35	43	-0.652	70.92	70.72	26.536	166.72
"2011-10-27	19:00:00"	9.96	25.97	11.79	14.12	8.13	24.29	14.94	13.52	42.89	43.29	-0.408	70.15	69.63	26.553	43.159
"2011-10-27	20:00:00"	8.32	16.62	9.85	12.33	6.646	13.62	14.9	10.54	42.92	43.09	-0.168	71.06	71.14	26.571	0.73784
"2011-10-27	21:00:00"	9.1	18.83	8.96	13.52	7.329	16.51	13.71	11.74	42.97	43.07	-0.097	70.71	70.71	26.581	0
"2011-10-27	22:00:00"	8.14	19.12	11.9	14.12	6.536	16.64	15.94	12.93	42.54	42.65	-0.113	69.94	69.96	26.59	0
"2011-10-27	23:00:00"	6.196	27.31	16.06	11.14	6.069	24.92	19.98	9.95	42.32	42.43	-0.114	70.4	70.14	26.599	0
"2011-10-28	00:00:00"	8.09	9.46	15.38	13.52	6.539	5.479	18.23	12.33	41.8	41.94	-0.136	70.15	69.93	26.603	0
"2011-10-28	01:00:00"	7.911	5.928	15.66	12.33	6.31	2.07	18.43	11.14	41.43	41.57	-0.142	70.52	70.17	26.603	0
"2011-10-28	02:00:00"	7	14.49	13.29	12.33	5.574	11.49	17.02	11.14	41.45	41.58	-0.123	71.34	71	26.604	0
"2011-10-28	03:00:00"	5.259	15.58	27.34	9.95	4.29	12.98	28.89	8.75	41.34	41.5	-0.152	71.19	70.83	26.606	0
"2011-10-28	04:00:00"	5.63	319.6	23.21	11.14	4.036	319.3	21.87	8.75	41.17	41.32	-0.14	70.81	70.35	26.613	0
"2011-10-28	05:00:00"	6.341	332.6	15.7	12.33	4.875	333.3	15.62	9.35	41.59	41.65	-0.065	69.84	69.49	26.608	0
"2011-10-28	06:00:00"	6.115	329.3	13.8	10.54	4.517	329.4	14.54	8.75	41.96	42.01	-0.042	69.24	69.03	26.606	0
"2011-10-28	07:00:00"	6.189	349.4	18.75	11.14	4.798	347.1	18.13	9.95	42.05	42.1	-0.054	69	68.77	26.618	0
"2011-10-28	08:00:00"	6.466	32.15	10.72	10.54	5.414	31.36	12.48	9.35	42.11	42.16	-0.052	69.45	69.16	26.634	0.12082
"2011-10-28	09:00:00"	5.753	20.97	16.68	9.95	4.616	18.49	19.48	8.16	42.64	42.87	-0.226	69.48	69.25	26.658	60.22
"2011-10-28	10:00:00"	4.874	8.33	24.22	9.35	4.053	7.647	25.79	6.964	44.85	45.76	-0.905	65.38	63.64	26.686	244.36
"2011-10-28	11:00:00"	6.269	8.19	25.55	11.74	5.212	5.596	28.35	10.54	47.72	49.39	-1.664	56.24	53.04	26.71	427.17
"2011-10-28	12:00:00"	8.73	23.11	17.83	14.72	7.436	22.05	20.83	13.52	49.16	50.82	-1.659	51.62	48.75	26.722	582.23
"2011-10-28	13:00:00"	9.06	17.29	18.52	15.31	7.585	14.2	22.33	15.31	51.11	53.1	-1.99	47.83	44.65	26.722	690.41
"2011-10-28	14:00:00"	8.68	23.89	21.59	14.72	7.444	22.38	24.89	13.52	53.2	55.42	-2.223	45.63	41.77	26.705	741.35
"2011-10-28	15:00:00"	5.76	34.86	54.16	13.52	4.923	31.83	58.4	11.74	55.91	58.25	-2.349	42.95	38.71	26.675	690.95
"2011-10-28	16:00:00"	4.576	258.9	73.49	11.14	3.99	251.6	75.47	9.95	58.26	60.71	-2.45	39.49	35.58	26.659	615.5
"2011-10-28	17:00:00"	4.352	59.44	87.1	9.95	3.761	65.55	88.5	9.35	58.98	62.05	-3.068	38.76	34.26	26.656	467.85
"2011-10-28	18:00:00"	5.307	338.9	37.7	9.95	4.295	337.2	38.42	8.16	58.53	61.27	-2.74	38.73	34.4	26.66	284.72
"2011-10-28	19:00:00"	5.748	10.53	22.42	9.95	4.684	6.946	25.03	9.35	57.24	58.29	-1.052	41.27	38.31	26.669	89.441
"2011-10-28	20:00:00"	5.403	55.56	7.684	6.368	3.238	53.64	9.25	4.578	52.9	52.52	0.375	49.37	48.27	26.678	1.2342
"2011-10-28	21:00:00"	5.886	72.72	5.07	6.964	3.261	64.41	5.822	4.578	50.29	48.34	1.951	50.48	56.35	26.686	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-28	22:00:00"	6.518	81	10.71	8.16	3.547	60.86	7.283	5.771	49.19	46.3	2.895	47.82	57.05	26.685	0	0
"2011-10-28	23:00:00"	7.142	116	8.29	9.95	3.218	96.9	21.35	5.771	48.37	44.27	4.093	42.05	56.9	26.683	0	0
"2011-10-29	00:00:00"	5.329	126.7	40.08	8.75	2.536	107.8	55.98	5.175	46.28	43.04	3.24	43.84	52.69	26.683	0	0
"2011-10-29	01:00:00"	2.928	267.8	31.29	4.578	2.312	298.9	23.49	3.386	44.51	42.36	2.153	48.63	54.27	26.677	0	0
"2011-10-29	02:00:00"	6.511	321.1	19.26	8.75	3.462	328.5	12.14	5.175	44.09	40.62	3.47	62.86	62.19	26.674	0	0
"2011-10-29	03:00:00"	7.458	352.1	8.19	8.75	3.922	355.8	11.33	5.175	42.55	38.78	3.772	76.61	76.08	26.677	0	0
"2011-10-29	04:00:00"	5.508	26.73	9.45	7.561	3.942	19.49	7.819	5.771	42.75	38.1	4.658	79.01	78.77	26.66	0	0
"2011-10-29	05:00:00"	4.048	75.75	20.59	5.771	3.015	59.03	13.3	4.578	41.72	38.21	3.511	81.2	80.5	26.641	0	0
"2011-10-29	06:00:00"	3.48	142.9	16.6	4.578	1.758	98.7	22.61	3.982	41.43	38.29	3.14	79.52	81.6	26.631	0	0
"2011-10-29	07:00:00"	3.367	164.1	8.75	5.175	1	117.9	13.77	1	40.36	37.49	2.864	71.22	81.6	26.626	0	0
"2011-10-29	08:00:00"	4.231	186.6	8.61	6.368	1.831	178.8	16.68	3.982	39.99	36.62	3.373	63.87	80.6	26.621	0.28563	0
"2011-10-29	09:00:00"	6.157	192.4	9.3	9.95	4.399	191.3	13.38	8.16	40.08	38.42	1.663	66.75	78.43	26.625	55.116	0
"2011-10-29	10:00:00"	8.35	200.2	8.93	11.74	6.914	203.3	12.43	11.14	42.15	42.48	-0.325	72.18	74.78	26.634	237.67	0
"2011-10-29	11:00:00"	13.44	192.9	10.03	18.89	11.11	193.7	13.48	17.1	48.1	49.02	-0.925	67.03	64.44	26.634	428.79	0
"2011-10-29	12:00:00"	14.48	193.7	11.68	20.68	12.02	194.7	15.42	18.3	52.16	53.73	-1.576	51.24	47.7	26.62	586.99	0
"2011-10-29	13:00:00"	14.92	191.4	13.58	24.26	12.44	191.7	17.26	21.87	55.11	56.88	-1.771	41.01	37.69	26.597	693.51	0
"2011-10-29	14:00:00"	15.02	198	13.59	22.47	12.5	198.7	16.35	20.09	58.24	60.21	-1.972	33.17	30.25	26.56	709.39	0
"2011-10-29	15:00:00"	15.33	199.8	12.83	27.24	12.68	202.3	16.49	23.66	60.65	62.56	-1.902	30.32	27.51	26.51	670.22	0
"2011-10-29	16:00:00"	14.75	201.2	12.8	21.87	12.15	202.2	15.72	20.09	62.84	64.64	-1.805	28.86	26.14	26.469	562.39	0
"2011-10-29	17:00:00"	15.29	203.6	12.91	26.05	12.66	204.8	15.07	20.68	63.71	65.32	-1.611	28.51	25.92	26.446	361.93	0
"2011-10-29	18:00:00"	12.85	205.7	11.8	20.09	10.6	207.7	14.38	18.3	64.69	65.73	-1.04	28.41	26.18	26.43	264.61	0
"2011-10-29	19:00:00"	11.29	198.5	7.524	18.89	9.14	200.3	10.87	15.91	65.19	65.59	-0.396	28.41	26.78	26.416	79.664	0
"2011-10-29	20:00:00"	10.36	198.2	8.11	14.72	7.918	200.8	10.56	11.74	60.39	60.08	0.312	32.48	31.59	26.413	0.78645	0
"2011-10-29	21:00:00"	8.8	203.3	7.742	12.93	6.442	207.1	10.37	11.14	57.25	56.54	0.713	35.37	34.95	26.419	0	0
"2011-10-29	22:00:00"	5.095	200.3	9.56	9.35	3.478	208.2	15.44	6.964	55.18	54.1	1.087	37.11	37.12	26.423	0	0
"2011-10-29	23:00:00"	8.23	202.9	10.16	11.74	5.93	207.7	13.53	9.95	54.02	52.67	1.35	38.21	38.73	26.426	0	0
"2011-10-30	00:00:00"	9.31	211.5	9.76	13.52	7.285	217.3	11.19	11.14	52.73	52.07	0.659	41.31	40.86	26.423	0	0
"2011-10-30	01:00:00"	8.07	221.4	10.79	11.74	6.714	220.9	10.25	9.95	51.18	50.71	0.47	43.68	42.84	26.422	0	0
"2011-10-30	02:00:00"	7.084	227.4	10.43	11.74	5.869	225.4	12.33	9.95	50.4	49.92	0.474	45.08	44.24	26.422	0	0
"2011-10-30	03:00:00"	7.251	237.9	11.19	9.95	5.646	242.1	13.18	8.75	49.19	48.58	0.616	47.53	47.06	26.419	0	0
"2011-10-30	04:00:00"	8.1	252.3	8.73	11.14	6.074	257.9	11.19	8.75	47.31	46.75	0.555	51.79	51.34	26.416	0	0
"2011-10-30	05:00:00"	8.53	256.8	8.18	11.74	6.651	264.7	9.85	9.35	46.47	45.86	0.61	54.74	54.51	26.407	0	0
"2011-10-30	06:00:00"	4.748	246.6	14.75	10.54	3.422	260.4	33.3	9.95	47.35	46.22	1.137	52.79	52.83	26.413	0	0
"2011-10-30	07:00:00"	7.299	295.5	12.48	11.14	3.697	296.9	16.43	6.368	45.67	43.59	2.073	60.6	61.19	26.424	0	0
"2011-10-30	08:00:00"	12.46	313.1	9.28	18.3	7.439	314	11.66	13.52	46.52	44.99	1.523	62.18	64.56	26.444	0.19446	0
"2011-10-30	09:00:00"	12.49	342.4	12.39	17.1	9.24	340.2	11.42	13.52	48.91	48.04	0.867	53.2	54.03	26.466	51.861	0
"2011-10-30	10:00:00"	15.96	13.16	13.47	26.05	12.6	9.72	16.63	22.47	52.43	52.65	-0.225	51.14	49.53	26.505	231.67	0
"2011-10-30	11:00:00"	24.17	37.21	8.02	33.21	19.57	36.33	10.17	28.43	57.05	57.66	-0.602	43.11	41.03	26.528	418.6	0
"2011-10-30	12:00:00"	19.84	46.85	9.91	29.03	16.32	45.14	11.23	26.05	61.06	62.12	-1.059	37.63	35.18	26.54	580.3	0
"2011-10-30	13:00:00"	16.33	38.72	11.29	24.86	13.5	37.68	13.45	22.47	63.05	64.58	-1.528	35.63	32.58	26.556	686.63	0
"2011-10-30	14:00:00"	12.78	39.13	14.91	20.68	10.87	37.78	17.42	18.3	65.2	66.9	-1.709	33.88	30.71	26.557	728.53	0
"2011-10-30	15:00:00"	9.13	31.59	18.86	16.51	7.763	29.29	23.05	15.31	67.97	69.89	-1.927	31.07	27.95	26.549	686.72	0
"2011-10-30	16:00:00"	10.19	28.46	16.39	17.1	8.65	27.33	20.25	16.51	69.1	71.08	-1.98	29.51	26.24	26.543	605.7	0
"2011-10-30	17:00:00"	10.7	33.98	16.64	16.51	9.01	33.38	19.16	14.72	69.07	71.02	-1.948	29.18	25.86	26.541	457.97	0
"2011-10-30	18:00:00"	10.65	33.02	12.7	17.1	8.82	31.48	15.43	15.31	68.73	70.23	-1.498	29.37	26.36	26.547	273.29	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-10-30	19:00:00"	9.38	32.67	8.82	14.12	7.498	31.11	11.81	11.74	67.13	67.45	-0.318	30.83	28.66	26.56	81.468	0
"2011-10-30	20:00:00"	8.08	24.33	3.703	9.95	4.747	11.22	10.01	6.368	61.15	59.58	1.574	36.41	36.1	26.583	0.95316	0
"2011-10-30	21:00:00"	8.38	32.48	5.38	12.33	4.923	19.49	10.58	7.561	56.77	53.61	3.158	42.39	45.55	26.599	0	0
"2011-10-30	22:00:00"	9.42	35.62	6.149	12.33	6.403	26.79	9.54	9.95	55.13	53.21	1.925	46.18	47.54	26.613	0	0
"2011-10-30	23:00:00"	7.674	41.7	8.63	11.14	5	25.41	14.04	8.75	52.88	50.54	2.344	51.45	53.1	26.625	0	0
"2011-10-31	00:00:00"	8.24	51.02	8.07	11.14	5.791	45.82	10.3	8.75	52.79	51.24	1.545	52.48	53.81	26.636	0	0
"2011-10-31	01:00:00"	7.321	64.65	6.412	9.35	4.347	54.26	6.847	6.368	51.03	49.34	1.689	56.06	56.24	26.629	0	0
"2011-10-31	02:00:00"	6.586	68.83	5.836	8.16	3.559	47.71	8.73	5.175	49.78	46.99	2.785	58.79	60.65	26.62	0	0
"2011-10-31	03:00:00"	6.523	80.9	7.723	8.16	3.536	54.44	9.08	5.175	48.71	45.44	3.279	61.09	64.41	26.612	0	0
"2011-10-31	04:00:00"	5.884	68.8	7.752	7.561	3.736	37.09	14.22	4.578	47.8	44.49	3.312	63.25	66.15	26.606	0	0
"2011-10-31	05:00:00"	5.344	65.63	7.184	6.368	3.511	25.25	9.12	4.578	47.12	42.76	4.366	65.38	69.05	26.592	0	0
"2011-10-31	06:00:00"	3.941	130.5	47.2	5.771	1.894	124.3	81.5	5.175	46.71	41.81	4.902	66.62	72.62	26.583	0	0
"2011-10-31	07:00:00"	1.778	24.38	64.15	3.982	3.3	344.4	24.74	4.578	44.78	42.08	2.698	68.01	73.43	26.584	0	0
"2011-10-31	08:00:00"	1.682	352.2	36.1	3.386	3.551	347.5	13.11	5.175	44.55	41.04	3.51	71.95	75.62	26.579	0.20697	0
"2011-10-31	09:00:00"	2.519	274.2	14.47	5.175	2.337	311.4	15.36	3.982	45.19	42.55	2.638	72.84	77.8	26.591	50.474	0
"2011-10-31	10:00:00"	3.213	251.4	58.82	6.368	2.1	260.8	64.57	4.578	49.9	49.02	0.877	66.13	72.49	26.616	230.92	0
"2011-10-31	11:00:00"	7.718	178.7	9.18	11.14	6.382	178.5	11.85	10.54	56.1	57.1	-1.004	51.64	50.18	26.617	421.28	0
"2011-10-31	12:00:00"	6.969	199.2	22.21	10.54	6.029	200	25.77	9.95	60.92	62.57	-1.643	43.08	39.61	26.611	578.9	0
"2011-10-31	13:00:00"	6.678	206.6	22.46	11.74	5.851	208.4	26.62	11.14	66	67.91	-1.917	35.74	32.46	26.595	685.37	0
"2011-10-31	14:00:00"	8.43	206.3	21.98	14.12	7.366	208.2	24.48	12.93	69.13	71.23	-2.094	30.54	27.29	26.565	727.85	0
"2011-10-31	15:00:00"	10.82	187.9	15.69	18.89	9.24	187.8	19.57	15.91	71.35	73.36	-2.01	25.67	22.85	26.521	689.09	0
"2011-10-31	16:00:00"	11.6	196	16.77	19.49	9.84	197.5	19.6	17.1	73.04	74.94	-1.902	22.14	19.51	26.492	607.81	0
"2011-10-31	17:00:00"	12.48	187.9	13.29	19.49	10.35	188.5	16.82	18.3	73.61	75.66	-2.057	20.02	17.46	26.476	461.84	0
"2011-10-31	18:00:00"	12.94	181.3	9.81	19.49	10.66	179.9	12.8	17.7	73.24	74.88	-1.64	19.74	17.37	26.461	277.33	0
"2011-10-31	19:00:00"	10.28	180.3	8.79	16.51	8.31	178.9	11.93	14.72	72.21	72.74	-0.533	20.28	18.47	26.453	83.507	0
"2011-10-31	20:00:00"	7.974	170.9	6.54	11.14	6.025	168.5	8.67	8.16	67.21	66.8	0.416	23.5	22.29	26.457	0.91916	0
"2011-10-31	21:00:00"	8.11	171.5	7.856	11.74	5.905	171	9.92	8.75	63.44	62.47	0.976	27.47	26.69	26.467	0	0
"2011-10-31	22:00:00"	10.61	172.8	6.249	15.31	7.975	169.5	8.07	12.33	62.22	61.13	1.093	32.11	31.52	26.47	0	0
"2011-10-31	23:00:00"	9.94	177.8	8.11	15.31	7.572	175.5	9.73	12.33	59.36	58.74	0.621	40.35	39.17	26.472	0	0
"2011-11-01	00:00:00"	8.73	185.3	8.74	12.93	6.701	186.4	12.14	10.54	57.5	56.82	0.685	50.66	49.69	26.475	0	0
"2011-11-01	01:00:00"	9.97	186	8.56	15.91	7.728	188.5	10.99	12.93	57.12	56.51	0.609	59.14	58.54	26.463	0	0
"2011-11-01	02:00:00"	9.14	184.3	8.57	13.52	7.167	185.8	10.92	11.74	56.08	55.61	0.467	64.04	63.3	26.454	0	0
"2011-11-01	03:00:00"	8.49	182.2	9.04	13.52	6.594	181.5	11.02	11.74	54.7	54.21	0.488	69.08	68.36	26.445	0	0
"2011-11-01	04:00:00"	7.593	184.5	9.4	11.74	5.781	185.6	11.68	9.35	53.04	52.52	0.518	73.11	72.41	26.437	0	0
"2011-11-01	05:00:00"	8.64	188.2	8.94	12.33	6.458	189.8	11.52	10.54	51.81	51.27	0.533	76.04	75.58	26.428	0	0
"2011-11-01	06:00:00"	8.41	194.3	7.688	13.52	6.307	198.3	10.56	9.95	51.03	50.45	0.585	78.43	78.19	26.422	0	0
"2011-11-01	07:00:00"	6.792	199.2	7.379	8.75	4.76	204.9	9.78	6.964	49.81	49.07	0.735	80	79.6	26.42	0	0
"2011-11-01	08:00:00"	6.428	206.2	8.5	8.75	4.702	213.7	11.72	6.964	49.45	48.68	0.762	81.9	81.8	26.421	0.16259	0
"2011-11-01	09:00:00"	6.048	225.1	12.53	9.35	4.629	232.6	15.07	7.561	49.88	49.37	0.515	83	83.2	26.43	49.066	0
"2011-11-01	10:00:00"	7.173	217.3	13.98	11.14	6.08	221	15.36	9.95	52.79	53.12	-0.327	80.5	79.77	26.446	227.81	0
"2011-11-01	11:00:00"	9.79	206.1	10.88	14.72	8.24	209.9	13.84	12.93	58.15	59.16	-1.008	67.2	63.87	26.449	415.44	0
"2011-11-01	12:00:00"	9.31	211.5	12.31	13.52	7.998	214	13.89	12.93	64.42	65.81	-1.395	49.44	45.73	26.441	571.12	0
"2011-11-01	13:00:00"	8.14	209	15.21	14.72	7.049	211.3	16.93	12.33	70.71	72.46	-1.742	36.3	33.17	26.425	674.23	0
"2011-11-01	14:00:00"	9.51	203.4	16.77	17.1	8.03	206.4	19.7	15.31	75.83	77.78	-1.957	27.92	25.01	26.396	713.63	0
"2011-11-01	15:00:00"	11.76	208.5	14.65	18.3	9.99	209.7	16.44	16.51	78.74	80.6	-1.908	23.28	20.52	26.364	669.67	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2011-11-01	16:00:00"	11.71	205.1	17.67	18.89	9.85	205.6	19.24	18.3	80.6	82.4	-1.776	21.42	18.84	26.34	590.77	0
"2011-11-01	17:00:00"	13.72	193.2	11.54	21.28	11.38	193.9	14.94	19.49	81.2	83.2	-1.961	20.73	18.15	26.323	445.28	0
"2011-11-01	18:00:00"	15.09	190.4	9.79	21.28	12.31	190.7	12.97	18.89	81.3	82.6	-1.285	20.18	17.94	26.311	264.85	0
"2011-11-01	19:00:00"	12.56	177.3	11.64	20.09	10.12	175.9	14.19	16.51	80.2	80.5	-0.271	22.56	20.81	26.303	76.557	0
"2011-11-01	20:00:00"	13.23	159.4	9.37	19.49	10.99	156.9	9.26	17.1	75.03	74.78	0.243	29.68	28.33	26.305	0.75246	0
"2011-11-01	21:00:00"	14.85	156.5	8.4	21.28	12.56	154.3	8.49	18.3	70.78	70.54	0.25	34.77	33.54	26.313	0	0
"2011-11-01	22:00:00"	14.9	157.8	9.09	21.87	12.52	155.6	9.05	20.09	67.77	67.53	0.242	40.71	39.44	26.315	0	0
"2011-11-01	23:00:00"	16.81	170.4	8.25	23.66	13.65	168.1	9.97	20.68	65.93	65.63	0.306	48.73	47.6	26.312	0	0
"2011-11-02	00:00:00"	16.16	178.8	6.859	23.66	13.03	177.9	9.43	20.68	64.15	63.84	0.313	53.12	52.1	26.321	0	0
"2011-11-02	01:00:00"	13.04	184.3	9.29	19.49	10.4	184.4	12.06	16.51	62.41	62.14	0.275	57.07	56.03	26.321	0	0
"2011-11-02	02:00:00"	10.64	192.7	8.23	15.91	8.47	194.9	10.58	15.31	60.43	60.17	0.262	60.58	59.69	26.321	0	0
"2011-11-02	03:00:00"	8.44	187.2	10.19	13.52	6.661	188.8	12.21	10.54	58.25	57.88	0.369	64.44	63.62	26.317	0	0
"2011-11-02	04:00:00"	8.12	193.2	10.03	11.74	6.307	196.2	12.27	9.95	56.54	56.1	0.433	67.33	66.72	26.313	0	0
"2011-11-02	05:00:00"	7.933	196.8	8.06	11.74	6.062	200	10.82	10.54	54.83	54.31	0.529	70.56	70.09	26.316	0	0
"2011-11-02	06:00:00"	7.986	199.9	9.93	11.74	6.122	202.7	13.05	9.35	53.88	53.2	0.681	72.99	72.99	26.321	0	0
"2011-11-02	07:00:00"	7.413	197.9	7.953	10.54	5.546	200.2	10.14	8.16	52.44	51.83	0.615	75.35	75.07	26.323	0	0
"2011-11-02	08:00:00"	8.6	189.8	7.903	13.52	6.658	191.1	9.92	11.14	51.21	50.59	0.614	77.53	77.47	26.326	0.12357	0
"2011-11-02	09:00:00"	7.486	206.2	15.83	11.74	5.744	208.5	16.77	9.35	50.63	50.21	0.417	79.42	79.44	26.349	47.058	0
"2011-11-02	10:00:00"	6.238	232.3	17.79	11.14	5.344	235.9	20.9	9.35	53.45	53.89	-0.437	76.22	75.04	26.389	228.62	0
"2011-11-02	11:00:00"	7.518	231.2	19.88	12.33	6.442	231.7	21.83	11.74	59.66	60.58	-0.924	61.17	58.04	26.408	421.16	0
"2011-11-02	12:00:00"	19.74	332.9	61.92	35.59	15.63	329.3	61.14	31.42	64.2	65.26	-1.063	40.47	37.24	26.447	567.5	0
"2011-11-02	13:00:00"	27.09	11.06	10.37	40.36	21.36	6.759	18.03	33.8	57.38	58.86	-1.484	42.84	38.75	26.507	660.36	0
"2011-11-02	14:00:00"	28.65	5.552	13.59	45.73	22.35	1.106	17.34	38.57	57.29	59.02	-1.729	38.7	35.17	26.535	693.91	0
"2011-11-02	15:00:00"	31.41	1.557	14.45	43.35	24.24	356.9	18.6	37.38	56.48	58.15	-1.673	35.7	32.32	26.555	649.95	0
"2011-11-02	16:00:00"	30.53	7.149	12.77	43.35	23.92	2.861	18.66	35.59	54.63	55.99	-1.365	34.69	31.52	26.589	547.64	0
"2011-11-02	17:00:00"	29.09	9.66	12.22	41.56	22.68	5.9	18.15	34.4	53.37	54.51	-1.14	33.15	30.36	26.619	388.55	0
"2011-11-02	18:00:00"	27.91	13.25	10.42	40.96	21.67	9.63	16.33	32.61	51.92	52.58	-0.654	32.97	30.54	26.651	198.8	0
"2011-11-02	19:00:00"	24.28	20.13	7.657	37.38	19.06	17.91	13.52	32.01	48.74	48.86	-0.117	35.99	34	26.692	46.929	0
"2011-11-02	20:00:00"	19.68	26.52	8.13	29.03	15.81	25.32	11.62	25.45	45.85	45.77	0.08	39.41	37.71	26.733	0.62323	0
"2011-11-02	21:00:00"	19.5	24.34	8.29	32.61	15.48	23.34	13.09	25.45	44.03	43.9	0.127	41.14	39.32	26.775	0	0
"2011-11-02	22:00:00"	12.89	30.67	9.23	23.07	10.31	30.07	12.35	19.49	41.55	41.34	0.212	44.97	43.12	26.796	0	0
"2011-11-02	23:00:00"	13.4	33.8	8.84	23.66	10.79	33.06	10.92	19.49	39.73	39.49	0.238	49.11	47.4	26.812	0	0
"2011-11-03	00:00:00"	14.66	30.31	7.068	23.07	11.86	29.39	10.29	20.68	38.46	38.22	0.234	51.55	49.84	26.823	0	0
"2011-11-03	01:00:00"	7.52	22.22	7.776	12.93	5.603	19.52	13.25	11.14	36.52	36.08	0.44	54.4	53	26.831	0	0
"2011-11-03	02:00:00"	7.074	337.1	21.34	11.14	4.311	325.6	23.44	7.561	33.75	32.59	1.151	59.52	57.93	26.819	0	0
"2011-11-03	03:00:00"	7.896	329.9	6.95	10.54	4.78	326.3	9.78	7.561	32.12	30.29	1.828	64.66	64.77	26.811	0	0
"2011-11-03	04:00:00"	8.15	325.1	8.29	11.14	4.287	320.5	10.04	6.368	30.05	28.21	1.842	68.32	67.52	26.803	0	0
"2011-11-03	05:00:00"	8.4	308.4	6.527	9.95	3.977	310.8	9.66	6.964	29.21	27.13	2.081	71.23	71.33	26.804	0	0
"2011-11-03	06:00:00"	8.56	322.3	6.486	9.95	4.693	322.6	9.66	6.368	28.48	26.76	1.716	71.89	72.89	26.804	0	0
"2011-11-03	07:00:00"	8.81	336.8	6.171	10.54	5.116	336.7	8.13	6.964	29.18	26.93	2.243	71.92	74.33	26.801	0	0
"2011-11-03	08:00:00"	8.49	332.5	6.943	10.54	4.911	333.1	9.33	6.964	29.08	27.09	1.99	72.21	74.58	26.798	0.16527	0
"2011-11-03	09:00:00"	8.29	322.2	6.231	10.54	4.97	322.3	8.68	7.561	29.53	28.13	1.399	71.47	75.06	26.814	49.596	0
"2011-11-03	10:00:00"	8.09	312.8	11.02	11.14	5.528	313.9	12.9	9.95	35.31	35.92	-0.616	65.65	65.41	26.838	231.39	0
"2011-11-03	11:00:00"	7.567	297.8	24.1	11.74	5.405	298.9	26.67	11.14	40.9	42.28	-1.374	48.71	45.43	26.843	418.62	0
"2011-11-03	12:00:00"	4.192	265.9	41.88	8.75	3.614	267.1	46.34	9.35	46.17	48.23	-2.061	33.92	30.82	26.828	573.76	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-03	13:00:00"	3.991	202.1	66.8	9.95	3.589	202.5	70.97	10.54	49.61	51.98	-2.367	28.06	24.68	26.804	679.48	0	
"2011-11-03	14:00:00"	3.89	113.9	77.92	9.95	3.68	102.5	82	9.35	53.47	55.92	-2.456	23.86	20.51	26.77	715.31	0	
"2011-11-03	15:00:00"	5.631	226.4	35.88	11.14	4.855	227.8	38.86	11.14	54.52	57.22	-2.7	21.06	17.77	26.735	677.44	0	
"2011-11-03	16:00:00"	7.357	185.7	28.24	15.91	6.373	187.1	30.96	14.12	55.06	57.51	-2.451	20.06	16.97	26.701	598.62	0	
"2011-11-03	17:00:00"	6.343	181.1	27.13	11.74	5.511	182	31.2	11.14	55.63	58.38	-2.755	20.57	17.24	26.673	449.45	0	
"2011-11-03	18:00:00"	8.35	160.4	20.08	15.91	7.089	159.8	21.69	12.93	55.03	57.36	-2.336	20.66	17.54	26.655	265.06	0	
"2011-11-03	19:00:00"	8.19	142.4	11.92	12.93	6.807	142.2	12.7	11.74	53.51	54.35	-0.84	21.72	19.51	26.638	75.06	0	
"2011-11-03	20:00:00"	5.032	156.7	15.93	7.561	3.454	157.6	23.94	6.368	49.9	49.46	0.433	24.46	22.97	26.629	0.59535	0	
"2011-11-03	21:00:00"	5.312	163	10.59	8.75	3.741	163.7	16.19	6.964	47.42	46.52	0.899	25.96	25.32	26.629	0	0	
"2011-11-03	22:00:00"	7.853	169.6	7.97	11.74	6.069	167.3	9.8	10.54	46.4	45.69	0.704	26.31	25.64	26.627	0	0	
"2011-11-03	23:00:00"	6.541	159.1	10.15	9.95	4.897	155.7	11.46	8.16	44.26	43.72	0.541	28.19	27.28	26.627	0	0	
"2011-11-04	00:00:00"	7.19	158.5	7.793	10.54	5.594	154.6	7.942	8.75	42.92	42.42	0.5	29.95	29.07	26.616	0	0	
"2011-11-04	01:00:00"	8.01	151.8	7.91	11.14	6.146	148.4	8.11	10.54	42.28	41.78	0.507	30.66	29.79	26.595	0	0	
"2011-11-04	02:00:00"	8.44	156.1	8.28	12.33	6.639	153.8	8.35	9.95	41.8	41.22	0.579	30.81	30.11	26.584	0	0	
"2011-11-04	03:00:00"	8.53	147.7	7.495	12.93	6.633	146.4	7.167	9.95	41.76	41.26	0.498	30.37	29.58	26.574	0	0	
"2011-11-04	04:00:00"	9.72	139.8	6.898	13.52	7.458	139.3	7.359	10.54	41.17	40.73	0.45	31.65	30.75	26.558	0	0	
"2011-11-04	05:00:00"	8.45	131.6	9.8	12.33	6.178	130.2	11.3	9.95	40.2	39.72	0.479	32.47	31.57	26.545	0	0	
"2011-11-04	06:00:00"	7.271	117.7	7.139	9.95	4.576	114.2	10.32	6.964	37.53	36.83	0.707	35.08	34.29	26.524	0	0	
"2011-11-04	07:00:00"	7.355	111.3	19.2	10.54	5.054	103	27.75	7.561	36.99	36.21	0.786	36.33	35.9	26.517	0	0	
"2011-11-04	08:00:00"	7.586	94.5	7.303	9.95	4.625	82.5	11.79	7.561	35.36	34.27	1.093	38.64	38.59	26.512	0.1066	0	
"2011-11-04	09:00:00"	7.409	109.2	12.71	9.95	4.99	103.5	16.03	7.561	35.19	34.43	0.757	40.01	40.07	26.515	33.525	0	
"2011-11-04	10:00:00"	10.09	147.4	14.2	16.51	8.51	146	13.65	14.12	41.23	41.41	-0.175	33.79	32.56	26.53	185.43	0	
"2011-11-04	11:00:00"	13.88	165.9	10.53	20.68	11.7	163.5	11.64	18.3	47.51	48.26	-0.751	27.11	25.11	26.533	369.71	0	
"2011-11-04	12:00:00"	13.9	168.8	11.04	18.89	11.66	167	13	17.1	52.03	53.29	-1.267	23.42	21.14	26.523	519.75	0	
"2011-11-04	13:00:00"	12.92	157.9	14.02	18.89	11.08	156.3	14.33	17.1	56.04	57.46	-1.426	21.07	18.7	26.501	623.12	0	
"2011-11-04	14:00:00"	13.09	154.7	13	19.49	11.22	152.3	13.21	17.1	60.21	61.69	-1.482	19.71	17.34	26.466	661.07	0	
"2011-11-04	15:00:00"	13.13	162.2	13.17	20.09	11.23	160.3	14.96	18.89	63.95	65.43	-1.472	18.46	16.15	26.43	626.61	0	
"2011-11-04	16:00:00"	13.47	153.6	13.83	23.66	11.43	152.6	14.04	24.26	65.74	67.2	-1.459	18.07	15.8	26.4	546.56	0	
"2011-11-04	17:00:00"	13.15	168.2	11.84	18.89	11.15	166.6	13.74	16.51	66.22	67.18	-0.961	19.46	17.38	26.383	404.66	0	
"2011-11-04	18:00:00"	12.42	150.1	13.61	17.7	10.51	149	13.41	15.91	65.41	65.83	-0.425	20.53	18.74	26.367	224.17	0	
"2011-11-04	19:00:00"	10.48	140.1	11.15	17.1	8.42	140	11.47	14.12	63.66	63.5	0.16	21.83	20.41	26.358	44.658	0	
"2011-11-04	20:00:00"	9.03	122	6.881	12.93	6.461	121.4	8.94	11.14	59.43	58.69	0.74	24.47	23.5	26.358	0.37836	0	
"2011-11-04	21:00:00"	9.88	118.4	11.08	14.72	7.118	117.6	13.71	11.74	56.97	56.26	0.718	26.66	25.77	26.363	0	0	
"2011-11-04	22:00:00"	9.6	125.4	10.71	14.12	7.059	123.5	12.78	11.74	53.71	53.04	0.671	28.75	27.93	26.356	0	0	
"2011-11-04	23:00:00"	11.27	134.8	7.727	17.7	8.72	134.9	8.33	14.12	53	52.52	0.483	28.3	27.29	26.355	0	0	
"2011-11-05	00:00:00"	9.23	138.9	10.98	14.72	7.258	138.3	11.02	12.33	50.8	50.39	0.412	30.14	29.12	26.342	0	0	
"2011-11-05	01:00:00"	9.85	153.8	11.71	15.31	7.979	153.2	12.26	14.72	49.79	49.58	0.207	31.36	30.16	26.319	0	0	
"2011-11-05	02:00:00"	10.45	161.1	10.74	14.72	8.6	159.7	11.11	13.52	49.29	49.08	0.207	31.8	30.61	26.303	0	0	
"2011-11-05	03:00:00"	13.42	161.3	10.36	21.87	11.18	159.9	10.96	18.89	49.19	49	0.191	31.18	29.92	26.283	0	0	
"2011-11-05	04:00:00"	12.36	164.9	10.48	21.28	10.23	163.5	11.59	17.7	49.05	48.84	0.21	31.09	29.87	26.263	0	0	
"2011-11-05	05:00:00"	9.91	170.1	7.776	13.52	7.976	168.3	9.28	14.72	48.58	48.26	0.317	31.85	30.77	26.24	0	0	
"2011-11-05	06:00:00"	7.279	180.7	14.04	11.14	5.714	180.2	16.79	9.95	47.48	47.06	0.416	33.51	32.6	26.227	0	0	
"2011-11-05	07:00:00"	6.044	163.9	10.66	10.54	4.728	162.2	11.65	8.16	46.76	46.4	0.365	34.54	33.65	26.207	0	0	
"2011-11-05	08:00:00"	7.963	178.6	9.43	11.74	6.153	177.7	12.38	9.95	46.26	45.81	0.453	35.35	34.59	26.201	0.02062	0	
"2011-11-05	09:00:00"	8.04	179.1	9.7	11.74	6.118	179.4	11.56	9.35	45.78	45.25	0.528	36.28	35.56	26.206	8.1101	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-11-05	10:00:00"	9.68	180.1	8.23	21.28	7.648	178.9	10.81	17.1	46.67	46.51	0.157	36.19	35.23	26.207	175.62	0
"2011-11-05	11:00:00"	16.72	181.2	7.99	23.66	13.54	180.2	11.18	21.28	53.38	53.65	-0.275	31.18	29.62	26.217	399.87	0
"2011-11-05	12:00:00"	16.3	180.6	8.65	24.26	13.39	178.8	11.51	19.49	59.2	60.13	-0.93	27.57	25.55	26.215	552.64	0
"2011-11-05	13:00:00"	19.47	181.1	7.943	26.65	15.72	180.6	11.31	24.26	65.36	66.39	-1.024	23.67	21.58	26.192	659.48	0
"2011-11-05	14:00:00"	19.12	191.8	11.79	26.65	15.45	192.3	14.77	23.07	70.02	71.03	-1.005	20.24	18.15	26.173	693.01	0
"2011-11-05	15:00:00"	21.52	204.3	14.07	34.4	17.52	205.9	16.54	32.01	73.74	74.67	-0.932	16.96	14.98	26.146	643.62	0
"2011-11-05	16:00:00"	22.43	233.9	16.07	39.77	18.82	234.9	18.23	36.19	77.22	77.77	-0.548	14.97	13.14	26.123	556.55	0
"2011-11-05	17:00:00"	22.01	252	10.43	35.59	17.67	256.7	14.11	29.63	77.35	77.94	-0.594	18.56	16.67	26.126	379.71	0
"2011-11-05	18:00:00"	22.66	277.5	13.24	30.22	15.98	280.9	14.4	27.24	74.22	74.55	-0.333	24.31	22.54	26.143	183.81	0
"2011-11-05	19:00:00"	20.25	289	8.92	29.63	12.39	291.9	11.58	24.86	69.38	69.24	0.138	28.24	26.87	26.17	42.394	0
"2011-11-05	20:00:00"	16.84	282.6	7.496	26.65	11.97	286.3	10.16	21.28	64.73	64.34	0.399	30.92	29.81	26.196	0.43764	0
"2011-11-05	21:00:00"	15.91	283.4	8.66	24.86	10.74	286.4	10.8	21.87	61.99	61.5	0.494	32.53	31.55	26.222	0	0
"2011-11-05	22:00:00"	11.05	277.3	13.8	21.28	7.486	279.9	15.78	15.31	59.78	59.15	0.624	34.04	33.21	26.249	0	0
"2011-11-05	23:00:00"	9.81	227.7	28.67	18.3	7.899	228.2	30.49	15.31	58.29	57.84	0.452	35.21	34.27	26.268	0	0
"2011-11-06	00:00:00"	12.35	230.9	12.97	18.89	10.49	232.1	14.9	19.49	56.63	56.45	0.181	35.86	34.64	26.281	0	0
"2011-11-06	01:00:00"	10.69	207.8	20.06	18.3	8.45	208.8	21.22	17.7	54.32	53.81	0.51	36.38	35.51	26.298	0	0
"2011-11-06	02:00:00"	11.83	205	9.74	18.3	9.19	205.3	11.65	15.31	52.57	51.99	0.584	39.46	38.67	26.312	0	0
"2011-11-06	03:00:00"	6.508	205.6	20.82	12.33	4.948	209.2	24.41	9.35	48.56	48.04	0.524	47.61	46.73	26.317	0	0
"2011-11-06	04:00:00"	6.901	198.8	18.05	10.54	5.457	197.9	20.06	8.16	45.67	45.19	0.478	51.91	51.1	26.319	0	0
"2011-11-06	05:00:00"	7.338	212.8	14.36	12.33	5.675	212.9	14.93	9.95	44.5	44.04	0.462	52.41	51.62	26.326	0	0
"2011-11-06	06:00:00"	7.235	217.9	13.59	11.74	5.681	220.1	14.92	8.75	44.37	43.95	0.419	52.21	51.4	26.331	0	0
"2011-11-06	07:00:00"	5.272	228.8	12.88	9.35	3.956	224.2	15.49	8.16	44.23	43.61	0.628	52.42	51.86	26.343	0	0
"2011-11-06	08:00:00"	3.541	186.3	37.89	6.368	2.469	146	71.93	5.175	42.82	40.58	2.24	54.88	56.67	26.358	0.068	0
"2011-11-06	09:00:00"	2.034	215.5	39.86	4.578	1.068	8.9	50.82	2.789	43.2	40.48	2.724	54.35	57.42	26.383	40.754	0
"2011-11-06	10:00:00"	2.286	280.5	63.68	5.175	1.622	284.3	66.89	4.578	46.7	46.76	-0.068	49.14	47.77	26.419	208.56	0
"2011-11-06	11:00:00"	4.259	231.3	21.9	9.35	3.59	232.8	27.76	8.16	52.13	52.41	-0.282	41.19	39.63	26.432	388.67	0
"2011-11-06	12:00:00"	8.77	244.6	15.55	17.1	7.5	245.9	18.1	16.51	58.34	58.94	-0.599	35.08	33.2	26.431	539.67	0
"2011-11-06	13:00:00"	10.42	253.9	13.9	18.89	8.58	257.8	16.74	17.1	62.72	63.63	-0.912	33.58	31.39	26.42	642.62	0
"2011-11-06	14:00:00"	10.19	228.6	21.14	18.89	8.71	231.1	24.1	18.3	64.69	65.53	-0.846	32.29	30.16	26.393	682.39	0
"2011-11-06	15:00:00"	11.6	211.6	19.79	23.07	9.76	212.9	21.99	20.09	66.5	67.83	-1.322	30.22	27.71	26.36	642.83	0
"2011-11-06	16:00:00"	13.91	219	17.17	23.66	11.67	219.9	18.65	23.07	68.15	69.2	-1.05	28.21	25.93	26.339	554.2	0
"2011-11-06	17:00:00"	13.41	212.8	15.94	22.47	11.18	213.2	17.12	19.49	68.94	69.77	-0.832	26.4	24.29	26.334	433.72	0
"2011-11-06	18:00:00"	13.83	215.9	14.6	22.47	11.73	216.6	15.99	21.87	69.14	69.56	-0.417	25.28	23.43	26.334	250.9	0
"2011-11-06	19:00:00"	8.88	204	12.16	17.1	7.232	206.2	14.59	15.31	67.71	67.58	0.126	27.29	25.88	26.343	63.116	0
"2011-11-06	20:00:00"	9.76	179.9	9.28	15.91	7.41	180.1	12.5	13.52	64.17	63.46	0.71	30.53	29.61	26.357	0.54954	0
"2011-11-06	21:00:00"	7.757	165.9	12.42	12.93	5.546	164.4	16.19	9.35	62.72	61.47	1.251	32.28	31.89	26.369	0	0
"2011-11-06	22:00:00"	8.73	146.9	10.2	11.74	5.87	143.1	11.46	8.75	62.39	60.5	1.889	32.63	32.94	26.372	0	0
"2011-11-06	23:00:00"	8.34	113.6	9.17	10.54	4.078	86.7	20.22	6.368	59.42	56.27	3.144	35.29	36.31	26.378	0	0
"2011-11-07	00:00:00"	10.03	105.6	4.253	11.74	4.924	85.3	10.8	6.964	58.74	53.06	5.683	36.83	39.94	26.372	0	0
"2011-11-07	01:00:00"	8.43	102	6.936	11.14	4.363	86.6	10.12	6.368	57.16	53.34	3.829	43.33	45.46	26.36	0	0
"2011-11-07	01:00:00"	7.563	92.9	17.57	10.54	4.336	72.31	15.9	6.368	55.7	52.13	3.573	52.15	52.89	26.352	0	0
"2011-11-07	02:00:00"	5.247	53.99	9.34	7.561	4.39	17.27	13.62	5.771	54.7	50.53	4.17	53.95	53.23	26.339	0	0
"2011-11-07	03:00:00"	6.431	81.3	19.51	9.35	4.216	52.75	31.64	5.771	54.24	49.08	5.153	61.06	59.32	26.324	0	0
"2011-11-07	04:00:00"	8.39	112.1	21	17.7	5.86	105.7	24.43	15.31	53.32	51.47	1.847	67.58	68.07	26.308	0	0
"2011-11-07	05:00:00"	15.92	168.8	9.09	24.26	13.06	166	9.97	20.68	59.3	58.9	0.398	82.9	83.2	26.3	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-07	06:00:00"	17.84	176.1	6.54	28.43	14.31	173.8	8.97	24.26	60.35	60.26	0.085	84.2	83.5	26.299	0
"2011-11-07	07:00:00"	11.44	200.3	31.5	18.89	9.16	201.4	33.79	15.91	58.1	57.99	0.101	84.5	83.6	26.309	0
"2011-11-07	08:00:00"	6.817	243.8	30.3	12.33	5.408	248.8	31.13	10.54	54.27	54.42	-0.154	84.4	83.5	26.326	13.841
"2011-11-07	09:00:00"	5.929	187.2	10.07	9.95	4.641	185.8	12.2	8.75	55.04	55.34	-0.296	86.6	85.9	26.333	188.75
"2011-11-07	10:00:00"	7.724	186	11.8	13.52	6.418	185.2	14.35	11.14	59.21	60.17	-0.953	77.75	74.28	26.34	383.09
"2011-11-07	11:00:00"	7.669	184.2	17.62	13.52	6.449	184.3	21.66	11.74	63.84	64.73	-0.891	52.39	49.76	26.343	536.14
"2011-11-07	12:00:00"	7.456	170.8	23.75	14.12	6.292	170.3	26.78	12.33	67.57	68.58	-1.011	36.32	34.08	26.329	641.35
"2011-11-07	13:00:00"	10.78	185.6	21.71	21.87	9.04	186.2	26.21	17.7	70.24	71.45	-1.204	29.62	27.37	26.295	683.64
"2011-11-07	14:00:00"	12.36	207.2	21.96	20.09	10.37	208	24.87	18.3	72.07	73.32	-1.246	24.16	21.96	26.266	644.72
"2011-11-07	15:00:00"	13.82	210.5	19	24.26	11.5	210.8	20.13	22.47	73.11	74.2	-1.094	20.56	18.53	26.247	568.5
"2011-11-07	16:00:00"	14.58	214.7	17.26	27.24	12.2	217	18.59	21.28	73.6	74.39	-0.796	19.27	17.38	26.241	425.89
"2011-11-07	17:00:00"	12.42	214.1	15.16	26.05	10.24	214.9	16.6	21.28	73.81	74.16	-0.357	18.06	16.41	26.237	241.85
"2011-11-07	18:00:00"	8.55	190.5	19.14	15.91	6.653	190.7	21.63	14.12	72.64	72.19	0.447	17.74	16.66	26.235	63.589
"2011-11-07	19:00:00"	5.348	130.3	13.66	7.561	2.161	86.9	44.67	5.175	68.03	64.03	3.995	19.99	22.08	26.233	0.38789
"2011-11-07	20:00:00"	3.868	136.9	61.6	13.52	3.429	10.58	43.75	8.16	66.89	61.28	5.609	20.43	23.63	26.242	0
"2011-11-07	21:00:00"	10.4	327.4	6.487	14.12	6.696	327.1	8.79	11.14	65.18	63.57	1.611	24.46	24.31	26.254	0
"2011-11-07	22:00:00"	10.88	316.3	7.514	14.72	7.075	317.8	9.62	11.74	62.96	62.34	0.622	27.48	26.61	26.266	0
"2011-11-07	23:00:00"	5.014	319.1	36.87	11.14	2.983	327.1	52.14	8.16	61.32	60.55	0.768	29.88	29.49	26.304	0
"2011-11-08	00:00:00"	14.46	303.8	10.71	25.45	8.51	305.9	12.26	17.1	60.65	59.99	0.655	29.41	28.99	26.316	0
"2011-11-08	01:00:00"	15.59	309.7	7.586	25.45	9.3	311.3	9.97	17.1	56.84	56.33	0.51	28.15	27.23	26.318	0
"2011-11-08	02:00:00"	15.83	303.9	7.68	25.45	8.89	306	10.28	15.31	54.34	53.8	0.539	30.47	29.58	26.324	0
"2011-11-08	03:00:00"	14.96	296.5	8.26	23.66	8.38	299.2	10.32	14.72	51.7	51.17	0.53	32.15	31.31	26.328	0
"2011-11-08	04:00:00"	19.16	288	6.749	32.01	11.56	291.2	9.38	23.07	49.16	48.75	0.411	33.73	32.82	26.34	0
"2011-11-08	05:00:00"	12.97	286.8	6.87	19.49	7.812	290.4	9.43	14.72	45.76	45.01	0.755	37.36	36.93	26.354	0
"2011-11-08	06:00:00"	7.942	288	10.3	15.31	4.512	289.5	12.25	8.75	42.41	41.44	0.971	42.18	42.08	26.365	0
"2011-11-08	07:00:00"	5.655	281.5	13.67	8.75	3.315	284.1	16.64	8.16	41.96	40.39	1.568	39.14	40.42	26.388	0.01228
"2011-11-08	08:00:00"	5.353	273.5	19.19	8.75	3.079	270.6	29.63	6.368	41.58	40.17	1.412	37.14	37.85	26.415	38.355
"2011-11-08	09:00:00"	5.871	239.2	20.11	12.33	4.954	239.9	23.53	10.54	42.89	43.06	-0.167	36.12	34.92	26.447	217.37
"2011-11-08	10:00:00"	10.38	273.3	13.87	23.07	7.807	276.1	15.4	17.7	46.41	47.44	-1.036	30.41	28.35	26.458	402.61
"2011-11-08	11:00:00"	20.11	288.7	10.21	29.63	12.85	291.6	12.05	24.26	51.67	52.9	-1.226	24.8	22.58	26.462	555.91
"2011-11-08	12:00:00"	16.62	289.6	14.37	26.05	11.06	291.6	16.15	20.68	53.08	54.89	-1.817	23.17	20.65	26.473	656.84
"2011-11-08	13:00:00"	17.65	284.7	13.04	28.43	12.24	287.1	15.18	24.26	54.52	56.41	-1.893	20.91	18.41	26.464	696.94
"2011-11-08	14:00:00"	17.82	293.4	14.11	27.24	11.8	295.3	15.59	22.47	55.84	57.96	-2.117	20.84	18.16	26.452	655.91
"2011-11-08	15:00:00"	18.62	291.7	12.12	29.03	11.97	293.6	14.02	23.07	56.7	58.53	-1.824	21.66	19.06	26.458	574.44
"2011-11-08	16:00:00"	18.65	301.1	11.98	29.03	11.51	303.3	13.52	24.86	58.14	59.61	-1.468	21.54	19.12	26.46	427.04
"2011-11-08	17:00:00"	18.35	310.5	10.92	29.63	11.78	312.1	12.78	23.07	58.75	59.57	-0.819	22.86	20.8	26.474	250.41
"2011-11-08	18:00:00"	15.29	320.6	11.15	24.86	10.53	321.4	12.15	21.28	57.6	57.43	0.167	24.58	23.19	26.501	66.857
"2011-11-08	19:00:00"	10.31	355.6	13.35	15.31	7.249	350.9	11.78	12.33	53.05	52.01	1.04	31.7	31.12	26.539	0.41723
"2011-11-08	20:00:00"	12.64	12.16	7.147	19.49	9.16	6.249	13.78	17.1	48.98	47.91	1.075	38.48	38.19	26.574	0
"2011-11-08	21:00:00"	13.21	26.15	9.12	18.3	10.31	25.46	12.28	15.91	46.46	45.97	0.484	44.03	43.17	26.598	0
"2011-11-08	22:00:00"	13.06	36.93	7.801	19.49	10.42	35.74	10.25	16.51	44.22	43.84	0.381	50.86	49.93	26.615	0
"2011-11-08	23:00:00"	13.37	50.39	7.519	19.49	10.73	50.52	8.52	17.1	42.31	41.97	0.336	56.3	55.38	26.628	0
"2011-11-09	00:00:00"	14.1	39.83	7.995	20.09	11.36	38.86	9.83	17.1	40.88	40.56	0.312	59.98	59.17	26.636	0
"2011-11-09	01:00:00"	14	38.16	6.725	18.89	11.09	37.07	9.03	15.91	39.18	38.9	0.287	64.08	63.32	26.645	0
"2011-11-09	02:00:00"	13.08	31.81	6.704	16.51	10.24	30.75	9.86	15.31	37.72	37.33	0.39	67.11	66.65	26.656	0

WCS Meteorological Data
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ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-09	03:00:00"	14.1	25.35	5.513	18.89	11.13	24.65	10.05	15.91	36.35	35.99	0.356	69.59	69.2	26.662	0	0
"2011-11-09	04:00:00"	14.69	20.82	5.106	18.89	11.52	20.58	9.68	17.1	35.28	35.02	0.255	71.57	71.03	26.666	0	0
"2011-11-09	05:00:00"	15.46	25.7	5.84	20.68	12.37	25.6	10.25	18.3	35.63	35.49	0.139	71.4	70.6	26.675	0	0
"2011-11-09	06:00:00"	13.43	27.79	5.63	17.7	10.93	27.34	9.3	16.51	35.86	35.73	0.127	71.22	70.43	26.695	0	0
"2011-11-09	07:00:00"	11.51	27.34	5.746	15.31	9.09	26.87	9.45	12.93	35.02	34.74	0.284	72.98	72.58	26.723	0.03789	0
"2011-11-09	08:00:00"	9.87	21.37	5.993	13.52	7.555	18.83	11.33	11.14	34.29	34.2	0.096	75.14	74.36	26.75	36.614	0
"2011-11-09	09:00:00"	13.26	20.3	6.581	20.09	10.72	17.75	12.22	18.3	37.39	37.77	-0.377	70.29	68.33	26.777	132.22	0
"2011-11-09	10:00:00"	12.17	30.59	9.38	18.3	10.03	29.77	13.14	16.51	40.8	41.44	-0.647	58.8	56.55	26.81	242.2	0
"2011-11-09	11:00:00"	10.27	44.54	14.83	15.31	8.63	43.27	17.03	14.72	43.75	44.91	-1.158	48.66	45.7	26.833	440.68	0
"2011-11-09	12:00:00"	10.21	69.9	16	17.7	8.59	68.93	18.1	15.31	47.13	48.38	-1.252	39.39	36.72	26.827	511.16	0
"2011-11-09	13:00:00"	9.5	51.42	17.85	18.3	8.03	50.13	20.33	17.7	48.83	49.99	-1.165	35.18	32.95	26.809	422.8	0
"2011-11-09	14:00:00"	8.96	51.98	23.15	14.72	7.487	51.35	25.43	14.12	50.25	51.6	-1.346	30.26	28.06	26.79	497.56	0
"2011-11-09	15:00:00"	8.84	60.86	24.08	16.51	7.476	61.21	27.7	14.72	51.57	52.96	-1.393	27.08	25.04	26.775	563.05	0
"2011-11-09	16:00:00"	8.5	48.39	22.78	15.31	7.13	46.34	25.61	13.52	52.7	54.05	-1.356	27.23	25.28	26.764	431.23	0
"2011-11-09	17:00:00"	9.67	49.28	14.53	18.89	8.1	48.01	16.39	20.09	53.16	53.69	-0.531	23.81	22.36	26.76	218.62	0
"2011-11-09	18:00:00"	8.28	51.16	10.53	12.33	6.515	51.07	11.92	11.74	51.78	51.39	0.385	25.43	24.52	26.769	62.558	0
"2011-11-09	19:00:00"	4.982	47.93	10.95	6.368	3.078	30.06	23.77	4.578	49.11	46.06	3.051	30.43	31.36	26.777	0.3735	0
"2011-11-09	20:00:00"	4.183	20.18	7.535	5.175	3.961	351.1	4.412	4.578	48.13	42	6.129	32.74	36.16	26.788	0	0
"2011-11-09	21:00:00"	4.289	21.75	4.22	5.771	3.847	6.544	5.554	4.578	47.63	39.76	7.877	33.96	39.34	26.803	0	0
"2011-11-09	22:00:00"	6.107	49.38	34.86	11.14	4.062	31.45	31.16	9.35	45.22	36.98	8.25	36.52	43.67	26.824	0	0
"2011-11-09	23:00:00"	5.164	42.62	17.23	7.561	3.894	30.02	12.7	5.175	42.26	36.98	5.285	40.51	45.32	26.835	0	0
"2011-11-10	00:00:00"	5.932	27.08	8.44	8.75	4.51	8.84	7.83	6.368	41.32	34.19	7.125	41.91	50.27	26.831	0	0
"2011-11-10	01:00:00"	5.141	35.62	9	7.561	4.737	10.63	7.118	5.771	41.1	33.04	8.06	41.25	51.72	26.826	0	0
"2011-11-10	02:00:00"	4.491	34.93	7.271	6.964	4.767	11.95	6.403	5.771	41.31	31.8	9.5	40.28	53.45	26.82	0	0
"2011-11-10	03:00:00"	3.593	38.64	10.63	5.771	4.888	12.76	5.827	5.771	40.44	31.54	8.9	41.25	53.62	26.814	0	0
"2011-11-10	04:00:00"	4.03	57.85	12.95	5.175	3.951	24.47	7.544	5.771	39.73	32.76	6.971	42.28	51.94	26.816	0	0
"2011-11-10	05:00:00"	1.983	17.46	83.6	3.982	3.512	0.655	10.76	5.175	39.06	33.98	5.083	43.61	50.1	26.818	0	0
"2011-11-10	06:00:00"	3.54	295.3	13.81	5.771	2.869	333.7	15.49	3.982	39.34	34.05	5.288	42.84	50.41	26.819	0	0
"2011-11-10	07:00:00"	5.244	300.7	6.05	6.964	3.443	322.2	9.9	4.578	40.48	34.43	6.052	40.63	49.21	26.819	0.03176	0
"2011-11-10	08:00:00"	7.26	310.6	6.457	8.16	3.022	316.2	7.858	4.578	38.41	32	6.418	44.42	53.97	26.836	34.326	0
"2011-11-10	09:00:00"	5.536	293.2	17.05	8.75	3.618	294.3	21.43	8.75	39.73	39.73	0.003	44.63	44.04	26.862	203.24	0
"2011-11-10	10:00:00"	6.803	260.3	13.05	9.95	5.697	262.3	15.6	9.35	45.69	46.48	-0.793	38.19	36.21	26.869	384.62	0
"2011-11-10	11:00:00"	8.98	244.8	16.63	15.31	7.66	247.1	19.42	14.12	49.97	50.89	-0.92	32.09	30.07	26.859	539.29	0
"2011-11-10	12:00:00"	8.72	235	23.09	15.91	7.361	236.2	26.58	14.12	52.23	53.3	-1.071	28.62	26.47	26.843	644.3	0
"2011-11-10	13:00:00"	9.59	225.2	23.19	18.3	8.27	226.1	26.27	17.1	53.84	54.98	-1.138	25.72	23.52	26.809	684.79	0
"2011-11-10	14:00:00"	11.46	217.5	18.91	20.68	9.89	218.5	21.9	18.3	55.41	56.4	-0.992	23.4	21.26	26.77	646.1	0
"2011-11-10	15:00:00"	11.15	217.1	17.66	21.28	9.4	219.5	20.01	17.7	56.18	57.21	-1.032	22.27	20.12	26.739	567.74	0
"2011-11-10	16:00:00"	11.54	223.7	18.06	20.68	9.84	224.1	19.97	18.89	56.35	57.03	-0.681	20.92	18.97	26.716	425.47	0
"2011-11-10	17:00:00"	12.22	215	14.1	20.09	10.23	215.8	15.96	16.51	55.97	56.4	-0.432	20	18.22	26.699	249.35	0
"2011-11-10	18:00:00"	10.57	202.9	9.88	17.1	8.55	204.3	11.51	15.91	54.36	54.27	0.086	20.97	19.5	26.683	65.065	0
"2011-11-10	19:00:00"	9	195.2	7.478	13.52	6.912	197.5	9.64	11.14	49.12	48.68	0.444	24.13	22.99	26.669	0.25425	0
"2011-11-10	20:00:00"	9.26	204	8.96	12.93	6.852	206.2	10.71	9.95	46.71	45.94	0.768	25.99	25.15	26.662	0	0
"2011-11-10	21:00:00"	7.682	210	8.88	11.14	5.459	213.4	11.63	8.16	45.2	44.36	0.838	26.45	25.65	26.661	0	0
"2011-11-10	22:00:00"	6.047	204.8	8.56	9.35	4.038	200.7	10.55	6.964	42.45	41.27	1.176	28.37	27.76	26.659	0	0
"2011-11-10	23:00:00"	5.757	200.8	7.637	8.16	3.685	200.7	11.81	5.771	40.82	39.15	1.674	30.2	30.16	26.642	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-11-11	00:00:00"	6.531	211.9	10.49	9.95	4.569	213.8	13.26	7.561	39.64	38.13	1.508	31.92	31.98	26.626	0	0
"2011-11-11	01:00:00"	6.524	234.1	11.08	11.14	5.162	242.2	12.26	9.35	39.5	38.58	0.916	33.14	32.48	26.612	0	0
"2011-11-11	02:00:00"	4.604	244.4	9.66	7.561	3.226	258.6	12.21	5.771	38.79	37.34	1.45	34.32	33.85	26.584	0	0
"2011-11-11	03:00:00"	7.197	253.1	8.54	9.95	5.284	257	10.03	8.16	36.7	35.74	0.956	37.16	36.58	26.565	0	0
"2011-11-11	04:00:00"	6.384	234.9	12.69	9.35	5.191	238.2	15.03	7.561	36.35	35.5	0.853	39.03	38.62	26.547	0	0
"2011-11-11	05:00:00"	5.391	230.1	12.32	9.35	4.466	232.7	13.38	7.561	34.85	34.43	0.413	40.27	39.12	26.526	0	0
"2011-11-11	06:00:00"	6.852	236.3	11.37	10.54	5.655	240.1	14.58	8.16	34.35	33.86	0.491	41.19	40.18	26.517	0	0
"2011-11-11	07:00:00"	6.091	224	12.66	9.95	4.986	225.9	13.74	8.16	34.34	33.89	0.445	40.48	39.39	26.508	0.02648	0
"2011-11-11	08:00:00"	5.247	229.8	15.73	8.16	4.059	229.7	23.35	6.964	33.64	32.85	0.794	42.52	41.8	26.511	47.614	0
"2011-11-11	09:00:00"	5.599	223.5	13.09	8.75	5.023	222	14.2	8.16	38.18	38.46	-0.283	37.76	36.45	26.521	144.88	0
"2011-11-11	10:00:00"	6.372	231.5	15.39	12.33	5.722	234.5	17.38	11.14	42.75	43.18	-0.43	33.72	32.14	26.523	271.32	0
"2011-11-11	11:00:00"	10.77	218	12.92	18.89	9.14	219.8	13.86	17.1	50.59	51.38	-0.784	27.41	25.47	26.519	392.84	0
"2011-11-11	12:00:00"	12.23	217.7	14.13	18.3	10.34	220.2	15.56	16.51	55.97	57.02	-1.049	22.79	20.66	26.507	474.28	0
"2011-11-11	13:00:00"	11.78	216.2	14.35	20.09	9.9	217.4	16	17.7	58.23	59.45	-1.224	21.06	18.81	26.478	437.74	0
"2011-11-11	14:00:00"	12.02	222.4	15.57	20.68	10.2	223.7	16.32	18.3	60.62	61.69	-1.062	18.48	16.41	26.443	369.28	0
"2011-11-11	15:00:00"	11.77	225.5	16.15	19.49	9.99	227	17.19	18.3	61.6	61.96	-0.357	17.58	15.89	26.418	408.7	0
"2011-11-11	16:00:00"	11.88	220.8	16.07	18.3	9.99	222.6	16.92	17.1	63.49	63.97	-0.483	16.8	15.09	26.397	363.78	0
"2011-11-11	17:00:00"	13.33	219.8	13.12	21.28	11.25	220	14.01	19.49	64.17	64.25	-0.083	16.34	14.8	26.391	149.6	0
"2011-11-11	18:00:00"	9.98	220.1	11.4	18.89	8.45	220.3	11.45	16.51	62.33	62.19	0.138	17.51	16.11	26.386	15.686	0
"2011-11-11	19:00:00"	8.02	206.2	10.05	11.14	5.939	207.8	11.73	8.75	58.78	58.23	0.547	20.34	19.26	26.389	0.03497	0
"2011-11-11	20:00:00"	9.55	202.9	7.881	14.12	7.092	205	10.59	11.74	57.02	56.44	0.579	22.18	21.15	26.388	0	0
"2011-11-11	21:00:00"	8.59	202.4	9.67	12.33	6.215	205.9	12.41	8.75	55	54.42	0.58	23.48	22.44	26.383	0	0
"2011-11-11	22:00:00"	9.47	206.7	10.3	12.93	7.13	211.6	13.05	11.14	54.45	53.82	0.634	24.58	23.65	26.376	0	0
"2011-11-11	23:00:00"	8.5	211.2	12.09	13.52	6.609	213.1	12.76	10.54	53.05	52.63	0.42	25.4	24.21	26.367	0	0
"2011-11-12	00:00:00"	6.577	203.6	18.41	11.74	4.935	205.7	20.42	11.14	50.06	49.5	0.565	27.89	26.83	26.352	0	0
"2011-11-12	01:00:00"	9.78	199.6	10.08	14.12	7.718	203	13.1	12.93	50.98	50.47	0.51	27.65	26.74	26.334	0	0
"2011-11-12	02:00:00"	8.76	225	12.74	14.72	7.39	225.2	13.53	13.52	50.25	50.06	0.19	28.18	26.84	26.338	0	0
"2011-11-12	03:00:00"	7.16	216.7	12.7	14.12	5.675	217.5	13.5	11.14	48.8	48.41	0.391	29.5	28.38	26.32	0	0
"2011-11-12	04:00:00"	8.13	219.1	12.25	12.33	6.605	220.2	12.49	10.54	47.63	47.23	0.393	30.42	29.35	26.313	0	0
"2011-11-12	05:00:00"	9.12	229.1	12.68	17.7	7.74	230.3	14.5	13.52	47.41	47.17	0.243	30.82	29.66	26.304	0	0
"2011-11-12	06:00:00"	7.807	230.7	11.75	13.52	6.598	231.7	12.8	11.14	48.73	48.57	0.16	29.46	28.2	26.295	0	0
"2011-11-12	07:00:00"	9.95	229.8	11.78	15.91	8.49	230.1	14.45	14.12	49.76	49.54	0.218	28.51	27.28	26.303	0	0
"2011-11-12	08:00:00"	9.9	221.3	12.04	15.91	8.42	221.9	12.18	12.93	51.3	51.03	0.272	27.03	25.89	26.315	3.2007	0
"2011-11-12	09:00:00"	8.39	230.5	11.6	15.91	7.032	231.3	13.88	12.93	52.12	51.98	0.137	26.55	25.26	26.325	39.826	0
"2011-11-12	10:00:00"	12.32	216.9	10.07	17.7	10.18	220	11.16	16.51	55.62	55.54	0.076	24.46	23.17	26.339	174.3	0
"2011-11-12	11:00:00"	13.51	235.2	13.46	25.45	11.77	234.5	16.8	21.28	62.73	63.15	-0.422	19.87	18.18	26.35	408.07	0
"2011-11-12	12:00:00"	18.52	245.6	16.86	27.84	15.56	246.7	21.3	25.45	68.16	69.05	-0.887	16.71	14.72	26.334	521.53	0
"2011-11-12	13:00:00"	23.66	265.4	11.73	41.56	18.42	270.1	12.46	35	71.86	73.02	-1.167	14.52	12.51	26.313	608.36	0
"2011-11-12	14:00:00"	24.36	261.3	11.72	37.38	19.48	266.5	13.04	31.42	72.18	73.57	-1.391	14.66	12.57	26.299	575.49	0
"2011-11-12	15:00:00"	19.61	250.9	11.69	30.82	16.05	254	14.45	27.24	72.46	73.8	-1.342	15.08	12.93	26.286	413.86	0
"2011-11-12	16:00:00"	17.24	266.5	11.22	27.24	13.65	270.8	12.06	25.45	72.15	72.88	-0.722	15.8	13.92	26.281	222.4	0
"2011-11-12	17:00:00"	16.09	254.3	9.64	23.66	12.76	259	12.82	20.09	71.38	71.76	-0.379	16.75	15.01	26.289	142.97	0
"2011-11-12	18:00:00"	14.24	258.8	9.15	21.87	11.62	265.7	11.07	18.3	70.1	70.05	0.045	17.78	16.26	26.293	26.994	0
"2011-11-12	19:00:00"	6.437	240.3	17.18	11.74	4.757	242.8	21.25	9.35	66.9	66.19	0.705	19.47	18.24	26.305	0.05211	0
"2011-11-12	20:00:00"	8.39	235.4	13.76	14.72	6.818	237.8	15.38	13.52	64.9	64.08	0.822	20.61	19.6	26.312	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-12	21:00:00"	7.388	235	11.93	12.93	5.943	232.8	15.42	10.54	63.3	62.59	0.708	20.42	19.37	26.323	0	0
"2011-11-12	22:00:00"	11.38	238.9	10.93	20.68	9.54	241.2	12.58	17.1	63.48	62.72	0.767	20.62	19.59	26.33	0	0
"2011-11-12	23:00:00"	10.52	237.9	11.57	15.31	8.78	238.6	13.98	13.52	63.46	63.1	0.357	21.05	19.74	26.336	0	0
"2011-11-13	00:00:00"	8.67	252.5	10.88	15.91	6.596	256.3	13.94	12.93	61.18	60.61	0.57	22.81	21.64	26.331	0	0
"2011-11-13	01:00:00"	8.81	233.4	12.44	15.31	7.053	233.2	15.11	13.52	59.59	58.9	0.683	24.51	23.44	26.321	0	0
"2011-11-13	02:00:00"	12.22	237.5	12.16	18.89	10.04	239.4	13.85	17.1	59.98	59.25	0.73	26.39	25.46	26.311	0	0
"2011-11-13	03:00:00"	9.04	231.9	12.57	17.7	7.411	233.8	14.86	12.93	59.27	58.88	0.393	27.95	26.74	26.304	0	0
"2011-11-13	04:00:00"	11.41	252.4	9.93	17.1	8.88	256.9	12.49	13.52	59.01	58.56	0.453	30.96	29.83	26.303	0	0
"2011-11-13	05:00:00"	8.84	251.3	9.93	13.52	6.954	254.1	13.01	11.74	58.84	58.45	0.386	34.17	33.03	26.294	0	0
"2011-11-13	06:00:00"	8.51	234.2	11.5	14.12	6.965	234.3	14.19	12.93	57.12	56.67	0.448	37.23	36.1	26.294	0	0
"2011-11-13	07:00:00"	6.612	230.5	13.99	11.74	5.364	231.5	15.73	10.54	55.69	55.25	0.444	39.88	38.71	26.295	0	0
"2011-11-13	08:00:00"	5.942	232.4	45.4	12.33	4.584	231.1	53.79	11.74	54.37	54	0.369	42.24	40.89	26.298	40.692	0
"2011-11-13	09:00:00"	5.495	232.2	65.33	11.14	4.651	232.2	68.03	10.54	56.25	56.5	-0.249	42.14	40.29	26.31	164.94	0
"2011-11-13	10:00:00"	8.49	222.5	15.59	13.52	7.312	223	16.01	12.93	60.8	61.38	-0.58	38.58	36.49	26.318	284.14	0
"2011-11-13	11:00:00"	13.64	254.5	12.89	20.09	11.25	257.1	15.67	18.3	66.37	67.31	-0.938	36.04	33.68	26.319	477.25	0
"2011-11-13	12:00:00"	13.43	232.9	22.65	23.66	11.25	236.8	23.51	21.28	69.82	71.32	-1.504	32.91	30.02	26.315	585.52	0
"2011-11-13	13:00:00"	12.39	242.1	19.69	23.07	10.61	244.1	22.5	20.68	71.18	72.78	-1.608	30.22	27.32	26.293	534.79	0
"2011-11-13	14:00:00"	13.69	247.6	14.28	23.66	11.49	250.2	17.98	20.68	72.02	73.56	-1.534	30.05	27.22	26.263	441.51	0
"2011-11-13	15:00:00"	12.51	259.1	14.67	20.09	10.04	261.7	17.22	18.3	72.42	73.63	-1.216	30.25	27.72	26.25	313.79	0
"2011-11-13	16:00:00"	12.78	264.1	21.5	23.07	10.04	267.4	23.68	19.49	72.81	73.68	-0.868	31.07	28.78	26.244	192.39	0
"2011-11-13	17:00:00"	12.66	249.7	15.96	20.09	10.57	252.6	18.35	17.7	72.35	72.83	-0.482	31.9	29.96	26.254	117.17	0
"2011-11-13	18:00:00"	9.85	234.2	16.26	15.91	8.24	234.4	17.56	15.31	70.9	70.88	0.013	33.11	31.52	26.256	25.417	0
"2011-11-13	19:00:00"	6.86	208.2	21.67	14.12	5.222	207.8	23.72	10.54	67.9	67.41	0.492	35.86	34.72	26.264	0.04952	0
"2011-11-13	20:00:00"	9.52	232.7	11.72	15.91	7.761	234.1	13.71	13.52	67.54	67.03	0.511	36.58	35.66	26.277	0	0
"2011-11-13	21:00:00"	6.585	210.4	12.33	11.74	4.812	208	15.06	9.35	65.74	65.24	0.492	38.1	36.99	26.298	0	0
"2011-11-13	22:00:00"	5.524	230.5	15.03	9.35	4.156	230.1	20.24	8.16	62.76	62.06	0.7	41.42	40.55	26.301	0	0
"2011-11-13	23:00:00"	3.473	231.3	33.8	9.35	2.175	249.5	76.71	7.561	61.26	60.42	0.842	43.29	42.19	26.313	0	0
"2011-11-14	00:00:00"	7.703	263.6	10.35	11.74	5.812	268.7	11.52	9.35	61.6	60.72	0.884	43.74	43.5	26.317	0	0
"2011-11-14	01:00:00"	9.19	265	12.06	17.1	6.852	268.7	13.57	14.72	61.99	61.48	0.504	44.63	43.69	26.312	0	0
"2011-11-14	02:00:00"	9.72	266	9.06	16.51	7.642	268.5	10.53	13.52	63.39	63.02	0.371	48.05	46.97	26.313	0	0
"2011-11-14	03:00:00"	9.8	273.1	11.74	15.91	7.017	277.5	13.43	11.74	62.62	62.24	0.381	50.22	49.21	26.312	0	0
"2011-11-14	04:00:00"	7.056	290.2	16.16	12.33	4.255	294.2	18.81	9.95	61.75	60.93	0.826	51.77	50.97	26.305	0	0
"2011-11-14	05:00:00"	5.761	250.2	21.75	11.74	4.506	248.7	27.76	9.95	60.12	59.73	0.389	55.23	54.21	26.295	0	0
"2011-11-14	06:00:00"	6.323	254	11.72	10.54	4.823	257.9	14.37	8.16	58.32	57.96	0.354	59.04	58	26.305	0	0
"2011-11-14	07:00:00"	9.56	245.4	12.33	14.72	7.792	247.7	15.87	12.93	59.62	59.29	0.327	55.38	54.6	26.33	0	0
"2011-11-14	08:00:00"	10.44	269.1	19.52	16.51	7.711	272.6	20.21	14.12	59.96	59.74	0.218	53.77	52.68	26.32	15.024	0
"2011-11-14	09:00:00"	9.59	279.4	14.46	15.31	6.841	282.9	14.79	12.33	60.63	60.76	-0.126	53.4	51.84	26.324	145.51	0
"2011-11-14	10:00:00"	9.52	258.4	14.87	15.31	7.772	260.6	16.5	12.93	61.95	62.19	-0.237	50.87	49.09	26.341	108.59	0
"2011-11-14	11:00:00"	11.33	227.8	13.33	21.28	9.78	226.3	15.59	19.49	64.16	64.43	-0.268	47.69	45.77	26.344	209.42	0
"2011-11-14	12:00:00"	14.82	226.7	13.56	23.66	12.7	225.6	15.45	21.87	65.62	65.93	-0.316	46.16	44.15	26.341	261.57	0
"2011-11-14	13:00:00"	19.46	229.5	14.8	32.61	16.6	229.8	16.86	27.84	67.95	68.54	-0.592	39.95	37.79	26.294	454.63	0
"2011-11-14	14:00:00"	20.87	246.9	12.82	31.42	17.31	249.4	16.11	27.84	69.67	70.53	-0.862	36.07	33.81	26.25	499	0
"2011-11-14	15:00:00"	20.68	234.1	14.61	33.8	17.81	233.9	16.92	30.22	70.82	71.37	-0.558	34.79	32.79	26.222	363.41	0
"2011-11-14	16:00:00"	18.35	231.9	14.49	32.01	15.88	231.8	16.79	26.65	70.73	70.99	-0.263	33.84	32.12	26.212	161.43	0
"2011-11-14	17:00:00"	15.77	227	14.43	24.86	13.36	227.7	15.98	24.26	70.47	70.6	-0.134	34.89	33.32	26.208	120.24	0

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-14	18:00:00"	15.17	231.4	12.99	26.05	13	232.1	15.62	21.87	69.48	69.5	-0.012	36.67	35.22	26.226	18.319	0	
"2011-11-14	19:00:00"	9.62	230.7	19.6	15.91	8.27	233.1	20.3	14.72	67.76	67.7	0.058	39.4	38.03	26.242	0.09588	0	
"2011-11-14	20:00:00"	8.98	187.4	8.72	14.72	7.094	189.3	11.16	11.74	64.31	64.24	0.063	46.62	45.06	26.259	0	0	
"2011-11-14	21:00:00"	6.91	210.3	12.21	10.54	5.498	213.6	13.92	9.95	62.19	62.05	0.146	49.82	48.45	26.267	0	0	
"2011-11-14	22:00:00"	7.002	207.9	10.53	11.14	5.134	208.3	13.59	8.16	59.94	59.5	0.443	52.88	52	26.266	0	0	
"2011-11-14	23:00:00"	5.65	218.3	35	11.14	4.164	226.8	48.2	9.35	58.42	57.64	0.782	55.83	55.49	26.268	0	0	
"2011-11-15	00:00:00"	5.581	229.4	13.75	8.75	4.254	226.8	16.03	8.16	58.12	57.6	0.523	56.12	55.51	26.276	0	0	
"2011-11-15	01:00:00"	5.868	250.6	20.38	11.14	3.965	250.9	25.82	6.964	56.77	55.47	1.295	56.44	57.24	26.271	0	0	
"2011-11-15	02:00:00"	4.037	240.1	25.69	6.964	2.326	237.4	31.25	5.175	55.23	53.63	1.596	58.09	59.28	26.267	0	0	
"2011-11-15	03:00:00"	5.74	280.3	27.83	9.35	3.126	290.1	33.63	5.771	55.15	51.59	3.559	58.43	62.53	26.263	0	0	
"2011-11-15	04:00:00"	8.69	312.8	7.93	11.74	4.303	314.2	10.33	8.16	51.67	49.47	2.199	64.37	67.4	26.25	0	0	
"2011-11-15	05:00:00"	6.358	282.2	22.57	8.75	3.311	277.4	26.68	5.771	49.99	48.14	1.848	67.3	69.1	26.252	0	0	
"2011-11-15	06:00:00"	7.736	305.7	16.83	11.14	3.565	306.9	18.42	6.964	49.55	46.54	3.009	69.04	72.65	26.257	0	0	
"2011-11-15	07:00:00"	8.39	322.1	7.247	11.14	4.082	317.9	10.9	7.561	48.3	45.63	2.674	71.64	75.75	26.269	0	0	
"2011-11-15	08:00:00"	6.569	319.1	12.92	11.74	2.845	314.1	23.19	8.16	46.99	45.21	1.78	71.75	74.86	26.284	25.261	0	
"2011-11-15	09:00:00"	9.64	339.1	8.16	16.51	7.072	337.2	9.48	14.72	54.59	54.38	0.201	43.71	44.08	26.304	187.67	0	
"2011-11-15	10:00:00"	13.92	321.2	11.11	20.09	10.06	321.5	12.43	17.7	58.59	59.53	-0.941	36.07	34.05	26.32	363.08	0	
"2011-11-15	11:00:00"	16.09	318.6	9.87	22.47	11.38	318.7	11.69	18.89	62.28	63.63	-1.346	28.98	26.69	26.329	512.56	0	
"2011-11-15	12:00:00"	13.9	308.5	11.86	21.87	9.05	309.5	13.8	16.51	65.58	67.36	-1.777	20.32	18.05	26.318	618.41	0	
"2011-11-15	13:00:00"	13.08	302.9	15.28	20.68	8.8	304.3	16.72	17.7	67.62	69.51	-1.89	14.61	12.51	26.288	661.45	0	
"2011-11-15	14:00:00"	13.24	292.2	14.43	20.09	8.89	294	16.22	17.7	68.85	70.83	-1.978	13.35	11.22	26.254	624.72	0	
"2011-11-15	15:00:00"	12.66	292.4	16.67	20.09	8.71	294.5	17.78	17.7	69.32	71.12	-1.806	14.25	12.09	26.241	547.7	0	
"2011-11-15	16:00:00"	12.32	287.1	13.72	18.3	8.36	289.4	15.57	17.1	69.31	70.75	-1.439	13.66	11.63	26.238	406.94	0	
"2011-11-15	17:00:00"	13.51	279	12.08	23.07	9.78	281.5	13.86	18.3	68.98	69.73	-0.75	21.34	19.34	26.235	231.26	0	
"2011-11-15	18:00:00"	9.67	291.2	8.15	17.1	5.439	295.5	10.04	13.52	67.31	66.46	0.845	21.88	20.86	26.248	53.024	0	
"2011-11-15	19:00:00"	4.506	275.7	19.78	6.964	1.521	315.4	45.4	3.386	64.41	60.64	3.776	24.18	24.84	26.261	0.21975	0	
"2011-11-15	20:00:00"	4.158	261.9	28.02	6.368	1.496	265.7	55.74	3.386	61.79	58.78	3.004	25.1	26.11	26.275	0	0	
"2011-11-15	21:00:00"	4.35	261.1	17.65	8.16	2.196	234.3	48.44	5.771	59.73	57.32	2.406	25.11	26.02	26.288	0	0	
"2011-11-15	22:00:00"	8.03	303.8	5.704	9.95	3.546	312	6.951	5.175	56.29	52.76	3.525	27.53	28.39	26.3	0	0	
"2011-11-15	23:00:00"	9.74	317.1	6.281	11.74	4.99	319.3	7.571	7.561	52.2	48.39	3.806	31.63	33.1	26.308	0	0	
"2011-11-16	00:00:00"	10.67	310.2	6.802	14.72	5.331	312.2	9.1	8.75	50.1	47.39	2.71	34.4	35.65	26.317	0	0	
"2011-11-16	01:00:00"	9.33	312.3	5.123	11.14	4.798	315.3	8.33	6.368	48.58	46.43	2.159	36.11	36.54	26.319	0	0	
"2011-11-16	02:00:00"	10.11	314.6	7.99	11.74	5.152	319.7	9.15	7.561	48.76	44.94	3.816	36.47	39	26.314	0	0	
"2011-11-16	03:00:00"	9.72	0.479	21.49	14.12	6.3	0.285	21.71	11.14	47.16	45	2.16	37.83	38.91	26.319	0	0	
"2011-11-16	04:00:00"	8.88	4.197	8.58	11.74	4.393	358.1	9.82	6.964	44.68	41.36	3.317	40.81	42.61	26.318	0	0	
"2011-11-16	05:00:00"	9.06	358.4	10.33	11.74	4.993	353.9	11.13	7.561	42.42	39.87	2.551	45.39	46.94	26.317	0	0	
"2011-11-16	06:00:00"	9.29	7.616	7.722	13.52	5.543	1.241	11.53	8.75	39.86	38.03	1.834	52.3	52.78	26.328	0	0	
"2011-11-16	07:00:00"	8.17	15.34	6.769	11.14	5.295	11.19	12.45	8.16	38.63	37.48	1.15	56.59	56.61	26.351	0	0	
"2011-11-16	08:00:00"	8.7	4.307	9.08	10.54	5.131	357.9	9.7	7.561	37.97	36.45	1.527	59.6	59.76	26.38	24.544	0	
"2011-11-16	09:00:00"	7.186	12.85	7.707	10.54	5.242	9.26	12.95	8.16	43.66	44.31	-0.651	53.47	52.42	26.42	180.39	0.3	
"2011-11-16	10:00:00"	2.955	323.8	100.2	18.89	2.92	44.15	67.48	6.964	52.88	54.86	-1.977	40.67	36.74	26.447	362.02	0	
"2011-11-16	11:00:00"	4.625	233.3	49.65	15.91	3.59	234.7	66.66	18.89	60.6	61.82	-1.22	32.19	28.8	26.463	521.11	0	
"2011-11-16	12:00:00"	12.61	319.8	16.66	20.09	9.07	321.5	16.93	17.1	62.08	64.09	-2.012	27.65	24.58	26.466	631.78	0	
"2011-11-16	13:00:00"	18.26	325.7	11.97	29.03	13.66	327.3	13.49	24.86	65.11	67.16	-2.052	22.41	19.53	26.461	676.53	0	
"2011-11-16	14:00:00"	17.05	340.8	16.41	27.84	13.28	340.2	16.4	22.47	65.72	67.88	-2.158	20.61	17.83	26.46	639.79	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-16	15:00:00"	15.27	353.7	17.38	26.05	12.18	351.7	18.46	21.87	65.45	67.3	-1.848	20.78	18.12	26.467	559.5	0
"2011-11-16	16:00:00"	15.75	9.56	12.47	26.05	12.57	7.354	17.17	21.87	63.84	65.11	-1.267	22.97	20.62	26.493	412.36	0
"2011-11-16	17:00:00"	15.16	23.22	13.94	23.07	12.22	23.49	17.47	19.49	61.5	62.01	-0.518	24.21	22.32	26.527	231.14	0
"2011-11-16	18:00:00"	13.52	44.38	9.41	18.89	11.11	45.08	10.82	17.1	57.97	57.7	0.269	28.09	26.74	26.556	50.408	0
"2011-11-16	19:00:00"	13.26	51.5	8.55	18.89	10.64	52.47	9.85	16.51	53.04	52.63	0.41	33.81	32.68	26.589	0.19961	0
"2011-11-16	20:00:00"	14.13	53.15	7.94	20.09	11.25	53.5	8.78	17.7	49.24	48.82	0.42	37.97	36.97	26.618	0	0
"2011-11-16	21:00:00"	13.86	63.48	8.74	20.68	10.63	65.12	10.36	17.1	46.4	46.07	0.323	41.19	39.96	26.638	0	0
"2011-11-16	22:00:00"	17.03	66.35	7.758	25.45	13.05	67.41	9.87	21.28	44.7	44.45	0.245	42.09	40.76	26.651	0	0
"2011-11-16	23:00:00"	14.92	73.71	8.05	22.47	11.47	74.87	9.7	21.28	42.4	42.16	0.24	41.18	39.85	26.678	0	0
"2011-11-17	00:00:00"	13.55	66.74	7.724	22.47	10.47	68.27	9.45	18.89	39.59	39.36	0.225	41.95	40.63	26.692	0	0
"2011-11-17	01:00:00"	10.97	51.22	8.14	17.7	8.8	51.8	9.25	15.91	36.89	36.61	0.277	40.82	39.77	26.713	0	0
"2011-11-17	02:00:00"	9.88	49.11	7.811	16.51	7.868	49.98	8.86	14.72	34.49	34.18	0.318	39.97	39.09	26.736	0	0
"2011-11-17	03:00:00"	7.044	78.72	20.26	12.93	4.821	77.71	27.48	9.95	32.07	31.56	0.506	42.22	41.55	26.75	0	0
"2011-11-17	04:00:00"	6.876	36.86	21.68	13.52	4.611	29.45	28.47	10.54	30.57	28.84	1.728	44.4	45.65	26.756	0	0
"2011-11-17	05:00:00"	11.47	46.61	8.18	18.3	9.03	47.25	9.98	15.31	29.87	29.75	0.114	45.34	43.44	26.74	0	0
"2011-11-17	06:00:00"	10.24	47.44	8.24	17.1	8.26	47.81	9.17	15.31	28.69	28.58	0.112	49.13	47.14	26.742	0	0
"2011-11-17	07:00:00"	4.836	26.23	22.59	9.95	3.819	8.99	36.25	8.16	27.31	26.8	0.501	52.92	50.48	26.759	0.00384	0
"2011-11-17	08:00:00"	5.693	14.93	11.03	7.561	3.801	1.485	13.64	5.771	26.86	24.3	2.554	58.32	55.82	26.774	21.02	0
"2011-11-17	09:00:00"	7.234	52.65	22.5	11.74	5.935	53.32	23.77	9.95	30.42	30.22	0.195	53.69	54.32	26.787	175.27	0
"2011-11-17	10:00:00"	8.95	101.6	11.1	12.93	7.687	102.9	14.29	11.14	36.29	37.24	-0.943	41.86	39.28	26.783	360.67	0
"2011-11-17	11:00:00"	9.1	135.5	26.27	14.12	7.867	138.3	26.71	12.93	41.62	43.15	-1.524	33.41	30.95	26.775	516.74	0
"2011-11-17	12:00:00"	11.45	168.5	13.7	17.7	9.82	168.5	16.3	15.31	45	47.07	-2.072	30.91	27.91	26.743	622.52	0
"2011-11-17	13:00:00"	10.32	175.6	14.02	18.3	8.87	176.5	17.49	17.1	48.34	50.65	-2.306	28.87	25.61	26.7	665.1	0
"2011-11-17	14:00:00"	12.75	179.4	16.66	20.09	10.7	181.3	19.72	17.7	50.78	53.12	-2.348	27.06	23.84	26.647	626.82	0
"2011-11-17	15:00:00"	14.59	179.3	11.35	21.87	12.15	180.7	15.1	19.49	52.14	54.53	-2.392	28.92	25.59	26.607	546.94	0
"2011-11-17	16:00:00"	14.67	182	11.84	22.47	12.04	183.5	14.73	18.3	52.98	55.16	-2.184	28.22	25.13	26.579	404.58	0
"2011-11-17	17:00:00"	13.48	181.6	9.97	20.09	11.13	183.2	12.9	18.3	53.12	54.9	-1.774	28.14	25.27	26.562	226.55	0
"2011-11-17	18:00:00"	11.69	174.8	7.146	17.1	9.54	174.4	9.67	14.12	52.07	53.01	-0.934	28.85	26.64	26.542	50.168	0
"2011-11-17	19:00:00"	10.27	174.7	7.154	13.52	8.08	173.1	9.4	12.33	48.39	48.44	-0.052	31.53	30.02	26.532	0.19935	0
"2011-11-17	20:00:00"	7.117	169.8	9.52	10.54	5.448	168	10.18	8.75	45.57	45.27	0.299	34.15	33.01	26.533	0	0
"2011-11-17	21:00:00"	6.08	157.6	8.21	8.75	4.375	154.2	10.85	6.964	43.94	43.15	0.78	35.97	35.2	26.526	0	0
"2011-11-17	22:00:00"	7.935	151.8	7.981	13.52	6.081	150.1	10.64	11.14	43.84	42.85	0.986	38.38	37.92	26.517	0	0
"2011-11-17	23:00:00"	6.422	160.7	9.31	9.35	4.778	159.2	9.61	6.964	43.53	42.83	0.695	42.25	41.09	26.507	0	0
"2011-11-18	00:00:00"	6.853	168.3	8.55	10.54	5.149	166.9	10.49	8.75	41.83	41.31	0.513	49.81	48.05	26.488	0	0
"2011-11-18	01:00:00"	8.53	182.4	8.86	13.52	6.347	186.4	11.71	9.95	40.65	40.2	0.453	59.17	57.67	26.466	0	0
"2011-11-18	02:00:00"	10.35	186.5	7.986	14.72	7.905	191.4	10.65	12.93	40.12	39.76	0.358	65.5	64.47	26.446	0	0
"2011-11-18	03:00:00"	10.4	189.1	7.899	16.51	8.03	194.1	10.42	14.72	38.87	38.79	0.079	70.25	68.91	26.429	0	0
"2011-11-18	04:00:00"	8.74	187.8	7.444	13.52	6.624	192.4	9.42	10.54	38.29	38	0.284	75.63	74.19	26.422	0	0
"2011-11-18	05:00:00"	7.704	194.3	8.71	11.74	5.847	198.5	10.86	9.35	38.09	37.85	0.239	78.66	77.41	26.408	0	0
"2011-11-18	06:00:00"	7.352	196.7	9.3	10.54	5.456	201.8	11.62	8.16	37.45	37.18	0.271	80.6	79.39	26.402	0	0
"2011-11-18	07:00:00"	7.041	195.6	7.183	9.95	5.146	201.7	9.44	7.561	37.39	37.08	0.313	82.4	81.2	26.398	0.02158	0
"2011-11-18	08:00:00"	8.03	201.4	8.07	12.93	6.033	206.1	10.46	10.54	36.87	36.74	0.128	83.5	82.7	26.399	22.112	0
"2011-11-18	09:00:00"	11.18	197.3	8.9	17.1	8.86	202.1	12.08	15.91	39.88	39.9	-0.021	85.5	85.3	26.408	127.08	0
"2011-11-18	10:00:00"	14.61	187.3	8.94	20.09	11.97	189.7	12.11	17.7	44.5	44.98	-0.477	83.7	80.3	26.41	351.15	0
"2011-11-18	11:00:00"	13.22	189.1	11.53	19.49	10.91	191.2	14.34	17.7	50.11	51.33	-1.229	65.31	61.12	26.404	517.08	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-18	12:00:00"	12.98	201.4	14.23	19.49	10.8	205.3	15.61	17.1	56.33	58.07	-1.736	49.79	45.29	26.387	625.07	0	
"2011-11-18	13:00:00"	15.38	204.7	11.44	23.66	12.7	208.5	14.28	20.09	60.9	62.84	-1.937	40.57	36.77	26.35	669.19	0	
"2011-11-18	14:00:00"	16.38	207.6	12.47	24.86	13.64	212.1	14.58	22.47	64.1	65.88	-1.782	35.06	31.86	26.312	632.33	0	
"2011-11-18	15:00:00"	15.12	212.6	15.88	23.07	12.66	216.5	16.8	22.47	68.11	69.55	-1.439	28.09	25.4	26.283	551.65	0	
"2011-11-18	16:00:00"	16.92	236.7	14.02	26.65	14.32	240.4	16.26	23.07	71.67	72.85	-1.181	18.4	16.19	26.259	407.44	0	
"2011-11-18	17:00:00"	19.12	226.4	14.17	32.61	16.52	227.4	16.57	28.43	71.95	72.75	-0.796	16.68	14.71	26.243	229.74	0	
"2011-11-18	18:00:00"	14.16	226.6	13.2	26.05	12.44	225.3	14.87	23.66	70.43	70.7	-0.273	15.97	14.25	26.246	49.267	0	
"2011-11-18	19:00:00"	11.53	229.6	11.86	18.3	9.62	234.7	14.15	15.31	65.78	65.42	0.365	18.36	16.94	26.256	0.134	0	
"2011-11-18	20:00:00"	10.68	230.4	16.09	15.31	8.93	232	18.74	14.12	63.51	62.76	0.748	19.81	18.7	26.264	0	0	
"2011-11-18	21:00:00"	12.91	217	11.92	18.89	10.8	219.8	11.3	17.1	61.33	60.73	0.606	20.72	19.6	26.261	0	0	
"2011-11-18	22:00:00"	9.54	201	22.85	17.7	8.02	200	22.23	18.89	59.68	59.52	0.158	22.12	20.53	26.266	0	0	
"2011-11-18	23:00:00"	10.21	197.9	13.48	22.47	7.927	203.1	16.97	17.1	52.29	52.33	-0.031	49.75	47.54	26.272	0	0	
"2011-11-19	00:00:00"	13.23	203.1	14.73	24.26	10.58	208.3	17.82	20.68	50.49	50.42	0.07	64.35	63.21	26.276	0	0	
"2011-11-19	01:00:00"	11.23	209.5	12.14	17.1	9.07	213.9	14.06	14.72	48.58	48.33	0.248	72.7	71.71	26.278	0	0	
"2011-11-19	02:00:00"	11.28	199.7	11.74	19.49	8.74	202.8	13.81	16.51	48.62	48.17	0.454	76.6	76.01	26.266	0	0	
"2011-11-19	03:00:00"	9.26	209.5	9.91	13.52	7.252	214.6	12.19	11.74	47.86	47.55	0.308	79.51	79.2	26.266	0	0	
"2011-11-19	04:00:00"	7.918	211.9	16.62	11.74	6.176	217.8	19.47	9.35	45.25	45.17	0.076	82	81.2	26.26	0.20232	0	
"2011-11-19	05:00:00"	7.165	223	14.55	10.54	5.929	229.3	16.66	9.35	44.31	44.32	-0.009	84.6	83.7	26.255	1.3263	0	
"2011-11-19	06:00:00"	8.01	205.7	13.83	11.74	6.034	208.3	16.37	10.54	42.81	42.85	-0.036	85.4	84	26.253	1.3817	0	
"2011-11-19	07:00:00"	7.105	207.4	14.5	11.14	4.987	210.8	17.32	8.75	42.04	41.42	0.619	86	84.6	26.251	1.4601	0	
"2011-11-19	08:00:00"	4.999	223.5	15.97	9.35	3.456	235.5	20.61	6.368	43.16	42.24	0.92	86.3	84.9	26.268	26.221	0	
"2011-11-19	09:00:00"	5.524	212.5	14.02	9.35	4.316	215.7	15.37	7.561	45.81	45.36	0.443	82.4	82	26.299	170.19	0	
"2011-11-19	10:00:00"	7.306	204.2	10.69	13.52	6.165	209.9	15.14	11.14	52.32	52.73	-0.414	56.78	56.96	26.319	372.5	0	
"2011-11-19	11:00:00"	9.66	206.8	12.68	15.91	7.927	211.8	14.68	13.52	58.94	60.05	-1.109	35.69	33.74	26.326	440.23	0	
"2011-11-19	12:00:00"	11.57	212.4	13.99	21.87	9.71	217	15.63	21.87	65.42	66.84	-1.423	27.66	25.16	26.313	647.82	0	
"2011-11-19	13:00:00"	15.25	233.9	13.73	24.26	13.12	238.3	15.91	21.87	69.74	70.89	-1.151	19.77	17.58	26.287	370.8	0	
"2011-11-19	14:00:00"	16.92	234.5	14.02	27.84	14.53	238.1	16.83	26.65	70.01	70.61	-0.601	19.99	18.06	26.265	304.24	0	
"2011-11-19	15:00:00"	16.1	233	12.94	24.86	14.05	236	16.22	23.66	70.47	71.06	-0.586	19.55	17.65	26.249	305.8	0	
"2011-11-19	16:00:00"	15.52	248.5	11.5	24.26	12.88	255.7	14.11	21.28	71.34	71.77	-0.428	17.21	15.43	26.247	204.3	0	
"2011-11-19	17:00:00"	12.33	235.5	16.63	20.68	10.61	238.5	20.41	18.89	71.06	71.18	-0.12	16.48	14.86	26.263	112.77	0	
"2011-11-19	18:00:00"	13.79	217.3	13.11	21.87	11.77	218	11.46	18.89	69.34	69.34	0	17.38	15.87	26.273	37.069	0	
"2011-11-19	19:00:00"	16.97	216.4	11.64	26.65	14.42	219.5	11.48	25.45	66.06	65.87	0.192	19.15	17.77	26.292	0.03161	0	
"2011-11-19	20:00:00"	16.3	222.4	13.06	26.05	14.12	222.1	13.13	24.26	64.16	64.03	0.132	19.37	17.9	26.308	0	0	
"2011-11-19	21:00:00"	14.48	238.2	10.79	26.05	12.18	244.1	11.76	20.68	63.36	63.02	0.342	20.58	19.21	26.327	0	0	
"2011-11-19	22:00:00"	13.27	238.1	10.29	20.09	11.09	243.8	11.58	18.3	62.93	62.44	0.493	22.38	21.14	26.342	0	0	
"2011-11-19	23:00:00"	11.47	258.5	9.98	15.91	8.95	264.7	11.17	13.52	61.67	61.19	0.476	24.14	22.93	26.353	0	0	
"2011-11-20	00:00:00"	7.55	249.9	12.45	11.74	5.667	255.9	14.68	9.35	59.95	59.3	0.658	25.94	24.87	26.366	0	0	
"2011-11-20	01:00:00"	8.41	275.3	16.14	12.93	5.095	283.9	19.29	9.95	60.01	58.7	1.307	26.39	25.75	26.371	0	0	
"2011-11-20	02:00:00"	10.63	301.4	6.253	15.91	5.379	309.9	12.55	9.35	59.29	56.95	2.342	27.08	27.48	26.364	0	0	
"2011-11-20	03:00:00"	8.33	282.1	35.22	14.12	4.558	291.2	37.14	8.16	59.16	57.8	1.355	27.72	27.12	26.369	0	0	
"2011-11-20	04:00:00"	7.702	183.6	30.51	14.12	5.856	182.8	28.9	11.14	56.08	54.65	1.433	29.95	29.96	26.381	0	0	
"2011-11-20	05:00:00"	5.392	198.3	8.85	8.75	3.421	203.9	14.14	6.964	54.31	53.36	0.945	30.28	29.82	26.397	0	0	
"2011-11-20	06:00:00"	3.958	250.3	27.18	5.771	1.904	292.7	34.91	5.175	53.95	51.25	2.697	30.5	31.36	26.401	0	0	
"2011-11-20	07:00:00"	3.921	236	15.66	5.771	1.782	256.1	41.38	3.386	55.89	51.92	3.974	28.47	31.14	26.413	0	0	
"2011-11-20	08:00:00"	2.55	262.3	42.12	4.578	2.554	338	22.19	5.175	57.14	53.04	4.1	28.85	30.09	26.425	7.8108	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-20	09:00:00"	4.639	195.6	91	15.91	3.398	19.18	59.48	12.93	57.54	54.17	3.366	29.16	30.75	26.454	54.41	0	
"2011-11-20	10:00:00"	13.22	40.89	9.68	19.49	10.67	42.49	11.2	16.51	49.99	50.44	-0.452	39.42	36.68	26.493	132.87	0	
"2011-11-20	11:00:00"	13.27	34.56	9.51	17.7	11.06	35.88	12.27	16.51	50.48	51.77	-1.295	40.65	37.54	26.507	512.45	0	
"2011-11-20	12:00:00"	12.43	40.89	11.61	17.7	10.54	42.87	13.76	15.91	55.14	57.06	-1.929	35.35	31.67	26.51	559.66	0	
"2011-11-20	13:00:00"	11.9	56.61	12.47	17.1	9.9	58.28	14.46	15.31	57.48	59.41	-1.925	32.93	29.42	26.491	584.41	0	
"2011-11-20	14:00:00"	11.1	70.03	13.19	15.91	9.22	70.99	15.04	14.12	59.76	61.61	-1.845	30.65	27.3	26.469	508.99	0	
"2011-11-20	15:00:00"	10.49	74.9	10.63	14.72	8.68	75.7	12.92	14.12	61.39	62.93	-1.542	29.27	26.31	26.45	443.8	0	
"2011-11-20	16:00:00"	9.72	78.31	12.24	13.52	8.08	79.62	14.16	12.33	62.27	63.63	-1.365	30.05	27.1	26.445	299.03	0	
"2011-11-20	17:00:00"	10.19	94.5	9.7	14.12	8.45	96.2	10.87	12.93	62.53	63.81	-1.28	33.6	30.67	26.443	232.87	0	
"2011-11-20	18:00:00"	7.79	86.7	11.29	12.33	5.503	87.5	13.65	10.54	61.19	61.66	-0.463	36.5	33.69	26.452	49.066	0	
"2011-11-20	19:00:00"	8.67	87	7.306	11.14	5.144	83.4	12.16	7.561	55.16	53.77	1.39	48.9	46.57	26.459	0.10329	0	
"2011-11-20	20:00:00"	10.44	98.5	9.09	14.72	7.68	99.8	11.03	12.33	51.36	50.62	0.738	58.5	57.82	26.472	0	0	
"2011-11-20	21:00:00"	8.77	98.8	8.69	12.93	6.428	98	10.27	9.95	48.96	48.52	0.442	60.19	59.21	26.486	0	0	
"2011-11-20	22:00:00"	8.1	88.1	7.634	11.74	5.851	87.4	8.9	8.75	46.86	46.5	0.364	62.24	61.27	26.491	0	0	
"2011-11-20	23:00:00"	7.282	82.4	11.29	9.95	5.094	79.06	14.21	6.964	44.31	44.04	0.264	65.19	63.75	26.493	0	0	
"2011-11-21	00:00:00"	8.9	63.38	10.9	12.33	6.726	60.4	13.03	9.95	42.57	42.37	0.207	70.74	68.66	26.483	0	0	
"2011-11-21	01:00:00"	8.58	89.3	10.38	15.31	6.856	89.9	12.2	11.74	44.16	44.28	-0.12	78.92	78.02	26.473	0.00048	0	
"2011-11-21	02:00:00"	8.28	83.7	10.62	12.33	6.458	82.4	12.47	10.54	46.84	46.9	-0.061	84.5	83.9	26.459	1.1614	0	
"2011-11-21	03:00:00"	7.171	63.53	14.21	10.54	5.707	63.18	14.93	9.35	47.75	47.87	-0.122	86.1	85.2	26.446	1.3806	0	
"2011-11-21	04:00:00"	7.722	50.03	7.304	11.14	6.408	50.97	8.27	9.35	47.49	47.58	-0.091	87	85.7	26.434	1.3806	0	
"2011-11-21	05:00:00"	9.88	56.83	8.73	14.72	8.09	57.26	10.06	12.33	47.25	47.38	-0.127	87.6	86.2	26.428	1.3806	0	
"2011-11-21	06:00:00"	11.73	71.9	7.554	15.91	9.1	73.29	9.48	14.72	47.21	47.36	-0.159	88.1	86.8	26.421	1.3806	0	
"2011-11-21	07:00:00"	12.47	76.59	10.13	17.7	9.59	77.74	12.23	15.31	46.94	47.12	-0.181	88.3	87.1	26.419	1.3806	0	
"2011-11-21	08:00:00"	11.81	65.63	10.19	17.1	9.14	66.52	11.72	14.72	46.54	46.74	-0.198	88.5	87.3	26.42	2.6818	0	
"2011-11-21	09:00:00"	12.78	75.44	9.08	18.89	9.84	76.74	11.21	15.91	46.18	46.41	-0.227	88.6	87.4	26.421	13.969	0	
"2011-11-21	10:00:00"	13.31	81.1	9.59	19.49	10.36	83.1	11.88	17.1	45.96	46.2	-0.243	88.7	87.6	26.414	35.715	0	
"2011-11-21	11:00:00"	12.77	81.2	8.09	20.68	9.91	82.6	10.4	16.51	45.94	46.26	-0.323	88.9	87.9	26.396	73.583	0	
"2011-11-21	12:00:00"	7.392	79.53	26.38	14.72	5.999	79.73	31.39	12.33	47.01	47.36	-0.352	89.2	88.3	26.403	92.607	0	
"2011-11-21	13:00:00"	6.931	74.11	13.09	10.54	5.666	75.37	15.24	8.75	47.69	48.16	-0.466	89.2	88.3	26.38	122.4	0	
"2011-11-21	14:00:00"	6.743	92.8	12.13	10.54	5.659	95.1	14.04	9.35	48.49	48.92	-0.426	89.7	89.5	26.343	180.26	0	
"2011-11-21	15:00:00"	5.389	105.8	28.07	11.14	4.526	106.9	28.94	9.35	50.17	50.53	-0.359	90.6	90.2	26.322	195.07	0	
"2011-11-21	16:00:00"	3.61	243.4	41.69	7.561	2.746	247.9	47.92	6.964	52.54	53.03	-0.498	89.5	86.3	26.336	144.44	0	
"2011-11-21	17:00:00"	4.114	242.4	43.36	8.75	2.934	248.4	48.34	7.561	55.37	55.77	-0.397	80.3	78.1	26.34	184.96	0	
"2011-11-21	18:00:00"	9.48	295.2	21.64	21.28	6.161	300	22	16.51	56.33	55.93	0.4	71.21	70.65	26.37	37.039	0	
"2011-11-21	19:00:00"	6.054	328.1	14.79	12.33	3.254	339.8	21.44	8.75	52.57	51.14	1.425	66.95	68.61	26.372	0.12707	0	
"2011-11-21	20:00:00"	3.461	217.1	58.13	9.35	2.018	187.4	71.01	5.771	51.33	49.95	1.373	68.42	70.1	26.393	0	0	
"2011-11-21	21:00:00"	2.336	7.202	96.7	6.368	2.141	47.27	69.03	5.175	52.97	51.17	1.799	58.31	61.17	26.411	0	0	
"2011-11-21	22:00:00"	6.797	276.7	28.06	12.33	3.565	282.8	32.08	7.561	51.99	49.39	2.603	56.94	61.18	26.422	0	0	
"2011-11-21	23:00:00"	12.45	289.8	8.35	21.28	6.698	295.9	10.31	15.31	52.17	50.84	1.329	56.66	58.21	26.437	0	0	
"2011-11-22	00:00:00"	9.49	289.3	7.058	12.93	4.514	296.4	9.18	7.561	49.64	47.89	1.752	58.95	61.3	26.452	0	0	
"2011-11-22	01:00:00"	8.41	275.3	24.81	12.93	4.529	277.2	30.53	9.35	48.27	46.03	2.242	60.06	63.49	26.458	0	0	
"2011-11-22	02:00:00"	9.17	268.9	18.37	18.89	5.765	272.6	23.01	18.3	47.42	45.93	1.498	60.32	62.15	26.458	0	0	
"2011-11-22	03:00:00"	6.903	240.8	28.16	13.52	4.549	242.5	32.91	9.95	46.96	45.31	1.646	59.47	61.6	26.459	0	0	
"2011-11-22	04:00:00"	8.11	246.2	9.65	19.49	6.176	250.2	12.47	15.91	46.91	45.89	1.022	58.27	59.1	26.455	0	0	
"2011-11-22	05:00:00"	9.21	263.8	13.93	14.72	6.755	266.4	16.72	12.93	47.08	46.18	0.892	57.75	58.27	26.463	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-22	06:00:00"	10.51	277.4	8.37	16.51	6.762	283.2	10.66	12.33	47.55	46.12	1.438	55.87	57.41	26.473	0
"2011-11-22	07:00:00"	11.18	284.8	8.38	15.91	6.754	289.7	10.24	12.93	45.48	44.3	1.18	60.11	61.33	26.487	0
"2011-11-22	08:00:00"	13.28	301.4	8.8	18.3	7.222	305.5	10.93	14.72	43.59	42.69	0.896	63.05	63.87	26.507	17.833
"2011-11-22	09:00:00"	15.13	307.7	7.793	23.66	9.11	311.4	9.99	17.1	46.68	46.72	-0.032	58.28	57.28	26.533	167.6
"2011-11-22	10:00:00"	18.79	313.9	7.752	27.24	12.76	317.1	9.89	22.47	53	53.55	-0.551	46.55	44.49	26.56	346.35
"2011-11-22	11:00:00"	17.43	312.2	9.37	26.65	11.42	315.4	11.28	22.47	58.34	59.21	-0.87	37.4	35.28	26.573	502.81
"2011-11-22	12:00:00"	15.07	330.5	16.19	21.28	11.45	331.3	16.21	18.89	62.13	63.32	-1.196	31.29	28.99	26.571	611.55
"2011-11-22	13:00:00"	14.37	347.1	15.98	23.07	11.5	345.3	16	19.49	64.4	65.86	-1.467	27.32	24.88	26.554	655.85
"2011-11-22	14:00:00"	11.45	342.1	19.42	20.09	9.25	342.1	19.97	16.51	65.58	67.04	-1.458	25.04	22.6	26.532	620.2
"2011-11-22	15:00:00"	10.18	334.2	24.12	17.7	7.997	333.5	23.65	15.91	66.71	68.08	-1.367	23.92	21.53	26.527	541.86
"2011-11-22	16:00:00"	8.51	341.5	19.66	15.31	6.892	340.6	21.38	13.52	66.99	68.15	-1.166	23.36	21.09	26.528	398.09
"2011-11-22	17:00:00"	8.72	335.3	18.32	15.91	6.879	336.2	17.83	13.52	66.87	67.51	-0.631	22.31	20.37	26.54	223.22
"2011-11-22	18:00:00"	5.464	343.5	12.32	8.75	3.787	344.9	12.69	7.561	65.51	64.01	1.496	22.94	22.64	26.552	47.799
"2011-11-22	19:00:00"	4.744	3.465	21.63	6.368	3.711	4.488	16.92	5.175	63.94	57.7	6.24	23.94	27.41	26.566	0.12894
"2011-11-22	20:00:00"	3.604	22.54	5.495	8.75	3.75	21.6	8.28	6.368	61.99	56.88	5.104	25.28	28.03	26.587	0
"2011-11-22	21:00:00"	4.796	112.7	56.09	12.33	2.932	101.2	57.89	8.16	54.48	51.11	3.368	44.12	42.58	26.613	0
"2011-11-22	22:00:00"	5.615	139.2	8.48	7.561	3.268	126.1	20.39	5.175	49.94	48.16	1.783	71.11	69.01	26.63	0
"2011-11-22	23:00:00"	5.373	115.7	12.87	8.16	2.532	81	36.29	5.175	47.6	45.35	2.247	79.05	79.28	26.639	0
"2011-11-23	00:00:00"	4.563	122	15.19	8.16	1.865	96.4	49.13	5.175	46.77	45.14	1.629	82	82.9	26.64	0
"2011-11-23	01:00:00"	5.298	121	11.68	7.561	2.433	104.5	27.82	4.578	44.35	42.59	1.757	86	86.3	26.641	0
"2011-11-23	02:00:00"	4.219	162.2	18.91	6.368	1.876	155.8	44.21	4.578	44.14	41.78	2.363	87.7	87.2	26.64	0.00432
"2011-11-23	03:00:00"	3.559	208.3	30.55	6.368	1.648	225.3	52.02	3.386	44.46	42.62	1.833	87.5	86.9	26.639	0.31954
"2011-11-23	04:00:00"	3.773	289.2	11.79	5.175	2.914	328.1	12.15	4.578	44.05	39.77	4.274	87.3	85.2	26.629	0.34535
"2011-11-23	05:00:00"	5.295	338.5	51.48	9.95	4.253	5.706	30.23	6.964	41.85	36.86	4.99	86.1	84.7	26.63	0.34528
"2011-11-23	06:00:00"	6.279	6.386	8.06	9.35	4.773	10.58	6.477	5.771	40.39	32.64	7.744	87.6	83.7	26.63	0.3454
"2011-11-23	07:00:00"	4.928	15.12	4.883	9.35	4.776	10.67	5.871	5.771	42.73	33.17	9.56	87.6	84.5	26.639	0.34541
"2011-11-23	08:00:00"	4.425	21.44	11.14	8.16	4.573	8	9.28	5.771	43.1	33.21	9.9	88.1	84.7	26.648	16.995
"2011-11-23	09:00:00"	4.175	48.01	21.31	7.561	2.928	15.92	11.14	5.175	46.07	39.49	6.584	88.8	87.6	26.673	167.96
"2011-11-23	10:00:00"	3.768	132.5	33.77	8.16	3.188	133.1	35.75	7.561	52.13	51.61	0.519	89.1	89.3	26.688	349.64
"2011-11-23	11:00:00"	7.324	177.9	11.17	10.54	6.232	178.3	14.22	10.54	57.45	57.63	-0.177	57.88	61.51	26.692	502.48
"2011-11-23	12:00:00"	8.16	185.2	14.06	12.93	6.868	187.7	18.24	11.14	62.6	64.16	-1.56	35.03	32.85	26.678	611.24
"2011-11-23	13:00:00"	10.75	191.9	14.18	17.1	8.88	195.2	18.26	15.31	66.22	68.43	-2.211	26.91	24.03	26.653	656.68
"2011-11-23	14:00:00"	13.83	188.6	15.51	21.28	11.5	190.4	18.97	18.89	67.22	69.6	-2.384	23.18	20.29	26.621	620.4
"2011-11-23	15:00:00"	12.39	187.5	12.67	23.66	10.24	190.5	16.39	20.68	68.14	70.39	-2.255	21.91	19.12	26.6	543.55
"2011-11-23	16:00:00"	11.56	184.7	15.5	18.89	9.55	186.8	18.27	15.91	68.38	70.48	-2.097	20.77	18.11	26.591	402.08
"2011-11-23	17:00:00"	11.21	181.7	11.3	17.7	9.16	182.8	14.73	15.91	67.82	69.63	-1.8	20.81	18.27	26.584	226.04
"2011-11-23	18:00:00"	8.98	169	10.52	18.89	7.242	167.8	12.01	15.91	65.81	66.57	-0.764	21.04	19.11	26.585	47.548
"2011-11-23	19:00:00"	8.04	162.6	8.31	12.33	6.062	160.6	9.5	9.35	61.01	60.36	0.645	23.28	22.2	26.593	0.06725
"2011-11-23	20:00:00"	7.427	144.1	12.01	10.54	4.414	129.3	21.61	7.561	58.14	56.03	2.101	24.7	24.45	26.603	0
"2011-11-23	21:00:00"	8.2	124.3	6.342	11.14	4.165	103.3	12.5	6.368	54.86	50.57	4.288	27.14	28.88	26.606	0
"2011-11-23	22:00:00"	10.25	131.6	7.831	14.12	6.481	125.9	14.67	11.74	54.29	50.47	3.821	28.24	30.21	26.609	0
"2011-11-23	23:00:00"	11.22	146.7	8.09	16.51	8.68	147.9	7.709	14.12	54.44	53.03	1.407	31.94	31.82	26.612	0
"2011-11-24	00:00:00"	10.39	153.8	8.57	15.31	8.42	153.2	8.9	12.93	52.6	51.89	0.712	35.69	34.94	26.604	0
"2011-11-24	01:00:00"	10.51	160.6	8.61	16.51	8.41	160.2	9.17	14.12	51.63	50.95	0.686	38.77	38.02	26.592	0
"2011-11-24	02:00:00"	7.997	162.3	12.61	13.52	6.156	159.6	22.74	11.14	49.29	48.81	0.479	42.72	41.65	26.586	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-11-24	03:00:00"	7.16	156.3	12.58	12.93	4.847	148.4	22.45	11.14	47.5	45.97	1.535	48.74	47.88	26.574	0	0
"2011-11-24	04:00:00"	9.09	177.9	11.36	14.72	6.78	179.7	14.18	12.93	47.08	46.13	0.946	55.39	54.79	26.565	0	0
"2011-11-24	05:00:00"	10.39	168.3	9.05	16.51	8.05	168.6	10.53	12.93	46.88	46.15	0.728	62.11	61.53	26.548	0	0
"2011-11-24	06:00:00"	7.77	169.9	10.25	12.33	5.848	169.9	11.11	9.35	46.13	45.4	0.734	65.77	65.16	26.544	0	0
"2011-11-24	07:00:00"	5.394	157	12.52	8.16	3.544	154.7	18.22	5.175	45.29	44.38	0.906	67.82	66.87	26.546	0	0
"2011-11-24	08:00:00"	6.807	143.7	6.772	9.95	4.163	129.9	10	5.771	44.89	42.67	2.227	70.68	70.31	26.548	13.573	0
"2011-11-24	09:00:00"	6.94	150.5	13.62	11.74	4.999	146.3	17.78	8.75	47.48	46.16	1.318	70.5	72.45	26.558	155.19	0
"2011-11-24	10:00:00"	12.45	180.8	8.44	19.49	10.16	181.6	11.1	15.91	52.66	52.97	-0.314	60.55	58.97	26.56	342.1	0
"2011-11-24	11:00:00"	13.29	180.1	9.65	19.49	11.01	181.3	12.7	17.1	58.18	59.12	-0.945	49.18	46.12	26.555	433.76	0
"2011-11-24	12:00:00"	11.92	183.1	11.18	17.7	9.93	183.7	14.42	15.31	62.15	63.83	-1.684	40.53	37.2	26.546	564.37	0
"2011-11-24	13:00:00"	12.89	189.5	11.83	20.09	10.65	192.2	15.69	17.1	65.18	67.31	-2.129	36.15	32.7	26.52	637.01	0
"2011-11-24	14:00:00"	11.56	197.3	14.23	18.89	9.67	201.1	17.17	15.31	69.1	71.13	-2.025	30.1	26.98	26.491	568.97	0
"2011-11-24	15:00:00"	13.67	188.2	12.49	22.47	11.07	191	16.13	19.49	70.66	72.2	-1.536	25.98	23.39	26.467	390.34	0
"2011-11-24	16:00:00"	14.29	182.8	9.5	20.68	11.62	183.3	12.36	18.3	70.9	72.15	-1.255	25.69	23.33	26.453	234.66	0
"2011-11-24	17:00:00"	13.98	179.3	7.834	20.68	11.43	179.4	10.4	17.7	69.8	70.32	-0.527	26.72	24.86	26.449	114.98	0
"2011-11-24	18:00:00"	10.24	174.4	7.319	17.7	8.07	173.3	9.51	14.72	68.51	68.76	-0.246	28.71	27.04	26.445	33.102	0
"2011-11-24	19:00:00"	8.6	163	8.53	13.52	6.642	161.4	9.54	11.14	64.29	63.77	0.521	32.13	31.1	26.438	0.01763	0
"2011-11-24	20:00:00"	9.24	160.1	10.04	14.72	7.401	160.9	11.06	14.12	60.32	60.08	0.241	37.38	36.15	26.443	0	0
"2011-11-24	21:00:00"	9.52	165.1	9.66	15.91	7.696	166.5	10.5	13.52	58.39	58.13	0.267	42.61	41.28	26.447	0	0
"2011-11-24	22:00:00"	8.28	181.1	10.13	13.52	6.289	183.1	12.25	11.74	56.08	55.72	0.357	50.05	48.62	26.446	0	0
"2011-11-24	23:00:00"	11.53	183.3	9.43	17.1	9.1	185.9	12.05	14.12	55.7	55.39	0.308	56.04	55.16	26.441	0	0
"2011-11-25	00:00:00"	13.87	175.8	7.426	18.89	11.13	176.8	10.02	15.91	54.52	54.36	0.156	59.71	58.69	26.428	0	0
"2011-11-25	01:00:00"	10.69	182.5	9.08	16.51	8.5	185.2	11.99	14.12	53.13	52.97	0.156	61.74	60.76	26.41	0	0
"2011-11-25	02:00:00"	9.09	182.7	9.7	15.31	7.112	185.8	12.66	11.74	51.93	51.68	0.257	63.61	62.84	26.392	0	0
"2011-11-25	03:00:00"	8.11	188.2	8.58	11.14	6.213	193.5	11.35	10.54	51.07	50.8	0.269	65.28	64.52	26.378	0	0
"2011-11-25	04:00:00"	7.593	198	12.54	11.14	5.748	204.1	16.6	9.35	50.38	50.06	0.323	66.83	66.11	26.368	0	0
"2011-11-25	05:00:00"	7.911	189.5	12.69	11.74	5.808	194.4	17.28	10.54	50.4	49.9	0.508	67.49	67.13	26.345	0	0
"2011-11-25	06:00:00"	4.412	220.4	18.83	8.16	3.186	228	22.93	6.368	50.47	50.01	0.467	67.6	67.13	26.333	0	0
"2011-11-25	07:00:00"	4.622	104.4	27.03	8.75	3.215	85.2	25.38	6.368	49.94	48.77	1.178	68.15	66.82	26.321	0	0
"2011-11-25	08:00:00"	6.278	66.42	9.79	8.16	4.205	61.99	11.19	6.368	46.87	45.78	1.093	70.47	70.98	26.311	10.558	0
"2011-11-25	09:00:00"	3.487	193	74.34	6.964	2.685	286.4	91.7	5.771	47.62	46.89	0.728	73.98	73.77	26.331	47.651	0
"2011-11-25	10:00:00"	8.26	261.6	21.47	12.93	6.543	266.9	23.01	11.74	50.51	50.43	0.08	71.84	71.28	26.345	79.703	0
"2011-11-25	11:00:00"	6.211	270.2	36.79	14.72	4.847	275.5	42.16	12.33	51.54	51.91	-0.369	69.87	68.44	26.356	84	0
"2011-11-25	12:00:00"	6.936	164.5	18.62	11.74	6.023	165.4	20.69	11.14	51.21	51.77	-0.564	73.71	72.53	26.333	59.123	0.01
"2011-11-25	13:00:00"	8.89	158.2	12.83	14.72	7.643	159.1	13.62	13.52	51.3	51.84	-0.548	80	78.83	26.28	200.41	0.01
"2011-11-25	14:00:00"	12.39	179.6	12.55	18.3	10.24	180.9	15.54	15.31	54.15	54.73	-0.584	76.01	75.13	26.26	289.41	0
"2011-11-25	15:00:00"	12.76	201.8	11.45	18.89	10.42	205.8	14.47	16.51	56.26	56.96	-0.692	68.36	66.74	26.249	219.53	0
"2011-11-25	16:00:00"	11.93	200.5	11.28	17.1	9.8	204.3	14.1	15.31	57.86	58.96	-1.104	62.61	59.93	26.248	300.65	0
"2011-11-25	17:00:00"	12.52	199.5	14.98	18.89	10.31	203.2	17.52	17.1	57.02	58.25	-1.231	63.67	60.59	26.246	171.71	0
"2011-11-25	18:00:00"	12.41	219.1	12.85	18.3	10.63	221.4	12.81	17.7	56.45	56.97	-0.518	66.23	64.11	26.239	37.374	0
"2011-11-25	19:00:00"	9.57	231.3	11.77	14.72	7.933	233.9	14.67	13.52	54.53	54.37	0.169	66.03	65.08	26.255	0.09516	0
"2011-11-25	20:00:00"	8.83	243.8	13.26	15.91	7.076	247.9	16.11	12.33	53.95	53.37	0.582	60.75	60.77	26.274	0	0
"2011-11-25	21:00:00"	11.1	254.4	8.77	17.1	8.71	262.7	10.96	14.72	52.9	52.34	0.562	59.05	58.98	26.288	0	0
"2011-11-25	22:00:00"	9.39	256.8	8.82	16.51	9.32	266.4	10.19	14.12	52.1	51.71	0.386	58.23	57.73	26.297	0	0
"2011-11-25	23:00:00"	8.57	250.5	10.47	18.3	9.57	256.1	13.45	17.7	50.52	50.18	0.344	61	60.44	26.295	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2011-11-26	00:00:00"	10.62	249.9	10.09	18.3	8.45	254.2	12.47	14.12	48.82	48.53	0.293	64.17	63.51	26.302	0	0
"2011-11-26	01:00:00"	7.715	278.7	10.24	18.89	7.127	284.2	12.71	15.91	49.05	48.17	0.878	61.86	62.08	26.308	0	0
"2011-11-26	02:00:00"	4.548	286.4	5.78	11.74	4.885	290.8	8.37	7.561	46.82	45.17	1.652	64.07	65.81	26.312	0	0
"2011-11-26	03:00:00"	10.88	290.9	6.449	15.31	5.577	295.9	8.98	9.35	46.39	44.92	1.465	64.94	66.96	26.327	0	0
"2011-11-26	04:00:00"	9.53	304.2	16.72	17.7	5.101	309.4	17.12	11.14	45.32	44.05	1.267	65.08	66.21	26.345	0	0
"2011-11-26	05:00:00"	11.81	338.2	11.89	17.7	8.46	338.4	12.03	14.72	43.05	41.98	1.067	66.16	67.63	26.377	0	0
"2011-11-26	06:00:00"	11.71	350.8	11.11	18.3	8.5	348.7	10.94	14.72	42.86	41.8	1.062	67.98	69.33	26.409	0	0
"2011-11-26	07:00:00"	17.31	3.73	12.84	32.61	13.18	0.373	15.54	24.26	44.52	44.06	0.461	69.18	69.41	26.462	0	0
"2011-11-26	08:00:00"	20.21	6.691	10.88	32.61	15.53	3.069	16.43	27.84	44.55	44.29	0.261	66.05	65.44	26.508	5.5698	0
"2011-11-26	09:00:00"	30.66	14.23	7.721	47.52	24.05	12.37	15.12	41.56	46.69	46.66	0.026	49.2	48.39	26.55	172.9	0
"2011-11-26	10:00:00"	37.77	9.33	10.32	54.08	29.58	6.395	18.18	45.73	46.48	46.93	-0.452	38.7	36.69	26.608	312.19	0
"2011-11-26	11:00:00"	34.98	13.96	7.785	49.31	27.63	11.67	16.15	40.96	44.25	45.07	-0.825	41.59	38.84	26.672	410.76	0
"2011-11-26	12:00:00"	35.55	17.63	8.93	53.48	28.07	16.4	15.48	45.73	46.01	47.02	-1.016	29.49	27.2	26.692	476.83	0
"2011-11-26	13:00:00"	37.1	11.12	10.67	50.5	29.23	8.28	16.57	43.94	46.31	47.07	-0.767	25.07	22.98	26.68	392.56	0
"2011-11-26	14:00:00"	37.04	10.85	12.08	52.29	29.18	7.953	18.29	42.75	47.19	48.14	-0.95	19.41	17.33	26.675	442.37	0
"2011-11-26	15:00:00"	32.22	3.814	14.93	48.12	25.3	0.204	20.36	42.15	47.7	48.57	-0.872	16.54	14.62	26.689	407.32	0
"2011-11-26	16:00:00"	29.17	357.4	13.69	41.56	22.91	354	16.93	36.19	48.27	49.1	-0.832	15.2	13.29	26.704	340.2	0
"2011-11-26	17:00:00"	28.99	0.166	14.51	40.96	22.67	356.1	17.87	36.19	47.01	47.5	-0.487	18.13	16.26	26.717	179.81	0
"2011-11-26	18:00:00"	24.51	3.118	14.22	37.98	19	358.9	17.4	32.01	45.17	45.11	0.061	19.89	18.32	26.737	34.089	0
"2011-11-26	19:00:00"	16.31	2.939	11.75	29.63	12.39	358.6	14.34	27.84	42.89	42.48	0.411	23.28	21.97	26.758	0.09098	0
"2011-11-26	20:00:00"	12.47	10.53	10.34	18.89	9.08	6.798	14.08	17.7	40.37	39.67	0.695	26.14	25.1	26.784	0	0
"2011-11-26	21:00:00"	10.41	4.62	12.06	14.12	7.068	359.3	13.41	10.54	38.12	37.18	0.947	28.5	27.65	26.806	0	0
"2011-11-26	22:00:00"	11.18	345	9.01	14.12	6.827	341.5	10.01	10.54	35.02	33.46	1.557	31.49	31.36	26.819	0	0
"2011-11-26	23:00:00"	10.77	345.7	9.81	14.72	6.49	344.4	10.15	10.54	32.71	30.86	1.853	33.49	34.12	26.823	0	0
"2011-11-27	00:00:00"	10.42	353	11.42	13.52	6.452	350.6	11.92	10.54	31.62	29.85	1.772	34.06	34.64	26.828	0	0
"2011-11-27	01:00:00"	10.42	349.1	7.427	12.93	6.419	347.6	8.49	9.35	30.62	28.81	1.812	34.57	35.32	26.832	0	0
"2011-11-27	02:00:00"	9.91	336.9	6.515	12.33	5.54	336.2	8.7	7.561	29.27	26.85	2.42	35.68	36.86	26.83	0	0
"2011-11-27	03:00:00"	10.18	344.5	6.077	12.93	6.52	344.7	9	9.95	28.54	26.67	1.872	36.59	37.73	26.833	0	0
"2011-11-27	04:00:00"	11.28	336.5	7.886	15.31	7.438	336.3	9.93	11.14	27.15	25.88	1.273	37.83	38.17	26.837	0	0
"2011-11-27	05:00:00"	12.27	328	5.037	15.91	8.11	329	7.933	11.74	26.65	25.37	1.282	38.62	38.9	26.832	0	0
"2011-11-27	06:00:00"	10.87	327.2	5.338	13.52	6.741	328	8.1	10.54	27.09	25.49	1.601	37.98	38.52	26.828	0	0
"2011-11-27	07:00:00"	9.1	300	8.78	11.74	3.698	302.8	10.03	6.964	23.96	22.06	1.899	41.38	41.07	26.843	0.00538	0
"2011-11-27	08:00:00"	9.55	299.2	3.551	11.14	3.742	304.6	7.379	5.175	23.38	20.3	3.081	43.91	47.15	26.853	14.089	0
"2011-11-27	09:00:00"	7.955	300.9	7.01	11.14	4.186	304.2	9.61	7.561	28.58	27.81	0.763	38.38	39.74	26.853	158.89	0
"2011-11-27	10:00:00"	8.66	288.7	12.58	14.12	6.064	291.2	15.08	10.54	37.58	38.23	-0.651	28.42	26.86	26.86	336.96	0
"2011-11-27	11:00:00"	12.14	288.3	12.83	18.3	8.3	291.4	15.26	16.51	43.76	45.02	-1.262	20.41	18.5	26.852	490.83	0
"2011-11-27	12:00:00"	12.37	285.5	13.7	20.68	8.68	288.8	15.76	17.1	47.14	48.89	-1.747	16.63	14.32	26.834	597.28	0
"2011-11-27	13:00:00"	12.07	273.9	14.53	20.09	8.95	277.8	16.17	18.3	49.79	51.95	-2.156	16.03	13.52	26.801	640.81	0
"2011-11-27	14:00:00"	10.46	280	15.08	18.3	7.63	283.6	16.09	17.7	52.61	54.74	-2.134	13.64	11.26	26.764	607.03	0
"2011-11-27	15:00:00"	9.18	282.2	18.6	16.51	6.85	285.3	20.02	13.52	55.21	57.38	-2.179	10.96	8.72	26.732	531.96	0
"2011-11-27	16:00:00"	8.13	290.7	18.26	12.93	5.829	293.8	19.38	11.74	56.56	58.5	-1.939	10.46	8.24	26.715	391.38	0
"2011-11-27	17:00:00"	7.15	295.4	16.13	12.33	4.907	298.7	18.63	10.54	56.41	58.55	-2.133	11.05	8.63	26.707	218.86	0
"2011-11-27	18:00:00"	6.312	273	11.94	9.35	4.252	276.7	14.3	6.964	54.74	55.39	-0.649	12.16	10.18	26.694	44.717	0
"2011-11-27	19:00:00"	6.001	258.9	6.474	9.35	4.026	258.2	7.437	6.964	50.77	49.61	1.161	14.29	13.12	26.682	0.10293	0
"2011-11-27	20:00:00"	5.485	262.5	9.8	8.75	3.015	276.2	20.15	6.368	48.39	46.23	2.155	16.17	15.4	26.676	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-27	21:00:00"	5.936	275.2	6.854	8.16	3.179	304.8	8.91	4.578	46	42.17	3.837	17.92	18.33	26.668	0
"2011-11-27	22:00:00"	6.797	271.5	5.073	9.95	3.576	292.3	8.18	8.16	45.62	40.97	4.647	17.9	19.53	26.659	0
"2011-11-27	23:00:00"	7.513	271.1	5.669	9.95	4.014	288.6	6.607	7.561	45.16	41.18	3.988	17.95	19.2	26.649	0
"2011-11-28	00:00:00"	9.45	286.7	13.44	13.52	4.908	293.1	16.62	8.75	42.4	39.12	3.274	20.11	20.77	26.633	0
"2011-11-28	01:00:00"	10.55	304.3	5.011	12.93	5.318	311.9	8.51	8.16	40.31	37.48	2.83	23.5	24.05	26.62	0
"2011-11-28	02:00:00"	11.67	304.6	5.415	14.72	6.12	310.9	8.6	9.35	39.04	37.42	1.614	27.22	26.8	26.601	0
"2011-11-28	03:00:00"	9.06	303.1	5.018	14.12	5.362	309.9	8.63	8.75	38.85	37.02	1.828	29.98	29.82	26.586	0
"2011-11-28	04:00:00"	11.02	302.8	5.734	14.72	5.469	307.5	8.66	9.35	38.04	36.52	1.515	31.88	31.73	26.575	0
"2011-11-28	05:00:00"	12.52	308.1	5.552	15.91	7.213	313.7	8.22	12.33	38.01	36.67	1.338	32.95	32.68	26.555	0
"2011-11-28	06:00:00"	13	311.5	5.811	16.51	8.08	317.2	8.07	11.74	37.96	36.67	1.289	34.47	34.23	26.539	0
"2011-11-28	07:00:00"	12.34	306.4	6.473	17.1	6.856	310.7	9.31	12.33	37.48	36.32	1.163	35.54	35.13	26.532	0
"2011-11-28	08:00:00"	13.32	308.3	5.438	16.51	7.67	312.7	8.11	12.33	37.49	36.37	1.114	36.03	35.79	26.525	12.829
"2011-11-28	09:00:00"	12.28	304.9	7.255	17.1	7.239	309.2	9.82	11.74	41.11	41.04	0.064	32.6	31.49	26.528	153.08
"2011-11-28	10:00:00"	8.44	280.2	10.4	13.52	6.166	282.1	12.63	11.74	48.43	49	-0.568	26.6	24.91	26.534	328.06
"2011-11-28	11:00:00"	12.51	278.4	8.47	17.7	9.12	282	11.18	15.31	57.14	58.31	-1.17	18.12	16.28	26.531	481.7
"2011-11-28	12:00:00"	14.69	277.9	9.2	20.68	10.61	281.9	11.77	16.51	62.15	63.84	-1.686	15.03	12.81	26.516	588.51
"2011-11-28	13:00:00"	12.65	290.1	11.63	20.09	8.39	293.4	13.5	15.91	65.86	67.78	-1.918	13.13	10.86	26.497	633.66
"2011-11-28	14:00:00"	11.8	287.8	13.95	18.89	8.12	291.4	16.25	17.1	69.57	71.64	-2.068	11.35	9.11	26.471	599.09
"2011-11-28	15:00:00"	10.72	284.6	13.16	15.91	7.596	288.1	15.49	13.52	72.14	74.18	-2.041	10.28	8.05	26.451	525.32
"2011-11-28	16:00:00"	9.79	274	13.05	14.72	7.48	277.1	14.48	13.52	72.99	74.88	-1.889	10.21	8.01	26.438	387.42
"2011-11-28	17:00:00"	8.11	257.4	12.05	12.33	6.483	262.4	14.2	10.54	72.29	74.18	-1.89	10.71	8.48	26.433	216.02
"2011-11-28	18:00:00"	7.055	256.8	9.13	9.95	5.217	260.4	9.93	8.16	69.6	69.97	-0.374	11.82	10.04	26.441	43.32
"2011-11-28	19:00:00"	6.005	282.6	12.82	9.35	2.079	294.8	18.03	5.771	64.68	62.04	2.645	13.82	12.76	26.447	0.09406
"2011-11-28	20:00:00"	7.353	298	8.83	9.95	2.144	309.1	11.01	5.771	60.95	54.55	6.397	15.73	16.55	26.456	0
"2011-11-28	21:00:00"	10.79	317.4	4.862	12.93	5.598	322.9	5.894	7.561	58.56	50.69	7.878	17.64	20.23	26.464	0
"2011-11-28	22:00:00"	10	320	3.102	11.74	4.828	318.2	5.616	6.964	54.77	48.93	5.845	20.28	22.2	26.475	0
"2011-11-28	23:00:00"	9.91	324.4	3.7	12.33	4.866	324.9	6.688	6.964	54.4	48.95	5.449	20.55	22.78	26.487	0
"2011-11-29	00:00:00"	7.425	323.6	11.9	9.95	3.767	322.1	15.48	5.771	52.65	47.49	5.157	22.39	24.19	26.495	0
"2011-11-29	01:00:00"	8.85	6.268	13.75	12.33	5.316	5.855	18.71	9.35	47.77	44.57	3.201	26.38	27.28	26.5	0
"2011-11-29	02:00:00"	8.91	24.11	5.542	11.74	6.246	22.08	10.96	8.75	43.56	41.42	2.131	30.71	30.63	26.501	0
"2011-11-29	03:00:00"	9.31	23.9	5.186	12.33	6.306	22.13	9.92	9.35	44.61	41.27	3.332	30.01	31.76	26.514	0
"2011-11-29	04:00:00"	11.33	19.83	4.778	14.12	7.62	18.32	9.84	11.14	42.81	40.83	1.976	31.71	32.17	26.525	0
"2011-11-29	05:00:00"	15.2	17.9	5.745	22.47	11.41	16.13	10.88	18.89	42.7	41.38	1.318	33.42	33.45	26.552	0
"2011-11-29	06:00:00"	18.29	19.98	4.762	23.07	14.48	20.4	9.76	19.49	43.07	42.43	0.635	36.51	35.44	26.568	0
"2011-11-29	07:00:00"	18.5	22.55	5.415	23.66	14.88	23.57	9.34	21.28	40.45	40.07	0.381	42.01	40.4	26.585	0
"2011-11-29	08:00:00"	19.07	27.9	5.781	25.45	15.54	28.53	9.14	22.47	39.21	38.9	0.303	45.78	44.23	26.609	12.766
"2011-11-29	09:00:00"	19.83	29.78	6.354	27.84	16.18	30.33	9.26	25.45	40.62	40.61	0.01	45	43.47	26.631	110.69
"2011-11-29	10:00:00"	20.11	39.41	8.25	27.24	15.98	39.76	10.37	24.86	43.8	44.18	-0.372	41.65	40.08	26.658	239.78
"2011-11-29	11:00:00"	16.8	46.16	10.19	25.45	13.65	47.49	11.63	21.87	46.7	47.52	-0.829	38.29	36.08	26.682	395.22
"2011-11-29	12:00:00"	13.53	49.93	11.6	19.49	11.2	50.65	12.82	18.3	49.52	50.88	-1.36	34.73	31.88	26.684	428.56
"2011-11-29	13:00:00"	11.11	49.29	16.13	17.7	9.19	49.52	18.09	15.31	51.72	53.27	-1.55	32.23	29.74	26.677	484.62
"2011-11-29	14:00:00"	7.524	68.2	20.85	13.52	6.422	69.52	22.55	12.33	55.4	57.06	-1.665	28.53	25.72	26.656	501.51
"2011-11-29	15:00:00"	7.792	52.43	24.25	14.12	6.652	52.99	27.43	13.52	57.11	58.81	-1.703	26.87	23.84	26.637	406.72
"2011-11-29	16:00:00"	6.84	60.39	19.63	12.33	5.826	61.8	21.97	11.74	56.41	57.44	-1.032	26.66	24.23	26.621	244.49
"2011-11-29	17:00:00"	7.754	41.93	15.64	14.12	6.511	42.52	17.18	12.93	56.3	57.68	-1.378	26.73	23.77	26.626	174.54

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-11-29	18:00:00"	5.336	72.06	19.12	9.35	3.867	70.09	21.76	8.16	54.89	55.36	-0.461	27.3	24.93	26.622	51.277	0	
"2011-11-29	19:00:00"	6.544	51.02	8.11	10.54	4.223	52.63	9.3	7.561	50.33	48.94	1.387	31.43	30.1	26.631	0.01524	0	
"2011-11-29	20:00:00"	9.17	47.18	9.17	12.33	6.556	47.65	12.09	9.95	46.57	45.33	1.238	35.45	34.87	26.643	0	0	
"2011-11-29	21:00:00"	9.54	49.65	7.782	12.93	6.997	51.71	9.06	10.54	44.2	43.24	0.958	38.92	38.04	26.652	0	0	
"2011-11-29	22:00:00"	9.55	40.75	10.04	14.12	6.956	35.75	13.11	10.54	41.53	40.62	0.91	42.95	41.35	26.663	0	0	
"2011-11-29	23:00:00"	9.23	51.21	10.16	13.52	6.528	49.46	12.41	9.95	40.38	39.34	1.048	46.3	45.81	26.662	0	0	
"2011-11-30	00:00:00"	8.69	67.05	5.509	9.95	5.373	59.53	6.646	6.964	38.56	36.87	1.693	48.95	47.84	26.653	0	0	
"2011-11-30	01:00:00"	7.366	69.55	6.758	9.35	4.551	53.12	8.29	6.368	38.3	35.76	2.538	50.42	51.52	26.639	0	0	
"2011-11-30	02:00:00"	4.563	77.13	9.84	7.561	3.063	12.89	36.91	4.578	37.88	34.67	3.208	52.08	52.95	26.622	0	0	
"2011-11-30	03:00:00"	1.201	252.2	67.54	3.982	2.484	310.6	15.9	4.578	36.31	33.21	3.102	54.87	56.88	26.615	0	0	
"2011-11-30	04:00:00"	1.007	259.6	15.74	2.789	3.05	309.7	6.204	4.578	35.59	31.57	4.02	57.1	58.97	26.601	0	0	
"2011-11-30	05:00:00"	3.16	238.7	19.77	5.175	1.973	297.3	19.68	4.578	36.19	31.68	4.518	55.93	61.01	26.576	0	0	
"2011-11-30	06:00:00"	3.559	203.7	9.54	5.175	1	193.5	28.98	1	36.37	32.29	4.083	54.77	60.46	26.56	0	0	
"2011-11-30	07:00:00"	4.392	212.1	11.64	6.368	1.802	214.4	23.78	3.982	35.77	31.96	3.807	55.5	61.02	26.554	0	0	
"2011-11-30	08:00:00"	4.137	231.3	9.75	6.368	2.89	253.5	11.9	4.578	35.87	33.43	2.446	55.33	60.01	26.559	10.331	0	
"2011-11-30	09:00:00"	4.722	216.7	18.33	8.16	3.702	228	27.32	6.964	38.36	37.47	0.888	51.87	54.22	26.56	141.91	0	
"2011-11-30	10:00:00"	11.09	186.5	9.21	17.7	9.05	188.6	12.65	15.31	43.37	44.03	-0.666	44.17	42.21	26.554	315.63	0	
"2011-11-30	11:00:00"	14.21	183.5	8.75	19.49	11.63	184.2	12.03	17.1	48.28	49.53	-1.255	35.56	33.16	26.537	470.26	0	
"2011-11-30	12:00:00"	15.23	191.6	10.97	21.28	12.59	194.3	14.71	18.3	52.39	54.24	-1.846	30.2	27.37	26.516	578.18	0	
"2011-11-30	13:00:00"	14.7	188.7	10.94	21.87	12.12	190.8	14.37	19.49	55.21	57.41	-2.194	27.2	24.18	26.474	625.5	0	
"2011-11-30	14:00:00"	13.02	190	12.48	19.49	10.86	191.6	15.72	17.1	57.36	59.33	-1.974	24.83	21.96	26.43	593.52	0	
"2011-11-30	15:00:00"	11.55	192	13.14	18.89	9.55	194.6	16.35	18.89	58.79	59.49	-0.701	23.57	21.57	26.392	521.21	0	
"2011-11-30	16:00:00"	12.81	189.5	11.2	19.49	10.48	192.6	14.22	16.51	60.12	60.65	-0.536	22.16	20.25	26.367	384.37	0	
"2011-11-30	17:00:00"	13.76	194	10.19	19.49	11.33	196.2	12.85	17.1	60.63	60.75	-0.114	21.13	19.5	26.351	214.89	0	
"2011-11-30	18:00:00"	12.39	179.2	7.425	18.3	9.94	178.8	9.72	15.31	58.89	58.36	0.523	22.18	20.96	26.334	43.364	0	
"2011-11-30	19:00:00"	7.122	165.8	11.56	12.93	5.45	162.8	13.19	9.35	54.49	53.57	0.913	25.2	24.35	26.331	0.0918	0	
"2011-11-30	20:00:00"	7.686	161.5	11.47	15.31	5.969	162.1	13.16	11.74	51.74	51.02	0.728	28.48	27.54	26.33	0	0	
"2011-11-30	21:00:00"	12.39	153.7	8.8	18.3	10.42	152.7	8.2	17.1	49.81	49.35	0.465	32.26	31.2	26.32	0	0	
"2011-11-30	22:00:00"	9.07	168.7	15.89	17.7	7.277	170.1	18.56	14.12	47.21	46.66	0.55	36.04	35.14	26.321	0	0	
"2011-11-30	23:00:00"	12.5	174.9	7.321	17.7	9.81	174.9	9.73	14.72	47.64	47.06	0.577	37.91	37.08	26.321	0	0	
"2011-12-01	00:00:00"	10.28	180.1	9	15.91	8.41	181.2	11.21	14.12	45.91	45.4	0.503	44.76	43.83	26.324	0	0	
"2011-12-01	01:00:00"	12.38	179.5	8.5	18.89	9.76	179.6	11.17	15.91	44.21	43.71	0.498	49.58	48.76	26.309	0	0	
"2011-12-01	02:00:00"	9.77	187.2	8.96	19.49	7.627	190.8	11.81	14.72	42.58	42.05	0.531	52.52	51.85	26.298	0	0	
"2011-12-01	03:00:00"	7.129	187.9	6.26	11.14	5.179	190.9	8.86	8.75	40.71	39.91	0.8	55.46	55.2	26.29	0	0	
"2011-12-01	04:00:00"	7.938	186.5	6.153	11.14	5.709	188.7	8.57	8.75	39.71	39	0.712	56.06	55.68	26.285	0	0	
"2011-12-01	05:00:00"	6.373	197.1	7.968	8.75	4.415	202.9	10.73	6.368	39.08	38.11	0.97	57.47	57.49	26.285	0	0	
"2011-12-01	06:00:00"	6.175	220.9	12.8	9.95	4.803	223.9	12.78	8.16	39.55	38.69	0.852	56.31	56.59	26.294	0	0	
"2011-12-01	07:00:00"	7.103	211	10.98	10.54	5.571	217.6	11.63	9.35	39.8	39.18	0.614	55.28	55.02	26.316	0	0	
"2011-12-01	08:00:00"	7.411	203.2	8.73	11.14	5.361	206.9	11.24	8.16	39.48	38.91	0.567	55.81	55.38	26.33	9.7653	0	
"2011-12-01	09:00:00"	4.953	183.8	18.02	9.35	3.787	181.3	30.91	7.561	40.7	40.44	0.261	57.48	56.67	26.357	88.239	0	
"2011-12-01	10:00:00"	6.837	143.5	71.16	18.3	5.591	144.9	72.4	15.91	45.14	45.2	-0.061	52.93	51.7	26.393	153.43	0	
"2011-12-01	11:00:00"	13.38	27.1	8.8	20.09	11	27.37	13.29	17.1	46.97	47.93	-0.962	46.94	43.8	26.436	326.4	0	
"2011-12-01	12:00:00"	12.79	33.83	10.97	18.3	10.54	34.47	13.56	15.91	50.6	51.83	-1.229	41.09	38.33	26.445	444.06	0	
"2011-12-01	13:00:00"	14.72	39.49	13.87	24.26	12.08	40.8	16.1	20.09	55.8	57.51	-1.71	33.08	30.41	26.443	592.59	0	
"2011-12-01	14:00:00"	19.11	35.9	11.38	26.05	15.6	36.43	13.77	23.66	55.92	57.86	-1.94	32.15	28.94	26.443	571.93	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-01	15:00:00"	20.34	39.25	9.71	28.43	16.38	39.46	11.9	25.45	55.24	56.91	-1.668	32.87	29.5	26.454	478.1	0
"2011-12-01	16:00:00"	22.91	37.77	9.86	33.21	18.43	37.94	11.81	27.84	54.29	55.57	-1.279	35.11	32.09	26.465	341.08	0
"2011-12-01	17:00:00"	23.25	36.46	8.68	33.21	18.85	36.76	10.96	29.03	51.85	52.78	-0.931	37.88	35.02	26.487	180.59	0
"2011-12-01	18:00:00"	23.74	34.83	7.776	35.59	19.03	35.65	10.38	27.84	48.3	48.57	-0.269	41.88	39.31	26.519	29.134	0
"2011-12-01	19:00:00"	23.01	36.76	7.961	32.01	18.34	37.44	10.44	29.03	45.5	45.57	-0.063	44.39	42.23	26.553	0.01323	0
"2011-12-01	20:00:00"	25.79	28.65	7.219	39.77	21.04	28.96	10.29	33.8	42.39	42.61	-0.229	47.58	44.94	26.585	0	0
"2011-12-01	21:00:00"	26.31	25.94	6.917	36.78	21.47	25.63	10.7	32.01	39.55	39.83	-0.288	53.17	50.57	26.638	0	0
"2011-12-01	22:00:00"	26.76	29.82	7.216	37.98	21.84	30.32	10.54	33.21	38.19	38.47	-0.288	57.39	54.76	26.656	0	0
"2011-12-01	23:00:00"	26.95	32.25	7.623	36.78	21.85	32.88	10.37	33.21	36.71	37.04	-0.336	61.76	59.03	26.667	0	0
"2011-12-02	00:00:00"	25.24	37.07	7.774	35.59	20.33	37.52	10.14	30.22	35.43	35.78	-0.347	64.91	62.19	26.673	0	0
"2011-12-02	01:00:00"	25.29	35.9	7.978	36.19	20.26	36.24	10.2	31.42	34.25	34.6	-0.352	68.23	65.46	26.658	0	0
"2011-12-02	02:00:00"	20.16	34.63	8.01	32.01	16.2	35.04	10.29	26.65	33.29	33.62	-0.332	70.62	67.96	26.661	0	0
"2011-12-02	03:00:00"	17.59	31.62	7.569	24.86	14.42	31.79	10.37	20.68	32.81	33.14	-0.336	71.44	68.9	26.667	0	0
"2011-12-02	04:00:00"	14.6	29.05	7.638	23.07	11.98	29.13	10.82	22.47	31.63	31.89	-0.264	77.27	75.62	26.67	0	0
"2011-12-02	05:00:00"	12.76	28.83	7.457	18.89	10.57	29.35	10.92	17.1	31.07	31.37	-0.297	80.8	79.38	26.665	0	0
"2011-12-02	06:00:00"	13.05	26.91	6.584	18.3	10.87	27.34	10.57	16.51	30.38	30.68	-0.295	81.9	80.5	26.648	0	0
"2011-12-02	07:00:00"	11.94	32.07	9.04	17.7	9.93	32.4	11.32	16.51	30	30.25	-0.251	82.5	81.2	26.643	0	0
"2011-12-02	08:00:00"	9.71	30.47	9.19	13.52	8.16	30.35	12.24	12.93	30.06	30.34	-0.279	82.9	81.6	26.65	0.88021	0
"2011-12-02	09:00:00"	8.8	29.1	6.831	12.33	7.614	29.3	10.06	11.74	29.95	30.28	-0.333	83.1	81.9	26.644	12.29	0
"2011-12-02	10:00:00"	7.334	27.57	8.6	10.54	6.342	27.35	12.31	9.35	30.11	30.52	-0.412	83.3	82.2	26.637	35.029	0
"2011-12-02	11:00:00"	6.288	58.17	15.43	8.75	5.453	58.84	16.72	7.561	30.61	31.05	-0.439	83.6	82.4	26.632	54.373	0
"2011-12-02	12:00:00"	5.559	46.11	13.72	8.75	4.955	45.78	15.56	8.16	30.83	31.38	-0.552	84.1	83.4	26.616	64.317	0.02
"2011-12-02	13:00:00"	6.381	53.24	14.2	9.35	5.598	53.23	15.24	9.35	31.02	31.6	-0.578	85.3	84.9	26.58	75.308	0
"2011-12-02	14:00:00"	6.271	64.18	14.19	9.95	5.486	62.74	15.78	9.95	31.65	32.17	-0.524	85.6	85.4	26.534	73.468	0
"2011-12-02	15:00:00"	3.919	82.4	16.53	7.561	3.612	79.21	19.17	6.368	31.82	32.83	-1.019	85.8	84.2	26.51	45.445	0
"2011-12-02	16:00:00"	4.057	83.6	16.44	7.561	3.591	81	18.92	6.368	31.93	32.9	-0.966	86.3	85	26.487	37.549	0
"2011-12-02	17:00:00"	6.05	88.9	11.15	9.35	5.319	86.1	13.06	8.75	32.24	32.81	-0.574	86.7	85.6	26.464	22.372	0
"2011-12-02	18:00:00"	7.174	101	8.63	10.54	6.116	99.7	10.26	9.35	32.3	32.95	-0.657	86.8	85.7	26.451	4.4581	0
"2011-12-02	19:00:00"	8.14	106.9	9.11	11.14	6.749	105.9	11.96	9.95	32.38	32.98	-0.603	86.9	86.5	26.436	0.69254	0
"2011-12-02	20:00:00"	8.51	106.8	7.991	12.93	7.157	105.6	10.49	11.74	32.54	33.22	-0.687	87.3	86.8	26.427	0.68851	0
"2011-12-02	21:00:00"	8.43	114.4	8.86	12.93	7.073	115	12.2	11.74	32.7	33.25	-0.551	87.5	87	26.416	0.44474	0
"2011-12-02	22:00:00"	7.989	108.3	8.8	10.54	6.973	107.1	11.11	10.54	32.7	33.3	-0.603	87.5	87.1	26.396	0.34536	0
"2011-12-02	23:00:00"	6.951	109.2	8.2	10.54	6.058	107.4	11.41	9.95	32.71	33.38	-0.666	87.7	87.1	26.379	0.34593	0
"2011-12-03	00:00:00"	7.441	102.7	8.64	11.74	6.504	100.6	10.87	11.14	32.87	33.37	-0.504	87.7	87.1	26.343	0.34564	0
"2011-12-03	01:00:00"	4.651	110.9	43.35	7.561	3.899	107.2	47.36	6.368	32.95	33.7	-0.743	87.9	86.9	26.327	0.54211	0
"2011-12-03	02:00:00"	3.549	331.1	49.08	8.16	2.703	329.9	49.93	6.964	33.17	33.75	-0.585	88	87.3	26.311	0.67592	0
"2011-12-03	03:00:00"	3.225	331.8	64.8	9.35	2.61	340.1	63.3	8.75	33.47	34.1	-0.623	88.1	86.6	26.3	0.69066	0.01
"2011-12-03	04:00:00"	3.061	277.1	65.2	9.95	2.41	288.5	64.22	8.16	33.8	34.13	-0.324	88.2	87.3	26.308	0.69061	0
"2011-12-03	05:00:00"	12.4	280.2	9.08	18.3	8.52	284.3	11.54	15.31	34.7	34.5	0.204	88.2	87.8	26.341	0.69059	0
"2011-12-03	06:00:00"	5.009	154.4	85.2	10.54	3.616	149.4	89.2	7.561	34.66	35.02	-0.352	88.1	85.7	26.303	0.69059	0.01
"2011-12-03	07:00:00"	3.469	235.2	44.68	6.964	2.951	243.4	47.46	6.368	34.64	34.67	-0.029	87.9	85.7	26.3	0.63746	0
"2011-12-03	08:00:00"	6.468	236	15.5	9.95	5.354	236.3	18.68	8.16	34.05	33.85	0.2	87.4	86.6	26.32	4.2807	0
"2011-12-03	09:00:00"	6.415	226.1	16.16	9.95	5.356	227.2	17.39	8.75	34.03	33.93	0.096	87.5	87.1	26.342	146.34	0
"2011-12-03	10:00:00"	8.59	239.8	13.14	14.12	7.2	243.8	15.94	12.33	37.59	37.72	-0.127	87.9	84.2	26.364	313.89	0
"2011-12-03	11:00:00"	10.79	247.7	10.73	18.3	8.81	251.7	14.03	15.91	44.3	44.76	-0.458	79.86	75.83	26.386	465.28	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-03	12:00:00"	13.1	258.7	12.37	18.89	10.52	262.8	14.81	17.7	50.31	50.52	-0.208	61.52	61.06	26.387	559.01	0	
"2011-12-03	13:00:00"	12.31	267.7	14.21	21.28	9.4	271.9	16.3	17.7	53.21	53.99	-0.78	47.76	47	26.38	602.71	0	
"2011-12-03	14:00:00"	13	270.3	15.66	23.07	9.77	274.2	16.94	19.49	55.37	56.2	-0.832	35.85	35.03	26.37	569.01	0	
"2011-12-03	15:00:00"	15.15	275.4	16.24	26.05	11.03	280.1	17.23	20.68	56.16	56.86	-0.708	29.81	28.87	26.367	499.51	0	
"2011-12-03	16:00:00"	15.41	286.1	12.2	25.45	10.13	290.1	14.4	20.09	55.97	56.3	-0.322	33	32.04	26.377	364.61	0	
"2011-12-03	17:00:00"	10.23	290.1	13.28	17.7	6.625	293.6	15.36	14.72	55.11	55.48	-0.376	34.04	33.03	26.394	202.58	0	
"2011-12-03	18:00:00"	9.26	328.8	14.16	14.12	6.228	332.5	15.89	11.14	52.84	51.85	0.983	38.7	39.52	26.404	37.944	0	
"2011-12-03	19:00:00"	8.99	345.2	4.841	11.74	5.151	348.5	9.59	7.561	48.23	46.55	1.679	45.66	49.11	26.423	0.04677	0	
"2011-12-03	20:00:00"	11.56	3.742	19.43	18.89	8.43	3.801	20.78	15.31	47.62	46.58	1.036	49.92	51.66	26.449	0	0	
"2011-12-03	21:00:00"	14.99	23.01	9.37	25.45	11.86	23.66	13.29	20.68	43.57	42.82	0.758	62.44	63.65	26.472	0	0	
"2011-12-03	22:00:00"	15.6	37.22	13.52	26.05	12.45	38.34	15.68	21.87	39.31	38.69	0.629	69.73	70.27	26.488	0	0	
"2011-12-03	23:00:00"	15.9	44.22	8.25	23.66	12.59	45.71	9.8	20.09	36.32	35.82	0.496	68.21	68.37	26.505	0	0	
"2011-12-04	00:00:00"	14.63	44.45	8.88	20.68	11.72	45.13	10.33	18.89	34.71	34.21	0.494	69.43	69.79	26.501	0	0	
"2011-12-04	01:00:00"	13.6	36.1	9.06	18.3	10.79	36.97	11.02	15.31	32.44	31.8	0.641	72.22	73.27	26.481	0	0	
"2011-12-04	02:00:00"	14.08	26.7	6.402	18.89	11.26	27.84	9.72	15.91	30.48	29.94	0.542	74.15	74.98	26.472	0	0	
"2011-12-04	03:00:00"	13.3	26.78	14.37	20.09	10.33	27	17.92	17.7	29.91	29.44	0.462	74.32	74.77	26.467	0	0	
"2011-12-04	04:00:00"	8.93	43.81	10.72	12.33	7.085	44.98	12.23	10.54	29.36	29.01	0.351	75.23	75.47	26.482	0	0	
"2011-12-04	05:00:00"	7.978	20.7	8.45	11.74	6.314	20.21	12.89	11.14	29.13	28.95	0.186	76.67	77.16	26.481	0	0	
"2011-12-04	06:00:00"	7.184	20.44	10.49	12.33	5.671	19.39	15.27	9.35	29.1	29.09	0.007	77.54	77.09	26.476	0	0	
"2011-12-04	07:00:00"	7.844	37.94	13.47	12.93	6.36	39.13	14.38	11.14	29.33	29.28	0.049	77.44	76.74	26.485	0	0	
"2011-12-04	08:00:00"	10.24	42.09	8.92	14.72	8.28	43.16	10.35	12.33	29.52	29.25	0.271	74.29	73.95	26.499	4.6638	0	
"2011-12-04	09:00:00"	9.57	41.48	10.38	14.72	7.723	42.07	11.88	13.52	29.9	29.82	0.077	73.14	72.8	26.504	30.491	0	
"2011-12-04	10:00:00"	7.483	82.5	13.34	11.14	6.352	81.5	14.03	9.95	31.12	31.55	-0.424	71.28	69.92	26.509	84.687	0	
"2011-12-04	11:00:00"	7.171	102.2	18.86	12.93	6.019	100.7	22.74	11.14	32.76	33.65	-0.886	69.26	67.07	26.504	166.14	0	
"2011-12-04	12:00:00"	5.955	114.4	33.6	10.54	5.019	111.6	36.75	9.95	34.97	35.73	-0.756	65.46	63.42	26.488	235.87	0	
"2011-12-04	13:00:00"	3.42	126.1	50.69	8.16	2.92	124.3	54.05	7.561	37.03	38.08	-1.044	62.27	59.66	26.469	257.17	0	
"2011-12-04	14:00:00"	3.819	130.9	32.01	8.16	3.275	129.4	41.33	6.964	38.51	39.36	-0.851	61.81	59.41	26.437	169.15	0	
"2011-12-04	15:00:00"	4.626	105.4	35.42	9.35	3.993	105.9	39.04	8.16	39.67	40.74	-1.077	59	56.22	26.41	181.69	0	
"2011-12-04	16:00:00"	6.887	82.8	21.87	11.14	5.938	82.4	23.06	9.95	40.65	41.47	-0.82	57.48	55.13	26.393	124.08	0	
"2011-12-04	17:00:00"	9.42	67.58	11.83	14.72	7.812	68.02	13	12.93	40.78	41.13	-0.349	59.16	57.46	26.382	84.757	0	
"2011-12-04	18:00:00"	10.81	80.4	7.646	15.91	8.39	79.71	9.11	14.12	40.7	40.54	0.156	59.48	58.42	26.377	29.202	0	
"2011-12-04	19:00:00"	9.29	62.81	11.6	13.52	7.297	61.61	11.92	11.14	38.71	38.28	0.424	64.28	64	26.378	0.02244	0	
"2011-12-04	20:00:00"	11.75	60.87	7.714	17.1	9.51	60.03	8.89	14.72	38.38	38.15	0.226	66.31	65.74	26.388	0	0	
"2011-12-04	21:00:00"	12.64	51.48	9.47	18.89	10.39	52.43	10.19	17.1	37.89	37.61	0.289	67.18	66.89	26.401	0	0	
"2011-12-04	22:00:00"	7.352	38.73	19.48	15.31	5.935	37.66	21.22	12.93	36.05	35.92	0.125	73.06	73.9	26.457	0	0.03	
"2011-12-04	23:00:00"	5.847	22.54	17.11	10.54	4.501	22.34	21.13	8.16	32.89	33.35	-0.463	84.3	84.4	26.484	0.15809	0.08	
"2011-12-05	00:00:00"	9.51	51.87	10.55	15.31	8.18	51.65	10.65	14.12	32.71	32.52	0.19	86	87	26.481	0.41455	0.03	
"2011-12-05	01:00:00"	12.2	61.3	6.866	16.51	10.22	59.76	8.21	15.31	32.45	32.27	0.174	86.4	87	26.476	0.60499	0.04	
"2011-12-05	02:00:00"	14.61	66.23	7.166	21.87	11.88	65.07	8.75	17.7	31.95	31.84	0.111	86.5	86.6	26.452	0.12041	0.01	
"2011-12-05	03:00:00"	14.58	66.93	7.082	21.28	11.93	65.45	8.73	18.3	30.62	30.55	0.073	85.5	84.9	26.463	0	0	
"2011-12-05	04:00:00"	14.09	64.44	7.226	20.09	11.66	63.29	8.46	17.7	30.3	30.26	0.043	84.4	84.4	26.469	0	0	
"2011-12-05	05:00:00"	12.74	61.78	7.219	18.3	10.63	59.99	8.26	15.91	30.09	30.09	0.009	84.5	84.6	26.481	0	0	
"2011-12-05	06:00:00"	12.62	59.58	10.03	18.89	10.45	58.61	10.31	17.1	29.54	29.56	-0.017	84.6	84.5	26.499	0	0.01	
"2011-12-05	07:00:00"	11.44	62.46	9.12	18.89	9.66	61.62	9.99	15.31	28.67	28.76	-0.086	83.8	83.1	26.533	0	0	
"2011-12-05	08:00:00"	9.11	63.6	10.13	13.52	7.613	62.77	10.66	11.14	28.2	28.3	-0.103	84.1	83.6	26.561	1.3358	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-05	09:00:00"	9.01	48.38	9.23	15.91	7.647	49.44	9.62	14.12	28.33	28.43	-0.109	83.7	83	26.582	20.286	0	
"2011-12-05	10:00:00"	12.25	53.12	9.96	18.89	10.44	53.52	10.1	17.7	28.34	28.38	-0.041	82.2	81.7	26.594	69.335	0	
"2011-12-05	11:00:00"	14.34	63.06	7.869	21.28	12.36	61.64	8.79	19.49	28.28	28.38	-0.108	80	79.93	26.596	146.92	0	
"2011-12-05	12:00:00"	13.11	61.91	8.2	18.3	11.21	60.89	9.46	16.51	28.54	28.76	-0.226	78.19	78.4	26.594	166.91	0	
"2011-12-05	13:00:00"	12.51	52.52	9.59	18.89	10.73	52.77	9.9	18.3	28.5	28.72	-0.212	77.91	77.6	26.589	89.058	0	
"2011-12-05	14:00:00"	13.01	38.82	9.84	18.89	10.81	39.27	10.86	17.7	27.62	27.8	-0.178	79.91	80.2	26.569	71.693	0	
"2011-12-05	15:00:00"	14.38	39.97	8.18	20.09	11.8	39.86	9.57	17.1	26.96	27.19	-0.229	80.1	80.1	26.554	69.69	0	
"2011-12-05	16:00:00"	14.3	33.39	8.61	20.09	11.9	33.93	10.16	19.49	25.97	26.2	-0.234	79.34	79.22	26.554	46.05	0	
"2011-12-05	17:00:00"	15.34	29.23	7.266	21.87	12.69	29.81	10.05	18.89	24.6	24.85	-0.245	76.91	76.74	26.571	22.533	0	
"2011-12-05	18:00:00"	14.98	31.76	8.33	21.28	12.28	31.65	10.64	18.89	23.47	23.52	-0.056	75.23	75.58	26.585	6.898	0	
"2011-12-05	19:00:00"	14.73	23.57	7.008	20.68	12.08	24.08	10.03	18.3	22.13	22.22	-0.085	75.27	75.45	26.599	0.02476	0	
"2011-12-05	20:00:00"	14.57	23.08	7.102	20.68	11.89	23.2	9.86	18.3	21.16	21.21	-0.052	74.67	74.78	26.624	0	0	
"2011-12-05	21:00:00"	13.33	23.78	6.372	18.89	10.98	23.79	9.34	16.51	20.49	20.57	-0.079	74.35	74.48	26.643	0.0001	0	
"2011-12-05	22:00:00"	13.62	20.94	7.088	19.49	10.98	20.78	10.29	17.1	20.03	19.99	0.037	73.27	73.38	26.652	0	0	
"2011-12-05	23:00:00"	11.19	14.85	6.392	16.51	9.04	13.46	10.86	14.12	19.29	19.28	0.005	73.89	74.1	26.66	0.0001	0	
"2011-12-06	00:00:00"	11.72	18.97	8.74	15.31	9.52	18.16	13.11	14.12	19.19	19.26	-0.071	73.81	73.98	26.661	0.00221	0	
"2011-12-06	01:00:00"	11.69	10.02	7.291	15.91	9.19	7.92	11.66	12.93	18.63	18.7	-0.078	74.31	74.51	26.662	0.00029	0	
"2011-12-06	02:00:00"	11.57	11.19	7.392	16.51	9.04	9.07	11.01	14.72	17.88	17.86	0.019	73.67	73.88	26.664	0	0	
"2011-12-06	03:00:00"	8.67	5.105	11.69	15.31	6.696	2.541	13.71	12.33	16.61	16.62	-0.017	73.42	73.28	26.665	0.00422	0	
"2011-12-06	04:00:00"	6.969	354.4	11.87	11.74	5.84	352.7	11.58	10.54	15.46	15.38	0.078	73.22	72.81	26.661	0.01498	0	
"2011-12-06	05:00:00"	6.643	351.1	9.59	10.54	5.171	350.3	11.1	8.16	12.82	12.86	-0.039	73.32	72.07	26.652	0.10746	0	
"2011-12-06	06:00:00"	7.564	348.6	10.26	11.74	5.64	348.4	10.9	9.95	11.96	12.06	-0.101	72.74	72.07	26.642	0.08634	0	
"2011-12-06	07:00:00"	8.82	358.9	13.33	12.33	6.748	355.8	12.61	9.95	13.38	13.38	0.006	71.69	71.66	26.644	0.11918	0	
"2011-12-06	08:00:00"	5.693	348.9	16.54	9.35	3.841	348	16.46	6.368	12.1	12.91	-0.803	72.69	70.83	26.662	3.7254	0	
"2011-12-06	09:00:00"	9.59	345.3	12.73	14.72	7.345	344.5	13.18	12.33	14.65	14.79	-0.144	71.54	71.42	26.673	56.235	0	
"2011-12-06	10:00:00"	10.82	343.1	9.37	14.72	8.24	343.1	10.9	12.33	15.03	15.13	-0.103	68.39	69.31	26.677	285.34	0	
"2011-12-06	11:00:00"	8.41	345.3	13.59	11.74	6.656	344.8	13.7	9.95	15.84	16.2	-0.362	66.72	67.79	26.67	438.96	0	
"2011-12-06	12:00:00"	7.285	318.7	15.89	10.54	5.226	321.4	17.27	9.35	17.82	18.17	-0.353	66.94	68.33	26.661	574.91	0	
"2011-12-06	13:00:00"	6.539	287.4	13.46	9.95	4.498	290.8	15.33	8.16	19.98	20.3	-0.322	66.88	67.94	26.635	597.65	0	
"2011-12-06	14:00:00"	7.685	264.9	14.78	12.33	5.896	268.4	17.28	11.14	21.92	22.41	-0.487	67.21	68.28	26.607	538.71	0	
"2011-12-06	15:00:00"	9.31	260.9	13.95	14.12	7.224	265.4	16.93	12.33	23.84	24.28	-0.438	67.83	68.69	26.577	435.53	0	
"2011-12-06	16:00:00"	10.23	260.5	11.11	15.31	7.951	266.3	13.05	12.33	26.82	26.98	-0.152	66.28	67.08	26.564	351.55	0	
"2011-12-06	17:00:00"	10.93	253.5	9.89	15.31	8.55	258.1	13.34	13.52	28.13	28.18	-0.046	63.61	64.27	26.565	221.56	0	
"2011-12-06	18:00:00"	8.07	254.1	9.12	12.33	6.445	261.6	11.59	10.54	27.9	27.66	0.243	68.17	68.8	26.563	49.249	0	
"2011-12-06	19:00:00"	6.728	246.6	8.44	9.95	5.236	250.2	11.42	8.16	26.51	26.28	0.236	71.03	71.41	26.561	0.10996	0	
"2011-12-06	20:00:00"	6.579	251.1	12.31	9.35	5.037	256.9	14.86	7.561	25.36	25	0.366	72.97	73.32	26.569	0	0	
"2011-12-06	21:00:00"	5.934	250.5	15.71	8.75	4.664	253.2	19.28	8.16	24.28	23.94	0.343	75.03	75.07	26.581	0	0	
"2011-12-06	22:00:00"	6.235	253	9.26	9.35	4.572	257.8	11.88	6.964	22.92	22.53	0.385	75.29	75.48	26.597	0	0	
"2011-12-06	23:00:00"	6.023	257.2	9.23	10.54	4.341	258.1	13.14	7.561	22.82	22.24	0.586	73.92	74.29	26.602	0	0	
"2011-12-07	00:00:00"	8.7	263.4	8.39	12.93	6.579	268	9.4	10.54	24.64	24.09	0.547	70.29	70.6	26.603	0	0	
"2011-12-07	01:00:00"	6.205	277.4	18.1	8.75	3.555	289.8	21.38	6.964	22.91	20.59	2.314	71.36	73.46	26.612	0	0	
"2011-12-07	02:00:00"	8.62	303.7	6.676	12.33	3.653	311.5	9.68	8.16	21.18	18.38	2.801	73.15	75.3	26.618	0.00557	0	
"2011-12-07	03:00:00"	10.72	308.9	3.66	12.93	6.157	318.3	6.898	8.75	21.86	20.07	1.784	71.94	73.85	26.607	0.00326	0	
"2011-12-07	04:00:00"	11.36	304.2	4.524	14.72	5.91	313	7.36	8.75	22.35	20.91	1.434	69.44	71.51	26.606	0.00029	0	
"2011-12-07	05:00:00"	11.9	306.2	4.679	15.31	6.68	315.1	7.144	9.95	23.17	21.73	1.441	64.87	67.85	26.602	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-07	06:00:00"	12.29	298.6	7.377	16.51	6.056	304.9	9.75	9.35	23.12	22.02	1.108	66.26	68.57	26.599	0
"2011-12-07	07:00:00"	14.64	310.2	7.538	20.09	8.61	314.8	9.14	15.91	23.43	22.57	0.852	66.2	68.06	26.602	0
"2011-12-07	08:00:00"	14.68	316.9	7.382	20.68	9.52	320.8	8.85	14.72	25.63	24.51	1.126	62.03	64.81	26.602	7.9441
"2011-12-07	09:00:00"	12.42	328	6.003	15.91	8.6	330.3	7.789	12.33	29.18	27.98	1.209	56.53	60.89	26.609	130.57
"2011-12-07	10:00:00"	9.09	328.6	8.94	14.12	6.468	331.5	10.93	11.14	34.94	34.21	0.737	51.31	56.3	26.624	300.18
"2011-12-07	11:00:00"	7.361	335.6	10.63	11.74	5.744	336.8	11.67	11.14	36.92	37.05	-0.129	52.19	55.27	26.639	450.5
"2011-12-07	12:00:00"	6.215	319	11.32	9.95	4.787	322.7	12.26	8.75	39.19	39.35	-0.156	50.96	54.04	26.635	554.74
"2011-12-07	13:00:00"	7.677	309.2	11	12.33	5.375	311.5	12.88	9.95	44.17	44.9	-0.731	41.23	42.82	26.616	598.76
"2011-12-07	14:00:00"	6.104	302.8	17.23	9.95	4.696	307.2	19.08	8.75	45.96	47.41	-1.453	39.32	39.08	26.591	567.61
"2011-12-07	15:00:00"	5.283	258.1	24.92	8.75	4.623	260.2	25.95	8.75	48.28	50.47	-2.183	35.89	33.83	26.573	498.33
"2011-12-07	16:00:00"	6.566	205.5	19.87	13.52	5.744	207.2	21.77	11.74	49.35	51.57	-2.225	40.58	37.53	26.56	368.57
"2011-12-07	17:00:00"	7.925	190.2	10.27	11.74	6.748	191.3	12.49	11.14	47.91	49.73	-1.824	38.22	36.31	26.549	180.46
"2011-12-07	18:00:00"	6.601	179.9	7.965	11.14	5.139	178.6	10.51	8.75	45.68	46.33	-0.652	37.34	37.27	26.539	31.72
"2011-12-07	19:00:00"	5.146	179.8	10.23	8.16	3.601	176.6	12.93	7.561	42.24	41.47	0.766	42.6	43.78	26.532	0.05187
"2011-12-07	20:00:00"	2.587	189.3	14.85	6.368	1.374	173.8	32.81	4.578	40.56	38.67	1.888	45.42	47.82	26.534	0
"2011-12-07	21:00:00"	2.731	162.7	20.34	5.771	1.708	128.8	42.31	3.386	39.53	37.23	2.303	46.75	51.15	26.534	0
"2011-12-07	22:00:00"	4.712	153.7	9.52	8.75	2.891	145.9	20.91	6.964	38.2	35.73	2.461	50.56	54.95	26.533	0
"2011-12-07	23:00:00"	6.052	168.7	8.25	11.74	5.561	172	9.9	9.95	37.2	35.64	1.557	52.28	56.56	26.522	0
"2011-12-08	00:00:00"	6.591	165.2	9.81	10.54	4.8	163.4	12.81	8.16	35.68	34.68	1.008	55.83	57.68	26.507	0
"2011-12-08	01:00:00"	6.233	203	12.37	9.35	4.411	207	14.39	7.561	34.46	33.11	1.353	57.01	59.61	26.494	0
"2011-12-08	02:00:00"	8.09	208.7	8.56	12.93	5.884	212.1	10.75	9.95	33.39	32.35	1.047	59.25	61.17	26.479	0
"2011-12-08	03:00:00"	6.361	212.9	10.81	11.14	4.745	216.3	12.56	9.35	32.05	31.18	0.865	61.57	62.58	26.462	0
"2011-12-08	04:00:00"	5.725	206.6	10.24	8.75	4.118	209.7	12.13	6.368	31.2	30.14	1.058	63.74	64.64	26.444	0
"2011-12-08	05:00:00"	6.36	208	7.596	8.75	4.609	211.3	10.61	7.561	30.52	29.15	1.375	65.53	66.95	26.437	0
"2011-12-08	06:00:00"	6.233	206.1	10.19	8.16	4.486	210.3	13.55	6.368	30.11	29	1.109	66.18	67.54	26.43	0
"2011-12-08	07:00:00"	7.453	207.7	8.52	11.14	5.478	211.5	11.26	8.16	28.99	28.05	0.94	67.64	69.05	26.428	0
"2011-12-08	08:00:00"	6.768	218	11.7	9.95	5.42	219.6	12.43	8.16	28.21	27.63	0.579	68.95	69.66	26.431	5.8094
"2011-12-08	09:00:00"	4.889	231.6	23.99	9.35	4.057	236.7	25.48	8.16	29.42	29.21	0.211	69.63	70.24	26.443	123.94
"2011-12-08	10:00:00"	5.111	222	23.37	9.95	4.619	224.6	23.77	9.35	33.7	34.16	-0.467	65.03	64.95	26.448	295.31
"2011-12-08	11:00:00"	7.939	207.5	11.03	12.33	6.914	209.5	14.26	11.14	36.5	37.67	-1.164	62.17	59.93	26.453	446.64
"2011-12-08	12:00:00"	8.76	218.5	15.56	13.52	7.545	221	16.24	12.33	39.92	40.59	-0.669	57.92	56.56	26.447	552.7
"2011-12-08	13:00:00"	8.46	239.3	13.96	14.12	7.388	241.4	16.66	13.52	45.28	45.91	-0.627	48.36	47.17	26.428	591.72
"2011-12-08	14:00:00"	8.09	247	13.77	12.93	6.849	250.1	16.98	12.33	49.59	50.38	-0.792	39.81	38.89	26.407	541.17
"2011-12-08	15:00:00"	8.5	258.3	15.04	14.12	6.868	262.1	16.96	12.33	52.52	53.21	-0.684	34.53	33.96	26.39	405.29
"2011-12-08	16:00:00"	6.59	270.5	12.37	11.14	5.202	273.7	14.77	9.35	54.27	54.96	-0.683	32.65	31.99	26.38	341.77
"2011-12-08	17:00:00"	6.266	259.1	14.93	9.95	4.894	261.4	17.2	8.75	55.28	55.35	-0.069	31.92	32.13	26.38	195.57
"2011-12-08	18:00:00"	4.224	263	34.95	6.368	2.838	265.9	41.41	5.175	53.31	52.13	1.18	37.19	39.48	26.387	40.088
"2011-12-08	19:00:00"	4.694	334.5	24.25	8.16	3.792	353.1	30.06	5.771	50.03	44.26	5.77	39.34	49.84	26.401	0.01025
"2011-12-08	20:00:00"	9.03	333.1	12.33	11.14	4.854	355.7	10.83	6.964	49.47	38.75	10.72	37.52	58.94	26.416	0
"2011-12-08	21:00:00"	10.15	352.1	14.8	11.14	5.114	359.6	9.62	6.368	44.53	37.13	7.408	45.2	60.77	26.432	0
"2011-12-08	22:00:00"	9.52	6.502	21.84	11.74	4.707	1.977	9.22	6.368	43.73	34.45	9.29	49.58	67.32	26.447	0
"2011-12-08	23:00:00"	12.54	16.51	6.338	16.51	8.69	15.4	11.86	14.12	37.18	34.88	2.302	63.42	69.16	26.464	0
"2011-12-09	00:00:00"	13.44	20.8	5.639	17.7	10.25	21.29	10.43	14.72	34.26	33.33	0.932	71.19	73.32	26.477	0
"2011-12-09	01:00:00"	14.32	17.46	4.613	17.7	10.9	17.15	9.83	15.31	32.45	31.83	0.624	74.77	76.13	26.481	0
"2011-12-09	02:00:00"	13.44	12.97	5.958	17.1	10.16	11.19	11.56	14.72	31.7	31.14	0.56	75.99	77.08	26.486	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-09	03:00:00"	13.56	7.368	6.912	18.3	10.15	5.026	11.41	15.31	30.91	30.4	0.506	77.58	78.46	26.494	0	0
"2011-12-09	04:00:00"	13.79	7.921	7.448	18.89	10.55	5.718	12.28	15.91	30.76	30.32	0.445	77.55	78.23	26.497	0	0
"2011-12-09	05:00:00"	12.83	6.297	8.37	16.51	9.71	3.305	12.62	15.91	29.71	29.21	0.5	78.09	78.84	26.5	0	0
"2011-12-09	06:00:00"	11.83	6.244	9	15.91	8.9	4.017	12.85	14.12	29.25	28.69	0.556	77.84	78.68	26.508	0	0
"2011-12-09	07:00:00"	11.24	4.963	9.56	14.72	8.27	1.849	13.6	11.74	28.42	27.82	0.6	78.41	79.33	26.531	0	0
"2011-12-09	08:00:00"	12.74	6.667	9.56	17.1	9.67	4.223	12.69	14.72	28.23	27.71	0.525	78.56	79.23	26.553	3.0484	0
"2011-12-09	09:00:00"	12.13	7.231	10.33	17.1	9.35	4.117	13.56	14.12	29.45	29.32	0.13	77.44	77.64	26.593	108.13	0
"2011-12-09	10:00:00"	12.72	19.12	6.823	17.1	10.41	19.42	11.66	15.31	33.3	33.61	-0.311	73.18	72.75	26.622	282.71	0
"2011-12-09	11:00:00"	10.76	32.63	10.39	14.72	9.07	33.69	12.8	14.12	36.6	37.38	-0.778	69.38	68.02	26.652	425.23	0
"2011-12-09	12:00:00"	9.04	46.81	15.1	13.52	7.714	47.78	16.34	12.33	40.13	41.18	-1.05	64.11	62.34	26.656	530.69	0
"2011-12-09	13:00:00"	8.66	57.67	17.79	16.51	7.449	57.19	18.59	15.31	42.85	44.11	-1.256	58.15	56.25	26.648	577.17	0
"2011-12-09	14:00:00"	8.72	51.38	19.63	13.52	7.579	52.89	19.8	12.33	44.73	46.05	-1.323	54.39	52.21	26.631	547.89	0
"2011-12-09	15:00:00"	9.24	49.55	18.37	15.31	7.961	51.13	20.21	12.93	45.97	47.05	-1.079	51.61	49.79	26.623	477.99	0
"2011-12-09	16:00:00"	8.39	41.58	17.64	13.52	7.187	42.32	19.26	11.74	46.39	47.37	-0.975	49.56	47.84	26.63	343.1	0
"2011-12-09	17:00:00"	8.83	40.3	11.42	14.72	7.451	41.24	12.7	12.33	46.46	46.89	-0.423	49.18	48.17	26.641	189.85	0
"2011-12-09	18:00:00"	8.58	44.62	9.12	14.12	6.721	46.51	10.38	12.33	44.57	44.12	0.451	53.46	53.72	26.655	35.886	0
"2011-12-09	19:00:00"	8.57	50.37	5.733	13.52	6.101	51.15	7.367	11.14	40.5	39.54	0.967	62.21	63.46	26.674	0.01601	0
"2011-12-09	20:00:00"	10.51	48.26	8.48	15.31	8.31	50.22	8.95	12.93	36.79	36.36	0.432	71.45	71.74	26.701	0	0
"2011-12-09	21:00:00"	8.5	39.68	8.11	12.33	6.143	38.92	10.56	9.35	34.47	33.67	0.806	75.2	76.13	26.719	0	0
"2011-12-09	22:00:00"	8.38	52.52	8.93	11.74	5.709	51.52	9.9	8.75	33.49	32.54	0.946	75.91	76.99	26.735	0	0
"2011-12-09	23:00:00"	8.1	54.02	6.419	11.14	5.544	54.75	7.177	8.75	31.77	30.99	0.781	78.78	79.24	26.743	0	0
"2011-12-10	00:00:00"	8.4	55.73	6.055	11.14	5.853	55.14	7.633	8.16	30.78	30.05	0.726	80.2	80.7	26.754	0	0
"2011-12-10	01:00:00"	7.54	59.34	8.71	9.95	5.108	54.96	9	8.75	29.21	28.69	0.52	81.7	81.2	26.753	0	0
"2011-12-10	02:00:00"	8.67	52.07	7.767	11.14	6.546	52.16	8.4	8.75	28.02	27.68	0.345	83.1	82.8	26.752	0	0
"2011-12-10	03:00:00"	8	54.93	6.98	11.14	5.933	53.39	7.788	8.75	26.11	25.86	0.252	84	83.3	26.747	0	0
"2011-12-10	04:00:00"	7.567	50.88	10.76	10.54	5.793	48.57	11.35	8.16	25.56	25.4	0.16	84.7	83.8	26.743	0	0
"2011-12-10	05:00:00"	6.946	60.1	11.98	12.33	5.644	58.53	11.77	9.95	25.98	26.1	-0.124	85.2	84.9	26.74	0	0
"2011-12-10	06:00:00"	8.36	70.81	18.89	13.52	7.043	70.56	19.19	11.74	26.35	26.6	-0.248	85.4	85.6	26.74	0	0
"2011-12-10	07:00:00"	6.542	60.66	25.2	9.35	5.652	60.69	25.69	9.35	25.89	26.25	-0.364	84.9	85.2	26.756	0	0
"2011-12-10	08:00:00"	5.82	74.89	16.05	9.95	5.004	74.97	17.2	8.16	25.69	26.2	-0.507	84.8	84.7	26.777	0.74926	0
"2011-12-10	09:00:00"	4.556	78.54	16.2	8.16	3.985	74.85	17.96	7.561	25.92	26.61	-0.692	84.9	84.9	26.792	18.115	0
"2011-12-10	10:00:00"	5.059	103.6	21.56	8.16	4.437	103	24.09	8.16	26.75	27.41	-0.658	85.4	85.4	26.805	51.065	0
"2011-12-10	11:00:00"	4.463	70.37	23.23	7.561	3.885	68.95	25.89	6.964	27.25	28.09	-0.839	85.6	85.8	26.809	104.02	0
"2011-12-10	12:00:00"	3.773	86.6	34.97	7.561	3.275	86.7	41.24	8.16	27.83	28.67	-0.847	86	86.1	26.804	137.07	0
"2011-12-10	13:00:00"	3.524	97.7	31.14	6.368	3.098	95.6	36.27	5.771	28.18	28.81	-0.632	86.1	86.2	26.78	114.27	0
"2011-12-10	14:00:00"	2.756	165.8	62.2	5.175	2.214	165.8	64.18	5.175	28.51	28.82	-0.312	86.3	86.3	26.747	135.75	0
"2011-12-10	15:00:00"	3.34	83	36.89	6.368	2.889	84.5	35.77	6.368	29.09	29.91	-0.823	86.6	86.5	26.712	94.31	0
"2011-12-10	16:00:00"	4.043	99.9	23.56	7.561	3.414	98.1	26.65	6.964	29.23	29.95	-0.724	86.7	86.2	26.703	42.067	0
"2011-12-10	17:00:00"	5.035	103.8	11.8	6.964	4.389	101.4	14.4	6.368	29.34	29.95	-0.603	86.7	86.1	26.691	21.828	0
"2011-12-10	18:00:00"	4.603	90.1	15.67	6.368	3.951	87.1	17.54	6.368	29.72	30.06	-0.344	86.8	86.4	26.685	4.2406	0
"2011-12-10	19:00:00"	4.926	104.7	14.5	6.964	4.178	103.8	17.52	6.368	30.12	30.5	-0.388	87	86.7	26.687	0	0
"2011-12-10	20:00:00"	4.206	107.7	12.08	6.964	3.619	105.1	15.94	6.368	31.02	31.3	-0.279	87.1	87.2	26.692	0	0
"2011-12-10	21:00:00"	4.471	108.7	10.97	7.561	3.747	106.2	14.17	6.368	31.58	32.22	-0.637	87.6	87.3	26.696	0	0
"2011-12-10	22:00:00"	5.29	99.9	8.43	6.964	4.52	96.8	9.49	6.368	32.2	32.56	-0.359	87.7	87	26.696	0	0
"2011-12-10	23:00:00"	5.953	99.8	7.453	8.16	5.027	96.8	8.91	6.964	32.21	32.71	-0.502	87.8	87.1	26.691	0.00038	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-11	00:00:00"	5.32	115.9	12.55	8.16	4.379	113.8	14.82	7.561	32.36	33.01	-0.66	88	87.2	26.693	0.27331	0
"2011-12-11	01:00:00"	4.531	121.6	7.906	6.368	3.551	119.5	10.96	5.175	32.52	33.12	-0.598	88.2	87.3	26.682	0.39366	0
"2011-12-11	02:00:00"	6.002	125.9	6.925	8.16	4.713	125.5	9.53	7.561	32.76	33.22	-0.461	88.3	87.7	26.666	0.35163	0
"2011-12-11	03:00:00"	6.854	124.3	7.762	9.35	5.301	124	10.57	7.561	32.93	33.37	-0.44	88.4	87.8	26.652	0.3453	0
"2011-12-11	04:00:00"	6.451	123.2	9.3	9.35	4.795	123.3	12.17	7.561	33.21	33.71	-0.501	88.5	87.7	26.633	0.3453	0
"2011-12-11	05:00:00"	6.145	104.7	7.012	8.75	4.883	100.5	9.23	7.561	33.29	34.15	-0.855	88.6	87.5	26.615	0.3453	0
"2011-12-11	06:00:00"	6.564	108.3	9.24	8.75	5.152	106.2	11.55	7.561	33.56	34.39	-0.823	88.7	87.2	26.594	0.3453	0
"2011-12-11	07:00:00"	6.515	123.5	7.929	8.75	4.84	123.2	10.26	7.561	34.19	34.68	-0.485	88.9	87.8	26.585	0.34529	0
"2011-12-11	08:00:00"	7.12	132.8	7.817	10.54	5.487	134.1	8.61	9.35	35.03	35.18	-0.151	89.1	88.4	26.586	1.0839	0
"2011-12-11	09:00:00"	7.252	141	8	10.54	5.761	142.7	9.04	8.75	35.86	35.96	-0.098	89.3	88.8	26.586	16.386	0
"2011-12-11	10:00:00"	9.23	159.6	12.35	16.51	7.571	159.4	12.66	14.72	37.08	37.19	-0.111	89.5	89.3	26.589	42.487	0
"2011-12-11	11:00:00"	12.68	170.3	7.482	17.7	10.24	170.5	8.76	15.31	37.96	38.08	-0.117	89.7	89.4	26.588	56.596	0
"2011-12-11	12:00:00"	13.29	170.6	7.968	18.89	10.92	171.7	9.48	18.3	38.69	38.8	-0.114	89.8	89.4	26.57	76.113	0
"2011-12-11	13:00:00"	14.38	174.7	7.678	20.09	11.77	174.4	9.51	17.1	38.97	39.36	-0.388	89.8	89.3	26.543	90.298	0
"2011-12-11	14:00:00"	15.76	175.7	6.933	20.68	12.94	175.4	9.25	18.3	39.05	39.42	-0.372	89.7	89.3	26.51	72.334	0
"2011-12-11	15:00:00"	13.11	177	8.1	20.09	10.71	177.1	10.38	17.7	39.24	39.61	-0.368	89.8	89.3	26.489	58.318	0
"2011-12-11	16:00:00"	12.26	178.4	8.88	17.1	10.1	177.9	11.38	14.72	39.39	39.72	-0.327	89.8	89.3	26.477	38.956	0
"2011-12-11	17:00:00"	11.24	173.1	8	15.31	9.23	173.4	9.94	13.52	39.43	39.72	-0.288	89.7	89.3	26.468	25.746	0
"2011-12-11	18:00:00"	10.5	165.3	8.74	14.72	8.76	165.3	10.47	13.52	39.43	39.66	-0.231	89.7	89.3	26.459	4.7871	0
"2011-12-11	19:00:00"	10.27	164.2	9.43	14.72	8.5	164.5	10.65	12.93	39.39	39.59	-0.199	89.7	89.3	26.465	0.68187	0
"2011-12-11	20:00:00"	10.8	172.6	7.165	14.72	8.92	172.1	8.99	13.52	39.13	39.34	-0.208	89.6	89.3	26.475	0.69041	0
"2011-12-11	21:00:00"	10.16	165.9	8.75	17.1	8.57	165.6	10.17	13.52	38.84	39.08	-0.234	89.6	89.2	26.482	0.69041	0
"2011-12-11	22:00:00"	10.39	163.8	9.52	14.72	8.7	163.3	10.53	13.52	38.61	38.82	-0.207	89.6	89.2	26.48	0.69042	0
"2011-12-11	23:00:00"	9.77	166	9.53	15.31	8.21	166.1	10.75	13.52	38.52	38.74	-0.217	89.5	89.1	26.484	0.69091	0
"2011-12-12	00:00:00"	9.74	167.3	8.74	17.7	8.11	166.9	10.05	14.12	38.37	38.59	-0.213	89.5	89.1	26.478	0.69483	0
"2011-12-12	01:00:00"	10.56	173.4	8.71	15.91	8.64	173.6	10.43	12.93	38.57	38.76	-0.186	89.5	89.2	26.473	0.73607	0
"2011-12-12	02:00:00"	8.22	173.8	7.958	12.93	6.78	173.5	9.9	11.14	39.07	39.23	-0.157	89.6	89.3	26.466	0.98356	0
"2011-12-12	03:00:00"	9.4	171.7	8.69	14.72	7.794	171.6	10.41	12.33	39.02	39.25	-0.231	89.6	89.2	26.461	1.0356	0
"2011-12-12	04:00:00"	8.56	163.7	10.27	12.93	7.187	163.7	11.16	11.74	38.88	39.07	-0.189	89.6	89.2	26.449	1.0356	0
"2011-12-12	05:00:00"	8.08	165.5	10.25	12.33	6.889	164.9	11.65	10.54	39.23	39.39	-0.16	89.6	89.3	26.449	1.0356	0
"2011-12-12	06:00:00"	7.868	163.8	10.21	12.93	6.653	163.9	11.74	10.54	39.69	39.83	-0.148	89.6	89.3	26.453	1.1237	0
"2011-12-12	07:00:00"	8.69	159.9	12.45	12.93	7.309	160.9	13.07	12.93	39.83	40	-0.169	89.6	89.3	26.463	1.3706	0
"2011-12-12	08:00:00"	7.631	132.1	20.97	12.33	6.143	132.5	22.43	9.95	40.1	40.21	-0.111	89.7	89.3	26.449	2.3544	0
"2011-12-12	09:00:00"	7.825	140	14.62	13.52	6.299	141.2	15.29	11.74	40.24	40.41	-0.168	89.6	89.4	26.463	21.798	0
"2011-12-12	10:00:00"	7.17	148.1	13.13	11.14	5.969	149.7	12.93	9.35	40.73	41	-0.277	89.7	89.5	26.484	55.568	0
"2011-12-12	11:00:00"	7.635	149.5	14.19	11.14	6.413	151.4	14.4	9.95	41.55	41.89	-0.331	89.9	89.7	26.494	82.082	0
"2011-12-12	12:00:00"	6.822	147.7	26.04	11.74	5.779	148.6	27.91	10.54	42.13	42.56	-0.424	90	89.8	26.49	114.34	0
"2011-12-12	13:00:00"	7.875	121.4	22.9	12.93	6.677	122.8	24.2	11.74	43.1	43.62	-0.513	90.1	90	26.464	124.48	0
"2011-12-12	14:00:00"	7.053	144.6	13.8	11.14	5.885	145.5	14.38	9.95	43.57	44.05	-0.481	90.2	90	26.444	87.839	0
"2011-12-12	15:00:00"	8.05	118.4	14.07	11.14	6.572	119.6	16.42	9.95	43.96	44.39	-0.436	90.2	89.9	26.43	67.858	0
"2011-12-12	16:00:00"	8	119	10.99	11.74	6.322	120.1	14.07	9.95	43.78	44.15	-0.37	90.1	89.9	26.428	46.149	0
"2011-12-12	17:00:00"	9	116.2	9.62	13.52	7.075	116.8	12.42	11.74	44.19	44.44	-0.253	90.2	90	26.426	25.718	0
"2011-12-12	18:00:00"	9.14	119.7	8.66	12.93	7.064	120.6	11.1	11.74	44.63	44.76	-0.128	90.3	90.1	26.435	4.2816	0
"2011-12-12	19:00:00"	6.942	119.1	8.18	10.54	5.371	119.9	10.81	9.35	44.62	44.7	-0.087	90.2	90	26.455	0.69114	0
"2011-12-12	20:00:00"	10.66	121.2	9.97	15.91	8.24	122.4	12.07	14.12	44.5	44.56	-0.065	90.2	90	26.458	1.0683	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-12	21:00:00"	12.64	133.7	10.04	17.7	9.97	135.1	11	15.31	44.64	44.7	-0.064	90.2	90.1	26.464	1.356	0
"2011-12-12	22:00:00"	13.18	141.5	10.75	23.66	10.71	143.1	11.28	20.68	44.6	44.7	-0.103	90.2	90	26.468	1.3644	0
"2011-12-12	23:00:00"	12.08	160.5	11.13	19.49	10.15	161.1	12.65	17.1	44.36	44.5	-0.136	90.3	90.1	26.482	1.3757	0
"2011-12-13	00:00:00"	9.87	152.1	9.81	15.31	8.31	152.3	10.47	14.12	44.47	44.62	-0.143	90.2	90	26.48	1.3786	0
"2011-12-13	01:00:00"	12.27	148.9	9.93	20.68	10.2	149.4	9.92	18.89	44.52	44.66	-0.133	90.2	90.1	26.464	1.3806	0
"2011-12-13	02:00:00"	10.85	164.9	9.79	18.89	9.01	164.8	10.89	15.31	44.49	44.67	-0.18	90.3	90.1	26.468	1.3806	0
"2011-12-13	03:00:00"	9.3	166.9	10.06	14.12	7.742	166.6	10.68	11.74	44.61	44.75	-0.142	90.3	90.1	26.463	1.3806	0
"2011-12-13	04:00:00"	8.9	163	9.55	15.31	7.457	163.9	10.37	12.33	45.1	45.2	-0.098	90.4	90.2	26.451	1.3806	0
"2011-12-13	05:00:00"	8.52	155.3	10.92	12.93	7.158	155.4	11.01	11.14	45.68	45.76	-0.074	90.5	90.2	26.45	1.5098	0
"2011-12-13	06:00:00"	9.57	147.8	20.29	18.89	7.831	148.6	21.39	15.91	46.27	46.3	-0.029	90.5	90.3	26.437	1.7493	0.01
"2011-12-13	07:00:00"	9.4	164.8	25.77	18.89	7.686	165.7	27.3	14.12	46.73	46.76	-0.031	90.6	90.4	26.445	1.9795	0
"2011-12-13	08:00:00"	11.36	165.2	15.08	21.87	9.35	165.1	16.25	18.89	47.05	47.13	-0.081	90.6	90.4	26.455	2.2117	0
"2011-12-13	09:00:00"	15.66	165.8	10.22	26.05	12.99	165.4	11.26	23.07	47.26	47.39	-0.136	90.7	90.5	26.463	10.981	0
"2011-12-13	10:00:00"	15.49	166.8	16.02	24.86	12.74	167.3	17.61	21.87	47.07	47.26	-0.185	90.6	90.4	26.461	30.108	0
"2011-12-13	11:00:00"	13.19	165.1	12.15	21.28	10.78	164.8	14.01	17.1	47.13	47.38	-0.251	90.6	90.5	26.464	47.986	0
"2011-12-13	12:00:00"	12.48	171.8	14.73	21.28	10.24	172	15.94	18.3	47.56	47.86	-0.298	90.7	90.6	26.452	81.383	0
"2011-12-13	13:00:00"	14.93	176.9	11.39	23.07	12.26	177.8	13.45	19.49	48.33	48.65	-0.316	90.9	90.7	26.425	88.068	0
"2011-12-13	14:00:00"	14.17	167.4	9.15	20.09	11.74	167.2	11.06	19.49	49.75	50.02	-0.269	91.1	91	26.387	125.91	0
"2011-12-13	15:00:00"	16.68	171.4	7.682	24.26	13.53	171.8	9.93	20.09	51.57	51.93	-0.365	91.3	91.1	26.369	139.51	0
"2011-12-13	16:00:00"	14.04	165.6	11.44	21.28	11.59	165.9	12.55	18.3	52.56	52.75	-0.189	91.3	91	26.353	91.758	0
"2011-12-13	17:00:00"	12.97	153.4	10.84	20.68	10.92	154.6	10.87	18.3	52.73	52.78	-0.058	91.1	90.9	26.337	52.162	0
"2011-12-13	18:00:00"	9.67	164.6	10.42	14.72	7.989	165	11.57	12.93	52.28	52.34	-0.067	91	90.9	26.33	9.5385	0
"2011-12-13	19:00:00"	7.42	164.4	10.67	15.91	6.08	164.1	11.64	11.14	52.4	52.41	-0.011	90.9	90.9	26.332	0.01553	0
"2011-12-13	20:00:00"	11.64	164.8	9.82	20.68	9.58	164.5	10.79	17.1	52	51.99	0.006	90.8	90.7	26.33	0	0
"2011-12-13	21:00:00"	8.39	179.8	13.28	14.12	6.694	181	16.35	12.33	51.85	51.81	0.045	90.7	90.8	26.341	0	0
"2011-12-13	22:00:00"	12.36	178.4	8.82	19.49	9.88	179.3	11.94	17.1	51.91	51.84	0.074	90.6	90.8	26.35	0	0
"2011-12-13	23:00:00"	14.07	184.3	8.62	22.47	11.46	184.6	11.55	17.7	51.54	51.49	0.046	90.2	90.7	26.353	0	0
"2011-12-14	00:00:00"	11.48	183.3	8.86	21.28	11.03	184.6	11.48	18.3	51.24	51.26	-0.02	89.8	90.7	26.351	0	0
"2011-12-14	01:00:00"	10.92	186.5	9.04	16.51	8.88	188.7	11.87	14.72	51.05	51.13	-0.077	89.5	90.6	26.349	0.00623	0
"2011-12-14	02:00:00"	9.78	193.2	10.3	15.31	7.829	196.8	13.05	12.93	50.83	50.91	-0.077	89.4	90.5	26.343	0.21381	0
"2011-12-14	03:00:00"	8.67	195.1	10.2	15.31	6.962	198.1	12.41	12.33	50.71	50.78	-0.065	89.3	90.4	26.34	0	0
"2011-12-14	04:00:00"	8.39	216.9	15.65	13.52	6.968	218.1	16.49	12.33	50.52	50.57	-0.052	89.2	90.2	26.347	0	0
"2011-12-14	05:00:00"	5.892	219.6	13.99	9.35	4.837	220.6	15.25	8.16	50.3	50.31	-0.009	88.9	90	26.358	0	0
"2011-12-14	06:00:00"	4.646	249.6	15.83	8.75	3.372	253.2	20.24	6.964	49.63	49.44	0.193	88.4	89.6	26.357	0	0
"2011-12-14	07:00:00"	5.667	257.1	10.14	8.75	4.01	261.4	14.33	6.368	48.42	47.94	0.481	88.1	89.2	26.373	0	0
"2011-12-14	08:00:00"	6.532	261.8	13.07	10.54	4.665	266	14.23	8.75	47.61	47.16	0.449	87.9	89	26.398	0.85535	0
"2011-12-14	09:00:00"	5.009	205	15.87	11.14	3.89	203.6	19.45	6.964	46.11	45.82	0.287	87.8	88.6	26.42	24.843	0
"2011-12-14	10:00:00"	6.39	222.4	15.06	10.54	5.354	222.4	17.1	9.95	46.74	46.57	0.173	87.8	88.9	26.43	89.483	0
"2011-12-14	11:00:00"	8.77	237.8	11.24	16.51	7.455	240.5	13.88	14.12	48.47	48.1	0.376	83.7	88	26.44	196.12	0
"2011-12-14	12:00:00"	13.05	257.5	13.56	27.84	10.46	261.9	15.2	21.28	51.7	51.02	0.679	63.64	72.62	26.433	302.23	0
"2011-12-14	13:00:00"	22.04	275.4	8.49	32.01	16.06	279.3	11.35	26.65	56.06	56.36	-0.298	31.73	32.76	26.417	397.32	0
"2011-12-14	14:00:00"	20.77	270.3	8.87	30.22	16.13	274.4	10.67	25.45	57.27	58.02	-0.745	24.33	23.7	26.402	384.96	0
"2011-12-14	15:00:00"	19.46	278.1	8.34	28.43	13.95	282	11.11	24.26	56.96	57.87	-0.911	25.08	24.13	26.394	372.26	0
"2011-12-14	16:00:00"	20.5	278.1	9.76	34.4	14.72	282.1	12.3	27.84	59.53	60.53	-0.996	21.48	20.32	26.388	357.96	0
"2011-12-14	17:00:00"	18.18	278.1	8.28	25.45	12.93	282	11.14	22.47	59.6	60.36	-0.765	19.81	18.73	26.39	195.53	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-14	18:00:00"	12.35	276	8.73	19.49	8.56	280.2	11.58	18.3	57.79	57.65	0.143	20.89	20.44	26.404	43.787		0
"2011-12-14	19:00:00"	7.703	269.4	10.9	11.74	4.918	277.6	14.13	9.95	54.13	52.55	1.575	24.86	26.15	26.415	0.11279		0
"2011-12-14	20:00:00"	9.62	261.8	30.8	15.91	6.252	267.4	35.5	12.93	51.58	49.85	1.731	26.89	28.63	26.425	0		0
"2011-12-14	21:00:00"	8.12	275.8	28.73	12.93	4.51	285	33.32	8.75	47.13	45.22	1.907	34.73	36.5	26.444	0		0
"2011-12-14	22:00:00"	10.48	312	10.91	15.31	5.45	316.6	12.19	11.14	45.05	41.61	3.435	37.46	43.11	26.453	0		0
"2011-12-14	23:00:00"	13.59	342.6	7.18	20.09	9.74	343.2	9.32	17.1	43.2	41.81	1.392	47.65	50.25	26.446	0		0
"2011-12-15	00:00:00"	14.59	341.2	8.26	20.68	10.9	341.3	9.31	17.1	43.32	42.41	0.914	51.83	52.88	26.444	0		0
"2011-12-15	01:00:00"	12.21	334.2	7.192	18.89	8.83	335.4	9.06	15.31	42.29	41.36	0.937	52.52	53.63	26.449	0		0
"2011-12-15	02:00:00"	9.8	329.2	6.368	12.33	6.16	331.1	9.16	9.35	40.34	38.82	1.518	54.93	57.29	26.462	0		0
"2011-12-15	03:00:00"	9.07	331.1	6.15	13.52	5.664	334.4	9.99	9.35	39.19	37.51	1.678	56.74	60.02	26.464	0		0
"2011-12-15	04:00:00"	4.907	311.3	34.5	9.35	3.135	304.8	52.08	5.771	38.4	36.84	1.554	57.13	59.47	26.472	0		0
"2011-12-15	05:00:00"	8.48	330	6.871	10.54	4.609	337.3	10.92	6.368	38.01	35.89	2.118	57.31	61.87	26.468	0		0
"2011-12-15	06:00:00"	8.98	334.5	10.44	12.33	6.035	337	12.14	9.95	37.52	36.23	1.284	61.28	64.78	26.47	0		0
"2011-12-15	07:00:00"	9.31	4.505	10.49	12.33	7.029	1.658	12.44	10.54	38.6	38.35	0.246	60.99	61.27	26.491	0		0
"2011-12-15	08:00:00"	9.49	354.6	13.03	12.33	6.747	351.3	13.67	9.95	36.37	35.93	0.434	64.26	64.76	26.498	1.5158		0
"2011-12-15	09:00:00"	10.8	14.69	12.94	17.1	8.53	14.52	15.61	14.12	36.85	36.65	0.201	65.22	66.02	26.517	49.875		0
"2011-12-15	10:00:00"	14.19	42.57	12.56	20.09	11.66	43.95	13.64	18.3	39.71	39.93	-0.217	61.55	60.9	26.54	140.54		0
"2011-12-15	11:00:00"	16.5	65.39	8.61	23.07	13.47	64.87	10.56	19.49	43.09	43.62	-0.536	56.85	55.43	26.56	247.72		0
"2011-12-15	12:00:00"	17.87	71.23	8.74	25.45	14.28	71.11	10.51	21.28	44.9	45.42	-0.52	53.27	51.31	26.56	195.24		0
"2011-12-15	13:00:00"	15.22	74.56	10.2	23.07	12.53	74	11.94	20.09	46.73	47.6	-0.873	50.63	48.34	26.547	386.99		0
"2011-12-15	14:00:00"	13.8	75.51	15.39	20.09	11.49	75.74	16.51	20.68	50.45	51.86	-1.417	44.28	41.39	26.521	567.9		0
"2011-12-15	15:00:00"	11.36	77.92	14.44	17.7	9.44	78.49	15.85	15.31	51.23	52.45	-1.213	41.18	38.88	26.505	297.48		0
"2011-12-15	16:00:00"	11.46	63.66	12.28	15.31	9.39	63.12	13.59	13.52	50.03	50.82	-0.783	43.45	41.21	26.514	142.16		0
"2011-12-15	17:00:00"	11.35	61.48	8.64	15.91	9.22	61.31	9.91	14.12	49.15	49.7	-0.548	43.59	41.84	26.521	99.539		0
"2011-12-15	18:00:00"	12.1	44.03	8.32	17.1	9.94	44.58	9.48	15.31	47.24	47.35	-0.117	46.13	44.79	26.536	10.982		0
"2011-12-15	19:00:00"	10.54	46.13	9.64	14.72	8.44	46.13	10.07	14.12	45.39	45.26	0.137	48.43	47.5	26.557	0.05235		0
"2011-12-15	20:00:00"	10.08	55.64	8.96	15.31	8.05	55.03	9.71	13.52	43.99	43.81	0.182	53.27	52.74	26.578	0		0
"2011-12-15	21:00:00"	7.617	55.35	13.38	11.74	5.626	51.18	16.02	11.14	42.57	42.35	0.222	56.2	55.69	26.606	0		0
"2011-12-15	22:00:00"	8.48	49.42	8.12	12.33	6.663	49.18	9.05	9.95	41.14	40.86	0.289	60.33	59.71	26.622	0		0
"2011-12-15	23:00:00"	9.58	53.52	6.764	13.52	7.128	52.81	8.25	11.74	38.71	38.31	0.397	64.9	63.88	26.622	0		0
"2011-12-16	00:00:00"	8.19	54.8	11.42	10.54	5.81	51.9	12.58	8.75	36.08	35.54	0.534	69.5	69.03	26.63	0		0
"2011-12-16	01:00:00"	8.67	24.42	6.043	11.14	5.785	17.55	12.47	9.35	34.51	33.54	0.975	72.57	71.22	26.639	0		0
"2011-12-16	02:00:00"	9.77	33.25	7.111	14.12	7.236	32.87	9.12	11.74	34.34	33.51	0.833	74.84	75.07	26.627	0		0
"2011-12-16	03:00:00"	9.09	49.22	8.04	13.52	6.287	49.56	9.8	11.14	33.06	32.18	0.872	77.16	76.33	26.639	0		0
"2011-12-16	04:00:00"	10.14	39.64	7.778	13.52	7.691	36.8	9.37	11.14	32.91	32.19	0.729	78.75	78.34	26.636	0		0
"2011-12-16	05:00:00"	9.87	43.22	9.03	13.52	7.607	42.33	11.65	12.33	32.23	31.66	0.57	79.9	79.32	26.641	0		0
"2011-12-16	06:00:00"	9.88	48.43	7.53	13.52	7.708	48.58	8.62	11.74	31.1	30.64	0.458	80.8	79.96	26.642	0		0
"2011-12-16	07:00:00"	9.04	34.98	8.04	12.33	6.655	31.66	10.43	9.95	29.82	29.29	0.533	81.4	80.1	26.653	0		0
"2011-12-16	08:00:00"	9.27	35.17	6.864	13.52	6.841	32.48	9.4	9.35	28.5	27.93	0.574	81.9	80.6	26.673	2.5199		0
"2011-12-16	09:00:00"	9.08	40.28	9.48	12.33	7.205	40.01	11.39	10.54	29.3	28.99	0.308	81.6	81.3	26.695	63.724		0
"2011-12-16	10:00:00"	10.45	59.93	11.44	14.72	8.88	59.55	12.12	14.12	34.15	34.4	-0.253	75.01	76.38	26.719	302.23		0
"2011-12-16	11:00:00"	12.05	71.95	9.7	16.51	10.03	71.64	11.9	14.72	38.16	39.2	-1.044	61.2	59.24	26.736	437.12		0
"2011-12-16	12:00:00"	9.35	69.05	16.38	14.72	7.995	68.42	18.21	13.52	42.31	43.71	-1.398	54.65	51.77	26.738	513.29		0
"2011-12-16	13:00:00"	5.719	65.39	30.32	11.74	4.985	68.55	33.11	11.14	46	48.1	-2.101	48.4	44.34	26.725	557.24		0
"2011-12-16	14:00:00"	5.508	77.99	28.15	12.33	5.058	79.26	33.07	11.14	48.99	51.43	-2.438	42.74	38.41	26.706	531.76		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-16	15:00:00"	5.284	70.44	35.63	12.93	4.783	71.95	41.04	11.74	50.19	52.6	-2.411	39.66	35.9	26.693	470.07	0	
"2011-12-16	16:00:00"	6.256	74.9	22.93	11.74	5.605	74.57	24.85	10.54	50.7	52.8	-2.091	38.98	35.76	26.691	347.65	0	
"2011-12-16	17:00:00"	6.859	70.03	13.62	11.74	5.988	68.59	14.76	10.54	49.17	50.96	-1.788	41.07	37.72	26.696	161.39	0	
"2011-12-16	18:00:00"	5.623	76.86	9.45	8.75	4.491	73.14	11.19	8.16	47.61	48.08	-0.475	43.91	42.4	26.713	23.806	0	
"2011-12-16	19:00:00"	3.822	56.81	10.23	6.964	3.034	45.36	11.97	5.175	45.89	45.7	0.187	47.37	47.79	26.73	0.08455	0	
"2011-12-16	20:00:00"	6.388	55.05	6.382	8.16	3.963	51.71	8.12	5.771	44.52	44.12	0.401	50.54	49.9	26.744	0	0	
"2011-12-16	21:00:00"	5.882	85.1	13.07	7.561	3.088	69.94	12.98	4.578	41.87	39.6	2.275	54.02	56.94	26.75	0	0	
"2011-12-16	22:00:00"	5.745	92.3	11.4	7.561	3.803	66.72	11.06	5.175	40.45	37.48	2.97	53.29	60.38	26.755	0	0	
"2011-12-16	23:00:00"	6.008	126.4	15.92	9.35	3.404	113.2	30.18	6.368	39.21	36.56	2.65	53.63	60.48	26.764	0	0	
"2011-12-17	00:00:00"	4.115	144.3	30.89	8.16	2.666	144	56.82	5.175	37.74	36.12	1.622	55.76	59.27	26.771	0	0	
"2011-12-17	01:00:00"	1.277	207.2	34.26	3.386	1.925	315.7	63.44	4.578	36.55	34.9	1.656	58.34	60.89	26.767	0	0	
"2011-12-17	02:00:00"	1.274	52.3	83.8	4.578	2.988	351.9	33.97	5.175	36.41	34.55	1.851	58.74	62.22	26.757	0	0	
"2011-12-17	03:00:00"	5.359	33.71	13.93	9.35	4.261	13.92	7.023	6.368	37.17	33.09	4.085	55.1	64.83	26.754	0	0	
"2011-12-17	04:00:00"	6.813	19.05	6.449	9.95	4.163	14.04	11.88	6.368	35.26	32.54	2.719	59.71	67.49	26.751	0	0	
"2011-12-17	05:00:00"	4.221	44.59	15.9	6.368	3.634	18.11	12.45	5.771	35.56	32.87	2.693	58.34	67	26.754	0	0	
"2011-12-17	06:00:00"	4.246	34.29	11.45	7.561	3.564	13.24	10.56	4.578	36.61	34.16	2.451	55.47	65.75	26.748	0	0	
"2011-12-17	07:00:00"	3.828	3.527	23.84	6.368	2.52	346.3	24.83	5.771	37.34	35.67	1.663	53.28	66.8	26.763	0	0	
"2011-12-17	08:00:00"	3.928	5.907	19.05	5.175	2.699	11.09	25.57	5.175	37.44	37.45	-0.014	58.56	67.05	26.78	1.4681	0	
"2011-12-17	09:00:00"	4.958	12.52	9.79	7.561	3.926	15.19	14.96	6.368	37.24	38.66	-1.426	64.32	63.45	26.79	42.681	0	
"2011-12-17	10:00:00"	5.83	20.8	11.12	8.75	5.054	23.3	14.52	8.16	39.85	40.83	-0.978	58.34	57.2	26.811	121.86	0	
"2011-12-17	11:00:00"	3.081	61.31	36.41	6.368	3.454	60.37	36.09	5.771	43.65	44.77	-1.116	47.03	44.9	26.825	163.62	0	
"2011-12-17	12:00:00"	4.442	132.6	28.06	8.16	4.066	133.5	31.18	6.964	47.08	48.13	-1.048	35.37	33.62	26.823	241.91	0	
"2011-12-17	13:00:00"	5.865	162	22.52	10.54	5.114	163.7	23.94	9.35	47.89	48.98	-1.09	32.42	30.63	26.796	239.37	0	
"2011-12-17	14:00:00"	5.923	161.8	16.56	9.35	5.294	162.6	17.79	8.75	48.9	49.94	-1.039	32.96	30.93	26.763	220.46	0	
"2011-12-17	15:00:00"	6.562	156.1	13.99	10.54	5.763	155.6	14.79	9.35	49.11	50	-0.889	34.08	32.24	26.74	149.57	0	
"2011-12-17	16:00:00"	6.07	156.7	16.7	9.95	5.385	155.9	17.55	8.75	49.34	50.06	-0.723	35.52	33.82	26.724	94.51	0	
"2011-12-17	17:00:00"	5.508	178.7	12.64	9.95	5.082	179	14.78	8.75	49.4	49.99	-0.592	36.95	35.5	26.719	68.252	0	
"2011-12-17	18:00:00"	6.212	186.7	11.18	11.74	5.353	187	14.04	9.95	49.2	49.53	-0.337	37.01	35.87	26.718	11.577	0	
"2011-12-17	19:00:00"	4.676	192.8	11.51	7.561	4.249	192.8	14.11	6.368	48.63	48.79	-0.161	39.19	38.31	26.72	0.00297	0	
"2011-12-17	20:00:00"	5.235	165.6	15.31	8.75	4.461	165.1	16.05	7.561	47.81	47.97	-0.16	40.56	39.62	26.711	0	0	
"2011-12-17	21:00:00"	3.487	167.8	18.29	8.16	3.224	165.2	22.01	6.964	46.38	46.24	0.14	41.39	41.51	26.711	0	0	
"2011-12-17	22:00:00"	1	177.9	43.44	1.596	1.499	169.7	91.6	3.386	46.25	46	0.248	42.18	43.98	26.722	0	0	
"2011-12-17	23:00:00"	1.714	133.2	21.16	6.368	2.752	124.5	28.45	4.578	46.63	46.51	0.119	42.16	44.29	26.715	0	0	
"2011-12-18	00:00:00"	1.077	144.8	14.95	3.982	2.612	142.3	17.33	3.982	46.39	46.44	-0.052	45.39	45.67	26.716	0	0	
"2011-12-18	01:00:00"	6.58	174.3	18.25	13.52	5.713	173.3	21.33	11.74	46.35	46.47	-0.118	52.01	51.14	26.706	0	0	
"2011-12-18	02:00:00"	4.45	172.3	15.02	8.16	3.783	172.1	17.02	6.368	46.18	46.31	-0.132	51.89	51.31	26.689	0	0	
"2011-12-18	03:00:00"	8.08	161.5	10.85	12.33	6.8	161.3	10.74	11.14	46.15	46.33	-0.173	54.61	53.38	26.67	0	0	
"2011-12-18	04:00:00"	8.6	166.5	14.41	13.52	7.203	166.4	15.21	11.74	45.59	45.94	-0.349	64.68	62.86	26.652	0	0	
"2011-12-18	05:00:00"	5.869	178.5	11.14	8.75	4.842	177.5	13.53	8.16	45.34	45.63	-0.286	71.02	69.09	26.633	0	0	
"2011-12-18	06:00:00"	7.401	170.9	12.12	13.52	6.125	170	14.1	11.74	45.56	45.72	-0.159	67.92	66.76	26.618	0	0	
"2011-12-18	07:00:00"	7.784	166.3	12.15	11.74	6.332	165.5	13.26	9.95	45.33	45.58	-0.245	66.53	65.24	26.613	0	0	
"2011-12-18	08:00:00"	7.802	169.7	11.39	13.52	6.493	168.4	11.51	12.93	44.77	45.07	-0.298	67.85	66.46	26.613	0.97876	0	
"2011-12-18	09:00:00"	8.56	172.4	13.02	14.12	7.137	172.1	14.23	11.74	44.1	44.51	-0.411	71.12	69.5	26.612	31.719	0	
"2011-12-18	10:00:00"	8.33	176.4	13.29	13.52	7.005	176.8	15.43	11.74	44.06	44.69	-0.637	73.47	71.57	26.616	86.602	0	
"2011-12-18	11:00:00"	6.591	175.2	16.8	10.54	5.569	175.7	19.57	9.95	44.99	45.79	-0.806	74.03	71.42	26.613	150.06	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-18	12:00:00"	6.475	185.8	15.98	11.14	5.541	188.4	20.14	9.95	47.11	48.18	-1.075	69.72	66.65	26.592	237.07	0	
"2011-12-18	13:00:00"	7.622	174	17.6	13.52	6.548	174.8	20.4	11.74	49.01	50.53	-1.518	67.94	64.02	26.555	297.9	0	
"2011-12-18	14:00:00"	7.732	173.7	18.59	14.72	6.613	175.8	22.19	13.52	50.41	51.98	-1.563	65.08	60.94	26.512	318.37	0	
"2011-12-18	15:00:00"	8.75	154.9	18.2	14.72	7.462	155	19.45	14.12	51.98	53.08	-1.103	61.1	57.72	26.466	224.32	0	
"2011-12-18	16:00:00"	10.02	151.9	16.63	17.1	8.64	151.9	17.6	14.72	52.88	53.87	-0.987	60.37	57.49	26.437	211.53	0	
"2011-12-18	17:00:00"	12.08	152.2	12.06	17.7	10.27	152.6	11.8	16.51	50.92	52.12	-1.199	67.74	64.67	26.42	155.62	0	
"2011-12-18	18:00:00"	11.47	165.6	10.04	17.1	9.61	165.3	11.6	15.31	49.41	50.2	-0.794	72.62	70.06	26.42	10.094	0	
"2011-12-18	19:00:00"	10.43	156.5	13.42	17.1	9.58	156.9	13.77	14.72	47.71	48.32	-0.61	75.52	73.71	26.4	0.03978	0	
"2011-12-18	20:00:00"	11.51	126.2	21.04	25.45	9.36	126.5	23.15	20.09	46.41	46.97	-0.556	80.1	78.64	26.375	0	0	
"2011-12-18	21:00:00"	10.5	132.5	15.32	18.3	8.38	133.3	16.98	15.91	46.3	46.8	-0.499	82.1	80.5	26.366	0	0	
"2011-12-18	22:00:00"	7.995	122.6	16.44	12.93	6.401	122.8	18.5	11.14	46.25	46.84	-0.594	83	81.3	26.338	0	0	
"2011-12-18	23:00:00"	5.626	160.6	33.28	11.14	4.813	158.5	36.65	9.95	46.3	46.75	-0.452	83.8	82	26.347	0	0	
"2011-12-19	00:00:00"	6.709	177.9	72.41	17.1	5.694	180.6	74.35	15.31	46.34	46.66	-0.316	84.7	83.5	26.334	0	0.01	
"2011-12-19	01:00:00"	14.24	112.8	12.79	26.65	11.3	113.5	14.9	22.47	46.88	47.09	-0.207	86	86.3	26.274	0.07562	0.08	
"2011-12-19	02:00:00"	20.24	127.7	14.51	29.63	16.08	130	15.59	25.45	48.16	48.25	-0.084	87.5	88.1	26.202	0.17765	0	
"2011-12-19	03:00:00"	12.18	175.8	10.3	21.28	9.96	176.3	12.19	20.09	48.75	48.95	-0.203	88.2	88.2	26.208	0.44042	0.04	
"2011-12-19	04:00:00"	10.01	180.3	17.82	15.31	8.14	181.6	19.79	12.93	48.46	48.7	-0.239	88.4	88	26.177	0.56419	0.04	
"2011-12-19	05:00:00"	10.8	151	15.75	21.87	8.93	153.4	16.08	20.09	48.9	49.02	-0.123	88.7	88.2	26.138	0.60971	0.03	
"2011-12-19	06:00:00"	13.62	198.8	15.52	27.84	11.17	201.3	17.82	22.47	48.77	49.05	-0.279	88.8	88.1	26.142	0.64764	0.09	
"2011-12-19	07:00:00"	12.9	222.3	22.56	21.28	10.75	225.1	24.47	18.3	47.11	47.42	-0.302	88.6	87.7	26.148	0.69015	0.04	
"2011-12-19	08:00:00"	7.255	218.5	15.7	12.93	5.952	220.7	16.85	11.14	45.88	46.02	-0.14	88.4	87	26.163	0.50688	0	
"2011-12-19	09:00:00"	12.18	208.6	9.9	19.49	9.76	211.8	12.34	15.91	45.32	45.42	-0.106	87.9	86.1	26.172	33.669	0	
"2011-12-19	10:00:00"	16.03	218.2	14.05	27.24	13.34	218	14.4	24.26	44.62	44.78	-0.153	85.4	82.6	26.178	221.71	0	
"2011-12-19	11:00:00"	22.37	238.2	12.92	35.59	18.64	241.5	15.11	29.63	46.03	45.94	0.087	68.36	71.3	26.185	426.9	0	
"2011-12-19	12:00:00"	25.45	245	9.76	38.57	21.16	249.3	11.46	32.61	47.58	48.12	-0.539	58.94	59.24	26.183	512.09	0	
"2011-12-19	13:00:00"	22.28	235.5	13.42	36.78	18.85	238.9	16.03	30.82	48.44	49.32	-0.885	57.23	55.95	26.16	572.42	0	
"2011-12-19	14:00:00"	25.73	238.8	12.03	40.36	21.57	243	13.76	33.21	48.89	49.71	-0.822	51.44	50.04	26.138	507.92	0	
"2011-12-19	15:00:00"	26.1	238.6	11.83	41.56	21.88	242.5	13.73	35.59	48.48	49.37	-0.891	51.31	49.52	26.134	453.95	0	
"2011-12-19	16:00:00"	22.91	242	10.95	33.8	19.21	246	12.58	30.82	49	49.79	-0.789	51.72	49.99	26.137	389.7	0	
"2011-12-19	17:00:00"	20.71	239.8	12.58	33.21	17.36	244.7	14.45	30.22	49.47	50.16	-0.691	50.72	48.82	26.146	197.31	0	
"2011-12-19	18:00:00"	26.11	257.2	10.1	39.77	21.27	263.7	11.74	38.57	48.25	48.52	-0.271	52.16	50.93	26.175	44.863	0	
"2011-12-19	19:00:00"	21.88	274.1	11.43	32.01	15.97	278.3	12.5	27.24	44.54	44.61	-0.062	65.51	64.25	26.212	0.03269	0	
"2011-12-19	20:00:00"	19.2	299.7	15.75	30.22	12.31	303	16.56	25.45	40.49	40.5	-0.014	71.15	70.28	26.253	0	0	
"2011-12-19	21:00:00"	21.05	328.6	8.96	29.63	15.65	329.8	10.33	25.45	38.03	37.95	0.079	66.07	65.83	26.288	0	0	
"2011-12-19	22:00:00"	18.19	332.3	8.52	32.61	13.72	333	10.39	27.84	35.72	35.52	0.205	66.1	66.35	26.309	0	0	
"2011-12-19	23:00:00"	19.51	333.1	8.92	30.22	14.75	333.4	10.49	26.65	34.97	34.69	0.276	63.75	64.12	26.331	0	0	
"2011-12-20	00:00:00"	16.73	330.4	8.15	26.05	12.52	331.6	10.05	21.28	34.03	33.66	0.371	63.16	63.68	26.355	0	0	
"2011-12-20	01:00:00"	14.53	329.9	9.49	25.45	10.76	331	10.99	21.87	33.56	33.11	0.455	63.76	64.45	26.369	0	0	
"2011-12-20	02:00:00"	12.28	312.6	7.88	18.89	7.762	315.6	10.1	14.72	32.75	32.16	0.595	67.2	67.79	26.376	0	0	
"2011-12-20	03:00:00"	8.78	320.2	8.77	18.89	5.745	323.2	10.83	14.12	31.91	31.22	0.682	70.27	70.46	26.376	0	0	
"2011-12-20	04:00:00"	13.87	334.4	9.95	23.66	10.5	334.9	11.24	20.09	32.18	31.48	0.704	69.62	70.88	26.382	0	0	
"2011-12-20	05:00:00"	14.72	330.2	8.87	21.87	10.97	331.8	10.21	18.89	31.77	31.29	0.475	64.52	65.38	26.396	0	0	
"2011-12-20	06:00:00"	12.58	332.7	7.065	20.68	9.34	333.3	9.21	17.1	30.7	30.22	0.481	66.54	67.34	26.389	0	0	
"2011-12-20	07:00:00"	11.59	332.1	7.553	19.49	8.72	332.4	9.42	17.7	29.96	29.41	0.548	67.37	68.16	26.397	0	0	
"2011-12-20	08:00:00"	12.74	337.5	8.07	19.49	9.66	337.3	9.46	17.7	30.03	29.53	0.505	64.47	65.46	26.415	1.6318	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-20	09:00:00"	12.23	335.8	8.34	24.86	9.37	335.9	9.78	23.07	31	30.83	0.163	60.88	61.55	26.444	97.827	0	
"2011-12-20	10:00:00"	17.28	342.2	10.84	25.45	13.48	341.6	12.03	21.87	33.84	34.57	-0.732	53.34	52.2	26.464	302.72	0	
"2011-12-20	11:00:00"	16.97	338.8	12.41	25.45	13.07	338.6	13.43	21.87	35.38	36.59	-1.215	49.44	47.8	26.484	407.62	0	
"2011-12-20	12:00:00"	13.94	332.2	12.18	20.09	10.84	332.8	13.2	16.51	37.72	39.37	-1.649	46.34	44.24	26.479	475.04	0	
"2011-12-20	13:00:00"	14.36	331.4	13.59	21.87	11.13	332.6	14.37	17.7	39.46	41.51	-2.051	44.99	42.57	26.445	589.7	0	
"2011-12-20	14:00:00"	14.45	326	14.53	22.47	10.89	327.5	15.33	18.89	41.49	43.5	-2.008	43.42	40.63	26.414	566.14	0	
"2011-12-20	15:00:00"	11.91	318.8	15.41	19.49	8.77	321.2	16.95	15.91	43.51	45.64	-2.132	42.23	39.09	26.392	501.69	0	
"2011-12-20	16:00:00"	11.09	321.5	18.24	22.47	8.24	324	18.98	15.91	44.41	46.39	-1.985	41.75	38.56	26.375	374.37	0	
"2011-12-20	17:00:00"	9.01	329.5	17.58	14.72	6.97	331.2	18.31	12.33	44.37	46.45	-2.079	43.28	39.56	26.362	214.03	0	
"2011-12-20	18:00:00"	6.531	337.4	13.96	11.74	4.328	340	16.14	9.95	43.06	44.37	-1.308	46.22	44.2	26.366	46.821	0	
"2011-12-20	19:00:00"	6.043	351.3	2.84	6.964	3.432	358.2	10.24	4.578	40.29	38.84	1.453	51.94	52.06	26.365	0.13518	0	
"2011-12-20	20:00:00"	4.329	331.1	10.13	6.368	2.32	335.8	13.54	3.982	39.4	34.93	4.464	52.66	59.74	26.371	0	0	
"2011-12-20	21:00:00"	4.088	288	25.85	6.368	2.509	305.6	33	5.175	37.18	32.99	4.189	57.63	64.07	26.363	0	0	
"2011-12-20	22:00:00"	2.351	258.1	38.43	3.982	1.467	278.9	82.8	3.982	36.62	32.42	4.198	59.86	68.24	26.363	0	0	
"2011-12-20	23:00:00"	2.273	202.3	32.05	3.982	1.716	108.5	83.5	3.982	35.82	32.12	3.702	60.69	68.87	26.359	0	0	
"2011-12-21	00:00:00"	2.86	191.6	26.69	4.578	1.052	185.1	62.87	2.789	33.63	31.44	2.182	63.79	70.31	26.349	0	0	
"2011-12-21	01:00:00"	3.581	198.5	13.6	4.578	1.084	190.8	26.43	2.789	32.92	30.73	2.19	64.8	70.93	26.338	0	0	
"2011-12-21	02:00:00"	5.273	227	10.12	8.75	3.876	226	13.65	6.368	33.18	31.19	1.99	64.71	70.7	26.32	0	0	
"2011-12-21	03:00:00"	4.656	250.1	11.88	6.368	2.963	260.7	17.18	5.175	32.1	30.85	1.256	65.72	68.37	26.31	0	0	
"2011-12-21	04:00:00"	5.845	252.6	6.573	7.561	4.04	259.5	7.808	6.368	31.33	30.19	1.142	66.55	69.74	26.299	0	0	
"2011-12-21	05:00:00"	5.22	249.8	8.16	7.561	3.664	255.1	9.1	6.368	30.88	29.77	1.111	67.17	70.05	26.3	0	0	
"2011-12-21	06:00:00"	5.24	241	14.41	7.561	3.735	246.5	19.27	6.368	30.89	29.63	1.253	68.08	70.75	26.296	0	0	
"2011-12-21	07:00:00"	4.826	216.6	8.09	7.561	3.354	206.4	7.7	5.175	30.51	29.14	1.369	67.01	69.83	26.298	0	0	
"2011-12-21	08:00:00"	7.123	206	7.82	9.95	4.924	207.2	10.64	8.16	29.36	28.15	1.207	68.58	71.35	26.303	2.2803	0	
"2011-12-21	09:00:00"	7.188	202.8	8.14	9.95	5.652	203.8	9.63	8.16	30.12	29.5	0.623	69.62	72.16	26.311	95.812	0	
"2011-12-21	10:00:00"	10.2	203.7	9.75	16.51	8.6	206.1	12.44	15.31	34.43	34.57	-0.133	66.34	66.72	26.321	266.53	0	
"2011-12-21	11:00:00"	13.07	201.2	8.7	18.3	11.03	203.2	11.38	15.91	38.94	39.72	-0.779	58.03	56.83	26.327	420.93	0	
"2011-12-21	12:00:00"	11.6	208.1	11.52	16.51	9.78	211	13.22	14.72	43.88	45.01	-1.126	52.27	49.92	26.309	534.52	0	
"2011-12-21	13:00:00"	11.98	208.6	10.5	17.7	10.01	211.7	13.49	15.31	48.16	49.66	-1.501	46.27	43.43	26.269	590.35	0	
"2011-12-21	14:00:00"	9.6	218.6	15.87	14.12	8.29	221.3	17.93	13.52	51.63	53.37	-1.746	39.9	37.09	26.232	570.51	0	
"2011-12-21	15:00:00"	7.925	219.9	18.51	13.52	6.906	223.6	20.47	11.74	54.69	56.48	-1.791	36.47	33.6	26.203	508.14	0	
"2011-12-21	16:00:00"	10.13	234.6	19.45	18.3	8.69	237.2	21.15	15.31	57.31	58.85	-1.535	31.94	29.52	26.19	381.39	0	
"2011-12-21	17:00:00"	10.59	226.4	17.91	18.3	8.94	228.4	19.98	15.31	57.38	58.81	-1.428	31.97	29.6	26.191	218.24	0	
"2011-12-21	18:00:00"	8.66	247.6	9.84	15.31	6.941	252.5	12.36	14.12	55.71	56.17	-0.46	32.89	31.47	26.202	48.095	0	
"2011-12-21	19:00:00"	5.88	228.1	27.28	12.33	4.083	224.9	30.22	9.35	51.46	50.3	1.161	38.19	38.92	26.213	0.18199	0	
"2011-12-21	20:00:00"	8.15	241	23.23	17.7	6.093	242.8	26.17	15.91	48.66	47.55	1.111	42.89	43.95	26.23	0	0	
"2011-12-21	21:00:00"	9.46	276.4	10.44	15.31	6.087	282.2	13.33	11.74	46.42	45.01	1.411	46.72	48.04	26.244	0	0	
"2011-12-21	22:00:00"	8.39	252.8	18.39	17.1	6.921	255.5	22.23	14.12	44.99	44.01	0.982	48.86	49.75	26.259	0	0	
"2011-12-21	23:00:00"	9.52	289.3	15.6	13.52	5.465	297.8	19.96	11.14	43.83	42.49	1.337	52.85	52.82	26.273	0	0	
"2011-12-22	00:00:00"	9.47	306.5	2.73	11.14	4.84	321.2	5.851	6.964	41.7	37.76	3.948	57.16	61.4	26.274	0	0	
"2011-12-22	01:00:00"	6.506	301.7	4.687	8.75	1.774	310.1	17.75	3.982	40.72	35.3	5.425	58.45	64.64	26.268	0	0	
"2011-12-22	02:00:00"	5.842	250.2	33.73	9.95	3.531	247.1	37.33	7.561	39.05	35.16	3.885	61.8	69.32	26.274	0	0	
"2011-12-22	03:00:00"	5.47	244.2	12.48	8.16	3.667	241.8	16.31	5.771	38.28	36.28	2.008	63.63	67.5	26.289	0	0	
"2011-12-22	04:00:00"	6.427	246.1	18.66	10.54	4.467	242.1	21.98	6.964	37.68	35.96	1.716	65.43	67.97	26.3	0	0	
"2011-12-22	05:00:00"	8.83	301.6	18.13	15.31	4.856	304.1	19.68	10.54	37.11	35.15	1.963	67.57	70.39	26.31	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-22	06:00:00"	11.41	337.2	8.86	17.1	8.24	338	9.97	13.52	35.44	34.25	1.189	70.69	73.34	26.335	0	0
"2011-12-22	07:00:00"	7.37	339	6.66	14.12	6.023	337.8	8.93	11.74	33.75	32.58	1.166	69.21	70.97	26.364	0	0
"2011-12-22	08:00:00"	15.14	0.604	13.71	22.47	11.68	357.4	13.56	18.89	33.54	32.62	0.913	64.6	67.02	26.401	2.2549	0
"2011-12-22	09:00:00"	18.9	3.732	12.55	28.43	14.64	360	14.66	23.66	33.8	33.57	0.225	62.58	62.96	26.441	93.181	0
"2011-12-22	10:00:00"	19.37	11.09	8.61	26.05	15.29	8.84	14.47	23.66	35.22	35.62	-0.396	61.66	60.56	26.484	264.12	0
"2011-12-22	11:00:00"	17.33	13.54	10.25	24.26	13.98	12.62	16.2	21.28	37.13	38.37	-1.235	60.5	57.9	26.519	416.89	0
"2011-12-22	12:00:00"	18.07	18.8	10.86	25.45	14.72	18.77	16.05	22.47	39.01	40.78	-1.772	58.95	54.65	26.531	527.79	0
"2011-12-22	13:00:00"	15.77	27.51	12.02	24.86	13.16	27.59	15.24	21.87	40.4	42.18	-1.784	56.9	52.44	26.524	551.44	0
"2011-12-22	14:00:00"	14.09	21.68	14.36	22.47	11.69	21.33	17.77	19.49	41.36	43.35	-1.992	55.78	50.91	26.513	553.5	0
"2011-12-22	15:00:00"	12.95	21.68	11.84	20.09	10.82	21.3	16.06	17.1	42.53	44.49	-1.955	52.83	48.04	26.51	478.36	0
"2011-12-22	16:00:00"	14.06	24.9	12.06	26.05	11.68	25	15.95	23.07	42.75	44.18	-1.428	51.87	47.77	26.519	272.27	0
"2011-12-22	17:00:00"	17.19	33.36	9	24.86	14.26	33.86	11.6	21.28	40.56	41.37	-0.815	55.41	52	26.541	100.72	0
"2011-12-22	18:00:00"	18.48	36.21	8.38	25.45	15.19	36.32	10.22	24.26	36.07	36.59	-0.527	63.89	60.92	26.561	14.949	0
"2011-12-22	19:00:00"	15.55	39.22	10.95	23.66	13	39.51	11.68	22.47	34.16	34.49	-0.328	68.6	66.4	26.581	0.04584	0
"2011-12-22	20:00:00"	18.11	42.58	9.6	25.45	14.87	42.8	10.74	23.07	33.4	33.7	-0.298	70.26	68.26	26.602	0	0
"2011-12-22	21:00:00"	17.48	35.45	7.848	25.45	14.45	35.88	9.96	21.28	32.85	33.12	-0.265	70.24	68.36	26.62	0	0
"2011-12-22	22:00:00"	17.02	39.54	7.687	23.66	14.1	40.21	9.59	20.68	32.4	32.61	-0.208	69.07	67.39	26.626	0	0
"2011-12-22	23:00:00"	18.58	41.79	7.301	26.05	15.16	42.32	8.73	24.26	31.47	31.76	-0.29	71.64	69.63	26.63	0	0
"2011-12-23	00:00:00"	17.23	38.9	8.02	23.66	14.1	39.58	9.73	21.87	30.17	30.45	-0.286	73.06	71.13	26.643	0	0
"2011-12-23	01:00:00"	13.76	39.44	8.08	20.68	11.35	39.83	9.9	17.7	30	30.27	-0.264	73.87	72.06	26.655	0	0
"2011-12-23	02:00:00"	15.05	36.24	7.865	21.28	12.48	36.65	9.85	18.89	29.52	29.78	-0.26	73.76	71.92	26.653	0	0
"2011-12-23	03:00:00"	17.46	34.45	7.081	24.26	14.38	35.16	9.32	21.28	28.8	29	-0.201	71.23	69.63	26.64	0	0
"2011-12-23	04:00:00"	17.6	43.53	7.598	25.45	14.4	43.5	9.12	22.47	28.48	28.64	-0.16	70.17	68.76	26.636	0	0
"2011-12-23	05:00:00"	14.59	55.35	8.31	24.26	12.02	54.71	9.71	20.68	28.55	28.75	-0.201	70.37	68.87	26.644	0	0
"2011-12-23	06:00:00"	14.45	42.92	8.43	20.09	11.8	43.32	9.77	17.7	28.52	28.74	-0.228	72.28	70.63	26.655	0	0
"2011-12-23	07:00:00"	14.72	41.25	7.798	21.28	12.23	41.42	9.55	17.7	28.05	28.27	-0.221	72.58	70.86	26.671	0	0
"2011-12-23	08:00:00"	13.66	43.68	8.5	20.09	11.24	43.73	9.89	18.3	27.83	28.06	-0.231	72.45	70.78	26.683	0.55409	0
"2011-12-23	09:00:00"	14.07	41.36	7.207	20.68	11.64	41.55	8.78	18.89	27.5	27.75	-0.253	72.15	70.44	26.698	11.148	0
"2011-12-23	10:00:00"	14.68	48.85	10.54	21.28	12.16	48.39	11.74	18.3	27.31	27.66	-0.351	71.22	69.42	26.716	39.652	0
"2011-12-23	11:00:00"	13.6	59.01	9.29	19.49	11.25	59	10.89	16.51	27.48	27.92	-0.44	68.71	66.91	26.727	85.888	0
"2011-12-23	12:00:00"	12.71	47.13	10.36	18.3	10.61	46.97	11.21	17.1	27.9	28.22	-0.32	68.71	67.3	26.715	129.7	0
"2011-12-23	13:00:00"	12.47	38.75	11.23	18.89	10.49	39.02	12.95	16.51	28.62	28.8	-0.185	66.53	65.39	26.687	184.15	0
"2011-12-23	14:00:00"	12.06	39.14	10.32	16.51	10.2	39.74	11.94	15.31	29.62	29.86	-0.236	63.97	62.69	26.655	152.54	0
"2011-12-23	15:00:00"	13.25	32.42	11.08	20.09	10.91	33.24	13.27	16.51	30.15	30.93	-0.78	62.76	60.94	26.637	109.23	0
"2011-12-23	16:00:00"	12.56	24.54	8.16	17.7	10.33	25.02	11.71	15.91	29.07	29.48	-0.415	71.3	71.27	26.634	70.081	0
"2011-12-23	17:00:00"	10.91	26.87	7.133	15.31	9.09	27.89	10.05	15.31	28.77	29.08	-0.307	77.32	76.88	26.636	31.662	0
"2011-12-23	18:00:00"	12.67	25.67	7.672	19.49	10.53	26.28	10.85	17.1	28.79	28.98	-0.189	78.47	77.99	26.641	5.5135	0
"2011-12-23	19:00:00"	11.77	32.11	7.451	16.51	9.83	32.76	9.55	14.72	28.87	28.94	-0.064	77.07	77.21	26.656	0.03857	0
"2011-12-23	20:00:00"	12.33	29.56	7.089	16.51	10.28	29.94	9.73	15.31	28.83	28.87	-0.043	76.36	76.8	26.676	0	0
"2011-12-23	21:00:00"	13.38	24.64	6.171	19.49	11.17	25.84	9.8	16.51	28.21	28.32	-0.115	79.39	79.28	26.684	0	0
"2011-12-23	22:00:00"	12.14	27.5	6.856	17.1	10.18	28.78	10.16	16.51	28.12	28.21	-0.093	80.9	80.6	26.686	0	0
"2011-12-23	23:00:00"	11.88	30.67	6.681	16.51	9.99	31.4	9.05	14.12	28.64	28.67	-0.035	81	80.7	26.687	0	0
"2011-12-24	00:00:00"	11.65	38.9	10.79	17.7	9.71	39.25	12.07	15.91	28.82	28.85	-0.027	80.5	80.5	26.684	0	0
"2011-12-24	01:00:00"	9.2	66.24	7.265	15.91	7.435	66.07	8.83	13.52	27.82	27.93	-0.114	80.9	80.6	26.679	0	0
"2011-12-24	02:00:00"	7.314	61.84	9.41	11.14	5.885	61.28	10.5	8.75	27.42	27.49	-0.076	81.4	81.2	26.671	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-24	03:00:00"	7.013	59.93	10.16	10.54	5.741	59.26	11.11	8.75	27.15	27.19	-0.042	81.9	81.5	26.671	0
"2011-12-24	04:00:00"	7.81	37.36	11.04	11.14	6.448	38.08	10.88	9.95	26.79	26.85	-0.061	82.1	81.7	26.667	0
"2011-12-24	05:00:00"	10.23	42.51	7.122	14.72	8.52	43.11	7.762	13.52	26.19	26.31	-0.121	82.1	81.6	26.655	0
"2011-12-24	06:00:00"	8.29	36.22	7.972	12.93	6.964	36.13	8.97	10.54	26.03	26.1	-0.07	82.1	81.6	26.656	0
"2011-12-24	07:00:00"	7.643	8.92	12.89	9.95	6.214	5.561	15.92	9.35	26.03	26.06	-0.036	82.2	81.7	26.674	0
"2011-12-24	08:00:00"	9.9	16.78	10.44	14.72	8.22	16.18	14.07	12.93	26.63	26.66	-0.036	82.4	82.1	26.687	0.81441
"2011-12-24	09:00:00"	13.28	23.33	5.749	18.3	11.2	24.43	9.25	17.1	26.79	26.86	-0.068	82.5	82.2	26.697	28.24
"2011-12-24	10:00:00"	12.47	24.34	6.277	17.7	10.72	25.3	8.9	15.91	27.46	27.55	-0.091	82.5	82.3	26.722	98.931
"2011-12-24	11:00:00"	11.95	37.07	7.007	17.7	10.21	38.32	7.865	15.31	28.29	28.43	-0.139	82.1	82.1	26.738	166.86
"2011-12-24	12:00:00"	13.23	36.96	6.779	17.7	11.25	37.67	7.622	16.51	29.58	29.82	-0.243	81.2	81.7	26.731	322.29
"2011-12-24	13:00:00"	13.12	41.56	7.362	18.3	11.22	42.48	7.997	16.51	30.19	30.45	-0.262	78.79	79.63	26.705	274.98
"2011-12-24	14:00:00"	10.74	42.44	6.924	15.31	9.55	43.55	7.495	13.52	31.11	31.12	-0.008	78.69	79.85	26.681	383.42
"2011-12-24	15:00:00"	10.06	41.54	6.766	14.12	8.95	42.74	7.211	12.93	31.91	31.86	0.054	78.65	80.5	26.668	257.47
"2011-12-24	16:00:00"	7.559	39.89	9.99	10.54	6.707	40.97	10.44	9.95	32.37	32.41	-0.034	80.4	81.8	26.662	178.53
"2011-12-24	17:00:00"	6.815	5.877	13.17	9.95	5.799	3.793	16.4	8.75	32.36	32.43	-0.073	81.8	82.6	26.674	87.602
"2011-12-24	18:00:00"	5.045	340.8	16.17	7.561	4.143	339.7	14.27	6.964	32.14	32.16	-0.023	82.5	83.1	26.678	22.769
"2011-12-24	19:00:00"	4.86	328.9	18.7	8.16	3.611	329.6	16.65	6.368	31.53	31.63	-0.1	82.9	83.4	26.687	0.0659
"2011-12-24	20:00:00"	4.949	337.3	8.36	7.561	3.904	337.8	8.59	6.368	30.99	31.02	-0.027	83.3	83.6	26.692	0
"2011-12-24	21:00:00"	4.939	329.3	6.219	6.964	3.693	330.1	7.486	5.771	30.59	30.56	0.033	83.5	83.9	26.701	0
"2011-12-24	22:00:00"	5.162	325.2	6.114	6.964	3.887	326.7	7.179	5.771	30.54	30.49	0.047	83.9	84.2	26.711	0
"2011-12-24	23:00:00"	4.037	322	7.685	5.771	2.7	323.2	7.926	4.578	30.69	30.59	0.094	84.1	84.4	26.718	0
"2011-12-25	00:00:00"	5.422	352.7	11.38	8.16	4.1	347.6	11.17	6.964	31.34	31.21	0.129	84.5	84.8	26.72	0
"2011-12-25	01:00:00"	5.898	355.3	12.32	8.16	4.439	350.3	10.82	6.368	31.53	31.26	0.268	84.6	84.9	26.709	0
"2011-12-25	02:00:00"	7.996	343	9.87	11.74	6.147	341.8	9.9	9.95	31.11	30.86	0.249	84.7	84.9	26.696	0
"2011-12-25	03:00:00"	8.42	350.1	9.89	12.33	6.508	347.5	8.76	9.95	30.23	29.87	0.352	84.6	84.6	26.695	0
"2011-12-25	04:00:00"	8.96	348.4	11.28	12.93	6.938	345.9	10.75	10.54	29.95	29.77	0.177	84.7	84.6	26.695	0
"2011-12-25	05:00:00"	9.31	2.688	12.35	12.93	7.11	357.3	14.08	11.14	30.44	30.2	0.231	84.8	84.8	26.691	0
"2011-12-25	06:00:00"	11.02	4.165	10.86	14.72	8.34	359	16.61	12.33	30.51	30.24	0.264	84.8	84.6	26.689	0
"2011-12-25	07:00:00"	9.9	356.6	11.58	14.12	7.447	352	12.06	11.74	29.97	29.7	0.271	84.7	83.9	26.692	0
"2011-12-25	08:00:00"	7.829	353.2	11.29	12.33	5.983	349.8	10.33	9.35	30	29.83	0.169	84.6	83.7	26.704	0.74944
"2011-12-25	09:00:00"	6.591	356.2	12.34	9.95	4.975	351.8	11.58	8.16	30.48	30.33	0.149	84.7	83.8	26.729	18.224
"2011-12-25	10:00:00"	7.014	356.4	11.99	11.14	5.428	352.2	12.73	9.35	31.48	31.27	0.202	84.7	83.6	26.756	51.502
"2011-12-25	11:00:00"	8.83	5.645	8.89	14.72	7.351	1.919	13.59	12.33	32.25	31.96	0.29	83.3	82.4	26.771	158.81
"2011-12-25	12:00:00"	10.18	1.737	12.35	14.72	8.51	357.9	16.12	12.93	34.15	33.62	0.525	76.51	80.3	26.766	364.63
"2011-12-25	13:00:00"	12.46	352.3	11.19	17.1	10.38	349.1	10.51	14.72	35.04	35.5	-0.467	73.76	75.17	26.735	479.77
"2011-12-25	14:00:00"	11.16	5.67	11.71	15.91	9.44	2.957	13.87	14.72	34.46	35.59	-1.122	73.85	73.34	26.716	309.11
"2011-12-25	15:00:00"	10.95	6.535	10.04	14.72	9.21	3.085	12.82	12.93	34.2	34.85	-0.649	74.28	74.17	26.703	194.09
"2011-12-25	16:00:00"	10.35	0.191	12.44	14.72	8.71	356.2	12.97	12.93	34.14	34.45	-0.308	74.58	74.82	26.694	158.22
"2011-12-25	17:00:00"	9.83	358.3	13.97	12.93	8.07	353.7	11.54	12.33	34.13	34.31	-0.179	72.79	73.57	26.689	91.567
"2011-12-25	18:00:00"	8.35	354.7	10.92	14.12	6.882	351.3	10.57	12.33	33.34	33.49	-0.142	75.69	75.81	26.685	16.336
"2011-12-25	19:00:00"	6.946	351.7	11.3	10.54	5.726	349.2	9.8	9.35	32.82	32.91	-0.091	77.43	77.36	26.687	0.14416
"2011-12-25	20:00:00"	7.335	355.5	11.72	9.95	5.933	352	9.88	9.35	32.62	32.75	-0.127	79.3	79.3	26.689	0
"2011-12-25	21:00:00"	6.065	356.9	11.86	9.95	4.992	353.3	10.95	8.75	32.49	32.56	-0.066	80.1	79.55	26.684	0
"2011-12-25	22:00:00"	4.883	354.2	16.95	7.561	3.912	351.3	15.92	6.368	32.08	32.15	-0.064	79.55	78.9	26.679	0
"2011-12-25	23:00:00"	2.667	324.1	9.91	4.578	1.659	316.9	10.62	3.982	31.65	31.65	-0.009	79.49	78.79	26.672	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-26	00:00:00"	3.112	293	11.49	5.771	1.69	294.5	13.04	3.982	31.14	31.02	0.114	79.83	79.19	26.659	0
"2011-12-26	01:00:00"	4.122	307.2	15.66	7.561	2.373	309.5	16.6	4.578	30.9	30.86	0.036	80.6	79.93	26.634	0
"2011-12-26	02:00:00"	5.915	292.8	8.29	8.16	3.241	296.5	10.1	5.175	30.07	29.95	0.115	81.1	80.4	26.609	0
"2011-12-26	03:00:00"	7.643	287.2	8.15	12.33	4.861	291.7	9.79	10.54	30.14	30.05	0.088	81.7	81.3	26.593	0
"2011-12-26	04:00:00"	7.787	284.4	7.908	12.93	5.185	288.5	9.67	11.14	29.72	29.67	0.052	81.4	80.7	26.579	0
"2011-12-26	05:00:00"	7.614	279.1	6.45	11.74	5.467	283.2	8.25	11.14	28.59	28.56	0.03	80.1	79.03	26.557	0
"2011-12-26	06:00:00"	7.893	288.2	10.97	11.14	4.488	291.9	13.46	9.35	26.8	26.22	0.572	78.92	77.36	26.533	0
"2011-12-26	07:00:00"	8.56	289.7	10.66	12.33	4.364	298.6	11.73	7.561	25.59	24.38	1.213	78.57	77.38	26.523	0
"2011-12-26	08:00:00"	7.466	292.1	7.708	9.35	3.529	298.8	11.92	6.368	23.57	21.56	2.007	77.88	76.39	26.529	1.7364
"2011-12-26	09:00:00"	7.007	287.5	9.15	9.35	3.989	290.7	13.27	6.368	22.39	21.24	1.152	78.09	77.97	26.515	86.18
"2011-12-26	10:00:00"	4.816	266.9	8.98	8.16	3.88	268.8	12.24	6.964	26.71	26.24	0.472	76.87	78.39	26.519	266.58
"2011-12-26	11:00:00"	4.492	267.8	8.93	6.368	3.81	271.5	9.03	5.771	33.07	32.92	0.141	66.41	69.95	26.528	431.41
"2011-12-26	12:00:00"	6.28	269.2	11.3	11.74	5.192	271.5	11.4	9.95	39.54	39.77	-0.225	53.71	54.87	26.514	551.17
"2011-12-26	13:00:00"	10.65	251	13.34	16.51	9.07	255.8	14.93	14.72	40.97	41.87	-0.907	48.83	46.8	26.483	609.81
"2011-12-26	14:00:00"	10.87	240.6	9	15.31	9.29	245.3	10.33	13.52	40.22	41.69	-1.462	51.31	47.82	26.463	591.57
"2011-12-26	15:00:00"	11.5	248.3	11.23	18.89	9.7	252.9	13.35	15.31	41.58	42.61	-1.022	49.7	46.91	26.447	529.11
"2011-12-26	16:00:00"	11.52	265.4	8.85	17.1	9.48	270.2	9.32	15.31	43.06	43.33	-0.269	47.94	46.68	26.44	400.97
"2011-12-26	17:00:00"	11.07	267	7.343	16.51	9.07	270.3	7.701	14.12	43.26	43.79	-0.522	48.2	46.5	26.44	234.81
"2011-12-26	18:00:00"	6.392	251.5	7.958	11.14	4.912	257.7	9.23	9.35	41.78	42.15	-0.371	53.44	51.07	26.446	56.113
"2011-12-26	19:00:00"	6.318	252.6	10	8.16	4.645	257.4	10.13	7.561	38.69	37.57	1.127	58.52	58.7	26.447	0.36828
"2011-12-26	20:00:00"	6.528	250.3	12.32	9.35	4.599	255.4	13.14	8.16	37.47	35.48	1.991	61.45	63.79	26.465	0
"2011-12-26	21:00:00"	6.852	282.6	12.42	8.75	3.203	289.2	17.72	6.368	37.12	34.45	2.671	59.27	62.55	26.477	0
"2011-12-26	22:00:00"	8	302.4	9.47	11.14	3.975	306.3	27.49	6.964	34.85	31.5	3.357	63.25	67.23	26.488	0
"2011-12-26	23:00:00"	9.3	295.1	10.05	12.33	4.564	303.4	12.84	7.561	34.88	31.84	3.048	64.73	69.21	26.513	0
"2011-12-27	00:00:00"	12.02	305.1	14.73	18.3	7.265	309.8	14.89	15.31	33.37	31.3	2.074	65.39	69.49	26.524	0
"2011-12-27	01:00:00"	16.03	323.5	6.469	21.28	11.6	326.1	8.05	17.7	33.92	32.79	1.126	62.09	64.34	26.539	0
"2011-12-27	02:00:00"	15.17	340.1	13.32	20.68	11.44	340.1	12.09	17.1	33.58	32.54	1.034	62.42	64.17	26.55	0
"2011-12-27	03:00:00"	16.3	8.88	7.573	23.07	12.84	5.933	13.03	19.49	34.96	33.91	1.052	56.1	58.24	26.567	0
"2011-12-27	04:00:00"	15.77	10.15	7.118	23.66	12.4	7.664	11.38	18.3	33.91	33	0.91	56.73	58.2	26.584	0
"2011-12-27	05:00:00"	14.43	6.897	7.987	20.09	11.03	3.703	12.67	16.51	32.57	31.64	0.932	57.88	59.18	26.596	0
"2011-12-27	06:00:00"	11.12	356.7	18.58	17.1	8.03	352.3	21.14	13.52	31.2	30.07	1.124	58.25	59.81	26.608	0
"2011-12-27	07:00:00"	8.67	337.6	12.59	12.33	5.531	335.9	19.46	9.35	29.04	26.8	2.246	60.17	62.79	26.619	0
"2011-12-27	08:00:00"	9.98	311.7	7.818	13.52	5.83	315.1	9.63	9.95	27.07	25.17	1.904	64.52	67.55	26.637	1.7784
"2011-12-27	09:00:00"	11.57	312.9	4.61	14.12	7.511	316.1	7.041	10.54	30.67	26.67	3.997	61.92	65.47	26.647	88.18
"2011-12-27	10:00:00"	8.85	317.7	6.379	13.52	6.432	321.5	8.48	10.54	37.4	32.98	4.418	52.31	57.32	26.661	267.79
"2011-12-27	11:00:00"	6.065	317.7	7.756	8.75	4.654	321.2	10.08	8.16	46.65	38.81	7.835	41.12	50.99	26.678	431.26
"2011-12-27	12:00:00"	3.023	265.8	20.92	5.771	3.106	268.6	19.79	5.771	50.9	41.81	9.09	33.81	43.67	26.667	550.88
"2011-12-27	13:00:00"	4.023	182.8	45.8	10.54	4.07	182.2	56.71	9.35	55.89	44.48	11.41	26.01	35.11	26.635	610.79
"2011-12-27	14:00:00"	8.31	184.5	14.06	13.52	7.147	184.8	17.21	12.33	56.01	45.36	10.65	24.86	35.29	26.597	589.17
"2011-12-27	15:00:00"	8.94	178.9	12.91	13.52	7.515	177.8	15.55	13.52	54.9	45.37	9.53	26.77	36.63	26.567	526.33
"2011-12-27	16:00:00"	8.13	170.5	14.42	14.12	6.758	170.2	16.06	12.33	54.51	46.08	8.44	31.19	41.39	26.547	398.32
"2011-12-27	17:00:00"	7.919	160	11.17	11.14	6.557	158.7	11.52	9.95	52.34	45.76	6.583	35.55	44.71	26.531	232.66
"2011-12-27	18:00:00"	6.044	153.2	10.47	11.14	4.75	148.6	13.97	9.35	50.91	44.21	6.702	39.63	49.76	26.514	56.816
"2011-12-27	19:00:00"	4.964	118.3	10.77	6.368	2.024	68.94	32.01	4.578	46.36	39.63	6.733	46.49	58.53	26.507	0.17947
"2011-12-27	20:00:00"	5.147	126.6	10.11	9.35	3.309	86.3	25.22	5.771	44.02	38.63	5.393	51.38	59.63	26.502	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-27	21:00:00"	6.525	175.8	13.41	11.14	3.993	170.8	26.13	7.561	41.5	37.81	3.692	50.78	59.11	26.504	0
"2011-12-27	22:00:00"	6.25	206.3	10.08	9.95	4.31	209.8	11.38	6.964	38.37	36.83	1.54	55.26	58.81	26.497	0
"2011-12-27	23:00:00"	8.04	208.8	8.51	11.74	5.418	210.3	12.22	8.16	37.56	35.7	1.857	58.21	61.86	26.49	0
"2011-12-28	00:00:00"	6.214	231	18.51	10.54	4.204	240.9	23.86	7.561	38.31	36.56	1.755	56.27	59.31	26.482	0
"2011-12-28	01:00:00"	7.891	231.6	13.35	12.33	5.969	236.6	16.19	9.95	37.61	35.96	1.655	57.92	61.16	26.456	0
"2011-12-28	02:00:00"	6.511	249.9	13.26	9.95	4.661	258.6	15.78	8.16	36.67	35.1	1.571	59.3	61.93	26.441	0
"2011-12-28	03:00:00"	6.792	250	11.28	9.95	4.81	251.5	16.07	8.16	37.68	35.61	2.071	58.57	62.78	26.429	0
"2011-12-28	04:00:00"	8.78	256.3	17.77	13.52	6.102	258	20.75	9.95	37.92	35.98	1.933	56.52	60.47	26.422	0
"2011-12-28	05:00:00"	12.73	295.6	10.13	17.7	6.794	299.2	12.58	11.74	36.8	35.34	1.455	56.85	59.51	26.416	0
"2011-12-28	06:00:00"	17.51	317.1	7.125	24.86	11.83	320.5	8.96	20.09	37.7	36.6	1.104	54.05	56.53	26.427	0
"2011-12-28	07:00:00"	19.91	319.1	6.735	32.01	14.26	322.1	8.59	27.24	39.48	38.5	0.986	47.11	48.94	26.447	0
"2011-12-28	08:00:00"	17.42	326	6.751	25.45	12.88	327.9	8.8	21.87	39.11	38.09	1.012	46.63	48.36	26.478	1.5308
"2011-12-28	09:00:00"	14.19	324.8	9.52	23.07	10.29	326.1	10.47	19.49	38.33	37.61	0.718	48.12	49.41	26.5	90.51
"2011-12-28	10:00:00"	15.76	328.2	9.42	24.86	12.03	329.5	10.52	18.89	42.56	42.27	0.287	40.81	41.66	26.526	269.28
"2011-12-28	11:00:00"	16.99	335.9	8.31	24.26	13.18	336	10.1	20.68	46.06	46.05	0.011	36.55	37.42	26.55	429.13
"2011-12-28	12:00:00"	16.44	336.7	9.28	23.07	12.75	336.5	10.69	19.49	48.8	49.23	-0.425	33.33	34.26	26.553	546.59
"2011-12-28	13:00:00"	16.54	334.8	10.06	23.07	12.84	335.1	11.39	20.09	50.55	51.56	-1.004	31.65	32.53	26.543	604.44
"2011-12-28	14:00:00"	13.96	331.9	13.51	20.68	10.84	332.6	13.82	17.1	52.54	53.89	-1.343	30.54	31.04	26.519	586.76
"2011-12-28	15:00:00"	12.54	308.3	11.51	18.3	8.32	311.6	12.93	14.72	54.17	55.6	-1.434	30.06	29.66	26.506	526.51
"2011-12-28	16:00:00"	11.02	311.4	10.53	17.1	7.587	314.4	12.36	13.52	55.61	56.9	-1.29	25.89	25.64	26.498	401.74
"2011-12-28	17:00:00"	5.88	289.6	17.14	11.74	4.116	292.1	19.55	9.95	55.94	57.71	-1.767	26.59	25.46	26.495	236.5
"2011-12-28	18:00:00"	2.793	265.8	12.06	9.95	3.629	269.1	14.35	6.964	54.76	55.88	-1.118	27.92	27.82	26.486	58.991
"2011-12-28	19:00:00"	4.281	299.3	10.53	8.16	2.895	318.8	16.22	5.175	50.55	47.73	2.818	30.75	34.22	26.486	0.35066
"2011-12-28	20:00:00"	5.453	310.5	19.49	8.16	2.756	347.4	47.35	5.771	49.64	41.92	7.716	32.1	42.05	26.489	0
"2011-12-28	21:00:00"	2.226	273.3	31.63	5.771	1.616	297.9	65.87	5.175	45.49	39.84	5.653	38.5	46.91	26.485	0
"2011-12-28	22:00:00"	3.412	288.5	19.16	5.771	2.206	313.2	20.05	5.175	44.67	40.03	4.641	41.61	47.24	26.486	0
"2011-12-28	23:00:00"	4.431	284	31.23	6.964	2.617	286.6	48.25	4.578	43.79	39.25	4.546	42.97	49.23	26.482	0
"2011-12-29	00:00:00"	5.419	261	6.321	8.16	3.191	278	17.62	6.368	42.41	37.54	4.867	47.61	55.36	26.471	0
"2011-12-29	01:00:00"	6.266	265	6.274	8.75	3.678	284	8.48	6.368	42.37	38.14	4.238	45.41	55.68	26.464	0
"2011-12-29	02:00:00"	7.177	274.2	8.67	9.35	3.483	291.7	5.924	4.578	43.64	38.12	5.518	39.28	52	26.453	0
"2011-12-29	03:00:00"	8.14	296.1	6.725	11.14	3.572	307	7.969	6.964	41.95	36.03	5.917	44.22	54.41	26.435	0
"2011-12-29	04:00:00"	8.21	300.2	5.523	11.14	3.173	296.7	13.95	5.771	40.12	34.29	5.827	43.25	57.38	26.414	0
"2011-12-29	05:00:00"	6.609	293	16.3	10.54	2.854	281	30.91	5.771	38.81	34.07	4.743	44.4	56.5	26.399	0
"2011-12-29	06:00:00"	6.502	280.8	13.95	9.95	3.483	272.2	18.99	5.771	36.65	34.15	2.503	51.61	58.4	26.399	0
"2011-12-29	07:00:00"	6.057	273.2	15.26	8.16	3.558	265.7	17.43	5.771	35.76	33.19	2.572	59.01	62.34	26.392	0
"2011-12-29	08:00:00"	7.995	296.5	20.85	13.52	4.605	307.1	29.24	8.16	38.77	33.38	5.394	59.29	67.5	26.391	1.6573
"2011-12-29	09:00:00"	9.09	299.1	17.79	12.33	4.621	301.5	24.99	7.561	40.01	36.76	3.255	54.97	64.77	26.398	88.799
"2011-12-29	10:00:00"	7.345	287	10.56	11.14	4.595	288	13.85	7.561	43.77	43.46	0.31	51.5	53.79	26.409	264.63
"2011-12-29	11:00:00"	6.916	271.3	10.96	10.54	5.27	272.2	11.59	8.75	50.4	49.61	0.792	43.04	44.18	26.413	423.05
"2011-12-29	12:00:00"	9.57	268.3	8.69	15.31	7.593	270.9	10.07	12.33	60.78	57.71	3.071	30.9	33.27	26.391	541.01
"2011-12-29	13:00:00"	9.94	238.7	18.83	14.72	8.73	241.5	21.15	13.52	68.51	62.29	6.22	23.75	27.76	26.352	599.9
"2011-12-29	14:00:00"	10.9	242.3	12.52	17.7	9.28	246.3	14.29	14.12	70.71	63.89	6.825	21.75	26.24	26.318	582.82
"2011-12-29	15:00:00"	11.86	242.5	11.65	17.7	9.9	246.1	14.24	15.91	73.21	66.44	6.766	19.58	23.27	26.301	526.06
"2011-12-29	16:00:00"	12.65	235.1	12.65	20.09	10.74	237.3	15.32	17.7	73.39	66.91	6.487	19.87	23.1	26.292	399.83
"2011-12-29	17:00:00"	11.54	237.8	10.31	20.09	9.65	241.7	12.29	16.51	73.63	66.56	7.07	18.45	21.66	26.288	236.45

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-29	18:00:00"	9.54	248.5	10.81	13.52	7.574	252.5	12.25	11.74	72	63.54	8.46	20.51	25.72	26.287	59.76	0	
"2011-12-29	19:00:00"	10.01	266.6	7.951	14.72	7.623	269.2	10.14	12.33	61.72	59.7	2.022	28.84	30.71	26.296	0.40243	0	
"2011-12-29	20:00:00"	10.08	276.5	10.53	15.91	6.035	281.2	13.7	12.33	58.08	56.2	1.888	34.89	36.1	26.301	0	0	
"2011-12-29	21:00:00"	10.3	287.6	4.918	12.33	4.606	292.5	9.85	6.368	52.78	49.5	3.286	44.83	48.84	26.306	0	0	
"2011-12-29	22:00:00"	11.05	289	10.64	16.51	5.469	295.5	14.36	10.54	49.88	46.93	2.949	51.77	56.59	26.311	0	0	
"2011-12-29	23:00:00"	9.88	294.4	7.426	12.93	4.314	299	9.96	6.368	49.61	46.68	2.93	52.33	57.06	26.322	0	0	
"2011-12-30	00:00:00"	10.7	289.8	4.939	12.93	4.535	295.6	7.673	7.561	48.64	45.48	3.162	55.44	60.03	26.325	0	0	
"2011-12-30	01:00:00"	12.06	300.3	7.359	17.7	5.817	304	10.56	11.14	47.29	44.83	2.462	57.89	62.6	26.336	0	0	
"2011-12-30	02:00:00"	11.96	314.5	12.63	17.7	6.717	317.7	13.69	14.12	46.27	44.63	1.64	57.12	59.58	26.344	0	0	
"2011-12-30	03:00:00"	16.01	323.6	8.08	22.47	11.32	326.1	9.7	18.89	49.1	47.59	1.513	47.78	49.94	26.366	0	0	
"2011-12-30	04:00:00"	12.25	316.8	9.09	17.7	7.825	321	10.67	14.12	44.98	43.76	1.215	55.09	56.48	26.388	0	0	
"2011-12-30	05:00:00"	13.03	326.9	9.64	20.09	9.04	328.9	11.59	15.91	44.04	42.84	1.197	57.16	58.88	26.405	0	0	
"2011-12-30	06:00:00"	10.93	27.08	16.78	23.66	8.1	28.53	18.31	17.7	44.34	42.86	1.48	56.61	58.48	26.456	0	0	
"2011-12-30	07:00:00"	11.27	26.54	5.92	15.31	8.05	25.82	9.32	11.14	41.79	40.27	1.527	60.74	62.79	26.489	0	0	
"2011-12-30	08:00:00"	10.59	29.91	5.003	12.93	7.196	28.23	8.63	9.35	41.75	39.89	1.861	57.88	61.08	26.506	1.5698	0	
"2011-12-30	09:00:00"	9.89	37.57	7.099	12.33	7.115	34.37	8.5	9.95	42.71	40.85	1.87	54.79	60.13	26.521	85.857	0	
"2011-12-30	10:00:00"	8.22	66.8	19.66	15.31	6.742	65.85	20.68	11.74	47.99	47.66	0.333	43.27	44.49	26.552	261.78	0	
"2011-12-30	11:00:00"	10.68	110.3	13.4	17.1	8.77	110.9	16.19	15.91	53.43	53.79	-0.361	27.45	28.1	26.58	421.31	0	
"2011-12-30	12:00:00"	10.56	132	13.22	17.1	8.87	133.9	14.23	14.72	56.22	57.23	-1.006	23.14	23.43	26.573	537.86	0	
"2011-12-30	13:00:00"	10.66	159.9	16.58	17.7	9.26	160.2	17.54	15.91	57.37	58.82	-1.447	23.81	23.17	26.548	595.28	0	
"2011-12-30	14:00:00"	10.12	172.7	15.98	18.89	8.66	172.9	17.61	14.12	59.17	60.77	-1.605	21.68	20.8	26.524	576.05	0	
"2011-12-30	15:00:00"	9.57	182.4	14.35	15.91	8.6	182.9	17.98	14.72	60.69	62.5	-1.807	20.7	19.78	26.496	520.58	0	
"2011-12-30	16:00:00"	10.42	188.3	11.51	17.1	8.86	190.2	14.26	14.72	61.41	63.01	-1.593	20.97	20.05	26.477	397.07	0	
"2011-12-30	17:00:00"	8.38	193.3	12.85	14.12	6.928	195.3	14.53	12.93	61.23	62.9	-1.663	22.12	21.06	26.466	235.76	0	
"2011-12-30	18:00:00"	7.954	199.3	8.68	12.93	6.168	201.3	10.68	12.93	59.29	59.97	-0.671	25.61	25.16	26.458	57.458	0	
"2011-12-30	19:00:00"	3.514	194	6.432	9.35	4.688	199.7	9.15	7.561	54	52.99	1.017	30.4	32.1	26.459	0.47947	0	
"2011-12-30	20:00:00"	1	191.5	8.5	1	3.916	199.1	13.36	5.771	50.41	48.71	1.702	34.37	37.01	26.46	0	0	
"2011-12-30	21:00:00"	5.366	191.7	11.98	11.14	4.792	196.4	16.55	8.16	49.04	47.23	1.813	36.35	39.12	26.457	0	0	
"2011-12-30	22:00:00"	7.541	214.7	10.5	10.54	5.686	216	10.45	9.35	47.35	45.98	1.377	39.44	41.65	26.448	0	0	
"2011-12-30	23:00:00"	7.315	225.5	11.86	11.74	5.485	225.6	12.99	9.35	45.94	44.93	1.013	41.94	43.04	26.441	0	0	
"2011-12-31	00:00:00"	7.698	223.1	11.01	10.54	6.007	223.2	11.56	9.35	45.76	44.62	1.132	41.75	43.07	26.435	0	0	
"2011-12-31	01:00:00"	6.528	229.7	10.54	9.35	4.649	235.1	12.92	7.561	45.79	44.21	1.58	41.23	43.32	26.421	0	0	
"2011-12-31	02:00:00"	7.066	248.5	8.35	9.95	4.775	260.6	7.541	6.368	46.64	44.18	2.461	39.67	44.3	26.408	0	0	
"2011-12-31	03:00:00"	6.913	257.6	6.654	8.75	4.851	264.9	6.656	6.964	46.71	44.36	2.358	39.08	43.17	26.401	0	0	
"2011-12-31	04:00:00"	6.048	253.5	5.901	8.16	4.005	262.3	5.951	6.368	47.23	44.53	2.705	37.88	41.94	26.391	0	0	
"2011-12-31	05:00:00"	5.39	260.2	7.196	6.964	3.395	273.6	13.8	5.175	45.17	42.06	3.101	41.2	45.39	26.377	0	0	
"2011-12-31	06:00:00"	6.082	243.2	7.562	8.16	4.147	249.7	10.06	5.771	42.84	40.33	2.511	45.37	50.32	26.37	0	0	
"2011-12-31	07:00:00"	6.7	236.5	9.49	9.95	4.734	240.8	13.79	8.16	42.35	40	2.345	46.97	51.55	26.369	0	0	
"2011-12-31	08:00:00"	7.001	231.8	10.35	9.95	5.134	230.7	13.42	7.561	41.35	40.02	1.329	48.74	51.06	26.379	1.5669	0	
"2011-12-31	09:00:00"	6.696	232.3	11.24	9.35	5.311	232.3	14.62	8.16	41.1	40.38	0.719	51.07	52.6	26.397	88.492	0	
"2011-12-31	10:00:00"	5.375	228.1	16.84	8.75	4.455	226.7	17.82	7.561	45.12	45.23	-0.117	51.65	51.54	26.407	267.39	0	
"2011-12-31	11:00:00"	7.048	214.5	10.81	10.54	6.195	216.5	11.78	9.35	51.94	52.89	-0.949	45.02	43.28	26.419	429.15	0	
"2011-12-31	12:00:00"	8.83	247.6	11.91	14.72	7.478	252	14.44	12.93	59.12	60.07	-0.947	36.71	35.25	26.408	548.92	0	
"2011-12-31	13:00:00"	13.05	258.3	11.08	19.49	10.63	262.1	13.29	18.3	69.54	70.42	-0.881	23.15	22.03	26.38	611.53	0	
"2011-12-31	14:00:00"	14.66	267.4	15.14	21.87	11.34	271.2	15.9	17.1	72.83	74.03	-1.204	18.57	17.24	26.356	595	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2011-12-31	15:00:00"	15.54	281.2	9.69	23.07	10.85	284.5	12.07	20.68	74.22	75.63	-1.403	17.12	15.76	26.356	539.88	0
"2011-12-31	16:00:00"	14.14	283.4	10.27	21.28	9.65	286.4	12.95	18.3	74.93	76.1	-1.167	16.74	15.37	26.369	415.91	0
"2011-12-31	17:00:00"	13.33	287.3	8.96	20.68	8.4	290.4	11.06	16.51	74.18	75.1	-0.922	17.02	15.62	26.385	253.66	0
"2011-12-31	18:00:00"	7.386	307.2	14.97	10.54	4.129	314.1	17.76	7.561	71.46	71.56	-0.1	21.03	19.95	26.415	75.554	0
"2011-12-31	19:00:00"	8.98	316.9	16.36	14.72	4.751	327.5	13.35	8.75	67.05	61.61	5.435	25.66	29.09	26.446	1.1356	0
"2011-12-31	20:00:00"	12.71	336.3	9.09	17.1	8.44	338.1	10.66	12.93	60.73	57.39	3.343	30.27	33.89	26.49	0	0
"2011-12-31	21:00:00"	9	353.2	12.24	18.3	8.16	352.7	13	14.72	57.95	55.81	2.132	29.9	31.53	26.534	0	0
"2011-12-31	22:00:00"	19.67	25.79	14.58	35.59	15.24	26.02	16.91	33.21	52.92	51.42	1.496	32.08	33.3	26.597	0	0
"2011-12-31	23:00:00"	27.46	40.42	7.43	40.36	22.3	40.93	8.9	33.21	48.4	47.95	0.448	26.13	25.7	26.645	0	0
"2012-01-01	00:00:00"	20.99	36.55	6.904	32.61	17.05	36.78	8.72	27.84	44.45	44.09	0.358	30.63	29.95	26.688	0	0
"2012-01-01	01:00:00"	17.79	34.99	6.758	27.24	14.51	35.33	8.96	24.26	41.61	41.21	0.403	35.46	34.93	26.714	0	0
"2012-01-01	02:00:00"	12.91	31.96	7.388	17.7	10.35	32.49	9.27	16.51	38.54	38.07	0.472	40.68	40.14	26.735	0	0
"2012-01-01	03:00:00"	14.68	23.42	5.794	18.89	11.5	23.49	9.57	15.31	35.77	35.2	0.574	46.68	46.5	26.753	0	0
"2012-01-01	04:00:00"	14.59	16.69	5.816	20.68	11.23	15.3	12.27	17.7	34.53	33.98	0.55	50.57	50.86	26.773	0	0
"2012-01-01	05:00:00"	6.644	333.6	21.44	10.54	4.334	328.1	24.67	9.35	33.36	32.16	1.201	52.72	53.25	26.812	0	0
"2012-01-01	06:00:00"	7.784	325.8	17.84	10.54	3.852	321.1	18.36	5.771	30.81	28	2.812	56.92	59.95	26.829	0	0
"2012-01-01	07:00:00"	9.41	308.1	7.312	11.74	4.882	311.1	10.57	7.561	29.13	27.11	2.017	65.33	68.48	26.857	0	0
"2012-01-01	08:00:00"	10.7	319.7	6.473	12.33	6.741	322.1	8.74	9.35	28.77	27.45	1.319	66.35	69.25	26.882	1.5986	0
"2012-01-01	09:00:00"	8.94	330.2	6.505	12.33	6.318	330.7	8.45	9.95	31.2	30.27	0.933	65.54	68.12	26.919	88.767	0
"2012-01-01	10:00:00"	8.11	356.4	13.12	12.93	6.655	353.6	14.9	11.14	38.53	38.76	-0.226	48.57	48.31	26.947	267.42	0
"2012-01-01	11:00:00"	3.424	29.03	23.74	11.14	5.27	30.49	28.35	10.54	42.81	43.85	-1.037	35.35	34.17	26.965	428.29	0
"2012-01-01	12:00:00"	2.453	42.45	25.06	9.35	4.95	42.83	27.74	9.95	45.66	47.32	-1.661	29.55	27.66	26.961	546.58	0
"2012-01-01	13:00:00"	4.761	46.99	40.06	11.14	4.527	46.55	47.01	11.14	47.92	50.06	-2.137	26.47	24	26.937	606.91	0
"2012-01-01	14:00:00"	3.51	63.24	53.41	9.35	4.271	64.53	54.3	9.35	50.13	52.43	-2.305	22.79	20.26	26.911	591.67	0
"2012-01-01	15:00:00"	3.393	98.3	78.2	9.35	3.659	95.6	80.6	9.35	52.06	54.47	-2.407	20.59	17.99	26.895	533.12	0
"2012-01-01	16:00:00"	2.723	97.6	67.92	8.16	3.223	99.3	69.48	7.561	52.67	54.88	-2.204	19.47	16.95	26.881	408.35	0
"2012-01-01	17:00:00"	5.295	72.83	32.75	9.95	4.8	73.46	34.51	9.35	51.5	54.05	-2.542	20.19	17.52	26.889	244.59	0
"2012-01-01	18:00:00"	6.263	84.7	10.62	9.35	4.617	84.6	12.21	7.561	48.86	50.14	-1.282	22.3	21	26.896	66.299	0
"2012-01-01	19:00:00"	5.603	95.3	1.649	6.368	3.232	74.49	10.97	3.982	45.32	43.21	2.11	24.43	26.04	26.895	0.54687	0
"2012-01-01	20:00:00"	5.343	97.6	11	7.561	3.337	64.2	14.1	4.578	43.52	39.53	3.993	26.12	30.27	26.895	0	0
"2012-01-01	21:00:00"	5.739	113.8	7.15	6.964	3.375	77.85	11.3	4.578	42.3	38.13	4.163	27.89	32.51	26.9	0	0
"2012-01-01	22:00:00"	4.283	75.44	10.61	6.964	3.83	41.56	13.11	5.175	40.48	36.19	4.293	29.84	36.07	26.903	0	0
"2012-01-01	23:00:00"	6.288	59.2	7.931	8.16	4.205	26.64	12.5	5.771	39.24	33.23	6.009	31.86	41.24	26.908	0	0
"2012-01-02	00:00:00"	5.148	45.36	7.631	6.368	4.995	11.74	5.066	5.771	37.7	30.37	7.332	33.43	46.43	26.914	0	0
"2012-01-02	01:00:00"	6.772	67.19	6.708	11.14	4.512	42	15.52	6.368	37.73	30.5	7.224	32.57	47.55	26.916	0	0
"2012-01-02	02:00:00"	7.311	49.98	13.6	14.12	4.781	33.95	25.27	8.75	35.46	31.15	4.315	35.55	44.57	26.927	0	0
"2012-01-02	03:00:00"	8.32	63.81	17.17	11.74	5.213	53.95	17.38	8.75	32.46	29.45	3.004	40.76	47.84	26.93	0	0
"2012-01-02	04:00:00"	7.434	81.5	9.06	9.35	4.56	58.85	7.129	5.771	32.43	28.94	3.484	41.52	48.26	26.931	0	0
"2012-01-02	05:00:00"	6.822	51.57	14.31	9.35	4.464	33.24	18.57	6.368	31.52	28.37	3.142	45.7	50.84	26.939	0	0
"2012-01-02	06:00:00"	5.797	36.64	7.808	9.95	4.914	10.83	7.013	6.368	28.53	24.68	3.851	52.93	56.61	26.938	0.0001	0
"2012-01-02	07:00:00"	7.707	23.24	5.922	11.14	4.88	16.3	9.27	8.16	28.79	24	4.794	52.72	61.67	26.955	0.00067	0
"2012-01-02	08:00:00"	7.941	16.96	6.27	10.54	4.821	11.64	8.44	6.368	28.83	23.26	5.567	53.51	63.49	26.971	1.5483	0
"2012-01-02	09:00:00"	6.474	24.7	5.576	9.35	4.431	14.58	10.23	6.368	29.96	25.61	4.352	53.92	66.97	26.993	88.127	0
"2012-01-02	10:00:00"	4.446	77.47	30.85	6.964	3.919	75.39	35.21	6.368	36.43	35.88	0.547	50.41	55.32	27.025	267.34	0
"2012-01-02	11:00:00"	6.954	127	13.65	11.74	5.861	128.7	16.27	9.95	42.78	43.5	-0.721	36.73	35.92	27.051	429.24	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-02	12:00:00"	8.75	149.3	20.23	13.52	7.505	151.1	20.95	11.74	45.5	46.94	-1.434	27.81	26.53	27.034	549.71	0	
"2012-01-02	13:00:00"	7.849	163.8	18.14	13.52	6.886	164.5	18.7	12.33	47	48.88	-1.881	22.62	20.82	27.002	611.3	0	
"2012-01-02	14:00:00"	7.254	163.4	21.4	14.12	6.412	163.6	23.71	11.74	49.06	51.1	-2.041	20.98	18.96	26.963	595.39	0	
"2012-01-02	15:00:00"	6.793	185.6	21.61	11.74	6.075	188.3	25.39	10.54	50.59	52.75	-2.158	17.58	15.6	26.936	536.24	0	
"2012-01-02	16:00:00"	3.723	164.7	19.23	12.93	5.53	165.3	21.57	11.74	52.07	52.89	-0.827	15.16	13.73	26.919	414.59	0	
"2012-01-02	17:00:00"	5.685	164.2	20.86	10.54	5.102	166	23.78	9.35	57.04	49.99	7.045	14.04	15.66	26.9	250.95	0	
"2012-01-02	18:00:00"	5.705	157.5	9.94	10.54	5.011	156.6	10.06	9.95	56.08	48.26	7.823	14.68	18.1	26.888	69.548	0	
"2012-01-02	19:00:00"	3.816	176.1	15.13	6.964	2.612	177.8	20.71	5.175	49.22	44.23	4.993	18.18	21.72	26.878	0.60761	0	
"2012-01-02	20:00:00"	3.151	199.2	6.226	4.578	2.201	191.7	13.79	3.982	41.89	40.15	1.74	22.59	24.56	26.877	0	0	
"2012-01-02	21:00:00"	2.419	185.6	11.14	5.175	2.272	176	13.89	3.982	39.61	37.47	2.134	24.42	27.95	26.872	0	0	
"2012-01-02	22:00:00"	3.547	171.2	6.353	4.578	2.079	160.6	15.06	3.386	37.43	35.26	2.163	27.63	31.25	26.865	0	0	
"2012-01-02	23:00:00"	3.592	173.5	8.86	4.578	1.66	153.1	19.76	2.789	36.57	33.83	2.743	28.65	32.28	26.857	0	0	
"2012-01-03	00:00:00"	1.536	187.5	7.69	3.982	1	161.6	31.91	1	35.8	32.34	3.458	29.09	32.58	26.842	0	0	
"2012-01-03	01:00:00"	2.098	213.9	13.94	5.771	1.433	209.3	23.99	3.982	35.29	31.61	3.681	29.94	34.13	26.825	0	0	
"2012-01-03	02:00:00"	5.757	212.3	7.766	7.561	3.295	204.7	13.01	5.771	36.36	33.1	3.268	30.14	36.04	26.803	0	0	
"2012-01-03	03:00:00"	7.064	195.1	7.518	8.75	4.157	195.7	8.45	6.368	36.11	32.44	3.667	29.77	37.12	26.782	0	0	
"2012-01-03	04:00:00"	7.523	186.4	6.64	11.14	5.281	187.6	8.63	8.16	36.19	34.06	2.13	31.23	34.77	26.771	0	0	
"2012-01-03	05:00:00"	6.995	194.6	8.33	11.74	5.017	199.4	11.12	9.35	34.7	33.75	0.946	36.36	37.52	26.751	0	0	
"2012-01-03	06:00:00"	5.899	194.9	5.908	8.16	4.034	198.2	8.8	5.175	32.11	31.04	1.062	44.17	45.05	26.733	0	0	
"2012-01-03	07:00:00"	7.307	203.7	6.669	10.54	5.154	205.2	8.39	6.964	31	29.92	1.08	49.44	51.36	26.717	0	0	
"2012-01-03	08:00:00"	8.65	208.6	9.47	11.74	6.592	209.2	11.23	9.95	29.31	28.57	0.736	52.99	54.55	26.708	1.409	0	
"2012-01-03	09:00:00"	7.432	227.6	11.92	11.14	6.213	232.2	14.27	9.35	30.47	30.16	0.304	53.66	53.97	26.713	87.294	0	
"2012-01-03	10:00:00"	7.582	222.2	12.17	13.52	6.679	222	13.5	12.93	34.79	35.07	-0.278	50.99	49.86	26.72	266.6	0	
"2012-01-03	11:00:00"	10.85	218.9	11.83	17.1	9.45	217.9	11.76	15.91	43.63	43.99	-0.366	38.49	36.96	26.72	429.86	0	
"2012-01-03	12:00:00"	11.64	208.2	10.03	17.1	9.8	210.4	13.13	15.31	50.56	51.77	-1.204	29.7	27.89	26.689	551.35	0	
"2012-01-03	13:00:00"	12.19	213.5	12.23	20.68	10.49	214.9	14.08	17.7	54.55	56.05	-1.498	26.87	24.68	26.64	614	0	
"2012-01-03	14:00:00"	13.67	223.2	14.33	23.66	12.07	222.1	15.12	21.28	59.38	60.69	-1.309	24.2	21.98	26.602	597.28	0	
"2012-01-03	15:00:00"	14.14	223.8	14.48	22.47	12.15	225	16.06	18.89	61.46	62.84	-1.387	22.95	20.74	26.57	538.86	0	
"2012-01-03	16:00:00"	12.62	231	13.07	21.87	11.23	232.6	15.65	18.3	63.2	64.44	-1.245	22.33	20.13	26.551	414.65	0	
"2012-01-03	17:00:00"	12.81	224.5	13.17	20.09	11.08	225.7	15.19	18.3	64.3	65.32	-1.021	22.06	20	26.541	249.78	0	
"2012-01-03	18:00:00"	11.13	213	8.79	18.3	8.81	215.6	11.33	17.1	62.96	63.4	-0.439	22.98	21.51	26.536	70.176	0	
"2012-01-03	19:00:00"	10.05	217.8	10.4	14.12	8.14	218.6	10.15	11.74	57.67	57.14	0.535	27.06	26.37	26.536	0.99328	0	
"2012-01-03	20:00:00"	9.24	219.7	11.2	14.72	7.171	219.5	11.19	12.33	53.75	52.93	0.827	30.67	30.38	26.529	0	0	
"2012-01-03	21:00:00"	8.57	227.6	12.55	12.93	6.644	229.2	13.89	9.95	50.28	49.34	0.931	34.15	34.03	26.527	0	0	
"2012-01-03	22:00:00"	8.36	232.3	16.66	11.14	6.086	235.1	19.91	9.95	47.74	46.49	1.253	36.8	37.38	26.535	0	0	
"2012-01-03	23:00:00"	9.14	223.9	18.31	13.52	7.14	227.9	21.12	11.14	45.55	44.24	1.306	40.15	41.2	26.54	0	0	
"2012-01-04	00:00:00"	5.972	223.1	39	12.33	4.679	219.3	48.91	11.74	42.23	41.35	0.882	45.18	44.8	26.533	0	0	
"2012-01-04	01:00:00"	6.597	252	26.31	9.95	4.488	245.6	27.21	6.964	41.82	39.33	2.484	47.6	50.74	26.528	0	0	
"2012-01-04	02:00:00"	6.976	281.5	15.52	10.54	3.763	277.7	25.61	6.368	40.95	38.41	2.534	51.42	54.2	26.526	0	0	
"2012-01-04	03:00:00"	11.42	333.2	25.65	17.1	7.317	331.3	26.09	14.72	41.41	39.15	2.267	52.65	56.17	26.532	0	0	
"2012-01-04	04:00:00"	13.57	4.766	11.62	21.28	10.24	1.071	13.81	18.3	45.06	44.04	1.016	47.57	48.69	26.54	0	0	
"2012-01-04	05:00:00"	18.95	18.63	8.3	27.24	15.06	17.51	13.94	22.47	45.81	45.08	0.731	45.74	45.96	26.549	0	0	
"2012-01-04	06:00:00"	15.6	24.49	13.28	26.65	12.29	23.52	17.03	21.87	45.95	45.17	0.773	42.3	42.18	26.568	0	0	
"2012-01-04	07:00:00"	10.51	2.333	13.72	15.91	7.244	358.5	15.55	12.93	42.16	40.76	1.409	47.08	48.41	26.618	0	0	
"2012-01-04	08:00:00"	13.6	16.85	6.793	21.28	10.42	16.6	11.83	20.68	42.4	41.01	1.393	46.53	48.45	26.654	1.0599	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-04	09:00:00"	16.13	11.26	7.902	23.66	12.56	8.26	13.23	19.49	43.5	42.84	0.664	44.51	44.88	26.695	78.543	0
"2012-01-04	10:00:00"	20.8	18.43	6.982	31.42	16.73	17.97	11.95	26.05	47.01	47.07	-0.057	39.78	39	26.741	270.12	0
"2012-01-04	11:00:00"	22.1	28.7	8.04	33.8	18.17	29.65	10.94	29.63	49.73	50.2	-0.464	35.13	33.64	26.776	287.29	0
"2012-01-04	12:00:00"	19.63	36.26	9.02	28.43	16.25	36.35	10.68	26.05	51.73	52.47	-0.744	31.72	30.12	26.778	404.59	0
"2012-01-04	13:00:00"	18.99	36.75	9.45	26.65	15.74	36.7	11.01	23.66	54.05	54.93	-0.885	28.81	26.95	26.756	410.03	0
"2012-01-04	14:00:00"	15.57	46.39	11.09	23.66	13.17	46.33	12.29	23.07	57.84	58.26	-0.421	25.27	23.6	26.733	599.72	0
"2012-01-04	15:00:00"	13.79	54.59	14.15	21.28	11.57	54.46	15.05	18.3	63.14	60.5	2.638	21.11	20.89	26.723	530.34	0
"2012-01-04	16:00:00"	13.32	45.62	12.16	21.87	11.28	45.34	13.12	18.89	63.5	60.83	2.673	19.85	19.69	26.725	409.13	0
"2012-01-04	17:00:00"	10.89	37.12	11.3	17.7	9.34	38	12.79	14.72	62.97	60.06	2.917	20.67	20.7	26.73	247.55	0
"2012-01-04	18:00:00"	7.391	32.21	6.349	12.93	6.494	30.92	9.56	11.74	61.29	56.93	4.352	22.22	23.62	26.733	70.315	0
"2012-01-04	19:00:00"	5.782	24.09	4.649	7.561	3.992	4.523	10.16	5.175	55.12	50.42	4.698	25.92	27.48	26.732	0.68381	0
"2012-01-04	20:00:00"	5.182	19.69	5.31	6.368	4.732	356.6	5.672	5.771	51.74	44.38	7.363	28.81	33.71	26.734	0	0
"2012-01-04	21:00:00"	5.747	7.206	2.245	8.16	4.815	357.7	6.434	5.175	51.19	41.42	9.77	29.66	38.6	26.738	0	0
"2012-01-04	22:00:00"	5.223	350.2	26	8.75	4.201	335.2	25.43	6.368	49.76	39.82	9.94	30.3	42.51	26.741	0	0
"2012-01-04	23:00:00"	8.88	320.9	7.089	11.14	4.693	323.4	7.208	6.368	45.86	37.41	8.46	35.49	47.3	26.738	0	0
"2012-01-05	00:00:00"	8.39	320.8	4.458	9.95	4.232	331.7	9.06	5.771	47.07	36.46	10.61	33.31	49.71	26.723	0	0
"2012-01-05	01:00:00"	7.651	324	6.21	9.35	4.739	344.6	15.33	5.771	47.73	36.15	11.58	32.96	49.49	26.716	0	0
"2012-01-05	02:00:00"	8.35	323.6	2.752	9.95	4.537	332.4	7.086	6.368	38.69	33.01	5.677	49.26	58.75	26.704	0	0
"2012-01-05	03:00:00"	6.882	312.8	4.58	8.75	3.232	327.5	8.86	5.771	41.74	34.45	7.298	40.79	54.5	26.696	0	0
"2012-01-05	04:00:00"	5.075	294	11.13	6.964	3.036	310.9	12.66	5.175	42.38	35.29	7.098	39.41	52.77	26.684	0	0
"2012-01-05	05:00:00"	3.954	280.4	15.62	6.964	3.344	320.1	12.07	5.175	43.2	35.5	7.701	38.73	50.22	26.669	0	0
"2012-01-05	06:00:00"	5.019	294.7	7.972	7.561	3.494	319.2	9.36	5.175	40.15	34.17	5.981	43.13	51.98	26.666	0	0
"2012-01-05	07:00:00"	5.534	287.6	14.8	7.561	3.415	316.8	8.45	4.578	38.94	31.28	7.66	45.36	57.75	26.664	0	0
"2012-01-05	08:00:00"	4.685	277.8	7.181	5.771	3.25	311.4	4.372	4.578	39.56	32.6	6.956	43.3	57.36	26.663	1.3996	0
"2012-01-05	09:00:00"	4.355	248.8	18.89	5.771	1.635	278.9	24.87	3.982	41.5	35.31	6.192	41.11	54.82	26.672	88.421	0
"2012-01-05	10:00:00"	5.569	234.3	17.04	11.74	4.247	240.6	19.47	11.14	44.01	43.26	0.751	41.17	45.25	26.68	268.39	0
"2012-01-05	11:00:00"	10.32	209.8	8.64	15.31	8.51	211.8	11.65	13.52	48.68	49.38	-0.701	36.76	35.75	26.685	432.63	0
"2012-01-05	12:00:00"	12.23	216.9	12.67	19.49	10.34	218.6	14.89	18.3	54.4	55.54	-1.139	29.64	27.75	26.666	554.87	0
"2012-01-05	13:00:00"	13.31	214.3	14.38	20.09	11.49	216	16.19	18.3	58.08	59.57	-1.492	24.87	22.81	26.63	618.47	0
"2012-01-05	14:00:00"	12.24	219.6	15.54	19.49	10.7	221.5	17.56	17.7	60.97	61.23	-0.257	22.42	20.74	26.588	607.91	0
"2012-01-05	15:00:00"	13.57	213.6	13.49	21.28	11.46	214.2	14.76	18.3	66.49	61.16	5.33	17.57	19.03	26.551	546.73	0
"2012-01-05	16:00:00"	12.23	208.1	11.91	18.3	10.36	209.7	13.93	17.7	67.79	61.99	5.791	14.91	16.4	26.524	426.39	0
"2012-01-05	17:00:00"	12.24	203.8	10.09	18.3	10.33	205.5	12.5	17.7	67.65	61.75	5.905	14.68	16.38	26.505	261.4	0
"2012-01-05	18:00:00"	9.68	190.9	9.54	14.72	8.35	191.9	11.25	14.12	66.33	58.62	7.702	16.71	20.29	26.486	78.007	0
"2012-01-05	19:00:00"	9.96	180.4	7.881	14.72	7.907	179.4	9.43	12.33	57.83	53.61	4.218	21.79	24.66	26.471	0.79498	0
"2012-01-05	20:00:00"	11.53	180.4	8.31	18.3	9.25	179.2	9.59	14.72	51.62	50.67	0.946	26.06	26.3	26.461	0	0
"2012-01-05	21:00:00"	10.32	189.2	8.45	17.1	7.788	196.1	11	13.52	47.55	46.75	0.803	29.41	29.65	26.451	0	0
"2012-01-05	22:00:00"	7.997	206.4	8.47	11.14	5.636	209.6	10.67	8.75	43.84	42.46	1.387	33.92	34.77	26.442	0	0
"2012-01-05	23:00:00"	9.13	199.9	12.63	14.72	6.743	202.5	15.19	12.93	43.23	41.96	1.279	34.77	35.67	26.434	0	0
"2012-01-06	00:00:00"	7.25	195.5	8.11	11.14	5.116	197.1	11.2	8.16	40.78	39.68	1.1	38.92	39.72	26.414	0	0
"2012-01-06	01:00:00"	8.5	233.3	24.02	14.12	6.42	240.5	26.78	11.74	40.63	39.41	1.223	38.2	39.18	26.39	0	0
"2012-01-06	02:00:00"	5.923	258.3	9.18	9.95	4.068	272.2	12.57	8.16	38.01	36.29	1.717	42.19	43.17	26.367	0	0
"2012-01-06	03:00:00"	5.757	245.5	13.89	8.75	3.932	252	16.28	6.368	38.98	36.22	2.755	40.74	44.93	26.355	0	0
"2012-01-06	04:00:00"	4.625	236.5	8.71	6.368	3.046	242.9	12.75	4.578	39.13	36.73	2.399	39.8	42.98	26.342	0	0
"2012-01-06	05:00:00"	5.15	234.6	15.21	7.561	3.304	236.4	22.71	5.175	38.36	35.79	2.576	40.96	44.49	26.332	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-06	06:00:00"	6.1	209.8	4.934	7.561	3.935	205.6	7.846	5.175	37.72	35.23	2.489	41.58	45.43	26.318	0	0
"2012-01-06	07:00:00"	6.494	219.9	11.14	9.95	4.833	214	11.33	7.561	34.27	32.93	1.344	46.95	49.13	26.309	0	0
"2012-01-06	08:00:00"	7.174	228.3	12.32	10.54	5.69	229	15.27	8.75	32.37	31.47	0.904	52.39	53.22	26.3	1.351	0
"2012-01-06	09:00:00"	7.758	231.7	12.09	11.74	6.547	231.5	15.13	9.95	33.45	33.08	0.374	51.98	52.15	26.305	89.058	0
"2012-01-06	10:00:00"	5.769	221.7	20.11	8.16	5.054	221.5	23.18	8.75	38.77	38.86	-0.098	49.38	48.83	26.326	266.98	0
"2012-01-06	11:00:00"	7.363	223.3	12.21	11.14	6.56	222	13.92	9.95	48.24	48.87	-0.624	37.65	36.13	26.347	430.05	0
"2012-01-06	12:00:00"	12.65	261.6	17.77	19.49	10.12	264.5	19.85	15.91	56.92	57.91	-0.993	25.63	24.09	26.342	550.51	0
"2012-01-06	13:00:00"	15.91	272.1	10.13	24.26	12.21	275.2	11.9	21.28	63.04	64.09	-1.049	18.82	17.36	26.309	615.87	0
"2012-01-06	14:00:00"	16.44	278.5	9.77	24.26	11.97	281.6	12.23	20.68	67.89	66.47	1.42	15.41	14.72	26.277	607.41	0
"2012-01-06	15:00:00"	15.66	292.6	13.56	23.07	10.23	295.6	15.77	19.49	70.79	68.76	2.03	13.54	12.68	26.26	546.67	0
"2012-01-06	16:00:00"	17.57	299.8	9.94	27.24	10.43	302.9	11.87	21.28	72.12	69.63	2.491	12.23	11.35	26.261	423.68	0
"2012-01-06	17:00:00"	16.04	315.4	9.46	24.86	11.11	318.4	11.12	21.28	71.11	68.18	2.926	14.52	13.88	26.278	259.05	0
"2012-01-06	18:00:00"	11.12	335.1	13.19	19.49	8.04	336.2	12.98	16.51	70.96	64.52	6.438	16.69	18.13	26.299	77.417	0
"2012-01-06	19:00:00"	10.8	350.5	18.17	17.1	6.247	347.6	12.92	10.54	60.53	56.25	4.279	22.11	23.75	26.325	0.83982	0
"2012-01-06	20:00:00"	10.19	7.843	2.705	11.74	5.905	5.302	6.144	8.16	53.46	49.63	3.826	29.02	30.73	26.345	0	0
"2012-01-06	21:00:00"	12.79	11.57	6.998	18.89	8.86	10.61	11.02	14.72	51.22	47.59	3.631	32.51	35.64	26.367	0	0
"2012-01-06	22:00:00"	13.49	20.09	5.121	17.1	10.24	19.57	9.19	14.12	49.17	47.92	1.243	36.37	36.34	26.392	0	0
"2012-01-06	23:00:00"	14.4	31.29	8.29	20.09	11.47	32.11	9.86	17.1	46.63	45.87	0.759	42.1	41.47	26.422	0	0
"2012-01-07	00:00:00"	16.71	27.45	5.813	23.66	13.56	28.55	8.84	19.49	44.12	43.64	0.474	49.41	48.19	26.441	0	0
"2012-01-07	01:00:00"	15.14	23.87	5.405	21.28	12.26	25.11	9.07	19.49	41.3	40.91	0.395	55.48	54.04	26.446	0	0
"2012-01-07	02:00:00"	13.14	22.33	4.778	17.1	10.46	23.43	8.95	14.72	38.65	38.21	0.445	60.38	59.14	26.451	0	0
"2012-01-07	03:00:00"	12.12	18.78	5.179	15.31	9.26	18.43	9.82	12.33	36.19	35.72	0.464	64.48	63.27	26.454	0	0
"2012-01-07	04:00:00"	13.68	16.49	5.53	18.3	10.46	15.33	11.07	17.1	34.98	34.48	0.497	66.53	66.05	26.456	0	0
"2012-01-07	05:00:00"	11.88	7.714	17.28	17.7	9.11	5.285	20.13	14.12	34.09	33.65	0.44	66.57	66	26.466	0	0
"2012-01-07	06:00:00"	9.65	353.1	12.59	13.52	6.977	349.7	11.77	11.14	32.12	31.36	0.761	66.76	67.38	26.478	0	0
"2012-01-07	07:00:00"	7.739	326.3	12.47	11.74	4.497	326.3	14.64	9.35	30.21	29.2	1.009	68.08	68.58	26.486	0	0
"2012-01-07	08:00:00"	8	342.1	9.01	11.74	5.229	341.3	8.81	9.35	28.13	26.71	1.421	71.01	72.49	26.486	1.5286	0
"2012-01-07	09:00:00"	10.19	359.7	12.74	14.12	7.759	356.5	12.82	12.33	30.4	29.73	0.672	72.2	74.35	26.498	84.404	0
"2012-01-07	10:00:00"	10.59	21.07	11.44	14.72	8.91	20.13	15.11	13.52	36.72	37.04	-0.321	56.31	56.78	26.517	259.75	0
"2012-01-07	11:00:00"	7.325	57.47	17.96	11.74	6.433	56.9	19.09	11.14	42.19	43.05	-0.856	41.67	40.03	26.534	423.28	0
"2012-01-07	12:00:00"	3.672	105.4	41.08	8.16	3.472	105.2	44.53	7.561	47.57	48.95	-1.372	34.02	31.64	26.518	528.2	0
"2012-01-07	13:00:00"	3.875	219.6	42.5	9.35	3.548	221.8	49.55	8.75	52.27	54.59	-2.313	29.07	25.97	26.486	566.24	0
"2012-01-07	14:00:00"	5.376	201.2	36.51	10.54	4.804	201	41.59	10.54	52.38	54.96	-2.579	29.21	25.68	26.447	516.98	0
"2012-01-07	15:00:00"	6.335	187.7	24.47	11.14	5.629	188.2	28.5	11.14	54.03	56.27	-2.24	28.65	25.5	26.408	494.64	0
"2012-01-07	16:00:00"	8.34	178.8	12.64	13.52	7.328	178.2	15.95	12.33	54.03	55.97	-1.94	29.35	26.61	26.391	373.37	0
"2012-01-07	17:00:00"	9.5	180	9.39	13.52	8.17	179.8	12.18	12.33	53.32	54.8	-1.483	30.88	28.53	26.381	175.72	0
"2012-01-07	18:00:00"	8.61	178.5	8.65	13.52	7.137	176.7	11.38	12.33	51.28	51.7	-0.425	33.61	32.22	26.372	43.927	0
"2012-01-07	19:00:00"	7.603	177.2	7.296	11.14	6.064	175.7	9.05	9.35	48.45	48.15	0.305	37.1	36.57	26.364	0.54784	0
"2012-01-07	20:00:00"	9.54	180.4	7.175	13.52	7.577	179.5	8.81	10.54	47.57	47.01	0.556	38.8	38.59	26.356	0	0
"2012-01-07	21:00:00"	9.62	187.2	7.696	14.72	7.802	189.3	9.38	11.74	45.54	45.31	0.223	43.05	42.31	26.351	0	0
"2012-01-07	22:00:00"	7.522	190	11.64	12.93	6	191	15.13	12.33	43.65	43.5	0.148	47.23	46.2	26.349	0	0
"2012-01-07	23:00:00"	5.285	189.5	10.86	8.75	3.67	189.1	18.12	6.964	42.88	42.05	0.837	49.46	49.28	26.354	0	0
"2012-01-08	00:00:00"	7.828	181.1	7.632	11.14	5.908	180.8	9.22	9.35	42.5	41.47	1.027	49.38	50.21	26.358	0	0
"2012-01-08	01:00:00"	7.395	106	33.59	9.95	4.599	92	35.49	6.368	40.24	38.66	1.578	51.03	51.3	26.36	0	0
"2012-01-08	02:00:00"	9	68.53	9.09	11.14	5.683	61.06	7.259	8.16	38.55	34.75	3.801	54.79	60.06	26.348	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-08	03:00:00"	8.95	67.29	6.151	10.54	5.731	60.49	8.26	6.964	36.05	34.11	1.936	58.65	61.87	26.34	0
"2012-01-08	04:00:00"	9.21	74.6	7.646	11.14	5.578	64.01	7.88	6.964	35.65	33.32	2.331	59.7	62.42	26.333	0
"2012-01-08	05:00:00"	9.09	71.49	4.146	10.54	5.563	64.22	6.665	7.561	34.76	32.52	2.246	60.54	64.38	26.334	0
"2012-01-08	06:00:00"	9.33	73.06	4.016	11.14	5.69	65.74	6.935	8.16	34.27	31.94	2.327	61.47	65.19	26.336	0
"2012-01-08	07:00:00"	9.16	64.06	6.148	12.33	6.032	58.61	7.983	8.16	33.84	32.14	1.7	62.22	65.36	26.339	0
"2012-01-08	08:00:00"	8.19	48.79	12.58	11.14	5.827	39.74	15.54	9.35	32.82	31.25	1.569	63.91	64.69	26.342	0.67641
"2012-01-08	09:00:00"	9.26	34.96	6.995	12.93	7.233	30.3	8.8	11.14	31.73	30.53	1.199	66.94	68.54	26.359	33.49
"2012-01-08	10:00:00"	13.02	33.38	9.88	18.3	10.97	33.31	11.92	17.7	33.36	33.37	-0.005	67.3	67.01	26.397	131.31
"2012-01-08	11:00:00"	14.16	55.85	10.8	20.09	11.94	55.6	11.48	18.3	38.21	38.69	-0.48	61.12	59.8	26.423	335.58
"2012-01-08	12:00:00"	14.88	64.16	9.94	20.09	12.49	63.48	11.4	18.3	42.82	44.09	-1.272	53.14	49.8	26.433	536.75
"2012-01-08	13:00:00"	13.14	72.22	13.53	19.49	11.13	72.06	14.69	17.1	46.33	47.67	-1.344	47.16	43.53	26.414	597.97
"2012-01-08	14:00:00"	11.54	74.22	13.77	16.51	9.78	73.87	15.08	15.31	49.79	51.17	-1.375	41.79	38.52	26.395	596.66
"2012-01-08	15:00:00"	12.59	65.73	12.9	19.49	10.65	64.93	14.11	16.51	52.37	53.83	-1.457	39.16	36.1	26.378	522.66
"2012-01-08	16:00:00"	15.88	72.8	9.97	21.87	13.07	72.31	11.44	18.89	52.68	53.92	-1.235	39.35	36.3	26.37	411.65
"2012-01-08	17:00:00"	15.35	70.57	10.71	21.28	12.47	69.81	12.1	18.89	51.07	52.28	-1.218	42.92	39.17	26.385	223.44
"2012-01-08	18:00:00"	15.89	64.78	7.612	23.07	12.8	64.04	9.38	18.89	49.32	49.87	-0.551	49.72	46.75	26.403	82.235
"2012-01-08	19:00:00"	15.75	70.46	7.893	24.26	12.61	70.05	9.27	21.28	47.28	47.32	-0.037	55.15	53.2	26.425	0.37497
"2012-01-08	20:00:00"	18.23	70.6	7.196	29.63	14.57	70.36	8.61	24.26	45.23	45.12	0.109	61.02	59.58	26.433	0
"2012-01-08	21:00:00"	21.21	62.23	7.82	31.42	17.19	61.57	9.34	26.65	44.46	44.57	-0.108	66.79	64.98	26.458	0
"2012-01-08	22:00:00"	18.14	50.25	9.21	27.84	14.92	50.06	10.19	23.66	44	44.07	-0.069	64.6	62.94	26.484	0
"2012-01-08	23:00:00"	18.64	39.44	8.27	26.65	15.32	40.06	9.43	23.66	43.54	43.59	-0.048	59.98	58.38	26.505	0
"2012-01-09	00:00:00"	19.21	46.26	8.52	29.03	15.82	46.05	9.55	24.26	43.05	43.13	-0.076	58.53	56.82	26.516	0
"2012-01-09	01:00:00"	19.77	39.8	8.67	30.82	16.32	40.29	10	26.05	41.86	41.99	-0.135	55.65	53.8	26.516	0
"2012-01-09	02:00:00"	19.15	35.21	7.838	27.84	15.79	35.35	9.59	24.86	38.66	38.79	-0.127	57.33	56.39	26.528	0
"2012-01-09	03:00:00"	14.07	29.39	7.064	26.05	11.65	29.97	9.48	21.87	33.83	33.77	0.06	74.6	75.7	26.528	0.0306
"2012-01-09	04:00:00"	14.11	29	9.19	19.49	11.89	29.61	11.59	17.7	32.84	32.88	-0.034	80.6	81.2	26.518	0.34536
"2012-01-09	05:00:00"	12.56	26.07	6.989	20.09	10.35	26.04	9.4	17.1	32.16	32.32	-0.168	82.3	82.6	26.523	0.06831
"2012-01-09	06:00:00"	12.45	20.32	7.336	17.1	10.1	20.16	10.2	14.72	31.58	31.84	-0.257	83.2	83	26.528	0
"2012-01-09	07:00:00"	13.22	9.74	7.099	18.3	10.57	8.84	12.36	15.31	30.53	30.78	-0.243	83.2	82.9	26.535	0
"2012-01-09	08:00:00"	14.69	9.1	9.35	21.87	11.75	7.983	11.59	18.89	30.23	30.38	-0.151	82.5	82.7	26.544	0.25186
"2012-01-09	09:00:00"	10.6	11.8	10.31	17.1	8.53	11.17	12.42	14.72	30.42	30.52	-0.096	80.4	81.9	26.576	6.236
"2012-01-09	10:00:00"	12.96	3.667	13.58	20.09	10.25	2.557	12.92	17.1	29.94	30.13	-0.195	80.5	81.6	26.589	27.199
"2012-01-09	11:00:00"	12.57	8.58	11.89	21.87	9.78	7.893	14.1	17.7	29.63	29.85	-0.213	82.4	82.8	26.617	30.752
"2012-01-09	12:00:00"	12.92	1.684	14.63	18.3	10.23	1.534	15.12	16.51	30.06	30.27	-0.213	83.4	83.4	26.635	72.389
"2012-01-09	13:00:00"	15.15	349.3	8.57	20.09	12.35	349.7	11.88	17.7	29.85	30.23	-0.377	84.1	83.7	26.603	119.33
"2012-01-09	14:00:00"	15.66	351.1	10.35	20.68	12.36	350.6	13.24	17.7	30.06	30.54	-0.475	84.6	83.5	26.572	159.87
"2012-01-09	15:00:00"	12.62	358.4	11.8	15.91	10.19	358	14.13	13.52	30.55	30.87	-0.314	85	83.7	26.554	114.71
"2012-01-09	16:00:00"	12.79	343.7	7.469	17.1	10.32	343.9	8.23	14.12	30.6	31.1	-0.497	85.1	83.6	26.547	142.92
"2012-01-09	17:00:00"	13.69	337.5	5.64	17.7	10.91	338.6	6.677	15.31	30.75	31.29	-0.547	85.4	83.4	26.548	138.83
"2012-01-09	18:00:00"	11.3	337.1	6.049	16.51	8.87	338.4	6.532	15.31	30.85	31.14	-0.288	85.5	82.9	26.548	56.275
"2012-01-09	19:00:00"	8.82	342.1	8.19	12.33	6.986	342.3	8.06	9.95	31.05	31.18	-0.128	85.6	83.5	26.543	0.86916
"2012-01-09	20:00:00"	6.837	313.5	13.33	9.35	4.636	315.6	13.12	8.16	31.76	31.87	-0.115	85.8	84.1	26.536	0
"2012-01-09	21:00:00"	5.642	295.3	10.96	8.75	3.256	299.5	12.28	5.771	31.73	31.83	-0.1	85.9	84.1	26.525	0
"2012-01-09	22:00:00"	4.965	285	7.142	6.964	2.717	288.9	8.37	5.175	31.56	31.43	0.129	85.9	84	26.521	0
"2012-01-09	23:00:00"	7.562	273	9.36	9.95	5.628	274.9	10.56	8.16	30.57	30.16	0.415	85.5	83.5	26.517	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-10	00:00:00"	5.396	235.7	11.67	8.75	4.582	233.6	15.03	7.561	28.87	28.87	-0.002	85.3	83.6	26.519	0
"2012-01-10	01:00:00"	5.822	218.2	12.39	9.35	4.812	219	13.35	8.16	26.85	26.86	-0.016	84.9	83.6	26.506	0
"2012-01-10	02:00:00"	6.058	220	11.87	10.54	5.265	219.1	11.74	9.35	25.8	25.96	-0.167	85	83.9	26.499	0
"2012-01-10	03:00:00"	5.338	230.7	9.89	7.561	4.695	232.6	12.6	6.964	24.89	25	-0.111	84.8	83.7	26.484	0
"2012-01-10	04:00:00"	4.459	254.5	11.43	6.368	3.607	252.8	12.37	5.175	24.05	23.77	0.279	84.5	82.6	26.466	0
"2012-01-10	05:00:00"	7.6	301.3	12.73	12.33	3.669	300.2	20.06	8.16	24.24	23.12	1.115	84.6	82.5	26.449	0
"2012-01-10	06:00:00"	10.52	306.9	5.481	13.52	4.929	309.5	7.217	8.16	25.5	24.71	0.794	84.7	83.1	26.44	0
"2012-01-10	07:00:00"	10.22	311.1	6.204	14.12	5.691	314.5	8.11	9.95	25.51	24.68	0.831	84.5	82.8	26.446	0
"2012-01-10	08:00:00"	10.84	308.8	5.348	14.12	5.647	312.6	7.37	9.95	24.29	23.56	0.732	84	81.9	26.447	1.3244
"2012-01-10	09:00:00"	10.79	307.5	5.36	14.12	5.303	310.7	7.492	9.95	24	23.5	0.502	83.6	81.3	26.448	84.316
"2012-01-10	10:00:00"	11.69	308.2	5.304	14.72	6.527	312	7.131	9.95	27.27	26.11	1.154	83.5	77.82	26.456	278.89
"2012-01-10	11:00:00"	11.94	309	5.066	15.31	7.609	312.6	6.674	11.74	29.36	29.87	-0.504	80.7	75.57	26.465	440.63
"2012-01-10	12:00:00"	11.16	301.2	6.309	15.31	6.555	303.6	7.475	10.54	32.68	33.79	-1.107	78.79	77.77	26.452	565.92
"2012-01-10	13:00:00"	9.81	295.7	6.474	14.72	5.728	298.2	7.676	9.95	38.1	38.65	-0.551	80.5	76.15	26.425	634.32
"2012-01-10	14:00:00"	7.325	281.6	11.66	10.54	5.025	283.4	13.71	8.16	44.2	40.14	4.062	70.92	67.32	26.398	634.44
"2012-01-10	15:00:00"	8.43	267.2	9.06	11.74	6.676	270.1	9.52	10.54	47.65	43.15	4.5	57.09	60.65	26.377	551.87
"2012-01-10	16:00:00"	6.297	256.4	8.26	9.95	4.798	258.3	8.54	8.16	47.97	47.79	0.181	54.74	53.63	26.361	437.07
"2012-01-10	17:00:00"	5.145	239.7	8.89	7.561	3.719	238.5	13.94	5.175	51.82	46.99	4.832	49.45	58.4	26.36	270.02
"2012-01-10	18:00:00"	4.829	226.2	9.75	7.561	3.734	212.5	11.89	6.368	47.51	48.67	-1.159	55.16	52.75	26.354	86.023
"2012-01-10	19:00:00"	5.626	225.1	10.29	7.561	3.973	223.6	12.2	5.771	44.52	43.74	0.779	61.93	60.78	26.337	1.2333
"2012-01-10	20:00:00"	6.923	234.9	10.4	9.35	4.91	237.6	14.06	8.16	42.92	41.2	1.725	66.91	68.14	26.328	0
"2012-01-10	21:00:00"	7.075	236.7	10.96	9.95	5.077	238.7	14.8	8.75	41.66	39.95	1.709	65.93	68.56	26.318	0
"2012-01-10	22:00:00"	7.485	255.9	7.665	11.14	5.268	257.8	8.66	8.16	41.16	39.17	1.995	64.8	67.37	26.313	0
"2012-01-10	23:00:00"	8.82	279.2	11.35	11.74	4.799	284.7	12.7	9.35	41.08	38.37	2.713	63.13	64.99	26.305	0
"2012-01-11	00:00:00"	8.73	303.7	5.787	11.14	3.462	303.6	11.35	6.964	37.78	34.79	2.997	66.89	69.11	26.289	0
"2012-01-11	01:00:00"	12.86	306	3.605	15.31	7.232	314.7	6.084	10.54	37.7	35	2.702	68.47	72.02	26.273	0
"2012-01-11	02:00:00"	13.39	301.1	5.544	16.51	6.503	307.9	7.749	10.54	38.8	35.98	2.822	62.91	67.87	26.254	0
"2012-01-11	03:00:00"	9.83	291.4	10.76	17.1	5.225	290.1	17.25	12.33	36.34	34.77	1.573	66.22	67.33	26.239	0
"2012-01-11	04:00:00"	10.94	294.9	5.536	13.52	5.085	299.2	7.905	7.561	35.75	33.58	2.169	67.34	69.91	26.229	0
"2012-01-11	05:00:00"	7.834	265.8	13.59	12.93	5.23	265.8	17.56	9.35	36.75	34.57	2.18	64.15	67.16	26.22	0
"2012-01-11	06:00:00"	9.01	270.3	8.6	13.52	6.185	270.9	11.46	11.14	36.85	34.43	2.417	64.73	67.78	26.21	0
"2012-01-11	07:00:00"	12.28	262.5	8.91	18.89	9.62	263.5	10.13	15.91	39.56	37.65	1.916	60.2	63.21	26.205	0
"2012-01-11	08:00:00"	14.65	266.8	8.18	21.28	11.59	269.9	8.74	17.1	41.62	40.59	1.031	56.3	57.54	26.204	1.7164
"2012-01-11	09:00:00"	14.39	276.2	8.78	23.07	10.32	281	11.29	20.09	44.08	42.67	1.406	51.06	53.01	26.209	87.677
"2012-01-11	10:00:00"	16.34	275.3	7.527	26.65	12.22	279.5	9.44	25.45	48.11	46.51	1.602	44.5	46.62	26.225	303.4
"2012-01-11	11:00:00"	15.41	277.1	6.69	26.05	11.2	281.4	8.72	22.47	50.65	47.67	2.979	42.37	45.84	26.251	360.05
"2012-01-11	12:00:00"	14.68	275.7	12.41	22.47	10.93	279.7	14.43	18.3	53.38	47.86	5.524	41.21	48.15	26.241	573.54
"2012-01-11	13:00:00"	7.152	303.5	22.35	12.93	4.473	305.4	24.73	7.561	57.27	47.93	9.34	40.61	53.16	26.23	531.3
"2012-01-11	14:00:00"	12.94	317.4	9.84	21.87	8.63	320.2	11	16.51	59.61	52.17	7.433	35.77	44.57	26.22	624.84
"2012-01-11	15:00:00"	14.06	337.6	8.25	20.68	10.55	337.3	9.53	17.7	59.53	52.96	6.572	34.41	41.41	26.22	356.77
"2012-01-11	16:00:00"	19.91	13.82	8.42	28.43	16.11	11.72	13.69	25.45	53.93	50.48	3.449	40.21	46.34	26.237	335.26
"2012-01-11	17:00:00"	19.8	22.38	6.462	27.84	16.27	22.75	10.34	23.66	50.42	48.29	2.136	47.73	52.26	26.26	198.38
"2012-01-11	18:00:00"	18.12	28.36	6.546	26.05	15.01	28.99	8.83	22.47	47.69	45.47	2.221	52.83	56.77	26.291	49.016
"2012-01-11	19:00:00"	16.48	32.62	7.062	24.86	13.37	33.17	9.34	22.47	44.39	42.11	2.279	58.52	62.35	26.328	0.75346
"2012-01-11	20:00:00"	18.53	34.36	6.886	30.22	15.23	35.21	8.75	26.05	40.76	38.69	2.065	60.45	64.16	26.362	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-11	21:00:00"	18.83	34.27	7.201	28.43	15.46	34.92	8.99	23.66	37.74	36.02	1.716	62.92	65.91	26.391	0	0
"2012-01-11	22:00:00"	20.79	31.18	7.327	32.61	17.21	31.7	9.46	29.03	35.14	33.9	1.247	62.99	65.58	26.429	0	0
"2012-01-11	23:00:00"	24.55	29.35	6.753	35.59	20.36	30.09	9.63	29.63	32.21	31.81	0.403	63.11	64.75	26.463	0	0
"2012-01-12	00:00:00"	19.69	31.81	7.048	33.8	16.31	32.22	9.01	29.63	30.95	30.09	0.858	64.66	66.73	26.492	0	0
"2012-01-12	01:00:00"	13.12	26.97	8.9	20.09	10.89	26.96	11.3	17.7	30.47	28.78	1.684	67.21	69.93	26.507	0	0
"2012-01-12	02:00:00"	7.149	12.9	12.86	11.74	5.73	7.818	16.15	10.54	31.58	28.05	3.537	66.15	70.11	26.555	0	0
"2012-01-12	03:00:00"	12.14	25.62	6.252	17.7	10	25.73	9.1	15.91	29.93	27.85	2.074	64.03	67.94	26.573	0	0
"2012-01-12	04:00:00"	10.34	20.91	7.535	17.1	8.47	20.97	11.35	14.72	28.74	26.4	2.346	68.72	73.18	26.579	0	0
"2012-01-12	05:00:00"	13.22	35.46	7.672	18.89	10.87	35.73	9.27	17.1	27.82	25.98	1.842	67.1	69.44	26.574	0	0
"2012-01-12	06:00:00"	8.57	29.12	9.49	12.93	6.945	26.23	13.7	11.14	26.92	24.01	2.906	65.81	71.12	26.578	0.0001	0
"2012-01-12	07:00:00"	4.805	21.08	9.73	8.16	3.19	7.207	22.82	6.368	26.25	22.47	3.777	68.73	74.49	26.596	0	0
"2012-01-12	08:00:00"	4.826	20.26	8.15	9.35	3.75	11.56	16.63	7.561	25.51	22.33	3.179	66.8	70.56	26.619	0.78325	0
"2012-01-12	09:00:00"	5.642	16.74	8.83	8.16	4.524	7.762	14.41	8.16	26.37	22.79	3.579	60.36	65.08	26.636	61.734	0
"2012-01-12	10:00:00"	3.574	45.78	39.34	8.75	3.203	51.35	43.94	8.16	30.91	25.99	4.919	44.13	45.8	26.665	277.62	0
"2012-01-12	11:00:00"	2.574	209.9	59.43	5.771	2.451	212.1	64.86	5.175	35.02	27	8.02	34.8	42.3	26.678	410.15	0
"2012-01-12	12:00:00"	2.375	176.6	57.41	5.175	2.215	181.7	62.69	4.578	36.81	28.78	8.02	32.95	40.55	26.665	577.56	0
"2012-01-12	13:00:00"	3.045	207.8	59.03	6.964	2.705	206.9	64.59	7.561	38.91	31.33	7.575	33.84	40.55	26.634	612.48	0
"2012-01-12	14:00:00"	4.202	215.2	49.2	9.95	3.734	221.2	57.73	9.35	41.49	33.3	8.18	32.73	40.93	26.599	579.59	0
"2012-01-12	15:00:00"	7.364	220.4	21.84	19.49	6.417	222.6	25.05	21.28	42.98	35.41	7.566	32.58	42.62	26.58	562.98	0
"2012-01-12	16:00:00"	7.376	222.4	22.5	12.93	6.423	224	24.81	10.54	42.66	35.92	6.74	33.73	42.26	26.562	251.15	0
"2012-01-12	17:00:00"	9.37	218.6	12.61	14.72	8.01	219.7	13.79	12.93	41.81	36.22	5.59	34.83	41.94	26.557	188.91	0
"2012-01-12	18:00:00"	6.738	225.8	13.78	12.33	5.845	226	16.05	11.14	42.46	36.3	6.164	33.93	40.64	26.547	86.671	0
"2012-01-12	19:00:00"	4.625	202.3	9.44	7.561	3.649	202.5	10.26	5.771	41.08	34.53	6.549	37.27	48.58	26.54	0.96618	0
"2012-01-12	20:00:00"	6.471	202.2	7.62	9.95	4.978	203.1	9.33	8.16	39.78	32.64	7.148	42.06	56.24	26.538	0	0
"2012-01-12	21:00:00"	8	213.2	8.99	12.33	6.367	216.2	10.87	11.74	38.52	32.35	6.167	43.86	54.72	26.534	0	0
"2012-01-12	22:00:00"	5.347	224.5	13.44	9.35	4.559	225.3	15.34	9.35	37.6	31.34	6.265	46.96	57.86	26.528	0	0
"2012-01-12	23:00:00"	5.559	232.6	11.1	8.75	4.473	235.2	14.36	6.964	38.47	30.77	7.697	48.62	61.81	26.531	0	0
"2012-01-13	00:00:00"	6.126	236.5	10.51	8.75	5.021	239.7	13.39	7.561	39.37	30.91	8.46	48.09	62.59	26.528	0	0
"2012-01-13	01:00:00"	5.581	234.7	14.43	8.75	4.56	236.4	17.87	6.964	39.19	30.74	8.45	48.04	63.42	26.522	0	0
"2012-01-13	02:00:00"	5.56	231.8	14.74	8.16	4.569	232.8	17.42	7.561	38.04	30.55	7.488	49.78	63.04	26.516	0	0
"2012-01-13	03:00:00"	6.277	263.7	20.74	8.75	4.48	269.8	23.05	7.561	38.18	30.36	7.824	49.8	63.48	26.521	0	0
"2012-01-13	04:00:00"	5.982	292.8	14.83	8.75	3.475	300.6	18.5	6.368	35.63	29.45	6.178	54.37	65.81	26.53	0	0
"2012-01-13	05:00:00"	5.388	288.7	9.61	7.561	2.644	297.1	14.73	4.578	34.56	28.88	5.68	56.55	66.57	26.524	0	0
"2012-01-13	06:00:00"	5.218	278.7	18.85	7.561	3.018	285	25.12	5.771	34.49	28.69	5.806	55.8	64.68	26.525	0	0
"2012-01-13	07:00:00"	6.887	297.4	7.576	8.75	3.219	304.6	10.71	5.771	32.41	25.4	7.014	58.78	70.76	26.528	0	0
"2012-01-13	08:00:00"	6.525	292.6	9.53	8.75	3.139	300.6	16.06	6.368	32.12	25.61	6.513	57.76	68.18	26.525	1.0512	0
"2012-01-13	09:00:00"	7.87	311	6.456	10.54	4.428	321.6	8.12	6.964	32.57	26.55	6.02	56.8	69.31	26.551	89.217	0
"2012-01-13	10:00:00"	4.858	287.3	14.78	6.964	3.712	289.1	17.98	5.771	39.92	33.66	6.26	52.42	59.44	26.585	275.09	0
"2012-01-13	11:00:00"	6.311	237.7	20.09	11.14	5.309	239.9	23.09	8.75	45.18	37.37	7.805	38.87	47.92	26.597	444.8	0
"2012-01-13	12:00:00"	7.96	242.3	16.95	12.33	6.766	246.3	19.93	11.14	47.76	40.62	7.143	33.42	41.46	26.595	570.54	0
"2012-01-13	13:00:00"	8.38	271	15.81	16.51	7.786	274.2	17.85	14.12	49.09	44.81	4.273	26.84	32.26	26.574	638.51	0
"2012-01-13	14:00:00"	10.17	285.6	14.8	17.7	7.507	288.9	16.65	14.12	50.76	47.75	3.015	25	29.14	26.549	639.63	0
"2012-01-13	15:00:00"	8.61	280.5	13.34	15.91	7.077	284.2	15.26	14.12	52.23	49.18	3.05	26.16	30.09	26.531	562.31	0
"2012-01-13	16:00:00"	8.9	274.7	13.73	14.12	7.218	277.7	15.65	12.93	54.71	51.12	3.59	23.35	26.96	26.522	450.67	0
"2012-01-13	17:00:00"	8.24	270.1	12.14	13.52	6.443	272.7	13.79	11.74	55.82	51.94	3.88	20.49	23.99	26.53	284.23	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-13	18:00:00"	6.521	255.5	10.13	11.74	5.333	261.3	10.99	9.95	57.04	50.1	6.944	20.82	26.54	26.541	96.247	0	
"2012-01-13	19:00:00"	3.866	250.6	5.428	7.561	3.91	256.3	5.847	5.771	55.32	46.09	9.23	22.85	31.22	26.55	1.5588	0	
"2012-01-13	20:00:00"	2.373	251.8	10.04	7.561	3.27	249.9	14.25	5.175	51.33	43.47	7.859	24.54	31.64	26.558	0	0	
"2012-01-13	21:00:00"	4.105	223.1	32.66	6.964	2.156	216.7	37.98	4.578	47.27	39.93	7.343	27.1	37.41	26.562	0	0	
"2012-01-13	22:00:00"	2.728	246	20.19	10.54	3.659	246.2	22.32	7.561	45.19	37.42	7.765	30.53	40.24	26.568	0	0	
"2012-01-13	23:00:00"	1.734	251.5	7.263	7.561	3.821	258.7	7.788	5.771	45.49	37.61	7.879	29.94	38.19	26.576	0	0	
"2012-01-14	00:00:00"	7.522	253.6	9.66	12.33	5.776	259.7	10.08	10.54	45.13	36.79	8.34	29.4	38.97	26.582	0	0	
"2012-01-14	01:00:00"	7.842	249	6.864	10.54	5.361	255.6	8.15	8.75	44.56	35.78	8.78	31.38	42.1	26.587	0	0	
"2012-01-14	02:00:00"	7.087	247.1	9.57	9.35	5.123	250.9	11.73	8.16	44.25	35.21	9.03	32.77	43.42	26.59	0	0	
"2012-01-14	03:00:00"	6.124	252.4	10.31	8.16	4.092	258.8	11.07	6.368	42.49	34.91	7.574	35.3	44.95	26.595	0	0	
"2012-01-14	04:00:00"	5.119	239.3	11.91	7.561	3.484	248.4	16.72	5.175	43.9	35.36	8.55	33.83	43.17	26.587	0	0	
"2012-01-14	05:00:00"	5.034	245.4	13.06	6.964	3.401	256.2	18.36	5.175	43.27	34.12	9.15	34.35	45.75	26.58	0	0	
"2012-01-14	06:00:00"	5.715	252.5	10.38	7.561	3.801	262.4	15.04	5.771	40.79	32.9	7.887	38.19	48.54	26.59	0	0	
"2012-01-14	07:00:00"	5.95	287.3	14.3	11.14	3.726	309.6	12.42	6.964	37.8	31.39	6.42	38.15	47.34	26.607	0	0	
"2012-01-14	08:00:00"	10.23	312.7	5.72	12.93	5.843	321	5.969	8.16	36.9	28.9	7.998	39.96	53.82	26.617	1.5518	0	
"2012-01-14	09:00:00"	7.514	303.3	11.02	11.14	3.787	300.9	17.43	7.561	39.06	32.6	6.464	40.57	49.56	26.63	93.012	0	
"2012-01-14	10:00:00"	9.74	303.8	11.47	14.12	5.901	307.1	13.71	9.95	46.08	41.35	4.723	30.21	34.17	26.656	281.33	0	
"2012-01-14	11:00:00"	10.47	299.6	10.32	17.1	6.475	302.7	12.55	13.52	50.9	47.52	3.377	26.56	29.12	26.672	452.41	0	
"2012-01-14	12:00:00"	10.19	284.1	10.54	14.12	7.166	286.6	12.69	11.74	57.23	54.28	2.947	18.99	21.43	26.666	581.64	0	
"2012-01-14	13:00:00"	9.84	269.5	11.58	14.12	7.797	273	12.53	12.33	61.66	58.6	3.057	11.95	14.87	26.646	651.69	0	
"2012-01-14	14:00:00"	9.5	262	17.58	15.91	7.662	265.7	19.09	12.93	64.97	60.55	4.415	11.18	13.78	26.618	652.82	0	
"2012-01-14	15:00:00"	8.83	240.9	21.05	16.51	7.54	243.5	22.6	14.12	68.33	61.7	6.625	9.46	11.62	26.594	575.21	0	
"2012-01-14	16:00:00"	9.82	214.1	17.56	18.3	8.42	215.9	18.99	15.31	68.28	61.94	6.341	11.17	13.76	26.584	461.48	0	
"2012-01-14	17:00:00"	11.29	198.9	10.22	16.51	9.65	200.1	12.86	14.72	65.98	60.32	5.665	13.69	16.94	26.588	293.62	0	
"2012-01-14	18:00:00"	8.89	186.8	9.45	14.72	7.179	186.3	11.59	12.93	64.33	56.81	7.52	14	18.99	26.589	99.777	0	
"2012-01-14	19:00:00"	7.163	173.8	7.682	11.14	5.217	176.3	9.16	8.16	59.1	50.71	8.39	17.06	24.72	26.592	1.1565	0	
"2012-01-14	20:00:00"	6.821	176.3	7.271	9.95	4.583	181.4	9.48	7.561	55.99	48.09	7.901	18.66	25.01	26.597	0	0	
"2012-01-14	21:00:00"	6.492	179.5	7.895	10.54	4.954	178.8	9.19	7.561	54.59	46.38	8.21	18.37	25.31	26.599	0	0	
"2012-01-14	22:00:00"	2.648	185.5	8.23	8.16	3.868	186.8	11.41	6.964	51.84	43.69	8.16	21.47	28.51	26.601	0	0	
"2012-01-14	23:00:00"	2.185	183.5	9.67	8.16	3.775	186.8	14.15	8.75	49.12	40.92	8.2	26.12	34.3	26.595	0	0	
"2012-01-15	00:00:00"	5.916	185.3	8.95	12.33	4.758	189.1	11.5	9.35	47.85	39.78	8.07	29.81	38.65	26.58	0	0	
"2012-01-15	01:00:00"	7.594	200.5	8.23	11.14	5.163	206.8	10.54	8.16	46.82	38.8	8.02	31.71	42.36	26.567	0	0	
"2012-01-15	02:00:00"	8.26	208.4	7.73	11.74	5.778	209.8	9.98	8.16	44.55	37.8	6.75	37.16	47.26	26.554	0	0	
"2012-01-15	03:00:00"	7.835	217.1	11.22	11.74	5.942	220	12.14	9.35	43.93	37.22	6.712	37.35	46.41	26.545	0	0	
"2012-01-15	04:00:00"	7.851	207.7	8.63	11.14	5.941	210.4	11.47	8.75	42.51	36.04	6.471	41.85	52.98	26.531	0	0	
"2012-01-15	05:00:00"	7.847	186.1	7.699	11.14	6.171	188.7	8.79	9.35	42.45	35.07	7.376	43.15	56.05	26.512	0	0	
"2012-01-15	06:00:00"	6.456	189.4	13.73	11.14	5.506	193.6	18.19	8.16	41.4	33.88	7.52	43.31	57	26.503	0	0	
"2012-01-15	07:00:00"	5.299	227.6	15.69	9.95	4.255	237.5	18.77	7.561	41.56	34.3	7.256	44.18	55.08	26.504	0	0	
"2012-01-15	08:00:00"	5.682	230.8	12.03	9.35	4.371	238.3	15.11	8.75	43.64	35.4	8.24	40.26	51.9	26.508	1.0044	0	
"2012-01-15	09:00:00"	5.88	226.1	11.55	8.75	4.652	229.2	14.32	8.16	43.73	36.13	7.6	40.25	50.86	26.522	83.54	0	
"2012-01-15	10:00:00"	7.428	207.8	10.85	10.54	6.22	211.9	13.25	9.35	46.94	39.91	7.031	39.12	49.25	26.53	263.67	0	
"2012-01-15	11:00:00"	9.02	216.4	12.89	14.12	7.808	216.5	12.84	12.33	52.47	46.75	5.716	34	39.25	26.541	428.98	0	
"2012-01-15	12:00:00"	12.39	214.8	12.91	20.09	10.42	215.9	14.55	17.1	59.65	55.25	4.396	26.07	28.82	26.528	555.64	0	
"2012-01-15	13:00:00"	13.07	226.6	14.3	20.68	11.27	227.3	16.48	18.89	64.62	60.29	4.333	21.78	23.57	26.495	584.13	0	
"2012-01-15	14:00:00"	12.65	225.9	15.56	20.68	11.17	227.8	18.06	17.7	67.77	63.14	4.629	20.23	22.08	26.462	630.55	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-15	15:00:00"	15.72	224.8	19.1	27.84	13.09	226.1	21.02	23.66	70.16	66.14	4.02	20.67	22.18	26.425	540	0	
"2012-01-15	16:00:00"	19.48	241	13.76	30.22	16.18	243.5	17.04	26.05	71.78	68.28	3.5	23.33	24.49	26.399	418.08	0	
"2012-01-15	17:00:00"	18.28	244.7	9.75	31.42	15.04	248.4	11.47	24.26	70.87	66.14	4.734	24.19	26.25	26.396	160.15	0	
"2012-01-15	18:00:00"	15.39	234.9	15.07	30.22	12.58	237.3	17.86	24.26	68.61	63.56	5.051	27.01	29.69	26.405	39.3	0	
"2012-01-15	19:00:00"	14.31	218.2	11.55	20.68	12.01	217.5	10.9	18.89	66.12	61.21	4.911	29.96	33.09	26.413	0.68508	0	
"2012-01-15	20:00:00"	13.81	216.8	10.84	22.47	11.33	217.3	11.02	18.89	65.28	60.22	5.058	31.69	35.26	26.424	0	0	
"2012-01-15	21:00:00"	11.99	227.8	14.01	17.7	9.63	230.5	15.94	15.91	63.99	58.34	5.649	34.42	38.81	26.431	0	0	
"2012-01-15	22:00:00"	8.76	239.1	16.85	17.7	6.85	242	19.51	15.31	64.49	57.03	7.457	34.72	41.03	26.43	0	0	
"2012-01-15	23:00:00"	6.436	229.2	14.96	10.54	4.929	231.4	18.01	7.561	61.94	53.19	8.75	37.45	47.63	26.432	0	0	
"2012-01-16	00:00:00"	6.424	235.1	13.97	12.33	4.844	243.3	16.77	9.35	59.77	51.52	8.25	40.7	50.89	26.431	0	0	
"2012-01-16	01:00:00"	8.34	261.7	7.967	12.93	6.34	268.4	9.18	11.14	57.66	51.82	5.842	42.89	49.62	26.424	0	0	
"2012-01-16	02:00:00"	6.974	238	33.1	12.33	5.385	242.5	43.39	11.14	55.67	48.91	6.761	46.06	54.74	26.415	0	0	
"2012-01-16	03:00:00"	5.383	195	13.22	13.52	3.822	187.5	22.58	11.14	54.62	47.28	7.338	46.13	56.81	26.401	0	0	
"2012-01-16	04:00:00"	7.758	196	12.88	11.74	6.15	198	16.76	10.54	48.9	45.6	3.302	49.88	57.3	26.392	0	0	
"2012-01-16	05:00:00"	8.25	206.3	8.01	11.14	6.285	209.3	11.11	9.35	45.01	44.51	0.501	58.11	58.84	26.382	0	0	
"2012-01-16	06:00:00"	6.228	221.8	12.61	9.95	5.072	224.3	12.98	8.16	43.01	42.8	0.208	65.43	64.73	26.376	0	0	
"2012-01-16	07:00:00"	6.556	224.2	13.3	11.74	5.223	226.6	14.35	9.95	42.47	42.14	0.322	70.99	70.14	26.372	0	0	
"2012-01-16	08:00:00"	8.12	217.9	12.46	12.93	6.384	222.3	13.43	10.54	44.69	43.86	0.824	69.43	69.83	26.374	0.46724	0	
"2012-01-16	09:00:00"	6.942	199.8	12.34	12.93	5.309	204.3	16.53	9.35	46.07	45.28	0.786	65.35	66.47	26.383	28.057	0	
"2012-01-16	10:00:00"	8.22	202.7	9.47	12.33	6.651	205	11.99	10.54	46.69	46.53	0.155	68.49	68.51	26.397	84.196	0	
"2012-01-16	11:00:00"	8.47	204.7	10.34	12.93	6.969	207	13.02	9.95	50.43	49.85	0.572	65.03	64.26	26.403	263.85	0	
"2012-01-16	12:00:00"	11.88	215.4	13.02	20.68	10.05	215.6	13.54	17.1	62	57.32	4.683	42.09	45.96	26.396	473.26	0	
"2012-01-16	13:00:00"	15.18	219.2	13.1	27.24	12.85	220.3	14.39	24.26	67.78	63.55	4.228	32.06	34.39	26.367	578.18	0	
"2012-01-16	14:00:00"	22.62	227.4	18.68	41.56	18.73	230	20.28	35.59	71.43	67.92	3.505	26.83	28.28	26.32	618.69	0	
"2012-01-16	15:00:00"	25.44	243.9	14.59	41.56	21.26	248	17.72	35.59	72.65	69.69	2.962	24.95	25.61	26.294	487.21	0	
"2012-01-16	16:00:00"	25.56	252.6	10.91	39.77	20.84	258.4	13.35	33.21	72.21	69.62	2.589	25.36	25.71	26.291	354.43	0	
"2012-01-16	17:00:00"	22.86	255	10.09	35.59	18.72	261.3	12.37	32.61	71.19	68.42	2.769	25.72	26.12	26.294	187.65	0	
"2012-01-16	18:00:00"	23.44	252.8	9.3	37.38	18.65	258.5	12.18	32.61	70.82	67.49	3.335	25.44	26.27	26.295	109.25	0	
"2012-01-16	19:00:00"	17.04	245.2	8.08	29.63	14.02	249	9.96	24.86	69.95	64.41	5.544	26.63	29.42	26.304	1.9808	0	
"2012-01-16	20:00:00"	8.63	244.9	10.83	17.1	6.549	249.2	13.5	14.72	68.12	59.99	8.13	29.9	35.36	26.325	0	0	
"2012-01-16	21:00:00"	7.88	236.2	13.34	13.52	6.205	235	17.04	11.14	66.45	58.43	8.02	31.72	37.56	26.343	0	0	
"2012-01-16	22:00:00"	3.147	278.1	50.27	10.54	3.075	318.2	90.1	6.964	60.62	54.6	6.021	35.87	41.73	26.363	0	0	
"2012-01-16	23:00:00"	7.035	274.1	12.7	17.1	4.275	287.3	31.31	11.14	57.51	54.4	3.107	37.06	40.71	26.384	0	0	
"2012-01-17	00:00:00"	9.01	276.8	5.733	13.52	5.238	284.9	9.29	9.95	55.26	52.49	2.769	40.9	44.46	26.391	0	0	
"2012-01-17	01:00:00"	9.58	284.3	10.01	15.91	5.098	296.5	14.62	11.14	52.46	48.66	3.805	45.9	51.78	26.395	0	0	
"2012-01-17	02:00:00"	9.68	281	11.84	18.89	5.416	285.3	15.84	12.93	51.03	48.34	2.692	48.43	52.87	26.404	0	0	
"2012-01-17	03:00:00"	13.95	284.2	7.281	25.45	8.11	289.9	9.21	16.51	52.48	50.97	1.507	46.64	48.46	26.419	0	0	
"2012-01-17	04:00:00"	13.6	290.9	7.664	26.65	7.259	295.8	10.27	16.51	53.04	51.36	1.685	44.1	45.86	26.429	0	0	
"2012-01-17	05:00:00"	15.57	300.4	9.06	24.86	8.44	304.4	10.71	16.51	54.1	52.74	1.355	40.65	41.65	26.437	0	0	
"2012-01-17	06:00:00"	10.62	336	23.66	16.51	7.464	337.8	22.38	12.93	48.73	47.04	1.691	49.47	51.58	26.453	0	0	
"2012-01-17	07:00:00"	14.39	0.257	12.59	21.87	10.34	357.3	12.94	17.1	45.17	43.68	1.492	53.13	55.51	26.474	0	0	
"2012-01-17	08:00:00"	14.22	16.4	14.9	23.07	10.73	16.88	19.41	18.3	45.64	44.23	1.409	49.08	51.04	26.501	1.5271	0	
"2012-01-17	09:00:00"	13.3	23.3	15.92	30.82	10.54	24.29	19.02	24.86	47	46.02	0.98	42.65	44.38	26.543	88.254	0	
"2012-01-17	10:00:00"	20.93	36.76	10.24	29.63	17.52	36.81	12.27	26.65	42.43	43.88	-1.448	47.25	45.02	26.587	265.89	0	
"2012-01-17	11:00:00"	20.14	48.28	9.1	27.84	16.92	48	9.95	23.66	38.1	40.07	-1.972	49.38	46.54	26.609	433.75	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-17	12:00:00"	14.94	59.52	15.6	24.26	12.64	59.25	16	20.68	40.34	42.55	-2.214	44.34	40.92	26.625	559.14	0	
"2012-01-17	13:00:00"	11.6	69.17	13.24	17.7	9.94	68.34	14.4	15.91	42.77	45.46	-2.695	39.99	36.41	26.616	627.74	0	
"2012-01-17	14:00:00"	11.9	66.86	14.93	19.49	10.22	66.24	16.53	16.51	45.19	47.79	-2.607	36.35	33.1	26.584	633.65	0	
"2012-01-17	15:00:00"	11.72	68.82	15.87	18.3	10.01	67.74	17.03	17.1	47.46	49.9	-2.44	33.56	30.54	26.565	543.61	0	
"2012-01-17	16:00:00"	11.11	79.92	13.22	15.31	9.35	78.4	15.14	14.12	48.44	50.92	-2.472	32.02	29.02	26.56	450.53	0	
"2012-01-17	17:00:00"	11	88.6	14.96	15.31	9.2	87.4	17.26	12.93	49.25	51.06	-1.807	31.12	28.66	26.563	286.7	0	
"2012-01-17	18:00:00"	11.84	100.8	9.66	16.51	9.48	100.2	12.13	15.31	48.18	48.95	-0.767	32.08	30.5	26.567	101.21	0	
"2012-01-17	19:00:00"	8.16	96.1	6.35	12.93	5.197	89.1	11.95	9.95	43.31	42.98	0.327	38.07	38.27	26.577	2.2813	0	
"2012-01-17	20:00:00"	7.916	77.31	7.073	9.95	4.651	65.9	9.77	6.964	38.9	38.94	-0.041	44.31	45	26.592	0	0	
"2012-01-17	21:00:00"	9.19	95.8	10.8	12.33	5.903	91.6	14.27	8.75	36.54	36.35	0.192	50.59	50.83	26.604	0	0	
"2012-01-17	22:00:00"	9.15	107.5	7.396	13.52	6.67	106	9.58	10.54	35.17	34.76	0.407	54.76	55.17	26.608	0	0	
"2012-01-17	23:00:00"	8.35	104	7.789	11.14	5.801	99.5	11.65	8.75	33.22	32.94	0.274	58.35	58.64	26.611	0	0	
"2012-01-18	00:00:00"	7.896	76.96	16.99	10.54	5.445	67.78	17.1	8.16	31.39	31.65	-0.258	61.27	60.76	26.611	0	0	
"2012-01-18	01:00:00"	6.97	88.8	13.35	9.95	4.349	80.5	18.79	6.368	29.87	29.95	-0.086	62.87	62.81	26.616	0	0	
"2012-01-18	02:00:00"	6.331	102.4	17.66	9.35	4.111	93	30.02	6.368	28.85	28.78	0.072	63.98	64.42	26.601	0	0	
"2012-01-18	03:00:00"	6.772	88.7	12.42	11.14	4.438	75.48	19.4	8.75	27.13	27.47	-0.347	66.32	65.6	26.59	0	0	
"2012-01-18	04:00:00"	8.44	120.5	19.17	13.52	6.318	121.2	22.8	11.14	27.56	27.5	0.058	64.1	64.18	26.575	0	0	
"2012-01-18	05:00:00"	6.091	156.5	31.89	12.93	5.024	157.7	37.78	11.14	27.2	26.99	0.207	66.31	66.51	26.563	0	0	
"2012-01-18	06:00:00"	4.353	154.5	53.68	7.561	3.075	154.7	71.4	6.368	27.16	26.33	0.829	66.44	68.63	26.557	0	0	
"2012-01-18	07:00:00"	5.462	223.5	17.87	8.75	4.382	229.6	21.2	7.561	27.14	26.84	0.302	66.1	66.4	26.551	0	0	
"2012-01-18	08:00:00"	4.621	211.3	25.52	8.75	3.779	213.2	41.91	8.16	27.34	27.14	0.202	63.98	63.98	26.551	1.6841	0	
"2012-01-18	09:00:00"	2.993	195.7	44.04	6.368	2.444	206	58.89	5.771	27.38	26.87	0.512	65.07	66.59	26.564	93.003	0	
"2012-01-18	10:00:00"	5.748	207.3	14.71	9.95	5.009	208.1	18.24	9.35	30.7	31.26	-0.563	64.25	63.06	26.583	278.18	0	
"2012-01-18	11:00:00"	7.893	223.2	16.93	11.14	6.782	225	18.58	11.14	36.46	37.31	-0.842	58.86	56.7	26.591	448.9	0	
"2012-01-18	12:00:00"	7.848	234.9	15.52	12.33	6.926	237.8	16.35	12.33	42.52	43.65	-1.122	49.96	47.35	26.574	579.85	0	
"2012-01-18	13:00:00"	8.12	245.8	14.8	14.12	7.038	248.6	17.05	13.52	50.86	52.35	-1.492	37.76	35.33	26.552	648.76	0	
"2012-01-18	14:00:00"	8	228.9	20.46	13.52	7.144	230	22.89	11.74	56.18	57.45	-1.273	31.69	29.58	26.509	650.83	0	
"2012-01-18	15:00:00"	10.86	237.4	14.46	21.87	9.15	240.4	17.01	19.49	62.39	63.14	-0.758	23.22	21.59	26.472	537.23	0	
"2012-01-18	16:00:00"	13.44	208.2	15.04	20.68	11.12	210	17.16	18.3	64.81	65.4	-0.594	22.59	21.1	26.441	429.2	0	
"2012-01-18	17:00:00"	13.78	238.4	14.6	23.07	11.44	241.6	17.11	19.49	67.19	67.26	-0.075	16	14.78	26.42	290.61	0	
"2012-01-18	18:00:00"	13.44	237.8	9.84	21.87	11.14	241.9	10.89	19.49	66.25	65.88	0.37	15.11	14	26.409	112.12	0	
"2012-01-18	19:00:00"	10.34	234.9	10.78	15.31	8.23	237	14.1	12.93	61.14	60.47	0.673	20.39	19.58	26.403	2.8403	0	
"2012-01-18	20:00:00"	8.66	238.8	15.45	14.12	6.398	240.1	19.08	10.54	55.42	54.29	1.134	24.61	24.66	26.4	0	0	
"2012-01-18	21:00:00"	7.355	251.5	7.498	12.93	6.761	255	9.29	10.54	52.27	50.82	1.458	28.29	29.15	26.409	0	0	
"2012-01-18	22:00:00"	7.414	240.5	12.68	12.33	5.392	241.5	16.96	9.95	51.29	49.8	1.483	28.93	29.93	26.397	0	0	
"2012-01-18	23:00:00"	11.92	277.6	16.72	21.28	7.522	280.7	19.54	15.31	53.82	52.21	1.611	27.77	28.47	26.382	0	0	
"2012-01-19	00:00:00"	11.12	284.1	23.98	20.68	6.147	286.2	27.27	11.14	52.48	51.15	1.327	29.88	30.35	26.378	0	0	
"2012-01-19	01:00:00"	8.5	265.2	14.2	13.52	5.961	268.5	16.05	11.14	49.6	47.81	1.784	32.84	34.28	26.374	0	0	
"2012-01-19	02:00:00"	6.978	245.7	13.27	10.54	4.699	248.7	16.82	7.561	47.7	45.72	1.975	34.02	36.27	26.359	0	0	
"2012-01-19	03:00:00"	11.37	280.3	7.808	14.72	6.016	286.8	11.56	12.93	49.75	46.3	3.446	30.25	34.34	26.345	0	0	
"2012-01-19	04:00:00"	11.75	281.2	11.71	19.49	6.817	286	14.59	12.93	49.71	47.81	1.899	31.16	32.78	26.332	0	0	
"2012-01-19	05:00:00"	10.81	280.2	6.693	16.51	6.327	285.6	9.2	12.33	51.48	48.98	2.502	29.04	31.24	26.325	0	0	
"2012-01-19	06:00:00"	14.34	276.8	10.54	20.09	9.85	279.5	12.38	17.1	51.2	49.94	1.264	29.26	29.76	26.321	0	0	
"2012-01-19	07:00:00"	11.91	280.1	7.179	18.3	7.736	282.1	9.47	14.12	48.81	47.21	1.601	31.63	32.82	26.328	0	0	
"2012-01-19	08:00:00"	9.95	265.7	10.74	14.12	6.968	266.7	12.46	10.54	49.33	47.38	1.947	31	32.8	26.338	1.6482	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-19	09:00:00"	11.59	257.4	8.84	18.89	8.98	261.1	10.64	16.51	48.49	47.76	0.734	32.87	32.95	26.348	56.011	0
"2012-01-19	10:00:00"	8.32	247.3	10.02	12.33	6.619	249.3	12.13	11.14	50.37	50.33	0.037	34	33.41	26.362	221.37	0
"2012-01-19	11:00:00"	12.11	263.7	10.7	19.49	9.69	268.4	11.37	18.3	60.61	61.1	-0.492	25.12	23.8	26.374	390.67	0
"2012-01-19	12:00:00"	15.8	273.9	15.04	27.84	11.71	277.8	16.01	22.47	66.24	67.17	-0.935	21.46	19.8	26.366	508.06	0
"2012-01-19	13:00:00"	16.25	280.1	9.83	25.45	11.82	282.5	11.97	23.07	69.08	70.64	-1.56	20.24	18.3	26.337	634.15	0
"2012-01-19	14:00:00"	15.76	279.3	12.51	23.66	11.45	282.4	14.73	20.68	70.72	72.4	-1.681	19.53	17.48	26.316	653.12	0
"2012-01-19	15:00:00"	14.82	276.6	13.17	23.66	10.81	280.3	15.58	19.49	73.1	74.68	-1.571	18.74	16.75	26.293	577.63	0
"2012-01-19	16:00:00"	14.63	255	12.91	24.86	12.06	258.7	15.22	21.87	74.14	74.97	-0.835	17.87	16.16	26.273	466.51	0
"2012-01-19	17:00:00"	14.13	252.2	11.31	21.87	11.95	256.7	14.12	20.68	74.72	74.97	-0.252	17.03	15.55	26.266	301.47	0
"2012-01-19	18:00:00"	9.48	235.2	13.76	16.51	7.864	236.6	15.57	14.12	73.55	73.1	0.448	17.77	16.65	26.263	113.87	0
"2012-01-19	19:00:00"	5.371	220.9	13.48	9.95	4.964	218.1	15.07	8.75	66.61	65.65	0.966	22.42	22.01	26.272	2.39	0
"2012-01-19	20:00:00"	5.023	236.5	12.12	11.14	5.414	235.3	15.57	8.75	60.54	59.54	1	26.23	26.09	26.279	0	0
"2012-01-19	21:00:00"	4.971	244.8	9.73	12.93	5.438	249.2	12.43	9.35	57.12	55.68	1.437	27.97	28.79	26.276	0	0
"2012-01-19	22:00:00"	9.72	263.9	12.08	15.91	7.108	268.8	14.73	11.74	57.53	55.75	1.783	25.94	26.88	26.273	0	0
"2012-01-19	23:00:00"	9.17	280.4	5.647	12.33	4.519	289.5	9.99	6.964	55.43	51.64	3.785	27.45	31.1	26.275	0	0
"2012-01-20	00:00:00"	8.72	264.8	7.784	14.72	5.94	274.5	15.05	11.74	57.07	54.08	2.986	25.29	27.67	26.273	0	0
"2012-01-20	01:00:00"	6.227	278.1	11.67	9.35	3.391	292.4	11.98	5.771	54.58	48.35	6.236	27.75	34.63	26.264	0	0
"2012-01-20	02:00:00"	7.227	250	19.93	9.95	4.666	259	30.5	6.964	54.6	50.36	4.241	27.81	32.35	26.258	0	0
"2012-01-20	03:00:00"	6.715	202.4	12.68	12.33	4.854	205.9	15.32	8.75	46.01	44.54	1.47	37.36	39.58	26.246	0	0
"2012-01-20	04:00:00"	7.35	226.5	14.83	12.33	5.645	230.4	17.77	9.35	44.28	43.52	0.765	39.47	39.89	26.236	0	0
"2012-01-20	05:00:00"	8.3	248.9	11.03	11.14	6.041	255.1	13.05	9.35	44.69	43.39	1.307	37.44	38.99	26.222	0	0
"2012-01-20	06:00:00"	7.787	262	11.09	15.31	5.161	268.2	16.19	11.14	47.15	44.69	2.457	32.73	35.53	26.212	0	0
"2012-01-20	07:00:00"	7.829	258.9	20.59	13.52	5.025	263.5	27.31	11.74	48.95	46.27	2.682	30.74	33.43	26.209	0	0
"2012-01-20	08:00:00"	9.53	239.9	18.99	16.51	7.182	241.6	23.66	14.12	47.2	45.8	1.402	32.53	33.54	26.216	1.7936	0
"2012-01-20	09:00:00"	9.84	254.4	11.19	15.91	7.625	260.2	12.07	13.52	49.53	48.54	0.99	28.75	29.3	26.235	97.57	0
"2012-01-20	10:00:00"	10.28	249.9	10.46	20.68	8.58	253.2	13.09	16.51	53.43	53.41	0.026	26.59	25.91	26.255	287.13	0
"2012-01-20	11:00:00"	18.15	276.7	13.1	29.63	13.04	280.2	13.84	24.26	62.66	63.2	-0.547	16.41	15.2	26.272	459.67	0
"2012-01-20	12:00:00"	18.35	281.1	8.8	26.65	12.93	284.8	11.17	21.28	67.22	68.35	-1.127	13.45	11.98	26.275	592.03	0
"2012-01-20	13:00:00"	16.37	270.9	10.17	23.66	12.82	274.6	11.5	20.09	71.08	72.28	-1.2	11.24	9.69	26.253	666.43	0
"2012-01-20	14:00:00"	17.41	266.4	10.93	26.05	14.02	270.7	11.72	24.86	74.11	75.17	-1.058	7.943	6.412	26.225	670.2	0
"2012-01-20	15:00:00"	18.87	264.4	10.64	28.43	15.35	270.1	11.71	26.05	75.44	76.26	-0.815	5.946	4.431	26.214	598.23	0
"2012-01-20	16:00:00"	18.02	275.4	10.27	24.86	13.55	279.1	11.68	21.28	76.52	77.22	-0.699	5.311	3.899	26.22	486.98	0
"2012-01-20	17:00:00"	15.81	279.7	9.27	24.26	11.28	283.4	11.06	19.49	76.01	76.27	-0.269	5.736	4.426	26.228	316.57	0
"2012-01-20	18:00:00"	13.57	278.2	7.202	21.28	9.51	282.5	9.78	17.7	74.09	73.17	0.919	6.659	5.736	26.25	122.32	0
"2012-01-20	19:00:00"	9.45	291.8	19.2	16.51	5.103	306.6	19.81	12.33	68.4	64.13	4.268	8.44	9.47	26.277	3.8294	0
"2012-01-20	20:00:00"	10.88	315.6	8.85	17.1	5.63	320	11.85	8.16	64.58	58.89	5.693	10.85	13.53	26.302	0	0
"2012-01-20	21:00:00"	10.52	296.1	8.06	15.91	4.899	300.1	10.18	9.35	59.81	57.15	2.669	15.5	16.39	26.326	0	0
"2012-01-20	22:00:00"	10.26	303	9.67	14.12	4.733	306.5	11.69	8.75	54.48	51.28	3.208	20.01	22.09	26.35	0	0
"2012-01-20	23:00:00"	10.73	310.1	10.49	14.12	5.297	317.2	12.51	9.35	53.32	48.24	5.08	21.01	25.3	26.367	0	0
"2012-01-21	00:00:00"	10.56	338.9	13.76	14.72	6.098	341.3	14.5	9.95	51.91	47.21	4.7	22.12	26.13	26.399	0	0
"2012-01-21	01:00:00"	8.2	18.22	15.96	12.33	4.585	8.9	23.41	7.561	48.62	44.69	3.924	27.42	31.1	26.414	0	0
"2012-01-21	02:00:00"	9.53	28.97	15	13.52	6.343	22.52	16.97	9.95	45.27	42.44	2.835	34.96	37.42	26.417	0	0
"2012-01-21	03:00:00"	10.14	39.17	12.59	14.72	7.36	34.82	16.28	12.33	43.29	41.65	1.639	42.75	43.87	26.411	0	0
"2012-01-21	04:00:00"	9.14	33.04	6.504	12.93	6.378	30.49	8.92	11.14	40.69	39.06	1.632	50.89	52.59	26.411	0	0
"2012-01-21	05:00:00"	7.885	32.77	10.53	11.14	5.25	19.6	21.16	8.75	39.78	37.67	2.112	52.63	55.37	26.41	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-21	06:00:00"	5.198	5.499	14.77	6.368	4.186	341.3	21.6	5.771	38.75	34.05	4.701	54.47	61.13	26.41	0	0
"2012-01-21	07:00:00"	7.374	14.86	4.769	9.35	4.263	10.5	12.88	5.771	37.86	31.92	5.94	56.24	65.14	26.42	0	0
"2012-01-21	08:00:00"	6.773	16.64	4.054	8.16	3.964	16.6	10.77	5.175	35.97	31.63	4.336	59.73	66.48	26.428	1.5204	0
"2012-01-21	09:00:00"	5.574	41.88	15.71	7.561	4.041	26.16	20.62	6.368	36.38	34.27	2.111	59.8	64.07	26.439	92.665	0
"2012-01-21	10:00:00"	5.681	85.5	21.23	8.16	5.163	82.6	23.1	7.561	39.16	40.46	-1.294	55.64	53.31	26.458	275.9	0
"2012-01-21	11:00:00"	4.108	163.9	19.62	7.561	3.625	163	21.02	6.964	43.01	43.53	-0.52	48.81	46.96	26.465	446.91	0
"2012-01-21	12:00:00"	9.24	176.3	14.66	15.31	7.854	175.2	16.54	13.52	47.42	48.47	-1.047	42.28	39.94	26.439	576.92	0
"2012-01-21	13:00:00"	13.24	180.8	11.92	22.47	11.08	180.6	14.47	17.7	51.7	52.91	-1.208	37.45	35.2	26.397	649.15	0
"2012-01-21	14:00:00"	13.32	185.2	12.55	20.09	11.11	185.5	15.25	18.3	56.12	57.37	-1.252	32.1	29.87	26.342	657.67	0
"2012-01-21	15:00:00"	13.76	198.8	13.36	21.28	11.56	200	15.71	20.68	60.45	61.31	-0.865	25.53	23.62	26.304	538.75	0
"2012-01-21	16:00:00"	14.52	207	12.58	23.66	12.17	207.9	14.13	20.68	62.74	63.43	-0.692	21.96	20.15	26.276	488.41	0
"2012-01-21	17:00:00"	15.54	197.4	11.81	24.26	12.79	198.2	14.2	20.09	64.2	64.46	-0.252	20.48	18.98	26.25	309.32	0
"2012-01-21	18:00:00"	14.37	181.1	7.749	20.09	11.9	181.1	10.24	17.7	63.74	63.43	0.313	20.42	19.33	26.216	120.34	0
"2012-01-21	19:00:00"	11.83	186.9	9.43	20.09	9.56	187.1	11.01	17.7	59.79	59.17	0.616	22.81	21.96	26.198	2.7332	0
"2012-01-21	20:00:00"	10.93	191.5	9.1	17.7	8.8	192.2	10.57	15.31	55.73	55.16	0.57	27.1	26.34	26.199	0	0
"2012-01-21	21:00:00"	12.55	193.8	11.64	21.28	9.9	195.9	13.91	18.89	52.54	52.05	0.498	31.17	30.45	26.181	0	0
"2012-01-21	22:00:00"	8.27	205.9	8.94	13.52	5.994	207.8	12.06	10.54	49.45	48.75	0.696	36.02	35.74	26.173	0	0
"2012-01-21	23:00:00"	8.72	207.4	11.2	13.52	6.467	209.2	13.07	10.54	46.44	45.83	0.617	40.37	40.1	26.152	0	0
"2012-01-22	00:00:00"	11.81	211.5	10.54	17.7	9.42	213	12.13	15.91	47.91	47.42	0.488	38.55	38.05	26.143	0	0
"2012-01-22	01:00:00"	15.05	202.9	8.86	24.26	11.51	204.7	12.16	21.87	51.88	51.18	0.697	30.49	30.08	26.115	0	0
"2012-01-22	02:00:00"	16.21	208.8	10.11	23.66	12.73	210.4	12.86	19.49	54.01	53.47	0.533	24.37	23.59	26.097	0	0
"2012-01-22	03:00:00"	15.96	202.4	8.85	23.66	12.4	203.7	12.01	20.68	55.68	55.13	0.549	21.54	20.69	26.08	0	0
"2012-01-22	04:00:00"	14.58	213.3	12.63	27.84	12.09	213.3	13.56	23.66	58.58	57.77	0.808	19.54	18.71	26.075	0	0
"2012-01-22	05:00:00"	15.21	229.4	12.93	26.05	13.11	230.4	15.97	23.66	58.5	58.02	0.477	18.65	17.51	26.08	0	0
"2012-01-22	06:00:00"	12.33	234.9	11.46	24.86	10.2	238	13.24	18.89	57.62	57.11	0.513	19.71	18.69	26.093	0	0
"2012-01-22	07:00:00"	20.9	255	14.17	46.33	16.7	258.5	16.09	36.78	59.44	58.83	0.611	19.64	18.65	26.1	0	0
"2012-01-22	08:00:00"	30.72	273.9	7.048	49.91	23.41	277.5	9.59	40.36	59.44	58.39	1.043	23.22	22.58	26.119	0.95476	0
"2012-01-22	09:00:00"	30.64	269.8	8.33	46.33	24	273.2	10.15	40.36	56.67	56.04	0.626	27.57	26.73	26.155	72.275	0
"2012-01-22	10:00:00"	22.33	287.4	14.77	45.13	14.96	291.1	16.12	35.59	53.99	54.14	-0.144	31.42	29.98	26.206	268.24	0
"2012-01-22	11:00:00"	30.28	274.3	8.28	42.75	22.82	278.3	10.52	38.57	56.07	56.72	-0.646	22.59	20.95	26.215	458.72	0
"2012-01-22	12:00:00"	34.14	278	9.15	48.12	24.54	281.9	11.59	42.75	58.41	59.36	-0.955	14.69	13.02	26.223	582.74	0
"2012-01-22	13:00:00"	33.27	278.8	8.65	48.12	23.77	282.4	11.03	40.96	59.96	61.28	-1.322	13.48	11.67	26.215	655.72	0
"2012-01-22	14:00:00"	32.32	292.4	11.4	47.52	19.28	296.6	13.17	38.57	61.66	63.12	-1.467	10.17	8.37	26.211	666.06	0
"2012-01-22	15:00:00"	26.69	300.1	9.87	40.96	15.54	303.8	11.95	31.42	62.65	64.18	-1.523	9.35	7.549	26.215	596.19	0
"2012-01-22	16:00:00"	22.29	297.1	13.06	34.4	13.58	300.6	14.46	26.65	62.74	64.03	-1.288	9.23	7.518	26.235	485.77	0
"2012-01-22	17:00:00"	18.74	302	11.01	29.63	11.31	305.7	12.44	21.87	62.88	63.64	-0.757	8.91	7.348	26.255	319.04	0
"2012-01-22	18:00:00"	14.15	314.7	9.31	24.26	9.2	317.7	10.71	17.1	61.54	61.24	0.301	9.86	8.69	26.279	126.08	0
"2012-01-22	19:00:00"	10.38	336.1	7.529	13.52	5.955	339.1	8.77	9.95	56.33	51.94	4.389	14.85	16.44	26.306	4.391	0
"2012-01-22	20:00:00"	10.73	331.8	6.187	14.12	5.637	337.5	7.88	8.75	52.98	47.25	5.731	17.77	21.43	26.331	0	0
"2012-01-22	21:00:00"	10.48	318.1	4.409	13.52	5.308	323.2	7.26	8.16	49.34	43.98	5.361	21.06	25.46	26.357	0	0
"2012-01-22	22:00:00"	11.27	328.9	10.3	14.72	6.527	333.4	10.9	9.35	47.07	43.14	3.928	23.44	26.82	26.38	0	0
"2012-01-22	23:00:00"	9.96	353.8	12.05	13.52	6.139	353.5	11.57	9.35	44.22	41.61	2.609	26.8	29.1	26.392	0	0
"2012-01-23	00:00:00"	9.99	346.3	15.46	13.52	5.955	345.3	12.61	8.75	42.54	39.47	3.078	28.49	31.65	26.394	0	0
"2012-01-23	01:00:00"	9.91	331	5.042	12.33	5.255	335	11.12	6.964	41.53	36.33	5.205	29.79	35.92	26.397	0	0
"2012-01-23	02:00:00"	3.557	307.8	16.1	9.95	3.951	306.1	22.64	6.368	41.46	37.77	3.695	31.41	35.93	26.417	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2012-01-23	03:00:00"	8.48	346.6	10.43	11.14	4.509	349.1	17.14	6.964	43.63	39.72	3.901	31.07	37.49	26.43	0	0
"2012-01-23	04:00:00"	8.55	346.8	7.542	11.14	5	350.3	11.39	8.16	45.27	42.89	2.38	29.84	33.54	26.431	0	0
"2012-01-23	05:00:00"	8.58	346.1	9.31	11.74	5.994	346.9	9.29	8.75	44.32	43.53	0.787	32.54	33.39	26.421	0	0
"2012-01-23	06:00:00"	5.54	351.3	13.34	8.75	3.534	353.1	18.61	5.771	43.29	42.01	1.28	34.42	36.52	26.427	0	0
"2012-01-23	07:00:00"	1.924	268.5	83.5	11.14	2.251	176.9	91.4	9.35	42.3	40.57	1.725	36.11	38.88	26.43	0	0
"2012-01-23	08:00:00"	4.55	220	19.13	8.16	4.501	222.8	21.16	8.16	37.68	37.27	0.409	44.56	44.51	26.449	1.6965	0
"2012-01-23	09:00:00"	3.065	234.9	35.5	8.16	2.497	267.4	68.93	6.368	38.38	37.27	1.115	39.33	43.45	26.458	94.635	0
"2012-01-23	10:00:00"	4.922	198.4	16.57	10.54	4.4	200	22.48	8.75	42.85	43.15	-0.293	35.8	35.2	26.476	282.62	0
"2012-01-23	11:00:00"	10.27	164.2	11.5	20.09	8.75	162.9	12.61	17.7	49.16	49.79	-0.633	28.49	27.26	26.478	457.43	0
"2012-01-23	12:00:00"	13.34	166.5	11.35	20.68	11.32	166.2	12.26	17.7	52.21	53.15	-0.934	27.29	25.57	26.46	587.88	0
"2012-01-23	13:00:00"	13.52	183	13.26	20.68	11.21	182.5	15.71	17.7	55.62	56.89	-1.271	24.18	22.23	26.425	659.79	0
"2012-01-23	14:00:00"	14.36	191.8	13.77	23.66	12	192.3	16.21	21.28	58.34	59.55	-1.211	19.57	17.66	26.381	665.97	0
"2012-01-23	15:00:00"	14.76	190.4	11.79	22.47	12.38	190.3	14.21	20.09	59.89	60.99	-1.092	17.79	15.94	26.346	590.93	0
"2012-01-23	16:00:00"	15.11	187.4	13.11	24.26	12.68	187.2	15.58	20.09	61.38	62	-0.618	16.01	14.39	26.319	480.31	0
"2012-01-23	17:00:00"	12.53	188.7	12.7	19.49	10.31	189.2	15.15	17.1	62.43	62.83	-0.404	13.98	12.55	26.31	316.45	0
"2012-01-23	18:00:00"	10.16	168.7	12.31	15.31	8.38	168.5	13.3	13.52	61.54	61.37	0.171	15.86	14.76	26.309	126.21	0
"2012-01-23	19:00:00"	7.538	149.3	6.509	11.14	5.624	149.7	6.157	8.75	57.73	56.56	1.171	19.25	19.18	26.314	4.145	0
"2012-01-23	20:00:00"	12.25	161.2	9.27	20.09	9.97	161.2	9.91	16.51	54.77	53.84	0.935	21.94	21.5	26.31	0	0
"2012-01-23	21:00:00"	14.94	168.4	7.249	21.28	11.76	167.4	8.44	17.1	52.9	51.98	0.918	24.59	24.14	26.307	0	0
"2012-01-23	22:00:00"	11.03	174.4	18.84	20.09	8.73	176.1	23.83	15.31	51.21	50.48	0.737	27.69	27.15	26.306	0	0
"2012-01-23	23:00:00"	8.25	189.8	15.71	14.12	6.294	191.8	20.42	11.14	50.75	49.72	1.033	28.58	28.45	26.314	0	0
"2012-01-24	00:00:00"	6.726	186.1	9.6	12.33	6.709	187.2	12.2	10.54	49.72	48.83	0.893	29.83	29.58	26.316	0	0
"2012-01-24	01:00:00"	8.55	192.7	9.54	12.93	6.447	196.4	12.55	11.14	47.23	46.34	0.896	32.74	32.69	26.303	0	0
"2012-01-24	02:00:00"	7.436	189.5	10.66	11.14	5.789	193.1	14.41	9.35	45.85	45.07	0.774	34.28	34.16	26.293	0	0
"2012-01-24	03:00:00"	10.05	184.1	10.03	16.51	8.01	186.2	12.45	12.93	46.14	45.58	0.557	35.49	35.06	26.28	0	0
"2012-01-24	04:00:00"	6.589	191.7	16.76	13.52	6.131	195.5	21.25	11.74	47.28	46.67	0.613	35.24	34.96	26.272	0	0
"2012-01-24	05:00:00"	6.232	200.3	10.04	12.33	4.644	201.7	14.14	9.35	46.15	45.2	0.945	37.93	38.41	26.267	0	0
"2012-01-24	06:00:00"	8.01	173.6	14.15	18.89	6.269	173.5	15.84	14.12	45.81	45.01	0.8	41.08	41.24	26.253	0	0
"2012-01-24	07:00:00"	9.11	167	10	16.51	7.394	168.4	10.96	14.12	45.74	45.23	0.511	45.65	45.14	26.245	0	0
"2012-01-24	08:00:00"	6.411	158.1	16.59	12.33	4.964	157.3	20.06	8.16	44.62	44.07	0.553	50.04	49.75	26.243	1.6253	0
"2012-01-24	09:00:00"	7.92	125.9	15.76	13.52	5.945	121.7	22.33	11.74	44	43.89	0.114	56.44	55.8	26.234	36.9	0
"2012-01-24	10:00:00"	10.26	140.1	9.28	16.51	8.48	141.4	10.07	14.12	47.14	47.14	0.004	58.5	57.38	26.242	104.55	0
"2012-01-24	11:00:00"	13.35	139.2	11.11	19.49	11.15	140.2	11.66	18.3	50.2	50.49	-0.294	57.33	55.69	26.245	215.75	0
"2012-01-24	12:00:00"	12.06	128.8	15.87	18.3	10.15	129.9	16.96	17.1	52.34	53.23	-0.887	55.07	52.45	26.241	303.96	0
"2012-01-24	13:00:00"	7.807	140.2	25.07	12.33	6.858	141.3	26.17	11.14	54.48	55.35	-0.871	51.83	49.21	26.223	348.84	0
"2012-01-24	14:00:00"	9.97	138.4	15.37	15.91	8.44	139.6	16.4	12.93	56.76	57.33	-0.572	48.6	46.43	26.193	206.16	0
"2012-01-24	15:00:00"	8.62	162.5	18.68	14.12	7.327	162.8	19.35	12.33	57.54	58.02	-0.475	45.37	43.44	26.178	251.31	0
"2012-01-24	16:00:00"	7.811	169.2	15.46	13.52	6.683	168.1	16.88	11.74	57.28	57.63	-0.351	45.33	43.62	26.182	171.17	0
"2012-01-24	17:00:00"	5.645	199.4	16.7	10.54	4.899	200.4	20.8	9.35	56.82	57.02	-0.203	44.99	43.43	26.204	119.72	0
"2012-01-24	18:00:00"	3.092	185.8	32.54	6.964	2.559	185.8	39.91	5.771	56.76	56.7	0.054	45.55	44.53	26.228	80.133	0
"2012-01-24	19:00:00"	6.845	299	35.98	11.74	3.905	303.3	37.71	8.16	54.46	52.12	2.342	49.02	50.84	26.254	3.4428	0
"2012-01-24	20:00:00"	10.22	330.4	11.82	14.12	6.727	332.8	12.08	11.14	49.53	47.93	1.604	60.43	62.41	26.265	0	0
"2012-01-24	21:00:00"	9.88	43.08	15.84	15.91	7.487	42.88	18.74	12.93	47.75	47.23	0.518	77.09	76.34	26.289	0	0
"2012-01-24	22:00:00"	8.5	21.17	22.61	14.72	6.595	19.66	25.09	13.52	46.63	46.38	0.25	81.8	81.1	26.317	0	0
"2012-01-24	23:00:00"	9.11	345.6	19.11	14.72	6.888	343.9	18.77	12.93	46.07	46.04	0.025	82.2	81.5	26.348	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-25	00:00:00"	11.83	12.44	8.81	16.51	9.14	10.62	14.44	14.12	45.7	45.24	0.458	82.7	82.6	26.351	0
"2012-01-25	01:00:00"	16.13	4.241	14.34	31.42	12.68	1.638	17.01	28.43	45.73	45.33	0.399	83.2	83.2	26.333	0
"2012-01-25	02:00:00"	21.58	20.35	9.38	31.42	17.6	20.48	13.69	27.84	42.73	43.5	-0.764	82	80.6	26.361	0
"2012-01-25	03:00:00"	18.23	13.65	8.53	26.05	14.77	12.28	14.61	23.07	42.11	42.44	-0.335	78.13	76.88	26.376	0
"2012-01-25	04:00:00"	19.44	11.41	8.01	26.65	15.54	9.18	14.86	23.66	41.24	41.61	-0.371	75.22	73.95	26.39	0
"2012-01-25	05:00:00"	22.8	10.93	7.069	31.42	18.19	8.93	14.24	29.03	40.21	40.77	-0.556	74.48	73.03	26.38	0
"2012-01-25	06:00:00"	23.92	15.22	6.178	36.19	19.23	14.08	13.94	30.82	39.94	40.59	-0.653	64.93	63.63	26.383	0
"2012-01-25	07:00:00"	21.13	11.85	7.029	34.4	16.96	9.74	13.14	27.84	39.1	39.6	-0.501	63.07	61.51	26.408	0
"2012-01-25	08:00:00"	20.14	3.85	12.64	29.03	15.96	0.654	15.31	25.45	38.6	38.92	-0.318	64.13	62.75	26.428	0.27417
"2012-01-25	09:00:00"	20.75	354.9	13.09	31.42	16.38	352	13.77	25.45	35.85	36.12	-0.27	74.83	74.84	26.436	13.828
"2012-01-25	10:00:00"	18.23	357.6	14.27	25.45	14.37	354.1	13.75	21.87	34.08	34.43	-0.35	82.8	82.9	26.451	41.081
"2012-01-25	11:00:00"	18.05	358.3	14.66	25.45	14.21	355	14.67	23.07	34.3	34.62	-0.327	84.1	84.1	26.468	38.226
"2012-01-25	12:00:00"	20.15	2.051	14.31	27.24	16.07	358.9	15.49	23.66	34.86	35.38	-0.516	84.6	84.1	26.474	64.958
"2012-01-25	13:00:00"	22.73	0.866	13.7	32.61	17.79	357	16.92	30.22	36.36	37.16	-0.795	82.8	82.8	26.444	167.69
"2012-01-25	14:00:00"	17.96	3.07	12.04	30.22	14.23	0.767	15.5	26.05	38.24	38.52	-0.278	79.49	80.7	26.427	93.618
"2012-01-25	15:00:00"	10.17	11.8	7.44	17.1	8.23	10.2	12.95	14.72	39.6	39.86	-0.261	81.2	82.2	26.419	53.844
"2012-01-25	16:00:00"	8.23	1.582	12.53	14.12	6.504	359.1	15.47	11.74	41.43	41.7	-0.271	78.82	80.5	26.403	52.036
"2012-01-25	17:00:00"	4.289	10.62	14.47	7.561	3.673	10.43	19.22	6.964	43.11	44.22	-1.112	74.67	75.26	26.394	138.43
"2012-01-25	18:00:00"	5.867	295	49.83	10.54	4.75	296.5	48.47	9.95	45.06	45.62	-0.562	71.84	72.66	26.387	92.55
"2012-01-25	19:00:00"	5.415	234.7	10.89	8.16	4.801	237.6	13.05	7.561	42.66	42.77	-0.11	79.97	79.62	26.395	3.142
"2012-01-25	20:00:00"	4.739	242.5	19.31	8.75	3.885	246.6	26.81	7.561	41.25	41.2	0.057	82.8	82.5	26.409	0
"2012-01-25	21:00:00"	4.794	240.1	14.14	7.561	3.497	241.2	19.36	6.368	40.73	40.34	0.388	79.64	80.4	26.404	0
"2012-01-25	22:00:00"	6.869	245.3	16.58	12.33	5.382	250.7	18.84	9.95	39.02	38.82	0.206	82.6	82.3	26.401	0
"2012-01-25	23:00:00"	7.011	263.1	9.35	12.33	5.349	261.8	17.76	10.54	38.19	37.52	0.676	77.93	78.6	26.416	0
"2012-01-26	00:00:00"	5.11	236	20.11	7.561	3.599	230.8	18.38	5.771	36.83	36.06	0.776	78.28	79.81	26.41	0
"2012-01-26	01:00:00"	5.107	234.3	10.67	7.561	3.855	237	12.91	6.964	35.25	35.05	0.197	82.9	82.7	26.404	0
"2012-01-26	02:00:00"	4.359	240.4	10.66	5.771	3.498	246.2	14.35	5.175	34.28	33.83	0.448	84.6	84.6	26.388	0
"2012-01-26	03:00:00"	4.191	245.3	16.37	6.964	2.977	246.6	19.49	5.175	33.95	33.29	0.657	85	85.1	26.382	0
"2012-01-26	04:00:00"	6.676	299.2	17.81	11.14	3.227	307.3	22.07	7.561	34.44	31.57	2.872	78.8	83	26.388	0
"2012-01-26	05:00:00"	10.82	309.1	5.661	14.12	5.857	313.9	8.57	9.35	35.15	33.54	1.613	76.01	79.54	26.392	0
"2012-01-26	06:00:00"	11.03	311	5.26	14.72	5.906	314.5	8.32	10.54	34.47	32.9	1.563	72.34	76.62	26.4	0
"2012-01-26	07:00:00"	11.12	322.7	10.46	14.72	6.728	326.8	12.19	11.14	35.11	33.05	2.055	64.37	70.77	26.41	0
"2012-01-26	08:00:00"	12.73	353.9	14.12	17.7	8.98	351.9	14.09	12.93	36.49	34.49	1.998	58.96	65.46	26.44	2.1128
"2012-01-26	09:00:00"	12.59	353.2	13.15	18.89	9.19	350.3	13.27	14.72	39.71	38.35	1.37	51.77	57.42	26.486	94.419
"2012-01-26	10:00:00"	13.43	8.79	10.22	18.3	10.51	6.274	13.35	16.51	45.21	44.68	0.524	45.03	49.3	26.522	287.13
"2012-01-26	11:00:00"	12.56	26.37	13.4	20.09	10.42	26.74	16.3	17.1	50.76	51.47	-0.706	36.7	38.38	26.55	459.28
"2012-01-26	12:00:00"	13.76	29.4	10.36	20.68	11.55	30.19	13.15	18.89	53.63	54.82	-1.191	35.02	36.14	26.552	591.49
"2012-01-26	13:00:00"	15.5	33.33	10.33	24.26	13.05	34.59	12.24	21.28	57.69	58.58	-0.891	29.61	30.5	26.535	661.59
"2012-01-26	14:00:00"	14.28	32.39	14.27	23.07	12.34	32.83	17.06	21.28	59.75	60.85	-1.101	23.44	23.84	26.51	659
"2012-01-26	15:00:00"	12.97	30.29	14.17	21.28	11.62	30.95	17.14	19.49	60.58	61.68	-1.102	20.66	20.77	26.489	575.97
"2012-01-26	16:00:00"	10.21	43.04	16.37	18.3	8.91	42.98	16.85	15.91	61.09	62.03	-0.943	18.12	18.02	26.481	469.02
"2012-01-26	17:00:00"	5.472	32.02	15.93	12.93	5.545	30.26	18.92	12.33	60.91	62	-1.084	16.99	16.78	26.479	307.01
"2012-01-26	18:00:00"	1.76	133.5	50.97	4.578	1.373	138.9	54.86	4.578	60.45	60.43	0.019	17.83	18.12	26.469	115.09
"2012-01-26	19:00:00"	3.353	161.7	12.18	8.16	2.403	171	16.59	5.175	56.4	55.1	1.297	25.54	28.4	26.467	5.4421
"2012-01-26	20:00:00"	5.731	174.2	8.36	11.14	3.653	175.5	10.13	7.561	53.16	51.74	1.419	32.92	34.83	26.462	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-26	21:00:00"	7.239	208.8	11.96	11.74	5.365	211.3	14	8.75	49.9	48.76	1.14	39.29	40.8	26.455	0
"2012-01-26	22:00:00"	5.628	216.7	11.01	8.75	4.282	216.1	13.65	6.964	47.68	46.64	1.034	46.48	47.86	26.44	0
"2012-01-26	23:00:00"	6.469	213.2	9.66	9.35	4.533	211.6	11.56	7.561	45.49	44.38	1.108	53.44	55.26	26.426	0
"2012-01-27	00:00:00"	7.219	211.5	8.24	10.54	5.013	212.3	10.87	7.561	44.73	43.63	1.104	56.38	58.15	26.409	0
"2012-01-27	01:00:00"	8.61	203.9	9.01	12.33	5.987	204.8	11.71	10.54	43.07	42.07	1.005	61.24	62.79	26.379	0
"2012-01-27	02:00:00"	8.17	204.7	9.92	12.33	5.843	208	12.49	9.95	42.64	41.74	0.905	62.21	63.46	26.356	0
"2012-01-27	03:00:00"	9.06	208.7	12.49	17.1	6.688	212	15.63	12.93	42.87	42.03	0.839	60.48	61.57	26.339	0
"2012-01-27	04:00:00"	8.39	207	10.37	11.74	6.048	210.1	13.95	9.35	41.78	40.9	0.878	62.48	63.72	26.322	0
"2012-01-27	05:00:00"	7.34	217.3	11.02	11.14	5.819	221.6	12.31	9.35	39.76	39.23	0.536	66.79	67.16	26.301	0
"2012-01-27	06:00:00"	6.715	218.3	11.05	10.54	5.225	223.7	12.65	8.75	37.96	37.47	0.494	71.33	71.6	26.283	0
"2012-01-27	07:00:00"	5.813	230.7	11.89	8.75	4.513	235.9	15.84	7.561	37.47	36.9	0.57	72.81	73.28	26.288	0
"2012-01-27	08:00:00"	5.93	235.4	16.09	9.35	4.377	236.2	24.68	8.16	37.08	36.05	1.029	73.64	75	26.306	2.5186
"2012-01-27	09:00:00"	5.776	233.3	12.1	8.16	3.994	231	15.79	5.771	39.33	38.07	1.263	66.31	69.83	26.325	108.12
"2012-01-27	10:00:00"	5.979	229.4	18.04	9.35	4.927	228.9	20.87	8.16	44.64	44.71	-0.065	57.45	58.53	26.34	272.72
"2012-01-27	11:00:00"	8.4	248.8	11.35	12.93	7.04	251.8	13.52	11.14	52.68	53.21	-0.531	43.97	43.31	26.357	469.39
"2012-01-27	12:00:00"	15.08	279.4	9.78	20.68	10.89	282.2	12.26	18.89	61.71	62.84	-1.132	25.32	24.36	26.363	594.87
"2012-01-27	13:00:00"	17.78	288.2	10.3	27.24	11.4	291.5	12.33	23.07	65.62	66.99	-1.371	21.93	20.47	26.342	670.8
"2012-01-27	14:00:00"	18.29	289.5	10.99	27.84	11.62	292.8	13.18	20.68	67.66	69.07	-1.412	21.54	19.87	26.318	677.87
"2012-01-27	15:00:00"	16.46	297	12.19	26.65	10.27	300.5	13.87	20.09	69.01	70.43	-1.423	20.43	18.65	26.313	605.61
"2012-01-27	16:00:00"	16.7	311.1	16	29.63	11.27	313.8	17.05	23.07	69.89	70.99	-1.1	18.47	16.82	26.318	493.74
"2012-01-27	17:00:00"	16.69	324.7	12.04	27.84	12.42	327.1	12.89	23.66	69.5	70.11	-0.619	18.37	16.91	26.336	316.77
"2012-01-27	18:00:00"	14.59	332.9	6.898	21.87	11.07	334.5	8.49	20.09	67.11	66.38	0.729	20.51	19.86	26.362	69.31
"2012-01-27	19:00:00"	12.29	351.4	13.16	18.3	8.97	350.1	11.74	13.52	62.37	60.85	1.529	22.41	22.72	26.4	3.7515
"2012-01-27	20:00:00"	16.62	29.63	12.25	29.63	13.38	30.19	14.28	26.05	56.76	55.76	0.997	29.27	29.23	26.453	0
"2012-01-27	21:00:00"	23	38.64	7.62	35	19.12	39.06	9.06	29.63	51.07	50.59	0.481	37.25	36.71	26.502	0
"2012-01-27	22:00:00"	20.7	42.18	6.888	29.63	17.09	42.71	7.988	26.65	47.87	47.51	0.352	40.68	40.02	26.539	0
"2012-01-27	23:00:00"	19.82	41.85	7.086	26.65	16.38	42.34	8.31	23.07	45.53	45.23	0.302	45.2	44.51	26.565	0
"2012-01-28	00:00:00"	19.99	53.77	7.975	27.24	16.42	53.96	8.87	23.07	43.75	43.51	0.238	46.55	45.81	26.593	0
"2012-01-28	01:00:00"	17.59	56.43	6.95	26.05	14.43	56.49	8.13	22.47	42.34	42.17	0.171	49.17	48.39	26.616	0
"2012-01-28	02:00:00"	14.02	56.73	7.17	19.49	11.48	56.56	8.57	17.7	40.85	40.71	0.143	52.68	51.99	26.642	0
"2012-01-28	03:00:00"	14.31	47.67	8.74	20.68	11.95	47.41	10.02	18.3	40.14	39.99	0.143	53.31	52.7	26.665	0
"2012-01-28	04:00:00"	14.09	46.48	8.46	23.07	11.78	46.62	8.81	19.49	39.79	39.62	0.172	51.32	50.75	26.686	0
"2012-01-28	05:00:00"	17.18	59.34	9.22	29.63	13.85	59.44	10.47	23.66	39.19	39.03	0.158	46.18	45.51	26.699	0
"2012-01-28	06:00:00"	12.91	58.1	10.45	23.07	10.48	58.41	11.35	20.68	37.83	37.72	0.107	49.15	48.51	26.713	0
"2012-01-28	07:00:00"	9.95	52.75	11.23	17.7	8.05	52.66	11.83	15.91	36.69	36.54	0.145	47.85	47.48	26.75	0
"2012-01-28	08:00:00"	5.696	28.43	10.41	9.95	4.613	25.4	13.53	9.35	35.39	35.75	-0.352	52.49	51.72	26.78	1.3422
"2012-01-28	09:00:00"	4.849	355.8	13.51	6.964	3.439	345.6	17.05	6.368	34.64	35.48	-0.834	53.97	53.67	26.81	45.318
"2012-01-28	10:00:00"	7.193	60.21	27.07	11.14	6.199	59.07	28.74	10.54	36.39	37.37	-0.982	47	45.57	26.821	216.24
"2012-01-28	11:00:00"	8.81	109.1	15.06	14.12	7.645	110.5	18.26	12.33	38.61	40.2	-1.593	37.77	36.24	26.821	431.24
"2012-01-28	12:00:00"	6.103	106.9	32.44	12.33	5.472	107	35.27	9.95	40.37	42.16	-1.787	34.38	32.45	26.82	536.9
"2012-01-28	13:00:00"	7.709	149.2	28.58	14.72	6.754	150.6	35.01	13.52	42.23	43.67	-1.448	31.7	29.77	26.795	655.18
"2012-01-28	14:00:00"	8.54	167	23.78	15.31	7.437	167	25.5	13.52	43.17	44.3	-1.126	29.03	27.32	26.76	362.78
"2012-01-28	15:00:00"	9.04	163.6	20.79	17.1	7.9	163.7	20.52	15.91	44.73	45.73	-0.997	25.33	23.86	26.724	365.08
"2012-01-28	16:00:00"	9.67	159.4	15.4	17.1	8.52	159.7	15.35	14.72	45.4	46.23	-0.826	23.14	21.8	26.714	259.21
"2012-01-28	17:00:00"	4.008	148.9	18.39	11.74	6.297	148.8	18.08	12.33	44.92	45.42	-0.496	25.66	24.53	26.727	108.57

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-28	18:00:00"	3.883	117	17.43	9.95	5.342	116.1	21.15	9.95	44.49	45.02	-0.532	27.87	27.59	26.728	53.934		0
"2012-01-28	19:00:00"	1.113	111.1	8.5	4.578	3.865	100.7	16.74	5.771	42.25	41.1	1.153	31.36	34.52	26.729	5.9664		0
"2012-01-28	20:00:00"	1.627	110.5	9.18	8.75	3.809	85.7	21.59	5.175	40.65	37.22	3.434	34.96	40.58	26.732	0		0
"2012-01-28	21:00:00"	8.29	132.5	5.444	11.74	5.651	127.9	8.33	8.16	39.75	37.5	2.253	37.54	41.57	26.727	0		0
"2012-01-28	22:00:00"	7.994	137.6	6.241	10.54	5.103	134.2	9.18	6.964	38.94	37.09	1.851	38.88	42.43	26.728	0		0
"2012-01-28	23:00:00"	8.27	146.1	8.51	11.74	5.952	145.1	9.49	9.95	38.63	37.38	1.252	41.18	43.2	26.735	0		0
"2012-01-29	00:00:00"	7.269	180.2	17.05	12.33	5.487	181.1	18.87	10.54	36.25	35.45	0.801	48.11	48.88	26.728	0		0
"2012-01-29	01:00:00"	6.395	217.2	22.21	11.14	4.72	223.4	27.75	8.75	34.67	33.98	0.687	52.19	52.77	26.715	0		0
"2012-01-29	02:00:00"	7.1	246	11.99	9.95	5.201	252.7	16.48	8.16	34.64	33.65	0.989	52.57	54.21	26.705	0		0
"2012-01-29	03:00:00"	6.551	235.2	11.32	9.35	5.062	240.4	15.59	8.16	33.44	32.78	0.665	55.98	56.59	26.696	0		0
"2012-01-29	04:00:00"	6.462	242.1	15.81	8.75	4.744	248.7	19.38	8.16	32.76	31.96	0.808	57.07	58.15	26.694	0		0
"2012-01-29	05:00:00"	7.504	249.9	9.51	9.95	5.674	257.7	11.4	7.561	33.44	32.47	0.962	54.57	55.96	26.69	0		0
"2012-01-29	06:00:00"	6.83	239.3	8.49	9.35	5.16	246.4	9.52	7.561	32.16	31.34	0.823	57.02	58.11	26.667	0		0
"2012-01-29	07:00:00"	5.506	235.7	9.77	7.561	4.087	245.4	12.73	5.771	31.58	30.73	0.849	58.71	59.85	26.661	0		0
"2012-01-29	08:00:00"	5.126	244.1	9.65	6.964	3.614	262.4	12.51	5.175	32.12	30.46	1.663	58.42	61.06	26.669	2.7899		0
"2012-01-29	09:00:00"	5.523	238.1	12.88	9.35	4.141	248.6	16.68	8.16	33.59	32.85	0.737	57.72	59.33	26.686	109.9		0
"2012-01-29	10:00:00"	7.938	208.7	10.16	12.33	6.708	212.8	13.16	11.74	36.63	37	-0.372	56.38	55.36	26.694	300.06		0
"2012-01-29	11:00:00"	9.71	210.1	10.33	14.72	8.24	213	12.99	12.93	42.85	43.59	-0.746	45.08	43.34	26.701	475.85		0
"2012-01-29	12:00:00"	12.19	205.6	11.75	16.51	10.22	208	15.23	14.72	47.8	48.78	-0.987	36.38	34.53	26.695	610.02		0
"2012-01-29	13:00:00"	12.03	204.8	13.38	17.7	10.16	206.1	15.35	15.31	52.03	53.12	-1.082	33.24	31.16	26.672	686.8		0
"2012-01-29	14:00:00"	10.49	205.3	12.17	17.1	9.62	207	14.99	15.91	55.92	57.21	-1.291	31.37	29.12	26.637	693.05		0
"2012-01-29	15:00:00"	11.24	201.5	14.9	21.87	10.1	202.8	17.4	20.09	58.67	59.97	-1.295	29.24	27.02	26.601	619.25		0
"2012-01-29	16:00:00"	13.13	197.5	13.37	21.28	11.17	198.9	16.07	20.09	59.88	60.92	-1.034	28.01	25.98	26.58	512.21		0
"2012-01-29	17:00:00"	12.94	204.6	12.55	20.68	10.71	205.6	15.08	18.89	60.2	60.77	-0.574	27.56	25.83	26.573	345.19		0
"2012-01-29	18:00:00"	10.99	190.9	9.57	17.1	9.1	191.8	12.27	14.72	59.36	59.35	0.016	28.56	27.32	26.572	151.72		0
"2012-01-29	19:00:00"	8.29	183.3	8.82	14.12	6.512	183.3	11.12	11.74	55.05	54.25	0.793	33.69	33.4	26.572	8.6185		0
"2012-01-29	20:00:00"	10.05	180.2	7.626	16.51	7.701	179.9	9.56	13.52	52.35	51.21	1.148	37.1	37.38	26.572	0		0
"2012-01-29	21:00:00"	7.61	177.9	9.53	15.31	5.883	175.3	11.98	12.33	49.77	48.58	1.188	40.91	41.44	26.574	0		0
"2012-01-29	22:00:00"	5.883	185.7	10.1	10.54	4.092	188.4	14.13	8.16	48.12	46.83	1.295	45.58	46.27	26.572	0		0
"2012-01-29	23:00:00"	5.151	181.4	23.98	9.35	3.38	181.6	30.7	6.368	45.57	44.1	1.467	52.76	54.13	26.562	0		0
"2012-01-30	00:00:00"	5.945	230	19.91	9.35	4.349	238.7	24.27	7.561	43.95	42.62	1.334	55.95	57.38	26.564	0		0
"2012-01-30	01:00:00"	7.544	207.9	7.667	9.95	5.391	212.6	10.51	8.16	42.22	41.25	0.964	57.47	58.33	26.557	0		0
"2012-01-30	02:00:00"	7.22	207	8.78	9.95	5.273	213.2	11.73	7.561	39.43	38.74	0.695	62.2	62.63	26.551	0		0
"2012-01-30	03:00:00"	6.728	208.1	9.32	9.95	4.887	212.5	11.03	8.16	37.96	37.22	0.738	63.91	64.53	26.54	0		0
"2012-01-30	04:00:00"	5.462	227.4	13.8	8.16	4.003	234.8	16.95	6.964	37.74	36.97	0.771	63.86	64.56	26.521	0		0
"2012-01-30	05:00:00"	5.591	240.3	9.76	7.561	3.986	251.4	12.5	5.771	36.75	35.67	1.083	65.53	67.01	26.505	0		0
"2012-01-30	06:00:00"	5.607	227	11.82	9.35	4.138	234.9	13.52	7.561	36.28	35.69	0.592	66.38	66.67	26.493	0		0
"2012-01-30	07:00:00"	6.81	213.8	10.39	9.95	4.949	217.3	12.49	7.561	35.31	34.55	0.758	68.36	68.84	26.482	0		0
"2012-01-30	08:00:00"	7.616	215.7	10.59	10.54	5.766	221.6	12.99	8.75	34.63	33.98	0.653	70.46	70.73	26.479	2.5108		0
"2012-01-30	09:00:00"	7.108	216.4	14.43	9.95	5.555	222.8	18.68	8.16	34.52	34.31	0.205	72.11	72.01	26.481	110.72		0
"2012-01-30	10:00:00"	7.621	232	14.5	11.74	6.632	234.7	16.95	11.14	38.16	38.5	-0.34	70.81	69.59	26.493	302.88		0
"2012-01-30	11:00:00"	9.59	210.2	10.73	15.91	8.12	212.3	13.38	12.93	44.43	45.22	-0.798	58.93	56.83	26.497	480.89		0
"2012-01-30	12:00:00"	9.59	220.3	15.38	16.51	8.28	222.6	17.06	14.12	51.74	52.66	-0.924	42.63	40.38	26.498	619.95		0
"2012-01-30	13:00:00"	11.87	210.6	13.35	17.7	10.05	212.5	15.67	17.1	57.14	58.16	-1.021	34.28	32.18	26.474	696.76		0
"2012-01-30	14:00:00"	14.15	218.4	14.87	21.87	11.94	219	17.21	20.09	60.62	61.53	-0.903	30.72	28.65	26.43	692.68		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-01-30	15:00:00"	15.33	215.6	13.98	26.05	13.15	215.4	15.49	23.07	64.22	64.96	-0.739	27.08	25.13	26.39	630.55	0	
"2012-01-30	16:00:00"	13.97	215.4	14.02	24.26	12.03	216.5	15.62	20.09	65.84	66.3	-0.458	25.62	23.91	26.372	371.79	0	
"2012-01-30	17:00:00"	15.48	194.7	11.74	24.86	13.03	195.3	14.22	20.68	66.15	66.3	-0.145	26.69	25.24	26.363	255.45	0	
"2012-01-30	18:00:00"	16.43	193.4	9.23	24.86	13.62	194.2	11.25	21.28	66.48	66.28	0.197	27.18	25.94	26.354	155.58	0	
"2012-01-30	19:00:00"	10.45	184.1	8.25	18.89	8.69	185.1	10.08	15.91	62.04	61.24	0.806	31.97	31.46	26.357	9.1774	0	
"2012-01-30	20:00:00"	10.45	189.2	9.39	20.09	8.11	189.7	11.46	14.72	56.86	56	0.858	37.73	37.48	26.367	0	0	
"2012-01-30	21:00:00"	9.27	197.4	13.45	15.91	6.963	198.8	16	12.93	53.43	52.66	0.768	45.17	44.83	26.382	0	0	
"2012-01-30	22:00:00"	7.604	198.3	9.16	11.74	5.529	200.7	11.48	9.35	50.03	49.22	0.805	55.83	55.81	26.389	0	0	
"2012-01-30	23:00:00"	8.02	201.4	10.33	12.33	5.477	205.2	13.42	9.95	48.26	47.09	1.168	59.74	60.53	26.389	0	0	
"2012-01-31	00:00:00"	8.81	205.6	10.78	14.72	6.548	207.7	13.98	11.14	46.1	45.34	0.753	67.03	67.09	26.391	0	0	
"2012-01-31	01:00:00"	7.171	202.4	11.27	10.54	5.096	207.3	14.5	8.16	44.29	43.49	0.802	74.43	74.4	26.392	0	0	
"2012-01-31	02:00:00"	7.626	204.8	10.85	11.14	5.583	208.9	12.83	8.16	42.97	42.28	0.693	81.3	81.2	26.389	0	0	
"2012-01-31	03:00:00"	5.998	225.8	14.27	9.35	4.624	236.4	15.82	7.561	40.62	40.14	0.479	85	84.9	26.393	0	0	
"2012-01-31	04:00:00"	6.897	237.9	10.98	9.35	5.192	245	13.71	7.561	39.69	39.05	0.638	88.5	88.4	26.395	0.16458	0	
"2012-01-31	05:00:00"	7.219	246.4	10.36	11.74	5.395	253.7	11.67	8.75	40.12	39.48	0.634	89	88.9	26.395	0.65198	0	
"2012-01-31	06:00:00"	6.214	245.9	8.42	8.75	4.342	253.6	9.89	6.964	40.14	39.18	0.96	89.1	88.8	26.396	0.7548	0	
"2012-01-31	07:00:00"	6.303	237.9	13.53	12.93	4.843	243.5	16.86	10.54	39.5	39.04	0.457	89	88.8	26.405	0.75163	0	
"2012-01-31	08:00:00"	6.357	256.9	7.745	8.16	4.79	263.4	9.02	6.964	39.49	38.95	0.535	89.2	88.8	26.42	4.7698	0	
"2012-01-31	09:00:00"	7.094	255.8	8.81	9.35	5.281	262.7	11.1	8.16	41.97	41.55	0.426	86.8	84.4	26.434	94.051	0	
"2012-01-31	10:00:00"	7.346	208	12.2	11.74	6.116	209.6	15.06	9.95	45.59	45.85	-0.26	75.36	74.88	26.448	307.86	0	
"2012-01-31	11:00:00"	9.92	208.4	10.62	14.72	8.5	210.7	13.53	13.52	52.21	52.85	-0.639	59.85	58.16	26.461	477.53	0	
"2012-01-31	12:00:00"	7.7	225.6	16.59	12.33	6.679	228.4	18.92	10.54	58.7	59.43	-0.731	45.96	43.96	26.464	572.5	0	
"2012-01-31	13:00:00"	11.94	253.6	21.76	25.45	10.12	256	25	21.28	66.13	67.26	-1.134	23.22	21.43	26.442	681.85	0	
"2012-01-31	14:00:00"	15.46	270.7	15.32	25.45	12.15	274.7	16.24	22.47	68.11	69.49	-1.38	16.31	14.46	26.414	697.83	0	
"2012-01-31	15:00:00"	12.43	259.9	19.2	27.24	10.13	263.6	22.01	24.26	68.72	69.92	-1.206	14.9	13.09	26.392	626.47	0	
"2012-01-31	16:00:00"	11.56	251	19.56	20.68	9.94	253.7	22.09	16.51	69.64	70.52	-0.876	14.18	12.48	26.381	513.91	0	
"2012-01-31	17:00:00"	11.22	236.6	14.89	19.49	9.54	239.4	17.68	17.7	69.91	70.27	-0.362	13.78	12.24	26.382	346.55	0	
"2012-01-31	18:00:00"	9.02	232.3	16.72	16.51	7.588	233.6	19.42	16.51	68.74	68.44	0.298	14.65	13.42	26.39	99.661	0	
"2012-01-31	19:00:00"	6.253	208.9	15.1	10.54	5.091	208.2	14.64	9.35	64.01	62.96	1.042	19.72	19.25	26.401	9.7293	0	
"2012-01-31	20:00:00"	3.005	224	12.42	8.75	2.647	236.4	21.69	6.368	60.41	58.92	1.498	22.73	22.89	26.418	0	0	
"2012-01-31	21:00:00"	5.12	264.4	28.12	12.33	3.487	279.9	29.87	8.16	58.78	56.05	2.735	23.97	25.51	26.435	0	0	
"2012-01-31	22:00:00"	9.85	301.3	7.099	11.74	5.253	319.2	8.81	6.964	57.37	49.76	7.605	24.97	32.05	26.444	0	0	
"2012-01-31	23:00:00"	10.85	301.4	6.305	17.7	5.028	308	8.72	8.75	53.24	50.66	2.577	29.01	31.12	26.45	0	0	
"2012-02-01	00:00:00"	12.21	307.2	6.934	17.1	6.655	313.1	9.17	12.93	51.48	49.65	1.831	30.05	31.15	26.456	0	0	
"2012-02-01	01:00:00"	15.54	310.4	6.377	21.87	9.39	314.3	8.67	15.91	50.34	49.36	0.983	29.13	29.1	26.462	0	0	
"2012-02-01	02:00:00"	11.15	315.4	10.91	17.1	7.289	318.7	11.96	12.33	48.75	47.79	0.965	29.83	30.01	26.473	0	0	
"2012-02-01	03:00:00"	9.24	329.7	14.2	16.51	6.011	330.3	18.86	11.74	50.71	49.43	1.278	27.17	28.15	26.483	0	0	
"2012-02-01	04:00:00"	6.472	336.9	27.57	9.95	3.857	341.6	30.78	7.561	48.93	46.77	2.162	28.76	31.34	26.47	0	0	
"2012-02-01	05:00:00"	9.64	313.3	5.083	13.52	5.162	318	9.14	10.54	45.1	41.71	3.391	33.07	37.43	26.466	0	0	
"2012-02-01	06:00:00"	11.26	326	6.064	15.91	6.873	328.3	8.7	11.74	45.17	42.4	2.766	32.03	34.81	26.48	0	0	
"2012-02-01	07:00:00"	10.71	326.4	5.374	14.12	6.631	326.8	7.518	9.35	44.96	42.29	2.663	32	34.56	26.498	0	0	
"2012-02-01	08:00:00"	11.64	329.6	6.213	15.31	8.04	331	8.14	11.74	42.89	41.13	1.765	34.18	35.43	26.525	2.9724	0	
"2012-02-01	09:00:00"	13.67	331.8	6.764	20.68	10.13	333.4	8.56	17.7	46.77	46.42	0.348	31.05	30.66	26.548	114.55	0	
"2012-02-01	10:00:00"	15.98	330.3	7.164	24.26	12.47	331.7	9.22	20.09	53.75	54.33	-0.576	27.64	26.16	26.563	309.32	0	
"2012-02-01	11:00:00"	18.8	320.5	8.37	27.24	13.86	323	10.22	20.68	58.79	59.88	-1.084	22.8	20.93	26.568	489.31	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-01	12:00:00"	19.3	332	10.49	27.84	15.1	333.2	11.68	24.86	61.96	63.47	-1.507	19.06	17.01	26.569	627.4	0	
"2012-02-01	13:00:00"	15.82	338.8	11.81	24.86	13.07	338.7	12.95	21.87	62.91	65	-2.089	18.35	16.01	26.557	706.75	0	
"2012-02-01	14:00:00"	12.94	342.5	18.69	22.47	10.54	342.6	18.52	19.49	64.14	66.32	-2.176	16.09	13.8	26.532	713.9	0	
"2012-02-01	15:00:00"	9.16	329.4	30.04	16.51	7.225	330.3	30.8	15.31	65.41	67.44	-2.037	13	10.93	26.515	638.8	0	
"2012-02-01	16:00:00"	7.964	349.8	26.88	17.1	6.7	351	29.38	15.31	65.61	67.69	-2.081	11.3	9.32	26.504	529.85	0	
"2012-02-01	17:00:00"	6.542	348.6	42.45	12.93	5.456	345.7	42.79	12.93	65.82	67.33	-1.508	10.43	8.67	26.492	358.36	0	
"2012-02-01	18:00:00"	5.343	25.52	15.49	9.95	4.561	25.72	16.59	8.75	65.04	65.86	-0.82	10.83	9.77	26.494	163.13	0	
"2012-02-01	19:00:00"	5.972	49.32	12.41	7.561	3.721	43.56	16.03	5.175	61.8	58.77	3.035	12.83	14.43	26.503	11.692	0	
"2012-02-01	20:00:00"	7.325	50.22	7.362	10.54	4.021	45.14	15.01	6.368	58.8	52.72	6.076	14.27	18.61	26.511	0	0	
"2012-02-01	21:00:00"	8.47	63.57	4.755	11.14	4.749	57.45	9.19	6.368	54.42	49.46	4.953	17.89	21.59	26.517	0	0	
"2012-02-01	22:00:00"	8.44	69.02	4.965	9.95	5.1	57.38	8.57	6.964	53.48	48.55	4.931	19.08	22.92	26.517	0	0	
"2012-02-01	23:00:00"	9.66	73.92	5.047	11.74	6.085	61.17	6.356	8.16	50.95	46.2	4.745	20.92	25.09	26.505	0	0	
"2012-02-02	00:00:00"	11.6	89.5	6.959	12.93	6.057	76.4	8.51	7.561	48.03	42.65	5.386	23.29	29.65	26.495	0	0	
"2012-02-02	01:00:00"	11.5	92.5	2.741	12.93	6.186	72.86	8.1	8.16	47.53	42.05	5.481	23.32	29.35	26.48	0	0	
"2012-02-02	02:00:00"	11.27	87.3	3.757	12.93	6.113	69.96	8.37	8.16	44.99	40.42	4.562	26.59	31.78	26.469	0	0	
"2012-02-02	03:00:00"	11.08	80.1	7.443	12.93	6.436	67.5	8.91	8.75	42.42	38.86	3.568	30.58	34.89	26.457	0	0	
"2012-02-02	04:00:00"	11.39	82.7	6.75	14.12	6.791	71.65	10.06	9.35	41.67	38.16	3.511	32.14	36.59	26.437	0	0	
"2012-02-02	05:00:00"	10.64	80.4	5.118	12.93	6.057	68.39	8.61	8.75	38.4	35.71	2.695	38.53	42.4	26.42	0	0	
"2012-02-02	06:00:00"	11.15	91.5	11.84	16.51	7.292	82.5	15.95	11.74	38.65	37.33	1.322	49.36	50.4	26.405	0	0	
"2012-02-02	07:00:00"	10.87	94.5	11.69	16.51	7.986	90.3	13.07	13.52	40.1	39.94	0.159	61.25	60.42	26.395	0	0	
"2012-02-02	08:00:00"	11.81	89.6	7.141	15.31	9	86.7	8.69	12.93	38.83	38.69	0.147	66.1	65.35	26.378	2.2683	0	
"2012-02-02	09:00:00"	14.32	101.9	8.63	20.09	11.46	100.7	10.37	17.7	40.86	41.45	-0.591	67.07	65.11	26.362	52.992	0	
"2012-02-02	10:00:00"	16.92	127.4	10.35	24.86	13.87	129	11.99	22.47	45.61	45.99	-0.378	69.55	67.73	26.355	119.06	0	
"2012-02-02	11:00:00"	17.96	148.3	10.76	28.43	15.18	148.9	10.58	24.86	50.61	50.81	-0.199	78.42	77.14	26.351	228.3	0	
"2012-02-02	12:00:00"	18.77	163	10.73	30.22	15.84	162	11.12	24.86	55.42	55.82	-0.406	74.23	71.73	26.328	402.73	0	
"2012-02-02	13:00:00"	20.29	174.5	8.73	27.24	16.76	173.4	10.83	24.86	59.95	60.32	-0.371	58.81	56.53	26.297	467.16	0	
"2012-02-02	14:00:00"	20.81	182.1	9.92	30.22	17.16	181.8	12.67	27.24	63.3	63.85	-0.544	48.28	45.79	26.265	621.64	0	
"2012-02-02	15:00:00"	20.34	177.8	9.39	29.03	16.81	177.4	12.18	25.45	65.33	66.06	-0.731	42.78	40.09	26.233	652.15	0	
"2012-02-02	16:00:00"	18.69	180.3	9.88	27.84	15.4	180	12.17	24.26	67.18	67.82	-0.639	36.23	34.19	26.211	531.44	0	
"2012-02-02	17:00:00"	16.62	188.4	12.23	24.86	13.62	188.7	14.42	21.87	68.24	68.57	-0.328	32.54	30.79	26.201	347.37	0	
"2012-02-02	18:00:00"	14.85	173	9.56	23.66	12.2	172.5	11.4	19.49	67.62	67.48	0.14	36.77	35.5	26.202	151.69	0	
"2012-02-02	19:00:00"	12.8	155.9	9.04	18.3	10.82	155.1	8.37	16.51	64.27	63.89	0.385	50.13	49.12	26.208	10.323	0	
"2012-02-02	20:00:00"	13.89	152.3	9.2	20.68	11.83	152.5	8.95	18.3	60.44	60.15	0.286	71.12	70.42	26.228	0	0	
"2012-02-02	21:00:00"	14.7	147.8	9.3	22.47	12.26	148.5	9.23	19.49	57.88	57.53	0.356	79.13	78.79	26.225	0	0	
"2012-02-02	22:00:00"	14.33	156.6	10.45	25.45	11.97	156.2	10.35	19.49	56.24	56.03	0.205	84.6	84.1	26.23	0	0	
"2012-02-02	23:00:00"	15.26	166.6	8.92	23.07	12.66	165.8	10.03	20.09	56.08	55.95	0.13	86.5	86	26.235	0	0	
"2012-02-03	00:00:00"	18.87	170.5	7.515	27.84	15.46	169.7	9.37	23.66	56.69	56.61	0.078	86.2	85.6	26.239	0	0	
"2012-02-03	01:00:00"	21.67	176.1	6.537	30.82	17.6	175.3	9	25.45	57.38	57.29	0.095	84.7	84.1	26.234	0	0	
"2012-02-03	02:00:00"	20.73	178.5	6.895	29.03	16.93	178.1	9.31	26.05	57.88	57.79	0.09	84.7	84.1	26.234	0	0	
"2012-02-03	03:00:00"	13.35	192.6	11.07	20.68	11.56	193.6	13.41	18.89	57.62	57.55	0.069	84.5	83.9	26.244	0	0	
"2012-02-03	04:00:00"	12.6	191.3	8.48	18.89	10.41	192.5	10.35	16.51	56.48	56.35	0.137	85.7	85.3	26.249	0	0	
"2012-02-03	05:00:00"	11.87	201.6	11.56	20.09	9.7	202.8	14.35	17.1	54.98	54.94	0.044	86.3	85.7	26.262	0	0	
"2012-02-03	06:00:00"	10.37	241.4	21.7	16.51	8.48	245.9	24.61	13.52	52.78	52.71	0.069	86.1	85.4	26.279	0	0	
"2012-02-03	07:00:00"	7.492	264	9.56	12.33	5.692	266.6	11.41	9.95	49.64	48.97	0.667	86.2	86.5	26.295	0	0	
"2012-02-03	08:00:00"	4.629	265	11.74	6.964	2.699	266.9	27.53	5.175	46.27	44.57	1.699	87.3	88.7	26.31	2.6724	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-03	09:00:00"	5.457	288.2	20.43	16.51	3.699	305.7	14.28	12.33	41.84	41.31	0.523	88.2	89.3	26.328	104.09	0	
"2012-02-03	10:00:00"	11.24	325.9	10.8	17.1	8.6	328.4	11.6	15.31	44.65	45.51	-0.859	73.87	67.68	26.371	296.2	0	
"2012-02-03	11:00:00"	14.2	321.6	11.03	21.28	10.49	323.9	12.43	18.3	51.8	53.19	-1.386	32.48	30.95	26.398	482.09	0	
"2012-02-03	12:00:00"	15.47	325.3	12.06	23.07	11.99	327.1	12.8	18.89	53.73	55.71	-1.984	31.79	29.13	26.406	630.8	0	
"2012-02-03	13:00:00"	15.91	316.2	16.14	24.86	11.46	318.5	17.12	20.09	55.57	57.82	-2.251	31.05	28.01	26.399	705.36	0	
"2012-02-03	14:00:00"	16.97	303.6	12.41	27.84	10.75	306.9	14.26	21.28	58.17	60.25	-2.074	23.57	20.9	26.381	714.05	0	
"2012-02-03	15:00:00"	15.41	313.2	15.55	26.05	10.75	316.2	16.12	20.68	59.55	61.67	-2.126	23.82	21.05	26.368	635.31	0	
"2012-02-03	16:00:00"	12.3	308.9	20.37	21.87	8.6	311.3	21.34	18.3	61.21	63	-1.796	16.76	14.57	26.374	532.17	0	
"2012-02-03	17:00:00"	10.12	294.1	15.56	17.7	6.916	297.8	16.87	14.72	60.91	62.01	-1.105	16.06	14.19	26.386	327.41	0	
"2012-02-03	18:00:00"	9.45	312.4	24.78	15.31	6.618	314.1	24.31	12.93	59.91	59.96	-0.051	17.26	16.03	26.406	142.96	0	
"2012-02-03	19:00:00"	6.782	1.81	14.91	11.74	5.357	359	17.35	8.16	53.83	51.95	1.881	23.15	23.78	26.424	6.299	0	
"2012-02-03	20:00:00"	11.74	33.65	10.22	17.7	8.98	34.74	11.02	14.72	49.83	49.08	0.754	36.47	35.86	26.45	0	0	
"2012-02-03	21:00:00"	16.11	37.66	10.76	27.84	12.85	38.82	12.39	23.66	47.66	47.34	0.326	48.15	47.07	26.467	0	0	
"2012-02-03	22:00:00"	19.05	36.69	8.56	27.24	15.29	38.18	10.05	24.26	45.39	45.05	0.335	56.49	55.64	26.482	0	0	
"2012-02-03	23:00:00"	17.39	34.22	8.48	24.86	14.15	35.63	10.11	20.68	43.35	42.88	0.467	62.89	62.5	26.506	0	0	
"2012-02-04	00:00:00"	17.31	34.64	7.181	24.26	14.01	35.77	9.2	21.28	41.34	41.07	0.274	65.26	64.56	26.526	0	0	
"2012-02-04	01:00:00"	17.44	35.08	7.896	26.05	13.91	36.17	9.81	22.47	39.09	38.78	0.308	64.94	64.35	26.55	0	0	
"2012-02-04	02:00:00"	20.47	25.38	6.556	28.43	17.02	26.57	9.79	24.86	36.7	36.88	-0.179	61.62	60.57	26.554	0	0	
"2012-02-04	03:00:00"	20.71	24.3	6.265	27.84	17.1	25.67	10.07	24.86	35.69	36.39	-0.701	60.25	58.49	26.559	0	0	
"2012-02-04	04:00:00"	21.79	20.82	5.705	30.22	18.01	22.22	9.93	26.05	35.47	36.16	-0.693	59.04	57.35	26.554	0	0	
"2012-02-04	05:00:00"	23.51	19.29	6.189	32.01	19.2	19.86	10.68	28.43	35.55	36.48	-0.926	57.21	55.19	26.554	0	0	
"2012-02-04	06:00:00"	19.55	25.21	6.703	27.84	16.17	26.59	10.22	24.26	34.92	35.36	-0.436	58.43	56.84	26.577	0	0	
"2012-02-04	07:00:00"	16.08	24.61	8.15	24.26	13.07	25.51	12.09	22.47	34.7	34.88	-0.174	58.38	57.11	26.596	0	0	
"2012-02-04	08:00:00"	13.12	10.35	9.21	20.09	10.55	8.21	13.24	18.89	34.36	34.34	0.023	58.54	57.58	26.63	1.406	0	
"2012-02-04	09:00:00"	14.47	14.95	7.198	20.68	11.62	13.83	12.25	17.7	34.72	34.83	-0.11	58	56.84	26.654	54.939	0	
"2012-02-04	10:00:00"	19.55	19.87	7.978	29.63	15.98	20.15	13.76	25.45	36.62	37.93	-1.313	54.74	51.82	26.677	266.22	0	
"2012-02-04	11:00:00"	18	26.16	10.77	27.24	14.9	26.47	13.99	21.87	38.36	39.89	-1.528	51.12	47.67	26.693	363	0	
"2012-02-04	12:00:00"	16.11	36.29	11.35	24.86	13.31	36.94	13.35	23.07	42.04	44.15	-2.116	44.61	40.45	26.693	592.92	0	
"2012-02-04	13:00:00"	15.2	32.21	12.22	23.66	12.73	32.72	14.9	21.87	44.04	46.58	-2.546	40.83	36.72	26.682	573.5	0	
"2012-02-04	14:00:00"	14.59	33.74	14.14	23.66	12.41	34.94	16.73	19.49	45.65	48.11	-2.458	38.79	35.02	26.65	514.86	0	
"2012-02-04	15:00:00"	14.09	39.94	15.42	22.47	11.92	41.36	16.99	19.49	47.67	50.52	-2.85	36.98	32.91	26.63	636.95	0	
"2012-02-04	16:00:00"	14.81	32.28	12.5	22.47	12.62	32.83	14.46	19.49	47.97	50.49	-2.514	36.53	32.72	26.622	460.64	0	
"2012-02-04	17:00:00"	15.46	32.05	11.03	22.47	12.92	32.99	13.82	21.28	47.7	49.21	-1.514	36.83	34	26.625	221.99	0	
"2012-02-04	18:00:00"	15.67	35.76	8.96	22.47	12.85	37.14	10.79	18.89	46.94	47.76	-0.821	38.12	35.97	26.632	109.37	0	
"2012-02-04	19:00:00"	12.92	42.34	10.34	21.28	10.24	43.08	11.39	20.68	45.17	45.28	-0.11	40.58	39.01	26.646	13.009	0	
"2012-02-04	20:00:00"	9.24	49.52	8.26	14.12	6.947	50.68	9.24	11.74	42.1	41.88	0.219	45.59	44.38	26.662	0	0	
"2012-02-04	21:00:00"	10.12	46.84	8.4	14.12	7.845	47.44	9.4	11.74	40.15	39.87	0.277	49.54	48.48	26.681	0	0	
"2012-02-04	22:00:00"	11.01	47.59	8.34	15.91	8.61	49	9.66	13.52	38.14	38.03	0.11	54.38	53.18	26.701	0	0	
"2012-02-04	23:00:00"	10.71	45.73	9.19	15.91	8.3	46.55	10.62	13.52	36.47	36.4	0.07	58.43	57.2	26.71	0	0	
"2012-02-05	00:00:00"	9.32	34.47	10.52	13.52	7.311	34.52	12.43	11.14	34.48	34.37	0.112	62.66	61.62	26.722	0	0	
"2012-02-05	01:00:00"	10.73	31.09	7.863	17.1	8.88	31.68	9.71	14.72	35.32	35.42	-0.099	63.29	62.06	26.727	0	0	
"2012-02-05	02:00:00"	13.18	30.89	7.708	18.3	10.85	31.37	9.98	15.91	35.62	35.76	-0.132	62.96	61.66	26.721	0	0	
"2012-02-05	03:00:00"	9.94	33.3	8.39	15.31	8.28	34.3	9.68	13.52	34.09	34.38	-0.294	65.26	63.65	26.72	0	0	
"2012-02-05	04:00:00"	9.09	21.35	10.97	12.33	7.131	20	15.37	10.54	31.94	31.93	0.013	68.66	67.32	26.712	0	0	
"2012-02-05	05:00:00"	7.835	6.702	7.974	11.14	5.955	3.457	10.42	8.16	29.67	29.82	-0.152	72.97	71.33	26.709	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-05	06:00:00"	10.98	19.11	7.517	15.91	8.62	18.87	12.27	13.52	28.09	28.13	-0.036	75.79	74.33	26.701	0
"2012-02-05	07:00:00"	10.88	22.33	6.632	15.31	8.85	22.63	10.56	14.12	28.83	28.86	-0.03	75.4	74.35	26.704	0
"2012-02-05	08:00:00"	10.22	21.62	6.187	14.72	8.43	22.25	10.69	13.52	29.36	29.44	-0.083	74.74	73.64	26.719	3.4024
"2012-02-05	09:00:00"	9.02	17.68	7.636	15.31	7.427	17.31	11.8	13.52	30.18	30.74	-0.57	73.77	71.64	26.745	109.27
"2012-02-05	10:00:00"	12.39	23.4	9.78	17.1	10.44	24.35	13.64	15.31	33.01	34.49	-1.478	66.67	63.33	26.751	296.97
"2012-02-05	11:00:00"	12.24	37.82	12.27	18.89	10.38	38.97	13.99	18.89	36.2	38.12	-1.92	55.5	51.48	26.764	361.53
"2012-02-05	12:00:00"	11.18	39.93	14.97	17.1	9.54	40.98	16.22	15.91	38.23	40.61	-2.383	45.64	41.3	26.763	421.66
"2012-02-05	13:00:00"	7.815	64.75	29.14	15.31	7.148	64.13	31.57	14.72	40.32	43.27	-2.944	38.82	34.81	26.749	576.26
"2012-02-05	14:00:00"	7.927	80.6	26.79	14.12	7.254	79.3	29.72	13.52	42.8	44.96	-2.158	34.25	31.11	26.718	560.4
"2012-02-05	15:00:00"	6.508	79.74	27.78	15.91	5.902	76.85	33.3	15.31	43.35	45.77	-2.421	32.44	29.39	26.694	486.38
"2012-02-05	16:00:00"	7.279	75.52	26.26	12.93	6.38	75.85	29.83	12.33	44.63	47.32	-2.697	30.16	26.89	26.672	513.92
"2012-02-05	17:00:00"	7.727	66.75	21.01	13.52	6.757	66.17	22.02	11.74	45.04	46.84	-1.805	30.13	27.38	26.659	191.58
"2012-02-05	18:00:00"	7.221	77.13	12.61	11.74	6.167	75.9	13.13	9.35	45.07	46.28	-1.212	29.49	27.48	26.65	76.536
"2012-02-05	19:00:00"	7.165	80	6.79	10.54	5.19	77.29	9.08	8.75	44.19	44.32	-0.133	28.96	28.13	26.646	11.468
"2012-02-05	20:00:00"	8.08	87.1	4.15	9.35	4.042	74.56	10.13	5.175	41.31	38.61	2.703	32.15	34.49	26.639	0
"2012-02-05	21:00:00"	7.395	105.5	13.91	9.95	3.783	94.5	24.44	5.175	39.09	36.17	2.92	35.41	38.26	26.645	0
"2012-02-05	22:00:00"	7.669	132.4	6.51	9.95	4.245	124.7	8.18	5.771	37.63	35.02	2.609	39.41	42.37	26.646	0
"2012-02-05	23:00:00"	5.825	141.3	6.752	7.561	3.342	124.3	14.86	5.175	37.02	35.19	1.831	42.25	44.2	26.644	0
"2012-02-06	00:00:00"	4.032	142.5	9.75	6.368	2.068	82.6	46.69	3.982	36.72	35.18	1.537	43.5	44.98	26.642	0
"2012-02-06	01:00:00"	2.922	155.2	8.42	3.982	1	89.7	54.95	1	36.64	35.44	1.2	44.16	44.83	26.646	0
"2012-02-06	02:00:00"	5.608	110	16.97	8.16	3.243	74.89	12.27	5.175	35.86	33.9	1.964	45.78	52.2	26.644	0
"2012-02-06	03:00:00"	6.826	98.2	9.93	9.95	4.735	86.9	15.63	6.964	34.72	35.15	-0.437	50.89	52.87	26.636	0
"2012-02-06	04:00:00"	6.681	98.6	5.266	8.75	4.481	89.2	7.036	5.771	35.29	36.29	-1.008	52.8	52.79	26.626	0
"2012-02-06	05:00:00"	7.715	92.4	4.992	9.35	4.527	77.89	9.23	6.368	34.47	32.76	1.707	53.74	58.02	26.611	0
"2012-02-06	06:00:00"	6.918	81	5.092	8.16	4.311	64.55	10.04	5.771	33.66	32.1	1.558	57.98	60.2	26.602	0
"2012-02-06	07:00:00"	7.013	88	9.11	9.95	5.073	82.2	12.06	8.16	33.49	34	-0.516	61.03	61.15	26.603	0
"2012-02-06	08:00:00"	7.112	103	6.807	9.95	5.299	99	8.07	8.16	33.66	35.22	-1.557	62.38	60.29	26.604	1.8385
"2012-02-06	09:00:00"	7.306	115.5	9.1	11.14	6.025	115.6	11.82	9.95	35.08	36	-0.917	61.38	59.21	26.613	39.458
"2012-02-06	10:00:00"	11.25	138.8	8.75	15.31	9.4	140	9.55	12.93	37.7	38.09	-0.391	54.71	52.76	26.614	136.76
"2012-02-06	11:00:00"	13.12	146.9	10.68	19.49	11.15	148.1	10.64	16.51	40.11	40.65	-0.539	47.69	45.27	26.606	287.76
"2012-02-06	12:00:00"	14.15	150.9	14	20.09	12.04	151.4	14.84	17.7	42.86	43.69	-0.836	39.95	37.53	26.593	548.88
"2012-02-06	13:00:00"	12.6	157.5	15.76	20.09	10.91	157.2	16.34	17.7	44	46.39	-2.386	38.28	34.67	26.564	689.1
"2012-02-06	14:00:00"	10.88	167.3	19.2	19.49	9.45	167.3	20.97	17.1	45.86	48.35	-2.485	35.99	32.39	26.527	701.63
"2012-02-06	15:00:00"	11.42	155.7	19.65	18.89	9.84	155.8	21.09	16.51	47.87	50.36	-2.484	34.31	30.8	26.492	627.03
"2012-02-06	16:00:00"	12.17	157.9	17.79	18.89	10.32	158.5	18.38	17.1	49.87	52.05	-2.179	34.22	30.91	26.469	519.02
"2012-02-06	17:00:00"	11.78	158.2	15.78	19.49	10.08	157.9	15.71	17.7	51.11	52.61	-1.506	34.67	31.94	26.454	316.57
"2012-02-06	18:00:00"	13.68	172.6	8.26	19.49	11.33	171.2	9.78	17.1	51.37	52.18	-0.808	35.18	33.17	26.441	140.73
"2012-02-06	19:00:00"	9.44	168.1	8.15	16.51	7.685	165.7	9.48	14.12	49.19	49.23	-0.041	37.79	36.59	26.436	10.56
"2012-02-06	20:00:00"	7.655	152.1	7.709	11.74	5.928	149.6	8.54	9.35	46.35	45.95	0.4	42.78	41.93	26.437	0
"2012-02-06	21:00:00"	8.18	134.8	6.893	11.14	5.42	127.6	8.45	8.75	43.67	42.42	1.249	48.92	49.39	26.441	0
"2012-02-06	22:00:00"	10	137.1	6.619	13.52	7.371	135.1	8.31	10.54	42.41	41.55	0.859	52.16	52.47	26.447	0
"2012-02-06	23:00:00"	10.13	147.8	8.86	15.31	8.14	148.2	8.91	13.52	41.52	41.23	0.291	53.73	53.15	26.439	0
"2012-02-07	00:00:00"	8.29	144.8	7.796	11.74	6.377	144.6	7.737	9.95	40.72	40.34	0.381	55.85	55.42	26.44	0
"2012-02-07	01:00:00"	7.595	136.7	6.937	11.14	5.654	135.1	7.802	8.75	39.36	38.99	0.366	60.25	59.8	26.435	0
"2012-02-07	02:00:00"	6.835	128.7	7.395	9.35	4.103	122.3	10.77	6.368	37.16	36.23	0.933	64.68	65.17	26.432	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-07	03:00:00"	5.577	102	15.23	6.964	3.138	78.91	29.38	5.175	35.21	33.62	1.588	68.63	69.62	26.427	0	0
"2012-02-07	04:00:00"	6.575	40.55	22.56	9.35	4.736	29.92	20.14	7.561	32.54	31.43	1.104	72.73	72.69	26.428	0	0
"2012-02-07	05:00:00"	7.621	23.07	6.437	9.95	5.685	25.93	9.02	8.16	28.71	28.68	0.03	76.83	75.35	26.429	0	0
"2012-02-07	06:00:00"	8.74	17.96	6.75	12.33	6.733	18.42	11.33	11.14	29.7	29.74	-0.033	77.86	76.74	26.444	0	0
"2012-02-07	07:00:00"	8.18	26.58	14.03	11.14	6.544	27.47	15.73	9.35	30.88	31.03	-0.152	77.55	76.25	26.472	0	0
"2012-02-07	08:00:00"	8.38	18.94	10.5	12.93	6.651	19.2	14.33	11.74	31.26	31.46	-0.202	76.91	75.5	26.496	2.2723	0
"2012-02-07	09:00:00"	12.21	6.973	10	21.87	9.7	4.679	12.64	20.09	33.19	33.46	-0.272	74.82	73.62	26.526	57.543	0
"2012-02-07	10:00:00"	20.82	11.36	9.43	30.82	16.82	9.11	15.36	27.24	36.67	37.99	-1.312	64.96	62.61	26.548	193.4	0
"2012-02-07	11:00:00"	25.54	20.18	7.918	33.8	20.91	20.53	12.82	29.63	38.85	41.77	-2.92	60.42	55.21	26.573	290.45	0
"2012-02-07	12:00:00"	23.9	25.56	8.24	32.61	19.99	26.38	11.82	28.43	40.96	43.93	-2.973	58.08	52.73	26.606	426.69	0
"2012-02-07	13:00:00"	22.99	27.15	9.03	32.61	19.1	28.14	12.22	27.24	44.35	47.82	-3.468	52.4	46.42	26.617	660.36	0
"2012-02-07	14:00:00"	22.22	27.14	9.3	31.42	18.55	27.69	12.63	27.84	46.45	49.93	-3.481	48.28	42.3	26.611	593.41	0
"2012-02-07	15:00:00"	19.51	34.46	11.42	27.84	16.47	35.51	13.52	25.45	48.05	51.31	-3.259	43.97	38.57	26.61	607.42	0
"2012-02-07	16:00:00"	18.48	30.54	12.05	30.22	15.5	31.14	15.07	25.45	48.67	51.68	-3.005	41.03	36.52	26.611	500.65	0
"2012-02-07	17:00:00"	16.59	35.65	11.27	23.66	14.03	36.51	13.05	22.47	47.9	50.31	-2.405	41.44	37.35	26.624	347.56	0
"2012-02-07	18:00:00"	16.57	35.94	8.83	23.66	13.91	36.63	10.49	21.28	46.67	47.85	-1.176	42.7	39.81	26.642	130.19	0
"2012-02-07	19:00:00"	14.3	30.13	6.585	22.47	11.89	31.14	9	19.49	42.02	42.5	-0.479	48.71	46.59	26.668	7.7664	0
"2012-02-07	20:00:00"	14.66	33.23	7.642	21.28	12.23	34.47	9.37	19.49	39.57	39.97	-0.407	52.24	49.32	26.693	0	0
"2012-02-07	21:00:00"	15.45	32.91	7.011	21.87	12.85	33.74	8.95	20.09	36.28	36.33	-0.048	57.25	54.78	26.719	0	0
"2012-02-07	22:00:00"	14.46	37.8	7.21	20.09	12.01	38.55	8.56	18.3	32.86	32.84	0.018	62.62	60.24	26.739	0	0
"2012-02-07	23:00:00"	15.25	39.99	6.653	20.68	12.55	40.61	8.36	18.89	30.49	30.5	-0.015	66.98	64.81	26.744	0	0
"2012-02-08	00:00:00"	15.39	40.08	6.964	20.68	12.7	41.02	8.66	17.7	28.87	28.88	-0.017	69.74	67.6	26.744	0	0
"2012-02-08	01:00:00"	14.01	45.01	8.24	20.09	11.34	46.5	9.74	19.49	27.88	27.85	0.027	71.42	69.57	26.743	0	0
"2012-02-08	02:00:00"	13.82	35.93	6.736	18.89	11.38	36.79	8.57	18.3	26.63	26.57	0.06	72.53	70.75	26.735	0	0
"2012-02-08	03:00:00"	12.35	35.59	7.23	17.1	10.09	36.13	9.04	14.12	25.15	25.09	0.067	73.38	71.55	26.734	0	0
"2012-02-08	04:00:00"	11	31.77	6.376	15.91	8.91	32.17	8.39	13.52	23.97	23.83	0.134	74.29	72.57	26.728	0	0
"2012-02-08	05:00:00"	10.39	34.53	7.372	14.72	8.35	35.57	9.15	12.93	23.01	22.85	0.161	75.24	73.61	26.722	0.00115	0
"2012-02-08	06:00:00"	6.661	336.9	28.22	10.54	4.506	335.6	29.02	9.35	22.63	21.94	0.689	75.89	74.01	26.743	0.00096	0
"2012-02-08	07:00:00"	6.898	326.2	5.973	8.75	3.939	328.4	8.45	6.368	21.43	19.9	1.523	75.49	73.88	26.746	0.00835	0
"2012-02-08	08:00:00"	6.558	331.2	8.9	9.95	4.208	335.6	9.85	6.964	20.21	19.41	0.796	75.88	75.75	26.747	5.0783	0
"2012-02-08	09:00:00"	2.982	345.6	23.59	5.175	2.64	345.9	23.43	5.175	23.01	22.74	0.279	77.5	78.02	26.754	120.7	0
"2012-02-08	10:00:00"	4.076	98.2	41.71	9.35	4.067	101.3	44.71	8.75	30.04	30.31	-0.273	73.23	71.25	26.759	306.48	0
"2012-02-08	11:00:00"	6.724	141	25.12	12.33	5.994	142.3	27.17	12.93	33.65	34.71	-1.062	56.43	53.62	26.762	476.43	0
"2012-02-08	12:00:00"	7.288	169.4	21.41	13.52	6.609	168.5	24.9	11.74	36.3	38.12	-1.821	48.84	44.82	26.756	609.37	0
"2012-02-08	13:00:00"	7.194	176.8	23.09	12.33	6.487	178.6	27.43	11.74	39.36	41.56	-2.193	44.89	40	26.73	682.12	0
"2012-02-08	14:00:00"	6.673	177.5	27.43	12.33	6.157	178.1	32.57	11.74	43.33	45.59	-2.263	41.22	36.85	26.688	691.68	0
"2012-02-08	15:00:00"	7.731	178.8	24.47	14.72	6.858	177.9	27.31	13.52	45.75	48.18	-2.43	39.82	35.61	26.649	529.53	0
"2012-02-08	16:00:00"	8.55	176.9	21.15	14.72	7.529	176.2	22.32	12.93	46.83	49.03	-2.197	39.84	35.85	26.619	471.44	0
"2012-02-08	17:00:00"	7.656	162.9	17.94	12.93	6.644	162	20.6	11.14	47.79	50.18	-2.394	40.52	36.1	26.599	351.45	0
"2012-02-08	18:00:00"	9.43	173.6	12.7	14.12	8.08	172.5	14.84	12.33	47.68	49.48	-1.804	42.79	38.53	26.584	162.23	0
"2012-02-08	19:00:00"	7.169	191.1	10.3	11.74	5.931	190.9	11.15	10.54	45.42	46.03	-0.611	45.34	42.52	26.575	16.972	0
"2012-02-08	20:00:00"	7.748	184.7	12.96	13.52	6.175	180.8	14.14	11.14	41.72	41.62	0.095	50.3	48.59	26.575	0	0
"2012-02-08	21:00:00"	8.28	172.6	12.59	12.93	6.578	171.3	14.63	11.14	39.35	39.3	0.051	53.66	52.22	26.579	0	0
"2012-02-08	22:00:00"	6.957	163.3	9.59	11.14	5.38	163.1	11.25	8.16	37.97	37.64	0.328	58.01	56.7	26.589	0	0
"2012-02-08	23:00:00"	7.736	167.4	9.36	12.33	6.242	164.4	10.75	9.95	37.05	36.71	0.343	60.92	59.94	26.588	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-09	00:00:00"	8.33	173.7	6.4	12.33	6.667	170.4	8.28	9.95	36.2	35.99	0.21	62.6	61.55	26.579	0
"2012-02-09	01:00:00"	8.18	175.7	5.599	11.74	6.444	171.8	7.18	9.35	35.36	34.99	0.372	66.29	65.01	26.564	0
"2012-02-09	02:00:00"	6.836	187.3	8.47	9.95	5.093	188.2	10.77	8.75	34.4	34.04	0.36	68.86	67.56	26.548	0
"2012-02-09	03:00:00"	6.344	204	8.73	9.35	4.606	207.7	11.35	7.561	33.63	33.11	0.514	71.82	70.85	26.539	0
"2012-02-09	04:00:00"	7.009	210.7	11.48	10.54	5.372	212.6	12.05	8.75	33.47	33.03	0.439	74.17	73.44	26.525	0
"2012-02-09	05:00:00"	6.489	217	10.62	9.35	5.29	220.7	10.58	8.16	33.19	32.81	0.374	75.3	74.62	26.507	0
"2012-02-09	06:00:00"	6.089	212.2	11.18	8.16	4.47	214.5	12.62	6.964	33.4	32.84	0.551	76.26	75.3	26.494	0
"2012-02-09	07:00:00"	6.151	196.5	8.31	8.16	4.401	196.6	11.42	6.964	32.83	32.07	0.757	76.89	76.04	26.481	0
"2012-02-09	08:00:00"	5.103	189.6	6.958	6.964	3.515	192.8	10.76	5.175	32.37	31.76	0.614	80.6	80.1	26.479	5.0897
"2012-02-09	09:00:00"	4.28	221	21.9	6.368	3.543	226.2	23.29	6.368	33.02	33.09	-0.064	81.3	80.4	26.496	118.62
"2012-02-09	10:00:00"	10.2	181.3	8.38	15.91	8.58	180.3	10.39	13.52	37.87	38.2	-0.329	72.33	70.14	26.493	254.42
"2012-02-09	11:00:00"	8.74	228.9	42.53	14.72	7.141	231.3	45.59	12.33	43.08	43.83	-0.749	59.66	57.11	26.509	274.55
"2012-02-09	12:00:00"	5.414	248.1	49.89	11.74	4.396	249.8	54.37	9.95	44.97	46.15	-1.18	56.1	52.89	26.512	437.84
"2012-02-09	13:00:00"	3.78	208.7	26.58	9.35	4.535	209.7	31.27	8.75	50.61	52.06	-1.443	47.49	44.05	26.481	613.74
"2012-02-09	14:00:00"	2.499	203.9	27.8	8.75	4.274	208.8	32.99	7.561	53.97	55.08	-1.113	41.38	38.61	26.447	325.6
"2012-02-09	15:00:00"	1.19	182.5	42.52	5.771	2.869	188	48.37	6.368	55.88	56.76	-0.879	39.11	36.95	26.416	310.57
"2012-02-09	16:00:00"	1.949	171	41.44	11.14	3.707	174.3	40.17	10.54	56.92	57.56	-0.642	38	36.1	26.401	207.35
"2012-02-09	17:00:00"	13.28	157.6	12.24	20.09	11.34	157.3	12.13	17.7	55.53	55.97	-0.435	41.22	40.01	26.362	118.37
"2012-02-09	18:00:00"	9.88	140.6	11.83	20.09	8.38	141.7	12.78	17.1	56.31	57.11	-0.805	39.68	37.73	26.359	192.23
"2012-02-09	19:00:00"	1.002	198.7	18.55	3.982	4.42	199.3	20.05	6.964	55.51	55.31	0.201	41.9	40.89	26.391	20.277
"2012-02-09	20:00:00"	1	195.3	24.09	1	2.676	198.5	39.63	5.175	52.62	51.64	0.982	45.93	46.05	26.389	0
"2012-02-09	21:00:00"	1.716	186.8	15.97	8.16	2.687	173.7	24.3	5.175	50.43	49.01	1.425	49.27	50.28	26.403	0
"2012-02-09	22:00:00"	12.01	359.7	84.3	28.43	10.27	359.2	74.7	24.86	48.3	48.71	-0.411	56.19	54.74	26.446	0
"2012-02-09	23:00:00"	19.67	29.08	6.598	29.03	16.39	30.23	9.44	26.05	41.66	43.19	-1.528	70.75	67.67	26.483	0
"2012-02-10	00:00:00"	18.92	30.48	7.317	28.43	15.9	31.94	9.38	27.24	38.61	39.94	-1.328	70.02	67.3	26.494	0
"2012-02-10	01:00:00"	15.88	31.71	6.463	23.07	13.18	33.27	8.44	20.09	37.14	37.68	-0.54	72.2	70.83	26.512	0
"2012-02-10	02:00:00"	10.63	22.56	8.65	18.89	10.71	23.22	12.36	17.1	37.25	37.48	-0.228	73.35	72.3	26.528	0
"2012-02-10	03:00:00"	12.84	17.58	6.898	17.7	10.45	17.08	11.48	17.1	38.21	38.47	-0.258	71.38	70.18	26.53	0
"2012-02-10	04:00:00"	11.77	17.83	7.174	17.1	9.49	17.47	12.21	14.12	39.4	39.49	-0.09	67.07	66.21	26.537	0
"2012-02-10	05:00:00"	9.05	20.71	8.75	13.52	6.437	14.73	15.6	11.74	37.66	36.91	0.749	68.81	68.22	26.542	0
"2012-02-10	06:00:00"	9.97	352.3	12.58	11.74	5.742	347.9	10.77	8.16	35.13	32.15	2.973	73.47	75.81	26.553	0
"2012-02-10	07:00:00"	10.13	330.7	4.946	11.74	5.923	334.6	7.139	8.16	33.8	30.86	2.941	75.26	78.88	26.571	0
"2012-02-10	08:00:00"	9.37	333.4	8.63	12.33	6.127	335.3	10.14	9.35	32.72	31.19	1.524	77.72	79.75	26.583	6.4623
"2012-02-10	09:00:00"	7.244	295.7	12.54	11.14	4.572	298.2	14.64	8.75	31.76	31.89	-0.131	78.48	78.4	26.616	136.52
"2012-02-10	10:00:00"	9.33	313.3	10.24	13.52	6.689	315.9	12.04	11.14	37.36	38.82	-1.464	71.12	66.67	26.636	328.59
"2012-02-10	11:00:00"	8.67	328.4	20.23	13.52	6.808	329.4	19.8	11.74	44.17	45.63	-1.465	54.61	50.66	26.647	508.75
"2012-02-10	12:00:00"	4.634	14.88	40.32	12.93	5.218	15.26	45.11	12.33	50.5	52.63	-2.124	32.8	30.14	26.648	645.81
"2012-02-10	13:00:00"	3.558	55.06	73.26	10.54	4.703	62.13	78.54	11.14	49.56	52.48	-2.923	32.04	28.51	26.623	723.48
"2012-02-10	14:00:00"	1.643	185.8	75.19	6.964	4.626	185.6	77.88	9.95	51.05	53.29	-2.242	30.78	27.76	26.597	729.5
"2012-02-10	15:00:00"	2.893	197.6	62.3	11.74	4.332	196.8	66.2	11.74	52.4	54.49	-2.099	29.14	26.25	26.574	651.9
"2012-02-10	16:00:00"	4.577	191.4	50.51	12.33	4.931	192.1	52.15	11.74	53.33	55.27	-1.948	27.32	24.58	26.556	546.12
"2012-02-10	17:00:00"	3.758	198.2	52.82	9.95	4.041	198.2	62.43	9.35	53.75	55.15	-1.4	26.62	24.25	26.546	379.42
"2012-02-10	18:00:00"	3.669	200.1	56.53	8.16	3.686	203.1	59.78	6.964	56.42	58.6	-2.182	24.31	21.28	26.539	185.67
"2012-02-10	19:00:00"	3.35	155.1	14.29	11.14	5.758	154.9	15.02	9.95	52.86	53.88	-1.019	26.78	24.5	26.537	20.448
"2012-02-10	20:00:00"	1.114	153.7	7.849	7.561	6.043	152.1	7.507	9.35	48.48	48.09	0.386	31.44	30.4	26.547	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-10	21:00:00"	1.213	148.1	8.49	9.35	6.5	147.9	8.3	9.95	47.34	46.56	0.776	32.91	32.46	26.555	0
"2012-02-10	22:00:00"	6.314	133.2	10.91	12.93	6.582	133.7	12.03	9.35	46.02	44.79	1.224	34.38	34.74	26.566	0
"2012-02-10	23:00:00"	10.98	134.2	7.982	14.72	8.16	134.9	9.21	11.74	43.21	42.3	0.912	39.73	39.8	26.579	0
"2012-02-11	00:00:00"	12.16	124.8	6.565	17.7	9.06	125.6	8.72	14.12	41.18	40.99	0.195	43.5	42.7	26.592	0
"2012-02-11	01:00:00"	11.02	115.8	6.676	14.72	8.29	114.8	8.67	12.33	37.67	37.95	-0.281	51.24	49.98	26.595	0
"2012-02-11	02:00:00"	10.64	120.3	7.092	14.72	7.919	119.1	9.51	12.33	36.64	36.49	0.149	54.21	53.51	26.596	0
"2012-02-11	03:00:00"	9.8	108.2	8.63	12.93	7.15	105.4	10.31	10.54	34.61	35.28	-0.663	57.5	56.29	26.595	0
"2012-02-11	04:00:00"	10.18	90	5.403	13.52	7.265	85.8	7.374	11.14	31.48	31.49	-0.016	64.93	63.77	26.597	0
"2012-02-11	05:00:00"	12.32	79.47	7.342	17.7	9.29	77.53	8.71	13.52	30.44	30.61	-0.175	70.34	68.78	26.597	0
"2012-02-11	06:00:00"	16.1	74.42	6.318	23.66	12.76	74.59	8.18	20.68	28.65	28.77	-0.118	74.32	73.34	26.612	0
"2012-02-11	07:00:00"	20.1	75.73	6.818	29.03	15.97	75.2	8.74	24.86	27.48	27.67	-0.195	78.4	78.13	26.623	0
"2012-02-11	08:00:00"	22.04	77.25	7.665	30.22	17.59	76.67	9.34	25.45	26.65	27.05	-0.396	80.1	78.87	26.645	3.4222
"2012-02-11	09:00:00"	22.06	67.76	9.37	31.42	17.49	68.83	9.66	27.84	25.05	25.49	-0.447	76.86	73.86	26.673	91.88
"2012-02-11	10:00:00"	23.94	70.32	8.91	33.21	19.24	71.19	9.97	27.84	25.09	25.93	-0.837	61.78	58.2	26.706	323.42
"2012-02-11	11:00:00"	21.97	68.92	10.53	30.22	17.76	70.12	11.17	25.45	26.46	27.81	-1.355	60.47	56.38	26.727	501.49
"2012-02-11	12:00:00"	19.18	62.28	12.17	27.24	15.69	63.93	13.22	23.07	28.8	30.58	-1.777	57.13	52.21	26.745	630.92
"2012-02-11	13:00:00"	19.04	73.22	10.88	26.65	15.67	74.09	12.28	23.07	31.18	33.1	-1.92	48.39	43.37	26.738	609.65
"2012-02-11	14:00:00"	17.44	70.18	12.59	24.86	14.43	71.19	13.34	21.87	33.14	34.99	-1.847	41.11	37.09	26.714	491.11
"2012-02-11	15:00:00"	15.74	75.09	11.52	23.07	12.98	75.22	12.74	20.09	33.36	34.83	-1.464	39.22	36.02	26.7	300.62
"2012-02-11	16:00:00"	14.38	78.38	11.39	20.68	11.8	79.16	12.49	19.49	33.69	34.95	-1.262	38.16	35.4	26.694	228.41
"2012-02-11	17:00:00"	15.28	84	12.3	20.68	12.76	84.3	14.1	18.3	33.9	34.98	-1.081	36.36	33.86	26.681	207.97
"2012-02-11	18:00:00"	15.88	86.3	9.57	21.28	13.01	86.6	11	18.89	33.43	34.24	-0.81	34.95	32.86	26.67	99.218
"2012-02-11	19:00:00"	15.31	89.3	7.254	21.87	12.51	90.2	9.1	18.89	31.83	32.22	-0.391	33.93	32.37	26.676	8.9834
"2012-02-11	20:00:00"	14.06	88.5	6.937	20.09	11.57	89.3	8.77	17.1	30.47	30.76	-0.292	33.05	31.64	26.693	0
"2012-02-11	21:00:00"	15.13	97.6	8.01	20.68	12.6	98.1	9.22	18.3	29.63	29.93	-0.293	34.69	33.43	26.722	0
"2012-02-11	22:00:00"	14.13	83.2	9.07	21.28	11.45	83.6	10.81	18.3	28.9	29.31	-0.404	36.85	35.35	26.737	0
"2012-02-11	23:00:00"	15.61	79.47	7.589	21.87	12.52	79.75	9.49	18.3	28.22	28.63	-0.408	38.07	36.4	26.715	0
"2012-02-12	00:00:00"	16.05	83.8	6.967	23.07	13	83.9	9.09	20.68	27.81	28.21	-0.401	38.9	37.33	26.705	0
"2012-02-12	01:00:00"	15.19	86.8	7.15	20.68	12.35	87.6	8.64	18.3	27.62	28	-0.378	38.28	36.78	26.708	0
"2012-02-12	02:00:00"	13.67	89.3	7.901	18.89	11.25	89.8	9.5	16.51	27.2	27.6	-0.4	38.7	37.31	26.697	0
"2012-02-12	03:00:00"	14.41	88	7.282	20.68	11.89	88.1	8.77	18.3	26.81	27.22	-0.405	40.87	39.3	26.682	0
"2012-02-12	04:00:00"	14.58	90.8	8.58	20.68	12.01	91.3	10.01	19.49	26.32	26.72	-0.396	44.5	42.92	26.667	0
"2012-02-12	05:00:00"	13.68	83.7	8.13	19.49	11.15	83.8	10.54	16.51	25.5	25.94	-0.44	49.67	49.57	26.653	0
"2012-02-12	06:00:00"	16.36	89.1	7.34	23.66	13.4	90.1	8.73	19.49	24.47	24.78	-0.31	56.17	56.34	26.638	0
"2012-02-12	07:00:00"	16.26	95.2	6.746	23.07	13.42	96.4	8.56	20.09	23.63	23.95	-0.318	60.24	60.35	26.628	0
"2012-02-12	08:00:00"	15.69	96.9	7.009	23.07	13.05	98	8.91	19.49	22.82	23.12	-0.299	63.12	63.28	26.621	1.4068
"2012-02-12	09:00:00"	14	101.2	8.62	20.09	11.71	102.1	10.71	18.3	22.58	22.91	-0.334	66.03	66.76	26.623	24.82
"2012-02-12	10:00:00"	13.4	104.4	7.995	18.3	11.27	104.9	9.94	15.91	22.46	22.92	-0.459	69.38	70.43	26.626	46.382
"2012-02-12	11:00:00"	12.91	103.9	8.7	17.7	10.92	104.3	10.89	15.91	22.57	23.04	-0.471	72.18	73.33	26.618	75.487
"2012-02-12	12:00:00"	12.56	114.5	9.23	17.1	10.46	115.4	11.67	15.31	23.75	24.42	-0.673	73.34	73.48	26.597	121.39
"2012-02-12	13:00:00"	12.2	124.6	9.57	15.91	10.03	126.3	11.5	14.72	24.17	24.79	-0.62	73.92	74.13	26.565	103.52
"2012-02-12	14:00:00"	11.65	127.8	9.61	15.91	9.61	129.5	11.29	14.72	24.4	25	-0.603	74.56	74.56	26.524	80.542
"2012-02-12	15:00:00"	10.79	129.2	7.823	14.72	8.99	131.1	9.44	12.93	24.83	25.45	-0.62	75.99	76.12	26.477	64.29
"2012-02-12	16:00:00"	9.55	134.7	8.74	12.93	8.04	136.6	9.36	11.74	25.64	26.21	-0.568	77.67	77.76	26.451	80.452
"2012-02-12	17:00:00"	11.56	134.1	7.839	16.51	9.73	135.9	8.47	14.12	26.32	26.86	-0.546	78.46	78.03	26.415	62.495

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-12	18:00:00"	10.49	134.7	8.46	15.91	8.89	136.3	9	14.12	26.43	26.91	-0.477	78.85	78.31	26.394	38.077	0	
"2012-02-12	19:00:00"	8.27	140.3	11.79	11.14	7.03	142.2	11.67	9.95	26.37	26.73	-0.361	79.29	78.69	26.399	1.8262	0	
"2012-02-12	20:00:00"	9.81	159.9	16.56	15.31	8.44	159.8	16.77	14.12	27.35	27.74	-0.385	80.6	80.4	26.401	0	0	
"2012-02-12	21:00:00"	13.57	129.8	11.93	19.49	11.16	131	12.78	17.1	28.08	28.45	-0.377	81.7	81.7	26.347	0	0	
"2012-02-12	22:00:00"	10.35	152.5	10.97	16.51	8.95	152.4	10.88	14.12	28.83	29.09	-0.257	82.7	82.5	26.351	0	0	
"2012-02-12	23:00:00"	8.14	173.4	12.97	12.93	6.953	173	14.59	11.14	29.44	29.74	-0.294	83.2	82.7	26.353	0	0	
"2012-02-13	00:00:00"	8.05	192.9	11.8	12.93	6.786	193.7	14.39	11.14	29.75	30.06	-0.311	83.6	82.9	26.343	0	0	
"2012-02-13	01:00:00"	6.759	199.1	14.21	9.95	5.914	199.5	16.64	9.35	30.03	30.32	-0.285	83.9	83.3	26.334	0	0	
"2012-02-13	02:00:00"	8.8	192.1	17.7	15.31	7.532	191.3	19.28	14.12	30.13	30.45	-0.323	84.2	83.6	26.311	0	0	
"2012-02-13	03:00:00"	7.577	198	12.48	15.31	6.487	199.8	14.37	13.52	30.13	30.44	-0.313	84.5	83.9	26.297	0	0	
"2012-02-13	04:00:00"	9.99	203.4	15.18	15.31	8.63	204.2	17.41	13.52	30.25	30.56	-0.307	84.7	84.1	26.284	0	0	
"2012-02-13	05:00:00"	8.24	227.4	14.87	14.12	7.699	227.4	17.32	12.93	30.16	30.48	-0.328	84.9	84.3	26.28	0	0	
"2012-02-13	06:00:00"	8.75	223.9	12.94	14.12	8.25	223.9	13.7	12.93	29.79	30.12	-0.336	85	84.3	26.274	0	0	
"2012-02-13	07:00:00"	5.393	227.2	15.55	15.91	8.38	226.8	16.97	14.12	29.54	29.86	-0.317	85.2	84.4	26.271	0	0	
"2012-02-13	08:00:00"	1	239.8	12.44	1	8.39	241.6	15.27	13.52	29.36	29.61	-0.246	85.4	84.9	26.279	3.2429	0.02	
"2012-02-13	09:00:00"	1	237.9	15.11	1	7.789	238.7	17.91	12.93	29.26	29.3	-0.046	86.5	86.7	26.291	55.956	0.05	
"2012-02-13	10:00:00"	1	226.3	12.27	1	8.07	223.5	13.77	12.93	29.58	29.53	0.059	86.8	87	26.295	173.43	0.04	
"2012-02-13	11:00:00"	1	224.4	12.77	1	8.98	222.4	13.34	15.91	30.97	31.1	-0.131	87.6	87.5	26.298	290.62	0.03	
"2012-02-13	12:00:00"	9.17	220.6	13.17	17.1	9.46	220.9	14.34	15.31	36.26	37	-0.737	88.9	89.1	26.3	623.13	0.02	
"2012-02-13	13:00:00"	10.34	220.2	16.81	17.1	8.93	221.8	18.24	15.31	45.06	45.34	-0.272	86.6	89.8	26.29	729.76	0	
"2012-02-13	14:00:00"	14.2	230.2	20.09	26.65	12.06	230.7	22.43	22.47	54.04	53.98	0.06	53.45	58	26.257	732.55	0	
"2012-02-13	15:00:00"	15.66	265.7	13.82	23.66	12.48	270.2	15	20.68	58.75	60.8	-2.053	29.47	28.76	26.233	661.05	0	
"2012-02-13	16:00:00"	12.85	274.3	15.37	21.87	9.55	278.2	17.22	18.89	60.96	62.65	-1.694	25.33	24.12	26.216	552.64	0	
"2012-02-13	17:00:00"	11.09	213.9	23.53	20.68	9.24	215.5	25.91	17.7	60.85	62.68	-1.831	26.55	24.79	26.211	381.06	0	
"2012-02-13	18:00:00"	9.94	199.5	12.73	17.1	8.27	199.1	14.52	14.72	60.66	61.59	-0.931	24.99	23.93	26.21	192.1	0	
"2012-02-13	19:00:00"	3.193	193.4	9.26	11.14	4.674	193.2	11.27	9.95	57.81	57.76	0.049	27.64	27.63	26.219	24.492	0	
"2012-02-13	20:00:00"	3.737	220.8	25.27	11.14	4.631	216.9	33.07	9.35	53.18	51.64	1.541	31.63	33.33	26.235	0	0	
"2012-02-13	21:00:00"	6.212	250.6	8.04	12.93	5.824	254.6	10.39	9.35	51.23	49.41	1.828	32.86	35.5	26.248	0	0	
"2012-02-13	22:00:00"	5.91	259.2	29.55	9.95	4.052	259.8	34.3	8.16	49.52	47.35	2.171	33.72	36.2	26.261	0	0	
"2012-02-13	23:00:00"	5.194	297.7	12.37	8.75	2.708	332	46.13	4.578	48.53	44.46	4.072	34.5	40.93	26.264	0	0	
"2012-02-14	00:00:00"	5.916	300.2	17.11	8.75	2.479	319.9	45.12	4.578	47.53	41.96	5.57	35.32	45.12	26.26	0	0	
"2012-02-14	01:00:00"	2.236	275.4	10.65	6.368	2.761	282.2	15.7	4.578	46.57	43.56	3.015	36.95	41.1	26.259	0	0	
"2012-02-14	02:00:00"	1	248.3	23.97	1	2.023	259	56.39	3.982	45.55	42.22	3.324	38.19	44.78	26.26	0	0	
"2012-02-14	03:00:00"	3.91	286.8	12.23	8.16	2.553	317.9	8.48	4.578	45.21	39.95	5.257	38.26	47.36	26.251	0	0	
"2012-02-14	04:00:00"	8.09	286	6.092	10.54	3.595	301.7	8.99	5.771	46.18	41.07	5.106	37.86	47.02	26.239	0	0	
"2012-02-14	05:00:00"	8.68	287.9	8.57	13.52	3.869	290	9.95	6.964	44.22	41.4	2.813	42.14	48.5	26.234	0	0	
"2012-02-14	06:00:00"	5.882	225.3	39.45	11.14	3.922	219.2	47.91	8.75	43.55	41.06	2.486	42.28	46.49	26.241	0	0	
"2012-02-14	07:00:00"	8.56	177.6	6.18	12.33	6.246	177	8.67	9.95	39.6	38.24	1.364	50.94	53.59	26.251	0	0	
"2012-02-14	08:00:00"	6.505	177.1	7.107	9.95	4.235	176.7	8.33	6.368	40.94	38.58	2.354	52.07	55.72	26.26	8.5185	0	
"2012-02-14	09:00:00"	5.598	185.4	8.89	7.561	3.822	183	10.81	5.771	41.22	39.93	1.294	58.36	60.86	26.282	145.81	0	
"2012-02-14	10:00:00"	5.854	198.9	17.72	9.95	4.853	200	21.7	9.95	46.61	46.59	0.015	51.24	51.99	26.294	339.84	0	
"2012-02-14	11:00:00"	6.599	219.3	14.05	11.74	5.677	221.1	15.54	9.95	52.11	52.72	-0.609	41.72	40.64	26.294	517.21	0	
"2012-02-14	12:00:00"	7.997	206.6	16.17	17.7	6.923	207.3	19.13	15.91	59.12	60.16	-1.037	35.94	34.32	26.277	653.08	0	
"2012-02-14	13:00:00"	16.28	212.3	14.33	27.84	13.51	213.5	16.2	27.24	64.06	65.59	-1.525	29.59	27.44	26.244	726.07	0	
"2012-02-14	14:00:00"	17.04	214.3	16.08	27.24	14.47	214.9	17.89	24.86	65.39	67.03	-1.639	26.49	24.23	26.213	733.18	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-14	15:00:00"	17.99	216.1	15.74	28.43	15.43	216.2	17.18	28.43	66.51	68.08	-1.566	23.35	21.11	26.188	668.3	0	
"2012-02-14	16:00:00"	15.54	214.8	14.24	26.65	13.37	214.1	14.78	23.66	66.81	68.13	-1.32	22.66	20.58	26.178	384.79	0	
"2012-02-14	17:00:00"	15.21	221.8	17.1	30.22	12.78	223	18.06	29.03	67.22	68.15	-0.925	22.28	20.45	26.17	314.45	0	
"2012-02-14	18:00:00"	14.15	237.7	13.67	23.07	12.18	238.4	16.31	21.28	67.32	68.05	-0.724	21.42	19.65	26.175	173.41	0	
"2012-02-14	19:00:00"	10.08	243.5	17.25	23.07	8.64	244.1	19.62	17.7	63.85	63.71	0.146	24.23	23	26.194	5.9943	0	
"2012-02-14	20:00:00"	4.742	271.4	19.98	13.52	5.736	276.4	19.33	12.93	61.84	61.3	0.539	26.96	26.34	26.209	0	0	
"2012-02-14	21:00:00"	8.67	299	10.68	12.93	4.7	303.4	13.6	8.75	57.89	57.01	0.882	31.22	31.15	26.235	0	0	
"2012-02-14	22:00:00"	5.565	272.9	63.33	11.74	3.57	265.2	72.44	9.35	55.26	53.38	1.875	34.07	35.25	26.245	0	0	
"2012-02-14	23:00:00"	1.74	175.5	23.35	9.95	3.068	174.5	30.99	11.74	54.2	52.66	1.547	35.71	37.33	26.252	0	0	
"2012-02-15	00:00:00"	3.098	210.6	25.18	15.31	4.004	201.3	35.97	11.14	53.86	52.3	1.553	35.98	37.27	26.256	0	0	
"2012-02-15	01:00:00"	8.41	292.7	22.41	15.31	5.585	303.2	26.66	12.33	50.75	49.56	1.186	39	39.61	26.266	0	0	
"2012-02-15	02:00:00"	10.09	285.7	8.9	16.51	5.255	294.6	13.01	15.31	49.07	45.68	3.395	39.75	44.87	26.267	0	0	
"2012-02-15	03:00:00"	11.72	268.7	7.679	19.49	8.92	270.9	9.61	15.31	49.45	48.55	0.902	38.68	39.14	26.278	0	0	
"2012-02-15	04:00:00"	9.9	275.8	8.48	15.31	6.481	281.6	11.87	12.93	46.72	45.46	1.257	42.33	43.05	26.291	0	0	
"2012-02-15	05:00:00"	11.48	271.6	10.57	20.68	8.66	276.1	12.31	18.3	45.08	44	1.074	43.37	44.24	26.31	0	0	
"2012-02-15	06:00:00"	10.69	245.1	11.16	15.31	8.53	247.9	14.3	14.12	43.92	43.31	0.61	42.25	42.28	26.324	0	0	
"2012-02-15	07:00:00"	8.8	231.7	12.76	14.12	7.352	231.2	13.81	12.93	41.91	41.52	0.398	43.87	43.37	26.334	0	0	
"2012-02-15	08:00:00"	12.9	216.6	10.56	18.3	10.51	217.1	11	16.51	41.26	40.86	0.399	47.31	46.83	26.344	9.2959	0	
"2012-02-15	09:00:00"	15.56	214.6	10.66	24.86	12.8	216.1	11.52	22.47	43.06	42.93	0.13	46.48	45.26	26.367	158.83	0	
"2012-02-15	10:00:00"	17.25	234.8	14.05	27.84	14.91	235.8	15.92	26.65	47.54	48.09	-0.552	34.84	33.18	26.39	357.57	0	
"2012-02-15	11:00:00"	18.7	261.4	17.83	29.03	14.68	265.8	19.96	24.86	50.12	52.38	-2.257	27.83	25.6	26.403	539.78	0	
"2012-02-15	12:00:00"	18.54	279.5	13.72	27.24	13.03	283.2	15.13	22.47	52.03	56.7	-4.669	23.69	20.36	26.408	679.27	0	
"2012-02-15	13:00:00"	18.77	271.4	14.41	33.8	14.26	275.7	15.04	26.05	54.21	57.93	-3.723	20.95	17.94	26.392	757.4	0	
"2012-02-15	14:00:00"	18.2	282.4	14.94	28.43	12.93	285.7	16.89	25.45	56.8	59.09	-2.29	18.43	15.96	26.372	764.11	0	
"2012-02-15	15:00:00"	16.26	304.1	16.96	27.84	11.03	306.5	17.98	20.68	58.89	61.18	-2.284	17.99	15.43	26.361	684.18	0	
"2012-02-15	16:00:00"	13.59	292.5	17.33	24.26	9.45	295	19.78	20.09	59.6	61.74	-2.144	17.88	15.35	26.366	576.57	0	
"2012-02-15	17:00:00"	10.54	291.2	16.82	18.89	7.487	293.6	18.38	17.1	60.26	62.5	-2.243	15.84	13.37	26.37	405.59	0	
"2012-02-15	18:00:00"	8.61	285.9	18.22	14.12	6.166	289.6	19.2	12.33	60.18	61.54	-1.359	14.67	12.69	26.377	210.34	0	
"2012-02-15	19:00:00"	3.82	309.3	18.64	11.14	1.696	319.7	36.45	8.16	57.71	57.76	-0.042	15.75	14.32	26.398	29.516	0	
"2012-02-15	20:00:00"	2.05	21.08	61.08	6.964	2.619	55.58	74.48	6.368	52.69	49.78	2.909	18.48	20.58	26.416	0	0	
"2012-02-15	21:00:00"	4.777	88.1	22	11.14	4.466	70.58	21.9	7.561	51.99	45.93	6.059	19.06	24.59	26.431	0	0	
"2012-02-15	22:00:00"	8.59	96.4	3.896	12.33	5.088	72.52	8.11	6.964	51.57	43.32	8.25	19.18	27.35	26.443	0	0	
"2012-02-15	23:00:00"	11.46	102.2	4.494	13.52	5.685	83.2	10.55	8.16	50.19	41.43	8.75	21.6	31.4	26.458	0	0	
"2012-02-16	00:00:00"	10.45	64.08	12.87	14.12	7.112	58.49	7.411	10.54	44	40.13	3.878	36.78	39.59	26.466	0	0	
"2012-02-16	01:00:00"	11.45	61.98	6.859	16.51	8.28	60.96	7.406	12.93	39.72	38.7	1.021	58.68	58.56	26.472	0	0	
"2012-02-16	02:00:00"	12.24	57.74	8.32	17.7	9.28	57.04	8.61	14.12	38.26	37.55	0.71	65.78	65.79	26.48	0	0	
"2012-02-16	03:00:00"	12.91	50.32	8.45	20.09	10.46	51.27	9.7	16.51	37.52	37.25	0.268	68.32	67.09	26.482	0	0	
"2012-02-16	04:00:00"	12.43	44.92	7.898	17.1	9.9	45.49	9.42	14.72	35.33	35.02	0.314	73.07	71.64	26.483	0	0	
"2012-02-16	05:00:00"	12.16	50.35	10.78	16.51	9.76	51.83	11.93	14.72	34.56	34.33	0.23	75.12	73.83	26.493	0	0	
"2012-02-16	06:00:00"	10.03	56.46	8.65	12.93	7.78	56.4	9.87	11.14	32.46	32.23	0.226	76.88	75.55	26.516	0	0	
"2012-02-16	07:00:00"	10.32	49.46	7.55	14.72	8.15	50.67	9	13.52	32.05	31.83	0.218	79.27	78.05	26.53	0	0	
"2012-02-16	08:00:00"	13.14	45.82	7.21	18.89	10.62	45.83	8.51	17.1	31.92	32.31	-0.386	81.5	80.6	26.537	7.7641	0	
"2012-02-16	09:00:00"	14.79	53.83	6.988	20.68	12.33	55.66	8.01	20.09	32.86	34.8	-1.945	82	79.21	26.556	62.663	0	
"2012-02-16	10:00:00"	19.57	61.31	7.783	27.84	16.23	61.99	8.64	24.26	35.86	38.56	-2.704	80.5	74.91	26.565	184.92	0	
"2012-02-16	11:00:00"	16.14	59.8	8.9	24.86	13.36	59.97	9.54	21.87	38.17	40.28	-2.114	74.5	69.89	26.569	203.87	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-16	12:00:00"	11.92	63.07	11.55	17.7	10.08	63.14	12.11	16.51	40.21	42.75	-2.546	70.4	65.2	26.581	279.08	0	
"2012-02-16	13:00:00"	13.19	70.4	11.01	18.3	10.93	69.41	12.29	17.1	42.76	45.45	-2.692	63.95	58.45	26.562	330.37	0	
"2012-02-16	14:00:00"	13.86	72.42	11.53	19.49	11.49	71.93	12.82	17.7	44.43	47.2	-2.772	60.37	54.77	26.531	322.01	0	
"2012-02-16	15:00:00"	15.07	70.72	8.33	20.09	12.38	70.33	10.16	17.7	45.21	47.79	-2.58	58.74	53.6	26.502	179.8	0	
"2012-02-16	16:00:00"	15.44	78.09	8.46	21.28	12.5	78.5	10.6	18.3	45.47	47.9	-2.432	58.68	53.66	26.482	156.97	0	
"2012-02-16	17:00:00"	14.58	80.4	8.28	20.09	11.74	80.5	10.36	17.7	46.08	48.2	-2.12	57.83	53.2	26.476	192.3	0	
"2012-02-16	18:00:00"	15.51	76.12	8.63	20.68	12.44	76.07	10.37	18.3	45.8	48.15	-2.342	61	56.01	26.459	115.27	0	
"2012-02-16	19:00:00"	13.38	72.54	7.729	18.3	10.56	72.12	9.38	15.91	44.1	45.57	-1.471	66.01	62.47	26.469	5.6229	0	
"2012-02-16	20:00:00"	9.24	72.64	7.744	16.51	6.987	70.89	9.55	12.93	42.31	43.12	-0.816	71.93	69.05	26.478	0	0	
"2012-02-16	21:00:00"	11.23	76.44	6.847	15.31	8.71	74.9	8.69	12.93	42.04	42.82	-0.787	76.21	73.57	26.484	0	0	
"2012-02-16	22:00:00"	12.79	75.73	6.985	18.3	10.14	74.93	8.59	16.51	42.23	43.27	-1.04	78.84	76.06	26.482	0	0	
"2012-02-16	23:00:00"	11.72	70.55	7.325	17.7	9.38	69.64	9.19	14.72	41.33	42.39	-1.052	80.8	78.05	26.489	0	0	
"2012-02-17	00:00:00"	12.15	76.75	6.639	17.1	9.57	75.6	8.21	14.72	39.81	40.88	-1.069	83.3	80.6	26.485	0	0	
"2012-02-17	01:00:00"	11.62	66.82	7.536	16.51	9.44	66.15	9.05	14.72	39.09	40.16	-1.064	84.9	82.2	26.467	0	0	
"2012-02-17	02:00:00"	11.29	63.82	7.317	15.91	9.33	63.05	8.55	14.12	38.94	39.92	-0.978	84.1	81.3	26.463	0	0	
"2012-02-17	03:00:00"	12.22	63.71	7.222	16.51	10.04	63.2	8.53	14.72	38.69	39.83	-1.139	82.9	80.3	26.444	0	0	
"2012-02-17	04:00:00"	11.71	68.99	7.624	17.7	9.42	68.05	9.28	14.72	38.37	39.48	-1.112	83.2	80.8	26.425	0	0	
"2012-02-17	05:00:00"	8.52	60.81	19.81	13.52	6.911	60.79	22.74	11.74	38.03	38.98	-0.947	84.9	83.2	26.423	0.00048	0.06	
"2012-02-17	06:00:00"	9.9	66.51	7.741	13.52	8.03	66.14	9.36	11.74	38.12	39	-0.878	86.1	84.4	26.419	0	0	
"2012-02-17	07:00:00"	8.48	73.09	9.33	12.93	6.89	71.41	10.55	11.14	38.24	39.15	-0.912	86.5	84.8	26.426	0	0	
"2012-02-17	08:00:00"	7.55	80.1	9.25	11.74	6.144	78.32	11.14	10.54	38.42	39.48	-1.065	87	84.8	26.44	1.9252	0	
"2012-02-17	09:00:00"	7.714	67.63	7.28	9.95	6.373	66.14	9.18	9.35	38.9	40.01	-1.106	87.4	84.8	26.454	22.019	0	
"2012-02-17	10:00:00"	6.609	70.49	9.88	9.35	5.624	68.81	11.31	8.16	39.83	41.29	-1.457	87.5	84.1	26.462	82.976	0	
"2012-02-17	11:00:00"	5.93	86.5	13.8	8.16	5.218	84.4	15.84	8.16	40.77	42.17	-1.402	86.6	83.1	26.467	81.18	0	
"2012-02-17	12:00:00"	5.824	98.6	21.14	9.35	5.055	98.3	25.12	8.75	42.19	43.57	-1.375	85.3	82.3	26.461	242.14	0	
"2012-02-17	13:00:00"	5.044	149.9	27.75	10.54	4.454	150.1	30.33	9.95	45.01	46.16	-1.151	81.7	79.52	26.448	226.99	0	
"2012-02-17	14:00:00"	4.404	210.2	22.22	6.964	3.785	213	25.48	6.964	45.63	46.41	-0.785	80.7	79.1	26.424	126.61	0	
"2012-02-17	15:00:00"	3.315	259.6	44.52	6.368	2.912	264.4	48.95	5.771	46.54	47.48	-0.934	78.64	76.73	26.397	198.89	0	
"2012-02-17	16:00:00"	2.431	10.56	50.1	5.771	2.572	12.71	54.77	5.175	47.37	48.5	-1.131	76.77	74.17	26.383	113.84	0	
"2012-02-17	17:00:00"	3.306	42.65	34.82	5.175	3.302	40.25	37.33	5.771	47.34	48.65	-1.302	77.06	74.1	26.378	42.365	0	
"2012-02-17	18:00:00"	1.85	342.9	20.88	5.175	2.795	342.1	17.48	5.175	47.44	47.84	-0.4	76.37	75.14	26.38	26.808	0	
"2012-02-17	19:00:00"	3.062	37.55	28.82	7.561	2.905	37.24	34.86	7.561	47.42	48.1	-0.672	76.34	74.61	26.37	4.9244	0	
"2012-02-17	20:00:00"	6.024	25.36	10.83	9.95	4.78	24.58	15.7	8.16	46.03	46.6	-0.572	81.3	79.45	26.372	0	0	
"2012-02-17	21:00:00"	6.971	24.06	15.3	9.35	4.756	16.08	21.57	8.16	44.2	43.31	0.89	83.8	82.6	26.375	0	0	
"2012-02-17	22:00:00"	6.287	347.9	21.38	9.35	3.514	340.1	19.64	5.771	42.59	40.66	1.931	85.9	86	26.384	0	0	
"2012-02-17	23:00:00"	3.697	342.3	18.33	6.368	2.567	343.2	29.96	4.578	41.94	41.46	0.481	85.9	86.3	26.386	0	0	
"2012-02-18	00:00:00"	3.254	27.96	26.12	6.368	2.335	19.31	35.93	4.578	41.43	41.53	-0.096	86.2	85.3	26.378	0	0	
"2012-02-18	01:00:00"	3.219	98.5	51.11	6.964	2.294	107.4	57.77	6.368	41.15	41.32	-0.177	87.5	86.5	26.372	0	0	
"2012-02-18	02:00:00"	1.294	67.73	75.39	5.771	2.052	65.94	74.99	4.578	41	41.43	-0.437	88.9	87.9	26.357	0	0	
"2012-02-18	03:00:00"	5.039	124.9	17.17	10.54	4.392	127	18.75	9.35	41.16	41.56	-0.398	89.2	88.4	26.362	0.24135	0	
"2012-02-18	04:00:00"	1.789	112.5	73.08	5.771	2.156	104.7	79.08	5.771	41.15	41.6	-0.457	89.4	88.8	26.36	0.34875	0	
"2012-02-18	05:00:00"	3.338	28.49	95.7	6.368	3.378	5.847	96.8	6.368	41.36	41.75	-0.389	89.6	88.8	26.348	0.64792	0	
"2012-02-18	06:00:00"	2.302	349.1	59.25	5.175	2.513	345.3	59.8	5.175	41.48	41.79	-0.31	89.6	89	26.353	0.69039	0	
"2012-02-18	07:00:00"	4.091	323.5	18.86	7.561	3.308	325.7	16.73	6.368	41.32	41.59	-0.264	89.7	89.1	26.359	0.6904	0	
"2012-02-18	08:00:00"	5.374	313.5	9.37	8.16	3.711	316.7	10.44	6.368	41.19	41.42	-0.226	89.7	89.1	26.374	1.9017	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-18	09:00:00"	6.938	305.9	11.66	9.35	4.581	310	13.61	8.16	41.29	41.7	-0.41	89.8	89.1	26.394	26.607	0
"2012-02-18	10:00:00"	10.3	308.6	10.28	15.31	6.861	311.4	12.15	12.93	42.41	43.31	-0.901	89.9	89.4	26.401	148.02	0
"2012-02-18	11:00:00"	12.95	317.9	10.31	20.09	9.54	320.5	11.77	16.51	44.62	46.99	-2.366	90	88.5	26.414	312.48	0
"2012-02-18	12:00:00"	18.36	337.5	14.24	29.63	14.48	337.3	14.29	25.45	45.72	48.89	-3.169	89	72.46	26.426	181.82	0
"2012-02-18	13:00:00"	16.31	3.158	13.11	27.24	13.31	0.675	17.35	23.07	45.94	49.23	-3.285	77.67	68.08	26.431	517.46	0
"2012-02-18	14:00:00"	14.44	11.55	11.88	20.68	12.17	9.83	15.73	18.89	48.89	52.72	-3.827	64.56	58.17	26.418	648.92	0
"2012-02-18	15:00:00"	13.62	356.4	15.84	20.09	11.49	354.9	17.14	18.3	50.8	54.39	-3.592	58.45	52.23	26.41	697.95	0
"2012-02-18	16:00:00"	12.19	339.1	17.8	18.89	10.15	339	17.55	16.51	51.59	55.27	-3.679	53.63	47.22	26.405	595.52	0
"2012-02-18	17:00:00"	10.64	344.6	16.3	17.1	8.84	343.7	16.99	15.31	50.87	53.47	-2.603	53.62	48.6	26.406	310.64	0
"2012-02-18	18:00:00"	8.72	1.609	16.71	13.52	7.372	358.5	18.25	12.93	51.07	52.72	-1.657	52.95	49.27	26.412	215.67	0
"2012-02-18	19:00:00"	10.23	39.2	8.15	14.72	8.34	40.89	10.28	12.33	48.22	49.43	-1.211	64.24	61.6	26.423	29.888	0
"2012-02-18	20:00:00"	8.68	49.84	6.808	11.74	6.646	52.79	7.482	9.95	44.1	44.29	-0.194	73.63	72.28	26.437	0	0
"2012-02-18	21:00:00"	8.94	55.23	6.863	12.93	6.218	56.61	7.835	9.95	41.5	41.47	0.035	77.99	76.84	26.445	0	0
"2012-02-18	22:00:00"	8.46	64.77	5.754	9.95	5.115	60.86	8.27	6.964	39.87	39.51	0.358	80.2	78.4	26.45	0	0
"2012-02-18	23:00:00"	7.767	83.4	6.941	9.35	4.31	73	10.78	5.771	38.08	37.86	0.225	83.6	80.6	26.448	0	0
"2012-02-19	00:00:00"	8.13	97.5	4.084	9.35	3.844	70.42	9.65	5.175	38.04	36.22	1.817	84.6	82.1	26.444	0	0
"2012-02-19	01:00:00"	7.187	101.3	5.494	8.16	3.354	69.94	12.58	4.578	38.38	36.12	2.26	84.8	83.4	26.444	0	0
"2012-02-19	02:00:00"	6.382	122.5	11.99	9.95	4.121	116.1	23.68	8.75	37.94	37.1	0.848	86.2	86.1	26.443	0	0
"2012-02-19	03:00:00"	7.521	158.9	12.03	12.33	6.404	159.7	12.15	11.14	39.26	39.58	-0.319	87.8	87.3	26.44	0.02714	0
"2012-02-19	04:00:00"	8.88	172.6	13.73	13.52	7.435	172.7	15.4	11.74	38.99	39.51	-0.515	88	87.3	26.426	0.182	0
"2012-02-19	05:00:00"	9.61	182	10.23	14.72	7.962	181.7	12.54	11.74	38.26	38.7	-0.444	88.2	87.5	26.414	0.26994	0
"2012-02-19	06:00:00"	7.692	172	12.47	11.74	6.484	172.1	14.22	9.95	37.75	38.28	-0.521	88.2	87.5	26.407	0.3343	0
"2012-02-19	07:00:00"	9.75	172.2	10.17	14.72	8.16	172.5	12.17	12.93	37.48	37.94	-0.469	88.3	87.7	26.411	0.34393	0
"2012-02-19	08:00:00"	9.2	161.7	13.16	14.72	7.833	161.7	13.56	12.33	37.27	37.73	-0.464	88.3	87.7	26.412	4.5017	0
"2012-02-19	09:00:00"	8.98	150.7	12.47	14.72	7.702	151.7	12.08	13.52	37.88	38.41	-0.538	88.5	88	26.408	55.242	0
"2012-02-19	10:00:00"	11.31	170	9.67	18.3	9.61	169.6	10.96	15.31	38.96	39.53	-0.571	88.8	88.3	26.431	159.06	0
"2012-02-19	11:00:00"	11.41	164.2	12.53	18.3	9.92	163.8	13.31	15.91	42.13	43.22	-1.089	89.1	86.9	26.418	471.39	0
"2012-02-19	12:00:00"	10.81	152.6	12.91	17.1	9.38	152.1	12.83	15.91	47.7	49.64	-1.934	75.91	65.87	26.388	688.12	0
"2012-02-19	13:00:00"	13.55	160.6	13.79	23.07	11.72	159.5	14.62	20.09	54.04	56.43	-2.387	48.52	44.06	26.352	765.65	0
"2012-02-19	14:00:00"	15.52	172.5	12.4	25.45	12.98	172	14.1	21.87	57.97	61.16	-3.196	32.88	29.36	26.307	771.04	0
"2012-02-19	15:00:00"	16.63	173.1	11.95	24.26	13.91	172.3	13.86	21.28	59.93	63.24	-3.31	27.71	24.4	26.261	693.07	0
"2012-02-19	16:00:00"	19.38	177.2	10.05	29.63	16.05	176.5	12.46	26.65	61.46	64.45	-2.997	26.83	23.69	26.238	583.56	0
"2012-02-19	17:00:00"	20.71	170.7	10.14	30.82	17.25	169.4	11.46	26.65	61.74	64.05	-2.302	30.48	27.51	26.211	408.25	0
"2012-02-19	18:00:00"	18.51	162.9	11.06	27.84	15.64	162.2	11.83	25.45	61.31	63.14	-1.829	37.05	34.24	26.202	206.81	0
"2012-02-19	19:00:00"	17.13	146.2	9.45	25.45	14.26	147	9.36	21.87	58.46	59.63	-1.18	39.96	37.6	26.202	29.18	0
"2012-02-19	20:00:00"	16.5	145.8	8.45	25.45	13.78	146.9	8.55	23.07	55.27	55.76	-0.487	43.86	41.86	26.204	0	0
"2012-02-19	21:00:00"	17.3	154.8	10.54	27.84	14.56	154.7	10.44	23.66	53.68	53.87	-0.199	51.55	49.82	26.207	0	0
"2012-02-19	22:00:00"	17.3	171.9	11.95	29.63	14.26	171.6	13.05	25.45	52.06	52	0.063	59.95	58.84	26.218	0	0
"2012-02-19	23:00:00"	12.8	178.2	9.38	19.49	10.43	177.6	11.78	17.7	49.28	49.3	-0.02	67.84	66.82	26.236	0	0
"2012-02-20	00:00:00"	10.91	178.4	9.78	17.1	8.85	178.4	12.34	15.91	47.53	47.48	0.046	72.8	71.95	26.24	0	0
"2012-02-20	01:00:00"	10.1	197.7	15.34	19.49	7.845	200.3	18.81	15.91	45.85	45.81	0.038	76.47	75.73	26.249	0	0
"2012-02-20	02:00:00"	8.26	202.2	9.37	14.72	6.188	205	11.96	11.74	44.13	44.04	0.092	79.24	78.55	26.252	0	0
"2012-02-20	03:00:00"	7.483	198.4	9.53	9.95	5.57	200.4	12.32	8.75	42.33	42.1	0.227	81.9	81.5	26.252	0	0
"2012-02-20	04:00:00"	6.203	202.9	13.46	8.75	4.356	205.5	14.94	6.368	40.58	40.24	0.339	84.6	84.1	26.244	0	0
"2012-02-20	05:00:00"	7.454	208	12.9	11.74	5.749	210.4	15.67	10.54	39.67	39.53	0.144	85.6	85.1	26.247	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-20	06:00:00"	8.41	213.1	14.49	14.72	6.548	215.2	16.57	10.54	39.04	38.93	0.113	86.6	85.6	26.258	0	0
"2012-02-20	07:00:00"	8.05	213.9	12.6	12.33	6.249	215	13	12.33	37.98	37.69	0.286	85.9	85.1	26.263	0	0
"2012-02-20	08:00:00"	5.601	230.3	13.03	11.74	4.454	231.3	16.02	9.35	37.42	36.96	0.464	76.44	76.79	26.287	13.642	0
"2012-02-20	09:00:00"	9.17	242	10.4	15.91	7.488	243.6	12.19	14.72	42.44	41.83	0.605	59.14	60.32	26.313	172.27	0
"2012-02-20	10:00:00"	15.5	248	12.63	28.43	13.07	250.8	15.51	26.05	50.43	51.02	-0.587	40.26	39.03	26.343	364.45	0
"2012-02-20	11:00:00"	22.8	268.5	10.52	33.8	17.91	273.2	11.22	29.03	55.34	59.25	-3.917	25.65	22.6	26.352	562.23	0
"2012-02-20	12:00:00"	25.25	279.9	11.83	37.98	17.78	283.6	13.35	30.22	57.09	62.83	-5.737	21.37	17.23	26.361	700.71	0
"2012-02-20	13:00:00"	25.08	282.6	10.46	36.78	17.11	286.1	12.59	30.22	58.88	65.81	-6.927	18.39	13.84	26.366	775.9	0
"2012-02-20	14:00:00"	24.12	301	19.79	38.57	16.38	304.3	20.05	36.78	60.68	67.68	-6.995	18.03	13.34	26.359	780.11	0
"2012-02-20	15:00:00"	21.3	317	10.58	34.4	15.33	319.6	11.99	26.05	60	67.3	-7.3	19.55	14.49	26.362	701.06	0
"2012-02-20	16:00:00"	19.94	322.1	11.13	33.21	14.9	324	12.23	24.86	59.48	66.08	-6.604	14.29	10.51	26.37	592.46	0
"2012-02-20	17:00:00"	17.51	322.4	12.2	27.24	13.17	324	13.23	24.26	58.89	64.58	-5.686	9.86	7.16	26.385	421.04	0
"2012-02-20	18:00:00"	16.17	333.8	9.68	26.05	12.7	334.6	10.42	23.66	57.12	60.12	-3.006	8.12	6.239	26.396	222.46	0
"2012-02-20	19:00:00"	8.11	339.7	17.02	17.7	5.932	346.6	30.71	14.72	53.38	53.26	0.111	9.42	8.74	26.421	35.848	0
"2012-02-20	20:00:00"	8.06	338.4	16.17	11.74	4.476	346.7	17.52	6.964	50.44	45.59	4.844	10.37	13.97	26.438	0	0
"2012-02-20	21:00:00"	9.96	338	5.325	12.33	5.177	353.5	14.22	6.368	50.87	41.91	8.96	8.63	17.61	26.455	0	0
"2012-02-20	22:00:00"	7.613	354.5	14.71	10.54	4.068	17.75	19.08	5.771	48.14	41.39	6.754	10.47	18.39	26.469	0	0
"2012-02-20	23:00:00"	5.684	329.6	40.73	9.35	3.648	347	51.52	6.368	46.42	39.96	6.46	12.43	19.64	26.481	0	0
"2012-02-21	00:00:00"	4.58	275.7	47.65	8.16	4.235	305.1	50.63	6.964	42.83	36.76	6.074	15.88	25.5	26.48	0	0
"2012-02-21	01:00:00"	4.522	297.2	20.41	6.368	3.088	317.7	35.98	5.175	44.56	36.73	7.829	12.64	22.47	26.475	0	0
"2012-02-21	02:00:00"	4.755	302.7	18.9	8.75	3.841	316.1	14.18	5.771	44.97	37.26	7.711	11.45	21.2	26.47	0	0
"2012-02-21	03:00:00"	6.4	315.4	3.886	10.54	4.182	327.5	13.51	5.771	46.59	35.17	11.41	9.92	24.36	26.464	0	0
"2012-02-21	04:00:00"	7.117	245.2	40.16	20.68	5.227	253	44.28	17.1	38.88	34.79	4.09	21.06	26.03	26.466	0	0
"2012-02-21	05:00:00"	5.941	250.2	27.42	8.16	4.031	260.2	36.24	6.964	37.64	36.11	1.533	23.27	24.89	26.463	0	0
"2012-02-21	06:00:00"	7.173	300.1	9.24	9.95	3.744	318.5	8.66	6.368	39.15	32.78	6.363	20.75	29.01	26.456	0	0
"2012-02-21	07:00:00"	5.476	277.8	23.07	8.16	2.992	303.8	28.42	4.578	41.45	34.09	7.363	18.37	27.24	26.46	0	0
"2012-02-21	08:00:00"	5.297	229	13.98	8.75	3.127	224.1	21.56	6.964	41.68	38.88	2.802	18.32	21.68	26.475	15.316	0
"2012-02-21	09:00:00"	5.419	216.9	13.84	7.561	3.77	220.4	17.91	6.368	41.73	40.76	0.97	20.78	22.06	26.494	170.86	0
"2012-02-21	10:00:00"	8.28	209.5	11.58	15.31	7.061	215.4	14.82	12.93	47.59	48.26	-0.675	29.25	27.5	26.508	373.74	0
"2012-02-21	11:00:00"	12.33	203.8	12.18	18.3	10.09	207.4	15.83	16.51	53.39	54.61	-1.22	29.69	27.32	26.5	559.46	0
"2012-02-21	12:00:00"	13.55	205.1	12.68	21.28	11.14	207.2	15.95	18.3	57.91	60.24	-2.323	24.92	22.13	26.486	700.67	0
"2012-02-21	13:00:00"	15.63	211.9	12.61	27.84	12.98	212.8	14.77	22.47	62.62	64.97	-2.349	18.13	15.6	26.455	784.19	0
"2012-02-21	14:00:00"	15.91	217.4	15.59	25.45	13.4	219.8	17.62	23.66	65.6	68.2	-2.606	14.38	12.04	26.407	793.57	0
"2012-02-21	15:00:00"	17.59	234.3	21.6	27.84	14.82	237.5	24.73	24.26	68.19	70.71	-2.521	10.89	8.78	26.375	717.95	0
"2012-02-21	16:00:00"	16.44	236.1	16.8	26.05	14.05	238.8	20.09	23.66	68.86	70.85	-1.983	10.55	8.56	26.362	590.04	0
"2012-02-21	17:00:00"	11.93	232.3	20.72	21.28	10.26	235.9	23.48	21.28	69.49	70.57	-1.084	9.94	8.14	26.348	384.34	0
"2012-02-21	18:00:00"	13.64	256.7	15.08	20.68	11.17	261.5	17.02	17.7	69.6	70.57	-0.977	9.02	7.413	26.339	223.53	0
"2012-02-21	19:00:00"	7.941	241.1	10.36	14.72	6.736	244.1	12.56	13.52	66.6	66.35	0.25	10.75	9.64	26.342	40.184	0
"2012-02-21	20:00:00"	9.26	240.9	16.12	17.1	7.222	242	20.8	11.74	61.79	60.66	1.134	12.16	11.56	26.35	0	0
"2012-02-21	21:00:00"	10.41	247.8	7.853	15.91	7.819	253.1	10.61	13.52	58.55	57.23	1.318	13.47	13.09	26.353	0	0
"2012-02-21	22:00:00"	8.91	253.8	11.07	15.31	6.617	258.4	11.49	11.74	55.11	53.59	1.52	15.73	15.61	26.362	0	0
"2012-02-21	23:00:00"	9.93	271.1	13.55	15.31	6.213	277	16.89	12.33	52.38	50.29	2.087	18.35	18.75	26.368	0	0
"2012-02-22	00:00:00"	10.26	292.4	6.261	14.12	4.53	299.7	9.6	9.35	50.73	46.98	3.75	19.81	21.75	26.367	0	0
"2012-02-22	01:00:00"	10.81	298.1	5.867	13.52	4.728	304.6	10.18	6.964	47.89	43.91	3.981	23.05	25.99	26.358	0	0
"2012-02-22	02:00:00"	11.45	298.3	6.43	13.52	5.16	304.8	9.59	8.16	47.53	44.54	2.995	24.25	26.03	26.355	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2012-02-22	03:00:00"	12.54	291.9	7.625	17.1	6.004	297.9	9.84	12.33	46.62	44.56	2.053	25.6	26.77	26.348		0	0	
"2012-02-22	04:00:00"	13.01	287.3	10.35	18.3	7.159	292.4	11.04	13.52	44.17	43.03	1.134	28.01	28.43	26.339		0	0	
"2012-02-22	05:00:00"	12.38	284.9	7.026	16.51	6.476	291.3	10.46	11.74	45.76	43.5	2.26	27.83	29.03	26.325		0	0	
"2012-02-22	06:00:00"	8.56	251.6	19.46	13.52	6.497	252.5	22.74	11.14	45.08	43.88	1.193	28.57	28.66	26.327		0	0	
"2012-02-22	07:00:00"	11.82	286	8.75	15.31	5.75	293.4	10.58	10.54	45.58	42.96	2.619	28.66	30.36	26.335		0	0	
"2012-02-22	08:00:00"	12.62	292	6.503	17.1	6.421	296.2	8.81	8.75	43.85	42.81	1.037	30.98	31.17	26.327	18.717		0	
"2012-02-22	09:00:00"	12	282.3	16.02	18.89	7.895	286.2	16.36	12.93	46.51	46.6	-0.082	29.61	28.7	26.345	184.28		0	
"2012-02-22	10:00:00"	11.72	269	8.81	22.47	9.43	272.6	9.66	17.1	56.27	56.9	-0.632	20.76	19.24	26.348	386.6		0	
"2012-02-22	11:00:00"	19.76	272.6	8.36	27.84	15.35	276.3	10.48	24.26	64.57	67.43	-2.857	13.1	11.18	26.336	571.87		0	
"2012-02-22	12:00:00"	21.54	267.1	10.53	31.42	17.24	272.5	11.06	27.24	68.01	72	-3.99	10.49	8.1	26.313	713.57		0	
"2012-02-22	13:00:00"	21.69	281	12.07	33.21	15.14	284.6	14.22	27.84	70.99	76.36	-5.369	10.55	7.888	26.293	790.73		0	
"2012-02-22	14:00:00"	21.67	283.7	11.29	35.59	14.78	287	13.07	27.24	72.87	78.88	-6.017	10.48	7.599	26.264	796.7		0	
"2012-02-22	15:00:00"	18.71	276.5	14.66	29.63	13.33	280.4	15.94	24.86	74.34	79.56	-5.219	9.84	7.217	26.225	721.85		0	
"2012-02-22	16:00:00"	19.5	261	11.32	34.4	15.83	266.3	13.16	25.45	75.19	79.23	-4.032	9.13	6.762	26.192	609.51		0	
"2012-02-22	17:00:00"	20.49	264.3	10.64	30.22	16.6	269.9	11.54	27.24	75.23	78.54	-3.314	8.91	6.706	26.172	433.66		0	
"2012-02-22	18:00:00"	19.86	261.2	9.17	30.82	16.34	267.6	9.7	27.24	74.96	76.96	-2.002	8.53	6.605	26.163	232.75		0	
"2012-02-22	19:00:00"	14.78	260.9	7.828	21.87	12.39	268.3	8.03	20.68	72.06	72.62	-0.561	9.92	8.32	26.164	41.206		0	
"2012-02-22	20:00:00"	12.85	260.7	8.36	20.09	10.52	268	8.3	17.1	66.83	66.46	0.376	13.03	11.76	26.163	0.01494		0	
"2012-02-22	21:00:00"	12.24	255.2	9.45	18.3	9.84	261.8	11.64	16.51	63.54	63.14	0.397	14.54	13.39	26.15	0		0	
"2012-02-22	22:00:00"	9.81	230.7	16.3	15.91	7.889	230.2	18.37	12.93	57.83	57.41	0.42	17.41	16.37	26.147	0		0	
"2012-02-22	23:00:00"	10.92	241.7	11.3	19.49	8.89	242.7	13.83	17.1	56.89	55.87	1.017	17.53	16.82	26.148	0		0	
"2012-02-23	00:00:00"	10.66	254.1	8.32	17.7	8.3	260.8	10.66	14.72	54.19	53.96	0.228	19.34	18.33	26.143	0		0	
"2012-02-23	01:00:00"	7.918	245.3	8.01	12.33	6.112	251.6	10.82	11.14	52.11	50.95	1.159	22.25	22.01	26.132	0		0	
"2012-02-23	02:00:00"	9.06	250.4	8.07	13.52	6.631	254	9.5	12.33	53.19	51.38	1.81	21.41	21.68	26.119	0		0	
"2012-02-23	03:00:00"	16.13	254.3	8.8	23.66	12.75	261.6	11.36	20.68	57.51	56.36	1.148	18.37	17.63	26.105	0		0	
"2012-02-23	04:00:00"	15.8	258.3	8.58	25.45	12.79	265.5	9.95	19.49	59.19	58.7	0.487	17.13	16.1	26.097	0		0	
"2012-02-23	05:00:00"	17.75	259.7	9.31	29.03	14.53	265.7	10.33	26.05	59.83	59.54	0.294	15.6	14.48	26.089	0		0	
"2012-02-23	06:00:00"	19.11	265.9	9.08	29.03	15.16	271.2	9.7	25.45	58.01	58.12	-0.11	16.61	15.42	26.09	0		0	
"2012-02-23	07:00:00"	15.13	253.4	9.9	27.84	12.14	259.8	12.44	23.66	58.01	57.73	0.277	16.57	15.43	26.077	0		0	
"2012-02-23	08:00:00"	20.51	265.7	8.88	33.8	16.49	269.4	10.04	27.84	59.56	59.61	-0.047	14.46	13.28	26.067	16.652		0	
"2012-02-23	09:00:00"	19.53	252.9	28.37	30.22	16.44	265.7	11.46	25.45	60.18	60.87	-0.693	14.03	12.49	26.078	192.31	0.02		
"2012-02-23	10:00:00"	16.86	235.8	44.36	49.31	16.48	258.4	35.08	33.21	64.63	65.92	-1.291	12.22	10.41	26.082	384.53		0	
"2012-02-23	11:00:00"	29.61	267.6	9.03	52.29	21.78	271.9	33.9	74.95	69.79	72.16	-2.367	9.29	7.258	26.08	571.42	0.1		
"2012-02-23	12:00:00"	31.77	269.2	8.96	46.33	25.03	274.6	10.26	38.57	72.75	76.43	-3.685	8.95	6.534	26.078	710.94		0	
"2012-02-23	13:00:00"	32.14	283	10.14	45.13	21.17	288.1	12.27	37.98	75.55	80.9	-5.335	7.588	4.931	26.062	791.51		0	
"2012-02-23	14:00:00"	31.49	286.1	9.69	45.13	19.87	291.1	11.65	36.19	77.31	83.3	-6.033	6.668	3.958	26.032	810.4		0	
"2012-02-23	15:00:00"	27.36	273.2	11.4	39.77	20.48	278.8	12.35	32.01	79.07	84.1	-5.029	6.02	3.654	26.007	728.2		0	
"2012-02-23	16:00:00"	23.09	280.7	11.58	36.78	15.66	285.7	13.59	30.22	79.3	84.1	-4.848	7.281	4.9	26.014	613.42		0	
"2012-02-23	17:00:00"	18.79	265.8	10.59	27.24	15.23	272.1	10.95	24.86	78.66	81.4	-2.699	8.3	6.214	26.022	429.52		0	
"2012-02-23	18:00:00"	16.25	314.8	55.87	35	12.76	317.4	52.69	29.03	76.67	78.8	-2.13	11.15	8.89	26.048	222.12		0	
"2012-02-23	19:00:00"	21.63	46.84	8.8	32.01	17.35	49.39	10.8	27.84	61.55	64.26	-2.709	29.02	25.74	26.112	31.136		0	
"2012-02-23	20:00:00"	21.09	44.5	8.57	36.19	16.79	47	10.54	27.24	56.82	58.29	-1.466	31.97	29.64	26.177	0.00172		0	
"2012-02-23	21:00:00"	24.77	40.93	7.994	35.59	19.7	43.4	10.3	32.61	53.05	54.7	-1.653	31.75	29.17	26.234	0		0	
"2012-02-23	22:00:00"	26.9	36.35	7.51	40.96	21.83	37.03	9.99	35	48.01	50.39	-2.386	28.48	25.31	26.305	0		0	
"2012-02-23	23:00:00"	27.99	32.78	7.55	40.36	22.91	33.89	9.89	35	44.2	46.71	-2.514	23.16	19.96	26.358	0		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-24	00:00:00"	24.63	28.35	6.912	36.19	20.34	29.03	10.18	34.4	41.48	44.38	-2.897	27.88	24.1	26.419	0	0
"2012-02-24	01:00:00"	18.21	24.4	6.447	26.65	15.07	25.05	9.81	24.26	39.39	42.41	-3.027	32.35	28.59	26.456	0	0
"2012-02-24	02:00:00"	14.65	18.54	6.247	24.26	11.85	17.88	11.18	20.68	37.92	40.05	-2.134	36.57	33.75	26.491	0	0
"2012-02-24	03:00:00"	11	9.28	12.38	15.31	8.59	5.045	13.44	15.31	36.15	37.11	-0.956	40.52	38.4	26.514	0	0
"2012-02-24	04:00:00"	10.24	358.2	12.74	14.12	7.635	353.1	10.73	11.74	33.99	33.97	0.024	44.85	43.68	26.508	0	0
"2012-02-24	05:00:00"	10.93	346.4	10	15.91	8.32	344.6	10.71	13.52	33.48	33.35	0.127	45.92	45.04	26.519	0	0
"2012-02-24	06:00:00"	7.695	334.7	7.239	9.95	5.045	336.5	8.92	6.964	30.51	29.08	1.425	51.45	52.14	26.541	0	0
"2012-02-24	07:00:00"	8.35	340.4	6.294	10.54	5.539	341.3	7.508	7.561	28.8	27.61	1.192	56.14	56.85	26.564	0	0
"2012-02-24	08:00:00"	8.77	341.6	7.729	13.52	5.979	342.6	8.25	11.14	28	26.81	1.191	58.61	59.68	26.587	17.354	0
"2012-02-24	09:00:00"	9.92	355.7	13.47	15.31	8.25	353.1	14.61	14.12	33.01	33.99	-0.975	51.77	49.69	26.631	187.73	0
"2012-02-24	10:00:00"	11	27.04	14.89	15.31	9.44	27.22	18.87	15.31	39.02	41.6	-2.582	38.52	34.93	26.658	391.66	0
"2012-02-24	11:00:00"	8.63	42.57	18.66	13.52	7.525	41.93	21.84	12.33	42.11	45.07	-2.959	32.85	29.15	26.669	577.85	0
"2012-02-24	12:00:00"	5.466	66.25	60.52	11.14	4.953	71.08	67.38	9.95	43.27	46.69	-3.413	28.31	24.47	26.671	719.59	0
"2012-02-24	13:00:00"	5.325	58.39	71.12	11.74	4.917	58.41	73.83	12.33	45.51	49.14	-3.623	23.78	20.19	26.658	798.36	0
"2012-02-24	14:00:00"	4.7	70.49	76.99	13.52	4.192	80.4	81.5	9.95	47.45	50.64	-3.181	21.3	18.08	26.635	807.12	0
"2012-02-24	15:00:00"	4.696	195.3	54.2	10.54	4.313	196.9	58.34	10.54	49.04	51.87	-2.831	19.94	17.04	26.615	727.5	0
"2012-02-24	16:00:00"	4.795	160.5	88.7	14.12	4.29	151.2	89.9	12.93	50.37	53.25	-2.877	18.64	15.78	26.606	616.21	0
"2012-02-24	17:00:00"	5.807	133.7	40.7	12.33	5.208	136.9	41.86	10.54	51.23	53.53	-2.309	18.1	15.56	26.607	441	0
"2012-02-24	18:00:00"	7.23	157.5	26.48	12.33	6.234	158.7	28.22	11.14	51.08	53.11	-2.032	18.16	15.77	26.605	238.24	0
"2012-02-24	19:00:00"	7.009	163.1	10.72	11.14	5.98	164.1	11.26	9.35	50.16	51.1	-0.935	18.32	16.63	26.618	46.187	0
"2012-02-24	20:00:00"	6.5	157.6	8.99	9.35	5.018	152.1	12.6	8.75	47.74	47.39	0.354	19.34	18.63	26.631	0.03316	0
"2012-02-24	21:00:00"	7.436	134.7	6.775	10.54	4.235	122.3	11.69	7.561	44.79	42.41	2.378	22.43	23.19	26.642	0	0
"2012-02-24	22:00:00"	9.36	147.5	8.15	15.31	7.339	147.5	8.13	13.52	43.39	42.48	0.913	25.19	24.87	26.651	0	0
"2012-02-24	23:00:00"	9.69	151.3	8.09	14.72	7.968	151.5	7.78	11.14	42.42	41.99	0.43	26.91	25.96	26.657	0	0
"2012-02-25	00:00:00"	9.22	152.4	8.69	14.12	7.601	151.9	8.08	11.74	42.02	41.66	0.36	27.56	26.59	26.661	0	0
"2012-02-25	01:00:00"	10.05	155.6	8.74	15.31	8.34	154.5	8.81	12.93	40.72	40.57	0.153	29.27	28.2	26.661	0	0
"2012-02-25	02:00:00"	9.43	154.7	8.75	15.91	7.718	155.4	9.25	14.12	38.57	38.6	-0.031	32.37	31.26	26.659	0	0
"2012-02-25	03:00:00"	6.639	176.3	13.23	11.74	5.112	177.7	14.53	9.95	36.08	36.07	0.009	35.86	34.81	26.653	0	0
"2012-02-25	04:00:00"	6.81	174.2	10.74	11.74	4.943	175.3	12.84	8.16	34.69	34.05	0.637	37.95	37.64	26.638	0	0
"2012-02-25	05:00:00"	9.08	165.8	8.85	14.12	7.041	164.9	9.35	11.74	36.18	35.53	0.653	36.93	36.64	26.623	0	0
"2012-02-25	06:00:00"	9.39	175.2	6.759	14.72	7.388	172.3	9	12.33	34.88	34.62	0.256	38.99	38.4	26.619	0	0
"2012-02-25	07:00:00"	7.434	185.9	10.74	11.14	5.37	187.3	12.81	8.75	33.53	33.16	0.372	41.55	40.82	26.614	0	0
"2012-02-25	08:00:00"	7.218	201.6	8.94	9.95	4.999	206.2	12.11	8.16	32.74	32.17	0.563	43.62	43.22	26.612	22.564	0
"2012-02-25	09:00:00"	9.41	187.8	11.02	18.89	7.738	188.5	13.72	15.91	35.73	36.17	-0.44	41.39	39.5	26.623	194.69	0
"2012-02-25	10:00:00"	21.5	178.3	7.569	32.61	17.56	177	10.15	29.03	44.91	45.13	-0.219	29.45	27.77	26.624	397.94	0
"2012-02-25	11:00:00"	22.31	181.6	8.87	32.01	18.13	181.2	11.57	28.43	48.71	49.78	-1.072	26.25	23.99	26.611	582.77	0
"2012-02-25	12:00:00"	20.75	179.2	9.82	29.63	16.97	178.7	12.68	24.86	51.08	52.74	-1.656	25.37	22.61	26.593	722.02	0
"2012-02-25	13:00:00"	21.47	179.7	11.1	31.42	17.49	179	14.1	26.65	53.64	55.5	-1.859	24.6	21.71	26.556	798.97	0
"2012-02-25	14:00:00"	20.82	182.8	11	30.22	16.92	182.9	13.95	27.84	56.53	58.36	-1.834	22.98	20.18	26.51	805.65	0
"2012-02-25	15:00:00"	21.66	184.2	11.72	35.59	17.56	184.6	15.16	30.22	58.93	61.07	-2.14	22.55	19.68	26.467	725.3	0
"2012-02-25	16:00:00"	21.11	187.8	12.36	36.78	16.97	188.6	15.98	31.42	60.44	62.76	-2.323	21.63	18.73	26.438	614.85	0
"2012-02-25	17:00:00"	20.26	186.7	11	30.82	16.08	187.2	13.98	27.84	61.5	63.67	-2.174	20.47	17.82	26.409	439.04	0
"2012-02-25	18:00:00"	19.38	187.6	10.84	29.03	15.36	188.7	13.98	27.24	62.28	63.74	-1.468	19.87	17.63	26.386	238.4	0
"2012-02-25	19:00:00"	15.66	173	9.81	24.86	12.68	172.1	10.97	21.28	60.79	61.31	-0.52	21.13	19.43	26.376	47.021	0
"2012-02-25	20:00:00"	14.09	165.3	8.43	20.68	11.72	165.1	8.88	18.89	56.46	55.55	0.91	26.32	25.49	26.376	0.04273	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-25	21:00:00"	15.44	166.3	8.31	23.07	12.96	165.4	9.46	19.49	52.85	51.83	1.019	32.14	31.56	26.38	0	0
"2012-02-25	22:00:00"	18.26	172.8	6.653	27.84	14.92	171.9	8.49	22.47	50.51	49.62	0.892	35.28	34.86	26.38	0	0
"2012-02-25	23:00:00"	16.02	178.4	7.299	24.26	12.92	178.2	9.75	22.47	48.28	47.54	0.739	37.77	37.28	26.385	0	0
"2012-02-26	00:00:00"	11.92	184.6	9.36	20.09	9.52	186.5	12.18	15.91	45.08	44.55	0.529	40.51	39.6	26.381	0	0
"2012-02-26	01:00:00"	9.39	186.8	8.65	14.72	7.351	188.9	10.93	12.33	42.12	41.88	0.237	40.88	39.77	26.372	0	0
"2012-02-26	02:00:00"	8.44	193.6	8.5	12.93	6.39	195.8	10.78	9.95	39.5	39.43	0.073	44.21	42.93	26.363	0	0
"2012-02-26	03:00:00"	8.19	200.2	7.902	11.14	5.948	203.4	10.91	8.75	37.77	37.55	0.224	48.33	47.19	26.352	0	0
"2012-02-26	04:00:00"	8.25	204.3	9.06	11.74	6.172	208.3	12.13	9.35	37.31	37.08	0.23	52.09	50.94	26.336	0	0
"2012-02-26	05:00:00"	8.1	206	10.51	11.14	6.282	210.5	13.87	9.35	36.98	36.76	0.225	55.6	54.46	26.325	0	0
"2012-02-26	06:00:00"	7.7	211.8	9.14	10.54	6.117	219.1	10.19	8.75	36.54	36.36	0.175	58.45	57.09	26.323	0	0
"2012-02-26	07:00:00"	8.28	219.9	11.05	11.14	6.936	221.9	10.61	10.54	36.49	36.32	0.171	61.2	59.98	26.332	0	0
"2012-02-26	08:00:00"	7.734	226.1	10.98	11.14	6.567	227.4	13.13	9.95	35.76	35.89	-0.131	64.01	62.4	26.337	23.012	0
"2012-02-26	09:00:00"	9.59	217.7	10.62	13.52	8.27	219.8	10.58	12.33	37.99	38.3	-0.316	63.86	61.39	26.355	189.07	0
"2012-02-26	10:00:00"	9.06	213.4	10.53	14.12	7.831	217.3	12.35	12.33	44.67	45.58	-0.912	53.69	50.34	26.371	387.2	0
"2012-02-26	11:00:00"	8.91	219.7	12.97	14.12	7.691	221.1	14.52	12.33	53.3	54.78	-1.477	41.05	37.68	26.37	572.77	0
"2012-02-26	12:00:00"	9.99	211.6	14.36	15.31	8.4	213.9	15.76	14.72	61.04	63.19	-2.152	32.4	29.17	26.366	714.17	0
"2012-02-26	13:00:00"	11.87	210.9	14.18	18.3	9.89	214.7	16.12	15.91	65.38	68.95	-3.569	27.41	23.63	26.353	792.65	0
"2012-02-26	14:00:00"	10.88	213.4	17.11	16.51	9.22	215.7	19.94	15.91	68.63	72.37	-3.74	24.16	20.49	26.322	802.73	0
"2012-02-26	15:00:00"	11.45	216.5	20.23	23.07	9.52	219.2	22.58	18.89	71.8	75.5	-3.696	20.21	16.94	26.291	725.46	0
"2012-02-26	16:00:00"	12.33	207.2	18.16	24.26	10.16	209.7	20.91	19.49	73.27	76.81	-3.543	19.12	16.03	26.271	613.38	0
"2012-02-26	17:00:00"	13.12	215.8	23.1	22.47	10.78	219	25.51	18.89	74.12	77.08	-2.956	17.49	14.78	26.266	437.87	0
"2012-02-26	18:00:00"	12.22	191.2	17.83	20.68	9.87	192.6	20.99	17.7	73.56	75.51	-1.948	18.95	16.62	26.267	231.98	0
"2012-02-26	19:00:00"	10.82	167.1	11.48	15.91	8.94	166.1	12.32	13.52	70.66	71.34	-0.682	20.77	19.09	26.283	44.055	0
"2012-02-26	20:00:00"	10.07	152.2	8.04	16.51	8.15	151.1	7.727	13.52	65.61	65.22	0.386	24.55	23.49	26.301	0.02318	0
"2012-02-26	21:00:00"	13.18	156.5	9.54	18.89	11.18	155.6	9.39	17.1	61.68	61.78	-0.101	33.42	31.93	26.32	0	0
"2012-02-26	22:00:00"	11.65	167.1	9.23	18.89	9.66	167.9	10.29	16.51	58.45	58.27	0.18	41.61	40.31	26.349	0	0
"2012-02-26	23:00:00"	7.288	159.5	11.96	12.33	6.074	159.3	11.62	11.14	54.51	54.63	-0.114	48.27	46.66	26.368	0	0
"2012-02-27	00:00:00"	5.724	169.5	13.55	9.95	4.725	169	14.54	7.561	52.41	52.39	0.015	52.63	51.24	26.38	0	0
"2012-02-27	01:00:00"	6.276	192.2	16.32	11.14	5.035	195.3	20.66	9.35	50.99	50.9	0.086	56.52	55.18	26.387	0	0
"2012-02-27	02:00:00"	4.877	222.8	13.06	7.561	4.022	229.6	14.63	6.368	50.46	50.34	0.112	59.85	58.51	26.398	0	0
"2012-02-27	03:00:00"	6.567	186.2	8.08	9.95	4.92	186.6	9.81	7.561	49.67	49.55	0.124	64.87	63.31	26.399	0	0
"2012-02-27	04:00:00"	6.239	157	76.55	17.7	4.757	164.1	78.16	15.31	48.44	48.39	0.051	70.65	68.93	26.413	0	0
"2012-02-27	05:00:00"	9.96	29.4	9.26	14.72	7.72	29.07	11.87	11.74	45.5	45.81	-0.308	70.46	68.72	26.442	0	0
"2012-02-27	06:00:00"	9.42	48.8	9.93	14.12	7.16	50.82	12.36	12.93	43.06	43	0.059	72.75	71.52	26.45	0	0
"2012-02-27	07:00:00"	8.3	54.3	7.63	11.74	6.284	54.48	9.97	9.95	41.83	41.69	0.14	77.33	76.28	26.471	0	0
"2012-02-27	08:00:00"	7.367	32.64	12.81	10.54	5.756	30.31	15.79	9.35	41.43	41.82	-0.381	81	78.99	26.5	15.822	0
"2012-02-27	09:00:00"	9.04	25.84	8.02	14.12	7.637	25.24	11.16	12.93	44.53	45.52	-0.99	81	77.42	26.53	61.141	0
"2012-02-27	10:00:00"	10.55	25.21	7.707	14.12	9.02	25.71	11.04	12.93	46.15	47.43	-1.285	76.49	72.74	26.558	86.854	0
"2012-02-27	11:00:00"	11.84	14.12	7.63	15.31	9.95	12.73	13.12	14.12	46.5	47.76	-1.258	76.35	73	26.573	85.907	0
"2012-02-27	12:00:00"	13.11	16.96	7.302	17.1	10.88	16.29	13.3	14.72	46.28	47.69	-1.417	78.67	75.92	26.57	98.275	0
"2012-02-27	13:00:00"	12.85	23.28	8.2	16.51	10.85	23.37	11.97	14.72	45.95	47.4	-1.458	83.6	81.1	26.551	138.44	0
"2012-02-27	14:00:00"	11.02	36.83	9.16	15.31	9.31	37.91	11.66	14.72	47.26	48.6	-1.342	83.8	80.6	26.523	126.98	0
"2012-02-27	15:00:00"	11.26	50.91	9.54	14.72	9.53	52.51	11.32	13.52	48.7	49.75	-1.057	85.7	83.8	26.491	148.9	0
"2012-02-27	16:00:00"	10.56	43.16	10.06	15.91	8.94	44.39	12.14	14.12	49.14	50.07	-0.933	86.6	85.1	26.475	88.988	0
"2012-02-27	17:00:00"	9.48	69.19	17.47	12.93	7.372	70.91	19.28	11.14	50.57	51.14	-0.564	88.4	87.4	26.466	61.806	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-02-27	18:00:00"	9.67	80.4	7.716	13.52	7.54	82.2	9.9	11.74	51.49	51.94	-0.453	89.1	88.1	26.458	45.97	0
"2012-02-27	19:00:00"	9.41	76.67	9.19	15.31	7.005	78.28	10.9	11.74	52.34	52.56	-0.219	89.5	88.5	26.45	17.284	0
"2012-02-27	20:00:00"	12.04	94.1	9.19	18.89	9.49	96	10.19	14.72	52.64	52.98	-0.341	89.5	88.2	26.446	0.06536	0
"2012-02-27	21:00:00"	14.6	95.4	6.605	20.09	11.85	97.1	7.87	17.1	53.71	54.42	-0.714	89.8	88.2	26.435	0	0
"2012-02-27	22:00:00"	12.98	104.4	7.851	18.89	10.6	105.9	9.29	15.31	54.34	55.02	-0.677	89.8	87.6	26.432	0	0
"2012-02-27	23:00:00"	14.38	114.6	9.21	20.68	11.45	117.4	10.96	18.3	54.21	54.67	-0.46	89.4	87.3	26.426	0	0
"2012-02-28	00:00:00"	16.86	130.3	7.173	24.26	13.6	132	7.892	21.28	54.78	54.84	-0.061	89.2	87	26.399	0	0
"2012-02-28	01:00:00"	18.79	135.5	6.639	27.24	15.44	137	6.957	24.26	55.55	55.58	-0.031	88.2	86	26.371	0	0
"2012-02-28	02:00:00"	14.82	137.7	7.523	23.07	12.19	139	7.564	18.89	55.81	55.84	-0.033	87.2	85.5	26.359	0	0
"2012-02-28	03:00:00"	15	155.9	11.72	24.86	12.5	155.7	11.56	20.09	56.99	56.42	0.57	86.1	84.8	26.332	0	0
"2012-02-28	04:00:00"	18.87	168.8	7.761	28.43	15.6	167.9	9.18	23.66	59.59	57.73	1.853	79.81	81.9	26.309	0	0
"2012-02-28	05:00:00"	20.53	174.6	6.654	29.63	16.75	173.2	8.87	26.05	59.11	57.89	1.214	79.9	81.4	26.301	0	0
"2012-02-28	06:00:00"	16.31	178.9	7.23	24.26	13.33	178.3	10.28	21.87	58.94	56.96	1.977	79.26	83.4	26.306	0	0
"2012-02-28	07:00:00"	9.77	197.5	13.87	18.89	7.637	200.3	17.4	15.31	55.74	55.34	0.407	84.2	85.5	26.316	0	0
"2012-02-28	08:00:00"	7.155	204.6	10.66	10.54	4.957	209.6	14.68	9.95	53.22	53.45	-0.231	87.9	87.6	26.318	6.6957	0
"2012-02-28	09:00:00"	12.21	185.3	9.9	24.26	9.24	185	12.11	20.09	54.51	54.33	0.172	89.8	89.3	26.317	126.14	0
"2012-02-28	10:00:00"	20.02	181.8	9.05	27.24	16.2	181.5	11.93	23.66	60.25	59.37	0.878	83.1	80.5	26.315	373.88	0
"2012-02-28	11:00:00"	18.84	200.9	15.87	28.43	15.1	203.2	18.72	24.86	64.78	64.89	-0.111	63.74	61.58	26.315	568.59	0
"2012-02-28	12:00:00"	18.23	217.8	14.73	29.63	14.94	220.2	16.24	26.05	67.45	69.57	-2.113	46.56	42.57	26.311	712.6	0
"2012-02-28	13:00:00"	22.48	221.7	13.77	36.78	18.55	223.5	15.25	30.22	71.52	74.37	-2.85	28.16	25.03	26.286	793.43	0
"2012-02-28	14:00:00"	27.95	235.6	14.78	48.12	23.39	239.1	17.1	40.96	75.06	78.04	-2.979	17.81	15.02	26.262	783.49	0
"2012-02-28	15:00:00"	31.11	245.5	12.41	51.69	26.01	251.3	15.53	43.35	75.68	78.52	-2.842	13.88	11.29	26.245	714.31	0
"2012-02-28	16:00:00"	32.1	246.1	10.49	48.12	26.34	251.3	12.94	45.13	76.49	79.18	-2.691	10.95	8.6	26.247	602.48	0
"2012-02-28	17:00:00"	31.46	245.9	10.56	47.52	25.66	251	13.28	42.75	76.23	78.76	-2.524	9.37	7.154	26.259	423.31	0
"2012-02-28	18:00:00"	30.58	250.4	9.49	48.71	24.41	257.4	12.63	42.15	75.02	77.01	-1.995	7.519	5.515	26.27	210.67	0
"2012-02-28	19:00:00"	21.52	255.7	10.13	40.36	17.34	263	11.74	33.21	72.1	74.05	-1.955	6.916	5.087	26.292	30.434	0
"2012-02-28	20:00:00"	14.66	266.9	8.75	23.07	11.61	272.1	9.43	18.3	67.95	69.97	-2.018	6.888	5.205	26.324	0.03697	0
"2012-02-28	21:00:00"	13.89	295.5	11.88	19.49	8.1	300.6	12.81	15.31	61.93	65.71	-3.782	13	10.31	26.355	0	0
"2012-02-28	22:00:00"	13.45	314.9	7.547	18.89	9.05	319.1	9.41	14.72	57.78	60.77	-2.996	17.02	14.52	26.379	0	0
"2012-02-28	23:00:00"	12.21	330.6	6.276	15.31	8.21	333.9	7.985	11.74	53.36	53.09	0.266	20.36	19.6	26.401	0	0
"2012-02-29	00:00:00"	13.81	345.8	10.33	20.09	10.31	345	10.54	17.7	50.21	49.7	0.516	21.99	21.37	26.402	0	0
"2012-02-29	01:00:00"	15.64	350.3	12.37	21.28	11.99	348.4	10.67	18.3	49.22	48.93	0.288	19.72	18.94	26.405	0	0
"2012-02-29	02:00:00"	9.73	357.5	55.53	17.1	7.311	358.2	55.97	14.72	47.03	46.6	0.427	19.17	18.62	26.428	0	0
"2012-02-29	03:00:00"	6.92	333.3	52.26	13.52	4.684	323.7	65.95	8.75	45.25	43.03	2.221	19.51	20.24	26.436	0	0
"2012-02-29	04:00:00"	4.124	152.8	78.75	8.16	3.92	152.6	70.17	7.561	45.27	43.23	2.034	19.52	20.29	26.434	0	0
"2012-02-29	05:00:00"	2.584	22.81	94.6	8.16	2.907	356.9	90.5	5.771	45.76	40.53	5.228	18.73	22.96	26.437	0	0
"2012-02-29	06:00:00"	2.677	261.3	38.38	6.368	2.657	295.9	54.85	6.368	43.16	39.36	3.796	21.73	24.62	26.45	0	0
"2012-02-29	07:00:00"	4.732	296.9	13.08	6.964	2.75	319.9	25.11	5.175	40.99	35.84	5.149	23.23	27.97	26.459	0	0
"2012-02-29	08:00:00"	5.011	286.7	16.52	6.964	3.078	303.7	21.08	5.175	40.94	35.24	5.698	22.97	28.58	26.47	27.849	0
"2012-02-29	09:00:00"	5.592	307.1	11.4	9.35	4.099	316.9	12.28	8.16	42.92	42.27	0.653	24.2	25.53	26.49	194.44	0
"2012-02-29	10:00:00"	8.94	329	10.08	12.93	7.623	330.7	11.45	11.74	50.09	52.85	-2.761	20.53	18.12	26.501	420.58	0
"2012-02-29	11:00:00"	6.183	262	34.1	11.14	5.339	265.5	35.74	10.54	54.69	58.27	-3.577	16.84	14.03	26.495	605.47	0
"2012-02-29	12:00:00"	7.367	233.7	23.9	13.52	6.85	237.9	26.45	11.74	58.17	62.17	-4.001	16	13.02	26.485	722.31	0
"2012-02-29	13:00:00"	8.07	222.5	22.96	16.51	7.438	224.7	26.66	15.91	62.61	66.51	-3.907	12.95	10.28	26.462	826.24	0
"2012-02-29	14:00:00"	10	218.8	26.75	18.89	8.67	222.2	30.26	18.89	65.84	70.15	-4.305	11.29	8.62	26.428	704.45	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-02-29	15:00:00"	10.07	230.8	26.82	20.68	8.64	234.7	29.75	17.1	68.36	72.06	-3.703	8.87	6.532	26.395	699.79	0
"2012-02-29	16:00:00"	11.91	238.8	19.92	20.68	9.95	244.1	22.7	17.7	69.44	70.54	-1.106	7.076	5.308	26.377	478.99	0
"2012-02-29	17:00:00"	11.63	237	16	20.09	10.02	240.8	18.78	18.3	70.28	70.82	-0.54	5.692	4.044	26.358	336.68	0
"2012-02-29	18:00:00"	12.07	214.1	14.41	19.49	9.9	216.6	15.75	16.51	69.96	70.92	-0.959	6.677	4.996	26.35	215.94	0
"2012-02-29	19:00:00"	8.31	221.5	13.02	13.52	7.136	223.2	12.82	11.74	66.97	67.23	-0.265	8.17	6.616	26.355	29.817	0
"2012-02-29	20:00:00"	10.56	219	11.47	16.51	8.73	220.6	11.43	14.72	62.5	62.27	0.222	10.32	8.97	26.361	0.02922	0
"2012-02-29	21:00:00"	9.34	222.4	11.58	15.91	7.877	222.5	12.08	14.12	59.34	58.98	0.359	10.7	9.44	26.368	0	0
"2012-02-29	22:00:00"	8.02	234.7	10.5	12.33	6.698	240.2	13.02	11.74	56.45	55.96	0.485	11.57	10.48	26.371	0	0
"2012-02-29	23:00:00"	7.289	242.7	11.27	9.95	5.712	249	15.44	9.95	53.9	52.27	1.628	12.71	12.48	26.378	0	0
"2012-03-01	00:00:00"	6.819	234.1	11.61	11.74	5.883	238.3	14.51	9.35	53.05	51.94	1.111	13.49	12.76	26.376	0	0
"2012-03-01	01:00:00"	7.683	227.9	12.78	12.93	6.353	229.7	14.62	9.95	51.8	51	0.793	14.58	13.66	26.364	0	0
"2012-03-01	02:00:00"	7.42	230.1	15.99	11.74	5.81	233.8	18.78	9.35	48.21	47.46	0.756	16.33	15.57	26.357	0	0
"2012-03-01	03:00:00"	7.358	227.4	14.49	13.52	5.416	228.9	18.14	9.35	47.2	46	1.2	16.92	16.4	26.343	0	0
"2012-03-01	04:00:00"	8.2	247.8	7.641	11.74	5.61	255.6	9.28	8.75	47.37	45.43	1.942	17.26	17.52	26.329	0	0
"2012-03-01	05:00:00"	7.558	245.2	10.71	10.54	5.373	252.2	12.34	8.16	47.94	46.02	1.924	17.14	17.27	26.319	0	0
"2012-03-01	06:00:00"	6.008	247.1	19.12	9.35	4.141	254.8	26.72	7.561	48.38	46.21	2.164	17.31	17.51	26.311	0	0
"2012-03-01	07:00:00"	8.29	268.7	10.87	11.14	5.406	279.5	11.51	8.75	49.15	45.03	4.122	17.71	19.46	26.31	0	0
"2012-03-01	08:00:00"	7.38	272.2	9.55	9.95	4.475	282.7	10.26	6.964	48.1	43.97	4.125	18.44	20.8	26.31	26.599	0
"2012-03-01	09:00:00"	6.464	260.1	25.34	9.35	4.454	263.6	26.38	8.16	48.27	47.36	0.915	19.93	20.08	26.317	194.86	0
"2012-03-01	10:00:00"	8.78	218.1	16.38	15.91	7.489	222.4	16.9	14.12	54.36	55.18	-0.817	17.5	15.73	26.318	410.56	0
"2012-03-01	11:00:00"	8.58	229.4	14.4	16.51	7.626	232.2	16.14	12.93	62.43	63.72	-1.289	13.63	11.69	26.307	605.34	0
"2012-03-01	12:00:00"	10.37	236.6	15.31	18.3	9.19	239.6	17.89	16.51	67.65	70.16	-2.509	9.84	7.723	26.289	735.1	0
"2012-03-01	13:00:00"	11.97	231.5	18.73	20.09	10.31	235.1	20.93	18.3	69.98	74.23	-4.252	8.16	5.856	26.257	818.93	0
"2012-03-01	14:00:00"	14.56	240.7	15.34	27.24	12.59	243.6	17.64	24.26	73.21	76.87	-3.667	4.62	2.726	26.21	833.97	0
"2012-03-01	15:00:00"	18.92	253	12.97	27.84	15.88	258.8	15.73	27.24	74.74	80.8	-6.012	2.816	0.801	26.171	754.03	0
"2012-03-01	16:00:00"	17.81	256.8	11.56	28.43	14.81	263.1	13.9	27.24	75.52	81.1	-5.531	2.791	0.789	26.144	637.57	0
"2012-03-01	17:00:00"	20.37	237.8	15.38	35	17.6	240.7	19.05	29.03	75.55	79.41	-3.863	3.511	1.532	26.124	448.55	0
"2012-03-01	18:00:00"	23.02	230.6	12.56	37.38	20.15	232.3	14.77	34.4	73.86	77.66	-3.803	5.227	3.076	26.108	240.23	0
"2012-03-01	19:00:00"	20.89	232.3	12.5	35.59	18.32	233.8	14.5	30.82	71.2	72.35	-1.153	6.344	4.534	26.115	46.841	0
"2012-03-01	20:00:00"	14.46	231.3	13.16	26.65	12.55	232.9	15.31	26.65	67.16	67.64	-0.48	7.824	6.161	26.137	0.09272	0
"2012-03-01	21:00:00"	9.68	205.1	12.25	15.91	7.812	205.4	13.63	14.12	61.25	60.75	0.507	10.24	8.97	26.132	0	0
"2012-03-01	22:00:00"	9.54	233.5	18.67	23.07	7.907	234	21.26	18.89	58.25	57.75	0.498	11.46	10.2	26.139	0	0
"2012-03-01	23:00:00"	21.47	267.5	9.87	33.8	16.86	273.3	10.28	30.82	61.78	62.83	-1.044	11.66	9.99	26.14	0	0
"2012-03-02	00:00:00"	25.13	272.3	7.167	36.19	19.28	276.6	9.27	30.82	63.2	65.69	-2.484	11.91	9.59	26.14	0	0
"2012-03-02	01:00:00"	21.32	275.7	6.466	30.82	15.73	280.6	8.87	27.24	61.83	64.77	-2.938	11.76	9.41	26.157	0	0
"2012-03-02	02:00:00"	20.96	272.1	7.594	30.22	16.06	276.3	9.82	28.43	60.96	63.23	-2.275	10.41	8.31	26.166	0	0
"2012-03-02	03:00:00"	18.4	273.7	6.904	27.84	13.84	278.4	9.22	23.07	59.6	61.13	-1.525	10.23	8.5	26.179	0	0
"2012-03-02	04:00:00"	15.84	318	28.57	27.84	12.05	319.2	27.41	21.87	53.39	53.91	-0.516	18.51	16.74	26.202	0	0
"2012-03-02	05:00:00"	12.93	340.2	9.71	18.89	9.78	339.5	10.15	15.91	46.63	46.04	0.59	29.24	28.27	26.212	0	0
"2012-03-02	06:00:00"	12.6	0.448	13.61	17.7	9.48	357.2	12.63	15.91	44.28	43.89	0.396	31.34	30.56	26.217	0	0
"2012-03-02	07:00:00"	11.94	1.127	12.65	16.51	8.56	357.9	12.32	13.52	42.13	41.89	0.235	33.04	32.33	26.217	0.00019	0
"2012-03-02	08:00:00"	11.58	3.204	12.44	17.1	7.984	0.17	12.58	15.31	40.85	38.86	1.992	33.41	34.7	26.221	33.59	0
"2012-03-02	09:00:00"	11.25	6.624	12.03	15.91	9.31	4.259	14.18	14.72	46.69	48.07	-1.373	25.35	23.77	26.244	222.32	0
"2012-03-02	10:00:00"	11.42	37.5	14.7	17.1	9.86	38.81	16.09	16.51	49.64	51.95	-2.311	22.2	19.69	26.268	353.8	0
"2012-03-02	11:00:00"	7.128	66.3	24.02	13.52	6.29	66.74	26.17	11.14	53.47	55.7	-2.239	17.26	14.87	26.27	607.88	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-02	12:00:00"	5.231	173.9	54.22	14.72	4.917	178.5	55.5	13.52	56.8	58.69	-1.889	14.9	12.71	26.261	756.02	0	
"2012-03-02	13:00:00"	9.61	176.9	27.25	17.7	8.23	177.3	28.85	17.1	59.68	61.67	-1.985	14.28	11.95	26.238	830.77	0	
"2012-03-02	14:00:00"	10.63	204.3	32.97	26.65	9.04	206.4	35.95	24.26	62.16	63.79	-1.633	13.4	11.18	26.204	835.62	0	
"2012-03-02	15:00:00"	16.12	237.1	20.45	29.63	13.73	240.9	23.41	24.86	65.75	67.46	-1.717	11.88	9.67	26.168	750.57	0	
"2012-03-02	16:00:00"	16.57	240.7	17.69	33.21	14.32	244.3	20.7	27.84	66.8	69.48	-2.672	11.02	8.71	26.142	635.02	0	
"2012-03-02	17:00:00"	22.11	254.6	15.36	37.98	18.33	260.9	17.33	33.8	68.7	71.63	-2.935	9.06	6.837	26.128	443.06	0	
"2012-03-02	18:00:00"	24.15	305.8	42.64	39.17	19.03	308.3	40.53	31.42	68.34	70.58	-2.232	10.36	8.16	26.135	237.56	0	
"2012-03-02	19:00:00"	30.77	355.8	15.19	45.13	24.28	352.9	16.29	38.57	58.36	60.52	-2.164	20.49	17.75	26.202	38.601	0	
"2012-03-02	20:00:00"	23.11	350.8	12.31	33.8	18.27	348.6	13.21	30.82	53.3	54.68	-1.381	13.06	11.24	26.279	0.08289	0	
"2012-03-02	21:00:00"	20.77	350.5	11.63	30.22	16.46	348.7	12.15	26.05	50.62	51.22	-0.6	12.68	11.12	26.333	0	0	
"2012-03-02	22:00:00"	16.59	353.3	12.93	24.26	13.01	351	12.69	21.28	48.1	48.24	-0.145	17.49	16.08	26.375	0	0	
"2012-03-02	23:00:00"	12.38	359.1	12.74	18.89	9.58	355.7	13	15.31	44.78	44.36	0.418	23.73	22.58	26.397	0	0	
"2012-03-03	00:00:00"	9.95	3.333	11.68	14.72	7.201	358.6	11.72	11.14	40.39	39.78	0.604	31.87	30.83	26.418	0	0	
"2012-03-03	01:00:00"	11.71	356.9	12.52	16.51	8.89	353.9	12.99	13.52	38.13	37.81	0.324	54.13	52.57	26.437	0	0	
"2012-03-03	02:00:00"	9.78	357.4	14.48	14.12	7.258	356.4	15.95	11.14	36.19	35.7	0.499	66.11	64.83	26.455	0	0	
"2012-03-03	03:00:00"	9	336.8	6.136	12.33	5.94	334.2	8.49	9.95	33.78	32.38	1.399	69.91	69.7	26.465	0	0	
"2012-03-03	04:00:00"	7.964	338.9	15.42	14.12	5.645	339	16.92	11.74	31.77	30.6	1.173	74.6	74.97	26.472	0	0	
"2012-03-03	05:00:00"	12.8	332.5	7.432	19.49	9.59	332.7	9.17	14.72	31.28	32.15	-0.869	75.65	73.7	26.469	0	0	
"2012-03-03	06:00:00"	11.83	330.7	7.607	16.51	8.81	332.2	8.94	12.93	30.26	31.01	-0.75	75.49	72.65	26.487	0	0	
"2012-03-03	07:00:00"	11.22	327.2	6.628	15.31	8.2	329.1	8.4	12.93	28.95	28.93	0.022	76.11	75.18	26.503	0.0191	0	
"2012-03-03	08:00:00"	11.06	323.4	7.703	15.91	8.12	325.7	9.14	13.52	28.51	28.94	-0.435	76.27	74.87	26.526	35.497	0	
"2012-03-03	09:00:00"	11.78	319.7	7.875	16.51	9.02	322	9.59	14.72	32.73	34.77	-2.035	70.73	66.52	26.559	219.93	0	
"2012-03-03	10:00:00"	12.73	324	10.27	17.7	10.07	325.6	12.02	15.31	39.35	42.5	-3.151	54.21	48.35	26.582	427.33	0	
"2012-03-03	11:00:00"	10.15	310	22.13	17.1	7.841	311.7	22.13	15.91	44.29	47.34	-3.051	35.25	31.24	26.583	614.2	0	
"2012-03-03	12:00:00"	8.17	279.1	27.71	15.91	6.852	280.9	27.62	14.12	46.38	49.08	-2.7	28.36	24.89	26.574	751.55	0	
"2012-03-03	13:00:00"	13.18	293.2	22.53	23.07	9.81	296.6	24.76	18.89	49.36	53.11	-3.75	22.42	18.92	26.555	827.98	0	
"2012-03-03	14:00:00"	15.82	303.4	18.34	27.84	11.13	306.3	19.28	23.07	51.3	56.6	-5.306	17.98	14.19	26.533	834.41	0	
"2012-03-03	15:00:00"	17.17	302.5	17.03	29.03	11.9	306	17.69	23.07	52.69	58.55	-5.861	12.17	8.9	26.517	753.61	0	
"2012-03-03	16:00:00"	19.68	303.8	13.59	33.21	12.99	307.2	14.72	23.07	55.56	62.63	-7.065	8.69	5.336	26.495	647.56	0	
"2012-03-03	17:00:00"	17.79	305.7	13.45	29.63	11.6	309.1	14.15	23.07	57.57	62.95	-5.382	8.11	5.246	26.485	464.27	0	
"2012-03-03	18:00:00"	16.47	313.2	11.34	29.03	11.38	316.7	12.6	25.45	58.52	62.09	-3.574	7.756	5.323	26.488	256.82	0	
"2012-03-03	19:00:00"	10.38	317	11.49	20.68	6.754	319.3	13.63	16.51	56.76	56.31	0.451	8.58	7.208	26.504	57.319	0	
"2012-03-03	20:00:00"	4.826	302.1	33.42	9.35	3.404	302.2	40.56	5.175	53.34	49.88	3.461	9.81	9.69	26.517	0.12966	0	
"2012-03-03	21:00:00"	4.126	244.7	14.4	7.561	2.866	229.7	16.9	6.368	49.85	48.22	1.629	11.78	11.49	26.535	0	0	
"2012-03-03	22:00:00"	4.531	251.8	16.63	8.16	2.944	261	42.65	5.771	48	45.11	2.889	11.53	12.28	26.552	0	0	
"2012-03-03	23:00:00"	5.624	242.9	10.88	8.75	4.058	245.9	13.43	6.368	46.48	45.14	1.341	11.5	11.23	26.558	0	0	
"2012-03-04	00:00:00"	4.654	253.6	16.16	9.35	3.59	260.3	23.96	6.964	45.25	43.26	1.986	12.08	12.29	26.551	0	0	
"2012-03-04	01:00:00"	3.57	228	19.54	6.964	2.929	221.5	30.29	4.578	44.27	41.75	2.523	12.74	13.89	26.537	0	0	
"2012-03-04	02:00:00"	5.782	218.3	12.32	8.16	4.259	220.8	15.39	6.368	43.26	41.73	1.532	13.02	12.95	26.53	0	0	
"2012-03-04	03:00:00"	3.782	206.6	15.07	6.964	3.31	201.6	16.24	5.175	40.03	39.18	0.842	15.17	14.87	26.512	0	0	
"2012-03-04	04:00:00"	5.881	283.9	28.53	11.74	3.051	280.4	32.17	5.175	40.4	37.14	3.259	15.45	17.03	26.497	0	0	
"2012-03-04	05:00:00"	8.91	298.7	5.827	11.14	3.32	304.7	9.17	5.771	38.89	33.22	5.675	18.34	22.03	26.486	0	0	
"2012-03-04	06:00:00"	8.87	298	10.16	13.52	3.959	299.5	20.56	6.964	38.02	34.89	3.137	20.13	21.95	26.485	0	0	
"2012-03-04	07:00:00"	6.704	275.2	19.64	10.54	4.039	275.1	26.38	6.964	38.73	35.98	2.751	19.14	20.32	26.495	0.03061	0	
"2012-03-04	08:00:00"	4.271	266.7	21.14	8.75	2.699	292.4	23.15	5.175	36.94	33.76	3.183	20.95	23.33	26.51	40.265	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2012-03-04	09:00:00"	3.7	228.9	17.88	8.75	3.939	231.6	21.02	8.75	39.25	39.46	-0.204	22.04	21.09	26.537	229.13	0
"2012-03-04	10:00:00"	8.18	280.6	13.41	13.52	6.077	282.1	16.22	11.74	49.83	51.28	-1.449	16.06	14.17	26.55	438.43	0
"2012-03-04	11:00:00"	8.33	278.9	17.23	13.52	6.696	283	18.65	11.74	59.18	61.33	-2.153	11.96	9.88	26.54	627.72	0
"2012-03-04	12:00:00"	8.71	274.7	18.31	14.72	6.766	278	20.81	13.52	63.89	67.42	-3.533	10.35	7.977	26.53	769.8	0
"2012-03-04	13:00:00"	10.32	278.1	22.25	23.07	8.01	281.1	24.22	20.68	66.61	70.61	-3.998	9.92	7.436	26.516	847.8	0
"2012-03-04	14:00:00"	12.62	286.9	20.75	22.47	9.25	290.6	21.56	18.89	68.82	75.5	-6.677	9.07	6.168	26.488	850.56	0
"2012-03-04	15:00:00"	12.18	296	22.36	21.87	8.75	298.8	23.45	16.51	69.96	75.96	-5.994	9.02	6.158	26.464	767.51	0
"2012-03-04	16:00:00"	9.65	280.4	23.98	19.49	7.706	284.3	27.04	15.91	70.4	74.4	-3.997	9.04	6.534	26.456	654.41	0
"2012-03-04	17:00:00"	8.16	290.9	37.62	17.1	6.801	294	37.06	17.1	71.08	73.67	-2.592	8.94	6.727	26.455	470.15	0
"2012-03-04	18:00:00"	6.373	331.3	59.31	14.72	5.534	332	60.35	12.33	70.38	71.9	-1.521	10.3	8.26	26.46	256.28	0
"2012-03-04	19:00:00"	8.92	19.61	11.47	13.52	6.708	18.87	14.28	12.93	66.86	66.56	0.292	13.45	12.01	26.477	57.349	0
"2012-03-04	20:00:00"	6.013	43.21	7.174	8.75	3.159	37.1	13.67	4.578	61.8	57.73	4.071	15.9	16.45	26.499	0.1434	0
"2012-03-04	21:00:00"	8.54	67.69	13.24	10.54	5.262	65.83	16.48	6.964	58.24	53.62	4.628	18.59	19.64	26.522	0	0
"2012-03-04	22:00:00"	10.17	60.47	5.889	13.52	5.911	60.39	9.92	9.35	54.87	51.6	3.274	19.2	20.26	26.539	0	0
"2012-03-04	23:00:00"	10.25	63.3	4.731	12.93	6.338	62.35	7.783	8.75	49.13	47.94	1.185	23.59	23.12	26.553	0	0
"2012-03-05	00:00:00"	10.91	56.87	5.567	13.52	7.209	56.43	7.204	10.54	48.13	46.88	1.251	25.22	24.9	26.56	0	0
"2012-03-05	01:00:00"	10.46	64.28	4.645	12.93	6.545	61.82	7.636	9.35	46.53	45.06	1.466	27.5	27.37	26.555	0	0
"2012-03-05	02:00:00"	9.94	54.99	6.03	12.93	6.89	53.49	7.941	9.95	46.61	44.93	1.676	27.96	28.17	26.56	0	0
"2012-03-05	03:00:00"	9.26	55.37	5.295	12.33	6.389	54.18	7.048	9.95	46.07	45.09	0.985	28.38	27.97	26.557	0	0
"2012-03-05	04:00:00"	6.771	49.31	8.13	9.35	4.811	36.17	14.65	7.561	45.02	42.15	2.871	29.5	30.7	26.551	0	0
"2012-03-05	05:00:00"	5.734	48.42	8.15	7.561	5.002	21.97	4.637	6.964	44.86	38.69	6.164	29.71	34.89	26.546	0	0
"2012-03-05	06:00:00"	5.037	36.86	11.28	9.35	5.334	15.22	5.704	6.964	44.43	37.13	7.301	29.95	37.08	26.553	0	0
"2012-03-05	07:00:00"	8.09	17.6	3.959	10.54	5.343	12.97	5.2	6.368	43.44	34.99	8.45	31.19	40.2	26.564	0.02984	0
"2012-03-05	08:00:00"	8.26	15.62	3.37	9.95	5.289	13.24	7.026	6.368	41.65	35.73	5.918	33.16	40.32	26.574	38.585	0
"2012-03-05	09:00:00"	4.462	51.01	19.29	7.561	4.261	47.08	21.34	6.368	45.11	45.31	-0.2	31.81	31.1	26.599	226.61	0
"2012-03-05	10:00:00"	6.916	117.2	14.99	11.14	6.028	119.2	16.78	10.54	53.64	54.68	-1.038	23.22	21.33	26.615	439.1	0
"2012-03-05	11:00:00"	7.334	137.1	15.66	11.74	6.461	139.5	16.02	10.54	58.23	59.71	-1.474	19.89	17.73	26.613	627.64	0
"2012-03-05	12:00:00"	7.792	157.7	15.72	12.93	6.884	158.7	17.19	12.33	61.98	64.3	-2.322	17.34	14.89	26.603	771.25	0
"2012-03-05	13:00:00"	10.24	155.2	15.61	20.09	8.99	156	16.75	18.89	65.95	69.33	-3.383	15	12.23	26.583	849.57	0
"2012-03-05	14:00:00"	13.03	173.5	13.1	23.66	10.93	173.7	14.96	21.28	69.49	72.74	-3.248	12.43	9.87	26.544	856.27	0
"2012-03-05	15:00:00"	16.42	184.7	14	23.66	13.57	184.5	17.03	20.68	71.7	74.82	-3.118	9.03	6.739	26.505	776.13	0
"2012-03-05	16:00:00"	17.75	189.6	13.26	28.43	14.26	190.7	16.62	24.86	72.83	75.88	-3.055	6.901	4.778	26.475	664.36	0
"2012-03-05	17:00:00"	15.7	192.2	12.95	24.86	12.51	193.2	16.06	21.28	73.38	76.06	-2.685	6.5	4.474	26.456	484.27	0
"2012-03-05	18:00:00"	15.96	185.6	10.77	24.86	12.93	185.5	13.1	20.68	73.38	74.78	-1.402	6.653	4.833	26.44	236.69	0
"2012-03-05	19:00:00"	11.64	176.4	9.47	19.49	9.21	175.1	11.3	16.51	71.18	71.12	0.062	8.49	7.004	26.438	37.934	0
"2012-03-05	20:00:00"	11.99	160.3	9.52	18.3	9.81	160	9.72	15.31	65.94	65.87	0.071	14.8	13.29	26.448	0.05431	0
"2012-03-05	21:00:00"	13.6	156.3	9.16	20.09	11.54	155.2	9.16	17.7	62.3	62.48	-0.181	21.59	19.94	26.457	0	0
"2012-03-05	22:00:00"	14.41	165.4	8.97	23.07	11.83	164.9	10.24	20.09	60.98	61.11	-0.13	31.98	30.35	26.466	0	0
"2012-03-05	23:00:00"	17.25	171.7	6.77	24.26	13.93	171.1	8.75	20.09	59.44	59.65	-0.206	38.95	37.45	26.464	0	0
"2012-03-06	00:00:00"	17.02	177.9	7.635	27.24	13.65	178.1	10.3	21.28	58.27	58.57	-0.299	41.26	39.56	26.451	0	0
"2012-03-06	01:00:00"	14.85	178.1	7.397	22.47	11.86	177.6	9.57	18.89	57.1	57.41	-0.301	42.02	40.28	26.435	0	0
"2012-03-06	02:00:00"	10.47	189.7	10.42	17.1	8.11	191.4	12.82	14.12	54.66	54.4	0.268	44.96	43.8	26.425	0	0
"2012-03-06	03:00:00"	9.14	203.8	8.66	12.93	6.873	208.4	11.03	9.95	52.55	52.1	0.455	48.61	47.72	26.412	0	0
"2012-03-06	04:00:00"	9.21	195.6	8.48	14.12	7.049	198.5	11.46	11.74	51.78	51.28	0.504	51.68	50.97	26.388	0	0
"2012-03-06	05:00:00"	9.64	194.3	10.13	15.31	7.429	196.3	13.56	13.52	51.13	50.79	0.346	54.9	54.08	26.366	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-06	06:00:00"	9.1	191.3	7.964	12.93	6.896	192.7	10.74	11.14	49.71	49.26	0.452	59.09	58.52	26.361	0	0
"2012-03-06	07:00:00"	8.92	188.9	8.01	12.33	6.729	189.9	10.12	9.95	48.03	47.67	0.367	64.64	64.04	26.367	0.00508	0
"2012-03-06	08:00:00"	7.292	197.5	9.9	9.95	5.211	201.9	13.5	8.16	46.2	45.77	0.422	70.04	69.36	26.366	15.235	0
"2012-03-06	09:00:00"	8.72	195.3	10.78	16.51	6.754	198.2	13.71	14.12	46.99	47.1	-0.109	74.38	72.74	26.369	157.35	0
"2012-03-06	10:00:00"	14.26	179.2	8.11	20.09	11.76	178.4	10.5	18.3	54.65	54.99	-0.348	65.11	61.86	26.369	423.79	0
"2012-03-06	11:00:00"	16.28	179.2	8.61	22.47	13.45	178.6	11.42	19.49	60.7	61.03	-0.331	50.94	47.95	26.361	627.21	0
"2012-03-06	12:00:00"	16.9	176.1	9.19	23.07	14.01	175.1	10.69	20.68	64.16	65.22	-1.056	43.2	39.79	26.349	758.99	0
"2012-03-06	13:00:00"	17.97	175.2	9.74	24.86	14.97	174.5	11.33	21.87	67.83	69.68	-1.854	35.95	32.56	26.321	837.96	0
"2012-03-06	14:00:00"	18.92	178.5	9.91	26.65	15.55	178.1	12.84	23.07	70.92	73.2	-2.279	28.42	25.11	26.277	834.81	0
"2012-03-06	15:00:00"	18.97	180.3	10.5	28.43	15.49	179.9	13.46	26.65	73.8	76.54	-2.735	23.49	20.24	26.238	747.77	0
"2012-03-06	16:00:00"	19.14	176.9	10.42	27.24	15.51	175.6	12.81	23.07	73.18	76.16	-2.973	25.48	22.14	26.21	636.38	0
"2012-03-06	17:00:00"	19.5	171.1	9.44	26.65	15.91	170.8	11.11	22.47	72.06	75.12	-3.062	29.01	25.45	26.191	463.88	0
"2012-03-06	18:00:00"	20.17	162.6	11.13	30.22	16.8	162.4	11.99	25.45	69	71.5	-2.502	36.72	33.06	26.189	253.33	0
"2012-03-06	19:00:00"	19.57	156.9	9.5	31.42	16.8	156.5	9.85	28.43	63.33	65.05	-1.726	50.01	46.15	26.196	52.736	0
"2012-03-06	20:00:00"	16.37	165.2	9.94	27.24	13.51	165.7	11.76	22.47	59.55	60.3	-0.757	57.59	55.12	26.213	0.16507	0
"2012-03-06	21:00:00"	17.01	169.5	7.352	26.05	13.77	170	9.07	21.28	57.74	58.18	-0.442	63.14	61.25	26.223	0	0
"2012-03-06	22:00:00"	14.44	168.2	8.79	22.47	11.66	168.8	10.31	20.68	56.47	56.64	-0.165	65.99	64.69	26.234	0	0
"2012-03-06	23:00:00"	17	174.5	6.935	24.86	13.39	173.5	9.17	21.28	56.73	56.72	0.005	64.13	63.27	26.24	0	0
"2012-03-07	00:00:00"	17.3	177.8	7.438	24.86	13.53	177.4	9.8	20.68	56.76	56.81	-0.053	62.93	61.99	26.232	0	0
"2012-03-07	01:00:00"	14.11	184.3	9.72	23.66	10.96	184.6	12.1	18.89	55.73	55.68	0.05	64.12	63.27	26.226	0	0
"2012-03-07	02:00:00"	22.78	175.7	6.444	32.01	17.85	175.2	9.02	27.24	56.48	56.8	-0.323	63.14	61.95	26.21	0	0
"2012-03-07	03:00:00"	20.24	175	6.389	27.24	15.79	174.8	8.83	22.47	56.22	56.59	-0.365	64.88	63.54	26.209	0	0
"2012-03-07	04:00:00"	16.96	178.1	7.598	24.86	13.2	178.2	10.26	20.68	55.51	55.71	-0.204	68.34	67.19	26.2	0	0
"2012-03-07	05:00:00"	15.56	180.1	7.534	22.47	12.15	180	10.22	18.3	53.99	54.28	-0.291	73.34	72.04	26.194	0	0
"2012-03-07	06:00:00"	12.71	182.9	8.93	19.49	9.93	183.5	11.36	17.7	52.3	52.52	-0.213	78.25	77	26.204	0	0
"2012-03-07	07:00:00"	13.05	180.3	8.55	18.89	10.28	180.4	10.81	17.1	50.84	51.21	-0.374	83.4	81.7	26.212	0.06107	0
"2012-03-07	08:00:00"	12.03	183.9	9.1	17.7	9.38	184.9	11.81	15.31	49.99	50.4	-0.413	87.4	85.6	26.222	45.267	0
"2012-03-07	09:00:00"	16.04	178.1	7.271	23.07	12.76	177.7	9.97	21.87	52.39	53.05	-0.662	85.8	84.3	26.234	214.13	0
"2012-03-07	10:00:00"	16.51	180.7	8.83	22.47	13.38	179.7	11.74	19.49	57.19	58.62	-1.43	71.95	68.73	26.256	444.1	0
"2012-03-07	11:00:00"	14.71	182.1	10.77	21.87	11.96	181.4	13.51	19.49	61.59	64.05	-2.459	58.39	53.27	26.261	624.22	0
"2012-03-07	12:00:00"	13.4	195.9	15.82	21.87	11.05	197.3	18.88	18.89	66.82	69.53	-2.702	41.35	37.11	26.255	765.01	0
"2012-03-07	13:00:00"	14.82	209.9	15.05	24.86	12.46	212	17.13	20.68	71.45	74.28	-2.827	27.61	24.32	26.233	843.1	0
"2012-03-07	14:00:00"	17.51	188.2	13.01	29.03	14.26	188.8	16.35	24.26	74.62	77.97	-3.344	21.99	18.79	26.195	849.45	0
"2012-03-07	15:00:00"	19.76	200	14.52	33.21	15.95	201.4	17.1	29.03	77.81	80.9	-3.104	13.67	11.21	26.16	769.48	0
"2012-03-07	16:00:00"	18.12	197.9	15.76	31.42	14.74	199.6	18.7	30.22	79.08	82.2	-3.089	12.51	10.06	26.145	647.12	0
"2012-03-07	17:00:00"	20.75	232	14.59	36.78	17.72	235.3	16.92	31.42	80.5	83	-2.494	5.975	4.061	26.137	477.59	0
"2012-03-07	18:00:00"	18.21	224.2	14.38	32.61	15.54	224.5	15.5	27.24	80.7	82.2	-1.561	5.63	3.805	26.126	291.82	0
"2012-03-07	19:00:00"	15.13	204.4	11.34	30.82	11.95	207	14.15	25.45	79.01	79.58	-0.57	5.54	3.937	26.132	57.93	0
"2012-03-07	20:00:00"	9.42	151.9	14.48	14.72	7.153	149.8	14.83	12.93	73.35	72.89	0.461	15.93	13.99	26.15	0.12364	0
"2012-03-07	21:00:00"	11.69	131.9	9.67	15.31	9.08	133	9.98	13.52	68.91	68.74	0.178	38.33	36.61	26.17	0	0
"2012-03-07	22:00:00"	16.62	165.2	9.59	25.45	13.73	164.5	11.25	22.47	66.58	67.3	-0.721	52.61	50.02	26.202	0	0
"2012-03-07	23:00:00"	14.7	183.7	13.09	27.24	11.88	184	15.08	23.07	64.52	65.04	-0.521	61.33	59.22	26.246	0	0
"2012-03-08	00:00:00"	8.49	191.8	9.13	14.72	6.789	192	11.95	13.52	63.59	63.82	-0.237	64.59	62.85	26.258	0	0
"2012-03-08	01:00:00"	5.276	205.3	16.25	8.75	4.09	209.8	23.05	8.16	62.34	62.25	0.094	67.74	66.46	26.261	0	0
"2012-03-08	02:00:00"	3.701	194	23.42	6.368	2.615	189.2	33.01	5.175	61.14	60.83	0.315	70.4	69.27	26.267	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-08	03:00:00"	2.901	210.7	25.77	5.175	1.952	244.5	53.08	3.982	60.64	59.32	1.326	72.46	72.79	26.269	0	0
"2012-03-08	04:00:00"	1.208	229.8	96.4	2.789	2.37	346.1	32.79	5.175	59.51	56.15	3.361	75.25	79.47	26.271	0	0
"2012-03-08	05:00:00"	5.442	350	17.87	22.47	5.385	352.8	10.88	18.89	57.7	51.94	5.762	78.2	86.3	26.285	0	0
"2012-03-08	06:00:00"	22.29	6.343	9.96	31.42	17.68	3.311	16.65	26.65	43.28	47	-3.717	61.15	57.51	26.324	0	0
"2012-03-08	07:00:00"	25.19	13.46	7.043	34.4	20.3	11.58	13.82	29.63	41.7	45.02	-3.315	59.84	52.69	26.361	0.04162	0
"2012-03-08	08:00:00"	30.01	21.46	7.008	43.94	24.58	21.96	11.08	38.57	42.9	46.14	-3.245	57.84	50.77	26.394	18.399	0
"2012-03-08	09:00:00"	33.86	31.68	7.116	49.91	28.05	32.47	9.71	43.94	41.99	45.22	-3.238	64.52	56.18	26.446	70.27	0
"2012-03-08	10:00:00"	34.48	31.42	7.565	52.29	28.64	32.28	9.71	43.35	39.42	42.62	-3.203	69.06	60.49	26.496	112.26	0
"2012-03-08	11:00:00"	36.31	37.24	8.01	51.69	30.16	38.03	9.52	42.75	40.55	43.85	-3.296	59.66	51.62	26.528	347.21	0
"2012-03-08	12:00:00"	34.16	39.92	8.21	51.69	28.31	40.58	9.6	43.35	41.87	45.32	-3.449	52.19	44.59	26.559	377.37	0
"2012-03-08	13:00:00"	31.26	35.84	8.6	46.33	25.97	36.42	10.32	40.96	43.35	47.35	-3.995	42.89	36.04	26.584	366.58	0
"2012-03-08	14:00:00"	26.39	36.24	8.6	37.38	21.84	37.22	10.53	33.21	43.35	46.89	-3.541	42.58	36.47	26.604	123.23	0
"2012-03-08	15:00:00"	21.8	46.42	9.17	31.42	18.15	47.02	10.16	27.24	42.56	45.91	-3.351	46.89	40.85	26.613	96.718	0
"2012-03-08	16:00:00"	22.29	50.18	8.85	33.8	18.48	50.54	9.9	28.43	39.82	43.08	-3.26	59.67	53.93	26.63	109.93	0
"2012-03-08	17:00:00"	21.27	40.93	8.77	32.61	17.57	41.9	9.88	27.84	38.36	41.76	-3.394	56.92	50.8	26.666	93.29	0
"2012-03-08	18:00:00"	20.94	35.01	7.408	30.22	17.34	35.58	9.7	25.45	36.33	39.86	-3.526	65.82	60.53	26.669	99.831	0
"2012-03-08	19:00:00"	19.34	33.4	7.573	28.43	16.08	34.29	9.62	24.86	35.56	38.66	-3.1	70.42	65.52	26.69	12.635	0
"2012-03-08	20:00:00"	16.1	38.13	9.35	24.86	13.34	39.07	10.56	20.68	35.93	39.17	-3.24	70.33	64.49	26.728	0.03817	0
"2012-03-08	21:00:00"	16.97	48.59	8.18	26.05	14.04	49.25	9.13	23.07	35.51	38.41	-2.892	71.83	66.66	26.757	0	0
"2012-03-08	22:00:00"	14.52	36.77	7.813	21.87	12.09	37.56	9.2	20.68	35.43	38.27	-2.849	71.99	67.75	26.782	0	0
"2012-03-08	23:00:00"	16.19	19.38	6.979	29.03	13.32	19.51	12.02	25.45	35.3	38.32	-3.022	72.1	67.49	26.791	0	0
"2012-03-09	00:00:00"	17.44	20.04	6.383	26.65	14.52	19.62	11.58	24.86	35.07	38.72	-3.65	69.39	62.47	26.789	0	0
"2012-03-09	01:00:00"	14.79	12.28	7.723	26.05	11.85	9.95	13.41	21.87	35.2	38.15	-2.957	67.2	62.1	26.772	0	0
"2012-03-09	02:00:00"	10.41	19.29	8.35	15.31	8.71	18.68	13.24	14.72	35.54	37.59	-2.048	65.56	63.04	26.799	0	0
"2012-03-09	03:00:00"	11.58	25.13	7.327	18.3	9.71	25.84	10.68	16.51	35.39	37.79	-2.399	64.48	61.35	26.808	0	0
"2012-03-09	04:00:00"	10.41	20.99	9.64	14.72	8.71	20.51	13.62	13.52	34.79	36.94	-2.155	67.07	63.77	26.789	0	0
"2012-03-09	05:00:00"	12.83	16.21	9.8	21.28	10.61	15.22	14.78	18.89	34.97	37.28	-2.303	65.44	62.74	26.785	0	0
"2012-03-09	06:00:00"	15.38	22.49	6.971	21.28	12.84	23.53	10.79	18.89	34.5	37.97	-3.478	63.43	57.92	26.789	0	0
"2012-03-09	07:00:00"	13.95	21.4	7.079	19.49	11.56	21.89	11.47	18.3	33.98	37.02	-3.04	65.2	60.56	26.796	0.00681	0
"2012-03-09	08:00:00"	12.84	26.66	7.349	20.09	10.89	27.4	10.09	17.1	33.88	36.41	-2.525	66.58	62.64	26.797	3.5148	0
"2012-03-09	09:00:00"	12.86	29.86	11.3	20.09	10.7	30.21	13.57	17.1	35	37.2	-2.206	60.71	58.7	26.808	38.855	0
"2012-03-09	10:00:00"	13.97	29.16	12.55	21.87	11.68	29.52	15.19	17.7	34.92	37.66	-2.736	63.4	60.32	26.818	67.446	0.01
"2012-03-09	11:00:00"	16.99	11.01	8.66	23.66	13.77	8.89	13.53	20.68	34.92	38.32	-3.4	62.71	58.99	26.81	96.489	0
"2012-03-09	12:00:00"	17.17	36.57	14.22	28.43	14.31	37.12	16.06	23.66	35.44	38.87	-3.424	53.24	49.75	26.805	153.54	0
"2012-03-09	13:00:00"	16.81	37.03	9.91	24.86	13.97	38.23	11.62	21.87	35.03	38.32	-3.289	55.27	53.2	26.787	183.19	0
"2012-03-09	14:00:00"	16.67	36.95	9.93	25.45	13.97	37.44	11.45	21.87	36.61	39.96	-3.345	47.74	44.99	26.765	217.25	0
"2012-03-09	15:00:00"	16.33	49.32	12.16	27.24	13.59	50.59	13.32	21.87	36.21	39.85	-3.637	53.09	47.91	26.747	188.36	0
"2012-03-09	16:00:00"	13.82	32.07	15.86	22.47	11.71	32.47	17.69	21.28	34.38	37.63	-3.248	66.76	62.1	26.731	139.09	0
"2012-03-09	17:00:00"	10.93	30.39	16.92	17.1	9.3	30.45	19.62	15.31	36.88	39.41	-2.529	58.75	55.49	26.711	116.04	0
"2012-03-09	18:00:00"	11	50.52	13.9	15.91	9.27	51.24	14.99	14.12	37.6	39.87	-2.273	57.3	53.77	26.7	59.856	0
"2012-03-09	19:00:00"	9.48	35.57	15.33	16.51	8.09	35.97	17.34	13.52	36.64	38.56	-1.914	68.16	64.79	26.698	16.95	0
"2012-03-09	20:00:00"	11.55	37.09	17.69	18.3	9.51	37.03	19.67	16.51	37.42	38.71	-1.288	60.6	58.82	26.69	0.06982	0
"2012-03-09	21:00:00"	11.83	53.64	12.04	18.3	9.69	54.77	12.66	17.1	37.66	39.87	-2.211	60.1	56.67	26.692	0	0
"2012-03-09	22:00:00"	12.58	59.42	10.14	18.3	10.16	60.24	11.12	16.51	37.77	40.22	-2.455	61.38	57.29	26.688	0	0
"2012-03-09	23:00:00"	10.96	60.38	11.8	17.1	8.99	61.03	13.3	15.91	36.13	38.52	-2.394	73.37	69.38	26.688	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-10	00:00:00"	6.856	47.21	8.21	9.95	5.842	48.41	8.97	8.75	34.74	35.96	-1.217	83.6	81.9	26.679	0.1083	0
"2012-03-10	01:00:00"	8.39	66.37	10.61	12.33	6.655	66.29	11.43	10.54	34.93	36.09	-1.162	85.3	83.8	26.664	0.34534	0
"2012-03-10	02:00:00"	11.19	70.54	7.933	16.51	8.98	71.95	9.34	14.12	35.07	36.75	-1.679	85.7	83.7	26.639	0.34533	0
"2012-03-10	03:00:00"	10.44	77.95	9.15	17.7	8.3	79.22	10.82	15.31	34.77	36.24	-1.474	85.8	83.2	26.62	0.34532	0
"2012-03-10	04:00:00"	7.782	79.06	11.42	12.33	6.261	80.2	12.74	10.54	34.32	35.46	-1.137	85.8	83.4	26.597	0.34525	0
"2012-03-10	05:00:00"	7.443	65.62	8.09	10.54	5.973	66.27	9.66	9.35	34.08	35.14	-1.053	86.1	84.2	26.58	0.34535	0
"2012-03-10	06:00:00"	7.223	74.1	8.83	10.54	5.757	74.63	10.48	9.35	34.13	34.85	-0.721	86.4	84.8	26.571	0.34535	0
"2012-03-10	07:00:00"	7.45	70.63	8.29	10.54	5.912	71.35	9.48	8.75	34.25	35.22	-0.974	86.5	84.9	26.563	0.36166	0
"2012-03-10	08:00:00"	7.111	81.2	8.73	9.95	5.69	81.8	10.43	8.16	34.52	35.43	-0.91	86.7	85.2	26.566	5.0706	0
"2012-03-10	09:00:00"	6.15	85.1	10.96	9.35	5.082	86.4	12.29	7.561	34.63	35.62	-0.99	86.8	85.1	26.571	17.412	0
"2012-03-10	10:00:00"	4.64	87	13.87	8.16	3.862	87.8	16.39	6.368	34.79	35.76	-0.97	87	85.4	26.567	28.403	0
"2012-03-10	11:00:00"	8.82	78.41	10.18	14.72	7.34	79.24	12.1	12.33	35.52	37.39	-1.879	87.1	85	26.547	121.62	0
"2012-03-10	12:00:00"	10.98	99.3	19.82	17.1	9.1	101.4	21.6	13.52	36.52	39.38	-2.859	86.5	81.9	26.524	152.32	0
"2012-03-10	13:00:00"	6.877	117.3	21.59	10.54	6.034	120	21.6	9.95	36.77	38.56	-1.794	84.3	80.3	26.524	81.211	0
"2012-03-10	14:00:00"	6.429	110.8	11.02	9.95	5.574	113.9	13.54	8.16	36.62	38.18	-1.567	84.8	82.3	26.488	101.08	0
"2012-03-10	15:00:00"	5.333	96.3	13.45	8.16	4.594	99.3	15.77	7.561	37.03	38.46	-1.429	84.9	82.8	26.458	111.07	0
"2012-03-10	16:00:00"	4.186	83.6	29.36	8.16	3.983	85.9	31.89	8.16	37.6	38.98	-1.376	84.1	82	26.435	91.119	0
"2012-03-10	17:00:00"	1.197	332.4	37.88	3.386	1.496	333.4	40.38	3.982	37.83	38.7	-0.87	84.6	82.9	26.433	71.745	0
"2012-03-10	18:00:00"	3.618	50.36	19.73	6.964	3.435	53.7	22.01	6.368	38.62	39.98	-1.356	83.8	81.6	26.423	58.452	0
"2012-03-10	19:00:00"	2.468	63.34	39.36	5.771	2.463	67.87	39.28	5.175	38.79	39.65	-0.856	82.8	80.7	26.433	12.359	0
"2012-03-10	20:00:00"	1.277	9.37	33.52	3.982	1.547	10.6	35.21	3.982	38.92	39.37	-0.445	83.1	81.6	26.444	0.08237	0
"2012-03-10	21:00:00"	2.707	333	30.4	6.368	2.453	336.9	25.12	6.368	39.14	39.56	-0.416	81.2	80.2	26.451	0	0
"2012-03-10	22:00:00"	2.44	345.5	65.42	7.561	2.194	342.4	66.59	6.964	39.16	39.53	-0.376	80.4	79.3	26.452	0	0
"2012-03-10	23:00:00"	3.617	272.7	53.99	8.16	3.029	277.3	54.96	7.561	39.12	39.61	-0.492	78.87	77.81	26.457	0	0
"2012-03-11	00:00:00"	5.695	234.7	18.32	11.74	4.831	238.9	20.67	9.35	39.19	39.94	-0.755	78.34	76.89	26.458	0	0
"2012-03-11	01:00:00"	6.272	207.4	17.07	11.14	5.273	209.6	18.86	9.35	38.9	39.74	-0.843	77.85	76.06	26.447	0	0
"2012-03-11	02:00:00"	6.146	194.9	11.87	8.16	4.593	196.1	14.1	6.964	37.25	37.69	-0.441	79.95	78.7	26.431	0	0
"2012-03-11	03:00:00"	7.168	185.1	9.93	11.74	5.349	185.6	12.12	8.75	35.8	35.85	-0.053	80.8	80.3	26.407	0	0
"2012-03-11	04:00:00"	6.712	214.1	16.28	10.54	5.063	218.5	16.58	8.75	34.41	34.55	-0.136	82.4	81.6	26.386	0	0
"2012-03-11	05:00:00"	6.683	223.6	12.09	10.54	5.184	222.5	12.86	8.16	33.39	33.67	-0.288	84.2	83.1	26.368	0	0
"2012-03-11	06:00:00"	7.226	221.4	11.89	11.14	5.95	219.5	11.72	9.95	32.77	33.06	-0.296	84.6	83.4	26.365	0	0
"2012-03-11	07:00:00"	8.87	221	11.13	12.93	7.502	219.1	10.9	10.54	31.71	31.94	-0.236	84	82.7	26.366	0.13318	0
"2012-03-11	08:00:00"	9.71	215.2	11.69	14.12	7.795	217.2	12.76	12.93	32.53	32.56	-0.033	84.3	83.3	26.368	56.488	0
"2012-03-11	09:00:00"	10.63	210.7	9.78	17.1	8.7	216.1	11.56	14.72	36.07	37.01	-0.94	84.7	82.1	26.377	246.66	0
"2012-03-11	10:00:00"	14.53	217.9	12.29	21.87	12.24	220.4	13.49	19.49	43.05	43.82	-0.772	73.52	68.65	26.386	450.56	0
"2012-03-11	11:00:00"	14.92	227	13.38	24.86	12.97	228.3	14.95	22.47	50.07	51.28	-1.206	52.53	49.21	26.378	633.18	0
"2012-03-11	12:00:00"	14.53	226.9	13.63	21.87	12.66	228.3	15.26	19.49	56.45	57.79	-1.34	37.49	34.75	26.366	773.66	0
"2012-03-11	13:00:00"	17.29	242.9	13.59	27.84	14.72	246.9	16.51	24.86	62.11	64.24	-2.128	28.2	25.47	26.349	852.56	0
"2012-03-11	14:00:00"	19.38	247.2	14.9	30.82	16.37	251.7	17.99	29.03	66.34	69.16	-2.819	21.92	19.08	26.321	859.47	0
"2012-03-11	15:00:00"	18.81	243.6	14.69	31.42	16.04	247.6	17.71	27.24	69.28	71.7	-2.421	17.78	15.32	26.292	777.82	0
"2012-03-11	16:00:00"	22.98	261.2	16.08	35.59	18.63	266.6	17.58	30.22	70.39	74.29	-3.9	15.02	12.26	26.277	669.83	0
"2012-03-11	17:00:00"	22.07	267.3	10.32	33.21	17.76	273.2	10.96	29.63	70.4	74.26	-3.859	13.82	11.14	26.276	488.75	0
"2012-03-11	18:00:00"	20.04	260.5	13.34	29.03	16.31	265.2	14.77	25.45	70.72	73	-2.277	13	10.88	26.278	277.35	0
"2012-03-11	19:00:00"	16.6	257.1	8.92	25.45	13.65	265.6	9.96	24.26	68.28	68.99	-0.706	14.09	12.46	26.292	52.873	0
"2012-03-11	20:00:00"	11.48	243.2	17.23	23.66	9.13	249.1	20.05	19.49	65.69	65.11	0.575	16	14.97	26.316	0.32866	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-11	21:00:00"	14.77	247.3	13.12	24.26	11.89	252.7	16.23	20.09	62.01	61.55	0.456	19.11	18	26.325	0
"2012-03-11	22:00:00"	10.95	238.5	12.28	18.89	8.94	242	14.22	15.91	58.39	58.27	0.119	21.75	20.53	26.344	0
"2012-03-11	23:00:00"	5.883	215.6	27.53	10.54	4.4	213.3	34.68	8.75	54.14	53.32	0.821	25.33	24.93	26.354	0
"2012-03-12	01:00:00"	8.37	261.7	8.41	14.12	6.408	268.8	11.42	11.74	54.18	52.66	1.521	24.81	24.92	26.36	0
"2012-03-12	02:00:00"	8.7	257.6	7.803	14.72	6.727	264.5	8.4	12.93	51.84	50.67	1.179	26.24	26.26	26.362	0
"2012-03-12	03:00:00"	10.08	263.1	7.244	15.31	7.972	269.2	7.645	12.93	51.52	50.64	0.876	26.31	25.82	26.361	0
"2012-03-12	04:00:00"	9.65	265.6	7.504	14.72	6.807	272.4	11.85	12.93	52.32	49.9	2.423	25.47	26.6	26.365	0
"2012-03-12	05:00:00"	9.8	253	11.3	14.12	7.44	259.2	13.66	11.74	48.89	48.26	0.633	28.76	28.47	26.37	0
"2012-03-12	06:00:00"	9.62	258	16.64	15.31	6.967	263.4	20.88	11.74	49.71	48.27	1.446	27.04	27.33	26.37	0
"2012-03-12	07:00:00"	10.13	266.1	8.14	15.91	6.875	278.1	12.77	13.52	49.67	47.35	2.319	26.14	27.31	26.382	0
"2012-03-12	08:00:00"	7.95	252.8	16.74	11.14	5.442	256.5	22.96	8.75	47.16	44.16	3.001	28.69	30.98	26.401	0.35066
"2012-03-12	09:00:00"	6.987	260.7	15.89	11.74	4.833	268.2	22.99	9.95	48.29	46.86	1.433	27.19	27.83	26.424	66.965
"2012-03-12	10:00:00"	5.359	237.1	15.58	8.75	4.538	234.3	16.61	7.561	50.69	50.96	-0.27	27.31	26.2	26.459	233.93
"2012-03-12	11:00:00"	9.44	254.9	12.06	19.49	7.845	259.2	14.19	16.51	59.08	59.82	-0.745	20.31	18.75	26.476	411.72
"2012-03-12	12:00:00"	11.6	262.7	13.74	17.7	9.72	266.9	15.54	15.91	63.89	65.63	-1.743	16.19	14.12	26.483	509.37
"2012-03-12	13:00:00"	10.36	275.8	17.73	17.1	8.12	278.7	19.63	15.91	67.54	70.04	-2.491	13.34	11.17	26.482	731.68
"2012-03-12	14:00:00"	11.04	281	18.93	18.3	8.3	284.8	19.12	15.91	70.75	73.78	-3.03	9.47	7.337	26.473	666.65
"2012-03-12	15:00:00"	9.17	257	20.99	17.1	7.59	261	23.04	14.12	71.4	73.41	-2.008	7.973	6.131	26.452	557.35
"2012-03-12	16:00:00"	10.34	233.8	19.26	19.49	8.91	236.2	22.47	16.51	72.87	74.43	-1.56	7.249	5.411	26.436	445.34
"2012-03-12	17:00:00"	11.39	246.3	15.72	20.68	9.78	249	18.98	17.7	73.99	76.24	-2.243	6.17	4.331	26.424	649.24
"2012-03-12	18:00:00"	12.01	264	17.32	20.09	9.54	269	19.11	17.7	75.07	76.3	-1.234	4.547	2.937	26.417	336.9
"2012-03-12	19:00:00"	6.385	287.3	24.11	13.52	4.658	291.3	25.73	11.14	75.75	76.85	-1.107	5.619	3.92	26.412	286.91
"2012-03-12	20:00:00"	3.858	321.9	54.67	6.964	3.271	316.6	58.83	6.964	74.23	73.35	0.878	6.809	5.568	26.417	70.507
"2012-03-12	21:00:00"	4.714	33	48.43	7.561	3.393	40.92	39.76	6.964	69.67	64.94	4.727	8.62	9.59	26.429	0.22603
"2012-03-12	22:00:00"	4.131	90.7	8.89	6.964	3.007	55.91	20.82	3.982	68.88	62.07	6.812	8.36	10.72	26.439	0
"2012-03-12	23:00:00"	2.785	100.8	25.65	6.964	3.488	42.2	29.63	5.175	66.15	60.53	5.623	9.04	10.78	26.449	0
"2012-03-13	00:00:00"	4.346	186.1	25.73	8.16	2.54	166.7	58.65	6.368	63.16	59.48	3.678	9.69	10.9	26.458	0
"2012-03-13	01:00:00"	3.449	258	19.74	4.578	2.528	289.3	20.41	4.578	62.19	58.71	3.487	9.95	9.93	26.458	0
"2012-03-13	02:00:00"	4.45	222.7	26.13	9.35	2.74	226.9	39.22	5.175	62.31	58.72	3.592	10.77	11.1	26.459	0
"2012-03-13	03:00:00"	6.09	205.9	13.72	10.54	3.714	209.1	20.12	7.561	59.25	56.89	2.36	16.38	16.1	26.459	0
"2012-03-13	04:00:00"	6.486	210.5	9.33	9.95	4.682	218.2	11.19	8.75	58.47	57.29	1.18	29.61	27.89	26.454	0
"2012-03-13	05:00:00"	5.692	227.8	12.56	8.75	4.073	239.1	17.66	7.561	56.32	55.26	1.058	40.55	38.98	26.447	0
"2012-03-13	06:00:00"	4.544	222.4	11.56	8.75	2.961	251.1	17.68	6.368	55.77	53.99	1.784	51.98	50.06	26.439	0
"2012-03-13	07:00:00"	4.746	236.3	24.54	8.16	2.948	261.7	28.54	4.578	55.45	52.5	2.95	62.17	59.71	26.437	0
"2012-03-13	08:00:00"	5.78	245.5	16.91	8.16	3.677	269.5	32.28	5.771	54.59	49.51	5.085	70.35	69.87	26.448	0.13489
"2012-03-13	09:00:00"	3.441	303.7	14.58	6.368	4.213	357.1	12.51	5.771	52.29	44.12	8.17	74.86	74.25	26.453	36.377
"2012-03-13	10:00:00"	3.989	195	59.46	11.74	3.43	52.33	85.8	10.54	55.11	52.35	2.763	79.3	73.92	26.469	193.94
"2012-03-13	11:00:00"	11.37	171.5	9.31	17.7	9.5	171	10.69	14.72	59.75	60.47	-0.72	77.78	74.59	26.484	406.88
"2012-03-13	12:00:00"	9.97	175.3	9.12	14.72	8.37	174.3	11.76	12.93	61.54	62.95	-1.412	72.31	68.1	26.489	395.52
"2012-03-13	13:00:00"	6.633	172.9	17.22	12.33	5.781	170.8	19.48	11.14	63.93	65.1	-1.179	66.6	63.09	26.476	624.58
"2012-03-13	14:00:00"	5.892	165.3	27.82	16.51	5.246	165	30.51	14.72	70	71.74	-1.734	45.04	41.35	26.455	791.5
"2012-03-13	15:00:00"	6.924	154.8	33.97	12.33	6.089	156.8	37.5	10.54	74.25	76.32	-2.07	31.75	28.67	26.424	877.28
"2012-03-13	16:00:00"	7.72	188	28.23	14.72	6.74	192.4	32.54	13.52	77	79.03	-2.028	23.71	20.97	26.392	778.79
"2012-03-13	17:00:00"	9.69	166.2	21.57	17.7	8.33	166.3	23.51	16.51	78.45	80.5	-2.075	21.23	18.66	26.373	659.48
"2012-03-13	18:00:00"	9.9	158.8	21.25	17.7	8.42	159.7	22.45	15.31	78.92	80.8	-1.903	22.87	20.29	26.36	478.49

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-13	19:00:00"	11.81	163.3	13.72	23.66	9.91	162.7	14.96	20.68	79.01	80.1	-1.101	21.78	19.69	26.353	272.07	0	
"2012-03-13	20:00:00"	8.67	168.2	9.62	14.12	6.942	165.5	9.69	12.93	77.16	77	0.163	18.74	17.85	26.356	54.156	0	
"2012-03-13	21:00:00"	7.434	158.6	13.65	15.91	5.634	155.4	13.8	12.33	72.4	71.1	1.304	23.68	22.92	26.369	0.28962	0	
"2012-03-13	22:00:00"	15	154.2	9.29	23.07	12.79	154.1	9.28	21.87	68.81	68.07	0.742	54.14	53.44	26.388	0	0	
"2012-03-13	23:00:00"	14.82	157.6	9.4	23.07	12.55	156.7	9.73	20.09	65.29	64.47	0.813	68.45	68.76	26.408	0	0	
"2012-03-14	00:00:00"	9.24	159	11.27	17.1	8.58	158.4	11.63	14.72	60.81	60.76	0.046	78.45	77.65	26.424	0	0	
"2012-03-14	01:00:00"	8.4	164.9	12.6	15.91	6.788	165.5	14.65	14.12	58.87	58.67	0.199	83.9	83.6	26.424	0	0	
"2012-03-14	02:00:00"	9.02	171.7	11.1	17.1	7.288	171	12.43	13.52	58.81	58.69	0.12	87.6	87.2	26.411	0	0	
"2012-03-14	03:00:00"	12.87	168.1	9.1	20.09	10.55	168.5	10.61	17.1	60.33	59.82	0.501	88.1	87.7	26.398	0	0	
"2012-03-14	04:00:00"	10.89	178.2	7.759	17.1	8.91	178.2	9.94	13.52	59.47	59.44	0.031	88.9	88.6	26.392	0	0	
"2012-03-14	05:00:00"	11.11	187.7	9.45	17.7	8.96	187.8	11.9	14.72	59.25	59.25	0	89.9	89.4	26.385	0	0	
"2012-03-14	06:00:00"	8.27	203.9	14.12	14.12	6.716	206.5	15.95	12.33	58.66	58.81	-0.15	90.4	90	26.389	0.05261	0	
"2012-03-14	07:00:00"	8.84	193.7	9.65	14.12	7.119	194.5	12.77	11.74	58.72	58.95	-0.229	90.8	90.1	26.4	0.06382	0	
"2012-03-14	08:00:00"	8.85	191.9	10.07	15.31	7.19	192.7	12.23	13.52	58.42	58.66	-0.244	90.9	90	26.415	0.13915	0	
"2012-03-14	09:00:00"	9.26	190.7	9.58	14.12	7.504	191.1	12.39	11.74	57.99	58.25	-0.256	90.9	89.9	26.434	8.6827	0	
"2012-03-14	10:00:00"	8.04	199	14.27	12.93	6.541	201.4	18.5	11.14	57.61	57.95	-0.332	91.1	90.4	26.451	44.206	0	
"2012-03-14	11:00:00"	5.435	217.6	22.45	9.95	4.582	222	26.61	8.75	57.93	58.37	-0.444	91.4	90.6	26.47	91.678	0	
"2012-03-14	12:00:00"	3.511	228	30.95	8.75	3.451	227.4	34.58	8.16	58.84	59.62	-0.779	91	86.9	26.48	290.13	0	
"2012-03-14	13:00:00"	2.068	262	32.97	6.368	2.639	268	41.22	5.771	62.47	63.38	-0.903	78.16	74.11	26.467	525.09	0	
"2012-03-14	14:00:00"	4.002	188.4	47.5	8.75	3.734	189	52.39	8.16	69.19	70.59	-1.4	54.3	50.85	26.451	781.92	0	
"2012-03-14	15:00:00"	5.257	209.9	44.48	11.74	4.701	210.9	48.81	10.54	74.69	76.74	-2.046	31.47	28.6	26.427	826.12	0	
"2012-03-14	16:00:00"	7.436	214.6	36.7	15.31	6.488	217	41.35	13.52	77.33	80.4	-3.111	24.06	20.87	26.401	749.69	0	
"2012-03-14	17:00:00"	8.18	194.6	28.19	17.7	7.043	194.9	32.21	14.72	78.8	80.9	-2.142	17.37	15.07	26.387	554.79	0	
"2012-03-14	18:00:00"	8.89	190.8	27.29	17.1	7.606	190.5	30.5	15.31	80.1	82.1	-2.033	14.86	12.64	26.377	495.59	0	
"2012-03-14	19:00:00"	10.48	181.1	15.37	16.51	8.69	181.7	16.48	14.72	79.76	81	-1.233	20.41	18.32	26.375	281.17	0	
"2012-03-14	20:00:00"	10.83	174.3	10.41	14.72	8.83	173.6	11.67	15.31	77.6	77.86	-0.26	24.72	23.16	26.383	68.455	0	
"2012-03-14	21:00:00"	10.9	165.8	8.42	16.51	8.57	162.8	8.9	13.52	71.92	71.54	0.382	25.3	24.31	26.399	0.47178	0	
"2012-03-14	22:00:00"	11.97	164.8	8.22	18.3	9.73	164.2	9.09	16.51	69.35	68.31	1.039	26.62	25.79	26.416	0	0	
"2012-03-14	23:00:00"	11.62	161.8	11.27	18.3	9.46	161.3	12.15	15.31	65.33	64.79	0.543	48.94	47.92	26.436	0	0	
"2012-03-15	00:00:00"	12.55	168.2	9.09	20.68	10.15	167.4	10.3	17.1	63.82	63.21	0.614	73.64	73.23	26.451	0	0	
"2012-03-15	01:00:00"	14.94	177.5	7.516	21.87	12.06	177.1	9.65	18.3	64.52	62.66	1.861	75.56	78.46	26.449	0	0	
"2012-03-15	02:00:00"	8.05	195.3	10.72	14.12	6.007	198.8	13.94	11.74	59.74	59.5	0.234	83.3	83.1	26.453	0	0	
"2012-03-15	03:00:00"	6.735	196	8.99	9.35	4.596	198.9	12.38	6.964	57.97	57.52	0.456	87.1	86.8	26.457	0	0	
"2012-03-15	04:00:00"	5.449	204.2	12.15	8.16	3.225	209.3	16.72	6.368	57.1	56.39	0.711	89	88.9	26.452	0.11254	0	
"2012-03-15	05:00:00"	4.56	225.6	12.78	6.368	3.145	239.6	17.73	4.578	57.17	56.08	1.088	90.4	90.2	26.447	0.69	0	
"2012-03-15	06:00:00"	4.632	235.3	11.04	7.561	2.939	268.5	21.12	5.771	55.36	52.69	2.674	90.5	89.7	26.44	0.69019	0	
"2012-03-15	07:00:00"	4.936	251.3	9.26	6.964	3.477	262.8	9.5	5.771	51.96	51.5	0.459	90.3	90.4	26.45	0.69023	0	
"2012-03-15	08:00:00"	5.003	251.5	13.02	8.16	4.356	260	15.75	7.561	52.42	52.49	-0.073	90.7	90.7	26.464	1.0724	0	
"2012-03-15	09:00:00"	5.292	241.7	13.74	7.561	4.47	248	16.98	6.964	52.02	52.37	-0.349	90.7	90.6	26.475	30.505	0.01	
"2012-03-15	10:00:00"	6.531	210.1	14.3	11.74	5.323	213.8	16.35	9.95	53.67	54.12	-0.443	91.1	91.2	26.488	134.75	0	
"2012-03-15	11:00:00"	7.329	207	14.39	10.54	6.339	210.9	16.27	9.95	55.28	55.86	-0.581	91.4	91.4	26.508	249.71	0	
"2012-03-15	12:00:00"	5.42	225.2	20.87	9.95	4.721	230.2	22.7	8.75	58.43	59.24	-0.812	91.4	88.3	26.513	514.01	0	
"2012-03-15	13:00:00"	6.881	246	17.76	12.93	5.999	250.3	19.11	11.14	68.61	70.11	-1.492	47.5	43.31	26.504	772.74	0	
"2012-03-15	14:00:00"	6.398	247	23.93	12.93	5.521	250.6	26.27	11.74	74.11	76.09	-1.983	18.64	16.6	26.484	656.52	0	
"2012-03-15	15:00:00"	7.861	228.3	25.06	14.72	6.822	232.3	28.12	14.12	78.05	81.2	-3.169	9.17	7.23	26.459	708.96	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2012-03-15	16:00:00"	10.03	217.9	28.29	21.87	8.34	220.7	32.13	19.49	79.83	83.7	-3.857	11.75	9.3	26.429	504.21	0
"2012-03-15	17:00:00"	12.1	193.9	16.68	21.28	9.96	194.1	19.43	18.89	79.82	82	-2.2	12.52	10.49	26.415	373.34	0
"2012-03-15	18:00:00"	15	196.3	12.19	25.45	12.03	196.7	14.18	20.09	80.4	81.4	-1.011	13.14	11.27	26.412	285.27	0
"2012-03-15	19:00:00"	12.45	194.6	11.42	20.09	10.07	194.8	14.14	16.51	79.34	79.7	-0.367	12.27	10.7	26.411	148.11	0
"2012-03-15	20:00:00"	9.69	197	10.87	18.3	7.545	197.8	13.11	15.31	77.59	77.49	0.108	9.26	7.951	26.414	31.316	0
"2012-03-15	21:00:00"	5.575	214.4	20.97	11.14	4.127	220.3	28.1	8.16	75.62	74.87	0.753	9.34	8.4	26.424	0.26491	0
"2012-03-15	22:00:00"	5.692	232.1	21.34	11.74	4.399	235	26.88	9.35	74.29	73.52	0.761	7.687	6.674	26.438	0	0
"2012-03-15	23:00:00"	9.38	188.3	20.37	18.89	7.454	188.6	22.92	16.51	72.74	72.08	0.665	18.67	17.71	26.449	0	0
"2012-03-16	00:00:00"	16.82	176.5	7.471	27.84	13.71	175.6	9.64	24.26	67.42	66.25	1.162	67.72	69.67	26.459	0	0
"2012-03-16	01:00:00"	14.92	177.3	6.99	22.47	12.11	176.4	9.02	19.49	64.1	63.77	0.322	78.07	77.61	26.454	0	0
"2012-03-16	02:00:00"	13.38	181.5	7.981	20.68	10.91	180.9	10.09	17.1	63.43	63.13	0.301	79.31	78.56	26.444	0	0
"2012-03-16	03:00:00"	10.65	189.1	9.65	18.3	8.47	191.1	11.99	15.91	62.24	62.12	0.123	80.2	79.43	26.432	0	0
"2012-03-16	04:00:00"	9.45	187.6	9.65	14.72	7.572	188.9	11.99	14.12	60.67	60.54	0.127	82.6	82.1	26.422	0	0
"2012-03-16	05:00:00"	8.16	192.1	10.88	12.33	6.11	195.6	13.65	9.35	58.68	58.48	0.198	86	85.5	26.402	0	0
"2012-03-16	06:00:00"	6.535	191.3	11.67	11.74	4.474	194	14.98	8.75	57.79	57.35	0.437	87.7	87.4	26.397	0	0
"2012-03-16	07:00:00"	5.87	205.3	14.04	9.95	4.266	212.1	16.25	6.964	57.65	57.37	0.273	87.7	87.1	26.404	0	0
"2012-03-16	08:00:00"	6.092	215.4	13.02	10.54	4.454	223.1	17.25	7.561	57.42	57	0.426	86.9	86.5	26.414	0.26635	0
"2012-03-16	09:00:00"	9.08	190.6	10.72	13.52	6.86	191	12.41	11.74	56.97	56.54	0.432	87.9	87.8	26.422	45.561	0
"2012-03-16	10:00:00"	10.06	186.1	9.62	15.91	8.43	185.7	11.57	14.72	59.66	59.76	-0.1	88.3	86.4	26.426	263.67	0
"2012-03-16	11:00:00"	11.49	181.9	9.77	16.51	9.55	180.1	12.39	14.72	64.96	65.84	-0.882	75.48	71.53	26.428	475.44	0
"2012-03-16	12:00:00"	11.76	178.7	10.4	17.7	9.88	177.6	13.01	15.31	69.78	71.47	-1.69	57.43	53.07	26.423	668.5	0
"2012-03-16	13:00:00"	10.59	197.2	19.35	17.1	8.92	199	23.25	15.31	74.21	76.6	-2.398	42.5	38.27	26.414	792.68	0
"2012-03-16	14:00:00"	9.97	210.7	19.87	18.89	8.53	213	22.77	15.91	77.66	80.6	-2.971	31.27	27.72	26.395	800.9	0
"2012-03-16	15:00:00"	10.22	210.1	21.26	20.09	8.86	211.7	24.63	18.3	79.72	82.5	-2.757	25.59	22.44	26.359	757.71	0
"2012-03-16	16:00:00"	12.75	181.9	18.96	21.28	10.76	182.3	23.03	21.28	81.3	84.9	-3.61	23.32	19.9	26.322	708.59	0
"2012-03-16	17:00:00"	15.25	167.6	13.57	26.05	12.8	166.8	14.98	21.28	81.5	84.6	-3.1	30.39	26.57	26.3	643.19	0
"2012-03-16	18:00:00"	15.31	166.2	10.29	25.45	12.85	166	11.52	20.68	80.4	81	-0.629	34.18	32.08	26.287	182.13	0
"2012-03-16	19:00:00"	15.09	169.6	29.49	26.65	12.71	169.3	31.55	22.47	77.95	77.7	0.249	42.56	41.24	26.295	93.323	0
"2012-03-16	20:00:00"	18.61	157.6	9.5	28.43	15.8	156.9	9.71	23.66	74.99	73.88	1.118	52.48	52.65	26.298	56.976	0
"2012-03-16	21:00:00"	14.08	160.6	9.82	23.66	11.8	160.1	10.19	21.28	68.86	68.51	0.346	63.59	62.78	26.314	0.60195	0
"2012-03-16	22:00:00"	12.21	163.3	9.98	18.89	10.26	163.2	11.04	15.91	65.42	65.16	0.262	72.2	71.33	26.333	0	0
"2012-03-16	23:00:00"	8.44	175.8	12.22	14.12	6.883	177.3	14.45	12.93	62.43	62.34	0.095	79.55	78.87	26.347	0	0
"2012-03-17	00:00:00"	7.845	186.5	9.82	12.33	5.904	188.6	13.23	9.35	60.55	60.43	0.119	84.4	83.7	26.353	0	0
"2012-03-17	01:00:00"	8.38	187.7	9.6	12.33	6.32	189.6	12.46	10.54	60.24	60.04	0.2	85.8	85.2	26.353	0	0
"2012-03-17	02:00:00"	8.79	188.2	10.5	12.93	6.676	188.5	12.78	11.14	59.7	59.47	0.227	86.3	85.7	26.346	0	0
"2012-03-17	03:00:00"	7.508	189.1	12.56	12.33	5.24	190.9	16.05	11.14	58.87	58.61	0.268	86.3	85.8	26.333	0	0
"2012-03-17	04:00:00"	6.576	208	13.98	9.35	4.396	212.7	14.89	7.561	57.87	57.38	0.493	87.8	87.6	26.32	0	0
"2012-03-17	05:00:00"	5.584	228.3	10.89	7.561	3.948	223	31.03	6.368	57.01	56.47	0.538	89	88.5	26.311	0	0
"2012-03-17	06:00:00"	2.256	191.6	34.48	5.771	1.457	96.4	51.83	3.982	54.55	51.37	3.185	90	89.2	26.312	0.49033	0
"2012-03-17	07:00:00"	6	210.5	10.27	9.35	4.408	216.4	12.63	8.16	52.74	52.5	0.237	90.3	90.2	26.323	0.69023	0
"2012-03-17	08:00:00"	7.122	205.2	9.37	12.33	4.964	211.2	12.44	8.16	52.46	52.15	0.305	90.6	90.3	26.329	1.1075	0
"2012-03-17	09:00:00"	8.04	208.4	13.76	12.93	6.471	213.2	15.12	11.14	53.38	53.18	0.202	90.8	90.8	26.343	41.44	0.01
"2012-03-17	10:00:00"	10.29	201.5	9.67	18.3	8.42	205.3	13.01	16.51	56.01	56.1	-0.091	91.4	91.4	26.355	131.78	0
"2012-03-17	11:00:00"	12.56	203.4	10.54	19.49	10.31	205.2	13.32	15.31	60.47	59.55	0.918	91.4	91.3	26.366	372.69	0
"2012-03-17	12:00:00"	9.5	210.6	13.21	15.31	8.06	213.6	15.4	13.52	64.4	65.32	-0.916	76.57	64.93	26.364	565.26	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-17	13:00:00"	9.59	214.8	21.59	20.09	8.31	218.1	25.09	15.91	72.41	74.39	-1.981	36.83	33.56	26.348	814.94	0	
"2012-03-17	14:00:00"	14.5	243.3	18.91	26.05	12.27	247.5	21.89	23.07	78.92	81.2	-2.312	15.17	12.87	26.317	891.47	0	
"2012-03-17	15:00:00"	16.67	250.8	17.17	29.63	13.96	256.3	20.15	24.26	81.3	83.6	-2.289	7.945	5.917	26.281	799.13	0	
"2012-03-17	16:00:00"	21.01	237.4	16.17	38.57	17.83	241.3	18.97	34.4	84.4	85.4	-1.051	8.16	6.239	26.243	807.6	0	
"2012-03-17	17:00:00"	18.9	233.1	18.98	31.42	16.14	236.5	22.07	27.84	84.3	86.9	-2.578	9.64	7.417	26.226	669.32	0	
"2012-03-17	18:00:00"	16.86	231.6	16.4	29.03	14.34	234.3	19.12	25.45	83.9	86	-2.115	10.44	8.31	26.212	410.66	0	
"2012-03-17	19:00:00"	19.49	199.1	16.36	31.42	15.69	200.2	19.19	29.03	84.6	84.7	-0.141	11.04	9.34	26.202	228.99	0	
"2012-03-17	20:00:00"	16.94	191.5	9.43	29.63	13.43	191.4	11.75	24.26	82.8	82.2	0.555	11.5	10.06	26.204	84.181	0	
"2012-03-17	21:00:00"	21.21	170.4	8.63	32.61	17.36	169.3	10.07	27.84	77.07	75.75	1.319	38.68	39.58	26.223	0.58112	0	
"2012-03-17	22:00:00"	20.44	167.5	8.51	32.01	16.81	166.3	9.96	25.45	70.17	68.72	1.456	57.71	59.93	26.249	0	0	
"2012-03-17	23:00:00"	15.3	159	9.73	27.24	14.56	157.8	10.09	24.26	65.33	64.6	0.727	68.85	68.94	26.266	0	0	
"2012-03-18	00:00:00"	15.27	160.2	10.33	23.07	12.79	160.3	11.04	20.09	63.28	62.57	0.712	76.38	76.27	26.277	0	0	
"2012-03-18	01:00:00"	15.59	166.3	8.76	23.66	12.81	166.6	10.19	20.09	64.36	62.28	2.076	77.35	80.3	26.269	0	0	
"2012-03-18	02:00:00"	12.15	168.6	8.21	18.89	9.95	168.9	9.85	18.3	62.5	61.39	1.11	81.3	82.5	26.249	0	0	
"2012-03-18	03:00:00"	14.35	165.6	9.39	21.87	11.78	165.2	10.63	19.49	63.23	61.78	1.446	81.1	82.1	26.234	0	0	
"2012-03-18	04:00:00"	18.53	166.1	9.16	27.24	15.22	165.6	10.36	22.47	65.3	62.91	2.385	73.5	76.29	26.209	0	0	
"2012-03-18	05:00:00"	19.44	172.9	6.024	29.03	16.95	171.6	8.07	24.26	67.96	64.59	3.373	60.85	66.1	26.195	0	0	
"2012-03-18	06:00:00"	19.85	170.3	7.184	30.22	16.16	169.6	8.71	24.86	67.63	64.84	2.794	62.96	68.12	26.197	0	0	
"2012-03-18	07:00:00"	13.72	170.2	7.283	24.86	14.4	169.8	9.24	20.68	65.92	63.21	2.715	67.3	71.75	26.192	0	0	
"2012-03-18	08:00:00"	19.37	177	5.927	26.65	15.64	176.2	8.23	22.47	65.32	62.49	2.835	67.01	72.82	26.203	0.31527	0	
"2012-03-18	09:00:00"	14.28	181.9	8.09	21.87	11.61	182.6	10.33	18.89	62.47	60.86	1.608	78.48	82.1	26.227	52.826	0	
"2012-03-18	10:00:00"	14.9	184.2	8.86	21.28	12.31	183.6	11.12	18.3	63.86	62.61	1.246	80.2	80.3	26.237	198.29	0	
"2012-03-18	11:00:00"	16.87	181.7	8.93	23.66	13.89	180.8	11.07	21.28	68.38	66.64	1.744	64.88	65.81	26.235	431.98	0	
"2012-03-18	12:00:00"	17.19	188.7	13.05	29.63	14.02	189.3	15.99	22.47	74.03	73.58	0.447	40.53	39.16	26.226	691.69	0	
"2012-03-18	13:00:00"	23.15	195.7	12.59	45.73	18.54	196.2	15.75	36.78	79.99	80.5	-0.508	20.6	18.87	26.202	843.2	0	
"2012-03-18	14:00:00"	25.25	205.5	17.79	43.94	20.75	206.4	19.3	36.78	81.7	82.4	-0.757	14.02	12.28	26.173	662.71	0	
"2012-03-18	15:00:00"	26.38	207.1	15.71	43.35	21.5	208	17.45	39.77	82.9	83.5	-0.596	12.18	10.51	26.142	657.49	0	
"2012-03-18	16:00:00"	25.9	223.1	15.4	42.75	21.91	225.4	17.43	37.38	82.7	83.6	-0.938	12.2	10.37	26.116	479.08	0	
"2012-03-18	17:00:00"	24.48	232.7	12.94	37.98	20.89	235.7	15.46	32.61	81.3	81.9	-0.611	13.44	11.68	26.103	345.14	0	
"2012-03-18	18:00:00"	24.41	224.9	13.3	39.77	20.84	225.4	15.08	33.21	81	81.8	-0.812	12.85	11.01	26.094	322.74	0	
"2012-03-18	19:00:00"	21.87	217.7	12.08	33.8	18.48	218.3	12.05	30.82	79.71	79.8	-0.085	12.82	11.2	26.084	147.18	0	
"2012-03-18	20:00:00"	17.67	208.8	10.95	26.65	13.98	211.6	12.81	23.66	78.23	77.79	0.436	13.08	11.64	26.075	40.816	0	
"2012-03-18	21:00:00"	12.28	199.2	8.59	21.87	9.33	200.4	11.28	19.49	74.92	74.23	0.69	14.2	12.9	26.07	0.15889	0	
"2012-03-18	22:00:00"	18.29	172.8	11.96	32.61	15.03	171.7	14.07	28.43	74.29	72.71	1.577	44.46	45.12	26.091	0	0	
"2012-03-18	23:00:00"	11.38	253	64.29	33.21	8.91	254.3	64.78	29.03	68.77	67.85	0.921	30.6	33.01	26.11	0.00172	0.03	
"2012-03-19	00:00:00"	8.97	238.9	64.17	19.49	7.333	246.4	67.3	16.51	64.58	64	0.581	31.54	33.28	26.134	0	0	
"2012-03-19	01:00:00"	9.99	287.2	9.97	15.91	5.977	291.9	11.36	13.52	63.9	62.88	1.015	24.25	26.81	26.125	0	0	
"2012-03-19	02:00:00"	8.07	282.4	8.42	17.1	4.783	290.1	9.93	14.12	61.97	60.83	1.136	26.09	28.47	26.124	0	0	
"2012-03-19	03:00:00"	9.37	275	12.03	17.1	6.523	279.4	13.66	14.12	60.68	59.97	0.71	27.5	29.2	26.122	0	0	
"2012-03-19	04:00:00"	24.92	279	7.802	40.36	17.61	283.8	9.91	33.21	59.02	62.25	-3.227	30.28	27.1	26.107	0	0	
"2012-03-19	05:00:00"	31.02	280	7.302	44.54	21.53	284.8	9.46	37.38	54.05	57.64	-3.592	39.16	33.61	26.076	0	0	
"2012-03-19	06:00:00"	29.93	286.3	7.44	45.13	18.8	290.9	9.56	35.59	51.36	55.28	-3.922	44.92	37.37	26.071	0	0	
"2012-03-19	07:00:00"	21	279.5	11.57	34.4	14.38	283.5	13.69	27.24	49.88	54.4	-4.524	48.78	40.21	26.108	0	0	
"2012-03-19	08:00:00"	15.46	257.8	14.83	28.43	12.69	262.8	16.39	24.26	50.25	52.13	-1.883	46.23	42.67	26.136	0.23123	0	
"2012-03-19	09:00:00"	14.26	256.1	12.74	22.47	11.94	262.7	14.66	20.68	50.22	52.03	-1.817	46.5	43.29	26.155	25.667	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-19	10:00:00"	14.18	287.4	14.8	27.84	9.21	291.7	15.51	20.09	49.36	52.63	-3.27	51.17	45.74	26.178	26.213	0	
"2012-03-19	11:00:00"	18.57	285.2	14.11	28.43	12.56	289.2	14.66	22.47	47	53.02	-6.022	66.25	54.3	26.185	127.11	0	
"2012-03-19	12:00:00"	15.15	260.7	9.56	26.65	12.57	267.8	10.39	22.47	45.41	48.09	-2.677	74.02	69.09	26.206	95.61	0.05	
"2012-03-19	13:00:00"	9	238.2	35.83	24.26	7.525	244.2	39.24	20.09	43.27	44.68	-1.41	75.55	74	26.216	34.911	0.08	
"2012-03-19	14:00:00"	8.34	133.7	25.27	11.74	7.213	133.6	25.17	11.14	43.68	44.76	-1.081	78.57	78.24	26.194	200.28	0	
"2012-03-19	15:00:00"	9.05	175	40.96	24.86	7.768	177	42.05	21.87	48.05	49.76	-1.716	72.22	70.8	26.155	853.97	0	
"2012-03-19	16:00:00"	13.62	235.1	20.91	27.24	11.42	238.5	22.77	25.45	55.93	56.95	-1.015	56.01	54.14	26.11	762.92	0	
"2012-03-19	17:00:00"	20.02	290.9	14.97	39.77	12.92	295	15.59	35	55.39	61.32	-5.928	49.46	40.78	26.095	202.08	0	
"2012-03-19	18:00:00"	26.88	276.5	24.22	43.94	18.97	281.5	24.11	37.98	52.54	55.58	-3.041	51.79	46.62	26.091	259.75	0	
"2012-03-19	19:00:00"	25.55	277.4	11.62	43.94	18.2	282.3	12.95	35	50.62	54.79	-4.174	46.27	39.08	26.132	79.374	0	
"2012-03-19	20:00:00"	19.03	265.2	12.32	34.4	15.13	270.5	13.19	27.24	49.65	52.11	-2.462	42.58	38.77	26.159	36.551	0	
"2012-03-19	21:00:00"	13.09	267.8	11.27	25.45	10.36	272.7	12.09	22.47	48.7	50.36	-1.659	38.8	37.13	26.156	0.26354	0	
"2012-03-19	22:00:00"	11.51	270.4	10.59	23.07	8.9	275.2	11.53	17.7	47.94	49.58	-1.638	40.42	38.71	26.167	0	0	
"2012-03-19	23:00:00"	8.08	269.5	11.73	13.52	6.423	274.8	12.81	11.14	47.3	47.35	-0.046	38.98	39.04	26.177	0	0	
"2012-03-20	00:00:00"	9.87	248	8.59	15.31	8.08	252.6	11.46	14.12	46.14	46.47	-0.329	43.18	42.77	26.167	0	0	
"2012-03-20	01:00:00"	16.83	257.5	9.91	27.84	13.92	265.2	11.33	25.45	45.13	46.12	-0.998	46.69	44.72	26.161	0	0	
"2012-03-20	02:00:00"	18.78	271.4	8.9	35	14.59	275.4	10.42	27.84	42.4	45.25	-2.849	51.52	46.41	26.12	0	0	
"2012-03-20	03:00:00"	19.67	277.2	8.12	40.36	14.17	282.3	10.44	33.21	40.74	44.82	-4.075	52.43	44.82	26.124	0	0	
"2012-03-20	04:00:00"	11.33	283.4	15.45	21.28	8	287.8	16.7	17.7	38.6	41.76	-3.151	55.21	49.95	26.138	0	0	
"2012-03-20	05:00:00"	7.678	246.3	12.8	13.52	6.318	249.4	15.65	11.14	36.73	36.94	-0.205	58.76	58.13	26.145	0	0	
"2012-03-20	06:00:00"	7.73	255.4	9.29	11.74	6.209	260.5	10.44	9.95	35.41	35.41	0.009	60.52	60.61	26.128	0	0	
"2012-03-20	07:00:00"	7.565	253.9	7.833	12.93	5.998	259.9	9.93	9.35	34.25	34.35	-0.1	63.35	63.31	26.138	0	0	
"2012-03-20	08:00:00"	8.19	243	9.42	13.52	6.955	244.9	10.7	11.74	34.52	34.51	0.012	62.78	62.31	26.165	0.90526	0	
"2012-03-20	09:00:00"	6.079	216.4	17.46	9.35	5.319	214.7	17.46	8.16	33.58	33.94	-0.355	65.22	64.14	26.175	87.197	0	
"2012-03-20	10:00:00"	11.6	250.5	19.23	22.47	9.71	256.2	21.8	20.09	39.12	39.85	-0.734	54.76	52.55	26.186	297.12	0	
"2012-03-20	11:00:00"	17.93	261.6	9.46	27.24	14.85	268.5	10.57	23.66	44.57	46.86	-2.284	38.07	35.25	26.188	509.9	0	
"2012-03-20	12:00:00"	20.05	273.7	11.95	31.42	15.42	278.5	12.98	26.05	47.31	52.49	-5.186	31.43	26.97	26.182	663.89	0	
"2012-03-20	13:00:00"	19.65	272	13.14	28.43	15.17	276.9	14.29	26.05	49.18	54.9	-5.716	28.93	23.89	26.167	793.54	0	
"2012-03-20	14:00:00"	19.58	270.5	11.88	32.01	15.48	274.8	12.81	29.63	50.21	55.59	-5.373	28.96	23.81	26.15	489.61	0	
"2012-03-20	15:00:00"	17.78	271.7	15.87	33.8	13.31	276.3	16.22	26.05	48.06	51.68	-3.616	34.29	29.72	26.143	349.6	0	
"2012-03-20	16:00:00"	19.79	268.8	22.57	43.94	14.68	272.5	24.14	35	51.92	55.75	-3.834	29.04	25.02	26.115	373.48	0	
"2012-03-20	17:00:00"	24.74	285.1	11.56	42.75	16.12	289.8	13.21	35.59	51.76	57.33	-5.574	29.81	24.14	26.105	434.17	0	
"2012-03-20	18:00:00"	24.09	275.8	12.52	38.57	17.62	280.6	13.3	32.01	50.7	55.27	-4.562	33.23	27.57	26.12	288.09	0	
"2012-03-20	19:00:00"	16.81	247	18.74	30.22	14.28	252.8	20.96	26.05	51.32	53.26	-1.943	33.57	30.49	26.147	207.86	0	
"2012-03-20	20:00:00"	16.58	332.3	27.97	29.03	13.1	332.5	28.04	26.05	50.32	51.46	-1.14	29.36	27.62	26.177	39.946	0	
"2012-03-20	21:00:00"	17.01	318.6	7.538	26.05	12.47	321.3	8.99	21.28	47.15	50.8	-3.65	46.49	39.65	26.211	0.44405	0	
"2012-03-20	22:00:00"	14.49	331.1	11.74	24.86	11.08	331.6	12.3	20.68	45.55	47.59	-2.041	48.8	44.21	26.236	0	0	
"2012-03-20	23:00:00"	9.39	308.3	22.3	17.7	5.539	311.3	22.74	9.95	42.47	42	0.47	56.84	56.48	26.249	0	0	
"2012-03-21	00:00:00"	14.62	301.4	7.105	23.07	8.12	304.8	9.55	14.72	41.8	45.19	-3.386	60.09	54.27	26.269	0	0	
"2012-03-21	01:00:00"	15.32	303.3	7.096	21.28	8.9	306.8	9.65	16.51	41.09	45.99	-4.896	66.7	56.55	26.272	0	0	
"2012-03-21	02:00:00"	14.77	300.9	7.538	21.28	8.36	304.3	9.63	14.72	42.3	46.5	-4.193	63.09	54.83	26.267	0	0	
"2012-03-21	03:00:00"	13.29	299	7.315	20.68	7.325	302.1	9.57	13.52	42.46	44.68	-2.218	60.52	56.49	26.259	0	0	
"2012-03-21	04:00:00"	13.08	299.7	9.24	19.49	7.567	303.2	10.35	14.12	43.02	45.18	-2.16	56.28	52.53	26.251	0	0	
"2012-03-21	05:00:00"	15.59	315.5	10.89	26.05	10.84	318.3	11.82	20.68	43.97	46.58	-2.608	50.37	46.2	26.252	0	0	
"2012-03-21	06:00:00"	13.01	331.2	8.78	24.26	11.4	331.9	9.96	18.89	44.02	45.53	-1.51	49.34	46.48	26.262	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-21	07:00:00"	1	319.9	8.27	1	10.73	322.5	10.02	17.7	43.25	46.37	-3.117	50.71	45.19	26.27	0	0
"2012-03-21	08:00:00"	1	320.5	7.911	1	7.476	322.8	9.53	12.33	40.68	40.26	0.423	54.89	54.47	26.273	0.91246	0
"2012-03-21	09:00:00"	1	313.1	16.54	1	6.98	316.5	17.05	11.74	40.89	40.57	0.322	57.51	57.62	26.277	43.398	0
"2012-03-21	10:00:00"	1	305.4	11.97	1	8.57	309.1	13.03	16.51	43.1	45.48	-2.378	47.95	44.61	26.302	121.39	0
"2012-03-21	11:00:00"	6.85	316.6	9.48	26.05	11.37	319	11.01	23.66	47.22	51.25	-4.034	39.6	35.12	26.313	349.33	0
"2012-03-21	12:00:00"	23.28	336.2	14.56	34.4	18.37	335.9	14.11	30.22	54.84	58.7	-3.864	28.07	24.16	26.31	433.42	0
"2012-03-21	13:00:00"	19.97	348.3	15.21	31.42	16.27	346.1	14.21	26.65	56.2	59.79	-3.588	26.44	23.08	26.304	687.74	0
"2012-03-21	14:00:00"	17.79	313.8	21.25	29.03	13.2	315.4	21.39	24.26	59.37	65.95	-6.585	21.08	16.57	26.277	908.21	0
"2012-03-21	15:00:00"	16.55	309.2	16.94	29.63	11.81	311.5	17.66	24.86	60.98	69.56	-8.57	19.49	14.06	26.251	951.69	0
"2012-03-21	16:00:00"	20.32	303.2	15.03	36.78	13.54	306	16.22	27.24	63.06	71.17	-8.1	16.81	11.74	26.221	797.96	0
"2012-03-21	17:00:00"	21.29	309.4	15.6	36.78	14.34	312	16.26	30.82	65.31	71.75	-6.441	12.38	8.68	26.199	680.94	0
"2012-03-21	18:00:00"	23.59	332.3	25.94	38.57	18.08	334	26.22	30.82	65.98	71.07	-5.091	11.83	8.63	26.187	381.67	0
"2012-03-21	19:00:00"	16.58	44.46	8.95	32.01	14.25	46.22	9.66	28.43	58.67	61.77	-3.098	28.62	24.99	26.215	123.69	0
"2012-03-21	20:00:00"	17.55	27.24	14.3	26.65	14.8	27.54	17.73	24.26	56.25	58.6	-2.355	32.22	29.34	26.248	68.58	0
"2012-03-21	21:00:00"	14.79	9.45	9.08	26.05	11.76	6.153	13.59	22.47	53.29	54.78	-1.49	35.36	33.03	26.276	1.6542	0
"2012-03-21	22:00:00"	7.275	349	15.78	13.52	4.981	345.3	16.65	12.33	50.41	49.43	0.98	41.53	41.32	26.289	0	0
"2012-03-21	23:00:00"	6.523	305.5	33.01	8.75	3.82	306	36.05	8.16	50.14	47.88	2.259	42.37	44.9	26.293	0	0
"2012-03-22	00:00:00"	5.909	245.9	19.09	11.14	4.875	248.3	22.97	10.54	47.42	46.97	0.445	45.85	45.22	26.298	0	0
"2012-03-22	01:00:00"	4.598	228.6	14.34	8.16	3.803	224.2	17.2	7.561	45.35	44.99	0.361	48.26	47.75	26.3	0	0
"2012-03-22	02:00:00"	5.222	265.4	18.25	9.35	3.354	266.7	27.37	7.561	44.92	43.07	1.855	48.37	50.58	26.303	0	0
"2012-03-22	03:00:00"	6.001	251.9	14.02	12.33	4.562	247.8	18.82	9.35	43.42	42.66	0.761	50.51	51.02	26.3	0	0
"2012-03-22	04:00:00"	9.06	267.3	11.38	14.12	6.695	271.3	13.28	11.74	43.73	43.07	0.664	47.4	47.62	26.286	0	0
"2012-03-22	05:00:00"	7.645	242.2	11.93	11.74	7.168	243.3	14.77	12.33	43.12	42.67	0.449	47.6	47.04	26.245	0	0
"2012-03-22	06:00:00"	7.7	255.7	8.23	11.74	6.426	263.8	9.14	11.14	44.95	43.96	0.99	42.98	43.31	26.236	0	0
"2012-03-22	07:00:00"	7.891	269.5	11.63	11.14	5.371	275.2	14.3	9.35	47.31	45.06	2.255	38.18	40.13	26.247	0	0
"2012-03-22	08:00:00"	6.681	286.5	11.71	9.95	3.691	293.8	20.56	6.368	44.92	41.33	3.592	41.53	46.43	26.257	1.1923	0
"2012-03-22	09:00:00"	8.07	264.5	15.01	11.14	5.809	268.3	16.03	9.35	44.41	42.62	1.791	42.67	45.55	26.272	94.065	0
"2012-03-22	10:00:00"	8.04	248.2	8.83	12.93	6.947	252.7	12.06	12.93	47.86	48.59	-0.724	40.1	37.88	26.29	303.7	0
"2012-03-22	11:00:00"	11.62	257.5	16.12	24.26	9.59	260.9	17.6	19.49	58.03	59.22	-1.187	26.24	24.21	26.292	519.85	0
"2012-03-22	12:00:00"	15.06	292.8	13.36	21.87	10.2	295.7	14.55	18.3	65.82	70.95	-5.128	18.42	15.31	26.291	710.59	0
"2012-03-22	13:00:00"	16.22	319.2	20.83	29.63	11.91	321.2	20.21	22.47	69.84	75.66	-5.821	15.44	12.09	26.291	848.48	0
"2012-03-22	14:00:00"	15.72	344.7	17.79	28.43	12.92	342.7	17.91	26.05	71.81	76.28	-4.473	13.78	10.95	26.289	919.89	0
"2012-03-22	15:00:00"	13.16	20.36	23.62	25.45	11.35	20.67	25.98	23.07	71.4	75.61	-4.214	14.96	12.12	26.287	902.6	0
"2012-03-22	16:00:00"	10.32	354.9	48.93	22.47	8.79	359.4	50.56	18.89	71.86	75.67	-3.81	14.16	11.44	26.284	838.2	0
"2012-03-22	17:00:00"	6.881	3.434	43.07	17.1	6.201	6.333	46.04	15.31	72.99	75.64	-2.648	13.55	11.1	26.279	715.56	0
"2012-03-22	18:00:00"	5.78	32.78	84.2	21.28	5.189	40.05	84.5	20.68	73.48	75.48	-2.005	13.6	11.38	26.273	532.5	0
"2012-03-22	19:00:00"	5.903	64.93	55.18	13.52	5.481	67	56.54	12.93	73.12	74.5	-1.389	13.93	11.93	26.276	315.02	0
"2012-03-22	20:00:00"	10.1	89.3	37.31	19.49	8.27	88.6	36.28	17.1	71.01	72.22	-1.207	20.54	18.29	26.29	79.591	0
"2012-03-22	21:00:00"	12.33	76.34	7.436	17.1	9.58	77.14	8.23	14.12	62.36	63.15	-0.789	38.09	35.8	26.315	1.221	0
"2012-03-22	22:00:00"	12.86	82	6.853	17.1	10.05	81.6	7.628	14.12	57.36	58	-0.644	45.91	43.49	26.338	0	0
"2012-03-22	23:00:00"	11.95	77.93	6.53	15.91	9.26	77.75	7.262	12.93	53.88	54.81	-0.931	50.89	48.37	26.357	0	0
"2012-03-23	00:00:00"	10.76	74.36	6.895	14.72	8.08	74.05	8.54	11.14	50.96	52.04	-1.082	55.76	52.95	26.376	0	0
"2012-03-23	01:00:00"	9.87	79.13	7.736	13.52	7.055	78.68	9.25	11.14	47.94	48.55	-0.612	61.45	59.16	26.396	0	0
"2012-03-23	02:00:00"	7.267	99.3	12.18	11.14	4.906	98.1	14.48	7.561	45.85	45.63	0.23	65.3	64.26	26.398	0	0
"2012-03-23	03:00:00"	5.901	96.7	13.1	8.16	3.546	82.7	23.03	5.771	44.53	43.84	0.694	67.76	67.24	26.39	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-23	04:00:00"	6.36	98.3	15.26	8.75	3.657	81.5	22.17	5.771	44.01	42.46	1.552	69.15	70.33	26.385	0
"2012-03-23	05:00:00"	5.596	90.7	14.43	7.561	3.394	65.48	17.32	4.578	44.8	42.65	2.152	67.39	69.78	26.387	0
"2012-03-23	06:00:00"	6.57	43.21	14.49	8.16	4.544	28.53	18.11	6.368	42.72	41.27	1.449	69.73	70.88	26.398	0
"2012-03-23	07:00:00"	7.706	49.59	8.1	9.95	5.261	45.56	13.67	8.16	42.03	40.87	1.161	72.06	73.72	26.406	0
"2012-03-23	08:00:00"	9.07	55.16	5.797	11.14	6.275	55.71	7.56	8.16	42.06	41.7	0.355	72.34	72.53	26.421	1.6886
"2012-03-23	09:00:00"	8.6	65.48	7.832	11.14	6.41	64.63	8.95	8.75	42.64	42.83	-0.185	72.78	71.91	26.438	101.94
"2012-03-23	10:00:00"	8.6	103.9	14.61	12.93	7.364	105	17.05	11.74	48.98	50.14	-1.16	61.63	58.64	26.463	313.47
"2012-03-23	11:00:00"	9.79	122.1	13.8	15.31	8.4	124.1	15.11	14.12	55.25	56.97	-1.724	46.46	42.65	26.467	528.44
"2012-03-23	12:00:00"	6.649	145.9	25.35	15.91	6.113	146.5	27.49	11.14	59.07	61.44	-2.373	39.12	35.41	26.457	717.34
"2012-03-23	13:00:00"	5.516	188.5	34.82	12.33	5.127	191.4	39.62	11.14	63.84	66.17	-2.329	33.15	29.85	26.443	856.22
"2012-03-23	14:00:00"	6.605	239.7	29.28	13.52	5.942	242.4	31.4	12.33	68.71	71.66	-2.947	26.92	23.55	26.426	926.46
"2012-03-23	15:00:00"	5.626	247	40.05	14.12	5.396	249.5	43.75	12.93	73.37	76.12	-2.757	22.02	18.97	26.405	914.17
"2012-03-23	16:00:00"	3.011	264.2	63.49	13.52	4.009	267.5	66.95	12.93	77.09	78.85	-1.759	19.06	16.64	26.38	849.38
"2012-03-23	17:00:00"	5.84	226.4	68.85	16.51	5.335	229.4	75.15	15.31	79.05	81.8	-2.705	16.33	13.74	26.36	725.69
"2012-03-23	18:00:00"	6.534	247.5	27.01	18.89	6.631	251.4	30.61	16.51	81.9	83.8	-1.902	12.02	9.85	26.345	541.88
"2012-03-23	19:00:00"	6.087	258.5	27.56	15.31	5.809	261.1	28.65	12.33	81.1	83.1	-1.978	10.72	8.7	26.339	328.72
"2012-03-23	20:00:00"	4.018	110.4	42.05	11.74	4.567	109.9	44.68	9.95	78.27	79.11	-0.847	17.51	15.59	26.342	84.303
"2012-03-23	21:00:00"	8.26	63.94	7.051	11.14	5.135	61.4	9.38	7.561	69.72	68.85	0.861	25.72	24.7	26.354	1.2321
"2012-03-23	22:00:00"	9.47	74.8	13.87	15.31	6.008	67.52	20.86	10.54	66.4	64.26	2.147	29.35	29.34	26.373	0
"2012-03-23	23:00:00"	11.16	88.4	5.797	14.12	7.046	84.7	7.411	9.35	62.94	60.88	2.068	33.79	34.07	26.389	0
"2012-03-24	00:00:00"	10.68	102.7	5.627	12.93	6.932	98.8	7.105	9.35	60.81	58.84	1.976	37.93	38.3	26.404	0
"2012-03-24	01:00:00"	12.28	109.5	6.711	17.7	8.9	107.2	9.5	14.72	61.4	59.59	1.809	39.09	39.22	26.409	0
"2012-03-24	02:00:00"	12.45	117.7	8.13	17.1	9.27	118.7	9.97	13.52	60.78	59.56	1.225	45.48	44.84	26.407	0
"2012-03-24	03:00:00"	10.64	118.2	6.702	15.31	7.665	118.3	8.72	12.33	58.1	56.69	1.411	52.3	52.11	26.406	0
"2012-03-24	04:00:00"	7.334	105.9	10.79	11.74	4.906	99.8	14.05	8.16	55.31	54.21	1.095	60.21	60	26.399	0
"2012-03-24	05:00:00"	7.389	102.9	7.614	11.14	4.568	92.6	11.54	8.16	53.26	51.62	1.643	64.47	65.35	26.392	0
"2012-03-24	06:00:00"	7.237	114.3	8.72	10.54	4.197	95.5	11.13	6.368	53.58	50.49	3.089	61.25	65.93	26.392	0
"2012-03-24	07:00:00"	5.369	171.2	30.48	9.95	3.112	169.5	48.29	5.771	56.16	53.72	2.435	52.24	55.44	26.405	0
"2012-03-24	08:00:00"	4.754	211.5	11.68	6.368	3.026	211.7	18.44	5.771	55.84	54.22	1.613	52.28	53.97	26.425	1.9795
"2012-03-24	09:00:00"	4.151	216.7	13.8	6.368	3.001	228.2	20.97	4.578	56.95	55.24	1.714	47.84	50.4	26.438	107.73
"2012-03-24	10:00:00"	5.837	218.3	14.58	9.95	5.363	224.7	17.39	9.95	61.05	61.1	-0.052	45.56	44.14	26.444	322.19
"2012-03-24	11:00:00"	8.07	223	14.76	11.14	7.203	226.1	17.24	10.54	67.14	67.44	-0.303	40.77	38.45	26.448	535.89
"2012-03-24	12:00:00"	6.87	236.9	15.43	10.54	6.353	241.1	17.32	9.95	73.65	74.8	-1.151	31.05	28.55	26.446	726.23
"2012-03-24	13:00:00"	8.01	213	27.09	15.31	7.344	214.8	30.49	14.72	81	81.7	-0.676	16.87	14.81	26.431	861.96
"2012-03-24	14:00:00"	7.907	241.8	28.57	17.7	7.35	245.4	29.95	14.72	84.5	85.2	-0.653	12.07	10.15	26.417	929.36
"2012-03-24	15:00:00"	6.182	244.4	38.93	18.89	6.364	245.7	45.08	15.31	85.6	87.2	-1.602	12.1	9.98	26.397	912.26
"2012-03-24	16:00:00"	8.23	228.5	44.46	17.1	7.446	229.6	48.35	15.91	88.4	91.5	-3.097	10.26	7.863	26.375	850.93
"2012-03-24	17:00:00"	7.697	230.9	45.96	18.89	7.052	231.6	50.64	17.1	88.6	91.1	-2.488	9.97	7.707	26.361	722.15
"2012-03-24	18:00:00"	9.97	205.9	28.83	21.87	8.51	207.9	30.5	18.3	88.4	90.1	-1.709	10.43	8.3	26.355	536.08
"2012-03-24	19:00:00"	7.11	210.2	28.1	19.49	6.705	212.4	30.69	16.51	88.7	88.8	-0.098	9.48	7.701	26.353	322.66
"2012-03-24	20:00:00"	6.928	203.4	20.91	11.74	6.19	204.3	22.41	9.95	86.2	86	0.239	9.82	8.27	26.356	79.98
"2012-03-24	21:00:00"	7.945	157.9	11.59	11.74	6.102	155.8	10.85	9.35	80.4	79.34	1.013	11.83	10.92	26.367	1.2782
"2012-03-24	22:00:00"	8.42	146.9	5.812	11.74	6.209	145.3	5.381	8.75	77	75.15	1.845	14.12	13.81	26.38	0
"2012-03-24	23:00:00"	8.05	139.1	8.71	12.33	5.681	133.2	12.81	7.561	75.58	72.42	3.159	14.02	14.41	26.396	0
"2012-03-25	00:00:00"	9.11	144.7	10.04	13.52	6.031	141.6	13.09	9.95	74.3	70.54	3.76	15.15	15.67	26.405	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2012-03-25	01:00:00"	10.42	168	7.996	16.51	7.997	165.9	8.87	14.72	71.93	69.04	2.89	19.29	19.11	26.411	0	0
"2012-03-25	02:00:00"	11.95	172	8.83	17.7	9.19	170	9.87	14.12	70.57	67	3.574	25.73	26.63	26.409	0	0
"2012-03-25	03:00:00"	7.453	182.3	9.34	12.33	5.578	183.5	10.95	8.75	64.27	63.07	1.209	35.94	35.2	26.41	0	0
"2012-03-25	04:00:00"	7.151	190.9	8.24	11.14	5.121	195.1	10.86	9.35	62.19	61.17	1.017	44.3	43.37	26.411	0	0
"2012-03-25	05:00:00"	6.898	181.2	8.62	10.54	4.949	182	10.78	7.561	60.86	59.87	0.992	55.76	54.84	26.409	0	0
"2012-03-25	06:00:00"	7.259	174.6	10.22	12.33	5.406	171.8	11.53	9.35	60.04	59.09	0.953	66.05	65.87	26.409	0	0
"2012-03-25	07:00:00"	5.886	154.2	10.42	8.75	4.147	148.2	13.95	6.964	58.82	57.88	0.941	70.99	70.84	26.418	0	0
"2012-03-25	08:00:00"	5.583	155.4	13.44	9.35	3.857	143.4	31.01	7.561	57.99	57.03	0.956	74.6	74.58	26.431	2.7463	0
"2012-03-25	09:00:00"	2.818	129.8	22.92	6.964	2.536	91.4	38.39	5.771	57.79	56.56	1.231	78.22	77.98	26.444	114.73	0
"2012-03-25	10:00:00"	7.596	160.5	12.35	11.74	6.579	160	13.75	10.54	63.56	63.46	0.095	69.44	67.63	26.458	326.13	0
"2012-03-25	11:00:00"	8.73	161.1	14.38	13.52	7.584	160.5	14.38	12.93	68.8	68.12	0.679	57.25	56.38	26.465	506.34	0
"2012-03-25	12:00:00"	10.81	159.9	12.99	16.51	9.39	160.4	15.04	14.72	74.04	73.54	0.499	45.52	43.77	26.462	705.96	0
"2012-03-25	13:00:00"	16.64	165.9	13.62	28.43	14	165.5	14.56	23.66	82.8	81.9	0.858	28.56	27.15	26.444	838.79	0
"2012-03-25	14:00:00"	20.97	168.8	11.34	30.82	17.54	168.3	12.52	25.45	87.1	85.8	1.285	18.28	17.32	26.425	909.88	0
"2012-03-25	15:00:00"	18.81	149.7	14.7	30.22	16.05	150.4	15.2	27.24	87.3	87.5	-0.248	17.42	15.52	26.408	893.71	0
"2012-03-25	16:00:00"	17.29	151.9	16	27.84	14.69	152	16.93	24.26	88.2	87.9	0.292	16.19	14.47	26.386	830.43	0
"2012-03-25	17:00:00"	16.21	150.3	15.02	24.26	13.82	150.7	15.18	22.47	88.5	88.4	0.11	16.11	14.27	26.367	699.25	0
"2012-03-25	18:00:00"	16.25	145.1	13.29	24.26	13.9	145.6	13.09	21.87	88.2	87.9	0.321	16.51	14.77	26.351	512.04	0
"2012-03-25	19:00:00"	18.12	138.6	9.21	27.24	15.12	139.2	9.47	23.07	85.5	86	-0.457	19.06	17.03	26.342	253.54	0
"2012-03-25	20:00:00"	18.45	135.3	6.842	26.65	15.16	136.8	7.177	22.47	83.6	82.8	0.791	19.59	18.11	26.347	75.811	0
"2012-03-25	21:00:00"	14.66	132.9	6.937	21.28	11.72	134	7.569	18.3	78.63	77.17	1.457	23.45	22.43	26.363	0.88069	0
"2012-03-25	22:00:00"	14.49	137.5	6.193	19.49	11.74	138.2	6.528	17.1	74.84	73.38	1.457	26.6	25.76	26.383	0	0
"2012-03-25	23:00:00"	14.77	137.2	6.055	20.09	11.84	138.2	6.496	17.1	71.96	70.34	1.62	27.28	26.62	26.403	0	0
"2012-03-26	00:00:00"	11.91	135.1	8.66	18.89	10.36	136.1	8.96	15.31	69.09	67.42	1.667	29.98	29.4	26.41	0	0
"2012-03-26	01:00:00"	12.42	137.2	7.313	18.89	10.05	137.8	7.606	16.51	67.05	65.58	1.476	32.82	32.21	26.405	0	0
"2012-03-26	02:00:00"	9.71	143.8	9.23	14.72	7.839	144.1	8.81	11.14	64.26	62.95	1.312	35.65	35.06	26.404	0	0
"2012-03-26	03:00:00"	10.56	155	9.74	16.51	8.81	155.3	10.02	14.72	63.89	62.18	1.715	36.69	36.34	26.403	0	0
"2012-03-26	04:00:00"	12.22	141.7	7.26	17.1	10.08	142.8	7.471	14.72	63.2	61.71	1.493	42.35	41.98	26.398	0	0
"2012-03-26	05:00:00"	10.57	154.5	13.67	16.51	8.68	154.6	13.75	13.52	62.2	60.47	1.725	49.74	49.84	26.395	0	0
"2012-03-26	06:00:00"	11.74	163.5	10.65	21.28	9.68	162.3	11.48	18.89	62.84	60.29	2.556	57.77	59.3	26.401	0	0
"2012-03-26	07:00:00"	15.86	142.6	8.76	24.26	13.1	143.5	9.06	23.07	62.41	61.1	1.312	63.43	64.02	26.391	0	0
"2012-03-26	08:00:00"	11.89	142.2	10.96	18.3	9.84	143.1	10.83	15.31	60.75	59.45	1.301	70.99	71.52	26.398	3.5709	0
"2012-03-26	09:00:00"	10.44	149.9	12.56	16.51	8.84	150.3	12.65	13.52	59.09	58.18	0.907	74.99	74.57	26.409	64.148	0
"2012-03-26	10:00:00"	13.99	159.9	10.11	23.66	11.86	159.5	10.87	19.49	64.11	62.14	1.967	72.08	72.81	26.411	208.01	0
"2012-03-26	11:00:00"	19.18	161	12.15	29.63	16.03	161	12.84	25.45	68.78	66.28	2.504	62.39	64.86	26.402	434.59	0
"2012-03-26	12:00:00"	16.49	175.2	11.5	24.86	13.59	174.4	13.49	21.87	73.1	70.42	2.681	52.35	54.76	26.409	541.72	0
"2012-03-26	13:00:00"	16.28	174.8	12	25.45	13.5	174.4	14.37	21.28	77.45	75.48	1.968	43.19	43.88	26.39	792.25	0
"2012-03-26	14:00:00"	15.65	172.9	14.6	24.86	13.09	172.9	16.79	22.47	79.95	78.51	1.438	39.03	38.74	26.365	827.27	0
"2012-03-26	15:00:00"	14.12	179.8	17.97	24.86	11.86	180	20.94	20.68	82.3	81	1.322	34.52	33.71	26.34	852.69	0
"2012-03-26	16:00:00"	15.35	181.1	13.5	27.84	12.73	180.9	16.13	23.66	84.7	83.5	1.222	30.76	29.84	26.309	736.81	0
"2012-03-26	17:00:00"	13.91	174.1	16.62	23.07	11.67	175	19.37	21.87	84.9	83.7	1.19	30.36	29.45	26.287	654.44	0
"2012-03-26	18:00:00"	12.7	169.3	18.37	21.87	10.72	169.8	20.48	18.89	85	84	0.998	31.02	29.85	26.277	478.83	0
"2012-03-26	19:00:00"	13.83	155.8	13.16	20.68	11.82	155.9	13.48	18.3	83.2	82.1	1.091	34.26	33.3	26.276	178.47	0
"2012-03-26	20:00:00"	15.08	141.3	8.52	21.28	12.61	141.7	8.77	18.3	80.1	79.28	0.792	38.66	37.52	26.285	52.242	0
"2012-03-26	21:00:00"	13.32	153.1	11.21	21.28	11.28	153.1	11.17	18.3	76.73	75.1	1.629	43.27	43.01	26.293	1.028	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-26	22:00:00"	11.67	156.8	10.38	20.68	9.93	156.6	10.17	17.7	73.82	71.85	1.972	50.7	51.7	26.319	0
"2012-03-26	23:00:00"	6.496	152.5	13.37	11.14	5.208	153.6	13.83	9.35	68.68	68.32	0.366	60.32	59.31	26.344	0
"2012-03-27	00:00:00"	9.02	165.2	11.17	15.31	7.28	164.8	11.86	13.52	67.06	65.99	1.071	64.2	63.99	26.363	0
"2012-03-27	01:00:00"	8.6	195.7	8.8	13.52	6.293	199	11.93	10.54	64.63	62.98	1.651	66.05	67.02	26.36	0
"2012-03-27	02:00:00"	7.491	209.9	10.24	12.33	5.804	212.5	12.47	9.95	62.45	61.55	0.901	76.12	76.18	26.361	0
"2012-03-27	03:00:00"	7.589	213.9	13.17	12.33	6.039	215.9	14.77	9.95	61.33	60.7	0.632	80.7	80.6	26.361	0
"2012-03-27	04:00:00"	7.235	229	12.53	11.74	6.11	230.6	15.42	9.95	60.36	59.76	0.599	81	80.6	26.359	0
"2012-03-27	05:00:00"	6.433	210.7	11.33	9.95	4.714	211.6	13.37	8.16	58.82	58.17	0.653	81.9	81.9	26.356	0
"2012-03-27	06:00:00"	5.572	229.9	13.39	8.75	3.934	234.5	16.43	6.964	58.56	57.98	0.577	85.7	85.7	26.369	0
"2012-03-27	07:00:00"	5.881	212.9	14.56	9.35	3.948	216.7	18.09	6.368	59.14	58.32	0.823	86.9	86.6	26.376	0
"2012-03-27	08:00:00"	7.125	218.6	13.05	10.54	5.108	223.9	15.37	8.75	58.54	57.59	0.952	87.4	87.7	26.375	2.6637
"2012-03-27	09:00:00"	5.92	233.9	12.32	8.75	4.607	239.5	15.29	8.16	57.62	56.89	0.739	88.5	89.3	26.383	110.64
"2012-03-27	10:00:00"	5.847	239.8	15.26	8.75	5.047	246.2	17.35	8.75	60.39	60.81	-0.424	86.2	82.9	26.396	325.28
"2012-03-27	11:00:00"	7.289	248.6	19.6	13.52	6.374	252.5	20.44	12.33	67.46	68.39	-0.932	60.48	56.73	26.408	539.7
"2012-03-27	12:00:00"	9.21	319.5	28	16.51	7.415	321.7	29.12	14.72	75.97	77.61	-1.638	23.89	21.45	26.411	734.09
"2012-03-27	13:00:00"	7.781	326.1	37.81	19.49	6.615	328.1	41.72	16.51	79.46	82.1	-2.688	11.63	9.51	26.409	873.84
"2012-03-27	14:00:00"	5.605	272.4	52.46	14.72	4.936	276.5	54.04	13.52	79.87	83.1	-3.262	10.31	8.08	26.399	940.28
"2012-03-27	15:00:00"	6.414	300.3	58.55	17.7	5.27	303	57.54	15.31	81.9	84.9	-2.981	9.23	7.059	26.377	916.73
"2012-03-27	16:00:00"	6.381	292.4	53.16	17.1	5.343	294.4	58.67	15.91	83.2	86.1	-2.92	8.18	6.043	26.356	864.06
"2012-03-27	17:00:00"	6.22	251.4	55.04	15.91	5.509	254.1	57.81	13.52	85.6	86.9	-1.38	7.757	5.806	26.334	730.25
"2012-03-27	18:00:00"	8.05	302	45.91	17.7	6.351	306.9	48.36	14.72	85.7	87.4	-1.755	7.197	5.222	26.326	554.66
"2012-03-27	19:00:00"	3.472	218.1	83	11.74	3.846	225.2	84.1	11.14	85.6	86.1	-0.533	7.073	5.267	26.33	403.23
"2012-03-27	20:00:00"	7.924	169.3	28.92	16.51	6.974	168.9	30.29	14.12	84.4	84.4	-0.028	8.71	7.042	26.323	135.61
"2012-03-27	21:00:00"	10.58	171.3	15.85	26.65	8.59	171.1	16.29	22.47	79.56	78.22	1.347	15.56	14.77	26.339	3.6497
"2012-03-27	22:00:00"	11.91	188.9	8.8	20.09	9.58	188.8	11.03	17.1	73.93	71.32	2.607	27.33	27.24	26.378	0
"2012-03-27	23:00:00"	10.42	190	9.19	17.1	9.06	190.5	11.58	15.91	70.17	68.89	1.275	32.08	31.38	26.402	0
"2012-03-28	00:00:00"	10.75	202.1	9.42	16.51	8.4	204.1	12.39	14.12	67.81	66.59	1.226	34.44	33.95	26.4	0
"2012-03-28	01:00:00"	7.842	206.9	11.5	12.33	6.242	207.5	13.27	9.95	63.71	63.39	0.326	39.76	38.44	26.395	0
"2012-03-28	02:00:00"	7.199	198.9	10.89	11.14	5.405	199.8	12.71	9.35	60.9	60.32	0.575	46.72	45.54	26.389	0
"2012-03-28	03:00:00"	5.968	207.9	10.81	10.54	4.908	213.5	12.76	8.16	59.58	59.09	0.489	50.85	49.67	26.381	0
"2012-03-28	04:00:00"	6.934	209.5	10.83	10.54	5.821	211.8	13.78	9.35	58.76	58.42	0.339	54.33	53.12	26.379	0
"2012-03-28	05:00:00"	7.576	199.2	11.11	11.14	5.723	201.4	14.73	9.35	56.83	56.47	0.362	60.04	58.91	26.385	0
"2012-03-28	06:00:00"	9.76	188.1	8.56	14.72	7.394	191.4	11.23	11.74	56.77	55.92	0.851	62.72	62.31	26.39	0
"2012-03-28	07:00:00"	9.2	186.4	7.761	14.12	6.924	189.8	10.12	11.14	55.99	55.42	0.569	64.11	63.56	26.398	0
"2012-03-28	08:00:00"	7.755	184.7	8.02	11.14	5.847	187.3	10.2	9.95	55.1	54.77	0.328	66.46	65.68	26.405	2.2178
"2012-03-28	09:00:00"	7.385	184.3	8.73	11.74	5.685	186.3	10.34	9.95	54.9	54.99	-0.084	69.04	67.63	26.415	81.655
"2012-03-28	10:00:00"	12.22	187.9	9.12	19.49	9.93	187.9	11.55	15.91	61.7	60.95	0.751	62.49	60.94	26.422	297.3
"2012-03-28	11:00:00"	11.98	188.2	12.25	18.3	9.91	188.4	15.59	15.91	68.28	67.74	0.532	49.39	47.87	26.424	501.55
"2012-03-28	12:00:00"	8.01	215.9	18.56	12.93	7.06	219.1	20.44	11.74	70.65	72.41	-1.765	41.89	38.24	26.428	684.55
"2012-03-28	13:00:00"	3.96	224.7	40.28	10.54	4.059	225.6	46.73	8.75	74.8	76.77	-1.976	32.09	29.1	26.413	847.85
"2012-03-28	14:00:00"	3.876	195.5	63.6	10.54	4.267	200	60.62	11.14	79.22	81	-1.821	22.6	20.05	26.391	925.87
"2012-03-28	15:00:00"	5.915	215.5	45.11	14.72	5.382	217.6	49.68	12.33	82.3	84.4	-2.091	17.24	14.78	26.362	907.05
"2012-03-28	16:00:00"	8.97	185	47.03	20.68	7.787	185.8	49.14	17.7	84.2	86.3	-2.113	15.39	12.89	26.333	852.27
"2012-03-28	17:00:00"	10.38	171	33.01	20.68	8.93	170.1	33.49	18.89	85	86.5	-1.517	14.28	11.95	26.306	722.37
"2012-03-28	18:00:00"	10.29	159	30.39	21.28	8.81	158.1	31.83	20.68	85.2	86.6	-1.378	13.17	10.97	26.285	537.37

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-28	19:00:00"	8.8	180.8	31.83	23.66	7.612	181.6	34.88	20.68	84.3	85.1	-0.778	13.27	11.3	26.276	303.82	0
"2012-03-28	20:00:00"	9.51	161.9	13.9	15.91	7.998	161.8	14.37	12.93	83.1	83	0.174	14.01	12.39	26.277	93.945	0
"2012-03-28	21:00:00"	8.57	157.1	9.27	13.52	6.961	155.1	8.69	11.74	78.47	77.6	0.861	16.9	15.59	26.286	1.781	0
"2012-03-28	22:00:00"	13.57	156.3	9.72	22.47	11.51	154.8	9.32	20.09	75.38	73.63	1.75	27.53	26.84	26.31	0	0
"2012-03-28	23:00:00"	16.57	167	8.1	27.24	13.62	167	9.54	24.86	74.97	71.7	3.271	36.96	38.66	26.334	0	0
"2012-03-29	00:00:00"	17.27	172.7	8.26	24.86	14.19	172.1	9.55	21.28	73.38	69.85	3.524	42.56	46.28	26.342	0	0
"2012-03-29	01:00:00"	11.57	185.2	9.21	20.68	9.42	186	11.52	17.1	69.16	66.4	2.762	50.85	53.28	26.346	0	0
"2012-03-29	02:00:00"	10.57	187	9.14	14.72	8.44	187.7	11.46	12.93	65.71	64.47	1.242	58.99	59.05	26.338	0	0
"2012-03-29	03:00:00"	9.72	172.6	9.45	15.31	7.777	171.5	11.19	13.52	62.47	61.7	0.772	65.3	64.86	26.334	0	0
"2012-03-29	04:00:00"	12.11	170	7.872	17.1	9.67	169.4	9.05	14.72	62.24	60.25	1.982	67.48	69.47	26.325	0	0
"2012-03-29	05:00:00"	12.08	175.9	13.43	17.7	9.7	176.1	15.83	14.12	61.2	59.1	2.107	75.71	78.87	26.313	0	0
"2012-03-29	06:00:00"	9.24	191.5	10.31	14.12	7.154	193.1	12.76	11.74	59.09	57.92	1.169	83.3	84.9	26.311	0	0
"2012-03-29	07:00:00"	8.63	207.6	10.61	14.12	6.885	212.7	12.88	12.93	58.06	57.5	0.559	87	87.7	26.311	0	0
"2012-03-29	08:00:00"	9.13	218.9	17.75	14.12	7.637	221.5	20.64	12.33	57.67	57.23	0.434	88.2	88.6	26.317	2.3765	0
"2012-03-29	09:00:00"	6.812	231.7	13.05	11.74	5.896	235.1	15.08	10.54	56.22	56.1	0.122	89.2	89.4	26.327	69.009	0
"2012-03-29	10:00:00"	6.849	243.4	10.66	9.95	6.085	246.8	12.83	9.95	58.55	58.85	-0.305	85.6	79.94	26.338	288.3	0
"2012-03-29	11:00:00"	8.55	258.3	17.79	13.52	7.256	261.2	19.56	12.93	68.81	69.69	-0.878	43.36	40.03	26.338	547.79	0
"2012-03-29	12:00:00"	10.85	298.4	19.94	20.09	7.974	300.7	20.85	17.7	77.7	80.1	-2.402	18.73	16.34	26.332	743.23	0
"2012-03-29	13:00:00"	10.84	309.6	20.27	21.28	8.17	311.4	21.12	18.3	83.3	86.1	-2.836	8.38	6.343	26.321	866.35	0
"2012-03-29	14:00:00"	10.78	302.6	26.69	20.09	8.44	303.6	27.72	18.89	85.5	88	-2.467	6.485	4.541	26.303	946.61	0
"2012-03-29	15:00:00"	14.4	288.9	22.83	26.65	10.72	292.3	23.46	24.26	86.8	91.1	-4.304	6.026	3.882	26.278	944.88	0
"2012-03-29	16:00:00"	12.74	278.7	24.74	42.15	9.8	282.9	26.18	35	87.5	93.3	-5.738	5.806	3.415	26.253	897.57	0
"2012-03-29	17:00:00"	12.19	266.3	28.04	27.84	9.79	269.9	28.94	21.28	87.1	87.5	-0.406	6.363	4.481	26.229	643.94	0
"2012-03-29	18:00:00"	10.82	263.1	27.99	24.26	8.6	268.3	29.54	23.07	87	89.5	-2.533	7.648	5.525	26.214	449.69	0
"2012-03-29	19:00:00"	8.05	261.9	28.55	16.51	6.684	267.7	30.66	15.31	85.8	86.5	-0.647	8.3	6.411	26.21	230.13	0
"2012-03-29	20:00:00"	6.293	250	46.85	15.91	5.549	255.9	51.24	12.93	84.4	84.1	0.284	9.04	7.383	26.217	114.2	0
"2012-03-29	21:00:00"	5.586	247.9	11.8	8.75	4.205	253.9	12	6.368	79.61	78.56	1.059	10.79	9.63	26.22	2.4081	0
"2012-03-29	22:00:00"	3.086	228.7	20.51	8.16	3.143	230.2	24.91	6.368	74.63	73.33	1.298	12.33	11.41	26.239	0	0
"2012-03-29	23:00:00"	5.688	228.2	19.55	14.12	4.637	228.6	24.14	11.14	70.4	69.4	1	15.29	14.18	26.261	0	0
"2012-03-30	00:00:00"	6.476	214.4	22.02	14.12	5.293	213	24.87	11.74	68.26	66.85	1.409	19.99	18.91	26.264	0	0
"2012-03-30	01:00:00"	5.496	241.3	37.31	12.33	4.297	250.7	53.47	9.95	68.14	65.47	2.669	18.8	19.79	26.268	0	0
"2012-03-30	02:00:00"	3.245	233.9	30.37	7.561	2.754	230.7	48.14	5.771	66.82	62.27	4.55	16.42	19.74	26.262	0	0
"2012-03-30	03:00:00"	6.724	259.9	34.94	15.91	4.061	261	39.75	13.52	61.56	59.44	2.121	19.21	20.24	26.256	0	0
"2012-03-30	04:00:00"	5.873	272.9	25.2	8.16	2.657	274	35.01	4.578	59.57	54.78	4.796	12.84	15.47	26.255	0	0
"2012-03-30	05:00:00"	2.543	228.5	18.34	7.561	2.409	216.4	28.46	4.578	62.62	58.54	4.081	10.5	12.5	26.26	0	0
"2012-03-30	06:00:00"	3.177	192.5	18.22	8.75	2.805	187.7	23.3	6.368	56.31	53.75	2.562	24.63	23.97	26.274	0	0
"2012-03-30	07:00:00"	5.399	234.1	30.27	11.74	3.89	233.9	39.36	8.75	54.26	52.77	1.487	35.5	34.9	26.284	0	0
"2012-03-30	08:00:00"	9.36	328.4	16.69	15.31	5.777	339.9	14.33	9.95	53.85	47.74	6.11	18.18	24.73	26.294	4.6365	0
"2012-03-30	09:00:00"	10.73	306.8	6.257	18.3	6.015	313.5	10.58	14.12	57.2	54.02	3.176	12.74	14.6	26.314	127.63	0
"2012-03-30	10:00:00"	11.38	297.2	12.21	20.09	7.349	300	14.23	14.72	61.79	64.53	-2.743	11.67	9.57	26.331	342	0
"2012-03-30	11:00:00"	8.22	302.9	16.84	12.93	6.303	304.6	18.59	12.33	69.77	71.02	-1.25	14.84	12.72	26.33	558.96	0
"2012-03-30	12:00:00"	9.11	302.1	15.38	16.51	6.551	304.8	16.88	13.52	77.11	78.59	-1.483	14.02	11.82	26.328	747.64	0
"2012-03-30	13:00:00"	8.4	287.6	34.27	17.1	6.764	288.9	34.69	14.72	81.2	82.5	-1.353	11.47	9.41	26.316	883.8	0
"2012-03-30	14:00:00"	9.57	301.2	30.62	22.47	6.942	304.4	34.42	16.51	84.4	87.3	-2.945	8.99	6.795	26.298	942.17	0
"2012-03-30	15:00:00"	13.34	283.1	30.58	24.86	10.17	287.5	31.31	20.68	86	88.1	-2.138	7.563	5.475	26.274	923.43	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-03-30	16:00:00"	12.19	286.6	22.77	24.86	9.21	289.1	23.61	22.47	86.6	88.2	-1.58	6.304	4.351	26.254	870.36	0	
"2012-03-30	17:00:00"	13.58	291.5	20.4	24.86	9.67	294.3	21.84	19.49	87.4	90.2	-2.843	5.113	3.105	26.241	738.32	0	
"2012-03-30	18:00:00"	12.54	293.3	27.49	22.47	9.27	295.3	27.95	18.89	87.3	87.2	0.052	5.508	3.733	26.238	547.37	0	
"2012-03-30	19:00:00"	11.63	285.5	13.92	22.47	8.07	289.3	15.72	17.7	87	86.3	0.689	5.749	4.076	26.237	300.2	0	
"2012-03-30	20:00:00"	9.27	291.7	12	16.51	5.55	297.4	13.38	14.12	86.2	82.7	3.48	6.02	4.755	26.246	111.33	0	
"2012-03-30	21:00:00"	3.752	275.9	24.75	5.771	1.957	281.2	58.54	3.386	80.3	77.95	2.375	7.153	6.13	26.255	1.877	0	
"2012-03-30	22:00:00"	1.589	211.3	48.97	4.578	1.635	44.18	59.15	4.578	78.2	73.34	4.855	7.823	7.534	26.273	0	0	
"2012-03-30	23:00:00"	4.251	188.2	7.934	9.95	2.202	159	23.63	4.578	76.15	71.64	4.511	8.82	8.81	26.284	0	0	
"2012-03-31	00:00:00"	5.43	194	30.42	18.89	3.21	191.5	42.49	15.31	72.03	68.92	3.119	10.58	10.15	26.288	0	0	
"2012-03-31	01:00:00"	6.604	284.4	14.07	11.74	3.454	301.2	26.65	9.95	69.95	64.85	5.099	11.91	12.49	26.293	0	0	
"2012-03-31	02:00:00"	8.67	294.6	3.902	11.14	2.92	297.8	13.09	5.771	67.92	60.37	7.541	12.84	14.75	26.291	0	0	
"2012-03-31	03:00:00"	9.89	303.1	4.865	12.33	4.204	308.6	7.369	6.964	64.52	59.79	4.725	14.19	15.18	26.286	0	0	
"2012-03-31	04:00:00"	10.98	306.4	5.092	13.52	5.201	311.5	8.25	8.75	62.82	57.68	5.14	14.97	15.68	26.279	0	0	
"2012-03-31	05:00:00"	12.15	310.9	4.265	15.31	6.774	315.2	7.006	10.54	61.65	57.29	4.353	16.47	16.61	26.267	0	0	
"2012-03-31	06:00:00"	13.42	318.9	6.846	17.7	8.67	321.3	8.46	13.52	61.77	61.28	0.492	16.92	15.59	26.276	0	0	
"2012-03-31	07:00:00"	10.9	343.7	21.54	13.52	7.089	343.1	20.92	11.14	61.91	58.8	3.107	17.57	17.62	26.292	0	0	
"2012-03-31	08:00:00"	11.22	7.157	7.689	14.72	7.719	4.964	10.96	11.14	53.75	53.4	0.349	25.34	24.52	26.307	4.2532	0	
"2012-03-31	09:00:00"	9.36	358.2	11.24	12.33	6.958	356.3	12.23	10.54	59.43	58.19	1.243	21.41	20.86	26.325	127.44	0	
"2012-03-31	10:00:00"	7.331	333	20.57	12.33	5.963	332.7	21.3	11.14	71.38	71.69	-0.311	14.58	12.79	26.334	344.99	0	
"2012-03-31	11:00:00"	2.958	229.9	35.47	8.75	3.227	224.2	36.91	9.95	78.81	78.86	-0.052	11.56	10	26.337	561.46	0	
"2012-03-31	12:00:00"	6.783	239.3	22	12.93	6.111	242.5	24.58	11.14	83.9	81.7	2.198	9.9	8.68	26.34	746.26	0	
"2012-03-31	13:00:00"	7.43	221.7	22.48	14.72	6.581	227	26.45	12.93	85.7	85.2	0.552	9.24	7.595	26.331	877.25	0	
"2012-03-31	14:00:00"	7.263	211.7	41.56	15.91	6.45	215.4	44.78	16.51	88.4	88.1	0.275	7.937	6.176	26.31	944.63	0	
"2012-03-31	15:00:00"	8.55	198.3	44.5	24.26	7.425	196.5	50.67	18.3	90.7	87.9	2.776	7.473	6.075	26.287	921.72	0	
"2012-03-31	16:00:00"	7.81	251.1	48.36	18.89	6.677	255.8	48.71	17.1	90.8	89.6	1.259	7.113	5.49	26.264	865.96	0	
"2012-03-31	17:00:00"	8.99	219.3	46.88	22.47	7.762	219.6	50.18	20.09	92	91.1	0.883	6.619	4.965	26.248	725.82	0	
"2012-03-31	18:00:00"	10.25	229	24.82	22.47	8.75	232.2	28.8	17.7	94.5	90.8	3.717	5.779	4.514	26.233	546.29	0	
"2012-03-31	19:00:00"	9.44	218.4	25.92	18.89	7.952	220.4	28.33	15.91	91.1	89.2	1.882	6.138	4.631	26.228	297.74	0	
"2012-03-31	20:00:00"	7.95	209.9	17.25	17.1	6.523	210.5	19.68	14.72	90.1	87.1	2.989	6.682	5.357	26.229	116.2	0	
"2012-03-31	21:00:00"	7.483	171	13.59	10.54	5.618	168.9	16.49	8.16	85.3	81	4.294	8.15	7.208	26.231	2.2376	0	
"2012-03-31	22:00:00"	9.65	159.1	8.32	14.72	7.502	155.6	8.92	11.14	82	77.54	4.504	9.49	9	26.239	0	0	
"2012-03-31	23:00:00"	5.992	199.6	24.39	12.93	4.207	199.4	32.7	10.54	75.95	72.82	3.129	11.12	10.55	26.255	0	0	
"2012-04-01	00:00:00"	5.837	215.3	36.97	12.33	4.277	214	43.48	10.54	77.69	71.59	6.099	10.38	10.27	26.25	0	0	
"2012-04-01	01:00:00"	9.04	261.5	9.21	15.31	7.023	266	10.05	12.33	75.2	70.19	5.013	10.53	10.24	26.239	0	0	
"2012-04-01	02:00:00"	8.4	260.8	8.99	14.72	6.25	261.7	10.9	12.33	73.94	69.12	4.826	10.74	10.19	26.23	0	0	
"2012-04-01	03:00:00"	6.487	256.3	21.66	11.14	4.461	257.6	28.87	8.75	73.38	66.03	7.353	10.55	11.06	26.222	0	0	
"2012-04-01	04:00:00"	4.503	258	27.85	9.35	2.812	256.1	39.31	7.561	69.74	65.1	4.637	11.38	11.33	26.21	0	0	
"2012-04-01	05:00:00"	7.034	186.8	16.56	12.33	5.097	179.4	15.46	9.35	64.33	61.1	3.23	13.69	13.84	26.205	0	0	
"2012-04-01	06:00:00"	9.74	184.5	7.855	17.1	7.258	185.3	10.27	13.52	64.76	60.9	3.863	14.16	14.21	26.2	0	0	
"2012-04-01	07:00:00"	7.486	195.1	9	12.33	5.401	197.5	11.62	10.54	61.17	57.96	3.214	16.81	16.98	26.203	0	0	
"2012-04-01	08:00:00"	6.998	189.1	10.28	11.74	4.974	186.6	12.3	9.35	57.22	55.04	2.18	19.96	19.68	26.205	6.1875	0	
"2012-04-01	09:00:00"	6.775	197	13.8	10.54	5.383	199.7	15.84	8.75	58.52	56.68	1.831	20.29	19.57	26.219	136.33	0	
"2012-04-01	10:00:00"	5.721	223.1	17.05	9.35	5.172	226.3	18.42	8.16	64.96	63.07	1.889	16.69	15.4	26.225	353.19	0	
"2012-04-01	11:00:00"	7.029	233.9	17.65	11.74	6.291	237	20.21	11.14	74.15	71.49	2.659	12.81	11.76	26.221	570.39	0	
"2012-04-01	12:00:00"	13.82	269.8	21.2	23.66	10.26	273.7	23.17	20.68	83.5	84.1	-0.548	9.16	7.369	26.209	756.91	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-01	13:00:00"	12.76	269.4	25.39	22.47	9.79	272.9	26.64	18.89	84.9	88.8	-3.897	7.612	5.299	26.193	889.72	0
"2012-04-01	14:00:00"	16.9	232.1	22.67	32.01	14.2	235.7	25.38	30.22	88.8	88.5	0.303	6.445	4.699	26.165	954.43	0
"2012-04-01	15:00:00"	20.65	225.7	16.4	32.01	17.41	227.9	18.41	30.82	90.4	89.7	0.694	5.955	4.39	26.137	935.58	0
"2012-04-01	16:00:00"	24.33	219.1	15.57	42.15	20.21	220.5	17.43	37.38	91	91	0.083	4.733	3.126	26.105	879.27	0
"2012-04-01	17:00:00"	22.82	233.5	14.42	37.38	19.22	236.4	16.8	30.22	90.9	90.9	0.037	3.863	2.199	26.086	748.69	0
"2012-04-01	18:00:00"	21.91	230.3	14.61	37.98	18.64	233	16.81	32.61	90.2	89.8	0.459	3.014	1.37	26.074	565.88	0
"2012-04-01	19:00:00"	17.53	235.3	13.73	29.03	15.07	238.3	16.02	24.86	89.9	87.5	2.477	3.292	1.8	26.065	307.32	0
"2012-04-01	20:00:00"	15.78	232.1	12.99	27.84	13.25	234.4	15.44	25.45	88.8	86	2.829	3.177	1.765	26.06	122.22	0
"2012-04-01	21:00:00"	8.78	211.3	11.71	17.1	6.812	211.3	13.81	15.91	83.8	78.56	5.2	4.107	3.101	26.057	2.8823	0
"2012-04-01	22:00:00"	8.97	217.2	14.64	14.12	6.532	216.4	17.54	11.74	79.55	72.82	6.726	4.546	3.954	26.068	0	0
"2012-04-01	23:00:00"	11.57	258.1	8.64	18.89	9.01	265.7	9.43	15.31	75.99	71.43	4.565	5.241	4.308	26.071	0	0
"2012-04-02	00:00:00"	9.16	265.9	7.153	12.93	6.845	272.3	9.35	10.54	74.85	70.83	4.023	5.981	4.967	26.058	0	0
"2012-04-02	01:00:00"	6.611	273	14.15	10.54	3.619	286.5	20.22	6.368	71.41	65.45	5.958	6.983	6.843	26.05	0	0
"2012-04-02	02:00:00"	8.08	184.3	32.41	17.1	6.046	182	37.86	14.72	71.93	66.33	5.603	7.089	7.015	26.056	0	0
"2012-04-02	03:00:00"	8.15	170.5	13.39	15.31	6.234	170	15.56	11.74	70.73	64.57	6.161	18.89	20.37	26.052	0	0
"2012-04-02	04:00:00"	10.05	162.4	10.09	17.7	8.02	161.5	10.97	13.52	66.76	64.11	2.65	41.18	43.76	26.046	0	0
"2012-04-02	05:00:00"	8.98	189.7	18.45	15.91	6.975	192.4	22.7	12.93	65.44	62.85	2.591	43.72	46.66	26.051	0	0
"2012-04-02	06:00:00"	4.942	193.5	16.95	8.16	3.339	195.1	24.1	6.964	63.2	58.32	4.875	45.85	51.1	26.056	0	0
"2012-04-02	07:00:00"	4.137	235.4	14.29	6.964	2.963	245.8	22.65	6.368	61.37	55.47	5.908	48.28	54.35	26.067	0	0
"2012-04-02	08:00:00"	6.285	247.7	12.65	8.75	4.271	252.7	13.84	6.368	63.66	54.83	8.82	37.65	49.96	26.076	5.6527	0
"2012-04-02	09:00:00"	8.15	268.3	16.87	15.31	5.445	271.8	19.69	11.74	64.09	58.4	5.685	25.54	29.41	26.081	137.73	0
"2012-04-02	10:00:00"	14.04	264.8	8.76	24.26	11.42	270.2	9.79	20.68	69.73	69.21	0.513	19.78	18.49	26.074	354.84	0
"2012-04-02	11:00:00"	18.73	268.4	11.35	27.24	14.78	273.4	12.11	23.66	71.49	74.74	-3.246	20.33	17.09	26.071	569.02	0
"2012-04-02	12:00:00"	19.32	258.8	9.85	30.82	15.82	265	12.26	26.05	72.48	74.81	-2.327	19.6	16.75	26.068	751.38	0
"2012-04-02	13:00:00"	20.04	245.6	15.83	37.38	16.73	250	18.91	30.82	74.29	75.42	-1.133	16.77	14.7	26.061	878.77	0
"2012-04-02	14:00:00"	24.41	239.3	14.34	38.57	20.66	243.1	17.03	35.59	74.93	76.04	-1.108	13.13	11.38	26.054	944.32	0
"2012-04-02	15:00:00"	27.63	242.5	12.82	46.33	23.17	246.1	15.32	36.78	73.55	74.78	-1.232	12.81	10.97	26.056	917.32	0
"2012-04-02	16:00:00"	30.41	249.7	10.59	48.71	25.14	255.3	13.76	41.56	72.27	73.97	-1.691	12.35	10.23	26.062	849.24	0
"2012-04-02	17:00:00"	32.71	255.2	10.43	46.92	26.63	262.2	12.8	39.77	70.7	72.76	-2.06	9.62	7.395	26.061	726.12	0
"2012-04-02	18:00:00"	27.42	256.2	11.5	42.15	22.49	262.5	13.53	36.19	70.5	72.18	-1.68	8.26	6.178	26.067	546.43	0
"2012-04-02	19:00:00"	21.8	269.4	11.22	39.77	16.97	274.3	12.42	30.82	69.31	72.23	-2.915	8.44	6.011	26.077	290.58	0
"2012-04-02	20:00:00"	19.24	281.7	9.03	27.84	13.1	285.8	11.17	24.86	67.5	71.75	-4.247	9.39	6.303	26.09	108.67	0
"2012-04-02	21:00:00"	13.88	291.7	8.47	22.47	8.01	296.4	10.26	16.51	65.09	67.93	-2.842	9.45	6.743	26.102	2.6177	0
"2012-04-02	22:00:00"	11.74	295.1	8.9	18.89	6.34	300.8	11.59	11.14	62.32	63.59	-1.265	9.75	7.628	26.128	0	0
"2012-04-02	23:00:00"	4.817	314.4	18.5	12.33	2.74	346.7	42.82	5.771	60.28	56.46	3.813	9.66	9.02	26.161	0	0
"2012-04-03	00:00:00"	7.194	303.8	9.31	12.93	3.419	319.6	26.92	5.771	58.26	55.58	2.675	10.8	10.1	26.17	0	0
"2012-04-03	01:00:00"	7.803	313.1	4.728	11.14	4.023	321.5	7.926	6.368	55.22	50.05	5.17	13.49	13.54	26.186	0	0
"2012-04-03	02:00:00"	7.289	301.9	3.17	10.54	3.517	316.6	9.56	5.175	52.39	49.74	2.651	17.24	16.27	26.203	0	0
"2012-04-03	03:00:00"	7.608	299.2	4.507	9.95	3.217	310.5	7.91	5.175	51.6	47.52	4.075	20.06	19.06	26.206	0	0
"2012-04-03	04:00:00"	10.14	304.1	5.541	12.93	4.949	309.7	8.73	8.16	49.24	46.5	2.735	24.05	23.57	26.206	0	0
"2012-04-03	05:00:00"	7.805	296.6	8.25	10.54	3.774	307.1	11.31	6.368	47.81	42.27	5.541	26.32	27.58	26.211	0	0
"2012-04-03	06:00:00"	8.83	304.7	4.365	10.54	4.905	317.7	6.776	6.368	47.58	42.1	5.484	29.54	30.72	26.217	0	0
"2012-04-03	07:00:00"	9.11	309.8	7.177	14.12	5.024	319.9	9.81	9.35	47.86	40.91	6.946	31.14	33.38	26.234	0	0
"2012-04-03	08:00:00"	8.13	298	14.39	13.52	4.155	303	17.35	10.54	46.68	41.93	4.754	38.81	40.02	26.261	4.9762	0
"2012-04-03	09:00:00"	8.15	317.9	28.89	12.33	5.63	320.7	29.56	9.35	49.67	44.63	5.041	37.59	39.27	26.294	144.87	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-03	10:00:00"	13.87	279.3	8.93	24.86	10.06	282.6	11.61	20.09	54.37	54.97	-0.607	30.03	28.21	26.311	360.96
"2012-04-03	11:00:00"	18.1	274.6	11.02	27.24	13.73	278.9	12.35	23.66	57.99	62.26	-4.269	28.58	23.79	26.313	568
"2012-04-03	12:00:00"	20.15	271.2	11.9	28.43	15.65	275.9	13	24.26	58.79	63.16	-4.362	32.9	27.55	26.325	746.58
"2012-04-03	13:00:00"	19.49	272.7	13.44	29.63	14.89	277	14.23	25.45	61.43	65.6	-4.173	30.88	26.02	26.33	874.9
"2012-04-03	14:00:00"	21.62	284.9	12.13	32.61	14.63	288.9	13.06	27.84	62.52	69.25	-6.729	28.63	21.92	26.322	940.88
"2012-04-03	15:00:00"	20.44	284.3	14.47	30.82	14.28	288	15.91	27.24	63.64	69.97	-6.326	28.55	22.16	26.311	915.44
"2012-04-03	16:00:00"	19.28	291.4	17.26	31.42	13.42	294.9	18.17	27.84	65.75	71.68	-5.937	25.45	19.77	26.302	865.12
"2012-04-03	17:00:00"	18.82	291.8	14.85	29.03	12.78	295.3	16.12	23.66	67	72.55	-5.551	23.16	18.05	26.298	731.59
"2012-04-03	18:00:00"	18.28	298.9	13.78	29.03	11.81	302.2	15.21	21.87	67.75	72.44	-4.692	22.66	18.03	26.296	542.46
"2012-04-03	19:00:00"	15.44	304.5	15.46	24.26	10.31	307.1	16.9	19.49	67.93	70.24	-2.306	23.48	20.06	26.302	290.9
"2012-04-03	20:00:00"	13.94	325.7	12.2	21.28	10.31	327.1	12.71	19.49	67.28	65.73	1.552	25.1	23.79	26.313	105.08
"2012-04-03	21:00:00"	10.26	341.3	9.86	15.31	7.273	339.9	10.71	13.52	64.43	58.84	5.592	27.04	28.47	26.331	2.5888
"2012-04-03	22:00:00"	7.913	3.624	13.17	12.33	5.142	6.362	15.97	9.35	59.33	53.55	5.78	30.95	33.3	26.356	0
"2012-04-03	23:00:00"	8.76	7.689	4.724	11.14	5.282	6.915	9.73	8.16	54.76	49.9	4.852	35.1	37.01	26.374	0
"2012-04-04	00:00:00"	9.79	8.12	7.516	12.93	6.65	6.264	11.59	9.95	52.56	48.94	3.613	37.82	39.06	26.377	0
"2012-04-04	01:00:00"	11.22	8.96	9.41	18.89	7.935	4.837	12.63	15.91	51.53	48.28	3.253	42	43.74	26.378	0
"2012-04-04	02:00:00"	10.08	18.79	5.086	13.52	7.676	18.57	9.76	10.54	49.58	47.37	2.218	49.11	49.71	26.384	0
"2012-04-04	03:00:00"	9.86	20.85	7.985	14.72	7.639	21.37	12.96	11.74	47.13	45.09	2.035	57.6	58.15	26.381	0
"2012-04-04	04:00:00"	8.98	8.65	7.079	11.74	5.943	6.057	10.9	8.16	45.07	42.3	2.774	64.47	65.57	26.387	0
"2012-04-04	05:00:00"	8.22	9.22	7.9	11.74	5.76	5.723	11.37	9.95	44.6	41.28	3.318	68.18	71.11	26.391	0
"2012-04-04	06:00:00"	5.261	338	22.47	8.75	2.84	343.9	39.6	5.771	44.82	39.83	4.996	69.28	72.95	26.374	0
"2012-04-04	07:00:00"	3.167	235	42.64	7.561	2.449	235.8	63.39	6.964	45.07	40.01	5.062	67.3	71.35	26.365	0
"2012-04-04	08:00:00"	5.624	334.4	23.64	8.75	3.419	340.5	29.92	5.771	44.02	37.26	6.758	69.84	74.58	26.372	7.5851
"2012-04-04	09:00:00"	2.446	297.2	49.15	6.368	2.075	291.9	50.21	5.175	46.35	42.49	3.868	66.52	68.79	26.392	145.2
"2012-04-04	10:00:00"	3.162	210.1	46.9	6.964	3.147	211.3	50.15	6.964	54.95	49.15	5.803	50.39	55.53	26.403	356.68
"2012-04-04	11:00:00"	8.01	215.5	18.11	13.52	6.96	217.2	21.41	12.33	60.45	54.67	5.778	39.49	44.76	26.406	566.75
"2012-04-04	12:00:00"	11.11	213.1	19.18	18.89	9.4	215	22.32	17.1	63.49	59.19	4.294	35.58	38.31	26.393	747.86
"2012-04-04	13:00:00"	12.07	223.3	17.71	19.49	10.42	226.2	20.6	18.3	67	63.33	3.676	30.75	32.25	26.372	878.04
"2012-04-04	14:00:00"	13.1	233.9	18.71	23.07	11.35	237.2	21.92	20.09	70.97	67.78	3.194	25.55	26.12	26.343	945.62
"2012-04-04	15:00:00"	13.09	254.9	22.54	26.65	10.82	258.9	24.62	24.26	74.1	72.05	2.049	21.45	20.82	26.316	917.29
"2012-04-04	16:00:00"	15.69	282.5	19.38	27.24	11.3	286.5	20.54	23.07	74.8	76.78	-1.983	17.28	14.74	26.285	875.2
"2012-04-04	17:00:00"	15.23	294	17.55	25.45	10.45	296.3	18.75	22.47	76.77	79.14	-2.37	16.09	13.37	26.259	741.06
"2012-04-04	18:00:00"	13.71	288.6	19.32	26.05	9.46	291.9	19.64	18.3	78.11	80.7	-2.548	15.72	12.92	26.241	556.24
"2012-04-04	19:00:00"	11.44	290.3	18.7	21.28	7.876	293.2	19.71	16.51	79.68	82.4	-2.715	14.58	11.83	26.236	299.48
"2012-04-04	20:00:00"	10.4	293.4	11.39	20.09	6.288	297.7	12.52	15.31	78.68	80.6	-1.957	14.69	12.15	26.239	127.91
"2012-04-04	21:00:00"	5.388	274.2	12.96	8.75	3.07	290.3	17.27	5.175	75.85	71.49	4.359	16.46	16.26	26.252	2.0686
"2012-04-04	22:00:00"	1.205	209.2	21.6	5.175	1.517	160.8	21.95	3.982	71.13	66.39	4.743	18.43	18.87	26.271	0
"2012-04-04	23:00:00"	1.856	300.8	23.2	5.771	3.219	350.7	23.03	5.175	67.56	63.29	4.277	20.72	21.11	26.295	0
"2012-04-05	00:00:00"	3.219	280.2	43.03	6.368	3.058	344.6	42.19	4.578	68.14	60.63	7.504	20.85	23.01	26.299	0
"2012-04-05	01:00:00"	1	229.5	27.06	1	1.997	316.7	65.97	4.578	68.65	62.57	6.084	21.11	21.93	26.296	0
"2012-04-05	02:00:00"	7.393	124.4	33.16	14.12	4.952	99.9	25.35	10.54	66.4	59.55	6.856	21.81	24.36	26.299	0
"2012-04-05	03:00:00"	10.31	110.5	10.53	14.12	6.745	103.1	20.06	10.54	62.95	55.88	7.071	26.75	30	26.29	0
"2012-04-05	04:00:00"	9.72	104.7	12.35	12.93	6.623	97.7	19.54	11.14	60.67	54.88	5.787	30.27	33.48	26.278	0
"2012-04-05	05:00:00"	9.47	70.89	10.64	11.74	6.084	62.28	8.64	8.16	56.29	50.84	5.454	35.52	38.32	26.27	0
"2012-04-05	06:00:00"	8.22	58.61	8.56	11.14	6.007	53.63	8.96	8.16	54	49.66	4.344	39.03	40.66	26.274	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-05	07:00:00"	9.57	55.62	8.92	11.74	6.899	55.58	8.97	9.95	52.7	48.72	3.979	41.28	43.04	26.287	0
"2012-04-05	08:00:00"	9.18	51.05	8.79	12.33	6.814	49.78	13.71	9.95	51.2	47.61	3.591	44.82	46.09	26.302	9.8836
"2012-04-05	09:00:00"	8.81	60.94	17.59	14.72	7.19	59.03	20.96	12.33	54.42	50.48	3.946	41.89	43.39	26.327	156.03
"2012-04-05	10:00:00"	10.07	95.7	10.62	14.72	8.65	96.9	12.78	13.52	61.48	58.31	3.167	34.35	34.98	26.341	367.53
"2012-04-05	11:00:00"	6.58	96.9	19.59	10.54	5.823	99	22.9	9.95	67.94	63.67	4.269	27.83	28.51	26.34	582.93
"2012-04-05	12:00:00"	3.004	149.7	60.55	8.16	3.421	152.3	58.49	9.95	75.97	69.67	6.304	20.2	21.23	26.34	755.82
"2012-04-05	13:00:00"	2.411	230.7	58.39	9.35	3.227	235.6	63.79	9.35	82.9	76.1	6.845	14.56	15.12	26.328	899.75
"2012-04-05	14:00:00"	6.194	206.9	38.17	14.72	5.636	210.1	41.02	12.93	88.4	82.6	5.788	11.45	11.42	26.312	944.32
"2012-04-05	15:00:00"	8.55	206.7	30.04	17.1	7.409	208.9	34.01	15.91	90.4	84.8	5.608	10.11	9.88	26.289	880.35
"2012-04-05	16:00:00"	6.294	227.3	57.61	16.51	5.623	222.3	58.27	14.72	92.3	86.8	5.489	8.67	8.11	26.263	861.8
"2012-04-05	17:00:00"	8.19	200.2	47.6	18.89	7.124	200.5	49.69	15.31	94.1	88.1	6.005	7.166	6.483	26.24	722.12
"2012-04-05	18:00:00"	9.99	187.2	34.22	24.26	8.37	188.4	36.24	20.09	94	90.1	3.889	6.359	5.339	26.226	544.78
"2012-04-05	19:00:00"	9.45	177	19.46	15.91	7.937	176.5	21.04	13.52	93.4	89.1	4.337	6.041	5.094	26.222	299.99
"2012-04-05	20:00:00"	8.73	171.5	15.4	16.51	7.21	169.5	15.46	14.12	91.3	85.6	5.741	6.319	5.743	26.227	75.795
"2012-04-05	21:00:00"	9.67	142.6	7.636	14.72	7.23	143.1	8.25	11.74	85.5	78.62	6.918	9.03	9.06	26.24	2.5608
"2012-04-05	22:00:00"	11.3	141.1	6.522	14.72	8.52	142.2	6.7	11.74	81.3	74.84	6.469	10.66	10.84	26.262	0
"2012-04-05	23:00:00"	12.69	104.7	13.14	18.3	9.3	104.1	14.12	14.12	74.86	71.06	3.798	15.2	15.14	26.289	0
"2012-04-06	00:00:00"	15.96	108.8	7.23	23.66	12.46	110	9.55	18.89	72.54	70.09	2.455	25.58	25.54	26.305	0
"2012-04-06	01:00:00"	15.37	109.1	7.047	24.26	12	109.9	9.19	19.49	70.06	67.47	2.588	30.81	31.36	26.313	0
"2012-04-06	02:00:00"	14.75	112.9	7.575	20.09	11.34	114.5	9.94	16.51	67.63	64.29	3.335	36.56	38.14	26.321	0
"2012-04-06	03:00:00"	14.71	121.2	6.625	20.09	11.24	123.3	8.75	16.51	65.16	62.3	2.856	44.04	45.4	26.318	0
"2012-04-06	04:00:00"	12.94	113.2	10.65	18.89	9.83	114.3	12.36	15.31	63.6	60.67	2.927	48.89	51.02	26.314	0
"2012-04-06	05:00:00"	11.28	92.6	7.927	14.12	8.42	91.4	9.08	11.74	61.5	57.23	4.269	53.08	58.6	26.312	0
"2012-04-06	06:00:00"	9.44	62.16	10.78	12.93	7.294	61.75	10.89	11.14	57.45	54.29	3.163	60.41	63.36	26.317	0
"2012-04-06	07:00:00"	9.88	62.2	6.977	12.93	7.472	61.72	8.49	9.95	53.82	52.56	1.255	66.23	66.02	26.328	0
"2012-04-06	08:00:00"	10.85	62.71	6.805	13.52	8.36	62.24	7.798	11.14	51.84	51.11	0.731	70.14	69.18	26.338	6.7516
"2012-04-06	09:00:00"	12.6	73.25	10.12	18.89	10.1	73.29	11.28	16.51	54.46	54.15	0.305	70.11	68.37	26.355	127
"2012-04-06	10:00:00"	13.84	96.6	10.91	20.68	11.47	97.2	12.11	17.7	61.74	61.76	-0.024	60.75	58.03	26.363	360.18
"2012-04-06	11:00:00"	13	133.3	16.26	20.68	11.05	134.6	16.57	17.1	69.29	68.13	1.157	50.43	48.92	26.368	569.89
"2012-04-06	12:00:00"	11.43	162.7	16.53	18.89	9.81	162.9	17.15	15.91	76.08	73.3	2.782	40.72	41.66	26.37	740.9
"2012-04-06	13:00:00"	10.81	173.4	18.32	18.89	9.22	173	20.87	17.1	82.1	79.23	2.844	29.67	29.97	26.357	873.34
"2012-04-06	14:00:00"	8.56	199.7	31.68	17.1	7.658	203.3	36.07	15.91	86.9	83.3	3.633	20.69	20.69	26.338	962.39
"2012-04-06	15:00:00"	6.918	223.6	41.71	17.1	6.112	225.1	47.24	17.7	90.7	86.3	4.391	14.51	14.18	26.321	929.32
"2012-04-06	16:00:00"	8.42	203.8	27.86	17.1	7.261	207.7	32.64	15.31	91.6	87	4.599	11.77	11.47	26.299	663.41
"2012-04-06	17:00:00"	10.69	203.4	28.85	23.07	9.2	204.3	31.92	20.68	91.5	88.6	2.867	10.46	9.62	26.282	634.04
"2012-04-06	18:00:00"	14.28	203.3	21.3	24.86	11.7	204.4	24.76	20.68	91.2	87.6	3.636	6.923	6.031	26.271	542.97
"2012-04-06	19:00:00"	14.38	207.7	16.1	26.05	11.64	208.8	18.63	21.28	89.8	86.7	3.112	5.263	4.112	26.272	228.7
"2012-04-06	20:00:00"	12.39	216.9	14.36	24.86	10.41	216.7	14.6	19.49	88.7	85.3	3.317	4.812	3.635	26.283	120.17
"2012-04-06	21:00:00"	7.975	191.6	9.55	12.93	5.792	192.8	13.49	9.95	86	79.1	6.865	5.761	5.488	26.301	5.6118
"2012-04-06	22:00:00"	7.069	207.1	14.52	10.54	4.895	207.1	16.48	8.75	80.6	73.24	7.405	6.539	6.537	26.327	0
"2012-04-06	23:00:00"	9.45	194.4	21	20.09	6.725	190.8	22.28	17.7	78.47	71.21	7.261	9.72	10.2	26.349	0
"2012-04-07	00:00:00"	15.01	175.9	7.673	21.87	12.72	174.4	9.61	18.89	75.59	71.28	4.306	43.38	48.4	26.37	0
"2012-04-07	01:00:00"	10.9	180.9	8.04	20.09	10.51	181.3	10.32	17.1	74.22	69.35	4.871	52.07	59.35	26.381	0
"2012-04-07	02:00:00"	10.19	186	8.72	18.89	8.02	187.2	11.09	15.91	73.51	67.63	5.889	55.94	64.98	26.399	0
"2012-04-07	03:00:00"	6.869	201.7	9.71	10.54	4.907	206.3	12.36	8.16	71.76	64.48	7.278	59.34	70.22	26.401	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-07	04:00:00"	7.444	193.8	8.98	11.74	5.303	195.2	12.11	8.16	70.14	62.8	7.343	61.42	73.19	26.398	0
"2012-04-07	05:00:00"	7.622	195.3	9.71	14.12	5.501	198.2	12.95	9.95	68.84	61.69	7.159	62.86	74.21	26.403	0
"2012-04-07	06:00:00"	6.425	200.1	7.884	9.95	4.283	204.4	11.6	6.964	69.05	61.46	7.589	61.15	72.82	26.412	0
"2012-04-07	07:00:00"	5.882	199.8	6.852	7.561	3.589	201.8	11.04	5.175	67.88	59.85	8.03	61.54	73.86	26.427	0
"2012-04-07	08:00:00"	4.772	199.5	7.769	6.368	2.494	195.3	14.66	4.578	65.3	57.99	7.313	65.41	76.74	26.443	8.045
"2012-04-07	09:00:00"	4.839	208.8	11.76	9.35	3.205	220	18.92	8.16	65.93	59.76	6.176	64.45	72.39	26.466	96.616
"2012-04-07	10:00:00"	5.596	219.7	13.56	9.35	4.728	222.3	15.46	8.75	69.36	63.32	6.04	57.91	65.09	26.489	238.01
"2012-04-07	11:00:00"	7.208	246	25.81	12.93	6.089	248.8	27.77	11.14	74.73	69.19	5.542	47.89	53.05	26.503	502.94
"2012-04-07	12:00:00"	11.2	328.6	21.6	18.89	8.97	329.2	21.08	15.91	78.02	76.34	1.682	30.7	29.76	26.51	683.71
"2012-04-07	13:00:00"	15.31	6.217	13.4	27.24	12.63	3.365	17.7	23.07	79.32	80.2	-0.883	21.2	19.17	26.518	699.79
"2012-04-07	14:00:00"	21.56	22.9	8.78	32.61	17.78	23.66	13.68	29.03	76.2	80.4	-4.218	19.49	15.97	26.528	665.04
"2012-04-07	15:00:00"	20.65	26.49	10.66	28.43	17.54	27.12	14.19	26.05	74.63	78.66	-4.026	31.6	27.12	26.533	829.53
"2012-04-07	16:00:00"	17.59	34.26	12.07	29.63	14.88	36.13	14.3	24.86	75.32	77.15	-1.832	31.93	28.82	26.529	395.65
"2012-04-07	17:00:00"	20.84	23.37	7.989	30.82	17.11	23.69	12.61	25.45	73.54	76.26	-2.726	37.15	33.37	26.525	329.35
"2012-04-07	18:00:00"	19.6	29.53	8.72	27.84	16.24	31.06	11.84	24.86	73.35	74.96	-1.608	36.82	33.94	26.522	179.03
"2012-04-07	19:00:00"	23.06	29.19	8.69	32.01	19.14	30.53	12.25	28.43	70.55	72.6	-2.05	37.88	34.69	26.522	125.79
"2012-04-07	20:00:00"	23.48	32.22	8	32.01	19.72	33.38	10.5	27.84	67.85	69.78	-1.931	37.56	34.41	26.544	73.615
"2012-04-07	21:00:00"	22.09	47.82	9.31	33.8	18.37	49.58	9.78	29.63	64.97	66.03	-1.056	36.48	34	26.582	2.358
"2012-04-07	22:00:00"	19.17	41.79	7.752	27.84	16.17	43.73	8.63	26.65	62.74	63.36	-0.618	36.31	34.23	26.612	0
"2012-04-07	23:00:00"	18.27	45.36	7.282	25.45	15.39	46.75	8.11	22.47	61.71	61.99	-0.28	36.41	34.63	26.645	0
"2012-04-08	00:00:00"	15.15	23.92	26.43	22.47	12.26	23.55	29.13	20.68	61.66	60.68	0.979	37.13	37.01	26.683	0
"2012-04-08	01:00:00"	14.98	48.62	14.74	21.87	12.27	51.18	15.25	18.3	59.98	59.36	0.62	39.89	40.21	26.682	0
"2012-04-08	02:00:00"	11.52	29.31	19.65	20.68	9.42	27.94	22.94	18.3	58.5	56.82	1.679	47.21	48.23	26.694	0
"2012-04-08	03:00:00"	11.73	55.08	11.44	18.89	9.55	56.27	12.45	15.91	59.45	57.27	2.184	43.85	44.34	26.671	0
"2012-04-08	04:00:00"	10.13	49.75	17.73	15.31	8.2	50.41	18.98	12.93	59.21	56.45	2.755	45.26	46.33	26.665	0
"2012-04-08	05:00:00"	9.52	37.83	9.85	13.52	7.475	35.35	13.67	11.74	57.26	54.17	3.087	49.37	51.06	26.661	0
"2012-04-08	06:00:00"	8.53	3.733	11.18	11.74	5.487	355.8	10.94	9.35	53.31	48.15	5.168	55.2	61.67	26.67	0
"2012-04-08	07:00:00"	11.06	11.43	6.104	14.12	8.15	7.367	11.54	11.14	50.61	48.1	2.509	53.23	55.49	26.667	0
"2012-04-08	08:00:00"	10.81	15.41	5.552	13.52	7.945	12.73	11.94	11.14	49.52	47.47	2.041	53.85	55.11	26.68	11.983
"2012-04-08	09:00:00"	11.6	24.01	9.52	15.91	9.63	24.24	13.65	14.12	52.4	51.65	0.75	51.63	50.68	26.7	85.748
"2012-04-08	10:00:00"	12.14	51.08	11.18	18.89	10.32	53.14	12.1	16.51	57.51	56.53	0.979	51.53	50.34	26.711	126.71
"2012-04-08	11:00:00"	13.33	62.84	9.55	19.49	10.99	65	11.71	17.1	59.21	58.96	0.251	52.75	50.9	26.722	172.36
"2012-04-08	12:00:00"	10.06	64.04	18.36	17.1	8.53	65.78	20.54	15.31	63.59	62.48	1.108	51.81	50.34	26.722	558.08
"2012-04-08	13:00:00"	4.675	115.3	70.54	11.14	4.552	118.7	71.84	11.14	71.76	65.94	5.823	44.76	49.41	26.706	804.36
"2012-04-08	14:00:00"	5.34	190.3	65.41	11.14	4.91	194.7	69.06	11.14	76.24	69.2	7.035	38.27	43.92	26.684	958.23
"2012-04-08	15:00:00"	5.676	180.1	76.65	15.91	4.957	179	79.58	12.93	78.96	71.83	7.128	35.44	39.68	26.652	857
"2012-04-08	16:00:00"	6.172	105.4	48.55	15.31	5.641	105.4	57.34	13.52	80.7	74.47	6.257	33.06	36.03	26.621	852.3
"2012-04-08	17:00:00"	6.591	156.8	35.54	14.72	5.896	157.2	38.02	13.52	81.9	75.28	6.648	31.25	34.62	26.594	714.04
"2012-04-08	18:00:00"	7.49	163.4	29.39	14.12	6.515	164	32.41	12.93	82.6	75.83	6.793	29.29	32.58	26.577	538.79
"2012-04-08	19:00:00"	7.458	162.6	23.56	13.52	6.508	162.1	23.19	12.93	82.2	75.72	6.45	28.34	31.25	26.567	285.3
"2012-04-08	20:00:00"	7.358	141.1	15.6	12.33	6.31	141.7	15.8	11.14	80.9	74.79	6.14	29.69	32.12	26.558	101.31
"2012-04-08	21:00:00"	7.619	134.4	7.211	12.93	5.66	133.6	8.52	9.95	78.45	71.06	7.387	33.24	36.95	26.553	3.4481
"2012-04-08	22:00:00"	9.09	143.7	9.46	13.52	7.414	144.5	9.65	11.14	73.8	67.52	6.276	43.43	49.26	26.567	0
"2012-04-08	23:00:00"	8.77	149.9	8.99	12.93	7.254	149.8	8.98	11.14	70.61	64.63	5.978	50.44	57.52	26.574	0
"2012-04-09	00:00:00"	9.17	151.9	8.4	13.52	7.651	151.3	7.959	11.14	67.78	62.24	5.548	57.23	64.8	26.584	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-09	01:00:00"	8.93	149.7	9.12	14.72	7.421	150.1	8.63	12.33	66.49	60.84	5.649	62.31	70.38	26.592	0
"2012-04-09	02:00:00"	8.26	157.3	9.98	14.12	8.13	157.1	10.25	12.93	65.29	60.13	5.169	66.2	74.47	26.592	0
"2012-04-09	03:00:00"	9.07	155.8	9.56	14.12	7.54	155.3	10.04	11.74	65.43	60.22	5.216	67.43	75.6	26.583	0
"2012-04-09	04:00:00"	8.84	169.6	11.46	13.52	7.06	170.8	12.45	10.54	65.08	59.2	5.882	67.43	77.7	26.566	0
"2012-04-09	05:00:00"	3.836	115.5	52.77	9.95	2.87	100.4	64.65	8.16	62.5	56.73	5.769	70.41	80.9	26.561	0
"2012-04-09	06:00:00"	2.689	111	23.92	4.578	1.634	54.86	47.29	3.982	59.5	54.9	4.603	78.65	84	26.552	0
"2012-04-09	07:00:00"	3.252	102.2	20.01	5.771	1.783	44.28	20.46	3.982	59.61	53.91	5.707	80.2	85.4	26.545	0
"2012-04-09	08:00:00"	4.382	75.77	8	6.368	1.886	36.68	25.52	3.982	59.78	51.73	8.05	79.86	85.4	26.544	7.5859
"2012-04-09	09:00:00"	5.268	82.8	15.02	7.561	3.59	67.64	17.34	6.368	60.78	54.73	6.051	79.42	85.9	26.555	116.99
"2012-04-09	10:00:00"	9.68	163.3	22.19	19.49	8.07	162.4	23.26	16.51	68.07	62.56	5.511	66.19	71.58	26.555	348.75
"2012-04-09	11:00:00"	11.51	178.3	10.01	17.7	9.52	177.3	12.78	15.31	73.05	68.22	4.839	52.26	58.8	26.553	476.48
"2012-04-09	12:00:00"	9.47	182.1	14.55	15.91	7.952	182.8	18.33	14.12	76.89	71.39	5.499	46.65	52.85	26.557	583.48
"2012-04-09	13:00:00"	9.06	174.2	22.88	17.7	7.75	174.1	25.9	15.91	79.85	74.65	5.202	41.76	46.49	26.542	704.2
"2012-04-09	14:00:00"	11.41	159.2	17.86	20.68	9.78	159.6	18.86	17.1	81.6	77.66	3.929	38.94	41.61	26.517	831.73
"2012-04-09	15:00:00"	12.31	157.8	21.73	21.87	10.49	158.2	22.49	19.49	84	80.8	3.16	35.21	36.21	26.493	812.14
"2012-04-09	16:00:00"	13.68	164.2	19.94	25.45	11.48	164.1	20.52	21.87	86.5	83.6	2.904	30.38	30.82	26.464	761.2
"2012-04-09	17:00:00"	12.1	164.7	22.87	24.26	10.25	163.6	24.01	21.87	87.2	83.4	3.747	29.78	31.1	26.437	583.11
"2012-04-09	18:00:00"	11.83	162.4	18.36	21.28	10	162.4	19.24	18.3	86.1	81.7	4.434	30.82	32.67	26.418	237.24
"2012-04-09	19:00:00"	11.14	162.3	13.48	22.47	9.42	161.7	14.57	19.49	84.2	79.43	4.818	34.33	37.01	26.413	57.618
"2012-04-09	20:00:00"	9.53	170.2	9.01	18.89	7.893	169.5	10.53	16.51	83.3	77.29	6.001	36.17	40.57	26.415	6.8365
"2012-04-09	21:00:00"	13.54	160.6	12.51	30.22	11.18	160	12.76	25.45	75.23	71	4.23	49.92	56.27	26.436	0.20343
"2012-04-09	22:00:00"	15.45	162.3	10.4	25.45	12.89	162	11.24	23.66	73.1	68.84	4.254	56.98	63.66	26.433	0
"2012-04-09	23:00:00"	16.48	164.5	10.75	27.84	13.62	164.4	11.4	22.47	71.23	67.38	3.851	58.63	64.7	26.444	0
"2012-04-10	00:00:00"	11.4	166	14.44	20.68	9.36	165.1	14.53	16.51	70.18	64.83	5.35	49.86	57.25	26.455	0
"2012-04-10	01:00:00"	6.985	148.8	17.35	12.93	6.041	148.2	18.34	12.33	69.23	63.37	5.86	53.49	59.76	26.464	0
"2012-04-10	02:00:00"	6.398	118.3	42.39	23.66	4.834	120.6	48.62	15.91	67.44	62.64	4.796	52.95	57.91	26.48	0
"2012-04-10	03:00:00"	5.881	157.7	47.95	11.74	4.069	148.8	53.94	8.16	66.52	60.75	5.771	55.9	61.17	26.479	0
"2012-04-10	04:00:00"	9.24	115	8.72	14.72	6.765	114.4	10.62	11.14	65.6	59.63	5.974	59.15	67.33	26.474	0
"2012-04-10	05:00:00"	6.5	101.7	18.98	9.35	3.941	88	28.55	6.368	64.19	57.15	7.043	66.03	75.8	26.47	0
"2012-04-10	06:00:00"	8.52	79.28	4.549	9.95	5.238	72.93	7.641	6.964	61.13	55.43	5.707	71.45	78.28	26.474	0
"2012-04-10	07:00:00"	8.64	81.8	6.1	11.14	5.414	71.53	8.58	8.16	59.54	54.1	5.439	71.87	78.47	26.48	0
"2012-04-10	08:00:00"	8.13	79.08	8.42	10.54	5.015	68.89	9.16	7.561	58.44	52.91	5.53	72.86	79.35	26.493	14.418
"2012-04-10	09:00:00"	6.743	94.7	15.51	11.74	5.302	91.2	16.47	9.95	62.7	57.04	5.658	72.91	80.2	26.506	162.3
"2012-04-10	10:00:00"	8.76	128.4	12.1	12.93	7.321	130.6	13.6	11.14	68.71	64.2	4.507	65.04	68.97	26.506	368.5
"2012-04-10	11:00:00"	8.55	154.2	14.22	13.52	7.442	155.2	15.29	11.74	73.87	69.04	4.823	52.12	56.39	26.505	574.17
"2012-04-10	12:00:00"	6.065	161.8	25.38	12.93	5.355	160.5	30.3	11.14	78.72	72.18	6.535	41.54	47.4	26.506	751.31
"2012-04-10	13:00:00"	5.039	165.3	44	11.14	4.826	166.9	52.38	10.54	82.9	76.2	6.681	35.66	39.28	26.493	879.06
"2012-04-10	14:00:00"	7.019	159.7	34.03	15.91	6.673	161	38.31	14.12	86.3	80	6.322	27.21	29.37	26.478	876.55
"2012-04-10	15:00:00"	9.41	147.7	35.62	18.89	8.3	148.8	35.47	16.51	87.3	82.1	5.263	26.2	27.67	26.457	929
"2012-04-10	16:00:00"	10.2	153.1	32.98	21.87	8.79	154.7	35	17.7	88.5	83.8	4.742	25.22	26.25	26.429	854.93
"2012-04-10	17:00:00"	11.65	169	23.88	20.68	9.88	168.5	25.84	17.7	89.2	85	4.248	23.08	23.79	26.402	746.36
"2012-04-10	18:00:00"	12.92	166.3	19.73	22.47	10.96	167	21.36	18.89	89.2	85	4.25	21.92	22.8	26.39	576.21
"2012-04-10	19:00:00"	11.78	159.6	15.02	17.1	10	158.9	16.11	17.1	87.7	83.3	4.425	23.01	23.92	26.389	222.92
"2012-04-10	20:00:00"	12.36	164.8	9.92	17.7	10.41	163.4	10.83	16.51	85	80.4	4.563	25.95	27.46	26.388	60.366
"2012-04-10	21:00:00"	12.9	162.2	9.66	20.68	10.66	162.2	10.35	17.7	81.6	76.9	4.707	31.64	34.24	26.402	2.2699

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-10	22:00:00"	10.64	159.5	10.11	16.51	9	158.6	10.92	14.72	79.45	74.29	5.152	34.94	38.02	26.418	0
"2012-04-10	23:00:00"	10.23	161.2	9.82	17.1	8.45	160.6	10.45	14.12	76.6	72.14	4.462	38.62	41.79	26.444	0
"2012-04-11	00:00:00"	8.15	159.6	10.69	12.93	6.819	159.8	11.16	11.14	75.38	69.57	5.815	42.95	48.9	26.459	0
"2012-04-11	01:00:00"	8.53	168.3	12.31	14.72	6.982	167.5	13.31	12.93	74.34	68.42	5.925	49.03	55.98	26.47	0
"2012-04-11	02:00:00"	9.35	168.5	12.33	14.12	7.542	167.5	13.83	12.33	73.15	66.93	6.215	55.31	64.67	26.467	0
"2012-04-11	03:00:00"	7.649	154.6	13.23	12.33	6.264	154.4	14.15	10.54	70.81	64.64	6.166	61.69	70.98	26.457	0
"2012-04-11	04:00:00"	8.92	134.7	10	13.52	6.941	135.1	10.91	11.14	68.94	62.66	6.279	65.54	74.15	26.447	0
"2012-04-11	05:00:00"	7.667	132.2	10.19	11.74	5.769	132	11.04	9.95	67.35	60.95	6.402	66.13	74.77	26.446	0
"2012-04-11	06:00:00"	6.47	117.6	15.74	11.14	4.506	112.5	20.46	8.16	66.11	59.46	6.653	64.5	74.35	26.454	0
"2012-04-11	07:00:00"	3.864	125.5	55.38	8.16	2.546	78.01	66.58	5.771	64.33	58.22	6.102	65.76	74.85	26.474	0
"2012-04-11	08:00:00"	2.125	98.2	31.16	3.982	1.744	37.83	40.58	3.386	62.72	58.29	4.428	67.89	73.36	26.496	8.6606
"2012-04-11	09:00:00"	5.319	71.92	21.16	9.95	4.247	58.78	20.87	9.95	63.86	59.07	4.792	67.5	72.41	26.482	141.39
"2012-04-11	10:00:00"	7.567	108.3	19.19	12.33	6.477	109.6	20.64	11.14	68.67	64.08	4.594	55.28	58.99	26.48	246.15
"2012-04-11	11:00:00"	8.94	121.9	13.89	15.91	7.499	124.7	15.63	14.12	71.63	66.95	4.682	51.01	54.57	26.481	320.45
"2012-04-11	12:00:00"	12.87	96.5	13.04	19.49	10.9	97.5	14.58	16.51	72.74	70.41	2.335	49.46	50.3	26.463	429.17
"2012-04-11	13:00:00"	15.74	123.6	18.05	23.66	13.12	125.1	18.37	21.87	76.23	74.92	1.313	45.28	44.11	26.445	596.02
"2012-04-11	14:00:00"	17.27	149.5	12.64	26.05	14.62	150.3	12.79	21.28	78.64	76.72	1.923	42.85	42.86	26.417	631.73
"2012-04-11	15:00:00"	17.33	151.1	11.84	25.45	14.74	151.3	12.23	26.05	80.8	78.96	1.798	40.46	40.55	26.398	745.97
"2012-04-11	16:00:00"	16.94	154.3	13.91	26.05	14.52	154.3	14.87	24.26	83	81.1	1.871	36.91	36.89	26.377	805.46
"2012-04-11	17:00:00"	17.23	148.3	14.95	28.43	14.54	148.7	14.97	24.86	82.7	81	1.665	35.32	35.08	26.353	533.48
"2012-04-11	18:00:00"	17.66	144.8	12.33	27.24	14.86	145.3	12.29	21.87	80.6	78.65	1.951	40.14	40.14	26.335	261.37
"2012-04-11	19:00:00"	19.01	152.8	12.03	29.03	16.01	152.6	12.27	26.65	77.18	74.5	2.683	48.08	50.59	26.336	66.418
"2012-04-11	20:00:00"	17.23	144.6	9.1	24.86	14.4	145.4	9.38	22.47	73.45	70.48	2.973	56.52	59	26.325	15.803
"2012-04-11	21:00:00"	15.04	153	13.77	23.66	12.54	152.8	14.25	21.87	72.34	68.52	3.813	58.93	64.83	26.357	0.11362
"2012-04-11	22:00:00"	10.44	153.6	23.37	17.7	8.57	152.9	25.24	17.7	70.17	65.39	4.777	66.49	74.9	26.403	0
"2012-04-11	23:00:00"	11.24	122.2	9.9	17.1	8.73	123.3	11.9	14.12	68.14	63.44	4.702	71.73	79.58	26.39	0
"2012-04-12	00:00:00"	14.31	138	8.3	21.28	11.58	138.7	8.8	18.3	67.98	63.47	4.501	73.62	80.7	26.384	0
"2012-04-12	01:00:00"	10.78	123.5	11.09	17.1	8.47	124.3	12.52	14.72	67.37	62.87	4.502	75.89	82.4	26.38	0
"2012-04-12	02:00:00"	11.52	125.3	8.77	15.91	8.83	127.1	10.11	14.12	66.66	61.78	4.884	74.98	82.3	26.369	0
"2012-04-12	03:00:00"	9.46	140.2	12.78	15.31	7.502	140.3	13.5	12.93	66.47	60.64	5.833	73.15	82	26.353	0
"2012-04-12	04:00:00"	7.883	166.6	9.4	15.31	6.274	166.2	10.72	12.93	66.04	60.25	5.792	70.46	81	26.343	0
"2012-04-12	05:00:00"	6.604	160.4	10.92	12.33	5.095	158.7	12.7	10.54	65.28	59.32	5.964	71.47	81.4	26.342	0
"2012-04-12	06:00:00"	10.86	173.1	8.31	16.51	8.67	172.9	9.84	13.52	66.47	60.25	6.228	65.41	77	26.341	0
"2012-04-12	07:00:00"	13.52	171.3	6.116	18.89	10.79	170.3	8.21	15.91	65.64	60.07	5.567	67.06	78.9	26.332	0
"2012-04-12	08:00:00"	12.07	184.2	13.62	19.49	9.49	185	16.59	15.31	64.4	58.78	5.618	70.99	83.1	26.329	10.106
"2012-04-12	09:00:00"	13.85	193.3	8.59	24.26	10.93	195.1	11.72	18.3	65.05	59.6	5.453	72.32	84.2	26.342	65.192
"2012-04-12	10:00:00"	17.63	200.4	10.26	25.45	14.08	202.3	13.29	22.47	65.6	61.72	3.88	72.76	81.4	26.349	223.97
"2012-04-12	11:00:00"	14.89	211.3	11.78	21.28	12.41	213.9	13.33	19.49	69.24	65.5	3.739	66.42	72.73	26.353	587.39
"2012-04-12	12:00:00"	13.16	227.3	21	23.07	10.97	230.3	23.32	19.49	74.8	71.29	3.505	51.37	54.7	26.35	780.05
"2012-04-12	13:00:00"	13.27	241.2	18.87	22.47	11.14	245	20.53	20.68	79.7	77.45	2.248	32.42	32.57	26.34	868.47
"2012-04-12	14:00:00"	13.11	238.4	18.25	24.26	11.07	241.9	20.91	21.87	83	80.6	2.382	22.81	22.61	26.318	969.64
"2012-04-12	15:00:00"	16.89	234.3	20.43	29.63	14.26	238.3	23.24	27.84	84.1	82.8	1.271	17.76	16.9	26.294	945.94
"2012-04-12	16:00:00"	19.77	224.3	15.84	36.78	16.63	226.2	17.72	29.63	85.1	84.2	0.978	13.5	12.49	26.268	849.86
"2012-04-12	17:00:00"	20.57	222.9	14.23	34.4	17.19	225.6	16.24	30.82	85.3	84.7	0.606	12.07	10.91	26.246	603.65
"2012-04-12	18:00:00"	19.14	221.2	16.41	30.82	15.82	223.9	18.21	27.24	86.1	84.3	1.796	12.02	11.12	26.227	467.56

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-12	19:00:00"	18.22	230.5	15.42	30.82	15.19	232.9	17.59	25.45	86.3	84.3	1.978	10.76	9.84	26.213	207.84	0	
"2012-04-12	20:00:00"	16.89	245.3	14.17	26.65	14.07	250.6	17.04	24.26	85.3	82.8	2.517	10.36	9.56	26.223	90.837	0	
"2012-04-12	21:00:00"	10.94	264.2	9.37	20.68	8.79	269.6	10.68	17.7	80.8	78.97	1.794	12.95	11.8	26.236	5.9192	0	
"2012-04-12	22:00:00"	8.04	268.8	18.52	16.51	5.467	274.6	22.27	14.12	78.06	76.02	2.037	14.79	13.86	26.247	0	0	
"2012-04-12	23:00:00"	5.811	220.6	78.86	14.12	4.47	254.7	93.7	9.95	75.98	71.06	4.915	16.41	16.68	26.276	0	0	
"2012-04-13	00:00:00"	5.565	186.5	20.86	9.95	4.313	189.1	24.87	7.561	73.99	67.59	6.407	30.56	33.55	26.304	0	0	
"2012-04-13	01:00:00"	6.314	210.8	21.53	11.74	5.052	214	24.36	9.35	72.93	66.2	6.732	55.38	64.15	26.312	0	0	
"2012-04-13	02:00:00"	9.28	202.4	11.72	19.49	7.14	205.3	15.41	15.91	72.2	66.39	5.806	64.71	74.64	26.314	0	0	
"2012-04-13	03:00:00"	8.07	185.6	10.93	14.72	6.375	185.1	12.77	13.52	70.63	63.97	6.653	69.64	81.8	26.305	0	0	
"2012-04-13	04:00:00"	8.88	170.8	9.39	14.72	6.706	171.3	12.29	12.93	68.96	63.4	5.558	73.55	84.9	26.287	0	0	
"2012-04-13	05:00:00"	5.267	198.5	17.93	9.95	3.68	202	21.68	6.964	67.61	61.24	6.366	76.58	88	26.29	0.20995	0	
"2012-04-13	06:00:00"	5.07	211.2	12.23	7.561	2.948	213.8	17.89	5.771	66.3	59.83	6.464	79.41	89.3	26.298	1.3242	0	
"2012-04-13	07:00:00"	3.839	243	25.95	6.368	2.434	251.4	29.32	5.175	63.95	58.94	5.015	80.4	90.3	26.306	1.38	0	
"2012-04-13	08:00:00"	2.398	231.7	21.42	6.368	2.788	237	24.03	5.175	64.36	60.17	4.19	84.5	91.1	26.32	12.807	0	
"2012-04-13	09:00:00"	5.374	210.9	14.62	10.54	4.536	213.6	16.53	9.95	67.21	61.55	5.661	83.1	91.6	26.333	72.203	0	
"2012-04-13	10:00:00"	5.701	217.1	22.76	10.54	4.764	220.4	26.41	9.35	69.28	62.66	6.617	77.52	91.3	26.342	148.15	0	
"2012-04-13	11:00:00"	4.017	193.4	45.71	9.35	3.637	190.7	48.28	8.75	72.71	66.25	6.464	63.91	73.18	26.34	608.28	0	
"2012-04-13	12:00:00"	5.7	249.2	43.8	17.1	5.031	251.6	45.59	14.12	79.21	72.99	6.219	39.4	43.31	26.329	743.43	0	
"2012-04-13	13:00:00"	5.928	268.4	37.13	17.1	5.567	270.1	41.37	15.31	82.3	77.29	5.018	24.77	25.82	26.304	886.81	0	
"2012-04-13	14:00:00"	7.658	227.7	41.05	16.51	6.798	229.3	43.55	16.51	85.5	80.1	5.358	14.92	15.04	26.28	938.98	0	
"2012-04-13	15:00:00"	11.4	214.2	34.05	23.07	9.44	217.4	37.55	20.68	87.5	83.1	4.392	12.38	12.25	26.252	948.76	0	
"2012-04-13	16:00:00"	13.43	203.5	23.06	26.05	11.3	204.5	25.15	23.66	87.8	83.5	4.25	9.94	9.54	26.225	912.53	0	
"2012-04-13	17:00:00"	16.33	213	17.44	28.43	13.29	215.4	20.57	26.05	87.1	84.3	2.792	6.788	5.808	26.197	663.11	0	
"2012-04-13	18:00:00"	15.26	199.4	18.76	29.03	12.52	201.1	21.68	26.65	87.4	84.8	2.606	7.454	6.502	26.178	538.67	0	
"2012-04-13	19:00:00"	15.35	190.2	15.53	26.05	12.39	190.6	18.73	23.66	88	85.9	2.105	8.81	7.901	26.165	294.13	0	
"2012-04-13	20:00:00"	14.04	178.6	10.93	23.07	11.24	178	13.39	20.09	87.2	85.7	1.502	11.04	10.2	26.159	117.77	0	
"2012-04-13	21:00:00"	10.04	160.8	9.77	14.72	8.31	159.8	10.2	12.93	83.1	80.1	2.958	14.12	13.97	26.158	2.5796	0	
"2012-04-13	22:00:00"	16.18	154.4	9.07	27.84	13.61	154.3	9.31	23.66	79.37	75.17	4.202	32.92	35.24	26.167	0	0	
"2012-04-13	23:00:00"	20.29	160	9.72	30.22	16.99	159.3	10.41	27.84	76.56	73.75	2.807	51.71	55.65	26.176	0	0	
"2012-04-14	00:00:00"	18.02	154.9	9.73	27.24	15.24	154.4	10.06	23.66	73.44	70.47	2.974	60.48	65.02	26.172	0	0	
"2012-04-14	01:00:00"	19.17	163.1	9.86	33.8	15.99	162.9	10.83	29.63	72.4	69.12	3.279	64.56	70.57	26.164	0	0	
"2012-04-14	02:00:00"	20.91	167.1	8.47	30.22	17.19	167.1	10.27	25.45	72.37	69.52	2.852	67.31	73.22	26.146	0	0	
"2012-04-14	03:00:00"	17.4	169.9	7.876	26.65	14.17	169.2	10.15	22.47	71.81	68.35	3.466	67.4	74.76	26.132	0	0	
"2012-04-14	04:00:00"	14.44	177.2	9.9	21.87	11.69	176.5	12.22	18.89	71.12	66.58	4.549	68.58	77.89	26.119	0	0	
"2012-04-14	05:00:00"	14.15	181.5	10.94	21.87	11.25	181.5	13.69	18.3	70.71	65.81	4.897	69.19	79.46	26.121	0	0	
"2012-04-14	06:00:00"	10.87	188.5	11.15	17.1	8.55	189.1	13.89	14.12	70.27	64.58	5.685	70.41	81.7	26.13	0	0	
"2012-04-14	07:00:00"	10.69	174.5	6.736	15.31	8.5	173.1	9.01	12.33	69.31	63.06	6.246	70.95	84.2	26.129	0	0	
"2012-04-14	08:00:00"	8.51	175.1	8.41	14.12	6.663	174.3	10.59	10.54	68.28	61.28	6.995	73.15	87.3	26.14	18.466	0	
"2012-04-14	09:00:00"	13.34	171	7.371	21.28	10.8	170.3	9.76	19.49	68.4	62.47	5.932	73.89	88.2	26.148	166.32	0	
"2012-04-14	10:00:00"	17.6	173.8	6.614	23.66	14.31	172.6	9.09	22.47	71.59	67.54	4.048	60.81	68.75	26.142	397.04	0	
"2012-04-14	11:00:00"	15.22	187.3	14.74	23.66	12.37	187.2	17.53	21.28	76.76	73.7	3.056	38.51	41	26.143	607.33	0	
"2012-04-14	12:00:00"	19.52	181.3	10.83	30.82	15.85	179.7	13.53	26.05	79.94	78.29	1.653	33.4	34.16	26.125	778.18	0	
"2012-04-14	13:00:00"	23.91	202.4	15.83	37.98	19.04	204.5	18.5	35	82.7	82.4	0.255	18.74	17.74	26.102	902.75	0	
"2012-04-14	14:00:00"	23.14	207.3	18.11	37.38	18.7	208.6	20.07	35	85.3	85.4	-0.129	9.22	7.834	26.081	978.25	0	
"2012-04-14	15:00:00"	24.76	205.4	15.03	39.17	19.57	208	18.46	33.8	87.2	88	-0.767	6.85	5.294	26.043	955.69	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-14	16:00:00"	28.48	217.8	13.55	42.75	23.42	219.5	14.74	39.17	88.2	88.2	0.052	5.302	3.743	26.01	908.71	0	
"2012-04-14	17:00:00"	28.41	212.4	13.15	46.33	23.04	214.3	14.18	40.36	89	89.1	-0.128	4.867	3.281	25.978	764.52	0	
"2012-04-14	18:00:00"	28.12	219	15.68	43.35	23	221.2	17.3	39.17	89.8	90.3	-0.479	4.532	2.854	25.958	576.22	0	
"2012-04-14	19:00:00"	26.52	222.6	13.14	47.52	22.19	223.6	14.53	40.36	89.7	89.3	0.484	4.524	2.944	25.951	298.39	0	
"2012-04-14	20:00:00"	22.45	211	10.84	37.98	17.37	215	13.42	35.59	89.2	87.3	1.912	4.624	3.255	25.945	120.48	0	
"2012-04-14	21:00:00"	17	239.5	31.91	36.19	12.49	243.9	33.08	30.22	86.8	84	2.793	6.403	5.109	25.963	5.6407	0	
"2012-04-14	22:00:00"	20.38	286.4	8.72	30.82	12.81	290.7	10.95	26.65	78.36	80.3	-1.937	13.07	10.6	26.022	0	0	
"2012-04-14	23:00:00"	20.64	294.7	9.64	39.17	11.9	298.7	11.97	26.65	74.14	76.94	-2.802	15.04	12.16	26.086	0	0	
"2012-04-15	00:00:00"	17.78	288	11.01	32.61	10.88	292.3	12.64	27.84	69.86	72.11	-2.253	18.14	15.33	26.135	0	0	
"2012-04-15	01:00:00"	17.23	299.7	21.68	29.63	11.78	302.9	20.38	23.66	66.12	68.66	-2.535	21.2	17.99	26.154	0	0	
"2012-04-15	02:00:00"	18.17	321	8.5	25.45	13.06	323.4	10.34	22.47	59.74	62.23	-2.491	27.06	23.27	26.169	0	0	
"2012-04-15	03:00:00"	17.81	317.3	6.992	25.45	12.56	319.7	9.13	21.28	56.07	59.35	-3.278	30.49	25.66	26.175	0	0	
"2012-04-15	04:00:00"	13.82	313.2	7.72	21.28	9.06	316	9.6	15.91	54.49	55.98	-1.492	30.33	27.13	26.196	0	0	
"2012-04-15	05:00:00"	15.72	298.4	8.51	21.28	8.8	302.4	10.57	16.51	52.36	55.37	-3.012	30.97	26.82	26.193	0	0	
"2012-04-15	06:00:00"	10.72	292.6	6.091	18.89	5.631	296.4	8.33	12.33	51.84	50.53	1.306	30.7	29.79	26.231	0	0	
"2012-04-15	07:00:00"	8.03	294	9.36	13.52	4.254	299	12.28	8.75	51.1	46.26	4.842	29.82	31.83	26.252	0	0	
"2012-04-15	08:00:00"	5.864	303.8	12.9	9.95	3.346	314.2	16.14	6.964	50.75	44.64	6.102	27.88	30.38	26.27	23.452	0	
"2012-04-15	09:00:00"	10.19	273.1	16.36	25.45	7.347	276.6	18.4	23.66	53.46	50.17	3.29	23.98	24.39	26.287	194.05	0	
"2012-04-15	10:00:00"	19.59	290	8.88	27.24	11.93	294.1	11.06	21.28	53.79	58.94	-5.153	21.66	16.85	26.291	419.43	0	
"2012-04-15	11:00:00"	19.35	268.6	13.82	27.84	14.82	272.6	15	24.86	57.05	61.18	-4.133	18.51	14.57	26.3	630.85	0	
"2012-04-15	12:00:00"	19.79	254.3	11.54	31.42	16.04	259.7	14.19	27.24	60.93	62.96	-2.024	15.48	12.94	26.298	808.73	0	
"2012-04-15	13:00:00"	20.72	255.4	12.73	34.4	17.03	261	15.11	29.63	62.89	64.84	-1.949	13.31	10.97	26.294	932.25	0	
"2012-04-15	14:00:00"	23.3	267.7	13.74	39.17	17.97	273.2	15.21	34.4	63.75	68.24	-4.49	12.36	9.21	26.292	990.34	0	
"2012-04-15	15:00:00"	19.61	267.1	14.9	31.42	15.22	271.3	16.81	28.43	66.3	70.17	-3.876	9.8	7.094	26.288	971.98	0	
"2012-04-15	16:00:00"	20.23	268.9	17.76	32.61	15.6	273.6	19.01	29.63	67.49	72.62	-5.131	9.58	6.451	26.278	909.86	0	
"2012-04-15	17:00:00"	18.72	270.5	19.48	33.21	13.92	274.7	21.04	27.84	69.31	72.23	-2.927	9.96	7.406	26.273	770.72	0	
"2012-04-15	18:00:00"	15.08	265.9	19.25	29.03	11.78	270.3	20.54	25.45	72.25	74.3	-2.052	9.38	7.09	26.272	584.72	0	
"2012-04-15	19:00:00"	13.11	263.1	20.66	24.26	10.66	267.2	21.86	22.47	73.7	73.38	0.319	8.55	6.953	26.284	306.79	0	
"2012-04-15	20:00:00"	9.79	260.3	13.88	17.7	8.01	265.7	16.23	16.51	74.08	72.26	1.822	8.26	6.794	26.297	151.92	0	
"2012-04-15	21:00:00"	6.521	248.7	12.82	11.74	5.498	254.7	15.54	10.54	73.36	69.23	4.124	8.47	7.689	26.319	8.2827	0	
"2012-04-15	22:00:00"	3.854	227.1	17.82	9.95	4.022	228.2	22.23	6.964	70.32	62.63	7.692	8.9	9.41	26.349	0	0	
"2012-04-15	23:00:00"	5.158	254.3	40.77	17.1	4.652	253.4	46.58	9.35	64.98	62.16	2.814	11.21	10.59	26.385	0	0	
"2012-04-16	00:00:00"	5.39	291.4	14.26	12.33	3.612	302.6	15.3	7.561	60.98	60.46	0.523	14.03	12.04	26.402	0	0	
"2012-04-16	01:00:00"	8.88	307.6	7.285	10.54	4.314	318.9	9.5	5.771	59.22	56.94	2.282	15.4	14.17	26.4	0	0	
"2012-04-16	02:00:00"	9.09	322.9	8.21	12.33	4.628	328.1	14.45	7.561	57.54	56.98	0.561	17.58	15.4	26.41	0	0	
"2012-04-16	03:00:00"	9.97	332.5	10.3	12.93	4.981	339.8	18.09	7.561	58.68	55.01	3.67	18.64	18.04	26.418	0	0	
"2012-04-16	04:00:00"	9.19	350.8	15.46	13.52	5.018	359.3	16.79	8.16	57.03	54.49	2.542	21.55	20.12	26.423	0	0	
"2012-04-16	05:00:00"	10.93	4.722	9.97	15.31	7.812	1.787	11.85	12.33	51.84	55.08	-3.24	30.78	26.28	26.434	0	0	
"2012-04-16	06:00:00"	12.03	6.853	6.801	15.91	8.94	3.97	13.39	12.33	48.29	52.58	-4.286	44.14	36.53	26.444	0	0	
"2012-04-16	07:00:00"	11.92	16.41	6.181	15.31	8.94	15.07	12.23	12.93	46.4	50.56	-4.156	49.42	40.5	26.463	0	0	
"2012-04-16	08:00:00"	11.63	21.79	5.53	14.72	8.71	23.31	10.45	12.33	44.89	49	-4.105	53.27	43.45	26.483	24.955	0	
"2012-04-16	09:00:00"	9.43	25.29	8.32	13.52	7.877	26.15	12.03	12.33	50.44	54.58	-4.133	48.99	40.38	26.517	195.66	0	
"2012-04-16	10:00:00"	10.82	61.59	15.55	15.91	9.3	62.88	16.72	13.52	58.22	61.55	-3.328	38.83	32.96	26.538	410.01	0	
"2012-04-16	11:00:00"	11.26	80.7	17.15	16.51	9.62	81.7	18.35	15.31	63.59	66.7	-3.11	33.09	28.61	26.551	618.65	0	
"2012-04-16	12:00:00"	8.37	101.2	23.16	15.91	7.229	104	26.18	14.72	69.72	73.11	-3.391	26.61	22.5	26.551	796.86	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-16	13:00:00"	5.35	189.7	76.76	12.93	5.178	188.5	78.89	11.74	75.6	78.29	-2.689	19.74	16.54	26.542	923.57	0	
"2012-04-16	14:00:00"	6.054	268.7	61.4	14.72	5.234	271.7	63.54	11.74	78.19	82.6	-4.378	16.25	12.67	26.522	977.15	0	
"2012-04-16	15:00:00"	8.52	228.6	50.08	18.89	7.54	234.3	51.26	15.91	79.07	82.5	-3.379	13.59	10.71	26.499	972.7	0	
"2012-04-16	16:00:00"	7.289	213.5	67.1	20.68	6.994	213.6	69.86	20.68	79.99	82.9	-2.87	12.07	9.4	26.482	875.32	0	
"2012-04-16	17:00:00"	6.643	298.9	40.43	15.31	5.153	304.3	43.54	14.72	79.15	84	-4.825	11.14	7.806	26.468	465.13	0	
"2012-04-16	18:00:00"	7.845	249.2	34.39	18.89	6.641	254.2	41.05	14.72	79.33	82.3	-2.933	10.07	7.332	26.46	396.45	0	
"2012-04-16	19:00:00"	8.16	263.3	52.3	15.31	6.425	266.5	53.62	14.12	81.2	83.1	-1.875	8.46	6.362	26.462	333.74	0	
"2012-04-16	20:00:00"	10.52	295	16.62	18.3	6.97	298.7	17.5	14.72	77.14	81.9	-4.74	9.22	6.054	26.472	147.81	0	
"2012-04-16	21:00:00"	5.397	313.1	7.045	10.54	3.722	332.7	18.37	8.16	73.23	74.41	-1.177	9.94	7.937	26.485	8.6522	0	
"2012-04-16	22:00:00"	1.188	10.98	15.21	5.771	3.72	23.48	10.8	5.175	68.69	65.33	3.358	10.72	10.99	26.506	0	0	
"2012-04-16	23:00:00"	2.079	37.81	17.15	14.12	4.445	31.29	18.56	9.95	66.68	61.71	4.972	12.02	13.02	26.529	0	0	
"2012-04-17	00:00:00"	10.31	97.1	14.32	15.91	7.01	93.6	16.65	12.93	62.56	63.24	-0.681	25.09	22.2	26.545	0	0	
"2012-04-17	01:00:00"	11.39	111.1	8.4	17.1	8.54	110.8	10.67	15.31	61.39	62.04	-0.656	36.21	33.39	26.558	0	0	
"2012-04-17	02:00:00"	10.68	87.9	19.7	17.1	8.17	88	20.08	12.33	60.47	61.71	-1.238	38.65	35.45	26.573	0	0	
"2012-04-17	03:00:00"	11.37	102.4	8.9	17.1	8.56	101.1	10.93	14.12	57.45	58.66	-1.213	44.64	40.64	26.581	0	0	
"2012-04-17	04:00:00"	9.54	98.4	12.13	13.52	6.735	96.4	14.16	9.95	56.1	57.71	-1.605	46.34	41.93	26.579	0	0	
"2012-04-17	05:00:00"	9.77	118.4	7.594	12.93	6.973	118	10.07	9.35	55.09	55.69	-0.605	51.88	48.32	26.578	0	0	
"2012-04-17	06:00:00"	10.74	121.5	6.492	14.12	7.639	122.2	9.25	11.14	54.36	54.68	-0.32	55.99	52.79	26.581	0	0	
"2012-04-17	07:00:00"	8.57	125	7.293	15.31	8.14	126	8.88	11.74	53.74	54.05	-0.307	59.63	56.39	26.587	0	0	
"2012-04-17	08:00:00"	8.72	140.2	8.52	14.72	6.982	140.8	8.31	11.74	54.93	54.28	0.647	59.03	57.68	26.602	25.482	0	
"2012-04-17	09:00:00"	9.43	155.6	9.93	15.31	8.05	155	9.92	13.52	58.84	57.54	1.296	52.6	54	26.621	194.81	0	
"2012-04-17	10:00:00"	12.16	172.1	9.81	20.09	10	171	12.09	17.7	64.95	64.47	0.479	39.27	39.9	26.628	411.49	0	
"2012-04-17	11:00:00"	17.09	179.2	8.89	24.86	13.87	177.9	11.83	20.68	68.61	68.99	-0.379	30.52	29.76	26.628	620.97	0	
"2012-04-17	12:00:00"	16.13	176.9	9.89	24.26	13.32	175.6	12.62	22.47	72.2	72.88	-0.679	26.12	24.89	26.629	798.49	0	
"2012-04-17	13:00:00"	14.5	186.6	17.71	22.47	11.95	187	21.35	19.49	76.53	77.79	-1.263	22.29	20.5	26.615	921.49	0	
"2012-04-17	14:00:00"	13.76	184	16.21	23.07	11.35	184.2	19.13	21.28	80.1	81.9	-1.781	15.55	13.65	26.59	983.26	0	
"2012-04-17	15:00:00"	13.37	170.3	21.7	26.05	11.32	170.4	23.76	22.47	81.8	83.4	-1.614	11.99	10.07	26.564	956.47	0	
"2012-04-17	16:00:00"	13.76	181.9	17.63	23.66	11.31	182.8	20.65	20.09	82.8	84.4	-1.611	10.86	9.05	26.536	908.54	0	
"2012-04-17	17:00:00"	14.25	178.4	19.15	26.05	11.71	178	21.6	21.28	83.3	85.1	-1.853	10.98	9.04	26.51	773.17	0	
"2012-04-17	18:00:00"	15.05	172.1	17	26.05	12.55	171	17.7	21.28	83.5	84.6	-1.142	11.27	9.56	26.488	583	0	
"2012-04-17	19:00:00"	15.55	167.8	14.94	30.22	12.92	166.6	16.06	24.86	83.1	83.5	-0.365	11.4	9.88	26.48	304.54	0	
"2012-04-17	20:00:00"	15.98	167.4	9.31	26.05	13.13	166.1	10.88	23.07	81.9	81.2	0.695	11.38	10.31	26.471	153.61	0	
"2012-04-17	21:00:00"	11.62	156.4	9.29	18.89	9.73	155.2	9.59	17.1	79.17	77.94	1.236	12.56	11.62	26.473	8.6366	0	
"2012-04-17	22:00:00"	10.7	144.7	7.407	14.72	8.37	144.3	7.076	12.33	74.59	73.44	1.151	15.36	14.24	26.485	0	0	
"2012-04-17	23:00:00"	12.3	146	7.301	17.7	9.95	145.7	7.292	15.31	71.61	70.48	1.13	18.5	17.42	26.498	0	0	
"2012-04-18	00:00:00"	12.74	151.8	8.77	18.89	10.7	151.5	8.7	16.51	70.01	68.57	1.444	20.78	20.27	26.498	0	0	
"2012-04-18	01:00:00"	10.83	156.3	8.75	17.7	9.07	155.8	9.04	13.52	68.65	67.06	1.589	22.19	22.06	26.502	0	0	
"2012-04-18	02:00:00"	10.24	165.5	8.84	15.91	8.2	165.9	9.79	12.93	67.02	65.46	1.56	23.88	24.13	26.501	0	0	
"2012-04-18	03:00:00"	10.1	165.8	8.42	15.31	8.2	165.8	9.25	13.52	67.36	65.59	1.767	24.54	25.04	26.493	0	0	
"2012-04-18	04:00:00"	10.1	163.4	8.9	15.31	8.25	163	9.74	12.93	66.08	64.43	1.652	26.73	27.31	26.479	0	0	
"2012-04-18	05:00:00"	9.92	165.7	8.37	15.91	7.964	165.5	8.95	13.52	64.49	62.82	1.674	28.94	29.76	26.475	0	0	
"2012-04-18	06:00:00"	10.76	171.8	6.555	14.72	8.27	170.6	8.21	11.74	63.39	61.84	1.545	30.1	31.1	26.472	0	0	
"2012-04-18	07:00:00"	10.86	170.4	7.324	16.51	8.51	170.9	8.92	13.52	62.04	60.7	1.339	32.75	33.67	26.473	0	0	
"2012-04-18	08:00:00"	13.64	170	7.433	20.09	10.95	170	9.2	16.51	62.57	60.79	1.779	37.49	39.3	26.482	27.318	0	
"2012-04-18	09:00:00"	17.53	173.7	6.982	27.84	14.07	172.9	9.34	22.47	64.48	63.21	1.274	40.82	42.69	26.488	198.27	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2012-04-18	10:00:00"	19.39	178.1	8.57	26.65	15.68	177.5	11.07	23.07	67.76	67.24	0.523	38.73	39.19	26.49	410.94	0
"2012-04-18	11:00:00"	17.42	183.3	10.51	24.86	14.17	182.9	13.68	21.87	72.67	72.96	-0.288	31.82	31.05	26.485	620.22	0
"2012-04-18	12:00:00"	14.61	183.4	12.78	22.47	11.98	182.7	15.86	18.3	77.83	78.74	-0.913	26.32	24.81	26.478	797.57	0
"2012-04-18	13:00:00"	13.85	182.8	14.46	21.87	11.48	182.9	18.6	18.3	82.5	83.8	-1.216	21.84	20.09	26.465	917.89	0
"2012-04-18	14:00:00"	14.13	193	19.87	26.65	11.62	194.4	23.91	21.87	86.2	87.9	-1.691	18.23	16.24	26.444	974.34	0
"2012-04-18	15:00:00"	13.45	205.7	18.22	26.05	11.08	208.8	21.54	25.45	88.8	90.9	-2.11	15.26	13.03	26.42	946.35	0
"2012-04-18	16:00:00"	13.28	185.5	19.29	22.47	11.01	186.4	22.44	19.49	91	92.7	-1.665	14.11	12.13	26.387	890.93	0
"2012-04-18	17:00:00"	15.66	200.5	18.08	29.63	12.65	202.7	21.75	24.86	91.6	93.2	-1.644	12.58	10.64	26.348	756.19	0
"2012-04-18	18:00:00"	14.96	198.6	18.56	29.03	12.19	199.7	22.32	23.66	92.9	93.9	-1.079	10.99	9.21	26.321	557.39	0
"2012-04-18	19:00:00"	13.69	201	15.31	26.65	11.03	202.7	18.93	21.28	93.6	94.3	-0.725	9.54	7.852	26.301	304.38	0
"2012-04-18	20:00:00"	18.54	179.9	18.21	28.43	15.15	179.5	20.07	26.05	90.9	90.6	0.273	12.65	11.46	26.287	138.4	0
"2012-04-18	21:00:00"	15.78	167.2	7.947	24.86	12.77	166.6	9.36	20.09	85.8	84.5	1.313	16.83	16.29	26.288	8.2708	0
"2012-04-18	22:00:00"	15.76	168.9	6.765	21.28	12.86	168	8.49	18.3	82.4	80.7	1.662	19.88	19.83	26.3	0	0
"2012-04-18	23:00:00"	16.47	170	6.945	23.66	13.37	169.4	8.91	20.09	79.22	77.52	1.702	24.24	24.59	26.314	0	0
"2012-04-19	00:00:00"	17.46	174.7	6.611	24.86	14.01	173.5	8.93	20.68	76.78	75.26	1.513	28.59	29.22	26.32	0	0
"2012-04-19	01:00:00"	15.54	176.6	6.49	23.66	12.47	175.7	9.2	18.89	74.66	73.32	1.342	31.53	32.24	26.321	0	0
"2012-04-19	02:00:00"	15.14	176.9	6.726	20.68	12.11	176	9.47	17.7	72.85	71.59	1.257	32.6	33.38	26.316	0	0
"2012-04-19	03:00:00"	12.56	184.3	8.99	20.68	10.09	184.2	11.69	17.1	71.46	70.44	1.02	33.91	34.47	26.304	0	0
"2012-04-19	04:00:00"	9.85	196.4	10.75	15.91	7.61	198.5	14.42	12.33	69.59	68.73	0.859	36.01	36.29	26.298	0	0
"2012-04-19	05:00:00"	8.38	198.1	9.53	14.12	6.096	200.7	13.17	11.74	67.81	66.9	0.909	37.75	38.05	26.288	0	0
"2012-04-19	06:00:00"	6.614	212.8	17.79	10.54	4.833	216.7	22.17	8.16	65.46	64.35	1.107	40.88	40.96	26.283	0	0
"2012-04-19	07:00:00"	6.713	232.2	13.65	11.74	5.488	237.1	16.99	9.35	66.15	63.8	2.352	40.46	41.88	26.292	0	0
"2012-04-19	08:00:00"	6.105	240.6	18.01	8.75	4.765	247.5	21.42	7.561	65.47	63.37	2.098	41.57	42.76	26.306	28.393	0
"2012-04-19	09:00:00"	6.942	238.3	13.24	9.35	6.115	244	16.03	9.95	68.02	66.41	1.609	39.36	39.4	26.323	200.52	0
"2012-04-19	10:00:00"	7.713	225.2	13.92	11.14	6.982	228.3	15.54	11.14	71.73	71.44	0.293	34.01	33.02	26.331	417.75	0
"2012-04-19	11:00:00"	8.26	259.6	23.77	14.72	6.825	263.3	25.48	11.74	79.93	81	-1.027	23.66	21.64	26.335	629.55	0
"2012-04-19	12:00:00"	8.97	286.9	27.51	20.09	6.858	288.8	29.75	18.3	86.9	91.8	-4.881	10.9	7.973	26.327	808.3	0
"2012-04-19	13:00:00"	13.99	288.9	17.99	24.86	9.73	291.7	19.23	21.28	88.5	95.4	-6.882	6.76	3.883	26.307	934.52	0
"2012-04-19	14:00:00"	15.68	280.8	15.05	24.86	11.24	284	16.72	23.07	88	94.2	-6.177	7.056	4.169	26.29	720.46	0
"2012-04-19	15:00:00"	15.17	278.4	17.91	24.26	10.97	282.9	19.53	18.89	87.2	92.7	-5.461	7.486	4.632	26.277	518.5	0
"2012-04-19	16:00:00"	14.72	259.8	20.66	29.03	11.51	262.7	22.72	26.05	90.6	93.7	-3.081	5.899	3.683	26.245	827.24	0
"2012-04-19	17:00:00"	19.19	254.6	15.32	31.42	15.59	259.9	18.23	26.05	90.8	93.5	-2.737	5.555	3.325	26.215	427.02	0
"2012-04-19	18:00:00"	19.26	258.7	12.26	32.01	15.39	264	14.23	26.05	88.9	90.8	-1.834	5.866	3.815	26.207	350.64	0
"2012-04-19	19:00:00"	15.09	256.2	9.5	24.26	12.15	263	12.32	21.87	88.8	89.7	-0.927	5.862	3.892	26.2	127.11	0
"2012-04-19	20:00:00"	11.15	261.1	12.94	17.1	8.86	265.6	15.05	14.72	89.9	90.5	-0.633	5.404	3.538	26.199	175.99	0
"2012-04-19	21:00:00"	12.13	32.18	28.65	23.07	9.33	34.18	30.26	21.28	82.7	85.1	-2.474	13.31	10.18	26.214	11.609	0
"2012-04-19	22:00:00"	10.09	58.92	10.05	14.12	6.533	60.88	10.34	9.95	75.29	76.57	-1.277	19	16.02	26.233	0	0
"2012-04-19	23:00:00"	10.98	37.33	10.14	15.91	8.19	37.15	13.37	12.33	70.73	73.06	-2.327	27.39	22.88	26.254	0	0
"2012-04-20	00:00:00"	10.32	33.78	12.96	14.72	7.66	34.53	15.7	12.33	66.98	70.03	-3.049	37.77	31.82	26.278	0	0
"2012-04-20	01:00:00"	15.1	40.92	9.6	26.05	12.16	43.25	11.53	21.87	66.56	68.95	-2.385	42.66	37.04	26.289	0	0
"2012-04-20	02:00:00"	15.09	46.03	8.88	24.86	12.34	48.23	9.92	21.87	65.62	67.74	-2.119	40.81	36.19	26.307	0	0
"2012-04-20	03:00:00"	14.23	45.39	10.88	20.09	11.71	47.73	12.18	17.7	66.02	68.29	-2.269	40.1	35.34	26.324	0	0
"2012-04-20	04:00:00"	15.57	51.68	12.12	23.07	12.64	53.42	12.87	20.09	65.35	67.71	-2.355	46	40.03	26.327	0	0
"2012-04-20	05:00:00"	10.5	62.8	21.6	18.3	8.59	64.54	23.21	15.31	65.8	67.51	-1.71	45.8	41.2	26.334	0	0
"2012-04-20	06:00:00"	10	9.15	21.29	20.09	7.675	5.698	24.04	17.1	64.67	66.56	-1.886	47.67	42.7	26.359	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-20	07:00:00"	13.52	0.936	13.11	19.49	10.43	357.3	12.81	16.51	58.05	60.78	-2.727	57.23	51.45	26.388	0	0
"2012-04-20	08:00:00"	15.54	9.74	8.57	24.86	11.92	6.471	14.89	20.68	55.23	59.04	-3.807	63.49	55.32	26.407	27.889	0
"2012-04-20	09:00:00"	22.38	14.57	7.495	32.01	17.64	12.57	14.12	28.43	56.58	60.81	-4.225	60.27	50.99	26.433	195.82	0
"2012-04-20	10:00:00"	23.36	23.84	7.367	31.42	19	24.43	11.84	28.43	60.03	64.3	-4.267	53.48	44.4	26.459	407.58	0
"2012-04-20	11:00:00"	21.14	27.91	10.13	31.42	17.41	29.64	13.43	26.05	64.16	68.85	-4.69	41.87	34.54	26.486	615.85	0
"2012-04-20	12:00:00"	19.41	30.83	11.4	29.63	16.13	32.14	15.67	26.05	66.94	72.43	-5.498	38.65	31.26	26.506	789.01	0
"2012-04-20	13:00:00"	16.15	37.45	16.42	25.45	13.38	39.9	20.47	22.47	70.16	76.01	-5.848	35.5	28.34	26.512	907.3	0
"2012-04-20	14:00:00"	14.44	33.99	23.81	23.07	11.98	34.15	28.01	21.28	73.47	79.51	-6.041	29	22.8	26.504	971.24	0
"2012-04-20	15:00:00"	13.09	29	29.79	29.63	11	29.66	32.78	26.65	76.16	82.2	-6.028	25.27	19.55	26.496	965.28	0
"2012-04-20	16:00:00"	11.96	42.29	29.03	30.82	10.2	43.55	32.36	25.45	77.72	83.2	-5.495	22.49	17.38	26.487	887.1	0
"2012-04-20	17:00:00"	11.96	15.42	26.38	24.86	10.12	14.33	27.02	21.87	77.99	83.9	-5.875	20.82	15.8	26.465	744.78	0
"2012-04-20	18:00:00"	11.99	20.22	27.62	23.07	10.04	19.85	30.13	19.49	79.24	84.3	-5.019	20.39	15.87	26.451	478.26	0
"2012-04-20	19:00:00"	10.78	5.79	24.36	19.49	8.98	4.041	27.07	17.1	78.32	83	-4.646	20.81	16.43	26.451	340.52	0
"2012-04-20	20:00:00"	11.7	11.68	12.87	18.89	9.45	9.76	17.23	17.7	76.77	81.2	-4.426	21.05	16.84	26.456	153.73	0
"2012-04-20	21:00:00"	7.313	23.03	10.08	10.54	5.279	19.82	12.84	8.16	73.96	77.32	-3.354	22.63	18.45	26.467	10.206	0
"2012-04-20	22:00:00"	7.203	49.68	10.26	9.95	4.615	51.92	16.42	6.368	70.68	72.7	-2.021	24.94	21.21	26.486	0	0
"2012-04-20	23:00:00"	8.85	75.82	10.27	12.93	5.104	72.25	14.53	8.75	68.95	68.77	0.181	26.74	24.38	26.494	0	0
"2012-04-21	00:00:00"	7.015	77.16	11.7	12.33	4.445	64.76	20.1	8.75	65.99	65.68	0.313	29.55	27.5	26.501	0	0
"2012-04-21	01:00:00"	8.29	90.2	4.199	10.54	4.827	75.32	7.369	6.368	63.62	65.13	-1.519	31.85	28.51	26.506	0	0
"2012-04-21	02:00:00"	9.21	87.6	5.269	11.14	5.403	77.49	10.03	8.16	62.28	63.28	-1.002	33.17	30.17	26.5	0	0
"2012-04-21	03:00:00"	9.13	89.5	6.598	11.74	5.768	84.7	9.15	8.16	59.79	61.23	-1.435	35.82	32.7	26.496	0	0
"2012-04-21	04:00:00"	9.3	102.8	7.54	12.33	6.857	101.4	8.69	9.95	58.62	60.36	-1.738	40.38	36.62	26.492	0	0
"2012-04-21	05:00:00"	9	120.9	8.23	12.33	6.472	120.9	10.53	9.95	57.1	57.6	-0.508	46.32	43.05	26.489	0	0
"2012-04-21	06:00:00"	7.868	131	7.76	10.54	5.762	129.3	8.93	8.16	56.52	56.1	0.414	49.43	47.36	26.488	0	0
"2012-04-21	07:00:00"	7.737	126.3	7.801	10.54	5.334	124.2	9.78	8.75	55.44	54.94	0.502	52.76	51.22	26.485	0.01505	0
"2012-04-21	08:00:00"	9.1	136.2	8.81	12.33	7.074	135.2	10.02	10.54	55.34	54.88	0.468	56.22	54.32	26.488	33.023	0
"2012-04-21	09:00:00"	11.58	154.1	10.34	20.09	9.84	154.1	10.69	18.3	59.86	58.86	1.003	48.81	49.28	26.505	206.99	0
"2012-04-21	10:00:00"	15.58	170.7	8.54	21.87	12.79	170.1	10.47	18.3	64.81	64.43	0.373	38.53	38.7	26.509	418.14	0
"2012-04-21	11:00:00"	14.11	173.2	10.23	20.09	11.83	172.7	12.49	17.7	70.19	70.38	-0.185	32.37	31.6	26.501	623.97	0
"2012-04-21	12:00:00"	14.39	179.2	11.93	21.28	11.87	178.4	14.59	18.3	75.27	76.21	-0.941	26.79	25.29	26.497	798.41	0
"2012-04-21	13:00:00"	12.77	188	16.79	20.68	10.59	188.9	20.5	18.89	79.71	81.1	-1.391	22.36	20.38	26.485	919.15	0
"2012-04-21	14:00:00"	10.37	209.5	24.16	20.09	8.67	211.8	28.69	16.51	83.6	85.8	-2.221	19.69	17.15	26.469	975.81	0
"2012-04-21	15:00:00"	9.12	218.7	32.69	18.89	7.71	222.2	36.04	18.3	86.9	89.6	-2.667	17.87	15.03	26.449	947.7	0
"2012-04-21	16:00:00"	7.531	200.7	44.98	19.49	6.614	201.9	49.71	17.1	89.7	92.1	-2.415	16.38	13.65	26.429	898.35	0
"2012-04-21	17:00:00"	7.757	211.2	41.56	16.51	6.681	215.3	45.53	14.12	91	93.2	-2.147	15.34	12.84	26.4	765.22	0
"2012-04-21	18:00:00"	7.981	211.1	33.2	18.3	6.88	211.4	38.94	15.91	92.3	94.2	-1.898	14.15	11.76	26.384	513.39	0
"2012-04-21	19:00:00"	7.444	177.5	33.6	15.31	6.284	179.9	34.22	13.52	93	94	-1.07	13.66	11.61	26.378	367.37	0
"2012-04-21	20:00:00"	8.79	156	14.12	15.91	7.513	155.2	15.25	14.12	91.6	91.4	0.137	13.97	12.45	26.383	159.79	0
"2012-04-21	21:00:00"	7.109	145.4	10.75	11.74	5.46	142.3	13.02	10.54	87.5	86.1	1.416	15.82	14.76	26.393	11.186	0
"2012-04-21	22:00:00"	8.23	133.2	16.62	11.74	5.556	126.5	24.41	8.75	81.4	79.94	1.503	19.35	18.47	26.413	0	0
"2012-04-21	23:00:00"	8.94	117.7	10.43	11.74	5.126	108.8	18.02	8.16	76.75	75.97	0.78	21.58	20.46	26.442	0	0
"2012-04-22	00:00:00"	10.57	143.8	8.35	16.51	8.12	143.5	8.58	12.93	77.1	75.58	1.524	21.49	20.75	26.454	0	0
"2012-04-22	01:00:00"	9.5	157.1	9.98	14.12	7.673	156.4	9.98	12.93	74.86	73.57	1.285	22.56	22.16	26.462	0	0
"2012-04-22	02:00:00"	8.4	157.2	10.16	14.12	6.567	156.1	10.95	12.33	72.79	71.14	1.654	24.4	24.39	26.469	0	0
"2012-04-22	03:00:00"	7.501	158.6	14.95	11.74	5.307	152.5	19.63	9.35	72.03	69.27	2.761	25.68	26.43	26.471	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-22	04:00:00"	6.696	139.6	43.18	11.74	4.899	126.2	54.86	9.95	70.29	68.54	1.748	26.81	26.9	26.468	0
"2012-04-22	05:00:00"	4.618	88.6	19.81	9.95	3.227	55.29	21.31	6.964	66.46	63.96	2.498	30.88	30.64	26.472	0
"2012-04-22	06:00:00"	4.971	73.37	13.69	7.561	3.697	36.92	21.93	5.175	65.33	61.15	4.175	32.61	33.25	26.472	0
"2012-04-22	07:00:00"	4.457	81.1	10.19	6.368	3.339	25.89	18.62	4.578	65.1	57.77	7.332	33.3	36.56	26.478	0.02502
"2012-04-22	08:00:00"	3.605	98.8	22.7	5.771	2.702	42.61	15.24	4.578	65.03	59.92	5.103	33.53	36.66	26.495	36.075
"2012-04-22	09:00:00"	4.984	62.64	13.48	6.964	4.234	63.75	14.11	6.368	66.91	67.08	-0.17	33.24	31.71	26.518	209.42
"2012-04-22	10:00:00"	8.36	143.7	21.86	14.72	7.127	144.3	20.46	12.93	75.19	75.85	-0.664	26.89	24.87	26.524	420.3
"2012-04-22	11:00:00"	10.19	158.2	13.44	15.31	8.75	158.1	14.49	13.52	80	80.6	-0.52	23.1	21.52	26.529	626.49
"2012-04-22	12:00:00"	11.13	138.5	15.71	22.47	9.48	140	16.8	20.09	84.3	85.9	-1.561	20.6	18.16	26.533	800.45
"2012-04-22	13:00:00"	14.94	139.7	15.86	26.65	12.58	140.6	16.27	23.66	87.2	89.4	-2.275	16.77	14.03	26.527	922.08
"2012-04-22	14:00:00"	14.21	130	18.9	27.24	11.94	131	19.63	25.45	88.9	91.6	-2.719	15.13	12.35	26.517	973.79
"2012-04-22	15:00:00"	12.65	146.6	23.71	23.66	10.74	145.8	25.22	19.49	91	93.3	-2.258	13.62	11.13	26.504	947.4
"2012-04-22	16:00:00"	11.35	143.2	31.49	22.47	9.72	143.5	33.62	18.89	92.5	94.8	-2.297	12.43	10.01	26.481	894.83
"2012-04-22	17:00:00"	10.25	148.4	30.6	21.28	8.71	150.3	31.78	17.7	93.9	96.1	-2.255	12.3	9.86	26.463	680.59
"2012-04-22	18:00:00"	9.84	137.2	36.53	20.68	8.46	135.8	37.58	18.3	92.8	94.7	-1.954	12.77	10.32	26.451	450.99
"2012-04-22	19:00:00"	10.69	141.1	24.23	23.07	8.93	140	22.65	20.68	92.4	93.5	-1.114	12.73	10.54	26.446	183.11
"2012-04-22	20:00:00"	9.77	129.6	9.97	14.72	7.846	130.4	10.59	11.74	89.9	90.6	-0.679	13.81	11.63	26.452	73.704
"2012-04-22	21:00:00"	9.06	112.4	12.36	11.74	6.487	112.2	14.09	9.95	86.8	87.7	-0.948	15.59	13.41	26.46	5.1023
"2012-04-22	22:00:00"	14.28	94.5	8.41	26.05	11.03	95.3	9.72	20.68	81.6	83.5	-1.899	20.06	17.31	26.491	0
"2012-04-22	23:00:00"	17.33	93.9	7.634	26.05	13.86	95	8.65	21.87	77.81	79.35	-1.547	25.23	22.37	26.53	0
"2012-04-23	00:00:00"	16.82	90.4	6.821	27.84	13.39	91.4	7.725	23.07	74.89	76.95	-2.066	27.21	23.95	26.553	0
"2012-04-23	01:00:00"	20.34	92	7.589	32.01	16.22	93	8.42	26.05	70.48	72.5	-2.019	34.54	30.82	26.563	0
"2012-04-23	02:00:00"	17.12	85.9	8.83	24.86	13.65	86.1	10.11	21.87	66.36	68.68	-2.319	39.48	35.28	26.575	0
"2012-04-23	03:00:00"	16.61	84.8	7.253	23.66	13.1	85.2	8.48	19.49	63.8	66.33	-2.533	42.44	37.56	26.58	0
"2012-04-23	04:00:00"	15.37	85.8	6.746	22.47	12.17	86.5	8.18	17.7	62.12	64.58	-2.463	43.18	38.14	26.571	0
"2012-04-23	05:00:00"	14.83	84.4	7.636	21.87	11.73	84.5	9.07	18.3	60.29	62.51	-2.213	44.66	39.4	26.563	0
"2012-04-23	06:00:00"	10.11	72.01	9.03	17.1	7.961	73.75	10.42	14.12	59.58	61.34	-1.758	46.16	41.46	26.587	0
"2012-04-23	07:00:00"	11.89	69.67	17.45	20.68	9.57	70.05	17.04	18.3	57.43	59.65	-2.228	49.02	43.55	26.609	0.01208
"2012-04-23	08:00:00"	14.89	61.61	9.07	20.68	11.67	63.33	10.22	17.1	54.99	57.29	-2.306	50.47	44.34	26.633	26.637
"2012-04-23	09:00:00"	17.98	82.8	9.78	27.24	14.49	83.2	10.79	23.07	57.94	60.65	-2.704	41.83	36.87	26.629	198.53
"2012-04-23	10:00:00"	20.86	94.8	7.966	30.22	17.06	95.9	9.4	26.05	61.38	64.22	-2.841	30.47	26.39	26.627	399.72
"2012-04-23	11:00:00"	18.57	100.6	11.74	27.84	15.22	101.7	13.59	24.26	65.52	68.77	-3.249	25.5	21.46	26.625	559.1
"2012-04-23	12:00:00"	16.76	128	16.72	30.82	13.58	130	18.04	24.86	66.86	68.84	-1.98	25.96	22.57	26.611	347.35
"2012-04-23	13:00:00"	11.33	134.4	18.51	18.3	9.51	135.1	20	15.91	71.44	73.35	-1.909	24.79	21.79	26.614	752.31
"2012-04-23	14:00:00"	10.41	143.2	20.04	20.68	8.9	144.8	20.92	17.1	76.05	78.48	-2.425	22.75	19.61	26.581	946.12
"2012-04-23	15:00:00"	12.42	139.2	18.92	21.28	10.55	139.3	21.13	18.3	78.1	80.7	-2.579	22.34	19.08	26.546	929.78
"2012-04-23	16:00:00"	11.61	147.7	19.92	20.09	9.88	149.3	19.9	19.49	80.7	83.1	-2.358	21.91	18.88	26.518	879.69
"2012-04-23	17:00:00"	11.52	152.5	22	20.09	9.81	153	21.7	17.7	82.7	84.7	-1.995	21.01	18.25	26.489	748
"2012-04-23	18:00:00"	12.43	142.1	19.14	24.26	10.54	142.8	20.07	20.09	83.3	85.3	-2.04	21.25	18.33	26.463	497.76
"2012-04-23	19:00:00"	11.2	151.3	20.63	18.3	9.49	151	21.19	15.91	84.6	85.8	-1.154	21.29	19	26.445	362.57
"2012-04-23	20:00:00"	11.26	158.7	13.37	19.49	9.41	158.9	14.05	16.51	84.7	84.7	0.012	21.28	19.86	26.433	157.91
"2012-04-23	21:00:00"	7.877	161	10.52	13.52	6.469	161.1	10.81	9.95	82.7	81.7	0.988	22.62	21.92	26.434	12.122
"2012-04-23	22:00:00"	8.7	150.5	8.4	12.93	7.037	149.8	7.819	11.14	78.61	76.98	1.626	25.85	25.7	26.444	0
"2012-04-23	23:00:00"	9.78	145.3	8.31	14.72	7.912	145.2	8.25	11.74	75.42	74.6	0.82	29.06	28.1	26.455	0
"2012-04-24	00:00:00"	8.11	147.2	15.18	15.31	6.425	144	18.74	12.93	74.55	73.29	1.257	30.41	30.1	26.465	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-24	01:00:00"	6.823	136.5	6.993	9.95	4.186	130	9.17	6.368	73.19	70.45	2.742	32.42	32.64	26.468	0
"2012-04-24	02:00:00"	8.33	143.4	12.1	12.33	5.994	141.2	14.49	9.95	71.53	69.69	1.845	33.37	33.58	26.451	0
"2012-04-24	03:00:00"	7.826	152.6	11.42	12.33	6.072	151	12.77	9.95	70.73	68.97	1.768	33.6	34.31	26.432	0
"2012-04-24	04:00:00"	5.922	123.2	26.04	9.95	3.604	112.3	33.64	6.368	68.69	66.24	2.455	35.82	36.18	26.425	0
"2012-04-24	05:00:00"	8.12	62.97	27.9	10.54	5.549	56.84	29.28	8.16	63.28	64.74	-1.46	41.77	37.95	26.425	0
"2012-04-24	06:00:00"	7.153	64.59	37.55	14.12	5.068	62.07	42.29	10.54	61.6	63.21	-1.608	45.18	39.85	26.423	0
"2012-04-24	07:00:00"	8.49	89	38.18	22.47	6.548	88.4	41.03	19.49	63.8	65.55	-1.756	41.23	37.26	26.416	0.04313
"2012-04-24	08:00:00"	8.47	123	38.64	12.33	6.786	124.6	40.79	11.14	65.89	65.88	0.009	37.73	36.23	26.412	17.821
"2012-04-24	09:00:00"	5.868	106.6	33.38	9.35	4.556	106.3	36.45	7.561	66.48	66.96	-0.476	38.78	36.6	26.429	85.922
"2012-04-24	10:00:00"	7.327	149.2	19.5	12.33	6.337	150.7	18.46	11.14	71.86	71.99	-0.13	34.49	32.9	26.429	385.39
"2012-04-24	11:00:00"	5.825	172.8	28.18	11.74	5.134	173.2	25.86	9.95	77.1	77.96	-0.859	29.87	27.88	26.431	623.52
"2012-04-24	12:00:00"	3.678	177.8	49.14	8.16	3.795	176.9	51.1	8.16	82.4	84.7	-2.255	26.57	23.29	26.427	797.84
"2012-04-24	13:00:00"	6.137	190.5	25.04	14.12	5.592	191.4	30.95	13.52	89.2	91.5	-2.372	21.92	18.92	26.411	916.73
"2012-04-24	14:00:00"	8.04	198.7	28.67	18.89	6.893	200.6	34.66	15.91	93.7	95.8	-2.042	18.53	15.94	26.384	970.78
"2012-04-24	15:00:00"	7.544	214.6	36.2	21.87	6.551	218.1	42.3	18.3	97.1	99.6	-2.521	15.3	12.61	26.358	942.13
"2012-04-24	16:00:00"	7.907	209.5	50.43	20.09	6.811	210.3	55.93	15.31	99.1	101.4	-2.31	13.31	10.83	26.33	891.43
"2012-04-24	17:00:00"	8.24	215.2	38.06	20.09	7.024	215.2	47.09	16.51	101.1	103.4	-2.264	12.05	9.56	26.301	783.31
"2012-04-24	18:00:00"	10.34	185.4	41.94	20.68	8.55	184.4	44.53	17.7	99.4	101.3	-1.939	11.82	9.56	26.28	420.03
"2012-04-24	19:00:00"	9.91	242.2	24.73	18.89	8.15	247.4	28.33	16.51	99.3	99.6	-0.258	10.65	8.68	26.27	249.67
"2012-04-24	20:00:00"	11.02	267.1	12.19	19.49	8.37	271	14.04	15.91	96.6	97.9	-1.273	10.52	8.25	26.261	86.616
"2012-04-24	21:00:00"	8.18	265	12.21	12.33	5.688	270.2	13.92	9.95	92.9	93.8	-0.86	11.86	9.57	26.263	6.7501
"2012-04-24	22:00:00"	4.864	207.3	17.29	8.16	3.202	200.6	24.78	6.368	89.5	86.5	2.98	12.99	12.24	26.276	0
"2012-04-24	23:00:00"	9.34	171.1	9.32	17.1	7.188	168.9	10.39	13.52	86.7	83.7	2.938	16.7	16.5	26.286	0
"2012-04-25	00:00:00"	7.58	166.9	9.4	14.72	7.976	166.4	11.06	12.33	83.8	82.5	1.268	22.41	22.07	26.293	0
"2012-04-25	01:00:00"	10.9	178.4	10.14	17.7	9.08	177.9	13.13	15.31	80.4	79.31	1.08	26.22	26.12	26.302	0
"2012-04-25	02:00:00"	9.78	184.3	9.33	14.72	7.623	183.7	11.71	12.33	78.89	77.99	0.898	30.62	30.45	26.312	0
"2012-04-25	03:00:00"	8.88	184.2	8.21	15.31	6.61	184.4	10.84	11.14	77.2	76.24	0.955	35.42	35.63	26.308	0
"2012-04-25	04:00:00"	7.418	203.2	13.29	10.54	5.084	205.4	16.21	9.35	74.25	72.81	1.437	39.65	40.26	26.302	0
"2012-04-25	05:00:00"	6.811	220.8	11.21	9.95	5.244	226.3	11.25	8.16	73.52	71.5	2.018	38.93	39.83	26.3	0
"2012-04-25	06:00:00"	7.531	213.2	9.59	9.95	5.518	218.8	10.7	8.75	71.77	70.15	1.624	40.77	41.4	26.301	0
"2012-04-25	07:00:00"	7.117	218.8	10.14	10.54	5.319	221	10.27	8.16	69.7	67.95	1.754	43.01	43.84	26.306	0.05261
"2012-04-25	08:00:00"	6.335	234.9	11.19	9.95	5.042	240.1	14.8	8.16	69.82	67.38	2.445	44.48	46.02	26.312	40.612
"2012-04-25	09:00:00"	7.953	233.7	15.6	12.93	6.721	236.8	19.38	11.14	73.1	71.48	1.624	40.19	40.73	26.323	221.41
"2012-04-25	10:00:00"	8.27	235	15.59	12.33	7.183	238.5	18.16	11.74	79.99	78.95	1.033	29.7	29.18	26.328	430.23
"2012-04-25	11:00:00"	10.17	281.7	23.35	16.51	7.488	283.8	25.25	12.93	88.8	91.6	-2.755	14.96	12.74	26.326	644.55
"2012-04-25	12:00:00"	10.97	299.3	17.53	18.89	7.749	302.5	19.29	16.51	94.2	100.4	-6.13	9.55	6.408	26.321	825.1
"2012-04-25	13:00:00"	12.09	307.3	20.46	24.26	8.71	310.9	21.08	17.1	98.6	105	-6.462	7.089	4.179	26.314	943.48
"2012-04-25	14:00:00"	13.33	288.9	24.34	26.65	9.8	291.4	25.92	21.28	100.2	106.4	-6.199	6.68	3.804	26.299	991.57
"2012-04-25	15:00:00"	13.27	276.6	23.26	24.86	9.92	280.9	25.5	21.87	101	106.3	-5.266	6.197	3.572	26.288	960.53
"2012-04-25	16:00:00"	13.21	274.8	21.95	24.86	9.78	279.3	23	20.68	101.9	107.5	-5.59	5.792	3.132	26.273	923.93
"2012-04-25	17:00:00"	11.03	249.6	33.63	21.87	8.94	252.6	35.88	20.09	103.2	106.5	-3.365	5.885	3.493	26.247	664.84
"2012-04-25	18:00:00"	10.22	256.2	30.92	20.68	8.16	260.2	33.6	17.1	103.3	105.9	-2.552	5.693	3.428	26.233	517.77
"2012-04-25	19:00:00"	9.94	264.5	19.69	16.51	7.809	269.4	20.28	14.12	102.9	105	-2.079	5.993	3.747	26.23	241.95
"2012-04-25	20:00:00"	11.77	274	8.05	17.7	8.6	279	10.52	14.12	99.2	101.9	-2.766	5.067	2.843	26.234	111.65
"2012-04-25	21:00:00"	6.063	277.4	23.16	9.35	2.899	286.6	30.77	5.175	94.2	94.2	-0.027	6.651	4.645	26.247	7.0362

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-25	22:00:00"	4.375	249.7	14.57	6.964	2.636	246.1	35.8	4.578	93.3	88.7	4.519	7.476	6.458	26.264	0
"2012-04-25	23:00:00"	7.522	277.7	23.16	11.14	3.855	285.1	39.7	8.16	89.8	88.1	1.622	8.13	6.908	26.282	0
"2012-04-26	00:00:00"	9.23	289.8	12.11	13.52	4.388	297.5	12.53	7.561	86.7	87.6	-0.864	8.55	6.784	26.293	0
"2012-04-26	01:00:00"	9.22	339.4	9.75	11.74	5.452	339.7	10.54	9.35	85.6	82.8	2.729	10.82	9.3	26.294	0
"2012-04-26	02:00:00"	11.04	327.4	19.15	16.51	6.818	328.4	19.26	11.74	82.2	81.8	0.421	12.94	11.16	26.292	0
"2012-04-26	03:00:00"	11.55	329.9	9.17	15.31	7.827	330.3	10.27	11.74	79.32	80.5	-1.167	14.55	11.88	26.284	0
"2012-04-26	04:00:00"	11.77	328.8	8.96	15.91	7.794	329.7	11.09	11.74	79.68	80	-0.36	14.52	12.31	26.277	0
"2012-04-26	05:00:00"	11.05	313.1	5.869	14.72	5.97	315	8.62	9.35	73.45	76.23	-2.781	17.44	13.8	26.287	0
"2012-04-26	06:00:00"	12	312.9	5.568	15.91	6.988	315.6	8.51	11.14	71.17	74.28	-3.114	18.63	14.81	26.303	0
"2012-04-26	07:00:00"	11.42	311.7	5.993	16.51	6.644	313.9	8.93	11.14	70.71	73.79	-3.083	18.92	15.06	26.32	0.06363
"2012-04-26	08:00:00"	8.25	306.2	9.35	11.74	4.332	306.9	13.2	8.75	69.8	72.05	-2.25	19.97	16.71	26.328	45.792
"2012-04-26	09:00:00"	8.48	343	18.55	13.52	6.567	342	18.44	11.14	79.15	80.5	-1.307	18.44	15.77	26.335	216.37
"2012-04-26	10:00:00"	11.54	25.76	13.27	17.7	9.58	26.23	17.64	16.51	82.6	87.2	-4.595	18.68	14.85	26.337	338.21
"2012-04-26	11:00:00"	7.861	31.87	15.23	12.33	6.955	33.73	17.84	11.74	85	88.9	-3.861	20.61	16.69	26.333	366.39
"2012-04-26	12:00:00"	5.852	27.79	29.19	10.54	5.137	29.02	33.48	9.95	91.4	94.6	-3.214	18.14	14.87	26.335	546.82
"2012-04-26	13:00:00"	2.406	114.4	91.9	6.964	2.715	119.6	93.5	6.368	96.7	98.8	-2.09	14.71	12.1	26.324	481.72
"2012-04-26	14:00:00"	5.372	201	38.44	11.74	4.819	205.6	40.4	11.14	97.9	99.3	-1.407	12.98	10.76	26.315	303.26
"2012-04-26	15:00:00"	7.066	201.3	21.63	12.93	6.081	202.3	26.11	11.14	98.1	98.4	-0.388	11.43	9.57	26.305	303.17
"2012-04-26	16:00:00"	10.29	186.2	19.08	18.89	8.54	186.2	22.51	17.1	98	98.4	-0.449	10.5	8.8	26.288	348.01
"2012-04-26	17:00:00"	12.31	182	16.26	21.28	10.29	181.7	18.37	18.3	98.1	98.5	-0.423	9.24	7.576	26.259	473.84
"2012-04-26	18:00:00"	17.43	172.5	9.07	27.24	14.24	171.4	10.98	23.07	97.5	97.7	-0.209	8.86	7.29	26.229	446.02
"2012-04-26	19:00:00"	19.66	173.4	8.52	27.84	15.98	172.3	10.41	23.66	96.7	96.7	0.024	8.78	7.288	26.211	384.9
"2012-04-26	20:00:00"	16.48	178.1	8.85	25.45	13.28	176.9	11.15	22.47	96.5	95.7	0.816	9.02	7.732	26.196	168.66
"2012-04-26	21:00:00"	10.04	184	10.37	14.72	7.715	182.2	12.91	12.33	93.8	93.1	0.688	8.62	7.26	26.196	12.944
"2012-04-26	22:00:00"	9.53	170.4	6.632	17.1	9.81	167.6	8.4	14.72	87.8	86.5	1.333	11.86	10.97	26.193	0
"2012-04-26	23:00:00"	9.08	175.1	19.35	15.91	7.312	175.4	22.39	14.12	84	82.6	1.42	14.78	14.06	26.199	0
"2012-04-27	00:00:00"	4.846	212.3	30.11	10.54	3.759	221.1	40.95	8.16	80.4	77.87	2.519	16.65	16.09	26.196	0
"2012-04-27	01:00:00"	7.857	230.6	34.7	18.89	5.89	236.5	36.29	15.91	80.2	78.46	1.733	16.15	15.41	26.201	0
"2012-04-27	02:00:00"	7.377	275.2	20.96	13.52	4.097	281.1	27.03	9.35	77.51	77.89	-0.38	16.87	14.77	26.207	0
"2012-04-27	03:00:00"	10.44	277.9	16.78	22.47	6.302	282.7	18.13	15.91	79.68	80.2	-0.564	16.28	14.27	26.2	0
"2012-04-27	04:00:00"	19.08	283.6	7.434	27.84	12.13	288.3	9.93	22.47	78.67	82.2	-3.56	18.91	15.23	26.197	0
"2012-04-27	05:00:00"	13.07	291.2	8.72	20.68	7.253	295.4	10.3	15.91	75.91	79.47	-3.557	20.96	17.02	26.211	0
"2012-04-27	06:00:00"	14.3	300.8	14.71	21.87	8.01	304.4	15.05	16.51	72.23	76	-3.768	24.35	19.69	26.225	0
"2012-04-27	07:00:00"	9.82	340.1	7.784	13.52	6.784	338.6	9.85	11.14	68.64	67.33	1.304	29.96	28.4	26.25	0.09067
"2012-04-27	08:00:00"	6.903	1.032	22.56	11.14	4.187	2.201	34.85	6.964	65.13	62.19	2.941	32.55	32.5	26.275	48.888
"2012-04-27	09:00:00"	9.71	334.5	14.34	17.1	7.642	335.4	15.33	14.72	68.86	69.49	-0.627	27.45	25.12	26.293	239.35
"2012-04-27	10:00:00"	10.17	327.4	13.5	15.91	7.994	329.9	15.17	12.93	71.1	75.39	-4.291	24.48	19.55	26.303	456.08
"2012-04-27	11:00:00"	11.18	288	21.2	21.28	8.04	291	22.38	18.89	76.02	81.6	-5.558	19.96	15.3	26.303	665.53
"2012-04-27	12:00:00"	17.98	269.6	14.23	28.43	13.72	274.8	15.86	24.86	78.86	84	-5.108	15.58	11.71	26.288	842.19
"2012-04-27	13:00:00"	19.86	259.5	12.8	32.01	15.84	265.2	14.92	25.45	82.3	86	-3.775	12.07	9.11	26.276	962.41
"2012-04-27	14:00:00"	17.83	267.4	15.39	33.21	13.71	272.5	16.49	27.84	85.2	90.1	-4.907	10.41	7.342	26.255	1014.1
"2012-04-27	15:00:00"	14.56	247	18.62	25.45	12.16	251.2	21.74	22.47	90	92.8	-2.741	8.56	6.134	26.229	982.83
"2012-04-27	16:00:00"	12.58	239.6	21.42	23.07	10.53	244.1	24.27	21.28	93.1	95.1	-2.066	7.656	5.483	26.205	934.96
"2012-04-27	17:00:00"	12.25	219.5	22.11	31.42	10.12	221.5	25.96	33.21	94.8	96.8	-1.928	6.88	4.825	26.176	798.11
"2012-04-27	18:00:00"	14.25	224.5	22.52	29.63	11.69	227	26.2	23.66	94.7	96.5	-1.754	6.419	4.417	26.158	550

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-27	19:00:00"	11.79	219.7	21.45	20.09	9.74	220.9	25.25	18.3	95	96.2	-1.2	6.204	4.282	26.153	396.06	0	
"2012-04-27	20:00:00"	13.5	233.2	12.47	21.28	11.19	236.5	15.3	17.7	94.4	94.2	0.179	5.93	4.213	26.148	179.58	0	
"2012-04-27	21:00:00"	10.57	234.5	9.9	17.1	8.67	242.6	11.34	15.91	91.9	91	0.941	6.306	4.695	26.152	16.089	0	
"2012-04-27	22:00:00"	10.49	248.4	21	15.91	8.21	255.3	22.6	13.52	87.1	86.5	0.659	7.596	5.893	26.171	0	0	
"2012-04-27	23:00:00"	7.285	224.9	26.16	16.51	5.753	223.2	32.29	14.72	85.6	83.2	2.479	8.19	6.993	26.196	0	0	
"2012-04-28	00:00:00"	4.707	198.7	16.75	8.75	3.295	188.8	19	6.368	79.57	75.18	4.392	10.05	9.6	26.207	0	0	
"2012-04-28	01:00:00"	2.693	226.2	11.51	7.561	2.302	274.7	49.06	5.771	76.51	71.57	4.938	11.14	11.2	26.211	0	0	
"2012-04-28	02:00:00"	4.96	292.3	42.05	6.964	3.629	331.2	50.54	6.368	74.63	69.16	5.473	12.41	12.7	26.216	0	0	
"2012-04-28	03:00:00"	7.496	297.5	8.66	11.14	3.727	314	8.1	6.368	72.68	66.41	6.263	13.21	14.54	26.21	0	0	
"2012-04-28	04:00:00"	11.64	322.4	7.279	14.12	6.761	326.5	8.33	9.95	71.2	71.05	0.153	14.41	12.68	26.196	0	0	
"2012-04-28	05:00:00"	10.79	331.7	8.46	14.12	6.464	333.3	10.99	10.54	70	69.71	0.296	16.58	14.33	26.201	0	0	
"2012-04-28	06:00:00"	9.45	5.816	19.99	11.74	5.118	3.511	21.54	9.95	66.3	66.97	-0.671	19.04	16.98	26.209	0	0	
"2012-04-28	07:00:00"	5.412	330.8	66.42	9.95	3.88	325.4	73.39	6.964	63.49	62.06	1.433	21.3	19.64	26.232	0.15386	0	
"2012-04-28	08:00:00"	5.436	2.328	32.03	8.75	3.236	11.63	41.63	4.578	61.58	59.45	2.129	24.09	23.02	26.248	50.376	0	
"2012-04-28	09:00:00"	7.091	38.43	10.84	12.33	5.559	38.98	12.4	11.14	71.19	72.94	-1.747	22.29	19.8	26.256	242.06	0	
"2012-04-28	10:00:00"	13.18	26.8	12.22	20.68	10.95	27.69	16.24	18.3	76.32	81.2	-4.83	19.47	15.22	26.26	456.31	0	
"2012-04-28	11:00:00"	11.87	27.86	13.55	20.68	9.97	28.56	17.2	18.3	77.32	82.7	-5.425	19.13	14.74	26.262	660.24	0	
"2012-04-28	12:00:00"	8.44	53.52	23.8	14.72	7.244	54.32	26.85	13.52	83.1	87.7	-4.631	16.61	12.85	26.262	831.32	0	
"2012-04-28	13:00:00"	7.396	66.83	44.36	14.12	6.558	68.58	47.57	12.93	87.9	92	-4.111	14.63	11.32	26.257	942.58	0	
"2012-04-28	14:00:00"	7.288	90.9	74.63	18.89	6.508	94.5	73.38	17.1	91.2	95.6	-4.449	12.93	9.74	26.235	993.61	0	
"2012-04-28	15:00:00"	6.074	114.1	80.6	18.89	5.46	117.5	83	14.72	95.2	98.4	-3.216	10.71	8.02	26.213	963.44	0	
"2012-04-28	16:00:00"	6.023	219.2	59.12	15.91	5.324	226.1	64.31	12.93	96.3	100	-3.645	9.64	6.918	26.197	914.3	0	
"2012-04-28	17:00:00"	5.637	160.7	91.7	17.7	5.203	161.4	90.3	16.51	98	100.8	-2.742	9.27	6.8	26.173	772.77	0	
"2012-04-28	18:00:00"	5.657	174.4	75.36	17.1	5.264	176.4	78.21	14.12	98.6	100.9	-2.267	9.49	7.111	26.152	553.52	0	
"2012-04-28	19:00:00"	9.35	175.2	30.49	17.7	7.893	174.3	32.1	17.1	97.9	99.1	-1.155	9.01	7.088	26.141	377.87	0	
"2012-04-28	20:00:00"	8.83	170.5	16.79	17.1	7.298	170.1	18.91	14.72	96.3	96	0.328	7.888	6.306	26.141	169.26	0	
"2012-04-28	21:00:00"	5.676	157.2	13.78	10.54	4.148	143.2	24.39	8.16	94.3	91.6	2.66	8.14	7.022	26.146	15.673	0	
"2012-04-28	22:00:00"	4.962	154.6	15.4	20.68	4.312	151.4	52.05	17.1	88	82.5	5.505	11.25	11.18	26.163	0	0	
"2012-04-28	23:00:00"	17.09	169.1	7.471	27.84	13.78	169.4	9.17	24.26	82.1	81.1	1.027	32.41	32.75	26.182	0	0	
"2012-04-29	00:00:00"	20.92	175.3	6.812	36.78	16.78	174.7	8.77	30.82	77.91	77.03	0.886	45.29	46.46	26.197	0	0	
"2012-04-29	01:00:00"	16.51	176.8	6.943	24.26	13.34	175.8	9.52	20.09	76.49	75.39	1.1	48.67	50.39	26.202	0	0	
"2012-04-29	02:00:00"	9.92	183.2	9.24	16.51	8	182.2	11.72	14.12	76.16	75.33	0.83	50.24	51.17	26.21	0	0	
"2012-04-29	03:00:00"	8.63	136.7	49.65	13.52	6.524	133.7	51.25	11.14	74.75	74.2	0.552	51.64	51.89	26.209	0	0	
"2012-04-29	04:00:00"	8.65	85.5	19.98	13.52	6.211	84.6	20.76	9.95	71.15	72.38	-1.236	58.32	54.19	26.216	0	0	
"2012-04-29	05:00:00"	8.64	88.1	22.19	11.74	5.984	85.4	23.06	8.16	69.61	71.2	-1.586	60.96	55.95	26.219	0	0	
"2012-04-29	06:00:00"	7.199	63.19	19.29	9.95	5.139	58.01	23.8	8.16	67.82	69.13	-1.312	63.55	58.28	26.234	0	0	
"2012-04-29	07:00:00"	7.884	77.6	17.61	10.54	5.091	75.27	19.65	7.561	65.99	67.46	-1.471	67.4	60.7	26.247	0.13841	0	
"2012-04-29	08:00:00"	6.955	91.3	16.36	9.35	4.413	77.63	14.31	6.964	66.27	66.62	-0.351	68.52	64.22	26.267	38.675	0	
"2012-04-29	09:00:00"	6.717	95.5	27.3	12.33	5.708	95.4	27.57	9.95	69.61	71.13	-1.521	66.45	61.92	26.292	151.19	0	
"2012-04-29	10:00:00"	6.432	130.5	22.25	11.14	5.69	130.7	23.56	9.95	73.49	74.64	-1.156	66.73	62.58	26.313	162.89	0	
"2012-04-29	11:00:00"	8.21	92	15.35	15.91	7.195	94	17.19	13.52	75.5	78.56	-3.062	60.82	54.03	26.329	350.14	0	
"2012-04-29	12:00:00"	8.09	85.5	21.85	15.31	7.124	85	24.93	13.52	78.9	82	-3.076	51.21	44.61	26.335	582.94	0	
"2012-04-29	13:00:00"	7.534	90.4	32.2	18.89	6.721	90.2	35.18	15.91	83.7	87.6	-3.874	41.46	35.51	26.324	876.55	0	
"2012-04-29	14:00:00"	6.929	121.4	61.99	15.31	6.13	121.4	62.33	14.72	87.8	91.4	-3.602	35.22	30.22	26.302	946.68	0	
"2012-04-29	15:00:00"	6.261	72.96	78	14.12	5.678	75.78	75.34	13.52	91.2	95.3	-4.022	30.39	25.54	26.28	925.02	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-04-29	16:00:00"	6.358	132	82.2	17.1	5.741	140.5	84.1	15.91	93.4	96.9	-3.537	27.38	23.06	26.259	898.89	0	
"2012-04-29	17:00:00"	7.757	146.6	47.49	23.07	6.622	148.2	47.99	20.09	95	98.2	-3.214	24.3	20.54	26.242	787.53	0	
"2012-04-29	18:00:00"	8.27	158.5	25.51	17.7	7.131	158.3	27.96	14.12	94.8	97.2	-2.306	22.54	19.5	26.231	536.95	0	
"2012-04-29	19:00:00"	9.49	161.6	28.16	18.3	8.03	161.5	30.33	17.1	94	95.2	-1.191	22.08	19.79	26.228	301.3	0	
"2012-04-29	20:00:00"	19.48	138.4	10.97	32.61	16.11	139.3	11.53	27.24	89.2	90.5	-1.251	32.71	29.8	26.231	193.63	0	
"2012-04-29	21:00:00"	23.92	144	8.91	33.8	19.78	144.3	9.56	29.03	80.6	81.1	-0.512	49.15	46.51	26.251	19.5	0	
"2012-04-29	22:00:00"	18.82	156.5	11.02	29.63	15.75	156.2	11.47	24.86	77.7	77.08	0.621	54.01	53.88	26.275	0	0	
"2012-04-29	23:00:00"	17.48	172.8	9.06	29.63	14.18	172.6	10.77	23.66	76.55	75.69	0.858	56.05	57.76	26.299	0	0	
"2012-04-30	00:00:00"	13.41	170.4	7.199	20.09	10.83	170.5	9.21	17.7	75.28	74.54	0.742	59.93	61.69	26.315	0	0	
"2012-04-30	01:00:00"	13.27	172.1	6.971	19.49	10.67	171.5	9.48	17.7	74.11	73.27	0.833	62.76	64.96	26.319	0	0	
"2012-04-30	02:00:00"	10.6	171.3	7.309	15.91	8.48	170.9	9.15	12.93	73.63	72.96	0.67	63.39	65.13	26.324	0	0	
"2012-04-30	03:00:00"	8.32	123.4	32.28	13.52	6.298	121.6	33.29	11.14	71.84	71.78	0.06	65.46	65.44	26.33	0	0	
"2012-04-30	04:00:00"	9.35	117.5	30.62	14.12	7.104	117.3	31.76	11.14	69.53	70.01	-0.477	69.54	66.8	26.323	0	0	
"2012-04-30	05:00:00"	8.35	110.4	12.96	11.74	5.767	109.1	14.93	8.75	67.4	68.44	-1.043	72.63	68.71	26.328	0	0	
"2012-04-30	06:00:00"	7.171	96.5	8.77	9.95	4.26	84.8	11.72	6.368	66.51	67.7	-1.184	73.44	68.78	26.328	0	0	
"2012-04-30	07:00:00"	5.881	113.8	15.86	8.16	2.628	99.6	26.14	5.771	65.23	63.36	1.869	75.65	73.73	26.329	0.17494	0	
"2012-04-30	08:00:00"	6.638	90.9	10	8.75	4.247	78.77	16.66	6.368	63.86	64.52	-0.663	80.5	75.63	26.344	47.174	0	
"2012-04-30	09:00:00"	7.282	138.7	37.86	15.91	5.992	136.8	39.82	13.52	69.01	69.21	-0.201	74.35	71.35	26.356	228.25	0	
"2012-04-30	10:00:00"	12.99	180	9.79	19.49	10.73	178.4	11.94	17.1	73.99	74.07	-0.075	63.64	63.59	26.357	441.57	0	
"2012-04-30	11:00:00"	11.08	178.6	11.33	18.89	9.14	177.3	14.1	17.1	79.71	80.5	-0.742	54.01	52.2	26.359	647.64	0	
"2012-04-30	12:00:00"	9.5	188.2	17.93	15.91	8.04	187.8	21.02	14.12	85.5	86.9	-1.452	41.16	38.3	26.358	818.99	0	
"2012-04-30	13:00:00"	6.547	183	39.16	13.52	6.049	181.5	38.1	12.93	91.1	93.2	-2.033	27.61	24.57	26.349	935.93	0	
"2012-04-30	14:00:00"	5.92	193.6	53.11	15.31	5.669	193.5	57.46	13.52	96.1	98.6	-2.441	18.19	15.29	26.33	981.93	0	
"2012-04-30	15:00:00"	8.6	188.2	35.13	18.89	7.708	187.3	36.72	17.7	97	99.8	-2.793	14.27	11.59	26.311	954.79	0	
"2012-04-30	16:00:00"	8.75	194.4	40.6	20.68	8.09	191	46.34	18.89	98	100	-1.998	12.66	10.32	26.287	910.11	0	
"2012-04-30	17:00:00"	9.18	204	35.84	21.28	8.79	204.3	40.05	18.3	98.6	100.8	-2.244	12.38	10.02	26.258	753.02	0	
"2012-04-30	18:00:00"	7.739	214	35.21	18.89	6.729	217.5	38.32	14.72	98.7	100.1	-1.422	12.77	10.53	26.233	588.43	0	
"2012-04-30	19:00:00"	8.58	191.5	40.02	20.09	7.797	193.5	44.08	19.49	98.4	99.7	-1.275	11.65	9.51	26.211	330.79	0	
"2012-04-30	20:00:00"	21.7	183.5	15.44	39.77	17.49	183	17.39	32.61	90.7	91.7	-0.929	21.5	19.93	26.209	197.7	0	
"2012-04-30	21:00:00"	17.54	178.4	7.679	26.05	14.25	177	10.15	23.07	87.1	86.4	0.764	20.27	19.5	26.226	25.75	0	
"2012-04-30	22:00:00"	13.6	183.9	9.36	23.66	10.91	183.1	12.36	19.49	83.8	83.1	0.638	23.32	22.66	26.25	0	0	
"2012-04-30	23:00:00"	17.23	181.6	9.62	28.43	13.91	181	12.35	24.86	80.4	79.78	0.613	28.68	28.38	26.272	0	0	
"2012-05-01	00:00:00"	13.93	187.6	9.68	23.66	11.25	187.3	12.95	19.49	77.16	76.69	0.472	33.73	33.59	26.274	0	0	
"2012-05-01	01:00:00"	13.06	184.1	9.86	21.28	10.51	182.7	12.3	18.3	75.09	74.59	0.499	36.57	36.5	26.274	0	0	
"2012-05-01	02:00:00"	14.5	181	8.53	21.28	11.65	180.3	10.92	18.3	73.9	73.02	0.883	38.2	38.76	26.274	0	0	
"2012-05-01	03:00:00"	17.73	178.2	7.656	29.63	14.1	177.5	10.93	23.07	73.2	71.97	1.231	38.05	39.07	26.266	0	0	
"2012-05-01	04:00:00"	17.48	178.2	7.36	26.05	14.09	177.1	9.64	22.47	72.54	71.27	1.266	38.37	39.45	26.261	0	0	
"2012-05-01	05:00:00"	13.05	183	8.85	20.68	10.51	182.1	11.2	18.3	72.37	71.33	1.039	41.09	42.1	26.265	0	0	
"2012-05-01	06:00:00"	10.81	185	9.75	16.51	8.39	185.1	12.24	14.12	71.35	70.62	0.733	46.83	47.61	26.265	0	0	
"2012-05-01	07:00:00"	9.98	184.1	9.12	15.91	7.776	185.2	12.48	12.93	69.82	69.24	0.586	51.24	51.99	26.265	0.20938	0	
"2012-05-01	08:00:00"	9.28	189.5	8.32	13.52	6.822	191.7	12.5	10.54	68.06	67.3	0.761	55.18	56.66	26.274	54.225	0	
"2012-05-01	09:00:00"	10.89	194.3	11.79	19.49	8.4	194.9	15.53	14.12	71.31	71.33	-0.024	50.95	50.58	26.288	241.4	0	
"2012-05-01	10:00:00"	10.84	211.9	14.21	18.89	8.88	214.8	16.49	17.1	76.07	77.51	-1.44	40.84	38.12	26.29	453.71	0	
"2012-05-01	11:00:00"	10.96	233.4	15.21	17.7	9.36	237	17.91	16.51	82	82.7	-0.74	30.75	28.67	26.287	657.8	0	
"2012-05-01	12:00:00"	9.18	238.4	23.7	17.7	7.859	241	25.85	15.91	88.4	89.1	-0.623	21.53	19.6	26.282	831.4	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-01	13:00:00"	10.64	255.7	25.38	23.66	8.6	259.6	28.44	21.28	93.4	96.6	-3.182	12.26	9.57	26.266	950.74	0	
"2012-05-01	14:00:00"	13.47	222.4	33.39	27.84	11.18	224.7	37.34	22.47	95.2	97.7	-2.488	10.57	8.21	26.235	1001.2	0	
"2012-05-01	15:00:00"	16.6	241.2	21.28	30.82	13.5	246.1	24.33	27.84	97.4	99.7	-2.299	8.8	6.547	26.206	973	0	
"2012-05-01	16:00:00"	19.04	230	19.74	36.19	15.43	232.1	22.75	26.65	97.8	100	-2.251	7.764	5.593	26.185	921.42	0	
"2012-05-01	17:00:00"	20.51	234.8	17.38	33.8	16.92	238.3	20.98	30.82	97.7	99.3	-1.565	7.331	5.277	26.165	792.71	0	
"2012-05-01	18:00:00"	19.83	234.3	17.52	34.4	16.4	238.4	20.24	29.63	97.3	98.5	-1.195	7.854	5.876	26.151	604.56	0	
"2012-05-01	19:00:00"	18.71	243.4	15.27	34.4	15.18	248.9	17.75	27.24	97.3	98.3	-0.923	8.04	6.067	26.142	391.89	0	
"2012-05-01	20:00:00"	18.82	251.1	11.42	31.42	15.29	257	13.78	25.45	96.2	96.4	-0.189	7.104	5.262	26.141	185.28	0	
"2012-05-01	21:00:00"	14.35	260.4	8.15	21.87	11.75	268.6	9.31	18.3	92.2	92.9	-0.613	6.777	4.814	26.16	20.795	0	
"2012-05-01	22:00:00"	16.81	193.9	42.36	31.42	13.54	194	45.37	27.24	86.9	86.9	-0.001	26.22	25.21	26.192	0	0	
"2012-05-01	23:00:00"	17.62	173	7.066	27.24	14.18	172.6	9.25	22.47	81.3	80.4	0.87	48.15	49.38	26.219	0	0	
"2012-05-02	00:00:00"	16.78	177.4	7.182	25.45	13.43	176.7	9.89	21.28	78.4	77.58	0.822	55.27	56.98	26.233	0	0	
"2012-05-02	01:00:00"	12.2	179.8	8.46	19.49	9.85	179.5	10.78	16.51	76.86	76.19	0.676	59.84	61.31	26.239	0	0	
"2012-05-02	02:00:00"	10.22	184.8	9.16	15.31	8.09	184.8	11.7	12.93	75.26	74.69	0.567	64.44	65.77	26.239	0	0	
"2012-05-02	03:00:00"	11.18	180.4	8.77	16.51	8.95	180.3	11.16	12.93	73.76	73.14	0.617	69.75	71.54	26.232	0	0	
"2012-05-02	04:00:00"	9.21	186	9.76	14.12	7.205	186.5	12.57	12.93	72.76	72.09	0.671	72.77	74.65	26.232	0	0	
"2012-05-02	05:00:00"	7.075	200.1	11.01	11.74	5.174	198.1	12.35	8.75	70.96	70.55	0.41	74.98	76.02	26.234	0.08873	0	
"2012-05-02	06:00:00"	5.667	215.6	15.69	8.75	4.64	215.7	17.52	7.561	70.35	68.95	1.399	76.82	78.34	26.244	1.2148	0	
"2012-05-02	07:00:00"	3.929	209.1	13.78	7.561	3.325	208	17.06	6.368	67.37	66.98	0.391	79.1	79.8	26.262	2.229	0	
"2012-05-02	08:00:00"	4.446	222.1	14.48	7.561	4.017	226.5	16.76	6.964	68.39	67.42	0.965	79.98	81	26.276	30.908	0	
"2012-05-02	09:00:00"	4.788	248.6	56.57	11.74	4.538	254.6	56.22	10.54	69.66	69.05	0.613	78.83	79.64	26.285	172.91	0	
"2012-05-02	10:00:00"	7.956	213.4	14.57	11.74	6.862	216.5	18.87	10.54	72.9	73.33	-0.425	71.11	69.86	26.302	441.5	0	
"2012-05-02	11:00:00"	9.88	230.1	20.55	15.31	8.34	233.7	23.32	14.12	81.1	82.1	-1.047	46.27	43.08	26.308	656.41	0	
"2012-05-02	12:00:00"	8.64	259.2	24.4	16.51	7.07	262.6	26.85	14.12	90	92	-1.957	22.47	19.87	26.304	829.02	0	
"2012-05-02	13:00:00"	6.81	262.7	36.67	13.52	5.737	264.5	39.79	12.33	95.7	99.8	-4.035	10.49	7.732	26.29	947.95	0	
"2012-05-02	14:00:00"	8.65	209.8	38.77	19.49	7.298	210.1	41.86	16.51	98.1	101.3	-3.233	8.66	6.237	26.272	999.89	0	
"2012-05-02	15:00:00"	12.39	217.6	29.22	24.26	10.32	219.8	33.42	19.49	99.1	101.4	-2.279	9.08	6.867	26.25	964.6	0	
"2012-05-02	16:00:00"	15.3	204.8	21.37	30.22	12.35	205.1	24.15	23.07	98.1	100.3	-2.224	9.43	7.328	26.233	915.28	0	
"2012-05-02	17:00:00"	14.97	210.1	24.49	44.54	12.23	212.3	27.42	34.4	98.5	100.4	-1.923	6.508	4.502	26.211	796.73	0	
"2012-05-02	18:00:00"	17.64	234.7	18.62	29.03	14.47	238.3	21.58	27.24	98.2	100	-1.773	5.307	3.3	26.196	618.84	0	
"2012-05-02	19:00:00"	18.31	234.2	19.4	30.82	15.08	238.1	23.57	26.05	97.1	98	-0.897	4.727	2.873	26.197	409.63	0	
"2012-05-02	20:00:00"	20.27	257.8	9.7	30.82	16.15	265	12.13	28.43	93.3	94.6	-1.249	5.198	3.199	26.206	191.61	0	
"2012-05-02	21:00:00"	15.76	263.9	7.849	26.65	12.77	269.3	8.79	20.68	89	90.3	-1.286	5.314	3.299	26.228	21.47	0	
"2012-05-02	22:00:00"	12.82	281	7.83	21.28	7.708	288.2	10.99	15.91	84.5	87.1	-2.565	5.076	2.983	26.246	0	0	
"2012-05-02	23:00:00"	6.928	290.7	10.13	12.33	3.613	314.5	34.03	8.75	80.6	80.9	-0.323	5.551	3.776	26.258	0	0	
"2012-05-03	00:00:00"	12.29	288	6.865	18.89	6.562	295.9	9.63	13.52	80.4	83.1	-2.715	6.592	4.364	26.267	0	0	
"2012-05-03	01:00:00"	10.25	172.4	44.41	27.24	9.11	169.7	45.32	21.28	80.7	79.89	0.799	14.65	13.07	26.299	0	0	
"2012-05-03	02:00:00"	12.59	171.6	7.116	17.1	10.05	171.4	9.03	15.31	77.69	77.19	0.496	57.22	58.09	26.306	0	0	
"2012-05-03	03:00:00"	7.63	190.1	11.18	14.72	5.6	192.6	14.11	11.74	75.31	74.26	1.046	64.92	66.37	26.303	0	0	
"2012-05-03	04:00:00"	5.018	201.7	15.17	8.16	3.63	202.3	18.43	5.771	73.05	71.43	1.625	70.25	71.66	26.296	0	0	
"2012-05-03	05:00:00"	6.476	251.6	17.03	10.54	5.039	258.6	20.15	9.35	73.57	71.79	1.78	70.37	71.88	26.304	0	0	
"2012-05-03	06:00:00"	7.856	279.9	10.79	9.95	3.99	291.3	12.71	8.16	70.63	71.76	-1.128	74.56	67.41	26.312	0	0	
"2012-05-03	07:00:00"	8.92	303.9	6.376	12.33	3.957	313.4	10.54	7.561	68.01	68.13	-0.12	68.65	66.74	26.322	0.16793	0	
"2012-05-03	08:00:00"	10.26	304.7	3.114	12.33	4.83	315.6	8.32	6.964	67.04	68.72	-1.675	57.84	56.47	26.344	30.77	0	
"2012-05-03	09:00:00"	8.96	300.8	7.896	12.33	4.935	308.3	12.3	8.16	71.03	74.32	-3.294	37.32	35.25	26.357	155	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-03	10:00:00"	9.94	295	8.43	15.31	6.201	298.8	11.21	11.14	76.78	82	-5.194	21.79	17.51	26.365	378.28	0
"2012-05-03	11:00:00"	12.77	288.7	10.01	20.68	8.52	292.1	12.61	17.7	84.1	90.4	-6.271	12.58	9.08	26.367	662.37	0
"2012-05-03	12:00:00"	12.79	274.2	19.26	20.09	9.36	278.4	20.45	20.09	89.7	95.2	-5.452	6.945	4.258	26.367	836.67	0
"2012-05-03	13:00:00"	12.72	263.8	19.09	24.26	10.29	269.5	19.89	23.66	92.5	96.5	-4.007	5.377	3.073	26.365	959.16	0
"2012-05-03	14:00:00"	11.56	258.5	26.26	20.68	9.47	264.7	27.33	18.3	94.6	98.8	-4.277	5.212	2.864	26.357	1011.6	0
"2012-05-03	15:00:00"	11.53	255.4	28.26	24.86	9.32	258.3	32.48	24.26	96.4	100	-3.645	5.193	2.931	26.345	951.59	0
"2012-05-03	16:00:00"	11.03	232.6	31.02	21.87	9.28	235.7	34.1	21.28	97.1	100.1	-3.058	5.297	3.083	26.33	909.08	0
"2012-05-03	17:00:00"	9.52	243	28.49	26.65	7.979	247.5	32.13	23.07	98.3	101.2	-2.896	5.381	3.142	26.308	719.82	0
"2012-05-03	18:00:00"	11.26	241.7	26.39	21.28	9.4	244.8	30.19	19.49	97.5	99.3	-1.731	5.346	3.254	26.293	460.47	0
"2012-05-03	19:00:00"	10.99	250.2	23.05	21.28	9.04	255.2	25.22	17.1	97.6	99.4	-1.822	5.284	3.185	26.289	411.4	0
"2012-05-03	20:00:00"	7.93	268.1	36.25	18.89	5.715	271.8	39.35	13.52	95.7	97.2	-1.489	5.776	3.712	26.3	145.81	0
"2012-05-03	21:00:00"	4.463	263.1	11.22	11.14	4.491	270.8	12.35	9.95	92.8	93.2	-0.486	7.068	4.961	26.315	20.875	0
"2012-05-03	22:00:00"	4.844	237.8	13.54	11.74	4.409	241.9	18.57	9.95	90.2	87	3.251	7.621	6.412	26.336	0	0
"2012-05-03	23:00:00"	5.852	264.7	9.3	12.33	5.813	270.9	11.8	10.54	85.2	84.5	0.712	9.89	8.11	26.347	0	0
"2012-05-04	00:00:00"	8.61	270.5	9.38	13.52	5.924	279.7	13.1	11.74	83	83.3	-0.304	11.31	9.32	26.351	0	0
"2012-05-04	01:00:00"	11.15	193.5	42.1	19.49	8.51	191.8	50.88	17.7	80.5	79.18	1.29	24.57	23.82	26.368	0	0
"2012-05-04	02:00:00"	8.11	189.5	10.46	14.12	6.38	190.2	14.01	12.33	79.41	78.49	0.912	35.42	35.29	26.369	0	0
"2012-05-04	03:00:00"	6.104	186.9	13.78	11.74	4.455	189.1	16.99	9.95	76.78	75.07	1.708	36.71	37.04	26.363	0	0
"2012-05-04	04:00:00"	9.28	179.7	11.16	15.31	7.12	180.4	13.62	13.52	75.16	74.07	1.087	35.9	36.46	26.35	0	0
"2012-05-04	05:00:00"	6.815	187.7	10.9	11.14	4.867	190	14.46	8.16	74.21	72.47	1.741	36.4	37.11	26.354	0	0
"2012-05-04	06:00:00"	5.974	217.8	28.73	11.74	4.231	224.5	36.23	11.14	73.46	70.44	3.02	37.51	39.15	26.361	0	0
"2012-05-04	07:00:00"	5.087	229.7	21.01	11.14	3.782	233.6	26.78	9.35	71.91	69.22	2.694	39.04	40.1	26.367	0.22147	0
"2012-05-04	08:00:00"	5.113	226.4	26.28	8.75	3.794	228.5	30.48	6.964	70.83	68.56	2.27	40.79	42.21	26.377	53.539	0
"2012-05-04	09:00:00"	6.383	262.8	10.15	9.35	5.332	270.4	11.37	8.16	73.88	74.93	-1.043	38.92	35.83	26.387	239.02	0
"2012-05-04	10:00:00"	8.33	262.3	11.02	13.52	6.841	266.9	13.72	11.14	82.6	83.8	-1.228	24.99	22.53	26.394	457.21	0
"2012-05-04	11:00:00"	11.31	271.7	13	19.49	8.67	275.2	14.52	15.91	89.3	93.3	-3.964	8.4	6.07	26.391	667.24	0
"2012-05-04	12:00:00"	12.01	271.5	17.06	20.09	9.29	275.3	18.69	16.51	92.8	97.3	-4.478	5.748	3.373	26.39	840.77	0
"2012-05-04	13:00:00"	13.65	258.7	16.92	24.26	11.1	263.7	19.16	21.87	94.3	98.3	-3.979	5.97	3.54	26.385	957.06	0
"2012-05-04	14:00:00"	14.2	241.6	17.84	27.24	11.93	245.7	20.44	24.26	96.8	98.7	-1.901	6.193	4.109	26.37	1009.2	0
"2012-05-04	15:00:00"	16.79	243.1	20.42	29.63	13.68	247.5	22.6	26.05	97.2	99.8	-2.546	6.15	3.976	26.349	978.23	0
"2012-05-04	16:00:00"	15.36	233.2	20.94	32.01	12.83	236.1	23.74	27.24	98.1	100.1	-2.025	5.695	3.607	26.323	929.37	0
"2012-05-04	17:00:00"	18.48	238.4	19.69	31.42	15.38	241.4	23.44	27.84	97.9	99.9	-1.962	5.765	3.665	26.3	795.79	0
"2012-05-04	18:00:00"	16.48	240.5	19	27.84	13.67	244.9	23.02	27.84	97.9	99.3	-1.397	5.475	3.468	26.291	617.31	0
"2012-05-04	19:00:00"	15.22	243.7	14.58	24.86	12.42	248.2	17.83	21.28	98	98.8	-0.786	4.899	3.004	26.287	409.61	0
"2012-05-04	20:00:00"	15.18	247.8	15.18	24.86	12.29	253.1	18.82	22.47	96.9	97	-0.131	5.022	3.176	26.279	191.46	0
"2012-05-04	21:00:00"	11.65	247.4	7.879	19.49	9.07	251.7	10.97	16.51	94.8	93.4	1.35	5.356	3.691	26.284	21.456	0
"2012-05-04	22:00:00"	9.02	250.6	8.08	14.12	6.606	257.3	10.76	11.14	90.9	88.7	2.196	6.233	4.741	26.308	0	0
"2012-05-04	23:00:00"	11.74	266.2	8.98	21.28	9.32	272	9.08	18.3	85.3	85.5	-0.258	7.87	5.998	26.318	0	0
"2012-05-05	00:00:00"	11.93	271.4	8.71	17.7	8.6	276	11.84	15.31	84	85.2	-1.269	8.41	6.305	26.319	0	0
"2012-05-05	01:00:00"	9.26	285.2	7.491	14.12	4.47	297.4	9.82	9.95	80.7	81.8	-1.156	8.92	6.861	26.311	0	0
"2012-05-05	02:00:00"	4.984	254.8	17	8.75	3.677	253.7	26.91	6.368	79.72	76.91	2.811	9.43	8.29	26.308	0	0
"2012-05-05	03:00:00"	6.642	224.1	35.52	13.52	4.886	226.2	39.37	10.54	80.4	76.29	4.101	8.76	8.22	26.304	0	0
"2012-05-05	04:00:00"	10.62	170.1	9.4	17.7	8.39	169	11.01	14.12	74.9	73.68	1.216	40.8	40.23	26.309	0	0
"2012-05-05	05:00:00"	7.731	193	17.33	15.31	5.801	194.1	19.32	11.14	72.08	71.26	0.814	64.6	65.03	26.314	0	0
"2012-05-05	06:00:00"	4.812	229.6	12.62	8.16	3.53	237.1	15.69	6.368	70.57	68.36	2.202	67.76	68.97	26.307	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-05	07:00:00"	5.286	213.3	13.33	9.35	3.912	212.6	16.4	7.561	69.04	67.75	1.293	75.51	76.17	26.304	0.781	0
"2012-05-05	08:00:00"	5.838	202.9	14.25	9.35	4.665	201.6	16.7	8.75	67.73	67.58	0.15	78.65	78.67	26.323	45.244	0
"2012-05-05	09:00:00"	5.911	215.9	16.12	10.54	4.895	217.7	18.65	9.35	69.31	68.62	0.691	74.04	74.83	26.341	205.3	0
"2012-05-05	10:00:00"	7.862	216.9	15.51	12.93	6.733	219.2	16.82	11.74	79.29	78.83	0.462	28.14	28.01	26.342	413.12	0
"2012-05-05	11:00:00"	8.48	243.3	20.22	13.52	7.33	247.1	21.1	11.74	86.5	86.8	-0.253	15.23	13.5	26.339	612.88	0
"2012-05-05	12:00:00"	10.68	279.7	24.44	18.3	7.969	283.4	24.63	15.91	92.9	96.3	-3.437	7.129	4.944	26.332	814.41	0
"2012-05-05	13:00:00"	13.45	281.1	18.16	24.26	9.85	285.4	19.01	20.09	94	100.4	-6.415	5.716	3.065	26.322	930.73	0
"2012-05-05	14:00:00"	15.65	269.8	19.16	27.84	12.05	274.2	20.94	23.66	96	101.1	-5.139	5.855	3.288	26.304	934.28	0
"2012-05-05	15:00:00"	15.94	249	19.23	28.43	13.16	253.5	22.07	27.24	97.4	100.6	-3.206	5.936	3.596	26.289	963.15	0
"2012-05-05	16:00:00"	15.64	253	18.05	30.82	12.81	258.3	20.39	27.24	96.5	99	-2.538	6.195	3.937	26.278	593.46	0
"2012-05-05	17:00:00"	13.63	247.6	17.55	24.86	11.18	252.2	20.05	19.49	96.9	98	-1.136	6.202	4.162	26.26	429.83	0
"2012-05-05	18:00:00"	16.71	237.1	16.22	27.84	13.86	241.1	20.11	26.05	96.9	97.7	-0.824	6.407	4.489	26.247	435.31	0
"2012-05-05	19:00:00"	17.29	230.8	14.42	29.03	14.28	233.8	16.92	25.45	94.5	94.8	-0.301	6.865	5.057	26.249	195.07	0
"2012-05-05	20:00:00"	11.43	226.4	15.76	22.47	9.58	228.5	18.64	20.68	93.3	92.9	0.426	7.432	5.75	26.251	138.32	0
"2012-05-05	21:00:00"	16	258.2	9.2	24.86	12.89	266.7	10.69	21.87	90	90.6	-0.579	7.425	5.465	26.253	17.404	0
"2012-05-05	22:00:00"	10.6	257.4	8.28	16.51	8.99	266.3	9.45	14.12	86.2	86	0.193	7.561	5.695	26.264	0	0
"2012-05-05	23:00:00"	8.92	254.1	7.781	14.12	6.726	260.5	10.1	11.14	84.1	82.6	1.497	7.784	6.208	26.272	0	0
"2012-05-06	00:00:00"	6.958	227.7	16.69	11.14	5.643	225.6	19.77	9.95	80.4	78.58	1.771	8.49	7.214	26.276	0	0
"2012-05-06	01:00:00"	5.737	222.7	13.65	8.75	4.313	218	17.67	8.16	77.45	75.42	2.036	9.38	8.31	26.275	0	0
"2012-05-06	02:00:00"	4.562	216.3	13.09	8.16	3.83	210.3	16.76	6.368	77.55	74.98	2.578	9.61	8.71	26.279	0	0
"2012-05-06	03:00:00"	5.136	211.2	14.2	9.95	3.457	198.7	18.72	6.964	76.46	73.6	2.862	10.1	9.36	26.279	0	0
"2012-05-06	04:00:00"	5.13	219.3	14.68	9.95	3.799	212.2	17.77	8.16	76	72.36	3.643	10.37	9.93	26.276	0	0
"2012-05-06	05:00:00"	6.584	239.4	14.93	10.54	4.737	241.1	19.67	8.75	76.28	73.26	3.018	10.23	9.47	26.275	0	0
"2012-05-06	06:00:00"	5.888	250.7	11.08	11.14	3.998	245.8	16.8	8.75	75.39	70.92	4.471	10.8	10.46	26.278	0	0
"2012-05-06	07:00:00"	5.577	224.8	18.45	9.95	4.206	215	19.17	7.561	73.3	69.69	3.608	11.44	11.14	26.29	0.26573	0
"2012-05-06	08:00:00"	7.341	270.5	10.59	11.14	4.48	279	15.21	8.75	73.58	70.85	2.727	12.09	11.65	26.309	58.998	0
"2012-05-06	09:00:00"	11.4	289.2	6.901	19.49	6.903	293.5	9.62	12.93	75.67	79.78	-4.112	11.98	9.23	26.321	249.92	0
"2012-05-06	10:00:00"	13.51	287.9	12	21.28	8.79	290.5	14.1	15.31	81.9	87.2	-5.333	10.21	7.096	26.334	464.49	0
"2012-05-06	11:00:00"	13.96	301.9	14.09	29.63	9.02	304.9	15.77	20.68	85.9	92.1	-6.134	9.21	5.935	26.341	670.73	0
"2012-05-06	12:00:00"	14.04	333.6	20.56	23.66	10.86	333	21.01	21.28	89.4	94.8	-5.413	8.43	5.483	26.346	841.48	0
"2012-05-06	13:00:00"	10.88	325.4	27.69	24.26	8.41	326.2	29.21	21.28	90.7	96.5	-5.81	9.32	6.087	26.345	954.1	0
"2012-05-06	14:00:00"	8.04	323.7	43.63	18.3	6.686	325.4	48.51	17.1	93.4	98.7	-5.336	11.48	8.04	26.337	1000	0
"2012-05-06	15:00:00"	8.21	307.1	47.89	26.05	6.555	309	48.93	26.05	95.5	100.9	-5.434	12.09	8.56	26.325	964.39	0
"2012-05-06	16:00:00"	7.629	279.2	54.87	20.09	6.274	282.1	58.62	16.51	97.2	101.3	-4.101	11.03	7.982	26.308	911.38	0
"2012-05-06	17:00:00"	8.16	296.8	46.4	21.87	6.417	299.1	48.54	17.1	97.8	102.7	-4.83	10.13	7.027	26.278	773.25	0
"2012-05-06	18:00:00"	10.79	289.6	32.75	20.68	8.16	293	33.7	18.3	97.4	102.1	-4.723	7.528	4.723	26.261	601.28	0
"2012-05-06	19:00:00"	15.49	231.3	18.82	29.63	12.87	233.6	22.39	25.45	96.4	97.9	-1.515	5.724	3.69	26.262	408.26	0
"2012-05-06	20:00:00"	16.28	226.6	14.16	29.63	13.6	227.6	17.36	24.86	94.1	94.3	-0.188	5.358	3.589	26.265	192.32	0
"2012-05-06	21:00:00"	11.15	232.1	11.49	18.89	9.39	236.8	13.57	18.3	91.1	90.6	0.516	5.902	4.193	26.281	18.099	0
"2012-05-06	22:00:00"	6.609	238.6	12.56	12.33	5.371	241.6	15.55	9.35	88.2	86.3	1.863	6.73	5.213	26.297	0	0
"2012-05-06	23:00:00"	8.2	284.1	20.5	13.52	4.862	296.7	20.14	9.35	82.8	82.2	0.572	7.864	6.149	26.314	0	0
"2012-05-07	00:00:00"	11.16	5.081	27.99	18.3	8.03	4.051	26.01	14.72	78.41	79.78	-1.369	21.74	18.25	26.333	0	0
"2012-05-07	01:00:00"	11.92	44.64	9.19	18.89	9.4	47.08	10.27	15.91	75.15	77.45	-2.301	41.42	36	26.35	0	0
"2012-05-07	02:00:00"	15.15	56.98	10.31	22.47	11.74	60.17	12.28	18.3	70.81	72.98	-2.175	51.77	45.74	26.357	0	0
"2012-05-07	03:00:00"	14.54	49.85	9.32	21.28	11.58	52.86	10.63	18.3	67.95	70.12	-2.171	58.44	51.9	26.358	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-07	04:00:00"	13.9	42.47	8.5	19.49	11.22	44.11	9.36	17.1	65.85	68.39	-2.534	62.79	55.02	26.354	0
"2012-05-07	05:00:00"	13.76	43.53	9.24	18.89	10.91	45.68	10.41	15.91	63.9	66.34	-2.437	66.51	58.83	26.356	0
"2012-05-07	06:00:00"	14.59	37.67	7.151	20.68	11.78	39.85	8.68	17.7	62	64.92	-2.926	71.24	62.08	26.365	0
"2012-05-07	07:00:00"	14.49	30.58	7.246	21.28	11.81	31.78	10.42	18.3	60.91	64.05	-3.14	73.85	64.4	26.375	0.46958
"2012-05-07	08:00:00"	13.78	31.74	7.466	20.09	11.28	33.25	10.25	17.7	60.62	63.96	-3.334	75.97	65.86	26.392	24.636
"2012-05-07	09:00:00"	15.55	35.89	9.12	24.26	12.88	37.91	11.13	20.09	63.61	67.12	-3.511	71.83	61.91	26.407	188.58
"2012-05-07	10:00:00"	16.76	29.25	9.18	23.07	13.79	30.48	12.66	20.68	66.74	71.42	-4.677	66.23	54.97	26.42	407.55
"2012-05-07	11:00:00"	17.3	29.51	10.57	24.26	14.37	30.94	13.99	22.47	68.44	73.76	-5.318	62.47	50.43	26.427	586.48
"2012-05-07	12:00:00"	13.56	33.63	15.15	21.87	11.31	34.86	18.17	21.28	71.02	76.32	-5.304	58.34	46.72	26.441	463.77
"2012-05-07	13:00:00"	13.54	50.7	18.25	21.87	11.34	52.62	20.29	20.68	73.49	78.46	-4.969	54.35	44.04	26.431	747.62
"2012-05-07	14:00:00"	13.83	41.51	18.13	23.07	11.67	43.4	21.25	19.49	75.94	81.3	-5.337	48.85	38.87	26.403	790.82
"2012-05-07	15:00:00"	14.13	48.3	22.39	27.24	11.73	50.11	24.65	23.66	77.82	83.2	-5.335	44.34	35.72	26.376	883.73
"2012-05-07	16:00:00"	9.93	51.9	26.5	18.3	8.63	54.2	28.33	17.7	82.2	87.2	-4.995	36.41	29.98	26.365	890.07
"2012-05-07	17:00:00"	10.08	51.44	20.87	20.09	8.57	52.34	25.13	17.7	84.2	88.7	-4.538	32.7	27.05	26.331	715.2
"2012-05-07	18:00:00"	12.13	60.65	20.69	21.87	10.06	61.92	22.75	18.89	84.1	88.1	-3.968	31.58	26.45	26.311	397.5
"2012-05-07	19:00:00"	15.5	84.5	13.53	25.45	12.56	86.4	13.93	21.28	80.7	84.1	-3.323	36.04	31.16	26.301	137.84
"2012-05-07	20:00:00"	21.81	105.5	10.55	34.4	17.54	107.1	12.5	26.65	76.36	78.29	-1.928	45.81	40.85	26.318	37.057
"2012-05-07	21:00:00"	21.46	91.5	19.23	32.61	17.23	92.9	19.42	28.43	71.72	73.5	-1.784	51.45	46.42	26.349	7.4909
"2012-05-07	22:00:00"	19.01	43.97	14.81	30.22	15.22	44.31	17	26.65	63.71	66.39	-2.687	64	56.37	26.392	0
"2012-05-07	23:00:00"	17.31	74.89	12.67	27.24	13.83	77.09	12.92	21.28	61.59	64.11	-2.512	74.48	67.39	26.408	0
"2012-05-08	00:00:00"	16.29	75.78	9.54	24.26	13.1	77.07	10.35	20.68	63	65.44	-2.435	77.9	71.42	26.454	0.19456
"2012-05-08	01:00:00"	15.1	47.7	15.33	24.26	12.02	49.38	18.01	21.28	61.86	63.82	-1.963	80.7	75.55	26.464	0.69021
"2012-05-08	02:00:00"	18.37	46.52	12.75	33.21	14.49	47.56	14.69	28.43	59.64	61.32	-1.68	81.2	76.17	26.436	0.26139
"2012-05-08	03:00:00"	14.89	43.06	10.21	24.86	11.82	43.83	11.49	20.68	60.52	62.13	-1.613	78.86	74.09	26.451	0
"2012-05-08	04:00:00"	14.72	45.8	13.47	27.84	11.63	46.75	15.88	21.87	60.14	62	-1.859	77.42	72.13	26.429	0
"2012-05-08	05:00:00"	8.1	87.6	24.15	17.1	6.439	90.7	25.02	13.52	62.11	63.26	-1.153	76.76	72.71	26.475	0.21779
"2012-05-08	06:00:00"	14	58.69	12.76	24.86	10.9	61.04	13.38	20.68	60.94	62.42	-1.483	76.88	73.39	26.456	0.67865
"2012-05-08	07:00:00"	14.43	52.92	11.13	23.66	11.34	55.15	12.79	20.09	56.98	59.11	-2.128	80.8	74.6	26.459	0.21138
"2012-05-08	08:00:00"	13.1	46.2	11.51	20.09	10.28	47.46	13.27	16.51	57.06	59.14	-2.084	79.07	72.57	26.482	5.5399
"2012-05-08	09:00:00"	13.95	64.76	15.88	21.28	11.21	65.89	16.2	17.7	55.91	58.16	-2.252	77.85	71.95	26.494	48.315
"2012-05-08	10:00:00"	13.6	47.09	10.74	21.28	10.71	48.16	12.1	19.49	55.88	58.28	-2.397	74.39	68.63	26.515	147.66
"2012-05-08	11:00:00"	13.67	41.11	11.01	19.49	11.01	41.38	13.38	17.1	57.49	60.45	-2.962	70.94	64.64	26.522	374.24
"2012-05-08	12:00:00"	14.3	33.45	12.09	21.28	11.63	33.31	14.65	18.3	59.23	63.16	-3.93	66.54	58.92	26.52	412.38
"2012-05-08	13:00:00"	12.21	35.55	12.79	20.09	10.32	37.95	15.11	17.1	61.14	65.51	-4.367	63.56	55.38	26.514	450.34
"2012-05-08	14:00:00"	10.61	36.65	16.12	17.7	9.09	37.95	18.71	15.31	64.59	68.91	-4.31	60.07	52.12	26.511	546.64
"2012-05-08	15:00:00"	12.58	21.98	13.48	18.89	10.47	22.29	17.8	16.51	65.63	70.95	-5.32	58.24	49.25	26.5	488.96
"2012-05-08	16:00:00"	12.9	35.9	16.71	18.3	10.87	37.28	19.23	16.51	66.56	71.46	-4.906	56.32	47.26	26.482	535.47
"2012-05-08	17:00:00"	12.19	54.82	13.25	19.49	10.23	56.87	14.65	16.51	68.08	71.73	-3.652	52.72	45.42	26.455	370.29
"2012-05-08	18:00:00"	11.5	64.23	13.58	18.89	9.55	66.97	14.68	17.1	69.15	72.08	-2.927	50.42	44.5	26.446	265.5
"2012-05-08	19:00:00"	13.9	76.01	12.85	20.09	11.39	76.53	13.44	17.1	67.71	70.69	-2.988	53	46.93	26.443	128.34
"2012-05-08	20:00:00"	12.85	80.2	8.56	18.89	10.38	80.9	9.98	16.51	66.28	68.95	-2.669	53.89	48.41	26.456	65.265
"2012-05-08	21:00:00"	9.7	76.32	9.88	15.31	7.822	77.86	10.4	13.52	67.07	69.05	-1.98	52.74	48.21	26.477	5.8954
"2012-05-08	22:00:00"	8.66	67.42	8.99	12.33	6.778	68.85	10.2	10.54	67.19	68.23	-1.032	53.7	50.57	26.495	0
"2012-05-08	23:00:00"	8.49	62.46	7.507	12.33	6.58	63.88	9.21	9.95	65.94	67.16	-1.227	56.87	53.01	26.509	0
"2012-05-09	00:00:00"	7.096	63.97	10.07	11.14	5.339	65.13	11.49	8.16	65.58	66.42	-0.843	57.94	54.77	26.521	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-09	01:00:00"	9.61	83.2	8.05	14.72	7.577	83.5	9.53	12.93	63.81	65.92	-2.11	59.45	55.07	26.517	0
"2012-05-09	02:00:00"	7.487	95.2	8.39	11.74	6.019	96.2	8.95	9.35	63.33	65.87	-2.54	61.65	56.17	26.511	0
"2012-05-09	03:00:00"	2.796	94.9	23.17	6.368	2.405	91.6	20.06	5.175	61.84	62.58	-0.737	64.72	61.55	26.509	0
"2012-05-09	04:00:00"	1	69.64	47.83	1	1.245	58.59	43.26	3.386	60.33	60.36	-0.03	67.59	66.01	26.503	0
"2012-05-09	05:00:00"	1	141.9	75.37	1	1.544	148.9	62.41	2.789	59.73	59.53	0.206	68.5	68.14	26.5	0
"2012-05-09	06:00:00"	2.902	39.14	11.57	5.771	2.794	37.45	15.31	4.578	60.58	59.68	0.898	70.32	69.49	26.501	0
"2012-05-09	07:00:00"	5.355	58.8	7.827	6.964	3.369	58.9	10.96	5.175	59.31	59.93	-0.62	67.59	66.1	26.506	0.45642
"2012-05-09	08:00:00"	5.582	70.47	11.57	7.561	3.446	68.6	12.72	5.175	59.34	59.78	-0.44	69.31	65.82	26.512	54.382
"2012-05-09	09:00:00"	6.616	70.93	12.81	10.54	5.579	72.1	13.09	9.35	64.06	65.18	-1.122	57.26	54.86	26.533	238.41
"2012-05-09	10:00:00"	7.265	85.7	22.16	12.33	6.22	88.2	23.61	11.14	67.01	69.71	-2.705	45.56	40.84	26.547	412.35
"2012-05-09	11:00:00"	5.941	108.7	26.29	10.54	5.133	109.4	28.29	9.35	68.64	71.05	-2.409	41.83	37.7	26.55	279.58
"2012-05-09	12:00:00"	6.797	118.9	22.49	11.74	5.85	121.3	24.45	11.14	70	72.19	-2.184	39.55	36.03	26.541	396.52
"2012-05-09	13:00:00"	7.284	106.3	30.29	17.1	6.248	106.6	37.95	15.31	73.1	75.53	-2.428	36.08	32.52	26.52	762.97
"2012-05-09	14:00:00"	7.46	115.8	45.95	16.51	6.482	118.3	45.26	13.52	75.59	79.28	-3.69	34.32	29.78	26.489	976.96
"2012-05-09	15:00:00"	6.821	111.9	43.97	16.51	5.959	116.6	46.14	14.12	77.72	80.9	-3.148	32.67	28.61	26.461	773.42
"2012-05-09	16:00:00"	8.72	127.3	35.37	17.1	7.457	129	35.91	15.31	79.45	82.6	-3.149	30.76	26.8	26.434	785.35
"2012-05-09	17:00:00"	8.3	133.1	45.65	20.09	7.12	132.7	44.9	17.7	79.94	82.5	-2.568	29.59	26.17	26.403	613.41
"2012-05-09	18:00:00"	7.971	130.6	32.39	17.1	6.936	131.9	36.62	15.31	79.89	82.3	-2.426	29.77	26.35	26.379	343.8
"2012-05-09	19:00:00"	9.09	129.3	13.9	16.51	7.644	130.9	15.1	14.72	79.26	80.8	-1.488	30.31	27.65	26.366	155.69
"2012-05-09	20:00:00"	8.35	109.5	11.15	13.52	6.806	111	13.23	12.33	78.3	80.1	-1.755	31.7	28.74	26.353	77.848
"2012-05-09	21:00:00"	9.08	105.5	8.38	13.52	7.285	106.5	9.81	11.74	77.45	79.12	-1.67	33.07	30.18	26.361	9.82
"2012-05-09	22:00:00"	9.37	136.3	8.41	16.51	7.713	137.3	8.68	14.72	76.34	76.59	-0.25	35.85	33.95	26.368	0
"2012-05-09	23:00:00"	7.557	153.4	10.3	14.12	6.636	152.9	10.52	11.74	75.84	74.76	1.086	37.52	37.57	26.381	0
"2012-05-10	00:00:00"	9.83	192.9	19.38	18.89	7.861	192.5	20.18	15.91	72.74	72.34	0.403	47.09	47.33	26.396	0
"2012-05-10	01:00:00"	8.89	167.5	31.82	14.12	7.136	167.7	32.67	11.74	71.23	70.85	0.374	52.58	53.18	26.381	0
"2012-05-10	02:00:00"	7.654	132.2	26.24	11.14	6.066	132.3	27.52	9.35	69.24	69.8	-0.559	59.55	57.86	26.36	0
"2012-05-10	03:00:00"	9.86	170	10.63	17.7	8.01	169.2	11.28	15.91	69.25	68.79	0.461	59.63	61.36	26.372	0.03
"2012-05-10	04:00:00"	8.73	151.5	14.35	14.12	7.078	151.7	15.29	12.33	65.93	65.74	0.19	72.76	73.5	26.349	0.03115
"2012-05-10	05:00:00"	11.34	164.4	10.49	16.51	9.38	165.8	11.85	16.51	64.32	64.04	0.285	73.59	75.83	26.355	0.10198
"2012-05-10	06:00:00"	7.196	105.8	43.12	15.91	5.903	106.3	43.79	12.93	63.5	63.48	0.022	77.1	78.84	26.343	0.34997
"2012-05-10	07:00:00"	11.18	69.48	18.17	17.7	8.96	70.9	18.7	15.31	61.33	63.26	-1.931	78.03	73.84	26.317	0.33933
"2012-05-10	08:00:00"	11.07	76.7	9.5	17.1	8.84	77.5	10.29	14.72	60.74	62.39	-1.65	78.76	74.55	26.311	2.7929
"2012-05-10	09:00:00"	7.786	103.4	20.4	15.31	6.409	105.9	21.85	11.74	61.39	62.67	-1.274	78.47	75.23	26.341	4.0167
"2012-05-10	10:00:00"	10.34	56.42	23.09	18.89	8.42	58.23	22.8	15.91	60.77	62.4	-1.63	79.84	76.77	26.336	14.037
"2012-05-10	11:00:00"	13.98	66.52	10.8	21.28	11.17	69.18	11.59	17.1	59.21	61.23	-2.019	83.2	77.84	26.323	57.885
"2012-05-10	12:00:00"	14.35	76.27	11.15	20.09	11.54	76.74	11.69	17.1	59.35	61.66	-2.307	82.1	76.22	26.284	157.7
"2012-05-10	13:00:00"	14.68	110.3	20.53	25.45	11.94	111.6	21.57	21.28	62.04	64.42	-2.379	77.25	71.34	26.293	246.26
"2012-05-10	14:00:00"	13.87	133.7	17.14	21.28	11.27	134.8	17.79	17.7	63.42	64.88	-1.464	72.38	69.34	26.274	470.46
"2012-05-10	15:00:00"	8.25	116.2	18.8	13.52	7.168	117.7	19.65	12.33	66.61	68.39	-1.783	61.57	59.1	26.254	445.86
"2012-05-10	16:00:00"	7.863	108.4	19.09	15.31	6.685	109.4	20.38	13.52	68.37	70.92	-2.548	58.31	54.02	26.251	324.93
"2012-05-10	17:00:00"	12.87	84.4	8.44	18.89	10.36	84.9	9.49	16.51	64.54	67.55	-3.003	67.66	62.3	26.243	82.108
"2012-05-10	18:00:00"	11.24	96.5	24.57	29.03	9.11	95.6	25	22.47	60.46	61.49	-1.032	75.24	76.28	26.248	25.768
"2012-05-10	19:00:00"	5.737	76.09	18.53	9.95	4.444	77.67	18.3	9.35	60.3	60.64	-0.342	79.34	81.7	26.248	33.161
"2012-05-10	20:00:00"	2.49	77.52	26.41	8.75	3.476	78.88	27.48	7.561	60.63	60.89	-0.267	75.88	78.87	26.254	15.5
"2012-05-10	21:00:00"	2.945	32.19	22.3	6.368	2.835	28.43	27.17	5.771	60.22	60.89	-0.662	77.88	79.68	26.254	2.6142

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-10	22:00:00"	4.028	91.3	14.31	6.368	3.192	90.9	15.99	5.175	61.42	61.67	-0.244	78.75	80.6	26.262	0.04975	0
"2012-05-10	23:00:00"	4.54	64.31	16.13	7.561	3.652	63.68	17.28	6.368	62.38	62.52	-0.134	78.73	79.95	26.267	0.31577	0.01
"2012-05-11	00:00:00"	8.46	57.27	12.33	12.93	6.618	59.03	13.66	10.54	61.72	62.94	-1.218	78.04	75	26.267	0.1504	0
"2012-05-11	01:00:00"	7.098	44.94	8.33	11.14	5.649	46.96	9.72	9.35	60.33	62.65	-2.328	80.2	73.42	26.269	0	0
"2012-05-11	02:00:00"	6.082	42.33	17.28	8.75	4.765	43.38	20.58	7.561	61	63.08	-2.079	78.98	72.2	26.268	0	0
"2012-05-11	03:00:00"	8.73	15.02	8.33	12.33	6.884	14.13	14.56	11.74	58.99	62.79	-3.796	81.7	73.11	26.267	0.41869	0
"2012-05-11	04:00:00"	7.634	20.73	7.726	9.95	6.056	21.67	12.38	9.35	58.77	62.44	-3.663	83.1	73.55	26.263	0.68242	0.01
"2012-05-11	05:00:00"	7.18	24.16	10.47	10.54	5.554	24.91	14.43	8.75	59.24	62.5	-3.261	81.8	72.04	26.266	0.36695	0
"2012-05-11	06:00:00"	7.786	6.987	8.44	10.54	5.76	4.109	15.8	8.75	58.72	62.34	-3.618	80.1	71.32	26.268	0.29094	0
"2012-05-11	07:00:00"	6.771	7.986	10.59	11.14	4.711	6.48	16.19	9.95	57.96	60.15	-2.188	80.6	72.37	26.276	0.87737	0
"2012-05-11	08:00:00"	5.73	13.38	7.886	8.16	3.795	14.88	14.93	7.561	57.6	59.12	-1.521	80.8	76.06	26.295	57.886	0
"2012-05-11	09:00:00"	5.784	359.7	12.31	8.75	4.681	357.3	16.85	6.964	59.46	61.51	-2.05	79.78	72.93	26.318	115.06	0
"2012-05-11	10:00:00"	6.008	336	18.23	9.95	4.915	336	19.5	9.95	63.73	64.65	-0.925	72.68	67.39	26.337	398.81	0
"2012-05-11	11:00:00"	9.16	353.7	16.53	16.51	7.593	351.5	18.23	14.12	66.65	69.44	-2.783	60.98	55.36	26.354	491.06	0
"2012-05-11	12:00:00"	12.51	349.5	13.64	18.3	10.33	347.3	13.85	17.1	65.48	68.28	-2.803	57.99	52.73	26.37	322.27	0
"2012-05-11	13:00:00"	10.26	339.6	15.92	18.89	8.31	339.6	18.48	17.1	68.4	70.92	-2.517	55.8	50.61	26.385	510.18	0
"2012-05-11	14:00:00"	8.87	349.8	21.98	16.51	7.229	348	24.53	14.72	70.18	72.9	-2.721	53.25	48.02	26.385	349.84	0
"2012-05-11	15:00:00"	12.45	343.3	14.75	17.7	10.01	342.1	14.8	15.91	70.1	73.48	-3.381	53.69	47.85	26.386	463.68	0
"2012-05-11	16:00:00"	13.01	357.9	15.33	25.45	10.71	355.2	15.94	20.68	68.99	72.21	-3.218	55.57	50.48	26.385	498.41	0
"2012-05-11	17:00:00"	16.12	6.15	13.62	24.26	12.86	3.272	17.37	21.87	69.32	73.3	-3.982	51.88	45.96	26.379	265.9	0
"2012-05-11	18:00:00"	14.82	24.78	13.82	23.66	11.89	25.7	17.43	22.47	68.34	72.18	-3.84	52.99	46.48	26.385	201.28	0
"2012-05-11	19:00:00"	14.85	35.98	10.45	21.87	12.34	37.63	12.93	20.09	69.04	72.6	-3.566	53.04	46.48	26.391	367.12	0
"2012-05-11	20:00:00"	12.33	30.18	11.91	18.3	9.96	31.34	15.67	15.91	68.74	72.36	-3.621	55.82	48.58	26.401	186.31	0
"2012-05-11	21:00:00"	15.24	23.45	7.183	22.47	12.23	24.41	11.69	20.68	66.36	69.73	-3.363	57.55	50.36	26.423	21.767	0
"2012-05-11	22:00:00"	15.87	27.2	6.657	22.47	12.89	28.46	10.11	20.09	61.51	64.57	-3.057	71.7	63.35	26.465	0	0
"2012-05-11	23:00:00"	13.06	30.17	6.946	18.89	10.72	32.06	9.84	15.91	59.69	62.88	-3.19	73.43	64.56	26.505	0	0
"2012-05-12	00:00:00"	15.4	33.94	6.814	23.07	12.54	35.93	9.34	20.09	57.95	60.93	-2.981	75.48	66.66	26.524	0	0
"2012-05-12	01:00:00"	12.55	32.75	8.47	20.09	10.22	34.49	11.09	17.7	57	59.82	-2.814	76.51	68.05	26.529	0	0
"2012-05-12	02:00:00"	9.41	15.31	14.61	14.12	7.385	14.12	18.53	12.33	57.21	59.79	-2.586	76.47	68.73	26.543	0	0
"2012-05-12	03:00:00"	7.748	349	16.15	11.74	5.81	344.9	15.82	9.35	58.59	58.92	-0.324	75.88	70.71	26.549	0	0
"2012-05-12	04:00:00"	9.51	1.648	13.84	14.72	7.317	358.4	14.75	12.93	57.24	59.26	-2.025	75.22	70.32	26.543	0	0
"2012-05-12	05:00:00"	10.89	15.48	7.489	15.31	8.36	13.95	13.88	12.93	54.52	58.21	-3.686	79.03	70.63	26.552	0	0
"2012-05-12	06:00:00"	10.05	17.16	6.031	14.12	7.681	15.87	12.96	11.74	53.23	56.93	-3.694	81.4	71.95	26.567	0	0
"2012-05-12	07:00:00"	8.71	18.86	6.717	12.33	6.361	17.73	12.79	9.95	52.7	56.48	-3.775	82.2	72.11	26.578	1.0149	0
"2012-05-12	08:00:00"	6.848	6.577	11.63	11.14	4.958	1.035	14.24	9.35	54.42	56.37	-1.95	81.6	73.29	26.605	68.85	0
"2012-05-12	09:00:00"	9.02	25.28	12.94	14.12	7.255	25.95	17.33	13.52	56.23	60.15	-3.914	76.24	66.67	26.636	164.31	0
"2012-05-12	10:00:00"	9.63	30.43	12.81	13.52	7.886	32.21	15.85	12.93	57.68	61.82	-4.146	70.89	61.35	26.652	237.06	0
"2012-05-12	11:00:00"	10.07	46.08	13.93	16.51	8.44	47.32	15.82	14.72	60.38	64.14	-3.768	64.94	56.31	26.657	300.14	0
"2012-05-12	12:00:00"	10.37	57.5	14.2	16.51	8.48	59.78	15.42	14.72	62.32	65.52	-3.202	61.45	54.35	26.662	309.06	0
"2012-05-12	13:00:00"	8.68	61.14	22.82	15.91	7.258	63.15	23.85	14.12	65.56	68.62	-3.061	55.25	49.35	26.66	529.57	0
"2012-05-12	14:00:00"	7.759	43.37	32.26	19.49	6.571	45.01	34.98	17.1	69.66	72.99	-3.323	48.21	42.82	26.643	698.41	0
"2012-05-12	15:00:00"	8.92	66.6	29.3	17.7	7.511	67.83	30.83	14.72	72.23	76.17	-3.932	42.84	37.39	26.619	840.81	0
"2012-05-12	16:00:00"	8.87	70.61	37.11	17.7	7.576	72.24	38.96	15.91	74.31	78.33	-4.023	38.99	34.2	26.6	898.87	0
"2012-05-12	17:00:00"	7.522	79.06	28.75	15.91	6.299	81	30.19	14.72	76.7	80.1	-3.444	36.03	31.76	26.581	737.98	0
"2012-05-12	18:00:00"	8.12	76.17	26.43	15.91	6.864	78.54	29.25	13.52	77.91	80.9	-3.011	34.69	30.8	26.563	589.52	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-12	19:00:00"	8.72	82.2	24.01	14.12	7.261	83.9	25.54	12.93	77.69	80.7	-2.972	34.88	31.05	26.552	403.08	0
"2012-05-12	20:00:00"	9.88	84.4	12.33	15.31	8.14	85.1	13.21	13.52	76.47	79	-2.53	36.49	33.04	26.552	172.27	0
"2012-05-12	21:00:00"	9.35	82.8	10.12	13.52	7.13	84.1	11.01	11.14	73.72	75.81	-2.087	40.53	37.33	26.566	22.002	0
"2012-05-12	22:00:00"	8.62	83.3	7.544	12.33	6.213	83.2	8.87	9.95	70.31	72.38	-2.068	47.68	44.14	26.59	0	0
"2012-05-12	23:00:00"	6.819	77.59	6.449	9.35	4.477	76.96	8.55	6.964	68.89	69.67	-0.775	51.84	49.59	26.618	0	0
"2012-05-13	00:00:00"	6.167	53.92	7.461	8.16	3.76	53.94	9.34	6.368	67.35	67.44	-0.09	54.84	53.49	26.643	0	0
"2012-05-13	01:00:00"	8.35	93.2	19.78	13.52	5.251	94.2	20.92	10.54	66	66.92	-0.925	57.6	55.3	26.636	0	0
"2012-05-13	02:00:00"	9.61	122.2	10.1	14.12	7.161	122.5	11.78	11.14	64.47	64.66	-0.183	63.71	61.88	26.622	0	0
"2012-05-13	03:00:00"	6.543	138.5	15.59	11.14	4.892	139.4	15.18	8.16	64.66	64.21	0.45	66.2	65.59	26.624	0	0
"2012-05-13	04:00:00"	4.114	152.3	14.75	7.561	2.593	145.5	18.34	5.175	63.9	61.39	2.506	68.27	71.75	26.627	0	0
"2012-05-13	05:00:00"	7.233	147.7	17.92	11.14	5.297	146.9	20.66	8.75	63.78	62.42	1.36	68.49	70.64	26.62	0	0
"2012-05-13	06:00:00"	4.871	121.5	34.58	7.561	3.129	101.5	50.3	5.771	62.78	60.29	2.489	69.66	73.3	26.63	0	0
"2012-05-13	07:00:00"	3.626	55.85	43.07	5.771	2.318	35.97	47.44	4.578	59.05	58.21	0.832	77.15	76.32	26.641	0.78351	0
"2012-05-13	08:00:00"	4.897	66.47	54.07	11.74	3.719	60.47	59.07	9.35	60.23	60.63	-0.4	78.24	75.94	26.646	26.035	0
"2012-05-13	09:00:00"	9.58	128.2	10.58	15.31	7.66	130.1	11.58	13.52	63.41	64.14	-0.735	72.2	69.42	26.649	269.27	0
"2012-05-13	10:00:00"	12.17	118.5	13.62	17.1	9.95	119.8	15.28	15.31	65.72	67.76	-2.042	62.94	58.01	26.655	452.9	0
"2012-05-13	11:00:00"	13.35	123.5	11.19	19.49	10.95	125.6	12.89	17.7	67.28	69.61	-2.335	58.41	53.15	26.644	590.21	0
"2012-05-13	12:00:00"	13.49	137.6	12.55	21.28	11.22	138.1	12.98	20.09	69.48	71.26	-1.784	52.65	48.62	26.64	738.34	0
"2012-05-13	13:00:00"	8.51	139.6	23.74	20.09	7.22	141.2	25.22	17.7	72.82	74.12	-1.3	45.74	42.64	26.655	544.67	0
"2012-05-13	14:00:00"	5.478	77	47.8	11.14	4.585	80.2	52.74	9.95	74.73	76.8	-2.066	43.11	39.42	26.646	278.05	0
"2012-05-13	15:00:00"	10.68	74.45	18.38	21.87	8.86	75.7	19.2	18.3	74.52	77.36	-2.838	43.14	39.32	26.604	600.9	0
"2012-05-13	16:00:00"	13.34	101.2	12.8	29.63	10.91	102.2	14.86	24.86	74.53	77.59	-3.057	40.74	36.33	26.569	363.34	0
"2012-05-13	17:00:00"	15.37	107.5	12.46	20.68	12.54	109	14.64	18.3	74.54	77.11	-2.571	41.86	38.26	26.53	617.59	0
"2012-05-13	18:00:00"	12.97	99.7	16	22.47	10.52	101.2	17.02	18.89	75.86	78.32	-2.451	37.95	34.28	26.519	213.83	0
"2012-05-13	19:00:00"	14.7	75.19	9.78	21.87	11.87	76.43	10.44	17.7	74.46	77.03	-2.57	40.06	36.15	26.515	200.68	0
"2012-05-13	20:00:00"	14.78	82.1	8.19	20.68	11.85	82.6	9.33	18.3	72.42	75.12	-2.7	42.46	37.91	26.511	87.491	0
"2012-05-13	21:00:00"	12.86	79	8.12	18.3	10.18	79.28	8.95	15.31	70.89	72.98	-2.088	45.34	41.04	26.521	10.691	0
"2012-05-13	22:00:00"	11.95	42.15	19.92	17.7	9.46	43.2	22.04	15.91	68.68	70.99	-2.318	53.51	48.62	26.558	0.00134	0.02
"2012-05-13	23:00:00"	9.77	38.57	17.06	17.1	7.581	40.89	19.39	14.72	64.19	67	-2.807	72.58	66.16	26.598	0	0.07
"2012-05-14	00:00:00"	7.34	128.1	33.71	15.31	5.518	129.4	35.71	12.93	65	65.67	-0.671	71.4	69.16	26.583	0	0.01
"2012-05-14	01:00:00"	8.89	167.6	20.92	14.72	7.249	169.4	23.65	12.93	66.4	64.92	1.48	67.24	70.34	26.562	0	0
"2012-05-14	02:00:00"	7.64	175.3	54.86	18.3	5.811	176.4	60.29	15.31	65.99	65.19	0.804	66.3	68.8	26.562	0	0
"2012-05-14	03:00:00"	7.702	21.68	22.64	18.3	5.847	19.01	27.64	16.51	63.93	64.81	-0.878	72.16	70.17	26.557	0	0
"2012-05-14	04:00:00"	8.27	81.5	31.44	15.91	6.356	83.9	33.09	12.93	63.86	65.76	-1.899	73.32	67.88	26.517	0	0
"2012-05-14	05:00:00"	5.842	102.1	58.95	11.14	4.06	111.6	63.12	8.16	63.3	64.16	-0.857	72.97	69.34	26.501	0	0.01
"2012-05-14	06:00:00"	4.183	267	47.03	6.964	2.56	278.2	47.23	5.175	61.88	61.86	0.013	76.15	74.68	26.524	0	0
"2012-05-14	07:00:00"	4.743	330.9	12.92	7.561	3.222	332.7	15.15	5.771	63.48	62.02	1.458	78.61	76.38	26.531	0.35707	0
"2012-05-14	08:00:00"	7.678	326.6	9.09	11.74	5.712	328.3	10.65	9.95	64.78	64.74	0.041	76.72	73.68	26.56	11.231	0
"2012-05-14	09:00:00"	9.25	4.343	20.67	13.52	7.249	3.83	22.06	11.74	62.8	65.59	-2.798	77.82	70.85	26.575	26.544	0
"2012-05-14	10:00:00"	6.43	45.78	67.83	12.33	5.056	47.63	71.74	10.54	63.12	65.16	-2.031	79.61	73.22	26.572	97.661	0.03
"2012-05-14	11:00:00"	8.72	133.1	49.28	19.49	7.313	135.3	51.79	17.1	64	65.63	-1.632	77.12	72.05	26.539	85.529	0.02
"2012-05-14	12:00:00"	7.323	287.7	41.6	15.91	5.119	291.7	40.84	12.93	64.33	65.18	-0.846	74.06	70.8	26.575	21.711	0
"2012-05-14	13:00:00"	7.258	260.3	16.53	12.93	5.655	265.6	18.64	11.14	65.57	66.63	-1.061	71.73	67.48	26.581	75.614	0
"2012-05-14	14:00:00"	9.96	187.9	39.73	20.09	7.986	186.7	39.89	17.7	65.41	65.39	0.016	65.99	66.68	26.546	97.139	0
"2012-05-14	15:00:00"	9.38	3.2	91.9	23.07	7.541	358.9	94.1	19.49	67.15	68.85	-1.698	57	55.04	26.507	648.8	0.01

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-14	16:00:00"	9.6	270.5	33.95	15.31	7.466	273.8	35.46	13.52	72.49	75.2	-2.711	44.57	41.46	26.506	713.93	0	
"2012-05-14	17:00:00"	14.03	345.3	28.31	27.84	10.87	344.8	27.24	24.86	69.06	73.14	-4.08	50.89	44.38	26.508	294.99	0	
"2012-05-14	18:00:00"	17.41	10.94	8.5	24.26	13.81	8.2	14.4	21.87	60.43	64.65	-4.218	67.52	59.6	26.517	77.653	0	
"2012-05-14	19:00:00"	14.68	27.9	14.04	21.87	11.96	28.59	17.81	18.3	59.66	63.76	-4.099	72.5	64.06	26.511	95.737	0	
"2012-05-14	20:00:00"	11.92	45.73	9.89	18.89	9.84	48.12	11.08	17.1	59.7	62.72	-3.016	71.35	63.84	26.508	45.902	0	
"2012-05-14	21:00:00"	8.1	25.95	13.63	12.93	6.481	25.97	17.88	11.74	60.78	64.1	-3.324	71.44	63.24	26.524	16.576	0	
"2012-05-14	22:00:00"	7.106	34.43	11.77	12.33	5.592	33.86	16.44	9.35	60.02	62.51	-2.498	74.38	66.05	26.535	0	0	
"2012-05-14	23:00:00"	6.353	4.584	10.87	8.75	4.426	356.9	15.58	6.964	59.88	60.3	-0.414	75.08	71.55	26.558	0	0	
"2012-05-15	00:00:00"	6.657	11.69	9.22	9.95	4.644	6.215	13.15	7.561	57.68	60.31	-2.627	78.9	72.18	26.564	0	0	
"2012-05-15	01:00:00"	9.29	352.6	11.42	12.93	6.979	348.8	11.51	11.74	60.07	60	0.074	77.84	74.5	26.551	0	0	
"2012-05-15	02:00:00"	7.431	10.26	10.91	9.95	5.261	6.501	14.8	8.16	58.13	60.3	-2.175	77.54	72.95	26.541	0	0	
"2012-05-15	03:00:00"	8.05	14.11	6.672	9.95	5.604	12.06	13.4	8.16	55.8	59.29	-3.497	81.4	72.48	26.533	0	0	
"2012-05-15	04:00:00"	8.23	13.14	8.14	11.14	5.889	10.35	14.61	9.95	54.96	58.65	-3.685	82.6	72.52	26.532	0	0	
"2012-05-15	05:00:00"	7.178	359.8	10.53	9.35	4.778	354.7	12.05	6.964	56.09	57.25	-1.151	81.8	74.35	26.53	0	0	
"2012-05-15	06:00:00"	6.537	343.5	17.99	8.75	4.129	339.2	18.35	6.368	56.77	55.41	1.367	79.8	75.95	26.539	0	0	
"2012-05-15	07:00:00"	6.837	356.7	10.13	8.75	4.506	351	12.11	6.368	55.84	54.87	0.971	79.85	76.62	26.548	0.80148	0	
"2012-05-15	08:00:00"	8.05	2.661	10.6	11.74	5.908	358.8	13.66	10.54	55.64	57.29	-1.647	78.82	75.91	26.565	73.409	0	
"2012-05-15	09:00:00"	9	15.12	7.106	11.74	7.357	14.14	13.18	10.54	57.86	62.27	-4.415	76.71	67.5	26.577	259.37	0	
"2012-05-15	10:00:00"	6.245	16.68	13.76	9.95	5.3	17.34	18.2	9.35	63.34	67.79	-4.442	66.89	58.05	26.587	467.79	0	
"2012-05-15	11:00:00"	3.842	16.25	53.98	8.16	3.515	15.69	58.03	8.75	70.58	72.89	-2.308	51.64	46.41	26.596	676.98	0	
"2012-05-15	12:00:00"	3.762	330.9	73.35	10.54	3.36	324.6	80.5	11.74	74.37	77.22	-2.85	44.98	40.22	26.593	789.42	0	
"2012-05-15	13:00:00"	4.154	302.9	50.7	10.54	4.193	303.2	51.91	9.35	75.48	78.54	-3.06	40.51	35.88	26.582	668.09	0	
"2012-05-15	14:00:00"	3.217	251.5	84.3	8.75	3.528	243.7	84.2	8.75	77.16	80.2	-3.019	37.1	33.09	26.569	782.45	0	
"2012-05-15	15:00:00"	4.058	15.73	74.03	10.54	3.884	11.39	81	10.54	80.2	82.5	-2.258	31.13	27.97	26.557	813.4	0	
"2012-05-15	16:00:00"	3.498	196.3	96.1	11.74	3.741	181.9	91.2	9.35	82	84.8	-2.709	27.55	24.22	26.54	804.18	0	
"2012-05-15	17:00:00"	5.39	53.9	65.2	12.33	4.796	57.26	67.56	11.14	83.5	86.8	-3.314	24.45	21.13	26.525	855.23	0	
"2012-05-15	18:00:00"	5.247	51.43	49.28	11.14	4.638	53.48	52.19	11.74	83.9	87.1	-3.124	23.07	19.73	26.512	610	0	
"2012-05-15	19:00:00"	5.658	17.27	54.47	15.31	4.866	20.67	61.99	14.12	82.7	85.3	-2.675	23.12	20.15	26.506	413.81	0	
"2012-05-15	20:00:00"	6.057	42.39	31.24	11.14	5.114	43.8	35.3	11.14	81.5	84.1	-2.694	24.17	21.2	26.504	196.58	0	
"2012-05-15	21:00:00"	5.172	92.1	13.13	8.75	3.375	93.2	13.84	6.964	78.19	79.54	-1.344	26.95	26.1	26.512	30.324	0	
"2012-05-15	22:00:00"	8.07	113.7	8.88	9.95	4.623	113.5	11.79	6.964	74.01	74.03	-0.026	32.58	34.12	26.527	0.01025	0	
"2012-05-15	23:00:00"	7.089	129.1	11.29	9.95	4.406	125.5	18.29	6.368	71.37	70.29	1.082	37.75	39.37	26.541	0	0	
"2012-05-16	00:00:00"	5.687	134.5	19.81	10.54	3.286	127.4	31.66	6.368	70.71	67.92	2.787	39.01	42.59	26.553	0	0	
"2012-05-16	01:00:00"	4.83	178	34.94	8.16	2.879	182.7	42.73	7.561	70.54	65.89	4.655	40.01	47.02	26.556	0	0	
"2012-05-16	02:00:00"	4.515	235	16.81	8.16	2.668	242	19.75	5.771	69.07	64.81	4.262	43.27	49.54	26.554	0	0	
"2012-05-16	03:00:00"	4.574	235.2	37.24	7.561	2.943	251.8	66.7	5.771	68.95	64.69	4.263	43.89	50.7	26.544	0	0	
"2012-05-16	04:00:00"	4.917	238.6	21.37	8.16	3.121	246.8	30.02	6.368	67.12	63.66	3.456	46.56	51.49	26.531	0	0	
"2012-05-16	05:00:00"	6.053	272.9	16.85	8.16	2.967	282.3	17.2	5.771	65.49	62.96	2.524	51.63	53.92	26.53	0	0	
"2012-05-16	06:00:00"	7.722	303.6	3.526	9.95	2.039	311.5	7.981	5.175	60.59	59.39	1.204	62.79	60.59	26.531	0	0	
"2012-05-16	07:00:00"	9.48	308.3	2.947	11.74	5.073	318.3	6.326	6.964	59.45	61.76	-2.304	68.12	61.7	26.535	1.2946	0	
"2012-05-16	08:00:00"	9.5	304	3.909	11.74	4.978	312	7.607	7.561	60.83	64.78	-3.944	66.1	57.19	26.543	78.15	0	
"2012-05-16	09:00:00"	8.71	296.1	9.27	11.74	5.263	298.9	12.27	8.75	66.87	71.87	-4.998	55.26	45.34	26.554	272.08	0	
"2012-05-16	10:00:00"	8.39	274.4	9.96	14.12	6.434	277.4	12.23	12.33	72.52	76.99	-4.472	45.71	38.27	26.561	486.14	0	
"2012-05-16	11:00:00"	9.01	262.7	23.41	14.72	6.999	266.6	25.74	12.93	77.62	81.1	-3.522	32.94	28.59	26.562	687.05	0	
"2012-05-16	12:00:00"	7.061	208.6	54.66	15.91	5.9	210.9	60.23	12.93	81.7	83.8	-2.114	26.22	23.47	26.561	853.9	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-16	13:00:00"	7.018	209.7	43.24	15.31	6.048	211	44.87	17.1	83.8	85.3	-1.517	22.92	20.85	26.55	962.58	0
"2012-05-16	14:00:00"	7.707	199.1	53.23	16.51	6.554	200.7	59.76	14.12	85.7	87.5	-1.799	21.69	19.47	26.529	1010.1	0
"2012-05-16	15:00:00"	6.832	193.2	48.22	15.91	5.918	190.3	50.01	14.12	86.7	88.7	-1.997	19.61	17.37	26.508	984.02	0
"2012-05-16	16:00:00"	8.13	205.4	38.83	15.31	6.878	208.7	45.42	14.12	88	89.8	-1.834	18.22	16.15	26.485	937.81	0
"2012-05-16	17:00:00"	8.66	207.4	28	16.51	7.327	207.7	34.4	15.31	88.1	89.9	-1.795	17.8	15.75	26.461	812.28	0
"2012-05-16	18:00:00"	8.12	187.1	36.45	16.51	6.84	187	39.65	14.12	88	90	-1.984	18.71	16.51	26.442	631.35	0
"2012-05-16	19:00:00"	8.07	185.3	26.83	14.72	6.73	185	30.59	14.12	88.1	88.9	-0.783	19	17.48	26.431	424.94	0
"2012-05-16	20:00:00"	8.77	176.8	21.38	15.31	7.289	175.7	23.06	13.52	87	87	0.021	19.47	18.53	26.425	208	0
"2012-05-16	21:00:00"	8.76	158.3	9.39	14.72	7.248	157.4	9.62	11.74	83.8	82.7	1.085	21.32	21.15	26.437	33.532	0
"2012-05-16	22:00:00"	9.58	173.3	9.42	15.91	7.428	170.8	10.35	12.93	80.3	78.99	1.311	25.9	26.53	26.449	0.00776	0
"2012-05-16	23:00:00"	10.47	170.3	7.522	14.12	7.92	167.8	8.94	11.14	76.52	75.77	0.757	30.09	30.74	26.461	0	0
"2012-05-17	00:00:00"	9.52	167.3	8.29	13.52	7.24	166.4	9.91	11.74	74.43	73.29	1.145	31.66	32.81	26.468	0	0
"2012-05-17	01:00:00"	7.734	161.9	8.64	11.74	5.744	157	8.61	9.35	74.11	71.31	2.799	32.68	35.4	26.462	0	0
"2012-05-17	02:00:00"	9.3	159.6	8.11	15.91	7.25	157.2	8.38	12.93	72.64	70.34	2.293	35.8	38.35	26.449	0	0
"2012-05-17	03:00:00"	10.03	168.1	9.38	14.72	7.686	167.3	10.03	12.33	70.02	68.64	1.373	40.06	42.46	26.442	0	0
"2012-05-17	04:00:00"	6.611	188.2	10.03	11.74	4.614	190.1	14.03	9.35	68.29	66.55	1.745	43.62	45.93	26.439	0	0
"2012-05-17	05:00:00"	4.287	200.2	18.99	7.561	2.292	202.5	26.14	5.771	65.87	63.32	2.551	47.86	51.38	26.441	0	0
"2012-05-17	06:00:00"	3.186	186	20.94	5.771	1	176.7	37.59	1	63.49	60.24	3.249	52.9	58.2	26.443	0	0
"2012-05-17	07:00:00"	5.925	174.4	7.863	8.16	3.878	175.9	10.58	6.368	66.07	61.67	4.401	49.17	56.8	26.44	1.4559	0
"2012-05-17	08:00:00"	5.633	165.9	9.44	9.35	3.912	165.6	10.74	6.964	66.89	63.48	3.416	47.56	53.36	26.444	84.352	0
"2012-05-17	09:00:00"	8.93	183.3	10.87	17.7	7.169	181.9	12.93	17.1	71.2	69.75	1.45	41.99	44.46	26.448	277.86	0
"2012-05-17	10:00:00"	16.97	179.1	9.04	27.24	13.63	177.8	11.71	23.66	74.3	74.19	0.107	36.46	36.51	26.449	491.1	0
"2012-05-17	11:00:00"	18.08	184.3	10.34	26.65	14.38	184.4	14.59	22.47	76.76	77.08	-0.324	33.12	32.58	26.446	687	0
"2012-05-17	12:00:00"	17.29	179.9	10.39	24.26	14.01	179.1	13.67	21.87	79.6	80.1	-0.527	28.47	27.63	26.43	850.51	0
"2012-05-17	13:00:00"	15.85	174.5	13.64	24.86	12.97	173.8	15.39	21.87	83.1	83.9	-0.813	24.54	23.39	26.414	954.88	0
"2012-05-17	14:00:00"	14.28	178.6	14.63	23.07	11.8	177.3	16.86	19.49	86.2	87.1	-0.944	20.56	19.28	26.393	998.93	0
"2012-05-17	15:00:00"	12.09	188.1	20.71	21.28	9.96	188	23.61	18.3	88.9	90.3	-1.438	17.2	15.61	26.367	968.19	0
"2012-05-17	16:00:00"	11.92	184.1	23.98	22.47	9.86	184	26.82	20.09	90.7	92.3	-1.62	15.41	13.68	26.341	920.94	0
"2012-05-17	17:00:00"	13.44	179.4	15.84	24.26	11.16	179.2	18.29	21.28	90.8	91.8	-0.981	16.13	14.76	26.313	792.82	0
"2012-05-17	18:00:00"	14.69	176.2	14.53	24.86	12.07	175.4	16.37	21.28	91.1	91.9	-0.799	16.5	15.22	26.29	618.91	0
"2012-05-17	19:00:00"	16.01	176.2	10.49	24.26	12.96	175	12.7	20.09	90.1	90.2	-0.14	17.45	16.52	26.279	392.39	0
"2012-05-17	20:00:00"	16.37	172.8	9.8	23.66	13.07	172.4	11.45	19.49	88.7	88.5	0.191	18.85	18.13	26.27	170.17	0
"2012-05-17	21:00:00"	13.27	163.4	9.34	21.87	10.89	163.4	10.81	19.49	85.6	84.9	0.678	22.54	22.12	26.268	34.152	0
"2012-05-17	22:00:00"	12.36	156.1	9.4	19.49	10.23	155	9.46	18.3	81.5	80.6	0.934	26.59	26.4	26.271	0.02069	0
"2012-05-17	23:00:00"	13.63	162.8	9.73	19.49	11.11	162.7	10.68	17.7	78.55	77.48	1.071	30.83	31.16	26.28	0	0
"2012-05-18	00:00:00"	16.52	168.1	7.725	23.66	13.42	168.2	9.35	21.28	76.66	75.34	1.315	33.37	34.28	26.29	0	0
"2012-05-18	01:00:00"	19.17	171	6.824	25.45	15.33	170.7	8.9	22.47	74.62	73.22	1.398	37.11	38.47	26.287	0	0
"2012-05-18	02:00:00"	18.73	175.6	6.886	26.05	15.02	174.5	9.05	22.47	72.93	71.64	1.29	40.78	42.6	26.279	0	0
"2012-05-18	03:00:00"	17.55	176.7	6.929	23.66	14	175.5	9.32	20.09	71.57	70.35	1.216	43.51	45.5	26.268	0	0
"2012-05-18	04:00:00"	15.15	180	7.972	21.87	12.06	179.4	10.46	17.1	70.39	69.45	0.944	46.72	48.46	26.259	0	0
"2012-05-18	05:00:00"	12.58	184	9.34	20.09	10	183.6	11.93	17.1	69.37	68.62	0.753	50.37	51.83	26.255	0	0
"2012-05-18	06:00:00"	10.24	187.9	10.06	15.91	7.997	188.9	13.43	13.52	68.65	68.14	0.515	53.16	54.12	26.248	0	0
"2012-05-18	07:00:00"	10.36	192	9.48	17.1	7.942	193.6	13.07	12.93	67.78	66.9	0.881	54.92	56.86	26.244	1.2342	0
"2012-05-18	08:00:00"	8.14	194.8	9.8	13.52	6.347	197.2	11.85	10.54	67.82	66.85	0.964	56.57	58.36	26.253	74.635	0
"2012-05-18	09:00:00"	11.31	188.8	9.65	16.51	9.05	189.5	13.71	14.72	71.18	70.96	0.216	50.73	51.24	26.258	264.31	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-18	10:00:00"	13.11	201.3	11.41	17.7	10.62	201.3	13.69	15.91	75.51	75.75	-0.238	42.44	41.9	26.261	478.72	0	
"2012-05-18	11:00:00"	12.31	212.9	13.34	18.3	10.21	211.5	16.99	16.51	80.9	82	-1.106	34.47	32.53	26.26	682.04	0	
"2012-05-18	12:00:00"	11.32	221.5	15.85	19.49	9.27	223.3	19.67	15.91	87	87.9	-0.939	27.14	25.26	26.255	847.94	0	
"2012-05-18	13:00:00"	10.9	217.8	18.49	19.49	9.28	219.9	21.39	17.1	92.4	93.8	-1.448	22.53	20.34	26.246	953.78	0	
"2012-05-18	14:00:00"	12.49	203.1	18.44	21.28	10.32	202.5	22.21	17.1	95.7	97.1	-1.45	17.92	16.03	26.229	994.63	0	
"2012-05-18	15:00:00"	13.44	216.5	21.03	24.26	11.12	218	24.79	20.68	98.4	100.1	-1.66	11.84	10	26.206	967.26	0	
"2012-05-18	16:00:00"	16.98	219.8	19.02	30.82	13.96	220.8	23.28	26.05	98.8	100.2	-1.45	10.32	8.57	26.187	922.3	0	
"2012-05-18	17:00:00"	18.91	222.5	18.31	30.22	15.68	222.7	22.15	28.43	98.5	99.7	-1.123	9.83	8.08	26.165	798.9	0	
"2012-05-18	18:00:00"	17.77	225.3	17.67	32.01	14.61	226.9	21.43	26.05	99	100	-0.961	9.52	7.798	26.148	622.74	0	
"2012-05-18	19:00:00"	16.71	214.5	16.5	29.63	13.59	213.9	19.55	26.65	98.8	99.4	-0.665	9.3	7.652	26.139	414.03	0	
"2012-05-18	20:00:00"	20.87	184.6	17.29	31.42	16.78	183	17.55	28.43	95.1	95.5	-0.404	19.4	18.24	26.139	199.55	0	
"2012-05-18	21:00:00"	19.84	172.8	6.401	28.43	16.04	172	8.91	23.07	88.4	87.6	0.84	30.8	30.94	26.162	25.107	0	
"2012-05-18	22:00:00"	15.83	171.2	7.557	25.45	12.7	170.8	9.87	21.28	84.6	83.7	0.87	36.73	37.33	26.186	0.01695	0	
"2012-05-18	23:00:00"	16.85	174.7	7.707	25.45	13.49	174.5	10	21.87	81.1	80.1	0.97	42.85	44.23	26.205	0	0	
"2012-05-19	00:00:00"	19.16	175	6.817	29.63	15.41	174.4	9.19	26.65	78.26	77.16	1.099	48.48	50.44	26.216	0	0	
"2012-05-19	01:00:00"	18.57	174.5	7.184	26.65	14.85	174.2	9.39	22.47	76.48	75.25	1.227	50.69	53.01	26.215	0	0	
"2012-05-19	02:00:00"	18.03	177.3	7.605	26.65	14.4	176.8	9.95	22.47	75.3	74.17	1.126	49.05	51.14	26.22	0	0	
"2012-05-19	03:00:00"	17.86	177.2	8.51	26.05	14.2	176.6	11.29	23.07	74.14	72.88	1.256	48.16	50.44	26.218	0	0	
"2012-05-19	04:00:00"	13.32	182.4	9.74	21.87	10.54	182.2	12.34	18.89	73.79	72.84	0.95	48.1	49.7	26.22	0	0	
"2012-05-19	05:00:00"	10.1	191.2	9.25	15.91	7.738	195	12.92	12.93	72.86	71.77	1.088	49.11	50.93	26.223	0	0	
"2012-05-19	06:00:00"	9.03	191.8	9.14	12.93	6.792	194.8	12.67	11.14	71.29	70.23	1.063	51.61	53.58	26.229	0	0	
"2012-05-19	07:00:00"	7.821	202.6	10.1	11.14	6.003	201	10.91	8.75	69.61	68.41	1.201	54.65	56.51	26.237	1.4733	0	
"2012-05-19	08:00:00"	7.73	206.5	11.14	11.74	6.319	204.2	13.14	9.95	68.99	68.39	0.607	56.83	57.51	26.253	78.068	0	
"2012-05-19	09:00:00"	10.04	204.7	11.34	16.51	8.28	202.1	12.91	13.52	72.35	72.8	-0.456	51.77	50.37	26.27	274.33	0	
"2012-05-19	10:00:00"	10.76	215.5	14.89	16.51	8.95	216.2	18.49	15.31	77.09	77.89	-0.802	42.79	40.81	26.287	491.38	0	
"2012-05-19	11:00:00"	9	238	15.76	14.72	7.752	240.6	19.21	12.93	84.3	84.3	-0.084	33.14	31.64	26.298	693.25	0	
"2012-05-19	12:00:00"	7.344	281.6	30.55	17.1	5.717	284.1	33.26	13.52	89.6	92.5	-2.949	21.64	18.76	26.298	859.39	0	
"2012-05-19	13:00:00"	5.456	292.9	57.2	15.31	4.645	293.6	60.84	13.52	94.1	97.6	-3.414	17.66	14.52	26.298	967.94	0	
"2012-05-19	14:00:00"	8.8	242.8	45.07	18.89	7.416	246.2	46.67	15.91	96.4	98.9	-2.519	12.37	10.07	26.283	1018.6	0	
"2012-05-19	15:00:00"	12.62	230.7	25.78	27.84	10.45	232.5	29.35	21.28	96.6	98.8	-2.25	8.43	6.475	26.27	994.9	0	
"2012-05-19	16:00:00"	13.71	240.7	21.58	23.07	11.28	244.8	25.09	21.87	96.6	98.8	-2.179	7.476	5.582	26.262	954.01	0	
"2012-05-19	17:00:00"	11.79	255.4	19.99	23.66	9.64	260.3	21.9	23.07	97.4	99.5	-2.056	8.89	6.883	26.248	818.96	0	
"2012-05-19	18:00:00"	10.21	225.3	26.49	20.68	8.56	227.9	31.2	18.89	98.6	100.1	-1.572	8.45	6.552	26.235	639.77	0	
"2012-05-19	19:00:00"	14.73	216.3	17.39	25.45	11.98	216	19.91	23.66	97.2	98	-0.851	7.31	5.674	26.232	436.54	0	
"2012-05-19	20:00:00"	13.33	233.2	15.65	23.07	11.11	236.1	18.38	20.09	96.5	96.4	0.108	7.779	6.202	26.232	220.32	0	
"2012-05-19	21:00:00"	9.42	240.2	11.62	17.1	7.481	244.2	13.58	15.31	95	93.8	1.228	8.82	7.503	26.249	37.991	0	
"2012-05-19	22:00:00"	6.796	221.4	25.35	20.09	4.826	218.8	27.13	17.1	90.5	87.3	3.182	12.05	11.81	26.274	0.03543	0	
"2012-05-19	23:00:00"	17.5	172	8.38	26.65	14.09	171.5	9.79	21.28	83.8	82.6	1.144	34.64	35.38	26.303	0	0	
"2012-05-20	00:00:00"	15.52	174	6.711	23.66	12.92	173.3	8.94	20.68	80.5	79.5	1.006	46.19	47.72	26.327	0	0	
"2012-05-20	01:00:00"	14.06	177.1	7.709	20.09	11.19	177	10.57	16.51	78.18	77.44	0.736	54.49	56.06	26.338	0	0	
"2012-05-20	02:00:00"	11.72	182.5	9.41	16.51	9.32	182.8	12.23	14.72	76.62	76.02	0.6	60.61	62.1	26.348	0	0	
"2012-05-20	03:00:00"	11.16	180.6	8.63	17.1	8.95	180.3	11.37	14.12	75.48	74.76	0.715	61.55	63.34	26.35	0	0	
"2012-05-20	04:00:00"	8.45	185.9	9.9	12.93	6.563	188.3	14	11.74	74.46	73.69	0.766	61.96	63.57	26.344	0	0	
"2012-05-20	05:00:00"	6.697	184.2	11.91	11.74	5.171	186.4	15.61	9.35	73.5	72.4	1.101	62.46	64.41	26.345	0	0	
"2012-05-20	06:00:00"	6.482	181	9.49	11.14	4.799	181.6	11.55	8.75	73.06	71.3	1.755	60.79	64.23	26.355	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-20	07:00:00"	8.55	343.7	68.83	17.1	6.065	338.1	65.79	14.12	71.28	70.36	0.919	61.65	62.78	26.397	1.5428	0
"2012-05-20	08:00:00"	6.338	49.78	25.65	10.54	4.659	55.25	32.22	9.35	70.17	71.53	-1.355	67.3	63.09	26.434	75.131	0
"2012-05-20	09:00:00"	9.95	90.5	13.34	14.12	8.24	91.2	14.42	11.74	73.5	76.25	-2.754	58.6	52.67	26.454	255.42	0
"2012-05-20	10:00:00"	9.85	81.4	26.63	18.89	8.32	83.6	27.57	16.51	77.77	80.8	-2.981	49.83	43.77	26.471	469.67	0
"2012-05-20	11:00:00"	13.13	26.5	12.78	20.68	11	26.83	16.87	17.7	76.12	81.4	-5.296	54.1	44.07	26.481	638.85	0
"2012-05-20	12:00:00"	10.93	28.4	17.76	18.3	9.3	29.02	21.73	17.1	78.7	84.2	-5.5	50.79	40.92	26.492	714.46	0
"2012-05-20	13:00:00"	11.11	45.49	22.51	18.89	9.44	47.25	25.32	17.7	82.1	87.4	-5.352	45.15	36.8	26.496	870.54	0
"2012-05-20	14:00:00"	12.26	64.27	22.34	21.28	10.39	67.14	23.67	20.09	84.5	89.2	-4.654	39.99	33.65	26.488	957.48	0
"2012-05-20	15:00:00"	13.64	73.85	16.91	21.87	11.47	75.23	18.48	19.49	85.7	90.1	-4.452	37.91	32.12	26.478	862.05	0
"2012-05-20	16:00:00"	13.51	91.5	17.06	21.28	11.3	92.9	18.92	18.3	86.7	90.8	-4.112	36.55	31.31	26.468	872.01	0
"2012-05-20	17:00:00"	13.28	101.9	17.07	33.8	11.11	103.9	19.71	31.42	87.6	91.5	-3.869	36.18	31.08	26.453	691.71	0
"2012-05-20	18:00:00"	14.26	110.6	18.18	23.07	11.76	112.3	19.59	19.49	88	91	-3.011	35.33	31.03	26.44	562.8	0
"2012-05-20	19:00:00"	13.19	107.7	17.11	21.87	10.89	109.3	18.88	18.3	87	89.9	-2.839	35.52	31.32	26.439	227.49	0
"2012-05-20	20:00:00"	13.71	110.4	10.11	20.68	11.08	112.3	12.2	17.1	85.7	87.4	-1.705	35.65	32.34	26.444	112.62	0
"2012-05-20	21:00:00"	12.76	107.7	9.93	18.3	10.25	109	11.96	16.51	84.6	86.2	-1.526	36.67	33.55	26.459	15.562	0
"2012-05-20	22:00:00"	13.31	112.7	7.627	18.3	10.4	114.8	10.39	15.31	82.1	82.8	-0.706	38.51	36.05	26.481	0	0
"2012-05-20	23:00:00"	12.57	105.4	7.184	17.7	9.96	106.4	9.19	14.72	79.62	80.7	-1.11	44.22	40.84	26.507	0	0
"2012-05-21	00:00:00"	12.8	108.8	7.384	20.68	10.14	110.3	9.83	17.7	78.21	78.97	-0.756	47.45	44.37	26.524	0	0
"2012-05-21	01:00:00"	14.87	118.6	7.2	21.28	11.5	120.8	9.91	17.1	76.62	77.11	-0.491	50.58	47.56	26.534	0	0
"2012-05-21	02:00:00"	10.44	118.7	9.94	16.51	7.901	119.3	12.51	14.72	75.38	75.87	-0.49	52.84	49.97	26.539	0	0
"2012-05-21	03:00:00"	6.562	107.4	11.73	8.75	4.231	100.2	15.64	6.368	74.39	75.16	-0.764	54.51	52.09	26.541	0	0
"2012-05-21	04:00:00"	8.75	128.8	7.159	12.93	6.339	128.5	8.78	11.14	72.75	72.49	0.256	57.25	55.99	26.535	0	0
"2012-05-21	05:00:00"	8.4	133	15.64	12.93	6.478	131.4	19.05	11.14	72.23	71.81	0.421	58.79	57.72	26.537	0	0
"2012-05-21	06:00:00"	6.933	73.66	6.719	8.16	4.441	68.69	9.46	6.368	70.85	70.69	0.165	62.09	59.95	26.552	0	0
"2012-05-21	07:00:00"	7.384	85.1	7.868	9.35	4.674	75.54	11.52	6.368	68.49	69.57	-1.075	66.12	62.49	26.555	3.283	0
"2012-05-21	08:00:00"	6.509	73.34	24.88	10.54	5.234	70.69	28.79	9.35	69.17	71.07	-1.897	68.06	62.81	26.571	105.58	0
"2012-05-21	09:00:00"	11.69	129.6	11.83	18.3	9.46	131.1	12.56	16.51	72.86	74.51	-1.658	57.92	52.88	26.574	266.54	0
"2012-05-21	10:00:00"	14.03	148.9	11.54	20.09	11.83	148.7	11.37	18.3	75.54	76.22	-0.677	51.71	49.3	26.586	468.78	0
"2012-05-21	11:00:00"	13.68	141.9	12.71	21.28	11.47	142.4	13.23	18.89	77.47	78.98	-1.506	50.78	46.85	26.593	662.46	0
"2012-05-21	12:00:00"	11.16	131.9	18.44	26.05	9.44	132.4	19.86	21.87	80.8	83.2	-2.41	45.71	40.67	26.594	822.04	0
"2012-05-21	13:00:00"	13.59	129.8	18.25	24.86	11.37	131.7	19.3	20.68	82.8	85.7	-2.984	41.68	36.65	26.586	923.54	0
"2012-05-21	14:00:00"	15.14	135	15.53	24.26	12.76	136.2	16.75	22.47	84.7	87.4	-2.648	37.05	33.01	26.574	910.58	0
"2012-05-21	15:00:00"	16.08	130.7	15.67	26.65	13.42	132.1	16.03	21.87	85.9	88.9	-3.048	34.84	30.56	26.554	977.28	0
"2012-05-21	16:00:00"	15.7	143.4	17.03	25.45	13.17	143.8	17.8	23.07	87	89.4	-2.386	33.46	29.93	26.534	788.42	0
"2012-05-21	17:00:00"	14.48	145	16.03	30.82	12.08	145	16.45	29.03	88	89.8	-1.823	31.38	28.52	26.514	717.18	0
"2012-05-21	18:00:00"	13.1	149.8	17.3	24.86	10.96	150	17.46	21.28	89	90.6	-1.57	30.45	27.85	26.495	585.87	0
"2012-05-21	19:00:00"	14.54	159	19.13	22.47	12.06	158.9	19.47	19.49	88.3	89.4	-1.102	30.78	28.73	26.487	362.36	0
"2012-05-21	20:00:00"	12.85	161.1	11.27	20.68	10.77	160.7	12.15	18.3	86.9	86.9	-0.009	31.92	31.02	26.484	108.94	0
"2012-05-21	21:00:00"	11.35	149.8	9.53	18.89	9.57	149.6	9.53	15.91	85.2	84.5	0.711	34.37	33.92	26.481	25.426	0
"2012-05-21	22:00:00"	9.43	135.2	7.43	14.12	7.491	135.5	7.936	11.74	82.2	82	0.193	38.53	37.06	26.488	0.01877	0
"2012-05-21	23:00:00"	9.76	142.1	6.971	13.52	7.863	142	7.12	11.14	80.2	79.79	0.421	41.34	39.96	26.491	0	0
"2012-05-22	00:00:00"	10.79	150.9	9.03	16.51	8.9	150.6	9.1	14.12	78.72	77.88	0.837	42.97	42.92	26.489	0	0
"2012-05-22	01:00:00"	11.23	139.3	11.21	15.31	8.9	139.6	11.04	13.52	76.5	76.02	0.48	46.38	45.54	26.478	0	0
"2012-05-22	02:00:00"	7.045	143.8	13.58	12.93	5.382	142.3	16.45	10.54	75.59	74.44	1.15	49.08	49.17	26.48	0	0
"2012-05-22	03:00:00"	5.78	143	17.1	11.14	3.92	136.3	19.93	8.75	74.41	72.3	2.109	50.05	51.95	26.474	0	0

WCS Meteorological Data
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ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-05-22	04:00:00"	6.923	87.2	24.75	8.75	4.452	76.37	20.64	6.964	72	71.27	0.731	53.91	54.17	26.475	0	0
"2012-05-22	05:00:00"	5.937	34.58	15.14	11.14	4.427	24.94	19.79	9.95	67.13	68.52	-1.39	64.46	58.99	26.486	0	0
"2012-05-22	06:00:00"	7.101	31.01	15.06	11.14	5.218	30.31	18.99	9.35	64.93	67.54	-2.61	69.35	61.47	26.489	0	0
"2012-05-22	07:00:00"	8.16	58.84	12.45	11.74	5.882	62.13	13	9.35	65.08	66.98	-1.896	69.87	63.44	26.483	0.70075	0
"2012-05-22	08:00:00"	9.56	90	13.51	12.93	7.26	89.7	14.49	10.54	66.42	68.45	-2.032	66.44	61.39	26.464	61.028	0
"2012-05-22	09:00:00"	12.87	140.8	14.05	19.49	10.54	141.8	13.89	16.51	72.29	72.88	-0.588	55.59	52.45	26.455	233.34	0
"2012-05-22	10:00:00"	16.18	172.1	10.62	23.66	13.14	171.6	12.38	20.09	75.73	75.62	0.109	48.58	48.64	26.452	445.64	0
"2012-05-22	11:00:00"	15.6	179.8	10.92	23.66	12.53	178.8	13.68	20.09	79.49	80.1	-0.598	42.95	41.93	26.447	661.66	0
"2012-05-22	12:00:00"	17.9	176.5	10.03	26.05	14.6	175.5	12.48	22.47	82.6	83.2	-0.65	36.24	35.24	26.422	817.61	0
"2012-05-22	13:00:00"	19.95	177.9	11.05	27.84	16.12	176.8	13.19	26.05	84.4	85.4	-0.977	33.56	32.2	26.396	923.42	0
"2012-05-22	14:00:00"	19.11	180.1	11.84	28.43	15.36	179.6	14.98	23.66	87.5	88.6	-1.089	30.11	28.56	26.362	970.68	0
"2012-05-22	15:00:00"	17.18	186.6	12.9	26.65	13.65	186.1	16.48	22.47	90.9	92.2	-1.375	26.17	24.46	26.336	933.56	0
"2012-05-22	16:00:00"	15.77	181.8	15.61	26.65	12.72	180.7	17.37	24.86	93.4	94.7	-1.276	22.65	20.94	26.309	833.66	0
"2012-05-22	17:00:00"	16.19	182.5	15.38	25.45	13.1	181.7	17.75	21.28	93.9	94.9	-1.004	24.5	22.85	26.28	725.57	0
"2012-05-22	18:00:00"	16.67	177.1	13.65	29.03	13.46	175.4	15.67	24.26	94.7	95.4	-0.78	24.43	23	26.25	601.4	0
"2012-05-22	19:00:00"	16.91	167.3	12.91	25.45	14.01	166.2	13.67	23.07	94.8	95	-0.194	25.07	23.93	26.225	400.68	0
"2012-05-22	20:00:00"	18.57	165.9	9.36	26.65	15.07	165.7	11.11	22.47	92.6	92.3	0.355	27.7	27.12	26.21	197.17	0
"2012-05-22	21:00:00"	16.88	167.3	7.864	25.45	13.63	168.1	9.84	20.68	89.3	88.6	0.766	31.12	31.12	26.207	17.395	0
"2012-05-22	22:00:00"	15.34	168.4	7.591	22.47	12.18	168.7	9.69	18.89	86	85.1	0.888	34.73	35.12	26.208	0.03495	0
"2012-05-22	23:00:00"	16.94	170	6.79	24.26	13.44	169.4	9.42	18.89	83.2	82.1	1.13	37.26	38.13	26.206	0	0
"2012-05-23	00:00:00"	16.6	172.1	6.9	23.07	13.21	171.3	9.29	19.49	81.2	79.99	1.208	39.32	40.64	26.205	0	0
"2012-05-23	01:00:00"	15.19	174.9	6.721	21.87	12.02	174	8.85	18.89	79.5	78.45	1.048	41.47	42.81	26.193	0	0
"2012-05-23	02:00:00"	11.67	179.7	9.25	18.3	9.15	178.9	11.77	15.31	77.76	77.07	0.694	44.8	45.69	26.175	0	0
"2012-05-23	03:00:00"	11.32	188.1	11.58	18.89	8.78	189.8	15.09	14.72	76.38	75.55	0.828	45.89	46.87	26.162	0	0
"2012-05-23	04:00:00"	10.59	189.2	11.24	17.1	8.12	191.7	15.28	14.12	74.87	74.24	0.627	50.32	51.16	26.15	0	0
"2012-05-23	05:00:00"	11.51	193.6	9.23	17.1	8.73	196.9	12.69	13.52	73.21	72.27	0.939	53.34	55.24	26.135	0	0
"2012-05-23	06:00:00"	9.17	202.4	10.87	14.12	7.194	201.2	11.16	11.74	71.14	70.33	0.813	57.22	58.75	26.13	0	0
"2012-05-23	07:00:00"	8.26	222.7	12.68	11.74	6.781	221.8	13.8	9.95	69.8	68.93	0.862	60.22	60.81	26.131	1.59	0
"2012-05-23	08:00:00"	7.536	225.9	11.58	11.14	6.411	224.6	13.16	9.95	70.02	68.51	1.513	60.37	62.48	26.144	73.915	0
"2012-05-23	09:00:00"	6.347	211.4	29.83	10.54	6.064	219.5	15.28	9.95	72.64	71.4	1.245	56.76	56.91	26.152	266.42	0
"2012-05-23	10:00:00"	3.826	205.5	14.06	22.47	5.879	228.3	20.17	9.95	75.67	71.97	3.699	45.59	46.35	26.155	344.89	0
"2012-05-23	11:00:00"	6.64	245.4	47.34	16.51	4.733	250.8	54.55	64.22	83.7	85.6	-1.9	21.7	20.86	26.145	617.42	0.1
"2012-05-23	12:00:00"	10.57	264.6	16.45	20.68	7.653	269	19.24	19.49	88.3	91.1	-2.786	12.39	10.39	26.134	700.79	0.02
"2012-05-23	13:00:00"	15.5	250.8	14.62	27.84	12.66	253.9	17.93	24.26	90.3	93.1	-2.779	10.2	8.04	26.124	873.51	0
"2012-05-23	14:00:00"	19.18	254.3	13.51	30.82	15.53	257.3	16.15	26.05	92.7	95.5	-2.828	7.418	5.358	26.097	971.69	0
"2012-05-23	15:00:00"	19.37	258.2	14.4	31.42	15.61	262	16.41	29.63	94.5	97.5	-3.006	7.087	5.011	26.069	942.33	0
"2012-05-23	16:00:00"	20	258.1	11.25	30.82	16.46	263.2	13.83	28.43	95.4	98.1	-2.678	6.437	4.383	26.04	853.91	0
"2012-05-23	17:00:00"	21.03	257.2	11.41	32.61	16.94	262.7	14.16	27.84	96.6	98.7	-2.124	5.64	3.713	26.015	744.55	0
"2012-05-23	18:00:00"	19.54	262.1	13.49	30.82	15.7	266.8	14.72	26.05	97	99	-2.011	5.628	3.674	25.997	630.76	0
"2012-05-23	19:00:00"	16.4	237.7	19.14	27.84	13.68	238	21.58	23.07	97	98.4	-1.392	6.366	4.413	25.984	416.38	0
"2012-05-23	20:00:00"	13.85	236.8	15.72	22.47	11.35	238	19.64	20.09	96	96.8	-0.817	7.181	5.27	25.979	204.59	0
"2012-05-23	21:00:00"	9.56	226.3	16.29	15.91	7.535	225.5	18.4	14.12	92.3	92.3	-0.029	9.26	7.403	25.983	24.576	0
"2012-05-23	22:00:00"	6.506	224.1	17.4	12.93	4.835	221.2	21.54	10.54	86.8	86.5	0.316	13.04	11.15	25.996	0.05583	0
"2012-05-23	23:00:00"	7.272	205.7	12.33	12.93	5.26	200.3	14.13	11.14	81.6	80.3	1.295	16.11	15.08	26.006	0	0
"2012-05-24	00:00:00"	9.36	212.4	13.49	14.72	7.518	207.5	15.24	12.33	80.4	79.05	1.326	16.88	15.84	26.018	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-24	01:00:00"	13.96	241.2	12.64	23.07	11.37	241.4	15.17	20.09	84.4	82.2	2.231	13.58	12.88	26.019	0	0
"2012-05-24	02:00:00"	14.77	249.8	8.05	21.87	11.42	252.9	10.94	20.09	84.5	83.7	0.765	13.72	12.3	26.018	0	0
"2012-05-24	03:00:00"	15.34	262.5	9.42	24.26	12.09	266.6	10.71	20.09	83.8	82.3	1.494	13.76	12.65	26.006	0	0
"2012-05-24	04:00:00"	9.12	196.5	19.24	18.3	6.951	194.4	22.14	15.31	77.67	78.46	-0.793	17.38	15.02	26.017	0	0
"2012-05-24	05:00:00"	6.328	199.3	21.49	11.74	4.707	191.1	19.72	9.35	72.89	71.25	1.634	20.82	20.02	26.027	0	0
"2012-05-24	06:00:00"	10.57	257.5	14.85	18.3	7.671	261.7	17.24	12.93	73.95	71.5	2.447	19.61	19.57	26.037	0	0
"2012-05-24	07:00:00"	12	261.5	10.6	18.89	9.03	264.1	12.26	15.91	75.44	73.25	2.193	18.82	18.36	26.05	1.4999	0
"2012-05-24	08:00:00"	17.81	274.8	10.88	27.24	12.65	278.7	12.67	24.26	77.64	76.34	1.301	17.6	16.84	26.071	75.235	0
"2012-05-24	09:00:00"	21.87	269.1	9.25	34.4	16.89	272.6	10.64	29.63	79.79	80.1	-0.311	17.2	15.54	26.083	286.75	0
"2012-05-24	10:00:00"	24.37	263.7	9.21	35	19.54	268.8	10.7	32.61	82.3	83.2	-0.878	15.71	13.75	26.097	482.24	0
"2012-05-24	11:00:00"	25.99	268.5	9.8	39.17	20.32	272.5	11.24	34.4	84.6	86.1	-1.419	13.74	11.66	26.1	670.58	0
"2012-05-24	12:00:00"	22.48	270.6	10.85	33.8	17.39	274	11.72	28.43	86.9	89.1	-2.201	12.75	10.5	26.104	834.91	0
"2012-05-24	13:00:00"	19.84	273.6	13.86	29.63	14.81	276.8	15.21	24.86	88.8	92.1	-3.352	11.93	9.42	26.106	966.43	0
"2012-05-24	14:00:00"	20.81	266.3	12.88	33.21	16.37	270.1	14.67	30.22	90.9	94.2	-3.32	9.78	7.395	26.098	1034.9	0
"2012-05-24	15:00:00"	19.74	259.7	14.18	33.8	15.8	264	16.17	24.86	92	95.6	-3.582	8.64	6.259	26.087	1009.4	0
"2012-05-24	16:00:00"	18.68	253.3	14.94	32.61	15.27	257.4	17.44	29.03	92.9	96.2	-3.307	7.461	5.215	26.074	959.22	0
"2012-05-24	17:00:00"	17.83	255	12.58	31.42	14.36	259.6	14.96	26.05	93.8	96.9	-3.037	6.92	4.793	26.062	841.06	0
"2012-05-24	18:00:00"	11.67	227.3	25.05	21.87	9.52	227.8	28.92	20.09	94.4	97.7	-3.281	7.166	4.934	26.054	660.1	0
"2012-05-24	19:00:00"	15.28	228.9	14.86	27.84	12.75	229.7	17.97	23.66	94.8	96.9	-2.08	7.826	5.642	26.042	443.58	0
"2012-05-24	20:00:00"	16.99	226.9	14.04	27.84	13.9	225	16.5	24.86	94	95	-1.002	9.57	7.517	26.043	215.56	0
"2012-05-24	21:00:00"	12.04	226.4	12.89	21.28	10.24	222.8	13.99	18.3	90.9	91.3	-0.368	12.27	10.26	26.061	31.796	0
"2012-05-24	22:00:00"	7.281	212.6	12.69	11.74	5.656	205	14.75	10.54	85.4	85.1	0.318	14.26	12.56	26.081	0.08685	0
"2012-05-24	23:00:00"	5.318	217.4	21.78	8.75	3.854	212	25.94	7.561	82.7	80.4	2.297	14.8	14.14	26.098	0	0
"2012-05-25	00:00:00"	9.84	162.6	10.78	20.09	7.768	158.8	10.88	18.89	79.81	78.12	1.693	17.91	17.13	26.113	0	0
"2012-05-25	01:00:00"	14.67	166.1	8.49	21.87	11.85	165.3	10.26	18.3	79.54	78.68	0.861	35.14	33.83	26.122	0	0
"2012-05-25	02:00:00"	13.58	174.8	11.83	21.28	10.65	173.7	14.14	18.3	77.87	77.51	0.356	40.53	38.82	26.128	0	0
"2012-05-25	03:00:00"	7.221	209.3	16.67	12.33	5.633	209.7	18.11	9.35	74.76	74.41	0.348	46.9	44.47	26.142	0	0
"2012-05-25	04:00:00"	10.23	182	11.74	14.72	7.664	179	14.35	12.93	73.77	72.99	0.783	52.93	51.52	26.144	0	0
"2012-05-25	05:00:00"	7.754	190.8	23.35	15.31	5.674	192.5	27.48	11.14	72.38	71.82	0.556	59.09	57.23	26.143	0	0
"2012-05-25	06:00:00"	6.497	235.8	12.97	9.35	5.072	239	16.7	8.16	71.27	70.08	1.19	61.1	60.68	26.165	0	0
"2012-05-25	07:00:00"	6.106	227.5	14.26	9.35	4.864	229.2	18.42	8.75	69.69	68.93	0.756	63.32	62.05	26.174	1.4527	0
"2012-05-25	08:00:00"	6.403	226.6	22.16	11.74	5.184	226.5	26.07	10.54	68.49	68.04	0.45	64.33	63.27	26.195	65.277	0
"2012-05-25	09:00:00"	6.272	236.3	17.68	12.93	5.219	237.3	19.94	9.95	71.42	71.1	0.314	53.42	53.4	26.214	224.22	0
"2012-05-25	10:00:00"	13.06	273.1	10.15	21.87	9.95	274.8	12.73	17.7	81	81.1	-0.064	23.08	22.7	26.225	444.02	0
"2012-05-25	11:00:00"	19.42	280.5	9.84	26.65	13.86	283.2	11.95	21.87	87.1	88.8	-1.733	12.46	10.65	26.229	658	0
"2012-05-25	12:00:00"	17.48	276.5	12.72	28.43	12.86	280.1	14.45	24.86	88.8	91.9	-3.017	11.53	9.23	26.232	826.71	0
"2012-05-25	13:00:00"	11.8	222.1	26.87	20.09	9.97	222.3	31.15	19.49	89.6	94.1	-4.467	13.52	10.39	26.236	905.54	0
"2012-05-25	14:00:00"	11.82	204.4	20	21.87	9.88	202.1	22.61	18.89	90.5	94.8	-4.295	15.97	12.65	26.233	876.62	0
"2012-05-25	15:00:00"	14.54	189	19.04	24.26	12.03	186.5	22.25	21.28	92.7	97.2	-4.544	12.27	9.28	26.224	937.8	0
"2012-05-25	16:00:00"	17.35	176.4	13.75	30.22	14.2	174.7	16.57	25.45	93.3	97	-3.703	12.18	9.36	26.211	917.08	0
"2012-05-25	17:00:00"	16.78	172.8	12.84	26.65	13.77	170.2	14.43	24.86	93.4	96.7	-3.343	12.48	9.73	26.199	766.83	0
"2012-05-25	18:00:00"	17.35	162.7	13.48	27.24	14.39	161.8	14.64	23.66	93.4	96.1	-2.755	12.85	10.2	26.197	599.16	0
"2012-05-25	19:00:00"	17.72	166.7	12.76	29.03	14.53	164.8	14.7	25.45	93	95.1	-2.055	15.19	12.6	26.191	392.68	0
"2012-05-25	20:00:00"	20.83	157.8	10.78	32.61	17.37	156.3	11.14	30.82	90.3	91.9	-1.663	28.59	25.39	26.195	180.42	0
"2012-05-25	21:00:00"	15.89	149	9.15	27.84	13.21	148	9.36	23.66	86.2	87	-0.732	32.46	29.81	26.211	28.561	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-25	22:00:00"	21.32	159.6	10.67	39.77	17.68	157.8	11.44	37.38	81.4	82.2	-0.796	44.77	41.13	26.239	0.12076	0	
"2012-05-25	23:00:00"	24.76	171.1	7.469	41.56	19.86	169.5	9.81	35	77.26	77.3	-0.038	57.99	55.87	26.259	0	0	
"2012-05-26	00:00:00"	26.92	177.3	7.473	39.77	21.44	174.5	9.69	35	78.6	78.17	0.432	44.34	42.99	26.272	0	0	
"2012-05-26	01:00:00"	23.4	179.8	7.759	33.21	18.76	176.9	9.81	28.43	78.39	78.18	0.216	38.12	36.65	26.277	0	0	
"2012-05-26	02:00:00"	17.5	187.3	10.07	30.82	13.83	186	13.8	26.05	76.79	76.7	0.091	36.81	35.12	26.284	0	0	
"2012-05-26	03:00:00"	13.49	189.3	9.82	20.09	10.57	187.8	13.5	17.7	74.75	74.54	0.207	38.57	36.96	26.291	0	0	
"2012-05-26	04:00:00"	15.04	184.4	9.37	22.47	11.87	181.9	12.43	18.3	74.61	73.95	0.659	38.2	37.16	26.287	0	0	
"2012-05-26	05:00:00"	14.71	170.9	9.9	23.07	11.72	169	11.33	18.89	73.3	73.36	-0.053	39.36	37.44	26.293	0	0	
"2012-05-26	06:00:00"	14.98	157.6	9.44	22.47	12.63	155.1	9.92	18.89	71.17	71.04	0.133	43.86	41.76	26.303	0	0	
"2012-05-26	07:00:00"	12.78	157.8	9.46	20.68	10.58	155.3	9.41	17.7	70.3	70.24	0.057	54.43	51.54	26.318	1.585	0	
"2012-05-26	08:00:00"	14.19	154.2	9.53	22.47	11.93	152.4	9.82	19.49	69.82	70.17	-0.349	76.4	72.98	26.321	60.415	0	
"2012-05-26	09:00:00"	18.03	166.1	9.81	30.82	14.68	164.6	11.38	28.43	72.5	72.95	-0.445	65.59	63.48	26.326	241.36	0	
"2012-05-26	10:00:00"	23.1	167.8	9.6	33.21	18.97	166.1	11.28	29.03	74.76	76.1	-1.341	53.51	49.54	26.333	447.38	0	
"2012-05-26	11:00:00"	23.4	168.8	10.1	33.8	19.08	166.5	11.71	29.03	75.7	77.72	-2.018	56.07	50.74	26.337	648.92	0	
"2012-05-26	12:00:00"	22.81	170.1	10.58	32.01	18.75	167.5	12.26	27.84	77.86	80.3	-2.459	54.54	48.72	26.332	813.26	0	
"2012-05-26	13:00:00"	21.25	177.6	10.61	30.82	17.14	174.8	12.89	26.05	80.7	83.5	-2.792	49.81	43.81	26.322	907.82	0	
"2012-05-26	14:00:00"	19.68	179.4	12.02	32.01	15.9	176.8	14.25	27.84	82.9	86.4	-3.432	45.16	38.84	26.307	953.66	0	
"2012-05-26	15:00:00"	18.77	174	14.92	28.43	15.33	172.3	17.22	24.26	84.8	88.6	-3.722	42.57	36.57	26.286	926.1	0	
"2012-05-26	16:00:00"	20.25	171.1	11.72	32.01	16.71	168.3	13.75	26.65	85.6	89	-3.446	43	37.12	26.268	881.77	0	
"2012-05-26	17:00:00"	20.22	167.5	12.88	31.42	16.85	165.6	14.4	26.65	86.6	89.7	-3.098	40.8	35.77	26.249	756.43	0	
"2012-05-26	18:00:00"	20.99	167	13.26	32.01	17.33	165.5	14.42	28.43	87.5	90	-2.556	38.81	34.63	26.227	585.44	0	
"2012-05-26	19:00:00"	24.32	160.3	11.54	35	20.25	158.6	12.31	32.61	87.1	89	-1.891	38.5	34.93	26.213	383.15	0	
"2012-05-26	20:00:00"	23.42	157.8	10.41	37.98	19.63	155.9	10.98	32.01	84.1	85.8	-1.701	36.74	33.37	26.207	214.75	0	
"2012-05-26	21:00:00"	18.21	164.7	12.82	30.82	14.96	163.2	13.51	26.65	79.96	80.8	-0.809	36.41	33.79	26.209	27.553	0	
"2012-05-26	22:00:00"	22.05	158.9	11.06	34.4	18.36	157	11.89	30.22	77.69	78.15	-0.46	47.31	44.37	26.217	0.06292	0	
"2012-05-26	23:00:00"	15.62	265.4	64.7	35.59	11.64	269.2	66.11	27.84	76.14	76.02	0.118	52.14	50.66	26.296	0	0.03	
"2012-05-27	00:00:00"	12.42	325	48.5	28.43	8.82	326.7	47.14	21.28	67.04	67.86	-0.821	82.9	77.86	26.364	0.49527	0.5	
"2012-05-27	01:00:00"	12.14	56.67	22.03	21.87	9.81	57.76	23.55	18.3	65.97	65.95	0.02	86.8	86.1	26.322	0.2042	0	
"2012-05-27	02:00:00"	13.21	73.51	8.83	22.47	10.39	73.26	9.4	17.7	66.43	66.07	0.355	84	85.5	26.298	0	0	
"2012-05-27	03:00:00"	8.91	88.4	8.99	13.52	7.019	86.7	10.01	11.14	66.46	66.29	0.173	83.4	83.2	26.287	0	0	
"2012-05-27	04:00:00"	5.453	99.9	14.05	9.95	3.771	95.3	15.98	6.368	66.13	65.79	0.333	85.4	84	26.28	0	0	
"2012-05-27	05:00:00"	6.31	155.8	10.78	10.54	4.89	152.9	11.73	9.95	67.98	66.23	1.747	77.53	83.7	26.273	0	0	
"2012-05-27	06:00:00"	8.69	164.6	10.21	14.72	6.856	163.5	11.21	12.93	67.2	66.66	0.543	78.77	79.65	26.272	0	0	
"2012-05-27	07:00:00"	10.89	191.1	14.55	18.3	8.68	189.7	16.26	14.72	66.38	66.19	0.185	79.22	78.31	26.283	1.6127	0	
"2012-05-27	08:00:00"	10.77	200.2	10.37	18.89	8.43	200.1	11.62	14.72	66.18	66.05	0.131	79.96	79.46	26.297	79.198	0	
"2012-05-27	09:00:00"	14.87	191.8	9.78	23.07	11.61	191.4	14.18	21.28	67.79	68.65	-0.86	80.9	78.15	26.302	268.11	0	
"2012-05-27	10:00:00"	16.48	199.9	10.73	24.26	13.03	198.7	13.04	19.49	70.59	71.68	-1.084	76.35	73.78	26.305	480.77	0	
"2012-05-27	11:00:00"	13.18	208.2	13.7	20.68	10.69	205.8	15.86	18.3	73.57	75.27	-1.704	66.81	63.48	26.31	682.08	0	
"2012-05-27	12:00:00"	11.02	215.9	15.76	19.49	9.28	213.7	18.4	17.1	77.09	79.34	-2.249	51.45	47.98	26.313	843.45	0	
"2012-05-27	13:00:00"	11.04	222.6	18.76	18.89	9.24	222.4	22.15	16.51	80	82.9	-2.835	40.74	37.19	26.307	952.68	0	
"2012-05-27	14:00:00"	11.75	231.9	20.97	23.66	9.91	233.5	24.79	20.09	83.6	86.7	-3.17	29.17	26.29	26.293	1000.7	0	
"2012-05-27	15:00:00"	15.88	232.1	17.31	29.03	13.28	232.7	21.23	24.86	86.4	89.3	-2.837	19.68	17.29	26.276	973.56	0	
"2012-05-27	16:00:00"	15.57	234.7	17.96	27.24	13.2	236.5	21.43	26.65	87.8	90.3	-2.538	16.7	14.5	26.256	940.41	0	
"2012-05-27	17:00:00"	13.19	215.9	17.16	24.26	10.98	214.4	20.05	21.87	88.8	91.7	-2.922	18.23	15.68	26.237	820.43	0	
"2012-05-27	18:00:00"	12.95	215.5	20.06	26.65	10.67	214	23.72	23.66	89.5	92.2	-2.68	17.83	15.37	26.224	642.73	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-27	19:00:00"	12.43	208.1	15.5	20.68	10.2	206.1	17.53	17.7	89.7	91.8	-2.064	18.87	16.5	26.217	434.79	0
"2012-05-27	20:00:00"	15.81	181	12.83	22.47	12.6	178.6	14.81	19.49	87.9	89.7	-1.845	28.62	25.7	26.214	211.6	0
"2012-05-27	21:00:00"	18.75	173.5	6.575	27.84	14.97	171.7	9.04	23.66	83.7	84.7	-1	43.56	40.46	26.228	40.853	0
"2012-05-27	22:00:00"	14.04	181.2	8.99	23.66	11.17	178.6	11.35	20.68	79.58	79.98	-0.395	56.69	53.81	26.253	0.12478	0
"2012-05-27	23:00:00"	9.4	185.5	9.22	14.72	7.494	183.9	11.95	12.93	77.2	77.35	-0.146	64.43	61.97	26.279	0	0
"2012-05-28	00:00:00"	9.27	184.6	9.18	14.72	7.218	183.2	11.67	12.93	75.14	75.06	0.081	69.1	67.05	26.292	0	0
"2012-05-28	01:00:00"	11.34	179.7	8.16	15.31	8.94	178	10.59	13.52	73.62	73.64	-0.024	73.24	71.16	26.295	0	0
"2012-05-28	02:00:00"	8.71	187.1	10.92	13.52	6.661	187	14.59	11.74	71.83	71.93	-0.099	78.12	75.49	26.295	0	0
"2012-05-28	03:00:00"	6.408	189.8	9.69	11.74	4.826	190.4	13.11	8.75	70.48	70.23	0.25	80.9	78.87	26.294	0	0
"2012-05-28	04:00:00"	5.986	190.3	11.17	9.35	4.262	192.2	14.69	6.964	69.67	69.14	0.528	81.7	80.7	26.292	0	0
"2012-05-28	05:00:00"	4.736	200.2	11.39	6.964	3.331	203.5	14.24	5.771	69.21	68.25	0.956	81.6	81.6	26.296	0	0
"2012-05-28	06:00:00"	4.305	240.4	17.46	7.561	3.006	247.6	20.58	6.368	69.03	67.75	1.277	81.6	82.3	26.306	0	0
"2012-05-28	07:00:00"	4.814	259.6	26.68	8.16	2.831	270.3	33.11	5.771	68.74	67.21	1.533	82	82.8	26.32	2.3655	0
"2012-05-28	08:00:00"	5.142	298.5	10.54	6.964	2.734	303.1	15.14	5.175	67.31	67.09	0.226	86.2	84.9	26.34	84.678	0
"2012-05-28	09:00:00"	5.545	279.8	13.14	8.16	4.071	282.7	14.58	6.964	69.9	71.63	-1.734	81.8	79.75	26.349	269.99	0
"2012-05-28	10:00:00"	5.578	275.3	21.5	9.95	4.347	276.2	23.46	9.35	72.26	76.13	-3.873	77.24	68.28	26.358	479.4	0
"2012-05-28	11:00:00"	5.172	291.7	30.06	9.95	4.022	292.7	34.14	9.35	75.04	80.2	-5.167	68.57	57.79	26.355	682.58	0
"2012-05-28	12:00:00"	5.971	291.2	34.58	12.33	4.8	292.2	36.45	9.95	78.38	84.1	-5.771	56.05	45.81	26.351	850.96	0
"2012-05-28	13:00:00"	6.303	280.4	25.21	14.12	5.169	281.2	25.31	12.33	82.2	88.1	-5.917	41.01	33.82	26.345	958.88	0
"2012-05-28	14:00:00"	6.952	279.7	29.42	14.72	5.643	283	33.16	11.14	86	91.9	-5.915	18.56	15.21	26.335	1018.8	0
"2012-05-28	15:00:00"	6.489	246.2	38.27	15.91	6.057	248.6	38.7	13.52	88.4	94.4	-6.012	13.24	10.32	26.317	993.81	0
"2012-05-28	16:00:00"	8.5	237.6	34.26	18.3	7.302	243	39.87	17.1	89.7	95.3	-5.592	12.66	9.75	26.299	953.06	0
"2012-05-28	17:00:00"	10.41	243.1	26.06	20.09	8.68	244.2	32.03	20.68	90.8	95.2	-4.422	11.55	9.08	26.282	831.78	0
"2012-05-28	18:00:00"	10.52	254.1	18.14	18.3	8.68	257.7	20.09	15.91	91.1	94.9	-3.871	9.8	7.594	26.267	658.38	0
"2012-05-28	19:00:00"	12.48	252.5	13.18	20.68	10.17	256.1	16.95	18.3	91.2	93.6	-2.466	9.47	7.538	26.258	452.9	0
"2012-05-28	20:00:00"	10	256.4	13.17	16.51	8.18	261.8	15.53	14.12	90.6	92.1	-1.548	9.31	7.603	26.257	233.67	0
"2012-05-28	21:00:00"	3.53	269.1	11.63	11.14	4.073	283.6	23.81	8.16	88.6	88.6	0.016	11.35	10.32	26.26	48.86	0
"2012-05-28	22:00:00"	1.001	233	35.53	1.596	1.151	275.6	96.7	3.386	86.5	80.2	6.268	13.24	18.53	26.268	0.15226	0
"2012-05-28	23:00:00"	1.672	202	10.73	5.771	1.906	184.4	15.58	5.175	83.3	76.39	6.939	14.49	21.55	26.282	0	0
"2012-05-29	00:00:00"	1.07	239.2	17.06	3.982	1.755	244.4	35.66	3.386	79.65	74.35	5.296	19.74	23.46	26.299	0	0
"2012-05-29	01:00:00"	1	279	19.54	1	2.278	312.9	30	4.578	77.27	71.02	6.256	23.27	31.21	26.303	0	0
"2012-05-29	02:00:00"	4.855	189.8	38.16	14.72	3.777	185.9	51.03	12.33	74.81	69.26	5.551	25.48	31.53	26.311	0	0
"2012-05-29	03:00:00"	4.839	205.6	22.74	8.75	3.658	206	24.91	6.368	73.58	70.73	2.849	41.11	40.48	26.311	0	0
"2012-05-29	04:00:00"	4.509	220.6	12.5	8.16	3.846	218.1	14.86	6.964	72.76	70.66	2.108	50.83	50.14	26.306	0	0
"2012-05-29	05:00:00"	5.546	209.2	10.73	8.16	4.244	206.3	12.51	6.368	70.34	69.16	1.184	62.83	60.31	26.309	0	0
"2012-05-29	06:00:00"	5.426	207	14.59	8.75	3.935	206.4	15.49	6.964	68.1	67.15	0.948	75.91	71.81	26.318	0	0
"2012-05-29	07:00:00"	5.318	217.6	12.72	8.16	3.917	220.4	16.39	6.368	67.05	65.72	1.327	80.7	79.15	26.327	1.7779	0
"2012-05-29	08:00:00"	4.365	226.2	13.61	8.75	3.518	230	17.47	7.561	66.47	66.16	0.314	83.8	82.1	26.343	89.607	0
"2012-05-29	09:00:00"	6.271	220.3	14.34	9.95	5.443	220.5	15.86	8.75	68.48	70.21	-1.735	85.2	80.1	26.358	280.14	0
"2012-05-29	10:00:00"	6.736	211.8	16.09	11.14	5.821	213.8	19.84	11.14	72.28	74.8	-2.525	76.61	70.44	26.372	495.21	0
"2012-05-29	11:00:00"	6.298	231.8	17.82	10.54	5.669	233.9	20.69	9.95	77.01	80.3	-3.295	61.64	54.72	26.374	700.81	0
"2012-05-29	12:00:00"	7.226	234.3	18.89	12.33	6.346	234.7	22.54	11.74	83.5	87	-3.546	35.05	31.11	26.366	874.33	0
"2012-05-29	13:00:00"	9.86	241.2	17.61	20.09	8.89	243.7	19.86	17.7	88	91.8	-3.726	20.12	17.12	26.361	993.21	0
"2012-05-29	14:00:00"	11.79	237.9	21.54	19.49	10.17	239.7	25.05	20.09	90.8	94.8	-3.941	10.23	8.1	26.347	1046.7	0
"2012-05-29	15:00:00"	13.86	248.3	21.37	23.07	11.36	250.9	24.87	20.09	92.7	96.7	-3.992	6.142	4.333	26.331	1014.2	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-29	16:00:00"	15.58	274.2	14.82	26.65	11.69	276.9	16.68	23.07	93.8	97.5	-3.778	4.902	3.283	26.311	973.51	0	
"2012-05-29	17:00:00"	15.63	279.5	14.65	26.65	11.47	282.8	16.26	21.28	94.2	97.7	-3.502	4.42	2.821	26.293	847.14	0	
"2012-05-29	18:00:00"	13.19	261.7	17.03	24.86	10.51	265.9	19.48	20.09	94.5	97.5	-3.048	4.95	3.257	26.28	660.57	0	
"2012-05-29	19:00:00"	11.2	253.8	18.35	20.09	9.29	257.5	20.3	17.1	94.2	96.5	-2.272	5.631	3.916	26.272	444.25	0	
"2012-05-29	20:00:00"	7.875	254.4	13.63	15.31	6.879	257.7	16.04	13.52	93.6	94.8	-1.251	6.416	4.793	26.269	225.1	0	
"2012-05-29	21:00:00"	1.478	299.1	13.1	5.175	1.898	341.9	52.69	5.771	91.5	90.6	0.963	8.71	8.96	26.274	45.908	0	
"2012-05-29	22:00:00"	1.064	168	52.43	3.982	1.326	103.7	14.55	3.386	90.3	82.3	8.03	8.26	12.22	26.274	0.16805	0	
"2012-05-29	23:00:00"	3.818	160.9	5.698	13.52	2.68	140.7	21.17	10.54	88	77.88	10.16	8.71	14.62	26.285	0	0	
"2012-05-30	00:00:00"	6.342	185.6	12.88	12.93	6.151	185.2	14.67	11.14	80.6	78.83	1.747	15.75	15.38	26.294	0	0	
"2012-05-30	01:00:00"	2.077	186.6	10.74	6.964	3.334	175.5	13.32	5.175	75.86	73.16	2.707	19.62	21.11	26.301	0	0	
"2012-05-30	02:00:00"	5.158	174.2	8.84	12.93	4.843	173.4	11.05	9.35	76.28	72.84	3.434	21.92	22.81	26.296	0	0	
"2012-05-30	03:00:00"	6.649	180.6	9.51	12.93	5.071	180.1	12.23	9.95	72.09	71.79	0.302	36.99	34.29	26.284	0	0	
"2012-05-30	04:00:00"	8.07	173.2	8.37	12.33	6.089	172.8	9.96	9.95	69.69	68.95	0.738	56.63	53.92	26.275	0	0	
"2012-05-30	05:00:00"	7.224	179.7	13.07	11.74	5.328	181.3	15.46	9.95	69.18	68.41	0.769	67.28	65.49	26.275	0	0	
"2012-05-30	06:00:00"	6.53	195.9	12.1	11.74	4.319	193	13.97	8.16	69	67.36	1.642	71.61	71.34	26.276	0	0	
"2012-05-30	07:00:00"	6.242	203.7	12.66	9.35	4.517	203.8	14.2	6.964	67.36	66.38	0.986	77.72	76.19	26.277	2.1026	0	
"2012-05-30	08:00:00"	6.168	208.1	15.72	9.95	4.583	206.9	17.19	9.35	66.21	66.26	-0.045	80.4	78.42	26.283	90.713	0	
"2012-05-30	09:00:00"	7.869	225.4	14.07	11.74	6.673	226.4	16.64	13.52	68.57	69.63	-1.062	79.2	75.18	26.295	257.76	0	
"2012-05-30	10:00:00"	8.02	237.7	17.9	14.12	6.897	238.7	20.18	12.93	75.24	76	-0.765	58.41	57.23	26.297	488.48	0	
"2012-05-30	11:00:00"	7.497	272.7	19.55	12.33	5.722	274.2	22.37	10.54	82.2	84.6	-2.332	25.52	24.04	26.29	701.14	0	
"2012-05-30	12:00:00"	9.15	285.6	18.14	17.1	6.917	287.6	20.05	13.52	86.7	90.7	-4.038	8.94	7.451	26.277	870.98	0	
"2012-05-30	13:00:00"	9.73	281.8	18.09	17.1	7.419	283.3	20.3	15.91	88.8	93.7	-4.904	8.06	5.995	26.265	995.24	0	
"2012-05-30	14:00:00"	12.78	267.1	15.81	22.47	10.07	270.3	18.13	19.49	91.6	96.2	-4.591	6.543	4.661	26.245	1041.4	0	
"2012-05-30	15:00:00"	15.97	275.5	13.26	26.05	11.92	278.1	14.86	21.87	93.1	97.4	-4.28	5.127	3.339	26.225	1014.4	0	
"2012-05-30	16:00:00"	13.5	257.9	24.21	26.05	10.65	261.7	26.67	20.68	93.9	98	-4.137	4.978	3.144	26.206	971.97	0	
"2012-05-30	17:00:00"	11.91	254.4	23.38	21.87	9.7	256.1	25.73	18.3	94.7	98.5	-3.79	4.849	3.047	26.185	852.02	0	
"2012-05-30	18:00:00"	11.2	236	22.17	26.05	9.53	238.5	24.41	21.28	95.1	98.6	-3.434	5.136	3.229	26.168	670.87	0	
"2012-05-30	19:00:00"	11.32	260.1	18.95	21.87	9.39	264.3	20.72	18.89	95.2	97.7	-2.525	4.749	3.02	26.148	442.11	0	
"2012-05-30	20:00:00"	10.4	254.3	12.46	20.09	8.4	258.3	15.01	18.89	94.5	95.5	-0.988	4.3	2.707	26.142	222.69	0	
"2012-05-30	21:00:00"	4.088	223.6	14.6	8.16	3.336	219.8	19.47	6.964	91.8	91.2	0.672	6.371	4.942	26.142	44.702	0	
"2012-05-30	22:00:00"	6.717	241.4	14.19	11.14	5.029	241.3	20.87	8.16	86.7	84.8	1.943	8.55	7.552	26.148	0.19841	0	
"2012-05-30	23:00:00"	6.121	233.7	17.26	10.54	4.602	231.4	22.96	8.75	81.4	79.49	1.862	10.94	10.14	26.154	0	0	
"2012-05-31	00:00:00"	10.18	297.8	16	16.51	5.434	301.5	16.85	9.95	75.69	74.04	1.651	13.63	13.08	26.165	0	0	
"2012-05-31	01:00:00"	13.04	328.3	29.86	19.49	7.818	326.9	28.37	15.31	71.67	70.11	1.556	20.11	18.97	26.176	0	0	
"2012-05-31	02:00:00"	12.39	44.04	11.34	20.09	9.72	44.93	12.92	15.91	71.62	70.69	0.927	53.16	51.36	26.193	0	0	
"2012-05-31	03:00:00"	9.18	46.76	9.9	13.52	6.821	47.46	12.5	11.74	69.97	69.27	0.698	61.85	59.94	26.188	0	0	
"2012-05-31	04:00:00"	8.39	35.29	18.77	11.74	5.953	27.84	25.51	9.35	66.96	66.15	0.805	69.32	65.96	26.172	0	0	
"2012-05-31	05:00:00"	10.84	19.34	16.02	15.31	7.95	17.2	21.16	13.52	64.13	63.12	1.008	77.78	76.49	26.184	0	0	
"2012-05-31	06:00:00"	11.02	9.76	7.773	14.72	8.12	4.264	12.69	11.74	62.15	61.91	0.237	82.3	79.26	26.193	0	0	
"2012-05-31	07:00:00"	13.61	17.63	7.245	20.68	10.54	15.15	13.38	18.3	60.7	60.25	0.453	84.8	82.8	26.208	1.5741	0	
"2012-05-31	08:00:00"	18.21	38.35	12.12	29.63	14.55	39.5	14.5	25.45	62.68	62.31	0.371	84.2	84.1	26.248	73.539	0	
"2012-05-31	09:00:00"	20.76	55.92	9.53	31.42	16.12	57.81	11.8	28.43	66.08	66.71	-0.634	79.18	77.17	26.281	263.45	0	
"2012-05-31	10:00:00"	20.4	56.9	10.23	29.03	15.68	59.35	12.19	24.86	69.51	70.93	-1.421	70.71	66.43	26.31	462.11	0	
"2012-05-31	11:00:00"	20.02	58.11	11.58	29.63	15.62	60.98	13.75	25.45	72.13	74.35	-2.219	64.22	58.16	26.32	654.99	0	
"2012-05-31	12:00:00"	23.04	70.24	11.14	32.61	17.86	71.57	12.32	26.05	75.5	77.72	-2.222	58.4	52.56	26.319	822.85	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-05-31	13:00:00"	23.12	76.37	11.75	36.78	18.28	76.55	12.9	28.43	78.55	81	-2.407	53.23	47.44	26.328	906.18	0	
"2012-05-31	14:00:00"	18.43	79.57	14.05	30.22	14.6	79.94	14.49	26.05	80.1	83	-2.905	49.15	42.58	26.344	672.78	0	
"2012-05-31	15:00:00"	20.36	89.7	12.27	31.42	16.54	89.1	13.49	26.05	81.2	84.2	-3.05	46.75	40.18	26.345	765.02	0	
"2012-05-31	16:00:00"	20.99	94.2	11.62	32.01	17.18	94.1	12.82	27.24	82.1	85.1	-3.065	43.15	37.44	26.339	884.23	0	
"2012-05-31	17:00:00"	18.85	94.9	13.38	29.03	15.43	94.5	15.21	23.66	82.6	85.7	-3.029	39.79	34.79	26.325	685.55	0	
"2012-05-31	18:00:00"	17.51	90.5	11.93	26.05	14.28	89.8	13.63	23.07	83	85.9	-2.83	38.83	34.1	26.317	595.96	0	
"2012-05-31	19:00:00"	15.9	89.5	12.61	24.86	12.97	89.3	13.87	22.47	82.7	85	-2.336	40.32	35.72	26.318	378.65	0	
"2012-05-31	20:00:00"	14.32	93.2	10.8	21.28	11.61	92.9	12.81	18.3	81.6	83.5	-1.85	43.4	38.6	26.317	194.91	0	
"2012-05-31	21:00:00"	12.65	92.5	7.935	18.3	10.1	92.2	8.96	15.91	79.71	80.7	-0.981	47.33	43.11	26.334	37.891	0	
"2012-05-31	22:00:00"	10.13	96	6.447	16.51	8.09	96	7.595	12.33	76.48	76.85	-0.376	52.28	48.86	26.358	0.1561	0	
"2012-05-31	23:00:00"	11.32	105.9	7.44	15.91	9.01	105.6	9.08	13.52	74.74	74.55	0.198	54.73	52.55	26.376	0	0	
"2012-06-01	00:00:00"	12.42	115.3	6.595	17.1	9.68	115.7	9.38	14.12	73.44	73.33	0.106	59.01	56.79	26.392	0	0	
"2012-06-01	01:00:00"	10.73	103.1	8.45	16.51	8.38	102.5	10.19	13.52	71.83	71.88	-0.044	62.68	60.03	26.402	0	0	
"2012-06-01	02:00:00"	10.54	89.9	7.522	20.09	8.04	89	8.58	16.51	70.02	70.02	-0.006	65.97	63.46	26.402	0	0	
"2012-06-01	03:00:00"	13.52	93.1	6.879	20.68	10.7	92.5	7.882	16.51	69.23	69.29	-0.062	62.58	60.28	26.4	0	0	
"2012-06-01	04:00:00"	13.01	101	7.911	18.3	10.29	100.5	9.26	15.91	67.34	67.4	-0.063	65.06	62.44	26.394	0	0	
"2012-06-01	05:00:00"	14.45	111	7.102	21.87	11.62	111.5	9.92	18.89	66.75	66.68	0.073	67.25	65.15	26.4	0	0	
"2012-06-01	06:00:00"	13.02	105.6	7.035	18.89	10.44	105.6	8.9	16.51	65.59	65.65	-0.061	70.93	68.43	26.418	0	0	
"2012-06-01	07:00:00"	14.47	110.3	8.32	21.87	11.63	110.8	10.4	18.89	65.38	65.59	-0.218	73.65	70.92	26.435	0.85427	0	
"2012-06-01	08:00:00"	14.66	116	8.08	21.28	11.51	116.6	10.92	17.1	65.27	65.79	-0.516	75.99	72.97	26.445	65.933	0	
"2012-06-01	09:00:00"	14.31	119.8	15.1	27.24	11.56	120	16.31	19.49	66.32	67.54	-1.221	74.34	70.33	26.457	237.62	0	
"2012-06-01	10:00:00"	18.49	144.6	13.22	26.65	15.29	143.3	13.87	23.66	68.23	70.49	-2.258	69.2	63.11	26.451	462.93	0	
"2012-06-01	11:00:00"	18.71	167.2	11.21	27.84	15.25	164.9	12.85	23.07	71.19	73.45	-2.266	63.1	57.26	26.438	656.79	0	
"2012-06-01	12:00:00"	18.91	174.1	12.5	27.24	15.38	171.7	14.86	24.86	74.37	77.28	-2.916	57.03	50.5	26.425	827.26	0	
"2012-06-01	13:00:00"	18.13	174.9	12.55	29.03	14.73	172.1	14.56	23.66	76.46	79.97	-3.51	54.62	47.27	26.417	940.45	0	
"2012-06-01	14:00:00"	17.12	187.6	15.7	28.43	13.87	184.9	18.43	23.07	79.05	82.8	-3.772	48.58	41.48	26.403	975	0	
"2012-06-01	15:00:00"	17.53	187.4	15.15	30.22	14.2	184.6	17.75	24.26	81	84.8	-3.788	44.24	37.81	26.38	930.29	0	
"2012-06-01	16:00:00"	16.96	190.9	15.49	30.22	13.63	188.4	18.3	26.05	83.2	87	-3.776	39.85	34.53	26.358	913.12	0	
"2012-06-01	17:00:00"	17.32	187.3	13.21	29.63	13.87	185.3	16.93	24.86	84.8	88.2	-3.32	36.97	32.33	26.327	798.25	0	
"2012-06-01	18:00:00"	16.41	191	14.93	25.45	13.25	188.6	17.05	21.28	86.2	89.1	-2.94	34.1	29.96	26.308	630.35	0	
"2012-06-01	19:00:00"	15.66	197.1	13.79	24.26	12.56	194.7	15.97	20.68	86.9	89	-2.116	32.25	28.82	26.285	355.56	0	
"2012-06-01	20:00:00"	14.65	194.7	11.02	21.87	11.52	193.2	14.06	19.49	86	87	-0.969	32.86	30.27	26.27	140.77	0	
"2012-06-01	21:00:00"	12.65	181.9	10.17	18.3	9.96	179.8	13.03	15.31	83.9	84.4	-0.436	34.74	32.51	26.264	32.902	0	
"2012-06-01	22:00:00"	9.7	165.6	9.52	14.12	7.553	161.7	10.61	11.74	80.1	80.3	-0.235	39.15	36.93	26.273	0.27476	0	
"2012-06-01	23:00:00"	9.45	158.9	9.19	14.12	7.515	156.6	9.76	12.93	77.65	77.2	0.451	43.04	41.31	26.288	0	0	
"2012-06-02	00:00:00"	11.01	159.7	9.7	17.7	9.03	156.9	10.03	14.12	74.96	75.05	-0.094	50.42	47.75	26.308	0	0	
"2012-06-02	01:00:00"	11.92	163.1	10.02	18.3	9.67	161.1	11.3	15.31	73.97	73.72	0.247	56.1	54.26	26.306	0	0	
"2012-06-02	02:00:00"	17.73	171.8	7.044	27.24	14	170.1	9.4	22.47	73.84	73.68	0.163	58.45	56.78	26.3	0	0	
"2012-06-02	03:00:00"	13.2	157.8	16.39	21.28	10.55	156	17.07	18.3	71.95	72.2	-0.243	66.83	64.02	26.31	0	0	
"2012-06-02	04:00:00"	9.95	88.8	10.86	13.52	7.624	88	11.25	11.14	69.66	69.96	-0.3	73.71	69.92	26.339	0	0	
"2012-06-02	05:00:00"	11.39	100.3	8.13	15.31	8.92	99.4	9.78	12.93	68.83	68.75	0.082	76.49	74.15	26.327	0	0	
"2012-06-02	06:00:00"	10.79	103	16.89	16.51	8.32	102.4	18.21	12.33	68.23	68.08	0.151	78.39	76.21	26.325	0	0	
"2012-06-02	07:00:00"	10	136.8	11.22	14.12	7.848	135.9	11.56	11.74	68.05	67.97	0.073	78.57	76.74	26.315	1.5027	0	
"2012-06-02	08:00:00"	6.782	127.2	12.81	10.54	5.355	125.4	13.82	8.16	67.46	67.41	0.049	79.05	77.4	26.325	57.272	0	
"2012-06-02	09:00:00"	6.335	168.9	22.24	13.52	5.182	167.7	24.03	11.74	69.88	70.57	-0.691	73.17	71.67	26.342	212.11	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-02	10:00:00"	9.41	175.2	15.56	14.72	7.796	173.3	17.92	12.93	72.61	74.86	-2.243	67.77	62.01	26.347	432.65	0	
"2012-06-02	11:00:00"	8.63	173.4	17.56	13.52	7.24	171.1	18.48	11.74	78.03	81.1	-3.113	56.11	49.7	26.344	653.45	0	
"2012-06-02	12:00:00"	8.71	150.1	19.76	15.31	7.426	148.8	20.08	13.52	82.1	86.7	-4.569	46.03	38.56	26.345	823.72	0	
"2012-06-02	13:00:00"	9.18	176.4	20.94	18.3	7.774	173.8	24.08	15.31	85.2	90.4	-5.2	38.6	32.2	26.339	932.68	0	
"2012-06-02	14:00:00"	9.35	188.1	25.91	16.51	8.06	185.9	30.06	15.31	88.4	93.9	-5.58	31.82	26.1	26.32	978.18	0	
"2012-06-02	15:00:00"	10.95	161.2	22.06	19.49	9.28	160	23.2	18.3	89.9	95.5	-5.567	28	22.62	26.3	953.68	0	
"2012-06-02	16:00:00"	11.17	165.7	28.15	22.47	9.45	163.9	29.39	21.28	91.3	96.5	-5.188	25.4	20.59	26.278	911.28	0	
"2012-06-02	17:00:00"	13.11	160.8	20.5	23.07	10.98	158.1	21.5	20.09	92.5	96.6	-4.125	21.8	17.92	26.252	803.13	0	
"2012-06-02	18:00:00"	13.37	174.5	18.04	27.24	11.03	172.3	19.15	22.47	93	96	-2.979	19.43	16.27	26.236	421.07	0	
"2012-06-02	19:00:00"	14	170.8	16	21.28	11.38	168.7	17.22	18.3	92.5	94.1	-1.616	22.31	19.58	26.223	233.07	0	
"2012-06-02	20:00:00"	13.79	159.9	10.87	19.49	11.38	157.5	11.91	17.7	91.4	92.2	-0.791	24.91	22.56	26.216	108.28	0	
"2012-06-02	21:00:00"	12.44	161.2	9.32	18.3	10.22	158.4	10.45	15.31	89.2	89.6	-0.421	29.21	27.01	26.222	22.902	0	
"2012-06-02	22:00:00"	10.76	153.1	8.18	16.51	8.93	151.4	8.29	14.72	85.8	86.2	-0.407	31.82	29.51	26.241	0.12746	0	
"2012-06-02	23:00:00"	12.67	159.6	9.82	21.28	11.31	157.4	10.51	18.89	83.5	83.4	0.106	35.95	34.14	26.255	0	0	
"2012-06-03	00:00:00"	17.88	169.3	7.452	26.65	14.31	167.7	9.94	23.66	81.8	81.9	-0.041	42.12	40.02	26.265	0	0	
"2012-06-03	01:00:00"	20.85	172.4	7.52	31.42	16.74	170	9.56	24.86	79.83	80	-0.216	50.17	47.75	26.275	0	0	
"2012-06-03	02:00:00"	19.75	177.9	7.014	32.01	15.88	174.4	9.67	27.84	77.85	78.01	-0.162	55.19	52.91	26.264	0	0	
"2012-06-03	03:00:00"	18.06	173.3	6.514	26.65	14.44	170.8	8.95	22.47	76.52	76.52	0.003	56.48	54.54	26.252	0	0	
"2012-06-03	04:00:00"	14.69	170.1	10.35	24.26	11.82	167.9	11.81	22.47	76.21	76.21	-0.004	53.85	51.95	26.256	0	0	
"2012-06-03	05:00:00"	10.58	150	10.03	17.1	8.74	148	10.43	14.12	74.91	75.04	-0.126	53.81	51.39	26.263	0	0	
"2012-06-03	06:00:00"	11.01	151.8	12.07	16.51	8.94	149.7	12.24	14.72	73.82	73.54	0.274	54.06	52.45	26.263	0	0	
"2012-06-03	07:00:00"	10.41	156.5	11.31	15.91	8.44	155.7	11.75	14.12	71.86	72.03	-0.164	56.1	53.53	26.264	1.0625	0	
"2012-06-03	08:00:00"	12.07	166.4	9.11	19.49	9.69	165.4	10.39	15.91	70.66	70.58	0.084	56.96	55.24	26.265	58.663	0	
"2012-06-03	09:00:00"	17.45	175.4	7.23	25.45	13.95	172.6	9.34	21.87	74.91	74.62	0.287	48	46.84	26.27	229.28	0	
"2012-06-03	10:00:00"	17.86	183.9	9.15	26.05	14.15	181.5	12.67	21.28	79.1	79.88	-0.778	41.4	38.86	26.282	402.75	0	
"2012-06-03	11:00:00"	16.08	200.4	13.25	26.05	12.88	198.9	16.05	20.09	83.2	84.8	-1.63	35.93	33.04	26.285	637.9	0	
"2012-06-03	12:00:00"	13.99	213.6	16.31	24.26	11.53	211.8	19.64	19.49	87.4	89.9	-2.543	26.51	23.49	26.285	812.52	0	
"2012-06-03	13:00:00"	10.36	212.4	21.1	20.68	8.77	213	25.08	18.3	89.9	94	-4.121	22.69	18.85	26.286	915.81	0	
"2012-06-03	14:00:00"	9.88	218	31.99	18.89	8.35	217.9	35.92	16.51	92	97.1	-5.107	21.06	17	26.275	961.43	0	
"2012-06-03	15:00:00"	10.54	212.5	25.39	24.26	8.88	211.3	29.55	24.26	93.9	99.3	-5.349	19.56	15.5	26.257	936.53	0	
"2012-06-03	16:00:00"	10.21	198.6	23.68	21.28	8.81	198.6	27.39	17.7	95	100.1	-5.023	18.24	14.41	26.24	884.77	0	
"2012-06-03	17:00:00"	10.98	181.9	23.01	24.26	9.37	179.2	26.29	20.68	95.9	100.2	-4.309	17.56	14.03	26.223	767.06	0	
"2012-06-03	18:00:00"	10.44	185.3	17.54	20.68	8.7	182.5	20.63	17.7	96.5	99.7	-3.236	16.91	13.82	26.211	405.83	0	
"2012-06-03	19:00:00"	10.16	181.1	15.36	18.3	8.34	179.2	17.68	15.91	96.3	97.9	-1.595	17.55	15.06	26.2	277.51	0	
"2012-06-03	20:00:00"	16.22	167.8	11.54	24.26	13.31	166.1	12.82	21.28	93.8	95.7	-1.967	25.09	22.01	26.204	227.36	0	
"2012-06-03	21:00:00"	16.98	170.2	7.677	23.07	13.7	168.4	9.79	20.68	90.3	91.3	-0.99	27.92	25.4	26.226	54.972	0	
"2012-06-03	22:00:00"	14.85	172.9	6.306	20.09	11.72	170.8	8.94	17.7	85.9	86.3	-0.383	33.31	31.1	26.243	0.33304	0	
"2012-06-03	23:00:00"	14.27	172.8	6.455	23.07	11.22	170.9	9.14	18.3	82.7	82.8	-0.117	37.07	35.12	26.264	0	0	
"2012-06-04	00:00:00"	13.76	174	7.768	19.49	10.78	172.3	9.73	16.51	80.1	80.1	0.02	40.77	38.75	26.282	0	0	
"2012-06-04	01:00:00"	11.25	179.2	9.59	17.1	8.88	177	12.72	15.31	77.85	77.92	-0.071	45.29	42.82	26.293	0	0	
"2012-06-04	02:00:00"	11.71	175.1	10.76	17.7	9.2	174.2	13.13	15.31	75.98	75.79	0.189	52.29	50.17	26.287	0	0	
"2012-06-04	03:00:00"	13.22	182.1	8.52	18.89	10.46	180.5	11.66	17.7	74.94	74.81	0.127	58.82	56.8	26.276	0	0	
"2012-06-04	04:00:00"	12.25	183.9	9.29	17.7	9.56	182.2	12.55	15.91	74.15	73.94	0.217	62.2	60.45	26.27	0	0	
"2012-06-04	05:00:00"	7.827	184.1	11.8	13.52	5.955	182.9	15.11	11.14	72.39	72.22	0.175	64.93	62.82	26.27	0	0	
"2012-06-04	06:00:00"	6.653	176.3	35.79	11.14	4.967	174.5	37.89	8.16	71.09	70.4	0.691	66.28	65.28	26.266	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-06-04	07:00:00"	6.706	86	36.47	10.54	4.469	80.2	42.59	8.75	68.16	67.38	0.772	70.87	68.01	26.278	2.2094	0
"2012-06-04	08:00:00"	6.272	70.18	21.46	11.14	4.158	65.63	21.68	8.75	66.8	65.71	1.092	73.95	74.1	26.28	79.627	0
"2012-06-04	09:00:00"	6.227	137	43.73	10.54	5.282	136	44.14	9.95	71.6	71.93	-0.326	65.92	65.33	26.283	258.23	0
"2012-06-04	10:00:00"	5.881	235.6	82	16.51	4.994	236.1	82.6	14.12	75.75	78.99	-3.24	57.36	50.76	26.302	447.37	0
"2012-06-04	11:00:00"	9.31	31.79	20.34	17.7	8.07	31.2	23.7	15.91	77.57	82.1	-4.515	54.69	45.63	26.316	664.34	0
"2012-06-04	12:00:00"	8.99	62.31	18.72	15.91	7.659	63.82	20.53	13.52	81.7	86	-4.305	45.59	38.23	26.31	826.32	0
"2012-06-04	13:00:00"	9.14	79.77	22.68	15.31	7.814	80.1	25	13.52	86.3	91.1	-4.806	35.79	30.06	26.303	932.77	0
"2012-06-04	14:00:00"	9.48	90	21.33	17.1	8.04	90.3	23.28	14.72	90	95.3	-5.284	30.02	24.47	26.29	974.39	0
"2012-06-04	15:00:00"	10.73	116.3	22.21	18.89	9.01	116.6	24.53	17.7	92.7	98	-5.287	24.95	20.07	26.269	944.01	0
"2012-06-04	16:00:00"	10.61	144.8	30.71	21.28	8.99	144.5	31.44	18.3	94.9	100.1	-5.107	17.89	13.99	26.239	910.02	0
"2012-06-04	17:00:00"	13.29	163.8	17.5	23.07	11.07	161.8	18.81	20.68	95.6	100	-4.452	19.83	15.94	26.205	782.7	0
"2012-06-04	18:00:00"	11.57	166.9	21.81	21.28	9.76	165	22.45	18.89	95.7	99.3	-3.559	19.21	15.74	26.184	471.95	0
"2012-06-04	19:00:00"	10.16	172	10.73	23.66	8.39	169.9	12.74	18.3	95.2	96.3	-1.103	17.77	15.5	26.176	98.33	0
"2012-06-04	20:00:00"	14.35	65.08	69.38	26.65	11.57	66.41	68.58	23.07	85.8	88.4	-2.657	29.38	24.38	26.206	55.032	0
"2012-06-04	21:00:00"	23.17	39.21	9.41	37.98	19.05	40	11.23	32.61	72.41	73.34	-0.931	51.89	47.64	26.249	7.0771	0
"2012-06-04	22:00:00"	18.55	44.17	8.29	26.65	15.33	45.32	9.93	24.86	72.98	73.14	-0.157	48.22	45.75	26.262	0.08028	0
"2012-06-04	23:00:00"	11.5	19.36	7.676	20.68	9.16	16.94	13.51	18.3	73.88	73.9	-0.02	43.56	41.52	26.288	0	0
"2012-06-05	00:00:00"	8.91	51.39	43.58	15.31	7.181	51.74	46.24	13.52	72.97	73.22	-0.255	46.11	43.32	26.311	0	0
"2012-06-05	01:00:00"	7.453	74.19	22.58	12.93	6.084	75.23	24.16	11.74	70.99	72.01	-1.019	54.43	49.57	26.318	0	0
"2012-06-05	02:00:00"	7.213	62.78	22.52	14.72	5.945	62.94	23.78	13.52	69.86	70.41	-0.544	58.2	54.7	26.346	0	0
"2012-06-05	03:00:00"	10.06	78.79	24.22	16.51	8.14	80.6	23.92	13.52	67.94	69.09	-1.151	63.98	58.62	26.352	0	0
"2012-06-05	04:00:00"	7.583	91.4	19	13.52	6.178	90.6	21.04	11.14	65.72	66.67	-0.95	71.16	65.93	26.348	0	0
"2012-06-05	05:00:00"	5.694	26.64	15.11	8.16	4.341	23.9	19.09	8.16	64.13	64.74	-0.612	75.46	69.97	26.362	0	0
"2012-06-05	06:00:00"	8.15	10.08	11.93	9.95	6.031	3.267	15.19	8.16	63.48	63.49	-0.005	77.44	74.65	26.351	0	0
"2012-06-05	07:00:00"	8.73	12.55	8.42	12.33	6.759	8.85	13.77	9.95	62.91	62.93	-0.014	78.43	75.9	26.349	3.9949	0
"2012-06-05	08:00:00"	8.07	21.79	12.16	12.93	6.606	20.87	17.12	11.14	64.07	64.21	-0.132	75.28	74.06	26.355	64.5	0
"2012-06-05	09:00:00"	8.11	11.88	8.35	11.14	6.767	8.43	13	9.95	66.38	67.09	-0.707	69.24	66.87	26.357	153.36	0
"2012-06-05	10:00:00"	8.16	7.747	13.56	11.74	6.946	3.704	17.12	11.14	69.88	71.73	-1.848	60.41	56.11	26.368	284.73	0
"2012-06-05	11:00:00"	4.26	310.5	93.2	10.54	3.961	299.4	91.4	9.95	73.16	77.64	-4.483	56.01	47.34	26.367	443.47	0
"2012-06-05	12:00:00"	4.945	194.7	57.3	12.33	4.594	194.6	61.88	10.54	75.34	81.9	-6.576	55.86	43.87	26.355	732.9	0
"2012-06-05	13:00:00"	8.48	198.9	39.01	17.7	7.273	198.6	43.73	15.91	77.29	83.9	-6.634	52.75	40.77	26.342	895.16	0
"2012-06-05	14:00:00"	7.278	173.6	27.57	15.91	6.225	171.4	31.03	13.52	78.83	85.4	-6.61	48.92	37.89	26.33	589.27	0
"2012-06-05	15:00:00"	6.905	168.4	49.98	15.91	6.05	165.2	51.55	12.93	80.8	87	-6.187	45.16	35.95	26.312	656.71	0
"2012-06-05	16:00:00"	6.72	127.7	34.46	17.1	5.874	127.6	38.46	15.31	82.4	87.6	-5.161	40.79	33.4	26.285	537.46	0
"2012-06-05	17:00:00"	6.264	158.7	38.99	14.72	5.782	157.3	40.78	12.93	84.4	90.8	-6.37	36.98	29.76	26.26	739.54	0
"2012-06-05	18:00:00"	6.582	152.9	45.69	14.72	6.015	149.9	49.29	12.93	85.5	92	-6.499	36.31	28.83	26.237	609.61	0
"2012-06-05	19:00:00"	7.735	153.2	27.03	20.09	6.806	152.1	27.81	16.51	85.9	90.4	-4.493	35.93	29.95	26.218	340.87	0
"2012-06-05	20:00:00"	10.91	146.3	15.34	17.1	9.22	145.2	15.71	15.31	85.4	87.8	-2.351	37.12	32.94	26.217	178.64	0
"2012-06-05	21:00:00"	9.55	121.2	13.37	14.72	7.775	120.9	14.58	12.33	84.6	85.8	-1.214	38.13	34.89	26.23	44.929	0
"2012-06-05	22:00:00"	8.37	84.4	11.47	13.52	6.264	82.9	12.15	10.54	80.4	81.3	-0.945	46.01	41.57	26.245	0.21575	0
"2012-06-05	23:00:00"	11.99	87.1	7.465	17.7	9.3	87	8.71	14.72	77.61	77.82	-0.207	54.35	51.28	26.267	0	0
"2012-06-06	00:00:00"	11.4	92.7	7.033	17.7	8.81	91.7	8.23	15.31	76.15	76.4	-0.252	57.56	54.43	26.277	0	0
"2012-06-06	01:00:00"	8.91	101.2	8.04	12.33	6.677	98.8	9.02	9.95	73.91	73.89	0.022	61.88	59.15	26.268	0	0
"2012-06-06	02:00:00"	8.53	101.7	8.31	12.93	6.143	98.3	9.41	9.95	72.39	72.27	0.125	64.04	61.49	26.256	0	0
"2012-06-06	03:00:00"	8.99	115.9	9.6	12.93	6.443	114.5	11.91	10.54	71.16	70.64	0.519	65.14	63.84	26.244	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-06	04:00:00"	7.966	85.9	10.7	9.95	5.371	81.2	11.85	8.16	68.27	68.55	-0.277	70.34	66.35	26.245	0	0
"2012-06-06	05:00:00"	8.42	93.4	6.955	12.93	5.478	86.2	8.91	9.35	66.81	66.35	0.464	73.22	71.09	26.246	0	0
"2012-06-06	06:00:00"	9.87	100.9	6.502	14.12	7.279	98.3	7.721	10.54	66.02	65.71	0.312	74.31	72.69	26.247	0	0
"2012-06-06	07:00:00"	11.73	104.3	6.589	16.51	9.09	102.5	7.573	13.52	65.66	65.28	0.381	73.5	72.35	26.251	1.2094	0
"2012-06-06	08:00:00"	14.1	105.6	7.274	21.87	11.28	105.1	8.97	17.1	66.91	66.58	0.323	69.63	69.08	26.266	75.669	0
"2012-06-06	09:00:00"	17.82	109.5	8.44	26.65	14.33	109.6	11.05	21.87	70.86	71.66	-0.798	60.23	57.5	26.289	270.09	0
"2012-06-06	10:00:00"	20.19	104.4	10.76	28.43	16.35	104.7	12.68	24.26	73.15	74.5	-1.349	55.66	51.54	26.308	428.33	0
"2012-06-06	11:00:00"	21.2	107.9	10.44	29.63	17.16	107.6	12.69	25.45	76.26	78.56	-2.3	49.89	44.51	26.302	667.36	0
"2012-06-06	12:00:00"	22.66	121.2	10.84	33.21	18.16	121.7	12.48	29.63	78.56	81.4	-2.803	44.23	38.93	26.302	820.62	0
"2012-06-06	13:00:00"	21.68	130	10.77	32.61	17.58	130.4	11.72	26.05	81.4	84.9	-3.435	39.11	34.25	26.297	923.58	0
"2012-06-06	14:00:00"	19.49	132.9	13.08	31.42	15.87	132.5	13.72	26.05	82.9	87.1	-4.207	37.14	31.7	26.284	971.07	0
"2012-06-06	15:00:00"	18.89	138.8	13.82	29.03	15.66	138	14.39	25.45	85.2	89.3	-4.046	34.05	29.01	26.261	928.22	0
"2012-06-06	16:00:00"	15.31	141.8	19.18	27.24	12.71	141	19.75	24.86	88.2	92.2	-3.979	30.11	25.55	26.238	895.68	0
"2012-06-06	17:00:00"	14.5	147.3	23.17	39.17	11.97	146.3	23.45	32.01	91.1	95	-3.914	24.82	20.74	26.211	754.97	0
"2012-06-06	18:00:00"	11.13	171.2	23.45	25.45	9.15	168.6	25.41	21.28	92.1	96.4	-4.283	21.91	17.9	26.195	647.3	0
"2012-06-06	19:00:00"	7.752	179.3	39.26	20.09	6.643	175.9	40.34	17.1	92.7	96.6	-3.873	19.9	16.26	26.186	441.16	0
"2012-06-06	20:00:00"	9.84	157.6	31.43	23.07	8.16	155.1	31.5	20.68	92.5	95	-2.542	20.41	17.16	26.187	224.2	0
"2012-06-06	21:00:00"	16.65	97.8	9.33	26.05	13.45	97.6	10.95	21.28	84.1	86.1	-1.953	37.65	33.15	26.208	38.831	0
"2012-06-06	22:00:00"	15.41	90.1	7.945	23.07	12.21	89.1	9.64	20.09	79.08	79.64	-0.559	44.2	40.61	26.226	0.3796	0
"2012-06-06	23:00:00"	16.95	86.7	6.955	24.26	13.3	85.2	8.61	20.68	74.84	75.3	-0.46	50.78	47.36	26.261	0	0
"2012-06-07	00:00:00"	16.65	92.4	7.689	24.86	13.16	91.8	8.38	20.09	73.13	73.13	0.007	51.92	49.56	26.285	0	0
"2012-06-07	01:00:00"	15.4	100.2	7.101	22.47	12.19	99.8	8.76	18.3	72.56	72.48	0.076	52.37	50.09	26.29	0	0
"2012-06-07	02:00:00"	13.07	103.2	7.096	18.3	10.32	102.5	8.78	15.31	71.38	71.21	0.172	55.12	52.93	26.28	0	0
"2012-06-07	03:00:00"	11	99.1	8.75	17.1	8.59	97.8	9.84	14.12	69.86	69.84	0.021	59.12	56.47	26.272	0	0
"2012-06-07	04:00:00"	8.24	86.1	7.158	12.33	6.889	82.6	8.86	9.95	67.12	67.2	-0.081	64.06	60.87	26.263	0	0
"2012-06-07	05:00:00"	9.92	73.85	7.506	14.12	7.049	72.52	8.57	11.14	65.12	65	0.12	67.62	64.89	26.269	0	0
"2012-06-07	06:00:00"	10.71	66.69	7.518	14.72	7.566	67.81	9.7	11.14	63.39	63.57	-0.182	74.72	70.81	26.281	0	0
"2012-06-07	07:00:00"	12.81	72.98	7.267	17.1	10.05	73.73	8.53	15.31	63.48	63.26	0.226	79.58	77.64	26.296	1.9878	0
"2012-06-07	08:00:00"	14.95	74.15	8.78	21.87	11.71	74.6	9.99	18.89	63.85	64.24	-0.39	83.1	80.1	26.312	89.811	0
"2012-06-07	09:00:00"	15.82	85.8	8.94	21.87	12.85	84.7	10.88	19.49	66.53	67.6	-1.066	78.97	75.46	26.323	276.15	0
"2012-06-07	10:00:00"	15.3	90.9	10.34	24.26	12.54	90.3	12.24	21.28	69.97	71.92	-1.943	70.57	65.15	26.346	479.99	0
"2012-06-07	11:00:00"	17.13	85.4	11	25.45	13.98	84.9	12.27	22.47	73.4	75.88	-2.481	63.14	56.64	26.365	672.88	0
"2012-06-07	12:00:00"	16.91	106.4	15.67	26.65	13.89	105.7	17.67	21.87	76.76	79.89	-3.133	56.3	49.36	26.366	825.16	0
"2012-06-07	13:00:00"	15.6	128.6	14.18	28.43	12.82	129.1	15.93	24.86	80.1	84.3	-4.252	51.46	43.27	26.357	937.68	0
"2012-06-07	14:00:00"	13.25	148.8	20.52	21.87	11.15	147.6	22.55	20.68	83.9	88.6	-4.687	44.81	37.33	26.34	980.49	0
"2012-06-07	15:00:00"	10.61	139.3	30.24	18.3	9.05	139.4	32.43	17.1	87.1	92.4	-5.274	38.16	31.61	26.327	889.84	0
"2012-06-07	16:00:00"	9.07	144.3	35.18	19.49	7.872	143.1	36.08	17.1	89.2	95.2	-6.013	33.25	26.81	26.312	927.18	0
"2012-06-07	17:00:00"	9.11	133.6	41.35	20.68	7.925	130.7	42.33	17.7	90.1	96.1	-5.97	32.22	25.81	26.298	776.84	0
"2012-06-07	18:00:00"	10.01	137.8	21.43	18.89	8.53	138.7	23.65	16.51	91.1	96.1	-5.059	31.15	25.45	26.287	630.43	0
"2012-06-07	19:00:00"	10.12	130.2	23.04	17.7	8.55	130.4	24.69	14.72	91.3	95.4	-4.078	30.13	25.24	26.28	430.41	0
"2012-06-07	20:00:00"	14.65	129.4	16.78	28.43	11.94	129.2	17.31	24.86	90.4	93.2	-2.81	32.39	28.05	26.283	213.59	0
"2012-06-07	21:00:00"	21.21	118	9.54	29.63	16.66	118.4	11.56	26.05	85.9	87.1	-1.198	42.32	38.47	26.305	46.178	0
"2012-06-07	22:00:00"	19.53	111.3	7.733	28.43	15.46	111.4	10.28	25.45	81.5	82	-0.534	46.4	43.07	26.324	0.32118	0
"2012-06-07	23:00:00"	16.7	111.1	8.38	24.86	13.3	111.5	10.84	21.87	79.15	79.38	-0.23	47.51	44.78	26.343	0	0
"2012-06-08	00:00:00"	16.37	109.6	7.864	23.66	13.07	110.1	10.05	18.89	76.25	76.43	-0.187	49.46	46.68	26.36	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-08	01:00:00"	13.88	107.5	10.88	21.87	11.07	107.7	12.54	18.89	73.92	74.33	-0.412	54.76	51.05	26.37	0
"2012-06-08	02:00:00"	15.26	92.8	7.536	23.66	12.27	92.7	8.78	20.68	68.14	69.25	-1.106	81.2	74.48	26.377	0
"2012-06-08	03:00:00"	15.37	94.5	6.821	21.28	12.3	94.4	8.07	17.7	66.36	66.8	-0.439	85.7	81.6	26.377	0
"2012-06-08	04:00:00"	17.37	107.7	8.07	26.65	13.86	107.9	10.31	22.47	65.65	65.78	-0.133	83.1	80.9	26.377	0
"2012-06-08	05:00:00"	15.56	102.5	8.03	23.66	12.63	102.1	9.61	18.89	64.56	64.81	-0.254	84	80.8	26.376	0
"2012-06-08	06:00:00"	14.64	102.2	7.42	23.66	11.82	102.5	9	20.09	63.9	64	-0.099	84.8	82.3	26.385	0
"2012-06-08	07:00:00"	13.13	106.7	6.807	20.68	10.56	106.2	8.81	17.1	63.54	63.59	-0.048	83.9	81.8	26.397	2.7136
"2012-06-08	08:00:00"	12.23	104.1	7.243	19.49	9.94	104.3	8.97	15.91	63.46	63.81	-0.346	84.2	81.8	26.414	74.708
"2012-06-08	09:00:00"	17.25	113.2	8.39	24.26	13.66	113.7	11.02	21.28	65.67	66.73	-1.06	78.15	74.89	26.422	254.5
"2012-06-08	10:00:00"	15.84	117.8	10.8	22.47	12.76	118.6	12.98	20.09	68.52	70.83	-2.307	70.95	64.96	26.426	475.2
"2012-06-08	11:00:00"	15.5	127.4	12.03	23.07	12.81	127.7	13.26	20.09	71.24	74.6	-3.363	65.95	57.99	26.422	657.76
"2012-06-08	12:00:00"	14.84	120.5	14.51	21.87	12.27	120.7	15.76	18.3	73.82	77.7	-3.879	61.87	53.13	26.413	761.08
"2012-06-08	13:00:00"	13.9	124.6	19.18	23.07	11.6	124.9	20.86	21.28	76.21	80.7	-4.48	57.91	48.53	26.402	887.82
"2012-06-08	14:00:00"	14.15	129.7	16.47	23.07	11.86	129.5	16.76	20.09	78.84	83.8	-4.936	53.27	43.78	26.38	972.94
"2012-06-08	15:00:00"	13.54	136.4	16.04	24.86	11.33	136.2	16.85	22.47	81.5	86.8	-5.335	48.98	39.53	26.361	916.43
"2012-06-08	16:00:00"	13.22	141.1	17.27	23.07	11.26	140.5	18.14	21.87	83.2	88.1	-4.864	45.64	37.5	26.342	891.14
"2012-06-08	17:00:00"	12.22	142.7	20.2	22.47	10.39	141.5	20.86	20.09	84.8	89.7	-4.874	42	34.83	26.318	791.66
"2012-06-08	18:00:00"	12.71	139.3	18.53	21.87	10.65	138.5	18.68	19.49	86	90.4	-4.35	39.9	33.73	26.296	622.13
"2012-06-08	19:00:00"	14.52	142.1	14.96	23.07	12.02	141.6	15.07	21.87	86.6	90	-3.41	38.68	33.59	26.278	423.69
"2012-06-08	20:00:00"	16.4	133.4	8.76	23.66	13.32	132.7	9.49	20.68	86	88.3	-2.318	39.28	35.09	26.27	213.76
"2012-06-08	21:00:00"	17.28	132.1	7.545	23.66	13.8	132.2	8.65	20.09	84.1	85.3	-1.194	42.71	38.96	26.267	50.495
"2012-06-08	22:00:00"	14.93	127.4	6.55	22.47	11.7	127.6	8.26	17.1	81.5	81.8	-0.283	46.23	43.39	26.269	0.4995
"2012-06-08	23:00:00"	13.96	125.8	6.569	20.09	10.94	126.6	8.47	16.51	79.34	79.51	-0.174	49.97	47.28	26.278	0
"2012-06-09	00:00:00"	12.88	129.4	6.763	18.89	10.03	129.8	8.12	15.31	76.93	77.14	-0.205	54.14	51.36	26.29	0
"2012-06-09	01:00:00"	12.88	134.8	8.65	18.3	10.23	134.1	8.97	14.72	75.01	75.13	-0.124	58.07	55.48	26.29	0
"2012-06-09	02:00:00"	12.42	146.3	7.692	17.1	10.18	145.1	7.97	14.72	73.49	73.65	-0.166	60.54	57.96	26.281	0
"2012-06-09	03:00:00"	11.51	149.2	8.7	17.1	9.5	147.2	8.69	15.31	72.01	72.18	-0.169	62.02	59.47	26.266	0
"2012-06-09	04:00:00"	9.22	133.7	9.85	12.33	7.102	132.4	10.97	10.54	69.96	70.19	-0.226	65.35	62.28	26.25	0
"2012-06-09	05:00:00"	8.32	124.1	9.08	11.74	6.102	122.9	10.68	9.35	67.7	67.66	0.033	69.55	66.81	26.247	0
"2012-06-09	06:00:00"	7.278	121.7	8.03	9.95	5.249	120.5	10.24	7.561	65.97	65.94	0.03	73.05	70.27	26.248	0
"2012-06-09	07:00:00"	8.75	126.7	7.85	12.93	6.495	126.2	9.76	10.54	64.83	64.67	0.166	75.44	73.3	26.244	2.995
"2012-06-09	08:00:00"	7.394	146.4	15.13	11.74	5.908	145.2	15.98	9.35	65.52	65.53	-0.013	75.67	74.28	26.242	87.977
"2012-06-09	09:00:00"	10.39	178.9	9.57	15.91	8.28	176.5	12.3	12.93	69.17	70.26	-1.092	71.55	68.02	26.241	271.8
"2012-06-09	10:00:00"	12.34	191.7	12.35	17.7	9.85	189.8	15.13	14.72	74.58	76	-1.423	61.17	57.29	26.239	475.66
"2012-06-09	11:00:00"	11.81	210.1	14.84	18.89	9.74	208.6	17.93	15.91	79.51	82.1	-2.566	46.96	41.87	26.237	667.87
"2012-06-09	12:00:00"	10.59	240.3	16.29	18.89	8.95	242.9	19.41	17.1	84.6	87.7	-3.087	33.47	29.54	26.226	816.59
"2012-06-09	13:00:00"	11.74	262.2	18.51	20.09	9.37	264.6	20.35	17.7	91.6	95	-3.436	17.37	14.78	26.21	931.44
"2012-06-09	14:00:00"	12.42	264.4	18.87	21.87	9.8	266.8	20.9	17.7	95	99.1	-4.168	9.07	6.758	26.192	876.52
"2012-06-09	15:00:00"	11.52	271.2	25.56	20.68	8.84	273.7	27.64	18.3	96.2	100.7	-4.497	6.887	4.6	26.171	847.22
"2012-06-09	16:00:00"	13.72	262.5	18.71	27.24	10.84	265.4	21.44	25.45	98.2	102.4	-4.147	7.1	4.78	26.142	898.45
"2012-06-09	17:00:00"	16.62	251.9	18.52	27.84	13.38	254.9	20.97	25.45	99.8	103	-3.231	6.019	3.854	26.119	806.57
"2012-06-09	18:00:00"	13.82	259.3	20.22	25.45	10.82	263.3	23.41	21.28	99.8	103.2	-3.316	5.59	3.486	26.103	666.3
"2012-06-09	19:00:00"	12.83	261.2	17.62	23.66	10.06	264.8	18.83	21.28	99.9	102.3	-2.477	5.873	3.818	26.088	452.42
"2012-06-09	20:00:00"	13.44	265.7	14.52	22.47	10.28	270.1	15.84	18.89	99.1	100.4	-1.297	6.307	4.358	26.082	235.42
"2012-06-09	21:00:00"	11.89	268.5	9.3	22.47	9.03	271.3	10.4	17.1	96.5	96.8	-0.321	7.218	5.321	26.091	59.138

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-09	22:00:00"	6.164	244.3	13.69	9.95	4.673	244.9	18.71	7.561	90.4	89.2	1.178	9.31	7.811	26.11	0.4152
"2012-06-09	23:00:00"	4.519	232.5	12.32	10.54	3.905	226.3	13.96	8.75	86.6	84.3	2.294	10.89	9.79	26.125	0
"2012-06-10	00:00:00"	5.973	210	29.01	17.1	4.939	204.7	32.08	15.31	83.1	81.5	1.609	14.09	12.52	26.137	0
"2012-06-10	01:00:00"	14.88	173.5	7.418	22.47	11.55	171.5	9.55	18.89	80.3	79.55	0.785	42.06	40.36	26.144	0
"2012-06-10	02:00:00"	15.99	178.5	6.787	23.66	12.61	176	9.85	18.89	79.5	79.28	0.22	49.56	47.56	26.141	0
"2012-06-10	03:00:00"	14.77	179.2	7.669	21.87	11.52	177.1	10.43	18.3	77.56	77.48	0.086	54.81	52.67	26.14	0
"2012-06-10	04:00:00"	9.72	192.4	10.81	15.91	7.463	194.2	14.04	13.52	75.39	75.18	0.209	59.97	57.81	26.148	0
"2012-06-10	05:00:00"	8.59	202.1	11.1	13.52	6.536	201.9	13.05	11.14	73.62	73.05	0.575	63.1	61.69	26.156	0
"2012-06-10	06:00:00"	7.229	212.7	13.04	10.54	5.775	212	14.98	9.35	71.93	71.35	0.584	65.37	64.02	26.167	0
"2012-06-10	07:00:00"	7.043	226.1	13.04	10.54	5.584	227.3	15.5	8.16	70.39	69.67	0.725	68.15	66.96	26.176	1.9565
"2012-06-10	08:00:00"	7.758	227.5	16.33	12.93	6.386	227.3	19.63	9.95	69.5	69.58	-0.079	70	68.13	26.192	88.515
"2012-06-10	09:00:00"	8	225.8	13.83	12.33	6.807	226.3	16.72	11.74	71.37	72.38	-1.008	65.34	62.04	26.211	279.19
"2012-06-10	10:00:00"	9.41	251	16.3	17.1	7.83	254.6	17.87	14.72	79.26	80.1	-0.883	41.85	40.08	26.221	490.06
"2012-06-10	11:00:00"	13.5	280.4	13.71	23.66	9.7	282.8	14.84	17.1	89.3	90.6	-1.301	13.32	12.11	26.227	688.86
"2012-06-10	12:00:00"	17.75	292.7	14.43	29.63	11.68	294.9	16.32	21.87	93.2	96.2	-3.007	8.56	6.477	26.23	855.06
"2012-06-10	13:00:00"	17.64	291	14.3	27.84	11.66	293.3	16.34	22.47	94.4	98.2	-3.816	8.19	5.885	26.228	963.96
"2012-06-10	14:00:00"	15.64	275.2	16.12	29.03	11.62	278.4	18.06	22.47	96.3	100.7	-4.457	7.357	4.981	26.218	1009.3
"2012-06-10	15:00:00"	17.58	267.9	18	31.42	13.48	271	19.44	27.84	97.5	101.9	-4.369	7.201	4.76	26.206	985.66
"2012-06-10	16:00:00"	17.32	254.6	20.77	27.84	14.1	257.6	23.37	26.05	98	101.8	-3.823	7.294	4.881	26.198	946.99
"2012-06-10	17:00:00"	17.31	250.1	19.01	29.63	14.03	253.3	21.65	27.24	98.4	101.7	-3.236	7.126	4.814	26.187	829.36
"2012-06-10	18:00:00"	17.34	256.7	15.29	33.8	13.96	260.6	17.62	26.05	98.7	101.6	-2.941	7.113	4.832	26.181	657.3
"2012-06-10	19:00:00"	16.81	251.8	18.02	27.84	13.66	256	21.39	23.66	98.1	100.3	-2.169	7.634	5.419	26.18	452.92
"2012-06-10	20:00:00"	15.63	248.8	11.59	24.86	12.71	252.6	14.54	22.47	97.3	98.5	-1.198	7.869	5.827	26.185	236.44
"2012-06-10	21:00:00"	13.41	229.1	13.09	25.45	10.85	229.7	15.2	21.28	94.9	95.3	-0.468	8.68	6.707	26.203	59.312
"2012-06-10	22:00:00"	8.15	226.8	12.74	15.31	7.123	222.5	13.88	12.93	90.1	89.9	0.191	10.02	8.15	26.221	0.44049
"2012-06-10	23:00:00"	7.832	240.6	16.59	14.12	5.998	242	21.03	11.14	86.1	84.7	1.445	11.24	9.93	26.237	0
"2012-06-11	00:00:00"	7.44	265	14.9	15.91	5.457	266	20.31	13.52	84.1	82.3	1.884	11.26	10.14	26.247	0
"2012-06-11	01:00:00"	4.963	254.6	15.8	12.93	4.279	246.4	35.64	10.54	82.5	79.98	2.525	11.2	10.38	26.248	0
"2012-06-11	02:00:00"	1.983	285.7	23.89	6.368	2	300.3	55.26	3.982	79.74	73.81	5.937	11.87	12.88	26.242	0
"2012-06-11	03:00:00"	5.439	290.7	35.23	11.14	4.099	307.1	49.86	6.964	79.34	71.66	7.681	11.55	14.56	26.245	0
"2012-06-11	04:00:00"	8.93	219.7	57.29	27.84	6.216	216.9	65.82	21.87	78	72.05	5.95	12.34	13.95	26.255	0
"2012-06-11	05:00:00"	3.214	216.5	14.04	7.561	3.582	215	17.57	6.368	77.6	74.23	3.371	13.6	13.37	26.274	0
"2012-06-11	06:00:00"	2.128	227.3	30.1	11.74	3.126	226.6	36.85	8.75	75.44	72.03	3.402	14.31	14.55	26.286	0
"2012-06-11	07:00:00"	5.791	181.9	12.36	10.54	4.272	180.2	17.31	7.561	74.07	70.41	3.658	16.93	17.19	26.303	2.9124
"2012-06-11	08:00:00"	4.965	202.5	21.3	10.54	4.187	196.8	28.93	8.16	73.74	71.64	2.093	19.07	18.99	26.322	89.631
"2012-06-11	09:00:00"	1.82	255.5	24.18	7.561	3.451	261.5	28.58	6.964	77.32	77.53	-0.21	17.49	16.7	26.339	277.64
"2012-06-11	10:00:00"	3.399	235.6	24.22	9.95	4.556	239.6	23.42	8.75	82.8	85	-2.275	13.97	11.83	26.353	482.09
"2012-06-11	11:00:00"	8.57	305.4	20.18	17.7	6.314	305.2	20.4	15.31	88.2	91.4	-3.22	12.03	9.68	26.365	681.63
"2012-06-11	12:00:00"	6.126	309.9	29.37	14.12	5.78	312	31.77	12.93	91	96.3	-5.302	9.67	6.889	26.366	845.02
"2012-06-11	13:00:00"	6.836	334.6	39.35	14.72	6.496	333.4	39.98	13.52	91.8	98.9	-7.167	11.31	7.796	26.368	885.56
"2012-06-11	14:00:00"	5.665	350.1	57.44	13.52	5.614	348.9	57.26	11.74	93	100.4	-7.382	12.93	9.06	26.367	922.54
"2012-06-11	15:00:00"	5.902	33.01	44.43	17.1	5.678	34.18	51.14	14.12	94.5	102.7	-8.26	14.21	9.72	26.355	868.45
"2012-06-11	16:00:00"	5.667	20.27	58.95	14.72	5.27	25.07	58.04	14.72	96.2	104	-7.823	12.14	8.31	26.343	965.81
"2012-06-11	17:00:00"	6.696	108.4	51.29	15.91	6.08	108.9	48.58	13.52	97.2	103.7	-6.532	10.01	6.625	26.331	553.68
"2012-06-11	18:00:00"	5.384	225.5	33.05	10.54	4.896	227.4	38.47	11.14	97.5	100.2	-2.753	8.99	6.673	26.322	314.25

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-11	19:00:00"	3.97	195.7	64.73	14.12	3.843	190.7	67.91	13.52	97.7	100.6	-2.836	8.84	6.506	26.313	307.93	0	
"2012-06-11	20:00:00"	7.354	182.3	25.43	12.33	6.007	178.9	26.8	11.14	97.4	99.9	-2.488	9.28	6.878	26.311	217.02	0	
"2012-06-11	21:00:00"	7.36	165.2	17.55	12.33	5.58	157.2	24.22	10.54	94.7	95.5	-0.769	11.62	9.53	26.32	49.069	0	
"2012-06-11	22:00:00"	7.227	144	41.05	18.3	4.926	140.8	41.66	14.72	91.1	89	2.046	15.5	13.94	26.34	0.36684	0	
"2012-06-11	23:00:00"	13.87	96	8.27	20.68	10.84	95.7	9.65	17.1	87	86.8	0.213	25.5	23.52	26.369	0	0	
"2012-06-12	00:00:00"	12.3	89.9	10.04	18.89	9.45	89.3	10.25	15.31	82.7	82.6	0.08	29.94	27.77	26.389	0	0	
"2012-06-12	01:00:00"	10.84	76.4	8.66	16.51	8.06	76.32	9.11	12.93	79.33	79.09	0.244	33.26	31.32	26.396	0	0	
"2012-06-12	02:00:00"	11.32	77.03	9.59	15.31	8.56	76.56	9.78	12.33	75.87	76.05	-0.173	37.8	35.31	26.399	0	0	
"2012-06-12	03:00:00"	11.55	85.6	11.08	17.7	8.83	84.3	11.81	15.31	73.14	73.17	-0.032	45.57	42.5	26.404	0	0	
"2012-06-12	04:00:00"	10.46	86.8	15.05	16.51	7.987	84.9	17.19	14.12	72.42	72.38	0.046	53.2	50.51	26.401	0	0	
"2012-06-12	05:00:00"	8.69	88.9	9.06	12.93	6.394	85	11.08	9.95	69.96	69.65	0.31	57.17	54.58	26.397	0	0	
"2012-06-12	06:00:00"	7.752	89.7	5.998	9.95	5.268	82.2	9.37	7.561	68.55	68.21	0.335	60.23	57.59	26.391	0	0	
"2012-06-12	07:00:00"	8.09	92.4	8.13	11.14	5.035	82.4	10.04	7.561	66.94	66.02	0.919	63.25	61.52	26.398	3.5087	0	
"2012-06-12	08:00:00"	7.191	66.7	13.15	11.14	5.508	59.83	11.81	9.95	66.98	66.82	0.165	64.54	63.02	26.421	98.031	0	
"2012-06-12	09:00:00"	13.25	42.66	11.85	22.47	11.15	42.96	13.94	18.89	71.92	72.82	-0.898	58.99	55.87	26.455	258.88	0	
"2012-06-12	10:00:00"	15.8	62.1	9.75	21.87	12.76	62.79	11.87	18.89	75.71	77.22	-1.505	56.98	52.3	26.484	341.03	0	
"2012-06-12	11:00:00"	17.45	71.75	11.05	27.84	14.24	72.25	12.2	21.87	77.8	80.4	-2.644	57.26	50.53	26.482	635.1	0	
"2012-06-12	12:00:00"	19.41	79.13	12.58	41.56	15.71	79.01	13.32	30.82	78.7	81.6	-2.947	56.17	49.01	26.474	762.2	0	
"2012-06-12	13:00:00"	17.73	86.4	15.97	27.84	14.66	86.4	17.27	24.26	81.2	84.4	-3.15	51.15	44.28	26.468	834.59	0	
"2012-06-12	14:00:00"	16.59	99.4	13.4	27.24	13.64	99.3	15.77	23.07	84.7	89	-4.306	45.77	38.11	26.444	920.17	0	
"2012-06-12	15:00:00"	16.06	104.1	18.36	27.24	13.46	104.2	20.21	24.26	87.3	91.4	-4.055	39.73	33.87	26.415	897.83	0	
"2012-06-12	16:00:00"	16.01	119.3	19.32	29.03	13.07	119.5	21.51	26.65	88.7	92.7	-4.068	39.53	33.63	26.386	621.19	0	
"2012-06-12	17:00:00"	17.97	120.9	12.02	31.42	14.6	121.3	13.76	26.65	89.9	93.1	-3.177	39.44	34.48	26.364	555.91	0	
"2012-06-12	18:00:00"	19.78	119.4	12.93	30.82	16.03	119.8	14.4	26.05	91.5	94	-2.521	36.29	32.24	26.34	501.65	0	
"2012-06-12	19:00:00"	20.73	118.8	10.66	29.03	16.42	119	12.64	24.26	91.9	93.9	-1.948	32.16	28.66	26.304	259.42	0	
"2012-06-12	20:00:00"	22.13	134.9	18.7	34.4	17.86	134.2	18.16	29.63	89.7	90.7	-1.014	34.81	31.45	26.28	12.916	0	
"2012-06-12	21:00:00"	28.47	59.3	19.08	55.87	22.56	59.5	20.19	44.54	73.34	75.24	-1.903	68.37	60.38	26.374	1.9974	0.14	
"2012-06-12	22:00:00"	26.59	100.9	13.78	45.73	21.06	100.1	14.78	37.38	65.37	65.48	-0.113	84.4	82.1	26.4	3.5314	0.04	
"2012-06-12	23:00:00"	19.92	113.2	10.75	28.43	15.56	112.8	12.57	24.26	70.34	70.03	0.311	80.9	81	26.384	0	0	
"2012-06-13	00:00:00"	22.09	132.3	7.259	30.82	17.44	131.8	8.29	26.65	73.52	72.8	0.722	73.15	74.04	26.369	0	0	
"2012-06-13	01:00:00"	19.5	134.6	7.507	28.43	15.57	134.2	8.2	24.26	73.74	73.1	0.638	65.59	66.31	26.365	0	0	
"2012-06-13	02:00:00"	14.22	145.8	9.11	21.87	11.48	143.5	9	19.49	71.97	71.63	0.332	70.86	71	26.353	0	0	
"2012-06-13	03:00:00"	12.25	149.2	14.98	20.09	9.85	147.7	14.71	17.1	70.43	70.11	0.317	73.47	73.51	26.347	0	0	
"2012-06-13	04:00:00"	16.57	78.12	38.38	28.43	13.27	77.68	38	26.05	69.92	69.57	0.355	71.73	71.71	26.385	0	0	
"2012-06-13	05:00:00"	16.56	75.8	10.44	24.26	13.15	75.59	10.69	20.09	69.51	69.23	0.289	71.62	71.16	26.397	0	0	
"2012-06-13	06:00:00"	15.89	89	9.14	22.47	12.59	87.9	10.77	19.49	65.89	65.81	0.076	78.12	76.9	26.384	0	0	
"2012-06-13	07:00:00"	15.41	94.2	8.24	21.28	12.1	93.2	9.54	18.89	63.69	63.58	0.108	82	81.1	26.382	2.1056	0	
"2012-06-13	08:00:00"	15.88	93	8.01	24.26	12.72	92.3	9.44	20.68	63.86	63.84	0.016	81.5	80.8	26.397	74.889	0	
"2012-06-13	09:00:00"	17.19	103	9.56	26.05	13.94	102.7	11.11	21.87	65.73	66.08	-0.349	76.3	75.13	26.397	241.82	0	
"2012-06-13	10:00:00"	21	118.2	9.21	30.82	16.56	118.6	11.47	26.05	69.37	70.21	-0.845	70.63	68.91	26.398	424.41	0	
"2012-06-13	11:00:00"	23.21	127.9	8.07	31.42	18.32	128.7	9.74	26.65	71.56	72.65	-1.085	67.93	65.45	26.401	459.45	0	
"2012-06-13	12:00:00"	21.12	138.1	11.86	31.42	17.28	137.7	12.46	26.65	74.11	75.37	-1.263	66.64	63.45	26.392	546.12	0	
"2012-06-13	13:00:00"	19.07	150.8	12.54	29.03	15.88	148.7	12.77	24.26	76.9	78.48	-1.586	63.71	59.8	26.386	707.72	0	
"2012-06-13	14:00:00"	20.08	143.1	11.46	32.61	16.43	141.6	11.78	27.24	79.9	81.7	-1.837	60.05	55.67	26.353	715.34	0	
"2012-06-13	15:00:00"	17.62	152.5	17.73	27.84	14.54	150.4	18.2	24.26	82.9	84.8	-1.918	55.34	50.84	26.329	614.87	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-13	16:00:00"	15.56	167.8	10.94	22.47	12.69	166	12.91	19.49	84.2	85.3	-1.067	48.69	45.56	26.3	336.18	0	
"2012-06-13	17:00:00"	15.63	187.2	14.12	26.65	12.48	184.9	16.57	21.28	87.5	88.9	-1.363	39.8	36.94	26.282	393.59	0	
"2012-06-13	18:00:00"	17.2	188.7	10.86	26.65	13.54	187.9	14.55	21.87	87.4	88.3	-0.906	39.85	37.12	26.258	121.18	0	
"2012-06-13	19:00:00"	14.02	180.4	29.87	26.05	11.31	178.4	33.03	22.47	84.9	85.5	-0.603	45.54	42.59	26.244	63.062	0	
"2012-06-13	20:00:00"	20.96	175.2	9.29	35	16.59	173.3	12.44	30.22	84.9	84.6	0.249	41.18	39.67	26.21	51.923	0	
"2012-06-13	21:00:00"	8.62	144.1	57.75	21.28	7.193	140.9	60.79	20.09	84.4	84.3	0.035	39.32	37.38	26.224	22.423	0	
"2012-06-13	22:00:00"	5.172	179.8	82.1	20.68	4.966	175.1	84.7	15.91	82.5	81.5	0.986	43.9	43	26.245	0.32494	0	
"2012-06-13	23:00:00"	5.623	160.9	13.18	9.35	4.433	158.8	17.67	8.16	79.79	78.94	0.852	52.78	51.71	26.26	0	0	
"2012-06-14	00:00:00"	6.628	93.8	25.55	10.54	4.241	84.3	20.91	8.75	75.26	75.14	0.117	64.65	61.32	26.264	0	0	
"2012-06-14	01:00:00"	7.627	116.1	16.57	9.95	4.446	111.4	19.79	6.368	74.13	72.1	2.027	67.17	69	26.263	0	0	
"2012-06-14	02:00:00"	7.612	93.4	10.43	10.54	4.419	76.33	11.07	6.964	71.57	69.73	1.848	73.89	74.09	26.258	0	0	
"2012-06-14	03:00:00"	8.65	108.1	10.8	11.74	4.988	98.1	16.37	8.75	70.78	68.47	2.31	74.47	77.73	26.258	0	0	
"2012-06-14	04:00:00"	9.69	108.7	11.32	14.12	6.652	104.3	13.68	10.54	70.05	68.93	1.128	74.53	75.49	26.254	0	0	
"2012-06-14	05:00:00"	8.8	113.4	11.99	11.74	6.001	110.3	14.13	9.35	68.91	67.99	0.925	76.77	76.98	26.246	0	0	
"2012-06-14	06:00:00"	9.34	130.7	8.62	14.12	6.711	128.9	10	11.14	69.48	68.18	1.298	73.13	75.2	26.249	0	0	
"2012-06-14	07:00:00"	9.05	149.2	10.92	14.72	7.022	146.9	11.3	12.33	69.94	68.76	1.172	68.24	69.96	26.261	2.6794	0	
"2012-06-14	08:00:00"	11.1	169	9.74	15.91	8.64	167.6	11.22	12.93	70.67	70.29	0.381	63.7	63.57	26.272	80.64	0	
"2012-06-14	09:00:00"	13.74	182.7	8.5	20.68	10.93	180.9	11.37	17.1	75	74.97	0.022	52.57	51.65	26.278	257.05	0	
"2012-06-14	10:00:00"	14.49	199.2	13.05	21.87	11.49	197.2	15.04	18.89	79.92	80.9	-0.969	42.2	39.78	26.288	459.64	0	
"2012-06-14	11:00:00"	15.06	207.5	13.93	24.86	12.29	205	16.07	21.87	84.1	86	-1.907	35.27	32.22	26.286	656.67	0	
"2012-06-14	12:00:00"	16.51	219.9	14.88	26.05	13.56	218.8	18.21	24.26	88.2	90.2	-2.012	27.23	24.39	26.275	826.22	0	
"2012-06-14	13:00:00"	14.96	224.6	21.33	24.86	12.67	223.6	25.14	21.28	91.3	94.3	-3.066	23.05	19.78	26.269	971.16	0	
"2012-06-14	14:00:00"	10.77	211.9	23.28	23.07	8.92	210.9	27.81	20.09	93.4	97.3	-3.844	20.18	16.83	26.256	830.1	0	
"2012-06-14	15:00:00"	11.71	219.3	22.15	22.47	9.8	219.9	27.16	23.07	96	100.5	-4.498	16.85	13.41	26.237	919.58	0	
"2012-06-14	16:00:00"	13.04	200.5	19.63	24.26	10.57	198.7	22.34	19.49	97.7	101.9	-4.229	14.63	11.53	26.216	922.88	0	
"2012-06-14	17:00:00"	14.91	196.1	15.33	28.43	12.03	195.2	17.8	23.07	98.7	102.3	-3.657	14.89	11.87	26.197	809.24	0	
"2012-06-14	18:00:00"	15.52	190.9	15.72	26.05	12.45	189.1	18.91	21.87	98.9	101.9	-2.953	14.36	11.62	26.178	635.54	0	
"2012-06-14	19:00:00"	16.89	177.1	19.27	26.65	13.66	175	20.95	23.66	98.6	101.1	-2.572	16.65	13.67	26.162	457	0	
"2012-06-14	20:00:00"	25.66	160.8	13.63	40.36	20.9	159.2	14.7	35	93.4	95.2	-1.763	30.2	26.92	26.168	227.47	0	
"2012-06-14	21:00:00"	20.55	166.9	9.54	38.57	16.49	164.6	11.47	32.61	88.8	89.6	-0.802	31.27	28.85	26.185	61.071	0	
"2012-06-14	22:00:00"	11.27	152.2	19.47	19.49	8.95	149.2	19.62	15.91	85.1	85.4	-0.276	31.38	29.01	26.194	0.55682	0	
"2012-06-14	23:00:00"	12.2	156.8	13.07	20.68	9.97	154.8	14.52	17.7	82.4	82.4	0.043	37.19	35.34	26.205	0	0	
"2012-06-15	00:00:00"	11.79	192.4	9.89	20.09	8.82	193.2	13.49	16.51	79.88	79.29	0.596	35.87	34.7	26.246	0	0	
"2012-06-15	01:00:00"	11.28	140.5	42.56	17.7	8.84	138.5	42.79	15.31	78.25	77.86	0.398	34.22	32.57	26.281	0	0	
"2012-06-15	02:00:00"	10.32	139.6	24.69	17.7	7.918	138.5	25.23	14.12	76.14	75.5	0.646	36.97	35.81	26.294	0	0	
"2012-06-15	03:00:00"	10.91	139.1	17.31	17.1	8.55	136.8	16.73	14.12	74.3	73.88	0.42	39.97	38.43	26.292	0	0	
"2012-06-15	04:00:00"	14.24	117.8	10.3	20.09	10.82	117.7	12.26	17.7	72.79	72.21	0.582	44.52	43.05	26.29	0	0	
"2012-06-15	05:00:00"	13.99	113.1	9.48	20.09	10.87	112.8	11.8	15.91	71.92	71.92	-0.003	51.19	48.15	26.292	0	0	
"2012-06-15	06:00:00"	14.75	107.3	7.312	21.87	11.72	106.4	9.26	18.89	68.54	68.74	-0.196	69.68	66.31	26.299	0	0	
"2012-06-15	07:00:00"	14.07	110.9	7.347	20.68	11.09	110.2	9.83	18.3	67.21	67.2	0.011	71.72	69.45	26.308	3.627	0	
"2012-06-15	08:00:00"	14.54	117.8	12.45	21.87	11.53	117	13.63	16.51	67.16	67.23	-0.061	71.34	69.37	26.316	58.755	0	
"2012-06-15	09:00:00"	14.05	137.1	9.15	20.09	11.33	136.3	9.39	17.1	70.43	71.07	-0.642	65.89	63.46	26.318	251.67	0	
"2012-06-15	10:00:00"	15.38	154.1	13.12	20.68	12.73	152.6	13.96	18.3	74.67	76.25	-1.583	60.1	55.66	26.323	465.23	0	
"2012-06-15	11:00:00"	14.17	169.8	12.14	20.68	11.68	168	14.08	18.3	78.97	81.2	-2.255	51.34	46.15	26.322	639.42	0	
"2012-06-15	12:00:00"	13.34	176.7	15.42	21.87	10.96	174.4	17.49	18.89	83.4	86.6	-3.186	40.47	35.49	26.321	835.65	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-15	13:00:00"	9.68	184.7	24	18.89	8.32	183.1	28.73	15.91	86.6	91.5	-4.883	33.06	27.64	26.328	940.78	0	
"2012-06-15	14:00:00"	10.77	166	22.46	21.87	9.27	164	25.67	18.3	88.3	94.3	-6.033	32.58	26.12	26.325	937.24	0	
"2012-06-15	15:00:00"	13.38	169.3	18	22.47	11.12	167	19.56	20.09	88.5	92.8	-4.342	33	27.65	26.316	714.92	0	
"2012-06-15	16:00:00"	11.24	148.8	17.47	21.28	9.51	147.6	20.29	17.1	90	94.5	-4.505	30.37	25.31	26.305	702.75	0	
"2012-06-15	17:00:00"	13.68	144.8	17.66	22.47	11.5	143.7	18.94	20.09	92.2	95.9	-3.71	27.29	23.02	26.278	726.32	0	
"2012-06-15	18:00:00"	16.61	153.8	16.31	29.03	13.71	152.4	16.42	24.26	93.1	96.2	-3.088	26.48	22.59	26.253	469.16	0	
"2012-06-15	19:00:00"	15.85	164	11.31	24.26	13	161.8	12.77	21.28	92.6	93.8	-1.22	26.53	23.83	26.246	196.87	0	
"2012-06-15	20:00:00"	19.93	170.5	8.88	29.03	15.83	167.6	10.79	23.66	91.1	92	-0.902	30.77	28.22	26.27	104.71	0	
"2012-06-15	21:00:00"	17.11	170.4	7.359	24.86	13.52	168	9.6	20.09	89	89.4	-0.454	32.67	30.44	26.293	27.723	0	
"2012-06-15	22:00:00"	12.82	164.5	20.46	22.47	10.58	162.4	23.52	21.87	86.3	86.5	-0.194	34.66	32.59	26.309	0.23385	0	
"2012-06-15	23:00:00"	11.08	44.98	15.39	21.87	9.35	46.29	17.73	18.89	78.96	80.6	-1.637	40.15	35.56	26.362	0	0	
"2012-06-16	00:00:00"	15.55	66.16	12.7	26.65	11.98	67.63	13.76	20.09	71.61	72.93	-1.321	57.7	51.92	26.395	0	0	
"2012-06-16	01:00:00"	10.81	91.4	7.745	17.1	8.41	90.1	8.93	14.12	69.85	70.03	-0.182	60.13	57.38	26.381	0	0	
"2012-06-16	02:00:00"	10.9	94.3	7.109	17.7	8.65	92.7	7.966	13.52	69.96	70.02	-0.067	60.4	57.98	26.377	0	0	
"2012-06-16	03:00:00"	12.1	80.5	20.18	16.51	9.72	80.2	19.84	15.91	69.33	69.63	-0.292	62.58	59.59	26.387	0	0	
"2012-06-16	04:00:00"	11.45	73.06	13.94	15.31	9.01	72.19	13.86	13.52	67.73	68.12	-0.395	65.09	61.67	26.393	0	0	
"2012-06-16	05:00:00"	11.98	82.3	7.623	15.91	9.25	79.68	8.97	13.52	66.6	66.63	-0.028	66.25	63.84	26.393	0	0	
"2012-06-16	06:00:00"	12.67	82.2	8.07	17.7	9.84	80.2	9.33	14.72	66.72	66.51	0.208	65.22	63.56	26.402	0	0	
"2012-06-16	07:00:00"	11.59	81.5	8.3	17.1	8.99	78.77	9.96	14.12	65.7	65.78	-0.079	67.98	65.26	26.415	1.7904	0	
"2012-06-16	08:00:00"	10.44	67.29	9.85	14.72	8.11	68.17	11.01	12.33	65.39	65.68	-0.288	70.08	67.66	26.43	80.471	0	
"2012-06-16	09:00:00"	11.53	102.1	17.09	17.7	9.51	101.7	18.61	16.51	69.66	70.59	-0.934	63.62	60.63	26.434	260.8	0	
"2012-06-16	10:00:00"	13.83	153	17.08	20.68	11.4	150.8	17.41	18.89	74.39	76.47	-2.083	62.15	56.58	26.43	461.53	0	
"2012-06-16	11:00:00"	14.28	174.8	11.9	22.47	11.61	172.8	14.68	18.89	77.42	80.5	-3.125	59.11	51.93	26.43	728.32	0	
"2012-06-16	12:00:00"	12.57	177.4	15.24	20.68	10.34	174.5	17.76	17.7	81.2	85.6	-4.469	51.69	43.05	26.426	825.39	0	
"2012-06-16	13:00:00"	11.07	166.7	18.04	18.3	9.39	163.9	20.34	15.31	83.8	88.5	-4.688	44.04	36.55	26.422	758.9	0	
"2012-06-16	14:00:00"	10	154.7	24.4	19.49	8.63	153.9	26.4	17.1	86.1	91.5	-5.383	39.11	32.32	26.418	865.83	0	
"2012-06-16	15:00:00"	9.91	161.3	24.11	17.7	8.59	159.4	25.8	15.31	88.2	92.9	-4.682	31.54	26.15	26.406	710.04	0	
"2012-06-16	16:00:00"	11.31	136.1	24.5	23.07	9.65	135.8	26.49	19.49	89.9	94.5	-4.594	29.48	24.35	26.393	763.17	0	
"2012-06-16	17:00:00"	12.58	136.4	19.65	24.26	10.49	136.1	19.95	25.45	90.7	95.3	-4.625	29.17	24.09	26.37	710.83	0	
"2012-06-16	18:00:00"	13.84	134.4	17.48	23.66	11.57	133.4	17.93	20.09	91.2	95	-3.84	25.9	21.66	26.345	597.81	0	
"2012-06-16	19:00:00"	13.38	136.5	18.5	25.45	11.02	136.4	19.13	19.49	91.4	94.7	-3.283	21.49	17.95	26.339	453.72	0	
"2012-06-16	20:00:00"	13.46	138.1	14.68	20.68	11.06	137.4	14.6	17.7	91.2	93.2	-2.07	22.17	19.12	26.345	205.35	0	
"2012-06-16	21:00:00"	13.81	193	52.96	37.98	10.62	190.7	55.71	25.45	87.9	89	-1.075	26.44	23.31	26.376	24.041	0	
"2012-06-16	22:00:00"	16.32	294.2	11.45	24.86	9.98	296.6	12.79	21.28	80.2	80.5	-0.375	38.84	36.16	26.416	0.20522	0	
"2012-06-16	23:00:00"	13.64	317.7	13.42	22.47	9.23	318.5	14.05	15.91	77.69	77.94	-0.25	44.91	41.96	26.437	0	0	
"2012-06-17	00:00:00"	14.55	79.74	30.87	26.05	11.7	80	31.13	20.09	75.56	76.35	-0.793	53.93	49.67	26.479	0	0	
"2012-06-17	01:00:00"	15.51	99	7.826	21.87	12.55	98.2	8.67	19.49	71.74	72.3	-0.558	62.28	58.48	26.492	0	0	
"2012-06-17	02:00:00"	11.46	80.4	25.8	21.28	9.29	79.97	26.42	16.51	71.42	71.57	-0.142	59.33	56.78	26.502	0	0	
"2012-06-17	03:00:00"	10.42	31.01	14.68	17.1	8.5	30	18.72	15.31	70.39	70.36	0.025	62.95	60.4	26.508	0	0	
"2012-06-17	04:00:00"	11.53	39.86	6.963	15.91	9.54	40.19	8.51	14.72	68.34	68.77	-0.432	68.96	65.05	26.497	0	0	
"2012-06-17	05:00:00"	10.15	44.94	14.67	14.12	8.03	46	16.59	12.93	66.38	66.72	-0.344	73.36	69.66	26.485	0	0	
"2012-06-17	06:00:00"	10.04	26.93	6.426	14.72	8.03	28.23	10.08	12.93	65.1	65.33	-0.236	80.2	75.95	26.473	0	0	
"2012-06-17	07:00:00"	7.677	41.38	11.77	11.74	6.411	42.83	13.69	9.95	65.35	65.46	-0.109	84	81	26.453	1.5553	0	
"2012-06-17	08:00:00"	3.958	77.74	15	7.561	3.52	75.84	15.18	6.368	66.05	66.15	-0.099	82.4	81.3	26.446	71.336	0	
"2012-06-17	09:00:00"	8.07	139.6	17.66	14.12	6.868	137.9	17.56	12.93	71.87	72.66	-0.79	62.51	62.12	26.461	264.99	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-17	10:00:00"	12.2	166.1	12.54	18.3	10.14	163.5	14.27	15.31	74.24	76.98	-2.733	58.36	51.65	26.461	463.65	0	
"2012-06-17	11:00:00"	11.25	181.5	14.27	17.7	9.3	179.2	18.98	15.31	76.05	79.75	-3.698	57.64	49.37	26.456	652.76	0	
"2012-06-17	12:00:00"	8.66	186.6	20.32	17.1	7.395	184	23.76	13.52	78.78	83.7	-4.926	52.5	43.1	26.441	818.02	0	
"2012-06-17	13:00:00"	8.66	207.8	24.43	17.1	7.477	207.7	29.78	14.12	82.4	88.1	-5.739	46.41	37.31	26.421	925.88	0	
"2012-06-17	14:00:00"	8.63	211.1	29.4	16.51	7.584	213.9	33.41	15.91	85	91.3	-6.31	40.46	32.5	26.397	970.49	0	
"2012-06-17	15:00:00"	8.59	201.4	34.46	19.49	7.579	199.6	39.68	17.1	87.3	94.2	-6.897	35.6	28.08	26.361	972.18	0	
"2012-06-17	16:00:00"	8.33	199.4	27.36	17.7	7.495	199.8	30.72	15.91	89.2	95.7	-6.498	32.04	25.26	26.33	713.46	0	
"2012-06-17	17:00:00"	9.5	207	28.19	21.28	8.36	208.2	31.9	18.89	89.9	94.9	-5.021	30.7	25.19	26.297	757.51	0	
"2012-06-17	18:00:00"	11.21	207.8	24.7	21.28	9.52	207.1	28.39	18.89	91.4	95.7	-4.299	28.23	23.42	26.263	649.31	0	
"2012-06-17	19:00:00"	12.28	200.8	20.54	22.47	10.07	198.1	23.45	20.68	92	95.4	-3.409	26.01	21.95	26.242	418.96	0	
"2012-06-17	20:00:00"	12.73	213	15.75	20.09	10.47	209.7	18.12	17.1	91.9	93.4	-1.512	25.21	22.35	26.237	179.53	0	
"2012-06-17	21:00:00"	10.76	212.6	13.56	17.7	8.93	209.1	16.01	15.91	91.1	92	-0.93	25.46	22.95	26.239	78.667	0	
"2012-06-17	22:00:00"	10.46	185	13.49	18.3	8.24	181.5	15.11	14.12	87.2	87.6	-0.454	29.51	27.06	26.241	0.62528	0	
"2012-06-17	23:00:00"	13.09	176.7	6.756	17.7	10.15	173.2	8.72	14.72	83.6	83.7	-0.097	36.5	34.32	26.247	0	0	
"2012-06-18	00:00:00"	15.39	175	5.9	24.86	11.96	172.5	9.02	18.89	81.9	81.6	0.27	37.74	36.15	26.255	0	0	
"2012-06-18	01:00:00"	17.17	175.3	6.075	24.26	13.38	173	8.89	20.68	81.1	80.9	0.209	37.28	35.72	26.252	0	0	
"2012-06-18	02:00:00"	16.44	171.6	6.577	23.66	12.94	169.6	9.14	19.49	79.31	79.18	0.125	38.95	37.25	26.246	0	0	
"2012-06-18	03:00:00"	20.66	177.1	7.266	28.43	16.24	174.6	9.91	24.86	78.25	78.1	0.152	41.53	39.68	26.229	0	0	
"2012-06-18	04:00:00"	15.31	187.2	10.14	25.45	12.16	185.6	13.55	20.68	76.87	76.81	0.055	46.31	44.16	26.214	0	0	
"2012-06-18	05:00:00"	11.69	187	10.21	17.7	9.11	186.1	13.48	15.31	75.28	75.25	0.036	49.98	47.69	26.208	0	0	
"2012-06-18	06:00:00"	11.58	187.6	9.94	18.89	9.14	185.9	13.69	15.91	74	73.67	0.332	52.16	50.48	26.195	0	0	
"2012-06-18	07:00:00"	14.65	181.8	8.88	20.09	11.64	179.6	11.75	17.1	73.41	73.17	0.245	52.65	50.99	26.187	2.2449	0	
"2012-06-18	08:00:00"	12.54	195.8	8.16	18.89	9.55	196.8	12.08	15.31	72.68	72.79	-0.112	54.25	52.13	26.187	79.858	0	
"2012-06-18	09:00:00"	14.67	196.7	8.78	20.09	11.47	196.5	12.29	18.3	75.32	76.11	-0.788	50.76	47.75	26.19	254.18	0	
"2012-06-18	10:00:00"	14.21	204.5	12.36	20.68	11.62	202.3	14.88	20.09	80.1	81.5	-1.39	42.94	39.55	26.192	477.34	0	
"2012-06-18	11:00:00"	13.02	213.2	14.3	21.87	10.79	211.6	18.39	19.49	85.1	87.4	-2.283	35.29	31.78	26.186	673.92	0	
"2012-06-18	12:00:00"	10.25	231.8	19.06	19.49	8.76	233.5	21.84	15.91	88.9	92.5	-3.653	29.65	25.39	26.183	839.32	0	
"2012-06-18	13:00:00"	7.748	236.6	30.11	18.89	6.789	235.6	34.18	15.31	93.8	98.6	-4.838	22.96	18.8	26.17	949.57	0	
"2012-06-18	14:00:00"	8.14	290.8	42.57	18.3	6.587	289.4	45.87	14.72	97.5	103.8	-6.318	15.55	11.67	26.153	1004.1	0	
"2012-06-18	15:00:00"	7.434	273.2	50.22	17.7	6.324	276.5	50.65	16.51	99.7	106.8	-7.125	13.6	9.69	26.127	982.25	0	
"2012-06-18	16:00:00"	7.487	287.6	56.08	21.87	6.259	285.2	60.55	16.51	101.9	108.6	-6.734	10.24	6.977	26.102	942.99	0	
"2012-06-18	17:00:00"	8.41	287.5	36.97	19.49	6.571	288.4	36.91	17.1	103.4	109.4	-6.047	7.244	4.506	26.082	841.42	0	
"2012-06-18	18:00:00"	9.16	306.6	27.83	21.87	6.938	307	29.11	17.1	103.7	108.6	-4.913	6.633	4.085	26.067	666.87	0	
"2012-06-18	19:00:00"	3.944	295.4	38.82	13.52	4.211	294	37.52	10.54	103.7	108.4	-4.621	6.506	4.044	26.06	462.78	0	
"2012-06-18	20:00:00"	9.31	179.8	31.63	31.42	8.31	180	33.96	27.24	101.8	105.4	-3.632	12.89	9.66	26.058	244.48	0	
"2012-06-18	21:00:00"	22.24	170.8	8.19	33.21	17.75	168.4	10.26	27.24	95.3	96.7	-1.329	26.83	23.91	26.067	59.739	0	
"2012-06-18	22:00:00"	17.94	169.2	8.42	29.63	14.39	166.5	10.44	24.26	91.5	91.7	-0.25	30.54	28.37	26.088	0.61139	0	
"2012-06-18	23:00:00"	17.5	163.9	9.98	29.03	14.24	161.1	11.65	24.26	88.6	88.8	-0.138	33.98	31.91	26.121	0	0	
"2012-06-19	00:00:00"	20.52	167.9	8.59	33.8	16.52	165.9	10.73	29.03	85.6	85.8	-0.209	38.3	36.15	26.143	0	0	
"2012-06-19	01:00:00"	19.03	167.5	9.23	33.21	15.34	165.2	11.08	27.84	82.6	82.8	-0.198	42.52	40	26.152	0	0	
"2012-06-19	02:00:00"	17.12	166.5	9.41	29.03	13.9	163.8	11.46	24.26	80.4	80.5	-0.082	44.92	42.55	26.155	0	0	
"2012-06-19	03:00:00"	17.19	170	7.847	25.45	13.77	168.5	10.41	23.66	78.86	78.82	0.039	46.16	44.04	26.15	0	0	
"2012-06-19	04:00:00"	19.1	170.9	7.05	27.24	15.14	169	9.86	24.26	77.41	77.43	-0.018	51.47	49.22	26.139	0	0	
"2012-06-19	05:00:00"	16.57	171.8	7.05	24.26	13.09	170	9.52	22.47	75.55	75.67	-0.117	56.72	54.31	26.14	0	0	
"2012-06-19	06:00:00"	13.73	172.3	7.216	18.89	10.88	170.5	9.4	17.7	73.74	73.78	-0.037	58.58	56.27	26.137	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-19	07:00:00"	11.35	170.4	7.714	16.51	9.04	168.8	9.98	14.72	71.79	71.9	-0.114	62.39	59.71	26.142	2.771	0	
"2012-06-19	08:00:00"	13.61	174.3	6.917	23.07	10.82	172.2	9.46	19.49	70.88	71.24	-0.354	65.68	63.02	26.148	86.606	0	
"2012-06-19	09:00:00"	16.96	178.5	7.694	24.86	13.39	176	10.48	20.09	72.26	73.46	-1.194	63.46	59.52	26.153	270.77	0	
"2012-06-19	10:00:00"	14.04	176.1	9.14	21.87	11.44	173.4	11.65	18.89	75.24	77.29	-2.055	57.15	51.85	26.167	475.3	0	
"2012-06-19	11:00:00"	11.53	181.3	13.48	18.89	9.49	178.6	16.26	16.51	79.05	82.3	-3.277	48.72	42.13	26.172	670.6	0	
"2012-06-19	12:00:00"	9.95	177.1	18.92	17.1	8.38	175.5	21.85	15.31	82.6	87	-4.411	41.52	35.03	26.176	831.05	0	
"2012-06-19	13:00:00"	8.08	162.7	35.05	17.1	7.038	159.8	37.27	14.72	86.1	91.8	-5.717	35	28.54	26.175	939.46	0	
"2012-06-19	14:00:00"	9.24	166.4	26.7	20.68	8.06	166.5	30.17	17.7	90	95.2	-5.228	30.27	24.86	26.16	985.87	0.03	
"2012-06-19	15:00:00"	10.01	141.6	19.38	20.09	8.96	140.8	20.69	17.7	91.7	96.5	-4.821	28.03	23.15	26.143	960.76	0	
"2012-06-19	16:00:00"	12.9	159.4	18.98	26.65	11.1	157.3	21.3	23.07	93.6	98.1	-4.557	27.93	23.15	26.125	921.97	0	
"2012-06-19	17:00:00"	13.32	166.4	17.42	24.26	11.17	164.5	18.91	21.87	96.1	100.4	-4.256	25.21	20.9	26.106	807.17	0	
"2012-06-19	18:00:00"	14.78	172.3	14.6	26.05	12.18	170	16.81	22.47	97.7	101.5	-3.818	23.26	19.34	26.09	639.92	0	
"2012-06-19	19:00:00"	15.83	161.1	14.84	25.45	13.05	159.3	15.58	21.28	97.5	100.7	-3.166	23.41	19.71	26.079	345.33	0	
"2012-06-19	20:00:00"	19.04	151.6	10.12	30.22	15.72	149.9	10.15	27.24	94.3	96.6	-2.28	28.84	25.38	26.093	85.313	0	
"2012-06-19	21:00:00"	20.59	154.4	10.07	30.82	17.03	152.3	10.31	27.84	91.7	93.9	-2.229	32.79	29.11	26.108	72.591	0	
"2012-06-19	22:00:00"	20.34	156	9.57	32.01	16.83	153.1	9.66	29.63	87.8	89.8	-1.982	37.64	33.99	26.136	0.58986	0	
"2012-06-19	23:00:00"	18.1	160.1	10.22	29.63	14.73	157.3	10.77	25.45	84.9	86.9	-1.984	42.52	38.19	26.169	0	0	
"2012-06-20	00:00:00"	17.51	159.8	9.74	29.03	14.31	157.2	10.52	26.65	82.8	84.8	-1.966	46.14	41.4	26.188	0	0	
"2012-06-20	01:00:00"	16.81	159.6	10.46	27.24	13.83	156.9	11.26	24.86	81.3	83.3	-1.951	46.95	42.21	26.193	0	0	
"2012-06-20	02:00:00"	16.65	163.9	9.63	28.43	13.63	161.1	11.12	22.47	80.4	82.3	-1.906	46.2	41.62	26.185	0	0	
"2012-06-20	03:00:00"	17.38	164.3	9.87	27.84	14	161.5	11.4	23.07	79.04	81	-1.916	48.66	43.84	26.173	0	0	
"2012-06-20	04:00:00"	16.48	166.4	9.46	33.21	13.17	164.6	11.22	27.24	76.46	78.44	-1.979	59.19	53.83	26.172	0	0	
"2012-06-20	05:00:00"	15.67	165.7	9.62	26.05	12.52	163.8	11.49	21.87	74.45	76.45	-2.008	65.38	59.77	26.178	0	0	
"2012-06-20	06:00:00"	14.19	164.1	9.76	21.28	11.5	162.2	11.11	19.49	72.92	74.92	-2.004	70.15	64.43	26.184	0	0	
"2012-06-20	07:00:00"	13.94	159.8	10.27	20.68	11.45	157.5	10.68	18.3	71.73	73.74	-2.008	73.57	67.73	26.188	2.4911	0	
"2012-06-20	08:00:00"	15.2	160.3	9.99	22.47	12.46	157.9	10.73	18.89	71.41	73.59	-2.184	74.86	68.78	26.195	84.392	0	
"2012-06-20	09:00:00"	18.96	165.9	10.09	28.43	15.39	163.5	11.57	24.86	73.04	75.51	-2.473	70.82	64.43	26.202	270.77	0	
"2012-06-20	10:00:00"	20.28	171.6	8.82	28.43	16.32	169.1	10.81	23.66	75.55	78.39	-2.844	64.49	57.82	26.213	476.23	0	
"2012-06-20	11:00:00"	18.66	168.1	11.47	26.65	15.23	165.8	13.1	25.45	78.29	81.6	-3.353	58.74	51.5	26.217	672.15	0	
"2012-06-20	12:00:00"	14.66	163.1	14.7	22.47	12.29	160.7	16.5	19.49	81.6	85.5	-3.899	51.54	44.13	26.231	833.11	0	
"2012-06-20	13:00:00"	13.71	161.2	16.17	23.07	11.54	159.3	17.93	19.49	84.9	89.2	-4.333	44.14	37.35	26.233	933.77	0	
"2012-06-20	14:00:00"	12.27	165.5	22.03	21.28	10.28	163.9	23.68	18.3	87.7	92.5	-4.753	36.9	31.14	26.228	983.32	0	
"2012-06-20	15:00:00"	11.98	165	22.61	21.28	9.96	163.5	24.79	18.3	90.6	95.4	-4.829	31.22	26.02	26.221	949.88	0	
"2012-06-20	16:00:00"	12.05	160	23.24	21.28	10.15	158.1	23.73	18.89	93	97.8	-4.757	27.38	22.61	26.21	926.19	0	
"2012-06-20	17:00:00"	12.96	159.2	17.93	22.47	10.97	157.5	20.31	22.47	94.9	99.2	-4.363	25.32	20.91	26.199	812.78	0	
"2012-06-20	18:00:00"	12.61	154.1	17.69	22.47	10.7	152.8	18.34	19.49	95.9	99.8	-3.928	23.48	19.45	26.192	647	0	
"2012-06-20	19:00:00"	14.91	146.7	18.03	26.65	12.42	145.5	18.91	23.66	96.3	99.6	-3.303	22.85	19.19	26.187	446.86	0	
"2012-06-20	20:00:00"	18.05	142.4	10.71	26.65	14.82	140.8	10.58	21.28	94.8	97.5	-2.706	24.68	21.15	26.198	238.93	0	
"2012-06-20	21:00:00"	19.25	137.4	6.664	26.05	15.51	136.6	7.673	22.47	91.7	94	-2.239	28.42	24.96	26.219	64.243	0	
"2012-06-20	22:00:00"	14.55	144.2	7.454	23.66	11.89	142.6	7.731	20.09	87.9	89.9	-1.954	31.87	28.48	26.249	0.68551	0	
"2012-06-20	23:00:00"	12.36	151.1	8.96	17.7	10.38	149	8.88	16.51	84.9	86.8	-1.94	35.22	31.72	26.282	0	0	
"2012-06-21	00:00:00"	13.78	157.6	9.82	23.07	11.37	154.6	10.1	21.28	82.4	84.3	-1.936	39.25	35.53	26.304	0	0	
"2012-06-21	01:00:00"	10.89	162	10.13	17.7	8.83	159.3	11.42	15.91	79.86	81.8	-1.947	43.58	39.06	26.317	0	0	
"2012-06-21	02:00:00"	11.25	161.4	9.92	18.3	9.22	158.6	10.79	15.91	78.07	80	-1.932	46.59	41.84	26.322	0	0	
"2012-06-21	03:00:00"	10.07	158.4	12.69	18.3	8.07	156.6	13.29	15.31	76.38	78.34	-1.961	49.08	44.12	26.335	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-21	04:00:00"	9.11	140	15.53	15.31	7.017	138.2	15.18	13.52	74.47	76.3	-1.831	51.85	46.96	26.35	0
"2012-06-21	05:00:00"	10.06	118.1	17.23	16.51	7.456	115.8	18.78	12.93	72.05	73.76	-1.705	56.38	51.32	26.363	0
"2012-06-21	06:00:00"	9.7	112.1	11.84	14.72	7.094	110	13.44	11.14	69.46	71.18	-1.719	62.9	57.78	26.377	0
"2012-06-21	07:00:00"	8.8	102.9	12.04	11.74	6.307	99.9	14.44	9.35	67.81	69.61	-1.805	67.74	62.2	26.396	1.8205
"2012-06-21	08:00:00"	11.58	133.2	10.46	17.1	9.32	132.6	11.41	14.12	69.2	71.41	-2.204	69.01	63.12	26.397	79.99
"2012-06-21	09:00:00"	12.95	142.8	9.76	17.1	10.74	141.7	10.89	15.91	71.29	74.03	-2.735	70.82	63.88	26.414	249.51
"2012-06-21	10:00:00"	11.94	140.3	15.19	18.3	9.92	139.8	16.02	15.91	73.87	77.26	-3.394	67.83	59.99	26.44	458.64
"2012-06-21	11:00:00"	7.944	135.7	20.38	14.72	6.768	136.1	23.56	13.52	76.36	80.7	-4.359	62.11	53.03	26.462	675.41
"2012-06-21	12:00:00"	8.67	85.3	25.2	17.1	7.427	86.1	29.78	14.72	79.5	84.1	-4.552	54.98	46.21	26.468	774.24
"2012-06-21	13:00:00"	12.52	87.6	18.73	25.45	10.39	88.3	20.15	20.68	83.1	87.5	-4.446	46.11	38.76	26.47	910.03
"2012-06-21	14:00:00"	16	105.5	15.2	26.65	13.25	105.7	16.95	23.07	85.8	90.3	-4.508	39.87	33.86	26.462	946.82
"2012-06-21	15:00:00"	16.95	103.2	14.19	30.22	14.04	102.9	16.06	26.65	87.4	91.9	-4.454	37.24	31.57	26.451	927.22
"2012-06-21	16:00:00"	17.59	112	14.64	29.03	14.39	111.7	16.04	26.05	88.3	92.5	-4.24	35.02	29.77	26.434	783.62
"2012-06-21	17:00:00"	15.61	112.3	16.5	26.65	12.82	112.5	18.12	23.07	88.9	93	-4.094	33.78	28.74	26.418	684.87
"2012-06-21	18:00:00"	13.95	115.7	21.68	24.26	11.65	115.7	22.88	21.28	89.3	93.1	-3.783	32.74	28.01	26.402	555.6
"2012-06-21	19:00:00"	13.68	123.9	18.75	22.47	11.37	123.5	19.83	19.49	89.3	92.9	-3.519	31.6	27.19	26.39	406.26
"2012-06-21	20:00:00"	13.92	124.2	13.18	23.07	11.38	124.1	14.68	20.09	88.8	91.7	-2.834	31.06	27.12	26.396	155.58
"2012-06-21	21:00:00"	15.13	121.7	15	24.26	12.2	121.6	16.42	19.49	87.4	89.9	-2.461	33.49	29.34	26.41	70.028
"2012-06-21	22:00:00"	12.71	118.4	11.11	21.28	10.15	118.5	12.87	17.1	82.3	84.4	-2.075	42.71	38.29	26.421	0.93669
"2012-06-21	23:00:00"	11.74	132.6	8.53	17.7	9.3	132.4	9.17	14.72	81.5	83.5	-1.972	40.69	36.8	26.417	0
"2012-06-22	00:00:00"	6.97	95.7	14.37	8.75	4.715	88.1	17.42	7.561	77.15	78.83	-1.678	49.69	44.52	26.422	0
"2012-06-22	01:00:00"	7.854	82	7.64	9.95	5.377	76.46	9.32	6.964	73.16	74.99	-1.829	59.24	53.83	26.427	0
"2012-06-22	02:00:00"	8.14	78.69	10.42	11.14	5.478	72.83	12	8.16	71.11	73	-1.893	63.71	58.15	26.434	0
"2012-06-22	03:00:00"	8.48	73.76	6.274	10.54	6.007	71.33	8.25	8.75	69.51	71.5	-1.985	70.9	64.8	26.435	0
"2012-06-22	04:00:00"	7.962	73.15	6.799	9.35	5.266	68.69	9.2	7.561	68.31	70.26	-1.956	75.3	69.24	26.429	0
"2012-06-22	05:00:00"	7.608	75.2	6.646	9.95	5.152	69.01	9.35	7.561	66.97	68.92	-1.956	77.09	70.93	26.427	0
"2012-06-22	06:00:00"	6.447	80.2	9.85	8.75	4.204	66.82	14.59	6.368	65.83	67.58	-1.745	79.46	73.31	26.43	0
"2012-06-22	07:00:00"	7.089	98.3	14.38	9.35	4.652	88.5	19.44	7.561	65.75	67.27	-1.517	78.98	73.76	26.432	2.3001
"2012-06-22	08:00:00"	8.11	152.5	13.49	12.93	6.512	151.5	14.79	11.74	69	71.23	-2.227	69.99	64.44	26.438	85.657
"2012-06-22	09:00:00"	13.26	168.9	9.84	21.28	10.74	167.2	11.44	18.3	73.21	75.83	-2.614	59.56	53.59	26.443	267.78
"2012-06-22	10:00:00"	15.8	174.7	8.62	22.47	12.7	172.7	11.05	19.49	76.83	79.88	-3.046	52.01	45.74	26.448	468.82
"2012-06-22	11:00:00"	12.53	174.4	13.19	18.89	10.24	172	15.72	16.51	79.51	83.3	-3.815	47.66	40.63	26.451	660.66
"2012-06-22	12:00:00"	12.26	165.6	22.58	19.49	10.15	164.8	24.51	17.1	82	86.3	-4.232	43.85	37.13	26.443	819.76
"2012-06-22	13:00:00"	12.77	161.3	17.07	24.86	10.63	160.3	18.46	20.09	84.3	88.8	-4.493	39.74	33.74	26.433	925.77
"2012-06-22	14:00:00"	12.55	145	24.03	22.47	10.61	143.2	24.36	19.49	86.1	90.8	-4.722	36.71	30.91	26.417	973.45
"2012-06-22	15:00:00"	12.48	150	23.5	24.26	10.51	148.8	24.82	22.47	88	92.8	-4.83	33.84	28.25	26.395	952.71
"2012-06-22	16:00:00"	12.21	151.7	25.98	23.66	10.38	150.3	28.32	20.68	88.9	93.6	-4.73	32.49	27.06	26.378	889.89
"2012-06-22	17:00:00"	13.44	141.8	19.85	23.07	11.25	140.9	20.56	21.28	89.7	93.8	-4.089	31.1	26.33	26.357	591.71
"2012-06-22	18:00:00"	14.82	141.9	15.22	26.05	12.41	141.7	15.62	23.07	90.4	94.3	-3.859	29.94	25.33	26.337	541.54
"2012-06-22	19:00:00"	13.08	144.9	20.49	23.66	10.93	143.2	21.09	20.09	90.1	93.5	-3.389	29.83	25.66	26.322	387.26
"2012-06-22	20:00:00"	14.23	144	14.99	21.87	11.79	143.3	15.48	18.3	89.9	92.8	-2.944	29.89	25.94	26.318	251.34
"2012-06-22	21:00:00"	12.53	152.2	10.93	21.87	10.58	150	11.11	18.89	88.3	90.6	-2.326	31.7	28.06	26.326	57.985
"2012-06-22	22:00:00"	8.86	149.5	8.11	15.31	7.43	146.9	8.02	12.93	85.5	87.6	-2.029	33.91	30.37	26.334	0.46422
"2012-06-22	23:00:00"	8.75	155.4	8.79	14.12	7.194	152.5	8.85	11.14	83	84.9	-1.914	36.33	32.82	26.346	0
"2012-06-23	00:00:00"	8.88	159.6	8.84	13.52	7.139	156.9	9.33	11.14	80.4	82.3	-1.895	38.97	35.36	26.354	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-23	01:00:00"	9.62	164.8	8.81	14.72	7.661	162.4	9.59	12.33	78.68	80.5	-1.844	40.87	37.06	26.352	0
"2012-06-23	02:00:00"	8.87	172.7	8.39	13.52	6.971	170.2	10.35	11.14	76.59	78.46	-1.871	43.77	39.28	26.345	0
"2012-06-23	03:00:00"	5.485	177.5	30.07	12.33	4.229	174.3	32.01	9.35	73.86	75.76	-1.899	47.71	42.71	26.344	0
"2012-06-23	04:00:00"	6.484	170.7	13.23	9.95	4.926	165.8	17.07	8.16	73.62	75.22	-1.596	48.56	44.37	26.342	0
"2012-06-23	05:00:00"	7.677	172.1	11.19	11.14	5.92	166.6	16.31	9.95	72.39	74.22	-1.832	50.73	45.87	26.34	0
"2012-06-23	06:00:00"	8.84	179.2	7.395	12.33	6.852	176	9.1	10.54	71.09	72.94	-1.856	53.41	48.45	26.345	0
"2012-06-23	07:00:00"	7.055	185.3	9.88	11.14	5.341	184.8	13.41	9.95	69.98	71.8	-1.815	55.66	50.69	26.353	2.4843
"2012-06-23	08:00:00"	7.182	183.9	10.99	11.14	5.537	183.2	14.16	9.35	70.42	72.65	-2.229	54.92	49.68	26.367	87.724
"2012-06-23	09:00:00"	11.63	186.7	9.93	20.09	9.28	184.7	13.27	17.1	74.68	77.28	-2.608	47.23	41.92	26.377	274.41
"2012-06-23	10:00:00"	14.93	182.6	10.5	23.07	12.02	180.1	13.99	20.68	78.81	81.8	-3.006	40.58	35.89	26.381	481.03
"2012-06-23	11:00:00"	15.73	176.1	11.65	22.47	12.67	173.1	13.66	20.68	80.9	84.5	-3.63	38.08	33.11	26.374	677.09
"2012-06-23	12:00:00"	15.37	171.5	13.4	23.66	12.58	168.7	15.4	21.28	82.9	86.9	-4.039	35.83	30.68	26.371	840.04
"2012-06-23	13:00:00"	15.23	162.6	19.64	25.45	12.64	160.9	21.12	23.66	84.4	88.8	-4.367	33.16	28	26.373	946.67
"2012-06-23	14:00:00"	14.56	158.1	17.88	24.26	12.25	155.7	18.49	21.87	86.2	90.6	-4.47	29.44	24.57	26.363	996.29
"2012-06-23	15:00:00"	13.91	154.7	23.99	26.65	11.73	153.7	25.17	24.26	87.8	92.4	-4.643	26.26	21.59	26.353	971
"2012-06-23	16:00:00"	12.01	148.8	21.03	21.87	10.42	147.6	21.81	20.68	88.8	93.5	-4.675	24.56	20	26.339	935.17
"2012-06-23	17:00:00"	11.8	152.2	23.84	23.66	10.19	149.6	26.92	20.09	89.8	94.3	-4.495	22.86	18.59	26.324	823.7
"2012-06-23	18:00:00"	10.93	157	25.81	22.47	9.46	155.7	25.95	19.49	90.6	94.7	-4.128	21.93	17.93	26.316	657.91
"2012-06-23	19:00:00"	11	165.9	18.86	20.09	9.29	164.7	21.2	18.89	90.5	94.2	-3.67	21.62	17.86	26.314	458.58
"2012-06-23	20:00:00"	11.29	159	16.18	19.49	9.44	157.2	18.13	17.1	90.3	93.3	-2.997	22.59	19.08	26.311	244.81
"2012-06-23	21:00:00"	10.49	153.3	13.19	17.1	8.8	150.9	12.76	15.31	89	91.4	-2.373	24.31	21	26.325	67.201
"2012-06-23	22:00:00"	6.863	148.7	10.43	13.52	5.616	144	12.22	12.33	85.3	87	-1.726	27.98	24.86	26.34	0.6996
"2012-06-23	23:00:00"	7.785	153.1	8.5	11.74	6.328	149.7	8.13	8.75	83.1	84.8	-1.698	30.88	27.78	26.363	0
"2012-06-24	00:00:00"	8.44	161.1	9.08	14.12	6.902	157.2	9.72	11.14	81.3	83	-1.784	32.83	29.55	26.378	0
"2012-06-24	01:00:00"	8.79	165	8.85	12.93	6.96	161.9	9.73	10.54	78.97	80.7	-1.727	35.3	31.97	26.382	0
"2012-06-24	02:00:00"	8.29	176.3	9.78	13.52	6.418	174	12.19	11.74	77.63	79.34	-1.708	36.96	33.59	26.38	0
"2012-06-24	03:00:00"	3.726	195	16.87	9.35	2.936	198	23.29	6.964	75.21	76.9	-1.689	39.63	36.12	26.383	0
"2012-06-24	04:00:00"	2.271	183.8	15.82	5.175	2.2	184.2	23.48	3.982	74.13	75.64	-1.512	41.38	37.69	26.382	0
"2012-06-24	05:00:00"	6.433	176.9	8.68	11.14	4.761	176.8	12.01	8.75	73.1	74.7	-1.609	43.78	39.59	26.391	0
"2012-06-24	06:00:00"	5.522	146.9	22.46	11.74	4.018	126.2	42.13	8.75	71.16	72.55	-1.393	48.01	43.53	26.401	0
"2012-06-24	07:00:00"	5.115	156.6	11.38	8.75	3.705	147.2	16.96	6.368	71.18	72.6	-1.42	49.31	45.22	26.414	2.2926
"2012-06-24	08:00:00"	4.735	176.3	13.54	6.964	3.66	174.5	15.78	6.964	71.32	73.53	-2.216	49.75	44.68	26.429	83.407
"2012-06-24	09:00:00"	9.53	181.7	10.08	18.3	7.612	179.6	12.43	14.12	74.78	77.48	-2.697	45.12	39.94	26.442	268.49
"2012-06-24	10:00:00"	16.03	179.4	9.3	23.07	12.75	176.5	11.91	20.68	78.91	81.9	-2.951	38.98	34.51	26.455	474.9
"2012-06-24	11:00:00"	12.87	168.9	13.7	19.49	10.61	166.4	15.54	17.7	82.3	85.9	-3.643	34.71	30.06	26.455	675.52
"2012-06-24	12:00:00"	10.48	151.9	24.83	20.09	9.06	150	32.45	18.3	83.9	88.3	-4.353	32.62	27.52	26.451	837.89
"2012-06-24	13:00:00"	13.29	137.8	18.86	23.07	11.19	137.1	19.25	20.09	86	90.6	-4.536	30.2	25.24	26.442	950.91
"2012-06-24	14:00:00"	13.19	148.8	18.81	26.65	11.28	147.8	19.68	21.28	87.6	92.2	-4.587	27.25	22.53	26.428	999.44
"2012-06-24	15:00:00"	12.65	143.4	26.58	24.86	10.65	142.6	26.47	20.09	89.2	94	-4.786	25.06	20.41	26.416	973.72
"2012-06-24	16:00:00"	11.75	140.2	23.55	21.87	9.9	139.9	24.53	19.49	90.6	95.5	-4.867	23.11	18.66	26.402	942.98
"2012-06-24	17:00:00"	12.43	135.7	27.71	23.66	10.52	135	28.26	20.09	91.5	96	-4.518	23.06	18.75	26.389	830.5
"2012-06-24	18:00:00"	11.61	140.8	25.41	21.28	9.85	139.8	25.76	17.7	92	96.1	-4.116	21.54	17.6	26.38	664.73
"2012-06-24	19:00:00"	11.86	149.1	15.87	21.28	9.97	148.5	16.57	18.89	92.2	95.8	-3.556	21.76	18.05	26.37	465.2
"2012-06-24	20:00:00"	13.08	137	16.04	20.09	10.75	136.1	16.15	16.51	91.9	94.9	-2.989	22.54	19.06	26.367	251.47
"2012-06-24	21:00:00"	11.59	142.5	10.15	18.3	9.61	140.9	10.43	15.31	90.6	92.9	-2.293	23.78	20.54	26.372	68.404

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-24	22:00:00"	8.02	141.4	7.404	12.33	6.213	139.9	8.01	9.35	87.3	88.9	-1.646	27.04	24.05	26.388	0.50129	0	
"2012-06-24	23:00:00"	7.823	132.5	6.879	11.74	5.555	127.3	8.56	9.35	84	85.1	-1.116	29.76	27.04	26.406	0	0	
"2012-06-25	00:00:00"	8.75	144.8	9.13	12.33	6.726	142.7	10.43	9.95	82.9	84.3	-1.425	31.4	28.51	26.421	0	0	
"2012-06-25	01:00:00"	8.42	155	9.85	12.93	6.623	152.1	9.95	9.95	81.5	83	-1.501	33.39	30.35	26.423	0	0	
"2012-06-25	02:00:00"	8.04	154.5	9.8	11.74	6.269	150.1	10.38	11.14	79.8	81.3	-1.469	35.66	32.58	26.421	0	0	
"2012-06-25	03:00:00"	6.206	183	20.6	9.95	4.67	181.6	24.87	7.561	78.25	79.83	-1.581	37.8	34.47	26.422	0	0	
"2012-06-25	04:00:00"	4.319	173.4	43.01	11.74	2.879	173.2	49.46	8.75	75.84	76.84	-0.998	40.73	37.66	26.425	0	0	
"2012-06-25	05:00:00"	4.429	149	13.71	7.561	2.329	120.7	26.18	5.175	75.24	75.66	-0.416	42.61	39.49	26.423	0	0	
"2012-06-25	06:00:00"	3.846	163.4	13.07	6.964	2.442	152.8	21.65	4.578	74.7	75.46	-0.769	43.77	40.83	26.427	0	0	
"2012-06-25	07:00:00"	3.587	146.9	12.93	5.771	2.127	122.5	28.35	4.578	73.89	74.16	-0.268	44.8	42.12	26.437	2.3954	0	
"2012-06-25	08:00:00"	3.321	142.8	12.49	5.175	1.431	89.8	36.68	2.789	73.07	73.96	-0.895	46.2	43.29	26.45	83.295	0	
"2012-06-25	09:00:00"	2.769	168.7	15.95	6.368	2.495	170	21.35	5.771	77.62	81.3	-3.656	41.41	36.05	26.457	270.27	0	
"2012-06-25	10:00:00"	6.033	213.4	17.87	9.95	5.402	215.7	20.62	9.35	81.9	85.4	-3.479	37.12	32.46	26.459	475.09	0	
"2012-06-25	11:00:00"	5.872	217.9	29.85	11.14	5.171	219.2	34.98	10.54	84.5	88.8	-4.292	34.68	29.58	26.456	674.24	0	
"2012-06-25	12:00:00"	6.893	146.6	37.92	15.31	6.024	147.8	45	15.31	86.8	91.7	-4.932	31.33	26.03	26.447	836.14	0	
"2012-06-25	13:00:00"	8.69	127.1	25.4	17.7	7.805	127	25.92	17.1	88.6	93.4	-4.88	29.24	24.14	26.435	946.53	0	
"2012-06-25	14:00:00"	8.36	131.2	33.25	16.51	7.632	130.7	35.2	15.31	90.9	95.8	-4.983	27.03	22.13	26.417	992.33	0	
"2012-06-25	15:00:00"	9.29	133.2	34.5	21.28	8.16	130.9	36.91	16.51	93.4	98.4	-4.963	22.46	18.07	26.397	970.63	0	
"2012-06-25	16:00:00"	11.68	136.8	24.91	21.87	10.02	135.4	24.9	17.1	95.2	99.9	-4.633	19.45	15.52	26.377	937.49	0	
"2012-06-25	17:00:00"	8.43	119	35.85	18.89	7.47	119.3	37.73	15.91	96.1	100.7	-4.59	16.71	13.07	26.363	827.1	0	
"2012-06-25	18:00:00"	9.94	135.9	25.35	20.68	8.49	135.6	27.4	17.1	96.8	101.1	-4.224	16.61	13.12	26.348	654.84	0	
"2012-06-25	19:00:00"	10.8	126.6	26.84	29.03	9.22	126.4	28.64	29.03	96.7	100.3	-3.568	16.56	13.31	26.336	453.63	0	
"2012-06-25	20:00:00"	9.02	121.1	21.37	15.91	7.656	122.5	22.13	15.31	96.3	99.4	-3.06	17	13.91	26.329	244.51	0	
"2012-06-25	21:00:00"	7.706	140.8	11.07	16.51	6.629	139.7	11.55	14.12	95.1	97.3	-2.251	17.64	14.8	26.331	66.1	0	
"2012-06-25	22:00:00"	6.79	133.9	9.92	9.95	4.282	125.8	15.17	8.16	90.6	91	-0.389	19.98	17.94	26.336	0.73653	0	
"2012-06-25	23:00:00"	8.22	116.3	18.76	11.14	4.873	104.1	22.9	8.75	87.4	86.6	0.765	22.18	21.02	26.348	0	0	
"2012-06-26	00:00:00"	8.28	119.4	5.666	10.54	4.669	109.8	12.38	6.368	85.6	84.7	0.912	23.41	22.37	26.357	0	0	
"2012-06-26	01:00:00"	7.569	121.3	7.576	11.74	4.643	109.8	17	7.561	83.7	83.1	0.596	23.95	22.81	26.358	0	0	
"2012-06-26	02:00:00"	8.08	111.1	6.77	11.74	4.458	94.3	12.4	6.964	80.9	79.01	1.871	26.61	26.64	26.356	0	0	
"2012-06-26	03:00:00"	8.42	150	40.44	13.52	5.808	146.7	43.39	9.35	79.78	80.6	-0.831	27.64	25.38	26.351	0	0	
"2012-06-26	04:00:00"	4.131	201.1	24.86	8.16	2.698	204.4	30.88	5.771	78.86	79.78	-0.914	28.67	26.22	26.353	0	0	
"2012-06-26	05:00:00"	3.843	183.4	11.49	6.368	2.186	187.1	20.5	4.578	78.29	79.22	-0.934	31.51	28.75	26.352	0	0	
"2012-06-26	06:00:00"	3.503	137.2	19.49	5.771	2.007	85	14.77	3.982	76.85	76.46	0.388	34.2	32.01	26.356	0	0	
"2012-06-26	07:00:00"	4.114	120.7	8.08	6.368	2.735	67.72	21.13	4.578	76.36	74.73	1.624	36.48	35.13	26.361	2.2119	0	
"2012-06-26	08:00:00"	1.089	148.6	22.02	3.386	2.468	16.48	22.9	3.982	75.88	74.13	1.752	37.44	37.13	26.363	86.313	0	
"2012-06-26	09:00:00"	4.526	173.8	21.54	8.16	3.661	163	35.67	7.561	79.24	82.1	-2.818	36.53	32.77	26.368	272.6	0	
"2012-06-26	10:00:00"	5.804	209.1	19.92	8.75	5.233	208.5	24.46	8.16	84.3	87.8	-3.509	33.18	28.86	26.378	480.26	0	
"2012-06-26	11:00:00"	8.52	206.1	19.79	13.52	7.355	205.7	22.8	12.93	88.9	92.8	-3.898	30.52	26.1	26.375	676.92	0	
"2012-06-26	12:00:00"	7.165	194.8	38.09	15.31	6.541	196.1	41.55	13.52	91	95.6	-4.622	27.17	22.55	26.371	836.47	0	
"2012-06-26	13:00:00"	6.664	154.2	42.62	15.31	6.315	153.2	44.15	14.72	93.4	98.8	-5.371	22.54	18.03	26.356	944.78	0	
"2012-06-26	14:00:00"	10.7	194.2	28.38	20.09	9.18	192	30.74	18.89	95.9	100.8	-4.866	18.22	14.35	26.338	993.7	0	
"2012-06-26	15:00:00"	9.68	183.9	32.23	23.07	8.51	182.2	36.03	20.09	97.3	102.3	-5.021	16.37	12.65	26.316	971.04	0	
"2012-06-26	16:00:00"	10.92	161.1	35.98	21.87	9.29	159.3	37.92	20.09	98.5	103.2	-4.7	14.97	11.5	26.3	936.18	0	
"2012-06-26	17:00:00"	11.44	170.7	30.09	21.87	9.62	168.8	30.71	18.89	99.5	104	-4.524	14.04	10.71	26.287	822.54	0	
"2012-06-26	18:00:00"	13.12	135.4	22.4	21.87	10.9	135	22.81	18.3	100	104	-3.99	13.26	10.18	26.274	659.09	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-26	19:00:00"	11.95	167.6	20.3	21.28	9.95	165.5	22.07	20.09	99.5	103	-3.495	13.7	10.69	26.262	436.25	0
"2012-06-26	20:00:00"	11.51	156.3	17.42	17.7	9.66	154.8	18.12	15.91	99.1	101.9	-2.8	14.85	11.98	26.26	228.86	0
"2012-06-26	21:00:00"	10.71	145.8	10.24	16.51	8.76	143.5	10.47	15.31	97.6	99.7	-2.164	16.08	13.35	26.264	69.157	0
"2012-06-26	22:00:00"	7.489	140.8	7.205	11.74	5.479	137.2	7.611	8.75	93.1	94.3	-1.192	18.1	15.69	26.274	0.79358	0
"2012-06-26	23:00:00"	7.824	149.8	9.49	11.74	5.875	146.9	8.86	11.14	90.8	91.8	-1.078	19.74	17.44	26.289	0	0
"2012-06-27	00:00:00"	8.14	148.2	12.67	12.33	6.102	144.1	13.36	10.54	88.8	89.9	-1.093	20.97	18.59	26.302	0	0
"2012-06-27	01:00:00"	6.773	161	10.94	13.52	6.647	157.5	11.53	11.74	88.3	89.6	-1.262	21.35	18.92	26.31	0	0
"2012-06-27	02:00:00"	5.889	144.7	16.86	11.74	5.816	140.6	16.73	10.54	84.7	86.2	-1.434	24.01	21.31	26.314	0	0
"2012-06-27	03:00:00"	9.35	144.1	11.32	14.72	7.147	141.8	12.61	12.93	84.3	85.6	-1.235	26.07	23.5	26.317	0	0
"2012-06-27	04:00:00"	7.687	153.1	12.73	11.74	5.9	150.8	13.69	8.75	83.2	84.6	-1.441	28.5	25.65	26.309	0	0
"2012-06-27	05:00:00"	9.99	160.9	9.06	17.7	7.946	157	10.39	14.12	81.1	82.6	-1.471	30.53	27.63	26.306	0	0
"2012-06-27	06:00:00"	8.22	190	30.27	15.31	6.512	190.8	34.57	13.52	79.64	81.3	-1.639	31.91	28.82	26.315	0	0
"2012-06-27	07:00:00"	6.067	206.2	20.34	11.74	4.662	209	23.16	9.35	78.24	79.86	-1.625	34	30.82	26.334	1.7888	0
"2012-06-27	08:00:00"	4.85	274.7	31.08	8.75	3.143	285.1	31.25	5.771	75.84	77.58	-1.745	36.21	33.13	26.348	71.022	0
"2012-06-27	09:00:00"	2.147	223.1	74.67	6.368	2.301	228.1	74.04	5.771	79.22	82.7	-3.451	33.64	29.41	26.365	249.17	0
"2012-06-27	10:00:00"	5.802	193.2	23	8.75	5.259	190.4	26.51	8.75	84.8	88.2	-3.443	29.93	25.92	26.375	450.87	0
"2012-06-27	11:00:00"	6.259	210.8	17.08	11.74	5.778	210.7	21.93	9.95	90.1	94.1	-3.994	25.74	21.71	26.371	645.54	0
"2012-06-27	12:00:00"	7.285	216.2	22.02	12.93	6.843	216.7	26.27	12.33	93.2	97.7	-4.555	23.61	19.35	26.373	814.48	0
"2012-06-27	13:00:00"	4.359	202	55.72	18.89	4.911	192.9	59.87	15.91	95.1	100.6	-5.517	22.32	17.71	26.372	926.22	0
"2012-06-27	14:00:00"	9.16	159.5	34.37	21.87	8.2	156.7	36.9	19.49	96.6	101.9	-5.274	20.13	15.84	26.363	974.61	0
"2012-06-27	15:00:00"	8.42	165.7	52.26	20.09	7.639	166.6	54.76	18.3	97.6	102.8	-5.177	18.86	14.78	26.35	954.3	0
"2012-06-27	16:00:00"	8.24	144.3	47.9	18.89	7.247	144.4	51.02	16.51	98.7	103.7	-5.065	17.9	13.96	26.337	842.73	0
"2012-06-27	17:00:00"	9.11	119	38.42	19.49	7.719	119.3	37.83	17.1	99.1	103.5	-4.399	17.27	13.67	26.325	649.78	0
"2012-06-27	18:00:00"	11.29	119.2	26.42	23.66	9.55	119.5	28.13	20.68	99.9	104	-4.157	17.35	13.8	26.312	586.73	0
"2012-06-27	19:00:00"	11.51	139.5	18.28	17.7	9.64	139.2	19.19	15.91	99.1	102.6	-3.506	17.82	14.45	26.308	368.51	0
"2012-06-27	20:00:00"	12.8	143.9	14.23	22.47	10.55	142.3	13.62	17.7	98.8	101.5	-2.738	16.91	13.95	26.307	208.77	0
"2012-06-27	21:00:00"	11.11	147.2	8.66	17.7	9.15	144.9	8.5	14.72	96.6	98.7	-2.084	17.82	15.01	26.316	32.118	0
"2012-06-27	22:00:00"	9.25	137.5	7.93	12.33	6.87	135.6	9.47	9.95	92.4	94	-1.584	20.43	17.71	26.333	0.57003	0
"2012-06-27	23:00:00"	10.82	137.8	7.226	14.72	8.33	136.2	8.01	12.33	89.8	91.3	-1.458	21.79	19.2	26.352	0	0
"2012-06-28	00:00:00"	8.31	148.8	7.948	14.12	7.107	146.2	7.453	11.14	87.5	89.2	-1.641	23.15	20.36	26.369	0	0
"2012-06-28	01:00:00"	8.78	150.8	11.42	14.72	7.409	147.7	11.71	11.74	85.5	87	-1.532	25.6	22.78	26.378	0	0
"2012-06-28	02:00:00"	11.38	167.7	8.98	17.1	8.95	164.8	10.43	12.93	83.1	84.8	-1.761	29.19	26.06	26.381	0	0
"2012-06-28	03:00:00"	10.51	179.4	12.24	15.91	8.11	178.6	15.85	14.12	81.5	83.3	-1.781	32.07	28.84	26.383	0	0
"2012-06-28	04:00:00"	7.924	194.5	19.91	14.72	6.282	194.9	23.71	10.54	78.82	80.7	-1.839	35.05	31.6	26.384	0	0
"2012-06-28	05:00:00"	7.741	187.8	12.1	13.52	5.839	185.6	15.36	12.33	77.79	79.5	-1.713	36.47	33.16	26.39	0	0
"2012-06-28	06:00:00"	9.88	178	11.09	15.91	7.576	176	13.52	14.72	77.07	78.75	-1.68	38.1	34.73	26.393	0	0
"2012-06-28	07:00:00"	8.64	177.5	9.16	12.93	6.429	175.5	11.26	10.54	75.8	77.48	-1.68	40.95	37.2	26.407	2.1121	0
"2012-06-28	08:00:00"	8.67	174.1	9.98	17.7	6.707	172.9	11.89	14.12	75.46	77.53	-2.074	43.86	39.2	26.423	73.054	0
"2012-06-28	09:00:00"	14.8	171.9	7.332	22.47	11.9	170.4	9.74	18.3	78.8	81.2	-2.422	42.97	38.32	26.434	246.04	0
"2012-06-28	10:00:00"	16.67	177.1	8.25	23.66	13.32	174.4	11.48	20.09	83	85.9	-2.892	38.21	33.99	26.446	448.71	0
"2012-06-28	11:00:00"	13.79	191.1	14.68	21.28	11.22	189	17.69	18.89	86.6	90.1	-3.523	34.55	30.03	26.451	642.9	0
"2012-06-28	12:00:00"	11.51	197.6	19.28	17.7	9.54	196.7	22.55	16.51	90.3	94.5	-4.184	30.39	25.77	26.45	808.22	0
"2012-06-28	13:00:00"	9.8	188.1	26.78	19.49	8.54	185.6	29.7	15.91	92.9	97.6	-4.691	26.74	22.06	26.447	910.95	0
"2012-06-28	14:00:00"	10.49	152.1	26.72	21.87	9.05	151.2	29.07	19.49	94.7	99.7	-5.042	23.52	18.97	26.434	977.53	0
"2012-06-28	15:00:00"	8.75	157.7	51.52	23.07	7.876	156.5	53.22	18.89	95.6	100.8	-5.198	21.88	17.38	26.419	944.3	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR				
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60		
"2012-06-28	16:00:00"	9.68	162.2	44.86	23.66	8.48	161.5	50.05	21.28		96	100.9	-4.857	21.99	17.65	26.405	862.94	0
"2012-06-28	17:00:00"	11.46	139.1	28.52	23.66	9.76	138.6	28.74	20.68	96.6	101.2	-4.6	21.66	17.46	26.389	769.78	0	
"2012-06-28	18:00:00"	11.45	144.3	28.46	29.03	9.64	143.7	28.24	23.66	96.7	100.9	-4.205	20.98	17.04	26.377	651.58	0	
"2012-06-28	19:00:00"	11.26	143	21.12	23.07	9.35	142.6	21.66	18.3	96.3	99.9	-3.587	20.87	17.23	26.366	388.74	0	
"2012-06-28	20:00:00"	13.03	139.1	12.27	20.68	10.84	138.3	12.27	20.09	95.7	98.6	-2.889	20.97	17.65	26.362	217.41	0	
"2012-06-28	21:00:00"	12.1	145.9	9.95	18.3	9.98	144.8	10.4	17.1	94.1	96.3	-2.278	22.1	18.97	26.369	53.913	0	
"2012-06-28	22:00:00"	9.64	149.2	8.08	14.72	7.829	146.8	7.898	12.33	90.6	92.5	-1.942	24.12	21.07	26.377	0.49717	0	
"2012-06-28	23:00:00"	9.08	156.4	9.53	14.12	7.508	153.6	9.67	12.33	87.4	89.4	-1.928	26.95	23.8	26.392	0	0	
"2012-06-29	00:00:00"	8.85	166.2	8.9	14.12	7.384	163.6	9.79	11.14	84.5	86.4	-1.87	29.7	26.49	26.407	0	0	
"2012-06-29	01:00:00"	10.68	173	6.662	15.31	8.3	169.9	9.17	11.74	83	84.8	-1.789	31.66	28.48	26.413	0	0	
"2012-06-29	02:00:00"	9.42	173.4	13.29	14.72	7.462	171.1	15.16	11.74	80.9	82.8	-1.925	34.12	30.64	26.408	0	0	
"2012-06-29	03:00:00"	7.206	189.4	9.41	11.74	5.393	190	13.21	9.35	77.74	79.69	-1.945	37.62	33.97	26.403	0	0	
"2012-06-29	04:00:00"	8.87	180.8	8.78	13.52	6.826	177.4	10.79	11.14	76.97	78.82	-1.85	39.01	35.44	26.398	0	0	
"2012-06-29	05:00:00"	7.495	186.2	17.79	11.74	5.817	184.3	21.21	9.35	75.22	77.1	-1.881	41.13	37.2	26.397	0	0	
"2012-06-29	06:00:00"	8.9	176.3	13.81	14.72	6.693	174.8	16.43	11.14	74.3	76.13	-1.837	41.58	37.64	26.393	0	0	
"2012-06-29	07:00:00"	6.771	186.7	13.22	11.14	5.099	187	17.79	8.75	72.51	74.43	-1.92	44.1	39.48	26.402	2.2261	0	
"2012-06-29	08:00:00"	6.386	210.4	19.03	9.95	5.173	210.1	21.57	8.16	72.25	74.63	-2.378	45.55	40.29	26.414	74.716	0	
"2012-06-29	09:00:00"	11.04	185	15.17	19.49	8.92	182.6	17.66	17.1	75.15	77.89	-2.742	45.23	39.67	26.422	241.06	0	
"2012-06-29	10:00:00"	16.27	181.7	9.46	21.87	13.02	178.9	12.75	18.3	79.54	82.5	-2.933	41.37	36.59	26.419	444.07	0	
"2012-06-29	11:00:00"	13.86	185.4	12.32	21.28	11.2	182.9	14.78	17.1	83.7	87.3	-3.542	36.25	31.6	26.406	643.13	0	
"2012-06-29	12:00:00"	14.12	185.6	13.21	21.28	11.42	183.3	16.75	17.7	87.8	91.9	-4.027	30.8	26.22	26.404	810.14	0	
"2012-06-29	13:00:00"	12.25	183.1	21.15	20.09	10.33	181.4	24.34	17.1	91.2	95.6	-4.465	26.61	22.09	26.398	919	0	
"2012-06-29	14:00:00"	10.2	175.2	32.96	20.09	8.75	173	33.39	17.7	93.4	98.2	-4.774	24	19.5	26.382	966.31	0	
"2012-06-29	15:00:00"	9.73	178.8	37.05	18.89	8.59	177.6	39.91	17.1	94.5	99.3	-4.863	22.79	18.36	26.357	945.02	0	
"2012-06-29	16:00:00"	9.44	153.7	35.43	19.49	8.19	153.3	36.07	18.89	95	100	-4.977	22.79	18.28	26.336	907.1	0	
"2012-06-29	17:00:00"	8.99	150	36.1	20.68	7.971	148.1	40.31	17.7	95.4	100.1	-4.72	22.46	18.13	26.313	779.79	0	
"2012-06-29	18:00:00"	9.21	139.4	44.11	18.3	7.926	139.2	44.24	16.51	96.4	100.8	-4.432	21.26	17.2	26.29	623.43	0	
"2012-06-29	19:00:00"	7.056	114	45.13	17.1	6.385	113.2	49.33	14.12	96.3	100.3	-3.991	20.27	16.52	26.275	427.54	0	
"2012-06-29	20:00:00"	12.93	129.7	13.34	20.09	10.6	129.5	14.2	17.1	96	99	-2.98	20.28	16.96	26.271	221.27	0	
"2012-06-29	21:00:00"	12.14	137.7	7.887	17.1	9.9	137.1	8.78	15.31	94.2	96.5	-2.299	20.27	17.25	26.277	56.688	0	
"2012-06-29	22:00:00"	9.6	141	8.28	12.93	7.796	139.6	8.43	10.54	90.2	92.1	-1.897	21.44	18.54	26.288	0.53787	0	
"2012-06-29	23:00:00"	10.13	150	8.1	14.72	8.32	147.9	8.27	12.93	87.2	89	-1.852	23.79	20.84	26.301	0	0	
"2012-06-30	00:00:00"	8.13	165.5	11.83	13.52	7.173	164.6	12.89	11.74	84.5	86.4	-1.886	26.75	23.63	26.313	0	0	
"2012-06-30	01:00:00"	9.96	172.1	7.147	14.72	7.899	169.1	9.18	12.33	82.1	83.9	-1.781	29.94	26.77	26.317	0	0	
"2012-06-30	02:00:00"	9.78	172.3	9.71	14.12	7.892	169.7	11.38	11.74	80.8	82.8	-1.931	32.93	29.53	26.314	0	0	
"2012-06-30	03:00:00"	7.413	165.4	20.35	14.72	6.191	161.6	24.85	12.33	78.97	81	-1.984	35.19	31.7	26.315	0	0	
"2012-06-30	04:00:00"	6.4	111.4	37.12	11.74	5.175	104.3	41.75	9.35	78.28	79.75	-1.469	36.45	33.35	26.331	0	0	
"2012-06-30	05:00:00"	9.68	167.7	14.26	15.31	7.971	165.8	16.32	12.33	77.68	79.86	-2.183	37.61	33.84	26.32	0	0	
"2012-06-30	06:00:00"	10.49	182	17.41	18.3	8.46	180.7	20.26	15.91	77.15	79.33	-2.183	38.08	34.3	26.312	0	0	
"2012-06-30	07:00:00"	12.91	184.7	11.82	22.47	10.27	183.3	15.21	17.7	76.18	78.33	-2.153	38.84	34.98	26.306	2.7141	0	
"2012-06-30	08:00:00"	11.09	176.2	8.9	18.3	8.94	173.8	11.28	13.52	74.39	76.74	-2.343	46.21	40.97	26.313	72.496	0	
"2012-06-30	09:00:00"	11.02	177.1	9.97	16.51	8.95	174.8	12.18	14.12	75.18	78	-2.824	56.12	49.68	26.334	239.1	0	
"2012-06-30	10:00:00"	11.75	184.8	11.24	17.7	9.51	182.5	14.62	15.31	79.04	82.3	-3.236	50.05	43.7	26.336	431.06	0	
"2012-06-30	11:00:00"	13.56	184.8	12.08	19.49	11	181.8	15.16	18.89	83.4	87.1	-3.688	38.35	33.26	26.337	640.05	0	
"2012-06-30	12:00:00"	14.34	178.1	11.61	22.47	11.72	175.4	14.38	18.3	86.2	90.3	-4.058	31.97	27.22	26.335	773.82	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-06-30	13:00:00"	12.68	173.2	17.29	19.49	10.65	171.7	20.29	17.1	88.5	93	-4.543	29.14	24.29	26.334	909.52	0
"2012-06-30	14:00:00"	11.38	154	24.39	23.66	9.77	152.2	25.5	19.49	90.9	95.7	-4.779	27.7	22.81	26.324	963.33	0
"2012-06-30	15:00:00"	13.68	143.4	23.33	27.24	11.62	142.9	24.16	23.07	92.2	97	-4.806	26.12	21.34	26.304	942.17	0
"2012-06-30	16:00:00"	13.67	143.7	24.9	24.26	11.56	142.7	25.77	21.28	92.7	97.4	-4.662	26.43	21.69	26.289	908.51	0
"2012-06-30	17:00:00"	11.97	117.6	25.61	22.47	10.38	117.5	27.19	20.68	93.1	97.5	-4.363	26.43	21.86	26.27	768.88	0
"2012-06-30	18:00:00"	11.86	106.8	16.52	24.86	10.15	106.2	18.99	20.68	93.9	97.9	-4.014	23.14	19.08	26.254	634.21	0
"2012-06-30	19:00:00"	12.13	126.9	20.72	25.45	10.29	127.3	21.37	21.87	93.8	97.4	-3.616	22.88	19.02	26.247	435.79	0
"2012-06-30	20:00:00"	12.24	129	14.57	20.68	9.97	128.7	14.45	18.89	93.3	96.4	-3.107	23.01	19.41	26.248	229.63	0
"2012-06-30	21:00:00"	12.58	118.1	9.84	19.49	10.04	118.4	11.8	16.51	91.6	93.9	-2.289	23.39	20.18	26.26	59.813	0
"2012-06-30	22:00:00"	8.3	107.8	7.923	13.52	5.727	102.1	12.96	9.35	87.3	88.4	-1.104	24.76	22.1	26.283	0.46796	0
"2012-06-30	23:00:00"	8.43	100.5	4.417	10.54	5.054	90.6	7.826	6.964	83.2	83.3	-0.1	28.47	26.5	26.301	0	0
"2012-07-01	00:00:00"	8.8	105.7	5.859	11.14	5.74	100.3	7.529	8.16	80.7	81.7	-0.973	32.4	29.62	26.315	0	0
"2012-07-01	01:00:00"	10.2	119.8	6.563	15.31	7.252	118.8	9.41	12.33	80.4	81.8	-1.431	35.22	32.11	26.315	0	0
"2012-07-01	02:00:00"	10.76	125.5	7.084	15.91	8.12	125.5	8.71	12.33	79.79	81.5	-1.736	38.45	34.97	26.306	0	0
"2012-07-01	03:00:00"	11.21	154.2	17.22	17.1	8.96	152.4	17.43	14.72	78.45	80.4	-1.974	44.09	39.54	26.305	0	0
"2012-07-01	04:00:00"	11.25	171.6	7.424	16.51	8.99	169.4	9.75	13.52	76.74	78.85	-2.11	58.79	53.12	26.303	0	0
"2012-07-01	05:00:00"	11.45	161.5	10.6	17.1	9.45	158.5	11.73	14.72	74.75	76.86	-2.105	63.91	58.08	26.306	0	0
"2012-07-01	06:00:00"	9.45	167.9	10.5	14.72	7.606	166.1	12.33	12.33	72.92	75.07	-2.143	67.59	61.59	26.333	0	0
"2012-07-01	07:00:00"	7.93	170.3	7.655	14.12	6.437	168.2	9.83	12.33	71.38	73.55	-2.17	70.43	64.22	26.358	1.9696	0
"2012-07-01	08:00:00"	7.896	158.2	9.92	12.93	6.633	155.3	10.52	10.54	70.95	73.4	-2.449	72.55	65.9	26.371	75.422	0
"2012-07-01	09:00:00"	9.36	170.9	12.35	14.12	7.699	168.2	14.58	12.33	72.16	75.16	-2.996	70.77	63.31	26.395	247.67	0
"2012-07-01	10:00:00"	9.38	167.7	12.86	16.51	7.867	165.2	14.31	14.12	74.45	78.09	-3.636	64.86	56.67	26.41	451.31	0
"2012-07-01	11:00:00"	10.67	171.1	17.05	20.09	8.89	170	20.3	16.51	77.35	81.4	-4.049	57.31	49.09	26.4	648.79	0
"2012-07-01	12:00:00"	9.8	173.2	20	17.1	8.38	170.8	21.65	15.91	80.7	85.1	-4.402	48.12	40.32	26.391	815.48	0
"2012-07-01	13:00:00"	9.96	145.8	27.8	20.09	8.56	144.3	28.63	17.7	83	87.7	-4.709	42.48	35.56	26.384	891.34	0
"2012-07-01	14:00:00"	10.91	124.7	32.39	21.87	9.28	124.2	36.26	18.3	85.1	89.7	-4.618	37	31.16	26.378	799.61	0
"2012-07-01	15:00:00"	10.8	110	31.91	22.47	9.08	109.3	33.23	20.09	86.8	91.5	-4.75	31.88	26.56	26.36	826.82	0
"2012-07-01	16:00:00"	12.94	124.4	19.96	24.26	10.88	123.6	21.26	21.28	88.5	93.3	-4.75	28.27	23.26	26.342	914.51	0
"2012-07-01	17:00:00"	11.98	148.9	23.92	25.45	10.05	148.4	26.16	19.49	89.1	93.9	-4.747	27.94	22.95	26.321	824.18	0
"2012-07-01	18:00:00"	15.28	153.7	18.43	24.86	12.65	152	18.48	21.28	88.5	92.6	-4.08	31.4	26.47	26.312	649.2	0
"2012-07-01	19:00:00"	12.72	141.6	19.18	23.07	10.65	141	19.56	21.28	88.1	91.9	-3.744	30.57	25.99	26.305	458.11	0
"2012-07-01	20:00:00"	13.88	144.1	16.5	21.87	11.47	142.6	15.63	20.09	87.5	90.6	-3.134	30.87	26.67	26.296	243.12	0
"2012-07-01	21:00:00"	13.87	142.3	11.03	20.09	11.36	141.8	11.16	20.09	85.8	88.3	-2.507	34.06	30.08	26.311	63.832	0
"2012-07-01	22:00:00"	11.62	143.1	7.625	17.1	9.51	141.7	8.06	14.72	83.4	85.5	-2.15	37.82	33.97	26.326	0.53346	0
"2012-07-01	23:00:00"	8.82	138.5	9.19	12.33	6.982	136.5	9.59	10.54	81.1	83.1	-2.037	40.05	36.11	26.353	0	0
"2012-07-02	00:00:00"	11.03	152.4	13.59	18.3	8.9	150.4	13.51	15.91	79.58	81.6	-1.996	42.45	38.15	26.377	0	0
"2012-07-02	01:00:00"	10.05	159.9	10.89	17.1	8.21	157.4	11.03	14.72	77.73	79.84	-2.106	48.8	43.66	26.394	0	0
"2012-07-02	02:00:00"	10.46	150.5	8.88	15.91	8.52	148	9.21	14.12	76.34	78.41	-2.067	49.85	44.75	26.397	0	0
"2012-07-02	03:00:00"	11.03	164.3	10.44	17.7	9.04	162.2	11.83	15.31	75.4	77.48	-2.083	54.68	49.34	26.393	0	0
"2012-07-02	04:00:00"	9.08	171.7	6.855	13.52	7.163	169.4	9.17	11.14	73.49	75.63	-2.139	58.95	53.28	26.378	0	0
"2012-07-02	05:00:00"	8.2	166.9	10.05	11.74	6.573	165.5	11.01	10.54	71.65	73.82	-2.167	62.93	57	26.37	0	0
"2012-07-02	06:00:00"	8.43	166.8	9.07	12.93	6.813	165.6	10.36	10.54	70.12	72.31	-2.193	68.08	61.91	26.378	0	0
"2012-07-02	07:00:00"	8.78	169.6	7.993	13.52	7.021	167.9	9.97	11.14	68.92	71.12	-2.198	72.43	66.08	26.386	1.6849	0
"2012-07-02	08:00:00"	7.739	164.7	10.29	13.52	6.351	161.9	11.99	12.33	68.64	71.12	-2.483	74.75	67.94	26.402	51.58	0
"2012-07-02	09:00:00"	11.43	160.3	11.56	18.3	9.49	157.9	12.34	15.91	69.93	72.64	-2.713	74.2	67.03	26.423	139.59	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-02	10:00:00"	13.05	163.6	13.14	18.89	10.67	161.8	14.65	15.91	71.34	74.23	-2.897	70.21	62.97	26.436	203.95	0
"2012-07-02	11:00:00"	12.11	159.5	15.85	18.3	10.01	157.5	16.77	15.31	73.07	76.47	-3.406	66.08	58.16	26.434	360.48	0
"2012-07-02	12:00:00"	12.14	163.6	15.8	19.49	10.1	161.7	16.67	17.7	75.29	79.16	-3.869	61.12	52.79	26.425	561.31	0
"2012-07-02	13:00:00"	12.83	163.2	16.39	20.68	10.69	161.8	18.36	18.89	78.11	82.1	-4.021	54.09	46.13	26.415	648.97	0
"2012-07-02	14:00:00"	12.54	161.6	17.95	22.47	10.4	160	19.2	18.3	80.6	84.7	-4.082	48.6	40.95	26.406	531.52	0
"2012-07-02	15:00:00"	13.83	153.6	16.14	23.07	11.57	151.9	17.51	21.28	82.9	87.2	-4.244	42.75	36.32	26.389	835.1	0
"2012-07-02	16:00:00"	14.62	151.4	17.29	24.86	12.27	149.9	18.32	23.07	85.2	89.7	-4.504	38.17	32.33	26.37	892.2	0
"2012-07-02	17:00:00"	13.66	145.9	16.28	23.07	11.45	145.4	17.61	20.09	85.4	89.5	-4.158	38.84	33.16	26.352	633.69	0
"2012-07-02	18:00:00"	15.21	148.1	17.29	26.05	12.56	146.9	17.7	21.87	86.1	90.1	-3.956	38.43	33.01	26.338	591.44	0
"2012-07-02	19:00:00"	17.19	149.7	14.85	27.24	14.24	147.5	14.76	23.66	85.7	89.2	-3.56	40.68	35.21	26.322	467.27	0
"2012-07-02	20:00:00"	15.86	146.1	10.97	26.05	13.19	144.7	11.63	21.87	85.1	88.1	-2.96	40.49	35.65	26.317	217.63	0
"2012-07-02	21:00:00"	15.2	145.3	9.38	23.66	12.5	143.6	9.58	20.09	84.8	87.2	-2.385	39.74	35.62	26.323	56.937	0
"2012-07-02	22:00:00"	11.23	151.4	8.87	18.3	9.33	149.2	8.95	15.91	83.3	85.4	-2.079	40.88	36.82	26.334	0.60493	0
"2012-07-02	23:00:00"	11.52	153.6	10.47	23.66	9.43	151.2	10.66	18.3	82	84.1	-2.041	43.73	39.14	26.357	0	0
"2012-07-03	00:00:00"	18.73	169.3	8.36	27.84	14.9	166.3	10.72	23.07	80.6	82.6	-1.968	48.14	43.25	26.373	0	0
"2012-07-03	01:00:00"	13.59	160.9	9.82	25.45	11.17	158.1	10.84	23.07	78.84	80.8	-2.001	50.87	45.89	26.377	0	0
"2012-07-03	02:00:00"	11.14	160	9.92	17.7	9.23	156.8	10.88	17.1	77.79	79.82	-2.034	52.18	47.13	26.375	0	0
"2012-07-03	03:00:00"	8.88	158.6	9.74	14.72	7.239	156.3	10.23	12.33	76.8	78.87	-2.069	54.21	48.97	26.373	0	0
"2012-07-03	04:00:00"	8.32	148.8	7.824	11.74	6.751	146.2	7.423	9.95	75.31	77.35	-2.047	56.89	51.54	26.368	0	0
"2012-07-03	05:00:00"	9.25	146.3	8.31	13.52	7.397	144.4	7.797	11.74	74.41	76.43	-2.021	57.55	52.31	26.37	0	0
"2012-07-03	06:00:00"	12.35	154.8	11.53	22.47	10.12	152.3	11.82	19.49	74.9	76.94	-2.037	56.93	51.73	26.372	0	0
"2012-07-03	07:00:00"	11.74	152	9.54	18.89	9.67	150.3	9.54	15.31	73.58	75.68	-2.107	63.57	57.83	26.376	1.5244	0
"2012-07-03	08:00:00"	12.48	159.7	10.81	21.28	10.32	156.9	11.39	19.49	73.07	75.3	-2.229	69.06	63.04	26.384	38.206	0
"2012-07-03	09:00:00"	13.74	159.4	11.06	21.87	11.33	157.4	11.83	18.3	73	75.49	-2.495	72.48	65.85	26.393	119.04	0
"2012-07-03	10:00:00"	14.6	162	10.95	23.07	12.07	160	12.05	20.68	73.3	75.93	-2.626	73.35	66.53	26.391	214.24	0
"2012-07-03	11:00:00"	16.06	168.9	11.61	23.66	13.16	167.2	13.45	20.09	76.74	80.2	-3.493	65.16	57.47	26.38	633.68	0
"2012-07-03	12:00:00"	14.69	173	13.54	23.07	12.05	171.2	15.7	20.68	80.4	84.5	-4.06	56.18	48.13	26.373	788.07	0
"2012-07-03	13:00:00"	12.58	172.8	18.85	22.47	10.47	170.4	21.1	20.09	83.5	88.1	-4.553	48.13	40.2	26.365	900.1	0
"2012-07-03	14:00:00"	10.77	182.9	21.32	25.45	8.95	181.9	24.83	20.09	86.3	91.1	-4.835	42.02	35.18	26.351	823.07	0
"2012-07-03	15:00:00"	12.46	158.1	20.91	22.47	10.47	156.2	21.24	18.89	87.9	92.3	-4.44	39.64	33.73	26.333	746.34	0
"2012-07-03	16:00:00"	12.48	158.3	16.67	23.66	10.43	156.2	17.66	19.49	89.3	93.7	-4.407	37.25	31.63	26.312	752.66	0
"2012-07-03	17:00:00"	13.91	159.2	19.66	23.66	11.58	156.7	21.26	20.09	90.6	94.9	-4.253	35.12	29.83	26.291	752.19	0
"2012-07-03	18:00:00"	17.83	162.7	12.68	27.24	14.67	160.7	13.78	24.86	89.5	92.6	-3.148	36.93	32.2	26.275	208.69	0
"2012-07-03	19:00:00"	17.95	175.5	21.14	29.03	14.44	173.8	22.91	24.86	86	88.6	-2.636	42.83	37.82	26.267	127.44	0
"2012-07-03	20:00:00"	18.21	188.6	9.68	27.84	14.26	187.1	13.96	23.07	85.6	87.9	-2.279	42.27	37.82	26.273	42.431	0
"2012-07-03	21:00:00"	19.02	181.5	8.61	28.43	15.16	178.5	11.04	23.07	84	86.1	-2.158	44.82	39.94	26.288	4.582	0
"2012-07-03	22:00:00"	14.46	179.2	7.683	23.07	11.59	175.7	9.88	18.89	82.1	84.3	-2.204	46.97	41.87	26.289	0.08226	0
"2012-07-03	23:00:00"	7.875	195.1	12.25	15.31	6.214	193.7	15.27	12.33	79.58	82	-2.396	51.74	46.12	26.306	0	0
"2012-07-04	00:00:00"	8.76	170.5	8.78	12.93	7.007	167.7	10.87	11.14	77.68	80	-2.324	53.9	48.27	26.33	0	0
"2012-07-04	01:00:00"	9.12	173.6	6.437	13.52	7.214	171.5	8.82	11.14	76.61	78.88	-2.275	56.29	50.68	26.339	0	0
"2012-07-04	02:00:00"	9.94	164.5	10.4	14.72	7.987	161.7	11.63	12.93	76.71	78.93	-2.218	56.59	51.13	26.344	0	0
"2012-07-04	03:00:00"	9.6	174.6	6.91	13.52	7.627	172.4	9.01	10.54	76.57	78.87	-2.303	56.6	50.96	26.349	0	0
"2012-07-04	04:00:00"	8.4	175	6.014	13.52	6.591	172.8	8.33	10.54	75.86	78.16	-2.298	57.81	52.12	26.338	0	0
"2012-07-04	05:00:00"	6.451	180.9	9.96	11.14	5.095	179.6	12.68	8.16	75.47	77.81	-2.338	58.39	52.67	26.336	0	0
"2012-07-04	06:00:00"	10.06	172.6	9.65	16.51	7.931	171.5	11.98	13.52	75.23	77.44	-2.217	57.22	51.74	26.334	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-04	07:00:00"	11.13	167.4	8.33	15.91	8.93	165.9	10.3	13.52	74.86	76.95	-2.092	57.29	51.96	26.338	2.6263	0	
"2012-07-04	08:00:00"	12.4	164.4	9.83	19.49	9.94	162.7	11.37	15.91	75.31	77.53	-2.219	56.08	50.73	26.349	67.57	0	
"2012-07-04	09:00:00"	16.28	171.5	8.1	23.07	13.13	169.5	10.21	20.09	76.28	78.77	-2.493	55.2	49.48	26.358	214.25	0	
"2012-07-04	10:00:00"	17.78	173.5	8.44	24.86	14.15	171.1	10.83	21.28	78.64	81.7	-3.066	53.06	46.62	26.362	423.75	0	
"2012-07-04	11:00:00"	16.76	173	11.7	26.65	13.65	169.6	14.1	24.26	80.9	84.5	-3.639	50.44	43.36	26.361	635.37	0	
"2012-07-04	12:00:00"	15.26	182.8	16.16	24.26	12.46	180.5	19.05	20.68	82.3	86.2	-3.857	48.41	41.28	26.358	669.07	0	
"2012-07-04	13:00:00"	15.73	171.4	14.06	24.86	12.9	169	16.6	20.68	84.6	89	-4.424	44.26	37.25	26.351	900.91	0	
"2012-07-04	14:00:00"	14.95	176.9	15.45	25.45	12.28	174.3	17.97	21.28	86.8	91.4	-4.576	39.67	33.6	26.341	957.66	0	
"2012-07-04	15:00:00"	13.24	168.3	21.09	27.24	11.04	166.2	22.71	21.28	89.2	93.8	-4.605	35.5	29.92	26.32	802.87	0	
"2012-07-04	16:00:00"	15.2	169	18.51	25.45	12.5	167.2	19.85	21.28	90	94.2	-4.144	34.02	28.93	26.301	688.77	0	
"2012-07-04	17:00:00"	16.07	164.2	17.16	26.65	13.3	161.8	18.51	22.47	91.1	95	-3.863	32.54	27.79	26.285	627.34	0	
"2012-07-04	18:00:00"	17.31	175.3	14.22	29.63	13.99	173.1	16.72	25.45	92	96	-4.001	32.43	27.55	26.265	709.15	0	
"2012-07-04	19:00:00"	25.66	175.2	10.33	52.29	20.62	172.6	12.85	46.33	88.9	91.3	-2.34	37.38	33.37	26.256	233.56	0	
"2012-07-04	20:00:00"	25.18	156.7	41.75	48.12	20.06	153.7	41.25	37.38	76.39	77.52	-1.129	64.22	61.3	26.304	61.489	0.11	
"2012-07-04	21:00:00"	10.4	162.8	69.84	26.65	8.23	163.2	70.35	20.68	73.87	73.32	0.55	67.95	69.16	26.333	1.3908	0.02	
"2012-07-04	22:00:00"	10.83	190.7	32.34	23.66	8.71	188	32.19	18.3	76.93	76.23	0.697	54.13	55.23	26.319	0	0	
"2012-07-04	23:00:00"	8.32	162.9	16.25	14.72	6.798	159.9	18.36	12.93	74.47	74.15	0.324	63.55	64.13	26.334	0	0	
"2012-07-05	00:00:00"	10.46	162.2	10.8	17.7	8.56	159.9	12.09	14.72	72.83	72.63	0.198	64.36	64.28	26.364	0	0	
"2012-07-05	01:00:00"	6.711	136.7	12.52	12.33	4.673	131.6	15.2	9.95	71.19	70.54	0.651	65.39	66.97	26.372	0	0	
"2012-07-05	02:00:00"	6.307	140.2	12.62	12.33	4.458	135.3	12.47	10.54	70.99	70.01	0.981	61.4	63.76	26.359	0	0	
"2012-07-05	03:00:00"	7.195	157.2	12.6	12.93	5.472	153.1	14.12	9.95	69.8	69.05	0.759	62.48	64.18	26.356	0	0	
"2012-07-05	04:00:00"	8.73	168.1	9.95	14.12	6.78	166.3	11.15	11.14	69.11	68.6	0.51	63.18	63.82	26.358	0	0	
"2012-07-05	05:00:00"	8.21	179.1	12.47	13.52	6.319	178.3	15.68	11.74	68	67.59	0.41	64.24	64.58	26.365	0	0	
"2012-07-05	06:00:00"	7.797	176.6	11.49	12.33	5.968	174.5	14.5	9.95	67.4	66.94	0.462	64.77	65.1	26.363	0	0	
"2012-07-05	07:00:00"	10.02	169.9	7.772	14.72	7.856	167.4	9.62	12.33	67.57	67.14	0.431	68.41	68.63	26.37	1.5106	0	
"2012-07-05	08:00:00"	12.26	170.6	7.791	20.68	9.78	168.7	9.84	17.7	68.99	68.71	0.279	69.79	69.66	26.382	73.294	0	
"2012-07-05	09:00:00"	18.73	175.8	6.937	26.05	14.94	172.9	9.78	23.07	72.2	72.4	-0.197	65.57	64.4	26.387	249.66	0	
"2012-07-05	10:00:00"	17.75	182.6	10.57	27.24	14.28	180	13.63	22.47	75.48	76.16	-0.682	58.83	56.51	26.393	450.17	0	
"2012-07-05	11:00:00"	14.59	191	14.6	23.66	11.89	188.6	17.79	20.09	79.05	80.3	-1.268	52.58	49.27	26.389	643.07	0	
"2012-07-05	12:00:00"	11.48	195.7	15.87	19.49	9.42	193.1	19.45	17.7	82.9	84.7	-1.799	44.75	40.89	26.391	759.07	0	
"2012-07-05	13:00:00"	13	182.9	19.1	21.87	10.74	180.8	22.11	20.09	84.8	88.1	-3.256	41.07	36.27	26.391	896.19	0.01	
"2012-07-05	14:00:00"	15.32	168.6	16.58	26.65	12.6	166.7	19.03	21.87	85.4	89.6	-4.167	40.95	35.18	26.387	786.81	0	
"2012-07-05	15:00:00"	15.97	158.6	17.3	25.45	13.27	156.5	17.19	21.87	86.6	90.7	-4.126	38.4	33.09	26.367	846.84	0	
"2012-07-05	16:00:00"	16.16	161.1	15.7	26.05	13.34	159.4	17.05	22.47	87.9	91.8	-3.957	35.23	30.22	26.355	643.28	0	
"2012-07-05	17:00:00"	21.86	161.6	12.22	36.78	18.02	159.4	12.91	31.42	86.4	89.6	-3.13	38.07	33.48	26.346	602.36	0	
"2012-07-05	18:00:00"	19.37	162.2	12.02	29.63	15.96	160.3	13.32	24.86	85.7	89	-3.359	37.89	33.11	26.343	524.14	0	
"2012-07-05	19:00:00"	19.97	162.1	11.78	28.43	16.51	160.1	12.94	26.05	83.9	86.8	-2.853	40.45	35.63	26.356	299.82	0	
"2012-07-05	20:00:00"	20.59	159.4	10.75	31.42	16.9	156.9	11.53	26.65	81.5	83.9	-2.381	39.81	35.32	26.368	95.702	0	
"2012-07-05	21:00:00"	18.98	171.2	12.08	27.84	15.33	168.9	14.1	24.86	78.65	80.9	-2.273	47.24	42.02	26.383	52.522	0	
"2012-07-05	22:00:00"	12.31	184.3	10.24	23.07	9.86	183	13.89	19.49	75.79	77.99	-2.2	53.5	48.07	26.393	0.33425	0	
"2012-07-05	23:00:00"	8.61	192.6	10.03	12.93	6.931	191.7	13.54	11.74	74.2	76.41	-2.215	56.49	50.97	26.408	0	0	
"2012-07-06	00:00:00"	9.61	178.8	8.85	13.52	7.652	176.8	11.59	12.33	72.15	74.29	-2.144	57.31	51.83	26.422	0	0	
"2012-07-06	01:00:00"	6.472	183.6	16.54	9.95	5.109	181.9	19.58	8.16	70.35	72.55	-2.201	60.31	54.61	26.426	0	0	
"2012-07-06	02:00:00"	5.998	185.8	20.39	8.75	4.852	182.7	20.89	8.16	69.64	71.79	-2.152	61.45	55.82	26.423	0	0	
"2012-07-06	03:00:00"	5.617	155.4	10.92	12.33	4.58	151.2	10.34	8.16	68.73	70.84	-2.113	63.63	57.98	26.425	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-06	04:00:00"	4.922	169.1	15.13	8.16	3.764	165.6	17.47	6.964	68.76	70.76	-2.003	64.74	59.2	26.42	0
"2012-07-06	05:00:00"	7.075	158.6	10.69	10.54	5.551	154.1	11.58	8.75	69.33	71.18	-1.851	66.04	60.8	26.419	0
"2012-07-06	06:00:00"	7.338	153.5	11.95	11.14	5.815	149.9	12.39	8.75	69.62	71.44	-1.825	66.91	61.63	26.423	0
"2012-07-06	07:00:00"	8.06	119	11.21	11.74	5.662	116.7	13.01	9.35	67.32	69.25	-1.926	71.61	65.8	26.429	1.3505
"2012-07-06	08:00:00"	8.64	117.1	9.09	12.33	6.324	115.2	11.3	9.95	67.54	69.51	-1.97	72.65	67.11	26.439	24.336
"2012-07-06	09:00:00"	12.88	149.7	14.29	20.09	10.64	148.4	13.96	17.1	71.1	73.83	-2.732	68.91	62.43	26.446	290.63
"2012-07-06	10:00:00"	15.06	169	11.59	22.47	12.28	167.1	13.29	18.3	75.26	78.21	-2.943	61.43	54.89	26.454	405.38
"2012-07-06	11:00:00"	14.8	181.3	10.78	20.68	11.85	179.3	13.98	19.49	78.37	81.7	-3.282	54.52	47.85	26.451	517.41
"2012-07-06	12:00:00"	13.51	184.3	16.35	23.07	11.11	182.5	19.57	19.49	81.9	85.8	-3.963	46.45	39.64	26.451	767.35
"2012-07-06	13:00:00"	14.07	178.3	13.53	24.26	11.52	175.5	16.27	21.87	83.4	87.6	-4.154	41.22	35.24	26.447	731.61
"2012-07-06	14:00:00"	13.96	169.3	14.85	23.07	11.5	166.7	16.57	20.68	84.9	88.7	-3.818	37.77	32.65	26.432	572.72
"2012-07-06	15:00:00"	14.96	157.2	18.65	28.43	12.31	155.8	19.33	24.26	86.4	90.5	-4.069	35.09	30	26.418	722.36
"2012-07-06	16:00:00"	16	155.4	18.55	27.84	13.32	153.9	18.75	24.26	88	92.3	-4.297	32.94	27.85	26.4	846.58
"2012-07-06	17:00:00"	16.3	156.1	14.36	33.8	13.52	154.5	14.59	28.43	88.9	92.8	-3.963	30.95	26.21	26.391	648.85
"2012-07-06	18:00:00"	16.05	160.7	14.6	26.65	13.23	159.1	15.31	23.66	88	91	-3.004	31.84	27.81	26.384	312.3
"2012-07-06	19:00:00"	15.11	163.4	15.24	24.26	12.34	161.6	16.06	23.07	88.4	91.2	-2.808	29.36	25.57	26.386	208.8
"2012-07-06	20:00:00"	13.23	303.8	46.54	21.28	9.35	305	46.95	18.3	80.7	83.8	-3.129	48.09	41.52	26.403	127.38
"2012-07-06	21:00:00"	8.72	292	9.98	12.93	5.379	295.1	12.04	10.54	78.09	80.5	-2.362	54.06	48.23	26.419	21.654
"2012-07-06	22:00:00"	5.853	310.6	11.06	7.561	2.782	315.9	14.75	5.175	75.32	76.36	-1.033	59.03	54.39	26.43	0.37049
"2012-07-06	23:00:00"	6.091	304	12.18	7.561	2.765	315.1	17.56	4.578	74.42	74.62	-0.192	61.26	58.11	26.445	0
"2012-07-07	00:00:00"	6.996	328.9	14.34	9.35	3.735	344.7	22.96	6.964	73.44	72.67	0.767	61.29	60.83	26.454	0
"2012-07-07	01:00:00"	5.371	329.9	15.6	7.561	2.437	338.7	32.91	4.578	71.35	71.7	-0.341	64.98	61.99	26.462	0
"2012-07-07	02:00:00"	5.962	339.1	10.1	8.16	2.953	348.1	19.75	4.578	71.24	70.63	0.612	63.52	63.03	26.465	0
"2012-07-07	03:00:00"	6.418	28.08	12.85	9.35	4.437	30.23	12.65	6.964	69.09	70.32	-1.232	73.5	68.97	26.464	0
"2012-07-07	04:00:00"	6.14	53.25	9.22	8.75	4.817	54.9	11.65	7.561	68.55	69.69	-1.142	78.05	73.23	26.462	0
"2012-07-07	05:00:00"	7.453	52.3	6.718	9.95	5.29	55.19	9.28	7.561	68.09	68.96	-0.878	76.96	74.15	26.471	0
"2012-07-07	06:00:00"	6.343	49.28	9.44	8.75	4.248	43.49	18.76	6.368	68.48	68.83	-0.344	72.72	71.23	26.475	0
"2012-07-07	07:00:00"	6.658	33.1	11.93	9.35	4.528	29.8	10.82	6.964	67.04	67.6	-0.566	75.69	73.31	26.484	1.2712
"2012-07-07	08:00:00"	5.353	42.59	23.05	7.561	3.848	31.96	28.91	6.368	69.22	69.8	-0.576	68.34	67.97	26.497	69.781
"2012-07-07	09:00:00"	3.223	77.61	31.03	5.771	2.989	75.81	33.13	5.771	73.69	76.94	-3.248	58.93	52.9	26.506	248
"2012-07-07	10:00:00"	5.733	168.7	21.46	12.33	4.873	168.2	26.33	9.35	78.66	82.4	-3.758	44.46	38.24	26.519	451.52
"2012-07-07	11:00:00"	5.29	173.5	34.54	11.14	4.903	170.2	42.45	10.54	80.9	85.4	-4.544	39.97	33.97	26.524	647.61
"2012-07-07	12:00:00"	4.116	188.7	71.51	10.54	3.98	183.1	71.42	10.54	83.5	89.2	-5.706	35.97	29.51	26.522	810.59
"2012-07-07	13:00:00"	6.305	139.9	47.36	16.51	5.609	138.4	52.66	14.12	85.9	91.7	-5.79	33.01	26.8	26.514	960.18
"2012-07-07	14:00:00"	10.77	109.9	32.44	18.89	9.35	110	33.59	17.7	87.4	92.6	-5.156	31.88	26.23	26.5	1086.2
"2012-07-07	15:00:00"	8.51	113.7	38.23	19.49	7.393	113.4	42.38	17.1	87.9	92.5	-4.538	30.3	25.2	26.479	495
"2012-07-07	16:00:00"	8.45	119.9	51.59	17.7	7.338	120.7	52.05	17.7	89.3	93.7	-4.305	27.97	23.43	26.457	688.47
"2012-07-07	17:00:00"	8.2	123.8	41.41	18.89	7.183	124.2	44.64	15.31	90.6	95.1	-4.488	26.02	21.39	26.436	606.11
"2012-07-07	18:00:00"	9.28	106.2	31.5	32.01	8.08	105.7	32.13	26.65	91	94.7	-3.69	25.17	21.1	26.416	428.44
"2012-07-07	19:00:00"	5.644	107.5	66.27	17.1	5.592	112.2	70.52	15.31	91.4	95.3	-3.907	24.24	20.19	26.397	450.09
"2012-07-07	20:00:00"	8.44	120.6	21.11	15.91	7.229	120.4	22.43	13.52	91.5	94.8	-3.228	24.63	20.88	26.393	229.3
"2012-07-07	21:00:00"	6.231	138.9	21.37	11.14	5.605	137.8	21.12	9.35	90.6	93	-2.463	25.89	22.47	26.398	64.578
"2012-07-07	22:00:00"	7.737	137.1	12.42	12.93	6.452	135.5	12.29	10.54	87.3	89.1	-1.833	30.03	26.74	26.413	0.47716
"2012-07-07	23:00:00"	10.02	163.6	12.47	15.31	7.962	161.2	13.66	12.33	84.1	86.1	-1.963	36.13	32.52	26.436	0
"2012-07-08	00:00:00"	6.92	182.9	14.25	11.74	5.411	181.8	17.8	9.95	80.7	82.8	-2.041	41.53	37.26	26.451	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-08	01:00:00"	3.767	211.2	14.52	5.771	2.986	212.5	15.73	4.578	79.19	81.1	-1.915	44.39	39.73	26.459	0
"2012-07-08	02:00:00"	3.849	207.6	15.74	6.964	2.73	204.7	19.22	5.771	78.41	80.2	-1.761	45.95	41.39	26.459	0
"2012-07-08	03:00:00"	4.51	215.2	13.58	6.964	3.312	212.6	15.37	5.175	77.68	79.45	-1.766	46.89	42.34	26.451	0
"2012-07-08	04:00:00"	3.686	248.1	20.3	6.368	2.42	274	36.53	4.578	76.73	77.78	-1.046	48.34	44.47	26.447	0
"2012-07-08	05:00:00"	3.625	253.7	19.96	5.771	1.997	287.8	32.06	3.982	76.07	75.34	0.734	49.38	48.05	26.446	0
"2012-07-08	06:00:00"	3.537	206.2	19.15	5.771	1.392	204.7	30.83	3.982	75.83	76.57	-0.743	50.29	46.61	26.45	0
"2012-07-08	07:00:00"	2.226	212.4	23.12	5.175	1.247	279.1	58.63	3.386	74.65	75.28	-0.627	52.58	49.05	26.459	1.2456
"2012-07-08	08:00:00"	3.078	153.3	11.76	5.771	1.631	98.8	58.85	4.578	73.65	74.77	-1.125	54.68	50.68	26.473	64.829
"2012-07-08	09:00:00"	2.584	203.5	29.33	4.578	2.133	199	37.02	3.982	76.22	79.86	-3.638	51.39	44.37	26.479	235.42
"2012-07-08	10:00:00"	4.421	220.9	23.47	8.16	3.94	223.5	28.49	7.561	81	84.8	-3.814	42.68	36.84	26.481	439.03
"2012-07-08	11:00:00"	5.071	251.3	29.21	9.95	4.618	253.7	29.45	8.75	84.5	89	-4.53	36.8	31.39	26.476	633.57
"2012-07-08	12:00:00"	5.46	195.6	67.86	12.33	5.044	198.7	72.09	11.14	87.7	92.8	-5.159	32.78	27.11	26.473	755.86
"2012-07-08	13:00:00"	4.103	102.9	71.44	11.74	4.543	108.9	75.72	11.74	88.8	92.7	-3.886	30.21	25.74	26.466	392.83
"2012-07-08	14:00:00"	6.275	151.7	45.79	18.3	6.243	151.5	49.25	15.31	90.1	94.8	-4.616	28.79	23.81	26.454	511.79
"2012-07-08	15:00:00"	11.33	152.1	36.04	28.43	9.65	150.5	37.23	26.05	89.9	94.2	-4.318	29.64	24.9	26.438	660.95
"2012-07-08	16:00:00"	17.25	135.8	14.62	29.03	14.36	135.7	14.9	24.26	89.4	93.9	-4.558	30.1	25.09	26.425	943.37
"2012-07-08	17:00:00"	8.92	153.7	28.64	15.31	7.848	151.8	29.44	14.12	91	95.7	-4.774	27.57	22.71	26.401	773.57
"2012-07-08	18:00:00"	5.788	201	61.82	14.72	5.596	199.2	66.68	14.12	91.5	95.7	-4.254	27.26	22.74	26.385	457.62
"2012-07-08	19:00:00"	4.061	180.5	39.24	20.09	4.667	180.7	44.11	18.3	92	96.3	-4.289	27.05	22.48	26.369	358.83
"2012-07-08	20:00:00"	8.45	121.2	44.94	18.3	7.423	121.9	47.66	15.91	91.4	94.8	-3.415	27.73	23.61	26.372	174.27
"2012-07-08	21:00:00"	10.81	265.9	20	21.28	8.65	271.4	21.19	17.1	84	86.9	-2.94	40.27	35.29	26.39	75.796
"2012-07-08	22:00:00"	8.9	59.54	51.46	26.05	7.317	59.4	51.19	21.87	83.9	85.9	-2.05	39.08	35.33	26.416	1.1005
"2012-07-08	23:00:00"	14.95	114.3	8.25	27.24	11.89	114.4	10.93	22.47	81	83.2	-2.165	44.94	39.95	26.437	0
"2012-07-09	00:00:00"	9.86	117.2	13.3	14.72	7.827	116.7	14.94	12.33	78.66	80.8	-2.175	50.39	45.06	26.447	0
"2012-07-09	01:00:00"	5.046	95.4	14.15	8.75	3.728	89.6	16.81	7.561	76.64	78.83	-2.196	54.39	48.9	26.448	0
"2012-07-09	02:00:00"	9.49	75.88	22.71	16.51	7.368	74.12	21.89	12.93	75.08	77.26	-2.175	58.4	52.73	26.462	0
"2012-07-09	03:00:00"	11.16	72.68	8.27	18.3	8.94	72.89	8.77	15.31	73.77	75.91	-2.135	63.71	57.93	26.467	0
"2012-07-09	04:00:00"	12.04	87.3	9.72	17.7	9.56	85.3	10.83	15.31	71.57	73.7	-2.132	70.98	64.89	26.467	0
"2012-07-09	05:00:00"	7.975	82.8	8.89	12.93	6.166	81.3	10.19	9.95	69.93	72.14	-2.217	74.18	67.84	26.462	0
"2012-07-09	06:00:00"	6.1	52.87	20.32	8.16	4.164	48.8	24.6	6.368	69.12	71.21	-2.087	75.73	69.24	26.453	0
"2012-07-09	07:00:00"	9.04	358	13.82	15.31	6.684	353.4	13.95	12.93	67.43	69.31	-1.877	80.4	74.35	26.467	0.79255
"2012-07-09	08:00:00"	11.41	352	12.69	15.31	8.94	347.6	13.35	12.93	69.18	71.26	-2.081	75.47	69.77	26.485	18.551
"2012-07-09	09:00:00"	11.86	22.54	10.2	16.51	9.42	21.57	14.79	13.52	71.65	74.05	-2.399	64.43	58.63	26.503	75.729
"2012-07-09	10:00:00"	15.3	36.14	11.82	21.28	12.57	35.75	14.66	19.49	72.71	75.25	-2.545	60.77	54.66	26.515	139.81
"2012-07-09	11:00:00"	15.37	48.37	12.26	23.07	12.94	48.85	14.06	21.28	75.87	79.21	-3.336	56.23	49.44	26.514	495.08
"2012-07-09	12:00:00"	13.61	58.94	15.54	23.66	11.47	59.54	16.6	24.26	78.78	82.2	-3.376	50.76	43.93	26.507	425.05
"2012-07-09	13:00:00"	12.43	78.37	14.93	18.3	10.36	78.64	16.26	15.91	79.66	83.2	-3.537	50.1	43.15	26.502	521.52
"2012-07-09	14:00:00"	8.59	92.7	30.29	16.51	7.334	92.9	32.93	14.12	82.3	86.9	-4.599	40.85	34.56	26.483	758.35
"2012-07-09	15:00:00"	8.88	67.25	21.23	15.91	7.561	67.27	23.57	14.72	83.7	88.5	-4.766	39.7	33.44	26.468	735.35
"2012-07-09	16:00:00"	13.35	68.21	20.94	24.86	11.19	68.28	22.59	20.09	84.6	89.2	-4.647	39.55	33.37	26.449	833.13
"2012-07-09	17:00:00"	12.53	57.72	18.83	20.09	10.65	58.51	20.34	17.7	84.5	89.1	-4.568	41.25	34.78	26.428	817.47
"2012-07-09	18:00:00"	11.47	49.92	15.54	17.7	10.03	50.19	18.28	17.7	85.4	89.5	-4.097	37.09	31.67	26.405	528.8
"2012-07-09	19:00:00"	9.56	57.27	19.83	17.1	8.31	58.08	21.53	15.31	86	89.8	-3.844	36.88	31.75	26.39	442.47
"2012-07-09	20:00:00"	9.91	45.04	18.1	17.1	8.48	45.25	19.81	14.72	86.1	89.6	-3.504	38.67	33.59	26.394	261.87
"2012-07-09	21:00:00"	10.3	24.91	23.19	15.31	8.36	21.77	28.03	14.12	85.1	87.6	-2.509	38.34	34.02	26.404	52.089

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2012-07-09	22:00:00"	9.04	80.3	7.653	13.52	7.231	77.75	8.62	11.74	82	84.3	-2.233	47.37	42.09	26.425	0.2756		0	
"2012-07-09	23:00:00"	7.018	67.19	8.98	11.14	5.662	67.23	10.28	9.35	80.1	82.4	-2.32	50.05	44.63	26.441	0		0	
"2012-07-10	00:00:00"	6.14	71.01	9.71	8.16	4.579	70.36	10.88	6.368	78.1	80.4	-2.269	52.71	47.19	26.449	0		0	
"2012-07-10	01:00:00"	6.91	64.4	8.03	9.95	5.147	65.37	9.6	7.561	76.44	78.66	-2.225	55.05	49.6	26.449	0		0	
"2012-07-10	02:00:00"	6.068	52.86	19.05	8.75	4.633	50.49	23.19	7.561	75.99	78.23	-2.237	54.72	49.31	26.442	0		0	
"2012-07-10	03:00:00"	17.02	347	12.67	29.63	13.34	343.4	12.75	24.86	73.09	75.38	-2.292	67.55	60.99	26.455	0		0	
"2012-07-10	04:00:00"	17.71	333.7	7.77	26.05	13.64	332.6	9.38	22.47	70.62	72.86	-2.237	76.07	69.69	26.462	0		0	
"2012-07-10	05:00:00"	12.96	334.2	11.17	23.07	10.02	332.8	11.67	20.09	68.61	70.91	-2.291	83.6	76.83	26.463	0		0	
"2012-07-10	06:00:00"	9.07	357.2	14.21	12.93	7.381	352.8	15.02	12.33	68.69	71.05	-2.364	83.6	76.62	26.466	0		0	
"2012-07-10	07:00:00"	8.59	338.2	12.89	13.52	6.662	336.2	12.46	11.74	67.8	69.97	-2.171	86.9	80.9	26.466	0.37187		0	
"2012-07-10	08:00:00"	5.557	319.6	12.59	9.95	4.149	319.7	12.6	8.16	68.09	70.44	-2.352	86.9	80.7	26.472	38.523		0	
"2012-07-10	09:00:00"	7.665	315	11.83	11.74	5.329	315.5	13.24	9.95	69.38	72.45	-3.068	82.4	74.93	26.477	172.56		0	
"2012-07-10	10:00:00"	8.37	19.06	25.88	14.72	7.01	17.6	28.85	13.52	71.86	75.71	-3.849	76.73	67.51	26.479	303.43		0	
"2012-07-10	11:00:00"	9.19	37.27	17.47	14.12	7.878	36.78	21.34	12.93	73.49	77.78	-4.289	72.98	63.15	26.479	475.52		0	
"2012-07-10	12:00:00"	9.85	49.8	16.5	15.31	8.49	50.88	18.61	14.72	75.11	79.69	-4.58	69.09	58.94	26.474	685.39		0	
"2012-07-10	13:00:00"	8.66	36.98	22.43	18.3	7.442	37.06	25.48	14.72	76.88	81.4	-4.504	63.23	53.49	26.458	465.1		0	
"2012-07-10	14:00:00"	11.72	19.15	23.02	24.26	9.55	17.04	26.02	21.87	75.88	79.09	-3.218	67.05	59.6	26.431	182.66	0.33		
"2012-07-10	15:00:00"	9.7	15.61	16.55	18.89	7.771	11.85	20.02	16.51	69.52	71.07	-1.546	86.1	84.1	26.433	75.793	0.18		
"2012-07-10	16:00:00"	9.85	49.27	32.4	15.91	7.925	49.81	35.42	12.93	70.78	72.74	-1.956	84.3	81.3	26.437	174.63	0.01		
"2012-07-10	17:00:00"	12.45	55.2	14.54	19.49	10.26	55.15	16.35	17.1	73.79	76.47	-2.678	74.53	69.86	26.427	453.7	0		
"2012-07-10	18:00:00"	12.68	47.45	12.3	18.3	10.73	48.03	13.91	17.1	73.96	77.07	-3.114	73.89	67.84	26.413	472.06	0		
"2012-07-10	19:00:00"	12.32	44.98	10.84	18.3	10.31	45.4	12.51	17.1	73.86	76.67	-2.809	72.55	66.96	26.413	274.47	0		
"2012-07-10	20:00:00"	15.91	56.84	8.52	22.47	12.79	57.7	10.86	20.09	72.84	75.2	-2.363	73.43	68.07	26.431	160.56	0		
"2012-07-10	21:00:00"	14.1	62.23	8.48	21.28	11.09	63.37	10.55	17.7	70.66	72.74	-2.089	78.07	72.58	26.439	26.409	0		
"2012-07-10	22:00:00"	13.33	73.9	11.13	22.47	10.66	74.01	11.92	18.89	68.7	70.76	-2.063	84.6	78.68	26.453	0.23366	0		
"2012-07-10	23:00:00"	10.57	84.4	10.64	17.7	8.47	83.9	11.67	15.31	67.77	69.83	-2.055	84.6	78.78	26.454	0	0		
"2012-07-11	00:00:00"	7.806	59.1	23.5	11.74	6.265	58.13	23.77	9.95	67.32	69.51	-2.191	87	81	26.474	0	0		
"2012-07-11	01:00:00"	6.256	26.93	9.06	8.75	4.654	26.06	12.29	7.561	67.21	69.4	-2.189	87.7	81.7	26.482	0	0		
"2012-07-11	02:00:00"	6.286	27.12	10.68	9.35	4.808	25.55	14.99	7.561	67.2	69.39	-2.184	88.1	82.1	26.485	0	0		
"2012-07-11	03:00:00"	6.509	10.93	11.5	9.95	5.066	5.301	15.45	8.16	67.47	69.59	-2.118	88.4	82.3	26.479	0	0		
"2012-07-11	04:00:00"	6.936	24.14	7.407	9.95	5.019	22.18	12.16	8.16	67.35	69.34	-1.995	88.3	82.5	26.474	0	0		
"2012-07-11	05:00:00"	7.711	24.84	7.275	10.54	5.628	21.85	12.56	8.16	67.16	69.16	-1.999	88.2	82.5	26.472	0	0		
"2012-07-11	06:00:00"	6.478	31.18	10.37	9.35	4.75	29.85	13.05	8.16	66.95	68.97	-2.017	89.1	83	26.469	0	0		
"2012-07-11	07:00:00"	6.598	17.26	8.1	9.35	4.766	11.77	13.52	8.16	66.19	68.16	-1.978	90.3	84.2	26.473	1.011	0		
"2012-07-11	08:00:00"	7.824	22.17	6.818	11.14	6.029	19.95	12.43	9.35	66.31	68.57	-2.259	90.5	83.9	26.478	59.04	0		
"2012-07-11	09:00:00"	8.16	27.65	8.15	12.33	6.829	27.18	12.06	11.14	67.84	70.38	-2.534	86.4	79.64	26.487	108.28	0		
"2012-07-11	10:00:00"	10.14	38.35	9.96	14.12	8.71	38.49	12.23	12.93	69.9	72.64	-2.736	78.92	72.8	26.497	267.79	0		
"2012-07-11	11:00:00"	10.78	49.25	13.15	16.51	9.12	50.11	14.61	15.31	73.08	76.24	-3.162	70.95	64.57	26.501	480.77	0		
"2012-07-11	12:00:00"	11.01	48.01	14.7	17.1	9.19	48.24	16.62	15.91	75.43	78.8	-3.378	66.97	60.16	26.5	476.42	0		
"2012-07-11	13:00:00"	11.66	51.22	14.79	16.51	9.67	51.99	16.5	15.31	76.35	79.14	-2.793	62.74	57.08	26.495	303.82	0		
"2012-07-11	14:00:00"	12.95	61.59	14.13	22.47	10.72	61.79	15.75	18.3	79.06	82.8	-3.782	55.58	48.81	26.477	924.98	0		
"2012-07-11	15:00:00"	11.77	76.63	15.83	20.09	9.87	76.77	16.39	18.3	80.8	84.8	-3.976	50.29	43.12	26.46	781.25	0		
"2012-07-11	16:00:00"	10.98	66.6	18.93	18.89	9.25	66.23	20.88	17.1	81.5	85.3	-3.87	48.06	41.17	26.44	620.36	0		
"2012-07-11	17:00:00"	9.78	63.58	25.88	21.87	8.21	63.71	27.27	20.68	82.6	87.1	-4.428	46.13	39.01	26.419	814.26	0		
"2012-07-11	18:00:00"	9.96	84.7	31.04	24.86	8.36	85.2	32.24	17.7	83.4	87.1	-3.786	43.49	37.42	26.401	498.3	0		

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-11	19:00:00"	10.02	59.63	14.61	17.7	8.44	59.59	16.37	15.31	84	87.1	-3.178	41.86	36.95	26.394	377.37	0	
"2012-07-11	20:00:00"	11.2	72.41	13	18.3	9.04	73.1	13.88	15.91	83.6	86.4	-2.771	41.64	36.97	26.392	204.45	0	
"2012-07-11	21:00:00"	8.78	68.11	9.04	14.72	6.919	68.35	10.25	12.33	82.1	84.3	-2.249	44.36	39.84	26.403	54.179	0	
"2012-07-11	22:00:00"	7.179	77.79	8.42	9.95	5.144	76.35	9.42	7.561	78.37	80.3	-1.953	55.2	50.53	26.414	0.34734	0	
"2012-07-11	23:00:00"	6.418	67.94	6.69	8.75	4.194	67.57	8.75	6.368	76.03	77.75	-1.729	60.79	56.76	26.435	0	0	
"2012-07-12	00:00:00"	6.391	72.46	5.551	7.561	3.985	67.77	8.05	5.771	74.52	75.86	-1.343	63.68	60.94	26.45	0	0	
"2012-07-12	01:00:00"	6.056	65.1	6.164	8.16	3.602	57.9	7.068	5.771	74.96	75.5	-0.538	61.2	60.97	26.455	0	0	
"2012-07-12	02:00:00"	5.561	36.86	10.71	6.964	3.604	26	13.89	5.175	72.75	73.49	-0.736	66.24	64.96	26.448	0	0	
"2012-07-12	03:00:00"	5.492	41.76	9.61	8.16	3.537	31.85	11.78	5.771	72.09	72.98	-0.89	67.85	66	26.44	0	0	
"2012-07-12	04:00:00"	6.887	62.95	7.128	8.16	4.086	60.9	7.687	5.771	71.83	72.69	-0.86	68.43	66.49	26.437	0	0	
"2012-07-12	05:00:00"	6.144	58.29	4.928	7.561	3.782	52.7	6.654	5.771	71	71.75	-0.752	69.95	68.25	26.435	0	0	
"2012-07-12	06:00:00"	4.992	54.05	10.65	6.368	3.342	31.71	18.12	4.578	70.18	70.19	-0.012	71.5	71.22	26.436	0	0	
"2012-07-12	07:00:00"	5.736	27.86	8.5	8.16	3.796	18.71	11.67	6.368	67.74	68.68	-0.937	77.97	75.12	26.444	0.98236	0	
"2012-07-12	08:00:00"	5.476	29.53	5.688	7.561	4.036	22.3	9.82	5.771	67.45	69.39	-1.937	80.3	75.61	26.446	59.528	0	
"2012-07-12	09:00:00"	3.632	35.93	9.43	6.368	3.322	37.8	11.48	5.175	71.52	74.82	-3.307	73.93	66.75	26.452	230.14	0	
"2012-07-12	10:00:00"	3.365	210.3	50.64	6.964	2.964	213.9	53.19	6.964	76.57	80.7	-4.139	63.33	54.64	26.46	434.01	0	
"2012-07-12	11:00:00"	3.972	217.4	32.96	7.561	3.564	223.2	39.6	7.561	78.93	83.5	-4.565	55.8	47.24	26.462	642.71	0	
"2012-07-12	12:00:00"	4.628	224.5	61.74	9.95	3.995	215.6	66.72	9.35	80.8	85.8	-4.987	49.56	41.04	26.464	722.91	0	
"2012-07-12	13:00:00"	5.51	179.3	40.41	11.74	4.764	177.5	40.43	9.95	81.9	86	-4.051	45.9	38.83	26.46	458.61	0	
"2012-07-12	14:00:00"	5.626	54.7	72.95	17.7	4.956	57.44	74.67	15.31	83.9	88.8	-4.968	38.16	31.98	26.453	628.06	0	
"2012-07-12	15:00:00"	9.32	60.76	27.27	17.1	8.04	60.52	29.93	15.31	86	90.6	-4.623	30.15	25.37	26.439	856.67	0	
"2012-07-12	16:00:00"	8.54	47.97	30.45	17.1	7.472	45.92	32.29	15.31	87.1	91.8	-4.715	26.44	22.04	26.423	818.39	0	
"2012-07-12	17:00:00"	9.66	84	37.38	18.89	8.21	84.9	38.87	17.1	88.5	92.8	-4.313	23.97	19.88	26.407	762.94	0	
"2012-07-12	18:00:00"	8.56	59.71	27.53	18.89	7.517	59.87	29.94	17.7	88.9	93.1	-4.188	24.52	20.48	26.392	662.68	0	
"2012-07-12	19:00:00"	8.99	95.9	21.36	17.1	7.651	95.3	24.71	15.31	88.4	91.9	-3.506	26.97	23.01	26.381	397.71	0	
"2012-07-12	20:00:00"	9.76	87.6	17.6	16.51	8.11	87.3	18.84	13.52	88.3	91.2	-2.859	26.65	23.12	26.375	232	0	
"2012-07-12	21:00:00"	9.41	119.9	15.21	16.51	7.296	120.6	15.57	14.12	86.5	88.8	-2.258	29.47	26.33	26.379	59.817	0	
"2012-07-12	22:00:00"	7.185	94.6	8.6	9.95	4.206	86.4	11.82	5.771	82.7	83	-0.264	30.75	30.34	26.388	0.39471	0	
"2012-07-12	23:00:00"	6.841	89.9	12.69	8.16	4.244	72.51	11.21	5.771	80.9	79.86	1.063	34.35	35.33	26.409	0	0	
"2012-07-13	00:00:00"	6.967	102	3.374	8.75	4.093	76.19	7.025	5.175	81	79.67	1.33	34.94	36.47	26.427	0	0	
"2012-07-13	01:00:00"	5.873	91.9	7.857	8.16	3.949	67.97	10.63	5.771	79.17	78.52	0.657	36.75	37.68	26.438	0	0	
"2012-07-13	02:00:00"	5.871	63.18	8.11	7.561	3.446	34.89	10.91	5.175	76.97	74.92	2.052	39.28	44.76	26.442	0	0	
"2012-07-13	03:00:00"	4.975	43.04	8.12	6.964	3.762	20.23	9.33	5.175	73.27	72.32	0.948	47.49	50.74	26.441	0	0	
"2012-07-13	04:00:00"	6.872	71.06	8.25	9.95	3.946	51.96	12.73	6.964	73.34	72.31	1.03	46.81	50.3	26.436	0	0	
"2012-07-13	05:00:00"	7.409	94	8.3	8.75	4.238	69.55	8.62	5.771	73.12	72.01	1.106	47.72	50.65	26.435	0	0	
"2012-07-13	06:00:00"	5.862	90.3	7.824	8.16	3.219	58.02	10.75	5.175	71.55	71.33	0.226	51.02	51.21	26.434	0	0	
"2012-07-13	07:00:00"	5.639	84.4	11.25	8.16	3.29	56.66	16.07	5.771	69.91	70.11	-0.202	57.25	55.46	26.447	1.1922	0	
"2012-07-13	08:00:00"	3.187	121.8	15.36	6.368	1.448	55.43	39.26	4.578	70.82	71.62	-0.799	59.94	57.08	26.455	62.442	0	
"2012-07-13	09:00:00"	2.613	170.6	23.5	4.578	1.919	158.8	52.59	3.386	74.91	78.3	-3.389	57.94	51.4	26.461	236.6	0	
"2012-07-13	10:00:00"	3.036	221	17.3	6.368	3.314	224.6	19.84	6.368	79.2	82.9	-3.671	50.68	43.77	26.467	442.58	0	
"2012-07-13	11:00:00"	5.873	227.9	21.22	11.14	5.433	229.1	26.8	11.74	82.4	86.4	-3.974	42.88	36.88	26.468	643.43	0	
"2012-07-13	12:00:00"	5.82	191	28.2	15.31	5.554	192.1	30.64	12.33	84.1	88.1	-4.014	36.93	31.79	26.473	516.68	0	
"2012-07-13	13:00:00"	6.498	174.9	58.49	19.49	6.208	173.9	62.16	16.51	85.8	90.4	-4.63	33.88	28.68	26.47	839.71	0	
"2012-07-13	14:00:00"	7.89	110.2	42.33	24.26	6.965	107.4	45.73	17.7	87.7	92	-4.339	28.2	23.62	26.459	601.48	0	
"2012-07-13	15:00:00"	9.84	93.7	29.51	20.09	8.58	93	36.41	17.7	89.3	93.7	-4.475	24.36	20.13	26.442	942.98	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-13	16:00:00"	9.09	98.4	41.65	20.09	7.875	96.5	44.1	18.3	90.2	95	-4.777	21.2	17.11	26.425	876.92	0	
"2012-07-13	17:00:00"	10.65	87.1	32.68	22.47	9.12	86	34.54	20.09	90.5	94.5	-3.992	22.68	18.82	26.409	763.81	0	
"2012-07-13	18:00:00"	9.16	92.3	37.17	15.91	7.819	93.5	39.07	14.12	91.2	95.4	-4.212	21.8	17.92	26.387	624.43	0	
"2012-07-13	19:00:00"	7.714	89.7	33.83	17.1	6.744	87.8	34.37	15.31	90.9	94.7	-3.793	23.84	19.95	26.376	457.99	0	
"2012-07-13	20:00:00"	9.52	90.4	17.68	20.68	7.975	89.5	19.53	18.3	90.4	93.3	-2.905	25.61	22.05	26.374	217.06	0	
"2012-07-13	21:00:00"	7.778	79.84	8.32	12.93	6.028	78.15	9.43	10.54	88.5	90.7	-2.15	26.81	23.73	26.385	55.303	0	
"2012-07-13	22:00:00"	6.969	87.2	8.21	10.54	4.263	81.6	8.44	8.16	84	84.8	-0.755	31.77	30.18	26.4	0.41999	0	
"2012-07-13	23:00:00"	5.699	104.5	7.008	9.35	4.158	89.7	11.07	5.771	81.7	81.3	0.486	33.91	34.25	26.415	0	0	
"2012-07-14	00:00:00"	7.824	103.8	4.714	9.35	4.309	86.3	9.2	5.771	80.9	80.3	0.591	34.46	34.86	26.431	0	0	
"2012-07-14	01:00:00"	8.85	100.8	4.707	9.95	4.671	81.3	6.678	5.771	79.52	77.99	1.533	35.49	37.45	26.435	0	0	
"2012-07-14	02:00:00"	8.69	97.2	4.421	11.74	4.84	83.9	8.14	6.368	76.88	76.45	0.433	37.98	38.33	26.436	0	0	
"2012-07-14	03:00:00"	8.28	114	13.31	10.54	5.019	105.7	17.97	6.964	74.42	75.04	-0.621	43.47	41.44	26.431	0	0	
"2012-07-14	04:00:00"	5.008	133.6	16.63	8.75	3.415	102.7	41.35	6.964	73.68	75	-1.321	50.54	46.12	26.422	0	0	
"2012-07-14	05:00:00"	5.026	151.4	11.61	8.16	3.332	138.3	19.94	5.771	73.41	74.9	-1.487	56.03	51.58	26.415	0	0	
"2012-07-14	06:00:00"	5.614	151.5	10.41	9.35	3.682	142.3	11.8	7.561	73.14	74.46	-1.33	59.1	55.11	26.414	0	0	
"2012-07-14	07:00:00"	7.387	157.8	9.87	11.74	5.628	154.1	10.74	9.35	73.77	75.35	-1.574	58.92	54.55	26.428	0.69447	0	
"2012-07-14	08:00:00"	4.579	80.2	33.39	9.95	3.367	63.79	37.89	8.16	70.74	72.74	-1.996	64.49	59.49	26.447	56.307	0	
"2012-07-14	09:00:00"	6.789	143.2	30.49	11.74	5.515	140.5	32.3	9.95	74.36	77.15	-2.788	58.45	52.56	26.466	238.32	0	
"2012-07-14	10:00:00"	10.9	169.9	12.76	16.51	8.83	167.7	13.97	14.12	78.6	81.8	-3.16	51.42	45.11	26.482	441.77	0	
"2012-07-14	11:00:00"	9.59	182.8	15.35	15.31	7.98	180.9	18.41	12.93	80.7	84.5	-3.81	49.11	42.16	26.488	616.78	0	
"2012-07-14	12:00:00"	7.372	177.4	24.71	12.93	6.361	176.1	29.62	11.74	83.8	88.3	-4.51	41.53	35.29	26.484	802.32	0	
"2012-07-14	13:00:00"	6.882	133	54.16	15.31	5.997	131	58.61	14.12	86.3	91.5	-5.241	35.35	29.34	26.475	860.91	0	
"2012-07-14	14:00:00"	8.76	148.9	38.44	21.28	7.433	149.1	39.38	19.49	87.7	92.3	-4.59	33.33	28.09	26.461	644.44	0	
"2012-07-14	15:00:00"	7.797	141.5	54.94	19.49	6.753	141.2	57.41	17.7	88.7	93.3	-4.641	31.12	26.08	26.439	702.59	0	
"2012-07-14	16:00:00"	10.8	113.8	30.66	23.66	9.1	114	32.95	17.7	90.9	95	-4.179	25.48	21.2	26.423	636	0	
"2012-07-14	17:00:00"	9	88	25.77	18.89	7.642	87.6	28.86	16.51	91.4	95.6	-4.177	23.82	19.69	26.408	685.65	0	
"2012-07-14	18:00:00"	9.65	84.1	26.89	20.68	8.15	83.2	28.14	18.89	92	95.8	-3.807	22.92	19.07	26.392	552.34	0	
"2012-07-14	19:00:00"	10.83	108.6	19.45	17.1	8.97	109.3	21.65	15.91	91.6	95	-3.389	24.51	20.72	26.38	315.76	0	
"2012-07-14	20:00:00"	9.73	96.5	16.19	17.7	7.902	95.6	17.7	14.72	91	93.6	-2.614	23.96	20.73	26.379	150.68	0	
"2012-07-14	21:00:00"	10.73	102.3	11.55	18.3	8.45	102.4	13.19	17.7	89.7	91.9	-2.189	25.98	22.76	26.387	62.234	0	
"2012-07-14	22:00:00"	7.479	92.8	4.995	9.35	4.823	90.1	7.724	6.368	84.1	85.4	-1.288	30.89	28.24	26.402	0.4263	0	
"2012-07-14	23:00:00"	8.96	94.5	5.778	11.14	5.247	87.8	9.27	7.561	80.3	80.6	-0.336	34.27	33.03	26.424	0	0	
"2012-07-15	00:00:00"	9.45	103	6.643	12.93	5.924	96.6	8.66	9.95	78.89	79.37	-0.478	32.75	31.42	26.434	0	0	
"2012-07-15	01:00:00"	12.53	119.2	8.79	18.89	9.47	118.8	10.92	14.12	79.03	80.5	-1.458	33.32	30.51	26.44	0	0	
"2012-07-15	02:00:00"	15.1	135	6.424	21.87	12.02	134.2	7.438	18.3	79.28	81	-1.681	39.76	36.26	26.441	0	0	
"2012-07-15	03:00:00"	10.13	127.2	9.27	15.91	7.512	125.6	11.29	13.52	76.91	78.54	-1.636	45.49	41.09	26.435	0	0	
"2012-07-15	04:00:00"	7.784	123.3	11.72	10.54	5.243	119.8	14.49	8.16	73.68	75.04	-1.355	50.17	46.16	26.432	0	0	
"2012-07-15	05:00:00"	5.872	148.1	10.6	8.75	4.237	144.6	11.31	6.964	73.05	74.75	-1.705	53.36	48.72	26.432	0	0	
"2012-07-15	06:00:00"	6.423	169	11.74	10.54	4.784	166.3	13.4	8.16	72.16	73.87	-1.708	57.61	52.79	26.44	0	0	
"2012-07-15	07:00:00"	6.421	176.9	9.7	9.35	4.754	172.6	11.67	6.964	71.35	73.09	-1.737	61.78	56.71	26.451	0.86143	0	
"2012-07-15	08:00:00"	6.221	178.5	8.45	9.35	4.638	175.4	10.12	7.561	70.85	73	-2.147	65.31	59.61	26.454	65.09	0	
"2012-07-15	09:00:00"	7.536	188.7	11.14	11.74	6.153	187	14.63	9.95	73.05	75.9	-2.846	64.7	58.07	26.464	240.69	0	
"2012-07-15	10:00:00"	9.32	182	11.31	14.12	7.619	178.9	14.61	11.74	76.6	79.9	-3.298	56.81	50	26.472	446.34	0	
"2012-07-15	11:00:00"	8.72	185.8	16.36	14.72	7.245	183.2	19.81	13.52	80.1	84.1	-3.975	47.93	40.89	26.474	644.63	0	
"2012-07-15	12:00:00"	7.335	173.7	31.47	20.09	6.358	172.7	34.55	16.51	83.3	87.9	-4.63	39.77	33.63	26.466	809.21	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-15	13:00:00"	7.794	178.3	28.81	17.1	6.775	177.7	30.37	15.91	85.3	90.4	-5.1	32.96	27.31	26.458	932.69	0	
"2012-07-15	14:00:00"	8.51	166.7	30.45	18.89	7.32	164.1	33.79	15.91	87.1	92.1	-5.041	31.31	25.87	26.44	870.23	0	
"2012-07-15	15:00:00"	10.05	169.6	22.45	20.09	8.57	168.3	25.29	18.3	88.4	93.3	-4.842	28.15	23.2	26.415	862.52	0	
"2012-07-15	16:00:00"	12.16	154.6	25.8	23.07	10.24	152.1	29.12	20.09	89.4	93.6	-4.216	25.65	21.29	26.392	747.21	0	
"2012-07-15	17:00:00"	10.02	176.3	24.24	23.07	8.47	173.7	28.31	20.09	89.4	93.6	-4.159	25.93	21.62	26.374	573.75	0	
"2012-07-15	18:00:00"	7.155	153.8	39.81	18.3	6.212	153.6	39.71	17.1	89.7	94	-4.275	25.57	21.16	26.357	457.27	0	
"2012-07-15	19:00:00"	7.503	188.1	24.91	14.72	6.481	185.9	28.54	12.93	89.9	93.8	-3.811	25.12	21.12	26.342	432.78	0	
"2012-07-15	20:00:00"	6.142	145.1	33.29	14.72	5.432	142.6	35.62	12.93	90.1	93.6	-3.548	24.76	20.87	26.339	302.51	0	
"2012-07-15	21:00:00"	6.766	126	26.23	12.33	5.529	125.7	25.97	10.54	89.6	92.2	-2.642	24.72	21.33	26.338	83.462	0	
"2012-07-15	22:00:00"	6.733	96.2	7.686	9.35	4.17	90.1	10.41	6.964	86	87.1	-1.101	26.06	23.92	26.345	0.50081	0	
"2012-07-15	23:00:00"	7.725	95.8	6.031	10.54	4.962	92.8	7.24	6.964	83	84.1	-1.072	29.22	26.97	26.362	0	0	
"2012-07-16	00:00:00"	13.71	114.1	13.88	21.87	10.53	113.8	15.43	18.3	80.4	82.2	-1.783	38.3	34.39	26.379	0	0	
"2012-07-16	01:00:00"	12.86	136.4	8.81	18.89	10.38	136.2	9.25	16.51	77.73	79.69	-1.963	48.24	43.38	26.383	0	0	
"2012-07-16	02:00:00"	9.91	164.6	11.02	16.51	8.01	162.8	12.81	13.52	75.94	77.95	-2.004	49.59	44.6	26.383	0	0	
"2012-07-16	03:00:00"	9.72	170.8	7.125	14.12	7.611	169.1	9.37	11.74	73.88	75.84	-1.967	55.56	50.37	26.378	0	0	
"2012-07-16	04:00:00"	8.37	191.5	10.5	12.93	6.365	193.2	14.15	11.74	71.78	73.89	-2.11	60.68	55.04	26.365	0	0	
"2012-07-16	05:00:00"	7.922	177.2	11.43	11.74	6.101	174.7	14.16	9.35	69.98	72.01	-2.036	63.81	58.27	26.361	0	0	
"2012-07-16	06:00:00"	7.741	167.8	9.17	11.14	6.022	166.3	10.73	9.95	68.67	70.74	-2.068	67.34	61.48	26.354	0	0	
"2012-07-16	07:00:00"	8.17	158.8	11.76	12.33	6.667	156	12.72	11.14	67.95	70.02	-2.069	72.33	66.29	26.353	0.67909	0	
"2012-07-16	08:00:00"	5.468	193.4	12.13	9.35	4.185	193.4	15.34	8.16	67.26	69.77	-2.51	75.78	68.87	26.369	58.822	0	
"2012-07-16	09:00:00"	8.68	180.3	8.79	12.93	6.994	177.8	12.08	11.14	69.35	72.15	-2.792	72.9	65.83	26.371	212.38	0	
"2012-07-16	10:00:00"	8.32	180.6	10.64	11.74	6.89	178.1	13.59	9.95	73.07	76.25	-3.173	66.1	58.75	26.384	315.4	0	
"2012-07-16	11:00:00"	8.19	175.4	13.14	12.33	6.835	172.9	15.77	11.14	76.69	79.99	-3.301	58.16	51.17	26.395	357.05	0	
"2012-07-16	12:00:00"	5.726	181.4	16.06	10.54	4.963	180	19.57	9.95	79.88	83.6	-3.743	51.43	44.37	26.4	404.27	0	
"2012-07-16	13:00:00"	6.58	194.5	25.42	14.12	5.72	191.6	28.74	12.93	83.6	87.8	-4.195	41.58	35.55	26.388	619.1	0	
"2012-07-16	14:00:00"	8.93	187.9	23.01	17.1	7.633	186.5	25.93	14.72	86.8	91.7	-4.845	34.19	28.7	26.367	936.67	0	
"2012-07-16	15:00:00"	10.47	181.6	24.34	20.68	8.76	180.6	28.64	17.1	88.8	93.6	-4.801	28.5	23.51	26.344	843.09	0	
"2012-07-16	16:00:00"	9.51	194	24.91	19.49	7.976	190.7	28.32	16.51	89.8	94.4	-4.627	26.67	22.05	26.318	850.53	0	
"2012-07-16	17:00:00"	10.35	200.4	44.94	24.86	8.72	201.7	47.27	21.28	91.1	96.1	-5.05	24.39	19.69	26.298	940.62	0	
"2012-07-16	18:00:00"	17.35	147	24.3	31.42	14.27	145.9	23.94	27.24	90.4	94.6	-4.226	27.78	23.1	26.283	730.67	0	
"2012-07-16	19:00:00"	25.71	117.3	8.81	36.19	20.52	117.8	11.25	30.82	84.3	87.6	-3.292	35.95	30.91	26.287	450.3	0	
"2012-07-16	20:00:00"	25.25	125.7	8.13	34.4	19.99	126	9.93	30.82	78.92	81.8	-2.893	43.16	37.65	26.296	222.89	0	
"2012-07-16	21:00:00"	19.27	131.8	7.034	28.43	15.43	132	8.15	24.86	77.9	80.4	-2.499	42.29	37.4	26.295	42.482	0	
"2012-07-16	22:00:00"	16.03	138.3	7.321	21.87	12.88	137.8	7.702	18.3	76.37	78.64	-2.27	43.92	38.99	26.303	0.29846	0	
"2012-07-16	23:00:00"	13.4	134.6	8.1	20.09	10.79	134	8.54	17.1	76.83	78.99	-2.163	42.11	37.75	26.32	0	0	
"2012-07-17	00:00:00"	12.37	136.2	7.53	17.7	9.87	135.6	8.39	14.72	76.96	79.06	-2.094	43.73	39.13	26.336	0	0	
"2012-07-17	01:00:00"	13.85	138.7	10.35	20.09	10.98	137.9	10.41	16.51	77.64	79.68	-2.038	42.63	38.26	26.349	0	0	
"2012-07-17	02:00:00"	10.38	124.6	11.22	18.3	8.12	124.5	12.17	14.72	75.41	77.57	-2.163	48.58	43.52	26.356	0.0001	0	
"2012-07-17	03:00:00"	9.49	209.3	25.74	23.07	7.513	210	27.65	18.89	74.26	75.95	-1.694	55.26	51.79	26.369	0	0	
"2012-07-17	04:00:00"	11.65	225.1	16.64	19.49	9.53	224.7	20.49	17.7	72.2	74.38	-2.184	62.53	56.95	26.369	0	0	
"2012-07-17	05:00:00"	13.41	208.2	22.14	22.47	10.87	209.3	25.52	18.3	70.26	72.45	-2.192	68.51	62.53	26.352	0	0	
"2012-07-17	06:00:00"	13.36	178.4	12.22	23.66	10.5	176.8	14.82	19.49	69.06	71.17	-2.108	65.7	60.06	26.314	0	0	
"2012-07-17	07:00:00"	7.903	177.4	11.03	14.12	6.327	174.8	12.87	10.54	67.93	70.14	-2.21	69.86	63.76	26.317	0.79988	0	
"2012-07-17	08:00:00"	5.89	194.3	14.93	11.14	4.557	191.9	16.67	9.35	67.44	69.8	-2.366	72.14	65.88	26.334	49.684	0	
"2012-07-17	09:00:00"	9.95	182.4	11.66	17.7	7.914	180.5	14.39	15.31	70.79	73.58	-2.788	68.03	61.36	26.35	231.28	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-17	10:00:00"	14.66	176.6	8.34	21.28	11.6	173.8	11.15	18.3	74.23	77.15	-2.914	62.22	55.66	26.36	382.62	0	
"2012-07-17	11:00:00"	13.59	188.6	13.23	20.68	10.95	186.8	15.25	17.1	77.6	81.2	-3.592	55.22	47.94	26.363	626.35	0	
"2012-07-17	12:00:00"	13.7	193.8	13.95	21.28	11.22	192.1	17.3	18.89	80.4	84.4	-3.984	51.04	43.49	26.361	784.86	0	
"2012-07-17	13:00:00"	12.43	185.3	17.44	23.66	10.25	183.6	20.72	20.68	82.9	87.3	-4.386	45.25	38.14	26.357	897.95	0	
"2012-07-17	14:00:00"	11.65	187.3	20.91	20.68	9.7	185.3	23.66	17.1	85.8	90.6	-4.88	38.29	32.27	26.35	950.08	0	
"2012-07-17	15:00:00"	11.43	177.7	28.67	20.68	9.56	175.1	29.81	18.89	88	92.8	-4.76	33.7	28.2	26.331	935.98	0	
"2012-07-17	16:00:00"	10.12	150.2	36.43	21.87	8.68	148.5	38.26	18.89	89.2	94.2	-4.96	31.11	25.74	26.311	937.2	0	
"2012-07-17	17:00:00"	9.88	159.4	30.65	19.49	8.32	158.7	33.07	17.1	89.7	94.3	-4.61	30.46	25.37	26.29	688.14	0	
"2012-07-17	18:00:00"	9.26	157	33.89	17.7	7.924	155	35.86	14.72	90.3	94.7	-4.41	29.51	24.64	26.277	664.02	0	
"2012-07-17	19:00:00"	10.32	159	20.72	18.3	8.67	157.3	22.29	16.51	90.2	93.6	-3.423	29.37	25.13	26.273	226.32	0	
"2012-07-17	20:00:00"	12.07	152.9	12.41	17.1	9.98	150.8	13.34	15.31	89.6	92.4	-2.767	30.93	27.08	26.275	146.01	0	
"2012-07-17	21:00:00"	11.51	152	10.25	17.1	9.49	150.4	10.65	15.91	88.8	91.2	-2.401	32.2	28.5	26.284	57.729	0	
"2012-07-17	22:00:00"	10.54	143.8	6.652	14.72	8.45	142.1	7.07	11.14	85.8	87.8	-2.032	34.33	30.81	26.298	0.33065	0	
"2012-07-17	23:00:00"	9.75	149.6	8.66	14.12	7.931	147.8	8.52	12.33	83	85	-2.005	36.64	33.04	26.319	0	0	
"2012-07-18	00:00:00"	10.29	161.7	9.88	16.51	8.33	159.2	11.14	13.52	80.7	82.7	-2.042	41.1	36.98	26.341	0	0	
"2012-07-18	01:00:00"	11.1	168.1	7.666	16.51	8.74	166.5	9.69	14.72	79.71	81.7	-1.95	46.73	42	26.353	0	0	
"2012-07-18	02:00:00"	12.49	169	8.02	18.3	9.9	167.3	10.01	15.31	78.54	80.5	-1.923	49.87	45.06	26.363	0	0	
"2012-07-18	03:00:00"	13.88	170.1	7.269	18.89	10.85	167.9	9.42	15.91	77.31	79.21	-1.901	52.31	47.47	26.361	0	0	
"2012-07-18	04:00:00"	11.99	169.1	7.428	18.3	9.46	167.4	9.97	15.91	76.06	78	-1.935	53.7	48.74	26.358	0	0	
"2012-07-18	05:00:00"	10.67	166.1	8.84	16.51	8.52	163.8	10.68	14.12	74.94	76.88	-1.939	55.29	50.28	26.364	0	0	
"2012-07-18	06:00:00"	10.27	167.7	7.621	14.12	8.12	165.7	9.39	11.74	73.88	75.82	-1.936	56.38	51.32	26.374	0	0	
"2012-07-18	07:00:00"	8.54	163.8	12.51	14.12	6.802	161.9	13.91	10.54	72.31	74.29	-1.988	58.65	53.36	26.389	0.54772	0	
"2012-07-18	08:00:00"	9.36	146.8	9.98	13.52	7.566	145.8	10.25	11.74	70.76	72.98	-2.221	63.2	57.35	26.402	55.13	0	
"2012-07-18	09:00:00"	11.05	164	11	18.3	9.05	162.1	11.91	15.91	71.95	74.66	-2.705	68.87	62.06	26.416	221.76	0	
"2012-07-18	10:00:00"	13.84	161.8	11.69	20.68	11.38	159.7	12.97	18.3	74.61	77.62	-3.006	65.22	58.22	26.429	417.13	0	
"2012-07-18	11:00:00"	11.87	161.5	12.92	20.09	9.98	159.2	13.57	17.7	77.23	80.9	-3.649	59.58	51.87	26.432	627.24	0	
"2012-07-18	12:00:00"	12.46	160.7	15.81	21.28	10.54	158.5	17.28	17.1	80.2	84.3	-4.061	52.08	44.35	26.437	794.19	0	
"2012-07-18	13:00:00"	13.12	158.3	20.18	23.07	10.9	156.9	21.38	22.47	83.2	87.5	-4.369	44.63	37.64	26.433	906.12	0	
"2012-07-18	14:00:00"	14.15	146.7	20.44	22.47	11.71	146.1	20.94	20.68	85.7	90.3	-4.528	38.09	32.32	26.425	940.8	0	
"2012-07-18	15:00:00"	15.84	161.5	16.11	27.84	13.12	159.7	17.79	23.66	87.6	92.2	-4.612	33.55	28.2	26.409	950.5	0	
"2012-07-18	16:00:00"	14.91	166.2	19.12	26.05	12.34	164.4	20.91	21.87	89.1	93.7	-4.584	29.99	24.98	26.388	947.84	0	
"2012-07-18	17:00:00"	13.65	159.1	20.65	24.86	11.43	157.7	21.52	21.87	90	94.5	-4.479	29.19	24.33	26.367	845.06	0	
"2012-07-18	18:00:00"	13.44	158.1	18.63	23.07	11.36	155.7	19.47	21.28	90.6	94.6	-3.957	26.96	22.6	26.348	663.32	0	
"2012-07-18	19:00:00"	14.17	142.4	22.48	25.45	11.73	141.4	22.71	21.28	90.9	94.4	-3.506	24.52	20.63	26.343	451.06	0	
"2012-07-18	20:00:00"	14.31	150.5	15.06	24.26	11.8	148.5	15.54	20.68	90.2	93.1	-2.941	24.81	21.18	26.341	240.92	0	
"2012-07-18	21:00:00"	13.29	149.3	10.47	20.68	10.89	147.4	10.66	18.89	88.7	91.1	-2.384	28.33	24.8	26.354	60.98	0	
"2012-07-18	22:00:00"	11.8	154	9.01	17.7	9.75	151.4	9.1	15.31	85.3	87.4	-2.088	33.6	30.01	26.385	0.21679	0	
"2012-07-18	23:00:00"	9.95	150.3	9.18	20.68	8.08	148	9.11	16.51	82.2	84.2	-2.014	36.03	32.43	26.419	0	0	
"2012-07-19	00:00:00"	14.34	172.7	6.683	21.87	11.32	170.1	9.35	18.3	79.48	81.5	-2.023	48.28	43.29	26.442	0	0	
"2012-07-19	01:00:00"	12.75	176.4	6.159	18.89	10.01	173.8	8.87	14.72	77.49	79.51	-2.026	52.12	47.05	26.454	0	0	
"2012-07-19	02:00:00"	9.94	182.6	9.03	17.7	7.882	180.5	11.75	15.31	75.71	77.8	-2.09	55.52	50.17	26.468	0	0	
"2012-07-19	03:00:00"	8.4	182	8.42	12.33	6.642	179.4	10.81	10.54	74.45	76.53	-2.089	59.6	54.09	26.479	0	0	
"2012-07-19	04:00:00"	9.01	183.1	9.45	16.51	7.032	181	11.85	12.93	72.53	74.66	-2.127	65.79	59.88	26.478	0	0	
"2012-07-19	05:00:00"	6.432	164.5	19.47	9.95	5.082	161.3	20.7	9.95	70.24	72.43	-2.189	71.87	65.59	26.478	0	0	
"2012-07-19	06:00:00"	8.14	161.4	11.1	12.93	6.584	158.7	11.97	9.95	68.38	70.51	-2.13	73.55	67.4	26.48	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-07-19	07:00:00"	3.66	156	33.27	9.35	2.916	157.4	51.17	8.16	67.44	69.38	-1.946	73.23	67.39	26.488	0.71829	0
"2012-07-19	08:00:00"	3.63	98.8	37.3	6.368	3.078	87	46.2	5.771	66.99	68.74	-1.744	73.34	67.88	26.499	55.071	0
"2012-07-19	09:00:00"	6.289	140.2	15.17	11.14	5.168	140	16.93	9.35	68.96	72.06	-3.096	68.38	61	26.515	226.11	0
"2012-07-19	10:00:00"	10.19	155.9	13.35	17.1	8.49	153.7	13.71	14.72	72.54	75.84	-3.299	60.15	52.94	26.528	430.59	0
"2012-07-19	11:00:00"	12.12	163.6	15.32	20.09	10.08	161.2	16.61	17.7	75.35	79	-3.659	54.71	47.29	26.531	625.76	0
"2012-07-19	12:00:00"	12.99	164.1	16.77	21.87	10.72	161.4	17.73	18.89	78.51	82.6	-4.121	47.95	40.51	26.535	788.7	0
"2012-07-19	13:00:00"	12.11	151.5	18.96	22.47	10.12	149.8	19.76	19.49	80.5	85.2	-4.654	43.64	36.51	26.533	905.91	0
"2012-07-19	14:00:00"	15.03	159.4	19.22	27.24	12.49	157.5	20.24	21.28	83	87.5	-4.544	39.34	33.39	26.522	958.5	0
"2012-07-19	15:00:00"	14.81	161.2	15.93	26.05	12.39	158.7	17.55	21.87	84.6	89.3	-4.681	37.28	31.39	26.51	959.33	0
"2012-07-19	16:00:00"	14.56	152.3	22.69	28.43	12.17	150.8	22.3	27.24	85.8	90.3	-4.538	37.15	31.41	26.491	877.88	0
"2012-07-19	17:00:00"	13.39	165.4	18.27	24.86	11.3	162.9	20.96	21.28	86.7	91	-4.371	36.51	30.93	26.468	748.2	0
"2012-07-19	18:00:00"	14.08	165.9	18.12	26.05	11.58	164.1	19.35	22.47	87.8	92	-4.189	35.14	29.89	26.448	659.67	0
"2012-07-19	19:00:00"	14.92	149.9	18.06	24.86	12.35	149.1	18.59	20.09	88.4	92.1	-3.652	32.76	28.11	26.436	464.28	0
"2012-07-19	20:00:00"	14.9	152.4	14.73	25.45	12.27	151.1	15.01	20.09	88.1	91.1	-3.004	32.87	28.64	26.432	239.53	0
"2012-07-19	21:00:00"	14.07	150.3	11.57	21.28	11.56	148.3	11.65	17.7	86.6	89.1	-2.468	34.97	31	26.441	58.45	0
"2012-07-19	22:00:00"	9.9	152	9.14	15.91	8.24	149.7	9.17	14.12	83.6	85.8	-2.166	37.91	34.07	26.46	0.37393	0
"2012-07-19	23:00:00"	6.868	158.9	10.64	15.91	7.594	156.4	10.97	12.33	81	83.1	-2.111	41.88	37.53	26.488	0	0
"2012-07-20	00:00:00"	7.748	165.2	8.87	12.33	6.192	165	9.86	9.35	78.97	81	-2.04	46.41	41.5	26.51	0	0
"2012-07-20	01:00:00"	9.91	167.8	8.35	15.31	7.94	165.6	9.95	12.93	77.14	79.16	-2.021	51.7	46.57	26.519	0	0
"2012-07-20	02:00:00"	11.76	166.3	9.3	18.89	9.49	164.6	11.16	17.7	75.78	77.84	-2.057	56.85	51.52	26.522	0	0
"2012-07-20	03:00:00"	9.74	162.8	10.18	15.31	7.854	159.9	11.39	12.93	74.16	76.27	-2.107	60.41	54.82	26.524	0	0
"2012-07-20	04:00:00"	8	151.2	8.99	12.33	6.515	148.4	8.7	9.95	72.83	74.98	-2.157	64.38	58.52	26.521	0	0
"2012-07-20	05:00:00"	7.028	141.2	9.56	11.74	5.217	137.9	11.09	9.95	72.09	74.1	-2.012	65.45	59.77	26.521	0	0
"2012-07-20	06:00:00"	5.884	131.8	15.16	9.35	3.982	122.9	26.1	6.964	71.06	72.98	-1.924	67.42	61.64	26.52	0	0
"2012-07-20	07:00:00"	6.262	135	11.91	9.95	4.172	126.2	23.75	8.16	70.31	72.17	-1.86	70.1	64.38	26.523	0.67423	0
"2012-07-20	08:00:00"	5.515	124.6	22.96	10.54	4.001	120.3	25.14	9.35	69.77	72.3	-2.537	72.67	65.77	26.526	56.687	0
"2012-07-20	09:00:00"	10.56	172.3	8.77	16.51	8.54	170.4	11.37	14.72	72.02	74.92	-2.902	73.57	66.22	26.531	227.97	0
"2012-07-20	10:00:00"	13.1	184.7	11.13	19.49	10.52	182.7	14.8	16.51	75.82	79.06	-3.237	66.42	59.09	26.533	429.19	0
"2012-07-20	11:00:00"	11.24	185.6	13.16	18.3	9.18	183	16.42	14.72	78.62	82.6	-3.948	59.49	51.35	26.538	623.53	0
"2012-07-20	12:00:00"	7.242	195.6	27.7	14.12	6.527	197.2	30.87	12.33	80.8	85.5	-4.617	53.36	44.73	26.542	792.12	0
"2012-07-20	13:00:00"	8.62	181.1	19.37	17.1	7.4	180	22.24	15.31	83	87.9	-4.931	47.8	39.47	26.533	867.94	0
"2012-07-20	14:00:00"	9.91	163.2	29.45	19.49	8.38	162.4	31.95	15.91	85.6	90.8	-5.183	42.28	35.09	26.518	985.23	0
"2012-07-20	15:00:00"	10.39	167.8	24.88	19.49	8.79	166.1	27.55	17.1	87.6	92.6	-5.005	37.26	31.15	26.499	840.37	0
"2012-07-20	16:00:00"	10.05	132.8	26.88	20.09	8.55	132.8	28.71	18.89	88.8	93.4	-4.57	34.74	29.19	26.484	718.47	0
"2012-07-20	17:00:00"	9.68	159.4	25.53	21.28	8.28	158.1	28.16	19.49	90	94.8	-4.736	31.92	26.62	26.468	785.53	0
"2012-07-20	18:00:00"	11.45	163.5	27.83	20.68	9.52	162.7	28.61	17.7	90.5	94.7	-4.135	30.8	25.98	26.454	576.86	0
"2012-07-20	19:00:00"	11.36	173.2	16.89	22.47	9.37	172.1	19	19.49	90.9	94.7	-3.799	30.5	25.94	26.442	459.04	0
"2012-07-20	20:00:00"	10.84	160.2	14.16	17.7	8.94	159.3	15.64	15.31	90.6	93.7	-3.078	31.19	27.08	26.436	198.26	0
"2012-07-20	21:00:00"	8.95	155.7	11.55	16.51	7.484	153.8	12.08	15.31	89.8	92.2	-2.418	31.42	27.75	26.437	53.902	0
"2012-07-20	22:00:00"	6.564	153.1	8.93	9.95	5.143	151.2	9.44	8.16	87.3	89.1	-1.869	33.46	30.17	26.451	0.1782	0
"2012-07-20	23:00:00"	6.859	157.6	11.11	11.74	5.38	154	11.93	8.75	84.9	86.7	-1.775	35.57	32.31	26.47	0	0
"2012-07-21	00:00:00"	7.153	161.7	8.3	9.95	5.539	155.2	8.75	8.16	84	85.6	-1.57	36.11	33.14	26.483	0	0
"2012-07-21	01:00:00"	7.419	172	9.26	11.14	5.673	170.6	11.16	8.16	82.2	83.9	-1.738	37.29	34.03	26.485	0	0
"2012-07-21	02:00:00"	4.488	206.7	12.46	8.75	3.358	203.5	13.05	6.964	79.48	81.3	-1.854	40.49	36.72	26.485	0	0
"2012-07-21	03:00:00"	5.96	201.1	8.76	8.75	4.191	198.9	9.29	6.368	78.03	79.7	-1.669	43.05	39.06	26.482	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-21	04:00:00"	5.354	192	8.2	7.561	3.628	188.7	11.73	5.175	76.99	78.46	-1.475	44.61	40.76	26.48	0
"2012-07-21	05:00:00"	6.162	194.9	10.12	8.16	4.227	193.3	12.31	6.964	76.05	77.65	-1.593	45.63	41.55	26.48	0
"2012-07-21	06:00:00"	5.645	204.4	8.83	8.16	4.05	203.1	9.25	6.368	74.95	76.59	-1.632	47.06	42.83	26.483	0
"2012-07-21	07:00:00"	4.459	212	13.74	7.561	3.169	209.7	12.4	6.368	73.69	75.47	-1.776	49.46	44.83	26.486	0.51474
"2012-07-21	08:00:00"	3.075	213.5	11.56	4.578	1.765	206.4	17.13	3.386	73.68	75.7	-2.023	50.22	45.31	26.491	51.409
"2012-07-21	09:00:00"	3.804	219.4	13.81	5.771	3.38	224.1	14.53	5.771	75.99	78.99	-2.996	51.25	45.04	26.5	231.14
"2012-07-21	10:00:00"	5.122	213.1	16.22	8.75	4.628	214.3	20.74	8.16	79.51	83.1	-3.637	48.73	41.93	26.508	435.21
"2012-07-21	11:00:00"	4.885	209.2	19.05	8.75	4.525	208.7	23.88	8.75	83.8	88.2	-4.372	39.41	33.64	26.507	631.93
"2012-07-21	12:00:00"	3.944	234.3	56.27	9.35	4.027	233.9	59.95	8.16	87	92.5	-5.523	34.21	28.21	26.506	799.66
"2012-07-21	13:00:00"	5.167	224.7	66.5	15.91	4.713	224.4	68.71	14.72	88.8	94.1	-5.356	32.58	26.71	26.493	723
"2012-07-21	14:00:00"	6.744	120.3	43.72	15.31	5.927	120.2	45.05	13.52	90.2	94.7	-4.481	30.92	25.94	26.477	488.42
"2012-07-21	15:00:00"	10.44	259.4	32.95	32.61	8.29	261.2	35.38	30.22	86.2	87.5	-1.381	37.47	37.6	26.463	232.21
"2012-07-21	16:00:00"	11.17	22.55	67.63	24.86	8.66	20.56	67.56	20.09	86.5	88.6	-2.102	34.78	33.46	26.455	213.67
"2012-07-21	17:00:00"	11.63	100.8	15.63	23.66	9.33	100.7	17.68	18.3	84.8	86.8	-1.981	37.42	35.45	26.437	237.41
"2012-07-21	18:00:00"	8.91	102.1	32.26	17.1	7.523	101.5	32.26	14.12	89.6	92.6	-2.973	30.26	27.61	26.416	633.53
"2012-07-21	19:00:00"	5.15	133.5	45.28	14.72	4.571	131.1	48.04	12.33	91	94.4	-3.43	28.47	25.07	26.398	368.2
"2012-07-21	20:00:00"	10.2	107	25.48	20.68	8.26	106.5	26.56	17.1	91.6	94.2	-2.647	27.71	24.61	26.394	253.95
"2012-07-21	21:00:00"	10.27	93.2	7.671	20.68	7.955	91.4	9.33	17.1	87.2	89.1	-1.837	35.03	31.99	26.398	38.842
"2012-07-21	22:00:00"	7.199	89.7	6.295	9.95	4.02	85.7	11.29	5.771	83.9	84.1	-0.198	39.89	38.43	26.402	0.1648
"2012-07-21	23:00:00"	7.074	96.2	5.368	10.54	4.696	88.8	9.49	6.964	81.8	81.7	0.125	42.88	42.09	26.406	0
"2012-07-22	00:00:00"	6.124	66.96	13.74	8.16	3.909	50.71	20.3	5.771	80.3	80.4	-0.145	45.17	43.86	26.409	0
"2012-07-22	01:00:00"	5.988	71.63	8.12	6.964	3.606	42.56	17.39	5.175	80.5	78.86	1.606	43.08	45.23	26.411	0
"2012-07-22	02:00:00"	6.552	42.43	12.26	9.95	4.53	37.02	12.86	8.75	78.15	78.64	-0.494	44.26	42.46	26.419	0
"2012-07-22	03:00:00"	6.527	38.96	11.37	9.35	4.56	34.53	11.65	6.964	75.98	75.92	0.061	47.07	46.22	26.425	0
"2012-07-22	04:00:00"	5.5	81.8	9.56	8.16	3.657	60.94	9.42	5.771	77.72	77.19	0.529	43.81	43.52	26.428	0
"2012-07-22	05:00:00"	4.967	106.2	20.51	6.964	3.141	73.8	14.26	5.771	75.62	75.66	-0.042	46.85	45.88	26.426	0
"2012-07-22	06:00:00"	3.912	87.2	18.58	5.771	3.015	34.57	12.11	5.175	74.82	73.43	1.392	45.88	48.14	26.424	0
"2012-07-22	07:00:00"	3.644	82.1	23.91	6.368	3.35	18.09	12.66	5.175	74.84	70.72	4.121	44.91	53.34	26.427	0.46377
"2012-07-22	08:00:00"	5.424	72.21	14.86	9.35	4.046	48.18	27.92	8.75	73.23	72.72	0.503	49.6	51.55	26.442	70.492
"2012-07-22	09:00:00"	3.997	109.5	36.51	6.368	3.343	107.4	38.58	5.771	77.51	79.94	-2.429	44.12	40.5	26.454	141.31
"2012-07-22	10:00:00"	4.346	151.9	26.17	6.368	3.795	150.4	26.18	5.771	81.5	84.3	-2.786	36.14	32.8	26.464	251.69
"2012-07-22	11:00:00"	4.298	217	15.74	7.561	4.216	222.1	19.36	6.964	84.8	88.8	-4.003	33.91	29.36	26.46	628.32
"2012-07-22	12:00:00"	4.537	226	26.48	8.75	4.358	230.3	30.58	8.16	89.4	94.3	-4.882	27.43	22.86	26.46	808.67
"2012-07-22	13:00:00"	5.026	264.4	67.3	13.52	4.414	271	66.57	11.74	91.8	97.7	-5.947	24.67	19.66	26.452	922.27
"2012-07-22	14:00:00"	8.06	150.5	51.66	21.28	6.999	147.5	52.41	18.89	93.5	99	-5.505	23.98	19.21	26.436	1032.3
"2012-07-22	15:00:00"	10.5	156.9	30.04	20.68	8.95	155.9	31.4	18.3	94.2	99.5	-5.212	22.59	18.11	26.421	1076.5
"2012-07-22	16:00:00"	14.35	122.9	22.08	27.84	11.9	123	22.89	24.26	94.1	98.4	-4.278	23	18.87	26.408	617.12
"2012-07-22	17:00:00"	8.05	112.8	37.76	15.31	6.919	113.1	38.25	13.52	93.9	98.2	-4.28	22.76	18.71	26.393	610.13
"2012-07-22	18:00:00"	8.08	153.9	34.54	17.7	6.97	154.2	35.14	15.31	95	99.4	-4.43	21.74	17.67	26.38	655.44
"2012-07-22	19:00:00"	14.57	178.4	16.32	26.05	11.76	176.4	19.75	23.07	94.1	97.6	-3.497	24.35	20.49	26.373	440.25
"2012-07-22	20:00:00"	12.09	173.4	12.22	20.68	9.8	170.4	14.1	17.1	93.3	96.2	-2.893	25.18	21.67	26.373	227.61
"2012-07-22	21:00:00"	11.26	153.6	14.51	16.51	9.36	151.1	14.73	14.12	91.8	94.1	-2.319	26.13	22.84	26.382	37.353
"2012-07-22	22:00:00"	10.08	130.6	8.01	15.31	7.715	130.1	8.52	11.74	88.4	90.4	-1.985	29.78	26.54	26.402	0.1083
"2012-07-22	23:00:00"	10.9	138.9	7.705	17.7	8.53	137.6	8.23	14.72	85.9	87.7	-1.789	31.9	28.78	26.411	0
"2012-07-23	00:00:00"	8.82	136	9.27	12.93	6.824	134.3	9.71	10.54	83.1	85.1	-2.024	33.72	30.32	26.421	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-23	01:00:00"	8.67	162	11.83	12.33	6.918	159.9	12.78	11.14	81.3	83.5	-2.162	36.73	33.1	26.424	0
"2012-07-23	02:00:00"	11.54	160.5	16.71	16.51	9.22	158.4	16.61	13.52	80.4	82.4	-2.028	36.41	32.93	26.432	0
"2012-07-23	03:00:00"	11.69	174.2	16.39	17.7	9.35	172.9	17.79	15.31	79.96	82	-2.038	38.97	35.39	26.425	0
"2012-07-23	04:00:00"	14.11	177.1	6.841	20.09	11.08	174.6	9.42	17.7	81	82.9	-1.947	39.48	35.91	26.417	0
"2012-07-23	05:00:00"	11.95	177.6	7.083	18.3	9.41	175	10.13	15.91	80.3	82.3	-2.042	42.41	38.15	26.428	0
"2012-07-23	06:00:00"	6.393	143.8	37.34	11.74	5.001	140.6	38.24	10.54	79.64	81.8	-2.164	43.94	39.22	26.445	0
"2012-07-23	07:00:00"	5.442	144.3	48.55	8.75	4.084	143.3	51.9	7.561	78.78	80.9	-2.084	45.87	41.13	26.459	0.08257
"2012-07-23	08:00:00"	7.631	220.7	26.79	12.93	6.17	221.7	30.84	10.54	78.51	80.7	-2.218	46.72	41.8	26.457	20.211
"2012-07-23	09:00:00"	10.22	185.3	12.28	15.31	8.15	184.4	15.59	12.93	77.4	79.9	-2.501	50.13	44.65	26.464	117.44
"2012-07-23	10:00:00"	7.048	188.6	15.54	13.52	5.81	186.3	18.97	11.14	79.05	82.2	-3.185	47.88	41.89	26.471	318.1
"2012-07-23	11:00:00"	6.398	153.7	20.97	11.14	5.582	152.4	22.7	9.35	81.3	84.7	-3.407	44.35	38.22	26.471	210.78
"2012-07-23	12:00:00"	7.28	135	14.12	10.54	6.152	135.1	15.54	9.35	82	85.4	-3.404	42.08	36.72	26.468	304.38
"2012-07-23	13:00:00"	7.715	143.5	18.12	14.12	6.614	143.8	19.3	11.74	84.9	89.3	-4.409	38.49	32.93	26.462	754.41
"2012-07-23	14:00:00"	8.44	164.6	34.78	21.87	7.179	162.2	38.38	18.89	89.6	94.8	-5.173	30.8	25.39	26.445	943.82
"2012-07-23	15:00:00"	13.35	209.3	37.27	24.26	11.01	208.8	40.24	20.68	90	94.4	-4.397	31.55	26.57	26.424	764.5
"2012-07-23	16:00:00"	12.99	180.6	20.6	26.65	10.66	178.2	22.49	20.68	91.2	94.9	-3.662	27.84	23.69	26.414	548.06
"2012-07-23	17:00:00"	14.01	173.2	21.97	27.24	11.47	171.3	24.01	24.26	92.7	97.2	-4.468	25.05	20.62	26.393	933.08
"2012-07-23	18:00:00"	14.29	167.2	19.54	23.66	11.92	165.4	20.99	22.47	93.3	97.4	-4.131	24.66	20.39	26.378	752.86
"2012-07-23	19:00:00"	14.74	173.3	15.68	27.84	11.89	171.3	17.47	21.87	92.4	95.6	-3.212	25.65	21.79	26.381	308.79
"2012-07-23	20:00:00"	12.18	147.1	11.84	18.89	9.86	145.8	12.22	14.72	91	93.4	-2.354	26.04	22.76	26.388	67.997
"2012-07-23	21:00:00"	15.4	152	10.92	30.22	12.79	149.3	10.83	26.65	88.3	90.6	-2.256	32.34	28.55	26.393	43.496
"2012-07-23	22:00:00"	17.86	154.4	9.28	27.84	14.77	152	9.43	23.66	83	85.1	-2.063	38.89	35.12	26.416	0.1422
"2012-07-23	23:00:00"	13.84	155.6	9.42	21.28	11.47	152.4	9.33	18.3	81.3	83.3	-2	42.1	37.89	26.432	0
"2012-07-24	00:00:00"	12.8	156	9.76	20.68	10.54	153.4	10	17.1	80.4	82.4	-1.977	42.24	38.02	26.442	0
"2012-07-24	01:00:00"	10.63	161.7	10.89	16.51	8.61	159.8	12.42	13.52	78.12	80.1	-2.013	46.51	41.65	26.443	0
"2012-07-24	02:00:00"	11.63	173.7	7.543	18.3	9.09	171.7	9.84	15.91	77.37	79.24	-1.875	48.21	43.61	26.435	0
"2012-07-24	03:00:00"	9.58	177.5	9.2	13.52	7.405	175.6	11.75	11.74	76.01	77.96	-1.955	50.22	45.29	26.431	0
"2012-07-24	04:00:00"	8.9	181.2	9.15	14.12	7.002	178.9	11.15	10.54	74.3	76.26	-1.962	53.01	48	26.427	0
"2012-07-24	05:00:00"	9.52	174.8	7.917	13.52	7.28	172.3	9.73	10.54	73.26	75.15	-1.892	55.41	50.41	26.427	0
"2012-07-24	06:00:00"	10.12	169.9	7.82	15.91	7.921	168.3	9.79	12.93	72.7	74.57	-1.871	58.35	53.28	26.431	0
"2012-07-24	07:00:00"	11.15	171.8	7.357	16.51	8.73	170.8	9.99	13.52	72.25	74.22	-1.963	65.23	59.68	26.433	0.31933
"2012-07-24	08:00:00"	11.58	178.5	7.456	16.51	9.07	176.2	9.65	14.12	71.41	73.6	-2.185	71.35	65.32	26.438	48.158
"2012-07-24	09:00:00"	15.99	175.8	7.449	22.47	12.75	173.2	9.97	18.89	72.75	75.25	-2.503	71.17	64.72	26.44	217.43
"2012-07-24	10:00:00"	15.23	185.5	11.15	22.47	12.21	182.9	14.32	20.09	75.85	78.82	-2.968	64.6	57.77	26.438	420.21
"2012-07-24	11:00:00"	13.69	184.2	11.85	20.68	10.99	181.9	15.34	17.7	78.69	82.3	-3.603	58.19	50.69	26.434	617.6
"2012-07-24	12:00:00"	11.18	179.4	14.97	17.7	9.14	177.9	19.58	15.31	82.3	86.5	-4.255	50.53	42.76	26.43	783.26
"2012-07-24	13:00:00"	10	177.3	18.18	16.51	8.42	175.3	21.34	14.72	85.8	90.5	-4.732	42.66	35.85	26.418	897.71
"2012-07-24	14:00:00"	10.15	174.1	22.36	20.09	8.57	171.8	24.93	18.89	88.7	93.7	-5.018	34.4	28.67	26.398	963.47
"2012-07-24	15:00:00"	9.53	187.8	29.86	19.49	8.02	186.7	33.1	16.51	90.8	96	-5.162	29.76	24.41	26.367	959.45
"2012-07-24	16:00:00"	10.87	149.3	30.29	24.86	9.17	147	31.83	18.89	91.7	95.9	-4.229	28.73	24.01	26.341	617.75
"2012-07-24	17:00:00"	11.03	159.7	22.31	20.68	9.33	157.5	22.54	17.7	92.3	96.1	-3.813	27.82	23.46	26.321	419.46
"2012-07-24	18:00:00"	10.9	227	41.03	18.89	8.99	229.6	43.71	17.1	90.5	93.4	-2.865	30.63	26.7	26.315	132.28
"2012-07-24	19:00:00"	11.7	230	24.03	18.3	9.55	230.7	27.91	16.51	89.3	92.4	-3.126	32.32	28.22	26.317	333.15
"2012-07-24	20:00:00"	10.62	188.2	16.64	18.89	8.54	186	19.28	15.31	89.8	92.9	-3.076	31.48	27.37	26.314	224.71
"2012-07-24	21:00:00"	7.417	186.1	16.49	20.09	6.018	183.2	17.33	17.7	89.3	91.7	-2.382	31.46	27.82	26.308	43.604

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-24	22:00:00"	12.82	174.2	6.717	18.3	10.13	171.2	9.63	15.31	86.3	88.3	-1.985	36.68	33.11	26.318	0.11845	0
"2012-07-24	23:00:00"	15.27	172.7	7.184	23.07	12.06	170.5	9.69	18.89	84.1	86.1	-2.008	40.33	36.45	26.334	0	0
"2012-07-25	00:00:00"	13.94	177.9	6.257	21.28	10.99	174.6	8.94	17.7	83.1	85	-1.966	40.94	37.03	26.352	0	0
"2012-07-25	01:00:00"	12.44	178	7.518	18.89	9.9	175.6	10.21	15.31	81.8	83.9	-2.072	42.61	38.27	26.353	0	0
"2012-07-25	02:00:00"	13.39	181.2	9.46	18.3	10.61	178.7	12.02	15.31	81.6	83.7	-2.047	42.13	37.9	26.349	0	0
"2012-07-25	03:00:00"	10.87	188	9.41	16.51	8.56	186.6	13.46	13.52	81	83	-2.084	44.79	39.99	26.352	0	0
"2012-07-25	04:00:00"	10.91	174.5	8.72	16.51	8.4	171.9	11.16	14.72	79.05	81.1	-2.011	47.43	42.51	26.34	0	0
"2012-07-25	05:00:00"	11.94	166.4	9.16	17.1	9.44	164.3	10.98	15.31	76.72	78.67	-1.946	51.55	46.6	26.326	0	0
"2012-07-25	06:00:00"	11.85	175.6	10.84	17.7	9.4	173.2	12.89	14.72	75.67	77.61	-1.941	52.9	47.98	26.319	0	0
"2012-07-25	07:00:00"	9.83	180	8.85	15.31	7.73	177.6	11.43	12.33	74.1	76.13	-2.027	55.32	50.08	26.327	0.37362	0
"2012-07-25	08:00:00"	6.917	183.5	9.14	10.54	5.461	181.8	11.9	8.75	72.62	74.89	-2.271	57.95	52.33	26.34	46.164	0
"2012-07-25	09:00:00"	11.59	185.9	9.62	18.89	9.38	183.7	13.07	15.91	75.36	77.93	-2.576	54.12	48.44	26.351	219	0
"2012-07-25	10:00:00"	13.85	199.6	12.86	20.68	11.03	198.4	15.53	17.1	79.25	82.4	-3.116	47.59	41.5	26.353	417.68	0
"2012-07-25	11:00:00"	10.38	213.7	16.87	18.3	8.79	212.2	20.31	16.51	81.8	85.4	-3.664	43.93	37.84	26.346	625.57	0
"2012-07-25	12:00:00"	8.6	207.3	23.08	15.31	7.331	205	26.29	13.52	85.5	90.1	-4.616	38.05	32.35	26.336	833.18	0
"2012-07-25	13:00:00"	8.39	215.4	38.32	16.51	7.155	214.4	42	15.31	88.7	93.7	-4.986	34.13	28.5	26.32	817.28	0
"2012-07-25	14:00:00"	9.59	199.6	23.35	17.7	8.14	196.4	28.65	15.31	91	95.7	-4.732	30.58	25.46	26.302	899.27	0
"2012-07-25	15:00:00"	10.5	188.4	20.91	21.87	8.87	185.7	24.44	18.3	93.3	98.4	-5.045	26.71	21.76	26.281	998.77	0
"2012-07-25	16:00:00"	12.48	207	27.38	25.45	10.23	205.5	31.14	20.68	94.6	99	-4.38	24.52	20.11	26.257	679.81	0
"2012-07-25	17:00:00"	12.7	198.4	23.64	26.05	10.35	196.9	26.5	24.26	95.8	100	-4.194	22.98	18.89	26.229	739.61	0
"2012-07-25	18:00:00"	14.74	198.1	16.29	28.43	11.99	195.8	18.02	24.86	96	99.7	-3.654	23.29	19.38	26.207	558.48	0
"2012-07-25	19:00:00"	13	205.9	21.18	28.43	10.53	205.2	23.58	23.07	95.9	99.2	-3.342	22.66	18.97	26.195	401.53	0
"2012-07-25	20:00:00"	12.32	194.7	14.85	21.87	9.83	192.6	17.33	17.1	95.2	97.9	-2.673	23.07	19.72	26.196	160.01	0
"2012-07-25	21:00:00"	12.29	185.1	14.47	28.43	9.71	184.6	17.28	22.47	93	95.2	-2.194	25.83	22.42	26.209	20.424	0
"2012-07-25	22:00:00"	21.95	177.2	9.25	32.61	17.44	174.9	12.29	28.43	85.1	87.1	-1.973	39.16	35.38	26.227	0.04922	0
"2012-07-25	23:00:00"	18.93	200.1	32.38	33.8	15.13	198.7	35.8	27.84	82.5	84.6	-2.134	43.93	39.16	26.257	0	0
"2012-07-26	00:00:00"	15.53	221.9	22.1	27.84	12.75	222.1	25.07	21.87	78.44	80.7	-2.221	52.65	47.3	26.26	0	0
"2012-07-26	01:00:00"	11.81	209.7	15.82	20.09	9.71	207.4	17.51	17.1	78.48	80.7	-2.236	48.78	43.6	26.25	0	0
"2012-07-26	02:00:00"	11.06	249.3	18.53	19.49	8.92	252.5	22.5	18.3	78.48	80.7	-2.198	49.29	44.2	26.242	0	0
"2012-07-26	03:00:00"	8.64	186	75.18	15.91	6.926	186.1	77.97	15.31	78.79	81	-2.209	48.61	43.59	26.261	0	0
"2012-07-26	04:00:00"	8.26	180.1	27.54	27.24	6.625	178.3	29.63	20.68	79.57	81.8	-2.274	48.05	42.91	26.278	0	0
"2012-07-26	05:00:00"	10.76	183.4	11.52	18.3	8.49	181.5	14.89	14.72	78.29	80.6	-2.279	51.97	46.5	26.274	0	0
"2012-07-26	06:00:00"	9.39	190.6	13.06	16.51	7.409	189.1	15.74	12.93	76.37	78.77	-2.394	57.3	51.42	26.266	0	0
"2012-07-26	07:00:00"	7.235	127.8	45.16	14.12	5.821	126.5	44.02	11.14	75.01	77.43	-2.419	61.52	55.46	26.289	0	0
"2012-07-26	08:00:00"	5.537	132.1	46.01	9.95	4.297	129.8	49.89	7.561	72.89	74.69	-1.8	70.62	67.53	26.312	2.1133	0.02
"2012-07-26	09:00:00"	9.74	141.5	13.08	16.51	7.881	141.3	13.28	14.12	69.74	71.99	-2.251	80.5	75.16	26.332	54.038	0
"2012-07-26	10:00:00"	8.36	157.8	14.09	14.72	6.979	156.2	15.69	12.33	71.68	74.06	-2.375	76	70.82	26.338	145.72	0
"2012-07-26	11:00:00"	8.87	157.4	13.28	13.52	7.295	155	13.97	11.74	73.66	76.25	-2.591	72.34	66.67	26.343	165.11	0
"2012-07-26	12:00:00"	5.63	182.4	26.21	8.75	4.834	179.4	27.76	8.16	75.85	79.46	-3.607	65.56	58.39	26.344	520.36	0
"2012-07-26	13:00:00"	5.941	213.4	34.42	14.72	5.202	210.8	39.52	11.74	80.1	85	-4.972	56.96	47.77	26.34	758.11	0
"2012-07-26	14:00:00"	8.37	183	18.98	14.72	6.999	182.6	21.7	12.93	81.7	86.2	-4.519	53.8	45.43	26.344	644.87	0
"2012-07-26	15:00:00"	9.63	176.7	14.84	14.12	8.08	174.3	17.79	12.93	83.6	87.9	-4.293	47.86	40.14	26.339	569.84	0
"2012-07-26	16:00:00"	9.39	167.1	15.17	14.72	7.912	164.9	17.28	13.52	85.3	89	-3.728	42.39	36.55	26.321	368.43	0
"2012-07-26	17:00:00"	7.909	155.9	27.53	14.12	6.772	153.4	28.93	11.74	87.9	92.5	-4.591	35.83	30.4	26.296	809.36	0
"2012-07-26	18:00:00"	7.864	160.2	26.74	15.91	6.737	159.1	28.59	13.52	89.1	93.6	-4.484	33.31	28.03	26.279	614.58	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-26	19:00:00"	11.22	130.2	26.92	19.49	9.24	129.9	27.8	17.1	90.2	94.1	-3.954	34.45	29.44	26.271	454.55	0	
"2012-07-26	20:00:00"	21.91	117.7	12.11	37.38	17.35	117.3	14.17	33.21	85.2	88.2	-2.943	45.04	39.02	26.297	140.62	0	
"2012-07-26	21:00:00"	17.15	124	9.33	30.22	13.45	124.5	10.58	24.86	80.3	82.8	-2.557	54.01	47.95	26.324	25.647	0	
"2012-07-26	22:00:00"	9.95	111.7	14.12	15.31	7.946	111	15.48	12.93	78.89	81.2	-2.356	56.06	50.25	26.333	0.08237	0	
"2012-07-26	23:00:00"	8.56	81.9	11.05	13.52	6.594	80.4	11.73	10.54	76.13	78.43	-2.309	62.25	56.2	26.353	0	0	
"2012-07-27	00:00:00"	12.11	112.8	11.29	18.3	9.63	112.4	13.33	15.31	75.09	77.49	-2.396	66.74	60.4	26.393	0	0	
"2012-07-27	01:00:00"	9.95	128.3	12.94	18.3	7.993	128	13.53	15.91	73.12	75.64	-2.524	71.13	64.27	26.397	0	0	
"2012-07-27	02:00:00"	6.415	95.7	19.63	9.95	4.992	94.6	20.49	8.16	71.07	73.48	-2.407	75.19	68.24	26.391	0	0	
"2012-07-27	03:00:00"	5.737	70.2	11.4	8.16	4.138	65.54	14.8	6.964	69.11	71.42	-2.309	79.68	72.7	26.393	0	0	
"2012-07-27	04:00:00"	6.515	107.2	14	9.35	4.75	104.2	14.76	7.561	69.07	71.29	-2.228	80.6	74	26.397	0	0	
"2012-07-27	05:00:00"	7.631	140.5	14.86	12.93	6	137.9	15.35	11.14	70.54	72.82	-2.277	76.85	70.52	26.399	0	0	
"2012-07-27	06:00:00"	8.15	176.1	15.16	12.93	6.408	175.2	16.5	11.14	70.56	72.96	-2.397	77.69	70.97	26.405	0	0	
"2012-07-27	07:00:00"	10.49	204.2	23.27	18.3	8.34	203.9	26.38	14.72	69.85	72.26	-2.406	78.35	71.54	26.418	0.04781	0	
"2012-07-27	08:00:00"	7.346	274.6	39.17	14.12	5.149	279.1	39.94	10.54	69.73	71.94	-2.21	77.96	72.41	26.427	5.1492	0	
"2012-07-27	09:00:00"	7.796	58.91	63.54	22.47	6.303	55.36	60.88	18.89	67.45	69.19	-1.744	86.1	82.3	26.473	29.976	0.25	
"2012-07-27	10:00:00"	1.061	274.6	54.83	3.386	1.254	285.7	62.58	3.982	69.03	71.86	-2.831	81.5	77.55	26.475	333.57	0	
"2012-07-27	11:00:00"	1.767	194.2	75.67	8.75	2.16	202.1	81.8	8.16	72.78	77.47	-4.69	72.15	62.85	26.479	467.15	0	
"2012-07-27	12:00:00"	7.92	141.7	22.44	14.72	6.769	141.5	23.54	12.93	75.49	79.1	-3.611	69.89	63.16	26.492	482.42	0	
"2012-07-27	13:00:00"	8.19	120.8	19.07	15.91	6.874	120.9	21.85	12.93	76.98	80.9	-3.899	67.64	60.46	26.493	604.61	0	
"2012-07-27	14:00:00"	8.13	123.3	18.67	14.12	6.868	124.6	20.72	12.93	78.64	82.8	-4.205	62.61	55.07	26.48	755.41	0	
"2012-07-27	15:00:00"	7.791	101.3	23.62	20.09	6.63	100.5	26.22	13.52	81.3	85.9	-4.636	56.76	48.54	26.454	807.17	0	
"2012-07-27	16:00:00"	9.61	106.9	40.25	37.98	7.984	106.4	41.65	35	82.8	87.1	-4.271	51.9	44.05	26.447	585.98	0	
"2012-07-27	17:00:00"	12.63	217.6	20.29	35	10.41	219.2	23.09	26.65	70.69	72.96	-2.273	81.7	76.22	26.471	142.53	0.05	
"2012-07-27	18:00:00"	6.695	194.5	20.13	13.52	5.808	193.2	23.4	11.74	75.1	78.35	-3.247	69.26	63.68	26.449	498.03	0	
"2012-07-27	19:00:00"	9.85	175	14.78	14.72	8.1	172.9	17.92	12.93	79.08	82.3	-3.178	57.15	51.87	26.431	440.58	0	
"2012-07-27	20:00:00"	10.25	162.3	13.96	15.91	8.47	159.8	14.74	13.52	79.89	82.6	-2.675	58.02	52.89	26.432	216.9	0	
"2012-07-27	21:00:00"	8.61	176.8	8.45	14.72	6.878	174.2	10.83	12.33	78.15	80.3	-2.192	64.92	59.93	26.446	44.124	0	
"2012-07-27	22:00:00"	4.517	196.3	17.08	7.561	3.329	195	19.28	6.368	76.16	78.18	-2.02	71.51	66.71	26.452	0.09021	0	
"2012-07-27	23:00:00"	4.837	172.1	11.71	9.35	3.425	168.7	13.64	7.561	75.69	77.47	-1.781	71.59	68.03	26.474	0	0	
"2012-07-28	00:00:00"	5.823	160.2	11.52	9.35	4.422	159.7	13.76	6.964	74.91	76.75	-1.837	72.84	68.55	26.49	0	0	
"2012-07-28	01:00:00"	5.628	161.8	10.25	9.35	4.278	158.9	11.76	7.561	73.59	75.5	-1.911	76	71.36	26.502	0	0	
"2012-07-28	02:00:00"	8.03	156.8	10.1	12.33	6.502	153	10.07	10.54	72.08	74.1	-2.026	81.5	75.88	26.511	0	0	
"2012-07-28	03:00:00"	7.176	149.3	8.51	10.54	5.663	147.9	8.68	8.75	72.02	74.09	-2.07	83.1	77.48	26.511	0	0	
"2012-07-28	04:00:00"	6.166	123.1	21.05	10.54	4.248	118.4	23.22	8.75	71.13	72.96	-1.83	83.3	78.01	26.507	0	0	
"2012-07-28	05:00:00"	4.91	86.3	7.333	6.368	2.902	69.52	12.75	4.578	69.6	71.28	-1.685	87	82	26.506	0	0	
"2012-07-28	06:00:00"	6.063	77.39	5.294	6.964	3.752	64.71	10.04	5.175	69.39	70.85	-1.454	85.4	81.4	26.508	0	0	
"2012-07-28	07:00:00"	6.714	72.39	5.153	8.75	4.506	67.49	7.877	6.368	68.95	70.64	-1.688	85.3	80.6	26.515	0.25507	0	
"2012-07-28	08:00:00"	6.683	84.8	10.65	11.14	4.801	78.45	11.9	8.75	68.71	70.65	-1.934	86.3	80.9	26.526	37.05	0	
"2012-07-28	09:00:00"	10.66	147.1	14.34	18.3	8.66	145.8	14.59	15.31	71.24	73.67	-2.429	80.2	74.19	26.536	193.55	0	
"2012-07-28	10:00:00"	12.38	168	11.35	17.7	9.98	165.1	12.98	14.72	73.31	76.21	-2.899	74.73	68.2	26.548	400.49	0	
"2012-07-28	11:00:00"	12.61	176.4	9.97	18.3	10.22	173.6	12.57	15.31	75.57	78.88	-3.309	68.44	61.54	26.547	601.88	0	
"2012-07-28	12:00:00"	11.13	173.9	13.96	17.7	9.24	171.4	16.23	16.51	78.33	82.1	-3.806	62.25	54.68	26.551	769.24	0	
"2012-07-28	13:00:00"	10.71	175.4	16.28	17.7	9.03	173	18.05	16.51	80.8	85	-4.233	55.83	47.9	26.545	849.83	0	
"2012-07-28	14:00:00"	11.8	180.4	18.56	20.09	9.89	177.8	20.46	17.7	83.1	87.3	-4.21	49.64	42.34	26.53	865.74	0	
"2012-07-28	15:00:00"	13.94	168.1	16.97	25.45	11.56	166.7	19.2	21.28	85	89.4	-4.33	42.26	36.09	26.514	944.25	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-28	16:00:00"	12.84	159.3	19.83	24.26	10.85	158.1	21.31	20.09	86.9	91.3	-4.379	38.32	32.89	26.5	863.89	0
"2012-07-28	17:00:00"	11.81	159.7	22.59	22.47	9.94	158.3	23.02	19.49	88.3	92.5	-4.188	35.3	30.24	26.485	761.28	0
"2012-07-28	18:00:00"	12.6	161	18.45	23.66	10.47	159.1	19.92	20.68	89.2	93	-3.811	31.47	27.09	26.468	599.72	0
"2012-07-28	19:00:00"	13.33	154.9	14.27	23.07	11.17	153.2	15.02	19.49	89.9	93.1	-3.285	27.99	24.19	26.453	422.87	0
"2012-07-28	20:00:00"	13.62	152.6	12.23	20.09	11.23	150.4	12.23	17.7	89.7	92.4	-2.686	24.26	21.01	26.446	218.67	0
"2012-07-28	21:00:00"	11.5	150.6	9.12	19.49	9.51	148.7	9.19	17.1	87.4	89.6	-2.208	28.5	25.26	26.451	44.069	0
"2012-07-28	22:00:00"	9.45	141.8	8.67	13.52	7.482	140.1	8.69	10.54	83.5	85.2	-1.768	33.66	30.71	26.465	0.09499	0
"2012-07-28	23:00:00"	9.2	138.7	7.306	12.93	6.92	136.6	8.71	9.95	81.1	82.7	-1.589	37.32	34.45	26.487	0	0
"2012-07-29	00:00:00"	8.74	147.5	8.67	12.93	6.756	144.5	8.92	11.14	79.39	81	-1.624	41.37	38.05	26.507	0	0
"2012-07-29	01:00:00"	8.37	162.5	8.8	12.93	6.514	159.8	9.64	9.95	77.96	79.59	-1.634	45.24	41.34	26.512	0	0
"2012-07-29	02:00:00"	10.06	169.2	7.649	14.72	7.745	166.5	9.19	12.33	76.49	78.19	-1.704	49.79	45.54	26.516	0	0
"2012-07-29	03:00:00"	10.14	170.3	7.246	14.72	7.634	166.1	9.15	11.74	75.09	76.7	-1.606	54.09	50	26.509	0	0
"2012-07-29	04:00:00"	10.24	175.3	9.04	14.72	7.838	171.9	10.78	12.33	74.24	75.91	-1.67	56.47	52.05	26.499	0	0
"2012-07-29	05:00:00"	10.56	174.7	9.38	14.72	7.826	172	10.83	12.33	73.01	74.65	-1.644	60.3	55.85	26.499	0	0
"2012-07-29	06:00:00"	10.22	171.1	7.134	14.12	7.661	168.3	9.34	11.14	72.73	74.34	-1.61	61.84	57.43	26.496	0	0
"2012-07-29	07:00:00"	7.31	175.5	13.57	11.74	5.198	174.6	19.55	9.35	71.98	73.52	-1.54	63.39	59.17	26.505	0.26587	0
"2012-07-29	08:00:00"	4.836	187	11.45	7.561	2.873	190.3	18.24	5.175	71.77	73.61	-1.834	63.79	59.3	26.512	46.81	0
"2012-07-29	09:00:00"	7.153	181.2	9.94	13.52	5.545	177.7	11.83	11.14	74.22	76.83	-2.617	60.25	54.52	26.52	220.83	0
"2012-07-29	10:00:00"	12.52	179.2	9.76	18.3	9.93	176.5	12.82	15.91	77.66	80.6	-2.937	55.21	49.08	26.535	424.58	0
"2012-07-29	11:00:00"	12.71	178	12.87	20.09	10.26	175.2	15.61	16.51	80.4	83.9	-3.459	51.04	44.43	26.536	623.86	0
"2012-07-29	12:00:00"	11.7	186.8	16.18	24.26	9.61	185.6	19.49	21.28	82.8	86.8	-4.03	47.11	40.05	26.53	791.77	0
"2012-07-29	13:00:00"	10.39	185.3	18.52	20.68	8.63	183.8	22.72	16.51	84.6	89.1	-4.487	43.47	36.72	26.518	908.52	0
"2012-07-29	14:00:00"	11.21	165.3	22.36	20.68	9.36	162.7	24.34	15.91	87.1	91.7	-4.612	37.93	32.25	26.497	967.34	0
"2012-07-29	15:00:00"	13	164.6	22.19	29.63	10.76	163.4	24.93	23.66	89.2	93.8	-4.584	33.84	28.56	26.475	947.25	0
"2012-07-29	16:00:00"	12.6	182	15.82	22.47	10.26	180.2	18.82	19.49	90.7	95.2	-4.538	30.67	25.78	26.455	914.73	0
"2012-07-29	17:00:00"	12.43	182	22.81	22.47	10.16	180.5	25.88	20.68	92	96.4	-4.368	28.19	23.62	26.435	801.53	0
"2012-07-29	18:00:00"	11.79	169.2	17.51	19.49	9.61	166.6	18.82	17.7	92.2	95.9	-3.698	26.64	22.59	26.416	434.01	0
"2012-07-29	19:00:00"	9.79	188.9	15.42	15.91	7.961	187.2	18.19	13.52	92.2	95.4	-3.227	25.73	22.06	26.402	339.77	0
"2012-07-29	20:00:00"	8.64	173.4	19.27	17.1	7.125	171.3	20.65	15.31	91.7	94.5	-2.728	25.32	21.96	26.392	136.75	0
"2012-07-29	21:00:00"	9.43	161.6	10.16	14.72	7.852	158.2	11.3	12.33	90.2	92.4	-2.217	27.54	24.31	26.396	46.092	0
"2012-07-29	22:00:00"	8.8	158.5	9.41	14.12	7.386	155	9.29	12.33	86.4	88.2	-1.846	31.98	28.86	26.407	0.12784	0
"2012-07-29	23:00:00"	8.88	155.2	9.17	13.52	7.262	152.8	9.41	11.14	83.4	85.2	-1.756	34.81	31.7	26.425	0	0
"2012-07-30	00:00:00"	9.74	157.8	9.11	14.12	7.895	155	10.16	12.33	81.6	83.3	-1.662	35.19	32.17	26.435	0	0
"2012-07-30	01:00:00"	10.92	166.4	9.04	16.51	8.65	162.7	10.29	12.93	79.89	81.6	-1.691	38.31	35.11	26.438	0	0
"2012-07-30	02:00:00"	7.9	181.5	13.64	15.31	6.36	180.4	18.49	12.93	77.71	79.43	-1.72	41.29	37.7	26.436	0	0
"2012-07-30	03:00:00"	4.202	193.7	12.97	6.368	3.03	192.3	17.82	5.175	76.13	77.6	-1.471	43.32	39.95	26.436	0	0
"2012-07-30	04:00:00"	4.695	191.1	16.85	8.16	3.484	190.3	19.41	5.771	75.16	76.59	-1.43	43.39	40.11	26.438	0	0
"2012-07-30	05:00:00"	4.575	189.8	11.03	7.561	3.023	187.6	14.4	5.175	74.62	75.83	-1.206	43.04	40.33	26.442	0	0
"2012-07-30	06:00:00"	3.648	183.6	12.83	6.368	2.362	185.8	17.89	5.175	74.54	75.67	-1.129	41.67	39.1	26.447	0	0
"2012-07-30	07:00:00"	5.255	175.4	9.55	8.75	3.666	177.9	13.42	6.964	74.03	75.19	-1.16	40.76	38.29	26.451	0.23626	0
"2012-07-30	08:00:00"	6.199	183	14.21	11.14	4.613	184	18.06	8.16	73.29	74.99	-1.704	42.99	39.22	26.459	43.754	0
"2012-07-30	09:00:00"	6.963	184.3	10.33	13.52	5.544	181.4	12.44	11.14	75.24	77.76	-2.512	44.87	39.91	26.466	218.84	0
"2012-07-30	10:00:00"	11.96	181.7	9.04	17.1	9.49	180.3	12.97	14.72	80.1	83	-2.865	42.1	37.33	26.468	430.51	0
"2012-07-30	11:00:00"	11.31	185.3	13.74	17.7	9.2	182.8	17.31	14.12	83.8	87.3	-3.513	36.24	31.71	26.468	633.93	0
"2012-07-30	12:00:00"	9.02	187.9	19.01	15.91	7.767	184.7	22.3	14.12	87	91.2	-4.17	29.6	25.12	26.467	805.18	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-07-30	13:00:00"	10.74	149.6	26.33	20.09	9.23	148.5	28.97	15.91	89.2	93.7	-4.543	24.5	20.17	26.46	925.84	0
"2012-07-30	14:00:00"	11.33	174.1	27.17	22.47	9.49	172.2	30.89	18.89	90.1	94.9	-4.751	23.48	19.12	26.445	980.13	0
"2012-07-30	15:00:00"	11.31	171.2	21.59	20.68	9.53	168.8	23.24	17.7	91.1	95.9	-4.841	23.74	19.29	26.425	963.95	0
"2012-07-30	16:00:00"	12.12	162.4	20.16	21.28	10.2	160.7	21.94	19.49	92	96.7	-4.652	23.72	19.37	26.403	914.34	0
"2012-07-30	17:00:00"	10.83	178.5	24.24	22.47	9.22	176.2	27.64	18.3	92.9	97.3	-4.395	23.51	19.29	26.383	803.07	0
"2012-07-30	18:00:00"	10.42	179.5	18.62	20.68	8.86	177.7	22.31	18.89	93.1	97.1	-4.051	22.81	18.83	26.372	635.96	0
"2012-07-30	19:00:00"	9.92	169.4	18.36	20.09	8.37	167.7	19.61	18.3	93	96.7	-3.642	23.51	19.68	26.36	433.04	0
"2012-07-30	20:00:00"	10.22	160.1	15.69	15.91	8.5	158.1	16.05	13.52	92.9	95.8	-2.91	23.15	19.75	26.359	216.84	0
"2012-07-30	21:00:00"	8.92	157.1	10.62	15.31	7.36	154.8	10.91	12.33	90.9	93.2	-2.26	25.18	21.97	26.365	43.595	0
"2012-07-30	22:00:00"	8.15	153.2	8.43	12.33	6.357	149.4	8.3	9.95	87.4	89.1	-1.701	28.25	25.39	26.378	0.08187	0
"2012-07-30	23:00:00"	9.51	153.2	8.36	15.31	7.508	149.8	8.57	12.93	84.9	86.6	-1.686	30.95	27.96	26.395	0	0
"2012-07-31	00:00:00"	9.49	163.1	9.18	14.12	7.493	160.4	10.28	11.74	82.4	84.2	-1.766	35.01	31.73	26.414	0	0
"2012-07-31	01:00:00"	9.72	164.4	8.65	14.72	7.601	162	9.76	11.74	80.3	82	-1.697	38.52	35.27	26.423	0	0
"2012-07-31	02:00:00"	9.71	168	8.32	14.12	7.413	164.3	9.81	11.74	79.86	81.4	-1.532	39.33	36.31	26.42	0	0
"2012-07-31	03:00:00"	4.85	201.5	17.18	11.74	3.56	199.2	18.79	9.95	77.77	79.41	-1.636	42.31	38.56	26.421	0	0
"2012-07-31	04:00:00"	4.628	193.3	10.56	7.561	2.904	195	13.29	5.771	77.4	78.75	-1.351	42.43	39.13	26.419	0	0
"2012-07-31	05:00:00"	4.162	200.7	15.8	7.561	2.884	201.9	18.68	5.771	76.14	77.65	-1.513	44.38	40.5	26.421	0	0
"2012-07-31	06:00:00"	7.637	177.9	11.76	11.74	5.666	176.2	14.74	9.35	75.16	76.69	-1.53	47.04	43.01	26.421	0	0
"2012-07-31	07:00:00"	7.003	190.1	18.55	13.52	5.329	189	22.61	9.95	74.61	76.29	-1.678	49.36	44.96	26.423	0.14619	0
"2012-07-31	08:00:00"	4.379	193.7	12.73	6.368	2.797	196.4	16.64	4.578	74	75.92	-1.926	50.97	46.4	26.431	43.118	0
"2012-07-31	09:00:00"	7.121	171.7	9.32	11.74	5.592	169.3	10.78	9.95	77.24	79.79	-2.557	47.63	42.56	26.438	216.54	0
"2012-07-31	10:00:00"	9.76	178.9	10.1	13.52	7.819	177.1	13.34	11.74	81.4	84.5	-3.151	43.25	37.92	26.448	424.03	0
"2012-07-31	11:00:00"	7.707	168.2	16.21	11.74	6.661	165.1	16.9	10.54	85.4	89.3	-3.89	37.74	32.73	26.45	626.04	0
"2012-07-31	12:00:00"	8.93	156.8	21.49	16.51	7.675	156	22.51	15.31	88.5	92.8	-4.298	31.98	27.13	26.451	796.29	0
"2012-07-31	13:00:00"	11.54	158.4	23.93	19.49	9.62	156.5	24.14	17.7	90.5	95.1	-4.56	28.09	23.41	26.441	904.47	0
"2012-07-31	14:00:00"	10.5	166.2	25.29	19.49	8.91	164.3	26.75	17.1	92	96.7	-4.779	25.06	20.49	26.429	973.59	0
"2012-07-31	15:00:00"	11.34	147.3	26.69	24.26	9.56	146.4	28.28	19.49	93.3	98.1	-4.802	23.75	19.29	26.414	955.23	0
"2012-07-31	16:00:00"	9.76	164.5	30.66	20.68	8.31	163.2	32.9	17.7	93.9	98.7	-4.814	23.75	19.26	26.395	907.38	0
"2012-07-31	17:00:00"	10.53	153.1	31.12	21.87	8.91	150.5	32.91	20.09	94.8	99.3	-4.496	22.4	18.19	26.375	799.96	0
"2012-07-31	18:00:00"	9.8	161.9	23.96	24.86	8.26	160.2	25.97	23.66	95.4	99.7	-4.253	21.87	17.86	26.36	629.65	0
"2012-07-31	19:00:00"	10.92	166.8	29.66	18.89	8.89	166.2	31.44	16.51	95.7	99.4	-3.699	21.43	17.73	26.349	429.1	0
"2012-07-31	20:00:00"	10.47	149.2	14.21	17.1	8.75	147.2	14.95	15.31	95.5	98.4	-2.923	21.05	17.74	26.343	217.11	0
"2012-07-31	21:00:00"	9.52	151.5	11.51	15.31	7.745	149.1	11.66	14.12	93.7	95.9	-2.228	22.46	19.35	26.349	42.887	0
"2012-07-31	22:00:00"	8.19	139.3	10.06	11.14	5.975	136	12.18	9.35	89.4	91	-1.605	26.76	23.87	26.366	0.0631	0
"2012-07-31	23:00:00"	8.52	130	8.32	12.33	5.447	124.6	10.72	9.95	85.9	86.7	-0.804	29.4	27.24	26.388	0	0
"2012-08-01	00:00:00"	10.52	137.9	10.09	15.31	7.854	135.8	10.42	12.93	84.5	86.1	-1.596	30.57	27.6	26.4	0	0
"2012-08-01	01:00:00"	8.5	149.2	9.47	12.93	7.429	147	9.82	11.14	82.6	84.3	-1.691	33.91	30.75	26.409	0	0
"2012-08-01	02:00:00"	9.96	167.8	8.47	14.12	7.738	164.7	10.06	12.93	81.1	82.8	-1.708	36.64	33.37	26.41	0	0
"2012-08-01	03:00:00"	10.12	174.7	6.72	14.72	7.588	170.9	9.04	11.14	79.13	80.8	-1.708	39.56	36.17	26.409	0	0
"2012-08-01	04:00:00"	9.26	174.3	7.932	12.93	6.993	171.8	9.78	11.74	77.95	79.66	-1.717	41.47	37.76	26.407	0	0
"2012-08-01	05:00:00"	8.05	176.9	9.61	12.33	6.011	174.3	11.05	9.95	77.12	78.78	-1.658	42.59	38.73	26.403	0	0
"2012-08-01	06:00:00"	5.134	201	14.3	9.95	3.655	205.1	15.63	6.964	75.88	77.62	-1.738	44.56	40.24	26.404	0	0
"2012-08-01	07:00:00"	4.911	198.4	13.71	7.561	3.422	197.8	14.48	5.175	75.57	77.25	-1.683	45.77	41.47	26.411	0.17542	0
"2012-08-01	08:00:00"	6.502	185.7	10.04	11.14	4.556	185.9	13.7	8.16	75.02	77	-1.978	48.43	43.72	26.415	44.284	0
"2012-08-01	09:00:00"	8.61	182.2	9.71	15.91	6.894	179.5	11.84	12.93	77.73	80.3	-2.579	46.29	41.14	26.421	217.56	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-01	10:00:00"	13.62	173.4	8.43	19.49	10.93	171.1	10.81	17.1	82.6	85.4	-2.781	40.06	35.75	26.423	389.72	0	
"2012-08-01	11:00:00"	11.56	170.5	11.99	18.89	9.54	167.6	13.53	16.51	87	90.5	-3.499	34.82	30.41	26.419	613.01	0	
"2012-08-01	12:00:00"	11.1	178.2	15.57	18.89	9.15	176.1	18.87	16.51	90.8	94.8	-4.064	29.1	24.68	26.414	782.2	0	
"2012-08-01	13:00:00"	9.32	155.1	28.76	17.7	7.85	152.4	28.42	15.91	92.7	97.2	-4.541	26.39	21.84	26.404	862.54	0	
"2012-08-01	14:00:00"	5.86	123.2	59.17	15.31	5.329	125.4	60.43	14.72	94.7	100.5	-5.731	24.57	19.58	26.389	959.04	0	
"2012-08-01	15:00:00"	6.883	105.5	82.5	16.51	6.192	117.3	83.9	15.91	96.4	102.1	-5.703	22.56	17.77	26.368	952.28	0	
"2012-08-01	16:00:00"	6.593	133.4	70.85	17.1	5.971	134.2	71.82	15.31	97.1	102.6	-5.571	21.49	16.9	26.35	904.59	0	
"2012-08-01	17:00:00"	5.899	172.4	71.36	17.1	5.469	174.8	73.16	15.31	98.1	103.3	-5.22	20.53	16.18	26.332	797.27	0	
"2012-08-01	18:00:00"	8.6	184	40.57	15.91	7.385	181.5	43.07	14.72	98.8	103.3	-4.449	19.87	15.95	26.315	629.11	0	
"2012-08-01	19:00:00"	7.543	148.6	41.29	16.51	6.483	147	47.7	15.31	98.9	102.7	-3.846	19.48	15.84	26.301	422.14	0	
"2012-08-01	20:00:00"	6.354	146.8	50.14	15.91	5.56	144.9	48.95	12.93	98.4	101.5	-3.17	18.93	15.65	26.291	209.28	0	
"2012-08-01	21:00:00"	10.5	141.4	9.12	15.31	8.35	139.8	9.58	14.12	96.3	98.5	-2.205	19.13	16.22	26.294	37.813	0	
"2012-08-01	22:00:00"	10.47	135.2	6.703	14.72	7.964	133.9	7.532	12.93	91.6	93.3	-1.713	21.15	18.4	26.307	0.04041	0	
"2012-08-01	23:00:00"	7.43	143.5	7.358	14.12	8.06	142	7.467	11.74	88.3	90	-1.733	23.59	20.74	26.325	0	0	
"2012-08-02	00:00:00"	9.97	159.4	11.15	15.31	7.921	157.1	11.63	14.72	85.4	87.2	-1.828	26.52	23.5	26.334	0	0	
"2012-08-02	01:00:00"	11.99	173.7	6.939	17.7	9.22	171.6	9.49	14.12	83.4	85.1	-1.699	28.64	25.74	26.337	0	0	
"2012-08-02	02:00:00"	12.34	177	7.273	17.1	9.5	174.5	9.62	13.52	82.5	84.3	-1.749	29.1	26.1	26.337	0	0	
"2012-08-02	03:00:00"	11.5	176	6.322	15.91	8.71	172.9	9.13	12.33	80.5	82.2	-1.728	30.66	27.62	26.337	0	0	
"2012-08-02	04:00:00"	11.56	177.3	7.405	16.51	8.77	174	9.46	13.52	79.56	81.2	-1.677	31.53	28.54	26.332	0	0	
"2012-08-02	05:00:00"	8.61	181.9	10.95	13.52	6.374	181.4	14.58	11.14	77.11	78.92	-1.813	33.97	30.67	26.324	0	0	
"2012-08-02	06:00:00"	7.697	179.6	9.64	11.74	5.619	178.6	12.48	8.75	75.69	77.36	-1.672	35.57	32.45	26.318	0	0	
"2012-08-02	07:00:00"	9.02	165.6	10.86	14.12	6.992	164.2	12.33	12.33	76.03	77.78	-1.75	36.98	33.68	26.313	0.50891	0	
"2012-08-02	08:00:00"	6.634	164.2	14.3	10.54	5.12	163.6	15.43	8.75	75.59	77.68	-2.084	38.85	35.22	26.321	51.792	0	
"2012-08-02	09:00:00"	10.56	177.9	11.66	17.7	8.54	173.5	10.64	14.12	78.1	80.6	-2.528	37.43	33.59	26.33	222.45	0	
"2012-08-02	10:00:00"	9.62	183.6	35.28	21.87	9.61	173.3	10.05	14.72	82.4	32.86	49.59	34.73	12.09	26.332	444.6	0	
"2012-08-02	11:00:00"	9.94	182.7	14.77	15.31	7.621	180.1	34.67	48.12	85.5	72.37	13.13	32.64	24.65	26.336	616.54	0.39	
"2012-08-02	12:00:00"	7.245	175.1	20.03	14.72	6.125	173.4	23.31	12.33	88.6	89.9	-1.367	30.35	27.85	26.334	792.52	0	
"2012-08-02	13:00:00"	5.92	197	45.06	14.12	5.131	197.6	47.33	12.33	91.8	93.1	-1.398	28.16	25.65	26.324	910.71	0	
"2012-08-02	14:00:00"	6.73	201.4	41.1	15.31	5.806	204.8	42.91	14.12	94.9	96.6	-1.686	25.82	23.13	26.306	965.93	0	
"2012-08-02	15:00:00"	7	192	32.08	15.91	5.852	191.6	37.03	15.31	97.6	99.2	-1.595	23.55	20.95	26.286	946.19	0	
"2012-08-02	16:00:00"	7.673	173.2	45.77	18.3	6.484	172.7	49.67	16.51	99.9	101.6	-1.675	20.53	17.98	26.265	902.23	0	
"2012-08-02	17:00:00"	6.636	204	63.56	14.72	5.673	203.1	64.68	15.91	100.8	102.2	-1.462	18.42	16.01	26.246	789.57	0	
"2012-08-02	18:00:00"	6.934	109.7	47.06	17.1	6.01	112.1	50.34	14.12	101.4	102.7	-1.372	18.12	15.74	26.23	650.72	0	
"2012-08-02	19:00:00"	9.88	121.2	36.99	18.89	8.21	121.9	38.64	16.51	101.6	102.7	-1.177	17.8	15.5	26.212	424.21	0	
"2012-08-02	20:00:00"	8.77	133.3	20.59	15.31	7.316	134.7	20.75	12.93	101.2	101.7	-0.563	17.67	15.65	26.203	178.89	0	
"2012-08-02	21:00:00"	9.92	142.9	10.9	14.72	7.932	143.1	10.81	12.33	99	98.9	0.098	18.68	16.95	26.211	30.912	0	
"2012-08-02	22:00:00"	11.82	149.1	9.27	17.1	9.51	148.1	9.1	14.72	94.6	94.3	0.25	20.5	18.87	26.226	0.03457	0	
"2012-08-02	23:00:00"	13.51	151.2	9.44	20.68	11.07	150.4	9.43	17.1	91.4	91.2	0.218	23.46	21.84	26.244	0	0	
"2012-08-03	00:00:00"	12.51	165.5	9.12	18.3	9.93	164.8	10.81	15.91	88.6	88.3	0.262	27.27	25.82	26.26	0	0	
"2012-08-03	01:00:00"	14.32	173.6	6.294	20.09	11.07	173.5	9.36	16.51	86.7	86.4	0.3	28.29	26.93	26.268	0	0	
"2012-08-03	02:00:00"	13.68	175.9	6.599	19.49	10.68	174.9	8.96	16.51	84.5	84.3	0.247	29.18	27.79	26.276	0	0	
"2012-08-03	03:00:00"	11.28	177.2	8.14	17.1	8.71	176.4	10.35	12.93	82.2	81.9	0.231	32.06	30.68	26.28	0	0	
"2012-08-03	04:00:00"	10.91	169.6	7.674	14.72	8.46	169.1	9.51	11.74	80.3	80.1	0.224	35.89	34.57	26.273	0	0	
"2012-08-03	05:00:00"	11.18	176	9.63	16.51	8.8	176.5	12.41	13.52	79.67	79.55	0.121	38.06	36.7	26.263	0	0	
"2012-08-03	06:00:00"	7.671	178.7	14.32	11.74	5.888	179.7	17.97	9.95	78.01	77.81	0.196	40.73	39.31	26.258	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-03	07:00:00"	6.411	194.2	15.49	9.95	4.802	195.9	17.87	7.561	76.41	76.17	0.242	43.3	41.86	26.258	0.15138	0	
"2012-08-03	08:00:00"	9.05	181	11.2	15.31	6.982	181.7	14.67	12.33	76.59	76.46	0.127	45.18	43.7	26.26	45.977	0	
"2012-08-03	09:00:00"	11.76	175.7	9.28	18.3	9.5	175.4	11.54	14.72	78.54	78.86	-0.32	43.56	41.52	26.274	215.58	0	
"2012-08-03	10:00:00"	11.85	166.2	11.25	18.3	9.8	165.5	12.79	16.51	81.2	81.9	-0.773	40.24	37.97	26.283	418.88	0	
"2012-08-03	11:00:00"	7.907	162.5	21.48	15.31	6.657	161	24.99	13.52	84.5	85.5	-1.024	36.71	34.34	26.29	619.24	0	
"2012-08-03	12:00:00"	7.514	142.2	30.92	13.52	6.401	143.4	32.2	11.74	88.1	89.5	-1.402	32.84	30.24	26.295	796.36	0	
"2012-08-03	13:00:00"	10.13	133.7	20.09	20.09	8.72	135.3	22.35	18.3	92	93.7	-1.725	29.23	26.42	26.287	914.35	0	
"2012-08-03	14:00:00"	12.62	147	16.13	20.68	10.65	147.6	17.48	17.7	95.3	97.3	-2.044	25.47	22.56	26.272	971.64	0	
"2012-08-03	15:00:00"	12.76	156.4	20.46	21.87	10.63	156.5	21.77	20.68	98	99.9	-1.958	21.69	18.99	26.253	954.43	0	
"2012-08-03	16:00:00"	12.7	148.5	21	21.87	10.57	149.2	21.88	19.49	99.7	101.7	-2.046	17.56	14.97	26.231	918.3	0	
"2012-08-03	17:00:00"	13.74	158.2	24.25	26.05	11.39	157.6	24.93	21.87	100.8	102.7	-1.852	14.67	12.26	26.212	801.56	0	
"2012-08-03	18:00:00"	13.75	161.4	25.2	24.86	11.29	161.2	25.75	21.28	101.4	102.9	-1.451	13.02	10.79	26.2	633.89	0	
"2012-08-03	19:00:00"	14.31	177.4	20.29	29.63	11.72	176.6	22.04	21.87	101.3	102.3	-0.966	14.1	11.98	26.191	430.12	0	
"2012-08-03	20:00:00"	16.41	155.8	17.97	26.05	13.3	154.9	18.22	23.66	99.5	100	-0.545	19.04	16.97	26.19	215.07	0	
"2012-08-03	21:00:00"	14.87	153.5	9.53	23.07	12.34	152.7	9.97	20.09	96.9	96.9	0.001	21.46	19.64	26.198	34.612	0	
"2012-08-03	22:00:00"	14.22	155.4	9.09	23.07	11.77	154.6	10.07	20.68	93.4	93.2	0.174	22.76	21.11	26.219	0.01274	0	
"2012-08-03	23:00:00"	13.01	165.4	8.43	18.89	10.35	164.9	10.18	15.31	90.3	90	0.274	25.69	24.18	26.246	0	0	
"2012-08-04	00:00:00"	16.17	166.7	8.52	25.45	12.84	166	10.71	21.28	88	87.8	0.228	32.11	30.66	26.262	0	0	
"2012-08-04	01:00:00"	16.65	169.1	7.116	27.84	13.1	168.7	9.9	20.09	86.1	85.9	0.227	34.56	33.18	26.272	0	0	
"2012-08-04	02:00:00"	17.14	169.8	7.085	23.66	13.55	169.5	9.62	20.09	84.4	84.2	0.202	38.19	36.85	26.28	0	0	
"2012-08-04	03:00:00"	16.49	170.3	6.978	22.47	12.96	169.4	9.5	20.09	83	82.8	0.226	40.23	38.86	26.28	0	0	
"2012-08-04	04:00:00"	15.13	169.3	7.447	23.66	11.9	168.5	9.85	18.89	81.8	81.5	0.237	40.31	38.97	26.285	0	0	
"2012-08-04	05:00:00"	14	169.7	6.867	20.09	11.03	169.6	9.48	17.1	80.5	80.2	0.242	40.43	39.09	26.287	0	0	
"2012-08-04	06:00:00"	10.86	160.3	54.43	18.3	8.71	159.4	55.31	15.91	78.96	78.72	0.246	41.94	40.48	26.295	0	0	
"2012-08-04	07:00:00"	7.626	117.3	32.79	17.1	6.059	117.4	32.91	13.52	77.91	77.38	0.525	44.45	43.43	26.309	0.11199	0	
"2012-08-04	08:00:00"	7.161	101	31.56	12.33	5.537	99.2	32.27	10.54	75.86	75.55	0.31	49.81	48.56	26.325	39.968	0	
"2012-08-04	09:00:00"	8.55	124.5	28.91	16.51	7.088	125.2	36	15.91	76.83	77.3	-0.465	56.71	54.41	26.34	209.12	0	
"2012-08-04	10:00:00"	12.37	151.4	12.64	18.89	10.25	150.8	13.32	16.51	78.95	79.93	-0.982	57.28	54.2	26.352	415.06	0	
"2012-08-04	11:00:00"	11.08	159.8	12.83	18.3	9.31	158.7	13.75	15.31	83.4	84.6	-1.267	48.59	45.21	26.353	616.62	0	
"2012-08-04	12:00:00"	12.4	157.9	14.79	19.49	10.46	157.4	15.99	17.1	87.5	89	-1.554	41.08	37.83	26.355	787.15	0	
"2012-08-04	13:00:00"	13.03	161.2	15.74	20.68	10.97	161	16.74	18.89	91.1	93	-1.916	35.28	32.14	26.345	905.6	0	
"2012-08-04	14:00:00"	12.59	153.1	19.44	21.87	10.56	153.5	20.18	17.7	93.9	96	-2.072	30.28	27.18	26.338	961.14	0	
"2012-08-04	15:00:00"	13.19	149.8	18.34	26.05	11.04	149.9	19.12	21.87	95.8	98	-2.184	27.27	24.17	26.323	943.39	0	
"2012-08-04	16:00:00"	13.58	147.3	20.38	24.26	11.29	147	20.01	18.89	97.8	100	-2.186	21.57	18.72	26.313	906.51	0	
"2012-08-04	17:00:00"	15.4	142.5	17.85	26.05	12.82	142.4	17.96	23.66	98.5	100.5	-1.93	18.25	15.64	26.306	796.16	0	
"2012-08-04	18:00:00"	14.91	147.2	18.23	26.65	12.33	147.7	18.71	24.86	98.1	99.8	-1.683	18.63	16.12	26.305	621.21	0	
"2012-08-04	19:00:00"	15.55	139.7	19.01	23.66	12.64	140.1	18.93	21.28	97.7	99	-1.261	19.46	17.08	26.312	413.87	0	
"2012-08-04	20:00:00"	15.57	134.9	14.92	24.26	12.54	135.9	14.82	20.68	96.3	97	-0.674	20.31	18.17	26.318	203	0	
"2012-08-04	21:00:00"	15.74	131.4	8.66	23.07	12.61	132.6	10.15	18.89	93.8	93.8	-0.056	25.07	23.22	26.333	31.128	0	
"2012-08-04	22:00:00"	14.95	138.7	7.85	21.87	12.01	139.1	8.22	18.89	90.3	90.2	0.125	29.38	27.74	26.354	0.009	0	
"2012-08-04	23:00:00"	12.45	146.9	8.85	18.3	10.06	146.5	8.95	15.91	87.3	87.2	0.135	32.61	31.06	26.381	0	0	
"2012-08-05	00:00:00"	11.6	153.7	10.17	17.1	9.48	152.2	10.26	14.72	84.9	84.8	0.116	35.06	33.55	26.407	0	0	
"2012-08-05	01:00:00"	7.986	171.2	9.19	12.33	6.233	171	11.32	11.14	81.9	81.6	0.232	38.71	37.41	26.438	0	0	
"2012-08-05	02:00:00"	6.545	184.5	9.31	11.14	4.93	185	12.22	8.75	80	79.74	0.273	40.65	39.28	26.459	0	0	
"2012-08-05	03:00:00"	5.823	180	8.76	8.75	4.334	178.9	10.95	6.964	78.63	78.31	0.324	43.14	41.74	26.471	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-05	04:00:00"	3.468	202.2	48.08	6.368	2.452	211.3	70.14	4.578	78.19	77.01	1.183	44.76	44.32	26.48	0
"2012-08-05	05:00:00"	6.534	352.8	13.12	14.12	5.221	359.4	11.82	11.14	75.82	71.48	4.341	48.64	52.64	26.498	0
"2012-08-05	06:00:00"	7.323	1.291	11.86	11.14	4.844	357.7	14.43	8.75	73.51	71.89	1.614	53.08	53.59	26.511	0
"2012-08-05	07:00:00"	8.39	10.51	7.484	12.33	5.936	7.862	12.64	10.54	71.76	70.74	1.024	56.31	56.33	26.522	0.09341
"2012-08-05	08:00:00"	9.75	30.18	7.754	14.12	7.788	31.91	10.72	13.52	70.8	70.81	-0.005	60.2	58.71	26.54	33.703
"2012-08-05	09:00:00"	11.69	44.2	9.44	16.51	9.54	45.78	11.12	14.72	73.1	73.68	-0.578	56.72	54.32	26.556	194.1
"2012-08-05	10:00:00"	10.68	60.91	12.66	16.51	8.9	62.66	14.26	13.52	77.09	78.08	-0.992	49.79	46.77	26.565	399.65
"2012-08-05	11:00:00"	9.81	64	16.84	15.31	8.13	66.28	18.52	13.52	81.1	82.5	-1.455	44.5	40.91	26.568	598.52
"2012-08-05	12:00:00"	9.45	57.17	22.76	19.49	8.06	58.7	25.3	16.51	82.9	84.9	-1.946	42.34	38.4	26.571	765.02
"2012-08-05	13:00:00"	11.27	64.52	21.76	20.68	9.5	67.62	24.16	17.1	85.7	87.7	-2.096	39.05	35.53	26.56	879.38
"2012-08-05	14:00:00"	13.13	81	20.28	23.07	10.9	82.9	21.92	20.68	87.9	89.9	-2.034	36.15	32.74	26.549	911.09
"2012-08-05	15:00:00"	12.25	97.9	25.54	24.86	10.3	98.2	29.33	21.87	89.4	91.5	-2.07	34	30.67	26.531	915.48
"2012-08-05	16:00:00"	12.64	96.2	26	23.66	10.39	98.7	26.02	23.07	91.1	93.1	-2.04	31.61	28.38	26.51	775.04
"2012-08-05	17:00:00"	11.83	105.3	24.71	21.87	9.9	106.1	26.52	20.09	91.5	93.4	-1.93	30.82	27.69	26.491	704.51
"2012-08-05	18:00:00"	12.89	116.5	16.48	20.68	10.63	117.6	18.58	18.3	92.2	93.8	-1.582	30.24	27.39	26.478	497.57
"2012-08-05	19:00:00"	13.16	115.2	14.45	21.28	10.76	116.2	16.26	18.3	91.9	93	-1.095	30.72	28.16	26.47	227.56
"2012-08-05	20:00:00"	12.55	118.8	13.38	20.68	10.01	120.4	14.66	17.1	91.3	91.8	-0.454	31.03	28.97	26.469	56.176
"2012-08-05	21:00:00"	10.95	102.9	7.514	21.87	8.57	103.7	9.42	17.1	89.9	89.9	0.026	32.17	30.49	26.479	10.252
"2012-08-05	22:00:00"	9.78	112.9	11.37	21.87	7.286	113.8	13.71	18.3	87.7	87.4	0.26	35.4	33.96	26.489	0
"2012-08-05	23:00:00"	9.56	76.52	14.78	24.26	7.193	77.96	15.8	19.49	83.8	83.7	0.173	44.61	43.47	26.511	0
"2012-08-06	00:00:00"	6.561	90.4	7.102	8.75	3.993	82.9	8.73	5.771	82.4	81.5	0.886	46.48	46.3	26.527	0
"2012-08-06	01:00:00"	6.623	87.9	10	8.16	4.317	77.67	12.13	6.368	81.2	80.2	0.914	46.99	46.92	26.536	0
"2012-08-06	02:00:00"	8.06	100.7	10.56	10.54	4.891	95.8	12.09	7.561	79.13	77.97	1.161	49.23	49.75	26.536	0
"2012-08-06	03:00:00"	9.19	138.5	11.51	13.52	6.914	138.3	11.34	10.54	79.4	79.03	0.371	44.08	43.03	26.537	0
"2012-08-06	04:00:00"	8.19	163.9	9.56	12.93	6.35	162.2	10.84	9.95	78.01	77.79	0.22	46.07	44.67	26.539	0
"2012-08-06	05:00:00"	7.304	177.3	8.85	11.14	5.54	176.2	10.14	9.35	76.59	76.31	0.279	49.09	47.78	26.535	0
"2012-08-06	06:00:00"	6.641	191.5	10.82	11.74	4.779	198.4	14.94	8.75	74.34	74.12	0.22	53	51.69	26.534	0
"2012-08-06	07:00:00"	6.149	192.6	9.26	9.95	4.413	197.9	11.68	7.561	72.28	72.1	0.172	57.79	56.43	26.543	0.06218
"2012-08-06	08:00:00"	4.837	198.6	12.95	7.561	3.568	200.2	14.9	6.368	71.86	71.77	0.094	60.52	59.09	26.554	36.459
"2012-08-06	09:00:00"	6.807	189.6	11	11.74	5.472	188.2	13.89	10.54	74.05	74.45	-0.396	60.83	58.74	26.568	202.41
"2012-08-06	10:00:00"	7.129	198.8	17.35	11.14	6.002	198.5	21.34	10.54	78.47	79.21	-0.74	54.68	52.04	26.568	409.75
"2012-08-06	11:00:00"	5.763	240.3	32.95	9.95	4.841	246.1	40.01	9.35	82.7	83.9	-1.21	44.19	41.17	26.558	613.59
"2012-08-06	12:00:00"	4.976	201.2	44.46	12.33	4.275	207.8	48.92	11.14	85.8	86.9	-1.041	37.32	34.92	26.552	781.85
"2012-08-06	13:00:00"	6.161	138.9	53.14	15.31	5.293	137.2	57.64	14.72	88.2	89.6	-1.368	33.2	30.54	26.537	899.63
"2012-08-06	14:00:00"	9.19	150.3	40.37	21.28	7.849	152	40.7	18.89	89.9	91.8	-1.903	30.92	27.87	26.517	955.98
"2012-08-06	15:00:00"	9.2	163	38.35	19.49	7.807	163.8	43.62	17.1	91.5	93.5	-2.021	30.03	26.95	26.492	935.27
"2012-08-06	16:00:00"	9.73	139.3	34.76	20.09	8.21	140.4	36.15	18.89	93.6	95.6	-2.059	27.56	24.53	26.466	842.21
"2012-08-06	17:00:00"	8.45	123.5	31.82	21.28	7.096	126	35.13	18.89	94.1	95.5	-1.414	25.17	22.57	26.446	533.1
"2012-08-06	18:00:00"	10.04	132.9	29.89	18.89	8.38	132.9	28.99	17.1	95.3	96.7	-1.428	23.35	20.79	26.427	605.05
"2012-08-06	19:00:00"	9.93	129.5	26.46	18.3	8.24	129.6	27.35	15.31	94.7	95.6	-0.933	23.46	21.15	26.415	243.19
"2012-08-06	20:00:00"	10.31	149	14.82	18.89	8.52	148.7	15.51	15.91	94.5	95.2	-0.619	23.69	21.57	26.406	188.62
"2012-08-06	21:00:00"	10.08	144.7	8.68	15.91	8.04	144.6	8.86	12.93	92.9	92.9	-0.03	24.61	22.82	26.411	27.692
"2012-08-06	22:00:00"	7.78	149	7.765	11.74	5.927	147.5	7.573	9.35	89.6	89.3	0.353	27.06	25.65	26.42	0
"2012-08-06	23:00:00"	8.95	146.9	8.61	12.33	6.836	146.6	8.35	10.54	87.2	86.8	0.389	28.64	27.28	26.436	0
"2012-08-07	00:00:00"	9.11	152	8.72	13.52	7.118	150.5	9	10.54	84.7	84.4	0.292	31.51	30.15	26.441	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-07	01:00:00"	9.85	152.9	8.55	14.12	7.84	151.3	8.69	11.14	82.9	82.6	0.268	32.71	31.37	26.435	0
"2012-08-07	02:00:00"	9.33	163.6	9.69	15.31	7.353	162.5	11.18	12.33	80.8	80.5	0.236	35.78	34.43	26.433	0
"2012-08-07	03:00:00"	7.32	179.9	15.05	11.74	5.523	181.3	18.01	9.35	79.81	79.49	0.322	38.06	36.8	26.432	0
"2012-08-07	04:00:00"	5.964	193.9	10.6	9.35	4.232	194.7	12.13	6.964	77.18	76.9	0.288	41.84	40.36	26.43	0
"2012-08-07	05:00:00"	7.901	179.2	9.4	12.93	5.901	177.3	11.74	9.95	76.21	75.93	0.286	45	43.53	26.427	0
"2012-08-07	06:00:00"	8.27	184.9	12.39	13.52	6.282	187	15.87	10.54	74.76	74.61	0.151	49.12	47.57	26.431	0
"2012-08-07	07:00:00"	7.1	189.6	11.51	12.33	5.23	191.2	13.87	9.95	73.5	73.29	0.21	51.73	50.34	26.435	0.03966
"2012-08-07	08:00:00"	5.419	204.8	12.7	10.54	4.172	207	13.85	8.16	73.32	73.2	0.119	52.63	51.21	26.441	35.87
"2012-08-07	09:00:00"	5.241	196.6	12.22	8.75	4.156	193.9	14.36	6.964	74.99	75.27	-0.273	51.52	49.62	26.452	158.5
"2012-08-07	10:00:00"	7.209	215.3	15.65	12.93	6.144	218.8	18.5	11.74	82.2	82.8	-0.652	42.19	39.89	26.457	401.16
"2012-08-07	11:00:00"	10.4	209.5	17.67	17.1	8.62	210.6	20.84	14.12	86.6	87.7	-1.119	36.5	34.04	26.456	608.03
"2012-08-07	12:00:00"	8.46	191.2	27.27	15.31	7.056	190.6	31.37	13.52	88.6	90	-1.407	33.62	30.95	26.458	766.53
"2012-08-07	13:00:00"	6.793	201.3	46.42	15.31	5.79	197.2	53.58	15.31	91.1	92.7	-1.597	30.24	27.48	26.447	909.89
"2012-08-07	14:00:00"	8.75	170.3	46.35	20.68	7.316	171.9	50.79	17.7	93	94.9	-1.863	27.35	24.49	26.431	996.75
"2012-08-07	15:00:00"	10.76	133.4	31.45	20.68	9.11	133.9	32.44	18.89	93.8	96	-2.21	24.98	21.94	26.416	951.72
"2012-08-07	16:00:00"	10.46	145.9	34.76	20.68	8.89	148.1	35.06	17.7	94.7	96.6	-1.903	25.56	22.66	26.394	904.4
"2012-08-07	17:00:00"	10.08	146.3	28.08	23.07	8.38	146.6	29.74	20.09	95.3	97	-1.683	24.85	22.09	26.37	692.31
"2012-08-07	18:00:00"	11.46	146.6	22.74	29.63	9.5	146.5	23.62	21.28	96	97.6	-1.567	23.49	20.85	26.353	598.32
"2012-08-07	19:00:00"	12.34	146.1	21.76	21.87	10.21	147.1	22.66	17.1	96.2	97.7	-1.433	23.6	21	26.343	399.34
"2012-08-07	20:00:00"	9.87	161.9	12.96	16.51	8.07	162.1	14.2	15.31	94.9	95.4	-0.489	24.62	22.55	26.338	83.087
"2012-08-07	21:00:00"	8.61	156.4	11.41	13.52	7.127	156	11.76	12.93	94	94.2	-0.142	25.1	23.26	26.341	19.455
"2012-08-07	22:00:00"	8.77	145.9	11.64	15.91	7.058	144.9	10.93	11.74	91.7	91.7	0.026	26.71	25.03	26.357	0
"2012-08-07	23:00:00"	9.13	146.8	8.43	14.12	7.298	146.5	8.27	11.14	89.6	89.5	0.098	27.65	26.05	26.372	0
"2012-08-08	00:00:00"	10.07	136.9	7.622	14.72	7.748	136.7	8.4	11.74	86.7	86.4	0.31	29.22	27.81	26.384	0
"2012-08-08	01:00:00"	9.69	149.5	8.61	13.52	7.671	148.5	8.57	11.14	84.9	84.8	0.193	30.31	28.86	26.386	0
"2012-08-08	02:00:00"	8.41	152.7	8.62	11.74	6.643	151.6	8.94	9.95	83.4	83.2	0.207	31	29.6	26.39	0
"2012-08-08	03:00:00"	6.278	152.6	9.38	12.33	6.902	151.4	9.24	11.14	82.1	81.8	0.283	31.52	30.2	26.389	0
"2012-08-08	04:00:00"	9.43	163.3	9.28	14.72	7.32	162.9	10.45	12.93	80.6	80.3	0.32	32.93	31.67	26.393	0
"2012-08-08	05:00:00"	10.5	162.3	14.06	15.31	8.31	161.3	15.84	13.52	79.71	79.59	0.121	35.32	33.89	26.394	0
"2012-08-08	06:00:00"	13.47	71.06	33.49	33.21	10.53	73.66	34.58	29.03	80.1	79.74	0.354	42.1	41.76	26.437	0
"2012-08-08	07:00:00"	12.95	93.3	11.79	20.68	10.33	93	13.21	17.7	74.44	74.47	-0.036	59.05	57.59	26.447	0
"2012-08-08	08:00:00"	9.04	113.4	16.81	13.52	7.046	114.4	18.07	11.14	74.09	74.23	-0.137	60.9	59.24	26.457	6.7157
"2012-08-08	09:00:00"	8.26	137	10.99	13.52	6.79	138	11.02	11.74	76.47	76.75	-0.276	55.45	53.67	26.471	78.484
"2012-08-08	10:00:00"	13.82	56.03	30.93	27.24	11.21	57.23	29.49	21.28	75.88	75.92	-0.042	61.31	60.64	26.509	72.242
"2012-08-08	11:00:00"	12.58	17.35	14.69	21.28	10.07	16.38	19.51	18.89	72.38	72.8	-0.413	74.33	73.32	26.533	130.1
"2012-08-08	12:00:00"	7.495	50.61	15.63	9.95	6.407	52.85	16.4	9.35	74.08	74.47	-0.382	70.15	69.3	26.519	132.55
"2012-08-08	13:00:00"	5.791	77.01	14.09	8.75	4.831	78.63	14.67	7.561	75.48	75.71	-0.231	69.85	69.83	26.502	146.03
"2012-08-08	14:00:00"	4.347	155	32.92	8.75	3.834	156.3	38.35	7.561	77.96	78.23	-0.278	60.29	59.45	26.483	225.02
"2012-08-08	15:00:00"	5.994	252.2	40.62	8.75	4.817	257.7	42.49	8.16	80.4	81.1	-0.738	52.9	50.77	26.47	269.63
"2012-08-08	16:00:00"	4.146	266.6	29.37	8.75	3.418	269.6	31.61	6.368	82.8	83.5	-0.701	43.51	41.16	26.454	369.18
"2012-08-08	17:00:00"	4.574	264.7	34.01	8.75	3.943	265.2	40.53	8.16	86.9	88.1	-1.273	34.66	32.21	26.425	748.7
"2012-08-08	18:00:00"	5.804	294.8	58.79	13.52	4.642	295.6	61.71	10.54	89.9	91.5	-1.528	30.05	27.41	26.401	590.84
"2012-08-08	19:00:00"	4.27	182.8	88.3	10.54	3.708	177.4	89.7	8.75	90.8	91.5	-0.72	29.18	27.02	26.388	305.13
"2012-08-08	20:00:00"	4.759	81.6	38.59	9.35	3.979	79.34	42.16	8.16	91.1	91.6	-0.473	28.34	26.39	26.386	153.02
"2012-08-08	21:00:00"	7.558	124.6	10.94	11.74	5.708	126.5	11.75	9.95	89.6	89.5	0.118	30.16	28.6	26.389	13.722

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-08	22:00:00"	10.83	118.5	20.03	21.28	8.28	120.3	21.05	18.89	85.8	85.4	0.378	35.4	34.07	26.405	0	0
"2012-08-08	23:00:00"	10.56	164.2	11.91	18.89	8.52	163.4	13.41	16.51	81.3	81.3	0.024	44.98	43.15	26.433	0	0
"2012-08-09	00:00:00"	5.525	177.9	12.02	10.54	4.091	177	13.83	8.16	78.76	78.63	0.134	49.68	48.1	26.452	0	0
"2012-08-09	01:00:00"	6.944	187.1	11.62	13.52	5.286	188.5	13.93	10.54	77.34	77.18	0.161	52.25	50.8	26.46	0	0
"2012-08-09	02:00:00"	4.077	213.4	18.84	7.561	2.877	214.2	21.48	6.368	75.97	75.68	0.289	55.27	54	26.462	0	0
"2012-08-09	03:00:00"	1.939	219.4	13.66	3.386	1	257.7	30.13	1	75.79	74.45	1.344	55.82	56.2	26.464	0	0
"2012-08-09	04:00:00"	3.123	252.6	12.99	4.578	1.905	294	14.93	3.982	74.84	72.04	2.804	57.45	59.83	26.464	0	0
"2012-08-09	05:00:00"	2.865	294.9	21.21	4.578	2.693	344	21.45	3.982	74.24	69.93	4.309	58.77	63.47	26.459	0	0
"2012-08-09	06:00:00"	3.765	313.8	11.21	5.771	2.895	345.9	22.22	4.578	73.43	67.54	5.891	60.79	67.63	26.453	0	0
"2012-08-09	07:00:00"	2.226	99.1	43.81	4.578	2.401	65.68	34.79	3.982	71.49	67.76	3.728	64.02	66.68	26.461	0.05673	0
"2012-08-09	08:00:00"	5.006	31.94	20.05	7.561	3.633	15.78	10.57	5.175	69.87	65.95	3.919	67.07	70.56	26.47	34.867	0
"2012-08-09	09:00:00"	4.469	19.79	6.192	5.771	3.899	20.86	10.31	5.771	72.52	73.13	-0.609	63.22	61.05	26.478	203.51	0
"2012-08-09	10:00:00"	2.596	281	77.46	5.771	2.128	279.7	81.8	5.175	79.35	79.92	-0.568	49.56	47.21	26.475	414.88	0
"2012-08-09	11:00:00"	3.933	206.2	87.1	8.16	3.255	204.4	84.9	8.16	84	84.8	-0.802	41.09	38.66	26.475	618.2	0
"2012-08-09	12:00:00"	6.466	56.43	52.96	15.91	5.554	56.34	57.39	15.31	86.8	88.3	-1.522	35.99	33.19	26.476	786.37	0
"2012-08-09	13:00:00"	7.791	48.3	42.8	20.68	6.705	49.49	47.83	17.7	88.5	90.5	-2.085	33.64	30.41	26.471	903	0
"2012-08-09	14:00:00"	8.67	73.32	31.29	19.49	7.356	72.84	32.38	17.7	90.4	92.4	-2.021	28.5	25.49	26.455	986.41	0
"2012-08-09	15:00:00"	11.5	78.93	21.46	21.87	9.57	80.3	22.38	18.3	92.7	94.8	-2.076	21.57	18.77	26.438	953.49	0
"2012-08-09	16:00:00"	11.88	84.2	29.6	23.66	9.86	85.8	31.71	20.09	93.6	95.7	-2.145	21.34	18.48	26.415	928.81	0
"2012-08-09	17:00:00"	11.55	81.1	33.87	26.65	9.5	81.8	38.58	23.07	94.1	96	-1.884	21.63	18.86	26.393	700.18	0
"2012-08-09	18:00:00"	13.23	74.88	19.24	25.45	10.76	76.28	20.3	20.68	94.5	96.1	-1.62	20.78	18.18	26.376	594.81	0
"2012-08-09	19:00:00"	12.64	91.6	21.01	21.28	10.32	93	22.11	18.3	94.4	95.6	-1.182	21.24	18.82	26.371	415.38	0
"2012-08-09	20:00:00"	13.45	77.89	15.89	20.09	10.77	79.23	16.6	17.7	94.5	95	-0.487	19.04	17.02	26.371	186.14	0
"2012-08-09	21:00:00"	9.96	79.09	9.89	15.91	7.446	79.31	11.25	12.93	92	91.8	0.268	20.11	18.45	26.377	16.054	0
"2012-08-09	22:00:00"	7.775	75.75	8.95	9.95	4.506	73.82	11.21	6.368	87.3	85.7	1.613	23.14	22.39	26.389	0.00057	0
"2012-08-09	23:00:00"	6.861	69.9	11	8.75	4.077	52.71	20.85	5.771	85.8	82.5	3.269	24.33	25	26.405	0	0
"2012-08-10	00:00:00"	7.412	99.2	51.99	14.12	5.152	93	59.42	11.74	83.5	81.6	1.884	27.37	27.32	26.414	0	0
"2012-08-10	01:00:00"	5.965	203.4	22.81	9.95	4.614	204.1	24.38	8.75	80.9	80.6	0.283	38.48	36.85	26.425	0	0
"2012-08-10	02:00:00"	5.806	256.9	20.07	8.75	4.195	265.7	22	7.561	79.03	78.35	0.676	44.26	43	26.425	0	0
"2012-08-10	03:00:00"	4.942	263	12.78	6.368	3.222	271.8	16.45	5.175	77.6	76.1	1.497	47.95	47.52	26.419	0	0
"2012-08-10	04:00:00"	5.702	255.9	13.28	6.964	3.945	261.8	17.57	6.368	76.72	75.88	0.841	49.56	48.67	26.416	0	0
"2012-08-10	05:00:00"	6.303	279.1	10.13	8.75	3.319	288.6	12.18	6.368	75.33	73.31	2.022	52	52.74	26.414	0	0
"2012-08-10	06:00:00"	7.041	299.1	7.473	8.75	3.363	310.6	11.88	5.175	73.05	70.57	2.485	54.74	56.6	26.413	0	0
"2012-08-10	07:00:00"	9.07	16.03	25.72	15.31	6.254	14.84	23.59	12.33	71.16	69.93	1.227	56.89	57.24	26.438	0.0342	0
"2012-08-10	08:00:00"	8.71	19.56	7.263	13.52	5.653	16.78	12.89	9.35	70.68	69.55	1.134	58.42	58.8	26.453	32.395	0
"2012-08-10	09:00:00"	9.56	30.93	8.75	12.33	8.06	32.83	11.46	11.14	74.33	74.77	-0.439	48.77	46.77	26.46	197.01	0
"2012-08-10	10:00:00"	11.34	61.87	15.65	16.51	9.34	63.59	16.66	14.12	79.06	79.93	-0.872	39.59	37.27	26.471	401.72	0
"2012-08-10	11:00:00"	12.87	72.98	9.19	17.7	10.6	73.9	10.21	15.31	82.2	83.4	-1.181	36.61	34.04	26.474	603.32	0
"2012-08-10	12:00:00"	10.09	83.3	19.13	17.7	8.41	84.6	20.25	14.72	85.7	87.2	-1.525	33.69	30.9	26.472	773.06	0
"2012-08-10	13:00:00"	7.955	91.7	34.24	16.51	6.855	93.5	36.96	14.72	88.5	90.2	-1.701	30.9	28.03	26.462	893.3	0
"2012-08-10	14:00:00"	7.258	110.2	43.6	14.72	6.321	111.1	46.67	12.93	90.9	92.4	-1.557	27.45	24.75	26.449	953.78	0
"2012-08-10	15:00:00"	6.445	85.5	60.6	14.72	5.612	87.3	64.09	14.12	92.4	94	-1.6	23.85	21.2	26.43	936.19	0
"2012-08-10	16:00:00"	10.76	83.9	33.65	20.68	9.06	86.1	35.02	17.7	94.5	96.6	-2.076	21.28	18.44	26.408	895.41	0
"2012-08-10	17:00:00"	11.07	88.8	30.12	20.68	9.18	91.7	32.08	18.89	94.9	96.8	-1.97	21.25	18.46	26.392	768.62	0
"2012-08-10	18:00:00"	12.55	93.7	25.61	30.82	10.34	94.6	27.89	29.63	95.3	97	-1.698	21.17	18.5	26.377	593.91	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-10	19:00:00"	12.96	98.6	19.05	21.87	10.55	99.1	20.73	19.49	95	96.2	-1.152	20.81	18.41	26.363	391.23	0
"2012-08-10	20:00:00"	12.59	101.4	13.01	21.87	10.06	102.2	15.12	15.91	94.1	94.7	-0.605	20.09	18	26.358	184.88	0
"2012-08-10	21:00:00"	9.82	100.9	6.566	15.31	7.493	101.3	8.19	12.93	91.3	91	0.226	21.38	19.69	26.366	25.111	0
"2012-08-10	22:00:00"	7.931	91.4	7.056	9.95	4.632	86.1	11.21	7.561	86.2	84.6	1.688	25.37	24.45	26.386	0	0
"2012-08-10	23:00:00"	8.59	92	7.141	9.95	4.734	78.96	7.904	6.964	83.4	80.5	2.886	28.53	28.74	26.403	0	0
"2012-08-11	00:00:00"	8.81	81.8	5.127	10.54	5.356	73.85	7.564	6.964	79.25	77.51	1.745	32.36	32.01	26.417	0	0
"2012-08-11	01:00:00"	9.12	82.6	5.312	11.74	6.012	78.98	7.225	8.16	76.39	75.6	0.795	35.42	34.54	26.42	0	0
"2012-08-11	02:00:00"	8.31	83.7	6.675	10.54	4.93	72.28	10.9	6.964	74.8	73.13	1.666	36.36	36.44	26.413	0	0
"2012-08-11	03:00:00"	9.28	103.9	9.91	12.93	5.98	98	14.8	9.35	74.66	73.25	1.41	35.22	35.2	26.411	0	0
"2012-08-11	04:00:00"	8.19	112.7	9.72	11.74	5.296	110.3	14.66	8.16	74.01	73.1	0.91	34.42	33.79	26.409	0	0
"2012-08-11	05:00:00"	7.844	85.2	5.94	9.35	4.831	67.49	9.42	6.368	71.95	69.98	1.974	35.82	36.54	26.406	0	0
"2012-08-11	06:00:00"	8.36	71.92	11.35	9.95	5.233	60.34	11.56	6.964	70.75	68.97	1.779	36.14	36.79	26.407	0	0
"2012-08-11	07:00:00"	7.954	51.72	7.996	9.95	5.348	47.37	15.08	7.561	70.21	68.57	1.639	36.45	36.92	26.41	0.00556	0
"2012-08-11	08:00:00"	8.1	47.9	9.75	11.14	5.787	47.67	12.45	8.75	68.83	68.17	0.657	38.09	37.51	26.422	15.541	0
"2012-08-11	09:00:00"	7.779	68.86	16.19	12.33	6.238	68.7	15.95	9.95	70.39	70.62	-0.237	36.56	35.1	26.437	175.14	0
"2012-08-11	10:00:00"	9.62	97.9	11.18	14.12	8.03	98.1	12.78	11.14	76.83	77.56	-0.729	34.8	32.73	26.445	380.97	0
"2012-08-11	11:00:00"	7.569	138.8	22.75	12.93	6.407	139.7	24.75	11.14	81.7	82.7	-1.01	34.08	31.73	26.444	585.07	0
"2012-08-11	12:00:00"	5.328	168.5	30.37	11.74	4.577	165.9	33.72	10.54	85.7	86.9	-1.121	30.94	28.55	26.432	761.86	0
"2012-08-11	13:00:00"	5.383	184.1	54.69	12.93	4.618	190.2	58.52	11.74	89.5	90.8	-1.332	27.13	24.65	26.42	881.41	0
"2012-08-11	14:00:00"	5.197	221.9	75.09	11.74	4.501	219.6	73.29	11.14	92.1	93.7	-1.6	23.52	20.95	26.399	940	0
"2012-08-11	15:00:00"	6.29	188.1	61.03	21.87	5.407	191.2	67.66	17.1	94.1	95.8	-1.695	20.67	18.12	26.377	921.35	0
"2012-08-11	16:00:00"	8.58	155.9	27.97	18.89	7.211	156.7	32.67	15.91	95.7	97.4	-1.677	20.34	17.75	26.356	869.46	0
"2012-08-11	17:00:00"	7.173	161.1	53.52	17.7	6.068	160.7	52.99	14.72	96.7	98.2	-1.528	19.75	17.25	26.34	746.83	0
"2012-08-11	18:00:00"	9.16	184.6	26.72	20.09	7.567	183.9	31.77	17.1	97.3	98.8	-1.446	19.28	16.82	26.327	583.08	0
"2012-08-11	19:00:00"	9.11	187.4	21.54	18.89	7.521	187.4	27.02	16.51	97.3	98.4	-1.123	19.7	17.37	26.316	380.93	0
"2012-08-11	20:00:00"	10.26	195.6	19.25	18.89	8.28	196.5	22.23	16.51	96.8	97.2	-0.456	19.66	17.64	26.312	166.48	0
"2012-08-11	21:00:00"	8.41	193.5	9.9	17.1	6.496	194.4	12.23	13.52	94.6	94.4	0.196	20.49	18.8	26.321	20.526	0
"2012-08-11	22:00:00"	9.13	174.7	14.1	13.52	6.801	174.8	16.43	10.54	90.6	90.1	0.441	24.01	22.51	26.332	0	0
"2012-08-11	23:00:00"	10.15	164.2	8.62	14.72	7.86	162.1	9.64	11.74	88.3	87.8	0.46	25.85	24.43	26.349	0	0
"2012-08-12	00:00:00"	12.44	170.8	8.13	17.7	9.58	169.9	9.77	15.31	85.7	85.4	0.351	28.74	27.32	26.354	0	0
"2012-08-12	01:00:00"	10.26	177.4	7.904	16.51	7.787	176.3	10.12	13.52	82.9	82.6	0.319	31.4	30.02	26.354	0	0
"2012-08-12	02:00:00"	8.43	186.1	8.71	13.52	6.225	189.2	12.51	10.54	80.9	80.4	0.442	33.61	32.4	26.356	0	0
"2012-08-12	03:00:00"	6.621	197.1	10.33	9.35	4.703	199.8	9.47	6.964	78.7	78.17	0.524	35.55	34.5	26.351	0	0
"2012-08-12	04:00:00"	5.745	225.5	15.26	9.35	4.47	227.8	18.36	7.561	77.61	77.32	0.284	36.33	35.04	26.351	0	0
"2012-08-12	05:00:00"	5.545	217.3	15.87	9.35	4.259	216.8	19.69	6.964	76.7	76.27	0.426	36.95	35.83	26.356	0	0
"2012-08-12	06:00:00"	7.265	197.3	8.1	9.35	4.981	201.7	9.99	7.561	75.9	75.08	0.82	37.99	37.32	26.357	0	0
"2012-08-12	07:00:00"	4.735	217.4	14.79	7.561	3.704	214.8	17	5.771	75.42	75.12	0.302	39.09	37.89	26.365	0	0
"2012-08-12	08:00:00"	4.693	255.1	15.67	7.561	3.322	263.4	13.05	5.771	74.74	74.28	0.458	39.91	38.89	26.378	30.502	0
"2012-08-12	09:00:00"	4.663	233.5	15.05	8.16	3.847	232.6	17.6	6.964	76.72	76.87	-0.153	38.8	37.28	26.38	183.13	0
"2012-08-12	10:00:00"	6.742	221.5	14.91	11.74	5.705	224.1	17.72	9.95	82.2	82.8	-0.582	34.37	32.43	26.382	387.67	0
"2012-08-12	11:00:00"	9.28	219.4	16.83	17.1	7.773	219.5	20.99	14.72	88.4	89.4	-0.978	28.33	26.08	26.38	592.98	0
"2012-08-12	12:00:00"	10.81	230	20.03	18.3	8.92	232	23.3	17.1	94.1	95.5	-1.371	22.37	19.95	26.374	768.21	0
"2012-08-12	13:00:00"	9.95	250.3	25.06	19.49	8.11	254.2	27.59	17.1	97	98.9	-1.884	20.55	17.94	26.359	883.16	0
"2012-08-12	14:00:00"	8.55	237.4	41.56	19.49	7.053	243.1	44.75	17.1	98.8	100.8	-2.045	18.57	15.94	26.344	943.42	0
"2012-08-12	15:00:00"	7.996	248	57.67	18.3	6.565	250.8	61.6	17.1	99.9	101.8	-1.855	16.85	14.34	26.327	852.03	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-12	16:00:00"	5.455	140	49.68	12.93	4.711	139.8	52.32	11.74	100.2	101.3	-1.088	16	13.76	26.308	577.12	0
"2012-08-12	17:00:00"	8.45	134.6	33.1	18.3	6.951	135.9	33.45	14.72	100.2	101	-0.787	16.7	14.61	26.295	223.42	0
"2012-08-12	18:00:00"	14.49	183.2	30.54	33.8	11.42	184.6	31.66	26.65	93.9	93.2	0.701	24.26	25.3	26.309	162.08	0.01
"2012-08-12	19:00:00"	8.36	169.8	23.1	17.1	6.536	168.5	24.7	13.52	94.1	93.7	0.457	23.41	23.55	26.305	162.14	0
"2012-08-12	20:00:00"	5.272	142.2	75.3	11.14	3.374	132.2	82.2	8.16	94.4	92.8	1.583	21.05	22.5	26.311	29.082	0
"2012-08-12	21:00:00"	9.97	338.5	13.31	17.7	6.965	338.1	13.19	15.31	92.1	90.9	1.211	23.47	23.02	26.33	9.0087	0
"2012-08-12	22:00:00"	8.34	22.41	23.86	12.93	5.635	23.43	25	11.74	89.1	87.3	1.759	27.08	26.92	26.347	0	0
"2012-08-12	23:00:00"	13.34	59.83	17.59	20.09	10.38	60.88	18.3	17.1	87.7	87.4	0.363	30.96	29.64	26.369	0	0
"2012-08-13	00:00:00"	9.68	59.51	13.6	16.51	7.345	60.73	14.82	14.72	84.7	84.3	0.37	34.25	33.03	26.4	0	0
"2012-08-13	01:00:00"	8.43	54.03	10.42	12.93	6.315	54.82	13.41	11.14	82.9	82.5	0.378	35.15	33.96	26.429	0	0
"2012-08-13	02:00:00"	8.44	76.3	9.21	13.52	6.213	77.02	9.5	11.14	79.84	79.6	0.245	38.33	37.06	26.438	0	0
"2012-08-13	03:00:00"	12.59	43.17	45.68	33.8	9.59	41.09	46.45	26.65	79.16	79.07	0.089	43.42	41.75	26.453	0.0001	0
"2012-08-13	04:00:00"	22.81	1.4	14.85	33.8	17.55	358.6	16.1	29.03	68.53	67.95	0.573	74.2	76.26	26.47	0.35955	0.13
"2012-08-13	05:00:00"	23.32	25.61	11.02	36.78	18.54	25.66	15.96	30.82	67.35	66.75	0.6	75.41	77.68	26.502	0.38271	0.14
"2012-08-13	06:00:00"	15.85	49.13	9.84	25.45	12.52	50.82	11.64	21.28	67.75	67.44	0.309	75.97	77.04	26.522	0	0
"2012-08-13	07:00:00"	13.48	39.67	13.41	20.68	10.56	40.24	16.36	18.3	68.64	68.24	0.395	74.75	76.18	26.504	0.00019	0.09
"2012-08-13	08:00:00"	15.39	53.44	20.37	21.87	12.18	55.99	21.29	18.3	67.01	66.84	0.173	83.5	84.1	26.538	3.7649	0
"2012-08-13	09:00:00"	12.96	95.1	10.79	19.49	10.27	95.8	12.08	17.1	68.06	67.95	0.113	80.3	80.6	26.546	21.498	0
"2012-08-13	10:00:00"	12.76	113.3	8.34	19.49	9.95	115.4	11.11	15.91	69.19	69.13	0.052	78.28	78.69	26.544	67.703	0
"2012-08-13	11:00:00"	10.18	117.5	9.72	17.1	8.02	118.5	12.49	13.52	71.12	71.16	-0.036	74.94	75.25	26.532	134.68	0
"2012-08-13	12:00:00"	5.405	129.9	15.63	8.75	4.415	131.7	17.11	7.561	74.24	74.38	-0.145	66.33	66.57	26.52	191.52	0
"2012-08-13	13:00:00"	1.898	144.8	55.63	6.368	1.71	145.8	58.57	5.175	77.91	78.06	-0.145	54.17	53.5	26.506	308.15	0
"2012-08-13	14:00:00"	3.88	290.2	37.98	10.54	3.325	291.6	39.8	9.35	81.7	82.3	-0.608	45.83	44.9	26.489	468.13	0
"2012-08-13	15:00:00"	4.654	338.8	45	9.35	3.715	335.1	51	9.35	83.6	84.3	-0.695	41.17	40.54	26.475	358.11	0
"2012-08-13	16:00:00"	8.93	93	32.27	18.89	7.477	95.3	32.7	16.51	85	85.9	-0.963	41.81	40.86	26.46	816.62	0
"2012-08-13	17:00:00"	11.27	110.3	15.09	18.3	9.3	111.3	17.05	14.72	84.8	85.6	-0.764	42.95	41.64	26.446	489.02	0
"2012-08-13	18:00:00"	12.43	145.4	17.12	21.28	10.32	146.2	16.68	17.7	85.8	86.6	-0.809	36.95	35.58	26.43	479.88	0
"2012-08-13	19:00:00"	11.45	148.6	17	18.89	9.43	148	17.24	17.1	86.1	86.7	-0.601	33.13	31.9	26.415	375.23	0
"2012-08-13	20:00:00"	10.05	136.4	12.61	15.31	8.07	137.6	12.59	13.52	86	86.1	-0.185	35.59	34.74	26.405	170.68	0
"2012-08-13	21:00:00"	7.264	113.2	9.52	11.14	4.802	111.8	12.88	9.35	83.6	82.6	1.039	40.73	42.76	26.408	15.431	0
"2012-08-13	22:00:00"	8.48	124.6	5.484	10.54	5.268	124.7	7.869	8.16	80.9	79.41	1.494	42.51	45.83	26.416	0	0
"2012-08-13	23:00:00"	7.538	111.6	9.73	8.75	4.047	95.1	17.34	5.771	80	76.96	3.06	42	50.15	26.435	0	0
"2012-08-14	00:00:00"	8.4	98.1	4.102	9.95	4.495	81.7	5.712	5.771	78.31	74.84	3.476	47.17	55.82	26.441	0	0
"2012-08-14	01:00:00"	8.91	102.1	5.57	10.54	4.713	89	7.41	5.771	76.01	72.89	3.121	55.55	64.02	26.437	0	0
"2012-08-14	02:00:00"	8.18	127.1	10.78	12.33	4.905	124.5	13.83	8.75	76.03	74.17	1.857	56.32	60.79	26.428	0	0
"2012-08-14	03:00:00"	9.27	139.5	7.522	11.74	6.702	138.8	8.37	9.35	75.62	74.67	0.95	57.28	58.83	26.415	0	0
"2012-08-14	04:00:00"	8.46	152.3	8.64	12.33	6.489	150.5	8.37	9.95	75.32	74.64	0.68	56.39	57.04	26.405	0	0
"2012-08-14	05:00:00"	7.12	165.3	10.24	11.74	5.295	163.4	12.31	9.95	74.5	73.72	0.78	57.94	59.01	26.407	0	0
"2012-08-14	06:00:00"	7.696	165.6	10.12	11.74	5.747	165.3	10.98	9.35	74.17	73.49	0.684	58.76	59.53	26.401	0	0
"2012-08-14	07:00:00"	6.669	166	9.66	12.33	4.839	165.5	10.81	9.35	73.75	73.03	0.72	59.85	60.96	26.403	0	0
"2012-08-14	08:00:00"	8.65	159.5	10.21	15.31	6.796	158.8	11.13	13.52	73.64	73.13	0.51	61.1	61.38	26.402	27.045	0
"2012-08-14	09:00:00"	6.275	169.2	10.09	11.14	4.906	167.3	11.68	9.35	74.69	74.58	0.101	61.17	60.89	26.411	184.08	0
"2012-08-14	10:00:00"	10.23	178.8	8.78	15.31	8.16	177.9	11.86	12.93	78.95	79.31	-0.357	53.59	52.34	26.406	398.8	0
"2012-08-14	11:00:00"	11.39	186.3	12.65	20.09	9.25	186.2	16.04	16.51	83.5	84.2	-0.768	44.36	42.37	26.396	586.98	0
"2012-08-14	12:00:00"	13.59	194.4	14.66	21.28	11.07	194.3	17.44	18.3	86.9	88.1	-1.184	36.15	34	26.389	756.53	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-14	13:00:00"	12.99	194.9	17.7	21.28	10.64	194.7	19.3	17.7	88.7	90.3	-1.55	34.08	31.61	26.378	868.21	0	
"2012-08-14	14:00:00"	13.51	198.7	17.54	24.86	11.13	199.1	19.91	19.49	90.9	92.6	-1.701	30.73	28.16	26.353	924.68	0	
"2012-08-14	15:00:00"	12.46	205	26.21	23.66	10.33	206.1	29.81	21.28	92.7	94.4	-1.617	27.27	24.83	26.326	908.57	0	
"2012-08-14	16:00:00"	11.25	204.1	20.14	23.07	9.31	204.5	23.9	19.49	94.2	96	-1.808	25.78	23.25	26.3	908.91	0	
"2012-08-14	17:00:00"	12.24	199.1	24.85	23.66	10.02	200.1	28.09	20.68	94.9	96.5	-1.601	24.47	22.05	26.276	762.72	0	
"2012-08-14	18:00:00"	12.62	187.9	21.4	23.66	10.35	187.5	23.96	18.89	95.6	96.8	-1.253	23.19	20.99	26.253	517.8	0	
"2012-08-14	19:00:00"	12.58	192.7	18.4	21.87	10.02	193.6	21.65	17.7	95.3	95.9	-0.625	22.65	20.8	26.243	250.35	0	
"2012-08-14	20:00:00"	11.03	182.3	15	20.09	8.86	181.6	17.32	17.1	94.6	94.6	-0.006	22.82	21.33	26.237	59.868	0	
"2012-08-14	21:00:00"	10.21	166.3	8.45	15.31	8.02	164.2	10.26	12.93	91.6	91.2	0.351	25.02	23.87	26.236	5.1193	0	
"2012-08-14	22:00:00"	9.92	160.3	9.45	16.51	7.8	158.4	9.8	11.74	88.2	87.8	0.391	29.14	28.07	26.245	0	0	
"2012-08-14	23:00:00"	10.43	162.4	10.03	17.1	8.28	160.4	11.32	13.52	85.7	85.4	0.338	34.26	33.19	26.266	0	0	
"2012-08-15	00:00:00"	14.5	170.3	7.491	20.09	11.35	169.5	9.65	18.3	84.4	84.1	0.336	36.33	35.28	26.278	0	0	
"2012-08-15	01:00:00"	14.63	174.9	6.612	21.28	11.36	173.6	9.08	17.7	82.4	82.1	0.275	40.16	38.95	26.277	0	0	
"2012-08-15	02:00:00"	12.18	179.3	8.63	19.49	9.5	179.8	11.56	16.51	80.8	80.5	0.27	42.47	41.23	26.277	0	0	
"2012-08-15	03:00:00"	7.761	200.9	11.3	12.33	6.093	201.1	12.58	9.95	79.19	78.88	0.302	44.15	43.04	26.292	0	0	
"2012-08-15	04:00:00"	6.908	207.2	89.2	14.72	5.351	203	91.5	13.52	77.95	77.47	0.475	46.51	45.89	26.301	0	0	
"2012-08-15	05:00:00"	7.026	90.3	16.12	10.54	4.739	88.6	18.31	7.561	76.1	74.84	1.269	50.5	51.74	26.303	0	0	
"2012-08-15	06:00:00"	7.562	100.1	14.25	10.54	4.644	96.5	20.7	6.964	74.06	72.78	1.279	53.86	55.42	26.291	0	0	
"2012-08-15	07:00:00"	7.096	108.4	17.98	10.54	4.071	101	27.83	7.561	72.56	71.01	1.553	56.5	59.01	26.288	0	0	
"2012-08-15	08:00:00"	11.97	142.2	8.79	16.51	9.22	142	9.39	13.52	73.57	73.17	0.397	54.51	54.09	26.279	27.275	0	
"2012-08-15	09:00:00"	12.08	156.3	10.76	18.3	9.92	156.1	11.55	16.51	74.96	75.04	-0.074	51.34	49.91	26.281	142.74	0	
"2012-08-15	10:00:00"	13.47	176.2	9.41	19.49	10.83	175.7	12.06	15.91	78	78.61	-0.609	47.3	45.1	26.288	407.38	0	
"2012-08-15	11:00:00"	10.69	199.2	16.86	17.1	8.76	200.4	19.12	15.91	82.4	83.5	-1.184	41.34	38.63	26.297	613.55	0	
"2012-08-15	12:00:00"	9.52	200	19.12	15.31	7.98	199.7	21.54	14.12	85.6	87	-1.345	37.45	34.91	26.298	687.38	0	
"2012-08-15	13:00:00"	9.48	197.8	24.24	17.1	7.91	199.1	27.48	14.72	88.8	90.4	-1.603	33.63	30.98	26.291	895.02	0	
"2012-08-15	14:00:00"	7.625	213.9	33.81	15.31	6.492	216.9	38.31	12.93	92	93.7	-1.637	29.38	26.78	26.277	959.19	0	
"2012-08-15	15:00:00"	5.313	204.2	58.63	14.12	4.587	200.2	65.33	12.33	94	95.5	-1.422	25.76	23.34	26.262	913.83	0	
"2012-08-15	16:00:00"	5.97	170.5	84.4	15.91	5.083	167.8	84	12.93	95.9	97.4	-1.509	24.09	21.62	26.237	901.62	0	
"2012-08-15	17:00:00"	5.648	213	60.34	12.33	4.765	215.8	65.65	10.54	96.1	96.9	-0.825	23.44	21.33	26.22	365.39	0	
"2012-08-15	18:00:00"	6.115	225.7	50.03	15.91	4.881	229.2	52.99	12.93	96.3	97.1	-0.767	23.5	21.49	26.212	209.92	0	
"2012-08-15	19:00:00"	10.23	215.9	24.55	18.89	8.37	218.7	27.79	15.91	94.6	95.2	-0.512	25.24	23.41	26.207	189.94	0	
"2012-08-15	20:00:00"	9.51	194.6	19.12	15.31	7.667	194.1	20.7	13.52	92.5	92.6	-0.158	27.23	25.62	26.205	52.305	0	
"2012-08-15	21:00:00"	10.91	231.4	25.7	17.7	8.77	233.7	28.18	15.31	89.6	89.7	-0.063	30.8	29.24	26.233	20.348	0	
"2012-08-15	22:00:00"	12.95	113.6	27.93	21.87	10.24	113.9	27.62	17.1	85.5	85.5	-0.029	36.72	35.12	26.256	0	0	
"2012-08-15	23:00:00"	12.65	124.3	8.7	20.09	9.73	125.8	10.39	15.91	83	83	0.04	42.02	40.35	26.28	0	0	
"2012-08-16	00:00:00"	10.05	160.4	13.79	14.72	7.846	159.7	14.44	11.74	81.3	81.1	0.176	44.43	43.14	26.295	0	0	
"2012-08-16	01:00:00"	14.28	179.5	7.251	22.47	11.25	179.1	9.92	19.49	82.2	82	0.204	41.13	39.81	26.301	0	0	
"2012-08-16	02:00:00"	16.59	177.7	7.275	24.86	13.16	176.8	9.74	20.09	81.2	81	0.155	46.93	45.5	26.304	0	0	
"2012-08-16	03:00:00"	14.33	171.7	7.523	24.86	11.3	171.3	9.71	21.87	79.66	79.5	0.157	52.58	51.27	26.307	0	0	
"2012-08-16	04:00:00"	10.43	168.8	8.14	14.72	8.13	168.3	10.52	11.74	78.43	78.28	0.154	56.13	54.92	26.312	0	0	
"2012-08-16	05:00:00"	8.7	182.5	14.96	14.12	6.733	182.3	16.48	11.74	77.69	77.5	0.184	57.57	56.45	26.315	0	0	
"2012-08-16	06:00:00"	5.839	189.4	27.27	9.35	4.496	186.8	30.53	7.561	76.89	76.74	0.148	59.55	58.52	26.315	0	0	
"2012-08-16	07:00:00"	4.351	23.43	93.9	11.74	3.456	23.79	85.7	8.75	75.95	75.55	0.401	62.02	61.67	26.331	0	0	
"2012-08-16	08:00:00"	8.18	91.3	9.89	11.74	6.084	90.6	9.8	9.35	74.17	74.04	0.132	66.13	65.44	26.353	3.9675	0	
"2012-08-16	09:00:00"	11.15	125.5	10.78	17.7	8.79	127.1	12.23	14.12	75.82	75.89	-0.065	57.72	56.46	26.375	52.755	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-16	10:00:00"	12.86	143.8	12.09	18.89	10.46	143.7	12.03	15.91	75.67	75.67	-0.008	58.94	58.83	26.399	113.78	0	
"2012-08-16	11:00:00"	5.964	133.1	29.42	14.72	4.954	134.8	32.27	11.14	77.04	77.36	-0.324	57.16	55.8	26.404	189.97	0	
"2012-08-16	12:00:00"	5.773	143.3	31.3	11.74	4.812	145.7	31.84	9.95	78.92	79.41	-0.499	53.24	51.28	26.414	223.09	0	
"2012-08-16	13:00:00"	11.21	118.2	11.72	15.91	9.22	120.4	13.53	14.72	78.09	79.13	-1.035	56.36	53.34	26.413	354.5	0	
"2012-08-16	14:00:00"	13.39	111.2	11.61	18.89	11.12	112.8	13.9	17.1	79.87	81.6	-1.72	50.29	46.39	26.409	704.12	0	
"2012-08-16	15:00:00"	9.08	111.8	20.68	17.1	7.715	113.4	23.13	15.91	83.8	85.4	-1.54	43.9	40.29	26.401	762.53	0	
"2012-08-16	16:00:00"	10.38	112.9	26.89	19.49	8.66	116.3	28.97	17.1	86	87.5	-1.492	41.3	38.09	26.391	630.42	0	
"2012-08-16	17:00:00"	12.05	95.1	15.39	18.89	9.88	96.1	17.61	15.91	87.4	88.8	-1.364	35.86	33.13	26.37	447.7	0	
"2012-08-16	18:00:00"	13.29	99.7	13.77	20.09	10.75	100.8	15.78	16.51	87.8	88.6	-0.851	34.04	31.77	26.355	240.31	0	
"2012-08-16	19:00:00"	13.1	113	13.45	18.3	10.47	115.2	15.57	16.51	87.9	88.5	-0.603	33.91	31.9	26.354	169.95	0	
"2012-08-16	20:00:00"	11.71	104.2	10.5	16.51	9.33	105.2	12.66	13.52	87.8	88.1	-0.358	35.16	33.32	26.354	132.65	0	
"2012-08-16	21:00:00"	7.824	78.62	21.07	14.12	5.897	79.86	20.89	11.14	85.9	85.8	0.109	40.16	38.64	26.367	9.5374	0	
"2012-08-16	22:00:00"	8.96	46.55	8.54	12.33	7.312	48.54	9.63	10.54	82.9	82.8	0.054	48.44	46.85	26.391	0	0	
"2012-08-16	23:00:00"	9.04	52.02	8.14	12.93	7.085	53.94	9.36	10.54	81.7	81.7	0.016	49.74	48.21	26.413	0	0	
"2012-08-17	00:00:00"	10.53	65.98	11.42	15.31	8.19	67.46	11.92	12.33	80.8	80.7	0.032	51.73	50.18	26.416	0	0	
"2012-08-17	01:00:00"	11.68	78.56	8.83	16.51	9.11	78.77	9.59	13.52	79.05	79.02	0.037	55.26	53.78	26.42	0	0	
"2012-08-17	02:00:00"	9.33	99.6	8.72	15.91	7.033	98.5	10.71	12.93	77.27	77.04	0.226	56.29	55.19	26.43	0	0	
"2012-08-17	03:00:00"	6.188	67.79	13.72	8.16	4.221	65.73	12.74	6.368	74.56	74.26	0.301	61.63	60.93	26.42	0	0	
"2012-08-17	04:00:00"	6.129	51.29	13.47	8.75	4.442	49.74	13.53	7.561	73.26	73.05	0.213	65.15	64.4	26.412	0	0	
"2012-08-17	05:00:00"	6.319	48.42	19.83	9.95	4.728	46.03	23.16	7.561	72.28	72.12	0.158	67.03	66.24	26.411	0	0	
"2012-08-17	06:00:00"	6.351	18.48	18.47	9.95	4.359	17.92	24.91	7.561	71.59	70.97	0.619	68.55	68.99	26.414	0	0	
"2012-08-17	07:00:00"	7.518	44.6	10.16	10.54	5.72	45.26	12.54	8.75	71.16	70.93	0.227	69.65	69.01	26.413	0	0	
"2012-08-17	08:00:00"	8.81	73.06	11.22	11.74	6.448	72.87	10.6	9.95	70.32	70.27	0.049	71.17	70.27	26.421	25.316	0	
"2012-08-17	09:00:00"	11.44	76.04	8.12	16.51	9.23	75.79	8.88	14.12	72.66	73.06	-0.395	66.39	64.52	26.424	188.44	0	
"2012-08-17	10:00:00"	11.87	75.06	9.89	16.51	9.69	76.82	10.84	14.12	75.85	76.67	-0.817	60.68	57.96	26.428	339.04	0	
"2012-08-17	11:00:00"	11.71	87.1	13.31	17.1	9.65	87.8	14.77	14.72	79.84	80.9	-1.038	52.58	49.58	26.429	517.99	0	
"2012-08-17	12:00:00"	10.04	113.8	15.09	15.91	8.44	116.3	17.66	14.12	83.3	84.6	-1.358	44.9	41.46	26.43	639.09	0	
"2012-08-17	13:00:00"	10.81	118	15.74	16.51	8.93	121	17.59	14.12	85.2	86.8	-1.547	41.31	38.08	26.422	591.88	0	
"2012-08-17	14:00:00"	10.56	116.5	17.55	17.1	8.79	118.4	19.6	15.31	86.5	88	-1.55	39.41	36.44	26.412	569.03	0	
"2012-08-17	15:00:00"	10.82	116	27.08	18.89	9	116.7	28.46	15.91	87.7	89.1	-1.448	38.56	35.68	26.395	507.52	0	
"2012-08-17	16:00:00"	12.87	76.65	43.48	33.21	9.71	76.21	45.98	28.43	81	80.8	0.209	51.1	53.44	26.371	117.56	0.26	
"2012-08-17	17:00:00"	9.54	49.72	22.48	17.1	7.387	49.49	25.16	14.12	77.27	76.94	0.33	61.75	63.79	26.364	41.134	0	
"2012-08-17	18:00:00"	9.92	22.36	13.12	15.31	7.625	22.66	17	13.52	74.45	74.16	0.29	69.26	71.42	26.356	21.716	0	
"2012-08-17	19:00:00"	10.02	323.2	46.7	16.51	6.955	324.8	45.67	14.72	75.98	74.69	1.283	62.54	67.51	26.371	15.008	0.03	
"2012-08-17	20:00:00"	9.83	34.49	17.45	15.31	7.224	35.07	21.18	12.33	73.21	72.52	0.691	71.75	74.83	26.373	14.262	0.01	
"2012-08-17	21:00:00"	12.21	188.7	61.43	30.22	9.64	192.8	56.48	25.45	71.15	71.03	0.126	78.32	79.24	26.4	1.9339	0.01	
"2012-08-17	22:00:00"	17.08	149.2	11.61	27.24	14.03	148.7	11.56	24.26	68.11	68.19	-0.073	84.6	84.4	26.412	0.00019	0	
"2012-08-17	23:00:00"	15.19	138.1	8.44	23.66	11.94	139.1	8.72	18.3	70.39	70.17	0.223	77.14	77.72	26.4	0	0.01	
"2012-08-18	00:00:00"	9.02	158.1	17.03	17.7	7.11	158.2	18.29	14.72	71.04	70.83	0.211	76.99	77.48	26.405	0	0	
"2012-08-18	01:00:00"	9.22	197.4	12.97	15.31	7.181	199	13.54	12.33	70.52	70.38	0.147	80.3	80.5	26.398	0	0	
"2012-08-18	02:00:00"	10.56	180.2	20.31	18.89	8.45	180.7	21.73	15.91	70.08	70	0.077	81.3	81.2	26.402	0	0	
"2012-08-18	03:00:00"	8.71	198.1	11.69	14.72	7	197.1	12.23	12.33	68.54	68.49	0.05	85.7	85.5	26.401	0	0	
"2012-08-18	04:00:00"	6.754	235.3	18.22	9.95	5.135	239.9	21.41	8.16	67.85	67.75	0.098	88.1	87.9	26.395	0	0	
"2012-08-18	05:00:00"	5.517	199.4	14.92	9.35	4.135	198.6	15.34	6.964	67.33	67.19	0.145	88.4	88.2	26.396	0	0	
"2012-08-18	06:00:00"	3.642	191.1	17.42	6.368	1.88	189.2	19.7	4.578	66.71	66.55	0.164	90.1	89.9	26.386	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2012-08-18	07:00:00"	3.168	213	86.7	6.368	1.708	201.1	87.8	3.982	66.36	65.65	0.714	91	90.7	26.382	0.22997		0	
"2012-08-18	08:00:00"	1.658	23.65	41.53	3.386	1	12.29	30.08	1.596	65.78	64.47	1.313	91.7	91.6	26.392	23.534		0	
"2012-08-18	09:00:00"	5.142	187.6	17.69	9.35	3.673	191.2	41.62	7.561	66.96	67.04	-0.086	92	91.3	26.389	143.59		0	
"2012-08-18	10:00:00"	9.16	193.9	15.75	16.51	7.473	193.4	17.62	14.12	69.32	69.92	-0.6	86.3	84.6	26.383	362.24		0	
"2012-08-18	11:00:00"	10.49	201	14.91	16.51	8.68	202	17.28	13.52	72.76	73.6	-0.839	75.48	74.26	26.374	588.47		0	
"2012-08-18	12:00:00"	9.09	201.5	18.48	15.31	7.477	203	22.02	13.52	74.82	75.97	-1.157	71.52	69.84	26.366	756.79		0	
"2012-08-18	13:00:00"	6.966	205.6	31.73	14.12	5.885	206.1	35.9	12.93	77.07	78.1	-1.025	66.62	64.64	26.36	829.23		0	
"2012-08-18	14:00:00"	4.974	214.6	57.8	12.93	4.399	217.7	63.83	10.54	79.55	80.6	-1.037	59.3	56.96	26.344	879.9		0	
"2012-08-18	15:00:00"	6.074	141.7	34.1	13.52	5.167	143.9	37.82	12.33	81.4	82.5	-1.085	54.12	51.59	26.323	733.42		0	
"2012-08-18	16:00:00"	7.409	150.5	28.86	16.51	6.262	151.3	31.38	14.72	83.2	84.5	-1.323	48.74	45.92	26.296	852.22		0	
"2012-08-18	17:00:00"	8.11	158.8	38.86	15.31	6.897	159.6	40.98	14.12	84.4	85.9	-1.462	45.29	42.23	26.273	742.48		0	
"2012-08-18	18:00:00"	7.338	151.8	34.76	14.72	6.164	151	37.58	12.93	85.5	86.6	-1.09	43.08	40.43	26.254	513.37		0	
"2012-08-18	19:00:00"	6.49	161.7	32.82	14.12	5.482	163.2	32.69	11.74	86.1	86.9	-0.794	41.08	38.92	26.24	333.84		0	
"2012-08-18	20:00:00"	6.023	172.2	32.11	11.74	4.996	172.5	30.87	11.14	85.9	86.3	-0.414	40.32	38.81	26.245	149.82		0	
"2012-08-18	21:00:00"	4.918	156.5	11.35	8.16	3.932	156.3	12.87	7.561	85	84.9	0.023	42.5	41.91	26.253	6.6699		0	
"2012-08-18	22:00:00"	4.785	134.1	14.39	6.964	3.097	127.8	17.42	5.175	83	82.3	0.629	48.15	50.27	26.276	0		0	
"2012-08-18	23:00:00"	9	131.6	8.12	14.12	6.635	132.3	8.71	11.74	80.5	80.1	0.414	55.03	55.26	26.301	0		0	
"2012-08-19	00:00:00"	9.51	125.4	15.82	13.52	7.244	125.5	17.28	11.74	78.83	78.55	0.281	59.24	58.91	26.336	0		0	
"2012-08-19	01:00:00"	16.44	67.69	24.21	29.63	12.76	69.09	24.62	24.26	74.77	74.73	0.037	67.1	66.34	26.361	0.00268		0.04	
"2012-08-19	02:00:00"	12.76	128.9	45.93	34.4	10.01	129.9	48.26	28.43	71.5	70.74	0.764	61	64.4	26.348	0.00067		0.01	
"2012-08-19	03:00:00"	5.394	307.4	81.5	15.31	3.785	293.2	88.1	13.52	70.8	70.34	0.462	66.82	68.84	26.352	0		0	
"2012-08-19	04:00:00"	4.586	264.5	94.2	11.74	3.209	255.7	100.5	9.35	70.2	69.66	0.539	73.45	76.76	26.352	0		0.01	
"2012-08-19	05:00:00"	7.716	34.17	9.36	12.33	5.84	35.76	12.1	9.35	69.11	68.67	0.448	78.46	80.5	26.362	0		0	
"2012-08-19	06:00:00"	9.67	41.4	15.9	14.72	7.428	42.86	17.37	12.33	68.53	68.32	0.206	86.2	86.6	26.367	0		0	
"2012-08-19	07:00:00"	10.77	62	8.51	16.51	8.14	65.56	10.61	14.72	67.47	67.42	0.05	89.1	88.9	26.379	0		0	
"2012-08-19	08:00:00"	10.04	65.37	9.5	14.72	7.703	68.22	10.12	12.33	66.29	66.32	-0.027	90.3	89.9	26.392	24.536		0	
"2012-08-19	09:00:00"	11.08	75.09	9.21	15.31	8.97	76.12	10.35	13.52	67.42	67.71	-0.287	88	87	26.404	168.87		0	
"2012-08-19	10:00:00"	11.34	93	8.75	15.91	9.22	93.4	10.71	14.72	67.59	67.94	-0.352	89.3	88.9	26.426	142.7		0	
"2012-08-19	11:00:00"	8.07	92.8	15.18	12.93	6.623	93.1	17.6	11.14	68.05	68.54	-0.495	90.9	89.8	26.453	140.9		0	
"2012-08-19	12:00:00"	5.234	94.6	37.34	10.54	4.391	96.5	35.59	9.35	69.79	70.26	-0.477	85	83.8	26.461	270.33		0	
"2012-08-19	13:00:00"	4.492	36.39	53.85	11.74	4.054	38.32	59.66	9.95	72.95	74.1	-1.149	77.24	75.25	26.455	620.38		0	
"2012-08-19	14:00:00"	11.21	11.52	12.47	19.49	9.14	9.99	16.84	17.1	74.8	75.95	-1.151	72.78	70.87	26.453	319.97		0	
"2012-08-19	15:00:00"	15.81	44	26.09	24.86	12.61	44.98	28.03	20.09	71.33	72.04	-0.704	74.94	73.3	26.441	250.46		0	
"2012-08-19	16:00:00"	13.76	67.59	10.59	20.68	10.8	69.33	12.02	17.1	71.77	72.36	-0.593	61.51	60.07	26.413	288.44		0	
"2012-08-19	17:00:00"	13.66	78.03	16.03	20.09	11.22	79.91	16.84	18.3	79.16	80.2	-1.084	44.79	42.54	26.374	707.56		0	
"2012-08-19	18:00:00"	11.44	104.9	15.35	17.7	9.45	105.8	17.52	16.51	82	83	-1.022	36.89	35.06	26.363	509.2		0	
"2012-08-19	19:00:00"	13.4	98.9	16.33	19.49	10.85	99.5	18.13	16.51	82.5	83.1	-0.669	35.79	34.11	26.362	326.2		0	
"2012-08-19	20:00:00"	10.94	83.5	12.82	17.1	8.66	84.3	13.74	15.31	79.75	79.91	-0.161	41.46	40.15	26.372	116.44		0	
"2012-08-19	21:00:00"	7.007	68.4	9.14	8.75	4.869	69.88	10.41	6.964	75.32	74.96	0.361	52.28	52.13	26.377	7.7703		0	
"2012-08-19	22:00:00"	7.47	66.77	10.7	10.54	5.2	67.35	11.37	7.561	71.93	71.6	0.328	63.56	63.58	26.397	0		0	
"2012-08-19	23:00:00"	6.983	81.4	7.799	9.35	4.636	76.41	10.64	6.368	70.09	69.56	0.53	68.47	69.47	26.423	0		0	
"2012-08-20	00:00:00"	5.933	93.7	14.88	7.561	3.194	79.91	15.56	5.175	69.99	68.65	1.346	69.71	73.26	26.441	0		0	
"2012-08-20	01:00:00"	6.089	90.2	12.84	8.16	3.385	70.49	16.86	5.771	70.59	68.15	2.437	67.13	73.78	26.441	0		0	
"2012-08-20	02:00:00"	7.827	135.1	16.72	12.33	5.083	133	20.98	9.35	70.48	68.87	1.609	65.51	69.89	26.443	0		0	
"2012-08-20	03:00:00"	8.3	157.7	9.12	12.93	6.408	154.9	9.09	9.95	69.62	69.11	0.504	67.46	68.12	26.432	0		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-20	04:00:00"	5.904	162.6	9.34	9.95	4.183	159.2	10.28	6.964	69.08	68.37	0.708	67.23	68.61	26.425	0
"2012-08-20	05:00:00"	3.077	135.6	50.35	6.964	2.175	84.3	63.99	5.175	68.62	66.89	1.728	67.63	71	26.423	0
"2012-08-20	06:00:00"	5.433	53.51	5.232	7.561	3.539	48.51	10.47	5.771	65.73	63.32	2.409	74.68	80.7	26.43	0
"2012-08-20	07:00:00"	6.056	37.97	11.16	8.16	4.342	33.18	15.32	6.368	63.05	61.97	1.082	81.6	83.9	26.434	0
"2012-08-20	08:00:00"	7.375	56.64	7.482	9.95	4.872	56.63	9.97	6.964	63.2	62.68	0.52	81.7	82.7	26.444	22.096
"2012-08-20	09:00:00"	5.823	89.5	13.74	8.16	4.582	88	15.46	6.368	66.43	66.56	-0.129	77.24	76.76	26.452	173.06
"2012-08-20	10:00:00"	6.836	130.5	13.83	11.14	5.726	133.1	14.94	10.54	71.58	72.11	-0.533	68.6	67.15	26.457	378.34
"2012-08-20	11:00:00"	7.528	152	16.91	12.93	6.423	151.9	17.6	11.74	74.56	75.37	-0.813	62.93	60.72	26.457	575.61
"2012-08-20	12:00:00"	7.127	169	24.22	12.33	6.04	168.7	27.37	11.74	77.64	78.69	-1.044	56.39	53.75	26.454	745.33
"2012-08-20	13:00:00"	7.978	183.7	20.37	15.91	6.734	183.9	25.24	14.12	80.8	82.2	-1.415	49.36	46.22	26.437	864.32
"2012-08-20	14:00:00"	9.06	195	22.23	18.3	7.66	195.9	27.28	16.51	83.8	85.4	-1.657	42.89	39.72	26.413	921.54
"2012-08-20	15:00:00"	8.03	193.2	25.48	17.7	7.404	193.8	27.96	16.51	86.1	87.7	-1.615	36.42	33.78	26.391	828.32
"2012-08-20	16:00:00"	8.41	204.4	27.41	17.7	7.849	207.4	31.93	15.91	87.8	89.5	-1.694	32.94	30.3	26.367	878.48
"2012-08-20	17:00:00"	9.58	184	31.4	21.28	8.61	183	33.52	18.3	88.5	90	-1.504	32.16	29.67	26.341	720.4
"2012-08-20	18:00:00"	12.9	173.1	15.87	20.68	10.76	172.1	18.62	18.89	89.1	90.5	-1.367	31.61	29.21	26.324	517.32
"2012-08-20	19:00:00"	13.24	184	10.38	19.49	10.75	184.6	13.66	17.1	88.8	89.6	-0.725	29.29	27.37	26.301	248.71
"2012-08-20	20:00:00"	13.09	178.6	8.27	18.3	10.52	177.8	10.9	15.91	88.2	88.4	-0.247	29.89	28.3	26.299	115.88
"2012-08-20	21:00:00"	10.32	170.5	6.605	15.91	8.06	168.7	8.91	11.74	84.6	84.3	0.269	33.48	32.53	26.312	5.4541
"2012-08-20	22:00:00"	10.58	169.1	8.22	16.51	8.3	167.8	9.86	13.52	81.9	81.6	0.288	36.11	35.25	26.327	0
"2012-08-20	23:00:00"	13.05	168.4	7.515	18.89	10.22	167.9	9.54	16.51	80.7	80.5	0.285	33.78	32.83	26.343	0
"2012-08-21	00:00:00"	14.57	170.9	6.792	19.49	11.29	169.9	9.5	17.1	80.8	80.5	0.334	31.71	30.69	26.351	0
"2012-08-21	01:00:00"	14.06	159.9	71.2	25.45	11.1	159.6	72.66	21.28	80.6	80.3	0.294	32.44	31.34	26.371	0
"2012-08-21	02:00:00"	5.54	133.2	50.11	28.43	5.004	128.5	53.54	26.65	81.2	80.6	0.6	30.92	30.5	26.387	0
"2012-08-21	03:00:00"	5.741	95.7	25.76	10.54	4.621	93.1	25.45	8.16	77.52	76.8	0.715	42.36	42.2	26.379	0
"2012-08-21	04:00:00"	6.42	103.4	10.18	11.14	4.907	100.2	11.87	9.35	73.4	73.33	0.07	58.69	58.08	26.368	0
"2012-08-21	05:00:00"	11.83	61.39	21.52	22.47	9.34	62.09	21.13	21.87	72.39	72.38	0.016	62.97	61.95	26.377	0
"2012-08-21	06:00:00"	12.03	88.3	7.387	17.7	9.49	88.8	9.23	14.72	70.1	70.26	-0.158	73.93	72.41	26.368	0
"2012-08-21	07:00:00"	10.31	93.5	7.202	14.12	8.26	93.7	8.23	11.74	68.86	69.02	-0.161	77.19	75.78	26.363	0
"2012-08-21	08:00:00"	11.79	96.6	10.14	16.51	9.4	97.1	11.81	14.72	68.28	68.46	-0.182	79.19	77.75	26.364	10.595
"2012-08-21	09:00:00"	11.48	100.9	11.4	15.91	9.18	102.4	13.24	13.52	68.33	68.64	-0.316	79.91	78.29	26.367	111.29
"2012-08-21	10:00:00"	10.75	122.8	9.05	15.31	8.68	124	11.94	13.52	71.97	72.72	-0.744	68.68	66.32	26.374	266.18
"2012-08-21	11:00:00"	10.73	122.4	12.46	16.51	8.84	124.2	14.77	13.52	75.4	76.43	-1.03	60.09	57.2	26.385	500.04
"2012-08-21	12:00:00"	7.48	100.3	26.61	14.72	6.341	102.9	28.97	11.74	78.87	80.2	-1.37	51.86	48.43	26.398	746.31
"2012-08-21	13:00:00"	10.53	76.05	27.97	21.87	8.82	76.77	29.65	18.89	81	82.6	-1.562	50	46.15	26.397	860.57
"2012-08-21	14:00:00"	15.02	68.99	14.33	22.47	12.48	71.38	15.32	18.89	81.3	83.3	-2.028	52.55	47.91	26.393	896.66
"2012-08-21	15:00:00"	15.49	69.62	11.44	24.26	12.72	71.65	12.57	20.09	81.5	83.3	-1.744	52.79	48.5	26.389	702.01
"2012-08-21	16:00:00"	16.03	66.88	13.17	24.26	13.09	69.07	14.17	20.68	82.1	84.1	-2.046	51.16	46.5	26.378	863.7
"2012-08-21	17:00:00"	15.36	72.02	13.06	23.66	12.65	73.95	13.79	21.28	83.3	85.1	-1.745	47.23	43.07	26.365	713.66
"2012-08-21	18:00:00"	15.6	75.52	11.08	22.47	12.76	76.41	12.08	19.49	83.7	85.2	-1.454	45.24	41.51	26.361	531.6
"2012-08-21	19:00:00"	16.09	73.97	9.61	23.66	12.84	74.94	10.69	20.68	82.6	83.4	-0.813	45.78	42.87	26.364	164.76
"2012-08-21	20:00:00"	15.58	73.43	9.09	22.47	12.44	74.72	9.92	18.89	80.7	81	-0.345	48.1	45.87	26.372	74.424
"2012-08-21	21:00:00"	13.88	77.23	7.404	20.68	11.07	76.73	8.82	17.1	77.89	78	-0.106	51.91	50.1	26.388	5.8907
"2012-08-21	22:00:00"	11.88	75.98	7.244	16.51	9.47	75.85	8.56	14.12	75.69	75.73	-0.04	56.14	54.55	26.407	0
"2012-08-21	23:00:00"	13.22	78.57	7.31	19.49	10.48	78.04	8.88	16.51	74.1	74.14	-0.041	58.99	57.45	26.42	0
"2012-08-22	00:00:00"	13.59	80.3	7.223	19.49	10.69	79.71	8.93	16.51	72.15	72.19	-0.041	62.46	61.01	26.426	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-08-22	01:00:00"	12.72	82.8	8.09	17.7	10.12	82.2	9.94	15.31	71.12	71.21	-0.093	65.21	63.74	26.432	0	0
"2012-08-22	02:00:00"	13.39	82.4	8.59	19.49	10.56	82.7	9.97	16.51	70.47	70.6	-0.132	68.59	67.08	26.428	0	0
"2012-08-22	03:00:00"	11.49	71.95	8.03	15.91	9.2	73.38	8.94	14.12	68.76	68.89	-0.127	74.34	72.9	26.426	0	0
"2012-08-22	04:00:00"	11.63	78.36	7.478	15.91	9.17	78.36	8.94	13.52	66.81	66.9	-0.091	80.5	79.18	26.42	0	0
"2012-08-22	05:00:00"	10.49	79.6	7.132	14.72	8.2	78.84	8.64	12.33	65.24	65.34	-0.099	83.9	82.7	26.418	0	0
"2012-08-22	06:00:00"	9.64	79.79	7.318	14.12	7.608	78.63	8.63	11.14	64.39	64.49	-0.098	84.7	83.6	26.424	0	0
"2012-08-22	07:00:00"	9.9	73.89	8.32	14.72	7.834	74.33	8.95	12.33	63.68	63.78	-0.096	87.7	86.7	26.435	0	0
"2012-08-22	08:00:00"	10.34	78.29	7.874	14.12	8.13	78.25	9.55	12.33	64.58	64.65	-0.075	86.8	85.7	26.446	13.822	0
"2012-08-22	09:00:00"	11.02	81.7	8.23	15.31	8.8	81.1	9.96	12.93	65.4	65.77	-0.367	84.5	82.8	26.452	134.09	0
"2012-08-22	10:00:00"	10.8	97.7	11.64	15.91	9.04	98.3	13.63	14.12	67.37	68.24	-0.871	78.95	76.18	26.459	366.03	0
"2012-08-22	11:00:00"	7.912	111.1	17.32	14.72	6.64	111.4	20.49	12.93	70.03	71.18	-1.15	72.31	69.03	26.46	563.35	0
"2012-08-22	12:00:00"	7.132	119	22.71	14.72	6.161	119.2	23.97	14.72	73.14	74.36	-1.221	65.07	61.62	26.458	736.91	0
"2012-08-22	13:00:00"	6.938	113	29.54	13.52	5.938	113.3	32.17	13.52	76.14	77.72	-1.585	58.54	54.56	26.447	858.06	0
"2012-08-22	14:00:00"	7.668	128.2	27.76	14.72	6.597	130	31.54	13.52	79.45	81.2	-1.729	51.45	47.38	26.428	945.84	0
"2012-08-22	15:00:00"	8.57	134.4	31.16	20.09	7.386	135.9	33.65	20.09	82.8	84.7	-1.893	45.71	41.61	26.406	907.8	0
"2012-08-22	16:00:00"	8.28	162.2	29.77	18.3	7.299	163.8	32.82	15.31	84.9	86.7	-1.755	40.24	36.98	26.384	844.86	0
"2012-08-22	17:00:00"	4.802	154.9	54.74	12.93	4.956	152.5	59.76	11.74	86.4	87.7	-1.295	37.25	34.59	26.365	617.29	0
"2012-08-22	18:00:00"	4.737	115.2	92.3	11.74	4.71	123.5	93.1	9.95	87.4	88.5	-1.091	36.29	33.83	26.347	368.83	0
"2012-08-22	19:00:00"	5.665	127	32.4	14.12	5.541	127.1	34.22	13.52	88.1	89	-0.84	35.15	32.93	26.336	244.07	0
"2012-08-22	20:00:00"	4.867	131.5	32.66	11.74	4.47	132.6	34.45	11.14	88	88.3	-0.297	34.74	33.02	26.334	47.665	0
"2012-08-22	21:00:00"	4.357	98.6	21.5	10.54	3.439	102.4	23.26	8.75	86.5	86.5	0.016	37.51	36.52	26.338	1.3103	0
"2012-08-22	22:00:00"	7.464	101.7	20.29	11.74	5.764	104.3	23.03	9.95	85.3	85.2	0.081	38.21	37.01	26.348	0	0
"2012-08-22	23:00:00"	14.55	166.7	15.33	23.66	11.47	166.1	15.72	18.89	81.9	82	-0.074	45.55	43.96	26.361	0	0
"2012-08-23	00:00:00"	15.95	168.4	8.32	24.26	12.75	167.8	10.25	19.49	81	81	-0.025	44.22	42.57	26.363	0	0
"2012-08-23	01:00:00"	13.6	163.5	9.46	19.49	10.85	162.9	11.17	17.1	80.3	80.3	-0.008	45.7	44.04	26.366	0	0
"2012-08-23	02:00:00"	13.01	166.2	8.62	20.68	10.28	165.9	10.59	16.51	78.66	78.64	0.022	49.91	48.36	26.368	0	0
"2012-08-23	03:00:00"	13.03	168.5	7.811	19.49	10.35	168.1	9.88	17.1	77.75	77.76	-0.005	53.13	51.61	26.364	0	0
"2012-08-23	04:00:00"	14.28	174.3	7.179	20.09	11.26	174	9.65	16.51	77.27	77.25	0.021	53.82	52.37	26.357	0	0
"2012-08-23	05:00:00"	12.75	173.1	11.08	17.7	10.17	172	13.15	15.91	75.78	75.63	0.151	58.54	58.26	26.356	0	0.04
"2012-08-23	06:00:00"	6.612	127.5	23.25	14.72	5.154	123.5	33.54	13.52	73.2	72.71	0.489	68.16	70.36	26.374	0	0
"2012-08-23	07:00:00"	7.077	114.3	18.64	11.14	5.245	111.4	22.45	9.35	72.52	72.14	0.382	71.06	72.86	26.38	0	0
"2012-08-23	08:00:00"	9.15	129.9	7.55	14.12	6.837	131.2	8.71	11.74	71.8	71.5	0.302	73.87	75.14	26.377	5.3286	0
"2012-08-23	09:00:00"	11.64	151.1	11.56	18.3	9.5	150.8	11.15	15.31	71.98	71.87	0.11	71.94	72.13	26.377	60.071	0
"2012-08-23	10:00:00"	12.81	158.5	9.53	20.68	10.62	157.3	10.32	17.7	73.33	73.39	-0.063	68.09	67.84	26.379	196.55	0
"2012-08-23	11:00:00"	15.83	166.6	10.81	23.66	12.8	165.7	12.69	18.89	76.52	76.9	-0.385	60.39	59.26	26.382	317.78	0
"2012-08-23	12:00:00"	16.9	171.8	7.318	23.07	13.49	171.4	9.75	19.49	78.36	78.72	-0.359	56.63	55.17	26.38	248.99	0
"2012-08-23	13:00:00"	14.47	169.4	9.57	24.26	11.6	167.7	11.48	19.49	79.63	79.84	-0.207	54.35	53	26.373	176.6	0
"2012-08-23	14:00:00"	12.65	160.9	16.56	20.09	10.37	160.2	17.27	17.7	82.9	83.5	-0.653	47.12	45.13	26.364	415.79	0
"2012-08-23	15:00:00"	13.12	171.4	14.7	22.47	10.68	170.3	16.84	18.3	86.7	87.8	-1.115	38.26	36.12	26.347	574.43	0
"2012-08-23	16:00:00"	12.27	190.2	15.46	20.68	9.9	191	18.85	17.7	87.5	88.4	-0.896	35.76	33.73	26.327	368.09	0
"2012-08-23	17:00:00"	13.81	166	12.96	22.47	11.43	165.2	14.55	20.09	89.1	90.2	-1.071	35.07	32.87	26.297	632.91	0
"2012-08-23	18:00:00"	13.57	177	13.42	23.66	11.04	176.6	17.23	21.28	90	91.2	-1.143	33.22	30.93	26.275	461.52	0
"2012-08-23	19:00:00"	14.4	173.2	11.83	22.47	11.55	172.2	14.04	19.49	89.9	90.5	-0.619	32.93	31.02	26.265	260.16	0
"2012-08-23	20:00:00"	13.82	152.6	10.01	20.68	11.5	151.7	10.27	19.49	88.5	88.6	-0.115	34.13	32.53	26.259	71.393	0
"2012-08-23	21:00:00"	11.99	140.1	7.155	18.89	9.59	140.3	7.716	15.31	86.3	86	0.212	37.4	36.19	26.272	2.7083	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2012-08-23	22:00:00"	10.88	257.2	75.8	22.47	7.638	262.6	78.23	15.91	82.7	82	0.703	44.16	45.39	26.31	0	0.03		
"2012-08-23	23:00:00"	9.23	8.42	82.4	17.1	6.32	13.33	79.35	14.12	74.99	73.23	1.762	63.52	70.73	26.36	0.00134	0.11		
"2012-08-24	00:00:00"	10.95	130.5	38.56	24.86	8.06	131.5	39.61	18.3	72.93	72.31	0.627	70.78	73.73	26.371	0	0		
"2012-08-24	01:00:00"	12.6	218.3	14.93	23.66	10.29	217.4	17.12	20.09	71.32	71.2	0.122	78.86	79.2	26.392	0	0.03		
"2012-08-24	02:00:00"	8.88	202	14.77	12.93	7.404	201.6	15.65	11.14	70.44	70.33	0.101	83.5	83.5	26.376	0	0		
"2012-08-24	03:00:00"	9.76	168	10.57	15.31	7.9	167.2	12.38	14.12	69.69	69.71	-0.022	84.6	84.5	26.35	0	0		
"2012-08-24	04:00:00"	2.136	183.7	36.68	9.95	2.41	186.8	47.02	7.561	69.12	69.14	-0.017	84.5	84.3	26.33	0	0.01		
"2012-08-24	05:00:00"	1.025	173.7	28.86	3.386	1.989	174	31.36	5.175	68.99	68.99	0.001	83.2	83.1	26.31	0	0		
"2012-08-24	06:00:00"	1	212.2	65.9	1	1.77	237.8	81.8	4.578	68.63	68.46	0.172	84.6	85.2	26.3	0	0		
"2012-08-24	07:00:00"	1.782	238.4	17.74	5.175	2.371	244.5	21.57	4.578	68.15	68.05	0.102	87.1	87.1	26.306	0	0		
"2012-08-24	08:00:00"	3.754	218.2	12.62	9.35	3.403	219.3	12.89	7.561	67.99	67.86	0.126	86.7	86.6	26.309	14.147	0		
"2012-08-24	09:00:00"	6.023	234.1	13.79	9.95	5.153	237.6	15.87	9.35	68.85	68.91	-0.057	84.9	84.5	26.317	121.34	0		
"2012-08-24	10:00:00"	6.363	224	14.22	11.74	5.538	225.7	15.73	11.14	71.62	71.89	-0.269	77.97	77.39	26.321	291.33	0		
"2012-08-24	11:00:00"	9.14	214.4	15.16	15.31	7.711	213.6	18.13	13.52	75.31	75.96	-0.645	67.99	67.05	26.318	551.24	0		
"2012-08-24	12:00:00"	10.14	210.7	16.93	17.1	8.42	211.5	20	14.72	77.7	78.75	-1.05	62.36	60.77	26.315	765.5	0		
"2012-08-24	13:00:00"	8.97	209	18.97	19.49	7.55	211.4	22.9	15.91	80.2	81.5	-1.255	57.49	55.09	26.304	860.39	0		
"2012-08-24	14:00:00"	9.19	201.9	26.93	15.91	7.745	202.8	30.78	15.31	82.7	84.3	-1.551	51.27	48.31	26.281	946.5	0		
"2012-08-24	15:00:00"	9.87	188.1	21.32	18.89	8.28	187.5	24.62	15.31	85.1	86.7	-1.596	46.06	42.9	26.259	908.99	0		
"2012-08-24	16:00:00"	9.96	204.5	25.13	18.3	8.39	204.8	28.65	15.91	87.7	89.4	-1.697	41.02	38.07	26.233	863.34	0		
"2012-08-24	17:00:00"	11.99	211.7	18.69	21.28	9.99	211.6	22.48	18.89	90	91.5	-1.504	34.87	32.39	26.206	744.71	0		
"2012-08-24	18:00:00"	11.18	226.7	30.69	23.07	9.32	229.8	34.06	20.68	91.4	92.6	-1.196	30.25	28.13	26.184	493.63	0		
"2012-08-24	19:00:00"	14.33	228.7	18.41	24.26	11.7	229.8	21.45	21.87	91.6	92	-0.438	28.87	27.13	26.175	192.48	0		
"2012-08-24	20:00:00"	12.56	207.1	14.7	20.09	10.28	206.2	16.13	16.51	90.9	91.1	-0.165	30.56	29.01	26.172	150.31	0		
"2012-08-24	21:00:00"	18.3	178.5	8.19	28.43	14.52	178	10.41	24.26	82.9	82.9	-0.046	45.58	44.01	26.186	8.5391	0		
"2012-08-24	22:00:00"	10.9	179.8	8	17.1	8.86	179.5	11.55	14.72	79.45	79.38	0.068	51.52	50.3	26.21	0	0		
"2012-08-24	23:00:00"	9.83	179	8.04	14.12	7.784	179	10.1	12.33	77.52	77.39	0.128	56.19	55.22	26.226	0	0		
"2012-08-25	00:00:00"	14.09	178	8.28	20.09	11.01	178.2	10.98	17.1	76.83	76.65	0.183	56.8	55.89	26.229	0	0		
"2012-08-25	01:00:00"	16.37	187.6	9.34	29.03	12.92	189	12.92	26.65	76.3	76.21	0.083	58.32	57.21	26.231	0	0		
"2012-08-25	02:00:00"	17.1	186.2	8.92	27.24	13.56	187.9	12.6	22.47	74.89	74.9	-0.015	61.59	60.36	26.225	0	0		
"2012-08-25	03:00:00"	15.91	189	9.14	26.05	12.53	190.7	12.57	21.87	74.68	74.6	0.083	61.61	60.56	26.222	0	0		
"2012-08-25	04:00:00"	15.85	190.2	8.67	25.45	12.31	192.2	12.38	22.47	73.74	73.6	0.143	61.94	61.02	26.219	0	0		
"2012-08-25	05:00:00"	13.98	190.6	10.86	24.26	11.06	192.3	13.51	20.09	72.09	71.98	0.113	67.9	67.03	26.22	0	0		
"2012-08-25	06:00:00"	13.08	189.6	8.48	19.49	10.25	192	12.01	16.51	70.87	70.74	0.132	70.62	69.9	26.222	0	0		
"2012-08-25	07:00:00"	12.7	184.4	8.83	21.87	10.07	185.7	12.14	17.1	70.28	70.13	0.146	71.59	70.9	26.227	0	0		
"2012-08-25	08:00:00"	9.34	186.3	9.8	14.72	7.443	187.6	12.86	12.93	69.02	68.93	0.089	75.89	75.18	26.239	18.492	0		
"2012-08-25	09:00:00"	11.82	191.3	9.01	18.3	9.41	193.3	12.39	15.31	70.43	70.67	-0.242	73.65	72.31	26.243	174.03	0		
"2012-08-25	10:00:00"	11.55	206.4	13.42	17.1	9.51	204.7	15.25	14.72	75.1	75.69	-0.596	61.13	59.01	26.245	379.74	0		
"2012-08-25	11:00:00"	11.07	216.2	13.92	17.1	9.2	216.9	17.47	15.31	79.14	80	-0.887	50.03	47.43	26.245	582.7	0		
"2012-08-25	12:00:00"	9.07	221.3	22.78	15.31	7.539	224	26.58	12.93	82.2	83.6	-1.398	43.16	40.18	26.246	755.47	0		
"2012-08-25	13:00:00"	8.88	218.3	25.97	21.28	7.467	219.2	29.5	18.89	85.3	86.9	-1.599	37	34.34	26.246	872.52	0		
"2012-08-25	14:00:00"	7.305	214.8	34.71	14.72	6.359	218.6	39.3	12.93	87.8	89.4	-1.555	33.02	30.45	26.239	935.78	0		
"2012-08-25	15:00:00"	7.775	215.6	54.22	16.51	6.789	217	54.86	15.31	89.5	91.1	-1.654	30.82	28.2	26.226	849.4	0		
"2012-08-25	16:00:00"	10.33	159.1	40.49	18.3	8.61	159.5	41.42	16.51	90.6	92.5	-1.959	29.83	27.03	26.208	930.28	0		
"2012-08-25	17:00:00"	9.19	127.4	23.58	17.1	7.738	127.4	25.78	15.91	91.5	92.9	-1.422	27.85	25.38	26.195	518.27	0		
"2012-08-25	18:00:00"	5.698	52.83	69.77	11.14	4.887	52.22	72.16	10.54	91.6	92.7	-1.104	27.34	25.12	26.183	414.66	0		

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-25	19:00:00"	4.833	349.4	59.67	11.74	3.995	349.8	64.06	11.14	91.6	92.7	-1.078	27.99	25.81	26.182	225.02	0	
"2012-08-25	20:00:00"	5.552	77.11	44.37	9.35	4.543	78.68	44.95	8.16	91.4	91.7	-0.279	27.46	25.88	26.187	72.251	0	
"2012-08-25	21:00:00"	7.521	123.3	38.5	20.68	5.626	122.8	39.57	17.7	87.9	87.8	0.121	34.84	33.85	26.215	2.4602	0	
"2012-08-25	22:00:00"	8.34	178.6	10.08	12.93	6.763	179.1	13.63	11.14	83.5	83.6	-0.099	44.94	43.24	26.256	0	0	
"2012-08-25	23:00:00"	8.22	158.6	13.44	12.93	6.674	157.1	13.57	11.74	81.5	81.5	-0.069	48.21	46.61	26.278	0	0	
"2012-08-26	00:00:00"	9.66	157.9	11.4	17.1	7.915	156.5	11.94	14.72	80.5	80.5	-0.057	48.96	47.38	26.285	0	0	
"2012-08-26	01:00:00"	11.72	174.6	7.051	18.3	9.14	173.5	9.48	14.72	78.59	78.58	0.012	50.41	48.94	26.296	0	0	
"2012-08-26	02:00:00"	7.354	167.5	20.59	12.33	5.806	166.2	21.71	11.14	76.16	76.09	0.071	55.41	54.16	26.298	0	0	
"2012-08-26	03:00:00"	7.733	145.4	16.14	14.72	5.925	144.2	17.14	11.74	75	74.83	0.176	61.12	60.15	26.295	0	0	
"2012-08-26	04:00:00"	7.864	133.8	15.75	11.74	6.09	132.7	17.31	9.35	74.65	74.45	0.203	63.23	62.38	26.29	0	0	
"2012-08-26	05:00:00"	6.62	93.8	9.47	8.75	4.374	87.3	8.89	6.368	72.06	71.47	0.586	69.2	69.38	26.301	0	0	
"2012-08-26	06:00:00"	7.013	78.1	7.381	9.35	4.85	74.26	8.92	6.964	70.26	69.97	0.294	73.89	73.56	26.313	0	0	
"2012-08-26	07:00:00"	7.452	88	11.25	9.95	5.002	83.6	13.71	7.561	69.55	69.12	0.428	75.41	75.41	26.324	0	0	
"2012-08-26	08:00:00"	9.88	65.5	10.47	15.91	7.504	66.85	11.97	13.52	68.91	68.85	0.063	76.86	76.07	26.353	18.138	0	
"2012-08-26	09:00:00"	11.2	87.8	8.37	17.1	8.99	87.3	10.11	14.12	71.36	71.72	-0.358	70.21	68.61	26.372	173.86	0	
"2012-08-26	10:00:00"	12.86	110.9	13.35	18.89	10.48	112.4	15.39	15.31	74.69	75.56	-0.869	60.6	57.95	26.392	390.23	0	
"2012-08-26	11:00:00"	13.01	126.9	12.62	18.89	10.61	128.4	13.51	16.51	75.98	77.32	-1.342	61.25	57.67	26.403	488.15	0	
"2012-08-26	12:00:00"	10.29	138.5	20.8	15.31	8.69	139.5	21.24	14.12	78.83	80.4	-1.525	56.32	52.53	26.41	789.61	0	
"2012-08-26	13:00:00"	9.68	133	21.95	16.51	8.2	134.2	22.96	13.52	82.1	83.8	-1.676	52.36	48.34	26.41	835.88	0	
"2012-08-26	14:00:00"	9.55	125.1	26.57	17.7	8.11	126.8	27.76	15.91	84.2	85.9	-1.64	48.8	44.89	26.404	759.91	0	
"2012-08-26	15:00:00"	9.94	107.5	30.64	29.03	8.35	108	34.05	23.66	85.8	87.3	-1.56	46.21	42.39	26.391	647.95	0	
"2012-08-26	16:00:00"	16.57	111.3	13.11	32.61	13.6	113.8	14.94	26.65	82.8	84.7	-1.86	49.77	45.39	26.378	666.35	0	
"2012-08-26	17:00:00"	15.79	119.8	10.67	23.66	12.98	122.1	12.54	20.09	80.6	82.9	-2.348	51.91	46.74	26.364	709.71	0	
"2012-08-26	18:00:00"	11.72	103.3	13.37	17.1	9.92	104.8	16.11	15.31	84.1	85.8	-1.795	47.34	43.16	26.355	630.98	0	
"2012-08-26	19:00:00"	11.76	88.5	9.26	17.7	9.75	89.5	11.1	15.31	86.4	87.7	-1.233	42.67	39.39	26.349	323.87	0	
"2012-08-26	20:00:00"	14.01	86.3	10.55	26.05	11.15	86.5	12.37	21.87	85.2	85.6	-0.446	44.3	41.91	26.352	58.687	0	
"2012-08-26	21:00:00"	14.52	113.4	13.6	24.26	11.58	115.5	15.21	22.47	78.16	78.55	-0.389	57.95	55.63	26.392	5.6023	0	
"2012-08-26	22:00:00"	11.19	105.3	16.48	17.7	8.95	106.1	17.49	14.12	74.48	74.77	-0.293	64.58	62.66	26.42	0	0	
"2012-08-26	23:00:00"	9.4	102.5	8.33	15.91	7.524	103.7	10.15	12.93	72.71	72.93	-0.223	66.33	64.58	26.448	0	0	
"2012-08-27	00:00:00"	4.721	154.8	33.81	8.16	3.925	156.5	34.58	6.368	71.73	71.97	-0.239	70.7	69.08	26.472	0	0	
"2012-08-27	01:00:00"	2.577	108.3	64.58	6.368	2.015	97	79.36	5.175	72.04	71.71	0.334	69.4	68.82	26.478	0	0	
"2012-08-27	02:00:00"	6.007	45.41	10.66	9.35	4.421	40.11	9.9	7.561	70.66	69.82	0.835	72.02	72.87	26.477	0	0	
"2012-08-27	03:00:00"	6.258	31.62	6.413	9.35	4.509	31.63	8.42	6.368	69.03	68.74	0.289	75.84	75.42	26.474	0	0	
"2012-08-27	04:00:00"	6.468	24.99	11.68	8.16	4.782	20.18	15.3	6.964	67.85	67.54	0.314	78.73	78.51	26.467	0	0	
"2012-08-27	05:00:00"	6.69	27.72	7.315	8.75	4.886	27.58	10.27	7.561	67.22	66.91	0.311	77.51	77.46	26.467	0	0	
"2012-08-27	06:00:00"	6.882	25.85	6.502	9.35	5.034	24.1	10.36	7.561	66.59	66.24	0.342	78.32	78.27	26.474	0	0	
"2012-08-27	07:00:00"	7.841	27.96	10.95	10.54	5.957	28.03	13.26	9.35	66.12	65.91	0.208	80.3	79.85	26.487	0	0	
"2012-08-27	08:00:00"	7.525	40.19	10.15	11.74	5.758	39.36	13.22	9.95	66.39	66.18	0.211	81.3	80.8	26.502	15.078	0	
"2012-08-27	09:00:00"	8.92	43.36	11.9	12.93	7.428	44.95	13.88	11.14	68.59	69.06	-0.476	79.84	77.95	26.514	161.08	0	
"2012-08-27	10:00:00"	10.23	61.28	12.01	14.72	8.36	62.65	13.82	12.33	72.59	73.44	-0.857	71.92	69.23	26.529	295.91	0	
"2012-08-27	11:00:00"	11.32	85.6	10.01	16.51	9.53	86.5	11.76	14.12	75.02	76.17	-1.149	66.6	63.31	26.54	569.7	0	
"2012-08-27	12:00:00"	7.796	99.2	27.34	14.12	6.638	100.8	28.86	12.93	77.78	79.12	-1.338	60.01	56.39	26.544	729.27	0	
"2012-08-27	13:00:00"	7.258	58.55	34.77	21.87	6.129	59.51	41.02	21.87	80.4	82.1	-1.7	54.44	50.35	26.534	658.9	0	
"2012-08-27	14:00:00"	9.9	86.5	27.64	18.3	8.36	88.6	28.73	16.51	82.5	84.1	-1.631	47.77	43.89	26.513	756.04	0	
"2012-08-27	15:00:00"	11.11	61.88	24.16	23.07	9.49	64.9	25.03	21.87	84.6	86.7	-2.025	43.43	39.22	26.485	806.37	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-27	16:00:00"	11.09	56.47	20.35	18.89	9.5	58.17	21.74	17.1	85	86.5	-1.589	43.13	39.51	26.461	500.92	0	
"2012-08-27	17:00:00"	13.01	75.38	18.17	20.68	10.71	77.19	18.65	18.89	86.3	87.9	-1.555	39.62	36.51	26.45	584.21	0	
"2012-08-27	18:00:00"	13.84	76.2	15.42	29.03	11.32	77.64	16.44	23.07	87.4	88.9	-1.448	35.72	32.88	26.438	533.63	0	
"2012-08-27	19:00:00"	14.49	82.2	15.07	22.47	11.71	83.2	15.74	20.09	87.2	88.1	-0.948	34.16	31.73	26.436	257.67	0	
"2012-08-27	20:00:00"	14.7	84.7	9.81	21.28	11.74	85.9	11.53	17.7	86.7	87.1	-0.374	31.07	29.15	26.437	152.01	0	
"2012-08-27	21:00:00"	9.32	103.9	37.28	17.1	7.245	105.2	37.47	14.72	82.8	82.6	0.118	36.71	35.05	26.45	8.2928	0	
"2012-08-27	22:00:00"	10.09	173.9	9.42	15.31	8.17	173.7	12.27	13.52	76.85	77.03	-0.177	61.67	59.83	26.479	0	0	
"2012-08-27	23:00:00"	6.625	191.3	12.25	12.93	5.292	191.8	14.77	10.54	74.35	74.39	-0.039	66.94	65.51	26.504	0	0	
"2012-08-28	00:00:00"	4.4	214.6	21.49	7.561	3.244	212.6	27.83	5.771	73.31	73.1	0.215	69.1	68.14	26.514	0	0	
"2012-08-28	01:00:00"	4.913	292.2	20.99	7.561	2.958	305.9	22.26	5.175	72.09	70.08	2.012	72.4	74.28	26.517	0	0	
"2012-08-28	02:00:00"	6.642	321.9	6.663	8.16	3.43	327.7	8.87	4.578	69.76	67.57	2.192	76.69	79.49	26.512	0	0	
"2012-08-28	03:00:00"	6.859	324.4	6.997	9.35	3.431	331.8	11.62	5.771	69.12	66.86	2.26	77.67	80.9	26.502	0	0	
"2012-08-28	04:00:00"	6.802	329.4	5.839	9.35	3.411	332.9	9.06	5.771	67.74	65.88	1.855	78.46	81.4	26.497	0	0	
"2012-08-28	05:00:00"	7.387	313.4	5.112	9.95	3.325	313.1	9.56	5.771	67.56	65.46	2.094	75.71	79.59	26.497	0	0	
"2012-08-28	06:00:00"	9.69	332.5	4.808	12.33	6.053	335.4	7.454	9.35	67.84	66.11	1.73	74.58	77.5	26.491	0	0	
"2012-08-28	07:00:00"	9.45	339.2	6.429	11.74	6.177	340.2	9.06	8.75	67.69	66.42	1.271	75.19	77.04	26.494	0	0	
"2012-08-28	08:00:00"	9.06	9.47	23.16	15.31	6.471	9.79	23.48	12.93	65.28	64.5	0.785	78.22	79.19	26.51	15.334	0	
"2012-08-28	09:00:00"	11.27	21.02	6.826	15.31	9.11	21.33	11.86	13.52	66.18	66.68	-0.493	79.49	77.62	26.524	158.33	0	
"2012-08-28	10:00:00"	11.05	45.19	14.17	16.51	9.37	47.28	15.63	14.12	72.38	73.29	-0.914	65.47	62.81	26.533	363.43	0	
"2012-08-28	11:00:00"	11.09	70.26	14.01	15.31	9.26	72.47	14.65	14.12	75.92	77.03	-1.105	58.32	55.14	26.536	566.31	0	
"2012-08-28	12:00:00"	9.63	62.97	23.35	17.7	8.16	64.13	26.01	14.72	78.35	79.87	-1.522	52.68	48.93	26.535	719.6	0	
"2012-08-28	13:00:00"	11.14	33.46	16.76	20.09	9.27	34.4	20.63	18.89	80.6	82.9	-2.334	46.34	41.77	26.516	795.39	0	
"2012-08-28	14:00:00"	15.17	30.3	17.26	24.86	12.59	31.17	21.4	21.87	83	85.7	-2.721	36.18	32.3	26.492	923.85	0	
"2012-08-28	15:00:00"	15.17	34.82	18.28	25.45	12.64	36.19	21.57	21.28	84.8	87.6	-2.74	30.08	26.55	26.472	900.48	0	
"2012-08-28	16:00:00"	14.68	46.24	17.22	24.26	12.06	48.41	19.28	25.45	86.3	88.7	-2.364	25.89	22.77	26.446	855.85	0	
"2012-08-28	17:00:00"	13.85	56.86	16.77	25.45	11.29	58.82	18.45	23.07	86.6	88.5	-1.915	24.18	21.37	26.426	729.53	0	
"2012-08-28	18:00:00"	14.39	55.81	16.52	30.82	11.7	57.62	17.92	20.68	87	88.5	-1.526	22.41	19.88	26.41	550.58	0	
"2012-08-28	19:00:00"	14.18	67.56	20.4	23.07	11.52	69.44	21.17	18.89	86.2	87.2	-0.977	23.88	21.6	26.398	285.17	0	
"2012-08-28	20:00:00"	12.16	66.49	11.84	20.68	9.64	68.57	12.71	18.3	85.1	85.4	-0.281	24.64	22.78	26.395	131.51	0	
"2012-08-28	21:00:00"	7.719	58.47	7.916	14.12	5.182	60.32	10.37	11.14	81.4	80.8	0.685	26.87	25.8	26.402	5.5905	0	
"2012-08-28	22:00:00"	6.978	51.6	13.92	8.75	3.914	45.45	21.38	6.368	77.67	75.52	2.15	30.91	31.37	26.414	0	0	
"2012-08-28	23:00:00"	7.541	24.7	6.598	11.14	4.49	15.31	10.51	8.16	73.37	70.8	2.566	35.1	36.61	26.427	0	0	
"2012-08-29	00:00:00"	9.17	32.87	7.338	12.93	6.477	27.08	10.12	11.14	72.73	71.57	1.162	37.5	37.24	26.434	0	0	
"2012-08-29	01:00:00"	9.03	34.35	7.623	12.93	6.593	31.48	9.81	11.74	71.72	71	0.723	42.12	41.09	26.437	0	0	
"2012-08-29	02:00:00"	8.17	33.03	9.15	11.14	5.758	27.79	11.53	8.75	69.72	68.85	0.869	49.32	48.38	26.437	0	0	
"2012-08-29	03:00:00"	7.984	23.69	4.98	9.95	5.505	23.08	8.86	7.561	67.86	67.21	0.652	55.53	54.64	26.436	0	0	
"2012-08-29	04:00:00"	7.395	17.97	7.728	9.35	5.074	16.94	13.23	7.561	67.01	66.41	0.596	58.68	58.07	26.431	0	0	
"2012-08-29	05:00:00"	7.58	11.33	6.699	9.95	4.938	7.948	10.6	7.561	66.45	65.69	0.76	62.48	62.24	26.431	0	0	
"2012-08-29	06:00:00"	7.667	20.43	6.342	9.95	5.454	20.29	11.84	7.561	65.94	65.56	0.376	65.62	64.98	26.429	0	0	
"2012-08-29	07:00:00"	7.659	24.58	7.398	9.95	5.631	25.03	10.41	8.16	64.85	64.54	0.308	67	66.35	26.424	0	0	
"2012-08-29	08:00:00"	8.84	21.7	6.253	11.14	6.561	22.57	10.76	9.35	64.31	64.11	0.199	66.44	65.7	26.432	16.397	0	
"2012-08-29	09:00:00"	9.37	37.3	13.42	12.93	7.794	38.91	14.93	11.74	67.17	67.61	-0.439	59.75	57.84	26.44	160.66	0	
"2012-08-29	10:00:00"	8.19	63.68	11.83	11.74	6.86	65.63	12.99	11.74	72.38	73.31	-0.937	55.26	52.37	26.448	386.41	0	
"2012-08-29	11:00:00"	6.544	69.98	21.4	11.74	5.639	71.16	24.56	10.54	76.05	77.24	-1.188	57.01	53.62	26.45	518.47	0	
"2012-08-29	12:00:00"	7.788	45.58	30.07	14.12	6.599	46.46	34.27	12.93	78.16	79.79	-1.628	52.77	48.82	26.447	607.38	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-29	13:00:00"	8.75	44.61	30.98	17.1	7.387	43.43	35.07	14.12	80.4	82.3	-1.902	42.21	38.45	26.429	688.99	0	
"2012-08-29	14:00:00"	9.49	25.81	37.72	17.7	7.89	25.99	41.5	15.91	82.3	84.5	-2.14	35.74	32.41	26.405	740.01	0	
"2012-08-29	15:00:00"	8.77	56.11	27.91	20.68	7.543	57.49	33.25	18.3	83.7	85.8	-2.097	30.6	27.45	26.386	929.83	0	
"2012-08-29	16:00:00"	10.44	21.56	32.19	18.89	8.86	21.28	35.89	16.51	85.3	87.5	-2.215	23.73	20.83	26.361	698.06	0	
"2012-08-29	17:00:00"	8.42	43.43	27.16	17.1	7.14	45.94	29.48	15.31	85.3	86.8	-1.425	23.12	20.69	26.346	457.8	0	
"2012-08-29	18:00:00"	8.57	31.5	27.6	16.51	7.346	29.12	31.55	16.51	86.1	87.9	-1.767	18.95	16.52	26.331	564.25	0	
"2012-08-29	19:00:00"	8.68	36.72	22.06	17.7	7.201	37.52	24.72	16.51	86.3	87.5	-1.201	16.79	14.67	26.322	290.43	0	
"2012-08-29	20:00:00"	7.869	41.79	15.11	13.52	6.257	43.56	16.27	11.14	84.5	84.4	0.109	18.59	17.03	26.321	53.854	0	
"2012-08-29	21:00:00"	7.001	45.5	7.348	9.35	4.784	44.09	8.97	7.561	80.2	79.05	1.183	21.4	20.62	26.325	3.9338	0	
"2012-08-29	22:00:00"	7.97	50.65	9.18	10.54	5.089	51.06	13.34	7.561	77.03	75.59	1.437	23.73	23.25	26.338	0	0	
"2012-08-29	23:00:00"	7.755	38.1	10.9	11.14	5.054	34.12	16.74	7.561	74.71	72.69	2.022	26.31	26.53	26.357	0	0	
"2012-08-30	00:00:00"	7.967	46.51	8.47	11.14	5.715	42.68	11.12	8.75	73.44	72	1.441	28.55	28.24	26.368	0	0	
"2012-08-30	01:00:00"	8.28	65.37	9.56	11.14	5.094	61.07	9.22	8.16	70.57	69.06	1.504	32.95	32.75	26.372	0	0	
"2012-08-30	02:00:00"	8.21	78.79	3.998	9.35	5.108	65.08	7.959	6.964	69.83	67.32	2.507	34.7	35.7	26.374	0	0	
"2012-08-30	03:00:00"	7.129	33.15	10.52	9.35	4.893	23.35	12.74	7.561	65.56	63.35	2.214	40.06	41.46	26.372	0	0	
"2012-08-30	04:00:00"	5.941	36.56	4.137	8.75	4.473	14.43	6.811	6.964	65.98	61.77	4.213	39.84	44.64	26.361	0	0	
"2012-08-30	05:00:00"	7.476	22.17	5.257	9.35	4.866	20.9	9.42	6.964	62.87	61.29	1.572	45.13	46.1	26.357	0	0	
"2012-08-30	06:00:00"	7.616	19.06	5.332	9.95	4.806	16.73	10.1	6.964	62.11	60.6	1.509	47.32	48.33	26.352	0	0	
"2012-08-30	07:00:00"	8.39	5.399	8.83	9.95	4.662	1.502	9.59	6.368	62.1	59.33	2.764	47.44	50.74	26.359	0	0	
"2012-08-30	08:00:00"	8.68	1.789	13.82	9.95	5.432	359.8	12.03	8.16	61.33	59.65	1.682	49.53	51.24	26.371	29.671	0	
"2012-08-30	09:00:00"	8.67	16.2	16.53	12.93	6.882	15.96	20.71	11.74	65.8	66.25	-0.448	44.67	42.8	26.384	201.29	0	
"2012-08-30	10:00:00"	9.45	33.33	10.25	12.93	8.09	35.97	12.68	11.74	71.58	72.64	-1.059	37.28	35.04	26.392	395.98	0	
"2012-08-30	11:00:00"	6.87	38.47	21.39	11.74	5.768	39.1	25.16	10.54	76.9	78.5	-1.602	30.86	28.29	26.391	599.87	0	
"2012-08-30	12:00:00"	4.383	237.6	99.8	11.14	4.005	217	101	9.95	79.6	80.8	-1.248	26.42	24.09	26.391	776.75	0	
"2012-08-30	13:00:00"	5.51	38.42	56.12	11.14	4.884	43.16	61.34	10.54	81.3	82.9	-1.651	24.99	22.42	26.379	703.1	0	
"2012-08-30	14:00:00"	6.427	9.44	57.19	16.51	5.612	4.331	61.33	14.72	83.1	85.2	-2.083	23.49	20.69	26.359	949.12	0	
"2012-08-30	15:00:00"	7.761	11.83	68.75	18.89	6.683	9.33	70.81	19.49	84.9	87	-2.083	22.37	19.61	26.34	914.3	0	
"2012-08-30	16:00:00"	8.82	17.86	43.28	16.51	7.404	17.42	46.01	14.72	86.2	88.5	-2.269	21.21	18.37	26.319	788.6	0	
"2012-08-30	17:00:00"	6.741	19.07	47.1	19.49	5.935	17.15	50.23	17.7	87.2	89.1	-1.98	19.93	17.31	26.295	704.17	0	
"2012-08-30	18:00:00"	7.453	27.7	25.19	15.31	6.474	29.38	28.42	14.72	87.8	89.7	-1.898	19.56	17	26.281	551.81	0	
"2012-08-30	19:00:00"	7.308	18.46	32.6	14.72	6.328	17.52	37.81	13.52	87.6	88.9	-1.222	18.92	16.68	26.279	254.84	0	
"2012-08-30	20:00:00"	7.727	58.3	17.05	13.52	6.355	59.25	18.95	11.74	86.2	86.4	-0.177	20.63	18.83	26.28	81.295	0	
"2012-08-30	21:00:00"	7.591	67.61	8.07	10.54	5.091	68.36	9.73	8.16	81.5	80.9	0.583	24.9	23.63	26.288	5.805	0	
"2012-08-30	22:00:00"	8.38	61.09	5.582	10.54	4.799	62.16	9.01	7.561	78.03	76.58	1.446	27.28	26.92	26.314	0	0	
"2012-08-30	23:00:00"	7.42	54.96	9.32	9.95	4.221	50.93	12.24	6.368	77.47	75.15	2.317	27.59	28.02	26.335	0	0	
"2012-08-31	00:00:00"	7.149	20.61	11.67	8.75	4.163	7.144	10.26	5.771	75.36	68.98	6.384	27.94	32.49	26.35	0	0	
"2012-08-31	01:00:00"	7.14	24.51	8.79	9.35	4.105	14.15	6.21	5.771	75.86	67.49	8.37	26.55	33.83	26.354	0	0	
"2012-08-31	02:00:00"	6.566	30.32	6.175	8.16	4.053	23.22	10.79	5.771	72.43	68.38	4.054	29.25	32.07	26.359	0	0	
"2012-08-31	03:00:00"	7.043	30.04	5.72	9.35	4.696	21.04	12.87	6.964	68.7	66.19	2.511	34.07	35.04	26.362	0	0	
"2012-08-31	04:00:00"	6.181	43.87	4.468	8.16	4.55	21.69	7.724	5.771	69.15	63.58	5.574	36.01	40.13	26.358	0	0	
"2012-08-31	05:00:00"	6.068	42.53	5.406	8.16	4.963	21.62	5.794	6.368	67.5	62.88	4.625	39.5	43.4	26.361	0	0	
"2012-08-31	06:00:00"	5.772	57.47	12.18	6.964	4.21	20.16	7.713	6.368	68.43	62.03	6.409	39.94	46.14	26.366	0	0	
"2012-08-31	07:00:00"	4.996	70.67	9.59	5.771	4.207	14.97	4.711	5.175	71.67	60.76	10.92	38.58	49.74	26.375	0	0	
"2012-08-31	08:00:00"	4.693	61.51	16.06	7.561	3.696	20.5	12.22	5.175	70.7	63.26	7.442	40.51	48.09	26.39	15.993	0	
"2012-08-31	09:00:00"	5.019	32.27	14.24	7.561	4.219	20.78	11.43	6.964	69.47	67.91	1.558	43.62	44.79	26.408	166.68	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-08-31	10:00:00"	4.144	112.7	38.1	6.964	3.557	112.2	40.1	6.964	76.93	77.34	-0.412	37.61	35.94	26.416	378.54	0	
"2012-08-31	11:00:00"	5.479	149.2	19.85	9.35	4.66	150.6	20.76	8.75	81.3	82	-0.743	33.78	31.79	26.425	585.78	0	
"2012-08-31	12:00:00"	5.642	121.2	46.76	12.33	4.886	123.6	48.39	10.54	83.9	84.9	-1.021	25.89	23.73	26.428	764.2	0	
"2012-08-31	13:00:00"	6.742	150	67.79	14.72	5.729	148.1	70.11	12.93	85.4	86.9	-1.478	23.07	20.63	26.42	882.19	0	
"2012-08-31	14:00:00"	6.479	176.5	76.4	15.31	5.638	172.5	76	14.72	86.3	87.7	-1.41	21.31	18.94	26.407	936.7	0	
"2012-08-31	15:00:00"	6.791	115.7	63.61	18.3	5.884	117.2	63.21	16.51	87.4	89.1	-1.716	19.8	17.31	26.391	912.42	0	
"2012-08-31	16:00:00"	8.49	124.1	57.11	17.1	7.249	124.7	57.21	15.31	88.8	90.5	-1.74	18.76	16.28	26.374	859.84	0	
"2012-08-31	17:00:00"	7.6	163.4	38.83	14.72	6.492	160.7	41.37	14.12	89.4	90.9	-1.499	17.6	15.29	26.36	729.79	0	
"2012-08-31	18:00:00"	6.515	160.2	57.3	15.31	5.536	157.4	62.03	13.52	89.8	90.9	-1.161	17.82	15.61	26.353	545.79	0	
"2012-08-31	19:00:00"	6.719	154.1	32.92	14.12	5.587	152.1	34.4	12.33	89.6	90.4	-0.84	20.4	18.27	26.351	280.78	0	
"2012-08-31	20:00:00"	7.698	136.9	13.08	13.52	6.224	137.1	13.69	12.33	88.9	89.4	-0.421	21.39	19.47	26.353	107.47	0	
"2012-08-31	21:00:00"	7.424	147.4	9.75	10.54	5.718	145.1	8.82	9.35	86	85.7	0.252	24.71	23.24	26.363	3.761	0	
"2012-08-31	22:00:00"	7.589	139.3	8.83	11.14	5.22	137.4	10.93	8.75	82.5	81.8	0.727	27.71	26.7	26.376	0	0	
"2012-08-31	23:00:00"	8.52	125.3	7.334	11.14	5.347	123.3	10.38	8.16	79.55	78.32	1.226	30.77	30.31	26.394	0	0	
"2012-09-01	00:00:00"	8.03	98.8	26.98	11.74	4.982	94.7	28.91	9.35	77.25	75.68	1.57	33.13	33.12	26.409	0	0	
"2012-09-01	01:00:00"	8.63	69.26	4.672	10.54	5.354	66.96	9.11	7.561	73.71	71.92	1.791	35.1	35.69	26.419	0	0	
"2012-09-01	02:00:00"	8.64	67.94	4.646	9.95	5.017	60.59	7.904	6.964	74.31	71.49	2.827	33.31	34.95	26.421	0	0	
"2012-09-01	03:00:00"	9.25	70.92	6.213	11.74	5.537	66.55	9.6	8.16	74.09	71.78	2.307	33.36	34.26	26.418	0	0	
"2012-09-01	04:00:00"	9.4	77.92	3.679	11.74	5.599	68.01	8.43	8.16	76.19	71.92	4.27	30.16	33.26	26.415	0	0	
"2012-09-01	05:00:00"	8.47	69.97	4.879	9.95	4.927	60.97	8.64	7.561	74.29	71.44	2.854	31.18	32.83	26.413	0	0	
"2012-09-01	06:00:00"	7.353	109.9	35.44	12.33	4.783	100.4	45.51	9.35	73.39	71.41	1.974	34.43	34.85	26.417	0	0	
"2012-09-01	07:00:00"	6.226	173.2	16.06	12.93	5.132	173.2	18.92	11.14	72.02	71.59	0.426	44.21	42.8	26.429	0	0	
"2012-09-01	08:00:00"	7.695	173.9	8.28	14.12	5.847	175.6	10.61	10.54	71.62	71.16	0.451	55.79	54.59	26.45	12.547	0	
"2012-09-01	09:00:00"	5.575	187.5	12.24	8.75	4.507	189	13.66	6.368	72.7	72.68	0.025	59.51	57.89	26.464	111.39	0	
"2012-09-01	10:00:00"	8.89	199.9	12.49	15.31	7.283	200.9	15.19	13.52	76.4	77.19	-0.789	59.58	56.85	26.467	367.36	0	
"2012-09-01	11:00:00"	9.45	194.7	20.13	15.31	7.91	194.9	22.7	14.12	80.1	81.2	-1.164	53.27	49.99	26.467	573.41	0	
"2012-09-01	12:00:00"	9.6	179.1	17.48	17.1	8.05	179.1	19.69	14.72	83.2	84.8	-1.54	45.13	41.64	26.472	745.22	0	
"2012-09-01	13:00:00"	9.69	159.2	22.96	17.7	8.19	159.3	23.95	15.31	87.2	88.9	-1.661	31.32	28.54	26.463	854.98	0	
"2012-09-01	14:00:00"	10.19	151.9	32.54	20.09	8.49	151.6	34.51	18.3	88.9	90.6	-1.666	26.03	23.32	26.444	757.05	0	
"2012-09-01	15:00:00"	12.21	165.4	18.54	23.66	10.18	164.7	21.58	20.09	89.4	90.9	-1.537	25.96	23.33	26.427	509.11	0	
"2012-09-01	16:00:00"	10.32	178.7	21.1	23.66	8.75	178.3	24.35	19.49	89.7	91.2	-1.502	27.09	24.5	26.407	735.29	0	
"2012-09-01	17:00:00"	9.43	151.9	23.84	21.87	8.09	151.7	25.35	17.7	90.3	91.5	-1.211	26.91	24.41	26.386	436.57	0	
"2012-09-01	18:00:00"	10.65	167.6	16.36	30.22	8.96	166.9	18.77	27.24	91.1	92.3	-1.183	26.2	23.8	26.374	520.73	0	
"2012-09-01	19:00:00"	15.4	132.5	10.19	21.28	12.48	133.6	11.3	17.7	90.7	92	-1.26	27.87	25.3	26.375	306.61	0	
"2012-09-01	20:00:00"	12.4	131.3	7.65	17.7	9.94	132.6	8.92	14.72	89.2	89.7	-0.43	29.47	27.44	26.376	80.041	0	
"2012-09-01	21:00:00"	8.34	136.5	6.892	12.33	6.386	136	7.365	9.95	86.5	86.2	0.311	31.29	29.94	26.38	3.2416	0	
"2012-09-01	22:00:00"	7.688	132.8	16.03	11.14	5.341	129.5	17.8	8.16	83.7	82.9	0.76	33.79	32.85	26.395	0	0	
"2012-09-01	23:00:00"	7.39	127.3	8.94	9.95	4.819	125.3	9.93	8.16	81.2	80.4	0.845	38.66	37.84	26.405	0	0	
"2012-09-02	00:00:00"	8.59	148.7	14.37	12.33	6.491	148.2	14.9	10.54	81	80.5	0.475	39.12	38.16	26.405	0	0	
"2012-09-02	01:00:00"	9.62	168.2	8.18	14.12	7.457	167.4	9.86	12.33	79.02	78.69	0.335	42.44	41.1	26.406	0	0	
"2012-09-02	02:00:00"	10.86	176.6	8.24	15.91	8.38	176.2	10.76	13.52	77.99	77.71	0.278	45.5	44.17	26.408	0	0	
"2012-09-02	03:00:00"	7.564	195.8	16.44	15.31	5.812	200.2	19.3	12.93	76.58	76.32	0.26	47.39	46.02	26.407	0	0	
"2012-09-02	04:00:00"	6.244	184.6	9.92	10.54	4.504	186.4	13.32	8.75	75.19	74.76	0.432	50.64	49.56	26.405	0	0	
"2012-09-02	05:00:00"	9.1	172	8.07	13.52	6.79	170.6	10.33	9.95	74.87	74.42	0.446	53.42	52.43	26.396	0	0	
"2012-09-02	06:00:00"	6.087	167.4	9.25	13.52	5.856	167.8	11.05	9.95	73.48	73.12	0.359	58.06	57.05	26.393	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-02	07:00:00"	6.879	157.7	13.5	11.74	6.085	157	14.24	9.35	72.31	71.98	0.333	62.51	61.54	26.4	0	0
"2012-09-02	08:00:00"	7.162	150.9	11.66	11.14	5.505	150	12.4	8.75	71.1	70.88	0.215	67.38	66.31	26.413	13.581	0
"2012-09-02	09:00:00"	7.401	160.3	10.13	12.33	6.073	159.1	11.19	10.54	71.79	72.03	-0.245	69.21	67.5	26.427	156.38	0
"2012-09-02	10:00:00"	12.39	172.7	10.23	20.09	9.8	172.2	13.15	17.1	75.6	76.33	-0.725	64.56	61.99	26.429	362.01	0
"2012-09-02	11:00:00"	11.94	177.1	12.32	17.1	9.66	177.5	16.07	14.72	79.58	80.9	-1.284	56.89	53.39	26.438	564.87	0
"2012-09-02	12:00:00"	10.06	169.7	16.58	16.51	8.45	169.6	18.93	16.51	82.7	84.2	-1.493	49.5	45.8	26.435	734.53	0
"2012-09-02	13:00:00"	11.38	158.4	17.48	21.28	9.57	157.8	19.26	18.89	85.5	87.3	-1.784	40.55	37.12	26.415	854.64	0
"2012-09-02	14:00:00"	11.73	155	21.93	20.68	9.84	155.5	23.26	17.1	87.8	89.8	-1.979	35.75	32.49	26.393	879.58	0
"2012-09-02	15:00:00"	11.48	151.5	23.28	20.68	9.65	151.6	23.55	18.3	89.6	91.6	-1.94	31.9	28.83	26.376	887.05	0
"2012-09-02	16:00:00"	9.34	174.1	34.79	27.84	7.987	173.8	37.4	23.66	90.5	91.9	-1.47	30.56	27.83	26.355	641.01	0
"2012-09-02	17:00:00"	10.37	152.8	18.63	21.28	8.75	152.9	19.38	18.89	91.9	93.6	-1.696	28.64	25.84	26.333	777.22	0
"2012-09-02	18:00:00"	8.87	163	38.7	20.09	7.635	161	37.94	16.51	92.6	94.1	-1.535	26.17	23.49	26.322	580.45	0
"2012-09-02	19:00:00"	8.75	174.1	22.22	17.1	7.42	175.2	24.57	14.12	92.4	93.4	-1.015	26.03	23.68	26.313	286.35	0
"2012-09-02	20:00:00"	10.61	150.1	18.92	18.89	8.79	150.2	19.07	15.31	91.4	91.8	-0.432	29.32	27.3	26.308	98.222	0
"2012-09-02	21:00:00"	9.08	134.2	7.86	14.12	7.049	133.8	8.79	12.93	87.9	87.8	0.099	33.84	32.23	26.317	2.6693	0
"2012-09-02	22:00:00"	9.49	130.9	6.926	13.52	6.972	130.4	7.943	11.14	84.8	84.4	0.386	36.61	35.4	26.332	0	0
"2012-09-02	23:00:00"	10.68	145.4	8.15	15.31	8.46	145	8.34	12.93	82.8	82.7	0.153	39.34	37.86	26.348	0	0
"2012-09-03	00:00:00"	9.98	155.2	10.29	15.31	8.15	153.5	10.7	12.93	81.4	81.3	0.103	43.78	42.08	26.36	0	0
"2012-09-03	01:00:00"	5.729	169.9	7.495	18.3	9.61	169.7	10.25	16.51	80.5	80.3	0.155	49.77	48.25	26.368	0	0
"2012-09-03	02:00:00"	7.246	173.3	7.093	14.12	8.2	172.9	9.37	12.33	78.94	78.8	0.142	53.7	52.27	26.366	0	0
"2012-09-03	03:00:00"	8.58	164.4	9.7	12.93	6.871	163.8	10.56	11.14	77.58	77.44	0.141	57.42	56.07	26.363	0	0
"2012-09-03	04:00:00"	8.21	157.6	9.97	12.93	6.511	156.4	10.9	9.95	76.51	76.35	0.162	59.93	58.7	26.356	0	0
"2012-09-03	05:00:00"	8.2	150.5	12.54	12.93	6.441	148.5	13.15	11.14	75.57	75.37	0.201	61.65	60.53	26.349	0	0
"2012-09-03	06:00:00"	5.054	115.5	18.92	7.561	2.917	102.7	22	4.578	72.01	71.29	0.712	67.97	67.56	26.348	0	0
"2012-09-03	07:00:00"	5.456	99.6	12.93	8.16	3.52	79.25	20.15	5.771	71.3	70.14	1.155	69.63	70.05	26.356	0	0
"2012-09-03	08:00:00"	6.782	82.4	7.086	8.16	4.196	69.9	8.52	6.368	68.86	68.18	0.673	73.8	73.43	26.368	13.059	0
"2012-09-03	09:00:00"	6.899	124.8	16.7	11.14	5.401	123.8	20.42	8.75	72.51	72.73	-0.226	67.94	66.36	26.381	150.65	0
"2012-09-03	10:00:00"	8.28	159.8	12.34	12.33	7.028	158.3	13.31	10.54	76.9	77.55	-0.658	60.67	58.21	26.381	353.69	0
"2012-09-03	11:00:00"	7.876	176	15.07	12.93	6.534	175.6	18.14	11.14	81.1	82.2	-1.089	53.23	50.1	26.381	555.91	0
"2012-09-03	12:00:00"	7.038	191.5	24.92	12.93	6.147	193.1	28.13	11.74	85.9	87.2	-1.329	43.16	40.07	26.378	726.42	0
"2012-09-03	13:00:00"	4.905	195.5	55.24	12.33	4.435	198.3	60.97	11.14	89.1	90.5	-1.43	36.69	33.9	26.367	852.16	0
"2012-09-03	14:00:00"	5.956	228.6	72.95	13.52	5.21	226.9	74.2	11.74	91.8	93.4	-1.603	30.58	27.87	26.35	922.9	0
"2012-09-03	15:00:00"	7.225	255.6	53.9	15.91	6.274	256.4	53.5	12.93	94	96	-2.008	27.21	24.28	26.33	906.25	0
"2012-09-03	16:00:00"	6.929	190.3	37.81	14.72	6.499	189.4	41.92	13.52	94.7	96.4	-1.737	25.64	22.86	26.304	803.38	0
"2012-09-03	17:00:00"	6.167	239.9	45.84	15.91	4.951	242.5	51.19	12.93	95.7	96.9	-1.252	23.78	21.33	26.283	465.21	0
"2012-09-03	18:00:00"	6.365	164.4	46	16.51	5.5	164.2	45.26	14.72	96.2	97.4	-1.161	23.33	20.93	26.268	492.01	0
"2012-09-03	19:00:00"	5.642	138.9	33.68	13.52	4.89	137.1	36.74	11.14	96.3	97	-0.732	23.5	21.32	26.262	244.68	0
"2012-09-03	20:00:00"	7.591	114.7	11.65	12.93	6.374	115	14.07	10.54	95.4	95.7	-0.232	24.01	22.09	26.264	86.107	0
"2012-09-03	21:00:00"	7.13	99.5	12.85	10.54	4.62	100	15.87	6.964	91	90.1	0.885	28.25	26.98	26.28	1.6149	0
"2012-09-03	22:00:00"	12.38	161.6	20.88	21.87	9.8	161.9	20.13	19.49	89.4	89.1	0.35	33.97	32.57	26.308	0	0
"2012-09-03	23:00:00"	9.57	169.8	9.3	14.72	7.49	168.7	11.26	12.33	86.4	86.2	0.211	38.44	37.05	26.319	0	0
"2012-09-04	00:00:00"	9.57	143.2	18.96	15.31	7.578	141.4	19.15	13.52	83.7	83.5	0.234	42.56	41.01	26.335	0	0
"2012-09-04	01:00:00"	10.74	163.6	10.21	15.91	8.57	162.7	11.5	14.72	82.9	82.7	0.177	43.94	42.39	26.335	0	0
"2012-09-04	02:00:00"	13.84	174.3	6.367	18.89	10.66	173.1	9.05	14.72	82.5	82.2	0.237	44.73	43.3	26.338	0	0
"2012-09-04	03:00:00"	12.48	173.4	6.912	18.3	9.61	172.9	9.44	15.31	81	80.8	0.197	47.37	45.91	26.331	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-04	04:00:00"	10.48	167.7	8.31	18.3	8.2	167.6	10.13	14.12	78.81	78.63	0.186	50.85	49.48	26.324	0
"2012-09-04	05:00:00"	10.36	168.9	8.38	15.31	8.17	169.3	10.34	12.93	77.9	77.7	0.204	51.18	49.87	26.316	0
"2012-09-04	06:00:00"	8.61	169.3	9.21	14.12	6.838	170.1	10.4	12.93	76.57	76.35	0.216	52.52	51.26	26.31	0
"2012-09-04	07:00:00"	6.134	180.8	10.04	9.95	4.604	183.5	14.47	8.16	74.56	74.23	0.331	55.71	54.67	26.314	0
"2012-09-04	08:00:00"	5.075	188.7	15.61	8.16	3.829	189.7	19.19	7.561	73.77	73.44	0.337	57.39	56.39	26.326	11.414
"2012-09-04	09:00:00"	5.61	187.8	10.76	13.52	4.584	186.7	12.03	11.14	74.47	74.6	-0.127	57.12	55.52	26.338	149.66
"2012-09-04	10:00:00"	10.9	181.2	9.77	15.31	8.85	180.7	13.2	13.52	79.67	80.3	-0.669	48.04	45.57	26.341	354.75
"2012-09-04	11:00:00"	8.89	189.7	16.2	14.12	7.476	189.3	19.07	12.33	83.3	84.5	-1.151	40.66	37.91	26.348	557.29
"2012-09-04	12:00:00"	6.426	212.3	24.66	11.74	5.807	215.8	29.02	11.14	86.8	88.2	-1.385	35.78	33.13	26.35	727.26
"2012-09-04	13:00:00"	5.105	228.5	36.81	11.14	4.722	235.2	42.3	10.54	90.2	91.8	-1.583	31.34	28.6	26.337	845.04
"2012-09-04	14:00:00"	5.516	208	52.98	21.28	5.079	209.5	57.14	21.87	93.1	94.7	-1.578	28.04	25.37	26.316	898.73
"2012-09-04	15:00:00"	7.411	159.6	47.59	16.51	6.467	156.3	48.74	13.52	95	96.7	-1.639	25.67	22.97	26.296	872.11
"2012-09-04	16:00:00"	9.04	169.3	37.96	18.3	7.739	168.3	41.95	15.31	96.6	98.4	-1.861	23.91	21.1	26.27	820.41
"2012-09-04	17:00:00"	10.14	174	39.1	21.87	8.41	174.4	42.2	20.68	97.3	98.9	-1.545	22.63	20.03	26.247	562.5
"2012-09-04	18:00:00"	6.82	149.4	43	15.31	5.921	147.7	46.21	13.52	97.7	98.8	-1.131	22.18	19.79	26.236	528.34
"2012-09-04	19:00:00"	10.04	154.7	19.12	21.87	8.51	154.8	21.71	18.3	97.6	98.5	-0.843	22.35	20.09	26.228	228.66
"2012-09-04	20:00:00"	8.29	175.3	7.874	15.31	6.781	173.1	10.99	13.52	96.2	96.2	-0.092	23.06	21.25	26.224	35.775
"2012-09-04	21:00:00"	4.574	171.8	17.77	7.561	3.937	168.5	18.03	5.771	94.1	93.7	0.44	24.38	22.97	26.232	1.014
"2012-09-04	22:00:00"	6.606	220.6	62.57	18.3	5.509	226.4	64.51	16.51	92.4	92	0.426	26.83	25.34	26.26	0
"2012-09-04	23:00:00"	4.384	285.9	75.65	12.33	4.305	278.6	75.11	11.14	91	90.7	0.348	27.86	26.42	26.284	0
"2012-09-05	00:00:00"	5.722	182.1	29.15	14.12	4.875	181.9	31.93	11.74	90.1	89.8	0.36	32.76	31.33	26.294	0
"2012-09-05	01:00:00"	7.093	177.7	11.31	13.52	5.809	177.4	14.73	10.54	86.9	86.6	0.283	38.14	36.74	26.294	0
"2012-09-05	02:00:00"	16.64	173.4	6.889	24.86	13.01	172.6	9.49	21.87	84.6	84.5	0.153	43.01	41.37	26.291	0
"2012-09-05	03:00:00"	14.88	170.3	6.973	20.68	11.6	169.2	9.51	18.3	83.1	83	0.157	45.82	44.26	26.294	0
"2012-09-05	04:00:00"	15.94	172.9	6.58	20.68	12.28	172.3	9.1	18.3	81.7	81.6	0.156	47.82	46.3	26.286	0
"2012-09-05	05:00:00"	15.02	175.6	6.724	21.28	11.76	174.9	9.19	18.3	80.3	80.2	0.135	49.61	48.11	26.279	0
"2012-09-05	06:00:00"	13.74	175.6	6.735	18.89	10.83	174.9	8.95	15.31	78.75	78.61	0.141	50.89	49.47	26.276	0
"2012-09-05	07:00:00"	10.24	183.8	9.09	18.3	8.01	186.3	12.97	15.31	77.61	77.43	0.186	51.2	49.85	26.28	0
"2012-09-05	08:00:00"	7.784	205.1	12.75	11.74	6.301	202.5	11.95	9.95	76.14	75.97	0.164	52.15	50.81	26.288	8.8402
"2012-09-05	09:00:00"	6.797	221.5	15.42	12.93	5.694	222.5	19.03	11.14	75.75	75.9	-0.143	53.34	51.61	26.3	127.06
"2012-09-05	10:00:00"	11.29	198.2	11.47	15.91	9.15	199	13.29	14.12	79.89	80.4	-0.501	47.12	44.79	26.308	229.65
"2012-09-05	11:00:00"	9.26	201.2	17.17	14.12	7.749	201.9	20.34	11.74	84.1	85.2	-1.081	41.13	38.4	26.312	551.82
"2012-09-05	12:00:00"	5.561	224.5	44.8	9.95	4.724	227.3	46.39	9.95	87.9	89	-1.124	35.54	33.08	26.311	609.72
"2012-09-05	13:00:00"	3.816	135.2	59.94	9.35	3.623	130.4	64.73	9.95	91.3	92.5	-1.142	31.71	29.25	26.3	908.19
"2012-09-05	14:00:00"	4.628	175.8	64.91	12.33	4.482	171.8	68.79	11.14	95.1	96.5	-1.451	26.85	24.26	26.282	895.25
"2012-09-05	15:00:00"	4.136	252.3	57.49	12.93	4.833	255.3	62.37	12.93	96.7	98.5	-1.749	24.44	21.71	26.259	842.72
"2012-09-05	16:00:00"	7.802	157.2	53	15.91	6.931	159.4	54.79	15.31	97.1	98.5	-1.375	24.16	21.59	26.237	553.73
"2012-09-05	17:00:00"	7.087	68.49	49.25	16.51	6.506	70.45	51.5	14.72	96.1	96.9	-0.799	25.17	23.04	26.219	159.89
"2012-09-05	18:00:00"	16.15	356.6	32.96	54.68	12.35	356.5	34.72	46.92	90	88	1.94	31.41	34.48	26.217	58.532
"2012-09-05	19:00:00"	12.64	175.4	50.5	25.45	9.81	181.1	53.79	21.87	89.1	87.2	1.977	32.24	35.65	26.22	72.927
"2012-09-05	20:00:00"	12.9	149.4	24.18	26.65	9.98	147.6	24.56	22.47	88.7	87.4	1.287	30.37	32.18	26.214	63.786
"2012-09-05	21:00:00"	14.74	79.85	28.39	28.43	11.44	79.1	26.88	24.86	82.3	81.4	0.89	43.16	44.41	26.249	8.9234
"2012-09-05	22:00:00"	8.07	59.49	70.84	20.68	6.425	53.94	71.35	17.1	76.64	75.68	0.964	56.92	59.81	26.297	0
"2012-09-05	23:00:00"	11.74	206.8	22.53	26.65	9.26	206.8	24.77	21.28	73.63	73.37	0.262	69.62	70.36	26.333	0
"2012-09-06	00:00:00"	15.16	204.1	14.13	24.86	12.2	201.8	14.94	20.09	72.33	71.99	0.346	73.59	74.21	26.359	0.00048

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-09-06	01:00:00"	21.97	176.9	7.883	29.63	17.36	175.5	10.23	25.45	71.81	71.54	0.269	74.67	75.09	26.375	0.0001	0.01
"2012-09-06	02:00:00"	19.95	175.3	15.21	42.75	16	173.8	17.86	35	71.41	71.02	0.381	68.33	69.07	26.368	0	0.02
"2012-09-06	03:00:00"	20.04	133.4	12.88	29.03	15.6	134.2	12.42	26.05	69.1	68.81	0.29	76.37	77.25	26.376	0	0.01
"2012-09-06	04:00:00"	19.47	144.3	15.71	29.63	15.4	144.7	15.67	25.45	70.34	69.96	0.378	69.89	70.72	26.368	0	0
"2012-09-06	05:00:00"	15.74	189	24.01	28.43	12.5	188.3	24.28	22.47	71.56	71.15	0.402	63.64	64.15	26.354	0	0
"2012-09-06	06:00:00"	10.38	244	23.72	16.51	8.16	250.9	28.53	14.72	72.14	71.74	0.405	62.62	63.08	26.326	0	0
"2012-09-06	07:00:00"	5.975	143.1	78.51	15.91	4.245	119.8	79.21	12.33	72.7	71.29	1.408	61.13	65.83	26.329	0	0
"2012-09-06	08:00:00"	5.65	48.12	33.97	10.54	4.059	42.82	44.68	8.75	70.65	69.37	1.278	66.1	69.82	26.376	13.587	0
"2012-09-06	09:00:00"	3.217	30.37	42.8	6.964	2.706	34.36	45.39	6.368	70.68	70.82	-0.14	71.29	70.82	26.391	162.48	0
"2012-09-06	10:00:00"	2.74	75.14	26.2	6.964	2.301	77.05	30.54	6.964	74.04	74.51	-0.47	63.8	62.68	26.402	354.75	0
"2012-09-06	11:00:00"	3.746	55.55	24.53	8.16	3.337	58.07	27.93	7.561	77.5	78.34	-0.838	54.55	53.3	26.406	549.82	0
"2012-09-06	12:00:00"	3.017	169.6	66.29	7.561	3.122	168	67.58	6.368	80.5	81.2	-0.673	49.35	48.45	26.41	718.03	0
"2012-09-06	13:00:00"	5.793	170.3	29.93	12.93	5.217	168.3	36.16	11.14	82.9	83.9	-0.972	45.5	44.23	26.4	832.1	0
"2012-09-06	14:00:00"	6.904	149.5	25.34	14.12	6.096	150.4	24.9	12.33	84.5	85.6	-1.095	43.3	41.28	26.387	886.09	0
"2012-09-06	15:00:00"	7.68	147.1	26.94	15.31	6.846	147.5	28.71	13.52	85.5	86.8	-1.315	42.16	39.73	26.371	856.84	0
"2012-09-06	16:00:00"	10.64	150.5	23.14	18.3	9.05	150.6	23.42	17.7	87.3	88.8	-1.536	40.7	38.11	26.346	801.58	0
"2012-09-06	17:00:00"	12.89	150.9	18.53	20.68	10.73	150.7	19.21	18.3	88.2	89.8	-1.555	37.29	34.91	26.32	689.45	0
"2012-09-06	18:00:00"	12.05	148.2	15.64	18.89	9.93	148	16.07	17.1	89.3	90.5	-1.198	36.06	33.92	26.305	464.25	0
"2012-09-06	19:00:00"	10.73	156.5	15.61	16.51	8.89	155.6	16.73	14.72	90	90.6	-0.667	34.54	32.83	26.298	247.83	0
"2012-09-06	20:00:00"	8.33	160.9	12.18	15.31	6.821	159.7	12.75	11.74	89.5	89.6	-0.057	33.69	32.58	26.292	85.235	0
"2012-09-06	21:00:00"	4.666	162.1	11.62	7.561	3.548	163.8	14.32	6.368	86.6	86	0.627	40.2	40.72	26.294	1.0344	0
"2012-09-06	22:00:00"	2.396	173.2	22.89	4.578	1.326	157.3	40.74	3.982	84.3	82.6	1.682	44.68	48.79	26.303	0	0
"2012-09-06	23:00:00"	1.712	137.8	34.64	5.771	1.426	95	60.3	3.386	83	81	1.933	46.67	52.48	26.32	0	0
"2012-09-07	00:00:00"	7.462	156.1	14.34	15.31	5.384	149.6	22.19	11.14	82.3	80.9	1.457	46.75	49.84	26.34	0	0
"2012-09-07	01:00:00"	10	175.8	9.82	16.51	7.535	174.8	12.28	12.93	79.7	78.99	0.701	52.33	53.02	26.346	0	0
"2012-09-07	02:00:00"	10.96	176.1	8.27	15.91	8.36	174.8	10.15	12.33	78.13	77.5	0.629	49.11	49.49	26.342	0	0
"2012-09-07	03:00:00"	5.987	186.2	9.03	10.54	4.21	189	12.61	7.561	76	75.17	0.822	49.69	50.9	26.342	0	0
"2012-09-07	04:00:00"	7.812	187.4	7.939	14.12	5.515	191.6	11.08	10.54	75.32	74.44	0.876	46.58	47.79	26.331	0	0
"2012-09-07	05:00:00"	7.489	194.4	9.72	11.14	5.443	198.3	10.89	9.35	72.85	72.27	0.574	50.52	50.87	26.319	0	0
"2012-09-07	06:00:00"	7.301	188.8	9.52	12.33	5.115	191.2	12.79	9.95	72.19	71.42	0.777	50.02	51.02	26.318	0	0
"2012-09-07	07:00:00"	9.33	179	11.36	12.93	6.91	178.8	14.31	10.54	71.89	71.31	0.583	49.99	50.22	26.318	0	0
"2012-09-07	08:00:00"	6.747	200.4	14.32	10.54	4.978	204.1	15.12	8.75	70.33	69.83	0.503	55.01	55.19	26.327	11.321	0
"2012-09-07	09:00:00"	5.993	197.7	12.48	9.35	4.804	196.5	12.41	8.16	71.65	71.63	0.02	54.56	53.92	26.338	150.08	0
"2012-09-07	10:00:00"	7.108	196.9	16.44	11.74	5.757	196.6	18.51	9.95	76.7	77.18	-0.477	47.16	45.67	26.347	354.72	0
"2012-09-07	11:00:00"	6.774	202.9	18.43	11.74	5.731	203	21.05	9.95	81.1	82	-0.851	41.47	39.39	26.349	558.82	0
"2012-09-07	12:00:00"	5.839	212.8	18.59	9.95	5.079	216.3	23.32	8.75	85.1	85.9	-0.881	38.83	36.81	26.346	728.38	0
"2012-09-07	13:00:00"	6.117	193.9	26.67	12.93	5.443	194.5	31.49	10.54	89.9	91	-1.158	33.35	31.2	26.332	844.88	0
"2012-09-07	14:00:00"	7.928	186	24.68	16.51	6.947	185.3	28.74	14.12	91.8	93.3	-1.493	31.26	28.86	26.318	898.93	0
"2012-09-07	15:00:00"	8.42	183.1	28.62	17.1	7.579	183.5	30.79	14.72	93.2	94.8	-1.58	29.06	26.63	26.297	873.48	0
"2012-09-07	16:00:00"	9.19	175.5	31.88	20.68	8.38	176.3	34.06	18.3	94.4	96	-1.576	26	23.61	26.272	822.05	0
"2012-09-07	17:00:00"	7.527	163.6	23.79	18.3	7.569	162.7	25.37	14.12	94.8	96.2	-1.359	23.83	21.58	26.256	689.01	0
"2012-09-07	18:00:00"	9.84	156.8	18.51	18.89	8.67	157.3	20.4	16.51	95	96.2	-1.16	23.06	20.93	26.255	532.02	0
"2012-09-07	19:00:00"	14.55	63.41	45.7	26.05	12.46	65.42	45.51	23.07	89.6	90.3	-0.671	32.39	30.35	26.279	174.68	0
"2012-09-07	20:00:00"	14.37	40.08	10.31	20.68	11.73	41.81	11.92	18.3	85.2	85.3	-0.129	38.46	36.94	26.292	39.629	0
"2012-09-07	21:00:00"	14.51	34.5	9.04	24.26	11.72	36.4	11.22	20.09	82.5	82.4	0.156	42.76	41.39	26.317	0.51033	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-07	22:00:00"	20.16	39.2	8.12	30.82	16.39	41.03	9.77	28.43	79.3	79.24	0.064	49.47	48.01	26.361	0	0
"2012-09-07	23:00:00"	25.19	32.23	9.71	41.56	20.29	33.5	12.23	33.8	75.93	75.97	-0.047	47.08	45.54	26.408	0	0
"2012-09-08	00:00:00"	25.65	28.04	8.51	40.36	20.53	29.37	12.25	34.4	70.92	71.08	-0.163	50.02	48.36	26.455	0	0
"2012-09-08	01:00:00"	27.72	41.36	8.98	40.36	22.41	43.45	10.4	35.59	68.69	68.79	-0.099	50.62	49	26.47	0	0
"2012-09-08	02:00:00"	28.85	44.38	8.13	41.56	23.22	46.34	9.41	37.38	67.74	67.8	-0.059	48.51	46.91	26.487	0	0
"2012-09-08	03:00:00"	23.01	41.14	8.09	35.59	18.69	43.02	9.82	31.42	66.4	66.43	-0.024	49.8	48.3	26.508	0	0
"2012-09-08	04:00:00"	21.12	34.52	8.5	36.19	17.28	35.69	11	29.63	65.36	65.47	-0.115	51.96	50.4	26.533	0	0
"2012-09-08	05:00:00"	19.48	36.89	8.49	27.84	15.87	38.35	10.86	24.26	64.23	64.42	-0.186	53.96	52.3	26.541	0	0
"2012-09-08	06:00:00"	19.38	49.21	9.65	30.22	15.24	51.56	11.21	25.45	63.47	63.64	-0.168	52.5	50.84	26.55	0	0
"2012-09-08	07:00:00"	18.6	52.32	10.5	26.65	14.81	54.69	12.62	23.07	62.48	62.66	-0.18	50.64	48.91	26.58	0	0
"2012-09-08	08:00:00"	11.17	58.18	10.88	23.07	8.68	61.11	12.9	16.51	62.33	62.53	-0.205	51.25	49.56	26.622	3.7395	0
"2012-09-08	09:00:00"	14.56	48.08	11.26	22.47	11.74	50.37	13.2	18.89	62.29	62.58	-0.29	52.86	51.05	26.64	37.608	0
"2012-09-08	10:00:00"	14.18	48.79	11.29	23.66	11.22	50.99	12.88	20.68	62.46	62.97	-0.515	54.43	52.31	26.642	102.45	0
"2012-09-08	11:00:00"	14.73	37.68	13.59	29.03	12.01	38.99	16.21	24.26	63.67	64.93	-1.262	53.83	50.59	26.646	352.07	0
"2012-09-08	12:00:00"	16.13	45.3	11.85	26.65	13.22	46.84	13.67	21.28	65.06	66.28	-1.228	47.73	44.49	26.649	335.5	0
"2012-09-08	13:00:00"	14.1	46.24	14.96	22.47	11.54	48.49	17.38	18.89	66.08	67.31	-1.225	44.73	41.61	26.646	351.86	0
"2012-09-08	14:00:00"	13.25	46.3	15.81	23.66	10.94	48.01	18.56	20.09	66.93	68.37	-1.443	42.18	39.04	26.633	424.72	0
"2012-09-08	15:00:00"	13.15	43.2	18.66	20.68	10.95	45.19	21.96	18.3	68.02	70.14	-2.122	41.31	37.62	26.616	751.91	0
"2012-09-08	16:00:00"	12.98	41.47	16.12	27.24	10.89	44.19	19.02	22.47	69.85	72.44	-2.587	38.47	34.63	26.597	908.3	0
"2012-09-08	17:00:00"	14.1	28.9	15.43	23.07	11.65	29.3	19.21	21.28	68.95	71.17	-2.215	37.12	33.75	26.58	474.81	0
"2012-09-08	18:00:00"	12.35	29.08	11.78	20.68	10.27	30.3	15.36	17.7	67.59	68.86	-1.268	39.73	37.02	26.572	214.74	0
"2012-09-08	19:00:00"	11.68	24.26	11.89	18.3	9.6	24.32	15.9	17.1	66.85	67.76	-0.913	43.95	41.2	26.569	116.73	0
"2012-09-08	20:00:00"	11.12	10.53	10.22	15.31	8.74	7.645	15.5	13.52	66.12	66.58	-0.455	46.53	44.41	26.568	24.672	0
"2012-09-08	21:00:00"	9.95	2.916	12.54	15.31	7.902	359.6	13.33	14.12	64.2	64.4	-0.202	48.94	47.26	26.572	0.23743	0
"2012-09-08	22:00:00"	7.145	358.3	12.57	11.14	5.751	354.6	11.76	9.95	63.42	63.47	-0.044	47.84	46.55	26.581	0	0
"2012-09-08	23:00:00"	7.736	346.6	9.9	12.93	6.145	345.1	10.81	11.14	62.87	62.97	-0.097	52.3	50.92	26.589	0	0
"2012-09-09	00:00:00"	5.682	345.9	7.55	9.35	4.34	344.3	8.74	8.16	61.66	61.62	0.045	54.76	53.8	26.586	0	0
"2012-09-09	01:00:00"	4.767	330.5	7.725	6.964	3.652	331.3	8.38	6.368	61.76	61.75	0.009	56.82	55.91	26.583	0	0
"2012-09-09	02:00:00"	5.479	324.8	7.069	7.561	3.936	327.1	8.61	6.368	61.72	61.61	0.113	58.16	57.47	26.578	0	0
"2012-09-09	03:00:00"	5.412	333.5	8.61	8.16	4.099	334.4	9.06	6.368	61.79	61.7	0.088	58.91	58.14	26.579	0	0
"2012-09-09	04:00:00"	7.179	351.8	11.32	9.95	5.597	349.8	10.87	8.75	61.5	61.45	0.059	61.75	60.8	26.574	0	0
"2012-09-09	05:00:00"	6.96	354.9	12.09	9.35	5.345	351.9	11.19	8.16	60.78	60.72	0.054	66.13	65.23	26.568	0	0
"2012-09-09	06:00:00"	5.979	355.1	10.8	8.75	4.616	351.7	10.82	6.964	60.93	60.93	0.004	67.66	66.74	26.569	0	0
"2012-09-09	07:00:00"	7.288	7.144	9.79	9.95	5.719	4.297	13.13	8.75	61.1	61.09	0.008	69.78	68.81	26.575	0	0
"2012-09-09	08:00:00"	7.128	13.98	5.946	9.95	5.661	11.09	10.23	8.16	61.15	61.15	-0.005	70	69.11	26.58	3.856	0
"2012-09-09	09:00:00"	7.623	12.94	6.861	10.54	6.231	10.39	11.42	9.35	62.21	62.48	-0.263	66.77	65.46	26.586	68.949	0
"2012-09-09	10:00:00"	6.637	32.74	12.29	9.35	5.803	34.03	14.95	8.75	65.13	65.83	-0.701	55.56	53.5	26.598	188.26	0
"2012-09-09	11:00:00"	6.471	41.67	19	11.14	5.695	42.65	22.35	9.35	67.24	68.39	-1.141	48.95	46.1	26.608	371.73	0
"2012-09-09	12:00:00"	5.785	33.95	21.53	10.54	5.04	35.09	25.71	9.95	69.12	70.56	-1.436	42.9	39.73	26.606	420.54	0
"2012-09-09	13:00:00"	5.957	32.97	33.15	12.33	5.216	35.31	39.85	11.74	70.33	71.86	-1.522	41.11	38.09	26.596	540.74	0
"2012-09-09	14:00:00"	10.07	21.37	17.8	17.7	8.45	20.42	22.82	15.91	71.48	74.01	-2.532	40.06	36.23	26.576	789.65	0
"2012-09-09	15:00:00"	9.32	18.4	20.44	17.1	7.749	18.24	24.1	15.91	71.83	74.12	-2.294	38.95	35.43	26.56	618.68	0
"2012-09-09	16:00:00"	7.334	41.86	29.18	13.52	6.12	44.1	31.59	14.12	74.13	75.8	-1.672	35.26	32.41	26.54	551.85	0
"2012-09-09	17:00:00"	6.628	42.47	39.78	13.52	5.719	41.1	43.02	12.93	75.83	77.54	-1.705	33.24	30.39	26.522	616.76	0
"2012-09-09	18:00:00"	5.612	60.26	41.48	13.52	4.726	63.48	47.25	11.74	76.89	78.16	-1.276	31.83	29.35	26.507	461.51	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2012-09-09	19:00:00"	6.532	54.09	30.79	12.33	5.564	56.32	31.58	11.74	77.61	78.76	-1.155	30.9	28.55	26.496	277.53	0
"2012-09-09	20:00:00"	7.3	58.07	12.35	10.54	5.831	60.65	14.29	9.35	76.53	76.85	-0.328	30.22	28.51	26.489	54.452	0
"2012-09-09	21:00:00"	6.373	61.77	7.711	9.35	4.389	64.63	10.1	7.561	74.45	74.37	0.074	33.19	32.07	26.491	0.82978	0
"2012-09-09	22:00:00"	6.324	59.45	8.34	8.75	4.285	62.07	10.63	6.964	71.81	71.63	0.183	34.69	33.91	26.505	0	0
"2012-09-09	23:00:00"	6.262	61.6	7.192	8.16	4.276	62.34	10.58	6.368	69.67	69.45	0.22	35.67	35.08	26.512	0	0
"2012-09-10	00:00:00"	7.178	69.72	10.58	8.75	4.409	65.52	9.35	6.368	69.3	68.37	0.932	35.82	36.16	26.512	0	0
"2012-09-10	01:00:00"	6.914	80	5.27	8.16	4.164	64.77	9.01	5.771	69.08	67.16	1.926	36.65	38.27	26.509	0	0
"2012-09-10	02:00:00"	6.856	74.78	8.9	8.16	3.956	56.61	11.44	5.771	68.35	65.72	2.63	37.63	40.68	26.507	0	0
"2012-09-10	03:00:00"	7.89	76.97	5.434	9.35	4.792	68.34	8.86	6.368	66.18	64.07	2.116	40.35	42.89	26.498	0	0
"2012-09-10	04:00:00"	7.484	74.79	6.297	8.75	4.486	65.47	9.64	6.368	64.39	62.76	1.623	43.98	45.64	26.491	0	0
"2012-09-10	05:00:00"	8.32	95.2	8.93	9.95	4.489	74.81	8.41	6.368	63.43	60.8	2.631	45.32	49.35	26.488	0	0
"2012-09-10	06:00:00"	8.83	97.7	6.115	9.95	4.611	79.75	8.06	6.368	63.5	60.31	3.194	43.71	49.48	26.488	0	0
"2012-09-10	07:00:00"	8.58	85	9.11	10.54	5.102	71.18	10.1	6.964	61.2	58.97	2.23	47.95	52.08	26.489	0	0
"2012-09-10	08:00:00"	8.35	104.5	14.57	11.74	5.382	97.7	18.58	9.35	61.27	60.33	0.936	46.19	47.37	26.494	15.669	0
"2012-09-10	09:00:00"	8.91	146.1	12.09	12.93	7.245	146	12.44	11.74	66.55	66.67	-0.114	35.23	34.06	26.498	153.86	0
"2012-09-10	10:00:00"	8.44	176	10.96	12.93	6.827	175.7	12.8	11.14	71.04	71.21	-0.169	29.09	27.79	26.502	247.3	0
"2012-09-10	11:00:00"	11.13	175.5	11.02	16.51	8.95	174.1	13.53	14.12	75.39	76.42	-1.027	23.15	21.27	26.505	587.21	0
"2012-09-10	12:00:00"	11.2	180.2	13.46	17.7	9.17	179.5	16.66	15.31	78.05	79.4	-1.345	21.8	19.64	26.505	723.48	0
"2012-09-10	13:00:00"	11.87	179.5	15.53	20.68	9.67	178.9	17.83	15.91	80.1	81.7	-1.663	21.15	18.83	26.495	836.75	0
"2012-09-10	14:00:00"	11.08	183.6	17.05	19.49	9.03	184.2	20.75	16.51	81.3	83.2	-1.898	21.85	19.34	26.474	889.14	0
"2012-09-10	15:00:00"	10.39	172.5	18.96	21.87	8.62	171.7	22.19	16.51	82.5	84.3	-1.793	22.53	20	26.449	860.69	0
"2012-09-10	16:00:00"	9.93	181.7	21.9	19.49	8.25	180	24.29	15.91	83.9	85.5	-1.611	22.39	19.94	26.424	799.35	0
"2012-09-10	17:00:00"	11	182.4	16.74	20.68	8.96	182.3	20.32	18.3	84.9	86.6	-1.664	22.15	19.69	26.398	664.94	0
"2012-09-10	18:00:00"	10.51	170.5	21.75	19.49	8.76	169.9	24.01	15.91	85.4	86.7	-1.3	22.1	19.81	26.379	484.52	0
"2012-09-10	19:00:00"	10.41	171.3	15.14	18.3	8.61	170.7	17.26	15.31	85.3	86.1	-0.801	22.71	20.68	26.369	245.34	0
"2012-09-10	20:00:00"	9.09	164.9	10.49	14.72	7.504	163.6	12.02	13.52	84.6	84.8	-0.167	23.72	22.08	26.366	78.057	0
"2012-09-10	21:00:00"	5.515	154.8	8.66	9.35	4.964	151.7	8.94	7.561	81.7	81.3	0.416	26.88	25.68	26.364	0.75622	0
"2012-09-10	22:00:00"	6.125	146.4	7.92	11.14	4.428	139.4	11.54	8.75	79.12	77.93	1.185	30.37	30.02	26.379	0	0
"2012-09-10	23:00:00"	9.75	144.7	8.65	15.31	7.469	143.5	8.38	13.52	77.39	76.86	0.527	30.58	29.62	26.39	0	0
"2012-09-11	00:00:00"	11.79	159.5	10.05	18.3	9.57	157.7	10.66	14.72	75.39	75.15	0.247	31.11	29.85	26.397	0	0
"2012-09-11	01:00:00"	11.29	166.6	8.19	16.51	8.89	166.1	9.85	12.93	72.33	72.03	0.302	33.75	32.66	26.4	0	0
"2012-09-11	02:00:00"	12.09	168.7	7.256	16.51	9.38	167.8	9.53	14.12	72.09	71.66	0.431	32.09	31.14	26.399	0	0
"2012-09-11	03:00:00"	10.63	169.7	7.434	16.51	8.12	168.4	9.4	12.33	71.86	71.42	0.443	30.62	29.62	26.391	0	0
"2012-09-11	04:00:00"	9.88	170.9	7.18	14.12	7.386	169.2	9.34	11.14	70.12	69.63	0.491	31.87	30.98	26.38	0	0
"2012-09-11	05:00:00"	7.863	181.7	9.95	12.33	5.716	183.5	14.27	9.95	68.17	67.61	0.563	34.22	33.45	26.373	0	0
"2012-09-11	06:00:00"	8.43	176.3	10.75	12.93	6.202	177.5	13.74	10.54	66.57	66.11	0.463	36.89	36.04	26.371	0	0
"2012-09-11	07:00:00"	7.428	182.8	9.59	11.14	5.387	185.6	13.54	9.35	65.02	64.58	0.447	40.41	39.51	26.374	0	0
"2012-09-11	08:00:00"	7.383	179.7	10.01	11.74	5.331	181.9	13.65	8.75	64.1	63.65	0.45	42.16	41.34	26.381	9.1878	0
"2012-09-11	09:00:00"	8.62	182.1	10.84	15.91	6.748	183.7	14.25	12.93	66.39	66.37	0.016	39.9	38.57	26.391	144.31	0
"2012-09-11	10:00:00"	15.4	179.5	7.961	23.07	12.3	179	11.34	21.28	71.88	72.32	-0.448	35.23	33.49	26.39	351.52	0
"2012-09-11	11:00:00"	13.55	183.7	11.06	19.49	10.94	183.7	14.51	16.51	76.48	77.43	-0.947	31.44	29.28	26.396	537.19	0
"2012-09-11	12:00:00"	12.01	190	12.78	18.3	9.93	189.8	15.3	17.1	79.71	80.9	-1.206	29.93	27.57	26.397	625.01	0
"2012-09-11	13:00:00"	11.53	185.4	15.58	18.89	9.5	185.2	18.74	16.51	83.9	85.6	-1.706	29.27	26.58	26.383	851.36	0
"2012-09-11	14:00:00"	9.89	192	19.2	20.68	8.32	192	21.93	18.3	87	88.8	-1.8	27.79	25.05	26.366	885.91	0
"2012-09-11	15:00:00"	11.21	197.2	22.25	20.68	9.29	198.1	26.22	16.51	89.1	90.9	-1.807	25.51	22.79	26.346	856.18	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-11	16:00:00"	11.81	194.4	21.17	22.47	9.81	195.8	25.32	18.3	89.9	91.6	-1.66	24.77	22.15	26.322	792.17	0	
"2012-09-11	17:00:00"	12.33	192.9	17.23	21.28	10.1	192.8	20.12	18.3	90.7	92.1	-1.437	23.12	20.67	26.303	544.27	0	
"2012-09-11	18:00:00"	12.82	188.1	14.61	20.09	10.42	188.4	16.94	17.1	90.5	91.5	-1.023	22.64	20.43	26.296	364.21	0	
"2012-09-11	19:00:00"	11.64	180.6	11.63	18.3	9.36	180.5	15.64	15.91	90	90.5	-0.462	22.93	21.05	26.293	126.38	0	
"2012-09-11	20:00:00"	11.15	172.7	8.01	16.51	8.83	171.2	10.75	13.52	88.7	88.6	0.069	23.87	22.3	26.292	40.437	0	
"2012-09-11	21:00:00"	8.67	159.6	10.51	15.31	6.988	158.6	11.2	12.33	84.6	84.4	0.226	28.11	26.71	26.302	0.3611	0	
"2012-09-11	22:00:00"	11.24	166.6	8.02	17.7	8.94	165	9.29	14.12	81.1	80.8	0.237	31.91	30.6	26.327	0	0	
"2012-09-11	23:00:00"	12.45	165.7	8.78	19.49	9.83	165	10.33	15.91	79.65	79.37	0.284	32.84	31.59	26.342	0	0	
"2012-09-12	00:00:00"	11.5	197.7	16.56	20.09	9.07	197.1	17.56	16.51	77.87	77.68	0.19	33.96	32.62	26.369	0	0	
"2012-09-12	01:00:00"	10.95	179.1	8.22	16.51	8.56	177.9	10.76	13.52	75.98	75.67	0.311	34.8	33.67	26.37	0	0	
"2012-09-12	02:00:00"	9.97	172.5	7.522	13.52	7.698	171.4	9.46	11.14	74.21	74.02	0.195	35.95	34.79	26.36	0	0	
"2012-09-12	03:00:00"	12.02	172	7.2	16.51	9.36	171.2	9.55	14.72	74.38	74.26	0.121	36.36	35.17	26.354	0	0	
"2012-09-12	04:00:00"	12.61	170.6	8.31	19.49	9.94	169.6	10.33	18.3	73.95	73.87	0.085	37.7	36.39	26.343	0	0	
"2012-09-12	05:00:00"	10.64	183.4	11.87	16.51	8.38	183.6	14.36	12.93	73.14	73.11	0.031	38.88	37.52	26.341	0	0	
"2012-09-12	06:00:00"	8.31	188.4	9.09	12.93	6.544	190.7	12.77	10.54	71.94	71.88	0.065	40.47	39.03	26.341	0	0	
"2012-09-12	07:00:00"	5.92	195.7	14	9.35	4.517	198.1	14.85	7.561	70.54	70.41	0.138	42.42	41	26.345	0	0	
"2012-09-12	08:00:00"	5.378	204.6	12.52	8.16	4.289	201.5	11.78	6.964	69.75	69.64	0.11	43.57	42.16	26.359	5.878	0	
"2012-09-12	09:00:00"	5.789	204.3	11.16	8.75	4.805	201.2	11.45	6.964	70.13	70.22	-0.089	43.17	41.57	26.368	66.737	0	
"2012-09-12	10:00:00"	7.535	201.2	11.32	11.14	6.193	202.6	13.29	9.95	72.48	72.86	-0.382	39.69	37.89	26.37	171.08	0	
"2012-09-12	11:00:00"	6.297	214.9	16.98	9.95	5.469	217.5	19.94	9.35	75.99	76.8	-0.811	37.41	35.33	26.375	391.18	0	
"2012-09-12	12:00:00"	5.231	229.2	29.88	9.95	4.642	230.4	32.94	9.35	81	82.1	-1.068	35.36	33.03	26.376	680.51	0	
"2012-09-12	13:00:00"	8.83	195.5	18.78	15.31	7.588	195.5	21.3	12.93	83.9	85.1	-1.149	34.1	31.65	26.369	420.29	0	
"2012-09-12	14:00:00"	10.93	179	11.52	16.51	9.43	179	14.45	14.72	82.9	84.2	-1.284	34.87	32.33	26.362	470.77	0	
"2012-09-12	15:00:00"	12.1	171.9	11.97	17.7	9.94	172	14.38	15.31	83.3	84.3	-1.03	35.21	32.89	26.349	296.51	0	
"2012-09-12	16:00:00"	14.21	167.1	10.79	20.09	11.53	165.8	12.67	17.1	81.8	82.7	-0.859	37.44	35.24	26.338	262.43	0	
"2012-09-12	17:00:00"	13.93	148.4	11.64	20.09	11.6	147.9	11.79	17.1	83.7	85.1	-1.398	34.84	32.28	26.316	628.62	0	
"2012-09-12	18:00:00"	14.89	153.7	12.75	21.87	12.25	153.3	13.56	19.49	85.1	86.4	-1.225	31.21	28.7	26.302	499.68	0	
"2012-09-12	19:00:00"	12.32	162.1	11.57	20.09	10.12	160.9	12.87	18.3	84.1	84.6	-0.477	31.98	30.02	26.303	121.65	0	
"2012-09-12	20:00:00"	9.37	156	10.76	15.31	8.33	155.2	11.74	13.52	83.9	84	-0.153	33.36	31.68	26.317	71.109	0	
"2012-09-12	21:00:00"	7.901	130	15.52	12.33	6.776	129.5	17.09	9.95	80.8	80.6	0.243	37.36	36	26.331	0.31764	0	
"2012-09-12	22:00:00"	9.22	96.5	13.96	19.49	6.643	92.3	19.01	16.51	77.95	77.47	0.485	41.83	40.76	26.351	0	0	
"2012-09-12	23:00:00"	7.731	96.8	20.19	15.91	6.177	96.9	20.97	13.52	76.96	76.89	0.067	49.83	48.67	26.379	0	0	
"2012-09-13	00:00:00"	7.344	255.6	45.04	14.72	5.48	259.8	44.42	9.95	74.5	74.35	0.153	58.26	57.93	26.411	0	0	
"2012-09-13	01:00:00"	12.11	164.4	14.72	20.09	9.77	164.1	16.73	19.49	69.13	69.4	-0.267	66.39	64.65	26.419	0	0	
"2012-09-13	02:00:00"	5.953	255.7	87.9	13.52	4.485	265.8	86.3	11.74	67.41	67.37	0.042	73.41	73.51	26.442	0	0	
"2012-09-13	03:00:00"	14.2	7.802	13.22	24.86	11	5.099	16.44	21.28	65.03	64.95	0.086	81.1	81.8	26.45	0.28775	0.01	
"2012-09-13	04:00:00"	18.64	16.15	13.78	26.65	14.77	15.37	18.64	23.07	59.67	59.67	0.004	86.7	86.7	26.437	0	0	
"2012-09-13	05:00:00"	19.06	27.6	7.343	28.43	15.43	29.3	10.84	23.07	58.02	58.15	-0.128	85.7	85.2	26.442	0	0	
"2012-09-13	06:00:00"	18.04	21.64	10.3	29.03	14.34	21.79	14.58	24.86	57.23	57.38	-0.154	84.8	84.2	26.463	0	0	
"2012-09-13	07:00:00"	17.09	14.34	8.49	25.45	13.5	11.88	14.47	23.07	56.95	57.06	-0.111	85.6	85.6	26.497	0.22841	0.03	
"2012-09-13	08:00:00"	20.04	18.99	6.633	27.84	15.69	17.76	14.17	24.86	56.3	56.37	-0.071	87.3	87.7	26.497	1.4469	0.04	
"2012-09-13	09:00:00"	14.41	21.53	9.12	22.47	11.53	21.69	14.41	21.28	56.73	56.82	-0.09	87.6	87.7	26.532	16.584	0	
"2012-09-13	10:00:00"	17.09	23.99	8.52	24.86	13.63	24.63	13.69	21.87	57.17	57.38	-0.208	87	87	26.558	64.084	0	
"2012-09-13	11:00:00"	18.35	27.56	7.158	26.65	14.8	29.02	10.95	23.66	57.62	57.91	-0.284	85.1	84.9	26.577	96.758	0	
"2012-09-13	12:00:00"	19.21	28.32	8.66	26.65	15.51	29.92	12.64	24.86	57.79	58.34	-0.553	83.2	82.5	26.59	179.52	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-13	13:00:00"	20.02	29.97	8.35	30.22	16.35	31.24	11.66	27.84	58.29	58.97	-0.68	79.53	78.53	26.599	242.63	0	
"2012-09-13	14:00:00"	20.36	26.11	10.28	27.84	16.51	27.23	14.2	24.86	58.8	59.7	-0.899	77.86	76.29	26.594	272.32	0	
"2012-09-13	15:00:00"	20.03	30.58	8.96	28.43	16.08	31.9	12.27	23.66	58.98	59.57	-0.582	76.53	75.16	26.591	131.41	0	
"2012-09-13	16:00:00"	19	35.93	8.47	27.84	15.59	37.73	10.75	25.45	58.8	59.25	-0.454	76.32	74.99	26.586	100.92	0	
"2012-09-13	17:00:00"	18.21	36.3	8.07	26.05	14.87	38.43	10.4	22.47	58.8	59.22	-0.427	76.4	75.08	26.581	97.456	0	
"2012-09-13	18:00:00"	16.91	34.4	8.38	24.26	13.87	36.04	11.08	21.87	58.64	58.98	-0.345	78.1	76.95	26.581	64.959	0	
"2012-09-13	19:00:00"	17.11	31.54	8.37	26.05	13.9	33.28	11.29	23.07	58.09	58.38	-0.297	79.71	78.61	26.593	38.405	0	
"2012-09-13	20:00:00"	16	29.25	8.27	29.03	12.97	30.4	11.73	23.66	57.31	57.49	-0.18	80.9	80.1	26.601	8.4446	0	
"2012-09-13	21:00:00"	15.46	20.57	7.381	23.66	12.22	21.16	12.64	20.09	58.43	58.49	-0.063	73.79	73.1	26.617	0.11799	0	
"2012-09-13	22:00:00"	16.6	31.95	9.09	24.26	13.4	33.28	12.24	20.68	58.35	58.32	0.034	73.49	72.85	26.633	0	0	
"2012-09-13	23:00:00"	14.96	39.91	7.985	23.07	12.2	41.47	10.33	19.49	58.51	58.48	0.025	71.99	71.32	26.654	0	0	
"2012-09-14	00:00:00"	15.27	36.06	8.24	23.66	12.44	37.46	10.38	21.87	58.05	58.09	-0.038	74.41	73.64	26.669	0	0	
"2012-09-14	01:00:00"	14.89	42.12	8.35	23.66	12.17	44.13	10.29	19.49	56.48	56.61	-0.132	79.87	78.93	26.677	0	0	
"2012-09-14	02:00:00"	11.92	37.2	8.85	18.89	9.84	39.32	11.15	17.1	56.04	56.2	-0.163	80.2	79.21	26.666	0	0	
"2012-09-14	03:00:00"	12.18	26.04	7.662	19.49	9.91	27.12	11.86	17.7	55.86	56.02	-0.165	79.94	78.9	26.662	0	0	
"2012-09-14	04:00:00"	12.95	24.52	9.26	19.49	10.44	24.81	13.47	16.51	55.82	56.01	-0.182	78.3	77.32	26.65	0	0	
"2012-09-14	05:00:00"	13.05	18.55	8.1	20.09	10.3	17.75	13.61	17.7	55.74	55.88	-0.139	77.03	76.1	26.636	0	0	
"2012-09-14	06:00:00"	8.89	22.97	7.546	17.1	7.232	23.88	12.07	15.31	55.42	55.52	-0.098	77.7	76.84	26.641	0	0	
"2012-09-14	07:00:00"	7.582	358.8	12.52	11.74	6.135	355.4	12.99	9.95	55.32	55.38	-0.061	78.48	77.77	26.648	0	0	
"2012-09-14	08:00:00"	10.24	0.64	11.95	14.72	8.15	356.6	12.86	12.93	55	55.07	-0.076	78.58	77.81	26.654	2.432	0	
"2012-09-14	09:00:00"	12.91	3.625	11.89	18.3	10.27	359.5	14.44	16.51	55.1	55.37	-0.274	75.41	74.22	26.661	64.091	0	
"2012-09-14	10:00:00"	15.76	10.9	10.09	22.47	12.54	8.46	14.59	18.89	55.39	56.06	-0.668	71.18	69.2	26.666	147.59	0	
"2012-09-14	11:00:00"	15.92	15.18	9.54	22.47	12.6	13.71	14.08	20.09	55.84	56.81	-0.97	71.38	68.82	26.675	218.62	0	
"2012-09-14	12:00:00"	16.66	17.64	9.02	23.07	13.32	17.3	14.02	21.28	56.06	57.6	-1.541	71.06	67.27	26.681	368.86	0	
"2012-09-14	13:00:00"	16.3	21.64	11.64	23.66	13.3	22.48	16.67	21.28	58.72	60.8	-2.083	65.25	60.44	26.674	612.4	0	
"2012-09-14	14:00:00"	13.6	20.31	14.67	21.28	11.41	19.85	19.49	19.49	61.75	64.39	-2.642	59.61	53.93	26.657	873.05	0	
"2012-09-14	15:00:00"	11.85	19.97	17.18	20.68	9.87	19.45	23.57	18.89	64.19	66.88	-2.691	55.88	50.17	26.636	793.15	0	
"2012-09-14	16:00:00"	11.12	20.62	20.47	18.89	9.47	19.8	24.37	17.7	66.38	68.97	-2.595	50.81	45.42	26.608	811.17	0	
"2012-09-14	17:00:00"	9.89	15.39	19.61	18.3	8.26	15.47	23.37	15.31	67.77	70.18	-2.403	45.24	40.37	26.594	655.67	0	
"2012-09-14	18:00:00"	10.06	24.19	24.43	20.09	8.4	24.06	27.99	16.51	68.25	69.92	-1.678	44.21	40.25	26.583	346.87	0	
"2012-09-14	19:00:00"	10.32	21.75	17.98	17.7	8.46	21.97	23.09	15.31	68.09	69.18	-1.09	42.52	39.5	26.581	217.49	0	
"2012-09-14	20:00:00"	8.79	19.41	15.96	14.72	6.987	18	19.63	12.33	67.35	67.52	-0.172	38.33	36.7	26.584	63.864	0	
"2012-09-14	21:00:00"	9.05	74.69	8.06	15.31	7.104	75.64	8.86	11.74	62.44	62.49	-0.047	62.33	60.51	26.595	0.29985	0	
"2012-09-14	22:00:00"	7.522	69.05	9.89	10.54	5.318	69.92	10.28	7.561	58.99	58.95	0.041	72.69	71.3	26.608	0	0	
"2012-09-14	23:00:00"	7.138	66.21	7.961	9.95	4.922	67.82	9.18	7.561	56.67	56.6	0.071	78.87	77.67	26.62	0	0	
"2012-09-15	00:00:00"	6.36	63.25	7.076	8.16	3.783	62.16	11.89	5.771	54.89	54.32	0.575	82.6	81.7	26.62	0	0	
"2012-09-15	01:00:00"	4.634	60.63	6.682	8.16	2.396	50.04	14.41	5.771	54.11	53.51	0.603	84.6	83.7	26.621	0	0	
"2012-09-15	02:00:00"	1.139	64.19	12.28	4.578	1.337	13.83	17.46	3.982	54.01	51.21	2.799	86.2	85.9	26.62	0	0	
"2012-09-15	03:00:00"	1	124.2	50.13	1.596	1.246	42.16	76.93	3.982	53.46	51.79	1.675	88.2	87.8	26.617	0	0	
"2012-09-15	04:00:00"	1.639	87.7	54.81	6.368	2.517	90.1	53.64	5.771	52.92	53.05	-0.133	90.2	90.2	26.612	0.29182	0	
"2012-09-15	05:00:00"	1.29	342.6	28.97	5.175	1.526	342.6	27.6	5.175	52.65	52.76	-0.109	90.9	90.8	26.594	0.69024	0	
"2012-09-15	06:00:00"	2.019	263.9	32.44	5.771	2.5	267.1	33.74	5.771	53.34	53.42	-0.07	91.2	91	26.592	0.69023	0	
"2012-09-15	07:00:00"	1	337.5	17.53	1	1.308	340	19.68	3.982	53.05	52.99	0.066	91.1	90.4	26.582	0.69023	0	
"2012-09-15	08:00:00"	5.935	296.8	24.04	9.95	3.885	300.7	23.74	7.561	53.96	53.97	-0.018	90.1	87.9	26.597	2.1588	0	
"2012-09-15	09:00:00"	7.224	316.5	10.08	11.14	4.976	318.7	11.25	9.35	55	55.38	-0.381	85.6	82.8	26.602	29.007	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-15	10:00:00"	6.687	322.6	9.8	11.14	5.054	324.3	11.32	9.35	57.51	57.99	-0.474	74.92	73.18	26.597	92.204	0	
"2012-09-15	11:00:00"	5.847	309.9	16.36	8.75	4.262	311.5	18.33	7.561	59.38	59.83	-0.457	59.48	57.89	26.602	107.08	0	
"2012-09-15	12:00:00"	3.635	217.3	42.73	8.16	2.999	219.4	42.98	6.964	60.22	60.49	-0.271	57.92	56.8	26.605	116.97	0	
"2012-09-15	13:00:00"	7.067	196.7	15.58	12.33	5.804	197.9	19.8	10.54	59.87	60.49	-0.624	73.81	71.55	26.598	211.57	0	
"2012-09-15	14:00:00"	4.917	224.4	38.65	9.95	4.043	225.3	41.68	9.35	61.94	62.61	-0.669	59.01	56.84	26.583	314.08	0	
"2012-09-15	15:00:00"	4.954	293.3	28.89	12.33	4.192	295.5	31.04	10.54	64.18	65.27	-1.086	39.12	36.74	26.563	336.58	0	
"2012-09-15	16:00:00"	2.482	281.8	54.17	8.75	3.104	283.2	62.69	8.16	65.38	66.44	-1.053	38.28	35.91	26.543	401.03	0	
"2012-09-15	17:00:00"	3.308	207.1	84.1	10.54	3.823	201.2	83.9	9.95	67.2	68.18	-0.984	37.72	35.36	26.519	533.59	0	
"2012-09-15	18:00:00"	5.726	190.1	35.59	11.74	5.521	189.9	40.84	11.14	67.02	67.9	-0.884	54.17	51.17	26.498	307.82	0	
"2012-09-15	19:00:00"	8.33	203.2	28.85	17.1	7.266	205.5	32.52	14.72	66.95	67.81	-0.869	56.78	53.82	26.49	233.56	0	
"2012-09-15	20:00:00"	10.15	191.6	11.14	16.51	8.23	192	13.62	14.72	65.23	65.57	-0.341	62.95	60.86	26.484	35.845	0	
"2012-09-15	21:00:00"	7.698	195.5	8.73	11.14	6.171	197.4	11.13	10.54	62.81	62.85	-0.048	69.04	67.55	26.485	0.28284	0	
"2012-09-15	22:00:00"	7.937	182.6	8.47	11.74	6.468	181.6	11.42	9.95	60.5	60.55	-0.049	76.48	75.15	26.502	0	0	
"2012-09-15	23:00:00"	7.784	193.4	12.12	11.74	6.307	193.4	12.93	9.35	58.02	58.07	-0.045	82.2	81	26.508	0	0	
"2012-09-16	00:00:00"	7.333	203.2	10.99	12.33	6.101	201.3	11.12	9.35	56.84	56.86	-0.022	84.1	83.1	26.501	0	0	
"2012-09-16	01:00:00"	7.344	195.4	10.43	11.14	5.956	195.9	11.56	9.35	55.64	55.72	-0.087	87.3	86.2	26.493	0	0	
"2012-09-16	02:00:00"	6.263	200.6	11.59	11.74	5.044	200.2	11.48	8.75	55.02	55.05	-0.035	88.6	87.5	26.481	0	0	
"2012-09-16	03:00:00"	6.673	218	12.27	10.54	5.789	220.3	12.97	9.35	54.71	54.79	-0.073	88.5	87.8	26.466	0	0	
"2012-09-16	04:00:00"	4.938	215.4	13.3	8.16	4.463	217.1	15.68	7.561	53.98	53.99	-0.014	89.9	88.9	26.456	0	0	
"2012-09-16	05:00:00"	4.068	217.3	13.26	6.964	3.598	216.8	15.34	6.368	53.58	53.51	0.064	90	89.4	26.447	0.01697	0	
"2012-09-16	06:00:00"	2.387	209.8	14.62	5.771	2.871	206.7	15.22	5.175	52.7	52.46	0.239	90.4	89.9	26.435	0.4613	0	
"2012-09-16	07:00:00"	3.776	230.4	13.33	6.368	3.032	235.1	17.17	5.771	51.72	51.57	0.153	90.8	90.6	26.43	0.69022	0	
"2012-09-16	08:00:00"	1.726	247.3	12.68	5.771	2.379	258	16.02	4.578	50.88	50.69	0.19	91	90.7	26.434	5.8265	0	
"2012-09-16	09:00:00"	1.798	253.8	11.26	5.771	2.175	260.5	13.51	4.578	52.04	52.17	-0.136	91.3	91.1	26.442	131.49	0	
"2012-09-16	10:00:00"	3.632	234.9	23.45	5.771	2.841	242.5	24.18	5.175	54.49	55.03	-0.537	91.5	89.8	26.45	348.13	0	
"2012-09-16	11:00:00"	3.749	211.6	16.61	8.16	3.83	216.5	21.51	7.561	61.11	62.41	-1.296	76.59	70.74	26.448	554.24	0	
"2012-09-16	12:00:00"	5.593	212.9	22.85	10.54	5.133	215.2	27.55	9.95	68.03	69.19	-1.158	55.75	52.57	26.436	730.69	0	
"2012-09-16	13:00:00"	6.553	198.3	29.86	11.74	5.874	200.6	33.58	11.14	72.02	73.54	-1.521	43.94	40.61	26.418	853.14	0	
"2012-09-16	14:00:00"	4.481	205	51.76	13.52	4.83	203.2	57.06	12.93	74.33	75.74	-1.405	35.52	32.82	26.402	908.13	0	
"2012-09-16	15:00:00"	4.604	127.4	62.37	11.74	5.171	131	64.88	10.54	76.13	77.71	-1.583	30.83	28.13	26.379	871.97	0	
"2012-09-16	16:00:00"	3.236	126.2	76.97	9.35	4.151	129.6	75.88	8.75	78.14	79.4	-1.26	27.7	25.21	26.353	807.93	0	
"2012-09-16	17:00:00"	10.03	153.6	30.76	24.26	8.84	152.3	31.93	19.49	78.9	80.4	-1.518	30.25	27.52	26.33	661.63	0	
"2012-09-16	18:00:00"	9.1	151.7	18.07	18.3	8.22	150.7	19.04	15.31	78.67	79.91	-1.238	31.11	28.55	26.324	474.77	0	
"2012-09-16	19:00:00"	8.37	174.6	13.21	13.52	7.194	174.1	16.16	11.74	78.34	79.14	-0.801	31.3	29.12	26.32	237.07	0	
"2012-09-16	20:00:00"	8.81	166	10.34	13.52	7.314	166	11.78	11.74	76.56	76.7	-0.145	33.48	31.83	26.321	51.779	0	
"2012-09-16	21:00:00"	7.265	158.4	9.64	10.54	5.825	157.2	10.18	9.95	73.03	72.79	0.235	38.33	36.96	26.328	0.26288	0	
"2012-09-16	22:00:00"	8.55	162.9	9.33	13.52	6.594	161.6	10.14	10.54	70.16	69.76	0.394	46.67	45.56	26.337	0	0	
"2012-09-16	23:00:00"	7.132	161.1	11.31	12.33	5.197	159	13.45	8.16	67.41	66.94	0.47	54.03	53.18	26.342	0	0	
"2012-09-17	00:00:00"	5.913	154.6	12.84	8.75	3.884	147.5	17.27	6.964	66.69	65.68	1.013	55.27	55.61	26.344	0	0	
"2012-09-17	01:00:00"	4.673	172.3	7.916	6.964	2.803	174	11.48	4.578	65.37	64.47	0.9	57.13	57.19	26.339	0	0	
"2012-09-17	02:00:00"	4.881	194.9	15.65	6.964	2.607	193.3	17.8	5.175	64.03	62.96	1.067	61.07	61.28	26.332	0	0	
"2012-09-17	03:00:00"	4.67	216.5	13.03	7.561	3.193	218.3	14.78	5.175	62.94	62.36	0.577	63.27	62.84	26.324	0	0	
"2012-09-17	04:00:00"	5.702	200	13.85	9.35	3.632	200.6	15.34	6.368	62.43	61.57	0.856	64.74	64.63	26.307	0	0	
"2012-09-17	05:00:00"	6.326	204.3	12.02	9.35	4.588	205.2	13.09	7.561	60.19	59.72	0.473	70.79	70.12	26.291	0	0	
"2012-09-17	06:00:00"	4.567	207.5	11.79	6.964	3.018	200.3	13.05	5.771	58.72	58.04	0.68	76.24	75.83	26.289	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-17	07:00:00"	5.643	204.7	11.59	8.16	4.1	200.8	11.17	6.964	57.65	57.17	0.482	80.6	79.92	26.287	0
"2012-09-17	08:00:00"	5.079	203.1	12.38	8.16	3.832	200.7	13.27	6.368	56.94	56.48	0.454	84.7	84	26.293	7.2165
"2012-09-17	09:00:00"	3.385	202.9	18.04	9.35	2.892	209.3	21.26	7.561	57.13	57.13	-0.002	87.3	86.1	26.298	134.16
"2012-09-17	10:00:00"	6.026	209.5	15.28	9.95	5.271	213.2	18.55	8.75	61.75	62.29	-0.544	78.41	76.17	26.295	339.79
"2012-09-17	11:00:00"	5.654	212.6	17.53	9.95	5.035	215.5	19.81	8.75	68.88	69.7	-0.814	57.37	54.82	26.305	552.58
"2012-09-17	12:00:00"	8.51	208.1	17.84	13.52	7.392	209.5	21.61	12.33	75.36	76.49	-1.132	37.11	34.63	26.311	721.38
"2012-09-17	13:00:00"	7.492	206.6	22.33	16.51	7.049	207.6	27.3	13.52	79.31	80.7	-1.438	29.99	27.44	26.3	805.66
"2012-09-17	14:00:00"	7.372	200.2	25.89	16.51	6.85	199.7	29.48	14.12	81.1	82.5	-1.356	27.88	25.4	26.281	689.9
"2012-09-17	15:00:00"	6.746	190.4	31.52	16.51	6.17	190.3	36.7	14.12	83.4	84.8	-1.385	27.18	24.67	26.261	766.1
"2012-09-17	16:00:00"	5.596	174.9	39.54	13.52	5.691	174.9	41.2	11.74	85.9	87.3	-1.317	24.31	21.87	26.23	769.77
"2012-09-17	17:00:00"	8.33	205.7	82.9	19.49	7.287	215	83.7	15.91	88.6	90.2	-1.584	20.34	17.96	26.208	675.49
"2012-09-17	18:00:00"	12.07	343.5	15.07	24.26	9.73	341.6	16.53	18.3	90.3	92	-1.69	11.88	9.7	26.208	459.55
"2012-09-17	19:00:00"	10.16	340.5	16.06	23.07	8.22	339.4	16.28	15.91	89.5	90.5	-0.964	12.72	10.74	26.211	250.87
"2012-09-17	20:00:00"	9.97	30.46	33.99	17.7	7.749	29.2	34.19	14.12	86.6	86.2	0.388	19.37	17.74	26.222	55.461
"2012-09-17	21:00:00"	6.66	136.6	19.49	12.93	5.079	134.5	21.15	9.95	80.3	79.43	0.825	30.24	29.18	26.238	0.26047
"2012-09-17	22:00:00"	5.8	105.5	45.07	15.31	4.189	99.9	44.14	11.74	75.79	74.88	0.909	33.72	32.92	26.27	0
"2012-09-17	23:00:00"	12.52	43.55	14.11	19.49	9.93	45.05	15.16	17.7	72.74	72.35	0.39	38.17	37.02	26.316	0
"2012-09-18	00:00:00"	15.82	37.3	8.42	23.66	12.77	38.96	10.46	19.49	71.59	71.25	0.347	38.01	36.86	26.348	0
"2012-09-18	01:00:00"	16.91	23.98	7.674	26.05	13.4	24.81	12.33	21.28	68.24	67.96	0.277	41.64	40.31	26.374	0
"2012-09-18	02:00:00"	19.08	19.45	6.709	26.65	15.01	19.74	12.07	23.07	67.19	66.91	0.285	44.67	43.35	26.381	0
"2012-09-18	03:00:00"	15.2	28.74	6.945	22.47	12.22	30.13	10.12	18.89	66.08	65.81	0.279	50.09	48.83	26.392	0
"2012-09-18	04:00:00"	18.51	29.89	7.084	26.05	14.93	31.4	10.28	23.07	65.03	64.85	0.178	52.87	51.57	26.401	0
"2012-09-18	05:00:00"	14.41	50.21	15.25	24.26	11.25	52.24	16.68	20.68	64	63.82	0.174	56.92	55.84	26.399	0
"2012-09-18	06:00:00"	18.34	30.61	7.445	29.63	14.87	31.79	11.06	24.86	61.98	61.85	0.127	64.82	63.68	26.424	0
"2012-09-18	07:00:00"	19.75	37.81	7.776	29.03	16.11	40.08	9.99	25.45	60.1	60.04	0.068	67.85	66.64	26.449	0
"2012-09-18	08:00:00"	12.96	49.44	8.17	23.07	10.31	51.07	9.38	20.68	58.27	58.21	0.056	72.57	71.35	26.47	4.4925
"2012-09-18	09:00:00"	11.2	40.47	10.72	16.51	9.29	42.47	11.81	14.72	58.27	58.6	-0.336	74.37	72.42	26.496	116.21
"2012-09-18	10:00:00"	15.49	52.03	11.69	22.47	12.48	54.24	13.82	20.09	61.52	62.33	-0.808	66.37	63.5	26.529	318.52
"2012-09-18	11:00:00"	13.81	48.3	11.3	21.87	11.49	49.96	12.95	18.89	63.47	64.95	-1.477	62.38	58.31	26.542	521.46
"2012-09-18	12:00:00"	9.41	75.69	17.89	16.51	7.937	76.98	19.88	14.12	65.95	67.39	-1.441	58.93	54.88	26.545	692.11
"2012-09-18	13:00:00"	5.895	63.92	41.51	12.33	5.201	68.9	46.33	11.14	68.83	70.54	-1.712	54.65	50.29	26.541	806.67
"2012-09-18	14:00:00"	5.788	67.77	56.12	13.52	5.025	72.6	61.73	12.93	72.1	73.67	-1.576	49.16	45.12	26.527	794.45
"2012-09-18	15:00:00"	4.107	18.55	80.1	10.54	3.814	21.93	76.27	11.14	73.49	74.54	-1.05	46.39	43.09	26.51	426.85
"2012-09-18	16:00:00"	4.772	213.6	37.03	11.14	4.353	216.3	39.59	11.14	75.88	77.13	-1.251	40.48	37.57	26.485	766.64
"2012-09-18	17:00:00"	4.496	172.1	37.96	9.35	4.009	176.3	47.67	8.16	76.78	77.79	-1.011	37.89	35.36	26.462	466.32
"2012-09-18	18:00:00"	3.583	87.9	68.06	9.35	3.116	84.9	68.4	6.368	77.18	77.77	-0.589	37.24	35.11	26.447	212.84
"2012-09-18	19:00:00"	6.027	129.4	62.31	12.93	5.215	129.2	64.98	11.14	77.89	78.65	-0.754	37.5	35.24	26.438	263.19
"2012-09-18	20:00:00"	9.88	182.7	9.89	15.91	7.972	181.7	12.77	13.52	76.66	76.94	-0.28	40.23	38.29	26.44	48.23
"2012-09-18	21:00:00"	8.97	171.1	8.27	13.52	7.031	169.3	10.06	11.14	73.49	73.38	0.106	45.09	43.47	26.452	0.18799
"2012-09-18	22:00:00"	8.21	173	9.78	11.74	6.156	169.9	11	9.95	71.45	71.08	0.364	47.53	46.39	26.467	0
"2012-09-18	23:00:00"	6.625	157.9	12.51	9.95	4.89	152.8	14.63	8.16	69.25	68.85	0.403	51.43	50.4	26.48	0
"2012-09-19	00:00:00"	7.345	168.6	10.76	11.14	5.438	168.3	13.86	9.35	68.27	67.83	0.439	54.81	54	26.477	0
"2012-09-19	01:00:00"	3.766	207.4	14.71	6.368	3.058	205.7	16.44	4.578	65.53	65.19	0.343	59.58	58.55	26.474	0
"2012-09-19	02:00:00"	2.41	203.1	29.07	9.95	1.76	188	31.03	6.368	64.5	63.54	0.957	61.32	61.2	26.474	0
"2012-09-19	03:00:00"	5.233	176.9	25.24	10.54	4.016	173.4	31.89	8.16	63.32	62.37	0.957	64.81	64.69	26.471	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-19	04:00:00"	6.572	196.2	9.81	9.95	4.76	199.4	11.35	7.561	62.01	61.58	0.423	67.38	66.73	26.465	0	0
"2012-09-19	05:00:00"	6.878	193.1	9.86	11.74	4.973	197.8	12.36	8.75	59.99	59.62	0.368	72.25	71.46	26.451	0	0
"2012-09-19	06:00:00"	5.671	214.9	14.46	8.75	4.408	215.2	14.75	7.561	59.19	58.9	0.295	74.99	74.18	26.449	0	0
"2012-09-19	07:00:00"	6.225	208.7	11.97	9.95	4.94	203.8	13.13	8.16	59.23	58.94	0.292	75.04	74.35	26.457	0	0
"2012-09-19	08:00:00"	6.977	205.7	10.67	9.35	5.557	200	9.43	8.16	58.69	58.33	0.36	75.77	75.21	26.463	6.0443	0
"2012-09-19	09:00:00"	7.429	202.3	10.53	12.33	6.161	199.3	10.03	9.95	59.44	59.52	-0.076	75.29	74.01	26.471	128.45	0
"2012-09-19	10:00:00"	13.1	191.5	10.67	18.89	10.48	192.7	13.4	16.51	65.16	65.74	-0.581	66.05	63.73	26.482	333.51	0
"2012-09-19	11:00:00"	13.31	199.2	11.46	18.89	10.72	200	14.06	16.51	69.96	71.07	-1.106	58.34	55.09	26.483	537.43	0
"2012-09-19	12:00:00"	13.93	196.2	14.34	21.28	11.27	196.9	16.74	18.89	74.96	76.39	-1.426	48.69	45.09	26.476	708.38	0
"2012-09-19	13:00:00"	12.95	197.2	17.88	20.68	10.75	196.4	20.42	17.1	78.67	80.3	-1.624	39.1	35.96	26.464	825.61	0
"2012-09-19	14:00:00"	11.52	194.9	19.04	19.49	9.62	195.9	21.82	17.7	81.2	83	-1.723	33.15	30.23	26.45	878.37	0
"2012-09-19	15:00:00"	11.23	194	22.93	23.07	9.38	195.1	25.97	18.89	83.1	84.9	-1.787	29.4	26.53	26.43	845.6	0
"2012-09-19	16:00:00"	11.92	187.4	18.79	20.68	9.86	188.5	21.76	18.3	84.2	85.9	-1.754	27.31	24.52	26.407	778.97	0
"2012-09-19	17:00:00"	11.52	188.9	20.77	20.68	9.39	189.3	23	17.1	85.3	86.9	-1.595	24.92	22.28	26.391	637.93	0
"2012-09-19	18:00:00"	12.56	182.8	16.6	21.87	10.09	183.7	19.69	18.3	85.5	86.7	-1.206	23.67	21.3	26.383	449.99	0
"2012-09-19	19:00:00"	14.93	179.1	10.28	23.07	11.84	178.4	13.33	19.49	84.8	85.4	-0.613	22.55	20.52	26.382	235.43	0
"2012-09-19	20:00:00"	14.13	179.2	7.427	21.28	11.18	178.2	9.48	18.89	83	82.9	0.075	23.43	21.78	26.388	37.389	0
"2012-09-19	21:00:00"	12.46	175.3	6.907	17.7	9.36	172.9	9.21	13.52	78.78	78.3	0.479	26.72	25.45	26.392	0.14001	0
"2012-09-19	22:00:00"	12.02	170.5	7.993	16.51	9.06	168.8	9.68	13.52	75.04	74.43	0.602	31.11	30.04	26.405	0	0
"2012-09-19	23:00:00"	12.73	172	6.821	17.1	9.62	171	9.06	14.12	73.26	72.73	0.533	34.26	33.19	26.415	0	0
"2012-09-20	00:00:00"	15.19	174.3	6.408	23.66	11.74	173.2	8.86	19.49	72.82	72.39	0.433	38.41	37.33	26.414	0	0
"2012-09-20	01:00:00"	14.74	180.6	8.66	23.66	11.55	180.1	11.53	20.09	71.5	71.18	0.317	41.68	40.34	26.41	0	0
"2012-09-20	02:00:00"	11.11	188	9	17.1	8.59	190.9	12.78	15.31	69.65	69.29	0.359	45.38	44.15	26.406	0	0
"2012-09-20	03:00:00"	10.58	194.6	8.86	17.1	8.12	198.3	11.2	13.52	67.94	67.62	0.324	49.36	48.14	26.403	0	0
"2012-09-20	04:00:00"	7.562	209	12.2	11.14	6.187	203.6	12.83	9.95	65.42	65.18	0.245	54.95	53.71	26.399	0	0
"2012-09-20	05:00:00"	7.157	213.9	12.62	10.54	5.757	214.4	15.06	9.35	63.09	62.86	0.237	60.09	58.93	26.39	0	0
"2012-09-20	06:00:00"	6.853	207.1	11.61	10.54	5.492	203	12.27	8.16	62	61.76	0.246	63.55	62.46	26.383	0	0
"2012-09-20	07:00:00"	5.79	225.9	11.48	9.35	4.544	229.8	13.82	7.561	60.61	60.35	0.262	66.39	65.33	26.387	0	0
"2012-09-20	08:00:00"	6.059	228.7	15.23	8.75	4.752	232.4	18.5	7.561	60.28	59.97	0.303	67.89	66.93	26.395	5.5804	0
"2012-09-20	09:00:00"	6.103	235	11.7	9.95	5.173	240	14.35	9.35	61.12	61.1	0.019	67.31	66.02	26.402	127.3	0
"2012-09-20	10:00:00"	7.337	211	11.75	11.74	6.528	213	15.51	11.14	66.68	67.23	-0.547	55.94	53.72	26.403	334.73	0
"2012-09-20	11:00:00"	9.29	201.4	13.35	14.12	7.918	201.3	16.89	12.93	72.94	73.9	-0.96	43.69	40.93	26.415	536.91	0
"2012-09-20	12:00:00"	10.8	201	15.02	17.1	8.83	203.1	18.39	14.72	78.41	79.9	-1.487	36.73	33.96	26.413	709.27	0
"2012-09-20	13:00:00"	10.38	211.2	15.28	17.1	8.73	212.2	18.53	15.91	82.8	84.3	-1.485	30.73	28.04	26.401	792.01	0
"2012-09-20	14:00:00"	9.99	212.6	19.98	17.1	8.43	214.2	23.54	16.51	86.7	88.3	-1.567	24.87	22.32	26.38	836.86	0
"2012-09-20	15:00:00"	10	214.5	21.8	19.49	8.29	215.6	26.16	17.7	89.2	90.7	-1.551	20.1	17.65	26.355	837.08	0
"2012-09-20	16:00:00"	10.71	214.6	28.11	21.28	8.99	214.5	31.32	17.7	90.6	92.2	-1.599	16.92	14.54	26.33	800.33	0
"2012-09-20	17:00:00"	13.8	194.3	16.99	26.05	11.21	194.2	18.97	21.87	90.9	92.4	-1.485	17.18	14.8	26.308	602.07	0
"2012-09-20	18:00:00"	13.88	187.8	22.74	26.05	11.08	188	24.91	20.68	90.2	91	-0.881	17.95	15.83	26.301	344.84	0
"2012-09-20	19:00:00"	17.17	177.9	9.4	26.05	13.65	177.2	12.18	22.47	89.2	89.5	-0.305	16.94	15.06	26.3	179.67	0
"2012-09-20	20:00:00"	14.83	175.3	6.938	21.87	11.58	173.5	9.55	17.7	86.9	86.7	0.253	16.39	14.78	26.303	32.881	0
"2012-09-20	21:00:00"	10.89	169.4	6.762	15.31	8.21	167.5	9.12	12.33	81.8	81.2	0.609	18.63	17.26	26.312	0.13043	0
"2012-09-20	22:00:00"	12.16	167.1	8.52	21.28	9.31	165.1	9.81	17.7	78.28	77.7	0.58	23.12	21.79	26.328	0	0
"2012-09-20	23:00:00"	17.58	171.9	7.196	25.45	13.78	171	9.7	21.28	77.65	77.28	0.375	31.36	30.01	26.342	0	0
"2012-09-21	00:00:00"	14.6	178.7	7.424	22.47	11.39	178.6	10.25	18.3	74.98	74.7	0.28	36.33	35.01	26.351	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-21	01:00:00"	13.36	178	7.069	20.09	10.53	177.2	9.49	17.7	73.02	72.78	0.249	38.85	37.6	26.354	0
"2012-09-21	02:00:00"	14.27	181.2	8.06	20.68	11.32	181.5	10.95	18.89	72.71	72.56	0.152	39	37.67	26.35	0
"2012-09-21	03:00:00"	14.56	182.8	8.4	23.07	11.59	182.9	11.81	18.89	71.64	71.47	0.172	40.85	39.36	26.347	0
"2012-09-21	04:00:00"	12.96	185.8	9.24	20.09	10.26	188.4	13.37	17.1	70.08	69.91	0.172	43.84	42.32	26.347	0
"2012-09-21	05:00:00"	11.38	200.5	10.21	17.7	9.16	200.3	10.59	14.12	68.88	68.71	0.17	46.95	45.46	26.341	0
"2012-09-21	06:00:00"	9.65	184.1	9.17	14.72	7.597	185.1	12.29	11.74	66.63	66.53	0.107	51.83	50.36	26.344	0
"2012-09-21	07:00:00"	10.05	190.4	9.19	14.72	7.607	193.1	12.58	12.33	64.12	63.91	0.202	54.74	53.5	26.351	0
"2012-09-21	08:00:00"	7.326	184.2	8.12	12.33	5.441	185.7	10.89	9.95	61.97	61.69	0.283	56.94	55.9	26.362	4.8316
"2012-09-21	09:00:00"	8.05	186.7	9.88	15.31	6.249	188.3	12.94	13.52	62.42	62.61	-0.192	55.53	53.84	26.373	158.01
"2012-09-21	10:00:00"	12.51	187.9	10.05	17.7	10.15	188.7	13.34	15.91	67.79	68.59	-0.797	47.86	45.1	26.374	359.59
"2012-09-21	11:00:00"	9.84	191.4	15.07	15.31	8.07	191.6	17.44	13.52	72.4	73.12	-0.722	41.24	38.87	26.381	414.86
"2012-09-21	12:00:00"	7.995	205	22.2	14.12	6.774	207.5	25.66	12.33	76.97	78	-1.024	33.19	30.84	26.383	562.88
"2012-09-21	13:00:00"	5.401	213.5	32.94	11.14	4.851	213.4	36.41	9.95	80.2	81.5	-1.3	29.29	26.83	26.377	863.83
"2012-09-21	14:00:00"	3.812	167.1	55.85	9.35	3.752	167.9	58.41	9.35	83.4	84.4	-1.052	24.91	22.61	26.361	838.6
"2012-09-21	15:00:00"	4.964	105.7	75.62	11.14	4.578	106.1	74.24	9.95	86.6	88.1	-1.489	20.59	18.16	26.339	841.94
"2012-09-21	16:00:00"	4.173	207.3	80.2	8.75	3.901	217.1	82	8.16	88.9	90.2	-1.289	17.17	14.9	26.317	775.11
"2012-09-21	17:00:00"	5.738	170.5	95.6	15.91	4.919	165.3	96.3	14.72	90.7	92.1	-1.4	15.88	13.6	26.3	633.05
"2012-09-21	18:00:00"	8.15	115.6	31.36	15.31	6.834	116.5	33.13	13.52	91	92	-1.062	15.72	13.55	26.296	434.74
"2012-09-21	19:00:00"	8.39	143.8	21.35	14.12	6.946	144.4	21.55	12.33	90.6	91.2	-0.549	15.24	13.29	26.298	220.41
"2012-09-21	20:00:00"	9.92	152	11.09	15.31	8.05	150.5	10.26	12.93	87.9	87.8	0.086	17.88	16.17	26.312	29.368
"2012-09-21	21:00:00"	7.958	152.6	9.62	11.74	6.042	150.8	9.9	9.95	83	82.4	0.622	21.34	19.9	26.326	0.06282
"2012-09-21	22:00:00"	7.869	148.7	7.171	11.74	5.512	147.6	6.871	8.16	80.9	79.82	1.1	24.47	23.55	26.34	0
"2012-09-21	23:00:00"	8.11	147.7	10.08	18.3	5.485	131.2	21.68	15.31	79.9	78.03	1.864	24.94	24.71	26.352	0
"2012-09-22	00:00:00"	12.56	166.7	10.71	20.09	9.94	165.7	12.01	15.91	76.03	75.66	0.369	30.62	29.28	26.367	0
"2012-09-22	01:00:00"	10.74	177.1	8.31	15.91	8.32	176.2	10.64	13.52	72.42	72.08	0.341	35.34	34.09	26.374	0
"2012-09-22	02:00:00"	7.317	191.7	10.5	13.52	5.484	195.3	12.43	11.14	68.87	68.52	0.347	40.12	38.75	26.383	0
"2012-09-22	03:00:00"	6.853	187.1	7.639	9.95	4.8	191.3	11.65	8.16	67.73	67.08	0.652	43.04	42.02	26.393	0
"2012-09-22	04:00:00"	8.35	185.7	7.587	12.33	5.939	189	11.01	9.95	67.44	66.79	0.651	43.69	42.87	26.4	0
"2012-09-22	05:00:00"	8.39	185.3	8.3	12.93	6.014	188.5	11.93	12.93	66.62	65.98	0.645	43.51	42.72	26.397	0
"2012-09-22	06:00:00"	6.717	177.6	10.26	9.95	4.564	180.3	13.59	6.964	64.39	63.67	0.718	47.18	46.54	26.403	0
"2012-09-22	07:00:00"	6.772	167.3	9.21	9.95	4.786	166.7	10.6	7.561	63.53	62.85	0.68	48.36	47.76	26.42	0
"2012-09-22	08:00:00"	6.724	147.8	9.75	9.95	4.385	142.1	10.09	6.964	63.3	62.26	1.034	47.95	47.87	26.439	5.3429
"2012-09-22	09:00:00"	6.161	114.2	13.07	10.54	4.243	111.6	17.01	8.16	62.76	62.38	0.38	49.47	48.66	26.457	122.23
"2012-09-22	10:00:00"	7.307	156	13.91	10.54	6.143	155.1	14.16	9.95	69.67	70.1	-0.431	40.18	38.37	26.472	327.71
"2012-09-22	11:00:00"	6.391	175.8	13.16	10.54	5.581	173.4	15.72	9.35	74.27	75.05	-0.787	34.63	32.55	26.481	531.93
"2012-09-22	12:00:00"	4.619	172.4	24.77	9.95	4.22	171.9	27.94	9.35	79.4	80.3	-0.89	28.47	26.33	26.48	705.27
"2012-09-22	13:00:00"	5.591	176.5	27.37	11.14	4.843	178.4	31.56	9.95	84.5	85.7	-1.168	18.96	16.82	26.473	822.4
"2012-09-22	14:00:00"	8.15	168.8	25.83	15.31	7.004	169.1	27.77	13.52	87.2	88.7	-1.478	14.78	12.58	26.465	869.99
"2012-09-22	15:00:00"	9.94	153.1	23.98	18.3	8.42	152.6	25.7	16.51	88.5	90.3	-1.725	12	9.78	26.452	839.73
"2012-09-22	16:00:00"	11.47	154.6	23.18	19.49	9.6	155.5	23.49	17.1	89.1	90.8	-1.701	14	11.68	26.441	768.88
"2012-09-22	17:00:00"	11.82	148.6	22.11	18.89	9.89	148.2	22.25	17.1	89	90.6	-1.562	14.77	12.46	26.432	620.1
"2012-09-22	18:00:00"	12.22	151	20.07	18.89	10.04	150.3	20.14	17.1	88.7	89.8	-1.131	15.08	12.9	26.428	427.63
"2012-09-22	19:00:00"	11.69	153	14.65	18.89	9.65	152.3	15.11	16.51	88	88.5	-0.549	15.59	13.63	26.429	214.88
"2012-09-22	20:00:00"	10.07	157.2	9.49	17.1	8.32	155.2	10.05	14.72	85.7	85.6	0.129	16.95	15.26	26.438	28.618
"2012-09-22	21:00:00"	8.48	153.5	12.83	12.33	6.546	152.6	13.02	11.14	80.8	80.2	0.574	20.52	19.11	26.451	0.03601

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-22	22:00:00"	7.855	159.1	8.8	14.12	6.089	156.7	9.87	10.54	77.4	76.7	0.706	23.36	22.19	26.467	0	0
"2012-09-22	23:00:00"	10.53	158.8	8.93	16.51	8.33	156.8	9.2	13.52	75.05	74.57	0.475	25.72	24.46	26.479	0	0
"2012-09-23	00:00:00"	10.78	162.5	9.37	16.51	8.39	161.4	9.92	14.12	72.9	72.43	0.464	26.62	25.41	26.488	0	0
"2012-09-23	01:00:00"	11.05	165.1	9.24	17.7	8.54	163.8	10.49	13.52	71.06	70.56	0.5	28.48	27.32	26.486	0	0
"2012-09-23	02:00:00"	10.8	166.8	8.8	16.51	8.28	166.8	10.14	14.12	69.97	69.42	0.551	29.83	28.76	26.485	0	0
"2012-09-23	03:00:00"	11.69	169.5	8.42	17.1	8.93	168.7	10.1	13.52	68.53	68.09	0.45	31.21	30.06	26.488	0	0
"2012-09-23	04:00:00"	11.12	174.9	10.66	17.1	8.31	176.3	13.23	14.12	66.14	65.67	0.473	34.46	33.36	26.493	0	0
"2012-09-23	05:00:00"	8.81	182.3	9.48	14.72	6.204	185.3	14.84	11.74	64.25	63.68	0.568	37.57	36.59	26.494	0	0
"2012-09-23	06:00:00"	8.8	184.1	10.83	15.31	6.494	185.6	14.15	11.74	63.37	62.94	0.429	40.77	39.53	26.493	0	0
"2012-09-23	07:00:00"	6.01	193.2	10.6	9.35	4.092	201.7	13.68	6.964	61.77	61.23	0.538	45.21	44	26.498	0	0
"2012-09-23	08:00:00"	5.112	233.2	16.68	8.16	3.618	243.5	18.24	5.771	61.3	60.76	0.544	47.44	46.31	26.514	4.3257	0
"2012-09-23	09:00:00"	4.873	216.5	21.94	8.16	3.711	221	26.65	6.964	63	62.78	0.228	44.91	43.6	26.525	113.3	0
"2012-09-23	10:00:00"	7.629	197.9	12.96	13.52	6.356	198.2	15.77	11.74	68.44	68.9	-0.46	38.83	36.94	26.538	314.99	0
"2012-09-23	11:00:00"	11.42	194.8	11.99	17.1	9.34	194.7	14.65	15.91	73.41	74.39	-0.98	33.24	30.93	26.548	519.91	0
"2012-09-23	12:00:00"	11.26	186.2	14.07	18.3	9.15	186	17.29	15.31	76.98	78.45	-1.474	32.05	29.36	26.55	692.49	0
"2012-09-23	13:00:00"	11.01	183.3	13.23	18.3	9.09	183.9	17.45	17.1	79.62	81.3	-1.708	27.9	25.14	26.544	810.42	0
"2012-09-23	14:00:00"	13.71	179.4	13.8	21.87	11.3	179.7	17.25	18.89	82	83.9	-1.863	24.3	21.51	26.53	856.51	0
"2012-09-23	15:00:00"	15.31	172	13.65	24.26	12.47	172.1	17.14	20.09	83.7	85.6	-1.906	19.48	16.87	26.507	826.75	0
"2012-09-23	16:00:00"	13.5	155.8	20.11	29.03	11.19	156	20.52	24.86	84.5	86.3	-1.815	19.15	16.57	26.488	758.32	0
"2012-09-23	17:00:00"	12.31	149.7	20.1	22.47	10.34	149	19.63	18.89	84.7	86.2	-1.56	18.49	16.05	26.474	616	0
"2012-09-23	18:00:00"	13.28	150	18.86	21.87	10.93	150.2	19.85	18.3	84.5	85.7	-1.161	19.22	16.93	26.462	434.58	0
"2012-09-23	19:00:00"	13.81	144.4	12.95	22.47	11.3	144.1	12.9	19.49	84.2	84.8	-0.624	19.55	17.48	26.459	229.38	0
"2012-09-23	20:00:00"	11.42	155.8	9.73	20.68	9.5	153.8	9.65	18.3	82.1	82.1	0.03	22.75	21.02	26.467	29.213	0
"2012-09-23	21:00:00"	7.757	159.4	9.07	12.33	6.038	157.9	9.9	9.95	78.05	77.63	0.424	26.93	25.5	26.479	0.00038	0
"2012-09-23	22:00:00"	7.853	157.6	8.22	12.33	5.959	153.7	8.13	9.35	75.89	75.28	0.613	30.53	29.34	26.497	0	0
"2012-09-23	23:00:00"	9.43	138.1	12.4	14.12	6.886	137.2	12.7	11.14	73.01	72.37	0.645	34.59	33.49	26.501	0	0
"2012-09-24	00:00:00"	11.65	150.6	8.78	16.51	9.34	149.7	8.94	14.12	72.74	72.41	0.321	37.07	35.82	26.499	0	0
"2012-09-24	01:00:00"	10.34	156.4	9.08	15.91	8.35	154.9	9.3	12.93	70.77	70.54	0.23	40.01	38.61	26.5	0	0
"2012-09-24	02:00:00"	9.4	156.7	8.91	14.12	7.518	155	9.48	11.14	68.31	68.08	0.231	45.35	43.83	26.49	0	0
"2012-09-24	03:00:00"	8.96	158.8	8.99	12.93	7.027	158	9.37	12.33	68.03	67.71	0.317	50.17	48.8	26.481	0	0
"2012-09-24	04:00:00"	7.794	162.2	11.11	13.52	5.997	161.9	11.64	11.14	66.67	66.35	0.328	54.98	53.74	26.468	0	0
"2012-09-24	05:00:00"	7.229	175.9	8.83	14.72	5.325	176.5	10.87	11.74	65.32	64.9	0.42	58.96	57.89	26.461	0	0
"2012-09-24	06:00:00"	9.54	170	8.64	13.52	7.316	168.6	10.47	11.74	64.78	64.47	0.307	63.38	62.31	26.451	0	0
"2012-09-24	07:00:00"	6.345	187.3	8.27	10.54	4.482	192.5	12.58	7.561	63.35	62.98	0.377	69.16	68.18	26.45	0	0
"2012-09-24	08:00:00"	7.703	180.3	9.66	11.74	5.595	181.8	13.37	8.75	62.4	62.03	0.373	73.67	72.78	26.452	4.8418	0
"2012-09-24	09:00:00"	7.898	182.5	11.14	14.72	5.965	184.5	14.58	11.74	63.01	63.03	-0.019	75.73	74.31	26.456	115.67	0
"2012-09-24	10:00:00"	14.84	179.8	8.87	21.87	11.86	178.9	11.55	18.3	69.28	69.76	-0.486	64.59	62.36	26.459	344.93	0
"2012-09-24	11:00:00"	16.22	184.2	10.76	24.26	13.1	184.6	14.3	19.49	73.65	74.61	-0.967	53.08	49.99	26.455	508.75	0
"2012-09-24	12:00:00"	14.81	187.4	13.83	23.66	11.91	187	16.98	21.28	77.25	78.68	-1.428	44.65	41.17	26.448	682.83	0
"2012-09-24	13:00:00"	13.09	190.6	14.13	22.47	10.7	191.4	16.82	20.09	80.5	82.1	-1.625	35.92	32.94	26.428	744.88	0
"2012-09-24	14:00:00"	12.09	200.6	18.33	20.68	9.98	201	21.33	18.3	82.7	84.4	-1.704	27.87	25.06	26.403	836.55	0
"2012-09-24	15:00:00"	11.35	195.9	25.82	21.28	9.64	196	28.47	20.09	84.3	86.1	-1.739	23.91	21.17	26.368	828.37	0
"2012-09-24	16:00:00"	10.77	189	22.18	20.68	9.16	189	24.57	18.3	85.1	86.8	-1.657	22.03	19.4	26.338	736.9	0
"2012-09-24	17:00:00"	11.77	195.1	24.58	23.07	9.83	194.7	26.48	19.49	86	87.4	-1.37	19.46	17.06	26.317	611.65	0
"2012-09-24	18:00:00"	11.89	191.3	25.43	23.66	9.73	191.9	28.86	19.49	86.4	87.5	-1.099	18.1	15.86	26.303	414.59	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-24	19:00:00"	10.61	189.2	14.17	17.1	8.56	189.2	17.28	14.72	86.5	86.9	-0.47	15.1	13.18	26.298	203.46	0
"2012-09-24	20:00:00"	9.04	173.4	11.79	14.12	7.262	171.4	14.1	12.33	84.9	84.6	0.266	17.68	16.02	26.299	31.683	0
"2012-09-24	21:00:00"	9.51	155.7	8.86	14.72	7.516	153.3	8.8	11.74	81.2	80.6	0.564	22.23	20.79	26.297	0.01235	0
"2012-09-24	22:00:00"	12.2	145.1	9	17.7	9.46	144.7	9.02	15.31	78.33	77.81	0.517	29.22	27.78	26.303	0	0
"2012-09-24	23:00:00"	13.2	153.7	10.3	21.28	10.67	152.7	10.42	17.1	76.57	76.26	0.3	35.78	34.44	26.313	0	0
"2012-09-25	00:00:00"	13.14	163.9	9.68	21.28	10.49	163.2	11.05	17.7	74.69	74.4	0.292	39.41	38.02	26.31	0	0
"2012-09-25	01:00:00"	16.68	173.8	6.943	23.66	13.11	173.5	9.19	20.09	73.62	73.37	0.253	46.8	45.34	26.3	0	0
"2012-09-25	02:00:00"	14.91	180.2	7.695	24.26	11.89	179.9	10.23	19.49	72	71.81	0.189	52.69	51.3	26.298	0	0
"2012-09-25	03:00:00"	12.44	183.8	8.7	18.89	9.77	185.2	12.12	15.91	70.58	70.33	0.248	55.9	54.67	26.299	0	0
"2012-09-25	04:00:00"	12.31	184.7	8.64	18.89	9.66	186.4	11.97	15.31	68.93	68.69	0.244	58.74	57.61	26.289	0	0
"2012-09-25	05:00:00"	12.49	183.2	8.51	20.09	9.82	184.3	12.16	17.7	67.57	67.31	0.267	61.5	60.49	26.28	0	0
"2012-09-25	06:00:00"	14.76	177	6.622	19.49	11.54	176.5	9.25	16.51	67	66.76	0.239	63.49	62.49	26.271	0	0
"2012-09-25	07:00:00"	12.98	183.4	9.32	22.47	10.14	185.9	12.96	18.3	66.79	66.52	0.277	64.37	63.5	26.274	0	0
"2012-09-25	08:00:00"	9.19	199.9	17.37	13.52	7.06	204.8	19.44	11.74	64.9	64.6	0.301	67.78	67.01	26.286	4.4487	0
"2012-09-25	09:00:00"	6.726	232.3	14.97	10.54	5.481	236.3	18.29	9.35	64.7	64.68	0.015	68.38	67.17	26.305	117.46	0
"2012-09-25	10:00:00"	7.592	220.5	16.36	12.93	6.439	222.4	19.73	9.95	67.79	68.27	-0.479	63.15	61.01	26.323	317.28	0
"2012-09-25	11:00:00"	6.911	209.9	16.59	11.14	6.033	210.7	20.59	11.74	72.75	73.66	-0.909	51.84	49.01	26.327	519.26	0
"2012-09-25	12:00:00"	4.494	216.7	56.45	11.14	4.043	217.8	59.24	10.54	77.39	78.35	-0.96	38.3	35.85	26.323	687.73	0
"2012-09-25	13:00:00"	5.878	147.1	95.8	13.52	5.161	124.9	98	12.93	81.3	83	-1.71	31.16	28.37	26.304	838.49	0
"2012-09-25	14:00:00"	5.156	333.8	81.6	11.14	4.668	335.4	83.4	10.54	84.9	86.7	-1.812	23.67	20.93	26.281	857.25	0
"2012-09-25	15:00:00"	5.143	312.7	59.49	15.31	5.004	314.2	58.39	12.33	87	88.8	-1.789	20.47	17.87	26.254	699.9	0
"2012-09-25	16:00:00"	2.09	227.1	73.01	11.74	3.826	226.2	70.33	10.54	87.4	88.3	-0.98	19.7	17.5	26.236	435.96	0
"2012-09-25	17:00:00"	4.68	262.2	66.07	14.72	4.875	265.2	68.76	12.33	88.6	89.8	-1.255	18.5	16.2	26.22	520.11	0
"2012-09-25	18:00:00"	8.12	296.6	51.48	20.09	6.77	297.7	53.95	15.31	87.8	88.6	-0.763	19.54	17.44	26.223	188.99	0
"2012-09-25	19:00:00"	6.831	199.9	20.45	14.72	6.099	201	23.18	12.93	88	88.3	-0.344	19.68	17.74	26.221	157.48	0
"2012-09-25	20:00:00"	6.388	201.6	10.61	12.33	5.505	198.4	10.2	9.95	85.8	85.5	0.369	21.07	19.53	26.222	14.872	0
"2012-09-25	21:00:00"	1.596	179.1	19.01	5.771	2.765	171.1	20.28	4.578	82.4	81.1	1.205	23.16	22.19	26.224	0.00057	0
"2012-09-25	22:00:00"	5.676	116.8	14.14	9.35	3.294	110.3	21.33	6.368	76.61	74.36	2.258	28.94	28.82	26.243	0	0
"2012-09-25	23:00:00"	10.03	156.8	21.41	17.1	7.381	155.7	22.67	14.72	75.56	74.64	0.919	33.56	32.66	26.261	0	0
"2012-09-26	00:00:00"	9.98	181.9	8.57	16.51	7.799	182.3	11.59	12.93	73.21	72.89	0.314	41.8	40.36	26.266	0	0
"2012-09-26	01:00:00"	8.35	178.4	10	12.93	6.396	178.8	12.62	9.95	70.49	70.1	0.394	47.34	46.02	26.264	0	0
"2012-09-26	02:00:00"	6.402	191.9	6.845	9.35	4.67	199.2	9.99	6.964	67.96	67.55	0.411	51.13	49.98	26.268	0	0
"2012-09-26	03:00:00"	7.066	194.7	8.67	9.95	5.164	199.5	10.65	8.16	67.64	67.14	0.495	51.55	50.43	26.273	0	0
"2012-09-26	04:00:00"	7.22	189.7	8.73	10.54	5.191	194.8	11.9	8.16	66.54	66.08	0.462	58.92	57.63	26.27	0	0
"2012-09-26	05:00:00"	6.823	188.9	7.496	10.54	4.811	193.6	11.24	7.561	66.19	65.65	0.538	64.03	63.11	26.259	0	0
"2012-09-26	06:00:00"	7.088	193.7	11.15	10.54	5.045	199.3	13.07	8.16	65.66	65.16	0.496	67.09	66.37	26.261	0	0
"2012-09-26	07:00:00"	6.926	198.6	10.8	9.95	5.085	200.4	10.66	7.561	64.66	64.26	0.397	69.89	69.09	26.269	0	0
"2012-09-26	08:00:00"	6.874	197.5	12.51	9.95	5.099	200.5	14.56	8.16	63.74	63.38	0.364	72.64	71.89	26.282	3.7533	0
"2012-09-26	09:00:00"	6.862	197.9	10.4	11.14	5.151	199.5	11.06	9.35	64.32	64.16	0.163	72.81	71.76	26.291	92.562	0
"2012-09-26	10:00:00"	11.89	190.7	10.71	18.3	9.51	192	14.64	16.51	69.84	70.44	-0.592	64.15	61.76	26.301	331.36	0
"2012-09-26	11:00:00"	10.62	187.2	13.27	16.51	8.69	187.5	16.35	14.12	74.57	75.66	-1.088	55.04	51.8	26.316	507.86	0
"2012-09-26	12:00:00"	8.93	187.4	15.5	16.51	7.461	187.9	18.81	14.12	76.54	78.01	-1.466	50.92	47.17	26.323	671.56	0
"2012-09-26	13:00:00"	6.716	195.1	27.64	13.52	5.892	195.9	32.11	11.74	81.5	83	-1.496	39.79	36.74	26.314	764.26	0
"2012-09-26	14:00:00"	6.818	195.3	21.51	13.52	5.932	195.2	25.21	11.14	83.2	84.4	-1.192	35.75	33.12	26.308	449.28	0
"2012-09-26	15:00:00"	7.02	201.1	26.21	11.74	5.952	200.7	29.5	11.74	83.7	84.4	-0.695	34.72	32.5	26.303	186.47	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-26	16:00:00"	10.47	285.5	25.1	18.89	6.715	289.3	24.36	14.72	83.7	84.4	-0.694	27.03	24.99	26.301	166.45	0	
"2012-09-26	17:00:00"	8.82	316.6	29.84	16.51	6.308	317.8	31.98	15.31	84.2	85.5	-1.316	24.29	21.92	26.281	382.46	0	
"2012-09-26	18:00:00"	6.516	159.1	45.86	16.51	5.504	159.2	48.05	13.52	86.3	87	-0.757	22.59	20.44	26.251	414.7	0	
"2012-09-26	19:00:00"	20.4	172.8	8.8	39.17	16.32	171.7	11.63	32.61	82.8	83.1	-0.31	34.4	32.4	26.266	160.26	0	
"2012-09-26	20:00:00"	18.31	175.7	6.623	30.82	14.36	174.9	9.03	25.45	78.25	78.37	-0.12	41.44	39.56	26.286	33.973	0	
"2012-09-26	21:00:00"	8.36	171.3	9.85	16.51	6.66	169.2	11.65	14.12	75.92	75.72	0.198	41.85	40.3	26.306	0	0	
"2012-09-26	22:00:00"	8.09	104.5	23.67	12.33	5.948	101.8	23.01	9.95	72.3	71.92	0.386	49.62	48.23	26.345	0	0	
"2012-09-26	23:00:00"	10.24	86.7	7.48	16.51	7.929	86.1	9.11	13.52	71.35	71.36	-0.014	62.96	61.09	26.366	0	0	
"2012-09-27	00:00:00"	12.11	104.2	11.76	17.7	9.66	104.6	13.17	14.72	69.75	69.83	-0.078	74.88	73.27	26.369	0	0	
"2012-09-27	01:00:00"	8.37	125.4	15.48	12.93	6.482	126.1	17.58	11.14	69.33	69.2	0.131	76.77	76.87	26.383	0	0	
"2012-09-27	02:00:00"	11.9	173.3	38.98	18.3	9.32	173.1	39.3	14.72	70.65	70.33	0.321	72.85	73.29	26.389	0	0	
"2012-09-27	03:00:00"	15.72	133.5	13.86	23.07	12.24	134.5	13.96	19.49	70.76	70.34	0.42	70.61	70.99	26.361	0	0	
"2012-09-27	04:00:00"	14.28	138	11.43	21.87	11.24	138.2	11.59	18.3	69.23	69.07	0.161	76.82	76.5	26.373	0	0	
"2012-09-27	05:00:00"	14.99	147	9.72	21.87	11.99	146.7	9.65	20.09	68.39	68.21	0.18	77.7	77.29	26.37	0	0	
"2012-09-27	06:00:00"	12.67	142.3	10.65	19.49	10.1	143	10.27	15.91	67.86	67.7	0.165	76.61	76.04	26.371	0	0	
"2012-09-27	07:00:00"	7.739	163.3	11.18	12.33	6.227	162.4	12.57	9.95	66.74	66.71	0.027	79.43	78.57	26.395	0	0	
"2012-09-27	08:00:00"	4.361	131.9	76.7	8.75	3.286	129.5	74.79	6.368	66.46	66.22	0.239	80.1	79.62	26.408	1.2967	0	
"2012-09-27	09:00:00"	5.217	77.03	31.35	8.16	3.889	74.97	33.76	6.964	65.51	65.55	-0.048	82.7	81.7	26.428	23.24	0	
"2012-09-27	10:00:00"	3.732	10.61	24.06	6.368	3.385	10.52	25.32	6.368	65.84	65.86	-0.023	83.7	84.1	26.455	42.004	0.01	
"2012-09-27	11:00:00"	5.385	34.18	13.84	9.95	4.728	35.65	16.53	8.75	66.18	66.22	-0.034	85.5	86.2	26.47	47.06	0.02	
"2012-09-27	12:00:00"	9.58	8.71	7.802	14.72	7.636	5.406	13.22	12.33	66.2	66.19	0.003	86.9	87.6	26.459	72.413	0.02	
"2012-09-27	13:00:00"	7.425	82.9	40.17	12.33	6.064	85.2	42.13	9.95	66.76	66.88	-0.126	87	87.2	26.471	86.229	0.05	
"2012-09-27	14:00:00"	7.946	81	15.56	11.74	6.399	82.3	17.05	10.54	67.09	67.26	-0.165	80.8	81.7	26.459	191.05	0.01	
"2012-09-27	15:00:00"	6.439	78.86	11.52	9.95	5.678	79.19	12.91	8.75	69.07	69.51	-0.433	73.03	73.3	26.436	260.97	0	
"2012-09-27	16:00:00"	2.184	111.4	48.77	6.964	2.983	111.4	51.8	6.368	70.8	71.11	-0.308	67.82	67.22	26.419	263.76	0	
"2012-09-27	17:00:00"	5.353	106.7	25.78	10.54	5.181	108.2	29.66	9.35	72.17	72.43	-0.256	60.8	61.1	26.399	168	0	
"2012-09-27	18:00:00"	7.353	119.8	15.22	11.14	6.126	122.2	17.14	9.95	73.29	73.43	-0.134	57.7	58.17	26.395	190.27	0	
"2012-09-27	19:00:00"	13.34	105.2	8.68	20.68	10.67	105.9	10.97	17.1	72.01	71.97	0.044	66.9	66.85	26.394	76.004	0	
"2012-09-27	20:00:00"	12	111.2	11.39	18.3	9.48	112.4	13.4	15.31	68.75	68.65	0.097	76.65	76.48	26.402	7.0539	0	
"2012-09-27	21:00:00"	10.35	113	6.965	14.12	7.975	114.2	10.1	11.74	67.53	67.35	0.175	78.12	78.17	26.403	0	0	
"2012-09-27	22:00:00"	7.338	106	7.539	10.54	5.797	106.1	9.83	9.35	66.52	66.39	0.127	80.1	80.1	26.416	0	0	
"2012-09-27	23:00:00"	8.66	121.4	17.67	13.52	6.818	122.5	18.79	11.14	66.36	66.26	0.104	78.2	78.16	26.423	0	0	
"2012-09-28	00:00:00"	11.54	139.1	9.95	17.7	9.22	140	10.45	15.91	65.16	65.17	-0.006	84.7	84.3	26.424	0	0	
"2012-09-28	01:00:00"	4.994	161	11.42	8.75	4.41	159.9	12.07	6.964	64.46	64.53	-0.071	87.5	86.8	26.432	0	0	
"2012-09-28	02:00:00"	4.535	173.1	9.71	9.35	4.652	173.1	12.03	8.16	64.27	64.3	-0.027	87	86.4	26.432	0	0	
"2012-09-28	03:00:00"	4.093	148.6	21.04	8.16	3.921	147	23.07	6.964	64.16	64.14	0.018	87.5	87.1	26.426	0	0	
"2012-09-28	04:00:00"	1	161.3	70.42	1	1.007	164.9	69.7	1.596	64.12	64.13	-0.001	88.5	88	26.417	0	0	
"2012-09-28	05:00:00"	1	83	29.42	1	1.907	85	29.01	4.578	63.78	63.81	-0.03	89.5	89.2	26.401	0	0	
"2012-09-28	06:00:00"	1	65.54	19.74	1	1.376	63.56	21.18	3.982	63.75	63.83	-0.077	90.4	90	26.395	0	0	
"2012-09-28	07:00:00"	3.526	87	18.14	9.35	3.95	86.3	19.5	7.561	63.96	64.09	-0.128	90.7	90.1	26.4	0	0	
"2012-09-28	08:00:00"	7.424	98	8.8	11.74	6.009	98.3	10.59	10.54	64.46	64.56	-0.101	90.4	89.7	26.403	0.45382	0	
"2012-09-28	09:00:00"	10.7	105.3	7.403	17.1	8.61	106.8	9.99	15.31	64.38	64.49	-0.106	90.3	89.7	26.409	17.476	0	
"2012-09-28	10:00:00"	12.04	92.9	8.72	18.89	9.59	93.5	10.19	15.91	63.38	63.54	-0.166	90.7	90.2	26.424	47.335	0.01	
"2012-09-28	11:00:00"	15.67	87.8	7.294	21.87	12.47	88.7	9.08	18.89	63.31	63.59	-0.287	89.4	88.7	26.438	119.63	0	
"2012-09-28	12:00:00"	15.42	76.96	8.95	21.87	12.35	77.17	10.2	18.89	63.57	63.98	-0.413	85.8	84.6	26.438	197.79	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-28	13:00:00"	15.61	93	9.21	23.07	12.63	94.2	10.35	19.49	63.97	64.48	-0.508	85.1	84.4	26.427	249.63	0
"2012-09-28	14:00:00"	16.98	105.5	8.95	23.07	13.66	106.9	10.87	18.89	62.46	62.97	-0.507	85.5	84.5	26.424	167.98	0
"2012-09-28	15:00:00"	16.78	100.9	9	24.86	13.5	102	10.64	20.09	60.66	60.94	-0.286	88.3	87.9	26.412	76.004	0.15
"2012-09-28	16:00:00"	12.32	92.9	8.01	17.1	9.9	93.7	9.21	14.12	60.8	61.08	-0.273	89.7	89.4	26.405	79.639	0.14
"2012-09-28	17:00:00"	12.04	69.88	12.55	18.3	9.57	72.44	12.72	15.91	60.57	60.82	-0.249	89.4	88.9	26.39	72.607	0.06
"2012-09-28	18:00:00"	11.06	48.21	9.23	15.31	8.77	50.55	10.43	13.52	60.69	60.9	-0.212	89	88.9	26.385	42.91	0.1
"2012-09-28	19:00:00"	12.01	35.25	7.672	17.1	9.92	37.37	9.87	14.12	60.68	60.79	-0.107	89.6	89.6	26.38	13.918	0.2
"2012-09-28	20:00:00"	13.35	43.64	11.46	19.49	10.73	46.2	13.45	17.1	60.95	61.02	-0.072	90	89.8	26.378	3.2208	0.09
"2012-09-28	21:00:00"	14.54	57.71	8.94	23.07	11.28	61.69	11.3	17.7	60.49	60.55	-0.062	89.7	89.2	26.369	0.68994	0.11
"2012-09-28	22:00:00"	14.99	53.91	9.31	21.28	11.38	57.66	11.37	19.49	60.29	60.35	-0.063	89.8	89.5	26.377	0.69023	0.13
"2012-09-28	23:00:00"	14.62	49.95	8.56	21.28	11.31	52.38	10.68	19.49	59.59	59.66	-0.072	89.6	89.3	26.38	1.0541	0.1
"2012-09-29	00:00:00"	13.55	44.16	9.79	19.49	10.88	46.93	11.02	17.1	59.48	59.52	-0.045	89.6	89.4	26.391	1.3783	0.05
"2012-09-29	01:00:00"	15.33	39.67	7.656	20.68	12.36	41.74	9.95	18.3	59.52	59.56	-0.036	89.8	89.6	26.39	1.3799	0.04
"2012-09-29	02:00:00"	15.67	42.92	7.835	21.28	12.56	45.82	9.39	18.89	59.97	59.98	-0.008	90	89.8	26.386	1.3806	0.05
"2012-09-29	03:00:00"	16.89	41.93	7.305	23.66	13.57	44.28	9.07	20.68	60.38	60.37	0.008	89.3	88.7	26.366	1.435	0.05
"2012-09-29	04:00:00"	15.96	37.56	7.154	21.87	12.83	39.6	8.86	18.3	60.25	60.19	0.066	88.7	88.8	26.36	1.3564	0.02
"2012-09-29	05:00:00"	16.78	37.88	7.304	23.66	13.64	39.86	9.34	20.68	59.85	59.82	0.034	89.1	89	26.343	1.3427	0.03
"2012-09-29	06:00:00"	17.34	31.62	7.575	28.43	13.78	32.85	11.13	23.66	59.56	59.47	0.091	87.6	87.5	26.343	0.43696	0
"2012-09-29	07:00:00"	16.58	27.09	7.219	23.66	13.24	28.02	11.58	20.68	59.66	59.54	0.119	86.3	86.5	26.366	0	0
"2012-09-29	08:00:00"	16.02	31.16	7.371	23.66	12.93	32.74	10.18	20.09	59.28	59.16	0.122	85.2	85.5	26.38	0.5644	0
"2012-09-29	09:00:00"	17.27	27.01	6.406	24.86	13.74	28.33	10.58	20.68	59.2	59.11	0.093	84.4	84.7	26.388	30.36	0.01
"2012-09-29	10:00:00"	16.2	22.56	7.066	22.47	12.85	22.97	12.49	20.09	59.65	59.68	-0.029	83.6	84.1	26.401	101.87	0
"2012-09-29	11:00:00"	15.17	13.48	9.33	23.07	11.76	11.02	16.2	21.28	61.2	61.28	-0.078	78.41	79.04	26.425	141.19	0.01
"2012-09-29	12:00:00"	15.11	19.2	8.95	22.47	11.99	18.83	14.6	19.49	61.75	61.82	-0.066	78.1	79.44	26.438	200.01	0.02
"2012-09-29	13:00:00"	16.29	29.42	9.83	24.86	13.05	30.94	13.57	22.47	63.49	64.02	-0.523	72.86	73.71	26.426	408.69	0
"2012-09-29	14:00:00"	14.8	32.55	10.99	21.87	12.29	34.2	14.28	18.89	65.83	66.72	-0.887	65.44	65.56	26.411	528.86	0
"2012-09-29	15:00:00"	13.62	27.93	11.98	20.09	11.05	29.14	15.52	17.1	66.51	67.07	-0.569	64.68	64.88	26.397	277.48	0
"2012-09-29	16:00:00"	11.79	36.58	12.26	17.7	9.78	38.51	14.8	15.91	66.39	67.01	-0.617	65.03	65.05	26.385	300.45	0
"2012-09-29	17:00:00"	11.59	29.91	11.75	18.89	9.59	31.39	15.04	16.51	67.07	67.78	-0.706	65.6	65.48	26.373	297.37	0
"2012-09-29	18:00:00"	11.73	23.04	12.45	18.89	9.72	23.92	17.12	17.1	67.67	68.26	-0.599	64.31	64.1	26.363	283.92	0
"2012-09-29	19:00:00"	11.96	38.22	18.69	19.49	9.75	40.49	21.71	16.51	67.85	68.02	-0.171	63.14	63.09	26.367	166.56	0
"2012-09-29	20:00:00"	5.444	58.18	8.09	17.1	4.216	59.53	10.88	14.12	63.4	63.09	0.308	72.89	73.67	26.377	12.443	0
"2012-09-29	21:00:00"	3.634	29.31	8.22	5.771	1	19.15	11.89	1	62.07	60.29	1.783	76.82	81.8	26.389	0	0
"2012-09-29	22:00:00"	4.258	37.86	8.83	6.368	1	28.72	9.93	1	61.92	59.89	2.028	79.15	84.5	26.408	0	0
"2012-09-29	23:00:00"	1.035	32.03	7.689	3.982	1	17.09	17.18	1	61.95	59.33	2.614	79.56	84.9	26.421	0	0
"2012-09-30	00:00:00"	1	18.57	5.145	1	1	358.2	10.32	1	61.25	57.59	3.658	82	87.3	26.422	0	0
"2012-09-30	01:00:00"	1	42.1	8.37	1	1	19.5	15.92	1	60.7	57.28	3.423	84	87.9	26.416	0	0
"2012-09-30	02:00:00"	1	38.36	7.092	1	1	11.03	11.82	1	59.64	56.06	3.583	86.7	89.2	26.409	0	0
"2012-09-30	03:00:00"	1	2.698	20.13	1	1	339.7	17.88	1	59.34	55.36	3.973	87.7	89.9	26.407	0.16556	0
"2012-09-30	04:00:00"	1	313.7	3.49	1	1	321.6	8.04	1	58.7	54.67	4.03	88.3	90.2	26.398	0.34579	0
"2012-09-30	05:00:00"	1.415	308.6	8.25	7.561	1.354	320.4	10.25	3.982	58.77	54.51	4.26	86.4	90.2	26.38	0.60559	0
"2012-09-30	06:00:00"	6.724	314.5	3.285	8.16	2.591	322.6	9.61	4.578	57	54.58	2.42	89	90.5	26.373	0.69024	0.01
"2012-09-30	07:00:00"	6.44	316	7.031	8.75	2.182	321.5	11.24	4.578	56.47	54.72	1.747	89.8	90.6	26.374	0.69024	0
"2012-09-30	08:00:00"	5.575	316.4	8.85	6.964	1.862	323.1	12.72	3.982	56.96	54.46	2.497	89.9	90.6	26.381	3.8337	0
"2012-09-30	09:00:00"	3.426	306	6.524	6.368	1.161	308.2	10.01	3.386	57.79	56.17	1.62	89.7	91.2	26.393	97.599	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-09-30	10:00:00"	1	251.6	40.43	1	1.261	252.7	42.56	3.386	60.56	60.56	-0.003	86.9	87.5	26.401	285.51	0	
"2012-09-30	11:00:00"	1.013	229.1	23.83	3.386	2.459	232	28.75	6.368	64.32	64.59	-0.267	76.59	76.07	26.406	496.51	0	
"2012-09-30	12:00:00"	1.002	250	46.59	1.596	2.335	256	47.57	5.175	67.4	67.97	-0.577	66.56	65.53	26.401	662.65	0	
"2012-09-30	13:00:00"	2.035	185.6	66.29	9.95	3.271	179.3	63.41	9.95	69.88	70.55	-0.666	61.69	60.83	26.38	776.71	0	
"2012-09-30	14:00:00"	2.892	225.1	45.9	10.54	3.995	227	50.09	9.95	72.11	72.91	-0.794	57.3	55.85	26.358	827.29	0	
"2012-09-30	15:00:00"	3.082	222.8	39.78	9.95	4.141	225.3	46.79	8.16	74.24	75.08	-0.839	53.15	51.63	26.333	706.52	0	
"2012-09-30	16:00:00"	4.082	289.1	56.32	11.14	4.37	291.2	57.84	9.95	76.84	78.17	-1.331	44.91	42.71	26.311	765.71	0	
"2012-09-30	17:00:00"	4.034	16.54	25.85	11.74	4.356	19.9	29.92	10.54	77.17	78.31	-1.133	42.68	40.62	26.296	388.36	0	
"2012-09-30	18:00:00"	5.045	4.753	57.77	14.72	4.374	4.726	64.76	12.93	78.07	78.76	-0.689	39.12	37.96	26.277	310.35	0	
"2012-09-30	19:00:00"	5.357	337.8	26.69	11.14	4.469	337.7	28.21	8.75	78.08	78.29	-0.214	38.8	38.7	26.281	152.13	0	
"2012-09-30	20:00:00"	1.499	321.4	88.3	6.964	2.625	324.9	88.6	6.964	75.35	74.4	0.95	47.82	50.7	26.295	14.987	0	
"2012-09-30	21:00:00"	1.084	150.6	39.5	4.578	2.456	135.3	52.66	4.578	72.33	70.84	1.491	57.41	62.75	26.302	0	0	
"2012-09-30	22:00:00"	13.77	46.65	68.22	35.59	10.55	35.38	58.88	29.03	67.95	66.53	1.418	55.39	60.11	26.334	0.00048	0.01	
"2012-09-30	23:00:00"	16.97	314.4	9.73	29.63	11.16	317.3	11.54	20.68	60.7	60.27	0.43	74.32	76.27	26.399	0.00029	0.02	
"2012-10-01	00:00:00"	18.48	261.6	31.19	37.38	13.9	264.9	33.39	29.63	61.55	61.12	0.436	70.03	71.37	26.356	0.00029	0.03	
"2012-10-01	01:00:00"	7.235	295.1	73.9	19.49	5.713	297.2	71.19	16.51	61.69	60.98	0.707	67.5	70.03	26.322	0	0	
"2012-10-01	02:00:00"	6.897	10.61	7.749	8.75	4.236	8.31	11.26	5.771	61.09	59.5	1.59	69.91	75.64	26.326	0	0	
"2012-10-01	03:00:00"	7.632	346.2	20.74	11.74	4.353	346.2	19.94	7.561	59.51	57.28	2.231	73.21	80.4	26.338	0	0	
"2012-10-01	04:00:00"	8.27	351.4	29.79	18.89	5.668	353.6	29.39	14.72	59.03	57.49	1.541	73.59	77.81	26.353	0	0	
"2012-10-01	05:00:00"	5.882	329.2	25.23	8.75	3.02	322	25.91	5.771	57.03	55.08	1.949	79.75	84.5	26.337	0	0	
"2012-10-01	06:00:00"	8.61	309.3	7.39	13.52	4.908	311.9	9.99	9.35	56.03	55.14	0.896	82.8	84.9	26.333	0	0	
"2012-10-01	07:00:00"	10.69	316.7	6.279	14.72	6.986	319.5	8.63	11.14	56.45	55.75	0.704	80.8	82.3	26.339	0	0	
"2012-10-01	08:00:00"	7.637	318.8	9.94	12.33	4.678	319.6	11.82	9.95	55.11	54.33	0.781	82.7	84.4	26.351	2.7551	0	
"2012-10-01	09:00:00"	2.77	351.2	52.86	7.561	1.998	354.2	58.97	5.175	55.49	55.44	0.046	82.8	83.3	26.364	101.33	0	
"2012-10-01	10:00:00"	13.2	354.3	13.24	21.28	10.58	352.1	14.24	17.1	63.77	64.1	-0.333	63.7	63.57	26.375	297.74	0	
"2012-10-01	11:00:00"	17.6	7.17	11.75	26.05	13.7	3.677	15.66	23.07	68.4	69.08	-0.675	50	49.83	26.385	499.3	0	
"2012-10-01	12:00:00"	18.32	9.01	12.38	27.84	14.39	5.84	17.31	22.47	71.77	72.74	-0.978	42.66	42.28	26.387	664.32	0	
"2012-10-01	13:00:00"	20.82	16.49	11.11	29.03	16.42	15.01	17.14	24.86	74.41	75.55	-1.136	36.93	36.21	26.387	774.63	0	
"2012-10-01	14:00:00"	21.56	15.8	11.58	31.42	17.03	14.41	17.42	27.84	75.68	77.16	-1.479	33.87	32.55	26.382	821.43	0	
"2012-10-01	15:00:00"	19.01	20.11	13.64	35.59	15.25	20.35	18.6	34.4	76.9	78.46	-1.558	32.79	31.1	26.371	758.86	0	
"2012-10-01	16:00:00"	19.54	18.14	12.99	31.42	15.59	16.69	18.89	26.05	77.56	79.2	-1.643	30.55	28.77	26.365	729.41	0	
"2012-10-01	17:00:00"	19.89	21.5	11.69	29.63	15.97	21.25	16.73	25.45	77.43	78.58	-1.151	29.92	28.31	26.363	531.53	0	
"2012-10-01	18:00:00"	19.51	15.67	13.07	28.43	15.49	13.65	18.7	24.86	76.89	77.62	-0.73	32.48	31.03	26.361	352.81	0	
"2012-10-01	19:00:00"	18.9	34.4	9.94	29.63	15.23	35.59	12.34	24.86	74.68	74.74	-0.059	37.3	36.25	26.371	161.84	0	
"2012-10-01	20:00:00"	14.36	43.04	9.44	22.47	11.44	44.81	10.73	20.09	71.81	71.34	0.471	42.6	42.22	26.384	17.008	0	
"2012-10-01	21:00:00"	8.48	46.94	9.4	12.93	6.186	49.63	11.52	9.95	67.8	67.05	0.744	50.15	50.95	26.402	0	0	
"2012-10-01	22:00:00"	9.51	46.96	7.516	16.51	6.864	49.58	9.41	13.52	65.79	65	0.792	52.25	53.38	26.422	0	0	
"2012-10-01	23:00:00"	9.16	48.58	7.108	12.33	6.529	52.12	8.96	10.54	63.3	62.57	0.728	57.47	58.69	26.438	0	0	
"2012-10-02	00:00:00"	7.85	47.41	7.177	11.74	5.198	50.26	9.96	8.75	62.39	61.47	0.926	60.02	62.1	26.437	0	0	
"2012-10-02	01:00:00"	4.944	45.14	12.73	8.16	2.726	41.18	29.73	6.964	62.05	60.9	1.158	61.19	64.32	26.43	0	0	
"2012-10-02	02:00:00"	1	42.01	12.71	1	1.114	333.9	31.91	3.982	62.07	59.51	2.553	60.59	69.95	26.427	0	0	
"2012-10-02	03:00:00"	3.26	17.64	10.86	5.771	2.055	9.81	11.49	3.982	60.91	59.33	1.582	66.09	73.9	26.434	0	0	
"2012-10-02	04:00:00"	5.771	2.287	12.33	7.561	3.274	354.4	12.61	5.175	60.13	59.17	0.966	69.04	73.77	26.433	0	0	
"2012-10-02	05:00:00"	6.66	349.3	6.368	8.16	4.09	344.7	7.841	5.771	59.3	58.46	0.84	70.17	73.57	26.439	0	0	
"2012-10-02	06:00:00"	5.562	351.7	9.3	7.561	3.357	347.9	10.76	5.771	58.99	58.23	0.762	71.71	75.04	26.448	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2012-10-02	07:00:00"	5.495	11.93	6.51	6.964	2.98	9.97	11.06	3.982	57.99	56.44	1.553	73.75	78.68	26.448	0	0
"2012-10-02	08:00:00"	5.544	7.364	3.028	6.964	2.446	355.7	7.314	3.386	56.85	53.62	3.223	74.51	82.5	26.448	1.8331	0
"2012-10-02	09:00:00"	3.78	24.95	11.09	6.964	2.733	20.08	16.74	6.368	56.67	55.75	0.926	75.97	79.73	26.45	96.248	0
"2012-10-02	10:00:00"	2.794	78.74	21.27	9.35	5.093	79.59	22.05	8.75	60.62	61.03	-0.402	60.21	59.57	26.449	290.8	0
"2012-10-02	11:00:00"	5.596	122.6	28.58	10.54	5.503	123.5	30.12	9.35	63.18	63.8	-0.614	51.45	50.43	26.45	490.32	0
"2012-10-02	12:00:00"	3.83	191.3	32.13	11.14	3.749	194.9	40.65	9.95	65.53	66.33	-0.804	47.94	46.15	26.443	657.57	0
"2012-10-02	13:00:00"	5.475	206.8	37.43	11.74	4.93	209	42.35	11.14	67.42	68.46	-1.042	45.92	43.74	26.427	768.68	0
"2012-10-02	14:00:00"	5.436	215.9	35.97	11.74	4.877	219.5	36.47	9.95	69.41	70.61	-1.2	44.38	41.86	26.396	814.72	0
"2012-10-02	15:00:00"	6.822	198.9	26.49	15.91	6.225	196.8	32.87	13.52	71.03	72.2	-1.17	42.12	39.58	26.356	780.42	0
"2012-10-02	16:00:00"	8.83	198.9	24.35	18.3	7.465	199.7	27.08	14.72	72.73	74.06	-1.328	40.15	37.81	26.326	706.91	0
"2012-10-02	17:00:00"	8.35	197.6	21.98	18.89	7.588	198.1	26.04	18.89	73.75	74.9	-1.152	39.97	37.79	26.303	563.58	0
"2012-10-02	18:00:00"	9.41	191.5	16.49	16.51	8.02	192	19.54	14.72	74.44	75.33	-0.883	39.53	37.64	26.283	377.93	0
"2012-10-02	19:00:00"	10.33	180.7	10.93	15.31	8.38	181.2	13.8	12.33	74.57	74.96	-0.393	39.28	37.99	26.276	174.58	0
"2012-10-02	20:00:00"	8.4	167.5	9.02	14.12	6.945	165.4	10.34	11.74	72.47	72.27	0.196	43.66	43.08	26.276	17.662	0
"2012-10-02	21:00:00"	8.18	158.9	9.56	12.93	6.83	158	9.98	11.14	69.02	68.69	0.333	51.11	50.88	26.282	0	0
"2012-10-02	22:00:00"	9.65	148.5	7.903	14.72	7.864	147.7	8.23	12.33	66.24	66.01	0.23	56.68	56.21	26.288	0	0
"2012-10-02	23:00:00"	11.11	156.8	9.23	16.51	9.2	155.1	9.1	15.31	64.86	64.69	0.163	59.69	59.01	26.291	0	0
"2012-10-03	00:00:00"	10.24	157.9	9.36	16.51	8.46	156.1	9.56	14.12	63.23	63.06	0.175	63.71	63.21	26.295	0	0
"2012-10-03	01:00:00"	9.66	156.5	9.69	14.72	7.978	156.1	10.45	12.93	62.05	61.85	0.202	64.11	63.74	26.291	0	0
"2012-10-03	02:00:00"	8.91	160.8	11.34	15.31	7.279	160.3	12.22	14.12	60.83	60.61	0.213	65.64	65.33	26.28	0	0
"2012-10-03	03:00:00"	5.109	163.1	10.21	9.95	4.843	162.5	11.07	8.16	59.41	59.13	0.28	68.2	68.25	26.272	0	0
"2012-10-03	04:00:00"	3.685	160.6	8.96	9.35	4.252	159	9.51	8.16	58.51	58.06	0.456	70.17	70.84	26.26	0	0
"2012-10-03	05:00:00"	1	140.2	17.38	1	2.916	123	25.38	5.175	57.66	56.22	1.435	71.29	74.33	26.249	0	0
"2012-10-03	06:00:00"	2.873	154.4	9.69	9.35	3.806	141.7	17.04	7.561	58.04	56.55	1.49	69.36	72.93	26.253	0	0
"2012-10-03	07:00:00"	3.827	152.4	7.744	7.561	3.556	140.3	12.07	5.771	57.5	56.04	1.462	69.4	72.81	26.254	0	0
"2012-10-03	08:00:00"	1	164.7	8.02	1	3.106	161.3	11.2	5.771	56.79	55.81	0.982	70.42	72.99	26.25	2.3808	0
"2012-10-03	09:00:00"	1.581	170	12.54	8.16	3.12	169.3	14.7	5.771	56.43	56.18	0.249	72.3	73.05	26.255	104.1	0
"2012-10-03	10:00:00"	6.776	194.4	17.06	12.33	6.144	192.5	19.16	10.54	59.55	59.97	-0.419	69.38	68.29	26.265	307.75	0
"2012-10-03	11:00:00"	7.783	211.8	13.36	12.33	6.887	212.9	17.22	11.14	63.81	64.53	-0.717	62.2	60.26	26.278	506.09	0
"2012-10-03	12:00:00"	5.177	226.2	20.83	9.95	5.416	227.2	26.9	9.35	68.56	69.47	-0.914	53.84	51.56	26.278	673.68	0
"2012-10-03	13:00:00"	5.867	227.6	20.23	12.33	5.321	230.9	23.77	9.95	74.36	75.41	-1.049	44.2	41.83	26.271	792.51	0
"2012-10-03	14:00:00"	6.926	227.9	25.07	15.31	6.173	230.9	28.64	12.33	80.2	81.5	-1.27	34.15	32.11	26.255	842.92	0
"2012-10-03	15:00:00"	8.56	250.8	26.49	18.3	7.111	253.4	29.5	15.31	85.5	86.8	-1.338	22.09	20.34	26.229	810.48	0
"2012-10-03	16:00:00"	11.79	276.8	18.45	22.47	8.8	281.1	20.31	15.91	87.9	89.6	-1.731	15.72	14.03	26.218	738.63	0
"2012-10-03	17:00:00"	7.669	278.5	27.65	20.09	6.642	283.5	30.1	16.51	88.9	90.2	-1.259	14.47	12.87	26.208	591.28	0
"2012-10-03	18:00:00"	4.462	271.6	26.63	13.52	5.398	276.3	27.21	12.93	89.6	90.3	-0.697	13.87	12.44	26.208	386.83	0
"2012-10-03	19:00:00"	8.76	252.3	12.78	15.91	6.973	257.1	16.04	14.12	89.6	89.4	0.144	14.71	13.59	26.213	180.3	0
"2012-10-03	20:00:00"	6.741	224.5	13.38	11.14	5.423	223.9	15.98	9.35	84.8	84.2	0.606	19.29	18.3	26.225	15.862	0
"2012-10-03	21:00:00"	8.53	189.4	12.93	15.31	6.409	186.1	12.54	11.74	77.84	76.74	1.101	31.18	31.25	26.245	0	0
"2012-10-03	22:00:00"	7.763	190	9.58	12.33	5.773	193.7	13.14	9.95	73.71	72.96	0.755	42.09	41.92	26.265	0	0
"2012-10-03	23:00:00"	8.01	202.2	31.12	22.47	6.312	205.5	37.5	17.7	72.68	71.92	0.759	42.8	42.59	26.28	0	0
"2012-10-04	00:00:00"	11.13	194.2	15.2	21.87	8.91	195.5	17.09	17.7	70.7	70.28	0.417	49.32	48.56	26.29	0	0
"2012-10-04	01:00:00"	8.24	197.6	15.92	15.91	6.358	198.3	18.79	12.93	67.42	66.93	0.489	58.32	58.04	26.303	0	0
"2012-10-04	02:00:00"	7.228	209.7	16.71	15.91	5.727	212.2	18.38	12.93	65.3	64.93	0.366	63.51	63.11	26.31	0	0
"2012-10-04	03:00:00"	7.247	222.5	14.19	10.54	5.781	224.4	17.06	9.35	63.77	63.44	0.333	66.79	66.44	26.313	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-04	04:00:00"	7.226	234	12.63	10.54	5.636	238.6	15.93	9.35	62.59	62.18	0.411	69.77	69.71	26.316	0
"2012-10-04	05:00:00"	7.73	235	14.74	11.14	5.717	237.8	18.07	9.95	61.01	60.53	0.477	72.26	72.5	26.315	0
"2012-10-04	06:00:00"	7.274	234.2	11.5	11.14	5.692	236.5	13.93	9.95	60.23	59.86	0.37	73.52	73.38	26.331	0
"2012-10-04	07:00:00"	10.64	323.9	68.92	23.66	8	324.1	66.23	20.68	60.75	59.83	0.921	63.61	64.96	26.371	0
"2012-10-04	08:00:00"	15.01	16.8	9.55	29.03	11.73	14.89	14.57	24.26	58.21	57.69	0.523	51.32	51.43	26.409	2.0142
"2012-10-04	09:00:00"	20.47	17.07	8.06	33.21	16.09	15.45	14.04	29.03	55.5	55.4	0.105	53.99	53.35	26.438	57.496
"2012-10-04	10:00:00"	24.39	18.16	8.1	35.59	19.13	17.29	14.54	30.82	55.8	56.47	-0.667	51.75	49.82	26.473	289.67
"2012-10-04	11:00:00"	22.11	16.6	10.83	35	17.51	15.01	17.86	28.43	57.2	58.5	-1.306	49.86	46.9	26.501	485.94
"2012-10-04	12:00:00"	20.64	16.48	10.95	29.63	16.49	15.19	17.4	26.05	59.55	61.4	-1.85	49.33	45.53	26.52	652.86
"2012-10-04	13:00:00"	16.82	17.68	12.35	27.84	13.85	16.86	18.01	23.07	62.31	64.51	-2.193	47.45	43.23	26.53	761.89
"2012-10-04	14:00:00"	11.69	22.85	16.06	22.47	9.94	22.75	21.45	18.89	64.61	66.92	-2.308	46.31	42	26.529	807.5
"2012-10-04	15:00:00"	9.04	16.1	25.61	16.51	7.971	16.16	28.86	15.91	66.74	68.9	-2.167	44.2	40.14	26.509	772.46
"2012-10-04	16:00:00"	6.671	20.92	22.24	14.72	6.741	21	28.37	13.52	68.54	70.61	-2.068	42.08	38.46	26.49	699.86
"2012-10-04	17:00:00"	6.741	21.12	29.76	13.52	6	21.15	35.84	12.93	70.03	71.77	-1.742	39.85	36.97	26.477	556.62
"2012-10-04	18:00:00"	6.403	44.44	26.73	12.93	5.977	47.25	27.91	11.14	70.98	72.11	-1.135	38.48	36.21	26.462	371.58
"2012-10-04	19:00:00"	6.679	80.3	14.78	10.54	5.654	81.7	15.04	9.35	70.86	71.36	-0.503	38.6	36.92	26.456	168.59
"2012-10-04	20:00:00"	7.364	100.7	6.885	10.54	4.998	99.8	8.7	8.75	68.05	67.59	0.456	43.32	43.08	26.46	14.743
"2012-10-04	21:00:00"	7.928	99.6	4.158	9.95	4.517	93.4	8.22	6.368	63.54	62.23	1.308	52.53	54.29	26.467	0
"2012-10-04	22:00:00"	8.45	99.8	4.888	11.14	5.203	94.6	6.537	7.561	61.21	60.14	1.067	58.1	59.57	26.465	0
"2012-10-04	23:00:00"	9.1	116.3	6.766	12.33	6.125	115.7	10.07	8.75	60.16	59.55	0.615	63.55	63.84	26.468	0
"2012-10-05	00:00:00"	7.867	98.3	14.05	11.74	5.39	93.2	18.45	8.16	57.75	57.36	0.389	71.34	71.16	26.471	0
"2012-10-05	01:00:00"	8.73	99.6	7.147	13.52	6.137	96.7	8.67	9.35	55.6	55.31	0.288	78.02	77.69	26.463	0
"2012-10-05	02:00:00"	10.34	106.2	6.597	13.52	7.893	105.8	8.68	11.14	54.82	54.73	0.088	82	81.3	26.45	0
"2012-10-05	03:00:00"	9.95	91.2	9.84	13.52	7.596	89.5	11.19	11.74	53.21	53.17	0.044	85.4	84.7	26.439	0
"2012-10-05	04:00:00"	10.23	86.4	7.077	13.52	7.631	84.8	8.55	11.14	51.75	51.74	0.009	87	86.3	26.429	0
"2012-10-05	05:00:00"	10.24	81	10.2	13.52	7.795	80.5	10.98	10.54	50.57	50.6	-0.03	87.1	86.2	26.416	0
"2012-10-05	06:00:00"	10.31	59.96	8.95	14.12	7.664	62.3	10.44	11.74	49.35	49.39	-0.047	87.5	86.8	26.418	0
"2012-10-05	07:00:00"	10.28	55.42	7.991	15.31	7.744	56.97	9.93	12.93	48.66	48.71	-0.053	87.9	87.2	26.424	0
"2012-10-05	08:00:00"	10.95	58.84	8.59	14.72	8.21	61.07	10.42	12.33	47.75	47.82	-0.069	87.8	86.8	26.427	1.9618
"2012-10-05	09:00:00"	11.51	61.55	10.97	18.3	9	63.4	12.31	14.72	48.38	48.63	-0.244	87	85.7	26.437	85.767
"2012-10-05	10:00:00"	13.81	72.47	8.46	20.09	11.14	73.34	9.6	17.1	51.12	51.73	-0.614	84.5	82.3	26.448	274.25
"2012-10-05	11:00:00"	10.6	70.71	11.46	16.51	8.78	71.93	12.18	14.12	53.21	54.11	-0.898	84.1	81.3	26.46	269.06
"2012-10-05	12:00:00"	7.748	74.14	16.52	12.33	6.548	76.36	17.67	10.54	55.96	56.96	-1.001	81.2	78.15	26.463	339.8
"2012-10-05	13:00:00"	5.637	126.9	32.23	10.54	5.019	127.9	36.54	9.35	59.2	60.12	-0.921	75.4	72.59	26.446	709.29
"2012-10-05	14:00:00"	4.769	116.4	41.01	9.95	4.22	116.3	45.34	9.95	63.84	64.94	-1.103	65.48	62.37	26.421	807.95
"2012-10-05	15:00:00"	5.483	134.3	35.33	11.74	4.792	133.9	37.29	9.95	69.01	70.05	-1.032	55.01	52.03	26.386	769.51
"2012-10-05	16:00:00"	8.03	149.1	23.02	14.12	6.875	149.9	23.99	13.52	72.77	74.04	-1.268	49.49	46.29	26.356	696.73
"2012-10-05	17:00:00"	9.67	162.5	18.26	20.09	8.1	162.6	19.65	18.3	76.11	77.36	-1.252	44.95	41.83	26.334	554.3
"2012-10-05	18:00:00"	11.46	138.6	11.69	18.89	9.36	139.5	12.15	15.91	77.1	78.09	-0.986	46.55	43.66	26.318	366.22
"2012-10-05	19:00:00"	13.26	126.2	9.76	18.3	10.56	128.1	11.42	15.91	76.11	76.53	-0.425	50.17	47.98	26.313	162.81
"2012-10-05	20:00:00"	12.27	98.1	13.7	17.7	9.52	98.5	15.43	14.12	71.3	71.2	0.101	58.49	57.1	26.315	12.873
"2012-10-05	21:00:00"	13.27	84.9	6.976	20.68	10.25	84.9	8.66	17.1	65.04	65.03	0.012	70.42	69.16	26.333	0
"2012-10-05	22:00:00"	14.25	84.6	7.764	21.28	10.96	85.1	9.67	17.1	61.62	61.67	-0.046	76.27	75.02	26.356	0
"2012-10-05	23:00:00"	14.1	84	7.494	20.68	10.96	83.7	9.53	17.1	59.81	59.86	-0.05	80.8	79.67	26.373	0
"2012-10-06	00:00:00"	19.53	85.1	7.566	30.22	15.27	85.8	9.4	24.26	57.87	57.97	-0.1	80.4	79.09	26.388	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-10-06	01:00:00"	20.64	83.1	7.699	29.63	16.04	82.7	9.38	26.65	56.43	56.57	-0.14	80.7	79.42	26.381	0	0
"2012-10-06	02:00:00"	19.37	74.75	7.642	27.24	15.38	75.05	8.92	24.26	55.39	55.62	-0.223	80.4	78.91	26.382	0	0
"2012-10-06	03:00:00"	19.42	75.1	8.54	26.65	15.35	75.38	9.72	23.07	54.66	54.91	-0.249	80.2	78.61	26.385	0	0
"2012-10-06	04:00:00"	19.01	63.3	9.16	27.24	14.64	67.18	10.79	22.47	53.23	53.44	-0.21	77.34	75.91	26.391	0	0
"2012-10-06	05:00:00"	17.87	57.08	9.63	25.45	13.26	60.86	11.78	21.87	50.21	50.45	-0.243	85	84.2	26.396	0.09903	0
"2012-10-06	06:00:00"	17.88	49.66	10.4	27.84	13.82	53.08	12.5	22.47	47.97	48.22	-0.25	87.6	87.1	26.415	0.6327	0
"2012-10-06	07:00:00"	19.02	43.93	8.56	27.84	14.96	46.14	10.53	23.66	45.8	46.09	-0.282	87.7	87.3	26.446	0.34527	0
"2012-10-06	08:00:00"	17.57	40.92	8.29	26.05	14.11	43.14	10.17	22.47	43.99	44.27	-0.287	87.4	87	26.465	0.91112	0
"2012-10-06	09:00:00"	17.69	41.96	11.14	26.05	14.31	44.66	13.55	23.66	43.05	43.38	-0.324	84.6	83.1	26.481	20.22	0
"2012-10-06	10:00:00"	16.4	61.28	10.63	24.26	12.65	64.96	11.84	19.49	43.44	43.85	-0.403	76.88	75.42	26.492	66.723	0
"2012-10-06	11:00:00"	15.55	73.7	10.48	23.07	12.47	75.03	11.17	18.89	44.54	45.19	-0.645	68.07	66.09	26.497	145.33	0
"2012-10-06	12:00:00"	11.12	68.44	15.13	17.7	8.99	70.06	16.54	14.72	46.6	47.5	-0.904	61.46	59.01	26.494	257.37	0
"2012-10-06	13:00:00"	8.65	72.64	18.75	13.52	7.291	73.68	20	11.74	49.16	50.42	-1.255	57.96	54.86	26.484	398.54	0
"2012-10-06	14:00:00"	8.19	68.3	22.67	14.12	7.016	69.98	23.42	12.33	51.47	52.65	-1.179	54.44	51.37	26.458	355.84	0
"2012-10-06	15:00:00"	5.973	65.33	31.86	11.74	5.075	68.19	33.91	9.95	53.18	54.32	-1.136	52.54	49.61	26.438	350.84	0
"2012-10-06	16:00:00"	6.461	63.12	26.74	12.33	5.613	65.65	28.95	11.14	54.83	56.07	-1.239	51.65	48.54	26.424	443.34	0
"2012-10-06	17:00:00"	9.82	67.98	17.83	15.91	8.17	69.49	18.77	15.31	55.97	57.25	-1.284	49.93	46.64	26.405	419.41	0
"2012-10-06	18:00:00"	11.77	73.15	12.06	16.51	9.56	75.15	12.65	15.31	55.08	55.84	-0.76	50.4	47.71	26.406	182.44	0
"2012-10-06	19:00:00"	13.44	67.72	10.18	20.68	10.59	70.69	10.99	15.31	53.38	53.82	-0.441	50.68	48.48	26.417	99.448	0
"2012-10-06	20:00:00"	13.9	69.16	8.2	20.09	11.11	71.33	9.38	18.3	50.46	50.61	-0.151	51.71	49.95	26.436	11.119	0
"2012-10-06	21:00:00"	14.73	69.74	8.07	22.47	11.76	72.35	9.29	17.7	47.93	48.06	-0.123	54.14	52.48	26.466	0	0
"2012-10-06	22:00:00"	14.77	73.15	7.83	23.07	11.75	73.98	9.43	18.89	46.48	46.44	0.035	56.33	54.86	26.494	0	0
"2012-10-06	23:00:00"	15.93	67.96	9.61	23.66	12.57	71.12	9.91	20.68	45.68	45.49	0.196	55.76	54.5	26.513	0	0
"2012-10-07	00:00:00"	16.44	62.86	8.85	25.45	12.6	66.72	10.89	18.89	44.35	44.23	0.121	55.63	54.27	26.526	0	0
"2012-10-07	01:00:00"	14.91	57.9	9.65	23.07	11	61.7	11.71	18.89	43.62	43.66	-0.042	53.56	52.07	26.541	0	0
"2012-10-07	02:00:00"	16.06	56.2	10.32	23.07	12.12	60.43	12.25	19.49	42.96	42.94	0.017	52.33	50.82	26.539	0	0
"2012-10-07	03:00:00"	14.26	60.45	10.45	21.28	11.05	65.4	11.71	18.3	42.22	42.11	0.106	51.21	49.81	26.547	0	0
"2012-10-07	04:00:00"	14.64	56.47	10.6	20.68	11.23	60.25	12.57	18.3	41.69	41.62	0.074	51	49.61	26.544	0	0
"2012-10-07	05:00:00"	14.37	58.11	10.99	21.28	11.05	61.85	12.82	17.7	40.92	40.84	0.082	46.98	45.46	26.531	0	0
"2012-10-07	06:00:00"	13.82	64.93	9.76	20.09	10.72	67.97	11.28	17.7	40.03	39.87	0.159	46.68	45.38	26.53	0	0
"2012-10-07	07:00:00"	10.17	63.26	11.65	14.12	7.926	67.02	12.5	12.93	39.56	39.52	0.042	50.52	49.17	26.537	0	0
"2012-10-07	08:00:00"	9.38	73.49	11	13.52	7.551	75.18	11.48	12.33	39.5	39.43	0.077	52.13	50.79	26.546	0.59885	0
"2012-10-07	09:00:00"	7.615	75.42	10.27	11.74	6.117	76.56	11.3	9.95	39.56	39.59	-0.031	53.01	51.59	26.553	23.388	0
"2012-10-07	10:00:00"	6.688	83	16.68	10.54	5.46	84.7	17.7	8.16	40.22	40.42	-0.199	52.79	51.16	26.557	83.27	0
"2012-10-07	11:00:00"	5.685	100.5	21.95	11.14	4.732	103	25.06	12.33	41.43	41.65	-0.218	50.65	48.97	26.567	187.77	0
"2012-10-07	12:00:00"	6.616	134.3	23.52	12.33	5.7	136.2	25.43	11.74	42.69	42.94	-0.244	51.07	49.35	26.557	231.66	0
"2012-10-07	13:00:00"	6.362	129.9	23.69	11.74	5.564	133.3	25.51	10.54	43.94	43.94	-0.003	50.76	49.29	26.541	336.01	0
"2012-10-07	14:00:00"	4.305	125.6	47.93	11.14	4.213	124.3	48.43	9.95	45.47	45.99	-0.513	50.11	47.92	26.513	429.23	0
"2012-10-07	15:00:00"	5.649	146.2	29.42	12.93	4.87	146.6	31.9	11.14	47.12	47.58	-0.46	49.55	47.4	26.485	392.36	0
"2012-10-07	16:00:00"	4.531	129.3	39.79	12.93	4.333	129	42.34	12.33	48.44	48.87	-0.427	49.48	47.35	26.466	363.25	0
"2012-10-07	17:00:00"	5.623	102	32.1	11.14	5.034	104.1	36.08	9.95	49.45	49.94	-0.491	49.44	47.15	26.454	333.38	0
"2012-10-07	18:00:00"	7.13	90.4	17.75	11.74	6.097	90.8	19.61	11.14	49.92	50.15	-0.227	49.14	47.14	26.448	178.09	0
"2012-10-07	19:00:00"	9.22	88	12.88	12.93	7.622	89	14.5	11.74	49.34	49.42	-0.073	49.21	47.4	26.452	141.93	0
"2012-10-07	20:00:00"	8.32	91.6	7.398	12.93	6.575	92.2	8.14	11.74	47.02	46.85	0.168	53.39	52.17	26.459	12.208	0
"2012-10-07	21:00:00"	6.768	93.4	6.612	8.75	4.98	93.4	7.944	6.964	43.45	43.21	0.243	60.35	59.71	26.475	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-07	22:00:00"	6.802	91.2	6.67	9.35	4.761	90.8	7.767	6.964	41.29	41	0.289	65	64.61	26.492	0	0	
"2012-10-07	23:00:00"	6.572	97.8	7.021	8.16	3.996	92.2	9.1	5.771	40.09	39.53	0.554	68.1	68.47	26.501	0	0	
"2012-10-08	00:00:00"	6.285	103.2	12.53	8.16	3.656	96.1	15.48	5.771	39.54	38.84	0.7	69.16	70.07	26.498	0	0	
"2012-10-08	01:00:00"	6.056	98	8.61	8.16	3.457	84.7	10.68	5.771	38.96	38.02	0.946	69.76	71.22	26.495	0	0	
"2012-10-08	02:00:00"	5.852	89.2	6.496	7.561	3.375	69.4	11.43	5.175	38.43	37.33	1.104	70.92	72.67	26.49	0	0	
"2012-10-08	03:00:00"	5.929	90.9	5.528	6.964	3.661	74.32	8.64	5.175	38.6	37.35	1.251	70.55	72.42	26.486	0	0	
"2012-10-08	04:00:00"	6.958	102.9	6.686	8.16	3.634	88	11.42	5.175	37.78	36.13	1.653	72.41	75.3	26.478	0	0	
"2012-10-08	05:00:00"	7.014	118.6	7.201	8.75	4.568	117.7	10.47	6.368	37.28	36.7	0.582	73.91	74.76	26.465	0	0	
"2012-10-08	06:00:00"	5.654	135.8	9.87	8.16	3.966	134.1	9.94	6.368	37.48	37.17	0.311	74.48	74.46	26.466	0	0	
"2012-10-08	07:00:00"	3.55	184.8	36.31	8.16	3.059	185.8	44.42	6.368	37.85	37.57	0.285	74.52	74.36	26.47	0	0	
"2012-10-08	08:00:00"	1.086	192.6	21.48	2.789	1.26	195.8	33.82	2.789	37.82	37.45	0.365	75.38	75.5	26.472	2.5182	0	
"2012-10-08	09:00:00"	4.652	163.6	11.81	8.75	4.007	162.1	13.81	7.561	39.1	39.15	-0.051	76.51	75.71	26.478	83.408	0	
"2012-10-08	10:00:00"	8.81	191	13.82	13.52	7.186	191.3	16.53	12.33	43.72	43.94	-0.221	74.76	72.98	26.486	277.49	0	
"2012-10-08	11:00:00"	9.69	201	14.15	15.91	7.809	202.6	17.2	14.72	47.17	47.74	-0.57	69.32	66.97	26.484	483.3	0	
"2012-10-08	12:00:00"	10.6	200.1	16.51	17.1	8.64	199.9	19.03	14.72	50.61	51.11	-0.505	64.52	62.09	26.469	646.57	0	
"2012-10-08	13:00:00"	10.45	194.5	16.81	18.3	8.76	195	20.89	17.1	53.38	54.11	-0.735	60.13	57.44	26.449	753.07	0	
"2012-10-08	14:00:00"	11.48	193.8	15.1	18.89	9.33	194.6	17.91	15.31	57.24	58.45	-1.204	54.71	51.3	26.417	796.77	0	
"2012-10-08	15:00:00"	13.24	186.9	13.34	20.09	10.73	187.9	16.91	17.1	61.28	62.03	-0.748	49.2	46.24	26.375	735.29	0	
"2012-10-08	16:00:00"	13.44	181.2	12.89	21.87	10.91	181.5	16.57	17.7	63.84	65.2	-1.362	46.41	42.98	26.341	683.33	0	
"2012-10-08	17:00:00"	13.21	181.3	12.81	22.47	10.66	181.4	16.51	18.89	65.69	66.84	-1.157	44.81	41.68	26.321	541.06	0	
"2012-10-08	18:00:00"	12.68	180.1	10.3	20.09	10.18	180.5	14.15	15.91	66.46	67.18	-0.725	45.13	42.54	26.311	356.9	0	
"2012-10-08	19:00:00"	14.09	176.1	7.516	18.89	11.16	174.7	10.26	15.91	65.81	65.87	-0.066	47.01	45.26	26.305	154.77	0	
"2012-10-08	20:00:00"	10.75	181.7	7.36	15.91	8.66	180.2	9.44	14.72	62.22	62.08	0.144	53.36	52.14	26.306	11.153	0	
"2012-10-08	21:00:00"	8.28	174.6	9.7	15.31	6.108	173.4	11.82	11.14	58.36	58.01	0.345	61.43	60.85	26.315	0	0	
"2012-10-08	22:00:00"	8.77	190.1	8.5	14.72	6.629	193.1	11.8	11.14	55.93	55.57	0.359	67.28	66.86	26.324	0	0	
"2012-10-08	23:00:00"	7.6	207.5	12.46	11.74	6.061	203.2	12.78	9.95	55.47	55.18	0.288	68.63	68.01	26.323	0	0	
"2012-10-09	00:00:00"	6.914	204.8	10.88	9.95	5.404	200	10.35	7.561	54.79	54.43	0.362	70.16	69.83	26.324	0	0	
"2012-10-09	01:00:00"	6.796	215	12.22	10.54	5.344	215.3	14.18	8.75	54.39	54.08	0.315	71.21	70.72	26.314	0	0	
"2012-10-09	02:00:00"	6.086	230.7	13.51	9.35	4.729	234.2	17.28	8.16	53.43	53.01	0.418	73.52	73.36	26.302	0	0	
"2012-10-09	03:00:00"	5.362	221.8	13.76	9.35	4.544	225.5	16.1	8.16	52.84	52.48	0.364	75.21	74.94	26.295	0	0	
"2012-10-09	04:00:00"	6.896	209.1	10.94	11.14	5.583	201.6	10.82	9.35	51.65	51.32	0.335	77.72	77.49	26.288	0	0	
"2012-10-09	05:00:00"	6.613	219.3	13.62	9.95	5.216	218.9	16.3	8.16	50.86	50.55	0.316	79.91	79.7	26.277	0	0	
"2012-10-09	06:00:00"	7.423	244.3	11.67	9.95	5.697	250.3	13.93	8.75	49.92	49.53	0.39	82.4	82.5	26.282	0	0	
"2012-10-09	07:00:00"	7.061	245.9	9.99	9.95	5.375	252	12.45	8.75	49.75	49.25	0.502	83.8	83.9	26.29	0	0	
"2012-10-09	08:00:00"	7.101	258.3	7.815	9.95	5.563	267.7	8.53	9.35	50.18	49.75	0.427	84.2	84.2	26.302	1.5778	0	
"2012-10-09	09:00:00"	8.69	253.4	8.7	11.74	6.657	260.3	12.72	11.14	50.74	50.61	0.136	85	84.7	26.317	94.188	0	
"2012-10-09	10:00:00"	7.542	232.7	10.99	11.74	6.577	237.1	13.43	9.95	54.3	54.58	-0.284	81.1	79.17	26.331	289.67	0	
"2012-10-09	11:00:00"	7.98	249.1	12.97	11.74	7.013	251	14.94	10.54	62.44	63.08	-0.642	62.7	60.18	26.339	489.89	0	
"2012-10-09	12:00:00"	12.3	290.5	15.71	21.87	8.05	293	17.73	15.31	75.88	77.25	-1.37	32.44	30.21	26.329	652.88	0	
"2012-10-09	13:00:00"	13.9	298.4	10.14	21.87	8.49	300.7	12.56	14.12	81.2	83.1	-1.831	24.26	22.03	26.317	787.29	0	
"2012-10-09	14:00:00"	10.97	280.4	15.66	19.49	7.955	282.7	17.85	14.72	83.2	85.1	-1.884	19.33	17.28	26.303	816.51	0	
"2012-10-09	15:00:00"	11.52	265.4	17.13	20.68	9.11	270.6	18.22	17.1	84.7	86.4	-1.727	15.74	13.83	26.282	775.7	0	
"2012-10-09	16:00:00"	12.04	260.4	20.71	22.47	9.44	265	21.41	17.7	85.6	87	-1.43	15.03	13.17	26.27	696.98	0	
"2012-10-09	17:00:00"	11.24	268.2	19.78	21.28	8.59	271.4	22.01	18.89	85.9	87.2	-1.278	14.88	13.12	26.261	549.6	0	
"2012-10-09	18:00:00"	10.72	266.7	14.34	18.3	8.32	271.9	15.52	14.72	86.2	86.7	-0.55	14.31	12.75	26.253	347.34	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-09	19:00:00"	8.62	242	24.14	18.3	6.52	245.6	28.66	17.1	85.5	85.3	0.125	15.88	14.45	26.255	160.29	0
"2012-10-09	20:00:00"	4.034	217.2	16.98	9.35	1.9	214.3	21.75	5.771	81.6	80.6	1.043	20.07	19.34	26.267	9.4821	0
"2012-10-09	21:00:00"	3.969	192.8	10.48	8.16	1.309	192.6	16.32	6.368	77.4	75.49	1.909	23.43	23.93	26.287	0	0
"2012-10-09	22:00:00"	1.557	142.6	32.02	6.368	1.127	42.24	58.45	3.982	73.85	69.57	4.281	27.31	29.92	26.31	0	0
"2012-10-09	23:00:00"	4.406	159.8	27.86	8.16	1.415	156.6	47.46	5.175	71.95	68.85	3.104	31.57	33.31	26.329	0	0
"2012-10-10	00:00:00"	6.372	203	12.52	9.35	3.403	207.6	14.24	6.964	68.07	67.18	0.894	43.17	42.34	26.341	0	0
"2012-10-10	01:00:00"	5.78	202	10.82	8.75	2.922	203.7	11.31	5.771	65.32	64.54	0.776	54.59	53.71	26.338	0	0
"2012-10-10	02:00:00"	6.762	216.6	12.92	9.95	4.565	215.2	15.41	7.561	64.17	63.62	0.545	60.22	59.65	26.334	0	0
"2012-10-10	03:00:00"	4.72	186.7	16.83	7.561	1.612	182.4	15.79	5.771	62.72	61.56	1.155	63.55	63.92	26.346	0	0
"2012-10-10	04:00:00"	9.5	53.08	50.32	21.28	7.15	52.8	45.87	18.3	61.29	59.88	1.407	65.95	67.21	26.374	0	0
"2012-10-10	05:00:00"	14.49	39.94	7.217	21.28	11.6	41.91	8.9	18.3	56.44	55.87	0.57	58.11	57.94	26.39	0	0
"2012-10-10	06:00:00"	16.76	43.84	7.489	24.26	13.42	45.62	8.97	21.28	54.82	54.39	0.434	58.22	57.75	26.409	0	0
"2012-10-10	07:00:00"	17.58	41.9	7.51	25.45	14.05	43.79	9.07	22.47	52.93	52.52	0.41	63.47	63.16	26.429	0	0
"2012-10-10	08:00:00"	18.32	42.09	7.061	27.24	14.86	44.19	8.72	22.47	50.43	50.1	0.327	66.79	66.37	26.448	1.2929	0
"2012-10-10	09:00:00"	15.81	27.76	9.25	21.87	12.77	28.09	13.35	19.49	49	48.92	0.077	68.19	67.35	26.477	74.718	0
"2012-10-10	10:00:00"	16.96	23.67	7.973	23.66	13.54	24.1	13.05	21.28	50.02	50.67	-0.647	68.44	66.24	26.508	197.32	0
"2012-10-10	11:00:00"	15.47	27.22	8.37	21.87	12.67	28.95	12.88	18.89	51.96	52.93	-0.963	67.98	64.99	26.526	239.15	0
"2012-10-10	12:00:00"	12.8	29.47	11.84	18.89	10.54	31.09	15.56	16.51	54.1	55.22	-1.122	66.77	63.5	26.537	314.35	0
"2012-10-10	13:00:00"	10.78	38.19	14.31	16.51	9.11	40.12	16.54	15.31	56.32	57.43	-1.105	67.02	63.78	26.532	445.75	0
"2012-10-10	14:00:00"	8.79	43.6	21.04	14.12	7.518	46.13	23.81	12.33	58.21	59.34	-1.131	66.33	62.95	26.511	428.71	0
"2012-10-10	15:00:00"	6.137	60.89	29.07	14.12	5.482	61.49	31.64	12.93	61.54	62.53	-0.996	63.26	60.11	26.474	653.09	0
"2012-10-10	16:00:00"	5.821	100.9	28.6	11.14	5.021	100.9	31.31	10.54	64.82	65.96	-1.14	59.33	56.03	26.439	654.99	0
"2012-10-10	17:00:00"	6.697	119.4	27.89	13.52	6.004	121.9	27.54	12.93	66.65	67.81	-1.166	57.54	54.17	26.42	492.23	0
"2012-10-10	18:00:00"	8.64	130.4	18.97	14.72	7.131	131.6	19.89	12.93	67.53	68.48	-0.947	56.85	53.75	26.411	325.68	0
"2012-10-10	19:00:00"	8.72	134.5	13.27	14.12	7.129	135.2	14.28	11.14	67.5	67.68	-0.179	57.24	55.35	26.406	126.39	0
"2012-10-10	20:00:00"	8.27	141.5	10.98	12.33	6.657	141.4	10.44	9.95	64.85	64.67	0.179	62.93	61.82	26.415	4.6745	0
"2012-10-10	21:00:00"	7.465	146.8	11.04	12.33	5.911	144.7	11.59	9.95	61.4	61.17	0.229	70.87	70.04	26.425	0	0
"2012-10-10	22:00:00"	6.75	114.2	8.78	9.95	4.521	109.4	11.71	6.964	59.04	58.27	0.769	75.37	75.42	26.431	0	0
"2012-10-10	23:00:00"	8.37	116.6	6.532	11.74	6.009	116.7	9.53	9.35	57.79	57.47	0.326	77.56	77.1	26.438	0	0
"2012-10-11	00:00:00"	9.57	116.1	7.603	14.12	7.434	117.8	10.46	11.74	57.44	57.3	0.143	77.97	77.21	26.441	0	0
"2012-10-11	01:00:00"	8.88	101.4	6.792	12.33	6.886	101	8.09	9.95	54.84	54.7	0.139	82.8	82.3	26.437	0	0
"2012-10-11	02:00:00"	6.462	88.6	7.42	9.35	5.038	87.1	8.4	8.16	53.99	54.08	-0.086	85.1	84	26.43	0	0
"2012-10-11	03:00:00"	9.13	84	7.406	12.33	7.397	83.9	9.16	9.95	55.01	55.21	-0.193	84.6	83	26.416	0	0
"2012-10-11	04:00:00"	8.91	94.5	7.602	12.93	7.191	94.5	8.49	11.14	56.48	56.63	-0.147	83.5	82	26.407	0	0
"2012-10-11	05:00:00"	8.84	89.2	7.428	12.93	7.145	89.5	9.07	11.74	56.66	56.77	-0.114	83.7	82.4	26.395	0	0
"2012-10-11	06:00:00"	8.67	92	8.11	12.93	7.038	91.9	8.84	9.95	56.57	56.69	-0.121	84.5	83.2	26.391	0	0
"2012-10-11	07:00:00"	7.376	96.1	7.058	13.52	6.889	97.1	7.975	9.95	57.19	57.26	-0.074	84.3	82.9	26.396	0	0
"2012-10-11	08:00:00"	7.003	96.5	7.235	9.35	5.874	96.7	8.65	8.16	57.75	57.77	-0.022	84.2	83.1	26.408	0.44022	0
"2012-10-11	09:00:00"	6.978	94.3	13.3	11.14	5.833	94.6	14.82	9.35	58.74	58.82	-0.081	85	83.8	26.416	23.175	0
"2012-10-11	10:00:00"	7.852	99.7	8.62	11.14	6.731	100.6	10.22	9.95	60.28	60.52	-0.242	85.7	84.1	26.428	103.51	0
"2012-10-11	11:00:00"	7.818	120.9	25.22	13.52	6.571	121.2	26.23	11.74	62.45	62.85	-0.406	84.8	82.9	26.437	159.05	0
"2012-10-11	12:00:00"	10.69	162.4	13.67	21.28	8.9	160.6	14.25	17.7	68.23	68.85	-0.615	78.59	75.84	26.429	442.37	0
"2012-10-11	13:00:00"	14.18	170.4	11.07	21.87	11.49	169.3	12.9	18.3	73.66	73.74	-0.079	67.25	65.31	26.413	394.73	0
"2012-10-11	14:00:00"	14.37	176.4	13.48	21.28	11.6	175.7	16.45	18.3	75.66	76.31	-0.643	60.28	57.77	26.397	466.69	0
"2012-10-11	15:00:00"	12.59	184.3	14.77	21.28	9.96	184.9	17.97	18.89	76.88	77.47	-0.585	56.72	54.39	26.379	341.02	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-11	16:00:00"	11.62	183.7	15.33	20.09	9.12	184.1	18.89	17.1	80.4	81.6	-1.117	47.4	44.45	26.356	652.82	0	
"2012-10-11	17:00:00"	12.41	170.1	14.05	19.49	9.77	169.4	15.87	17.1	81.6	82.7	-1.064	43.16	40.29	26.344	512.13	0	
"2012-10-11	18:00:00"	12.63	160.1	13.16	19.49	10.16	158.7	13.69	17.1	81.8	82.3	-0.551	44.1	41.73	26.339	283.92	0	
"2012-10-11	19:00:00"	12.17	158.7	12.43	19.49	9.86	157.8	13.72	17.1	81.2	81.1	0.146	47.43	45.89	26.344	127.97	0	
"2012-10-11	20:00:00"	8.6	134.7	7.611	11.74	6.246	134.2	8.27	9.35	77.74	77.03	0.705	54.28	53.84	26.358	5.1072	0	
"2012-10-11	21:00:00"	8.34	121.6	18.32	11.74	5.674	118.1	22.95	9.35	73.99	73.03	0.966	61.79	61.93	26.376	0	0	
"2012-10-11	22:00:00"	9.37	124.3	13.24	14.12	6.832	122.1	16.71	11.74	71.37	70.71	0.657	70.55	70.37	26.397	0	0	
"2012-10-11	23:00:00"	8.5	123.1	10.35	12.33	6.286	122.9	12.21	10.54	69.65	69.15	0.494	76.51	76.23	26.42	0	0	
"2012-10-12	00:00:00"	8.42	134	9.74	12.33	6.344	133.4	11.6	9.95	68.36	67.95	0.411	81.4	81.1	26.427	0	0	
"2012-10-12	01:00:00"	6.903	97.4	13.75	9.95	4.575	92.5	14.59	6.964	66.85	66.01	0.841	84.9	85.2	26.422	0	0	
"2012-10-12	02:00:00"	7.66	103.9	10.56	9.95	5.23	100.1	12.18	7.561	65.9	65.09	0.808	86.2	86.7	26.409	0	0	
"2012-10-12	03:00:00"	8.33	103.6	10.02	11.14	6.01	100.8	11.72	8.75	64.86	64.36	0.495	88	88.1	26.405	0	0	
"2012-10-12	04:00:00"	9.57	105.6	11.67	14.72	7.019	104.3	14.32	10.54	64.15	63.75	0.403	88.8	88.8	26.405	0	0	
"2012-10-12	05:00:00"	10	117.1	7.546	13.52	7.449	117	10.18	10.54	64.02	63.67	0.342	89	88.8	26.388	0	0	
"2012-10-12	06:00:00"	9.38	123.8	9.8	13.52	6.958	124	11.6	11.14	63.96	63.7	0.265	89.4	89.2	26.376	0	0	
"2012-10-12	07:00:00"	7.202	122.2	11.8	11.74	4.907	118.8	13.78	9.35	63.67	63.11	0.559	90.2	90.1	26.383	0	0	
"2012-10-12	08:00:00"	5.835	110.8	52.9	9.95	4.11	105.7	58.32	8.75	64.41	63.68	0.731	90.3	90	26.385	0.71533	0	
"2012-10-12	09:00:00"	4.8	105.7	72.1	11.14	3.507	105.1	70.7	9.95	63.52	62.96	0.557	91.2	91.5	26.415	17.467	0	
"2012-10-12	10:00:00"	7.047	178.9	14.07	12.33	5.43	179	18.01	10.54	67.23	67.32	-0.091	90.1	88.7	26.441	84.556	0	
"2012-10-12	11:00:00"	9.04	157.3	13.27	13.52	7.369	156.6	13.74	12.33	68.92	69.19	-0.277	84.4	82.6	26.451	173.95	0	
"2012-10-12	12:00:00"	10.23	152.7	14.92	20.09	8.55	152.1	15.48	17.1	71.33	71.9	-0.571	75.82	73.8	26.441	422.84	0	
"2012-10-12	13:00:00"	12.84	154.1	14.73	20.09	10.74	153.6	15.16	17.7	73.71	74.59	-0.885	70.38	67.62	26.422	608.74	0	
"2012-10-12	14:00:00"	9.96	165.5	16.14	17.7	8.2	166	17.96	14.72	74.53	75.36	-0.83	69.47	66.77	26.41	337.35	0	
"2012-10-12	15:00:00"	15.02	155.7	14.05	25.45	12.39	154.7	14.05	20.68	77.27	77.92	-0.642	63.9	61.37	26.379	504.39	0	
"2012-10-12	16:00:00"	13.4	162.6	12.84	20.68	11.05	161.6	14.67	18.3	77.43	78.11	-0.675	61.98	59.48	26.36	310.19	0	
"2012-10-12	17:00:00"	13.57	161.2	11.24	21.87	11.19	159.8	12.42	18.3	78.65	79.07	-0.423	59.21	57.1	26.344	275.41	0	
"2012-10-12	18:00:00"	13.67	165	12.97	21.87	11.06	164.2	14.59	18.89	80.5	80.9	-0.451	54.22	52.05	26.321	286.19	0	
"2012-10-12	19:00:00"	16.52	151.2	11.31	23.66	13.49	150.4	11.77	21.28	79.62	79.45	0.163	56	54.61	26.309	115.3	0	
"2012-10-12	20:00:00"	15.47	151.1	9.93	23.07	12.68	150.3	9.93	20.09	75.91	75.45	0.452	63.28	62.58	26.307	5.5705	0	
"2012-10-12	21:00:00"	16.67	150.6	9.34	24.86	13.52	150	9.73	21.87	72.81	72.44	0.373	69.46	68.84	26.311	0	0	
"2012-10-12	22:00:00"	15.09	148.9	8.92	25.45	12.22	148.1	8.79	20.68	70.83	70.6	0.226	72.81	72.04	26.323	0	0	
"2012-10-12	23:00:00"	15.26	150.6	9.13	21.87	12.41	150.2	9.43	19.49	69.99	69.74	0.25	73.74	72.97	26.321	0	0	
"2012-10-13	00:00:00"	16.02	160	11.83	27.84	12.82	158.4	13.06	23.07	70.83	70.53	0.302	70	69.49	26.328	0	0.01	
"2012-10-13	01:00:00"	18.37	158.6	10.06	29.63	14.95	157.1	10.94	26.05	70.13	69.72	0.416	72.08	72.19	26.303	0	0	
"2012-10-13	02:00:00"	16.91	168.4	10.25	24.86	13.35	167.5	11.91	21.28	69.75	68.83	0.924	71.16	71.76	26.294	0	0	
"2012-10-13	03:00:00"	19.52	171.1	7.401	30.22	15.24	170.1	9.92	25.45	69.64	68.89	0.743	64.92	65.06	26.286	0	0	
"2012-10-13	04:00:00"	19.15	175.3	6.497	27.84	14.9	174.5	9.02	23.07	69.85	68.31	1.543	63.7	65.3	26.287	0	0	
"2012-10-13	05:00:00"	15.91	178.8	7.414	23.66	12.52	178.5	9.85	17.7	67.89	66.89	0.997	67.8	68.51	26.29	0	0	
"2012-10-13	06:00:00"	13.22	183.2	8.14	20.68	10.51	184.1	11.8	15.91	66.25	65.91	0.343	71.48	71.12	26.299	0	0	
"2012-10-13	07:00:00"	11.34	189	9.03	19.49	8.81	192.3	13.03	14.72	66.36	65.07	1.287	72.62	73.64	26.309	0	0	
"2012-10-13	08:00:00"	9.71	192.7	11.28	15.31	7.676	194.9	14.28	12.93	66.87	63.97	2.903	73.18	76.63	26.316	0.58155	0	
"2012-10-13	09:00:00"	6.24	212	19.97	14.12	5.25	216.3	21.85	11.14	64.23	62.88	1.356	77.69	80	26.331	56.448	0	
"2012-10-13	10:00:00"	8.37	211.1	13.4	15.31	6.877	210.9	15.37	12.93	65.29	65.64	-0.344	77.34	75.91	26.342	255.17	0	
"2012-10-13	11:00:00"	11.4	239.3	24.76	17.7	9.1	241.6	28.09	15.31	70.42	71.12	-0.705	54.03	52.17	26.344	472.78	0	
"2012-10-13	12:00:00"	14.31	264.3	12.38	22.47	11.07	269.7	13.67	17.7	75.8	76.99	-1.188	26.65	24.83	26.33	647.11	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-13	13:00:00"	16.29	250.2	14.23	28.43	12.99	255.1	17.65	21.87	77.35	78.75	-1.401	25.25	23.1	26.312	758.41	0	
"2012-10-13	14:00:00"	16.54	242.8	16.59	29.03	13.43	246.8	19.37	25.45	78.07	79.46	-1.391	24.45	22.22	26.292	795.94	0	
"2012-10-13	15:00:00"	14.3	260.6	18.34	23.66	11.17	264.8	19.79	20.68	78.31	80.1	-1.776	22.95	20.65	26.269	754.15	0	
"2012-10-13	16:00:00"	16.8	271.5	14.22	26.05	12.45	276.2	15.64	24.26	78.25	80.1	-1.82	21.6	19.31	26.26	676.38	0	
"2012-10-13	17:00:00"	17.13	256.8	21.86	33.8	13.34	260.8	23.06	26.65	79.42	80.5	-1.133	16.34	14.42	26.253	534.17	0	
"2012-10-13	18:00:00"	15.57	289	15.24	26.65	10.13	292.4	15.96	23.07	78.64	79.65	-1.005	16.36	14.62	26.256	350.44	0	
"2012-10-13	19:00:00"	13.17	297.8	10.26	20.09	7.724	301.6	12.1	14.12	76.72	76.89	-0.166	19.16	17.74	26.259	146.86	0	
"2012-10-13	20:00:00"	10.31	327.5	9.48	13.52	6.451	329.9	10.91	9.35	71.16	69.39	1.767	24.56	24.62	26.287	6.9555	0	
"2012-10-13	21:00:00"	10.45	343.8	5.758	14.72	6.823	343.4	8.35	11.74	66.15	64.33	1.821	29.87	30.26	26.311	0	0	
"2012-10-13	22:00:00"	11.01	349.3	7.623	15.31	7.433	348.3	10.17	11.74	63.83	62.22	1.605	30.81	31.1	26.336	0	0	
"2012-10-13	23:00:00"	9.65	348.7	9.1	12.93	6.059	348.4	9.64	9.35	61.71	59.64	2.071	32.84	33.87	26.36	0	0	
"2012-10-14	00:00:00"	9.99	340.9	10.05	16.51	6.179	343.4	12.04	12.93	62.55	59.91	2.641	31.3	32.95	26.372	0	0	
"2012-10-14	01:00:00"	11.8	327	9.59	19.49	7.689	328.7	11.44	15.31	63.3	61.3	1.993	29.53	30.28	26.376	0	0	
"2012-10-14	02:00:00"	10.94	332.1	8.59	15.31	7.326	333.2	9.48	11.74	60.3	58.66	1.639	34.71	35.05	26.39	0	0	
"2012-10-14	03:00:00"	10.95	335.5	7.057	15.31	7.434	336.5	9.25	11.74	58.3	56.88	1.42	38.6	38.97	26.407	0	0	
"2012-10-14	04:00:00"	12	320.8	7.377	17.1	7.772	323.3	9.77	14.12	58.97	57.71	1.266	37.9	38.02	26.413	0	0	
"2012-10-14	05:00:00"	12.46	343.8	14.96	17.1	9.11	343.2	13.43	15.31	57.21	56.2	1.011	42.38	42.26	26.418	0	0	
"2012-10-14	06:00:00"	13.25	4.707	11.26	18.3	9.93	1.218	13.5	15.31	57.11	56.26	0.852	45.27	45.04	26.434	0	0	
"2012-10-14	07:00:00"	13.12	358.6	14.3	17.7	9.9	354.9	12.88	14.12	55.97	55.13	0.834	48.79	48.62	26.447	0	0	
"2012-10-14	08:00:00"	11.61	4.472	11.13	15.31	8.56	0.505	13.6	13.52	55.26	54.37	0.899	49.87	49.94	26.472	0.94026	0	
"2012-10-14	09:00:00"	10.73	8.69	8.12	14.72	8.19	5.149	13.71	12.33	56.25	55.82	0.43	48.65	48.07	26.506	84.147	0	
"2012-10-14	10:00:00"	11.93	22.39	10.07	18.89	9.53	22.39	14.36	17.7	62.5	62.74	-0.247	39.41	38.02	26.537	277.23	0	
"2012-10-14	11:00:00"	12.8	35.55	10.44	20.68	10.52	36.57	12.9	18.3	67.38	68.02	-0.648	33.41	31.73	26.551	471.6	0	
"2012-10-14	12:00:00"	12.43	36.16	12.36	18.89	10.37	38.16	15.16	17.1	70.08	71.11	-1.025	30.85	28.86	26.557	632.6	0	
"2012-10-14	13:00:00"	11.2	43	16.41	18.89	9.31	44.64	18.64	16.51	71.94	73.28	-1.336	28.86	26.67	26.557	741.61	0	
"2012-10-14	14:00:00"	11.78	56.78	19.11	20.68	9.8	58.17	20.11	18.3	74.03	75.32	-1.296	24.9	22.72	26.542	784.69	0	
"2012-10-14	15:00:00"	11.41	71.25	20.42	21.87	9.48	72.98	21.51	20.09	75.31	76.3	-0.984	23.26	21.19	26.517	742.85	0	
"2012-10-14	16:00:00"	9.95	76.67	23.65	19.49	8.31	78.46	27.26	18.3	75.86	76.63	-0.767	22.2	20.26	26.498	667.24	0	
"2012-10-14	17:00:00"	9.78	67.1	19.29	18.89	8.08	68.9	21.7	15.91	76.39	77.07	-0.682	21.93	20.03	26.487	516.98	0	
"2012-10-14	18:00:00"	7.85	79.28	27.61	17.1	6.47	80.3	28.71	14.12	75.94	76.48	-0.537	22.56	20.76	26.478	328.92	0	
"2012-10-14	19:00:00"	8.97	114.3	13.52	14.12	6.834	116.3	15.51	11.74	74.94	74.89	0.041	23.29	21.84	26.47	130.19	0	
"2012-10-14	20:00:00"	7.151	110.3	7.082	8.75	2.924	105.5	10.89	6.964	71.37	68.78	2.585	26.86	27.73	26.472	5.5422	0	
"2012-10-14	21:00:00"	7.69	117.9	7.151	9.35	1.094	102.7	11.88	3.982	68.15	63.84	4.307	30.43	33.34	26.487	0	0	
"2012-10-14	22:00:00"	7.988	112.1	4.107	8.75	1.39	84.2	7.173	5.175	66.08	62.09	3.994	33.11	35.8	26.504	0	0	
"2012-10-14	23:00:00"	8.38	112.7	4.16	9.95	3.807	87.2	7.452	5.175	64.39	59.79	4.605	35.03	39.16	26.522	0	0	
"2012-10-15	00:00:00"	8.84	138.9	13.21	13.52	5.297	135.1	20.1	9.95	62.8	60.92	1.879	37.62	38.83	26.528	0	0	
"2012-10-15	01:00:00"	9.03	142.1	7.415	12.93	6.362	141.9	8.14	10.54	62.03	61.36	0.678	39.62	39.13	26.518	0	0	
"2012-10-15	02:00:00"	8.63	139.9	6.653	11.74	5.907	139.6	7.363	8.75	61.43	60.55	0.88	40.62	40.41	26.516	0	0	
"2012-10-15	03:00:00"	7.837	166.7	34.05	13.52	5.483	167.8	37.66	11.14	60.16	59.36	0.8	43.08	42.73	26.51	0	0	
"2012-10-15	04:00:00"	4.788	188.3	11.7	6.964	2.935	192.4	14.33	5.175	58.23	57.38	0.85	46.96	46.93	26.503	0	0	
"2012-10-15	05:00:00"	3.894	181.1	10.09	6.368	1.228	185	15.35	3.982	58.12	57.05	1.073	47.82	48.3	26.488	0	0	
"2012-10-15	06:00:00"	4.308	182.9	10.1	6.964	1.326	183.9	13.34	5.175	58.08	56.9	1.176	48.25	49.3	26.489	0	0	
"2012-10-15	07:00:00"	4.234	210.3	14	6.964	1.784	218.1	17.41	5.175	57.3	56.52	0.782	49.23	49.34	26.497	0	0	
"2012-10-15	08:00:00"	3.794	244.4	25.54	6.368	1.565	256.1	34.55	4.578	56.66	55.09	1.575	50.59	52.32	26.498	0.36745	0	
"2012-10-15	09:00:00"	5.347	258.8	10.15	8.16	2.696	275.5	17.24	5.771	56	54.02	1.985	51.45	55.14	26.493	45.067	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-15	10:00:00"	3.776	250.9	19.47	6.964	3.007	256.9	20.73	5.771	57.99	58.22	-0.228	49.03	47.8	26.501	200.54	0
"2012-10-15	11:00:00"	7.572	208.4	14.65	13.52	6.113	210.3	16.89	11.74	64.2	64.72	-0.519	40.29	38.45	26.507	459.96	0
"2012-10-15	12:00:00"	11.93	197.6	14.29	18.3	9.83	199.4	17.64	16.51	68.38	69.4	-1.019	35.06	32.91	26.496	662.8	0
"2012-10-15	13:00:00"	11.09	196.8	14.53	17.7	9.41	196.9	16.78	15.91	70.59	71.99	-1.398	31.63	29.22	26.471	717.94	0
"2012-10-15	14:00:00"	10.4	192.2	18.73	20.09	9.08	192	21.93	15.91	72.25	73.64	-1.397	29.36	26.97	26.437	760.86	0
"2012-10-15	15:00:00"	9.29	187.7	15.96	19.49	8.08	188	19.7	16.51	72.45	73.65	-1.197	28.82	26.56	26.399	521.62	0
"2012-10-15	16:00:00"	10.87	198	19.23	20.09	8.79	198.2	21.57	17.1	74.63	75.71	-1.085	28.06	25.85	26.364	483.43	0
"2012-10-15	17:00:00"	12.07	194.9	14.93	20.09	9.8	195	16.69	17.7	74.71	75.66	-0.956	29.96	27.79	26.349	416.26	0
"2012-10-15	18:00:00"	12.71	194.6	11.9	19.49	9.96	195.9	14.07	17.7	74.34	74.82	-0.483	31.49	29.62	26.342	202.15	0
"2012-10-15	19:00:00"	9.34	196.3	10.93	15.91	7.411	197.5	12.14	13.52	72.98	72.98	-0.006	35.26	33.8	26.336	57.555	0
"2012-10-15	20:00:00"	4.897	181.4	9.43	9.35	4.084	181.6	12.16	8.16	70.73	70.29	0.447	38.25	37.39	26.332	2.3564	0
"2012-10-15	21:00:00"	5.735	163.9	8.62	14.72	5.836	160.6	9.53	11.74	69.55	68.97	0.585	40.58	39.81	26.326	0	0
"2012-10-15	22:00:00"	10.55	167.8	8.17	14.72	8.36	167.2	10.08	11.74	66.92	66.66	0.255	49.83	48.58	26.324	0	0
"2012-10-15	23:00:00"	10.9	170.2	7.426	16.51	8.5	170	10.03	13.52	65.06	64.91	0.153	55.88	54.65	26.319	0	0
"2012-10-16	00:00:00"	9.44	185.2	10.27	14.12	7.375	188	14.1	11.74	64.26	64.1	0.157	57.15	55.98	26.313	0	0
"2012-10-16	01:00:00"	7.307	187.7	8.55	10.54	5.655	191	12.52	9.95	62.81	62.59	0.22	59.95	59	26.303	0	0
"2012-10-16	02:00:00"	7.226	189.9	8.3	11.14	5.503	193.4	11.72	8.16	62.15	61.95	0.198	61.44	60.52	26.287	0	0
"2012-10-16	03:00:00"	8.74	194.6	7.388	12.33	6.739	198.5	10.44	9.95	61.82	61.66	0.162	62.76	61.76	26.272	0	0
"2012-10-16	04:00:00"	6.548	214.5	15.46	12.33	5.244	214	17.03	9.95	61.66	61.56	0.106	63.87	62.76	26.263	0	0
"2012-10-16	05:00:00"	6.991	219.5	12.9	11.14	5.763	219.5	14.11	9.35	60.61	60.56	0.055	66.64	65.48	26.249	0	0
"2012-10-16	06:00:00"	6.582	217.8	12.98	14.12	5.476	219	15.03	9.95	60.27	60.22	0.05	68.33	67.2	26.233	0	0
"2012-10-16	07:00:00"	6.504	227.7	12.35	11.14	5.493	230.2	15.46	9.95	59.76	59.67	0.085	69.82	68.79	26.23	0	0
"2012-10-16	08:00:00"	7.01	207.6	11.3	10.54	5.741	201.8	12.11	9.35	58.97	58.8	0.169	71.91	71.14	26.23	0.25807	0
"2012-10-16	09:00:00"	6.631	202.8	9.57	9.95	5.221	197.3	8.69	8.16	58.34	58	0.338	73.6	73.24	26.235	25.576	0
"2012-10-16	10:00:00"	6.776	217	14.26	12.93	5.685	215	14.91	11.74	61.02	61.15	-0.122	69.56	68.18	26.244	160.07	0
"2012-10-16	11:00:00"	11.9	226.1	14.17	20.09	9.95	227	16.5	18.89	68.35	68.82	-0.474	57.36	55.18	26.241	499.18	0
"2012-10-16	12:00:00"	11.76	240	18.8	18.89	9.77	243.8	21.88	17.1	73.79	74.63	-0.846	45.55	42.93	26.231	590.85	0
"2012-10-16	13:00:00"	10.98	234.9	17.71	18.3	9.32	237.8	21.05	18.3	77.03	78.15	-1.12	38.91	36.41	26.213	744.26	0
"2012-10-16	14:00:00"	12.45	267.6	17.25	20.09	9.59	271.7	19.44	17.7	81	82.8	-1.77	23.25	20.88	26.181	803.88	0
"2012-10-16	15:00:00"	12.84	232.5	30.88	23.07	10.57	234.6	34.34	18.89	81.8	83.4	-1.612	26.38	23.87	26.15	760.31	0
"2012-10-16	16:00:00"	13.65	216.3	16.89	23.66	11.39	215.8	20.02	18.89	82.2	83.2	-1.077	27.99	25.69	26.131	666.21	0
"2012-10-16	17:00:00"	13.34	224.7	17.5	24.26	11.07	224.8	21.56	21.28	83.2	84.1	-0.927	20.93	18.86	26.111	521.55	0
"2012-10-16	18:00:00"	15.32	233.7	16.02	24.26	12.56	236.8	18.85	22.47	83.5	84	-0.518	19.19	17.32	26.092	332.6	0
"2012-10-16	19:00:00"	12.89	221.7	14.36	23.07	10.49	221.4	17.11	18.89	82.2	82.2	0	19.77	18.11	26.089	106.05	0
"2012-10-16	20:00:00"	8.39	214.3	13.07	15.31	6.944	211.2	15.8	12.93	76.34	76.02	0.312	27.65	26.23	26.095	1.4728	0
"2012-10-16	21:00:00"	5.379	216.4	13.4	11.14	5.255	214.5	15.5	9.35	70.83	70.38	0.451	34	32.9	26.099	0	0
"2012-10-16	22:00:00"	5.775	230.9	16.55	13.52	5.422	229.4	20.18	10.54	67.06	66.48	0.582	36.25	35.49	26.106	0	0
"2012-10-16	23:00:00"	7.271	228	13.97	11.74	5.918	229.7	16.23	9.95	65.19	64.68	0.508	36.41	35.57	26.108	0	0
"2012-10-17	00:00:00"	6.676	227.6	13.11	10.54	4.995	226.3	14.62	8.16	62.94	62.35	0.591	39.46	38.78	26.111	0	0
"2012-10-17	01:00:00"	5.063	234.5	10.42	9.95	4.57	234.4	12.69	7.561	62.14	61.46	0.686	39.04	38.56	26.103	0	0
"2012-10-17	02:00:00"	5.504	224.2	13.37	9.35	4.449	220.8	16.56	6.964	60.81	60.02	0.785	39.28	38.94	26.092	0	0
"2012-10-17	03:00:00"	4.901	227.3	17.17	8.75	4.452	223.2	21.63	7.561	60.21	58.68	1.53	38.88	39.83	26.096	0	0
"2012-10-17	04:00:00"	7.252	205.8	10.58	9.95	5.503	203.7	11.03	8.16	57.65	56.29	1.358	42.64	43.54	26.094	0	0
"2012-10-17	05:00:00"	6.37	218.6	12.37	9.35	4.558	217.6	16.33	8.16	56.15	55.22	0.929	44.71	44.83	26.088	0	0
"2012-10-17	06:00:00"	6.441	224.5	11.39	9.35	4.534	221.4	12.99	6.964	56.66	55.13	1.536	42.39	43.82	26.086	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-17	07:00:00"	6.605	234.1	10.07	9.35	4.779	235.3	13.51	6.964	56.66	54.95	1.707	40.95	42.68	26.094	0
"2012-10-17	08:00:00"	6.606	226.6	12.51	9.95	4.733	226	15.67	8.16	56.3	55.09	1.216	39.53	40.35	26.108	0.74737
"2012-10-17	09:00:00"	5.88	223.1	14.53	9.35	4.405	224.9	18.25	7.561	56.63	56.08	0.543	37.66	37.4	26.127	79.481
"2012-10-17	10:00:00"	10.08	279.2	15.29	21.87	6.603	278.4	21.45	15.31	67.1	67.19	-0.09	26.02	25.27	26.139	275.6
"2012-10-17	11:00:00"	15.62	291.8	10.26	23.07	9.66	295.4	12.4	19.49	77.75	78.42	-0.669	16.87	15.36	26.157	472.62
"2012-10-17	12:00:00"	14.96	294.2	9.82	21.87	9.36	297.9	12.12	17.7	80.7	81.9	-1.207	15.38	13.64	26.169	634.89
"2012-10-17	13:00:00"	17.16	304.2	16.58	26.65	11.39	306.9	17.25	21.87	82.8	84.4	-1.643	15.56	13.55	26.161	742.91
"2012-10-17	14:00:00"	18.19	309.9	16.62	35	12.09	311	17.32	29.63	83.9	85.8	-1.869	17	14.78	26.147	784.69
"2012-10-17	15:00:00"	19.38	312.1	13.15	29.03	12.82	314.3	14.19	27.24	85.4	87.3	-1.933	15.26	13.06	26.123	751.29
"2012-10-17	16:00:00"	18.72	315.1	13.33	29.03	12.98	317.2	14.4	24.26	85.7	87.5	-1.757	14.88	12.74	26.115	664.17
"2012-10-17	17:00:00"	18.81	303.8	12.4	29.03	11.77	306.7	13.85	23.66	86.8	88.1	-1.307	13.33	11.36	26.108	514.43
"2012-10-17	18:00:00"	15.31	311.6	14.13	24.26	10.09	313.9	14.69	18.3	87.3	87.6	-0.284	12.04	10.37	26.105	320.17
"2012-10-17	19:00:00"	11.24	313.9	8.96	20.68	7.279	316.9	10.34	17.7	85.2	84.3	0.88	12.33	11.11	26.115	102.17
"2012-10-17	20:00:00"	8.36	316.8	6.314	11.14	4.236	324.2	6.185	6.964	78.94	74.22	4.715	14.99	16.15	26.131	2.1669
"2012-10-17	21:00:00"	1.685	253.3	20.15	8.16	2.026	250.6	29.26	5.175	75.11	72.28	2.826	18.18	18.53	26.159	0
"2012-10-17	22:00:00"	3.724	293.4	9.23	9.35	1.14	312.8	16.83	5.771	74.68	67.88	6.799	18.06	21.72	26.18	0
"2012-10-17	23:00:00"	8.64	309	9.43	11.74	4.893	326.8	10.65	7.561	74.27	65.99	8.28	19.57	23.98	26.196	0
"2012-10-18	00:00:00"	7.238	69.5	31.88	16.51	5.66	65.83	36.52	12.93	66.08	63.92	2.162	28.29	28.46	26.217	0
"2012-10-18	01:00:00"	9.37	63.16	7.26	14.12	5.975	59.57	10.6	12.93	62.68	60.67	2.018	37.11	37.39	26.231	0
"2012-10-18	02:00:00"	11.22	53.35	10.51	15.31	8.15	55.01	11.94	13.52	59.27	58.76	0.512	42.16	41.13	26.248	0
"2012-10-18	03:00:00"	11.79	49.89	14.44	19.49	8.78	51.08	17.02	15.31	56.6	56.1	0.495	44.55	43.65	26.27	0
"2012-10-18	04:00:00"	12.6	60.52	12.71	21.28	9.57	61.35	14.03	17.1	56.21	55.59	0.62	40.14	39.3	26.268	0
"2012-10-18	05:00:00"	12.35	59.39	7.961	20.68	8.88	61.76	10.25	15.31	53.1	52.56	0.536	39.47	38.63	26.267	0
"2012-10-18	06:00:00"	13.78	54.05	13.75	20.68	10.5	55.39	15.96	18.89	52.94	52.54	0.392	38.1	37.11	26.28	0
"2012-10-18	07:00:00"	12.05	57.91	19.17	23.07	8.92	58.94	21.04	18.89	51.44	51.15	0.29	37.45	36.47	26.304	0
"2012-10-18	08:00:00"	10.17	53.92	11.02	14.12	7.204	55.57	13.61	12.33	50.68	50.06	0.616	36.03	35.37	26.323	0.52631
"2012-10-18	09:00:00"	10.05	48.47	11.7	13.52	7.555	49.2	13.69	11.74	49.8	49.46	0.336	36.49	35.69	26.341	52.804
"2012-10-18	10:00:00"	10.53	63.67	15.89	17.1	8.51	65.45	16.6	13.52	52.67	53.02	-0.354	34.47	32.89	26.374	247.75
"2012-10-18	11:00:00"	11.01	93	13.19	15.91	9.16	93	15.56	13.52	57.9	58.31	-0.407	30.29	28.56	26.399	501.39
"2012-10-18	12:00:00"	10.18	109.1	21.82	17.7	8.4	110.6	24.38	14.72	60.62	61.35	-0.728	30.08	28.07	26.405	597.71
"2012-10-18	13:00:00"	10.58	133.1	15.71	17.1	8.87	133.9	16.48	14.72	63.83	64.69	-0.861	26.55	24.5	26.397	729.54
"2012-10-18	14:00:00"	8.96	160	20.93	16.51	7.87	160.6	22.96	15.31	65.85	66.96	-1.107	25.31	23.14	26.376	782.78
"2012-10-18	15:00:00"	5.118	166	36.11	13.52	5.063	163.8	44.29	11.74	67.39	68.36	-0.973	24.87	22.75	26.352	739.68
"2012-10-18	16:00:00"	2.738	213.3	86.7	9.95	4.09	214.5	87.2	9.95	70.2	71.22	-1.017	21.11	19.11	26.331	663.15
"2012-10-18	17:00:00"	2.223	284.8	82.1	10.54	3.894	276.4	84.8	11.14	71.66	72.53	-0.863	18.3	16.44	26.321	512.73
"2012-10-18	18:00:00"	1.567	6.696	73.69	8.16	3.483	355.4	79.45	9.35	72.76	73.52	-0.758	16.66	14.86	26.309	326.91
"2012-10-18	19:00:00"	3.983	115	31.35	12.33	4.029	117.6	34.58	10.54	72.38	72.17	0.218	18.83	17.37	26.306	123.62
"2012-10-18	20:00:00"	4.995	115.4	7.407	11.74	4.728	112.4	11.69	7.561	66.85	65.31	1.54	25.74	25.29	26.318	5.3371
"2012-10-18	21:00:00"	9.37	117	7.371	13.52	6.848	117	10.54	9.95	62.92	62.23	0.695	30.88	29.93	26.329	0
"2012-10-18	22:00:00"	7.613	126.2	9.4	11.74	6.283	126.8	10.65	9.35	59.92	59.16	0.759	33.84	33.12	26.34	0
"2012-10-18	23:00:00"	10.2	125.2	7.266	14.12	6.919	126.1	9.14	9.95	58.81	57.98	0.835	34.19	33.64	26.351	0
"2012-10-19	00:00:00"	9.79	129.1	7.865	14.72	6.919	130	8.85	12.33	56.97	56.29	0.676	36	35.3	26.358	0
"2012-10-19	01:00:00"	6.098	149.5	11.2	11.74	5.676	149.1	12.47	9.35	55.86	55.3	0.559	37.88	37.12	26.36	0
"2012-10-19	02:00:00"	8.17	149.7	9.77	15.91	7.838	148.6	10.33	12.33	55.43	55.03	0.402	39.21	38.27	26.352	0
"2012-10-19	03:00:00"	7.874	154.2	12.84	12.33	5.994	153.6	14.03	9.95	54.47	53.99	0.475	40.38	39.51	26.36	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-19	04:00:00"	2.78	210.3	29.13	7.561	2.21	223	50.01	5.175	52.23	51.39	0.846	44.39	44.05	26.356	0
"2012-10-19	05:00:00"	1.018	48.2	43.12	2.789	3.395	17.33	9.2	5.175	52.57	45.23	7.342	44.08	53.84	26.356	0
"2012-10-19	06:00:00"	5.247	73.15	17.36	10.54	4.439	50.17	16.58	8.75	51.17	46.22	4.946	46.27	52.84	26.355	0
"2012-10-19	07:00:00"	8.95	67.35	7.007	11.14	5.643	61.74	9.08	8.16	48.03	46.32	1.719	51.46	52.88	26.357	0
"2012-10-19	08:00:00"	9.75	63.13	8.31	12.33	6.447	61.3	9.45	9.35	46.91	45.43	1.475	53.17	54.31	26.362	0.63714
"2012-10-19	09:00:00"	8.61	66.79	7.36	11.74	6.073	65.14	9.85	8.75	46.7	46.14	0.564	53.38	53	26.372	69.244
"2012-10-19	10:00:00"	7.408	104.3	21.89	12.33	5.905	104.9	24.36	10.54	53.15	53.44	-0.284	45.03	43.14	26.396	244.07
"2012-10-19	11:00:00"	8.91	153.5	16.61	15.31	7.492	153.9	17.13	12.93	59.68	59.56	0.124	39.34	38.06	26.407	449.49
"2012-10-19	12:00:00"	8.89	169.7	15.43	14.12	7.439	169.3	17.81	11.74	63.79	63.77	0.021	37.99	36.53	26.396	617.18
"2012-10-19	13:00:00"	7.615	178.4	19.84	14.12	6.412	179.2	23.69	11.14	67.19	67.83	-0.647	35.73	33.78	26.38	726.95
"2012-10-19	14:00:00"	7.047	179.6	25.35	15.31	6.28	180.1	28.01	13.52	70.7	71.64	-0.935	33.34	31.13	26.355	769.99
"2012-10-19	15:00:00"	5.671	186.8	27.68	13.52	5.692	188.1	32.48	12.93	73.44	74.53	-1.088	30.46	28.2	26.319	729.78
"2012-10-19	16:00:00"	6.734	205.6	26.13	14.12	6.333	207.5	30.22	12.33	75.04	76.11	-1.075	28.16	25.93	26.29	654.55
"2012-10-19	17:00:00"	6.953	195.1	17.79	13.52	6.498	196.2	22.44	12.93	76.08	77.13	-1.053	26.71	24.5	26.27	507.6
"2012-10-19	18:00:00"	5.363	212.1	19.54	11.74	6.02	212.3	21.75	11.74	76.92	77.61	-0.688	24.85	22.88	26.259	321.15
"2012-10-19	19:00:00"	6.287	191.6	15.78	11.74	5.978	191.9	17.73	9.95	76.16	76.16	-0.002	25.76	24.23	26.251	118.44
"2012-10-19	20:00:00"	1.869	178.6	6.481	8.75	3.684	176.8	7.545	6.964	72.66	71.67	0.992	28.48	27.86	26.247	3.0114
"2012-10-19	21:00:00"	2.198	180.2	8.39	11.74	4.326	178.5	9.1	8.16	69.25	67.97	1.288	32.19	31.89	26.25	0
"2012-10-19	22:00:00"	8.01	183.5	9.41	14.12	5.99	184	13.39	10.54	66.69	65.54	1.152	35.65	35.36	26.253	0
"2012-10-19	23:00:00"	6.074	198.3	9.89	8.16	3.807	200.2	10.29	6.368	62.7	61.6	1.1	41.84	41.56	26.258	0
"2012-10-20	00:00:00"	8.26	188	13.23	14.12	5.998	190.2	15.33	11.14	60.88	60.03	0.855	45.22	44.73	26.252	0
"2012-10-20	01:00:00"	6.363	208.8	11.42	9.95	4.606	209.6	14.09	7.561	58.8	58.15	0.647	51.91	50.97	26.244	0
"2012-10-20	02:00:00"	6.551	209.4	12.09	9.95	5.298	204.4	13.83	7.561	58.56	58.11	0.457	56.38	55.53	26.235	0
"2012-10-20	03:00:00"	7.698	214.2	11.31	12.93	5.906	216.6	13.97	11.14	57.23	56.68	0.548	58.66	57.92	26.228	0
"2012-10-20	04:00:00"	7.97	218.1	11.63	11.14	6.416	220.4	11.48	10.54	55.18	54.72	0.461	65.53	64.91	26.221	0
"2012-10-20	05:00:00"	6.703	230.2	11.56	11.14	5.301	232.5	14.32	9.35	54.16	53.74	0.426	70.77	70.14	26.212	0
"2012-10-20	06:00:00"	7.19	245.5	13.44	12.33	5.222	250.8	17.99	9.95	54.71	53.89	0.814	72.05	71.84	26.207	0
"2012-10-20	07:00:00"	7.064	258.1	7.495	9.95	5.362	265.9	8.84	7.561	54.64	53.87	0.771	70.6	70.62	26.206	0
"2012-10-20	08:00:00"	7.84	255.9	7.649	9.95	5.582	262.4	9.73	8.75	55.28	54.26	1.028	65.84	66.21	26.205	0.57481
"2012-10-20	09:00:00"	7.478	259.3	7.675	10.54	5.341	263.9	10.09	8.75	55.48	54.66	0.823	59.43	60.03	26.219	77.581
"2012-10-20	10:00:00"	6.119	244.5	9.34	8.75	5.309	248	11.59	8.16	58.38	58.54	-0.158	52.53	51.28	26.234	273.71
"2012-10-20	11:00:00"	6.558	239.5	11	9.35	5.792	243.1	13.09	9.35	66.95	67.32	-0.374	35.7	34.09	26.234	472.07
"2012-10-20	12:00:00"	7.344	232.4	16	14.12	6.448	235.5	18.76	13.52	75.26	75.96	-0.704	27.26	25.5	26.226	615.06
"2012-10-20	13:00:00"	11.28	248.7	18.29	18.3	9.17	252.4	19.72	15.31	81.9	82.7	-0.802	17.47	15.64	26.214	527.99
"2012-10-20	14:00:00"	11.08	225.4	29.15	18.3	8.89	226.5	32.99	15.31	83	84.1	-1.098	20.44	18.35	26.192	594.16
"2012-10-20	15:00:00"	10.89	232.9	24.1	20.09	8.78	235.2	27.88	17.1	84.6	85.6	-1.028	18.79	16.77	26.167	567.28
"2012-10-20	16:00:00"	11.83	237.5	25.48	21.87	9.44	240.9	28.8	19.49	86	87.3	-1.314	17.38	15.26	26.146	657.69
"2012-10-20	17:00:00"	14.37	221.4	19.34	24.26	11.63	221.8	22.3	20.68	86.5	87.3	-0.825	17.25	15.22	26.137	437.93
"2012-10-20	18:00:00"	13.09	218.2	12.9	21.28	10.74	219.1	14.82	20.09	84.8	85	-0.199	20.02	18.2	26.137	178.87
"2012-10-20	19:00:00"	9.01	212.4	12.84	14.72	7.114	211.1	15.67	12.33	83.2	83.1	0.105	22.74	21.12	26.13	93.241
"2012-10-20	20:00:00"	8.15	207.3	15.45	12.33	6.378	206.3	16.04	10.54	79.08	78.59	0.494	26.94	25.66	26.139	1.9907
"2012-10-20	21:00:00"	6.238	204.2	16.84	11.14	4.519	197.8	16.86	8.75	75.09	74.09	0.996	29.47	28.76	26.151	0
"2012-10-20	22:00:00"	6.793	193.1	10.31	9.95	4.548	194.4	13.13	7.561	71.11	69.92	1.192	35.26	34.71	26.162	0
"2012-10-20	23:00:00"	6.299	201.6	9.49	9.35	4.423	200.9	9.71	6.964	69.6	68.57	1.028	40.61	39.91	26.178	0
"2012-10-21	00:00:00"	6.162	204.3	11.53	10.54	4.487	203.3	12.52	8.16	67.86	67.07	0.795	43.88	43.16	26.186	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-21	01:00:00"	7.366	192.9	13.23	14.12	5.311	196.5	15.59	9.95	65.97	65.29	0.684	53.32	52.52	26.183		0	0
"2012-10-21	02:00:00"	6.364	180.9	7.577	11.14	4.704	178.4	9.38	8.75	63.9	63.12	0.781	60.51	60.03	26.18		0	0
"2012-10-21	03:00:00"	6.759	184.5	8.49	11.74	4.874	185	12.22	8.75	62.17	61.53	0.638	67.37	66.88	26.184		0	0
"2012-10-21	04:00:00"	5.654	198.8	11.86	10.54	4.266	204.7	13.38	8.16	61.95	61.39	0.559	73.21	72.75	26.186		0	0
"2012-10-21	05:00:00"	6.03	212.4	12.56	9.95	4.643	213.6	14.59	8.16	61.7	61.19	0.503	74.35	73.77	26.189		0	0
"2012-10-21	06:00:00"	7.278	201.2	13.91	11.74	5.36	203.1	15.53	9.35	60.39	59.84	0.558	78.26	77.83	26.192		0	0
"2012-10-21	07:00:00"	5.413	212.6	12.41	8.16	4.238	212.6	14.63	7.561	59.34	58.89	0.456	80.7	80.1	26.201		0	0
"2012-10-21	08:00:00"	4.869	221.6	17.46	8.75	3.598	227.5	22.21	6.368	59.23	58.47	0.76	81.3	81.4	26.213	0.40183		0
"2012-10-21	09:00:00"	4.655	219.6	19.71	8.75	3.578	225.6	27.11	8.16	59.26	58.66	0.603	81.9	82.1	26.233	68.911		0
"2012-10-21	10:00:00"	2.705	225.7	18.84	8.75	4.262	227	20.15	6.964	63.07	63.31	-0.241	69.01	67.91	26.253	259.38		0
"2012-10-21	11:00:00"	7.18	266.6	12.99	14.12	6.106	271.3	14.68	12.33	70.93	71.8	-0.865	42.06	40	26.266	459.27		0
"2012-10-21	12:00:00"	13.3	264.7	14.13	23.07	10.43	269	15.87	21.87	80.3	81.3	-1.049	25	22.99	26.263	621		0
"2012-10-21	13:00:00"	16.1	256.2	13.47	24.86	12.84	260.9	16.52	25.45	82.1	83.4	-1.393	21.56	19.31	26.26	728.91		0
"2012-10-21	14:00:00"	15.71	261	15.3	26.05	12.43	265.9	17.37	23.66	82.8	84.4	-1.647	19.76	17.44	26.247	768.11		0
"2012-10-21	15:00:00"	16.1	265	14.37	27.24	12.56	270.4	15.84	23.66	84.4	86.1	-1.707	17.23	14.95	26.219	723.21		0
"2012-10-21	16:00:00"	14.5	264.4	15.26	26.05	11.27	268.7	17.19	20.68	85.9	87.4	-1.497	14.82	12.7	26.198	621.2		0
"2012-10-21	17:00:00"	14.6	242.2	19.25	24.26	11.8	245.5	22.01	22.47	86.7	87.5	-0.761	14.38	12.42	26.194	368.85		0
"2012-10-21	18:00:00"	14.68	221.8	13.14	26.05	11.92	220.7	14.22	23.07	84.7	84.9	-0.236	18.38	16.55	26.2	199.72		0
"2012-10-21	19:00:00"	8.6	226.9	17.5	16.51	6.961	228.3	21.45	13.52	82	81.8	0.194	20.55	18.96	26.199	46.534		0
"2012-10-21	20:00:00"	4.084	187.7	14.21	11.74	4.142	183	14.97	9.35	77.81	76.57	1.24	25.63	24.9	26.207	1.6803		0
"2012-10-21	21:00:00"	7.019	182.7	12.56	12.33	5.098	182.6	15.94	8.75	75.1	73.88	1.226	27.57	27.01	26.218	0		0
"2012-10-21	22:00:00"	5.778	190.1	13.23	9.35	4.457	191.2	16.28	8.75	71.34	70.33	1.006	30.3	29.65	26.233	0		0
"2012-10-21	23:00:00"	3.879	219	21.77	9.35	3.301	225.6	23.25	6.964	70.64	69.62	1.014	30.5	29.91	26.241	0		0
"2012-10-22	00:00:00"	3.797	199.4	17.85	9.95	3.827	199.7	20.51	7.561	68.54	67.47	1.07	32.65	32.16	26.258	0		0
"2012-10-22	01:00:00"	7.379	225.3	32.99	15.91	6.154	231.4	35.17	12.93	67.83	67.11	0.719	35.8	34.78	26.273	0		0
"2012-10-22	02:00:00"	13.1	266.8	12.28	23.07	9.68	272.1	13.69	20.09	73.24	72.93	0.311	31.22	29.89	26.284	0		0
"2012-10-22	03:00:00"	5.402	280.5	25.22	11.74	3.679	287	31.72	9.95	71	69.94	1.06	34.64	34.49	26.286	0		0
"2012-10-22	04:00:00"	2.035	10.24	32.03	6.964	2.519	26.28	38.83	7.561	69.2	67.36	1.838	37.18	38.03	26.263	0		0
"2012-10-22	05:00:00"	2.685	254.3	90	13.52	3.387	226.9	92.3	11.14	67.59	65.78	1.809	41.81	46.9	26.258	0.0001	0.13	
"2012-10-22	06:00:00"	2.19	57.2	92.8	9.95	2.804	76.41	87.2	8.16	65.58	61.1	4.478	48.73	66.66	26.248	0		0
"2012-10-22	07:00:00"	1.259	188.7	33.06	6.368	1.528	307.2	86.2	3.386	63.29	59.72	3.573	55.03	67.2	26.255	0		0
"2012-10-22	08:00:00"	3.905	178.6	24.31	9.95	2.985	181.8	30.63	6.964	60.77	58.97	1.793	63.11	70.04	26.269	0.18914		0
"2012-10-22	09:00:00"	3.949	179	30.9	8.75	3.484	183.8	35.83	6.964	60.6	59.67	0.929	60.88	63.55	26.281	62.442		0
"2012-10-22	10:00:00"	5.282	208	15.11	9.95	4.742	208.4	16.98	8.75	62.04	62.17	-0.124	66.43	66.35	26.301	261.65		0
"2012-10-22	11:00:00"	9.07	202.5	12.55	15.31	7.546	201.7	14.9	12.33	68.19	68.57	-0.378	53.43	52.67	26.313	446.59		0
"2012-10-22	12:00:00"	10.05	208.7	15.44	15.91	8.34	208.6	17.9	15.31	72.3	72.89	-0.588	43.18	41.76	26.319	589.06		0
"2012-10-22	13:00:00"	10.48	237.8	24.29	20.09	8.73	240.6	28.01	15.91	76.08	76.85	-0.77	34.56	32.99	26.309	698.57		0
"2012-10-22	14:00:00"	10.22	233.9	20.87	20.09	8.64	233.9	24.97	17.1	78.62	79.59	-0.973	30.92	29.06	26.283	740.92		0
"2012-10-22	15:00:00"	13.75	232.6	19.95	29.63	11.32	235.3	23.19	24.86	80.5	81.3	-0.726	28.16	26.26	26.253	707.63		0
"2012-10-22	16:00:00"	13.69	224.4	18.07	29.63	11.33	226.1	21.39	26.05	81.6	82.2	-0.55	26.33	24.44	26.233	616.72		0
"2012-10-22	17:00:00"	13.29	218.8	19.41	24.26	10.83	220	23.11	20.09	81.6	82.1	-0.436	26.66	24.82	26.226	469.39		0
"2012-10-22	18:00:00"	14.12	224.4	18.16	26.05	11.51	226.2	21.12	20.68	82.1	82.1	-0.003	20.95	19.28	26.229	302.07		0
"2012-10-22	19:00:00"	11.86	222.1	13.58	18.89	9.63	223.3	15.58	18.89	80.5	80.3	0.263	23.73	22.25	26.237	103.05		0
"2012-10-22	20:00:00"	8.58	199.5	23.78	14.12	6.779	198.1	25.05	11.14	76.28	75.67	0.612	30.73	29.62	26.249	2.0657		0
"2012-10-22	21:00:00"	6.837	180.8	10.49	12.93	6.489	182.5	14	10.54	72.28	71.53	0.749	42.26	41.54	26.263	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-22	22:00:00"	5.417	199	16.38	10.54	4.674	201.1	17.62	7.561	67.67	67.02	0.648	50.86	50.22	26.277	0	0
"2012-10-22	23:00:00"	5.288	192	19.63	9.35	4.309	186.1	21.34	7.561	65.84	65.11	0.722	55.26	54.88	26.286	0	0
"2012-10-23	00:00:00"	6.658	197.4	11.72	10.54	4.82	198.6	12.67	8.16	64.85	64.16	0.689	58.64	58.26	26.294	0	0
"2012-10-23	01:00:00"	6.065	216.7	14.5	9.95	4.715	215.7	17.07	8.75	64.63	64.14	0.493	60.91	60.25	26.289	0	0
"2012-10-23	02:00:00"	6.69	208.7	13.59	10.54	5.075	206.5	16.86	9.35	63.96	63.43	0.532	66.58	65.93	26.27	0	0
"2012-10-23	03:00:00"	6.433	189.1	8.52	9.95	4.793	191.3	12.17	7.561	63.18	62.49	0.694	75.73	75.39	26.256	0	0
"2012-10-23	04:00:00"	7.685	182.1	9.57	11.74	5.703	182.9	14.01	9.35	63.47	62.78	0.684	82.2	82.1	26.247	0	0
"2012-10-23	05:00:00"	4.993	198.8	18.3	9.35	3.562	201.5	22.99	5.771	61.65	61	0.648	85.5	85.4	26.24	0	0
"2012-10-23	06:00:00"	2.913	209.5	19.26	6.368	1.424	204.6	34.59	3.982	61.42	60.13	1.288	88.3	88.2	26.245	0.46732	0
"2012-10-23	07:00:00"	2.799	193.2	15.14	5.771	1.881	195.1	34.19	3.982	60.13	58.7	1.426	90	90.1	26.255	1.1522	0
"2012-10-23	08:00:00"	4.254	184.2	13.06	8.75	3.308	186.3	16.45	7.561	57.58	57.28	0.307	90.7	90.9	26.271	1.6791	0
"2012-10-23	09:00:00"	6.916	187.1	10.98	11.14	5.136	191.8	13.59	8.16	56.73	56.49	0.247	90.9	91.2	26.286	40.953	0
"2012-10-23	10:00:00"	6.354	202.9	15.47	10.54	5.088	205.3	17.11	8.75	57.95	58.12	-0.169	91.4	91.7	26.303	142.97	0
"2012-10-23	11:00:00"	6.479	213.2	15.15	9.95	5.59	215	19.3	9.35	60.97	61.33	-0.356	91.8	90.7	26.314	388.36	0
"2012-10-23	12:00:00"	7.135	201.3	16	12.93	6.376	202.7	19.68	12.33	70.18	71.21	-1.035	61.19	56.66	26.31	606.19	0
"2012-10-23	13:00:00"	7.088	210.6	16.67	12.93	6.488	210.5	20.78	11.74	76.94	78.05	-1.109	33.79	31.55	26.301	718.2	0
"2012-10-23	14:00:00"	9.1	196.9	17.82	16.51	7.723	198.1	20.39	15.91	80.6	81.6	-0.978	27.93	25.78	26.282	766.09	0
"2012-10-23	15:00:00"	8.95	196.6	20.02	16.51	7.447	196.9	23.03	14.12	83	83.7	-0.715	22.68	20.67	26.257	720.49	0
"2012-10-23	16:00:00"	7.896	212	25.94	15.31	6.322	214	29.61	14.12	84.4	85.1	-0.727	17.9	16	26.236	642.07	0
"2012-10-23	17:00:00"	10.85	195.5	18.15	20.68	8.52	196.8	21.05	15.31	85	85.5	-0.504	20.15	18.22	26.226	493.48	0
"2012-10-23	18:00:00"	12.54	180.6	11.51	19.49	9.72	180.8	15.46	15.91	84.6	84.4	0.262	20.29	18.63	26.224	305.7	0
"2012-10-23	19:00:00"	11.6	174.6	7.379	17.7	8.94	173.5	10.28	14.72	83.3	82.7	0.598	22.67	21.28	26.22	102.3	0
"2012-10-23	20:00:00"	8.35	156.5	9.08	12.93	6.249	154.2	9.46	10.54	78.31	77.44	0.87	27.84	26.84	26.234	1.8633	0
"2012-10-23	21:00:00"	10.5	159	9.1	15.31	8.14	158.2	9.55	12.93	75.5	74.67	0.834	31.03	30.18	26.243	0	0
"2012-10-23	22:00:00"	11.13	160.4	8.59	18.3	8.58	158.5	9.64	13.52	73.57	72.52	1.048	31.77	31.19	26.252	0	0
"2012-10-23	23:00:00"	15.47	170.4	7.518	22.47	11.86	170.1	9.71	18.3	71.99	70.4	1.592	47.06	47.72	26.263	0	0
"2012-10-24	00:00:00"	15.87	173.7	6.43	21.28	12.36	173	8.78	17.7	71.67	69.99	1.677	65.8	67.68	26.266	0	0
"2012-10-24	01:00:00"	16.1	174.8	6.396	23.07	12.67	173.6	9.13	18.89	70.75	68.97	1.775	72.77	75.2	26.257	0	0
"2012-10-24	02:00:00"	14.76	177.1	6.984	20.09	11.68	176.8	9.49	17.1	69.4	67.98	1.415	76.69	78.26	26.254	0	0
"2012-10-24	03:00:00"	14.33	175.9	7.246	20.68	11.41	176.2	9.8	17.1	68.19	67.19	1.004	79.46	80.4	26.248	0	0
"2012-10-24	04:00:00"	12.27	178.7	7.614	18.89	9.72	178.4	9.86	15.91	66.09	65.57	0.521	83.3	83.5	26.243	0	0
"2012-10-24	05:00:00"	9.29	188	8.42	13.52	7.136	192.4	12.91	12.33	64.03	63.69	0.332	86.6	86.6	26.235	0	0
"2012-10-24	06:00:00"	8.65	186.4	8.93	15.91	6.471	189.7	12.85	12.93	63.2	62.92	0.279	88.3	88	26.232	0	0
"2012-10-24	07:00:00"	8.58	178.6	8.11	15.31	6.41	178.7	10.3	12.93	62.9	62.63	0.268	89	88.6	26.242	0	0
"2012-10-24	08:00:00"	10.18	182.8	8.25	15.31	7.981	183.7	11.4	12.93	63.17	62.89	0.281	88.8	88.2	26.247	0.96994	0
"2012-10-24	09:00:00"	11.36	178.7	7.802	15.91	8.85	178.4	10.11	13.52	62.94	62.79	0.153	89.1	88.6	26.246	26.098	0
"2012-10-24	10:00:00"	11.14	181.6	7.704	17.1	8.96	181.8	10.53	14.12	63.41	63.42	-0.011	89.5	88.7	26.255	89.67	0
"2012-10-24	11:00:00"	11.76	183.4	8.66	17.1	9.51	184.7	12.69	15.31	64.76	64.9	-0.146	88.5	86.6	26.265	164.68	0
"2012-10-24	12:00:00"	13.25	180	8.42	18.89	10.59	179.9	12.5	15.91	67.74	68.11	-0.373	82	78.91	26.253	313.32	0
"2012-10-24	13:00:00"	15.03	180.5	10.44	21.28	12.08	179.8	13.96	18.3	73.66	74.55	-0.886	64.9	61.69	26.231	592.91	0
"2012-10-24	14:00:00"	14.46	188.6	14.23	22.47	11.64	188.3	16.98	20.68	79.02	79.48	-0.451	52.79	50.04	26.206	679.1	0
"2012-10-24	15:00:00"	14.52	195.1	13.22	24.26	11.75	195.7	15.34	20.09	83.5	82.9	0.604	42.78	41.22	26.176	667.25	0
"2012-10-24	16:00:00"	14.13	205.2	16.36	23.66	11.28	204.2	18.36	20.09	85.1	84.8	0.297	36.8	35.08	26.151	482.26	0
"2012-10-24	17:00:00"	14.93	198.2	15.69	24.86	11.9	198.3	17.38	22.47	90	86	4.037	30.67	31.99	26.132	354.75	0
"2012-10-24	18:00:00"	15.32	185	11.12	21.87	12.27	185.1	14.08	18.3	90.1	85.8	4.32	30.85	32.68	26.118	207.71	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-24	19:00:00"	15.28	178.4	9.79	21.87	12.14	178.1	12.72	18.89	88.1	83.4	4.708	37.28	41.05	26.122	48.434	0
"2012-10-24	20:00:00"	15.53	177.3	7.132	21.87	12.32	176.6	9.48	17.7	84	79.36	4.631	44.78	50.1	26.132	2.2374	0
"2012-10-24	21:00:00"	15.01	178.8	7.331	24.26	11.98	178.3	10.01	18.89	80.1	75.49	4.597	50.5	56.7	26.151	0	0
"2012-10-24	22:00:00"	16.07	174.8	7.167	22.47	12.6	174.1	9.87	19.49	76.7	72.27	4.434	58.78	66.07	26.156	0	0
"2012-10-24	23:00:00"	17.73	179.1	7.091	25.45	14.06	178.4	9.87	23.07	73.84	69.75	4.093	66.38	74.24	26.157	0	0
"2012-10-25	00:00:00"	13.65	181.4	10.57	24.86	10.85	180.5	13.2	18.89	71.69	67.15	4.547	70.9	80	26.167	0	0
"2012-10-25	01:00:00"	11.47	186.6	9.36	20.09	9.16	188.3	12.65	17.1	69.92	65.16	4.764	74	83.9	26.16	0	0
"2012-10-25	02:00:00"	7.463	203.8	14.61	13.52	6.123	205.1	15.83	11.74	68.48	63.27	5.21	76.52	87.1	26.158	0	0
"2012-10-25	03:00:00"	5.989	209	15.46	11.14	4.837	208.1	17.46	10.54	67.87	62.32	5.554	78.37	88.9	26.167	0.14038	0
"2012-10-25	04:00:00"	6.551	218.8	19.4	11.14	5.233	218.9	24.68	8.16	66.5	60.8	5.703	79.77	90.6	26.164	0.69013	0
"2012-10-25	05:00:00"	8.59	190.5	12.83	15.91	6.681	192.3	16.02	12.93	65.71	60.61	5.099	81.1	91.4	26.153	0.9752	0
"2012-10-25	06:00:00"	6.74	205	21.24	10.54	5.319	207.5	23.45	9.35	65.14	59.87	5.264	80.9	91.5	26.163	1.054	0.01
"2012-10-25	07:00:00"	2.208	194.1	79.56	10.54	2.663	237.8	90.2	8.16	62.72	57.61	5.112	81.4	91.2	26.191	1.2393	0
"2012-10-25	08:00:00"	6.031	343.7	44.07	18.3	4.579	351.8	34.93	15.31	60.24	54.28	5.957	80	88.6	26.235	1.1065	0
"2012-10-25	09:00:00"	13.52	6.347	8.64	27.84	9.28	4.182	12.84	24.86	58.24	53.45	4.793	52.03	62.23	26.263	63.599	0
"2012-10-25	10:00:00"	22.58	24.11	7.729	35	17.99	25.42	12.63	29.03	55.66	54.54	1.117	61.12	62.72	26.309	246.11	0
"2012-10-25	11:00:00"	23.82	32.99	9.02	35	19.41	34.75	11.54	32.01	57.16	57.03	0.126	64.03	62.14	26.349	430.27	0
"2012-10-25	12:00:00"	23.82	34.2	9.44	33.21	19.39	35.59	12.27	29.03	59.1	59.46	-0.358	58.43	55.53	26.374	583.8	0
"2012-10-25	13:00:00"	20.14	37.36	10.58	29.63	16.45	39.26	12.71	26.65	61.5	61.5	-0.003	52.23	49.51	26.388	688.06	0
"2012-10-25	14:00:00"	18.91	28.87	11.29	27.24	15.4	29.33	15.49	24.26	61.49	61.82	-0.329	47.67	44.58	26.383	732	0
"2012-10-25	15:00:00"	17.07	29.91	11.17	25.45	13.98	30.81	14.6	21.28	64.13	64.06	0.074	39.92	37.41	26.362	694.43	0
"2012-10-25	16:00:00"	14.42	41.48	13.61	23.07	11.94	43.03	16.23	19.49	67.49	65.95	1.546	33.14	32	26.346	618.72	0
"2012-10-25	17:00:00"	13.37	47.16	14.5	21.28	11.13	49.44	16.54	20.09	68.87	66.53	2.342	30.07	29.47	26.347	468.39	0
"2012-10-25	18:00:00"	12.76	49.16	14.27	18.89	10.44	51.27	16.25	17.1	68.72	65.77	2.95	29.77	29.61	26.355	283.96	0
"2012-10-25	19:00:00"	12.1	46.77	11.73	18.3	9.65	48.31	13.42	16.51	67.14	63.36	3.783	31.61	32.24	26.371	89.6	0
"2012-10-25	20:00:00"	11.02	48.37	8.4	15.31	8.47	50.36	9.55	12.33	63.47	59.12	4.347	34.48	35.88	26.39	1.3594	0
"2012-10-25	21:00:00"	9.46	53.62	7.945	14.12	6.85	55.84	9.51	11.14	59.43	54.82	4.61	38.28	40.75	26.408	0	0
"2012-10-25	22:00:00"	11.66	62.66	9.47	18.3	8.89	65.08	11.09	14.72	56.15	52.42	3.73	41.83	43.61	26.419	0	0
"2012-10-25	23:00:00"	13.01	65.24	8.28	18.3	10.01	67.55	9.87	16.51	53.77	50.47	3.297	43.69	45.19	26.435	0	0
"2012-10-26	00:00:00"	13.23	64.12	7.769	21.87	10.21	66.5	9.97	17.1	51.09	47.89	3.197	47.52	49.24	26.459	0	0
"2012-10-26	01:00:00"	13.28	60.4	8.67	19.49	10.23	63.63	10.21	16.51	48.86	46.02	2.834	50.94	52.37	26.475	0	0
"2012-10-26	02:00:00"	12.55	56.82	8.94	19.49	9.51	59.96	11.12	15.91	47	43.88	3.119	53.72	55.85	26.479	0	0
"2012-10-26	03:00:00"	15.32	50.79	8.34	21.87	11.86	53.29	10.26	19.49	45.17	42.79	2.376	55.49	56.64	26.49	0	0
"2012-10-26	04:00:00"	13.67	49.69	8.27	20.68	10.77	52.07	9.93	17.7	44.24	41.53	2.703	57.24	58.92	26.505	0	0
"2012-10-26	05:00:00"	11.98	40.05	9.02	17.1	9.63	41.41	10.73	14.72	43.56	40.18	3.38	59.11	61.78	26.514	0	0
"2012-10-26	06:00:00"	11.04	37.03	7.87	17.1	8.93	38	9.77	13.52	42.45	38.89	3.557	61.54	64.5	26.522	0	0
"2012-10-26	07:00:00"	8.66	26.03	8.12	12.33	6.751	24.95	12.59	12.33	40.74	36.74	4.002	63.71	68.29	26.541	0	0
"2012-10-26	08:00:00"	10.41	22.68	6.312	14.72	8.04	22.81	10.74	12.33	38.28	35.46	2.821	68.48	71.45	26.56	0.25531	0
"2012-10-26	09:00:00"	11.33	28.63	7.16	15.91	9.22	29.46	10.51	14.72	39.03	36.33	2.697	68.46	69.83	26.576	55.87	0
"2012-10-26	10:00:00"	17.08	33.14	9.59	25.45	13.89	34.71	12.26	23.66	40.97	39.82	1.148	62.74	61.65	26.613	236.97	0
"2012-10-26	11:00:00"	17.82	31.77	9.7	25.45	14.52	32.99	13.1	24.26	43.42	43.21	0.212	55.82	53.28	26.643	423.13	0
"2012-10-26	12:00:00"	14.99	39.13	11.98	23.07	12.49	41.29	14.47	20.09	46.55	46.01	0.542	48.26	45.94	26.649	579.26	0
"2012-10-26	13:00:00"	12.13	30.1	15.89	18.3	10.15	30.67	20.21	18.3	50.32	48.83	1.492	41.49	40.46	26.643	685.74	0
"2012-10-26	14:00:00"	12.43	35.87	14.35	21.28	10.51	37.64	17.5	18.89	53.28	51.49	1.791	37.12	36.42	26.62	726.96	0
"2012-10-26	15:00:00"	13.14	27.18	16.11	21.28	10.9	27.47	21.31	19.49	55.42	54	1.423	33.84	32.82	26.591	687.84	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-26	16:00:00"	13.37	28.39	16.15	21.87	11.15	28.71	20.34	20.09	56.42	54.95	1.467	31.95	30.93	26.577	610.6	0	
"2012-10-26	17:00:00"	13.06	43.91	16.8	20.68	10.9	45.56	19.31	18.3	56.85	54.85	2.005	30.39	29.58	26.567	466.38	0	
"2012-10-26	18:00:00"	13.46	48.77	15.78	25.45	10.93	50.77	17.21	23.07	56.89	54.44	2.454	28.66	28.09	26.562	283.64	0	
"2012-10-26	19:00:00"	12.9	48.58	11.11	19.49	10.17	50.67	12.96	17.1	55.91	52.69	3.22	26.99	26.96	26.568	90.521	0	
"2012-10-26	20:00:00"	8.41	56.88	8.05	14.72	6.005	59.36	9.81	12.93	53.57	48.67	4.898	28.05	29.51	26.583	1.3273	0	
"2012-10-26	21:00:00"	7.253	58.08	5.629	9.95	4.564	58.24	8.92	6.368	49.43	44.18	5.244	31.52	33.89	26.599	0	0	
"2012-10-26	22:00:00"	8.09	57.06	5.846	11.14	4.964	57.54	8.66	8.16	46.2	41.57	4.63	34.31	36.44	26.612	0	0	
"2012-10-26	23:00:00"	7.647	59.69	6.424	9.95	4.793	59.44	8.78	7.561	43.98	38.8	5.183	36.48	39.36	26.624	0	0	
"2012-10-27	00:00:00"	7.271	62.06	6.314	9.95	4.584	62.15	9.14	6.368	42.6	37.26	5.337	37.15	40.19	26.63	0	0	
"2012-10-27	01:00:00"	7.8	59.31	6.361	9.35	4.962	59.23	9.45	6.964	41.2	37.12	4.074	37.71	39.28	26.626	0	0	
"2012-10-27	02:00:00"	6.875	64.64	6.622	9.95	5.245	64.28	9.4	7.561	40.92	35.4	5.517	37.49	40.97	26.608	0	0	
"2012-10-27	03:00:00"	8.17	58.8	6.249	9.95	5.45	60.9	9.18	7.561	38.69	34.73	3.966	39.55	41.77	26.595	0	0	
"2012-10-27	04:00:00"	7.69	72.31	6.26	9.35	5.053	70.37	8.96	6.964	38.61	32.74	5.868	40.17	45.02	26.585	0	0	
"2012-10-27	05:00:00"	7.304	67.09	6.93	9.95	5.069	65.41	9.44	8.16	37.84	32.63	5.219	42.04	45.62	26.574	0	0	
"2012-10-27	06:00:00"	5.683	78.42	9.26	8.75	4.824	77.61	10.15	8.16	40.19	34.74	5.445	39.97	43.89	26.567	0	0	
"2012-10-27	07:00:00"	5.331	81.5	5.623	6.964	3.857	74.39	10.44	5.771	39	33.6	5.398	42.06	46.75	26.567	0	0	
"2012-10-27	08:00:00"	5.841	71.06	6.698	7.561	3.928	61.9	9.29	5.771	36.86	32.05	4.807	45.39	48.67	26.567	0.25382	0	
"2012-10-27	09:00:00"	4.24	88.5	10.01	7.561	4.096	79.61	16.03	6.368	37.25	32.08	5.171	45.52	48.98	26.571	56.088	0	
"2012-10-27	10:00:00"	8.56	116.8	11.15	12.93	7.136	119.2	13.36	11.74	42.08	37.69	4.395	41.69	45	26.59	239.49	0	
"2012-10-27	11:00:00"	9.43	136	14.2	15.31	7.933	137	14.99	12.93	45.29	41.71	3.583	36.91	38.52	26.593	428.24	0	
"2012-10-27	12:00:00"	9.18	156.4	17.23	17.1	7.779	156.2	16.88	15.31	50	44.88	5.119	28.38	30.45	26.58	583.29	0	
"2012-10-27	13:00:00"	9.41	169.2	20.42	18.89	7.811	169.7	23.57	17.1	53.36	47.95	5.411	22.25	24.27	26.557	693.69	0	
"2012-10-27	14:00:00"	8.9	181	25.82	16.51	7.291	180.5	29.88	14.72	56.31	50.5	5.817	20.89	23.18	26.517	729.38	0	
"2012-10-27	15:00:00"	10.44	181.4	23.65	19.49	8.58	180.3	25.67	16.51	58.31	53.06	5.248	20.16	21.9	26.473	681.05	0	
"2012-10-27	16:00:00"	11.14	183.8	16.01	18.89	9.16	183.8	19.59	16.51	59.38	54.12	5.257	18.98	20.69	26.444	611.25	0	
"2012-10-27	17:00:00"	10.29	178.3	15.03	17.7	8.44	178	19	15.91	60.04	55.03	5.008	18.85	20.31	26.427	470.32	0	
"2012-10-27	18:00:00"	9.52	186.4	16.78	17.7	7.773	187.5	19.95	15.31	60.41	55.29	5.123	19.26	20.66	26.418	286.15	0	
"2012-10-27	19:00:00"	8.77	178.3	8.73	13.52	7.083	177.3	11.75	11.74	59.87	53.85	6.027	19.21	21.38	26.419	90.821	0	
"2012-10-27	20:00:00"	6.887	181.2	8.11	11.74	5.608	180	10.23	9.95	56.43	50.7	5.729	20.48	22.68	26.428	1.1578	0	
"2012-10-27	21:00:00"	8.62	167.1	11.92	12.93	6.743	162.8	13.11	10.54	53.24	47.49	5.749	22.45	25.18	26.441	0	0	
"2012-10-27	22:00:00"	7.788	157	9.33	12.93	6.271	153.6	9.6	9.95	51	45.07	5.926	25.49	28.62	26.457	0	0	
"2012-10-27	23:00:00"	8.51	155.4	10.22	13.52	6.684	154	10.63	10.54	49.23	43.52	5.705	28.14	31.54	26.469	0	0	
"2012-10-28	00:00:00"	8.64	151.1	8.32	12.33	6.775	149	7.993	9.95	48.19	42.6	5.584	28.43	31.5	26.475	0	0	
"2012-10-28	01:00:00"	9.34	134.7	9.33	12.93	6.55	134.2	10.44	9.95	45.91	41.12	4.794	30.48	33.43	26.485	0	0	
"2012-10-28	02:00:00"	9.47	134.9	11.75	14.12	6.865	133.7	13.35	11.14	44.27	39.96	4.308	34.03	36.81	26.485	0	0	
"2012-10-28	03:00:00"	3.986	110.3	12.37	8.75	3.062	88.4	19.63	6.964	42.98	35.76	7.217	36.86	43.63	26.482	0	0	
"2012-10-28	04:00:00"	7.936	91.4	9.93	9.95	4.87	71.73	8.23	6.368	41.34	34.67	6.677	41.89	47.05	26.482	0	0	
"2012-10-28	05:00:00"	7.667	74.52	8.05	9.95	5.021	65.09	9.12	6.964	39.85	34.1	5.749	45.59	49.69	26.477	0	0	
"2012-10-28	06:00:00"	8.53	94.7	12.39	10.54	4.785	77.92	9.78	6.964	39.49	32.99	6.505	47.88	52.34	26.472	0	0	
"2012-10-28	07:00:00"	7.459	109.4	6.239	9.95	3.936	87	10.34	5.771	41.13	33.92	7.212	45.97	52.62	26.484	0	0	
"2012-10-28	08:00:00"	7.729	106.9	6.937	10.54	4.341	87.5	12.69	6.368	41.58	34.18	7.395	45.26	52.91	26.494	0.24044	0	
"2012-10-28	09:00:00"	8.02	108.8	8.04	12.93	5.274	100.6	13.36	11.14	42.11	35.58	6.525	45.05	52.04	26.509	53.577	0	
"2012-10-28	10:00:00"	10.81	127.7	9.29	14.72	8.65	129.3	10.46	12.33	46.16	43.11	3.046	39.06	40.33	26.528	235.99	0	
"2012-10-28	11:00:00"	9.75	150.9	14.33	14.72	8.3	150.7	14.3	12.93	52.26	48.24	4.022	32.16	33.49	26.538	424.02	0	
"2012-10-28	12:00:00"	9.92	166.4	16.32	15.31	8.34	166.2	18.97	14.72	57.38	52.51	4.877	26.44	28.6	26.528	580.28	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-28	13:00:00"	8.98	173.1	16.47	16.51	7.477	172.8	20.41	14.12	61.23	55.82	5.404	25.2	27.56	26.516	686.52	0	
"2012-10-28	14:00:00"	10	171.9	21	16.51	8.35	171.6	23.55	14.72	64.38	59.03	5.347	24.27	26.45	26.495	729.4	0	
"2012-10-28	15:00:00"	7.179	175.2	26.95	15.91	6.351	174.5	28.65	15.91	67.29	61.11	6.181	23.6	26.04	26.469	696.71	0	
"2012-10-28	16:00:00"	7.936	169.1	23.66	13.52	6.901	167.6	26.22	12.33	69.39	62.97	6.421	22.71	25.32	26.443	628.95	0	
"2012-10-28	17:00:00"	9.51	165.2	21.84	17.7	7.997	164.9	24.7	14.12	69.4	64.07	5.329	22.63	24.43	26.426	450.3	0	
"2012-10-28	18:00:00"	10.29	165.5	12.79	15.91	8.51	164.2	14.49	12.93	67.78	62.81	4.968	23.87	25.72	26.419	129.94	0	
"2012-10-28	19:00:00"	9.11	148.3	10.07	14.12	7.47	147.3	10.06	11.74	65.28	61.05	4.232	26.79	28.12	26.422	43.134	0	
"2012-10-28	20:00:00"	7.849	133.8	7.986	10.54	5.059	131.5	10.22	8.16	61.85	56.4	5.459	29.83	32.43	26.428	1.2353	0	
"2012-10-28	21:00:00"	9.09	126.1	8.85	12.33	5.745	124	11.55	9.35	58.92	52.99	5.932	33.03	36.72	26.435	0	0	
"2012-10-28	22:00:00"	9.33	117.6	11.12	14.12	5.878	113	15.58	10.54	57.25	50.96	6.288	35.6	40.09	26.443	0	0	
"2012-10-28	23:00:00"	10	139.3	9.2	13.52	7.453	138.6	9.82	10.54	55.71	51.91	3.805	38.36	40.8	26.46	0	0	
"2012-10-29	00:00:00"	9	152.5	8.09	13.52	7.12	150	8.1	11.14	55.99	50.94	5.046	38.45	42.59	26.463	0	0	
"2012-10-29	01:00:00"	7.652	149.4	9.59	12.33	5.561	142.3	12.29	10.54	54.69	49.2	5.496	40.4	46.04	26.461	0	0	
"2012-10-29	02:00:00"	6.691	90.8	22.07	8.75	4.262	75.06	20.99	5.771	50.63	43.66	6.963	46.94	54.23	26.461	0	0	
"2012-10-29	03:00:00"	7.62	89	7.947	9.35	4.631	74.63	10.6	6.368	47.06	40.43	6.626	53.5	61.17	26.45	0	0	
"2012-10-29	04:00:00"	8.17	91.2	6.036	9.95	4.711	76.98	8.5	6.368	45.39	39.55	5.843	56.36	62.52	26.448	0	0	
"2012-10-29	05:00:00"	8.32	79.7	9.94	9.95	5.107	67.17	11.46	6.964	44.68	39.52	5.158	55.18	60.38	26.448	0	0	
"2012-10-29	06:00:00"	7.636	63.84	7.605	9.35	5.312	59.33	8.36	7.561	43.64	38.72	4.929	56.15	60.96	26.453	0	0	
"2012-10-29	07:00:00"	7.403	82.6	9.7	8.75	5.02	69.72	8.6	6.964	42.62	37.14	5.483	57.51	62.7	26.447	0	0	
"2012-10-29	08:00:00"	7.007	76.21	7.37	9.35	4.809	60.3	9.53	6.964	43.14	37.12	6.022	57.31	63.15	26.452	0.19448	0	
"2012-10-29	09:00:00"	6.209	74.3	10.13	9.35	4.984	64.97	10.96	6.964	42.66	37.12	5.536	59.14	63.95	26.47	51.814	0	
"2012-10-29	10:00:00"	5.627	129.2	21.55	10.54	5.966	129.4	22.86	9.95	48.69	44.52	4.174	51.77	54.35	26.494	232.57	0	
"2012-10-29	11:00:00"	7	168.2	13.25	11.14	6.525	167.6	15.46	9.95	56.09	50.89	5.203	41.07	45.16	26.501	420.14	0	
"2012-10-29	12:00:00"	6.176	177.9	12.64	10.54	5.846	177.1	15.69	9.95	61.88	56.23	5.649	35.1	38.81	26.496	577.19	0	
"2012-10-29	13:00:00"	5.563	174.8	19.45	11.14	5.477	173.8	23.86	10.54	67.76	62.21	5.55	30.96	33.6	26.488	683.78	0	
"2012-10-29	14:00:00"	4.09	197.1	26.91	11.74	4.896	195.3	30.3	10.54	73.32	67.45	5.861	26.96	29.13	26.463	726.17	0	
"2012-10-29	15:00:00"	5.932	204.4	20.79	13.52	6.379	205.8	23.53	11.74	76.79	70.49	6.305	23.42	25.61	26.429	685.77	0	
"2012-10-29	16:00:00"	5.768	208.7	27.98	12.93	6.598	210.9	31.99	12.33	79.16	73.07	6.084	19.68	21.08	26.402	607.29	0	
"2012-10-29	17:00:00"	5.088	203.9	18.99	12.93	6.204	203.8	22.2	11.74	80.1	74.21	5.939	18.42	19.53	26.385	459.7	0	
"2012-10-29	18:00:00"	7.883	196.2	15.74	13.52	6.672	196.9	18.2	11.74	80.1	74.64	5.426	16.7	17.35	26.368	278.02	0	
"2012-10-29	19:00:00"	8.34	190.3	9.68	15.31	7.153	191.8	12.57	12.93	78.81	72.69	6.123	16.47	17.76	26.362	83.536	0	
"2012-10-29	20:00:00"	3.604	165	9.99	9.95	5.016	160.7	11.21	7.561	73.67	66.94	6.733	22.3	24.97	26.376	0.88956	0	
"2012-10-29	21:00:00"	8.53	155.5	8.08	12.93	6.419	151.5	8.43	9.95	68.98	63.24	5.745	27.82	30.63	26.385	0	0	
"2012-10-29	22:00:00"	9.37	165.1	9.56	14.12	7.04	163.6	10.73	11.74	65.09	59.53	5.56	33.67	37.46	26.389	0	0	
"2012-10-29	23:00:00"	10.78	178.4	8.18	15.91	8.33	177	10.61	12.93	62.23	57.33	4.904	36.25	40.16	26.394	0	0	
"2012-10-30	00:00:00"	7.602	201.1	14.17	13.52	5.903	202.6	14.16	11.14	59.78	54.39	5.398	38.88	44.45	26.39	0	0	
"2012-10-30	01:00:00"	6.876	212.2	12	11.14	5.723	210.3	14.46	9.35	58.01	53.24	4.774	41.98	46.12	26.379	0	0	
"2012-10-30	02:00:00"	4.844	204.5	22.37	11.14	4.91	208	25.33	9.95	57.51	51.39	6.112	42.34	49.4	26.366	0	0	
"2012-10-30	03:00:00"	5.136	254.3	12.3	8.75	4.617	262	14.96	6.964	57.95	50.85	7.107	42.64	50.23	26.364	0	0	
"2012-10-30	04:00:00"	3.226	279.2	13.44	7.561	3.202	317.2	37.45	6.368	53.57	45.27	8.29	48.24	58.32	26.358	0	0	
"2012-10-30	05:00:00"	4.677	286.3	74.61	9.35	4.032	306.1	69.08	7.561	53.12	46.43	6.682	50.11	56.16	26.346	0	0	
"2012-10-30	06:00:00"	1.105	345.1	67.98	5.771	2.98	8.47	29.42	5.175	49.73	38.74	10.98	54.2	67.45	26.343	0	0	
"2012-10-30	07:00:00"	1.898	259.9	32.45	14.12	2.365	308.1	44.08	10.54	51.8	43.02	8.78	52.85	61.91	26.341	0	0	
"2012-10-30	08:00:00"	1.209	43.09	50.44	8.75	3.247	18.27	50.79	7.561	50.54	40.63	9.91	51.98	63.77	26.354	0.15671	0	
"2012-10-30	09:00:00"	5.19	24.02	7.118	8.75	4.613	13.7	10.19	6.368	45.34	38.35	6.991	62.9	69.55	26.36	51.297	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-10-30	10:00:00"	1.471	22.63	13.67	9.35	3.611	29.77	20.58	8.75	52.83	50.48	2.347	54.43	52.6	26.381	234.59	0	
"2012-10-30	11:00:00"	9.95	8.89	12.88	15.91	8.38	7.11	17.84	14.12	63.51	61.37	2.138	28.17	27.46	26.389	425.36	0	
"2012-10-30	12:00:00"	4.685	350.9	16.76	12.93	6.974	348.9	17.99	11.74	71.29	67.63	3.664	20.3	20.13	26.385	584.77	0	
"2012-10-30	13:00:00"	2.078	3.143	65.73	11.14	3.966	359.7	71.09	10.54	76.2	71.55	4.654	18.32	18.33	26.383	690.86	0	
"2012-10-30	14:00:00"	1.125	314.6	89.9	6.964	2.081	308.5	91.1	7.561	75.01	74.24	0.774	18.93	17.45	26.363	731.37	0	
"2012-10-30	15:00:00"	1.103	173.6	72.26	6.368	1.996	170.6	72.37	7.561	77.38	76.28	1.103	16.28	14.93	26.339	688.99	0	
"2012-10-30	16:00:00"	1.061	205.1	74.23	7.561	2.143	204.1	74.42	8.16	79.06	77.82	1.241	14.49	13.15	26.319	608.13	0	
"2012-10-30	17:00:00"	1.033	147.4	57.49	6.368	2.819	149.6	59.55	8.75	79.97	79.06	0.915	13.93	12.4	26.305	460.83	0	
"2012-10-30	18:00:00"	1.351	208.6	40.7	9.35	4.434	210.1	44.43	9.35	80.7	79.45	1.263	13.72	12.35	26.303	275.34	0	
"2012-10-30	19:00:00"	7.441	103.8	25.15	18.89	6.605	103.6	25.05	15.91	78.65	75.83	2.824	17.76	17.13	26.315	80.161	0	
"2012-10-30	20:00:00"	8.17	79.04	7.78	9.95	5.02	72.99	10.38	7.561	70.54	65.94	4.597	24.4	25.08	26.334	0.80323	0	
"2012-10-30	21:00:00"	8.76	70.63	4.828	10.54	5.733	67.42	8	7.561	65.18	61.04	4.134	32.33	32.89	26.354	0	0	
"2012-10-30	22:00:00"	9.33	76.94	3.228	11.14	5.721	67.55	7.561	7.561	61.34	57.26	4.085	38.34	39.65	26.365	0	0	
"2012-10-30	23:00:00"	9.34	81.2	4.649	11.14	5.285	69.55	8.39	7.561	59.26	55.74	3.523	42.83	44.32	26.378	0	0	
"2012-10-31	00:00:00"	9.62	88.7	3.524	11.14	5.206	69.48	7.835	6.964	59.11	54.68	4.436	44.12	47.12	26.382	0	0	
"2012-10-31	01:00:00"	10.01	80.7	4.217	11.74	5.892	66.83	8.06	8.16	57.98	53.79	4.191	46.87	49.96	26.379	0	0	
"2012-10-31	02:00:00"	7.589	85	5.036	9.95	4.953	68.67	7.803	6.964	56.01	52.27	3.738	51.41	54.02	26.38	0	0	
"2012-10-31	03:00:00"	7.507	92.5	11.46	9.95	3.762	57.99	23.69	5.771	56.22	51.2	5.021	52.41	57.14	26.374	0	0	
"2012-10-31	04:00:00"	5	95.3	12.09	8.75	3.015	51.82	25.78	5.175	57.98	53.26	4.718	48.25	53.44	26.374	0	0	
"2012-10-31	05:00:00"	5.379	53.92	15.24	7.561	3.609	29.91	19.19	6.368	56.11	49.26	6.852	51.48	59.7	26.376	0	0	
"2012-10-31	06:00:00"	4.901	42.09	9.86	6.964	4.456	14.26	8.83	7.561	53.27	46.08	7.195	56.82	66.02	26.38	0	0	
"2012-10-31	07:00:00"	5.01	40.55	6.9	8.16	4.828	13.93	7.332	6.368	53.01	45.2	7.811	56.01	68.2	26.386	0	0	
"2012-10-31	08:00:00"	6.937	22.31	10.26	10.54	4.82	7.79	9.35	6.368	51.87	43.83	8.04	58.9	71.28	26.391	0.13839	0	
"2012-10-31	09:00:00"	7.526	20.37	5.162	9.95	5.06	19.86	8.84	6.964	49.34	45.24	4.098	63.85	69.33	26.41	46.837	0	
"2012-10-31	10:00:00"	1.758	42.13	14.77	6.964	3.552	39.69	17.67	5.771	54.52	54.7	-0.18	55.85	54.02	26.434	224.25	0	
"2012-10-31	11:00:00"	2.541	161	36.46	8.16	3.001	163.3	36.23	7.561	62.98	62.86	0.123	42.58	41.08	26.447	413.11	0	
"2012-10-31	12:00:00"	3.458	162.6	22.46	10.54	4.697	162.6	23.05	9.95	68.5	68.47	0.036	33.76	32.31	26.454	569.08	0	
"2012-10-31	13:00:00"	8.5	160.1	16.05	15.31	7.243	159.9	17.15	12.33	73.34	72.64	0.701	26.83	25.49	26.446	674.37	0	
"2012-10-31	14:00:00"	8.44	152.8	22.08	15.91	7.424	153.8	23.64	14.72	75.62	75.18	0.437	23.77	22.18	26.421	713.02	0	
"2012-10-31	15:00:00"	8.83	157.6	24.96	15.91	8.12	157.8	27.04	13.52	77.63	76.93	0.697	20.71	19.22	26.397	671.55	0	
"2012-10-31	16:00:00"	8.16	151.7	24.49	17.7	7.456	153.3	26.19	14.12	78.71	78.07	0.638	20.19	18.66	26.379	592.43	0	
"2012-10-31	17:00:00"	8.14	153.5	21.35	14.72	6.674	153.4	21.37	12.93	78.41	78.18	0.229	20.38	18.69	26.37	443.95	0	
"2012-10-31	18:00:00"	8.66	153.9	18.38	14.72	6.967	153.2	18.57	13.52	77.84	77.55	0.29	20.23	18.59	26.369	263.24	0	
"2012-10-31	19:00:00"	7.589	148.2	12.75	12.93	5.853	146.2	13.14	11.74	76.07	75.2	0.87	21.22	20	26.377	73.337	0	
"2012-10-31	20:00:00"	7.574	142.3	8.11	10.54	4.574	140.4	9.05	7.561	76.1	68.94	7.157	23.41	25.85	26.386	0.64533	0	
"2012-10-31	21:00:00"	9.79	136.6	6.717	12.93	6.013	134.7	9.6	9.35	74.31	66.15	8.17	24.72	28.36	26.397	0	0	
"2012-10-31	22:00:00"	9	141.7	6.831	11.74	6.008	141.9	7.599	8.75	72.87	65.37	7.506	25.63	29.13	26.404	0	0	
"2012-10-31	23:00:00"	8.85	136.2	9.5	12.33	5.629	134	11.4	8.75	67.73	62.52	5.211	29.95	32.49	26.413	0	0	
"2012-11-01	00:00:00"	7.791	142.5	12.71	10.54	4.839	137.1	16.62	7.561	64.76	61.27	3.497	32.28	33.41	26.424	0	0	
"2012-11-01	01:00:00"	3.625	180.5	11.3	8.16	2.076	185.4	16.94	5.175	60.86	58.83	2.034	36.2	36.57	26.424	0	0	
"2012-11-01	02:00:00"	1.15	179.1	7.136	5.771	1.012	173.6	11.71	2.789	59.92	57.84	2.073	38.64	39.04	26.425	0	0	
"2012-11-01	03:00:00"	1.114	183.3	15.52	11.14	1.185	167.7	13.91	6.964	59.44	57	2.437	41.59	41.97	26.423	0	0	
"2012-11-01	04:00:00"	4.049	120.9	10.26	10.54	1.853	70.39	34.44	7.561	55.32	51.15	4.172	50.87	52.9	26.42	0	0	
"2012-11-01	05:00:00"	4.312	114.7	18.15	6.964	2.285	66.32	32.77	4.578	54.78	51.51	3.27	59.47	59.83	26.413	0	0	
"2012-11-01	06:00:00"	1.442	140.1	21.43	5.771	1.396	57.65	12.73	2.789	55.57	52.26	3.311	62.64	63.57	26.404	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-01	07:00:00"	1	181.9	11.33	1	1.094	170.9	35.99	2.789	57.02	54.68	2.338	62.69	64.25	26.406	0	0
"2012-11-01	08:00:00"	4.21	193.3	9.58	8.16	2.074	186.3	14.65	5.175	55.54	53.44	2.098	66.17	67.24	26.411	0.12089	0
"2012-11-01	09:00:00"	1.013	206.5	59.69	3.982	1.726	287.4	74.95	4.578	54.71	52.27	2.438	68.77	69.86	26.426	47.036	0
"2012-11-01	10:00:00"	3.257	144.2	90.7	21.87	4.402	120.7	42.39	8.75	57.41	57.01	0.399	65.77	63.88	26.443	223.07	0
"2012-11-01	11:00:00"	8.74	229.6	10.33	16.51	4.895	174.1	11.46	46.92	17.95	65.09	-47.14	43.84	44.72	26.442	408.69	0
"2012-11-01	12:00:00"	13.97	184	12.34	18.89	11.12	180.9	34.3	16.51	68.37	69.4	-1.024	40.06	37.58	26.44	572.68	0.13
"2012-11-01	13:00:00"	12.52	184.4	13.01	20.68	10.11	185.1	15.36	16.51	71.54	72.91	-1.376	37.85	35.07	26.423	678.41	0
"2012-11-01	14:00:00"	11.18	177.3	11.15	16.51	9.08	177.2	14.03	14.12	74.47	75.96	-1.488	30.74	28.08	26.398	719.18	0
"2012-11-01	15:00:00"	11.62	178.3	15.63	18.89	9.24	178.6	17.97	16.51	76.67	78.21	-1.535	23.48	20.96	26.363	677.9	0
"2012-11-01	16:00:00"	12.01	178.9	14.5	18.89	9.39	179.4	16.5	15.91	77.58	78.92	-1.34	20.1	17.78	26.339	598.99	0
"2012-11-01	17:00:00"	11.6	181.1	15.06	18.3	9.09	182	16.56	15.91	78.4	79.43	-1.025	18.32	16.18	26.329	453.37	0
"2012-11-01	18:00:00"	10.6	192.7	12.66	21.28	8.32	193.4	14.5	17.7	78.2	78.66	-0.463	17.26	15.4	26.323	267.32	0
"2012-11-01	19:00:00"	9.07	186.3	10.39	13.52	6.968	187.2	12.34	12.33	76.57	76.21	0.359	18.64	17.13	26.324	75.012	0
"2012-11-01	20:00:00"	5.925	181.8	8.89	8.75	3.341	179.9	11.72	6.964	71.87	70.38	1.488	22.73	22.06	26.335	0.6458	0
"2012-11-01	21:00:00"	7.617	160.1	11.48	11.74	4.002	157.9	14.03	8.75	69.33	67.73	1.607	26.36	25.79	26.338	0	0
"2012-11-01	22:00:00"	8.33	146.6	7.241	13.52	5.61	144	8.5	11.74	65.15	63.91	1.241	33.13	32.55	26.338	0	0
"2012-11-01	23:00:00"	10.51	162.4	10.46	14.72	7.798	162.3	11.8	12.93	62.86	62.18	0.679	38.68	37.64	26.347	0	0
"2012-11-02	00:00:00"	9.7	169.7	8.16	14.12	7.007	169.6	9.92	11.14	60.05	59.41	0.634	50.81	49.6	26.352	0	0
"2012-11-02	01:00:00"	8.89	179.2	12.79	13.52	6.148	180.4	18.15	10.54	59.4	58.61	0.788	60.4	59.73	26.35	0	0
"2012-11-02	02:00:00"	6.456	186.8	9.2	9.95	4.097	190.2	11.7	6.964	58.17	57.15	1.013	66.58	66.15	26.35	0	0
"2012-11-02	03:00:00"	6.584	191.8	10.56	9.35	4.181	195.8	12.64	6.368	57.5	56.6	0.908	71.78	71.45	26.341	0	0
"2012-11-02	04:00:00"	6.768	194.3	10.15	9.95	4.501	196.9	12.08	7.561	56.53	55.76	0.769	77.73	77.26	26.331	0	0
"2012-11-02	05:00:00"	6.804	193.7	8.41	9.95	4.589	199.2	11.03	8.16	55.38	54.64	0.737	83.3	83	26.322	0	0
"2012-11-02	06:00:00"	5.811	209.1	14.74	8.75	4.373	213.7	15.47	7.561	54.24	53.72	0.522	87.2	86.7	26.316	0.0001	0
"2012-11-02	07:00:00"	5.914	214	12.35	8.75	4.203	219.3	13.87	7.561	53.97	53.5	0.469	88.4	87.8	26.315	0.39229	0
"2012-11-02	08:00:00"	5.853	224.7	17.62	8.75	4.125	232.5	20.52	6.964	53.58	53.07	0.512	89	88.4	26.319	0.83644	0
"2012-11-02	09:00:00"	5.459	223.8	14.02	8.16	3.98	228.6	16.32	6.368	53.05	52.73	0.322	89.5	89	26.33	49.096	0
"2012-11-02	10:00:00"	6.614	236.5	15.76	11.74	5.201	242.2	18.35	9.35	54.75	54.91	-0.157	87.7	86.4	26.346	225.79	0
"2012-11-02	11:00:00"	7.688	213.7	13.12	12.33	6.496	216.2	17.08	11.14	58.97	59.62	-0.653	76.92	74.68	26.354	407.43	0
"2012-11-02	12:00:00"	7.201	224.2	18.75	11.74	6.151	227.8	21.32	9.95	65.16	66	-0.838	58.18	55.67	26.354	564.98	0
"2012-11-02	13:00:00"	6.973	246.4	15.6	11.74	5.83	249.7	18.3	9.95	72.57	73.67	-1.097	36.89	34.56	26.342	675.38	0
"2012-11-02	14:00:00"	8.16	276	22.41	17.7	5.556	279.9	23.25	15.31	78.38	80	-1.654	22.47	20.15	26.314	714.93	0
"2012-11-02	15:00:00"	12.52	285.7	23.15	20.68	8.44	290.3	24.51	18.89	81.1	83	-1.938	12.38	10.26	26.286	671.47	0
"2012-11-02	16:00:00"	11.21	253.3	27.75	23.07	8.28	257.1	30.01	18.89	81.2	82.6	-1.407	11.47	9.45	26.269	591.85	0
"2012-11-02	17:00:00"	9.6	263.4	25.25	20.09	7.206	266.4	28.2	16.51	81.4	82.6	-1.152	11.2	9.25	26.26	445.32	0
"2012-11-02	18:00:00"	8.21	284.5	22.38	14.12	5.73	288.7	23.62	11.14	81.1	81.8	-0.73	11.59	9.76	26.255	255.67	0
"2012-11-02	19:00:00"	4.782	283.5	24.39	12.93	1.73	287.1	26.49	9.35	79.74	79.05	0.691	12.48	11.33	26.26	65.157	0
"2012-11-02	20:00:00"	4.551	324.1	31.46	8.16	1	341.8	35.54	1	76.79	72.45	4.339	12.92	14.22	26.274	0.36651	0
"2012-11-02	21:00:00"	3.537	159.9	84.5	8.75	1.616	7.238	87.1	6.368	74.39	67.88	6.509	14.69	16.4	26.292	0	0
"2012-11-02	22:00:00"	2.951	154.8	17.69	3.982	1	110.5	23.15	1	74.51	72.07	2.439	19.48	17.1	26.303	0	0
"2012-11-02	23:00:00"	5.576	147.7	15.15	14.12	3.095	119.9	26.46	11.74	72.64	67.59	5.043	22.34	22.74	26.314	0	0
"2012-11-03	00:00:00"	7.618	180.8	13.82	12.93	4.967	184.6	19.54	11.14	67.45	66.12	1.329	34.21	33.4	26.321	0	0
"2012-11-03	01:00:00"	7.446	192.5	12.92	12.33	4.813	198.3	15.92	9.95	63.07	62.19	0.875	44.47	43.26	26.323	0	0
"2012-11-03	02:00:00"	7.922	178.9	15.63	11.74	5.667	180.7	18.45	9.35	61.09	60.39	0.698	58.16	57.1	26.319	0	0
"2012-11-03	03:00:00"	6.23	217.7	16.61	9.35	4.486	222.2	19.01	7.561	59.11	58.58	0.523	63.91	62.9	26.327	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2012-11-03	04:00:00"	7.301	188.1	9.56	10.54	4.851	194.4	14.19	8.75	59.12	58.32	0.803	68.93	68.42	26.329	0	0
"2012-11-03	05:00:00"	6.262	221	26.7	18.3	4.358	232	30.21	12.93	58.61	57.82	0.789	72.8	72.51	26.332	0	0
"2012-11-03	06:00:00"	5.208	243.1	37.07	17.1	3.05	248.1	43.82	14.12	58.06	57.06	1	72.33	72.43	26.344	0	0
"2012-11-03	07:00:00"	6.949	199.7	77.93	15.31	4.694	186.3	87.4	13.52	57.89	56.77	1.118	73.45	74.07	26.352	0	0
"2012-11-03	08:00:00"	7.407	57.33	34.52	14.12	5.265	61.72	37.39	11.74	56.64	55.77	0.871	75.01	75.55	26.381	0.04218	0
"2012-11-03	09:00:00"	11.37	37.98	17.11	21.28	8.88	39.87	19.55	19.49	53.92	53.9	0.019	67.92	66.84	26.418	50.626	0
"2012-11-03	10:00:00"	16.3	25.84	7.757	23.66	13.1	28.16	11.33	20.68	52.21	52.58	-0.37	50.47	48.54	26.442	109.25	0
"2012-11-03	11:00:00"	15	29.62	8.78	21.87	12.22	31.8	11.49	18.3	53.22	53.74	-0.516	50.67	48.35	26.462	137.08	0
"2012-11-03	12:00:00"	9.87	24.92	14.74	20.68	8.14	26.5	17.41	18.89	54.51	55.26	-0.754	49.15	46.56	26.489	183.11	0
"2012-11-03	13:00:00"	8	65.33	20	11.74	6.502	67.46	20.49	9.95	57	57.64	-0.646	47.36	44.8	26.497	152.3	0
"2012-11-03	14:00:00"	7.645	39.42	30.03	12.93	6.263	39.6	31.63	11.14	59.34	59.98	-0.645	47.4	44.9	26.472	167.42	0
"2012-11-03	15:00:00"	11.58	2.074	22.85	17.7	9.11	1.394	24.19	14.12	61.83	62.56	-0.734	44.78	42.8	26.435	182.95	0
"2012-11-03	16:00:00"	15.09	348.1	11.14	21.87	11.92	346.2	12.2	18.3	60.21	60.8	-0.593	49.77	47.96	26.409	155.65	0
"2012-11-03	17:00:00"	11.86	49.47	41.44	21.28	9.42	51.19	43.94	18.3	61.73	62.15	-0.418	47.35	45.3	26.405	152.83	0
"2012-11-03	18:00:00"	8.61	89.3	19.25	12.93	7.049	90.7	21.02	11.14	63.95	64.6	-0.658	42.43	39.9	26.427	294.16	0
"2012-11-03	19:00:00"	7.36	92.7	18.54	10.54	5.596	94	20.88	8.75	62.61	62.56	0.047	44.12	42.41	26.436	65.088	0
"2012-11-03	20:00:00"	7.974	56.06	5.88	10.54	4.732	58.46	9.17	8.16	58.14	57.06	1.081	51.32	51.2	26.45	0.44953	0
"2012-11-03	21:00:00"	8.37	62.52	7.958	10.54	4.855	63.42	11.29	6.964	55.89	54.48	1.411	55.98	56.52	26.456	0	0
"2012-11-03	22:00:00"	8.42	63.49	4.64	10.54	4.702	64.66	9.88	6.964	54.7	52.62	2.084	58.67	60.16	26.467	0	0
"2012-11-03	23:00:00"	7.243	60.7	8.74	9.35	4.118	51.43	20.77	6.368	53.24	50.99	2.248	61.92	63.59	26.472	0	0
"2012-11-04	00:00:00"	7.543	61.28	8.82	10.54	4.357	52.08	20.82	6.964	52.43	50.11	2.317	63.85	66.03	26.473	0	0
"2012-11-04	01:00:00"	9.06	65.12	4.992	11.14	5.606	63.26	8.53	8.16	50.34	49.19	1.148	67.37	67.92	26.48	0	0
"2012-11-04	02:00:00"	8.48	64.41	5.935	10.54	5.277	59.95	9.15	7.561	49.34	48.16	1.18	70.35	70.91	26.488	0	0
"2012-11-04	03:00:00"	7.962	50.11	13.43	10.54	5.296	45.88	19.86	7.561	49.24	48.2	1.042	71.41	71.89	26.488	0	0
"2012-11-04	04:00:00"	7.824	45.87	9.71	10.54	5.409	41.8	12.9	8.16	48.89	47.89	0.999	72.43	73.03	26.495	0	0
"2012-11-04	05:00:00"	7.209	47.9	15.97	9.95	4.827	38.89	26.15	7.561	47.08	45.59	1.491	74.22	75.17	26.495	0	0
"2012-11-04	06:00:00"	7.479	28.16	5.121	10.54	5.207	21.4	9.95	7.561	44.7	43.08	1.622	77.38	79	26.487	0	0
"2012-11-04	07:00:00"	7.062	34.38	5.777	9.35	4.868	25.51	8.77	6.964	45.49	43.49	1.998	74.96	77.45	26.492	0	0
"2012-11-04	08:00:00"	6.982	33.17	5.495	8.75	4.768	28.38	8.52	6.964	44.48	43.26	1.211	75.89	77.08	26.501	0.06263	0
"2012-11-04	09:00:00"	6.624	31.36	6.024	8.75	4.787	20.99	10.05	6.964	44.14	42.53	1.613	75.64	77.6	26.508	35.684	0
"2012-11-04	10:00:00"	6.729	48.56	17.37	10.54	5.557	50.15	18.72	9.35	48.35	48.75	-0.401	69.35	67.77	26.522	196.69	0
"2012-11-04	11:00:00"	4.771	114.4	36.96	8.16	3.756	114.2	37.21	7.561	54.37	54.97	-0.596	60.22	57.97	26.525	381.27	0
"2012-11-04	12:00:00"	3.769	203.4	40.07	8.16	2.929	211.2	47.64	6.964	58.92	59.62	-0.705	59.17	56.7	26.527	536.61	0
"2012-11-04	13:00:00"	4.55	212.1	34.69	9.35	3.583	217.6	42.48	8.16	62.81	63.74	-0.926	53.79	50.91	26.523	642.96	0
"2012-11-04	14:00:00"	5.942	230.5	22.43	12.93	4.99	235.2	27.46	11.74	65.82	66.93	-1.115	49.34	46.17	26.499	683.77	0
"2012-11-04	15:00:00"	7.967	225	22.91	14.12	6.558	228.5	26.83	12.33	68.78	70.15	-1.37	43.25	39.87	26.468	645.18	0
"2012-11-04	16:00:00"	7.609	230.3	24.02	12.33	6.003	234.9	29.52	11.74	70.75	72.03	-1.281	38.8	36.05	26.443	567.53	0
"2012-11-04	17:00:00"	7.286	222.3	20.67	12.93	5.681	223.1	25.59	11.74	72.61	73.55	-0.948	35.19	32.82	26.429	422.48	0
"2012-11-04	18:00:00"	7.752	226.3	26.43	14.12	5.926	228.9	29.16	11.74	73.65	74.23	-0.581	32.6	30.53	26.417	242.52	0
"2012-11-04	19:00:00"	7.796	204.1	15.81	12.93	5.836	204.9	17.02	10.54	72.74	72.53	0.209	33.94	32.5	26.416	62.255	0
"2012-11-04	20:00:00"	8.67	182.7	8.55	12.93	6.416	182.2	11.21	11.14	68.23	67.55	0.679	40.4	39.44	26.425	0.46279	0
"2012-11-04	21:00:00"	9.24	183.7	9.07	13.52	6.842	184.9	12.78	11.14	65.59	64.77	0.824	44	43.37	26.436	0	0
"2012-11-04	22:00:00"	5.903	204.9	12.18	9.95	3.959	205.6	12	7.561	61.12	60.45	0.669	50.32	49.51	26.443	0	0
"2012-11-04	23:00:00"	6.476	219.4	11.56	9.95	4.955	221.1	11.39	8.16	60.01	59.48	0.537	53.7	52.7	26.449	0	0
"2012-11-05	00:00:00"	6.48	227	11.61	9.35	4.902	227.5	12.57	7.561	58.56	58.03	0.538	57.85	56.87	26.453	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-05	01:00:00"	6.684	226.4	11.77	9.35	5.058	223.6	13.96	8.16	56.99	56.46	0.53	62.42	61.5	26.447	0
"2012-11-05	01:00:00"	6.668	235.7	11.01	9.95	4.845	238.7	13.16	8.16	57.24	56.43	0.812	64.74	64.46	26.445	0
"2012-11-05	02:00:00"	6.613	231.2	14.52	9.95	4.664	234.6	18.83	7.561	56.81	55.94	0.869	66.73	66.54	26.442	0
"2012-11-05	03:00:00"	7.413	262.4	7.424	10.54	5.334	270.8	8.88	8.75	57.75	56.53	1.21	66.25	66.96	26.442	0
"2012-11-05	04:00:00"	8.32	291.2	7.462	10.54	3.439	295.7	9.07	5.175	55.53	52.63	2.901	68.42	72.23	26.43	0
"2012-11-05	05:00:00"	10.11	309.2	6.212	14.12	5.14	314.9	8.29	11.14	52.56	49.28	3.271	69.58	75.03	26.427	0
"2012-11-05	06:00:00"	13.35	353.8	21.17	19.49	9.76	353.1	20.81	17.7	50.49	49.39	1.105	63.11	64.77	26.439	0
"2012-11-05	07:00:00"	14.86	8.03	11.88	21.28	11.09	6.061	15.17	17.1	50.36	49.44	0.92	58.33	59.02	26.45	0.05551
"2012-11-05	08:00:00"	14.54	24.98	6.122	19.49	11.29	27	9.87	15.91	49.02	48.53	0.494	57.37	57.35	26.47	37.645
"2012-11-05	09:00:00"	17.04	34.46	7.548	24.86	13.91	36.79	9.63	20.68	51.84	52.12	-0.274	47.24	45.72	26.496	208.22
"2012-11-05	10:00:00"	20.25	41.31	8.44	27.84	16.3	43.04	10.19	25.45	57.21	57.9	-0.694	35.38	33.45	26.517	394
"2012-11-05	11:00:00"	18.49	42.83	9.81	26.05	14.88	44.15	11.84	23.66	61.87	62.98	-1.107	28.79	26.54	26.527	549.84
"2012-11-05	12:00:00"	14.36	46.05	12.4	21.87	11.75	48.38	14.72	18.3	64.95	66.37	-1.424	26.03	23.56	26.53	653.9
"2012-11-05	13:00:00"	12.01	51.92	16.2	18.89	9.96	54.72	18.69	16.51	67.49	69.04	-1.55	23.44	20.93	26.516	693.73
"2012-11-05	14:00:00"	9.17	60.29	20.46	17.1	6.144	61.89	21.74	14.12	69.09	70.59	-1.498	22.1	19.63	26.492	651.63
"2012-11-05	15:00:00"	7.878	61.46	30.48	15.31	2.861	63.93	32.48	11.74	70.11	71.59	-1.48	21.57	19.1	26.469	573.94
"2012-11-05	16:00:00"	6.786	75.67	35.89	12.33	2.452	78.15	38.57	10.54	70.67	71.77	-1.101	21.63	19.36	26.464	426.72
"2012-11-05	17:00:00"	5.604	53.99	24.72	11.74	2.027	55.45	24.03	8.75	70.81	71.56	-0.743	21.51	19.45	26.464	245.62
"2012-11-05	18:00:00"	5.369	73.66	19.52	9.35	1.019	72.11	17.52	4.578	69.78	69.21	0.572	22.41	21.22	26.463	62.014
"2012-11-05	19:00:00"	5.274	87.2	10.52	6.964	1	57.68	14.27	1	66.07	63.21	2.865	25.27	25.84	26.474	0.44078
"2012-11-05	20:00:00"	5.509	102.6	21.09	7.561	1	81.4	24.98	1	62.83	59.38	3.449	27.98	29.04	26.486	0
"2012-11-05	21:00:00"	5.882	120.4	14.83	8.16	1.246	85.1	33.68	3.982	60.13	56.84	3.289	30.92	31.89	26.488	0
"2012-11-05	22:00:00"	5.172	122.8	16.66	8.75	1.039	95.1	39.94	5.175	58.43	55.95	2.481	33.1	33.65	26.498	0
"2012-11-05	23:00:00"	6.962	159.9	12.73	11.14	3.704	160.2	16.82	9.35	57.34	55.96	1.377	35.12	34.97	26.491	0
"2012-11-06	00:00:00"	3.635	191.1	22.09	5.771	1	203.1	34.48	1	55.51	54.26	1.248	38.05	37.6	26.486	0
"2012-11-06	01:00:00"	3.684	143.5	8.46	5.771	1	97.2	23.13	1	55.43	52.87	2.553	39.84	40.52	26.486	0
"2012-11-06	02:00:00"	4.553	185.6	21.75	6.368	1.115	191.9	22.63	4.578	54.26	52.53	1.736	42.69	43.08	26.485	0
"2012-11-06	03:00:00"	4.717	238.6	15.24	6.964	1.087	246.9	20.11	3.386	53.16	51.59	1.577	43.15	43.59	26.48	0
"2012-11-06	04:00:00"	5.541	267.9	8.53	7.561	1.714	294.8	16.7	6.368	50.96	47.74	3.214	45.56	47.84	26.472	0
"2012-11-06	05:00:00"	5.217	257.7	14.25	7.561	1.879	273	24.53	4.578	50.96	48.21	2.742	46.62	48.66	26.466	0
"2012-11-06	06:00:00"	4.272	294.4	26.89	6.368	1.894	344	32.48	5.175	49.76	43.44	6.314	48.81	55.45	26.468	0
"2012-11-06	07:00:00"	3.694	292.1	26.16	4.578	3.851	346.7	20.26	5.771	50.94	40.75	10.19	48.19	60.19	26.472	0.05428
"2012-11-06	08:00:00"	4.281	260.9	10.3	6.964	2.918	299.8	23.15	6.964	51.6	46.79	4.812	47.74	53.46	26.48	37.064
"2012-11-06	09:00:00"	6.323	240.3	19.8	11.74	4.941	247.1	22.5	9.35	53.56	53.59	-0.02	47.2	45.8	26.501	207.75
"2012-11-06	10:00:00"	7.956	210.4	12.17	12.33	6.473	214.3	16.08	11.74	58.81	59.46	-0.65	42.39	40.13	26.511	392.32
"2012-11-06	11:00:00"	6.792	210.2	15.38	11.14	5.608	213.8	18.88	9.95	64.48	65.31	-0.833	37.04	34.9	26.516	547.53
"2012-11-06	12:00:00"	6.509	207.2	18.73	11.74	3.343	209.5	23.47	8.75	68.67	69.73	-1.061	31.98	29.68	26.512	653.58
"2012-11-06	13:00:00"	5.686	224	22.24	11.14	1.431	229.9	25.63	8.75	71.83	72.89	-1.063	27.44	25.19	26.493	693.73
"2012-11-06	14:00:00"	4.769	240.4	46.9	11.14	2.938	246.6	47.66	9.35	74.04	75.25	-1.207	23.59	21.27	26.47	652.8
"2012-11-06	15:00:00"	5.941	220.1	38.55	12.93	4.926	221.5	45.25	12.33	75.43	76.49	-1.059	22.02	19.77	26.453	573.12
"2012-11-06	16:00:00"	6.572	200.7	48.73	13.52	5.282	204	53.5	11.14	76.12	77.18	-1.055	21.56	19.33	26.445	426.13
"2012-11-06	17:00:00"	7.168	160.8	20.8	12.93	5.821	159.7	23.7	11.74	76.01	76.54	-0.525	21.52	19.55	26.441	245.29
"2012-11-06	18:00:00"	7.815	166.7	8.12	12.33	6.035	164.8	9.85	9.95	74.57	74.15	0.423	22.37	20.97	26.444	61.175
"2012-11-06	19:00:00"	7.41	155.1	9.22	9.95	5.165	151.6	7.637	8.16	70.07	68.9	1.174	26.05	25.28	26.452	0.39526
"2012-11-06	20:00:00"	9.12	136.7	7.664	11.74	5.641	137	8.95	8.16	66.68	64.89	1.795	28.26	28.16	26.465	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-06	21:00:00"	9.88	125.9	6.914	12.33	5.853	125.5	8.98	8.16	64.21	62.18	2.035	30.54	30.72	26.474	0
"2012-11-06	22:00:00"	9.2	121.2	5.244	12.33	3.94	119.5	8.53	8.75	62.67	60.62	2.05	32.25	32.61	26.483	0
"2012-11-06	23:00:00"	9.54	127.4	13.79	12.33	6.007	127	15.68	8.75	61.47	59.91	1.559	34.49	34.48	26.494	0
"2012-11-07	00:00:00"	7.027	137.5	10.46	11.14	3.641	128.2	17.75	7.561	59.19	57.38	1.805	38.52	38.71	26.499	0
"2012-11-07	01:00:00"	7.525	156.3	12.07	11.14	5.117	151.5	15.9	8.16	58.63	57.24	1.387	42.87	42.69	26.498	0
"2012-11-07	02:00:00"	5.619	142.9	11.82	9.35	3.139	122.2	23.52	6.964	57.32	55.49	1.831	47.29	47.83	26.497	0
"2012-11-07	03:00:00"	4.138	92.2	28.2	6.368	2.837	42.2	35.99	5.175	55.88	50.68	5.198	49.34	53.24	26.491	0
"2012-11-07	04:00:00"	6.293	58.06	20.68	10.54	4.666	22.65	8.38	9.95	53.92	46.23	7.685	50.73	58	26.478	0
"2012-11-07	05:00:00"	5.888	58.47	10.87	8.16	4.172	15.06	13.29	6.368	51.77	44.31	7.459	53.85	59.67	26.469	0
"2012-11-07	06:00:00"	5.212	64.39	13.69	6.964	4.418	17.57	15.88	5.771	53.14	43.92	9.22	54.29	63.22	26.468	0
"2012-11-07	07:00:00"	6.936	79.84	5.633	8.75	4.292	52.02	7.306	6.368	53.63	48.58	5.057	55.02	59.94	26.476	0.04257
"2012-11-07	08:00:00"	6.771	74.18	7.84	9.35	3.557	43	10.54	6.368	52.38	47.4	4.98	57.13	61.89	26.488	34.488
"2012-11-07	09:00:00"	4.995	115.6	39.16	8.75	3.596	111.1	46.16	7.561	55.03	54.98	0.058	54.63	53.48	26.499	201.62
"2012-11-07	10:00:00"	6.169	174.2	14.99	9.35	5.062	173.9	17.96	8.16	60.79	61.47	-0.68	47.51	45.2	26.5	384.68
"2012-11-07	11:00:00"	7.813	169.8	12.41	12.93	6.45	169.2	14.69	11.14	66.23	67.22	-0.99	40.01	37.6	26.493	538.29
"2012-11-07	12:00:00"	11.45	174.9	13.35	17.1	9.25	175.4	16.14	14.72	70.01	71.4	-1.389	35.92	33.23	26.47	644.88
"2012-11-07	13:00:00"	11.43	180.1	13.86	18.3	9.25	180.3	17.32	16.51	73.31	74.81	-1.502	31.15	28.44	26.437	687.11
"2012-11-07	14:00:00"	11.56	186.9	14.61	19.49	9.33	186.8	17.55	17.1	75.33	76.88	-1.547	26.65	24.02	26.399	649.51
"2012-11-07	15:00:00"	11.22	199.8	18.37	18.3	7.48	199.9	21.34	15.31	77.12	78.35	-1.228	21.72	19.36	26.377	573.56
"2012-11-07	16:00:00"	11.17	209	16.75	20.68	8.09	209.6	19.44	17.1	78	78.85	-0.851	19.99	17.86	26.36	428.3
"2012-11-07	17:00:00"	10.74	198.9	13.52	17.1	8.32	198.8	15.06	14.72	78.09	78.43	-0.346	20.55	18.66	26.35	245.03
"2012-11-07	18:00:00"	9.29	184.6	9.14	13.52	6.76	185.2	12.03	13.52	76.37	75.82	0.55	21.34	19.97	26.349	60.592
"2012-11-07	19:00:00"	10.26	173.7	6.442	14.72	7.104	170.7	8.32	11.74	71.41	70.17	1.243	24.84	24.04	26.356	0.256
"2012-11-07	20:00:00"	9.83	171.6	7.158	12.93	6.447	170	8.53	10.54	67.13	66.08	1.049	28.66	27.93	26.367	0
"2012-11-07	21:00:00"	8.92	177.9	10.31	13.52	6.306	179.2	14.4	9.95	64.7	63.64	1.06	31.53	30.79	26.372	0
"2012-11-07	22:00:00"	7.942	193.3	8.83	11.74	5.123	202.4	12.46	8.16	60.69	60	0.688	41.64	40.3	26.376	0
"2012-11-07	23:00:00"	8.22	195.5	8.43	11.14	5.522	203	11.43	8.75	59.35	58.65	0.7	50.1	49.04	26.376	0
"2012-11-08	00:00:00"	8.19	189	8.34	12.33	5.643	195.2	12.78	8.75	58.66	57.81	0.847	57.74	57.15	26.368	0
"2012-11-08	01:00:00"	7.619	190.8	7.269	9.95	5.216	195.7	10.85	7.561	57.44	56.62	0.82	65.97	65.59	26.36	0
"2012-11-08	02:00:00"	7.961	199.4	12.04	10.54	5.85	201	13.49	8.75	56.22	55.6	0.616	70.77	70.39	26.351	0
"2012-11-08	03:00:00"	6.852	217.6	13.21	11.14	5.356	221.4	13.84	8.75	54.14	53.74	0.408	73.66	72.94	26.345	0
"2012-11-08	04:00:00"	6.949	209.8	12.12	11.14	5.13	206.5	13.96	8.16	53.44	52.94	0.502	76.99	76.53	26.333	0
"2012-11-08	05:00:00"	7.12	207	11.19	10.54	5.371	202.2	11.16	8.75	53.11	52.65	0.457	78.73	78.32	26.331	0
"2012-11-08	06:00:00"	7.441	204.8	10.58	10.54	5.382	203.4	12.02	8.75	51.19	50.63	0.557	82.7	82.4	26.334	0
"2012-11-08	07:00:00"	6.898	207.6	14.3	10.54	5.137	213	16.43	8.16	50.6	50.1	0.495	83.4	83	26.339	0.03633
"2012-11-08	08:00:00"	5.867	215.3	13.22	9.35	4.537	222.1	15.12	7.561	50.13	49.76	0.37	84.3	83.8	26.351	31.99
"2012-11-08	09:00:00"	6.733	219	13.7	9.95	5.578	223.1	15.24	9.95	51.91	52.01	-0.103	81.1	79.92	26.368	185.85
"2012-11-08	10:00:00"	8.16	219.1	12.09	12.93	6.932	220.5	13.68	12.33	57.93	58.32	-0.383	65.45	63.65	26.38	353.57
"2012-11-08	11:00:00"	9.14	214.5	14.93	14.12	7.671	215.4	17.15	14.12	65.63	66.29	-0.66	45.32	43.11	26.374	488.23
"2012-11-08	12:00:00"	10.31	214.6	15.05	16.51	8.52	214.9	18.07	15.31	72.17	73.14	-0.976	32.52	30.25	26.356	658.13
"2012-11-08	13:00:00"	12.01	223.4	17.22	20.09	9.79	225.8	20.57	17.7	77.22	78.3	-1.085	23.95	21.68	26.327	692.65
"2012-11-08	14:00:00"	11.68	210.3	18.25	18.89	9.66	211.6	21.02	17.1	78.76	79.59	-0.83	22.96	20.8	26.294	501.5
"2012-11-08	15:00:00"	11.77	212.1	16.94	20.09	9.63	211.7	19.28	16.51	80.6	81.6	-0.99	20.67	18.46	26.271	548.3
"2012-11-08	16:00:00"	13.25	199.7	15.19	21.87	10.3	200	17.52	18.89	81.6	82.2	-0.653	18.33	16.32	26.259	382.62
"2012-11-08	17:00:00"	15.55	181.3	11.55	24.86	12.08	181.3	13.54	19.49	80.9	81	-0.061	17.1	15.35	26.251	158.56

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2012-11-08	18:00:00"	9.26	176	7.463	17.7	6.842	174.5	9.98	14.12	78.06	77.4	0.653	19.55	18.21	26.254	38.463	0
"2012-11-08	19:00:00"	8.25	165.4	10.87	14.12	6.037	163.2	11.34	11.14	75.29	74.13	1.161	23.07	22.1	26.26	0.52638	0
"2012-11-08	20:00:00"	9.66	161.2	9.26	14.72	7.404	160.3	9.73	12.33	69.66	68.93	0.735	34.21	33.07	26.273	0	0
"2012-11-08	21:00:00"	10.31	167.2	9.6	17.1	7.845	167.1	11.27	14.12	67.06	66.41	0.642	41.06	40.02	26.282	0	0
"2012-11-08	22:00:00"	12.1	181.4	8.5	17.7	9.21	182.3	11.39	14.12	66.2	65.67	0.535	47.04	45.98	26.29	0	0
"2012-11-08	23:00:00"	14.06	177.5	7.373	21.28	10.87	178	10.23	17.1	65.1	64.65	0.451	55.63	54.68	26.293	0	0
"2012-11-09	00:00:00"	15.2	172.9	6.966	21.28	11.68	173.2	9.55	18.3	64.13	63.66	0.466	60.4	59.67	26.289	0	0
"2012-11-09	01:00:00"	17.08	176.1	7.353	23.66	13.21	176.5	9.89	20.09	63.87	63.47	0.403	62.36	61.64	26.283	0	0
"2012-11-09	02:00:00"	12.31	184.7	9.12	19.49	9.59	186.5	12.02	17.1	62.59	62.19	0.4	64.82	64.14	26.289	0	0
"2012-11-09	03:00:00"	6.957	196.8	12.65	14.12	5.205	199.9	14.38	11.74	59.94	59.46	0.477	69.75	69.26	26.29	0	0
"2012-11-09	04:00:00"	6.793	189	9.73	11.14	4.717	189.9	12.91	8.75	58.19	57.41	0.784	73.06	73.08	26.286	0	0
"2012-11-09	05:00:00"	6.668	209.3	15.85	13.52	4.96	208.7	16.28	9.35	55.56	55.09	0.471	77.74	77.33	26.286	0	0
"2012-11-09	06:00:00"	7.4	197.3	11.3	14.72	5.549	199.8	12.58	10.54	54.42	54.02	0.395	80	79.55	26.287	0	0
"2012-11-09	07:00:00"	8.48	191.4	11.2	14.72	6.343	194.9	14.11	11.74	53.51	53.11	0.401	82.9	82.5	26.293	0.01649	0
"2012-11-09	08:00:00"	7.854	189.4	14.2	12.93	5.884	192.9	18.47	11.14	52.81	52.54	0.27	84.6	84.1	26.299	29.618	0
"2012-11-09	09:00:00"	7.244	196.3	12.5	11.14	5.822	196.6	14.9	9.35	55.08	55.37	-0.288	79.81	78.33	26.316	189.12	0
"2012-11-09	10:00:00"	8.96	196	15.47	14.12	7.41	196.8	18.57	11.14	61.89	62.47	-0.585	55.42	53.33	26.325	372.07	0
"2012-11-09	11:00:00"	8.99	204.8	16.48	14.12	7.46	205.9	20.07	12.33	67.28	68.2	-0.922	40.96	38.5	26.325	525.86	0
"2012-11-09	12:00:00"	13.65	248.8	13.68	21.87	11.09	253.4	17.06	20.09	73.19	74.32	-1.13	31.12	28.74	26.31	628.63	0
"2012-11-09	13:00:00"	14.24	242.3	21.65	23.66	11.36	246.6	23.86	24.26	76.9	78.2	-1.301	26.71	24.23	26.278	665.71	0
"2012-11-09	14:00:00"	14.54	208.7	16.37	24.86	11.56	209.4	18.89	20.09	77.19	78.43	-1.242	27.26	24.76	26.25	627.52	0
"2012-11-09	15:00:00"	14.51	220	19.89	27.24	11.56	221.2	22.9	23.66	78.56	79.57	-1.01	24.72	22.4	26.228	547.34	0
"2012-11-09	16:00:00"	16.36	218	18.61	28.43	13.28	218.8	21.77	24.26	79.56	80.2	-0.682	22.42	20.29	26.213	409.73	0
"2012-11-09	17:00:00"	15.21	202.1	15.8	27.84	12.11	202.9	17.47	24.26	79.48	79.73	-0.251	22.45	20.57	26.208	197.86	0
"2012-11-09	18:00:00"	12.66	177.2	12.65	18.89	9.72	177.4	15.74	15.31	76.58	76.09	0.482	25.83	24.44	26.207	16.462	0
"2012-11-09	19:00:00"	8.3	174.8	20.93	12.93	5.917	174.1	22.8	11.14	71.9	71.31	0.587	30.34	29.17	26.221	0.19107	0
"2012-11-09	20:00:00"	13.14	172.5	13.13	22.47	10.27	172.1	15.01	18.89	71.6	71.16	0.444	36.15	34.93	26.234	0	0
"2012-11-09	21:00:00"	9.2	173.3	13.66	14.12	7.08	173.5	16.5	11.74	69.58	69.25	0.334	44.57	43.1	26.246	0	0
"2012-11-09	22:00:00"	11.82	176.9	9.31	22.47	9.19	176.8	12.72	18.89	66.93	66.74	0.186	59.82	58.41	26.254	0	0
"2012-11-09	23:00:00"	16.47	173.4	7.508	23.66	12.92	173.3	10.42	20.68	65.19	65.13	0.057	68.44	67.07	26.251	0	0
"2012-11-10	00:00:00"	17.46	171.6	7.482	25.45	13.69	171.1	10.23	21.28	64.06	63.96	0.1	71.35	70.19	26.237	0	0
"2012-11-10	01:00:00"	17.08	171.7	7.021	24.86	13.21	172.2	10.01	20.68	63.06	62.96	0.099	71.87	70.77	26.223	0	0
"2012-11-10	02:00:00"	17.58	168.6	7.641	27.84	13.84	168.6	10.14	21.87	62.62	62.47	0.148	70.33	69.36	26.211	0	0
"2012-11-10	03:00:00"	16.23	168.5	7.676	23.07	12.82	168.3	9.85	20.09	61.8	61.53	0.272	68.79	68.01	26.196	0	0
"2012-11-10	04:00:00"	12.67	178.6	10.96	20.09	9.6	180.9	14.65	16.51	60.74	60.39	0.354	68.59	68.01	26.194	0	0
"2012-11-10	05:00:00"	9.58	191	9.42	16.51	7.137	196.5	13.1	11.74	59.12	58.73	0.387	70.76	70.31	26.194	0	0
"2012-11-10	06:00:00"	9.17	189.8	10.34	14.72	6.866	195	13.52	12.33	58.12	57.77	0.358	71.9	71.42	26.193	0	0
"2012-11-10	07:00:00"	7.865	189.8	8.38	11.14	5.912	194.7	11.57	8.75	56.7	56.3	0.402	74.88	74.46	26.195	0	0
"2012-11-10	08:00:00"	8.53	188.3	10.74	14.72	6.47	192.6	13.1	11.14	55.57	55.32	0.257	79.04	78.47	26.201	33.674	0
"2012-11-10	09:00:00"	12.36	181.8	8.26	18.3	9.76	183.4	11.93	15.31	57.95	58.11	-0.159	75.52	74.15	26.206	158.63	0
"2012-11-10	10:00:00"	16.11	180.4	8.45	24.26	12.71	181.1	11.6	20.09	63.19	63.76	-0.573	63.22	60.99	26.201	373.07	0
"2012-11-10	11:00:00"	22.28	178.3	7.861	32.61	17.39	177.8	10.93	26.65	67.8	68.74	-0.941	51.27	48.26	26.178	565.67	0
"2012-11-10	12:00:00"	21.37	194.8	11.49	31.42	16.95	196.1	13.64	27.24	72.96	74.03	-1.072	38.93	36.24	26.159	602.31	0
"2012-11-10	13:00:00"	19.89	201.8	12.97	32.61	16.07	202.5	15.12	27.24	76.5	77.37	-0.876	31.66	29.34	26.13	613.95	0
"2012-11-10	14:00:00"	24.01	210.1	17.57	40.36	19.23	210.9	19.02	35.59	79.84	80.7	-0.807	22.49	20.29	26.082	611.2	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-10	15:00:00"	23.82	213.7	16.57	39.77	19.2	213.8	18.84	30.82	80.1	80.6	-0.477	18.61	16.61	26.057	372.13	0	
"2012-11-10	16:00:00"	23.05	212.1	14.26	35.59	18.34	211.3	16.36	31.42	79.88	80.3	-0.402	18.93	16.97	26.047	357.27	0	
"2012-11-10	17:00:00"	22.91	206.9	13.9	36.19	18.45	206.5	16.17	31.42	78.86	78.94	-0.08	19.89	18.08	26.044	137.37	0	
"2012-11-10	18:00:00"	16.47	207.7	13.45	32.61	12.32	207.2	16.13	26.65	77.91	77.73	0.175	21.11	19.46	26.041	29.836	0	
"2012-11-10	19:00:00"	11.39	212.4	22.52	18.89	8.74	212.9	25.61	14.72	75.63	75.29	0.337	23.34	21.9	26.055	0.1497	0	
"2012-11-10	20:00:00"	13.29	237.4	26.95	27.84	9.43	238.8	31.22	22.47	74.44	73.86	0.58	25.74	25.03	26.085	0	0	
"2012-11-10	21:00:00"	8.25	269.8	18.78	15.91	5.747	272	22.84	11.74	70.58	70.12	0.461	26.74	25.6	26.105	0	0	
"2012-11-10	22:00:00"	4.999	236.9	41.54	12.33	2.838	243.5	47.45	9.95	68.43	67.87	0.565	29.54	28.66	26.133	0	0	
"2012-11-10	23:00:00"	7.362	260.9	10.31	13.52	5.421	266.7	11.51	11.14	66.13	65.71	0.429	30.01	28.87	26.149	0	0	
"2012-11-11	00:00:00"	8.84	293.4	13.49	12.93	4.895	298.8	14.81	9.35	62.66	61.78	0.878	32.4	31.77	26.157	0	0	
"2012-11-11	01:00:00"	10.74	311.6	6.816	14.12	6.38	315.6	9.35	9.95	59.09	58.23	0.858	35.87	35.33	26.162	0	0	
"2012-11-11	02:00:00"	10.37	303.5	6.379	14.72	4.753	308.2	8.68	9.95	55.9	54.68	1.222	39.35	39.31	26.175	0	0	
"2012-11-11	03:00:00"	14.89	339.1	27	24.86	10.36	339.3	24.12	21.28	52.01	50.97	1.041	38.08	38.28	26.192	0	0	
"2012-11-11	04:00:00"	15.62	5.175	11.63	24.26	12.16	1.917	14.42	21.28	47.76	47.5	0.258	32.2	31.18	26.211	0	0	
"2012-11-11	05:00:00"	10.86	7.237	10.33	15.31	8.3	5.425	12.96	12.33	44.8	44.37	0.433	34.8	33.97	26.224	0	0	
"2012-11-11	06:00:00"	9.08	348.5	13.96	13.52	6.245	345.7	14.46	11.14	42.11	41.27	0.839	37.33	37.06	26.249	0	0	
"2012-11-11	07:00:00"	9.42	339.1	9.36	12.93	5.51	338.3	11.56	10.54	40.36	39.18	1.185	39.15	39.46	26.278	0.00297	0	
"2012-11-11	08:00:00"	9.39	335	8.12	12.33	6.333	336.9	9.75	9.95	40.95	40.24	0.705	38.96	38.56	26.313	27.508	0	
"2012-11-11	09:00:00"	10.99	330.8	11.72	15.31	8.54	331.6	12.37	14.12	45.09	45.67	-0.583	34.91	33.1	26.351	187.5	0	
"2012-11-11	10:00:00"	12.26	323.3	17.84	18.89	8.93	324.8	17.63	15.91	48.44	49.83	-1.387	31.66	29.15	26.376	373.36	0	
"2012-11-11	11:00:00"	16.73	304.2	11.72	27.84	10.64	307.6	13.66	22.47	51.33	53.12	-1.788	27.21	24.51	26.39	541.04	0	
"2012-11-11	12:00:00"	18.77	303	11.18	30.82	11.36	306.6	13.11	22.47	51.85	53.91	-2.063	22.43	19.71	26.397	637.31	0	
"2012-11-11	13:00:00"	19.96	298.6	15.43	31.42	13.09	302.1	16.69	24.86	53.21	55.35	-2.143	16.44	13.98	26.397	686.91	0	
"2012-11-11	14:00:00"	18.62	302.9	14.09	30.82	11.76	306.4	15.35	22.47	53.44	55.7	-2.264	14.36	11.92	26.389	646.75	0	
"2012-11-11	15:00:00"	18.45	292.5	13.28	30.22	11.52	296.2	14.58	23.07	54.2	56.12	-1.913	13.15	10.85	26.386	567.55	0	
"2012-11-11	16:00:00"	18.95	302.3	15.25	30.22	12.11	305.6	16.46	24.26	54.77	56.34	-1.572	10.71	8.61	26.393	426.24	0	
"2012-11-11	17:00:00"	18.48	305.5	9.49	28.43	10.8	309.2	11.76	21.28	54.83	55.71	-0.878	7.851	6.017	26.409	244.12	0	
"2012-11-11	18:00:00"	13.55	336.7	11	20.68	10.1	336.6	11.66	18.3	52.46	52.27	0.185	10.07	8.56	26.435	57.064	0	
"2012-11-11	19:00:00"	10.47	344.2	6.37	13.52	4.392	344.8	9.04	10.54	47.09	45.74	1.348	12.86	11.96	26.469	0.27819	0	
"2012-11-11	20:00:00"	9.2	345.3	5.236	12.33	4.377	350	7.566	8.75	45.32	41.19	4.122	14.08	14.89	26.497	0	0	
"2012-11-11	21:00:00"	10.63	330.3	4.744	12.33	4.328	336.1	7.635	7.561	45.47	39.47	5.996	14.12	16.29	26.523	0	0	
"2012-11-11	22:00:00"	10.12	320.4	3.054	12.33	4.523	324.2	7.421	6.964	43.17	37.56	5.617	15.17	17.47	26.547	0	0	
"2012-11-11	23:00:00"	7.717	318.7	6.287	11.14	2.782	313.4	13.18	6.368	41.14	36.58	4.562	15.81	17.63	26.566	0	0	
"2012-11-12	00:00:00"	10.48	330.1	5.964	13.52	5.904	330.4	8.21	9.35	39.01	35.6	3.413	17.14	18.17	26.584	0	0	
"2012-11-12	01:00:00"	12.23	344.2	9.96	18.89	8.46	343.4	10.5	14.12	38.35	36.85	1.496	18.35	17.9	26.59	0	0	
"2012-11-12	02:00:00"	13.88	349.9	10.14	18.89	10.37	348.6	11.05	16.51	39.16	38.2	0.955	18.98	18.11	26.596	0	0	
"2012-11-12	03:00:00"	17.39	354.8	12.43	25.45	13.4	352.5	13.2	20.09	39.03	38.3	0.726	19.78	18.76	26.601	0	0	
"2012-11-12	04:00:00"	17.13	356.1	13.56	23.66	13.14	353.7	14.5	20.09	39.08	38.4	0.681	20.55	19.51	26.604	0	0	
"2012-11-12	05:00:00"	12.99	350.3	10.92	20.09	9.58	348	11.35	17.1	37.28	36.49	0.799	22.64	21.76	26.62	0	0	
"2012-11-12	06:00:00"	9.85	343.7	10.82	16.51	6.451	342.6	10.4	12.93	36.02	34.72	1.293	23.78	23.28	26.64	0	0	
"2012-11-12	07:00:00"	8.78	346.9	11.36	13.52	5.615	345.4	11.51	9.35	36.18	34.75	1.43	23.16	22.83	26.653	0.02715	0	
"2012-11-12	08:00:00"	8.25	355.7	15.18	12.93	4.406	351.9	14.41	8.75	33.8	32.2	1.601	24.58	24.6	26.659	30.31	0	
"2012-11-12	09:00:00"	8.72	336.5	13.35	17.1	5.673	335.2	14	14.72	37.86	38.4	-0.534	22.04	20.33	26.698	200.13	0	
"2012-11-12	10:00:00"	11.07	351.2	15.46	15.91	9.08	349.6	15.92	14.72	42.6	44	-1.406	18.34	16.2	26.718	384.92	0	
"2012-11-12	11:00:00"	5.794	32.1	33.98	11.74	4.467	33.58	39.89	12.33	45.33	46.77	-1.443	15.45	13.34	26.732	541.19	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-12	12:00:00"	4.103	76.1	75.58	9.35	2.084	86.5	80.2	8.75	47.63	48.8	-1.169	13.26	11.31	26.724	647.34	0	
"2012-11-12	13:00:00"	3.798	217	86.5	9.95	1.311	226.8	87.6	7.561	49.61	50.71	-1.102	11.41	9.53	26.709	687.25	0	
"2012-11-12	14:00:00"	3.965	302.9	90.7	11.74	2.47	305.5	97.2	10.54	51.66	52.83	-1.165	9.74	7.851	26.68	647.21	0	
"2012-11-12	15:00:00"	4.101	174.2	81.2	11.74	3.278	174.8	81.1	11.14	52.49	53.46	-0.968	9.7	7.842	26.655	567.14	0	
"2012-11-12	16:00:00"	6.623	149.3	64.06	17.7	4.918	151	67.07	13.52	53.49	54.52	-1.021	10.15	8.23	26.64	422.32	0	
"2012-11-12	17:00:00"	7.243	144.8	16.62	14.12	4.309	145.8	16.87	11.74	53.19	53.94	-0.749	10.64	8.78	26.635	240.88	0	
"2012-11-12	18:00:00"	7.372	136.6	11.29	11.14	5.401	137.2	11.61	9.35	52.04	51.88	0.162	10.86	9.39	26.641	51.309	0	
"2012-11-12	19:00:00"	8.23	117.2	6.217	10.54	3.032	116.4	10.94	5.771	46.1	44.61	1.498	14.77	13.83	26.641	0.11915	0	
"2012-11-12	20:00:00"	8.95	117	6.668	11.74	1.642	112.2	14.03	8.75	43.03	41.7	1.331	18.98	17.99	26.652	0	0	
"2012-11-12	21:00:00"	9.99	109.1	3.961	12.33	4.831	94.8	8.16	7.561	41.45	37.58	3.868	20.47	21.32	26.657	0	0	
"2012-11-12	22:00:00"	10.5	120.7	6.46	12.93	6.059	121.2	9.62	9.35	41.24	39.73	1.504	23.37	22.6	26.676	0	0	
"2012-11-12	23:00:00"	10.93	119	9.26	14.72	7.56	120.1	11.56	11.74	41.79	41.01	0.784	28.65	27.49	26.691	0	0	
"2012-11-13	00:00:00"	8.98	109.3	11.69	12.93	6.071	105.3	16.76	9.95	38.13	37.36	0.769	33.5	32.23	26.681	0	0	
"2012-11-13	01:00:00"	8.17	93.8	8.14	10.54	4.843	83	11.74	6.368	35.4	34.14	1.26	37.73	36.62	26.663	0	0	
"2012-11-13	02:00:00"	9.76	106.6	8.78	13.52	6.641	103.2	12.57	9.95	35.8	36.21	-0.411	41.1	38.93	26.64	0	0	
"2012-11-13	03:00:00"	10.05	109.6	7.186	13.52	7.432	108.4	9.39	11.14	36.66	36.24	0.423	41.13	39.8	26.633	0	0	
"2012-11-13	04:00:00"	11.53	115.3	7.784	16.51	8.66	117.2	10.25	13.52	37.33	37.02	0.309	39.61	38.51	26.618	0	0	
"2012-11-13	05:00:00"	11.43	108	7.729	17.7	8.85	108.1	10.06	14.12	37.38	37.19	0.194	38.53	37.34	26.617	0	0	
"2012-11-13	06:00:00"	10.67	110.3	6.913	17.7	8.29	110.9	9.31	14.72	36.71	36.62	0.09	39.68	38.23	26.613	0	0	
"2012-11-13	07:00:00"	9.61	101.5	9.25	13.52	7.433	101	10.58	11.14	35.96	35.86	0.097	41.94	40.25	26.615	0	0	
"2012-11-13	08:00:00"	8	94.3	6.903	11.74	5.835	91.9	8.47	9.35	35.18	35	0.172	44.2	42.63	26.618	9.698	0	
"2012-11-13	09:00:00"	8.9	103.7	20.66	17.1	7.036	102.2	24.8	14.12	36.76	37.11	-0.354	43.07	41.02	26.626	168.3	0	
"2012-11-13	10:00:00"	14.52	144.6	10.79	20.09	11.86	145.3	11.18	18.3	43.36	44.15	-0.789	36.34	34.13	26.628	361.24	0	
"2012-11-13	11:00:00"	15.45	161.5	13.18	21.87	12.73	161.2	14.33	20.09	47.29	48.37	-1.086	32.48	30.02	26.614	513.12	0	
"2012-11-13	12:00:00"	15.11	163.5	12.89	24.26	12.4	163.7	14.49	19.49	50.07	51.44	-1.371	29.9	27.23	26.599	617.47	0	
"2012-11-13	13:00:00"	11.54	176.1	18.13	18.3	9.46	176.3	21.01	18.3	51.75	53.26	-1.507	27.74	25.03	26.583	657.87	0	
"2012-11-13	14:00:00"	9.71	168	20.06	18.89	8.12	167.3	23.14	15.91	53.09	54.55	-1.455	26.2	23.55	26.553	620.37	0	
"2012-11-13	15:00:00"	11.24	166.1	19.81	20.09	9.22	166.4	21.95	17.7	54.8	56.25	-1.448	24.57	21.94	26.52	544	0	
"2012-11-13	16:00:00"	10.53	165.8	19.56	17.1	8.68	166	21.4	14.12	55.6	56.71	-1.118	23.67	21.26	26.508	403.09	0	
"2012-11-13	17:00:00"	10.93	174.3	13.04	16.51	8.88	174.6	15.58	14.72	55.9	56.56	-0.66	23.48	21.38	26.5	228.45	0	
"2012-11-13	18:00:00"	9.07	171.1	8.93	14.12	7.203	170.3	10.76	11.74	54.99	54.9	0.094	23.65	22.06	26.508	51.373	0	
"2012-11-13	19:00:00"	7.443	159.2	8.47	11.14	5.589	155.9	9.44	8.75	51.46	50.8	0.658	26.15	25.02	26.524	0.20816	0	
"2012-11-13	20:00:00"	8.14	151.6	9.38	11.74	6.033	149.2	9.21	10.54	48.83	48.07	0.754	28.98	27.98	26.531	0	0	
"2012-11-13	21:00:00"	8.8	153.2	8.79	14.12	6.505	150.5	8.71	11.14	47.11	46.36	0.744	31.24	30.29	26.539	0	0	
"2012-11-13	22:00:00"	9.24	153.9	8.91	14.72	7.031	151.8	9.15	11.74	44.67	44.14	0.525	34.44	33.4	26.557	0	0	
"2012-11-13	23:00:00"	8.68	159	9.62	12.93	6.647	158	10.69	10.54	42.5	42.05	0.454	36.89	35.83	26.566	0	0	
"2012-11-14	00:00:00"	7.275	159.9	9.5	11.14	5.246	157.6	10.06	9.35	41.83	41.25	0.581	38.47	37.54	26.574	0	0	
"2012-11-14	01:00:00"	5.703	154.6	22.78	9.95	3.743	148.4	37.27	7.561	39.86	38.86	1	41.45	40.77	26.581	0	0	
"2012-11-14	02:00:00"	5.734	125.2	7.301	7.561	3.073	98.5	11.15	3.982	38.28	36.28	1.996	45.68	45.58	26.577	0	0	
"2012-11-14	03:00:00"	6.675	116.2	6.758	8.75	3.39	87.7	11.05	5.771	38.62	35.25	3.376	47.36	49.16	26.581	0	0	
"2012-11-14	04:00:00"	5.377	126.4	11.15	7.561	2.569	94.4	29.64	4.578	38.93	36.06	2.874	46.9	49.2	26.577	0	0	
"2012-11-14	05:00:00"	4.653	117.2	8.35	6.368	1.797	71.88	18.61	3.982	38.46	34.83	3.624	46.69	50.27	26.57	0	0	
"2012-11-14	06:00:00"	2.059	194.8	49.34	3.982	1.809	350	49.38	3.982	38.2	35.27	2.926	48	50.46	26.576	0	0	
"2012-11-14	07:00:00"	4.774	296.1	15.11	8.16	3.39	318.3	7.057	5.175	37.16	30.71	6.458	49.88	56.75	26.586	0.02601	0	
"2012-11-14	08:00:00"	7.216	316.7	6.459	8.75	3.583	334.7	13.05	4.578	34.44	28.4	6.043	54.82	60.95	26.601	25.899	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-14	09:00:00"	3.789	327.2	15.26	6.964	2.59	330.7	18.77	4.578	40.18	40.16	0.03	47.92	46.54	26.632	188.04	0	
"2012-11-14	10:00:00"	2.191	192.9	54	4.578	2.066	205.8	49.72	3.982	46.95	47.23	-0.28	38.52	36.92	26.644	370.68	0	
"2012-11-14	11:00:00"	4.229	159.4	24.63	8.16	3.574	164.7	30.11	7.561	52.05	52.83	-0.776	30.31	28.31	26.643	526.18	0	
"2012-11-14	12:00:00"	4.221	146	32.9	11.14	3.281	150.3	36.27	9.35	55.4	56.21	-0.808	26.4	24.36	26.63	633.73	0	
"2012-11-14	13:00:00"	7.115	138.6	25.96	13.52	5.81	141.4	27.42	11.74	57.86	59.1	-1.237	22.44	20.14	26.596	675.54	0	
"2012-11-14	14:00:00"	7.184	148	24.98	12.93	5.893	150	26.54	10.54	59.47	60.74	-1.263	20.8	18.49	26.565	635.67	0	
"2012-11-14	15:00:00"	6.969	149.8	29.7	12.33	5.778	151.6	30.54	10.54	60.61	61.71	-1.099	20.16	17.92	26.541	557.4	0	
"2012-11-14	16:00:00"	7.571	163.5	24.5	13.52	6.235	164.1	29.35	11.74	61.31	62.26	-0.947	19.56	17.41	26.53	380.52	0	
"2012-11-14	17:00:00"	7.703	157.9	16.56	12.33	6.231	157.5	17.91	9.95	61.24	61.62	-0.378	19.55	17.7	26.521	174.66	0	
"2012-11-14	18:00:00"	7.612	148.1	12.78	11.14	5.709	147.7	13.68	9.35	59.97	59.54	0.425	21.16	19.72	26.514	65.488	0	
"2012-11-14	19:00:00"	8.92	136.9	8.13	11.74	5.665	135.5	9.36	9.35	54.82	53.3	1.528	27.27	26.38	26.512	0.22701	0	
"2012-11-14	20:00:00"	9.26	153.1	8.26	13.52	4.675	150.6	8.64	11.14	51.94	51.24	0.706	32.01	30.92	26.514	0	0	
"2012-11-14	21:00:00"	9.26	150.8	9.81	13.52	6.442	149.4	9.92	11.14	49.6	48.71	0.888	35.14	34.37	26.512	0	0	
"2012-11-14	22:00:00"	8.34	158.7	7.869	14.12	6.27	155.7	8.62	9.35	47.23	46.46	0.771	38.35	37.58	26.512	0	0	
"2012-11-14	23:00:00"	8.86	175.3	10.88	13.52	6.362	175.3	14.48	9.95	46.62	45.73	0.894	40.03	39.43	26.51	0	0	
"2012-11-15	00:00:00"	5.71	204.4	10.56	8.16	3.659	207	13.41	5.771	43.98	43.31	0.673	43.77	42.68	26.503	0	0	
"2012-11-15	01:00:00"	4.973	188.9	9.38	7.561	2.961	195.7	12.32	5.175	43.27	42.39	0.876	46.64	45.71	26.488	0	0	
"2012-11-15	02:00:00"	4.997	192.3	7.65	7.561	2.703	198.9	11.5	5.175	43.58	42.56	1.021	48.91	48.25	26.478	0	0	
"2012-11-15	03:00:00"	5.402	199.6	12.03	7.561	3.277	200.5	12.06	5.771	43.15	42.37	0.779	51.66	50.64	26.471	0	0	
"2012-11-15	04:00:00"	5.789	211.5	13.04	8.75	4.184	214.2	15.28	6.964	41.98	41.56	0.424	58.6	57.06	26.465	0	0	
"2012-11-15	05:00:00"	5.223	207	11.79	8.16	3.648	207.7	12.86	6.368	40.9	40.54	0.355	69.65	68.18	26.456	0	0	
"2012-11-15	06:00:00"	4.206	220.4	12.44	7.561	2.968	227.2	14.33	5.771	39.89	39.53	0.353	77.83	76.35	26.457	0	0	
"2012-11-15	07:00:00"	3.6	214.7	12.9	5.771	2.059	218.4	18.13	4.578	39.92	39.47	0.457	81.9	80.6	26.465	0.00873	0	
"2012-11-15	08:00:00"	2.158	94.3	53.01	4.578	2.098	44.27	47.21	4.578	39.3	35.25	4.052	83.8	80.5	26.471	19.333	0	
"2012-11-15	09:00:00"	2.887	326.6	90.7	5.175	2.405	308.9	66.88	5.175	39.61	38.04	1.574	82	79.1	26.499	157.3	0	
"2012-11-15	10:00:00"	3.88	218.8	21.44	6.368	3.398	223.1	26.15	6.368	45.48	45.88	-0.399	70.1	68.09	26.517	343.6	0	
"2012-11-15	11:00:00"	4.301	241.1	21.57	7.561	3.713	244.3	27.14	7.561	50.68	51.44	-0.755	55.2	52.52	26.523	512.85	0	
"2012-11-15	12:00:00"	3.355	216.3	26.64	5.771	2.647	219.5	34.37	5.771	56.87	57.46	-0.588	42.85	40.48	26.513	600.99	0	
"2012-11-15	13:00:00"	4.207	247.9	37.45	10.54	3.296	249.2	43.55	9.35	62.87	63.79	-0.925	30.73	28.53	26.485	663.24	0	
"2012-11-15	14:00:00"	5.846	271.5	41.24	14.12	4.48	274.8	45.21	11.74	66.78	68.15	-1.371	22.01	19.63	26.469	617.63	0	
"2012-11-15	15:00:00"	6.731	326.1	25.97	19.49	4.842	326.6	27.06	15.31	69.16	70.83	-1.67	17.72	15.3	26.457	546.13	0	
"2012-11-15	16:00:00"	9.91	335.1	24.14	18.89	7.551	336	24.9	15.31	70.56	72.04	-1.475	13.52	11.34	26.451	404.3	0	
"2012-11-15	17:00:00"	12.86	350.1	14.07	19.49	9.95	347.7	13.76	15.91	69.51	70.24	-0.73	10.51	8.64	26.469	228.53	0	
"2012-11-15	18:00:00"	11.39	356.3	13.18	18.89	7.658	353	11.46	15.31	64.41	63.77	0.638	12.98	11.59	26.493	30.808	0	
"2012-11-15	19:00:00"	11.51	7.623	8.27	15.91	7.721	5.313	12.14	12.33	58.97	58.09	0.881	17.55	16.36	26.513	0.0412	0	
"2012-11-15	20:00:00"	11.96	13.85	6.943	15.31	8.01	11.97	12.45	11.74	54.76	53.77	0.989	21.38	20.41	26.531	0	0	
"2012-11-15	21:00:00"	12.71	16.86	6.202	19.49	8.87	15.35	11.36	14.72	51.67	50.61	1.065	24.16	23.36	26.549	0	0	
"2012-11-15	22:00:00"	14.37	26.79	5.799	19.49	10.8	28.01	9.46	17.1	50.93	50.34	0.598	25.24	24.11	26.559	0	0	
"2012-11-15	23:00:00"	12.57	28.48	5.865	18.3	8.64	29.91	9.3	14.12	48.12	47.58	0.539	28.18	27.07	26.568	0	0	
"2012-11-16	00:00:00"	12.22	28.15	5.517	17.7	8.95	28.91	9.06	13.52	45.54	44.88	0.658	30.82	29.9	26.574	0	0	
"2012-11-16	01:00:00"	12.24	28.06	5.979	16.51	7.669	29.59	9.28	12.33	44.87	44.39	0.483	31.89	30.83	26.574	0	0	
"2012-11-16	02:00:00"	12.11	26.67	5.698	16.51	8.72	28.92	9.29	12.93	43.48	43.03	0.451	33.65	32.61	26.58	0	0	
"2012-11-16	03:00:00"	13.07	29.61	7.7	17.7	10.15	31.89	10.42	15.91	43.94	43.77	0.17	34.01	32.72	26.577	0	0	
"2012-11-16	04:00:00"	11.69	34.6	6.804	16.51	9.07	37.43	8.98	14.72	44.81	44.78	0.034	34.01	32.58	26.582	0	0	
"2012-11-16	05:00:00"	11.29	31.59	6.79	15.31	8.85	34.11	9.1	13.52	44.43	44.42	0.007	35.05	33.59	26.582	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-16	06:00:00"	10.59	29.7	7.008	14.72	8.17	32.54	9.91	12.33	43.69	43.71	-0.02	36.47	34.99	26.586	0
"2012-11-16	07:00:00"	9.93	31.39	6.658	14.12	7.133	34.48	9.35	12.33	43.57	43.59	-0.021	37.51	36.02	26.605	0
"2012-11-16	08:00:00"	9.92	43.73	9.34	14.72	7.722	46.58	10.97	12.33	43.54	43.65	-0.109	38.96	37.39	26.608	24.119
"2012-11-16	09:00:00"	10.28	54.11	9.53	14.12	7.912	57.44	11.04	12.93	45.06	45.5	-0.435	38.29	36.39	26.621	129.96
"2012-11-16	10:00:00"	10.66	56.65	10.44	15.31	7.879	59.55	12.37	12.93	48.12	49.15	-1.034	39.17	36.47	26.644	310.79
"2012-11-16	11:00:00"	8.65	60.45	17.99	12.93	7.105	62.67	18.52	11.14	51.53	52.76	-1.239	41.87	38.58	26.652	484.1
"2012-11-16	12:00:00"	8.64	95.5	18.47	15.91	6.982	96.9	20.73	12.93	55.52	56.68	-1.16	44.44	41.01	26.633	584.72
"2012-11-16	13:00:00"	10.25	136.9	19.25	24.86	8.36	138.4	20.54	23.66	58.74	60.15	-1.409	47.16	43.25	26.602	631.96
"2012-11-16	14:00:00"	9.68	142.8	22.42	19.49	7.523	144.7	24.06	17.7	60.68	62.11	-1.432	45.05	41.15	26.575	604.26
"2012-11-16	15:00:00"	8.7	141.7	22.89	15.31	7.262	143.4	24.8	13.52	61.98	63.16	-1.176	43.22	39.75	26.555	417.89
"2012-11-16	16:00:00"	9.54	142.5	20.14	15.31	7.819	143.4	21.12	14.12	62.38	63.15	-0.765	42.13	39.27	26.545	207.62
"2012-11-16	17:00:00"	10.42	132.8	14.82	15.31	8.51	133.6	14.77	12.93	62.6	63.26	-0.655	41.26	38.66	26.541	187.34
"2012-11-16	18:00:00"	10.78	136.4	10.77	15.91	8.51	137.8	11.06	13.52	61.24	61.34	-0.098	42.94	40.86	26.54	20.687
"2012-11-16	19:00:00"	8.38	145.6	8.39	12.93	6.527	145.6	8.69	10.54	59.06	58.84	0.227	48.94	47.32	26.548	0.06717
"2012-11-16	20:00:00"	7.879	142.9	6.449	9.95	5.483	144.6	7.064	8.16	56.38	55.61	0.764	54.63	53.87	26.565	0
"2012-11-16	21:00:00"	7.552	124.1	6.441	9.95	4.068	116.6	10.91	6.964	53.25	51.37	1.879	58.94	59.65	26.571	0
"2012-11-16	22:00:00"	8.13	140.5	10.06	12.33	5.992	140.9	10.28	9.95	53.32	52.93	0.392	59.65	58.7	26.578	0
"2012-11-16	23:00:00"	8.29	149.6	9.39	12.93	6.312	148.3	9.59	10.54	51.78	51.37	0.41	63.96	62.95	26.578	0
"2012-11-17	00:00:00"	7.758	152.3	10.92	11.74	6.1	152.1	10.78	9.35	50.24	50.07	0.166	71.17	69.96	26.573	0
"2012-11-17	01:00:00"	5.337	144.3	9.98	8.16	4.187	142.3	9.2	7.561	49.89	49.9	-0.004	73.79	72.25	26.561	0
"2012-11-17	02:00:00"	6.521	167.1	12.31	14.12	5.125	167.9	13.81	10.54	49.88	49.95	-0.071	76.18	74.56	26.555	0
"2012-11-17	03:00:00"	7.849	187.4	11.14	11.74	6.144	189.4	14.4	9.95	50.82	50.97	-0.152	77.78	76.13	26.558	0
"2012-11-17	04:00:00"	8.21	181.5	9.45	15.31	6.576	182	12.41	10.54	51.6	51.72	-0.116	78.56	77.05	26.544	0
"2012-11-17	05:00:00"	12.99	164.6	12.69	25.45	10.37	164	14.12	20.68	51.75	51.87	-0.117	78.1	76.59	26.528	0
"2012-11-17	06:00:00"	13.48	172.2	7.971	20.68	10.75	172	10.62	17.7	51.07	51.21	-0.137	78.15	76.65	26.526	0
"2012-11-17	07:00:00"	14.22	170.2	7.999	20.09	11.13	170.3	10.56	17.7	50.34	50.48	-0.147	76.5	74.95	26.539	0
"2012-11-17	08:00:00"	12.63	170.4	8.92	19.49	9.87	169.9	11.32	15.31	49.67	49.82	-0.15	75.19	73.65	26.55	6.7343
"2012-11-17	09:00:00"	10.14	169.1	10.03	16.51	7.96	168.5	12.03	15.31	49.73	50.03	-0.298	74.58	72.77	26.568	48.62
"2012-11-17	10:00:00"	10.53	163.6	11.66	15.91	8.64	162.4	13.67	12.93	50.37	50.86	-0.491	75.04	72.8	26.571	121.58
"2012-11-17	11:00:00"	9.15	157.3	19.17	16.51	7.437	157.7	21.49	13.52	51.63	52.44	-0.817	74.61	71.69	26.576	316.15
"2012-11-17	12:00:00"	7.625	163.7	20.77	12.93	6.332	164.5	24.39	14.12	54.87	56.1	-1.223	67.35	63.65	26.568	573.66
"2012-11-17	13:00:00"	8.63	159.9	20.53	13.52	7.236	161.1	23.26	11.74	58.37	59.75	-1.381	58.51	54.6	26.536	635.23
"2012-11-17	14:00:00"	8.44	171.3	17.3	15.31	6.956	172	21.46	12.93	61.43	62.8	-1.368	52.43	48.56	26.508	562.04
"2012-11-17	15:00:00"	9.11	159	18.03	19.49	7.506	158.9	19.87	17.1	63.93	65.03	-1.1	46.54	43.13	26.489	373.51
"2012-11-17	16:00:00"	10.12	159.2	15.56	15.91	8.34	159.6	16.38	14.72	64.77	65.47	-0.704	44.34	41.48	26.478	218.59
"2012-11-17	17:00:00"	10.82	157.8	11.52	15.31	7.83	156.4	11.9	12.33	64.43	64.73	-0.302	45.51	43.22	26.48	92.696
"2012-11-17	18:00:00"	11.29	155.3	10.85	17.1	7.286	154.7	11.09	13.52	63.03	63.07	-0.042	47.89	46	26.472	17.63
"2012-11-17	19:00:00"	9.28	161.1	10.71	15.31	7.405	161	12.04	13.52	61.44	61.34	0.103	50.93	49.35	26.482	0.02606
"2012-11-17	20:00:00"	9.54	169.8	7.995	13.52	7.31	169.1	9.85	10.54	59.55	59.34	0.206	54.09	52.78	26.495	0
"2012-11-17	21:00:00"	7.361	154.2	13.55	11.14	5.732	152.3	13.8	9.95	57.47	57.18	0.287	56.81	55.67	26.489	0
"2012-11-17	22:00:00"	8.36	145.1	10.23	13.52	6.466	144.9	10.73	11.14	56.51	56.25	0.255	57.95	56.89	26.48	0
"2012-11-17	23:00:00"	8.85	170.3	8.09	12.33	6.832	169.9	10.22	11.14	56.3	56.24	0.054	58.18	56.78	26.48	0
"2012-11-18	00:00:00"	10.69	174.9	7.133	15.91	8.36	174	9.74	13.52	56	55.93	0.07	59.31	57.95	26.469	0
"2012-11-18	01:00:00"	7.231	173.6	7.75	13.52	6.577	173.4	9.56	12.33	54.54	54.42	0.121	62.31	61.02	26.452	0
"2012-11-18	02:00:00"	7.922	175.2	6.67	12.33	6.958	174.6	9.28	10.54	53.12	53.05	0.078	65.81	64.55	26.439	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2012-11-18	03:00:00"	10.03	182.2	8.51	14.72	7.955	184	11.82	12.33	52.88	52.89	-0.013	67.97	66.57	26.427		0	0	
"2012-11-18	04:00:00"	8.94	188.3	8.71	13.52	7.075	191.2	12.5	12.33	51.73	51.69	0.043	69.79	68.6	26.423		0	0	
"2012-11-18	05:00:00"	6.204	206.4	12.99	10.54	5.043	207.9	15.11	8.75	51	50.97	0.035	69.44	68.25	26.422		0	0	
"2012-11-18	06:00:00"	5.644	186.3	12.74	8.16	4.436	186.3	13.83	6.368	50.62	50.55	0.062	69.88	68.78	26.416		0	0	
"2012-11-18	07:00:00"	6.943	172.2	9.5	9.95	5.362	172.5	11.53	8.75	50.09	50.05	0.041	70.66	69.5	26.422		0	0	
"2012-11-18	08:00:00"	5.265	160.4	11.38	8.75	4.263	160.1	12.71	6.964	50.09	50.15	-0.064	71.33	69.98	26.431	4.0354		0	
"2012-11-18	09:00:00"	5.015	188.6	14.8	8.75	3.93	191.3	19.67	6.964	50.47	50.62	-0.153	71.64	70.55	26.448	29.272		0	
"2012-11-18	10:00:00"	9.12	196.8	10.2	14.72	7.303	197.9	11.98	11.14	52.26	52.51	-0.256	71.01	69.79	26.461	80.376		0	
"2012-11-18	11:00:00"	8.7	209.9	19.97	14.72	7.185	212	23.08	12.33	52.79	52.89	-0.098	73.95	73.73	26.482	57.288	0.02		
"2012-11-18	12:00:00"	6.567	254.3	23.59	12.33	5.263	259.9	26.14	10.54	51.89	52.08	-0.186	81.4	81.4	26.487	78.29	0.03		
"2012-11-18	13:00:00"	7.09	264.8	18.82	11.14	5.197	270.9	19.77	9.35	53.57	53.82	-0.253	84.7	85.2	26.469	117.68	0.02		
"2012-11-18	14:00:00"	6.758	328.3	60.47	14.12	4.624	331.9	60.39	11.74	54.66	54.85	-0.191	86.9	87.1	26.446	73.282	0.03		
"2012-11-18	15:00:00"	8.98	298.2	11.72	15.31	5.259	303.7	13.33	10.54	56.15	56.23	-0.073	87.5	87.8	26.448	53.294	0.09		
"2012-11-18	16:00:00"	5.796	226.8	34.01	12.33	4.579	231.8	38.26	11.14	56.74	56.89	-0.151	86.6	86.6	26.438	125.11	0.04		
"2012-11-18	17:00:00"	6.118	210.7	23.67	9.35	4.887	211.7	26.73	8.16	57.3	57.44	-0.144	87.1	86.9	26.444	60.852	0		
"2012-11-18	18:00:00"	6.313	182.4	11.26	9.95	4.603	182.6	15.54	8.16	56.68	56.67	0.008	88.9	88.5	26.449	18.464	0		
"2012-11-18	19:00:00"	6.288	163.3	9.22	11.74	4.335	162.8	11.18	9.95	56.02	55.85	0.168	88.5	88.2	26.456	0.0736	0		
"2012-11-18	20:00:00"	6.315	182	22.23	10.54	3.496	185.6	24.87	8.16	56.37	55.97	0.406	84.5	84.8	26.46	0	0		
"2012-11-18	21:00:00"	6.783	194.5	10.48	11.74	4.281	198.6	12.76	8.75	55.8	55.28	0.514	82.9	83.5	26.472	0	0		
"2012-11-18	22:00:00"	7.182	189.6	7.63	12.33	4.83	193.1	10.73	9.35	54.08	53.52	0.564	82.2	82.9	26.483	0	0		
"2012-11-18	23:00:00"	7.201	193.6	11.93	12.33	5.326	195.1	13.43	9.95	52.27	51.9	0.362	83.1	83.4	26.486	0	0		
"2012-11-19	00:00:00"	6.929	211.5	13.73	11.14	5.222	210.6	15.75	8.75	51.4	51.11	0.285	84.6	84.4	26.486	0	0		
"2012-11-19	01:00:00"	7.065	225.8	11.9	10.54	5.638	226.4	14.22	8.75	51.05	50.86	0.189	85.4	85.2	26.476	0	0		
"2012-11-19	02:00:00"	6.761	232.1	10.41	9.95	5.19	235	12.11	8.75	50.55	50.35	0.204	86.2	85.9	26.464	0	0		
"2012-11-19	03:00:00"	6.323	234.1	10.54	8.75	4.614	237.2	13.26	6.964	49.74	49.44	0.301	87.5	87.1	26.463	0	0		
"2012-11-19	04:00:00"	7.211	254.5	9.43	9.95	5.131	262.9	11.16	8.75	49.52	48.88	0.637	87.9	87.8	26.461	0.00451	0		
"2012-11-19	05:00:00"	6.934	262.4	7.349	11.14	4.392	271.4	9.03	9.35	50.31	49.52	0.789	86.4	86.6	26.468	0.00767	0.01		
"2012-11-19	06:00:00"	4.434	234.9	30.08	6.964	1	236.8	36.83	1	49.27	48.04	1.239	86.3	87.1	26.467	0.11629	0		
"2012-11-19	07:00:00"	3.953	232.3	10.99	5.771	1	240.6	18.72	1.596	48.32	47.46	0.857	89.1	89	26.475	0.43981	0		
"2012-11-19	08:00:00"	4.498	224.2	12.23	6.964	1.952	225.5	17.58	4.578	46.22	45.78	0.439	89.5	89.1	26.486	7.281	0		
"2012-11-19	09:00:00"	3.958	230.8	29	6.368	2.617	234.2	34.77	5.771	45.24	45.29	-0.043	89.9	89.6	26.507	116.2	0		
"2012-11-19	10:00:00"	5.743	256.9	18.3	10.54	4.285	260.3	19.82	9.35	51.39	51.56	-0.166	87.6	87.4	26.527	367.93	0		
"2012-11-19	11:00:00"	8.66	278.8	11.76	11.74	6.314	281.9	14.07	9.95	58.71	59.76	-1.056	70.78	69.37	26.535	495.61	0		
"2012-11-19	12:00:00"	10.46	304.8	13.13	15.91	6.955	308	14.65	13.52	64.27	65.41	-1.131	51.59	50.75	26.533	518.69	0		
"2012-11-19	13:00:00"	11.71	311.4	13.74	18.3	8.08	314.4	15.32	14.72	66.99	68.05	-1.059	39.3	38.88	26.51	476.67	0		
"2012-11-19	14:00:00"	9.64	307.3	16.63	16.51	6.693	309.5	16.91	13.52	68.24	69.16	-0.923	32.46	31.93	26.49	449.09	0		
"2012-11-19	15:00:00"	8.55	290.9	23.61	13.52	5.884	294	24.06	12.93	69.01	69.95	-0.944	29.49	28.65	26.476	443.68	0		
"2012-11-19	16:00:00"	8.58	265.8	20.58	16.51	6.569	269.8	21.35	14.12	68.77	69.19	-0.424	29.16	28.54	26.468	247.37	0		
"2012-11-19	17:00:00"	10.24	265.4	13.55	16.51	7.615	269.7	15.43	14.12	68.69	68.94	-0.255	28.52	27.95	26.471	223.61	0		
"2012-11-19	18:00:00"	9.02	275.3	10.79	14.72	5.937	280.2	12.27	12.33	67.14	66.26	0.879	30.54	31.21	26.487	47.31	0		
"2012-11-19	19:00:00"	6.69	273.3	9.88	9.35	3.444	285	19.21	7.561	64.19	60.79	3.396	34.7	39.95	26.498	0.05853	0		
"2012-11-19	20:00:00"	6.381	262.5	11.5	8.75	3.57	274.8	17.49	5.771	61.42	58.39	3.03	38.86	44.61	26.505	0	0		
"2012-11-19	21:00:00"	6.573	251.9	9.55	9.35	4.114	258	11.77	6.964	59.54	57.46	2.071	42.01	45.69	26.508	0	0		
"2012-11-19	22:00:00"	6.184	253.2	6.82	8.16	3.75	258.2	7.633	5.771	58.89	56.62	2.27	42.53	46.63	26.512	0	0		
"2012-11-19	23:00:00"	4.989	277.7	20.46	8.16	1.911	292.3	31.63	5.175	57.62	53.43	4.187	44	51.61	26.516	0	0		

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-20	00:00:00"	8.68	316.9	14.11	11.14	4.068	326.1	14.26	6.368	54.43	48.12	6.308	50.98	64.77	26.519	0
"2012-11-20	01:00:00"	10.34	318.1	5.392	12.33	5.562	323.8	7.317	7.561	52.13	47.08	5.046	55.34	67.43	26.521	0
"2012-11-20	02:00:00"	11.2	315	4.417	14.72	6.322	318.7	7.221	10.54	51.18	48.64	2.544	56.66	62.46	26.524	0
"2012-11-20	03:00:00"	10.66	315.8	5.142	13.52	6.148	319	7.504	9.35	51.31	49.01	2.304	55.95	60.66	26.52	0
"2012-11-20	04:00:00"	11.54	325.5	5.403	14.72	6.936	327.9	8.4	10.54	51.81	49.09	2.721	52.35	58.08	26.516	0
"2012-11-20	05:00:00"	10.89	326.1	4.234	12.93	6.353	327.2	7.276	8.75	50.51	47.6	2.911	47.92	54.77	26.51	0
"2012-11-20	06:00:00"	8.72	326.6	5.678	14.12	7.317	328.4	8.56	10.54	49.05	46.84	2.206	46.88	51.8	26.515	0
"2012-11-20	07:00:00"	11.28	327.1	5.272	14.12	7.042	329.8	7.84	9.95	47.13	44.73	2.402	49.02	54.43	26.522	0
"2012-11-20	08:00:00"	10.59	348	10.98	13.52	7.206	348	10.76	10.54	46.43	44.9	1.53	47.05	50.45	26.537	14.807
"2012-11-20	09:00:00"	10.74	2.917	11.83	14.72	7.982	359.4	12.4	12.93	48.52	48.16	0.359	42.38	43.57	26.563	148.92
"2012-11-20	10:00:00"	9.77	5.529	10.2	13.52	7.549	2.824	12.9	11.74	54.07	54.61	-0.534	34.81	34.49	26.582	309.31
"2012-11-20	11:00:00"	5.842	22.33	16.41	9.35	4.516	23.42	19.87	8.16	60.88	62.06	-1.186	28.8	27.95	26.587	516.99
"2012-11-20	12:00:00"	4.03	43.32	28.26	8.16	2.767	44.33	34.02	6.964	65.37	66.52	-1.15	23.39	21.97	26.577	631.66
"2012-11-20	13:00:00"	3.354	13.04	81.8	7.561	2.119	11.94	88.1	8.16	68.34	69.13	-0.788	18.8	17.26	26.552	662.87
"2012-11-20	14:00:00"	3.804	197.1	79.06	10.54	2.605	198.9	79.08	9.35	68.95	69.74	-0.784	16.43	15	26.528	601.21
"2012-11-20	15:00:00"	3.369	67.31	53.49	6.964	2.386	63.46	50.31	5.771	69.47	70.29	-0.815	16.47	14.91	26.508	489.89
"2012-11-20	16:00:00"	3.11	230.7	76.52	6.964	1.801	234.8	79.59	6.368	69.92	70.45	-0.53	16.4	15	26.499	354.74
"2012-11-20	17:00:00"	2.806	281.6	45.65	8.16	1.725	289.6	45.98	6.368	69.86	70.22	-0.358	16.02	14.73	26.497	196.83
"2012-11-20	18:00:00"	2.501	311	31.86	5.771	1.289	321.8	29.48	3.982	68.75	67.38	1.365	16.7	18.66	26.502	38.023
"2012-11-20	19:00:00"	5.726	23.76	10.84	6.964	3.186	14.69	9.8	4.578	64.56	57.42	7.139	20.43	31.39	26.514	0.05403
"2012-11-20	20:00:00"	7.207	56.41	7.958	9.35	3.955	45.26	11.11	6.368	63.33	56.81	6.527	20.18	29.72	26.522	0
"2012-11-20	21:00:00"	9.17	80.3	12.07	10.54	5.229	67.8	10.44	6.964	59.34	55.6	3.736	25.2	30	26.533	0
"2012-11-20	22:00:00"	9.68	113.4	5.437	11.14	5.031	102.1	11.4	6.964	56.59	52.82	3.766	31.09	36.55	26.538	0
"2012-11-20	23:00:00"	8.21	113.9	5.617	9.95	4.255	102.1	9.81	5.771	56.35	53	3.343	31.35	36.26	26.538	0
"2012-11-21	00:00:00"	8.74	111.4	6.978	10.54	4.305	98.1	10.87	6.368	55.44	51.53	3.908	31.4	37.65	26.533	0
"2012-11-21	01:00:00"	8.23	131.4	8.51	12.93	4.887	126.2	13.4	7.561	54.6	52.34	2.258	32.51	35.4	26.531	0
"2012-11-21	02:00:00"	7.95	117	10.07	9.95	4.44	102.2	18.32	6.964	53.05	50.2	2.849	35.9	40.4	26.525	0
"2012-11-21	03:00:00"	7.697	114.5	10.04	10.54	4.409	104	15.92	7.561	53.33	51.3	2.033	36.87	40.24	26.522	0
"2012-11-21	04:00:00"	7.864	110.8	7.391	10.54	5.003	104.2	9.39	7.561	53.55	52.15	1.401	38	39.87	26.512	0
"2012-11-21	05:00:00"	6.487	111.2	8.95	9.35	3.603	99.3	13.85	5.771	52.84	51.34	1.499	40.62	43.26	26.508	0
"2012-11-21	06:00:00"	4.9	102.1	17.16	9.35	2.48	80.5	35.76	5.771	52.04	50.83	1.209	44.27	46.3	26.508	0
"2012-11-21	07:00:00"	4.639	102	9.25	6.368	2.325	70.64	21.7	4.578	51.67	50.21	1.464	49.3	49.83	26.51	0
"2012-11-21	08:00:00"	6.229	128.6	13.58	9.35	3.322	118.2	20.63	6.368	52.98	51.62	1.365	63.6	62.45	26.512	7.056
"2012-11-21	09:00:00"	8.59	150.3	11.06	13.52	6.72	148.4	11.71	11.74	56.22	55.86	0.362	75.15	74.37	26.521	108.24
"2012-11-21	10:00:00"	12.65	169.8	9.35	18.89	10.08	168.9	11.5	16.51	60.68	60.64	0.039	70.35	69.41	26.528	186.69
"2012-11-21	11:00:00"	18.23	180.6	8.19	27.84	14.34	181.6	12.05	23.66	64.44	64.88	-0.433	57.72	55.86	26.529	426.11
"2012-11-21	12:00:00"	18.13	181.4	9.92	26.05	14.32	181.9	12.8	22.47	67.66	68.78	-1.121	47.07	44.16	26.515	501.22
"2012-11-21	13:00:00"	17.63	181.4	9.28	25.45	13.89	182.4	12.94	20.09	69.05	69.94	-0.892	41.37	38.97	26.484	413.36
"2012-11-21	14:00:00"	17.2	172.4	8.6	26.05	13.6	171.8	11.26	23.66	70.76	71.63	-0.872	35.78	33.73	26.449	425.89
"2012-11-21	15:00:00"	18.09	173.3	9.6	25.45	14.33	173.1	12.37	23.07	71.8	72.49	-0.692	34.89	32.94	26.427	405.08
"2012-11-21	16:00:00"	16.81	181.1	10.03	24.86	13.06	181.5	13.76	21.28	72.14	72.6	-0.457	36.09	34.28	26.417	267.74
"2012-11-21	17:00:00"	15.28	187.7	12.06	23.07	12.14	188.4	14.27	19.49	71.44	71.5	-0.064	38.47	36.99	26.418	149.99
"2012-11-21	18:00:00"	13.23	173.4	6.985	19.49	10.14	172.9	9.95	17.1	68.68	68.3	0.378	45.97	44.95	26.418	21.329
"2012-11-21	19:00:00"	9.3	162.8	8.37	14.12	7.196	161.6	9.24	11.14	65.46	64.9	0.56	52.41	51.95	26.419	0.02184
"2012-11-21	20:00:00"	9.47	159.2	8.97	15.31	7.47	158	10.01	11.74	64.2	63.67	0.53	54.63	54.25	26.414	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-21	21:00:00"	8.75	161.2	9.4	13.52	6.766	160.6	10.32	11.14	62.95	62.43	0.521	57.64	57.3	26.416	0
"2012-11-21	22:00:00"	11.63	168.6	8.35	19.49	9.07	168.4	10.16	14.72	62.59	62.19	0.402	63.27	62.72	26.422	0
"2012-11-21	23:00:00"	13.25	174.8	7.892	19.49	10.31	174.4	10.46	15.31	60.78	60.37	0.41	69.57	69.13	26.425	0
"2012-11-22	00:00:00"	10.26	185.4	9.73	18.3	7.876	187.9	13.22	15.91	59.05	58.67	0.381	73.17	72.75	26.416	0
"2012-11-22	01:00:00"	7.682	190.4	10.42	12.33	5.775	196.6	14.43	9.95	57.3	56.93	0.373	76.28	75.96	26.401	0
"2012-11-22	02:00:00"	6.653	196.1	11.9	10.54	4.923	198.8	14.3	8.16	56.56	56.15	0.403	77.08	76.87	26.382	0
"2012-11-22	03:00:00"	6.426	188.3	9.3	10.54	4.63	191.2	13	8.75	55.1	54.67	0.434	79.14	79.05	26.368	0
"2012-11-22	04:00:00"	7.506	194.8	14.23	14.72	5.616	197.9	16.01	11.74	53.65	53.38	0.27	80.9	80.5	26.37	0
"2012-11-22	05:00:00"	5.922	220.3	18.54	9.35	4.581	223.6	23.23	7.561	53.16	52.9	0.264	80.9	80.5	26.365	0
"2012-11-22	06:00:00"	5.46	222.7	26.07	8.16	3.805	227.8	32.36	6.964	53.12	52.48	0.638	80.9	81.2	26.363	0
"2012-11-22	07:00:00"	5.964	203.4	13.32	8.75	4.23	205.5	15.87	6.964	52.17	51.62	0.551	81.6	81.7	26.369	0
"2012-11-22	08:00:00"	7.108	203.2	11.37	9.95	5.094	204.6	12.12	7.561	51.15	50.63	0.52	82	82	26.378	4.4153
"2012-11-22	09:00:00"	6.439	210.7	12.63	9.35	5.204	215.2	15.89	8.16	51.96	52.05	-0.092	80.6	79.82	26.399	146.23
"2012-11-22	10:00:00"	8.48	212.8	12.3	12.93	7.022	215.3	15.7	12.33	55.94	56.46	-0.515	73.75	71.99	26.411	323.99
"2012-11-22	11:00:00"	8.92	218.9	16.76	13.52	7.455	220.1	19.66	11.74	61.26	61.97	-0.713	61.34	59.02	26.415	476.39
"2012-11-22	12:00:00"	10.15	252.9	14.63	15.91	8.21	258.8	17.05	13.52	66.88	68.01	-1.138	47.61	44.79	26.406	582.78
"2012-11-22	13:00:00"	9.85	268	15.06	17.1	7.584	271.5	17.56	14.12	70.46	72.04	-1.585	38.93	36.09	26.385	626.08
"2012-11-22	14:00:00"	10.29	270	17.42	17.7	7.548	274.5	20.19	15.91	73.6	75.17	-1.572	29.2	26.72	26.364	594.99
"2012-11-22	15:00:00"	11.53	269.1	16.63	18.89	8.47	273.8	18.44	17.1	74.58	76.04	-1.462	25.2	22.86	26.352	522.95
"2012-11-22	16:00:00"	10.8	266.8	15.39	17.7	8.06	271.6	17.17	17.1	75.55	76.65	-1.097	20.65	18.64	26.349	387.57
"2012-11-22	17:00:00"	9.64	279.4	9.18	14.72	6.578	283.3	11.05	12.93	75.69	76.27	-0.578	15.7	14.2	26.357	218.76
"2012-11-22	18:00:00"	5.083	263.9	9.18	8.75	2.251	267.8	11.93	6.964	74.37	73.32	1.048	17.3	16.95	26.368	41.997
"2012-11-22	19:00:00"	3.953	290.7	10.23	5.771	1.302	317.8	15.15	4.578	72.07	67.5	4.577	19.44	21.83	26.39	0.08361
"2012-11-22	20:00:00"	3.769	291.8	10.17	5.771	1.189	349.3	40.71	3.386	70.33	62.96	7.373	19.67	25.48	26.412	0
"2012-11-22	21:00:00"	4.399	300.6	20.28	15.31	1.566	352.9	19.02	12.33	68.93	62.45	6.477	20.09	24.39	26.43	0
"2012-11-22	22:00:00"	11.88	13.28	10.3	19.49	7.372	11.84	14.83	14.12	60.26	56.66	3.609	27.75	31.99	26.459	0
"2012-11-22	23:00:00"	14.79	34.26	9.47	23.07	11.09	34.93	12.81	19.49	57.89	56.64	1.251	27.31	27.67	26.485	0
"2012-11-23	00:00:00"	16.33	39.9	7.59	23.07	12.87	42.71	9.02	20.09	55.6	55.16	0.433	30.92	30.11	26.512	0
"2012-11-23	01:00:00"	16.21	37.28	6.786	25.45	12.98	39.93	8.55	23.66	52.91	52.4	0.516	34.93	34.23	26.535	0
"2012-11-23	02:00:00"	17.62	37.58	6.936	24.86	14.24	40.01	8.84	21.28	51.19	50.81	0.384	38.44	37.62	26.555	0
"2012-11-23	03:00:00"	19.16	37.23	6.374	26.65	15.54	39.87	8.5	23.07	49.64	49.4	0.233	41.87	40.76	26.581	0
"2012-11-23	04:00:00"	19.88	38.04	6.702	27.24	16.18	40.49	8.3	24.86	47.69	47.51	0.175	46.33	45.15	26.611	0
"2012-11-23	05:00:00"	19.3	37.07	6.648	29.03	15.74	39.62	8.66	25.45	46.11	46.01	0.097	46.28	45.14	26.633	0
"2012-11-23	06:00:00"	17.86	31.61	6.627	26.05	14.39	33.92	9.66	21.87	44.59	44.42	0.174	40.24	39.45	26.663	0
"2012-11-23	07:00:00"	19.23	31.36	6.393	26.05	15.57	33.49	9.26	21.87	43.13	43.18	-0.044	36.82	35.83	26.681	0
"2012-11-23	08:00:00"	19.86	28.71	6.353	26.65	16.11	30.23	9.86	24.26	42	42.38	-0.378	37.63	36.33	26.705	14.051
"2012-11-23	09:00:00"	20.9	30.99	7.149	30.82	16.94	33.26	10.24	25.45	43.18	43.76	-0.578	37.5	35.9	26.738	155.34
"2012-11-23	10:00:00"	21.95	39.11	9.1	33.8	17.83	41.61	11.31	27.84	45.85	46.92	-1.069	33.83	31.75	26.778	330.05
"2012-11-23	11:00:00"	20.04	50.13	11.29	30.22	15.9	52.77	13.04	25.45	48.46	49.62	-1.155	27.32	25.14	26.804	478.95
"2012-11-23	12:00:00"	17.35	54.12	12.24	26.65	13.85	57.42	13.68	23.66	50.77	52.31	-1.541	23.24	20.89	26.802	582.59
"2012-11-23	13:00:00"	15.12	62.28	13	26.05	12.26	65.12	13.89	21.87	52.78	54.39	-1.607	18.87	16.61	26.781	624.43
"2012-11-23	14:00:00"	13.4	61.11	15.56	21.28	11.02	63.64	16.43	20.09	54.24	55.95	-1.711	17.29	15.05	26.759	590.75
"2012-11-23	15:00:00"	13.39	66.14	15.66	21.87	10.87	68.89	16.67	18.3	55.45	56.82	-1.373	16.04	13.96	26.741	514.18
"2012-11-23	16:00:00"	11.64	74.29	15.32	19.49	9.58	76.79	15.97	18.3	55.87	56.97	-1.096	16.49	14.5	26.73	377.35
"2012-11-23	17:00:00"	10.65	77.28	11.6	15.91	8.56	77.85	12.51	14.12	55.6	56.33	-0.724	17.49	15.68	26.72	207.76

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-23	18:00:00"	8.82	72.47	8.42	14.72	6.591	73.19	9.9	12.93	53.64	53.52	0.12	19.36	18.08	26.718	38.744	0
"2012-11-23	19:00:00"	7.493	69.84	7.231	8.75	3.891	66.38	10.99	6.368	49.67	47.83	1.833	22.71	23.43	26.717	0.08646	0
"2012-11-23	20:00:00"	7.141	76.44	5.271	9.35	3.879	68.24	10.94	5.771	47	45.11	1.889	25.19	26.37	26.723	0	0
"2012-11-23	21:00:00"	6.914	81	3.054	7.561	4.185	66.07	8.36	6.368	45.42	43.58	1.84	26.83	28.04	26.73	0	0
"2012-11-23	22:00:00"	6.771	66.06	6.365	7.561	4.016	51.22	10.38	5.771	44.59	42.09	2.502	27.8	30.14	26.733	0	0
"2012-11-23	23:00:00"	6.453	78.96	13.41	8.16	3.775	60.51	16.53	5.175	43.42	40.96	2.467	29.35	31.87	26.725	0	0
"2012-11-24	00:00:00"	7.73	99.2	3.268	8.75	4.457	78.96	6.317	5.771	43.32	40.43	2.887	29.85	32.17	26.714	0	0
"2012-11-24	01:00:00"	7.963	93.8	6.353	8.75	4.759	76.42	7.621	6.368	42.53	39.39	3.14	31.08	34	26.705	0	0
"2012-11-24	02:00:00"	7.643	109.3	4.161	8.75	4.063	88.7	6.449	5.175	41.61	38.56	3.051	32	34.95	26.695	0	0
"2012-11-24	03:00:00"	7.049	120.3	6.89	9.35	3.368	109.4	13.43	5.175	39.17	36.6	2.568	35.56	38.67	26.679	0	0
"2012-11-24	04:00:00"	5.236	149.4	23.91	8.16	3.152	147.6	36.41	6.368	38.47	37.21	1.267	37.26	38.3	26.668	0	0
"2012-11-24	05:00:00"	4.064	190.3	9.42	6.964	1.968	202.7	15.43	3.982	37.98	37.08	0.895	37.62	38.01	26.654	0	0
"2012-11-24	06:00:00"	4.145	185.2	9.13	5.771	1.57	192.2	13.57	4.578	38.17	37.2	0.965	37.33	37.89	26.642	0	0
"2012-11-24	07:00:00"	4.446	200.2	8.6	6.368	2.578	200.3	11.56	4.578	37.89	37.06	0.829	37.41	37.75	26.645	0	0
"2012-11-24	08:00:00"	5.83	200.5	13.57	11.14	3.52	204.7	20.69	9.35	37.99	37.14	0.854	36.85	37.3	26.639	13.122	0
"2012-11-24	09:00:00"	7.709	191.5	12	13.52	5.991	194.6	14.58	11.14	39.28	39.47	-0.192	38.04	37.01	26.628	152.82	0
"2012-11-24	10:00:00"	11.59	197.5	11.26	21.87	9.52	198.5	12.9	18.3	45.24	46.07	-0.83	32.42	30.55	26.627	328.15	0
"2012-11-24	11:00:00"	13.62	204.2	12.52	22.47	11.18	205	14.97	18.89	49.11	50.51	-1.41	29.76	27.27	26.622	480.84	0
"2012-11-24	12:00:00"	14.73	201.9	14.11	23.07	11.98	201.8	16.02	19.49	52.96	54.69	-1.734	29.28	26.49	26.591	586.24	0
"2012-11-24	13:00:00"	14.58	203.3	14.97	22.47	12.03	203.6	16.87	20.09	55.86	57.67	-1.812	28.48	25.63	26.54	629.65	0
"2012-11-24	14:00:00"	14.22	209.5	15.01	25.45	11.76	209.4	17.76	21.28	58.28	59.96	-1.672	28.78	25.98	26.49	595.59	0
"2012-11-24	15:00:00"	13.29	210.2	15.64	20.68	10.95	210.5	18.37	18.3	60.57	61.56	-0.994	29.34	27.02	26.454	521.33	0
"2012-11-24	16:00:00"	13.13	211.7	14.79	21.28	10.84	210.9	17.04	18.3	62.55	63.41	-0.856	28.78	26.58	26.425	384.17	0
"2012-11-24	17:00:00"	11.48	210.9	13.45	18.3	9.2	209.4	16.32	17.1	63.42	63.89	-0.464	29.12	27.21	26.41	212.99	0
"2012-11-24	18:00:00"	10.55	197	12.04	15.91	8.38	198	12.96	14.12	61.59	61.51	0.081	31.21	29.79	26.396	40.047	0
"2012-11-24	19:00:00"	9.08	188.7	7.215	12.93	6.467	193	10.13	11.14	55.83	55.17	0.662	37.48	36.78	26.387	0.08576	0
"2012-11-24	20:00:00"	8.89	189.7	7.972	15.31	6.713	193.9	10.7	11.14	52.73	51.95	0.785	42.78	42.24	26.386	0	0
"2012-11-24	21:00:00"	7.217	205	12.24	11.74	5.072	205	12.27	8.75	51.34	50.64	0.696	46.31	45.58	26.383	0	0
"2012-11-24	22:00:00"	7.329	211.8	12.41	11.14	5.434	211.6	15.29	9.95	50.49	49.99	0.498	48.85	47.94	26.374	0	0
"2012-11-24	23:00:00"	8.3	212.7	12.52	12.33	6.233	214.9	15.26	11.14	49.14	48.71	0.429	51.62	50.76	26.368	0	0
"2012-11-25	00:00:00"	8.23	212.1	12.73	13.52	6.189	213.2	15.68	11.14	47.17	46.79	0.381	54.86	54.03	26.358	0	0
"2012-11-25	01:00:00"	8.09	207.7	12.1	11.74	6.24	203.2	12.42	9.95	45.72	45.38	0.348	57.61	56.71	26.345	0	0
"2012-11-25	02:00:00"	6.679	211.2	11.55	9.35	5.04	211.8	14.7	8.75	44.55	44.09	0.464	60.19	59.56	26.325	0	0
"2012-11-25	03:00:00"	7.358	226.2	12.28	9.95	5.818	230.1	13.59	8.75	43.61	43.29	0.322	61.94	61.12	26.313	0	0
"2012-11-25	04:00:00"	7.469	246.2	12.14	9.95	5.592	252.3	14.98	8.16	42.53	41.93	0.602	64.27	64.03	26.304	0	0
"2012-11-25	05:00:00"	7.174	222.4	11.43	9.95	5.725	219.9	11.96	8.75	42.04	41.66	0.382	65.18	64.56	26.295	0	0
"2012-11-25	06:00:00"	6.989	224.8	11.56	9.95	5.511	223.8	12.82	9.35	41.31	40.86	0.453	66.55	65.99	26.287	0	0
"2012-11-25	07:00:00"	6.669	234	9.38	9.35	5.084	240.4	11.78	8.16	41	40.4	0.609	67.97	67.65	26.289	0	0
"2012-11-25	08:00:00"	7.07	235.5	9.01	9.95	5.283	241.3	12.14	8.75	41.95	41.22	0.731	68.01	67.89	26.295	12.665	0
"2012-11-25	09:00:00"	6.661	231	10.77	9.35	5.516	233.1	13.64	8.75	43.31	43.2	0.107	67.18	66.33	26.307	151.69	0
"2012-11-25	10:00:00"	6.835	231.2	12.24	10.54	5.995	234	13.5	9.35	51.27	51.43	-0.155	54.41	52.98	26.316	329.1	0
"2012-11-25	11:00:00"	7.93	233.1	16.53	11.74	6.568	236.3	19.15	11.14	56.45	57.14	-0.689	46.94	44.57	26.318	482.62	0
"2012-11-25	12:00:00"	10.65	252.2	18.34	18.3	8.48	257.5	20.13	16.51	64.8	65.78	-0.983	34.54	32.31	26.298	589.56	0
"2012-11-25	13:00:00"	12.5	260.2	12.46	21.28	9.83	265.9	14.18	16.51	68.94	70.36	-1.422	26.98	24.54	26.27	633.26	0
"2012-11-25	14:00:00"	12.72	265.9	14.49	22.47	9.86	270.2	16.04	18.89	71.29	72.81	-1.514	22.39	19.98	26.238	598.7	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-25	15:00:00"	13.06	263.3	17.03	21.28	10.05	267.9	19.02	18.89	72.98	74.25	-1.273	19.78	17.55	26.219	523.67	0
"2012-11-25	16:00:00"	11.65	266.7	14.48	18.89	8.85	271.7	15.69	15.91	73.84	74.89	-1.046	18.43	16.35	26.208	384.64	0
"2012-11-25	17:00:00"	8.54	259.9	13.33	15.31	6.344	265	15.56	14.12	74.03	74.4	-0.365	16.8	15.07	26.204	214.23	0
"2012-11-25	18:00:00"	6.55	258.1	9.99	12.93	3.147	263.8	11.58	10.54	72.37	70.99	1.378	17.04	16.33	26.205	39.47	0
"2012-11-25	19:00:00"	4.442	261.3	20.47	7.561	1	287.7	55.46	1	70.22	66.39	3.829	18.27	19.26	26.21	0.05507	0
"2012-11-25	20:00:00"	6.413	250.3	20.5	12.33	1.892	249.4	24.49	8.75	65.52	63.36	2.158	22.55	22.58	26.224	0	0
"2012-11-25	21:00:00"	4.617	234.1	22.38	7.561	1.303	223.1	25.81	5.175	61.59	59.88	1.717	27.41	27.14	26.234	0	0
"2012-11-25	22:00:00"	5.785	248.9	20.18	12.93	2.596	243.5	30.17	9.35	59.36	57.59	1.774	31.17	31.28	26.242	0	0
"2012-11-25	23:00:00"	10.16	282.5	13.13	14.72	5.612	289.1	14.96	11.74	59.08	57.07	2.005	31.46	32.08	26.247	0	0
"2012-11-26	00:00:00"	10.55	299.6	5.697	13.52	4.736	306.2	9.29	8.16	55.47	52.9	2.567	34.23	35.87	26.246	0	0
"2012-11-26	01:00:00"	10.75	305.5	2.722	12.33	5.461	315	6.107	8.16	53.73	50.4	3.328	35.35	38.18	26.247	0	0
"2012-11-26	02:00:00"	10.81	304.5	3.956	12.93	5.179	313.8	6.951	6.964	54.2	49.64	4.56	34.33	38.69	26.243	0	0
"2012-11-26	03:00:00"	9.5	292.3	16.24	12.33	4.709	298.3	19.04	7.561	50.67	47.98	2.689	38.89	41.51	26.246	0	0
"2012-11-26	04:00:00"	5.465	225.4	19.32	9.35	3.65	225.7	27.86	6.964	48.4	46.83	1.567	43.22	44.13	26.256	0	0
"2012-11-26	05:00:00"	7.235	240.1	9.67	9.95	4.816	242.9	15.22	6.964	50.68	47.93	2.746	40.73	43.1	26.267	0	0
"2012-11-26	06:00:00"	8.71	273.6	10.36	10.54	4.882	272.2	13.9	6.964	51.64	47.92	3.72	38.76	43.03	26.279	0	0
"2012-11-26	07:00:00"	10.85	299.4	6.241	13.52	4.741	309.1	8.63	7.561	50.61	46.29	4.318	40.16	45.85	26.292	0	0
"2012-11-26	08:00:00"	10.88	304.5	5.605	13.52	5.246	307.6	8.33	9.35	49.2	47.47	1.738	41.8	43.44	26.31	11.398	0
"2012-11-26	09:00:00"	10.86	312.1	7.795	14.72	6.74	314.8	9.73	12.93	53.35	52.82	0.526	35.39	35.13	26.341	146.42	0
"2012-11-26	10:00:00"	13.57	321.7	7.981	20.68	10.07	323.5	9.78	17.7	61.86	62.54	-0.687	25.19	23.54	26.36	330.53	0
"2012-11-26	11:00:00"	16	324	7.534	22.47	12.19	325.7	9.73	19.49	66.28	67.46	-1.185	22.11	20.06	26.373	411.11	0
"2012-11-26	12:00:00"	12.67	325.6	9.56	20.09	9.54	326.6	11.45	17.1	70.12	71.21	-1.092	17.55	15.65	26.376	359.53	0
"2012-11-26	13:00:00"	15.18	12.04	20.05	21.87	12.12	12.54	22.43	18.89	69.78	70.61	-0.832	15.97	14.21	26.373	325.61	0
"2012-11-26	14:00:00"	15.69	36.99	11.56	21.87	12.73	39.42	13.63	19.49	66.6	67.43	-0.827	16.09	14.25	26.373	286.63	0
"2012-11-26	15:00:00"	16.73	46.69	10.63	24.26	13.48	49.95	12.63	20.68	64.21	65.23	-1.02	18.91	16.81	26.381	376.81	0
"2012-11-26	16:00:00"	18.54	44.6	9.19	24.26	14.73	47.72	11.23	23.07	61.74	62.41	-0.663	27.05	24.96	26.401	198.38	0
"2012-11-26	17:00:00"	19.32	53.69	9.42	27.24	14.81	57.18	11.48	23.07	60.82	61.3	-0.479	29.4	27.45	26.433	187.9	0
"2012-11-26	18:00:00"	18.4	50.07	9.39	29.03	14.25	53.2	10.91	25.45	57.62	57.54	0.084	32.23	30.76	26.461	33.831	0
"2012-11-26	19:00:00"	16.98	53.92	8.26	25.45	12.8	57.79	10.34	21.28	53.41	53.24	0.164	37.16	35.84	26.49	0.06037	0
"2012-11-26	20:00:00"	17.21	49.58	8.63	25.45	13.22	52.96	10.44	21.28	49.75	49.61	0.141	41.12	39.66	26.518	0	0
"2012-11-26	21:00:00"	16.28	55.05	8.84	23.07	12.3	59.02	10.85	20.09	46.48	46.41	0.072	43.64	42.06	26.549	0	0
"2012-11-26	22:00:00"	15.66	49.38	9.19	23.66	12.06	52.44	11.06	20.09	43.92	43.83	0.093	46.75	45.24	26.581	0	0
"2012-11-26	23:00:00"	11.79	33.72	10.23	19.49	9.4	35.32	12.52	17.1	41.65	41.47	0.179	50.84	49.58	26.631	0	0
"2012-11-27	00:00:00"	11.06	22.41	6.123	17.7	8.65	23.48	10.74	16.51	38.17	37.96	0.209	56.73	55.7	26.652	0	0
"2012-11-27	01:00:00"	14.49	23.1	6.96	21.28	11.57	23.64	12.08	18.3	37.43	37.43	-0.002	56.26	55.05	26.654	0	0
"2012-11-27	02:00:00"	11.71	23.64	8.13	19.49	9.38	24.62	12.23	15.31	35.41	35.47	-0.051	58.33	56.98	26.652	0	0
"2012-11-27	03:00:00"	9.07	16.02	6.585	12.93	6.955	13.71	12.31	11.14	33.44	33.23	0.203	58.87	58.1	26.661	0	0
"2012-11-27	04:00:00"	8.62	7.066	6.981	12.93	6.193	2.911	11.17	11.14	30.95	30.48	0.468	63.37	63.12	26.668	0	0
"2012-11-27	05:00:00"	8.24	14.85	5.785	11.74	6.126	10.64	11.25	9.95	29.89	29.62	0.271	65.44	64.82	26.664	0	0
"2012-11-27	06:00:00"	7.607	5.547	8.02	10.54	4.898	1.081	11.79	8.16	28.26	27.47	0.791	68.12	68.45	26.658	0	0
"2012-11-27	07:00:00"	8.81	10.57	5.773	11.74	6.252	7.093	11.15	8.75	28.03	27.54	0.491	67.97	68.05	26.664	0.00058	0
"2012-11-27	08:00:00"	6.396	348.7	9.62	8.75	4.168	344.7	9.19	6.964	26.8	26.03	0.767	69.37	69.97	26.675	9.5779	0
"2012-11-27	09:00:00"	4.808	343	12.19	6.964	4.053	342.6	13.86	6.368	30.26	30.79	-0.531	62.36	60.66	26.691	135.02	0
"2012-11-27	10:00:00"	2.13	232.1	85.3	4.578	2.004	214.8	88.7	5.175	35.15	35.62	-0.468	50.68	48.67	26.704	311.14	0
"2012-11-27	11:00:00"	4.269	213.4	32.93	9.35	3.768	212.6	36.68	8.16	39.05	39.91	-0.858	43.89	41.38	26.706	463.31	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-27	12:00:00"	6.56	234	18.97	11.74	5.686	239.2	22.26	10.54	42.57	44.2	-1.625	39.8	36.78	26.688	569.53		0
"2012-11-27	13:00:00"	7.044	224.3	22.24	12.93	5.961	226	25.66	12.33	46.78	48.58	-1.799	36.29	33.22	26.654	615.75		0
"2012-11-27	14:00:00"	7.164	211.6	22.92	13.52	5.984	213.3	27.61	11.74	50.11	51.42	-1.31	33.5	30.86	26.62	584.64		0
"2012-11-27	15:00:00"	7.585	201.8	24.06	14.12	6.28	202.8	28.42	12.93	52.65	53.98	-1.336	31.26	28.67	26.594	510.32		0
"2012-11-27	16:00:00"	9.1	194.1	15.65	15.31	7.281	195	19.39	12.93	54.62	55.67	-1.047	29.43	27.07	26.579	374.88		0
"2012-11-27	17:00:00"	9.57	196.5	13.67	15.31	7.467	197.1	15.92	13.52	54.74	55.46	-0.714	29.71	27.6	26.573	205.38		0
"2012-11-27	18:00:00"	8.87	197.5	10.66	12.93	6.584	198.4	12.72	11.14	53.47	53.4	0.073	31.52	30.07	26.572	37.135		0
"2012-11-27	19:00:00"	8.46	196.6	8.99	11.74	5.663	198.1	10.84	9.35	49.32	48.82	0.509	35.45	34.51	26.566	0.05962		0
"2012-11-27	20:00:00"	8.57	193.7	8.3	11.74	5.74	196.9	11.28	8.75	46.42	45.94	0.478	38.95	38.06	26.567	0		0
"2012-11-27	21:00:00"	8.47	193.9	8.1	12.33	5.798	196.6	11.45	9.35	43.93	43.48	0.452	42.68	41.71	26.57	0		0
"2012-11-27	22:00:00"	6.934	207	10.88	9.95	5.171	203.4	12.35	7.561	42.97	42.47	0.495	43.89	43.04	26.571	0		0
"2012-11-27	23:00:00"	6.86	218.3	12.8	10.54	5.54	215.6	13.89	9.35	41.62	41.4	0.223	45.03	43.74	26.568	0		0
"2012-11-28	00:00:00"	6.862	223.3	14.3	10.54	5.182	219.9	18.55	8.16	41.78	41.22	0.556	45.07	44.31	26.564	0		0
"2012-11-28	01:00:00"	7.061	234.7	11.1	11.14	5.274	240.1	14.79	8.16	42.34	41.65	0.696	44.47	44.02	26.562	0		0
"2012-11-28	02:00:00"	8.35	249.6	8.26	11.14	5.618	258.6	10.16	8.16	42.79	41.45	1.341	43.34	44.08	26.56	0		0
"2012-11-28	03:00:00"	7.543	246.9	11.87	9.95	5.484	254.4	14.79	8.16	42.35	41.4	0.949	43.59	43.64	26.564	0		0
"2012-11-28	04:00:00"	6.826	258.4	7.253	8.75	4.961	266.3	8.12	8.16	42.68	41.65	1.036	43.28	43.4	26.571	0		0
"2012-11-28	05:00:00"	5.433	261.5	5.324	7.561	3.265	287.6	6.45	5.771	42.68	38.32	4.351	43.67	49.51	26.562	0		0
"2012-11-28	06:00:00"	5.655	253.2	15.74	8.16	3.829	265.9	24.23	6.368	42.41	39.64	2.773	44.43	47.66	26.559	0		0
"2012-11-28	07:00:00"	6.08	266.5	10.4	8.16	3.842	287.7	7.067	5.771	40.56	35.8	4.758	48.01	54.82	26.562	0		0
"2012-11-28	08:00:00"	6.852	253.8	6.574	9.95	4.819	266.1	9.52	7.561	41.62	38.88	2.731	46.49	49.94	26.574	10.561		0
"2012-11-28	09:00:00"	5.595	242.6	13.85	7.561	4.208	250.8	17.57	6.368	42.17	41.8	0.372	47.37	46.91	26.588	145.72		0
"2012-11-28	10:00:00"	5.199	217.4	12.96	9.35	4.477	222.4	13.1	9.35	47.66	48.01	-0.351	43.33	41.57	26.598	321.53		0
"2012-11-28	11:00:00"	6.134	215.9	15.42	11.14	5.187	218	17.96	9.95	54.7	55.38	-0.679	35.73	33.85	26.602	473.54		0
"2012-11-28	12:00:00"	6.465	211.4	14.56	11.74	5.456	215.1	18.22	9.35	61.26	62.42	-1.164	29.65	27.33	26.59	576.36		0
"2012-11-28	13:00:00"	10.83	209.7	16.37	17.7	8.85	209.9	18.62	15.31	65.57	67.64	-2.077	31.08	27.95	26.563	616.12		0
"2012-11-28	14:00:00"	12	207.1	15.48	18.89	9.81	205.8	17.76	15.91	67.47	68.99	-1.518	30.53	27.78	26.532	583.2		0
"2012-11-28	15:00:00"	11.04	201.7	17.5	18.89	8.82	201.4	19.77	15.31	68.32	69.32	-0.996	28.25	25.96	26.508	416.45		0
"2012-11-28	16:00:00"	12.48	191.5	14.12	20.09	9.67	191.6	16.54	15.31	69.47	70.28	-0.815	25.11	22.99	26.496	398.1		0
"2012-11-28	17:00:00"	11.39	184.8	12.28	18.3	8.62	186.3	15.48	14.72	69.42	69.84	-0.427	24.89	23.04	26.482	229.51		0
"2012-11-28	18:00:00"	10.59	175.2	8.05	16.51	7.884	174.7	10.15	14.12	67.28	66.67	0.615	25.21	24.11	26.477	32.45		0
"2012-11-28	19:00:00"	7.228	158.1	11.29	11.74	4.414	150.9	14.47	7.561	62.4	61.07	1.331	28.99	28.58	26.485	0.0114		0
"2012-11-28	20:00:00"	8.17	145.5	8.44	14.72	5.105	141.9	11.56	11.74	59.45	57.89	1.558	32.15	32.22	26.483	0		0
"2012-11-28	21:00:00"	9.71	160.4	10.55	15.91	7.407	160.5	11.19	12.33	56.2	55.71	0.492	38.06	36.92	26.489	0		0
"2012-11-28	22:00:00"	6.371	179.8	9.85	10.54	4.007	179.1	11.86	8.16	52.15	51.44	0.708	46.56	45.45	26.493	0		0
"2012-11-28	23:00:00"	7.971	182.8	8.95	12.33	5.472	186.6	12.38	9.35	50.38	49.75	0.63	56.8	55.76	26.492	0		0
"2012-11-29	00:00:00"	7.616	185.6	9.35	11.74	5.305	189.8	13.03	8.75	48.86	48.33	0.533	63.16	62.45	26.483	0		0
"2012-11-29	01:00:00"	7.272	198.2	11.35	9.95	4.988	203.8	12.28	7.561	47.19	46.68	0.516	67.13	66.49	26.473	0		0
"2012-11-29	02:00:00"	6.855	205.2	11.36	9.95	5.026	205.5	11.91	7.561	46.62	46.22	0.4	68.79	68.09	26.469	0		0
"2012-11-29	03:00:00"	6.729	217	13.23	9.95	5.208	217.8	15.28	8.16	46.05	45.72	0.335	69.63	68.9	26.465	0		0
"2012-11-29	04:00:00"	7.107	235.1	11.7	9.95	5.323	240.7	14.82	8.16	45.62	45.02	0.6	70.75	70.38	26.461	0		0
"2012-11-29	05:00:00"	6.942	208.4	12.64	10.54	5.2	208.4	14.59	9.35	45.1	44.63	0.468	71.88	71.41	26.445	0		0
"2012-11-29	06:00:00"	6.39	218.9	13.33	9.35	4.839	221.4	14.81	7.561	44.43	44.01	0.423	73.83	73.29	26.436	0		0
"2012-11-29	07:00:00"	7.042	223.6	10.91	9.95	5.95	222.1	11.54	8.16	43.8	43.53	0.266	75.55	74.74	26.437	0		0
"2012-11-29	08:00:00"	7.081	217	12.02	10.54	5.743	219	11.77	8.75	42.9	42.63	0.266	77.59	76.88	26.436	8.649		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-11-29	09:00:00"	7.591	229	11.86	12.93	6.275	230.9	13.39	11.14	43.6	43.62	-0.015	77.34	76.27	26.447	130.03	0
"2012-11-29	10:00:00"	9.11	218.8	13.08	14.12	7.563	219.9	14.43	13.52	47.71	48.14	-0.428	69.3	67.37	26.461	299.75	0
"2012-11-29	11:00:00"	8.74	237	14.39	14.12	7.384	240.3	16.7	12.33	53.6	54.32	-0.714	58.01	55.53	26.464	450.73	0
"2012-11-29	12:00:00"	8.04	247.9	17.97	14.72	6.636	250	21.47	14.72	61.71	62.66	-0.953	43.32	40.81	26.459	556.57	0
"2012-11-29	13:00:00"	10.6	262.7	15.83	17.1	8.36	267	17.52	15.91	68.18	69.6	-1.42	32.13	29.54	26.432	604.49	0
"2012-11-29	14:00:00"	10.95	252.7	17.33	20.09	8.7	257.2	20.1	16.51	70.9	72.27	-1.369	26.34	23.87	26.4	575.86	0
"2012-11-29	15:00:00"	10.39	238	15.83	18.3	8.6	241.6	18.76	17.7	72.18	73.11	-0.924	23.85	21.66	26.375	504.57	0
"2012-11-29	16:00:00"	12.52	242.3	18.08	27.24	10.18	246.5	21.5	26.05	72.72	73.42	-0.698	21.99	19.92	26.366	371.62	0
"2012-11-29	17:00:00"	11.36	248.2	12.22	17.1	9.04	253.3	14.71	14.72	72.45	72.75	-0.295	21.39	19.57	26.366	205.01	0
"2012-11-29	18:00:00"	6.905	240.2	11.58	14.72	5.009	243.8	15.2	13.52	70.24	69.47	0.767	22.47	21.34	26.369	36.9	0
"2012-11-29	19:00:00"	7.107	256	10.08	11.14	4.391	265.4	9.45	8.16	67.01	65.2	1.814	25.39	25.07	26.375	0.05441	0
"2012-11-29	20:00:00"	6.319	259.3	23.35	9.95	3.266	265.6	40.84	6.964	64.45	60.8	3.647	28.05	29.49	26.386	0	0
"2012-11-29	21:00:00"	3.897	209.2	25.78	6.368	2.14	197.7	34.4	4.578	58.86	56.61	2.252	32.6	33.26	26.397	0	0
"2012-11-29	22:00:00"	3.408	251.5	24.64	5.175	1.453	287.4	50.24	3.386	59.84	55.99	3.856	31.7	33.69	26.403	0	0
"2012-11-29	23:00:00"	6.329	185.9	19.65	13.52	4.101	189.1	31.4	11.14	56.34	54.48	1.868	38.34	38.5	26.411	0	0
"2012-11-30	00:00:00"	6.909	216.3	12.51	10.54	5.179	219.1	14.49	9.35	52.67	52.13	0.541	51.29	50.02	26.416	0	0
"2012-11-30	01:00:00"	6.704	227.4	13.45	10.54	4.978	232.6	17.07	9.35	51.12	50.44	0.681	56.27	55.32	26.411	0	0
"2012-11-30	02:00:00"	7.517	234	12.27	11.74	5.742	239.1	14.97	9.35	48.99	48.48	0.518	63.44	62.51	26.406	0	0
"2012-11-30	03:00:00"	6.496	235.3	11.02	9.95	4.807	238.6	13.9	8.16	47.46	46.89	0.571	67.17	66.49	26.405	0	0
"2012-11-30	04:00:00"	6.258	238.2	8.16	8.75	4.665	245.1	9.82	6.964	45.94	45.34	0.594	73.06	72.04	26.403	0	0
"2012-11-30	05:00:00"	6.322	237.6	8.95	9.35	4.749	243.1	10.37	8.16	44.93	44.42	0.51	77.41	76.49	26.403	0	0
"2012-11-30	06:00:00"	5.034	232.6	14.11	8.16	3.366	232.4	21.75	5.771	44.17	43.33	0.842	78.73	77.98	26.404	0	0
"2012-11-30	07:00:00"	5.787	243.2	10.79	8.16	3.888	246.6	15.63	5.771	44.63	43.65	0.987	79.7	79.07	26.409	0	0
"2012-11-30	08:00:00"	5.789	242.7	17.88	7.561	3.689	244.8	24.19	5.771	45.63	44.09	1.54	71.06	72.81	26.419	8.8166	0
"2012-11-30	09:00:00"	5.744	224.3	36.37	9.95	3.738	224.8	42.66	8.16	45.77	44.58	1.197	67.02	71.59	26.434	136.89	0
"2012-11-30	10:00:00"	5.384	218	14.56	8.16	4.623	220.7	16.84	7.561	50.17	50.49	-0.324	54.93	53.56	26.444	311.28	0
"2012-11-30	11:00:00"	6.237	242.3	12.39	10.54	5.204	247	13.23	8.75	59.86	60.48	-0.628	35.15	33.48	26.446	465.21	0
"2012-11-30	12:00:00"	7.307	242.3	14.05	14.12	6.02	246.6	15.78	12.93	66.23	67.05	-0.812	26.9	24.96	26.432	573.18	0
"2012-11-30	13:00:00"	8.18	254.8	19.31	14.72	6.478	258.5	21.48	11.74	69.93	71.09	-1.159	22.57	20.39	26.408	618.1	0
"2012-11-30	14:00:00"	8.86	257.7	22.54	16.51	6.815	260.7	24.39	13.52	72.01	73.44	-1.434	20.56	18.24	26.377	585.71	0
"2012-11-30	15:00:00"	9.04	236.7	17.32	15.91	7.365	239.8	21.58	14.72	73.48	74.41	-0.936	19.28	17.18	26.353	514.53	0
"2012-11-30	16:00:00"	9.39	219.4	19.57	17.7	7.531	220.6	22.99	15.31	74.74	75.37	-0.629	18.08	16.13	26.342	383.74	0
"2012-11-30	17:00:00"	8.83	203.7	14.04	13.52	7.019	203.3	15.76	11.74	74.34	74.38	-0.044	18.52	16.85	26.341	182.79	0
"2012-11-30	18:00:00"	7.083	194.9	10.42	12.93	4.605	195.3	12.06	9.95	72.04	71.01	1.031	18.98	18	26.341	42.573	0
"2012-11-30	19:00:00"	7.14	194	10.52	10.54	3.894	198.1	12.3	6.964	66.96	65.43	1.527	22.37	21.79	26.344	0.07787	0
"2012-11-30	20:00:00"	7.717	218.9	18.59	11.74	5.225	223	19.6	9.35	62.7	61.69	1.005	24.78	23.96	26.348	0	0
"2012-11-30	21:00:00"	8.09	241.4	6.338	11.14	5.541	249.2	10.13	8.75	61.06	59.46	1.6	25.98	25.63	26.352	0	0
"2012-11-30	22:00:00"	6.446	241.5	10.34	10.54	4.235	251.1	14.93	6.964	58.97	56.85	2.112	28.27	28.49	26.359	0	0
"2012-11-30	23:00:00"	6.463	229.5	27.82	8.16	4.021	233.5	33.79	6.368	57.26	55.01	2.252	29.73	30.3	26.364	0	0
"2012-12-01	00:00:00"	7.881	192	15.77	11.14	5.199	191.7	18.45	8.16	52.19	50.64	1.547	34.41	34.66	26.368	0	0
"2012-12-01	01:00:00"	6.02	198.9	21.83	11.14	4.03	194.2	23.93	8.16	51.59	50.62	0.972	37.01	36.26	26.364	0	0
"2012-12-01	02:00:00"	5.977	210.3	20.2	9.35	4.046	209.2	20.71	7.561	49.59	48.54	1.047	46.88	46.51	26.359	0	0
"2012-12-01	03:00:00"	6.254	232.4	13.25	9.35	4.316	235.9	17.34	6.964	49.59	48.45	1.142	54.44	53.33	26.355	0	0
"2012-12-01	04:00:00"	6.547	244.5	11.45	9.35	4.372	253.5	14.64	6.964	49.12	47.57	1.548	53.68	55.24	26.348	0	0
"2012-12-01	05:00:00"	6.063	251.4	14.93	8.75	3.165	248	31.98	6.368	49.17	46.1	3.071	40.33	44.86	26.342	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-01	06:00:00"	6.63	269	14.44	9.35	2.959	275.8	17.02	5.175	48.45	44.64	3.811	39.7	44.58	26.339	0
"2012-12-01	07:00:00"	6.196	242.4	17.62	9.35	3.752	244.1	26.61	7.561	47.48	44.69	2.782	40.61	43.44	26.349	0
"2012-12-01	08:00:00"	4.772	226.2	18.98	7.561	2.092	226.1	34.73	5.771	46.19	43.85	2.342	42.21	44.5	26.366	11.154
"2012-12-01	09:00:00"	4.236	189.1	13.33	6.368	1.688	178.6	24.24	3.982	47.94	46.22	1.725	40.23	42.34	26.382	133.11
"2012-12-01	10:00:00"	4.796	217.7	17.48	8.16	3.288	217	20.78	7.561	53.93	54.02	-0.09	34.87	34	26.395	316.3
"2012-12-01	11:00:00"	7.168	222.9	16.95	11.14	5.967	224.5	19.17	11.14	60.76	61.41	-0.657	27.24	25.45	26.402	472.69
"2012-12-01	12:00:00"	6.912	232.9	18.88	11.14	5.778	235.9	21.61	11.14	66.55	67.47	-0.922	23.16	21.16	26.394	556.62
"2012-12-01	13:00:00"	11.09	251.4	15.01	20.09	8.89	255.9	17.87	17.1	72.81	73.85	-1.034	16.4	14.43	26.37	571.91
"2012-12-01	14:00:00"	14.11	261.4	13.66	24.86	11.2	266.5	15.73	20.09	75.69	76.93	-1.241	15.11	12.99	26.345	560
"2012-12-01	15:00:00"	16.28	274.8	11.06	23.66	12.05	279.2	12.8	20.68	76.81	78	-1.191	13.71	11.63	26.332	475.94
"2012-12-01	16:00:00"	10.58	237.4	24.83	18.3	8.5	239.8	28.21	15.31	77.44	78.1	-0.661	12.63	10.72	26.324	381.49
"2012-12-01	17:00:00"	11.69	270.1	11.93	19.49	8.73	275.1	13.45	18.3	77.19	77.48	-0.294	12.03	10.29	26.323	213.32
"2012-12-01	18:00:00"	7.138	282	5.32	14.12	2.984	291.4	12.14	11.74	74.58	72.54	2.04	14	13.38	26.325	36.919
"2012-12-01	19:00:00"	2.338	246.6	24.02	4.578	1	65.26	71.94	1	70.5	66.6	3.894	16.19	16.44	26.326	0.06838
"2012-12-01	20:00:00"	3.119	232	54.91	8.16	1.28	1.301	86.7	4.578	66.65	61.97	4.685	18.68	19.59	26.344	0
"2012-12-01	21:00:00"	5.051	257.3	35.42	9.35	1.972	271.2	78.64	5.771	65.25	60.11	5.141	20.19	21.73	26.356	0
"2012-12-01	22:00:00"	7.349	284.6	12.98	14.12	3.081	301.6	23.74	9.95	63.96	57.15	6.81	21.14	24.45	26.364	0
"2012-12-01	23:00:00"	4.805	319.3	20.2	8.75	1.935	349.9	27.28	6.964	59.3	55.71	3.599	24.28	25.51	26.378	0
"2012-12-02	00:00:00"	7.673	175.6	84.4	14.12	3.926	150.4	91.5	10.54	57.49	51.43	6.063	26.16	29.8	26.389	0
"2012-12-02	01:00:00"	6.798	178.4	10.89	11.74	3.499	178.4	15.45	8.16	54.76	53.28	1.486	53.06	50.51	26.389	0
"2012-12-02	02:00:00"	6.993	185.1	17	11.14	4.789	187.3	22.28	7.561	52.73	51.61	1.122	71.66	71.11	26.383	0
"2012-12-02	03:00:00"	3.899	241.5	13.28	6.368	2.26	261.4	25.32	5.175	51.85	50.15	1.702	75.65	76.67	26.385	0
"2012-12-02	04:00:00"	4.477	235.1	11.06	6.368	2.684	243.3	21.58	4.578	50.48	48.83	1.651	76.68	77.06	26.381	0
"2012-12-02	05:00:00"	4.774	268.8	9.29	6.964	2.833	297.5	17.11	4.578	49.27	44.66	4.612	80.2	83.1	26.376	0
"2012-12-02	06:00:00"	2.972	238	55.92	5.771	2.557	339.2	44.54	6.368	48.64	43.02	5.621	81.3	85.3	26.379	0.17445
"2012-12-02	07:00:00"	2.298	266	39.64	5.771	2.757	332.4	62.48	4.578	46.67	40.98	5.688	81.6	81.5	26.388	0.34479
"2012-12-02	08:00:00"	7.59	320.1	21.53	12.93	4.511	332.1	17.63	8.16	46.77	37.71	9.06	42.81	66.84	26.404	8.6368
"2012-12-02	09:00:00"	7.958	339.8	6.97	11.74	5.193	341	10.07	7.561	48.32	46.75	1.57	35.96	41.3	26.418	136.8
"2012-12-02	10:00:00"	5.266	317.8	34.07	9.95	4.213	317.6	37.41	8.16	61.66	62.18	-0.52	19.4	18.21	26.426	324.29
"2012-12-02	11:00:00"	2.652	196.8	50.89	5.175	2.43	191	41.62	5.175	66.66	66.9	-0.237	17.12	16.05	26.422	452.39
"2012-12-02	12:00:00"	4.81	215.1	24.86	10.54	4.29	215.2	27.58	10.54	71.84	72.39	-0.555	14.59	12.9	26.412	582.42
"2012-12-02	13:00:00"	8.48	213.5	17.07	13.52	7.109	216.2	20.62	12.33	71.98	73.02	-1.046	15.55	13.55	26.393	623.92
"2012-12-02	14:00:00"	10.21	203.4	16.33	15.91	8.38	205	19.45	14.72	73.61	74.65	-1.036	13.77	11.76	26.364	568.77
"2012-12-02	15:00:00"	12.66	194	16.01	18.89	10.08	195	18.59	17.7	74.19	75.07	-0.877	13.9	11.9	26.341	469
"2012-12-02	16:00:00"	12.83	193.1	12.53	19.49	10.11	194.2	14.64	16.51	74.57	75.1	-0.522	16.66	14.73	26.325	327.62
"2012-12-02	17:00:00"	11.37	211.2	13.42	19.49	9.24	210.4	15.47	16.51	75.63	75.72	-0.085	15.32	13.57	26.319	179.03
"2012-12-02	18:00:00"	9	198.2	8.79	13.52	6.669	199.1	10.48	10.54	73.22	72.58	0.639	16.29	14.89	26.315	45.06
"2012-12-02	19:00:00"	8.29	201.1	20.52	13.52	5.638	207.2	24.34	11.14	66.32	65.16	1.157	19.97	18.99	26.319	0.06254
"2012-12-02	20:00:00"	5.832	209.5	15.53	9.95	3.726	214.7	18.91	8.16	63.4	62.61	0.79	22.01	20.91	26.32	0
"2012-12-02	21:00:00"	6.583	192.3	9.89	10.54	4.18	190.8	11.89	6.368	60.23	59.05	1.182	25.87	24.96	26.323	0
"2012-12-02	22:00:00"	6.801	209.1	13.9	11.74	5.027	208.2	15.62	9.35	57.46	56.82	0.638	37.25	35.7	26.328	0
"2012-12-02	23:00:00"	9.53	208.2	12.47	15.31	7.45	204	13.41	12.33	55.46	55.02	0.447	55.64	53.92	26.322	0
"2012-12-03	00:00:00"	6.449	229.3	19.68	15.31	6.661	235.3	24.9	12.93	54.36	54.03	0.325	70.53	69.41	26.328	0
"2012-12-03	01:00:00"	7.444	208.5	16.6	11.14	5.568	210.4	18.41	8.75	52.16	51.7	0.451	76.79	75.35	26.328	0
"2012-12-03	02:00:00"	8.31	200.9	11.16	13.52	6.39	201.7	12.25	11.14	51.93	51.86	0.072	87.8	86.7	26.32	0.03748

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-03	03:00:00"	8.89	197.9	11.65	14.72	7.098	198.1	12.31	11.74	51.37	51.48	-0.118	90.1	89.3	26.314	1.2314	0	
"2012-12-03	04:00:00"	8.34	204.3	10.46	12.93	6.735	203.5	12.31	11.14	50.31	50.44	-0.134	90.4	89.6	26.31	1.3974	0	
"2012-12-03	05:00:00"	8.07	202.7	12.24	12.33	6.364	203.1	13.87	11.14	49.13	49.25	-0.121	90.5	89.7	26.3	1.3852	0	
"2012-12-03	06:00:00"	7.905	200.2	10.66	12.33	6.094	202.2	12.16	10.54	48.36	48.44	-0.086	90.6	89.8	26.291	1.3805	0	
"2012-12-03	07:00:00"	9.02	198.8	11.43	14.72	6.875	201.2	13.62	11.14	49.69	49.72	-0.032	91.1	90.3	26.294	1.3804	0	
"2012-12-03	08:00:00"	7.328	220.5	12.88	10.54	5.898	222.5	15.58	9.95	49.02	49.08	-0.063	90.8	90	26.316	5.7088	0	
"2012-12-03	09:00:00"	6.546	215.5	12.86	11.14	5.297	216.9	14.83	10.54	47.55	47.69	-0.139	90.8	90.1	26.329	116.19	0	
"2012-12-03	10:00:00"	7.888	227.7	11.84	13.52	6.596	229.2	14.34	11.14	51.6	51.24	0.368	81.4	81.8	26.348	305.58	0	
"2012-12-03	11:00:00"	10.04	229.4	16.45	15.91	8.63	232.1	20.04	15.31	58.85	59.29	-0.439	51.44	49.93	26.363	453.17	0	
"2012-12-03	12:00:00"	15.56	264.5	17.3	24.86	11.86	268.1	18.93	23.07	68.65	69.63	-0.987	22.74	21.14	26.358	560.83	0	
"2012-12-03	13:00:00"	14.31	278.9	12.2	21.87	10.44	283.8	13.7	18.89	72.04	73.76	-1.724	15.01	13.03	26.335	608.64	0	
"2012-12-03	14:00:00"	11.21	298.9	16.49	19.49	7.652	301.6	17.85	15.31	73.44	75.22	-1.774	14.89	12.74	26.312	575.71	0	
"2012-12-03	15:00:00"	9.86	289.4	21.91	17.7	7.105	292.7	22.09	15.91	74.09	75.73	-1.634	14.57	12.4	26.302	508.27	0	
"2012-12-03	16:00:00"	6.692	262.8	20.46	14.72	4.888	267.5	24.05	11.74	74.24	75.18	-0.935	14.43	12.5	26.299	332.52	0	
"2012-12-03	17:00:00"	5.799	249.4	19.46	11.74	4.356	252.6	21.15	9.95	73.99	74.05	-0.062	14.45	12.89	26.297	140.84	0	
"2012-12-03	18:00:00"	5.713	299.1	21.26	8.16	3.633	304.6	22.3	5.771	72.46	71.04	1.425	16.23	15.47	26.3	48.078	0	
"2012-12-03	19:00:00"	6.969	337.2	15.93	11.74	3.297	345.4	16.93	6.368	66.41	62.16	4.246	20.45	21.47	26.317	0.05392	0	
"2012-12-03	20:00:00"	10.85	341	10.53	15.31	6.487	344.9	15.1	11.74	60.25	56.68	3.57	27.39	28.67	26.34	0	0	
"2012-12-03	21:00:00"	12.32	331.5	6.418	16.51	8.19	332.6	8.65	11.74	61.68	59.78	1.899	27.11	27.14	26.366	0	0	
"2012-12-03	22:00:00"	11.61	333.7	6.412	15.31	7.627	335	8.4	11.74	58.58	56.66	1.918	29.95	30.18	26.378	0	0	
"2012-12-03	23:00:00"	11.99	340.3	6.497	15.31	8.07	340.2	8.99	11.74	58.94	57	1.939	30.05	30.28	26.393	0	0	
"2012-12-04	00:00:00"	12.37	345.5	7.779	18.3	8.17	344.3	9.3	14.12	58.31	56.19	2.113	31.73	32.22	26.407	0	0	
"2012-12-04	01:00:00"	13.12	13.9	10.68	18.3	9.75	11.91	15.19	14.12	52.12	51.42	0.702	37.54	37.01	26.419	0	0	
"2012-12-04	02:00:00"	11.35	41.02	8.22	16.51	8.25	42.61	10.4	14.12	49.89	49.19	0.703	42.61	41.86	26.435	0	0	
"2012-12-04	03:00:00"	11.02	36.86	13.71	15.91	7.718	36.56	17.9	13.52	48.7	47.66	1.04	45.57	45.51	26.454	0	0	
"2012-12-04	04:00:00"	8.55	31.12	8.96	14.12	5.787	24.52	18.55	11.14	46.92	45.45	1.464	49.4	50	26.47	0	0	
"2012-12-04	05:00:00"	13.92	20.93	5.888	21.28	10.44	20.16	11.25	17.1	43.79	43	0.785	55.38	55.33	26.48	0	0	
"2012-12-04	06:00:00"	14.58	26.81	6.181	19.49	11.45	29.05	9.44	15.91	43.37	43.06	0.308	56.89	55.96	26.496	0	0	
"2012-12-04	07:00:00"	15.04	26.69	5.945	20.09	11.91	28.72	9.04	17.1	42.77	42.51	0.262	60.13	59.2	26.527	0	0	
"2012-12-04	08:00:00"	12.23	15.15	7.657	16.51	9.33	12.7	13.66	14.72	41.2	40.93	0.262	62.22	61.43	26.564	7.3396	0	
"2012-12-04	09:00:00"	12.7	15.12	6.93	17.7	10	13.33	13.48	15.31	43.02	43.19	-0.174	60.09	58.39	26.598	122.84	0	
"2012-12-04	10:00:00"	12.39	22.89	8.57	16.51	10.1	24.12	12.34	14.12	48.31	49.22	-0.909	52.6	49.69	26.631	281.92	0	
"2012-12-04	11:00:00"	12.01	42.54	11.89	16.51	9.84	45.17	14.32	16.51	52.3	53.65	-1.347	47.12	43.48	26.648	445.36	0	
"2012-12-04	12:00:00"	9.38	40.71	16.46	16.51	7.74	42.56	19.28	15.31	54.64	56.26	-1.623	43.67	39.79	26.651	542.06	0	
"2012-12-04	13:00:00"	6.961	26.12	21.18	12.33	5.559	26.43	25.89	11.14	57.11	59.09	-1.974	40.22	36.56	26.639	587.1	0	
"2012-12-04	14:00:00"	5.339	31.91	31.03	11.14	4.186	34.13	37.2	9.95	59.17	61.07	-1.898	37.51	34.15	26.625	560.99	0	
"2012-12-04	15:00:00"	5.371	39.08	43.16	10.54	4.345	41	48.42	9.35	60.75	62.11	-1.36	35.49	32.73	26.607	406.88	0	
"2012-12-04	16:00:00"	6.909	39.09	23.24	12.33	5.473	40.4	26.79	12.33	61	62.2	-1.206	34.82	32.12	26.604	268.13	0	
"2012-12-04	17:00:00"	7.503	32.07	17.35	11.74	5.74	34.9	21.11	10.54	60.77	61.35	-0.58	34.66	32.57	26.606	149.98	0	
"2012-12-04	18:00:00"	6.41	43.33	7.933	9.35	4.314	46.43	9.95	8.75	59.13	58.81	0.327	35.93	34.73	26.607	15.46	0	
"2012-12-04	19:00:00"	4.717	47	18.15	8.16	1.534	39.55	30.62	5.175	56.96	54.95	2.008	37.97	38.4	26.607	0.023	0	
"2012-12-04	20:00:00"	4.557	59.55	14	6.368	1.052	50.31	21.3	3.982	57.03	52.76	4.275	37.84	40.92	26.611	0	0	
"2012-12-04	21:00:00"	7.028	76.22	9.16	9.35	3.69	63.6	11.22	5.771	54.6	50.43	4.165	39.24	43.9	26.606	0	0	
"2012-12-04	22:00:00"	7.082	96	5.108	9.35	3.47	70.86	7.447	6.368	52.67	49.16	3.51	38.81	42.45	26.61	0	0	
"2012-12-04	23:00:00"	5.383	112.2	7.02	7.561	1.555	74.84	16.73	4.578	51.66	48.38	3.285	37.83	41.7	26.617	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-05	00:00:00"	6.771	118.4	3.482	8.16	2.708	90.4	7.09	5.175	50.47	46.68	3.797	37.43	41.76	26.616	0
"2012-12-05	01:00:00"	7.232	125.8	7.585	9.35	1.543	104.5	14.12	5.175	48.23	43.73	4.499	37.96	43.86	26.607	0
"2012-12-05	02:00:00"	5.365	154.8	14.66	7.561	2.238	151.2	22.46	4.578	47.63	45.73	1.899	37.28	38.72	26.6	0
"2012-12-05	03:00:00"	3.808	174.3	12.68	5.175	1	185.8	32.07	1	46.16	44.69	1.464	38.9	39.59	26.596	0
"2012-12-05	04:00:00"	3.748	172.3	10.8	5.771	1.007	129.8	33.41	2.789	46.13	43.48	2.657	38.97	41.33	26.585	0
"2012-12-05	05:00:00"	3.622	211.5	13.79	5.771	1	223.6	21.19	1.596	45.81	44.45	1.356	39.96	40.21	26.577	0
"2012-12-05	06:00:00"	5.22	174.7	10.74	8.16	1.711	169	12.12	5.771	45	43.19	1.804	40.1	42	26.559	0
"2012-12-05	07:00:00"	6.272	166	10.23	9.95	3.933	166.7	12.47	7.561	43.71	42.4	1.307	41.16	42.04	26.559	0
"2012-12-05	08:00:00"	8.23	152.9	8.39	16.51	5.918	150.6	10.03	12.93	43.72	42.64	1.08	40.49	41.04	26.565	11.325
"2012-12-05	09:00:00"	8.7	159.6	9.51	12.93	6.919	159.7	10.33	11.14	44.99	44.79	0.199	37.56	36.72	26.571	96.586
"2012-12-05	10:00:00"	9.68	176.9	10.61	15.31	7.594	176.6	12.97	11.74	48.82	49.2	-0.375	34.36	32.81	26.579	272.53
"2012-12-05	11:00:00"	13.51	182.1	9.88	20.09	10.74	182.5	13.49	17.1	53.54	54.47	-0.924	33.99	31.75	26.567	468.34
"2012-12-05	12:00:00"	13.77	186.8	13.23	20.09	10.93	187	16.28	17.1	56.49	57.63	-1.138	34.24	31.72	26.54	513.32
"2012-12-05	13:00:00"	14.02	190.2	13.08	20.68	11.16	191.4	16.3	17.7	59.06	60.29	-1.228	32.1	29.53	26.499	581.17
"2012-12-05	14:00:00"	13.43	196.7	14.06	21.28	10.67	198.1	16.62	18.89	61.7	62.95	-1.25	30.16	27.58	26.455	584.08
"2012-12-05	15:00:00"	13.91	193.5	14.69	22.47	11.1	194.6	16.97	19.49	63.66	64.76	-1.1	28.77	26.31	26.415	470.54
"2012-12-05	16:00:00"	12.08	196.4	15.11	18.3	9.56	197	16.34	16.51	64.85	65.63	-0.78	27.53	25.34	26.385	367.82
"2012-12-05	17:00:00"	11.18	199.4	14.33	17.7	8.89	198.7	15.8	14.12	65.04	65.33	-0.291	27.48	25.63	26.374	200.89
"2012-12-05	18:00:00"	8.82	185.1	8.85	13.52	6.53	185.9	11.39	11.74	63.13	62.61	0.52	30.06	28.86	26.363	35.581
"2012-12-05	19:00:00"	8.1	178.1	8.08	12.33	5.667	177.1	9.93	9.35	59.63	58.57	1.063	33.02	32.46	26.355	0.10223
"2012-12-05	20:00:00"	10.53	179.4	8.22	15.31	7.729	178	10.12	12.33	58.9	57.86	1.035	32.46	31.96	26.347	0
"2012-12-05	21:00:00"	10.32	177.9	8.05	15.31	7.402	176.3	10.69	11.14	56.61	55.45	1.158	33.88	33.57	26.345	0
"2012-12-05	22:00:00"	8.67	202	13.55	13.52	6.174	204.8	13.54	11.74	53.53	52.8	0.733	36.61	35.85	26.335	0
"2012-12-05	23:00:00"	6.939	214.4	12.45	10.54	5.004	216.7	13.85	8.75	51.89	51.33	0.564	38.65	37.74	26.322	0
"2012-12-06	00:00:00"	6.365	212.6	11.97	9.95	4.353	215.1	13.92	8.16	50.9	50.3	0.601	40.75	39.76	26.309	0
"2012-12-06	01:00:00"	7.063	217.8	11.84	9.95	5.25	222.3	11.92	8.75	49.85	49.32	0.523	43.11	42	26.293	0
"2012-12-06	02:00:00"	6.501	223.6	14.71	11.14	4.537	227.7	19.3	8.75	48.09	47.48	0.613	46.74	45.83	26.274	0
"2012-12-06	03:00:00"	6.865	206.2	10.81	11.14	4.938	207.5	12.61	8.16	47.43	46.85	0.577	48.81	47.86	26.263	0
"2012-12-06	04:00:00"	6.332	208.9	15.43	9.95	4.391	209.8	17.06	8.16	45.31	44.65	0.656	52.42	51.77	26.252	0
"2012-12-06	05:00:00"	7.845	229.2	10.52	11.74	6.18	231.3	14.44	9.95	44.14	43.83	0.308	55.49	54.36	26.243	0
"2012-12-06	06:00:00"	6.035	235.2	14.81	9.95	4.432	237.9	20.53	8.16	43.42	42.97	0.452	57.52	56.66	26.235	0
"2012-12-06	07:00:00"	6.48	230.4	13.38	10.54	4.85	232.7	16.57	8.75	42.83	42.41	0.421	58.49	57.59	26.238	0
"2012-12-06	08:00:00"	8.48	252.7	7.255	11.74	5.458	258.9	9.99	9.35	43.91	42.6	1.311	56.75	57.42	26.244	8.0885
"2012-12-06	09:00:00"	8.49	262	8.58	11.74	5.907	267.6	12.25	9.35	49.43	48.78	0.65	45.88	45.75	26.251	124.58
"2012-12-06	10:00:00"	7.614	267	12.19	11.74	5.75	269.7	14.5	9.95	52.64	53.34	-0.698	41.85	39.78	26.259	289.56
"2012-12-06	11:00:00"	9.84	269.9	12.99	14.72	7.645	273.5	14.69	13.52	62.97	64.07	-1.097	29.57	27.29	26.256	467.46
"2012-12-06	12:00:00"	12.08	280.1	11.37	16.51	8.74	283.5	13.71	15.91	70.44	71.85	-1.416	19.12	16.91	26.243	547.8
"2012-12-06	13:00:00"	13.47	290	11.27	18.89	8.9	294	13.05	15.91	73.97	75.7	-1.729	15.63	13.36	26.212	594.34
"2012-12-06	14:00:00"	12.95	289.3	13.43	19.49	8.78	293.7	15.81	16.51	76.06	77.89	-1.821	12.96	10.72	26.185	600.04
"2012-12-06	15:00:00"	11.38	280.7	12.91	18.3	8.29	284.7	14.16	16.51	77.12	78.73	-1.608	11.7	9.54	26.169	515.44
"2012-12-06	16:00:00"	9.73	285.7	14	17.1	6.688	289.3	15.36	12.93	77.23	78.5	-1.266	11.47	9.4	26.168	373.29
"2012-12-06	17:00:00"	8.5	288.8	22.19	13.52	5.935	291.8	22.11	11.74	76.82	77.4	-0.58	10.64	8.82	26.165	208.45
"2012-12-06	18:00:00"	6.417	6.336	17.02	9.35	2.703	2.18	11.52	9.35	73.54	70.35	3.192	13.32	13.02	26.174	28.24
"2012-12-06	19:00:00"	8.08	20.01	3.606	10.54	2.638	16.16	6.551	5.771	68.43	60.62	7.809	16.29	18.54	26.185	0.02462
"2012-12-06	20:00:00"	9.09	22.26	7.19	10.54	4.303	14.71	8.99	5.771	63.98	53.59	10.39	21.42	25.41	26.195	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-06	21:00:00"	8.02	32.25	5.753	11.74	4.227	31.35	8.36	8.75	59.97	55.37	4.6	24.41	26.44	26.205	0
"2012-12-06	22:00:00"	10.44	54.46	9.63	12.93	6.254	56.79	12.57	9.95	57.54	55.93	1.618	26.44	26.1	26.215	0
"2012-12-06	23:00:00"	10.19	67.23	6.093	11.74	5.805	62.33	10	8.16	54.19	51.62	2.567	30.09	30.53	26.215	0
"2012-12-07	00:00:00"	11.04	49.21	10.21	15.91	7.534	51.49	11.84	14.12	52.63	51.77	0.858	33.73	32.93	26.219	0
"2012-12-07	01:00:00"	11.33	59.15	8.4	15.31	7.81	62.36	9.98	11.74	48.78	48.45	0.331	38.7	37.54	26.214	0
"2012-12-07	02:00:00"	12.3	65.33	8.28	17.1	8.8	66.91	9.49	12.93	47.64	47.31	0.324	39.79	38.64	26.202	0
"2012-12-07	03:00:00"	12.4	63.29	11.08	18.89	8.96	64.6	12.36	15.91	46.36	45.96	0.4	40.94	39.82	26.199	0
"2012-12-07	04:00:00"	12.14	38.57	10.28	16.51	9.28	40.58	11.82	14.72	44.15	43.74	0.413	43.6	42.54	26.197	0
"2012-12-07	05:00:00"	11.7	34.68	7.733	16.51	8.97	36.24	10.37	14.12	42.11	41.59	0.52	46.3	45.49	26.197	0
"2012-12-07	06:00:00"	10.52	36.41	8.56	14.12	7.934	37.91	10.62	11.74	40.52	40.03	0.489	48.64	47.79	26.196	0
"2012-12-07	07:00:00"	10.27	31.32	9.97	15.31	7.691	31.51	12.87	11.74	38.67	38.16	0.506	51.52	50.74	26.204	0
"2012-12-07	08:00:00"	11.74	23.39	6.252	14.72	8.92	24.58	10.4	12.93	36.4	36.07	0.325	55.6	54.69	26.218	4.0913
"2012-12-07	09:00:00"	11.16	26.18	8.51	14.72	8.97	27.75	11.32	12.93	38.37	38.58	-0.21	53.32	51.59	26.234	115.58
"2012-12-07	10:00:00"	10.55	61.16	17.13	15.31	8.78	63.09	17.33	13.52	45.43	46.23	-0.801	42.96	40.39	26.247	317.83
"2012-12-07	11:00:00"	5.909	88.1	21.54	10.54	4.907	89.2	24.16	9.35	50.48	51.33	-0.846	38.92	36.61	26.253	385.99
"2012-12-07	12:00:00"	3.799	70.84	34.78	10.54	3.136	76.49	42.8	6.964	53.77	54.79	-1.022	36.37	33.93	26.25	486.49
"2012-12-07	13:00:00"	3.009	195.2	72.49	8.75	2.487	205.2	78.15	7.561	57.12	57.83	-0.71	32.51	30.38	26.223	562.19
"2012-12-07	14:00:00"	6.301	293.4	25.47	12.33	4.628	297.7	27.78	9.95	60.23	61.56	-1.325	27.84	25.31	26.196	406.68
"2012-12-07	15:00:00"	6.359	276.6	19.95	10.54	4.569	279.3	24.59	9.95	62.43	63.94	-1.511	25.55	22.91	26.18	498.83
"2012-12-07	16:00:00"	3.502	259.4	56.83	8.75	2.495	260.1	58.07	6.964	65.07	65.8	-0.732	23.36	21.22	26.172	362.19
"2012-12-07	17:00:00"	3.082	139.4	40.2	6.368	1.909	139.7	40.18	5.175	66.28	66.56	-0.279	22.38	20.56	26.166	199.41
"2012-12-07	18:00:00"	2.498	120	42.71	3.982	1	113.7	46.18	1	66.32	65.5	0.815	22.5	21.48	26.168	35.867
"2012-12-07	19:00:00"	4.21	171.3	15.51	7.561	1.683	169.3	23.42	5.175	62.73	60.99	1.735	24.75	24.49	26.176	0.06007
"2012-12-07	20:00:00"	6.803	147.2	10.05	10.54	3.355	130.7	22.45	7.561	60.17	57.2	2.97	26.74	27.45	26.188	0
"2012-12-07	21:00:00"	6.716	168.3	17.28	11.14	4.379	169.7	24	8.16	58.29	56.76	1.533	28.11	27.87	26.204	0
"2012-12-07	22:00:00"	5.147	182	10.6	6.964	2.824	185.6	18.44	4.578	54.54	52.99	1.549	31.27	31.13	26.215	0
"2012-12-07	23:00:00"	6.39	186	10.54	9.95	4.096	189.9	15.95	7.561	52.3	50.98	1.31	35.34	34.77	26.216	0
"2012-12-08	00:00:00"	6.912	181.2	8.86	11.14	4.691	181.5	12.8	9.35	50.82	49.51	1.308	37.75	37.68	26.217	0
"2012-12-08	01:00:00"	5.281	206.7	16.7	9.35	3.416	211.6	23.58	6.964	50.82	49.7	1.116	38.28	37.85	26.213	0
"2012-12-08	02:00:00"	4.867	222.5	10.08	6.368	2.988	221.3	14.35	4.578	49.79	48.52	1.274	38.68	38.7	26.203	0
"2012-12-08	03:00:00"	5.14	249.2	19.68	6.964	2.734	259.8	27.04	5.175	50.7	47.27	3.428	37.44	39.83	26.2	0
"2012-12-08	04:00:00"	6.248	264.2	41.23	10.54	3.353	260.8	43.64	8.75	50.53	46.53	3.995	37.46	40.53	26.202	0
"2012-12-08	05:00:00"	5.442	222.7	11.03	8.16	3.437	224.5	14.78	6.368	47.32	46.08	1.24	43.69	43.43	26.205	0
"2012-12-08	06:00:00"	4.898	235.1	19.48	8.16	3.235	242.8	28.7	5.771	46.78	45.57	1.215	46.43	46.34	26.201	0
"2012-12-08	07:00:00"	6.715	280.5	12.93	9.95	3.47	286.8	16.31	5.771	47.24	43.52	3.72	43.73	48.19	26.209	0
"2012-12-08	08:00:00"	10.05	310.3	9.98	11.74	5.105	313.3	16.4	8.16	46.23	41.58	4.651	44.05	49.76	26.218	4.7868
"2012-12-08	09:00:00"	10.13	305.9	6.867	13.52	5.542	308.7	9.21	9.35	48.91	48.16	0.751	41.16	41.08	26.231	117.5
"2012-12-08	10:00:00"	7.542	354.4	22.4	11.74	6.048	355.3	23.04	11.14	52.96	53.9	-0.94	35.41	33.3	26.248	289.51
"2012-12-08	11:00:00"	5.02	16.2	20.96	9.95	3.883	20.19	26.3	8.75	55.72	56.98	-1.257	31.91	29.46	26.253	441.16
"2012-12-08	12:00:00"	4.134	269.2	41.24	12.33	2.878	266.9	42.17	9.95	60.9	61.91	-1.009	27.87	25.66	26.24	548.55
"2012-12-08	13:00:00"	13.92	264.5	19.95	28.43	10.75	269.9	20.95	23.66	65.97	67.62	-1.653	24.48	21.84	26.205	595.51
"2012-12-08	14:00:00"	20.48	264	11.27	31.42	16.21	269.8	13.02	29.63	67.97	69.63	-1.656	22.62	19.98	26.167	567.49
"2012-12-08	15:00:00"	16.92	243.6	14.38	31.42	14.09	248.9	17.34	23.66	68.78	69.89	-1.109	22.15	19.8	26.145	501.01
"2012-12-08	16:00:00"	19.47	259.8	11.48	29.63	15.57	266.6	13.49	26.05	69.43	70.19	-0.755	19.5	17.39	26.129	370.23
"2012-12-08	17:00:00"	15.17	243.4	14.01	27.24	12.35	247.7	16.78	22.47	69.56	69.87	-0.309	19.88	18	26.124	201.21

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-08	18:00:00"	12.08	229.3	12.84	22.47	9.69	231.9	15.18	18.3	67.24	67.05	0.196	22.6	21.03	26.131	36.858		0
"2012-12-08	19:00:00"	12.77	223.9	12.5	19.49	10.73	222.2	12.75	16.51	63.66	63.35	0.308	24.79	23.33	26.145	0.04733		0
"2012-12-08	20:00:00"	7.064	221.1	14.77	17.1	4.206	217.3	16.38	13.52	58.53	58.07	0.46	28.39	27.13	26.165	0		0
"2012-12-08	21:00:00"	8.71	241	9.01	13.52	6.37	245.2	10.73	11.74	57.05	56.26	0.793	29.69	28.77	26.173	0		0
"2012-12-08	22:00:00"	7.214	238.9	11.22	11.14	5.311	239.9	13.91	8.75	53.09	52.38	0.713	33.29	32.37	26.18	0		0
"2012-12-08	23:00:00"	7.248	229.1	11.66	11.74	5.334	229.4	12.92	9.35	51.1	50.5	0.601	34.89	33.94	26.178	0		0
"2012-12-09	00:00:00"	7.796	242.3	13.06	12.33	5.268	246.4	17.75	10.54	50.87	49.83	1.036	35.08	34.6	26.18	0		0
"2012-12-09	01:00:00"	8.47	246.9	8.57	12.93	5.755	253.6	10.69	9.95	49.82	48.49	1.323	36.35	36.27	26.171	0		0
"2012-12-09	02:00:00"	10.18	252.6	7.784	14.12	6.703	259.2	9.66	10.54	50.68	49.3	1.384	35.75	35.76	26.167	0		0
"2012-12-09	03:00:00"	7.845	247.2	14.7	12.93	5.628	248.6	17.53	9.95	50.3	49.29	1.01	36.01	35.66	26.169	0		0
"2012-12-09	04:00:00"	7.404	248.7	11.55	11.74	5.075	255.5	15.25	8.16	48.7	47.46	1.242	37.88	37.76	26.172	0		0
"2012-12-09	05:00:00"	10.96	267.2	7.838	16.51	8.24	273.3	9.11	12.33	51.66	50.79	0.873	34.79	34.28	26.178	0		0
"2012-12-09	06:00:00"	9.44	274.6	10.56	15.91	5.775	283.9	14.1	11.74	49.43	47.67	1.765	37.4	38.01	26.178	0		0
"2012-12-09	07:00:00"	7.218	267.6	11.19	9.95	4.348	281.1	22.13	8.16	48.43	45.76	2.664	38.5	40.25	26.193	0		0
"2012-12-09	08:00:00"	8.08	294.4	9.64	11.14	2.644	297.9	16.83	5.771	47.24	42.26	4.985	39.46	44.86	26.204	2.4103		0
"2012-12-09	09:00:00"	10.83	325.1	32.59	29.03	6.537	328.6	31.44	26.05	49.12	47.59	1.529	37.23	38.48	26.226	157.41		0
"2012-12-09	10:00:00"	18.39	31.15	9.16	24.86	15.15	33.92	11.67	23.07	44.17	45.4	-1.228	50.57	47.07	26.268	312.46		0
"2012-12-09	11:00:00"	17.1	35.71	9.54	24.26	14.24	38.51	11.78	22.47	44.11	45.63	-1.516	54.73	50.45	26.29	432.88		0
"2012-12-09	12:00:00"	15.95	38.21	11.01	23.07	13.29	40.53	13.55	18.3	45.22	47.04	-1.819	44.57	40.28	26.296	543.06		0
"2012-12-09	13:00:00"	14.97	44.57	12.24	21.28	12.45	48.39	14.11	18.89	46.73	48.61	-1.877	41.2	37.29	26.281	604.88		0
"2012-12-09	14:00:00"	14.7	43.81	13	21.28	12.22	46.75	14.55	19.49	48.56	50.48	-1.914	38.56	34.95	26.251	538.86		0
"2012-12-09	15:00:00"	14.62	37.33	12.07	20.68	12.28	39.62	14.77	20.09	50.37	52.1	-1.73	37.64	34.26	26.236	509.57		0
"2012-12-09	16:00:00"	16.42	51.28	14.23	22.47	13.32	54.59	15.22	20.68	50.72	51.89	-1.17	39.49	36.51	26.235	330.31		0
"2012-12-09	17:00:00"	16.25	53.3	10.71	23.66	12.79	57.28	12.51	19.49	49.41	50.09	-0.686	40.56	38.02	26.234	165.87		0
"2012-12-09	18:00:00"	14.85	51.72	10.02	21.28	11.28	55.45	11.33	17.7	47.29	47.43	-0.14	41.03	39.09	26.242	30.998		0
"2012-12-09	19:00:00"	13.89	54.55	10.45	20.09	10.57	57.75	11.71	16.51	44.39	44.3	0.095	42.47	40.82	26.254	0.06576		0
"2012-12-09	20:00:00"	17.25	40.63	8.44	27.24	13.9	43.45	9.99	21.87	41.57	41.5	0.076	37.36	36.07	26.297	0		0
"2012-12-09	21:00:00"	19.46	41.66	7.427	29.03	15.68	44.29	9.17	24.26	38.89	38.89	-0.005	34.41	33.02	26.336	0		0
"2012-12-09	22:00:00"	24.41	25.51	9.13	39.17	19.67	26.97	12.6	33.21	35.23	36.39	-1.158	33.8	31.5	26.385	0		0
"2012-12-09	23:00:00"	26.08	17.95	6.54	35.59	20.91	17.56	12.92	32.61	31.81	33.7	-1.894	34.28	31.32	26.443	0		0
"2012-12-10	00:00:00"	24.31	11.42	9.11	36.19	19.21	8.83	15.58	31.42	31.82	33.52	-1.697	35.39	32.6	26.478	0		0
"2012-12-10	01:00:00"	20.78	8.25	11.26	32.01	16.54	5.068	15.39	29.63	30.1	31.43	-1.332	44.2	41.07	26.488	0		0
"2012-12-10	02:00:00"	16.44	7.397	9.97	24.26	13.19	4.514	13.43	20.68	26.81	27.69	-0.883	69.3	65.73	26.495	0		0
"2012-12-10	03:00:00"	13.68	6.466	11.56	23.07	10.94	2.371	14.48	20.09	25.51	25.94	-0.426	67.79	65.47	26.487	0		0
"2012-12-10	04:00:00"	6.591	345.9	11.93	9.95	4.219	340.1	11.89	9.35	23.29	22.24	1.05	70.45	69.77	26.48	0.00538		0
"2012-12-10	05:00:00"	7.693	318.7	12.83	9.95	4.213	321.7	8.46	6.368	23.38	20.46	2.917	65.25	68.09	26.473	0.09092		0
"2012-12-10	06:00:00"	5.454	287.9	8.46	8.75	2.685	294.6	10.88	5.175	22.52	20.84	1.68	66.85	67.65	26.468	0.11023		0
"2012-12-10	07:00:00"	7.444	308.8	12.67	10.54	4.242	313.1	12.57	8.16	20.14	19.03	1.113	71.02	71.11	26.468	0.09516		0
"2012-12-10	08:00:00"	6.669	315.4	12.96	9.95	3.883	315.3	15.98	6.964	17.88	17.08	0.801	72.23	72.14	26.469	5.1027		0
"2012-12-10	09:00:00"	8.26	334.1	12.45	13.52	6.37	333	12.58	11.74	20.66	20.82	-0.161	63.63	62.76	26.463	118.59		0
"2012-12-10	10:00:00"	8.1	356.9	14.87	12.33	6.858	354	16.16	11.74	26.26	27.69	-1.434	44.45	41.42	26.468	291.32		0
"2012-12-10	11:00:00"	6.271	304	29.6	11.14	4.796	305.8	30.83	10.54	29.27	30.85	-1.577	35.3	32.56	26.465	442.91		0
"2012-12-10	12:00:00"	6.29	275.5	25.57	12.33	4.721	280.3	26.9	11.74	31.54	33.2	-1.665	33.46	30.58	26.451	550.46		0
"2012-12-10	13:00:00"	6.919	276.1	27.85	15.91	5.226	279.5	30.72	13.52	34.59	36.45	-1.857	30.04	27.04	26.417	598.77		0
"2012-12-10	14:00:00"	8.01	269.3	24.91	14.72	6.025	272.6	28.24	14.12	37.29	39.21	-1.922	25.67	22.77	26.375	572.52		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-10	15:00:00"	10.71	279.2	24.61	18.89	7.867	284	25.74	17.1	39.78	41.95	-2.169	20.24	17.45	26.339	503.95	0	
"2012-12-10	16:00:00"	9.95	286	22.06	18.3	7.405	288.8	23.01	15.91	40.77	42.72	-1.946	19.1	16.37	26.319	372.99	0	
"2012-12-10	17:00:00"	7.265	270.1	17.29	12.93	5.463	273.6	21.79	12.33	41.31	43.3	-1.99	20.17	17.44	26.305	210.59	0	
"2012-12-10	18:00:00"	6.178	247.3	12.29	11.14	4.653	249.8	15.26	9.95	41.13	42.32	-1.19	19.87	17.67	26.295	38.683	0	
"2012-12-10	19:00:00"	5.153	225.9	26.5	9.95	1.916	229.5	33.55	7.561	38.48	38.15	0.331	22.55	21.08	26.297	0.08496	0	
"2012-12-10	20:00:00"	4.79	179.3	31.28	7.561	3.358	173.5	41.63	6.368	33.71	33	0.711	33.54	31.59	26.308	0	0	
"2012-12-10	21:00:00"	4.574	180.9	17.2	14.12	2.747	166.2	76.03	10.54	34.51	32.31	2.201	35.84	35.34	26.299	0	0	
"2012-12-10	22:00:00"	5.923	222.1	18.58	11.74	4.528	224.9	20.48	9.35	29.94	29.68	0.255	39.45	38.01	26.306	0.00086	0	
"2012-12-10	23:00:00"	6.672	228.6	12.93	10.54	5.238	229.4	14.67	9.35	30.15	29.86	0.29	39.68	38.29	26.314	0	0	
"2012-12-11	00:00:00"	7.876	215.8	12.98	11.74	6.349	214.3	14.66	9.95	29.66	29.36	0.3	41.16	39.64	26.309	0	0	
"2012-12-11	01:00:00"	6.8	228.5	13.81	11.74	5.427	231.2	18.3	9.95	29.55	29.2	0.349	41.78	40.36	26.31	0	0	
"2012-12-11	02:00:00"	6.858	229.5	11.23	9.95	5.329	230.7	13.9	8.16	29.46	29.09	0.376	41.84	40.54	26.294	0	0	
"2012-12-11	03:00:00"	6.204	233.8	13.56	9.95	4.901	236.1	16.28	9.35	28.64	28.27	0.37	42.16	40.91	26.288	0	0	
"2012-12-11	04:00:00"	7.296	257.6	9.59	11.14	5.603	263.6	10.78	9.95	28.02	27.45	0.567	42.66	41.71	26.29	0.00144	0	
"2012-12-11	05:00:00"	8.36	292.3	14.96	12.33	4.84	298.4	17.13	9.35	27.93	26.97	0.959	43.42	43.23	26.288	0.00019	0	
"2012-12-11	06:00:00"	8.47	301.8	5.756	11.74	4.195	308.5	9.05	8.16	27.41	26.15	1.262	46.01	46.23	26.285	0.00202	0	
"2012-12-11	07:00:00"	7.627	308.4	5.17	11.14	4.135	319.6	9.4	6.368	26.89	24.77	2.119	47.47	49.07	26.296	0.01565	0	
"2012-12-11	08:00:00"	5.606	278	15.85	8.75	3.582	279.7	22.9	6.964	26.6	25.08	1.518	47.75	48.52	26.311	5.0064	0	
"2012-12-11	09:00:00"	8.06	283.5	8.59	14.72	5.248	284.3	11.1	11.14	28.92	28.5	0.421	44.67	43.88	26.337	102.6	0	
"2012-12-11	10:00:00"	10.06	306.4	14.14	15.31	6.948	309.5	15.3	13.52	35.02	35.86	-0.844	37.58	35.31	26.361	285.47	0	
"2012-12-11	11:00:00"	13.52	341.3	13.18	18.89	10.96	340.4	14.25	17.7	42.44	43.94	-1.5	28.39	25.82	26.375	436.25	0	
"2012-12-11	12:00:00"	10.58	327	15.99	17.7	8.27	327.9	16.33	16.51	45.41	47.26	-1.851	25.39	22.61	26.375	543.64	0	
"2012-12-11	13:00:00"	10.84	326.7	19.34	18.3	8.44	328.4	18.68	15.91	47.47	49.47	-1.993	22.48	19.67	26.357	596.12	0	
"2012-12-11	14:00:00"	11.54	327.9	17.65	19.49	9.02	328.9	18.11	17.1	49.21	51.26	-2.047	19.95	17.22	26.336	570.61	0	
"2012-12-11	15:00:00"	12.54	339.9	21.84	23.07	10.08	340.6	21.56	20.68	49.75	51.64	-1.89	19.25	16.58	26.333	503.29	0	
"2012-12-11	16:00:00"	12.67	339.6	17.34	20.09	10.13	339.5	17.04	17.1	49.83	51.4	-1.565	17.3	14.85	26.338	372.7	0	
"2012-12-11	17:00:00"	12.69	347	17.11	20.68	10.1	346.1	16.72	17.1	49.73	50.55	-0.813	17.01	14.91	26.342	209.87	0	
"2012-12-11	18:00:00"	7.854	4.391	10.85	14.72	4.577	0.592	11.71	11.74	47.74	46.5	1.239	18.27	17.22	26.35	40.434	0	
"2012-12-11	19:00:00"	6.385	5.458	9.96	8.16	1.383	358.4	8.76	5.175	44.86	37.55	7.312	20.02	22.5	26.359	0.10267	0	
"2012-12-11	20:00:00"	4.629	2.419	19.05	5.771	1	350	5.146	1	43.86	36.27	7.597	21.27	24.28	26.381	0	0	
"2012-12-11	21:00:00"	2.831	314	60.46	6.368	1	309.4	37.62	1.596	41.71	36.67	5.045	23.33	25.34	26.398	0	0	
"2012-12-11	22:00:00"	2.043	54.24	52.2	3.982	1.467	29.43	57.55	5.175	41.23	38.21	3.011	23.81	24.34	26.415	0	0	
"2012-12-11	23:00:00"	3.694	61.09	50.92	11.14	1.385	51.3	93.6	8.16	40.94	35.42	5.525	24.03	26.58	26.416	0	0	
"2012-12-12	00:00:00"	4.204	158.2	13.46	6.964	1.137	181.8	44	5.175	37.62	33.7	3.917	25.72	27.25	26.417	0	0	
"2012-12-12	01:00:00"	4.545	164.4	10.25	6.964	1	160.9	18.12	1	36.47	33.69	2.786	27.6	28.18	26.415	0	0	
"2012-12-12	02:00:00"	4.86	186	13.34	6.964	1.207	192.5	18.11	3.982	34.63	33.25	1.38	29.68	29.22	26.409	0.0001	0	
"2012-12-12	03:00:00"	4.977	219.6	13.26	8.16	2.977	224	14.75	5.771	33.31	32.63	0.68	31.23	30.16	26.408	0.0001	0	
"2012-12-12	04:00:00"	5.71	213.9	12.96	9.95	3.963	215.6	14.96	6.964	32.45	31.73	0.722	32.19	31.18	26.399	0	0	
"2012-12-12	05:00:00"	5.917	214.7	11.83	8.75	4.251	216.8	13.67	6.964	31.45	30.89	0.557	34.33	33.17	26.393	0	0	
"2012-12-12	06:00:00"	6.131	202.5	10.98	9.35	4.149	201.6	10.38	6.964	30.64	29.92	0.722	36.52	35.42	26.383	0.0001	0	
"2012-12-12	07:00:00"	5.818	202.8	12.3	9.35	3.887	205.8	12.77	8.16	29.02	28.32	0.698	40.26	38.99	26.387	0.00019	0	
"2012-12-12	08:00:00"	5.671	206	11.42	8.16	3.732	203.3	11.85	6.368	28.84	27.75	1.097	39.87	39.93	26.396	4.083	0	
"2012-12-12	09:00:00"	5.102	213.3	14.27	8.16	3.356	210.8	19	7.561	29.27	28.98	0.289	38.72	37.76	26.415	111.99	0	
"2012-12-12	10:00:00"	8.77	209.6	12.07	15.31	7.056	209.7	15.37	12.93	36.74	37.16	-0.414	31.3	29.68	26.431	284.92	0	
"2012-12-12	11:00:00"	12.54	207.9	12.88	20.09	10.01	208	15.11	17.1	45.28	46.2	-0.92	22.36	20.36	26.434	441.2	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-12	12:00:00"	12.57	209.6	13.21	20.09	10.23	210.6	15.96	17.1	49.83	51.03	-1.204	17.9	15.73	26.431	551.21	0	
"2012-12-12	13:00:00"	13.05	209	14.55	21.87	10.8	208.4	16.71	18.3	53.14	54.44	-1.3	15.65	13.46	26.411	602.34	0	
"2012-12-12	14:00:00"	13.92	216.2	14.37	21.87	11.4	216.5	17.13	20.09	55.9	57.2	-1.3	13.83	11.65	26.38	576.67	0	
"2012-12-12	15:00:00"	12.39	205.8	15.52	20.68	10.08	205.5	17.3	19.49	58	59.33	-1.334	12.96	10.8	26.36	509.67	0	
"2012-12-12	16:00:00"	13.37	199.1	14.76	22.47	10.73	200.9	16.5	19.49	60	61.11	-1.109	12.01	9.95	26.349	377.59	0	
"2012-12-12	17:00:00"	12	202.6	13.09	19.49	9.6	201.8	13.85	15.31	61.02	61.39	-0.366	11.74	9.92	26.344	213.07	0	
"2012-12-12	18:00:00"	9.1	190.9	10.1	15.31	6.773	192.7	11.88	12.93	58.91	58.35	0.561	12.8	11.38	26.346	41.054	0	
"2012-12-12	19:00:00"	9.45	179.1	12.69	13.52	6.666	179.2	15.61	12.33	54.33	52.97	1.356	14.79	13.89	26.357	0.09938	0	
"2012-12-12	20:00:00"	8.18	153.8	8.77	12.93	5.384	149.2	10.31	11.74	51.93	50.39	1.543	15.89	15.1	26.372	0	0	
"2012-12-12	21:00:00"	9.51	157.4	9.17	14.72	7.069	155.3	9.64	11.74	49.23	48.09	1.141	18.82	17.76	26.385	0	0	
"2012-12-12	22:00:00"	6.061	198.7	19.05	12.93	3.859	206	22.42	11.14	45.27	44.53	0.743	24.16	22.85	26.397	0	0	
"2012-12-12	23:00:00"	5.882	213	12.84	8.75	3.977	216.6	13.54	6.964	44.18	43.42	0.764	26.99	25.79	26.403	0	0	
"2012-12-13	00:00:00"	7.536	204.5	11.54	11.14	5.445	207.6	12.97	8.75	43.13	42.47	0.657	29.67	28.48	26.405	0	0	
"2012-12-13	01:00:00"	7.415	201.5	10.86	10.54	5.079	206.1	12.17	7.561	41.07	40.37	0.697	33.51	32.41	26.402	0	0	
"2012-12-13	02:00:00"	7.986	194.8	10.12	11.14	5.543	200.9	11.57	9.35	39.04	38.36	0.679	37.66	36.67	26.393	0	0	
"2012-12-13	03:00:00"	6.678	205	11.74	10.54	4.869	210.8	14.1	8.16	36.84	36.39	0.449	42.41	41.03	26.387	0	0	
"2012-12-13	04:00:00"	7.345	203.9	10	9.95	5.073	205.1	10.6	7.561	36.96	36.36	0.605	45	43.91	26.386	0	0	
"2012-12-13	05:00:00"	7.528	204.1	10.06	10.54	5.381	205.8	12.03	8.16	37.06	36.32	0.735	45.7	44.86	26.381	0	0	
"2012-12-13	06:00:00"	6.885	227.7	14.14	10.54	5.32	234	17.06	9.35	36.64	35.94	0.707	46.52	45.66	26.377	0	0	
"2012-12-13	07:00:00"	7.385	230.4	12	11.14	5.633	236.2	15.16	9.35	37.31	36.58	0.739	46.85	46.09	26.382	0	0	
"2012-12-13	08:00:00"	7.569	223.1	12.66	11.14	6.019	224.2	14.1	9.35	36.87	36.45	0.424	48.44	47.36	26.391	3.4908	0	
"2012-12-13	09:00:00"	7.529	219.5	12.37	11.14	6.175	219.2	12.61	9.95	37.43	37.29	0.135	49.02	47.62	26.408	104.12	0	
"2012-12-13	10:00:00"	6.326	215.6	12.06	9.35	5.295	221.4	13.03	8.16	41.95	42.19	-0.243	43.46	41.63	26.431	273.7	0	
"2012-12-13	11:00:00"	9.46	181.8	13.12	14.72	7.534	183	17.08	12.33	49.25	50.07	-0.814	34.62	32.51	26.438	426.33	0	
"2012-12-13	12:00:00"	9.05	181	12.45	14.12	7.299	181.1	16.2	12.33	55.34	56.45	-1.105	28.36	26.06	26.428	536.5	0	
"2012-12-13	13:00:00"	11.24	178	12.48	17.1	9.1	179.6	16.66	15.31	58.25	59.48	-1.231	25.62	23.17	26.404	584.54	0	
"2012-12-13	14:00:00"	11.82	173.8	12.1	17.7	9.52	174.8	14.71	15.31	61.15	62.4	-1.241	23.4	20.97	26.37	559.18	0	
"2012-12-13	15:00:00"	11.98	175.8	13.41	18.89	9.7	176.1	16.51	15.91	63.33	64.35	-1.026	22.26	19.95	26.347	492.95	0	
"2012-12-13	16:00:00"	10.92	169.6	13.95	17.7	8.81	169	15.79	15.31	63.95	64.72	-0.765	23.6	21.41	26.331	354.23	0	
"2012-12-13	17:00:00"	11.41	158.6	11.8	17.1	9.2	158.1	12.27	15.31	62.97	63.08	-0.116	27.52	25.71	26.324	146.55	0	
"2012-12-13	18:00:00"	9.61	160.1	10	15.91	7.546	159.6	10.24	13.52	59.67	59.3	0.375	35.39	34.06	26.334	19.985	0	
"2012-12-13	19:00:00"	8.46	147.6	7.51	11.74	6.01	147	7.271	9.35	55.35	54.72	0.632	43.65	42.46	26.336	0.00862	0	
"2012-12-13	20:00:00"	7.776	126.9	11.21	11.74	4.985	126.3	12.1	8.16	52.49	51.68	0.803	50.48	49.51	26.34	0	0	
"2012-12-13	21:00:00"	7.553	113.8	13.38	11.14	4.983	111.5	17.63	8.16	50.11	49.48	0.626	57.21	56.22	26.341	0	0	
"2012-12-13	22:00:00"	8.23	133.5	16.77	13.52	5.784	131.6	19.67	10.54	48.95	48.31	0.639	58.36	57.64	26.342	0	0	
"2012-12-13	23:00:00"	8.58	147.4	12.09	12.33	6.736	146.9	11.93	11.14	47.69	47.52	0.168	62.91	61.49	26.347	0	0	
"2012-12-14	00:00:00"	9.18	167.4	8.67	16.51	7.156	167.4	10.32	14.12	46.7	46.73	-0.031	75.08	73.11	26.349	0	0	
"2012-12-14	01:00:00"	11.61	166.8	9.12	20.68	9.32	166.3	11.1	17.1	47.46	47.66	-0.2	82.6	80.6	26.337	0	0	
"2012-12-14	02:00:00"	12.44	165.1	10.03	20.68	10	164.8	11.41	16.51	47.36	47.57	-0.21	84.1	82.3	26.318	0	0	
"2012-12-14	03:00:00"	10.29	174	8.32	15.91	8.18	173.5	10.48	13.52	47.36	47.52	-0.158	84.8	83.1	26.31	0	0	
"2012-12-14	04:00:00"	9.83	150.4	21.56	15.91	7.994	150.1	21.08	14.12	47.23	47.33	-0.097	85.2	83.7	26.281	0	0	
"2012-12-14	05:00:00"	10.17	143.4	15.64	18.3	8.2	144.4	15.55	15.91	47.13	47.12	0.01	85.6	84.3	26.247	0	0	
"2012-12-14	06:00:00"	9.01	160.1	15.11	17.1	7.309	160.4	16.28	13.52	47.71	47.69	0.018	85.9	84.8	26.225	0	0	
"2012-12-14	07:00:00"	9.88	156.1	11.44	15.91	8.03	156.5	12.44	12.93	48.56	48.55	0.013	85.8	84.6	26.214	0	0	
"2012-12-14	08:00:00"	8.75	149.7	9.63	13.52	7.062	149.8	10.31	12.33	48.16	47.99	0.175	86.1	85.2	26.205	0.76223	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-14	09:00:00"	9.07	155.4	11.88	15.91	7.24	155.3	12.12	14.12	47.84	47.71	0.13	85.9	85	26.189	37.969	0	
"2012-12-14	10:00:00"	17.62	170.6	8.59	30.22	13.94	170.4	10.75	24.26	50.88	50.9	-0.022	80.2	79.2	26.19	152.17	0	
"2012-12-14	11:00:00"	22.77	171.2	7.318	34.4	18.1	171.2	9.74	28.43	54.7	55.09	-0.385	71.33	69.41	26.185	320.15	0	
"2012-12-14	12:00:00"	26.96	173.7	7.226	36.78	21.21	173.3	10.13	30.22	58.65	59.17	-0.529	60.53	58.07	26.143	387.06	0	
"2012-12-14	13:00:00"	25.89	177	7.759	37.98	20.45	176.5	10.54	34.4	60.55	61.23	-0.68	56.81	54.03	26.097	477.19	0	
"2012-12-14	14:00:00"	26.61	181.2	9.58	38.57	21.19	181.7	13.13	33.21	62.6	63.49	-0.892	53.72	50.49	26.06	541.79	0	
"2012-12-14	15:00:00"	27.21	190.9	33.05	45.13	21.71	191.5	37.1	36.19	60.92	61.21	-0.29	58.37	57.19	26.03	241.91	0.2	
"2012-12-14	16:00:00"	32.61	285.2	11.46	52.89	20.86	290	12.34	47.52	51.77	51.78	-0.009	64.81	66.23	26.104	208.01	0	
"2012-12-14	17:00:00"	31.09	283.8	8.96	46.33	20.65	288.6	10.78	37.38	50.38	51.24	-0.856	53.22	52.71	26.128	65.885	0	
"2012-12-14	18:00:00"	29.99	274.3	7.555	45.13	22.29	278.9	10.39	40.96	51.6	51.61	-0.007	45.59	45.78	26.151	28.885	0	
"2012-12-14	19:00:00"	23.56	264.4	11.51	38.57	18.31	269.3	12.45	34.4	50.89	50.51	0.373	42.66	42.76	26.185	0.07516	0	
"2012-12-14	20:00:00"	25.32	272.1	8.76	41.56	19.26	276	10.79	36.19	50.44	50.06	0.381	37.37	37.43	26.193	0	0	
"2012-12-14	21:00:00"	18.72	268	11.61	32.01	14.23	272.6	12.5	25.45	49.09	48.54	0.545	39.6	39.69	26.221	0	0	
"2012-12-14	22:00:00"	13.48	252.6	20.75	23.07	10.54	254.4	23.13	21.28	47.9	47.33	0.57	42.67	42.83	26.237	0	0	
"2012-12-14	23:00:00"	10.13	214.9	16.72	19.49	8.07	214.7	19.39	14.12	45.52	44.96	0.56	45.75	45.89	26.251	0	0	
"2012-12-15	00:00:00"	12.51	247.8	13.89	21.87	9.89	252.5	17.38	18.3	45.35	44.7	0.66	44.8	45.32	26.259	0	0	
"2012-12-15	01:00:00"	10.55	236.2	17.44	20.68	8.46	238.9	21.51	16.51	44.06	43.46	0.603	45.82	46.11	26.271	0	0	
"2012-12-15	02:00:00"	6.623	232	14.93	11.74	5.715	234.2	17.78	11.14	43.64	42.71	0.932	43.36	44.68	26.269	0	0	
"2012-12-15	03:00:00"	9.27	269	10.48	18.3	7.987	274.4	11.28	13.52	43.49	42.35	1.145	43.35	44.95	26.262	0	0	
"2012-12-15	04:00:00"	12.75	294.7	8.61	18.3	6.701	301.7	10.76	11.14	42.61	41.03	1.582	45.62	48.41	26.256	0	0	
"2012-12-15	05:00:00"	13.91	302.9	10.32	22.47	7.862	307.4	12.6	17.1	43	41.55	1.448	44.7	47.13	26.237	0	0	
"2012-12-15	06:00:00"	9.71	288.7	7.766	12.33	4.836	292.7	10.57	9.35	40.9	38.62	2.272	47.8	52.41	26.23	0	0	
"2012-12-15	07:00:00"	6.331	220.5	16.64	9.95	4.86	220.3	20.92	8.75	37.27	36.83	0.441	55.33	56.09	26.238	0	0	
"2012-12-15	08:00:00"	6.99	227.1	15.15	9.95	5.426	225.7	19.34	8.75	35.39	34.96	0.431	58.91	59.54	26.261	1.6968	0	
"2012-12-15	09:00:00"	6.721	226.3	17.8	11.14	5.348	226	22.42	8.75	36.03	35.64	0.392	58.29	58.87	26.277	46.913	0	
"2012-12-15	10:00:00"	6.306	219.7	13.01	9.35	5.19	218.2	14.22	8.75	39.09	39.09	0.002	55.69	55.49	26.286	135.76	0	
"2012-12-15	11:00:00"	6.757	219.1	13.55	9.95	5.916	219.9	15.05	9.35	42.4	42.55	-0.147	53.52	52.85	26.298	166.32	0	
"2012-12-15	12:00:00"	11.93	268.6	13.69	21.87	9.09	272.8	14.55	20.09	48.44	48.44	-0.003	47.1	47.08	26.3	195.98	0	
"2012-12-15	13:00:00"	17.11	278.6	7.73	29.63	12.4	283	10.07	22.47	52.96	53.02	-0.063	41.91	41.72	26.274	218.36	0	
"2012-12-15	14:00:00"	19.4	276	7.748	26.05	14.28	280.9	10.04	24.26	54.91	55.02	-0.112	39.33	38.87	26.249	247.2	0	
"2012-12-15	15:00:00"	17.82	266.4	8.97	26.05	14.33	272.3	9.92	22.47	56.11	56.3	-0.19	37.2	36.27	26.224	247.99	0	
"2012-12-15	16:00:00"	14.37	259.2	9.4	20.68	11.66	266.7	11.05	18.89	56.12	56.11	0.01	37.44	36.59	26.221	133.09	0	
"2012-12-15	17:00:00"	10.27	233.8	15.74	18.3	8.42	236.4	18.05	15.91	54.94	54.75	0.188	37.6	36.9	26.228	64.568	0	
"2012-12-15	18:00:00"	9.2	234.9	15.16	14.72	7.322	235.4	19.16	12.33	52.95	52.56	0.39	39.61	39.19	26.227	12.714	0	
"2012-12-15	19:00:00"	8.05	250.2	16.21	15.31	6.216	258.2	20.35	11.74	51.62	50.81	0.808	43.44	43.93	26.23	0.00192	0	
"2012-12-15	20:00:00"	7.655	233.4	16.36	14.72	6.25	234	21.05	12.93	51.52	51.06	0.46	45.68	45.25	26.234	0	0	
"2012-12-15	21:00:00"	6.297	232.6	30.93	11.14	4.697	237.6	34.49	11.14	49.32	48.63	0.693	49.77	50.3	26.233	0	0	
"2012-12-15	22:00:00"	6.943	249.3	16.12	9.95	5.345	255.3	20.44	8.16	46.96	46.43	0.533	54.75	55.08	26.229	0	0	
"2012-12-15	23:00:00"	6.694	261.1	10.57	9.95	4.231	269.5	13.94	7.561	47.29	45.94	1.356	53.09	55.6	26.232	0	0	
"2012-12-16	00:00:00"	9.38	259	7.763	13.52	7.063	266.2	8.63	11.74	47.73	46.94	0.789	51.62	52.39	26.224	0	0	
"2012-12-16	01:00:00"	8.31	273.9	21.04	12.33	5.288	278.2	21.92	9.95	46.08	44.89	1.191	55.47	56.86	26.215	0	0	
"2012-12-16	02:00:00"	8.25	277.9	13.66	14.72	4.745	282.2	15.36	11.14	44.66	42.61	2.046	56.77	60.07	26.208	0	0	
"2012-12-16	03:00:00"	7.95	244.7	9.53	12.33	5.704	248.3	12.8	9.35	43.84	42.73	1.11	58.51	59.79	26.203	0	0	
"2012-12-16	04:00:00"	7.148	248.1	14.84	11.74	5.211	251.6	18.64	8.75	42.27	41.44	0.834	61.21	61.96	26.208	0	0	
"2012-12-16	05:00:00"	8.95	262.9	11.01	14.12	6.132	269.1	13.63	11.74	42.62	41.16	1.458	59.43	61.48	26.208	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-16	06:00:00"	9.83	253.9	10.6	12.93	7.113	260.3	12.84	11.14	44.01	42.87	1.133	54.69	55.99	26.198	0
"2012-12-16	07:00:00"	8.28	253.5	9.91	12.33	5.777	261.1	12.3	9.95	39.98	38.82	1.169	62.08	63.72	26.202	0
"2012-12-16	08:00:00"	9.7	261.6	7.691	15.31	7.226	266.5	8.48	12.33	42.31	41.25	1.062	58.51	59.57	26.211	1.345
"2012-12-16	09:00:00"	7.49	275.4	11.66	12.93	4.941	281.1	14.34	9.95	41.73	41.17	0.567	61	61.55	26.224	99.827
"2012-12-16	10:00:00"	8.89	280.7	11.99	18.3	6.415	284.7	13.36	16.51	45.84	46.35	-0.512	56.31	54.85	26.239	272.47
"2012-12-16	11:00:00"	21.65	268.3	9.4	34.4	17.06	273.6	9.98	29.03	52.39	52.91	-0.52	43.37	41.67	26.238	373.97
"2012-12-16	12:00:00"	22.59	270.6	8.86	33.8	17.42	276.2	10.25	29.63	53.98	54.64	-0.662	39.26	37.66	26.23	383.86
"2012-12-16	13:00:00"	21.97	268	10.25	34.4	17.38	273.9	10.79	29.03	55.21	56.04	-0.829	36.37	34.51	26.2	468.82
"2012-12-16	14:00:00"	20.08	264.8	11.17	31.42	16.1	271.4	11.45	27.24	56.25	56.85	-0.602	33.15	31.39	26.171	346.32
"2012-12-16	15:00:00"	18.81	257.3	13.81	28.43	15.07	264	15.82	26.05	57.24	58.17	-0.929	32.36	30.32	26.147	465.95
"2012-12-16	16:00:00"	19.94	257.3	10.53	29.63	15.93	264.5	12.59	27.24	58.3	59.08	-0.773	30.78	28.85	26.138	336.86
"2012-12-16	17:00:00"	19.73	267.3	9.47	30.82	15.75	272.5	10.25	26.05	57.86	58.55	-0.69	31.4	29.57	26.141	148.71
"2012-12-16	18:00:00"	25.38	273	8.4	36.19	19.2	277.4	10.47	32.01	56.59	56.99	-0.397	34.01	32.51	26.154	22.517
"2012-12-16	19:00:00"	18.82	269.9	8.75	29.63	14.66	274.7	9.7	25.45	53.99	53.97	0.019	38.02	36.86	26.181	0.10897
"2012-12-16	20:00:00"	13.71	291.8	12.34	23.66	8.4	296.2	13.26	18.3	51.19	50.62	0.572	43.13	42.66	26.214	0
"2012-12-16	21:00:00"	11.78	295.5	7.529	17.1	6.318	299.7	9.4	11.74	49.1	48.33	0.775	46.91	46.9	26.238	0
"2012-12-16	22:00:00"	13.46	292.6	9.42	26.65	7.737	297.2	10.78	19.49	47.65	46.72	0.923	49.88	50.24	26.259	0
"2012-12-16	23:00:00"	10.22	304.6	7.346	16.51	5.287	308.2	9.29	9.95	43.84	42.98	0.853	55.22	55.79	26.281	0
"2012-12-17	00:00:00"	9.23	302.5	12.65	14.12	4.955	305.8	13.73	9.95	41.1	40.04	1.059	59.11	60.26	26.293	0
"2012-12-17	01:00:00"	9.25	287.9	5.619	12.33	4.612	292.9	8.02	7.561	39.3	37.83	1.473	60.47	62.57	26.293	0
"2012-12-17	02:00:00"	13.09	295.8	6.672	18.89	6.87	300.1	8.69	11.14	39.86	38.75	1.112	54.79	56.16	26.283	0
"2012-12-17	03:00:00"	16.58	298.7	6.911	22.47	8.86	302.2	9.08	14.12	40.41	39.71	0.707	49.66	49.98	26.279	0
"2012-12-17	04:00:00"	13.18	299.2	11.99	20.09	7.738	304	13.41	12.33	39.48	38.7	0.774	49.74	50.16	26.276	0
"2012-12-17	05:00:00"	11.47	304.5	6.143	15.31	6.226	309.4	8.48	11.14	37.45	36.5	0.94	52.18	53.08	26.271	0
"2012-12-17	06:00:00"	10.6	298.9	7.403	15.91	5.475	303.1	9.68	9.95	34.44	33.69	0.745	57.11	57.84	26.272	0
"2012-12-17	07:00:00"	9.77	304.3	5.639	12.33	4.942	311.2	8.43	7.561	32.91	31.5	1.406	59.17	61.48	26.275	0
"2012-12-17	08:00:00"	10.33	301.7	5.677	12.93	4.794	307.1	8.68	6.964	33.99	32.05	1.946	57.31	60.7	26.282	2.7671
"2012-12-17	09:00:00"	10.87	290.2	7.513	15.91	6.278	294.7	9.64	13.52	36.11	35.82	0.296	56.44	56.32	26.283	98.945
"2012-12-17	10:00:00"	13.21	285	7.73	18.89	8.87	289.3	9.56	17.1	43.89	44.27	-0.377	46.09	44.62	26.299	272.04
"2012-12-17	11:00:00"	15.93	279.3	10.03	23.66	11.48	283.4	12.18	21.87	50.21	51.12	-0.911	34.77	32.95	26.313	429.51
"2012-12-17	12:00:00"	18.42	270.5	11.35	26.05	14.32	275.3	11.94	23.66	54.18	55.36	-1.171	28.19	26.1	26.305	542.41
"2012-12-17	13:00:00"	16.83	262.3	11.38	24.26	13.47	268.2	12.23	23.07	56.38	57.85	-1.465	26.2	23.86	26.284	594.95
"2012-12-17	14:00:00"	16.04	255.6	11.12	24.86	12.99	261.6	14.04	20.68	58.36	59.78	-1.417	24.11	21.81	26.254	570.77
"2012-12-17	15:00:00"	13.51	257.7	11.8	22.47	10.99	264	14.36	18.3	59.85	61.06	-1.211	22.32	20.15	26.234	508.96
"2012-12-17	16:00:00"	13.56	265.1	12.48	20.68	10.74	271	13.16	18.89	61.09	62.13	-1.035	21.15	19.12	26.223	380.4
"2012-12-17	17:00:00"	15.31	266.7	9.62	23.07	12.05	271.8	10.67	19.49	61.74	62.25	-0.509	20.56	18.77	26.215	215.99
"2012-12-17	18:00:00"	12.28	253.2	10.3	20.09	10.01	259.9	13.2	17.1	60.76	60.54	0.219	21.07	19.74	26.216	42.745
"2012-12-17	19:00:00"	7.778	249.7	14.67	11.14	5.512	257.7	17.15	9.95	57.18	55.88	1.309	23.82	23.52	26.224	0.1423
"2012-12-17	20:00:00"	10.81	243	15.66	15.91	8.42	247.9	19.2	13.52	53.28	52.7	0.586	30.25	29.32	26.24	0
"2012-12-17	21:00:00"	9.23	252.5	10.24	17.7	6.919	259	12.77	13.52	49.99	49.3	0.695	35.57	35.01	26.244	0
"2012-12-17	22:00:00"	9.97	244.2	9.88	14.72	7.66	248.6	12.18	12.33	49.69	48.88	0.814	36.03	35.73	26.241	0
"2012-12-17	23:00:00"	8.15	250.3	11.37	15.31	6.062	255.1	13.01	11.74	48.08	47.23	0.848	37.96	37.74	26.237	0
"2012-12-18	00:00:00"	9.05	234	26.47	14.72	6.717	236.6	30.81	12.93	45.86	45.09	0.77	42.22	41.81	26.235	0
"2012-12-18	01:00:00"	6.843	208.6	16.44	9.95	4.914	204.2	17.92	8.16	42.57	41.53	1.04	46.64	46.74	26.222	0
"2012-12-18	02:00:00"	9.99	237.2	16.74	15.31	7.512	242.6	19.37	12.93	43.52	42.52	1.007	44.54	44.78	26.206	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-18	03:00:00"	9.46	253.2	8.47	13.52	6.871	260.2	10.8	11.74	43.07	42.04	1.028	45.45	45.77	26.198	0
"2012-12-18	04:00:00"	12.16	264.4	7.164	17.7	9.49	269.2	7.928	15.91	45.52	44.44	1.08	44.25	44.38	26.198	0
"2012-12-18	05:00:00"	11.83	271.6	9.86	17.1	8.14	276.5	11.16	14.12	45.68	44.25	1.431	44.44	45.32	26.175	0
"2012-12-18	06:00:00"	12.69	271.4	6.769	18.89	9.12	276.2	9.33	15.91	46.17	44.88	1.296	44.14	44.83	26.158	0
"2012-12-18	07:00:00"	12.08	264.5	12.06	17.7	9.18	268.6	14.83	16.51	44.86	44.05	0.81	46.34	46.3	26.162	0
"2012-12-18	08:00:00"	10.47	255.9	8.79	15.31	7.661	262.5	10.86	12.33	42.54	41.5	1.035	50.29	50.64	26.176	2.6619
"2012-12-18	09:00:00"	12.19	254.6	7.602	16.51	8.85	262.4	10.06	13.52	45.24	44.7	0.539	47.08	46.66	26.19	101.92
"2012-12-18	10:00:00"	10.97	235.8	21.39	17.1	8.98	238.4	26.11	15.31	50.38	50.48	-0.099	39.85	38.45	26.201	278.89
"2012-12-18	11:00:00"	13.84	227.8	12.57	21.87	11.54	229.3	15.71	19.49	57.27	57.47	-0.201	31.46	29.9	26.203	436.17
"2012-12-18	12:00:00"	12.65	226.5	15.13	19.49	10.47	227.4	17.6	18.3	62.37	62.88	-0.505	25.42	23.61	26.208	548.6
"2012-12-18	13:00:00"	12.99	236	15.97	19.49	10.79	239	18.57	17.7	65.12	65.86	-0.738	21.42	19.5	26.18	597.29
"2012-12-18	14:00:00"	13.94	227.3	14.85	23.07	11.55	228.6	17.65	21.28	68.11	68.71	-0.603	18.82	16.93	26.148	550.36
"2012-12-18	15:00:00"	14.77	228.5	16.03	24.86	12.19	229.6	18.03	20.68	70.18	70.63	-0.455	15.46	13.65	26.12	429.16
"2012-12-18	16:00:00"	15.09	233.1	13.45	23.07	12.56	233.8	16.65	22.47	70.76	70.81	-0.048	12.98	11.33	26.111	184.72
"2012-12-18	17:00:00"	13.73	228	12.58	22.47	11.4	227.6	14.82	19.49	69.19	69.01	0.171	13.48	11.9	26.11	91.327
"2012-12-18	18:00:00"	10.21	230.9	11.7	16.51	8.31	231.1	15.57	14.72	66.65	66.23	0.421	15.87	14.48	26.112	32.777
"2012-12-18	19:00:00"	6.643	229.2	20.8	14.12	4.066	230	24.44	12.93	64.69	63.68	1.013	16.4	15.45	26.116	0.17552
"2012-12-18	20:00:00"	6.423	226	17.61	11.14	3	229.1	23.97	8.16	60.6	59.2	1.403	18.5	17.96	26.119	0
"2012-12-18	21:00:00"	5.67	205.1	21.35	9.95	2.257	201.1	27.37	6.368	58.25	56.77	1.481	19.47	19.22	26.127	0
"2012-12-18	22:00:00"	5.336	210.5	19.5	9.35	2.442	210.5	21.72	6.368	57.3	55.97	1.334	19.77	19.42	26.123	0
"2012-12-18	23:00:00"	5.409	180.8	21.75	8.16	1.925	175.2	23.26	6.964	54.88	53.12	1.758	21.42	22.03	26.115	0
"2012-12-19	00:00:00"	5.437	184.6	11.24	8.16	1.464	186.6	16.62	5.771	54.1	52.3	1.804	21.94	22.54	26.109	0
"2012-12-19	01:00:00"	6.723	178.9	13.74	9.95	4.429	180.5	18.84	7.561	51.96	50.68	1.283	23.6	23.63	26.101	0
"2012-12-19	02:00:00"	6.446	176.2	14.48	10.54	3.573	175.7	20.77	8.16	52.26	50.74	1.523	22.67	22.89	26.065	0
"2012-12-19	03:00:00"	4.86	206.8	32.81	11.74	2.124	216.7	41.96	8.75	50.05	48.94	1.112	24.32	24.27	26.049	0
"2012-12-19	04:00:00"	6.067	202.7	14.7	11.14	2.708	204.5	20.33	7.561	49.36	47.87	1.49	24.01	24.22	26.029	0
"2012-12-19	05:00:00"	7.348	191.5	10.37	11.74	4.267	190.5	14.15	8.75	48.04	46.25	1.784	24.81	25.32	26.013	0
"2012-12-19	06:00:00"	5.845	197.2	10.2	9.35	3.424	202.5	13.22	7.561	45.3	44.81	0.494	27.47	26.73	26	0
"2012-12-19	07:00:00"	2.723	206.4	30.11	5.175	1.017	256.9	48.16	2.789	43.8	42.86	0.933	30.07	30.27	26.005	0
"2012-12-19	08:00:00"	3.411	196.5	24.31	5.771	1	220.6	59.17	1	44.73	42.96	1.774	30.39	31.61	26.007	0.70663
"2012-12-19	09:00:00"	5.045	199	28.3	8.16	2.08	204	40.53	5.771	44.41	43.5	0.906	31.74	32.39	26.019	23.513
"2012-12-19	10:00:00"	6.622	252.6	16.34	9.95	4.291	263.7	20.98	8.75	46.19	45.46	0.732	30.21	30.79	26.043	90.284
"2012-12-19	11:00:00"	5.396	226.1	20.05	8.16	4.377	227.7	23.28	8.16	50.26	50.39	-0.134	26.76	25.56	26.059	204.85
"2012-12-19	12:00:00"	11.62	234	19.47	29.03	9.22	235.5	24.06	26.05	57.71	57.65	0.059	18.03	16.8	26.05	305.38
"2012-12-19	13:00:00"	23.86	256.5	10.11	37.98	19.15	263.8	12.69	35	64.11	64.63	-0.517	15.31	13.51	26.029	416.17
"2012-12-19	14:00:00"	32.56	252	10.68	48.71	26.01	258.6	13.95	46.33	64.99	65.41	-0.413	22.78	20.87	26.009	395.75
"2012-12-19	15:00:00"	35.31	263	10.46	52.29	28.35	269.9	11.36	42.15	63.98	64.04	-0.06	27.39	25.79	26.013	233.3
"2012-12-19	16:00:00"	42.51	270.4	8.24	65.41	33.02	274.9	10.22	60.04	60.98	61.53	-0.552	28.5	26.68	26.051	283.62
"2012-12-19	17:00:00"	36.12	264.4	9.68	56.47	29.13	270.9	10.16	45.73	57.92	57.87	0.053	28.55	27.05	26.092	133.88
"2012-12-19	18:00:00"	30.56	272.1	9.09	46.33	23.44	277.1	10.42	36.78	55.29	55.24	0.053	19.06	17.64	26.134	23.857
"2012-12-19	19:00:00"	20.72	313.1	11.17	34.4	14.36	316.1	12.21	25.45	50.45	50.28	0.169	15.85	14.56	26.202	0.11004
"2012-12-19	20:00:00"	20.22	314.3	7.503	31.42	13.73	316.8	9.05	26.05	47.64	47.22	0.418	17.82	16.64	26.258	0
"2012-12-19	21:00:00"	25.08	314.6	7	39.17	17.39	317.8	8.9	29.63	45.39	45.37	0.023	20.39	19.06	26.31	0
"2012-12-19	22:00:00"	22.48	313.3	8.07	43.35	15.07	316	9.74	37.98	43.86	43.6	0.261	21.36	20.17	26.368	0
"2012-12-19	23:00:00"	24.9	350.5	21.14	46.33	19.67	348.7	20.09	36.19	38.47	40.5	-2.033	32.32	28.74	26.421	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-20	00:00:00"	14.67	8.95	8.71	28.43	11.71	5.807	13.21	24.86	33.44	34.64	-1.2	36.62	34.46	26.48	0	0	
"2012-12-20	01:00:00"	12.09	353.7	11.89	18.89	9.16	349.7	10.55	15.31	31.17	30.73	0.436	36.97	36.25	26.505	0	0	
"2012-12-20	02:00:00"	9.78	352.7	10.43	15.31	6.655	350.7	10.01	11.14	29.27	28.28	0.989	39.2	39.23	26.528	0	0	
"2012-12-20	03:00:00"	7.923	329.9	23.53	12.33	4.045	327.4	21.54	9.35	27.54	26.03	1.512	40.97	42.05	26.548	0.00077	0	
"2012-12-20	04:00:00"	7.199	319.7	14.8	12.33	3.454	319.7	10.49	8.75	26.09	24.07	2.02	41.33	43.05	26.579	0.01133	0	
"2012-12-20	05:00:00"	7.979	341.3	4.371	10.54	3.431	343	9.34	8.16	24.24	21.4	2.841	42.32	46.31	26.595	0.05184	0	
"2012-12-20	06:00:00"	9.45	320.9	7.081	11.74	4.09	322.8	10.04	7.561	22.66	19.54	3.121	43.31	48.06	26.609	0.09497	0	
"2012-12-20	07:00:00"	9.9	319	5.431	12.33	4.977	319.7	6.965	7.561	22.04	19.32	2.714	44.96	48.93	26.632	0.07529	0	
"2012-12-20	08:00:00"	7.768	319.8	14.15	9.95	2.335	327.4	15.63	4.578	20.93	17.78	3.144	46.69	51.33	26.658	2.4901	0	
"2012-12-20	09:00:00"	7.949	324.5	17.23	11.74	4.46	324.9	18.37	8.75	22.84	21.67	1.171	42.77	45.98	26.674	100.84	0	
"2012-12-20	10:00:00"	7.287	286	15.67	11.14	4.811	289.1	16.79	9.35	27.29	29.21	-1.915	35.39	33.08	26.707	277.09	0	
"2012-12-20	11:00:00"	4.997	243.6	29.56	9.35	3.535	246.7	31.37	8.16	33.65	35.29	-1.638	26.86	24.7	26.728	435.81	0	
"2012-12-20	12:00:00"	9.31	248.8	14.86	15.91	7.688	252.9	17.51	14.12	37.84	40.11	-2.267	25.07	22.29	26.735	548.5	0	
"2012-12-20	13:00:00"	9.55	248.7	17.35	15.31	7.919	252.1	20.18	14.72	40.87	43.31	-2.446	22.79	19.89	26.715	602.32	0	
"2012-12-20	14:00:00"	9.57	250.6	18.84	15.91	7.762	254.5	20.19	14.72	43.55	46.25	-2.691	20.16	17.3	26.691	582.03	0	
"2012-12-20	15:00:00"	8.65	254.8	17.05	15.31	6.982	258.5	19.34	13.52	45.9	48.74	-2.843	17.86	15.12	26.669	516.89	0	
"2012-12-20	16:00:00"	8.29	241	22.6	12.93	6.829	244.3	25.16	14.12	47.19	49.65	-2.469	16.63	14.2	26.662	387.31	0	
"2012-12-20	17:00:00"	7.522	237	15.81	12.33	6.119	240.2	17.77	10.54	47.48	48.88	-1.393	15.76	13.66	26.656	223.03	0	
"2012-12-20	18:00:00"	5.96	217.4	16.31	9.95	3.774	215.6	19.37	8.75	46.41	46.63	-0.221	15.9	14.32	26.652	48.196	0	
"2012-12-20	19:00:00"	5.209	212.7	12.01	8.75	1.445	205.7	14.14	5.771	42.45	42.05	0.394	17.56	16.33	26.658	0.13403	0	
"2012-12-20	20:00:00"	5.424	208	11.77	8.16	1.73	199.4	11.99	6.368	38.39	37.73	0.655	19.29	18.41	26.668	0	0	
"2012-12-20	21:00:00"	5.274	207.2	10.48	7.561	1.162	198.2	11.97	5.175	35.86	35	0.856	20.54	19.85	26.675	0	0	
"2012-12-20	22:00:00"	5.323	217.4	12.49	8.75	1.75	216.2	14.55	6.368	36.05	35.16	0.89	20.34	19.56	26.681	0	0	
"2012-12-20	23:00:00"	4.62	233.7	10.47	6.368	1.086	244.8	13.87	4.578	35.33	34.2	1.128	20.83	20.47	26.682	0	0	
"2012-12-21	00:00:00"	4.324	234.7	10.6	7.561	1.378	246.7	18.94	6.368	34.84	33.64	1.197	21.09	20.79	26.673	0	0	
"2012-12-21	01:00:00"	5.65	244.1	8.03	7.561	1.178	256.8	12.87	4.578	33.19	31.56	1.628	22.58	22.97	26.669	0.0001	0	
"2012-12-21	02:00:00"	6.471	247.9	8	8.75	1.972	259	7.986	5.771	31.85	30.24	1.609	23.68	24.16	26.658	0.00019	0	
"2012-12-21	03:00:00"	6.216	257	7.521	8.16	2.485	263.2	7.397	6.368	30.89	29.49	1.399	24.76	24.97	26.653	0.00038	0	
"2012-12-21	04:00:00"	5.212	255	12.41	8.16	1.145	286.8	26.92	5.175	31.91	28.09	3.821	24.08	26.43	26.644	0.00125	0	
"2012-12-21	05:00:00"	5.093	263.1	10.36	7.561	1.069	297.1	11.99	3.982	31.76	26.26	5.509	24.26	28.58	26.626	0.02122	0	
"2012-12-21	06:00:00"	6.187	280.3	14.88	8.75	1.06	308.8	10.96	3.982	30.95	22.17	8.78	24.74	33.34	26.627	0.09966	0	
"2012-12-21	07:00:00"	4.687	258.8	12.45	5.771	1.069	300.4	8.89	3.982	32.28	24.77	7.511	23.32	30.28	26.627	0.06327	0	
"2012-12-21	08:00:00"	3.293	240	23.3	5.771	1.005	317.6	21.64	2.193	32.68	25.31	7.364	22.58	29.39	26.624	2.3092	0	
"2012-12-21	09:00:00"	2.528	248	22.94	5.771	1	309.7	29.53	1	33.71	30.36	3.351	21.55	25.36	26.638	48.665	0	
"2012-12-21	10:00:00"	3.516	211.8	82.4	9.95	1.717	229.7	90.5	8.16	36.36	34.87	1.492	20.95	25.82	26.654	205.46	0	
"2012-12-21	11:00:00"	5.66	196	19.75	10.54	3.458	198.4	22.29	9.95	41.25	42.05	-0.801	16.95	15.56	26.664	333.99	0	
"2012-12-21	12:00:00"	5.739	180.2	17.34	9.95	3.939	180.5	21.71	8.16	42.91	43.95	-1.039	14.8	13.29	26.644	416.69	0	
"2012-12-21	13:00:00"	7.437	175.4	17.48	12.93	5.869	174.8	20.81	11.14	47.97	49.26	-1.294	11.74	10.07	26.605	493.82	0	
"2012-12-21	14:00:00"	9.71	182.3	14.39	17.7	7.998	182.1	17.54	14.72	51.37	53.18	-1.808	9.98	8.11	26.572	507.19	0	
"2012-12-21	15:00:00"	11.57	182.8	12.04	17.1	9.28	183.4	15.64	14.72	52.5	54.68	-2.184	9.47	7.513	26.548	438.31	0	
"2012-12-21	16:00:00"	12.2	185.7	11.23	17.7	9.79	187.3	14.34	15.31	52.92	54.51	-1.59	9.17	7.292	26.538	310.9	0	
"2012-12-21	17:00:00"	10.4	176.3	8.98	15.91	8.25	176	11.77	14.12	52.64	53.44	-0.809	9.99	8.38	26.521	206.66	0	
"2012-12-21	18:00:00"	8.83	175.8	7.183	12.93	6.747	175	9.53	10.54	52.09	51.88	0.213	10.08	8.88	26.512	47.373	0	
"2012-12-21	19:00:00"	6.179	174.8	7.113	11.14	3.481	174.4	9.8	7.561	48.61	47.58	1.037	11.43	10.73	26.514	0.11158	0	
"2012-12-21	20:00:00"	6.455	169	8.85	12.33	2.937	164.5	15.92	9.35	46.64	45.24	1.399	12.58	12.09	26.518	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2012-12-21	21:00:00"	10.91	174.2	9.13	17.1	8.13	172.3	10.49	13.52	44.12	43.58	0.541	14.01	13	26.526	0	0
"2012-12-21	22:00:00"	9.74	174.3	6.703	13.52	6.967	172.1	8.55	11.14	40.97	40.2	0.772	16.47	15.63	26.527	0	0
"2012-12-21	23:00:00"	9.62	173.9	9.2	14.12	6.872	174.4	11.1	11.14	40.02	39.13	0.891	18.03	17.27	26.533	0	0
"2012-12-22	00:00:00"	9.01	182.6	8.28	13.52	6.574	183.8	11.06	11.14	38.51	37.96	0.557	19.38	18.4	26.523	0	0
"2012-12-22	01:00:00"	8.45	186.1	8.02	14.12	5.93	190.9	11.58	10.54	37.08	36.32	0.755	20.65	19.79	26.5	0	0
"2012-12-22	02:00:00"	10.4	183.6	7.734	15.91	7.805	185.5	10.06	12.33	36.43	35.98	0.45	21.5	20.48	26.481	0	0
"2012-12-22	03:00:00"	8.17	196	11.71	12.33	5.612	200.6	12.49	9.35	33.91	33.46	0.451	23.4	22.34	26.466	0	0
"2012-12-22	04:00:00"	6.241	212.1	11.61	9.35	4.581	214.9	13.83	8.16	33.1	32.78	0.325	24.25	23.06	26.457	0	0
"2012-12-22	05:00:00"	5.334	238.4	21.12	8.75	3.656	244.6	24.92	6.368	32.91	32.37	0.536	24.46	23.66	26.447	0	0
"2012-12-22	06:00:00"	5.762	254.4	7.784	8.75	3.894	264.4	7.95	5.771	32.45	31.73	0.72	25.21	24.69	26.439	0	0
"2012-12-22	07:00:00"	7.237	241.7	9.19	9.95	5.198	248.8	11.12	8.75	32.55	31.62	0.931	25.33	25.07	26.432	0	0
"2012-12-22	08:00:00"	7.017	231.7	9.81	9.95	5.383	236.4	12.06	8.16	32.23	31.9	0.328	25.83	24.87	26.426	2.4264	0
"2012-12-22	09:00:00"	6.541	235.9	10.27	9.95	5.186	243	11.98	8.16	32.65	32.6	0.053	25.75	24.68	26.437	93.332	0
"2012-12-22	10:00:00"	7.333	213.9	12.35	11.14	6.201	213.1	15.35	10.54	36.17	36.82	-0.649	23.52	21.74	26.454	230.84	0
"2012-12-22	11:00:00"	7.05	214.9	12.65	10.54	6.074	217	14.79	9.95	40.83	41.75	-0.922	20.42	18.5	26.462	389.3	0
"2012-12-22	12:00:00"	8.3	219.1	14.46	13.52	6.926	220.6	16.99	12.33	46.42	47.32	-0.904	16.84	14.96	26.452	344.87	0
"2012-12-22	13:00:00"	10.12	214.3	13.15	15.91	8.46	214.5	15.57	14.12	50.25	50.98	-0.727	14.62	12.8	26.426	322.93	0
"2012-12-22	14:00:00"	10.33	210.4	13.03	15.91	8.5	209.3	16.02	15.31	52.25	52.91	-0.661	13.86	12.04	26.396	228.95	0
"2012-12-22	15:00:00"	9.68	199.3	11.68	15.31	7.832	199.9	13.35	11.74	54	54.56	-0.567	13.15	11.42	26.346	210.16	0
"2012-12-22	16:00:00"	10.16	213.9	13.78	17.7	8.08	215.2	15.74	15.91	55.59	56	-0.407	12.68	10.97	26.343	200.9	0
"2012-12-22	17:00:00"	9.87	209.7	12.43	17.1	6.784	206.5	14.33	14.12	55.52	55.64	-0.116	12.61	10.98	26.351	90.755	0
"2012-12-22	18:00:00"	6.795	211.1	12.75	11.74	2.061	207.9	14.73	9.35	54.97	54.79	0.179	13.04	11.58	26.345	17.604	0
"2012-12-22	19:00:00"	6.091	198	11.86	9.35	1.396	199.1	13.2	8.16	52.52	51.99	0.528	14.4	13.31	26.345	0.02894	0
"2012-12-22	20:00:00"	5.401	222.5	15.63	9.95	2.479	228.7	19.95	8.16	49.27	48.6	0.669	16.35	15.27	26.356	0	0
"2012-12-22	21:00:00"	6.597	232	10.46	9.35	4.366	231.2	13.83	6.964	48.25	47.25	0.996	17.2	16.39	26.357	0	0
"2012-12-22	22:00:00"	6.906	233.4	13.45	9.95	4.782	235.2	17.26	8.75	45.7	44.88	0.819	18.85	18.02	26.353	0	0
"2012-12-22	23:00:00"	7.356	212.4	15.69	11.74	4.917	210.4	15.52	9.95	43.78	43.11	0.678	19.99	18.99	26.353	0	0
"2012-12-23	00:00:00"	6.743	217.6	15	9.95	4.22	216.4	17.93	8.16	42.68	41.74	0.944	21.24	20.35	26.358	0	0
"2012-12-23	01:00:00"	5.755	208.8	14.47	9.35	2.156	201.7	19.08	6.368	42.61	40.71	1.904	23.62	22.87	26.343	0	0
"2012-12-23	02:00:00"	5.166	221.2	20.55	7.561	1.946	206.3	13.76	5.771	42.87	40.41	2.466	26.67	26.2	26.331	0	0
"2012-12-23	03:00:00"	5.152	224.6	12.87	7.561	1.054	220.5	17.35	4.578	40.88	39	1.877	29.86	29.42	26.328	0	0
"2012-12-23	04:00:00"	7.458	266.8	8.85	10.54	4.396	261.1	12	6.964	43.49	40.97	2.524	28.71	29.43	26.323	0	0
"2012-12-23	05:00:00"	9.04	285.4	14.24	11.74	3.842	291.3	22.29	6.368	42.33	38.36	3.97	29.25	31.69	26.313	0	0
"2012-12-23	06:00:00"	6.037	260.5	27.07	9.95	3.036	246.6	38.62	5.771	40.67	37.8	2.87	31.08	32.57	26.306	0	0
"2012-12-23	07:00:00"	6.369	281.1	20.51	11.14	3.299	273.8	33.32	7.561	39.84	38.17	1.665	32.26	32.5	26.303	0	0
"2012-12-23	08:00:00"	7.953	294.5	25.78	10.54	3.785	294.4	30.47	6.368	40.09	37.28	2.811	34.33	35.68	26.314	1.2242	0
"2012-12-23	09:00:00"	4.1	282.3	27.51	7.561	2.032	298.8	51.91	6.368	38.37	36.77	1.604	35.78	36.21	26.329	49.585	0
"2012-12-23	10:00:00"	4.662	285.8	29.35	8.75	2.514	278.6	71.41	6.368	42.21	41.49	0.715	34.62	34.45	26.337	153.52	0
"2012-12-23	11:00:00"	4.119	248.9	20.63	6.964	3.225	246.3	21.56	6.368	47.49	47.89	-0.4	31.27	29.85	26.352	275.37	0
"2012-12-23	12:00:00"	8.11	248.6	20.31	15.31	6.583	251.8	20.78	14.12	54.38	55.2	-0.829	26.63	24.67	26.346	390.74	0
"2012-12-23	13:00:00"	12.26	281.7	10.28	20.09	8.57	285.4	12.25	14.72	59.58	60.79	-1.206	24.59	22.33	26.318	343.95	0
"2012-12-23	14:00:00"	16.7	284	9.43	23.66	11.4	288.1	11.12	20.09	61.29	62.83	-1.543	24.56	22.15	26.301	335.12	0
"2012-12-23	15:00:00"	13.59	282.8	8.58	21.28	9.2	286.8	10.45	16.51	60.66	61.7	-1.035	24.23	22.11	26.291	250.4	0
"2012-12-23	16:00:00"	12.19	276.8	8.26	17.7	8.97	280.3	10.3	14.72	62.33	63.56	-1.234	22.95	20.7	26.283	339.08	0
"2012-12-23	17:00:00"	10.14	268.2	14.28	15.31	7.458	272.4	14.66	12.93	63.58	63.93	-0.356	22.22	20.48	26.285	165.18	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-23	18:00:00"	7.788	264.9	10.47	12.93	5.25	271.1	10.96	9.95	61.93	61.18	0.75	23.06	21.99	26.289	41.022	0
"2012-12-23	19:00:00"	7.57	261.2	7.527	9.95	4.62	266.7	9.34	7.561	58.47	56.62	1.849	26.62	26.38	26.304	0.08422	0
"2012-12-23	20:00:00"	6.197	274.4	12.77	9.35	2.839	287.2	26.17	5.771	55.68	52.2	3.483	29.07	30.41	26.317	0	0
"2012-12-23	21:00:00"	5.995	291.7	13.22	8.16	1.067	308.2	25.79	5.175	54.97	49	5.965	28.58	32.54	26.324	0	0
"2012-12-23	22:00:00"	8.96	307.7	20.19	14.12	3.693	317.4	31.37	8.16	51.53	43.1	8.43	29.99	36.88	26.325	0	0
"2012-12-23	23:00:00"	9.86	308.4	13.42	13.52	4.483	313.5	18.36	6.964	48.46	44.03	4.426	29.67	33.22	26.33	0	0
"2012-12-24	00:00:00"	9.33	307	8.05	11.74	4.551	320.2	11.16	6.964	47.84	40.6	7.245	23.46	30.91	26.324	0	0
"2012-12-24	01:00:00"	8.08	310.5	15.82	9.95	3.262	326.6	30.19	6.964	51.35	39.46	11.9	16.74	26.77	26.31	0	0
"2012-12-24	02:00:00"	10.07	313.5	21.3	14.72	5.111	319.1	26.96	9.35	45.39	39.86	5.526	22.21	26.11	26.29	0	0
"2012-12-24	03:00:00"	10.96	353.2	13.13	14.12	6.582	357.9	13.52	9.95	43.13	39.49	3.634	23.14	25.68	26.28	0	0
"2012-12-24	04:00:00"	10.65	355.4	12.99	12.93	6.152	1.525	10.4	7.561	42.73	36.94	5.795	23.92	28.03	26.277	0	0
"2012-12-24	05:00:00"	9.98	2.016	16.73	12.33	6.199	4.38	17.25	9.35	42.08	38.7	3.382	23.46	25.75	26.272	0	0
"2012-12-24	06:00:00"	8.45	33.92	12.4	11.74	6.256	39.89	14.25	9.95	33.52	33.06	0.465	32.47	32.02	26.272	0	0
"2012-12-24	07:00:00"	10.4	13.61	5.782	12.33	6.315	12.78	11.16	8.75	34.16	31.51	2.643	31.21	33.53	26.26	0	0
"2012-12-24	08:00:00"	6.75	20.54	23.85	12.33	3.692	18.26	46.89	6.964	39.72	33.93	5.796	24.79	29.81	26.258	2.3524	0
"2012-12-24	09:00:00"	6.925	43.1	22.18	10.54	4.567	36.72	35.46	8.16	40	36.99	3.012	25.59	27.29	26.262	35.962	0
"2012-12-24	10:00:00"	4.518	84.2	36.87	9.35	2.683	89	56.73	8.75	39.69	39.12	0.569	26.88	27.02	26.272	167.79	0
"2012-12-24	11:00:00"	6.529	135.5	17.29	9.95	5.446	136.8	17.25	8.16	45.18	45.86	-0.684	22.38	20.89	26.28	327.94	0
"2012-12-24	12:00:00"	12.31	167.9	14.12	20.09	9.95	167.9	16	17.7	53.39	54.29	-0.902	17.76	16.08	26.249	408.24	0
"2012-12-24	13:00:00"	14.08	198.5	14.51	21.87	11.29	198.6	16.41	18.89	56.05	57.14	-1.088	19.7	17.62	26.214	332.94	0
"2012-12-24	14:00:00"	12.56	211.6	13.27	20.68	10.48	208.7	15.74	17.1	57.47	58.18	-0.708	19.96	18.05	26.169	265.81	0
"2012-12-24	15:00:00"	12.5	209.8	12.65	19.49	10.2	207.4	15.27	17.7	58.62	59.29	-0.67	19.58	17.67	26.131	231.86	0
"2012-12-24	16:00:00"	10.48	208.6	12.95	17.1	8.65	207.5	14.56	15.31	59.03	59.5	-0.473	20.33	18.51	26.112	124.79	0
"2012-12-24	17:00:00"	12.51	192	12.92	21.28	10	192.1	13.44	17.1	58.77	58.93	-0.156	21.25	19.65	26.09	46.641	0
"2012-12-24	18:00:00"	14.6	193.8	9.61	22.47	11.32	196.8	12.19	18.3	59.4	59.38	0.018	21.56	20.08	26.059	14.341	0
"2012-12-24	19:00:00"	10.82	209.3	12.53	18.3	8.6	205.6	14	14.72	57.87	57.8	0.067	22.53	21.05	26.055	0.08309	0
"2012-12-24	20:00:00"	11.58	223.4	14.4	21.28	9.38	223.2	16.5	18.89	57.61	57.36	0.257	20.81	19.47	26.042	0	0
"2012-12-24	21:00:00"	8.86	227.3	13.18	14.72	6.99	227.9	14.53	12.33	55.26	55.01	0.245	21.3	19.95	26.037	0	0
"2012-12-24	22:00:00"	8.09	227.7	14.54	12.93	5.963	230.2	18.77	11.14	52.08	51.32	0.766	23.22	22.28	26.027	0	0
"2012-12-24	23:00:00"	9.5	224.9	13.5	16.51	7.437	223.9	16.07	13.52	50.6	50.01	0.592	27.81	26.69	26.023	0	0
"2012-12-25	00:00:00"	7.179	206.4	19.73	15.31	5.13	203.6	21.82	11.74	47.92	47.31	0.612	33.09	32.18	26.012	0	0
"2012-12-25	01:00:00"	6.686	254.9	11.23	14.72	4.334	259.3	13.26	12.33	50.01	48.34	1.673	31.08	31.13	25.998	0	0
"2012-12-25	02:00:00"	15.78	285.2	11.65	32.01	10.01	290.6	13.24	24.86	50.03	49.53	0.504	36.35	35.5	26.012	0	0
"2012-12-25	03:00:00"	15.91	270	9.61	31.42	12.51	274.3	10.5	25.45	49.16	49.47	-0.31	49.26	47.29	26.006	0	0
"2012-12-25	04:00:00"	13.77	286.2	8.03	20.09	8.54	291.3	10.02	16.51	45.3	45.32	-0.025	58.71	57.34	26.027	0	0
"2012-12-25	05:00:00"	11.51	292.9	10.63	20.09	7.964	297.2	11.75	15.91	42.02	41.74	0.274	59.79	59.18	26.035	0	0
"2012-12-25	06:00:00"	13.79	285.2	7.032	18.89	8.79	289.7	8.89	15.91	40.76	40.29	0.475	56.69	56.48	26.048	0	0
"2012-12-25	07:00:00"	12.35	284.3	10.67	23.66	7.895	289.6	11.38	14.72	38.76	38.32	0.433	55.77	55.5	26.078	0	0
"2012-12-25	08:00:00"	21.28	325.7	27.4	36.19	14.99	327.5	25.98	32.61	38.3	39.32	-1.017	55.08	52.1	26.122	1.1171	0
"2012-12-25	09:00:00"	25.16	11.57	8.08	38.57	20.26	9.62	14.67	32.61	27.91	31.99	-4.087	67.19	55.95	26.191	61.296	0
"2012-12-25	10:00:00"	23.42	3.626	13.5	33.21	18.71	359.5	16.36	27.24	27.19	31.77	-4.584	58.04	48.47	26.262	191.56	0
"2012-12-25	11:00:00"	21.78	349.9	13.72	30.82	17.68	347.6	14.71	26.65	27.52	31.52	-3.998	50.39	43.01	26.321	394.94	0
"2012-12-25	12:00:00"	22.7	348.3	13.95	33.8	18.2	346.3	13.49	27.84	30.26	33.82	-3.558	43.68	38.18	26.353	507.63	0
"2012-12-25	13:00:00"	24.56	355.3	14.37	36.19	19.91	352.7	15.63	31.42	31.64	36.38	-4.737	37.62	31.78	26.366	561.45	0
"2012-12-25	14:00:00"	23.69	352.8	13.14	34.4	19.18	349.8	15.34	30.82	31.5	36.2	-4.699	36.46	30.67	26.374	548.94	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-25	15:00:00"	21.95	354.8	14.32	32.61	17.87	352.3	15.33	29.63	31.64	36.25	-4.601	36.02	30.28	26.388	486.81	0
"2012-12-25	16:00:00"	21.45	352.9	15.55	32.01	17.3	350	15.04	28.43	30.99	34.81	-3.822	37.53	32.47	26.394	347.35	0
"2012-12-25	17:00:00"	22.13	358.8	14.36	30.82	17.73	355.5	15.75	27.24	29.71	33.36	-3.644	39.56	34.28	26.407	151.24	0
"2012-12-25	18:00:00"	15.71	0.521	12.55	27.84	12.66	356.7	13.64	25.45	27.56	29.72	-2.16	43.4	38.99	26.419	20.556	0
"2012-12-25	19:00:00"	15.47	3.779	11.81	26.05	12.54	359.9	13.41	22.47	25.51	27.72	-2.211	47.45	42.9	26.428	0.11141	0
"2012-12-25	20:00:00"	16.76	9.31	10.45	26.65	13.56	5.851	14.25	21.87	23.45	26.32	-2.868	51.24	45.37	26.441	0	0
"2012-12-25	21:00:00"	20.13	8.81	8.47	29.63	16.22	5.833	14.9	25.45	21.45	25.69	-4.243	54.05	44.29	26.447	0.01306	0
"2012-12-25	22:00:00"	20.74	12.9	7.042	29.63	16.71	10.66	12.96	27.24	20.46	24.65	-4.186	56.13	45.71	26.444	0.07143	0
"2012-12-25	23:00:00"	13.18	7.157	10.2	24.86	10.67	4.117	14.17	23.66	19.85	22.48	-2.627	58.45	51.62	26.472	0.05808	0
"2012-12-26	00:00:00"	12.24	14.33	7.091	16.51	9.83	12.28	12.82	15.31	19.57	21.35	-1.785	59.63	55.54	26.476	0.05309	0
"2012-12-26	01:00:00"	12.06	11.07	8.18	17.7	9.71	8.36	12.98	16.51	18.96	20.74	-1.78	60.92	56.74	26.487	0.01805	0
"2012-12-26	02:00:00"	8.82	5.464	11.36	14.72	7.095	1.413	13.3	13.52	18.36	19.04	-0.683	62.53	59.93	26.491	0.11166	0
"2012-12-26	03:00:00"	9.45	12.54	13.24	15.91	7.648	10.63	17.36	14.12	17.72	18.81	-1.096	63.7	60.81	26.488	0.1182	0
"2012-12-26	04:00:00"	5.596	353	21.15	8.75	4.233	349.2	20.24	7.561	17.16	17.18	-0.017	64.93	63.37	26.486	0.11168	0
"2012-12-26	05:00:00"	6.653	356.4	16.12	9.95	5.377	353.7	16.18	8.16	17.08	17.32	-0.239	65.22	63.66	26.473	0.10698	0
"2012-12-26	06:00:00"	9.07	15.28	8.21	13.52	7.655	14.53	12.34	12.33	17.36	18.38	-1.029	64.12	61.68	26.447	0.10976	0
"2012-12-26	07:00:00"	7.358	23.38	7.19	12.33	6.322	24.6	11.28	11.14	17.28	18.13	-0.85	63.72	60.94	26.437	0.07557	0
"2012-12-26	08:00:00"	5.351	18.45	12.6	8.16	4.748	18.05	15.81	7.561	17.16	17.64	-0.475	63.97	61.85	26.439	0.65582	0
"2012-12-26	09:00:00"	5.951	24.45	8.37	8.16	5.298	25.28	12.12	7.561	17.71	18.66	-0.944	63.31	60.67	26.435	39.277	0
"2012-12-26	10:00:00"	3.595	359.2	31.26	6.964	3.24	359.2	30.94	6.368	19.59	20.44	-0.848	60.83	58.05	26.444	153.07	0
"2012-12-26	11:00:00"	3.153	214	41.57	7.561	2.924	216	44.99	6.964	22.26	23.68	-1.412	56.76	53.3	26.456	259.35	0
"2012-12-26	12:00:00"	3.897	192.3	26.3	8.16	3.531	197	35.05	6.964	25.79	27.25	-1.459	51.2	47.7	26.43	386.92	0
"2012-12-26	13:00:00"	5.591	181.1	26.4	9.95	4.821	181.5	32.73	8.75	29.39	31.11	-1.725	45.88	41.92	26.388	448.92	0
"2012-12-26	14:00:00"	7.212	171.8	17.05	12.93	6.222	170.6	19.99	11.74	32.71	34.4	-1.693	43.3	39.33	26.346	419.62	0
"2012-12-26	15:00:00"	9.72	171.7	14.04	16.51	8.18	171.6	16.51	14.12	35.24	36.7	-1.462	40.82	37.51	26.302	359.36	0
"2012-12-26	16:00:00"	11.81	166.1	13.43	18.3	9.87	164.9	14.57	15.31	37.09	38.7	-1.61	38.87	35.65	26.273	374.27	0
"2012-12-26	17:00:00"	12.33	165.4	10.66	18.3	10.23	165.5	12.21	17.1	38.89	39.85	-0.955	37.29	34.78	26.256	161.51	0
"2012-12-26	18:00:00"	10.52	161.1	9.54	16.51	8.75	159.8	10.65	14.12	38.56	38.85	-0.291	38.59	36.74	26.24	19.701	0
"2012-12-26	19:00:00"	10.35	150.3	9.52	14.72	8.58	149.4	9.54	14.12	36.82	36.95	-0.135	40.32	38.57	26.228	0.11681	0
"2012-12-26	20:00:00"	7.809	140.5	7.467	11.14	5.691	140.2	8.11	8.16	34.3	33.85	0.444	42.05	40.71	26.232	0	0
"2012-12-26	21:00:00"	7.956	151.5	6.964	12.93	6.148	149	6.775	10.54	33.29	32.85	0.441	44.22	43.04	26.228	0	0
"2012-12-26	22:00:00"	8.32	158.6	9.63	12.93	6.642	157.5	10.14	10.54	32.25	32.12	0.131	46.27	44.8	26.212	0	0
"2012-12-26	23:00:00"	7.984	155	8.66	12.93	6.192	154.3	9.11	9.35	31.12	30.82	0.292	47.29	46.1	26.197	0.0001	0
"2012-12-27	00:00:00"	7.731	150.8	8.26	12.93	5.901	149.8	7.984	11.14	29.92	29.63	0.288	47.78	46.69	26.191	0	0
"2012-12-27	01:00:00"	9.49	168.5	8.54	14.72	7.258	167.2	9.88	12.33	28.34	28.16	0.184	50.34	49.01	26.163	0	0
"2012-12-27	02:00:00"	10.51	186.3	8.53	17.1	8.02	188.9	11.99	14.12	28.55	28.42	0.124	51.95	50.61	26.134	0	0
"2012-12-27	03:00:00"	12.28	191.5	7.932	18.89	9.47	194.7	11.1	16.51	28.86	28.78	0.08	52.92	51.63	26.115	0	0
"2012-12-27	04:00:00"	12.08	197.6	9.77	19.49	9.58	199.6	11.1	15.31	29.72	29.85	-0.128	52.42	50.76	26.114	0	0
"2012-12-27	05:00:00"	7.078	242	24.43	12.33	5.524	250	29.23	10.54	27.84	27.83	0.005	55.16	53.59	26.11	0	0
"2012-12-27	06:00:00"	7.118	256.6	12.69	9.95	5.42	264.9	14.71	8.75	28.66	28.22	0.438	54.52	53.82	26.11	0	0
"2012-12-27	07:00:00"	6.779	239.1	12.37	9.35	5.346	245.8	14.77	8.16	28.6	28.35	0.25	54.68	53.66	26.109	0	0
"2012-12-27	08:00:00"	6.715	243.6	10.75	8.75	5.095	250.2	12.38	7.561	28.51	28.2	0.31	54.79	53.83	26.12	0.60024	0
"2012-12-27	09:00:00"	5.846	235.2	12.74	8.75	4.645	240	15.95	6.964	29.09	28.94	0.152	54.28	53.18	26.127	41.954	0
"2012-12-27	10:00:00"	5.791	221.2	14.5	9.95	5.04	224.8	17.93	9.35	31.06	31.29	-0.226	51.85	50.14	26.14	134.94	0
"2012-12-27	11:00:00"	4.705	228.6	75.03	9.95	4.224	231.8	73.72	9.95	33.91	34.36	-0.443	47.47	45.36	26.155	205.07	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-27	12:00:00"	2.889	210.4	54.57	5.771	2.857	213.3	52.81	5.771	38.19	38.79	-0.601	40.6	38.52	26.162	431.53	0	
"2012-12-27	13:00:00"	2.294	187.9	43.87	6.368	1.352	192.3	45.39	5.175	42.72	43.15	-0.429	35.35	33.52	26.137	318.68	0	
"2012-12-27	14:00:00"	4.78	173.3	20.27	7.561	4.118	175.2	23.34	6.964	44.98	45.74	-0.755	32.04	30	26.101	306.13	0	
"2012-12-27	15:00:00"	4.004	174.8	18.84	7.561	3.401	173.9	22.67	6.964	47.17	47.68	-0.509	29.43	27.56	26.083	209.35	0	
"2012-12-27	16:00:00"	4.141	169.4	16.15	6.964	3.436	168.6	17.47	6.368	49.5	50.01	-0.502	26.54	24.77	26.068	302.34	0	
"2012-12-27	17:00:00"	5.742	158.5	19.69	9.95	4.672	158.7	22.55	8.75	52.65	53.09	-0.442	22.67	20.93	26.062	229.73	0	
"2012-12-27	18:00:00"	4.939	141.2	33.21	8.16	3.445	135.4	40.62	6.368	52.59	51.7	0.889	22.62	21.79	26.062	53.576	0	
"2012-12-27	19:00:00"	8.44	81.1	12.82	12.33	4.842	69.72	18.88	7.561	48.27	44.29	3.977	26.12	27.43	26.07	0.30316	0	
"2012-12-27	20:00:00"	9.99	99	10.52	13.52	5.77	93.4	12.56	8.16	41.97	39.58	2.389	33.55	34.05	26.082	0	0	
"2012-12-27	21:00:00"	6.982	109.1	5.927	9.95	3.14	85.8	27.22	5.771	41.59	38.94	2.65	34.59	35.42	26.1	0	0	
"2012-12-27	22:00:00"	3.499	188.1	49.1	9.35	1.7	203.4	75.94	7.561	42.22	39.77	2.448	34.36	35.17	26.11	0	0	
"2012-12-27	23:00:00"	4.468	260.8	22.41	11.74	2.376	307.4	21.52	7.561	41.46	37.1	4.357	35.31	38.15	26.122	0	0	
"2012-12-28	00:00:00"	12.87	276.8	8.98	18.3	8.65	282.6	12.02	14.72	42.79	41.21	1.579	35.56	35.89	26.155	0	0	
"2012-12-28	01:00:00"	10.79	286.1	12.14	21.87	6.722	289.2	13.95	14.72	42.67	42.08	0.589	41.52	40.66	26.161	0	0	
"2012-12-28	02:00:00"	11.54	284.1	29.5	25.45	7.069	289.9	31.56	18.89	44.6	44.2	0.395	40.28	39.43	26.158	0	0	
"2012-12-28	03:00:00"	13.54	274.3	10.23	21.87	9.98	279	11.67	18.89	43.92	43.89	0.022	42.59	41.15	26.168	0	0	
"2012-12-28	04:00:00"	12.35	281.9	7.344	18.3	8.37	286.9	9.02	16.51	41.31	41.11	0.196	49.73	48.51	26.173	0	0	
"2012-12-28	05:00:00"	10.91	301.1	8.51	15.91	5.875	305.3	10.17	9.95	37.85	37.17	0.678	55.18	54.78	26.177	0	0	
"2012-12-28	06:00:00"	11.68	310	7.034	15.31	7.003	313.8	8.82	12.33	34.56	33.79	0.779	59.65	59.71	26.194	0	0	
"2012-12-28	07:00:00"	13.06	332.4	20.66	20.68	9.39	332.9	18.54	17.1	33.12	32.54	0.575	55.23	55.66	26.222	0	0	
"2012-12-28	08:00:00"	15.11	6.962	9.42	21.28	12.27	3.984	12.66	18.89	25.97	28.32	-2.355	62.68	57.26	26.257	1.3309	0	
"2012-12-28	09:00:00"	15.26	7.316	9.16	21.87	12.29	4.4	13.19	19.49	22.93	26	-3.074	69.96	63.68	26.291	83.726	0	
"2012-12-28	10:00:00"	16	11.89	9.28	21.87	13.16	10.08	13.25	18.89	24.6	28.45	-3.85	67.61	59.59	26.334	254.88	0	
"2012-12-28	11:00:00"	15.19	2.558	13.25	20.68	12.58	359.6	15.3	18.89	28.88	31.84	-2.964	57.99	52.07	26.364	413.02	0	
"2012-12-28	12:00:00"	14.41	4.676	12.93	21.28	11.95	1.964	15.87	20.09	32.14	35.3	-3.158	47.93	42.02	26.376	529.3	0	
"2012-12-28	13:00:00"	12.9	4.419	14.59	20.09	11	2.651	17.67	17.7	35.38	38.26	-2.879	41.9	37.02	26.36	588	0	
"2012-12-28	14:00:00"	12.03	351.7	17.49	20.09	10.06	349.2	17.67	20.09	38	40.82	-2.823	37.14	32.91	26.346	572.36	0	
"2012-12-28	15:00:00"	11.97	345.7	16.17	18.89	10.12	344.8	16.27	18.3	39.88	42.49	-2.606	34.43	30.49	26.336	513.29	0	
"2012-12-28	16:00:00"	10.92	358	17.8	18.89	9.19	356.2	18.78	17.1	41.66	43.86	-2.199	32.68	29.19	26.335	386.64	0	
"2012-12-28	17:00:00"	8.84	15.25	15.23	14.72	7.51	14.32	18.51	14.12	41.92	43.4	-1.486	32.81	29.89	26.341	225.86	0	
"2012-12-28	18:00:00"	6.676	41.49	28.29	9.35	5.124	44.38	32.05	9.35	41.07	41.25	-0.177	33.86	31.94	26.353	56.079	0	
"2012-12-28	19:00:00"	8.46	100.2	7.035	9.95	4.374	98.7	12.73	5.771	38.13	34.9	3.237	36.81	37.15	26.371	0.35371	0	
"2012-12-28	20:00:00"	8.95	95.2	2.737	10.54	4.712	79.57	6.013	6.368	35.94	31.72	4.225	39	41.02	26.392	0	0	
"2012-12-28	21:00:00"	8.72	80.5	6.118	11.14	5.199	70.68	9.36	6.964	30.34	28.68	1.662	44.87	44.9	26.409	0	0	
"2012-12-28	22:00:00"	8.91	69.64	4.751	10.54	5.392	63.87	8.87	7.561	28.45	27.04	1.413	47.75	47.72	26.418	0.00038	0	
"2012-12-28	23:00:00"	7.503	56.4	13.01	10.54	4.603	40.83	22.8	6.964	27.82	26.05	1.771	49.7	50.02	26.434	0.00144	0	
"2012-12-29	00:00:00"	5.361	41.76	10.53	8.16	4.176	10.46	10.72	6.368	27.51	22.89	4.622	51.63	54.95	26.458	0.01286	0	
"2012-12-29	01:00:00"	5.948	73.53	13.12	8.16	3.34	54.05	25.42	5.771	28.33	24.53	3.795	51.37	54.65	26.476	0.0168	0	
"2012-12-29	02:00:00"	4.879	69.91	15.3	7.561	3.376	33.11	17.14	6.368	28.25	23.43	4.814	52.02	55.92	26.486	0.04378	0	
"2012-12-29	03:00:00"	5.404	48.63	10.13	7.561	4.395	20.93	8.52	5.771	27.35	21.63	5.72	53.52	59.43	26.505	0.1299	0	
"2012-12-29	04:00:00"	7.009	19.3	18.09	9.95	4.499	5.408	10.16	5.771	25.98	19.03	6.955	55.88	63.28	26.532	0.12146	0	
"2012-12-29	05:00:00"	5.709	355	35.89	9.95	3.638	350.7	15.64	5.175	26.24	18.46	7.779	56.7	66.17	26.549	0.12292	0	
"2012-12-29	06:00:00"	4.685	322.3	61.34	11.74	4.061	344.9	19.4	7.561	28.26	22.38	5.877	50.79	59.64	26.542	0.10832	0	
"2012-12-29	07:00:00"	8.93	359.5	12	10.54	5.128	1.34	10.07	6.964	21.85	17.68	4.166	61.33	66.79	26.558	0.10054	0	
"2012-12-29	08:00:00"	6.14	324	48.23	9.95	3.562	317.4	46.91	5.771	22.79	18.82	3.971	61.46	66.49	26.584	0.78198	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-29	09:00:00"	5.019	297.7	32.82	8.16	2.942	307.8	47.43	4.578	24.09	20.01	4.075	60.04	64.48	26.603	45.528	0	
"2012-12-29	10:00:00"	4.334	284.2	27.63	7.561	2.707	287.6	33.82	4.578	30	28.78	1.219	52.25	54.85	26.615	199.11	0	
"2012-12-29	11:00:00"	2.152	223.9	23.94	4.578	2.078	219.4	23.53	4.578	34.61	34.89	-0.282	44.71	43.36	26.642	351.87	0	
"2012-12-29	12:00:00"	4.218	235.6	23.95	8.16	3.77	239.1	29.4	7.561	39.06	40.14	-1.079	33.09	31.1	26.646	545.68	0	
"2012-12-29	13:00:00"	4.28	236.7	37.94	8.75	3.87	238.2	42.07	7.561	41.04	42.71	-1.665	30.16	27.52	26.621	596.28	0	
"2012-12-29	14:00:00"	7.051	189.5	40.46	12.93	6.14	193.2	43.16	12.33	43.02	46.12	-3.101	30.59	26.68	26.588	584.85	0	
"2012-12-29	15:00:00"	9.53	164	20.85	17.1	8.01	163.9	23.55	15.31	44.41	47.25	-2.847	29.84	26.12	26.566	523.91	0	
"2012-12-29	16:00:00"	9.95	164	19.6	18.89	8.31	163.2	21.01	15.91	45.73	48.24	-2.517	29.08	25.66	26.555	396.71	0	
"2012-12-29	17:00:00"	10.54	158.1	15.29	17.7	8.6	157.2	16.46	15.91	46.15	48.17	-2.019	28.37	25.38	26.546	229.74	0	
"2012-12-29	18:00:00"	11.78	144.3	8.01	18.3	9.54	144	8.3	16.51	44.43	45.67	-1.235	29.08	26.66	26.529	56.002	0	
"2012-12-29	19:00:00"	9.86	141.4	6.178	12.93	7.503	142.5	6.395	10.54	40.26	40.23	0.037	31.8	30.38	26.541	0.25215	0	
"2012-12-29	20:00:00"	10.88	131	6.613	15.31	7.823	130.6	7.306	11.74	37.51	37.18	0.334	33.26	32.16	26.544	0	0	
"2012-12-29	21:00:00"	10.47	131.5	6.28	14.12	7.487	130.6	6.798	11.74	35.68	34.86	0.826	34.7	34.04	26.535	0	0	
"2012-12-29	22:00:00"	10.48	140.8	7.641	14.72	7.964	140.6	7.842	11.14	34.07	33.58	0.49	36.19	35.42	26.535	0	0	
"2012-12-29	23:00:00"	8.85	146.1	7.497	12.93	6.796	145.8	7.018	10.54	33.09	32.67	0.418	37.06	36.13	26.535	0	0	
"2012-12-30	00:00:00"	7.948	138.9	6.581	10.54	5.529	137.5	7.711	8.75	31.82	30.98	0.846	38.14	37.68	26.529	0	0	
"2012-12-30	01:00:00"	9.31	135.9	8.29	13.52	6.534	134.1	9.19	10.54	31.54	30.48	1.06	38.16	38.09	26.512	0	0	
"2012-12-30	02:00:00"	11.98	139.8	6.004	16.51	9.35	140	6.465	12.93	32.9	32.57	0.34	36.66	35.82	26.484	0	0	
"2012-12-30	03:00:00"	11.01	136.8	7.968	15.31	8.51	137.2	8.27	12.93	31.59	31.41	0.177	38.19	37.09	26.471	0	0	
"2012-12-30	04:00:00"	7.854	114.6	7.871	11.74	5.425	110.4	10.9	9.35	29.63	29.19	0.44	40.98	39.85	26.459	0	0	
"2012-12-30	05:00:00"	7.195	116.2	8.19	9.35	4.871	112.8	11.42	7.561	28.89	28.38	0.518	43.14	42.16	26.446	0	0	
"2012-12-30	06:00:00"	6.667	108.7	7.532	9.35	4.188	104.7	10.1	6.368	28	27.35	0.643	45.8	44.8	26.43	0.0001	0	
"2012-12-30	07:00:00"	7.209	94.9	6.4	9.95	4.822	87.9	8.63	6.964	28.04	27.49	0.548	48.09	47.12	26.421	0.00029	0	
"2012-12-30	08:00:00"	6.239	102.7	9.76	8.75	4.366	96	12.21	6.368	28.95	28.64	0.312	48.33	47.3	26.432	0.1924	0	
"2012-12-30	09:00:00"	8.48	132.4	27.64	17.1	6.567	130.3	29.26	14.72	32.23	31.82	0.404	43.6	43.06	26.436	21.452	0	
"2012-12-30	10:00:00"	12.74	164.8	9.52	22.47	10.45	164.2	11.21	18.3	35.78	36.02	-0.239	38.19	36.8	26.439	82.652	0	
"2012-12-30	11:00:00"	15.03	169.6	8.03	23.66	12.14	169.4	10.55	20.68	36.52	37.03	-0.51	36.77	35.05	26.436	86.002	0	
"2012-12-30	12:00:00"	14.35	169.1	8.52	21.87	11.63	168.7	10.34	18.3	37.62	38.11	-0.485	35.27	33.55	26.428	105.5	0	
"2012-12-30	13:00:00"	13.19	176.1	7.617	18.89	10.53	175.9	10.23	17.1	38.7	39.22	-0.517	34.37	32.57	26.405	112.31	0	
"2012-12-30	14:00:00"	13.06	171.4	8.78	18.89	10.59	170.6	10.72	17.1	39.8	40.47	-0.674	33.63	31.64	26.362	135.97	0	
"2012-12-30	15:00:00"	12.91	165.7	9.95	18.89	10.5	165.3	11.6	15.91	40.69	41.19	-0.5	32.99	31.15	26.333	111.21	0	
"2012-12-30	16:00:00"	11.09	165.3	10.11	17.1	9.05	164.1	11.65	15.91	41.43	41.78	-0.344	32.59	30.89	26.312	98.793	0	
"2012-12-30	17:00:00"	9.46	156.4	10.9	13.52	7.903	155.7	11.24	12.33	42.75	42.99	-0.241	32.69	31.03	26.303	89.069	0	
"2012-12-30	18:00:00"	9.89	149.8	9.69	15.31	8.15	149	9.23	12.33	42.74	42.86	-0.117	36.31	34.7	26.297	12.884	0	
"2012-12-30	19:00:00"	9.29	154.1	16.06	14.12	7.501	153.7	15.84	11.74	41.69	41.76	-0.071	39.07	37.59	26.3	0.05254	0	
"2012-12-30	20:00:00"	11.07	148	9.08	16.51	9.24	147.2	9.09	14.12	39.84	40.17	-0.334	41.29	39.92	26.3	0	0	
"2012-12-30	21:00:00"	13.16	122	11.63	21.28	10.42	123.4	12.81	17.1	36.76	37.11	-0.342	58.63	59.91	26.278	0	0.01	
"2012-12-30	22:00:00"	14.19	154.4	29.7	21.87	11.3	155	29.8	16.51	34.65	35.11	-0.465	69.89	70.03	26.29	0.10543	0.04	
"2012-12-30	23:00:00"	7.971	198.2	23.51	14.72	6.492	199.4	25.57	12.93	33.12	33.64	-0.526	81.6	79.69	26.301	0.3454	0.09	
"2012-12-31	00:00:00"	5.221	180.1	15.72	7.561	4.113	180.7	18.01	6.368	32.88	33.26	-0.389	84.5	83.2	26.293	0.34541	0.04	
"2012-12-31	01:00:00"	4.974	185.6	39.88	10.54	3.911	188.6	43.08	9.35	33.45	33.77	-0.324	85.3	84.2	26.279	0.34541	0.06	
"2012-12-31	02:00:00"	5.524	127.8	38.6	10.54	4.19	126.8	39.56	9.95	33.97	34.26	-0.289	86	84.9	26.247	0.34175	0	
"2012-12-31	03:00:00"	6.524	132.2	18.42	10.54	5.236	133.4	18.16	8.75	34.56	34.67	-0.111	85.7	84.9	26.222	0.03684	0	
"2012-12-31	04:00:00"	5.934	181.4	40.57	12.33	4.687	183.5	44.37	10.54	35.1	35.15	-0.052	84.6	84.3	26.227	0.0118	0	
"2012-12-31	05:00:00"	5.048	198.3	58.75	8.75	3.904	201.8	62.5	6.964	35.55	35.59	-0.047	84.2	83.8	26.227	0.00029	0	

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2012-12-31	06:00:00"	5.332	203.1	16.35	8.75	4.103	203.5	16.59	6.964	35.31	35.31	-0.002	84.3	83.6	26.228	0.01161	0
"2012-12-31	07:00:00"	6.354	205.1	15.28	9.35	4.779	206	14.58	7.561	34.38	34.17	0.214	84.5	83.9	26.234	0.04826	0
"2012-12-31	08:00:00"	5.881	215.2	17.69	8.75	4.494	213.6	19.03	7.561	33.39	33.31	0.087	85.3	84.2	26.251	0.88377	0
"2012-12-31	09:00:00"	6.482	223.6	22.95	15.31	5.001	226.5	27.21	11.74	33.13	33.05	0.09	86.6	85.4	26.268	81.514	0
"2012-12-31	10:00:00"	9.74	239.2	11.9	16.51	8.27	242	13.71	14.72	38.23	38.21	0.027	77.84	80.1	26.289	257.33	0
"2012-12-31	11:00:00"	19.93	270.4	10.18	33.8	15.39	275.3	11.05	30.22	45.39	45.77	-0.376	57.71	57.94	26.295	421.77	0
"2012-12-31	12:00:00"	22.41	270.3	9.72	34.4	17.44	275.9	10.89	29.03	49.86	50.9	-1.043	43.48	42.81	26.298	522.66	0
"2012-12-31	13:00:00"	22.44	258.5	11.71	33.21	18.21	265	13.53	29.63	50.37	51.57	-1.206	40.09	38.85	26.286	593.33	0
"2012-12-31	14:00:00"	21.36	258.1	11.22	34.4	17.3	264.7	12.95	28.43	50.36	51.52	-1.163	40.9	39.35	26.264	484.69	0
"2012-12-31	15:00:00"	22.07	261.2	10.76	33.8	17.72	268	12.05	29.03	51.34	52.24	-0.897	37.5	36.34	26.244	420.79	0
"2012-12-31	16:00:00"	22.4	260.7	9.95	36.19	18.17	267.6	10.73	31.42	51.87	52.63	-0.762	34.54	33.17	26.249	311.95	0
"2012-12-31	17:00:00"	23.59	261	9.36	34.4	19.08	267.7	10.56	29.63	51.48	51.98	-0.492	33.44	32.2	26.261	195.72	0
"2012-12-31	18:00:00"	21.93	264.2	8.46	33.21	17.89	270.3	8.71	28.43	50.7	51.06	-0.36	33	31.79	26.273	81.391	0
"2012-12-31	19:00:00"	14.03	277	8.21	23.66	9.79	282.4	11.14	19.49	47.59	47.15	0.438	38.13	38.6	26.286	1.0523	0
"2012-12-31	20:00:00"	13.3	279.5	6.943	18.3	8.92	285	9.3	17.1	45.41	44.55	0.856	43.37	44.69	26.294	0	0
"2012-12-31	21:00:00"	15.69	286.5	7.631	21.87	9.8	291	9.34	17.7	44.85	44.29	0.554	44.76	45.34	26.296	0	0
"2012-12-31	22:00:00"	13.31	286	7.97	20.68	8.33	290.7	9.73	16.51	44.76	44.49	0.267	45.49	45.79	26.305	0	0
"2012-12-31	23:00:00"	9.6	276.5	8.68	15.31	6.679	281.5	10.86	11.14	44.5	44.12	0.375	44.82	45.76	26.327	0	0
"2013-01-01	00:00:00"	6.592	266.5	9.66	11.74	4.807	270.6	12.24	8.75	43.88	43.37	0.505	45.71	46.85	26.338	0	0
"2013-01-01	01:00:00"	6.916	276	9.87	11.14	4.547	279.7	11.67	9.35	42.74	42.08	0.664	49.77	51.87	26.353	0	0
"2013-01-01	02:00:00"	9.53	271.1	8.35	13.52	7.075	275.5	10.14	11.14	41.68	41.66	0.019	51.98	52.05	26.349	0	0
"2013-01-01	03:00:00"	10.21	283.4	11.73	16.51	6.574	290.9	14.22	12.93	39.5	39.05	0.455	56.32	57.3	26.361	0	0
"2013-01-01	04:00:00"	6.757	296.7	21.78	11.14	3.918	308.6	26.81	8.16	37.23	35.26	1.967	58.7	62.31	26.376	0	0
"2013-01-01	05:00:00"	7.307	19.72	20.72	11.14	4.984	17.31	21.63	9.35	31.54	30.81	0.725	74	73.65	26.384	0	0
"2013-01-01	06:00:00"	7.328	34.01	7.997	11.74	5.303	34.89	10.87	9.35	29.69	29.46	0.233	83.5	81.6	26.397	0	0
"2013-01-01	07:00:00"	8.27	28.91	8.09	12.93	6.73	31.62	11.1	10.54	27.89	28.3	-0.407	84.5	82.8	26.404	0	0
"2013-01-01	08:00:00"	9.2	26.22	8.38	14.12	7.686	28.98	11.61	12.33	26.99	27.93	-0.938	85.2	83.3	26.435	0.39069	0
"2013-01-01	09:00:00"	7.928	12.74	13.82	12.33	6.702	12.1	18.22	9.95	27.14	27.78	-0.632	85.8	84.2	26.457	26.196	0
"2013-01-01	10:00:00"	8.66	19.31	12.31	13.52	7.505	20.04	17.06	12.33	27.55	28.71	-1.162	85.8	84.6	26.475	138.9	0
"2013-01-01	11:00:00"	8.47	10.15	14.06	12.93	7.26	8.94	17.8	11.14	28.57	30.4	-1.831	85.9	83.6	26.504	321.29	0
"2013-01-01	12:00:00"	7.648	6.431	16.67	14.72	6.655	4.576	20.53	12.33	33.7	36.16	-2.457	70.76	64.81	26.508	538.99	0
"2013-01-01	13:00:00"	10.77	352.2	16.28	17.1	9.16	350.3	17.86	15.91	38.46	41.2	-2.742	51.52	47.74	26.478	603.51	0
"2013-01-01	14:00:00"	10.74	333.9	19.44	17.1	8.66	334.3	18.85	15.31	41.16	43.97	-2.808	43.86	40.15	26.452	523.61	0
"2013-01-01	15:00:00"	10.53	326.8	17.18	17.1	8.38	327.6	16.94	15.31	42.26	44.91	-2.656	41.3	37.89	26.432	503.66	0
"2013-01-01	16:00:00"	8.41	355	18.22	14.72	7.132	353.8	20.27	12.93	42.85	45.09	-2.248	41.74	38.45	26.426	343.35	0
"2013-01-01	17:00:00"	7.653	37.09	16.88	11.14	6.532	39.71	19.75	9.95	42.31	43.68	-1.367	43.9	41.49	26.436	155.47	0
"2013-01-01	18:00:00"	8.16	64.62	8.53	11.14	6.306	66.67	9.87	9.35	40.27	40.76	-0.492	47.94	46.46	26.439	36.915	0
"2013-01-01	19:00:00"	8.22	75.09	6.401	11.14	5.721	74.74	8.56	8.16	36.47	36.54	-0.067	55.19	54.67	26.443	0.28259	0
"2013-01-01	20:00:00"	8.36	80.3	8.4	11.14	5.888	80.9	9.79	8.16	34.42	34.45	-0.029	59.26	59.13	26.458	0	0
"2013-01-01	21:00:00"	9.07	68.57	7.844	11.74	6.502	68.55	9.04	9.35	33.02	33.07	-0.05	61.86	61.55	26.463	0	0
"2013-01-01	22:00:00"	9.48	62.71	7.41	12.33	7.018	63.82	8.53	10.54	32.02	32.24	-0.213	64.04	63.1	26.467	0	0
"2013-01-01	23:00:00"	9.44	60.99	7.683	11.74	7.056	62.83	9.33	9.95	30.82	30.99	-0.167	68.43	67.42	26.471	0	0
"2013-01-02	00:00:00"	8.29	64.35	8.77	11.14	5.966	65.08	9.72	8.75	29.96	30.1	-0.135	70.45	69.59	26.477	0	0
"2013-01-02	01:00:00"	5.898	67.96	10.12	8.16	4.083	64.6	12.76	6.964	28.91	28.96	-0.044	72.59	71.89	26.477	0	0
"2013-01-02	02:00:00"	5.803	70.59	9.41	7.561	3.834	65.66	11.98	5.771	28.21	28.05	0.16	73.66	73.76	26.481	0.0001	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-01-02	03:00:00"	6.249	59.78	11.71	8.75	4.209	58.14	13.32	6.368	27.63	27.51	0.122	74.33	74.54	26.486	0.00048	0
"2013-01-02	04:00:00"	5.923	77.07	9.44	8.16	4.018	70.8	11.24	6.368	26.59	26.54	0.044	75.05	75.11	26.483	0	0
"2013-01-02	05:00:00"	4.331	81.5	24.65	7.561	2.671	74.5	31.58	5.771	26.52	26.12	0.392	72.21	73.71	26.477	0.0001	0
"2013-01-02	06:00:00"	5.71	69.86	40.23	13.52	4.01	59.14	35.47	11.74	26.19	25.86	0.328	70.5	71.79	26.478	0.00029	0
"2013-01-02	07:00:00"	5.404	52.72	16.59	11.74	3.615	33.45	30.07	11.14	25.18	23.78	1.404	73.65	75.82	26.477	0.0047	0
"2013-01-02	08:00:00"	7.292	18.88	8.89	11.14	5.035	18.07	12.67	11.14	23.03	22.56	0.464	77.29	76.85	26.499	0.76441	0
"2013-01-02	09:00:00"	6.348	10.2	7.639	8.75	4.367	10.24	10.81	6.368	23.42	22.93	0.493	78.76	78.76	26.509	51.528	0
"2013-01-02	10:00:00"	4.117	17.22	28.37	6.368	3.755	18.1	26.46	6.368	28.7	29.55	-0.845	73.01	72.26	26.527	252.67	0
"2013-01-02	11:00:00"	3.434	248.7	29.18	6.964	3.026	249.2	33.97	6.368	32.77	33.72	-0.954	62.79	60.8	26.541	412.25	0
"2013-01-02	12:00:00"	5.309	248.5	23.75	9.35	4.663	250.2	26.87	8.16	36.52	38.02	-1.495	55.27	52.28	26.529	530.51	0
"2013-01-02	13:00:00"	5.247	265.6	28.04	9.95	4.489	267.3	29.77	8.75	39.48	41.09	-1.608	52.07	48.69	26.502	589.83	0
"2013-01-02	14:00:00"	4.922	277	31.43	11.74	3.983	278.5	34.36	9.95	41.91	43.65	-1.737	47.42	43.91	26.476	575.8	0
"2013-01-02	15:00:00"	4.112	276.2	57.1	8.75	3.532	274.6	58.43	8.75	43.77	45.22	-1.453	40.65	37.95	26.451	522.77	0
"2013-01-02	16:00:00"	4.186	228.8	43.31	9.35	3.607	229.8	42.77	9.35	45	46.87	-1.876	37.85	35.06	26.443	400.32	0
"2013-01-02	17:00:00"	3.636	289.5	61.78	8.16	3.147	296.8	62.01	6.964	45.31	47.37	-2.061	36.8	33.87	26.442	238.65	0
"2013-01-02	18:00:00"	2.996	305	51.54	5.175	2.416	303.6	55.7	4.578	45.03	45.46	-0.428	37.17	36.04	26.441	62.789	0
"2013-01-02	19:00:00"	3.575	35.9	17.24	5.771	2.629	45.13	14.8	3.982	43.51	41.56	1.953	39.07	42.11	26.449	0.57022	0
"2013-01-02	20:00:00"	7.196	45.25	7.433	9.35	4.357	41.92	16.38	6.368	40.26	37.65	2.612	46.36	51.48	26.466	0	0
"2013-01-02	21:00:00"	8.49	56.35	8.98	12.93	5.27	56.36	13.21	9.35	37.09	35.77	1.314	51.82	54.45	26.485	0	0
"2013-01-02	22:00:00"	8.83	63.65	11.96	11.74	6.111	65.15	11.96	8.75	33.4	33.39	0.013	56.27	56.12	26.51	0	0
"2013-01-02	23:00:00"	9.65	48.79	7.607	14.12	7.164	51.47	9.35	12.33	32.7	32.83	-0.133	58.18	57.97	26.522	0	0
"2013-01-03	00:00:00"	9.44	53.38	8.36	12.93	7.179	56.88	10.04	10.54	32.73	33.05	-0.325	59.07	58.04	26.532	0	0
"2013-01-03	01:00:00"	8.98	54.74	8.72	12.33	7.063	57.89	10.36	10.54	32.88	33.17	-0.291	60.03	58.97	26.538	0	0
"2013-01-03	02:00:00"	9.27	58.01	9.88	13.52	7.326	61.31	10.35	11.74	32.65	33.04	-0.396	60.44	59.12	26.539	0	0
"2013-01-03	03:00:00"	9.87	70.09	7.457	14.72	7.851	71.12	8.93	11.74	32.84	33.18	-0.34	59.37	58.13	26.55	0	0
"2013-01-03	04:00:00"	12.03	62.85	7.59	17.7	9.59	64.86	9.15	14.12	32.93	33.44	-0.512	58.44	56.97	26.557	0	0
"2013-01-03	05:00:00"	12.44	67.85	7.867	19.49	9.84	69.13	9.34	15.91	32.87	33.4	-0.537	57.9	56.35	26.561	0	0
"2013-01-03	06:00:00"	11.17	73.28	8.33	15.91	8.97	73.48	9.42	13.52	32.1	32.56	-0.458	57.9	56.32	26.568	0	0
"2013-01-03	07:00:00"	11.35	66.11	7.935	17.7	9.08	67.08	9.49	14.72	31.01	31.55	-0.543	59.49	57.78	26.583	0	0
"2013-01-03	08:00:00"	11.97	59.51	8.26	18.89	9.46	62.51	9.55	15.31	30.55	31.13	-0.584	62.69	60.8	26.603	0.21915	0
"2013-01-03	09:00:00"	12.2	57.33	8.97	19.49	9.59	60.66	10.42	17.1	30.16	30.78	-0.62	64.23	62.4	26.623	13.386	0
"2013-01-03	10:00:00"	12.77	63.51	8.94	18.3	10.31	66.08	10.06	15.91	29.92	30.66	-0.745	63.98	61.93	26.639	41.374	0
"2013-01-03	11:00:00"	11.11	81.3	12.96	17.1	9.02	82.1	13.48	14.12	30.32	30.99	-0.676	62.22	60.41	26.668	73.314	0
"2013-01-03	12:00:00"	10.33	96.2	12.94	14.72	8.62	97.2	15.12	12.93	30.67	31.75	-1.086	62.91	60.46	26.677	164.31	0
"2013-01-03	13:00:00"	9.04	85.9	13.4	12.93	7.691	86.7	14.52	11.14	29.88	30.98	-1.103	75.3	73.25	26.657	195.49	0
"2013-01-03	14:00:00"	9.79	94.3	15.74	14.72	8.22	95.8	17.99	12.93	30.31	31.33	-1.018	77.43	75.81	26.633	143.57	0
"2013-01-03	15:00:00"	11.21	104.2	7.916	15.31	9.29	106.3	10.12	12.93	30.29	31.34	-1.058	74.76	73.57	26.62	126.19	0
"2013-01-03	16:00:00"	10.2	89.6	7.75	15.31	8.3	91.1	9.53	12.33	29.66	30.57	-0.911	77.51	75.92	26.616	88.02	0
"2013-01-03	17:00:00"	9.34	89.2	7.939	12.93	7.57	90.5	9.83	11.74	29.29	30.05	-0.757	81	79.55	26.622	88.66	0
"2013-01-03	18:00:00"	7.625	75.75	8.38	12.33	6.194	76.05	9.66	11.14	29.25	29.72	-0.471	80.2	79.41	26.627	10.53	0
"2013-01-03	19:00:00"	6.389	52.67	11.58	9.95	5.205	56.05	12.39	9.35	29.3	29.64	-0.336	79.55	78.98	26.616	0.11168	0
"2013-01-03	20:00:00"	5.108	111.2	29.88	8.75	4.261	113.6	29.42	8.16	29.41	29.78	-0.373	79.19	78.58	26.633	0	0
"2013-01-03	21:00:00"	4.757	133.3	15.89	8.16	3.908	134.6	14.88	6.368	28.74	29.19	-0.445	82.7	81.1	26.647	0	0.01
"2013-01-03	22:00:00"	4.221	110.6	11.45	6.964	3.177	113.3	12.83	5.771	28.36	28.68	-0.325	84.2	82.7	26.643	0	0
"2013-01-03	23:00:00"	4.307	102.4	11.64	6.964	2.827	104.2	13.34	5.771	28.11	28.41	-0.306	84.7	83.3	26.644	0	0.01

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-04	00:00:00"	3.521	113.8	17.95	5.175	1.567	115.1	18.79	3.982	27.97	28.25	-0.289	84.9	83.5	26.656	0 0
"2013-01-04	01:00:00"	2.506	89.8	16.97	3.982	1	88.8	20.91	1	27.79	28.04	-0.252	85.1	83.8	26.651	0 0.02
"2013-01-04	02:00:00"	1.664	48.86	17.38	3.386	1	42.58	17.02	1	27.64	27.87	-0.235	85	83.8	26.646	0 0.02
"2013-01-04	03:00:00"	2.649	52.28	28.76	4.578	1.115	50.36	35.7	3.386	27.55	27.66	-0.113	85.1	84	26.636	0 0.02
"2013-01-04	04:00:00"	3.102	72.18	11.54	4.578	1.004	69.33	14.31	2.193	27.25	27.31	-0.063	85.1	83.9	26.63	0 0.01
"2013-01-04	05:00:00"	2.174	51.97	9.94	3.386	1	51.74	10.9	1	27.08	27.15	-0.072	85.3	84.2	26.626	0 0.01
"2013-01-04	06:00:00"	1.898	77.08	8.88	3.386	1	72.91	13.89	1	26.92	26.93	-0.011	85.4	84.3	26.625	0 0.01
"2013-01-04	07:00:00"	2.06	64.39	7.631	2.789	1	51.52	9.57	1	26.92	26.88	0.047	85.5	84.4	26.623	0.0001 0
"2013-01-04	08:00:00"	3.183	83.4	8.43	4.578	1.02	82.5	9.41	2.789	26.9	26.88	0.02	85.5	84.4	26.617	0.33808 0
"2013-01-04	09:00:00"	1.709	135	79.43	3.982	1.001	85.8	93	1.596	27.11	27.29	-0.177	85.6	84.5	26.63	9.3239 0
"2013-01-04	10:00:00"	3.443	124.6	9.54	5.175	1.209	126.7	9.82	3.982	27.4	27.73	-0.328	85.5	84.3	26.641	35.279 0
"2013-01-04	11:00:00"	4.577	157.2	20.6	7.561	3.342	156.5	19.77	6.368	28.05	28.42	-0.378	84	82.8	26.657	47.442 0.01
"2013-01-04	12:00:00"	6.155	165.3	12.69	9.35	5.036	164.7	14.34	8.16	28.62	29.12	-0.505	82.9	81.6	26.647	67.414 0
"2013-01-04	13:00:00"	6.615	179.1	9.73	9.35	5.261	178.7	13.24	8.16	29.25	29.85	-0.602	81.3	80	26.615	74.811 0
"2013-01-04	14:00:00"	6.445	202.2	16.71	11.14	5.299	203.3	19.08	9.35	29.42	30.07	-0.653	80.5	78.89	26.581	73.503 0
"2013-01-04	15:00:00"	6.345	216.9	16.77	11.14	5.411	216.7	18.81	11.14	29.55	30.19	-0.644	81	79.41	26.557	103.14 0
"2013-01-04	16:00:00"	7.12	212.8	15.63	11.74	5.881	214.4	18.35	9.95	29.81	30.39	-0.574	80.8	79.21	26.548	61.771 0
"2013-01-04	17:00:00"	6.624	203.1	11.89	9.95	5.408	203.1	14.27	9.35	30.01	30.49	-0.482	82.2	80.8	26.544	47.218 0
"2013-01-04	18:00:00"	7.71	192.5	8.11	11.14	6.066	195.8	12.86	9.35	29.98	30.33	-0.357	82.1	81	26.536	13.455 0
"2013-01-04	19:00:00"	7.269	202.4	15.57	11.14	5.93	202.6	18.14	9.35	29.94	30.16	-0.22	80.1	79.59	26.534	0.24659 0
"2013-01-04	20:00:00"	8.14	204.3	13.65	13.52	6.547	205.3	16.34	11.74	29.73	30.07	-0.337	80.4	79.31	26.539	0 0
"2013-01-04	21:00:00"	8.86	201.6	11.1	14.12	7.231	201.8	13.4	11.14	29.67	30.03	-0.361	81	79.8	26.539	0 0
"2013-01-04	22:00:00"	7.983	207.3	10.23	13.52	6.509	205.2	13.8	11.74	29.41	29.64	-0.231	80.2	79.27	26.538	0 0
"2013-01-04	23:00:00"	8.19	204	9.47	14.12	6.751	201.3	11.23	11.74	28.63	29.03	-0.407	82.8	81	26.531	0 0
"2013-01-05	00:00:00"	10.2	208.7	12.29	16.51	8.35	207.7	15.33	14.12	28.14	28.73	-0.593	84.4	82.5	26.521	0 0
"2013-01-05	01:00:00"	9.31	214.9	11.14	14.72	7.497	215.2	14.61	12.93	27.48	28.1	-0.626	85.3	83.1	26.508	0 0
"2013-01-05	02:00:00"	9.8	220.3	11.62	16.51	8.21	221.1	13.32	14.12	26.28	26.91	-0.627	85.1	83.6	26.499	0.0001 0
"2013-01-05	03:00:00"	9.14	213.4	11.47	16.51	7.665	212.4	15.3	14.12	26.58	27.13	-0.547	85.3	84	26.493	0 0
"2013-01-05	04:00:00"	8.8	228.4	13.44	13.52	7.53	230.2	16.94	11.74	26.12	26.63	-0.505	85	84.1	26.484	0 0
"2013-01-05	05:00:00"	8.22	224.4	14.86	12.33	7.189	226.2	18.91	10.54	24.62	25.21	-0.585	84.1	83.4	26.477	0.0001 0
"2013-01-05	06:00:00"	5.98	232	8.32	9.95	5.331	235.6	13.7	9.95	23.02	23.45	-0.437	83.1	82.4	26.466	0.00182 0
"2013-01-05	07:00:00"	5.546	251.8	7.937	7.561	4.383	259.1	11.64	7.561	21.4	21.32	0.076	82.1	81.2	26.473	0.01632 0
"2013-01-05	08:00:00"	5.933	259.6	7.037	8.16	4.671	264.3	12.16	8.16	21.66	21.32	0.34	82.1	81	26.49	0.73628 0
"2013-01-05	09:00:00"	5.132	263	12.92	8.16	3.641	259.4	19.49	7.561	22.62	22.4	0.222	82.8	81.6	26.5	23.78 0
"2013-01-05	10:00:00"	6.67	282.2	10.17	11.14	4.57	284.9	12.1	8.16	26.39	27.45	-1.057	84.9	83.2	26.518	66.613 0
"2013-01-05	11:00:00"	8.4	290.6	11.66	13.52	5.461	294.2	13.27	12.93	32.8	33.98	-1.177	83.5	74.95	26.532	293.55 0
"2013-01-05	12:00:00"	8.54	291.2	9.35	11.74	5.639	294.4	10.87	11.14	38.29	39.57	-1.279	60.98	60.57	26.53	531.42 0
"2013-01-05	13:00:00"	7.437	286.2	14.61	12.33	5.326	289	15.97	9.95	42.4	43.79	-1.397	50.72	51.49	26.512	601.07 0
"2013-01-05	14:00:00"	5.602	248.9	16.21	9.35	5.023	247.9	20.04	8.75	45.78	46.87	-1.091	45.58	45.17	26.496	598.97 0
"2013-01-05	15:00:00"	4.73	244.2	20.09	8.75	4.217	241.6	30.37	8.75	48.4	49.32	-0.919	39.63	39.5	26.485	529.33 0
"2013-01-05	16:00:00"	5.345	238.9	21.63	9.35	4.498	241.5	29.47	8.75	50.21	51.04	-0.83	37.58	37.41	26.486	412.9 0
"2013-01-05	17:00:00"	6.005	272	20.04	9.95	4.534	276.7	19.36	8.75	51.19	52	-0.81	34.96	35.15	26.499	251.76 0
"2013-01-05	18:00:00"	5.967	263.2	18.79	9.95	4.279	268.6	21.88	8.16	50.3	50.16	0.139	38.74	40.84	26.507	71.814 0
"2013-01-05	19:00:00"	6.384	319.6	8.02	9.95	2.761	323.5	7.816	5.175	48.87	44.43	4.438	34.93	44.86	26.516	0.77601 0
"2013-01-05	20:00:00"	7.499	316.1	5.639	10.54	3.725	322.5	13.3	6.368	46.1	40.71	5.396	39.72	50.26	26.533	0 0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-05	21:00:00"	8.62	315.7	4.525	11.14	3.281	313.7	8.52	8.16	41.02	37.69	3.325	56.42	62.81	26.545	0
"2013-01-05	22:00:00"	10.05	324.5	8.91	13.52	6.46	325.5	10.45	11.14	38.08	36.86	1.227	67.24	69.9	26.561	0
"2013-01-05	23:00:00"	11.01	15.03	10.27	14.12	7.819	13.17	12.64	11.74	36.3	35.3	0.992	56.25	61.85	26.579	0
"2013-01-06	00:00:00"	9.66	17.76	4.357	14.72	8.47	16.15	9.81	11.14	33.84	33.37	0.468	56.32	60.18	26.596	0
"2013-01-06	01:00:00"	11.3	13.69	5.216	14.12	8.33	11.7	11.46	11.74	31.6	31.13	0.465	60.27	63.12	26.603	0
"2013-01-06	02:00:00"	11.82	16.2	4.316	14.72	8.82	16	10	11.74	29.94	29.76	0.179	63.51	66	26.607	0
"2013-01-06	03:00:00"	12.22	15.72	4.754	15.31	9.27	15.13	10.01	13.52	29.15	28.96	0.183	64.59	66.48	26.609	0
"2013-01-06	04:00:00"	12.3	17.1	4.448	15.31	9.23	17.65	9.23	12.93	28.19	28.06	0.121	67.29	68.84	26.612	0
"2013-01-06	05:00:00"	12.76	15.81	4.628	16.51	9.68	14.79	10.65	13.52	27.82	27.77	0.044	67.99	69.28	26.617	0
"2013-01-06	06:00:00"	12.68	19.15	4.918	15.31	9.65	19.95	9.77	12.93	27.08	27.14	-0.052	69.3	70.12	26.62	0
"2013-01-06	07:00:00"	12.09	20.62	4.723	15.31	9.14	21.6	9.54	12.93	26.56	26.61	-0.049	69.71	70.44	26.626	0
"2013-01-06	08:00:00"	8.94	11.31	6.815	12.33	6.214	5.964	11.2	9.35	25.08	24.51	0.572	72	73.03	26.643	1.3564
"2013-01-06	09:00:00"	9.76	19.96	6.563	12.93	7.356	20.09	10.6	11.14	26.82	26.64	0.178	69.65	71.15	26.663	85.189
"2013-01-06	10:00:00"	9.06	46.38	14.02	14.12	7.631	48.41	14.7	12.33	32.85	33.45	-0.6	59.49	59.02	26.682	263.87
"2013-01-06	11:00:00"	7.516	77.27	15.36	12.33	6.365	78.56	15.75	10.54	36.67	38.69	-2.019	52.56	49.65	26.697	425.46
"2013-01-06	12:00:00"	7.365	121.9	17.87	11.74	6.344	124.4	18.8	9.95	39.85	41.99	-2.143	47.13	44.92	26.688	546.34
"2013-01-06	13:00:00"	8.2	159.4	21.25	12.33	7.016	158.3	21.57	11.74	42.13	44.47	-2.346	42.19	40.13	26.656	610.23
"2013-01-06	14:00:00"	6.905	178.4	22.14	11.74	5.972	177	25.49	10.54	43.97	45.5	-1.535	39.14	37.62	26.621	605.28
"2013-01-06	15:00:00"	7.353	209.5	24.95	13.52	6.356	210.4	27.98	11.74	45.49	47.4	-1.913	37.89	35.83	26.596	533.03
"2013-01-06	16:00:00"	5.888	214	21.61	10.54	5.088	217.9	27.39	9.95	46.64	48.44	-1.802	36.34	34.34	26.576	419.36
"2013-01-06	17:00:00"	5.996	168.4	18.96	11.74	4.934	167.5	22.61	9.35	47.06	48.11	-1.045	36.4	35.14	26.564	256.81
"2013-01-06	18:00:00"	6.266	167.9	11.33	11.14	4.863	166.3	13.14	9.95	46.41	46.61	-0.199	36.9	37.54	26.558	67.808
"2013-01-06	19:00:00"	4.374	175.6	12.07	6.964	2.503	166.1	17.41	5.175	43.42	42.48	0.934	40.84	43.47	26.555	0.46265
"2013-01-06	20:00:00"	3.731	175.1	10.72	5.771	1	166.8	21.01	1	41.84	40.53	1.313	41.3	44.41	26.551	0
"2013-01-06	21:00:00"	3.973	165.4	9	5.175	1	153.1	18.53	1	40.86	39.04	1.819	42.07	45.36	26.55	0
"2013-01-06	22:00:00"	5.498	152.4	7.152	8.16	1.747	153.7	20.06	4.578	40.42	37.82	2.596	42.45	48.79	26.54	0
"2013-01-06	23:00:00"	7.216	133.4	8.16	9.35	3.457	114.3	11.58	5.175	38.49	34.35	4.147	45.99	56.35	26.524	0
"2013-01-07	00:00:00"	9.13	133.9	6.284	11.74	5.386	124.7	10.77	8.16	37.33	34.33	3.005	45.96	55.39	26.506	0
"2013-01-07	01:00:00"	10.11	142.7	6.506	13.52	7.426	143.5	6.631	11.14	37.39	36.35	1.048	47.77	51.02	26.503	0
"2013-01-07	02:00:00"	8.58	142.7	11.47	12.93	6.297	141.6	11.19	9.35	36.13	35.55	0.577	53.6	55.3	26.49	0
"2013-01-07	03:00:00"	9.15	135.1	6.549	14.72	6.554	134.1	7.239	10.54	35.31	34.38	0.929	55.53	57.88	26.474	0
"2013-01-07	04:00:00"	10.39	138.7	8.12	14.72	7.966	138.9	8.29	12.33	34.7	34.09	0.617	57.89	59.31	26.455	0
"2013-01-07	05:00:00"	9.01	120	17.48	14.12	6.699	115.6	23.55	11.74	34.02	33.51	0.518	59.22	60.25	26.434	0
"2013-01-07	06:00:00"	7.366	101.9	7.96	9.95	4.539	90.1	10.36	6.368	31.3	29.95	1.359	65.31	68.42	26.415	0
"2013-01-07	07:00:00"	9.66	124.2	7.577	13.52	7.126	125.3	8.74	11.14	31.5	30.93	0.564	65.8	67.51	26.403	0
"2013-01-07	08:00:00"	9.67	114.7	13.18	15.91	7.332	114	16.45	12.93	31.32	31.26	0.055	66.32	66.49	26.404	0.36661
"2013-01-07	09:00:00"	5.912	88.1	11.28	9.95	4.188	76.77	16.6	8.16	30.53	30.26	0.268	68.95	69.92	26.413	30.392
"2013-01-07	10:00:00"	7.928	110.4	13.86	11.74	6.446	110.5	15.46	9.35	32.83	32.91	-0.085	66.54	66.63	26.423	114.9
"2013-01-07	11:00:00"	10.75	138.5	17.69	17.1	8.92	139	17.13	15.31	37.11	37.8	-0.688	59.71	58.87	26.425	333.99
"2013-01-07	12:00:00"	14.07	170	12.24	21.87	11.54	170.1	14.32	18.3	41.82	43.21	-1.385	51.54	49.46	26.411	508.43
"2013-01-07	13:00:00"	13.42	164.2	11.86	20.09	11.16	163.2	13.56	17.7	44.2	45.75	-1.551	46.74	44.25	26.38	475.36
"2013-01-07	14:00:00"	12.16	141.8	17.52	18.3	10.17	142.4	16.91	15.31	45.67	47.74	-2.07	44.29	41.35	26.33	553.71
"2013-01-07	15:00:00"	12.14	142.2	16.25	19.49	10.19	142.6	16.45	17.1	48.07	50.2	-2.125	39.99	37.3	26.309	507.2
"2013-01-07	16:00:00"	11.78	145.8	18.89	17.7	9.77	146.3	19.4	16.51	49.22	51.22	-2.004	36.89	34.46	26.3	393.98
"2013-01-07	17:00:00"	12.84	137.6	12.23	18.3	10.55	138.9	12.04	15.91	49.02	50.95	-1.932	36.97	34.64	26.292	252.08

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-07	18:00:00"	10.7	134.1	8.02	17.1	8.61	135.5	8.45	14.72	47.66	48.49	-0.833	38.83	37.6	26.29	63.145	0
"2013-01-07	19:00:00"	8.44	122	7.465	11.74	5.539	119.9	10.07	9.35	44.19	43.27	0.917	46.08	47.95	26.293	0.55783	0
"2013-01-07	20:00:00"	7.288	116.3	11.81	11.74	4.475	105.8	18.84	8.75	41.74	39.93	1.814	50.98	54.81	26.298	0	0
"2013-01-07	21:00:00"	7.334	126.3	6.534	11.14	4.416	117.7	11.31	7.561	39.83	38.06	1.775	54.86	58.43	26.3	0	0
"2013-01-07	22:00:00"	4.919	113.9	13.48	8.16	2.863	85.6	20.05	5.175	38.41	36.65	1.754	57.53	60.3	26.299	0	0
"2013-01-07	23:00:00"	8.24	97.4	9.59	11.14	4.911	77.11	8.55	6.368	38.04	34.9	3.14	57.54	63.33	26.287	0	0
"2013-01-08	00:00:00"	8.65	86.2	10.49	9.95	5.004	74.88	12.21	6.964	35.1	32.89	2.21	62.87	67.49	26.278	0	0
"2013-01-08	01:00:00"	6.08	53.17	14.74	8.75	4.564	33.2	22.56	6.368	33.13	30.91	2.219	66.79	70.95	26.268	0	0
"2013-01-08	02:00:00"	5.892	44.02	9.84	8.16	4.239	30.44	18.11	5.771	32.19	30.3	1.889	69.22	72.65	26.259	0	0
"2013-01-08	03:00:00"	7.899	64.11	10.54	10.54	5.279	62.14	13.28	8.16	31.32	30.15	1.164	71.39	73.45	26.257	0	0
"2013-01-08	04:00:00"	7.758	74.19	5.114	9.95	5.018	63.65	9.75	6.964	30.32	29.11	1.207	73.63	75.09	26.248	0	0
"2013-01-08	05:00:00"	6.006	47.73	17.83	8.16	4.766	35.91	21.28	6.368	30.66	29.9	0.761	74.53	75.85	26.241	0	0
"2013-01-08	06:00:00"	5.494	32.65	14.24	7.561	4.212	28.27	15.6	6.368	30.58	30	0.582	77.33	78.38	26.232	0	0
"2013-01-08	07:00:00"	6.694	60.21	8.3	9.35	5.046	60.16	10.25	8.16	31.73	31.85	-0.117	77.2	77.05	26.236	0	0
"2013-01-08	08:00:00"	5.868	56.03	8.61	9.35	4.526	56.3	9.8	7.561	32.36	32.55	-0.195	77.73	77.18	26.257	0.29043	0
"2013-01-08	09:00:00"	5.26	34.49	11.44	7.561	4.292	35.16	12.6	6.368	32.93	33.17	-0.239	77.73	77.22	26.279	13.113	0
"2013-01-08	10:00:00"	4.798	35.6	12.3	6.964	4.198	39.1	15.85	6.368	33.78	34.16	-0.375	76.98	76.33	26.297	43.02	0
"2013-01-08	11:00:00"	5.301	39.04	13.81	8.16	4.658	40.75	14.84	7.561	35.45	36.06	-0.606	75.98	74.79	26.304	96.954	0
"2013-01-08	12:00:00"	4.999	43.82	24.63	8.75	4.402	45.64	25.31	7.561	37.41	38.26	-0.846	74.2	72.39	26.296	130.78	0
"2013-01-08	13:00:00"	2.675	34.34	45.66	5.771	2.396	37.51	52.84	5.175	39.04	39.86	-0.824	72.95	70.82	26.284	147.81	0
"2013-01-08	14:00:00"	3.398	109.7	43.97	9.35	2.938	103.9	43.95	6.964	40.18	41.02	-0.841	72.53	70.28	26.262	170.92	0
"2013-01-08	15:00:00"	4.799	186.6	29.82	10.54	4.131	188.2	32.76	9.35	41.22	42.21	-0.995	72.61	70.2	26.251	150.95	0
"2013-01-08	16:00:00"	6.739	150.9	22.42	12.33	5.713	150.7	22.43	11.14	41.68	43.01	-1.335	73.43	70.34	26.248	134.42	0
"2013-01-08	17:00:00"	6.158	131.9	19.93	11.74	5.194	132.2	20.3	10.54	41.88	43.1	-1.212	74.25	71.35	26.262	149.37	0
"2013-01-08	18:00:00"	7.468	128.8	13.4	14.12	6.07	130.8	13.42	11.74	42.25	43.1	-0.851	75.62	73.03	26.284	13.674	0
"2013-01-08	19:00:00"	2.2	101.9	52.89	6.368	1.719	103.6	53.58	5.771	42.25	42.6	-0.348	76.97	75.42	26.282	0.29501	0
"2013-01-08	20:00:00"	5.891	14.16	21.16	13.52	4.827	11.79	23.76	11.74	41.9	42.16	-0.254	77.68	76.59	26.293	0	0
"2013-01-08	21:00:00"	9.69	20.97	9.86	16.51	7.926	22.01	14.12	14.12	41.9	42.09	-0.187	78.28	77.43	26.31	0	0
"2013-01-08	22:00:00"	8.88	21.71	7.245	15.31	7.22	22	11.23	12.33	42.65	42.63	0.02	77.67	77.21	26.333	0	0
"2013-01-08	23:00:00"	7.626	26.59	9.73	12.33	6.158	28.04	12.54	10.54	42.81	42.72	0.088	76.49	76.18	26.359	0	0
"2013-01-09	00:00:00"	7.904	28.07	10.7	12.93	6.356	28.45	13.43	11.14	42.83	42.72	0.103	76.18	75.95	26.397	0	0
"2013-01-09	01:00:00"	9.14	29.59	13.01	12.93	7.364	30.28	15.39	11.74	43.16	43.11	0.058	76.15	75.8	26.395	0	0
"2013-01-09	02:00:00"	13.12	14.51	5.776	18.89	10.54	12.19	11.65	16.51	42.41	42.91	-0.503	77.04	75.99	26.392	0	0
"2013-01-09	03:00:00"	11.73	9.4	10.28	17.1	9.51	6.521	13.53	14.72	41.94	42.3	-0.358	77.65	76.73	26.394	0	0
"2013-01-09	04:00:00"	12.19	2.748	12.14	17.7	9.85	358.6	13.32	15.31	41.14	41.56	-0.423	77.57	76.48	26.414	0	0
"2013-01-09	05:00:00"	15.09	1.703	12.26	21.87	12.05	358.1	14.03	20.09	40.22	41.02	-0.797	77.49	76	26.409	0	0
"2013-01-09	06:00:00"	16.55	5.017	11.41	23.07	13.44	1.578	13.63	20.09	38.83	40.31	-1.481	74.01	71.86	26.429	0	0
"2013-01-09	07:00:00"	16.98	7.264	9.81	23.66	13.74	3.937	13.39	21.87	38.39	40.08	-1.693	73.82	70.89	26.443	0	0
"2013-01-09	08:00:00"	16.91	14.77	7.21	24.26	13.63	13.91	13.34	21.28	38.15	40.16	-2.012	70.37	67.18	26.463	0.13715	0
"2013-01-09	09:00:00"	15.73	12.86	7.332	22.47	12.74	10.89	12.38	20.09	37.36	39.2	-1.838	71.71	69.13	26.494	7.9331	0
"2013-01-09	10:00:00"	16.48	16.13	6.179	24.26	13.41	15.22	12.03	22.47	36.86	39.01	-2.159	81.9	78.1	26.529	36.954	0.05
"2013-01-09	11:00:00"	19.35	17.44	5.873	26.05	15.69	17.08	11.29	24.26	38.07	40.42	-2.351	82.5	79.81	26.525	71.157	0.05
"2013-01-09	12:00:00"	19.41	15.36	6.807	27.84	15.66	14.05	13.18	24.26	39.29	41.36	-2.076	77.68	77.47	26.497	84.903	0.01
"2013-01-09	13:00:00"	20.3	17.21	6.501	27.84	16.41	16.56	12.21	24.26	39.82	42.22	-2.409	74.84	73.94	26.457	97.654	0
"2013-01-09	14:00:00"	17.63	19.7	6.826	26.65	14.42	20.23	12.01	23.66	39.43	41.17	-1.735	76.61	75.12	26.431	66.217	0.06

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-09	15:00:00"	16.91	13.1	9.03	25.45	13.66	12.09	15.63	20.09	39.89	41.16	-1.268	76.61	76.83	26.407	66.626	0.07
"2013-01-09	16:00:00"	19.54	5.215	11.54	27.84	15.68	3.107	16.66	25.45	40.16	41.98	-1.817	77.68	76.21	26.376	42.725	0.05
"2013-01-09	17:00:00"	25.46	1.925	13.58	37.98	20.06	359.1	20.53	32.61	40.37	42.39	-2.021	77.24	74.9	26.333	28.22	0.04
"2013-01-09	18:00:00"	26.49	2.439	14.02	37.98	21.08	0.064	21.49	31.42	40.64	42.96	-2.32	77.71	73.94	26.311	3.9861	0.11
"2013-01-09	19:00:00"	24.02	5.938	11.03	35.59	19.17	4.015	20.53	31.42	40.34	42.74	-2.394	79.97	75.93	26.312	0.37054	0.25
"2013-01-09	20:00:00"	16.35	34.3	16.19	32.61	13.32	36.26	19.13	26.65	39.91	40.95	-1.033	83.9	80.7	26.346	0.34523	0.18
"2013-01-09	21:00:00"	17.21	25.17	8.66	26.65	14.18	26.34	11.98	23.66	39.35	40.46	-1.11	84.7	83.1	26.339	0.34523	0.03
"2013-01-09	22:00:00"	15.26	14.37	7.158	22.47	12.32	12.74	12.99	18.89	39.38	40.43	-1.048	85.5	83.7	26.34	0.34525	0
"2013-01-09	23:00:00"	12.69	11.72	6.37	18.3	10.17	9.33	13.51	15.91	39.51	40.2	-0.691	86	84.7	26.337	0.34523	0
"2013-01-10	00:00:00"	12.55	11.29	6.814	17.1	10.03	8.82	14.03	15.31	39.68	40.27	-0.589	87	85.9	26.337	0.34522	0.01
"2013-01-10	01:00:00"	10.64	7.951	6.911	15.91	8.62	6.041	12.91	14.72	39.86	40.26	-0.4	87.4	86.4	26.342	0.3548	0
"2013-01-10	02:00:00"	10.15	10.99	7.433	13.52	8.16	9.56	12.98	12.33	40.07	40.44	-0.366	87.7	86.8	26.329	0.45586	0
"2013-01-10	03:00:00"	10.28	3.98	12.55	14.72	8.21	2.121	15.3	12.93	40.15	40.44	-0.285	87.8	87	26.322	0.68523	0
"2013-01-10	04:00:00"	9.01	316.8	20.38	12.93	6.174	318.8	18.86	11.14	39.98	40.19	-0.207	87.9	87.1	26.304	0.69031	0
"2013-01-10	05:00:00"	9.42	324.1	12.6	13.52	6.871	326.3	12.44	11.14	39.71	39.9	-0.192	87.8	87.1	26.294	0.52654	0
"2013-01-10	06:00:00"	10.12	317.2	15.6	15.91	6.823	319.6	15.21	10.54	39.67	39.85	-0.18	87.4	86.9	26.302	0.39191	0
"2013-01-10	07:00:00"	9.39	303.7	9.87	15.91	5.73	307.4	11.53	12.33	38.91	39.3	-0.388	87.6	86.8	26.297	0.69032	0.01
"2013-01-10	08:00:00"	7.37	284.2	16.02	11.74	5.025	287.8	17.14	9.35	38.89	39.12	-0.233	88	87.3	26.316	1.1866	0
"2013-01-10	09:00:00"	6.704	294	10.48	11.14	3.842	297.5	12.16	8.16	39.06	39.25	-0.19	87.7	87.1	26.327	59.271	0
"2013-01-10	10:00:00"	9.37	303.7	15.86	15.91	6.217	306.8	15.95	12.93	40.34	41.06	-0.715	85.6	85.5	26.334	218.76	0
"2013-01-10	11:00:00"	9.08	286.3	14.41	14.72	6.227	289.8	16.11	11.14	40.97	42.19	-1.21	82.8	82	26.339	321.49	0
"2013-01-10	12:00:00"	9.97	264.6	13.88	16.51	8.03	269.6	14.93	15.31	43.58	44.88	-1.298	75.78	74.36	26.322	418.42	0
"2013-01-10	13:00:00"	12.14	255.5	12	18.3	10.06	261.2	14.62	18.3	46.1	47.6	-1.501	72.14	70.31	26.29	524.86	0
"2013-01-10	14:00:00"	13.31	245.1	12.84	20.09	11.27	249.8	15.93	17.7	48.53	49.94	-1.417	67.72	65.98	26.264	579.35	0
"2013-01-10	15:00:00"	13.14	241.1	12.85	19.49	11.16	245.7	15.48	18.89	50.76	51.96	-1.207	60.04	58.83	26.244	544.18	0
"2013-01-10	16:00:00"	13.25	234.2	14.24	21.28	11.31	236.8	17.18	18.89	52.82	53.6	-0.781	52.53	51.48	26.236	357.16	0
"2013-01-10	17:00:00"	10.07	227.4	13.34	21.28	8.47	226.5	15.63	15.91	53.41	53.7	-0.288	49.49	48.78	26.235	147.14	0
"2013-01-10	18:00:00"	8.14	202.6	15.84	12.33	6.53	202.7	15.31	11.14	52.19	52.01	0.174	55.18	55.48	26.213	25.85	0
"2013-01-10	19:00:00"	8.46	190.3	11.78	15.31	6.183	193.3	13.87	12.93	50.39	49.65	0.741	58.83	60.26	26.216	0.97125	0
"2013-01-10	20:00:00"	9.67	188.8	11.34	15.31	7.303	190.8	13.21	12.33	47.98	47.47	0.513	63.85	64.41	26.211	0	0
"2013-01-10	21:00:00"	11.86	201	11.27	20.09	9.45	201.4	11.81	17.1	48.11	47.51	0.592	62.11	62.71	26.212	0	0
"2013-01-10	22:00:00"	11.52	199.9	9.65	15.31	9.03	200.9	10.38	12.93	46.03	45.86	0.175	64.47	64.19	26.217	0	0
"2013-01-10	23:00:00"	8.78	196.6	9.15	15.31	6.832	197.4	10.4	12.33	44.02	43.54	0.472	68.25	68.6	26.219	0	0
"2013-01-11	00:00:00"	4.769	194.4	15.49	9.35	4.086	190.5	16.55	7.561	43.54	42.54	1.003	69.44	70.97	26.209	0	0
"2013-01-11	01:00:00"	8.98	181.5	7.878	15.91	6.671	181.1	10.97	12.33	43.75	42.9	0.85	72.18	73.05	26.194	0	0
"2013-01-11	02:00:00"	7.449	202.3	12.84	12.93	5.501	203.3	13.84	9.35	41.03	40.71	0.323	77.72	77.4	26.176	0	0
"2013-01-11	03:00:00"	8.52	196	10.66	13.52	6.405	199	11.92	11.14	41.14	40.64	0.499	77.48	77.79	26.165	0	0
"2013-01-11	04:00:00"	13.55	176.4	7.839	18.89	10.36	176.5	10.51	14.72	42.01	41.35	0.665	76.47	77.31	26.146	0	0
"2013-01-11	05:00:00"	8.42	189.1	11.47	13.52	6.146	191.9	14.25	11.14	41.87	41.37	0.501	77.89	77.77	26.125	0	0
"2013-01-11	06:00:00"	6.946	195.3	10.76	10.54	4.869	198.4	12.85	8.75	40.77	40.27	0.503	81.6	81.4	26.111	0	0
"2013-01-11	07:00:00"	6.032	201.6	13.14	9.95	4.333	203.7	15.18	6.964	39.99	39.77	0.217	84.6	83.7	26.108	0	0
"2013-01-11	08:00:00"	7.857	180.6	13.15	11.74	5.521	180.8	17.6	9.35	40.74	40.25	0.492	84.5	84.4	26.12	0.67551	0
"2013-01-11	09:00:00"	6.636	189	12.52	13.52	4.655	193.5	16.46	11.74	41.32	40.91	0.413	83.3	83.5	26.134	46.347	0
"2013-01-11	10:00:00"	9.21	187.3	9.02	14.72	7.237	190.8	12.43	12.33	44.14	43.97	0.175	78.92	79.46	26.147	162.06	0
"2013-01-11	11:00:00"	10.96	202.8	13.71	18.89	8.96	202.7	15.58	15.31	50.8	51.2	-0.398	63.99	63.58	26.156	384.22	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-11	12:00:00"	12.94	207.1	12.37	21.87	10.62	204.9	14.4	20.68	54.35	54.75	-0.401	53.31	52.55	26.143	303.81		0
"2013-01-11	13:00:00"	14.57	213.3	13	24.26	11.94	212	15.92	22.47	56.07	56.5	-0.429	46.68	45.91	26.113	416.05		0
"2013-01-11	14:00:00"	16.23	209.5	12.78	25.45	13.13	207.1	15.38	20.68	58.54	59.13	-0.592	41.2	40.23	26.092	444.01		0
"2013-01-11	15:00:00"	20.32	191.8	10.85	29.03	16.24	192.5	13.04	26.65	61.23	61.81	-0.582	34.83	34.37	26.078	479.19		0
"2013-01-11	16:00:00"	19.61	218.7	16.15	31.42	16.04	217.6	18.15	28.43	63.91	64.42	-0.51	28.02	27.02	26.075	413.85		0
"2013-01-11	17:00:00"	14.97	214	13.18	26.65	12.04	212.5	16.31	23.07	63.46	63.64	-0.178	27.15	26.22	26.081	162.49		0
"2013-01-11	18:00:00"	11.57	225.8	38.09	23.66	8.47	225.4	40.74	15.91	61.56	61.43	0.133	29.4	29.06	26.085	72.809		0
"2013-01-11	19:00:00"	13.09	296.7	7.614	20.09	7.05	300.5	9.23	14.12	54.37	53.95	0.424	36.83	37.4	26.114	4.3567		0
"2013-01-11	20:00:00"	10.49	304.3	6.82	16.51	5.506	308	8.73	9.35	50.57	49.5	1.079	40.29	42.53	26.13	0		0
"2013-01-11	21:00:00"	13.82	302.9	6.378	20.68	7.507	306.9	8.64	13.52	49.39	48.41	0.98	40.35	42.07	26.135	0		0
"2013-01-11	22:00:00"	11.78	303.3	6.966	21.28	6.369	306.1	8.88	16.51	48.7	47.91	0.789	40.69	42.14	26.147	0		0
"2013-01-11	23:00:00"	11.32	309.1	5.988	15.91	6.654	313.3	7.99	11.14	46.3	45.28	1.014	44.78	46.98	26.143	0		0
"2013-01-12	00:00:00"	11.46	323.3	18.26	17.1	7.754	325.9	17.64	14.72	46.09	45.25	0.832	44.4	46.59	26.151	0		0
"2013-01-12	01:00:00"	14.5	18.4	10.02	22.47	11.64	18.25	15.08	19.49	42.2	42.72	-0.522	37.45	38.61	26.179	0		0
"2013-01-12	02:00:00"	13.16	20.3	8.52	20.68	10.58	19.77	13.2	18.3	39.29	39.7	-0.412	31.92	33.23	26.182	0		0
"2013-01-12	03:00:00"	11.33	14.4	6.19	17.7	10.45	12.85	11.5	15.91	37.83	38.35	-0.518	35.14	36.54	26.192	0		0
"2013-01-12	04:00:00"	14.88	16.74	7.284	21.87	12.06	16.45	13.02	18.89	36.89	38.16	-1.28	32.12	33.02	26.182	0		0
"2013-01-12	05:00:00"	11.5	17.61	6.049	16.51	9.08	16.63	10.72	14.72	35.59	36.06	-0.471	31.96	33.62	26.182	0		0
"2013-01-12	06:00:00"	9.96	16.18	7.609	14.72	7.96	15.12	12.11	12.93	34.5	34.66	-0.161	35	36.66	26.174	0		0
"2013-01-12	07:00:00"	10.07	10.66	7.483	13.52	7.889	7.328	11.81	11.74	33.42	33.59	-0.164	38.36	39.83	26.175	0		0
"2013-01-12	08:00:00"	10.61	9.72	6.493	13.52	8.19	5.949	11.4	11.74	31.71	31.99	-0.281	42.61	44	26.183	0.59439		0
"2013-01-12	09:00:00"	10.19	354.8	14.96	14.72	7.909	351.2	14.7	13.52	31.3	31.36	-0.058	45.32	46.46	26.199	59.886		0
"2013-01-12	10:00:00"	13.23	359.2	13.07	19.49	10.77	355.1	13.28	17.1	35.71	37.12	-1.41	34.86	34.36	26.232	245.09		0
"2013-01-12	11:00:00"	11.44	8.85	10.69	15.91	9.55	6.032	14.95	14.12	37.96	39.64	-1.684	31.38	30.97	26.247	319.37		0
"2013-01-12	12:00:00"	9.66	4.82	22.46	15.31	8.16	3.135	25.29	14.12	40.05	41.96	-1.917	27.23	26.7	26.239	370.12		0
"2013-01-12	13:00:00"	12.01	322.5	16.5	20.09	9.05	324.1	16.87	16.51	40.31	42.25	-1.94	30.05	28.98	26.234	380.74		0
"2013-01-12	14:00:00"	14.54	305.1	16	23.07	10.1	308.4	17.14	20.09	41.92	44.6	-2.687	30.27	28.25	26.203	616.52		0
"2013-01-12	15:00:00"	8.03	280.8	19.34	17.7	6.191	282.4	21.79	17.1	42.7	44.93	-2.233	37.15	34.54	26.176	522.56		0
"2013-01-12	16:00:00"	9.3	283.5	20.96	17.7	6.98	286.9	23.03	14.72	44.07	46.09	-2.028	34.87	32.58	26.177	436.51		0
"2013-01-12	17:00:00"	9.55	254.8	17.64	16.51	7.996	258.8	19.65	14.12	44.64	46.05	-1.412	32.16	30.28	26.187	271.98		0
"2013-01-12	18:00:00"	6.223	263.1	11.37	14.72	4.685	268.8	13.52	11.74	44.16	44.75	-0.589	31.65	30.81	26.197	82.901		0
"2013-01-12	19:00:00"	2.918	347.5	57.43	6.368	2.409	358.6	44.6	5.771	42.76	40.97	1.799	33.82	37.43	26.185	1.4113		0
"2013-01-12	20:00:00"	6.745	343.7	10.53	9.35	4.363	355	12.09	5.175	41.81	34.15	7.664	34.08	51.02	26.191	0		0
"2013-01-12	21:00:00"	5.611	334.9	34.65	8.16	3.545	347.1	27.27	5.175	40.78	33.12	7.657	34.2	51.36	26.213	0		0
"2013-01-12	22:00:00"	5.899	261.8	15.54	9.95	3.437	272.3	23.75	7.561	38.54	35.86	2.678	38.64	45.31	26.235	0		0
"2013-01-12	23:00:00"	13.24	270.2	11.27	24.26	9.72	275.2	12.59	21.28	37.4	36.44	0.954	30.23	32.71	26.265	0		0
"2013-01-13	00:00:00"	11.08	268.2	9.54	19.49	8.35	271.8	10.87	15.91	36.16	35.8	0.355	28.73	29.36	26.278	0		0
"2013-01-13	01:00:00"	7.255	250.3	47.53	13.52	5.622	253.8	48.88	9.95	33.08	32.63	0.457	36.97	37.93	26.286	0		0
"2013-01-13	02:00:00"	9.58	88.5	10.73	17.7	7.257	87.4	12.19	15.31	28.14	28.36	-0.219	70.6	68.38	26.302	0		0
"2013-01-13	03:00:00"	8.68	77	15.8	12.33	6.41	74.65	15.72	10.54	24.84	25.11	-0.275	77.78	75.79	26.315	0.00096		0
"2013-01-13	04:00:00"	10.71	58.23	21.83	16.51	8.37	58.64	21.32	14.12	23.52	24.12	-0.601	76.8	76.08	26.339	0.00729		0
"2013-01-13	05:00:00"	10.31	46.6	9.12	16.51	8.02	50.37	11.19	13.52	23.11	23.76	-0.642	73.4	72.89	26.352	0.03677		0
"2013-01-13	06:00:00"	7.573	56.6	8.37	11.14	5.272	58.91	10.28	9.35	21.48	21.7	-0.224	73.38	72.61	26.359	0.06135		0
"2013-01-13	07:00:00"	7.979	48.37	8.18	11.74	5.774	50.9	9.71	9.35	21.73	21.62	0.117	74.07	74.04	26.383	0.07902		0
"2013-01-13	08:00:00"	7.759	47.31	9.24	11.74	5.596	51.46	11.46	8.75	21.57	21.65	-0.077	76.41	75.1	26.416	1.1741		0

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-13	09:00:00"	6.653	46.13	10.9	11.14	5.081	49.22	12.57	9.35	23.78	23.93	-0.152	75.37	75.48	26.43	75.619	0	
"2013-01-13	10:00:00"	9.25	40.29	11.68	13.52	7.907	42.95	13.92	12.93	26.65	28.22	-1.561	67.53	65.88	26.443	264.87	0	
"2013-01-13	11:00:00"	8.45	53.06	20.46	13.52	7.23	55.65	21.95	11.74	28.18	30.14	-1.968	62.56	58.94	26.456	426.69	0	
"2013-01-13	12:00:00"	7.243	70.05	21.99	12.33	6.25	71.75	24.95	11.14	29.44	31.38	-1.94	58.72	54.75	26.436	558.99	0	
"2013-01-13	13:00:00"	5.636	89	30.3	11.14	4.895	89.9	33.46	9.35	31.71	33.46	-1.751	50.7	47.27	26.409	627.28	0	
"2013-01-13	14:00:00"	4.816	86.2	42.11	9.95	4.374	93	45.42	11.14	33.57	35.03	-1.461	44.59	41.68	26.386	628.33	0	
"2013-01-13	15:00:00"	7.214	81.6	30.19	14.72	6.34	82.6	33.2	13.52	35.42	37.24	-1.824	38.73	36.12	26.358	553.31	0	
"2013-01-13	16:00:00"	9	112.5	18.95	15.91	7.653	115.2	20.57	14.72	36.04	37.95	-1.909	34.75	32.33	26.359	437.89	0	
"2013-01-13	17:00:00"	10.38	102.7	16.01	17.1	8.66	103.8	17.65	13.52	36.25	37.92	-1.67	33.66	31.37	26.353	286.8	0	
"2013-01-13	18:00:00"	10.46	105.3	9.89	15.31	8.47	107.4	11.96	12.33	35.46	36.61	-1.144	35.19	33.3	26.358	99.881	0	
"2013-01-13	19:00:00"	8.21	103.6	7.602	11.74	5.78	103.7	10.17	8.75	31.89	31.84	0.057	46.2	45.44	26.364	1.6066	0	
"2013-01-13	20:00:00"	8.3	87.7	6.976	11.74	5.58	86.8	8.37	8.75	27.79	27.54	0.254	57.32	57.4	26.368	0.00058	0	
"2013-01-13	21:00:00"	9.52	86.8	6.918	13.52	7.155	86.7	7.923	9.95	26.36	26.38	-0.02	64.93	64.13	26.365	0.00038	0	
"2013-01-13	22:00:00"	9.47	91.1	6.3	12.33	7.078	91.8	7.512	10.54	25.79	25.78	0.01	66.58	66.12	26.38	0.00298	0	
"2013-01-13	23:00:00"	10.92	87	6.475	16.51	8.36	87.3	7.64	13.52	25.05	25.25	-0.203	66.91	66.16	26.389	0.00422	0	
"2013-01-14	00:00:00"	12.42	86.5	7.124	18.89	9.71	86.7	8.71	15.31	23.85	24.33	-0.481	67.95	66.57	26.387	0.00307	0	
"2013-01-14	01:00:00"	11.55	79.93	6.907	15.91	9.08	79.22	8.4	14.12	22.54	23.08	-0.532	68.7	67.27	26.402	0.05021	0	
"2013-01-14	02:00:00"	12.38	78.55	7.104	17.7	9.95	78.37	8.49	15.31	22.3	22.94	-0.642	66.82	65.76	26.418	0.03744	0	
"2013-01-14	03:00:00"	13.68	84.5	6.967	21.28	10.87	85.1	8.43	17.1	23.19	24.09	-0.901	62.45	60.97	26.425	0.00557	0	
"2013-01-14	04:00:00"	14.49	84.1	7.298	21.28	11.47	84.2	8.84	17.7	23.35	24.4	-1.045	60.67	58.71	26.435	0.00537	0	
"2013-01-14	05:00:00"	13.58	83.2	6.671	19.49	10.7	83.2	8.25	17.1	22.34	23.16	-0.817	59.83	57.9	26.422	0.01248	0	
"2013-01-14	06:00:00"	12.46	73	6.866	15.91	9.9	73.66	8.17	14.12	20.88	21.65	-0.765	62.2	60.1	26.414	0.03869	0	
"2013-01-14	07:00:00"	12.28	69.85	6.788	16.51	9.62	70.75	8.64	14.12	19.88	20.6	-0.725	63.62	61.86	26.418	0.08929	0	
"2013-01-14	08:00:00"	11.37	58.85	9.22	15.91	9.04	61.51	9.85	13.52	19.86	20.94	-1.078	64.44	62.47	26.438	0.46728	0	
"2013-01-14	09:00:00"	13.42	66.29	8.8	18.89	10.71	68.23	9.81	17.7	20.89	22.42	-1.535	60.43	58.34	26.449	15.887	0	
"2013-01-14	10:00:00"	14.52	68.03	8.36	19.49	11.69	69.46	9.9	17.7	21.38	23.67	-2.291	56.57	53.22	26.452	58.848	0	
"2013-01-14	11:00:00"	13.5	77.43	8.88	18.89	10.96	77.98	10.4	16.51	22.24	24.55	-2.309	53.75	50.14	26.453	123.88	0	
"2013-01-14	12:00:00"	12.72	94.8	12.07	18.3	10.61	95.8	13.88	16.51	24.27	27.28	-3.017	46.01	42.31	26.439	336.45	0	
"2013-01-14	13:00:00"	11.87	103.6	11.69	18.89	10.05	105.1	13.96	17.7	26.49	30.24	-3.746	42.16	37.27	26.415	355.27	0	
"2013-01-14	14:00:00"	11.08	106.4	14.43	17.1	9.39	108.7	15.99	14.12	27.85	31.35	-3.498	38.6	34.58	26.388	322.16	0	
"2013-01-14	15:00:00"	8.77	94.1	17.48	14.12	7.579	95.9	20.6	13.52	28.94	32.11	-3.169	38.88	34.78	26.376	267.29	0	
"2013-01-14	16:00:00"	10.08	97.7	14.71	16.51	8.57	99.3	17.35	14.72	30.17	32.96	-2.797	39.76	35.96	26.37	250.45	0	
"2013-01-14	17:00:00"	9.73	95.9	11.19	14.72	8.15	96.6	12.68	12.93	31.14	33.1	-1.957	40.4	37.26	26.382	144.95	0	
"2013-01-14	18:00:00"	10.49	101.3	9.87	15.31	8.66	102.8	11.65	12.93	31.49	33.11	-1.614	40.94	38.08	26.388	78.231	0	
"2013-01-14	19:00:00"	7.298	90.8	7.555	10.54	4.883	88.4	10.96	8.16	29.1	29.21	-0.108	46.42	45.45	26.389	1.7754	0	
"2013-01-14	20:00:00"	6.69	72.11	14.83	9.35	3.903	63.51	15.26	6.368	27.29	25.96	1.335	49.55	52.58	26.395	0.00288	0	
"2013-01-14	21:00:00"	7.712	43.59	12.61	11.74	5.219	38.88	21.04	8.75	26.14	25.22	0.914	50.48	53.65	26.406	0.00259	0	
"2013-01-14	22:00:00"	9.59	52.74	8.2	14.12	6.865	56.56	9.68	11.74	24.5	24.94	-0.444	53.52	52.88	26.389	0.0168	0	
"2013-01-14	23:00:00"	10.35	42.57	8.63	14.72	8.15	44.99	10.59	12.93	22.92	24.24	-1.318	58.62	56.33	26.398	0.04109	0	
"2013-01-15	00:00:00"	9.93	36.71	6.274	15.31	8.02	38.52	7.46	11.74	21.61	23.26	-1.652	61.39	58.72	26.411	0.06231	0	
"2013-01-15	01:00:00"	10.64	45.97	7.868	14.72	8.36	49.13	9.48	12.93	20.8	22.18	-1.374	62.28	60	26.407	0.06298	0	
"2013-01-15	02:00:00"	10.31	43.95	9.14	14.72	8.08	46.88	11.28	12.33	19.93	21.31	-1.387	63.63	61.34	26.407	0.06778	0	
"2013-01-15	03:00:00"	10.22	31.73	9.04	15.31	8.16	33.11	11.07	11.74	19.01	21.35	-2.344	64.99	60.96	26.413	0.08516	0	
"2013-01-15	04:00:00"	10.66	24.02	5.937	13.52	8.36	24.58	8.97	11.74	17.94	20.94	-3	67.46	62.24	26.413	0.10629	0	
"2013-01-15	05:00:00"	10.21	19.5	5.11	13.52	7.815	19.58	10.14	11.14	17.48	20.88	-3.402	69.8	62.55	26.417	0.07644	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-15	06:00:00"	10.84	25.59	6.78	14.12	8.69	27.08	9.57	12.93	18.67	21.38	-2.712	68.88	64.74	26.412	0.1088	0	
"2013-01-15	07:00:00"	10.03	25.12	5.252	13.52	8.01	26.51	8.45	11.74	18.47	21.66	-3.185	67.96	62.05	26.417	0.11454	0	
"2013-01-15	08:00:00"	9.07	39.47	11.74	12.33	7.449	42.27	13.63	10.54	19.87	21.72	-1.854	66.36	63.59	26.431	0.62514	0	
"2013-01-15	09:00:00"	8.33	37.88	8.86	12.33	7.101	39.8	11.1	11.14	21.62	23.26	-1.635	61.08	59.68	26.448	25.818	0	
"2013-01-15	10:00:00"	7.64	37.57	10.44	10.54	6.682	40.09	12.13	10.54	23.15	24.97	-1.82	55.11	52.86	26.474	104.76	0	
"2013-01-15	11:00:00"	6.579	38.93	15.34	10.54	5.747	41.51	17.12	9.95	24.92	27.07	-2.145	50.69	47.54	26.487	210.16	0	
"2013-01-15	12:00:00"	4.255	41.35	21.19	7.561	3.829	43.63	28.47	7.561	27.08	29.82	-2.736	47.17	42.56	26.478	375.68	0	
"2013-01-15	13:00:00"	3.756	218.7	67.92	8.16	3.477	220.1	68.08	7.561	29.68	33.13	-3.454	44.1	38.64	26.449	620.35	0	
"2013-01-15	14:00:00"	4.78	242.9	49.59	11.74	4.257	247	52.14	10.54	31.45	34.39	-2.943	42.86	37.98	26.43	631.37	0	
"2013-01-15	15:00:00"	7.421	291.1	32.3	14.12	5.892	293.7	31.74	11.74	32.6	34.79	-2.193	40.2	36.6	26.428	448.08	0	
"2013-01-15	16:00:00"	7.774	296.5	22.47	15.31	5.897	299.1	24.16	12.93	33.75	35.97	-2.224	37.72	34.37	26.436	377.78	0	
"2013-01-15	17:00:00"	7.408	311.1	23.69	13.52	5.686	312.6	23.28	12.33	34.24	35.53	-1.298	36.66	34.19	26.45	243.85	0	
"2013-01-15	18:00:00"	8.5	339.7	12.95	12.93	6.688	339.5	12.71	11.14	34.08	34.51	-0.432	35.63	34.17	26.461	98.862	0	
"2013-01-15	19:00:00"	7.127	341.9	5.272	9.95	4.224	343.8	9.39	7.561	31.97	28.56	3.411	37.32	41.92	26.468	1.7505	0	
"2013-01-15	20:00:00"	5.731	346.5	5.002	6.964	3.363	350.7	11.27	5.175	31.94	25.94	5.995	37.33	47.6	26.482	0	0	
"2013-01-15	21:00:00"	6.36	322.1	19.79	8.16	3.384	330.4	21.03	5.175	30.1	24.84	5.258	39.85	50	26.486	0.00058	0	
"2013-01-15	22:00:00"	7.93	299.4	2.834	9.35	3.609	310.4	4.039	5.175	27.66	23.27	4.393	44.69	56.05	26.497	0.00125	0	
"2013-01-15	23:00:00"	8.01	295.4	5.119	9.95	3.668	308.7	12.28	6.368	25.79	22.24	3.549	47.83	57.18	26.504	0.02544	0	
"2013-01-16	00:00:00"	10.34	309.3	4.926	17.7	5.683	314.3	7.305	11.14	23.03	21.41	1.614	55.2	59.49	26.503	0.09889	0	
"2013-01-16	01:00:00"	10.55	309.8	5.812	14.12	6.313	313.3	8.03	11.14	21.58	21.16	0.419	55.75	56.77	26.501	0.03408	0	
"2013-01-16	02:00:00"	10.34	309.2	5.411	14.72	5.859	312.2	7.739	9.95	21.14	20.6	0.537	55.82	56.96	26.498	0.02035	0	
"2013-01-16	03:00:00"	9.26	303.1	5.643	11.74	4.728	307.4	8.14	6.964	20.28	19.59	0.691	57.71	59.26	26.503	0.11099	0	
"2013-01-16	04:00:00"	8.12	288.5	7.674	10.54	4.624	292	9.45	6.964	20.65	19.91	0.745	54.89	56.8	26.501	0.11224	0	
"2013-01-16	05:00:00"	7.453	282.2	7.88	9.95	4.73	284.2	9.18	7.561	20.66	19.87	0.797	51.52	53.86	26.492	0.09208	0	
"2013-01-16	06:00:00"	8.02	284.2	6.74	11.14	5.165	285.6	8.41	8.75	20.8	20.2	0.6	49.73	51.48	26.493	0.13164	0	
"2013-01-16	07:00:00"	8.67	292.8	9.05	12.33	4.756	295.9	10.26	6.964	20.34	19.76	0.579	50.92	52.28	26.499	0.1011	0	
"2013-01-16	08:00:00"	9.46	298.6	7.7	12.93	5.024	301.2	9.68	8.16	21.03	20.54	0.485	49.85	50.84	26.507	1.4423	0	
"2013-01-16	09:00:00"	10.45	303.4	8.88	15.31	6.091	306.2	10.4	12.33	22.86	22.84	0.014	48.02	48.13	26.518	62.463	0	
"2013-01-16	10:00:00"	12.2	315.5	7.531	18.89	8.93	318	9.19	15.31	29.87	30.55	-0.686	39.09	38.01	26.547	241.99	0	
"2013-01-16	11:00:00"	11.53	311.5	12.82	18.3	8.31	314.5	13.77	16.51	37.4	38.66	-1.259	29.81	28.15	26.568	309.49	0	
"2013-01-16	12:00:00"	13.32	329.4	16.75	20.68	10.37	330	16.33	18.3	42.69	44.64	-1.947	29.38	26.92	26.566	431.71	0	
"2013-01-16	13:00:00"	13.01	332.6	14.32	24.26	10.47	332.5	14.39	20.68	46.02	47.94	-1.916	34.15	31.22	26.547	537.88	0	
"2013-01-16	14:00:00"	14.77	328.4	12.83	23.66	11.73	329.3	13.14	20.68	48.76	50.79	-2.031	34.78	31.61	26.518	624.84	0	
"2013-01-16	15:00:00"	15.89	340.7	15.2	25.45	12.88	339.8	15.03	21.87	50.25	52.16	-1.903	32.97	30.01	26.509	547.62	0	
"2013-01-16	16:00:00"	17.39	342.5	13.25	26.65	14.01	341.7	13.3	22.47	51.18	52.75	-1.567	29.9	27.32	26.513	442.32	0	
"2013-01-16	17:00:00"	14.53	333.9	12.84	20.68	11.52	334.1	12.8	18.89	51.46	52.49	-1.028	30.73	28.5	26.518	280.35	0	
"2013-01-16	18:00:00"	11.05	337	10.16	18.89	8.44	336.6	10.52	15.31	51	50.84	0.16	31.16	29.97	26.529	98.764	0	
"2013-01-16	19:00:00"	8.99	320.1	6.691	10.54	4.749	322.3	8.55	6.368	48.74	44	4.733	32.37	35.94	26.548	2.0917	0	
"2013-01-16	20:00:00"	10.41	318.5	3.497	11.74	5.186	328.3	7.439	6.368	47.94	40.42	7.522	32.75	40.61	26.565	0	0	
"2013-01-16	21:00:00"	8.7	314.5	17.16	12.33	4.067	318.5	18.59	6.964	43.49	38.23	5.254	37.82	44.71	26.576	0	0	
"2013-01-16	22:00:00"	8.91	304.3	7.205	11.74	3.954	307.9	8.37	6.964	39.57	34.94	4.634	43.29	50.53	26.59	0	0	
"2013-01-16	23:00:00"	10.47	312.4	7.876	12.93	5.632	314.5	10.17	8.75	35.51	33.51	2.004	51.75	54.75	26.601	0	0	
"2013-01-17	00:00:00"	9.79	316.1	4.52	12.33	5.266	316.3	6.885	8.16	37.17	34.7	2.47	49.84	53.78	26.616	0	0	
"2013-01-17	01:00:00"	10.03	321	5.088	12.93	5.728	320.4	7.818	8.16	37.09	34.53	2.568	48.39	52.68	26.629	0	0	
"2013-01-17	02:00:00"	10.61	327	5.611	13.52	6.563	328.7	8.3	9.95	38.47	36.08	2.395	45.48	49.09	26.64	0	0	

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-17	03:00:00"	9.61	335.1	6.596	12.33	5.651	339.5	9.87	8.16	38.64	35.5	3.133	44.76	49.77	26.652	0
"2013-01-17	04:00:00"	9.96	342.3	4.877	12.33	6.339	343.6	7.722	8.75	38.57	36.12	2.454	44.62	48.54	26.656	0
"2013-01-17	05:00:00"	8.82	333.3	7.863	11.74	5.304	332.8	10.2	8.16	36.69	34.21	2.483	48.03	52.03	26.665	0
"2013-01-17	06:00:00"	8.8	344.1	7.021	11.74	5.568	346	7.615	8.16	35.86	33.32	2.542	50.5	54.86	26.668	0
"2013-01-17	07:00:00"	9.03	357.2	11.2	11.14	5.367	355.3	10.37	7.561	35.49	32.31	3.182	50.47	56.31	26.673	0
"2013-01-17	08:00:00"	10.39	7.742	2.161	11.74	5.62	4.742	8.6	7.561	36.16	31.91	4.25	48.26	56.65	26.688	1.3911
"2013-01-17	09:00:00"	7.718	0.112	11.49	11.74	4.971	353.2	11.05	7.561	36.41	35.21	1.197	50.01	52.58	26.716	86.557
"2013-01-17	10:00:00"	7.369	24.75	15.26	10.54	6.11	26.18	18.71	9.95	43.48	43.69	-0.206	42.36	41.58	26.756	268.01
"2013-01-17	11:00:00"	8.73	47.96	10.05	13.52	7.494	50.63	11.96	11.74	47.28	47.91	-0.63	38.92	37.45	26.781	434.97
"2013-01-17	12:00:00"	8.53	70.64	13.64	13.52	7.33	71.93	13.63	12.93	49.76	50.61	-0.846	36.48	34.59	26.777	560.87
"2013-01-17	13:00:00"	7.389	85.5	19.9	14.12	6.315	86.3	22.22	11.74	51.45	53.79	-2.332	33.87	30.82	26.752	629.96
"2013-01-17	14:00:00"	6.097	125.6	35.59	12.93	5.376	127.5	38.99	10.54	52.49	54.61	-2.121	31.6	28.6	26.722	633.66
"2013-01-17	15:00:00"	5.553	127.8	33.48	11.14	4.94	132.2	38.78	11.14	53.86	55.86	-1.999	29.12	26.37	26.701	559.13
"2013-01-17	16:00:00"	6.919	121	28.74	20.68	5.971	122.2	32.06	18.3	54.7	56.99	-2.293	27.92	25.02	26.695	450.26
"2013-01-17	17:00:00"	6.908	119.3	19.31	12.33	5.947	120.5	20.65	9.95	54.8	56.69	-1.893	27.17	24.61	26.698	287.18
"2013-01-17	18:00:00"	7.77	137.3	7.965	11.74	6.104	138.3	7.871	9.95	54.08	54.78	-0.701	28.13	26.81	26.705	102.09
"2013-01-17	19:00:00"	8.35	119.4	7.949	10.54	4.488	112.2	13.17	5.771	50.99	47.98	3.005	31.22	33.46	26.708	2.343
"2013-01-17	20:00:00"	9.39	110	3.438	11.14	4.439	95.6	6.611	5.771	47.91	42.81	5.102	34.97	39.76	26.712	0
"2013-01-17	21:00:00"	8.33	121.5	3.902	9.95	4.072	107.8	8.36	5.175	44.94	40.58	4.36	40.14	45.05	26.72	0
"2013-01-17	22:00:00"	10.03	129	5.235	11.74	6.011	127.3	6.813	8.75	43.96	41.23	2.723	42.31	46.43	26.725	0
"2013-01-17	23:00:00"	9.63	123.1	8.02	12.33	5.965	118.2	13.44	8.16	42.76	41	1.756	44.28	46.46	26.726	0
"2013-01-18	00:00:00"	9.3	114.5	5.57	11.74	5.59	107.1	8.57	7.561	40.46	38.19	2.278	48.32	51.57	26.716	0
"2013-01-18	01:00:00"	9.45	127.1	6.657	12.93	6.08	126	7.734	9.95	40.14	38.5	1.641	48.93	51.52	26.705	0
"2013-01-18	02:00:00"	9.34	134.5	5.845	12.33	6.523	132.5	6.093	9.35	40.21	39.23	0.976	48.46	50.03	26.7	0
"2013-01-18	03:00:00"	8.93	143.8	8.14	13.52	6.466	143.3	8.28	10.54	39.58	38.5	1.083	50.18	51.7	26.694	0
"2013-01-18	04:00:00"	8.12	145.6	7.479	13.52	5.888	144	7.428	9.95	38.42	37.61	0.813	53.92	54.44	26.676	0
"2013-01-18	05:00:00"	6.665	132.4	12.72	11.14	4.172	119.2	21.15	8.16	37.09	35.3	1.788	57.12	59.42	26.649	0
"2013-01-18	06:00:00"	7.803	165	11.89	14.12	5.962	166.4	13.94	11.14	37.28	36.6	0.678	56.91	57.39	26.636	0
"2013-01-18	07:00:00"	5.033	186.1	9.86	7.561	3.306	197	15.29	5.771	34.71	33.95	0.759	61.95	62.43	26.63	0
"2013-01-18	08:00:00"	3.048	221	16.63	6.964	1.907	277.2	36.04	5.175	35.56	33.98	1.577	61.07	62.84	26.636	1.4426
"2013-01-18	09:00:00"	5.236	187.5	5.93	6.964	3.064	188.9	7.584	5.771	37.21	36.16	1.046	58.25	60.01	26.646	87.726
"2013-01-18	10:00:00"	9.94	184	9.74	17.1	7.823	183.7	11.88	14.72	41.37	41.54	-0.171	53.89	53.37	26.657	270.71
"2013-01-18	11:00:00"	13.29	191.8	11.47	20.09	10.76	192.8	14.37	16.51	47.08	48.05	-0.969	42.76	40.84	26.66	440.59
"2013-01-18	12:00:00"	13.36	198.4	12.97	22.47	10.87	199.2	14.68	20.09	50.27	51.77	-1.496	37.56	35.15	26.641	568.83
"2013-01-18	13:00:00"	15.44	195.4	11.52	23.07	12.51	196.7	13.25	20.09	53.3	54.95	-1.649	32.59	30.12	26.599	637.95
"2013-01-18	14:00:00"	15.68	193.4	12.8	23.07	12.65	194.6	14.88	19.49	55.35	56.99	-1.647	28.94	26.49	26.556	641.79
"2013-01-18	15:00:00"	13.53	195.7	16.21	21.87	11.09	196.4	19.19	18.3	56.69	58.31	-1.613	27.15	24.74	26.525	575.59
"2013-01-18	16:00:00"	13.21	208.3	14.29	21.87	10.8	207.5	16	19.49	57.79	59.07	-1.283	25.03	22.77	26.515	466
"2013-01-18	17:00:00"	12.41	200.6	13.51	20.68	10.08	200.5	14.57	17.7	57.62	58.46	-0.848	25.2	23.24	26.506	292.49
"2013-01-18	18:00:00"	10.32	197.6	12.72	17.1	8.32	197.3	13.15	14.12	56.49	56.66	-0.165	26.51	25.1	26.505	105.19
"2013-01-18	19:00:00"	8.96	180.3	7.589	13.52	6.88	179	9.29	11.14	52.88	52.1	0.775	29.75	29.38	26.506	2.1499
"2013-01-18	20:00:00"	8.37	179.4	8.55	12.33	6.1	178	10.16	9.35	50.17	49	1.171	32.66	32.89	26.505	0
"2013-01-18	21:00:00"	9.52	175.1	6.925	15.31	6.977	172.2	8.82	11.14	47.79	46.52	1.274	35.68	36.24	26.501	0
"2013-01-18	22:00:00"	10.01	168.5	8.28	14.12	7.669	169.1	9.71	11.74	44.87	44.33	0.546	42.63	42.07	26.493	0
"2013-01-18	23:00:00"	7.574	184.7	10.14	15.31	5.57	188.1	12.76	11.74	42.07	41.74	0.334	49.91	49.35	26.486	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-19	00:00:00"	7.469	192	9.68	11.74	5.263	196.9	11.78	8.75	40.86	40.33	0.532	54.48	54.24	26.472	0
"2013-01-19	01:00:00"	7.22	197.8	8.12	12.93	5.111	200.9	8.96	8.16	39.46	39.03	0.425	59.8	59.26	26.463	0
"2013-01-19	02:00:00"	6.017	206.8	11.25	9.35	4.326	203	12.04	8.16	38.39	37.81	0.579	62.43	62.28	26.453	0
"2013-01-19	03:00:00"	5.436	222.9	17.05	8.75	3.926	221.9	23.5	6.368	36.85	36.43	0.425	65.35	64.83	26.445	0
"2013-01-19	04:00:00"	6.127	237.4	9.79	8.16	4.425	243.6	12.87	6.964	35.91	35.34	0.568	67.86	67.75	26.435	0
"2013-01-19	05:00:00"	7.442	252	6.702	9.95	4.885	258	8.38	8.16	34.27	33.64	0.632	70.79	70.76	26.424	0
"2013-01-19	06:00:00"	7.159	268.2	13.36	10.54	4.403	276.1	16.99	7.561	36.16	34.25	1.911	66.68	70.17	26.423	0
"2013-01-19	07:00:00"	6.795	268.1	11.55	8.75	4.262	266.6	11.71	5.771	37.89	35.34	2.548	57.77	63.71	26.429	0
"2013-01-19	08:00:00"	4.486	231	12.65	6.368	3.12	214.5	17.98	5.175	35.45	34.21	1.244	61.72	64.03	26.444	1.1099
"2013-01-19	09:00:00"	5.123	230.8	16.98	7.561	3.196	227.3	20.72	5.771	35.81	34.19	1.618	62.3	66.25	26.466	84.723
"2013-01-19	10:00:00"	2.994	252.1	26.48	6.368	2.329	233.5	28.78	5.175	39.93	39.97	-0.042	54.77	56.16	26.497	286.24
"2013-01-19	11:00:00"	6.156	275	11.35	8.16	4.895	276.4	13	8.16	48.13	49.46	-1.328	36.78	35.23	26.517	454.87
"2013-01-19	12:00:00"	9.38	278.1	12.48	14.72	6.919	280.2	14.77	12.33	55.84	57.58	-1.733	27.7	25.79	26.51	582.46
"2013-01-19	13:00:00"	10.89	284.5	13.92	17.7	7.689	287.6	15.73	15.31	61.44	64.19	-2.748	19.41	17.04	26.485	656.21
"2013-01-19	14:00:00"	12.3	295.2	14.24	20.09	7.977	298.5	14.8	17.7	63.72	66.67	-2.95	16.8	14.33	26.455	660.51
"2013-01-19	15:00:00"	13.19	302.1	20.52	23.66	9.37	304.7	20.45	16.51	64.49	67.62	-3.131	14.89	12.44	26.439	583.27
"2013-01-19	16:00:00"	12.22	335.5	21.72	21.28	9.6	335.4	20.8	17.7	63.9	66.78	-2.886	14.38	12.05	26.445	476.42
"2013-01-19	17:00:00"	8.34	355.6	18.81	14.72	6.725	353.3	19.68	11.14	63.95	65.67	-1.722	14.67	12.74	26.453	308.56
"2013-01-19	18:00:00"	6.475	8.9	14.24	11.74	4.363	7.378	17.31	11.14	63.27	63.25	0.017	14.47	13.76	26.465	116.53
"2013-01-19	19:00:00"	4.549	39.03	7.636	6.368	1	25.91	14.32	1	60.17	56.87	3.297	17.02	18.18	26.477	3.2066
"2013-01-19	20:00:00"	6.117	37.36	6.884	8.75	1	14.72	8.78	1	56.49	48.18	8.31	19.54	25.16	26.489	0
"2013-01-19	21:00:00"	9.71	11.15	8.37	14.12	3.386	3.743	7.893	9.35	50.76	43.22	7.54	25.39	32.8	26.509	0
"2013-01-19	22:00:00"	11.23	9.1	6.4	12.93	6.546	4.826	10.2	8.75	45.29	42.01	3.286	30.26	34.49	26.529	0
"2013-01-19	23:00:00"	10.73	14.84	3.537	12.93	5.987	13.86	9.04	8.16	42.67	39.73	2.943	33.39	37.41	26.537	0
"2013-01-20	00:00:00"	10.21	16.77	4.284	12.93	5.907	17.95	9.29	8.75	40.97	38.62	2.342	35.99	39.3	26.543	0
"2013-01-20	01:00:00"	10.88	10.87	4.201	13.52	6.625	8.51	9.18	9.35	39.02	37.36	1.66	38.63	41.54	26.538	0
"2013-01-20	02:00:00"	10.46	18.04	4.707	13.52	6.753	18.87	9.44	9.35	38.34	37.35	0.998	40	42.29	26.53	0
"2013-01-20	03:00:00"	9.64	20.84	5.382	11.74	5.907	21.24	10.11	8.16	37.92	35.88	2.042	40.88	44.8	26.527	0
"2013-01-20	04:00:00"	9.07	12	11.75	11.14	5.452	6.294	14.86	7.561	36.6	34.72	1.886	42.59	46.19	26.519	0
"2013-01-20	05:00:00"	9.28	2.57	11.94	11.14	5.355	359.1	10.11	7.561	35.13	32.84	2.293	44.13	48.79	26.508	0
"2013-01-20	06:00:00"	9.4	3.51	10.54	10.54	5.579	1.622	9.3	7.561	33.75	32.06	1.687	46.62	50.48	26.5	0
"2013-01-20	07:00:00"	9.35	341.7	17.62	11.74	5.828	340.5	15.82	8.16	32.88	31.34	1.538	47.71	51.06	26.505	0
"2013-01-20	08:00:00"	9.39	331.3	8.51	11.74	6.284	331.8	9.63	9.35	30.16	29.34	0.82	54.18	55.66	26.507	1.6281
"2013-01-20	09:00:00"	8.23	358.7	11.91	11.14	5.766	357.2	11.64	7.561	35.57	34.53	1.036	45.94	47.7	26.515	94.376
"2013-01-20	10:00:00"	4.381	14.53	7.877	8.16	3.783	20.78	10.76	6.964	45.83	46.07	-0.243	33.76	33.53	26.531	284.89
"2013-01-20	11:00:00"	2.722	167.4	86.3	6.964	2.204	181.6	88.7	6.368	51.98	52.9	-0.917	28.51	26.85	26.54	460.21
"2013-01-20	12:00:00"	5.764	222.7	16	10.54	4.894	225.8	18.32	10.54	54.99	56.06	-1.079	25.85	24	26.533	589.64
"2013-01-20	13:00:00"	6.672	217.7	18.45	11.74	5.58	220.4	22.47	9.95	57.04	58.73	-1.694	23.15	20.92	26.495	662.53
"2013-01-20	14:00:00"	8.06	227.5	24.4	14.12	6.745	230.9	28.66	12.93	58.81	61.47	-2.663	20.74	18.03	26.453	666.33
"2013-01-20	15:00:00"	9.91	208.5	17.77	15.91	8.29	209.4	20.44	14.12	61.13	63.75	-2.614	19.26	16.54	26.422	590.54
"2013-01-20	16:00:00"	10.17	214.6	16.48	18.3	8.54	213.3	19.73	15.91	62.3	64.7	-2.4	18.86	16.2	26.408	478.5
"2013-01-20	17:00:00"	12.27	201.2	12.82	18.89	10.01	201.9	14.03	15.91	62.56	64.97	-2.407	18.93	16.38	26.397	310.15
"2013-01-20	18:00:00"	10.95	200	9.73	17.1	8.82	200.4	10.09	14.12	61.28	62.97	-1.687	19.28	17.09	26.389	119.28
"2013-01-20	19:00:00"	7.03	202.3	9.37	11.14	4.794	207	11.71	8.75	56.66	56.29	0.369	22.02	21.03	26.394	3.4714
"2013-01-20	20:00:00"	4.813	203	8.35	6.964	2.615	202.3	13.95	5.175	54.51	52.51	2	23.06	23.85	26.403	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-01-20	21:00:00"	6.404	205.1	10.85	8.75	4.268	205.7	10.61	6.964	52.56	50.69	1.866	24.18	24.72	26.412	0	0
"2013-01-20	22:00:00"	5.164	220.3	13.1	8.16	3.13	212.8	17.23	5.771	49.25	47.51	1.744	27	27.82	26.418	0	0
"2013-01-20	23:00:00"	5.565	235.5	9.8	7.561	3.574	243.4	14.87	6.368	48.4	46.58	1.828	27.5	28.7	26.426	0	0
"2013-01-21	00:00:00"	9.08	352	36.27	19.49	6.839	348.9	31.68	14.72	45.06	43.98	1.075	30.62	31.83	26.452	0	0
"2013-01-21	01:00:00"	12.16	8.77	5.511	16.51	8.71	5.73	10.28	14.12	39.67	40.83	-1.158	35.42	34.57	26.453	0	0
"2013-01-21	02:00:00"	13.5	11.43	5.81	17.1	10.26	9.12	10.98	14.12	36.85	40.25	-3.399	40.04	35.47	26.456	0	0
"2013-01-21	03:00:00"	13.85	11.53	5.31	17.1	10.55	9.08	11.26	14.72	35.2	38.8	-3.598	44.37	38.36	26.462	0	0
"2013-01-21	04:00:00"	14.76	8.58	8.17	20.09	11.38	6.008	12.09	17.1	34.25	38.07	-3.815	48.89	41.41	26.467	0	0
"2013-01-21	05:00:00"	16.19	6.717	9.41	22.47	12.9	3.178	14.14	18.89	33.73	37.66	-3.921	53.49	45.37	26.472	0	0
"2013-01-21	06:00:00"	17.01	10.74	6.695	23.07	13.62	7.854	13.52	19.49	32.34	36.56	-4.217	59.43	49.42	26.473	0	0
"2013-01-21	07:00:00"	15.73	13.25	6.292	21.28	12.49	10.93	11.26	18.89	30.73	34.18	-3.445	66.34	56.87	26.49	0	0
"2013-01-21	08:00:00"	14.57	21.67	5.413	18.89	11.7	22.83	9.83	16.51	30.03	30.61	-0.581	71.94	69.88	26.509	1.7367	0
"2013-01-21	09:00:00"	15.99	22.79	5.603	21.28	13.33	24.83	9.29	18.89	30.49	31.8	-1.302	73.55	70.9	26.53	84.813	0
"2013-01-21	10:00:00"	17.71	28.8	7.154	23.66	14.75	31.43	9.67	21.28	32.75	35	-2.248	68.53	64.18	26.552	273.07	0
"2013-01-21	11:00:00"	14.88	32.14	9.74	21.87	12.56	33.86	12.61	19.49	35	37.31	-2.318	63.66	58.78	26.575	445.74	0
"2013-01-21	12:00:00"	12.14	37.05	12.85	19.49	10.41	38.48	15.07	16.51	37.85	39.98	-2.121	58.74	53.89	26.582	600.6	0
"2013-01-21	13:00:00"	8.97	42.88	17.41	14.72	7.831	45.4	18.86	14.72	40.38	42.36	-1.977	53.13	48.52	26.571	649.97	0
"2013-01-21	14:00:00"	7.521	32.06	18.83	13.52	6.684	32.51	23.82	12.93	42.46	44.54	-2.077	47.73	43.09	26.539	657.08	0
"2013-01-21	15:00:00"	6.315	38.61	21.94	11.74	5.618	40.25	25.13	11.14	44.99	46.81	-1.815	42.64	38.74	26.517	590.7	0
"2013-01-21	16:00:00"	4.927	43.89	39.15	9.35	4.396	44.04	43.26	9.95	46.95	48.28	-1.332	39.11	36.27	26.503	472.11	0
"2013-01-21	17:00:00"	5.194	55.15	29.51	8.75	4.522	53.98	32.16	8.16	48.49	49.55	-1.061	36.83	34.34	26.497	310.34	0
"2013-01-21	18:00:00"	5.363	82.1	18.8	8.75	4.453	83.2	20.95	8.16	48.58	48.91	-0.328	36.23	34.52	26.493	121.92	0
"2013-01-21	19:00:00"	5.965	90.7	5.517	8.16	3.853	83.8	8.86	5.771	45.95	43.93	2.021	39.06	40.03	26.493	2.9789	0
"2013-01-21	20:00:00"	8.05	94.9	4.466	9.35	4.592	82.7	8.43	6.368	43.77	39.24	4.531	42.41	46.98	26.488	0	0
"2013-01-21	21:00:00"	7.547	129.7	15.42	9.35	4.005	127.8	20.52	6.368	41.78	37.92	3.862	45.48	50.48	26.484	0	0
"2013-01-21	22:00:00"	7.545	150.6	8.02	12.33	5.397	146.6	9.63	9.35	40.86	39.74	1.117	45.97	46.55	26.484	0	0
"2013-01-21	23:00:00"	6.004	169	19.79	11.14	3.79	171.3	28.96	8.16	39.18	38.11	1.072	50.74	51.23	26.486	0	0
"2013-01-22	00:00:00"	3.187	226.3	16.85	5.175	1	268.8	40.94	1	38.46	36.3	2.167	52.42	54.47	26.485	0	0
"2013-01-22	01:00:00"	2.967	166.2	30.07	5.175	1.263	52.01	56.03	4.578	38.55	34.13	4.411	52.95	58.54	26.482	0	0
"2013-01-22	02:00:00"	3.621	142.1	12.08	5.175	1	86.5	46.26	1	37.86	34.93	2.931	55.49	58.93	26.483	0	0
"2013-01-22	03:00:00"	6.048	125.9	15.97	8.75	2.694	103.4	36.35	6.368	37.41	34.26	3.152	56.75	60.87	26.484	0	0
"2013-01-22	04:00:00"	5.193	177.3	10.48	9.35	2.805	177.7	10.98	6.368	37.18	35.34	1.839	58.27	60.15	26.474	0	0
"2013-01-22	05:00:00"	2.268	247.8	50.5	5.175	1	312.1	49.32	1	37.01	32.76	4.249	60.1	64.57	26.475	0	0
"2013-01-22	06:00:00"	4.06	190.3	13.55	5.771	1.658	199.2	33.41	3.386	37.84	34.75	3.086	59.87	63.46	26.47	0	0
"2013-01-22	07:00:00"	3.136	197.3	32.99	5.771	1.108	22.11	99.2	3.386	36.35	33.38	2.962	62.83	66.28	26.479	0	0
"2013-01-22	08:00:00"	4.752	170.9	12.3	5.771	1	167.3	23	1	36.67	34	2.677	63.82	66.9	26.491	1.6392	0
"2013-01-22	09:00:00"	4.516	191.8	8.56	6.368	1.462	186	16.5	4.578	35.56	34.23	1.332	66.07	67.85	26.503	94.993	0
"2013-01-22	10:00:00"	5.159	226.5	20.27	8.75	4.226	231.6	23.88	8.16	38.71	39.11	-0.399	66.26	65.06	26.52	282.53	0
"2013-01-22	11:00:00"	4.456	223.8	18.49	8.75	4.056	228.3	18.35	7.561	44.07	45.01	-0.935	58.14	55.89	26.532	457.3	0
"2013-01-22	12:00:00"	6.812	216.2	15.76	11.14	5.95	219.4	18.43	9.95	49.89	51.18	-1.288	47.68	44.71	26.535	587.38	0
"2013-01-22	13:00:00"	6.634	210.7	19.66	11.74	5.705	211.9	22.92	10.54	53.71	55.08	-1.37	40.71	37.92	26.51	661.22	0
"2013-01-22	14:00:00"	6.932	206.7	17.11	12.93	6.042	208.1	20.4	11.14	57.41	58.69	-1.278	33.68	31.26	26.475	667.58	0
"2013-01-22	15:00:00"	7.721	211.6	16.55	13.52	6.627	214.2	19.78	11.14	61.09	62.23	-1.145	27.9	25.68	26.451	592.24	0
"2013-01-22	16:00:00"	8.2	209.3	15.26	13.52	6.868	208.6	17.53	11.74	62.66	63.7	-1.048	26.62	24.43	26.449	480.15	0
"2013-01-22	17:00:00"	8.42	208.3	13.6	12.93	6.988	207.8	16.79	12.33	63.15	63.8	-0.651	24.04	22.15	26.449	313.93	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-22	18:00:00"	8.77	201.7	10.99	13.52	7.024	201.1	11.29	11.74	62.45	62.47	-0.021	23.01	21.58	26.442	124.45	0
"2013-01-22	19:00:00"	8.37	192.9	7.014	11.74	5.717	196.7	9.33	8.75	57.83	56.73	1.1	25.94	25.59	26.442	4.2535	0
"2013-01-22	20:00:00"	8.57	200.8	8.68	11.14	5.987	201.3	8.76	8.16	54.4	53.28	1.122	30.89	30.35	26.45	0	0
"2013-01-22	21:00:00"	8.32	203.5	9.2	11.14	5.822	203.9	9.97	9.35	51.76	50.87	0.889	35.49	34.91	26.456	0	0
"2013-01-22	22:00:00"	6.675	212.2	10.94	9.35	4.483	214.3	12.47	7.561	48.81	48.01	0.8	41.59	41.08	26.46	0	0
"2013-01-22	23:00:00"	7.037	218.2	11.53	11.74	4.989	221.4	12.4	8.16	49.08	48.07	1.009	43.48	43.1	26.47	0	0
"2013-01-23	00:00:00"	6.627	218.9	11.38	9.95	4.77	223.4	12.02	7.561	48.59	47.81	0.782	51.53	50.53	26.486	0	0
"2013-01-23	01:00:00"	7.386	219.2	10.71	11.74	5.66	219.6	10.69	9.35	47.46	46.85	0.607	63.55	62.09	26.487	0	0
"2013-01-23	02:00:00"	7.416	210.2	11.41	10.54	5.305	211.9	13.22	8.75	46.02	45.48	0.531	73.82	71.92	26.474	0	0
"2013-01-23	03:00:00"	6.74	241.6	10.46	8.16	4.448	248	12.62	6.368	43.81	42.55	1.253	77.33	76.19	26.47	0	0
"2013-01-23	04:00:00"	6.616	248.1	6.875	9.35	3.716	257.7	11.4	6.964	42.18	40.77	1.406	81.3	80.1	26.472	0	0
"2013-01-23	05:00:00"	5.225	239.8	11.91	8.16	2.772	259.3	26.18	6.368	41.19	39.55	1.645	86.8	85.4	26.477	0.2065	0
"2013-01-23	06:00:00"	6.035	250.4	8.35	8.16	3.543	262.6	6.775	5.771	38.33	36.85	1.481	88	86.4	26.478	0.65992	0
"2013-01-23	07:00:00"	6.355	254.4	12.55	8.75	4.029	261.9	15.66	6.368	38.28	36.9	1.376	88.5	86.9	26.498	0.68418	0
"2013-01-23	08:00:00"	6.113	252.3	10.96	8.75	3.418	254.6	18.04	5.771	41.16	39.13	2.025	85.7	87.6	26.517	2.5196	0
"2013-01-23	09:00:00"	5.677	232.1	11.52	8.16	2.719	218.3	19.38	6.368	41.85	38.92	2.926	66.54	84.2	26.528	102.76	0
"2013-01-23	10:00:00"	4.153	281.2	27.03	7.561	1	275.6	30.06	1.596	45.06	44.69	0.368	50.93	56.58	26.551	292.75	0
"2013-01-23	11:00:00"	4.552	220.2	33.03	7.561	2.692	219.6	31.67	6.964	51.55	52.34	-0.791	42.03	41.02	26.571	467.69	0
"2013-01-23	12:00:00"	6.595	217.9	16.9	10.54	5.732	218.4	20.29	9.95	58.49	59.41	-0.914	28.82	27.29	26.571	600.13	0
"2013-01-23	13:00:00"	9.12	246.2	13.71	17.7	7.504	249.7	15.83	15.91	64.98	66	-1.021	18.72	17.17	26.554	673.63	0
"2013-01-23	14:00:00"	15.8	260.8	14.68	24.26	12.69	264.9	17.27	22.47	69.08	70.8	-1.724	12.25	10.34	26.512	680.36	0
"2013-01-23	15:00:00"	13.13	240.9	17.97	21.28	10.87	244.9	21.11	18.89	70.11	71.56	-1.448	11.45	9.54	26.488	604.16	0
"2013-01-23	16:00:00"	12.28	213.6	15.72	20.09	10.13	213	19.52	16.51	71.03	71.9	-0.865	11.8	9.97	26.478	494.42	0
"2013-01-23	17:00:00"	11.31	203.6	13.34	17.7	9.21	202.4	14.32	14.72	70.76	71.6	-0.834	11.66	9.91	26.473	325.96	0
"2013-01-23	18:00:00"	9.36	208.7	13.41	17.1	7.4	206.4	14.47	13.52	69.71	69.74	-0.032	12.41	10.91	26.474	130.05	0
"2013-01-23	19:00:00"	6.578	224.8	11.86	11.14	3.368	224.4	14.79	8.16	65.3	64.39	0.911	13.7	12.77	26.482	2.9355	0
"2013-01-23	20:00:00"	5.463	216.6	12.77	8.16	1.605	209.2	16.58	5.771	60.84	59.55	1.287	17.31	16.68	26.484	0	0
"2013-01-23	21:00:00"	6.713	225.9	11.78	9.95	2.931	225.4	12.52	7.561	57.85	56.52	1.329	20.6	20.19	26.488	0	0
"2013-01-23	22:00:00"	7.04	248	9.41	12.93	4.676	255.6	11.14	10.54	57.07	55.12	1.943	21.89	22.4	26.496	0	0
"2013-01-23	23:00:00"	12.38	261.4	7.188	17.1	9.79	268.5	7.55	15.91	57.82	56.39	1.427	23.11	22.73	26.498	0	0
"2013-01-24	00:00:00"	10.39	261.4	7.649	14.72	7.835	266	8.44	12.33	57.42	56.14	1.28	24.69	24.26	26.503	0	0
"2013-01-24	01:00:00"	9.79	262.1	9.96	14.12	7.08	266.6	11.59	11.74	57.4	56	1.39	24.73	24.51	26.501	0	0
"2013-01-24	02:00:00"	6.994	216.8	17.17	12.93	5.071	217.4	19.61	10.54	48.91	47.88	1.03	33.36	33.29	26.505	0	0
"2013-01-24	03:00:00"	4.844	225.1	15.68	7.561	2.618	228.5	25.23	5.175	48.2	46.36	1.834	34.24	35.17	26.504	0	0
"2013-01-24	04:00:00"	4.73	243.1	26.65	6.368	2.62	247.4	44.81	4.578	48.95	45.88	3.07	32.84	35.41	26.499	0	0
"2013-01-24	05:00:00"	5.918	283.9	7.517	7.561	3.131	310.2	9.71	4.578	52.46	44.27	8.19	26.41	35.85	26.491	0	0
"2013-01-24	06:00:00"	5.085	261.2	13.61	7.561	2.114	259.2	31.01	5.175	49.96	45.68	4.277	27.71	32.34	26.491	0	0
"2013-01-24	07:00:00"	5.804	256.2	15.2	9.35	3.329	242.9	30.02	6.368	49.08	45.91	3.172	27.74	31.13	26.49	0	0
"2013-01-24	08:00:00"	4.182	253.7	15.22	5.771	1.038	253	30.63	2.789	48.37	44.94	3.425	28.18	31.6	26.492	1.4476	0
"2013-01-24	09:00:00"	3.82	216.3	41.38	6.368	1.172	215	61.89	5.175	46.2	44.51	1.694	31.48	33.64	26.504	90.435	0
"2013-01-24	10:00:00"	2.714	235.2	29.97	5.175	1.312	226	41.37	4.578	48.05	48.18	-0.132	34.7	33.97	26.516	294.93	0
"2013-01-24	11:00:00"	3.773	254.4	28.19	8.16	3.004	250.8	29.27	6.964	57.26	57.74	-0.482	26.42	25.1	26.52	449.04	0
"2013-01-24	12:00:00"	4.612	258.9	20.46	9.35	3.484	261.9	21.91	8.16	63.95	64.91	-0.96	22.07	20.22	26.51	595.61	0
"2013-01-24	13:00:00"	11.32	257.4	17.4	22.47	8.61	262.7	19.24	18.89	71.03	72.19	-1.153	19.7	17.68	26.478	655.19	0
"2013-01-24	14:00:00"	18.55	270.8	13.67	27.24	14.11	275.9	14.75	22.47	74.3	75.73	-1.427	18.56	16.35	26.443	642	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-24	15:00:00"	19	281.4	11.12	27.84	13.41	286	12.49	23.07	74.69	76.13	-1.446	17.44	15.26	26.416	517.48	0
"2013-01-24	16:00:00"	16.46	278.8	11.31	24.86	11.82	283.5	12.68	21.28	75.05	76.56	-1.507	16.39	14.23	26.405	523.13	0
"2013-01-24	17:00:00"	13.62	277.1	11.04	21.28	9.93	281.5	12.94	18.89	75.17	76.36	-1.191	15.29	13.29	26.4	369.34	0
"2013-01-24	18:00:00"	10.55	291.8	14.89	17.1	6.082	295.8	15.71	14.12	74.14	74.25	-0.109	14.64	13.15	26.401	151.12	0
"2013-01-24	19:00:00"	6.466	299.6	5.141	9.35	1	309.4	7.271	1	70.61	67.33	3.28	16.34	16.8	26.417	3.8332	0
"2013-01-24	20:00:00"	6.937	300.2	7.025	9.35	1	308.5	12.87	1	67.35	63.32	4.025	20.33	21.87	26.428	0	0
"2013-01-24	21:00:00"	8.23	309.5	8.3	11.74	1	313.3	9.04	1	63.58	59.79	3.794	23.63	26	26.435	0	0
"2013-01-24	22:00:00"	7.42	295.6	6.769	9.95	1	298	10.16	1	61.22	56.92	4.304	25.35	27.95	26.435	0	0
"2013-01-24	23:00:00"	6.034	267.5	5.819	8.75	1	280.1	6.52	1.596	59.35	55.96	3.381	27.37	29.57	26.434	0	0
"2013-01-25	00:00:00"	6.605	269.3	10.75	11.14	1	283	13.55	1	58.03	53.97	4.053	28.74	31.99	26.43	0	0
"2013-01-25	01:00:00"	9.22	285.5	6.874	12.33	3.439	290.8	8.94	6.964	55.43	52.43	2.998	32.56	34.74	26.43	0	0
"2013-01-25	02:00:00"	11.23	290.5	7.279	15.31	5.128	297.4	9.56	10.54	54.86	52.25	2.61	34.2	36.04	26.421	0	0
"2013-01-25	03:00:00"	11.14	302.1	8.2	14.72	5.607	306	10.88	10.54	52.44	50.98	1.459	36.96	37.81	26.423	0	0
"2013-01-25	04:00:00"	12.25	310.2	7.499	17.1	7.655	313.1	9.25	12.93	53.14	52.48	0.659	36.01	35.87	26.418	0	0
"2013-01-25	05:00:00"	10.5	309.7	14.86	17.7	7.709	314	15.25	14.72	52.18	50.97	1.217	37.55	37.95	26.418	0	0
"2013-01-25	06:00:00"	11.96	309	12.94	15.91	7.174	311.8	13.69	12.93	53.7	52.57	1.129	36.8	36.93	26.423	0	0
"2013-01-25	07:00:00"	13.53	309.2	11.46	20.68	8.24	312.7	12.73	15.31	52.35	51.36	0.991	40.77	40.62	26.426	0	0
"2013-01-25	08:00:00"	11.92	324	9.84	17.1	8.22	326	11.36	12.93	53.39	52.33	1.063	46.34	46.32	26.433	2.0874	0
"2013-01-25	09:00:00"	13.35	324.9	9.21	18.89	9.8	326	10.39	15.91	54.5	53.92	0.585	48.14	47.69	26.441	47.323	0
"2013-01-25	10:00:00"	14.27	327.6	7.243	23.07	10.95	328.8	8.73	19.49	57.56	57.61	-0.051	43.34	42.03	26.462	199.89	0
"2013-01-25	11:00:00"	17.55	329	9.91	24.26	13.76	329.9	11.03	20.68	63.02	64.47	-1.455	34.84	32.36	26.483	444.75	0
"2013-01-25	12:00:00"	13.96	358.3	14.39	20.09	11.7	355.7	15.58	18.89	64.48	66.58	-2.093	30.83	27.95	26.488	584.83	0
"2013-01-25	13:00:00"	8.49	347.6	23.53	14.72	6.911	346	23.01	14.12	65.59	67.9	-2.312	28.39	25.32	26.479	695.64	0
"2013-01-25	14:00:00"	6.849	305.2	31.36	14.12	5.224	306.6	33.28	11.74	66.73	68.37	-1.646	27.51	24.84	26.456	416.43	0
"2013-01-25	15:00:00"	6.434	330.6	21.98	10.54	4.981	332	20.66	10.54	67.06	67.83	-0.771	28.09	26.01	26.437	180.35	0
"2013-01-25	16:00:00"	4.939	33.41	22.22	8.75	2.54	34.34	24.98	8.16	66.85	67	-0.15	27.7	26.32	26.425	88.769	0
"2013-01-25	17:00:00"	5.887	68.96	13.09	11.14	3.263	71.15	13.01	9.35	66.39	66.49	-0.102	27.09	25.71	26.422	96.009	0
"2013-01-25	18:00:00"	6.795	90.9	6.382	9.35	4.949	91.6	7.324	8.16	64.15	63.89	0.263	27.33	26.37	26.425	29.67	0
"2013-01-25	19:00:00"	8.47	86.9	7.647	12.33	6.112	86	9.16	10.54	59.96	59.65	0.307	31.94	30.91	26.434	1.2295	0
"2013-01-25	20:00:00"	7.927	78.65	13.52	10.54	5.369	75.58	13.94	7.561	55.98	55.56	0.423	36.95	36.21	26.447	0	0
"2013-01-25	21:00:00"	9.58	65.82	5.758	11.74	6.49	65.01	8.52	9.35	52.57	52.02	0.551	40.88	40.24	26.453	0	0
"2013-01-25	22:00:00"	9.1	69.53	5.968	11.74	6.379	67.92	8.67	8.75	50.9	50.64	0.265	45.28	44.19	26.46	0	0
"2013-01-25	23:00:00"	8.49	72.27	7.333	11.74	6.142	70.92	9.34	9.35	50.16	50.37	-0.208	49.72	47.96	26.461	0	0
"2013-01-26	00:00:00"	7.43	87.8	20.14	10.54	5.352	87	22.15	8.75	49.31	49.25	0.061	53.5	52.06	26.46	0	0
"2013-01-26	01:00:00"	4.886	105.5	20.6	8.16	3.686	102.4	25.15	6.368	48.54	48.54	-0.002	58.74	57.26	26.457	0	0
"2013-01-26	02:00:00"	7.023	68.45	7.89	10.54	4.809	63.81	11.31	7.561	46.99	46.78	0.212	62.19	61.23	26.447	0	0
"2013-01-26	03:00:00"	7.134	89.1	16.99	11.14	5.155	88.9	20.23	8.75	45.72	45.66	0.059	64.31	63.19	26.441	0	0
"2013-01-26	04:00:00"	7.442	95.1	6.931	9.95	5.321	93.5	8.71	7.561	45.22	44.98	0.241	64.27	63.55	26.423	0	0
"2013-01-26	05:00:00"	6.146	78.51	8.81	8.75	4.097	71.41	10.62	6.368	44.06	43.62	0.441	66.22	65.87	26.418	0	0
"2013-01-26	06:00:00"	6.959	82.3	5.922	8.16	4.619	76.38	7.933	6.368	43.12	42.6	0.52	69.56	69.35	26.416	0	0
"2013-01-26	07:00:00"	6.925	86.1	7.651	11.14	5.018	81.6	9.29	8.16	43.29	43.15	0.133	69.28	68.65	26.414	0	0
"2013-01-26	08:00:00"	9.06	108.6	11.53	12.33	6.77	109.3	13.52	9.35	44.78	44.56	0.216	63.9	63.33	26.418	0.9933	0
"2013-01-26	09:00:00"	8.92	113	6.657	12.93	6.995	114.7	8.66	10.54	45.34	45.26	0.078	62.04	61.24	26.413	62.097	0
"2013-01-26	10:00:00"	11.71	121.5	7.288	16.51	9.49	124.1	9.63	14.12	48.81	49.31	-0.505	54.56	52.75	26.413	221.13	0
"2013-01-26	11:00:00"	10.74	129	10.03	14.72	8.95	131.1	10.8	14.12	53.38	54.51	-1.132	51.4	48.37	26.417	423.93	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-26	12:00:00"	10.98	148.2	12.33	15.91	9.32	148.1	12.59	14.72	58.7	59.8	-1.103	50.89	47.75	26.401	493.43	0	
"2013-01-26	13:00:00"	14.05	168.8	11.59	23.66	11.54	168.6	13.42	19.49	61.43	62.55	-1.123	50.2	47.06	26.386	445.62	0	
"2013-01-26	14:00:00"	11.91	169.9	13.99	19.49	9.98	169.2	15.6	16.51	64.65	65.88	-1.231	48.01	44.7	26.346	532.98	0	
"2013-01-26	15:00:00"	12.69	182.2	13.55	18.3	10.31	183.4	15.96	17.7	67.38	68.64	-1.257	42.33	39.17	26.32	423.1	0	
"2013-01-26	16:00:00"	11.98	187.7	12.78	18.89	9.62	187.7	14.68	15.91	67.71	68.15	-0.439	39.82	37.93	26.315	137.43	0	
"2013-01-26	17:00:00"	9.89	178.1	10.7	15.31	7.952	177.4	13.63	12.93	65.98	66.15	-0.168	42.98	41.18	26.308	80.236	0	
"2013-01-26	18:00:00"	6.875	161.8	10.52	11.74	5.546	159.9	11.38	9.35	65.17	64.96	0.209	45.62	44.41	26.296	24.628	0	
"2013-01-26	19:00:00"	5.586	120.3	24.31	9.95	3.544	113.7	28.85	6.368	63.82	62.67	1.146	48.18	48.38	26.289	0.92887	0	
"2013-01-26	20:00:00"	7.471	117.8	7.341	10.54	4.731	115.9	10.52	7.561	62.33	61.03	1.301	50.52	51.18	26.295	0	0	
"2013-01-26	21:00:00"	7.353	130.6	13.42	11.14	5.331	129.1	14.57	9.35	61.44	60.82	0.619	55.14	54.59	26.3	0	0	
"2013-01-26	22:00:00"	6.002	156.1	13.41	11.14	4.586	154.9	12.64	9.35	60.29	59.8	0.493	64.27	63.6	26.3	0	0	
"2013-01-26	23:00:00"	4.904	169.1	10.44	11.14	3.2	166.5	15.63	8.16	58.38	57.51	0.863	69.79	69.81	26.306	0	0	
"2013-01-27	00:00:00"	10.68	177.2	9.07	17.7	8.34	177.6	11.73	14.72	56.77	56.68	0.095	81.4	80.1	26.311	0	0	
"2013-01-27	01:00:00"	9.77	189	13.15	15.31	7.683	190.2	15.29	12.93	56.77	56.92	-0.15	86.9	85.5	26.309	0	0	
"2013-01-27	02:00:00"	6.248	220.1	16.12	12.33	4.902	222.3	17.92	8.75	56.12	56.13	-0.01	88.2	87	26.307	0	0	
"2013-01-27	03:00:00"	5.247	216.8	14.94	9.35	3.483	216.3	18.91	7.561	55.38	55.34	0.033	89.8	88.7	26.306	0	0	
"2013-01-27	04:00:00"	5.13	234.7	17.94	8.75	3.262	242.2	21.44	7.561	55.23	55.17	0.059	90.4	89.2	26.308	0.24818	0	
"2013-01-27	05:00:00"	5.556	198.8	11.03	7.561	3.092	199.2	13.89	6.368	54.72	54.4	0.329	90.4	89.4	26.299	0.56808	0	
"2013-01-27	06:00:00"	5.746	196.2	13.52	8.75	3.064	201.5	15.3	6.964	53.76	53.41	0.346	90.5	89.7	26.291	0.72875	0	
"2013-01-27	07:00:00"	6.878	189.5	10.24	9.95	4.704	197.4	14.11	8.75	52.41	51.99	0.419	90.4	89.7	26.293	0.95451	0	
"2013-01-27	08:00:00"	6.624	193	10.05	9.95	4.502	198.9	12.92	8.16	51.86	51.61	0.249	90.1	89.4	26.304	1.9609	0	
"2013-01-27	09:00:00"	6.136	203.1	16.74	9.35	4.76	205	18.23	8.75	51.93	51.84	0.091	88.9	88.5	26.314	79.158	0	
"2013-01-27	10:00:00"	6.798	210.2	12.71	9.95	5.626	211.5	15.97	9.35	53.61	54	-0.387	88	87.1	26.32	265.41	0	
"2013-01-27	11:00:00"	11.47	251.2	15.04	24.26	9.41	256.2	16.91	20.09	60.46	61.07	-0.611	66.28	64.65	26.327	449.95	0	
"2013-01-27	12:00:00"	15.63	264.6	10.6	22.47	12.66	270.4	11.34	19.49	64.08	65.35	-1.273	46.56	43.44	26.325	524.95	0	
"2013-01-27	13:00:00"	15.46	256.8	12.66	24.26	12.68	262.9	15	22.47	66.54	68.11	-1.577	39.41	36.47	26.303	651.45	0	
"2013-01-27	14:00:00"	17.32	251.5	11.8	28.43	14.07	257.1	14.72	26.65	67.98	69.67	-1.686	35.91	32.93	26.272	654.64	0	
"2013-01-27	15:00:00"	19.74	250.3	12.05	31.42	16.14	255.6	15.23	27.84	69.36	70.56	-1.195	32.04	29.51	26.246	516.14	0	
"2013-01-27	16:00:00"	21.81	250.1	14.48	36.19	17.84	255.1	16.71	30.82	70.17	71.23	-1.065	29.9	27.51	26.239	434.46	0	
"2013-01-27	17:00:00"	19.47	253.5	11.99	29.63	15.85	258.9	14.09	27.24	69.3	70.11	-0.811	31.98	29.79	26.24	279.44	0	
"2013-01-27	18:00:00"	17.42	260	11.99	26.05	13.7	267	13.31	24.26	68.68	69.19	-0.504	31.08	29.19	26.242	134.14	0	
"2013-01-27	19:00:00"	11.02	259.6	11.13	20.09	8.58	267.3	11.49	18.3	66.12	65.77	0.347	32.7	31.56	26.259	6.3435	0	
"2013-01-27	20:00:00"	11.14	278.1	7.944	17.1	7.264	283.8	10.86	14.12	62.68	61.66	1.022	37.56	37.32	26.276	0	0	
"2013-01-27	21:00:00"	9.12	301.5	9.73	13.52	4.822	312.5	8.99	8.75	59.19	56.33	2.858	41.99	44.51	26.278	0	0	
"2013-01-27	22:00:00"	7.455	317.5	7.802	13.52	4.539	323.3	10.25	9.95	56.46	54.51	1.949	46.57	48	26.274	0	0	
"2013-01-27	23:00:00"	3.146	99.8	83.7	11.74	2.815	115.8	42.57	10.54	55.59	52.64	2.946	48.32	51.34	26.287	0	0	
"2013-01-28	00:00:00"	5.917	160.4	7.603	9.95	3.207	165.1	13.25	8.75	54.59	52.89	1.704	50.06	51.88	26.297	0	0	
"2013-01-28	01:00:00"	5.954	167.2	8.31	8.75	4.276	167.3	10.18	6.964	54.98	53.65	1.334	49.09	49.97	26.293	0	0	
"2013-01-28	02:00:00"	6.128	168.5	10.87	11.14	4.254	171.9	15.65	8.16	54.27	52.77	1.496	49.74	51.1	26.289	0	0	
"2013-01-28	03:00:00"	5.663	174.3	10.53	8.16	3.805	177.5	16.52	6.964	53.65	52.29	1.358	50.6	51.65	26.287	0	0	
"2013-01-28	04:00:00"	5.631	169.9	9.52	8.75	3.019	178.7	12.88	6.368	53.48	51.93	1.554	68.59	66.15	26.277	0	0	
"2013-01-28	05:00:00"	3.135	147.9	14.38	6.964	1	102.7	63.64	1	54.04	51.85	2.195	78.22	78.89	26.263	0	0	
"2013-01-28	06:00:00"	2.445	168.3	19.71	4.578	1	32.02	74.43	1	54.35	50.68	3.674	81	85.6	26.249	0.00019	0	
"2013-01-28	07:00:00"	5.975	161.7	14.42	8.16	2.701	155.7	28.78	5.175	52.52	49.24	3.279	84.2	86.3	26.247	0.00038	0	
"2013-01-28	08:00:00"	5.896	182.3	10.66	9.95	3.686	184.9	14.57	7.561	50.18	49.21	0.968	87	86.8	26.254	2.7706	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-28	09:00:00"	7.189	180.4	9.12	11.74	5.218	181.3	12.36	9.95	47.86	47.6	0.254	89.3	88.4	26.259	67.997	0	
"2013-01-28	10:00:00"	8.75	184.9	8.7	13.52	7.124	185	11.68	11.14	50.87	51.26	-0.39	90.4	89.4	26.266	263.47	0	
"2013-01-28	11:00:00"	11.68	202.3	11.85	20.09	9.67	202.5	13.45	15.91	58.09	58.9	-0.809	69.67	67.62	26.269	470.34	0	
"2013-01-28	12:00:00"	15.91	196.9	11.24	23.07	12.81	198.1	13.47	19.49	63.03	64.48	-1.452	46.04	42.92	26.26	615.03	0	
"2013-01-28	13:00:00"	18.07	211	14.86	30.22	14.89	210.7	16.58	24.86	66.42	67.94	-1.513	36	33.29	26.227	682.81	0	
"2013-01-28	14:00:00"	20.13	221.5	16.76	32.61	16.49	222.5	19.35	28.43	69.29	70.63	-1.343	26.65	24.24	26.188	684.56	0	
"2013-01-28	15:00:00"	20.25	227.9	15.62	35	16.68	229.2	18.15	30.82	70.74	71.99	-1.245	21.6	19.31	26.165	538.94	0	
"2013-01-28	16:00:00"	19.76	228.3	14.74	30.82	16.32	230.3	17.27	29.03	70.08	70.87	-0.792	21.39	19.33	26.159	277.02	0	
"2013-01-28	17:00:00"	17.03	219.4	13.88	30.82	13.88	218.6	16.65	24.26	69.51	69.82	-0.311	20.01	18.25	26.157	142.56	0	
"2013-01-28	18:00:00"	14.62	237.3	17.28	27.24	11.68	240.2	21.28	21.87	68.17	68.11	0.064	20.79	19.25	26.153	39.987	0	
"2013-01-28	19:00:00"	6.8	242.3	17.54	14.72	4.711	244.2	23.17	13.52	65.05	64.78	0.272	25.46	24.21	26.153	2.6431	0	
"2013-01-28	20:00:00"	4.17	211.8	19.56	7.561	1.3	190.8	21.86	7.561	62.58	61.09	1.486	28.56	29.13	26.159	0	0	
"2013-01-28	21:00:00"	3.897	174.9	12.6	6.368	1.283	154.4	13.55	5.175	60.04	58.21	1.833	29.14	30.23	26.15	0	0	
"2013-01-28	22:00:00"	2.849	215.3	29.25	5.175	1	240.2	91.5	1	59.79	57.13	2.657	28.38	30.17	26.14	0	0	
"2013-01-28	23:00:00"	6.172	272.3	44.21	16.51	2.171	285.9	56.48	12.93	58.41	54.44	3.971	30.25	34.29	26.113	0	0	
"2013-01-29	00:00:00"	8.81	196	27.73	15.91	6.519	197	29.76	11.74	57.44	56.49	0.944	35.68	35.27	26.125	0	0	
"2013-01-29	01:00:00"	9.74	273.9	18.52	18.3	6.169	281.1	20.89	15.91	56.33	55.34	0.986	38.21	39.01	26.12	0	0	
"2013-01-29	02:00:00"	8.71	293	7.172	11.74	3.475	299.2	7.513	6.368	53.01	50.61	2.399	37.23	39.32	26.109	0	0	
"2013-01-29	03:00:00"	11.56	299.2	6.465	17.1	5.933	303.5	8.99	9.95	52.14	51.09	1.053	39.23	39.39	26.094	0	0	
"2013-01-29	04:00:00"	9.67	298.3	7.718	16.51	5.051	303.1	9.55	10.54	49.7	48.89	0.808	44.92	44.8	26.083	0	0	
"2013-01-29	05:00:00"	11.89	303.5	6.493	17.1	6.492	307.9	8.61	10.54	49.03	48.29	0.74	48.34	48.28	26.075	0	0	
"2013-01-29	06:00:00"	14.32	292.8	7.619	21.28	8.2	296.8	9.34	15.31	49.63	49.06	0.574	48.78	48.53	26.064	0	0	
"2013-01-29	07:00:00"	13.89	288.2	7.593	21.87	8.58	292.5	9.72	17.1	49.11	48.8	0.317	49.58	49	26.069	0	0	
"2013-01-29	08:00:00"	13.56	285	8.69	19.49	8.86	289.8	10.51	17.1	48.48	48.57	-0.091	49.84	48.71	26.085	0.82678	0	
"2013-01-29	09:00:00"	24.56	283.1	9.79	43.35	16.5	287.9	11.37	32.61	47.12	48.41	-1.29	42.39	40.22	26.095	47.23	0	
"2013-01-29	10:00:00"	25.83	270.6	12.56	40.36	19.62	275.7	13.01	33.8	46.07	47.55	-1.485	39.35	36.69	26.11	126.13	0	
"2013-01-29	11:00:00"	23.28	251.1	10.82	36.78	19.07	257	13.75	34.4	45.73	47.02	-1.288	38.9	36.37	26.102	158.71	0	
"2013-01-29	12:00:00"	24.52	251.2	13.35	43.94	20.16	257.4	15.11	37.98	45.73	46.7	-0.964	38.44	36.07	26.089	173.27	0	
"2013-01-29	13:00:00"	27.99	256.7	10.18	42.75	22.74	264.4	12.27	35.59	47.53	48.73	-1.199	31.63	29.27	26.066	362.02	0	
"2013-01-29	14:00:00"	32.47	259.9	10.47	46.33	26.07	267.4	11.75	43.35	49.42	50.79	-1.364	27.16	24.66	26.043	618.45	0	
"2013-01-29	15:00:00"	33.23	256.9	11.47	49.91	27.04	263.3	13.72	41.56	49.49	51.15	-1.658	27.25	24.47	26.031	567.77	0	
"2013-01-29	16:00:00"	32.77	258.6	10.07	47.52	26.6	265.8	11.9	41.56	47.94	49.2	-1.264	27.89	25.4	26.028	370.64	0	
"2013-01-29	17:00:00"	32.25	257.5	10.49	47.52	25.81	265.2	12.36	40.96	47.02	48.29	-1.274	25.66	23.27	26.039	300.13	0	
"2013-01-29	18:00:00"	28.62	260.2	11.6	46.92	22.63	266.7	12.79	40.36	46.02	46.93	-0.915	23.27	21.16	26.053	98.493	0	
"2013-01-29	19:00:00"	24.28	274.5	8.6	35.59	18.25	278.4	10.61	30.22	44.15	44.96	-0.809	26.16	24.2	26.072	6.7225	0	
"2013-01-29	20:00:00"	20.11	271.7	7.882	30.82	15.18	275.4	10.01	26.05	42.54	42.81	-0.268	29.85	28.32	26.094	0	0	
"2013-01-29	21:00:00"	16.18	267.5	8.26	23.07	12.93	271.6	8.68	19.49	41.03	41.16	-0.135	29.98	28.54	26.124	0	0	
"2013-01-29	22:00:00"	14.18	275.4	7.778	23.66	10.41	279.8	10.29	19.49	38.94	38.95	-0.014	27.32	26.33	26.154	0	0	
"2013-01-29	23:00:00"	10.18	283.1	11.15	23.07	6.45	287.6	12.16	17.1	35.87	35.33	0.547	27.23	26.7	26.177	0	0	
"2013-01-30	00:00:00"	25.77	311.5	9.45	40.36	17	314.4	10.91	31.42	35.79	37.28	-1.489	41.97	37.86	26.204	0	0	
"2013-01-30	01:00:00"	19.11	338	11.56	31.42	14.98	337.6	11.74	26.65	32.37	33.58	-1.204	60.56	56.99	26.243	0	0	
"2013-01-30	02:00:00"	12.79	341.9	16.55	23.66	9.87	340.9	14.68	20.09	30.12	30.6	-0.485	67.97	65.81	26.263	0	0	
"2013-01-30	03:00:00"	9.84	314.2	6.494	12.33	6.098	317	8.28	8.75	28.14	27.91	0.236	71.09	69.58	26.281	0	0	
"2013-01-30	04:00:00"	10.09	325.5	5.805	12.93	6.912	326.8	7.44	9.95	27.53	26.67	0.858	70.21	71.01	26.298	0.0047	0	
"2013-01-30	05:00:00"	11.08	313.2	6.714	15.31	6.992	316.3	8.43	11.74	26.22	25.63	0.587	65.9	66.81	26.322	0.02927	0	

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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-01-30	06:00:00"	11.79	315.5	6.797	16.51	7.828	318.2	8.56	12.93	25.82	25.31	0.516	63.56	64.25	26.346	0.03571	0	
"2013-01-30	07:00:00"	11.76	317.6	6.602	15.31	7.905	319.8	8.71	12.33	25.13	24.89	0.239	66.05	65.53	26.365	0.05376	0	
"2013-01-30	08:00:00"	9.98	318.6	7.25	12.33	6.351	320.6	8.9	9.35	23.43	22.74	0.688	70.35	70.19	26.386	2.9816	0	
"2013-01-30	09:00:00"	9.56	320.9	7.131	14.72	6.848	322.3	8.31	11.74	27.11	26.81	0.303	62.19	63.29	26.408	111.94	0	
"2013-01-30	10:00:00"	11.71	340.2	9.43	16.51	9.63	340	10.6	14.72	34.25	35.66	-1.403	42.37	40.48	26.436	305.05	0	
"2013-01-30	11:00:00"	10.22	304.9	20.86	16.51	7.485	307.1	20.96	14.12	37.93	40.42	-2.49	33.4	30.38	26.459	480.75	0	
"2013-01-30	12:00:00"	16.29	284.7	14.62	29.03	11.32	288.3	15.93	23.66	40.16	43.25	-3.081	29.49	26	26.464	612.93	0	
"2013-01-30	13:00:00"	18.23	288.5	12.89	28.43	12.13	292.7	14.8	22.47	41.84	45.62	-3.784	26.4	22.57	26.443	689.29	0	
"2013-01-30	14:00:00"	19.52	283.7	12.25	30.22	13.48	287.9	14.56	26.05	43.27	46.58	-3.316	21.08	17.87	26.419	698.37	0	
"2013-01-30	15:00:00"	20.36	281.2	12.08	30.82	14.36	285.3	13.3	26.65	44.98	47.69	-2.709	16.07	13.43	26.398	626.35	0	
"2013-01-30	16:00:00"	19.14	287	12.72	31.42	12.8	290.6	13.99	29.63	46.93	49.82	-2.885	13.1	10.64	26.389	513.58	0	
"2013-01-30	17:00:00"	17.73	289.2	11.95	27.84	11.35	293.6	12.81	25.45	47.74	49.63	-1.897	12.21	10.07	26.396	346.27	0	
"2013-01-30	18:00:00"	15.08	284.1	9.62	23.07	10.1	287.9	11.36	21.28	47.73	48.81	-1.08	12.59	10.72	26.4	154.22	0	
"2013-01-30	19:00:00"	8.65	261.6	10.18	15.31	6.509	267.1	10.08	12.93	45.92	45.74	0.183	16.58	15.22	26.404	8.7384	0	
"2013-01-30	20:00:00"	5.322	254.3	19.06	8.16	2.673	257.3	28.38	6.368	43.98	42.3	1.686	18.76	18.71	26.414	0	0	
"2013-01-30	21:00:00"	5.98	249.7	20.07	10.54	3.901	249.8	29.9	8.16	42.41	41	1.414	19.43	19.34	26.42	0	0	
"2013-01-30	22:00:00"	5.954	252.5	26.15	12.33	3.974	251.1	35.33	8.16	40.09	38.72	1.366	21.67	21.59	26.421	0	0	
"2013-01-30	23:00:00"	5.108	259.1	13.8	8.16	1.641	258.5	24.82	5.175	38.97	36.99	1.978	23.38	24.09	26.417	0	0	
"2013-01-31	00:00:00"	4.776	231.5	19.33	7.561	2.103	222.1	26.43	5.771	36.99	35.63	1.363	25.46	25.97	26.417	0	0	
"2013-01-31	01:00:00"	4.855	227.7	18.17	8.16	2.509	229.2	22.46	6.368	35.23	34.08	1.145	27.6	27.96	26.418	0	0	
"2013-01-31	02:00:00"	7.414	198.4	11.09	10.54	5.152	201.3	11.99	7.561	32.52	31.78	0.74	31.18	30.95	26.424	0	0	
"2013-01-31	03:00:00"	7.767	215.7	14.08	12.33	6.028	211.7	16.76	9.95	32.87	32.41	0.457	31.34	30.61	26.432	0	0	
"2013-01-31	04:00:00"	5.288	225.8	15.44	9.95	3.335	227.5	19.86	7.561	32.29	31.64	0.65	32.2	31.78	26.428	0	0	
"2013-01-31	05:00:00"	6.071	274.3	24.03	11.74	2.823	277.5	27.85	7.561	34.13	32.05	2.084	30.02	31.5	26.419	0	0	
"2013-01-31	06:00:00"	8.92	291.1	6.525	11.74	3.972	294.3	12.22	5.771	32.73	29.89	2.84	32.16	35.07	26.417	0.0001	0	
"2013-01-31	07:00:00"	10.57	301.8	6.598	15.31	5.074	309.1	13.09	9.95	32.79	29.72	3.069	32.53	35.69	26.42	0	0	
"2013-01-31	08:00:00"	11.1	300.5	6.111	14.12	5.594	307.7	8.8	8.75	32.06	30.74	1.325	33.59	34.32	26.432	3.3062	0	
"2013-01-31	09:00:00"	12.63	297	7.548	17.7	7.04	301.6	9.79	11.74	35.16	34.74	0.419	30.97	30.47	26.455	114.53	0	
"2013-01-31	10:00:00"	12.29	284.3	7.765	17.7	8.55	287.6	9.85	15.31	43.7	44.21	-0.506	25.29	23.78	26.493	296.53	0	
"2013-01-31	11:00:00"	18.15	291.5	9.48	29.03	11.38	294.8	11.21	23.07	51.24	52.68	-1.445	22.69	20.44	26.506	476.24	0	
"2013-01-31	12:00:00"	18.68	299.4	10.16	28.43	11.39	302.5	11.89	23.07	52.7	55.16	-2.455	23.05	20.21	26.504	608.34	0	
"2013-01-31	13:00:00"	19.26	314.5	13.46	31.42	13.57	317.1	14.11	25.45	55.7	58.09	-2.395	22.38	19.48	26.478	680.09	0	
"2013-01-31	14:00:00"	16.43	314.7	14.71	26.65	11.78	316.4	15.66	23.66	58.12	60.56	-2.435	19.21	16.49	26.449	703.76	0	
"2013-01-31	15:00:00"	13.61	327.2	15.3	21.87	10.63	328.4	15.89	18.3	59.05	61.37	-2.319	16.74	14.19	26.446	563.23	0	
"2013-01-31	16:00:00"	12.1	320	16.93	20.09	8.8	321.8	16.81	17.7	59.71	62.22	-2.517	15.78	13.21	26.453	441.82	0	
"2013-01-31	17:00:00"	10.57	309.3	17.31	18.3	7.094	311.5	17.84	15.31	59.88	61.96	-2.081	15.59	13.25	26.447	308.93	0	
"2013-01-31	18:00:00"	8.66	325.2	14.63	15.91	5.723	327.7	15.09	13.52	59.51	60.84	-1.33	15.41	13.5	26.455	139.59	0	
"2013-01-31	19:00:00"	4.185	356	18.62	6.368	1.011	33.34	23.26	4.578	58.16	54.98	3.175	17.31	17.68	26.474	5.0709	0	
"2013-01-31	20:00:00"	4.942	37.31	8.18	7.561	1	25.93	10.68	1	55.24	49.48	5.755	19.43	22.43	26.481	0	0	
"2013-01-31	21:00:00"	6.232	66.22	12.61	7.561	1.034	51.21	16.2	4.578	53.29	47.81	5.481	20.43	23.96	26.497	0	0	
"2013-01-31	22:00:00"	7.142	100	6.483	8.75	1.315	84.3	9.06	5.771	53.71	48.74	4.967	19.79	22.3	26.511	0	0	
"2013-01-31	23:00:00"	6.139	131	13.57	8.75	1.216	108.5	29.81	5.175	49.49	46.15	3.344	22.91	25.16	26.518	0	0	
"2013-02-01	00:00:00"	4.096	134.6	27.16	7.561	1.002	107.9	36.6	2.789	46.76	44.89	1.871	25.52	26.12	26.519	0	0	
"2013-02-01	01:00:00"	2.932	80.3	19.91	5.771	1	46.79	28.49	1	45.62	40.41	5.202	26.91	31.36	26.519	0	0	
"2013-02-01	02:00:00"	4.817	128.9	14.5	7.561	1	99.6	12.25	1.596	45.03	39.8	5.232	27.51	31.87	26.514	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-02-01	03:00:00"	5.431	172.8	14.2	9.95	1.129	163.6	21.9	5.771	43.45	40.03	3.422	28.84	31.95	26.51	0	0
"2013-02-01	04:00:00"	4.241	199.4	23.85	8.75	1	195	31.76	1.596	43.63	41.23	2.399	28.6	30.02	26.516	0	0
"2013-02-01	05:00:00"	9.96	64.86	8.83	13.52	6.569	61.96	9.99	10.54	33.04	34.01	-0.97	49.85	46.07	26.511	0	0
"2013-02-01	06:00:00"	10.04	64.79	7.401	11.74	6.572	59.32	8.87	9.35	30.06	30.76	-0.698	59.96	56.89	26.501	0.0001	0
"2013-02-01	07:00:00"	11.1	71.4	12.09	13.52	7.309	67	11.33	9.95	29.64	29.58	0.059	63.66	61.99	26.502	0.00144	0
"2013-02-01	08:00:00"	10.52	59.59	6.813	12.33	7.013	58.99	8.35	9.35	28.73	29.32	-0.592	67.61	64.71	26.507	3.4221	0
"2013-02-01	09:00:00"	10.14	59.06	8	13.52	7.823	60.3	9.4	12.33	29.71	31.38	-1.674	69.35	66.24	26.52	117.51	0
"2013-02-01	10:00:00"	9.35	79.92	11.51	13.52	7.917	80.4	12.77	11.74	35.54	37.52	-1.98	60.23	56.99	26.53	310.2	0
"2013-02-01	11:00:00"	8.57	143.6	25.85	13.52	7.228	143.7	26.15	11.14	43.38	44.68	-1.302	41.73	39.16	26.534	487.67	0
"2013-02-01	12:00:00"	14.15	182.6	10.7	22.47	11.34	183.2	14.07	19.49	50.83	52.86	-2.036	29.33	26.73	26.525	622.56	0
"2013-02-01	13:00:00"	18.22	188.7	12.37	26.05	14.71	189.2	14.8	21.87	56.99	58.71	-1.714	20.79	18.36	26.491	699.17	0
"2013-02-01	14:00:00"	16.39	197.2	13.61	29.63	13.24	197.9	15.61	26.05	59.92	61.85	-1.924	17.87	15.41	26.452	707.38	0
"2013-02-01	15:00:00"	14.5	212	18.18	24.86	12	212.1	20.91	20.68	61.4	63.17	-1.769	17.12	14.73	26.419	634.05	0
"2013-02-01	16:00:00"	13.45	212.2	15.32	23.07	11.05	212.2	18.66	18.89	62.84	64.55	-1.714	16.45	14.11	26.401	524.98	0
"2013-02-01	17:00:00"	12.62	228.2	16.57	20.68	10.68	229.9	19.23	17.7	63.74	64.82	-1.077	15.51	13.41	26.396	356	0
"2013-02-01	18:00:00"	10.34	220.1	14.13	15.31	8.4	219.6	16.78	14.72	63.39	63.73	-0.342	16.31	14.52	26.393	161.08	0
"2013-02-01	19:00:00"	7.266	219	13.96	11.14	5.928	214.7	14.79	9.95	60.34	60.04	0.298	18.15	16.69	26.398	10.411	0
"2013-02-01	20:00:00"	6.985	203.6	11.42	11.14	4.66	204.2	11.02	9.35	54.06	53.42	0.644	22.43	21.27	26.409	0	0
"2013-02-01	21:00:00"	7.066	212.5	11.77	10.54	4.951	211.8	14.22	8.75	52.2	51.21	0.99	24.32	23.57	26.42	0	0
"2013-02-01	22:00:00"	7.83	220.7	12.1	12.33	5.732	223.7	14.19	9.95	50.36	49.86	0.503	25.53	24.56	26.428	0	0
"2013-02-01	23:00:00"	6.222	225.4	17.33	11.74	4.22	228	22.27	6.964	48.88	47.94	0.943	26.95	26.46	26.435	0	0
"2013-02-02	00:00:00"	6.051	228.2	13.52	9.95	3.804	233.1	17.03	6.964	48.17	46.64	1.532	27.92	27.9	26.433	0	0
"2013-02-02	01:00:00"	8.09	243.9	9.65	11.14	5.371	250	13.56	9.35	47.35	45.29	2.057	28.93	29.79	26.437	0	0
"2013-02-02	02:00:00"	7.588	237.7	9.62	11.74	5.102	245	12.74	9.95	46.17	44.91	1.26	30.42	30.45	26.44	0	0
"2013-02-02	03:00:00"	7.194	271.6	26.25	10.54	3.457	283	30.53	5.771	46.83	42.96	3.874	28.24	31.66	26.449	0	0
"2013-02-02	04:00:00"	9.74	302.2	8.46	20.09	4.186	304.9	12.74	11.74	41.79	38.32	3.471	30.74	34.18	26.454	0	0
"2013-02-02	05:00:00"	13.22	309.1	15.23	22.47	7.834	312.4	15.56	18.3	41.3	40.13	1.163	31.74	32.55	26.463	0	0
"2013-02-02	06:00:00"	18.25	337.2	8.43	25.45	14.22	337.2	9.1	22.47	44.83	45.79	-0.959	28.66	27.27	26.48	0	0
"2013-02-02	07:00:00"	15.68	354.5	13.16	21.87	12.09	351.8	12.42	17.7	42.69	44.12	-1.424	33.51	31.62	26.503	0	0
"2013-02-02	08:00:00"	15.89	2.777	12.91	21.28	12.32	359.1	14.5	18.89	42.85	45.14	-2.294	34.3	31.39	26.531	3.5287	0
"2013-02-02	09:00:00"	17.21	6.655	9.52	23.66	13.69	3.205	13.68	21.87	43.12	46.83	-3.708	35.23	30.87	26.558	88.029	0
"2013-02-02	10:00:00"	18.83	11.17	8.34	26.65	15.19	8.86	13.54	23.07	46.12	50.92	-4.805	33.22	27.65	26.578	252.76	0
"2013-02-02	11:00:00"	18.15	22.82	7.952	23.66	15.09	23.81	12.64	21.28	50.43	54.86	-4.434	29.85	25.43	26.607	502.01	0
"2013-02-02	12:00:00"	15.04	36.09	10.88	23.07	12.73	38.34	12.96	21.28	54.11	59	-4.884	26.72	22.17	26.631	632.53	0
"2013-02-02	13:00:00"	12.2	50.21	15.94	19.49	10.28	52.4	17.43	18.89	56.29	59.64	-3.352	24.12	20.56	26.635	696.82	0
"2013-02-02	14:00:00"	10.98	59.11	19.06	18.3	9.15	60.52	20.52	15.31	58.05	60.66	-2.611	21.93	18.85	26.612	708.23	0
"2013-02-02	15:00:00"	10.97	80.6	18.3	17.1	9.13	82.2	19.57	15.31	59.13	61.24	-2.11	19.92	17.18	26.592	615.71	0
"2013-02-02	16:00:00"	9.32	86.7	17.35	15.31	7.745	87.3	19.03	13.52	59.72	61.22	-1.501	19.48	17.09	26.587	419.54	0
"2013-02-02	17:00:00"	7.704	90	19.45	14.12	6.094	91.8	21.45	11.74	59.9	61.29	-1.391	18.88	16.61	26.583	339.7	0
"2013-02-02	18:00:00"	8.2	100.5	13.47	12.93	4.552	102.2	14.69	10.54	59.31	60.17	-0.858	19.93	17.9	26.585	134.6	0
"2013-02-02	19:00:00"	7.595	113	7.405	10.54	1.073	111.1	7.864	6.368	56.5	54.79	1.717	22.76	22.22	26.598	12.888	0
"2013-02-02	20:00:00"	9.17	113.2	4.959	10.54	1	104.9	9.68	1	51.74	48.66	3.086	25.95	26.97	26.612	0	0
"2013-02-02	21:00:00"	9.53	114.2	4.505	11.14	1.52	105.1	9.56	6.368	49.19	45.33	3.866	28.35	30.36	26.615	0	0
"2013-02-02	22:00:00"	9.35	115.9	4.617	11.14	5.177	109.8	7.471	6.964	48.06	45.56	2.497	30.16	31.21	26.619	0	0
"2013-02-02	23:00:00"	9.85	129.9	7.627	13.52	6.221	128.9	8.57	10.54	46.84	44.87	1.974	31.6	32.66	26.617	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-03	00:00:00"	9.58	138.6	6.792	12.93	6.798	138.5	7.698	9.95	45.73	45.09	0.639	33.78	33.42	26.618	0	0
"2013-02-03	01:00:00"	9.5	135.9	6.505	12.93	6.56	134	7.373	9.35	45.09	44.06	1.035	35.62	35.7	26.617	0	0
"2013-02-03	02:00:00"	9.44	126.9	5.709	12.33	6.058	126	6.997	8.75	43.55	42.56	0.994	37.8	37.86	26.606	0	0
"2013-02-03	03:00:00"	9.75	130.1	6.338	12.33	6.255	128.8	6.915	8.75	42.71	41.46	1.244	39.17	39.74	26.591	0	0
"2013-02-03	04:00:00"	8.64	135.2	6.075	11.14	5.441	130.5	7.796	8.16	42.86	41.05	1.813	39.57	41.12	26.574	0	0
"2013-02-03	05:00:00"	8.02	142.5	9.07	11.14	5.539	140.9	10.42	7.561	42.21	41.21	1.002	41.29	41.74	26.562	0	0
"2013-02-03	06:00:00"	5.158	176.6	11.52	8.75	3.307	183.2	14.85	6.368	40.21	39.52	0.682	44.86	44.57	26.559	0	0
"2013-02-03	07:00:00"	4.216	206.9	17.53	6.368	2.5	216.1	15.3	4.578	39.81	38.92	0.894	45.6	45.45	26.562	0	0
"2013-02-03	08:00:00"	4.748	169.1	12.37	7.561	2.39	168.4	18.26	4.578	39.99	38.52	1.461	45.96	46.85	26.552	4.6825	0
"2013-02-03	09:00:00"	6.927	150.3	8.9	12.33	5.047	150.1	9.04	11.14	40.99	40.69	0.304	45.68	45.73	26.554	105.26	0
"2013-02-03	10:00:00"	12.35	154.5	9.55	18.89	10.29	153.7	9.68	16.51	47.21	48.29	-1.082	41.48	39.31	26.549	309.7	0
"2013-02-03	11:00:00"	16.42	159.5	10.64	24.86	13.75	159	11.65	21.87	51.83	54.11	-2.281	42.81	38.71	26.535	451.54	0
"2013-02-03	12:00:00"	16.9	168.1	10.34	23.66	13.88	167.9	12.36	20.68	53.87	57.04	-3.17	48.69	42.65	26.51	578.13	0
"2013-02-03	13:00:00"	15.5	171.4	9.91	22.47	12.64	170.7	12.32	18.89	54.85	57.77	-2.913	50.49	44.81	26.475	406.19	0
"2013-02-03	14:00:00"	16.25	172.3	9.36	24.86	13.23	171.4	12.13	21.87	56.64	59.59	-2.952	46.09	40.78	26.423	420.42	0
"2013-02-03	15:00:00"	15.07	175.5	10.33	22.47	12.2	175.2	12.91	18.89	57.48	59.82	-2.346	43.64	39.23	26.385	350.1	0
"2013-02-03	16:00:00"	13.87	171	12.62	20.09	11.35	170.6	14.9	16.51	57.58	59.15	-1.574	39.4	36.38	26.354	214.3	0
"2013-02-03	17:00:00"	14.45	175	9.26	20.68	11.52	174.4	12.05	17.1	57.1	58.18	-1.082	39.59	37.15	26.33	100.15	0
"2013-02-03	18:00:00"	12.87	175.9	9.29	23.66	10.27	175.5	12.95	20.09	57.19	57.98	-0.794	43.48	40.91	26.316	71.403	0
"2013-02-03	19:00:00"	4.748	170.8	13.34	14.12	3.248	169.7	20.06	12.33	56.56	56.09	0.469	43.3	42.42	26.305	4.9571	0
"2013-02-03	20:00:00"	10	166.6	7.595	15.31	7.954	166.5	9.49	12.33	55.31	55.09	0.221	44.78	43.77	26.286	0	0
"2013-02-03	21:00:00"	11.33	175.7	8.42	17.1	8.98	175.5	9.98	14.72	53.61	53.67	-0.057	52.28	50.55	26.288	0	0
"2013-02-03	22:00:00"	8.69	186.9	8.91	14.12	6.863	188.4	11.39	12.33	52.35	52.43	-0.078	60.59	59	26.284	0	0
"2013-02-03	23:00:00"	7.745	193.1	13.62	11.74	6.214	192.8	13.27	9.35	51.27	51.45	-0.172	65.62	63.96	26.272	0	0
"2013-02-04	00:00:00"	8.16	225	17.22	12.93	6.742	225.7	20.81	11.14	50.54	51	-0.463	68.47	66.38	26.274	0	0
"2013-02-04	01:00:00"	8.41	249.8	8.76	13.52	6.619	255.5	12.06	11.74	50.51	50.83	-0.319	69.24	67.64	26.267	0	0
"2013-02-04	02:00:00"	3.928	248.9	43.16	10.54	2.835	217.8	61.57	9.35	50.45	50.39	0.065	65.04	64.75	26.236	0	0
"2013-02-04	03:00:00"	6.392	228.3	16.98	9.95	5.09	228.6	21.18	8.16	48.87	49	-0.131	66.7	65.46	26.23	0	0
"2013-02-04	04:00:00"	6.712	242.6	6.163	8.75	4.915	246.6	8.84	6.964	47.5	46.85	0.649	67.78	67.96	26.219	0	0
"2013-02-04	05:00:00"	6.94	260.9	19.06	11.14	4.218	262.7	22.41	6.964	47.11	45.25	1.857	63.92	67.39	26.221	0	0
"2013-02-04	06:00:00"	7.142	284.2	6.901	9.95	3.81	286.9	9.07	6.964	46.6	44.6	2.002	56.32	59.61	26.218	0	0
"2013-02-04	07:00:00"	6.803	307.2	9.97	9.35	3.25	315.1	10.48	5.175	43.71	41.21	2.501	59.55	64.02	26.22	0	0
"2013-02-04	08:00:00"	5.562	293.1	9.3	8.16	2.525	291.5	17.61	4.578	43.61	40.76	2.85	51.75	59.28	26.231	4.8736	0
"2013-02-04	09:00:00"	6.492	265.5	29.76	13.52	4.144	257.9	40.72	9.35	43.82	43.37	0.454	49.3	50.99	26.255	108.8	0
"2013-02-04	10:00:00"	19.11	307.5	11.48	34.4	12.7	310.8	12.49	29.03	52.04	53.02	-0.978	38.32	36.93	26.269	297.23	0
"2013-02-04	11:00:00"	20.21	322.2	10.26	30.22	15.19	324.3	11.28	26.65	55.32	59.02	-3.702	32.03	28.37	26.285	491.47	0
"2013-02-04	12:00:00"	12.7	352.3	16.27	21.87	10.61	350.3	17.15	18.89	55.48	58.69	-3.213	28.48	25.04	26.294	625.84	0
"2013-02-04	13:00:00"	10.4	4.356	16.95	19.49	8.77	1.687	20.99	17.1	57.97	61.5	-3.533	25.11	21.61	26.285	701.64	0
"2013-02-04	14:00:00"	11.18	348.7	16.5	19.49	9.35	347.4	18.58	17.7	60.06	63.07	-3.011	22.24	19.07	26.265	718.87	0
"2013-02-04	15:00:00"	11.64	349.6	16.69	21.28	9.72	347.7	17.69	18.3	61.47	64.46	-2.992	20.07	17.04	26.248	612.65	0
"2013-02-04	16:00:00"	12.77	348.1	18.32	19.49	10.63	346.8	18.22	17.7	62.78	65.22	-2.442	18.86	16.11	26.24	527.19	0
"2013-02-04	17:00:00"	12.61	346.5	14.34	19.49	10.33	344.7	15.28	17.1	63.02	65.79	-2.77	18.07	15.33	26.247	360.57	0
"2013-02-04	18:00:00"	10.82	1.205	17.47	16.51	8.68	359	18.39	14.72	62.47	64.51	-2.035	18.25	15.92	26.257	157.84	0
"2013-02-04	19:00:00"	7.751	0.014	9.59	9.95	4.394	355.3	8.84	8.16	59.77	56.32	3.45	19.46	20.27	26.269	9.8491	0
"2013-02-04	20:00:00"	8.84	357.2	16.97	10.54	4.242	359	9.99	5.175	58.79	48.96	9.84	19.1	25.48	26.282	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-04	21:00:00"	8.06	15.28	6.853	9.35	4.224	14.32	7.855	5.175	55.32	45.29	10.03	21.14	28.69	26.291	0
"2013-02-04	22:00:00"	7.51	24.9	3.287	9.95	4.398	14.81	5.133	5.175	55.1	43.97	11.13	21.06	30.02	26.298	0
"2013-02-04	23:00:00"	6.121	53.32	10.62	7.561	3.76	32.51	11.45	5.175	53.55	46.23	7.314	22.63	27.74	26.301	0
"2013-02-05	00:00:00"	7.504	73.25	5.416	9.95	4.596	53.84	10.07	6.964	52.49	47.54	4.948	23.36	26.55	26.301	0
"2013-02-05	01:00:00"	7.253	82.2	5.635	9.35	4.356	60.98	7.323	6.368	50.82	47.03	3.788	24.83	26.93	26.3	0
"2013-02-05	02:00:00"	5.945	103.5	8.22	7.561	1.956	73	17.16	4.578	49.1	45.65	3.451	27.59	28.7	26.298	0
"2013-02-05	03:00:00"	3.89	164.1	24.6	5.771	1.185	181	43.61	3.982	47.23	45.33	1.899	32.25	32.21	26.29	0
"2013-02-05	04:00:00"	4.482	205.3	10.85	6.368	2.871	216	10.54	4.578	47.02	45.69	1.327	33.1	32.85	26.287	0
"2013-02-05	05:00:00"	5.013	231.4	10.75	6.964	3.133	240.1	15.31	5.175	44.98	43.83	1.144	34.88	34.69	26.282	0
"2013-02-05	06:00:00"	5.718	237	8.26	8.16	3.807	247.6	10.8	6.368	43.69	42.26	1.439	36.66	36.6	26.28	0
"2013-02-05	07:00:00"	6.529	234.2	8.58	8.75	4.503	246	10.55	6.368	43.54	42.2	1.346	40.86	40.75	26.281	0
"2013-02-05	08:00:00"	6.115	245.8	14.28	8.16	4.129	260.7	17.54	6.368	43.61	41.71	1.903	43.92	44.65	26.287	4.6666
"2013-02-05	09:00:00"	5.28	279.8	16.05	7.561	3.226	294.9	16.33	5.771	43.29	42.75	0.542	46.16	45.84	26.312	126.52
"2013-02-05	10:00:00"	5.128	268.6	14.6	7.561	4.127	271.1	15.74	6.368	48.39	49.63	-1.233	39.23	36.89	26.334	321.07
"2013-02-05	11:00:00"	5.488	240.1	18.94	9.35	4.61	244.3	19.83	7.561	55.47	56.71	-1.241	28.58	26.5	26.339	501.13
"2013-02-05	12:00:00"	5.841	233.3	24.07	9.95	4.645	236.6	26.49	8.75	60.34	61.8	-1.459	24.69	22.35	26.336	637.65
"2013-02-05	13:00:00"	6.851	274.2	29.57	14.12	5.139	276.1	32.96	12.93	63.76	65.66	-1.899	20.49	17.99	26.322	714.04
"2013-02-05	14:00:00"	5.169	247.8	54.27	11.74	3.556	249.4	60.86	11.14	65.63	67.23	-1.596	20.01	17.64	26.292	723.64
"2013-02-05	15:00:00"	5.245	240.8	49.1	12.93	3.755	241.5	46.31	11.74	67.06	68.68	-1.617	18.89	16.54	26.267	646.47
"2013-02-05	16:00:00"	6.027	224.9	35.98	11.74	4.441	226.9	38.69	9.95	67.86	69.36	-1.501	17.78	15.5	26.254	538.38
"2013-02-05	17:00:00"	4.285	159.5	84.5	9.95	3.392	165.6	87.5	9.35	67.76	68.7	-0.935	16.98	14.94	26.25	367.35
"2013-02-05	18:00:00"	4.244	185.1	55.78	9.35	3.299	182	52.9	8.16	67.81	68.04	-0.231	17.36	15.75	26.249	171.97
"2013-02-05	19:00:00"	3.291	164.1	24.5	5.175	1.864	158.2	35.79	3.386	66.35	65.13	1.229	18.64	17.79	26.255	14.484
"2013-02-05	20:00:00"	5.55	135.8	28.17	9.35	2.802	122.8	38.81	5.771	62.31	58.78	3.529	20.73	21.69	26.27	0
"2013-02-05	21:00:00"	3.771	138.5	22.56	6.368	1.863	77.71	75.56	3.982	59.92	55.73	4.188	24.29	25.01	26.282	0
"2013-02-05	22:00:00"	3.18	212.5	31.96	5.175	1.752	259.3	55.7	3.982	58.07	55.23	2.846	28.24	27.77	26.292	0
"2013-02-05	23:00:00"	3.698	207.7	10.96	5.175	1.669	209	19.36	2.789	57.04	55.07	1.977	32.99	31.23	26.298	0
"2013-02-06	00:00:00"	3.439	217.2	12.33	5.175	1.267	241.2	28.69	2.789	55.31	53.21	2.106	36.92	36.07	26.298	0
"2013-02-06	01:00:00"	4.139	216.5	18.07	6.368	1.84	223.4	28.68	5.175	53.21	50.73	2.479	40.53	40.4	26.293	0
"2013-02-06	02:00:00"	4.731	292.4	20.9	5.771	3.302	314.3	16.17	5.175	53.78	48.18	5.596	38.13	44.97	26.286	0
"2013-02-06	03:00:00"	6.451	314.8	2.991	8.16	3.879	349.8	9.67	5.175	53.68	42.68	11.01	36.84	47.39	26.27	0
"2013-02-06	04:00:00"	6.581	317.8	3.979	8.16	4.36	354.6	13.37	6.368	51.16	40.42	10.73	38.63	49.65	26.258	0
"2013-02-06	05:00:00"	6.133	337.6	14.9	7.561	5.274	8.12	8.01	6.368	51	38.68	12.32	36.24	47.08	26.248	0
"2013-02-06	06:00:00"	7.02	47.55	31.01	10.54	5.556	57.88	23.32	8.16	42.11	36.15	5.956	38.08	45.21	26.249	0
"2013-02-06	07:00:00"	7.635	37.68	9.19	11.74	5.926	34.48	17.25	8.16	38.73	35.73	2.998	39.91	45.44	26.247	0
"2013-02-06	08:00:00"	8.12	27.89	8.99	9.95	6.136	26.66	10.3	7.561	36.88	36	0.881	42.87	44.9	26.253	4.0434
"2013-02-06	09:00:00"	5.638	5.096	9.95	9.95	3.927	1.305	12.74	7.561	41.17	39.95	1.213	40.55	42.5	26.265	125.24
"2013-02-06	10:00:00"	4.755	140.7	41.43	9.35	3.82	148.1	44.47	7.561	50.54	51.45	-0.911	36.66	34.92	26.279	320.59
"2013-02-06	11:00:00"	5.5	202.1	19.73	9.35	4.846	204.8	23.15	8.16	55.19	56.84	-1.649	35.64	32.99	26.28	503.48
"2013-02-06	12:00:00"	7.035	209.5	16.73	14.12	6.038	212.5	20.21	13.52	60.63	62.42	-1.793	28.55	25.97	26.265	641.44
"2013-02-06	13:00:00"	10.52	212.5	17.19	17.7	8.82	212.1	20.27	15.31	64.85	67.75	-2.893	24.25	21	26.243	714.58
"2013-02-06	14:00:00"	13.15	214.6	20.29	25.45	10.73	214.9	23.53	20.09	66.82	69.77	-2.947	23.28	20	26.211	716.39
"2013-02-06	15:00:00"	15.28	236.5	17.88	30.22	12.69	239.7	21.89	23.66	68.72	70.97	-2.251	21.83	18.96	26.179	635.89
"2013-02-06	16:00:00"	15.61	246.8	17.19	29.03	13	252.1	19.46	21.87	70.06	71.89	-1.835	22.36	19.71	26.16	507.66
"2013-02-06	17:00:00"	14.97	249.2	14.88	26.65	12.23	254.7	17.41	23.07	70.2	71.76	-1.563	22.09	19.59	26.151	299.66

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-06	18:00:00"	12.12	252.4	12.8	27.24	9.83	258.5	15.1	22.47	69.11	69.49	-0.373	22.68	20.92	26.156	96.267	0	
"2013-02-06	19:00:00"	11.31	245.8	10.78	21.87	9.51	249.7	12.94	17.1	66.87	66.96	-0.092	23.59	22.01	26.172	11.061	0	
"2013-02-06	20:00:00"	9.51	233.5	12.24	15.91	7.883	236.3	15.28	14.12	63.34	63.49	-0.152	26.95	25.39	26.19	0	0	
"2013-02-06	21:00:00"	7.72	225.5	12.91	13.52	5.914	224.1	14.9	10.54	60.81	60.62	0.188	28.02	26.83	26.198	0	0	
"2013-02-06	22:00:00"	8.29	241	11.26	13.52	6.561	244.4	13.23	10.54	59.87	59.73	0.135	28.16	26.93	26.207	0	0	
"2013-02-06	23:00:00"	9.37	252.7	9.62	14.12	7.235	259.5	11.73	12.33	56.97	57.02	-0.046	30.75	29.49	26.219	0	0	
"2013-02-07	00:00:00"	6.418	245.5	10.42	10.54	4.505	247.9	14.99	8.75	55.3	54.39	0.908	31.35	31.08	26.229	0	0	
"2013-02-07	01:00:00"	7.938	250.8	11.11	12.93	5.682	255.1	13.02	10.54	54.43	53.8	0.637	30.97	30.52	26.233	0	0	
"2013-02-07	02:00:00"	7.958	259	21.97	12.93	5.248	264.8	25.09	10.54	53.41	52.71	0.694	31.89	31.45	26.232	0	0	
"2013-02-07	03:00:00"	11.29	296.8	6.684	15.31	5.399	303.3	8.72	9.35	51.07	49.84	1.237	34.43	34.79	26.226	0	0	
"2013-02-07	04:00:00"	9.66	290.9	6.181	15.31	4.75	294	8.08	8.16	49.18	48.08	1.105	36.3	36.58	26.225	0	0	
"2013-02-07	05:00:00"	8.89	280.5	7.87	11.74	5.253	284.2	9.19	9.35	48.87	47.35	1.519	37.22	38.03	26.239	0	0	
"2013-02-07	06:00:00"	10.1	290.5	15.74	15.31	6.051	294.5	16.26	11.74	48.08	47.25	0.825	38.44	38.54	26.256	0	0	
"2013-02-07	07:00:00"	12.08	313.3	5.602	14.72	7.219	317.3	7.798	9.95	45.78	45.3	0.481	40.99	41	26.284	0	0	
"2013-02-07	08:00:00"	9.58	329.5	19.06	16.51	5.857	334.2	16.43	12.93	43.1	41.31	1.784	44.05	46.11	26.313	5.2567	0	
"2013-02-07	09:00:00"	18.88	7.25	11.16	29.63	15.11	4.439	15.17	24.86	47.83	50.04	-2.209	33.92	32.12	26.342	126.41	0	
"2013-02-07	10:00:00"	24.22	12.91	8.6	33.21	19.56	11.26	15.33	30.22	49.47	53.83	-4.36	33.01	27.82	26.374	319.06	0	
"2013-02-07	11:00:00"	24.21	14.8	8.93	32.01	19.7	13.62	15.69	27.84	52.29	57.07	-4.787	31.89	26.5	26.4	492.08	0	
"2013-02-07	12:00:00"	21.09	17.41	9.84	28.43	17.46	16.69	15.81	25.45	54.85	60.59	-5.731	29.85	23.94	26.419	626.4	0	
"2013-02-07	13:00:00"	20.45	17.73	10.12	27.84	16.91	17.52	16.1	25.45	57.37	63.19	-5.823	27.5	22	26.409	699.07	0	
"2013-02-07	14:00:00"	16.33	28.42	14.22	24.26	13.73	29.89	17.7	21.87	59.25	64.09	-4.839	25.89	21.31	26.397	702.88	0	
"2013-02-07	15:00:00"	11.65	27.36	18.26	20.68	9.96	28.66	21.77	18.3	60.12	63.33	-3.219	24.93	21.44	26.393	620.82	0	
"2013-02-07	16:00:00"	9.34	16.73	28.43	18.3	7.882	16.05	29.62	17.7	60.79	63.16	-2.371	24.46	21.42	26.39	511.39	0	
"2013-02-07	17:00:00"	10.16	9.14	23.04	18.89	8.4	8.57	26.59	15.91	60.89	62.64	-1.749	25.01	22.3	26.388	355.31	0	
"2013-02-07	18:00:00"	10.95	31.91	14.86	15.91	9.17	33.74	17.88	14.12	60.07	61.28	-1.211	26.14	23.85	26.405	154.79	0	
"2013-02-07	19:00:00"	9.23	36.75	7.565	13.52	7.055	37.89	8.28	11.14	57.22	56.73	0.488	29	27.88	26.429	13.156	0	
"2013-02-07	20:00:00"	11.32	32.09	8.36	15.91	8.64	32.29	11.88	11.74	52.59	52.03	0.561	32.87	32.11	26.443	0	0	
"2013-02-07	21:00:00"	11.24	44.3	8.44	18.3	8.46	47.08	11.13	12.33	49.14	48.83	0.309	35.34	34.43	26.464	0	0	
"2013-02-07	22:00:00"	13.96	40.96	7.152	19.49	11.04	41.82	7.962	15.91	47.44	47.39	0.054	36.3	35.3	26.48	0	0	
"2013-02-07	23:00:00"	13.09	47.93	7.633	19.49	10.02	50.92	9.18	17.1	44.92	44.76	0.157	37.99	36.92	26.486	0	0	
"2013-02-08	00:00:00"	12.78	48.25	7.149	18.89	9.44	51.98	8.93	16.51	43.03	42.93	0.094	39.44	38.46	26.488	0	0	
"2013-02-08	01:00:00"	11.62	50.8	7.374	15.91	8.27	54.83	9.48	12.93	41.21	41.21	-0.004	42.06	40.73	26.492	0	0	
"2013-02-08	02:00:00"	9.99	59.62	6.99	13.52	6.581	61.55	9.48	9.95	38.32	37.99	0.322	46.89	45.93	26.493	0	0	
"2013-02-08	03:00:00"	9.99	58.64	6.614	12.93	6.543	60.08	8.81	9.35	37.65	37.11	0.532	48.11	47.59	26.495	0	0	
"2013-02-08	04:00:00"	10.45	59.96	6.732	12.93	7.115	61.86	8.67	9.35	37.29	36.91	0.386	48.3	47.62	26.487	0	0	
"2013-02-08	05:00:00"	10.91	59.93	6.506	14.72	7.417	60.88	8.73	10.54	36.48	36.06	0.423	49.55	48.93	26.482	0	0	
"2013-02-08	06:00:00"	11.12	66.49	8.7	14.72	7.812	67.09	9.95	10.54	35.75	35.41	0.335	51.7	50.81	26.478	0	0	
"2013-02-08	07:00:00"	4.603	168	39.69	8.75	3.229	173.7	42.19	6.368	34.91	34.49	0.416	55.42	54.46	26.498	0	0	
"2013-02-08	08:00:00"	3.639	197.8	12.71	5.175	2.209	207.2	20.02	3.982	35.96	35.24	0.719	59.13	58.01	26.506	7.0747	0	
"2013-02-08	09:00:00"	5.758	157.3	19.2	14.72	4.005	154	31.5	12.93	38.21	37.96	0.25	57.86	56.6	26.527	144.4	0	
"2013-02-08	10:00:00"	13.9	137	8.75	19.49	11.46	137.8	9.21	17.7	42.17	43.36	-1.191	48.86	45.89	26.541	325.09	0	
"2013-02-08	11:00:00"	14.08	130.9	10.88	19.49	11.68	132.8	11.52	17.7	44.77	46.67	-1.894	43.51	39.67	26.529	475.26	0	
"2013-02-08	12:00:00"	15.98	131	10.05	23.07	13.38	132.5	10.91	19.49	48.14	50.57	-2.428	37.21	33.56	26.514	629.98	0	
"2013-02-08	13:00:00"	15.56	143.8	14.48	23.66	13.01	144.9	14.29	20.68	51.08	53.57	-2.489	33.64	30.03	26.485	714.36	0	
"2013-02-08	14:00:00"	15.78	140.3	14	23.66	13.24	141	13.94	20.09	53.48	55.95	-2.472	31.05	27.54	26.445	710.12	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-08	15:00:00"	16.93	137.4	13.02	26.65	14.18	138.5	13.02	21.87	55.59	57.87	-2.284	28.77	25.46	26.397	649.52	0	
"2013-02-08	16:00:00"	20.09	136.9	10.79	30.22	16.59	138	11.08	26.05	57.49	60	-2.513	27.43	24.13	26.356	549.15	0	
"2013-02-08	17:00:00"	19.07	138.3	9.67	31.42	15.73	138.8	9.71	24.26	57.97	60.29	-2.328	26.74	23.63	26.339	329.73	0	
"2013-02-08	18:00:00"	19.77	136.6	8.39	27.84	16.19	137.8	8.56	24.86	57.81	58.42	-0.606	26.65	24.61	26.327	144.13	0	
"2013-02-08	19:00:00"	14.78	124.1	9.34	24.86	11.66	125.7	10.13	20.09	55.69	55.5	0.189	28.76	27.3	26.323	14.218	0	
"2013-02-08	20:00:00"	12.29	112.4	6.68	17.1	9.26	113.5	8.84	13.52	51.96	51.72	0.236	32.08	30.85	26.325	0	0	
"2013-02-08	21:00:00"	14.64	111.2	9.35	19.49	11.41	112.8	11.12	15.91	50.55	50.31	0.241	34.11	32.9	26.321	0	0	
"2013-02-08	22:00:00"	15.8	107.7	6.488	21.28	12.46	109	8.22	17.1	49.06	48.86	0.2	35.37	34.19	26.312	0	0	
"2013-02-08	23:00:00"	13.98	105.9	6.53	18.89	10.96	106	8.48	15.31	47.02	46.82	0.2	37.01	35.83	26.299	0	0	
"2013-02-09	00:00:00"	14.08	116.8	9.51	21.87	10.91	118.5	11.39	17.7	46.58	46.21	0.366	37.8	36.87	26.279	0	0	
"2013-02-09	01:00:00"	13.67	126.9	6.872	20.09	10.73	128.7	7.685	17.7	46.43	46.56	-0.121	39.51	38.07	26.256	0	0	
"2013-02-09	02:00:00"	9.63	120.5	10	15.31	7.255	119.6	12.99	12.33	44.43	44.05	0.384	44.04	42.84	26.238	0	0	
"2013-02-09	03:00:00"	7.804	89.3	9.44	10.54	5.315	79.96	10.22	7.561	42.37	41.72	0.649	49.48	48.52	26.212	0	0	
"2013-02-09	04:00:00"	6.478	115	17.5	11.74	4.061	98.3	18.39	8.75	43.1	41.12	1.983	53.19	53.2	26.183	0	0	
"2013-02-09	05:00:00"	6.2	156.3	38.28	9.95	4.198	151.1	49.24	7.561	46.33	44.38	1.952	56.8	57.48	26.171	0	0	
"2013-02-09	06:00:00"	10.13	183	9.13	15.91	7.781	185	11.99	13.52	46.92	46.52	0.406	62.77	62.15	26.165	0	0	
"2013-02-09	07:00:00"	12.7	174.8	7.003	19.49	9.89	173.8	9.36	15.31	47.3	47.15	0.145	65.7	64.91	26.153	0	0	
"2013-02-09	08:00:00"	14.44	177.9	7.521	21.28	11.41	178.5	10.2	17.7	48.04	48.07	-0.028	65.96	65	26.15	2.5628	0	
"2013-02-09	09:00:00"	15.44	176.1	8.23	24.86	12.24	176.1	10.79	21.87	48.56	48.47	0.089	65.79	64.84	26.149	62.744	0	
"2013-02-09	10:00:00"	21.13	173.3	6.698	30.82	16.81	173	9.16	24.86	50.66	51.03	-0.373	62.57	60.85	26.135	180.25	0	
"2013-02-09	11:00:00"	23.2	176.6	7.362	32.61	18.46	175.9	10	26.65	53.84	55.04	-1.197	56.41	53.41	26.13	425.6	0	
"2013-02-09	12:00:00"	23.26	179.7	8.42	32.61	18.53	179.2	12.15	26.65	58.2	60	-1.793	46.99	43.11	26.113	553.04	0	
"2013-02-09	13:00:00"	23.54	180.8	8.44	32.01	18.84	181.1	11.26	29.03	61.05	63.31	-2.264	41.68	37.76	26.078	584.56	0	
"2013-02-09	14:00:00"	22.69	185.1	10.59	33.21	18.3	185.5	13.35	30.22	64.64	66.99	-2.345	35.26	31.88	26.032	629.19	0	
"2013-02-09	15:00:00"	21.52	195.7	13.94	36.19	17.35	196	15.55	30.82	68.91	70.86	-1.941	28.18	25.29	25.994	646.25	0	
"2013-02-09	16:00:00"	22.4	206.8	15.91	37.98	18.07	205.4	17.02	30.82	71.95	73.52	-1.574	18.38	16.1	25.969	533.7	0	
"2013-02-09	17:00:00"	25.23	220.6	13.71	40.36	20.4	221.4	15.65	32.61	73.5	75.04	-1.541	9.75	7.706	25.95	350.92	0	
"2013-02-09	18:00:00"	22.3	239	16.25	35.59	18.04	242.3	20	33.21	72.75	73.5	-0.755	5.963	4.174	25.949	123.05	0	
"2013-02-09	19:00:00"	23.62	260.1	12.91	35	18.58	266.8	13.96	30.82	69.12	69.44	-0.313	6.096	4.32	25.978	9.763	0	
"2013-02-09	20:00:00"	28.1	284	8.01	42.15	18.12	289.2	9.8	35.59	60.22	61.82	-1.602	19.23	16.77	26.032	0	0	
"2013-02-09	21:00:00"	28.51	290.2	8.55	45.13	17	294.7	10.17	32.01	54.1	56.2	-2.098	23.69	20.81	26.079	0	0	
"2013-02-09	22:00:00"	27.76	287.7	7.762	42.15	17.1	292.1	9.64	34.4	50.32	52.3	-1.98	23.93	21.16	26.106	0	0	
"2013-02-09	23:00:00"	22.34	291.4	7.818	33.8	12.4	295.9	9.63	23.66	47.75	49.56	-1.814	22.73	20.27	26.118	0	0	
"2013-02-10	00:00:00"	13.32	288.6	8.24	23.66	6.833	292.6	9.6	18.3	45.33	46.51	-1.182	21.68	19.79	26.153	0	0	
"2013-02-10	01:00:00"	8.18	282.9	8.28	23.66	5.18	287.2	9.9	17.7	43.51	43.89	-0.378	18.99	17.84	26.175	0	0	
"2013-02-10	02:00:00"	13.79	278.5	14.29	23.66	8.79	284.3	14.41	15.91	42.6	43.84	-1.243	20.63	18.67	26.189	0	0	
"2013-02-10	03:00:00"	11.28	257	9.57	18.3	8.93	265.1	11.98	15.91	41.66	41.7	-0.038	21.35	20	26.2	0	0	
"2013-02-10	04:00:00"	11.36	257.3	12.3	19.49	8.46	261.8	13.64	16.51	39.21	39.45	-0.243	25.27	23.7	26.189	0	0	
"2013-02-10	05:00:00"	10.14	255	9.37	17.1	7.486	261.5	11.41	14.12	38.28	38.62	-0.346	28.38	26.79	26.196	0	0	
"2013-02-10	06:00:00"	6.773	243.1	11.76	10.54	2.386	246.4	15.79	7.561	37.2	36.96	0.242	29.78	28.76	26.203	0	0	
"2013-02-10	07:00:00"	6.618	235.6	17.62	12.93	4.551	235.6	21.81	12.33	35.66	35.31	0.35	31.04	30.05	26.21	0	0	
"2013-02-10	08:00:00"	7.757	253.3	14.09	13.52	3.372	257.1	16.11	10.54	36.08	35.63	0.455	31.49	30.62	26.227	4.6914	0	
"2013-02-10	09:00:00"	7.293	254.3	13.69	14.12	4.086	258.3	15.45	11.74	35.87	36.07	-0.202	32.49	31.18	26.248	147.64	0	
"2013-02-10	10:00:00"	13.78	276.3	8.92	23.07	10.36	280.4	11.04	20.68	41.27	43.32	-2.044	28.12	25.59	26.262	341.54	0	
"2013-02-10	11:00:00"	16.67	285.8	10.35	24.26	11.13	289.3	11.82	20.68	45.3	48.27	-2.968	23.19	20.18	26.271	533.6	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-10	12:00:00"	12.61	296.4	14.26	20.68	6.772	299.4	15.44	16.51	47.38	50.4	-3.023	20.46	17.48	26.274	604.19	0	
"2013-02-10	13:00:00"	10.61	279.5	19.86	20.68	3.501	282.9	21.6	15.31	49.29	52.48	-3.19	18.58	15.56	26.26	643.92	0	
"2013-02-10	14:00:00"	12.99	277	17.61	23.07	8.27	280.4	19.86	20.09	51.94	55.09	-3.146	15.11	12.36	26.232	747.19	0	
"2013-02-10	15:00:00"	13.39	277	22.06	22.47	9.86	280.9	22.99	18.3	53.97	56.8	-2.833	13.21	10.64	26.212	680.75	0	
"2013-02-10	16:00:00"	11.08	278.3	23.22	20.68	8.39	283.1	25.99	20.68	55.06	57.37	-2.308	12.27	9.95	26.207	566.6	0	
"2013-02-10	17:00:00"	11.38	255.9	21.33	20.68	9.07	261.2	21.79	17.7	56.84	58.35	-1.511	9.8	7.786	26.211	392.67	0	
"2013-02-10	18:00:00"	10.94	252.2	11.39	20.09	8.79	257.1	14.59	16.51	57.15	57.91	-0.76	9.25	7.446	26.218	184.5	0	
"2013-02-10	19:00:00"	4.965	239	18.33	9.95	2.137	241.6	23.54	8.16	54.82	54.34	0.477	10.47	9.23	26.226	19.838	0	
"2013-02-10	20:00:00"	5.017	204.8	12	8.16	1.435	202.5	15.81	5.771	51.03	50.33	0.703	11.81	10.77	26.242	0	0	
"2013-02-10	21:00:00"	4.305	260.1	34.94	8.16	1	292.3	46.28	1	49.24	46.96	2.287	13.4	13.15	26.258	0	0	
"2013-02-10	22:00:00"	4.336	19.81	52.52	9.95	2.497	29.51	25	7.561	48.56	41.54	7.019	13.62	16.96	26.28	0	0	
"2013-02-10	23:00:00"	3.416	341.6	79.48	8.16	2.605	335.2	55.6	7.561	48.4	39.52	8.87	13.59	18.72	26.292	0	0	
"2013-02-11	00:00:00"	3.431	276.2	14.44	5.771	1	313.1	6.101	1	49.06	45.26	3.796	13.93	14.24	26.298	0	0	
"2013-02-11	01:00:00"	3.958	268.5	20.15	6.368	1	300.6	25.19	1	48.52	43.97	4.547	14.33	16.47	26.297	0	0	
"2013-02-11	02:00:00"	4.28	270.7	37.6	6.368	1	287.3	46.62	1.596	46.7	43.47	3.228	15.74	17.75	26.301	0	0	
"2013-02-11	03:00:00"	5.479	356.7	20.36	7.561	3.626	6.538	25.65	6.368	44.78	37.81	6.968	17.22	23.46	26.3	0	0	
"2013-02-11	04:00:00"	5.052	135.3	41.4	11.74	3.107	127.5	40.03	10.54	38.77	36.68	2.085	23.96	25.33	26.3	0	0	
"2013-02-11	05:00:00"	3.531	184.7	9.86	5.771	1	141.2	67.58	1	41.51	37.84	3.667	19.76	22.48	26.297	0	0	
"2013-02-11	06:00:00"	3.013	252.3	44.91	4.578	2.226	337.3	71.56	5.175	44.25	37.77	6.481	17.5	21.91	26.292	0	0	
"2013-02-11	07:00:00"	2.482	101.5	55.49	5.771	2.093	40.73	22.2	6.964	45.25	38.79	6.456	16.67	21.03	26.299	0	0	
"2013-02-11	08:00:00"	9.86	30.79	10.23	14.12	6.985	27.86	14.4	11.74	33.86	33.12	0.747	29.57	30.1	26.312	8.8063	0	
"2013-02-11	09:00:00"	12.35	60.9	9.29	18.3	9.74	63.06	10.31	15.31	34.48	35.62	-1.132	36.41	34.42	26.339	136.38	0	
"2013-02-11	10:00:00"	13.75	61.04	8.2	18.89	10.85	64.11	9.89	15.91	38.96	40.32	-1.36	34.45	32.18	26.352	208.01	0	
"2013-02-11	11:00:00"	15.86	75.98	10.51	21.28	12.95	76.33	11.63	19.49	43.53	45.69	-2.164	31.04	28.29	26.356	524.78	0	
"2013-02-11	12:00:00"	15.26	87.7	9.78	21.28	12.65	88.1	11.6	19.49	47.84	50.6	-2.759	27.62	24.32	26.347	654.51	0	
"2013-02-11	13:00:00"	13.69	105.2	19.06	21.28	11.48	106.9	21.29	18.89	51.76	54.25	-2.488	25.51	22.41	26.318	722.92	0	
"2013-02-11	14:00:00"	14.9	140.9	15.59	23.66	12.48	141.9	16.51	20.09	55.14	57.75	-2.613	24.05	20.87	26.286	730.92	0	
"2013-02-11	15:00:00"	15.73	141.2	15.84	24.86	12.98	142.4	15.76	20.09	57.32	59.63	-2.305	23.82	20.74	26.252	652.22	0	
"2013-02-11	16:00:00"	16.75	129.3	15.32	27.84	13.74	131.1	16.42	21.87	60.05	61.96	-1.908	24.63	21.76	26.224	549.04	0	
"2013-02-11	17:00:00"	13.92	167.4	24.65	25.45	11.49	168.1	26.04	22.47	62.02	63.65	-1.629	24.29	21.63	26.211	401.14	0	
"2013-02-11	18:00:00"	11.57	181.8	11.34	18.3	9.25	182.8	14.42	15.91	61.93	62.77	-0.84	23.88	21.75	26.211	187.04	0	
"2013-02-11	19:00:00"	6.784	154	19.88	11.14	4.596	147.9	24.04	9.35	60.07	58.76	1.307	26.5	25.51	26.202	19.319	0	
"2013-02-11	20:00:00"	9.06	104.3	9.05	21.28	5.795	87.5	11.67	16.51	56.99	53.45	3.546	30.22	30.91	26.2	0	0	
"2013-02-11	21:00:00"	18.84	111.5	10.77	31.42	15.03	113.3	12.58	26.65	54.5	55.13	-0.625	40.76	38.53	26.218	0	0	
"2013-02-11	22:00:00"	16.48	106.1	8.49	24.26	13.24	107.4	10.14	20.09	51.18	51.98	-0.809	53.62	51.5	26.221	0	0	
"2013-02-11	23:00:00"	20.38	108.5	8.6	29.03	16.28	110.4	10.75	25.45	47.71	48.65	-0.943	65.83	64.15	26.215	0	0	
"2013-02-12	00:00:00"	22.68	120.4	7.058	35.59	17.89	122.7	8.97	30.82	45.41	46.84	-1.43	74.19	70.28	26.203	0	0	
"2013-02-12	01:00:00"	19.14	122.5	6.725	28.43	15.17	125.1	8.22	23.66	43.53	44.84	-1.306	79.35	75.14	26.192	0	0	
"2013-02-12	02:00:00"	14.43	131.7	8.17	21.28	11.68	133.6	8.25	17.7	42.86	43.68	-0.824	83.2	80.2	26.192	0	0	
"2013-02-12	03:00:00"	11.13	150.4	14.71	18.89	9.19	151	15.38	15.91	43.47	43.99	-0.513	82.9	81.1	26.194	0	0	
"2013-02-12	04:00:00"	6.285	228.5	27.35	9.95	5.168	232.1	31.12	8.16	43.7	44.02	-0.316	82.7	81.1	26.197	0	0	
"2013-02-12	05:00:00"	6.779	265.5	14.91	11.74	5.204	271	15.28	9.95	43.53	43.75	-0.227	82	80.6	26.203	0	0	
"2013-02-12	06:00:00"	8.58	270	10.41	14.12	6.614	274.9	11.16	12.33	43.98	44.11	-0.134	80.6	79.34	26.22	0	0	
"2013-02-12	07:00:00"	10.26	288.7	20.84	18.89	6.891	292.8	21.45	13.52	42.96	42.88	0.079	76.52	76.32	26.222	0	0	
"2013-02-12	08:00:00"	8.54	284.1	29.22	15.31	6.067	289.1	29.49	12.93	40.23	40	0.233	68.4	68.7	26.216	3.8933	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-02-12	09:00:00"	13.74	261.1	8.38	24.26	11.33	269	9.07	21.28	40.62	40.84	-0.223	63.24	62.33	26.244	122.03	0
"2013-02-12	10:00:00"	22	279.4	10.59	31.42	15.77	283.8	11.94	29.03	43.39	45.44	-2.045	51.82	48.28	26.264	342.99	0
"2013-02-12	11:00:00"	22.3	290.9	12.83	35	14.72	294.7	13.82	27.84	44.7	47.86	-3.161	46.1	40.91	26.293	509.02	0
"2013-02-12	12:00:00"	22.15	317.3	12.48	29.63	15.97	319.7	13.12	27.84	45.02	48.99	-3.978	48.51	41.72	26.309	661.41	0
"2013-02-12	13:00:00"	22.62	324.9	10.03	32.61	17.4	326.5	10.9	28.43	46.15	50.04	-3.89	44.87	38.57	26.304	656.19	0
"2013-02-12	14:00:00"	22.13	323.4	10.47	31.42	16.84	325.1	11.46	27.24	46.51	49.73	-3.223	42.6	37.38	26.302	499.64	0
"2013-02-12	15:00:00"	22.71	337.7	10.62	31.42	18.18	337.2	11.81	28.43	45.42	48.61	-3.189	45	39.34	26.305	534.62	0
"2013-02-12	16:00:00"	21.76	345.2	13.64	33.21	17.69	343.4	13.84	28.43	45.1	48.71	-3.614	45.43	39.11	26.319	556.23	0
"2013-02-12	17:00:00"	18.7	349.3	15.47	32.61	15.26	347.1	15.88	26.05	45.61	48.61	-2.999	43.83	38.55	26.327	380.21	0
"2013-02-12	18:00:00"	15.58	359.4	13	25.45	12.48	356.5	14.44	21.28	45.76	48.23	-2.473	42.87	38.38	26.341	205.16	0
"2013-02-12	19:00:00"	11.65	8.28	9.3	18.3	9.08	5.124	12.12	17.1	43.78	44.71	-0.926	47.05	44.22	26.359	23.044	0
"2013-02-12	20:00:00"	8.62	21.29	6.09	11.74	6.031	20.15	10.12	8.75	39.64	39.27	0.371	52.94	51.67	26.366	0	0
"2013-02-12	21:00:00"	4.512	45.76	25.72	8.16	2.281	46.49	36.36	4.578	37.9	36.29	1.609	56.63	57.06	26.38	0	0
"2013-02-12	22:00:00"	1.799	133.4	51.15	2.789	1	116.8	44.32	1	37.41	35.78	1.63	57.92	58.43	26.397	0	0
"2013-02-12	23:00:00"	3.116	2.04	32.21	5.175	3.51	343.8	16.74	5.771	36.82	32.64	4.172	59.44	62.37	26.405	0	0
"2013-02-13	00:00:00"	4.401	32.97	2.465	6.368	3.669	11.74	7.861	5.175	36.38	29.19	7.185	62.25	67.44	26.404	0	0
"2013-02-13	01:00:00"	3.191	314.3	66.57	6.368	2.941	309.1	62.14	5.771	33.67	28.97	4.696	66.1	67.83	26.405	0	0
"2013-02-13	02:00:00"	4.84	356.7	21.59	7.561	4.241	360	33.2	5.771	34.79	27.33	7.459	68.56	73.05	26.401	0.00019	0
"2013-02-13	03:00:00"	7.125	18.64	4.697	8.16	4.191	15.84	10.5	5.771	34.52	25.99	8.53	70.29	74.67	26.395	0.00048	0
"2013-02-13	04:00:00"	6.251	337.2	35.53	8.75	3.344	320.7	33.33	5.175	32.78	25.78	7.004	70.37	76.75	26.383	0.0023	0
"2013-02-13	05:00:00"	8.33	305.9	4.712	11.74	3.256	303.7	12.49	6.368	29.07	24.97	4.092	74.77	76.92	26.381	0.02371	0
"2013-02-13	06:00:00"	6.787	258.8	29.24	11.74	4.653	258.6	41.4	8.16	27.3	26.02	1.282	74.26	76.45	26.381	0.00874	0
"2013-02-13	07:00:00"	4.732	254.2	14.05	7.561	2.758	262.3	27.49	5.175	27.39	25.31	2.085	72.91	74.26	26.381	0.01238	0
"2013-02-13	08:00:00"	4.609	232.4	15.49	7.561	3.211	225.7	24.76	5.175	25.77	25.12	0.656	74.42	73.36	26.386	9.2347	0
"2013-02-13	09:00:00"	5.873	264.6	12.86	9.35	4.112	270.3	16.05	6.368	30.34	30.05	0.283	68.75	70.09	26.407	150.29	0
"2013-02-13	10:00:00"	7.351	228	17.68	14.12	6.224	230.1	19.43	12.33	36.34	37.63	-1.284	60.66	58.03	26.421	349.32	0
"2013-02-13	11:00:00"	10.5	215.6	15.87	17.7	8.61	217.1	18.9	15.31	43.1	44.98	-1.882	48.08	44.35	26.426	532.47	0
"2013-02-13	12:00:00"	11.95	222.6	18.58	18.89	9.74	224.2	21.11	16.51	47.89	50.04	-2.151	32.67	29.58	26.419	670.89	0
"2013-02-13	13:00:00"	11.31	223.2	19.6	19.49	8.62	225.1	23.78	18.3	50.23	52.51	-2.279	25.48	22.46	26.396	746.62	0
"2013-02-13	14:00:00"	11.92	227.9	21.4	21.28	9.32	228.6	24.99	17.7	52.27	54.52	-2.248	18.56	15.91	26.361	756.28	0
"2013-02-13	15:00:00"	12.51	228.9	19.71	22.47	10.39	231.8	22.8	19.49	53.57	55.57	-1.993	14.7	12.33	26.325	678.28	0
"2013-02-13	16:00:00"	12.56	226.7	18.27	23.66	10.26	228.7	22.01	20.09	55.08	56.66	-1.58	12.37	10.19	26.301	569.94	0
"2013-02-13	17:00:00"	11.14	231.2	19.26	21.28	9.33	234	22	18.3	56.43	57.74	-1.314	12.14	10.06	26.289	397.2	0
"2013-02-13	18:00:00"	10.41	226	19.1	17.7	7.753	228.2	23.03	15.91	56.46	57.16	-0.703	12.04	10.16	26.28	198.3	0
"2013-02-13	19:00:00"	6.866	219.3	15.51	12.33	5.03	218.6	19.29	9.95	54.25	54.07	0.187	12.78	11.28	26.277	23.62	0
"2013-02-13	20:00:00"	4.741	252.8	9.46	6.368	1.706	264.6	17.42	3.386	52.11	50.31	1.799	14.01	13.38	26.293	0	0
"2013-02-13	21:00:00"	4.103	211.7	30.09	6.964	1.366	199.6	32.99	3.982	49.66	47.44	2.223	15.52	15.91	26.303	0	0
"2013-02-13	22:00:00"	4.502	205.9	11.41	6.964	1.092	195.5	22.63	2.789	48.58	45.93	2.651	15.62	15.91	26.305	0	0
"2013-02-13	23:00:00"	6.775	196.5	11.67	9.95	3.935	197.3	11.88	7.561	43.43	42.15	1.286	18.99	18.66	26.311	0	0
"2013-02-14	00:00:00"	4.692	219	18.2	6.964	1.716	212.2	27.36	4.578	41.64	40.18	1.455	20.76	20.65	26.318	0	0
"2013-02-14	01:00:00"	4.394	279.1	29.51	7.561	1	269.4	48.5	1.596	41.09	38.45	2.643	21.6	22.3	26.317	0	0
"2013-02-14	02:00:00"	5.452	293	7.86	6.964	1	291.4	13.63	1.596	40.12	35.54	4.586	22.71	24.92	26.308	0	0
"2013-02-14	03:00:00"	9.8	308.9	6.613	11.74	4.497	319.1	6.132	7.561	39.24	34.27	4.972	24.11	27.09	26.303	0	0
"2013-02-14	04:00:00"	10.33	336.1	7.208	13.52	5.779	339.2	9.15	9.35	39.4	36.23	3.172	24.77	26.22	26.3	0	0
"2013-02-14	05:00:00"	9.41	348.2	9.87	12.33	4.307	4.019	13.21	6.368	46.87	35.65	11.21	19.62	26.62	26.293	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-14	06:00:00"	10.1	310.7	20.21	13.52	4.83	314.8	26.88	9.35	39.09	33.82	5.275	25.81	28.96	26.297	0	0
"2013-02-14	07:00:00"	8.97	295.9	6.07	12.33	3.133	299.3	8.52	6.964	33.34	30.96	2.386	30.29	31.59	26.307	0	0
"2013-02-14	08:00:00"	8.77	297.9	6.219	11.74	2.092	304.3	9.94	5.771	33.85	30.51	3.337	31.93	33.88	26.322	10.022	0
"2013-02-14	09:00:00"	10.27	306.4	7.599	16.51	5.598	310.7	8.57	12.93	39.31	38.78	0.521	31.56	30.89	26.344	157.02	0
"2013-02-14	10:00:00"	15.15	312.7	8.67	24.26	10.41	315.1	10.52	18.89	46.45	47.79	-1.344	27.96	25.75	26.356	359.18	0
"2013-02-14	11:00:00"	13.84	296.1	13.22	26.65	9.13	299.3	15	24.86	52.88	55.06	-2.175	22.89	20.25	26.356	543.28	0
"2013-02-14	12:00:00"	18.54	283.2	11.53	26.65	13.25	286.9	13.15	22.47	56.08	58.93	-2.85	18.81	15.96	26.347	682.52	0
"2013-02-14	13:00:00"	14.62	285.2	14.68	24.26	10.31	288.6	16.13	18.89	56.7	60.12	-3.422	17.86	14.81	26.327	761.85	0
"2013-02-14	14:00:00"	11.71	272.1	15.93	20.09	9.34	275.3	16.55	18.3	57.97	61.69	-3.724	17.11	13.93	26.305	769.66	0
"2013-02-14	15:00:00"	10.94	255.9	19.63	17.7	9.02	260	21.61	16.51	59.63	63.77	-4.144	16.02	12.73	26.288	690.95	0
"2013-02-14	16:00:00"	9.23	249.3	22.77	20.09	7.533	252.5	26.26	18.3	60.81	64.07	-3.264	14.99	12.1	26.279	580.73	0
"2013-02-14	17:00:00"	8.37	270.7	21.12	15.91	6.223	275	21.6	13.52	61.77	64.78	-3.01	14.03	11.36	26.281	405.55	0
"2013-02-14	18:00:00"	9.8	302	17.79	14.72	6.735	305.5	18.73	13.52	61.68	63.84	-2.162	14.02	11.67	26.286	204.56	0
"2013-02-14	19:00:00"	9.78	337.6	10.64	15.31	6.514	339.4	11.52	12.93	57.87	57.71	0.155	15.64	14.32	26.29	25.76	0
"2013-02-14	20:00:00"	9.74	3.364	8.98	11.74	4.158	0.393	8.77	7.561	53.85	47.91	5.939	19.23	20.67	26.304	0	0
"2013-02-14	21:00:00"	10.06	7.984	2.172	11.74	5.031	4.324	4.136	6.368	51.94	42.49	9.45	21.3	25.77	26.323	0	0
"2013-02-14	22:00:00"	14.37	21.76	13.23	24.26	10.59	22.79	15.45	21.28	46.87	45.72	1.143	29.17	29.14	26.356	0	0
"2013-02-14	23:00:00"	18.3	44.13	7.652	29.03	14.69	46.61	8.94	26.05	45.41	47.28	-1.875	42.15	38.2	26.391	0	0
"2013-02-15	00:00:00"	20.27	42.72	7.133	28.43	16.33	45.62	8.67	26.05	43.26	45.28	-2.022	50.54	45.98	26.427	0	0
"2013-02-15	01:00:00"	21.31	38.77	6.827	29.63	17.64	40.87	8.18	25.45	39.95	42.46	-2.504	63.22	56.28	26.449	0	0
"2013-02-15	02:00:00"	23.33	41.92	6.588	33.21	19.26	44.05	8.03	28.43	38.94	40.93	-1.999	68.79	63.34	26.468	0	0
"2013-02-15	03:00:00"	21.33	36.9	7.021	30.82	17.89	39.62	8.52	27.24	37.26	38.87	-1.61	70.9	66.76	26.49	0	0
"2013-02-15	04:00:00"	18.81	35.64	7.067	27.24	15.7	37.79	8.47	23.66	35.55	37.69	-2.139	74.91	69.5	26.514	0	0
"2013-02-15	05:00:00"	19.31	34.49	6.989	26.65	16.16	36.49	8.99	24.86	34.39	36.31	-1.924	74.99	70	26.532	0	0
"2013-02-15	06:00:00"	15.71	31.3	6.776	23.66	13.11	33.36	8.99	20.09	32.69	35.68	-2.985	75.65	68.63	26.546	0	0
"2013-02-15	07:00:00"	13.62	23.5	6.078	18.3	11.13	25.06	9.45	15.91	31.1	34.21	-3.111	76.29	69.54	26.577	0.0001	0
"2013-02-15	08:00:00"	12.99	19.61	5.754	17.1	10.48	19.64	10.48	15.31	30.19	33.01	-2.818	75.4	69.4	26.599	10.743	0
"2013-02-15	09:00:00"	13.7	16.63	8.48	20.09	11.31	16.17	13.59	18.3	31.87	34.08	-2.208	69.58	65.45	26.627	112.77	0
"2013-02-15	10:00:00"	16.12	25.97	8.83	22.47	13.41	27.23	12.57	21.28	34.15	38.55	-4.405	62.18	54.5	26.648	232.75	0
"2013-02-15	11:00:00"	13.81	38.14	10.16	20.09	11.74	40.94	11.78	19.49	35.27	39.14	-3.867	58.38	50.99	26.652	232.62	0
"2013-02-15	12:00:00"	9.8	52.83	14.92	15.31	8.27	54.95	16.35	14.72	36.94	41.51	-4.572	52.25	45.25	26.65	519.56	0
"2013-02-15	13:00:00"	9.19	57.17	18.05	14.12	7.917	58.72	18.85	13.52	39.24	44.19	-4.948	41.97	35.46	26.636	378.93	0
"2013-02-15	14:00:00"	8.32	62.69	25.63	16.51	7.093	64.58	27.88	13.52	41.12	44.97	-3.854	36.59	31.76	26.61	536.44	0
"2013-02-15	15:00:00"	6.917	54.13	28.86	14.72	5.952	55.28	30.21	12.93	42.89	44.54	-1.651	35.08	31.95	26.588	537.64	0
"2013-02-15	16:00:00"	7.465	38.01	23.79	12.33	6.476	38.01	27.36	11.74	43.12	44.49	-1.369	34.41	31.51	26.588	270.42	0
"2013-02-15	17:00:00"	4.821	44.73	51.4	11.74	4.25	47.75	56.34	10.54	43.14	44.18	-1.036	34.77	32.16	26.585	350.56	0
"2013-02-15	18:00:00"	5.491	15.69	43.31	11.14	4.479	12.73	43.37	9.95	43.88	44.74	-0.859	34.53	32.05	26.596	191.76	0
"2013-02-15	19:00:00"	6.484	65.02	12.25	9.35	4.668	69.69	14.5	8.16	42.07	41.9	0.171	35.86	34.17	26.6	22.975	0
"2013-02-15	20:00:00"	7.757	95.7	10.68	10.54	4.138	88.6	10.71	6.368	38.95	36.2	2.75	38	38.81	26.606	0	0
"2013-02-15	21:00:00"	7.243	131.4	10.2	9.35	4.128	122.9	19.57	6.964	36.9	34.57	2.338	38.56	39.61	26.613	0	0
"2013-02-15	22:00:00"	8.05	151.4	9.51	11.14	5.9	150.3	10.4	8.75	37.08	36.2	0.883	37.79	37.46	26.618	0	0
"2013-02-15	23:00:00"	7.723	159	8.83	11.14	5.853	157.1	10.25	9.35	35.88	35.3	0.584	38.75	38.01	26.629	0	0
"2013-02-16	00:00:00"	4.923	200.4	21.12	11.14	3.484	209.4	26.73	8.16	33.08	32.6	0.481	42.9	41.8	26.63	0	0
"2013-02-16	01:00:00"	4.639	238.9	13.33	6.964	2.477	253.5	13.33	5.175	33.26	32.3	0.958	43.12	43	26.634	0	0
"2013-02-16	02:00:00"	5.511	252.5	9.24	8.16	3.73	262.7	10.84	6.368	33.06	32	1.058	44	43.81	26.638	0.0001	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-02-16	03:00:00"	6.245	246.4	7.148	8.16	4.288	256.9	8.54	5.771	32.87	31.77	1.102	44.91	44.99	26.64	0	0
"2013-02-16	04:00:00"	5.376	256.5	6.465	6.964	3.656	264	6.435	6.368	32.13	31.17	0.967	46.26	46.11	26.641	0	0
"2013-02-16	05:00:00"	5.763	262	6.096	7.561	4.196	271.6	8.89	6.368	31.99	30.86	1.13	47.05	47.17	26.633	0.0001	0
"2013-02-16	06:00:00"	5.291	269.7	7.555	6.964	2.823	300.9	8.88	5.175	31.63	27.77	3.865	48.25	52.18	26.628	0.00038	0
"2013-02-16	07:00:00"	5.677	273.2	7.997	7.561	2.569	301.2	8.24	3.982	31.15	27.33	3.814	49.51	53.96	26.622	0.00278	0
"2013-02-16	08:00:00"	4.707	262.6	5.778	6.964	2.519	294.2	8.25	3.982	32.04	28.81	3.228	48.86	52.61	26.625	11.732	0
"2013-02-16	09:00:00"	4.989	254.3	12.13	8.16	3.837	261.7	17.52	6.964	33.55	34.17	-0.627	50.03	48.68	26.644	162.57	0
"2013-02-16	10:00:00"	6.155	226.7	15.88	14.72	5.33	228.9	18.23	11.74	38.68	41.73	-3.054	49.85	44.51	26.651	365.74	0
"2013-02-16	11:00:00"	11.08	232.4	13.82	17.1	9.41	235.4	17.35	15.31	44.89	48.68	-3.795	41.65	36.54	26.645	550.22	0
"2013-02-16	12:00:00"	11.87	241.8	14.46	18.89	10.16	245.9	17.12	17.1	49.52	53.66	-4.139	30.77	26.44	26.628	691.39	0
"2013-02-16	13:00:00"	12.58	254.7	13.45	19.49	10.42	259.1	16.5	18.3	53.14	57.14	-3.997	26.17	22.11	26.601	768.56	0
"2013-02-16	14:00:00"	11.53	245.1	16.65	18.89	6.377	249.1	19.3	16.51	56.1	60.09	-3.988	20.54	17.03	26.557	777.08	0
"2013-02-16	15:00:00"	11.63	240.9	19.49	23.66	8.04	244.1	22.52	19.49	58.93	62.48	-3.544	17.08	13.98	26.518	700.9	0
"2013-02-16	16:00:00"	13.43	234.3	17.78	21.87	11.16	237.6	20.69	18.89	60.9	63.89	-2.99	13.51	10.87	26.483	589.48	0
"2013-02-16	17:00:00"	14.8	223.5	14.44	23.66	12.07	224.7	17.11	21.87	61.28	63.52	-2.246	11.89	9.56	26.457	414.8	0
"2013-02-16	18:00:00"	14.08	219.9	14.23	22.47	11.49	219.6	17.41	21.28	61.43	62.42	-0.994	14.77	12.7	26.438	211.97	0
"2013-02-16	19:00:00"	9.75	203	11.37	17.7	6.964	201.7	11.28	14.72	59.16	59.37	-0.217	14.1	12.51	26.425	29.075	0
"2013-02-16	20:00:00"	8.29	194.5	8.2	11.74	3.532	199.3	10.4	8.16	53.72	53.05	0.669	15.65	14.53	26.426	0	0
"2013-02-16	21:00:00"	7.332	201.9	11.72	12.33	1.39	205.8	11.48	8.16	50.49	49.83	0.664	19.77	18.48	26.425	0	0
"2013-02-16	22:00:00"	7.73	203.3	13.52	12.33	1.536	203.8	14.83	7.561	48.56	47.89	0.669	21.6	20.51	26.425	0	0
"2013-02-16	23:00:00"	7.731	189.4	6.327	10.54	3.184	195.9	9.44	8.16	44.85	44.12	0.733	23.44	22.56	26.418	0	0
"2013-02-17	00:00:00"	6.319	198.7	10.04	8.75	2.362	197.4	11.79	6.964	41.5	40.27	1.236	25.99	25.73	26.401	0	0
"2013-02-17	01:00:00"	7.273	229.8	12.33	11.14	5.239	233.4	14.57	9.35	41.17	40.37	0.797	25.82	25.15	26.383	0	0
"2013-02-17	02:00:00"	7.497	232.4	14.42	9.95	5.21	236.1	19.2	8.75	40.49	39.48	1.008	26.49	26.09	26.372	0	0
"2013-02-17	03:00:00"	7.834	206.1	12.07	10.54	5.645	206.1	13.1	8.16	38.71	38.37	0.337	27.47	26.54	26.364	0	0
"2013-02-17	04:00:00"	7.075	212.8	10.53	9.35	5.017	209.3	12.64	7.561	36.84	36.29	0.552	29.26	28.4	26.347	0	0
"2013-02-17	05:00:00"	6.63	227.5	9.18	8.75	4.691	222.1	11.25	6.964	37.04	36.34	0.71	28.82	28.25	26.333	0	0
"2013-02-17	06:00:00"	6.392	225.8	10.29	8.16	3.764	222.9	12.5	6.368	36.77	35.06	1.712	28.99	29.31	26.327	0	0
"2013-02-17	07:00:00"	6.025	230.1	11.45	8.16	3.785	230.9	17.86	6.368	34.97	33.73	1.237	30.91	30.92	26.323	0	0
"2013-02-17	08:00:00"	6.123	232.4	8.06	8.16	3.987	237.8	15.97	6.964	35.1	33.81	1.291	31.53	31.39	26.322	13.625	0
"2013-02-17	09:00:00"	4.789	222.7	12.35	7.561	2.042	224.7	12.13	6.368	35.89	36.46	-0.57	32.51	30.96	26.331	173.38	0
"2013-02-17	10:00:00"	6.233	213.5	11.75	10.54	5.236	214.7	15.23	8.75	43.63	44.71	-1.084	26.91	25.24	26.342	379.76	0
"2013-02-17	11:00:00"	10.01	210.8	11.83	16.51	7.272	212	15.76	14.12	50.81	52.82	-2.003	21.3	18.96	26.334	566.5	0
"2013-02-17	12:00:00"	12.24	210.4	13.15	18.3	10.17	210	15.64	17.1	56.36	58.49	-2.13	16.68	14.33	26.311	708.15	0
"2013-02-17	13:00:00"	13.72	212.2	14.22	23.07	11.26	211.4	16.47	20.09	61.42	63.4	-1.983	12.09	9.9	26.279	791.08	0
"2013-02-17	14:00:00"	17.1	209.6	13.52	27.84	13.81	209.3	15.56	23.66	65.52	67.48	-1.958	7.937	5.897	26.232	800.38	0
"2013-02-17	15:00:00"	18.91	196.3	16.15	30.22	14.95	197	17.46	24.26	66.62	68.93	-2.309	7.101	5.027	26.196	730.59	0
"2013-02-17	16:00:00"	18.31	189.4	11.81	27.24	14.64	190.5	14.29	23.07	66.01	67.64	-1.627	7.711	5.744	26.169	409	0
"2013-02-17	17:00:00"	17.56	191.1	11.37	26.05	14	192.2	13.38	23.66	65.8	66.76	-0.965	7.545	5.739	26.156	295.4	0
"2013-02-17	18:00:00"	14.72	192	9.53	22.47	11.62	194.1	12.14	18.3	65.87	66.34	-0.469	7.06	5.378	26.136	179.18	0
"2013-02-17	19:00:00"	11.92	176.5	7.673	17.7	9.1	174.8	9.81	15.31	63.08	62.48	0.596	8.7	7.376	26.125	24.391	0
"2013-02-17	20:00:00"	10.8	182	8.93	16.51	7.842	183.3	13.76	12.33	58.82	57.85	0.969	11.56	10.41	26.131	0	0
"2013-02-17	21:00:00"	11.06	176	11.75	18.3	8.3	177.6	15.27	15.91	53.83	53.27	0.565	16.58	15.17	26.136	0	0
"2013-02-17	22:00:00"	14.6	181	9.1	22.47	11.39	181.9	11.49	19.49	52.43	52.16	0.27	22.99	21.63	26.132	0	0
"2013-02-17	23:00:00"	10.3	184.7	10.27	19.49	7.853	187.4	13.71	15.91	49.94	49.66	0.282	25.74	24.46	26.14	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-18	00:00:00"	12.98	187	9.71	23.66	10.15	189	12.68	20.09	49.79	49.39	0.402	27.78	26.7	26.133	0
"2013-02-18	01:00:00"	15.24	180.1	7.928	23.07	12.09	180.7	10.47	18.89	49.63	49.72	-0.083	34.75	33.13	26.129	0
"2013-02-18	02:00:00"	11.79	187.5	9.86	18.89	9.1	190.4	13.23	15.91	47.1	47.46	-0.364	45.46	43.08	26.13	0
"2013-02-18	03:00:00"	7.677	201.4	17.77	11.74	5.613	203.5	18.97	9.95	43.72	43.37	0.351	52.31	51.07	26.126	0
"2013-02-18	04:00:00"	7.667	225.5	17.7	11.74	5.803	225.9	22.04	9.35	41.57	41.29	0.278	49.01	47.87	26.127	0
"2013-02-18	05:00:00"	7.604	222.2	13.41	14.12	5.912	222.8	16.25	9.95	40.25	40	0.248	48.7	47.94	26.131	0
"2013-02-18	06:00:00"	6.239	213.1	15.43	10.54	4.425	201	14.85	8.75	39.82	38.5	1.315	41.01	43.16	26.143	0
"2013-02-18	07:00:00"	9.53	277	13.33	13.52	5.015	286.7	20.59	12.93	45.84	41.22	4.615	23.02	27.31	26.169	0
"2013-02-18	08:00:00"	7.683	260	8.24	13.52	5.089	264.2	9.12	10.54	46.19	43.8	2.387	19.96	20.87	26.201	14.211
"2013-02-18	09:00:00"	6.406	266.7	14.49	15.31	4.494	268.3	13.97	11.74	47.95	47.21	0.742	18.95	18.64	26.239	170.92
"2013-02-18	10:00:00"	15.4	287.1	7.826	25.45	10.03	291.1	9.72	20.09	54.68	55.58	-0.893	14.95	13.44	26.268	375.14
"2013-02-18	11:00:00"	21.67	303.8	10.38	32.61	13.3	307.1	11.95	24.26	58.28	60.48	-2.205	13.15	11.01	26.279	566.76
"2013-02-18	12:00:00"	27.5	310.9	9.97	40.96	18.22	313.7	11.62	34.4	60.39	63.56	-3.17	12.86	10.33	26.291	702.33
"2013-02-18	13:00:00"	25.14	316.5	12.16	41.56	17.63	318.7	13.15	31.42	61.16	64.63	-3.469	12.27	9.64	26.304	776.77
"2013-02-18	14:00:00"	22.34	330.1	11.57	35	17.6	330.9	12.47	31.42	61.61	64.85	-3.237	11.97	9.44	26.296	781.3
"2013-02-18	15:00:00"	21.81	332	14.86	34.4	17.04	332.3	14.42	29.03	61.8	65.26	-3.462	10.85	8.31	26.291	703.81
"2013-02-18	16:00:00"	17.08	328.3	14.58	27.84	13.17	329	14.68	24.86	62.08	65.04	-2.959	10.24	7.825	26.29	595.67
"2013-02-18	17:00:00"	14.74	16.17	21.6	26.05	12.13	17.28	24.2	23.07	60.21	63.04	-2.833	14.76	12.04	26.301	357.6
"2013-02-18	18:00:00"	13.37	31.27	9.92	18.3	11.17	33.52	12.15	16.51	57.97	59.63	-1.659	16.46	14.21	26.313	160.83
"2013-02-18	19:00:00"	10.97	48.2	10.4	16.51	8.31	50.82	11.9	14.12	54.68	55.2	-0.526	18.41	16.56	26.33	25.735
"2013-02-18	20:00:00"	9.94	58.87	6.406	13.52	6.391	61.12	8.78	9.35	47.59	47.63	-0.035	23.02	21.4	26.35	0
"2013-02-18	21:00:00"	10.94	67.65	8.1	14.12	7.814	68.05	9.5	11.74	45.04	45.06	-0.025	25.42	23.93	26.363	0
"2013-02-18	22:00:00"	11.12	72.73	7.709	14.72	7.963	73.1	9.28	11.14	43.24	43.36	-0.121	27.56	26.05	26.38	0
"2013-02-18	23:00:00"	12.94	77.97	7.451	17.1	9.76	77.71	8.54	14.72	42.97	43.71	-0.745	28.52	26.84	26.39	0
"2013-02-19	00:00:00"	11.27	81.1	7.099	15.31	8.48	80.1	8.73	12.33	41.19	42.17	-0.979	30.69	28.61	26.392	0
"2013-02-19	01:00:00"	10.07	78.89	7.087	13.52	7.622	77.79	8.32	11.14	39.89	40.29	-0.398	32.8	31.06	26.396	0
"2013-02-19	02:00:00"	10.88	97	7.395	14.72	8.45	97.1	8.05	12.33	40.9	41.26	-0.357	34.59	32.93	26.407	0
"2013-02-19	03:00:00"	10.85	104.9	7.893	15.31	8.35	105	9.9	12.93	40.56	40.78	-0.218	37.93	36.26	26.415	0
"2013-02-19	04:00:00"	9.72	117.2	9.86	14.72	7.388	118.9	11.82	11.74	40.39	41.1	-0.712	40.4	38.23	26.414	0
"2013-02-19	05:00:00"	7.312	124.5	9.46	11.14	4.873	124.8	13.59	8.16	40.04	39.89	0.153	41.89	40.38	26.425	0
"2013-02-19	06:00:00"	5.844	76.69	8.58	7.561	3.84	57.68	12.74	5.771	38.55	37	1.549	44.2	44.36	26.434	0
"2013-02-19	07:00:00"	7.501	72.68	5.781	10.54	4.737	62.35	8.61	6.964	36.79	35.15	1.644	45.1	45.12	26.432	0
"2013-02-19	08:00:00"	9.02	75.76	4.388	11.14	5.512	69.46	8.05	7.561	33.24	32.44	0.806	50.09	48.98	26.426	9.8729
"2013-02-19	09:00:00"	10.93	100.5	14.97	21.28	8.4	99.8	18.82	17.1	35.91	35.95	-0.048	49.32	48.61	26.443	167.88
"2013-02-19	10:00:00"	20.65	130	7.809	29.63	16.75	132	8.75	24.86	43.2	45.7	-2.501	39.67	36.48	26.465	368.54
"2013-02-19	11:00:00"	21.48	133.9	8.12	28.43	17.59	135.2	8.73	24.86	46.78	49.19	-2.416	34.52	31.27	26.454	463.33
"2013-02-19	12:00:00"	22.32	135.8	9.76	30.22	18.39	136.9	10.26	27.84	50.46	53.23	-2.77	29.41	25.97	26.438	567.97
"2013-02-19	13:00:00"	21.84	143.4	10.18	29.63	18.13	143.5	10.17	26.65	51.5	53.8	-2.298	29.03	25.92	26.407	466.69
"2013-02-19	14:00:00"	21.42	147.7	12.31	30.82	17.83	147.4	12.12	27.84	52.71	54.74	-2.033	28.38	25.43	26.368	392.85
"2013-02-19	15:00:00"	19.01	156.8	11.78	29.03	15.86	156.3	12.53	24.86	52.89	54.46	-1.562	29.4	26.76	26.333	217.39
"2013-02-19	16:00:00"	17.78	163.7	10.67	29.03	14.6	162.8	11.89	27.24	53.66	54.58	-0.922	29.78	27.62	26.314	147.89
"2013-02-19	17:00:00"	17.03	172.7	7.448	26.05	13.74	172.3	9.52	21.87	54.15	54.71	-0.565	29.9	28.43	26.315	61.03
"2013-02-19	18:00:00"	12.36	164.5	9.74	21.87	9.99	163.8	10.97	18.3	49.53	49.85	-0.327	51.4	52.12	26.317	30.997
"2013-02-19	19:00:00"	11.54	161.7	10.47	22.47	9.55	160.8	11.22	18.3	46.44	46.92	-0.487	68.08	67.19	26.328	3.1937
"2013-02-19	20:00:00"	11.9	168.6	8.8	21.87	9.67	168.5	11.06	18.89	43.63	44.43	-0.798	80.8	78.54	26.349	0.46793

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-19	21:00:00"	8.28	165.9	9.82	12.93	6.714	165.3	11.57	10.54	43.32	43.87	-0.552	85.2	83.4	26.354	0.6343	0.05
"2013-02-19	22:00:00"	8.28	168.3	12.36	12.93	6.67	168.7	14.17	10.54	43.39	43.7	-0.315	83.4	83.1	26.333	0.34903	0.05
"2013-02-19	23:00:00"	9.22	168.7	9.42	12.93	7.399	168.9	11.05	11.14	42.91	43.35	-0.434	84.8	83.8	26.331	0.3452	0.14
"2013-02-20	00:00:00"	5.269	127	26.56	10.54	4.125	125.9	27.66	9.35	43.16	43.35	-0.188	84.4	84	26.309	0.36783	0.03
"2013-02-20	01:00:00"	7.672	114.4	8.01	11.74	6.053	115.6	9.46	9.35	43.21	43.37	-0.167	83.9	84	26.293	0.40511	0.03
"2013-02-20	02:00:00"	11.48	118	8.63	18.89	8.99	119.8	10.42	15.31	43.12	43.31	-0.197	80.6	81.6	26.263	0.21393	0.02
"2013-02-20	03:00:00"	11.31	113.3	12	16.51	8.86	114.1	13.63	13.52	42.3	42.34	-0.037	79.4	79.58	26.214	0	0
"2013-02-20	04:00:00"	7.919	100.9	28.61	12.33	5.881	99	30.96	10.54	41.31	41.2	0.112	80.8	80.8	26.198	0	0
"2013-02-20	05:00:00"	6.557	101.1	12.62	9.35	4.124	96.6	14.35	6.368	40.22	39.67	0.547	82	82.4	26.188	0	0
"2013-02-20	06:00:00"	8.93	103.1	24.78	12.33	6.061	102.3	27.21	9.35	39.37	38.75	0.616	81.9	82.8	26.176	0	0
"2013-02-20	07:00:00"	11.33	110.2	9.11	15.31	8.57	111.1	11.02	12.93	40.4	39.83	0.575	80.8	82.7	26.161	0	0
"2013-02-20	08:00:00"	11.27	118.4	7.645	17.7	8.88	120.7	9.6	13.52	42.27	42.29	-0.025	79.43	79.8	26.151	5.9362	0
"2013-02-20	09:00:00"	13.26	133.6	15.17	21.87	10.75	135	14.4	18.89	43.23	43.5	-0.276	81.3	80.7	26.147	59.363	0
"2013-02-20	10:00:00"	16.16	144.8	11.23	24.86	13.29	145.4	11.07	22.47	45.42	45.87	-0.449	81.9	81.2	26.138	127.9	0
"2013-02-20	11:00:00"	16.86	154.1	10.31	25.45	14.11	153.2	10.33	21.28	47.69	48.51	-0.82	79.59	78.54	26.128	295.89	0
"2013-02-20	12:00:00"	16.38	147.8	14.07	23.66	13.76	147.7	13.92	20.68	50.13	51.51	-1.377	76.16	74.82	26.109	511.99	0
"2013-02-20	13:00:00"	15.85	139.7	11.96	22.47	13.21	140.4	12.02	19.49	52.16	54	-1.843	73.01	71.54	26.086	655.96	0
"2013-02-20	14:00:00"	15.57	135.8	11.47	23.07	13.02	136.4	12.26	19.49	55.17	56.9	-1.738	68.34	67.27	26.038	718.35	0
"2013-02-20	15:00:00"	16.05	139.6	13.2	24.26	13.38	140	13.19	21.28	58.55	60.17	-1.62	60.77	59.39	25.988	687.22	0
"2013-02-20	16:00:00"	15.42	129.6	11.82	23.07	12.77	131.4	12.28	20.09	60.3	62.06	-1.757	57.84	55.71	25.956	573.95	0
"2013-02-20	17:00:00"	18.21	120.7	10.02	26.05	14.83	122.5	11.82	21.87	60.46	61.8	-1.345	59.53	57.48	25.929	387.34	0
"2013-02-20	18:00:00"	19.58	95	12.79	28.43	15.67	95.5	14.23	22.47	57.79	59.09	-1.306	69.36	66.37	25.905	179.3	0
"2013-02-20	19:00:00"	17.2	79.36	9.47	26.65	13.62	79.84	10.41	22.47	51.51	52.37	-0.866	85.3	82.6	25.913	11.123	0
"2013-02-20	20:00:00"	16.14	74.82	8.55	21.87	12.78	75.15	9.75	18.89	49.3	49.89	-0.591	88.8	86.9	25.934	0.27589	0
"2013-02-20	21:00:00"	19.08	87.5	8.4	27.84	15.2	88.3	10.2	23.07	47.34	48.01	-0.67	89.3	87.6	25.934	0.34512	0
"2013-02-20	22:00:00"	15.96	73.29	9.43	23.66	12.64	73.82	10.47	19.49	45.88	46.38	-0.504	89.4	87.8	25.916	0.34513	0
"2013-02-20	23:00:00"	10.37	53.79	39.08	21.87	7.908	55.06	41.02	14.12	45.11	45.44	-0.329	89.4	87.8	25.944	0.34543	0.38
"2013-02-21	00:00:00"	11.97	38.44	10.63	19.49	9.89	41.43	12.24	18.3	44.14	44.54	-0.395	88.3	87.2	25.955	0.18391	0
"2013-02-21	01:00:00"	8.56	32.71	15.93	15.31	7.068	33.83	19.44	13.52	42.04	42.3	-0.266	86.8	86.2	25.973	0.00048	0
"2013-02-21	02:00:00"	11.16	290.7	26.1	27.84	7.808	294.2	23.48	22.47	42.24	41.68	0.557	83.1	85.3	26.009	0	0
"2013-02-21	03:00:00"	20.58	271.7	11.51	36.78	15.53	277.2	12.47	29.63	43.72	43.22	0.504	51.89	55.66	26.025	0	0
"2013-02-21	04:00:00"	17.76	243.9	11.18	35.59	14.73	247.8	12.74	31.42	41.83	42.06	-0.229	47.03	46.94	25.998	0	0
"2013-02-21	05:00:00"	18.76	251.1	15.77	35.59	15.43	257.1	19.49	32.01	40.25	40.42	-0.178	49.14	48.51	25.993	0	0
"2013-02-21	06:00:00"	17.3	247.2	10.5	31.42	13.88	251.5	12.62	25.45	38.33	38.63	-0.298	54.33	53.67	26.01	0	0
"2013-02-21	07:00:00"	13.89	240.2	13.76	25.45	12.31	242.9	17.13	21.87	36.85	37.05	-0.2	57.52	57.04	26.019	0	0
"2013-02-21	08:00:00"	12.58	228.1	17.85	23.07	10.51	228.6	21.37	21.87	35.3	35.63	-0.333	63.25	62.43	26.03	18.166	0
"2013-02-21	09:00:00"	13.53	240.3	13.2	20.68	11.17	244.7	15.02	19.49	36.44	37.15	-0.712	56.97	56.31	26.049	183.18	0
"2013-02-21	10:00:00"	19.88	252.4	9.54	29.63	15.94	258.4	13.12	26.05	39.54	40.68	-1.134	45.38	44.71	26.076	382	0
"2013-02-21	11:00:00"	18.92	256	10.52	27.84	15.19	262.2	13.28	24.26	42.76	44.13	-1.376	41.06	40.3	26.088	563.51	0
"2013-02-21	12:00:00"	21.12	278	11.38	32.01	15.16	282.2	13.03	26.65	46.81	48.53	-1.712	36.31	36.52	26.102	703.23	0
"2013-02-21	13:00:00"	23.08	282.3	10.97	33.21	15.67	286.5	12.63	27.84	49.97	52.32	-2.348	32.4	31.99	26.108	782.85	0
"2013-02-21	14:00:00"	20.61	279.8	12.28	33.21	14.33	283.6	13.65	27.84	52.07	54.34	-2.273	29.9	28.84	26.106	790.55	0
"2013-02-21	15:00:00"	19.51	283.7	10.85	30.82	12.83	288	13.09	24.86	54.37	56.71	-2.336	25.98	24.91	26.097	718.92	0
"2013-02-21	16:00:00"	18.18	278.2	11.91	28.43	12.36	282.1	13.04	27.24	56.41	58.46	-2.048	22.35	21.19	26.089	605.8	0
"2013-02-21	17:00:00"	18.06	275.4	11.03	29.63	12.98	279.5	12.63	26.05	56.9	58.39	-1.49	21.25	20.06	26.083	432.03	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-21	18:00:00"	17.35	273.5	9.86	25.45	13.27	278.4	11.13	23.66	56.29	56.96	-0.671	20.61	19.8	26.094	230.92	0	
"2013-02-21	19:00:00"	12.52	265.1	7.866	20.68	10.05	270.8	8.51	17.7	53.74	53.83	-0.085	25.1	24.36	26.121	37.753	0	
"2013-02-21	20:00:00"	7.505	230.7	39.9	18.89	5.528	225	47.15	14.12	49.44	48.67	0.772	32.18	33.46	26.144	0.0047	0	
"2013-02-21	21:00:00"	6.371	241.8	13.81	9.35	4.065	247	17.57	8.16	47.29	46.4	0.883	36.49	38.11	26.185	0	0	
"2013-02-21	22:00:00"	5.724	239	39.23	8.75	2.904	243.2	47.18	6.368	43.87	42.25	1.623	42.41	47.12	26.204	0	0	
"2013-02-21	23:00:00"	8.54	309.8	8.02	11.14	3.3	333.1	13.49	6.368	44.17	37.74	6.432	38.46	54.51	26.2	0	0	
"2013-02-22	00:00:00"	8.9	348.7	26.06	11.74	4.947	348.4	21.99	9.35	40.47	37.81	2.666	44.37	52.13	26.198	0	0	
"2013-02-22	01:00:00"	4.253	274.7	50.99	8.16	2.467	263.8	73.04	8.16	40.56	37.49	3.074	43.73	52.3	26.213	0	0	
"2013-02-22	02:00:00"	3.363	268.6	50.5	5.771	1.552	322.4	87.1	3.982	41.9	38.41	3.49	39.04	47.61	26.213	0	0	
"2013-02-22	03:00:00"	6.093	45.09	31.28	11.74	4.527	34.96	21.8	9.35	37.94	34.51	3.434	48.25	59.6	26.218	0	0	
"2013-02-22	04:00:00"	9.32	45.1	15.25	12.93	6.903	46.6	16.85	10.54	31.94	32.55	-0.61	73.98	71.16	26.217	0	0	
"2013-02-22	05:00:00"	11.48	74.97	15.74	17.1	8.91	75.84	16.84	14.12	31.48	32.39	-0.904	84.3	80.2	26.237	0	0	
"2013-02-22	06:00:00"	10.7	87.5	11.07	15.31	8.65	88.1	13.13	12.33	31.61	32.73	-1.121	86.2	83	26.259	0	0	
"2013-02-22	07:00:00"	12.07	92.3	10.08	18.3	9.82	93.6	11.92	14.72	30.18	31.61	-1.426	86.5	83.2	26.276	0	0	
"2013-02-22	08:00:00"	11.67	94.9	9.08	17.7	9.54	95.8	10.58	14.72	29.19	30.72	-1.528	86.4	83.4	26.29	4.2954	0	
"2013-02-22	09:00:00"	12.32	99.2	9.31	17.1	10.15	100.7	11.01	14.72	27.55	29.18	-1.625	85.7	82.7	26.313	78.395	0	
"2013-02-22	10:00:00"	11.08	95.6	10.12	15.31	9.22	96.6	12.2	13.52	28.04	29.84	-1.797	83.3	81.1	26.331	275.68	0	
"2013-02-22	11:00:00"	11.39	108.9	10.83	15.91	9.65	111.4	13.22	15.31	32.46	35.46	-3.002	67.44	66.32	26.324	561.76	0	
"2013-02-22	12:00:00"	9.01	127.8	13.94	15.91	7.682	129	15.27	13.52	37.02	39.61	-2.59	54.96	51.46	26.325	699.85	0	
"2013-02-22	13:00:00"	6.105	140.3	28.95	11.74	5.195	139.5	32.07	10.54	40.79	42.13	-1.346	48.39	45.84	26.319	776.53	0	
"2013-02-22	14:00:00"	3.8	109.5	66.41	11.14	3.128	111.3	67.8	11.74	44.49	45.46	-0.97	42.03	39.92	26.294	787.84	0	
"2013-02-22	15:00:00"	5.044	140.5	55.56	10.54	4.053	141.8	59.28	9.95	47.46	48.76	-1.303	37.79	35.75	26.267	716.98	0	
"2013-02-22	16:00:00"	4.875	238.7	44.17	11.14	3.251	244.5	48.12	10.54	50.56	52.11	-1.544	34.32	32.1	26.252	599.73	0	
"2013-02-22	17:00:00"	6.163	169.1	40.37	16.51	4.774	170.5	43.45	14.12	53.06	54.2	-1.139	31.27	29.49	26.228	434.55	0	
"2013-02-22	18:00:00"	13.36	216.6	31.21	24.26	10.98	217.5	32.94	22.47	55.5	56.38	-0.882	21.96	20.47	26.225	231.04	0	
"2013-02-22	19:00:00"	10.79	231.1	12.49	21.28	8.95	231.8	15.14	18.3	53.95	54.35	-0.393	22.08	20.73	26.244	38.056	0	
"2013-02-22	20:00:00"	7.581	216.2	15.54	12.33	5.613	210.7	16.26	12.33	49.98	49.9	0.082	28.02	27.52	26.259	0.01313	0	
"2013-02-22	21:00:00"	5.186	191.8	21.23	7.561	1	181.2	19.68	1	46.66	45.75	0.911	33.26	34.8	26.263	0	0	
"2013-02-22	22:00:00"	5.897	120.9	40.89	11.14	2.261	106.9	46.3	8.75	43.81	42.47	1.335	40.91	43.53	26.277	0	0	
"2013-02-22	23:00:00"	10.42	111.9	12.73	17.1	7.781	111.4	18.71	12.93	40.46	39.78	0.681	51.48	53.29	26.281	0	0	
"2013-02-23	00:00:00"	11.9	115.9	8.76	17.7	8.95	117.1	10.82	15.31	38.5	39.29	-0.793	54.95	53.73	26.279	0	0	
"2013-02-23	01:00:00"	11.13	123.8	6.262	16.51	8.37	126.2	7.784	12.93	37.73	38.29	-0.563	54.57	53.68	26.273	0	0	
"2013-02-23	02:00:00"	8.86	144.7	13.95	13.52	6.925	145.8	13.83	12.33	36.49	36.38	0.11	56.73	56.68	26.272	0	0	
"2013-02-23	03:00:00"	8.74	249	60.68	38.57	5.758	252.7	61.26	24.86	37.58	36.85	0.728	53.25	54.79	26.291	0	0	
"2013-02-23	04:00:00"	6.734	278.4	13.66	9.95	3.775	280.6	18.36	6.964	38.29	36.37	1.916	51.01	55.59	26.287	0	0	
"2013-02-23	05:00:00"	9.48	298.2	6.852	14.12	4.546	302.3	9	8.75	36.85	35.71	1.144	52.07	55.1	26.284	0	0	
"2013-02-23	06:00:00"	9.71	306.4	7.711	14.72	5.264	310.5	10.06	9.35	35.85	35.02	0.826	51.42	53.38	26.295	0	0	
"2013-02-23	07:00:00"	8.12	295.9	11.81	10.54	3.769	300.9	14.86	7.561	34.32	31.1	3.227	51.27	59.26	26.297	0.00019	0	
"2013-02-23	08:00:00"	7.423	270.1	15.17	11.74	4.579	273.1	19.01	8.75	33.91	32.79	1.125	50.28	53.7	26.307	21.805	0	
"2013-02-23	09:00:00"	8.16	289.1	8.48	11.74	5.202	292.1	10.23	9.95	35.78	36.28	-0.498	46.15	46.23	26.319	196.93	0	
"2013-02-23	10:00:00"	12.56	282.7	10.92	20.68	8.96	286.1	12.55	17.7	42.91	44.05	-1.133	29.28	28.59	26.328	404.71	0	
"2013-02-23	11:00:00"	16.48	280.5	10.55	24.26	11.97	283.8	12.45	22.47	46.81	48.66	-1.851	19	17.81	26.326	592.28	0	
"2013-02-23	12:00:00"	14.52	270.1	13.93	22.47	11.12	274.8	14.81	20.09	49.27	51.53	-2.259	16.56	15	26.314	733.63	0	
"2013-02-23	13:00:00"	13.31	253.6	16.64	27.84	10.95	258.3	18.43	23.07	51.49	53.82	-2.328	14.39	12.68	26.29	811.17	0	
"2013-02-23	14:00:00"	11.99	244.7	19.14	20.09	9.97	248.8	22.33	17.1	53.99	56.4	-2.419	11.75	10.02	26.252	819.27	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-23	15:00:00"	12.85	216	19.41	21.28	10.69	217.1	22.44	19.49	55.9	57.98	-2.089	13.95	11.97	26.214	736.5	0
"2013-02-23	16:00:00"	13.22	201.5	16.78	22.47	10.73	201.6	18.42	18.3	57.63	59.42	-1.796	12.13	10.42	26.179	624.22	0
"2013-02-23	17:00:00"	14.7	204.5	14.44	24.86	11.57	204.8	16.57	21.28	59.52	60.64	-1.12	11.96	10.35	26.148	444.92	0
"2013-02-23	18:00:00"	15.47	211.9	13.77	26.05	12.78	208.9	15.63	20.68	61.07	61.53	-0.458	13.9	12.31	26.13	239.37	0
"2013-02-23	19:00:00"	13.06	219.4	13.26	24.86	10.51	217.4	14.7	19.49	59.6	59.83	-0.234	15.62	14.1	26.127	42.303	0
"2013-02-23	20:00:00"	11.92	215.9	12.94	18.3	9.23	215.6	15.23	15.31	56.21	56.28	-0.069	19.67	18.31	26.129	0.02348	0
"2013-02-23	21:00:00"	13.53	208.2	12.5	23.07	10.78	204.8	13.87	18.3	54.71	55.05	-0.348	20.12	18.73	26.129	0	0
"2013-02-23	22:00:00"	8.26	209.8	12.1	15.91	6.183	206	13.62	14.12	51.53	51.69	-0.153	23.51	22.32	26.13	0	0
"2013-02-23	23:00:00"	5.683	244	25.78	8.75	1.551	253.4	32.78	6.368	50.1	48.24	1.862	24.58	26.25	26.135	0	0
"2013-02-24	00:00:00"	5.451	221.9	24.03	8.16	1.016	227.8	46.15	3.386	48.89	46.63	2.26	25.87	28.76	26.122	0	0
"2013-02-24	01:00:00"	6.609	202.6	28.18	12.33	2.874	201.7	33.59	9.35	46.79	45.54	1.247	28.99	30.38	26.106	0	0
"2013-02-24	02:00:00"	7.269	215	18.79	12.33	5.101	215	22.04	8.75	44.65	43.95	0.698	33.04	33.43	26.095	0	0
"2013-02-24	03:00:00"	7.906	192.8	12.56	15.31	5.473	193.1	14.01	11.74	43.22	42.57	0.653	35.37	36.01	26.079	0	0
"2013-02-24	04:00:00"	7.946	192.6	12.01	11.74	5.503	196	14.63	9.35	42.02	41.47	0.545	36.21	36.62	26.063	0	0
"2013-02-24	05:00:00"	8.65	189.7	10.14	14.72	6.373	191.3	12.49	12.93	41.97	41.43	0.538	40.67	40.57	26.051	0	0
"2013-02-24	06:00:00"	10.39	186.7	9.93	18.3	8.01	189.6	12.73	14.12	42.6	42.33	0.265	45.75	45.35	26.045	0	0
"2013-02-24	07:00:00"	7.463	204.8	17.61	12.93	5.68	208.3	19.09	9.95	41.16	41.06	0.106	48.38	47.79	26.051	0	0
"2013-02-24	08:00:00"	5.514	241.6	11.23	8.16	3.893	253.5	13.72	6.964	39.94	39.4	0.535	49.43	50.1	26.059	22.93	0
"2013-02-24	09:00:00"	5.888	223.5	18.59	9.35	4.731	227.7	22.06	9.35	41.49	42.15	-0.665	48.17	47.03	26.074	195.5	0
"2013-02-24	10:00:00"	6.485	209.9	13.61	11.14	5.449	211.1	16.95	9.35	46.13	47.53	-1.397	41.45	39.2	26.077	401.34	0
"2013-02-24	11:00:00"	8.54	209.5	13.57	15.31	7.149	210.6	16.58	12.33	52.5	54.27	-1.776	31.98	29.74	26.068	588.64	0
"2013-02-24	12:00:00"	10.94	216.8	15.15	18.3	7.95	216	18.35	15.91	59.07	60.88	-1.808	22.23	20.14	26.055	729.12	0
"2013-02-24	13:00:00"	13.62	221.3	23.7	35.59	11.19	222.4	27.53	29.03	63.37	65.2	-1.824	15.45	13.46	26.018	806.93	0
"2013-02-24	14:00:00"	20.23	225.3	16.17	32.01	16.38	226.1	19.2	28.43	65.23	67.66	-2.429	11.66	9.43	25.977	811.66	0
"2013-02-24	15:00:00"	20.88	221.7	16.52	35	17.09	222.4	18.83	29.63	65.83	68.27	-2.437	11.23	9.02	25.945	729.43	0
"2013-02-24	16:00:00"	17.22	236.6	15.91	32.61	14.28	240.3	18.52	30.22	66.3	68.65	-2.345	10.86	8.73	25.918	614.1	0
"2013-02-24	17:00:00"	17.66	238.5	14.86	28.43	14.61	241.5	17.9	24.86	67.54	69.5	-1.96	8.96	7.007	25.895	428.79	0
"2013-02-24	18:00:00"	13.92	260.2	13.39	23.07	11.31	267	14.77	20.09	66.79	68.04	-1.251	9.72	8.01	25.88	188.8	0
"2013-02-24	19:00:00"	17.14	279.6	13.24	38.57	12.07	284.3	13.98	27.24	63.88	64.57	-0.69	13.1	11.6	25.901	23.891	0
"2013-02-24	20:00:00"	26.16	317	8.62	40.96	18.46	319.3	9.71	32.61	54.54	57.19	-2.657	28.54	25.11	25.945	0.00038	0
"2013-02-24	21:00:00"	24.66	317.3	7.14	36.19	17.84	320	8.87	31.42	49.78	51.88	-2.102	36.6	33.53	25.983	0	0
"2013-02-24	22:00:00"	22.1	320.6	7.639	37.38	16.45	323.2	8.86	29.03	47.38	49.17	-1.788	36.73	34.15	26.022	0	0
"2013-02-24	23:00:00"	15.65	323	8.28	27.84	11.57	324.6	9.23	23.66	46.1	47.3	-1.206	39.36	37.31	26.047	0	0
"2013-02-25	00:00:00"	10.22	29.65	25.2	17.1	8.28	32.57	27.58	15.31	43.04	44.32	-1.273	52	48.76	26.045	0	0
"2013-02-25	01:00:00"	6.547	66.11	26.62	11.14	5.132	67.35	32.9	9.95	40.17	40.79	-0.617	61.24	58.98	26.04	0	0
"2013-02-25	02:00:00"	8.21	341.9	44.46	12.33	5.613	342.3	44.82	10.54	38.53	39.32	-0.789	65.24	62.89	26.046	0	0
"2013-02-25	03:00:00"	10.47	308.8	10.87	17.7	6.253	312.4	11.79	15.31	36.77	37.01	-0.249	64.9	64.13	26.045	0	0
"2013-02-25	04:00:00"	9.92	318.5	9.64	14.12	6.377	321.1	11.1	11.74	34.31	34.96	-0.645	64.79	63.26	26.039	0	0
"2013-02-25	05:00:00"	14.37	347.2	16.34	26.05	11.29	346.1	15.91	23.66	34.34	35.44	-1.1	68.46	66.67	26.039	0	0
"2013-02-25	06:00:00"	22.55	1.655	13.41	32.61	18.09	357.9	17.29	28.43	31.96	35.09	-3.137	72.61	66.04	26.059	0	0
"2013-02-25	07:00:00"	21.34	342.6	9.38	35	16.97	341.5	10.53	31.42	31.68	33.94	-2.257	71.99	67.35	26.099	0	0
"2013-02-25	08:00:00"	24.04	329.7	8.17	37.38	18.68	330.6	9.55	33.21	31.25	33.61	-2.362	74.65	70.52	26.135	5.5547	0
"2013-02-25	09:00:00"	27.33	324.9	9.49	45.73	20.81	326.2	10.36	36.19	31.97	34.36	-2.384	73.8	69.67	26.166	76.016	0
"2013-02-25	10:00:00"	33.35	326.2	8.27	48.71	25.58	328.2	9.39	40.96	33.43	36.05	-2.624	72.12	68.01	26.185	213.43	0
"2013-02-25	11:00:00"	38	320	7.427	54.08	28.2	322.5	9.11	42.15	34.08	37.27	-3.192	67.67	61.48	26.211	240.93	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-25	12:00:00"	34.28	326.5	7.579	51.69	26.49	328	9.49	46.92	33.98	36.31	-2.33	67.68	64.93	26.242	273.36	0
"2013-02-25	13:00:00"	34.27	331.3	8.65	46.92	27.04	332.2	10.14	40.96	39.6	43.31	-3.713	44.68	41.04	26.235	724.3	0
"2013-02-25	14:00:00"	35.17	338.8	10.76	48.12	27.87	338.2	11.98	43.35	41.37	45.53	-4.163	37.27	32.49	26.223	777.25	0
"2013-02-25	15:00:00"	31.83	340.3	11.08	50.5	25.55	339.7	11.95	42.15	42.34	46.41	-4.071	34.69	30.08	26.221	695.4	0
"2013-02-25	16:00:00"	27.64	338.9	10.24	42.75	22.17	338.2	11.43	36.19	43.96	48.3	-4.345	32.83	28.1	26.223	612.8	0
"2013-02-25	17:00:00"	26.17	335.7	9.25	37.38	20.7	335.8	10.92	31.42	45.19	49.36	-4.171	29.98	25.63	26.227	439.34	0
"2013-02-25	18:00:00"	24.51	336.5	9.16	37.98	19.44	336.5	10.18	32.01	45.33	48.87	-3.548	25.09	21.62	26.236	241.65	0
"2013-02-25	19:00:00"	15.28	352.7	13.43	26.05	11.8	350.3	13.21	22.47	43.85	47.69	-3.838	28.37	24.22	26.237	45.49	0
"2013-02-25	20:00:00"	9.58	9.34	9.92	14.72	6.861	7.481	12.87	11.14	39.66	42.86	-3.192	38	33.74	26.249	0.04113	0
"2013-02-25	21:00:00"	9.08	20.42	3.949	12.33	5.956	21.56	8.28	8.75	36.01	38.35	-2.342	44.55	41.26	26.252	0	0
"2013-02-25	22:00:00"	8.26	8.84	5.769	11.74	4.353	3.239	10.15	7.561	34	34.72	-0.718	49.31	47.44	26.256	0	0
"2013-02-25	23:00:00"	5.13	347.6	19.45	8.75	2.433	330.5	23.47	4.578	33.28	30.93	2.35	51.93	55.26	26.258	0	0
"2013-02-26	00:00:00"	7.594	333.4	25.62	9.35	4.346	329.3	23.31	6.368	35.03	29.8	5.234	49.31	58.9	26.248	0.00029	0
"2013-02-26	01:00:00"	5.153	277.9	15.58	8.16	2.721	289.6	16.17	6.368	33.12	30.2	2.919	52.53	57.71	26.236	0.00058	0
"2013-02-26	02:00:00"	4.859	292.8	16.32	6.964	2.31	316.6	33.07	5.771	31.87	29.24	2.629	55.16	59.81	26.222	0.0001	0
"2013-02-26	03:00:00"	3.076	296.5	44.77	5.175	2.596	325	55.7	4.578	32.59	27.89	4.702	53.06	61.6	26.203	0.00077	0
"2013-02-26	04:00:00"	1.617	255.1	33.41	3.386	2.206	5.223	30.34	4.578	33.88	27.31	6.567	49.4	62.06	26.192	0.00173	0
"2013-02-26	05:00:00"	2.252	243.4	30.29	3.982	1.255	252.4	77.8	3.386	33.28	30.88	2.397	50.34	53.98	26.185	0.00048	0
"2013-02-26	06:00:00"	1.66	217.6	38.69	5.175	1	23	43.84	1	33.47	30.21	3.267	49.28	55.11	26.176	0.00269	0
"2013-02-26	07:00:00"	2.753	210.1	30.32	5.175	1.005	173.2	85.8	2.193	31.9	28.9	3.001	52.48	58.55	26.179	0.02908	0
"2013-02-26	08:00:00"	2.129	215.4	41.74	3.982	1	329.1	94.6	1	31.31	28.53	2.777	53.72	59.3	26.189	26.659	0
"2013-02-26	09:00:00"	4.126	164.7	17.53	9.95	2.611	133.5	45.52	9.35	32	32.17	-0.165	55.41	58.81	26.211	205.66	0
"2013-02-26	10:00:00"	9.14	172.9	9.53	14.12	6.177	172.5	11.29	12.33	38.24	40.5	-2.262	43.25	41.41	26.217	415.45	0
"2013-02-26	11:00:00"	8.26	210.9	18.26	12.93	2.583	212.1	20.79	11.14	44.36	47.83	-3.472	31.87	28.77	26.212	604.72	0
"2013-02-26	12:00:00"	9.17	242.4	14	14.72	4.002	246.4	16.2	12.93	48.59	52.15	-3.555	27.58	24.11	26.201	746.5	0
"2013-02-26	13:00:00"	9.78	246	22.7	18.89	7.854	250.4	24.66	16.51	55.66	58.54	-2.876	17.81	15.52	26.176	827.97	0
"2013-02-26	14:00:00"	11.15	234.6	24.34	21.28	9.21	237	27.29	18.89	59.03	62.37	-3.346	13.99	11.64	26.146	837.62	0
"2013-02-26	15:00:00"	9.25	240.3	22.04	16.51	7.73	246	24.44	15.31	60.99	64.88	-3.885	9.18	6.967	26.111	757.57	0
"2013-02-26	16:00:00"	11.04	220.6	21.78	21.28	9.16	222.4	25.28	19.49	62.22	65.22	-2.998	8.73	6.597	26.093	644.1	0
"2013-02-26	17:00:00"	12.67	215.4	17.82	22.47	10.37	215.9	20.73	18.89	63.2	65.21	-2.009	8.69	6.753	26.074	460.38	0
"2013-02-26	18:00:00"	15.75	219.1	16.14	26.65	12.91	219.2	17.87	23.66	64.09	65.95	-1.86	9.11	7.141	26.057	250.23	0
"2013-02-26	19:00:00"	13.91	228.5	14.02	25.45	11.3	231.3	16.83	21.87	62.21	63.36	-1.152	9.73	7.929	26.065	47.006	0
"2013-02-26	20:00:00"	10.85	238.9	11.6	16.51	8.32	244.2	13.31	14.12	57.69	58.19	-0.496	12.06	10.6	26.09	0.0458	0
"2013-02-26	21:00:00"	16.68	307.1	41.25	33.8	12.24	309.5	37.6	26.65	53.69	54.41	-0.723	16.38	14.76	26.133	0	0
"2013-02-26	22:00:00"	19.91	350	10.41	31.42	14.38	347.9	11.31	26.05	48.73	50.04	-1.303	19.32	17.52	26.191	0	0
"2013-02-26	23:00:00"	20.94	348	10.19	29.03	15.39	346.2	10.35	24.26	46.55	47.03	-0.486	15	13.81	26.227	0	0
"2013-02-27	00:00:00"	21.43	342	8.24	32.01	15.97	341.1	9.15	26.05	44.69	45.19	-0.496	14.36	13	26.255	0	0
"2013-02-27	01:00:00"	15.76	1.652	13.63	24.86	11.33	357.1	13.83	21.87	39.49	42.04	-2.547	39.33	34.29	26.29	0	0
"2013-02-27	02:00:00"	12.7	2.588	12.93	20.68	9.03	359.1	13.43	17.7	35.52	38.24	-2.729	55.56	50.04	26.323	0	0
"2013-02-27	03:00:00"	13.99	354.5	13.39	23.07	9.81	351.3	12.7	18.3	34.13	35.7	-1.572	57.5	53.83	26.347	0	0
"2013-02-27	04:00:00"	10.86	345.7	10.46	17.1	8.28	344.1	11.06	15.31	33.25	33.79	-0.533	62.45	60.94	26.368	0	0
"2013-02-27	05:00:00"	11.31	347.3	11.48	17.1	7.871	345.3	10.9	12.93	32.51	34.22	-1.718	64.4	60.94	26.378	0	0
"2013-02-27	06:00:00"	11.66	345.2	7.893	17.7	8.02	343.5	9.41	13.52	31.54	31.97	-0.437	65.75	64.74	26.407	0	0
"2013-02-27	07:00:00"	15.29	358.6	12.58	20.68	10.71	354.7	14.77	16.51	32.59	35.01	-2.42	60.6	57.2	26.431	0.00038	0
"2013-02-27	08:00:00"	17.02	0.075	14.01	25.45	12.19	356.3	13.47	19.49	33.28	36.31	-3.027	55.77	50.65	26.45	29.104	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-02-27	09:00:00"	20.46	356	14	31.42	14.83	352.7	13.56	25.45	36.5	40.01	-3.516	48.31	42.79	26.484	211.89	0.01
"2013-02-27	10:00:00"	17.11	41	89.2	61.83	15.63	3.019	14.39	26.05	39.38	43.54	-4.162	44.8	38.29	26.526	417.13	0
"2013-02-27	11:00:00"	17.66	18.88	30.08	26.05	13.92	10.36	52.25	81.5	41.22	46.1	-4.873	41.9	35.57	26.548	601.93	0.1
"2013-02-27	12:00:00"	17.87	7.201	14.65	26.05	14.58	4.041	18.4	22.47	42.96	48.72	-5.765	38.84	32.33	26.557	738.78	0
"2013-02-27	13:00:00"	16.78	11.29	16.42	26.65	14	8.26	20.01	23.66	44.64	51.68	-7.046	35.11	27.82	26.55	815.94	0
"2013-02-27	14:00:00"	14.99	8.25	16.72	25.45	12.63	4.374	20.83	24.26	45.95	53.53	-7.572	31.09	24.12	26.536	822.28	0
"2013-02-27	15:00:00"	13.62	18.39	17.83	22.47	11.68	17.29	21.75	19.49	47.01	54.3	-7.293	27.47	21.24	26.515	742.63	0
"2013-02-27	16:00:00"	12.88	22.57	19.55	21.87	10.82	21.41	22.9	19.49	47.7	55.18	-7.484	25.46	19.17	26.508	599.7	0
"2013-02-27	17:00:00"	11.63	25.65	14.54	18.89	9.42	24.86	18.49	18.3	47.33	53.82	-6.487	21.58	16.56	26.511	352.24	0
"2013-02-27	18:00:00"	12.79	30.32	12.58	20.68	10.51	30.18	15.73	19.49	46.68	52.08	-5.406	27.27	21.84	26.51	214.13	0
"2013-02-27	19:00:00"	11.27	42.62	10.07	17.1	8.93	43.87	11.39	14.72	44.89	47.41	-2.512	32.12	28.64	26.519	42.634	0
"2013-02-27	20:00:00"	9.19	50.62	7.483	13.52	6.212	53.98	9.06	11.14	41.61	41.57	0.044	38.32	37.02	26.534	0.03892	0
"2013-02-27	21:00:00"	9.84	52.55	6.887	14.12	6.611	56.41	9.13	9.95	38.86	38.83	0.029	43.58	42.15	26.541	0	0
"2013-02-27	22:00:00"	10.05	49.69	7.353	13.52	7.123	53.11	9.27	10.54	37.36	37.38	-0.021	47.53	46.37	26.546	0	0
"2013-02-27	23:00:00"	8.54	55.62	7.763	11.74	5.491	60.1	11.31	8.75	34.46	33.93	0.535	53.21	52.3	26.553	0	0
"2013-02-28	00:00:00"	8.04	70.9	8.46	11.74	4.965	69.61	9.96	7.561	33.04	32.13	0.909	56.98	57.06	26.556	0	0
"2013-02-28	01:00:00"	9.26	67.66	6.537	11.74	5.429	61.47	8.76	8.16	34.38	32.57	1.81	56.64	58.39	26.554	0	0
"2013-02-28	02:00:00"	8.6	76.92	3.733	10.54	4.872	68.24	7.808	6.964	34.42	32.47	1.944	57.23	59.23	26.549	0	0
"2013-02-28	03:00:00"	6.514	76.34	5.332	8.75	3.55	63.26	8.72	5.771	33.97	32.11	1.866	58.15	60.19	26.546	0	0
"2013-02-28	04:00:00"	6.092	86.8	6.076	6.964	3.652	59.02	10.67	5.175	34.35	31.18	3.169	58.3	62.06	26.531	0	0
"2013-02-28	05:00:00"	4.789	70.69	5.754	5.771	1.926	25.85	10.47	5.175	35.09	29.31	5.78	56.63	65	26.519	0.00077	0
"2013-02-28	06:00:00"	5.382	53.3	41.84	17.1	4.1	13.21	39.42	14.72	33.64	28.49	5.153	58.44	65.92	26.518	0.00019	0
"2013-02-28	07:00:00"	5.893	279.1	10.91	11.74	2.764	289.9	15.67	8.75	28.78	27.2	1.583	66.08	68.39	26.543	0.02524	0
"2013-02-28	08:00:00"	5.924	305.4	12.47	8.16	1.005	302.6	17.28	2.193	28.15	26.89	1.26	67.21	69.29	26.554	29.684	0
"2013-02-28	09:00:00"	5.638	304.4	10.14	8.16	3.154	304.7	13.1	6.368	32.36	33.2	-0.844	64.1	64.16	26.582	207.41	0
"2013-02-28	10:00:00"	6.24	266.1	14.26	9.95	4.884	267.7	15.41	8.16	38.5	40.36	-1.857	50.58	47.23	26.601	417.21	0
"2013-02-28	11:00:00"	5.19	231.2	28.99	10.54	4.079	234.3	33.74	9.35	41.66	43.43	-1.767	40.06	37.02	26.609	605.27	0
"2013-02-28	12:00:00"	4.438	228.7	43.99	9.95	3.424	232.6	50.61	8.75	44.29	46.56	-2.269	33.14	30.3	26.604	746.33	0
"2013-02-28	13:00:00"	5.914	253.8	41.69	13.52	4.654	256.9	41.53	11.74	46.48	49.75	-3.276	30.45	26.94	26.585	821.84	0
"2013-02-28	14:00:00"	7.431	237.3	30.07	14.72	5.884	238.6	36.92	14.72	48.81	52.83	-4.02	28.37	24.29	26.549	825.57	0
"2013-02-28	15:00:00"	8.85	267.1	27.44	17.7	6.747	270.7	28.09	17.7	50.98	54.73	-3.747	24.53	20.92	26.526	743.43	0
"2013-02-28	16:00:00"	10.51	275	24.88	24.26	7.931	276.7	27.28	23.07	52.56	56.1	-3.543	21.49	18.24	26.512	626.84	0
"2013-02-28	17:00:00"	13.05	297	14.05	21.87	8.68	299	15.89	20.09	53.74	57.61	-3.87	16.91	13.98	26.503	452.62	0
"2013-02-28	18:00:00"	12.39	289.8	14.33	20.09	8.2	292.6	15.13	16.51	53.92	56.78	-2.854	16.46	13.95	26.501	244.81	0
"2013-02-28	19:00:00"	9.99	299	11.68	15.91	5.609	302.7	12.87	12.93	52.76	53.61	-0.847	14.77	13.38	26.505	49.537	0
"2013-02-28	20:00:00"	6.21	304	5.932	8.75	1.988	314.7	7.42	5.175	50.07	46.63	3.442	16.14	17.16	26.506	0.05425	0
"2013-02-28	21:00:00"	8.53	318.3	13.6	11.74	3.799	324.6	8.54	6.964	48.42	43.58	4.834	17.78	21.25	26.511	0	0
"2013-02-28	22:00:00"	8.63	352.5	11.17	11.74	3.88	355.3	17.22	6.964	45.15	39.94	5.205	21.28	26.03	26.518	0	0
"2013-02-28	23:00:00"	7.829	352.3	40.25	12.33	4.683	345.9	48.38	9.35	42.31	38.34	3.974	24.08	28.74	26.519	0	0
"2013-03-01	00:00:00"	7.53	3.751	19.41	11.74	3.912	347.4	33.69	7.561	37.22	36.84	0.378	31.19	31.63	26.513	0	0
"2013-03-01	01:00:00"	5.503	34.19	36.46	9.95	2.936	16.52	52.15	6.368	37.29	35.65	1.636	37.81	36.51	26.5	0	0
"2013-03-01	02:00:00"	3.756	69.44	91.5	8.16	2.185	308.6	60.08	5.771	37.07	34.09	2.982	45.66	45.01	26.497	0	0
"2013-03-01	03:00:00"	3.365	268.8	34.18	5.175	1.843	289.1	48.34	5.175	36.82	33.35	3.466	45.16	47.64	26.494	0	0
"2013-03-01	04:00:00"	8.19	327	18.62	9.95	4.529	339	19.3	5.771	35.05	29.92	5.126	46.48	53.39	26.472	0	0
"2013-03-01	05:00:00"	9.23	344.9	6.533	13.52	4.799	351.5	10.66	7.561	34.78	28.05	6.736	45.29	54.19	26.465	0	0

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-03-01	06:00:00"	8.69	351.3	8.62	14.12	5.128	2.695	13.99	9.35	35.14	29.68	5.464	47.17	54.47	26.475	0	0	
"2013-03-01	07:00:00"	8.44	7.267	8.91	10.54	5.046	12.11	7.993	6.964	30.48	27.61	2.864	56.68	60.84	26.483	0.02678	0	
"2013-03-01	08:00:00"	11.19	356	12.66	18.3	7.994	352	11.14	15.31	31.05	30.08	0.965	56	58.85	26.494	31.924	0	
"2013-03-01	09:00:00"	17.27	355.3	13.03	23.07	13.89	350.5	10.41	21.28	36.04	38.24	-2.201	39.59	37.5	26.524	215.14	0	
"2013-03-01	10:00:00"	17.5	3.034	14.08	22.47	14.26	357.4	14.27	20.09	40.64	44.48	-3.843	37.55	33.37	26.563	426.46	0	
"2013-03-01	11:00:00"	14.89	13.99	12.32	21.28	12.44	11.27	16.68	18.3	45.35	49.12	-3.764	32.87	28.96	26.59	615.72	0	
"2013-03-01	12:00:00"	15.04	13.68	11.32	23.66	12.11	10.82	16.81	20.68	50.32	56.08	-5.755	25.82	21.38	26.592	757.57	0	
"2013-03-01	13:00:00"	17.52	11.11	12.7	26.05	14.5	7.416	17.14	23.66	53.8	59.95	-6.151	18.74	14.64	26.59	834.72	0	
"2013-03-01	14:00:00"	15.49	2.439	19.38	30.22	12.06	358.8	20.56	29.03	55.7	61.24	-5.541	17.17	13.53	26.571	837.33	0	
"2013-03-01	15:00:00"	17.26	349	16.88	26.65	13.85	345.7	16.84	23.66	57.43	62.26	-4.829	14.04	11	26.556	754.39	0	
"2013-03-01	16:00:00"	16.97	1.668	15.53	30.22	13.65	357.5	18.03	25.45	58.02	62.87	-4.848	13.19	10.1	26.553	643.26	0	
"2013-03-01	17:00:00"	15.75	358.1	15.17	26.65	12.72	354	17.03	22.47	58.61	62.14	-3.533	11.38	8.88	26.552	461.89	0	
"2013-03-01	18:00:00"	12.15	7.818	14.21	20.68	9.85	4.058	17.97	21.28	58.08	60.75	-2.67	12.45	10.18	26.554	252.08	0	
"2013-03-01	19:00:00"	9.6	16.34	8.83	15.91	7.11	12.25	13.36	15.31	55.59	56.31	-0.719	14.92	13.54	26.563	51.943	0	
"2013-03-01	20:00:00"	8.99	27.75	11.21	12.33	5.139	26.11	12.04	9.35	52.29	49.13	3.158	16.2	18.06	26.565	0.07849	0	
"2013-03-01	21:00:00"	7.024	41.33	7.177	11.14	3.349	21.11	18.5	8.16	48.66	44.92	3.744	20.37	22.1	26.561	0	0	
"2013-03-01	22:00:00"	7.038	54.33	7.405	8.75	2.516	35.74	14.92	6.368	47.24	42.71	4.534	22.24	25.62	26.574	0	0	
"2013-03-01	23:00:00"	5.91	48.15	6.825	7.561	1.36	23.74	9.76	3.982	44.95	40.07	4.882	25.12	29.11	26.585	0	0	
"2013-03-02	00:00:00"	7.545	35.56	7.227	9.95	3.35	14.87	10.01	6.964	41.96	38.31	3.647	28.11	31.89	26.596	0	0	
"2013-03-02	01:00:00"	7.331	35.97	5.092	9.35	1.044	15.33	10.78	4.578	40.3	36.97	3.326	30.75	34.39	26.604	0	0	
"2013-03-02	02:00:00"	6.531	35.72	4.122	8.16	1	12.09	7.585	1	39.9	35.01	4.889	31.66	37.03	26.615	0	0	
"2013-03-02	03:00:00"	6.949	19.27	7.854	9.35	1	6.099	5.567	1	41.36	34.23	7.129	31.39	39.16	26.622	0	0	
"2013-03-02	04:00:00"	7.295	23.58	22.55	11.74	1.895	19.4	30.82	8.75	40.86	33.91	6.955	33.21	42.14	26.619	0	0	
"2013-03-02	05:00:00"	7.496	31.43	6.549	10.54	5.114	22.56	11.26	8.16	32.16	32.82	-0.655	48.02	46.15	26.628	0	0	
"2013-03-02	06:00:00"	6.596	41.17	6.646	8.16	4.658	21.51	12.42	6.368	32.71	28.97	3.744	48.46	54.24	26.63	0.0001	0	
"2013-03-02	07:00:00"	5.503	40.57	8.02	9.35	4.112	17.89	18.39	7.561	32.4	29.88	2.525	49.91	53.57	26.641	0.02706	0	
"2013-03-02	08:00:00"	4.659	31.32	9.46	6.368	3.895	2.931	11.04	5.175	33.28	27.87	5.41	50.31	59.38	26.659	34.027	0	
"2013-03-02	09:00:00"	2.565	184.8	70.75	5.771	1.516	212.9	74.01	4.578	36.56	37.14	-0.574	47.11	46.99	26.693	218.85	0	
"2013-03-02	10:00:00"	4.899	232.1	19.19	6.964	4.363	233.5	21.29	6.964	41.68	43.94	-2.261	39.16	36.22	26.706	427.39	0	
"2013-03-02	11:00:00"	6.049	244.6	12.02	9.35	5.404	245.6	14.19	9.35	47.3	50.51	-3.217	31.04	27.63	26.699	614.43	0	
"2013-03-02	12:00:00"	6.243	245.2	23.46	10.54	5.228	247.3	29.03	8.75	52.5	55.55	-3.045	26.41	23.21	26.689	754.68	0	
"2013-03-02	13:00:00"	5.58	239.7	28.08	11.74	4.902	241.9	31.49	12.93	55.89	58.43	-2.538	21.95	19.16	26.67	831.69	0	
"2013-03-02	14:00:00"	7.762	239.3	28.12	15.31	6.506	239.4	32.67	13.52	57.91	60.4	-2.488	20	17.3	26.637	831.53	0	
"2013-03-02	15:00:00"	6.957	216.1	35.06	16.51	5.585	213.4	35.58	15.91	59.43	62.81	-3.382	18.97	15.89	26.604	748.57	0	
"2013-03-02	16:00:00"	6.941	221.3	38.57	15.91	5.526	222.6	39.22	11.74	60.75	64.33	-3.583	17.95	14.9	26.581	627.4	0	
"2013-03-02	17:00:00"	7.058	215.9	26.05	14.12	5.827	214.9	29.38	11.14	61.73	64.85	-3.117	17.51	14.62	26.561	437.72	0	
"2013-03-02	18:00:00"	7.676	219.2	19.37	13.52	6.276	218.3	23	10.54	61.83	64.18	-2.353	17.53	14.96	26.551	254.68	0	
"2013-03-02	19:00:00"	7.363	197.3	14.98	12.33	5.07	196.8	15.47	9.95	60.36	61.51	-1.153	18.77	16.87	26.543	53.635	0	
"2013-03-02	20:00:00"	6.002	178.3	7.224	8.16	2.377	179.5	9.05	6.368	56.7	56	0.696	20.89	20.23	26.537	0.10185	0	
"2013-03-02	21:00:00"	5.745	175.5	7.821	8.16	2.344	177.6	9.67	6.368	54.78	53.73	1.053	21.86	21.52	26.531	0	0	
"2013-03-02	22:00:00"	7.327	169.8	9.03	11.74	4.457	168.6	10.85	9.35	53.11	51.93	1.176	22.64	22.62	26.527	0	0	
"2013-03-02	23:00:00"	7.512	178.6	8.83	12.33	4.931	178.7	9.75	8.75	50.44	50.04	0.402	24.47	23.86	26.522	0	0	
"2013-03-03	00:00:00"	5.895	183.1	8.87	10.54	3.501	180.6	9.83	6.368	47.98	46.91	1.069	26.87	27.03	26.509	0	0	
"2013-03-03	01:00:00"	6.67	186.2	6.858	9.95	4.191	186.3	7.796	6.368	46.36	45.18	1.185	28.22	28.72	26.485	0	0	
"2013-03-03	02:00:00"	6.891	189.5	6.531	9.35	4.427	192.9	9.4	6.964	45.28	44.31	0.972	28.74	28.91	26.469	0	0	

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ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-03-03	03:00:00"	6.619	185.4	8.64	9.95	4.299	185.8	9.56	7.561	44.85	43.89	0.964	28.85	29.06	26.449	0	0
"2013-03-03	04:00:00"	6.785	199.1	12.25	8.75	4.731	204.7	12.67	6.964	43.21	42.9	0.317	30.21	29.61	26.43	0	0
"2013-03-03	05:00:00"	6.895	213.6	11.67	9.95	5.19	212.3	13.13	8.16	42.86	42.64	0.228	30.07	29.32	26.409	0	0
"2013-03-03	06:00:00"	7.54	209.2	10.94	11.14	5.794	206.4	12.47	9.35	42.13	41.97	0.16	30.47	29.6	26.392	0	0
"2013-03-03	07:00:00"	7.185	213.3	11.86	11.74	6.046	211.3	14.68	9.95	41.05	41.13	-0.078	31.45	30.33	26.387	0.01295	0
"2013-03-03	08:00:00"	7.969	215	11.4	12.93	6.115	216.8	13.74	10.54	40.36	40.64	-0.274	32.3	31.07	26.384	32.297	0
"2013-03-03	09:00:00"	8.05	214	13.2	12.33	6.743	208.6	14.65	10.54	40.29	41.19	-0.9	33.87	32.07	26.38	120.39	0
"2013-03-03	10:00:00"	8.81	214.4	11.93	14.12	7.45	213.9	14.9	11.74	46.99	48.43	-1.444	29.05	27.02	26.382	436.62	0
"2013-03-03	11:00:00"	9.97	213.7	13	16.51	8.4	210.6	16.01	14.72	56.2	58.6	-2.4	21.97	19.29	26.37	641.28	0
"2013-03-03	12:00:00"	11.23	215.1	13.37	16.51	9.47	213	16.84	15.91	63.42	64.85	-1.425	17.72	15.56	26.34	771.24	0
"2013-03-03	13:00:00"	14.62	213.4	14.82	24.86	12.03	210.7	16.87	22.47	69.67	71.15	-1.479	14.12	11.99	26.303	861.69	0
"2013-03-03	14:00:00"	16.52	218.1	14.45	27.24	13.52	216.6	18.46	21.87	74.52	75.76	-1.245	10.66	8.65	26.251	749.69	0
"2013-03-03	15:00:00"	19.61	237.4	17.66	33.8	16.38	238.3	21.64	30.22	77.92	79.24	-1.327	7.126	5.179	26.205	814.61	0
"2013-03-03	16:00:00"	20.78	256.4	14.01	32.01	17	260.9	16.18	28.43	79.07	80.1	-1.051	5.442	3.557	26.177	484.99	0
"2013-03-03	17:00:00"	22.31	246.7	12.21	36.78	18.14	249.3	14.77	31.42	77.62	78.25	-0.631	6.026	4.19	26.164	316.31	0
"2013-03-03	18:00:00"	22.38	243.7	10.37	33.21	18.8	246.8	12.16	32.01	76.8	77.29	-0.484	6.139	4.341	26.157	230.14	0
"2013-03-03	19:00:00"	14.73	242.3	11.84	27.84	11.97	244.9	13.68	23.66	74.64	74.59	0.042	6.348	4.682	26.162	55.357	0
"2013-03-03	20:00:00"	9.73	226.4	13.41	17.1	7.529	224	14.28	12.93	68.61	68.28	0.332	8.79	7.275	26.159	0.03582	0
"2013-03-03	21:00:00"	8.4	232.1	11.64	15.31	5.622	232.3	14.03	11.14	65.98	65.59	0.393	9.63	8.25	26.16	0	0
"2013-03-03	22:00:00"	7.383	227.4	15.09	15.31	5.277	222.7	19.12	12.33	63.15	62.29	0.862	10.68	9.64	26.159	0	0
"2013-03-03	23:00:00"	12.64	247.4	11.2	20.68	9.56	250.8	14.18	20.68	64.13	63.28	0.853	9.57	8.42	26.158	0	0
"2013-03-04	00:00:00"	15.81	253.1	9.5	22.47	12.38	258.6	12.46	19.49	65.98	65.3	0.688	8.69	7.38	26.147	0	0
"2013-03-04	01:00:00"	16.55	262.6	10.52	26.05	13.08	266.6	11.15	24.26	67.12	66.5	0.615	9.11	7.709	26.145	0	0
"2013-03-04	02:00:00"	14.85	276.6	10.79	24.86	10.74	279.5	12.64	21.87	65.71	65.34	0.376	11.24	9.9	26.151	0	0
"2013-03-04	03:00:00"	12.68	282.7	11.31	19.49	8.04	286.2	13.4	15.91	63.12	62.18	0.941	14.24	13.25	26.153	0	0
"2013-03-04	04:00:00"	10.87	265	16.72	19.49	7.407	270.6	18.66	15.91	62.83	61.05	1.777	15.54	15.03	26.143	0	0
"2013-03-04	05:00:00"	10.16	242.8	14.35	20.68	7.889	244	18.63	16.51	65.24	64.24	0.993	15.31	14.28	26.133	0	0
"2013-03-04	06:00:00"	5.412	295.2	33.21	11.74	4.099	311.2	38.83	9.95	63.23	60.59	2.646	16.34	16.53	26.143	0	0
"2013-03-04	07:00:00"	8.57	277.8	14.17	16.51	4.913	282	17.52	12.93	62.04	59.01	3.033	17.6	18.1	26.158	0	0
"2013-03-04	08:00:00"	7.728	301.1	16.9	14.12	3.564	311.5	19.66	9.95	59.36	56.4	2.959	20.74	21.76	26.166	13.893	0
"2013-03-04	09:00:00"	5.589	234.4	19.42	8.75	3.968	235.2	24.4	8.16	58.82	58.23	0.585	21.75	21.17	26.18	167.49	0
"2013-03-04	10:00:00"	17.92	262.5	13.86	33.21	14.51	265.9	14.95	28.43	68.74	69.38	-0.636	17.04	15.49	26.184	412.64	0
"2013-03-04	11:00:00"	26.55	268.7	9.53	41.56	21.15	272.6	10.18	35.59	72.79	74.76	-1.976	11.37	9.28	26.171	528.93	0
"2013-03-04	12:00:00"	26.01	263.7	10.44	40.36	21.42	268.6	11.45	36.19	74.18	75.95	-1.777	8.75	6.695	26.156	769.12	0
"2013-03-04	13:00:00"	23.12	254.9	14.02	37.98	18.93	258.6	16.49	32.61	75.45	77.24	-1.78	8.11	6.049	26.135	842.86	0
"2013-03-04	14:00:00"	23.69	249.5	15.65	36.78	19.61	253.4	18.26	33.8	76.36	78.03	-1.662	10.59	8.42	26.106	856.47	0
"2013-03-04	15:00:00"	23.65	263.3	12.23	37.98	19.29	267.6	13.44	34.4	77.09	78.91	-1.82	13.78	11.46	26.079	757.56	0
"2013-03-04	16:00:00"	26.14	265.1	11.53	41.56	20.9	269.8	12.5	33.8	77.12	78.43	-1.312	13.95	11.79	26.072	516.02	0
"2013-03-04	17:00:00"	27.6	280.1	10.35	41.56	19.88	283.3	11.62	35	76.74	78.3	-1.568	12.67	10.6	26.074	375.44	0
"2013-03-04	18:00:00"	23.06	271.7	10.58	38.57	17.89	275.3	11.83	31.42	76.74	77.48	-0.744	10.23	8.37	26.075	222.48	0
"2013-03-04	19:00:00"	13.96	264.6	10.37	29.03	10.98	269.9	10.31	24.26	75.12	74.86	0.264	11.49	9.93	26.084	33.356	0
"2013-03-04	20:00:00"	17.46	269.5	10.54	27.24	13.62	273.4	11.2	24.26	73.66	73.26	0.4	12.78	11.31	26.106	0.08045	0
"2013-03-04	21:00:00"	22.23	292.2	9.98	37.38	13.53	295.2	11.09	24.86	71.78	71.63	0.151	11.5	10.06	26.146	0	0
"2013-03-04	22:00:00"	13.63	351.4	15.71	29.03	10.53	347.4	14.54	23.07	66.24	66.3	-0.067	18.29	16.8	26.208	0	0
"2013-03-04	23:00:00"	10.53	331.6	11.26	17.1	7.578	330	12.1	13.52	63.7	62.95	0.744	19.51	18.6	26.259	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-05	00:00:00"	18.67	345.5	13.53	49.91	14.23	342.9	14.22	42.15	59.63	59.08	0.542	23.31	22.22	26.294	0	0
"2013-03-05	01:00:00"	34.74	25.59	7.85	49.31	28.3	24.58	13.19	43.35	51.32	54.07	-2.754	48.41	41.15	26.368	0	0
"2013-03-05	02:00:00"	31.61	32.47	7.211	43.35	26.3	31.94	9.76	39.17	42.92	45.59	-2.667	53.08	45.95	26.45	0	0
"2013-03-05	03:00:00"	30	35.9	7.928	43.35	24.8	36.24	10.09	38.57	40.25	42.42	-2.165	56.04	50.45	26.493	0	0
"2013-03-05	04:00:00"	22.9	42.14	7.249	35	18.76	42.13	8.66	32.01	38.07	39.19	-1.124	56.64	53.3	26.519	0	0
"2013-03-05	05:00:00"	18.68	35.27	8.39	30.22	15.5	34.96	10.59	26.65	36.76	37.48	-0.716	57.8	55.39	26.558	0	0
"2013-03-05	06:00:00"	14.91	23.2	7.089	24.86	12.32	21.29	10.91	20.09	35.41	36.1	-0.696	59.09	56.96	26.602	0	0
"2013-03-05	07:00:00"	13.23	17.9	6.596	22.47	10.64	14.16	12.33	19.49	34.01	34.67	-0.656	60.1	58.1	26.635	0.03224	0
"2013-03-05	08:00:00"	5.711	327.6	31.5	11.74	4.201	321.5	30.69	9.95	32.59	32.62	-0.036	64.99	63.58	26.673	40.123	0
"2013-03-05	09:00:00"	10.16	355.1	16.7	17.1	8.45	351	16.95	15.31	35.53	37.23	-1.693	59.96	56.21	26.696	227.51	0
"2013-03-05	10:00:00"	10.89	30.27	14.66	17.7	9.3	29.17	18.62	15.91	38.18	41.06	-2.885	45.18	40.76	26.711	439.87	0
"2013-03-05	11:00:00"	10.71	38.23	20.35	17.7	9.18	37.96	23.54	15.91	40.49	42.76	-2.266	37.05	33.33	26.71	627.89	0
"2013-03-05	12:00:00"	9.46	43.18	25.6	17.7	8.18	42.42	28.01	16.51	43.08	44.82	-1.741	32.91	29.91	26.704	770.49	0
"2013-03-05	13:00:00"	7.579	51.48	28.52	14.72	6.019	52.66	31.3	14.72	45.81	49.53	-3.72	29.57	25.68	26.692	845.79	0
"2013-03-05	14:00:00"	6.089	48.16	51.36	14.72	5.253	43.43	57.44	14.12	47.69	49.72	-2.029	27.77	24.86	26.665	853.13	0
"2013-03-05	15:00:00"	5.193	67.88	63.85	11.74	4.363	71.79	66.29	11.14	49.54	51.08	-1.539	26.73	24.13	26.635	737.04	0
"2013-03-05	16:00:00"	6.789	129.1	32.39	12.93	5.736	128.9	33.55	11.74	51.38	55.49	-4.115	25.8	21.76	26.618	653.82	0
"2013-03-05	17:00:00"	6.711	138.2	35.59	12.93	5.785	137	39.68	11.14	52.28	57.29	-5.003	25.09	20.45	26.609	445.92	0
"2013-03-05	18:00:00"	7.503	140.8	26.53	12.93	6.326	139.5	28.73	11.74	52.54	56.18	-3.645	24.6	20.8	26.601	248.42	0
"2013-03-05	19:00:00"	7.838	124.8	11.24	11.74	6.065	123.9	11.69	9.95	51.52	54.35	-2.83	25.17	21.93	26.594	51.344	0
"2013-03-05	20:00:00"	8.27	123.6	3.744	9.95	4.711	122.8	6.105	6.964	47.72	47.76	-0.043	27.78	26.49	26.592	0.074	0
"2013-03-05	21:00:00"	9.15	125.5	4.566	11.74	5.636	123.6	6.574	7.561	44.98	45.56	-0.579	30.2	28.89	26.601	0	0
"2013-03-05	22:00:00"	9.33	136.4	6.559	12.33	6.525	133.2	7.581	9.95	44.2	45.07	-0.878	31.66	30.18	26.62	0	0
"2013-03-05	23:00:00"	9.12	123.8	8.2	11.74	5.646	116.3	14.87	8.16	42.62	43.34	-0.719	33.59	31.87	26.619	0	0
"2013-03-06	00:00:00"	9.76	108.9	5.035	11.14	5.04	91.6	8.35	7.561	40.9	38.12	2.772	35.56	37.47	26.606	0	0
"2013-03-06	01:00:00"	9.78	116.5	5.801	12.33	6.359	110.7	8.32	8.75	39.86	39.86	-0.001	36.98	36.94	26.601	0	0
"2013-03-06	02:00:00"	9.89	121.5	6.068	12.93	6.622	120.4	8.31	9.95	39.26	40.25	-0.987	36.08	35.14	26.597	0	0
"2013-03-06	03:00:00"	11.01	129.8	7.307	14.72	8.29	128.4	7.738	12.33	38.52	40.72	-2.193	33.56	31.63	26.586	0	0
"2013-03-06	04:00:00"	11.15	129.4	6.403	15.91	8.34	128.5	7.044	12.93	36.8	39.48	-2.676	33.16	30.18	26.568	0	0
"2013-03-06	05:00:00"	10.42	131.2	6.832	14.12	7.836	129.2	7.533	11.14	36.36	39.01	-2.648	31.79	29.15	26.555	0	0
"2013-03-06	06:00:00"	10.23	142.2	9.75	15.31	8.08	140	9.84	11.74	37.45	39.88	-2.43	29.04	26.9	26.558	0	0
"2013-03-06	07:00:00"	9.86	147.4	7.882	14.72	8.08	145.1	7.634	12.33	38.54	40.56	-2.023	27.14	25.19	26.566	0.01391	0
"2013-03-06	08:00:00"	10.78	149.1	8.55	15.91	8.87	147.1	8.23	14.72	39.94	42.08	-2.14	25.87	23.71	26.569	22.398	0
"2013-03-06	09:00:00"	14.62	145.6	10.4	21.87	12.13	143.5	10.25	21.28	42.28	44.68	-2.4	24.09	21.78	26.576	166.44	0
"2013-03-06	10:00:00"	17.2	153.2	14.89	24.26	14.26	150.9	14.85	22.47	45.69	48.53	-2.832	22.79	19.94	26.582	334.73	0
"2013-03-06	11:00:00"	18.69	170.5	9.72	35	15.26	168	11.6	30.22	48.99	51.54	-2.549	20.99	18.19	26.586	441.53	0
"2013-03-06	12:00:00"	18.77	166.4	11.79	26.05	15.53	163.9	12.92	24.86	51.06	53.54	-2.48	20.31	17.52	26.557	543.07	0
"2013-03-06	13:00:00"	17.67	157.4	13.57	26.05	14.66	154.6	13.97	23.07	53.8	56.47	-2.668	18.92	16.09	26.515	826.84	0
"2013-03-06	14:00:00"	17.55	164.7	13.05	25.45	14.42	162	14.28	23.07	57.15	60.42	-3.265	18.1	15.05	26.471	755.87	0
"2013-03-06	15:00:00"	16.03	166.2	12.86	23.66	13.28	163.6	14.35	21.87	58.56	62.11	-3.543	17.75	14.64	26.44	708.93	0
"2013-03-06	16:00:00"	16.02	167.8	12.72	23.66	13.23	165	14.63	20.09	59.78	63.26	-3.48	17.08	13.99	26.416	486.86	0
"2013-03-06	17:00:00"	14.68	172.5	10.95	23.66	12.01	170.2	12.73	20.68	60.46	63.1	-2.64	16.75	14.09	26.407	404.52	0
"2013-03-06	18:00:00"	12.67	162	13.44	20.68	10.47	159.5	13.74	18.89	61.44	63.44	-1.995	16.87	14.47	26.395	200.68	0
"2013-03-06	19:00:00"	11.58	160.3	10.43	18.3	9.56	157.1	11.2	14.72	60.28	61.13	-0.852	18.1	16.23	26.389	33.756	0
"2013-03-06	20:00:00"	11.41	149.9	8.77	16.51	9.17	147.6	8.48	12.93	56.96	57.44	-0.472	19.84	18.16	26.39	0.13071	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-06	21:00:00"	10.68	147.5	11.57	15.31	8.59	144.9	10.64	12.93	53.99	54.52	-0.533	21.4	19.74	26.396	0
"2013-03-06	22:00:00"	8.99	153.2	13.87	14.12	7.025	150.8	14.16	11.74	50.72	50.99	-0.266	23.53	22.04	26.399	0
"2013-03-06	23:00:00"	7.116	166.9	9.8	11.14	5.159	163.9	10.61	8.75	48.02	48.3	-0.278	25.83	24.37	26.393	0
"2013-03-07	00:00:00"	8.25	182.9	7.384	14.12	5.949	180.7	9.26	11.14	45.74	46.16	-0.424	27.97	26.57	26.388	0
"2013-03-07	01:00:00"	10.13	192.8	8.53	14.72	7.752	194.4	11.39	13.52	43.77	44.74	-0.977	29.2	27.3	26.374	0
"2013-03-07	02:00:00"	7.767	196.5	10.67	14.12	5.94	196.6	12.51	13.52	43.08	43.07	0.002	29.17	27.93	26.366	0
"2013-03-07	03:00:00"	8.6	200.5	8.93	11.74	6.565	199.9	9.39	9.35	41.74	42.11	-0.375	30.47	28.97	26.351	0
"2013-03-07	04:00:00"	8.34	204.3	10.99	13.52	6.571	201	10.39	10.54	41.23	41.62	-0.385	31.05	29.67	26.332	0
"2013-03-07	05:00:00"	8.68	199.6	9.43	12.33	6.8	198.7	9.8	11.14	41.77	42.31	-0.536	30.94	29.42	26.321	0
"2013-03-07	06:00:00"	6.447	223	13.88	9.95	4.74	220.5	14.52	8.75	41.08	41.75	-0.666	31.02	29.37	26.322	0
"2013-03-07	07:00:00"	5.609	215.8	12.71	9.35	4.151	215	13.56	7.561	40.98	41.26	-0.273	30.76	29.44	26.326	0.02676
"2013-03-07	08:00:00"	5.898	210.8	12.85	9.95	4.527	206.8	14.12	8.75	40.7	41.16	-0.461	31.14	29.78	26.338	42.592
"2013-03-07	09:00:00"	7.696	186	18.49	11.74	6.284	184.1	19.7	10.54	43.06	43.98	-0.92	29.91	28.16	26.362	155.38
"2013-03-07	10:00:00"	7.064	188.2	15.6	11.14	5.546	185.4	17.53	9.95	48.2	49.74	-1.542	26.88	24.78	26.375	281.22
"2013-03-07	11:00:00"	5.94	186.5	27.84	11.74	4.442	185.2	30.89	9.95	54.03	55.69	-1.658	24.14	21.91	26.372	594.74
"2013-03-07	12:00:00"	8.78	174.3	13.68	14.12	6.46	171.2	15.92	12.33	61.56	64.33	-2.768	20.36	17.61	26.361	770.3
"2013-03-07	13:00:00"	10.29	176.1	14.39	15.91	8.28	173.2	16.22	14.12	67.32	69.9	-2.573	17.66	15.07	26.346	807.9
"2013-03-07	14:00:00"	10.16	182.7	14.43	17.7	7.362	181.1	18.4	16.51	70.61	73.39	-2.78	16.15	13.49	26.32	865.09
"2013-03-07	15:00:00"	10.79	194.4	17.24	19.49	8.9	193	19.03	15.91	72.81	75.44	-2.632	15.5	12.91	26.292	696.95
"2013-03-07	16:00:00"	10.66	178.4	16.53	17.1	8.41	176.1	19.64	14.72	73.33	75.26	-1.933	15.64	13.3	26.272	489.49
"2013-03-07	17:00:00"	13.78	173.8	14.2	21.28	11.12	171.5	16.46	18.89	73.29	75.21	-1.918	15.33	13.05	26.268	280.39
"2013-03-07	18:00:00"	15.02	163.2	10.45	23.66	12.2	159.9	11.34	21.28	71.24	72.31	-1.068	16.1	14.11	26.263	146.14
"2013-03-07	19:00:00"	12.58	161.5	9.91	20.68	10.45	158.5	10.4	18.3	67.52	67.84	-0.313	18.18	16.45	26.276	28.282
"2013-03-07	20:00:00"	10.26	150.1	9.26	14.12	7.019	147.8	8.92	12.33	63.72	63.8	-0.08	21.83	20.2	26.29	0.0913
"2013-03-07	21:00:00"	10.66	149.3	9.16	15.31	8.6	146.7	9.38	13.52	60.58	60.85	-0.263	27.21	25.53	26.304	0
"2013-03-07	22:00:00"	13.75	170.1	8.32	20.68	10.92	168.5	10.07	17.7	57.79	58.44	-0.645	32.93	30.88	26.319	0
"2013-03-07	23:00:00"	10.08	167.7	10.12	17.7	8.05	165.3	11.27	14.12	54.99	55.55	-0.559	42.8	40.4	26.328	0
"2013-03-08	00:00:00"	11.98	170.2	7.015	17.7	9.56	167.7	9.28	15.31	53.88	54.25	-0.372	57.54	55.14	26.325	0
"2013-03-08	01:00:00"	14.36	179	10.05	21.28	11.4	176.8	12.13	17.1	54.73	55.35	-0.623	64.15	61.87	26.315	0
"2013-03-08	02:00:00"	10.46	208.8	18.02	21.28	8.3	207.6	18.99	17.7	55.25	55.95	-0.697	64.43	62.16	26.327	0
"2013-03-08	03:00:00"	7.716	217.1	17.7	13.52	6.147	215.4	20.68	11.74	53.95	54.4	-0.448	66.64	64.64	26.321	0
"2013-03-08	04:00:00"	6.631	212.7	22.09	11.74	5.098	209.1	24.74	9.95	52.5	52.82	-0.313	69.21	67.35	26.31	0
"2013-03-08	05:00:00"	7.422	193.5	13.35	12.33	5.65	192.9	15.3	9.95	52.51	52.54	-0.03	69.58	68.59	26.301	0
"2013-03-08	06:00:00"	5.34	193.9	34.03	14.72	3.431	190.9	44.29	13.52	54.88	54.48	0.404	61.11	61.26	26.305	0
"2013-03-08	07:00:00"	4.827	183.2	39.58	13.52	2.718	174.2	45.48	9.35	56.82	56.07	0.756	55.22	56.4	26.308	0.00029
"2013-03-08	08:00:00"	6.091	158.3	14.38	13.52	3.918	155.2	16.68	9.95	56.21	55.83	0.379	56.28	56.16	26.302	14.777
"2013-03-08	09:00:00"	7.564	185.3	14.45	11.74	5.781	184.3	17.24	11.14	56.22	56.46	-0.249	58.72	57.22	26.313	72.96
"2013-03-08	10:00:00"	9.86	189.6	9.55	15.91	7.855	189.3	12.82	13.52	58.23	59.01	-0.778	59.4	57	26.324	304.47
"2013-03-08	11:00:00"	15.34	188.6	12.97	23.07	12.39	186.9	15.29	20.09	63.63	65.23	-1.609	49.78	46.04	26.313	621.03
"2013-03-08	12:00:00"	14.28	210.8	18.4	24.86	11.78	208.5	20.19	23.07	67.64	69.34	-1.702	38.4	35.28	26.297	757.46
"2013-03-08	13:00:00"	12.94	217.9	19.64	24.86	10.81	216.9	23.66	20.09	69.96	71.33	-1.366	32.99	30.33	26.271	830.9
"2013-03-08	14:00:00"	16.71	192.9	17.7	29.03	13.61	191.1	19.28	26.65	72.32	74.26	-1.936	29.28	26.27	26.226	838.35
"2013-03-08	15:00:00"	16.53	198	18.08	29.63	13.45	194.9	19.24	26.65	73.39	75.25	-1.855	28.13	25.24	26.197	675.55
"2013-03-08	16:00:00"	15.91	196.3	15.58	28.43	12.79	194.9	17.33	24.86	74.25	75.85	-1.603	27.6	24.9	26.179	538.52
"2013-03-08	17:00:00"	15.87	187.7	15.27	27.84	12.26	185	16.45	24.26	74.37	75.73	-1.356	28.04	25.49	26.165	337.97

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-08	18:00:00"	18.42	168.9	9.95	28.43	14.75	165.9	11.38	24.26	73.86	74.74	-0.882	31.37	29.11	26.147	188.56	0
"2013-03-08	19:00:00"	13.93	162.6	9.98	22.47	11.08	159.2	10.78	17.7	72.21	72.26	-0.047	34.27	32.69	26.143	17.453	0
"2013-03-08	20:00:00"	17.76	154	9.72	30.22	14.71	151.3	9.72	26.05	69.61	69.65	-0.041	41.69	39.96	26.144	0.1135	0
"2013-03-08	21:00:00"	20.99	166.3	10.14	34.4	17.13	163.2	11.91	30.22	66.36	66.63	-0.271	54.4	52.72	26.155	0	0
"2013-03-08	22:00:00"	19.79	170.1	7.963	33.8	15.88	167.6	9.76	27.24	63.1	63.39	-0.299	64.05	62.47	26.173	0	0
"2013-03-08	23:00:00"	18.44	171.3	7.796	29.03	14.78	168.7	9.86	25.45	59.97	60.38	-0.413	74.29	72.2	26.174	0	0
"2013-03-09	00:00:00"	13.25	183.5	10.43	20.09	10.58	182.8	13.07	17.1	58.44	58.6	-0.161	78.49	76.99	26.165	0	0
"2013-03-09	01:00:00"	14.24	184	8.51	24.26	11.47	182.5	11.49	20.09	58.96	59.38	-0.421	78.72	76.89	26.152	0	0
"2013-03-09	02:00:00"	12.69	182.6	7.982	19.49	10.2	181.6	11.27	15.91	57.66	58.04	-0.38	81.2	79.06	26.138	0	0
"2013-03-09	03:00:00"	12.64	181.6	8.58	18.89	9.95	180.4	11.31	15.31	56.21	56.5	-0.288	84.1	82.3	26.123	0	0
"2013-03-09	04:00:00"	9.72	189.2	11.84	15.91	7.716	188.3	14.87	12.93	54.72	54.98	-0.264	86.9	85.1	26.114	0	0
"2013-03-09	05:00:00"	8.79	196.6	18.02	16.51	6.752	198.6	21.35	12.33	53.6	53.88	-0.282	88.7	86.8	26.11	0.00508	0
"2013-03-09	06:00:00"	9.84	201.3	30.81	17.1	7.8	201.7	33.52	14.12	53.04	53.28	-0.24	89.4	87.6	26.117	0.51058	0
"2013-03-09	07:00:00"	8.21	259.8	13.31	14.72	6.335	263.6	14.64	11.74	52.28	52.08	0.199	87.1	86.5	26.151	0.4431	0
"2013-03-09	08:00:00"	10.21	284.6	8.89	19.49	6.148	288.4	10.74	15.91	51.34	50.09	1.25	73.26	77.5	26.168	34.145	0
"2013-03-09	09:00:00"	12.19	280.5	9.66	20.68	8.69	282.6	11.63	18.3	53.48	54.13	-0.646	50.19	49.7	26.179	234.94	0
"2013-03-09	10:00:00"	20.17	282.2	9.52	30.82	14.55	283.8	11.34	29.03	55.58	57.74	-2.161	37.55	34.95	26.185	349.37	0
"2013-03-09	11:00:00"	25.84	276.2	8.73	39.17	19.61	278	10.95	32.01	56.04	57.56	-1.521	33.23	30.76	26.176	302.84	0
"2013-03-09	12:00:00"	27.71	273.3	9.68	40.96	21.1	275.4	11.32	37.38	57.89	59.53	-1.634	29.95	27.36	26.162	412.77	0
"2013-03-09	13:00:00"	31.79	269	10.13	46.92	25.33	272.1	10.81	45.13	59.7	61.35	-1.651	26.89	24.2	26.157	645.48	0
"2013-03-09	14:00:00"	32.18	268.8	10.76	51.1	25.61	272	11.27	45.13	60.41	62.06	-1.649	25.17	22.47	26.128	796.8	0
"2013-03-09	15:00:00"	30.71	269.7	11.47	47.52	23.93	273.2	12.39	40.96	61.3	63.1	-1.793	22.1	19.42	26.105	770.62	0
"2013-03-09	16:00:00"	27.85	266.3	13.17	43.35	21.76	269.6	14.05	35	61.06	63.01	-1.951	20.28	17.62	26.11	650.71	0
"2013-03-09	17:00:00"	27.52	272.7	10.16	42.75	21.4	275.3	11.2	36.78	60.9	62.44	-1.546	18.58	16.19	26.103	432.99	0
"2013-03-09	18:00:00"	27.43	274.9	9.69	43.35	20.98	277.3	11.23	37.38	60.14	61.07	-0.936	16.89	14.87	26.099	216.51	0
"2013-03-09	19:00:00"	27.67	280	8.04	42.75	19.94	282.2	10.19	36.78	58.54	59.22	-0.682	15.03	13.19	26.095	52.138	0
"2013-03-09	20:00:00"	25.36	284.2	8.13	39.77	17.14	286.7	9.86	34.4	56.56	57.48	-0.919	16.27	14.38	26.106	0.15285	0
"2013-03-09	21:00:00"	20.11	295.6	11.89	33.21	12.37	297	12.9	23.66	54.85	55.91	-1.051	20.41	18.37	26.126	0	0
"2013-03-09	22:00:00"	17.87	310.6	9.49	28.43	11.19	311.9	10.84	22.47	52.71	53.91	-1.193	26.25	24.1	26.157	0	0
"2013-03-09	23:00:00"	17.58	315.2	9.91	29.63	12.09	316.2	11.17	23.07	51.48	52.94	-1.464	29.54	27.19	26.198	0	0
"2013-03-10	00:00:00"	14.61	317.3	10.75	24.26	10.21	318	11.43	20.68	49.54	50.57	-1.025	30.65	28.68	26.213	0	0
"2013-03-10	01:00:00"	14.59	328.3	14.82	22.47	10.9	327.3	14.03	20.09	47.37	48.57	-1.198	31.76	29.72	26.241	0	0
"2013-03-10	02:00:00"	14.64	4.2	12.15	21.87	11.61	357.5	12.6	18.89	43.83	46.3	-2.471	37.06	33.74	26.275	0	0
"2013-03-10	03:00:00"	15.48	0.5	13.31	25.45	12.25	353.8	14.25	21.87	41.53	43.85	-2.317	40.04	36.62	26.286	0	0
"2013-03-10	04:00:00"	16.05	11.45	8.94	26.05	12.86	6.412	13.47	22.47	40.16	43.3	-3.141	44.35	38.79	26.288	0	0
"2013-03-10	05:00:00"	13.25	17.17	6.895	21.28	10.47	13.33	12.45	18.89	38.52	41.67	-3.146	47.84	41.79	26.309	0	0
"2013-03-10	06:00:00"	10.6	18.76	8.26	16.51	8.22	15.41	13.23	13.52	36.79	38.93	-2.132	51.16	47.37	26.333	0	0
"2013-03-10	07:00:00"	13.68	10.54	7.113	21.28	10.85	5.101	12.97	18.89	36.09	39.46	-3.368	51.64	45.56	26.35	0.13557	0
"2013-03-10	08:00:00"	13.63	9.19	10.51	30.82	10.91	3.515	13.3	25.45	35.84	39.02	-3.178	50.31	45.79	26.388	55.539	0
"2013-03-10	09:00:00"	23.66	19.45	7.185	33.8	19.23	17.62	13.2	29.63	37.95	42.57	-4.62	34.23	28.62	26.409	259.79	0
"2013-03-10	10:00:00"	25.51	20.53	8.52	37.38	20.86	18.22	14.75	32.01	40.18	45.23	-5.043	28.73	23.15	26.42	467.13	0
"2013-03-10	11:00:00"	23.35	17.09	9.28	33.8	19.28	13.88	14.94	31.42	42.2	48.13	-5.937	26.11	20.17	26.442	641.48	0
"2013-03-10	12:00:00"	17.21	17.55	12.87	28.43	14.41	14.18	18.23	23.66	44.13	51.29	-7.157	25.27	19.05	26.449	772.56	0
"2013-03-10	13:00:00"	16.05	10.92	17.32	25.45	13.41	7.922	20.68	21.87	45.8	52.62	-6.824	24.05	18.44	26.437	773.1	0
"2013-03-10	14:00:00"	14.9	9.54	22.45	26.65	12.5	6.882	24.61	23.07	47.48	52.89	-5.412	22.81	18.28	26.42	856.51	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-10	15:00:00"	15.71	357.6	17.9	28.43	13.06	353.5	20.04	24.86	48	53.01	-5.012	23.19	18.82	26.408	760.59	0
"2013-03-10	16:00:00"	14.38	2.776	20.02	22.47	11.88	358.5	21.72	20.09	48.35	51.95	-3.607	23.61	19.84	26.4	514.52	0
"2013-03-10	17:00:00"	13.37	343.5	20.75	26.05	10.38	340.3	20.09	21.87	49.12	53.65	-4.53	23.62	19.48	26.397	433.6	0
"2013-03-10	18:00:00"	14.74	351.6	14.14	22.47	11.72	347.3	14.48	19.49	48.64	52.06	-3.421	25.95	22.23	26.397	164.43	0
"2013-03-10	19:00:00"	10.14	358.8	14.09	17.7	7.4	352.5	11.17	15.31	46.68	47.18	-0.499	29.25	27.31	26.419	26.727	0
"2013-03-10	20:00:00"	6.917	330	16.61	9.95	2.228	328.6	17.9	5.175	45.08	42.1	2.979	30.97	31.85	26.435	0.29538	0
"2013-03-10	21:00:00"	5.749	280.5	13.31	8.16	1.702	286.9	14.9	5.771	44.03	41.9	2.126	31.76	32.23	26.445	0	0
"2013-03-10	22:00:00"	7.47	300.3	4.715	9.35	1	308.2	6.207	1	41.04	37.58	3.468	33.42	35.37	26.459	0	0
"2013-03-10	23:00:00"	7.198	305	4.582	9.95	2.991	312.5	4.889	5.771	39.11	35.04	4.071	35.27	38.29	26.456	0	0
"2013-03-11	01:00:00"	9.09	315.2	8.23	15.31	4.024	314.4	9.33	13.52	38.46	34.29	4.171	35.96	39.45	26.445	0	0
"2013-03-11	02:00:00"	7.136	341.4	45.44	12.33	2.22	341.2	48.03	9.95	36.85	34.94	1.902	38.14	39.31	26.445	0	0
"2013-03-11	03:00:00"	8.61	7.134	3.385	9.95	4.402	7.594	6.453	6.368	39.62	33.55	6.068	35.67	42.11	26.443	0	0
"2013-03-11	04:00:00"	6.162	19.82	8.04	9.35	3.74	19.48	8.22	5.175	40.98	32.77	8.2	33.66	43.61	26.426	0.00029	0
"2013-03-11	05:00:00"	3.661	32.8	8.26	5.175	3.729	8.93	10.4	5.771	41.1	34.14	6.96	31.81	41	26.411	0	0
"2013-03-11	06:00:00"	1.977	80.6	31.23	3.982	1	9.93	12.74	1	41.39	35.9	5.492	24.83	38.22	26.407	0	0
"2013-03-11	07:00:00"	2.858	189.5	24.32	4.578	1.001	219.8	53.35	1.596	38.73	35.08	3.656	31.59	38.86	26.407	0	0
"2013-03-11	08:00:00"	4.591	228.2	18.4	7.561	1.993	244	18.24	4.578	37.31	35.55	1.759	35.98	38.29	26.41	0.22723	0
"2013-03-11	09:00:00"	5.919	259.2	7.522	8.75	3.878	261.1	9.15	6.964	36.3	35.52	0.777	39.08	39.24	26.413	60.021	0
"2013-03-11	10:00:00"	6.84	236.8	14.27	10.54	5.483	237.1	15.88	10.54	38.96	39.66	-0.701	37.25	35.68	26.432	258.96	0
"2013-03-11	11:00:00"	8.49	255.4	15.39	14.12	6.315	257.1	16.46	11.74	46.37	47.31	-0.936	30.25	28.29	26.439	472.05	0
"2013-03-11	12:00:00"	13.16	277	13.05	19.49	9.96	278.7	14.64	18.3	54.95	57.1	-2.151	23.9	21.23	26.43	662.99	0
"2013-03-11	13:00:00"	13.54	259.7	16.93	21.28	11.16	262	18.71	17.7	58.52	60.87	-2.354	19.98	17.29	26.414	802.17	0
"2013-03-11	14:00:00"	13.62	246.9	16.57	23.07	11.36	250	19.77	20.68	61.19	63.64	-2.448	17.33	14.7	26.392	876.03	0
"2013-03-11	15:00:00"	13.29	240.9	22.4	25.45	10.72	243.3	25.67	21.87	63.2	65.57	-2.366	15.51	12.99	26.362	878.13	0
"2013-03-11	16:00:00"	13.56	232.9	19.95	26.05	10.99	234.2	23.43	24.86	64.99	67.18	-2.195	14.3	11.87	26.333	788.7	0
"2013-03-11	17:00:00"	13.46	232	22.2	23.07	11.14	232.6	25.21	22.47	66.42	68.58	-2.163	13	10.66	26.307	677.66	0
"2013-03-11	18:00:00"	11.38	235.5	20.91	22.47	9.4	236.6	24.16	17.7	67.04	68.83	-1.788	11.44	9.28	26.294	494.47	0
"2013-03-11	19:00:00"	11.62	230.6	16.97	21.87	9.57	229.5	19.88	20.09	67.52	68.98	-1.457	10.36	8.34	26.275	274.58	0
"2013-03-11	20:00:00"	8.41	228.3	18.82	15.91	6.742	225.5	23.06	12.33	66.36	66.56	-0.199	11.62	9.91	26.278	68.975	0
"2013-03-11	21:00:00"	5.429	208	10.97	9.35	3.624	199.6	10.16	7.561	61.69	60.92	0.771	14.31	13.07	26.291	0.33574	0
"2013-03-11	22:00:00"	5.972	207	10.16	9.35	3.225	196	9.47	7.561	58.22	57.33	0.897	17.11	15.96	26.303	0	0
"2013-03-11	23:00:00"	6.041	213.3	12.04	9.35	2.602	203.9	14.78	6.368	55.08	54.28	0.798	19.77	18.67	26.312	0	0
"2013-03-12	00:00:00"	5.281	238.2	16.32	7.561	1.913	235	22.15	5.175	52.06	50.99	1.067	22.33	21.44	26.317	0	0
"2013-03-12	01:00:00"	5.271	274.8	15.47	8.75	1.259	277.3	22.12	4.578	52.33	49.51	2.82	22.89	23.35	26.32	0	0
"2013-03-12	02:00:00"	7.501	271.6	15.99	11.74	1.925	275.4	18.4	8.75	53.93	50.39	3.545	21.49	22.71	26.314	0	0
"2013-03-12	03:00:00"	8.24	263.4	20.51	12.33	3.592	266.4	23.46	8.16	52.44	49.73	2.706	22.44	23.14	26.317	0	0
"2013-03-12	04:00:00"	7.299	243.8	9.58	9.95	1.498	245.4	12.29	5.771	48.52	46.76	1.761	26.16	26.3	26.315	0	0
"2013-03-12	05:00:00"	7.253	244.5	14.54	10.54	4.761	243.3	16.97	7.561	47.11	45.64	1.475	27.18	27.15	26.313	0	0
"2013-03-12	06:00:00"	8.11	266.2	9.66	11.14	1.771	265.5	14.43	5.771	48.29	45.89	2.399	25.81	26.69	26.324	0	0
"2013-03-12	07:00:00"	8.32	298.6	8.04	11.14	2.322	295.2	7.718	6.368	46.73	43.74	2.995	27	28.49	26.335	0	0
"2013-03-12	08:00:00"	15.44	340.3	24.49	29.63	11.16	335.6	24.25	26.65	47.56	46.12	1.435	28.17	28.2	26.37	0.23485	0
"2013-03-12	09:00:00"	20.27	7.756	9.42	28.43	16.29	2.313	14.98	25.45	42.41	45.14	-2.733	44.12	39.26	26.417	61.393	0
"2013-03-12	10:00:00"	22.74	12.86	8.13	32.01	18.49	8.36	14.06	28.43	42.39	47.21	-4.82	51.5	41.91	26.457	259.76	0
"2013-03-12	11:00:00"	25.27	20.26	7.299	33.21	20.83	17.68	12.67	29.63	45.15	50.16	-5.011	46.09	37.27	26.483	469.99	0
"2013-03-12	12:00:00"	23.96	21.37	9.38	32.01	19.79	19.6	14.84	29.03	48.65	53.81	-5.159	41.14	33.99	26.506	651.7	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-12	13:00:00"	21.4	24.41	9.94	29.03	17.96	23.17	14.68	26.65	51.79	56.3	-4.507	38.34	32.62	26.523	783.69	0	
"2013-03-12	14:00:00"	19.71	30.17	10.03	27.84	16.53	29.92	13.04	26.05	55.02	58.54	-3.527	34.49	30.05	26.524	855.5	0	
"2013-03-12	15:00:00"	18.25	33.4	13.02	29.03	15.28	32.74	16.08	26.05	57.89	60.8	-2.911	29.11	25.4	26.519	853.96	0	
"2013-03-12	16:00:00"	15.47	50.55	15	23.66	12.8	51.76	16.47	23.07	59.44	61.59	-2.155	25.53	22.39	26.514	772.33	0	
"2013-03-12	17:00:00"	13.24	56.49	17.09	29.03	10.93	56.48	18.29	20.68	60.61	62.48	-1.872	23.3	20.46	26.507	655.92	0	
"2013-03-12	18:00:00"	13.28	58.42	14.9	24.26	10.92	59.27	15.74	23.66	61	62.25	-1.244	22.22	19.75	26.511	476.75	0	
"2013-03-12	19:00:00"	13.8	61.63	16.82	22.47	11.15	61.9	16.86	18.3	60.28	61.14	-0.856	22.59	20.35	26.519	269.72	0	
"2013-03-12	20:00:00"	10.41	70.35	12.65	17.7	6.909	69.98	13.09	14.72	58.36	58.51	-0.144	23.56	21.78	26.531	67.092	0	
"2013-03-12	21:00:00"	7.95	64.9	6.166	9.95	4.315	61.72	9.04	6.368	52.47	51.55	0.92	27.76	26.83	26.553	0.38443	0	
"2013-03-12	22:00:00"	9.71	55.3	5.877	12.33	5.221	55.36	8.49	9.35	48.53	48.1	0.43	31.37	30.4	26.587	0	0	
"2013-03-12	23:00:00"	8.97	65.75	8.82	12.33	5.724	64.02	9.98	8.75	45.07	45.09	-0.023	34.52	33.25	26.608	0	0	
"2013-03-13	00:00:00"	10.07	77.3	8.91	13.52	6.825	75.47	10.67	10.54	44.11	44.41	-0.295	34.99	33.85	26.624	0	0	
"2013-03-13	01:00:00"	9.91	90	5.374	13.52	6.725	87.8	6.705	11.14	41.8	41.62	0.176	37.44	36.28	26.621	0	0	
"2013-03-13	02:00:00"	9.45	86.5	5.769	11.74	6.321	83	7.688	8.16	39.99	39.88	0.11	40.51	39.23	26.623	0	0	
"2013-03-13	03:00:00"	9.74	88.3	4.832	12.33	6.261	84.4	6.985	8.75	38.67	38.61	0.061	43.47	41.93	26.627	0	0	
"2013-03-13	04:00:00"	9.73	87	5.188	11.74	6.241	82.5	7.36	9.35	37.06	36.89	0.172	46.33	45.02	26.627	0	0	
"2013-03-13	05:00:00"	9.97	88.2	6.908	11.74	6.553	82.2	9.38	9.35	36.71	36.31	0.403	48.77	47.89	26.619	0	0	
"2013-03-13	06:00:00"	8.49	78.44	5.95	11.74	5.43	67.44	10.33	7.561	35.79	35.39	0.403	50.68	49.66	26.62	0	0	
"2013-03-13	07:00:00"	9	66.55	7.015	11.14	5.757	57.79	8.66	8.16	35.79	35.08	0.706	52.64	52.19	26.635	0	0	
"2013-03-13	08:00:00"	8.37	65.99	7.298	10.54	5.278	57.85	9.04	7.561	35.54	34.87	0.674	55.55	54.79	26.648	0.29379	0	
"2013-03-13	09:00:00"	3.511	123.8	54.66	7.561	1.437	18.61	93	5.175	36.42	35.39	1.026	55.95	55.97	26.664	63.021	0	
"2013-03-13	10:00:00"	8.62	170.6	11.15	17.7	6.84	170.5	12.43	14.72	41.46	41.91	-0.448	47.05	45.59	26.679	262.14	0	
"2013-03-13	11:00:00"	13.5	173.6	11.77	18.89	10.99	171.3	13.96	17.7	47.07	48.68	-1.609	38.08	35.38	26.683	474.85	0	
"2013-03-13	12:00:00"	13.93	177.6	11.42	21.28	11.43	174.5	13.94	17.7	50.89	52.74	-1.851	34.49	31.42	26.682	658.26	0	
"2013-03-13	13:00:00"	12.37	188.4	14.86	21.28	10.08	187.4	18.87	18.89	54.83	56.81	-1.98	30.48	27.46	26.671	797.13	0	
"2013-03-13	14:00:00"	10.01	205.3	20.41	18.89	8.4	205	23.27	18.3	57.84	60.02	-2.178	28.21	25.09	26.653	870.88	0	
"2013-03-13	15:00:00"	10.42	190.6	21.97	17.7	8.76	189.3	25.13	15.31	60.48	62.62	-2.139	26.2	23.21	26.624	872.65	0	
"2013-03-13	16:00:00"	11.7	181.3	16.72	25.45	9.64	179.7	20.81	22.47	63.16	66.16	-3.007	23.58	20.19	26.588	787.39	0	
"2013-03-13	17:00:00"	11.53	184	17.86	20.09	9.05	181.4	20.88	17.7	65.7	68.37	-2.67	21.16	18.1	26.561	675.59	0	
"2013-03-13	18:00:00"	12.12	186.4	12.77	20.09	9.22	184.4	15.08	16.51	67.15	69.5	-2.351	19.8	17.02	26.539	492.74	0	
"2013-03-13	19:00:00"	12.61	179	11.14	19.49	10.12	176.7	14.17	16.51	67.56	68.8	-1.243	19.47	17.2	26.529	282.62	0	
"2013-03-13	20:00:00"	10.59	177.5	7.205	17.1	6.124	175	8.73	14.72	66.6	66.75	-0.151	20.01	18.28	26.533	72.765	0	
"2013-03-13	21:00:00"	8.27	168.1	9.95	11.14	1.001	162.3	11	2.193	63.01	61.98	1.022	21.63	20.74	26.542	0.42271	0	
"2013-03-13	22:00:00"	8.18	150.8	8.33	12.33	1.432	145.2	8.83	8.75	60.09	58.61	1.471	23.46	22.92	26.547	0	0	
"2013-03-13	23:00:00"	9.35	155.2	8.97	14.72	5.084	151.3	9.44	11.14	59.08	57.97	1.11	24.49	23.87	26.553	0	0	
"2013-03-14	00:00:00"	11.7	166.4	9.43	19.49	8.96	164.1	9.9	14.72	57.54	56.96	0.583	25.73	24.75	26.56	0	0	
"2013-03-14	01:00:00"	11.39	176.5	8.16	17.7	8.63	173.4	9.54	14.12	54.4	54.09	0.307	30.22	28.99	26.558	0	0	
"2013-03-14	02:00:00"	8.35	191.5	8.57	12.93	5.788	195.9	11.58	9.95	52.4	52.42	-0.018	34.42	33.01	26.546	0	0	
"2013-03-14	03:00:00"	8.1	198.2	9.67	12.93	5.691	200.6	10.46	9.95	51.07	50.73	0.344	37.1	36.03	26.541	0	0	
"2013-03-14	04:00:00"	8.25	199.3	8.74	11.14	5.781	200.1	9.11	8.16	49.64	49.5	0.134	40.35	38.96	26.529	0	0	
"2013-03-14	05:00:00"	8.01	200.1	9.78	11.14	5.535	201.2	11.67	9.95	48.61	48.42	0.193	44.75	43.39	26.514	0	0	
"2013-03-14	06:00:00"	5.877	216.2	13.25	10.54	4.621	215.1	15.46	8.75	47.76	47.51	0.243	47.23	46.12	26.515	0	0	
"2013-03-14	07:00:00"	5.592	232	16.72	8.75	3.166	237.1	21.71	6.964	47.53	47.27	0.263	46.87	45.98	26.524	0	0	
"2013-03-14	08:00:00"	5.977	230.3	18.04	9.35	3.323	233.6	22.05	6.964	47.77	46.85	0.91	47.71	47.71	26.539	0.35095	0	
"2013-03-14	09:00:00"	6.421	211.2	11.18	9.35	4.67	209.6	13.66	7.561	47.65	47.38	0.262	48.08	47.13	26.55	69.126	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-14	10:00:00"	8.09	213.1	12.17	13.52	6.7	210.5	15.22	12.93	50.82	51.58	-0.757	43.5	41.52	26.567	271.34	0	
"2013-03-14	11:00:00"	8.55	216.9	13.15	12.93	7.149	215.9	15.02	11.14	55.82	57.05	-1.226	36.14	33.99	26.575	483.67	0	
"2013-03-14	12:00:00"	8.15	227.6	16.2	12.93	5.487	229.6	19.65	11.14	63.19	64.44	-1.251	27.27	25.23	26.572	672.2	0	
"2013-03-14	13:00:00"	7.84	229.8	19.9	14.12	3.772	231.2	22.8	11.14	69.29	71.03	-1.732	20.66	18.33	26.565	809.39	0	
"2013-03-14	14:00:00"	8.3	237.4	23.91	15.31	3.634	238.3	27.93	13.52	74.32	76.07	-1.752	13.69	11.58	26.544	883.97	0	
"2013-03-14	15:00:00"	7.798	227.2	30.98	14.72	5.13	228.2	34.81	12.93	76.43	78.4	-1.973	11.12	9.02	26.519	857.33	0	
"2013-03-14	16:00:00"	10.71	219.3	25.94	20.09	8.2	220.1	27.09	18.89	78.12	80.4	-2.266	9.94	7.75	26.489	802.35	0	
"2013-03-14	17:00:00"	10.18	223.2	24.92	19.49	8.34	220.3	29.69	18.3	78.51	80.5	-2.002	9.7	7.601	26.472	682.43	0	
"2013-03-14	18:00:00"	8.5	236.1	27.53	16.51	5.92	235.9	31.36	14.72	78.75	80.9	-2.136	9.47	7.356	26.462	496.89	0	
"2013-03-14	19:00:00"	8.77	233.1	25.63	14.72	5.931	233	28.5	14.12	78.66	79.68	-1.021	9.54	7.612	26.454	283.09	0	
"2013-03-14	20:00:00"	9.28	192.1	12.13	15.91	6.201	190.3	13.11	14.12	76.35	76.43	-0.075	11.21	9.54	26.457	71.846	0	
"2013-03-14	21:00:00"	8.44	183.9	9.21	12.93	5.844	181.8	10.88	9.95	71.7	70.75	0.95	12.87	11.65	26.463	0.47964	0	
"2013-03-14	22:00:00"	7.541	194	10.49	14.12	3.596	199.2	15.2	11.14	66.68	65.87	0.806	15.13	13.92	26.468	0	0	
"2013-03-14	23:00:00"	9.44	192	11.23	17.1	4.821	191.4	11.8	14.12	63.09	62.33	0.761	19.58	18.33	26.476	0	0	
"2013-03-15	00:00:00"	9.19	194.9	12.52	17.1	6.545	195.5	11.99	14.72	60.16	59.68	0.481	28.44	26.98	26.487	0	0	
"2013-03-15	01:00:00"	7.046	208.5	11.5	10.54	5.362	202.8	11.1	8.16	58.68	58.23	0.454	35.04	33.69	26.492	0	0	
"2013-03-15	02:00:00"	7.749	208.1	11.48	11.74	5.887	204.8	12.24	9.35	57.29	56.87	0.414	39.72	38.47	26.487	0	0	
"2013-03-15	03:00:00"	6.923	211.1	12.52	9.95	5.254	207.8	13.52	8.75	55.44	55.07	0.37	43.11	41.81	26.48	0	0	
"2013-03-15	04:00:00"	7.562	207.5	10.72	11.14	5.67	203.4	11.23	8.16	54.29	53.87	0.417	44.9	43.74	26.467	0	0	
"2013-03-15	05:00:00"	7.785	202.3	8.6	11.14	5.479	204	10.11	8.75	53.19	53.01	0.172	46.7	45.5	26.448	0	0	
"2013-03-15	06:00:00"	7.418	203.1	9.27	9.95	5.059	204.9	10.16	7.561	52.49	52.04	0.442	48.09	47.25	26.437	0	0	
"2013-03-15	07:00:00"	7.123	213.2	11.94	9.35	5.117	214.6	13.05	8.16	51.28	51.07	0.21	50.16	48.99	26.436	0	0	
"2013-03-15	08:00:00"	6.61	217.6	12.87	9.35	4.856	219.1	13.43	8.16	50.77	50.24	0.528	50.78	50.08	26.44	0.41847	0	
"2013-03-15	09:00:00"	6.651	224.9	13.96	10.54	5.264	226.3	14.8	8.16	50.32	50.36	-0.045	51.48	50.25	26.437	73.137	0	
"2013-03-15	10:00:00"	7.342	232	18.72	12.33	6.111	233.3	22.15	11.14	52.38	52.99	-0.618	48.59	46.42	26.44	277.83	0	
"2013-03-15	11:00:00"	7.736	227.4	16.26	12.93	6.692	227.1	17.87	11.74	58.14	59.09	-0.947	39.25	36.93	26.435	491.68	0	
"2013-03-15	12:00:00"	8.32	214	13.52	14.12	7.087	212.9	16.79	12.33	65.21	66.66	-1.452	29.74	27.26	26.424	680.41	0	
"2013-03-15	13:00:00"	9.37	220.8	19.15	15.91	7.595	220.6	22.17	13.52	71.97	73.61	-1.642	21.56	19.19	26.406	819.63	0	
"2013-03-15	14:00:00"	10.94	236.5	20.97	23.66	8.82	237.3	23.3	21.28	77.67	79.47	-1.801	14.44	12.27	26.378	893.26	0	
"2013-03-15	15:00:00"	11.38	233.1	20.75	20.68	9.66	233.4	24.17	18.89	80.6	82.7	-2.074	10.63	8.46	26.338	894.8	0	
"2013-03-15	16:00:00"	13.31	242.9	24.22	23.07	10.98	244.5	26.91	21.87	82.4	84.6	-2.226	8.92	6.784	26.3	811.56	0	
"2013-03-15	17:00:00"	12.38	251.5	18.45	26.65	10.04	253.7	19.87	23.07	83.4	85.1	-1.721	7.396	5.402	26.274	696.03	0	
"2013-03-15	18:00:00"	12.05	244.5	20.65	21.28	9.96	245.8	24.25	18.89	84	85.3	-1.259	6.677	4.759	26.258	509.37	0	
"2013-03-15	19:00:00"	10.66	240.2	18.45	20.09	8.85	241	21.73	16.51	84	84.5	-0.581	6.472	4.648	26.248	296.27	0	
"2013-03-15	20:00:00"	7.882	234.3	14.35	14.72	5.464	233.6	16.25	14.12	82.3	82.1	0.229	7.103	5.422	26.243	74.229	0	
"2013-03-15	21:00:00"	6.359	200.8	9.52	9.35	1.23	202.1	9.99	5.175	75.92	74.87	1.051	9.24	7.927	26.246	0.32715	0	
"2013-03-15	22:00:00"	8.06	193.3	7.118	13.52	3.302	197.3	9.66	10.54	70.86	69.44	1.42	10.97	9.99	26.245	0	0	
"2013-03-15	23:00:00"	15.6	181.1	8.9	26.65	12	180.5	11.92	21.87	68.39	67.64	0.757	16.51	15.1	26.249	0	0	
"2013-03-16	00:00:00"	15.6	185.8	8.64	24.86	12.31	185.3	11.42	19.49	65.84	65.66	0.179	25.77	24.23	26.249	0	0	
"2013-03-16	01:00:00"	12.28	194.8	9.13	18.3	9.41	196.9	11.43	15.91	63.53	63.34	0.185	32.7	31.24	26.247	0	0	
"2013-03-16	02:00:00"	11.68	200.7	10.37	18.3	9.21	199.9	10.68	15.31	61.3	61.53	-0.225	37.12	35.48	26.232	0	0	
"2013-03-16	03:00:00"	8.62	213.4	13.08	14.72	6.798	211.5	14.82	11.74	58.69	58.84	-0.148	40.44	38.74	26.224	0	0	
"2013-03-16	04:00:00"	8.57	215.3	11.87	12.93	6.8	214.7	14.1	9.95	56.76	58.01	-1.255	43.73	40.8	26.211	0	0	
"2013-03-16	05:00:00"	8.53	219.4	10.37	12.33	6.852	219.3	10.43	10.54	54.63	55.42	-0.79	47.41	44.81	26.198	0	0	
"2013-03-16	06:00:00"	7.677	219	11.71	12.33	6.095	215.6	13.58	11.14	53.01	53.29	-0.277	50.16	48.28	26.184	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-16	07:00:00"	8.04	229.6	11.05	11.74	6.332	228.3	12.64	9.35	50.83	51.2	-0.369	53.63	51.79	26.181	0
"2013-03-16	08:00:00"	7.508	249.8	12.8	10.54	5.792	254.3	15.13	8.75	50.3	49.9	0.404	53.82	53.26	26.185	0.91566
"2013-03-16	09:00:00"	8.28	248.1	8.29	10.54	6.182	251.3	10.4	9.35	51.64	51.46	0.178	50.07	49.4	26.196	92.728
"2013-03-16	10:00:00"	6.821	235.5	9.64	11.74	6.025	235.9	12.39	9.95	57.15	57.33	-0.179	39.02	37.83	26.197	285.08
"2013-03-16	11:00:00"	6.531	252.1	14.69	12.33	5.515	253.5	16.04	9.95	66.14	66.89	-0.752	24.6	22.88	26.196	498.21
"2013-03-16	12:00:00"	14.78	291.9	10.9	21.87	9.35	292.7	13.05	18.89	76.54	77.87	-1.324	12.05	10.34	26.187	556.81
"2013-03-16	13:00:00"	13.66	303.9	15.08	21.28	9.31	305.3	16.87	17.7	80.9	83.3	-2.381	10.35	8.32	26.178	833.91
"2013-03-16	14:00:00"	10.13	303.8	32.44	19.49	7.68	303.2	32.5	15.31	82.6	85.3	-2.698	9.68	7.544	26.159	920.7
"2013-03-16	15:00:00"	9.12	280	39.04	18.3	7.027	280.8	39.43	17.7	83.5	86.5	-3.032	9.08	6.855	26.131	896.39
"2013-03-16	16:00:00"	8.26	279.6	42.01	21.28	6.418	281.7	42.74	18.89	84.3	86.5	-2.19	8.55	6.467	26.101	799.05
"2013-03-16	17:00:00"	11.15	250.6	28.47	21.28	9.21	250.5	33.09	18.89	84.9	86.3	-1.413	5.587	3.711	26.076	600.96
"2013-03-16	18:00:00"	12.24	239.4	17.97	19.49	10.21	240.6	20.49	17.7	84.6	86.1	-1.496	5.368	3.452	26.066	484.6
"2013-03-16	19:00:00"	10.13	252.5	16.71	17.7	8.26	256.3	18.22	15.31	83.9	84.8	-0.894	4.808	3.019	26.061	307.27
"2013-03-16	20:00:00"	6.643	236.4	14.2	13.52	5.009	234.8	18.35	11.74	82.3	81.9	0.349	4.955	3.351	26.064	74.971
"2013-03-16	21:00:00"	9.17	73.3	72.55	17.7	6.805	70.6	71.56	14.72	74.73	74.77	-0.046	16.81	14.77	26.084	0.33519
"2013-03-16	22:00:00"	11.43	79.76	10.43	18.3	7.795	79.53	13.04	14.12	67.17	66.99	0.18	28.52	26.95	26.107	0
"2013-03-16	23:00:00"	8.66	77.69	14.07	12.93	5.351	70.91	18.27	9.35	63.11	62.16	0.953	32.46	31.54	26.124	0
"2013-03-17	00:00:00"	12.08	94.5	9.19	17.1	8.64	93.2	10.05	13.52	61.33	60.65	0.674	35.3	34.46	26.127	0
"2013-03-17	01:00:00"	14.51	43.35	24.85	23.07	11.33	43.22	26.03	20.68	60.54	61.32	-0.778	38.81	36.83	26.139	0
"2013-03-17	02:00:00"	12.71	56.87	14.39	17.7	9.7	57.08	14.9	14.72	56.87	58.38	-1.518	45.82	42.35	26.141	0
"2013-03-17	03:00:00"	13.58	50.71	20.17	21.28	10.62	49.83	21.86	18.3	54.96	56.84	-1.878	50.87	47.02	26.143	0
"2013-03-17	04:00:00"	14.53	44.65	10.52	20.09	11.52	45.04	12.16	17.1	51.9	53.16	-1.254	56.89	53.8	26.152	0
"2013-03-17	05:00:00"	15.59	31.86	6.998	21.28	12.97	31.58	9.73	19.49	48.89	51.67	-2.776	62.38	56.42	26.167	0
"2013-03-17	06:00:00"	15.36	29.06	8.25	21.87	12.66	28.39	11.19	17.7	46.52	48.66	-2.146	67.49	62.94	26.176	0
"2013-03-17	07:00:00"	14.25	33.16	8.37	21.28	11.72	33.18	10.35	17.1	44.53	46.18	-1.646	70.38	66.36	26.177	0
"2013-03-17	08:00:00"	9.68	24.79	9.39	21.28	7.495	22.3	14.75	18.3	42.23	43.23	-1.003	73.79	70.81	26.192	0.47618
"2013-03-17	09:00:00"	7.322	0.206	12.89	10.54	5.441	352.8	13.36	9.95	41.57	41.66	-0.088	74.94	73.87	26.215	72.237
"2013-03-17	10:00:00"	8.49	28.39	13.98	12.33	7.348	26.77	18.03	11.14	46.92	48.35	-1.429	62.45	59.48	26.235	271.12
"2013-03-17	11:00:00"	4.767	36.46	23.55	9.95	4.194	34.66	28.11	8.16	50.52	52.19	-1.67	54.88	50.86	26.244	483.05
"2013-03-17	12:00:00"	3.847	186.4	53.72	6.964	3.353	186.2	60.36	6.964	54.75	55.88	-1.127	48.46	45.34	26.239	670.62
"2013-03-17	13:00:00"	6.077	220.2	26.21	12.93	5.195	222.1	32.49	12.33	58.62	60.5	-1.878	44.24	40.33	26.213	807.06
"2013-03-17	14:00:00"	8.26	231.8	27.22	15.91	7.052	232.9	31.19	15.31	62.47	64.6	-2.13	38.46	34.91	26.184	879.81
"2013-03-17	15:00:00"	10.72	224.6	21.62	20.09	9.11	224.1	25.3	17.1	67.08	69.25	-2.169	31.83	28.54	26.146	879.84
"2013-03-17	16:00:00"	10.86	224.5	23.47	20.68	9.2	224.2	27.05	21.87	70.95	72.65	-1.701	25.51	22.81	26.104	794.53
"2013-03-17	17:00:00"	11.87	229.4	19.53	24.86	10.07	228.3	23.62	21.28	73.66	75.02	-1.367	19.93	17.58	26.066	678.15
"2013-03-17	18:00:00"	14.98	240.3	18.12	27.84	12.51	241.7	21.35	23.07	76.3	77.25	-0.949	15.33	13.24	26.037	477.64
"2013-03-17	19:00:00"	19.08	248.4	17.13	38.57	15.67	251.6	19.64	32.01	77.63	78.01	-0.385	12.35	10.48	26.022	238.53
"2013-03-17	20:00:00"	25.41	285.9	27.63	51.1	17.92	289.1	27.19	46.92	75.53	75.72	-0.19	13.66	11.85	26.05	14.566
"2013-03-17	21:00:00"	21.33	320.9	17.26	35.59	14.76	321	16.27	28.43	71.42	71.63	-0.206	19.23	17.46	26.089	0.25639
"2013-03-17	22:00:00"	9.33	271	17.71	21.28	6.577	276.1	20.42	15.91	70.11	69.3	0.811	20.26	19.01	26.1	0
"2013-03-17	23:00:00"	6.058	273.9	21.85	9.95	3.195	287.8	29.02	6.964	67.63	64.41	3.219	21.19	21.7	26.105	0
"2013-03-18	00:00:00"	5.459	216.8	13.61	9.95	3.577	203.1	16.58	7.561	62.87	61.82	1.046	23.98	23.37	26.115	0
"2013-03-18	01:00:00"	5.438	215.8	15	9.35	3.645	206.9	16.86	6.964	58.82	58.29	0.526	26.96	25.86	26.128	0
"2013-03-18	02:00:00"	7.048	239.1	27.02	14.72	5.043	239.1	30.59	14.12	59.29	58.18	1.111	25.38	24.94	26.138	0
"2013-03-18	03:00:00"	10.72	287.7	8.15	17.1	5.848	297.3	11.46	12.33	61.38	59.58	1.791	18.12	18.01	26.15	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-18	04:00:00"	12.63	284.1	7.958	21.28	7.937	288.2	9.67	19.49	60.23	59.32	0.907	17.47	16.71	26.16	0	0
"2013-03-18	05:00:00"	10.13	299	11.25	12.93	5.108	300.9	12.84	8.16	54.57	53.05	1.512	21.01	20.82	26.171	0	0
"2013-03-18	06:00:00"	11.85	317.1	7.031	16.51	7.698	318.7	8.57	12.33	52.35	50.85	1.499	22.43	22.18	26.189	0	0
"2013-03-18	07:00:00"	6.39	347.3	48.74	14.72	4.485	356.6	65.26	11.14	52	50.36	1.639	21.7	21.5	26.214	0	0
"2013-03-18	08:00:00"	12.73	322.3	9.53	18.3	8.2	322.9	10.84	14.12	50.48	48.07	2.417	22.37	23.09	26.235	0.74037	0
"2013-03-18	09:00:00"	12.51	352.3	20.7	20.68	9.43	348.4	20	17.1	54.12	53.52	0.598	17.04	16.32	26.269	89.424	0
"2013-03-18	10:00:00"	18.36	19.64	10.02	26.05	15.1	17.49	15.45	23.07	55.78	58.3	-2.528	22.43	19.35	26.309	293.77	0
"2013-03-18	11:00:00"	18.25	29.97	8.26	24.86	15.49	30.07	11.53	23.07	53.62	57.7	-4.08	36.04	30.96	26.341	470.8	0
"2013-03-18	12:00:00"	14.99	40.88	10.9	21.28	12.77	41.59	12.59	20.09	54.83	57.93	-3.095	36.95	32.58	26.358	618.68	0
"2013-03-18	13:00:00"	10.65	48.61	15.24	17.1	9.16	49.96	16.97	15.91	57.15	59.34	-2.193	33.9	30.43	26.365	666.9	0
"2013-03-18	14:00:00"	7.331	82.6	30.15	14.72	6.327	81.9	32.87	12.93	59.94	61.74	-1.8	29.96	27.01	26.351	788.36	0
"2013-03-18	15:00:00"	5.229	136.4	48.99	12.33	4.566	132.1	44.02	9.95	63.78	64.98	-1.202	23.79	21.48	26.324	597	0
"2013-03-18	16:00:00"	6.896	175.4	30.15	12.93	5.926	175.1	35.69	12.33	66.67	67.88	-1.212	19.45	17.28	26.294	599.42	0
"2013-03-18	17:00:00"	6.71	211.2	25.18	18.3	5.715	211.5	31.21	17.7	69.52	70.77	-1.241	15.16	13.14	26.271	624.07	0
"2013-03-18	18:00:00"	13.33	197.9	20.53	23.66	10.85	196.9	23.4	20.68	72.13	73.74	-1.609	13.05	10.86	26.249	510.49	0
"2013-03-18	19:00:00"	12.21	211.6	16.08	23.07	9.99	209	18.69	18.89	73.27	74.07	-0.794	10.72	8.82	26.237	288.01	0
"2013-03-18	20:00:00"	11.73	244	19.89	22.47	9.56	246	23.83	21.28	73.29	73.28	0.01	7.043	5.375	26.235	73.909	0
"2013-03-18	21:00:00"	6.716	210.9	12.18	9.95	4.854	203.6	13.42	8.16	68.17	67.5	0.668	8.8	7.294	26.246	0.66391	0
"2013-03-18	22:00:00"	6.987	206.5	10.74	9.95	4.953	199.1	10.43	8.16	63.48	62.56	0.923	11.25	9.96	26.266	0	0
"2013-03-18	23:00:00"	5.735	208	13.05	9.35	3.786	199	14.18	8.16	60.6	59.43	1.167	12.84	11.96	26.283	0	0
"2013-03-19	00:00:00"	5.626	219.7	14.43	9.35	3.893	211.4	16.79	8.16	57.15	56.27	0.884	14.31	13.3	26.288	0	0
"2013-03-19	01:00:00"	5.576	224	24.99	9.35	3.838	216.5	29.46	6.964	57.04	55.73	1.31	14.65	13.83	26.289	0	0
"2013-03-19	02:00:00"	7.469	179.4	10.02	11.14	5.278	176.2	10.96	8.75	54.85	53.47	1.383	16.92	16.31	26.283	0	0
"2013-03-19	03:00:00"	8.98	182.4	8.9	17.7	6.601	180.8	13.28	14.12	54.92	53.93	0.99	20.52	19.52	26.281	0	0
"2013-03-19	04:00:00"	7.35	194.8	11.52	11.14	5.301	196.6	15.98	8.75	52.81	52.2	0.602	23.12	22	26.279	0	0
"2013-03-19	05:00:00"	6.631	217.6	27.06	11.74	4.931	220.1	32.19	8.75	53.59	52.56	1.024	22.65	21.93	26.277	0	0
"2013-03-19	06:00:00"	6.274	229.4	11.47	9.35	4.804	227.4	14.53	7.561	51.34	50.75	0.599	24.25	23.17	26.274	0	0
"2013-03-19	07:00:00"	4.311	230	14.7	7.561	2.796	227.8	21.92	5.771	51.02	49.88	1.143	24.91	24.23	26.279	0	0
"2013-03-19	08:00:00"	4.981	215.8	14.45	8.16	3.112	215.4	23.66	6.368	51.13	49.33	1.807	24.74	24.84	26.283	0.41874	0
"2013-03-19	09:00:00"	5.704	234	12.2	8.16	4.104	236.2	15.16	6.964	50.6	49.93	0.671	25.21	24.58	26.297	92.147	0
"2013-03-19	10:00:00"	5.378	242.9	11.23	8.16	4.937	243.8	11.96	8.16	54.09	54.77	-0.678	23.52	21.81	26.311	298.87	0
"2013-03-19	11:00:00"	5.248	291.8	26.49	8.75	4.017	293.3	27.05	8.16	60.86	61.62	-0.763	17.33	15.68	26.306	334.29	0
"2013-03-19	12:00:00"	5.409	266.5	21.57	8.16	4.617	263.2	22.57	7.561	67.17	68.14	-0.971	12.53	10.89	26.302	438.18	0
"2013-03-19	13:00:00"	6.317	276.6	19.93	11.74	5.002	275.6	24.03	9.95	70.96	72.06	-1.1	9.38	7.713	26.294	395.56	0
"2013-03-19	14:00:00"	8.57	294.7	15.88	15.31	6.172	296.2	17.37	12.33	72.06	73.35	-1.285	8.55	6.82	26.291	348.85	0
"2013-03-19	15:00:00"	8.74	294.9	22.47	17.1	5.838	296.5	24.2	14.72	72.29	73.39	-1.101	9.59	7.815	26.28	305.62	0
"2013-03-19	16:00:00"	10.42	288	14.13	15.91	5.581	289.2	15.6	13.52	71.91	72.76	-0.849	11.03	9.28	26.27	210.51	0
"2013-03-19	17:00:00"	7.795	342.3	29.21	13.52	2.194	340.8	28.46	11.74	72.1	72.88	-0.786	10.27	8.58	26.267	226.25	0
"2013-03-19	18:00:00"	14.34	55.58	13.65	23.66	11.37	56.58	14.85	20.09	70.57	71.05	-0.481	14.88	13.02	26.272	187.35	0
"2013-03-19	19:00:00"	17.99	50.52	9.85	24.86	14.2	51.93	11.42	21.87	67.98	68.57	-0.589	17.36	15.47	26.287	171.06	0
"2013-03-19	20:00:00"	16.79	54.36	9.6	26.65	13.06	56.02	10.97	21.28	64.97	65.39	-0.42	20.21	18.31	26.314	54.549	0
"2013-03-19	21:00:00"	12.98	56.08	7.858	18.3	9.56	57.61	9.54	14.72	60.28	60.5	-0.217	26.93	25.11	26.346	0.55171	0
"2013-03-19	22:00:00"	16.8	58.04	8.32	26.65	12.84	59.77	9.72	23.07	56.59	56.97	-0.378	41.85	39.67	26.395	0	0
"2013-03-19	23:00:00"	18.31	56.7	8.49	31.42	14.07	58.84	10.04	25.45	53.37	54.03	-0.665	49.11	46.71	26.443	0	0
"2013-03-20	00:00:00"	16.61	56.18	8.61	28.43	12.74	58.4	10	21.87	49.52	50.42	-0.891	52.59	49.85	26.474	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-20	01:00:00"	13.79	55.31	8.85	20.09	10.55	57.54	10.3	17.1	47.12	47.75	-0.627	57.72	55.3	26.493	0
"2013-03-20	02:00:00"	11.24	50.06	7.752	17.1	8.51	50.87	9.45	14.72	45.09	45.4	-0.309	62.48	60.41	26.496	0
"2013-03-20	03:00:00"	11.6	24.17	14.06	17.1	9.26	20.61	17.81	15.31	43.97	44.4	-0.428	65.54	63.6	26.517	0
"2013-03-20	04:00:00"	10.09	16.01	11.66	15.91	7.596	10.69	16.2	12.93	41.76	41.81	-0.042	69.85	68.26	26.53	0
"2013-03-20	05:00:00"	9.04	8.35	7.89	11.74	6.258	358.9	12	9.35	39.58	39.1	0.476	75.03	74.15	26.535	0
"2013-03-20	06:00:00"	9.85	16.28	5.729	12.93	7.075	9.95	12.93	9.95	38.81	39.1	-0.29	76.73	75.3	26.539	0
"2013-03-20	07:00:00"	8.21	14.06	6.693	11.14	5.462	5.091	11.8	8.16	36.8	36.63	0.171	78.14	76.78	26.554	0
"2013-03-20	08:00:00"	8.85	6.042	8.46	10.54	5.439	355.6	11.9	7.561	36.3	35.08	1.224	79.3	79.51	26.578	1.4042
"2013-03-20	09:00:00"	9.32	11.2	7.726	12.93	6.989	5.555	12.34	11.14	37.95	37.87	0.078	77.78	78.06	26.605	89.394
"2013-03-20	10:00:00"	10.41	38.56	14.78	14.12	8.81	38.81	17.42	12.93	43.55	44.63	-1.082	61.72	59.39	26.624	294.94
"2013-03-20	11:00:00"	11.49	73.37	16.69	18.89	9.29	73.18	17.37	15.31	48.47	50.07	-1.597	41.78	38.71	26.63	507.7
"2013-03-20	12:00:00"	14.04	110	15.19	23.07	11.7	109.9	16.67	19.49	52.08	54.51	-2.429	33.4	29.95	26.617	688.49
"2013-03-20	13:00:00"	15.35	126.7	14.95	24.26	12.92	126.8	15.74	27.84	54.62	57.6	-2.983	28.46	24.76	26.598	813.01
"2013-03-20	14:00:00"	15	144	22.05	26.05	12.77	143.3	22.21	22.47	56.76	59.91	-3.148	29.11	25.18	26.553	835.61
"2013-03-20	15:00:00"	14.45	156.6	19.59	23.66	12.06	155.4	20.52	20.68	58.37	61.23	-2.853	28.2	24.54	26.511	715.09
"2013-03-20	16:00:00"	13.44	171.6	18.89	23.66	11.04	170.4	20.45	19.49	59.65	62.24	-2.592	27.78	24.31	26.466	623.08
"2013-03-20	17:00:00"	13.9	169.3	12.51	21.28	11.55	166.9	14.89	18.89	60.99	63.2	-2.205	27.35	24.12	26.423	552.15
"2013-03-20	18:00:00"	13.77	168	12.67	20.68	11.3	165.5	14.1	18.3	61.87	63.29	-1.421	27.09	24.44	26.393	322.25
"2013-03-20	19:00:00"	13.51	175.4	12.48	21.28	10.93	173.3	14.62	18.3	62.44	63.43	-0.995	26.82	24.47	26.364	174.41
"2013-03-20	20:00:00"	12.98	180.1	8.28	18.89	10.29	177.7	10.24	15.91	61.75	62.08	-0.337	29.38	27.45	26.34	29.317
"2013-03-20	21:00:00"	8.67	186.9	8.37	13.52	5.133	185	10.79	11.74	59.15	59.13	0.023	34.15	32.53	26.337	0.30137
"2013-03-20	22:00:00"	5.376	193.1	10.52	9.35	1	193.4	12.46	1	56.31	55.9	0.405	38.4	37.19	26.326	0
"2013-03-20	23:00:00"	4.018	198	7.462	5.771	1	197.4	9.6	1	55.45	54.79	0.668	40.28	39.14	26.317	0
"2013-03-21	00:00:00"	4.198	175.4	10.16	8.16	1	160.7	18.32	1	54.51	53.07	1.44	41.9	41.53	26.298	0
"2013-03-21	01:00:00"	10.39	176.7	8.84	16.51	6.787	173.2	11.37	14.72	54.42	53.74	0.684	43.48	42.64	26.274	0
"2013-03-21	02:00:00"	10.72	187.6	7.911	17.1	8.15	187.4	10.63	14.12	52.42	52.47	-0.055	50.31	48.43	26.244	0
"2013-03-21	03:00:00"	11.71	187.1	9.34	19.49	9.13	187	12.67	16.51	52.06	51.91	0.151	55.48	54	26.203	0
"2013-03-21	04:00:00"	12.25	183.3	8.56	17.7	9.64	183.2	11.44	17.1	52.21	52.08	0.135	62.24	60.87	26.183	0
"2013-03-21	05:00:00"	9.54	191.9	12.3	12.93	7.203	190.9	13.7	11.14	50.3	50.22	0.077	68.98	67.38	26.148	0
"2013-03-21	06:00:00"	9.96	204	10.4	14.72	7.854	200.7	10.25	11.74	49.55	49.47	0.077	75.91	74.45	26.122	0
"2013-03-21	07:00:00"	9.91	207	10.88	14.72	7.968	201.5	11.33	12.93	48.11	48.15	-0.041	80	78.47	26.105	0
"2013-03-21	08:00:00"	9.87	209.9	11.93	15.91	7.781	204.3	13.33	13.52	47.34	47.36	-0.023	83.2	81.7	26.1	0.56286
"2013-03-21	09:00:00"	10.12	211.7	12.45	15.31	8.1	206.2	14.41	15.31	47.22	47.41	-0.19	84.7	83.2	26.092	70.377
"2013-03-21	10:00:00"	8.16	212.1	12.22	13.52	6.336	211.7	15.3	11.74	49.92	50.32	-0.401	81.2	79.73	26.1	217.87
"2013-03-21	11:00:00"	8.35	232.2	19.42	14.12	6.772	231.7	22.97	12.33	55.58	56.44	-0.856	64.99	62.45	26.106	474.28
"2013-03-21	12:00:00"	11.35	265.6	13.1	20.09	9.14	267.9	13.93	18.3	65.63	67.09	-1.457	36.92	34.21	26.095	670.4
"2013-03-21	13:00:00"	14.99	281.4	16.51	23.66	10.88	283.2	17.36	20.09	72.85	75.16	-2.305	19.09	16.66	26.063	832.28
"2013-03-21	14:00:00"	17.7	282.3	15.34	32.61	12.71	283.3	16.04	27.84	75.44	78.34	-2.899	15.44	12.85	26.042	894.11
"2013-03-21	15:00:00"	18.78	281.4	16.39	32.61	13.29	284.3	17.11	26.65	77.16	79.99	-2.827	13.77	11.25	26.011	792.75
"2013-03-21	16:00:00"	18.15	282.6	21.35	31.42	12.21	284.9	22.26	25.45	79.22	82.2	-3.03	13.13	10.57	25.974	867.27
"2013-03-21	17:00:00"	17.16	281	14.48	32.61	12.44	283.2	15.69	25.45	79.5	81.8	-2.3	12.41	10.06	25.959	533.03
"2013-03-21	18:00:00"	23.45	291.6	11.95	39.17	14.48	293.5	13.12	27.24	80.4	82	-1.548	9.75	7.742	25.95	420.55
"2013-03-21	19:00:00"	21.22	291	10.31	35.59	13.3	293.1	12.11	26.05	79.72	81.2	-1.496	9.02	7.034	25.961	333.29
"2013-03-21	20:00:00"	16.31	282.2	9.95	28.43	11.03	284.4	11.31	21.87	77.99	78.06	-0.078	9.64	7.951	25.974	69.855
"2013-03-21	21:00:00"	10.21	281.4	7.087	17.1	6.326	287.5	9.26	12.93	73.84	72.25	1.595	11.47	10.43	25.991	0.51497

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-21	22:00:00"	10.28	260.4	8.25	15.91	8.11	266.6	8.47	12.33	69.37	68.8	0.569	14.38	12.94	26.012	0
"2013-03-21	23:00:00"	7.924	251.9	11.5	13.52	4.863	251.8	13.8	11.14	66.68	65.96	0.727	17.64	16.33	26.032	0
"2013-03-22	00:00:00"	9.51	264.6	10.89	15.91	4.944	266.4	11.59	14.12	64.62	63.49	1.125	19.25	18.24	26.043	0
"2013-03-22	01:00:00"	10.44	293.9	6.796	15.31	3.697	299.9	8.9	9.35	62.79	61.06	1.73	20.89	20.45	26.043	0
"2013-03-22	02:00:00"	10.2	291.3	5.629	14.12	4.04	296.9	7.851	9.95	62.59	60.42	2.172	21.92	21.8	26.04	0
"2013-03-22	03:00:00"	9.7	298.5	6.185	12.33	3.276	303.8	7.502	5.771	59.65	56.97	2.673	24.39	24.86	26.04	0
"2013-03-22	04:00:00"	14.03	318	5.875	19.49	8.61	319.1	7.879	14.72	57.3	55.95	1.352	26.62	26.5	26.036	0
"2013-03-22	05:00:00"	14.33	323.2	14.37	20.68	9.76	322.4	16.79	15.91	57.55	57.46	0.086	25.81	24.89	26.032	0
"2013-03-22	06:00:00"	6.643	262.4	28.89	11.74	3.585	265	41.3	10.54	52.14	50.48	1.664	30.26	30.18	26.06	0
"2013-03-22	07:00:00"	11.38	354.5	18.48	15.31	7.477	353.8	14.32	11.14	51.91	48.71	3.195	25.94	28.15	26.088	0
"2013-03-22	08:00:00"	13.81	27.05	10.23	19.49	10.89	26.22	13.19	17.1	46.54	47.91	-1.374	39.12	35.6	26.111	0.83614
"2013-03-22	09:00:00"	16.62	39.32	8.33	24.86	13.54	39.89	10.19	22.47	44.68	46.16	-1.479	62.29	58.04	26.141	81.851
"2013-03-22	10:00:00"	19.87	49.58	10.07	28.43	15.9	51.3	12.03	25.45	46.04	47.87	-1.835	74.51	69.55	26.16	194.2
"2013-03-22	11:00:00"	19.23	53.95	10.28	27.84	15.16	55.77	12.07	24.26	47.92	49.6	-1.685	72.42	68.11	26.171	349.99
"2013-03-22	12:00:00"	14.86	60.79	14.06	22.47	12.15	61.61	15.08	20.09	48.13	50.27	-2.144	69.44	63.94	26.199	487.32
"2013-03-22	13:00:00"	13.26	43.11	14.1	21.28	11.3	43.48	16.25	18.89	50.15	52.74	-2.585	63.17	57.03	26.205	784.75
"2013-03-22	14:00:00"	11.72	40.73	17.23	19.49	9.92	41.39	20.24	17.1	52.66	55.48	-2.825	57.6	51.19	26.194	840.24
"2013-03-22	15:00:00"	7.063	50.16	36.62	14.72	5.657	50.91	42.39	14.12	56.2	58.48	-2.287	49.7	44.54	26.168	841.6
"2013-03-22	16:00:00"	7.093	70.25	38.02	13.52	5.669	72.11	44.17	12.33	59.19	60.82	-1.629	43.06	39.24	26.131	548.96
"2013-03-22	17:00:00"	6.93	72.23	26.08	14.72	5.613	72.35	27.62	12.33	62.79	64.73	-1.943	36.58	33.18	26.102	684.02
"2013-03-22	18:00:00"	6.79	101.4	25.26	14.12	5.549	101.2	28.68	12.33	65.53	66.83	-1.298	32.27	29.56	26.082	515.26
"2013-03-22	19:00:00"	7.067	106.3	22.72	13.52	5.912	106.8	25.69	12.93	66.72	67.72	-1.005	29.81	27.37	26.066	280.14
"2013-03-22	20:00:00"	11.28	121.3	11.29	16.51	8.9	121.4	12.32	14.12	65.51	66.02	-0.511	31.22	29.06	26.062	50.712
"2013-03-22	21:00:00"	12.46	110.3	8.65	21.28	9.8	109.4	10.14	17.1	62.5	62.75	-0.25	35.63	33.85	26.067	0.49425
"2013-03-22	22:00:00"	18.57	132.7	10.55	31.42	14.85	132.5	10.97	25.45	60.76	61.19	-0.426	38.94	36.98	26.067	0
"2013-03-22	23:00:00"	13.54	136.9	44.16	24.86	10.95	135.8	44.76	21.28	57.71	57.99	-0.287	44.85	42.65	26.083	0
"2013-03-23	00:00:00"	11.48	82.5	34.04	19.49	8.79	82.4	35.77	16.51	55.07	55.17	-0.098	49.26	47.34	26.112	0
"2013-03-23	01:00:00"	11	91.6	19.93	16.51	8.43	91	21.14	13.52	51	51.21	-0.209	57.74	55.58	26.113	0
"2013-03-23	02:00:00"	8.49	80.6	23.77	11.74	6.307	79.17	25.09	9.35	48.43	48.54	-0.111	63.14	61.21	26.125	0
"2013-03-23	03:00:00"	6.964	66.4	18.56	10.54	5.057	64.22	21.86	9.95	46.05	46.09	-0.043	68.52	66.62	26.126	0
"2013-03-23	04:00:00"	8.34	77.15	19.95	11.14	5.776	76.29	22.32	9.35	43.93	43.86	0.075	72.26	70.42	26.116	0
"2013-03-23	05:00:00"	8.87	70.53	24.59	13.52	6.281	69.24	26.64	11.14	41.86	41.88	-0.02	75.44	73.5	26.096	0
"2013-03-23	06:00:00"	7.884	79.36	31.15	12.93	5.507	74.94	37.1	10.54	40.7	40.63	0.072	77.64	75.91	26.082	0
"2013-03-23	07:00:00"	5.184	2.352	24.82	8.75	1.229	352.4	29.12	6.368	38.03	37.01	1.02	81.1	79.77	26.094	0
"2013-03-23	08:00:00"	4.838	24.89	18.82	9.35	1	10.36	16.73	1	39.31	35.59	3.721	80.7	80.8	26.1	1.6935
"2013-03-23	09:00:00"	3.004	85.9	63.8	5.771	1	59.81	86.8	1	39.68	37.89	1.787	80.6	80.4	26.119	98.524
"2013-03-23	10:00:00"	5.846	209.4	29.15	12.93	3.939	209.4	32.07	11.14	45.66	46.27	-0.609	70.71	68.79	26.136	305.63
"2013-03-23	11:00:00"	9.18	227	15.16	15.91	7.723	226.6	17.19	14.12	54.41	55.41	-0.999	50.88	48.21	26.137	519.26
"2013-03-23	12:00:00"	22.43	264.6	18.91	35	17.96	268.1	20.7	33.8	66.15	67.19	-1.034	25.3	23.15	26.118	703.66
"2013-03-23	13:00:00"	21.05	269.4	15.4	33.8	16.47	272.2	16.05	28.43	68.64	70.55	-1.917	18.94	16.47	26.103	846.55
"2013-03-23	14:00:00"	21.62	269.5	16.67	34.4	16.69	272.6	17.35	29.03	70.01	72.53	-2.515	16.42	13.81	26.082	896.96
"2013-03-23	15:00:00"	23.86	268.7	14.51	40.36	18.6	271.8	15.74	35	71.44	73.8	-2.365	14.21	11.72	26.056	884
"2013-03-23	16:00:00"	23.93	267.3	12.29	42.75	18.89	270.6	13.44	37.38	72.65	74.92	-2.278	11.24	8.93	26.028	839.26
"2013-03-23	17:00:00"	26.9	267.9	12.85	43.35	21.28	270.9	14.05	36.78	73.57	75.46	-1.887	7.745	5.636	26.01	697.54
"2013-03-23	18:00:00"	27.33	269.9	11.33	43.94	21.55	272.6	12.1	36.19	73.56	74.84	-1.278	7.378	5.385	26.009	497.51

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-23	19:00:00"	26.48	270.4	9.77	39.77	20.94	273.2	10.28	37.38	73.47	74.1	-0.631	6.878	5.024	26.013	244.41	0	
"2013-03-23	20:00:00"	28.64	305	34.74	49.91	22.07	305	33.06	40.96	70.2	70.91	-0.709	4.295	2.568	26.052	39.872	0	
"2013-03-23	21:00:00"	30.16	351.2	12.9	47.52	24.03	347.2	12.72	41.56	57.48	58.86	-1.377	7.581	5.65	26.147	0.43969	0	
"2013-03-23	22:00:00"	32.61	354.8	15.41	48.71	26.15	351.1	15.48	42.75	50.27	52.11	-1.841	7.369	5.155	26.214	0	0	
"2013-03-23	23:00:00"	29.01	14.5	9.39	42.75	23.48	10.84	16.11	35	41.89	45.64	-3.751	34.62	27.97	26.298	0	0	
"2013-03-24	00:00:00"	27.84	17.78	6.521	40.36	22.49	15.07	13.38	35	36.76	40.67	-3.907	48.52	39.19	26.342	0	0	
"2013-03-24	01:00:00"	28.68	18.92	6.641	40.96	23.22	16.32	12.92	35	31.91	35.71	-3.809	48.6	39.47	26.363	0	0	
"2013-03-24	02:00:00"	26.32	19.66	7.213	37.38	21.4	17.12	13.47	30.22	29.62	33.45	-3.831	47.74	39.01	26.382	0	0	
"2013-03-24	03:00:00"	19.25	19.43	7.663	32.61	15.71	16.95	12.58	30.22	27.87	31.3	-3.43	47.61	40.23	26.414	0	0	
"2013-03-24	04:00:00"	9.8	6.186	14.78	21.28	7.634	0.974	16.55	17.7	26.49	28.3	-1.809	47.58	43.02	26.456	0.00221	0	
"2013-03-24	05:00:00"	8.34	341.2	7.088	12.33	6.018	336.5	8.29	9.95	24.95	24.96	-0.011	49.9	48.3	26.459	0.00701	0	
"2013-03-24	06:00:00"	6.825	330.2	13.78	11.74	4.1	326.1	13.43	9.35	23.95	23.59	0.357	49.86	48.91	26.465	0.10666	0	
"2013-03-24	07:00:00"	8.01	314.6	7.52	10.54	4.411	316.5	10.07	6.964	22.98	22.57	0.409	49.7	49.29	26.482	0.10407	0	
"2013-03-24	08:00:00"	6.593	300.3	8.32	9.35	3.334	301.8	10.15	5.771	22.93	22.64	0.287	48.45	47.77	26.498	2.0369	0	
"2013-03-24	09:00:00"	6.286	308.4	8.15	9.35	3.872	309.3	9.77	7.561	23.16	23.86	-0.705	47.75	45.76	26.51	103.33	0	
"2013-03-24	10:00:00"	11.36	354.8	23.15	18.89	9.42	350.5	21.31	17.1	27.41	31.34	-3.926	42.1	37.34	26.532	312.62	0	
"2013-03-24	11:00:00"	11.42	10.68	15.04	17.1	9.65	5.583	19.26	17.1	29.89	34.52	-4.634	38.73	33.34	26.538	525.08	0	
"2013-03-24	12:00:00"	8.69	16.15	26.91	15.31	7.147	13.1	30.21	14.12	32.57	36.45	-3.873	35.22	30.48	26.538	709.58	0	
"2013-03-24	13:00:00"	6.671	15.02	53.98	14.12	5.608	13.51	57.19	12.93	35.83	39.33	-3.502	30.31	26.18	26.516	843.35	0	
"2013-03-24	14:00:00"	5.524	75.8	60.58	14.12	3.877	78.41	64.13	12.33	38.61	41.45	-2.84	26.21	22.7	26.483	911.93	0	
"2013-03-24	15:00:00"	5.351	137	40.89	11.74	3.902	137.8	43.73	9.95	41.28	43.41	-2.134	23.33	20.41	26.444	891.92	0	
"2013-03-24	16:00:00"	4.606	260.1	100.9	10.54	3.915	237.9	101.7	9.95	44	46.05	-2.047	20.3	17.62	26.406	837.8	0	
"2013-03-24	17:00:00"	4.419	61.91	77.94	11.14	3.637	66.09	82.6	12.93	46.3	48.41	-2.107	18.1	15.51	26.373	705.55	0	
"2013-03-24	18:00:00"	5.66	69.28	74.53	13.52	4.701	73.75	72.41	11.14	48	49.65	-1.648	17.23	14.83	26.345	518.41	0	
"2013-03-24	19:00:00"	8.35	117.5	26.64	15.91	6.989	116.9	27.6	13.52	47.99	49.92	-1.924	17.26	14.63	26.334	304.64	0	
"2013-03-24	20:00:00"	9.52	120.8	15.41	14.72	7.791	120	16.28	12.33	47.33	48.34	-1.018	17.54	15.31	26.335	74.959	0	
"2013-03-24	21:00:00"	8.46	113.5	5.706	11.14	5.768	110.1	7.627	8.75	44.16	43.96	0.2	19.13	17.41	26.338	1.158	0	
"2013-03-24	22:00:00"	9.44	109.1	5.488	11.74	5.845	103.4	7.432	8.16	40.36	39.66	0.706	21.78	20.36	26.351	0	0	
"2013-03-24	23:00:00"	9.39	116.6	6.255	12.93	6.049	113.3	8.54	9.95	38.8	37.89	0.909	22.82	21.76	26.37	0	0	
"2013-03-25	00:00:00"	9.79	114.3	7.292	15.91	7.526	110.6	9.85	11.14	38.18	37.97	0.212	23.42	21.91	26.384	0	0	
"2013-03-25	01:00:00"	10.32	105.2	5.425	13.52	7.197	101.3	6.445	10.54	35.51	35.01	0.503	25.23	23.97	26.4	0	0	
"2013-03-25	02:00:00"	10.64	81.3	13.78	13.52	7.658	78.68	14.51	11.74	32.98	33.14	-0.158	27.2	25.45	26.422	0	0	
"2013-03-25	03:00:00"	13.67	69.62	7.247	18.89	10.47	68.89	8.98	15.31	32.13	32.38	-0.252	28.01	26.43	26.448	0	0	
"2013-03-25	04:00:00"	15.57	67.81	7.812	23.07	12.18	67.57	9.39	18.89	30.78	31.7	-0.919	29.45	27.31	26.462	0	0	
"2013-03-25	05:00:00"	12.86	59.77	8.81	19.49	9.81	60.81	9.89	15.91	28.45	29.91	-1.466	32.72	30.08	26.475	0.00019	0	
"2013-03-25	06:00:00"	12.98	55	8.39	18.89	9.93	56.35	9.77	15.31	26.9	28.91	-2.013	36.24	32.97	26.485	0.0001	0	
"2013-03-25	07:00:00"	12.8	51.11	8.09	18.89	9.76	51.87	9.92	15.31	26.06	27.64	-1.587	39.42	36.39	26.508	0.00278	0	
"2013-03-25	08:00:00"	10.93	51.78	8.16	16.51	8.17	52.97	9.54	13.52	25.04	26.53	-1.484	42.93	39.44	26.531	2.6233	0	
"2013-03-25	09:00:00"	9.65	59.2	13.79	17.1	7.598	58.26	13.9	15.91	25.88	26.88	-0.992	43.61	40.86	26.561	110	0	
"2013-03-25	10:00:00"	13.01	84.5	10.42	18.3	10.69	83	12.08	15.31	30.91	32.7	-1.785	37.83	34.96	26.593	318.94	0	
"2013-03-25	11:00:00"	11.61	92.7	11.18	17.1	9.83	92.2	12.6	14.72	34.76	37.18	-2.424	31.97	28.56	26.615	530.84	0	
"2013-03-25	12:00:00"	12.56	100	13.83	20.68	10.66	100.4	16.17	17.1	38.08	40.64	-2.554	26.33	23	26.613	714.34	0	
"2013-03-25	13:00:00"	11.26	111.9	21.76	21.28	9.65	110.4	23.3	18.3	40.08	43.45	-3.366	23.44	19.72	26.6	845.4	0	
"2013-03-25	14:00:00"	8.57	138.6	39.49	19.49	7.461	138.6	42.35	18.3	41.72	45.18	-3.457	22.77	19.07	26.585	912.04	0	
"2013-03-25	15:00:00"	9.07	127.8	31.26	18.89	7.735	127.2	33.88	16.51	43.49	46.37	-2.873	21.64	18.33	26.562	892.82	0	

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-25	16:00:00"	7.927	140.7	45.18	17.1	6.916	139	47.52	14.72	45.2	47.68	-2.48	21	17.96	26.539	837.16	0	
"2013-03-25	17:00:00"	7.541	137	46.45	22.47	6.445	131.3	47.18	17.7	46.97	48.87	-1.905	19.39	16.74	26.519	704	0	
"2013-03-25	18:00:00"	7.734	123.8	30.03	16.51	6.725	120.9	33.03	14.72	47.93	49.57	-1.632	18.56	16.05	26.511	518.64	0	
"2013-03-25	19:00:00"	7.76	125.3	30.24	17.7	6.554	125.1	30.99	14.72	48.55	49.92	-1.372	18.31	15.93	26.517	306.09	0	
"2013-03-25	20:00:00"	9.56	113.4	11.95	15.31	7.876	112.8	13.39	13.52	48.26	49.22	-0.955	18.29	16.08	26.525	74.549	0	
"2013-03-25	21:00:00"	8.47	93.9	11.32	11.14	5.831	91.2	12.92	8.75	44.35	44.26	0.086	20.74	18.93	26.539	1.1971	0	
"2013-03-25	22:00:00"	9.57	87.2	5.341	11.74	6.42	85.6	7.131	9.35	40.18	40.02	0.165	24.26	22.58	26.552	0	0	
"2013-03-25	23:00:00"	9.05	90.8	4.727	11.74	5.892	87.9	6.15	8.16	38.31	37.79	0.52	26.22	24.79	26.57	0	0	
"2013-03-26	00:00:00"	9.52	90.8	4.523	13.52	5.859	84.6	7.399	8.75	36.59	35.47	1.114	28.11	27.28	26.585	0	0	
"2013-03-26	01:00:00"	9.89	93.1	5.939	12.93	6.451	89.4	7.26	9.35	35.8	35.38	0.426	29.99	28.65	26.593	0	0	
"2013-03-26	02:00:00"	10.4	102.9	6.51	13.52	7.064	99.4	8.16	10.54	35.32	34.66	0.667	31.36	30.32	26.595	0	0	
"2013-03-26	03:00:00"	11.1	109.3	5.899	14.12	8.25	106.6	7.299	11.74	35.16	35	0.156	32.22	30.91	26.598	0	0	
"2013-03-26	04:00:00"	10.77	112.4	6.5	14.12	7.889	110.6	8.2	11.74	33.59	34.9	-1.306	34.13	31.75	26.596	0	0	
"2013-03-26	05:00:00"	11.89	119.8	6.794	15.31	8.92	119.3	8.48	12.93	32.77	33.45	-0.679	35.5	33.53	26.584	0	0	
"2013-03-26	06:00:00"	12.16	128.9	6.581	16.51	9.41	128.5	7.167	13.52	32.63	33.15	-0.522	35.38	33.83	26.579	0	0	
"2013-03-26	07:00:00"	11.95	135.5	6.731	16.51	9.43	134.2	7.06	14.12	32.46	33.02	-0.567	35.32	33.66	26.581	0	0	
"2013-03-26	08:00:00"	11.51	142.3	6.37	15.91	9.14	140.8	6.414	12.93	32.18	32.48	-0.3	36.12	34.61	26.591	3.0471	0	
"2013-03-26	09:00:00"	12.7	148.8	8.97	20.68	10.57	146.5	8.81	18.3	33.28	34.06	-0.779	35.23	33.41	26.602	114.77	0	
"2013-03-26	10:00:00"	14.79	163.1	10.96	24.86	12.21	160.2	12.05	21.87	38.34	39.8	-1.453	30.47	28.15	26.627	320.98	0	
"2013-03-26	11:00:00"	19.6	171.7	9.85	30.22	16.01	169.1	11.76	24.86	42.24	44.69	-2.458	25.77	22.76	26.62	531.81	0	
"2013-03-26	12:00:00"	19.93	174.6	10.24	28.43	16.17	172.1	12.43	23.66	46.13	49.03	-2.906	22.42	19.17	26.606	716.72	0	
"2013-03-26	13:00:00"	19.21	174.6	9.31	28.43	15.82	172.2	11.79	24.26	49.61	52.37	-2.76	21.05	17.87	26.583	846.41	0	
"2013-03-26	14:00:00"	18.92	177.5	10.31	30.22	15.39	175.3	13.17	25.45	52.97	55.78	-2.812	19.88	16.75	26.557	914.72	0	
"2013-03-26	15:00:00"	19.17	184.1	11.78	29.63	15.51	183.1	15.05	24.86	55.71	58.78	-3.07	18.61	15.44	26.527	882.38	0	
"2013-03-26	16:00:00"	20.31	180.8	11.12	30.82	16.44	178.9	14.16	26.65	57.73	60.6	-2.873	17.47	14.45	26.491	773.28	0	
"2013-03-26	17:00:00"	20.36	178.9	10.04	31.42	16.5	176.4	12.7	26.65	59.47	62.06	-2.586	16.52	13.7	26.46	636.25	0	
"2013-03-26	18:00:00"	19.65	176.6	10.57	32.01	15.8	174.1	13.12	26.05	60.95	63	-2.05	15.52	12.98	26.436	485.18	0	
"2013-03-26	19:00:00"	18.57	176.2	7.878	26.65	14.99	173.9	10.33	21.87	61.24	62.51	-1.263	15.24	13.04	26.422	229.86	0	
"2013-03-26	20:00:00"	15.73	169	9.24	23.66	12.7	166.7	10.42	19.49	60.1	60.33	-0.237	16.02	14.26	26.42	38.205	0	
"2013-03-26	21:00:00"	13.81	165.1	9.11	20.09	11.18	163	10.2	18.3	57.53	57.6	-0.062	17.92	16.26	26.418	0.42566	0	
"2013-03-26	22:00:00"	12.93	161.8	10.09	18.89	10.62	158.9	10.73	17.7	54.66	54.6	0.058	21.02	19.41	26.423	0	0	
"2013-03-26	23:00:00"	16.47	170.3	7.407	26.05	13.17	168.9	9.1	19.49	53.04	53.01	0.025	23.94	22.35	26.431	0	0	
"2013-03-27	00:00:00"	18.51	172.4	6.802	26.65	14.77	170.2	9.23	21.87	51.57	51.72	-0.146	26.65	24.99	26.432	0	0	
"2013-03-27	01:00:00"	18.33	176.7	6.468	24.86	14.55	174.6	8.85	21.87	50.24	50.39	-0.145	29.6	27.95	26.428	0	0	
"2013-03-27	02:00:00"	16.79	178.4	6.913	23.66	13.26	176.6	8.82	20.09	48.56	48.69	-0.13	33.02	31.4	26.419	0	0	
"2013-03-27	03:00:00"	14.75	181.5	7.598	21.28	11.75	180.4	10.15	18.3	46.86	46.85	0.015	36	34.54	26.407	0	0	
"2013-03-27	04:00:00"	11.85	188.4	8.71	17.7	9.26	188.7	12.09	15.31	45.21	45.1	0.104	38.95	37.56	26.389	0	0	
"2013-03-27	05:00:00"	11.96	184.8	8.28	17.7	9.46	184.8	10.9	14.72	44.29	44.12	0.166	42.06	40.55	26.366	0	0	
"2013-03-27	06:00:00"	7.993	187.4	9.61	12.93	5.923	189.1	12.57	11.14	42.63	42.31	0.318	46.56	45.17	26.366	0	0	
"2013-03-27	07:00:00"	6.129	190	7.205	10.54	3.182	192.8	10.24	7.561	40.85	40.38	0.468	50.46	49.25	26.369	0	0	
"2013-03-27	08:00:00"	7.518	190.1	7.899	11.74	4.936	194.4	10.84	8.75	39.89	39.54	0.358	53.59	52.3	26.373	4.0555	0	
"2013-03-27	09:00:00"	7.125	198.2	10.58	14.72	3.175	196.1	11.07	12.33	40.2	40.21	-0.019	55.46	53.79	26.394	113.05	0	
"2013-03-27	10:00:00"	12.04	187	9.99	16.51	9.45	186.1	12.81	14.72	47.24	48.16	-0.919	46.82	44.18	26.415	319.28	0	
"2013-03-27	11:00:00"	11.64	191.3	12.61	16.51	9.03	189.3	14.8	15.31	52.54	54.14	-1.603	38.4	35.43	26.42	499.6	0	
"2013-03-27	12:00:00"	10.07	195	15.66	17.1	8.19	193.6	18.31	15.91	57.99	59.89	-1.903	31.98	29	26.418	693.09	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-03-27	13:00:00"	9.78	204.4	18.9	17.7	8.26	203	22.01	15.31	63.77	65.34	-1.57	26.25	23.64	26.404	801.94	0
"2013-03-27	14:00:00"	10.85	210.2	17.98	18.89	9.2	209.7	20.43	16.51	68.25	69.75	-1.505	21.91	19.43	26.387	894.2	0
"2013-03-27	15:00:00"	9.96	201.3	22.75	18.89	8.36	200.5	26.16	16.51	72.23	73.77	-1.548	18.05	15.7	26.361	842.78	0
"2013-03-27	16:00:00"	12.4	189.6	19.79	20.68	10.27	188	22.43	18.3	74.55	76.31	-1.759	15.99	13.6	26.335	848.03	0
"2013-03-27	17:00:00"	13.48	191.5	17.71	23.07	11.1	189.5	19.89	21.28	75.48	77.04	-1.563	15.86	13.51	26.32	619.79	0
"2013-03-27	18:00:00"	15.63	184.8	10.39	23.07	12.7	183.3	13.41	19.49	74.68	75.47	-0.782	16.68	14.61	26.313	302.67	0
"2013-03-27	19:00:00"	13.46	187.5	14.75	20.09	10.87	185.4	16.47	18.89	75.14	75.88	-0.737	15.94	13.94	26.308	267.92	0
"2013-03-27	20:00:00"	12.79	180.5	8.75	20.09	10.29	178.5	10.74	17.1	74.06	74.21	-0.158	16.61	14.85	26.308	75.985	0
"2013-03-27	21:00:00"	13.56	173.3	6.89	18.89	10.53	170.5	8.75	16.51	69.97	69.78	0.189	22.07	20.44	26.32	0.83104	0
"2013-03-27	22:00:00"	13.14	170.3	7.786	20.09	10.31	168.3	9.31	15.91	65.87	65.62	0.258	29.31	27.8	26.34	0	0
"2013-03-27	23:00:00"	16.29	179.1	6.686	23.07	12.89	177.5	8.68	20.09	62.7	62.72	-0.018	38.03	36.35	26.362	0	0
"2013-03-28	00:00:00"	16.09	184.4	8.64	23.66	12.95	183.9	11.67	20.68	58.8	59.09	-0.285	47.7	45.57	26.377	0	0
"2013-03-28	01:00:00"	12.36	192	9.82	20.68	9.84	192.8	12.73	17.1	55.46	55.78	-0.315	56.53	54.4	26.38	0	0
"2013-03-28	02:00:00"	7.838	193.6	10.75	17.7	10	194.2	13.37	15.91	53.64	53.76	-0.125	63.28	61.58	26.372	0	0
"2013-03-28	03:00:00"	12.25	198.7	12.45	18.89	9.77	199.4	14.11	15.91	52.28	52.44	-0.164	67.59	65.92	26.373	0	0
"2013-03-28	04:00:00"	11.96	195.7	9.17	17.1	9.4	196.5	10.82	14.72	50.63	50.71	-0.082	72.82	71.2	26.365	0	0
"2013-03-28	05:00:00"	8.81	209.5	11.98	13.52	6.501	207.9	13.98	11.14	49.38	49.43	-0.054	76.82	75.33	26.361	0	0
"2013-03-28	06:00:00"	8.16	222.3	11.74	11.74	6.599	221	12.11	10.54	48.21	48.25	-0.043	79.26	77.75	26.359	0	0
"2013-03-28	07:00:00"	8.2	228.2	12.03	11.74	6.728	227.5	14.26	10.54	47.3	47.31	-0.008	82.2	80.8	26.36	0	0
"2013-03-28	08:00:00"	8.02	247	13.18	11.14	6.265	253.3	15.75	9.35	46.86	46.65	0.212	83.8	82.8	26.372	2.8091	0
"2013-03-28	09:00:00"	7.075	241.5	16.23	12.33	5.74	245.5	18.13	9.95	47.76	47.75	0.012	84.1	83.1	26.393	70.326	0
"2013-03-28	10:00:00"	7.094	231.2	18.03	11.74	6.03	231.3	21.46	11.74	50.15	50.59	-0.436	80.6	78.75	26.414	244.84	0
"2013-03-28	11:00:00"	7.104	225.8	17.52	10.54	6.056	227	20.18	10.54	55.28	56.19	-0.913	69.04	66.24	26.423	514.82	0
"2013-03-28	12:00:00"	4.178	215.8	41.98	7.561	3.06	214.1	44.27	6.964	62.4	63.46	-1.058	52.48	49.59	26.428	697.45	0
"2013-03-28	13:00:00"	4.518	128.9	79.38	11.14	3.203	128.8	74.79	11.74	70.13	71.46	-1.329	34.41	31.88	26.415	853.68	0
"2013-03-28	14:00:00"	5.358	65.29	76.05	10.54	4.465	70.9	78.97	9.35	75.23	77.15	-1.927	20.69	18.22	26.399	917.92	0
"2013-03-28	15:00:00"	5.804	140.1	55.58	12.93	5.115	141.4	51.84	11.74	77.1	78.84	-1.738	18.35	15.97	26.378	772.02	0
"2013-03-28	16:00:00"	8.92	192.9	39.68	17.7	7.425	188.6	44.6	17.1	79.1	81.3	-2.202	14.27	11.89	26.355	744.03	0
"2013-03-28	17:00:00"	6.722	178.4	68.27	16.51	5.483	177.9	68.6	14.12	79.19	80.8	-1.626	14.8	12.58	26.335	535.93	0
"2013-03-28	18:00:00"	9.5	193.9	20.59	18.3	7.611	190.7	22.67	17.1	80	81.7	-1.701	14.78	12.51	26.32	448.21	0
"2013-03-28	19:00:00"	7.761	177.8	15.95	14.12	6.28	174.7	19.64	12.33	79.4	79.94	-0.539	15.72	13.84	26.32	167.06	0
"2013-03-28	20:00:00"	7.502	196	22.46	11.74	5.892	193.5	22.35	10.54	78.77	78.81	-0.042	15.98	14.28	26.325	60.454	0
"2013-03-28	21:00:00"	5.639	187	9.63	10.54	3.44	183.2	14.21	8.16	75.26	73.94	1.32	16.85	15.96	26.336	0.77009	0
"2013-03-28	22:00:00"	6.993	184	20.91	13.52	5.015	183.3	29.69	11.14	69.92	69.39	0.535	26.65	24.92	26.361	0	0
"2013-03-28	23:00:00"	12.52	172.1	8.84	21.28	9.41	169	10.55	18.3	66.61	66.68	-0.076	46.26	44.12	26.378	0	0
"2013-03-29	01:00:00"	12.57	181.3	9.29	20.68	9.79	180.3	12.09	17.1	61.3	62.01	-0.704	64.35	61.58	26.402	0	0
"2013-03-29	02:00:00"	9.03	183.4	9.34	13.52	6.769	181.9	12.48	10.54	57.97	58.52	-0.551	74.09	71.75	26.405	0	0
"2013-03-29	03:00:00"	8.95	187.2	8.51	12.93	6.778	187.5	11.98	10.54	56.15	57.24	-1.087	78.8	75.42	26.403	0	0
"2013-03-29	04:00:00"	7.02	201.2	15.52	11.14	5.448	200.5	17.63	9.35	54.95	55.77	-0.813	81.7	78.95	26.401	0	0
"2013-03-29	05:00:00"	4.714	199.1	23.38	7.561	3.178	200	29.67	5.771	54.61	54.65	-0.043	82.9	80.9	26.391	0	0
"2013-03-29	06:00:00"	7.164	184.2	8.14	10.54	5.348	183.2	11.35	8.75	53.91	54.14	-0.235	84.5	82.8	26.386	0	0
"2013-03-29	07:00:00"	4.675	211	21.42	8.75	4.494	213.9	23.87	8.16	53.08	53.46	-0.377	86	83.7	26.384	0	0
"2013-03-29	08:00:00"	6.132	194.6	17	9.35	4.607	192.7	19.51	7.561	52.06	52.74	-0.68	87.2	84.3	26.398	2.3391	0
"2013-03-29	09:00:00"	6.944	193.4	19.45	11.74	5.174	194	24.7	9.95	52.22	53.03	-0.806	89.2	86.4	26.418	45.419	0
"2013-03-29	10:00:00"	11.03	191.3	10.03	16.51	8.85	191.2	13.26	14.12	54.31	56.72	-2.408	89.9	86.6	26.43	140.06	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-29	11:00:00"	9.18	188.9	14.15	15.91	7.324	187.4	16.72	13.52	57.52	60.07	-2.543	82.6	78.52	26.429	366.37	0	
"2013-03-29	12:00:00"	6.669	214.4	19.52	12.93	4.476	214.4	23.59	10.54	63.03	66.2	-3.173	68.07	61.87	26.421	631.46	0	
"2013-03-29	13:00:00"	5.726	222.2	27.5	11.74	2.731	219.9	34.39	9.35	68.53	71.21	-2.684	51.71	46.71	26.411	678.84	0	
"2013-03-29	14:00:00"	8.81	236	41.27	30.22	4.093	238.8	43.05	24.26	74.01	75.68	-1.667	33.21	30.31	26.396	479.65	0	
"2013-03-29	15:00:00"	9.93	276.4	31.08	22.47	7.253	277.1	32.2	20.68	76.98	79.69	-2.711	23.73	20.88	26.375	540.44	0	
"2013-03-29	16:00:00"	8.59	254.8	28.21	20.68	7.045	254.9	29.6	18.89	79.33	81	-1.665	16.57	14.32	26.348	643.16	0	
"2013-03-29	17:00:00"	11.31	239.6	20.2	22.47	9.36	241.1	22.67	19.49	79.93	81.7	-1.76	13.54	11.37	26.329	430.89	0	
"2013-03-29	18:00:00"	10.75	253.9	23.1	20.09	8.88	256.2	26.43	20.09	80.7	82.6	-1.954	12.34	10.14	26.313	489.71	0	
"2013-03-29	19:00:00"	11.61	271.1	22.76	21.28	8.19	274.7	23.8	17.7	80.3	81.1	-0.756	12.19	10.33	26.308	160.35	0	
"2013-03-29	20:00:00"	12.58	300.5	13.06	24.86	7.522	302.1	13.83	21.28	79.68	79.92	-0.243	12.8	11.1	26.31	74.498	0	
"2013-03-29	21:00:00"	10.53	335.6	10.27	25.45	7.322	334.8	12.94	19.49	75.09	73.63	1.457	16.14	15.11	26.323	1.7109	0	
"2013-03-29	22:00:00"	13.59	263.3	36.76	52.29	10.22	262.7	39.66	42.15	76.09	74.54	1.553	15.55	14.6	26.333	0	0	
"2013-03-29	23:00:00"	12.52	188.2	15.72	21.28	9.78	186.8	18.01	17.7	69.18	69.35	-0.173	39.96	37.63	26.357	0	0	
"2013-03-30	00:00:00"	11.75	191.6	11.02	20.68	9.14	192	12.94	16.51	64.52	64.44	0.08	58.38	56.72	26.374	0	0	
"2013-03-30	01:00:00"	8.28	202.3	14.37	12.93	6.512	200.6	15.22	11.74	61.3	61.45	-0.148	68.49	66.71	26.382	0	0	
"2013-03-30	02:00:00"	8.82	197.6	11.04	13.52	6.882	196.1	11.39	11.14	58.75	60.05	-1.297	75.39	71.6	26.379	0	0	
"2013-03-30	03:00:00"	6.983	210.4	13.41	10.54	5.445	208.2	14.75	8.16	56.91	57.6	-0.687	80.5	77.93	26.377	0	0	
"2013-03-30	04:00:00"	7.304	224.7	14.98	11.74	5.955	225.2	18.04	9.35	55.74	56.76	-1.018	83.2	80	26.371	0	0	
"2013-03-30	05:00:00"	7.909	238.5	9.86	10.54	6.442	241.3	11.69	9.95	54.46	55.08	-0.62	86.2	83.6	26.365	0	0	
"2013-03-30	06:00:00"	6.978	246.9	12.63	9.95	5.533	253.3	14.64	8.75	54.24	54.53	-0.299	87.8	85.5	26.362	0.44434	0	
"2013-03-30	07:00:00"	7.955	272.9	12.65	10.54	5.259	280.6	14.47	9.95	53.45	53.34	0.106	88.8	86.8	26.363	1.0754	0	
"2013-03-30	08:00:00"	7.107	287.7	11.45	10.54	3.597	291.6	12.64	6.964	50.91	50.86	0.051	89.3	87.7	26.367	6.1793	0	
"2013-03-30	09:00:00"	7.604	297.9	8.05	11.14	4.022	300.4	11.14	7.561	51.2	51.66	-0.457	90.4	89.1	26.377	121.25	0	
"2013-03-30	10:00:00"	7.266	292.3	16.73	11.14	4.936	294.8	17.53	9.35	53.48	54.47	-0.984	90.7	89.5	26.39	309.08	0	
"2013-03-30	11:00:00"	9.38	308.8	10.86	13.52	6.296	308.7	12.95	11.14	63.47	64.63	-1.159	62.09	61.74	26.385	539.62	0	
"2013-03-30	12:00:00"	8.97	341.9	19.41	15.31	5.64	338.3	18.97	13.52	74.39	76.41	-2.022	28.04	25.45	26.379	705.78	0	
"2013-03-30	13:00:00"	9.2	0.783	23.64	15.91	7.483	356.6	25.36	14.72	77.5	79.96	-2.454	16.55	14.22	26.371	823.72	0	
"2013-03-30	14:00:00"	7.297	341.9	53.03	14.12	3.444	341.5	57.37	13.52	79.19	81.4	-2.239	12.74	10.53	26.354	770.04	0	
"2013-03-30	15:00:00"	7.42	294.8	43.54	18.3	4.134	293.1	43.34	16.51	80.2	82.7	-2.506	11.31	9.13	26.335	826.99	0	
"2013-03-30	16:00:00"	8.22	285.8	68.08	22.47	6.253	282.2	69.93	19.49	80.7	84.3	-3.625	11.31	8.84	26.312	632.67	0	
"2013-03-30	17:00:00"	9.03	292.1	44.34	21.28	6.696	292.1	46.63	18.3	81.3	84.8	-3.555	10.84	8.42	26.287	434.84	0	
"2013-03-30	18:00:00"	10.17	269.5	24.27	18.3	7.566	271.2	25.66	15.91	81.5	83.6	-2.159	9.24	7.202	26.271	273.42	0	
"2013-03-30	19:00:00"	9.95	290	22.24	17.1	7.099	292.1	21.8	13.52	81.1	82.8	-1.688	9.24	7.323	26.262	166.57	0	
"2013-03-30	20:00:00"	7.534	264.4	17.74	13.52	5.235	267.9	17.61	10.54	79.65	80.3	-0.674	9.99	8.33	26.264	41.267	0	
"2013-03-30	21:00:00"	4.67	258.2	22.88	8.16	2.25	266.6	32.72	6.368	77.01	76.48	0.529	11.19	9.98	26.269	0.64703	0	
"2013-03-30	22:00:00"	4.052	267.7	10.51	6.368	1.232	292.1	21.04	5.175	75.27	73.1	2.17	11.89	11.41	26.279	0	0	
"2013-03-30	23:00:00"	4.724	269	18.15	7.561	2.408	286.1	26.56	9.95	73.41	70.65	2.754	13.07	13.3	26.294	0	0	
"2013-03-31	01:00:00"	11.29	267.8	20.07	33.8	8.56	269.9	21.64	24.86	74.97	74.33	0.638	14.86	13.55	26.304	0	0	
"2013-03-31	02:00:00"	13.98	265.7	9.59	23.07	11.11	269.7	10.51	20.68	74.98	74.56	0.424	15.48	14.07	26.296	0	0	
"2013-03-31	03:00:00"	10.54	286.3	7.213	16.51	6.329	289	8.75	12.93	72.73	72.61	0.125	16.24	14.86	26.295	0	0	
"2013-03-31	04:00:00"	6.584	264.9	12.85	11.14	4.08	266.5	15.16	8.16	69.71	69.32	0.385	18	16.76	26.289	0	0	
"2013-03-31	05:00:00"	7.239	277.5	17.51	15.31	3.433	281.4	20.19	10.54	67.65	66.57	1.077	19.99	19.24	26.277	0	0	
"2013-03-31	06:00:00"	9.66	302.7	18.14	13.52	5.552	305.7	20.3	10.54	66.85	68.06	-1.218	21.01	19.53	26.279	0	0	
"2013-03-31	07:00:00"	9.89	304.6	11.78	17.7	5.108	313.1	15.28	11.74	67.34	65.11	2.225	20.21	20.41	26.295	0	0	
"2013-03-31	08:00:00"	17.74	352.9	15.55	32.61	13.76	348.8	12.53	27.24	63.77	63.95	-0.174	25.09	23.68	26.313	2.8305	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-03-31	09:00:00"	26.11	21.41	16.15	37.38	21.46	19.53	20.45	32.61	57.37	60.97	-3.606	46.2	39.27	26.359	78.288	0
"2013-03-31	10:00:00"	26.97	43.27	8.57	37.38	21.92	43.87	10.37	34.4	55.36	58.65	-3.287	62.49	55.39	26.391	317.82	0
"2013-03-31	11:00:00"	26.69	55.71	11.25	36.19	21.14	56.88	12.62	31.42	57.1	60.63	-3.528	58.41	51.43	26.405	537.64	0
"2013-03-31	12:00:00"	22.73	62.76	12.1	32.01	18.13	63.35	12.86	27.24	59.65	62.62	-2.969	54.5	48.62	26.419	667.71	0
"2013-03-31	13:00:00"	18.41	57.89	14.31	29.63	15.07	58.64	15.67	24.86	62.79	65.61	-2.821	48.65	43.19	26.426	843.56	0
"2013-03-31	14:00:00"	14.04	50.69	17.76	23.07	11.75	50.79	19.28	21.28	64.93	67.72	-2.792	44.48	39.09	26.421	830.46	0
"2013-03-31	15:00:00"	11.78	74.83	25.89	19.49	9.95	74.77	26.84	18.3	67.31	70.05	-2.743	39.75	35.4	26.398	882.98	0
"2013-03-31	16:00:00"	8.42	73.43	34.67	17.7	6.673	73.06	37.72	17.1	68.9	71.06	-2.165	36.83	33.22	26.375	832.17	0
"2013-03-31	17:00:00"	5.648	39.92	57.65	13.52	4.485	38.34	60.62	12.93	70.08	71.91	-1.83	34.55	31.42	26.349	701.69	0
"2013-03-31	18:00:00"	5.703	10.52	66.1	15.31	4.413	10.38	67.44	14.72	71.39	73.38	-1.995	31.67	28.5	26.331	520.55	0
"2013-03-31	19:00:00"	5.013	300.5	58.66	10.54	3.578	301.6	57.95	8.75	72.14	73.54	-1.395	30.52	27.87	26.32	279.7	0
"2013-03-31	20:00:00"	4.857	31.21	45.77	9.95	3.902	29.37	47.39	8.16	71.61	72.38	-0.771	30.88	28.59	26.326	106.09	0
"2013-03-31	21:00:00"	6.542	73.37	7.57	8.16	3.865	71.58	11.13	6.368	68.89	67.82	1.066	33.52	32.39	26.335	2.0049	0
"2013-03-31	22:00:00"	8	87.6	5.418	10.54	3.792	78.34	8.35	5.771	65.23	62.68	2.554	37.42	37.46	26.351	0	0
"2013-03-31	23:00:00"	10.15	100.5	3.376	11.74	5.085	89.7	6.78	6.964	62.76	59.57	3.194	40.05	41.3	26.359	0	0
"2013-04-01	00:00:00"	11.27	117.2	7.607	16.51	7.79	114.8	10.59	13.52	61.13	60.62	0.509	43.48	42.85	26.363	0	0
"2013-04-01	01:00:00"	11.56	126.9	6.87	15.31	8.69	126.4	8.03	12.33	60	62.27	-2.264	46.53	42.57	26.359	0	0
"2013-04-01	02:00:00"	11.57	126.5	6.444	14.72	8.71	125.8	7.514	13.52	58.55	59.95	-1.405	50.31	47.03	26.354	0	0
"2013-04-01	03:00:00"	10.12	131.8	7.603	13.52	7.584	129.5	8.41	12.33	56.93	57.24	-0.306	53.77	52.12	26.355	0	0
"2013-04-01	04:00:00"	10.12	137.9	6.995	14.12	7.739	135.3	7.406	11.14	56.69	59.23	-2.537	55.68	51.55	26.352	0	0
"2013-04-01	05:00:00"	8.14	162.8	12.36	13.52	6.392	162.6	13.7	11.74	55.89	55.92	-0.036	58.42	56.8	26.349	0	0
"2013-04-01	06:00:00"	5.795	166.4	9.55	9.95	4.151	166	10.58	7.561	54.68	54.54	0.144	61.51	60.34	26.35	0	0
"2013-04-01	07:00:00"	6.537	172.1	7.099	9.95	4.607	169.2	8.66	6.964	53.49	53.57	-0.078	64.31	62.97	26.352	0	0
"2013-04-01	08:00:00"	3.336	148.8	19.36	6.368	1.471	109	49.37	3.982	53.31	52.52	0.799	65.83	65.39	26.358	5.6296	0
"2013-04-01	09:00:00"	5.872	145	21.16	11.74	3.144	131.9	35.07	9.95	55.41	54.39	1.018	65.69	65.78	26.364	127.33	0
"2013-04-01	10:00:00"	11.99	168.2	10.85	18.3	9.78	165.4	12.76	15.31	62.94	63.79	-0.846	57.29	54.96	26.363	331.56	0
"2013-04-01	11:00:00"	15.21	188.2	11.53	21.28	12.09	186.9	14.41	18.89	68.38	70.13	-1.749	49.27	45.43	26.36	549.15	0
"2013-04-01	12:00:00"	14.31	195.8	12	20.68	11.63	194.4	14.09	17.7	71.9	73.41	-1.51	42.03	38.68	26.356	730.27	0
"2013-04-01	13:00:00"	14.64	203.8	16.23	24.86	12.12	201.4	18.63	22.47	75.27	77.19	-1.916	34.83	31.71	26.347	845.53	0
"2013-04-01	14:00:00"	13.93	209	17.25	24.86	11.53	207.5	19.4	20.09	78.47	80.4	-1.94	26.6	23.71	26.324	917.17	0
"2013-04-01	15:00:00"	12.45	200.5	22.08	23.07	10.27	198.9	24.54	20.09	80	82.2	-2.112	20.64	17.95	26.298	909.49	0
"2013-04-01	16:00:00"	12.5	207	26.52	29.03	10.51	205.9	29.59	23.66	81.3	83.3	-1.993	17.24	14.71	26.267	829.59	0
"2013-04-01	17:00:00"	12.82	216.1	21.48	26.05	10.47	214.4	25.13	22.47	82.2	83.7	-1.533	15.16	12.89	26.241	641.29	0
"2013-04-01	18:00:00"	11.91	227.3	22.17	22.47	9.82	227.6	25.61	17.7	82.9	84.3	-1.378	14.03	11.84	26.213	520.34	0
"2013-04-01	19:00:00"	10.61	215.5	23.43	17.7	8.71	213.7	26.01	15.31	82.9	83.6	-0.723	14.2	12.23	26.195	282.33	0
"2013-04-01	20:00:00"	10.26	197.4	18.43	17.1	7.941	197.4	20.28	13.52	81.8	82	-0.153	14.72	12.98	26.191	103.96	0
"2013-04-01	21:00:00"	11.07	166.9	15.42	18.3	8.52	163.3	16.86	16.51	77.98	77.46	0.518	18.24	16.7	26.198	2.5146	0
"2013-04-01	22:00:00"	11.55	168.7	9.89	19.49	9.01	164.7	11.06	16.51	73.52	73.12	0.397	31.09	29.63	26.219	0	0
"2013-04-01	23:00:00"	16.23	183	8.31	29.63	12.85	181.7	10.75	24.26	71.4	71.34	0.06	40.53	38.79	26.243	0	0
"2013-04-02	00:00:00"	13.38	192.8	8.97	21.28	10.41	193	12.26	18.89	68.13	68.35	-0.221	53.45	51.39	26.253	0	0
"2013-04-02	01:00:00"	8.21	196.5	9.66	15.91	5.942	196.5	11.02	12.93	65.24	65.13	0.107	61.5	59.98	26.247	0	0
"2013-04-02	02:00:00"	5.388	198.3	14.08	8.16	1.674	195.8	14.57	7.561	63.11	62.73	0.377	65.42	64.27	26.235	0	0
"2013-04-02	03:00:00"	6.299	199	15.34	9.95	2.561	197.4	16.71	6.964	62.01	61.51	0.5	69.33	68.42	26.232	0	0
"2013-04-02	04:00:00"	9.04	136.9	59.43	25.45	5.351	135.2	60.75	20.09	59.69	60.05	-0.359	71.73	70.2	26.236	0	0
"2013-04-02	05:00:00"	15.9	67.47	7.424	22.47	12.29	67.6	9.44	18.3	53.19	54.94	-1.75	75.27	71.01	26.249	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-02	06:00:00"	15.58	46.03	14.99	22.47	12.5	46.45	16.08	19.49	49.48	52.02	-2.539	82	76.58	26.253	0	0	
"2013-04-02	07:00:00"	18.85	41.68	7.541	25.45	15.33	42.23	9.04	23.07	49.06	51.29	-2.234	83.4	78.12	26.275	0	0	
"2013-04-02	08:00:00"	20.88	39.02	7.443	29.03	17.12	39.41	9.08	26.05	46.98	49.84	-2.865	81.7	75.28	26.296	1.1386	0	
"2013-04-02	09:00:00"	21.34	35.01	6.852	29.63	17.8	35.14	9.21	26.05	43.59	46.75	-3.163	85.7	78.72	26.323	16.696	0	
"2013-04-02	10:00:00"	19.54	28.61	7.672	27.24	16.19	28.64	11.32	25.45	41.88	45.63	-3.75	86.8	78.59	26.349	54.716	0	
"2013-04-02	11:00:00"	19.41	28	6.905	27.84	16.17	27.55	10.48	25.45	41.25	45.63	-4.374	86.4	76.4	26.362	107.19	0	
"2013-04-02	12:00:00"	20.26	23.3	7.251	27.84	16.81	22.05	12.35	24.26	40.68	45.67	-4.983	84.4	72.42	26.371	173.6	0	
"2013-04-02	13:00:00"	19.57	21.84	7.997	26.05	16.14	19.63	14.53	23.07	39.94	45.54	-5.602	80.3	66.16	26.381	209.61	0	
"2013-04-02	14:00:00"	18.43	30.84	8.66	25.45	15.62	30.42	11.77	23.07	41.28	46.73	-5.45	75.73	63.11	26.364	368.71	0	
"2013-04-02	15:00:00"	16.73	43.29	11.11	23.07	13.96	44.29	12.94	20.09	43.49	47.56	-4.078	70.75	61.88	26.331	438.78	0	
"2013-04-02	16:00:00"	15.05	28.39	10.12	20.68	12.69	27.74	14.45	18.3	44.64	49.53	-4.885	68.33	58.55	26.319	250.55	0	
"2013-04-02	17:00:00"	13.87	41.5	13.19	20.09	11.76	42.04	15.31	18.89	45.39	48.92	-3.524	68.11	60.66	26.313	220.48	0	
"2013-04-02	18:00:00"	15.48	53.28	13.01	23.07	12.66	54.57	14.42	20.68	45.96	49.45	-3.487	68.34	61.29	26.293	181.4	0	
"2013-04-02	19:00:00"	18.25	45.83	9.49	26.05	14.83	45.95	11.33	22.47	45.34	49.66	-4.315	70.64	61.54	26.271	129.47	0	
"2013-04-02	20:00:00"	18.86	47.12	10.77	26.05	15.28	48.28	12.44	23.66	44.29	47.99	-3.705	72.79	64.54	26.276	37.18	0	
"2013-04-02	21:00:00"	15.38	47.77	11.33	23.66	12.46	48.32	12.89	20.09	43.1	46.43	-3.328	75.12	67.55	26.306	0.47407	0	
"2013-04-02	22:00:00"	17.45	42.48	7.104	24.26	14.28	42.95	8.76	21.87	41.41	44.27	-2.862	80	73.13	26.319	0	0	
"2013-04-02	23:00:00"	17.67	45.97	7.974	24.86	14.17	46.68	9.81	22.47	39.98	42.46	-2.475	84.6	78.75	26.339	0.11509	0	
"2013-04-03	00:00:00"	19.16	40.51	7.97	26.65	15.84	40.91	9.68	23.07	39.17	41.62	-2.446	85.2	79.7	26.369	0.17167	0	
"2013-04-03	01:00:00"	18.42	35.28	8.74	26.05	15.19	35.33	10.99	23.66	38.99	41.43	-2.436	83.4	78.45	26.376	0	0	
"2013-04-03	02:00:00"	16.91	30.56	7.995	23.66	14.09	30.42	10.67	21.87	38.81	41.5	-2.686	80.1	74.5	26.378	0	0	
"2013-04-03	03:00:00"	15.44	38.04	13.19	24.26	12.64	38.17	15.14	22.47	38.25	40.53	-2.281	80.1	74.2	26.37	0	0	
"2013-04-03	04:00:00"	14.65	33.45	8.93	21.28	12.26	33.51	11.53	18.89	38.06	40.96	-2.901	79.98	74.44	26.387	0	0	
"2013-04-03	05:00:00"	11	26.93	11.37	17.1	9.23	25.77	14.73	15.91	37.72	39.85	-2.129	79.57	74.37	26.404	0	0	
"2013-04-03	06:00:00"	10.5	12.26	8.38	15.31	8.62	7.358	13.33	13.52	37.93	40.13	-2.2	79.29	75.13	26.408	0	0	
"2013-04-03	07:00:00"	11.3	3.758	12.14	15.31	9.18	358	13.19	13.52	37.89	40.34	-2.445	79.6	75.41	26.412	0	0	
"2013-04-03	08:00:00"	11.81	1.887	12.78	17.1	9.64	356	12.95	14.72	37.68	39.97	-2.287	79.19	75.48	26.417	1.6107	0	
"2013-04-03	09:00:00"	13.9	4.394	12.25	19.49	11.34	358.7	14.87	17.7	37.59	41.3	-3.712	78.08	71.56	26.426	31.047	0	
"2013-04-03	10:00:00"	12.47	3.652	13	17.1	10.18	358	13.52	15.31	38.86	41.59	-2.734	72.67	67.31	26.445	95.181	0	
"2013-04-03	11:00:00"	12.81	10.44	11.95	18.89	10.64	5.559	16.51	17.7	41.07	44.48	-3.412	66.02	60.29	26.459	269.67	0	
"2013-04-03	12:00:00"	12.97	17.1	14.57	19.49	11.15	15.52	18.83	17.1	44.12	48.44	-4.316	60.34	52.42	26.464	539.74	0	
"2013-04-03	13:00:00"	10.99	20.92	18.24	18.3	9.52	19.7	22.99	17.7	46.21	50.08	-3.865	57.08	49.92	26.457	681.65	0	
"2013-04-03	14:00:00"	8.52	13.3	30.5	18.3	6.279	10.87	35.42	17.1	49.8	53.07	-3.275	51.45	44.92	26.445	789.17	0	
"2013-04-03	15:00:00"	7.455	358.9	42.95	17.1	5.109	355.1	47.37	15.91	53.46	56.64	-3.185	45.7	39.79	26.428	876.56	0	
"2013-04-03	16:00:00"	7.314	4.05	45.86	16.51	4.952	359.1	48.24	14.72	55.75	58.95	-3.201	42.38	37.08	26.408	871.14	0	
"2013-04-03	17:00:00"	9.33	16.62	24.21	20.68	6.243	13.16	31.37	16.51	57.32	60.28	-2.96	40.22	35.6	26.4	731.33	0	
"2013-04-03	18:00:00"	10.26	1.457	23.62	19.49	7.83	359.4	25.5	17.1	57.64	60.62	-2.979	38.91	34.45	26.399	537.25	0	
"2013-04-03	19:00:00"	9.87	14.04	23.41	17.1	7.858	11.52	26.23	14.72	57.23	59.3	-2.071	38.96	35.28	26.403	284.68	0	
"2013-04-03	20:00:00"	9.54	21.66	14.53	17.1	7.918	19.08	18.48	15.31	56.29	57.5	-1.203	38.91	36.2	26.425	116.69	0	
"2013-04-03	21:00:00"	7.234	40.56	11.26	11.14	5.351	41.21	13.88	9.35	53.74	53.53	0.203	41.63	39.87	26.437	2.2534	0	
"2013-04-03	22:00:00"	9.15	55.67	11.39	13.52	6.564	57.87	12.85	11.14	50.48	50.67	-0.188	46.29	44.12	26.45	0	0	
"2013-04-03	23:00:00"	9.05	72.15	7.28	12.33	6.172	69.83	9.67	9.95	45.69	45.71	-0.023	54.77	52.73	26.466	0	0	
"2013-04-04	00:00:00"	10.82	65.32	10.41	15.91	8.07	65.38	11.75	12.93	43.9	44.82	-0.918	59.1	56.17	26.471	0	0	
"2013-04-04	01:00:00"	8.55	77.72	9.42	12.93	6.399	76.74	10.38	9.35	41.93	42.36	-0.432	62.54	60.13	26.473	0	0	
"2013-04-04	02:00:00"	8.02	67.83	10.16	11.74	5.753	66.85	12.14	9.35	39.13	40.47	-1.337	67.07	63.34	26.468	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-04	03:00:00"	6.373	51.22	10.87	9.95	4.193	50.17	13.31	6.964	36.98	37.56	-0.573	69.85	67.4	26.475	0	0
"2013-04-04	04:00:00"	8.21	51.19	7.47	10.54	6.078	52.02	8.86	8.75	35.64	36.31	-0.675	71.73	68.88	26.467	0	0
"2013-04-04	05:00:00"	7.483	56.29	8.12	10.54	4.909	54.82	9.49	7.561	33.9	34.47	-0.566	74.16	71.17	26.456	0	0
"2013-04-04	06:00:00"	5.177	28.4	14.27	8.75	2.332	5.44	24.83	6.368	32.68	32.09	0.591	76.27	74.11	26.459	0	0
"2013-04-04	07:00:00"	5.401	25.79	8.93	8.16	1.632	8.06	12.36	6.368	31.47	30.46	1.004	78.01	76.37	26.465	0	0
"2013-04-04	08:00:00"	6.193	21.88	11.22	8.75	2.18	14.83	11.41	6.368	31.05	32.16	-1.109	79.54	75.06	26.48	8.4842	0
"2013-04-04	09:00:00"	6.279	25.84	12.88	8.75	5.038	22.86	16.73	7.561	33.43	38.41	-4.978	78.55	73.54	26.514	145.8	0
"2013-04-04	10:00:00"	4.16	62.52	57.46	8.16	3.02	60.65	58.72	7.561	38.57	40.17	-1.596	70.57	66.34	26.542	356.32	0
"2013-04-04	11:00:00"	3.072	216.2	46.67	5.771	1.184	217.8	45.59	4.578	43.21	44.11	-0.901	61.74	59.12	26.553	568.12	0
"2013-04-04	12:00:00"	6.585	242.4	32.75	12.93	5.405	241.7	38.05	12.93	48.19	50.06	-1.861	53.03	48.78	26.548	747.83	0
"2013-04-04	13:00:00"	6.823	233.7	26.21	12.93	5.303	235	30.95	13.52	53.64	55.74	-2.096	44.68	40.33	26.533	876.87	0
"2013-04-04	14:00:00"	7.299	236.2	24.27	13.52	5.648	236.3	27.93	12.93	60.1	62.13	-2.033	36.33	32.98	26.506	942.95	0
"2013-04-04	15:00:00"	6.415	236.8	45.35	14.12	5.039	236.4	51.85	12.33	65.31	67.12	-1.81	29.34	26.5	26.475	921.46	0
"2013-04-04	16:00:00"	7.45	287.2	42.07	16.51	5.839	288.2	44.06	13.52	68.65	70.96	-2.311	22.46	19.5	26.451	865.96	0
"2013-04-04	17:00:00"	7.096	326.9	52.95	18.89	5.369	325.9	58.34	14.12	71.2	73.34	-2.144	20.12	17.36	26.424	732.75	0
"2013-04-04	18:00:00"	7.956	311.2	46.59	20.09	5.709	309.6	48.46	14.72	72.64	74.44	-1.796	17.71	15.24	26.412	551.93	0
"2013-04-04	19:00:00"	7.096	1.827	42.76	13.52	5.521	2.161	46.11	11.74	73.49	75.09	-1.604	16.64	14.27	26.408	290.89	0
"2013-04-04	20:00:00"	4.775	43.17	14.6	11.74	3.242	45.19	16.11	9.95	72.74	72.76	-0.021	16.95	15.29	26.411	89.73	0
"2013-04-04	21:00:00"	5.138	103.8	29.12	7.561	1.204	105.6	26.43	3.982	69.75	67	2.748	18.47	18.28	26.419	3.1603	0
"2013-04-04	22:00:00"	7.322	166.6	17.61	11.14	5.158	163.2	21.57	8.75	66.08	64.77	1.317	22.04	21.18	26.439	0	0
"2013-04-04	23:00:00"	9.94	120.6	14.63	13.52	6.292	114.4	17.86	10.54	61.59	59.58	2.008	25.73	25.35	26.461	0	0
"2013-04-05	00:00:00"	10.81	140.2	13.77	15.91	7.831	136.5	14.91	13.52	60.47	59.36	1.111	27.12	26.4	26.47	0	0
"2013-04-05	01:00:00"	7.976	138.8	21.29	15.31	5.47	128.3	29.03	13.52	57.81	56.82	0.999	29.16	28.22	26.478	0	0
"2013-04-05	02:00:00"	8.7	115.2	19.61	12.93	5.092	106.5	20.47	8.16	54.22	52.54	1.676	32.7	32.49	26.485	0	0
"2013-04-05	03:00:00"	8.35	121.2	8.56	11.14	4.618	115.5	11.43	7.561	51.94	50.87	1.061	34.95	34.41	26.474	0	0
"2013-04-05	04:00:00"	7.6	121.1	7.404	11.14	4.092	112.5	10.32	6.368	50.24	48.81	1.427	37.48	37.11	26.456	0	0
"2013-04-05	05:00:00"	8.56	116.8	11.95	11.14	4.699	107.1	17.73	6.964	48.7	46.78	1.914	40.31	40.51	26.452	0	0
"2013-04-05	06:00:00"	6.38	140.7	16.93	11.14	4	125.5	34.75	8.16	49.63	48.33	1.301	42.69	42.4	26.447	0	0
"2013-04-05	07:00:00"	6.017	136.7	15.46	10.54	3.736	113.6	35.76	8.16	49.57	49	0.566	45.44	44.13	26.448	0	0
"2013-04-05	08:00:00"	7.072	133.3	17.38	11.74	4.182	115.4	30.35	8.75	49.47	48.68	0.788	47.46	46.32	26.451	6.8293	0
"2013-04-05	09:00:00"	7.261	129	18.5	14.12	4.294	112.1	28.23	11.74	49.22	48.33	0.884	47.69	47.05	26.462	138.25	0
"2013-04-05	10:00:00"	13.31	170.1	9.77	22.47	10.53	166.6	11.1	19.49	58.94	59.66	-0.719	35.18	33.54	26.468	366.32	0
"2013-04-05	11:00:00"	19.33	178.2	9	27.24	15.25	175.3	11.95	24.26	65.3	66.39	-1.094	24.98	22.91	26.454	518.36	0
"2013-04-05	12:00:00"	23.4	174.4	8.23	35	18.44	171.5	10.81	27.84	70.08	71.95	-1.869	17.24	14.93	26.434	708.29	0
"2013-04-05	13:00:00"	22.99	180.2	9.8	31.42	18.26	178.4	13.44	27.84	73.28	75.44	-2.161	14.35	11.94	26.414	863.33	0
"2013-04-05	14:00:00"	19.71	179.4	10.87	29.03	15.78	177.5	14.22	24.86	75.49	78.24	-2.75	15.68	12.95	26.384	846.06	0
"2013-04-05	15:00:00"	20.53	184.4	12.4	33.8	16.34	182.1	15.35	29.63	77.71	80.7	-2.988	16.1	13.28	26.348	904.88	0
"2013-04-05	16:00:00"	20.79	185.1	13.48	32.61	16.56	182.8	15.91	26.65	79.43	83.5	-4.037	12.82	9.95	26.315	664.49	0
"2013-04-05	17:00:00"	19.64	183.1	13.35	32.61	15.6	180.7	15.9	28.43	79.61	82.9	-3.258	12.14	9.58	26.278	392.27	0
"2013-04-05	18:00:00"	21.77	176.5	10.44	34.4	17.37	174.6	13.29	30.22	80.4	82.9	-2.434	11.03	8.72	26.249	410.04	0
"2013-04-05	19:00:00"	19.91	170.7	10	29.63	15.96	167.3	11.39	25.45	79.44	81	-1.565	11.59	9.5	26.246	155.47	0
"2013-04-05	20:00:00"	18.9	159.2	9.94	28.43	15.57	156.4	10.25	27.84	76.86	77.95	-1.091	12.75	10.76	26.24	51.407	0
"2013-04-05	21:00:00"	16.9	155.6	8.93	26.05	14.13	153.5	8.77	22.47	73.43	74.3	-0.869	15.32	13.39	26.24	1.3776	0
"2013-04-05	22:00:00"	16.58	154.7	8.72	26.05	13.6	152.1	9.02	23.07	69.74	70.4	-0.662	20.31	18.31	26.239	0	0
"2013-04-05	23:00:00"	14.34	163.3	11.03	21.87	11.55	161.5	11.9	18.89	66.47	67.22	-0.75	31.97	29.78	26.252	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-06	00:00:00"	16.18	173.7	7.718	27.84	12.66	170.9	10.47	21.28	64.15	64.97	-0.814	41.07	38.61	26.256	0	0
"2013-04-06	01:00:00"	18.92	177.2	6.656	30.22	14.87	174.8	9.38	24.26	61.94	62.9	-0.96	46.42	43.51	26.245	0	0
"2013-04-06	02:00:00"	15.23	179	7.32	20.68	11.9	176.7	9.89	17.1	59.45	60.52	-1.069	50.68	47.77	26.245	0	0
"2013-04-06	03:00:00"	12.68	186.7	9.42	21.28	9.91	186.9	12.44	18.3	57.36	58.31	-0.956	53.24	50.54	26.237	0	0
"2013-04-06	04:00:00"	10.94	193.8	8.4	16.51	8.29	195.5	10.9	13.52	55.32	56.06	-0.738	55.03	52.76	26.224	0	0
"2013-04-06	05:00:00"	10.13	202.6	9.25	14.72	7.906	200.8	9.77	11.14	53.48	54.22	-0.743	56.82	54.53	26.219	0	0
"2013-04-06	06:00:00"	8.13	207.1	11.28	11.74	6.326	203	11.84	9.95	51.77	52.27	-0.499	59.12	57.19	26.218	0	0
"2013-04-06	07:00:00"	7.569	217.7	13.5	12.33	5.884	214.9	17.16	9.95	50.8	51.11	-0.314	60.26	58.56	26.229	0	0
"2013-04-06	08:00:00"	8.27	236.8	14.85	12.93	6.113	238.8	17.92	10.54	50.2	50.46	-0.257	61.34	59.8	26.249	11.16	0
"2013-04-06	09:00:00"	7.601	230.6	11.89	11.74	6.113	231	13.98	9.95	51.01	51.59	-0.576	60.39	58.7	26.266	163.06	0
"2013-04-06	10:00:00"	8.57	216.9	11.49	12.93	6.84	215.9	14.71	11.14	55.82	57.21	-1.384	51.39	48.63	26.278	388.65	0
"2013-04-06	11:00:00"	8.59	230.6	14.02	12.93	7.195	231.4	16.26	11.74	64.01	65.63	-1.619	36.75	34.32	26.278	577.4	0
"2013-04-06	12:00:00"	9.76	267	19.31	17.1	7.553	269	20.14	14.12	71.78	73.26	-1.477	24	21.81	26.283	500.12	0
"2013-04-06	13:00:00"	14.78	293.6	18.06	25.45	10.49	294.9	18.55	23.07	76.21	78.52	-2.318	15.36	13	26.275	674.4	0
"2013-04-06	14:00:00"	10.92	278.1	22.33	19.49	8.24	279.5	23.61	17.1	76.67	78.55	-1.887	14.7	12.48	26.263	683.67	0
"2013-04-06	15:00:00"	9.55	278.3	27.01	20.68	7.048	280.5	32.82	18.89	78.15	81	-2.877	12.52	10.12	26.242	906.44	0
"2013-04-06	16:00:00"	11.49	285.2	31.48	24.26	8.69	285.6	33.3	19.49	78.85	81.5	-2.646	11.72	9.38	26.217	781.16	0
"2013-04-06	17:00:00"	12.52	286.1	19.17	21.28	8.27	287.2	20.45	16.51	79.59	82.4	-2.758	10.41	8.1	26.203	580.5	0
"2013-04-06	18:00:00"	9.94	271.3	25.78	21.87	5.552	272.5	27.14	18.3	79.71	82.9	-3.196	11.01	8.56	26.194	464.18	0
"2013-04-06	19:00:00"	9.61	271.8	28.33	25.45	5.745	273.3	29.33	19.49	79.96	81.4	-1.433	10.96	8.89	26.19	289.34	0
"2013-04-06	20:00:00"	6.975	289.6	27.25	18.3	2.835	290.6	27	17.1	79.62	79.86	-0.237	10.79	9.07	26.186	134.81	0
"2013-04-06	21:00:00"	3.893	74.52	72.14	6.964	1.002	68.3	70.16	2.193	77.64	75.84	1.801	11.78	10.69	26.191	3.7278	0
"2013-04-06	22:00:00"	5.77	72.76	25.17	8.75	1	49.34	27.42	1.596	74.4	69.7	4.703	13.23	13.74	26.206	0	0
"2013-04-06	23:00:00"	8.19	115.8	7.229	10.54	1.002	120.2	16.24	2.789	73.39	66.07	7.318	13.58	15.39	26.214	0	0
"2013-04-07	00:00:00"	5.23	130.9	16.27	8.75	1	113.2	27.75	1	70.12	65.42	4.7	14.34	15.14	26.216	0	0
"2013-04-07	01:00:00"	3.671	158.8	33.2	7.561	1	92	31.08	1.596	69.42	63.71	5.702	14.45	15.83	26.209	0	0
"2013-04-07	02:00:00"	8.86	76.44	26.16	15.91	2.614	68.18	25.5	12.33	62.28	59.7	2.579	20.69	20.66	26.206	0	0
"2013-04-07	03:00:00"	9.06	127.5	35.64	14.12	2.365	118.3	43.93	11.74	58.68	57.13	1.554	28.88	28.06	26.2	0	0
"2013-04-07	04:00:00"	8.57	186.3	8.19	14.12	2.44	187.6	12.15	11.14	58.38	58.13	0.244	39.93	37.55	26.19	0	0
"2013-04-07	05:00:00"	6.174	199.5	11.22	8.75	1.003	199.7	10.5	2.193	56.31	56.31	0.001	48.17	45.62	26.18	0	0
"2013-04-07	06:00:00"	5.796	209	19.88	8.75	2.19	208.9	23.76	6.964	55.16	54.79	0.369	54.34	52.22	26.177	0	0
"2013-04-07	07:00:00"	8.15	191.1	7.963	11.14	5.919	193.5	10.75	9.35	52.9	53.29	-0.391	61.26	58.13	26.175	0	0
"2013-04-07	08:00:00"	7.665	197	13.69	13.52	5.568	195.5	13.11	10.54	52.38	52.52	-0.136	72.24	70.11	26.181	6.0508	0
"2013-04-07	09:00:00"	5.138	223.7	15.58	9.95	3.421	227.1	18.11	8.75	53.69	53.93	-0.242	69.66	68.17	26.202	127.79	0
"2013-04-07	10:00:00"	6.745	226.3	19.27	10.54	5.737	225.2	22.61	8.75	59.3	60.17	-0.864	50.94	48.99	26.21	374.28	0
"2013-04-07	11:00:00"	9.39	248.8	13.19	18.89	7.917	251.7	16	16.51	69.09	70.03	-0.94	27.38	25.51	26.207	586.35	0
"2013-04-07	12:00:00"	17.33	260.6	12.62	26.05	14.05	264.4	14.53	23.07	77.18	79.24	-2.053	15.78	13.41	26.201	766.72	0
"2013-04-07	13:00:00"	16.73	265.1	12.78	24.86	13.54	268.3	14.36	23.66	79.11	81.8	-2.714	15.19	12.56	26.188	891.95	0
"2013-04-07	14:00:00"	18.14	261.3	17.27	32.61	14.53	264.8	18.32	27.84	81	83.9	-2.852	13.49	10.88	26.16	951.01	0
"2013-04-07	15:00:00"	19.38	247.9	17.55	33.21	16.01	250.4	19.8	28.43	82.2	84.7	-2.553	12.72	10.19	26.131	928.84	0
"2013-04-07	16:00:00"	19	251.4	17.46	38.57	15.41	254.8	19.55	33.8	82.9	85.6	-2.701	12.71	10.14	26.108	870.72	0
"2013-04-07	17:00:00"	18.15	239.1	16.56	39.17	15.02	240.7	19.62	35.59	83.5	85.9	-2.395	11.98	9.55	26.086	730.64	0
"2013-04-07	18:00:00"	17.17	236.3	17.7	33.21	14.18	236.8	21.16	29.63	84	86.1	-2.139	11.87	9.52	26.067	549.2	0
"2013-04-07	19:00:00"	18.38	254.4	11.98	28.43	14.96	257.8	14.99	26.65	83.8	85.2	-1.361	10.79	8.68	26.062	293.07	0
"2013-04-07	20:00:00"	15.2	244.2	13.07	24.86	12.49	246.7	15.45	23.66	82.8	83.5	-0.633	11.27	9.36	26.065	129.16	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-07	21:00:00"	10.69	237	13.84	17.1	8.51	237.5	16.42	13.52	78.98	79.15	-0.17	12.78	11.03	26.074	3.8173	0	
"2013-04-07	22:00:00"	9.78	225.4	14.68	15.91	7.65	222	17.57	14.12	74.47	74.92	-0.454	14.28	12.49	26.089	0	0	
"2013-04-07	23:00:00"	6.672	211.1	15.11	11.74	5.773	206.3	15.5	9.35	69.81	69.33	0.473	16.12	14.74	26.105	0	0	
"2013-04-08	00:00:00"	6.301	220.3	13.12	9.95	4.438	213.4	15.59	7.561	68.16	67.5	0.661	16.32	15.07	26.11	0	0	
"2013-04-08	01:00:00"	5.831	222.3	12.74	8.75	3.237	218.2	14.78	6.368	66.2	65.48	0.72	16.9	15.66	26.106	0	0	
"2013-04-08	02:00:00"	5.851	223.4	15.22	10.54	3.23	211.9	18.26	8.16	65.28	64.17	1.109	17.24	16.24	26.098	0	0	
"2013-04-08	03:00:00"	5.989	229.8	12.44	9.95	2.63	223.6	13.63	6.368	64.04	63.2	0.839	17.81	16.66	26.091	0	0	
"2013-04-08	04:00:00"	7.179	207.5	25.04	14.72	4.272	202.7	25.45	10.54	63.13	62.35	0.789	18.33	17.23	26.074	0	0	
"2013-04-08	05:00:00"	6.317	186	12.04	12.93	4.307	184.8	16.58	11.74	59.96	59.24	0.714	23.04	21.61	26.059	0	0	
"2013-04-08	06:00:00"	9.87	179.5	7.602	16.51	7.305	177.3	9.63	12.93	57.28	56.96	0.318	42.67	40.35	26.056	0	0	
"2013-04-08	07:00:00"	8.74	180.5	9.55	15.31	6.718	178.8	12.47	12.33	56.65	56.45	0.198	58	56.26	26.065	0	0	
"2013-04-08	08:00:00"	9.9	184.3	10.43	16.51	6.966	184.5	14.08	13.52	55.79	55.45	0.341	67.31	66.49	26.077	13.148	0	
"2013-04-08	09:00:00"	8.72	203.6	12.35	12.93	6.93	203.9	14.19	11.14	58.21	58.66	-0.452	60.92	59.47	26.093	163.92	0	
"2013-04-08	10:00:00"	7.83	219.6	15.34	12.33	6.437	218.5	19.54	11.14	63.34	64.58	-1.241	41.57	39.1	26.098	374.14	0	
"2013-04-08	11:00:00"	8.78	223.9	21.58	15.91	7.333	223.1	25.13	13.52	71.12	72.34	-1.217	24.32	22.22	26.094	586.01	0	
"2013-04-08	12:00:00"	16.05	250.7	12.08	26.65	13.31	253.3	14.72	22.47	77.45	79.31	-1.862	15.35	13.02	26.081	768.7	0	
"2013-04-08	13:00:00"	17.14	245.7	18.34	29.63	14.09	247.3	21.47	25.45	78.75	80.9	-2.163	15.02	12.53	26.062	895.98	0	
"2013-04-08	14:00:00"	18.99	224.4	19.63	35	15.72	223.1	23.1	29.03	80.4	82.5	-2.158	13.87	11.39	26.03	959.44	0	
"2013-04-08	15:00:00"	21.11	223.5	17.34	35	17.51	221.5	20.07	30.82	82.1	84.1	-1.973	12.74	10.35	25.994	932.46	0	
"2013-04-08	16:00:00"	22.81	208.6	15.61	36.78	18.47	206.6	17.51	31.42	83.5	85.4	-1.914	12.18	9.8	25.954	870.13	0	
"2013-04-08	17:00:00"	23.28	208.1	14.51	36.19	18.82	205.7	15.83	30.82	84.8	86.4	-1.606	10.63	8.39	25.922	733.72	0	
"2013-04-08	18:00:00"	22.46	221.1	16.45	39.77	18.3	219.8	19.15	32.01	85.4	86.8	-1.425	9.64	7.492	25.906	556.21	0	
"2013-04-08	19:00:00"	20.71	223.9	14.82	35	16.73	221.9	18.12	29.03	85	86.1	-1.035	9.27	7.239	25.902	295.11	0	
"2013-04-08	20:00:00"	15.85	216.2	13.5	29.03	12.84	211.2	16.45	23.07	84.2	84.6	-0.414	9.53	7.654	25.893	129.15	0	
"2013-04-08	21:00:00"	10.6	203.3	15.31	21.87	8.12	200.4	16.7	18.3	80.4	80	0.397	10.62	8.98	25.895	3.1491	0	
"2013-04-08	22:00:00"	10.99	172.8	11.32	17.1	8.2	169	12.93	13.52	75.81	74.78	1.031	12.12	10.82	25.891	0	0	
"2013-04-08	23:00:00"	14.12	167.4	7.93	20.68	10.97	164.2	8.88	17.7	74.02	73.24	0.776	13	11.64	25.897	0	0	
"2013-04-09	00:00:00"	16.56	167.1	8.87	27.84	13.14	164.1	10.15	21.87	72.32	71.93	0.388	25.02	23.37	25.9	0	0	
"2013-04-09	01:00:00"	20.01	185.8	13.35	29.63	15.81	183.8	15.3	27.24	71.79	72.08	-0.291	41.74	39.7	25.914	0	0	
"2013-04-09	02:00:00"	16.81	185.2	12.02	29.63	13.35	183.1	14.03	24.26	70.16	70.5	-0.333	50.26	48.09	25.924	0	0	
"2013-04-09	03:00:00"	17.56	173.1	6.844	26.65	14	170.1	9.29	21.28	68.52	68.88	-0.358	62.85	60.71	25.908	0	0	
"2013-04-09	04:00:00"	19.67	173.9	6.562	28.43	15.41	171	9.19	24.26	66.7	67.18	-0.482	70.42	68.28	25.892	0	0	
"2013-04-09	05:00:00"	18.47	169.9	7.263	27.84	14.77	167.7	9.41	23.66	64.62	65.26	-0.644	77.5	75	25.881	0	0	
"2013-04-09	06:00:00"	19.15	173.4	6.35	28.43	15.08	171	9.18	22.47	63.06	63.46	-0.402	81.2	79.32	25.892	0	0	
"2013-04-09	07:00:00"	14	180.7	7.744	23.66	10.93	178.5	10.65	18.3	61.57	61.8	-0.236	82.9	81.3	25.914	0	0	
"2013-04-09	08:00:00"	14.54	182.2	8.16	21.87	11.39	180.4	10.89	19.49	60.09	60.48	-0.391	84.1	82.5	25.93	13.935	0	
"2013-04-09	09:00:00"	14.34	186.6	9.28	21.87	11.44	186.2	12.47	20.68	61	61.67	-0.665	80.4	79.29	25.951	166.35	0	
"2013-04-09	10:00:00"	16.03	203.5	11.16	24.26	12.95	201.2	12.8	21.28	67.68	68.53	-0.848	46.69	45.15	25.963	376.59	0	
"2013-04-09	11:00:00"	17.05	231.3	17.3	30.82	14.02	231.4	21.06	26.05	72.46	73.81	-1.347	27.18	24.86	25.983	581.72	0	
"2013-04-09	12:00:00"	19.8	283.4	14.9	32.01	13.76	285.7	15.72	28.43	72.86	75.67	-2.813	19.67	16.89	25.999	728.82	0	
"2013-04-09	13:00:00"	17.52	271.4	16.11	29.03	13.28	273.5	17.25	24.26	73.05	75.96	-2.91	18.38	15.49	26.005	828.36	0	
"2013-04-09	14:00:00"	17.11	266.1	22.64	29.03	12.98	268.1	23.87	25.45	74.9	77.8	-2.9	16.86	14.04	25.996	872.45	0	
"2013-04-09	15:00:00"	21.41	294.8	14.03	32.61	13.89	296.8	15	25.45	73.4	77.44	-4.033	20.02	16.47	25.994	847.27	0	
"2013-04-09	16:00:00"	23.74	300.8	11.15	33.21	14.56	302.4	12.68	30.22	71.1	76.15	-5.044	23	18.7	26	801.11	0	
"2013-04-09	17:00:00"	24.93	311.9	11.07	37.38	16.6	313	12.83	29.63	67.79	72.93	-5.137	24.95	20.33	26.009	656.43	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-09	18:00:00"	23.1	316.5	12.74	32.01	16	317.2	13.43	28.43	66.14	70.51	-4.371	25.1	20.96	26.021	461.5	0
"2013-04-09	19:00:00"	20.89	313.9	10.03	29.63	14.15	314.5	11.78	24.26	65.37	68.35	-2.973	24.51	21.24	26.041	200.55	0
"2013-04-09	20:00:00"	16.36	336.9	14.98	25.45	12.65	334.3	13.6	22.47	64.25	65.84	-1.598	24.29	21.85	26.066	60.25	0
"2013-04-09	21:00:00"	11.1	18.06	14.07	18.89	8.94	16.24	17.37	17.1	58.65	60.73	-2.087	29.37	26.37	26.091	2.6296	0
"2013-04-09	22:00:00"	14.39	42.56	8.65	23.07	11.57	43.38	10.12	20.68	53.06	55.45	-2.388	33.2	29.76	26.139	0	0
"2013-04-09	23:00:00"	18.3	35.94	7.456	25.45	15.23	36.69	9.43	22.47	47.63	51.07	-3.442	38.47	33.69	26.184	0	0
"2013-04-10	00:00:00"	20.9	31.38	7.511	31.42	17.29	32.21	9.96	28.43	42.96	46.93	-3.965	40.36	34.5	26.204	0	0
"2013-04-10	01:00:00"	20.64	32.97	8.1	30.22	17.24	32.87	10.6	26.65	38.64	42.26	-3.618	40.02	34.63	26.227	0	0
"2013-04-10	02:00:00"	21.18	25.21	6.797	31.42	17.44	24.54	10.87	27.24	35.58	39.79	-4.207	39.78	33.31	26.255	0	0
"2013-04-10	03:00:00"	17.96	17.9	7.201	27.24	14.48	14.65	13.09	25.45	34.16	38.85	-4.691	40.93	33.76	26.267	0	0
"2013-04-10	04:00:00"	15.36	15.3	7.539	23.07	12.25	11.56	13.02	20.09	33.84	38.9	-5.058	39.77	32.72	26.273	0	0
"2013-04-10	05:00:00"	15.53	22.9	13.36	23.66	12.66	20.76	19.02	19.49	33.87	38.78	-4.907	37.92	31.23	26.274	0	0
"2013-04-10	06:00:00"	17.59	25.17	15.18	26.65	14.45	23.79	18.93	23.66	32.98	37.47	-4.492	38.07	32.69	26.296	0	0
"2013-04-10	07:00:00"	18.13	31.44	14.29	29.03	14.68	30.66	17.87	26.05	31.42	34.89	-3.475	38.03	33.34	26.309	0	0
"2013-04-10	08:00:00"	16.45	32.87	8.52	24.86	13.66	32.51	11.15	21.87	29.8	33.93	-4.138	42.57	35.95	26.325	3.499	0
"2013-04-10	09:00:00"	15.19	26.2	9.4	21.28	12.59	25.09	13.46	19.49	29.1	34.3	-5.202	43.89	35.87	26.36	38.522	0
"2013-04-10	10:00:00"	16.05	23.57	10.47	24.26	13.31	21.98	15.14	21.28	28.8	34.33	-5.524	48.86	38.73	26.371	181.72	0
"2013-04-10	11:00:00"	13.65	15.75	11.28	19.49	11.42	12.24	16.41	18.3	30.35	36.72	-6.366	48.09	38.18	26.378	367.68	0
"2013-04-10	12:00:00"	13.63	16.51	16.03	20.09	11.54	14.06	20.03	18.89	34.38	42.05	-7.669	36.45	28.45	26.374	705.86	0
"2013-04-10	13:00:00"	11.68	11.12	18.67	19.49	9.77	8.45	22.28	17.1	38.06	43.76	-5.703	35.03	28.54	26.361	871.29	0
"2013-04-10	14:00:00"	9.42	5.206	25.59	17.1	7.665	2.972	28.5	15.31	41.97	45.9	-3.932	33.81	28.88	26.346	931.28	0
"2013-04-10	15:00:00"	9.96	348.7	25.33	17.1	7.908	345.7	26.84	15.91	45.68	52.93	-7.25	31.26	24.86	26.318	907.43	0
"2013-04-10	16:00:00"	8.56	350.8	31.06	18.89	6.701	346.7	32.3	20.68	48.41	55.54	-7.124	28.96	22.82	26.298	857.89	0
"2013-04-10	17:00:00"	9.15	349.2	28	20.68	6.721	346.8	28.9	17.7	50.52	57.96	-7.438	26.52	20.42	26.276	721.86	0
"2013-04-10	18:00:00"	7.846	334.7	33.93	17.7	4.464	331.2	38.79	11.74	51.72	56.09	-4.374	25.74	21.37	26.269	523.01	0
"2013-04-10	19:00:00"	6.839	12.55	29.97	12.93	5.573	8.34	31.64	12.33	52.6	55.73	-3.125	25.12	21.58	26.263	277.85	0
"2013-04-10	20:00:00"	8.61	39.11	18.52	12.33	7.073	38.61	20.92	11.74	52.8	54.29	-1.494	25.23	22.49	26.256	113.6	0
"2013-04-10	21:00:00"	6.467	65.36	11.69	9.35	3.922	63.37	14.41	6.964	50.86	50.89	-0.031	25.87	24.07	26.267	3.9015	0
"2013-04-10	22:00:00"	6.895	72.68	12.64	8.75	1.659	70.68	12.74	5.771	48.04	47.58	0.459	27.33	25.92	26.278	0	0
"2013-04-10	23:00:00"	7.584	80.1	4.883	9.35	1.42	75.19	8.56	5.771	45.38	44.33	1.046	29.48	28.31	26.283	0	0
"2013-04-11	00:00:00"	7.915	64.45	7.959	11.14	2.493	62	10.22	8.16	43.04	42.67	0.372	31.91	30.52	26.291	0	0
"2013-04-11	01:00:00"	7.719	59.5	10.64	12.93	4.652	60.79	13.63	9.95	41.41	41.47	-0.064	33.09	31.44	26.294	0	0
"2013-04-11	02:00:00"	7.465	60.02	7.164	9.95	3.419	57.99	9.39	6.964	39.52	39.25	0.272	34.45	33.26	26.298	0	0
"2013-04-11	03:00:00"	9.27	56.09	9.27	13.52	6.621	54.5	10.78	11.14	38.67	39.77	-1.101	35.09	33.18	26.301	0	0
"2013-04-11	04:00:00"	9.24	67.56	8.57	11.74	6.163	66.24	10.54	8.75	36.07	36.37	-0.302	38.57	36.57	26.298	0	0
"2013-04-11	05:00:00"	8.6	68.96	9.14	11.14	5.747	66.52	11.27	8.16	34.14	35.56	-1.411	42.31	39.01	26.267	0	0
"2013-04-11	06:00:00"	7.775	52.8	17.59	10.54	5.249	47.95	20.45	8.75	34.07	35	-0.926	45.9	42.4	26.253	0	0
"2013-04-11	07:00:00"	8.19	86	5.239	9.95	4.8	77.66	9.09	6.964	33.41	32.89	0.526	51.75	49.15	26.234	0	0
"2013-04-11	08:00:00"	4.911	76.07	14.77	7.561	2.123	32.98	39.5	5.175	33.53	32.44	1.094	55.96	53.28	26.239	15.263	0
"2013-04-11	09:00:00"	3.888	109.3	18.06	9.35	1.593	97.6	40.5	7.561	37.11	37.47	-0.361	54.52	52.43	26.257	170.06	0
"2013-04-11	10:00:00"	8.66	136	14.36	12.93	7.158	135.9	15.43	11.14	42.54	46	-3.454	36.19	32.67	26.258	381.24	0
"2013-04-11	11:00:00"	9.36	169.9	21.51	17.1	7.685	166.9	21.61	14.72	46.95	51.5	-4.553	33.57	28.54	26.251	591.78	0
"2013-04-11	12:00:00"	9.9	203.7	21.85	18.89	8.16	202.4	25.48	17.1	50.68	56.02	-5.348	34.43	28.66	26.248	770.51	0
"2013-04-11	13:00:00"	9.57	251.6	29.74	19.49	7.67	252.3	31.74	17.7	53.97	60.12	-6.152	31.51	25.59	26.232	894.46	0
"2013-04-11	14:00:00"	10.96	272.2	23.47	24.26	8.31	273.1	27.02	21.28	57.24	63.87	-6.627	25.87	20.39	26.207	952.85	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-11	15:00:00"	13.83	282	23.96	33.21	9.99	283.9	24.92	22.47	60.34	66.54	-6.203	19.72	15.33	26.185	923.43	0	
"2013-04-11	16:00:00"	13.03	310.6	20.98	23.07	9.09	310.7	22.65	20.09	62.61	68.23	-5.62	16.33	12.57	26.168	874.42	0	
"2013-04-11	17:00:00"	14.83	316.3	19.92	28.43	10.58	316.7	20.9	22.47	65.9	70.37	-4.473	12.42	9.45	26.143	742.93	0	
"2013-04-11	18:00:00"	12.62	324.1	23.55	23.66	9.24	322.9	23.04	19.49	67.04	70.51	-3.471	12.63	9.82	26.134	558.63	0	
"2013-04-11	19:00:00"	8.52	328.4	27.72	16.51	4.329	327	26.73	15.31	67.7	70	-2.299	13.1	10.61	26.129	293.01	0	
"2013-04-11	20:00:00"	6.234	13.56	34	12.33	4.28	13.51	36.43	11.74	67.34	68.37	-1.027	13.73	11.67	26.135	138.15	0	
"2013-04-11	21:00:00"	6.044	70.11	14.97	8.75	2.616	72.69	12.06	5.771	64.8	62.93	1.868	15.32	14.37	26.156	4.595	0	
"2013-04-11	22:00:00"	8.97	100	5.695	11.14	3.125	89.1	9.08	5.771	63.01	57.43	5.582	16.21	16.97	26.175	0	0	
"2013-04-11	23:00:00"	10.19	111.5	4.113	11.74	3.14	96.4	8.7	6.368	59.51	54.22	5.293	17.61	18.56	26.192	0	0	
"2013-04-12	00:00:00"	10.4	125.5	7.655	13.52	5.635	120.3	13.08	10.54	56.72	54.37	2.349	19.02	18.79	26.197	0	0	
"2013-04-12	01:00:00"	10.59	128.8	7.891	14.12	6.816	125.6	9.07	11.14	56.05	56.18	-0.131	19.36	18.03	26.195	0	0	
"2013-04-12	02:00:00"	9.95	141.7	7.045	14.72	6.446	140	7.764	9.95	55.58	56.16	-0.583	19.38	18.11	26.198	0	0	
"2013-04-12	03:00:00"	9.9	151.9	8.3	14.72	7.171	148.3	8.07	12.33	55.75	55.13	0.62	18.91	17.96	26.194	0	0	
"2013-04-12	04:00:00"	7.961	178	11.89	11.74	3.787	177.1	14.46	9.95	53.47	54.51	-1.041	20.28	18.35	26.186	0	0	
"2013-04-12	05:00:00"	6.437	188.7	8.88	9.95	1.017	188.7	11.7	3.982	51.78	51.97	-0.189	21.39	20.03	26.184	0	0	
"2013-04-12	06:00:00"	5.642	197.3	15.25	11.74	2.75	200.5	18.42	7.561	50.46	50.22	0.233	22.18	20.96	26.191	0	0	
"2013-04-12	07:00:00"	6.48	184.2	8.45	11.14	3.222	184.6	11.53	7.561	50.39	49.76	0.629	22.09	21.36	26.195	0	0	
"2013-04-12	08:00:00"	4.77	75.77	50.03	12.33	3.026	46.06	41.4	9.95	47.58	46.94	0.638	24.24	23.59	26.219	19.05	0	
"2013-04-12	09:00:00"	5.691	61.26	17.81	9.95	3.425	61.26	17.48	8.75	45.45	47.81	-2.358	29.96	27.07	26.247	182.41	0	
"2013-04-12	10:00:00"	4.903	87	58.28	10.54	3.191	91	60.05	11.14	54.07	55.89	-1.811	25.63	23.11	26.263	395.68	0	
"2013-04-12	11:00:00"	5.533	63.01	38.19	10.54	4.197	62.13	40.15	9.35	57.77	60.39	-2.613	25.45	22.32	26.269	456.19	0	
"2013-04-12	12:00:00"	9.67	153.1	15.97	15.91	7.99	150.3	16.54	14.12	62.65	64.59	-1.936	23.69	20.98	26.258	538.28	0	
"2013-04-12	13:00:00"	10.31	159.6	21.53	17.1	8.5	158.3	23.57	15.91	67.62	70.44	-2.82	21.72	18.57	26.25	797.69	0	
"2013-04-12	14:00:00"	6.904	182.9	35.06	13.52	5.699	181.2	36.98	12.33	70.88	72.99	-2.103	17	14.51	26.232	699.93	0	
"2013-04-12	15:00:00"	6.398	241.3	49.89	27.84	5.065	242.8	54.61	23.07	73.42	75.69	-2.275	13.76	11.4	26.211	747.15	0	
"2013-04-12	16:00:00"	10.41	211.9	21.72	20.09	8.03	207.6	24.62	17.1	74.8	77.02	-2.223	11.94	9.57	26.193	430.16	0	
"2013-04-12	17:00:00"	7.103	236.1	50.95	14.12	4.905	241.2	56	12.93	75.52	78.96	-3.436	11.31	8.77	26.17	572.49	0	
"2013-04-12	18:00:00"	8.04	252.2	50.83	23.66	6.257	247.8	54.45	20.68	76.52	78.42	-1.892	10.25	8.08	26.156	451.26	0	
"2013-04-12	19:00:00"	8.7	342	73.86	17.1	6.839	341.7	70.42	16.51	76	78.2	-2.201	11.15	8.92	26.156	183.39	0	
"2013-04-12	20:00:00"	9.2	0.761	12.69	13.52	6.412	356.5	12.79	12.33	73.11	73.57	-0.459	13.13	11.48	26.16	42.396	0	
"2013-04-12	21:00:00"	8.23	30.79	11.48	10.54	4.893	27.66	13.78	7.561	69.6	66.85	2.747	14.89	14.55	26.169	2.3831	0	
"2013-04-12	22:00:00"	8.43	36.34	6.535	11.14	4.39	24.52	12.12	8.75	65.28	62.98	2.298	19.37	18.59	26.183	0	0	
"2013-04-12	23:00:00"	9.21	85.1	25.6	12.33	5.245	74.97	29.45	8.75	61.79	59.14	2.652	22.4	22.39	26.207	0	0	
"2013-04-13	00:00:00"	10.25	128	16.66	15.91	6.636	124	19.27	11.14	63.42	61.25	2.172	23.63	23.43	26.222	0	0	
"2013-04-13	01:00:00"	4.046	103.3	49.62	8.75	2.555	61.45	50.78	6.964	62.53	59.67	2.851	28.29	27.65	26.23	0	0	
"2013-04-13	02:00:00"	3.738	111.9	24.16	7.561	1.21	55.57	28.97	5.175	62.13	58.48	3.649	31.1	30.95	26.223	0	0	
"2013-04-13	03:00:00"	4.873	118.1	17.48	6.368	1.915	73.14	23.81	3.982	61.04	57.36	3.681	34.31	34.25	26.221	0	0	
"2013-04-13	04:00:00"	5.414	156.8	8.85	8.16	2.256	144.9	17.27	5.771	60.24	57.43	2.815	37.1	37.63	26.212	0	0	
"2013-04-13	05:00:00"	4.803	151	10.05	8.16	2.589	128	38.86	5.175	59.12	57.6	1.527	39.99	39.54	26.213	0	0	
"2013-04-13	06:00:00"	6.106	125.6	19.1	8.16	3.479	110.5	23.75	6.368	57.59	55.63	1.963	43.18	43.04	26.212	0	0	
"2013-04-13	07:00:00"	6.652	100.8	7.607	8.16	3.982	78.64	6.991	5.771	55.58	53.16	2.423	46.6	46.02	26.212	0	0	
"2013-04-13	08:00:00"	8.03	69.86	13.99	11.14	5.419	64.75	10.45	9.35	52.16	51.93	0.231	50.6	48.87	26.218	7.0429	0	
"2013-04-13	09:00:00"	7.405	77.39	22.56	13.52	5.792	75.34	23.72	11.14	53.3	53.62	-0.317	51.24	49.01	26.234	157.87	0	
"2013-04-13	10:00:00"	10.21	115.2	10.97	15.31	8.45	115.3	13.05	14.12	57.48	58.76	-1.274	55.06	51.33	26.233	283.37	0	
"2013-04-13	11:00:00"	12.58	143.2	12.32	19.49	10.44	142.1	12.9	18.3	60.46	63.24	-2.779	56.03	50.14	26.225	511.71	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-13	12:00:00"	9.48	153.8	22.65	15.91	7.906	152.7	23.9	14.72	63.54	67.33	-3.79	52.44	45.55	26.222	855.43	0
"2013-04-13	13:00:00"	10.95	157.8	19.93	17.7	9.03	156.1	21.45	15.91	65.51	69.87	-4.357	48.11	40.62	26.212	881.78	0
"2013-04-13	14:00:00"	9.72	163.6	20.67	20.09	8.27	162.2	22.11	17.7	66.46	70.03	-3.565	47.7	41.14	26.199	984.13	0
"2013-04-13	15:00:00"	9.55	152.6	24.67	23.07	8.09	151.5	27.93	21.28	67.48	72.4	-4.913	47.2	39.23	26.175	845.69	0
"2013-04-13	16:00:00"	12.93	152.4	18.71	21.28	10.77	151	19.75	18.3	69.47	73.34	-3.865	46.27	39.38	26.141	861.16	0
"2013-04-13	17:00:00"	15.62	161.9	16.42	25.45	13	160	17.77	21.87	69.97	73.35	-3.382	45.25	39.02	26.119	713.66	0
"2013-04-13	18:00:00"	15.34	162.1	14.51	24.26	12.76	159.7	15.63	21.28	68.65	71.37	-2.719	48.12	42.4	26.109	525.85	0
"2013-04-13	19:00:00"	17.56	173.6	10.81	27.84	14.05	171.6	12.67	24.26	69.27	71.23	-1.956	48.24	43.62	26.102	272.19	0
"2013-04-13	20:00:00"	19.55	173.3	7.662	29.03	15.65	171	9.76	24.86	67.04	68.45	-1.417	54.13	50.25	26.101	121.44	0
"2013-04-13	21:00:00"	14.32	169.9	8.21	21.87	11.38	167.8	10.15	18.3	64.62	65.08	-0.461	58.34	55.96	26.099	5.3526	0
"2013-04-13	22:00:00"	11.99	169.7	8.26	17.7	9.53	167.6	10.09	15.91	61.94	62.11	-0.173	63.86	62.03	26.105	0	0
"2013-04-13	23:00:00"	14.57	174.2	6.932	20.09	11.42	172.2	9.2	17.1	59.95	60.23	-0.281	69.7	67.8	26.11	0	0
"2013-04-14	00:00:00"	14.15	176.1	7.598	20.09	10.98	174.4	10.26	15.91	58.16	58.6	-0.446	74.86	72.67	26.102	0	0
"2013-04-14	01:00:00"	12.01	182.4	8.86	19.49	9.41	181.2	12	17.1	56.4	57.12	-0.713	81.2	78.46	26.094	0	0
"2013-04-14	02:00:00"	11.93	180.6	7.451	17.7	9.48	179.1	9.69	15.31	55	55.87	-0.864	84.8	82	26.072	0	0
"2013-04-14	03:00:00"	12.94	182.1	7.816	18.3	10.22	180.9	10.6	14.72	54.11	55.51	-1.403	86	82.6	26.06	0	0
"2013-04-14	04:00:00"	10.1	191	9.92	15.31	7.86	192.8	13.79	12.93	53.5	55.16	-1.66	87.1	82.9	26.046	0.14294	0
"2013-04-14	05:00:00"	8.52	194.7	8.05	13.52	6.435	197.6	10.79	9.95	52.49	53.02	-0.524	88	84.9	26.045	0.68343	0
"2013-04-14	06:00:00"	7.895	202	10.36	11.14	6.145	199.1	9.26	9.35	50.9	50.92	-0.019	88.7	86.8	26.035	1.3673	0
"2013-04-14	07:00:00"	5.625	223.7	14.16	8.75	4.294	226.1	17.16	7.561	48.84	48.97	-0.133	89.4	87.5	26.038	1.9328	0
"2013-04-14	08:00:00"	6.33	203.1	17.24	9.95	4.673	206	21.05	8.16	48.27	48.38	-0.11	89.8	88.1	26.05	15.856	0
"2013-04-14	09:00:00"	6.47	197	10.88	11.14	5.054	196.2	13.47	9.35	48.71	49.21	-0.501	90.4	89	26.065	167.76	0
"2013-04-14	10:00:00"	8.49	223.4	16.84	14.12	7.158	222.9	19.37	12.33	56.87	56.98	-0.116	65.19	67.26	26.081	408.87	0
"2013-04-14	11:00:00"	18.83	256.9	13.19	33.21	14.74	260.3	15.04	30.82	70.54	71.41	-0.873	23.9	22.7	26.079	611.29	0
"2013-04-14	12:00:00"	22.25	266.4	10.98	32.61	17.89	270.6	11.42	28.43	75.4	77.91	-2.515	13.87	11.55	26.079	790.29	0
"2013-04-14	13:00:00"	19.48	261.9	13.46	34.4	15.45	265.1	15.21	29.03	77.8	81.5	-3.671	11.73	9.2	26.074	911.06	0
"2013-04-14	14:00:00"	19.41	250.7	15.89	30.22	15.85	253.7	17.81	26.65	79.56	83.2	-3.598	10.97	8.4	26.055	965.89	0
"2013-04-14	15:00:00"	18.84	248.5	16.08	30.82	15.47	250.2	18.91	27.84	81	84.8	-3.82	10.55	7.945	26.032	941.37	0
"2013-04-14	16:00:00"	18.29	250.1	16.26	33.21	15.08	253.3	19.2	27.24	82.2	84.8	-2.575	10.16	7.78	26.008	887.45	0
"2013-04-14	17:00:00"	19.82	251.2	14.95	33.8	16.08	254.3	17.54	28.43	83.2	85.1	-1.846	10.28	8.02	25.988	740.73	0
"2013-04-14	18:00:00"	21.12	259.5	13.43	31.42	16.91	263.2	15.18	27.24	83.7	85.3	-1.544	10.35	8.15	25.978	538.96	0
"2013-04-14	19:00:00"	19.12	256.5	13.29	30.22	15.6	260.5	14.99	25.45	83.4	84.4	-1.073	10.37	8.32	25.981	282.71	0
"2013-04-14	20:00:00"	18.19	247.5	11.1	27.84	14.57	250.2	13.34	24.86	81.9	82.8	-0.872	10.98	9.03	25.992	122.94	0
"2013-04-14	21:00:00"	13.5	241.7	13.91	25.45	10.95	241.7	15.77	21.87	78.84	79.46	-0.614	12.51	10.65	26.006	5.877	0
"2013-04-14	22:00:00"	10.69	223	13.41	17.7	8.66	219	14.28	14.72	75.41	75.52	-0.115	14.94	13.26	26.026	0	0
"2013-04-14	23:00:00"	7.768	197.3	20.77	17.1	5.488	191.6	22.09	14.12	71.08	70.3	0.778	17.51	16.24	26.045	0	0
"2013-04-15	00:00:00"	12.92	227.6	14.94	24.26	10.43	226.9	18.21	21.87	73.61	72.83	0.787	14.74	13.38	26.053	0	0
"2013-04-15	01:00:00"	5.946	256.2	41.89	17.1	3.954	258.6	47.15	14.12	70.7	69.5	1.204	15.91	14.8	26.054	0	0
"2013-04-15	02:00:00"	8.95	222.8	25.9	16.51	6.779	222.5	30.72	15.91	66.83	66.01	0.822	18.01	16.78	26.062	0	0
"2013-04-15	03:00:00"	9.2	216.5	13.33	15.91	7.076	210.1	15.7	11.74	63.88	63.52	0.364	20.18	18.72	26.075	0	0
"2013-04-15	04:00:00"	7.361	218.5	13.79	12.33	5.356	211.7	16.1	11.14	63.06	62.27	0.788	21.92	20.72	26.082	0	0
"2013-04-15	05:00:00"	9.48	244.6	12.88	13.52	6.709	247.5	15.06	11.74	61.83	60.97	0.856	23.42	22.38	26.08	0	0
"2013-04-15	06:00:00"	9.08	255.4	19.76	16.51	6.592	255.2	23.44	12.33	61.76	60.54	1.214	23.55	22.79	26.089	0	0
"2013-04-15	07:00:00"	9.91	265.1	14.72	15.91	6.956	269.2	18.96	13.52	59.59	59.7	-0.107	24.5	23.03	26.087	0	0
"2013-04-15	08:00:00"	11.05	293.2	12.96	15.31	5.747	299.6	16.63	11.74	59.22	57.56	1.661	24.66	24.89	26.104	24.73	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-15	09:00:00"	13.74	271.8	9.06	22.47	10.28	273.4	11.04	17.1	65.07	65.12	-0.05	21.17	20	26.117	198.99	0
"2013-04-15	10:00:00"	17.58	266.6	10.52	29.03	13.79	269.8	11.37	23.66	70.39	72.15	-1.761	18.84	16.59	26.122	411.78	0
"2013-04-15	11:00:00"	19.19	264.5	11.39	28.43	15.58	268.2	12.86	24.86	72.87	75.38	-2.509	17.16	14.55	26.13	620.17	0
"2013-04-15	12:00:00"	17.42	251.2	14.37	28.43	14.43	254.1	16.77	25.45	75.4	78.09	-2.698	15.08	12.48	26.141	796.57	0
"2013-04-15	13:00:00"	15.81	241.5	17.03	26.65	13.25	242.7	20.76	24.26	77.69	81.6	-3.882	13.26	10.42	26.141	920.35	0
"2013-04-15	14:00:00"	15.94	241	17.7	29.03	13.29	242.7	20.49	24.26	79.91	84.5	-4.602	12.08	9.11	26.127	977.52	0
"2013-04-15	15:00:00"	17.02	240	20.82	30.22	13.98	241.6	23.72	26.05	81.6	85.6	-3.961	11.43	8.65	26.108	942.58	0
"2013-04-15	16:00:00"	16.8	232.8	19.37	33.21	13.92	233.4	22.84	28.43	83	86.9	-3.889	10.56	7.884	26.087	894.34	0
"2013-04-15	17:00:00"	18.42	231.9	16.06	32.61	15.24	231.3	19.29	27.84	83.6	87.1	-3.479	10.14	7.552	26.073	755.39	0
"2013-04-15	18:00:00"	20.62	231.4	16.44	33.21	17.04	231.1	20.14	29.63	84.3	85.9	-1.583	9.73	7.556	26.058	568.72	0
"2013-04-15	19:00:00"	21.42	223.5	14.89	35	17.62	221.7	17.34	30.82	84.6	85.6	-0.999	9.1	7.066	26.053	296.25	0
"2013-04-15	20:00:00"	20.62	226.9	13.12	33.21	16.82	225.3	16.08	29.03	83.6	84	-0.432	9.05	7.156	26.067	144.89	0
"2013-04-15	21:00:00"	13.94	231.1	11.98	30.22	11.34	231.1	13.92	23.07	80.5	80.4	0.077	10.07	8.31	26.083	6.618	0
"2013-04-15	22:00:00"	9.15	237	12.41	14.12	7.295	238.5	14.46	11.74	75.79	75.34	0.449	12.36	10.79	26.103	0	0
"2013-04-15	23:00:00"	11.38	239.3	11.32	19.49	9.14	241.2	12.7	17.1	74.46	73.86	0.605	12.11	10.63	26.125	0	0
"2013-04-16	00:00:00"	12.42	243.8	8.7	20.68	10.03	245.5	10.19	17.1	75.31	74.19	1.123	10.67	9.36	26.134	0	0
"2013-04-16	01:00:00"	8.6	231.8	13.3	14.12	6.583	230.1	15.54	11.74	71.28	70.66	0.616	11.65	10.21	26.135	0	0
"2013-04-16	02:00:00"	6.788	242.1	32.33	11.14	4.194	240.9	39.7	7.561	69.35	66.97	2.378	12.3	11.66	26.144	0	0
"2013-04-16	03:00:00"	7.86	226.9	19.49	12.93	5.632	229	23.55	11.14	67.09	65.82	1.276	13.14	12.06	26.151	0	0
"2013-04-16	04:00:00"	8.72	263.4	7.771	11.74	6.2	267.1	8.31	9.95	66.7	65.1	1.597	13.59	12.65	26.147	0	0
"2013-04-16	05:00:00"	5.137	188.3	33.85	11.74	3.134	191.8	46.58	8.75	63.33	61.79	1.541	15.57	14.79	26.151	0	0
"2013-04-16	06:00:00"	5.149	192.9	18.41	7.561	2.497	188.7	33.38	4.578	63.96	60.12	3.842	15.25	15.79	26.152	0	0
"2013-04-16	07:00:00"	5.588	186.8	17.53	11.14	3.353	186	24.73	8.16	59.89	58.13	1.767	17.78	17.32	26.166	0	0
"2013-04-16	08:00:00"	5.431	178.5	27.61	9.95	3.41	162.1	32.71	6.964	59.64	57.52	2.115	18.57	18.49	26.186	26.882	0
"2013-04-16	09:00:00"	5.324	161.7	9.45	8.75	3.71	159.7	12.06	6.964	62.65	62.52	0.128	17.98	17.13	26.207	203.69	0
"2013-04-16	10:00:00"	7.792	205.9	20.89	12.93	6.35	203.7	23.6	10.54	70.82	73.35	-2.527	14.18	12.14	26.223	416.39	0
"2013-04-16	11:00:00"	5.648	274.5	38.06	11.14	4.504	276.6	39.46	10.54	73.92	76.17	-2.251	12.96	10.77	26.242	622.8	0
"2013-04-16	12:00:00"	5.321	263	37.09	11.74	4.303	263.8	41.37	10.54	76.84	79.17	-2.334	12.02	9.81	26.233	802.04	0
"2013-04-16	13:00:00"	5.03	180.1	54.28	15.31	4.199	179.3	56.35	12.93	79.69	82.8	-3.128	10.8	8.48	26.223	926.3	0
"2013-04-16	14:00:00"	9.06	189.5	28.76	19.49	7.63	187.5	32.59	16.51	82.8	87.3	-4.465	9.16	6.558	26.2	984.62	0
"2013-04-16	15:00:00"	11.16	179.8	25.87	23.66	9.29	178.7	31.31	20.09	84.3	89.8	-5.545	8.4	5.665	26.176	948.59	0
"2013-04-16	16:00:00"	12.68	199.5	25.75	24.26	10.54	196.9	27.85	21.87	85.6	90.4	-4.826	7.932	5.303	26.158	898.38	0
"2013-04-16	17:00:00"	14.06	193.8	20.55	24.26	11.5	192.6	23.48	23.66	86.8	90.9	-4.066	7.683	5.188	26.138	726.76	0
"2013-04-16	18:00:00"	12.44	204	19.62	23.07	10.15	202.2	21.57	18.89	87.4	90	-2.59	7.474	5.229	26.119	510.19	0
"2013-04-16	19:00:00"	15.04	188.1	14.37	23.66	11.96	186.1	17.01	20.68	87.7	90.2	-2.56	7.244	5.049	26.115	298.21	0
"2013-04-16	20:00:00"	11.48	193	15.9	20.09	9.19	189.7	15.96	17.1	87.3	88.7	-1.409	7.146	5.158	26.118	148.08	0
"2013-04-16	21:00:00"	7.504	187.7	15.31	14.72	5.287	185.2	16.61	11.14	83.5	83	0.456	8.04	6.437	26.127	8.2519	0
"2013-04-16	22:00:00"	7.194	165.9	26.44	11.14	4.353	159.6	32.44	8.75	80.3	78.28	1.982	9.1	8.01	26.145	0	0
"2013-04-16	23:00:00"	6.125	150.6	82.8	13.52	3.699	89.6	86.2	10.54	76.51	74.97	1.538	16.55	14.7	26.169	0	0
"2013-04-17	00:00:00"	7.963	93.9	26.21	14.72	5.688	87.2	25.16	12.93	73.16	72.34	0.821	39.31	37.89	26.171	0	0
"2013-04-17	01:00:00"	14.43	163.6	11.93	23.66	11.52	161	13.11	21.87	73.68	73.73	-0.044	53.03	51.26	26.159	0	0
"2013-04-17	02:00:00"	17.21	172.1	6.328	23.66	13.41	169.5	9.14	21.87	72.29	73.2	-0.906	61.42	58.7	26.14	0	0
"2013-04-17	03:00:00"	17.59	172.2	6.394	26.65	13.73	169.8	9.02	21.87	71.24	71.97	-0.724	63.95	61.71	26.13	0	0
"2013-04-17	04:00:00"	14.9	178.4	12.31	25.45	11.6	177.5	15.54	21.28	70.02	70.93	-0.903	67.45	64.68	26.126	0	0
"2013-04-17	05:00:00"	13.84	188.8	9.78	20.68	10.87	188.9	12.95	18.3	68.18	69.11	-0.932	76.7	73.57	26.126	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-17	06:00:00"	9.8	183.8	9.75	18.3	7.654	182.9	12.62	14.72	66.34	66.88	-0.539	83.5	81	26.124	0	0
"2013-04-17	07:00:00"	7.62	183.3	9.12	11.14	5.807	182.3	12.86	9.35	64.35	64.57	-0.222	87.1	85.2	26.123	0.13636	0
"2013-04-17	08:00:00"	8.14	183.4	8.68	13.52	6.24	183.8	11.67	12.33	62.61	62.7	-0.085	89.7	88.1	26.126	21.548	0
"2013-04-17	09:00:00"	13.4	179.3	7.467	19.49	10.6	178	10.46	17.1	63.76	64.54	-0.772	89.2	88.1	26.139	182.7	0
"2013-04-17	10:00:00"	14.69	189.6	10.78	20.68	11.71	188.7	13.88	19.49	68.7	69.94	-1.246	65.6	64.07	26.138	406.78	0
"2013-04-17	11:00:00"	14.33	211.2	16.57	24.26	11.89	208.5	18.32	21.87	74.3	75.96	-1.659	36.13	33.35	26.132	621.66	0
"2013-04-17	12:00:00"	20.6	226.1	14.79	36.19	17.22	226.1	17.71	28.43	79.89	81.7	-1.848	11.82	9.76	26.115	809.09	0
"2013-04-17	13:00:00"	21.45	221	14.94	35	17.81	218.7	17.74	30.82	81.7	84	-2.344	9.02	6.806	26.096	934.93	0
"2013-04-17	14:00:00"	20.47	221.9	16.52	33.8	16.84	220.7	20.3	30.22	83.4	85.7	-2.313	7.384	5.239	26.068	991.47	0
"2013-04-17	15:00:00"	21.25	220.1	18.95	32.01	17.36	218.7	22.42	30.22	84.9	87.3	-2.382	6.602	4.459	26.038	961.88	0
"2013-04-17	16:00:00"	22.53	230.9	15.88	36.78	18.83	231	19.13	33.8	86.1	88.2	-2.105	5.712	3.624	26.013	911.45	0
"2013-04-17	17:00:00"	20.69	225.4	17.12	36.19	16.89	224.7	20.17	30.22	87.1	89	-1.887	5.163	3.123	25.991	772.04	0
"2013-04-17	18:00:00"	20.93	229.3	19.01	36.19	16.97	228.2	22.68	32.01	87.5	89	-1.522	3.996	2.033	25.974	584.17	0
"2013-04-17	19:00:00"	21.7	236.5	14.7	35.59	18	236.9	17.49	29.63	87.5	88.4	-0.926	3.411	1.504	25.967	297.64	0
"2013-04-17	20:00:00"	20.09	243.1	10.63	32.61	16.71	244.6	12.41	29.63	85.9	86.3	-0.399	3.894	2.033	25.969	117.58	0
"2013-04-17	21:00:00"	14.93	246.6	8.68	24.86	12.15	247.2	11.14	20.68	82.9	82.7	0.221	4.621	2.867	25.976	5.3011	0
"2013-04-17	22:00:00"	19.07	267	13.16	37.38	14.32	269.1	14.88	30.22	79.94	79.85	0.092	6.138	4.378	26.009	0	0
"2013-04-17	23:00:00"	28.78	289.9	9.87	40.96	17.6	292	11.46	30.22	76.25	77.67	-1.418	12.82	10.61	26.06	0	0
"2013-04-18	00:00:00"	30.44	333.2	18.34	44.54	22.27	331.5	17.92	37.38	65.26	67.9	-2.636	22.06	19.05	26.121	0	0
"2013-04-18	01:00:00"	26.27	359	17.42	40.96	20.76	355	18.9	35.59	58.02	60.89	-2.865	29.95	25.79	26.175	0	0
"2013-04-18	02:00:00"	20.04	12	9.37	29.63	15.88	6.643	14.9	26.05	48.26	53.43	-5.176	56.64	44.45	26.232	0	0
"2013-04-18	03:00:00"	21.51	17.15	8.65	33.8	17.3	13.56	14.65	32.01	43.54	47.82	-4.28	63.25	52.6	26.241	0	0
"2013-04-18	04:00:00"	22.49	17.09	9.18	33.21	17.93	13.31	15.99	28.43	40.72	44.53	-3.814	60.73	52.05	26.264	0	0
"2013-04-18	05:00:00"	18.96	22.88	7.82	31.42	15.29	20.47	13	29.03	38.56	42.81	-4.256	61.33	51.26	26.295	0	0
"2013-04-18	06:00:00"	16.12	14.16	9.71	29.63	12.67	9.47	14.61	23.07	38.12	42.54	-4.423	61.84	52.46	26.306	0	0
"2013-04-18	07:00:00"	19.54	19.63	9.51	29.63	15.61	16.76	15.31	24.26	36.41	40.86	-4.452	54.94	45.21	26.322	0	0
"2013-04-18	08:00:00"	17.2	26.12	6.7	24.86	14.11	24.88	10.78	22.47	35.06	39.34	-4.285	55.37	46.38	26.36	27.718	0
"2013-04-18	09:00:00"	22.26	24.16	8.04	32.01	18.15	23.05	12.64	29.03	35.4	40.29	-4.895	53.19	43.3	26.381	199.55	0
"2013-04-18	10:00:00"	21.18	20.76	8.39	30.22	17.13	18.8	13.98	27.24	37.08	42.83	-5.757	47.16	37.24	26.396	409.93	0
"2013-04-18	11:00:00"	17.65	19.77	11.84	24.86	14.56	17.26	17.56	23.07	39.98	46.87	-6.892	40.65	31.87	26.412	612.77	0
"2013-04-18	12:00:00"	15.21	16.79	15.51	24.86	12.57	14.32	20.89	24.26	42.24	48.74	-6.492	35.88	28.99	26.423	787.1	0
"2013-04-18	13:00:00"	12.16	9.12	19.51	21.28	10.09	5.706	25.17	18.89	44.91	53.48	-8.57	33.44	25.28	26.423	910.65	0
"2013-04-18	14:00:00"	11.51	356.3	20.48	23.07	9.4	351.2	23.49	19.49	47.6	55.78	-8.18	31.19	23.86	26.409	970.29	0
"2013-04-18	15:00:00"	11.54	352.1	25.97	23.66	9.3	348.5	28.67	19.49	50.41	58.14	-7.727	27.51	21.2	26.395	936	0
"2013-04-18	16:00:00"	11.53	3.237	31.5	24.86	9.29	358.7	35.12	22.47	52.66	60.62	-7.955	24.69	18.54	26.383	880.22	0
"2013-04-18	17:00:00"	11.5	335.1	26.18	23.07	8.29	331.8	26.42	20.09	54.58	60.93	-6.345	21.64	16.74	26.366	759.55	0
"2013-04-18	18:00:00"	11.3	1.096	28.45	26.65	8.88	356.1	30.4	25.45	55.26	59.9	-4.643	20.05	16.15	26.364	563.68	0
"2013-04-18	19:00:00"	11.27	23.06	18.1	20.09	8.77	20.26	22.35	17.7	55.61	59.89	-4.278	17.85	14.3	26.372	308.78	0
"2013-04-18	20:00:00"	13.01	33.95	12.87	18.89	10.55	32.98	15.69	17.1	54.73	57.58	-2.85	17.54	14.6	26.382	141.47	0
"2013-04-18	21:00:00"	10.32	53.99	11.78	15.91	7.563	53.92	12.93	14.72	52.01	53.26	-1.255	18.54	16.32	26.4	9.2422	0
"2013-04-18	22:00:00"	9.22	61.19	8.94	13.52	6.161	61.82	10.95	9.95	48.29	50.18	-1.889	20.45	17.96	26.434	0	0
"2013-04-18	23:00:00"	9.76	59.96	10.7	17.7	6.608	58.72	12.37	15.31	45.15	45.51	-0.359	23.26	21.37	26.47	0	0
"2013-04-19	00:00:00"	12.84	50.31	7.993	18.89	9.51	50.62	10.11	16.51	44.26	46.25	-1.994	26.55	23.79	26.496	0	0
"2013-04-19	01:00:00"	9.26	58.08	8.29	15.31	6.131	57.79	10.8	11.14	41.34	43.21	-1.865	30.07	27.19	26.507	0	0
"2013-04-19	02:00:00"	8.04	45.85	11.35	11.14	5.046	39.13	17.96	8.16	39.8	40.49	-0.695	31.45	29.55	26.527	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-19	03:00:00"	7.644	32.37	6.083	10.54	4.562	18.25	9.3	6.964	37.79	37.65	0.145	33.65	32.38	26.535	0	0
"2013-04-19	04:00:00"	7.287	41.52	8.73	10.54	4.142	29.36	11.32	7.561	37.19	36.9	0.289	34.54	33.67	26.534	0	0
"2013-04-19	05:00:00"	6.571	43.75	7.53	8.16	2.132	29.8	12.24	6.368	36.45	35.3	1.149	35.23	35.39	26.534	0	0
"2013-04-19	06:00:00"	7.502	47.18	7.701	9.95	4.3	38.56	11.08	6.964	36.08	36.36	-0.279	35.45	34.32	26.538	0	0
"2013-04-19	07:00:00"	4.568	32.86	9.57	8.75	1.757	358.4	16.18	6.368	33.63	31.34	2.29	38.23	39.45	26.558	0.02994	0
"2013-04-19	08:00:00"	4.86	41.73	8.73	6.964	1	10.44	8.4	1	33.53	29.92	3.608	38.02	41.15	26.589	33.377	0
"2013-04-19	09:00:00"	5.377	97	30.05	10.54	2.841	90.1	39.28	9.35	36.95	37.82	-0.866	34.51	33.27	26.621	209.51	0
"2013-04-19	10:00:00"	9.26	150.1	14.05	14.72	7.629	148.4	14.94	11.74	41.27	45.51	-4.233	31.22	26.87	26.633	420.88	0
"2013-04-19	11:00:00"	9.02	168.3	17.03	16.51	7.234	165.1	18.84	14.12	43.51	48.32	-4.807	28.87	24.08	26.632	626.69	0
"2013-04-19	12:00:00"	10.38	193.9	22.47	18.89	8.44	191.5	25.53	17.1	47.42	52.77	-5.356	26.05	21.21	26.623	800.51	0
"2013-04-19	13:00:00"	11.07	213.9	25.23	20.09	9.18	212.6	29.35	17.7	50.81	56.65	-5.84	23.29	18.38	26.601	920.7	0
"2013-04-19	14:00:00"	10.66	217.9	26.04	20.68	8.7	218.7	29.81	19.49	53.93	60.45	-6.521	19.44	14.85	26.571	977.89	0
"2013-04-19	15:00:00"	10.74	218.6	28.79	20.68	8.67	217.7	32.4	18.3	56.39	63.33	-6.947	16.24	11.85	26.539	947.39	0
"2013-04-19	16:00:00"	11.4	211.4	31.4	24.86	9.18	209	35.41	20.09	58.33	64.41	-6.078	14.44	10.63	26.509	898.19	0
"2013-04-19	17:00:00"	12.07	212.4	22.72	23.07	9.93	211.2	26.06	20.68	60.47	66.1	-5.633	13.71	10.09	26.474	764.24	0
"2013-04-19	18:00:00"	13.35	195.3	19.58	24.26	10.8	193.6	21.85	19.49	61.61	66.84	-5.23	12.49	9.15	26.445	551.43	0
"2013-04-19	19:00:00"	12.62	203.1	18.2	21.28	10.12	200.3	20.28	20.09	62.33	65.62	-3.29	11.31	8.63	26.428	330.51	0
"2013-04-19	20:00:00"	12.99	196.7	13.87	19.49	10.29	193.6	15.02	17.7	62.12	63.81	-1.682	12.13	9.88	26.409	154.96	0
"2013-04-19	21:00:00"	10.63	176.6	9.94	15.91	8.23	172.6	12.42	13.52	59.82	60.54	-0.723	13.38	11.45	26.404	9.4985	0
"2013-04-19	22:00:00"	9.31	161.1	9.33	13.52	7.105	155.4	9.41	11.14	56.62	56.68	-0.065	15.2	13.56	26.407	0	0
"2013-04-19	23:00:00"	9.47	158.5	9.43	14.12	7.449	153.8	9.64	12.33	54.01	54.2	-0.196	17.23	15.53	26.41	0	0
"2013-04-20	00:00:00"	10.12	165.9	9.36	15.31	7.659	162.8	10.12	12.93	51.78	52.39	-0.609	19.89	17.99	26.403	0	0
"2013-04-20	01:00:00"	12.14	171.9	7.365	16.51	9.12	169.5	9.34	14.12	50.58	50.7	-0.113	23.52	21.88	26.387	0	0
"2013-04-20	02:00:00"	14.25	175.3	6.048	23.07	10.76	172.2	8.68	19.49	50.93	51.56	-0.633	24.84	23.09	26.372	0	0
"2013-04-20	03:00:00"	16.71	177.8	6.765	23.66	13.01	174.7	9.26	20.68	51.8	53.05	-1.252	25.14	22.92	26.361	0	0
"2013-04-20	04:00:00"	12.68	185.1	8.71	20.68	9.95	183.9	11.8	17.7	49.82	51.4	-1.581	27.96	25.33	26.35	0	0
"2013-04-20	05:00:00"	10.39	184.4	8.84	16.51	7.938	183.7	11.57	13.52	47.02	49.3	-2.285	30.93	27.65	26.341	0	0
"2013-04-20	06:00:00"	11.35	184.7	9.15	17.7	8.7	185	12.58	13.52	45.92	47.96	-2.046	31.99	29.01	26.329	0	0
"2013-04-20	07:00:00"	10.53	185.1	9.12	15.91	7.884	185.3	12.96	12.93	45.07	46.75	-1.686	32.8	30.11	26.326	0.0023	0
"2013-04-20	08:00:00"	9.7	188.6	8.52	14.12	6.502	190.9	12.34	11.14	44.56	45.71	-1.144	33.42	31.29	26.327	35.105	0
"2013-04-20	09:00:00"	13.93	180.3	7.828	23.07	10.89	177.7	10.77	18.89	48.68	50.08	-1.392	30.1	27.99	26.34	216.25	0
"2013-04-20	10:00:00"	18.65	181.8	8.44	24.86	14.76	178.8	11.71	21.87	53.85	56.37	-2.527	26.56	23.49	26.337	428.13	0
"2013-04-20	11:00:00"	17.29	184.9	10.67	25.45	13.75	182.6	13.86	21.28	58.37	61.53	-3.159	23.28	19.94	26.332	636.11	0
"2013-04-20	12:00:00"	15.8	189.1	12.64	25.45	12.59	186.7	15.66	21.28	63.36	67.53	-4.168	18.96	15.55	26.317	812.24	0
"2013-04-20	13:00:00"	14.84	204.1	14.62	25.45	11.8	201.8	17.5	21.87	67.88	72.4	-4.524	15.36	12.13	26.293	931.88	0
"2013-04-20	14:00:00"	14.33	208	20.68	26.05	11.61	206.3	23.53	21.28	71.11	76.54	-5.438	13.13	9.75	26.262	987.52	0
"2013-04-20	15:00:00"	14.43	213.2	22.53	26.05	11.65	210.4	25.43	21.87	73.87	78.47	-4.605	10.33	7.472	26.235	954.69	0
"2013-04-20	16:00:00"	15.76	212.7	21.69	30.82	12.65	210.5	24.45	25.45	76.44	81	-4.571	7.624	5.029	26.203	896.65	0
"2013-04-20	17:00:00"	16.34	230	25.7	31.42	13.24	229.5	30.07	25.45	78.52	81.6	-3.072	6.479	4.152	26.165	762.43	0
"2013-04-20	18:00:00"	18.43	245	18.18	30.82	15.06	245.1	21.36	27.84	80.2	82	-1.816	3.89	1.871	26.147	536.76	0
"2013-04-20	19:00:00"	18.49	261.3	13.26	32.01	14.51	263.3	15.79	27.24	80.5	81	-0.519	4.146	2.255	26.139	347.89	0
"2013-04-20	20:00:00"	15.67	260.8	11.19	24.26	12.3	264.2	12.95	21.28	78.93	79.24	-0.309	3.961	2.135	26.141	154.81	0
"2013-04-20	21:00:00"	13.84	259.1	17.3	21.87	10.46	261.1	18.24	17.7	75.97	75.46	0.504	4.162	2.441	26.16	10.377	0
"2013-04-20	22:00:00"	12.67	323.2	12.03	23.07	8.18	322.1	12.4	20.09	70.71	69.79	0.917	5.729	4.218	26.197	0	0
"2013-04-20	23:00:00"	8.24	337.5	32.37	13.52	4.345	330.5	30.78	11.74	64.54	60.74	3.802	8.02	7.304	26.226	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-21	00:00:00"	6.19	7.815	45.18	11.74	3.387	337.6	49.59	8.75	62.17	56.29	5.88	11.53	10.33	26.236	0
"2013-04-21	01:00:00"	7.757	196.7	30.62	12.93	5.659	198.4	35.76	10.54	58.09	57.68	0.412	18.27	16.3	26.26	0
"2013-04-21	02:00:00"	6.523	240.1	15.66	9.95	4.666	245.7	21.13	8.16	57.19	57.15	0.038	23.47	21.55	26.282	0
"2013-04-21	03:00:00"	6.099	234.5	33.76	9.35	4.38	235.4	41.35	8.16	56.44	55.94	0.505	26.26	24.9	26.295	0
"2013-04-21	04:00:00"	7.447	244.9	13.64	11.74	5.421	249	14.96	9.95	56.26	55.55	0.702	27	25.93	26.302	0
"2013-04-21	05:00:00"	6.848	283.1	17.12	9.95	2.926	290.3	20.79	5.175	52.79	49.17	3.622	28.7	29.4	26.307	0
"2013-04-21	06:00:00"	6.765	282	35.63	10.54	3.55	282.6	36.59	6.368	51.69	50.46	1.233	26.18	26.17	26.313	0
"2013-04-21	07:00:00"	8.74	320.4	19.09	11.74	3.742	309.7	22.76	6.964	49.74	44.84	4.905	28.26	30.04	26.325	0.01074
"2013-04-21	08:00:00"	5.31	266.3	36.43	10.54	2.808	260.6	49.32	5.771	48.62	46.96	1.666	28.81	28.57	26.357	34.029
"2013-04-21	09:00:00"	5.714	259.6	12.95	11.14	3.903	260.2	15.83	9.95	52.14	52.18	-0.044	27.43	26.08	26.387	211.63
"2013-04-21	10:00:00"	9.45	279.8	13.38	14.12	6.984	280	13.97	11.74	58.26	61.47	-3.213	24.78	21.65	26.4	424.81
"2013-04-21	11:00:00"	11.87	289.2	12.06	17.1	7.897	289.6	13.61	15.31	66.73	70.34	-3.605	20.27	17.26	26.402	636.18
"2013-04-21	12:00:00"	11.31	297.3	21.46	26.05	7.832	297.1	22.36	18.89	71.82	75.17	-3.354	14.68	12.02	26.403	812.9
"2013-04-21	13:00:00"	14.23	293.3	25.13	24.26	10.12	293.5	25.07	20.09	73.23	77.77	-4.544	12.42	9.48	26.395	933.35
"2013-04-21	14:00:00"	13.86	286.9	21.77	26.65	9.77	286.4	22.95	23.66	74.75	78.09	-3.336	8.88	6.475	26.379	994.48
"2013-04-21	15:00:00"	15.96	292.8	18.37	28.43	11.06	293.3	20.21	21.87	75.88	79.23	-3.341	8.25	5.859	26.36	966.54
"2013-04-21	16:00:00"	14.7	294.6	19.27	24.86	10.27	295.1	19.94	20.09	77.23	80.3	-3.061	8.18	5.84	26.345	909.65
"2013-04-21	17:00:00"	14.99	288.4	19.78	25.45	10.43	289.3	21	20.09	78.14	81.1	-2.956	8.63	6.245	26.325	769.33
"2013-04-21	18:00:00"	13.06	292.2	20.11	21.87	9.02	292	21.62	15.91	79.04	81.5	-2.412	8.71	6.438	26.31	518.72
"2013-04-21	19:00:00"	8.27	262.4	32.66	21.87	6.448	262	34.41	17.7	79.21	80.9	-1.729	8.71	6.593	26.303	363.33
"2013-04-21	20:00:00"	8.11	243.6	32.67	15.91	6.323	243	34.76	12.93	79.3	80.2	-0.911	8.44	6.521	26.301	157.08
"2013-04-21	21:00:00"	4.132	176.5	42.68	8.16	2.741	168.8	63.95	6.368	77.28	75.71	1.568	8.96	7.709	26.306	10.215
"2013-04-21	22:00:00"	5.796	137.7	11.64	9.95	3.087	116.6	25.56	6.964	74.73	68.53	6.196	9.71	10.1	26.321	0
"2013-04-21	23:00:00"	8.33	154.1	8.2	12.33	5.791	145.1	8.85	10.54	70.6	69.15	1.452	11.52	10.44	26.337	0
"2013-04-22	00:00:00"	11.57	168.1	9.3	16.51	8.69	163.4	10.71	12.93	67.29	67.09	0.205	12.95	11.52	26.343	0
"2013-04-22	01:00:00"	10.78	180.8	9.48	18.3	7.719	179.3	13.32	13.52	63.75	64.75	-0.997	14.91	13.01	26.344	0
"2013-04-22	02:00:00"	15	175.4	6.937	21.28	11.31	172	9.49	17.1	63.08	63.94	-0.867	20.38	18.2	26.336	0
"2013-04-22	03:00:00"	9.79	192	10.17	18.3	7.196	193.6	13.19	14.72	59.51	61.08	-1.569	28.34	25.41	26.32	0
"2013-04-22	04:00:00"	8.47	201.5	10.29	11.74	6.187	200.9	11.42	9.95	57.91	58.43	-0.521	37.78	35.61	26.305	0
"2013-04-22	05:00:00"	8.69	189.9	8.43	13.52	6.042	190.7	11.16	12.33	56.48	56.51	-0.032	44.32	42.35	26.299	0
"2013-04-22	06:00:00"	8.4	192.4	8.38	11.74	6.007	195	11.21	9.95	55.33	55.61	-0.282	49.07	46.97	26.293	0
"2013-04-22	07:00:00"	7.844	200.1	8.65	10.54	5.88	199.5	9.8	8.16	54.37	54.69	-0.325	52.91	50.96	26.299	0.01505
"2013-04-22	08:00:00"	7.288	208.5	11.87	11.14	5.478	203.4	12.79	8.75	53.29	53.91	-0.617	55.88	53.56	26.31	38.822
"2013-04-22	09:00:00"	9.28	215.6	11.66	14.72	7.595	215.6	14.71	12.33	55.49	57.12	-1.627	53.67	50.47	26.32	220.28
"2013-04-22	10:00:00"	12.14	209.3	12.27	18.3	10.01	205.1	15.02	15.91	61.72	63.88	-2.16	45.68	41.82	26.325	431.92
"2013-04-22	11:00:00"	12.18	214	14	18.89	10.08	211.2	16.58	15.91	67.45	69.68	-2.232	35.61	32.42	26.329	639.06
"2013-04-22	12:00:00"	10.42	229.4	20.01	17.7	8.73	229.9	24.57	14.72	72.75	75.84	-3.083	25.33	22.05	26.331	812.42
"2013-04-22	13:00:00"	8.45	232.6	27.91	18.3	7.009	233.4	32.18	15.31	77.38	81.3	-3.883	17.92	14.71	26.319	934.16
"2013-04-22	14:00:00"	7.249	217.3	39.08	15.91	6.02	213.3	44.82	14.72	80.8	85.3	-4.465	14.33	11.22	26.284	992.48
"2013-04-22	15:00:00"	9.16	214.8	28.28	24.26	7.591	211.9	33.22	21.28	83.6	88.8	-5.214	10.18	7.344	26.25	960.52
"2013-04-22	16:00:00"	12.67	231.1	36.89	30.22	10.24	230.2	38.79	30.82	86.1	91.6	-5.554	7.343	4.689	26.22	910.77
"2013-04-22	17:00:00"	12.92	247.7	25.52	24.86	10.51	248.6	28.39	20.68	86.9	91.7	-4.803	6.149	3.704	26.187	774.49
"2013-04-22	18:00:00"	10.63	232.6	31.17	20.68	8.61	231.4	34.15	19.49	87.7	92	-4.214	5.55	3.241	26.158	514.16
"2013-04-22	19:00:00"	14.38	224.5	20.96	26.65	11.67	222.1	23.9	24.26	88.9	91.8	-2.844	4.872	2.749	26.137	375.66
"2013-04-22	20:00:00"	15.71	231.8	14.84	29.63	12.89	231.1	17.69	25.45	87.8	89.9	-2.058	4.654	2.613	26.14	161.91

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-22	21:00:00"	10.78	217.6	12.08	17.7	8.32	215.5	14.71	14.12	84.1	84.8	-0.749	5.566	3.67	26.147	11.611	0
"2013-04-22	22:00:00"	7.343	214	12.73	12.33	5.283	205	15.53	9.35	78.04	77.9	0.142	6.803	5.093	26.161	0	0
"2013-04-22	23:00:00"	6.426	222.6	36.01	14.12	3.493	220.4	41.97	9.95	74.47	73.37	1.101	7.811	6.417	26.176	0	0
"2013-04-23	00:00:00"	11.87	175.2	18.87	24.26	9.08	171.4	21.5	18.3	72.77	72.37	0.409	18.08	16.06	26.189	0	0
"2013-04-23	01:00:00"	14.17	177.7	6.699	19.49	10.73	174.3	9.35	16.51	70.32	71.08	-0.763	32.73	30.59	26.187	0	0
"2013-04-23	02:00:00"	13.99	174.6	7.044	21.87	10.51	171.3	9.43	18.3	67.77	68.36	-0.593	37.75	35.87	26.184	0	0
"2013-04-23	03:00:00"	18.57	20.85	92	36.78	14.41	10.17	92.8	30.82	61.3	64.15	-2.846	43.41	37.53	26.216	0	0
"2013-04-23	04:00:00"	26.43	23.03	6.365	37.98	21.16	22.17	11.61	32.61	46	49.83	-3.831	62.08	51.38	26.248	0	0
"2013-04-23	05:00:00"	27.76	22.99	6.399	42.75	22.27	22.18	12.01	35.59	40.98	44.62	-3.644	66.52	56.16	26.271	0	0
"2013-04-23	06:00:00"	28.05	21.44	6.558	39.17	22.29	20.36	12.74	33.21	37.81	41.4	-3.594	68.93	58.56	26.3	0	0
"2013-04-23	07:00:00"	26.02	18.56	7.959	36.78	20.69	16.24	14.93	32.01	36.09	39.88	-3.787	68.63	58.12	26.338	0.01583	0
"2013-04-23	08:00:00"	26.65	23.48	7.238	39.77	21.32	22.49	12.96	36.78	34.64	38.31	-3.673	67.23	57.12	26.368	20.808	0
"2013-04-23	09:00:00"	22.66	24.1	8.06	32.61	18.14	22.65	12.74	29.63	35.13	39.43	-4.295	65.84	55.36	26.408	148.35	0
"2013-04-23	10:00:00"	21.24	24.79	9.25	30.82	17.32	23.81	14.62	26.05	37.05	42.23	-5.179	62.11	50.44	26.437	367.72	0
"2013-04-23	11:00:00"	19.28	22.31	11.31	27.24	15.77	20.2	17.07	25.45	39.67	45.86	-6.182	56.77	44.47	26.453	585.03	0
"2013-04-23	12:00:00"	17.93	21.35	11.4	26.05	14.71	18.9	17.37	24.26	42.4	49.24	-6.841	52.66	40.06	26.45	772.51	0
"2013-04-23	13:00:00"	14.77	27.79	14.58	23.07	12.28	25.99	18.58	21.87	45.28	52.34	-7.055	48.06	36.89	26.445	892.77	0
"2013-04-23	14:00:00"	13.21	33.91	20.4	24.26	11.16	32.89	24.59	21.28	47.99	54.45	-6.461	43.55	34.74	26.427	949.48	0
"2013-04-23	15:00:00"	10.85	44.78	21.95	20.09	9.02	44.53	24.76	18.89	50.48	55.56	-5.078	40.55	33.96	26.406	924.22	0
"2013-04-23	16:00:00"	10.19	49.43	20.89	20.09	8.49	49.69	24.1	18.3	52.68	57.96	-5.283	37.81	31.41	26.388	874.09	0
"2013-04-23	17:00:00"	10.17	47.13	23.74	20.09	8.21	46.32	27.02	19.49	54.1	58.93	-4.832	36	30.25	26.366	743.9	0
"2013-04-23	18:00:00"	11.84	58.86	18.94	20.68	9.81	58.52	20.58	17.1	55.02	59.47	-4.449	34.43	29.09	26.349	497.61	0
"2013-04-23	19:00:00"	12.19	62.53	15.5	19.49	9.9	62.25	15.99	17.1	55.26	58.35	-3.096	34.19	29.96	26.351	352.25	0
"2013-04-23	20:00:00"	14.32	56.35	13.54	21.28	11.37	56.75	14.7	17.7	54.04	55.85	-1.819	35.71	32.45	26.365	123.33	0
"2013-04-23	21:00:00"	16.64	47.66	9.63	31.42	13.19	47.72	11.23	25.45	51.1	52.85	-1.748	38.75	35.68	26.407	6.8229	0
"2013-04-23	22:00:00"	23.8	32.27	7.97	33.8	19.31	32.24	10.65	29.63	44.01	47.38	-3.373	45.69	38.61	26.478	0	0
"2013-04-23	23:00:00"	22.35	40.9	8.99	33.21	18.07	41.47	10.89	29.63	39.45	42.31	-2.866	51.71	45.3	26.514	0	0
"2013-04-24	00:00:00"	17.18	62.22	16.92	27.24	12.53	62.28	17.28	23.07	37.29	39.55	-2.254	55.18	50.23	26.518	0	0
"2013-04-24	01:00:00"	17.48	41.38	8.83	27.84	13.91	41.19	10.49	23.66	36.1	38.79	-2.692	57.87	52.27	26.561	0	0
"2013-04-24	02:00:00"	20.14	43.81	7.794	29.63	16.34	43.41	9.08	26.05	34.58	36.95	-2.371	60.43	54.88	26.573	0	0
"2013-04-24	03:00:00"	16.49	42.67	7.467	24.86	13.27	42.33	9.03	21.28	33.11	34.97	-1.86	61.57	57.19	26.568	0	0
"2013-04-24	04:00:00"	11.24	31.78	8.16	16.51	9.07	30.31	11.6	14.72	32.24	34.52	-2.276	63	58.1	26.558	0	0
"2013-04-24	05:00:00"	8.19	29.57	8.81	12.93	6.432	28.42	12.39	10.54	31.28	32.94	-1.665	64.21	60.49	26.57	0	0
"2013-04-24	06:00:00"	11.32	25.68	5.893	15.91	8.86	23.46	10.21	14.12	30.1	33.02	-2.912	64.75	59.3	26.57	0	0
"2013-04-24	07:00:00"	11.08	29.24	6.475	15.91	8.82	27.6	10.39	15.31	29.49	31.94	-2.453	64.61	59.2	26.572	0.04933	0
"2013-04-24	08:00:00"	8.96	18.27	7.275	14.12	6.857	12.7	12.91	12.33	29.1	30.72	-1.627	65.2	62	26.586	37.939	0
"2013-04-24	09:00:00"	11.89	25.97	10.15	18.3	9.81	24.89	14.48	15.31	32.1	35.73	-3.626	57.39	51.35	26.612	210.98	0
"2013-04-24	10:00:00"	9.33	48.58	15.03	14.12	7.054	48.3	16.55	12.93	35.56	38.32	-2.756	49.28	43.97	26.624	418.35	0
"2013-04-24	11:00:00"	5.783	59.53	26.78	11.14	4.196	60.86	31.3	9.95	39.33	43.05	-3.719	44.17	38.11	26.624	619.3	0
"2013-04-24	12:00:00"	4.983	100.6	48.12	11.74	3.946	99.1	52.9	11.14	43.24	47.48	-4.239	39.58	33.86	26.618	789.94	0
"2013-04-24	13:00:00"	5.149	126.5	49.39	11.74	3.785	125	50.42	11.74	47.49	51.99	-4.506	35.02	29.69	26.603	908.5	0
"2013-04-24	14:00:00"	5.921	142.6	49.27	15.31	4.711	142.7	53.08	14.72	50.88	54.72	-3.836	31.92	27.27	26.578	943.01	0
"2013-04-24	15:00:00"	7.423	141.1	39.82	15.91	6.141	140.7	42.9	13.52	53.72	56.27	-2.546	29.67	26.09	26.554	873.21	0
"2013-04-24	16:00:00"	6.532	149.6	36.88	14.72	5.275	148.9	42.87	12.93	56.38	58.65	-2.263	28.45	25.12	26.526	872.76	0
"2013-04-24	17:00:00"	7.504	147.9	30.37	14.72	5.968	147	34.33	14.12	58.6	60.83	-2.221	28.57	25.22	26.497	678.73	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-24	18:00:00"	8.59	149.8	26.92	15.91	7.012	146.9	30.02	14.72	60.28	62.06	-1.775	28.15	25.12	26.471	496.65	0	
"2013-04-24	19:00:00"	9.69	151.3	24.32	19.49	7.853	150.6	25.64	17.1	61.21	62.82	-1.616	28.32	25.4	26.465	361.8	0	
"2013-04-24	20:00:00"	11.17	134.5	18.59	17.7	8.9	134.5	18.83	15.91	60.9	62.03	-1.127	27.82	25.29	26.472	157.25	0	
"2013-04-24	21:00:00"	10.4	130.8	7.741	15.31	7.603	131	8.89	12.33	58.73	59.28	-0.545	29.05	26.9	26.49	10.704	0	
"2013-04-24	22:00:00"	9.49	125.9	6.801	12.93	4.443	125	8.86	9.95	55.42	55.37	0.052	31.49	29.83	26.513	0	0	
"2013-04-24	23:00:00"	9.93	119	7.578	13.52	6.789	118.6	9.8	9.95	53.33	53.24	0.086	32.8	31.25	26.532	0	0	
"2013-04-25	00:00:00"	9.31	108.4	10.12	12.93	6.138	104.9	13.09	10.54	50.46	50.36	0.104	34.76	33.15	26.544	0	0	
"2013-04-25	01:00:00"	8.87	102.2	7.205	12.33	5.086	94.8	9.94	8.16	47.62	47.01	0.609	36.72	35.85	26.548	0	0	
"2013-04-25	02:00:00"	8.89	95.8	6.883	11.74	3.547	82.6	11.35	6.368	46.96	45.57	1.391	36.37	36.24	26.555	0	0	
"2013-04-25	03:00:00"	9.23	92.9	6.202	11.74	4.21	86.2	9.27	8.16	45.05	44.02	1.028	37.7	37.16	26.547	0	0	
"2013-04-25	04:00:00"	8.55	86.5	8.82	11.14	1.01	78.67	11.26	2.789	43.78	43.14	0.641	39.43	38.65	26.545	0	0	
"2013-04-25	05:00:00"	8.48	76.75	8.72	11.74	3.134	73.37	9.41	8.16	44.73	45.13	-0.401	38.78	37.11	26.554	0	0	
"2013-04-25	06:00:00"	10.2	78.67	6.821	14.12	6.512	76.09	8.62	11.74	44.85	45.19	-0.338	37.85	36.22	26.551	0	0	
"2013-04-25	07:00:00"	9.15	77.29	8.72	13.52	6.406	75.24	10.5	11.14	44.23	44.7	-0.47	38.24	36.5	26.549	0.03779	0	
"2013-04-25	08:00:00"	10.31	94.7	10.51	17.1	7.604	93.5	11.62	13.52	45.56	45.71	-0.156	39.3	37.77	26.534	10.109	0	
"2013-04-25	09:00:00"	10.42	112	12.69	18.89	8.2	112.4	14.33	15.31	49.85	50.23	-0.377	39.1	37.37	26.567	66.613	0	
"2013-04-25	10:00:00"	12.09	130.2	12.52	17.7	9.57	130.8	13.16	15.91	52.51	53.31	-0.801	41.07	38.63	26.589	159.02	0	
"2013-04-25	11:00:00"	12.42	132.3	12.44	21.87	10.1	133.1	13.6	17.1	54.29	55.84	-1.554	43.86	40.21	26.591	364.47	0	
"2013-04-25	12:00:00"	14.71	139.4	11.96	21.87	12.14	139.7	12.29	20.09	56.82	59.12	-2.303	43.24	38.81	26.572	553.89	0	
"2013-04-25	13:00:00"	15.89	150.7	15.18	27.84	13.12	149.9	15.51	23.66	59.98	62.61	-2.631	43.9	38.91	26.543	852.97	0	
"2013-04-25	14:00:00"	18.72	149.3	13.66	29.63	15.44	148.3	13.65	26.05	63.63	67.04	-3.415	42.16	36.79	26.509	967.42	0	
"2013-04-25	15:00:00"	17.68	154.9	17.45	27.84	14.61	154	17.81	24.26	66.61	69.29	-2.685	39.68	35.34	26.483	921.07	0	
"2013-04-25	16:00:00"	19.3	145.8	14.2	29.03	15.91	145.4	13.77	25.45	69.08	72.11	-3.021	35.64	31.39	26.435	875.27	0	
"2013-04-25	17:00:00"	19.83	145.7	13.02	30.82	16.32	145	12.75	26.05	71.77	74.65	-2.874	33.1	29.18	26.392	736.18	0	
"2013-04-25	18:00:00"	21.64	146.6	12.38	32.61	17.76	145.8	12.65	27.84	72.65	74.8	-2.151	32.95	29.58	26.361	475.47	0	
"2013-04-25	19:00:00"	23.74	147.5	10.37	36.78	19.4	146.5	10.5	29.03	73.33	75.94	-2.604	33.55	29.98	26.332	353.25	0	
"2013-04-25	20:00:00"	20.18	154.2	11.23	31.42	16.55	152.7	11.5	27.24	72.07	73.88	-1.802	36.21	33.18	26.328	155.49	0	
"2013-04-25	21:00:00"	15.61	147.4	9.85	25.45	12.59	147.2	10.15	21.28	68.97	69.3	-0.33	41.02	38.97	26.341	10.06	0	
"2013-04-25	22:00:00"	13.28	139.1	9.98	20.68	10.35	138.8	9.88	17.1	65.55	65.77	-0.215	48.95	46.94	26.373	0	0	
"2013-04-25	23:00:00"	18	141.2	7.884	28.43	14.41	141.5	8.52	23.66	62.71	63.71	-1.007	55.15	52.32	26.385	0	0	
"2013-04-26	00:00:00"	13.81	138.4	11.5	23.07	10.84	138.7	11.54	20.68	59.4	60.56	-1.163	59.91	56.84	26.369	0	0	
"2013-04-26	01:00:00"	14.46	155.2	10.18	26.05	11.87	153.6	10.07	21.28	57.19	58.07	-0.883	61.31	58.66	26.375	0	0	
"2013-04-26	02:00:00"	9.63	169.5	11.9	16.51	7.492	167.6	14.15	13.52	54.74	54.85	-0.111	64.8	63.07	26.376	0	0	
"2013-04-26	03:00:00"	12.96	175.7	6.515	20.09	9.84	172.6	9.43	16.51	53.88	54.32	-0.434	65.03	63.08	26.365	0	0	
"2013-04-26	04:00:00"	10.82	179	10.46	15.91	8.26	177.3	13.51	13.52	52.28	53.54	-1.264	67.76	64.47	26.345	0	0	
"2013-04-26	05:00:00"	7.426	192.9	9.81	14.12	4.623	193.1	12.53	11.14	50.78	51.31	-0.523	70.46	68.44	26.354	0	0	
"2013-04-26	06:00:00"	8.37	198.1	10.06	12.33	4.447	197.8	11.08	9.35	48.98	49.91	-0.924	73.38	70.38	26.352	0	0	
"2013-04-26	07:00:00"	8.06	204.5	11.12	11.14	6.027	201.8	12.48	8.75	47.91	47.75	0.159	76.2	74.94	26.361	0.04814	0	
"2013-04-26	08:00:00"	7.859	235.6	19.33	11.14	1.71	237.1	23.39	8.75	48	48.1	-0.107	76.89	75.55	26.381	44.872	0	
"2013-04-26	09:00:00"	8.27	248.1	13.94	12.33	4.965	251.7	16.11	11.74	50.12	51.07	-0.948	74.62	71.98	26.408	225.78	0	
"2013-04-26	10:00:00"	9.04	258.2	10.96	12.33	6.812	262.1	13.95	11.74	56.35	57.71	-1.357	62.33	58.68	26.416	437.64	0	
"2013-04-26	11:00:00"	9.95	285.4	18.39	20.09	6.548	285.2	19.98	13.52	66.88	68.55	-1.665	36.75	33.7	26.422	646.07	0	
"2013-04-26	12:00:00"	13.99	297.8	19.12	24.26	9.49	297.8	20.22	17.7	73.26	76.16	-2.905	18.06	15.35	26.425	824.6	0	
"2013-04-26	13:00:00"	15.35	276.5	18.34	29.03	11.27	278	19.29	21.87	75.76	78.47	-2.708	13.75	11.21	26.421	946.15	0	
"2013-04-26	14:00:00"	17.61	281.6	14.48	27.84	12.29	283.2	16.1	24.26	77.33	81.3	-3.985	10.24	7.672	26.405	1000.3	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-26	15:00:00"	16.47	281	14.99	25.45	11.6	282.1	17.16	25.45	78.54	82.4	-3.859	9.47	6.92	26.397	968.39	0	
"2013-04-26	16:00:00"	13.22	258.4	24.68	28.43	10.2	259.9	27.73	24.26	79.6	83.4	-3.802	9.89	7.271	26.383	909.81	0	
"2013-04-26	17:00:00"	13.37	276.4	24.18	27.84	9.81	276.7	24.55	25.45	81.2	84.5	-3.335	8.25	5.881	26.363	774.16	0	
"2013-04-26	18:00:00"	12.52	272.3	18.99	24.26	9.16	272.5	20.9	20.68	82.4	84.8	-2.388	7.395	5.212	26.352	514.95	0	
"2013-04-26	19:00:00"	11.61	258.6	22.86	21.28	9.09	259.2	24.71	18.89	82.8	84.9	-2.051	7.228	5.11	26.349	377.5	0	
"2013-04-26	20:00:00"	7.254	238	22.51	13.52	5.79	239	25.53	11.14	82.4	83	-0.591	7.264	5.414	26.356	167.91	0	
"2013-04-26	21:00:00"	4.113	266.3	71.05	7.561	2.423	271.9	81.9	5.771	79.74	78.06	1.683	8.18	6.95	26.369	13.648	0	
"2013-04-26	22:00:00"	8.72	2.667	16.57	11.14	4.535	358.9	8.59	6.964	77.34	69.06	8.28	8.51	9.77	26.391	0	0	
"2013-04-26	23:00:00"	16.95	32.23	9.73	28.43	13.01	30.07	14.37	26.05	72.02	69.76	2.265	19.5	18.87	26.425	0	0	
"2013-04-27	00:00:00"	18.41	37.55	6.955	30.22	14.85	37.4	9.03	25.45	67.39	68.43	-1.041	30.22	27.95	26.45	0	0	
"2013-04-27	01:00:00"	15.81	36.74	7.012	21.28	12.58	36.59	9.09	18.3	63.45	64.82	-1.37	34.06	31.57	26.466	0	0	
"2013-04-27	02:00:00"	13.75	40.11	6.742	19.49	10.67	39.77	8.22	17.1	60.34	61.36	-1.018	37.31	35.06	26.473	0	0	
"2013-04-27	03:00:00"	8.87	71.51	16.42	15.91	5.792	69.54	16.55	12.93	56.26	56.83	-0.568	41.51	39.26	26.484	0	0	
"2013-04-27	04:00:00"	9.7	61.58	11.37	12.93	3.682	59.53	12.47	9.35	54.08	54.42	-0.348	45.3	43.31	26.49	0	0	
"2013-04-27	05:00:00"	11.58	34.37	18.06	16.51	7.374	31.13	22.67	14.12	54	54.91	-0.908	47.27	44.72	26.482	0	0	
"2013-04-27	06:00:00"	11.49	7.802	9.57	15.31	5.048	0.668	12.39	11.74	50.89	52.48	-1.589	53.44	50.22	26.491	0	0	
"2013-04-27	07:00:00"	11.15	8.49	7.713	14.12	7.559	2.046	12.31	11.14	49.99	51.62	-1.631	56.77	53.6	26.493	0.07019	0	
"2013-04-27	08:00:00"	10.64	7.491	10.34	14.72	7.395	0.079	12.83	12.33	48.6	50.28	-1.682	60.57	57.48	26.504	44.406	0	
"2013-04-27	09:00:00"	12.64	12.57	8.81	17.1	9.98	7.495	13.91	15.31	54.25	57.05	-2.797	54.61	50.49	26.524	221.06	0	
"2013-04-27	10:00:00"	12.33	22.91	10.42	16.51	9.91	21.26	15.68	15.31	59.75	63.45	-3.699	46.62	40.84	26.53	425.72	0	
"2013-04-27	11:00:00"	10.93	55.36	20.86	18.3	8.89	55.14	21.97	16.51	64.26	67.31	-3.048	39.08	34.88	26.528	625.95	0	
"2013-04-27	12:00:00"	11.31	83.2	17.08	18.89	9.29	83	18.87	15.91	68.73	71.23	-2.508	31.12	27.67	26.529	796.66	0	
"2013-04-27	13:00:00"	10.88	90	21.7	21.87	9.11	90.2	24.19	19.49	70.84	74.39	-3.544	27.31	23.43	26.518	908.02	0	
"2013-04-27	14:00:00"	10.49	77.12	20.8	20.09	8.59	76.01	22.77	17.1	73.51	77.05	-3.535	23.89	20.16	26.49	966.95	0	
"2013-04-27	15:00:00"	9.98	91.1	29.21	20.68	8.19	92.7	30.56	18.3	76.12	79.26	-3.144	20.22	16.97	26.462	938.05	0	
"2013-04-27	16:00:00"	9.4	87.4	31.18	20.09	7.59	88.3	32.82	17.1	77.66	80.5	-2.875	20.08	16.93	26.437	884.34	0	
"2013-04-27	17:00:00"	9.81	108.9	31.57	21.28	8.02	110.1	32.88	17.7	78.57	81.4	-2.785	19.19	16.21	26.407	750.34	0	
"2013-04-27	18:00:00"	10.72	119.9	32.19	20.68	8.52	120.7	34.2	18.89	79.15	82.2	-3.047	17.59	14.64	26.386	510.24	0	
"2013-04-27	19:00:00"	10.1	113.2	20.48	19.49	8.23	113	21.92	16.51	79.05	80.4	-1.34	17	14.64	26.381	364.88	0	
"2013-04-27	20:00:00"	11.05	126.4	12.75	18.3	8.58	127.3	14.09	15.91	78.05	79.02	-0.973	17.84	15.67	26.38	157.33	0	
"2013-04-27	21:00:00"	8.91	121.7	7.337	17.1	3.27	121.7	10.04	13.52	74.78	74.13	0.648	19.09	17.59	26.384	11.349	0	
"2013-04-27	22:00:00"	9.1	112.7	8.06	11.74	1.139	105.9	13.15	6.964	69.89	68.01	1.878	21.07	20.27	26.39	0	0	
"2013-04-27	23:00:00"	10.4	105.8	5.211	12.93	2.947	100.2	8.97	9.35	66.6	64.78	1.821	23.45	22.83	26.4	0	0	
"2013-04-28	00:00:00"	11.72	110.1	6.623	16.51	6.631	109.6	8.76	13.52	65.43	64.91	0.526	26.18	24.92	26.404	0	0	
"2013-04-28	01:00:00"	11.27	112.8	7.356	15.91	6.125	112.2	9.59	12.93	64.38	63.75	0.63	28.29	27.09	26.406	0	0	
"2013-04-28	02:00:00"	12.11	136.7	9.43	17.7	7.998	136.9	9.8	14.72	62.85	62.97	-0.124	31.94	30.35	26.406	0	0	
"2013-04-28	03:00:00"	9.52	148.2	8.69	14.12	3.354	146.7	8.37	10.54	60.46	60.62	-0.162	36.57	34.97	26.393	0	0	
"2013-04-28	04:00:00"	8.48	158.2	10.32	12.33	2.372	156.9	11.3	10.54	58.68	59.16	-0.479	40.76	38.69	26.381	0	0	
"2013-04-28	05:00:00"	7.783	171.1	7.64	11.74	1.264	168.3	9.04	8.16	56.75	56.79	-0.04	45.7	43.9	26.38	0	0	
"2013-04-28	06:00:00"	7.54	161.9	10.14	11.14	1.313	159.3	10.62	8.16	56.45	56.3	0.154	51.18	49.53	26.381	0	0	
"2013-04-28	07:00:00"	5.687	167.3	8.97	9.95	1.001	163.7	11.88	2.193	56.38	56.18	0.208	55.67	54.11	26.387	0.09826	0	
"2013-04-28	08:00:00"	5.029	172	7.58	7.561	1	169.5	11.3	1	56.21	56.38	-0.169	58.75	56.69	26.392	43.014	0	
"2013-04-28	09:00:00"	8.94	178	10.66	18.89	5.329	175.5	13.12	16.51	59.73	61.03	-1.301	60.4	57.08	26.398	212.51	0	
"2013-04-28	10:00:00"	15.53	183	9.41	24.86	12	181	12.64	22.47	65.56	67.6	-2.037	62.28	57.61	26.395	418.47	0	
"2013-04-28	11:00:00"	15.78	190.1	11.21	23.07	12.44	188.7	14.38	20.09	68.61	72.04	-3.435	61	54.17	26.389	618	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-04-28	12:00:00"	12.02	201.4	18.83	19.49	9.77	199.9	21.14	15.91	72.1	75.39	-3.291	52.63	46.37	26.382	785.86	0
"2013-04-28	13:00:00"	10.3	189.7	22.89	18.89	8.42	186.6	25.93	17.1	75.24	78.47	-3.224	38.64	33.93	26.369	910.89	0
"2013-04-28	14:00:00"	11.18	171.9	25.68	21.87	9.27	169.2	26.97	18.89	78.58	81.7	-3.162	26.29	22.62	26.346	997.28	0
"2013-04-28	15:00:00"	10.66	183	34.02	22.47	8.71	180.8	35.49	20.68	80.2	83.3	-3.088	21.49	18.17	26.318	958.28	0
"2013-04-28	16:00:00"	8.23	149.8	75.67	23.07	6.116	152.8	77.23	18.89	79.99	82.2	-2.168	18.7	15.95	26.29	443.09	0
"2013-04-28	17:00:00"	19.9	314.6	28.9	32.01	13	314.9	29.54	26.05	77.58	80.1	-2.563	23.34	20.32	26.285	340.15	0
"2013-04-28	18:00:00"	17.15	301.6	15.53	27.84	11.12	301.8	16.48	21.87	78.74	81.7	-2.915	20.81	17.79	26.271	360.5	0
"2013-04-28	19:00:00"	8.26	288.7	38.21	16.51	5.915	290.2	36.43	12.93	79.57	81.3	-1.778	18.98	16.54	26.261	362.8	0
"2013-04-28	20:00:00"	9.27	172.5	32.27	24.86	7.539	170.2	32.18	20.68	79.12	80.3	-1.183	19.77	17.47	26.242	163.71	0
"2013-04-28	21:00:00"	11.66	160.9	12.69	18.3	7.26	157.8	13.34	16.51	74.4	75.09	-0.682	25.95	23.86	26.245	17.596	0
"2013-04-28	22:00:00"	7.96	129.8	12.8	10.54	4.161	123.2	17.2	8.16	70.07	69.03	1.047	28.38	27.33	26.255	0	0
"2013-04-28	23:00:00"	9.46	156.6	10.1	13.52	5.576	152.6	10.18	11.74	70.02	68.99	1.03	27.74	27.1	26.258	0	0
"2013-04-29	00:00:00"	12.66	164.8	10.73	20.09	9.69	161.9	12	16.51	66.67	66.92	-0.249	31.89	30.17	26.264	0	0
"2013-04-29	01:00:00"	11.38	183.8	8.84	18.89	6.502	181.5	11.66	17.7	64.51	64.88	-0.369	40.97	38.92	26.271	0	0
"2013-04-29	02:00:00"	10.79	182.9	8.45	15.31	7.793	181.9	11.82	12.93	61.43	61.91	-0.477	49.89	47.54	26.283	0	0
"2013-04-29	03:00:00"	10.46	180.9	8.22	14.72	7.845	179.1	10.97	12.93	59.42	59.75	-0.324	54.32	52.36	26.283	0	0
"2013-04-29	04:00:00"	10.97	182	8.73	17.1	8.04	180.9	12.18	14.12	57.75	58.18	-0.437	58.98	56.89	26.286	0	0
"2013-04-29	05:00:00"	9.73	187.8	8.53	17.1	7.167	188.8	11.78	14.12	56.61	56.61	0.003	61.22	60.09	26.29	0	0
"2013-04-29	06:00:00"	12.75	188.4	10.34	19.49	9.88	187.9	13.2	15.91	57.31	57.73	-0.426	59.5	57.97	26.278	0	0
"2013-04-29	07:00:00"	9.93	198.6	16.51	17.1	7.465	197.6	17.93	13.52	56.41	56.99	-0.581	61.99	59.78	26.275	0.11974	0
"2013-04-29	08:00:00"	8.87	183.4	9.55	12.93	6.327	182.3	13.07	9.95	54.07	54.87	-0.804	69.74	66.85	26.278	48.815	0
"2013-04-29	09:00:00"	10.27	181.5	9.55	17.1	8.01	179	11.32	14.72	57.61	58.76	-1.156	64.79	62.47	26.284	226.76	0
"2013-04-29	10:00:00"	10.39	200.4	11.7	15.91	8.28	198.9	14.67	13.52	64.73	65.94	-1.211	49.94	46.9	26.277	434.74	0
"2013-04-29	11:00:00"	9.05	218.9	20.63	14.12	5.916	218.7	24.57	13.52	69.51	71.11	-1.598	41.07	37.79	26.272	637.3	0
"2013-04-29	12:00:00"	13.28	201.9	15.19	21.87	10.49	198.5	17.52	18.3	75.27	77.45	-2.181	29.28	26.21	26.261	808.82	0
"2013-04-29	13:00:00"	14.23	192.3	16.03	23.66	11.44	189.8	17.9	20.09	78.89	81.8	-2.955	22.57	19.36	26.249	926.11	0
"2013-04-29	14:00:00"	13.41	196.6	19.5	24.26	10.89	195.3	22.71	20.68	81.1	84.5	-3.387	20.15	16.83	26.226	979.07	0
"2013-04-29	15:00:00"	12.03	199.7	24.46	24.26	9.83	198.3	28	20.09	82.6	85.5	-2.943	18.1	15.09	26.204	948.14	0
"2013-04-29	16:00:00"	13.55	185.3	21.47	24.86	11.02	183.8	25.23	20.68	83.5	86.6	-3.089	18.15	15.07	26.175	889.88	0
"2013-04-29	17:00:00"	13.53	180.6	18.71	23.07	11.07	178.9	21.6	20.68	84.1	87.2	-3.095	17.51	14.44	26.152	754.75	0
"2013-04-29	18:00:00"	14.32	182.2	19.76	25.45	11.56	180.4	21.4	21.87	84.5	86.8	-2.324	16.57	13.87	26.133	555.74	0
"2013-04-29	19:00:00"	12.92	168	15.57	20.68	10.49	165.9	17.23	17.7	84.4	86	-1.539	15.84	13.49	26.12	365.52	0
"2013-04-29	20:00:00"	14.21	166.3	12.76	24.86	11.46	163.6	13.44	21.28	83.7	84.3	-0.569	15.67	13.69	26.109	161.59	0
"2013-04-29	21:00:00"	10.56	166.8	8.45	16.51	8.2	164.5	10.04	14.72	80.7	80.5	0.164	16.32	14.65	26.113	13.94	0
"2013-04-29	22:00:00"	11.01	168.2	7.974	18.3	8.43	165.5	9.96	14.72	76.17	75.92	0.257	20.01	18.43	26.122	0	0
"2013-04-29	23:00:00"	15.33	171.7	6.938	24.26	11.76	168.8	9.34	19.49	74.1	73.76	0.339	27.64	26.15	26.136	0	0
"2013-04-30	00:00:00"	17.01	174.6	6.996	24.86	13.1	172.3	9.68	20.68	71.96	72.14	-0.174	36.38	34.63	26.142	0	0
"2013-04-30	01:00:00"	18.92	177.2	6.534	27.24	14.65	175.1	9.28	24.26	70.03	70.53	-0.493	43.41	41.13	26.142	0	0
"2013-04-30	02:00:00"	15.94	180.9	7.532	23.66	12.52	179	10.39	21.87	68.14	68.33	-0.188	45.88	43.98	26.149	0	0
"2013-04-30	03:00:00"	17.11	180.2	7.16	26.05	13.43	177.7	9.53	20.09	66.71	67.1	-0.381	47.38	45.46	26.142	0	0
"2013-04-30	04:00:00"	14.57	184.4	8.65	21.87	11.37	183	11.73	17.7	65.71	66.31	-0.601	49.36	47.2	26.135	0	0
"2013-04-30	05:00:00"	14.47	183.6	8.46	20.68	11.51	182.7	11.73	18.3	64.35	64.97	-0.619	54.78	52.52	26.13	0	0
"2013-04-30	06:00:00"	12.84	187.1	8.87	20.09	10.04	187	12.43	18.3	62.34	62.59	-0.25	61.45	59.66	26.128	0	0
"2013-04-30	07:00:00"	10.76	191.2	8.03	17.1	8.21	192.9	12.06	13.52	60.71	60.86	-0.145	67.82	66.27	26.129	0.14607	0
"2013-04-30	08:00:00"	10.45	197.3	8.17	15.31	8.12	198	10.01	12.33	59.21	60.16	-0.952	73.21	70.52	26.132	52.568	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-04-30	09:00:00"	11.99	204.4	10.42	20.09	9.66	201.2	12	16.51	61.53	62.73	-1.194	71.72	69.07	26.133	221.69	0
"2013-04-30	10:00:00"	12.76	206.1	12.63	20.68	10.36	204	15.23	17.1	66.41	67.81	-1.401	59.37	56.14	26.136	443.85	0
"2013-04-30	11:00:00"	10.33	222.4	17.13	16.51	8.68	220.6	21.55	13.52	72.07	73.68	-1.604	41.88	38.74	26.139	647.29	0
"2013-04-30	12:00:00"	8.36	238.6	19.7	14.12	7.036	239.6	22.46	12.93	78.89	80.7	-1.764	26.29	23.65	26.132	819.17	0
"2013-04-30	13:00:00"	5.531	268.6	37.57	11.74	4.362	268.3	44.33	9.35	84.8	86.9	-2.023	15.5	13.16	26.119	939.5	0
"2013-04-30	14:00:00"	5.107	212.4	68.05	14.12	4.379	210	69.6	13.52	88.6	90.3	-1.663	10.38	8.26	26.096	995.87	0
"2013-04-30	15:00:00"	8.87	238.1	44.93	26.05	7.368	236.3	48.86	20.68	90.8	92.6	-1.806	7.228	5.15	26.079	770.43	0
"2013-04-30	16:00:00"	9.96	244	52.88	23.07	7.967	244.8	55.15	17.1	92	93.7	-1.702	5.909	3.885	26.064	686.78	0
"2013-04-30	17:00:00"	8.81	277.9	53.6	25.45	6.801	276.6	55.6	23.07	91.3	92.4	-1.125	6.281	4.312	26.056	400.16	0
"2013-04-30	18:00:00"	8.21	205.8	46.38	25.45	6.585	202.7	47.67	18.89	91.6	92.7	-1.107	5.902	3.968	26.043	385.68	0
"2013-04-30	19:00:00"	7.322	235.7	33.22	18.3	5.676	235.4	38.21	16.51	92	92.8	-0.828	5.547	3.679	26.037	331.37	0
"2013-04-30	20:00:00"	8.94	261.3	22.05	17.7	6.627	263.9	24.31	14.12	91.7	92	-0.359	5.97	4.136	26.04	122.87	0
"2013-04-30	21:00:00"	11.41	325.8	46.1	28.43	8.31	322.9	43.34	23.66	90.1	89.7	0.408	7.248	5.53	26.048	26.218	0
"2013-04-30	22:00:00"	4.31	211.8	20.73	8.16	2.97	205.9	22.5	6.368	85.5	84.6	0.847	8.33	6.796	26.068	0	0
"2013-04-30	23:00:00"	3.24	198.3	15.72	5.175	1.562	168.1	18.8	4.578	81.8	79.92	1.848	9.23	8.25	26.094	0	0
"2013-05-01	00:00:00"	13.25	162.4	13.16	21.28	10.36	159.7	14.64	20.68	78.87	78.48	0.386	16.95	15.19	26.119	0	0
"2013-05-01	01:00:00"	11.59	163	11.54	17.7	9.25	159.6	12.85	15.91	76.43	76.29	0.135	33.1	31.35	26.131	0	0
"2013-05-01	02:00:00"	13.68	131.3	33.35	26.65	10.55	129.5	32.78	21.87	74.06	73.98	0.087	42.48	40.77	26.15	0	0
"2013-05-01	03:00:00"	17.16	132.1	9.33	27.84	13.21	132.7	10.46	21.87	73.42	73.26	0.162	41.49	39.94	26.158	0	0
"2013-05-01	04:00:00"	14.42	146.7	10.07	20.68	11.52	145.7	9.83	17.1	71.76	71.75	0.005	40.19	38.72	26.153	0	0
"2013-05-01	05:00:00"	10.3	155.4	10.25	18.3	8.26	153.6	10.3	15.31	68.95	68.86	0.091	45.07	43.34	26.156	0	0
"2013-05-01	06:00:00"	8.95	200.6	28.34	15.31	5.893	202.1	31.71	12.33	65.93	65.67	0.258	53.24	51.81	26.168	0	0
"2013-05-01	07:00:00"	8.21	230.6	24.52	14.12	3.812	234.1	27.21	11.14	64.23	64.12	0.11	56.93	55.41	26.189	0.24349	0
"2013-05-01	08:00:00"	9.23	241.9	12.64	14.72	7.02	244.8	15.85	12.33	63.17	62.98	0.186	62.4	61.19	26.22	48.016	0
"2013-05-01	09:00:00"	9.6	237.9	12.54	14.72	8.02	239	15.01	13.52	65.74	66.33	-0.594	60.12	57.93	26.24	243.62	0
"2013-05-01	10:00:00"	7.718	251	25.47	14.72	6.062	251.1	27.16	11.14	71.09	72.04	-0.95	46.49	43.93	26.245	448.38	0
"2013-05-01	11:00:00"	17.03	333.4	15.31	27.24	12.97	330.6	16.29	22.47	81	82.8	-1.835	15.17	13.17	26.247	657.28	0
"2013-05-01	12:00:00"	19.91	1.642	18.25	29.03	15.91	356.7	19.75	26.05	81.4	84.8	-3.465	14.65	11.85	26.265	820.62	0
"2013-05-01	13:00:00"	19.97	16.12	12.2	28.43	16.25	12.61	18.27	25.45	78.72	83	-4.238	23.72	19.87	26.276	921.46	0
"2013-05-01	14:00:00"	18.12	19.69	13.56	26.65	14.6	17.35	18.43	24.26	79.54	83.9	-4.395	20.76	17.1	26.283	962.24	0
"2013-05-01	15:00:00"	16.89	33.97	15.76	27.24	13.81	33.45	19.67	23.66	80.6	84.8	-4.156	19.96	16.43	26.294	916.8	0
"2013-05-01	16:00:00"	18.28	40.13	14.45	29.03	14.84	39.42	17.51	26.05	80.6	85.6	-4.978	20.18	16.25	26.294	866.21	0
"2013-05-01	17:00:00"	19.76	46.96	12.26	27.84	16.05	47.73	14.31	24.86	80.7	84.2	-3.477	20.62	17.24	26.281	732.14	0
"2013-05-01	18:00:00"	21.53	58.9	12.05	31.42	16.81	60.33	14	25.45	80.2	83	-2.797	22.15	18.97	26.276	544.25	0
"2013-05-01	19:00:00"	21.51	61.11	9.91	29.03	16.62	62.31	11.88	24.86	78.24	81.7	-3.462	25.68	22.06	26.28	337.82	0
"2013-05-01	20:00:00"	20.91	63.63	8.48	31.42	15.95	64.43	10.43	24.86	75.01	77.21	-2.199	30.25	27.25	26.283	70.268	0
"2013-05-01	21:00:00"	20.27	54.33	9.92	29.03	15.52	54.96	11.71	24.86	71.27	73.13	-1.851	34.51	31.66	26.298	9.4184	0
"2013-05-01	22:00:00"	25.43	37.28	9.47	40.36	20.58	37.97	11.32	33.21	63.75	66.82	-3.073	42.74	37.41	26.345	0	0
"2013-05-01	23:00:00"	29.91	32.75	7.438	43.35	24.22	33.25	10.54	39.77	53.44	57.07	-3.624	54.67	46.07	26.41	0	0
"2013-05-02	00:00:00"	30.6	30.44	7.808	43.35	24.86	30.94	11.45	37.98	46.78	50.25	-3.472	62.98	54.01	26.468	0	0
"2013-05-02	01:00:00"	31.06	26.83	7.847	43.94	25.01	27.21	12.28	37.38	43.86	47.04	-3.184	66.78	58.48	26.509	0	0
"2013-05-02	02:00:00"	31.76	14.99	8.06	46.92	24.89	11.8	15.63	37.38	42.47	45.89	-3.419	65.65	56.68	26.554	0	0
"2013-05-02	03:00:00"	30.44	17.8	7.445	45.13	23.88	15.06	15.61	39.17	42.01	45.47	-3.46	63.43	54.75	26.578	0	0
"2013-05-02	04:00:00"	27.99	22.14	6.946	42.75	22.24	20.86	12.82	38.57	40.33	44.18	-3.854	66.2	56.49	26.594	0	0
"2013-05-02	05:00:00"	25.21	20.35	7.378	36.78	20.17	18.95	13.56	31.42	40.54	44.7	-4.164	58.52	49.17	26.622	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-02	06:00:00"	25.11	16.32	8.64	36.78	19.77	12.96	15.1	31.42	39.64	43.91	-4.266	58.87	48.81	26.643	0
"2013-05-02	07:00:00"	22.89	10.04	10.57	32.61	18.04	4.77	16.32	29.03	38.32	42.66	-4.344	62.15	51.84	26.675	0.02455
"2013-05-02	08:00:00"	24.3	12.56	9.59	35	19.14	7.96	16.53	30.82	37.48	41.79	-4.314	64.02	53.68	26.716	8.9321
"2013-05-02	09:00:00"	25.44	14.32	8.18	35.59	19.96	10.3	17.01	31.42	38.07	42.38	-4.307	59.33	49.37	26.744	53.008
"2013-05-02	10:00:00"	26.37	18.31	8.41	36.19	20.85	15.7	14.36	32.61	38.48	42.93	-4.442	59.07	48.78	26.764	132.42
"2013-05-02	11:00:00"	27.52	16.56	8.88	37.98	21.83	13.41	16.6	33.8	39.85	44.7	-4.855	55.38	45	26.778	313.69
"2013-05-02	12:00:00"	28.61	12.49	10.24	40.36	22.64	8.57	18.46	39.17	41.92	47.14	-5.221	50.32	39.76	26.794	497.02
"2013-05-02	13:00:00"	25.47	16.04	10.32	37.98	20.44	12.79	17.22	31.42	44.51	50.14	-5.627	44.8	35.73	26.802	667.39
"2013-05-02	14:00:00"	25.71	21.76	10.55	37.38	20.85	20.29	16.73	32.01	45.98	51.12	-5.134	41.25	33.96	26.803	646.65
"2013-05-02	15:00:00"	23.27	27.38	12.05	36.78	18.93	26.7	16.6	31.42	48.41	53.45	-5.042	37.51	31.28	26.797	842.18
"2013-05-02	16:00:00"	22.69	24.23	11.22	33.21	18.45	23.08	15.75	29.03	50.21	55.99	-5.778	34.39	27.91	26.781	850.96
"2013-05-02	17:00:00"	22.34	22.88	12.09	36.19	18.1	21.43	17.23	30.82	51.62	56.58	-4.965	31.67	26.17	26.762	704.17
"2013-05-02	18:00:00"	21.39	28.86	12.13	33.8	17.4	27.86	16.26	30.22	52.08	56.1	-4.019	30.16	25.5	26.755	531.44
"2013-05-02	19:00:00"	21.71	30.27	9.84	31.42	17.68	30.36	12.9	26.65	51.91	56.25	-4.339	29.68	24.8	26.753	348.84
"2013-05-02	20:00:00"	19.47	36.04	9.33	29.63	15.79	36.81	11.57	27.24	49.86	52.39	-2.528	31.73	28.05	26.759	154.42
"2013-05-02	21:00:00"	15.44	40.28	9.18	27.24	12.4	40.23	11.14	23.66	47.55	48.6	-1.047	34.35	31.85	26.768	15.952
"2013-05-02	22:00:00"	12.14	45.27	8.04	18.3	9.42	45.35	9.41	15.31	45.23	45.68	-0.449	36.55	34.6	26.784	0
"2013-05-02	23:00:00"	9.79	38.58	8.44	16.51	6.531	38.15	9.82	14.12	43.06	43.43	-0.367	38.7	36.87	26.791	0
"2013-05-03	00:00:00"	7.637	36.27	7.101	11.14	3.602	33.8	9.6	9.35	40.69	40.19	0.502	41.75	40.53	26.791	0
"2013-05-03	01:00:00"	6.844	30.71	10.01	11.74	2.053	22.24	16.49	8.16	38.74	37.89	0.854	44.19	43.29	26.785	0
"2013-05-03	02:00:00"	7.86	5.814	13.09	9.95	1	353.9	12.15	1.596	37.54	32.67	4.867	46.22	50	26.776	0
"2013-05-03	03:00:00"	8.93	343.7	7.3	10.54	1.05	338.1	6.994	4.578	38.1	33.18	4.923	44.2	49.59	26.762	0
"2013-05-03	04:00:00"	9.98	327	3.522	11.74	2.077	327.6	7.786	6.368	36.55	33.54	3.009	45.69	48.68	26.75	0
"2013-05-03	05:00:00"	8.43	337.5	3.882	9.95	1	345.8	7.258	1	35.85	32.08	3.772	44.15	48.53	26.743	0.00019
"2013-05-03	06:00:00"	7.612	349.8	7.083	9.35	1	358.3	9.54	1	37.99	30.1	7.884	40.04	49.64	26.729	0
"2013-05-03	07:00:00"	7.179	341.1	6.007	9.35	1	343.7	6.361	1	38.92	30.35	8.56	37.78	49.3	26.724	0.33975
"2013-05-03	08:00:00"	6.666	336	2.86	9.35	1	343.2	5.617	1	37.1	32.29	4.813	40.03	47.01	26.729	61.954
"2013-05-03	09:00:00"	3.797	281.3	25.41	8.16	1.734	278.8	25.92	5.771	40.65	41.85	-1.194	36.84	35.02	26.739	242.2
"2013-05-03	10:00:00"	7.029	251.9	11.64	12.33	4.402	253.1	15.38	9.95	43.12	45.58	-2.46	33.73	30.5	26.731	368.68
"2013-05-03	11:00:00"	7.623	262.2	23.53	14.12	2.33	264.9	26.7	9.95	46.02	49.3	-3.281	28.62	25.02	26.711	615
"2013-05-03	12:00:00"	7.182	266.4	37.5	14.72	5.178	266.9	39.21	12.33	49.7	52.59	-2.887	23.28	20.07	26.683	828.94
"2013-05-03	13:00:00"	7.019	274.4	48.01	17.7	5.421	274.8	48.8	14.72	52.5	55.83	-3.333	20.3	17.05	26.653	939.13
"2013-05-03	14:00:00"	7.259	238.6	39.6	16.51	5.643	240.1	45.55	16.51	54.85	58.51	-3.656	19.78	16.3	26.611	990.05
"2013-05-03	15:00:00"	8.02	222.3	31.55	17.7	6.529	223	36.94	14.12	57.2	60.57	-3.379	18.78	15.52	26.57	956.42
"2013-05-03	16:00:00"	7.584	224	31.05	16.51	6.225	222.2	35.62	16.51	59.38	63.59	-4.202	16.98	13.62	26.527	906.79
"2013-05-03	17:00:00"	8.22	212.2	29.78	16.51	6.809	207.5	35.09	14.72	61.36	64.83	-3.47	15.5	12.42	26.482	773.81
"2013-05-03	18:00:00"	7.436	242.5	42.06	16.51	5.786	243.2	47.36	15.91	62.8	65.34	-2.548	14.98	12.3	26.449	592.43
"2013-05-03	19:00:00"	7.85	235.7	24.58	16.51	6.123	238.2	28.58	12.93	63.5	65.56	-2.063	14.12	11.67	26.428	387.5
"2013-05-03	20:00:00"	8.65	221.5	22.61	14.12	7.031	220.4	26.35	14.12	63.36	64.65	-1.286	14.38	12.19	26.416	182.76
"2013-05-03	21:00:00"	8.13	196.4	16.7	15.31	6.178	194.9	18.79	13.52	61.46	61.76	-0.299	15.44	13.6	26.419	20.409
"2013-05-03	22:00:00"	7.758	163.5	8.96	11.14	5.822	157.1	10.03	9.35	58.28	57.93	0.354	17.06	15.56	26.423	0
"2013-05-03	23:00:00"	9.12	161.6	8.65	14.12	6.849	156.5	8.96	11.14	56.53	56.04	0.493	18.03	16.68	26.424	0
"2013-05-04	00:00:00"	10.04	168.1	8.72	14.72	7.407	164.8	10.13	11.14	53.79	53.8	-0.009	19.97	18.38	26.415	0
"2013-05-04	01:00:00"	8.61	174.5	6.969	11.74	6.012	170.6	8.91	9.35	51.8	51.26	0.538	21.42	20.11	26.399	0
"2013-05-04	02:00:00"	6.839	188	11.4	11.74	3.715	188.9	14.44	8.16	49.73	49.35	0.389	23.02	21.63	26.39	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-04	03:00:00"	5.698	178.8	8.44	8.75	1	177.1	11.18	1	47.9	47.46	0.445	24.53	23.29	26.374	0
"2013-05-04	04:00:00"	5.329	189	8.32	9.35	1.293	193.8	11.2	5.175	47.74	46.8	0.94	24.58	23.66	26.358	0
"2013-05-04	05:00:00"	6.511	195	10.66	9.95	1.423	198.4	13.63	6.368	48.1	47.22	0.883	23.94	23.1	26.357	0
"2013-05-04	06:00:00"	7.03	178.7	10.96	9.95	1.553	176.8	13.66	5.771	48.09	47	1.083	23.9	23.22	26.359	0
"2013-05-04	07:00:00"	6.085	172.5	8.54	9.35	1.721	169.9	11.21	5.771	47.27	46.36	0.911	24.71	23.87	26.352	0.40501
"2013-05-04	08:00:00"	5.535	166.3	12.69	7.561	1	161.5	15.93	1	46.69	46.07	0.622	25.54	24.55	26.361	66.151
"2013-05-04	09:00:00"	6.855	169.9	10.78	11.14	4.388	167.9	11.55	8.75	49.63	50.32	-0.697	23.83	22.09	26.378	253.87
"2013-05-04	10:00:00"	6.519	177	12.79	9.95	4.886	174.1	15.69	8.75	55.07	56.5	-1.429	19.78	17.59	26.384	453.5
"2013-05-04	11:00:00"	4.754	141.2	23.13	9.95	2.497	138.5	27.68	8.75	60.13	61.47	-1.341	16.92	14.82	26.387	669.98
"2013-05-04	12:00:00"	7.683	116.1	25.06	17.1	6.196	116.9	27.98	15.31	64.95	66.81	-1.863	14.48	12.23	26.381	795.18
"2013-05-04	13:00:00"	9.57	135.6	25.43	17.7	7.802	136.9	27.06	16.51	67.72	70.54	-2.822	12.17	9.71	26.371	714.14
"2013-05-04	14:00:00"	9.34	151.1	26.77	20.09	7.631	151.3	29.88	15.91	68.96	71.9	-2.937	11.19	8.71	26.354	805.72
"2013-05-04	15:00:00"	10.34	161.1	30.18	18.89	8.46	161.1	32.52	15.91	69.82	73.14	-3.318	10.82	8.22	26.345	681.62
"2013-05-04	16:00:00"	10.75	163.9	19.27	18.3	8.77	161.3	20.89	17.1	69.94	73.1	-3.156	10.81	8.24	26.336	684.75
"2013-05-04	17:00:00"	7.315	182.1	39.48	15.91	5.695	181.3	42.58	13.52	71.07	73.67	-2.6	9.5	7.172	26.325	739.46
"2013-05-04	18:00:00"	7.882	146.2	37.71	18.89	6.408	145.4	45	16.51	71.76	74.52	-2.76	9.24	6.859	26.312	587.22
"2013-05-04	19:00:00"	6.786	115.8	34.15	18.3	5.317	115.8	37.07	14.12	71.95	73.69	-1.74	9.13	7.025	26.309	356.45
"2013-05-04	20:00:00"	6.114	118.9	15.06	14.12	4.05	119.5	17.02	11.14	71.77	72.57	-0.8	9.17	7.3	26.313	141.37
"2013-05-04	21:00:00"	6.936	93.1	11.09	9.35	3.98	89.9	13.38	7.561	69.43	68.52	0.915	9.99	8.61	26.335	20.524
"2013-05-04	22:00:00"	8.71	84.7	3.94	9.95	2.51	77.66	6.852	5.771	64.73	62.01	2.717	12.33	11.58	26.354	0
"2013-05-04	23:00:00"	9.43	75.71	6.164	12.93	3.758	71.4	8.7	9.35	60.96	59.11	1.852	14.55	13.57	26.376	0
"2013-05-05	00:00:00"	10.05	82.1	6.548	12.93	5.877	80.1	8.61	9.95	58.43	57.79	0.634	17.61	16.28	26.391	0
"2013-05-05	01:00:00"	10.08	80.9	8.27	14.72	2.935	77.05	9.46	10.54	55.38	54.9	0.48	19.76	18.41	26.402	0
"2013-05-05	02:00:00"	12.43	84.9	7.785	18.3	8.52	83.6	9.37	14.12	55.65	55.45	0.2	21.76	20.39	26.424	0
"2013-05-05	03:00:00"	11.04	76.79	6.035	15.31	7.26	74.3	8.12	11.74	52.34	53.13	-0.791	24.84	22.88	26.43	0
"2013-05-05	04:00:00"	10.81	67.83	8.08	15.31	7.535	67.13	10.04	11.14	49.92	51.05	-1.128	27.43	25.34	26.431	0
"2013-05-05	05:00:00"	11.06	55.7	7.253	15.91	7.601	56.57	9.38	11.74	46.96	47.36	-0.404	30	28.3	26.439	0
"2013-05-05	06:00:00"	12.27	51.24	8.02	16.51	8.96	52.92	10.46	13.52	46.64	46.53	0.11	29.23	27.95	26.45	0
"2013-05-05	07:00:00"	12.29	53.03	8.06	17.1	8.91	54.61	10.06	14.72	45.58	46.01	-0.426	29.25	27.73	26.465	0.4213
"2013-05-05	08:00:00"	11.58	51.08	9	17.1	8.8	52	10.62	15.31	45.35	46.34	-0.985	28.61	26.76	26.497	78.817
"2013-05-05	09:00:00"	13.22	66.86	9.27	19.49	10.56	67.3	10.86	17.1	49.51	51.02	-1.51	23.77	21.56	26.522	270.04
"2013-05-05	10:00:00"	14.05	73.95	11.48	20.68	11.13	73.58	13.04	16.51	52.88	55.46	-2.577	22.45	19.46	26.535	456.09
"2013-05-05	11:00:00"	15.12	85.5	11.23	21.28	12.26	84.6	13.34	17.7	56.68	59.84	-3.162	22.8	19.39	26.539	650.63
"2013-05-05	12:00:00"	13.64	89.4	12.13	20.68	11.16	89.4	13.88	18.3	59.51	62.13	-2.625	24.35	21.01	26.542	637.14
"2013-05-05	13:00:00"	10.36	98.2	19.83	21.28	8.63	98	21.53	21.87	61.85	64.57	-2.715	23.75	20.44	26.538	728.12
"2013-05-05	14:00:00"	7.99	113.2	36.2	19.49	6.636	111.9	38	17.1	63.93	67.05	-3.114	22.13	18.74	26.515	861.38
"2013-05-05	15:00:00"	7.001	135.6	45.76	17.1	5.957	139.7	48.28	15.31	66.4	69.3	-2.9	20.27	17.19	26.49	935.79
"2013-05-05	16:00:00"	8.23	122.5	35.66	15.91	6.853	121.9	36.91	12.93	68.44	71.37	-2.931	19.39	16.28	26.465	884.96
"2013-05-05	17:00:00"	8.06	131.7	31.18	15.31	5.473	130.8	32.47	15.91	70.03	72.83	-2.803	18.29	15.31	26.435	749.86
"2013-05-05	18:00:00"	8.39	133.9	28.84	17.1	5.411	134.9	29.78	14.72	71.34	73.89	-2.544	17.23	14.41	26.419	557.21
"2013-05-05	19:00:00"	10.13	121.4	20.18	20.09	7.996	121.3	21.49	20.09	71.81	74.06	-2.246	16.58	13.93	26.406	373.13
"2013-05-05	20:00:00"	11.19	129.1	13.5	18.3	7.304	129.7	13.57	16.51	71.51	72.93	-1.423	16.53	14.21	26.4	175.6
"2013-05-05	21:00:00"	10.35	116.5	7.636	16.51	7.443	116.7	10.21	14.12	69.14	69.48	-0.331	17.73	15.84	26.403	18.981
"2013-05-05	22:00:00"	8.87	105.3	6.855	11.14	5.248	99.1	10.05	7.561	64.54	63.3	1.232	20.28	19.01	26.418	0
"2013-05-05	23:00:00"	9.61	99	4.153	11.14	5.363	92.1	6.499	6.964	61.43	59.69	1.737	22.61	21.76	26.427	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-05-06	00:00:00"	9.51	91.5	5.258	11.14	5.251	84.6	7.789	8.16	58.39	56.84	1.545	24.83	24.02	26.431		0	0	
"2013-05-06	01:00:00"	9.19	87.4	6.255	11.74	5.474	80.6	9.02	7.561	56.17	55.24	0.925	26.31	25.32	26.43		0	0	
"2013-05-06	02:00:00"	9.24	91.7	4.911	11.14	5.634	87.1	7.142	8.16	54.89	54.12	0.769	27.19	26.16	26.425		0	0	
"2013-05-06	03:00:00"	10.02	93.2	5.607	12.33	6.713	90.1	7.114	9.35	54.04	53.71	0.33	28.75	27.37	26.407		0	0	
"2013-05-06	04:00:00"	11.18	99.5	7.046	14.12	8.35	97.5	8.04	12.33	55.36	55.35	0.014	31.42	29.87	26.396		0	0	
"2013-05-06	05:00:00"	12.46	114.1	10.51	17.7	9.68	114.2	12.83	15.31	57.56	58.17	-0.611	33.98	32.14	26.402		0	0	
"2013-05-06	06:00:00"	14.43	112.2	8.94	25.45	11.25	112.8	11.18	20.68	57.81	58.12	-0.308	36.65	34.86	26.399		0	0	
"2013-05-06	07:00:00"	13.76	106.6	9.77	20.68	10.71	106.1	11.24	17.1	58.26	58.93	-0.671	38.27	36.44	26.387	0.14043		0	
"2013-05-06	08:00:00"	11.03	92	15.77	17.1	8.52	92.3	16.76	14.72	57.64	58.55	-0.905	40.08	37.77	26.398	13.845		0	
"2013-05-06	09:00:00"	8.22	99.7	24.6	12.93	6.316	100	25.29	11.14	57.43	58.66	-1.234	41.46	38.67	26.413	95.1		0	
"2013-05-06	10:00:00"	12.54	133.1	10.24	23.66	9.87	134.5	10.93	20.68	59.91	61.31	-1.396	38.68	36.2	26.43	102.52		0	
"2013-05-06	11:00:00"	10.85	143.4	15.36	16.51	8.64	143.2	15.51	15.31	59.77	60.86	-1.086	40.07	37.89	26.445	118.42		0	
"2013-05-06	12:00:00"	4.886	156	20.36	11.74	2.912	153.7	20.34	9.35	57.65	58.33	-0.687	51.42	51.96	26.467	156.6	0.02		
"2013-05-06	13:00:00"	10.75	118.2	10.96	17.1	8.09	118.3	13.43	14.72	60.01	60.7	-0.686	47.86	49.48	26.436	210.95		0	
"2013-05-06	14:00:00"	13.01	116.6	12.2	18.3	10.47	117.8	13.87	16.51	63.4	65.29	-1.888	43.16	41.51	26.412	737.53		0	
"2013-05-06	15:00:00"	15.12	132.3	14.97	24.26	12.3	133.1	15.2	21.28	68.19	71.18	-2.992	38.34	34.78	26.389	878.42		0	
"2013-05-06	16:00:00"	14.47	131.3	17.7	24.86	11.82	132.2	18.47	21.28	69.78	72.6	-2.819	39.38	35.33	26.374	845.82		0	
"2013-05-06	17:00:00"	16.02	123.1	14.86	27.84	12.93	123.2	16.56	24.86	72.32	74.9	-2.58	37.06	33.27	26.337	766.05		0	
"2013-05-06	18:00:00"	16.29	138.7	15.78	26.65	13.08	138.3	15.7	23.07	73.71	76.24	-2.535	34.53	30.85	26.314	566.35		0	
"2013-05-06	19:00:00"	18.75	133.6	11.21	27.24	14.94	134.2	12.03	21.87	74.06	76.78	-2.724	34.33	30.68	26.308	379.91		0	
"2013-05-06	20:00:00"	19.17	118	8.81	26.65	14.91	119.3	11.07	21.87	72.86	73.84	-0.985	35.83	33.41	26.304	158.75		0	
"2013-05-06	21:00:00"	17.7	112.9	7.433	26.65	13.8	114.2	10.09	22.47	69.3	69.96	-0.667	39.54	37.36	26.312	18.148		0	
"2013-05-06	22:00:00"	15.96	120.2	9.28	25.45	12.12	121.5	11.05	21.87	66.07	66.24	-0.163	43.26	41.35	26.33	0		0	
"2013-05-06	23:00:00"	16.51	129.9	6.954	26.05	12.65	130.6	8.46	22.47	63.72	64.29	-0.563	46.89	44.68	26.352	0		0	
"2013-05-07	00:00:00"	13.93	127.2	7.136	20.68	10.48	128.8	8.98	17.7	60.74	61.37	-0.638	51.55	49.2	26.369	0		0	
"2013-05-07	01:00:00"	11.22	119.2	10.29	16.51	8.44	119.7	12.45	13.52	57.99	58.8	-0.806	56.54	53.95	26.371	0		0	
"2013-05-07	02:00:00"	9.86	95.6	16.83	14.12	7.262	94.5	18.21	11.74	55.55	55.64	-0.09	60.97	59.17	26.375	0		0	
"2013-05-07	03:00:00"	10.93	83.3	10.32	14.72	7.792	83.1	11.83	11.74	52.98	53.3	-0.319	65.15	63.24	26.369	0		0	
"2013-05-07	04:00:00"	10.34	73.84	12.16	14.72	7.455	73.33	12.94	11.74	50.36	50.79	-0.431	69.48	67.1	26.359	0		0	
"2013-05-07	05:00:00"	9.93	83.5	7.586	13.52	6.905	80.6	9.96	9.95	48.59	49.26	-0.664	75.57	72.7	26.353	0		0	
"2013-05-07	06:00:00"	8.19	73.36	14.45	11.74	5.096	66.78	16.52	8.75	47.56	47.64	-0.075	77.3	75.56	26.35	0		0	
"2013-05-07	07:00:00"	7.589	86.2	7.793	9.35	2.834	72.57	10.68	6.368	47.87	46.96	0.913	76.48	76.17	26.353	0.48404		0	
"2013-05-07	08:00:00"	7.149	87.8	12.15	9.95	2.483	77.88	16.31	8.16	47.94	47.38	0.556	76.48	76.42	26.359	66.249		0	
"2013-05-07	09:00:00"	8.38	154.4	29.34	14.12	6.373	153.7	29.03	11.14	53.98	54.51	-0.529	66.29	64.51	26.373	249.32		0	
"2013-05-07	10:00:00"	10.59	182.5	14.16	17.1	8.32	181.2	17.08	13.52	59.55	61.09	-1.545	58.26	54.38	26.376	450.4		0	
"2013-05-07	11:00:00"	8.16	192	18.02	14.12	4.07	190.7	20.77	11.74	64.74	66.46	-1.718	48.94	44.99	26.368	645.28		0	
"2013-05-07	12:00:00"	6.518	209.1	27.54	13.52	5.068	208.4	32.63	11.74	69.84	71.94	-2.1	38.72	35.25	26.365	812.29		0	
"2013-05-07	13:00:00"	5.458	206.7	49.16	10.54	4.362	202	57.19	9.35	73.62	75.54	-1.917	32.29	29.31	26.352	924.15		0	
"2013-05-07	14:00:00"	5.972	208.8	42.6	13.52	4.267	206.6	52.38	12.33	77.86	79.95	-2.09	25.84	22.95	26.327	952.29		0	
"2013-05-07	15:00:00"	8.77	220.1	40.12	18.89	6.411	219.4	42.23	17.7	81	83.2	-2.153	19.4	16.68	26.301	870.12		0	
"2013-05-07	16:00:00"	11.76	199.8	30.04	26.05	9.19	198.2	33.17	20.09	81.7	83.6	-1.894	17.13	14.58	26.28	624		0	
"2013-05-07	17:00:00"	12.32	216	26.78	23.07	9.49	214.9	30.61	21.28	82.5	84	-1.445	15.27	12.99	26.255	419.46		0	
"2013-05-07	18:00:00"	14.61	216.5	17.29	24.86	11.86	214.4	20.25	21.28	83.1	84.6	-1.559	15.28	12.95	26.24	464.32		0	
"2013-05-07	19:00:00"	14.23	228.1	17.79	26.65	11.64	227.3	20.5	23.07	83	84.1	-1.096	15.49	13.33	26.232	349.13		0	
"2013-05-07	20:00:00"	15.29	228.6	14.33	25.45	12.48	228.7	17.22	23.07	82.1	82.7	-0.608	14.5	12.56	26.23	137.68		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-07	21:00:00"	11.29	227.8	12.99	22.47	9.07	224.5	14.96	20.09	80	80.1	-0.027	15.03	13.29	26.237	18.893	0
"2013-05-07	22:00:00"	6.787	253.5	10.11	11.74	3.081	257.1	11.52	9.95	75.33	74.68	0.655	17.13	15.75	26.248	0	0
"2013-05-07	23:00:00"	6.467	236.9	40.98	19.49	1.584	241.8	45.83	15.31	72.15	70.78	1.368	18.89	17.95	26.261	0	0
"2013-05-08	00:00:00"	12.92	170.9	8.08	21.28	8.63	167.8	10.24	18.89	72.86	72.17	0.693	32.92	31.52	26.28	0	0
"2013-05-08	01:00:00"	11.37	167.6	8.06	17.7	8.72	165.2	9.64	14.12	69.56	69.6	-0.041	42.97	41.14	26.283	0	0
"2013-05-08	02:00:00"	11.1	169.8	8.08	17.1	8.61	168.4	10.49	14.12	66.84	67.48	-0.639	54.52	51.98	26.283	0	0
"2013-05-08	03:00:00"	10.99	172.3	7.65	16.51	8.45	170.4	10.28	14.12	65.25	65.59	-0.335	67.55	65.48	26.279	0	0
"2013-05-08	04:00:00"	8.89	175.7	9.2	13.52	6.78	173.5	12.36	11.14	63.2	63.55	-0.358	75.43	73.14	26.276	0	0
"2013-05-08	05:00:00"	9.46	178.2	7.674	13.52	7.204	175.6	10.12	11.14	61.55	61.66	-0.111	81.7	79.93	26.267	0	0
"2013-05-08	06:00:00"	7.966	188.1	10.66	11.74	5.995	189	13.01	9.35	60.07	60.13	-0.062	85.6	83.8	26.273	0	0
"2013-05-08	07:00:00"	7.224	198.4	11.82	11.14	5.535	197.9	12	8.16	58.59	58.71	-0.117	88.6	86.4	26.277	2.3721	0
"2013-05-08	08:00:00"	5.807	205.6	12.02	9.95	4.856	199.5	10.94	7.561	58.24	58.42	-0.18	89.5	87.9	26.294	69.875	0
"2013-05-08	09:00:00"	7.794	212	13.41	12.93	6.418	210.1	16.66	11.74	61.35	61.59	-0.241	86.7	85.9	26.317	155.91	0
"2013-05-08	10:00:00"	9.29	222.2	14.63	14.12	7.604	220.7	17.2	12.93	65.13	65.94	-0.81	73.12	71.07	26.326	286.56	0
"2013-05-08	11:00:00"	11.7	258.3	13.57	18.89	9.38	261.8	15.13	17.1	71.04	71.87	-0.834	39.75	37.7	26.326	360.95	0
"2013-05-08	12:00:00"	16.65	273.8	9.35	24.26	12.6	275.3	11.56	20.09	75.02	77.22	-2.207	20.93	18.43	26.323	629.81	0
"2013-05-08	13:00:00"	14.89	268.4	16.93	22.47	11.34	269.6	19.39	20.09	77.43	80.3	-2.918	11.1	8.87	26.317	850.54	0
"2013-05-08	14:00:00"	15.26	257	16.49	29.03	12.14	259.1	19.16	24.26	79.13	82.4	-3.239	10.48	8.03	26.304	920.99	0
"2013-05-08	15:00:00"	16.86	262.2	17.46	26.65	13.32	264.1	19.78	24.26	80.9	84.2	-3.342	8.75	6.357	26.288	989.7	0
"2013-05-08	16:00:00"	13.89	246.2	25.99	33.21	11.1	245.8	29.46	25.45	81.7	84.9	-3.21	8.4	6.004	26.272	918.02	0
"2013-05-08	17:00:00"	12.5	237.4	22.59	23.66	10.29	238.3	25.43	22.47	82.6	85.3	-2.758	9.04	6.692	26.241	722.78	0
"2013-05-08	18:00:00"	11.91	244.7	26.79	24.86	9.43	244.9	29.38	20.68	83.4	86	-2.603	7.805	5.558	26.221	607.6	0
"2013-05-08	19:00:00"	13.4	233.6	22.42	24.86	10.83	234.4	26.18	23.66	83.7	85.3	-1.685	6.865	4.809	26.212	395.37	0
"2013-05-08	20:00:00"	14.5	221.1	16.17	24.86	11.72	220.1	19.16	21.87	82.8	83.7	-0.938	7.22	5.269	26.216	165.31	0
"2013-05-08	21:00:00"	14.37	234	13.95	29.03	11.45	234	16.63	21.87	80.1	80.3	-0.219	8.51	6.682	26.235	19.912	0
"2013-05-08	22:00:00"	8.13	256	9.72	15.91	3.538	259.1	11.72	14.12	75.86	75.14	0.719	10.99	9.5	26.259	0	0
"2013-05-08	23:00:00"	5.965	241.3	16.58	8.75	1.217	241.7	22.72	5.771	72.8	71.69	1.105	12.61	11.29	26.275	0	0
"2013-05-09	00:00:00"	4.998	241.8	19.45	6.964	1.106	241.3	25.36	5.771	70.2	69.4	0.805	13.71	12.36	26.286	0	0
"2013-05-09	01:00:00"	9.72	304	14.54	14.12	4.329	309.6	15.51	9.35	70.22	68.43	1.792	14.53	13.68	26.275	0	0
"2013-05-09	02:00:00"	8.94	309.5	6.361	14.72	3.381	311.4	9.16	10.54	69.49	68.66	0.829	15.37	14.2	26.267	0	0
"2013-05-09	03:00:00"	8.65	251.5	79.91	15.31	4.885	247.4	83.1	12.93	69.53	68.98	0.549	15.7	14.37	26.269	0	0
"2013-05-09	04:00:00"	5.712	175.9	30.91	11.74	1.462	173.6	35.31	9.35	70.04	69.44	0.599	14.84	13.57	26.287	0	0
"2013-05-09	05:00:00"	6.992	213.1	44.49	21.28	3.041	213.5	52.9	15.31	70.77	70.01	0.76	14.4	13.14	26.289	0	0
"2013-05-09	06:00:00"	5.083	266.6	33.84	9.95	1.005	278.5	39.28	2.789	70.53	68.89	1.641	15.51	14.94	26.285	0	0
"2013-05-09	07:00:00"	7.689	250.5	26.55	23.66	3.176	250.7	28.56	13.52	70.03	68.85	1.182	16.06	15.06	26.302	0.32167	0
"2013-05-09	08:00:00"	8.01	242.2	22.64	15.31	3.783	243.5	26.52	11.74	70.07	69.35	0.715	17.39	16.11	26.315	23.048	0
"2013-05-09	09:00:00"	11.13	225.1	14.83	19.49	8.75	222.8	17.13	15.91	72.31	72.3	0.008	19.5	17.88	26.313	129.42	0
"2013-05-09	10:00:00"	12.68	198.7	11.13	19.49	9.89	197	12.74	15.91	74.05	74.6	-0.552	18.76	16.92	26.313	269.04	0
"2013-05-09	11:00:00"	11.02	217.7	23.16	18.89	8.66	216.8	26.46	17.1	76.26	77.86	-1.599	17.84	15.53	26.315	507.51	0
"2013-05-09	12:00:00"	9.2	241.7	23.45	18.89	6.901	244.3	27.52	15.91	77.57	80.4	-2.777	14.95	12.35	26.311	809.77	0
"2013-05-09	13:00:00"	10.44	277.6	30.95	23.66	7.59	278.6	33.21	18.3	78.49	82	-3.501	13.63	10.89	26.304	949.83	0
"2013-05-09	14:00:00"	10.78	301.3	45.16	22.47	7.9	301.6	46.22	20.09	79.48	83.9	-4.384	11.72	8.88	26.295	987.75	0
"2013-05-09	15:00:00"	13.59	266.9	23.1	29.03	9.88	268.2	28.91	21.28	80.1	84.2	-4.07	11.73	8.91	26.285	966.5	0
"2013-05-09	16:00:00"	14.26	266.2	25.12	26.05	10.77	267.9	26.85	21.87	80.6	85.3	-4.642	11.82	8.84	26.27	915.43	0
"2013-05-09	17:00:00"	15.48	271.3	22.99	29.03	11.7	273.2	24.14	24.86	81.3	85.2	-3.903	12.07	9.25	26.256	761.27	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-09	18:00:00"	12.09	264.7	23.44	25.45	9.13	266.8	24.63	18.89	81.5	84.9	-3.406	11.91	9.22	26.248	607.57	0	
"2013-05-09	19:00:00"	10.68	262.1	21.9	21.28	7.807	262.8	24.22	18.3	81.4	83.6	-2.214	12.29	9.91	26.244	379.33	0	
"2013-05-09	20:00:00"	7.79	282	29.69	19.49	5.48	282.6	29.01	17.1	80.7	82	-1.269	12.9	10.82	26.246	160.89	0	
"2013-05-09	21:00:00"	7.227	303.9	8.36	11.74	3.763	313.8	15.05	7.561	78.26	77.16	1.097	14	12.8	26.258	16.274	0	
"2013-05-09	22:00:00"	7.101	327.8	29.32	9.35	3.745	334.3	17.81	5.175	77.81	70.48	7.338	14.08	15.45	26.278	0	0	
"2013-05-09	23:00:00"	8.5	24.82	10.79	11.74	4.023	11.84	11.57	6.964	72.27	66.03	6.241	16.72	17.93	26.297	0	0	
"2013-05-10	00:00:00"	10.34	27.81	23.67	20.68	5.985	22.02	28.51	16.51	67.4	62.49	4.907	22.52	23.36	26.305	0	0	
"2013-05-10	01:00:00"	14.63	57.47	15.63	24.86	11.25	57.26	16.34	22.47	64.47	65.36	-0.884	53.04	49.59	26.327	0	0	
"2013-05-10	02:00:00"	16.62	56.42	10.11	25.45	12.78	57.3	11.57	19.49	62.74	63.83	-1.084	62.2	59.26	26.361	0	0	
"2013-05-10	03:00:00"	19.53	48.72	10.88	28.43	15.35	49.05	12.29	24.86	60.86	62.39	-1.534	60.34	56.94	26.343	0	0	
"2013-05-10	04:00:00"	21.77	40.27	7.88	31.42	17.62	41.47	9.37	27.84	56.94	59	-2.062	63.59	58.89	26.345	0	0	
"2013-05-10	05:00:00"	21.56	39.59	7.428	31.42	17.53	40.24	9.16	27.84	55.06	57.14	-2.079	69.39	64.53	26.346	0	0	
"2013-05-10	06:00:00"	19.06	43.52	7.328	27.24	15.2	43.84	9.25	23.07	54.09	55.97	-1.881	71.61	67.35	26.353	0	0	
"2013-05-10	07:00:00"	13.68	41.49	10.82	21.28	10.83	41.68	12.56	19.49	53.09	54.8	-1.707	72.27	68.57	26.375	0.40924	0	
"2013-05-10	08:00:00"	10.2	39.21	12.02	15.31	8.27	39.17	14.13	14.12	53.08	54.38	-1.306	71.73	68.62	26.409	55.043	0	
"2013-05-10	09:00:00"	9.98	3.065	23.98	21.28	7.913	358.5	25.27	18.89	55.44	56.2	-0.758	65.45	63.04	26.455	106.03	0	
"2013-05-10	10:00:00"	21.43	4.937	15.39	33.21	16.87	0.572	18.7	29.63	59.15	62.86	-3.717	53.97	48.09	26.48	383.09	0	
"2013-05-10	11:00:00"	27.06	17.49	8.96	36.19	21.31	14.52	15.93	32.61	60.58	65.77	-5.196	49.38	39.98	26.475	459.95	0	
"2013-05-10	12:00:00"	26.65	26.2	8.09	36.19	21.4	25.96	13.31	32.01	61.17	66.22	-5.047	48.88	39.98	26.475	477.97	0	
"2013-05-10	13:00:00"	18.05	40.93	11.16	31.42	14.37	41.66	12.65	27.84	60.61	63.62	-3.002	53.58	49.97	26.474	238.18	0.08	
"2013-05-10	14:00:00"	16.64	56.52	11.01	24.86	13.17	57.93	13.2	23.07	62.36	64.58	-2.218	54.57	53.33	26.46	737.12	0	
"2013-05-10	15:00:00"	11.57	33.19	18.32	20.68	9.64	32.06	22.37	18.3	64.64	68.2	-3.56	44.66	41.01	26.454	783.83	0	
"2013-05-10	16:00:00"	12.39	13.14	23.33	21.87	10.13	10.07	27.2	18.89	66.27	69.07	-2.797	42.49	38.54	26.442	611	0	
"2013-05-10	17:00:00"	14.35	354.8	13.43	24.26	11.23	349.1	14.14	22.47	63.85	65.43	-1.581	51.45	49.16	26.447	90.617	0	
"2013-05-10	18:00:00"	13.98	12.64	15.94	22.47	11.34	8.38	19.81	18.89	65.48	68.87	-3.391	47.52	42.51	26.434	569.92	0	
"2013-05-10	19:00:00"	13.67	29.21	12.88	20.09	11.12	28.11	16.59	17.7	64.8	66.9	-2.099	48.46	44.09	26.433	243.76	0	
"2013-05-10	20:00:00"	11.09	43.36	11.8	16.51	9	42.71	14.22	15.31	63.72	64.53	-0.809	48.67	45.98	26.451	83.697	0	
"2013-05-10	21:00:00"	8.57	35.59	15.49	12.93	6.723	34.48	17.87	11.14	63.4	63.65	-0.251	49.9	48.06	26.487	10.864	0	
"2013-05-10	22:00:00"	6.363	58.59	10.75	10.54	1.308	57.97	12.27	7.561	60.84	60.55	0.289	55.43	54.12	26.503	0	0	
"2013-05-10	23:00:00"	6.621	58.21	7.7	9.35	1	58.27	11.83	1.596	57.94	57.53	0.402	64.85	63.95	26.523	0	0	
"2013-05-11	00:00:00"	6.382	66.84	11.6	9.35	3.407	70.74	15.15	6.368	56.16	55.8	0.356	68.98	68.17	26.531	0	0	
"2013-05-11	01:00:00"	5.004	28.73	28.37	6.964	2.387	7.019	29.95	3.982	55.29	54.06	1.229	71.48	71.58	26.54	0	0	
"2013-05-11	02:00:00"	7.082	19.32	6.774	8.75	3.461	14.76	13.76	6.964	54.12	53.11	1.01	72.05	72.09	26.54	0	0	
"2013-05-11	03:00:00"	8	27.98	8.12	11.14	5.07	24.41	12.76	8.75	54.06	53.54	0.518	72.49	72.05	26.527	0	0	
"2013-05-11	04:00:00"	7.997	20.17	16.86	11.74	5.253	11.86	19.54	8.75	53.4	52.82	0.582	73.35	73.05	26.522	0	0	
"2013-05-11	05:00:00"	7.574	9.81	5.826	8.75	4.473	2.78	10.08	6.368	52.78	51.7	1.075	74.39	75.08	26.534	0	0	
"2013-05-11	06:00:00"	7.551	8.59	2.692	9.35	3.76	0.638	9.84	5.771	52.57	49.85	2.716	76.79	78.14	26.544	0	0	
"2013-05-11	07:00:00"	8.19	8.48	4.503	9.95	4.435	359.9	12.88	7.561	51.48	50.19	1.282	82.4	82.1	26.561	0.53576	0	
"2013-05-11	08:00:00"	7.056	13.8	6.33	10.54	4.973	7.743	12.4	8.75	52.56	52.57	-0.016	81.5	81.4	26.58	69.653	0	
"2013-05-11	09:00:00"	7.713	34.91	13.19	10.54	6.477	34.53	15.41	9.95	56.79	57.97	-1.185	70.38	68.21	26.595	253.93	0	
"2013-05-11	10:00:00"	8.41	78.2	17.81	14.12	6.964	77.94	20.51	12.93	60.74	62.48	-1.736	59.51	55.58	26.603	460.03	0	
"2013-05-11	11:00:00"	8.52	78.27	24.44	15.31	6.453	76.77	26.22	13.52	63.15	65.55	-2.406	48.73	44.01	26.601	603.74	0	
"2013-05-11	12:00:00"	10.75	84.3	20.92	21.28	8.88	85	23.76	18.3	65.59	68.48	-2.886	40.56	36.19	26.602	867.43	0	
"2013-05-11	13:00:00"	11.23	71.77	24.16	21.87	9.25	72.03	26.09	18.3	67.63	71.04	-3.41	36.97	32.43	26.596	918.71	0	
"2013-05-11	14:00:00"	11.51	56.6	21.66	23.07	9.36	56.71	23.27	20.68	69.07	72.56	-3.489	34.51	30.07	26.586	778.22	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-11	15:00:00"	12.16	60.02	24.77	21.28	10.09	59.94	26.64	20.68	70.21	73.86	-3.652	32.12	27.73	26.574	802.73	0
"2013-05-11	16:00:00"	12.39	58.49	23.49	23.66	9.89	58.34	25.06	20.68	71.25	75.01	-3.752	30.12	25.77	26.558	686.17	0
"2013-05-11	17:00:00"	11.9	58.74	23.11	23.07	9.66	59.48	25.45	22.47	72.07	74.97	-2.9	28.77	25.09	26.538	541.14	0
"2013-05-11	18:00:00"	14	44.86	19.57	31.42	11.46	44.07	22.04	25.45	71.67	74.14	-2.467	30.92	28.24	26.531	483.68	0
"2013-05-11	19:00:00"	19.72	45.16	15.38	40.36	15.8	46.36	17.17	33.8	67.21	70.61	-3.403	38.92	33.64	26.553	179.98	0
"2013-05-11	20:00:00"	6.316	67	23.87	21.28	4.917	65.92	26.95	18.89	64.7	65.09	-0.393	44.97	45.38	26.561	90.844	0
"2013-05-11	21:00:00"	6.443	56.81	14.59	11.74	4.614	55.86	18.02	9.95	64.44	64.38	0.063	46.14	44.83	26.572	29.732	0
"2013-05-11	22:00:00"	7.515	17.47	4.526	8.75	3.956	5.981	10.69	5.175	61.99	58.15	3.836	54.02	56.2	26.579	0	0
"2013-05-11	23:00:00"	7.765	22.93	4.158	9.35	4.277	15.21	9.03	6.368	58.74	56.79	1.947	59.04	60.77	26.596	0	0
"2013-05-12	00:00:00"	8.15	16.5	3.098	10.54	4.24	6.928	7.909	6.964	57.79	53.85	3.94	58.52	64.5	26.609	0	0
"2013-05-12	01:00:00"	9.42	21.92	7.371	14.72	6.04	17.25	11.68	10.54	55.77	54.95	0.818	59.27	60.58	26.608	0	0
"2013-05-12	02:00:00"	8.04	21.96	5.888	10.54	4.865	16.53	12.71	7.561	53.56	53.6	-0.037	62.3	61.81	26.607	0	0
"2013-05-12	03:00:00"	9.35	13.87	6.328	11.74	5.697	9.91	12.39	8.75	53.16	53.13	0.03	61.26	61.92	26.602	0	0
"2013-05-12	04:00:00"	9.29	22.25	6.425	11.74	6.243	20.17	11.98	9.35	52.28	54.62	-2.337	64.57	60.29	26.594	0	0
"2013-05-12	05:00:00"	9.71	31.25	11.21	13.52	6.835	29.9	13.46	11.74	51.59	53.38	-1.789	69.41	65.91	26.591	0	0
"2013-05-12	06:00:00"	10.14	46.79	9.14	14.12	7.628	45.97	11.44	12.93	52.46	52.96	-0.492	66.49	65.56	26.587	0	0
"2013-05-12	07:00:00"	9.59	44.06	11.06	12.93	6.92	42.2	13.61	10.54	50.4	50.63	-0.226	71.86	70.23	26.596	0.87537	0
"2013-05-12	08:00:00"	9.63	50.87	8.37	12.93	7.07	51.32	10.63	11.74	50.39	50.3	0.096	77.01	75.73	26.61	73.688	0
"2013-05-12	09:00:00"	10.59	77.95	10.86	14.72	8.41	76.32	12.77	15.31	54.47	55.36	-0.895	73.51	70.82	26.626	262.31	0
"2013-05-12	10:00:00"	9.48	92.6	12.32	12.93	7.646	92	14.66	11.14	60.06	61.6	-1.538	59.24	55.61	26.628	471.74	0
"2013-05-12	11:00:00"	8.25	133.8	22.15	14.72	6.043	133.5	23.4	11.74	66	67.89	-1.883	41.45	38.11	26.62	671.74	0
"2013-05-12	12:00:00"	9.3	164.9	23.36	17.1	6.384	162.4	24.9	14.72	69.17	71.93	-2.761	32.44	28.83	26.619	789.63	0
"2013-05-12	13:00:00"	7.397	160.4	34.75	17.1	4.877	157.8	38.4	14.72	70.06	73.1	-3.042	30.7	26.94	26.611	649.93	0
"2013-05-12	14:00:00"	7.164	139.5	47.27	18.3	5.797	138.4	47.71	17.1	71.57	74.54	-2.971	27.22	23.76	26.591	835.92	0
"2013-05-12	15:00:00"	9.24	172.8	33.97	20.09	7.454	170.2	38.35	16.51	73.4	77.28	-3.874	25.14	21.17	26.572	885.72	0
"2013-05-12	16:00:00"	9.15	174.8	31.29	22.47	7.196	171.9	34.78	19.49	73.87	77.28	-3.401	24.46	20.81	26.551	654.07	0
"2013-05-12	17:00:00"	9.66	181.2	37.85	26.05	7.173	179.4	43.81	21.28	74.79	77.92	-3.128	23.39	19.96	26.53	746.42	0
"2013-05-12	18:00:00"	9.59	148.8	33.78	18.3	7.897	148.8	35.06	17.7	75.06	78.18	-3.119	22.19	18.81	26.514	448.88	0
"2013-05-12	19:00:00"	9.84	187.8	30.89	21.28	7.977	186.5	33.26	18.89	75.42	77.61	-2.187	21.03	18.25	26.496	403.83	0
"2013-05-12	20:00:00"	8.64	175.2	15.08	15.31	6.915	173.5	18.49	12.93	74.85	76.21	-1.359	21.47	19.03	26.493	175.7	0
"2013-05-12	21:00:00"	9.27	173	9.47	17.7	7.12	170.1	11.49	14.12	73.21	73.49	-0.274	23.21	21.39	26.507	26.114	0
"2013-05-12	22:00:00"	8.47	164.6	8.75	12.93	6.23	159.1	10.51	9.95	69.61	69.21	0.391	25.41	24.09	26.527	0	0
"2013-05-12	23:00:00"	10.41	166.2	8.03	15.31	7.856	161.8	9.11	12.93	67.11	67.44	-0.325	27.38	25.9	26.546	0	0
"2013-05-13	01:00:00"	10.66	169.5	8.56	14.72	7.911	166.3	9.94	12.93	62.88	62.99	-0.11	32.35	30.81	26.568	0	0
"2013-05-13	02:00:00"	9.45	180.2	7.749	13.52	5.276	177.2	9.7	11.14	60.13	59.78	0.344	37.98	36.72	26.58	0	0
"2013-05-13	03:00:00"	7.081	191.9	7.979	12.93	1.91	197.3	11.16	9.35	57.96	57.75	0.213	41.87	40.3	26.579	0	0
"2013-05-13	04:00:00"	6.469	196.6	11.44	9.35	1.001	196	10.99	1.596	56.11	55.78	0.336	45.19	43.73	26.573	0	0
"2013-05-13	05:00:00"	6.319	201.9	11.37	9.95	1.003	199.5	11.6	2.789	54.4	54.22	0.184	49.81	48.3	26.575	0	0
"2013-05-13	06:00:00"	7.359	201.9	11.21	11.74	1.018	200.1	11.45	3.982	53.82	53.5	0.319	51.39	50.15	26.573	0	0
"2013-05-13	07:00:00"	6.218	207.1	10.98	9.35	1	203.6	12.12	1.596	52.18	52.02	0.165	54.35	53	26.575	0.95184	0
"2013-05-13	08:00:00"	6.492	244.1	24.79	9.35	1	247.8	28.92	1.596	53.08	53.01	0.076	53.45	52.12	26.589	78.429	0
"2013-05-13	09:00:00"	8.13	226.7	16.94	14.12	3.506	227.1	20.31	11.74	57.94	58.59	-0.646	46.13	43.86	26.604	271.45	0
"2013-05-13	10:00:00"	10.87	213.2	13.76	18.3	8.82	211.9	16.77	15.91	63.13	64.85	-1.71	40.54	37.37	26.616	480.68	0
"2013-05-13	11:00:00"	11.78	201.7	17.03	17.7	9.58	200.3	20.01	15.31	66.79	69.42	-2.632	35.09	31.42	26.613	682.03	0
"2013-05-13	12:00:00"	9.72	198.6	21.35	17.7	7.704	197.5	25.3	15.91	69.1	72.29	-3.19	30.19	26.35	26.611	847.27	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-13	13:00:00"	8.11	199.2	35.33	17.1	6.167	198.3	37.2	15.31	71.87	74.73	-2.856	25.26	21.9	26.601	953.01	0	
"2013-05-13	14:00:00"	9.92	158.8	29.14	19.49	8.14	157.6	30.24	17.1	74.34	77.66	-3.322	19.65	16.43	26.58	1001	0	
"2013-05-13	15:00:00"	11.74	158.4	26.43	21.87	9.67	157.4	30.64	20.68	76.4	80.3	-3.923	17.85	14.5	26.559	970.92	0	
"2013-05-13	16:00:00"	13.72	152.5	27.22	26.65	11.16	151.8	28.16	24.26	78.51	82.5	-4.031	15.08	11.92	26.536	927.81	0	
"2013-05-13	17:00:00"	13.91	157.8	19.27	29.03	11.42	156	20.26	24.86	79.25	82.7	-3.5	15.19	12.16	26.515	801.05	0	
"2013-05-13	18:00:00"	12.22	160.5	18.49	21.87	9.99	160.2	19.17	20.09	79.55	82.6	-3.091	15.44	12.54	26.494	621.3	0	
"2013-05-13	19:00:00"	11.19	150.5	22.32	20.09	8.55	149.4	22.72	15.91	79.42	81.9	-2.461	18.07	15.25	26.485	409.69	0	
"2013-05-13	20:00:00"	10.36	152.7	16.78	18.3	7.14	152.3	17.4	16.51	78.48	80	-1.53	23.08	20.46	26.478	195.23	0	
"2013-05-13	21:00:00"	9.94	154	10.54	17.1	7.147	152.1	10.73	14.72	76.81	77.24	-0.424	26.4	24.43	26.485	28.739	0	
"2013-05-13	22:00:00"	8.07	146.5	7.959	11.74	1.37	144.6	7.67	8.75	73.1	72.82	0.281	29.23	27.71	26.501	0	0	
"2013-05-13	23:00:00"	9.61	158.3	10.06	16.51	6.976	155.5	10.25	12.33	70.84	70.64	0.2	33.12	31.68	26.515	0	0	
"2013-05-14	00:00:00"	8.96	162	9.19	14.72	5.374	160.1	9.37	11.74	68.42	68.27	0.152	36.98	35.56	26.523	0	0	
"2013-05-14	01:00:00"	12.57	170.1	7.112	18.3	9.51	167.7	9.56	14.72	67.52	67.36	0.161	41.58	40.11	26.523	0	0	
"2013-05-14	02:00:00"	12.8	171.6	6.847	17.7	9.75	169.6	9.19	13.52	66.53	66.39	0.139	46.59	45.06	26.519	0	0	
"2013-05-14	03:00:00"	8.73	167.8	9.12	14.72	6.47	165.9	10.85	12.33	64.47	64.3	0.171	50.97	49.49	26.508	0	0	
"2013-05-14	04:00:00"	6.187	159.4	10.19	9.95	1.55	155.7	10.94	6.368	62.03	61.74	0.295	54.83	53.57	26.499	0	0	
"2013-05-14	05:00:00"	6.638	153.8	9.03	10.54	1.02	148.3	9.43	5.175	60.65	60.2	0.457	57.62	56.52	26.491	0	0	
"2013-05-14	06:00:00"	7.701	159.5	9.46	12.33	5.04	155.4	9.95	9.35	59.97	59.59	0.378	60.02	59.12	26.483	0	0	
"2013-05-14	07:00:00"	8.76	164.5	10.7	12.93	6.69	162.6	11.72	11.14	58.92	58.71	0.218	62.71	61.63	26.477	1.1718	0	
"2013-05-14	08:00:00"	7.912	172.8	12.02	12.33	5.749	171.6	13.43	9.35	58.42	58.61	-0.19	64.63	63.03	26.479	77.349	0	
"2013-05-14	09:00:00"	11.52	181.5	8.59	17.7	8.56	179.2	11.43	15.31	61.96	63.01	-1.054	59.57	56.72	26.484	269.52	0	
"2013-05-14	10:00:00"	12.31	179.9	8.7	18.89	8.11	177.7	11.88	15.31	67.31	69.17	-1.862	50.93	46.76	26.481	475.83	0	
"2013-05-14	11:00:00"	11.01	195.5	16.98	17.1	8.74	195.5	20.27	15.31	71.61	74.08	-2.466	43.51	38.99	26.477	666.76	0	
"2013-05-14	12:00:00"	11.35	222.8	19.78	21.28	7.916	221.8	23.77	18.89	75.14	77.77	-2.629	37.01	33.18	26.469	826.82	0	
"2013-05-14	13:00:00"	10.75	225.8	23.35	20.09	7.6	225.2	28.08	17.7	77.62	80.5	-2.925	32.42	28.6	26.451	896.96	0	
"2013-05-14	14:00:00"	12.48	211.4	24.96	24.26	9.46	210.3	28.21	21.28	79.36	82.2	-2.819	29.52	25.95	26.423	723.38	0	
"2013-05-14	15:00:00"	14.1	204.4	32.08	26.05	11.34	203.4	35.14	22.47	80.5	83.9	-3.363	26.77	23.03	26.395	936.26	0	
"2013-05-14	16:00:00"	14.71	211.6	28.31	38.57	11.83	211	31.65	31.42	81.4	84.4	-3.045	25.88	22.29	26.366	661.69	0	
"2013-05-14	17:00:00"	9.94	312.5	27.8	44.54	6.525	316.2	26.54	36.19	74.41	73.44	0.97	33.82	42.66	26.355	186.81	0.04	
"2013-05-14	18:00:00"	3.836	306.9	59.63	8.75	2.886	306.5	62.6	6.964	78.94	79.93	-0.985	29.59	29.07	26.322	651.26	0	
"2013-05-14	19:00:00"	10.99	195	34.44	30.22	8.8	191.3	35.65	25.45	80.1	81.2	-1.082	27.41	26.04	26.302	356.56	0	
"2013-05-14	20:00:00"	13.66	166.5	14.78	24.26	10.83	164.6	16.63	20.09	76.69	77.57	-0.885	32.25	30.56	26.303	105.01	0	
"2013-05-14	21:00:00"	12.26	191.7	29.55	26.05	8.16	187.2	29.16	22.47	74.11	74.4	-0.292	33.66	32.17	26.311	20.065	0	
"2013-05-14	22:00:00"	16.74	155.8	11.32	26.05	13.38	154.3	11.97	23.66	69.29	69.79	-0.498	43.69	41.69	26.327	0	0	
"2013-05-14	23:00:00"	15.6	174	7.139	24.86	11.91	172.2	9.93	20.68	66.41	67.98	-1.57	51.19	47.8	26.343	0	0	
"2013-05-15	00:00:00"	14.28	176.5	6.046	26.65	10.2	174.9	8.96	22.47	64.66	65.39	-0.731	57.49	55.29	26.345	0	0	
"2013-05-15	01:00:00"	17.54	185.4	9.76	30.22	13.63	184.7	13.16	24.86	64.06	65.41	-1.351	57.07	54.05	26.352	0	0	
"2013-05-15	02:00:00"	15.21	192.3	8.33	24.26	11.74	193.7	12.4	19.49	62.97	64.44	-1.478	60.04	56.57	26.354	0	0	
"2013-05-15	03:00:00"	12.85	191.1	9.53	20.68	8.65	192.4	13.17	18.3	60.87	62.19	-1.318	67.51	64.28	26.342	0	0	
"2013-05-15	04:00:00"	12.99	188.1	8.89	18.89	10.08	188.6	13.09	16.51	59.64	61.1	-1.455	73.24	69.55	26.329	0	0	
"2013-05-15	05:00:00"	11.59	189	9.11	20.09	8.11	190.1	12.58	17.1	58.98	60.03	-1.056	75.96	73.09	26.318	0	0	
"2013-05-15	06:00:00"	14.1	189.2	8.94	20.09	10.82	190.1	13.09	18.89	58.3	59.5	-1.197	77.87	74.83	26.293	0	0	
"2013-05-15	07:00:00"	10.21	199.3	9.95	15.91	7.888	198.8	11.28	12.93	57.18	58.22	-1.043	80.9	77.96	26.296	0.63777	0	
"2013-05-15	08:00:00"	10.41	200.4	9.58	15.31	8.15	198.9	10.6	13.52	57.12	58.67	-1.556	82.2	79.04	26.29	94.841	0	
"2013-05-15	09:00:00"	12.15	193.4	9.17	18.89	9.11	193.3	12.71	15.31	59.86	60.92	-1.064	73.63	71.15	26.293	185.36	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-15	10:00:00"	11.62	201.5	16.16	18.3	9.15	201.2	18.33	14.72	63.65	65.09	-1.439	62.68	59.09	26.29	468.09	0
"2013-05-15	11:00:00"	11.4	242.8	14.56	18.3	9.32	242.6	18.08	16.51	69.77	71.11	-1.343	48.44	45.02	26.296	321.49	0
"2013-05-15	12:00:00"	10.33	237.4	12.43	16.51	8.62	238.1	15.48	14.72	74.19	75.53	-1.34	35.5	33.05	26.286	644.76	0
"2013-05-15	13:00:00"	11.22	253.9	28.28	23.66	8.59	254.3	30.64	21.87	82.3	84.6	-2.276	24.27	21.5	26.263	949.62	0
"2013-05-15	14:00:00"	12.95	260.5	22.83	22.47	9.97	261.4	25.2	19.49	85.7	88.8	-3.121	19.49	16.46	26.238	1006	0
"2013-05-15	15:00:00"	13.91	250.8	28.24	26.05	10.91	253.1	31.09	23.07	86.9	88.7	-1.849	18.37	15.93	26.212	719.33	0
"2013-05-15	16:00:00"	14.94	254.6	16.22	27.24	12.11	255.6	18.69	26.05	88.5	91.1	-2.562	16.07	13.41	26.184	846.9	0
"2013-05-15	17:00:00"	18.49	269.2	15.42	32.61	14.11	271.6	16.55	27.24	88.9	91.7	-2.75	17.6	14.74	26.162	761.06	0
"2013-05-15	18:00:00"	17.42	254.5	19.21	28.43	14.03	255.7	21.67	24.86	88.4	90.8	-2.354	17.11	14.43	26.15	626.61	0
"2013-05-15	19:00:00"	15.64	250.2	13.51	27.84	12.52	252.7	16.37	26.65	88.5	90.2	-1.772	16.63	14.21	26.144	421.86	0
"2013-05-15	20:00:00"	12.06	251.5	13.36	24.86	9.43	252.8	16.06	18.89	87.6	88.2	-0.566	17.85	15.91	26.145	102.72	0
"2013-05-15	21:00:00"	5.139	182.4	42.12	15.31	2.408	177.2	45.57	12.33	85	84.3	0.736	18.95	17.65	26.155	8.9731	0
"2013-05-15	22:00:00"	14.02	97	18.12	28.43	10.78	96.7	20.18	22.47	78.72	78.89	-0.172	26.57	24.76	26.188	0	0
"2013-05-15	23:00:00"	12.36	131	10.78	17.1	9.44	132	11.31	13.52	76.12	75.88	0.237	29.22	27.82	26.207	0	0
"2013-05-16	00:00:00"	7.603	144.7	42.4	15.31	1.591	143.2	44.27	12.33	75.1	74.29	0.809	29.54	28.68	26.228	0	0
"2013-05-16	01:00:00"	7.229	177.9	23.72	13.52	1.37	173.3	31.38	11.14	74.16	73.66	0.495	31.15	29.95	26.216	0	0
"2013-05-16	02:00:00"	5.726	139.1	13.35	9.95	1	135.1	20.72	1	71.51	69.55	1.95	34.13	34.08	26.208	0	0
"2013-05-16	03:00:00"	7.588	197.7	28.58	13.52	1.197	199.4	30.07	9.95	69.58	68.8	0.787	35.61	34.93	26.192	0	0
"2013-05-16	04:00:00"	8.38	237.9	11.04	13.52	1.238	241.4	12.75	8.75	68.88	68.41	0.466	35.29	34.32	26.19	0	0
"2013-05-16	05:00:00"	6.824	278.7	15.82	9.35	1.006	288.4	18.27	2.193	67.69	66.36	1.323	36.96	37.16	26.197	0	0
"2013-05-16	06:00:00"	8.71	290.3	10.26	11.14	1.002	296.6	11.4	2.789	67.03	65.01	2.019	38.21	39.6	26.203	0	0
"2013-05-16	07:00:00"	11.12	302.7	6.43	16.51	4.887	305.7	9.7	9.95	65.38	65.64	-0.253	38.6	38.02	26.217	1.1686	0
"2013-05-16	08:00:00"	12.11	311.6	7.798	17.7	7.095	313.1	9.75	12.93	66.03	65.48	0.547	36.73	36.02	26.227	78.549	0
"2013-05-16	09:00:00"	12.79	318.6	7.923	20.09	9.05	318.8	10.28	16.51	72.32	72.69	-0.369	31.01	29.38	26.238	274.26	0
"2013-05-16	10:00:00"	14.31	337.7	14.73	20.68	11.02	335.2	15.35	18.3	80.1	81.8	-1.699	24.59	22.2	26.242	486.37	0
"2013-05-16	11:00:00"	12.77	343.7	16.03	19.49	10.18	340	15.37	17.1	83.9	86.4	-2.439	21.8	19	26.248	685.23	0
"2013-05-16	12:00:00"	10.72	336.6	19.93	18.89	8.39	333.2	20.88	15.91	87	89.5	-2.561	19.52	16.71	26.251	847.03	0
"2013-05-16	13:00:00"	8.87	297.3	38.06	17.1	6.535	297.6	38.53	13.52	89	91.5	-2.479	17.66	14.96	26.251	954.97	0
"2013-05-16	14:00:00"	10.74	296.7	25.3	21.28	7.764	295	27.24	17.1	90.6	93.3	-2.743	14.36	11.74	26.241	1002.7	0
"2013-05-16	15:00:00"	13.41	266.3	20.97	29.03	10.34	267.2	24.23	26.65	91.8	94.4	-2.562	11.73	9.25	26.223	976.71	0
"2013-05-16	16:00:00"	13.24	267.6	29.08	24.86	9.92	269.7	31.8	21.87	92.8	95.2	-2.405	9.74	7.389	26.205	939.78	0
"2013-05-16	17:00:00"	12.15	267	26.45	26.65	9.27	268	28.86	24.26	93.5	95.6	-2.082	8.88	6.627	26.18	811.29	0
"2013-05-16	18:00:00"	11.29	253	24	22.47	8.96	255.1	27.69	17.7	93.7	95.4	-1.665	8.56	6.379	26.16	631.88	0
"2013-05-16	19:00:00"	12.89	261.4	21.85	24.86	9.91	263.3	23.75	21.28	94.2	95.3	-1.084	7.12	5.098	26.149	430.1	0
"2013-05-16	20:00:00"	11.88	269.2	17.06	18.89	8.78	270.9	18.56	15.91	93.4	93.8	-0.411	6.391	4.49	26.149	212.52	0
"2013-05-16	21:00:00"	7.14	265.2	16.76	17.1	4.708	263	22.76	14.72	91.3	90.2	1.075	6.881	5.314	26.157	32.912	0
"2013-05-16	22:00:00"	5.923	248.3	12.3	9.35	3.716	252.2	16.52	6.368	87	85.2	1.836	8.02	6.83	26.173	0.01484	0
"2013-05-16	23:00:00"	5.536	226.9	19.34	9.95	3.874	219.9	23.04	8.16	80.4	79.46	0.972	9.76	8.39	26.19	0	0
"2013-05-17	00:00:00"	5.549	229.5	15.16	15.91	3.669	221.7	18.83	12.93	77.41	76.47	0.939	11.15	9.73	26.204	0	0
"2013-05-17	01:00:00"	8.28	249.4	8.65	16.51	5.963	251.3	11.43	13.52	76.97	75.8	1.168	12.76	11.54	26.206	0	0
"2013-05-17	02:00:00"	7.236	254.3	7.13	9.95	4.669	257	9.26	7.561	75.29	73.57	1.716	13.59	12.73	26.21	0	0
"2013-05-17	03:00:00"	4.818	239.6	11.77	8.16	2.832	236.3	20.49	6.368	73.23	71.55	1.684	14.21	13.37	26.208	0	0
"2013-05-17	04:00:00"	3.057	257.1	24.24	5.175	1	237	45.9	1	72.69	69.89	2.801	14.15	14.07	26.21	0	0
"2013-05-17	05:00:00"	5.363	252.9	37.42	8.16	1.98	242.2	43.99	7.561	71.92	68.7	3.221	14.44	14.63	26.213	0	0
"2013-05-17	06:00:00"	5.762	215.6	16.36	9.35	2.93	210.6	20.63	6.964	68.75	66.3	2.443	16.18	15.88	26.223	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-17	07:00:00"	6.7	252	14.43	8.75	4.152	253.3	21.67	6.964	71.73	68.73	2.998	14.59	14.47	26.232	1.3521	0	
"2013-05-17	08:00:00"	6.766	284.1	13.95	9.95	3.224	286.8	16.41	7.561	71.36	68.1	3.259	15.26	16.58	26.255	89.377	0	
"2013-05-17	09:00:00"	6.453	283.9	9.53	10.54	4.195	282.4	11.46	9.35	74.71	74.96	-0.254	14.92	13.76	26.273	293.27	0	
"2013-05-17	10:00:00"	11.14	297.7	17.36	20.09	7.354	297.4	19.03	15.91	82.2	83.6	-1.428	11.15	9.33	26.274	508.48	0	
"2013-05-17	11:00:00"	12.75	335.3	15.28	21.28	9.93	332.4	15.35	18.89	86.5	89.2	-2.678	8.88	6.759	26.274	704.81	0	
"2013-05-17	12:00:00"	9.44	346.6	19.02	17.7	7.776	342	19.21	17.1	89.6	93.1	-3.445	7.706	5.457	26.274	868.74	0	
"2013-05-17	13:00:00"	5.892	268.7	71.09	13.52	4.995	267.2	75.4	14.12	92.2	94.8	-2.551	6.911	4.762	26.274	976.88	0	
"2013-05-17	14:00:00"	7.73	208.2	62.26	16.51	6.425	203.1	65.94	15.91	93.5	95.7	-2.241	7.162	4.992	26.26	1007.5	0	
"2013-05-17	15:00:00"	8.1	214.5	60.24	20.09	6.755	218.2	64.79	16.51	94.4	97.8	-3.381	7.678	5.303	26.244	961.63	0	
"2013-05-17	16:00:00"	10.34	226.1	36.71	34.4	8.44	223.3	40.43	32.01	95.5	98.5	-2.98	8.02	5.637	26.223	854.76	0	
"2013-05-17	17:00:00"	11.49	206.7	29.7	24.26	9.44	205.9	33.11	20.09	95.9	98.8	-2.881	8.33	5.932	26.201	721.95	0	
"2013-05-17	18:00:00"	13.43	212.3	28.51	29.03	10.93	211.6	31.83	20.68	96.3	98.6	-2.299	8.2	5.899	26.185	572.29	0	
"2013-05-17	19:00:00"	14.2	196.1	17.04	23.66	11.42	194.8	18.46	20.09	96.1	97.9	-1.796	8.7	6.469	26.178	434.24	0	
"2013-05-17	20:00:00"	15.1	192.6	16.34	24.26	11.9	190.9	18.76	19.49	95.1	95.9	-0.852	9.75	7.696	26.176	178.83	0	
"2013-05-17	21:00:00"	11.39	171.8	10.73	23.07	8.85	168.8	13	18.89	92.9	92.8	0.052	11.6	9.79	26.184	33.975	0	
"2013-05-17	22:00:00"	9.03	153.5	7.85	14.72	6.857	149.4	8.16	12.93	88.7	87.9	0.803	13.38	11.86	26.195	0.0001	0	
"2013-05-17	23:00:00"	10.53	166.8	9.16	19.49	7.881	163.4	10.44	17.7	86	85.5	0.489	14.16	12.72	26.21	0	0	
"2013-05-18	00:00:00"	14.48	198.4	29.66	26.65	11.13	196.9	31.87	21.28	83.8	84.9	-1.052	17.69	15.59	26.235	0	0	
"2013-05-18	01:00:00"	14.03	189.7	10.92	25.45	10.77	188	13.05	20.09	81.9	82.7	-0.778	22.65	20.54	26.238	0	0	
"2013-05-18	02:00:00"	17.87	186	9.09	25.45	14.08	184.7	12.2	23.07	81.4	82.4	-0.951	26.88	24.83	26.237	0	0	
"2013-05-18	03:00:00"	13.44	190.5	8.95	22.47	10.27	190.9	12.39	19.49	79.66	80	-0.343	28.13	26.4	26.239	0	0	
"2013-05-18	04:00:00"	14.03	181.4	13.28	20.68	10.78	179.7	16.19	17.7	78.59	78.98	-0.393	29.17	27.43	26.231	0	0	
"2013-05-18	05:00:00"	11.47	178.6	19.21	17.7	8.77	176.7	20.68	14.72	74.27	74.84	-0.568	36.27	34.28	26.227	0	0	
"2013-05-18	06:00:00"	6.257	196.4	11.29	11.74	4.011	198.1	13.7	8.75	71.32	71.24	0.071	41.19	39.42	26.228	0	0	
"2013-05-18	07:00:00"	7.38	191.9	9.07	9.95	4.003	192.3	12.34	8.16	68.69	68.6	0.091	48.69	46.8	26.233	1.0659	0	
"2013-05-18	08:00:00"	7.335	203.4	11.87	11.74	2.5	203.5	13.4	8.16	66.21	66.71	-0.493	55.36	53.06	26.246	38.694	0	
"2013-05-18	09:00:00"	9.38	199.3	9.63	13.52	4.07	197.6	11.2	11.14	68.9	69.71	-0.81	56.19	53.78	26.252	236.55	0	
"2013-05-18	10:00:00"	8.32	214.5	16.07	12.93	2.884	213.2	19.09	10.54	75.74	77.37	-1.631	34.27	31.67	26.252	430.19	0	
"2013-05-18	11:00:00"	9.07	280	22.53	15.31	6.419	279.8	24.31	15.31	81.1	83.4	-2.328	19.98	17.51	26.251	699.88	0	
"2013-05-18	12:00:00"	9.5	262.5	22.09	18.89	7.417	262.9	23.62	18.89	86.5	89.4	-2.916	9.61	7.331	26.244	864.5	0	
"2013-05-18	13:00:00"	7.389	256.6	43.35	14.12	5.639	256.6	46.21	13.52	89.6	92.9	-3.295	10.12	7.667	26.228	985.47	0	
"2013-05-18	14:00:00"	9.63	232	37.22	18.89	7.738	233.3	39.97	18.3	91.3	94.5	-3.176	9.07	6.639	26.205	968.84	0	
"2013-05-18	15:00:00"	11.38	245.9	28.07	25.45	9.22	245.5	31.8	23.07	92.5	95.7	-3.142	7.667	5.31	26.187	987.92	0	
"2013-05-18	16:00:00"	14.9	251.5	21.41	29.63	11.9	252.6	24.39	24.26	92.4	95.6	-3.209	6.987	4.65	26.178	945.82	0	
"2013-05-18	17:00:00"	15.37	245.7	24.53	29.03	12.34	248.1	27.65	24.86	92.8	95.7	-2.935	6.428	4.159	26.162	821.34	0	
"2013-05-18	18:00:00"	16.66	234.9	24.6	33.8	13.69	234.1	27.06	28.43	92.8	95.1	-2.286	6.254	4.062	26.144	638.2	0	
"2013-05-18	19:00:00"	20.35	243.8	12.37	32.01	16.48	244.6	15.34	29.03	92.2	94	-1.764	6.121	4.014	26.134	430.33	0	
"2013-05-18	20:00:00"	20.77	240.4	14.62	33.8	16.7	240.2	17.35	27.84	91	92	-1.022	6.058	4.071	26.135	210.33	0	
"2013-05-18	21:00:00"	16.2	236.3	11.85	29.03	13.36	236.3	14.34	26.65	88.3	88.6	-0.32	6.716	4.837	26.149	32.724	0	
"2013-05-18	22:00:00"	13.1	241.1	11.61	20.09	10.46	241.5	14.13	18.3	84.6	84.6	-0.048	7.248	5.479	26.166	0.01772	0	
"2013-05-18	23:00:00"	11.26	248.3	8.34	18.3	8.38	249.2	11.37	14.12	81.2	80.8	0.357	8.92	7.275	26.174	0	0	
"2013-05-19	00:00:00"	16.54	270.7	10.84	28.43	11.87	273	12.04	22.47	80.4	79.55	0.859	8.86	7.379	26.183	0	0	
"2013-05-19	01:00:00"	16.97	281.5	7.265	24.26	11.05	284.8	9.62	18.89	80.4	79.87	0.555	8.74	7.236	26.178	0	0	
"2013-05-19	02:00:00"	16.71	277.2	7.117	23.07	11.59	279.6	10.1	19.49	79.57	79.03	0.535	9.97	8.49	26.175	0	0	
"2013-05-19	03:00:00"	18.21	278.4	7.296	25.45	12.59	280.9	10	21.28	78.23	77.55	0.686	9.79	8.35	26.173	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-19	04:00:00"	19.85	276.9	7.256	28.43	13.99	278.1	10.46	24.26	77.94	77.28	0.668	9.5	8.02	26.17	0	0
"2013-05-19	05:00:00"	17.95	274.7	7.712	26.05	13.05	275.1	10.25	21.87	76.99	76.52	0.473	10.15	8.63	26.174	0	0
"2013-05-19	06:00:00"	18.41	273.4	7.722	27.24	13.44	274.1	10.53	21.87	75.77	75.69	0.079	10.93	9.33	26.175	0	0
"2013-05-19	07:00:00"	11.37	266.1	10.17	20.68	8.5	268	11.47	17.1	73.97	73.71	0.255	11.82	10.27	26.185	1.496	0
"2013-05-19	08:00:00"	7.942	302	13.61	17.7	4.817	304	14.67	12.93	67.37	67.79	-0.418	14.57	13.03	26.22	87.35	0
"2013-05-19	09:00:00"	11.07	305.5	8.38	18.3	6.653	306.6	10.66	14.12	70.59	71.81	-1.224	14.88	13.11	26.24	283.78	0
"2013-05-19	10:00:00"	13.5	310.8	12.03	21.87	8.89	310.3	13.78	17.1	75.34	81.8	-6.496	16.28	12.33	26.25	499.93	0
"2013-05-19	11:00:00"	12.65	310.3	18.13	21.87	8.74	309.9	18.93	18.3	77.87	85.8	-7.91	17.48	12.75	26.253	701.96	0
"2013-05-19	12:00:00"	14.33	282.3	23.77	24.26	10.7	283.9	24.74	23.07	80.1	84.1	-4.022	14.96	11.84	26.242	870.05	0
"2013-05-19	13:00:00"	15.85	278.7	22.78	27.24	11.39	280.3	23.9	24.26	81.3	85.6	-4.241	13.19	10.21	26.234	980.04	0
"2013-05-19	14:00:00"	14.95	263.3	21.71	26.65	11.65	264.2	23.05	23.07	82.9	86.7	-3.86	11.5	8.73	26.216	1021.9	0
"2013-05-19	15:00:00"	13.9	251.8	18.47	28.43	11.31	253.6	21.16	23.07	84.1	87.8	-3.701	9.64	7.03	26.193	993.96	0
"2013-05-19	16:00:00"	14.69	255.1	25.13	26.65	11.61	256.3	27.61	24.26	85.8	89.6	-3.744	8.98	6.414	26.171	947.93	0
"2013-05-19	17:00:00"	17.33	247.4	20.44	37.38	14.12	248.4	23.34	26.65	87.2	90.2	-2.938	8.31	5.916	26.146	820.98	0
"2013-05-19	18:00:00"	14.7	249.1	20.98	27.24	11.91	250.7	25.25	22.47	87.8	90.6	-2.777	8.43	6.069	26.126	640.5	0
"2013-05-19	19:00:00"	15.52	243.3	17.44	27.24	12.67	244	20.27	22.47	88.5	90.4	-1.943	8.78	6.568	26.114	429.47	0
"2013-05-19	20:00:00"	16.36	254.4	16.03	28.43	12.81	255.9	18.61	20.68	88.3	89.4	-1.114	8.38	6.363	26.116	213.43	0
"2013-05-19	21:00:00"	11.21	247.4	12.99	27.24	8.61	249	16.69	21.28	86	86.2	-0.186	8.56	6.762	26.136	35.244	0
"2013-05-19	22:00:00"	6.846	226	14.68	11.74	4.783	220.5	17.02	8.75	81.2	80.8	0.448	10.18	8.54	26.155	0.03448	0
"2013-05-19	23:00:00"	5.592	231.5	11.51	8.75	3.863	229.6	15.31	7.561	77.51	76.93	0.585	11.75	10.19	26.173	0	0
"2013-05-20	00:00:00"	5.286	203.6	22.33	8.75	2.546	191.7	24.32	6.368	73.82	72.95	0.866	13.77	12.36	26.186	0	0
"2013-05-20	01:00:00"	4.78	209.4	14.76	7.561	1.098	195.3	14.55	3.982	71.49	70.21	1.282	15.35	14.2	26.18	0	0
"2013-05-20	02:00:00"	4.501	241.1	19.39	7.561	1.397	241.7	29.38	4.578	71.14	69.83	1.31	15.74	14.62	26.176	0	0
"2013-05-20	03:00:00"	5.336	227.6	21.14	8.16	2.11	223.6	26.17	6.368	69.52	68.45	1.07	16.43	15.27	26.171	0	0
"2013-05-20	04:00:00"	8.89	271.6	37.24	23.07	5.123	275.8	39.78	18.89	68.78	66.89	1.89	16.38	15.73	26.171	0	0
"2013-05-20	05:00:00"	7.283	268.9	53.39	11.74	4.208	270.5	59.03	9.95	68.56	66.88	1.673	15.89	15.32	26.178	0	0
"2013-05-20	06:00:00"	5.12	281.4	38.29	8.75	1.593	305.8	54.43	5.771	65.54	62.81	2.728	17.43	17.76	26.19	0	0
"2013-05-20	07:00:00"	8.65	328.1	8.39	13.52	3.012	342.2	18.59	8.16	60.62	56.07	4.54	20.84	22.21	26.195	1.6082	0
"2013-05-20	08:00:00"	11.18	333.3	12.21	17.7	6.496	329.7	14.07	13.52	62.42	63.41	-0.986	21.73	20.55	26.209	93.505	0
"2013-05-20	09:00:00"	14.04	331.8	10.93	21.28	10.62	328.7	12.18	18.89	67.9	72.83	-4.933	20.11	16.55	26.227	297.13	0
"2013-05-20	10:00:00"	16.93	355.2	13.86	23.07	13.36	349.3	14.07	21.87	73.49	79.37	-5.88	19.65	15.61	26.246	511.51	0
"2013-05-20	11:00:00"	13.78	5.939	14.11	21.87	11.12	1.005	18.34	18.89	77.03	84.7	-7.696	17.76	13.21	26.25	710.61	0
"2013-05-20	12:00:00"	8.45	358.8	33.38	19.49	6.926	356	39.67	15.31	79.69	83.4	-3.698	15.64	12.65	26.25	873.59	0
"2013-05-20	13:00:00"	8.12	309.8	42.71	18.3	6.032	308.7	46.47	15.91	81.5	85.1	-3.658	14.42	11.56	26.244	980.23	0
"2013-05-20	14:00:00"	8.53	271.1	37.27	18.89	6.717	270.3	39.74	15.91	83.3	86.9	-3.587	13.09	10.33	26.225	1024.3	0
"2013-05-20	15:00:00"	9.82	269.4	41.88	21.28	7.886	270.8	43.25	18.3	85	89.1	-4.099	11.44	8.64	26.205	992.78	0
"2013-05-20	16:00:00"	13.88	236.8	27.87	29.63	11.31	238.5	32.48	21.87	87.1	90.5	-3.405	9.64	7.075	26.184	952.44	0
"2013-05-20	17:00:00"	14.44	268.3	24.61	24.26	11.05	268.7	26.29	21.87	87.8	91.4	-3.63	9.07	6.526	26.163	823.61	0
"2013-05-20	18:00:00"	14.83	252.3	23.46	29.63	11.92	253.8	25.85	22.47	88.5	91.3	-2.833	9.1	6.69	26.136	645.52	0
"2013-05-20	19:00:00"	12.74	222.5	20.46	23.66	10.25	221.3	23.1	22.47	88.5	90.5	-1.999	9.9	7.636	26.123	428.12	0
"2013-05-20	20:00:00"	12.36	212.9	18.24	23.66	9.89	209.7	20.57	20.68	89.1	90.3	-1.137	8.7	6.68	26.106	214.46	0
"2013-05-20	21:00:00"	12.94	232.9	12.49	24.26	10.47	231.4	15.61	20.09	87.6	88	-0.329	8.27	6.397	26.114	37.019	0
"2013-05-20	22:00:00"	9.04	227.5	12.34	16.51	6.033	219.1	13.12	14.72	83.2	83.2	0.042	10.23	8.48	26.134	0.03783	0
"2013-05-20	23:00:00"	7.326	223.9	13.09	11.14	5.164	218.4	13.37	9.35	78.94	78.59	0.346	11.83	10.23	26.155	0	0
"2013-05-21	00:00:00"	5.461	213.4	12.9	8.16	3.388	201.4	16.34	5.771	76.28	75.26	1.014	12.78	11.48	26.165	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-21	01:00:00"	5.016	212.4	24.65	13.52	2.346	199.3	26.86	8.75	74.94	73.84	1.098	13.18	11.92	26.155	0
"2013-05-21	02:00:00"	7.808	271.9	35.68	12.93	3.128	272.4	45.53	9.35	74.51	72.04	2.469	13.2	12.66	26.156	0
"2013-05-21	03:00:00"	8.14	273.2	51.88	17.1	3.494	276	60.33	12.93	72.85	70.48	2.366	13.67	13.14	26.143	0
"2013-05-21	04:00:00"	16.23	340.8	20.89	26.65	11.73	337.3	18.22	22.47	67.65	67.85	-0.196	14.35	12.97	26.146	0
"2013-05-21	05:00:00"	13.04	345.7	15.82	20.68	9.42	341	14.21	15.91	65.59	67.04	-1.449	15.76	13.73	26.156	0
"2013-05-21	06:00:00"	19.9	356.2	13.5	32.01	15.32	349.7	14.04	27.24	62.96	65.24	-2.282	34.75	31.34	26.186	0
"2013-05-21	07:00:00"	19.39	1.342	13.29	29.63	15.1	354.1	14.28	26.05	62.2	64.8	-2.596	42.05	37.78	26.221	1.3921
"2013-05-21	08:00:00"	19.55	6.46	12.87	31.42	15.08	360	16.05	25.45	62.64	65.07	-2.431	43.34	39.52	26.252	81.477
"2013-05-21	09:00:00"	21.67	28.94	11.06	31.42	17.35	28.35	15.15	28.43	63.97	68.28	-4.305	41.56	35.5	26.265	280.27
"2013-05-21	10:00:00"	20.65	26.55	11.13	30.22	16.5	24.99	16.29	24.86	64.64	69.1	-4.457	40.03	34.59	26.294	489.71
"2013-05-21	11:00:00"	17.9	29.73	11.82	28.43	14.58	28.48	15.74	24.26	66.82	71.82	-4.999	38.2	32.46	26.319	681.53
"2013-05-21	12:00:00"	14.87	24.99	15.11	25.45	12.14	21.66	19.34	21.87	69.77	75.98	-6.217	36.13	29.85	26.325	829.22
"2013-05-21	13:00:00"	13.1	29.33	20.42	23.07	10.91	25.77	24.16	21.28	70.59	80.5	-9.87	35.56	26.17	26.329	932.9
"2013-05-21	14:00:00"	9.86	29.75	35.41	20.68	8.23	29.11	39.86	20.09	71.9	79.74	-7.846	34.43	26.77	26.324	967.5
"2013-05-21	15:00:00"	7.846	14.32	54.44	20.09	6.558	10.12	57.88	20.68	74.02	78.04	-4.022	31.19	26.69	26.309	973.87
"2013-05-21	16:00:00"	7.469	347.4	44.24	20.09	6.147	345	47.08	17.7	75.69	79.64	-3.951	28.04	23.85	26.294	907.16
"2013-05-21	17:00:00"	6.613	283	81.3	19.49	5.357	278.9	82.2	18.89	77.28	80.8	-3.508	25.99	22.18	26.278	802.38
"2013-05-21	18:00:00"	5.615	56.13	59.01	11.74	4.879	49.67	59.84	10.54	78.35	81.1	-2.716	24.52	21.23	26.254	629.45
"2013-05-21	19:00:00"	4.41	169.3	88.1	9.35	3.666	148.2	87.3	8.16	79.5	81.4	-1.87	23.09	20.32	26.239	421.88
"2013-05-21	20:00:00"	4.093	126.1	45.36	11.14	2.96	116.5	51.12	9.95	79.86	80.9	-1.063	22.18	19.89	26.231	210.44
"2013-05-21	21:00:00"	7.366	120	17.21	11.74	5.599	117.6	17.94	9.95	78.58	79.08	-0.501	23.69	21.56	26.237	37.094
"2013-05-21	22:00:00"	9.25	117	7.306	11.74	6.399	115.1	10.3	9.35	74.14	73.88	0.263	27.81	26.15	26.246	0.03639
"2013-05-21	23:00:00"	10.48	122.8	6.876	14.72	7.333	122	9.66	12.33	72.12	71.66	0.459	29.06	27.73	26.257	0
"2013-05-22	00:00:00"	12.7	133	7.61	18.3	9.61	132.6	8.86	14.72	69.95	70.04	-0.089	32.03	30.43	26.272	0
"2013-05-22	01:00:00"	12.85	140.4	7.763	17.7	10.06	139.7	8.35	14.72	68.3	68.52	-0.225	34.19	32.58	26.273	0
"2013-05-22	02:00:00"	10.07	148.9	8.14	14.72	7.895	146.7	8.02	11.74	66.42	66.63	-0.208	35.73	34.15	26.271	0
"2013-05-22	03:00:00"	10.19	158.6	14.84	14.12	7.798	156.1	15.02	11.74	64.5	64.52	-0.022	37.6	36.09	26.267	0
"2013-05-22	04:00:00"	5.963	177.5	10.45	11.74	2.44	173	13.32	9.35	61.71	61.56	0.159	40.76	39.14	26.269	0
"2013-05-22	05:00:00"	6.841	171.7	8.03	10.54	2.861	168.7	10.23	8.16	60.71	60.4	0.31	42.4	40.86	26.267	0
"2013-05-22	06:00:00"	9.29	167.5	8.84	14.72	5.418	164.5	10.18	11.14	60.28	60.01	0.271	44.67	43.31	26.264	0
"2013-05-22	07:00:00"	7.214	144.1	13.66	11.74	1.418	140.6	13.89	8.16	58.47	58.31	0.157	48.04	46.38	26.268	1.7716
"2013-05-22	08:00:00"	8.94	149.9	13.32	13.52	4.786	146.2	13.91	10.54	58.75	58.84	-0.085	48.89	47.22	26.272	92.089
"2013-05-22	09:00:00"	15.98	173.3	8	28.43	12.11	170	10.4	23.66	64.53	65.39	-0.855	42.91	40.54	26.282	286.91
"2013-05-22	10:00:00"	20.35	178.5	7.822	30.22	15.87	175.6	10.89	25.45	70.59	72.64	-2.046	40.45	36.9	26.294	493.4
"2013-05-22	11:00:00"	20.06	180.4	9.4	27.84	15.8	177.8	12.63	23.66	74.24	76.81	-2.577	42.53	38.01	26.297	696.36
"2013-05-22	12:00:00"	18.03	185.3	11.32	27.84	14.29	183	14.37	25.45	78.43	81.6	-3.19	34.06	30.04	26.287	844.59
"2013-05-22	13:00:00"	17.07	183.9	12.29	27.24	13.54	181.2	15.04	25.45	82.9	86.3	-3.447	24.88	21.28	26.274	955.04
"2013-05-22	14:00:00"	15.83	186.9	17.47	30.22	12.66	183.9	19.94	26.05	86.4	89.7	-3.33	17.37	14.29	26.256	1012.6
"2013-05-22	15:00:00"	14.35	198.8	18.64	26.05	11.51	196	21.43	23.66	89.1	91.9	-2.774	12.73	10.11	26.231	981.94
"2013-05-22	16:00:00"	14.77	209.9	28.53	28.43	11.78	209	30.63	24.26	90.8	93.3	-2.508	9.72	7.328	26.21	947.04
"2013-05-22	17:00:00"	14.61	203.4	28.53	26.05	11.7	200.9	31.92	21.87	91.8	94	-2.15	8.9	6.598	26.185	813.42
"2013-05-22	18:00:00"	13.76	194.4	23.78	24.26	10.9	191.7	24.07	20.68	92.3	93.6	-1.324	8.08	5.959	26.163	515.91
"2013-05-22	19:00:00"	9.73	226	31.64	27.84	7.653	225.3	34.4	25.45	92.2	92.6	-0.393	7.565	5.623	26.153	191.8
"2013-05-22	20:00:00"	12.07	194.4	22.56	26.65	9.17	192.4	25.3	22.47	92.4	92.5	-0.111	7.795	5.918	26.15	167.03
"2013-05-22	21:00:00"	15.65	177	10.13	23.66	12.2	174.1	12.55	19.49	89.3	89.5	-0.252	14.42	12.44	26.165	23.224

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-05-22	22:00:00"	14.68	168.7	7.677	21.87	11.48	165.6	9.55	18.89	84.9	85	-0.058	22.25	20.51	26.186	0.03974		0	
"2013-05-22	23:00:00"	12.61	160.4	10.33	18.3	10.05	156.9	10.77	15.31	82	81.8	0.184	25.34	23.77	26.207	0		0	
"2013-05-23	00:00:00"	14.8	158.5	10.37	23.07	11.78	156.2	10.86	19.49	80.1	80.1	0.028	29.9	28.33	26.222	0		0	
"2013-05-23	01:00:00"	15.08	167.4	9.33	23.66	11.88	164.4	11.18	18.89	78.58	78.85	-0.268	37.01	35.33	26.23	0		0	
"2013-05-23	02:00:00"	15.77	172.7	7.047	22.47	12.21	169.7	9.74	17.7	76.95	77.14	-0.193	44.24	42.35	26.234	0		0	
"2013-05-23	03:00:00"	15.64	176.9	7.022	20.68	11.92	174.2	9.52	17.1	75.92	76.15	-0.225	50.42	48.64	26.236	0		0	
"2013-05-23	04:00:00"	15.11	178.2	6.924	21.28	11.69	175.5	9.31	17.1	74.51	74.65	-0.146	56.13	54.4	26.239	0		0	
"2013-05-23	05:00:00"	15.19	175.8	6.647	21.87	11.63	172.7	9.3	19.49	72.94	73.61	-0.668	63.6	61.31	26.247	0		0	
"2013-05-23	06:00:00"	13.74	173.4	6.604	21.28	10.48	169.9	9.58	17.7	71.48	71.95	-0.469	70.66	68.62	26.256	0		0	
"2013-05-23	07:00:00"	10.44	167.3	9.56	15.91	7.96	164.5	11.25	14.72	70	69.98	0.024	76.32	74.97	26.271	2.0587		0	
"2013-05-23	08:00:00"	9.91	173	7.774	15.31	7.569	170	10.14	11.74	69.77	69.83	-0.058	77.95	76.65	26.291	52.098		0	
"2013-05-23	09:00:00"	13.43	173.6	7.409	21.87	10.55	170.6	10.09	18.3	71.46	72.2	-0.738	73.39	70.91	26.3	224.6		0	
"2013-05-23	10:00:00"	16.22	177.5	8.87	21.87	12.85	174.4	11.63	18.89	74.58	76.4	-1.824	65.49	61.06	26.311	506.68		0	
"2013-05-23	11:00:00"	14.55	182	10.86	22.47	11.62	179.1	14.14	20.09	79.04	81.7	-2.707	53.93	48.57	26.314	701.67		0	
"2013-05-23	12:00:00"	12.63	183.2	12.8	20.68	10.11	180.7	15.79	17.1	84.4	87.4	-2.946	37.72	33.55	26.309	861.98		0	
"2013-05-23	13:00:00"	11.82	176.7	15.11	19.49	9.53	173.7	19.15	17.7	88	91	-2.963	32.08	28.22	26.301	957.78		0	
"2013-05-23	14:00:00"	11.33	180.1	22.4	20.68	9.2	178.8	25.75	18.3	91.2	93.6	-2.441	27.15	23.84	26.286	985.95		0	
"2013-05-23	15:00:00"	10.94	186.9	33.38	21.28	8.83	187.2	37.34	18.3	93.5	95.9	-2.373	20.57	17.59	26.261	927.31		0	
"2013-05-23	16:00:00"	10.15	172.7	20.05	18.89	7.948	170.2	22.09	15.91	93.6	94.7	-1.094	17	14.7	26.238	227.21		0	
"2013-05-23	17:00:00"	14.01	255.3	69.67	37.98	9.19	255.7	73.95	24.86	90.7	90.8	-0.045	17.6	16.28	26.237	27.095	0.01		
"2013-05-23	18:00:00"	19.82	146	57.77	46.33	15.91	142.7	57.03	39.77	80.5	80.4	0.124	29.19	29.5	26.262	3.6093		0	
"2013-05-23	19:00:00"	18.26	178.7	35.72	41.56	14.4	176.2	36.94	35.59	79.09	79.3	-0.21	30.57	29.56	26.314	6.4799		0	
"2013-05-23	20:00:00"	24.53	153.3	13.92	42.15	19.76	152	13.29	36.19	76.45	76.4	0.052	34.57	33.51	26.256	15.16		0	
"2013-05-23	21:00:00"	19.38	204.9	16.47	40.96	15.35	201.3	17.81	38.57	76.43	76.96	-0.521	36.33	34.4	26.294	5.9103		0	
"2013-05-23	22:00:00"	21.34	197.4	16.47	34.4	16.79	195	17.66	29.63	74.27	75.38	-1.114	39.62	36.99	26.312	0		0	
"2013-05-23	23:00:00"	12.28	192.7	43.8	25.45	9.35	188.5	47.55	22.47	71.94	72.93	-0.985	45.75	42.84	26.368	0		0	
"2013-05-24	00:00:00"	5.791	110.4	19.53	12.33	5.964	106.5	20.71	11.74	69.72	69.88	-0.159	54.18	52.11	26.386	0		0	
"2013-05-24	01:00:00"	11.64	95.1	9.41	20.68	8.92	93.5	10.63	17.1	67.28	67.64	-0.361	60.31	58	26.409	0		0	
"2013-05-24	02:00:00"	18.91	106.2	10.12	30.22	14.88	107.5	12.19	23.66	64.37	65.54	-1.166	70.57	67.68	26.443	0		0	
"2013-05-24	03:00:00"	19.74	111	9.33	32.61	15.54	112.3	11.43	27.24	64.39	65.83	-1.441	66.71	63.64	26.446	0		0	
"2013-05-24	04:00:00"	18.51	131.4	11.78	30.82	14.52	132.4	12.27	25.45	62.6	64.79	-2.197	72.16	67.44	26.426	0		0	
"2013-05-24	05:00:00"	15.2	133.7	8.48	22.47	12	134.3	9.5	18.3	62.69	64.73	-2.041	69.51	66.13	26.42	0		0	
"2013-05-24	06:00:00"	13.38	137.2	10.6	20.68	10.47	137.9	10.38	17.7	63.51	66.6	-3.081	62.32	57.77	26.422	0		0	
"2013-05-24	07:00:00"	10.6	150.8	10.97	17.7	8.12	149.2	11.05	15.31	63.89	67.13	-3.235	58.52	53.71	26.424	1.2798		0	
"2013-05-24	08:00:00"	6.434	196.7	25.96	11.74	2.021	196	26.38	8.16	64.43	66.86	-2.436	57.98	53.75	26.443	107.16		0	
"2013-05-24	09:00:00"	8.63	205.8	15.5	15.31	6.589	204.5	18.52	13.52	67.04	68.32	-1.286	53.35	49.99	26.457	297.26		0	
"2013-05-24	10:00:00"	10.43	170.2	14.51	15.31	8.18	166.4	15.89	12.93	68.88	70.43	-1.547	51.7	47.84	26.476	292.86		0	
"2013-05-24	11:00:00"	9.63	159	18.08	15.91	7.472	157.1	19.15	14.12	71.45	73.87	-2.425	48.99	44.09	26.476	649.5		0	
"2013-05-24	12:00:00"	7.887	166	27.12	14.72	6.229	163.8	28.76	12.33	73.86	76.95	-3.089	46.4	40.63	26.46	819.92		0	
"2013-05-24	13:00:00"	10.47	154.7	23.7	21.87	8.46	152.3	24.41	18.3	77.12	80.6	-3.502	43.45	37.81	26.443	929.35		0	
"2013-05-24	14:00:00"	11.64	152	24.85	23.66	9.51	150.5	25.52	20.09	79.73	83.5	-3.783	41.3	35.85	26.427	869.94		0	
"2013-05-24	15:00:00"	10.75	155	31.08	23.07	8.98	152.3	33.33	19.49	81.2	84.8	-3.611	39.69	34.7	26.412	841.23		0	
"2013-05-24	16:00:00"	12.45	139.1	20.35	24.26	10.16	138.6	20.39	20.09	83.1	86.7	-3.562	36.46	31.86	26.396	691.79		0	
"2013-05-24	17:00:00"	10.62	159.4	29.78	22.47	8.49	157.3	30.55	20.09	84	86.9	-2.86	35.68	31.64	26.364	754.61		0	
"2013-05-24	18:00:00"	8.75	154.7	28.01	17.1	6.705	153.5	28.69	15.31	84.4	86.6	-2.226	34.46	31.03	26.343	487.2		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-24	19:00:00"	10.18	145.9	22.95	16.51	7.537	144.7	22.61	14.72	84.9	86.8	-1.911	33.83	30.7	26.337	226.43	0
"2013-05-24	20:00:00"	17.21	117.3	12.02	26.65	13.47	118.9	14.43	22.47	83.9	85.7	-1.866	36.12	33.06	26.339	151.78	0
"2013-05-24	21:00:00"	19.04	120.9	8.09	28.43	14.71	123	10.7	24.26	80.7	81.8	-1.114	42.02	39.23	26.363	20.119	0
"2013-05-24	22:00:00"	22.74	121.5	7.534	32.61	17.39	122.9	10.32	26.65	75.61	76.71	-1.1	51.76	48.78	26.39	0.00728	0
"2013-05-24	23:00:00"	21.41	127.8	7.849	31.42	16.53	129.8	9.69	27.24	72.84	73.71	-0.87	54.61	51.9	26.417	0	0
"2013-05-25	00:00:00"	19.58	128.9	7.705	28.43	15.14	130.5	9.52	23.66	70.61	71.79	-1.177	63.83	60.74	26.441	0	0
"2013-05-25	01:00:00"	18.47	135.3	7.123	26.65	14.61	136.4	8.19	23.07	68.96	69.71	-0.757	68.84	66.24	26.443	0	0
"2013-05-25	02:00:00"	13.88	137.2	8.83	20.68	10.96	137.7	9.29	16.51	67.62	68.15	-0.533	70.88	68.75	26.452	0	0
"2013-05-25	03:00:00"	12.86	141.9	8.01	20.09	10.38	141.8	8.37	17.1	66.19	66.78	-0.593	71.3	68.97	26.454	0	0
"2013-05-25	04:00:00"	11.98	133.1	7.863	17.7	9.41	133.8	9.05	15.31	64.7	65.88	-1.184	77.59	74.25	26.443	0	0
"2013-05-25	05:00:00"	13.63	148.5	13.76	20.68	11.09	147.6	13	17.7	64.44	65.94	-1.504	79.43	76.13	26.433	0	0
"2013-05-25	06:00:00"	11.64	157	9.52	21.87	9.61	154.3	9.62	17.7	64.04	65.54	-1.504	78.05	74.51	26.428	0	0
"2013-05-25	07:00:00"	8.39	149.1	10.44	17.7	6.603	147.5	11.02	15.31	62.67	63.65	-0.977	80.8	77.99	26.428	0.87345	0
"2013-05-25	08:00:00"	11.95	158.9	11.97	18.89	9.69	156.6	12.27	18.89	63.06	63.92	-0.86	79.92	77.51	26.438	18.678	0
"2013-05-25	09:00:00"	8.92	167.4	14.43	14.12	7.129	164.1	15.82	11.74	63.31	64.47	-1.155	78.86	75.61	26.45	80.859	0
"2013-05-25	10:00:00"	6.44	170.7	19.64	11.14	5.188	167.9	20.84	9.35	64.17	65.44	-1.27	76.79	73.18	26.454	222.94	0
"2013-05-25	11:00:00"	6.723	135.9	22.94	11.74	3.999	134.6	25.47	9.95	66.29	68.44	-2.149	72.14	66.97	26.457	509.06	0
"2013-05-25	12:00:00"	11.67	117.4	16.69	19.49	9.53	117.2	18.77	18.3	70.6	73.82	-3.222	63.46	56.77	26.437	795.75	0
"2013-05-25	13:00:00"	12.76	129.4	16.02	20.68	10.58	130.6	17.24	17.7	74.6	78.43	-3.829	54.97	47.71	26.427	913.01	0
"2013-05-25	14:00:00"	12.02	124.6	20.32	19.49	9.93	125.3	21.35	17.7	78.34	82.5	-4.161	48.23	41.07	26.415	989.54	0
"2013-05-25	15:00:00"	13.08	134.9	22.7	22.47	10.78	135	23.14	20.09	81.8	86.2	-4.324	42.32	36.15	26.388	965.25	0
"2013-05-25	16:00:00"	12.35	157.7	22.37	21.28	9.97	156.6	22.67	18.89	84.4	87.5	-3.113	38.5	34.04	26.369	839.45	0
"2013-05-25	17:00:00"	13.98	157.3	19.08	23.07	11.43	156	19.3	21.87	86.5	88.7	-2.213	36.05	32.42	26.344	774.81	0
"2013-05-25	18:00:00"	14.11	158.1	17.08	23.07	11.58	157	17.43	20.09	87.1	89	-1.908	35.47	32.14	26.325	535.34	0
"2013-05-25	19:00:00"	16.17	164.4	11.98	24.86	13.02	162	12.82	21.87	86	87.6	-1.647	37.25	34.21	26.309	189.1	0
"2013-05-25	20:00:00"	13.93	157.2	12.52	22.47	11.19	155.2	12.44	18.3	83.7	84.8	-1.137	40.25	37.59	26.315	62.674	0
"2013-05-25	21:00:00"	20.3	263.3	92	42.15	15.12	266.2	91.5	33.8	76.86	79.61	-2.757	46.48	41.56	26.376	3.6139	0.02
"2013-05-25	22:00:00"	19.96	0.721	23.11	37.98	14.91	356.4	24.96	33.21	62.75	64.12	-1.372	77.63	78.64	26.449	0.63643	0.57
"2013-05-25	23:00:00"	17	34.11	58.94	35.59	12.69	33.42	61.83	27.84	69.53	67.02	2.514	55.68	64.75	26.435	0	0.05
"2013-05-26	00:00:00"	12.83	83.9	30.39	26.65	10.56	83.6	31.81	21.28	72.92	71.83	1.089	43.81	46.42	26.389	0	0
"2013-05-26	01:00:00"	6.965	107.1	53.53	14.72	5.853	102.1	52.5	13.52	70.31	69.6	0.716	53.18	55.51	26.403	0	0
"2013-05-26	02:00:00"	13.24	163.5	10.59	30.82	10.38	160.8	11.75	26.65	68.12	67.63	0.494	65.48	66.55	26.388	0	0
"2013-05-26	03:00:00"	17.2	154.1	10.66	29.03	13.87	152.6	10.45	25.45	70.31	70.09	0.223	61.17	61.52	26.358	0	0
"2013-05-26	04:00:00"	13.4	154	12.05	21.87	10.48	152.6	12.14	18.3	68.71	68.35	0.36	63.09	63.9	26.36	0	0
"2013-05-26	05:00:00"	14.32	173.6	7.938	21.87	10.83	170.1	10.22	17.7	66.39	66.13	0.263	67.03	67.64	26.366	0	0
"2013-05-26	06:00:00"	7.936	205.5	17.71	15.91	5.997	200.9	17.17	13.52	63.56	63.55	0.007	72.29	71.89	26.364	0	0
"2013-05-26	07:00:00"	4.64	203.9	15.51	7.561	2.499	193.5	17.76	6.368	61.3	61.07	0.229	79.02	79.28	26.378	1.0096	0
"2013-05-26	08:00:00"	5.592	195.8	14.04	12.93	2.425	192.2	15.17	9.95	62.6	62.29	0.305	77.11	78.14	26.38	83.562	0
"2013-05-26	09:00:00"	12.43	176.5	8.64	17.7	9.67	172.7	11.17	15.31	66.33	66.95	-0.618	77.44	76.35	26.377	271.61	0
"2013-05-26	10:00:00"	16.11	185.4	9.87	22.47	12.47	183.8	13.66	18.89	69.7	71	-1.299	75.14	73.12	26.381	476.14	0
"2013-05-26	11:00:00"	15.83	183	10.6	24.26	12.51	180.4	13.52	19.49	72.99	74.56	-1.564	68.23	66.23	26.381	673.06	0
"2013-05-26	12:00:00"	13.93	183.9	12.45	20.68	11.04	180.6	15.85	18.3	76.99	78.92	-1.935	58.98	56.53	26.379	829.12	0
"2013-05-26	13:00:00"	13.24	193.7	14.61	24.26	10.52	191.5	18.11	20.68	81	82.8	-1.887	47.78	44.95	26.364	914.65	0
"2013-05-26	14:00:00"	12.44	187.3	14.97	20.68	9.99	184.5	17.77	20.09	84.3	86.7	-2.316	38.84	36.16	26.345	975	0
"2013-05-26	15:00:00"	12.11	181.6	18.59	26.65	9.7	178.7	21.18	20.68	87.6	89.8	-2.236	32.03	29.57	26.324	959.26	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-26	16:00:00"	12.34	189.6	19.5	23.66	9.7	187.1	21.86	18.89	90.1	92	-1.908	26.98	24.72	26.301	918.36	0	
"2013-05-26	17:00:00"	12	194.7	25.46	30.82	9.69	192.3	28.61	24.86	92.1	93.7	-1.511	22.86	20.78	26.278	780.35	0	
"2013-05-26	18:00:00"	12.4	190.4	16.32	21.28	9.62	187.1	18.68	19.49	93.2	94.3	-1.141	18.77	17.04	26.259	601.49	0	
"2013-05-26	19:00:00"	12.77	180.4	14.56	21.28	9.83	178.1	16.97	18.89	93.6	94.3	-0.715	15.44	14.01	26.239	404.6	0	
"2013-05-26	20:00:00"	15.2	173.8	8.6	21.87	11.77	170.1	11.04	17.7	92.8	92.9	-0.063	17.34	16.07	26.232	167.71	0	
"2013-05-26	21:00:00"	17.47	166.9	9.29	27.24	13.76	163.8	10.93	22.47	88.4	88.9	-0.581	33.8	32.04	26.241	21.674	0	
"2013-05-26	22:00:00"	19.66	166.8	9.2	30.82	15.67	164.1	10.77	26.65	84.5	84.8	-0.265	42.48	40.8	26.26	0.14527	0	
"2013-05-26	23:00:00"	20.78	166.7	9.79	32.01	16.53	164.3	11.41	28.43	81.4	81.9	-0.457	48.8	46.91	26.28	0	0	
"2013-05-27	00:00:00"	21.33	170.3	7.825	32.61	16.88	168.3	10.31	26.65	78.95	79.41	-0.462	52.71	50.89	26.298	0	0	
"2013-05-27	01:00:00"	18.4	175.8	7.405	27.84	14.32	172.7	10.03	24.86	76.95	77.23	-0.283	57.71	56.15	26.309	0	0	
"2013-05-27	02:00:00"	16.99	175.7	6.757	24.26	13.08	172.7	9.78	22.47	75.28	75.45	-0.17	62	60.73	26.308	0	0	
"2013-05-27	03:00:00"	14.56	175.8	7.311	23.07	11.27	172.7	10.22	18.89	73.93	74.04	-0.11	64.71	63.6	26.294	0	0	
"2013-05-27	04:00:00"	12.78	177.7	7.267	19.49	9.86	175	9.91	14.72	72.45	72.55	-0.106	68.56	67.44	26.285	0	0	
"2013-05-27	05:00:00"	11.54	183.2	9.14	16.51	8.86	181.6	12.77	13.52	70.73	70.9	-0.17	73.84	72.62	26.279	0	0	
"2013-05-27	06:00:00"	10.72	182.3	7.708	14.72	8.25	179.9	10.4	11.74	69.13	69.29	-0.152	77.99	76.87	26.273	0	0	
"2013-05-27	07:00:00"	10.2	189.8	8.89	17.1	7.871	190.6	12.82	12.33	67.68	67.76	-0.08	81.1	80.1	26.274	2.1822	0	
"2013-05-27	08:00:00"	10.01	191.8	8.69	14.72	7.778	192.5	12.45	12.93	67.13	67.53	-0.406	84	82.6	26.282	87.252	0	
"2013-05-27	09:00:00"	12.56	192.9	9.64	19.49	9.92	192.3	12.88	15.91	69.68	70.7	-1.015	79.89	77.57	26.281	264.42	0	
"2013-05-27	10:00:00"	13.78	194.6	11.67	19.49	11.04	192.1	12.96	17.1	74.12	75.89	-1.773	68.76	65.06	26.28	475.69	0	
"2013-05-27	11:00:00"	12.3	207.1	15.09	19.49	9.91	203.9	17.42	15.91	79.14	81.1	-1.933	55.95	51.99	26.271	676.25	0	
"2013-05-27	12:00:00"	11.23	221.5	16.63	18.89	9.26	218.3	20.53	17.1	84	85.7	-1.774	38.95	35.94	26.26	837.97	0	
"2013-05-27	13:00:00"	9.6	232.7	21.54	17.1	8.01	232	25.07	15.91	87.5	89.9	-2.359	27.97	25.18	26.251	952.81	0	
"2013-05-27	14:00:00"	8.75	223.1	29.37	17.7	7.075	221.7	34.83	15.31	90.5	93	-2.478	20.06	17.59	26.232	962.94	0	
"2013-05-27	15:00:00"	10.54	211.4	33.37	23.07	8.59	208.8	35.74	19.49	93	95.8	-2.82	16.12	13.74	26.207	925.67	0	
"2013-05-27	16:00:00"	14.03	219.8	23.05	24.86	11.47	217.7	25.52	20.68	94.7	98.3	-3.637	11.93	9.53	26.186	826.62	0	
"2013-05-27	17:00:00"	11.5	233.5	21.85	21.87	9.43	234.3	25.57	20.09	95.3	99.5	-4.188	11.25	8.81	26.159	724.4	0	
"2013-05-27	18:00:00"	15.49	214.5	17.39	24.86	12.58	211	20.14	21.87	96.8	100.6	-3.754	9.08	6.779	26.126	566.27	0	
"2013-05-27	19:00:00"	16.5	245.2	17.86	27.24	13.19	246	22.12	24.86	96.2	98.8	-2.654	8.19	6.158	26.115	402.42	0	
"2013-05-27	20:00:00"	13.86	260.8	10.34	25.45	10.75	264.5	12.14	21.28	94.2	95.9	-1.731	7.503	5.69	26.116	107.57	0	
"2013-05-27	21:00:00"	17.87	172.1	11.53	29.03	13.87	169	12.94	23.07	86.4	89.2	-2.787	33.94	30.31	26.142	17.57	0	
"2013-05-27	22:00:00"	19.92	175.1	6.802	33.21	15.33	172.2	9.61	24.86	81.3	83	-1.689	47.04	43.67	26.165	0.05401	0	
"2013-05-27	23:00:00"	13.16	177.4	6.77	24.26	9.34	173.7	9.42	20.09	77.99	78.84	-0.85	52.44	50.11	26.177	0	0	
"2013-05-28	00:00:00"	13.05	183.7	9.38	23.07	10.19	182.3	12.48	20.68	76.31	77.12	-0.811	52.47	50.37	26.189	0	0	
"2013-05-28	01:00:00"	14.06	183.7	8.9	22.47	10.9	182.1	12.01	18.3	74.42	75.61	-1.192	57.57	54.62	26.19	0	0	
"2013-05-28	02:00:00"	14.76	187.1	9.3	24.26	11.44	186	12.88	18.89	73.88	75.01	-1.129	66.29	63.5	26.185	0	0	
"2013-05-28	03:00:00"	14.48	189	8.92	21.28	11.21	188.5	12.71	17.7	73.01	74.12	-1.104	68.78	66.11	26.175	0	0	
"2013-05-28	04:00:00"	13.3	190.8	9.12	20.68	10.28	190.7	12.78	17.1	72.31	73.01	-0.699	69.86	67.9	26.163	0	0	
"2013-05-28	05:00:00"	10.95	197.4	14.84	21.87	8.44	195.3	16.98	18.3	72.19	72.43	-0.243	69.87	68.57	26.158	0	0	
"2013-05-28	06:00:00"	11.13	201.8	22.96	20.68	6.433	200.5	24.3	17.7	72.48	73.11	-0.624	68.7	67	26.166	0	0	
"2013-05-28	07:00:00"	14.03	170.6	12.26	24.26	9.8	167.8	13.78	20.68	71.61	73	-1.396	70.24	67.29	26.147	1.0453	0	
"2013-05-28	08:00:00"	13.31	170.5	11.09	20.68	10.38	167.9	12.89	16.51	70.64	71.28	-0.643	74.05	72.02	26.146	63.177	0	
"2013-05-28	09:00:00"	16.32	174.7	9.12	23.66	12.89	171.3	11.25	21.28	70.36	71.64	-1.283	78.28	75.18	26.153	126.74	0	
"2013-05-28	10:00:00"	14	176.6	10.73	27.24	11.08	173.9	13.68	26.05	69.9	71.25	-1.352	81.1	77.88	26.167	175.51	0	
"2013-05-28	11:00:00"	15.96	169.9	11.29	23.07	12.76	166.6	13.14	19.49	71.98	74.27	-2.288	75.87	70.73	26.163	552.82	0	
"2013-05-28	12:00:00"	16.81	170.1	10.09	24.26	13.42	167	12.09	20.09	73.79	75.74	-1.948	68.79	64.27	26.162	407.85	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-28	13:00:00"	16.34	173.5	12.07	25.45	13.05	170.9	14.58	21.28	78.44	81.2	-2.727	57.6	52.18	26.151	907.09	0
"2013-05-28	14:00:00"	15.72	172.8	10.93	24.26	12.64	169.9	13.09	21.28	80.5	83.7	-3.212	51.41	45.58	26.137	660.86	0
"2013-05-28	15:00:00"	14.33	168.8	13.81	20.68	11.59	165.9	15.05	18.3	81.6	84.6	-2.994	48.4	43.02	26.127	664.77	0
"2013-05-28	16:00:00"	14.95	163.7	16.51	24.26	12.17	161.3	16.88	19.49	85.1	88	-2.865	40.99	36.64	26.103	907.44	0
"2013-05-28	17:00:00"	16.04	157.3	15.48	33.8	12.99	156.1	15.89	24.26	86.3	89.1	-2.833	37.5	33.62	26.079	785.49	0
"2013-05-28	18:00:00"	18.38	144.5	11.67	27.84	15	144.1	11.75	23.66	86.3	89	-2.727	38.85	34.98	26.055	608.87	0
"2013-05-28	19:00:00"	23.56	146.6	10.93	34.4	19.15	146.4	11.3	29.03	85	87.7	-2.644	42.08	37.83	26.036	395.75	0
"2013-05-28	20:00:00"	23.02	152	11.36	33.8	18.64	150.7	11.06	28.43	82.5	84.4	-1.84	46.56	42.71	26.031	193.85	0
"2013-05-28	21:00:00"	20.36	148	9.14	29.63	16.55	147.4	9.24	24.86	78.62	80.4	-1.746	55.97	52.17	26.049	32.716	0
"2013-05-28	22:00:00"	16.37	155.8	11.39	27.24	13.24	154.4	10.94	21.87	75.85	76.45	-0.592	61.61	59.49	26.073	0.06503	0
"2013-05-28	23:00:00"	15.44	162.6	11.65	27.84	12.43	160.3	12.54	23.07	74.87	75.57	-0.706	64.97	62.92	26.088	0	0
"2013-05-29	00:00:00"	14.89	165.6	10.02	25.45	11.81	162.8	11.28	21.28	74.46	75.08	-0.612	65.65	63.93	26.095	0	0
"2013-05-29	01:00:00"	19.93	167	9.38	30.82	15.77	164.9	11.11	27.24	74.63	75.56	-0.934	64.8	62.7	26.091	0	0
"2013-05-29	02:00:00"	21.56	169.5	8.92	32.01	17.05	167.3	11.07	29.03	73.92	74.79	-0.867	66.66	64.4	26.091	0	0
"2013-05-29	03:00:00"	23.98	177.4	6.718	37.98	18.72	174.6	9.74	32.01	72.88	73.56	-0.683	69.83	67.7	26.095	0	0
"2013-05-29	04:00:00"	28.78	175.6	6.729	40.96	22.45	172.9	9.85	35	72.36	73.67	-1.315	72.75	69.55	26.084	0	0
"2013-05-29	05:00:00"	25.01	176.3	6.93	35.59	19.44	173.9	9.91	29.03	71.43	72.61	-1.176	76.14	73.17	26.072	0	0
"2013-05-29	06:00:00"	21.63	179.2	7.2	32.01	16.85	176.8	9.91	27.84	69.98	71	-1.017	76.42	73.96	26.064	0	0
"2013-05-29	07:00:00"	17.36	185.9	8.82	25.45	13.57	184.8	12.56	21.28	69.07	69.7	-0.629	72.89	71.1	26.061	1.8133	0
"2013-05-29	08:00:00"	14.27	193.4	8.84	22.47	10.93	193.7	12.98	19.49	69.12	69.67	-0.552	68.68	67.1	26.064	81.518	0
"2013-05-29	09:00:00"	14.42	197.9	9.57	22.47	11.18	196.9	11.75	18.89	69.84	70.9	-1.062	65.93	63.33	26.076	163.42	0
"2013-05-29	10:00:00"	13.33	217.3	16.12	23.66	10.77	213.3	18.41	19.49	73.96	75.3	-1.336	52.79	50.17	26.085	376.8	0
"2013-05-29	11:00:00"	16.24	255.1	18.43	25.45	12.9	256.4	20.26	23.07	80.9	82.5	-1.601	23.65	21.8	26.079	713.65	0
"2013-05-29	12:00:00"	17.82	274.5	11.91	32.01	13.09	276.1	13.16	26.65	84.1	86.9	-2.825	13.03	10.94	26.069	869.05	0
"2013-05-29	13:00:00"	16.33	259.3	18.03	27.84	12.67	260.5	20.48	23.66	85.5	89.1	-3.576	11.47	9.14	26.07	974.73	0
"2013-05-29	14:00:00"	16.93	243	17.84	33.8	13.67	244.3	20.97	29.03	86.8	90	-3.214	9.88	7.626	26.062	1021.7	0
"2013-05-29	15:00:00"	16.97	241.9	17.56	33.8	14.01	241.6	20.55	26.65	88.1	91.1	-3.006	10.01	7.724	26.046	989.2	0
"2013-05-29	16:00:00"	20	238.2	21.48	34.4	16.07	238.3	25.18	29.63	88.9	92.6	-3.707	11.08	8.54	26.027	934.96	0
"2013-05-29	17:00:00"	20.73	239.5	17.42	34.4	16.87	239.6	20.82	30.22	89.2	91.8	-2.589	11.04	8.73	26.009	812.06	0
"2013-05-29	18:00:00"	20.04	236.6	17.89	37.98	16.06	235.9	22.74	32.61	89.3	91.9	-2.615	10.65	8.36	25.996	635.03	0
"2013-05-29	19:00:00"	19.41	238.5	12.93	31.42	16.09	238.3	15.29	26.65	88.9	91	-2.104	10.69	8.51	25.995	428.16	0
"2013-05-29	20:00:00"	17.92	250.4	12.69	27.24	14.5	252.4	15.83	24.26	88.1	89	-0.876	10.72	8.84	25.998	213.96	0
"2013-05-29	21:00:00"	13.07	241.5	11.75	22.47	10.74	241.3	14.24	20.09	86.3	86.6	-0.293	11.31	9.6	26.016	43.044	0
"2013-05-29	22:00:00"	10.22	222.5	13.13	15.91	8.08	218.7	13.51	14.12	82.6	82.6	-0.012	12.81	11.2	26.033	0.14499	0
"2013-05-29	23:00:00"	8.01	208	12.15	14.12	5.862	202.2	13.17	12.33	78.65	78.83	-0.179	15.03	13.48	26.051	0	0
"2013-05-30	00:00:00"	6.981	215.3	12.88	10.54	2.818	210.2	15.56	8.75	75.83	75.61	0.223	16.67	15.43	26.068	0	0
"2013-05-30	01:00:00"	5.721	219.5	14.15	9.95	2.421	211.8	15.41	7.561	73.37	73.02	0.354	17.91	16.68	26.077	0	0
"2013-05-30	02:00:00"	5.97	219.6	14.74	8.75	2.48	211.2	14.51	7.561	72.73	72.23	0.497	18.11	17.05	26.085	0	0
"2013-05-30	03:00:00"	10.61	174.1	11.21	18.89	7.393	169.6	12.32	15.31	71.01	70.79	0.223	24.46	22.97	26.095	0	0
"2013-05-30	04:00:00"	12.11	190.9	13.01	20.68	9.25	191	16.26	17.1	70.21	70.84	-0.622	67.96	64.97	26.099	0	0
"2013-05-30	05:00:00"	9.65	196.5	15.02	21.87	9.26	197.4	17.89	20.09	69.15	69.75	-0.608	77.85	75.73	26.102	0	0
"2013-05-30	06:00:00"	10.4	203.9	13.35	16.51	8.05	203.6	15.26	14.12	67.64	68.33	-0.686	82.4	80.2	26.113	0	0
"2013-05-30	07:00:00"	7.809	234.1	14.01	11.74	6.232	234.3	17.84	9.95	65.73	66.48	-0.756	85.9	83.6	26.128	2.2592	0
"2013-05-30	08:00:00"	8.57	235.3	12.3	14.12	7.119	236.3	14.97	11.74	64.98	65.93	-0.945	86.2	84.3	26.152	91.019	0
"2013-05-30	09:00:00"	7.233	249.2	18.7	11.14	5.692	247.9	21.45	10.54	68.76	69.43	-0.667	61.45	60.89	26.174	286.18	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-05-30	10:00:00"	8.89	298.6	23.76	18.89	5.862	297.7	24.93	15.91	77.05	78.5	-1.452	25.75	24.22	26.193	495.7	0	
"2013-05-30	11:00:00"	14.84	343.8	15.77	22.47	11.74	339.8	15.81	21.28	82.8	85.7	-2.851	15.23	13.12	26.199	695.8	0	
"2013-05-30	12:00:00"	12.3	316.6	20.02	22.47	8.99	314.9	20.79	18.3	84.2	87.6	-3.45	18.09	15.34	26.201	855.45	0	
"2013-05-30	13:00:00"	11.12	306.2	31.18	22.47	8.32	304.8	32.2	17.7	85.5	88.9	-3.382	17.83	15.02	26.204	959.25	0	
"2013-05-30	14:00:00"	10.57	304.5	27.66	24.26	7.715	304.5	29.18	16.51	87.2	91.1	-3.926	16.19	13.3	26.195	1005.3	0	
"2013-05-30	15:00:00"	14.06	297	20.37	24.86	9.79	297.5	21.25	18.3	88.9	93.5	-4.525	14.03	11.11	26.182	976.55	0	
"2013-05-30	16:00:00"	10.77	261.9	26.04	30.82	8.61	262.8	28.79	22.47	89.4	93	-3.647	13.58	10.88	26.169	935.06	0	
"2013-05-30	17:00:00"	11.44	257.3	33.68	24.86	9.34	256.3	31.62	21.28	91.3	94.2	-2.949	12.61	10.13	26.149	812.61	0	
"2013-05-30	18:00:00"	12.54	242.4	22.88	24.26	10.13	242.5	26.19	21.87	92.1	94.9	-2.76	11.39	9.03	26.134	641.71	0	
"2013-05-30	19:00:00"	12.7	240	19.16	24.86	10.38	240.4	22.69	20.68	92.4	94.5	-2.109	10.29	8.1	26.126	439.66	0	
"2013-05-30	20:00:00"	12.23	248.6	15.71	21.28	9.88	250.4	18.66	17.7	92.2	93.3	-1.071	10.78	8.83	26.126	223.98	0	
"2013-05-30	21:00:00"	9.78	239.9	14.47	15.91	7.756	238.9	18.1	14.12	90.5	90.7	-0.233	12.16	10.42	26.133	46.253	0	
"2013-05-30	22:00:00"	6.709	209.5	15.49	10.54	2.737	205.6	15.17	8.16	85.6	85.1	0.403	14.19	12.81	26.149	0.19142	0	
"2013-05-30	23:00:00"	7.394	213.3	13.81	11.14	5.338	208.2	13.88	9.95	81.6	81	0.621	16.7	15.4	26.165	0	0	
"2013-05-31	00:00:00"	6.096	224.3	15.07	8.75	3.217	218.8	18.49	7.561	78.76	78.39	0.366	18.85	17.48	26.179	0	0	
"2013-05-31	01:00:00"	5.473	220.8	15.23	9.35	1.951	212.9	17.78	6.368	77.22	76.54	0.681	20.84	19.7	26.182	0	0	
"2013-05-31	02:00:00"	4.806	219.1	20.34	6.368	1	213.7	23.7	1	75.71	74.68	1.037	22.69	22.01	26.179	0	0	
"2013-05-31	03:00:00"	8.03	213.1	38.81	20.09	5.06	212.7	42.28	17.1	75.04	74.27	0.773	29.28	28	26.178	0	0	
"2013-05-31	04:00:00"	11.29	178.7	8.76	17.7	8.57	177.3	11.83	14.72	71.7	72.13	-0.431	63.66	61.26	26.185	0	0	
"2013-05-31	05:00:00"	8.9	195.3	9.44	11.74	6.621	196.8	11.33	9.95	69.13	69.46	-0.339	73.77	71.64	26.19	0	0	
"2013-05-31	06:00:00"	9.1	197.1	7.875	12.33	6.867	198.4	10.37	9.95	67.16	67.56	-0.4	80.4	78.33	26.196	0	0	
"2013-05-31	07:00:00"	8.05	205.7	10.87	11.74	6.403	199.5	10.93	9.35	65.95	67.39	-1.434	84.2	80.8	26.197	2.8012	0	
"2013-05-31	08:00:00"	8.51	212	12.4	12.93	6.816	209.5	15.15	11.14	66.36	68.47	-2.106	84.4	80.9	26.212	93.602	0	
"2013-05-31	09:00:00"	10.2	211.6	12.54	14.72	8.25	208.2	16.07	13.52	69.7	73.11	-3.406	76.28	71.15	26.233	288.78	0	
"2013-05-31	10:00:00"	10.58	214.5	14.4	16.51	8.82	209.7	17.2	15.91	74.73	78.47	-3.737	57.23	51.36	26.241	498.05	0	
"2013-05-31	11:00:00"	10.07	242.2	22.34	15.91	8.21	240.7	25.19	14.72	81.5	84.4	-2.872	34.4	31.07	26.241	694.07	0	
"2013-05-31	12:00:00"	10.81	274.8	19.98	18.89	8.13	274.8	21.13	14.72	87.3	92	-4.705	21.04	17.82	26.234	857.54	0	
"2013-05-31	13:00:00"	9.36	268.8	25.96	24.86	7.272	268.9	28.66	18.89	89.9	93.7	-3.805	16.66	13.71	26.224	967.5	0	
"2013-05-31	14:00:00"	9.51	262.7	27.73	19.49	7.479	263.7	30.84	18.89	91.9	95.4	-3.522	14.89	12.14	26.207	1010.1	0	
"2013-05-31	15:00:00"	10.26	239.8	29.44	20.68	8.26	239.5	33.26	18.3	94	97.8	-3.767	12.7	9.98	26.186	982.26	0	
"2013-05-31	16:00:00"	8.78	242.4	42.91	20.68	7.136	239.2	49.82	20.68	98.2	101	-2.766	11.08	8.45	26.161	942.11	0	
"2013-05-31	17:00:00"	8.4	270.6	52.78	18.89	6.314	274.2	55.35	15.91	100.1	102.1	-2.015	10.02	7.668	26.134	819.17	0	
"2013-05-31	18:00:00"	10.82	250.7	34.89	20.68	8.63	252.2	37.47	18.89	99.9	101.4	-1.574	9.15	6.921	26.116	645.04	0	
"2013-05-31	19:00:00"	12.49	249.9	23.29	25.45	9.91	251.1	26.17	22.47	98.1	99.7	-1.615	9.14	6.995	26.103	443.07	0	
"2013-05-31	20:00:00"	14.14	245.1	12.45	23.07	11.26	245.8	15.82	19.49	97.2	97.6	-0.426	8.02	6.125	26.105	233.03	0	
"2013-05-31	21:00:00"	9.32	233.4	16.67	18.3	7.374	232	18.55	17.1	95.1	95	0.016	9.28	7.52	26.114	49.108	0	
"2013-05-31	22:00:00"	7.481	218.8	13.51	13.52	5.536	210.2	15.44	11.14	89.9	89.5	0.429	11.31	9.71	26.127	0.21832	0	
"2013-05-31	23:00:00"	7.3	215.4	12.32	11.74	4.992	209.3	15.73	9.35	85.5	84.9	0.595	13.05	11.61	26.146	0	0	
"2013-06-01	00:00:00"	6.369	218.5	13.38	11.14	4.462	211.2	14.7	8.75	81.7	81.2	0.475	14.98	13.58	26.158	0	0	
"2013-06-01	01:00:00"	5.866	213.7	26.67	14.72	3.406	202.3	25.78	11.14	79.76	78.89	0.868	16.32	15.19	26.164	0	0	
"2013-06-01	02:00:00"	10.33	185.2	9.74	15.91	7.61	184.1	13.58	12.33	78.27	78.44	-0.174	33.02	30.52	26.174	0	0	
"2013-06-01	03:00:00"	7.255	251.1	41.55	17.1	4.545	252.2	44.17	12.33	78.28	77.51	0.771	47.56	46.87	26.191	0	0	
"2013-06-01	04:00:00"	9.59	326.6	41.45	17.7	6.406	328.6	35.76	13.52	76.65	74.22	2.431	31.74	34.26	26.193	0	0	
"2013-06-01	05:00:00"	12.58	8.63	10.91	17.7	9.31	2.367	13.57	14.12	72.32	72.43	-0.114	20.51	19.28	26.204	0	0	
"2013-06-01	06:00:00"	15.46	3.985	12.46	24.86	11.9	357	14.23	21.28	68.56	69.45	-0.884	38.71	36.3	26.216	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-01	07:00:00"	16.68	21.85	6.613	23.66	12.91	19.29	12.82	20.68	67.3	69.97	-2.67	64.65	58.79	26.245	2.5367	0
"2013-06-01	08:00:00"	15.57	24.99	6.576	23.66	12.31	23.85	11.18	20.68	67.31	69.8	-2.482	67.17	62.76	26.285	94.192	0
"2013-06-01	09:00:00"	18.36	32.76	9.63	27.84	14.83	32.86	12.95	24.86	69.8	72.23	-2.427	46.26	42.4	26.312	289.98	0
"2013-06-01	10:00:00"	20.53	41.94	8.9	30.82	16.61	42.03	10.71	26.65	74.52	76.8	-2.28	35.98	32.98	26.323	494.41	0
"2013-06-01	11:00:00"	23.56	46.71	10.68	33.21	18.6	47.38	12.22	29.03	77.68	81.2	-3.478	31.58	27.78	26.33	679.06	0
"2013-06-01	12:00:00"	20.26	45.89	11.72	30.82	16.17	47.06	14.11	27.24	79.26	83.2	-3.937	28.89	24.94	26.349	825.29	0
"2013-06-01	13:00:00"	17.43	57.05	17.76	29.03	13.95	57.1	19	23.07	81.2	85.4	-4.2	26.97	22.91	26.36	938.38	0
"2013-06-01	14:00:00"	15.59	55.29	17.53	25.45	12.56	55.37	19.54	21.87	83.3	87.5	-4.158	24.75	20.86	26.358	976.21	0
"2013-06-01	15:00:00"	15.52	64.31	19.46	25.45	12.56	64.12	20.54	21.28	84.3	87.8	-3.437	24.07	20.47	26.35	944.63	0
"2013-06-01	16:00:00"	15.13	59.95	22.41	26.05	12.28	59.31	24.85	20.68	84.9	88.5	-3.571	22.7	19.15	26.344	902.44	0
"2013-06-01	17:00:00"	15.45	64.97	16.24	26.05	12.42	64.74	17.7	22.47	85.1	88.6	-3.511	21.62	18.19	26.343	784.35	0
"2013-06-01	18:00:00"	15.28	72.55	17.37	25.45	12.22	72.48	19.17	23.07	84.9	87.7	-2.809	21.43	18.32	26.342	614.63	0
"2013-06-01	19:00:00"	15.67	71.01	13.03	26.65	12.16	70.74	14.3	21.28	84.4	86.6	-2.133	21.59	18.8	26.337	417.58	0
"2013-06-01	20:00:00"	16.11	75.9	11.61	23.66	12.48	75.41	13.11	20.09	83.1	84.6	-1.45	21.57	19.16	26.344	214.84	0
"2013-06-01	21:00:00"	14.6	76.8	8.46	23.66	11.13	76.04	10.39	18.89	81	81.8	-0.75	22.27	20.24	26.368	45.079	0
"2013-06-01	22:00:00"	8.87	80.5	7.496	17.7	7.832	78.67	9.21	13.52	77.36	77.41	-0.048	24.53	22.89	26.393	0.20102	0
"2013-06-01	23:00:00"	10.01	86	7.155	13.52	7.144	84.5	8.84	11.14	74.06	73.99	0.075	28.05	26.56	26.421	0	0
"2013-06-02	00:00:00"	10.8	85.8	7.046	15.31	7.696	84.2	8.9	11.14	71.76	71.74	0.018	30.25	28.85	26.428	0	0
"2013-06-02	01:00:00"	11.35	83.7	7.581	15.91	8.18	82.2	9.42	12.93	70.11	70.62	-0.516	31.94	30.32	26.419	0	0
"2013-06-02	02:00:00"	11.67	78.95	7.31	17.1	8.49	76.91	9.09	13.52	68.62	69.48	-0.863	33.47	31.7	26.418	0	0
"2013-06-02	03:00:00"	12.33	77.22	6.958	16.51	9.1	75.29	8.77	13.52	66.81	67.25	-0.436	35.32	33.75	26.42	0	0
"2013-06-02	04:00:00"	11.05	83.3	7.525	15.91	7.659	81.2	9.48	12.33	65.07	65.43	-0.355	37.09	35.5	26.425	0	0
"2013-06-02	05:00:00"	7.33	84.8	12.16	11.74	3.918	81.4	14.13	8.75	64.25	64.46	-0.21	38.51	37	26.44	0	0
"2013-06-02	06:00:00"	5.635	54.32	20.77	8.75	1.347	41.7	25.84	5.771	62.69	62.38	0.308	40.74	39.84	26.447	0	0
"2013-06-02	07:00:00"	8.4	46.87	11.05	12.93	6.021	45.19	13.54	10.54	62.43	62.69	-0.256	42.1	40.49	26.455	1.8123	0
"2013-06-02	08:00:00"	8.91	59.29	11.59	17.1	6.991	59.84	12.27	13.52	62.22	62.84	-0.619	42.89	40.52	26.468	94.418	0
"2013-06-02	09:00:00"	13.88	72.58	9.66	21.87	10.88	71.76	11.26	18.3	65.03	66.24	-1.213	42.11	39.14	26.489	236.74	0
"2013-06-02	10:00:00"	15.89	86.5	10.17	24.86	12.71	85.5	12.55	21.28	68.42	70.19	-1.772	42.12	38.63	26.491	407.04	0
"2013-06-02	11:00:00"	16.53	103.3	10.78	23.07	13.31	104.3	12.99	20.68	71.12	74.07	-2.945	40.95	36.63	26.49	609.99	0
"2013-06-02	12:00:00"	15.95	104.3	12.53	24.86	12.96	105	14.17	22.47	72.91	75.71	-2.794	39	35	26.485	571.41	0
"2013-06-02	13:00:00"	15.14	117.6	15.21	23.66	11.99	118.7	16.84	21.28	75.37	78.69	-3.315	34.33	30.27	26.474	697.12	0
"2013-06-02	14:00:00"	16.4	125.9	14.75	26.65	12.93	126.9	16.17	23.66	77.94	82.1	-4.149	33.28	28.61	26.456	932.59	0
"2013-06-02	15:00:00"	15.33	136.7	18.28	26.05	11.99	137.5	18.69	21.87	80.3	84.7	-4.461	33.14	28.26	26.426	951.42	0
"2013-06-02	16:00:00"	15.53	147.5	21.08	27.24	11.96	147.3	20.92	21.28	82.4	86.5	-4.155	33.06	28.4	26.399	905.96	0
"2013-06-02	17:00:00"	16.01	147	16.05	25.45	12.26	146.6	16.62	23.07	83.6	86.9	-3.272	32.58	28.49	26.37	788.23	0
"2013-06-02	18:00:00"	17.17	140.9	16.93	29.63	13.62	140.5	16.69	26.05	84.8	87.9	-3.086	32.01	28.12	26.334	618.8	0
"2013-06-02	19:00:00"	17.95	144.6	15.46	28.43	13.86	144	15.42	23.07	85.3	88.1	-2.799	33.33	29.72	26.296	417.98	0
"2013-06-02	20:00:00"	19.62	144.9	11.54	27.84	15.61	144.7	12.14	23.07	85.1	86.9	-1.823	34.97	32.01	26.271	206.94	0
"2013-06-02	21:00:00"	16.69	151	9.95	26.65	13.45	150	10.07	23.07	83.1	84	-0.893	38.36	36.17	26.281	23.775	0
"2013-06-02	22:00:00"	12.8	158.1	9.55	19.49	10.91	155.8	10.04	17.1	81.4	81.7	-0.362	41.9	39.9	26.317	0.0497	0
"2013-06-02	23:00:00"	12.08	163.4	10.55	20.68	11.65	161.3	11.73	17.1	80.1	80.6	-0.417	46.51	44.43	26.331	0	0
"2013-06-03	00:00:00"	15.29	168.9	8.17	21.28	11.93	166.1	10.22	17.7	78.79	79.33	-0.538	51.09	48.91	26.325	0	0
"2013-06-03	01:00:00"	18.32	169.9	8.38	28.43	14.44	167.5	10.62	23.07	77.91	78.64	-0.73	56.03	53.68	26.33	0	0
"2013-06-03	02:00:00"	13.48	171	59.84	39.77	10.45	168.1	59.96	33.21	76.14	76.92	-0.781	59.06	56.91	26.352	0	0
"2013-06-03	03:00:00"	24.84	11.46	13.61	48.12	19.32	7.968	19.27	37.98	65.16	68.79	-3.635	67.51	59.62	26.415	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-06-03	04:00:00"	20.3	35.9	10.25	29.03	16.21	36.24	12.53	24.86	65.5	67.39	-1.895	70.65	66.37	26.377	0	0	
"2013-06-03	05:00:00"	15.77	40.59	9.43	26.05	12.68	40.87	11.17	23.07	65.35	66.61	-1.259	69.48	66.61	26.368	0	0	
"2013-06-03	06:00:00"	13.24	49.77	8.73	18.89	10.25	49.9	10.81	17.1	65.04	66.12	-1.079	69.51	66.85	26.36	0	0	
"2013-06-03	07:00:00"	11.22	58.09	11.03	17.1	8.49	58.59	12.12	14.72	64.42	65.37	-0.948	71.57	69.08	26.364	1.5593	0	
"2013-06-03	08:00:00"	9.68	87.8	11.51	14.12	7.32	86	12.7	11.74	64.99	65.17	-0.184	70.36	69.04	26.356	33.703	0	
"2013-06-03	09:00:00"	11.95	131.1	20.74	17.7	9.3	131.1	20.6	14.72	69.04	70.03	-0.982	60.61	58.44	26.346	255.4	0	
"2013-06-03	10:00:00"	13.6	166.5	12.45	20.68	10.87	163.9	13.67	17.1	74.94	76.86	-1.918	50.87	46.82	26.333	480.36	0	
"2013-06-03	11:00:00"	13.96	185.7	13.71	21.28	11.2	183.2	16.54	18.89	77.82	80.9	-3.122	47.93	42.36	26.323	663.94	0	
"2013-06-03	12:00:00"	11.97	207.1	18.04	19.49	9.66	206	21.17	17.1	80.6	83.3	-2.702	42.32	37.78	26.318	818.49	0	
"2013-06-03	13:00:00"	13.46	222.7	19.38	26.05	11.2	221.9	22.66	22.47	83.1	86.2	-3.058	38.12	33.93	26.305	921.28	0	
"2013-06-03	14:00:00"	14.15	222.1	18.15	23.07	11.53	221.1	22.36	21.87	85.9	89.3	-3.364	35.17	30.98	26.285	966.34	0	
"2013-06-03	15:00:00"	12.78	211.4	20.64	21.87	10.34	209.9	23.14	18.89	88.5	91.9	-3.354	31.8	27.79	26.263	940.02	0	
"2013-06-03	16:00:00"	12.9	213.2	26.08	30.82	10.54	211.6	28.92	28.43	90.9	94.1	-3.272	27.72	24	26.239	900.59	0	
"2013-06-03	17:00:00"	13.07	208.7	25.49	22.47	10.46	208.2	28.95	17.7	91.9	96	-4.044	26	22.06	26.22	781.99	0	
"2013-06-03	18:00:00"	12.29	207.3	24.13	23.66	9.95	207.4	27.56	18.89	92.9	95.5	-2.629	24.84	21.63	26.203	613.94	0	
"2013-06-03	19:00:00"	13.97	193.5	19.24	28.43	10.92	190.8	21.11	27.24	93.1	94.8	-1.694	24.87	22.14	26.186	415.64	0	
"2013-06-03	20:00:00"	15.02	179.9	11.45	23.07	11.8	177.5	14.72	18.3	92.5	94.2	-1.703	24.75	22.13	26.178	211.88	0	
"2013-06-03	21:00:00"	14.92	175.1	6.497	21.87	11.55	171.3	9.59	18.3	91.6	91.7	-0.034	24.76	23.03	26.181	44.17	0	
"2013-06-03	22:00:00"	14.32	170.5	7.196	24.86	11.09	167.2	8.64	20.09	89	88.9	0.079	27.15	25.62	26.19	0.25375	0	
"2013-06-03	23:00:00"	18.34	169.8	7.173	28.43	14.51	167.2	9.19	24.86	86.2	86.6	-0.4	35.77	33.99	26.207	0	0	
"2013-06-04	00:00:00"	20.48	171	6.886	29.63	16.21	168.4	9.38	25.45	84.2	84.6	-0.372	40.55	38.68	26.22	0	0	
"2013-06-04	01:00:00"	21.75	171.5	6.949	29.63	17.11	169.1	9.38	24.86	82.2	82.8	-0.573	45.38	43.15	26.223	0	0	
"2013-06-04	02:00:00"	20.99	174.2	6.328	28.43	16.56	170.7	9.23	24.26	80.2	80.6	-0.416	49.21	47.16	26.223	0	0	
"2013-06-04	03:00:00"	19.31	177.2	6.745	26.65	14.99	174.1	9.6	22.47	78.49	78.83	-0.337	52.09	50.22	26.218	0	0	
"2013-06-04	04:00:00"	18.11	179.4	6.633	24.86	14.02	176.4	9.73	22.47	77.1	77.51	-0.404	52.86	51.06	26.212	0	0	
"2013-06-04	05:00:00"	14.56	183.3	8.4	23.07	11.29	181.7	11.72	18.89	75.71	75.75	-0.047	52.36	50.9	26.209	0	0	
"2013-06-04	06:00:00"	11.12	192.6	8.17	15.91	8.33	195	11.97	14.12	74	74.45	-0.453	53.47	51.74	26.218	0	0	
"2013-06-04	07:00:00"	9.79	199	11.6	15.91	7.265	198.9	13.77	13.52	72.24	72.28	-0.046	55.84	54.44	26.221	2.6566	0	
"2013-06-04	08:00:00"	9.08	204.8	11.13	13.52	7.103	200.9	11.78	11.74	72.06	72.41	-0.353	56.09	54.4	26.23	98.584	0	
"2013-06-04	09:00:00"	10.88	207.3	12.36	17.1	8.77	204.5	14.35	15.31	76	76.89	-0.881	49.55	47.06	26.238	294.48	0	
"2013-06-04	10:00:00"	12.43	226.7	17.43	19.49	9.93	224.1	20.47	17.7	81.4	82.5	-1.15	40.19	37.51	26.246	505.72	0	
"2013-06-04	11:00:00"	15.21	265.5	13.89	21.87	11.61	268.4	15.83	18.89	88.7	90.5	-1.808	23.15	20.73	26.241	705.53	0	
"2013-06-04	12:00:00"	13.49	276	13.83	20.09	9.75	277.7	15.6	18.89	92.9	96.3	-3.378	14.01	11.48	26.243	862.46	0	
"2013-06-04	13:00:00"	10.33	291.2	29.32	17.1	7.347	290	31.83	16.51	94.8	98.1	-3.292	11.62	9.14	26.244	968.46	0	
"2013-06-04	14:00:00"	7.667	276.4	30.94	17.1	5.613	275.4	36.12	15.31	96.9	99.4	-2.508	8.16	5.987	26.231	1016.4	0	
"2013-06-04	15:00:00"	9.04	272	49.77	24.86	6.936	272.4	50.81	18.3	98.1	100.6	-2.519	7.507	5.322	26.217	987.31	0	
"2013-06-04	16:00:00"	8.51	258.9	40.95	21.28	6.897	258.4	43.51	21.87	99.2	101.3	-2.106	6.901	4.764	26.201	944.06	0	
"2013-06-04	17:00:00"	10.03	280.8	35.96	19.49	7.547	283	35.43	18.3	100.1	102.4	-2.29	6.473	4.328	26.186	821.87	0	
"2013-06-04	18:00:00"	9.01	253.8	47.6	19.49	7.105	256.5	47.52	15.91	99.9	101.4	-1.52	6.319	4.274	26.173	652.69	0	
"2013-06-04	19:00:00"	7.208	248.7	41.56	18.3	5.731	248.9	43.63	14.12	100	101.9	-1.933	6.696	4.607	26.16	447.68	0	
"2013-06-04	20:00:00"	6.313	240.8	20.48	14.72	5.238	240.4	23.92	13.52	99.6	100.8	-1.237	7.143	5.16	26.155	223.31	0	
"2013-06-04	21:00:00"	3.339	235	23.37	6.964	2.41	232.6	27.71	6.964	98.4	98.2	0.224	7.966	6.352	26.161	52.076	0	
"2013-06-04	22:00:00"	7.724	172.9	11.55	21.87	5.72	162	15.67	17.1	93.7	92.3	1.397	13.13	11.96	26.172	0.1872	0	
"2013-06-04	23:00:00"	19.77	176.4	6.528	29.63	15.37	172.6	9.29	25.45	89.4	90	-0.603	22.38	20.52	26.192	0	0	
"2013-06-05	00:00:00"	14.68	183	8.56	21.87	11.41	180.1	11.77	17.7	85.9	86.7	-0.731	24.43	22.49	26.21	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-05	01:00:00"	11.43	186.5	9.15	19.49	8.7	185.7	12.87	14.72	81.8	82.4	-0.621	28.05	26.17	26.208	0	0
"2013-06-05	02:00:00"	8.07	186.9	9.25	14.12	5.884	187.9	11.78	11.14	78.63	78.76	-0.13	32.02	30.52	26.206	0	0
"2013-06-05	03:00:00"	6.669	189.7	7.356	9.95	4.583	193.2	10.84	8.16	75.62	75.55	0.074	35.07	33.72	26.201	0	0
"2013-06-05	04:00:00"	6.675	190.4	8.71	10.54	4.45	191.6	12.46	6.964	73.41	72.87	0.54	37.31	36.4	26.197	0	0
"2013-06-05	05:00:00"	9.72	183.2	10.5	15.31	7.318	183.3	14.36	12.33	71.68	71.52	0.159	38.92	37.75	26.203	0	0
"2013-06-05	06:00:00"	7.887	202.1	11.47	12.33	5.535	202.2	11.35	9.35	70.98	70.72	0.255	39.66	38.56	26.211	0	0
"2013-06-05	07:00:00"	7.48	217.3	14.34	10.54	5.806	214.2	16.19	8.75	70.25	70.1	0.148	40.26	38.97	26.217	2.7185	0
"2013-06-05	08:00:00"	6.263	229.7	12.1	9.35	3.979	229.9	14.92	7.561	69.44	69.56	-0.115	41.73	40.05	26.228	95.103	0
"2013-06-05	09:00:00"	7.879	216.6	11.38	12.33	6.243	215.2	14.57	9.95	73.69	74.47	-0.782	37.1	35.12	26.24	288.09	0
"2013-06-05	10:00:00"	6.748	257.9	31.72	16.51	5.167	257.4	32.88	14.72	80.6	81.7	-1.101	28.41	26.34	26.252	490.52	0
"2013-06-05	11:00:00"	13.06	346.8	16.3	23.66	10.41	343	17.81	18.89	85.8	89.1	-3.256	19.99	17.09	26.253	687.41	0
"2013-06-05	12:00:00"	14.18	3.37	16.43	23.07	11.31	358.6	19.45	18.89	84.8	89.6	-4.778	32.8	27.95	26.263	833.21	0
"2013-06-05	13:00:00"	10.03	17.92	20.97	18.89	8.33	13.73	26.97	16.51	87.6	91.5	-3.87	28.86	24.84	26.26	938.53	0
"2013-06-05	14:00:00"	8.48	22.57	27.47	20.09	7.138	20.99	31.41	18.3	90.7	96.9	-6.131	20.25	16.25	26.252	988.9	0
"2013-06-05	15:00:00"	8.3	50.93	37.44	18.89	7.022	51.48	46.08	15.31	93.5	99.6	-6.079	17	13.25	26.234	959.28	0
"2013-06-05	16:00:00"	6.615	150.2	57.94	16.51	5.755	150.4	60.3	14.72	95.3	100	-4.666	14.28	11.17	26.214	953.69	0
"2013-06-05	17:00:00"	6.426	236.8	70.75	14.12	5.397	238.9	73.53	12.93	97	102.1	-5.104	13.55	10.38	26.191	865.65	0
"2013-06-05	18:00:00"	7.315	225.7	56.42	17.7	6.084	226.5	58.24	14.72	97.3	102.4	-5.052	14.41	11.12	26.177	589.93	0
"2013-06-05	19:00:00"	11.4	79.99	18.37	19.49	9.2	79.18	19.5	16.51	94.8	98.4	-3.647	21.21	17.88	26.163	280.39	0
"2013-06-05	20:00:00"	15.33	74.75	10.97	22.47	11.95	73.26	12.75	18.3	92.4	95.2	-2.754	24.88	21.83	26.159	163.13	0
"2013-06-05	21:00:00"	14.44	77.38	8.24	21.28	11.15	75.13	10.01	18.89	89.5	91.4	-1.901	28.54	25.9	26.172	46.058	0
"2013-06-05	22:00:00"	14.97	78.72	11.29	28.43	11.52	78.46	13.21	23.07	85.8	87.2	-1.416	33.85	31.46	26.192	0.21039	0
"2013-06-05	23:00:00"	5.485	15.05	37.54	27.84	20.46	13.93	39.76	42.15	75.09	77.37	-2.281	48.39	44.72	26.287	0.08229	0.08
"2013-06-06	00:00:00"	1	26.19	7.503	1	23.88	28.34	11.72	37.38	66.41	68.99	-2.585	62.1	57.59	26.335	0	0
"2013-06-06	01:00:00"	1	38.96	11.68	1	18.65	41.83	13.65	33.8	65.76	68.09	-2.33	61.13	57.23	26.322	0	0
"2013-06-06	02:00:00"	1	53.96	9.06	1	11.85	57.66	10.93	21.87	65.08	66.43	-1.35	63.08	61.26	26.302	0	0
"2013-06-06	03:00:00"	1	60.34	11.85	1	10.11	63.28	13.21	16.51	64.06	65.47	-1.403	71.96	69.33	26.305	0	0
"2013-06-06	04:00:00"	1	68.84	13.57	1	11.35	71.72	14.15	18.3	62.44	64	-1.558	81.4	78.06	26.303	0	0
"2013-06-06	05:00:00"	1	52.87	11.84	1	9.24	55.87	13.39	14.72	61.29	62.83	-1.536	86	82.7	26.321	0	0
"2013-06-06	06:00:00"	1	42.44	10.03	1	10.13	45.09	11.63	16.51	61.32	62.79	-1.464	85	82.7	26.334	0	0
"2013-06-06	07:00:00"	1	34.15	10.46	1	10.82	36.59	12.85	17.1	61.39	63.3	-1.915	84.8	81.7	26.349	1.162	0
"2013-06-06	08:00:00"	1	35.77	8.66	1	11.28	38.31	11.06	18.89	62.12	64.19	-2.071	82.7	79.68	26.369	31.538	0
"2013-06-06	09:00:00"	1	37.18	8.77	1	13.3	39.97	11.32	20.09	63.15	65.48	-2.332	79.23	75.57	26.387	119.56	0
"2013-06-06	10:00:00"	1	47.35	11.19	1	11.85	50.38	13.07	18.89	64.39	66.67	-2.271	75.06	71.33	26.403	266.65	0
"2013-06-06	11:00:00"	1	48.32	12.78	1	10.14	50.8	14.61	17.1	66.5	69.84	-3.345	70.44	65.01	26.412	519.44	0
"2013-06-06	12:00:00"	1	51.93	15.32	1	10.43	54.96	16.95	17.1	68.84	72.6	-3.766	65	58.38	26.413	702.64	0
"2013-06-06	13:00:00"	1	62.46	18.56	1	10.31	65.19	19.92	17.7	71.53	75.44	-3.901	58.6	51.68	26.407	873.83	0
"2013-06-06	14:00:00"	1	62.83	25.87	1	8.5	64.57	25.15	18.3	73.4	77.77	-4.379	54.34	46.79	26.394	877.34	0
"2013-06-06	15:00:00"	1	71.14	27.5	1	7.128	73.6	29.38	15.91	75.19	78.91	-3.714	50.81	44.34	26.378	661.27	0
"2013-06-06	16:00:00"	1	71.24	33.76	1	7.442	73.17	34.06	16.51	76.18	79.63	-3.449	49.23	43.15	26.366	654.49	0
"2013-06-06	17:00:00"	1	56.49	36.13	1	7.34	60.38	39.89	15.91	77.9	82	-4.13	46.14	39.6	26.343	753.42	0
"2013-06-06	18:00:00"	1	64.44	26.37	1	8.52	65.72	28.04	17.1	78.71	83.4	-4.684	45.67	38.68	26.329	600.02	0
"2013-06-06	19:00:00"	1	75.83	13.86	1	9.98	77.7	15.01	17.1	78.25	82.2	-3.908	47.09	40.74	26.322	371.02	0
"2013-06-06	20:00:00"	1	69.23	14.94	1	10.63	71.46	15.85	18.3	76.93	80.4	-3.422	49.49	43.76	26.318	203.93	0
"2013-06-06	21:00:00"	1	70.01	9.29	1	9.19	72.43	10.71	14.12	74.48	75.58	-1.096	53.67	50.49	26.332	30.204	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-06-06	22:00:00"	1	73.79	7.913		1	7.203	75.52	9.17	11.14	71.81	72.39	-0.574	58.6	56.34	26.344	0.16344	0
"2013-06-06	23:00:00"	1	74.12	7.846		1	7.824	75.2	9.16	11.14	70	70.51	-0.512	62.74	60.72	26.361	0	0
"2013-06-07	00:00:00"	1	75.65	8.22		1	7.934	77	9.87	11.74	68.47	68.92	-0.444	65.94	64.02	26.38	0	0
"2013-06-07	01:00:00"	1	80.2	7.159		1	8.04	80.7	9.3	13.52	66.94	67.32	-0.381	69.86	68.04	26.389	0	0
"2013-06-07	02:00:00"	1	85.9	7.741		1	8.12	87.5	9.5	12.33	65.59	66.09	-0.499	74.17	72.02	26.4	0	0
"2013-06-07	03:00:00"	1	82.6	10.22		1	6.919	84.1	11.27	13.52	64.76	65.34	-0.573	80.4	78.11	26.424	0	0
"2013-06-07	04:00:00"	1	103.6	26.34		1	6.43	105.9	18.21	12.33	64.74	65.76	-1.018	82.9	80.3	26.424	0.20305	0.1
"2013-06-07	05:00:00"	1	95.1	14.19		1	7.321	96.4	15.86	13.52	63.5	64.48	-0.979	86.4	84.9	26.409	1.2865	0.05
"2013-06-07	06:00:00"	1	134.7	30.91		1	5.566	137.2	31.84	9.35	62.84	63.5	-0.663	87.4	86.5	26.405	1.3121	0
"2013-06-07	07:00:00"	1	132.6	17.16		1	5.417	134.5	18	9.35	62.53	63.22	-0.695	86.9	85.9	26.403	3.1403	0
"2013-06-07	08:00:00"	1	124.7	19.01		1	4.521	126.4	20.06	8.75	62.56	63.18	-0.622	87.4	86.3	26.404	29.927	0
"2013-06-07	09:00:00"	1	121.8	15.24		1	6.039	124.6	16.25	14.12	63.04	64.23	-1.193	86.2	85.6	26.411	172.4	0
"2013-06-07	10:00:00"	1	149.1	10.03		1	9.4	150.2	11.14	15.31	64.48	66.27	-1.793	81.9	80	26.433	279.15	0
"2013-06-07	11:00:00"	1	153.6	20.11		1	7.168	153.5	20.33	12.33	66.28	69.05	-2.779	75.42	71.97	26.436	479.11	0
"2013-06-07	12:00:00"	1	147.4	18.91		1	7.042	150.1	19.6	13.52	68.05	71.32	-3.273	70.42	66.06	26.427	739.19	0
"2013-06-07	13:00:00"	1	138.9	23.6		1	7.223	141.8	24.73	14.72	70.9	74.3	-3.401	63.06	58.09	26.413	917.87	0
"2013-06-07	14:00:00"	1	153.2	28.48		1	6.639	154.1	33.17	12.93	73.35	76.3	-2.947	57.32	52.3	26.393	939.45	0
"2013-06-07	15:00:00"	1	144	31.16		1	6.521	145.3	34.6	13.52	75.21	78.17	-2.952	54.48	49.24	26.37	911.81	0
"2013-06-07	16:00:00"	1	152.1	32.62		1	7.52	154.3	33.88	21.28	77.65	80.6	-2.943	50.43	45.2	26.343	898.38	0
"2013-06-07	17:00:00"	1	135.9	21.51		1	8.75	137.8	22.49	17.1	79.51	83	-3.45	45.97	40.42	26.315	780.42	0
"2013-06-07	18:00:00"	1	135.9	20.14		1	9.88	137.5	20.79	17.7	81.1	84.3	-3.207	41.04	36.61	26.29	597.88	0
"2013-06-07	19:00:00"	1	128.8	13.32		1	10.64	130.6	14.99	17.1	81	83.3	-2.313	38.87	35.63	26.269	273.36	0
"2013-06-07	20:00:00"	1	144.6	11.1		1	11.4	146	11.44	17.1	80.2	82.1	-1.83	39.07	36.33	26.26	109.41	0
"2013-06-07	21:00:00"	1	136.3	7.273		1	10.83	138.6	8.14	16.51	78.44	79.98	-1.54	44.65	41.76	26.261	26.98	0
"2013-06-07	22:00:00"	1	134.8	8.8		1	9.95	136.9	9.81	15.91	75.8	76.92	-1.12	51.58	49.1	26.281	0.09425	0
"2013-06-07	23:00:00"	1	137.3	11.29		1	6.895	138.8	11.75	9.95	73.96	74.7	-0.741	56.65	54.68	26.303	0	0
"2013-06-08	00:00:00"	1	138.8	11.31		1	5.662	139.7	11.73	9.95	72.44	72.82	-0.374	60.72	59.29	26.324	0	0
"2013-06-08	01:00:00"	1	122.9	13.88		1	5.52	122.7	15.38	9.35	70.78	71.19	-0.407	66.66	65.08	26.328	0	0
"2013-06-08	02:00:00"	1	18.16	58.95		1	10.16	15.05	58.96	24.86	68.21	70.67	-2.459	65.8	61.38	26.38	0	0
"2013-06-08	03:00:00"	1	46.31	27.28		1	11.09	48.42	28.8	21.87	62.06	64.97	-2.906	79.86	73.16	26.378	0	0
"2013-06-08	04:00:00"	1	115.4	40.64		1	14.85	117.1	40.97	27.84	60.84	62.39	-1.542	83.9	81.1	26.29	0.14827	0.02
"2013-06-08	05:00:00"	1	85.4	10.2		1	12.22	87.5	11.31	21.28	60.17	61.14	-0.974	86.1	83.9	26.27	0	0
"2013-06-08	06:00:00"	1	127.7	24.37		1	6.524	130.4	26.13	15.31	60.94	61.46	-0.517	86.2	85.1	26.26	0	0
"2013-06-08	07:00:00"	1	201.2	17.23		1	3.414	206.6	19.21	5.771	61.58	61.56	0.018	84.5	84.7	26.272	2.9488	0
"2013-06-08	08:00:00"	1	196.9	13.79		1	3.413	200.3	17.61	6.368	63.23	63.69	-0.464	81	80.6	26.281	128.37	0
"2013-06-08	09:00:00"	1	180.3	13.45		1	6.646	181	16.23	11.74	65.81	67.66	-1.85	75.27	72.68	26.278	262.88	0
"2013-06-08	10:00:00"	1	185.1	12.65		1	9.59	184.3	15.08	14.12	67.56	70.08	-2.528	71.35	66.86	26.279	453.48	0
"2013-06-08	11:00:00"	1	199.4	17.72		1	7.892	201	19.89	13.52	70.33	73.55	-3.227	66.37	60.41	26.273	664.11	0
"2013-06-08	12:00:00"	1	213.1	24.32		1	6.915	216.2	29.53	12.93	73.38	76.22	-2.843	59.67	54.25	26.265	823.18	0
"2013-06-08	13:00:00"	1	198.3	28.77		1	6.03	199.2	33.06	11.14	77.65	79.64	-1.988	50.17	46.02	26.245	929.73	0
"2013-06-08	14:00:00"	1	182.7	31.86		1	7.892	183.7	34.74	18.3	82.6	84.8	-2.172	37.68	34.35	26.216	977.76	0
"2013-06-08	15:00:00"	1	211.7	20.96		1	8.82	215.3	25.69	17.7	85.4	87.8	-2.319	34.02	30.73	26.199	945.2	0
"2013-06-08	16:00:00"	1	211.1	24.97		1	7.61	212.4	28.64	17.7	87.7	89.6	-1.953	30.81	27.88	26.178	908.53	0
"2013-06-08	17:00:00"	1	183.4	23.55		1	8.66	183.1	27.15	18.3	89.6	92.8	-3.191	28.24	24.79	26.155	794.53	0
"2013-06-08	18:00:00"	1	173	20.29		1	9.01	173.9	23.98	19.49	91	95.3	-4.327	25.41	21.59	26.134	628.92	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-06-08	19:00:00"	1	172.8	16.66	1	9.67	173.5	19.92	17.7	91.6	94.9	-3.241	23.72	20.57	26.12	405.38	0
"2013-06-08	20:00:00"	1	175.9	11.87	1	10.27	175.6	15.12	17.7	91.9	94	-2.11	23.77	21.19	26.116	234.48	0
"2013-06-08	21:00:00"	1	160.5	9.79	1	10.34	160	10.69	18.3	90	90.5	-0.531	27.33	25.42	26.122	32.029	0
"2013-06-08	22:00:00"	1	161.8	10.23	1	14.23	161.2	10.87	23.07	85.2	86.1	-0.922	39.02	36.69	26.136	0.15139	0
"2013-06-08	23:00:00"	1	160.3	12.02	1	15.26	160.6	12.65	24.86	82.2	83.1	-0.91	45.52	42.9	26.171	0	0
"2013-06-09	00:00:00"	1	157.8	11.79	1	10.93	158	12.81	18.3	79.74	80.3	-0.57	50.5	48.31	26.218	0	0
"2013-06-09	01:00:00"	1	177.1	16.59	1	13.03	177.1	18.95	29.03	78.22	78.92	-0.702	54.36	52.05	26.191	0	0
"2013-06-09	02:00:00"	1	178	10.6	1	9.08	178	13.33	15.31	76.58	77.11	-0.536	59.12	57.02	26.196	0	0
"2013-06-09	03:00:00"	1	152.9	11.39	1	9.13	153.1	11.83	15.91	75.01	75.43	-0.415	63.17	61.39	26.191	0	0
"2013-06-09	04:00:00"	1	127.8	11.77	1	6.583	128.6	12.87	10.54	73.43	73.62	-0.184	66.52	64.97	26.194	0	0
"2013-06-09	05:00:00"	1	99.9	15.44	1	8.84	100.9	16.36	15.91	72.29	72.64	-0.349	69.72	68.03	26.209	0	0
"2013-06-09	06:00:00"	1	86	7.671	1	11.56	87.6	9.79	19.49	71.77	72.4	-0.632	71.38	69.46	26.231	0	0
"2013-06-09	07:00:00"	1	87.4	8.76	1	15.54	89.6	10.45	25.45	70.85	71.94	-1.084	76.3	73.68	26.264	2.8445	0
"2013-06-09	08:00:00"	1	104.6	9.75	1	15.85	107.1	11.47	23.66	69.99	71.07	-1.08	79.7	77.34	26.283	68.555	0
"2013-06-09	09:00:00"	1	113.2	9.3	1	16.45	115.9	11.84	26.05	70.83	72.77	-1.934	75.54	71.72	26.301	194.61	0
"2013-06-09	10:00:00"	1	126	12.69	1	16.93	129.1	14.15	24.26	72.34	74.67	-2.327	71.13	66.84	26.329	413.61	0
"2013-06-09	11:00:00"	1	145.2	12.15	1	13.53	146.5	12.69	21.28	76.81	79.63	-2.824	57.65	52.39	26.345	664.26	0
"2013-06-09	12:00:00"	1	140.8	18.09	1	10.09	142.4	18.46	17.7	80.5	83.7	-3.232	47.6	42.15	26.348	823.6	0
"2013-06-09	13:00:00"	1	116.6	20.86	1	9.79	119.6	22.75	19.49	84.1	87.9	-3.726	37.19	32.75	26.35	922.31	0
"2013-06-09	14:00:00"	1	119.7	17.95	1	10.25	122.3	19.17	24.26	86	89.8	-3.86	34.05	29.66	26.348	968.14	0
"2013-06-09	15:00:00"	1	108.9	20.14	1	9.98	111.4	22.06	18.89	87.3	92.7	-5.451	31.72	26.65	26.341	945.21	0
"2013-06-09	16:00:00"	1	114.2	18.11	1	10.2	116	22.95	20.09	88.4	93.3	-4.873	29.65	25.12	26.329	903.64	0
"2013-06-09	17:00:00"	1	116.8	24.28	1	11.06	120.1	26.22	21.28	89.7	93.5	-3.82	27.4	23.48	26.316	795.55	0
"2013-06-09	18:00:00"	1	109.9	15.87	1	12.05	112.1	18.02	21.87	89	94.2	-5.219	30.41	25.56	26.311	627.01	0
"2013-06-09	19:00:00"	1	105.7	10.85	1	12.09	107.9	13.31	19.49	88.4	91.6	-3.148	31.39	27.73	26.311	430.56	0
"2013-06-09	20:00:00"	1	101.4	11.45	1	12.12	104.5	12.85	18.89	87.9	90.2	-2.293	31.22	28.14	26.31	227.47	0
"2013-06-09	21:00:00"	1	106	7.652	1	11.13	108	9.31	17.1	86.3	88.5	-2.115	32.49	29.69	26.325	54.85	0
"2013-06-09	22:00:00"	1	119.1	8.63	1	7.239	120.9	10.93	11.74	83.3	84.8	-1.532	32.42	30.31	26.345	0.38256	0
"2013-06-09	23:00:00"	1	128.4	6.445	1	8.18	130.4	8.31	12.33	80.9	81.6	-0.695	31.6	30	26.364	0	0
"2013-06-10	00:00:00"	1	137	6.893	1	9.84	138.9	7.934	15.31	79.57	80.2	-0.587	33.13	31.47	26.379	0	0
"2013-06-10	01:00:00"	1	139.5	6.415	1	10.43	141	7.13	15.31	77.51	78.84	-1.333	42.84	40.21	26.379	0	0
"2013-06-10	02:00:00"	1	150.1	9.15	1	9.09	150.8	9.09	14.12	75.86	78.08	-2.223	50.25	46.67	26.376	0	0
"2013-06-10	03:00:00"	1	154.7	8.94	1	7.884	154.7	9.59	12.93	74.13	75.21	-1.072	54.27	51.54	26.367	0	0
"2013-06-10	04:00:00"	1	160.8	9.77	1	7.76	160	10.65	12.93	72.79	73.13	-0.337	59.05	57.27	26.358	0	0
"2013-06-10	05:00:00"	1	163.5	9.52	1	5.531	162.9	10.19	8.75	71.07	71.12	-0.056	64.42	62.96	26.355	0	0
"2013-06-10	06:00:00"	1	167.3	10.64	1	5.948	165.9	12.47	10.54	70.58	70.4	0.179	67.13	66.2	26.359	0	0
"2013-06-10	07:00:00"	1	165.2	10.94	1	6.583	164.4	12.03	11.14	69.83	69.81	0.014	70.43	69.24	26.367	3.1325	0
"2013-06-10	08:00:00"	1	167.8	10.29	1	6.859	167.3	11.93	11.74	69.93	70.47	-0.537	74.33	72.28	26.378	101.39	0
"2013-06-10	09:00:00"	1	172.7	8.9	1	10.34	171.9	10.64	18.3	72.33	74.16	-1.829	72.93	68.84	26.393	291.17	0
"2013-06-10	10:00:00"	1	176.5	8.13	1	14.01	175.8	11.04	20.68	75.26	77.96	-2.698	66.97	61.41	26.405	491.65	0
"2013-06-10	11:00:00"	1	178.1	10.33	1	13.63	177.5	13.17	22.47	78.41	81.5	-3.14	59.82	53.68	26.408	680.85	0
"2013-06-10	12:00:00"	1	173.9	11.05	1	13.73	173.3	13.46	22.47	82.3	85.7	-3.405	47.93	42.22	26.402	839.5	0
"2013-06-10	13:00:00"	1	182.8	12.13	1	13.26	184.3	15.88	20.68	86.7	90.1	-3.43	32.2	28.22	26.391	948.28	0
"2013-06-10	14:00:00"	1	177.5	17.03	1	12.23	178.4	20.28	20.09	89.5	93	-3.49	26.07	22.37	26.374	993.86	0
"2013-06-10	15:00:00"	1	168.6	26.2	1	9.68	169	27.42	18.3	91.4	94.3	-2.837	23.3	20.05	26.359	964.57	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-10	16:00:00"	1	157.2	27.32	1	9.11	157.3	27.86	18.89	92.5	95.8	-3.233	22.4	19.09	26.342	929.75	0
"2013-06-10	17:00:00"	1	155.4	30.52	1	9.48	157.2	32.09	18.3	93.4	98.8	-5.421	21.46	17.4	26.324	810.4	0
"2013-06-10	18:00:00"	1	159.9	21.89	1	10.36	160.5	22.94	18.89	93.8	98.4	-4.571	20.23	16.63	26.309	640.98	0
"2013-06-10	19:00:00"	1	157.5	15.27	1	11.35	157.7	15.72	20.09	93.9	97.8	-3.937	19.85	16.56	26.303	442.14	0
"2013-06-10	20:00:00"	1	152.3	12.5	1	12.44	152.4	12.39	19.49	92.6	95	-2.317	21.05	18.32	26.304	232.89	0
"2013-06-10	21:00:00"	1	156.9	10.4	1	10.86	156.3	10.41	19.49	90.4	91.4	-0.977	23.42	21.27	26.314	54.558	0
"2013-06-10	22:00:00"	1	142.5	7.43	1	9.28	143.2	7.505	13.52	86.5	86.8	-0.272	25.84	24.13	26.333	0.23978	0
"2013-06-10	23:00:00"	1	141.5	6.242	1	9.82	142.9	7.135	14.72	83.6	83.7	-0.079	28.85	27.35	26.358	0	0
"2013-06-11	00:00:00"	1	144.6	6.933	1	10.33	145.1	7.512	14.72	81.4	81.7	-0.347	30.27	28.71	26.375	0	0
"2013-06-11	01:00:00"	1	156.8	9.59	1	11.35	156.7	10.17	18.89	79.46	79.82	-0.361	33.87	32.21	26.37	0	0
"2013-06-11	02:00:00"	1	172.7	7.55	1	12.08	172	9.56	18.3	78.17	79.08	-0.907	40.53	38.23	26.37	0	0
"2013-06-11	03:00:00"	1	176	6.834	1	10.69	175.2	9.79	17.7	76.07	76.85	-0.777	46.96	44.65	26.368	0	0
"2013-06-11	04:00:00"	1	173.9	7.253	1	7.161	173.5	9.18	12.33	73.28	74.16	-0.882	52.41	49.98	26.368	0	0
"2013-06-11	05:00:00"	1	177.3	10.57	1	6.727	177.3	13.95	11.14	71.17	72.24	-1.067	57.35	54.81	26.364	0	0
"2013-06-11	06:00:00"	1	170.2	7.29	1	8.57	169.8	9.1	14.12	69.99	71.16	-1.165	62.36	59.81	26.362	0	0
"2013-06-11	07:00:00"	1	165.6	9.31	1	6.904	165.7	10.7	11.74	69.18	70.55	-1.38	66.9	63.97	26.374	3.0956	0
"2013-06-11	08:00:00"	1	166.7	9.29	1	7.597	167	10.08	14.72	69.57	72.22	-2.656	69.64	65.68	26.38	106.3	0
"2013-06-11	09:00:00"	1	170.6	8.09	1	14.31	169.9	9.89	23.66	73.9	77.84	-3.945	62.89	56.89	26.383	300.58	0
"2013-06-11	10:00:00"	1	175.5	7.996	1	15.36	174.8	10.61	23.66	77.23	80	-2.777	55.28	50.07	26.394	502.7	0
"2013-06-11	11:00:00"	1	181.6	11.22	1	12.06	181.5	15.04	20.09	79.8	83.1	-3.331	49.67	43.78	26.395	694.63	0
"2013-06-11	12:00:00"	1	183.7	15.06	1	11.63	183.5	17.71	18.89	82.5	86.9	-4.38	41.93	36.19	26.391	849.54	0
"2013-06-11	13:00:00"	1	184.1	19.88	1	11.17	184.2	22.84	21.28	85.1	89	-3.887	37.08	32.43	26.391	948.41	0
"2013-06-11	14:00:00"	1	165.4	21.63	1	10.69	164.7	22.78	23.66	87.3	91.8	-4.514	32.77	28	26.376	994.33	0
"2013-06-11	15:00:00"	1	158	20.34	1	11.33	159.4	22.09	20.68	89.4	93	-3.618	28.26	24.29	26.358	968.61	0
"2013-06-11	16:00:00"	1	162.7	18.62	1	11.7	163.5	19.85	21.28	91.5	95.1	-3.602	25.04	21.27	26.338	938.14	0
"2013-06-11	17:00:00"	1	156.6	17.79	1	13.01	156.9	18.69	21.87	92.7	96.1	-3.417	23.07	19.54	26.32	824.43	0
"2013-06-11	18:00:00"	1	154	14.84	1	12.99	154.5	15.39	22.47	93.2	96.7	-3.501	22.39	18.94	26.305	651.56	0
"2013-06-11	19:00:00"	1	165.5	13.2	1	13	166	14.19	21.87	92.7	95.4	-2.718	22.45	19.35	26.293	453.33	0
"2013-06-11	20:00:00"	1	158.3	11.99	1	13.7	158.7	12.52	21.87	91.6	93.7	-2.032	23.2	20.48	26.293	242.86	0
"2013-06-11	21:00:00"	1	161.2	10.48	1	12.34	160.7	10.92	19.49	89.5	90.6	-1.166	24.75	22.49	26.312	60.76	0
"2013-06-11	22:00:00"	1	156.9	8.85	1	10.66	156	8.81	17.7	85.9	86.4	-0.531	28.03	26.15	26.333	0.33841	0
"2013-06-11	23:00:00"	1	158.5	9.36	1	11.91	157.3	9.86	21.28	83	83.4	-0.458	34.05	32.28	26.346	0	0
"2013-06-12	00:00:00"	1	169.6	7.644	1	11.55	169	9.53	18.3	80.9	81.7	-0.741	39.39	37.42	26.363	0	0
"2013-06-12	01:00:00"	1	173.1	6.321	1	11.3	172.1	8.62	17.7	78.86	79.58	-0.714	44.09	41.85	26.369	0	0
"2013-06-12	02:00:00"	1	178	6.071	1	10.95	177.1	8.83	15.31	76.81	77.61	-0.803	49.18	46.85	26.364	0	0
"2013-06-12	03:00:00"	1	175.9	6.463	1	11.06	174.9	9.07	17.7	74.52	75.5	-0.979	57.75	55.03	26.362	0	0
"2013-06-12	04:00:00"	1	175.5	6.498	1	11.03	174.5	9.19	16.51	72.12	73.25	-1.132	68.7	65.75	26.361	0	0
"2013-06-12	05:00:00"	1	170.1	8.33	1	10.28	169.6	10.09	16.51	70.27	71.14	-0.867	72.07	69.72	26.359	0	0
"2013-06-12	06:00:00"	1	167.1	10.26	1	9.43	167	11.8	14.12	68.85	69.68	-0.837	74.75	72.41	26.362	0	0
"2013-06-12	07:00:00"	1	175.1	8.44	1	7.661	174.8	11.21	12.93	67.45	68.09	-0.636	78.56	76.4	26.375	3.4917	0
"2013-06-12	08:00:00"	1	171.5	10.17	1	7.351	171.5	11.54	12.93	67.09	68.15	-1.062	80.2	77.65	26.39	98.46	0
"2013-06-12	09:00:00"	1	171	8.92	1	11.04	170.1	11.38	17.1	69.7	71.81	-2.111	75.86	71.57	26.398	288.7	0
"2013-06-12	10:00:00"	1	166.9	10.46	1	12.16	166.6	12	21.28	73.77	76.62	-2.848	66.16	60.62	26.4	497.41	0
"2013-06-12	11:00:00"	1	171.3	10.93	1	13	170.8	12.76	18.89	77.12	80.7	-3.616	58.34	51.71	26.392	692.22	0
"2013-06-12	12:00:00"	1	172.7	10.65	1	12.28	172.5	13.2	18.89	80.2	84.4	-4.26	51.79	44.52	26.392	847.63	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-12	13:00:00"	1	165.4	15.82		1	11.22	165.3	17.94	17.7	83.4	87.1	-3.788	44.63	38.63	26.389	953	0
"2013-06-12	14:00:00"	1	158.3	17.72		1	10.29	159.7	20.15	17.7	86.1	89.7	-3.557	37.89	33.2	26.382	999.59	0
"2013-06-12	15:00:00"	1	156.5	22.31		1	9.96	157.9	23.81	23.66	88.8	92.4	-3.53	33.42	29.12	26.37	961.43	0
"2013-06-12	16:00:00"	1	138.3	27.2		1	9.53	139.1	28.12	17.1	90.7	95.3	-4.556	30.38	25.77	26.352	925.83	0
"2013-06-12	17:00:00"	1	127.5	22.98		1	10.71	129.6	24.1	20.68	91.9	96.1	-4.245	28.9	24.57	26.338	807.4	0
"2013-06-12	18:00:00"	1	124.2	19		1	11.84	126.7	19.53	21.28	92.5	95.9	-3.405	28.18	24.35	26.324	637.59	0
"2013-06-12	19:00:00"	1	132.1	14.84		1	11.5	133.8	15.36	20.68	91.7	94.6	-2.904	29.58	25.98	26.317	439.16	0
"2013-06-12	20:00:00"	1	141	12.69		1	12.84	142.8	12.8	19.49	89.9	92.1	-2.266	33.99	30.69	26.321	227.4	0
"2013-06-12	21:00:00"	1	142	9.51		1	12.73	143.7	10.03	20.68	87	88.5	-1.513	38.6	35.8	26.343	53.481	0
"2013-06-12	22:00:00"	1	145.2	9.07		1	10.38	145.6	9.94	17.1	83.5	84.2	-0.699	43.19	40.75	26.36	0.26017	0
"2013-06-12	23:00:00"	1	144.4	7.815		1	8.57	145.1	8.05	13.52	81.2	81.7	-0.492	46.36	44.21	26.396	0	0
"2013-06-13	00:00:00"	1	147.1	8.37		1	7.748	147.7	9.01	12.33	79.03	79.73	-0.694	50	47.73	26.413	0	0
"2013-06-13	01:00:00"	1	146.8	8.26		1	6.894	147.1	8.48	12.33	77.4	77.96	-0.557	53.4	51.32	26.415	0	0
"2013-06-13	02:00:00"	1	146.3	7.344		1	6.549	145.9	7.891	11.14	75.51	76.04	-0.534	57.52	55.47	26.408	0	0
"2013-06-13	03:00:00"	1	146.4	7.279		1	6.873	146.4	7.446	9.35	74.28	74.84	-0.561	61.07	59.13	26.403	0	0
"2013-06-13	04:00:00"	1	142.1	7.207		1	1.87	142.3	7.493	8.16	73.23	73.71	-0.487	63.81	61.98	26.395	0	0
"2013-06-13	05:00:00"	1	130.6	7.691		1	1	129.4	9.19	1	71.79	72.13	-0.339	67.15	65.49	26.393	0	0
"2013-06-13	06:00:00"	1	115.1	10.78		1	1	110.6	16.48	1	70.72	70.45	0.271	70.03	69.01	26.404	0	0
"2013-06-13	07:00:00"	1	104.9	6.689		1	1	97.8	9.09	1	68.65	68.18	0.468	73.55	72.76	26.42	2.7122	0
"2013-06-13	08:00:00"	1	124.6	10.96		1	4.169	125.3	13.64	12.33	69.46	70.13	-0.672	75.55	73.64	26.431	91.83	0
"2013-06-13	09:00:00"	1	149.1	13.75		1	12.15	149.5	13.63	19.49	71.5	73.68	-2.184	75.54	71.19	26.441	179.25	0
"2013-06-13	10:00:00"	1	152.5	14.77		1	11.08	153.4	15.09	18.89	73.16	75.93	-2.771	72.3	67.05	26.451	330.37	0
"2013-06-13	11:00:00"	1	142.5	13.75		1	11.56	144.7	14.42	18.3	75.51	80	-4.492	66.51	58.34	26.45	679.87	0
"2013-06-13	12:00:00"	1	145.4	16.07		1	11.58	146.9	15.84	18.89	78.03	82.9	-4.883	60.75	52.29	26.446	818.88	0
"2013-06-13	13:00:00"	1	149.3	18.44		1	11.5	150.4	18.75	20.09	81	85.8	-4.808	53.93	46.11	26.439	794.31	0
"2013-06-13	14:00:00"	1	141.4	19.52		1	12.1	143.6	19.58	23.66	83.9	89.6	-5.651	47.55	39.48	26.419	869	0
"2013-06-13	15:00:00"	1	132.8	18.41		1	13.06	135.3	19.07	23.66	85.8	90.6	-4.837	42.66	36.39	26.392	725.25	0
"2013-06-13	16:00:00"	1	128.5	16.66		1	13.46	130.8	18.17	21.87	87.6	92.1	-4.494	38.14	32.98	26.364	864.32	0
"2013-06-13	17:00:00"	1	132.2	19.7		1	12.52	134.2	19.88	22.47	88.6	92.8	-4.228	35.89	31.04	26.345	627.61	0
"2013-06-13	18:00:00"	1	138.3	17.39		1	13.55	140.5	17.32	22.47	89	92.6	-3.582	34.83	30.5	26.329	591.86	0
"2013-06-13	19:00:00"	1	148.7	15.7		1	11.59	149.8	16.29	18.89	86.7	89	-2.305	39.72	39.13	26.314	285.44	0.03
"2013-06-13	20:00:00"	1	152.8	11.03		1	12.92	152.7	11.12	22.47	86.6	87.6	-0.997	37.27	35.96	26.312	146.58	0
"2013-06-13	21:00:00"	1	122	19.39		1	11.17	124.1	19.45	20.68	84.2	85.7	-1.542	40.6	38.06	26.329	60.883	0
"2013-06-13	22:00:00"	1	112.3	9.08		1	9.6	113.8	11.51	34.4	82.3	83.1	-0.725	44.78	42.9	26.34	0.22439	0
"2013-06-13	23:00:00"	1	142.6	9.43		1	21.43	144.4	9.8	38.57	72.5	74.91	-2.407	70.07	64.93	26.386	0.00239	0
"2013-06-14	00:00:00"	1	158.8	16.9		1	12.54	160	17.77	23.07	69.82	71.46	-1.64	80.3	77.45	26.421	0.21874	0.04
"2013-06-14	01:00:00"	1	209.9	15.56		1	8.81	210.8	17	15.91	68.18	69.66	-1.483	87.1	83.8	26.381	0.6935	0
"2013-06-14	02:00:00"	1	158.9	31.5		1	6.324	160.4	32.65	11.74	68.01	68.99	-0.98	87.8	85.9	26.404	0.73224	0
"2013-06-14	03:00:00"	1	154.3	14.14		1	7.734	154.5	14.44	12.93	68.59	69.47	-0.879	86.4	85.6	26.402	0.44056	0
"2013-06-14	04:00:00"	1	171.6	7.212		1	5.696	172.1	9.16	8.75	67.89	68.76	-0.875	87.8	86	26.37	0	0
"2013-06-14	05:00:00"	1	153.3	23.94		1	4.057	153.5	25.51	6.964	67.47	68.18	-0.705	88.9	87.3	26.364	0	0
"2013-06-14	06:00:00"	1	139.2	9.03		1	5.992	140.1	9.99	9.35	67.63	68.45	-0.816	89	87.6	26.372	0	0
"2013-06-14	07:00:00"	1	146.2	11.92		1	4.651	147.2	12.4	8.16	67.8	68.45	-0.651	89	87.6	26.379	1.483	0
"2013-06-14	08:00:00"	1	115.8	9.74		1	3.824	116.3	12.02	7.561	67.99	68.81	-0.818	89.6	88.1	26.387	38.744	0
"2013-06-14	09:00:00"	1	116	11.04		1	5.073	117.5	13.34	10.54	68.82	69.9	-1.078	87.6	86.9	26.391	116.46	0

WCS Meteorological Data
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ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-06-14	10:00:00"	1	128.9	10.19	1	7.572	131	11.91	11.74	70.04	72.13	-2.09	81.9	79.84	26.401	235.07	0
"2013-06-14	11:00:00"	1	139.8	12.03	1	8.54	141	12.9	14.12	70.87	73.06	-2.189	77.63	74.05	26.402	257.87	0
"2013-06-14	12:00:00"	1	143.2	13.32	1	10.25	144.8	13.59	18.3	72.68	75.67	-2.991	70.39	65.17	26.395	443.26	0
"2013-06-14	13:00:00"	1	125.1	9.78	1	10.34	128.6	12.5	17.1	72.12	76.3	-4.178	71.62	64.11	26.394	516.39	0
"2013-06-14	14:00:00"	1	131.4	19.72	1	10.65	133	20.04	21.28	73.04	77.09	-4.052	70.1	62.64	26.382	418.82	0
"2013-06-14	15:00:00"	1	135.6	9.85	1	13.72	138	10.97	21.28	72.95	77.16	-4.214	70.72	63.33	26.367	615.25	0
"2013-06-14	16:00:00"	1	138	11.88	1	13.9	139.5	12.27	20.09	75.09	79.4	-4.313	65.23	57.61	26.346	554.98	0
"2013-06-14	17:00:00"	1	143.5	14.12	1	12.4	145.2	14.14	20.68	77.19	82	-4.842	58.02	50.08	26.332	755.94	0
"2013-06-14	18:00:00"	1	143.5	12.78	1	13.06	145.2	13.47	21.28	78.17	82.4	-4.274	56.36	49.12	26.318	514.12	0
"2013-06-14	19:00:00"	1	149.8	10.77	1	11.8	151	11.01	18.89	78.17	80.8	-2.605	55.19	50.27	26.303	179.45	0
"2013-06-14	20:00:00"	1	137.3	10.07	1	10.37	139	10.76	18.3	78.13	79.99	-1.861	56.38	52.45	26.309	103.03	0
"2013-06-14	21:00:00"	1	152.9	16.06	1	10.24	154.3	15.97	17.1	76.95	78.6	-1.646	59.95	56.46	26.325	13.264	0
"2013-06-14	22:00:00"	1	132.3	8.36	1	11.82	134.8	9.44	19.49	73.97	75.62	-1.651	67.88	64.24	26.343	0.21226	0
"2013-06-14	23:00:00"	1	142.7	8.66	1	11.76	144.6	8.84	18.3	72.74	74.11	-1.371	69.13	66.04	26.37	0	0
"2013-06-15	00:00:00"	1	153.6	10.46	1	10.98	153.6	10.33	17.7	70.51	71.98	-1.466	74.93	71.41	26.383	0	0
"2013-06-15	01:00:00"	1	170.4	16.62	1	7.505	170.7	18.68	13.52	69.42	70.28	-0.855	77.69	75.19	26.405	0	0
"2013-06-15	02:00:00"	1	162.5	48.36	1	8.66	163.6	47.86	17.7	68.27	69.87	-1.606	82.1	78.57	26.387	0.13222	0.14
"2013-06-15	03:00:00"	1	119.1	25.47	1	7.037	122.8	26.79	18.3	67.12	68.1	-0.982	86.2	84.1	26.356	0.0389	0
"2013-06-15	04:00:00"	1	178	81.4	1	3.238	187.4	83	5.771	67.04	67.3	-0.262	87.2	86.7	26.37	0.11498	0
"2013-06-15	05:00:00"	1	163.8	13.25	1	3.914	166.8	14.9	6.964	66.72	66.99	-0.277	87.2	86.7	26.355	0.48944	0
"2013-06-15	06:00:00"	1	156.7	11.08	1	4.75	159.9	11.93	10.54	66.16	66.7	-0.539	88.3	87.2	26.35	0.6899	0.01
"2013-06-15	07:00:00"	1	170.7	15.45	1	6.135	174.5	18.82	11.14	65.6	66.41	-0.81	89.3	87.7	26.362	2.2932	0
"2013-06-15	08:00:00"	1	172.7	9.7	1	5.202	175.2	12.56	10.54	65.94	66.99	-1.053	90	88.2	26.384	40.574	0
"2013-06-15	09:00:00"	1	153.7	18.52	1	3.939	156.8	19.41	6.368	66.83	67.99	-1.159	89.5	88	26.406	134.42	0
"2013-06-15	10:00:00"	1	193.8	28.28	1	4.414	196	32.63	8.75	68.78	70.86	-2.074	84.6	82.7	26.411	252.54	0
"2013-06-15	11:00:00"	1	150.9	20	1	5.96	152	21.35	9.95	70.86	73.15	-2.293	76.98	74.35	26.409	502.8	0
"2013-06-15	12:00:00"	1	136.3	36.05	1	3.804	139.9	39.28	11.14	73.32	75.62	-2.294	67.55	64.47	26.406	781.81	0
"2013-06-15	13:00:00"	1	142.5	32.71	1	4.805	146.2	33.76	12.93	76.16	79.56	-3.397	60.18	55.2	26.399	922.56	0
"2013-06-15	14:00:00"	1	138.4	47.36	1	4.76	142	54.4	11.14	78.97	82.1	-3.15	54.75	49.58	26.38	938.98	0
"2013-06-15	15:00:00"	1	148.8	50.54	1	4.99	158.4	52.28	11.14	82.2	84.7	-2.468	46.84	42.59	26.356	938.57	0
"2013-06-15	16:00:00"	1	169.4	47.74	1	3.961	176.6	51.96	11.14	84.8	87.3	-2.472	40.76	37.24	26.332	905.09	0
"2013-06-15	17:00:00"	1	167	44.8	1	1.179	166.6	49.4	11.74	86.8	91.1	-4.233	37.34	32.84	26.314	793.75	0
"2013-06-15	18:00:00"	1	183.1	59.7	1	1.006	184.3	63.2	4.578	88.1	93	-4.959	35	30.22	26.299	603.07	0
"2013-06-15	19:00:00"	1	157.9	23.97	1	4.328	157.4	28.19	11.14	88.2	91.4	-3.275	34.69	31.12	26.291	220.91	0
"2013-06-15	20:00:00"	1	143.8	16.73	1	7.252	145.6	17.46	12.33	87.9	89.9	-2.033	34.68	32.17	26.289	171.39	0
"2013-06-15	21:00:00"	1	132.8	7.63	1	7.679	134.9	9.07	12.33	86.9	89.4	-2.5	35.94	33.13	26.297	73.128	0
"2013-06-15	22:00:00"	1	130.2	6.911	1	5.183	130.6	8.24	8.16	83.4	84.3	-0.939	41.79	40.18	26.31	0.5711	0
"2013-06-15	23:00:00"	1	134.8	7.567	1	8.09	136	8.69	13.52	81	82.1	-1.106	48.02	46.12	26.33	0	0
"2013-06-16	00:00:00"	1	170.1	9.05	1	9.7	168.9	10.68	14.12	78.68	80.3	-1.605	57.64	54.6	26.349	0	0
"2013-06-16	01:00:00"	1	171.6	6.768	1	9.22	171.2	8.87	14.12	76.09	77.55	-1.457	64.56	61.79	26.353	0	0
"2013-06-16	02:00:00"	1	172.5	6.414	1	9.1	172.2	8.79	14.12	74.35	75.7	-1.354	68.19	65.51	26.354	0	0
"2013-06-16	03:00:00"	1	175.2	6.173	1	7.776	173.8	8.81	11.74	72.56	73.76	-1.193	73.4	70.79	26.352	0	0
"2013-06-16	04:00:00"	1	179.8	9.16	1	6.215	180.3	12.12	10.54	70.79	71.93	-1.141	79.24	76.33	26.344	0	0
"2013-06-16	05:00:00"	1	152.2	25.48	1	5.056	151.8	26.33	8.75	69.11	70.14	-1.029	85.7	82.6	26.342	0	0
"2013-06-16	06:00:00"	1	293.1	84	1	1.621	330.5	79.48	6.368	67.7	68.24	-0.537	88.7	86.2	26.378	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-16	07:00:00"	1	145.4	48.83	1	1.3	139.7	52.66	6.368	68.59	69.29	-0.695	89.2	87.7	26.388	2.3031	0
"2013-06-16	08:00:00"	1	85.5	20.6	1	1	80.5	20.1	1	67.3	68.09	-0.794	89.9	87.8	26.389	75.174	0
"2013-06-16	09:00:00"	1	161	20.45	1	6.413	161	20.91	12.93	69.94	71.97	-2.034	87.5	84.9	26.387	263.63	0
"2013-06-16	10:00:00"	1	168.5	12.14	1	9.09	167.9	13.85	13.52	74.25	77.28	-3.03	75.92	70.51	26.391	471.63	0
"2013-06-16	11:00:00"	1.001	162.6	22.44	1.596	6.1	163	24.17	12.33	78.03	81	-3.011	65.27	59.53	26.403	659.27	0
"2013-06-16	12:00:00"	1	169.2	24.39	1	6.346	170.8	26.51	14.12	81.3	83.9	-2.6	57.32	52.3	26.399	811.14	0
"2013-06-16	13:00:00"	1	163	21.02	1	7.409	163.5	24.33	13.52	84.3	88.8	-4.454	48.86	42.24	26.394	915.23	0
"2013-06-16	14:00:00"	1	153	30.88	1	7.467	153.3	30.74	15.91	86.9	93.7	-6.793	43.3	35.59	26.382	961.61	0
"2013-06-16	15:00:00"	1	135.6	37.83	1	7.833	136.3	38.35	17.1	88.9	92.5	-3.517	38.66	34.19	26.369	947.24	0
"2013-06-16	16:00:00"	1	144.6	39.37	1	7.901	146.3	41.15	16.51	90.4	93.7	-3.383	36.18	31.93	26.346	902.04	0
"2013-06-16	17:00:00"	1	127.9	29.99	1	7.137	131.1	33.97	15.91	91.3	94.6	-3.323	33.78	29.89	26.329	490.79	0
"2013-06-16	18:00:00"	1	119.4	16.72	1	6.31	121.3	17.63	11.14	91	93.3	-2.29	33.42	30.5	26.319	56.709	0
"2013-06-16	19:00:00"	1	147.7	15.19	1	8.3	149.1	14.59	15.31	90.8	92.8	-1.957	33.18	30.71	26.309	29.514	0
"2013-06-16	20:00:00"	1	161	15.48	1	10.97	161.2	15.48	21.28	89.8	91.6	-1.816	35.74	33.29	26.312	33.603	0
"2013-06-16	21:00:00"	1	208.5	14.56	1	11.62	209	16	21.87	82.4	85.6	-3.142	45.68	40.47	26.322	46.342	0
"2013-06-16	22:00:00"	1	213.3	20.07	1	6.709	215.6	23.17	13.52	80.5	81.7	-1.267	49.47	46.63	26.314	1.6883	0
"2013-06-16	23:00:00"	1	193.3	95.9	1	3.311	80.6	103	8.16	78.34	78.15	0.191	53.08	52.66	26.315	0	0
"2013-06-17	00:00:00"	1	151.3	19.92	1	3.212	149.1	23.97	8.16	77.49	76.84	0.653	55.19	55.06	26.331	0	0
"2013-06-17	01:00:00"	1	194.3	19.56	1	3.53	196.3	24.98	8.16	76.67	76.8	-0.128	55.97	54.58	26.353	0	0
"2013-06-17	02:00:00"	1	103.9	83.7	1	2.874	107.5	81.4	19.49	76	76.03	-0.029	59.91	58.72	26.369	0	0
"2013-06-17	03:00:00"	1	171.6	42.48	1	7.982	173.2	45.25	16.51	75.27	76.44	-1.17	71.66	68.75	26.336	0	0
"2013-06-17	04:00:00"	1.008	258.1	16.57	5.175	13.46	262.1	19.15	24.86	75.38	76.64	-1.258	67.62	65.43	26.361	0	0
"2013-06-17	05:00:00"	1	298.6	17.46	1	8.58	302.1	18.12	21.28	74.01	74.69	-0.675	60.1	60.05	26.342	0	0
"2013-06-17	06:00:00"	1.007	25.21	65.85	6.368	4.565	34.43	70.29	12.93	78.3	76.13	2.172	41.78	45.05	26.293	0	0
"2013-06-17	07:00:00"	1	139.5	17.92	1	7.982	141.8	18.67	18.3	72.38	74.15	-1.769	72.64	68.06	26.305	1.4608	0
"2013-06-17	08:00:00"	1	205.1	39.65	1	3.974	209	39.72	11.74	70.25	71.9	-1.652	85.1	81.2	26.337	67.099	0
"2013-06-17	09:00:00"	1	230.1	47.87	1	2.767	235.1	50.31	8.75	71.2	72.85	-1.645	85.5	82.2	26.374	97.161	0
"2013-06-17	10:00:00"	1	161.6	30.55	1	3.029	162.9	35.32	7.561	73.2	75.73	-2.524	79.83	75.27	26.385	318.56	0
"2013-06-17	11:00:00"	1	169.2	78.59	1	2.219	177	82.1	6.964	76.59	78.97	-2.378	70.86	66.01	26.382	666.47	0
"2013-06-17	12:00:00"	1	147.9	68.4	1	3.347	147.4	66.14	14.12	81.7	83.7	-2.041	56.16	52.04	26.376	807.9	0
"2013-06-17	13:00:00"	1	142.2	29.24	1	6.812	145.7	34.29	14.72	85.3	88.4	-3.09	48.06	42.64	26.374	908.9	0
"2013-06-17	14:00:00"	1	137.7	27.2	1	7.618	139.4	29.88	16.51	87.4	90.8	-3.408	42.26	37.22	26.364	956.06	0
"2013-06-17	15:00:00"	1	137.4	33.45	1	8.31	138.6	34.65	17.7	89.4	92.3	-2.947	38.68	34.59	26.342	854.53	0
"2013-06-17	16:00:00"	1	137.7	28.6	1	8.22	138.9	29.76	17.1	91	94.9	-3.837	35.81	31.38	26.314	788.12	0
"2013-06-17	17:00:00"	1	165.7	27.67	1	8.19	165.9	28.86	16.51	92.3	98.1	-5.833	32.63	27.31	26.299	616.18	0
"2013-06-17	18:00:00"	1	151.8	21.3	1	8.82	152.5	21.29	18.89	92.3	95.9	-3.59	31.4	27.64	26.279	238.09	0
"2013-06-17	19:00:00"	1	164	15.32	1	9.95	164.4	16.23	16.51	91.8	94.7	-2.863	31.28	28.26	26.258	100.88	0
"2013-06-17	20:00:00"	1	186.4	69.95	1	11.83	189.6	71.64	26.05	77.22	79.65	-2.43	56.01	53.25	26.287	3.8002	1.01
"2013-06-17	21:00:00"	1	95.6	37	1	11	98.8	38.84	20.68	71.16	72.33	-1.167	72.95	71.24	26.341	9.0362	0
"2013-06-17	22:00:00"	1	88.9	48.01	1	5.826	88.8	49.43	15.31	71.22	72.04	-0.825	73.62	73.5	26.343	1.1784	0
"2013-06-17	23:00:00"	1	35.05	13.6	1	11.04	37.35	16.42	26.05	70.32	72.05	-1.729	76.18	74.89	26.366	0	0
"2013-06-18	00:00:00"	1	60.77	14.09	1	11.83	63.43	15.43	18.3	68.93	69.8	-0.871	78.35	76.55	26.395	0	0
"2013-06-18	01:00:00"	1	66.35	9.63	1	12.04	68.9	10.9	21.87	67.68	68.93	-1.254	79.11	78.32	26.416	0	0
"2013-06-18	02:00:00"	1	63.43	9	1	14.75	67.2	10.7	29.03	66.16	68.97	-2.819	77.66	72.75	26.431	0	0
"2013-06-18	03:00:00"	1	71.33	9.43	1	11.48	73.79	10.65	18.3	65.79	67.74	-1.948	79.08	76.26	26.44	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-06-18	04:00:00"	1	107.7	15.37	1	10.6	110.2	16.61	16.51	64.94	67.24	-2.291	80.7	76.72	26.409	0	0
"2013-06-18	05:00:00"	1	136.1	58.57	1	4.451	139.3	62.24	12.33	64.82	65.5	-0.679	83.9	82.1	26.42	0	0.01
"2013-06-18	06:00:00"	1	174.3	76.55	1	2.578	178.7	74.45	6.964	64.63	64.92	-0.293	84.7	84.9	26.414	0	0
"2013-06-18	07:00:00"	1	215.6	34.44	1	3.529	222.3	37.2	8.75	64.6	65.24	-0.637	85.3	84.3	26.428	0.57607	0
"2013-06-18	08:00:00"	1	10.42	48.9	1	8.9	13.63	48.79	17.7	64.82	65.44	-0.619	85.9	85.3	26.475	22.054	0
"2013-06-18	09:00:00"	1	35.68	7.175	1	10.79	38.54	9.58	15.91	65.44	66.82	-1.385	83.5	82.1	26.477	237.92	0
"2013-06-18	10:00:00"	1	38.69	9.17	1	9.66	41.11	11.61	15.91	67.42	69.45	-2.031	77.06	74.7	26.466	461.97	0
"2013-06-18	11:00:00"	1	34.93	24.13	1	3.381	33.41	31.01	7.561	70.95	72.88	-1.928	67.07	64.4	26.458	657.1	0
"2013-06-18	12:00:00"	1	346.6	93.1	1	2.43	347.5	90	8.16	75.41	76.82	-1.413	57.42	55.5	26.451	812.82	0
"2013-06-18	13:00:00"	1	182	54.16	1	2.771	183.4	56.37	8.75	78.79	80.2	-1.424	47.58	45.6	26.437	918.76	0
"2013-06-18	14:00:00"	1	152.6	39.82	1	5.161	155	41.73	12.93	81.3	83.2	-1.983	42.88	39.9	26.417	964.06	0
"2013-06-18	15:00:00"	1	172.4	41.14	1	4.777	172.8	41.71	14.12	82.6	85.9	-3.339	39.84	36.21	26.401	944.64	0
"2013-06-18	16:00:00"	1	169.6	53.47	1	5.759	170.2	57.82	14.72	83.9	86.1	-2.225	38.24	35.28	26.382	909.35	0
"2013-06-18	17:00:00"	1	121.9	29.25	1	6.722	122.5	33.75	14.12	84.6	87.4	-2.814	38.07	34.53	26.366	791.72	0
"2013-06-18	18:00:00"	1	132.4	17.54	1	8.39	133.3	19.34	17.1	85.2	88.3	-3.167	40.61	36.38	26.348	609.33	0
"2013-06-18	19:00:00"	1	133.7	20.22	1	9.33	136.1	20.93	17.7	85.8	88.9	-3.148	39.77	35.92	26.326	423.5	0
"2013-06-18	20:00:00"	1	139.6	13.67	1	9.3	141.6	14.55	14.72	86.1	88.2	-2.069	36.97	34.27	26.316	222.64	0
"2013-06-18	21:00:00"	1	129.8	9.65	1	8.58	131.9	10.71	15.31	85.5	86.6	-1.145	38.25	36.31	26.317	57.74	0
"2013-06-18	22:00:00"	1	99.7	6.913	1	10.46	101.3	8.24	15.91	80.4	81.8	-1.43	50.07	47.05	26.321	0.57208	0
"2013-06-18	23:00:00"	1	99.7	6.711	1	10.94	101.2	8.26	15.91	77.55	78.54	-0.995	54.69	52.4	26.324	0	0
"2013-06-19	00:00:00"	1	99.3	6.75	1	10.28	101.2	8.1	15.91	75.91	76.86	-0.949	57.84	55.65	26.331	0	0
"2013-06-19	01:00:00"	1	104	7.623	1	9.98	105.4	9.05	14.72	75.06	75.94	-0.884	59.53	57.62	26.336	0	0
"2013-06-19	02:00:00"	1	113.1	7.646	1	9.13	114.4	9.87	14.72	74.25	75.15	-0.901	60.32	58.51	26.33	0	0
"2013-06-19	03:00:00"	1	126.8	6.854	1	9.62	128.8	9.17	15.31	73.48	74.54	-1.059	62.74	60.83	26.319	0	0
"2013-06-19	04:00:00"	1	122.5	7.538	1	8.31	124.5	10.19	12.93	72.45	73.56	-1.111	66.41	64.28	26.311	0	0
"2013-06-19	05:00:00"	1	127.9	7.397	1	7.083	129.9	9.15	11.14	71.22	72.3	-1.082	69.92	67.95	26.307	0	0
"2013-06-19	06:00:00"	1	124.6	8.05	1	5.667	125.4	9.98	11.14	69.88	70.35	-0.475	74.07	72.63	26.303	0	0
"2013-06-19	07:00:00"	1	115.5	8.73	1	2.2	110.6	11.32	5.175	68.33	68.19	0.138	78.42	78.08	26.316	2.7349	0
"2013-06-19	08:00:00"	1	114.7	11.16	1	3.719	112.1	15.64	7.561	68.07	68.37	-0.297	82.3	81.5	26.323	77.425	0
"2013-06-19	09:00:00"	1	159.3	11.31	1	10.65	158.6	11.42	21.87	72.14	73.86	-1.721	80.6	78.01	26.326	231.23	0
"2013-06-19	10:00:00"	1	169.4	10.19	1	13.03	168.5	11.78	20.09	75.28	78.03	-2.749	71.77	67.14	26.326	431.41	0
"2013-06-19	11:00:00"	1	176.5	8.65	1	12	176.3	11.38	18.89	78.74	82.4	-3.703	61.7	55.87	26.317	611.48	0
"2013-06-19	12:00:00"	1	184.2	11.31	1	11.27	184.5	14.99	18.89	83.1	86.1	-2.996	51.73	46.67	26.312	774.29	0
"2013-06-19	13:00:00"	1	174.3	15.76	1	10.71	173.2	17.51	19.49	86.4	89.4	-3.019	45.36	40.5	26.308	883.28	0
"2013-06-19	14:00:00"	1	159.2	18.61	1	11.21	159.3	19.4	20.09	89.3	93.3	-4.031	39.37	34.78	26.294	920.01	0
"2013-06-19	15:00:00"	1	160.7	15.13	1	12.1	160.6	15.91	29.03	91.8	95.1	-3.32	34.98	31.04	26.268	902.61	0
"2013-06-19	16:00:00"	1	162	15.46	1	11.36	161.6	16.08	23.07	93.2	95.1	-1.963	31.01	28.17	26.244	432.12	0
"2013-06-19	17:00:00"	1	175	9.68	1	13.27	174.8	12.32	20.68	92.7	93.7	-0.907	29.83	27.9	26.233	73.544	0
"2013-06-19	18:00:00"	1	189.2	29.94	1	16.13	188.3	32.93	32.01	91.9	92.3	-0.412	27.59	26.07	26.238	14.699	0.02
"2013-06-19	19:00:00"	1	206.9	29.46	1	14.54	209.6	32.68	32.61	87.3	88.1	-0.805	26.59	26.34	26.228	20.453	0
"2013-06-19	20:00:00"	1	182.8	18.15	1	15.28	182.6	20.12	26.65	84	84.6	-0.631	36.82	35.54	26.225	11.796	0
"2013-06-19	21:00:00"	1	157.5	11.4	1	18.14	157.3	11.8	33.8	85.7	86.5	-0.73	39.99	38.44	26.239	78.58	0
"2013-06-19	22:00:00"	1	155.5	9.95	1	20.1	155.5	9.92	33.8	84.3	85.7	-1.399	42.04	39.36	26.267	2.752	0
"2013-06-19	23:00:00"	1	142.6	9.2	1	17.98	144.4	9.76	29.63	82.5	84	-1.49	47.54	44.69	26.314	0	0
"2013-06-20	00:00:00"	1	127	11.19	1	14.77	130.1	12.38	27.84	80.6	82.1	-1.455	51.73	48.92	26.342	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-20	01:00:00"	1	121.5	7.418	1	11.76	124.5	10.15	18.89	78.68	79.96	-1.275	52.72	50.22	26.338	0
"2013-06-20	02:00:00"	1	126.8	9.73	1	8.77	129.7	11.25	14.12	76.48	77.59	-1.103	56.33	54.23	26.319	0
"2013-06-20	03:00:00"	1	179.9	20.75	1	8.44	181.4	21.37	14.72	74.4	75.91	-1.513	60.07	57.34	26.331	0
"2013-06-20	04:00:00"	1	189.3	14.9	1	8.3	190.5	17.88	12.93	73.64	74.75	-1.117	65.07	62.67	26.334	0
"2013-06-20	05:00:00"	1	264.8	91.6	1	3.686	286.9	93.6	8.16	73.31	73.17	0.141	69.06	68.76	26.329	0
"2013-06-20	06:00:00"	1	157	21.33	1	5.156	151.9	27.29	9.95	73.59	73.3	0.288	67.01	67.77	26.297	0
"2013-06-20	07:00:00"	1	187.8	9.98	1	7.87	190.7	14.01	12.33	72.53	73.15	-0.613	67.2	65.91	26.288	2.5485
"2013-06-20	08:00:00"	1	199.1	11.62	1	6.939	201.8	12.99	11.74	71.81	72.5	-0.693	66.89	65.42	26.293	41.608
"2013-06-20	09:00:00"	1.001	201.9	35.21	1.596	9.61	190.9	15.52	17.1	74.81	75.99	-1.183	59.74	57.58	26.305	248.78
"2013-06-20	10:00:00"	1.12	235.6	10.6	18.89	12.59	178.3	10.88	17.7	75.02	74.21	0.816	54.48	52.45	26.323	234.82
"2013-06-20	11:00:00"	12.98	186	25.25	23.07	10.66	173.1	32.96	21.28	80.6	81.5	-0.94	50.32	47.68	26.331	611.43
"2013-06-20	12:00:00"	16.41	176.3	9.6	24.26	12.77	173.1	13.07	21.87	83.4	85.4	-1.982	46.62	42.58	26.338	842.43
"2013-06-20	13:00:00"	16.84	168.8	12.28	25.45	13.81	166.7	13.52	21.28	86.6	88.7	-2.12	40.7	37.09	26.339	914.23
"2013-06-20	14:00:00"	17.95	169.3	13.93	27.24	14.71	166.9	15.06	23.66	91	93	-2.058	32.17	29.15	26.322	927.43
"2013-06-20	15:00:00"	18.99	172	13.03	32.01	15.48	169.6	14.98	26.05	93.4	95.4	-1.996	27.58	24.78	26.302	934.77
"2013-06-20	16:00:00"	19.69	166	13.27	31.42	16.15	163.8	14.54	29.63	94.8	96.7	-1.909	23.29	20.65	26.281	910.73
"2013-06-20	17:00:00"	19.25	168.5	12.17	32.61	15.8	166	13.77	28.43	95.3	97.1	-1.815	22.89	20.33	26.261	787.72
"2013-06-20	18:00:00"	18.86	166.9	10.76	28.43	15.51	164	12.41	24.86	94.4	95.2	-0.818	22.71	20.64	26.245	262.25
"2013-06-20	19:00:00"	19.6	163.2	10.36	29.03	16.06	160.3	11.42	25.45	91.9	91.9	-0.009	24.07	22.39	26.248	71.478
"2013-06-20	20:00:00"	17.39	167.4	9.62	26.65	13.98	165.1	11.16	24.86	89.5	89.2	0.267	27.11	25.66	26.293	8.1732
"2013-06-20	21:00:00"	13.59	168.8	9.14	20.68	10.92	166.7	10.82	17.7	87.5	87.3	0.231	30.91	29.56	26.319	1.9999
"2013-06-20	22:00:00"	13.24	174.6	9.27	25.45	10.6	172.2	11.76	22.47	85.7	85.5	0.237	33.97	32.76	26.344	0.01571
"2013-06-20	23:00:00"	22.85	161.4	11.93	36.78	18.68	159.1	12.88	32.01	83.5	83.3	0.191	40.77	39.43	26.33	0
"2013-06-21	00:00:00"	26.48	174	8.75	45.73	21.78	171.4	11.18	38.57	81.9	81.1	0.745	50.84	50.14	26.36	0
"2013-06-21	01:00:00"	9.35	251.2	60.36	29.03	7.373	257.5	61.1	25.45	76.16	75.82	0.336	54.66	54.65	26.43	0
"2013-06-21	02:00:00"	7.805	110.9	38.76	15.91	5.931	109.6	41.68	11.74	74.7	74.3	0.402	58.26	59.3	26.409	0
"2013-06-21	03:00:00"	6.88	65.91	39.44	14.12	5.157	63.76	43.58	11.74	74.12	73.66	0.463	58.22	58.42	26.401	0
"2013-06-21	04:00:00"	10.17	131.1	19.12	15.91	7.783	130.6	19.29	15.31	73.5	73.27	0.223	62.04	61.42	26.357	0
"2013-06-21	05:00:00"	6.637	130.9	22.78	11.74	4.948	127.6	26.29	9.35	73.57	73.23	0.331	66.37	65.78	26.361	0
"2013-06-21	06:00:00"	7.215	165.5	9.9	11.74	5.687	162.9	11.34	9.35	73.23	72.99	0.234	70.55	69.9	26.357	0
"2013-06-21	07:00:00"	7.758	163	10.26	12.33	6.115	160.5	10.86	10.54	72.25	72.01	0.242	72.59	72.02	26.358	0.95321
"2013-06-21	08:00:00"	9.14	163.2	10.25	14.72	7.487	160.5	11.75	12.33	71.88	71.87	0.011	74.49	73.49	26.371	71.427
"2013-06-21	09:00:00"	15.3	166.6	9.72	23.66	12.39	164.2	10.95	23.07	73.72	73.98	-0.266	72.1	70.41	26.379	247.31
"2013-06-21	10:00:00"	18.26	172.2	8.92	24.86	14.77	169.7	10.44	21.28	75.63	76.17	-0.538	67.02	64.69	26.385	448.4
"2013-06-21	11:00:00"	18.57	174.1	8.19	25.45	15	171.6	10.46	21.28	78.02	79.07	-1.049	61.32	58.14	26.383	637.35
"2013-06-21	12:00:00"	16.39	173.8	9.9	24.26	13.29	171.1	12.11	19.49	81	82.5	-1.471	55.29	51.56	26.381	797.03
"2013-06-21	13:00:00"	14.85	178.1	13.23	24.26	12.03	176.6	16.71	20.09	84.2	86	-1.814	48.16	44.1	26.374	904.36
"2013-06-21	14:00:00"	16.28	176.1	12.66	24.26	13.31	174	14.88	20.68	87.2	89.3	-2.091	40.62	36.92	26.35	953.02
"2013-06-21	15:00:00"	15.73	178.9	15.53	26.65	12.71	176.7	18.13	21.28	89.8	91.2	-1.35	35.27	32.55	26.329	714.76
"2013-06-21	16:00:00"	14.17	180.9	16.38	23.66	11.58	178.8	19.13	20.68	91.5	93.2	-1.692	31.71	28.9	26.313	838.8
"2013-06-21	17:00:00"	14.42	172.2	14.75	27.24	11.85	169.7	17.6	22.47	93	94.6	-1.56	30.15	27.45	26.292	786.55
"2013-06-21	18:00:00"	15.86	170.3	14.38	23.66	12.96	168.6	16.52	20.09	93.6	95	-1.347	29.21	26.67	26.268	607.87
"2013-06-21	19:00:00"	16.08	160.5	12.12	26.05	13.22	158.5	13.04	23.07	93.9	94.8	-0.923	28.86	26.6	26.249	429.49
"2013-06-21	20:00:00"	21.7	149.6	13.1	33.21	17.68	147.9	13.03	27.24	91.2	91.7	-0.479	34.43	32.41	26.256	124.24
"2013-06-21	21:00:00"	24.65	164.8	11.01	36.78	20.13	162.4	11.86	30.82	86.2	86.3	-0.141	41.39	39.63	26.261	45.923

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-21	22:00:00"	14.92	150.6	18.2	33.21	11.89	148.8	19.28	30.22	80.2	79.74	0.41	55.17	56.21	26.297	0.1063	0.02
"2013-06-21	23:00:00"	18.84	146.6	10.02	30.22	15.11	145	10.19	23.66	78.99	78.39	0.6	54.84	55.58	26.314	0	0
"2013-06-22	00:00:00"	13.99	131.4	30.96	28.43	11.2	130.7	29.83	23.07	78.36	77.94	0.429	54.35	54.31	26.361	0	0
"2013-06-22	01:00:00"	16.38	145.7	11.23	26.05	13.18	144.2	11.19	22.47	77.85	77.59	0.255	54.82	54.19	26.382	0	0
"2013-06-22	02:00:00"	18.78	161.1	12.27	33.8	15.29	159.9	13.18	27.84	77.47	77.31	0.154	54.06	53.17	26.347	0	0
"2013-06-22	03:00:00"	25.3	172.1	7.367	37.38	20.32	170.4	9.61	32.61	76.68	76.42	0.258	52.88	52.01	26.29	0	0
"2013-06-22	04:00:00"	15.26	168.2	9.85	23.07	12.23	165.6	11.25	18.89	75.34	75.07	0.271	51.93	51.05	26.303	0	0
"2013-06-22	05:00:00"	14.63	177.2	7.465	19.49	11.5	175	10.25	16.51	74.41	74.09	0.32	51.85	51.04	26.299	0	0
"2013-06-22	06:00:00"	13.34	183.2	8.29	20.68	10.43	182.5	12.04	17.1	73.11	72.8	0.307	53.98	53.19	26.296	0	0
"2013-06-22	07:00:00"	10.88	186.1	10.97	18.3	8.39	186.2	14.26	15.31	71.96	71.68	0.287	56.52	55.75	26.312	2.8419	0
"2013-06-22	08:00:00"	11.5	181.7	8.18	17.7	9.11	179.9	10.91	13.52	71.99	71.9	0.083	57.79	56.75	26.316	79.914	0
"2013-06-22	09:00:00"	14.83	184.5	9.11	21.87	11.87	183.6	13.2	18.3	73.78	74.09	-0.312	56.24	54.49	26.323	237.87	0
"2013-06-22	10:00:00"	16.27	183.3	7.979	21.87	13.07	181	11.75	18.89	76.51	77.26	-0.75	53.07	50.61	26.323	404.34	0
"2013-06-22	11:00:00"	14.16	188.1	11.27	22.47	11.38	187.8	15.08	18.89	80.1	81.3	-1.182	49.03	45.96	26.319	583.33	0
"2013-06-22	12:00:00"	14.3	198.4	15.18	21.87	11.64	197.8	17.48	19.49	84.7	86.1	-1.412	42.08	38.95	26.315	784.51	0
"2013-06-22	13:00:00"	12.06	207.7	17.01	20.09	10.01	206.5	19.42	17.1	88.3	89.7	-1.344	36.05	33.45	26.312	850.11	0
"2013-06-22	14:00:00"	11.96	201	20.71	21.28	9.85	201.3	24.57	19.49	90.8	92.5	-1.659	32.61	29.83	26.301	928.54	0
"2013-06-22	15:00:00"	9.91	190.8	24.83	22.47	8.26	189	27.98	22.47	93.1	94.9	-1.775	29.32	26.59	26.278	927.21	0
"2013-06-22	16:00:00"	10.64	174.5	22.46	21.87	8.86	173.1	25.57	18.3	95.1	96.9	-1.799	25.72	23.03	26.254	891.96	0
"2013-06-22	17:00:00"	11.89	177.4	21.76	24.26	9.94	175.7	26.46	21.28	96.1	97.6	-1.518	23.91	21.42	26.23	669.59	0
"2013-06-22	18:00:00"	13.24	165.8	13.88	24.26	10.95	163.5	15.37	20.68	96.1	97.4	-1.249	22.79	20.45	26.212	465.46	0
"2013-06-22	19:00:00"	13.62	164.1	12.63	21.87	11.16	162	13.98	19.49	95.5	96	-0.505	22.92	20.96	26.194	164.92	0
"2013-06-22	20:00:00"	19.34	162.6	11.6	30.22	15.77	160.1	12.48	24.86	94	94.5	-0.482	30.03	28.05	26.191	185.67	0
"2013-06-22	21:00:00"	24.03	168.7	9.01	36.78	19.27	166.6	10.99	30.22	89.1	89.2	-0.021	37.54	35.95	26.207	21.961	0
"2013-06-22	22:00:00"	22.09	168.5	8.88	34.4	17.7	166.8	10.42	30.22	84.8	84.8	0.03	42.73	41.01	26.233	0.34876	0
"2013-06-22	23:00:00"	20.38	170.7	7.984	33.8	16.45	168.5	10.15	28.43	81.9	81.8	0.079	44.64	43.06	26.257	0	0
"2013-06-23	00:00:00"	18.76	166	9.51	30.22	15.2	164	10.93	24.86	79.82	79.76	0.057	45.95	44.38	26.269	0	0
"2013-06-23	01:00:00"	16.4	167.4	8.82	30.22	13.23	165.1	10.63	24.86	77.94	77.85	0.096	46.94	45.46	26.271	0	0
"2013-06-23	02:00:00"	18.01	174.2	6.905	24.86	14.44	171.8	9.56	21.28	76.78	76.65	0.128	48.9	47.52	26.277	0	0
"2013-06-23	03:00:00"	15.62	176	7.094	22.47	12.36	174.3	9.54	18.89	76.03	75.84	0.185	47.38	46.08	26.266	0	0
"2013-06-23	04:00:00"	13.25	182.9	8.03	17.7	10.43	181.6	11.25	15.91	75.05	74.83	0.215	46.91	45.66	26.27	0	0
"2013-06-23	05:00:00"	13.64	177.3	8.16	18.89	10.67	175.3	11.44	15.91	74.6	74.35	0.248	45.96	44.76	26.259	0	0
"2013-06-23	06:00:00"	12.28	175.3	7.702	18.3	9.61	173.5	10.34	14.72	74.26	74	0.264	45.48	44.3	26.252	0	0
"2013-06-23	07:00:00"	8.75	183.4	9.19	13.52	6.697	183.3	12.02	11.74	73.34	73.02	0.324	47.21	46.16	26.262	1.5309	0
"2013-06-23	08:00:00"	10.56	187.2	9.1	15.31	8.16	187.8	12.81	12.93	73.68	73.55	0.131	47.45	46.16	26.268	74.54	0
"2013-06-23	09:00:00"	15.88	183.1	8.12	23.66	12.7	181.5	11.45	20.68	75.25	75.49	-0.239	47.37	45.5	26.275	202.92	0
"2013-06-23	10:00:00"	15.51	187.9	10.53	21.87	12.48	187.1	14.11	20.09	77.63	78.63	-0.997	47.73	44.84	26.28	472.38	0
"2013-06-23	11:00:00"	13.09	192	12.91	21.87	10.48	191.7	15.79	18.3	80.8	82.1	-1.334	45.03	41.74	26.279	611.2	0
"2013-06-23	12:00:00"	10.49	203.5	19.05	17.1	8.7	203.7	22.39	14.72	85	86.5	-1.489	37.88	35.09	26.276	799.63	0
"2013-06-23	13:00:00"	8.62	210.3	27.39	17.1	7.286	210.8	30.21	15.31	88	89.5	-1.423	32.43	29.85	26.27	898.45	0
"2013-06-23	14:00:00"	8.37	194.1	31.98	17.7	7.047	191.5	36.72	16.51	91.1	92.8	-1.613	28.01	25.39	26.256	957.92	0
"2013-06-23	15:00:00"	6.828	229.7	64.04	17.7	5.64	227	68.43	14.72	93.4	95.2	-1.783	23.99	21.35	26.241	940.94	0
"2013-06-23	16:00:00"	6.235	177.7	67.15	17.7	5.414	175	68.12	15.91	95.3	96.9	-1.567	20.73	18.29	26.219	904.86	0
"2013-06-23	17:00:00"	10.44	156.2	28.48	21.28	8.69	154.5	30.02	17.7	96.4	98.2	-1.771	20.89	18.31	26.203	788.52	0
"2013-06-23	18:00:00"	13.65	165.8	20.99	24.86	11.22	163.7	23.49	20.09	96.8	98.4	-1.643	21.18	18.64	26.189	629.38	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-23	19:00:00"	14.22	180.1	17.3	23.07	11.45	178.8	19.64	18.89	97.1	98.4	-1.279	20.49	18.16	26.174	446.55	0
"2013-06-23	20:00:00"	14.94	164.4	13.89	30.22	12.25	162.7	14.68	26.05	95.9	96.4	-0.544	22.99	20.96	26.176	168.97	0
"2013-06-23	21:00:00"	21.81	163.1	10.68	33.8	17.74	161	11.66	29.03	91.2	91.6	-0.395	31.87	30.1	26.195	33.29	0
"2013-06-23	22:00:00"	20.64	162	10.24	32.01	16.91	159.4	10.97	27.84	87.1	87.2	-0.091	36.19	34.58	26.219	0.38926	0
"2013-06-23	23:00:00"	20.66	166	9.74	32.61	16.77	163.2	10.88	27.84	83.4	83.6	-0.183	43.8	41.92	26.245	0	0
"2013-06-24	00:00:00"	18.92	169.4	8.55	30.82	15.16	166.8	10.59	24.26	80.6	80.8	-0.154	47.82	46.03	26.269	0	0
"2013-06-24	01:00:00"	20.95	171.6	7.809	31.42	16.71	169.1	9.71	27.24	78.94	79.03	-0.09	49.14	47.47	26.28	0	0
"2013-06-24	02:00:00"	19.75	172.6	7.077	28.43	15.83	170.2	9.41	25.45	77.64	77.65	-0.009	49.95	48.4	26.282	0	0
"2013-06-24	03:00:00"	18.39	172.5	6.741	27.84	14.78	170.3	9.06	24.26	76.78	76.75	0.033	52.41	50.99	26.277	0	0
"2013-06-24	04:00:00"	17.15	171.8	7.27	26.65	13.68	169.3	9.61	21.87	76.02	75.95	0.072	53.52	52.2	26.272	0	0
"2013-06-24	05:00:00"	16.01	175.3	7.438	22.47	12.79	173.1	10.02	20.68	75.14	75.07	0.079	55.21	53.94	26.272	0	0
"2013-06-24	06:00:00"	12.69	172.8	8.12	18.3	10.09	170.2	10.1	15.91	74.04	73.96	0.077	57.99	56.75	26.284	0	0
"2013-06-24	07:00:00"	13.8	171.4	7.954	20.09	11.12	169.5	9.91	18.3	72.91	72.94	-0.037	63.86	62.5	26.293	3.2827	0
"2013-06-24	08:00:00"	13.87	171.9	8.16	23.07	11.23	169.3	10.16	20.68	72.44	72.69	-0.25	69.51	67.82	26.305	81.277	0
"2013-06-24	09:00:00"	17.05	165.3	10.58	25.45	14.03	163.3	11.74	25.45	73.61	74.25	-0.646	69.11	66.68	26.303	258.91	0
"2013-06-24	10:00:00"	15.89	174.1	9.47	23.07	12.85	171.2	11.88	20.68	76.26	77.57	-1.317	63.03	59.46	26.314	475.84	0
"2013-06-24	11:00:00"	16.64	174.1	10.08	23.66	13.57	171.3	12.23	20.68	79.25	81	-1.794	56.54	52.27	26.317	635.28	0
"2013-06-24	12:00:00"	15.9	178.9	10.8	23.66	12.95	176.8	14.11	20.09	82.5	84.7	-2.17	50.07	45.43	26.315	819.07	0
"2013-06-24	13:00:00"	14.19	188.9	14.13	23.66	11.43	188.2	17.32	19.49	86.5	88.8	-2.297	42.47	38.3	26.311	892.21	0
"2013-06-24	14:00:00"	11.39	194.2	18.8	21.87	9.38	194.1	22.58	19.49	90.1	92.2	-2.113	34.83	31.54	26.297	892.89	0
"2013-06-24	15:00:00"	10.44	188.6	23.1	20.68	8.59	188.2	27.54	18.89	92.2	94.2	-1.996	31.15	28.1	26.274	936.69	0
"2013-06-24	16:00:00"	10.59	164	23.89	20.09	8.86	162.9	26.55	15.31	93.9	95.8	-1.976	27.69	24.78	26.253	844.36	0
"2013-06-24	17:00:00"	12.09	171.9	22.82	21.87	10.02	170.7	25.36	18.89	95.2	97	-1.889	26.27	23.41	26.235	727.56	0
"2013-06-24	18:00:00"	14.75	171.2	15.07	29.03	12.09	168.7	16.48	24.26	94.5	96	-1.462	27.85	25.22	26.222	409.03	0
"2013-06-24	19:00:00"	18.84	167.6	13.6	27.84	15.27	165.4	14.81	27.84	94.4	95.8	-1.477	31.03	28.31	26.209	424.8	0
"2013-06-24	20:00:00"	21.41	164.3	11.4	31.42	17.49	162.4	12.43	29.63	91.4	92.5	-1.096	36.12	33.64	26.216	221.11	0
"2013-06-24	21:00:00"	20.22	164.2	10.04	30.82	16.42	161.7	11.03	27.84	87.5	88.1	-0.551	40.67	38.48	26.231	47.728	0
"2013-06-24	22:00:00"	19.09	168.2	8.91	27.24	15.39	165.6	10.56	27.84	84.1	84.3	-0.184	44.42	42.48	26.242	0.34178	0
"2013-06-24	23:00:00"	14.88	167.5	9.35	24.26	11.93	165.7	10.98	19.49	81.5	81.5	-0.053	47.86	46.13	26.268	0	0
"2013-06-25	00:00:00"	16.56	173.4	6.971	24.86	13.32	171.3	9.35	21.28	79.93	79.91	0.015	51.07	49.5	26.294	0	0
"2013-06-25	01:00:00"	16.68	173.2	6.68	26.05	13.42	170.7	9.29	19.49	78.65	78.61	0.043	54.42	52.98	26.299	0	0
"2013-06-25	02:00:00"	15.61	173.3	6.746	23.07	12.48	171.1	9.17	18.3	77.2	77.14	0.057	57.78	56.43	26.298	0	0
"2013-06-25	03:00:00"	13.03	174.2	6.484	17.7	10.33	171.6	8.96	15.31	76.01	75.93	0.082	60.06	58.82	26.296	0	0
"2013-06-25	04:00:00"	13.54	175.3	6.364	18.89	10.71	173.1	9.1	15.91	75.41	75.34	0.068	61.47	60.24	26.295	0	0
"2013-06-25	05:00:00"	15.14	175.6	7.17	21.28	12.06	173.5	9.67	20.09	75.13	74.98	0.142	59.81	58.72	26.286	0	0
"2013-06-25	06:00:00"	14.73	181.7	8.23	22.47	11.57	180.5	11.7	18.89	75.12	74.94	0.179	56.13	55.02	26.289	0	0
"2013-06-25	07:00:00"	14.25	181.7	7.324	19.49	11.22	180.6	10.41	17.1	74.19	74.04	0.151	58.68	57.57	26.294	1.8368	0
"2013-06-25	08:00:00"	12.39	190.9	8.7	19.49	9.71	192.5	12.94	17.1	73.42	73.47	-0.049	62.38	61.01	26.302	74.325	0
"2013-06-25	09:00:00"	15.36	192.4	8.75	21.87	12.11	193.6	12.7	18.89	75.67	76.23	-0.559	60.36	58.08	26.311	260.71	0
"2013-06-25	10:00:00"	15.02	192	10.22	20.68	12.1	191.9	13.36	18.3	79	80.1	-1.062	55.78	52.68	26.313	457.44	0
"2013-06-25	11:00:00"	13.04	203.1	13.7	24.26	10.69	203	16.32	23.07	83	84.2	-1.236	49.48	46.14	26.314	640.95	0
"2013-06-25	12:00:00"	10.86	220.5	17.95	17.7	9.09	220.8	21.44	15.91	87.5	88.9	-1.344	39.93	36.99	26.313	798.99	0
"2013-06-25	13:00:00"	8.49	239.2	27.89	17.1	7.061	241.8	29.63	14.72	91.4	93	-1.598	31.5	28.77	26.305	908.87	0
"2013-06-25	14:00:00"	6.967	262.5	60.28	15.31	5.842	263.2	60.72	13.52	94.8	96.6	-1.791	25.58	22.85	26.291	958.78	0
"2013-06-25	15:00:00"	6.037	211.7	90.5	14.12	5.059	215.6	91.6	12.93	97.3	99.1	-1.721	19.87	17.35	26.274	939.23	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-25	16:00:00"	6.09	274.7	70.54	19.49	5.287	276.4	74.88	16.51	98.9	100.9	-1.99	18.87	16.26	26.257	924.37	0	
"2013-06-25	17:00:00"	7.625	265.5	40.34	15.91	6.027	266.1	42	13.52	100.7	102.8	-2.113	16.35	13.79	26.239	837.68	0	
"2013-06-25	18:00:00"	10.52	209.4	42.9	26.05	8.59	208.4	44.88	21.87	100.9	102.7	-1.715	16.52	14.07	26.222	573.55	0	
"2013-06-25	19:00:00"	7.486	208.9	39.09	15.91	6.129	207.4	42.21	13.52	100.5	101.3	-0.801	16.34	14.25	26.207	295.86	0	
"2013-06-25	20:00:00"	8.82	216.1	31.9	18.3	7.342	215.9	33.7	15.31	100.7	101.1	-0.441	15.7	13.71	26.2	214.96	0	
"2013-06-25	21:00:00"	8.79	224	23.07	26.05	7.16	223.5	25.64	22.47	99.2	99.2	0.004	17.43	15.57	26.206	44.538	0	
"2013-06-25	22:00:00"	18.4	172.5	8.81	28.43	14.79	170.1	10.53	23.07	91.7	91.8	-0.067	33.97	32.23	26.228	0.85243	0	
"2013-06-25	23:00:00"	20.27	165.4	12.31	29.63	16.35	163.2	13.27	26.05	88.4	88.4	-0.038	43.51	41.61	26.258	0	0	
"2013-06-26	00:00:00"	17.5	164.9	11	26.65	14.15	162.4	12.34	23.07	84.6	84.6	-0.052	48.58	46.78	26.277	0	0	
"2013-06-26	01:00:00"	15.77	177.5	7.546	23.66	12.46	175.3	10.37	21.28	82.3	82.3	0	51.85	50.21	26.285	0	0	
"2013-06-26	02:00:00"	14.01	179.5	7.549	22.47	11.08	178	10.43	18.3	80.2	80.2	0.018	56.77	55.24	26.28	0	0	
"2013-06-26	03:00:00"	12.67	180.5	7.536	18.89	9.98	178.8	10.85	15.91	78.4	78.35	0.041	61.06	59.67	26.276	0	0	
"2013-06-26	04:00:00"	10.15	187.8	8.71	16.51	7.91	189	12.3	14.12	76.91	76.83	0.083	64.14	62.9	26.277	0	0	
"2013-06-26	05:00:00"	10.86	183	7.72	15.91	8.54	181.4	10.62	13.52	75.88	75.79	0.092	65.81	64.64	26.279	0	0	
"2013-06-26	06:00:00"	7.495	190.1	9.12	12.33	5.669	191.6	12.35	11.14	74.67	74.49	0.187	67.18	66.21	26.282	0	0	
"2013-06-26	07:00:00"	7.382	190.4	7.587	11.14	5.528	193.1	11.25	9.35	73.22	72.98	0.245	69.28	68.45	26.29	2.2381	0	
"2013-06-26	08:00:00"	8.43	196.6	8.08	15.31	6.437	198.9	10.74	13.52	72.93	72.93	0.004	69.73	68.51	26.297	87.174	0	
"2013-06-26	09:00:00"	12.09	190.5	9.15	17.7	9.67	189.8	12.33	14.72	77.63	78.08	-0.45	60.27	58.17	26.301	275.37	0	
"2013-06-26	10:00:00"	12.16	200.3	13.09	17.1	9.84	200.1	15.53	15.31	82.4	83.2	-0.807	50.33	47.58	26.307	478.46	0	
"2013-06-26	11:00:00"	10.29	216.6	15.6	16.51	8.73	216.6	18.78	14.12	86.6	87.6	-0.994	40.7	38.05	26.309	673.43	0	
"2013-06-26	12:00:00"	7.924	231.3	23.19	15.31	6.729	231.9	26.56	14.12	91.5	92.8	-1.37	31.01	28.48	26.314	832.04	0	
"2013-06-26	13:00:00"	7.609	243.5	24.44	15.91	6.454	245.5	27.86	13.52	96.1	97.7	-1.682	19.36	16.95	26.31	940.86	0	
"2013-06-26	14:00:00"	6.471	221.9	47.29	17.1	5.571	220.4	50.52	14.12	98.8	100.3	-1.525	14.87	12.6	26.3	990.16	0	
"2013-06-26	15:00:00"	7.429	191.6	42.01	15.91	6.368	191.9	44.2	12.93	101.1	102.7	-1.572	10.36	8.21	26.287	971.97	0	
"2013-06-26	16:00:00"	7.103	215.4	59.03	19.49	6.084	215.5	60.91	18.89	102.6	104.2	-1.642	9.41	7.232	26.269	926.31	0	
"2013-06-26	17:00:00"	8.92	203	33.99	17.7	7.455	202.5	36.45	17.1	103.4	105	-1.587	9.04	6.862	26.254	811.44	0	
"2013-06-26	18:00:00"	9.31	191.9	38.6	20.09	7.703	190.9	44.01	18.89	103.7	105.3	-1.614	8.44	6.282	26.244	648.65	0	
"2013-06-26	19:00:00"	8.99	202.5	24.74	20.09	7.42	200.8	28.41	18.89	103.7	105.1	-1.382	8.29	6.203	26.236	453.79	0	
"2013-06-26	20:00:00"	9.65	197.5	21.75	20.09	7.777	198	24.66	16.51	103.2	104.9	-1.641	8.71	6.628	26.234	242.03	0	
"2013-06-26	21:00:00"	5.99	197.1	16.9	9.95	4.509	195.4	17.9	8.16	101.5	101.7	-0.207	9.35	7.602	26.244	62.116	0	
"2013-06-26	22:00:00"	7.958	181.9	11.73	12.33	5.631	179.4	15.03	9.35	97.1	96.8	0.339	12.03	10.52	26.257	0.72352	0	
"2013-06-26	23:00:00"	16.93	169.3	8.62	30.82	13.34	166.2	10.49	25.45	93.3	94.8	-1.578	25.74	23.2	26.283	0	0	
"2013-06-27	00:00:00"	21.48	173.6	6.778	31.42	17.12	171.5	9.34	24.86	89.7	92.3	-2.601	39.2	35.76	26.307	0	0	
"2013-06-27	01:00:00"	19.84	173.4	6.839	29.63	15.93	170.8	9.53	26.05	86.2	88.8	-2.665	44.41	40.28	26.323	0	0	
"2013-06-27	02:00:00"	16.18	174.2	6.906	26.65	12.73	172.3	9.61	21.87	83.1	85.7	-2.535	49.42	45.39	26.33	0	0	
"2013-06-27	03:00:00"	13.9	172	7.153	20.68	11.17	169.9	9.33	18.89	80.7	83.1	-2.408	53.07	49.23	26.332	0	0	
"2013-06-27	04:00:00"	12.25	170.4	8.55	18.3	9.82	169.1	10.38	15.31	78.5	81.1	-2.561	57.67	53.7	26.332	0	0	
"2013-06-27	05:00:00"	11.18	170	8.36	15.91	8.9	168.2	10.24	14.12	77.06	79.42	-2.361	61.9	58.21	26.333	0	0	
"2013-06-27	06:00:00"	10.7	173.3	10.8	15.31	8.49	172.1	13.14	12.33	76.56	78.64	-2.079	61.14	57.98	26.334	0	0	
"2013-06-27	07:00:00"	8.47	181	10.43	11.74	6.446	179.7	13.73	9.35	75.47	75.64	-0.176	58.94	57.78	26.345	2.1074	0	
"2013-06-27	08:00:00"	9.17	179.4	8.54	14.72	7.086	178.6	11.16	11.74	75.8	76.96	-1.159	55.81	53.56	26.351	78.119	0	
"2013-06-27	09:00:00"	13	178.2	8.08	18.89	10.31	176.2	11	15.31	78.96	82.8	-3.841	53	47.42	26.362	260.08	0	
"2013-06-27	10:00:00"	13.92	169.5	10.13	18.89	11.44	167.6	12.15	17.1	82	89.2	-7.208	50.3	40.26	26.377	459.28	0	
"2013-06-27	11:00:00"	13.53	167.3	11.98	20.68	11.06	165.3	13.72	16.51	85.1	93.2	-8.11	46.44	36.62	26.381	650.43	0	
"2013-06-27	12:00:00"	12.86	175.4	12.46	20.68	10.58	173	15.02	17.1	90.2	98.3	-8.15	36.5	29.24	26.381	810.7	0	

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-06-27	13:00:00"	12.84	162.8	21.18	23.66	10.61	160.7	22.58	21.28	96	105.2	-9.16	24.61	18.58	26.37	919.6	0	
"2013-06-27	14:00:00"	15.02	158.5	15.05	25.45	12.46	156.7	15.6	23.07	97.9	106.7	-8.83	23.35	17.56	26.369	966.26	0	
"2013-06-27	15:00:00"	14.3	157.1	17.36	23.07	11.86	155.9	18.74	20.68	99.2	102.8	-3.604	18.52	15.19	26.359	947.1	0	
"2013-06-27	16:00:00"	14.04	168.6	17.61	26.65	11.63	167.3	21.06	21.87	100.8	103.5	-2.775	15.37	12.56	26.347	912.99	0	
"2013-06-27	17:00:00"	14.36	149.7	21.23	24.26	11.77	148.4	20.65	21.28	101.5	104.2	-2.775	15.52	12.72	26.335	806.68	0	
"2013-06-27	18:00:00"	14.6	142.1	19.64	27.24	11.94	140.4	20.19	21.28	101.4	104.2	-2.849	15.3	12.5	26.327	643.35	0	
"2013-06-27	19:00:00"	14.21	134.9	16.85	25.45	11.57	135	17.35	20.68	100.8	103.7	-2.858	15.22	12.55	26.323	434.09	0	
"2013-06-27	20:00:00"	14.75	153.6	12.65	23.66	12.14	152.3	13.11	20.68	99.6	101.9	-2.25	16.6	14.09	26.327	226.01	0	
"2013-06-27	21:00:00"	14.65	150.9	9.5	22.47	11.94	149.2	9.56	20.68	97	98	-1.006	18.67	16.53	26.337	55.774	0	
"2013-06-27	22:00:00"	10.89	161	10.45	17.1	8.85	158.3	10.8	14.72	93.2	93.9	-0.751	22.27	20.29	26.35	0.47739	0	
"2013-06-27	23:00:00"	10.3	168.6	7.56	14.12	8.24	166.2	8.76	12.33	90	90.4	-0.355	25.66	23.93	26.377	0	0	
"2013-06-28	00:00:00"	11.19	171.4	7.498	16.51	8.77	169.2	8.9	12.93	87.4	87.2	0.226	28.57	27.1	26.403	0	0	
"2013-06-28	01:00:00"	12.84	175.5	6.22	17.7	9.92	173.1	8.59	15.31	84.8	86.2	-1.424	30.78	28.66	26.405	0	0	
"2013-06-28	02:00:00"	12.88	179.3	7.362	18.89	10.09	177.1	9.43	15.31	82.4	83	-0.585	32.42	30.67	26.405	0	0	
"2013-06-28	03:00:00"	8.7	186.1	9.93	15.31	6.59	188.1	14.38	12.93	79.71	80.3	-0.609	35.77	33.95	26.412	0	0	
"2013-06-28	04:00:00"	7.765	186.7	7.814	11.74	5.847	187.6	10.79	9.95	77.59	77.36	0.236	38.46	37.21	26.421	0	0	
"2013-06-28	05:00:00"	8.25	169.8	81.9	32.61	6.136	169.2	83.6	24.26	76.97	76.81	0.16	39.97	38.97	26.449	0	0	
"2013-06-28	06:00:00"	3.636	311.7	68.99	9.95	2.348	316.1	87.2	7.561	78.15	76.45	1.7	38.03	38.54	26.467	0	0	
"2013-06-28	07:00:00"	2.899	193.2	84.1	7.561	2.506	154.3	90.9	5.771	76.49	74.92	1.568	40.3	40.86	26.46	0.55874	0	
"2013-06-28	08:00:00"	4.531	256.7	28.25	7.561	3.071	269.5	39.01	6.368	75.73	74.25	1.479	42.65	43.07	26.458	31.051	0	
"2013-06-28	09:00:00"	6.701	207.1	12.73	12.33	5.483	204.8	14.73	11.74	76.25	76.47	-0.222	44	42.13	26.457	128.74	0	
"2013-06-28	10:00:00"	9.32	214	15.71	14.12	7.799	212.1	17.5	12.33	79.7	80.1	-0.433	42.04	39.86	26.458	206.08	0	
"2013-06-28	11:00:00"	8.45	237.2	19.18	14.12	7.102	239.2	22.68	12.93	83.2	84.4	-1.168	36.05	33.61	26.469	469.43	0	
"2013-06-28	12:00:00"	7.083	260.7	25.85	12.33	5.692	261.7	27.15	10.54	86.7	88.2	-1.57	31.16	28.52	26.472	635.38	0	
"2013-06-28	13:00:00"	5.318	227.6	68.5	11.74	4.39	230.1	70.02	9.95	89.7	91.3	-1.568	28.35	25.71	26.467	823.72	0	
"2013-06-28	14:00:00"	5.033	160.9	92	12.33	4.487	172.6	94.4	10.54	92.3	94	-1.713	26.02	23.32	26.45	870.13	0	
"2013-06-28	15:00:00"	7.589	28.89	80	19.49	6.461	22.42	80.1	17.7	94.7	96.7	-2.087	24.35	21.47	26.428	786.91	0	
"2013-06-28	16:00:00"	10.39	61.05	32.83	22.47	8.76	60.03	34.94	19.49	95.8	98.3	-2.48	22.32	19.28	26.409	790.66	0	
"2013-06-28	17:00:00"	8.7	70.28	34.94	18.89	7.191	72.59	36.6	15.91	97.1	99	-1.953	20.81	18.08	26.383	730.47	0	
"2013-06-28	18:00:00"	9.79	88.4	25.46	21.28	8.01	90.5	29.26	18.3	97.6	99.3	-1.683	21.01	18.39	26.36	560.18	0	
"2013-06-28	19:00:00"	10	76.37	19.52	24.26	8.13	75.35	20.92	19.49	97.8	99.1	-1.285	20.59	18.17	26.345	361.53	0	
"2013-06-28	20:00:00"	9.36	87.7	18.82	21.28	7.523	87.5	20.52	16.51	97.7	98.5	-0.781	20.09	17.92	26.337	227.12	0	
"2013-06-28	21:00:00"	9.61	98.5	10.81	16.51	7.368	97.3	12.18	12.93	96.2	96.2	-0.065	21.6	19.77	26.343	55.309	0	
"2013-06-28	22:00:00"	8.19	104.7	6.076	11.74	5.549	102.3	7.824	9.35	91.8	91.1	0.712	24.67	23.35	26.356	0.50255	0	
"2013-06-28	23:00:00"	8.66	105.2	6.812	11.14	5.592	100.9	9.27	8.16	88.4	87.4	1.038	27.73	26.75	26.376	0	0	
"2013-06-29	00:00:00"	7.166	96.3	4.15	9.35	4.435	85.8	7.439	5.771	85.5	83.1	2.409	30.64	30.75	26.387	0	0	
"2013-06-29	01:00:00"	9.1	103.9	6.147	12.33	5.746	99	7.892	8.16	83.7	82.3	1.388	33.36	32.89	26.382	0	0	
"2013-06-29	02:00:00"	9.55	116.6	8.9	12.33	6.555	114.7	11.3	9.35	82.6	81.7	0.83	35.78	34.92	26.377	0	0	
"2013-06-29	03:00:00"	9.29	123.6	5.885	12.93	6.244	123	8.48	9.35	81.4	80.6	0.743	37.79	36.98	26.37	0	0	
"2013-06-29	04:00:00"	6.814	134	9.43	9.95	4.484	126.3	13.67	7.561	80.2	79.24	0.932	38.94	38.36	26.374	0	0	
"2013-06-29	05:00:00"	7.555	116.2	6.933	10.54	4.408	102	9.15	7.561	79.41	77.38	2.029	40.04	40.68	26.377	0	0	
"2013-06-29	06:00:00"	9.29	109	10.94	11.74	6.294	102.8	12.59	8.75	78.82	77.81	1.004	41.22	40.74	26.383	0	0	
"2013-06-29	07:00:00"	8.78	70.73	17.87	12.33	6.028	67.48	17.53	10.54	74.89	74.4	0.492	46.53	45.56	26.393	1.0727	0	
"2013-06-29	08:00:00"	8.22	63.83	10.19	12.33	6.185	62.48	11.77	9.35	73.74	73.79	-0.047	50.6	48.94	26.396	69.708	0	
"2013-06-29	09:00:00"	9.62	98.9	21.1	14.12	7.773	98.5	23.01	11.74	78.86	79.3	-0.435	45.34	43.16	26.402	233.2	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-06-29	10:00:00"	9.13	151.6	14.05	12.93	7.565	150.8	14.42	11.74	83.5	84.5	-0.955	39.84	37.37	26.396	449.86	0
"2013-06-29	11:00:00"	7.546	182.6	16.28	11.74	6.304	180.1	20.27	10.54	88.6	89.9	-1.243	32.94	30.45	26.39	623.5	0
"2013-06-29	12:00:00"	5.991	208.5	40.26	13.52	5.106	211.3	44.3	11.74	92.9	94.1	-1.29	27.37	24.9	26.393	757.39	0
"2013-06-29	13:00:00"	19.5	86.6	45.3	30.82	15.52	88.3	45.81	26.65	89	91	-1.923	34.61	31.43	26.408	668.88	0
"2013-06-29	14:00:00"	19.22	103.3	16.12	27.24	15.64	103.5	18.26	22.47	90.4	93.2	-2.739	34.61	30.81	26.382	911.3	0
"2013-06-29	15:00:00"	14.35	133.3	20.45	23.66	11.76	132.8	21.58	21.28	93.7	96.1	-2.457	29.01	25.65	26.356	883.99	0
"2013-06-29	16:00:00"	13.71	165.3	24.02	26.05	11.25	164.2	25.99	20.68	95.3	97.7	-2.391	27.35	24.09	26.332	860.58	0
"2013-06-29	17:00:00"	12.64	194.1	23.31	26.05	10.38	192.6	25.38	22.47	96.1	98.3	-2.181	25.62	22.53	26.306	770.67	0
"2013-06-29	18:00:00"	11.26	203.9	25.49	18.89	9.24	204.1	29.67	15.31	97.1	98.5	-1.433	23.04	20.44	26.279	496.74	0
"2013-06-29	19:00:00"	9.44	232.3	16.54	16.51	7.886	232.7	19.61	15.91	96.4	96.9	-0.468	22.59	20.54	26.275	111.36	0
"2013-06-29	20:00:00"	12.15	237.7	13.2	18.89	10.01	239.9	15.37	16.51	95.5	96	-0.504	23.41	21.39	26.258	129.12	0
"2013-06-29	21:00:00"	10.96	222.9	14.22	17.7	9.11	221.1	16.03	17.1	94	94.2	-0.216	23.93	22.06	26.264	49.835	0
"2013-06-29	22:00:00"	7.432	256	34.77	14.72	5.313	256.3	39.67	10.54	91	90.7	0.229	25.46	23.92	26.28	0.19344	0
"2013-06-29	23:00:00"	13.63	73.82	24.26	30.82	10.66	72.99	25.43	26.65	85.8	86.3	-0.514	31.58	29.65	26.343	0	0
"2013-06-30	00:00:00"	19.16	18.53	15.2	33.8	15.07	16.12	20.77	28.43	78.58	79.65	-1.074	47.25	45	26.399	0	0
"2013-06-30	01:00:00"	25.7	47.55	11.24	42.15	20.29	48.78	12.78	36.19	74.05	74.53	-0.479	52.88	51.88	26.416	0	0
"2013-06-30	02:00:00"	22.25	36.83	9.78	34.4	17.79	37.69	11.85	31.42	73.38	74.16	-0.788	51.11	48.88	26.383	0	0
"2013-06-30	03:00:00"	16.93	30.13	12.44	25.45	13.32	29.11	16.55	23.07	76.22	76.47	-0.249	43.27	41.52	26.364	0	0
"2013-06-30	04:00:00"	16.84	42.03	11.04	35.59	13.46	42.56	12.62	29.63	74.03	74.72	-0.692	51.06	48.59	26.377	0	0
"2013-06-30	05:00:00"	15.5	51.48	13.34	24.86	12.4	52.54	14.58	21.28	71.44	72.23	-0.791	63.14	60.48	26.38	0	0
"2013-06-30	06:00:00"	9.09	88.6	32.04	16.51	7.23	88.9	33.41	12.93	71.28	71.6	-0.327	65.17	63.2	26.371	0	0
"2013-06-30	07:00:00"	6.839	84.7	29.92	11.74	5.411	84.6	30.59	9.95	71.14	71.42	-0.28	62.03	60.21	26.364	0.27439	0
"2013-06-30	08:00:00"	7.794	358.2	62.38	14.12	5.629	357.7	61.29	11.74	70.9	71.21	-0.311	61.85	59.96	26.381	20.141	0
"2013-06-30	09:00:00"	8.9	327.9	21.22	12.33	6.578	327.7	21.15	11.74	72.38	73.08	-0.696	59.29	56.9	26.413	154.4	0
"2013-06-30	10:00:00"	5.626	44.37	54.83	12.33	4.806	43.27	59.3	11.74	75.84	77.13	-1.284	50.57	47.17	26.434	479.23	0
"2013-06-30	11:00:00"	9.38	55.17	19.23	16.51	7.863	56.61	20.68	14.12	76.96	79.05	-2.092	50.87	46.19	26.441	652.27	0
"2013-06-30	12:00:00"	9.2	84.7	32.01	17.7	7.777	85.2	35.27	15.31	77.98	79.98	-2.003	49.17	44.71	26.439	772.76	0
"2013-06-30	13:00:00"	6.971	104.5	53.6	17.1	6.031	106.6	53.4	14.72	79.64	82.2	-2.611	47.38	42.16	26.429	912.73	0
"2013-06-30	14:00:00"	7.438	109.1	50.1	15.91	6.4	114.1	51.19	14.72	82.7	84.5	-1.811	40.53	37.01	26.412	963.54	0
"2013-06-30	15:00:00"	7.47	115.8	47	16.51	6.436	116.4	49.15	14.72	84.7	86.4	-1.753	35.64	32.52	26.39	945.63	0
"2013-06-30	16:00:00"	8.04	97.7	56.25	17.1	6.944	100.3	56.37	15.91	87.1	89	-1.941	32.23	29.07	26.371	925.77	0
"2013-06-30	17:00:00"	9.58	92	26.65	20.09	8.11	91.4	29.1	15.91	88.2	90.1	-1.876	30.53	27.47	26.357	815.3	0
"2013-06-30	18:00:00"	10.68	91.6	26.85	20.68	8.93	90.7	28.53	18.3	88.5	90.2	-1.712	29.52	26.61	26.339	654.09	0
"2013-06-30	19:00:00"	11.46	96.1	21.25	20.09	9.45	96.7	23.61	17.1	88.6	89.9	-1.343	29.99	27.32	26.324	451.83	0
"2013-06-30	20:00:00"	12.15	101.4	20.22	18.89	9.77	102.4	22.53	17.1	87.9	88.8	-0.886	31.92	29.51	26.315	178.85	0
"2013-06-30	21:00:00"	13.52	102.8	9.71	20.68	10.87	102.9	11.35	17.7	86.3	86.6	-0.346	34.95	32.99	26.326	57.759	0
"2013-06-30	22:00:00"	10.14	101	7.551	15.31	8.03	100.3	8.95	12.33	83.9	84	-0.063	37.57	35.87	26.356	0.26587	0
"2013-06-30	23:00:00"	10.87	109.7	7.403	14.72	8.49	109.1	9.47	12.93	81.8	81.8	0.078	39.5	37.98	26.372	0	0
"2013-07-01	00:00:00"	8.94	95.4	7.024	14.12	6.854	93.9	7.686	11.14	79.55	79.45	0.099	43.54	41.78	26.402	0	0
"2013-07-01	01:00:00"	8.5	88.6	7.887	12.33	6.401	87.4	8.95	9.95	77.82	77.87	-0.047	48.45	46.57	26.404	0	0
"2013-07-01	02:00:00"	10.11	88.5	15.55	13.52	7.899	87.4	16.37	11.74	76.88	76.97	-0.086	52.1	50.26	26.401	0	0
"2013-07-01	03:00:00"	9.23	76.66	11.88	14.72	7.709	76.07	12.49	13.52	76.58	76.7	-0.119	51.75	49.92	26.415	0	0
"2013-07-01	04:00:00"	26.22	16.1	13.93	40.96	20.54	13.21	19.12	35	70.17	70.94	-0.772	68.45	65.97	26.447	0	0
"2013-07-01	05:00:00"	20.2	24.01	7.547	32.01	15.86	22.83	13.93	27.24	65.21	65.87	-0.666	84.1	83.3	26.471	0.41633	0.02
"2013-07-01	06:00:00"	7.683	56.13	16.39	17.1	6.114	58.15	18.1	14.12	64.59	64.9	-0.31	85.2	84.9	26.499	0.93698	0.04

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-07-01	07:00:00"	11.71	56.97	8.5	18.89	9.07	59.32	10.2	15.91	64.5	64.75	-0.248	87.1	86.8	26.499	1.534	0.02
"2013-07-01	08:00:00"	12.18	46.54	10.37	17.7	9.63	47.56	12.16	15.31	64.67	64.85	-0.181	86.3	86.3	26.504	13.423	0
"2013-07-01	09:00:00"	9.78	46.76	11.03	15.31	7.836	47.35	12.53	14.12	65.3	65.45	-0.158	84.2	84.8	26.515	46.577	0
"2013-07-01	10:00:00"	9.92	54.58	16.81	15.31	7.66	55.14	17.73	13.52	66.2	66.44	-0.234	80.3	80.3	26.52	81.043	0
"2013-07-01	11:00:00"	10.8	70.07	10	16.51	8.59	70.84	11.24	14.72	67.49	67.8	-0.312	73.58	73.27	26.52	114.18	0
"2013-07-01	12:00:00"	10.08	90.4	8.92	17.7	7.996	89.9	10.96	14.12	68.35	68.55	-0.2	69.38	69.51	26.537	159.46	0
"2013-07-01	13:00:00"	8.27	120.6	30.05	14.72	6.899	120.5	31.03	12.33	69.84	70.75	-0.909	64.11	62.94	26.54	627.04	0
"2013-07-01	14:00:00"	7.31	164.4	20.71	13.52	5.979	161.5	22.95	11.74	70.55	71.33	-0.782	61.92	60.21	26.535	256.7	0
"2013-07-01	15:00:00"	8.24	187.2	14.4	12.93	6.709	187.7	18.94	11.14	70.37	71.23	-0.865	63.45	61.4	26.519	345.73	0
"2013-07-01	16:00:00"	6.979	176	36.72	13.52	5.895	173.8	38.5	11.74	72.46	73.8	-1.333	54.74	51.83	26.5	818.94	0
"2013-07-01	17:00:00"	6.402	184.8	44.58	15.91	5.36	183.2	50.57	14.72	74.5	75.96	-1.455	50.15	46.96	26.485	785.3	0
"2013-07-01	18:00:00"	7.608	164.7	29.15	15.31	6.333	166.7	31.41	14.12	75.46	76.84	-1.38	47.14	43.91	26.465	640.54	0
"2013-07-01	19:00:00"	7.552	151.8	32.26	15.91	6.364	152	35.31	12.93	75.99	77.27	-1.274	47.07	43.87	26.454	426.29	0
"2013-07-01	20:00:00"	5.717	151.4	37.34	11.74	4.846	151.3	43.6	9.95	75.95	76.67	-0.719	47.18	44.7	26.448	230.51	0
"2013-07-01	21:00:00"	5.806	143.5	20.26	9.95	4.859	142.4	21.18	8.75	75.36	75.68	-0.322	48.56	46.65	26.459	36.309	0
"2013-07-01	22:00:00"	4.883	170.7	8.23	6.964	4.043	169	10.2	5.771	74.16	74.2	-0.045	51.51	50.23	26.479	0.24218	0
"2013-07-01	23:00:00"	4.367	183.1	19.05	6.368	3.522	178.9	19.46	5.771	73.31	73.28	0.025	53.98	52.93	26.497	0	0
"2013-07-02	00:00:00"	6.353	192.6	15.47	10.54	5.109	189.9	17.43	8.75	72.51	72.6	-0.09	57.91	56.58	26.502	0	0
"2013-07-02	01:00:00"	6.147	225.3	17.58	9.35	5.087	226.2	19.33	8.75	71.15	71.22	-0.078	61.93	60.5	26.506	0	0
"2013-07-02	02:00:00"	6.775	264.2	9.7	10.54	5.535	268.3	10.75	8.75	69.78	69.75	0.031	68.27	67.09	26.511	0	0
"2013-07-02	03:00:00"	8.21	284.9	19.22	11.74	5.786	289	21.2	9.95	69.47	69.48	-0.004	69.56	68.47	26.509	0	0
"2013-07-02	04:00:00"	5.28	348.4	46.3	8.75	3.926	349.7	46.46	7.561	69.28	69.29	-0.009	69.99	69.04	26.515	0	0
"2013-07-02	05:00:00"	8.21	326.1	18.48	13.52	5.663	324.2	18.67	11.74	67.6	67.57	0.037	75.92	76.47	26.511	0.11528	0.09
"2013-07-02	06:00:00"	7.158	303.3	31.76	11.74	4.405	311	33.38	8.75	66.63	65.95	0.677	80.9	83.6	26.509	0.16522	0
"2013-07-02	07:00:00"	6.253	14.67	7.283	11.74	4.053	9.63	12.44	9.35	64.82	64.03	0.795	83.9	86.6	26.509	2.0654	0
"2013-07-02	08:00:00"	7.528	45.23	12.3	11.74	5.643	44.82	14.02	11.14	63.51	63.07	0.435	70.14	74.19	26.522	68.204	0
"2013-07-02	09:00:00"	10.16	75.89	14.23	15.31	8.07	75.41	15.27	12.93	66.13	66.3	-0.168	56.87	57.95	26.536	224.87	0
"2013-07-02	10:00:00"	11.79	104	12.39	15.31	9.5	104	13.79	13.52	69.74	70.01	-0.268	47.91	48.69	26.542	361.92	0
"2013-07-02	11:00:00"	10.7	105.3	17.87	17.7	8.61	106	19.25	14.12	71.26	71.56	-0.308	45.94	46.06	26.548	210.07	0
"2013-07-02	12:00:00"	12.07	89.6	18.65	20.09	9.74	89.4	19.32	15.91	70.51	71.16	-0.649	46.48	45.42	26.558	394.6	0
"2013-07-02	13:00:00"	9.3	104.2	13.91	15.31	7.822	103.8	17	14.12	72.27	73.51	-1.239	43.37	41.26	26.551	684.9	0
"2013-07-02	14:00:00"	6.029	98.1	25.82	10.54	5.102	98.3	28.16	10.54	74.03	74.8	-0.766	38.37	36.82	26.529	284.62	0
"2013-07-02	15:00:00"	6.476	108.6	35.17	14.72	5.528	109.8	41.46	12.93	76.51	77.78	-1.273	34.98	32.95	26.508	882.1	0
"2013-07-02	16:00:00"	6.89	84.1	68.64	14.72	5.783	79.31	68.64	13.52	78.94	80.6	-1.683	32.18	29.76	26.483	942.24	0
"2013-07-02	17:00:00"	7.9	134.6	35.56	18.3	6.601	134.3	38.92	15.31	79.92	81.6	-1.702	30.61	28.09	26.459	766.56	0
"2013-07-02	18:00:00"	9.51	106.2	37.04	20.09	7.988	105	43.27	20.09	81	82.4	-1.457	28.77	26.44	26.437	601.01	0
"2013-07-02	19:00:00"	10.15	135.9	17.42	20.68	8.39	134.5	18.38	20.68	80.4	81.5	-1.08	31.14	28.93	26.42	310.22	0
"2013-07-02	20:00:00"	9.54	149.6	17.25	15.91	7.833	148.4	17.61	12.93	79.7	80.3	-0.587	32.08	30.32	26.423	99.934	0
"2013-07-02	21:00:00"	8.82	155.9	17.49	12.33	7.144	154.3	17.61	10.54	78.83	79.15	-0.322	34.15	32.6	26.431	39.684	0
"2013-07-02	22:00:00"	5.984	170.4	11.35	10.54	4.723	164.8	13.09	8.16	76.62	76.56	0.051	41.31	40.08	26.44	0.21631	0
"2013-07-02	23:00:00"	5.916	178	16.74	10.54	4.41	176.6	20	8.75	74.47	74.16	0.314	45.87	45.12	26.455	0	0
"2013-07-03	00:00:00"	3.497	170.8	21.42	6.368	2.441	143.7	43.14	4.578	71.91	71.1	0.809	51.81	52.2	26.468	0	0
"2013-07-03	01:00:00"	4.141	118	22.15	7.561	2.326	76.9	24.53	5.771	70.03	67.82	2.206	54.98	58.36	26.476	0	0
"2013-07-03	02:00:00"	7.788	103.4	7.235	9.35	4.012	83.7	9.62	5.771	68.78	65.18	3.602	57.94	64.23	26.466	0	0
"2013-07-03	03:00:00"	6.875	117.8	16.21	9.35	4.036	101.8	25.85	6.964	67.69	65.28	2.408	57.11	61.85	26.469	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-03	04:00:00"	7.336	141.6	9.7	9.95	4.804	135.4	12.01	6.964	68.14	66.85	1.289	48.85	50.94	26.458	0	0
"2013-07-03	05:00:00"	7.935	154.1	14.23	12.33	5.945	149.7	14.47	9.95	67.51	66.9	0.609	46.78	46.72	26.446	0	0
"2013-07-03	06:00:00"	6.138	134.9	11.87	8.16	3.643	120.4	19.52	6.368	65.29	63.84	1.454	50.2	52.15	26.438	0	0
"2013-07-03	07:00:00"	5.947	111.3	8.33	8.16	3.323	81.8	7.801	5.175	63.3	60.97	2.323	53.74	58.04	26.44	1.4899	0
"2013-07-03	08:00:00"	6.081	96.2	6.966	8.16	3.802	80.1	10.87	5.771	62.88	61.56	1.323	56.32	59.42	26.444	74.392	0
"2013-07-03	09:00:00"	8.77	141.8	18.76	17.7	7.151	140.1	20.03	17.1	68.45	68.71	-0.266	42.89	41.86	26.45	262.92	0
"2013-07-03	10:00:00"	15.28	170.6	11.1	23.66	12.44	167.9	13.32	20.09	73.02	74.3	-1.285	34.42	32.13	26.454	502.24	0
"2013-07-03	11:00:00"	16.78	174.4	9.22	23.66	13.65	171.9	12	20.09	75.98	77.67	-1.692	30.98	28.33	26.45	672.02	0
"2013-07-03	12:00:00"	16.15	183.2	13.79	24.86	13.07	181.2	16.27	21.87	78.46	80.5	-2.042	29.26	26.39	26.439	806.78	0
"2013-07-03	13:00:00"	15.26	181	17.82	24.26	12.5	179	19.29	22.47	80.2	82.6	-2.357	28.93	25.82	26.423	912.92	0
"2013-07-03	14:00:00"	14.2	177	15.89	24.86	11.74	174.9	18.04	21.28	81.9	84.6	-2.665	27.81	24.55	26.405	972.27	0
"2013-07-03	15:00:00"	13.09	176.1	26.25	27.84	10.81	174.4	29.56	21.28	83	85.1	-2.099	25.75	22.86	26.387	767.23	0
"2013-07-03	16:00:00"	12.46	181.5	27.48	27.24	10.31	180.6	29.76	20.68	84.1	86.3	-2.196	23.87	21.01	26.365	761.08	0
"2013-07-03	17:00:00"	13.87	166.3	17.43	23.66	11.5	164.8	19.19	21.87	84.8	87.1	-2.216	23.01	20.17	26.343	747.62	0
"2013-07-03	18:00:00"	13.19	168.3	21.97	24.26	10.74	167	23.93	21.28	85.4	87.1	-1.771	21.98	19.37	26.321	454.63	0
"2013-07-03	19:00:00"	13.81	157.2	20.97	22.47	11.23	156	22.47	19.49	85.3	86.5	-1.264	21.62	19.31	26.306	303.68	0
"2013-07-03	20:00:00"	10.65	162.6	12.71	17.1	8.74	160.3	12.97	16.51	84.5	85.1	-0.546	21.84	19.91	26.308	89.064	0
"2013-07-03	21:00:00"	10.72	157.2	9.99	15.31	8.81	154.3	10.12	14.72	83.3	83.3	-0.029	22.34	20.71	26.3	25.979	0
"2013-07-03	22:00:00"	10.21	156.3	9.72	16.51	8.2	153.8	9.97	12.33	80.3	80.1	0.116	24.45	22.96	26.311	0.27261	0
"2013-07-03	23:00:00"	8.52	153.1	12.84	12.33	6.736	150.9	13.36	10.54	77.87	77.79	0.077	27.03	25.61	26.334	0	0
"2013-07-04	00:00:00"	8.27	116.6	15.32	11.74	6.096	113.7	17.22	9.95	76.36	76.11	0.254	30.12	29.18	26.348	0	0
"2013-07-04	01:00:00"	8.91	143.4	10.69	12.33	6.969	141.8	10.34	9.95	76.02	75.84	0.18	30.44	29.2	26.342	0	0
"2013-07-04	02:00:00"	8.49	162.4	9.4	14.12	6.67	159.1	9.91	11.14	73.68	73.4	0.276	32.62	31.48	26.334	0	0
"2013-07-04	03:00:00"	11.19	171.2	6.851	15.31	8.9	168.1	8.77	13.52	71.97	71.76	0.209	34.72	33.55	26.322	0	0
"2013-07-04	04:00:00"	10.44	174.2	7.213	14.72	8.03	171.7	9.02	12.33	70.16	69.92	0.246	37.69	36.56	26.31	0	0
"2013-07-04	05:00:00"	10.42	173.7	7.563	16.51	8.14	171	9	13.52	68.73	68.47	0.266	41.04	39.8	26.304	0	0
"2013-07-04	06:00:00"	12.32	172.2	7.004	17.1	9.79	169.3	9.32	14.12	68.47	68.21	0.264	43.34	42.08	26.303	0	0
"2013-07-04	07:00:00"	12.34	174.7	6.457	16.51	9.62	171.8	8.79	13.52	67.81	67.52	0.29	45.77	44.61	26.305	0.604	0
"2013-07-04	08:00:00"	9.97	116.2	63.07	21.87	7.756	112.7	61.71	18.89	67.28	67.1	0.178	47.95	46.71	26.333	15.785	0
"2013-07-04	09:00:00"	14.1	88.4	23.49	23.07	11.03	88.7	23.36	17.1	69.16	69.06	0.096	49.6	49.4	26.362	149.96	0
"2013-07-04	10:00:00"	17.91	108.6	12.31	26.65	14.33	109.2	14.15	23.66	70.43	71.2	-0.771	52.46	50.12	26.363	379.08	0
"2013-07-04	11:00:00"	21.69	132.4	9.31	30.82	17.11	132.7	10.49	26.65	71.69	72.72	-1.027	47.7	44.67	26.35	396.17	0
"2013-07-04	12:00:00"	22.03	142.9	10.35	32.01	17.81	142.1	10.96	27.24	73.86	75.02	-1.165	41.86	38.85	26.347	402.96	0
"2013-07-04	13:00:00"	22.4	147.8	10.96	33.21	18.4	146.8	11.57	32.01	76.19	77.81	-1.613	39.37	36.2	26.349	750.18	0
"2013-07-04	14:00:00"	26.04	164.7	12.03	37.98	21.36	161.9	13.12	34.4	80	81.8	-1.778	34.36	31.21	26.33	901.51	0
"2013-07-04	15:00:00"	21.52	168.4	13.65	32.61	17.58	166.7	15	29.63	82.9	85.6	-2.723	30.97	27.32	26.313	984.01	0
"2013-07-04	16:00:00"	17.95	165	14.42	27.84	14.85	163.1	15.97	26.05	84	86.8	-2.848	31.78	28	26.298	811.32	0
"2013-07-04	17:00:00"	15.78	160.2	15.49	25.45	13.15	158.2	16.45	23.66	84.6	87.1	-2.551	32.16	28.58	26.286	858.58	0
"2013-07-04	18:00:00"	13.85	140.8	12.36	20.09	11.49	140.1	12.52	17.1	83.6	85.6	-2.025	32.92	29.71	26.278	437.08	0
"2013-07-04	19:00:00"	13.11	149.7	13.31	18.89	10.94	148.5	13.5	17.1	83.6	85.2	-1.615	32.31	29.43	26.267	435.93	0
"2013-07-04	20:00:00"	11.31	154.9	11.77	17.1	9.38	153.1	11.85	14.12	83.5	84.4	-0.896	31.78	29.47	26.266	217.29	0
"2013-07-04	21:00:00"	10.03	141.6	8.98	14.12	8.16	140.6	9.8	12.93	82.6	83.2	-0.56	32.42	30.4	26.272	59.421	0
"2013-07-04	22:00:00"	7.541	130.9	7.595	10.54	5.206	128.5	8.57	8.16	78.94	78.84	0.099	37.81	36.09	26.286	0.34267	0
"2013-07-04	23:00:00"	9.14	126	6.428	12.33	6.537	125	8.55	9.95	75.34	75.25	0.095	45.53	43.86	26.302	0	0
"2013-07-05	00:00:00"	7.573	130.3	7.961	11.74	5.844	127.9	9.16	8.75	73.22	72.91	0.309	48.7	47.65	26.316	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-05	01:00:00"	9.48	137.2	6.938	12.93	6.919	135.3	7.911	10.54	72.55	72.14	0.411	50.06	49.17	26.315	0
"2013-07-05	02:00:00"	10.15	142	10.16	15.31	7.706	140.8	10.2	12.33	72.11	71.72	0.391	50.47	49.58	26.314	0
"2013-07-05	03:00:00"	9.79	143.2	6.567	14.12	7.515	142	7.173	11.14	71	70.76	0.24	52.06	50.91	26.317	0
"2013-07-05	04:00:00"	8.29	149.3	7.641	11.74	6.432	147.1	7.978	9.35	69.88	69.64	0.235	53.32	52.27	26.31	0
"2013-07-05	05:00:00"	8.08	147.2	6.988	11.14	6.134	145.2	7.294	9.35	69.28	68.88	0.404	51.79	51.02	26.307	0
"2013-07-05	06:00:00"	7.356	134.7	13.92	11.74	4.899	129.1	18.19	8.75	67.77	67.01	0.765	52.92	52.74	26.309	0
"2013-07-05	07:00:00"	6.891	128.8	9.84	9.35	4.299	119.4	12.7	6.964	65.48	64.44	1.047	58.06	58.54	26.311	1.6335
"2013-07-05	08:00:00"	8.85	135.8	10.07	12.33	6.707	133.9	11.14	9.95	65.81	65.59	0.224	59.67	58.85	26.319	73.73
"2013-07-05	09:00:00"	11.4	166.7	10.34	22.47	9.32	164.1	11.81	20.09	69.68	70.01	-0.337	55.32	53.34	26.329	226.61
"2013-07-05	10:00:00"	18.01	175.1	8.5	24.26	14.44	172.8	11.01	21.28	75.27	76.22	-0.953	47.24	44.32	26.329	439.6
"2013-07-05	11:00:00"	15.74	171.9	10.52	22.47	12.8	170.1	12.97	18.89	78.54	80.2	-1.656	43	39.35	26.329	640.84
"2013-07-05	12:00:00"	15.75	169.5	12.2	23.07	12.94	167.2	13.4	22.47	81.6	83.8	-2.215	39.34	35.69	26.328	798.57
"2013-07-05	13:00:00"	16.62	159.2	14.05	25.45	13.85	156.7	14.81	22.47	84.9	87.3	-2.442	35.97	32.3	26.314	907.29
"2013-07-05	14:00:00"	18.28	173.8	13.34	27.84	14.84	171.9	15.84	24.26	87	89.8	-2.737	32.83	29.05	26.298	956.72
"2013-07-05	15:00:00"	18.84	172.2	13.46	30.82	15.47	169.9	15.37	26.05	89	91.6	-2.604	29.21	25.7	26.273	938.01
"2013-07-05	16:00:00"	17.07	167.6	18.32	29.03	13.99	166.1	19.96	26.05	90.7	93.2	-2.469	27.21	23.89	26.252	903.41
"2013-07-05	17:00:00"	16.16	162.1	18.17	30.82	13.22	160.7	19.29	24.26	92	94.3	-2.294	25.68	22.53	26.232	787.18
"2013-07-05	18:00:00"	14.01	165.3	19.08	24.86	11.5	163.8	20.71	23.07	92.2	94.2	-1.986	24.59	21.67	26.219	620.63
"2013-07-05	19:00:00"	14.89	165.6	18.25	23.66	11.97	163.3	19.14	20.09	92.3	93.9	-1.544	24.52	21.84	26.204	426.35
"2013-07-05	20:00:00"	17.54	145.9	13.52	28.43	14.17	144.8	13.54	24.86	91.3	92.3	-0.928	26.31	23.98	26.204	221.11
"2013-07-05	21:00:00"	17.26	145.5	7.907	25.45	13.91	143.7	8.41	23.66	89	89.3	-0.322	28.9	26.98	26.213	46.21
"2013-07-05	22:00:00"	12.62	145.2	7.053	18.89	10.05	143.9	7.855	15.91	86	85.9	0.08	31.88	30.3	26.236	0.25875
"2013-07-05	23:00:00"	14.41	148.1	9.77	23.07	11.74	146.8	10.01	20.68	83.6	83.5	0.098	34.73	33.25	26.254	0
"2013-07-06	00:00:00"	13.97	159.5	9.42	20.68	11.46	156.9	9.97	18.89	81.5	81.5	0.067	36.81	35.36	26.274	0
"2013-07-06	01:00:00"	14.24	165.9	9.48	25.45	11.52	163.6	10.65	21.28	79.35	79.22	0.132	38.15	36.8	26.282	0
"2013-07-06	02:00:00"	18.05	171.8	7.198	24.86	14.47	169.6	9.36	21.28	78.26	78.15	0.112	37.94	36.57	26.283	0
"2013-07-06	03:00:00"	18.44	174.2	6.473	26.65	14.72	172	8.94	21.87	76.91	76.83	0.082	39.65	38.23	26.287	0
"2013-07-06	04:00:00"	16.3	173.7	7.03	22.47	13.05	171.1	9.62	18.89	75.89	75.86	0.026	42.23	40.52	26.288	0
"2013-07-06	05:00:00"	16.06	169.4	9.53	25.45	12.8	166.8	11.03	21.87	74.9	74.81	0.097	42.87	41.27	26.28	0
"2013-07-06	06:00:00"	15.42	168.8	8.88	22.47	12.35	167	10.38	20.09	74.05	73.97	0.084	44.56	43	26.277	0
"2013-07-06	07:00:00"	15.51	166.5	9.71	24.26	12.52	164.3	11.09	20.09	73.08	73.02	0.066	47.67	46.11	26.278	0.58136
"2013-07-06	08:00:00"	14.57	171.8	8.39	21.28	11.8	169.6	10.37	17.1	72.67	72.71	-0.044	51.47	49.81	26.296	19.354
"2013-07-06	09:00:00"	14.62	162.1	10.8	22.47	12	159.4	11.77	18.89	73.24	73.61	-0.366	53.3	51.2	26.308	172.08
"2013-07-06	10:00:00"	17.28	164.7	11.82	25.45	14.17	162.2	12.87	21.28	75.62	76.8	-1.18	50.73	47.34	26.308	470.68
"2013-07-06	11:00:00"	19.08	163.5	11.59	26.65	15.62	160.9	12.82	25.45	78.97	80.5	-1.513	45.71	41.91	26.291	632
"2013-07-06	12:00:00"	18.13	172.3	11.89	27.84	14.8	169.8	13.85	23.07	82.1	84.1	-2.044	42.05	38.03	26.284	787.8
"2013-07-06	13:00:00"	17.09	162.6	15.61	26.05	14.04	160.8	16.95	21.87	85.4	87.7	-2.284	37.29	33.66	26.277	895.68
"2013-07-06	14:00:00"	16.73	161.1	17.79	25.45	13.83	158.9	18.22	21.87	88.6	90.6	-1.958	33.75	30.46	26.264	943.72
"2013-07-06	15:00:00"	17.11	151.2	15.89	27.84	14.18	149.3	16.05	22.47	89.7	92.3	-2.535	32.34	28.72	26.253	917.93
"2013-07-06	16:00:00"	16.65	159.8	19.78	27.24	13.69	158.3	20.51	21.87	91.4	93.9	-2.476	28.26	24.88	26.24	885.47
"2013-07-06	17:00:00"	17.36	154.7	16.95	26.65	14.22	153.4	17.4	23.07	92.6	94.9	-2.267	25.54	22.39	26.221	777.28
"2013-07-06	18:00:00"	17.38	155	16.53	27.24	14.19	153.4	16.91	26.05	93	95	-2.034	24.26	21.3	26.211	614.76
"2013-07-06	19:00:00"	17.76	150.9	13.43	27.84	14.51	149.5	13.55	23.66	92.6	94	-1.395	24.61	22	26.203	423.73
"2013-07-06	20:00:00"	18.87	149	12.1	26.65	15.38	147.3	11.81	23.66	91.4	92.1	-0.795	26.25	23.99	26.208	217.4
"2013-07-06	21:00:00"	16.81	147	9.17	27.24	13.65	145.3	9.39	21.87	89.3	89.5	-0.228	27.23	25.35	26.228	48.038

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-06	22:00:00"	13.02	147.8	8.21	18.89	10.51	146.2	7.969	15.91	86.2	86.1	0.073	30.67	29.06	26.254	0.25874	0	
"2013-07-06	23:00:00"	13.98	149.6	8.85	21.87	11.32	147.9	9.29	17.7	83.7	83.5	0.13	30.89	29.38	26.275	0	0	
"2013-07-07	00:00:00"	12.33	152.9	8.79	18.89	10.04	151.2	9.18	15.31	81.2	81.1	0.119	31.33	29.83	26.296	0	0	
"2013-07-07	01:00:00"	9.76	161.2	9.72	14.72	8.04	158.1	10.46	12.33	78.42	78.31	0.109	33.38	31.93	26.307	0	0	
"2013-07-07	02:00:00"	10.65	167	8.91	17.1	8.5	164.6	9.82	14.12	76.89	76.74	0.152	35.23	33.84	26.302	0	0	
"2013-07-07	03:00:00"	12.35	171.6	7.671	18.3	9.82	169.2	9.11	15.31	76.56	76.46	0.102	37.97	36.56	26.305	0	0	
"2013-07-07	04:00:00"	11.16	169.9	7.761	15.31	8.93	168.1	9.73	14.12	75.84	75.83	0.01	41.41	39.71	26.309	0	0	
"2013-07-07	05:00:00"	8.99	159.5	11.55	15.31	7.281	157.1	11.94	12.33	74.59	74.56	0.024	45.06	43.36	26.308	0	0	
"2013-07-07	06:00:00"	8.33	143.1	7.131	11.14	6.498	141.7	7.419	9.35	72.79	72.66	0.126	48.66	47.13	26.316	0	0	
"2013-07-07	07:00:00"	7.033	130.3	8.52	10.54	4.932	128.6	9.21	8.16	71.49	71.19	0.3	51.64	50.36	26.331	0.78658	0	
"2013-07-07	08:00:00"	7.544	159.5	16.5	12.33	5.994	157	17.34	11.14	71.16	71.64	-0.476	53.9	52.05	26.355	61.33	0	
"2013-07-07	09:00:00"	10.99	171.8	10.3	20.68	9.01	168.1	12.38	17.1	73.26	74.92	-1.659	58.9	55.14	26.375	334.32	0	
"2013-07-07	10:00:00"	17.7	163.8	11.96	27.84	14.4	161.1	12.75	21.28	76.65	79.4	-2.753	59.22	54.13	26.39	463.48	0	
"2013-07-07	11:00:00"	17.91	160.2	11.71	27.24	14.76	158.1	12.78	23.66	78.29	81.1	-2.797	54	48.92	26.385	561.61	0	
"2013-07-07	12:00:00"	15.97	159.3	12.3	25.45	13.27	157.1	13.1	21.28	80.3	82.5	-2.2	48.3	43.7	26.374	730.82	0	
"2013-07-07	13:00:00"	16.49	149.1	13.54	27.84	13.82	147.4	14.23	23.07	82.9	85.1	-2.196	39.51	35.72	26.364	764.07	0	
"2013-07-07	14:00:00"	16.46	149.6	13.92	26.65	13.62	148.2	13.91	22.47	84.8	86.6	-1.75	35.17	32.08	26.351	646.06	0	
"2013-07-07	15:00:00"	16.2	145.6	14.64	26.65	13.41	144.5	15.38	21.87	87.1	89.5	-2.325	30.17	26.84	26.339	840.32	0	
"2013-07-07	16:00:00"	16.18	151.1	20.65	28.43	13.34	150	21.23	25.45	88.3	91.1	-2.75	31.48	27.77	26.329	930.48	0	
"2013-07-07	17:00:00"	16.47	146	16.67	28.43	13.57	145.3	17.15	23.66	89.1	92	-2.9	28.98	25.31	26.321	757.74	0	
"2013-07-07	18:00:00"	14.73	137.7	16.96	24.86	12.14	137.8	17.79	20.68	89.7	92.2	-2.421	28.08	24.77	26.313	633.93	0	
"2013-07-07	19:00:00"	16.04	142.8	12.94	26.65	12.99	141.9	13.38	22.47	89.8	91.5	-1.717	28.18	25.31	26.301	387.26	0	
"2013-07-07	20:00:00"	15.32	145.1	11.59	23.66	12.46	144.9	12.54	20.68	88.8	89.6	-0.818	29.19	26.9	26.303	138.27	0	
"2013-07-07	21:00:00"	14.4	141.3	7.34	20.09	11.59	140.4	8.23	17.1	87.6	87.8	-0.236	29.6	27.73	26.318	32.306	0	
"2013-07-07	22:00:00"	9.95	136.3	7.388	14.72	7.692	135.3	8.06	12.93	85.2	85	0.182	31.25	29.74	26.342	0.26136	0	
"2013-07-07	23:00:00"	8.35	127.7	6.747	11.74	5.753	126.3	8.76	9.35	81.7	82	-0.267	34.64	33.07	26.363	0	0	
"2013-07-08	00:00:00"	9.77	140.7	7.552	13.52	7.461	139.6	7.994	11.14	80.2	81.2	-1.01	36.28	34.42	26.37	0	0	
"2013-07-08	01:00:00"	8.73	152.5	8.58	12.93	6.917	149.9	8.72	10.54	79.2	80.4	-1.191	37.57	35.69	26.38	0	0	
"2013-07-08	02:00:00"	8.85	166.9	8.43	17.7	6.982	164.1	9.43	12.93	77.7	78.87	-1.167	41.19	38.93	26.381	0	0	
"2013-07-08	03:00:00"	8.81	169.4	7.668	14.12	6.867	165.8	8.99	11.14	76.77	78.32	-1.544	43.82	41.19	26.377	0	0	
"2013-07-08	04:00:00"	8.01	176.2	8.07	10.54	6.118	172.9	9.54	8.75	75.5	76.79	-1.287	47.14	44.52	26.383	0	0	
"2013-07-08	05:00:00"	4.768	183.2	8.83	8.75	3.261	180.9	9.85	6.964	74.23	74.57	-0.341	50.3	48.34	26.396	0	0	
"2013-07-08	06:00:00"	5.62	168.9	11.7	10.54	4.124	163.8	13.29	8.16	73.49	73.86	-0.367	54.01	52.28	26.408	0	0	
"2013-07-08	07:00:00"	5.92	150.1	9.23	11.14	4.334	144	10.63	8.16	72.35	73.85	-1.498	59.32	56.18	26.422	1.4078	0	
"2013-07-08	08:00:00"	5.282	121.6	14.42	11.74	3.426	106.7	21.64	10.54	70.66	71.66	-0.998	63.94	60.62	26.434	75.359	0	
"2013-07-08	09:00:00"	12.24	165	11.65	20.09	10.11	162.1	12.63	16.51	74.31	79.27	-4.963	66.69	59.09	26.448	252.08	0	
"2013-07-08	10:00:00"	15.13	174.8	8.65	20.68	12.32	171.7	10.86	17.7	77.02	82.6	-5.58	62.72	53.61	26.46	446.47	0	
"2013-07-08	11:00:00"	15.75	173.4	12.11	22.47	12.95	171.5	14.14	19.49	79.48	85.1	-5.593	55.55	46.71	26.463	643.63	0	
"2013-07-08	12:00:00"	14.14	170	15.01	23.07	11.73	168	16.89	20.68	81.9	87.6	-5.695	48.94	40.85	26.463	778.18	0	
"2013-07-08	13:00:00"	13.45	160.7	17.25	23.66	11.26	157.9	18.14	18.89	84.3	90.4	-6.157	43.1	35.81	26.461	902.26	0	
"2013-07-08	14:00:00"	11.57	156.3	23.01	26.65	9.64	154.7	25.29	21.87	85.5	90.3	-4.774	39.55	34.01	26.45	723.91	0	
"2013-07-08	15:00:00"	12.21	161.9	24.97	22.47	10.27	160.7	27.47	19.49	87.5	92.2	-4.65	36.24	31.36	26.426	987.36	0	
"2013-07-08	16:00:00"	12.98	153.1	21.48	24.86	10.79	151.8	22.22	21.28	88.7	94.2	-5.527	34.34	28.87	26.408	817.18	0	
"2013-07-08	17:00:00"	13.37	161.9	18.96	25.45	11.08	160.5	20.32	21.87	89.6	95.7	-6.073	31.68	26.2	26.39	791.55	0	
"2013-07-08	18:00:00"	12.64	164.2	21.03	23.07	10.47	162.5	21.94	19.49	90.5	96.1	-5.602	30.7	25.55	26.377	672.89	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-08	19:00:00"	12.66	156.4	18.8	21.87	10.46	154.5	20.54	18.3	90.8	95.3	-4.522	31.22	26.73	26.366	382.85	0
"2013-07-08	20:00:00"	14	148.4	15.84	22.47	11.45	146.6	15.81	20.09	89.9	94.1	-4.275	32.82	28.44	26.366	210.49	0
"2013-07-08	21:00:00"	13.93	149.1	10.6	21.28	11.49	147.2	10.73	19.49	87.9	91.9	-3.988	35.8	31.46	26.377	51.194	0
"2013-07-08	22:00:00"	13.96	160.4	9.35	23.66	11.52	157.4	10.22	20.68	84.9	88.5	-3.544	39.19	35.17	26.397	0.3478	0
"2013-07-08	23:00:00"	11.06	168.9	8.45	17.7	8.96	167.1	10.14	13.52	82.4	85.3	-2.954	43.24	38.98	26.434	0	0
"2013-07-09	00:00:00"	10.39	171.5	7.353	15.31	8.26	169.4	8.98	13.52	80.3	83.2	-2.971	46.84	42.46	26.455	0	0
"2013-07-09	01:00:00"	11.21	177.1	6.553	17.1	8.76	174.8	9.1	15.31	78.49	81.8	-3.261	50.7	45.72	26.46	0	0
"2013-07-09	02:00:00"	14.03	172.6	7.024	20.09	11.23	169.9	9.53	17.1	77.13	80.8	-3.701	54.35	48.55	26.467	0	0
"2013-07-09	03:00:00"	11.79	176	6.074	18.3	9.28	172.5	8.87	15.91	75.28	78.73	-3.449	59.42	53.8	26.468	0	0
"2013-07-09	04:00:00"	13.12	177.7	6.372	20.09	10.38	174.7	9.23	15.91	73.97	76.91	-2.947	61.67	56.63	26.462	0	0
"2013-07-09	05:00:00"	10.63	175.9	6.922	16.51	8.42	173.5	9.36	14.12	72.75	75.64	-2.895	61.73	56.98	26.46	0	0
"2013-07-09	06:00:00"	7.286	176.6	8.58	11.74	5.662	174.3	10.46	8.75	71.39	73.46	-2.068	63.53	60.09	26.46	0	0
"2013-07-09	07:00:00"	6.856	168.9	9.77	9.95	5.399	168.1	10.88	9.35	70.37	72.64	-2.269	65.95	62.39	26.467	1.4851	0
"2013-07-09	08:00:00"	7.424	158.7	11	12.33	6.077	156	11.61	9.95	70.12	72.53	-2.409	68.82	64.93	26.474	74.025	0
"2013-07-09	09:00:00"	14.18	162.1	10.44	22.47	11.67	159.9	11.73	19.49	72.07	76.31	-4.24	67.71	60.69	26.48	250.31	0
"2013-07-09	10:00:00"	15.98	174.6	10.32	23.07	12.94	172	12.74	20.68	74.27	78.59	-4.319	62.76	55.26	26.485	443.15	0
"2013-07-09	11:00:00"	13.75	172.2	13.48	21.28	11.29	169.4	15.94	18.3	76.67	79.18	-2.508	57.67	52.16	26.484	614.93	0
"2013-07-09	12:00:00"	11.15	163.8	17.84	20.68	9.41	161.3	19.01	17.7	79.03	81.3	-2.289	52.82	47.78	26.483	765.18	0
"2013-07-09	13:00:00"	10.91	161.4	25.7	23.66	9.18	159.6	26.84	20.68	81.6	84.2	-2.51	47.23	42.12	26.473	891.7	0
"2013-07-09	14:00:00"	11.23	161.2	24.22	22.47	9.44	160	27.32	20.09	84.3	86.9	-2.62	43.12	38.31	26.46	941.95	0
"2013-07-09	15:00:00"	12.65	158.8	26.01	24.26	10.5	159.2	28.1	20.68	86.2	89.2	-2.997	39.92	35.47	26.44	933.73	0
"2013-07-09	16:00:00"	12.52	153.6	26.05	23.66	10.6	152.1	26.08	20.68	87.4	90.2	-2.81	39.47	35.26	26.426	870.15	0
"2013-07-09	17:00:00"	12.58	141.7	18.54	24.26	10.53	140.5	19.13	20.68	87.9	90.3	-2.462	38.23	34.4	26.407	659.01	0
"2013-07-09	18:00:00"	13.05	142.6	21.17	22.47	10.76	142.2	21.64	18.89	88.8	91.2	-2.394	37.06	33.36	26.387	603.9	0
"2013-07-09	19:00:00"	12.8	135.5	17.33	20.68	10.52	135.3	18.83	18.89	88.5	90.2	-1.658	37.08	33.98	26.376	328.08	0
"2013-07-09	20:00:00"	14.31	148.6	15.12	22.47	11.79	147	15.38	17.7	88.5	89.7	-1.207	37.04	34.35	26.37	232.41	0
"2013-07-09	21:00:00"	16.64	145.6	9.03	22.47	13.5	144.5	9.78	21.28	86.8	87.5	-0.641	38.44	36.25	26.378	57.306	0
"2013-07-09	22:00:00"	15.24	149.2	8.68	24.26	12.44	147.6	9.19	21.87	84.4	84.6	-0.21	42.73	40.65	26.393	0.32626	0
"2013-07-09	23:00:00"	12.78	151.9	9.41	18.89	10.47	150.2	9.62	15.91	82.2	82.3	-0.108	47.04	45.14	26.417	0	0
"2013-07-10	00:00:00"	9.87	155.1	9.36	15.31	8.16	152.5	9.43	12.93	80.6	80.7	-0.052	50.19	48.45	26.435	0	0
"2013-07-10	01:00:00"	10.47	155.4	10.07	17.1	8.61	153	10.21	14.12	79.36	79.4	-0.039	52.8	51.15	26.448	0	0
"2013-07-10	02:00:00"	9.99	160	9.84	14.72	8.25	157	10.21	12.33	77.77	77.8	-0.034	55.87	54.29	26.447	0	0
"2013-07-10	03:00:00"	7.876	149	8.43	11.14	6.248	146.1	8.14	9.35	75.76	75.78	-0.013	59.32	57.81	26.438	0	0
"2013-07-10	04:00:00"	7.533	137.9	9.04	10.54	5.592	134.9	10.35	8.75	74.37	74.24	0.129	60.79	59.55	26.436	0	0
"2013-07-10	05:00:00"	6.477	119.3	7.697	8.75	4.284	113.6	12.06	6.368	72.78	72.33	0.457	62.32	61.61	26.435	0	0
"2013-07-10	06:00:00"	6.018	75.85	8.86	7.561	3.946	65.32	12.95	5.771	70.85	70.34	0.512	66.01	65.29	26.439	0	0
"2013-07-10	07:00:00"	6.568	98.6	12.08	8.16	3.913	87.4	11.74	5.771	69.59	68.79	0.799	68.45	68.15	26.441	0.82028	0
"2013-07-10	08:00:00"	6.525	115.5	18.35	11.74	4.758	105.3	26.95	9.95	70.03	69.89	0.145	67.65	66.59	26.447	68.022	0
"2013-07-10	09:00:00"	11.76	159.3	12.98	20.09	9.67	156.9	13.66	17.7	74.45	75.16	-0.717	59.91	57.39	26.451	247.29	0
"2013-07-10	10:00:00"	13.39	174.2	11.8	19.49	10.9	171.5	14.29	16.51	77.92	79.57	-1.654	54.75	50.95	26.456	447.69	0
"2013-07-10	11:00:00"	11.95	179	12.36	18.3	9.87	177.4	16.04	15.91	80.8	84.7	-3.874	50.91	44.88	26.455	637.35	0
"2013-07-10	12:00:00"	8.66	201.8	30.83	15.31	7.41	202.1	34.76	14.72	83.8	86.8	-2.994	45.85	40.83	26.457	803.65	0
"2013-07-10	13:00:00"	7.611	203	45.2	14.72	6.457	205	49.71	14.12	86.1	89.4	-3.287	42.08	37.38	26.445	912.04	0
"2013-07-10	14:00:00"	8.51	180.8	30.39	17.7	7.214	179	33.15	15.31	88.2	91.5	-3.313	38.22	34.14	26.425	909.87	0
"2013-07-10	15:00:00"	8.97	184.1	32	20.09	7.618	182.8	36.97	18.89	89.7	91.9	-2.207	35.75	32.36	26.404	663.44	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-10	16:00:00"	10.15	171.4	32.96	20.68	8.54	169	36.74	18.89	91	95.8	-4.739	34.32	29.43	26.387	843.09	0	
"2013-07-10	17:00:00"	10.59	167.3	23.6	22.47	8.86	166.9	26.08	19.49	91.7	96.4	-4.634	33.84	29.17	26.37	649.39	0	
"2013-07-10	18:00:00"	10.79	160.4	20.59	19.49	9.06	158.4	22.33	16.51	92.3	97.4	-5.071	32.45	27.59	26.35	539.22	0	
"2013-07-10	19:00:00"	13.52	145.7	13.18	21.28	11.25	144.3	13.27	18.89	92.7	97.9	-5.222	32.1	27.18	26.331	346.73	0	
"2013-07-10	20:00:00"	14.63	150.7	12.13	25.45	12.03	149.1	12.44	21.87	92	96	-3.992	32.47	28.38	26.317	162.91	0	
"2013-07-10	21:00:00"	13.01	151.7	14.34	18.3	10.51	150.4	14.35	15.91	91.2	95	-3.784	32.16	28.32	26.322	75.181	0	
"2013-07-10	22:00:00"	11.43	153.9	8.8	16.51	9.36	151.6	9.3	14.72	88.7	91.8	-3.173	34.49	31.01	26.337	0.31524	0	
"2013-07-10	23:00:00"	11.02	155.6	8.95	15.91	9.12	152.6	9.09	12.93	86.2	89.2	-2.973	36.58	33.29	26.361	0	0	
"2013-07-11	00:00:00"	10.82	152.7	9.1	16.51	8.82	150.4	9.15	12.93	83.9	86.7	-2.783	38.25	34.96	26.381	0	0	
"2013-07-11	01:00:00"	10.89	167.9	9.25	15.91	8.69	165.5	10.59	14.12	81.9	85.1	-3.184	39.05	35.66	26.396	0	0	
"2013-07-11	02:00:00"	13.84	174.6	6.529	20.09	10.94	171.6	8.9	17.1	81	83.8	-2.812	40.87	37.37	26.402	0	0	
"2013-07-11	03:00:00"	12.4	178	6.193	17.7	9.71	175	8.87	14.12	79.02	81.9	-2.905	44.01	39.8	26.404	0	0	
"2013-07-11	04:00:00"	11.2	179.8	6.78	15.31	8.85	177.3	9.52	12.93	77.29	79.3	-2.012	47.71	44.17	26.394	0	0	
"2013-07-11	05:00:00"	12.53	175.5	6.23	17.1	9.69	172.8	8.98	14.12	75.91	78.33	-2.414	52.09	48.27	26.387	0	0	
"2013-07-11	06:00:00"	11.63	174.5	6.417	17.1	9.13	172.3	8.88	14.12	75.14	75.13	0.017	54.63	53.19	26.393	0	0	
"2013-07-11	07:00:00"	11.72	174.1	6.662	15.31	9.06	172	9.13	13.52	74.9	74.74	0.152	55.51	54.3	26.394	1.1075	0	
"2013-07-11	08:00:00"	10.37	170.5	8.66	14.72	8.3	168.9	10.04	13.52	75.27	75.39	-0.123	55.61	54.02	26.399	79.605	0	
"2013-07-11	09:00:00"	13.97	179.2	8.19	19.49	11.12	177.1	11.68	16.51	77.62	78.53	-0.906	52.43	49.64	26.407	242.71	0	
"2013-07-11	10:00:00"	12.66	186.1	10.88	18.89	10.16	184.8	14.27	15.91	80.6	81.9	-1.253	47.99	44.68	26.412	385.54	0	
"2013-07-11	11:00:00"	12.05	193.1	12.57	17.1	9.82	192.2	15.33	15.31	83.3	85.2	-1.923	42.83	39.01	26.404	645.41	0	
"2013-07-11	12:00:00"	10.73	182	16.06	18.89	8.88	180.9	19.06	17.1	86.4	88.7	-2.317	35.32	31.86	26.398	754.05	0	
"2013-07-11	13:00:00"	10.73	169.9	22.98	20.09	8.88	168.8	25.2	17.1	88.7	91.3	-2.551	28.79	25.56	26.387	799.5	0	
"2013-07-11	14:00:00"	9.72	159.1	34.29	21.87	8.08	156.7	35.76	18.89	90.3	94.5	-4.187	25.56	21.69	26.375	936.32	0	
"2013-07-11	15:00:00"	10.14	147.8	39.1	21.28	8.51	146.3	39.09	17.7	91.6	94.6	-2.973	24.97	21.5	26.36	928.09	0	
"2013-07-11	16:00:00"	11.24	158.9	30.14	23.66	9.37	158.2	33.37	22.47	92	94.8	-2.807	24.8	21.44	26.347	875.28	0	
"2013-07-11	17:00:00"	12.34	144.7	24.59	25.45	10.21	143.4	24.7	20.09	92.8	95.3	-2.551	24.87	21.64	26.329	697.1	0	
"2013-07-11	18:00:00"	11.38	162.4	19.87	20.68	9.44	161.3	23.02	18.3	92.7	94.8	-2.052	24.82	21.86	26.306	580.06	0	
"2013-07-11	19:00:00"	12.36	148	21.23	24.26	10.22	146.6	22.18	20.68	92.9	94.7	-1.845	25.39	22.52	26.287	457.11	0	
"2013-07-11	20:00:00"	12.15	151.7	15.1	21.28	10.08	150	15.25	17.7	92.5	93.8	-1.281	25.73	23.19	26.286	262.48	0	
"2013-07-11	21:00:00"	14.73	152	12.06	21.87	11.99	150.7	12.34	18.89	90.9	91.5	-0.628	28.33	26.21	26.299	69.036	0	
"2013-07-11	22:00:00"	11.08	143.9	6.632	16.51	8.92	142.4	7.281	14.72	88.2	88.4	-0.125	30.32	28.58	26.31	0.4811	0	
"2013-07-11	23:00:00"	9.43	145.4	6.461	12.33	7.34	144.2	7.113	9.95	85.4	85.4	0.054	32.13	30.56	26.324	0	0	
"2013-07-12	00:00:00"	10.55	149.3	7.397	14.12	8.49	147.8	8.03	13.52	83.9	83.8	0.102	34.14	32.65	26.338	0	0	
"2013-07-12	01:00:00"	9.18	154	8.88	14.72	7.437	150.9	8.69	11.74	82.2	82.2	0.026	36.14	34.64	26.338	0	0	
"2013-07-12	02:00:00"	9.59	157.9	10.52	14.72	7.775	155.9	10.93	12.33	79.76	79.75	0.005	39.05	37.54	26.339	0	0	
"2013-07-12	03:00:00"	12.33	175.8	6.058	16.51	9.52	173.2	8.43	13.52	79.5	81.3	-1.847	43.72	40.54	26.344	0	0	
"2013-07-12	04:00:00"	11.78	178.3	6.161	17.1	9.13	175.1	8.8	13.52	77.9	81.1	-3.215	48.12	43.3	26.344	0	0	
"2013-07-12	05:00:00"	10.09	180.2	7.839	15.31	7.767	178.5	11.04	11.74	76.02	78.92	-2.907	52.63	47.83	26.35	0	0	
"2013-07-12	06:00:00"	7.624	184.1	9.05	11.14	5.764	184.4	12.78	8.75	74.62	77.16	-2.542	56.53	52.46	26.351	0	0	
"2013-07-12	07:00:00"	6.136	183.4	9.78	9.35	4.59	184.2	13.6	8.16	74.04	75.4	-1.366	58.31	55.52	26.354	1.0983	0	
"2013-07-12	08:00:00"	7.662	176.8	6.858	12.33	5.858	174	8.99	9.95	74.1	76.51	-2.404	58.18	54.84	26.356	71.84	0	
"2013-07-12	09:00:00"	11.86	180.9	8.25	18.89	9.43	177.8	11.16	15.31	77.15	81	-3.892	51.96	46.4	26.364	250.74	0	
"2013-07-12	10:00:00"	13.41	182.4	9.78	18.3	10.87	180.3	12.96	15.91	80.2	84.9	-4.673	46.82	40.27	26.371	448.37	0	
"2013-07-12	11:00:00"	11.74	180.7	12.48	17.7	9.62	178.5	15.62	15.31	82.9	88.1	-5.142	42.14	36.08	26.366	638.16	0	
"2013-07-12	12:00:00"	11.88	155.2	20.2	22.47	9.92	154.6	21.21	20.09	85.9	91.3	-5.353	36.73	31.33	26.362	798.05	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-12	13:00:00"	13.59	149.4	14.92	22.47	11.33	148.6	15.03	20.09	87.9	93.6	-5.637	33.83	28.39	26.356	907.34	0	
"2013-07-12	14:00:00"	12.73	150.4	22.04	24.86	10.62	149.8	23.53	21.87	89.7	95.8	-6.133	29.81	24.48	26.346	966.4	0	
"2013-07-12	15:00:00"	12.15	148.5	20.86	27.24	10.19	147.8	22.02	20.68	91	97.1	-6.125	27.08	22.13	26.331	938.99	0	
"2013-07-12	16:00:00"	11.21	148.4	28.57	22.47	9.48	147.6	30.82	21.28	92	97.4	-5.322	25.56	21.04	26.316	894.78	0	
"2013-07-12	17:00:00"	11.88	134.9	27.71	26.65	9.88	135.4	30.67	23.66	93	98.2	-5.161	23.45	19.22	26.297	791.47	0	
"2013-07-12	18:00:00"	12.74	142.8	26.03	23.66	10.52	142.4	26.71	20.09	93.8	99.1	-5.237	21.98	17.87	26.288	647.23	0	
"2013-07-12	19:00:00"	13.45	142.5	23.46	27.84	11.02	141.6	25.09	24.86	93.5	98.3	-4.815	23.17	19.13	26.281	415.51	0	
"2013-07-12	20:00:00"	14.61	147.7	14.86	24.86	11.99	146.6	14.61	18.89	93.1	96.9	-3.816	23.17	19.66	26.278	234.74	0	
"2013-07-12	21:00:00"	15.26	143.8	8.83	22.47	12.33	142.7	9.87	18.89	91.8	94.2	-2.403	24.64	21.76	26.289	59.478	0	
"2013-07-12	22:00:00"	11.71	146	7.269	18.3	9.29	144.4	7.756	14.72	89.2	91	-1.831	26.84	24.35	26.303	0.43283	0	
"2013-07-12	23:00:00"	10.16	146.9	7.337	13.52	8.08	144.9	7.806	11.74	86.6	88.4	-1.78	29.33	26.91	26.321	0	0	
"2013-07-13	00:00:00"	8.32	149	7.243	12.33	6.44	146.8	7.372	10.54	83.7	84.7	-0.936	31.84	29.84	26.336	0	0	
"2013-07-13	01:00:00"	12.49	170	11.29	18.89	9.95	167.1	12.5	15.91	82.3	84.2	-1.964	33.5	31	26.347	0	0	
"2013-07-13	02:00:00"	12.67	178.6	6.448	17.7	9.86	175.9	9.26	14.12	80.7	82.2	-1.519	35.65	33.3	26.364	0	0	
"2013-07-13	03:00:00"	10.06	173.8	7.536	15.91	7.802	171.1	9.51	12.93	78.73	79.9	-1.171	38.13	35.99	26.377	0	0	
"2013-07-13	04:00:00"	7.115	188.3	8.44	11.74	5.205	191.4	12.32	9.35	76.29	76.9	-0.609	40.72	38.74	26.377	0	0	
"2013-07-13	05:00:00"	5.421	192.2	8.68	8.16	3.702	196.6	10.92	5.771	75.09	75.22	-0.129	42.6	40.95	26.377	0	0	
"2013-07-13	06:00:00"	4.571	189	8.87	7.561	3.029	193.7	9.96	5.175	74.47	74.43	0.04	44.06	42.61	26.375	0	0	
"2013-07-13	07:00:00"	4.205	188.7	10.76	6.964	2.571	190.7	13.85	4.578	73.94	73.71	0.236	45.19	44.02	26.385	0.98474	0	
"2013-07-13	08:00:00"	5.024	161.6	12.04	8.16	3.532	152.7	19.23	6.964	73.96	74.03	-0.066	45.48	44.12	26.391	70.6	0	
"2013-07-13	09:00:00"	11.04	164.1	10.7	18.89	8.96	161.5	11.97	15.91	76.63	78.65	-2.017	43.83	40.52	26.403	252.05	0	
"2013-07-13	10:00:00"	12.09	165.7	12.66	20.09	9.98	163.2	13.88	17.7	79.58	82.3	-2.749	41.29	37.26	26.416	452	0	
"2013-07-13	11:00:00"	13.13	167.8	13.44	20.09	10.9	165.5	14.33	17.7	82.8	85	-2.241	37.76	34.24	26.412	643.55	0	
"2013-07-13	12:00:00"	14.46	152.8	16.66	24.26	11.97	151.5	17.05	20.68	85.7	88.2	-2.569	33.93	30.29	26.407	804.43	0	
"2013-07-13	13:00:00"	14.72	164.6	16.77	27.24	12.26	163.7	18.53	23.66	87.5	90.2	-2.778	30.55	26.91	26.397	914.26	0	
"2013-07-13	14:00:00"	12.98	157.9	23.12	25.45	10.8	157.7	24.98	21.87	88.8	91.8	-2.974	28.16	24.53	26.384	966.34	0	
"2013-07-13	15:00:00"	13.82	160.9	22.62	26.05	11.5	160.4	23.56	22.47	90.6	93.6	-3.001	26.94	23.33	26.364	950.32	0	
"2013-07-13	16:00:00"	12.7	145.5	26.18	24.26	10.49	145.1	27.67	20.68	91.8	94.6	-2.82	25.19	21.78	26.347	858.73	0	
"2013-07-13	17:00:00"	11.9	150.3	27.02	24.86	9.86	148	29.13	20.09	92.7	95	-2.328	22.34	19.33	26.331	777.1	0	
"2013-07-13	18:00:00"	11.04	132.2	22.41	21.87	9.19	130.3	22.78	20.09	93.3	95.2	-1.902	20.67	17.94	26.319	621.99	0	
"2013-07-13	19:00:00"	11.3	154.1	32.81	20.09	9.29	153.9	33.61	17.1	93.6	95.2	-1.568	20.34	17.78	26.308	441.54	0	
"2013-07-13	20:00:00"	12.37	150.3	16.53	20.68	10.19	149.1	17.13	19.49	93.2	94.2	-0.993	19.21	16.95	26.301	234.48	0	
"2013-07-13	21:00:00"	12.62	147.1	11.92	18.89	10.12	145.9	12.55	17.1	91.9	92.2	-0.31	18.94	17.02	26.303	59.901	0	
"2013-07-13	22:00:00"	10.69	137.1	5.921	16.51	8.08	135.6	6.912	12.93	88.6	90.1	-1.458	21.12	18.89	26.316	0.47161	0	
"2013-07-13	23:00:00"	8.96	136.7	6.167	11.74	6.373	133.5	7.087	9.35	85.4	85.9	-0.49	24.83	23.09	26.337	0	0	
"2013-07-14	00:00:00"	9.69	144.1	7.006	12.33	7.132	142.6	7.398	10.54	84.1	84.2	-0.099	25.62	24.16	26.349	0	0	
"2013-07-14	01:00:00"	9.43	161	10.48	13.52	7.35	157.8	11.7	11.14	82.4	83.1	-0.754	26.56	24.76	26.359	0	0	
"2013-07-14	02:00:00"	10.12	159.9	18.65	15.91	7.838	156.7	19.47	13.52	80.1	81.3	-1.223	30.04	27.92	26.362	0	0	
"2013-07-14	03:00:00"	8.38	180.3	24.42	13.52	6.611	179	27.69	11.74	78.37	79.44	-1.072	32.79	30.73	26.36	0	0	
"2013-07-14	04:00:00"	6.73	198.2	11.77	10.54	4.899	196.2	11.69	8.16	75.72	76.09	-0.367	35.2	33.58	26.353	0	0	
"2013-07-14	05:00:00"	5.321	218	18.05	8.75	3.898	216.2	16.77	6.368	74.24	74.54	-0.301	36.54	35.02	26.35	0	0	
"2013-07-14	06:00:00"	5.154	239.1	14.85	7.561	3.95	240.1	18.86	6.368	73.47	73.99	-0.513	37.1	35.48	26.35	0	0	
"2013-07-14	07:00:00"	5.792	259.3	9.44	8.16	3.998	265.9	10.34	6.368	73.09	72.75	0.343	37.73	36.8	26.347	0.74628	0	
"2013-07-14	08:00:00"	6.557	272.2	9.39	9.35	4.266	280.5	10.7	6.964	73.73	73.43	0.297	38.02	37.12	26.348	66.67	0	
"2013-07-14	09:00:00"	6.526	278	11.56	9.35	4.786	281.7	12.98	8.16	76.36	77.6	-1.245	36.46	34.27	26.351	249.43	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-14	10:00:00"	8.97	267.2	14.11	14.12	7.122	269.8	15.58	12.33	82.1	83.9	-1.855	31.31	28.57	26.354	446.41	0	
"2013-07-14	11:00:00"	9.94	227.2	18.57	15.91	8.32	227.8	23.07	14.72	87.2	89.5	-2.312	26.46	23.55	26.343	652.19	0	
"2013-07-14	12:00:00"	8.32	216.1	30.14	17.1	7.059	218.8	35.87	14.12	89.4	92.9	-3.516	23.36	19.97	26.334	816.28	0	
"2013-07-14	13:00:00"	6.406	220.4	64.03	19.49	5.472	223.7	68.83	19.49	91	94.2	-3.127	21.01	17.82	26.323	871.7	0	
"2013-07-14	14:00:00"	9.27	152.9	48.75	21.87	7.869	150.9	50.98	19.49	92.4	95.9	-3.481	18.98	15.79	26.306	875.41	0	
"2013-07-14	15:00:00"	10.56	178.5	43.82	27.24	8.87	178.1	47.46	23.07	94	97.1	-3.033	18.07	15.03	26.284	917.99	0	
"2013-07-14	16:00:00"	9.61	181.9	33.85	21.28	7.943	182.4	38.63	20.09	93.9	97	-3.063	17.61	14.63	26.259	772.8	0	
"2013-07-14	17:00:00"	7.436	215.8	51.97	18.3	6.293	219	53.46	17.1	94.7	98.5	-3.759	17.57	14.4	26.236	749.38	0	
"2013-07-14	18:00:00"	7.646	185.6	62.45	18.3	6.374	183.7	63.35	19.49	95.1	97.4	-2.351	17.22	14.5	26.219	564.38	0	
"2013-07-14	19:00:00"	6.659	178.3	47.56	17.1	5.583	177.2	49.5	14.72	95	97.5	-2.536	17.12	14.46	26.206	417.59	0	
"2013-07-14	20:00:00"	8.33	196.4	18.09	15.91	6.764	196.2	21.13	13.52	94.8	96.5	-1.675	17.34	14.91	26.201	203.39	0	
"2013-07-14	21:00:00"	7.724	171.4	43.42	36.78	6.053	168.4	44.76	32.01	93.2	94.3	-1.101	19.73	17.44	26.206	32.136	0	
"2013-07-14	22:00:00"	27.55	79.74	8.29	40.96	21.57	78.4	10.21	33.21	78.21	82.7	-4.497	47.67	40.72	26.245	0.08983	0	
"2013-07-14	23:00:00"	26.38	73.28	8.77	40.36	20.48	73	10.57	32.01	72.5	75.72	-3.218	56.01	50.31	26.296	0	0	
"2013-07-15	00:00:00"	24.22	73.47	8.38	35	18.98	73.44	9.94	29.03	70.38	72.8	-2.423	58.23	53.53	26.317	0	0	
"2013-07-15	01:00:00"	21.88	60.31	13.93	32.61	17.09	61.17	15.24	29.03	66.82	70.26	-3.437	68.24	61.27	26.345	0	0	
"2013-07-15	02:00:00"	20.48	50.73	11.2	29.03	16.2	52.73	12.41	25.45	65.2	67.1	-1.9	73.52	68.99	26.364	0	0	
"2013-07-15	03:00:00"	19.94	55.78	10.66	29.63	15.58	58.4	11.67	26.65	62.61	64.35	-1.734	81.4	76.85	26.376	0	0	
"2013-07-15	04:00:00"	16.65	66.19	13.52	27.24	12.95	66.86	13.79	22.47	61.31	62.41	-1.107	86.2	83.2	26.381	0.78541	0.03	
"2013-07-15	05:00:00"	13.33	76.47	8.5	18.89	10.46	76.36	10.14	16.51	61.18	62.04	-0.863	88.8	86.8	26.372	0.97971	0.14	
"2013-07-15	06:00:00"	12.25	82.8	9.57	18.89	9.67	83.8	11.24	15.91	61.58	63.62	-2.042	89.7	87.6	26.367	1.3557	0.01	
"2013-07-15	07:00:00"	11.96	50.21	12.23	18.89	9.47	52.92	13.88	15.91	61.73	63.4	-1.672	89.6	87.7	26.382	1.3782	0.01	
"2013-07-15	08:00:00"	14.34	60.71	12.59	20.68	11.16	62.41	14.01	17.1	60.84	61.81	-0.974	89.6	87.7	26.384	4.4344	0.16	
"2013-07-15	09:00:00"	16.31	65.26	8.46	23.66	12.66	67.29	10.3	19.49	59.51	60.52	-1.009	89.5	87.7	26.374	33.71	0.07	
"2013-07-15	10:00:00"	13.76	66.47	11.61	20.09	10.77	67.91	12.4	17.7	59.12	59.91	-0.784	89.6	88	26.416	49.065	0.09	
"2013-07-15	11:00:00"	14.13	69.31	8.62	21.28	11.09	70.92	10.46	18.3	59.44	59.95	-0.507	89	88.1	26.437	84.097	0.05	
"2013-07-15	12:00:00"	14.62	62.63	9.67	23.66	11.32	64.76	11.38	20.09	59.48	60.08	-0.6	88	87.5	26.439	144.91	0.05	
"2013-07-15	13:00:00"	14.16	62.58	10.46	21.28	11.25	64.6	11.38	18.3	61.53	61.89	-0.356	81.5	82.6	26.452	374.46	0	
"2013-07-15	14:00:00"	13.25	52.7	12.07	20.09	10.68	54.65	13.98	19.49	65.49	66.56	-1.069	70.86	70.35	26.44	461.49	0	
"2013-07-15	15:00:00"	13.22	45.56	13.19	20.09	10.71	47.7	15.47	18.89	68.65	70.33	-1.686	61.96	61.34	26.43	695.51	0	
"2013-07-15	16:00:00"	14.17	47.36	14.56	24.26	11.41	48.56	16.91	18.3	70.14	72.17	-2.037	57.78	56.65	26.42	705.7	0	
"2013-07-15	17:00:00"	12.61	36.38	14.46	19.49	10.2	37.04	18.07	17.1	71.6	73.39	-1.788	51.47	50.56	26.406	606.8	0	
"2013-07-15	18:00:00"	12.51	29.48	12.57	20.68	10.21	29.18	16.87	18.89	72.25	73.9	-1.653	48.44	47.46	26.395	480.2	0	
"2013-07-15	19:00:00"	12.29	52.86	17.87	21.87	9.9	54.21	19.31	17.1	72.37	73.81	-1.44	50.82	49.07	26.384	365.79	0	
"2013-07-15	20:00:00"	10.97	58.33	12.42	18.3	8.73	59.87	13.73	15.31	72.01	73.1	-1.092	51.12	49.48	26.385	260.86	0	
"2013-07-15	21:00:00"	10.18	70.1	14.6	15.91	7.975	70.29	15.7	13.52	70.81	71.36	-0.554	55.07	54.14	26.402	68.282	0	
"2013-07-15	22:00:00"	8.12	67.78	7.845	11.14	5.994	67.53	9.8	9.35	68.44	68.59	-0.15	62.32	61.97	26.418	0.24335	0	
"2013-07-15	23:00:00"	7.395	67.48	8.94	10.54	5.272	67.46	10.36	8.16	65.91	65.97	-0.061	70.12	70	26.442	0	0	
"2013-07-16	00:00:00"	7.174	92.3	16.84	9.95	5.244	89.5	16.86	8.16	64.45	64.52	-0.078	77.05	76.52	26.453	0	0	
"2013-07-16	01:00:00"	5.879	159	11.32	8.75	4.735	155.4	11.31	7.561	63.49	63.8	-0.308	84.2	83.3	26.456	0	0	
"2013-07-16	02:00:00"	4.998	170.9	12.29	6.964	3.988	168.4	13.9	6.368	63	63.62	-0.623	85.9	85	26.448	0	0	
"2013-07-16	03:00:00"	4.21	170.6	13.45	8.16	3.171	166.7	16.68	6.368	62.59	62.74	-0.152	86.5	86.1	26.445	0.12844	0	
"2013-07-16	04:00:00"	3.93	180	15.23	6.964	2.596	179.4	19.81	5.175	62.04	62.31	-0.272	87.7	87.1	26.444	0.34344	0	
"2013-07-16	05:00:00"	2.91	186.4	24.6	4.578	1.441	183.1	25.74	3.982	61.39	61.47	-0.086	89.6	88.9	26.439	0.67922	0	
"2013-07-16	06:00:00"	3.822	309.2	47.87	6.368	2.281	318.3	46.83	5.175	61.05	60.98	0.068	90.5	89.8	26.437	0.82568	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-16	07:00:00"	4.051	343.6	31.05	7.561	2.19	355.1	42.51	5.771	60.21	59.84	0.375	90.7	90.1	26.439	1.4738	0	
"2013-07-16	08:00:00"	6	336	10.29	8.75	3.831	339.8	14.81	6.964	60.22	59.7	0.521	90	90.4	26.454	61.45	0	
"2013-07-16	09:00:00"	6.423	335.2	14.66	8.75	5.009	334.3	14.9	8.16	62.86	63.41	-0.556	86	87	26.466	243.45	0	
"2013-07-16	10:00:00"	6.367	353.8	19.69	12.93	5.259	351.4	20.21	12.93	65.53	66.87	-1.335	76.12	73.72	26.48	336.55	0	
"2013-07-16	11:00:00"	7.843	23.37	21.23	15.91	6.608	22.21	24.79	13.52	67.88	70.39	-2.513	66.91	63.48	26.483	572.15	0	
"2013-07-16	12:00:00"	9.75	50.7	17.08	17.1	8.08	52.82	19.02	15.91	69.91	75.35	-5.447	61.07	53.46	26.486	590.27	0	
"2013-07-16	13:00:00"	10.9	65.03	20.32	17.7	8.88	65.47	21	15.91	71.5	74.46	-2.962	57.23	52.6	26.483	632.97	0	
"2013-07-16	14:00:00"	9.16	70.74	22.58	17.1	7.557	71.58	24.14	15.31	72.8	75.8	-2.994	51.25	46.53	26.472	578.85	0	
"2013-07-16	15:00:00"	9.05	90.3	21.6	15.91	7.508	91	23.15	13.52	73.96	76.03	-2.068	49.83	45.97	26.461	524.49	0	
"2013-07-16	16:00:00"	8.39	70.02	23.72	16.51	6.965	68.97	24.79	14.72	75.27	77.28	-2.007	47	43.29	26.452	572.73	0	
"2013-07-16	17:00:00"	11.12	87.6	33.08	21.87	9.21	88.9	33.71	18.3	75.81	77.44	-1.632	47.56	44.16	26.447	393.26	0	
"2013-07-16	18:00:00"	15.05	115.8	10.86	20.68	12.2	116.3	13.12	18.89	73.51	75.41	-1.904	57.79	53.61	26.448	345.03	0	
"2013-07-16	19:00:00"	14.33	119.2	12.12	20.09	11.77	120.1	14.06	17.1	72.02	73.98	-1.967	60.57	56.19	26.449	404.66	0	
"2013-07-16	20:00:00"	12.76	118.5	10.81	18.3	10.35	119.1	13.09	15.31	71.7	72.86	-1.16	61.77	58.66	26.456	168.85	0	
"2013-07-16	21:00:00"	13.48	113.4	10.65	18.3	10.82	113.8	13.11	15.31	70.19	71.16	-0.961	68.41	65.58	26.474	89.108	0	
"2013-07-16	22:00:00"	14.49	121.9	8.5	20.09	11.27	122.4	10.79	16.51	68.14	68.69	-0.553	77.33	75.22	26.49	0.2032	0	
"2013-07-16	23:00:00"	13.15	126.9	8.02	17.7	10.15	127.3	10.17	14.72	67.67	68.14	-0.471	80.3	78.53	26.51	0	0	
"2013-07-17	00:00:00"	10.28	122	8.68	17.1	8.07	122.8	10.97	13.52	67.22	67.67	-0.456	82.9	81.2	26.531	0	0	
"2013-07-17	01:00:00"	8.13	112.4	11.55	12.93	6.487	113.1	13.58	10.54	66.46	66.92	-0.463	87.7	86.9	26.536	0.37896	0.25	
"2013-07-17	02:00:00"	6.96	108.5	10.26	12.93	5.597	109	12.59	9.35	66.43	66.65	-0.225	89.7	89.3	26.532	0.64277	0.12	
"2013-07-17	03:00:00"	7.303	130.1	12.36	16.51	5.887	130.7	13.08	12.93	66.93	67.16	-0.23	89.7	89.4	26.523	0.68991	0	
"2013-07-17	04:00:00"	11.66	162.9	11.41	21.87	9.61	161.4	12.08	17.7	66.05	66.36	-0.311	88.6	88.3	26.518	0.67246	0	
"2013-07-17	05:00:00"	6.123	154.4	21.13	13.52	4.854	153.1	21.67	12.33	65.43	65.69	-0.255	90	89.5	26.521	0.69001	0.09	
"2013-07-17	06:00:00"	8.21	120.5	9.36	13.52	6.477	121.1	11.56	11.14	66.06	66.23	-0.171	89.7	89.4	26.522	0.68995	0	
"2013-07-17	07:00:00"	10.38	129.9	7.647	15.31	8.12	129.9	8.77	13.52	66.46	66.64	-0.188	89.7	89.4	26.53	0.7953	0.02	
"2013-07-17	08:00:00"	12.29	131.1	7.67	17.7	9.62	131.3	8.76	14.72	66.56	68.6	-2.038	89.7	89.1	26.539	26.905	0.05	
"2013-07-17	09:00:00"	12.54	130.4	7.878	17.7	9.87	130.7	9.26	14.72	66.93	69.31	-2.376	89.5	87.4	26.55	69.32	0.02	
"2013-07-17	10:00:00"	13.14	131.3	8.85	20.09	10.35	131.8	10.06	17.1	67.34	68.79	-1.445	87.1	85.4	26.568	158.43	0	
"2013-07-17	11:00:00"	11.4	129.7	8.48	17.1	8.92	130.3	10.5	15.31	68.38	70.38	-2.004	83	81.7	26.577	149.62	0	
"2013-07-17	12:00:00"	12.06	129.1	8.16	17.1	9.49	129.4	9.92	14.72	68.34	70.51	-2.166	82.1	79.78	26.59	126.37	0	
"2013-07-17	13:00:00"	11.11	119.7	13.1	16.51	8.91	119.9	14.55	13.52	68.32	70.58	-2.267	82	79.28	26.591	258.81	0	
"2013-07-17	14:00:00"	9.37	114.6	12.8	15.31	7.718	115	15.25	12.93	69.96	72.55	-2.597	77.32	75.1	26.577	443.3	0	
"2013-07-17	15:00:00"	11.44	110.5	10.88	18.89	9.16	110.9	13.26	17.1	69.66	72.5	-2.843	77.72	74.1	26.569	164.43	0.12	
"2013-07-17	16:00:00"	8.28	88.8	11.32	12.93	6.752	88.5	12.99	11.14	66.76	69.68	-2.92	86.9	83.3	26.566	181.06	0.04	
"2013-07-17	17:00:00"	8.97	70.4	16.57	14.72	7.295	71.2	16.95	12.33	68.25	68.89	-0.636	84.9	84.5	26.553	237.72	0	
"2013-07-17	18:00:00"	7.479	25.11	11.95	12.33	6.276	24.5	16.45	11.14	69.28	70.11	-0.832	81.9	81.5	26.538	280.1	0	
"2013-07-17	19:00:00"	11.1	24.76	7.898	15.91	8.97	24.51	12.8	14.72	70.49	71.02	-0.531	79.06	78.83	26.523	163.11	0.01	
"2013-07-17	20:00:00"	8.78	25.4	9.06	13.52	6.817	24.26	13.21	11.14	69.9	69.71	0.191	82.3	83.8	26.522	37.328	0.07	
"2013-07-17	21:00:00"	8.4	44.72	9.77	13.52	6.587	46.59	10.7	11.14	69.08	69.01	0.064	84.9	85.4	26.53	16.452	0	
"2013-07-17	22:00:00"	9.19	43.45	13.2	13.52	7.208	45.01	14.06	11.74	68.73	68.65	0.082	86	86.3	26.541	0.09878	0.01	
"2013-07-17	23:00:00"	9.74	74.99	8.05	14.72	7.656	74.32	9.3	12.93	67.64	67.7	-0.065	88.4	88.3	26.552	0.30249	0.12	
"2013-07-18	00:00:00"	9.28	81.2	8.58	14.12	7.159	79.63	9.93	12.93	67.83	67.86	-0.035	90.1	89.9	26.56	0.44009	0	
"2013-07-18	01:00:00"	8.99	93.9	8.38	13.52	7.077	93.5	9.48	11.74	68	68.05	-0.048	90.2	89.9	26.555	0.66881	0.01	
"2013-07-18	02:00:00"	7.913	106	8.28	11.74	6.302	105.2	9.87	9.95	67.95	68.76	-0.816	90.2	89.7	26.541	0.68988	0	
"2013-07-18	03:00:00"	7.096	88.8	10.07	11.14	5.497	87.1	11.81	9.35	67.62	68.58	-0.963	89.9	89.3	26.525	0.72754	0	

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-18	04:00:00"	6.215	85.2	8.25	8.75	4.924	83.7	9.72	8.16	67.04	67.19	-0.153	90.1	89.5	26.522	1.0734		0
"2013-07-18	05:00:00"	8.05	103.8	14.79	12.93	6.42	103.4	15.88	11.14	66.84	66.97	-0.125	90.3	89.9	26.516	0.73005		0
"2013-07-18	06:00:00"	8.43	122.6	9.15	13.52	6.619	122	10.7	11.14	66.82	66.9	-0.072	89.9	89.5	26.513	0.04082		0
"2013-07-18	07:00:00"	9.26	124.1	9.6	14.12	7.202	124.4	11.18	11.14	66.83	66.9	-0.074	88.9	88.7	26.517	0.22901		0
"2013-07-18	08:00:00"	9.65	127.8	8.51	12.93	7.561	127.5	10.11	11.14	66.7	66.87	-0.164	88.9	88.6	26.525	35.627		0
"2013-07-18	09:00:00"	10.14	135.3	9.22	14.12	8.19	134.7	9.92	12.33	67.42	67.79	-0.364	87.2	86.9	26.533	121.58		0
"2013-07-18	10:00:00"	10.54	140.1	9.9	15.31	8.48	139.6	10.68	12.93	68.3	68.99	-0.691	83.6	83.1	26.54	102.86		0
"2013-07-18	11:00:00"	13.2	135.2	13.66	18.3	10.57	134.8	13.9	17.1	68.39	69.95	-1.558	83.8	82.3	26.543	251.1		0
"2013-07-18	12:00:00"	12.48	126.7	14.66	18.89	10.18	126.3	15.93	17.1	70.6	72.75	-2.154	77.6	76.03	26.537	389.73		0
"2013-07-18	13:00:00"	12.71	139.7	12.74	18.3	10.34	139.1	13.29	15.31	72.13	73.72	-1.582	72.45	71.04	26.53	410.36		0
"2013-07-18	14:00:00"	16.09	149.4	11.6	24.86	13.29	148	12.26	23.07	71.31	75.33	-4.018	76.65	71	26.52	387.81		0
"2013-07-18	15:00:00"	8.79	139.7	20.75	18.89	7.419	138.1	20.97	15.91	69	70.91	-1.91	84.7	82.2	26.509	389.04	0.02	
"2013-07-18	16:00:00"	10.19	150.3	22.04	21.87	8.32	150.2	22.66	17.1	71.31	73.7	-2.39	80.4	77.8	26.49	275.84	0.18	
"2013-07-18	17:00:00"	7.35	157.2	15.32	16.51	6.122	156.6	15.92	13.52	73.25	73.53	-0.277	73.68	73.91	26.473	200.48		0
"2013-07-18	18:00:00"	7.796	171.6	44.7	17.1	6.273	170.1	43.54	14.12	73.06	73.28	-0.227	74.43	74.58	26.46	142.27		0
"2013-07-18	19:00:00"	7.645	133.7	21.38	17.1	5.926	133	21.2	13.52	74.27	74.24	0.024	71.56	72.28	26.442	76.117		0
"2013-07-18	20:00:00"	8.51	124.5	11.47	15.91	6.638	124	12.96	14.12	74.24	74.03	0.212	69.91	70.94	26.437	57.923		0
"2013-07-18	21:00:00"	6.547	122.4	7.45	9.35	4.534	120.6	9.38	6.964	73.77	73.16	0.613	70.79	73.08	26.435	26.21		0
"2013-07-18	22:00:00"	7.568	119.3	7.2	9.95	5.356	118.6	9.68	8.16	71.47	70.93	0.544	76.68	78.14	26.437	0.19938		0
"2013-07-18	23:00:00"	7.115	115.7	9.99	9.95	4.932	112.4	12.93	8.16	70.06	69.61	0.452	82.1	83.1	26.445	0		0
"2013-07-19	00:00:00"	7.988	119.3	7.061	11.14	5.763	118.2	9.89	9.35	69.43	70.13	-0.703	83	83.6	26.465	0		0
"2013-07-19	01:00:00"	7.772	118.4	7.524	10.54	5.613	117.4	10.2	8.16	68.16	67.87	0.294	85.6	85.9	26.471	0		0
"2013-07-19	02:00:00"	8.04	123.5	10.09	11.14	6.112	122.8	12.12	9.95	67.38	67.21	0.17	88.6	88.6	26.469	0		0
"2013-07-19	03:00:00"	7.494	130.3	7.831	11.14	5.616	130.2	9.68	8.75	66.76	66.68	0.072	90.4	90.1	26.47	0		0
"2013-07-19	04:00:00"	5.833	142.2	9.45	8.16	4.549	140.3	9.39	7.561	66.44	66.4	0.049	90.8	90.4	26.465	0.16193		0
"2013-07-19	05:00:00"	5.148	141.2	9.37	8.16	3.798	137.4	9.48	6.368	66.26	66.05	0.206	88.1	88.1	26.453	0.12533		0
"2013-07-19	06:00:00"	5.085	139.5	12.88	7.561	3.678	137.1	13.3	5.771	65.38	66.11	-0.735	87.8	88.4	26.443	0.27626		0
"2013-07-19	07:00:00"	5.754	151.5	9.78	9.95	4.634	148.5	9.09	8.75	65.22	65.53	-0.302	87.1	87	26.439	1.3923		0
"2013-07-19	08:00:00"	2.998	113	34.18	5.771	1.935	103.2	36.95	4.578	65.4	65.66	-0.257	88.2	87.6	26.447	58.388	0.01	
"2013-07-19	09:00:00"	5.429	156.9	11.91	9.95	4.432	154.2	12.35	8.16	66.66	66.86	-0.2	87.8	87.2	26.458	109.16		0
"2013-07-19	10:00:00"	9.46	178.6	10.26	14.72	7.563	176.7	13.31	11.74	67.86	68.24	-0.383	85.9	85.3	26.468	163.98		0
"2013-07-19	11:00:00"	9.56	177.1	13.4	15.91	7.756	174	15.86	13.52	70.09	71.55	-1.464	79.02	78.28	26.469	393.74		0
"2013-07-19	12:00:00"	11.6	171.9	13.32	18.89	9.45	169.7	15.78	16.51	72.63	73.66	-1.038	70.92	70.15	26.462	555.1		0
"2013-07-19	13:00:00"	13.54	177	9.31	19.49	10.97	174.2	11.84	17.1	74.06	74.93	-0.876	67.45	66.88	26.452	547.58		0
"2013-07-19	14:00:00"	10.13	179.6	16.49	17.1	8.29	178.2	19.5	14.12	76.19	77.31	-1.114	61.12	60.18	26.439	784.7		0
"2013-07-19	15:00:00"	9.65	168.8	17.42	17.1	8.06	166.3	20.48	14.72	78.05	79.15	-1.102	57.33	56.03	26.416	662.4		0
"2013-07-19	16:00:00"	7.615	164.1	24.18	14.12	6.398	162.4	25.45	12.33	79.67	82.3	-2.607	53.94	51.02	26.395	689.44		0
"2013-07-19	17:00:00"	9.27	150.6	15.15	16.51	7.679	148.3	15.49	14.72	80.4	81	-0.659	51.41	50.44	26.37	282.68		0
"2013-07-19	18:00:00"	10.76	164.9	16.9	19.49	8.86	163.1	18.43	14.72	81.6	82.3	-0.695	46.97	46.02	26.344	455.02		0
"2013-07-19	19:00:00"	10.5	157.5	20.43	18.89	8.66	155.5	21.1	16.51	82.6	83.3	-0.756	44.26	43.06	26.332	475.57		0
"2013-07-19	20:00:00"	11.09	160.2	20.67	17.1	8.96	159	21.67	15.31	82.5	82.9	-0.429	44.4	43.55	26.322	273.16		0
"2013-07-19	21:00:00"	9.53	143.8	12.67	15.91	7.441	142.3	12.41	12.93	80.9	80.6	0.248	48.18	48.45	26.329	54.2		0
"2013-07-19	22:00:00"	6.5	145.4	10.28	9.95	4.609	141.4	11.55	7.561	77.88	77.09	0.794	54.58	56.85	26.344	0.22046		0
"2013-07-19	23:00:00"	5.949	147	11.07	10.54	5.035	147.8	11.12	9.95	75.33	74.81	0.521	62.53	63.87	26.369	0		0
"2013-07-20	00:00:00"	6.263	159.1	8.61	11.14	5.82	155.1	8.54	10.54	73.72	73.26	0.465	65.29	66.21	26.388	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-20	01:00:00"	6.044	164.3	10.18	8.16	4.501	159.8	11.96	6.368	72.04	71.46	0.587	68.27	69.64	26.399	0
"2013-07-20	02:00:00"	8.01	174.2	5.94	11.74	6.009	169.4	7.353	9.95	70.74	70.14	0.602	71.21	72.67	26.396	0
"2013-07-20	03:00:00"	7.225	166.7	9.07	11.14	5.533	163.5	10.15	9.35	69.79	69.34	0.448	72.8	73.55	26.384	0
"2013-07-20	04:00:00"	6.415	156.7	8.09	9.35	4.588	150.9	8.88	6.964	69.45	68.7	0.742	73.04	74.68	26.373	0
"2013-07-20	05:00:00"	6.982	151.2	7.189	9.95	4.98	146.7	6.899	8.16	69.07	68.9	0.168	73.9	75.16	26.36	0
"2013-07-20	06:00:00"	4.838	129	21.35	8.16	3.087	107.6	33.78	5.771	68.59	67.49	1.101	75.12	77.37	26.358	0
"2013-07-20	07:00:00"	6.827	99.6	7.923	8.16	3.988	81.3	9.12	6.368	67.65	65.18	2.466	76.62	82.4	26.359	0.69389
"2013-07-20	08:00:00"	6.471	108.1	9.35	8.75	3.953	98.3	13.88	6.368	66.72	65.67	1.055	79.8	82.8	26.363	64.694
"2013-07-20	09:00:00"	8.52	146.9	17.4	13.52	6.898	145	17.32	12.33	70.64	70.79	-0.155	74.39	74.09	26.375	247.73
"2013-07-20	10:00:00"	11.71	169.2	11.97	17.7	9.52	166.6	13.73	14.72	73	76.64	-3.639	71.68	66.95	26.379	440.9
"2013-07-20	11:00:00"	15.2	164.6	11.84	22.47	12.41	162.4	13.33	20.68	75.18	76.2	-1.026	67.09	65.23	26.368	598.42
"2013-07-20	12:00:00"	15.49	163.3	13.35	22.47	12.78	161	14.7	20.68	78.17	79.69	-1.515	59.21	56.53	26.359	843.95
"2013-07-20	13:00:00"	13.56	164.1	14.42	22.47	11.14	161.5	16.35	18.89	79.48	80.8	-1.359	55.19	52.66	26.351	682.03
"2013-07-20	14:00:00"	14.9	162	16.9	26.65	12.27	160.5	17.73	20.68	81.8	83.5	-1.69	49.9	46.89	26.335	973.86
"2013-07-20	15:00:00"	14.34	157	15.75	23.66	11.92	154.3	15.98	21.87	83.2	84.8	-1.598	45.55	42.5	26.317	788.75
"2013-07-20	16:00:00"	13.3	151.1	17.53	23.66	10.91	149.4	17.02	19.49	84	85.2	-1.275	43.64	41.02	26.301	573.02
"2013-07-20	17:00:00"	14.28	152	19.45	23.07	11.58	151	20.16	18.3	84.5	85.6	-1.171	43.07	40.58	26.278	453.15
"2013-07-20	18:00:00"	16.2	144.9	11.91	24.26	13.11	143.3	12.41	20.68	84.6	85.3	-0.646	42.65	40.65	26.257	276.09
"2013-07-20	19:00:00"	16.7	152.2	12.77	25.45	13.68	150.1	13.09	21.28	85.4	86	-0.532	41.46	39.56	26.25	392.87
"2013-07-20	20:00:00"	16.7	164.8	11.89	24.86	13.53	161.9	12.73	21.87	83.8	84	-0.266	44.68	43.1	26.254	174.43
"2013-07-20	21:00:00"	13.76	170.6	7.489	20.68	11.02	168.2	9.66	17.7	81.6	81.5	0.09	47.71	46.8	26.264	39.391
"2013-07-20	22:00:00"	10.97	170.2	7.439	14.72	8.7	167.2	9.13	12.93	79.22	78.89	0.322	52.71	52.32	26.279	0.14041
"2013-07-20	23:00:00"	10.72	173.5	6.163	14.12	8.26	170.2	8.63	11.74	77.1	76.72	0.378	57.76	57.67	26.301	0
"2013-07-21	00:00:00"	11.72	170.2	7.352	17.7	9.3	167.5	9.36	14.12	75.12	74.85	0.262	63.17	62.9	26.317	0
"2013-07-21	01:00:00"	12.74	172.8	6.859	18.3	10.1	170.3	8.95	16.51	73.24	73.08	0.165	68.74	68.32	26.322	0
"2013-07-21	02:00:00"	11.06	179.5	8.07	16.51	8.75	177.6	10.95	14.12	71.19	72.53	-1.339	72.75	70.8	26.317	0
"2013-07-21	03:00:00"	8.53	177.6	7.683	11.74	6.56	174.7	10.75	9.95	69.33	70.49	-1.165	77.48	75.57	26.318	0
"2013-07-21	04:00:00"	7.1	173.7	8.13	11.74	5.367	170.2	9.56	9.35	68.18	68.02	0.161	80.7	80.6	26.314	0
"2013-07-21	05:00:00"	6.512	156.8	10.09	9.95	4.947	150.8	11.4	8.75	67.48	69.44	-1.956	83	81.4	26.309	0
"2013-07-21	06:00:00"	3.081	106.6	25.26	5.771	1.784	74.56	31.61	3.386	66.28	65.83	0.446	85.7	85.9	26.319	0
"2013-07-21	07:00:00"	4.981	123.7	6.136	7.561	2.651	103.3	17.84	4.578	65.89	64.72	1.171	86.5	87.8	26.32	0.59126
"2013-07-21	08:00:00"	6.899	134.2	9.36	9.95	4.662	134	9.12	9.35	66.45	65.95	0.497	85.7	87	26.326	64.565
"2013-07-21	09:00:00"	10.97	161.5	11.76	18.89	8.94	159.2	12.54	16.51	69.85	70.1	-0.254	79.6	78.82	26.328	241.85
"2013-07-21	10:00:00"	14.51	173.9	8.22	21.28	11.62	171.1	10.58	18.89	72.73	73.5	-0.774	70.8	69.08	26.336	439.89
"2013-07-21	11:00:00"	12.28	173.4	14.38	17.7	9.95	171.3	16.95	15.31	75.29	76.57	-1.272	65.01	62.34	26.337	629.76
"2013-07-21	12:00:00"	10.49	178.4	13.47	17.1	8.6	176.9	16.45	15.91	77.56	79.02	-1.46	59.29	56.26	26.333	787.37
"2013-07-21	13:00:00"	10.09	188.7	23.01	18.3	8.42	187.6	25.74	16.51	79.61	81.1	-1.507	54.98	51.8	26.326	863.01
"2013-07-21	14:00:00"	9.05	184.2	27.77	17.1	7.541	181.9	31.05	15.91	81.6	83.1	-1.465	49.54	46.43	26.309	841.45
"2013-07-21	15:00:00"	9.17	190.2	22.58	19.49	7.751	190.3	26.25	16.51	83.3	84.7	-1.377	44.77	41.81	26.29	849.97
"2013-07-21	16:00:00"	10.64	176.9	21.8	21.28	8.95	174.8	23.9	18.89	85.5	87.2	-1.695	39.71	36.97	26.273	940.91
"2013-07-21	17:00:00"	10.21	169.4	23.59	18.89	8.44	168.3	24.91	15.91	86.1	87.6	-1.499	38.96	36.46	26.263	606.91
"2013-07-21	18:00:00"	9.97	160.2	19.68	17.1	8.24	159.6	20.5	14.12	86.3	87.3	-1.086	39.45	37.26	26.256	449.09
"2013-07-21	19:00:00"	9.51	160.3	13.65	17.1	7.938	159.2	14.59	15.31	86.1	86.7	-0.601	39.87	38.06	26.243	189.45
"2013-07-21	20:00:00"	11.44	151.2	18.26	17.7	9.28	150.2	18.49	14.72	85.9	86.2	-0.306	40.28	38.73	26.241	137.26
"2013-07-21	21:00:00"	10.78	147.3	10.9	16.51	8.69	145.8	10.89	13.52	84.9	85	-0.051	42.65	41.21	26.253	54.127

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-21	22:00:00"	9.24	147.9	7.548	12.93	7.278	146.4	7.725	11.14	82	81.8	0.195	48.66	47.74	26.272	0.12756	0	
"2013-07-21	23:00:00"	8.36	150.5	7.293	12.93	6.622	148.3	7.984	11.14	79.58	81.2	-1.624	54.75	52.17	26.299	0	0	
"2013-07-22	00:00:00"	9.5	162.9	11.06	15.31	7.552	160.2	11.69	14.12	77.77	77.66	0.109	59.72	58.97	26.313	0	0	
"2013-07-22	01:00:00"	14.06	170.9	7.897	21.28	11.14	168.4	9.77	18.3	76.42	76.35	0.077	63.09	62.26	26.326	0	0	
"2013-07-22	02:00:00"	9.58	173.6	7.151	16.51	7.544	171.4	9.08	12.93	73.75	73.71	0.042	66.48	65.69	26.333	0	0	
"2013-07-22	03:00:00"	6.507	175.8	8.05	10.54	5.034	172.1	10.92	8.75	72.16	72.07	0.092	73.32	72.78	26.325	0	0	
"2013-07-22	04:00:00"	6.187	158.8	11.08	9.95	4.9	156.5	11.17	8.16	70.6	70.59	0.014	78.02	77.37	26.31	0	0	
"2013-07-22	05:00:00"	5.934	148.3	8.11	9.95	4.572	146.5	8.74	7.561	69.5	69.53	-0.037	82.3	81.6	26.309	0	0	
"2013-07-22	06:00:00"	5.216	153	10.23	8.16	3.924	150.4	10.97	6.964	68.8	68.82	-0.021	85.7	85.1	26.307	0	0	
"2013-07-22	07:00:00"	5.752	151.3	10.51	9.35	4.512	148.8	10.63	8.75	68.32	68.39	-0.072	88.2	87.6	26.307	0.68922	0	
"2013-07-22	08:00:00"	4.849	128.1	16.11	6.964	3.335	124.4	18.07	5.771	68.32	68.42	-0.106	89.6	88.9	26.308	57.313	0	
"2013-07-22	09:00:00"	7.386	176.7	10.21	11.74	5.957	174.3	13.27	9.35	70.64	71.18	-0.536	84.7	82.8	26.323	239.23	0	
"2013-07-22	10:00:00"	9.29	178.9	9.69	15.31	7.515	176.5	12.75	14.12	73.74	74.65	-0.909	75.15	72.85	26.33	377.51	0	
"2013-07-22	11:00:00"	10.05	187	14.85	15.91	8.19	185.1	18.08	12.93	77.32	78.62	-1.296	66.26	63.24	26.33	518.77	0	
"2013-07-22	12:00:00"	8.99	204.3	21.12	14.72	7.539	204.5	24.4	14.72	80.5	81.8	-1.272	58.96	55.97	26.333	755.02	0	
"2013-07-22	13:00:00"	9.59	205.7	21.12	18.89	7.968	205.5	24.43	14.72	83.3	84.7	-1.486	51.39	48.11	26.323	834.1	0	
"2013-07-22	14:00:00"	8.08	193	31.96	17.1	6.857	190.8	33.48	15.31	85	86.4	-1.423	46.41	43.37	26.316	687.06	0	
"2013-07-22	15:00:00"	8.84	168.4	26.07	20.09	7.371	165.1	30.84	18.89	86.4	89.5	-3.138	43.29	38.97	26.303	840.57	0	
"2013-07-22	16:00:00"	8	182.3	38.83	18.89	6.726	180.8	45.87	16.51	87.9	89.8	-1.951	40.22	37.12	26.281	901.77	0	
"2013-07-22	17:00:00"	10.12	153.2	25.12	17.7	8.42	152.6	27.15	16.51	89.3	91.8	-2.592	37.23	33.88	26.261	782.1	0	
"2013-07-22	18:00:00"	10.75	147.1	17.04	18.3	8.83	145.9	17.92	15.31	89.1	92.8	-3.632	37.13	33.2	26.249	329.81	0	
"2013-07-22	19:00:00"	11.33	144.3	14.92	19.49	9.22	143.5	15.33	15.31	89.3	90.3	-0.978	36.83	34.73	26.239	226.02	0	
"2013-07-22	20:00:00"	13.4	144	10.41	19.49	10.82	142.9	10.76	16.51	89.3	90.1	-0.807	37.27	35.27	26.243	211.13	0	
"2013-07-22	21:00:00"	12.46	137.7	10.69	18.3	9.74	137.7	11.52	15.91	88	88.3	-0.299	38.53	37.04	26.249	50.909	0	
"2013-07-22	22:00:00"	10.93	172.1	9.89	17.7	8.68	168.5	11.39	15.31	84.9	86.6	-1.67	44.87	42.19	26.273	0.13013	0	
"2013-07-22	23:00:00"	12.36	171.2	7.499	25.45	9.74	167.9	9.73	20.09	82.6	84.5	-1.925	51.47	48.6	26.296	0	0	
"2013-07-23	00:00:00"	18.13	176.9	6.2	24.86	14.37	173.7	9.24	21.28	81.1	84	-2.891	58.19	53.69	26.309	0	0	
"2013-07-23	01:00:00"	14.24	179.7	7.34	20.68	11.26	177.2	10.16	16.51	78.81	80.8	-2.01	63.61	59.98	26.326	0	0	
"2013-07-23	02:00:00"	13.58	178.6	6.202	20.09	10.66	175.4	9.05	17.1	77.2	77.39	-0.187	68.29	66.95	26.332	0	0	
"2013-07-23	03:00:00"	11.41	180.1	7.152	18.3	8.89	177.5	10.22	14.72	75.86	77.67	-1.809	71.88	68.65	26.328	0	0	
"2013-07-23	04:00:00"	6.841	171.2	10.64	12.33	5.358	167.8	11.88	11.74	74.42	74.52	-0.103	74.64	73.61	26.32	0	0	
"2013-07-23	05:00:00"	6.232	165.3	10.53	11.14	4.91	164.3	11.72	9.35	73.02	73.09	-0.068	77.59	76.74	26.319	0	0	
"2013-07-23	06:00:00"	6.801	160.2	10.1	10.54	5.5	157.7	11.35	8.75	72.1	72.23	-0.131	78.26	77.32	26.317	0	0	
"2013-07-23	07:00:00"	6.75	161.2	11.79	10.54	5.346	158.6	12.68	9.35	71.35	71.44	-0.091	79.22	78.42	26.316	0.86851	0	
"2013-07-23	08:00:00"	4.969	147.8	14.96	7.561	3.864	143.9	16.05	6.368	70.66	70.94	-0.282	81.1	80	26.321	60.154	0	
"2013-07-23	09:00:00"	10.66	181	7.388	17.7	8.57	177.7	10.69	14.12	73.43	74.22	-0.795	75.67	73.57	26.324	240.01	0	
"2013-07-23	10:00:00"	11.17	192	11.67	17.1	8.95	191.5	15.46	14.72	77.38	78.65	-1.27	66.79	63.72	26.328	450.92	0	
"2013-07-23	11:00:00"	10.03	194.8	13.43	17.7	8.2	193.4	16.23	15.91	80.6	82.1	-1.466	59.54	56.21	26.326	615.16	0	
"2013-07-23	12:00:00"	11.34	195.4	16.98	19.49	9.31	193.9	19.67	17.1	83.3	85.2	-1.849	53.21	49.37	26.326	801.08	0	
"2013-07-23	13:00:00"	10.28	195.6	19.79	17.7	8.45	194.7	23.24	15.31	85.2	86.9	-1.77	47.76	44.12	26.327	909.31	0	
"2013-07-23	14:00:00"	10.1	190.9	23.91	20.09	8.33	191.4	27.32	16.51	87.7	89.5	-1.8	42.34	39.04	26.317	967.19	0	
"2013-07-23	15:00:00"	11.45	179.2	20.01	23.07	9.46	178.1	22.64	21.87	89.4	91.3	-1.899	38.21	35.32	26.299	913.26	0	
"2013-07-23	16:00:00"	11.74	180.1	21.63	22.47	9.6	179.1	23.87	18.89	90.4	92	-1.551	36.27	33.64	26.284	703.27	0	
"2013-07-23	17:00:00"	11.62	187.1	17.59	27.24	9.52	186.3	20.88	25.45	91.7	93.3	-1.578	35.1	32.51	26.265	700.49	0	
"2013-07-23	18:00:00"	11.7	186.6	17.82	19.49	9.5	185.8	19.55	15.91	92.8	94.1	-1.298	32.81	30.48	26.254	629.97	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-23	19:00:00"	11.64	189.3	20.62	20.68	9.56	188.8	23.98	16.51	93	93.9	-0.979	32.77	30.6	26.242	458.8	0
"2013-07-23	20:00:00"	10.8	176.8	12.09	17.7	8.61	175.9	15.22	14.72	92.5	93.1	-0.588	32.86	31.06	26.238	196.47	0
"2013-07-23	21:00:00"	9.48	174.6	10.83	16.51	7.437	171.1	12.05	14.12	90.6	90.5	0.104	35.5	34.31	26.243	14.34	0
"2013-07-23	22:00:00"	10.46	158.4	9.75	15.91	8.64	154.9	9.72	14.72	87.3	87.2	0.042	43.92	42.38	26.257	0.07536	0
"2013-07-23	23:00:00"	15.74	173.7	7.342	25.45	12.52	170.7	9.56	22.47	85.5	85.4	0.107	48.56	47.24	26.276	0	0
"2013-07-24	00:00:00"	17.26	175.3	6.503	24.26	13.62	172.4	9.35	20.68	83.4	83.4	0.009	53.32	51.98	26.3	0	0
"2013-07-24	01:00:00"	14.14	174.2	7.223	19.49	11.16	171.2	9.59	16.51	81.6	81.6	-0.025	56.29	55.01	26.32	0	0
"2013-07-24	02:00:00"	12.45	177.1	6.389	17.1	9.66	174.4	9.36	14.72	79.95	81.5	-1.587	59.25	56.61	26.322	0	0
"2013-07-24	03:00:00"	9.11	174.7	6.88	13.52	7.095	171	9.14	11.74	78.32	79.89	-1.575	63.09	60.23	26.319	0	0
"2013-07-24	04:00:00"	8.11	173	7.044	11.14	6.168	170.9	9.08	9.35	76.79	77.55	-0.761	67.04	65.15	26.313	0	0
"2013-07-24	05:00:00"	8.17	175.1	7.157	11.74	6.222	171.5	9.6	8.75	75.71	75.78	-0.072	69.92	68.9	26.309	0	0
"2013-07-24	06:00:00"	7.624	184.3	9.77	11.14	5.807	185.2	13.74	9.35	74.68	74.64	0.04	72.36	71.51	26.308	0	0
"2013-07-24	07:00:00"	6.667	193.9	9.75	9.35	5.074	196.3	12.14	6.964	73.73	73.67	0.056	74.81	74	26.317	0.18606	0
"2013-07-24	08:00:00"	5.348	203.4	10.28	8.16	4.161	201.5	10.37	6.964	73.3	73.33	-0.037	76.21	75.28	26.329	43.434	0
"2013-07-24	09:00:00"	7.602	199.1	11.88	12.93	6.207	198.3	14.35	10.54	75.91	76.38	-0.473	72.26	70.5	26.332	230.01	0
"2013-07-24	10:00:00"	6.492	216.1	14.17	9.95	5.565	216.7	17.38	9.95	79.74	80.4	-0.663	64.12	62	26.335	407.81	0
"2013-07-24	11:00:00"	5.763	209.8	20.93	9.95	4.772	210.8	25.69	8.75	83.4	85.5	-2.066	55.45	52.07	26.344	630.55	0
"2013-07-24	12:00:00"	3.714	215.5	49.03	7.561	3.023	215.1	62.4	7.561	87.4	88.6	-1.272	44.94	42.21	26.355	785.49	0
"2013-07-24	13:00:00"	5.419	160.4	71.74	15.31	4.551	164.9	73.65	13.52	89.8	91.8	-2.003	39.74	36.95	26.355	859.84	0
"2013-07-24	14:00:00"	9.94	121.8	29.04	24.86	8.17	121	30.41	21.28	90.8	94.8	-3.966	37.96	33.77	26.334	362.69	0
"2013-07-24	15:00:00"	13.78	51.58	32.93	24.26	10.84	51.14	34.99	19.49	84.5	88.4	-3.947	48.69	44.48	26.328	120.08	0.04
"2013-07-24	16:00:00"	14.59	126.5	25.84	28.43	11.24	125.7	26.81	24.26	81.1	83	-1.894	52.38	51.55	26.342	58.05	0.01
"2013-07-24	17:00:00"	7.64	142.9	9.93	15.31	5.883	142.5	11.02	12.93	79.69	80.9	-1.163	58.35	58.43	26.337	23.484	0
"2013-07-24	18:00:00"	3.166	78.91	90.6	5.771	2.383	36.15	87.4	5.175	80.9	80.1	0.818	55.87	62.43	26.33	95.674	0
"2013-07-24	19:00:00"	3.765	281.3	47.18	8.16	2.747	291.7	47.72	8.75	81.8	81.8	-0.007	59.54	60.92	26.322	88.141	0
"2013-07-24	20:00:00"	3.694	340.7	19.54	7.561	2.797	332.9	23.92	5.771	81.3	80.3	0.99	64.28	71.07	26.319	43.489	0
"2013-07-24	21:00:00"	5.471	28.62	12.81	8.16	3.861	27.39	16.86	6.368	81	80.1	0.947	67.1	70.67	26.327	17.84	0
"2013-07-24	22:00:00"	6.034	35.42	13.16	8.16	4.019	30.82	14.26	6.368	79.28	77.82	1.468	70.06	75.24	26.344	0.04397	0
"2013-07-24	23:00:00"	7.028	49.29	19.07	10.54	4.778	46.85	20.91	7.561	79.27	77.99	1.279	65.93	69.69	26.371	0	0
"2013-07-25	00:00:00"	7.565	90.7	8.49	9.95	4.836	83.9	9.86	8.16	78.4	77.34	1.064	64.03	67.02	26.383	0	0
"2013-07-25	01:00:00"	6.27	116.1	13.1	9.35	3.555	106.9	19.77	6.368	77.99	76.48	1.505	62.84	67.2	26.385	0	0
"2013-07-25	02:00:00"	7.117	315.5	28.53	12.93	4.611	317.1	25.57	11.14	77.33	75.85	1.482	63.56	67.23	26.397	0	0
"2013-07-25	03:00:00"	10.39	355.1	12.55	14.12	7.801	351.3	11.57	12.33	74.1	73.55	0.551	68.13	69.2	26.398	0	0
"2013-07-25	04:00:00"	10.53	348.3	17.96	15.91	7.849	344.2	17.92	14.72	72.62	72.15	0.477	68.09	68.75	26.395	0	0
"2013-07-25	05:00:00"	11.19	7.196	9.54	15.91	8.46	2.847	13.59	14.12	72	71.5	0.498	70.26	70.93	26.4	0	0
"2013-07-25	06:00:00"	12.25	5.298	11.32	20.68	9.29	0.828	15.66	15.91	70.98	70.63	0.35	71.58	71.86	26.413	0	0
"2013-07-25	07:00:00"	12.17	4.86	12.52	20.68	9.34	359.4	14.64	18.3	69.9	69.58	0.321	72.39	72.58	26.425	0.15224	0
"2013-07-25	08:00:00"	12.77	6.814	8.78	18.3	9.89	2.533	14.25	16.51	70.36	70.18	0.174	70.08	70.02	26.429	38.345	0
"2013-07-25	09:00:00"	15.03	10.87	8.2	21.87	11.79	7.322	15.65	18.89	72.26	72.6	-0.337	65.42	64.49	26.43	211.63	0
"2013-07-25	10:00:00"	11.91	6.936	12.5	16.51	9.28	2.405	15.44	14.72	75.01	75.76	-0.748	61.13	59.62	26.444	277.56	0
"2013-07-25	11:00:00"	8.72	6.141	14.62	13.52	7.076	2.677	17.81	12.33	76.06	77	-0.939	60.3	58.52	26.457	313.63	0
"2013-07-25	12:00:00"	6.251	355.8	24.98	12.33	5.226	355.1	26.56	10.54	78.76	80.4	-1.657	55.59	52.59	26.467	729.3	0
"2013-07-25	13:00:00"	6.147	294.1	54.69	12.33	4.669	293.7	56.62	9.95	81.8	83.2	-1.357	49.64	46.72	26.455	684.19	0
"2013-07-25	14:00:00"	5.627	288.9	64.21	12.93	4.712	291.8	64.66	11.74	83.3	84.7	-1.372	46.86	43.9	26.443	828.27	0
"2013-07-25	15:00:00"	6.464	169	51.25	15.91	5.376	168.4	57.99	14.72	85.6	86.9	-1.282	42.82	39.99	26.424	925.63	0

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-25	16:00:00"	9.82	151	34.69	23.07	8.11	149.1	34.62	18.3	87.3	89	-1.754	39.75	36.82	26.401	892.89	0	
"2013-07-25	17:00:00"	11.19	172.7	35.7	23.07	9.27	170.1	38.14	20.09	89.5	91.8	-2.293	35.86	32.77	26.38	817.98	0	
"2013-07-25	18:00:00"	10.22	170.6	24.05	21.28	8.34	168.8	26.44	17.7	90.4	92	-1.586	32.99	30.47	26.36	325.69	0	
"2013-07-25	19:00:00"	11.21	195.4	16.34	23.07	9.08	194.9	18.64	15.91	91.1	92	-0.877	29.87	27.89	26.347	219.15	0	
"2013-07-25	20:00:00"	12.49	182.8	13.31	19.49	9.91	181.2	15.71	16.51	90.8	91.4	-0.609	30.34	28.54	26.341	143.63	0	
"2013-07-25	21:00:00"	8.92	207.2	17.4	16.51	7.252	206.2	18.14	14.12	89.8	89.9	-0.1	30.47	28.93	26.355	21.165	0	
"2013-07-25	22:00:00"	7.061	187.6	8.58	11.74	5.32	187.8	11.81	9.95	87.8	87.7	0.128	33.14	32.03	26.37	0.01532	0	
"2013-07-25	23:00:00"	6.686	189.1	8.83	9.95	5.018	189.1	12.02	7.561	86	85.8	0.191	35.73	34.72	26.381	0	0	
"2013-07-26	00:00:00"	4.878	205	17.45	9.95	3.515	201.1	20.23	7.561	83.6	83.3	0.29	39.11	38.25	26.387	0	0	
"2013-07-26	01:00:00"	4.797	193.6	13.08	7.561	3.066	191	20.78	5.771	81.3	80.7	0.632	43.01	42.87	26.394	0	0	
"2013-07-26	02:00:00"	5.655	198.9	10.48	9.35	3.973	199	10.55	6.964	80	79.64	0.383	45.85	45.11	26.394	0	0	
"2013-07-26	03:00:00"	6.729	201	10.58	9.35	4.93	200.4	11.14	7.561	78.17	79.56	-1.398	48.58	46.45	26.396	0	0	
"2013-07-26	04:00:00"	7.184	203.2	10.74	11.14	5.475	201	10.76	8.75	76.46	77.54	-1.071	50.12	48.24	26.393	0	0	
"2013-07-26	05:00:00"	5.731	224.2	15.27	9.35	4.504	222.3	19.13	8.16	75.73	76.27	-0.534	50.64	49.05	26.389	0	0	
"2013-07-26	06:00:00"	4.623	228.7	15.42	6.964	3.422	232.7	19.25	6.368	75.21	75.38	-0.165	51.22	50.37	26.39	0	0	
"2013-07-26	07:00:00"	4.681	226.7	16.27	8.16	3.355	231.5	22.66	6.964	74.34	73.93	0.4	53.51	52.9	26.386	0.14572	0	
"2013-07-26	08:00:00"	5.306	305.9	54.07	13.52	3.473	320	45.35	11.74	72.29	71.14	1.15	58.63	60.68	26.395	48.144	0	
"2013-07-26	09:00:00"	7.439	9.87	13.92	11.74	5.821	6.223	16.95	9.35	74.13	74.14	-0.017	58.42	57.76	26.415	119.53	0	
"2013-07-26	10:00:00"	8.21	39.23	13.11	15.91	6.774	40	14.79	14.12	79.1	79.89	-0.793	47.25	45.42	26.43	338.79	0	
"2013-07-26	11:00:00"	13.9	37.98	12.07	21.28	11.39	38.49	15.3	18.3	81.8	83.6	-1.807	46.43	42.94	26.434	586.54	0	
"2013-07-26	12:00:00"	14.19	40.64	15.31	21.87	11.62	41.43	18.44	18.3	83.9	86.2	-2.297	45.41	41.23	26.439	768.14	0	
"2013-07-26	13:00:00"	14.39	42.97	14.88	23.07	11.89	43.63	17.73	19.49	85.4	88	-2.65	44.67	40.12	26.436	875.09	0	
"2013-07-26	14:00:00"	13.7	39.1	15.76	22.47	11.41	39.63	19	18.89	86.9	89.6	-2.704	40.42	36.56	26.428	929.69	0	
"2013-07-26	15:00:00"	14.01	33.96	19.22	23.07	11.51	34.22	22.78	21.28	88.8	91.5	-2.715	37.35	33.77	26.413	927.91	0	
"2013-07-26	16:00:00"	14.2	33.52	15.68	23.07	11.67	33.46	20.01	19.49	89.9	92.7	-2.762	34.07	30.6	26.405	873.81	0	
"2013-07-26	17:00:00"	15.13	39.07	17.76	25.45	12.36	38.77	20.89	23.66	90.3	92.9	-2.605	31.74	28.47	26.385	774.39	0	
"2013-07-26	18:00:00"	16.02	44.18	13.31	24.26	13.03	45.09	15.59	21.87	90.8	92.8	-2.045	28.54	25.79	26.371	608.24	0	
"2013-07-26	19:00:00"	15.18	53.98	14.36	25.45	12.07	54.95	16.02	23.66	90.2	91.5	-1.223	28.92	26.62	26.373	378.99	0	
"2013-07-26	20:00:00"	14.99	50.64	11.46	20.68	11.84	52	13.43	18.3	89.1	89.9	-0.775	28.63	26.62	26.384	219.77	0	
"2013-07-26	21:00:00"	13.24	54.14	11.42	20.09	10.25	55.14	13.01	18.3	86.4	86.5	-0.095	32.11	30.49	26.407	22.034	0	
"2013-07-26	22:00:00"	10.69	55.97	8.59	16.51	8	57.98	10.36	14.12	82.5	82.3	0.128	35.38	34.02	26.421	0.05306	0	
"2013-07-26	23:00:00"	9.84	52.3	8.68	13.52	7.295	53.44	10.34	11.74	79.18	79.03	0.15	42.32	40.88	26.455	0	0	
"2013-07-27	00:00:00"	9.69	58	9.41	14.12	7.27	59.11	10.86	11.14	76.99	76.98	0.004	50.05	48.43	26.477	0	0	
"2013-07-27	01:00:00"	8.18	67.38	9.25	11.74	6.12	68.17	10.82	9.35	74.82	74.91	-0.083	59.35	57.73	26.48	0	0	
"2013-07-27	02:00:00"	8.72	59.47	11.66	13.52	6.549	59.9	12.65	10.54	73.55	73.6	-0.051	64.63	63.22	26.48	0	0	
"2013-07-27	03:00:00"	7.691	67.62	8.03	9.95	5.543	67.23	9.97	8.16	71.89	71.98	-0.096	68	66.59	26.477	0	0	
"2013-07-27	04:00:00"	7.655	62.1	9.6	9.35	5.352	61.56	11.41	7.561	70.33	71.95	-1.623	71.04	68.61	26.461	0	0	
"2013-07-27	05:00:00"	6.898	63.91	9.56	8.75	4.505	63.61	12.47	6.368	68.82	70.4	-1.575	73.9	70.99	26.453	0	0	
"2013-07-27	06:00:00"	7.092	61.4	8.85	11.74	4.932	62.09	11.18	8.75	67.47	68.69	-1.224	76.37	73.67	26.46	0	0	
"2013-07-27	07:00:00"	3.85	63.01	13.15	6.368	1.783	49.08	24.7	3.982	66.36	66.86	-0.497	78.86	77.95	26.469	0.29693	0	
"2013-07-27	08:00:00"	2.67	5.716	32.9	4.578	1.417	341.7	37.25	4.578	66.17	64.29	1.886	79.61	82	26.481	56.194	0	
"2013-07-27	09:00:00"	5.331	96.2	33.13	11.14	4.381	96.7	34.04	9.95	68.8	69.38	-0.584	75.51	73.61	26.483	236.76	0	
"2013-07-27	10:00:00"	7.13	133.7	17.14	11.14	5.953	133.7	18.64	9.35	71.54	72.69	-1.153	70.33	67.28	26.491	439.23	0	
"2013-07-27	11:00:00"	4.455	139.5	49.5	8.75	3.724	136.1	49.4	7.561	74.1	75.21	-1.111	63.72	60.78	26.485	665.56	0	
"2013-07-27	12:00:00"	4.383	134.3	54.08	11.14	3.762	136.7	56.04	9.95	77.19	78.24	-1.048	53.41	50.55	26.474	757.66	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-07-27	13:00:00"	5.209	189.2	76.78	11.74	4.471	182.9	80.6	9.95	79.85	81.4	-1.536	45.9	42.57	26.461	910.85	0
"2013-07-27	14:00:00"	6.384	129.5	66.65	15.31	5.523	129	68.22	13.52	82.3	84.1	-1.724	36.26	33.42	26.438	896.8	0
"2013-07-27	15:00:00"	8.95	123	34.35	19.49	7.507	123.9	37.53	17.1	84.3	86.4	-2.061	30.41	27.58	26.417	958.4	0
"2013-07-27	16:00:00"	9.36	122.6	39.2	23.07	7.861	123.6	38.86	18.89	85.5	87.5	-2.071	26.17	23.45	26.392	911.7	0
"2013-07-27	17:00:00"	9.8	121.3	33.55	17.1	8.12	119.9	36	15.31	86.5	88.3	-1.866	27.96	25.27	26.363	797.62	0
"2013-07-27	18:00:00"	10.3	117.6	25.16	21.28	8.57	116.9	27.56	19.49	87	88.6	-1.579	26.64	24.14	26.339	618	0
"2013-07-27	19:00:00"	10.89	136.7	14.8	19.49	8.92	136	16.49	17.1	87.1	88.4	-1.303	23.67	21.43	26.316	422.19	0
"2013-07-27	20:00:00"	11.03	130.2	11.98	18.89	8.85	131	13.24	15.91	86.8	87.5	-0.755	24.05	22.09	26.316	218.75	0
"2013-07-27	21:00:00"	10.21	133	9.46	17.1	7.919	133	10.16	13.52	85.1	85.2	-0.068	25.45	23.86	26.322	32.946	0
"2013-07-27	22:00:00"	8.82	128.2	5.998	11.74	5.966	126.8	7.997	8.75	81.6	81.1	0.532	29.05	28.06	26.332	0.0567	0
"2013-07-27	23:00:00"	10.57	127.7	6.8	14.72	7.652	126.8	8.63	11.74	79.52	79.27	0.25	31.14	29.92	26.343	0	0
"2013-07-28	00:00:00"	10.79	142.5	11.45	15.91	8.51	140.6	11.86	14.72	78.23	78.34	-0.106	34.15	32.66	26.356	0	0
"2013-07-28	01:00:00"	9.16	157.6	9.6	15.91	7.525	154.1	9.79	12.93	77.22	78.91	-1.692	36.96	34.62	26.355	0	0
"2013-07-28	02:00:00"	8.15	155.8	9.28	11.14	6.698	154.2	9.59	9.95	76.18	78.06	-1.884	39.56	36.95	26.35	0	0
"2013-07-28	03:00:00"	8.12	148.1	11.73	11.74	6.448	145.3	11.51	9.95	74.93	76.32	-1.389	43.35	40.64	26.338	0	0
"2013-07-28	04:00:00"	8.78	132.1	8.77	12.33	6.535	130.6	9.99	11.14	73.3	75.48	-2.176	45.92	42.57	26.327	0	0
"2013-07-28	05:00:00"	8.28	148.1	9.6	11.74	6.628	145.6	10.03	10.54	71.06	72.98	-1.917	50.08	46.77	26.319	0	0
"2013-07-28	06:00:00"	7.988	145.9	8.3	11.14	6.377	144.1	8.6	8.75	70.07	70.84	-0.765	53.66	51.53	26.313	0	0
"2013-07-28	07:00:00"	7.964	133.2	8.53	11.14	5.89	131.4	9.65	8.75	69.08	70.74	-1.66	56.85	54.12	26.31	0.33737	0
"2013-07-28	08:00:00"	8.58	113.7	9.24	14.12	6.565	111.2	12.6	12.33	67.52	69.59	-2.068	60.12	56.76	26.312	50.836	0
"2013-07-28	09:00:00"	12.88	135.9	9.63	18.3	10.33	135.4	10.9	15.91	70.17	71.31	-1.14	58.59	55.63	26.314	227.35	0
"2013-07-28	10:00:00"	14.32	164.9	12.01	21.28	11.7	161.5	12.91	18.3	74.38	78.3	-3.916	54.01	48.25	26.32	448.07	0
"2013-07-28	11:00:00"	16.06	176.9	8.81	23.66	12.89	174.5	12.34	19.49	78.06	80.1	-2	49.52	45.34	26.318	570.96	0
"2013-07-28	12:00:00"	14.24	182.2	14.39	21.28	11.48	180.7	18.04	18.89	80.8	84.5	-3.687	46.55	40.99	26.311	780.78	0
"2013-07-28	13:00:00"	12.95	178.3	14.33	18.89	10.64	176.3	18.15	17.1	83.5	87.2	-3.715	42.17	37.19	26.299	884.1	0
"2013-07-28	14:00:00"	13.17	179.2	19.18	21.87	10.72	178.2	22.85	19.49	85.7	89.5	-3.853	40.31	35.55	26.286	941.9	0
"2013-07-28	15:00:00"	13.17	186.1	19.79	21.87	10.7	184	22.93	18.89	86.9	90.4	-3.58	39.27	34.94	26.264	563.77	0
"2013-07-28	16:00:00"	14.58	176.6	14.98	23.66	11.78	174.6	17.71	18.89	87.8	90	-2.206	39.02	35.63	26.241	639.29	0
"2013-07-28	17:00:00"	13.33	174.2	30.89	24.26	10.84	171.8	37.85	18.89	88.2	90.1	-1.843	39.1	36.74	26.218	471.41	0.05
"2013-07-28	18:00:00"	11.63	123	18.77	20.09	9.15	123	18.67	16.51	85.8	85.8	-0.046	45.22	47.24	26.211	205.73	0
"2013-07-28	19:00:00"	12.36	96.2	9.21	20.09	9.67	96.2	10.76	17.1	83.4	85	-1.613	49.58	48	26.209	105.28	0
"2013-07-28	20:00:00"	15.34	127.2	14.88	25.45	12.04	127.1	15.67	21.28	79.83	81.7	-1.886	57.14	54.04	26.228	56.859	0
"2013-07-28	21:00:00"	15.57	131.8	13.26	24.86	12.34	131.8	13.61	20.68	75.39	77.47	-2.084	67.53	63.53	26.255	14	0
"2013-07-28	22:00:00"	7.994	136.2	17.61	12.93	6.386	134	19.06	10.54	74.05	74.37	-0.319	71.88	70.64	26.271	0.00584	0
"2013-07-28	23:00:00"	6.081	117.6	21.56	8.75	4.726	116.3	23.66	7.561	74.71	74.8	-0.085	73.09	72.38	26.283	0	0
"2013-07-29	00:00:00"	9.73	130.9	13.91	14.72	7.654	129.6	15.12	12.33	73.78	73.99	-0.209	76.38	75.26	26.297	0	0
"2013-07-29	01:00:00"	10.28	137.5	8.15	15.31	8.07	136.8	8.59	12.33	73.69	74.94	-1.246	78.28	76.23	26.294	0	0
"2013-07-29	02:00:00"	6.903	187	29.34	10.54	5.538	187.4	30.25	9.35	73.2	74.25	-1.057	79.61	77.75	26.287	0	0
"2013-07-29	03:00:00"	3.776	148	25.34	5.771	2.628	137.9	30.66	5.175	72.85	73.21	-0.365	80.6	79.68	26.28	0	0
"2013-07-29	04:00:00"	5.584	142.8	11.95	8.75	4.203	139.9	12.2	6.368	72.36	73.08	-0.72	82.9	82	26.274	0	0
"2013-07-29	05:00:00"	7.64	169.8	10.26	12.33	6.01	167.7	11.47	9.95	71.77	71.99	-0.226	85.4	84.4	26.271	0	0
"2013-07-29	06:00:00"	8.04	193.6	12.03	12.33	6.379	193.1	13.66	10.54	70.98	71.13	-0.143	86.1	85.2	26.275	0	0
"2013-07-29	07:00:00"	7.261	198.7	8.99	10.54	5.71	199.5	10.29	8.75	70.22	70.36	-0.146	87.1	86.1	26.286	0.08412	0
"2013-07-29	08:00:00"	7.284	186.5	8.58	9.95	5.782	185.5	11.78	9.35	69.5	69.71	-0.216	88.7	87.7	26.304	32.319	0
"2013-07-29	09:00:00"	7.171	193.4	11.26	11.14	5.83	192	13.83	8.75	71.88	72.46	-0.578	81.5	79.94	26.319	240.13	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-07-29	10:00:00"	9.27	192.2	14.9	14.72	7.497	191.6	19.26	12.93	75.67	76.84	-1.167	67.93	65.19	26.333	332.19	0
"2013-07-29	11:00:00"	10.39	196.8	14.86	17.1	8.39	196.1	17.79	15.91	77.97	80.5	-2.555	60.43	56.08	26.334	485.77	0
"2013-07-29	12:00:00"	10.6	202.5	13.89	15.91	8.69	201.1	16.18	14.12	80.1	82.4	-2.343	53.44	49.29	26.339	340.31	0
"2013-07-29	13:00:00"	10.37	195.5	12.83	14.72	8.41	194.3	15.02	12.93	81	82.4	-1.375	50.95	47.76	26.342	270.89	0
"2013-07-29	14:00:00"	9.33	205.4	18.53	16.51	7.687	206.2	22.3	14.72	83.1	85.4	-2.239	49.34	45.24	26.338	558.49	0
"2013-07-29	15:00:00"	8.17	218	26.63	15.31	6.877	218.9	30.67	14.12	85.5	87.6	-2.015	45.1	41.19	26.327	935.33	0
"2013-07-29	16:00:00"	7.967	220.2	43.07	18.3	6.552	220.9	47.05	15.31	87.9	89.9	-1.935	40.65	37.32	26.308	881.83	0
"2013-07-29	17:00:00"	8.25	208.6	28.1	17.7	6.907	207.5	34.38	15.91	89.8	91.6	-1.783	37.15	34.22	26.297	702.1	0
"2013-07-29	18:00:00"	10.32	199.2	18.25	17.1	8.38	200	22	15.91	90	92.9	-2.955	37.39	33.75	26.29	550.33	0
"2013-07-29	19:00:00"	9.63	185.9	21.23	15.91	7.966	184.8	24.32	14.12	90.5	93	-2.514	36.14	32.84	26.288	425.74	0
"2013-07-29	20:00:00"	11.32	170.4	11.73	17.7	8.98	168.3	13.5	16.51	90.1	92.6	-2.447	35.21	32.21	26.295	183.76	0
"2013-07-29	21:00:00"	14.41	179.9	8.74	25.45	11.33	177.9	11.88	22.47	88.7	91	-2.264	35.55	32.52	26.315	31.654	0
"2013-07-29	22:00:00"	16.9	178.7	6.439	24.86	13.23	175.9	9.53	20.68	83.1	86.1	-3.02	51.82	46.74	26.33	0.305	0
"2013-07-29	23:00:00"	15.07	186.6	9.16	21.28	11.74	186.2	13.37	20.09	79.73	82.9	-3.159	58.35	53.12	26.352	0	0
"2013-07-30	00:00:00"	12.34	192.2	8.49	18.3	9.5	194.2	12.79	17.1	77.64	79	-1.358	60.84	57.71	26.356	0	0
"2013-07-30	01:00:00"	11.31	196.3	8.21	16.51	8.77	199	11.37	14.12	75.72	77.57	-1.851	64.05	60.46	26.351	0	0
"2013-07-30	02:00:00"	9.34	200.9	8.81	13.52	7.527	200.2	9.99	11.74	74.66	75.25	-0.59	66.94	64.87	26.351	0	0
"2013-07-30	03:00:00"	8.01	196.8	8.75	11.74	6.168	197.8	11.74	9.35	73.7	74.63	-0.928	69.24	67.01	26.35	0	0
"2013-07-30	04:00:00"	7.067	202	12.18	9.95	5.58	200.6	12.1	8.75	72.73	73.64	-0.91	71.43	69.26	26.351	0	0
"2013-07-30	05:00:00"	6.907	202.6	8.95	9.95	5.362	200.8	9.2	7.561	71.83	71.88	-0.046	73.53	72.31	26.354	0	0
"2013-07-30	06:00:00"	6.898	192.1	8.48	9.95	5.209	194.9	11.71	7.561	71.49	72.29	-0.807	75.25	73.49	26.362	0	0
"2013-07-30	07:00:00"	5.758	213	18.36	9.35	4.607	212.1	19.65	7.561	70.52	71.58	-1.061	77.74	75.66	26.381	0.05892	0
"2013-07-30	08:00:00"	6.191	220.7	21.83	10.54	5.023	222.6	24.08	8.16	70.24	70.48	-0.235	79.12	77.72	26.391	51.745	0
"2013-07-30	09:00:00"	6.604	225.1	15.31	10.54	5.546	225.4	17.48	9.95	73.37	74.2	-0.827	74.11	71.93	26.405	233.14	0
"2013-07-30	10:00:00"	7.867	280.2	14.55	11.74	5.704	284	16.52	11.14	76.83	78.13	-1.297	66.53	63.32	26.415	415.91	0
"2013-07-30	11:00:00"	8.11	274.5	14.96	14.72	6.288	276.4	16.91	13.52	80.2	81.8	-1.676	58.4	54.61	26.409	608.77	0
"2013-07-30	12:00:00"	9.43	327.7	22.89	17.7	7.232	326	23.76	13.52	84.4	86.7	-2.304	51.37	46.78	26.414	773.41	0
"2013-07-30	13:00:00"	9.88	353.3	19.51	17.7	8.25	350	22.27	17.1	87.5	90.2	-2.734	47.29	42.25	26.413	879.23	0
"2013-07-30	14:00:00"	9.62	348.8	23.1	18.3	7.878	347.5	26.57	16.51	90.9	93.6	-2.679	41.5	37.2	26.399	953.39	0
"2013-07-30	15:00:00"	13	17.64	20.21	22.47	10.67	16.92	24.32	18.89	94.1	97.1	-2.913	33.39	29.67	26.381	941.34	0
"2013-07-30	16:00:00"	13.34	44.22	21.4	24.86	10.84	44.5	24.53	20.68	95.8	100.1	-4.254	30.37	26.16	26.369	865.52	0
"2013-07-30	17:00:00"	13.11	27.55	20.47	25.45	10.81	25.41	24.81	21.87	96.7	100.7	-3.988	26.62	22.85	26.354	774.68	0
"2013-07-30	18:00:00"	15.02	27.95	15.56	23.66	12.16	26.69	20.08	21.28	96.9	101.4	-4.504	28.31	24.16	26.344	624.86	0
"2013-07-30	19:00:00"	14.41	35.75	15.58	20.68	11.57	35.42	19.12	20.09	95.9	100	-4.121	29.85	25.91	26.351	398.47	0
"2013-07-30	20:00:00"	13.42	40.68	13.25	19.49	10.74	41.34	15.86	17.7	94.5	97.6	-3.161	32.03	28.55	26.355	176.84	0
"2013-07-30	21:00:00"	10.42	46.16	10.9	16.51	8.01	46.27	12.34	14.12	92.5	94.5	-2.057	35.21	32.52	26.369	21.021	0
"2013-07-30	22:00:00"	7.299	31.44	13.81	9.35	4.784	25.32	19.23	8.16	88.7	87.9	0.729	39.16	38.48	26.387	0.02653	0
"2013-07-30	23:00:00"	9.12	22.22	7.621	11.74	6.455	18.06	12.83	9.35	85.3	86.6	-1.291	44.58	42.26	26.39	0	0
"2013-07-31	00:00:00"	5.598	68.91	40.86	11.14	4.051	70.75	43.77	8.16	82.6	83.1	-0.505	50.91	48.71	26.394	0	0
"2013-07-31	01:00:00"	5.5	6.306	36.13	8.16	3.694	0.635	39.67	6.368	79.53	79.62	-0.09	56.64	55.68	26.4	0	0
"2013-07-31	02:00:00"	5.302	99.6	23.78	8.16	3.307	78.45	33.99	6.964	78.59	78.61	-0.026	55.83	56.41	26.399	0	0
"2013-07-31	03:00:00"	6.801	124.4	14.24	11.14	4.704	119.6	15.13	9.35	77.69	78.62	-0.926	59.16	57.18	26.406	0	0
"2013-07-31	04:00:00"	7.504	156.8	11.34	11.74	5.977	154	12.22	9.35	77.25	78.92	-1.666	59.53	57.16	26.416	0	0
"2013-07-31	05:00:00"	8.8	172	8.39	13.52	6.687	169.2	10.51	11.14	76.84	78.88	-2.04	59.06	56.22	26.421	0	0
"2013-07-31	06:00:00"	9.42	177	10.62	13.52	7.166	175.9	12.84	11.14	76.36	78.14	-1.784	60.47	57.55	26.424	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-07-31	07:00:00"	7.376	193.4	10.64	12.33	5.511	195.2	13.58	9.35	75.24	76.49	-1.249	62.51	60.17	26.435	0.29068	0
"2013-07-31	08:00:00"	5.91	202.2	14.68	9.35	4.531	199.4	14.99	8.16	74.47	75.31	-0.845	64.1	62.44	26.44	29.334	0
"2013-07-31	09:00:00"	5.583	185.2	14.58	9.95	4.467	181.7	16.41	9.35	75.94	77.12	-1.178	62.66	60.49	26.458	171.85	0
"2013-07-31	10:00:00"	6.16	203.7	17.83	11.14	5.167	204.3	21.2	9.95	79.89	81.7	-1.756	56.15	52.8	26.469	361.62	0
"2013-07-31	11:00:00"	5.554	174.2	28.43	10.54	4.673	172	32.96	9.35	83.1	84.4	-1.31	50.19	47.06	26.473	509.67	0
"2013-07-31	12:00:00"	2.452	114.5	81.7	6.368	2.152	116.9	83.1	6.964	87.3	88.1	-0.779	42.24	39.88	26.47	687.12	0
"2013-07-31	13:00:00"	7.119	129.7	30.6	14.12	6.03	130.3	32.67	12.33	90.5	92.2	-1.699	37.76	34.91	26.465	759.42	0
"2013-07-31	14:00:00"	9.29	124.7	34.12	17.1	7.784	125.1	35.28	14.72	92	94.1	-2.098	36.27	33.1	26.455	805.11	0
"2013-07-31	15:00:00"	9.9	120.4	26.43	21.87	8.27	120.1	28.73	20.09	93.8	96.1	-2.317	32.06	28.83	26.438	962.55	0
"2013-07-31	16:00:00"	12.71	121	22.18	24.86	10.5	121.2	23.54	18.89	94.9	99.4	-4.472	29.28	24.95	26.415	922.13	0
"2013-07-31	17:00:00"	12.96	120.8	26.1	24.86	10.65	120.9	28.09	24.26	95.1	98.3	-3.19	27.94	24.34	26.395	849.95	0
"2013-07-31	18:00:00"	12.55	100.5	18.2	20.68	10.23	100.1	19.53	17.1	94.5	96.5	-1.921	30.13	27.17	26.385	355.24	0
"2013-07-31	19:00:00"	11.54	118	19.53	22.47	9.24	118.2	21.25	18.89	93.7	94.8	-1.039	31	28.64	26.374	245.89	0
"2013-07-31	20:00:00"	6.02	300.3	52.77	11.74	4.309	302.7	51.8	9.95	88.9	90.9	-1.953	37.25	34.16	26.378	56.62	0
"2013-07-31	21:00:00"	4.121	340.3	18.64	7.561	2.994	342.2	18.74	6.368	86.8	86.7	0.087	39.89	38.73	26.395	16.253	0
"2013-07-31	22:00:00"	6.633	86.2	20.91	11.14	4.644	74.19	32.5	8.16	87.1	86.1	0.995	37.42	37.52	26.41	0.01523	0
"2013-07-31	23:00:00"	8.12	93.8	9.1	10.54	5.786	91.4	10.63	9.35	84.7	85.7	-0.965	43.43	41.06	26.434	0	0
"2013-08-01	00:00:00"	11.11	37.36	32.16	23.07	8.57	33.24	34.09	19.49	81.6	83.5	-1.88	47.95	44.68	26.438	0	0
"2013-08-01	01:00:00"	11.79	27.05	7.006	18.89	9.38	26.55	10.89	18.3	78.13	80.9	-2.758	48.84	44.62	26.456	0	0
"2013-08-01	02:00:00"	9.73	33.33	6.565	14.12	7.645	34.01	9.65	12.33	77.23	79.7	-2.473	49.36	45.51	26.463	0	0
"2013-08-01	03:00:00"	14.43	33.39	7.31	23.07	11.67	33.56	10.41	20.68	76.67	79.45	-2.781	53.16	48.58	26.462	0	0
"2013-08-01	04:00:00"	12.68	39.79	7.82	19.49	10.25	40.42	9.78	16.51	74.99	77.7	-2.708	64.45	59.37	26.453	0	0
"2013-08-01	05:00:00"	10.84	54.19	10.69	15.91	8.28	56.16	12.25	13.52	74.35	75.78	-1.426	68.65	65.63	26.45	0	0
"2013-08-01	06:00:00"	9.2	72.29	11.63	14.72	6.88	72.33	12.2	11.74	73	74.14	-1.144	71.87	69.32	26.451	0	0
"2013-08-01	07:00:00"	7.055	75.41	13.06	9.35	4.678	73.3	13.44	7.561	71.4	71.67	-0.268	75.38	73.59	26.448	0.07933	0
"2013-08-01	08:00:00"	9.97	100.7	7.022	14.72	7.612	99.4	8.35	12.33	72.55	72.47	0.079	73.05	72.17	26.453	40.566	0
"2013-08-01	09:00:00"	11.94	109.4	8.46	16.51	9.72	108.7	10.69	13.52	75.57	76.25	-0.679	66.07	63.81	26.459	217.41	0
"2013-08-01	10:00:00"	10.4	120.3	13.82	17.1	8.49	120.6	15.06	14.12	80.1	81.7	-1.578	56.04	52.5	26.466	436.61	0
"2013-08-01	11:00:00"	7.116	173.9	26.18	13.52	5.987	169.9	28.49	12.33	83.2	85.5	-2.217	43.95	40.12	26.464	638.89	0
"2013-08-01	12:00:00"	6.603	209.3	40.16	12.33	5.611	209.3	44.47	11.74	86.1	88.7	-2.594	36.58	33.14	26.462	761	0
"2013-08-01	13:00:00"	6.381	174	55.55	13.52	5.479	173.6	60.36	12.33	88	90.4	-2.485	33.99	30.64	26.453	880.91	0
"2013-08-01	14:00:00"	6.889	183.9	48.17	16.51	5.848	180.7	51.59	14.12	89.6	92.2	-2.584	32.17	28.83	26.432	795.52	0
"2013-08-01	15:00:00"	7.94	138.1	49.07	16.51	6.791	138.2	52.5	15.91	91.1	93.8	-2.681	29.55	26.23	26.409	917.38	0
"2013-08-01	16:00:00"	8.93	159.2	37.24	18.89	7.402	156.5	39.15	18.89	92.6	95.3	-2.688	26.56	23.38	26.38	873.06	0
"2013-08-01	17:00:00"	9.58	155.6	34.46	20.09	7.881	156.3	36.22	17.1	93.2	95.1	-1.92	24.73	21.98	26.354	548.89	0
"2013-08-01	18:00:00"	9.93	162.1	23.46	20.09	8.13	158.9	26.48	15.91	94	95.8	-1.827	23.52	20.89	26.336	552.39	0
"2013-08-01	19:00:00"	10.22	143.2	18.13	17.1	8.34	142.4	18.74	15.31	93.7	95.1	-1.44	24.77	22.31	26.331	278.26	0
"2013-08-01	20:00:00"	10.02	140.2	15.51	16.51	8.21	139.2	15.55	15.31	93.3	94	-0.742	24.71	22.63	26.333	151.16	0
"2013-08-01	21:00:00"	8.33	152.7	8.68	13.52	6.787	150.3	8.31	11.74	91.4	91.5	-0.103	26.76	25.07	26.336	26.098	0
"2013-08-01	22:00:00"	6.304	147.8	11.55	9.95	4.582	142.8	12.03	7.561	88.3	88.8	-0.447	29.57	28.06	26.343	0.00536	0
"2013-08-01	23:00:00"	6.646	156.8	11.96	9.95	4.966	150	13.12	7.561	86.3	85.9	0.405	30.74	29.72	26.354	0	0
"2013-08-02	00:00:00"	7.921	172.8	7.604	11.14	5.931	171.1	10.43	8.75	83.9	85.3	-1.445	32.77	30.88	26.357	0	0
"2013-08-02	01:00:00"	8.77	167.8	8.67	12.33	6.697	164.1	10.14	9.95	82.3	83.4	-1.07	35.77	33.99	26.349	0	0
"2013-08-02	02:00:00"	7.201	153	9.29	10.54	5.416	149.5	9.64	8.16	79.95	80.2	-0.231	38.86	37.43	26.348	0	0
"2013-08-02	03:00:00"	10.41	167.7	9	15.31	8.14	165.5	10.46	12.33	79.24	80.9	-1.659	40.99	38.66	26.339	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-02	04:00:00"	8.88	177.1	7.667	13.52	6.67	173.7	9.33	11.14	77.12	78.52	-1.401	43.91	41.46	26.339	0	0
"2013-08-02	05:00:00"	8.41	180.5	7.63	12.33	6.301	176.6	10.48	10.54	75.38	76.77	-1.386	45.83	43.55	26.336	0	0
"2013-08-02	06:00:00"	9.65	177.5	7.249	14.72	7.153	173	9.35	11.14	75.09	76.48	-1.386	45.25	43.25	26.329	0	0
"2013-08-02	07:00:00"	8.52	165.6	9.51	12.93	6.51	162.9	10.19	11.14	74.53	75.83	-1.305	45.05	43.09	26.333	0.06409	0
"2013-08-02	08:00:00"	8.1	167.5	10.17	12.33	6.166	165.5	11.41	9.95	74.01	75.5	-1.494	43.87	41.81	26.34	43.381	0
"2013-08-02	09:00:00"	9.56	166.5	11.03	17.7	7.686	163.3	12.46	15.31	76.07	78.29	-2.215	40.82	38.07	26.349	225.53	0
"2013-08-02	10:00:00"	14.23	184.5	9.78	20.09	11.28	183.1	13.66	18.3	80.8	84.3	-3.417	35.52	31.98	26.356	428.04	0
"2013-08-02	11:00:00"	12.73	200.1	13.13	18.89	10.43	198.5	15.8	16.51	84.7	88.1	-3.335	32.07	28.42	26.355	625.99	0
"2013-08-02	12:00:00"	10.53	210.7	20.78	17.7	8.73	210.9	23.76	15.91	87.8	91	-3.166	29.24	25.79	26.354	792.36	0
"2013-08-02	13:00:00"	11.31	219	18.16	19.49	9.49	218.7	21.13	17.1	90.7	93.2	-2.452	26.25	23.18	26.344	906.68	0
"2013-08-02	14:00:00"	9.46	218.6	25.37	18.89	8.03	218.9	29.67	15.91	92.9	95.4	-2.534	23.99	20.97	26.327	960.53	0
"2013-08-02	15:00:00"	8.81	209.2	33.6	18.3	7.326	209.8	37.33	17.1	94.6	97.4	-2.752	22.62	19.55	26.302	993.02	0
"2013-08-02	16:00:00"	10.87	193.5	29.11	21.87	9.12	189.2	34.87	20.68	95.4	98.4	-2.938	21.48	18.36	26.281	819.42	0
"2013-08-02	17:00:00"	8.69	209.2	48.89	16.51	7.29	208.3	52.38	14.72	96.1	98.7	-2.58	21.13	18.2	26.262	679.43	0
"2013-08-02	18:00:00"	10.49	193.9	22.94	20.09	8.55	191.9	25	17.7	95.8	97.3	-1.527	21.7	19.25	26.251	363.99	0
"2013-08-02	19:00:00"	10.13	206.5	21.46	21.28	8.33	207.3	23.7	18.3	96	97.2	-1.209	21.75	19.41	26.246	324.58	0
"2013-08-02	20:00:00"	10.06	183.8	12.77	17.7	7.931	182.3	16.71	14.72	95.4	97.8	-2.421	21.68	19.07	26.247	148.21	0
"2013-08-02	21:00:00"	8.34	193.1	9.37	14.12	6.337	193.3	12.21	12.33	93.6	94.3	-0.676	21.32	19.53	26.257	25.449	0
"2013-08-02	22:00:00"	6.634	194.1	9.4	9.35	4.458	194.4	10.76	6.964	90	89.4	0.645	22.54	21.42	26.271	0.00804	0
"2013-08-02	23:00:00"	8.11	184.3	10.85	17.1	5.587	184.4	16.13	13.52	88.4	87.6	0.79	23.73	22.71	26.287	0	0
"2013-08-03	00:00:00"	11.26	172	7.957	18.3	8.69	168	9.09	14.72	84.8	86.5	-1.73	29.24	26.94	26.302	0	0
"2013-08-03	01:00:00"	13.08	174	7.804	20.09	10.12	170.6	9.91	17.7	83.1	85	-1.907	33.79	31.34	26.308	0	0
"2013-08-03	02:00:00"	13.45	177.9	6.598	18.3	10.4	174.7	9.3	14.72	82.3	83.3	-0.921	37.21	35.28	26.314	0	0
"2013-08-03	03:00:00"	12.2	182	7.912	19.49	9.39	180.1	10.88	15.91	80.6	81.6	-0.951	39.09	37.24	26.319	0	0
"2013-08-03	04:00:00"	12.17	183.9	8.2	18.89	9.46	183.1	10.88	14.72	79.44	80.5	-1.019	39.9	37.92	26.317	0	0
"2013-08-03	05:00:00"	12.44	184.3	8.25	19.49	9.67	184	12	15.31	78.52	79.19	-0.676	41.56	39.54	26.314	0	0
"2013-08-03	06:00:00"	12.15	182.3	8.12	17.1	9.45	180.7	11.85	14.12	77.27	79.07	-1.807	43.85	40.86	26.318	0	0
"2013-08-03	07:00:00"	11.81	177.9	6.948	15.91	9.1	175.8	9.94	12.93	76.11	77.8	-1.691	45.78	42.89	26.326	0.05921	0
"2013-08-03	08:00:00"	10.29	186.6	8.94	14.72	7.989	186.8	12.74	13.52	75.33	76.53	-1.194	47.99	45.5	26.336	45.351	0
"2013-08-03	09:00:00"	14.3	186.1	9.17	22.47	11.23	185.3	13.52	18.3	77.09	78.2	-1.11	47.17	44.46	26.338	218.99	0
"2013-08-03	10:00:00"	15	187.2	11.14	22.47	11.93	186.5	14.67	18.89	80.6	83.6	-3.032	43.04	38.6	26.342	428.9	0
"2013-08-03	11:00:00"	12.67	197.2	13.79	17.7	10.18	197	16.52	15.91	84.7	87.8	-3.096	38.45	34.53	26.344	626.76	0
"2013-08-03	12:00:00"	11.41	199.3	15.94	18.89	9.41	198.2	19.77	16.51	88.5	95.1	-6.633	33.86	28	26.345	787.07	0
"2013-08-03	13:00:00"	10.39	189.4	25.05	17.1	8.65	187.4	27.68	15.31	91.5	97.8	-6.29	29.89	24.44	26.339	900.24	0
"2013-08-03	14:00:00"	8.96	174.2	30.63	17.7	7.454	172.8	33.17	15.31	94	96.6	-2.531	27.29	24.2	26.328	949.37	0
"2013-08-03	15:00:00"	9.32	161	29.82	20.68	7.656	160.2	32.02	18.89	96.1	98.8	-2.705	22.36	19.29	26.317	946.4	0
"2013-08-03	16:00:00"	7.68	138	48.2	15.91	6.514	137.7	49.96	14.72	97.2	99.6	-2.431	20.58	17.75	26.302	884.22	0
"2013-08-03	17:00:00"	9.86	152.7	29.09	20.68	8.14	152.1	31.94	19.49	98.1	100.5	-2.427	19.07	16.33	26.282	775.36	0
"2013-08-03	18:00:00"	9.95	146.9	38.42	20.68	8.15	146.7	40.5	17.7	98.7	101.2	-2.456	18.71	15.97	26.273	632.31	0
"2013-08-03	19:00:00"	10.36	160	25.87	17.7	8.37	158.4	29.25	16.51	98.3	100.1	-1.787	19.23	16.8	26.269	426.5	0
"2013-08-03	20:00:00"	14.23	135.9	13.94	23.66	11.26	135.5	14.21	20.09	97.3	98.9	-1.535	20.39	17.97	26.268	204.87	0
"2013-08-03	21:00:00"	15.49	127.1	7.607	21.87	11.85	127.7	9.6	19.49	94.6	95.5	-0.868	23.45	21.26	26.283	35.532	0
"2013-08-03	22:00:00"	13.31	128.9	6.933	19.49	9.99	128.7	8.49	16.51	91	91.5	-0.495	26.31	24.38	26.298	0.00977	0
"2013-08-03	23:00:00"	12.73	130.1	8.13	18.3	9.81	129.7	9.42	17.7	87.6	88.2	-0.572	29.49	27.56	26.331	0	0
"2013-08-04	00:00:00"	11.15	144.7	10.49	15.91	8.78	143	10.61	13.52	85	85.2	-0.203	34.1	32.39	26.357	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-04	01:00:00"	9.31	154.9	8.97	14.12	7.495	151.5	8.5	11.74	82.8	83	-0.242	37.77	36.13	26.372	0
"2013-08-04	02:00:00"	9.91	167.2	9.15	15.31	7.81	164.5	10.83	13.52	80.8	81	-0.174	40.59	38.96	26.379	0
"2013-08-04	03:00:00"	12.15	173.2	6.592	15.91	9.44	170.3	9.09	14.12	79.95	80	-0.064	42.72	41.01	26.376	0
"2013-08-04	04:00:00"	11.24	174.8	6.418	15.31	8.77	171.5	8.79	13.52	78.47	78.79	-0.316	45.27	43.47	26.376	0
"2013-08-04	05:00:00"	8.91	169.7	8.09	13.52	6.925	167.8	9.46	10.54	76.98	77.18	-0.201	47.04	45.45	26.376	0
"2013-08-04	06:00:00"	10.12	170	7.614	15.91	7.891	167.5	9.45	12.93	76.1	76.06	0.042	45.75	44.5	26.371	0
"2013-08-04	07:00:00"	8.2	159.3	13.68	12.93	6.282	156.2	14.95	11.14	74.94	75.04	-0.096	46.36	44.88	26.375	0.27362
"2013-08-04	08:00:00"	9.72	145.5	10.88	15.91	7.564	143.3	10.95	14.72	72.78	73.35	-0.574	52.79	50.73	26.389	34.907
"2013-08-04	09:00:00"	10.59	152.7	11.35	16.51	8.61	150.5	12.01	13.52	73.76	74.74	-0.985	61.12	58.17	26.404	186.45
"2013-08-04	10:00:00"	13.39	156.7	12.04	19.49	11.03	154.5	12.91	17.7	77.38	79.21	-1.827	61.2	57.09	26.412	418.88
"2013-08-04	11:00:00"	13.35	154.6	13.69	20.09	10.98	152.8	14.45	17.7	80.3	82.6	-2.335	54.87	49.94	26.41	599.57
"2013-08-04	12:00:00"	12.83	155	16.81	18.3	10.59	153.6	17.76	17.1	84.1	86.9	-2.839	45.78	40.65	26.406	787.1
"2013-08-04	13:00:00"	12.37	151.6	17.04	20.09	10.25	150.3	17.7	17.7	86.9	90	-3.085	37.82	33.55	26.397	898.27
"2013-08-04	14:00:00"	12.39	146.8	20.94	21.28	10.17	145.7	21.38	18.89	89.6	92.7	-3.068	31.61	27.79	26.376	955.88
"2013-08-04	15:00:00"	11.39	152	23.01	30.82	9.51	151.4	24.99	27.84	91.2	94.3	-3.115	27.25	23.72	26.358	927.93
"2013-08-04	16:00:00"	12.11	150.1	26.75	21.28	10.02	148.2	29.28	18.89	92.6	95.1	-2.54	25.2	22.04	26.335	895.39
"2013-08-04	17:00:00"	12.13	160.3	20.42	22.47	10.01	158.6	21.58	18.3	93.3	95.7	-2.397	26.17	23.02	26.314	778.3
"2013-08-04	18:00:00"	11.97	146.8	22.59	21.87	9.87	145.1	24.51	20.09	94.1	96	-1.973	24.81	21.96	26.304	615.21
"2013-08-04	19:00:00"	11.45	132.2	16.55	20.68	9.29	131.3	17.56	17.7	94.4	95.9	-1.553	24.22	21.64	26.294	414.82
"2013-08-04	20:00:00"	11.3	138.5	16.91	17.7	9.07	137.7	18.46	17.7	93.8	94.7	-0.893	24.78	22.55	26.295	207.92
"2013-08-04	21:00:00"	11.49	141.9	7.959	16.51	9.1	140.5	8.96	14.12	92	92.3	-0.228	26.28	24.45	26.301	35.511
"2013-08-04	22:00:00"	7.89	126	10.22	12.93	6.647	124	11.73	11.14	87.9	87.9	-0.035	30.16	28.52	26.312	0.0001
"2013-08-04	23:00:00"	10.38	135.6	7.236	14.72	7.813	134.2	8.09	11.74	85.9	86.2	-0.274	34.16	32.58	26.342	0
"2013-08-05	00:00:00"	10.41	149.5	10.27	14.72	8.19	147.1	10.14	12.33	83.8	83.8	0.013	35.77	34.31	26.361	0
"2013-08-05	01:00:00"	9.59	151.1	9.61	14.12	7.594	148.8	9.92	11.74	81.1	81.2	-0.064	38.66	37.16	26.365	0
"2013-08-05	02:00:00"	10.61	168.8	9.56	16.51	8.43	166.2	11.15	13.52	79.43	79.37	0.066	42.35	40.76	26.367	0
"2013-08-05	03:00:00"	14.24	174.4	6.417	20.09	11.1	171.6	9.1	17.1	79.78	79.62	0.17	45.24	43.82	26.362	0
"2013-08-05	04:00:00"	11.43	171.3	6.753	18.3	8.93	168.4	9.16	15.31	78.36	78.23	0.125	48.18	46.76	26.363	0
"2013-08-05	05:00:00"	9.45	168.8	8.28	13.52	7.303	166.2	9.69	11.14	77.13	76.87	0.253	51.76	50.6	26.358	0
"2013-08-05	06:00:00"	7.793	154.7	11.63	11.14	5.981	151.8	12.13	9.95	76.64	76.61	0.035	53.59	52.38	26.355	0
"2013-08-05	07:00:00"	8.93	138.7	8.98	12.33	6.304	136.1	10.76	11.14	74.75	74.78	-0.037	57.06	55.91	26.362	0.10021
"2013-08-05	08:00:00"	8.01	132.2	14.91	12.33	5.877	129.7	16.14	9.95	73.08	73.2	-0.113	60.58	59.08	26.371	42.059
"2013-08-05	09:00:00"	10.58	155.7	12.31	17.7	8.77	153.7	12.88	15.91	74.81	75.92	-1.113	60.12	57.12	26.375	214.99
"2013-08-05	10:00:00"	13.89	171.6	11.16	20.09	11.16	168.8	13.47	17.1	78.46	80.4	-1.94	55.63	51.41	26.376	418.19
"2013-08-05	11:00:00"	10.59	181.8	16.6	16.51	8.59	180.8	19.75	14.72	81.5	84.3	-2.833	50.13	44.81	26.367	618.27
"2013-08-05	12:00:00"	8.62	187.1	24.78	15.91	7.187	185.8	29.01	14.12	84.4	87.2	-2.791	44.9	39.91	26.363	783.84
"2013-08-05	13:00:00"	8.45	167.5	33.35	17.7	7.06	165.7	33.69	14.72	87.5	90.1	-2.63	38.83	35.03	26.35	895.22
"2013-08-05	14:00:00"	7.643	188.9	46.93	15.31	6.427	190	53.21	14.12	90.1	93.2	-3.085	33.38	29.54	26.331	954.7
"2013-08-05	15:00:00"	6.986	230.6	57.8	15.31	5.982	233.9	61.05	15.31	91.8	94.3	-2.554	30.86	27.43	26.312	909.08
"2013-08-05	16:00:00"	7.758	211.1	50.98	17.7	6.46	210.3	55.15	14.72	93.3	96.5	-3.135	28.98	25.39	26.288	844.33
"2013-08-05	17:00:00"	6.899	197.5	36.71	18.3	5.775	193.2	42.04	16.51	94.9	97.7	-2.82	26.29	22.98	26.266	784.78
"2013-08-05	18:00:00"	7.196	209.6	56.34	17.1	5.944	207.2	60.73	15.91	95.5	97.9	-2.454	26.82	23.69	26.246	600.99
"2013-08-05	19:00:00"	8.89	183.8	19.83	20.09	7.29	183.9	25.17	17.7	95.7	97.9	-2.239	27.2	24.21	26.234	351.73
"2013-08-05	20:00:00"	7.999	198	21.05	15.91	6.43	198.3	25.7	13.52	95.7	97.3	-1.581	26.34	23.85	26.223	180.12
"2013-08-05	21:00:00"	7.872	183.8	9.48	12.33	6.047	183.1	12.74	11.14	94.8	95	-0.262	26.15	24.33	26.228	35.334

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2		RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-05	22:00:00"	7.175	182.4	8.11	10.54	5.259	179	10.22	7.561	92.5	92.4	0.031	26.37	24.96	26.237	0	0
"2013-08-05	23:00:00"	10.31	173.6	7.987	15.31	7.984	169.6	9.78	12.93	89	89.2	-0.169	30.84	29.17	26.251	0	0
"2013-08-06	00:00:00"	12.28	172	8.16	21.28	9.64	168.8	9.85	17.7	87.4	87.9	-0.555	35.58	33.86	26.266	0	0
"2013-08-06	01:00:00"	14.79	177.7	6.405	22.47	11.52	175.1	9.4	18.89	85.4	86.3	-0.943	38.63	36.62	26.276	0	0
"2013-08-06	02:00:00"	14.62	175.3	6.791	21.28	11.5	172.2	9.22	17.1	83.6	84.1	-0.539	39.87	38.12	26.285	0	0
"2013-08-06	03:00:00"	14.2	175	6.451	21.28	11.02	172.5	9.42	17.7	82	82.7	-0.639	40.42	38.59	26.278	0	0
"2013-08-06	04:00:00"	13.39	178	6.531	19.49	10.34	175.3	9.44	15.31	80.8	81.5	-0.696	42.25	40.12	26.272	0	0
"2013-08-06	05:00:00"	9.84	182.9	10.21	14.12	7.548	181.7	13.43	11.14	79.47	79.95	-0.483	44.79	42.86	26.27	0	0
"2013-08-06	06:00:00"	7.832	188.9	8.41	13.52	5.874	191.5	12.48	10.54	77.92	78.23	-0.307	47.41	45.62	26.265	0	0
"2013-08-06	07:00:00"	6.711	198.3	9.8	11.74	5.054	199.9	10.47	7.561	75.89	76.09	-0.198	50.37	48.74	26.268	0.07904	0
"2013-08-06	08:00:00"	7.095	205.2	11.95	9.95	5.533	203.9	12.52	8.16	74.73	75.22	-0.487	52.44	50.7	26.281	40.225	0
"2013-08-06	09:00:00"	10.16	200.7	9.72	15.91	8.24	199.6	11.23	13.52	77.75	78.49	-0.742	49.23	46.8	26.283	211.19	0
"2013-08-06	10:00:00"	10.19	228.5	18.9	15.91	8.47	229.5	22.64	14.12	82.6	84.3	-1.663	42.72	39.41	26.287	439.32	0
"2013-08-06	11:00:00"	11.7	267.4	15.96	19.49	9.03	271.1	18.11	16.51	86.9	89.5	-2.625	36.63	33.07	26.283	602.08	0
"2013-08-06	12:00:00"	11.56	262.8	16.66	18.89	9.18	264.5	18.8	15.91	90.7	93.3	-2.534	33.41	29.94	26.284	765.22	0
"2013-08-06	13:00:00"	12.21	261.2	18.31	21.87	9.76	264.8	20.43	19.49	94.5	97.5	-2.993	26.61	23.24	26.282	885.69	0
"2013-08-06	14:00:00"	10.59	270.9	22.97	20.09	8.26	272.6	25.62	17.1	96.2	99.5	-3.287	24.37	20.91	26.269	950.55	0
"2013-08-06	15:00:00"	8.49	242.2	40.14	19.49	6.97	244.9	44.6	17.1	96.5	99.5	-2.916	23.71	20.5	26.249	948.85	0
"2013-08-06	16:00:00"	8.91	254.6	34.87	20.68	7.181	257.3	40.4	18.3	97.6	100.1	-2.437	22.59	19.58	26.231	852.33	0
"2013-08-06	17:00:00"	11.68	254.6	27.71	30.82	9.11	256.8	30.15	23.66	97.9	100	-2.076	22.41	19.57	26.213	448.87	0
"2013-08-06	18:00:00"	11.73	240	19.83	22.47	9.73	243	23.74	19.49	96.7	99.4	-2.616	24.2	21.21	26.209	374.94	0
"2013-08-06	19:00:00"	10.36	204.8	39.85	22.47	8.49	202.8	40.33	20.09	96	96.8	-0.749	24.13	21.97	26.214	204.7	0
"2013-08-06	20:00:00"	17.36	215.4	18.03	29.63	13.96	213.2	19.56	24.26	93.8	96.1	-2.27	25.87	22.98	26.215	107.17	0
"2013-08-06	21:00:00"	13.47	185.6	20.86	24.26	10.78	183.5	22.51	20.68	88.3	89	-0.754	28.34	26.2	26.247	29.776	0
"2013-08-06	22:00:00"	6.651	174.5	19.57	10.54	5.331	173.3	21.97	9.35	84.9	85.3	-0.442	34.08	32.3	26.258	0	0
"2013-08-06	23:00:00"	8.97	208.2	12.71	14.12	7.358	205.3	14.16	12.93	83.2	83.8	-0.617	35.71	33.79	26.267	0	0
"2013-08-07	00:00:00"	10.13	195.8	9.8	14.12	7.903	197.1	11.79	11.74	80.7	81.5	-0.729	38.8	36.81	26.272	0	0
"2013-08-07	01:00:00"	7.641	208.1	13.17	11.74	6.222	205.6	14.62	9.95	78.62	78.98	-0.354	42.29	40.26	26.269	0	0
"2013-08-07	02:00:00"	5.934	221.3	14.36	9.35	4.83	220.2	15.86	8.16	77.41	77.68	-0.262	44.92	43.01	26.268	0	0
"2013-08-07	03:00:00"	4.688	221.5	15.86	7.561	3.829	217	18.14	6.368	76.08	76.55	-0.472	47.1	45	26.262	0	0
"2013-08-07	04:00:00"	5.22	234.3	13.82	8.16	4.187	232.5	17.4	6.964	75.49	75.6	-0.111	48.78	47.09	26.255	0	0
"2013-08-07	05:00:00"	7.247	222.7	25.81	11.74	5.458	223.7	29.44	9.35	74.68	74.5	0.178	50.56	49.26	26.253	0	0
"2013-08-07	06:00:00"	6.661	224.4	17.5	11.74	5.469	224.5	20.5	9.35	73.1	73.62	-0.522	52.51	50.55	26.268	0	0
"2013-08-07	07:00:00"	5.514	220.3	17.33	8.75	4.505	219.6	18.86	7.561	72.07	72.6	-0.529	54.32	52.34	26.271	0.05164	0
"2013-08-07	08:00:00"	6.592	229.4	14.25	14.72	5.366	228.4	17.45	12.33	71.78	72.04	-0.261	55.93	54.2	26.277	32.064	0
"2013-08-07	09:00:00"	8.4	224	14.68	16.51	7.079	220.3	16.36	12.93	73.18	74.12	-0.947	55.19	52.82	26.291	110.54	0
"2013-08-07	10:00:00"	7.784	222.8	14.9	14.72	6.681	222.2	17.45	13.52	77.23	78.14	-0.911	49.09	46.33	26.302	372.75	0
"2013-08-07	11:00:00"	13.26	272.7	15.63	20.68	10.15	275.4	17.43	18.3	86.3	88.6	-2.309	36.34	33.11	26.299	605.83	0
"2013-08-07	12:00:00"	13.23	287.4	14.95	21.87	9.21	289.6	16.62	19.49	90	93.4	-3.379	32.16	28.31	26.294	778.9	0
"2013-08-07	13:00:00"	13.75	302.3	17.45	24.26	9.23	303.7	18.26	20.09	91.7	95.7	-3.928	29.35	25.28	26.292	895.33	0
"2013-08-07	14:00:00"	10.82	301.6	23.25	20.68	7.65	300.9	24.75	15.91	92.4	96.4	-4.02	28.68	24.53	26.285	838.12	0
"2013-08-07	15:00:00"	11.05	272.9	25.35	20.09	8.11	275.9	27.67	17.7	92.8	96	-3.262	28.45	24.78	26.27	640.28	0
"2013-08-07	16:00:00"	15.16	220.9	45.96	34.4	11.94	220	47.94	27.24	85.1	89.1	-3.972	41.83	36.14	26.287	112.28	0
"2013-08-07	17:00:00"	9.13	119.5	21.68	19.49	7.551	119.1	22.36	16.51	78.48	79.63	-1.154	52.95	51.21	26.299	100.36	0
"2013-08-07	18:00:00"	6.435	356.2	33.86	14.12	5.247	357.3	36.17	12.33	79.65	80.6	-0.964	49.72	47.2	26.279	154.89	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-08-07	19:00:00"	6.882	27.35	22.39	12.93	5.879	26.63	23.79	11.14	79.73	81.6	-1.838	53.39	49.4	26.26	192.48	0
"2013-08-07	20:00:00"	5.881	43.18	14.72	8.16	5.057	45.55	17.38	7.561	80.4	81.8	-1.352	49.98	46.54	26.24	150.51	0
"2013-08-07	21:00:00"	5.048	66.7	12.81	6.964	3.833	68.28	14.75	6.964	80.4	80.9	-0.505	48.16	45.83	26.246	35.12	0
"2013-08-07	22:00:00"	5.262	92	12.04	6.368	3.149	78.92	18.57	4.578	78.41	76.86	1.553	52.63	53.76	26.251	0.00201	0
"2013-08-07	23:00:00"	3.579	135.9	45.32	5.175	2.241	118.8	68.44	4.578	77.52	75.73	1.79	53.52	55.38	26.263	0	0
"2013-08-08	00:00:00"	5.214	144.7	23.63	8.75	2.916	125.5	43.24	6.368	75.94	74.08	1.857	59.42	60.52	26.276	0	0
"2013-08-08	01:00:00"	6.727	187.9	11.2	9.95	4.946	186.9	15.41	8.16	76	76.11	-0.114	58.47	57.83	26.271	0	0
"2013-08-08	02:00:00"	6.162	162.8	10.71	9.95	4.565	158.7	12.3	8.16	75.25	74.83	0.418	57.11	56.74	26.274	0	0
"2013-08-08	03:00:00"	6.331	168	9.89	9.35	4.82	165.8	12.69	7.561	74.62	74.44	0.189	57.46	56.67	26.259	0	0
"2013-08-08	04:00:00"	6.594	178.5	15.73	11.74	5	176.6	19.35	9.35	72.52	73.17	-0.649	62.39	60.83	26.25	0	0
"2013-08-08	05:00:00"	5.23	198.5	11.7	9.35	3.885	195.2	11.93	6.368	70.28	70.53	-0.246	66.79	65.25	26.245	0	0
"2013-08-08	06:00:00"	5.334	197.9	16.22	10.54	3.982	200.2	18.9	8.75	70.96	71.2	-0.241	66.5	65.88	26.245	0	0
"2013-08-08	07:00:00"	4.605	218.2	17.16	8.16	3.466	219.9	18.3	6.964	71	70.95	0.056	67.69	67.71	26.245	0.03507	0
"2013-08-08	08:00:00"	6.438	261.4	40.76	10.54	3.694	268.7	42.7	6.368	69.99	69.8	0.193	69.64	70.43	26.252	29.609	0
"2013-08-08	09:00:00"	7.64	256.8	27.14	11.14	5.789	260.6	29.06	9.95	73.16	73.73	-0.567	61.44	60.25	26.261	210.42	0
"2013-08-08	10:00:00"	6.782	251.8	23.97	9.95	5.574	253	26.8	9.35	77.82	79.25	-1.436	52.07	48.88	26.272	413.21	0
"2013-08-08	11:00:00"	7.316	284.6	25.2	13.52	5.61	284.6	28.09	11.14	81.6	84.1	-2.535	43.26	39.25	26.277	607.6	0
"2013-08-08	12:00:00"	8.12	308.4	26.41	15.31	5.848	308	28.13	12.33	84.5	87.6	-3.081	38.01	33.99	26.283	768.87	0
"2013-08-08	13:00:00"	7.435	285.5	37.82	19.49	5.541	286.1	40.46	18.89	87.2	90.3	-3.169	32.31	28.55	26.276	886.15	0
"2013-08-08	14:00:00"	9.09	276.1	39.55	19.49	7.18	277.5	40.13	14.72	88.4	92.3	-3.84	29.31	25.28	26.27	974.61	0
"2013-08-08	15:00:00"	9.06	271.7	33.04	20.09	6.991	273	36.03	17.7	90.3	93.9	-3.607	25.91	22.17	26.258	937.9	0
"2013-08-08	16:00:00"	11.22	291.1	27.7	24.86	8.23	293.6	30.15	23.66	91.5	95.2	-3.695	24.2	20.65	26.244	886.58	0
"2013-08-08	17:00:00"	12.18	281.6	24.73	21.28	8.85	284.5	25.74	18.3	92	95	-3.017	23.76	20.39	26.227	757.22	0
"2013-08-08	18:00:00"	11.36	274.6	21.21	25.45	8.37	276.7	23.63	21.28	92.6	95.5	-2.925	23.89	20.59	26.209	607.1	0
"2013-08-08	19:00:00"	11.8	288.2	19.15	20.09	8.4	290.2	21.02	17.1	92.8	96.2	-3.483	23.6	20.16	26.196	408.1	0
"2013-08-08	20:00:00"	9.33	283.5	17.09	18.89	6.647	285.4	18.79	16.51	92.6	93.7	-1.117	23.67	21.32	26.193	200.94	0
"2013-08-08	21:00:00"	5.192	290.1	15.57	10.54	3.095	297.2	17.97	9.35	91.7	91.1	0.664	23.17	21.89	26.209	30.877	0
"2013-08-08	22:00:00"	3.079	133.4	61.99	4.578	2.793	106.9	62.71	4.578	89.4	87.2	2.226	24.73	24.56	26.231	0.00163	0
"2013-08-08	23:00:00"	5.804	101.8	11.7	10.54	3.473	77.4	11.8	7.561	86.9	83.1	3.835	26.49	28.24	26.246	0	0
"2013-08-09	00:00:00"	9.2	101.6	5.696	11.14	4.606	84.1	8.89	6.368	86	81.3	4.699	28.22	30.74	26.258	0	0
"2013-08-09	01:00:00"	8.73	127.1	9.25	10.54	4.875	125.1	10.44	6.368	84.3	82.2	2.148	30.49	30.86	26.259	0	0
"2013-08-09	02:00:00"	10.02	149.8	20.14	16.51	6.996	145.8	21.9	13.52	82.1	81.1	0.958	33.95	33.41	26.254	0	0
"2013-08-09	03:00:00"	8.22	189.9	23.04	14.12	6.202	191.1	29.13	11.74	77.96	78.68	-0.72	43.71	41.5	26.256	0	0
"2013-08-09	04:00:00"	6.312	288.8	42.57	15.91	4.175	297.8	42.58	13.52	77.47	76.87	0.597	47.21	46.22	26.27	0	0
"2013-08-09	05:00:00"	11.54	19.12	17.08	16.51	9.05	17.81	20.99	14.12	72.04	73.68	-1.64	64.96	60.98	26.286	0	0
"2013-08-09	06:00:00"	14.68	31.47	6.538	20.09	11.68	32.08	9.93	17.7	68.84	71.53	-2.698	75.09	69.89	26.295	0	0
"2013-08-09	07:00:00"	15.17	28.9	6.764	20.09	12.14	29.86	10.7	17.7	67.28	71.32	-4.041	77.91	69.72	26.307	0.02808	0
"2013-08-09	08:00:00"	17.03	26.63	6.179	24.26	13.58	27.31	10.94	20.09	65.83	69.63	-3.8	74.16	66.18	26.326	40.818	0
"2013-08-09	09:00:00"	19.13	30.38	7.157	25.45	15.4	30.76	11.54	23.07	67.24	71.06	-3.815	72.18	64.85	26.348	207.08	0
"2013-08-09	10:00:00"	18.84	37.56	9.04	27.24	15.23	38.08	11.54	24.26	69.93	74.89	-4.963	68.34	59.19	26.366	406.15	0
"2013-08-09	11:00:00"	16.03	44.21	13.29	26.05	12.99	45.25	15.68	22.47	73.17	75.51	-2.345	63.71	58.2	26.375	600.3	0
"2013-08-09	12:00:00"	13.72	43.16	15.36	22.47	11.34	44.66	18.21	19.49	77.1	81.1	-4.039	57.11	50.16	26.382	765.88	0
"2013-08-09	13:00:00"	12.88	54.31	15.24	22.47	10.47	55.93	17.89	18.89	80.3	84.7	-4.364	52.11	44.93	26.382	881.59	0
"2013-08-09	14:00:00"	11.9	39	20.42	20.09	9.82	39.08	23.74	17.1	83.1	87.2	-4.164	47.25	40.32	26.377	937.16	0
"2013-08-09	15:00:00"	12.24	33.49	17.06	20.68	10.31	33.21	21.48	17.7	85.4	90.7	-5.281	42.79	35.88	26.367	916	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-09	16:00:00"	12.44	44.53	20.2	25.45	10.38	44.8	23	26.65	87.6	93	-5.396	38.89	32.79	26.354	875.05	0
"2013-08-09	17:00:00"	13.06	54.01	22.04	24.26	10.58	55.23	23.69	21.28	89.4	95.8	-6.412	36.15	29.92	26.339	758.26	0
"2013-08-09	18:00:00"	11.58	57.03	21.8	22.47	9.43	58.04	23.5	19.49	90.2	95.4	-5.179	34.91	29.53	26.326	552.82	0
"2013-08-09	19:00:00"	12.42	66.03	15.7	26.05	9.99	66.48	17.03	20.09	90.6	93.6	-2.953	34.37	30.49	26.323	387.37	0
"2013-08-09	20:00:00"	13.8	58.16	13.87	20.09	11.02	58.7	15.07	17.7	90.2	93.1	-2.945	35.09	31.49	26.321	195.2	0
"2013-08-09	21:00:00"	14.7	60.1	9.21	21.28	11.29	61.52	11.36	17.7	88.3	91.3	-2.951	37.69	34.19	26.333	48.051	0
"2013-08-09	22:00:00"	14.99	103.4	49.81	29.03	11.71	104.6	48.51	25.45	84.4	87.4	-3.084	44.43	39.33	26.37	0.00019	0
"2013-08-09	23:00:00"	13.1	192.7	26.92	34.4	10.34	194.1	32.66	26.05	71.26	75.28	-4.014	69.07	63.25	26.441	0.29287	0.23
"2013-08-10	00:00:00"	13.84	204.1	16.17	25.45	10.91	203.6	18.34	20.09	73.06	75.27	-2.213	58.4	56.29	26.473	0.00029	0
"2013-08-10	01:00:00"	15.98	203.2	17.32	27.84	12.68	202.4	19.42	21.87	73.39	75.64	-2.254	53.74	52.59	26.476	0.0001	0.03
"2013-08-10	02:00:00"	9.64	74.93	63.29	20.68	7.065	74.19	63.38	19.49	77.22	79.08	-1.857	42.49	42.34	26.432	0	0
"2013-08-10	03:00:00"	11.43	63.08	9.8	16.51	8.25	64.39	11.32	13.52	73.38	75.9	-2.524	61.23	57.71	26.43	0	0
"2013-08-10	04:00:00"	13.01	75.56	8.23	18.89	9.74	75.28	10.09	15.31	71.35	71.45	-0.104	71.69	71.34	26.456	0	0
"2013-08-10	05:00:00"	12.22	58.96	12.56	17.1	9.33	59.22	13.7	13.52	69.85	71.45	-1.596	73.56	71.45	26.48	0	0
"2013-08-10	06:00:00"	13.55	26.29	10.34	19.49	10.47	25.72	14.41	17.7	68.88	69.95	-1.067	75.22	73.82	26.491	0	0
"2013-08-10	07:00:00"	12.62	23.58	7.544	20.68	9.8	23.01	12.45	18.3	68.86	70.35	-1.492	74.64	72.53	26.49	0	0
"2013-08-10	08:00:00"	13.48	37.87	7.374	19.49	10.88	38.12	9.86	16.51	69.35	70.57	-1.222	72.05	70.67	26.507	10.468	0
"2013-08-10	09:00:00"	13.98	44.4	8.65	21.28	11.46	45.2	10.44	18.89	69.34	70.62	-1.279	72.84	71.09	26.519	153.08	0
"2013-08-10	10:00:00"	13.46	58.18	10.67	19.49	10.61	59.79	12.74	16.51	71.82	73.39	-1.564	65.43	63.25	26.527	392.4	0
"2013-08-10	11:00:00"	9.94	61.3	13.93	15.31	7.986	62.64	15.27	12.93	74.38	75.65	-1.264	59.13	57.28	26.524	404.78	0
"2013-08-10	12:00:00"	7.634	75.66	22.72	14.12	6.303	76.49	24.95	12.33	77.87	80.1	-2.255	52.48	49.18	26.52	777.25	0
"2013-08-10	13:00:00"	6.165	84.2	36.79	14.12	5.148	85.8	40.16	11.74	80.7	83	-2.259	50.22	46.44	26.513	727.27	0
"2013-08-10	14:00:00"	6.491	41.3	50.81	16.51	5.401	41.73	53.93	16.51	82.3	84.7	-2.377	47.81	43.86	26.507	498.13	0
"2013-08-10	15:00:00"	6.608	54.64	51.36	15.31	5.489	54.27	59.94	13.52	83.2	85.6	-2.395	45.58	41.79	26.485	658.34	0
"2013-08-10	16:00:00"	6.423	62.05	56.19	14.12	5.437	59.89	60.99	12.33	85.2	88.9	-3.641	40.56	36.11	26.458	804.25	0
"2013-08-10	17:00:00"	7.269	87.2	38.08	15.31	6.059	86.4	38.42	12.33	86.3	89.2	-2.841	38.29	34.67	26.435	569.32	0
"2013-08-10	18:00:00"	12.77	123.4	12.03	18.89	10.16	123.7	13.62	17.1	84.8	89.8	-4.999	43.6	37.26	26.427	166.53	0
"2013-08-10	19:00:00"	9.43	89.3	24.91	15.91	7.687	89.3	25.6	14.12	85.9	91.9	-6.013	38.94	33.13	26.413	320.83	0
"2013-08-10	20:00:00"	11.31	73.02	17.04	18.89	8.79	73.64	17.98	15.31	85.8	92	-6.2	40.93	34.34	26.4	142.1	0
"2013-08-10	21:00:00"	7.705	112.5	14.98	15.31	5.728	112.1	17.02	12.33	83	87.4	-4.39	47.44	41.15	26.407	5.9029	0
"2013-08-10	22:00:00"	6.334	96.5	7.21	8.16	3.769	91.8	9.28	5.175	80.7	83	-2.312	53.63	50.38	26.423	0	0
"2013-08-10	23:00:00"	7.361	147.3	11.96	10.54	5.758	145.5	12.1	9.35	78.74	79.09	-0.357	61.02	59.65	26.448	0	0
"2013-08-11	00:00:00"	6.736	126.4	15.1	9.35	4.646	120.8	18.37	7.561	77.8	77.5	0.296	59.85	59.8	26.456	0	0
"2013-08-11	01:00:00"	8.55	123.5	10.72	14.12	6.177	120.5	14.07	11.74	77.31	76.93	0.379	64.1	64.06	26.464	0	0
"2013-08-11	02:00:00"	8.05	137.9	10.31	12.33	6.133	136.7	11.17	10.54	76.94	77.27	-0.332	65.29	63.98	26.458	0	0
"2013-08-11	03:00:00"	4.853	111.8	22.19	6.368	2.919	95.7	28.99	4.578	75.46	74.94	0.514	66.57	67.83	26.442	0	0
"2013-08-11	04:00:00"	5.61	73.71	15.19	8.75	3.331	66.14	20.07	5.771	74.34	73.72	0.622	70.26	71.09	26.436	0	0
"2013-08-11	05:00:00"	7.825	115.2	10.66	10.54	5.352	113.8	12.57	8.16	72.86	72.58	0.286	74.12	74.26	26.43	0	0
"2013-08-11	06:00:00"	5.236	116.6	17.56	8.75	3.189	100.6	31.43	6.368	72.2	71.59	0.616	72.67	73.86	26.435	0	0
"2013-08-11	07:00:00"	5.099	71.31	21.01	6.964	3.171	61.21	16.19	5.175	71.33	70.72	0.612	74.23	75.33	26.447	0.01169	0
"2013-08-11	08:00:00"	4.909	1.929	38.76	11.74	3.216	351.2	30.79	9.35	70.7	70.37	0.327	76.41	77.15	26.474	10.932	0
"2013-08-11	09:00:00"	4.46	24.48	36.1	8.16	3.436	29.07	36.97	6.964	72.6	72.86	-0.257	72.74	72.11	26.487	98.07	0
"2013-08-11	10:00:00"	9.27	29.97	17.37	17.1	7.701	29.32	21.37	14.72	75.12	77.08	-1.954	66.47	62.35	26.491	464.15	0
"2013-08-11	11:00:00"	6.972	63.25	55.21	14.72	6.007	64.2	59.95	12.33	77.67	80.2	-2.501	59.98	54.85	26.484	639.53	0
"2013-08-11	12:00:00"	6.008	125.1	36.88	18.3	5.024	126.7	44.51	15.91	79.64	82.1	-2.486	56.5	51.66	26.482	762.15	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-11	13:00:00"	9.94	153.5	19.76	18.89	8.34	151.5	22.6	16.51	82.5	85.9	-3.319	51.02	45.2	26.464	777.79	0
"2013-08-11	14:00:00"	12.47	167.2	17.74	21.87	10.26	165.3	19.59	17.1	84.6	88.1	-3.556	44.99	39.45	26.446	768.82	0
"2013-08-11	15:00:00"	13.07	177.3	18.45	23.66	10.76	175.6	21.27	20.68	86.1	89.8	-3.735	39.32	34.69	26.427	877.35	0
"2013-08-11	16:00:00"	12.01	203.2	20.44	22.47	9.94	202.9	24.94	20.68	87.6	91.4	-3.739	37.46	32.95	26.406	894.41	0
"2013-08-11	17:00:00"	8.98	213	53.03	18.89	7.527	211.5	53.87	16.51	87.6	90	-2.408	38.82	35.06	26.391	358.48	0
"2013-08-11	18:00:00"	13.83	25.11	12.31	24.26	11.34	24.47	16.78	20.68	83.8	87.1	-3.249	47.83	42.28	26.394	325.84	0
"2013-08-11	19:00:00"	11.77	57.59	12.75	18.89	9.49	58.44	14.21	16.51	83.6	85.5	-1.937	46.72	42.65	26.391	203.36	0
"2013-08-11	20:00:00"	10.31	46.72	12.12	17.7	8.46	47.24	13.89	15.31	82.7	84.4	-1.743	45.93	42.21	26.376	150.14	0
"2013-08-11	21:00:00"	9.1	80.9	20.69	15.91	7.175	81.6	20.77	12.33	81.2	82.4	-1.222	47.87	44.75	26.388	30.886	0
"2013-08-11	22:00:00"	6.643	62.52	15.03	9.95	5.148	63.83	15.65	8.16	79.73	80.2	-0.431	54.16	52.11	26.391	0	0
"2013-08-11	23:00:00"	8.48	76.12	8.78	12.93	6.395	75.32	10.01	9.95	77.81	82.1	-4.281	59.7	52.82	26.407	0	0
"2013-08-12	00:00:00"	8.52	102.7	15.19	12.33	6.645	101.8	16.39	9.95	76.45	80.7	-4.252	64.73	57.15	26.415	0	0
"2013-08-12	01:00:00"	8.41	85.9	6.914	12.33	6.276	84.1	9.35	9.95	75.16	78.02	-2.858	67.08	61.42	26.412	0	0
"2013-08-12	02:00:00"	7.669	84.4	7.02	9.95	5.624	82	9.37	8.16	73.9	74.01	-0.114	68.96	67.55	26.41	0	0
"2013-08-12	03:00:00"	7.517	108.7	12.12	9.95	5.175	106.5	14.35	7.561	73.4	73.19	0.204	67.7	67.3	26.406	0	0
"2013-08-12	04:00:00"	8.06	139	6.987	11.14	5.992	136.3	8.05	8.75	74.1	74.24	-0.14	65.25	64.35	26.404	0	0
"2013-08-12	05:00:00"	8.52	159.3	11.27	13.52	6.745	155.8	11.36	11.74	73.64	73.93	-0.284	67.17	65.96	26.405	0	0
"2013-08-12	06:00:00"	8.65	171.5	8.63	14.12	6.811	170.1	10.46	12.33	73.05	73.41	-0.361	68.54	67.06	26.407	0	0
"2013-08-12	07:00:00"	8.31	171.2	9.61	12.33	6.573	168.6	11.28	9.95	72.29	72.99	-0.707	70.67	68.88	26.409	0.01801	0
"2013-08-12	08:00:00"	6.575	178	8.31	9.95	5.116	176.9	11.4	8.16	71	72.14	-1.138	74.47	71.89	26.415	31.268	0
"2013-08-12	09:00:00"	8.56	183.5	10.29	16.51	6.86	182.1	13.29	13.52	72.06	73.31	-1.252	73.91	70.82	26.426	190.01	0
"2013-08-12	10:00:00"	13	179.6	8.74	18.3	10.38	177	12.57	15.91	74.89	76.59	-1.699	68.18	64.13	26.432	394.14	0
"2013-08-12	11:00:00"	12.64	179.9	10.44	18.89	10.19	177.3	13.79	15.91	78.49	80.7	-2.173	59.76	55.08	26.43	592.32	0
"2013-08-12	12:00:00"	12.75	175.3	15.14	19.49	10.5	173.6	17.34	15.91	81.7	84.6	-2.899	50.68	45.29	26.431	759.49	0
"2013-08-12	13:00:00"	9.65	178.9	19.34	18.89	8.01	176.9	23.04	17.1	83.8	87.8	-4.026	45.82	39.7	26.427	882.43	0
"2013-08-12	14:00:00"	8.32	187.6	39.28	21.28	6.917	186.9	42.91	21.87	85.4	90.2	-4.828	41.21	35.45	26.414	902.56	0
"2013-08-12	15:00:00"	8.22	133.2	41.36	19.49	6.857	133	43.97	17.7	86.7	91.8	-5.048	39.66	34.08	26.399	685.6	0
"2013-08-12	16:00:00"	8.68	129.2	29.71	18.89	7.309	128.1	32.7	14.72	88.4	96	-7.648	36.73	29.7	26.378	834.5	0
"2013-08-12	17:00:00"	8.66	141.6	32.37	15.91	7.347	140.2	35.22	14.12	89.5	99.4	-9.85	35.29	26.74	26.354	770.53	0
"2013-08-12	18:00:00"	8.93	158.1	25.32	16.51	7.516	154.1	27.37	15.31	90.4	99.4	-8.96	33.23	25.62	26.336	600.52	0
"2013-08-12	19:00:00"	8.59	153	32.39	15.91	7.123	154.5	34.69	14.12	90.4	93.2	-2.842	33.32	29.73	26.325	390.54	0
"2013-08-12	20:00:00"	9.55	136.8	16.39	15.91	7.766	136.4	16.15	13.52	90.3	91.7	-1.369	32.2	29.67	26.318	174.35	0
"2013-08-12	21:00:00"	9.17	125.5	8.1	14.72	6.888	126	10.39	11.74	88.5	89.2	-0.715	34.47	32.45	26.322	13.69	0
"2013-08-12	22:00:00"	7.422	122.2	9.76	9.95	5.008	119.3	11.48	8.16	85.3	85.1	0.172	38.13	37.06	26.341	0	0
"2013-08-12	23:00:00"	9.38	138.7	10.41	14.12	7.183	136.4	10.42	11.74	83.5	83.7	-0.197	41.85	40.15	26.36	0	0
"2013-08-13	00:00:00"	9.02	156.1	9.52	13.52	7.299	153.8	9.65	11.74	80.9	81.2	-0.3	47.35	45.47	26.372	0	0
"2013-08-13	01:00:00"	11.77	169.6	8.42	18.3	9.34	167.8	10.04	15.31	79.62	79.58	0.041	50.02	48.69	26.37	0	0
"2013-08-13	02:00:00"	13.92	177.5	7.401	21.28	10.97	175	10.65	18.3	79.04	79.1	-0.061	50.28	48.8	26.369	0	0
"2013-08-13	03:00:00"	11.74	183.4	8.16	17.7	9.15	182	10.89	14.72	77.53	77.53	-0.003	53.53	52.16	26.37	0	0
"2013-08-13	04:00:00"	12.48	180.4	6.448	17.1	9.8	177.7	10	14.72	76.43	76.43	0.004	56.6	55.28	26.372	0	0
"2013-08-13	05:00:00"	10.18	179.6	7.665	14.72	7.99	177.6	10.73	11.74	75.07	75.05	0.016	60.59	59.38	26.379	0	0
"2013-08-13	06:00:00"	9.32	178.2	6.936	13.52	7.096	174.3	9.65	11.14	73.83	73.74	0.09	63.23	62.28	26.379	0	0
"2013-08-13	07:00:00"	7.64	184.1	8.3	12.33	5.799	183.3	11.83	9.95	73.01	72.82	0.191	64.67	63.9	26.375	0.01121	0
"2013-08-13	08:00:00"	4.224	235.5	27.29	6.964	2.562	245.7	30.83	5.175	72.38	72.05	0.336	65.84	65.38	26.384	30.385	0
"2013-08-13	09:00:00"	6.131	186	18.77	12.33	4.897	182.3	20.99	9.95	74	74.6	-0.607	63.13	61.13	26.392	195.3	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-13	10:00:00"	9.73	179.9	10.9	14.12	7.918	177.3	14.09	12.33	76.85	78.46	-1.607	58.52	54.82	26.399	398.58	0
"2013-08-13	11:00:00"	7.1	185.9	20.61	11.74	5.937	184.9	24.72	11.14	79.78	82	-2.194	53.43	48.93	26.407	595.54	0
"2013-08-13	12:00:00"	4.665	196.9	53.79	11.74	3.909	196.7	62.05	10.54	82.6	84.6	-2	47.49	43.34	26.408	763.42	0
"2013-08-13	13:00:00"	6.917	138	38.89	17.1	5.876	139.7	41.16	15.31	85.1	87.9	-2.805	41.63	37.3	26.404	879.77	0
"2013-08-13	14:00:00"	8.34	106.3	39.33	17.1	6.9	106.7	41.52	15.91	87.7	93.2	-5.527	37.79	32.18	26.389	753.98	0
"2013-08-13	15:00:00"	9.34	96.8	35.33	20.09	7.71	96.7	38.93	15.91	89.2	98.3	-9.17	35.06	27.21	26.374	856.72	0
"2013-08-13	16:00:00"	10.13	110.7	29.77	23.66	8.39	111.2	31.69	20.09	90.6	100.3	-9.69	33.23	25.14	26.352	753.47	0
"2013-08-13	17:00:00"	9.44	97.8	24.37	18.89	7.948	97.7	26.33	15.31	91.6	100.1	-8.46	31.39	24.45	26.329	614.26	0
"2013-08-13	18:00:00"	9.77	110.6	28.46	18.3	8.05	112.3	29.81	15.91	91.7	99.8	-8.05	30.99	24.29	26.312	415.68	0
"2013-08-13	19:00:00"	9.26	125.1	20.59	16.51	7.656	125.2	22.98	16.51	91.6	98.3	-6.701	30.63	24.92	26.313	314.16	0
"2013-08-13	20:00:00"	9.86	113.6	16.2	16.51	7.912	113.6	17.94	12.93	91	97.1	-6.068	31.29	25.83	26.31	112.31	0
"2013-08-13	21:00:00"	8.99	114.9	9.48	12.93	6.853	114.8	11.4	11.14	88.9	93.2	-4.316	33.37	28.81	26.31	9.2244	0
"2013-08-13	22:00:00"	8.28	123.9	10.19	11.74	6.001	122.9	11.8	9.95	85.8	89.5	-3.716	38.19	33.81	26.324	0	0
"2013-08-13	23:00:00"	8.18	113.7	8.25	11.74	5.755	110.2	10.98	9.95	83.2	86.9	-3.703	41.94	36.98	26.349	0	0
"2013-08-14	00:00:00"	9.88	119.9	7.427	13.52	7.202	119.5	10.13	10.54	82.5	82.6	-0.153	43.3	41.52	26.36	0	0
"2013-08-14	01:00:00"	9.44	102	30.12	15.91	6.986	101	30.55	14.12	80.2	80.6	-0.369	47.25	45.26	26.368	0	0
"2013-08-14	02:00:00"	8.89	68.83	11.18	18.3	6.851	68.93	12.28	12.33	77.61	78.37	-0.763	59.01	56.37	26.377	0	0
"2013-08-14	03:00:00"	12.95	47.41	8.56	19.49	10.4	48.12	10.31	15.91	76.14	77.42	-1.282	66.68	63.85	26.387	0	0
"2013-08-14	04:00:00"	15.96	45.87	9.16	25.45	12.83	46.89	10.95	21.28	74.65	76.14	-1.496	71.81	68.57	26.395	0	0
"2013-08-14	05:00:00"	15.47	54.88	10.41	26.05	11.91	56.71	12.09	21.28	72.71	73.99	-1.279	70.89	67.77	26.398	0	0
"2013-08-14	06:00:00"	15.9	63.01	9.24	24.26	12.13	64.64	10.94	18.89	71.16	72.71	-1.546	69.17	65.83	26.395	0	0
"2013-08-14	07:00:00"	14.67	69	8.17	23.07	11.27	69.96	10.27	18.89	69.29	71.36	-2.065	69.79	65.82	26.405	0	0
"2013-08-14	08:00:00"	12.91	61.32	13.71	18.3	10.15	62.66	15.67	16.51	68.7	69.7	-1.004	73.21	70.37	26.428	6.7805	0
"2013-08-14	09:00:00"	17.65	22.04	8.08	26.65	13.87	20.78	14.42	23.07	69.43	71.83	-2.402	69.65	65.23	26.47	54.389	0
"2013-08-14	10:00:00"	20.68	27.48	8	31.42	16.64	27.9	11.76	27.24	69.64	72.04	-2.4	65.27	60.3	26.484	82.211	0
"2013-08-14	11:00:00"	15.62	52.53	29.27	26.65	12.27	53.16	30.32	23.07	65.33	66.91	-1.584	77.65	75.19	26.497	25.152	0.17
"2013-08-14	12:00:00"	12.78	102.4	8.96	20.09	10.11	102.6	10.83	15.31	66.55	66.79	-0.242	81.3	82.1	26.466	157.81	0
"2013-08-14	13:00:00"	8.8	68.37	19.92	12.93	7.275	68.49	20.4	15.91	70.93	71.78	-0.854	71.73	71.73	26.46	306.46	0
"2013-08-14	14:00:00"	5.767	62.91	24.32	10.54	4.861	64.43	26.26	9.95	73.89	74.98	-1.086	60.81	60.01	26.452	265.67	0
"2013-08-14	15:00:00"	4.392	47.77	31.85	7.561	3.637	43.65	33.12	6.964	75.29	76.23	-0.946	57.17	56.47	26.428	352.51	0
"2013-08-14	16:00:00"	6.295	28.38	28.18	11.14	5.418	27.32	33.85	10.54	78.33	80.8	-2.425	50.81	48.35	26.407	900.51	0
"2013-08-14	17:00:00"	7.195	45.97	23.02	12.93	6.155	47.89	25.48	17.7	81	83.6	-2.679	44.67	41.4	26.379	758.22	0
"2013-08-14	18:00:00"	7.968	69.54	23.17	14.72	6.697	69.57	24.31	12.93	82.7	85.3	-2.589	41.58	38.19	26.363	524.99	0
"2013-08-14	19:00:00"	7.191	96	29.18	13.52	5.997	94.4	30.03	11.14	83.1	84.9	-1.806	41.46	38.8	26.357	327.45	0
"2013-08-14	20:00:00"	9.6	111.8	12.64	13.52	7.704	113.2	14.48	11.74	82.1	83.5	-1.349	49.16	46.47	26.346	188.92	0
"2013-08-14	21:00:00"	8.31	79.48	9.4	11.74	6.155	78.89	10.95	8.75	79.6	80	-0.401	53.34	52	26.366	15.728	0
"2013-08-14	22:00:00"	8.95	70.51	8.74	12.33	6.437	69.39	9.82	9.95	75.76	75.93	-0.178	64.81	63.88	26.382	0	0
"2013-08-14	23:00:00"	9.31	88.9	10.13	12.33	6.896	88.1	11.74	11.14	73.63	73.68	-0.054	71.16	70.41	26.398	0	0
"2013-08-15	00:00:00"	12.64	114.5	10.6	20.09	9.68	115	12.35	16.51	72.77	72.64	0.126	72.61	72.12	26.407	0	0
"2013-08-15	01:00:00"	13.26	116.8	8.41	20.68	10.34	116.6	10.96	17.7	72.41	72.38	0.036	75.29	74.62	26.41	0	0
"2013-08-15	02:00:00"	8.65	111.9	13.09	14.12	6.688	112	15.11	11.74	71.33	71.48	-0.146	80.9	79.92	26.407	0	0
"2013-08-15	03:00:00"	6.907	86	9.37	10.54	5.014	83.7	10.81	7.561	70.07	70.7	-0.635	82.3	81.3	26.408	0	0
"2013-08-15	04:00:00"	10.21	66.73	15.52	17.1	7.855	66.45	15.93	15.31	69.94	70.95	-1.017	81.4	79.87	26.411	0	0
"2013-08-15	05:00:00"	11.31	82.3	10.89	18.3	8.56	81.2	12.65	15.91	68.88	69.64	-0.755	83.6	81.9	26.413	0	0
"2013-08-15	06:00:00"	8.02	95.8	13.02	12.33	6.061	94.7	15.12	10.54	66.98	67.17	-0.19	83.1	82.4	26.414	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-08-15	07:00:00"	6.898	67.42	11.41	8.75	4.782	64.29	13.32	7.561	65.1	65.01	0.092	80	80.2	26.416	0	0
"2013-08-15	08:00:00"	6.798	44.27	7.996	9.95	5.276	41.93	9.19	8.75	64.87	64.69	0.176	80	80.5	26.429	24.197	0
"2013-08-15	09:00:00"	3.335	49.33	35.97	6.368	2.716	45.1	39.43	5.175	67.46	67.92	-0.463	75.4	74.22	26.44	181.42	0
"2013-08-15	10:00:00"	5.382	154.5	24.54	10.54	4.511	152.3	24.59	9.95	71.67	73.34	-1.673	70.82	67.8	26.442	386.85	0
"2013-08-15	11:00:00"	5.205	185.3	34.63	9.95	4.449	184.8	38.04	9.35	75.03	77	-1.974	66.06	62.21	26.44	585.95	0
"2013-08-15	12:00:00"	4.806	200.4	37.67	9.35	4.072	204.3	40.21	8.75	79.31	81.2	-1.924	56.63	53.01	26.432	761.84	0
"2013-08-15	13:00:00"	6.077	235.3	37.08	11.74	4.964	237	41	9.95	82.2	84.4	-2.187	51.23	46.98	26.413	827.38	0
"2013-08-15	14:00:00"	5.613	202.7	56.28	10.54	4.626	203.8	59.54	9.95	84.6	86.8	-2.204	46.7	42.55	26.393	919.8	0
"2013-08-15	15:00:00"	5.594	196.5	55.21	12.93	4.845	196.7	59.56	11.74	86.7	88.8	-2.149	41.59	37.87	26.376	976.74	0
"2013-08-15	16:00:00"	5.405	134	49.9	11.14	4.748	127.9	51.35	9.95	88.2	90.4	-2.171	38.57	35.38	26.354	787.85	0
"2013-08-15	17:00:00"	6.438	127.4	41.35	13.52	5.407	125.4	43.9	11.14	89	91.2	-2.131	37.48	34.31	26.332	554.43	0
"2013-08-15	18:00:00"	8.06	95.1	34.5	17.1	6.858	95.6	37.78	14.72	89.9	93.4	-3.56	35.99	31.94	26.317	499.74	0
"2013-08-15	19:00:00"	7.17	120.9	25.62	12.33	5.958	119.8	28.68	11.14	90.2	92.5	-2.344	34.5	31.46	26.31	308.34	0
"2013-08-15	20:00:00"	6.576	136.6	26.19	11.74	5.478	136.2	26.87	9.95	90.1	92.2	-2.055	33.41	30.72	26.313	176.37	0
"2013-08-15	21:00:00"	9.27	112.3	9.04	14.12	7.167	112.2	10.97	12.33	88.2	89.2	-0.997	36.59	34.49	26.333	16.305	0
"2013-08-15	22:00:00"	9.49	119.9	8.5	13.52	7.055	120.3	10.77	10.54	84.3	84.6	-0.293	42.79	41.01	26.354	0	0
"2013-08-15	23:00:00"	11.16	116.4	8.83	15.31	8.73	116.1	11	12.93	82.1	82.4	-0.364	46.68	44.73	26.368	0	0
"2013-08-16	00:00:00"	11.21	121.8	9.49	15.31	8.59	122	11.65	13.52	80.4	80.5	-0.133	46.25	44.64	26.38	0	0
"2013-08-16	01:00:00"	8.74	121.9	32.25	12.93	6.758	121.8	34.18	10.54	78.34	78.39	-0.047	49.16	47.69	26.389	0	0
"2013-08-16	02:00:00"	6.724	214.3	33.91	13.52	5.082	216.3	39.51	11.14	77.79	77.44	0.352	49.76	48.99	26.401	0	0
"2013-08-16	03:00:00"	8.2	169.3	12.05	12.33	6.386	165.3	13.66	9.95	76.45	76.24	0.211	52.25	51.39	26.385	0	0
"2013-08-16	04:00:00"	4.738	217	19.54	9.35	3.568	219.4	18.81	6.368	75.15	74.82	0.325	55.51	54.73	26.378	0	0
"2013-08-16	05:00:00"	4.661	226	26.04	9.95	3.112	229.9	32.55	8.16	74.88	74.31	0.563	56.53	56.38	26.373	0	0
"2013-08-16	06:00:00"	5.263	277.7	18.95	9.35	2.289	300.9	35.5	6.368	73.1	71.05	2.049	57.75	61.01	26.361	0	0
"2013-08-16	07:00:00"	5.019	304.5	22.98	8.16	3.006	344.4	26.58	4.578	73.53	68.57	4.961	53.89	64.27	26.359	0	0
"2013-08-16	08:00:00"	6.917	321.9	10.49	9.35	3.508	341.1	21.39	4.578	71.53	67.28	4.255	57.32	66.86	26.375	27.968	0
"2013-08-16	09:00:00"	2.293	269.2	68.6	6.368	1.418	186.7	86.2	3.982	73.88	73.38	0.499	51.56	53.52	26.38	190.19	0
"2013-08-16	10:00:00"	3.404	196.8	39.29	6.368	2.93	197.2	43.98	5.175	78.31	78.97	-0.658	43.87	41.9	26.39	392.89	0
"2013-08-16	11:00:00"	11.57	101.2	57.65	29.03	9.25	100.6	58.86	23.66	82.1	84	-1.914	42.68	39.18	26.412	588.76	0
"2013-08-16	12:00:00"	19.17	104.2	11.18	29.03	15.57	104	13.23	25.45	78.88	81.6	-2.706	58.09	52.54	26.437	745.88	0
"2013-08-16	13:00:00"	16.53	121.8	14.55	26.65	13.26	122.4	15.8	24.86	80.5	83.6	-3.066	54.58	48.65	26.431	853.74	0
"2013-08-16	14:00:00"	13.17	136	21.54	25.45	10.83	134.4	22.39	20.68	83.1	86.1	-3.03	46.82	41.38	26.413	911.16	0
"2013-08-16	15:00:00"	10.95	157.5	26.52	21.28	9.03	157.1	27.63	18.3	85.5	88.3	-2.832	41.46	37.07	26.387	891.2	0
"2013-08-16	16:00:00"	10.22	169.3	32.8	27.84	8.54	167.7	35.61	26.05	87.2	89.9	-2.691	38.78	34.93	26.366	848.94	0
"2013-08-16	17:00:00"	11.03	162.6	25.62	19.49	9.09	160	26.38	17.1	88.8	91.4	-2.624	38.11	34.37	26.348	721.28	0
"2013-08-16	18:00:00"	10.24	154.2	24.95	17.7	8.49	153.1	25.4	15.91	89.2	91.5	-2.267	36.1	32.73	26.345	484.03	0
"2013-08-16	19:00:00"	8.56	132.3	26.83	15.91	7.152	131.2	28.14	14.72	89.5	91.4	-1.836	33.2	30.3	26.343	352.31	0
"2013-08-16	20:00:00"	11.23	128.3	13.2	17.7	8.96	127.7	14.47	14.72	89	90.8	-1.722	32.44	29.83	26.339	141.21	0
"2013-08-16	21:00:00"	9.8	115.7	7.601	15.31	7.519	115.9	10.28	12.93	86.7	87.5	-0.841	34.26	32.16	26.358	15.146	0
"2013-08-16	22:00:00"	7.87	116.1	6.811	12.33	6.483	115.9	9.3	9.95	83.4	83.3	0.17	38.09	36.87	26.377	0	0
"2013-08-16	23:00:00"	6.764	114.4	7.244	13.52	7.211	113.5	9.51	11.14	80.8	80.7	0.082	40.86	39.44	26.395	0	0
"2013-08-17	00:00:00"	9.85	107.3	10.71	15.31	7.453	106	12.29	12.33	78.42	78.47	-0.054	43.99	42.33	26.419	0	0
"2013-08-17	01:00:00"	10.93	98.8	7.769	16.51	8.6	97.9	9.07	13.52	77.36	77.5	-0.139	46.95	45.15	26.435	0	0
"2013-08-17	02:00:00"	11.49	33.93	33.16	21.28	8.73	31.52	36.28	18.3	76.64	76.55	0.095	53.14	52.9	26.453	0	0
"2013-08-17	03:00:00"	10.62	129.8	45.78	24.26	8.03	129.7	46.64	20.68	75.36	75.12	0.243	56.44	56.49	26.399	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-08-17	04:00:00"	8.25	117.9	15.82	14.72	5.921	115.7	16.51	11.14	73.31	72.94	0.366	58.94	58.64	26.418	0	0
"2013-08-17	05:00:00"	7.253	130.1	7.841	9.95	4.927	127.9	9.52	7.561	70.66	70.35	0.309	64.08	63.79	26.412	0	0
"2013-08-17	06:00:00"	5.675	93.4	21.04	8.75	3.685	79.77	29.46	6.368	68.37	67.81	0.564	67.37	67.65	26.413	0	0
"2013-08-17	07:00:00"	6.893	74.54	6.708	9.95	4.494	68.14	9.75	6.368	66.07	65.67	0.397	70.58	70.55	26.418	0.00067	0
"2013-08-17	08:00:00"	6.886	77.46	6.45	9.35	4.494	71	9.62	6.368	65.07	64.78	0.292	73.5	73.19	26.434	24.134	0
"2013-08-17	09:00:00"	9.3	109.2	15.93	17.1	7.41	108	17.88	12.93	68.15	68.55	-0.396	69.86	68.04	26.443	172.98	0
"2013-08-17	10:00:00"	12.62	137.2	11.45	18.3	10.1	136.8	12.64	15.31	72.67	73.85	-1.18	59.11	56.02	26.444	375.17	0
"2013-08-17	11:00:00"	13.42	156	13.43	19.49	11.05	153.4	14.17	17.7	76.71	78.54	-1.828	49.68	45.71	26.438	572.89	0
"2013-08-17	12:00:00"	12.84	161.3	14.59	20.68	10.61	158.9	15.78	16.51	80.1	82.7	-2.609	45.29	40.42	26.436	738.83	0
"2013-08-17	13:00:00"	11.34	150.2	20.08	22.47	9.42	148.7	21.5	21.87	83.6	86.6	-3.024	40.74	36.3	26.421	853.81	0
"2013-08-17	14:00:00"	9.84	165.4	23.26	17.1	8.15	165.3	28.22	15.31	86.2	89.3	-3.035	37.33	33.3	26.398	909.7	0
"2013-08-17	15:00:00"	9.93	163.7	26.56	18.89	8.21	162.3	28.57	16.51	88.5	94.6	-6.11	34.84	29.23	26.372	887.06	0
"2013-08-17	16:00:00"	10.81	153.3	28.6	20.09	8.93	153.7	32.14	17.7	90.1	94	-3.912	32.89	28.58	26.345	839.36	0
"2013-08-17	17:00:00"	9.87	131.1	21.67	17.1	8.15	129.9	23.22	16.51	91.2	96	-4.82	30.43	25.85	26.325	694.34	0
"2013-08-17	18:00:00"	9.4	132.8	26.63	17.1	7.733	132.8	26.8	14.72	92.4	98.8	-6.403	28.26	22.98	26.306	482.61	0
"2013-08-17	19:00:00"	9.02	170.3	29.25	17.1	7.441	167.3	29.66	14.72	92.4	95.4	-2.971	27.55	24.22	26.294	343.32	0
"2013-08-17	20:00:00"	8.62	173.1	15.99	15.31	6.926	171.2	18.82	12.93	92.1	93.3	-1.199	27.27	25.07	26.295	113.33	0
"2013-08-17	21:00:00"	7.579	153.9	13.6	12.33	5.863	150.6	13.72	9.95	89.6	90.5	-0.953	29.39	27.49	26.309	7.449	0
"2013-08-17	22:00:00"	8.13	128.2	9.32	10.54	5.113	123.5	10.49	8.16	85.8	85.9	-0.11	32.59	31.55	26.323	0	0
"2013-08-17	23:00:00"	8.34	127.7	8.59	11.74	5.465	125.1	9.64	8.16	83.1	84.4	-1.24	34.97	33.12	26.345	0	0
"2013-08-18	00:00:00"	8.76	96.6	12.04	11.74	6.002	93.2	13.97	8.75	78.94	82.6	-3.617	39.8	35.46	26.355	0	0
"2013-08-18	01:00:00"	12.18	119.3	12.71	18.89	9.01	118.7	14.67	15.91	77.96	78.82	-0.859	40.07	37.98	26.367	0	0
"2013-08-18	02:00:00"	12.12	131.4	7.8	18.3	9.27	130.6	8.95	15.91	77.53	77.62	-0.087	39.66	38.18	26.377	0	0
"2013-08-18	03:00:00"	9.62	132.5	6.899	13.52	7.205	131.5	8.18	11.14	75.73	76.14	-0.407	43.24	41.35	26.376	0	0
"2013-08-18	04:00:00"	9.37	133	7.491	12.93	6.917	131.4	8.7	11.14	74.17	74.34	-0.174	45.61	43.98	26.374	0	0
"2013-08-18	05:00:00"	6.94	130.7	8.91	11.74	4.898	124.6	12.37	9.35	72.85	72.75	0.099	48.06	46.8	26.373	0	0
"2013-08-18	06:00:00"	6.45	92.1	12.8	8.16	3.865	80.6	15.76	5.175	69.92	69.42	0.503	52.88	52.35	26.368	0	0
"2013-08-18	07:00:00"	6.085	94.5	6.251	8.16	3.117	80.4	14.85	5.175	67.24	66.46	0.784	57.69	57.68	26.369	0	0
"2013-08-18	08:00:00"	7.112	79.38	6.452	8.75	4.586	67.82	9.6	6.368	66.37	66.13	0.239	59.34	58.98	26.383	17.383	0
"2013-08-18	09:00:00"	8.52	105.1	17.47	13.52	6.682	103	19.33	11.74	68.66	69.52	-0.863	55.88	53.88	26.393	157.45	0
"2013-08-18	10:00:00"	10.96	158.4	17.71	17.7	8.93	156.6	17.97	15.31	73.66	75.64	-1.975	45.92	42.32	26.394	350.03	0
"2013-08-18	11:00:00"	10.73	178.8	13.13	15.31	8.74	176.6	15.72	14.12	78.18	80.6	-2.466	40.58	36.86	26.396	553.24	0
"2013-08-18	12:00:00"	9.21	192.2	17.18	15.31	7.664	190.1	21.18	12.93	83.3	86.5	-3.206	36.4	32.38	26.396	728.95	0
"2013-08-18	13:00:00"	7.548	230.4	24.44	17.1	6.317	232.1	29.1	15.31	86.7	89.2	-2.47	33.62	30.15	26.386	859.23	0
"2013-08-18	14:00:00"	5.879	221.9	40.71	14.12	5.097	220.8	47.21	12.33	89.4	92.2	-2.802	31.2	27.68	26.37	913.39	0
"2013-08-18	15:00:00"	5.729	129.5	49.65	13.52	4.991	130.4	51.43	12.93	91.9	94.2	-2.297	26.83	23.78	26.349	890.18	0
"2013-08-18	16:00:00"	6.292	165.7	56.1	12.93	5.509	164.5	60.19	11.14	93.7	95.7	-2.009	24.33	21.47	26.325	812.72	0
"2013-08-18	17:00:00"	6.011	189.8	41.57	15.31	4.977	191.5	45.73	12.93	94.1	95.2	-1.125	23.99	21.61	26.305	295.68	0
"2013-08-18	18:00:00"	4.786	148.8	66.39	13.52	3.861	146.6	71.22	12.33	94	94.8	-0.74	23.9	21.78	26.295	171.84	0
"2013-08-18	19:00:00"	5.884	123	41.72	19.49	4.711	121.3	43.05	15.91	94.4	94.9	-0.512	22.85	20.93	26.289	166.22	0
"2013-08-18	20:00:00"	12.25	125.7	31.27	20.68	9.85	124.1	30.84	17.1	93.7	94.6	-0.853	24.69	22.5	26.287	150.51	0
"2013-08-18	21:00:00"	11.52	175.5	7.751	23.07	9.08	172.6	9.96	19.49	88.5	88.8	-0.324	29.46	27.74	26.302	7.4912	0
"2013-08-18	22:00:00"	15.16	185	9.58	23.66	11.84	184.1	13.5	18.89	82.2	83.2	-0.965	38.83	36.51	26.336	0	0
"2013-08-18	23:00:00"	10.22	186.6	8.72	16.51	8.01	186.5	12.74	12.93	78.61	78.79	-0.173	46.63	44.76	26.359	0	0
"2013-08-19	00:00:00"	7.209	189.4	10.18	12.93	5.516	192.1	14.76	11.14	77.14	77.1	0.042	47.4	45.85	26.362	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-19	01:00:00"	6.96	180.1	12.73	12.33	5.347	179.7	15.69	9.95	74.85	74.8	0.043	52.46	51.02	26.364	0
"2013-08-19	02:00:00"	5.612	201	14.28	8.75	4.103	202.8	14.78	7.561	73.11	72.94	0.171	57.03	55.83	26.366	0
"2013-08-19	03:00:00"	4.16	220	22.02	8.16	2.818	228.7	34.47	6.964	72.58	72.12	0.46	57.24	56.53	26.367	0
"2013-08-19	04:00:00"	5.026	179.4	21.97	9.95	3.365	173.5	28.45	8.16	72.54	71.85	0.694	57.31	57.19	26.357	0
"2013-08-19	05:00:00"	7.417	162.2	12.89	11.14	5.637	158.8	14.83	9.35	71.75	71.4	0.352	58.32	57.65	26.344	0
"2013-08-19	06:00:00"	5.087	202.9	21.83	11.14	3.723	202	23.15	8.16	70.45	70.18	0.264	60.01	59.18	26.337	0
"2013-08-19	07:00:00"	4.411	110	20.85	7.561	3.27	80.3	24.29	5.771	68.67	66.48	2.187	63.24	65.16	26.342	0
"2013-08-19	08:00:00"	4.004	116.2	35.18	7.561	2.223	65.52	47.13	5.771	68.84	65.85	2.991	62.09	65.82	26.354	17.364
"2013-08-19	09:00:00"	5.22	167.5	22.41	13.52	3.777	157.1	36.18	8.75	70.69	70.49	0.206	59.3	58.64	26.36	157.42
"2013-08-19	10:00:00"	9.06	188.1	13.64	12.93	7.433	185.6	16.85	11.14	75.21	76.09	-0.875	51.2	48.59	26.367	333.22
"2013-08-19	11:00:00"	10.04	187.6	12.82	15.31	8.24	185.2	15.7	13.52	80.5	81.9	-1.411	42.47	39.39	26.368	492.3
"2013-08-19	12:00:00"	11.28	182.9	11.96	17.1	9.2	180.7	16	14.12	84.3	86.3	-1.995	36.72	33.59	26.371	741.13
"2013-08-19	13:00:00"	9.64	198.3	17.55	17.7	8.05	197.1	20.62	15.31	88.5	90.9	-2.445	31.41	28.07	26.364	855.69
"2013-08-19	14:00:00"	10.88	184.4	19.91	19.49	9.08	183.4	23.56	17.7	91.1	94	-2.933	27.22	23.77	26.348	914.53
"2013-08-19	15:00:00"	10.98	182.6	20.01	21.28	9	182.1	23.19	18.3	92.9	96.5	-3.575	24.33	20.73	26.33	893.24
"2013-08-19	16:00:00"	10.65	194.7	24.27	23.66	8.82	193.9	27.71	21.87	93.8	97.6	-3.829	22.63	19.05	26.314	852.84
"2013-08-19	17:00:00"	11.05	189.4	26.12	20.68	9.18	189	29.36	17.1	94.6	98.6	-4.023	21.54	18.01	26.291	753.92
"2013-08-19	18:00:00"	11.52	180.1	25.52	20.09	9.38	179.9	28.47	17.7	94.3	100.2	-5.807	21.54	17.29	26.277	523.12
"2013-08-19	19:00:00"	11.05	181.3	20.25	21.28	8.91	180.6	24.6	18.89	94	96.9	-2.859	21.52	18.51	26.272	317.7
"2013-08-19	20:00:00"	10.71	180.6	12.96	19.49	8.58	178.9	15.55	15.91	93.4	94.6	-1.176	21.52	19.29	26.269	136.45
"2013-08-19	21:00:00"	9.7	180.3	10.51	15.31	7.49	178.5	13.59	12.93	90.9	91.4	-0.54	23.05	21.25	26.276	7.379
"2013-08-19	22:00:00"	9.48	167.9	7.997	13.52	7.388	164.8	9.55	11.74	86.9	87.1	-0.171	25.72	24.14	26.288	0
"2013-08-19	23:00:00"	10.22	171.7	6.616	14.12	7.886	168	8.44	11.74	84.1	84.2	-0.041	28.11	26.7	26.306	0
"2013-08-20	00:00:00"	8.88	179.8	11.51	12.93	6.614	178.4	16	10.54	81.5	81.6	-0.109	30.91	29.44	26.323	0
"2013-08-20	01:00:00"	9.65	179.9	9.02	14.72	7.132	178.1	13.51	12.33	79.09	79.47	-0.381	34.63	33.12	26.328	0
"2013-08-20	02:00:00"	7.563	191.1	8.27	12.33	5.538	194.3	12.34	9.95	76.39	76.61	-0.218	39.54	37.86	26.335	0
"2013-08-20	03:00:00"	7.082	192.8	10.88	11.74	5.085	195.7	13.38	8.75	75.01	75.2	-0.189	44.26	42.46	26.328	0
"2013-08-20	04:00:00"	6.688	194.7	11.12	10.54	4.767	197.8	13.29	7.561	73.7	73.44	0.255	47.98	46.64	26.325	0
"2013-08-20	05:00:00"	5.432	175.5	12.77	8.75	3.997	172.6	13.47	6.368	72.4	72.19	0.213	51.45	50.22	26.325	0
"2013-08-20	06:00:00"	6.508	167.8	11.81	11.14	4.958	167.9	14.04	8.75	72.51	72.24	0.27	52.07	51.05	26.32	0
"2013-08-20	07:00:00"	5.857	176.6	13.1	9.35	4.26	176.1	16.86	8.16	71.98	71.96	0.028	52.8	51.76	26.324	0
"2013-08-20	08:00:00"	4.015	144.3	12.56	6.368	2.317	113.9	23.4	5.175	70.13	69.37	0.759	55.74	55.58	26.335	14.397
"2013-08-20	09:00:00"	7.424	153.9	9.62	14.72	5.919	150.5	10.21	12.33	72.04	72.19	-0.158	53.19	51.78	26.343	156.75
"2013-08-20	10:00:00"	10.86	177.8	10.36	15.31	8.79	175.5	12.48	12.93	76.56	77.7	-1.14	45.51	42.55	26.355	360.44
"2013-08-20	11:00:00"	11.05	183.4	10.33	15.91	8.97	180.4	13.82	13.52	81.6	83.6	-1.985	36.83	33.72	26.354	563.48
"2013-08-20	12:00:00"	10.98	192.4	15.9	20.09	8.89	190.5	18.06	17.1	85.1	87.9	-2.804	31.31	27.77	26.355	734.85
"2013-08-20	13:00:00"	12.78	196.1	17.46	23.66	10.52	195.5	20.56	20.09	87.5	90.5	-2.996	26.56	23.15	26.349	772.34
"2013-08-20	14:00:00"	15.14	195	17.69	26.05	12.17	193.3	21.49	22.47	89.6	93.2	-3.641	23.68	20.03	26.334	943.14
"2013-08-20	15:00:00"	13.11	194.1	17.81	25.45	10.71	193.8	22.19	21.28	91.2	94.9	-3.69	23.46	19.79	26.321	907.67
"2013-08-20	16:00:00"	14.45	178.4	21.14	26.65	11.81	177	23.34	21.28	92.1	95.5	-3.37	24.66	21.04	26.307	818.12
"2013-08-20	17:00:00"	12.38	189.3	22.93	24.26	10.1	187.3	26.07	20.68	92.2	95.5	-3.269	25.24	21.66	26.297	708.14
"2013-08-20	18:00:00"	14.02	171.2	17.33	23.66	11.43	168.8	21.72	20.68	91.9	94.3	-2.354	26.34	23.19	26.289	456.2
"2013-08-20	19:00:00"	14.54	155.1	16.52	24.26	11.69	153.3	16.8	18.3	91.5	93.3	-1.851	27.06	24.22	26.287	285.02
"2013-08-20	20:00:00"	14.82	157.4	11.35	22.47	12.13	154.6	11.89	18.89	90.1	90.9	-0.853	29.19	26.96	26.288	124.72
"2013-08-20	21:00:00"	12.69	156.6	11.03	20.09	10.3	153.3	11.2	17.7	87.5	87.9	-0.372	32.32	30.43	26.301	5.1035

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-20	22:00:00"	11.46	150.9	8.37	17.1	9.23	149.1	8.85	14.72	84.6	84.8	-0.176	35.61	33.95	26.324	0
"2013-08-20	23:00:00"	9.78	149.1	7.939	13.52	7.715	147.3	8.48	11.74	82.3	82.3	-0.076	38.42	36.88	26.344	0
"2013-08-21	00:00:00"	9.43	156.2	9.19	14.72	7.684	153.2	9.16	11.74	80.6	80.6	0.001	40.62	39.05	26.353	0
"2013-08-21	01:00:00"	8.22	154.5	11.06	11.74	6.474	151.7	11.06	9.95	78.76	81	-2.278	42.92	39.44	26.357	0
"2013-08-21	02:00:00"	8.71	143.1	16.43	13.52	6.51	141.5	16.44	11.14	76.91	77.51	-0.606	44.99	42.78	26.361	0
"2013-08-21	03:00:00"	10.79	141.9	6.911	15.31	8.37	140	7.793	12.33	75.3	75.34	-0.04	44.73	43.13	26.362	0
"2013-08-21	04:00:00"	8.99	145	7.171	12.33	6.836	143.5	7.801	9.95	73.49	74.12	-0.63	46.37	44.38	26.36	0
"2013-08-21	05:00:00"	8.72	149	8.62	12.33	6.762	146.7	8.5	10.54	72.06	71.91	0.148	48.01	46.68	26.358	0
"2013-08-21	06:00:00"	9.61	157	8.57	14.12	7.63	153.6	8.76	11.74	71.82	71.73	0.091	47.8	46.43	26.359	0
"2013-08-21	07:00:00"	10.64	159.1	9.56	15.91	8.57	156.4	10.3	13.52	70.75	70.69	0.057	49.05	47.64	26.371	0
"2013-08-21	08:00:00"	7.582	173	10.97	12.33	5.98	171	12.25	10.54	68.66	68.78	-0.118	52.81	51.19	26.394	21.25
"2013-08-21	09:00:00"	7.653	181.5	10.31	18.3	6.229	179.6	12.7	16.51	69	69.72	-0.722	57.85	55.3	26.409	167.03
"2013-08-21	10:00:00"	13.33	179.2	8.55	18.89	10.63	176.7	12.01	15.91	73.03	76.13	-3.104	60.45	54.83	26.414	367.11
"2013-08-21	11:00:00"	12.55	181	12.06	18.3	10.06	178.6	14.89	15.31	77.77	79.97	-2.199	48.39	43.92	26.417	566.62
"2013-08-21	12:00:00"	12.68	193	16.21	21.87	10.27	191.1	18.97	18.3	81.7	83.9	-2.251	36.48	32.99	26.421	741.46
"2013-08-21	13:00:00"	12.51	174	18.92	24.86	10.22	171.8	21.5	22.47	83.8	86.5	-2.727	33.66	29.95	26.416	865.02
"2013-08-21	14:00:00"	9.74	156.3	33.74	21.28	8.06	154.1	37.42	17.7	85.4	88	-2.648	32.2	28.61	26.407	926.15
"2013-08-21	15:00:00"	9.13	148.3	32.71	20.68	7.615	148.1	38.28	18.3	86.6	90.4	-3.813	30.33	26.34	26.393	869.88
"2013-08-21	16:00:00"	10.97	125.4	31.21	20.09	9.1	124.4	32.69	18.89	88.2	91.2	-3.039	26.72	23.17	26.371	834.42
"2013-08-21	17:00:00"	10.68	120.3	26.62	20.68	8.89	120.8	29.55	17.1	88.7	91.9	-3.175	26.14	22.55	26.353	695.86
"2013-08-21	18:00:00"	11.13	132.2	25.87	19.49	9.2	132.2	26.36	16.51	89.1	92	-2.938	24.41	21.06	26.339	488.45
"2013-08-21	19:00:00"	9.99	124.9	21.28	17.1	8.2	124.5	23.17	14.12	89	91.3	-2.359	24.78	21.74	26.331	297.37
"2013-08-21	20:00:00"	10.23	130.7	15.69	15.31	8.17	130.4	16.97	13.52	88	89.2	-1.288	25.63	23.18	26.328	116.14
"2013-08-21	21:00:00"	8.81	124.5	7.189	12.93	6.36	124.6	8.89	10.54	85.5	85.7	-0.16	28.03	26.28	26.339	7.0205
"2013-08-21	22:00:00"	5.363	119.4	8.28	15.31	6.42	117.8	10.71	13.52	82.4	81.9	0.464	30.25	29.02	26.359	0
"2013-08-21	23:00:00"	11.43	147.7	8.34	19.49	9.03	145.3	8.54	14.72	80.5	80.5	0.044	34.76	33.24	26.385	0
"2013-08-22	00:00:00"	8.61	141.9	9.61	11.74	6.293	137.9	11	9.35	78.41	78.05	0.358	37.57	36.43	26.399	0
"2013-08-22	01:00:00"	6.079	147.2	10.3	12.93	6.157	143.9	11.01	11.14	77.19	76.66	0.531	36.8	35.95	26.407	0
"2013-08-22	02:00:00"	5.056	140.8	8.51	11.14	5.307	136.8	11.1	8.75	75.82	75.06	0.759	38.52	37.84	26.405	0
"2013-08-22	03:00:00"	8.14	119.5	20.42	13.52	5.333	115	22.12	9.95	73.7	72.91	0.795	41.42	40.72	26.402	0
"2013-08-22	04:00:00"	6.366	131	19.82	9.95	4.016	123.5	21.65	8.16	71.33	70.9	0.429	46.09	45.52	26.4	0
"2013-08-22	05:00:00"	5.539	173.2	16.61	9.35	3.93	170.5	21.6	7.561	70.89	70.94	-0.057	50.3	48.6	26.394	0
"2013-08-22	06:00:00"	6.344	173.4	8.55	9.95	4.677	173.1	10.63	7.561	69.62	69.39	0.231	59.42	57.82	26.395	0
"2013-08-22	07:00:00"	4.676	167.2	11.63	7.561	3.199	165.3	14.05	6.368	69.39	69	0.393	65.74	64.46	26.402	0
"2013-08-22	08:00:00"	5.462	141.6	7.819	8.75	3.724	135.4	8.21	6.368	68.04	67.61	0.428	70.97	69.79	26.416	23.208
"2013-08-22	09:00:00"	5.817	165.7	17.04	11.14	4.738	162.5	18.02	9.95	69.85	70.29	-0.438	71.59	69.51	26.429	182
"2013-08-22	10:00:00"	8.24	165.2	11.71	11.14	6.885	162.6	13.49	9.95	73.33	74.37	-1.041	65.72	62.57	26.434	386.27
"2013-08-22	11:00:00"	7.262	164.2	13.72	11.14	6.039	162	16.41	9.95	77.67	78.94	-1.269	56.38	52.97	26.438	585.3
"2013-08-22	12:00:00"	9.51	130.1	16.93	18.3	7.911	130.2	19.05	17.7	81.1	82.6	-1.528	47.3	43.61	26.435	705.37
"2013-08-22	13:00:00"	12.28	134.7	23.21	28.43	10.12	133.8	24.11	23.07	83.6	85.5	-1.846	40.95	37.4	26.423	681.22
"2013-08-22	14:00:00"	14.2	141.1	18.5	24.26	11.6	140.3	19.28	21.28	85.1	87.6	-2.57	38.22	34.38	26.404	783.71
"2013-08-22	15:00:00"	14.24	146.3	22.36	25.45	11.71	145.4	23.85	21.28	86.5	91	-4.486	35.4	30.39	26.383	868.55
"2013-08-22	16:00:00"	12.81	167.9	21.8	24.86	10.48	166.9	23.84	21.28	87.7	91.2	-3.513	33.44	29.09	26.357	942.57
"2013-08-22	17:00:00"	12.66	152	22.35	22.47	10.45	150	22.88	19.49	88.7	92.9	-4.254	32.18	27.54	26.336	710.93
"2013-08-22	18:00:00"	11.25	149.6	17.95	21.87	9.17	148.6	19.02	19.49	87.9	90.2	-2.31	32.86	29.47	26.324	306.43

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-22	19:00:00"	10.84	165.7	16.47	21.28	8.87	163.3	17.74	17.1	88	89.7	-1.756	32.56	29.64	26.31	160.61	0	
"2013-08-22	20:00:00"	10.05	156.5	12.81	16.51	8.23	154.4	13.62	13.52	87.5	88.2	-0.687	33.44	31.34	26.307	74.182	0	
"2013-08-22	21:00:00"	9.9	164.5	10.08	18.3	8.02	162.1	11.01	16.51	85.6	87.1	-1.473	35.54	33.16	26.322	7.9925	0	
"2013-08-22	22:00:00"	6.211	193	15.58	11.74	4.716	191	18.55	9.95	82.2	82.5	-0.255	39.93	38.19	26.339	0	0	
"2013-08-22	23:00:00"	7.78	164.8	9.06	12.33	6.148	162.5	9.98	11.14	81.8	82.1	-0.216	38.86	37.46	26.36	0	0	
"2013-08-23	00:00:00"	8.6	166.3	9.15	12.93	6.897	163.6	10.09	10.54	81.4	82	-0.616	38.63	36.88	26.371	0	0	
"2013-08-23	01:00:00"	11.06	164.4	9.56	17.1	8.88	161	10.4	14.72	80.1	80.3	-0.222	40.77	38.96	26.377	0	0	
"2013-08-23	02:00:00"	13.71	176.5	6.214	17.7	10.65	173.6	8.99	15.31	77.84	79.03	-1.186	44.17	41.55	26.375	0	0	
"2013-08-23	03:00:00"	11.83	178.2	6.319	16.51	9.21	175	9.79	14.12	75.8	76.11	-0.305	47.95	46.05	26.371	0	0	
"2013-08-23	04:00:00"	7.338	179.5	8.58	12.33	5.612	175.8	10.58	9.95	73.96	74.49	-0.527	51.72	49.76	26.368	0	0	
"2013-08-23	05:00:00"	6.513	171.7	8.88	9.35	4.943	169.3	9.75	7.561	73.27	73.05	0.222	54.61	53.37	26.369	0	0	
"2013-08-23	06:00:00"	5.158	106	40.6	8.16	3.38	82.1	46.62	6.368	72.22	71.51	0.714	58.07	57.57	26.37	0	0	
"2013-08-23	07:00:00"	5.716	65.8	8.96	8.16	3.544	48.04	21.06	5.771	70.64	68.34	2.307	60.51	61.32	26.376	0	0	
"2013-08-23	08:00:00"	7.283	81.9	11.39	9.35	4.586	76.12	10.97	6.368	68.15	67.76	0.39	65.13	63.89	26.384	15.244	0	
"2013-08-23	09:00:00"	10.29	131.5	16.45	18.3	8.08	129.9	17.65	14.72	72.47	72.75	-0.277	62.44	60.63	26.389	174.21	0	
"2013-08-23	10:00:00"	14.41	164.8	11.67	21.28	11.61	162.5	12.69	17.7	76.97	78.37	-1.401	56.77	53.18	26.392	377.59	0	
"2013-08-23	11:00:00"	15.18	170.3	10.8	24.26	12.32	167.3	12.75	20.68	79.93	82.3	-2.334	50.35	45.53	26.396	576.82	0	
"2013-08-23	12:00:00"	13.6	169.5	14.94	21.28	11.22	166.6	17.1	19.49	82.4	85.1	-2.682	44.44	39.46	26.4	745.92	0	
"2013-08-23	13:00:00"	12.86	168.3	17.41	21.28	10.57	166.2	20.14	18.3	84.4	87	-2.548	38.77	34.86	26.391	847.27	0	
"2013-08-23	14:00:00"	12.48	155.5	22.5	22.47	10.32	153.3	23.08	19.49	86.2	88.8	-2.665	35.36	31.55	26.371	769.84	0	
"2013-08-23	15:00:00"	13.96	158.3	22.62	26.05	11.45	156.3	24.3	21.28	87.6	90.6	-2.982	33.65	29.69	26.351	820.56	0	
"2013-08-23	16:00:00"	14.68	163.6	17.6	24.86	12.07	161.9	20.3	21.87	87.9	90.8	-2.914	33.37	29.48	26.329	623.71	0	
"2013-08-23	17:00:00"	13.4	165.2	16.14	23.07	10.88	163.5	18.06	18.89	88.3	90.2	-1.91	31.02	28	26.308	256.7	0	
"2013-08-23	18:00:00"	16.15	175.7	12.63	23.66	12.72	174.2	15.41	19.49	88	89.6	-1.547	31.84	29.1	26.297	202.74	0	
"2013-08-23	19:00:00"	16.52	205.9	16.51	26.65	13.42	204.9	18.41	23.07	85.9	87.3	-1.374	37.7	34.96	26.298	137.52	0	
"2013-08-23	20:00:00"	13.14	208.2	12.59	21.87	10.71	205.9	14.59	18.89	83.7	84.1	-0.427	42.3	39.95	26.307	65.772	0	
"2013-08-23	21:00:00"	12.79	138.5	79.02	26.65	10.23	137.1	77.12	23.07	79.64	80.2	-0.567	50.07	47.48	26.337	11.135	0	
"2013-08-23	22:00:00"	15.09	41.09	13.15	27.84	12.07	41.91	15.13	22.47	72.22	72.5	-0.28	64.49	62.23	26.369	0	0	
"2013-08-23	23:00:00"	5.754	48.97	26.86	9.95	4.363	48.02	28.87	8.75	72.87	72.96	-0.083	62.4	60.65	26.37	0	0	
"2013-08-24	00:00:00"	6.033	104.6	14.74	9.35	3.664	99.5	18.66	6.368	72.87	72.46	0.404	62.62	61.81	26.365	0	0	
"2013-08-24	01:00:00"	7.936	142	14.35	11.74	5.908	140.2	14.7	8.75	73.83	73.58	0.243	57.93	56.94	26.367	0	0	
"2013-08-24	02:00:00"	6.361	125.8	23.07	9.95	4.22	121.2	25.93	8.16	72.41	71.98	0.433	59.74	59.03	26.374	0	0	
"2013-08-24	03:00:00"	6.926	138.3	12.21	10.54	4.788	133.9	17.01	7.561	72.83	72.37	0.462	58.68	58.01	26.376	0	0	
"2013-08-24	04:00:00"	4.204	65.64	21.12	6.964	2.804	34.93	26.2	5.175	69.68	68.83	0.849	65.37	65.07	26.385	0	0	
"2013-08-24	05:00:00"	5.934	84.3	18.76	9.35	4.086	76.55	19.44	6.368	70.14	70.01	0.126	65.55	64.4	26.388	0	0	
"2013-08-24	06:00:00"	4.347	79.73	16.78	6.368	2.65	63.17	19.44	4.578	70.49	69.74	0.743	66.54	66.26	26.391	0	0	
"2013-08-24	07:00:00"	6.934	104.2	9.21	8.75	3.575	94.6	11.97	5.175	69.14	67.92	1.22	72.19	73.59	26.403	0	0	
"2013-08-24	08:00:00"	5.928	117.9	7.029	8.16	3.601	109.5	10.29	6.368	68.55	67.83	0.726	69.79	70.13	26.411	27.148	0	
"2013-08-24	09:00:00"	8.45	150.9	13.21	15.91	6.834	149.3	13.69	15.31	72.65	72.95	-0.299	63.21	61.48	26.422	179.28	0	
"2013-08-24	10:00:00"	13.64	172.5	10.84	20.09	10.87	169.8	13.43	18.3	76.51	77.52	-1.01	57.31	54.31	26.43	365.71	0	
"2013-08-24	11:00:00"	14.56	176	13.08	20.68	11.77	174.3	15.93	19.49	79.3	81	-1.666	51.14	47.16	26.435	574.1	0	
"2013-08-24	12:00:00"	14.33	159	14.4	24.26	11.96	156.9	15.32	22.47	82.1	84	-1.962	44.52	40.32	26.435	731.39	0	
"2013-08-24	13:00:00"	13.68	161.5	19.08	22.47	11.26	159.7	20.34	20.09	83.9	86.4	-2.434	40.75	36.7	26.421	868.72	0	
"2013-08-24	14:00:00"	14.01	162.4	17.13	24.26	11.48	160.8	18.77	22.47	85.5	88	-2.525	38.56	34.72	26.403	758.74	0	
"2013-08-24	15:00:00"	14.83	150.1	17.8	26.65	12.15	148.2	17.49	20.09	86.5	89.6	-3.131	37.18	32.94	26.39	692.63	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-08-24	16:00:00"	14.01	137.9	15.41	25.45	11.27	136.9	16.77	20.09	86.8	90.7	-3.846	35.99	31.33	26.375	413.12	0
"2013-08-24	17:00:00"	13.01	148.2	19.42	24.86	10.63	147.7	20.01	20.68	88.2	90.3	-2.11	32.86	29.66	26.352	517.77	0
"2013-08-24	18:00:00"	15.45	174.7	40.02	35.59	12.45	174.1	41.57	29.03	84.5	88.3	-3.83	40.42	36.27	26.352	103.37	0.03
"2013-08-24	19:00:00"	13.72	178	21.67	22.47	10.77	177.4	24.25	19.49	82.6	82.3	0.304	44.71	45.17	26.354	113.26	0
"2013-08-24	20:00:00"	11.53	152.1	9.3	17.7	9.33	150.2	9.52	14.72	84.7	85.3	-0.599	37.97	37.04	26.348	56.463	0
"2013-08-24	21:00:00"	7.9	127.8	10.47	11.74	5.364	125	13.33	10.54	83.8	82.8	1.023	38.9	39.32	26.357	4.7189	0
"2013-08-24	22:00:00"	6.854	116.2	5.475	8.75	3.509	103.8	12.96	5.175	81.6	79.37	2.18	40.97	42.97	26.375	0	0
"2013-08-24	23:00:00"	7.601	117.3	12.2	12.93	4.571	109.8	16.94	9.95	79.6	77.67	1.929	43.16	44.7	26.402	0	0
"2013-08-25	00:00:00"	9.91	124.6	14.95	14.72	6.969	122.9	16.91	12.93	78.79	77.81	0.981	44.62	44.65	26.421	0	0
"2013-08-25	01:00:00"	11.25	139.5	5.97	15.31	8.65	138.6	7.077	12.33	79.18	78.77	0.413	45.42	44.58	26.428	0	0
"2013-08-25	02:00:00"	8.85	138.1	6.767	13.52	6.341	135.7	8.15	11.14	76.67	76.15	0.521	51.04	50.46	26.431	0	0
"2013-08-25	03:00:00"	8.1	143.7	7.105	11.14	5.953	141.5	7.547	8.16	75.22	74.86	0.362	54.98	54.3	26.429	0	0
"2013-08-25	04:00:00"	6.065	120.2	7.043	8.75	3.269	106.1	14.89	5.771	72.52	71.46	1.065	59.05	59.23	26.429	0	0
"2013-08-25	05:00:00"	6.347	114.2	7.006	8.16	3.209	90.7	10.83	5.175	71.68	69.64	2.04	60.4	61.87	26.427	0	0
"2013-08-25	06:00:00"	7.033	109.1	7.057	9.35	4.003	98.9	10.99	6.964	71.2	70.1	1.095	61.86	62.33	26.435	0	0
"2013-08-25	07:00:00"	6.393	96.6	10.96	8.16	3.643	75.82	11.24	5.175	69.7	68.34	1.364	64.59	65.35	26.447	0	0
"2013-08-25	08:00:00"	7.252	83.4	7.543	10.54	4.696	71.58	11.58	6.964	68.5	67.71	0.79	67.82	67.8	26.466	19.023	0
"2013-08-25	09:00:00"	8.86	121.8	18.68	15.91	6.786	119.3	21.94	13.52	72.18	72.34	-0.163	63.06	61.74	26.48	162.91	0
"2013-08-25	10:00:00"	10.49	160	15.74	15.31	8.5	157.7	16.92	13.52	76.29	77.8	-1.503	56.78	53.42	26.485	362.76	0
"2013-08-25	11:00:00"	9.13	188.6	16.83	14.72	7.511	187.9	20.11	13.52	79.99	82.1	-2.159	50.86	46.48	26.493	564.29	0
"2013-08-25	12:00:00"	8.1	171.5	25.04	15.91	6.79	169.1	27.76	14.12	82.5	85.1	-2.649	45.87	41.07	26.493	716.4	0
"2013-08-25	13:00:00"	8.51	148	34.22	17.7	7.074	146.5	39.14	15.91	84.4	88	-3.618	41.66	36.78	26.479	705.97	0
"2013-08-25	14:00:00"	9.91	157.2	30.32	17.1	8.26	156	32.08	15.91	86.5	89.4	-2.873	37.39	33.55	26.46	775.51	0
"2013-08-25	15:00:00"	11.57	139.9	23.62	23.66	9.59	139.2	23.69	20.68	88.2	92.6	-4.394	34.43	29.64	26.445	866.38	0
"2013-08-25	16:00:00"	12.66	146.9	17.99	23.07	10.42	146.2	18.72	18.89	88.9	92	-3.141	33.37	29.37	26.43	588.22	0
"2013-08-25	17:00:00"	11.84	121.4	17.57	21.87	9.47	122.5	18.91	18.3	88	91	-2.917	34.7	30.97	26.419	252.93	0
"2013-08-25	18:00:00"	11.66	114.1	22.33	23.07	9.32	114.1	23.62	18.89	89.3	91.3	-2.041	32.63	29.5	26.404	476.61	0
"2013-08-25	19:00:00"	16.21	118.1	14.81	28.43	12.76	119.1	16.12	23.07	89	91.4	-2.414	33.56	30.24	26.399	225.97	0
"2013-08-25	20:00:00"	15.09	120.5	10.05	21.87	11.61	121.2	12.12	18.3	88.1	89.7	-1.626	32.98	30.22	26.393	121.56	0
"2013-08-25	21:00:00"	12.13	123.3	7.499	23.07	9.22	123.6	10.19	17.7	85.7	86.6	-0.89	36.97	34.78	26.402	5.4517	0
"2013-08-25	22:00:00"	7.558	111.1	8.46	10.54	5.091	108.3	11.51	8.16	82.9	82.9	-0.006	39.59	38.16	26.422	0	0
"2013-08-25	23:00:00"	8.81	110.5	12.28	11.74	6.017	109.3	15.79	9.35	80.3	80.5	-0.194	42.12	40.49	26.446	0	0
"2013-08-26	00:00:00"	8.61	105.7	10.24	12.33	5.814	102.6	13.54	9.35	78.55	78.76	-0.204	44.87	43.22	26.465	0	0
"2013-08-26	01:00:00"	8.92	112.7	7.42	14.12	6.288	109.5	10.62	11.14	77.37	77.52	-0.158	47.1	45.42	26.472	0	0
"2013-08-26	02:00:00"	7.977	99.1	9.7	11.74	4.811	91.6	15.18	8.16	74.29	74.22	0.071	51.41	50.28	26.47	0	0
"2013-08-26	03:00:00"	9.73	115.1	7.263	12.93	7.081	114.1	10.13	10.54	74.55	74.82	-0.268	52.24	50.75	26.467	0	0
"2013-08-26	04:00:00"	9.28	114.4	6.629	12.33	6.751	112.6	9.71	9.95	73.56	73.89	-0.33	55.42	53.67	26.462	0	0
"2013-08-26	05:00:00"	8.2	106.1	7.71	11.14	5.29	103.6	11.57	8.16	71.58	71.89	-0.306	59.38	57.72	26.458	0	0
"2013-08-26	06:00:00"	9.38	106.8	6.819	13.52	6.48	105.4	9.63	9.95	70.35	70.62	-0.264	62.95	61.46	26.459	0	0
"2013-08-26	07:00:00"	9.04	104.2	6.802	12.33	6.297	103.5	10.47	9.95	69.55	70.19	-0.646	66.51	64.54	26.469	0	0
"2013-08-26	08:00:00"	8.33	106.1	7.699	12.33	5.855	103.7	10.74	9.95	68.96	69.44	-0.485	69.75	67.91	26.48	18.389	0
"2013-08-26	09:00:00"	8.86	118.3	18.42	15.31	6.928	117.7	20.5	12.33	71.13	71.99	-0.863	68.49	66.11	26.49	166.15	0
"2013-08-26	10:00:00"	12.16	138.1	11.35	17.7	9.76	137.4	12.6	15.31	74.36	76.59	-2.228	63.37	59.07	26.5	319.75	0
"2013-08-26	11:00:00"	12.56	149.1	13.32	17.7	10.4	147.5	13.6	14.72	77.39	79.83	-2.439	57.35	52.17	26.506	571.83	0
"2013-08-26	12:00:00"	10.25	150.4	19.81	17.7	8.57	148.6	20.54	15.91	79.13	82.6	-3.506	54.23	47.69	26.507	711.88	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-08-26	13:00:00"	10.79	138.5	21.17	20.09	8.95	139.2	21.74	17.7	81.2	84.6	-3.372	48.02	42.06	26.494	717.9	0
"2013-08-26	14:00:00"	11.85	124.1	18	22.47	9.73	124.3	21.02	21.28	83.3	87.2	-3.934	41.17	35.79	26.474	790.23	0
"2013-08-26	15:00:00"	13.05	118.2	18.83	26.65	10.51	119.6	20.17	20.09	84.4	88.1	-3.656	38.25	33.7	26.456	660.78	0
"2013-08-26	16:00:00"	13.23	118.8	18.47	23.07	10.65	119.1	20.18	23.66	85.5	89.3	-3.783	37.08	32.43	26.434	850.1	0
"2013-08-26	17:00:00"	13.06	111.1	20.26	23.07	10.35	111.7	22.45	18.3	86.1	88.7	-2.552	36.45	32.66	26.415	500.79	0
"2013-08-26	18:00:00"	13.19	128.3	15.77	29.03	10.77	128.4	17.2	22.47	86.7	89.5	-2.807	34.95	31.21	26.405	390.4	0
"2013-08-26	19:00:00"	13.05	100.5	19.59	21.87	10.13	99.5	21.7	18.3	86.9	89.1	-2.188	35.05	31.75	26.398	263.46	0
"2013-08-26	20:00:00"	13.72	99	10.27	23.07	10.05	99	14.26	17.7	85.8	87.4	-1.561	36.22	33.51	26.393	112.1	0
"2013-08-26	21:00:00"	11.98	103	8.15	17.7	8.81	103.7	11.69	14.72	83.8	84.6	-0.742	37.88	35.81	26.399	4.5319	0
"2013-08-26	22:00:00"	9.9	98.1	7.144	15.91	6.699	98.3	12.31	11.74	81.3	81.3	0.003	41.83	40.05	26.403	0	0
"2013-08-26	23:00:00"	7.969	98	6.484	12.33	5.193	95.4	11.41	8.75	78.59	78.72	-0.13	45.65	43.85	26.412	0	0
"2013-08-27	00:00:00"	8.98	112.8	9.74	12.93	6.461	111.7	12.86	10.54	77.21	76.97	0.235	49.31	47.9	26.423	0	0
"2013-08-27	01:00:00"	11.46	131.5	7.754	15.91	8.72	131.2	9.01	14.12	76.52	77.01	-0.492	53.33	51.36	26.427	0	0
"2013-08-27	02:00:00"	9.17	130	6.564	13.52	6.867	129.6	7.93	11.14	74.74	74.78	-0.041	57.3	55.74	26.419	0	0
"2013-08-27	03:00:00"	7.598	122	7.889	9.95	5.132	119.7	11.22	7.561	72.51	72.41	0.099	61.17	59.84	26.412	0	0
"2013-08-27	04:00:00"	7.108	104.2	8.93	9.35	4.302	95.2	13.8	6.964	70.51	69.97	0.542	64.55	63.76	26.405	0	0
"2013-08-27	05:00:00"	6.723	83.1	6.427	8.16	4.12	69.74	9.38	5.771	68.27	67.83	0.446	68.42	67.37	26.402	0	0
"2013-08-27	06:00:00"	7.567	85.8	5.521	9.35	4.735	78.68	8.48	6.368	66.56	66.15	0.408	71.39	70.39	26.404	0	0
"2013-08-27	07:00:00"	7.211	105.8	9.66	9.95	4.264	98	14.16	6.368	66.27	65.79	0.483	72.54	71.91	26.417	0	0
"2013-08-27	08:00:00"	5.057	111	17.21	8.75	3.19	99.9	25.57	6.368	66.65	66.48	0.17	72.66	71.58	26.429	27.559	0
"2013-08-27	09:00:00"	6.198	155.9	22.1	9.95	5.016	153.3	23.01	8.16	69.45	69.88	-0.434	73.6	71.52	26.438	159.96	0
"2013-08-27	10:00:00"	7.551	179	12.92	11.14	6.233	177.7	16.57	9.95	72.17	73.35	-1.182	74.34	70.86	26.444	364.07	0
"2013-08-27	11:00:00"	6.645	188.3	25.88	12.33	5.605	188.6	30.2	11.14	74.6	75.89	-1.291	68.16	64.54	26.444	467.66	0
"2013-08-27	12:00:00"	7.49	149.5	23.7	14.12	6.335	148.8	24.46	12.93	76.78	78.37	-1.597	59.25	55.27	26.442	503.38	0
"2013-08-27	13:00:00"	8.99	153.4	26.98	17.7	7.467	152.5	28.21	16.51	79.12	81	-1.857	52.81	48.58	26.428	684.18	0
"2013-08-27	14:00:00"	10.5	164.5	25.53	18.89	8.74	163.6	27.18	16.51	81.5	84.2	-2.655	45.6	40.62	26.41	741.26	0
"2013-08-27	15:00:00"	11.25	144.7	24.9	21.87	9.39	144.2	26.34	18.3	83.8	87	-3.171	40.07	35.49	26.391	944.66	0
"2013-08-27	16:00:00"	10.29	139	29.48	18.89	8.69	138.7	29.36	16.51	84.8	87.6	-2.857	37.83	33.75	26.369	769.22	0
"2013-08-27	17:00:00"	9.17	117.7	25.86	17.1	7.641	116.9	27.07	15.91	85.4	87.4	-2.059	35.54	32.22	26.355	353.52	0
"2013-08-27	18:00:00"	9.86	110	20.31	17.7	8.18	109.4	22.03	15.91	85.8	87.4	-1.529	34.4	31.54	26.343	299.56	0
"2013-08-27	19:00:00"	10.9	105.9	12.13	17.1	8.93	106.8	14.36	14.12	85.7	86.9	-1.237	34.64	32.01	26.337	182.62	0
"2013-08-27	20:00:00"	10.5	122.7	10.61	15.91	8.19	123.8	12.44	13.52	85.1	85.8	-0.728	34.12	31.91	26.334	74.915	0
"2013-08-27	21:00:00"	9.61	128.3	7.272	14.12	7.25	128.1	8.71	11.74	83.3	83.5	-0.194	37.18	35.42	26.34	5.1458	0
"2013-08-27	22:00:00"	12.85	155.2	19.49	23.66	10.04	153.1	19.44	19.49	80.6	80.8	-0.151	46.2	44.32	26.352	0	0
"2013-08-27	23:00:00"	11.12	169.6	7.851	17.1	8.81	167.6	9.7	14.12	78.04	78.11	-0.067	54.23	52.53	26.37	0	0
"2013-08-28	00:00:00"	9.6	169.4	7.669	14.72	7.62	167.3	9.51	11.14	76.27	76.4	-0.127	61.21	59.51	26.38	0	0
"2013-08-28	01:00:00"	14.53	171.7	7.407	23.07	11.6	169.6	9.51	18.89	74.69	74.94	-0.248	65.78	64.1	26.384	0	0
"2013-08-28	02:00:00"	13.68	172.8	6.974	19.49	10.89	170.2	9.37	15.91	72.46	72.69	-0.226	66.46	64.83	26.385	0	0
"2013-08-28	03:00:00"	9.37	168.7	9.94	15.31	7.401	166.5	11.49	13.52	70.97	71.14	-0.171	70.48	68.91	26.381	0	0
"2013-08-28	04:00:00"	5.551	124.2	18	8.75	3.799	113.2	24.85	7.561	69.16	68.98	0.186	74.07	72.6	26.376	0	0
"2013-08-28	05:00:00"	5.584	135.2	10.17	8.16	3.761	127.1	13.94	6.368	68.59	68.18	0.415	75.32	74.57	26.375	0	0
"2013-08-28	06:00:00"	7.949	159.7	12.45	12.33	6.415	156.8	13.44	11.14	68.24	68.3	-0.063	75.93	74.66	26.382	0	0
"2013-08-28	07:00:00"	7.082	157.5	11.22	12.93	5.675	154.8	12.75	11.14	67.54	67.65	-0.11	78.16	76.88	26.391	0	0
"2013-08-28	08:00:00"	5.759	143.6	9.89	8.16	4.344	140.8	10.49	6.368	66.49	66.59	-0.106	79.78	78.45	26.406	15.451	0
"2013-08-28	09:00:00"	7.127	149	13.12	11.14	5.833	147.3	14.37	9.95	67.6	68.18	-0.581	79.45	77.27	26.42	157.97	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-08-28	10:00:00"	11.26	168.8	11.07	16.51	9.17	166.2	13.08	14.12	70.01	71.26	-1.252	76.96	73.31	26.427	305.32	0
"2013-08-28	11:00:00"	13.08	179	11.61	20.09	10.52	177.9	14.35	17.7	73.12	75.06	-1.932	69.88	65	26.429	545.29	0
"2013-08-28	12:00:00"	13.49	175.5	14.41	20.68	11.01	173.2	17.23	17.1	76.15	78.23	-2.075	62.33	57.33	26.427	572.46	0
"2013-08-28	13:00:00"	12.69	175.5	15.58	23.07	10.4	174.4	18.74	18.89	78.32	80.3	-1.959	55.92	51.27	26.421	623.14	0
"2013-08-28	14:00:00"	13.13	162.7	19.96	21.28	10.82	160.8	21.71	18.89	80.5	82.7	-2.171	50.65	45.82	26.408	686.8	0
"2013-08-28	15:00:00"	12.51	155.9	27.34	21.87	10.25	154.7	28.02	17.1	82.8	85	-2.158	45.02	40.46	26.391	645.58	0
"2013-08-28	16:00:00"	12.02	166.1	19.32	24.86	9.87	164.8	21.32	21.87	84.3	86.2	-1.876	41.56	37.84	26.373	607.4	0
"2013-08-28	17:00:00"	13.9	160.8	15.46	24.26	11.37	158.8	16.83	19.49	84.6	86.2	-1.647	41.47	37.95	26.362	365.22	0
"2013-08-28	18:00:00"	11.46	165.3	16.54	18.89	9.37	163.1	17.21	15.31	84.5	85.5	-1.009	41.72	38.78	26.356	186.41	0
"2013-08-28	19:00:00"	12.02	156.8	15.37	20.68	9.73	154.3	15.86	18.3	85	85.7	-0.721	41.11	38.59	26.35	151.17	0
"2013-08-28	20:00:00"	11.25	153.9	11.04	18.89	9.16	151.2	11.58	15.31	85	85.4	-0.422	40.74	38.6	26.352	87.209	0
"2013-08-28	21:00:00"	11.3	154.1	8.79	17.1	9.3	151.5	8.85	14.72	83.5	83.5	0.025	41.58	39.78	26.364	3.125	0
"2013-08-28	22:00:00"	11.39	146.3	7.514	15.91	9.09	144.3	8.16	13.52	81.3	81.2	0.139	42.15	40.52	26.381	0	0
"2013-08-28	23:00:00"	10.36	145.9	7.202	15.91	8.12	144.1	7.688	12.93	79.19	79.04	0.149	43.33	41.78	26.403	0	0
"2013-08-29	00:00:00"	8.97	143.6	6.556	11.74	6.901	141.9	7.515	9.95	77.14	76.95	0.188	43.03	41.58	26.416	0	0
"2013-08-29	01:00:00"	9.71	150.3	9.07	14.12	7.654	147.9	8.93	11.74	75.75	75.59	0.156	44.82	43.31	26.423	0	0
"2013-08-29	02:00:00"	6.947	146.6	8.16	9.95	5.213	144	8.62	8.75	74.06	73.8	0.26	48.63	47.32	26.424	0	0
"2013-08-29	03:00:00"	7.199	148.4	7.944	9.95	5.405	146.4	8.42	7.561	72.92	72.8	0.12	51.53	50.2	26.416	0	0
"2013-08-29	04:00:00"	8.01	147.1	9.38	11.74	5.995	144.6	9.61	9.35	71.75	71.59	0.163	54.13	52.88	26.412	0	0
"2013-08-29	05:00:00"	7.316	141.5	7.619	10.54	5.308	139	8.14	8.16	70.37	70.13	0.242	57.47	56.38	26.409	0	0
"2013-08-29	06:00:00"	6.87	149.9	8.69	10.54	5.13	146.5	9.22	7.561	69.46	69.25	0.207	59.96	58.89	26.411	0	0
"2013-08-29	07:00:00"	5.246	147.4	9.38	8.16	3.273	131.9	17.23	5.771	68.5	67.84	0.662	62.4	61.92	26.415	0	0
"2013-08-29	08:00:00"	6.162	155.6	9.02	9.35	4.442	148.1	11.23	6.964	68.63	68.15	0.481	62.88	62.34	26.424	17.33	0
"2013-08-29	09:00:00"	8.86	165.1	10.59	15.31	7.146	162.2	11.87	12.93	70.78	71.14	-0.366	60.54	58.68	26.433	167.62	0
"2013-08-29	10:00:00"	14.07	179.8	9.08	20.09	11.22	177.2	11.9	17.1	75.34	76.59	-1.253	52.45	49.16	26.439	368.46	0
"2013-08-29	11:00:00"	12.59	188.6	13.83	18.3	10.24	186.9	16.11	15.91	78.63	80.3	-1.677	47.27	43.34	26.445	569.37	0
"2013-08-29	12:00:00"	10.93	191	18.86	17.7	9.03	189	21.33	14.72	82	83.8	-1.8	42.75	38.9	26.448	734.75	0
"2013-08-29	13:00:00"	8.58	194.1	29.72	15.31	7.365	192.7	31.98	15.91	84.6	86.3	-1.729	40.49	37.16	26.438	824.75	0
"2013-08-29	14:00:00"	7.686	187.8	32.02	15.31	6.513	185.1	35.36	12.93	86.4	88.2	-1.799	38.52	35.34	26.42	854.07	0
"2013-08-29	15:00:00"	8.88	187.1	34.01	17.7	7.46	185.1	35.8	16.51	88.5	90.4	-1.949	34.26	31.07	26.399	834.33	0
"2013-08-29	16:00:00"	8.74	168.8	37.68	18.3	7.362	167	42.11	18.3	90.2	92.1	-1.897	31.02	27.94	26.377	819.42	0
"2013-08-29	17:00:00"	8.64	187.7	39.03	19.49	7.083	188.2	42.09	16.51	90.8	92.6	-1.774	28.78	25.86	26.356	510.07	0
"2013-08-29	18:00:00"	7.395	211.3	30.81	17.7	6.103	210.5	32.19	15.31	91.3	93.1	-1.828	27.3	24.48	26.348	394.53	0
"2013-08-29	19:00:00"	7.741	169.6	28.43	14.12	6.396	167.2	30.35	12.93	91	92.8	-1.809	28.81	26.12	26.346	220.3	0
"2013-08-29	20:00:00"	8.98	143.4	11.98	14.12	7.237	142.3	12.14	12.33	90.6	92.4	-1.755	28.23	25.64	26.345	102.93	0
"2013-08-29	21:00:00"	8.24	143.8	6.7	12.93	6.258	142.1	7.268	9.95	88.2	88.4	-0.287	28.71	26.96	26.353	3.0168	0
"2013-08-29	22:00:00"	8.47	140.2	7.541	11.14	6.121	137.4	8.59	8.75	85.2	85.2	-0.026	30.4	28.97	26.369	0	0
"2013-08-29	23:00:00"	9.22	151	7.804	12.93	7.2	148.6	8.02	11.14	82.9	83.5	-0.605	33.05	31.28	26.382	0	0
"2013-08-30	00:00:00"	8.74	162.2	11.74	14.12	6.843	160.3	12.31	12.33	80.6	81.3	-0.662	37.68	35.84	26.389	0	0
"2013-08-30	01:00:00"	9.54	177	6.587	13.52	7.079	172	8.7	11.14	78.84	79.53	-0.691	40.55	38.68	26.392	0	0
"2013-08-30	02:00:00"	8.04	185.2	8.91	12.93	5.873	186.1	13.33	9.35	77.06	77.26	-0.207	45.05	43.27	26.394	0	0
"2013-08-30	03:00:00"	6.723	194	9.4	11.14	4.93	197.8	10.52	9.35	74.98	75.12	-0.138	48.34	46.7	26.396	0	0
"2013-08-30	04:00:00"	5.648	210.2	11.59	8.16	4.306	200.6	9.75	6.368	73.78	73.67	0.108	49.94	48.67	26.394	0	0
"2013-08-30	05:00:00"	7.014	195	8.01	9.95	4.996	197.7	10.42	7.561	72.74	73	-0.25	51.49	50.01	26.387	0	0
"2013-08-30	06:00:00"	7.605	189	7.84	11.14	5.486	191	11.84	8.75	71.75	71.91	-0.164	53.36	52.02	26.387	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-08-30	07:00:00"	6.472	187.3	7.735	8.75	4.5	187.4	10.44	6.964	70.96	70.9	0.057	55.08	54.02	26.395	0	0	
"2013-08-30	08:00:00"	5.896	183.4	8.14	8.75	4.13	179.7	11.03	6.368	70.82	70.75	0.067	55.7	54.87	26.401	15.803	0	
"2013-08-30	09:00:00"	6.369	184	9.23	11.74	4.931	181.1	11.14	9.95	72.56	73.31	-0.749	54	51.89	26.414	166.12	0	
"2013-08-30	10:00:00"	11.85	186.1	9.82	18.3	9.48	184.8	13.83	15.91	77.5	79.6	-2.104	46.33	42.52	26.421	368.56	0	
"2013-08-30	11:00:00"	13.69	183.7	10.68	18.89	10.91	181.8	14.39	15.91	80.8	84.9	-4.116	40.31	35.38	26.421	569.64	0	
"2013-08-30	12:00:00"	12.51	180	12.82	20.09	10.14	178.5	16.23	17.7	83.8	87.6	-3.816	36.88	32.39	26.414	737.87	0	
"2013-08-30	13:00:00"	11.44	156.1	21.98	20.68	9.49	154.7	22.33	18.89	86.3	90.2	-3.922	33.63	29.28	26.401	856.08	0	
"2013-08-30	14:00:00"	8.57	146.9	36.05	17.7	7.17	146.5	35.8	14.72	88.4	92.3	-3.855	30.83	26.59	26.382	912.96	0	
"2013-08-30	15:00:00"	8.06	152.5	49.07	18.89	6.859	150.2	56.31	15.31	90	93.5	-3.516	29.06	25.19	26.36	882.54	0	
"2013-08-30	16:00:00"	8.67	149.5	36.08	20.68	7.249	148.4	36.78	18.3	91.2	94.4	-3.147	27.14	23.49	26.335	837.48	0	
"2013-08-30	17:00:00"	9.9	143	32.11	21.28	8.24	141.7	32.6	19.49	92.7	97.3	-4.574	25.05	21.01	26.309	709.01	0	
"2013-08-30	18:00:00"	9.58	163.5	28.11	17.7	7.946	162.4	30.05	17.7	93.1	97.1	-4.063	22.11	18.53	26.295	534.85	0	
"2013-08-30	19:00:00"	8.59	158.5	24.76	14.72	7.122	157.6	24.87	14.12	93.2	96.5	-3.265	20.22	17.13	26.289	278.1	0	
"2013-08-30	20:00:00"	9.96	160.8	18.4	15.31	7.964	159.4	19.41	13.52	92.6	95.4	-2.778	19.64	16.97	26.287	123.51	0	
"2013-08-30	21:00:00"	8.37	138.6	8.11	11.14	6.041	136.1	9.24	9.35	89.2	90.5	-1.239	21.63	19.46	26.293	4.4588	0	
"2013-08-30	22:00:00"	7.595	149.4	19.81	11.14	5.312	147.9	20.57	9.35	84.7	85	-0.268	25.25	23.63	26.306	0	0	
"2013-08-30	23:00:00"	9.19	152.3	8.31	13.52	6.954	148.8	8.75	11.14	83.5	84.2	-0.683	27.73	26.04	26.314	0	0	
"2013-08-31	00:00:00"	9.39	162.8	9.08	14.12	7.281	159.3	9.77	11.74	81.7	82.9	-1.196	30.57	28.47	26.317	0	0	
"2013-08-31	01:00:00"	10.98	171.4	7.427	15.31	8.44	168.4	9.36	12.33	79.33	80.5	-1.177	35.41	33.26	26.315	0	0	
"2013-08-31	02:00:00"	10.28	182.9	8.56	15.31	7.836	181.8	11.89	12.33	77.93	78.6	-0.67	39.93	38.04	26.317	0	0	
"2013-08-31	03:00:00"	8.8	189.5	9.59	14.12	6.664	191.6	13.33	12.33	76.33	77.03	-0.697	43.37	41.19	26.318	0	0	
"2013-08-31	04:00:00"	5.3	219.4	15.63	8.75	4.008	219.1	17.82	6.964	74.07	74.18	-0.114	45.75	44.09	26.317	0	0	
"2013-08-31	05:00:00"	4.192	223	15.03	6.368	3.052	225.1	17.12	5.175	73.01	72.84	0.167	47.27	45.79	26.312	0	0	
"2013-08-31	06:00:00"	4.377	221.6	13.83	6.368	3.323	218.2	17.77	5.175	72.5	72.31	0.19	48.71	47.31	26.308	0	0	
"2013-08-31	07:00:00"	4.573	260.5	24.8	6.964	2.687	275.3	29.95	4.578	72.01	70.56	1.448	50.16	50.03	26.315	0	0	
"2013-08-31	08:00:00"	3.504	249.2	33.14	6.368	1.548	302.8	28.8	3.386	72.09	68.4	3.686	51.23	54.33	26.325	15.733	0	
"2013-08-31	09:00:00"	5.629	182.5	13.5	14.12	3.708	181.9	23.79	12.33	74.31	74.11	0.2	49.71	48.57	26.328	165.53	0	
"2013-08-31	10:00:00"	12.68	178.4	6.998	17.1	10.1	175.1	10.08	14.12	79.52	81.5	-1.93	43.66	40.08	26.329	371.78	0	
"2013-08-31	11:00:00"	13.5	176.8	9.69	19.49	10.86	173.9	12.8	16.51	83.3	86.2	-2.916	38.32	34.44	26.329	572.44	0	
"2013-08-31	12:00:00"	13.7	167.8	14.98	23.07	11.16	165.3	16.16	18.89	86.3	89.6	-3.309	33.54	29.54	26.323	744.88	0	
"2013-08-31	13:00:00"	12.65	153.7	17.38	23.66	10.47	152.1	18.33	21.28	88.4	91.9	-3.512	30.35	26.33	26.315	861.93	0	
"2013-08-31	14:00:00"	11.16	156.3	20.19	23.07	9.27	153.3	22.19	18.3	89.9	93.9	-3.961	27.12	23.12	26.294	919.12	0	
"2013-08-31	15:00:00"	11.98	156.6	27.89	24.86	9.97	154.5	29.19	18.89	91.3	96.1	-4.809	25.38	21.12	26.277	889.65	0	
"2013-08-31	16:00:00"	10.11	166.4	36.27	19.49	8.37	165.7	39.34	16.51	92.2	96.6	-4.474	24.57	20.55	26.252	836.39	0	
"2013-08-31	17:00:00"	9.02	167.2	32.8	23.07	7.509	164.6	36.16	17.7	93.2	99.9	-6.698	23.99	19.01	26.23	705.75	0	
"2013-08-31	18:00:00"	9.35	166.2	22.25	20.09	7.73	165	24.4	16.51	93.6	96.6	-3.009	22.99	19.78	26.217	530.44	0	
"2013-08-31	19:00:00"	9.85	177.9	19.96	17.1	7.999	178.6	25.55	15.31	93.5	96.1	-2.621	22.71	19.72	26.209	273.17	0	
"2013-08-31	20:00:00"	8.21	152	24.98	15.91	6.608	150.3	25.99	12.93	93.1	95	-1.955	23.06	20.44	26.21	118.64	0	
"2013-08-31	21:00:00"	8.05	129.8	10.09	11.14	5.495	129	10.9	9.95	90	90.2	-0.188	25.23	23.46	26.221	3.872	0	
"2013-08-31	22:00:00"	9.51	127	9.02	13.52	6.551	125.6	10.74	9.95	86.8	89	-2.21	28.11	25.4	26.24	0	0	
"2013-08-31	23:00:00"	9.33	143.9	6.866	12.93	6.859	142.4	7.584	9.95	84.9	88.4	-3.484	30.45	26.86	26.252	0	0	
"2013-09-01	00:00:00"	9.57	153.2	10.94	17.1	7.383	151.4	11.24	12.33	83.1	86.7	-3.611	32.67	28.9	26.255	0	0	
"2013-09-01	01:00:00"	10.26	170.1	8.18	15.31	7.825	166.9	9.51	11.14	80.8	84.6	-3.765	35.84	31.63	26.251	0	0	
"2013-09-01	02:00:00"	8.25	192.9	14	14.72	6.116	194.8	17.75	11.74	78.15	79.71	-1.553	39.91	36.99	26.259	0	0	
"2013-09-01	03:00:00"	6.613	202.7	9.87	9.35	4.825	203.7	9.74	6.964	76.58	76.25	0.331	43.08	41.63	26.264	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-09-01	04:00:00"	6.28	204.7	12.21	9.95	4.563	202.3	12.52	7.561	75.68	75.23	0.455	45.18	43.97	26.266	0	0	
"2013-09-01	05:00:00"	5.703	212	13.13	8.75	4.356	206.5	13.59	6.368	74.64	74.4	0.242	47.07	45.73	26.266	0	0	
"2013-09-01	06:00:00"	6.36	207.6	16.53	9.95	4.668	206	17.57	7.561	74.24	74.1	0.139	48.75	47.4	26.27	0	0	
"2013-09-01	07:00:00"	6.204	204.7	14.6	11.74	4.532	209.4	17.04	8.16	72.67	72.58	0.084	52.4	51.06	26.273	0	0	
"2013-09-01	08:00:00"	5.657	209.6	13.48	8.75	4.19	207	14.29	6.368	72.19	72.1	0.091	54.86	53.57	26.284	14.57	0	
"2013-09-01	09:00:00"	6.215	202.8	14.68	12.33	4.908	201.9	16.9	9.95	73.72	74.47	-0.75	54.09	51.68	26.295	161.61	0	
"2013-09-01	10:00:00"	11.41	187.8	10.07	17.7	9.07	186.7	13.46	14.12	79.44	81.6	-2.143	46.36	42.36	26.298	367.82	0	
"2013-09-01	11:00:00"	11.25	182.1	11.7	17.7	9.12	180.3	14.54	14.72	83.8	87.3	-3.456	38.74	34.35	26.303	569.23	0	
"2013-09-01	12:00:00"	9.09	165.3	23.77	15.91	7.551	162.5	24.93	14.72	87.8	91.2	-3.452	31.88	27.88	26.305	739.77	0	
"2013-09-01	13:00:00"	9.37	130.5	46.81	16.51	7.831	129.6	46.93	14.12	90	94	-3.982	29.12	24.92	26.3	786.25	0	
"2013-09-01	14:00:00"	11.35	112.1	23.75	21.87	9.28	111.4	24.93	20.09	91.5	96.1	-4.544	26.55	22.25	26.288	798.14	0	
"2013-09-01	15:00:00"	11.51	103.6	22.53	22.47	9.43	103.8	24.84	20.09	92.5	96.6	-4.188	25.46	21.42	26.273	740.52	0	
"2013-09-01	16:00:00"	12.81	102.1	20.97	23.66	10.47	101.3	23.14	20.68	92.9	97.4	-4.538	25.13	20.96	26.257	617.54	0	
"2013-09-01	17:00:00"	12.67	102.9	22.16	23.07	10.36	102.1	24.96	20.09	93.7	98.7	-4.91	24.18	19.94	26.245	699.88	0	
"2013-09-01	18:00:00"	12.64	111.9	25.82	23.66	10.34	112.9	27.03	20.09	93.8	98.6	-4.78	23.88	19.72	26.236	505.08	0	
"2013-09-01	19:00:00"	12.16	111.4	17.61	20.68	9.79	111.5	18.93	16.51	93.2	97.1	-3.847	24.1	20.38	26.238	250.22	0	
"2013-09-01	20:00:00"	11.71	110.4	11.33	19.49	9.21	110.3	13.25	16.51	92.4	95.1	-2.728	24.19	21.11	26.242	105.54	0	
"2013-09-01	21:00:00"	7.928	110.8	5.381	15.31	5.259	107.6	7.808	11.74	89.4	90.7	-1.265	26.32	23.98	26.253	2.8878	0	
"2013-09-01	22:00:00"	6.955	109.6	6.851	8.16	3.72	88.7	9.78	5.175	86.9	87.3	-0.412	28.2	26.45	26.276	0	0	
"2013-09-01	23:00:00"	7.54	84.5	7.248	8.75	4.542	68.84	8.1	6.368	84.4	83.6	0.763	30.65	29.51	26.295	0	0	
"2013-09-02	00:00:00"	7.322	84	7.285	8.75	4.552	68.22	7.941	5.771	82.8	80.8	2.019	32.22	32.05	26.302	0	0	
"2013-09-02	01:00:00"	7.701	89.4	11.65	9.95	4.492	71.51	10.08	6.964	80.9	78.46	2.391	34.55	34.75	26.302	0	0	
"2013-09-02	02:00:00"	5.328	89.4	17.34	8.75	2.788	45.91	32.2	5.771	80.9	77.83	3.078	35.24	36.07	26.302	0	0	
"2013-09-02	03:00:00"	7.48	39.7	13.47	13.52	5.708	34.11	17.08	12.33	78.02	77.15	0.864	39.94	39.11	26.314	0	0	
"2013-09-02	04:00:00"	6.961	40.28	11.99	9.95	5.281	38.65	15.03	8.16	74.47	75.59	-1.114	50.7	47.58	26.316	0	0	
"2013-09-02	05:00:00"	8.4	25.61	6.955	12.93	6.395	24.28	10.51	9.95	73.58	74.93	-1.351	55.85	52.58	26.322	0	0	
"2013-09-02	06:00:00"	11.94	26.56	6.847	16.51	9.46	26.32	11.49	14.72	74.17	75.53	-1.359	61	58.22	26.336	0	0	
"2013-09-02	07:00:00"	12.43	32.96	8.04	18.89	9.98	33.59	10.33	15.31	74.95	77.01	-2.064	63.9	60.05	26.344	0	0	
"2013-09-02	08:00:00"	11.24	41.31	7.576	15.91	9.12	41.16	9.07	13.52	74.82	76.57	-1.748	64.73	61.18	26.357	5.7024	0	
"2013-09-02	09:00:00"	11.81	33.52	7.818	17.1	9.57	34.38	10.63	15.91	74.5	76.42	-1.921	65.64	62.01	26.375	99.123	0	
"2013-09-02	10:00:00"	12.61	47.69	11.25	18.89	10.44	48.87	13.55	16.51	76.6	79.73	-3.137	60.86	55.17	26.386	326.02	0	
"2013-09-02	11:00:00"	14.03	63.75	13.43	20.68	11.24	64.28	14.88	21.87	79.55	83.3	-3.738	55.55	48.91	26.395	590.77	0	
"2013-09-02	12:00:00"	13.52	74.86	14.29	20.68	10.92	74.7	15.83	18.89	82.4	86.8	-4.438	52.31	44.74	26.397	756.58	0	
"2013-09-02	13:00:00"	13.82	84.2	15.33	23.66	11.26	84.8	16.61	21.28	84.6	88.3	-3.686	47.26	40.8	26.386	691.85	0	
"2013-09-02	14:00:00"	14.52	81.6	13.08	23.66	11.76	80.5	15.12	20.68	85.2	89	-3.788	44.61	38.57	26.372	604.18	0	
"2013-09-02	15:00:00"	12.16	90.2	12.04	19.49	9.87	90.1	14.15	16.51	84.3	87	-2.712	43.51	38.89	26.361	226.01	0	
"2013-09-02	16:00:00"	13.25	86.6	15.56	22.47	10.74	86.5	17.32	18.3	87.5	90.4	-2.902	38.34	34.28	26.324	712.63	0	
"2013-09-02	17:00:00"	13.41	85.1	16.61	26.05	10.89	85.4	18.32	19.49	89.1	92.3	-3.228	35.87	31.67	26.298	539.31	0	
"2013-09-02	18:00:00"	13.83	82.2	12.88	26.05	10.88	81.3	14.96	21.28	89.3	91.9	-2.512	32.23	28.81	26.289	234.34	0	
"2013-09-02	19:00:00"	12.07	263.2	58.82	25.45	9.26	265.6	60.23	21.28	82.7	87.1	-4.441	46.32	39.42	26.302	197.35	0	
"2013-09-02	20:00:00"	6.754	254.5	26.32	13.52	5.484	255.7	28.37	11.74	79.5	81.5	-2.015	53.88	49.39	26.301	79.735	0	
"2013-09-02	21:00:00"	5.479	269.7	17.52	8.75	3.822	275.2	21.07	8.16	77.12	77.91	-0.792	59.44	56.82	26.307	1.2574	0	
"2013-09-02	22:00:00"	5.917	314.7	23.87	11.14	3.348	318.6	29.01	9.35	75.82	76.07	-0.25	61.76	60.04	26.323	0	0	
"2013-09-02	23:00:00"	6.82	354	71.78	14.72	4.505	355.7	68.2	12.93	76.96	75.73	1.224	54.21	55.13	26.339	0	0	
"2013-09-03	00:00:00"	7.093	76.18	6.452	13.52	4.735	68.98	11.04	9.95	77.38	77.41	-0.023	42.56	41.09	26.349	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-09-03	01:00:00"	6.884	83	4.698	8.16	4.027	63.41	10.72	5.771	76.23	74.51	1.713	47.54	47.12	26.352	0	0
"2013-09-03	02:00:00"	5.78	40.07	10.93	8.16	4.253	30.79	9.29	6.964	73.5	72.5	1.003	50.63	50.35	26.358	0	0
"2013-09-03	03:00:00"	7.255	60.37	19.96	11.74	4.943	54.59	17.34	8.16	71.91	74.88	-2.97	52.13	47.69	26.363	0	0
"2013-09-03	04:00:00"	6.917	120.8	19.78	9.35	4.146	110.9	23.83	6.368	70.74	73.12	-2.373	59	53.08	26.364	0	0
"2013-09-03	05:00:00"	5.67	124.7	14.2	9.35	2.968	104.3	24.07	5.771	69.9	70.88	-0.977	61.22	58.5	26.368	0	0
"2013-09-03	06:00:00"	5.205	156.8	36.26	8.75	3.163	132.3	64.08	5.771	70.91	69.64	1.27	56.92	58.17	26.367	0	0
"2013-09-03	07:00:00"	3.713	148.3	17.81	6.368	1.971	109.8	35.9	4.578	70.57	68.45	2.121	56.44	58.59	26.377	0	0
"2013-09-03	08:00:00"	2.346	142.1	15.13	3.982	1.413	59.34	32.27	3.386	71.2	68.03	3.169	54.03	58.07	26.389	14.946	0
"2013-09-03	09:00:00"	2.76	63.27	23.88	4.578	2.066	37.67	23.41	4.578	71.56	70.2	1.359	53.67	55.25	26.405	166.01	0
"2013-09-03	10:00:00"	3.332	171.2	25.5	7.561	2.571	170.1	26.14	6.964	76.74	77.92	-1.185	43.65	41.06	26.411	374.42	0
"2013-09-03	11:00:00"	5.746	163	22.13	11.14	4.813	162.2	25.16	9.95	80.2	82.4	-2.113	39.05	35.87	26.42	577.62	0
"2013-09-03	12:00:00"	8.51	124.7	23.77	17.1	7.099	127.4	28.45	15.31	82.3	85.3	-3.031	39.24	35.15	26.428	747.24	0
"2013-09-03	13:00:00"	9.06	110	25.14	19.49	7.525	109.4	30.6	17.1	84.5	87.7	-3.222	33.8	29.91	26.418	863.37	0
"2013-09-03	14:00:00"	12.38	110.8	24.36	23.66	10.22	111.3	27.11	18.89	87	90.8	-3.765	28.95	24.92	26.397	915.16	0
"2013-09-03	15:00:00"	15.01	128.1	19.3	25.45	12.3	128.4	20.05	23.07	88.5	92.7	-4.225	24.85	20.83	26.379	890.84	0
"2013-09-03	16:00:00"	12.05	124.2	24.29	27.24	9.94	123.2	25.82	21.87	89.4	94.3	-4.895	23.76	19.73	26.357	817.32	0
"2013-09-03	17:00:00"	11.93	139.4	24.74	20.68	9.93	139.6	25.53	18.3	90.1	97.7	-7.523	21.27	16.27	26.333	708.17	0
"2013-09-03	18:00:00"	12.26	138.6	17.81	22.47	10.1	137.6	18.5	20.09	90.5	98.2	-7.615	21.86	16.64	26.321	523.68	0
"2013-09-03	19:00:00"	11.19	139.3	18.44	20.68	9.17	138.4	18.84	17.7	90.2	97.3	-7.062	22.14	17.15	26.315	270	0
"2013-09-03	20:00:00"	11.41	114.6	15.5	18.89	9.06	115	16.53	17.1	89.3	94.7	-5.394	24.39	19.88	26.309	106.59	0
"2013-09-03	21:00:00"	9.29	92.7	11.37	12.93	6.821	91.5	12.86	11.14	86	90.2	-4.205	27	23.01	26.317	2.6307	0
"2013-09-03	22:00:00"	8.62	77.78	6.684	11.74	5.756	76.23	9.03	9.35	81.4	85.9	-4.445	29.56	25.29	26.334	0	0
"2013-09-03	23:00:00"	9.04	79.59	7.125	12.33	6.209	78.03	9.37	9.35	79.55	81.5	-1.927	30.6	27.91	26.353	0	0
"2013-09-04	00:00:00"	8.19	103.2	15.08	13.52	5.246	97.6	17.49	10.54	77.95	77.08	0.869	31.69	30.8	26.373	0	0
"2013-09-04	01:00:00"	7.487	115.4	9.39	9.95	4.132	103.2	12.62	6.368	76.43	74.58	1.854	34.71	34.03	26.385	0	0
"2013-09-04	02:00:00"	5.608	122.7	16.35	8.16	3.082	97.5	23.87	5.771	75.32	73.61	1.702	41.56	39.75	26.391	0	0
"2013-09-04	03:00:00"	5.351	117.6	7.37	6.964	2.208	86.1	18.27	3.982	75.06	72.42	2.632	46.03	44.81	26.399	0	0
"2013-09-04	04:00:00"	6.395	121.1	7.27	8.75	3.236	102.4	17.58	4.578	74.57	71.98	2.593	48.1	48.17	26.406	0	0
"2013-09-04	05:00:00"	5.86	123.5	17.85	9.35	2.632	106.1	21.66	5.175	73.28	70.73	2.545	50.38	50.8	26.412	0	0
"2013-09-04	06:00:00"	4.137	99.8	16.64	5.771	2.647	45.08	27.8	3.982	74.52	70.29	4.227	50	52.63	26.411	0	0
"2013-09-04	07:00:00"	4.623	122.3	19.3	6.964	2.123	77.5	28.13	3.386	73.74	70.29	3.456	51.78	53.59	26.41	0	0
"2013-09-04	08:00:00"	3.694	154.4	23.61	5.771	1.813	120.9	52.71	3.386	73.24	70.56	2.684	54.49	55.13	26.417	14.131	0
"2013-09-04	09:00:00"	2.882	228.7	38.06	5.175	1.832	236.8	35.5	3.982	72.58	73.23	-0.645	55.69	53.33	26.425	164.68	0
"2013-09-04	10:00:00"	3.277	246.5	17.54	6.964	2.72	247.9	22.83	6.368	77.58	79.06	-1.48	48.55	45.24	26.432	373.16	0
"2013-09-04	11:00:00"	3.826	193.6	73.18	11.14	3.164	188.8	72.57	9.35	82.5	84.3	-1.789	40.41	37.21	26.443	574.95	0
"2013-09-04	12:00:00"	9.52	135.5	18.3	20.09	7.907	136	20.6	17.1	85.4	88.4	-3.074	31.42	27.73	26.449	752.61	0
"2013-09-04	13:00:00"	11.78	118.1	26.79	22.47	9.76	118.3	28.68	21.87	86.9	90.7	-3.797	26.3	22.4	26.439	866.88	0
"2013-09-04	14:00:00"	10.25	115.8	34.77	21.87	8.53	115.9	36.78	18.3	88.1	92.4	-4.245	23.32	19.39	26.424	918.48	0
"2013-09-04	15:00:00"	7.913	110.3	44.49	22.47	6.626	113.6	42.09	18.89	89.3	93.2	-3.943	20.91	17.38	26.411	895.02	0
"2013-09-04	16:00:00"	9.15	147.7	37.83	20.68	7.721	148.3	41.86	18.3	90.5	95	-4.513	21.56	17.76	26.391	888.05	0
"2013-09-04	17:00:00"	9.97	123.3	35.88	20.68	8.31	122.5	38.27	15.91	91.1	96.5	-5.393	19.86	15.88	26.37	736.59	0
"2013-09-04	18:00:00"	9.55	100.2	40.57	18.3	7.961	101.8	43.33	15.91	91.1	97.8	-6.667	19.49	15.08	26.36	448.18	0
"2013-09-04	19:00:00"	9.41	87	30.28	18.89	7.681	86.9	33.02	14.72	90.8	96.2	-5.375	20.15	16.28	26.359	199.64	0
"2013-09-04	20:00:00"	9.54	101.8	16.04	17.1	7.494	101.8	17.36	14.12	89.9	95.5	-5.627	21.01	16.85	26.361	101.79	0
"2013-09-04	21:00:00"	9.52	79.82	7.888	15.31	6.729	79.1	9.54	11.74	86.4	89.1	-2.696	23.93	20.92	26.376	2.0983	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-09-04	22:00:00"	8.71	80.4	6.146	12.33	5.806	79.01	8.66	9.35	82.1	83.8	-1.695	25.36	23.09	26.393	0	0
"2013-09-04	23:00:00"	8.1	78.36	3.975	9.95	4.948	73.64	8.46	6.964	78.29	80.4	-2.145	27.81	25.11	26.406	0	0
"2013-09-05	00:00:00"	9.41	103.4	20.55	12.93	5.927	100.8	23.69	9.35	76.97	79.06	-2.091	29.65	26.94	26.419	0	0
"2013-09-05	01:00:00"	5.865	118.3	11.05	9.35	3.39	96.2	28.94	6.368	74.63	76.82	-2.195	36.2	31.38	26.43	0	0
"2013-09-05	02:00:00"	3.126	61.12	30.22	4.578	2.5	9.19	20.66	4.578	72.98	72.27	0.709	42.84	39.34	26.435	0	0
"2013-09-05	03:00:00"	2.977	104.7	21.46	5.771	1.975	50.11	20.31	3.982	73.97	71.77	2.194	49.16	45.38	26.428	0	0
"2013-09-05	04:00:00"	5.643	90.7	16.1	7.561	2.746	67.54	22.56	4.578	71.87	69.41	2.466	53.26	49.46	26.426	0	0
"2013-09-05	05:00:00"	4.406	35.88	24.6	6.964	3.431	6.569	16.92	5.175	70.18	66.09	4.092	56.51	55.45	26.425	0	0
"2013-09-05	06:00:00"	2.587	50.25	28.05	3.982	3.241	1.091	14.71	4.578	71.32	65.19	6.124	56.88	58.23	26.428	0	0
"2013-09-05	07:00:00"	3.647	129.6	24.92	5.175	2.423	87.2	39.23	4.578	72.49	68.17	4.325	55.16	60.81	26.432	0	0
"2013-09-05	08:00:00"	4.604	154.6	23.89	6.368	2.152	132.4	58.74	3.982	72.46	69.43	3.036	54.8	57.37	26.437	13.069	0
"2013-09-05	09:00:00"	3.524	201	25.27	5.771	2.381	202.2	30.39	4.578	71.47	72.43	-0.968	56.58	54.08	26.446	160.09	0
"2013-09-05	10:00:00"	5.102	202.3	24.46	10.54	4.292	202.6	29.52	8.16	76.97	79.15	-2.184	48.55	44.59	26.453	366.99	0
"2013-09-05	11:00:00"	7.572	176	18.82	14.12	6.307	174.5	22	12.33	81.3	84.6	-3.345	41.83	37.02	26.462	569.39	0
"2013-09-05	12:00:00"	10.36	163.5	25.19	17.7	8.55	162	26.85	15.31	84	89.1	-5.153	33.84	28.83	26.468	742.17	0
"2013-09-05	13:00:00"	8.91	127.1	46.51	20.09	7.467	127.9	46.49	18.89	85.8	94.4	-8.61	29.26	22.52	26.461	847.33	0
"2013-09-05	14:00:00"	10.38	117.1	33.95	24.86	8.65	117.6	36.98	20.68	88	96.8	-8.71	24.26	18.19	26.444	926.73	0
"2013-09-05	15:00:00"	10.57	113.4	29.11	24.26	8.75	112.6	31.55	21.28	89.3	97.6	-8.26	21.26	15.86	26.426	890.02	0
"2013-09-05	16:00:00"	9.09	121.4	35.21	21.28	7.554	122.5	35.43	18.3	90.3	99.4	-9.05	19.38	13.99	26.406	837.74	0
"2013-09-05	17:00:00"	8.69	112.5	36.84	18.3	7.357	111.8	39.26	17.1	90.7	99.7	-8.99	21.56	15.72	26.385	690.04	0
"2013-09-05	18:00:00"	7.95	102.1	45.78	17.7	6.585	105.3	50.53	14.72	90.7	99.5	-8.76	23.18	17.21	26.374	488.6	0
"2013-09-05	19:00:00"	7.932	125.5	25.35	12.93	6.589	124.5	27.53	11.14	90.6	97.5	-6.986	23.84	18.55	26.37	211.69	0
"2013-09-05	20:00:00"	7.846	118.5	24.73	12.33	6.232	118.7	25.27	10.54	89.4	94	-4.595	25.86	21.71	26.369	51.327	0
"2013-09-05	21:00:00"	7.326	101.6	4.942	9.35	4.368	96	7.253	6.964	86.6	89.8	-3.155	26.72	23.16	26.379	2.0827	0
"2013-09-05	22:00:00"	11.9	113.3	21.86	20.68	8.45	109.4	26.15	18.3	83.1	84.8	-1.705	34.71	31.64	26.4	0	0
"2013-09-05	23:00:00"	10.91	145.6	9.01	17.1	8.72	143.5	9.43	13.52	81.9	82.9	-1.047	42.54	39.64	26.417	0	0
"2013-09-06	00:00:00"	9.86	152.3	9.45	15.91	7.992	149.5	9.65	12.93	80.5	81.4	-0.942	46.28	43.5	26.429	0	0
"2013-09-06	01:00:00"	10.73	174	8.46	16.51	8.46	171.5	10.71	14.72	79.64	80.8	-1.203	48.73	45.79	26.432	0	0
"2013-09-06	02:00:00"	7.334	182.8	10.4	12.93	5.765	181.1	13.94	9.95	77.37	78.27	-0.893	52.96	50.36	26.431	0	0
"2013-09-06	03:00:00"	5.586	182	10.57	9.35	4.121	180.7	14.07	6.368	75.65	75.9	-0.25	56.91	55.09	26.428	0	0
"2013-09-06	04:00:00"	6.213	168.2	9.53	9.95	4.801	163.6	10.51	8.16	74.87	75.05	-0.178	58.68	57.16	26.424	0	0
"2013-09-06	05:00:00"	5.847	176.6	11.39	9.95	4.384	175.2	14.23	8.16	73.75	73.95	-0.204	59.92	58.37	26.423	0	0
"2013-09-06	06:00:00"	4.355	181.4	10.74	6.368	2.865	176.9	13.97	4.578	72.3	72.27	0.026	62.21	60.84	26.422	0	0
"2013-09-06	07:00:00"	5.489	179.8	9.76	8.75	4.03	179.2	13.35	6.964	71.77	71.76	0.012	64.19	62.98	26.426	0	0
"2013-09-06	08:00:00"	6.088	175.2	9.62	9.35	4.733	171.8	11.49	7.561	70.68	73.13	-2.451	67.09	63.17	26.431	8.8865	0
"2013-09-06	09:00:00"	7.194	176.1	9.94	11.14	5.727	174	12.52	9.35	71.44	74.97	-3.53	68.5	61.93	26.444	144.27	0
"2013-09-06	10:00:00"	8.18	176.7	9.13	12.33	6.721	173.9	11.99	10.54	75.37	77.23	-1.868	61.57	57.21	26.454	338.39	0
"2013-09-06	11:00:00"	9.39	183.5	14.88	15.31	7.665	180.4	17.98	14.12	79.47	82.7	-3.241	52.04	46.3	26.462	542.64	0
"2013-09-06	12:00:00"	9.69	169	19.08	17.1	8.14	166.7	21.28	14.72	82.1	85	-2.96	46.75	41.27	26.462	712.27	0
"2013-09-06	13:00:00"	9.53	158.1	29.04	19.49	8.01	156.3	31.96	16.51	84.1	87.2	-3.065	41.7	36.94	26.45	783.61	0
"2013-09-06	14:00:00"	8.62	172.9	28.75	17.1	7.188	173	32.16	15.91	84.9	87.9	-3.054	40.29	35.96	26.43	536.65	0
"2013-09-06	15:00:00"	10.14	161.3	26.06	18.3	8.49	158.6	27.83	16.51	86.4	89.7	-3.378	37.47	33.04	26.406	645.85	0
"2013-09-06	16:00:00"	10.51	144.2	32.4	20.68	8.75	142.2	34.9	17.7	88.2	91.9	-3.675	34.49	30.01	26.372	724.09	0
"2013-09-06	17:00:00"	11.44	116.9	21.12	22.47	9.38	116.5	22.22	19.49	88.9	91.8	-2.947	33	29.14	26.352	365.28	0
"2013-09-06	18:00:00"	11.81	111.1	22.43	18.3	9.54	111.7	24.07	20.09	88.4	90.1	-1.699	32.31	29.4	26.339	149.8	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-06	19:00:00"	11.4	121.1	11.01	15.91	8.89	121.3	12.74	14.12	88.1	89.1	-0.975	32.1	29.73	26.333	75.593	0	
"2013-09-06	20:00:00"	10.74	132.5	8.11	15.91	8.25	132.1	9.56	12.93	87	87.3	-0.366	32.83	30.92	26.331	22.699	0	
"2013-09-06	21:00:00"	7.975	128.8	9.42	12.33	5.451	127.3	10.3	9.35	84.6	84.2	0.372	35.09	33.8	26.333	0.97725	0	
"2013-09-06	22:00:00"	7.176	135.2	22	10.54	5.115	131.7	24.16	8.16	82.5	82.7	-0.151	37.9	36.29	26.348	0	0	
"2013-09-06	23:00:00"	7.999	121.7	10.63	11.14	5.221	117.6	13.09	8.16	80	80	0.021	40.42	38.95	26.36	0	0	
"2013-09-07	00:00:00"	8.73	152.4	9.66	12.93	6.76	150.1	10.1	9.95	78.99	78.95	0.038	44.48	42.86	26.37	0	0	
"2013-09-07	01:00:00"	8.92	164.4	8.82	13.52	6.986	161.6	9.43	11.14	77.47	77.98	-0.514	48.33	46.34	26.375	0	0	
"2013-09-07	02:00:00"	8.5	174.7	7.318	12.93	6.52	171.5	9.71	10.54	76.24	76.55	-0.305	50.33	48.63	26.376	0	0	
"2013-09-07	03:00:00"	6.478	183.8	7.754	10.54	4.832	179.8	9.34	7.561	74.87	75.34	-0.472	52.79	50.92	26.378	0	0	
"2013-09-07	04:00:00"	5.536	178.9	7.448	7.561	3.95	177.6	8.71	6.368	73.6	73.38	0.214	55.16	54.13	26.374	0	0	
"2013-09-07	05:00:00"	5.848	179.1	8.53	9.35	4.197	175.8	9.88	8.75	72.93	73.04	-0.104	56.71	55.63	26.372	0	0	
"2013-09-07	06:00:00"	3.983	194.1	15.69	6.368	2.214	194.4	21.66	4.578	72.14	71.55	0.595	58.32	57.77	26.372	0	0	
"2013-09-07	07:00:00"	4.251	175	11.02	6.964	2.337	168.3	13.39	5.175	71.58	71.07	0.514	59.73	59.22	26.378	0	0	
"2013-09-07	08:00:00"	5.249	169.7	11.25	8.75	3.607	164	16.5	6.368	71	70.61	0.385	61.65	61.06	26.387	10.46	0	
"2013-09-07	09:00:00"	4.864	174.9	11.83	8.75	3.86	174.4	13.11	6.368	72.16	72.67	-0.511	61.01	59.03	26.398	142.51	0	
"2013-09-07	10:00:00"	8.24	183.4	9.57	14.72	6.752	180.3	13.29	11.14	76.63	78.35	-1.723	54.88	51.16	26.401	342.35	0	
"2013-09-07	11:00:00"	9.51	182.2	13.89	14.72	7.751	180.1	17.74	12.33	80	82	-1.962	49.45	45.12	26.405	537.62	0	
"2013-09-07	12:00:00"	8.84	179.6	20.6	15.31	7.356	177.6	24.74	13.52	82.1	85.7	-3.541	45.15	39.62	26.407	701.38	0	
"2013-09-07	13:00:00"	8.74	154.9	30.32	20.68	7.307	153.5	31.82	15.91	84.6	86.7	-2.084	38.65	35.18	26.398	806.13	0	
"2013-09-07	14:00:00"	11.88	156.9	20.6	21.87	9.78	156.2	23.14	18.3	86.6	89.8	-3.226	34.75	30.58	26.376	795.13	0	
"2013-09-07	15:00:00"	10.8	130.9	22.34	21.28	9.01	130.8	24.27	26.65	87.1	90.3	-3.128	32.81	28.88	26.357	601	0	
"2013-09-07	16:00:00"	12.98	144.1	25.71	28.43	10.63	143	25.81	27.24	88.9	92.1	-3.258	30.73	26.77	26.33	708.58	0	
"2013-09-07	17:00:00"	11.76	137.6	22.41	24.26	9.64	137.2	22.7	21.28	89.4	93.5	-4.079	29.73	25.4	26.307	659.19	0	
"2013-09-07	18:00:00"	11.07	133.1	24.29	25.45	9	132.2	24.35	21.87	89.7	91.6	-1.914	28.83	25.84	26.29	375.9	0	
"2013-09-07	19:00:00"	10.33	150.1	20.24	19.49	8.32	149.6	20.27	15.91	89.7	92	-2.329	28.9	25.72	26.281	260.99	0	
"2013-09-07	20:00:00"	10.08	143.4	12.99	16.51	8.11	142	12.32	15.31	88.8	90.2	-1.318	29.42	26.92	26.281	90.872	0	
"2013-09-07	21:00:00"	8.49	123.5	8.62	13.52	6.086	123.1	9.95	10.54	85.9	86	-0.098	31.77	30.05	26.29	1.1528	0	
"2013-09-07	22:00:00"	8.36	111.1	6.741	11.14	5.987	108.9	8.72	8.75	82.7	83	-0.317	35.7	33.94	26.305	0	0	
"2013-09-07	23:00:00"	7.088	118.4	8.04	9.95	4.473	113.4	12.26	7.561	80.5	80	0.478	39.31	38.13	26.318	0	0	
"2013-09-08	00:00:00"	8	111.5	6.412	10.54	5.189	102.3	8.11	7.561	78.83	78.17	0.657	41.28	40.34	26.328	0	0	
"2013-09-08	01:00:00"	8.89	111	14.15	13.52	6.384	108.4	15.98	9.95	78.41	78.31	0.093	41.48	39.96	26.332	0	0	
"2013-09-08	02:00:00"	9.21	119.2	7.069	13.52	6.772	118.3	9.74	10.54	76.88	76.96	-0.083	41.84	40.2	26.333	0	0	
"2013-09-08	03:00:00"	8.05	116.9	7.196	10.54	5.577	114.2	9.97	7.561	75.33	75.08	0.247	43.57	42.27	26.331	0	0	
"2013-09-08	04:00:00"	7.387	115.8	13.64	9.95	4.707	109.4	16.19	6.964	73.7	73.24	0.464	46.6	45.63	26.319	0	0	
"2013-09-08	05:00:00"	6.44	120.3	9.02	9.35	3.765	107.2	15.8	6.368	72.44	71.87	0.576	49.75	48.59	26.315	0	0	
"2013-09-08	06:00:00"	4.669	132.8	13.22	6.368	2.165	98	15.13	4.578	70.89	69.54	1.353	53.19	52.49	26.312	0	0	
"2013-09-08	07:00:00"	5.87	151.4	9.55	8.75	3.869	137.3	16.24	7.561	71.51	70.81	0.7	57.29	56.27	26.315	0	0	
"2013-09-08	08:00:00"	6.299	150.7	12.16	9.95	4.716	142.3	18.51	7.561	70.74	70.88	-0.14	62.39	60.65	26.322	9.6928	0	
"2013-09-08	09:00:00"	4.746	123.2	17.13	9.35	3.48	107.9	25.87	7.561	70.36	70.92	-0.556	63.09	60.05	26.329	138.51	0	
"2013-09-08	10:00:00"	5.862	163.3	16.14	9.95	4.941	162.3	17.69	8.16	75.12	76.72	-1.602	61.25	57.56	26.329	339.22	0	
"2013-09-08	11:00:00"	6.126	167.1	19.16	13.52	5.275	165.3	21.11	11.74	79.62	81.8	-2.173	53.06	48.54	26.328	539.61	0	
"2013-09-08	12:00:00"	8.9	162.1	23.25	19.49	7.551	160.1	24.52	16.51	82.4	85	-2.582	45.41	40.69	26.321	680.33	0	
"2013-09-08	13:00:00"	9.21	142.3	26.4	20.09	7.755	143.2	26.97	17.7	84.2	86.7	-2.537	40.98	36.85	26.309	693.22	0	
"2013-09-08	14:00:00"	11.44	132.1	24.12	22.47	9.5	130.6	26.05	17.7	86.3	89.4	-3.104	36.07	31.89	26.29	792.89	0	
"2013-09-08	15:00:00"	13.03	130.4	23.69	23.07	10.72	129.7	24.96	20.68	87.5	91.2	-3.708	33.73	29.33	26.274	849.39	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-09-08	16:00:00"	13.79	123.8	17.86	22.47	11.26	124.7	19.43	18.89	88.3	91.9	-3.61	31.52	27.41	26.25	676.28	0
"2013-09-08	17:00:00"	12.41	115.1	23.11	22.47	10.19	114.7	24.47	19.49	88.8	91.1	-2.259	29.33	26.07	26.223	588.38	0
"2013-09-08	18:00:00"	12.83	124.1	16.09	22.47	10.42	124.4	17.02	21.87	89.4	92	-2.552	28.47	25.11	26.208	518.79	0
"2013-09-08	19:00:00"	16.02	114.5	12.3	26.05	12.76	114.8	13.73	21.87	89.1	90.9	-1.754	29.3	26.47	26.203	212.58	0
"2013-09-08	20:00:00"	15.19	118.2	7.776	21.28	11.86	118.8	10.72	17.7	86.9	88	-1.056	30.53	28.17	26.205	76.123	0
"2013-09-08	21:00:00"	10.34	141.2	19.19	18.3	7.968	139.6	18.33	14.12	84.1	84.8	-0.703	35.14	33	26.218	0.81342	0
"2013-09-08	22:00:00"	11.32	150.5	8.73	18.3	9.11	148.5	9.44	15.31	81.2	81.5	-0.283	43.5	41.36	26.243	0	0
"2013-09-08	23:00:00"	11.33	152.8	9.83	20.09	9.12	150.4	9.67	18.3	79.28	80.1	-0.803	47.47	44.98	26.26	0	0
"2013-09-09	00:00:00"	11.53	170.5	8.1	15.91	9.22	167.8	9.82	13.52	77.28	78.7	-1.422	52.18	49.01	26.272	0	0
"2013-09-09	01:00:00"	9.24	153.7	10.29	13.52	7.396	151.1	10.95	11.14	75.06	76.36	-1.299	57.33	54.14	26.279	0	0
"2013-09-09	02:00:00"	9.3	158.2	10.34	14.12	7.601	155.5	10.84	13.52	73.55	74.59	-1.04	60.45	57.61	26.273	0	0
"2013-09-09	03:00:00"	7.787	149.9	12.24	14.72	6.12	146.4	13.25	12.33	72.03	72.7	-0.67	65.18	62.83	26.268	0	0
"2013-09-09	04:00:00"	7.373	149.5	9.39	12.93	5.786	147	9.39	9.95	70.08	70.45	-0.375	68.84	66.9	26.268	0	0
"2013-09-09	05:00:00"	10.31	157.6	10.87	17.1	8.37	155.7	11.75	14.12	69.17	70.02	-0.848	72.03	69.58	26.27	0	0
"2013-09-09	06:00:00"	8.51	147.1	10.34	12.33	6.839	145	10.5	10.54	67.7	68.59	-0.891	74.67	71.91	26.269	0	0
"2013-09-09	07:00:00"	4.499	133	19.1	8.16	2.898	124.8	20.12	6.964	65.81	66.22	-0.408	78.81	77.1	26.271	0	0
"2013-09-09	08:00:00"	5.114	121.1	30.7	7.561	3.711	112.1	34.31	5.771	64.9	65.27	-0.366	82.2	80.2	26.281	12.364	0
"2013-09-09	09:00:00"	6.139	112.6	27.49	11.14	5.016	110.6	28.65	9.95	65.5	66.81	-1.314	82.2	78.76	26.288	132.97	0
"2013-09-09	10:00:00"	11.27	171.2	12.16	17.1	9.26	169.2	14.57	14.12	68.45	70.93	-2.488	78.49	72.62	26.295	327.45	0
"2013-09-09	11:00:00"	11.7	159.3	13.72	17.1	9.73	157.2	14.89	15.31	70.92	73.38	-2.455	73.15	67.06	26.303	376.02	0
"2013-09-09	12:00:00"	13.53	154.4	15	19.49	11.07	152.5	16.17	17.1	72.72	75.25	-2.531	68.74	62.8	26.312	361.89	0
"2013-09-09	13:00:00"	13.07	165.4	13.76	20.09	10.78	163.2	15.44	16.51	73.88	76.77	-2.895	66.18	60.02	26.309	376.08	0
"2013-09-09	14:00:00"	14	161.5	16.63	21.87	11.45	159.1	17.61	20.09	77.09	80.6	-3.525	59.04	52.16	26.293	738.83	0
"2013-09-09	15:00:00"	14.07	156.9	17.54	26.05	11.64	154.3	18.02	18.89	80.1	84.3	-4.195	51.97	44.51	26.265	815.89	0
"2013-09-09	16:00:00"	14.89	149.8	18.68	24.26	12.22	148.9	19.79	20.68	81.9	85.5	-3.578	47.62	41.43	26.243	716.67	0
"2013-09-09	17:00:00"	16.22	149.3	18.21	34.4	13.14	147.8	18.46	29.63	83.1	86.2	-3.122	43.96	38.52	26.221	465	0
"2013-09-09	18:00:00"	16.56	162.3	12.34	26.65	13.51	160.3	13.6	23.07	83.3	85.6	-2.23	42.3	38.14	26.204	319.08	0
"2013-09-09	19:00:00"	16.76	163.7	17.17	25.45	13.56	161.6	18.06	20.68	82.9	84.3	-1.467	42.66	39.3	26.2	129.08	0
"2013-09-09	20:00:00"	17.79	180.2	7.871	26.05	13.99	177.8	11.14	22.47	81	82.8	-1.776	47.28	43.59	26.208	56.522	0
"2013-09-09	21:00:00"	14.33	175.8	8.05	21.87	11.39	173.4	10.61	18.89	79.01	79.7	-0.693	49.76	47.28	26.228	0.58159	0
"2013-09-09	22:00:00"	11.37	170.5	7.376	18.89	8.93	168.1	9.1	15.91	77.72	78.06	-0.34	48.34	46.4	26.246	0	0
"2013-09-09	23:00:00"	9.15	162.7	10.22	15.31	7.282	159.5	11.11	12.33	76.07	77.5	-1.424	51.54	48.69	26.267	0	0
"2013-09-10	00:00:00"	8.28	149.2	7.371	11.74	6.392	146.9	7.548	9.35	74.34	74.75	-0.403	54.53	52.71	26.278	0	0
"2013-09-10	01:00:00"	9.76	154	9.33	14.72	7.88	150.3	9.31	11.14	73.36	73.57	-0.206	57.7	55.96	26.283	0	0
"2013-09-10	02:00:00"	10.07	148.3	7.976	16.51	7.859	146.8	8.66	12.93	72.11	72.55	-0.445	61.9	59.93	26.282	0	0
"2013-09-10	03:00:00"	9.76	149.6	8.87	14.72	7.816	147.3	9.19	13.52	71.22	71.71	-0.492	65.94	63.9	26.281	0	0
"2013-09-10	04:00:00"	9.18	148.1	8.19	14.72	7.192	145.4	8.73	11.14	70.18	71.39	-1.212	69.42	66.94	26.286	0	0
"2013-09-10	05:00:00"	8.51	150.5	8.17	13.52	6.737	147.9	8.61	9.95	68.65	69.13	-0.48	73.84	71.73	26.283	0	0
"2013-09-10	06:00:00"	9.02	153.4	10.42	15.91	7.343	150.8	10.79	12.93	68.38	68.83	-0.452	76.84	74.93	26.284	0	0
"2013-09-10	07:00:00"	11.11	143.8	12.14	15.91	8.9	142.3	13.01	13.52	69.57	70.68	-1.112	76.67	73.7	26.29	0	0
"2013-09-10	08:00:00"	11.16	136.5	11.65	19.49	8.84	135.5	12.15	17.1	69.5	70.44	-0.938	77.04	74.16	26.302	2.0675	0
"2013-09-10	09:00:00"	12.32	150.9	9.61	19.49	10.09	149.1	10.55	15.91	70.18	70.91	-0.731	76.22	73.76	26.32	44.066	0
"2013-09-10	10:00:00"	13.43	154.8	11.04	19.49	11.04	153	11.86	16.51	70.87	73.4	-2.53	74.35	69.69	26.341	112.3	0
"2013-09-10	11:00:00"	12.28	144.9	11.39	17.1	9.98	144	11.87	14.72	72.05	73.26	-1.208	71.3	67.74	26.352	188.6	0
"2013-09-10	12:00:00"	11.88	154.1	13.23	17.7	9.81	151.6	13.69	15.31	74.02	75.92	-1.895	66.6	62.21	26.36	254.57	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-10	13:00:00"	12.39	150.7	14.67	18.89	10.11	149.2	14.41	16.51	76.3	79.63	-3.326	61.25	54.9	26.357	398.53	0	
"2013-09-10	14:00:00"	13.09	153.6	15.51	20.09	10.77	152.7	16.2	17.1	78.29	82	-3.75	56.34	49.43	26.344	619.8	0	
"2013-09-10	15:00:00"	15.69	145.8	14.63	27.84	12.85	144.3	15.12	21.28	80.8	85.3	-4.575	51	43.25	26.324	785.97	0	
"2013-09-10	16:00:00"	16.15	143.3	15.96	26.65	13.15	142.4	16.34	21.87	82.3	87.2	-4.862	47.51	39.76	26.298	795.1	0	
"2013-09-10	17:00:00"	16.89	138.6	12.7	26.65	13.73	137.6	13.45	22.47	83.4	87.6	-4.255	44.42	37.92	26.269	510.22	0	
"2013-09-10	18:00:00"	16.23	139.3	11.62	24.86	12.99	138.1	12.21	20.68	84	86.9	-2.848	41.2	36.83	26.262	211.46	0	
"2013-09-10	19:00:00"	17.67	123.9	11.96	27.24	13.87	123.4	13.52	23.66	82.8	85.7	-2.95	46.46	41.19	26.271	80.432	0	
"2013-09-10	20:00:00"	18.77	131.2	8.29	26.65	14.6	131.4	9.35	21.87	81.5	83.6	-2.068	49.44	45.19	26.278	42.967	0	
"2013-09-10	21:00:00"	18.74	134.2	7.599	32.01	14.71	133.9	8.91	27.84	79.88	81.7	-1.836	53.35	49.29	26.297	0.17691	0	
"2013-09-10	22:00:00"	17.48	130	7.842	26.05	13.51	130.5	9.15	22.47	77.65	79.49	-1.838	58.33	54.22	26.324	0	0	
"2013-09-10	23:00:00"	18.56	135.1	7.233	27.24	14.53	134.7	8.77	23.07	74.96	76.72	-1.762	67	62.7	26.343	0	0	
"2013-09-11	00:00:00"	17.54	127.6	9.22	24.86	13.59	127.3	11	20.09	73.49	75.16	-1.671	71.17	67.02	26.354	0	0	
"2013-09-11	01:00:00"	15.99	133.4	7.628	22.47	12.48	133.2	9.25	17.7	72.08	73.53	-1.454	75.26	71.35	26.356	0	0	
"2013-09-11	02:00:00"	15.28	140.9	8.72	21.87	12.06	140	9.42	18.89	71.68	73.12	-1.446	74.25	70.9	26.357	0	0	
"2013-09-11	03:00:00"	14.32	147.5	9.26	20.68	11.52	145.4	9.89	17.7	71.38	72.42	-1.036	75.5	72.52	26.361	0	0	
"2013-09-11	04:00:00"	13.12	145.2	8.23	18.89	10.46	143.6	8.93	15.31	70.56	72.01	-1.447	78.92	75.03	26.354	0	0	
"2013-09-11	05:00:00"	11.5	144.3	9.5	17.7	9.29	143.1	10.06	15.31	70.04	71.14	-1.102	80.3	77.12	26.347	0	0	
"2013-09-11	06:00:00"	12.83	150.5	9.53	18.89	10.4	148.7	10	15.91	70.04	71.3	-1.26	80.1	76.95	26.341	0	0	
"2013-09-11	07:00:00"	10.98	145.8	9.29	17.1	8.84	144.4	10.08	13.52	69.98	71.29	-1.315	79.36	76.27	26.356	0	0	
"2013-09-11	08:00:00"	12.66	143.4	7.96	18.3	10.18	141.7	9.26	16.51	69.99	71.23	-1.239	79.24	76.11	26.367	1.7743	0	
"2013-09-11	09:00:00"	14.15	146.1	8.7	20.68	11.34	144.7	9.53	17.7	70.4	71.79	-1.386	76.59	73.56	26.38	26.414	0	
"2013-09-11	10:00:00"	15.48	148.3	9.77	23.07	12.45	146.1	10.29	18.89	70.58	71.96	-1.377	75.78	72.23	26.394	49.477	0	
"2013-09-11	11:00:00"	14.01	153.5	10.93	20.68	11.48	151.3	11.04	17.7	69.65	71.35	-1.695	80.6	76.46	26.406	108.54	0	
"2013-09-11	12:00:00"	13.84	146	12.4	19.49	11.14	144.7	12.6	16.51	69.93	71.82	-1.889	81.5	77.65	26.413	169.38	0	
"2013-09-11	13:00:00"	14.82	148.6	12.01	21.87	11.98	146.5	12.33	18.89	71.83	73.07	-1.238	75.18	72.48	26.41	145.74	0	
"2013-09-11	14:00:00"	15.33	155.5	12.43	22.47	12.55	153.2	12.96	20.09	74.06	75.92	-1.859	67.42	63.45	26.398	213.07	0	
"2013-09-11	15:00:00"	15.26	156.8	13.44	23.07	12.38	154.8	14.38	19.49	75.77	77.6	-1.828	62.24	58.26	26.379	200.72	0	
"2013-09-11	16:00:00"	14.88	153.8	12.57	21.87	12.15	151.3	13.02	20.68	76.88	79.28	-2.398	60.46	55.63	26.36	291.42	0	
"2013-09-11	17:00:00"	16.03	140.9	11.26	24.26	12.85	140.1	11.91	21.28	78.84	81.3	-2.508	55.83	50.94	26.338	220.71	0	
"2013-09-11	18:00:00"	16.96	137.2	11.44	24.86	13.46	136.8	12.08	20.68	79.86	81.7	-1.85	52.94	48.81	26.333	198.47	0	
"2013-09-11	19:00:00"	15.9	137.6	10.61	23.07	12.72	136.7	11.19	19.49	80.4	82.2	-1.817	51.35	47.34	26.33	174.05	0	
"2013-09-11	20:00:00"	16.37	131.3	9.25	23.07	12.72	131.5	10.45	18.89	79.99	81.2	-1.209	51.88	48.75	26.335	14.456	0	
"2013-09-11	21:00:00"	14.69	125	8.1	22.47	11.21	125.8	10.39	17.7	78.35	79.6	-1.252	56.29	53.14	26.342	0.07701	0	
"2013-09-11	22:00:00"	10.38	119.5	8.06	16.51	7.928	120.3	10.61	14.72	76.8	77.2	-0.399	59.26	57.3	26.361	0	0	
"2013-09-11	23:00:00"	8.67	117.9	7.785	12.33	6.536	118	10.2	10.54	75.91	76.26	-0.349	59.62	57.78	26.372	0	0	
"2013-09-12	00:00:00"	8.12	126.3	7.728	11.14	6.11	126.6	9.36	9.35	75.11	75.6	-0.494	61.07	59.12	26.374	0	0	
"2013-09-12	01:00:00"	8.84	131.7	10.38	14.72	6.719	130.8	11.42	11.74	75.12	75.54	-0.423	60.89	59.1	26.369	0	0	
"2013-09-12	02:00:00"	11.68	147	8.27	18.89	9.29	145.4	8.87	15.31	75.45	76.43	-0.982	59.6	57.21	26.369	0	0	
"2013-09-12	03:00:00"	13.01	149.9	9.23	18.89	10.56	148.4	9.89	15.91	74.67	75.08	-0.411	61.36	59.36	26.367	0	0	
"2013-09-12	04:00:00"	10.64	150.6	8.86	15.91	8.59	148.4	9.4	12.93	72.41	73.93	-1.525	66.71	63.46	26.365	0	0	
"2013-09-12	05:00:00"	9.81	148.4	9.19	14.72	7.893	146.8	10.14	12.33	71.07	72.17	-1.092	70.8	68.12	26.362	0	0	
"2013-09-12	06:00:00"	8.82	140.6	8.01	12.33	6.965	138.9	9.12	10.54	70.01	70.66	-0.658	71.57	69.38	26.364	0	0	
"2013-09-12	07:00:00"	8.58	137	7.288	11.74	6.734	136.5	8.44	10.54	69.29	70.11	-0.811	70.29	67.83	26.369	0	0	
"2013-09-12	08:00:00"	7.22	113.5	13.84	12.33	5.698	112.3	14.8	9.35	68.21	69.17	-0.96	72.49	69.8	26.377	23.787	0	
"2013-09-12	09:00:00"	9.3	119.5	11.26	13.52	7.439	119.2	13.5	11.14	68.47	69.93	-1.457	74.48	71.44	26.396	91.989	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-12	10:00:00"	12.12	135.9	9.12	18.89	9.75	136.1	10.41	17.1	70.44	71.7	-1.264	71.24	67.8	26.406	254.97	0
"2013-09-12	11:00:00"	14.65	146.6	12.47	20.68	11.99	144.9	13.26	17.7	74.78	77.76	-2.985	60.38	54.72	26.411	617.17	0
"2013-09-12	12:00:00"	15.01	149	14.59	23.07	12.29	147.4	15.36	18.89	77.26	80.4	-3.185	53.97	47.78	26.414	587.54	0
"2013-09-12	13:00:00"	16.02	142.7	15.94	24.86	12.91	142.4	16.22	22.47	78.97	82.6	-3.629	48.93	42.68	26.404	597.29	0
"2013-09-12	14:00:00"	15.88	136.9	17.4	27.84	12.87	136.1	18.42	22.47	80.6	84.1	-3.467	45.21	39.41	26.386	634.58	0
"2013-09-12	15:00:00"	14.95	152.8	13.86	28.43	12.37	151.3	14.72	24.86	82	85.2	-3.15	40.22	35.67	26.362	651.01	0
"2013-09-12	16:00:00"	14.88	142.7	21.71	23.07	12.04	141.6	21.46	20.09	82.3	86.2	-3.891	39.98	34.91	26.345	417.16	0
"2013-09-12	17:00:00"	13.51	137.8	16.12	21.28	10.86	137.4	17.01	17.1	82.1	84.4	-2.346	39.6	35.94	26.328	301.67	0
"2013-09-12	18:00:00"	13.16	144.3	16.51	22.47	10.75	143.5	16.52	19.49	83.2	85.9	-2.643	37.54	33.73	26.313	392.84	0
"2013-09-12	19:00:00"	12.88	126.5	14.21	20.68	10.3	127.4	15.42	17.7	83.3	85.7	-2.337	35.74	32.31	26.314	168.75	0
"2013-09-12	20:00:00"	10.94	145.4	14.91	17.1	8.62	144	14.76	14.72	82.3	83.5	-1.195	35.8	33.4	26.32	33.346	0
"2013-09-12	21:00:00"	10.34	119.5	7.432	14.72	7.747	119.8	10.06	12.33	80.3	80.8	-0.422	38.15	36.29	26.328	0.31807	0
"2013-09-12	22:00:00"	9.77	116.2	6.461	14.12	7.219	115.4	9.48	11.74	78.08	78.37	-0.291	41.26	39.4	26.342	0	0
"2013-09-12	23:00:00"	9.05	113	6.525	12.93	6.436	111.3	9.6	9.35	75.59	75.74	-0.144	43.67	41.94	26.347	0	0
"2013-09-13	00:00:00"	7.947	113	6.278	9.95	5.021	106.5	8.79	6.964	73.14	72.59	0.545	47.19	46.37	26.354	0	0
"2013-09-13	01:00:00"	7.202	120.2	6.162	9.35	4.524	117.4	9.23	6.368	71.77	71.15	0.621	49.65	48.91	26.354	0	0
"2013-09-13	02:00:00"	7.752	112.3	16.41	9.95	5.016	107	20.72	7.561	70.01	69.75	0.263	52.14	51.06	26.351	0	0
"2013-09-13	03:00:00"	8.43	121.5	9.83	10.54	5.358	117.2	13.64	8.16	69.08	68.22	0.86	53.53	53.59	26.344	0	0
"2013-09-13	04:00:00"	7.86	127.4	6.184	10.54	4.884	122.3	8.51	7.561	68.55	68.08	0.475	54.24	53.86	26.336	0	0
"2013-09-13	05:00:00"	7.812	130.3	7.894	10.54	4.988	126.1	9.27	7.561	67.75	67.19	0.556	55.92	55.4	26.332	0	0
"2013-09-13	06:00:00"	6.574	124.3	7.82	8.16	3.767	115.8	12.64	5.771	66.36	65.88	0.484	58.3	57.63	26.334	0	0
"2013-09-13	07:00:00"	6.577	87.1	14.39	8.16	3.937	71.11	13.75	5.771	63.95	63.62	0.33	62.22	61.48	26.338	0	0
"2013-09-13	08:00:00"	4.813	61.95	11.5	6.964	3.238	28.96	19.99	5.175	63.75	61.59	2.163	63.18	64.26	26.345	7.9345	0
"2013-09-13	09:00:00"	4.753	92.5	18.65	6.368	3.631	84.6	23.39	5.771	65.81	66.05	-0.24	62.95	61.26	26.348	137.01	0
"2013-09-13	10:00:00"	8.7	161.7	20.48	16.51	7.149	158.8	21.63	14.12	71.69	73.71	-2.021	64.68	60.39	26.346	340.9	0
"2013-09-13	11:00:00"	12.36	166.5	13.77	20.09	10.14	163.7	15.1	17.1	75.4	78.66	-3.257	56.83	50.88	26.35	542.94	0
"2013-09-13	12:00:00"	13.43	152.1	17.77	23.66	11.05	150.6	18.47	20.68	78.17	81.6	-3.402	49.24	43.14	26.345	676.39	0
"2013-09-13	13:00:00"	14.71	143.4	17.84	23.07	12.09	142.3	17.78	21.28	80.3	84.4	-4.152	42.94	37.04	26.332	706.87	0
"2013-09-13	14:00:00"	15.02	145.6	19.55	29.63	12.36	144	20.43	24.26	81.9	86	-4.096	38.76	33.63	26.309	894.65	0
"2013-09-13	15:00:00"	15.25	146.4	17.56	25.45	12.59	144.5	17.72	21.87	83.6	88.7	-5.162	35.83	30.2	26.281	810.33	0
"2013-09-13	16:00:00"	15.81	138.7	20.41	26.65	12.87	138	20.73	23.66	84.8	89.3	-4.445	32.95	28.04	26.256	782.17	0
"2013-09-13	17:00:00"	15.24	128.3	17.73	24.86	12.29	128.7	18.67	20.09	85	89.6	-4.57	32.06	27.22	26.236	428.1	0
"2013-09-13	18:00:00"	15.12	130	14.37	24.86	12.02	130.4	15.99	19.49	85	87.3	-2.31	30.56	27.35	26.221	282.07	0
"2013-09-13	19:00:00"	15.21	128.9	13.62	25.45	12.06	129.1	14.75	20.09	85.2	87.7	-2.472	28.52	25.34	26.216	222	0
"2013-09-13	20:00:00"	12.33	123.2	8.8	18.89	9.42	123.6	10.92	15.31	84.3	85.2	-0.884	27.2	25.01	26.217	69.048	0
"2013-09-13	21:00:00"	8.34	134.9	9.9	12.93	5.81	132.5	10.74	9.95	81.4	81.4	0.068	30.75	29.05	26.228	0.28577	0
"2013-09-13	22:00:00"	9.04	134.4	10.02	12.93	6.313	132.1	10.83	10.54	78.3	78.92	-0.629	36.93	34.94	26.252	0	0
"2013-09-13	23:00:00"	9.36	131.7	9.59	13.52	6.723	129.3	11.2	11.74	75.94	76.24	-0.3	41.67	39.69	26.267	0	0
"2013-09-14	00:00:00"	7.9	146.2	7.018	10.54	5.895	144.3	7.114	8.75	74.77	75.29	-0.515	45.81	43.88	26.271	0	0
"2013-09-14	01:00:00"	7.618	143.8	6.455	9.95	5.482	141.8	6.942	8.16	73.47	73.43	0.035	49.41	47.82	26.268	0	0
"2013-09-14	02:00:00"	8.95	136.2	6.466	11.74	6.176	132.4	7.701	9.35	72.56	72.47	0.098	51.1	49.85	26.266	0	0
"2013-09-14	03:00:00"	9.25	134.1	6.231	11.74	6.244	130.7	7.476	9.95	71.36	71.2	0.162	53	51.88	26.264	0	0
"2013-09-14	04:00:00"	9.02	144	7.488	13.52	6.709	142.2	7.991	10.54	70.6	70.74	-0.14	53.87	52.42	26.261	0	0
"2013-09-14	05:00:00"	8.52	154.8	8.54	12.33	6.645	151.5	8.83	10.54	70.08	70.14	-0.058	54.03	52.81	26.253	0	0
"2013-09-14	06:00:00"	8.23	160.8	9.67	14.72	6.428	157.4	10.35	11.14	69	69.4	-0.393	54.6	53.04	26.253	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-14	07:00:00"	8.3	160.2	8.78	11.74	6.506	155.4	9.53	9.35	68.24	69.12	-0.88	56.85	54.55	26.259	0
"2013-09-14	08:00:00"	5.77	101.2	51.25	9.95	4.145	94.8	50.13	8.75	66.28	66.63	-0.347	60.38	58.42	26.274	8.6272
"2013-09-14	09:00:00"	4.569	42.61	10.93	6.368	4.017	41.02	13.29	5.771	64.64	66.55	-1.909	64.85	60.92	26.292	140.48
"2013-09-14	10:00:00"	6.381	122.3	41.96	12.93	5.37	121.3	41.57	9.95	70.41	72.86	-2.442	59.48	54.97	26.301	358.63
"2013-09-14	11:00:00"	9.77	162.2	18.52	18.89	8.05	160.4	19.96	15.91	74.99	81.7	-6.735	52.85	43.07	26.308	523.85
"2013-09-14	12:00:00"	16.29	168.7	11.75	24.26	13.34	166.6	13.49	22.47	78.3	81.5	-3.157	41.86	37.06	26.305	599.79
"2013-09-14	13:00:00"	16.33	175.7	12.12	25.45	13.18	173.5	15.16	21.87	79.88	83.7	-3.823	38.55	33.91	26.295	706.94
"2013-09-14	14:00:00"	16.34	173.7	16.35	35	13.35	171.8	18.96	29.63	81.2	85.1	-3.923	34.56	30.11	26.277	693.4
"2013-09-14	15:00:00"	15.29	168.1	17.69	25.45	12.49	166.2	20.44	22.47	82.6	87	-4.38	31.47	26.8	26.256	705.64
"2013-09-14	16:00:00"	16.23	178.5	14.87	32.01	13.04	177.5	17.25	24.86	83.9	88	-4.174	30.48	26.05	26.231	702.45
"2013-09-14	17:00:00"	15.59	171.4	13.16	24.26	12.7	169	15.05	21.87	84.2	87	-2.824	30.14	26.5	26.211	425.4
"2013-09-14	18:00:00"	16.35	175.6	10.61	25.45	13.04	173.2	12.96	22.47	84.2	85.8	-1.53	29.61	26.88	26.204	257.72
"2013-09-14	19:00:00"	15.61	169.9	12.63	24.26	12.46	167.8	14.3	21.28	84.8	86.6	-1.792	29.32	26.51	26.207	194.01
"2013-09-14	20:00:00"	14.12	150.4	9.78	21.87	11.45	147.8	10.43	17.7	83.5	85.1	-1.63	31.5	28.91	26.22	27.419
"2013-09-14	21:00:00"	9.71	153.2	8.78	17.1	7.875	151.5	9.39	14.12	82.4	83.4	-1.05	31.85	29.65	26.23	0.26357
"2013-09-14	22:00:00"	7.333	143.4	7.201	11.14	5.503	141.1	7.375	9.35	80.5	81.9	-1.401	33.36	31.06	26.247	0
"2013-09-14	23:00:00"	7.897	135.9	7.11	10.54	5.451	133.3	8.3	8.16	78.42	81.3	-2.861	35.96	32.35	26.261	0
"2013-09-15	00:00:00"	8.42	144.5	7.78	12.33	6.148	142.9	8.65	9.35	76.58	79.82	-3.242	38.51	34.61	26.266	0
"2013-09-15	01:00:00"	10.97	171	10.79	17.7	8.58	167.6	11.62	14.12	75.47	76.11	-0.648	37.95	36.09	26.271	0
"2013-09-15	02:00:00"	10.94	171.2	7.034	15.31	8.53	168	9.06	13.52	73.76	73.61	0.142	38.43	37.18	26.27	0
"2013-09-15	03:00:00"	10.06	174.2	8.17	15.91	7.681	170.8	10.57	12.93	72.65	73.14	-0.488	39.58	37.9	26.266	0
"2013-09-15	04:00:00"	7.533	164.7	9.68	11.74	5.635	160.7	11.63	8.75	70.72	71.15	-0.43	42.35	40.47	26.259	0
"2013-09-15	05:00:00"	7.745	164	9.39	11.74	5.756	160.1	10.25	9.35	70.37	70.47	-0.105	43.63	42.1	26.258	0
"2013-09-15	06:00:00"	7.737	159.4	10.05	11.74	6.096	155.4	10.02	9.95	69.59	70.09	-0.499	46.16	44.14	26.265	0
"2013-09-15	07:00:00"	7.752	134	9.67	9.95	5.636	132.3	10.49	8.75	68.52	70.84	-2.315	50.08	45.8	26.277	0
"2013-09-15	08:00:00"	7.326	116.8	10.26	10.54	5.182	114.2	11.88	8.16	67.29	70.16	-2.865	54.91	49.56	26.298	6.2136
"2013-09-15	09:00:00"	9.48	115.7	9.56	13.52	7.389	115	11.58	11.74	67.12	70.18	-3.056	57.94	51.85	26.313	66.832
"2013-09-15	10:00:00"	12.86	143.3	11.77	24.26	10.39	142.5	11.96	21.28	70.51	73.55	-3.042	60.87	55.72	26.323	282.61
"2013-09-15	11:00:00"	18.3	167.8	11.29	26.65	14.86	165.3	13.14	23.07	75.2	79.41	-4.209	55.07	48.21	26.332	476.27
"2013-09-15	12:00:00"	16.96	171.2	12.01	25.45	13.78	168.7	13.84	21.87	78.63	84.4	-5.732	47.14	38.92	26.336	803.01
"2013-09-15	13:00:00"	13.55	172.7	14.41	23.66	11.15	169.4	16.91	17.7	81.4	88.6	-7.172	42.17	34.14	26.327	881.73
"2013-09-15	14:00:00"	13.93	159.1	19.74	24.26	11.49	157.9	20.3	20.68	83.5	89.9	-6.395	36.11	29.68	26.314	716.51
"2013-09-15	15:00:00"	13.28	156.9	19.92	25.45	10.98	154.5	21.44	21.87	85.1	91.2	-6.105	28.97	23.67	26.304	853.02
"2013-09-15	16:00:00"	12.08	164.8	22.71	22.47	9.9	162.9	24.29	18.3	86.1	94.2	-8.1	27.14	20.89	26.288	590.77
"2013-09-15	17:00:00"	12.58	154.9	20.05	23.07	10.32	153.4	20.51	21.87	86.7	94.8	-8.12	26.72	20.5	26.275	621.63
"2013-09-15	18:00:00"	13.8	152.9	17.4	23.66	11.2	150.7	17.66	18.89	86.3	92.1	-5.803	27.05	22.06	26.268	246.49
"2013-09-15	19:00:00"	11.9	158.4	15.45	21.28	9.57	157.1	16.18	17.1	86	91	-5.08	27.22	22.78	26.275	157.95
"2013-09-15	20:00:00"	10.46	134.4	10.03	15.31	8.19	133.4	10.9	13.52	85.4	89.5	-4.116	27.98	24.01	26.293	30.423
"2013-09-15	21:00:00"	13.19	135.9	9.18	21.28	10.39	135	9.77	16.51	84	86.3	-2.294	30.59	27.55	26.307	0.14652
"2013-09-15	22:00:00"	14.89	155	9.59	24.86	12.09	152.6	10.24	20.09	82.3	84.9	-2.599	32.84	29.58	26.328	0
"2013-09-15	23:00:00"	12.8	164.1	9.63	22.47	10.3	160.8	10.64	20.09	80.4	83.9	-3.457	33.95	30.1	26.343	0
"2013-09-16	00:00:00"	8.19	161.7	9.29	13.52	6.444	158.1	9.44	11.74	77.93	80.5	-2.527	38.26	34.79	26.351	0
"2013-09-16	01:00:00"	7.833	162.1	8.64	11.14	6	158.1	9.48	9.35	76.25	79.04	-2.785	41.93	37.89	26.355	0
"2013-09-16	02:00:00"	7.244	154.4	10.86	11.14	5.222	146.8	15.81	9.95	74.15	77.3	-3.15	47.72	42.09	26.354	0
"2013-09-16	03:00:00"	6.857	154.9	13.08	11.74	4.671	141.1	25.02	9.35	73.09	74.68	-1.589	50.88	47.15	26.359	0

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ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-16	04:00:00"	7.762	154.5	8.49	11.74	5.752	148.5	8.5	8.75	71.8	74.94	-3.148	55.31	49.46	26.359	0	0
"2013-09-16	05:00:00"	7.272	151.6	13.25	12.93	5.346	146.4	14.61	10.54	70.06	73.44	-3.384	62.7	55.6	26.362	0	0
"2013-09-16	06:00:00"	6.803	164.1	11.71	10.54	5.193	161.5	12.82	8.75	69.43	72.6	-3.163	68.15	61.57	26.374	0	0
"2013-09-16	07:00:00"	5.321	182.2	9.35	9.35	3.699	180.3	11.92	7.561	68.63	71.92	-3.296	72.99	65.53	26.389	0	0
"2013-09-16	08:00:00"	2.862	135.8	32.21	4.578	1.191	96.6	58.48	3.386	67.87	69.53	-1.659	76.01	70.58	26.404	6.2669	0
"2013-09-16	09:00:00"	3.367	73.24	20.8	5.175	1.795	50.78	38.19	5.175	68.66	69.35	-0.682	75.06	71.1	26.418	123.14	0
"2013-09-16	10:00:00"	8.34	157.4	20.76	14.72	6.865	154.9	21.04	12.33	71.91	75.4	-3.483	68.54	61.8	26.421	332.89	0
"2013-09-16	11:00:00"	11.75	163.9	14.47	18.3	9.7	161.9	15.96	15.91	75.05	79.9	-4.85	60.56	51.92	26.424	527.92	0
"2013-09-16	12:00:00"	13.63	148.7	15.9	24.86	11.28	147	16.76	18.3	77.48	83	-5.502	56.93	47.49	26.428	711.74	0
"2013-09-16	13:00:00"	14.25	168.4	14.16	22.47	11.62	167	16.06	18.3	77.89	84.3	-6.44	56.03	45.54	26.427	543.38	0
"2013-09-16	14:00:00"	12.21	156.3	15.77	21.28	10.12	154.5	17.41	18.89	78.78	83.6	-4.82	54.47	46.1	26.412	647.13	0
"2013-09-16	15:00:00"	11.42	149.4	17.5	19.49	9.4	148.6	18.6	16.51	80	84.4	-4.352	50.15	42.78	26.387	408.13	0
"2013-09-16	16:00:00"	10.42	153	17.73	18.3	8.57	152	18.24	15.31	80.6	84.3	-3.671	47.85	41.51	26.365	313.85	0
"2013-09-16	17:00:00"	9.39	94.8	45.65	18.89	7.742	96	47.78	15.31	80.6	83.9	-3.298	47.95	42.03	26.348	298.86	0
"2013-09-16	18:00:00"	14.93	24.8	11.24	20.68	12.32	23.74	16.03	18.89	78.63	84.2	-5.605	55.09	45.94	26.335	304.07	0
"2013-09-16	19:00:00"	17.81	62.65	13.29	28.43	13.64	64.38	14.82	21.87	75.8	80.4	-4.554	59.46	51.5	26.342	129	0
"2013-09-16	20:00:00"	15.83	83.9	10.69	26.65	12.14	83.2	11.92	20.68	72.83	77.09	-4.263	69.72	62.12	26.358	46.161	0
"2013-09-16	21:00:00"	16.18	107.2	8.95	23.66	12.93	106.8	10.89	20.68	71.32	75.06	-3.745	73.85	66.12	26.374	0.12723	0
"2013-09-16	22:00:00"	16.57	91.5	9.25	24.26	12.82	91.1	10.79	20.68	69	73.09	-4.087	78.16	70.55	26.385	0.45673	0.03
"2013-09-16	23:00:00"	13.45	83.7	8.29	20.09	10.06	82.4	10.49	15.31	66.82	70.74	-3.925	83.2	76.79	26.4	0.58172	0.01
"2013-09-17	00:00:00"	9.5	76.04	51.84	16.51	7.085	76.6	52.68	13.52	66.72	71.11	-4.385	85.1	77.09	26.407	0	0
"2013-09-17	01:00:00"	6.288	60.83	28.35	9.35	4.728	63.19	27.52	7.561	66.91	69.91	-2.999	85.5	81	26.412	0	0
"2013-09-17	02:00:00"	7.057	81.7	8.07	9.95	5.212	79.26	10.45	8.16	67.23	70.42	-3.186	86.5	80.8	26.416	0	0
"2013-09-17	03:00:00"	6.741	98.4	9.16	11.14	5.304	96.3	10.22	8.75	67.64	70.02	-2.38	87.3	82.4	26.412	0	0
"2013-09-17	04:00:00"	5.33	84	12.18	8.16	4.011	81.8	13.71	6.368	67.24	68.8	-1.564	88.2	84.4	26.407	0	0
"2013-09-17	05:00:00"	6.24	116	11.88	8.75	4.662	114.7	13.2	7.561	66.79	68.37	-1.583	88.2	84.9	26.397	0	0
"2013-09-17	06:00:00"	7.157	131.3	9.45	10.54	5.499	130.7	10.44	8.16	67.25	68.66	-1.417	86.1	83.9	26.394	0	0
"2013-09-17	07:00:00"	6.893	146.2	9.49	9.95	5.485	144.8	9.74	8.16	67.19	68.66	-1.476	85	82.3	26.39	0	0
"2013-09-17	08:00:00"	4.752	124.6	15.77	6.368	2.955	116.9	20.29	5.175	65.91	67.12	-1.214	86.7	83.2	26.395	4.5047	0
"2013-09-17	09:00:00"	5.368	94.2	9.55	7.561	4.169	89.1	12.75	7.561	65.76	67.22	-1.457	88.8	85.6	26.407	102.46	0
"2013-09-17	10:00:00"	8.29	143.5	22.23	15.31	6.742	143.1	22.28	12.93	68.92	70.58	-1.667	79.7	77.99	26.408	193.6	0
"2013-09-17	11:00:00"	12.64	168	11.29	20.68	10.3	165.1	12.6	19.49	70.8	73.34	-2.548	73.92	69.4	26.412	248.95	0
"2013-09-17	12:00:00"	13.56	169.8	10.84	21.28	11.1	167.8	12.86	17.7	72.29	75.47	-3.184	70.36	64.66	26.41	339.76	0
"2013-09-17	13:00:00"	13.54	169.4	12.27	21.28	11.04	166.6	13.97	18.3	73.85	78	-4.155	66.16	58.78	26.396	360.78	0
"2013-09-17	14:00:00"	14.04	159.9	12.1	21.87	11.54	157.4	13.47	18.3	75.27	79.18	-3.908	62.47	55.45	26.375	469.72	0
"2013-09-17	15:00:00"	14.56	166.3	17.3	23.07	11.88	164.1	19.01	18.89	77.07	81.3	-4.236	57.31	50.11	26.347	458.02	0
"2013-09-17	16:00:00"	14.91	163.3	13.24	22.47	12.24	160.9	14.12	19.49	79.05	82.9	-3.894	50.86	44.58	26.319	413.52	0
"2013-09-17	17:00:00"	16.49	173.9	8.93	24.26	13.27	171.6	11.28	21.28	79.2	84	-4.823	49.37	42.2	26.297	230.9	0
"2013-09-17	18:00:00"	17.17	171.3	9.44	26.05	13.71	169.2	11.48	22.47	79.39	81.7	-2.268	49.98	45.51	26.284	225.77	0
"2013-09-17	19:00:00"	16.55	171.7	9.28	23.07	13.27	168.8	11.34	18.89	79.05	81.5	-2.416	51.48	46.93	26.287	101.44	0
"2013-09-17	20:00:00"	15.58	170.4	9.41	22.47	12.42	168.1	11.59	19.49	77.95	81	-3.028	54.94	49.69	26.294	25.009	0
"2013-09-17	21:00:00"	13.82	157.1	9.12	20.68	11.36	154	9.98	17.7	76.47	80.4	-3.881	57.58	51.03	26.296	0.11542	0
"2013-09-17	22:00:00"	12.68	154.1	8.96	20.09	10.31	152.3	9.63	16.51	75.49	79.23	-3.74	60.49	53.98	26.314	0	0
"2013-09-17	23:00:00"	11.13	153.6	8.72	18.3	9.11	151.8	9.11	17.1	74.73	78.29	-3.565	60.98	54.65	26.331	0	0
"2013-09-18	00:00:00"	10.36	154.4	9.95	15.31	8.41	151.2	9.97	14.12	73.48	77.35	-3.871	61.81	55.2	26.336	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-18	01:00:00"	13.45	168.8	8.67	23.66	10.68	166.7	10.39	19.49	73.36	77.26	-3.9	64.7	57.95	26.332	0	0
"2013-09-18	02:00:00"	17.37	173.5	7.938	26.05	13.91	171	9.97	22.47	71.74	74.62	-2.882	69.49	63.46	26.332	0	0
"2013-09-18	03:00:00"	15.27	178	7.008	23.07	12.15	175.1	9.93	18.89	69.59	71.82	-2.222	76.56	71.67	26.326	0	0
"2013-09-18	04:00:00"	14.13	180.5	6.995	21.28	11.23	178	10.12	17.7	69.33	70.78	-1.45	77.26	74.08	26.31	0	0
"2013-09-18	05:00:00"	11.81	183.1	8.81	20.09	9.33	181.4	13.08	17.1	68.93	70.37	-1.446	78.14	75.08	26.295	0	0
"2013-09-18	06:00:00"	11.75	181.2	7.79	17.1	9.34	179.4	11.25	15.31	68.38	69.97	-1.593	80.3	76.64	26.284	0	0
"2013-09-18	07:00:00"	11.74	176.9	6.97	16.51	9.31	174.7	9.84	13.52	67.37	68.9	-1.527	83.8	80	26.283	0	0
"2013-09-18	08:00:00"	11.53	172.5	7.62	15.91	9.1	169.9	9.74	13.52	67.03	68.76	-1.727	84.4	80.6	26.291	3.1306	0
"2013-09-18	09:00:00"	11.84	175.3	7.633	21.28	9.41	173	10.28	17.7	67.46	69.42	-1.959	84	80.4	26.303	47.696	0
"2013-09-18	10:00:00"	16.17	178.2	7.589	21.87	12.82	175.3	10.89	18.89	69.65	71.99	-2.34	78.4	74.21	26.311	158.65	0
"2013-09-18	11:00:00"	15.73	181.6	11.16	23.07	12.59	179.9	14.51	18.89	73.31	78.09	-4.779	69.34	61.12	26.317	536.07	0
"2013-09-18	12:00:00"	15.82	183.6	10.05	24.86	12.81	181.6	13.57	23.66	76.23	82.1	-5.915	60.23	50.24	26.313	665.97	0
"2013-09-18	13:00:00"	15.56	176.5	12.94	24.26	12.69	174.4	15.3	20.68	78.34	82.9	-4.506	54.26	46.7	26.297	766.5	0
"2013-09-18	14:00:00"	14.43	177.2	15.29	30.22	11.75	175.6	18.43	27.84	79.87	86.4	-6.545	51.85	41.92	26.277	654.22	0
"2013-09-18	15:00:00"	14.83	174.4	15.34	24.86	12.11	172	18.13	20.68	81.6	89.3	-7.642	47.55	37.35	26.252	578.91	0
"2013-09-18	16:00:00"	16.28	172.7	14.77	27.84	13.31	170.5	17.27	22.47	82.6	89.6	-7.014	44.76	35.99	26.229	675.55	0
"2013-09-18	17:00:00"	15.92	168.2	14.72	24.26	13.07	166.2	16.14	21.87	82.8	89.4	-6.617	43.94	35.62	26.209	420.73	0
"2013-09-18	18:00:00"	17.68	163.4	15.17	27.84	14.43	161	15.82	23.07	83.1	87.8	-4.714	43.85	37.27	26.195	423.36	0
"2013-09-18	19:00:00"	17.04	164.9	14.34	24.26	13.85	162.9	15.97	21.28	82.3	86.9	-4.618	44.64	38.1	26.191	214.94	0
"2013-09-18	20:00:00"	16.13	159.5	10.65	24.86	13.23	156.8	11.24	21.28	80.1	85	-4.839	48.98	41.54	26.2	40.933	0
"2013-09-18	21:00:00"	14.39	159.3	9.64	23.07	11.82	156.4	10.04	18.89	77.86	81.8	-3.972	52.88	46.41	26.217	0.15343	0
"2013-09-18	22:00:00"	14.63	167.7	9.08	25.45	11.8	164.9	10.71	21.28	76.7	79.95	-3.253	57.29	51.55	26.236	0	0
"2013-09-18	23:00:00"	17.01	171	7.183	25.45	13.57	168.9	9.62	21.28	75.59	75.95	-0.362	60.01	58.16	26.247	0	0
"2013-09-19	00:00:00"	16.74	171.6	7.214	23.66	13.41	169.3	9.67	20.68	74.2	74.75	-0.557	64.35	62.35	26.248	0	0
"2013-09-19	01:00:00"	17.18	177.4	6.848	26.65	13.49	175	9.94	21.28	73.31	75.21	-1.895	68.43	64.77	26.247	0	0
"2013-09-19	02:00:00"	15.76	173.3	7.358	22.47	12.6	170.6	9.9	18.89	72.14	74.28	-2.134	71.91	67.41	26.243	0	0
"2013-09-19	03:00:00"	15.2	174.4	7.194	23.66	12.08	172	9.99	18.89	70.94	73.48	-2.535	77.31	71.7	26.242	0	0
"2013-09-19	04:00:00"	14.46	174.2	7.871	23.07	11.5	171.4	10.64	18.89	70.27	72.35	-2.085	79.65	75.01	26.24	0	0
"2013-09-19	05:00:00"	13.28	176.4	7.535	19.49	10.58	173.5	9.8	16.51	69.73	70.9	-1.174	80.9	77.96	26.234	0	0
"2013-09-19	06:00:00"	12.43	176.8	7.626	17.7	9.91	174.1	9.86	15.31	69.3	71.35	-2.049	82.1	78.13	26.231	0	0
"2013-09-19	07:00:00"	11.79	175.7	7.621	19.49	9.39	173.4	10.83	15.31	68.94	70.33	-1.384	82.7	79.5	26.236	0	0
"2013-09-19	08:00:00"	12.56	170	9.11	19.49	10.1	167.8	10.75	17.1	68.88	71.07	-2.187	83.2	78.39	26.239	3.1809	0
"2013-09-19	09:00:00"	13.59	172.1	7.768	21.28	10.89	169.2	10.45	18.3	68.81	70.37	-1.56	83.8	80.2	26.25	39.996	0
"2013-09-19	10:00:00"	12.03	178.1	7.851	15.91	9.6	176	11	14.12	68.95	70.39	-1.439	85.5	83.8	26.266	142.35	0.01
"2013-09-19	11:00:00"	12.85	181.5	8.1	17.7	10.21	179.8	11.87	15.91	69.79	71.61	-1.824	83.4	81.2	26.279	140.36	0.01
"2013-09-19	12:00:00"	12.99	163.2	11.45	18.89	10.51	161.7	12.43	16.51	68.48	70.7	-2.221	88.1	84	26.283	94.648	0.18
"2013-09-19	13:00:00"	10.99	153.3	9.44	15.31	9.02	152.7	10.07	14.12	69.13	70.28	-1.143	87.2	85.3	26.275	252.77	0.06
"2013-09-19	14:00:00"	10.49	163	12.25	15.31	8.66	161	14.47	14.12	72.27	74.15	-1.874	78.55	77.41	26.256	409.49	0
"2013-09-19	15:00:00"	11.52	162	13.07	20.09	9.48	159.4	14.76	16.51	73.65	76.13	-2.478	72.87	69.6	26.232	271.5	0
"2013-09-19	16:00:00"	11.92	92.3	22.5	19.49	9.42	91.1	22.64	15.31	69.44	73.36	-3.914	80.2	72.77	26.233	176.17	0.04
"2013-09-19	17:00:00"	11.14	99.3	11.6	17.1	8.89	100.1	13.44	14.12	68.21	71.2	-2.991	88.4	82.6	26.231	87.167	0.3
"2013-09-19	18:00:00"	9.19	106.2	17.64	13.52	7.415	108.1	18.66	11.14	68.2	69.91	-1.708	89.9	85.6	26.226	48.714	0.34
"2013-09-19	19:00:00"	9.02	112.9	7.994	12.93	7.114	114.8	10.54	10.54	68.68	69.49	-0.81	89	86.9	26.229	38.82	0.03
"2013-09-19	20:00:00"	8.36	138.2	13.81	12.93	6.646	138	14.05	11.74	68.35	68.55	-0.208	85.4	85.6	26.225	14.394	0
"2013-09-19	21:00:00"	7.231	132.9	17.2	12.93	5.55	132	17.67	10.54	67.4	67.88	-0.481	85	84.5	26.228	0.50756	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-19	22:00:00"	7.288	136.2	15.74	13.52	5.68	136.4	15.17	11.74	67.01	68.31	-1.298	85.8	84.1	26.237	0
"2013-09-19	23:00:00"	8.03	143.8	11.86	14.72	6.381	143.3	12.35	12.33	66.66	68.47	-1.811	85.1	82.4	26.253	0
"2013-09-20	00:00:00"	6.331	131.5	13.53	10.54	5.011	130.6	15.52	9.35	66.04	67.98	-1.934	87.8	83.7	26.252	0
"2013-09-20	01:00:00"	3.207	75.38	23.78	5.771	2.429	72.82	24.23	5.175	65.83	67.14	-1.31	90.1	87.2	26.257	0.49123
"2013-09-20	02:00:00"	4.662	58.07	13.11	6.368	3.805	58.72	14.06	5.771	65.96	67.58	-1.618	90.9	88.1	26.256	1.2484
"2013-09-20	03:00:00"	4.534	89.3	25.82	8.16	3.667	90.3	25.99	6.368	65.87	67.01	-1.143	91.2	88.8	26.249	1.2445
"2013-09-20	04:00:00"	5.856	104.8	15.06	9.95	4.664	105.6	16.82	8.16	65.75	67.14	-1.392	91.4	89	26.243	1.4849
"2013-09-20	05:00:00"	4.514	76.46	18.02	6.964	3.493	77	18.9	5.771	65.99	67.01	-1.018	91.2	89	26.247	1.5811
"2013-09-20	06:00:00"	5.841	38.39	12.11	9.35	4.681	38.83	13.66	7.561	65.89	67.47	-1.578	91.1	88.9	26.242	1.9597
"2013-09-20	07:00:00"	10.36	29.96	13.53	17.7	8.33	28.9	17.6	14.72	65.59	67.85	-2.259	91.1	88.5	26.246	1.1248
"2013-09-20	08:00:00"	9.51	41.43	9.76	16.51	7.713	42.86	11.53	15.31	65.56	67.96	-2.402	91.1	88.1	26.253	2.1231
"2013-09-20	09:00:00"	10.91	53.55	11.55	16.51	8.6	55.03	13.44	14.12	65.72	68	-2.273	90.8	87.7	26.267	50.631
"2013-09-20	10:00:00"	12.27	52.35	10.01	18.89	9.6	53.22	11.38	15.91	66.66	68.44	-1.775	89.7	86.9	26.279	127.66
"2013-09-20	11:00:00"	14.37	50.46	9.36	22.47	11.29	51.22	11.31	18.3	67.49	69.48	-1.993	86.3	84.2	26.301	145.94
"2013-09-20	12:00:00"	15.36	54.92	10.98	24.26	11.88	55.47	12.8	20.09	67.32	70.37	-3.043	84.6	80.5	26.319	170.84
"2013-09-20	13:00:00"	18.35	57.03	10.73	28.43	14.44	58.54	12.62	22.47	68.04	71.2	-3.161	76.86	73.05	26.323	625.58
"2013-09-20	14:00:00"	17.42	61.11	12.84	26.65	13.73	62.52	14.1	21.87	70.05	73.86	-3.817	69.4	64.09	26.316	598.91
"2013-09-20	15:00:00"	14.47	54.13	13.02	21.28	11.66	55.04	15	18.89	70.95	74.99	-4.037	66.87	61.48	26.307	506.3
"2013-09-20	16:00:00"	14.52	50.15	13.28	21.87	11.73	51.21	14.97	19.49	72.19	76.3	-4.109	61.92	56.89	26.298	611.44
"2013-09-20	17:00:00"	14.8	48.53	12	21.87	11.99	50.03	13.44	18.89	72.44	76.94	-4.503	60.57	54.79	26.297	491.31
"2013-09-20	18:00:00"	12.76	58.57	12.47	20.09	9.97	60.11	13.72	18.3	70.9	73.65	-2.756	63.31	59.47	26.305	97.769
"2013-09-20	19:00:00"	12.31	74.73	12.91	18.3	9.54	74.99	13.17	14.72	69.91	72.54	-2.635	65.04	61.13	26.309	76.669
"2013-09-20	20:00:00"	10.2	71.11	10.4	16.51	7.983	72.12	11.12	12.93	68.99	71.53	-2.537	65.09	61.1	26.313	21.265
"2013-09-20	21:00:00"	5.639	76.76	11.45	9.35	3.509	72.48	16.48	6.964	65.79	67.44	-1.649	74.28	71.18	26.324	0.04867
"2013-09-20	22:00:00"	5.781	58.9	7.349	8.16	3.574	56.39	9.57	6.368	64.58	64.78	-0.198	76.77	77.87	26.346	0
"2013-09-20	23:00:00"	6.291	61.21	9.12	9.35	4.409	61.44	11.32	6.964	63.24	64.27	-1.038	80.2	78.43	26.36	0
"2013-09-21	00:00:00"	6.175	62.12	9.04	8.75	4.401	62.39	10.83	6.964	62.93	63.4	-0.467	81.7	80.9	26.363	0
"2013-09-21	01:00:00"	7.005	60.87	9.13	9.35	4.968	60.91	10.74	7.561	62.01	62.14	-0.122	83	81.9	26.36	0
"2013-09-21	02:00:00"	6.858	53.05	10.57	9.95	5.059	52.28	11.74	8.16	62.01	61.4	0.609	83	83.1	26.364	0
"2013-09-21	03:00:00"	5.981	51.35	8.81	8.75	4.294	52.12	9.97	6.964	61.57	63.84	-2.27	83	81.2	26.362	0
"2013-09-21	04:00:00"	4.789	34.74	25.16	6.964	3.116	25.85	39.39	5.771	60.46	62.6	-2.138	83.4	78.5	26.36	0
"2013-09-21	05:00:00"	5.597	17.69	11.56	8.16	3.567	12.03	16.18	5.771	58.67	58.09	0.584	84.5	83.9	26.351	0.00815
"2013-09-21	06:00:00"	6.038	14.05	12.15	8.75	4.144	7.955	15.26	6.964	58.63	56.51	2.118	85.1	87.5	26.348	0.19585
"2013-09-21	07:00:00"	5.215	2.232	10.77	7.561	3.282	352.9	14.51	5.175	56.77	55.65	1.121	85.6	87.6	26.357	0.34089
"2013-09-21	08:00:00"	5.769	355.1	9.16	8.16	3.795	348.9	9.73	6.368	54.89	55.07	-0.178	87.1	87.8	26.365	4.7628
"2013-09-21	09:00:00"	6.332	13.49	8.44	8.16	4.932	9.85	12.61	7.561	55.62	57.15	-1.532	88.2	88.1	26.375	63.318
"2013-09-21	10:00:00"	5.057	36.59	17	6.964	4.263	36.03	19.08	6.368	58.17	60	-1.829	88	87.9	26.386	215.66
"2013-09-21	11:00:00"	4.553	101.9	27.68	8.16	3.852	103.9	32.36	6.964	60.86	63.6	-2.735	80.9	78.49	26.389	395.49
"2013-09-21	12:00:00"	3.998	148.6	54.73	9.35	3.496	150.6	58.35	8.75	63.32	68.65	-5.335	73.97	65.9	26.387	631.27
"2013-09-21	13:00:00"	3.701	129.8	64.72	7.561	3.299	122.6	63.23	8.16	65.68	74.28	-8.61	70.06	56.08	26.375	838.21
"2013-09-21	14:00:00"	3.474	141.7	74.03	9.35	3.073	133.8	76.44	8.16	68.82	77.89	-9.07	63.08	49.14	26.35	867.25
"2013-09-21	15:00:00"	6.784	127.7	36.81	13.52	5.744	128	41.28	12.93	71.26	80.4	-9.11	58.59	45.02	26.323	808.74
"2013-09-21	16:00:00"	7.022	159	28.37	14.12	5.92	158.2	30.73	12.93	73.05	81.9	-8.84	53.87	41.56	26.298	754.99
"2013-09-21	17:00:00"	6.717	173.8	28.81	11.74	5.705	172.7	31.3	11.14	74.4	83.5	-9.15	50.89	38.65	26.276	622.75
"2013-09-21	18:00:00"	5.386	217	28.77	12.33	4.621	221.8	32.33	11.14	75.55	84	-8.41	47.28	36.86	26.257	424.5

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-21	19:00:00"	6.951	206.9	23.41	13.52	5.767	205.5	27.43	12.33	76.09	82.5	-6.458	47.3	39.03	26.246	293.73	0	
"2013-09-21	20:00:00"	7.798	206.9	12.92	13.52	6.396	203.9	14.8	11.74	74.65	75.74	-1.097	51.14	48.81	26.242	43.188	0	
"2013-09-21	21:00:00"	6.585	200.7	10.17	9.95	5.112	198.5	10	7.561	71.26	72.39	-1.136	60.39	58.44	26.246	0.08361	0	
"2013-09-21	22:00:00"	5.859	196.3	8.94	8.16	4.225	196.4	11.27	6.368	68.71	69.29	-0.586	65.81	65.18	26.253	0	0	
"2013-09-21	23:00:00"	5.743	197.8	10.59	8.16	4.171	195.7	10.48	6.368	67.24	67.62	-0.379	68.24	67.93	26.259	0	0	
"2013-09-22	00:00:00"	7.179	185.2	9.14	10.54	5.302	184.6	12.01	8.16	65.47	65.71	-0.234	71.4	71.27	26.261	0	0	
"2013-09-22	01:00:00"	7.772	176.5	7.831	11.14	5.89	173.4	9.98	9.35	64.05	64.45	-0.405	74.74	74.64	26.258	0	0	
"2013-09-22	02:00:00"	7.208	181.9	7.859	11.14	5.397	177.6	9.35	8.75	63.04	63.18	-0.142	76.34	76.33	26.25	0	0	
"2013-09-22	03:00:00"	5.156	183.7	8.51	8.75	4.4	180.6	12.07	7.561	61.66	61.97	-0.312	79.26	78.87	26.245	0	0	
"2013-09-22	04:00:00"	6.921	172.1	8.67	11.14	5.111	169.5	9.84	8.75	61.08	61.51	-0.428	79.59	79.46	26.231	0	0	
"2013-09-22	05:00:00"	6.835	170.4	8.75	11.14	5.144	168.2	9.92	8.75	60.74	61.16	-0.42	79.22	78.68	26.217	0	0	
"2013-09-22	06:00:00"	5.941	174.1	10.25	9.35	4.207	173.5	12.13	7.561	60.37	60.72	-0.347	80.3	79.9	26.209	0	0	
"2013-09-22	07:00:00"	4.433	187.3	10.24	7.561	2.723	188.9	14.55	5.771	59.84	59.82	0.012	81	80.8	26.207	0	0	
"2013-09-22	08:00:00"	5.338	184.4	9.36	8.16	3.727	182.6	14.56	6.368	59.25	59.31	-0.056	82.8	82.6	26.214	6.8741	0	
"2013-09-22	09:00:00"	6.611	181.6	16.7	12.93	5.083	180.1	20.58	11.14	59.14	60.48	-1.337	84.4	82.7	26.222	138.81	0	
"2013-09-22	10:00:00"	11.14	175.8	7.734	15.31	8.87	172.9	10.71	12.93	63.61	65.97	-2.361	75.03	72.63	26.225	348.38	0	
"2013-09-22	11:00:00"	11.64	178.3	8.58	17.1	9.34	175.3	11.57	14.12	68.36	72.23	-3.868	58.56	54.18	26.228	553.83	0	
"2013-09-22	12:00:00"	13.08	187.4	12.45	19.49	10.47	185.7	15.95	16.51	72.81	76.27	-3.458	39.28	36.29	26.227	723.16	0	
"2013-09-22	13:00:00"	12.9	187.5	17.1	21.28	10.37	187.3	20.01	17.7	75.36	81.4	-6.009	32.06	27.29	26.211	838.02	0	
"2013-09-22	14:00:00"	10.64	168.4	20.9	18.89	8.85	167.3	24.03	18.3	76.74	84	-7.298	29.64	24	26.191	891.47	0	
"2013-09-22	15:00:00"	12.82	166.5	19.38	23.07	10.5	165.1	21.74	18.89	77.81	84.9	-7.128	28.56	23.05	26.162	855.82	0	
"2013-09-22	16:00:00"	13.67	161.3	17.33	23.07	11.07	158.9	17.93	21.28	79.21	86.2	-6.97	25.98	20.89	26.135	789.73	0	
"2013-09-22	17:00:00"	14.83	166.4	14.41	22.47	12.11	164	16.05	20.09	80.2	86.4	-6.199	22.99	18.57	26.111	650.31	0	
"2013-09-22	18:00:00"	16.24	173.3	10.79	23.66	12.97	171.2	13.31	20.09	80.7	85.9	-5.222	20.48	16.89	26.096	462.99	0	
"2013-09-22	19:00:00"	15.63	172.6	9.32	23.07	12.42	169.9	11.7	19.49	80.6	84.7	-4.103	23.25	19.8	26.09	247.59	0	
"2013-09-22	20:00:00"	13.91	174.5	8.75	21.28	10.91	171.7	10.96	17.7	78.17	80.4	-2.214	26.62	24.17	26.096	31.524	0	
"2013-09-22	21:00:00"	9.18	159.3	11.7	15.31	7.111	156.8	12.5	11.74	73.74	73.07	0.669	33.59	33.11	26.101	0.04981	0	
"2013-09-22	22:00:00"	10.69	149.8	7.33	15.31	8.26	147.8	7.653	12.33	69.66	70.86	-1.2	38.78	37.17	26.112	0	0	
"2013-09-22	23:00:00"	10.37	151.4	9.2	17.1	8.07	148.7	9.34	12.93	67.61	68.87	-1.257	41.81	39.73	26.117	0	0	
"2013-09-23	00:00:00"	11.74	151.5	9.37	18.89	9.25	149.1	9.39	14.72	66.1	68.12	-2.02	44.36	41.36	26.111	0	0	
"2013-09-23	01:00:00"	10	161.3	10.17	14.72	8.01	158.6	10.46	14.12	64.99	66.92	-1.935	45.49	42.76	26.104	0	0	
"2013-09-23	02:00:00"	8.57	166.8	10.41	14.72	6.74	164.1	12	11.14	63.54	64.99	-1.452	46.71	44.85	26.092	0	0	
"2013-09-23	03:00:00"	15.24	176.1	6.535	21.87	11.84	173.1	9.36	18.3	64.97	66.66	-1.697	41.3	39.19	26.084	0	0	
"2013-09-23	04:00:00"	13.75	177	7.113	20.09	10.61	174.3	9.95	17.1	64.85	66.12	-1.272	41.61	39.33	26.085	0	0	
"2013-09-23	05:00:00"	15.16	182.4	7.495	21.87	11.85	180.9	10.91	18.3	64.46	65.99	-1.53	44.56	41.55	26.079	0	0	
"2013-09-23	06:00:00"	13.31	184.5	8.19	22.47	10.38	183.7	11.58	18.89	63.33	65.21	-1.877	48.07	44.61	26.08	0	0	
"2013-09-23	07:00:00"	9.6	190.3	8.3	14.72	7.332	191.7	11.92	12.33	61.81	63.81	-1.998	51.73	48.45	26.087	0	0	
"2013-09-23	08:00:00"	8.4	196.3	7.635	11.74	6.457	198.7	9.77	10.54	60.3	62.21	-1.915	55.24	52.12	26.09	4.9514	0	
"2013-09-23	09:00:00"	7.972	220.3	17.27	12.93	6.689	217.9	19.06	12.33	60.77	63.17	-2.401	56.07	52.18	26.105	126.87	0	
"2013-09-23	10:00:00"	8.69	251.8	10.96	12.33	7.085	254.3	14.73	11.14	64.39	68.12	-3.727	51.94	46.4	26.127	331.2	0	
"2013-09-23	11:00:00"	8.16	284	18.86	14.72	5.985	285.4	20.49	10.54	69.72	76.65	-6.928	47.24	38.52	26.136	538.12	0	
"2013-09-23	12:00:00"	9.58	309.7	18.1	16.51	6.607	310.3	20.02	14.72	75.46	83.8	-8.36	36.42	28.99	26.145	711.43	0	
"2013-09-23	13:00:00"	11.02	314.4	22.66	18.89	7.712	314.4	22.77	15.31	79.66	88.2	-8.53	27.27	21.05	26.144	827.81	0	
"2013-09-23	14:00:00"	11.34	294.6	19.89	20.09	7.997	296	20.84	15.91	81.1	90.2	-9.05	24.69	18.57	26.135	878.07	0	
"2013-09-23	15:00:00"	10.43	290.5	23.96	20.09	7.309	291.4	27.5	15.91	83.2	85.3	-2.109	20.7	18.35	26.121	843.06	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-23	16:00:00"	11.92	273.9	20.57	24.26	8.99	277.2	21.93	20.68	84.9	86.9	-2.019	19.3	17.2	26.113	781.65	0
"2013-09-23	17:00:00"	11.44	284.1	17.2	22.47	8.09	286	18.74	17.1	85.7	88.8	-3.155	19.2	16.67	26.108	636.56	0
"2013-09-23	18:00:00"	12.26	293.3	15.77	18.89	8.08	295.4	17.43	15.91	86.2	90.1	-3.88	18.46	15.65	26.109	448.51	0
"2013-09-23	19:00:00"	12.84	302.5	15.29	19.49	8.09	304.8	16.61	15.31	84.9	88.6	-3.78	20.39	17.39	26.12	238.74	0
"2013-09-23	20:00:00"	9.5	320.7	7.405	14.12	6.152	322.5	9.23	10.54	82.5	84.2	-1.726	23.08	21.37	26.134	30.776	0
"2013-09-23	21:00:00"	10.36	328.2	4.399	11.74	5.872	332.1	7.232	7.561	77.85	75.87	1.99	26.34	28.66	26.154	0.04904	0
"2013-09-23	22:00:00"	9.77	321.9	5.405	11.74	4.655	329.2	8.49	6.964	76.92	71.83	5.092	23.76	30.34	26.185	0	0
"2013-09-23	23:00:00"	10.32	342.4	16.96	14.12	6.2	341.5	16.08	11.14	73.62	70.54	3.076	25.86	29.08	26.209	0	0
"2013-09-24	00:00:00"	10.78	342.7	7.577	13.52	6.679	342.2	9.03	9.95	71.79	69.02	2.774	26.33	28.25	26.227	0	0
"2013-09-24	01:00:00"	10.05	332.8	6.506	12.93	5.729	334.8	9.03	8.75	72.63	67.66	4.966	26.64	30.5	26.235	0	0
"2013-09-24	02:00:00"	10.23	333.1	5.967	12.93	6.465	333	8.57	9.35	70.73	66.72	4.008	28.92	31.58	26.237	0	0
"2013-09-24	03:00:00"	10.85	333.1	5.654	14.12	7.178	333.3	8.53	11.74	68	65.24	2.76	31.93	33.65	26.242	0	0
"2013-09-24	04:00:00"	11.34	332.7	6.25	14.72	7.883	332.5	8.64	12.33	66.78	65.25	1.528	33.33	33.97	26.247	0	0
"2013-09-24	05:00:00"	11.77	347.2	10.12	14.72	8.55	345	11.42	12.33	65.89	63.91	1.984	35.07	36.03	26.249	0	0
"2013-09-24	06:00:00"	10.76	350.1	10.15	15.31	7.8	347.5	10.25	12.33	63.03	62.03	1.003	39.26	39.63	26.259	0	0
"2013-09-24	07:00:00"	12.12	4.423	12.39	20.09	8.69	359	13.35	15.91	60.43	60.89	-0.453	45	43.96	26.273	0	0
"2013-09-24	08:00:00"	12.56	15.34	7.066	17.1	9.23	11.65	13.5	14.12	58.74	60.21	-1.463	49.92	46.86	26.298	4.8788	0
"2013-09-24	09:00:00"	12.62	27.63	7.101	17.7	9.97	27.82	11.6	15.31	60.62	62.3	-1.686	54.82	51.27	26.318	131.3	0
"2013-09-24	10:00:00"	13	41.07	9.86	17.1	10.63	41.28	11.94	16.51	67.31	68.22	-0.911	50.61	47.23	26.337	339.2	0
"2013-09-24	11:00:00"	12.61	54.14	12.3	17.1	10.18	54.74	13.67	15.31	72.84	73.54	-0.695	44.03	41.41	26.355	540.49	0
"2013-09-24	12:00:00"	10.73	62.64	16.71	15.31	8.82	63.62	18.43	13.52	78.07	78.26	-0.189	38.24	36.36	26.36	707.93	0
"2013-09-24	13:00:00"	8.57	79.16	21.11	14.72	7.052	78.1	22.27	12.33	82.9	81.9	0.973	31.61	30.57	26.356	820.52	0
"2013-09-24	14:00:00"	6.683	58.54	36.23	12.93	5.601	60.56	38.97	11.74	86.5	85.1	1.418	26.35	25.77	26.341	869.73	0
"2013-09-24	15:00:00"	6.722	67.39	46.79	14.12	5.741	68.49	51.18	12.93	81.2	90.2	-8.99	25.63	19.65	26.318	833.01	0
"2013-09-24	16:00:00"	5.081	102.9	57.22	12.33	4.344	98.4	57.29	11.14	82.1	87.8	-5.7	25.37	20.71	26.291	763.81	0
"2013-09-24	17:00:00"	6.569	49.34	47.62	21.28	5.677	51.32	53.2	25.45	84.2	87.3	-3.021	23.94	20.9	26.272	620.8	0
"2013-09-24	18:00:00"	5.166	86.7	44.07	16.51	4.381	89	48.02	15.91	83.4	89.8	-6.456	23.9	19.13	26.265	433.34	0
"2013-09-24	19:00:00"	6.011	122.3	30.63	12.33	4.849	120.2	28.46	9.95	83.7	84.9	-1.232	23.67	21.61	26.26	225.28	0
"2013-09-24	20:00:00"	7.085	125.6	8.02	10.54	4.722	124.8	10.1	8.75	82.1	82.9	-0.734	26.08	24.9	26.261	29.57	0
"2013-09-24	21:00:00"	7.901	118.7	5.206	9.35	4.075	112.9	9.23	5.771	78.84	75.24	3.597	29.39	32.59	26.266	0.03228	0
"2013-09-24	22:00:00"	8.82	116.4	5.973	11.14	5.234	109.5	9.79	7.561	75.42	72.89	2.521	33.14	35.27	26.278	0	0
"2013-09-24	23:00:00"	8.77	114.2	5.185	11.14	5.254	105	7.435	6.964	72.98	70.32	2.66	35.33	37.8	26.278	0	0
"2013-09-25	00:00:00"	8.91	112.8	5.497	11.14	5.339	102.8	8.32	7.561	71.83	69.61	2.222	35.84	37.81	26.276	0	0
"2013-09-25	01:00:00"	8.99	112.3	5.395	10.54	4.797	96.5	6.869	6.368	70.53	67.52	3.008	37.41	41.66	26.271	0	0
"2013-09-25	02:00:00"	9.56	105.3	6.958	14.72	5.551	94.8	11.19	9.35	68.76	64.22	4.549	40.8	47.37	26.264	0	0
"2013-09-25	03:00:00"	11.8	121.7	6.654	14.72	8.39	121.2	9.29	12.33	69.87	66.63	3.237	43.78	46.75	26.255	0	0
"2013-09-25	04:00:00"	9.04	122.1	7.278	12.93	6.098	119.7	10.18	9.95	70.12	64.85	5.27	45.61	52.3	26.247	0	0
"2013-09-25	05:00:00"	7.972	116.3	6.497	9.95	5.234	110.8	9.15	8.16	68.66	63.53	5.126	47.48	55.12	26.234	0	0
"2013-09-25	06:00:00"	7.929	134	14.03	11.14	5.311	130.8	16.13	8.75	68.57	62.66	5.912	47.26	55.17	26.229	0	0
"2013-09-25	07:00:00"	5.628	121.9	14.12	9.95	3.434	110.2	22.27	6.964	67.94	62.12	5.812	47.61	55.93	26.232	0	0
"2013-09-25	08:00:00"	5.734	121.7	9.12	7.561	3.161	100.4	11.21	4.578	66.16	60.53	5.631	51.63	60.95	26.233	4.521	0
"2013-09-25	09:00:00"	4.634	143.8	19.11	6.964	2.851	132.3	25.64	5.175	68.32	63.43	4.893	49.59	56.54	26.236	128.95	0
"2013-09-25	10:00:00"	8.27	181.1	8.4	13.52	6.568	177.2	11.25	11.74	75.56	73.68	1.877	35.69	36.94	26.234	339.79	0
"2013-09-25	11:00:00"	12.25	184.7	10.94	17.7	9.73	182.7	14.01	15.31	80.3	80.3	-0.055	28.96	27.72	26.235	543.37	0
"2013-09-25	12:00:00"	13.07	192.7	13.78	20.09	10.6	191.2	16.25	16.51	84.2	82.5	1.762	23.64	23.32	26.224	712.94	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-09-25	13:00:00"	11.78	201.2	17.29	18.89	9.78	199.5	19.89	17.1	87	88.8	-1.815	19.95	17.63	26.203	828.98	0
"2013-09-25	14:00:00"	11.29	194.7	17.71	20.09	9.23	192.6	20.58	17.1	89.4	91.6	-2.264	17.82	15.37	26.176	879.63	0
"2013-09-25	15:00:00"	9.38	211.5	21.57	20.09	7.87	211	25.57	17.1	91.6	94.1	-2.516	17.11	14.57	26.149	839.8	0
"2013-09-25	16:00:00"	8.76	226.2	33.46	19.49	7.233	227.1	37.08	17.1	93.2	95.7	-2.494	16.7	14.25	26.12	770.31	0
"2013-09-25	17:00:00"	11.16	205.6	20.08	18.89	9.14	206	22.61	16.51	93.4	95.8	-2.4	17.07	14.51	26.101	622.32	0
"2013-09-25	18:00:00"	11.67	202.6	15.22	18.3	9.44	201.3	16.92	17.7	93.5	95.4	-1.882	17.01	14.62	26.09	429.83	0
"2013-09-25	19:00:00"	11.26	193.4	14.86	19.49	9.04	192.2	17.18	15.91	93.4	91.3	2.149	17.35	16.64	26.08	221.32	0
"2013-09-25	20:00:00"	11.11	175.2	7.584	17.7	8.63	171	10.33	15.31	91.5	87.2	4.311	18.47	19.07	26.079	28.269	0
"2013-09-25	21:00:00"	9.54	162	8.91	14.12	7.23	156.4	9.83	11.74	87.6	82	5.608	20.94	22.59	26.084	0.00421	0
"2013-09-25	22:00:00"	11.3	158.4	9.02	20.68	8.87	154.5	9.54	13.52	84.5	80.2	4.272	23.03	24.01	26.091	0	0
"2013-09-25	23:00:00"	15.5	165.4	9.4	27.84	12.23	162.9	10.37	23.66	79.18	79.1	0.077	34.45	33.05	26.098	0	0
"2013-09-26	00:00:00"	17.78	171.6	7.654	26.05	13.99	169.1	10.06	22.47	78.39	78.44	-0.054	37.82	36.47	26.102	0	0
"2013-09-26	01:00:00"	17.41	172.8	7.214	26.65	13.64	170.2	9.75	21.87	75.61	74.57	1.035	44.56	44.23	26.101	0	0
"2013-09-26	02:00:00"	14.93	176.4	7.031	22.47	11.53	173.6	10.05	18.3	73.26	73.67	-0.408	50.52	48.92	26.097	0	0
"2013-09-26	03:00:00"	12.19	182.5	7.617	17.7	9.51	181.6	11.16	15.31	72.44	72.88	-0.439	52.39	50.46	26.098	0	0
"2013-09-26	04:00:00"	11.09	178.5	7.279	15.91	8.57	175.6	9.71	13.52	71.55	71.42	0.123	54.12	52.88	26.097	0	0
"2013-09-26	05:00:00"	11.38	179.1	7.059	17.1	8.82	177.2	10.21	14.12	69.96	70.16	-0.196	56.81	55.3	26.092	0	0
"2013-09-26	06:00:00"	11.44	178.7	7.023	15.91	8.75	176.6	9.89	13.52	69.69	69.25	0.44	57.45	56.76	26.091	0	0
"2013-09-26	07:00:00"	9.33	183.9	8.76	14.12	7.145	183.4	12.13	12.33	66.82	67.51	-0.688	61.24	59.48	26.102	0	0
"2013-09-26	08:00:00"	7.049	191.8	9.82	10.54	5.328	194.6	13.27	8.75	65.19	66.23	-1.035	64.13	61.97	26.117	4.3424	0
"2013-09-26	09:00:00"	7.599	187.1	8.87	13.52	5.882	187.9	12.58	11.14	65.73	67.3	-1.571	64.28	61.46	26.129	114.05	0
"2013-09-26	10:00:00"	10.78	191.3	9.27	15.31	8.68	191	13.05	13.52	71.78	74.36	-2.578	53.64	49.68	26.145	320.88	0
"2013-09-26	11:00:00"	10.79	188.8	12.53	16.51	8.8	186	15.28	14.12	76.72	80.6	-3.855	43.58	38.43	26.157	516.68	0
"2013-09-26	12:00:00"	9.11	204.4	16.72	14.72	7.482	204.2	19.63	12.93	81.8	85.2	-3.426	35.07	31.43	26.158	683.28	0
"2013-09-26	13:00:00"	9.07	211.8	18.62	14.72	7.553	211.4	23.07	12.93	85.1	90.2	-5.086	31.36	26.65	26.147	797.05	0
"2013-09-26	14:00:00"	9.55	196.7	24.28	18.89	7.993	194.3	27.56	16.51	87.7	89.5	-1.836	28.82	26.23	26.131	847.48	0
"2013-09-26	15:00:00"	11.27	186.1	23.06	20.68	9.36	184.9	26.53	16.51	90.1	92.9	-2.794	25.79	22.79	26.109	813.22	0
"2013-09-26	16:00:00"	14.09	181.2	16.67	25.45	11.42	179.7	19.88	22.47	92.4	95.3	-2.86	21.07	18.25	26.088	746.81	0
"2013-09-26	17:00:00"	14.61	187.7	14.69	24.86	11.72	186.5	17.82	20.68	93.1	97.5	-4.43	19.21	15.8	26.077	609.53	0
"2013-09-26	18:00:00"	14.84	184.3	11.77	25.45	11.79	183.2	15.5	23.66	93.3	97.9	-4.608	17.4	14.05	26.072	424.55	0
"2013-09-26	19:00:00"	14.32	175.8	10.75	20.68	11.36	173.2	12.91	17.7	92.5	95.9	-3.416	19.39	16.25	26.069	215.72	0
"2013-09-26	20:00:00"	13.87	149.8	10.53	20.09	10.83	147.5	11.39	16.51	89.4	89.1	0.308	22.3	20.72	26.075	20.122	0
"2013-09-26	21:00:00"	13.46	148.5	7.826	18.89	10.67	146.3	8.21	15.31	84.5	84.3	0.209	30.12	28.53	26.087	0	0
"2013-09-26	22:00:00"	13.58	147.3	8.09	20.68	10.73	145	8.46	15.91	81.8	81.3	0.489	37.01	35.68	26.108	0	0
"2013-09-26	23:00:00"	14.77	157.7	9.53	21.28	12.01	154.7	10.09	20.09	78.96	79.52	-0.569	46.89	44.44	26.126	0	0
"2013-09-27	00:00:00"	14.59	155.6	9.21	21.87	11.93	153.1	10.11	19.49	77.37	77.53	-0.158	50.25	48.24	26.132	0	0
"2013-09-27	01:00:00"	13.65	159.1	10.09	24.86	11.04	156.2	10.74	18.3	75.59	75.78	-0.192	53.33	51.3	26.137	0	0
"2013-09-27	02:00:00"	12.74	164	9.93	21.28	10.26	160.4	11.04	18.3	73.69	74.76	-1.068	56.02	53.2	26.133	0	0
"2013-09-27	03:00:00"	14.18	169.5	7.885	21.28	11.25	166.9	10.36	18.89	73.91	74.11	-0.199	57.51	55.79	26.128	0	0
"2013-09-27	04:00:00"	13.58	171.4	7.78	21.87	10.73	168.9	9.95	18.3	73.04	73.25	-0.212	60.54	58.84	26.12	0	0
"2013-09-27	05:00:00"	12.33	171.2	7.489	17.1	9.82	169.1	9.7	15.91	71.8	72.62	-0.828	62.88	60.4	26.112	0	0
"2013-09-27	06:00:00"	11.34	167.2	10.1	18.3	9.01	164.2	11.67	16.51	69.66	70.66	-1.001	65.51	63.03	26.108	0	0
"2013-09-27	07:00:00"	11.48	180.6	9.16	17.7	8.94	178.5	12.93	14.72	69.04	69.3	-0.263	67.36	66.07	26.122	0	0
"2013-09-27	08:00:00"	9.81	186.6	11.36	15.31	7.547	186.7	14.4	12.93	67.81	68.64	-0.832	71.15	69.34	26.131	4.7206	0
"2013-09-27	09:00:00"	8.8	181.5	12.93	15.91	6.969	179.1	15.95	12.93	67.73	69.04	-1.318	73.38	70.46	26.14	113.61	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-27	10:00:00"	13.13	184.4	9.6	18.89	10.49	182.2	13.25	16.51	70.85	74.14	-3.288	68.66	62.64	26.149	308.18	0	
"2013-09-27	11:00:00"	11.05	188.3	15.17	16.51	8.97	186.6	19.13	14.12	74.04	78.19	-4.15	62.48	55.26	26.155	501	0	
"2013-09-27	12:00:00"	8.81	190	23.33	15.31	7.384	189.2	27.65	14.72	77.81	79.64	-1.832	53.44	49.54	26.154	664.26	0	
"2013-09-27	13:00:00"	8.17	178.9	27.94	14.12	6.864	177.4	31.69	13.52	81.1	82.9	-1.839	47.06	43.27	26.141	769.77	0	
"2013-09-27	14:00:00"	11.03	182.4	18.97	21.28	9.13	180.8	22.28	18.3	84.3	86.9	-2.553	40.9	37.12	26.119	844.9	0	
"2013-09-27	15:00:00"	13.03	190.5	16.66	23.66	10.47	190.1	20.84	22.47	86.4	89.3	-2.909	37.38	33.56	26.092	788.08	0	
"2013-09-27	16:00:00"	12.15	199.5	20.78	25.45	9.93	197.6	23.27	19.49	87.7	90.1	-2.395	35.17	31.82	26.072	583.22	0	
"2013-09-27	17:00:00"	14.04	189.6	17.47	23.66	11.32	188.1	20.62	19.49	88.2	89.9	-1.717	35.47	32.59	26.06	479.55	0	
"2013-09-27	18:00:00"	13.52	184.7	13.3	23.66	10.75	183.4	17.09	20.09	88.1	91.5	-3.437	36.26	32.35	26.049	221.02	0	
"2013-09-27	19:00:00"	21.33	174.9	8.69	35	16.88	172.2	11.15	29.63	85.3	88	-2.669	44.7	40.23	26.055	97.989	0	
"2013-09-27	20:00:00"	17.48	164.6	10.07	26.65	14.09	161.8	11.36	24.86	79.02	81.7	-2.671	57.28	52.01	26.071	13.253	0	
"2013-09-27	21:00:00"	12.65	165.8	9.7	23.07	10.16	163	11.19	21.28	75.76	78.26	-2.506	64.97	60.11	26.079	0	0	
"2013-09-27	22:00:00"	16.06	170.2	9.35	24.26	12.7	168	11.65	20.09	75.72	77.85	-2.127	68.45	64.05	26.107	0	0	
"2013-09-27	23:00:00"	15.15	171.6	9.59	24.86	11.96	169.6	11.99	20.68	73.92	75.05	-1.134	71.08	68.31	26.116	0	0	
"2013-09-28	00:00:00"	14.95	236.1	43.59	45.13	11.33	239.4	46.9	35.59	72.19	73.18	-0.984	69.47	67.82	26.129	0.02386	0.32	
"2013-09-28	01:00:00"	8.09	163	59.38	20.09	6.317	162.9	63.75	15.91	70	68.91	1.085	79.29	81.8	26.167	0.2003	0.66	
"2013-09-28	02:00:00"	10.07	162.1	16.89	23.07	7.899	160.9	17.9	17.7	69.82	70.46	-0.638	81.4	82	26.155	0.05404	0.08	
"2013-09-28	03:00:00"	10.83	66.84	90.2	27.24	8.34	66.21	90.1	22.47	68.52	70.01	-1.495	83	81.7	26.184	0.03105	0.01	
"2013-09-28	04:00:00"	17.99	10.6	11.92	27.84	13.99	7.826	16.79	21.87	58.82	62.26	-3.437	77.9	73.56	26.18	0.00268	0.2	
"2013-09-28	05:00:00"	12.98	18.82	7.298	20.68	9.9	15.32	13.82	16.51	57.24	59.7	-2.452	72.61	75.35	26.222	0	0	
"2013-09-28	06:00:00"	11.97	4.606	11.84	18.89	9.13	0.189	15.76	17.1	59.74	61.29	-1.554	65.84	66.34	26.243	0	0	
"2013-09-28	07:00:00"	14.87	357.7	14.83	22.47	11.36	353.4	14.86	18.89	61.09	62	-0.907	45.8	47.36	26.263	0	0	
"2013-09-28	08:00:00"	15.7	3.372	11.93	23.66	12.12	358.4	15.5	20.68	60.77	63.17	-2.395	44.96	43.71	26.286	0.50292	0	
"2013-09-28	09:00:00"	14.89	5.99	12.12	22.47	11.43	0.806	15	20.09	60.24	62.25	-2.006	45.81	45	26.308	84.699	0	
"2013-09-28	10:00:00"	19.5	19.86	9.49	28.43	15.2	17.72	15.62	24.86	61.3	65.19	-3.883	47.94	43.62	26.331	318.81	0	
"2013-09-28	11:00:00"	20.02	34.52	9.3	29.03	16.26	34.91	12.19	25.45	62.24	66.07	-3.835	59.23	54.03	26.366	514.08	0	
"2013-09-28	12:00:00"	16.96	48.59	12.11	26.05	13.69	49.77	13.78	22.47	63.25	67.57	-4.324	60.27	54.88	26.403	678.54	0	
"2013-09-28	13:00:00"	16.51	47.34	13.31	23.66	13.41	48.79	15.18	20.68	64.37	68.46	-4.085	54.81	50.45	26.411	791.81	0	
"2013-09-28	14:00:00"	13.46	55.47	15.68	21.28	10.85	56.03	17.72	17.7	65.62	68.98	-3.358	50.29	47.53	26.413	838.29	0	
"2013-09-28	15:00:00"	13.04	58.39	15.57	20.68	10.59	59.15	16.9	18.3	67.51	70.8	-3.292	45.21	42.39	26.398	803.17	0	
"2013-09-28	16:00:00"	10.02	61.2	18.28	17.7	8.15	60.48	19.32	14.12	69	72.25	-3.247	43.37	40.37	26.374	736.13	0	
"2013-09-28	17:00:00"	9.42	40.19	21.1	17.7	7.87	41.61	23.48	16.51	70.09	74.03	-3.946	40.17	37.08	26.358	595.06	0	
"2013-09-28	18:00:00"	8.75	44.38	18.85	14.72	7.32	45.18	20.94	13.52	70.87	75.12	-4.255	37.54	34.26	26.352	411.16	0	
"2013-09-28	19:00:00"	8.91	42.07	15.98	14.12	7.241	42.25	18.4	12.33	70.95	76.66	-5.713	36.79	32.5	26.354	206.86	0	
"2013-09-28	20:00:00"	6.853	40.02	7.038	11.14	4.859	39.93	8.83	9.35	69.51	71.97	-2.458	37.5	37.64	26.367	25.69	0	
"2013-09-28	21:00:00"	5.963	51.67	10.85	8.16	3.287	50.07	15.21	6.368	67.02	65.43	1.586	43.3	51.72	26.388	0	0	
"2013-09-28	22:00:00"	6.184	59.61	7.491	8.75	3.149	56.1	12.6	4.578	64.87	62.9	1.961	50.54	58.62	26.416	0	0	
"2013-09-28	23:00:00"	7.891	83.6	6.697	9.35	4.342	82.4	9.86	6.368	62.13	60.84	1.286	57.72	64.29	26.44	0	0	
"2013-09-29	00:00:00"	7.412	61.7	7.062	9.95	4.327	59.36	9.54	6.964	60.32	59.43	0.886	62.43	66.25	26.447	0	0	
"2013-09-29	01:00:00"	7.696	61.9	6.654	11.14	4.731	59.75	9.89	6.964	58.75	58.26	0.489	64.55	67.3	26.45	0	0	
"2013-09-29	02:00:00"	7.718	57.42	7.137	10.54	4.95	57.68	9.81	8.16	57.34	57.21	0.133	65.76	67.42	26.443	0	0	
"2013-09-29	03:00:00"	7.373	60.48	7.332	11.14	4.692	60.52	9.72	8.16	56.25	56.04	0.217	66.32	67.93	26.43	0	0	
"2013-09-29	04:00:00"	7.002	70.36	4.653	8.16	3.903	59.89	8.79	5.771	55.41	54.64	0.775	66.58	70.44	26.424	0	0	
"2013-09-29	05:00:00"	6.317	81.3	8.35	7.561	3.579	61.07	11.59	5.175	55.4	53.91	1.492	65.17	70.9	26.417	0	0	
"2013-09-29	06:00:00"	5.463	97.2	5.694	7.561	2.863	68.58	9.86	4.578	55.86	54	1.86	62.69	68.84	26.413	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-09-29	07:00:00"	5.172	112.7	11.28	6.368	2.679	86.5	16.99	3.982	55.78	54.42	1.358	63.23	66.91	26.415	0	0
"2013-09-29	08:00:00"	3.628	163	25.65	5.771	1.106	159.1	35.12	2.789	54.76	53.76	1.003	67.87	70.42	26.425	3.4806	0
"2013-09-29	09:00:00"	2.96	226.9	20	5.175	1.676	236.6	20.92	4.578	54.89	55.63	-0.733	70.17	69.72	26.434	122.17	0
"2013-09-29	10:00:00"	5.194	211.2	14.69	8.16	4.517	211.8	18.87	8.16	58.23	60.48	-2.259	65.1	61.72	26.442	329.87	0
"2013-09-29	11:00:00"	6.953	216.1	14.65	11.14	5.95	215.9	17.81	9.95	61.7	64.83	-3.13	57.17	52.58	26.447	528.51	0
"2013-09-29	12:00:00"	6.699	217.7	18.37	11.14	5.773	216.7	20.37	9.95	64.89	68.52	-3.631	49.04	44.55	26.439	694.8	0
"2013-09-29	13:00:00"	8.04	212.3	19.46	14.12	6.893	212.5	21.96	12.93	68	71.53	-3.529	41.9	38.19	26.416	809.13	0
"2013-09-29	14:00:00"	7.721	219.2	23.49	14.12	6.593	219.6	26.86	12.93	70.76	74.65	-3.898	38.55	35.16	26.386	857.95	0
"2013-09-29	15:00:00"	8.59	229.2	22.57	15.91	7.274	229.4	26.86	12.93	73.22	77.17	-3.953	35.76	32.34	26.35	819.91	0
"2013-09-29	16:00:00"	8.22	249.1	26.59	17.7	6.745	253.8	28.98	14.72	75.38	79.54	-4.159	29.68	26.6	26.314	751.06	0
"2013-09-29	17:00:00"	9.33	240	21.71	17.7	7.725	242.6	26	15.91	76.77	80.1	-3.335	28.48	25.7	26.292	605.38	0
"2013-09-29	18:00:00"	8.96	230.6	19.36	15.31	7.431	231.3	23.26	13.52	77.84	80.2	-2.404	26.65	24.34	26.275	419	0
"2013-09-29	19:00:00"	8.95	226.1	16.2	14.72	7.406	224.5	19.06	12.93	77.94	80.6	-2.69	26.76	24.35	26.267	211.9	0
"2013-09-29	20:00:00"	6.615	218	13.62	12.93	5.432	211.6	15.81	9.95	75.65	77.1	-1.451	29.88	28.23	26.265	25.619	0
"2013-09-29	21:00:00"	5.573	201.6	11.27	8.16	3.972	200.5	11.97	6.964	70.33	71.33	-0.993	37.44	36.5	26.268	0	0
"2013-09-29	22:00:00"	6.321	203	12.16	8.75	4.495	206.1	13.59	6.368	68.17	69.36	-1.19	40.42	39.6	26.275	0	0
"2013-09-29	23:00:00"	5.62	198.8	14.69	10.54	4.088	196.4	17.53	7.561	65.75	66.65	-0.903	45.96	44.92	26.284	0	0
"2013-09-30	00:00:00"	5.324	203.3	9.95	8.16	3.457	199.1	13.91	6.368	64.07	63.38	0.692	50.04	52.23	26.287	0	0
"2013-09-30	01:00:00"	5.799	216.3	12.11	8.75	4.534	211.6	15.14	7.561	62.77	64.21	-1.441	53.22	51.53	26.28	0	0
"2013-09-30	02:00:00"	6.188	222.7	14.09	9.95	4.783	223.1	15.04	8.16	61.04	64.42	-3.387	57.78	52.37	26.266	0	0
"2013-09-30	03:00:00"	6.258	217.6	13.55	9.35	4.768	215	15.97	7.561	59.93	63.08	-3.147	60.21	55.38	26.258	0	0
"2013-09-30	04:00:00"	5.613	215.4	12.52	8.16	4.213	212.6	15.25	6.368	59.53	61.97	-2.443	59.07	55.61	26.238	0	0
"2013-09-30	05:00:00"	6.065	235.1	9.44	8.16	4.334	237.8	11.27	6.964	59.45	61.7	-2.25	58.67	56.08	26.22	0	0
"2013-09-30	06:00:00"	6.616	239	8.83	8.75	4.902	241.8	10.99	6.964	58.53	61.54	-3.012	59.95	55.87	26.217	0	0
"2013-09-30	07:00:00"	6.395	247.6	10.52	9.35	4.511	250.8	14.55	7.561	57.46	60.01	-2.555	61.22	57.7	26.216	0	0
"2013-09-30	08:00:00"	6.699	247.5	6.321	8.75	4.428	247.3	10.18	6.368	57.12	58.64	-1.518	60.8	60.09	26.216	3.4691	0
"2013-09-30	09:00:00"	6.948	262.4	10.27	9.35	4.871	264.6	14.18	8.16	58.2	60.63	-2.427	57.18	56.77	26.218	123.61	0
"2013-09-30	10:00:00"	5.821	262.8	9.27	8.75	4.452	263.5	12.04	7.561	63.21	68	-4.786	43.88	39.99	26.219	333.86	0
"2013-09-30	11:00:00"	7.578	257.9	11.49	15.91	6.044	259.1	14.35	12.93	70.1	75.48	-5.382	39.81	34.9	26.218	537.44	0
"2013-09-30	12:00:00"	10.85	272.9	11.87	15.31	8.3	275.4	13.84	12.93	79.21	84.5	-5.261	23.17	20.21	26.214	703.85	0
"2013-09-30	13:00:00"	8.44	260.2	18.53	14.72	6.731	261.6	20.05	11.74	82.9	90	-7.127	18.35	15	26.194	816.12	0
"2013-09-30	14:00:00"	9.55	239	17.87	17.1	7.774	241.6	21.55	14.72	84.6	92.4	-7.796	16.57	12.8	26.174	864.51	0
"2013-09-30	15:00:00"	11.56	252.7	17.7	20.68	9.26	255.8	20.29	18.3	85.9	93	-7.081	16.33	12.83	26.148	822.07	0
"2013-09-30	16:00:00"	11.83	255.2	15.63	20.68	9.4	258.7	20.02	20.68	86.8	93.4	-6.663	14.33	11.16	26.131	756.41	0
"2013-09-30	17:00:00"	10.72	245.5	18.81	18.3	8.78	248.5	21.83	15.31	87.2	94.1	-6.885	13.55	10.36	26.119	608.79	0
"2013-09-30	18:00:00"	9.83	245.5	15.19	17.1	7.915	248	19.64	14.72	87.3	93.9	-6.544	13.12	10.07	26.116	419.68	0
"2013-09-30	19:00:00"	8.64	251.8	10.45	15.91	6.79	254.6	14.23	12.93	86.8	92.7	-5.937	13.21	10.41	26.114	211.23	0
"2013-09-30	20:00:00"	5.596	258.7	11.78	8.16	3.603	263.1	15.47	6.368	84.3	87.4	-3.048	15.22	14.28	26.117	26.109	0
"2013-09-30	21:00:00"	5.032	268.3	9.59	6.964	2.331	280.2	26.32	3.982	82.2	79.6	2.631	14.88	17.57	26.123	0	0
"2013-09-30	22:00:00"	5.29	258.6	11.07	8.16	2.989	266.6	17.34	5.771	78.39	75.81	2.585	19.65	21.87	26.135	0	0
"2013-09-30	23:00:00"	5.739	280.1	7.667	8.75	3.122	306.7	14.51	5.771	76.53	72.11	4.427	21.84	26.98	26.146	0	0
"2013-10-01	00:00:00"	6.094	265.3	44.71	8.16	2.609	271.2	53.35	6.964	73.37	67.74	5.635	25.99	35.62	26.153	0	0
"2013-10-01	01:00:00"	3.61	234.8	26.85	6.368	1.415	256.9	40.19	4.578	70.08	67	3.078	31.21	36.22	26.15	0	0
"2013-10-01	02:00:00"	5.84	280.7	8.38	9.35	2.136	304.5	9.43	3.982	71.77	66.22	5.558	26.61	33.99	26.142	0	0
"2013-10-01	03:00:00"	7.92	186.5	35.15	13.52	5.608	185.6	37.46	11.14	66.47	64.68	1.783	39.68	41.81	26.147	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-01	04:00:00"	6.748	194.4	10.01	11.14	4.76	195.6	13.01	8.16	63.16	61.51	1.648	53.68	54.9	26.144	0	0
"2013-10-01	05:00:00"	6.095	214.2	15.56	9.35	4.608	212.9	17.33	8.16	62.24	60.65	1.587	58.19	59.86	26.138	0	0
"2013-10-01	06:00:00"	4.138	226.1	14.29	6.368	2.751	231.4	15.92	5.175	60.38	59.84	0.536	58.99	59.16	26.144	0	0
"2013-10-01	07:00:00"	4.564	233.9	11.6	8.16	2.997	243.6	15.54	5.771	60.28	59.3	0.976	62.21	63.29	26.153	0	0
"2013-10-01	08:00:00"	5.315	228.5	11.4	8.16	4.169	226.5	13.48	6.368	59.41	59.04	0.364	65.92	65.76	26.166	3.0639	0
"2013-10-01	09:00:00"	4.67	228.7	13.73	6.964	3.605	232.1	16.64	5.771	60.1	60.28	-0.181	68.93	67.72	26.177	117.52	0
"2013-10-01	10:00:00"	4.284	215.4	13.27	6.368	3.814	218.8	16.53	6.368	63.27	64.48	-1.216	69.05	66.13	26.185	324.38	0
"2013-10-01	11:00:00"	3.831	240	19.25	6.368	3.264	239.3	23.77	5.771	70.38	71.38	-1.004	52	49.8	26.196	525.31	0
"2013-10-01	12:00:00"	6.15	239.1	14.51	11.14	5.318	239.7	18.89	10.54	78.82	80.3	-1.463	29.71	27.95	26.194	693.96	0
"2013-10-01	13:00:00"	5.647	228.8	31.38	11.74	4.855	227.3	32.73	10.54	83.6	85.6	-1.974	20.2	18.41	26.189	809.47	0
"2013-10-01	14:00:00"	5.777	256.4	37.91	11.14	4.567	259.4	42.71	10.54	86.8	90.1	-3.36	14.98	13.04	26.175	859.17	0
"2013-10-01	15:00:00"	7.994	242.9	29	16.51	6.516	242.2	33.23	14.12	88.9	90.4	-1.455	12.43	10.96	26.157	824.51	0
"2013-10-01	16:00:00"	9.26	240.9	21.84	17.7	7.731	242.3	24.48	15.31	90	91.2	-1.242	11.27	9.78	26.142	754.13	0
"2013-10-01	17:00:00"	10.51	246.5	18.47	17.7	8.64	249.1	21.72	15.91	90.6	91.5	-0.9	10.83	9.34	26.137	608.57	0
"2013-10-01	18:00:00"	10.66	246.6	20.01	21.28	8.5	248.5	22.3	15.91	91.1	92	-0.902	10.55	9.1	26.134	416.09	0
"2013-10-01	19:00:00"	7.597	244.2	13.85	14.12	6.096	246.7	17.05	12.93	90	92.4	-2.374	12.06	10.26	26.132	202.84	0
"2013-10-01	20:00:00"	5.378	224.7	22.06	9.35	3.737	221.9	27.42	6.964	86.3	90.1	-3.811	14.83	12.77	26.136	23.64	0
"2013-10-01	21:00:00"	4.577	210.5	12.96	6.964	2.492	198.9	18.89	4.578	82.3	81.3	1	15.96	16.94	26.151	0	0
"2013-10-01	22:00:00"	5.333	213.9	14.16	9.35	3.689	207.4	17.38	6.964	78.06	77.4	0.662	19.68	19.84	26.168	0	0
"2013-10-01	23:00:00"	5.389	262.3	11.56	8.75	3.311	269.2	13.38	4.578	75.28	73.95	1.331	21.35	22.86	26.183	0	0
"2013-10-02	00:00:00"	5.157	267.8	29.91	7.561	2.5	274.6	42.22	5.175	73.73	70.59	3.145	23.66	27.87	26.187	0	0
"2013-10-02	01:00:00"	3.577	263.8	15.62	7.561	1.662	292.2	37.74	4.578	72.02	68.19	3.834	24.42	28.85	26.187	0	0
"2013-10-02	02:00:00"	5.91	221.4	64.28	14.72	4.079	185.7	98.1	12.93	70.4	66.4	3.998	25.78	30.81	26.182	0	0
"2013-10-02	03:00:00"	11.39	166.6	9.02	18.89	8.76	163.9	10.29	15.31	68.65	67.34	1.312	47.67	48.06	26.192	0	0
"2013-10-02	04:00:00"	9.37	175.3	9.26	14.12	7.002	173.4	11.08	11.14	68.6	63.53	5.062	63.72	71.31	26.189	0	0
"2013-10-02	05:00:00"	7.967	198	9.81	14.12	5.889	202.9	12.39	11.74	64.7	63.7	1	77.09	79.4	26.183	0	0
"2013-10-02	06:00:00"	4.84	233.4	22.18	7.561	3.023	241	26.43	6.368	62.65	62.08	0.567	81.6	81.9	26.184	0	0
"2013-10-02	07:00:00"	4.698	206	13.32	8.75	3.037	208	16.79	7.561	61.56	61	0.565	83.2	83.4	26.188	0	0
"2013-10-02	08:00:00"	5.124	226.4	14.39	8.75	3.419	228.6	18.89	6.964	61.02	60.21	0.817	85.1	85.4	26.199	3.1533	0
"2013-10-02	09:00:00"	3.974	228.1	22.63	6.368	2.069	234.1	31.85	5.175	61.07	61.16	-0.093	87	86.7	26.216	119.15	0
"2013-10-02	10:00:00"	4.828	200.9	33.63	21.28	4.626	209	22.57	9.95	63.85	65.69	-1.836	83.9	80.4	26.225	261.4	0.1
"2013-10-02	11:00:00"	7.234	203.5	15.23	11.14	5.533	201	40.27	21.28	69.8	72.1	-2.294	57.3	52.98	26.229	528.5	0
"2013-10-02	12:00:00"	5.639	222.6	21.27	9.95	4.825	226.3	23.78	8.75	77.1	78.64	-1.537	31.64	29.56	26.231	700.06	0
"2013-10-02	13:00:00"	6.011	246.9	20.02	9.95	4.971	252.3	23.2	8.75	81.6	84.4	-2.857	24.97	22.52	26.221	816.58	0
"2013-10-02	14:00:00"	4.145	217	54.74	9.35	3.362	224.6	61.28	8.16	85.6	90	-4.388	19.15	16.24	26.201	867.34	0
"2013-10-02	15:00:00"	4.418	282.8	65.06	9.95	3.468	283.4	68.59	9.95	88.2	89.6	-1.366	14.71	13.09	26.177	833.07	0
"2013-10-02	16:00:00"	7.448	226.5	32.69	15.91	6.101	230.2	36.11	14.12	90	94.8	-4.757	10.67	8.44	26.157	759.63	0
"2013-10-02	17:00:00"	8.87	216.8	31.21	23.66	7.384	218.8	32.71	23.66	90.6	95.7	-5.09	9.62	7.176	26.144	610.87	0
"2013-10-02	18:00:00"	8.64	220.6	22.68	15.91	7.073	221.5	27.51	14.12	90.6	95.3	-4.681	9.23	6.924	26.138	417.75	0
"2013-10-02	19:00:00"	8.44	210.9	15.67	14.12	6.739	210.7	18.3	12.93	89.5	90.4	-0.967	9.9	8.38	26.136	202.59	0
"2013-10-02	20:00:00"	6.01	207.6	11.64	8.75	4.304	200.4	10.68	7.561	85.2	86.2	-0.99	13.91	12.81	26.14	22.182	0
"2013-10-02	21:00:00"	4.266	202.2	16.73	6.964	1.919	180.8	20.27	5.175	82.2	80.2	2.011	13.6	14.84	26.153	0	0
"2013-10-02	22:00:00"	4.323	215.3	32.07	11.74	2.205	211.5	44.92	9.95	80.4	77.53	2.878	14.47	16.87	26.169	0	0
"2013-10-02	23:00:00"	4.477	250.7	17.57	6.964	1.806	279.2	57.93	3.386	78.94	75.1	3.843	17.12	20.06	26.182	0	0
"2013-10-03	00:00:00"	11.72	173	13.91	18.89	8.91	171.1	19.1	15.91	74.87	74.28	0.593	44.08	43.7	26.189	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-10-03	01:00:00"	11.02	174.1	8.37	16.51	8.46	173.3	10.84	13.52	72.47	72.12	0.35	63.27	62.91	26.188	0	0
"2013-10-03	02:00:00"	7.046	199.4	10.91	12.33	5.164	204	12.21	8.75	70.17	69.73	0.435	70.16	69.91	26.184	0	0
"2013-10-03	03:00:00"	6.793	197.9	16.14	10.54	5.137	197.5	17.33	8.16	68.68	68.66	0.02	74.8	74.15	26.182	0	0
"2013-10-03	04:00:00"	7.282	192.9	10.38	9.95	5.272	197	12.64	8.16	66.99	67.9	-0.91	78.77	76.86	26.176	0	0
"2013-10-03	05:00:00"	6.52	192.2	10.78	9.95	4.609	196.4	12.92	8.16	65.72	66.04	-0.325	82	80.6	26.169	0	0
"2013-10-03	06:00:00"	5.854	198.8	11.93	8.75	4.228	203.8	13.92	7.561	64.5	64.06	0.444	84.6	84.8	26.17	0	0
"2013-10-03	07:00:00"	6.827	182.6	8.75	9.95	4.914	182.1	11.36	7.561	64.09	63.35	0.743	86.6	87.1	26.169	0	0
"2013-10-03	08:00:00"	6.859	187.6	9.77	11.14	4.923	191	13.09	8.16	63.52	62.79	0.736	87.6	88.3	26.175	2.8307	0
"2013-10-03	09:00:00"	6.886	194.7	14.06	9.95	5.2	194.5	15.14	7.561	63.73	63.03	0.704	88.6	89.3	26.183	109.65	0
"2013-10-03	10:00:00"	7.756	205.1	14.2	12.33	6.405	205.7	15.83	11.74	66.21	66.64	-0.438	88.7	86.5	26.192	306.74	0
"2013-10-03	11:00:00"	8.99	196.9	16.95	12.33	7.33	198.1	20.32	11.74	73.2	72.93	0.274	71.67	66.65	26.194	505.74	0
"2013-10-03	12:00:00"	8.24	209.4	15.29	12.93	6.924	209.3	18.34	11.74	77.91	78.58	-0.663	49.78	47.52	26.193	667.79	0
"2013-10-03	13:00:00"	8.91	212.5	18.38	14.72	7.563	213.1	20.35	13.52	83.2	84	-0.719	32.04	30.17	26.177	776.89	0
"2013-10-03	14:00:00"	11.47	205.3	18.58	20.68	9.43	205.7	20.58	17.7	86.5	87.6	-1.066	24	22.05	26.156	815.48	0
"2013-10-03	15:00:00"	13.33	196.5	17.78	21.87	10.66	197.4	20.18	18.89	87.8	92.4	-4.607	22.62	19.19	26.127	769.01	0
"2013-10-03	16:00:00"	12.4	195.8	18.89	21.87	9.95	197	22.28	17.1	88.3	92.7	-4.338	23.41	19.97	26.102	681.08	0
"2013-10-03	17:00:00"	14.45	197.8	17.04	23.66	11.64	198.2	19.35	20.68	89.4	92.9	-3.481	23.15	19.99	26.082	507.06	0
"2013-10-03	18:00:00"	13.57	204.5	13.11	22.47	10.91	204.8	14.94	20.09	89.1	92.3	-3.236	23.06	20.07	26.07	314.67	0
"2013-10-03	19:00:00"	12.03	198.4	13.78	20.68	9.57	198.9	15.39	17.1	88.6	91.4	-2.754	22.97	20.27	26.063	178.2	0
"2013-10-03	20:00:00"	8.5	252.9	13.86	15.31	6.266	259.8	16.54	14.72	84.9	86.9	-1.963	24.79	22.42	26.07	9.748	0
"2013-10-03	21:00:00"	8.87	216.8	29.18	18.89	6.976	216.3	31	16.51	81.7	82	-0.274	26.94	25.42	26.093	0	0
"2013-10-03	22:00:00"	8.35	188	10.31	13.52	6.178	188.8	13.29	11.74	79.57	80.2	-0.647	30.66	28.99	26.115	0	0
"2013-10-03	23:00:00"	11.59	179	8	18.3	8.81	177.9	10.96	14.12	77.81	78.21	-0.406	50.87	48.54	26.123	0	0
"2013-10-04	00:00:00"	13.49	176.4	6.806	18.3	10.44	174.8	9.6	14.72	76.57	75.09	1.482	60.7	61.57	26.124	0	0
"2013-10-04	01:00:00"	12.85	169.6	7.235	17.7	10.17	167.8	9.52	15.31	74.14	72.98	1.164	64.8	65.22	26.122	0	0
"2013-10-04	02:00:00"	11.36	168.3	7.956	15.91	8.9	167.5	10.22	13.52	71.95	70.92	1.033	66.1	66.39	26.122	0	0
"2013-10-04	03:00:00"	10.64	168.7	8.56	15.31	8.41	168.3	10.5	12.33	70.45	69.39	1.062	69.73	70.3	26.129	0	0
"2013-10-04	04:00:00"	11.11	168.3	8.13	16.51	8.79	167.5	9.61	12.93	69.07	68.04	1.027	72.05	72.46	26.126	0	0
"2013-10-04	05:00:00"	10.13	173	8.82	15.31	7.823	172.8	11.03	12.33	68.24	67.25	0.993	73	73.51	26.12	0	0
"2013-10-04	06:00:00"	6.219	194.1	13.38	11.14	4.478	202	17.77	8.75	66.41	65.75	0.661	75.7	76.07	26.124	0	0
"2013-10-04	07:00:00"	6.5	198.9	12.54	9.95	4.736	204.2	13.79	7.561	65.18	64.65	0.528	76.81	76.68	26.137	0	0
"2013-10-04	08:00:00"	7.524	195.9	13.84	12.93	5.478	198.6	16.67	9.95	64.81	64.1	0.707	76.94	77.1	26.15	1.3519	0
"2013-10-04	09:00:00"	6.403	204.4	13.96	9.95	4.828	203.3	15.67	8.75	64.01	63.43	0.574	78.91	79.37	26.164	43.146	0
"2013-10-04	10:00:00"	7.995	220.3	20.99	11.74	6.506	222.3	23.08	10.54	66.45	64.6	1.851	79.26	80.6	26.182	129.85	0
"2013-10-04	11:00:00"	9.9	214.1	14.26	15.91	8.13	214	17.14	14.72	71	71.58	-0.575	67.79	64.8	26.186	509.05	0
"2013-10-04	12:00:00"	11.12	246.7	17.26	19.49	9.13	251.6	19.78	17.1	77.53	78.01	-0.482	41.46	39.33	26.186	677.05	0
"2013-10-04	13:00:00"	12.79	246.5	14.99	21.87	10.43	250.8	18.41	17.7	83.5	83.8	-0.281	22.14	20.55	26.175	794.59	0
"2013-10-04	14:00:00"	13.81	243.4	17.05	26.05	11.23	246.8	20.93	21.28	86.1	86.2	-0.12	18.12	16.62	26.164	844.34	0
"2013-10-04	15:00:00"	15.48	244	18.45	30.22	12.33	248.3	22.42	22.47	87.6	87.7	-0.043	15.5	14.03	26.141	807.09	0
"2013-10-04	16:00:00"	15.49	249.5	14.23	24.86	12.21	255.1	17.55	21.28	88.4	88.4	-0.046	15.41	13.94	26.123	736.38	0
"2013-10-04	17:00:00"	17.45	238.4	15.77	31.42	14.16	242	18.92	27.84	89.4	89	0.434	12.65	11.12	26.113	594.92	0
"2013-10-04	18:00:00"	18.92	240.6	12.55	28.43	15.49	243.6	15.83	26.65	89.6	87.9	1.649	10.03	8.76	26.117	412.01	0
"2013-10-04	19:00:00"	14.68	240.4	12.58	25.45	11.97	243.7	15.38	25.45	87.5	86.2	1.317	12.7	11.45	26.12	192.48	0
"2013-10-04	20:00:00"	10.13	252.2	10.3	17.1	7.688	256.9	13.73	15.91	82.6	81.7	0.921	16.93	15.76	26.13	18.462	0
"2013-10-04	21:00:00"	8.22	247	27.84	16.51	6.057	246.8	38.42	13.52	78.37	77.43	0.947	20.8	19.8	26.143	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2013-10-04	22:00:00"	12.62	285	12.18	21.28	7.886	290	14.16	16.51	76.14	74.99	1.145	23.46	22.64	26.16	0	0
"2013-10-04	23:00:00"	6.186	188.7	79.5	14.12	4.488	173.5	83.9	10.54	73.48	72.19	1.292	25.72	25.38	26.189	0	0
"2013-10-05	00:00:00"	5.586	163	19.71	12.33	3.562	169.9	33.57	9.95	73.4	71.71	1.697	26.34	26.57	26.211	0	0
"2013-10-05	01:00:00"	5.833	175.3	28.68	10.54	4.145	174.5	36.41	9.35	72.16	70.68	1.48	27.26	27.42	26.222	0	0
"2013-10-05	02:00:00"	11.7	8.59	29.33	20.09	8.53	9.78	30.69	16.51	68.08	66.28	1.798	29.96	30.24	26.239	0	0
"2013-10-05	03:00:00"	14.07	13.12	8.14	23.07	10.43	11.35	13.49	18.89	65.42	62.68	2.735	29.66	30.43	26.24	0	0
"2013-10-05	04:00:00"	20.85	31.62	7.638	29.03	16.5	34.04	10.88	24.26	61.62	63.83	-2.214	35.97	32.42	26.267	0	0
"2013-10-05	05:00:00"	22.36	31.24	7.338	32.61	17.65	33.38	10.57	29.03	57.64	59.7	-2.066	39.14	35.17	26.29	0	0
"2013-10-05	06:00:00"	22.54	30.28	7.118	34.4	17.85	32.35	10.87	28.43	53.84	55.32	-1.48	39.55	36.11	26.317	0	0
"2013-10-05	07:00:00"	20.4	23.11	6.723	31.42	15.85	24.23	12.18	26.65	51.92	53.42	-1.497	40.34	36.97	26.35	0	0
"2013-10-05	08:00:00"	22.22	17.42	7.664	33.21	17.28	17.2	14.29	27.84	49.65	51.97	-2.314	39.29	35.26	26.375	1.5733	0
"2013-10-05	09:00:00"	22.53	20.52	7.238	32.01	17.45	20.68	12.89	29.03	48.17	51.06	-2.89	37.33	32.87	26.401	92.794	0
"2013-10-05	10:00:00"	21.06	27.01	8.22	32.61	16.56	29.07	13.01	27.84	49.96	52.88	-2.917	34.55	30.19	26.426	296.54	0
"2013-10-05	11:00:00"	19.13	31.21	9.26	26.65	15.46	33.39	12.89	25.45	53.25	55.87	-2.619	31.5	27.84	26.44	496.93	0
"2013-10-05	12:00:00"	14.56	28.79	12.67	23.07	11.81	30.26	17.1	20.68	57.92	60.22	-2.3	28.06	24.94	26.449	664.92	0
"2013-10-05	13:00:00"	11.98	33.59	15.16	18.89	9.93	35.55	18.88	20.68	60.54	63.4	-2.862	26.6	23.61	26.44	778.25	0
"2013-10-05	14:00:00"	10.14	36.11	16.68	18.3	8.5	37.43	20.52	15.31	65.14	66.11	-0.971	24.72	22.62	26.421	826.92	0
"2013-10-05	15:00:00"	8.61	23.62	28.11	17.7	7.223	25.16	32.15	15.31	64.07	68.05	-3.98	24.72	21.27	26.393	793.37	0
"2013-10-05	16:00:00"	7.8	41.48	27.52	15.91	6.624	43.69	33.87	13.52	66.14	69.26	-3.12	23.29	20.34	26.372	722.78	0
"2013-10-05	17:00:00"	7.875	24.04	31.72	15.91	6.613	24.69	35.29	14.12	67.35	73.6	-6.254	21.91	17.7	26.364	576.98	0
"2013-10-05	18:00:00"	7.334	45.62	26.89	14.72	6.115	46.96	31	12.93	69.4	70.39	-0.99	20.77	18.73	26.362	388.06	0
"2013-10-05	19:00:00"	6.557	47.05	23.96	12.33	5.359	50.6	26.87	10.54	73.67	69.14	4.522	18.86	19.46	26.368	180.53	0
"2013-10-05	20:00:00"	6.299	71.95	14.79	8.16	3.79	72.79	14.12	6.964	71.07	65.45	5.614	21.26	23.75	26.384	15.811	0
"2013-10-05	21:00:00"	7.425	94	3.153	8.16	3.712	86.1	8.47	5.175	64.52	60.14	4.379	26.08	29.72	26.396	0	0
"2013-10-05	22:00:00"	8.02	107.2	5.114	9.35	3.989	90.5	8.08	5.175	63.81	57.5	6.315	26.9	33	26.411	0	0
"2013-10-05	23:00:00"	6.101	89.8	11.46	8.75	3.59	57.33	22.52	5.175	62.21	58.73	3.483	27.93	31.95	26.427	0	0
"2013-10-06	00:00:00"	4.612	77.66	7.412	6.368	3.262	30.69	11.17	4.578	60.83	54.23	6.597	29.32	35.94	26.434	0	0
"2013-10-06	01:00:00"	5.694	48.07	24.78	11.14	4.086	16.82	10.61	7.561	60.47	51.19	9.28	30.74	41.02	26.433	0	0
"2013-10-06	02:00:00"	8.7	8.4	7.161	11.74	5.133	5.833	11.35	8.75	53.01	48.22	4.789	38.14	45.25	26.436	0	0
"2013-10-06	03:00:00"	7.47	8.36	7.767	9.95	4.314	5.529	15.02	6.964	51.08	48.56	2.512	39.97	44.65	26.437	0	0
"2013-10-06	04:00:00"	8.62	7.623	3.922	10.54	4.59	5.876	8.45	5.771	51.8	48.96	2.848	37.43	44.32	26.43	0	0
"2013-10-06	05:00:00"	8.93	2.554	4.829	10.54	4.674	2.938	8.6	6.368	48.91	48.08	0.822	41.19	45.04	26.433	0	0
"2013-10-06	06:00:00"	6.853	15.51	6.158	9.35	4.403	12.28	9.7	5.771	51.73	43.97	7.757	37.71	49.3	26.439	0	0
"2013-10-06	07:00:00"	4.341	28.99	5.256	6.368	3.919	10.91	8.98	5.771	54.67	43.27	11.4	35.5	50.45	26.451	0	0
"2013-10-06	08:00:00"	4.806	19.87	16.79	9.95	4.137	7.963	8.61	5.771	52.87	41.9	10.97	36.33	54.05	26.459	2.0712	0
"2013-10-06	09:00:00"	3.9	353.3	16.52	8.16	2.431	350.7	23.9	5.175	52.19	45.06	7.13	38.24	51.34	26.475	105.17	0
"2013-10-06	10:00:00"	2.776	244.1	32.23	5.771	2.189	246.9	35	5.175	59.18	56.35	2.836	34.79	35.6	26.494	314.47	0
"2013-10-06	11:00:00"	4.572	233.5	18.91	7.561	3.922	237.3	21.5	6.964	66.41	62.34	4.064	27.39	29.05	26.505	519.99	0
"2013-10-06	12:00:00"	5.559	263.5	29.7	10.54	4.342	266.4	33.43	8.75	70.38	70.03	0.345	23.49	23.3	26.501	690.08	0
"2013-10-06	13:00:00"	4.314	245.3	53.37	9.35	3.63	243.5	61.36	8.75	74.08	74.96	-0.889	17.3	15.46	26.491	807.97	0
"2013-10-06	14:00:00"	4.342	208.1	70.03	10.54	3.702	209.5	72.4	9.95	78.02	73.26	4.766	13.57	14.01	26.477	855.02	0
"2013-10-06	15:00:00"	5.125	221.3	60.65	12.33	4.37	218	66.69	11.14	79.27	76.59	2.686	12.73	12.53	26.45	811.88	0
"2013-10-06	16:00:00"	5.687	228	43.96	12.93	4.642	228.8	49.98	10.54	80.3	78.79	1.527	12.54	11.93	26.426	737.7	0
"2013-10-06	17:00:00"	5.887	229.6	36.72	12.33	4.859	233.1	42.89	11.14	80.7	76.94	3.715	11.93	11.87	26.416	588.68	0
"2013-10-06	18:00:00"	5.042	244.7	73.21	11.14	4.046	239.6	72.53	9.95	80.4	78.62	1.764	10.78	10.03	26.408	394.68	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-06	19:00:00"	5.187	216.5	24.82	9.95	4.178	216.7	28.2	9.95	80.5	75.57	4.906	10.93	11.16	26.408	180.19	0	
"2013-10-06	20:00:00"	3.969	208.8	12.87	6.368	2.859	204.2	11.74	5.175	76.27	73.47	2.798	13.79	13.95	26.417	14.648	0	
"2013-10-06	21:00:00"	5.019	209.9	15.68	8.16	3.543	210.8	16.58	6.368	71.61	69.51	2.099	16.48	16.34	26.428	0	0	
"2013-10-06	22:00:00"	6.068	247.9	13.06	9.35	4.079	254.7	15.28	6.368	69.33	63.97	5.353	17.98	19.8	26.442	0	0	
"2013-10-06	23:00:00"	6.133	263.1	7.896	8.16	4.219	271.1	8.85	6.368	65.78	62.51	3.267	21.32	22.3	26.452	0	0	
"2013-10-07	00:00:00"	5.251	268.7	12.65	7.561	2.744	283.6	22.97	4.578	64.06	60.25	3.817	20.44	23.82	26.455	0	0	
"2013-10-07	01:00:00"	6.884	298.7	9.07	8.16	3.376	309.7	9.13	5.175	61.5	59.01	2.488	20.75	24.33	26.45	0	0	
"2013-10-07	02:00:00"	6.832	293.3	5.159	8.16	3	309.1	3.896	4.578	59.64	55.63	4.006	21.7	26.45	26.445	0	0	
"2013-10-07	03:00:00"	8.27	324.9	21.08	10.54	4.038	325.4	21.68	8.16	57.31	53.2	4.102	24.5	29.21	26.445	0	0	
"2013-10-07	04:00:00"	9.2	354.4	10.4	11.14	4.84	358	11.4	6.964	54.6	51.03	3.569	27.02	31.55	26.444	0	0	
"2013-10-07	05:00:00"	9.48	347.2	4.729	11.74	4.809	353.3	10.29	6.368	57.03	51.09	5.944	24.96	30.95	26.441	0	0	
"2013-10-07	06:00:00"	9.08	327.6	5.991	11.14	3.9	322.6	11.71	5.771	57.39	51.86	5.534	23.64	29.76	26.447	0	0	
"2013-10-07	07:00:00"	10.03	322.6	7.173	11.74	4.848	323.6	7.822	6.964	55.49	52.42	3.067	24.83	29.31	26.45	0	0	
"2013-10-07	08:00:00"	8.32	344.3	8.17	10.54	4.196	353.3	15.17	5.771	54.93	49.63	5.301	26.11	32.11	26.452	1.8594	0	
"2013-10-07	09:00:00"	7.863	350.6	8.51	10.54	4.524	357.8	9.99	6.368	58.85	54.09	4.758	25.26	29.92	26.468	103.27	0	
"2013-10-07	10:00:00"	7.262	340.7	11.39	10.54	5.691	340.7	12.91	9.35	68.53	65.54	2.989	20.17	21.13	26.48	311.06	0	
"2013-10-07	11:00:00"	5.494	322.9	24.93	9.35	4.292	323.5	25.2	8.75	74.3	73.74	0.557	16.18	15.8	26.486	515.61	0	
"2013-10-07	12:00:00"	3.834	244.3	48.83	9.95	3.28	247.1	53.07	7.561	78.61	75.57	3.04	14.18	14.23	26.481	681.91	0	
"2013-10-07	13:00:00"	3.063	182.3	67.82	5.771	2.784	183.8	74.11	5.771	82.1	80.3	1.826	11.81	10.9	26.468	802.62	0	
"2013-10-07	14:00:00"	4.072	246.5	55.08	9.95	3.407	252.9	60.14	8.75	84.6	80.1	4.555	10.34	10.26	26.447	847.54	0	
"2013-10-07	15:00:00"	5.519	244	57.67	12.93	4.68	253	61.38	12.33	84.8	85.2	-0.41	10.28	8.96	26.418	805.17	0	
"2013-10-07	16:00:00"	5.947	220.9	51.71	11.14	5.006	224.8	52.83	9.95	85.8	83.3	2.52	10.16	9.53	26.394	731.43	0	
"2013-10-07	17:00:00"	7.083	203.7	35.16	15.31	5.797	205.4	37.42	12.93	84.9	87.1	-2.114	10.64	8.72	26.376	582.29	0	
"2013-10-07	18:00:00"	6.969	188.8	28.22	12.33	5.695	190.4	33.76	10.54	85.5	86.2	-0.707	10.45	8.72	26.361	388.45	0	
"2013-10-07	19:00:00"	7.604	183.9	15.26	12.93	6.011	185	18.11	11.14	84.7	79.27	5.461	11	11.26	26.355	176.81	0	
"2013-10-07	20:00:00"	5.639	178.7	7.088	8.16	3.904	176.7	8.66	6.368	81.8	75.25	6.525	13.22	14.73	26.354	13.149	0	
"2013-10-07	21:00:00"	7.137	184.3	8.41	11.74	4.933	185.7	11.29	9.35	76.83	72.94	3.893	15.7	16.3	26.359	0	0	
"2013-10-07	22:00:00"	6.832	187.7	13.68	11.74	4.832	192	21.12	9.35	73.89	71.05	2.838	16.94	17.1	26.371	0	0	
"2013-10-07	23:00:00"	4.074	190.8	12.97	6.964	2.328	200.9	20.93	3.982	69.15	66.51	2.645	19.22	19.63	26.38	0	0	
"2013-10-08	00:00:00"	4.669	182.5	9.62	8.75	2.119	174.8	11.32	5.175	68.79	63.38	5.408	19.51	22.35	26.374	0	0	
"2013-10-08	01:00:00"	9.63	176.4	7.04	13.52	6.967	174.9	9.47	10.54	68.48	63.42	5.063	20.3	22.43	26.36	0	0	
"2013-10-08	02:00:00"	6.343	182.5	8.95	11.74	4.251	182.4	10.57	8.75	64.94	61.7	3.244	23.75	24.78	26.345	0	0	
"2013-10-08	03:00:00"	6.156	185.1	8.03	9.35	4.013	186.3	10.09	6.368	63.73	59.73	3.998	25.09	26.98	26.339	0	0	
"2013-10-08	04:00:00"	6.162	182.4	8.27	9.35	3.958	182.9	9.97	6.368	63.23	58.77	4.46	25.51	27.87	26.332	0	0	
"2013-10-08	05:00:00"	6.479	187.2	8.61	9.95	4.253	190.6	11.2	7.561	61.87	58.39	3.48	26.93	28.64	26.321	0	0	
"2013-10-08	06:00:00"	6.346	184.4	8.48	9.95	4.196	186.8	11.2	6.964	61.1	57.75	3.353	28.11	29.69	26.319	0	0	
"2013-10-08	07:00:00"	7.301	174.5	7.35	10.54	5.102	175	9.27	8.16	60.63	56.79	3.84	29.28	31.42	26.316	0	0	
"2013-10-08	08:00:00"	7.863	172.8	9.07	12.33	5.698	174.9	10.99	9.35	59.85	56.76	3.085	30.79	32.45	26.309	3.324	0	
"2013-10-08	09:00:00"	6.401	192.7	12.94	11.74	4.418	195.3	14.71	8.75	60.15	58.33	1.823	31.1	31.99	26.314	113.11	0	
"2013-10-08	10:00:00"	9.21	180.7	8.95	15.91	7.102	179.8	12.17	12.93	67.22	66.25	0.973	26.57	26.34	26.318	312.31	0	
"2013-10-08	11:00:00"	12.75	183.5	10.18	19.49	10.08	184	14.29	16.51	72.59	73.13	-0.539	20.91	19.46	26.32	450.63	0	
"2013-10-08	12:00:00"	12.73	180	10.13	17.7	10.03	180.4	13.83	14.72	75.97	77.3	-1.337	18.33	16.43	26.314	533.59	0	
"2013-10-08	13:00:00"	11.35	186.6	11.55	16.51	9.14	188.6	15.89	14.72	79.24	81.1	-1.823	16.1	14.08	26.3	806.64	0	
"2013-10-08	14:00:00"	9.44	197.8	18.95	17.7	7.86	197.7	21.18	14.12	83.5	84.4	-0.955	12.14	10.37	26.275	837.69	0	
"2013-10-08	15:00:00"	9.17	186.4	22.4	17.1	7.598	186.6	26.21	13.52	86.1	83	3.14	9.66	8.99	26.243	743.28	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-08	16:00:00"	10.79	183.1	15.65	20.68	8.82	183.2	18.21	17.7	87.2	86.3	0.901	8.9	7.745	26.217	748.78	0	
"2013-10-08	17:00:00"	10.01	172.2	15.93	18.3	8.18	171.3	18.5	15.31	87.7	86.8	0.879	9.43	8.24	26.199	585.69	0	
"2013-10-08	18:00:00"	12.56	172.3	14.57	20.09	10.12	172	17.03	17.1	87.3	86.4	0.97	10.06	8.78	26.184	393.4	0	
"2013-10-08	19:00:00"	13.39	172.9	8.03	19.49	10.51	172	10.56	16.51	86.3	85.1	1.192	11.53	10.35	26.176	172.01	0	
"2013-10-08	20:00:00"	9.94	164.6	9.39	14.72	7.567	162	10.93	12.33	83.5	79.68	3.805	14.23	14.2	26.178	11.581	0	
"2013-10-08	21:00:00"	11.47	149.5	8.08	17.1	8.87	148.3	8.64	13.52	79.08	76.57	2.503	19.48	19.11	26.188	0	0	
"2013-10-08	22:00:00"	10.84	148	8.03	15.91	8.41	147.3	8.27	12.93	75.73	74.12	1.614	23.2	22.47	26.202	0	0	
"2013-10-08	23:00:00"	9.19	150.6	10.04	14.72	7.065	149.5	10.06	12.93	73.14	70.58	2.561	25.63	25.79	26.21	0	0	
"2013-10-09	00:00:00"	11.55	165.7	9.96	17.1	9.08	164.5	11.25	14.72	71.15	68.17	2.973	27.84	28.46	26.211	0	0	
"2013-10-09	01:00:00"	12.37	172.1	7.713	19.49	9.5	171.5	10.46	16.51	69.64	66.38	3.256	30.63	31.93	26.208	0	0	
"2013-10-09	02:00:00"	9.99	171.1	8.86	15.31	7.745	169.5	10.66	12.93	68.5	63.74	4.761	32.26	34.79	26.201	0	0	
"2013-10-09	03:00:00"	12.58	173.1	11.75	18.89	9.72	173.5	14.83	14.72	66.8	64.19	2.612	33.55	34.68	26.191	0	0	
"2013-10-09	04:00:00"	9.97	179.2	10.8	15.31	7.652	179.5	14.13	11.74	65.99	62.57	3.417	34.35	36.17	26.194	0	0	
"2013-10-09	05:00:00"	10.44	179.5	10.12	15.91	7.98	180	13.71	13.52	65.57	62.48	3.084	34.83	36.58	26.19	0	0	
"2013-10-09	06:00:00"	9.77	182.1	10	15.31	7.43	182.8	14.16	12.33	65.36	63.03	2.332	35.88	37.14	26.195	0	0	
"2013-10-09	07:00:00"	10.4	179.2	17.77	16.51	8.05	179.2	20.85	13.52	65.4	64.88	0.512	36.09	35.41	26.194	0	0	
"2013-10-09	08:00:00"	7.301	196.4	15.43	11.74	5.475	198.2	17.14	9.35	63.65	60.93	2.718	38.53	40.28	26.204	2.0687	0	
"2013-10-09	09:00:00"	6.805	198.3	17.67	10.54	5.151	200.6	19.58	8.16	63.21	58.19	5.023	40.21	44.92	26.213	44.404	0	
"2013-10-09	10:00:00"	10.51	184.8	9.27	17.7	8.28	185.5	13.01	14.72	66.17	62.49	3.687	38.79	41.94	26.223	282.82	0	
"2013-10-09	11:00:00"	12.76	192.7	9.7	17.1	10.07	195.2	13.19	14.72	70.36	71.34	-0.985	34.62	32.82	26.236	424.97	0	
"2013-10-09	12:00:00"	11.64	199.9	12.94	18.3	9.39	202.6	15.38	14.72	75.18	76.72	-1.542	29.91	27.67	26.243	573.42	0	
"2013-10-09	13:00:00"	10.24	214.1	17.6	18.89	8.49	215.3	20.84	17.7	80.4	81.3	-0.935	24.83	22.84	26.24	805.83	0	
"2013-10-09	14:00:00"	9.67	239.5	26.73	15.91	7.952	242.1	31.43	14.72	84.8	83.6	1.185	20.38	19.75	26.223	777.61	0	
"2013-10-09	15:00:00"	8.66	200.7	30.61	18.3	7.139	201.2	36.25	15.91	87.7	85.3	2.346	18.47	18.14	26.196	683.66	0	
"2013-10-09	16:00:00"	9.89	191	20.87	21.87	8.1	190	24.43	18.89	88.1	85.9	2.168	18.29	17.87	26.184	483.7	0	
"2013-10-09	17:00:00"	10.53	195.5	17.76	17.7	8.44	197.8	21.34	16.51	88.6	87.4	1.164	17.15	16.17	26.172	499.4	0	
"2013-10-09	18:00:00"	11.3	182.3	16.54	18.89	9.07	182.6	19.52	15.91	89.7	87.9	1.859	16.33	15.6	26.16	374.79	0	
"2013-10-09	19:00:00"	9.67	161.7	11.86	16.51	7.812	160.4	13.14	14.72	89.5	85.4	4.061	16.97	17.11	26.161	157.15	0	
"2013-10-09	20:00:00"	7.984	157	9.8	12.33	5.978	154.4	10.49	9.95	86.4	80.4	6.078	19.46	21.16	26.171	9.7054	0	
"2013-10-09	21:00:00"	10.36	153.8	8.4	16.51	8.03	151.9	8.58	12.33	80.7	76.56	4.13	26.78	28.21	26.188	0	0	
"2013-10-09	22:00:00"	11.41	151.8	9.26	16.51	8.98	151	9.19	14.12	76.41	74.63	1.779	34.64	34.66	26.203	0	0	
"2013-10-09	23:00:00"	11.86	157.9	10.11	18.89	9.47	156.1	10.31	15.91	73.3	72.12	1.174	40.86	40.88	26.213	0	0	
"2013-10-10	00:00:00"	11.8	157.9	10.57	18.89	9.45	156	11.06	15.91	71.16	67.49	3.669	45.25	48.13	26.217	0	0	
"2013-10-10	01:00:00"	12.34	167.1	8.86	17.7	9.76	166.4	10.61	14.72	69.94	65.83	4.108	49.38	53.66	26.21	0	0	
"2013-10-10	02:00:00"	11.92	157.1	10.91	22.47	9.5	156.1	11.71	18.89	65.94	66.03	-0.095	56.54	55.23	26.2	0	0	
"2013-10-10	03:00:00"	10.07	171.2	9	16.51	7.81	171.4	11.2	11.74	64.13	65.62	-1.495	59.82	57.27	26.199	0	0	
"2013-10-10	04:00:00"	9.57	171.9	8.42	13.52	7.456	170.5	10.66	11.14	64.73	64.33	0.41	59.62	59.14	26.201	0	0	
"2013-10-10	05:00:00"	10.76	167.8	8.2	15.31	8.42	168.1	10.22	12.93	65.84	63.15	2.688	57.55	59.78	26.192	0	0	
"2013-10-10	06:00:00"	12.6	171.7	7.29	18.3	9.66	170.6	9.55	15.31	64.56	62.99	1.569	55.82	57.3	26.189	0	0	
"2013-10-10	07:00:00"	13.1	170.5	6.731	18.3	10.2	169.5	8.99	14.72	62.21	62.32	-0.115	59.86	58.71	26.189	0	0	
"2013-10-10	08:00:00"	11.04	172.9	7.792	17.1	8.48	171.9	10.14	14.72	61.54	62.93	-1.39	65.3	62.79	26.186	1.3872	0	
"2013-10-10	09:00:00"	6.855	190.4	13.54	12.33	5.228	191.4	15.76	9.35	60.76	61.18	-0.429	68.51	66.89	26.201	86.385	0	
"2013-10-10	10:00:00"	12.97	178	7.897	20.09	10.22	176.9	11.64	16.51	64.45	66.9	-2.447	62.32	58.16	26.204	277.18	0	
"2013-10-10	11:00:00"	12.32	183.7	10.3	17.1	9.76	184.7	14.33	15.31	68.45	71.14	-2.693	53.29	48.55	26.204	475.23	0	
"2013-10-10	12:00:00"	13.31	182	12.27	20.68	10.57	181.9	16.17	17.1	72.66	75.46	-2.805	45.19	40.54	26.196	638.69	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-10	13:00:00"	13.89	183.9	11.61	22.47	11.22	184.2	15.71	20.68	77.92	80.1	-2.146	37.95	34.54	26.18	749.17	0	
"2013-10-10	14:00:00"	14.14	187	15.53	27.24	11.44	187.1	19.22	24.26	80.5	83.5	-3.006	34.1	30.48	26.153	794.49	0	
"2013-10-10	15:00:00"	15.19	190.3	16.05	30.82	12.16	192.4	18.92	25.45	82.1	86.2	-4.086	31.65	27.41	26.118	755.58	0	
"2013-10-10	16:00:00"	16.29	192.9	15.4	27.24	13.01	194.1	17.91	24.86	85.2	88.5	-3.314	27.95	24.24	26.087	685.01	0	
"2013-10-10	17:00:00"	17.33	192.2	14.01	27.84	13.72	192.7	16.79	23.07	86	89.3	-3.355	26.67	23.01	26.069	536.29	0	
"2013-10-10	18:00:00"	18.02	178.6	11.54	30.22	14.24	178.5	15	25.45	86.5	89	-2.44	28.98	25.75	26.054	344.25	0	
"2013-10-10	19:00:00"	17.78	164.9	10.66	27.84	14.29	163.4	12.13	22.47	85.7	86.9	-1.228	31.54	29.03	26.041	127.32	0	
"2013-10-10	20:00:00"	15.7	161.6	9.75	24.86	12.57	160.3	10.6	21.87	81.6	82.5	-0.882	38.22	35.74	26.048	8.5238	0	
"2013-10-10	21:00:00"	17.86	167.1	8.5	28.43	14.13	166.3	10.08	24.86	76.56	78.46	-1.901	45.26	41.49	26.057	0	0	
"2013-10-10	22:00:00"	20.06	172.3	8.16	30.82	15.52	171	10.49	23.66	75.6	75.84	-0.245	48.44	46.46	26.08	0	0	
"2013-10-10	23:00:00"	19.67	174.2	6.84	26.65	15.32	173.1	9.7	21.87	72.3	74.93	-2.626	55.36	50.65	26.106	0	0	
"2013-10-11	00:00:00"	13.31	184.4	10.44	22.47	10.31	185.9	14.5	18.3	69.59	73.52	-3.933	61.83	54.63	26.13	0	0	
"2013-10-11	01:00:00"	8.53	195.2	11.02	13.52	6.566	198.8	12.99	11.14	67.6	71.65	-4.051	66.42	58.73	26.141	0	0	
"2013-10-11	02:00:00"	7.273	197.9	10.92	11.74	5.432	200.4	12.6	9.35	65.97	69.7	-3.732	69.7	62.27	26.141	0	0	
"2013-10-11	03:00:00"	5.81	213.6	24.01	11.74	4.357	216.4	27.6	9.95	64.66	68.06	-3.398	72.16	65.27	26.145	0	0	
"2013-10-11	04:00:00"	5.559	251.8	25.07	9.95	3.682	264.3	29.4	7.561	63.16	66.05	-2.892	75.1	67.87	26.147	0	0	
"2013-10-11	05:00:00"	9.43	332	43.11	16.51	6.466	332.4	37.86	11.14	61.18	60.63	0.55	67.96	67.06	26.158	0	0	
"2013-10-11	06:00:00"	8.57	18.18	7.54	11.14	5.531	15.79	15.38	8.16	55.72	54.1	1.619	56.82	60.04	26.173	0	0	
"2013-10-11	07:00:00"	9.36	17.36	9.09	12.33	5.945	14.39	14.91	9.35	54.03	52.35	1.677	52.14	55.26	26.191	0	0	
"2013-10-11	08:00:00"	9.66	13.05	6.375	11.74	6.114	10.36	12.23	9.35	53.11	50.27	2.835	48.76	53.12	26.204	1.2156	0	
"2013-10-11	09:00:00"	9.28	8.22	11.87	14.12	6.638	5.049	13.89	10.54	53.26	52.3	0.956	44.65	45.34	26.219	88.463	0	
"2013-10-11	10:00:00"	9.72	6.177	12.62	15.31	7.797	4.563	16.21	12.93	59.96	61.02	-1.061	33.14	31.54	26.238	287.82	0	
"2013-10-11	11:00:00"	5.518	351.6	40.57	11.74	4.612	354.1	48.37	10.54	65.24	66.51	-1.264	27.53	25.39	26.248	489.82	0	
"2013-10-11	12:00:00"	4.002	238	77.48	10.54	3.358	233.2	82.5	9.95	69.12	71	-1.88	25.29	22.93	26.245	653.42	0	
"2013-10-11	13:00:00"	7.909	229.3	24.99	14.12	6.58	234.5	28.16	12.93	72.88	75.7	-2.825	23.53	20.71	26.237	762.41	0	
"2013-10-11	14:00:00"	9.18	211.6	23.13	20.09	7.654	213	27.87	15.91	75.42	77.91	-2.484	22.69	20	26.216	809.65	0	
"2013-10-11	15:00:00"	11.93	237.4	22.23	24.86	9.88	241.1	24.59	22.47	77.32	81.3	-3.992	20.98	17.7	26.187	771.66	0	
"2013-10-11	16:00:00"	16.18	247.4	15.74	27.24	12.93	252.3	19.2	21.87	78.55	82.6	-4.027	20.93	17.44	26.172	690.84	0	
"2013-10-11	17:00:00"	15.41	248.6	14.31	27.84	12.49	253.1	17.66	21.87	80.8	82.9	-2.171	20.84	18.31	26.166	539.34	0	
"2013-10-11	18:00:00"	13.93	236.6	17.5	26.05	11.31	240.3	20.82	21.87	80	82.9	-2.901	22.25	19.26	26.157	346.8	0	
"2013-10-11	19:00:00"	14.9	244.7	12.8	24.86	12.09	249.8	15.36	20.68	80.4	82.2	-1.781	21.48	19.18	26.162	144.97	0	
"2013-10-11	20:00:00"	11.71	246.6	8.72	20.09	9.32	250.3	12.36	17.1	78.11	80	-1.916	22	19.52	26.178	8.0548	0	
"2013-10-11	21:00:00"	9.95	267	13.28	18.89	7.008	272.9	15.27	14.72	73.58	73.76	-0.18	25	23.59	26.19	0	0	
"2013-10-11	22:00:00"	10.78	313.3	11.91	18.89	6.237	318.7	11.53	12.93	69.55	69.56	-0.008	28.36	27.54	26.205	0	0	
"2013-10-11	23:00:00"	11.9	312.6	13.71	19.49	7.145	316.7	14.27	15.31	69.02	73.17	-4.15	28.4	24.3	26.211	0	0	
"2013-10-12	00:00:00"	8.16	309.1	12.09	11.74	4.064	318.1	17.71	6.964	65.84	69.14	-3.293	31.49	27.78	26.223	0	0	
"2013-10-12	01:00:00"	6.325	307.1	9.66	9.95	2.991	307.9	14.51	6.368	64.43	64.53	-0.099	33.14	32.7	26.231	0	0	
"2013-10-12	02:00:00"	2.445	337.5	83.3	6.368	1.779	237	94.8	3.982	63	62.02	0.982	33.33	34.81	26.246	0	0	
"2013-10-12	03:00:00"	6.564	34.15	25.1	12.93	4.193	27.71	30.19	8.16	63.18	61.04	2.133	30.27	34.1	26.256	0	0	
"2013-10-12	04:00:00"	8.56	25.89	5.163	11.14	5.048	25.75	9.13	7.561	59.42	61.75	-2.331	32.3	30.26	26.264	0	0	
"2013-10-12	05:00:00"	8.49	12.67	6.662	10.54	4.43	8.69	12.63	6.368	56.77	57.98	-1.209	33.82	33.26	26.268	0	0	
"2013-10-12	06:00:00"	10.63	7.579	4.53	12.33	6.136	4.134	10.17	8.75	55.79	56.66	-0.872	31.81	32.4	26.28	0	0	
"2013-10-12	07:00:00"	9.93	14.4	4.971	11.74	6.222	11.98	10.82	8.16	55.13	57.39	-2.257	32.18	29.8	26.301	0	0	
"2013-10-12	08:00:00"	9.27	13.36	4.387	11.74	5.646	9.19	9.89	8.16	52.95	55.39	-2.441	34.41	31.93	26.316	1.1142	0	
"2013-10-12	09:00:00"	10.7	10.42	5.882	14.72	7.725	8.36	11.76	12.93	54	57.59	-3.588	34.9	31.71	26.334	86.494	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-12	10:00:00"	12.76	16.66	6.73	17.7	9.96	16.39	13.02	15.31	60.57	65.68	-5.113	31.98	27.28	26.35	282.79	0
"2013-10-12	11:00:00"	11.67	28.39	10.23	17.1	9.55	30.41	14.27	14.72	66.16	72.05	-5.882	27.6	22.85	26.362	477.95	0
"2013-10-12	12:00:00"	10.31	40.06	14.64	14.72	8.69	42.31	17.04	13.52	70.45	72.96	-2.509	24.16	21.33	26.366	630.7	0
"2013-10-12	13:00:00"	8.16	73.15	25.14	14.72	6.816	76.33	27.04	12.33	73.8	77.97	-4.17	22.01	18.53	26.36	749.78	0
"2013-10-12	14:00:00"	5.096	90.4	47.36	12.33	4.437	97.2	49.81	12.33	76.13	84.2	-8.03	27.87	21.62	26.344	769.96	0
"2013-10-12	15:00:00"	6.974	115.1	36.16	15.91	5.835	116.4	41.95	14.12	78.9	87.7	-8.82	27.44	20.62	26.317	752.48	0
"2013-10-12	16:00:00"	7.435	115.6	32.5	15.31	6.285	117.5	41.25	13.52	80.6	88.2	-7.506	25.31	19.52	26.297	681.85	0
"2013-10-12	17:00:00"	7.913	126.9	22.25	15.31	6.591	128.9	24.73	13.52	81	86	-5.013	25.42	20.87	26.288	533.38	0
"2013-10-12	18:00:00"	8.96	121.6	24.81	17.1	7.302	121.5	25.95	14.72	80.1	83.2	-3.071	29.02	25.54	26.282	338.38	0
"2013-10-12	19:00:00"	7.776	122.6	22.44	13.52	6.169	123.9	23.45	12.93	79.82	81.7	-1.928	31.41	28.51	26.287	132.48	0
"2013-10-12	20:00:00"	6.874	92.5	13.55	9.35	4.139	84	17.93	6.368	76.83	76.42	0.407	34.51	33.77	26.296	6.8337	0
"2013-10-12	21:00:00"	8.21	72.29	5.963	10.54	4.682	71.32	8.83	8.16	72.1	71.45	0.657	40.43	39.7	26.307	0	0
"2013-10-12	22:00:00"	10.86	80.1	7.211	16.51	7.609	80.9	9.72	13.52	70.2	70.04	0.157	41.13	39.88	26.331	0	0
"2013-10-12	23:00:00"	12.89	88.2	7.153	18.3	9.64	89.3	8.95	14.72	68.69	69.05	-0.362	35.81	34.34	26.349	0	0
"2013-10-13	00:00:00"	11.92	80.4	7.656	17.1	8.81	80.4	9.97	13.52	68.62	71.36	-2.733	35.77	32.29	26.362	0	0
"2013-10-13	01:00:00"	11.81	79.82	6.923	16.51	8.66	79.63	9.26	12.93	66.09	67.99	-1.894	38.16	35.29	26.366	0	0
"2013-10-13	02:00:00"	12.37	84.4	7.17	17.7	9.09	84.6	9.48	14.72	66.33	66.81	-0.478	36.77	35.14	26.371	0	0
"2013-10-13	03:00:00"	14.11	83.7	6.755	20.09	10.49	84.6	9.29	16.51	64.5	68.39	-3.888	36.85	32.73	26.376	0	0
"2013-10-13	04:00:00"	13.96	76.93	9.23	21.87	10.5	77.71	10.68	17.1	62.8	67.04	-4.242	41.46	36.11	26.372	0	0
"2013-10-13	05:00:00"	12.21	69.97	8.22	15.91	9.16	71.93	10.27	14.12	61	64.48	-3.473	47.75	41.35	26.366	0	0
"2013-10-13	06:00:00"	12.05	65.9	7.247	15.91	8.98	68.22	9.92	12.93	61.94	63.01	-1.066	51	47.35	26.369	0	0
"2013-10-13	07:00:00"	13.16	64.33	7.978	18.3	10.06	66.94	10.23	15.31	60.96	62.97	-2.011	57.36	52.89	26.371	0	0
"2013-10-13	08:00:00"	14.29	64.74	8.31	20.09	10.94	67.51	10.67	17.1	58.65	63.18	-4.527	65.44	57.49	26.368	0.06125	0
"2013-10-13	09:00:00"	13.72	56.93	38.33	20.09	10.12	58.36	39.09	16.51	59.2	63.88	-4.682	69.22	61.05	26.388	1.2677	0
"2013-10-13	10:00:00"	12.07	346.5	22.41	24.86	8.66	345.8	23.38	19.49	58.28	62.45	-4.175	81	73.04	26.43	1.8415	0.63
"2013-10-13	11:00:00"	12.26	60.19	31.67	21.87	9.43	64.64	31.56	17.1	59.31	61.62	-2.308	86.6	83.2	26.42	21.632	0.33
"2013-10-13	12:00:00"	12.17	82.7	7.886	17.7	9.36	83.2	10.36	15.31	59.85	63.01	-3.168	88.8	84.7	26.405	61.991	0
"2013-10-13	13:00:00"	10.31	64.67	40.1	16.51	7.974	65.35	41.51	15.31	61	62.36	-1.356	88.5	85.9	26.404	51.433	0.35
"2013-10-13	14:00:00"	10.09	21.45	20.55	16.51	7.812	23.29	24.25	14.12	60.61	61.84	-1.229	88.6	87.1	26.404	20.196	0.44
"2013-10-13	15:00:00"	12.02	57.9	17.83	16.51	9.46	59.91	18.26	15.31	59.85	61.2	-1.356	88.9	87.6	26.366	91.488	0.13
"2013-10-13	16:00:00"	13.42	67.76	9.9	19.49	10.25	69.7	11.4	15.91	60.93	62.33	-1.397	89.4	87.9	26.356	108.98	0
"2013-10-13	17:00:00"	15.47	64.66	8.58	21.87	11.84	67.24	10.59	18.89	61.1	63.36	-2.256	89.2	86.9	26.351	141.99	0
"2013-10-13	18:00:00"	17.2	64.88	8.97	24.86	13.08	68.02	11.32	20.09	61.66	63.86	-2.198	87.8	84.8	26.346	139.79	0
"2013-10-13	19:00:00"	17.13	77.31	11	26.65	13.1	78.41	12.25	20.09	61.45	63.13	-1.682	87.5	84	26.349	25.67	0
"2013-10-13	20:00:00"	19.1	90.4	7.975	27.84	14.82	92.1	9.45	23.07	61.53	62.91	-1.374	88.5	85.3	26.351	0.69503	0
"2013-10-13	21:00:00"	19.77	95.7	7.88	31.42	15.69	97.3	9.17	26.65	61.44	62.98	-1.543	88.5	85.4	26.359	0	0
"2013-10-13	22:00:00"	19.33	101.8	8.05	27.24	15.3	103.6	9.52	26.65	61.85	63.16	-1.31	88.6	85.2	26.372	0	0
"2013-10-13	23:00:00"	18.37	113.5	7.864	27.24	14.27	115.5	10.68	21.87	62.51	63.51	-0.996	89	86.7	26.373	0	0
"2013-10-14	00:00:00"	17.49	119.9	7.752	26.65	13.45	122.1	10.34	21.28	63.18	64.36	-1.174	88.2	85.5	26.373	0	0
"2013-10-14	01:00:00"	16.76	137.5	9.96	24.26	13.12	137.7	10.26	21.28	63.22	64.77	-1.548	87.8	84.4	26.361	0	0
"2013-10-14	02:00:00"	13.02	151.2	9.33	18.3	10.49	150.3	9.52	15.91	63.49	64.65	-1.164	88.2	85.1	26.357	0	0
"2013-10-14	03:00:00"	10.85	159.5	10.04	17.1	8.81	158.4	11.05	14.12	63.51	64.68	-1.168	88.1	85.4	26.351	0	0
"2013-10-14	04:00:00"	10.02	162.8	11.29	15.31	8.12	161.5	12.49	12.93	63.35	64.44	-1.094	88.4	85.9	26.332	0	0
"2013-10-14	05:00:00"	14.61	174.5	6.519	22.47	11.47	172.7	9.7	18.3	63.41	65.15	-1.74	88.5	85.8	26.31	0	0
"2013-10-14	06:00:00"	15.54	176	6.625	21.87	12.13	174.6	9.98	17.7	63.65	64.27	-0.626	89.2	87.1	26.302	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-14	07:00:00"	16.8	176.9	6.581	26.65	13.07	175.6	10.31	21.87	64.06	65.28	-1.213	89	87.2	26.294	0	0
"2013-10-14	08:00:00"	13.92	176.2	7.144	19.49	10.89	175.2	10.57	16.51	64.23	66.16	-1.931	89	85.7	26.296	0.14478	0
"2013-10-14	09:00:00"	14.15	179.2	7.609	20.68	11.1	178	10.96	17.7	64.4	65.03	-0.628	89.1	87.2	26.305	15.484	0
"2013-10-14	10:00:00"	13.08	185.5	9.6	19.49	10.24	187.6	13.19	17.1	65.04	66	-0.965	88.5	86.9	26.309	80.994	0
"2013-10-14	11:00:00"	12.57	194	10.28	17.7	10.01	196.4	13.06	15.31	65.94	67.74	-1.795	86.4	84.1	26.304	178.46	0
"2013-10-14	12:00:00"	11.35	196.2	11.62	16.51	9.22	198.3	13.8	14.72	67.99	70.44	-2.447	82.6	78.98	26.292	483.74	0
"2013-10-14	13:00:00"	12.08	211.3	16.06	19.49	10	211	18.71	16.51	72	75.32	-3.325	72.6	67.73	26.272	751.62	0
"2013-10-14	14:00:00"	13.59	233.7	16.77	21.87	11.05	235.9	19.76	19.49	75.99	77.72	-1.736	55.04	52.79	26.245	699.92	0
"2013-10-14	15:00:00"	15.91	252.8	14.33	25.45	12.55	257.9	16.69	21.87	78.06	80.3	-2.24	40.07	38.29	26.214	588.09	0
"2013-10-14	16:00:00"	15.63	260.5	11.57	23.07	11.84	266.2	14.09	20.68	78.12	79.64	-1.518	37.22	36.03	26.202	434.73	0
"2013-10-14	17:00:00"	15.26	259.4	10.59	22.47	11.89	266.6	13.38	19.49	78.05	79.75	-1.701	35.8	34.21	26.194	283.58	0
"2013-10-14	18:00:00"	11.72	256.2	12.59	18.89	9.11	263.1	14.89	15.91	77.81	78.64	-0.838	36.42	35.47	26.193	218.98	0
"2013-10-14	19:00:00"	6.512	256.7	8.65	12.93	4.718	265.4	10.35	9.95	76.38	76.76	-0.386	40.57	40.43	26.194	69.001	0
"2013-10-14	20:00:00"	3.287	228.6	61.96	6.368	2.243	245.8	75.54	4.578	74.1	73.23	0.866	47.21	51.08	26.205	2.9931	0
"2013-10-14	21:00:00"	4.067	253.7	19.21	6.964	2.49	250.2	36.65	4.578	72.99	71.39	1.593	48.37	54.83	26.218	0	0
"2013-10-14	22:00:00"	3.967	269.4	63.58	8.16	2.468	267.5	73.04	5.771	71.12	70.42	0.696	52.79	57.81	26.232	0	0
"2013-10-14	23:00:00"	3.954	221.3	54.8	7.561	2.936	217.2	68.72	5.771	71.01	69.56	1.449	50.87	59.31	26.244	0	0
"2013-10-15	00:00:00"	4.203	196.7	38.26	9.95	2.807	189.5	48.35	6.368	69.62	68.21	1.415	55.36	60.59	26.249	0	0
"2013-10-15	01:00:00"	5.503	173	25.93	10.54	3.957	168.7	26.31	8.16	69.16	69.82	-0.66	57.23	58.95	26.246	0	0
"2013-10-15	02:00:00"	6.022	163.5	9.96	11.14	4.413	162.4	12.17	9.35	68.36	70.14	-1.777	66.7	63.98	26.235	0	0
"2013-10-15	03:00:00"	7.209	167.1	10.54	11.74	5.357	164.7	12.61	9.35	67.3	67.54	-0.236	81.3	80.2	26.238	0	0
"2013-10-15	04:00:00"	6.082	190.3	12.66	9.95	4.543	193.8	14.62	8.16	66.33	66.97	-0.639	87.2	86.1	26.246	0	0
"2013-10-15	05:00:00"	5.048	196.6	11.11	8.75	3.696	200.7	13.2	7.561	65.83	66.43	-0.6	89.5	88.2	26.24	0	0
"2013-10-15	06:00:00"	6.971	181	8.12	14.12	5.327	181	11.19	9.95	65.09	65.34	-0.251	88.6	87.8	26.235	0	0
"2013-10-15	07:00:00"	11.04	194.1	93.8	26.05	8.55	213.1	94.5	23.07	63.15	64.91	-1.764	83.6	82.4	26.251	0	0
"2013-10-15	08:00:00"	17.53	31.21	8.96	26.05	13.95	34.21	12.34	21.28	55.33	58.53	-3.207	66.6	61.24	26.289	0.20523	0
"2013-10-15	09:00:00"	18.69	31.49	7.407	27.84	14.72	34.1	10.71	24.86	53.16	55.87	-2.709	62.71	58.71	26.299	23.163	0
"2013-10-15	10:00:00"	22.54	34.31	8.37	30.82	17.97	36.74	11.2	26.05	52.61	54.94	-2.323	58.01	54.15	26.321	113.55	0
"2013-10-15	11:00:00"	20.99	37.28	8.07	30.22	16.67	40.17	10.63	26.65	51.33	54.26	-2.924	56.9	52.78	26.353	114.11	0
"2013-10-15	12:00:00"	18.59	41.23	8.99	26.65	14.56	43.98	11.12	21.87	51.64	54.5	-2.865	56.74	53.08	26.362	156.45	0
"2013-10-15	13:00:00"	16.56	41.41	10.32	25.45	13.08	44.11	12.78	22.47	52.04	54.92	-2.883	58.08	54.82	26.353	210.14	0
"2013-10-15	14:00:00"	15.28	42.81	10.02	22.47	12.08	45.3	12.3	18.89	51.97	54.69	-2.723	60.61	58.55	26.346	205.17	0.01
"2013-10-15	15:00:00"	14.32	42.57	9.96	20.68	11.26	45.5	12.49	17.7	52.55	55.58	-3.037	60.84	57.59	26.329	199.71	0
"2013-10-15	16:00:00"	13.48	45.34	11.39	20.09	10.59	48.36	13.33	16.51	54.22	56.03	-1.803	58.33	55.12	26.323	137.17	0
"2013-10-15	17:00:00"	12.88	50.64	11.23	18.3	9.95	54.17	12.93	15.91	54.75	56.38	-1.63	56.58	54.12	26.317	138.38	0
"2013-10-15	18:00:00"	12.22	54.62	12.86	17.7	9.52	58.02	14.41	15.31	53.12	56.25	-3.13	59.68	55.21	26.315	115.88	0
"2013-10-15	19:00:00"	11.54	61.34	11.06	17.1	8.86	65.27	12.16	14.72	52.1	54.94	-2.838	62.45	57.98	26.316	48.35	0
"2013-10-15	20:00:00"	10.38	70.61	11.08	15.91	7.906	73.28	12.58	12.33	51.06	55.09	-4.03	65.63	59.33	26.329	8.6338	0
"2013-10-15	21:00:00"	9.96	79.63	9.69	15.31	7.733	80.9	11.57	12.93	50.26	55.25	-4.993	67.88	59.38	26.347	0	0
"2013-10-15	22:00:00"	9.57	77.27	9.96	14.72	7.345	79.12	12.23	11.74	49.89	54.81	-4.913	68.71	60.43	26.359	0	0
"2013-10-15	23:00:00"	8.14	81.3	8.69	13.52	6.258	83.2	10.75	10.54	49.7	54.54	-4.835	68.33	60.27	26.375	0	0
"2013-10-16	00:00:00"	7.828	71.84	9.53	12.33	6.08	73.86	10.9	9.95	49.68	52.09	-2.41	66.99	62.68	26.378	0	0
"2013-10-16	01:00:00"	7.357	84.4	10.96	10.54	5.747	86.2	12.51	8.75	49.68	50.75	-1.064	65.78	64.02	26.372	0	0
"2013-10-16	02:00:00"	5.833	74.83	15.07	9.35	4.528	77.06	15.67	7.561	49.55	50.13	-0.576	65.52	64.6	26.366	0	0
"2013-10-16	03:00:00"	5.386	77.76	12.8	9.35	4.293	78.82	13.38	7.561	49.81	51.5	-1.692	63.99	61.75	26.37	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-10-16	04:00:00"	6.242	90	16.19	9.35	4.922	92.5	18.18	8.16	50.04	52.5	-2.458	63.47	60.01	26.364	0	0
"2013-10-16	05:00:00"	6.192	95	15.06	11.14	4.941	96.7	16.87	9.35	50.4	53.51	-3.108	61.13	56.31	26.36	0	0
"2013-10-16	06:00:00"	6.06	78.47	9.14	9.95	4.665	79.5	11.37	9.35	50.14	54.03	-3.893	60.7	55.29	26.37	0	0
"2013-10-16	07:00:00"	9.04	91.1	10.32	15.91	7.013	93	12.9	13.52	50.59	54.13	-3.547	59.39	53.6	26.377	0	0
"2013-10-16	08:00:00"	10.43	78.39	9.63	15.91	7.983	79.68	12	12.33	49.66	53.88	-4.215	59.75	53.45	26.383	0.19061	0
"2013-10-16	09:00:00"	10.3	86.4	10.67	16.51	8.04	87.6	12.45	13.52	49.28	53.47	-4.195	61.92	55.2	26.391	14.978	0
"2013-10-16	10:00:00"	11.05	91.4	8.96	17.1	8.68	93.1	10.99	14.12	50.07	53.35	-3.279	61.83	56.3	26.402	64.421	0
"2013-10-16	11:00:00"	11.48	113.2	10.71	17.7	9.08	115.3	13.03	14.12	49.62	53.47	-3.849	62.36	55.62	26.413	104.95	0
"2013-10-16	12:00:00"	10.09	115.4	12.28	15.31	8.06	117.6	15.04	12.93	50.05	54.33	-4.284	62.63	55.55	26.416	216.21	0
"2013-10-16	13:00:00"	6.475	126.5	19.8	12.33	5.406	127.5	20.97	11.14	50.83	56.16	-5.329	62.94	53.97	26.414	262.66	0
"2013-10-16	14:00:00"	5.15	121.2	26.81	12.33	4.369	122.9	28.16	9.95	51.52	56.1	-4.581	63.64	55.38	26.395	322.23	0
"2013-10-16	15:00:00"	3.877	110.3	66.69	11.14	3.358	114.4	74.32	9.35	52.75	56.91	-4.154	63.16	55.97	26.37	282.31	0
"2013-10-16	16:00:00"	3.786	58.23	47.48	8.75	3.21	61.79	52.02	6.964	53.69	58.46	-4.764	62.23	54.02	26.355	179.5	0
"2013-10-16	17:00:00"	4.295	107.9	56.86	8.75	3.717	106.7	60.62	8.16	54.5	60.26	-5.762	60.98	51.38	26.336	316.79	0
"2013-10-16	18:00:00"	3.256	140.4	67.42	7.561	2.834	138.3	72.24	6.368	55.12	61.05	-5.929	61.16	51.06	26.331	271.97	0
"2013-10-16	19:00:00"	3.183	116.7	34.15	5.771	2.729	117.1	35.08	5.175	55.78	61.3	-5.513	61.15	51.2	26.332	115.37	0
"2013-10-16	20:00:00"	2.687	137.3	22.65	4.578	2.056	133.8	25.43	3.386	54.69	57.43	-2.736	63.02	59.24	26.338	4.5495	0
"2013-10-16	21:00:00"	3.413	88.8	19.23	5.771	2.27	76.42	22.21	4.578	53.56	54.05	-0.496	64.87	66.22	26.349	0	0
"2013-10-16	22:00:00"	5.602	111.5	14.14	7.561	3.133	105	19.37	4.578	52.7	52.36	0.343	66.57	69.17	26.36	0	0
"2013-10-16	23:00:00"	6.077	138.4	18.08	8.75	3.652	130.4	24.45	6.964	51.07	51.23	-0.157	70.38	72.11	26.373	0	0
"2013-10-17	00:00:00"	6.554	168.9	8.92	9.35	4.832	167.3	12.02	8.16	49.88	51.64	-1.753	74.82	71.93	26.371	0	0
"2013-10-17	01:00:00"	6.652	168.5	11.74	9.95	4.94	166	14.9	8.16	48.7	50.72	-2.013	78.59	73.02	26.357	0	0
"2013-10-17	02:00:00"	6.881	160.3	11.62	11.14	5.024	158.5	15.54	9.35	47.59	50.16	-2.563	81.2	75.45	26.346	0	0
"2013-10-17	03:00:00"	4.556	196.9	15.78	7.561	3.397	196	16.75	6.368	46.17	49.05	-2.878	82.8	75.86	26.346	0	0
"2013-10-17	04:00:00"	4.333	200.6	14.04	6.368	3.099	199.3	14.98	5.175	45.49	47.77	-2.283	84.6	78.48	26.339	0	0
"2013-10-17	05:00:00"	3.871	214.5	17.38	6.964	2.491	217.7	23.12	5.771	45.29	47.39	-2.102	84.9	79.46	26.329	0	0
"2013-10-17	06:00:00"	2.773	219.3	27.7	5.771	1.251	272.4	82.5	3.982	45.5	46.24	-0.738	85	80.6	26.32	0	0
"2013-10-17	07:00:00"	3.313	199	20.31	5.771	1.608	185.6	51.28	4.578	45.64	45.92	-0.273	84.9	82.5	26.321	0.02676	0
"2013-10-17	08:00:00"	2.556	256.9	39.93	5.175	1.031	302.4	72.63	3.386	45.57	46.53	-0.953	85.4	83.5	26.33	0.37029	0
"2013-10-17	09:00:00"	2.567	236.2	25.15	7.561	1.584	252.7	36.15	5.175	47.59	48.52	-0.932	85.9	84.7	26.339	18.004	0
"2013-10-17	10:00:00"	5.25	224.5	15.08	9.95	4.342	224.3	17.77	7.561	49.75	50.51	-0.759	86	84.5	26.353	68.231	0
"2013-10-17	11:00:00"	5.656	229	16.67	8.75	4.776	230.8	20.48	8.16	50.93	51.77	-0.842	88	86.1	26.359	143.07	0
"2013-10-17	12:00:00"	6.815	215.5	14.84	10.54	5.787	215.6	17.94	10.54	52.36	53.31	-0.952	88.7	86.8	26.354	200.73	0
"2013-10-17	13:00:00"	6.684	208.9	14.6	9.95	5.604	208.3	18.27	9.95	53.37	54.48	-1.109	86.7	84.4	26.342	205.76	0
"2013-10-17	14:00:00"	5.033	212.7	24.8	11.14	4.23	213.3	28.58	9.35	55.62	56.98	-1.356	81.2	78.36	26.317	365.91	0
"2013-10-17	15:00:00"	4.633	183.2	40.86	9.95	3.929	185.6	48.2	8.16	59.21	61.65	-2.441	73.48	68.97	26.282	683.1	0
"2013-10-17	16:00:00"	5.041	191	31.26	10.54	4.3	189.9	39.35	8.75	63.71	66.71	-3	64.99	59.41	26.25	659.99	0
"2013-10-17	17:00:00"	4.771	212.1	35.63	10.54	4.051	215.9	42.14	9.35	67.35	70.43	-3.082	57.31	52.07	26.222	515.38	0
"2013-10-17	18:00:00"	3.701	196.9	54.55	9.95	2.996	195.1	47.68	8.75	69.44	71.19	-1.751	51.37	48.44	26.202	328.79	0
"2013-10-17	19:00:00"	4.363	173.2	21.3	6.964	3.444	168.8	24.2	6.368	70.18	71.35	-1.166	44.9	43.85	26.191	126.24	0
"2013-10-17	20:00:00"	4.655	158.2	13.85	7.561	2.868	146.4	17.88	5.175	67.94	67.09	0.852	50.82	53.3	26.191	4.1474	0
"2013-10-17	21:00:00"	7.493	161.8	13.86	12.93	5.477	155.6	19.23	10.54	63.72	63.69	0.035	62.24	61.94	26.2	0	0
"2013-10-17	22:00:00"	7.927	159.9	10.42	12.93	6.11	158.9	11.68	10.54	60.7	61.6	-0.9	73.21	70.5	26.209	0	0
"2013-10-17	23:00:00"	6.563	142.6	9.17	9.95	4.553	139.6	12.16	8.16	58.84	59.17	-0.331	80.9	78.2	26.21	0	0
"2013-10-18	00:00:00"	6.639	158.9	10.03	9.35	5.006	158.8	10.56	7.561	58.05	58.62	-0.567	84.3	82.2	26.207	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-18	01:00:00"	6.726	179	12.35	10.54	4.908	180.1	15.97	8.75	56.4	57.36	-0.959	87.2	83.9	26.198	0	0
"2013-10-18	02:00:00"	12.02	178.5	8.17	18.3	9.45	177.7	11.6	14.72	56.28	58.49	-2.206	88.4	84.9	26.191	0.10967	0
"2013-10-18	03:00:00"	10.82	180.7	9.46	16.51	8.52	181	12.82	14.12	56.27	60.45	-4.188	89	82.6	26.192	0.06174	0
"2013-10-18	04:00:00"	8.94	195.4	12.79	14.12	7.16	196.2	15.16	11.74	56.6	60.95	-4.35	89.5	81.3	26.193	0.03806	0
"2013-10-18	05:00:00"	8.07	190.4	9.13	13.52	6.258	192.5	12.97	10.54	57.04	60.5	-3.455	89.6	81.7	26.178	0.00518	0
"2013-10-18	06:00:00"	8.17	201.4	15.17	13.52	6.613	203.4	16.63	11.14	57.25	58.92	-1.664	89.3	84.2	26.176	0	0
"2013-10-18	07:00:00"	7.782	210.8	14	12.93	6.278	209.9	16.23	11.14	57.28	58.86	-1.583	88.2	83.2	26.184	0	0
"2013-10-18	08:00:00"	6.357	207.3	17	11.14	5.138	207.9	19.23	9.35	56.36	57.81	-1.452	85.1	81.2	26.184	0.38644	0
"2013-10-18	09:00:00"	6.914	203.4	18.61	11.74	5.457	207.1	21.46	9.95	55.24	56.78	-1.539	86.1	83	26.192	29.02	0
"2013-10-18	10:00:00"	7.77	217.7	29.01	12.33	6.291	220.2	32.22	10.54	54.99	57.01	-2.016	85.8	81.9	26.207	123.85	0
"2013-10-18	11:00:00"	7.557	289.3	19.65	11.74	5.347	294.1	20.83	9.95	55.98	59.53	-3.553	81	75.69	26.231	350.73	0
"2013-10-18	12:00:00"	7.292	294.1	18.27	12.93	5.323	296.7	21.17	9.95	58.39	67.12	-8.73	72.26	57.97	26.229	625.5	0
"2013-10-18	13:00:00"	7.459	283.6	18.4	12.93	5.402	287.3	20.39	10.54	61.86	71.03	-9.17	59.1	45.45	26.218	743.2	0
"2013-10-18	14:00:00"	9.5	304.1	18.84	16.51	6.57	306.6	20.28	13.52	66.27	75.82	-9.55	43.37	33.22	26.203	784.59	0
"2013-10-18	15:00:00"	11.22	335.5	24.66	22.47	8.62	336.5	24.93	17.7	71.38	79.84	-8.46	26.51	21.25	26.185	743.63	0
"2013-10-18	16:00:00"	14.39	359	17.73	24.26	11.46	355.8	19.09	21.28	72.56	80.7	-8.1	22.41	17.6	26.18	667.83	0
"2013-10-18	17:00:00"	19.17	23.67	12.97	31.42	15.16	24.37	17.46	25.45	70.44	77.53	-7.083	26.81	21.22	26.203	512.09	0
"2013-10-18	18:00:00"	26.97	30.81	9.01	38.57	21.29	33.37	12.2	34.4	62.67	67.75	-5.088	39.97	33.26	26.243	300.78	0
"2013-10-18	19:00:00"	26.27	30.76	7.75	36.19	20.99	33.29	11.46	30.82	54.3	57.81	-3.507	50.97	43.61	26.279	107.99	0
"2013-10-18	20:00:00"	24.65	30.27	7.155	35	19.59	32.76	10.61	31.42	48.82	51.82	-3.005	59.15	52.63	26.319	3.3892	0
"2013-10-18	21:00:00"	25.75	28.81	6.895	36.19	20.37	31.26	10.94	34.4	45.66	49.1	-3.434	59.7	52.5	26.356	0	0
"2013-10-18	22:00:00"	21.6	33.83	7.079	33.21	17.21	36.39	10.08	26.65	43.88	46.19	-2.311	62.43	56.7	26.388	0	0
"2013-10-18	23:00:00"	19.68	33.96	7.196	27.84	15.58	36.24	10.23	23.66	42.87	45.4	-2.528	63.77	58.52	26.406	0	0
"2013-10-19	00:00:00"	15.94	29.22	7.91	23.07	12.59	30.84	11.62	18.89	41.83	44.8	-2.97	66	59.74	26.429	0	0
"2013-10-19	01:00:00"	10.46	28.72	7.676	20.68	8.2	30.48	11.21	17.7	40.66	44.32	-3.665	68.43	60.91	26.445	0	0
"2013-10-19	02:00:00"	5.539	348.3	28.84	7.561	3.324	336.6	32.14	6.368	38.4	41.73	-3.326	72.48	64.89	26.462	0	0
"2013-10-19	03:00:00"	7.292	322.9	8.55	9.95	4.263	325.5	10.13	6.964	37.46	40.57	-3.113	75.26	68.69	26.466	0.0001	0
"2013-10-19	04:00:00"	7.819	335.9	6.279	11.14	5.292	336.3	8.67	8.75	36.64	39.7	-3.065	76.72	72.01	26.46	0	0
"2013-10-19	05:00:00"	8.23	334.3	7.691	11.14	5.754	334.3	9.68	8.75	36.06	39.93	-3.87	77.84	71.3	26.449	0.00029	0
"2013-10-19	06:00:00"	8.1	334.4	6.431	10.54	5.53	335	8.77	8.16	36.64	39.54	-2.9	77.55	70.06	26.448	0	0
"2013-10-19	07:00:00"	8.03	336.2	6.679	10.54	5.5	336.6	8.85	8.16	35.23	36.97	-1.744	77.56	74.53	26.453	0	0
"2013-10-19	08:00:00"	7.396	326.3	5.286	9.95	4.671	328.3	8.12	7.561	35.16	36.47	-1.311	78.02	75.33	26.457	0.64555	0
"2013-10-19	09:00:00"	6.832	319.3	7.163	9.35	4.372	321.3	9.22	7.561	35.37	37.09	-1.721	78.67	77.83	26.464	78.086	0
"2013-10-19	10:00:00"	5.786	308.2	12.92	8.75	4.126	309.6	14.4	7.561	41.12	43.88	-2.758	67.02	64.45	26.48	271.64	0
"2013-10-19	11:00:00"	4.62	266.4	31.52	7.561	3.645	270.1	35.26	7.561	44.96	48.42	-3.467	50.09	44.75	26.482	470.03	0
"2013-10-19	12:00:00"	5.287	214.2	22.4	9.95	4.616	218.1	26.38	9.35	49.65	52.8	-3.149	42.4	37.8	26.466	634.11	0
"2013-10-19	13:00:00"	8.73	207.4	18.99	17.1	7.276	210.6	24	15.91	53.73	56.79	-3.059	36.11	32.66	26.443	742.14	0
"2013-10-19	14:00:00"	11.08	195.1	16.68	17.1	8.92	196.4	20.03	15.31	57.6	61.07	-3.473	29.71	26.27	26.411	785.92	0
"2013-10-19	15:00:00"	11.23	201.6	17.23	19.49	9.12	202.8	20.68	16.51	59.75	63.08	-3.332	27.57	24.27	26.377	745.36	0
"2013-10-19	16:00:00"	12.26	196.4	16.03	20.68	9.77	197	19.04	18.89	62.08	64.95	-2.87	26.03	23.12	26.345	667.44	0
"2013-10-19	17:00:00"	13.28	191.2	13.34	20.68	10.61	191.6	17.09	18.3	63.33	66.36	-3.03	26.64	23.55	26.322	519.52	0
"2013-10-19	18:00:00"	12.32	189.7	11.49	18.89	9.62	191.3	14.88	16.51	64.1	66.52	-2.418	28.99	26.19	26.304	329.49	0
"2013-10-19	19:00:00"	11.9	183.9	9.28	17.7	9.2	184.7	13.43	14.12	63.64	65.25	-1.612	32.23	29.81	26.289	123.04	0
"2013-10-19	20:00:00"	10.01	173	9.27	14.72	7.762	171.2	11.42	11.74	60.76	61.28	-0.526	36.75	34.96	26.285	3.3689	0
"2013-10-19	21:00:00"	10.73	170.9	6.163	15.31	8.25	167.7	8.2	12.33	55.51	58.6	-3.092	42.87	38.58	26.288	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-19	22:00:00"	11.29	175	6.773	16.51	8.59	173	10.07	12.93	53.45	56.96	-3.508	48.65	42.8	26.291	0
"2013-10-19	23:00:00"	7.02	159	11.75	11.14	5.035	152.8	15.39	8.75	51.79	51.86	-0.075	52.54	52.82	26.297	0
"2013-10-20	00:00:00"	6.602	158.7	8.5	9.35	4.508	152.3	11.39	6.368	51.47	50.82	0.652	52.29	53.57	26.293	0
"2013-10-20	01:00:00"	6.445	156.1	15.77	9.95	4.179	152.5	20.33	7.561	50.34	49.29	1.044	53.17	55.47	26.279	0
"2013-10-20	02:00:00"	6.257	195.9	13.34	9.35	4.331	198.3	13.33	6.964	48.69	48.78	-0.089	56	56	26.257	0
"2013-10-20	03:00:00"	6.177	214.9	12.25	9.95	4.745	215.8	14.64	8.16	48.65	49.65	-0.995	58.09	56.42	26.25	0
"2013-10-20	04:00:00"	7.541	218.4	11.58	11.14	6.09	219.1	12.21	9.35	48.28	50.95	-2.667	59.75	55.58	26.24	0
"2013-10-20	05:00:00"	7.723	226.4	12.19	11.74	6.163	227.3	14.56	9.95	46.55	50.56	-4.015	63.9	56.31	26.225	0
"2013-10-20	06:00:00"	6.687	227.1	12.95	10.54	5.178	229	14.44	9.35	44.87	47.11	-2.237	68.97	64.5	26.217	0
"2013-10-20	07:00:00"	5.979	234	12.33	10.54	4.473	239.2	15.66	9.35	44.43	44.9	-0.469	71.14	69.74	26.212	0
"2013-10-20	08:00:00"	7.105	221.1	13.35	11.74	5.429	221.8	14.98	9.95	44.7	45.54	-0.844	72.14	70.54	26.207	0.59144
"2013-10-20	09:00:00"	6.003	229.4	12.7	9.35	4.799	229.3	15.68	8.16	44.8	46.54	-1.735	73.74	71.25	26.212	73.514
"2013-10-20	10:00:00"	7.937	217.6	12.36	11.74	6.626	220.5	14.25	11.74	47.58	50.29	-2.711	74.64	69.42	26.224	269.8
"2013-10-20	11:00:00"	8.39	217.1	13.04	12.33	7.138	218.3	15.57	11.14	53.81	57.48	-3.661	65.55	59.35	26.225	468.42
"2013-10-20	12:00:00"	8.13	228.1	15.63	12.93	6.955	231.8	18.7	11.14	60.63	64.22	-3.591	47.79	42.85	26.214	633.33
"2013-10-20	13:00:00"	10.35	244.3	15.32	17.7	8.54	248.4	18.74	16.51	68.65	72.89	-4.239	28.04	24.89	26.196	746.2
"2013-10-20	14:00:00"	11.49	234.9	14.64	19.49	9.52	237.7	18.12	16.51	72.28	76.13	-3.852	22.92	19.76	26.171	788.89
"2013-10-20	15:00:00"	11.56	243.4	18.05	19.49	9.37	247.7	21.18	17.1	75.61	79.2	-3.593	19.53	16.81	26.136	742.85
"2013-10-20	16:00:00"	14.62	256	13.57	24.26	11.58	262	16.6	21.87	77.99	80.9	-2.948	15.36	12.97	26.106	669.15
"2013-10-20	17:00:00"	16.45	263.7	11.17	25.45	12.63	269.9	13.29	20.68	78.62	81.5	-2.845	13.05	10.89	26.091	519.75
"2013-10-20	18:00:00"	11.32	245	17.22	18.89	9.1	249	19.57	16.51	78.86	80.1	-1.216	13.42	11.68	26.084	323.22
"2013-10-20	19:00:00"	6.856	237.9	19.01	13.52	5.206	241.1	23.05	11.14	77.28	77.15	0.133	14.17	13.14	26.083	117.27
"2013-10-20	20:00:00"	7.894	267.2	8.92	11.74	5.316	273.2	12.42	9.35	73.73	72.94	0.795	15.53	15.77	26.096	3.1628
"2013-10-20	21:00:00"	4.722	239.7	13.84	6.368	2.709	236.4	18.72	5.771	68.91	67.72	1.189	19.14	19.29	26.115	0
"2013-10-20	22:00:00"	7.258	255.1	10.82	13.52	4.615	255.5	12.69	9.95	66.22	65.08	1.14	21.36	22.1	26.126	0
"2013-10-20	23:00:00"	6.193	240.8	18.37	12.93	3.953	236.4	20.7	8.16	65.41	63.93	1.481	20.57	21.5	26.132	0
"2013-10-21	00:00:00"	6.838	213.1	31.29	13.52	4.915	212.8	32.28	10.54	61.63	61.59	0.034	26.11	25.58	26.141	0
"2013-10-21	01:00:00"	7.597	189.6	11.15	14.72	5.578	192.8	14.29	11.74	57.63	57.4	0.234	66.53	66.47	26.152	0
"2013-10-21	02:00:00"	5.693	227.3	29.98	10.54	3.969	233.6	37.44	7.561	54.36	54.65	-0.288	79.4	78.19	26.164	0
"2013-10-21	03:00:00"	8.13	325.9	38.62	14.72	6.223	327.7	33.7	11.74	52.52	53.62	-1.109	71.63	70.74	26.187	0
"2013-10-21	04:00:00"	14.99	8.68	8.3	22.47	11.19	5.84	12.97	20.09	50.84	52.96	-2.128	48.34	45.44	26.202	0
"2013-10-21	05:00:00"	18.99	14.85	7.681	26.65	14.3	13.17	15.03	23.66	50.93	54.06	-3.138	52.24	46.4	26.211	0
"2013-10-21	06:00:00"	20.7	22.73	6.299	28.43	16	24.31	11.65	23.66	49.91	52.77	-2.859	57.23	50.86	26.224	0
"2013-10-21	07:00:00"	19.41	19.97	7.188	26.65	14.99	20.12	12.95	22.47	49.09	51.84	-2.752	60.24	54.04	26.249	0
"2013-10-21	08:00:00"	17.56	16.21	6.601	24.26	13.34	15.01	13.76	19.49	48.33	51.3	-2.98	61.24	54.78	26.28	0.48747
"2013-10-21	09:00:00"	19.75	19.38	6.433	30.22	15.08	19.74	13.01	23.66	48.55	51.77	-3.221	59.59	52.86	26.305	65.545
"2013-10-21	10:00:00"	23.04	20.55	6.81	31.42	17.73	20.75	13.32	27.84	50.79	54.3	-3.508	54.37	47.31	26.337	253.73
"2013-10-21	11:00:00"	21.94	31.34	8.99	29.63	17.38	33.43	12.54	25.45	53.93	57.37	-3.438	49.17	42.75	26.364	445.01
"2013-10-21	12:00:00"	19.84	36.35	10.3	29.03	15.72	38.89	13.73	26.65	57.32	60.82	-3.506	44.91	39.15	26.379	602.18
"2013-10-21	13:00:00"	16.99	36.78	12.02	27.84	13.57	39.35	14.81	21.87	60.01	64.02	-4.015	41.66	36.28	26.382	708.07
"2013-10-21	14:00:00"	14.54	42.94	14.64	21.87	11.7	45.72	17.42	18.89	61.73	66.22	-4.489	39.76	34.62	26.375	750.67
"2013-10-21	15:00:00"	12.66	46.67	17.49	20.68	10.21	49.36	19.54	18.89	63.8	67.86	-4.061	37.94	33.27	26.354	712.44
"2013-10-21	16:00:00"	11.52	51.26	18.6	20.68	9.23	53.96	20.73	18.3	64.41	69.84	-5.424	37.01	31.47	26.341	628.2
"2013-10-21	17:00:00"	11.77	44.66	20.34	21.28	9.62	47.63	22.77	19.49	64.93	69.17	-4.242	36.3	31.67	26.341	491.66
"2013-10-21	18:00:00"	10.55	44.75	23.02	21.28	8.47	45.61	25.13	15.91	64.97	67.81	-2.835	35.7	32.4	26.345	296.52

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-21	19:00:00"	8.7	54.98	14.64	15.31	6.65	58.08	15.93	14.12	64.02	65.43	-1.401	36.31	34.14	26.352	103.84	0	
"2013-10-21	20:00:00"	6.657	64.41	7.229	8.16	3.857	64.44	11.18	5.771	60.49	60.77	-0.277	41.15	40.7	26.369	2.4482	0	
"2013-10-21	21:00:00"	7.498	64.67	4.273	8.75	4.04	63.49	9.32	5.771	57.14	58.45	-1.309	46.18	44.81	26.389	0	0	
"2013-10-21	22:00:00"	7.603	69.98	5.374	9.35	4.142	67.15	9.74	5.771	54.88	57.04	-2.163	50.33	47.42	26.406	0	0	
"2013-10-21	23:00:00"	8.37	78.18	3.621	9.95	4.652	69.76	9.17	6.368	53.28	55.52	-2.245	53.28	50.27	26.422	0	0	
"2013-10-22	00:00:00"	8.14	80.6	4.306	9.35	4.553	70.3	9.58	6.368	51.54	53.68	-2.143	56.38	53.62	26.434	0	0	
"2013-10-22	01:00:00"	7.699	83.7	5.298	9.35	4.422	68.84	8.98	5.771	51.12	52.79	-1.67	56.85	54.77	26.436	0	0	
"2013-10-22	02:00:00"	8.27	89.4	4.938	9.35	4.659	71.07	9.53	6.368	50.01	51.97	-1.962	57.24	55.19	26.436	0	0	
"2013-10-22	03:00:00"	7.881	103.9	6.408	9.35	3.938	83.4	9.84	5.771	49.17	49.9	-0.728	58.18	57.79	26.437	0	0	
"2013-10-22	04:00:00"	5.768	129.5	24.38	8.75	3.181	118	35.97	5.175	48.1	48.47	-0.373	61.25	60.62	26.43	0	0	
"2013-10-22	05:00:00"	3.201	139	48.32	6.964	2.296	139.1	69.21	5.175	47.96	47.82	0.138	63.02	63.48	26.434	0	0	
"2013-10-22	06:00:00"	4.043	147.2	36.56	5.771	2.177	140.7	54.79	3.982	47.61	46.06	1.544	64.51	67.26	26.432	0	0	
"2013-10-22	07:00:00"	3.968	248	12.09	5.771	2.348	279.1	17.76	3.982	46.25	46.07	0.18	67.28	67.13	26.441	0	0	
"2013-10-22	08:00:00"	3.658	264.5	14.42	5.771	2.811	319.1	24.24	3.982	46.26	44.15	2.108	65.78	69.15	26.449	0.47911	0	
"2013-10-22	09:00:00"	5.253	292	12.92	6.964	2.674	313.9	11.39	4.578	44.52	44.18	0.332	69.88	72.73	26.463	66.682	0	
"2013-10-22	10:00:00"	5.593	244.4	24.8	10.54	4.515	249.6	27.73	9.35	48.59	53.15	-4.558	65.31	62.85	26.486	257.06	0	
"2013-10-22	11:00:00"	8.31	214.2	13.11	12.33	7.055	216.1	15.59	11.74	53.33	59.72	-6.383	55.41	45.9	26.496	451.93	0	
"2013-10-22	12:00:00"	8.08	228.4	20.22	12.93	6.758	230.7	23.87	11.14	57.42	64.72	-7.297	50.32	39.93	26.488	613.47	0	
"2013-10-22	13:00:00"	7.14	246.3	18.85	11.74	6.04	249.5	21.75	10.54	61.44	69.47	-8.03	44.1	34.71	26.476	721.9	0	
"2013-10-22	14:00:00"	6.662	219.3	29.65	13.52	5.727	220.4	34.59	13.52	64.96	72.65	-7.69	37.07	29.56	26.454	766.22	0	
"2013-10-22	15:00:00"	7.58	230.5	30.5	13.52	6.448	233.5	33.68	11.74	67.48	69.55	-2.065	32.31	29.53	26.426	723.64	0	
"2013-10-22	16:00:00"	6.614	218.3	30.18	13.52	5.675	218.6	35.33	14.12	69.22	71.27	-2.05	29.97	27.3	26.406	646.51	0	
"2013-10-22	17:00:00"	5.674	229.2	29.98	12.33	4.75	232.2	33.44	11.14	69.92	72.77	-2.848	27.89	25.06	26.398	499.7	0	
"2013-10-22	18:00:00"	5.166	219.2	25.05	9.95	4.477	220.6	30.14	8.75	70.14	73.48	-3.334	26.12	22.93	26.384	311.27	0	
"2013-10-22	19:00:00"	5.775	212	19.35	9.35	4.659	212.3	22.05	8.75	69.53	70.01	-0.483	25.8	24.5	26.378	109.97	0	
"2013-10-22	20:00:00"	5.513	181.8	9.18	8.16	3.824	178.8	11.18	6.964	65.86	65.11	0.75	28.79	29.02	26.388	2.2807	0	
"2013-10-22	21:00:00"	6.722	183.8	9.35	11.14	4.62	182.2	12.48	8.16	63.05	62.16	0.886	30.68	31.01	26.398	0	0	
"2013-10-22	22:00:00"	8.58	186.5	7.478	13.52	6.014	190.5	11.41	11.14	60.33	61.61	-1.278	35.96	33.95	26.404	0	0	
"2013-10-22	23:00:00"	7.167	192.2	9.89	11.14	4.94	198	12.84	8.75	57.23	59.81	-2.586	38.99	35.83	26.41	0	0	
"2013-10-23	00:00:00"	4.503	213.1	13.74	6.368	3.003	214.3	16.06	5.175	55.99	56.87	-0.887	39.19	38.25	26.42	0	0	
"2013-10-23	01:00:00"	4.507	207.3	11.22	5.771	2.775	205.7	14.39	4.578	55.12	55.47	-0.344	39.32	39.41	26.418	0	0	
"2013-10-23	02:00:00"	5.987	205.5	13.22	8.75	4.037	210	15.09	6.368	54.59	54	0.587	37.72	38.44	26.414	0	0	
"2013-10-23	03:00:00"	6.131	202.5	11.85	9.35	4.237	203.1	11.98	6.964	52.94	52.2	0.737	39.25	39.56	26.413	0	0	
"2013-10-23	04:00:00"	5.983	207	10.38	8.16	4.247	204.1	11.46	6.964	51.76	52.22	-0.461	41.98	40.9	26.403	0	0	
"2013-10-23	05:00:00"	5.098	209	10.62	6.964	3.372	207.1	11.33	5.771	51.45	50.97	0.484	43.89	44.2	26.391	0	0	
"2013-10-23	06:00:00"	4.665	245.9	22.68	6.964	3.025	263.6	34.78	6.368	51.13	51.34	-0.205	45.47	45.16	26.389	0	0	
"2013-10-23	07:00:00"	3.701	246.1	19.66	4.578	1.755	273.2	36.62	2.789	51.08	47.43	3.654	46.03	52.49	26.391	0	0	
"2013-10-23	08:00:00"	3.873	250.3	13.06	5.175	2.331	281.4	23.27	3.982	50.41	47.37	3.033	47.01	52.43	26.399	0.44096	0	
"2013-10-23	09:00:00"	4.728	260.4	11.15	6.368	2.45	287.1	21.22	3.982	50.32	47.35	2.977	49.24	57.6	26.408	67.168	0	
"2013-10-23	10:00:00"	3.533	209.4	18.7	4.578	3.017	206.7	25.48	4.578	53.3	56.33	-3.029	49.82	46.12	26.421	260.88	0	
"2013-10-23	11:00:00"	3.936	226.5	16.69	6.368	3.587	231.5	18.77	6.368	59.02	62.1	-3.08	43.37	38.49	26.429	458.35	0	
"2013-10-23	12:00:00"	5.304	204.9	19.24	8.75	4.633	207.2	22.9	8.16	65.59	65.87	-0.276	32.87	31.6	26.427	621.91	0	
"2013-10-23	13:00:00"	8.14	210.6	18.54	15.91	7.023	215.1	22.51	15.31	70.5	72.09	-1.586	23.17	21.29	26.417	731.06	0	
"2013-10-23	14:00:00"	11.01	207.6	16.7	17.7	9.22	209.5	19.69	15.91	73.33	76.62	-3.294	19.63	16.79	26.392	773.81	0	
"2013-10-23	15:00:00"	13	199.6	18.89	20.68	10.64	200.1	21.19	18.89	75.42	78.56	-3.136	16.81	14.17	26.36	732.55	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-10-23	16:00:00"	12.11	196.6	14.76	20.68	9.78	197.6	17.9	17.1	76.54	79.34	-2.8	14.93	12.56	26.343	656.57	0
"2013-10-23	17:00:00"	11.16	195.7	14.38	18.89	9.08	195.6	16.47	17.7	76.74	79.34	-2.601	14.34	12.06	26.336	506.53	0
"2013-10-23	18:00:00"	10.12	186	16.55	17.1	8.14	185.3	18.28	14.72	76.31	78.81	-2.5	15.18	12.99	26.329	314.05	0
"2013-10-23	19:00:00"	10.8	173.9	8.41	16.51	8.44	172.1	11.06	14.12	75.02	76.07	-1.054	17.82	16.09	26.323	109.7	0
"2013-10-23	20:00:00"	7.64	157.2	7.285	9.95	5.56	152.3	8.12	8.75	69.75	69.4	0.352	22.93	22.08	26.332	1.8046	0
"2013-10-23	21:00:00"	8.53	159.9	8.89	13.52	6.318	157.5	9.81	10.54	66.16	65.62	0.539	26.12	25.33	26.349	0	0
"2013-10-23	22:00:00"	9.68	151.1	9.26	14.12	7.343	149.9	9.63	11.74	61.92	61.79	0.126	30.49	29.28	26.358	0	0
"2013-10-23	23:00:00"	8	164.4	9.08	12.93	5.971	164.6	10.67	10.54	59.68	59.65	0.037	32.88	31.79	26.371	0	0
"2013-10-24	00:00:00"	8.06	173.8	6.826	10.54	5.632	172.6	8.82	8.16	57.71	57.65	0.054	39.13	38.03	26.376	0	0
"2013-10-24	01:00:00"	7.435	171.6	7.323	9.95	5.211	172.1	9.75	8.16	56.57	56.7	-0.126	44.14	42.98	26.374	0	0
"2013-10-24	02:00:00"	6.661	177.1	6.397	9.35	4.512	176.8	8.4	6.368	56.34	55.23	1.114	46.25	46.84	26.371	0	0
"2013-10-24	03:00:00"	5.887	184.6	10.87	8.75	3.999	187.7	13.73	6.368	56.09	55.15	0.938	48.1	48.57	26.37	0	0
"2013-10-24	04:00:00"	3.972	176.1	21.5	6.964	2.098	163.5	43.05	4.578	55.42	54.52	0.899	49.58	50.11	26.374	0	0
"2013-10-24	05:00:00"	4.87	95.7	29.66	6.368	2.999	63.23	17.81	5.771	54.41	52.77	1.639	51.13	54.27	26.37	0	0
"2013-10-24	06:00:00"	5.954	29.81	12.24	8.16	4.499	15.22	8.19	6.368	50	47.48	2.513	57.34	63.85	26.37	0	0
"2013-10-24	07:00:00"	7.253	17.51	5.477	9.35	4.714	18.7	9.71	6.964	47.28	48.06	-0.776	63.65	62.78	26.377	0	0
"2013-10-24	08:00:00"	7.97	14.68	4.069	9.35	4.421	18.73	8.08	6.368	47.56	47.36	0.207	62.89	63.57	26.386	0.33221	0
"2013-10-24	09:00:00"	6.99	32.49	8.79	8.75	4.884	32.5	9.07	8.16	48.01	46.48	1.53	62.1	66.77	26.404	49.595	0
"2013-10-24	10:00:00"	6.65	43.93	13.29	8.75	5.853	46.02	15.05	8.75	52.74	54.12	-1.378	57.6	55.33	26.43	251.63	0
"2013-10-24	11:00:00"	6.057	87.8	16.7	10.54	5.187	89.2	18.01	9.35	59.92	62.71	-2.789	46.38	41.93	26.444	444.61	0
"2013-10-24	12:00:00"	8.9	95.2	12.04	12.93	7.546	97.4	13.96	11.74	67.08	69.61	-2.522	37.13	33.69	26.444	604.75	0
"2013-10-24	13:00:00"	10.92	95.7	11.45	16.51	9.09	97.3	13.94	14.12	71.37	73.68	-2.305	32.3	29.25	26.439	713.53	0
"2013-10-24	14:00:00"	11.79	105.1	13.91	20.09	9.81	107.2	16.39	15.91	74.04	76.45	-2.414	27.06	24.13	26.418	756.39	0
"2013-10-24	15:00:00"	11.52	110.3	16.76	19.49	9.47	112.9	18.13	15.91	75.99	78.34	-2.358	24.36	21.57	26.395	713.46	0
"2013-10-24	16:00:00"	11.87	109.3	16.67	20.09	9.73	111.8	18.67	17.1	76.44	79.03	-2.591	23.95	21.04	26.383	633.08	0
"2013-10-24	17:00:00"	11.41	114	16.93	18.89	9.27	115.9	18.55	14.72	76.25	79.32	-3.066	22.92	19.83	26.381	485.17	0
"2013-10-24	18:00:00"	12.96	112	11.71	19.49	10.3	113.2	13.55	16.51	75.73	78.44	-2.714	23.27	20.31	26.378	296.43	0
"2013-10-24	19:00:00"	11.58	99.2	9.12	17.7	9.14	101	10.66	14.72	73.68	75.69	-2.011	28.4	25.62	26.382	95.943	0
"2013-10-24	20:00:00"	9.04	90.1	4.72	11.74	5.683	88.6	7.78	8.75	67.38	68.05	-0.675	34.5	33.07	26.394	1.457	0
"2013-10-24	21:00:00"	10.08	96.2	4.939	12.93	6.583	95.2	6.693	9.35	62.8	62.17	0.638	39.51	39.63	26.416	0	0
"2013-10-24	22:00:00"	11.74	109.7	8.34	15.91	8.38	110	10.9	12.33	61.9	61.88	0.015	43.18	42.2	26.435	0	0
"2013-10-24	23:00:00"	11.79	128.1	7.56	17.7	9.1	129.4	9.2	14.12	61.73	62.59	-0.859	45.46	42.9	26.452	0	0
"2013-10-25	00:00:00"	11.56	132.4	6.577	15.31	8.38	132.4	7.934	12.33	60.33	60.89	-0.566	48.35	45.84	26.464	0	0
"2013-10-25	01:00:00"	9.25	120.7	7.435	13.52	6.435	120	9.97	11.14	56.47	57.32	-0.851	53.9	51.72	26.464	0	0
"2013-10-25	02:00:00"	8.38	108.7	8.16	11.74	5.15	100.5	11.49	7.561	53.59	53.19	0.392	59.82	59.76	26.464	0	0
"2013-10-25	03:00:00"	9.39	74.72	12.95	11.74	6.354	72.24	13.01	8.75	50.12	50.54	-0.424	66.59	65.43	26.467	0	0
"2013-10-25	04:00:00"	9.58	67.51	7.55	13.52	7.038	66.99	9.93	11.14	48.94	50.63	-1.688	73.82	70.14	26.473	0	0
"2013-10-25	05:00:00"	10.79	74.87	7.443	14.72	8.01	74.45	9.76	11.14	49.66	54.07	-4.412	76.11	68.58	26.474	0	0
"2013-10-25	06:00:00"	11.68	76.46	7.337	16.51	8.74	76.26	9.48	13.52	49.13	52.33	-3.2	77.95	70.83	26.472	0	0
"2013-10-25	07:00:00"	11	71.45	6.851	15.31	8.24	71.8	9.44	12.93	48.28	51.98	-3.693	79.09	72.34	26.49	0	0
"2013-10-25	08:00:00"	11.32	68.79	7.386	16.51	8.67	70.16	9.91	12.93	47.22	51.29	-4.071	80.9	72.2	26.504	0.47019	0
"2013-10-25	09:00:00"	14.31	77.1	7.905	19.49	10.83	76.8	10.16	16.51	46.69	50.82	-4.133	81.7	73.48	26.494	19.809	0
"2013-10-25	10:00:00"	13.02	62.5	15.33	18.89	10.05	64.72	15.45	14.72	47.93	51.59	-3.663	79.86	71.21	26.514	82.154	0
"2013-10-25	11:00:00"	12.95	35.02	11.93	20.09	10.54	36.86	15.63	17.1	50.22	53.97	-3.747	74.11	66.33	26.55	332.15	0
"2013-10-25	12:00:00"	8.1	9.09	12.16	12.33	6.696	7.747	15.67	11.14	52.48	55.24	-2.762	69.86	64.26	26.577	140.63	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-25	13:00:00"	10.77	68.01	22.18	27.24	8.41	70.22	23.71	22.47	53.01	55.62	-2.618	71.98	67.25	26.537	68.143	0.02	
"2013-10-25	14:00:00"	15.04	93.6	11.45	25.45	11.89	95.2	13.4	20.09	55.18	58.47	-3.287	72.74	68.79	26.47	338	0	
"2013-10-25	15:00:00"	10.27	124.4	14.8	15.91	8.18	125.6	16.13	12.93	60.07	62.67	-2.596	66.29	62.94	26.479	370.95	0	
"2013-10-25	16:00:00"	11.43	113.8	14.57	19.49	9.44	115.8	16.27	15.91	62.3	65.18	-2.874	63.75	58.65	26.443	443.68	0	
"2013-10-25	17:00:00"	15.15	142.8	12.92	23.07	12.05	143.4	13.31	18.3	65.32	68.62	-3.299	56.13	50.54	26.422	389.46	0	
"2013-10-25	18:00:00"	13.51	146.5	11.33	20.68	10.77	146.5	12.01	17.7	64.75	68.06	-3.31	57.12	51.21	26.416	159.37	0	
"2013-10-25	19:00:00"	10.64	126.3	12.61	17.7	8.16	127	13.89	14.72	63.79	66.63	-2.838	58.65	53.4	26.408	47.59	0	
"2013-10-25	20:00:00"	8.62	118.1	9.06	12.33	6.152	117.5	11.47	8.75	62.45	63.71	-1.259	60.68	58.22	26.412	1.7162	0	
"2013-10-25	21:00:00"	8.4	133	9.97	13.52	6.546	132.9	11.09	11.14	60.56	62.22	-1.653	62.8	60.17	26.42	0	0	
"2013-10-25	22:00:00"	9.53	132.7	7.333	12.93	6.667	132.7	8.59	9.95	58.52	60.79	-2.274	66.19	61.79	26.432	0	0	
"2013-10-25	23:00:00"	10.07	146.1	8.14	15.31	7.583	145.5	8.71	11.14	57.15	59.65	-2.495	69.29	65.11	26.433	0	0	
"2013-10-26	00:00:00"	9.33	139.1	9.04	12.93	6.688	138.6	9.95	9.95	56.58	59.87	-3.293	71.26	64.62	26.428	0	0	
"2013-10-26	01:00:00"	8.56	124.2	7.61	12.33	5.742	123.5	10.37	8.75	54.81	57.68	-2.865	75.06	68.17	26.412	0	0	
"2013-10-26	02:00:00"	5.418	56.78	45.18	9.95	3.48	37.42	41.78	6.964	53.2	54.94	-1.744	77.75	71.89	26.41	0	0	
"2013-10-26	03:00:00"	5.869	40.12	20.11	8.75	4.087	30.1	23.59	6.368	53.1	53.97	-0.871	76.92	74.96	26.404	0	0	
"2013-10-26	04:00:00"	7.348	20.49	14.06	12.93	4.989	19.59	17.06	9.95	49.92	52.82	-2.901	82	75.57	26.4	0	0	
"2013-10-26	05:00:00"	7.94	14.54	7.326	11.74	5.076	14.64	13.39	8.75	49.47	53.41	-3.94	83.5	75.32	26.393	0	0	
"2013-10-26	06:00:00"	6.492	27.4	12.61	11.14	4.161	30.05	17.91	8.16	49.69	52.16	-2.468	84.4	75.88	26.379	0	0	
"2013-10-26	07:00:00"	5.72	52.69	18.95	8.16	3.455	48.26	26.03	5.175	51.58	50.75	0.827	82.5	78.86	26.375	0	0	
"2013-10-26	08:00:00"	7.15	125.6	11.74	8.75	3.494	132.2	12.23	6.368	51.84	51.06	0.78	81.1	80.4	26.371	0.31233	0	
"2013-10-26	09:00:00"	6.77	170.9	22.44	9.95	4.873	173.7	25.75	7.561	51.57	53.85	-2.277	82.8	80.6	26.383	60.91	0	
"2013-10-26	10:00:00"	6.077	267	60.2	12.93	5.12	271	58.4	11.74	52.43	54.22	-1.788	83.5	81	26.418	232.95	0	
"2013-10-26	11:00:00"	8.16	348.5	16.88	12.33	6.602	347	18.85	11.74	56.81	61.27	-4.458	76.1	68.95	26.44	404.56	0	
"2013-10-26	12:00:00"	6.71	334.2	28.41	13.52	5.388	333.3	29.74	12.93	59.17	65.49	-6.325	71.66	60.31	26.437	576.36	0	
"2013-10-26	13:00:00"	8.66	305.2	17.87	15.31	6.144	307.6	19.95	11.74	63.29	69.58	-6.284	63.33	53.42	26.428	684.55	0	
"2013-10-26	14:00:00"	8.43	295.4	19.98	14.72	6.012	296.9	21.35	13.52	67.25	71.59	-4.34	53.6	47.02	26.41	727.4	0	
"2013-10-26	15:00:00"	8.8	307.3	26.66	16.51	6.563	307.8	27.73	14.12	72.59	75.79	-3.193	40.96	36.58	26.38	693.71	0	
"2013-10-26	16:00:00"	10.46	305.9	20.66	20.09	7.103	308	20.85	13.52	74.3	79.13	-4.828	29.81	25.74	26.364	623.11	0	
"2013-10-26	17:00:00"	12.28	326.3	18.26	19.49	9.07	327.9	18.99	17.1	74.7	80.4	-5.743	28.85	24.08	26.36	475.8	0	
"2013-10-26	18:00:00"	12.07	350	16.67	19.49	9.41	347.6	16.79	17.1	73.54	78.45	-4.905	30.67	26.25	26.364	289.14	0	
"2013-10-26	19:00:00"	13.91	9.06	9.88	20.68	10.7	6.943	14.95	18.89	72.4	76.69	-4.294	33.15	28.58	26.378	87.941	0	
"2013-10-26	20:00:00"	12.41	8.39	8.49	17.1	9.23	5.375	13.38	14.72	67.81	70.64	-2.831	36.3	32.59	26.401	1.2283	0	
"2013-10-26	21:00:00"	10.94	11.3	6.66	15.91	7.811	8.16	11.19	12.33	63.41	65.24	-1.828	41.73	38.91	26.423	0	0	
"2013-10-26	22:00:00"	11.51	16.76	6.46	15.91	8.39	16.43	12.4	13.52	60.86	63.58	-2.72	45.89	41.2	26.444	0	0	
"2013-10-26	23:00:00"	11.68	25.52	5.588	15.31	8.66	26.87	10.21	12.33	58.42	61.33	-2.904	48.32	42.86	26.457	0	0	
"2013-10-27	00:00:00"	11.39	28.37	6.943	15.91	8.6	29.68	10.62	12.93	56.12	59.07	-2.956	50.98	45.2	26.466	0	0	
"2013-10-27	01:00:00"	9.4	32.39	5.82	13.52	6.689	33.63	8.95	9.95	53.7	56.83	-3.128	55.03	48.76	26.465	0	0	
"2013-10-27	02:00:00"	11.83	34.87	6.281	15.31	8.89	36.21	8.88	12.93	52.93	55.56	-2.631	55.78	50.32	26.45	0	0	
"2013-10-27	03:00:00"	9.32	27.59	10.03	13.52	6.571	26.78	14.28	11.14	50.96	53.76	-2.804	57.96	51.68	26.441	0	0	
"2013-10-27	04:00:00"	9.33	16.52	8.69	12.93	6.464	15.08	15.33	9.35	47.18	49.85	-2.67	64.01	58.06	26.428	0	0	
"2013-10-27	05:00:00"	6.138	357.6	16.47	9.35	3.44	345.7	26.47	6.368	44.44	43.47	0.973	67.22	69.19	26.423	0	0	
"2013-10-27	06:00:00"	8.7	1.446	10.49	11.74	4.976	356.2	14.96	7.561	43.67	42	1.67	68.87	72.3	26.416	0	0	
"2013-10-27	07:00:00"	7.812	6.091	6.338	9.35	4.292	1.902	12.25	6.368	42.58	41.54	1.039	70.2	72.72	26.413	0	0	
"2013-10-27	08:00:00"	9.14	6.348	8.98	11.14	5.569	0.293	12.5	8.16	42.36	42.03	0.33	70.57	72.77	26.408	0.27285	0	
"2013-10-27	09:00:00"	6.561	349.8	18.16	9.35	4.235	346.1	19.58	6.964	43.09	43.46	-0.369	68.81	69.49	26.415	56.868	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-27	10:00:00"	4.792	288	31.47	7.561	3.82	288.6	32.27	6.368	47.21	49.9	-2.688	62.05	57.58	26.443	242.24	0	
"2013-10-27	11:00:00"	3.573	255.3	56.79	6.368	2.902	257.8	60.16	6.368	52.17	54.78	-2.612	49	44.08	26.451	434.94	0	
"2013-10-27	12:00:00"	2.242	180.7	62.31	4.578	2.086	167.6	72.12	4.578	57.25	59.35	-2.093	40.54	37.18	26.43	590.33	0	
"2013-10-27	13:00:00"	3.287	212.5	58.51	8.75	2.983	223.3	60.36	8.16	61.26	63.68	-2.428	37.7	34.5	26.407	710.15	0	
"2013-10-27	14:00:00"	3.999	213.3	63.83	8.75	3.537	221.2	70.51	8.16	64.45	66.4	-1.95	32.86	29.99	26.373	755.81	0	
"2013-10-27	15:00:00"	5.216	214.9	35.68	12.33	4.494	218.4	43.79	11.74	66.91	70.3	-3.395	29.14	25.6	26.332	714.49	0	
"2013-10-27	16:00:00"	5.93	206.6	24	11.14	4.969	209.1	28.83	9.95	69.14	73.81	-4.668	27.83	23.58	26.298	625.29	0	
"2013-10-27	17:00:00"	7.737	192.9	21.98	14.12	6.439	194.3	26.32	11.74	70.49	73.2	-2.711	28.46	25.3	26.278	437.83	0	
"2013-10-27	18:00:00"	8.39	185.9	11.55	12.93	6.691	186.6	14.99	11.14	70.04	72.39	-2.353	27.05	24.18	26.266	161.84	0	
"2013-10-27	19:00:00"	7.962	183.4	7.93	12.33	6.235	183.7	11.74	10.54	68.16	70.8	-2.645	30.18	26.81	26.255	54.208	0	
"2013-10-27	20:00:00"	4.16	166.2	16.34	8.16	2.438	155.3	25.18	6.368	64.79	64.33	0.468	33.89	33.36	26.252	1.6216	0	
"2013-10-27	21:00:00"	7.608	158.2	8.06	11.74	5.438	153.9	9	8.16	63.83	64.42	-0.591	36.33	35.01	26.252	0	0	
"2013-10-27	22:00:00"	9.69	154.1	8.34	15.91	7.398	152.6	8.84	12.33	62.42	64.26	-1.845	39.43	36.45	26.256	0	0	
"2013-10-27	23:00:00"	10.85	152	8.3	15.91	8.61	151.3	8.87	13.52	61.21	63.11	-1.893	46.26	42.09	26.257	0	0	
"2013-10-28	00:00:00"	9.55	154.3	9.83	14.12	7.398	153.3	10.75	11.14	59.68	61.82	-2.137	52.18	47.42	26.252	0	0	
"2013-10-28	01:00:00"	9.88	154.5	9.3	14.12	7.704	153.4	9.86	12.33	59.32	61.7	-2.38	58.61	53.46	26.243	0	0	
"2013-10-28	02:00:00"	9.5	156.4	9.87	13.52	7.523	155.7	10.21	12.33	59.15	61.66	-2.51	64.82	59.15	26.232	0	0	
"2013-10-28	03:00:00"	7.502	157.9	9.82	11.74	5.905	155.8	10.17	9.95	58.02	60.36	-2.341	70.24	64.23	26.221	0	0	
"2013-10-28	04:00:00"	6.633	156.7	9.81	11.14	4.9	155.5	10.58	8.16	57.17	58.92	-1.755	76.76	70.98	26.213	0	0	
"2013-10-28	05:00:00"	5.767	149.9	9.78	8.75	3.562	142.4	13.21	5.771	56.64	56.01	0.635	80.9	79.52	26.203	0	0	
"2013-10-28	06:00:00"	6.349	154.1	8.18	9.95	4.376	149.2	8.43	6.368	56.31	55.55	0.761	83.8	84.8	26.202	0.0001	0	
"2013-10-28	07:00:00"	5.268	150.1	16.24	8.16	3.635	135.3	35.29	5.771	56.99	55.91	1.083	85.8	86	26.203	0.2411	0	
"2013-10-28	08:00:00"	3.489	59.22	24.81	5.771	2.168	29.33	32.85	4.578	54.66	52.01	2.657	86.2	85.7	26.208	0.48355	0	
"2013-10-28	09:00:00"	3.105	88.2	16.94	4.578	1.877	24.3	23.65	3.982	54.6	50.62	3.978	87.4	86.2	26.223	33.759	0	
"2013-10-28	10:00:00"	3.234	96.3	33.31	9.95	2.187	85.2	32.79	8.16	55.66	56.15	-0.494	88.2	87.5	26.238	178.46	0	
"2013-10-28	11:00:00"	10.46	171.5	11.36	18.3	8.49	170.4	13.41	14.72	63.43	65.11	-1.687	87.8	80.4	26.247	391.49	0	
"2013-10-28	12:00:00"	14.7	180.4	10.11	21.87	11.67	179.9	14.17	18.3	69.75	71.3	-1.541	70.09	63.3	26.243	570.19	0	
"2013-10-28	13:00:00"	15.15	187.4	11.08	21.87	11.96	189.3	15.15	18.89	73.82	75.5	-1.679	55.27	50.97	26.227	657.35	0	
"2013-10-28	14:00:00"	14.71	204	15.5	23.07	11.97	204.4	17.85	20.68	76.83	78.94	-2.116	44.15	40.02	26.204	701.53	0	
"2013-10-28	15:00:00"	12.98	214	16.45	21.87	10.71	215.2	19.68	20.68	78.7	80.4	-1.663	37.59	34.65	26.181	599.62	0	
"2013-10-28	16:00:00"	11.58	203.2	18.23	21.87	9.47	203.3	21.04	18.3	80.5	81.5	-1.047	31.57	29.27	26.16	604.64	0	
"2013-10-28	17:00:00"	14.66	187.1	13.16	22.47	11.58	187.1	15.81	20.68	81.5	83.8	-2.329	28.13	25.11	26.15	428.13	0	
"2013-10-28	18:00:00"	13.04	189.5	11.98	23.07	10.23	190.5	15.17	17.7	80.4	81.2	-0.71	27.05	25.12	26.156	195.82	0	
"2013-10-28	19:00:00"	10.94	171	10.16	16.51	8.57	169.2	11.89	13.52	78.16	77.39	0.768	32.26	31.36	26.163	50.293	0	
"2013-10-28	20:00:00"	9.97	155.6	8.92	16.51	7.999	154.5	9.52	13.52	73.8	73.68	0.124	48.2	46.58	26.182	0.35433	0	
"2013-10-28	21:00:00"	12.6	155.4	10.46	20.09	10.21	154	10.93	17.1	71.96	73.03	-1.065	60.4	57.23	26.203	0	0	
"2013-10-28	22:00:00"	14.47	168.5	8.24	22.47	11.41	167.9	10.28	17.7	70.65	70.84	-0.191	67.71	65.95	26.219	0	0	
"2013-10-28	23:00:00"	14.98	173.8	7.693	21.28	11.72	172.7	10.57	17.7	67.55	69.2	-1.653	77.32	74.05	26.233	0	0	
"2013-10-29	00:00:00"	12.45	179.6	7.198	17.7	9.66	179.7	10.83	15.31	66.04	67.36	-1.314	82.3	78.23	26.247	0	0	
"2013-10-29	01:00:00"	10.84	182.8	8.64	17.1	8.37	183.9	11.89	13.52	66.06	66.02	0.037	83.1	81.8	26.244	0	0	
"2013-10-29	02:00:00"	13.2	179.4	7.504	20.68	10.29	179	10.74	15.91	66.44	65.03	1.409	84.3	85.6	26.234	0	0	
"2013-10-29	03:00:00"	15.29	180.4	8.23	24.86	11.93	180.5	12.06	21.28	66.14	65.38	0.761	85.2	86.8	26.233	0	0	
"2013-10-29	04:00:00"	15.68	179.9	8.2	23.66	12.2	179.6	11.74	19.49	66.44	65.44	0.997	85.8	87	26.233	0	0	
"2013-10-29	05:00:00"	15.23	177.9	7.423	23.07	11.9	177.2	11.05	19.49	65.92	65.26	0.658	87.1	87.4	26.229	0	0	
"2013-10-29	06:00:00"	14.17	178.9	7.468	22.47	11.2	178.3	11.33	17.1	65.57	64.88	0.69	87.3	87.7	26.233	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-29	07:00:00"	11.88	192.1	14.94	20.68	9.3	193.7	17.35	16.51	65.57	64.44	1.14	86.9	88	26.256	0
"2013-10-29	08:00:00"	14.91	177.2	7.187	21.28	11.63	176.1	10.6	17.7	64.68	64.17	0.515	87.4	87.7	26.256	0
"2013-10-29	09:00:00"	13.41	174.4	7.405	20.68	10.59	173.5	10.12	17.7	65.05	63.89	1.166	86.7	87.5	26.261	0
"2013-10-29	10:00:00"	11.54	185.9	11.74	18.3	9.13	187.2	15.36	14.72	65.23	64.27	0.959	86.5	87.3	26.278	0
"2013-10-29	11:00:00"	12.78	196.1	10.46	19.49	10.06	198.7	12.49	16.51	66.97	66.19	0.777	84.3	83	26.296	0
"2013-10-29	12:00:00"	13.09	189.9	10.73	18.89	10.32	191.7	14.61	15.91	69.29	68.58	0.707	76.65	75.46	26.29	0
"2013-10-29	13:00:00"	11.61	181.5	10.69	16.51	9.15	181.2	14.62	13.52	71.6	71.2	0.394	66.63	64.81	26.275	0
"2013-10-29	14:00:00"	12.27	181.7	9.17	17.7	9.64	181.6	13.73	14.72	74.53	73.73	0.795	51.89	50.85	26.259	0
"2013-10-29	15:00:00"	12.59	182.6	10.09	21.28	9.95	182.3	13.91	17.7	76.58	76.89	-0.307	40.45	38.7	26.233	0
"2013-10-29	16:00:00"	10.63	189.8	15.95	15.91	8.51	189.6	18.63	14.72	79.16	80.1	-0.91	26.4	24.65	26.215	0
"2013-10-29	17:00:00"	10.71	170.1	14.18	15.91	8.66	169.2	16.7	14.12	80.8	81.2	-0.428	23.3	21.6	26.202	0
"2013-10-29	18:00:00"	10.44	175.3	11.27	16.51	8.43	174.6	14.17	14.12	80.8	81.4	-0.651	26.57	24.76	26.204	0
"2013-10-29	19:00:00"	9.99	167.4	8.25	15.91	7.812	165.3	10.09	12.93	78.92	80	-1.104	29.63	27.38	26.202	0
"2013-10-29	20:00:00"	6.654	149	8.89	11.14	4.47	141.3	11.65	8.16	72.82	71.85	0.969	43.03	42.49	26.216	0
"2013-10-29	21:00:00"	9.13	135.1	6.771	13.52	5.96	131.1	8.61	11.74	70.98	68.31	2.671	54.62	56.63	26.225	0
"2013-10-29	22:00:00"	11.55	150.8	8.66	17.1	9.2	150	9.29	14.72	70.11	69.08	1.032	72	72.45	26.229	0
"2013-10-29	23:00:00"	10.34	154.1	9.65	15.91	8.21	153.1	10.29	13.52	68.22	67.9	0.321	77.45	76.97	26.231	0
"2013-10-30	00:00:00"	12.35	159	9.4	20.68	9.93	157	10.07	17.7	66.61	67.04	-0.43	81.8	80.1	26.223	0
"2013-10-30	01:00:00"	15.13	165.9	9.31	25.45	11.99	165.3	11.32	22.47	67.55	67.32	0.238	82.7	81.8	26.212	0
"2013-10-30	02:00:00"	16.26	174.5	7.854	24.86	12.75	173.7	10.76	21.28	67.45	67.49	-0.044	83.6	83.1	26.201	0
"2013-10-30	03:00:00"	17.1	178.6	7.584	25.45	13.3	178	11.44	21.28	67.07	67.56	-0.494	85.5	83.7	26.192	0
"2013-10-30	04:00:00"	16.16	183.8	8.93	23.66	12.58	185.1	12.78	19.49	68.48	68.73	-0.251	83.8	82	26.191	0
"2013-10-30	05:00:00"	13.85	188.7	9	21.87	10.71	191.4	13.28	18.89	67.02	67.73	-0.706	84.2	83	26.182	0
"2013-10-30	06:00:00"	12.29	194.6	8.37	17.1	9.56	198.4	11.14	14.12	66.04	67.49	-1.453	87.1	84.2	26.181	0
"2013-10-30	07:00:00"	9.9	203.6	14.67	16.51	7.864	204.9	16.04	13.52	65.99	67.07	-1.076	87.2	84.2	26.194	0
"2013-10-30	08:00:00"	6.402	206	13.12	11.14	5.241	206.3	15.29	9.95	64.97	65.75	-0.783	87.8	85.7	26.204	0
"2013-10-30	09:00:00"	7.06	209.8	24.2	11.74	5.701	212.3	29.23	9.35	64.38	65.19	-0.81	88.4	86.9	26.216	0
"2013-10-30	10:00:00"	6.64	208.4	20.03	12.33	5.457	208.2	22.44	10.54	64.64	65.34	-0.694	88.8	87.3	26.237	0
"2013-10-30	11:00:00"	5.516	239.5	18.03	8.75	4.449	242.8	20.68	7.561	65.81	66.75	-0.942	85.6	78.72	26.242	0
"2013-10-30	12:00:00"	6.232	221.2	20.94	11.74	5.229	221.2	24.07	9.95	68.85	69.29	-0.437	58.05	55.12	26.237	0
"2013-10-30	13:00:00"	6.008	236.2	19.61	11.74	5.073	239.4	21.94	9.35	70.44	71.08	-0.644	50.92	48.78	26.22	0
"2013-10-30	14:00:00"	8.07	195.9	19.31	13.52	6.539	197.8	22.91	11.74	72.1	72.84	-0.737	44.47	42.35	26.193	0
"2013-10-30	15:00:00"	11.21	217.5	16.49	19.49	9.26	218.5	19.03	17.1	75.84	77.48	-1.637	34.62	32.16	26.155	0
"2013-10-30	16:00:00"	13.81	201	17.04	21.28	11.07	201.8	18.91	19.49	77.32	77.71	-0.398	31.99	30.31	26.131	0
"2013-10-30	17:00:00"	14.48	193.5	10.68	21.28	11.44	195.4	13.12	18.3	76.96	77.72	-0.762	32.1	30.12	26.115	0
"2013-10-30	18:00:00"	12.89	186.3	9.38	20.09	10.03	187.7	13.5	15.91	75.5	76.33	-0.83	37.02	34.91	26.094	0
"2013-10-30	19:00:00"	15.15	259.6	53.29	33.8	9.63	264.7	55.6	22.47	69.68	71.22	-1.538	50.43	48.44	26.114	0
"2013-10-30	20:00:00"	9.31	305.7	21.91	15.91	5.872	311.4	23.19	15.91	61.09	62.63	-1.537	75.28	75.88	26.124	0
"2013-10-30	21:00:00"	8.01	269.6	41.14	17.7	5.466	273	44.38	13.52	61.73	62.47	-0.735	75.19	75.54	26.138	0
"2013-10-30	22:00:00"	7.735	219.7	16.72	12.93	6.305	218.6	19.19	10.54	61.59	61.42	0.166	77.29	78.11	26.128	0
"2013-10-30	23:00:00"	9.68	223.4	13.59	18.89	7.88	223.9	14.38	16.51	62.19	62.08	0.109	76.58	76.53	26.124	0
"2013-10-31	00:00:00"	11.95	239.6	11.69	18.3	9.77	243.2	14.13	17.1	64.21	63.18	1.027	68.23	69.85	26.129	0
"2013-10-31	01:00:00"	10.53	235.4	12.51	17.1	8.45	238.2	14.91	14.72	63.76	62.82	0.948	66.23	68.38	26.13	0
"2013-10-31	02:00:00"	9.1	231.1	12.15	16.51	7.332	232.5	14.64	12.93	61.89	61.45	0.44	70.74	71.46	26.138	0
"2013-10-31	03:00:00"	10.82	310.6	23.34	18.3	6.918	314.3	23.42	14.12	58.5	60.14	-1.64	68.51	67.25	26.165	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-10-31	04:00:00"	10.32	321.5	9.11	16.51	6.92	324.8	10.34	12.33	55.27	57.84	-2.572	50.91	49.22	26.181	0	0
"2013-10-31	05:00:00"	11.85	318.6	10.2	17.1	7.225	322.1	11.62	11.74	52.98	56.43	-3.455	42.72	39.9	26.19	0	0
"2013-10-31	06:00:00"	12.67	303	7.49	20.09	6.784	306.9	10.11	13.52	51.11	54.8	-3.694	43.2	38.44	26.192	0	0
"2013-10-31	07:00:00"	12.95	305.9	7.666	18.3	7.126	309.2	10.23	12.33	48.6	52.26	-3.666	46.52	40.8	26.201	0	0
"2013-10-31	08:00:00"	12.54	303.7	9.19	18.89	6.727	307.6	11.45	11.14	45.81	50.12	-4.305	49.62	43.39	26.216	0.09658	0
"2013-10-31	09:00:00"	11.69	300.7	10.98	15.91	6.476	304.5	13.06	11.14	44.82	47.06	-2.239	52.46	51.23	26.23	53.107	0
"2013-10-31	10:00:00"	15.67	315.8	8.52	23.66	10.51	318.5	10.64	19.49	49.79	54.9	-5.111	43.47	38.03	26.265	240.85	0
"2013-10-31	11:00:00"	21.81	315.7	8.38	35.59	14.57	318.5	10.64	28.43	56.16	61.07	-4.908	32.86	28.97	26.28	434.94	0
"2013-10-31	12:00:00"	25.32	313.9	9.23	36.19	16.49	316.9	10.83	30.22	58.75	63.85	-5.094	27.87	24.04	26.27	595.71	0
"2013-10-31	13:00:00"	23.74	314	9.16	34.4	15.66	317.4	11.16	27.84	60.97	66.56	-5.591	24.38	20.37	26.261	702.87	0
"2013-10-31	14:00:00"	20.2	306.9	10.78	29.03	12.52	310.2	12.77	21.87	62.79	69.21	-6.418	22.31	18	26.241	744.01	0
"2013-10-31	15:00:00"	17.97	298.2	14.25	28.43	11.18	301.9	15.38	21.87	64.61	71.17	-6.559	20.75	16.55	26.212	699.84	0
"2013-10-31	16:00:00"	15.86	286.5	13.15	23.66	10.68	290.1	15.59	19.49	66.51	72.25	-5.748	18.14	14.68	26.189	623.82	0
"2013-10-31	17:00:00"	13	280.3	14.78	23.07	9.11	284.8	16.03	18.89	67.59	72.18	-4.598	17.13	14.38	26.174	472.83	0
"2013-10-31	18:00:00"	11.16	263.1	21.57	17.7	8.35	267.8	22.83	15.91	68.98	71.47	-2.493	16.73	14.83	26.164	284.13	0
"2013-10-31	19:00:00"	9.64	233.7	19.24	16.51	7.789	235.5	24.41	14.72	68.75	68.88	-0.126	18.95	17.79	26.157	84.636	0
"2013-10-31	20:00:00"	6.552	203.9	12.26	11.74	4.87	200.9	11.45	9.95	62.55	62.72	-0.165	26.79	26.05	26.157	0.78485	0
"2013-10-31	21:00:00"	6.197	223.1	15.9	9.35	4.344	220.6	20.99	7.561	59.79	58.88	0.914	29.1	29.21	26.162	0	0
"2013-10-31	22:00:00"	7.445	245.9	13.29	11.14	5.484	247.4	16.4	9.95	58.31	56.65	1.661	33.14	34.29	26.166	0	0
"2013-10-31	23:00:00"	7.429	245	10.14	11.14	5.26	249.1	13.67	8.16	55.98	54.05	1.929	36.02	37.56	26.165	0	0
"2013-11-01	00:00:00"	8.64	259.2	11.35	14.72	5.879	264.8	12.68	11.14	54.61	52.99	1.614	35.51	37.46	26.177	0	0
"2013-11-01	01:00:00"	8.93	278.7	8.43	13.52	5.183	283.1	11.24	8.75	53.26	53.44	-0.183	32.81	33.6	26.186	0	0
"2013-11-01	02:00:00"	6.842	255.2	19.27	11.14	4.498	256	25.43	7.561	52.42	52.34	0.081	33.5	34.52	26.186	0	0
"2013-11-01	03:00:00"	6.846	248.7	14.26	9.95	4.427	251.9	18.95	8.16	52.7	52.71	-0.004	34.35	35.37	26.176	0	0
"2013-11-01	04:00:00"	10.82	300.3	12.59	17.1	5.819	307	15.18	12.93	52.11	53.62	-1.509	32.98	33.22	26.177	0	0
"2013-11-01	05:00:00"	11.77	316.4	6.828	16.51	7.197	319.3	8.97	12.93	50.48	53.69	-3.214	34.13	30.68	26.188	0	0
"2013-11-01	06:00:00"	13.84	314.1	7.036	21.28	8.57	317.6	9.21	16.51	50.76	54.61	-3.845	36.16	31.43	26.194	0	0
"2013-11-01	07:00:00"	18.11	314.9	7.776	29.03	11.85	317.8	9.89	24.86	54.16	57.38	-3.226	34.71	30.42	26.2	0	0
"2013-11-01	08:00:00"	20.62	311.4	7.211	32.61	12.93	315	9.7	26.05	54.01	56.34	-2.327	34.85	31.19	26.214	0.13413	0
"2013-11-01	09:00:00"	18.85	312.3	7.288	27.24	11.87	315.8	9.86	23.07	53.55	56.62	-3.077	35.79	31.37	26.235	49.388	0
"2013-11-01	10:00:00"	18.67	307.1	8.07	26.65	11.02	310.6	10.65	18.89	54.62	58.76	-4.133	35.35	30.27	26.268	234.61	0
"2013-11-01	11:00:00"	18.57	310.6	8.72	26.05	11.54	313.8	11.18	20.09	57.81	62.66	-4.841	31.58	26.56	26.289	426.69	0
"2013-11-01	12:00:00"	17.02	320.2	13.35	26.05	11.82	321.7	14.47	21.87	61.7	67.1	-5.406	26.44	21.89	26.3	584.72	0
"2013-11-01	13:00:00"	19.71	341.5	11.18	29.03	15.37	340.8	12.65	24.26	64.83	69.12	-4.285	21.91	18.67	26.305	692	0
"2013-11-01	14:00:00"	18.56	358.3	15.8	26.65	14.63	355.3	18.68	23.07	66.82	71.26	-4.436	20.45	17.32	26.302	731.37	0
"2013-11-01	15:00:00"	15.72	11.49	18.65	26.65	12.51	9.67	23.12	24.86	67.81	72.51	-4.693	19.48	16.23	26.295	685.52	0
"2013-11-01	16:00:00"	13.62	12.33	16.15	22.47	10.9	11.9	21.54	19.49	68.72	73.1	-4.378	18.45	15.46	26.294	608.19	0
"2013-11-01	17:00:00"	11.89	16.94	22.11	21.28	9.62	17.94	25.3	18.3	68.76	73.01	-4.244	18.2	15.22	26.303	459.3	0
"2013-11-01	18:00:00"	9.04	1.257	20.06	15.91	7.2	0.399	21.58	13.52	68.81	72.78	-3.965	17.61	15.07	26.314	272.79	0
"2013-11-01	19:00:00"	7.248	23.03	17.48	12.93	5.242	23.01	19.97	9.95	67.66	71.58	-3.929	19.44	16.78	26.331	79.296	0
"2013-11-01	20:00:00"	7.274	46.09	7.533	9.95	4.17	47.52	11.47	5.771	62.9	64.82	-1.917	24.52	23.26	26.355	0.73252	0
"2013-11-01	21:00:00"	8.73	56.83	4.069	11.14	4.903	55.78	7.575	6.964	59.97	61.8	-1.831	27.34	26.37	26.382	0	0
"2013-11-01	22:00:00"	8.8	73.47	4.318	11.74	4.609	65.88	9.29	7.561	57.08	58.93	-1.842	31.59	30.18	26.408	0	0
"2013-11-01	23:00:00"	8.04	74.02	8.5	9.35	4.301	67.67	13.66	5.771	53.81	55.17	-1.356	36.73	35.8	26.428	0	0
"2013-11-02	00:00:00"	8.95	75.44	4.583	11.14	4.875	65.52	10.25	6.964	51.94	52.91	-0.967	40.01	39.88	26.447	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-02	01:00:00"	9.13	77.89	3.913	9.95	5.012	67.31	9.54	7.561	50.57	52.09	-1.521	42.11	41.37	26.458	0	0
"2013-11-02	02:00:00"	9.34	70.54	4.237	11.14	5.424	64.26	9.27	7.561	49.84	51.89	-2.049	43.28	41.52	26.473	0	0
"2013-11-02	03:00:00"	9.43	64.71	6.837	11.74	5.627	62.16	9.47	8.16	48.5	50.87	-2.374	45.91	42.65	26.489	0	0
"2013-11-02	04:00:00"	9.25	51.14	7.747	12.93	6.376	53.63	10	9.95	48.29	51.05	-2.756	46	41.8	26.495	0	0
"2013-11-02	05:00:00"	9.39	50.11	7.835	12.33	6.637	52.7	9.51	9.95	47.92	48.35	-0.427	47.74	45.75	26.499	0	0
"2013-11-02	06:00:00"	6.687	38.75	6.835	10.54	4.532	30.97	10.62	8.75	44.45	45.54	-1.093	54.28	51.96	26.508	0	0
"2013-11-02	07:00:00"	6.094	36.71	6.148	8.16	4.005	23.02	10.97	5.771	42.45	42.35	0.096	58.78	59.27	26.513	0	0
"2013-11-02	08:00:00"	6.049	26.81	4.028	7.561	4.239	8.85	8.65	5.771	41.33	41.77	-0.439	60.36	60.73	26.526	0.12578	0
"2013-11-02	09:00:00"	6.308	27.4	6.573	7.561	4.09	12.67	9.97	5.771	42.2	41.45	0.752	58.45	61.81	26.547	45.506	0
"2013-11-02	10:00:00"	5.167	84.4	33.01	9.95	4.238	82.1	39.71	8.75	48	50.09	-2.085	49.86	51.17	26.576	225.41	0
"2013-11-02	11:00:00"	11.03	137.1	10.4	17.7	8.9	137.9	11.11	14.72	55.58	58.49	-2.913	36.48	32.92	26.589	416.29	0
"2013-11-02	12:00:00"	13.09	153.5	13.16	19.49	10.7	153.2	13.59	17.7	58.42	62.62	-4.2	30.2	25.97	26.58	574.72	0
"2013-11-02	13:00:00"	13.15	166.5	14.67	21.87	10.63	165.4	16.45	17.7	61.31	65.62	-4.312	27.25	23.03	26.56	681.3	0
"2013-11-02	14:00:00"	12.66	173.8	16.68	20.09	10.24	172.9	19.5	18.3	64.13	68.5	-4.375	26.22	22.04	26.526	723.16	0
"2013-11-02	15:00:00"	13.1	179.2	14.76	21.87	10.6	179.4	17.86	17.7	65.99	70.23	-4.24	24.61	20.61	26.486	684.04	0
"2013-11-02	16:00:00"	11.62	182.4	14.43	20.09	9.42	182.6	18.74	16.51	66.96	71.72	-4.751	23.71	19.45	26.455	606.32	0
"2013-11-02	17:00:00"	11.58	180.4	13.54	20.09	9.3	181.4	16.6	17.1	67.47	72.12	-4.644	22.69	18.63	26.434	459.61	0
"2013-11-02	18:00:00"	11.13	175.7	10.55	17.1	8.85	175.5	14.04	14.12	67.19	71.72	-4.531	22.22	18.26	26.423	273.48	0
"2013-11-02	19:00:00"	9.44	176.5	10.03	13.52	7.382	175.5	13.78	12.33	66.18	69.58	-3.4	23.5	19.98	26.416	78.119	0
"2013-11-02	20:00:00"	8.18	152	10.1	12.33	5.967	150.4	10.09	9.35	61.83	63.86	-2.032	27.58	24.62	26.407	0.61784	0
"2013-11-02	21:00:00"	9.88	142	9.36	13.52	6.948	140.8	10.62	11.14	58.45	59.82	-1.365	30.21	28	26.409	0	0
"2013-11-02	22:00:00"	10.24	152.6	7.861	14.72	7.852	149.8	8.48	13.52	56.33	58.56	-2.226	31.99	28.96	26.414	0	0
"2013-11-02	23:00:00"	11.18	153.8	8.62	17.1	8.78	152.9	8.68	14.12	54.61	56.92	-2.311	34.55	31.21	26.404	0	0
"2013-11-03	00:00:00"	9.46	159.7	9.58	15.31	7.379	159.2	10.11	12.93	53.74	54.52	-0.785	35.6	33.65	26.393	0	0
"2013-11-03	01:00:00"	9.06	166.5	8.1	12.93	6.757	165.4	8.77	10.54	50.95	50.62	0.323	38	37.23	26.376	0	0
"2013-11-03	02:00:00"	10.18	170.7	6.765	14.72	7.529	168.2	8.96	11.74	51.37	50.15	1.215	37.85	37.93	26.355	0	0
"2013-11-03	03:00:00"	10.65	171.5	8.4	14.72	7.937	169.9	10.38	11.74	51.1	51.28	-0.175	39.16	38.33	26.333	0	0
"2013-11-03	04:00:00"	8.15	179.5	10.08	13.52	5.807	178.9	14.76	10.54	48.19	48.79	-0.595	43.88	42.27	26.313	0	0
"2013-11-03	05:00:00"	10.94	173	7.666	15.31	8.25	171.1	9.33	12.33	49.89	50.51	-0.629	44.96	42.99	26.294	0	0
"2013-11-03	06:00:00"	8.46	162.7	10.58	14.72	6.462	161.1	12.11	11.14	47.83	49.92	-2.094	48.5	44.19	26.265	0	0
"2013-11-03	07:00:00"	5.178	138.2	16.53	8.75	3.204	123.9	22.02	5.771	45.53	46.02	-0.486	52.42	50.67	26.253	0	0
"2013-11-03	08:00:00"	8	172.8	8.56	16.51	5.978	171	12.33	11.74	47.37	46.57	0.798	50.23	49.78	26.249	0.03894	0
"2013-11-03	09:00:00"	11.68	174.3	10.13	19.49	9.12	173.7	12.49	15.31	52.4	52.4	-0.007	41.59	40.69	26.239	12.203	0
"2013-11-03	10:00:00"	14.56	176.7	7.073	22.47	11.26	176.5	10.46	17.7	53.29	54.03	-0.738	39.7	37.8	26.253	69.939	0
"2013-11-03	11:00:00"	16.81	180	8.01	24.86	13.26	179.4	11.62	20.09	55.15	56.07	-0.921	38.56	36.51	26.26	251.33	0
"2013-11-03	12:00:00"	19.34	180.6	8.6	25.45	15.18	180	12.69	21.87	58.31	60.26	-1.948	35.6	32.61	26.237	376.45	0
"2013-11-03	13:00:00"	17.55	183.5	8.93	25.45	13.67	183.7	13.56	20.68	59.52	61.77	-2.247	34.9	31.69	26.228	249.35	0
"2013-11-03	14:00:00"	18.96	183.1	10.95	28.43	14.78	183	14.47	22.47	60.35	63.15	-2.799	36.65	32.81	26.202	353.12	0
"2013-11-03	15:00:00"	17.22	177.1	8.45	25.45	13.55	176	11.72	21.28	61.68	64.75	-3.067	39.11	35.07	26.157	336.72	0
"2013-11-03	16:00:00"	15.61	180.6	9.28	23.66	12.31	180.4	12.74	19.49	60.79	64.28	-3.492	44.41	38.68	26.154	221.58	0
"2013-11-03	17:00:00"	15.85	168.7	12.7	22.47	12.68	167.7	14.47	19.49	60.29	63.63	-3.344	46.65	40.86	26.133	262.11	0
"2013-11-03	18:00:00"	17.25	169.6	9.4	24.26	13.73	168.6	11.24	21.28	58.76	62.42	-3.66	50.33	43.71	26.12	212.85	0
"2013-11-03	19:00:00"	16.81	174	6.765	23.66	13.19	173.1	9.72	19.49	56.11	58.98	-2.878	56.25	50.28	26.12	34.601	0
"2013-11-03	20:00:00"	13.79	173.9	7.953	21.28	10.81	173.3	10.44	17.7	53.14	55.74	-2.596	62.69	56.82	26.133	0.67466	0
"2013-11-03	21:00:00"	11.92	172.9	8.19	19.49	9.39	172.2	10.64	15.31	51.34	53.62	-2.279	68.69	63.18	26.137	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-03	22:00:00"	11.36	172.4	9.91	15.91	8.93	171.4	11.61	13.52	50.73	52.22	-1.493	71.72	67.35	26.13	0
"2013-11-03	23:00:00"	13.16	178.1	6.66	18.3	10.3	177.6	10.33	15.91	49.85	52.05	-2.201	76.06	70.7	26.15	0
"2013-11-04	00:00:00"	12.55	181.6	7.732	17.7	9.78	182.4	11.58	14.72	50	52.12	-2.124	76.23	71.08	26.151	0
"2013-11-04	01:00:00"	9.98	183	8.18	17.1	7.774	184.1	12.02	14.72	49.22	51.16	-1.943	75.87	71.12	26.148	0
"2013-11-04	01:00:00"	7.705	195.8	8.97	11.14	5.708	199.7	10.78	8.75	47.89	49.49	-1.599	77.49	73.46	26.139	0
"2013-11-04	02:00:00"	7.969	192.6	11.48	13.52	5.913	195.6	12.64	9.95	46.92	48.41	-1.498	78.99	75.37	26.142	0
"2013-11-04	03:00:00"	5.755	210.4	12.09	8.75	4.316	213.9	14.71	8.16	46.46	47.08	-0.619	79.59	77.43	26.134	0
"2013-11-04	04:00:00"	6.028	218.8	14.08	9.95	4.746	218.9	18.1	7.561	46.74	47.68	-0.933	78.31	76.37	26.132	0
"2013-11-04	05:00:00"	6.431	251.4	12.93	9.95	4.428	261.7	15.65	7.561	47.04	47.46	-0.417	78.52	76.92	26.14	0
"2013-11-04	06:00:00"	6.01	239.7	8.2	8.16	4.174	250.5	12.3	6.964	47.27	47.71	-0.438	78.36	77	26.138	0
"2013-11-04	07:00:00"	6.583	214	12.07	9.35	4.84	217.3	13.53	8.16	46.89	47.84	-0.953	79.41	77.23	26.144	0.02609
"2013-11-04	08:00:00"	6.223	209.4	12	11.14	4.867	206.4	13.91	8.75	46.56	48.57	-2.008	81	77.69	26.166	38.862
"2013-11-04	09:00:00"	6.371	210.9	12.43	9.95	5.327	214.2	16.03	8.75	49.23	54.46	-5.223	80.7	72.97	26.188	245.88
"2013-11-04	10:00:00"	6.665	209.5	15.26	11.74	5.6	213.9	19.32	9.95	55.33	61.62	-6.286	72.98	62.24	26.21	394.79
"2013-11-04	11:00:00"	7.617	216.5	13.87	12.33	6.377	220.6	17.47	11.14	59.92	67.6	-7.679	66.2	53.14	26.22	550.25
"2013-11-04	12:00:00"	7.242	212.1	17.68	14.72	6.042	216.6	22.75	11.74	62.96	71.56	-8.6	60.4	46.41	26.213	543.05
"2013-11-04	13:00:00"	6.531	191.1	22.81	10.54	5.493	191.1	26.57	9.95	66.67	74.65	-7.988	53.18	41.72	26.188	692.73
"2013-11-04	14:00:00"	5.783	174.4	32.51	13.52	4.945	176.1	41.29	12.33	69.67	78.96	-9.29	45.8	34.54	26.157	651.7
"2013-11-04	15:00:00"	7.872	147.3	24.17	15.31	6.505	148.9	27.06	13.52	71.92	80	-8.08	42.43	33.08	26.133	567.7
"2013-11-04	16:00:00"	8.08	163.9	21.93	14.72	6.596	164.2	23.12	12.33	72.06	78.03	-5.973	40.6	33.58	26.126	205.95
"2013-11-04	17:00:00"	11.36	154.4	17.43	19.49	9.16	153.5	18.1	15.91	72.38	77.45	-5.068	41.69	35.17	26.122	242.6
"2013-11-04	18:00:00"	11.11	138.3	10.55	17.1	8.57	138.2	10.81	15.31	70.67	74.54	-3.871	44.41	38.04	26.127	43.736
"2013-11-04	19:00:00"	14.5	134.4	7.473	22.47	11.06	134.9	8.86	17.1	67.59	68.73	-1.141	54.95	51.28	26.139	0.39272
"2013-11-04	20:00:00"	15.78	141.2	7.344	21.28	12.37	141.4	8.22	18.89	64.67	64.76	-0.09	62.97	61.77	26.154	0
"2013-11-04	21:00:00"	15.9	144.8	7.844	23.07	12.45	144.8	8.71	20.09	62.67	64.08	-1.406	67.34	63.5	26.168	0
"2013-11-04	22:00:00"	14.83	150.2	9.41	22.47	11.91	149.5	9.8	18.89	60.69	61.42	-0.733	66.52	63.77	26.175	0
"2013-11-04	23:00:00"	13.85	156.8	8.89	21.87	11.37	155.3	9.72	19.49	59.37	59.87	-0.501	69.58	66.89	26.178	0
"2013-11-05	00:00:00"	13.92	161.1	9.78	22.47	11.2	159.5	10.7	19.49	57.72	59.19	-1.471	75.91	72.19	26.172	0
"2013-11-05	01:00:00"	14.91	168.7	8.11	21.87	11.67	168.1	10.47	20.09	58.22	58.71	-0.494	76.59	74.05	26.164	0
"2013-11-05	02:00:00"	13.76	168.3	8.76	19.49	10.91	167.3	10.76	17.1	56.39	57.85	-1.46	78.79	75.32	26.154	0
"2013-11-05	03:00:00"	13.36	172.3	6.848	19.49	10.29	171.6	9.63	15.31	56.09	56.97	-0.883	80.4	77.32	26.154	0
"2013-11-05	04:00:00"	11.56	173.5	7.488	18.89	9.07	173.2	10.03	15.91	55.11	56.94	-1.832	82.7	79.3	26.153	0
"2013-11-05	05:00:00"	14.64	176.9	8.18	20.68	11.45	176.5	11.94	18.3	56.3	56.64	-0.341	84.3	83.3	26.152	0
"2013-11-05	06:00:00"	12.94	173.8	7.67	20.09	10.2	172.5	10.21	17.1	56.02	56.7	-0.679	84.5	83	26.15	0
"2013-11-05	07:00:00"	9.31	182.2	9.93	15.31	7.27	183	13.37	12.33	55.33	55.32	0.017	85.2	84.6	26.161	0.01879
"2013-11-05	08:00:00"	9.56	181.7	8.1	14.72	7.543	181.4	11.54	11.74	55.13	55.11	0.014	85.9	85.5	26.17	14.279
"2013-11-05	09:00:00"	10.58	185.5	9.96	16.51	8.25	187.2	13.9	14.72	55.71	56.46	-0.75	86.1	85.1	26.198	88.227
"2013-11-05	10:00:00"	11.66	192	12.11	17.1	9.34	192.6	15.01	14.72	58.97	61.3	-2.332	82.2	76.35	26.214	350.1
"2013-11-05	11:00:00"	11.03	201.7	15.14	17.1	9.09	200.6	16.92	14.72	62.86	65.9	-3.035	69.7	62.83	26.217	446.37
"2013-11-05	12:00:00"	10.84	227.6	21	18.89	9.09	229.5	24.21	15.91	67.28	69.76	-2.48	57.33	52.18	26.207	661.39
"2013-11-05	13:00:00"	17.03	254.2	13.88	28.43	13.34	259.2	16.44	23.07	72.01	74.21	-2.202	35.14	31.99	26.188	547.36
"2013-11-05	14:00:00"	16.39	258	15.23	26.05	12.71	263.1	17.91	21.87	73.06	76.88	-3.825	30.1	26.13	26.166	494.47
"2013-11-05	15:00:00"	13.74	251.5	16.5	25.45	10.96	256.3	19.58	21.87	73.33	77.14	-3.809	31.19	27.12	26.156	519.31
"2013-11-05	16:00:00"	12.92	243	15.87	21.87	10.57	245.6	19.18	19.49	73.89	77.05	-3.158	29.9	26.34	26.154	425.12
"2013-11-05	17:00:00"	13.77	263.9	13.38	25.45	10.51	268.8	15.8	20.09	73.2	76.57	-3.373	28.07	24.56	26.168	224.83

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-05	18:00:00"	12.32	268.1	8.42	19.49	9.47	272.9	10.44	16.51	71.04	73.18	-2.139	25.47	22.66	26.188	46.477	0	
"2013-11-05	19:00:00"	10.53	280.2	8.89	17.1	6.443	288.7	12.79	13.52	68.06	69.67	-1.606	27.81	25.58	26.21	0.35467	0	
"2013-11-05	20:00:00"	8.57	297.2	13.56	12.33	4.289	310.5	15.75	8.16	64.14	65.2	-1.056	32.21	30.74	26.233	0	0	
"2013-11-05	21:00:00"	9.67	302.2	11.69	13.52	4.885	310.1	11.31	8.75	62.06	60.75	1.309	35.5	36.16	26.253	0	0	
"2013-11-05	22:00:00"	11.88	337.4	21.16	18.89	8.41	337.3	20.2	14.72	62.22	62.4	-0.18	36.71	35.65	26.283	0	0	
"2013-11-05	23:00:00"	12.69	357.8	14.01	18.3	9.57	354.9	13.88	15.91	61.38	62.39	-1.012	38.07	36.41	26.307	0	0	
"2013-11-06	00:00:00"	20.62	3.61	14.54	35	15.7	0.514	17.05	30.82	60.28	62.49	-2.21	34.55	31.61	26.318	0	0	
"2013-11-06	01:00:00"	18.82	19.45	8.06	27.24	14.46	18.83	15.17	24.26	55.04	58.17	-3.134	47.27	41.79	26.36	0	0	
"2013-11-06	02:00:00"	15.19	28.05	9.36	23.66	11.95	29.78	12.86	21.28	49.13	52.54	-3.414	62.98	56.49	26.391	0	0	
"2013-11-06	03:00:00"	12.15	40.31	15.08	18.3	9.39	42.31	17.96	16.51	47.2	50.36	-3.161	65.51	60.86	26.415	0	0	
"2013-11-06	04:00:00"	12.75	31.33	8.63	20.09	10.04	33.4	11.59	16.51	45.81	49.02	-3.211	59.2	55.09	26.431	0	0	
"2013-11-06	05:00:00"	13.12	8.47	13.04	19.49	9.94	5.532	15.71	15.91	45.08	48.97	-3.887	56.97	50.72	26.432	0	0	
"2013-11-06	06:00:00"	13.16	5.14	10.78	18.89	9.94	1.126	12.84	16.51	42.72	45.21	-2.494	57.14	52.46	26.455	0	0	
"2013-11-06	07:00:00"	13.26	11.79	8.8	20.09	10.27	9.95	14.23	17.1	40.17	43	-2.833	58.05	53.52	26.475	0.04922	0	
"2013-11-06	08:00:00"	12.36	7.551	11.11	20.09	9.6	4.476	14.93	16.51	38.83	43.12	-4.29	60.03	53.03	26.501	36.382	0	
"2013-11-06	09:00:00"	15.27	10.55	10.11	21.28	11.93	8.87	14.4	18.3	40.36	45.39	-5.03	53.3	44.88	26.536	214.23	0	
"2013-11-06	10:00:00"	14.56	16.97	9.46	20.68	11.57	16.66	15.65	17.1	44.51	49.95	-5.444	35.53	30.54	26.563	406.76	0	
"2013-11-06	11:00:00"	10.21	21.44	14.43	16.51	8.43	22.84	19.09	14.72	48.6	55.67	-7.062	27.46	22.23	26.574	566.93	0	
"2013-11-06	12:00:00"	8.04	32.14	20.42	14.72	6.712	34.39	25.94	12.33	52.33	58.51	-6.177	23.64	19.15	26.571	675.83	0	
"2013-11-06	13:00:00"	8.09	12.47	22.93	15.31	6.822	13.85	28.77	15.31	55.4	61.94	-6.542	21.6	17.22	26.557	718.65	0	
"2013-11-06	14:00:00"	7.842	11.96	21.91	14.12	6.492	13.6	29.68	14.12	57.64	62.72	-5.087	20.48	16.55	26.538	678.48	0	
"2013-11-06	15:00:00"	6.968	327.6	30.05	12.93	5.459	326.8	31.44	11.74	58.98	62.68	-3.704	19.21	16.25	26.522	601.94	0	
"2013-11-06	16:00:00"	4.496	275.8	79.4	10.54	3.703	283.4	76.21	9.35	59.15	64.08	-4.924	18.77	15.29	26.515	453.62	0	
"2013-11-06	17:00:00"	5.326	309.5	27.17	11.74	3.906	311	30.1	9.95	60.07	64.29	-4.22	17.61	14.64	26.516	266.16	0	
"2013-11-06	18:00:00"	2.405	243.8	80.9	5.771	1.795	244.1	74.56	5.771	59.4	62.08	-2.675	18.12	15.86	26.521	71.624	0	
"2013-11-06	19:00:00"	3.287	141.1	32.85	6.368	2.383	122.5	40.05	5.771	57.01	55.81	1.198	20.37	21.67	26.528	0.43513	0	
"2013-11-06	20:00:00"	6.294	115.4	7.067	7.561	3.425	103.6	12.59	5.771	55.34	50.64	4.699	20.91	26.95	26.536	0	0	
"2013-11-06	21:00:00"	7.276	124.8	6.18	8.16	2.898	108.7	10.97	4.578	52.98	47.55	5.426	22.63	29.16	26.545	0	0	
"2013-11-06	22:00:00"	8.27	130.4	5.8	11.14	4.016	122	10.7	6.368	50.01	47.1	2.908	25.74	28.69	26.559	0	0	
"2013-11-06	23:00:00"	4.364	161.4	26.33	7.561	2.144	165.6	49.9	4.578	47.66	46.14	1.514	27.97	29.56	26.566	0	0	
"2013-11-07	00:00:00"	3.233	205.5	31.19	5.175	1.773	239.3	28.31	3.386	47.11	45.19	1.922	28.07	30.07	26.572	0	0	
"2013-11-07	01:00:00"	2.943	234.6	9.92	4.578	1.391	255.8	28.89	3.386	46.39	44.52	1.874	29.12	30.97	26.579	0	0	
"2013-11-07	02:00:00"	3.834	173.7	16.87	5.175	1.473	118.8	56.47	2.789	46.65	43.82	2.825	28.8	31.72	26.584	0	0	
"2013-11-07	03:00:00"	4.121	180.5	8.08	5.771	1.781	166.5	19.52	2.789	46.03	43.49	2.541	29.55	32.47	26.59	0	0	
"2013-11-07	04:00:00"	3.363	203.9	20.4	5.175	1.337	209.7	57.39	3.982	44.7	42.54	2.156	30.83	32.96	26.596	0	0	
"2013-11-07	05:00:00"	3.951	212.7	11.72	5.771	2.069	215.5	24.37	4.578	44.38	42.56	1.822	31.98	33.2	26.605	0	0	
"2013-11-07	06:00:00"	3.315	217.3	16.47	5.175	1.997	237.6	30.74	3.982	43.38	42.25	1.133	34.06	34.7	26.615	0	0	
"2013-11-07	07:00:00"	3.128	191.2	12.96	4.578	1.589	203.9	33.83	3.386	42.83	41.54	1.295	34.94	35.84	26.631	0.0591	0	
"2013-11-07	08:00:00"	3.402	176.7	13.35	5.175	1.46	158.5	27.84	2.789	42.41	40.8	1.613	36.5	38.21	26.645	17.821	0	
"2013-11-07	09:00:00"	4.32	166.9	10.1	6.964	2.755	163.2	16.91	6.368	42.89	43.28	-0.393	39.25	39.38	26.669	124.02	0	
"2013-11-07	10:00:00"	6.474	177.6	9.67	11.74	5.283	177.3	13.44	9.95	47.49	50.74	-3.253	37.7	34.4	26.69	293.64	0	
"2013-11-07	11:00:00"	9.83	182.9	9.81	14.12	7.888	182.4	13.65	14.12	51.65	55.74	-4.089	35.18	30.32	26.694	381.17	0	
"2013-11-07	12:00:00"	8.79	187.2	14.18	14.12	7.161	188.1	17.5	12.33	54.15	54.95	-0.791	31.33	29.43	26.688	475.23	0	
"2013-11-07	13:00:00"	8.43	173.9	15.87	15.31	6.998	173.2	18.95	12.93	57.41	59.86	-2.443	24.82	21.95	26.666	557.55	0	
"2013-11-07	14:00:00"	10.19	153.4	17.92	17.1	8.35	153.3	19.78	14.72	59.02	62.34	-3.317	22.85	19.47	26.632	508.76	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-07	15:00:00"	10.93	161.6	15.61	19.49	8.87	161.3	16.89	16.51	60.79	64.86	-4.077	21.32	17.78	26.605	422.68	0	
"2013-11-07	16:00:00"	12.12	155.4	13.04	18.89	9.85	154	13.75	17.7	60.79	65	-4.209	19.74	16.11	26.589	243.21	0	
"2013-11-07	17:00:00"	11.28	150.4	13.25	17.1	9.07	150.1	13.13	14.72	60.12	62.12	-2.003	20.29	17.7	26.587	134.19	0	
"2013-11-07	18:00:00"	9.81	148.9	8.75	14.72	7.825	147.9	9.43	12.93	57.19	59.41	-2.214	23.19	20.36	26.586	28.888	0	
"2013-11-07	19:00:00"	8.17	145.8	7.546	11.14	5.965	145.3	7.451	9.95	53.72	54.36	-0.636	26.47	24.59	26.583	0.53331	0	
"2013-11-07	20:00:00"	8.99	149.1	7.284	14.72	6.896	148.4	7.505	12.93	52.18	53.24	-1.067	28.17	26.19	26.582	0	0	
"2013-11-07	21:00:00"	9.68	146.8	7.61	14.12	7.38	146.5	8.24	11.74	51.73	52.55	-0.819	27.36	25.28	26.579	0	0	
"2013-11-07	22:00:00"	9.46	148.2	8.2	13.52	7.334	147.7	8.69	12.33	49.33	49.54	-0.212	30.24	28.9	26.575	0	0	
"2013-11-07	23:00:00"	9.12	156.5	9.97	14.72	7.381	154.4	10.26	12.33	50.66	49.79	0.874	30.36	29.28	26.569	0	0	
"2013-11-08	00:00:00"	6.283	150.9	10.23	9.35	4.605	148.3	12.14	8.16	46.13	46.99	-0.855	34.17	32.32	26.558	0	0	
"2013-11-08	01:00:00"	5.126	148.2	9.38	8.75	3.315	142.3	11.32	6.368	45.3	45.02	0.277	36.31	35.63	26.541	0	0	
"2013-11-08	02:00:00"	6.82	146.9	8.57	11.74	4.611	142.1	11.77	8.16	44.59	43.85	0.739	38	37.71	26.526	0	0	
"2013-11-08	03:00:00"	8.04	137.9	6.966	10.54	5.484	135.6	8.49	8.75	45.62	44.25	1.372	38.06	38.06	26.508	0	0	
"2013-11-08	04:00:00"	7.779	145.5	8.01	11.14	5.734	144.8	8.67	8.75	44.74	44.7	0.039	39.2	38.1	26.494	0	0	
"2013-11-08	05:00:00"	8.4	145.4	9.35	12.93	6.274	143.6	10.54	9.95	47.31	45.06	2.253	37.5	37.72	26.479	0	0	
"2013-11-08	06:00:00"	8.26	166.2	12.3	12.93	6.448	165.3	14.28	11.14	44.7	45.71	-1.01	37.37	35.66	26.469	0	0	
"2013-11-08	07:00:00"	7.539	178.7	8.57	10.54	5.801	177.3	12.05	8.75	45.64	46.35	-0.716	36.2	34.62	26.464	0.00278	0	
"2013-11-08	08:00:00"	5.054	208	14.38	10.54	3.912	208.4	15.41	8.16	45.15	46	-0.851	36.74	35	26.468	14.567	0	
"2013-11-08	09:00:00"	6.744	188.5	9.47	11.74	5.173	190.2	12.57	9.35	46.6	47.67	-1.063	36.44	34.78	26.475	71.253	0	
"2013-11-08	10:00:00"	13.24	181.6	8.57	21.28	10.49	181.9	12.4	19.49	53.35	53.74	-0.39	30.52	28.88	26.477	297.91	0	
"2013-11-08	11:00:00"	15.58	181	8.2	21.28	12.22	180.5	12.59	19.49	56.51	57.69	-1.181	27.07	24.97	26.462	267.5	0	
"2013-11-08	12:00:00"	15.06	183.5	9.94	21.87	11.82	184.6	14.23	18.3	55.58	59.27	-3.698	30.01	25.99	26.437	315.07	0	
"2013-11-08	13:00:00"	16.71	186.1	9.51	23.66	13.07	187.9	14.11	20.09	58.25	61.53	-3.283	29.59	25.68	26.412	511.99	0	
"2013-11-08	14:00:00"	18.94	179.1	9.63	24.86	14.81	179.4	13.96	22.47	58.54	59.96	-1.416	38.17	35.39	26.376	431.45	0	
"2013-11-08	15:00:00"	20.28	176.5	8.43	27.84	16.07	175.9	11.57	24.26	57.18	59.33	-2.147	54.6	49.72	26.35	293.49	0	
"2013-11-08	16:00:00"	18.18	180	9.71	25.45	14.29	180.4	13.52	20.68	58.3	58.65	-0.354	59.03	56.96	26.34	278.42	0	
"2013-11-08	17:00:00"	17.71	178.1	8.45	24.86	14	177.7	12.32	21.28	58.9	59.6	-0.694	57.81	55.31	26.319	260.64	0	
"2013-11-08	18:00:00"	14.16	179.4	8.38	24.86	11.2	179.2	12.2	21.87	54.59	57.78	-3.182	64.71	57.7	26.309	76.559	0	
"2013-11-08	19:00:00"	10.9	175.1	7.671	17.1	8.59	173.9	10.33	14.72	50.89	53.23	-2.347	70.52	64.34	26.309	0.3385	0	
"2013-11-08	20:00:00"	11.15	176.7	6.721	15.91	8.74	175.5	9.64	12.93	48.81	50.48	-1.668	74.13	69.09	26.31	0	0	
"2013-11-08	21:00:00"	11.57	177.4	6.069	15.91	9.03	176.6	9.33	12.93	48.25	48.3	-0.05	74.46	72.08	26.306	0	0	
"2013-11-08	22:00:00"	8.11	188.5	8.47	11.74	6.286	192.9	12.34	9.35	44.07	46.06	-1.99	80.4	76.26	26.303	0	0	
"2013-11-08	23:00:00"	8.47	199.3	9.35	11.74	6.778	199.9	10.13	9.95	43.08	44.94	-1.862	83.3	79	26.297	0.0001	0	
"2013-11-09	00:00:00"	7.578	209.7	12.34	11.74	6.291	206.7	14.49	9.95	42.79	44.63	-1.837	84.6	80.5	26.293	0.06311	0	
"2013-11-09	01:00:00"	8.52	215.3	12.87	12.93	7.109	215.1	15.22	12.33	43.62	45.1	-1.481	85.5	82	26.289	0.34546	0	
"2013-11-09	02:00:00"	9.85	215.2	12.18	15.31	8.13	214.4	14.34	14.72	43.71	45.27	-1.561	85.8	82.8	26.279	0.67279	0	
"2013-11-09	03:00:00"	8.35	219	13.44	14.12	6.967	219.9	15.09	11.74	43.29	44.97	-1.685	86.3	83.2	26.274	0.68967	0	
"2013-11-09	04:00:00"	8.28	222.4	12.42	11.74	6.946	222.6	14.12	11.14	44.04	44.62	-0.578	86.5	83.5	26.268	0.62771	0	
"2013-11-09	05:00:00"	8.7	219.1	12.59	12.93	7.165	221.3	15.04	11.14	42.51	44.26	-1.749	86.4	83.6	26.269	0.63366	0	
"2013-11-09	06:00:00"	6.934	227.4	12.71	10.54	5.815	231.4	15.83	9.35	41.6	43.25	-1.651	86.7	83.6	26.276	0.5599	0	
"2013-11-09	07:00:00"	6.905	227.7	12.02	10.54	5.843	230.9	14.88	9.35	41.26	42.2	-0.935	86.5	83.6	26.286	0.44452	0	
"2013-11-09	08:00:00"	6.464	227.8	12.43	9.95	5.36	231	15.04	9.35	39.41	41.33	-1.92	86.6	83.5	26.294	19.37	0	
"2013-11-09	09:00:00"	6.795	243.9	10.64	10.54	5.538	249.8	14.33	8.75	42.45	43.36	-0.916	87.4	84.9	26.314	201.42	0	
"2013-11-09	10:00:00"	6.844	241.6	11.86	12.33	5.836	246.1	14.58	10.54	46.92	49.68	-2.757	88	82.2	26.331	391.8	0	
"2013-11-09	11:00:00"	6.928	237.5	16.11	10.54	5.983	239.2	17.65	9.35	56.49	59.68	-3.191	74.22	62.48	26.334	545.37	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-09	12:00:00"	8.86	227.6	37.21	21.87	7.039	229.5	39.69	17.7	64.15	68.16	-4.009	49.63	44.13	26.325	651.67	0	
"2013-11-09	13:00:00"	12.74	282	13.98	20.68	9.02	284.9	16.42	17.7	71.7	77.69	-5.987	25.14	20.69	26.31	695.05	0	
"2013-11-09	14:00:00"	11.18	271.1	12.93	18.3	8.56	276.4	14.45	15.91	73.6	80.4	-6.759	23.04	18.2	26.29	656.53	0	
"2013-11-09	15:00:00"	13.83	277.7	12.99	22.47	10	281.2	14.88	18.3	75.12	80.8	-5.683	18.6	14.79	26.278	580.63	0	
"2013-11-09	16:00:00"	12.58	282.2	13.14	21.28	8.8	285.8	15.31	18.89	75.72	81.4	-5.639	16.84	13.17	26.282	435.44	0	
"2013-11-09	17:00:00"	9.41	272.5	13.74	17.1	6.914	277.5	15.53	13.52	75.37	80.9	-5.533	16.11	12.65	26.291	252.36	0	
"2013-11-09	18:00:00"	5.904	257.2	7.537	10.54	4.062	263.5	9.47	8.75	73.75	77.33	-3.579	16.96	14.33	26.305	62.961	0	
"2013-11-09	19:00:00"	5.366	247.8	5.595	6.964	3.189	254.4	7.626	4.578	69.87	69.79	0.081	19.69	18.81	26.32	0.30958	0	
"2013-11-09	20:00:00"	5.111	266.3	19.31	7.561	2.264	274	30.79	4.578	67.03	65.27	1.757	22.07	22.55	26.338	0	0	
"2013-11-09	21:00:00"	8.74	354.1	33.41	15.91	4.832	353.7	28	10.54	63.53	60.92	2.615	24.48	26.43	26.356	0	0	
"2013-11-09	22:00:00"	9.69	30.17	9.4	13.52	5.848	25.44	11.13	11.74	57.39	58.38	-0.995	33.53	31.44	26.373	0	0	
"2013-11-09	23:00:00"	10.79	24.8	5.533	14.12	7.087	28.03	10.04	9.95	53.26	55.25	-1.993	40.23	36.51	26.384	0	0	
"2013-11-10	00:00:00"	9.89	34.56	6.644	13.52	6.906	36.4	9.22	11.14	52.74	53.46	-0.72	45.02	41.22	26.398	0	0	
"2013-11-10	01:00:00"	8.79	29.07	9.3	12.33	5.888	31.37	11.23	8.75	47.76	51.69	-3.924	54.77	46.42	26.4	0	0	
"2013-11-10	02:00:00"	10.28	16.49	5.1	13.52	6.867	13.96	11.06	10.54	46.4	49.47	-3.074	63.62	55.65	26.402	0	0	
"2013-11-10	03:00:00"	11.08	19.64	6.025	15.91	8.05	20.02	11.27	12.93	46.42	49.59	-3.174	67.82	60.4	26.404	0	0	
"2013-11-10	04:00:00"	12.35	25.45	6.442	16.51	9.21	27.67	10.81	13.52	46.51	48.73	-2.218	69.3	63.36	26.408	0	0	
"2013-11-10	05:00:00"	12.21	25.57	5.736	17.1	9.04	27.18	9.97	12.93	45.24	48.15	-2.906	72.19	65.16	26.413	0	0	
"2013-11-10	06:00:00"	13.61	21.13	5.147	17.7	10.12	23.39	11.02	14.72	44.93	47.34	-2.403	72.78	65.76	26.427	0	0	
"2013-11-10	07:00:00"	13.1	24.03	5.774	17.1	9.86	26.95	10.44	13.52	43.47	46.23	-2.761	73.5	67.45	26.448	0.03415	0	
"2013-11-10	08:00:00"	14.36	24.37	5.651	18.3	11	26.93	10.43	16.51	43.26	45.81	-2.551	75.51	68.97	26.459	31.056	0	
"2013-11-10	09:00:00"	14.58	35.37	7.527	18.89	11.76	38.28	9.89	17.1	46.38	49.97	-3.594	72.97	65.45	26.485	197.5	0	
"2013-11-10	10:00:00"	12.43	42.38	10.19	18.89	10.09	45.03	12.82	16.51	51.55	54.68	-3.125	67.28	60.89	26.51	380.37	0	
"2013-11-10	11:00:00"	10.03	55.75	13.56	14.72	8.14	58.64	14.74	13.52	57.49	59.97	-2.48	59.3	54.89	26.516	534.48	0	
"2013-11-10	12:00:00"	6.954	75.55	20.45	11.74	5.723	78.52	22.29	10.54	62.04	64.72	-2.68	52.19	46.98	26.51	639.36	0	
"2013-11-10	13:00:00"	5.566	69.48	30.72	9.95	4.67	72.28	35.08	8.75	64.86	68.76	-3.892	45.56	39.15	26.482	681.6	0	
"2013-11-10	14:00:00"	4.432	71.44	47.21	13.52	3.9	70.53	49.72	9.95	67.77	71.33	-3.561	40.1	35.15	26.457	643.13	0	
"2013-11-10	15:00:00"	4.698	120.4	40	10.54	4.087	117.2	38.34	9.95	69.77	72.97	-3.208	35.61	31.39	26.44	566.22	0	
"2013-11-10	16:00:00"	4.152	119.8	39.93	8.75	3.59	115.7	42.94	7.561	70.92	73.57	-2.651	32.62	29.1	26.431	421.72	0	
"2013-11-10	17:00:00"	5.742	126.9	20.39	10.54	4.793	127.9	22.39	9.35	71.61	73.86	-2.251	29.71	26.64	26.426	242.46	0	
"2013-11-10	18:00:00"	5.338	125.3	12.32	8.16	3.788	121.8	15.34	6.964	70.63	71.24	-0.609	31.8	30.03	26.427	58.269	0	
"2013-11-10	19:00:00"	8.13	110.8	3.484	10.54	4.041	96.5	6.995	5.771	66.71	63.28	3.43	37.97	40.37	26.437	0.25607	0	
"2013-11-10	20:00:00"	8.82	128.9	13.61	11.74	5.429	125.5	16.01	8.75	62.9	60.41	2.485	45.05	47.19	26.45	0	0	
"2013-11-10	21:00:00"	9.69	152.7	8.59	14.12	7.423	150.3	8.97	11.74	59.21	61.42	-2.218	50.42	46.77	26.458	0	0	
"2013-11-10	22:00:00"	9.85	156.6	9.59	15.31	7.792	155.8	10.2	12.93	56.32	57.16	-0.839	62.16	59.67	26.467	0	0	
"2013-11-10	23:00:00"	10.05	166.4	8.96	15.91	7.765	166.3	10.79	12.33	54.76	56.03	-1.269	72.65	69.14	26.468	0	0	
"2013-11-11	00:00:00"	9.4	166.8	8.82	14.72	7.287	166.9	10.33	11.74	52.78	53.76	-0.977	80.7	77.08	26.466	0	0	
"2013-11-11	01:00:00"	6.641	178.2	9.51	11.14	4.693	177.5	12.61	8.16	51.86	52.41	-0.555	85.6	82.1	26.461	0.00527	0	
"2013-11-11	02:00:00"	5.599	197.1	7.568	8.16	3.853	200.9	8.99	5.771	51.32	51.95	-0.621	87.6	84.7	26.453	0.37442	0	
"2013-11-11	03:00:00"	5.217	197.1	11.72	7.561	3.253	203.3	14.82	5.771	49.57	50.15	-0.587	88.5	85.6	26.439	0.69035	0	
"2013-11-11	04:00:00"	3.985	203	12.18	6.368	1.981	205.1	21.06	4.578	49.59	49.83	-0.241	89.2	86.6	26.43	0.69035	0	
"2013-11-11	05:00:00"	6.065	176.1	10.93	9.95	4.425	177.4	13.63	8.16	50.52	51.28	-0.753	89.9	87.7	26.432	0.96371	0	
"2013-11-11	06:00:00"	8.88	176.4	7.013	13.52	6.869	176.4	10.05	11.14	52.25	53.62	-1.369	90.2	88	26.438	1.0477	0	
"2013-11-11	07:00:00"	10.43	183	9.7	15.31	8.22	183.9	13.52	14.12	52.8	54.67	-1.865	90.3	87.9	26.452	1.1521	0	
"2013-11-11	08:00:00"	7.936	186.2	14.62	14.12	6.231	185.8	17.54	10.54	52.62	54.29	-1.675	90.3	87.7	26.467	6.545	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-11	09:00:00"	7.795	188.6	18.2	11.74	6.253	188.8	20.28	10.54	52.56	54.15	-1.583	90.4	87.8	26.483	40.502	0
"2013-11-11	10:00:00"	6.386	174.4	14.77	11.14	5.213	174.5	18.09	9.95	52.81	54.32	-1.51	90.4	87.6	26.496	98.825	0
"2013-11-11	11:00:00"	5.481	197.1	31.02	9.95	4.612	199.4	34.26	9.35	53.96	55.78	-1.825	89.8	84.7	26.499	224.13	0
"2013-11-11	12:00:00"	3.323	171.2	83.3	7.561	2.779	167.7	86	7.561	57.72	60.97	-3.248	77.27	69.91	26.49	620.72	0
"2013-11-11	13:00:00"	2.828	183.5	59.1	6.368	2.322	190.3	68.44	6.368	61.76	65.73	-3.971	65.17	57.92	26.466	669.09	0
"2013-11-11	14:00:00"	5.115	158.5	32.08	9.95	4.367	158.4	34.13	9.35	67.3	71.72	-4.418	50.26	43.55	26.428	633.37	0
"2013-11-11	15:00:00"	4.72	171.3	39.25	9.35	4.089	171.6	48.61	8.75	70.86	76.15	-5.289	39.81	33.89	26.407	557.36	0
"2013-11-11	16:00:00"	4.917	172.6	37.83	9.95	4.254	172.8	45.21	8.75	72.22	78.4	-6.171	35.5	29.33	26.399	415.48	0
"2013-11-11	17:00:00"	3.841	195.6	50.57	7.561	3.263	199.4	50.26	6.964	72.36	78.88	-6.522	33.17	27.08	26.401	237.23	0
"2013-11-11	18:00:00"	2.962	185.3	19.16	6.368	2.015	177.2	26.08	5.771	71.57	75.79	-4.222	33.13	28.99	26.407	53.94	0
"2013-11-11	19:00:00"	5.225	143.4	45.12	11.74	3.389	117.5	71.33	9.35	68.54	69	-0.466	39.38	37.28	26.423	0.24052	0
"2013-11-11	20:00:00"	8.38	127.1	7.203	10.54	5.093	126	9.12	7.561	61.45	63.52	-2.07	59.73	53.31	26.446	0	0
"2013-11-11	21:00:00"	7.924	133.8	7.37	10.54	5.298	132	8.57	8.16	59.92	60.7	-0.773	66.25	62.18	26.46	0	0
"2013-11-11	22:00:00"	5.986	142.7	7.578	8.16	4.024	139.2	7.994	6.368	56.07	58.14	-2.076	74.63	67.9	26.476	0	0
"2013-11-11	23:00:00"	5.342	136.8	9.5	8.16	3.352	123.6	18.67	5.175	53.96	55.47	-1.512	80.3	73.82	26.495	0	0
"2013-11-12	00:00:00"	4.361	110.8	7.897	6.368	2.228	77.99	11.56	3.982	52.63	52.58	0.05	84.4	80.7	26.512	0.05887	0
"2013-11-12	01:00:00"	4.357	81.1	19.45	7.561	2.593	54.84	17.18	5.771	52.37	52.01	0.367	86.6	83.6	26.526	0.41211	0
"2013-11-12	02:00:00"	10.29	38.67	13.37	16.51	8.06	39.95	14.4	14.72	52.94	54.73	-1.787	87.1	83.9	26.566	0.69034	0
"2013-11-12	03:00:00"	12.24	36.4	8.19	20.09	9.92	38.04	10.08	17.1	53.45	56.13	-2.678	87.7	82.9	26.591	0.87814	0
"2013-11-12	04:00:00"	18.18	46.03	9.29	35.59	14.22	49.43	11.07	30.22	53.08	56.43	-3.35	87.7	80.6	26.619	0.45248	0
"2013-11-12	05:00:00"	24.13	36.32	9.82	34.4	19.25	39.13	12.06	32.01	46.32	48.41	-2.084	85.2	77.49	26.657	0.34534	0
"2013-11-12	06:00:00"	23.99	35.37	8.17	35	19.15	37.75	10.87	30.82	39.77	41.91	-2.141	83.8	76.86	26.7	0.34517	0
"2013-11-12	07:00:00"	23.31	38.67	7.6	34.4	18.72	41.6	9.77	29.03	37.58	39.28	-1.695	83.3	77.65	26.738	0.05641	0
"2013-11-12	08:00:00"	24.58	38.26	8.29	35	19.62	40.73	10.63	31.42	35.77	38.18	-2.404	82.6	76.58	26.77	4.4359	0
"2013-11-12	09:00:00"	27.83	33.08	7.696	38.57	22.27	35.93	10.71	33.21	34.95	36.99	-2.042	82	75.8	26.793	58.377	0
"2013-11-12	10:00:00"	25.44	33.89	7.528	36.19	20.53	36.56	10.34	32.01	34.73	37.36	-2.622	81.3	73.82	26.822	90.822	0
"2013-11-12	11:00:00"	23.6	40.95	8.92	33.21	19	43.43	11.18	32.01	35.75	38.21	-2.464	79.73	72.23	26.842	162.92	0
"2013-11-12	12:00:00"	19.11	41.09	9.72	29.63	15.33	43.6	12.49	26.65	37.25	40.19	-2.938	72.04	63.62	26.843	237.32	0
"2013-11-12	13:00:00"	13.15	36.69	11.29	20.09	10.71	39.06	14.26	19.49	39.15	42.71	-3.568	60.5	53.15	26.843	201.8	0
"2013-11-12	14:00:00"	11.74	37.19	13.79	18.3	9.56	39.51	17	15.31	40.59	44.42	-3.829	54.92	47.69	26.829	172.87	0
"2013-11-12	15:00:00"	9.79	31.44	14.48	15.31	8.06	33.01	18.21	13.52	41.89	45.67	-3.779	51.89	45.24	26.82	170.66	0
"2013-11-12	16:00:00"	9.25	39.41	15.04	14.12	7.592	41.4	18.58	13.52	43.3	47.08	-3.781	46.97	40.74	26.813	163.03	0
"2013-11-12	17:00:00"	9.74	40.33	12.73	14.72	7.958	43.35	14.84	12.93	44.09	47.53	-3.432	42	37.11	26.812	90.277	0
"2013-11-12	18:00:00"	10.27	46.25	9.88	17.1	8.11	49.79	11.39	12.93	44.22	47.04	-2.826	37.93	34.19	26.815	14.339	0
"2013-11-12	19:00:00"	7.61	59.77	13.14	11.14	5.978	62.6	14.44	9.95	43.45	45.61	-2.16	36.38	33.35	26.822	0.10569	0
"2013-11-12	20:00:00"	4.748	65.88	9.72	8.16	3.518	69.09	11.8	8.16	43.02	44.38	-1.359	35.22	33.28	26.83	0	0
"2013-11-12	21:00:00"	4.614	80.1	5.04	6.368	2.563	79.78	8.15	3.982	41.87	41.85	0.015	35.75	36.81	26.83	0	0
"2013-11-12	22:00:00"	4.026	99.6	19.76	5.771	2.905	96.6	21.61	4.578	40.97	41.84	-0.866	37.37	36.48	26.836	0	0
"2013-11-12	23:00:00"	3.481	136.7	10.94	5.771	2.907	135.4	11.67	4.578	41.74	42.88	-1.135	36.92	34.79	26.835	0	0
"2013-11-13	00:00:00"	3.22	121.1	12.59	4.578	2.668	111.1	17.04	3.982	41.56	42	-0.45	36.04	35.35	26.819	0	0
"2013-11-13	01:00:00"	4.332	102.7	13.71	5.771	2.963	82.8	21.15	3.982	39.76	38.22	1.535	38.7	42.44	26.799	0	0
"2013-11-13	02:00:00"	5.949	106.4	11.25	6.964	3.214	83.7	11.68	4.578	38.39	35.78	2.61	36.89	44.92	26.789	0.0001	0
"2013-11-13	03:00:00"	5.317	134.6	10.36	7.561	2.651	120.4	20.48	3.982	36.8	34.14	2.66	36.84	43.18	26.779	0.00345	0
"2013-11-13	04:00:00"	4.488	120.4	19.31	6.368	2.387	97.6	29.05	3.982	35.1	33.59	1.513	37.54	40.82	26.763	0.01718	0
"2013-11-13	05:00:00"	4.757	112.6	12.57	6.368	2.559	87.5	25.16	3.982	34.35	32.59	1.759	37.3	41.85	26.745	0.07044	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-13	06:00:00"	5.112	143.5	17.47	8.16	3.169	140.2	25.2	5.771	34.07	32.65	1.422	36.27	39.09	26.732	0.05624	0
"2013-11-13	07:00:00"	6.769	155.9	9.72	11.74	5.179	155.9	10.49	9.95	34.28	34.57	-0.289	36.12	35.24	26.728	0.10298	0
"2013-11-13	08:00:00"	7.198	160.9	11.66	11.74	5.615	161	12.87	9.95	32.67	35.05	-2.371	37.22	34.31	26.732	27.006	0
"2013-11-13	09:00:00"	5.566	202	17.46	9.95	4.688	205.3	20.67	8.75	33.88	38.38	-4.497	37.82	33.15	26.749	188.15	0
"2013-11-13	10:00:00"	8.32	208.2	13.24	11.74	7.034	210.1	16.62	11.14	39.14	43.21	-4.067	30.79	26.32	26.755	370.08	0
"2013-11-13	11:00:00"	8.04	205.3	18.93	12.33	6.737	205.9	22.26	11.14	43.37	45.7	-2.328	27.45	24.54	26.741	524.2	0
"2013-11-13	12:00:00"	6.838	199.8	22.79	12.33	5.806	201.5	26.68	11.14	46.52	50.12	-3.593	25.55	21.81	26.714	628.12	0
"2013-11-13	13:00:00"	7.324	206.2	23.09	12.33	6.273	209.9	27.59	11.74	49.75	53.98	-4.229	26.52	22.17	26.675	668.59	0
"2013-11-13	14:00:00"	7.465	196.3	21	15.31	6.242	196.6	26.46	12.33	52.14	56.54	-4.405	28.66	24.02	26.626	631.28	0
"2013-11-13	15:00:00"	10.28	181.8	14.01	17.1	8.49	182.2	18.14	14.72	54.61	58.64	-4.026	27.17	22.84	26.589	554.32	0
"2013-11-13	16:00:00"	10	185.9	14.26	16.51	8.07	187.7	18.54	15.31	55.4	58.94	-3.55	27.9	23.78	26.563	410.82	0
"2013-11-13	17:00:00"	10.34	179.8	10.94	15.91	8.28	180.8	15.16	14.12	55.65	58.55	-2.901	29.55	25.76	26.541	233.09	0
"2013-11-13	18:00:00"	9.69	179	8.47	15.31	7.618	178.8	11.81	12.93	54.78	56.42	-1.647	33.47	30.46	26.52	49.211	0
"2013-11-13	19:00:00"	7.96	164.7	9.46	12.93	6.098	161.6	10.32	9.95	50.69	51.52	-0.823	36.93	34.75	26.512	0.1485	0
"2013-11-13	20:00:00"	7.938	155.3	9.18	11.74	6.164	154	9.75	10.54	47.55	48.61	-1.06	36.81	34.86	26.517	0	0
"2013-11-13	21:00:00"	9.33	156.1	8.88	13.52	7.488	155.1	9.51	11.74	46.07	48.78	-2.706	34.76	31.06	26.507	0	0
"2013-11-13	22:00:00"	8.09	159.3	9.4	11.74	6.281	157.6	10.26	11.14	43.7	46.88	-3.178	35.6	31.5	26.497	0	0
"2013-11-13	23:00:00"	8.48	164.8	8.82	12.93	6.508	163.1	10.05	10.54	43.43	45.89	-2.467	35.34	31.84	26.486	0	0
"2013-11-14	00:00:00"	8.45	171.3	8.72	12.33	6.475	169.5	10.2	9.95	43	42.96	0.035	37.97	36.35	26.462	0	0
"2013-11-14	01:00:00"	6.848	187.1	10.63	11.14	5.322	189.8	13.99	8.75	42.31	42.9	-0.59	41.26	39.51	26.436	0	0
"2013-11-14	02:00:00"	7.938	184.4	10.27	14.72	6.209	187	14.04	11.74	42.54	43.38	-0.84	43.99	41.08	26.408	0	0
"2013-11-14	03:00:00"	8.55	192.3	8.39	12.33	6.729	196	11.37	9.95	42.91	44	-1.094	45.78	42.8	26.386	0	0
"2013-11-14	04:00:00"	7.471	179.8	8.7	10.54	5.843	179.7	12.12	9.35	41.52	42.85	-1.33	49.11	45.59	26.364	0	0
"2013-11-14	05:00:00"	6.601	187.6	10.51	9.95	5.048	191	13.78	7.561	40.48	41.63	-1.152	52.34	49.12	26.342	0	0
"2013-11-14	06:00:00"	7.937	191.1	9.78	11.14	6.078	193.7	12.26	9.35	40.57	40.94	-0.369	55.43	53.03	26.322	0	0
"2013-11-14	07:00:00"	7.595	194	11.05	12.33	6.02	195.7	12.39	9.95	39.49	41.15	-1.654	59.7	55.83	26.312	0	0
"2013-11-14	08:00:00"	6.699	189.8	9.25	9.95	5.255	193.2	13.06	9.35	39.33	41.02	-1.688	60.99	57	26.305	9.319	0
"2013-11-14	09:00:00"	9.52	185.6	8.5	14.72	7.589	187	12.72	12.93	42.72	42.5	0.222	60.6	58.51	26.307	74.048	0
"2013-11-14	10:00:00"	11.28	195.1	14.82	17.1	9.07	196.7	17.39	15.31	49.57	48.98	0.595	54.11	53.95	26.311	369.19	0
"2013-11-14	11:00:00"	10.63	206.8	13.44	17.1	8.94	207.2	16.69	15.31	51.07	55.67	-4.6	54.13	46.36	26.304	540.81	0
"2013-11-14	12:00:00"	12.3	206.2	16.45	21.28	10.12	206.5	18.74	17.7	54.92	60.02	-5.096	51.15	42.66	26.281	592.32	0
"2013-11-14	13:00:00"	10.64	223.9	16.74	18.89	9.1	226.6	20	16.51	57.82	63.08	-5.266	47.81	39.64	26.253	648.86	0
"2013-11-14	14:00:00"	9.72	233.2	20.68	16.51	8.08	236.3	23.44	14.12	60.89	67.14	-6.254	43.94	35.92	26.218	611.76	0
"2013-11-14	15:00:00"	9.98	231.4	18.97	18.89	8.33	234.7	22.66	15.91	63.84	69.86	-6.019	41.78	34.62	26.19	533.76	0
"2013-11-14	16:00:00"	11.29	250.6	23.18	18.3	9.05	253.7	25.74	15.91	66.49	73.09	-6.596	37.16	30.42	26.169	398.51	0
"2013-11-14	17:00:00"	10.41	279.7	13.63	16.51	7.501	283.7	15.01	15.31	67.48	74.62	-7.14	31.91	25.4	26.166	226.51	0
"2013-11-14	18:00:00"	6.867	291.8	8.72	12.93	3.493	300.9	9.86	8.75	66.04	71.22	-5.174	31.92	26.54	26.169	38.692	0
"2013-11-14	19:00:00"	6.872	265.7	8.99	9.95	4.412	270.6	13.09	8.16	64.44	65.48	-1.043	33.96	32.35	26.187	0.12188	0
"2013-11-14	20:00:00"	9.48	267.1	19.02	16.51	6.488	273.1	20.74	12.33	61.26	65.17	-3.909	37.6	32.97	26.205	0	0
"2013-11-14	21:00:00"	8.74	282.5	16.76	12.93	5.573	290.7	21.84	10.54	58.45	62.53	-4.077	43.99	37.18	26.207	0	0
"2013-11-14	22:00:00"	9.85	323.4	9.83	11.74	5.805	329.9	8.38	8.16	54.23	57.75	-3.516	50.92	44.22	26.215	0	0
"2013-11-14	23:00:00"	9.91	323.9	7.583	12.33	5.68	325	9.29	9.35	52.14	56.25	-4.11	54.7	47.11	26.224	0	0
"2013-11-15	00:00:00"	5.75	236.7	28.01	9.95	4.127	234.5	30.33	8.16	49.29	52.51	-3.223	59.31	52.36	26.222	0	0
"2013-11-15	01:00:00"	4.26	229.4	21.95	7.561	2.539	238.7	38.47	4.578	48.99	49.66	-0.675	62.78	59.45	26.222	0	0
"2013-11-15	02:00:00"	3.852	259.8	20.83	5.771	2.321	274.4	40.31	4.578	48.97	47.75	1.218	64.8	64.14	26.208	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-15	03:00:00"	4.196	257.6	12.77	5.771	2.465	273.7	26.94	3.982	48.14	46.22	1.927	68.06	69.1	26.198	0
"2013-11-15	04:00:00"	3.822	236.9	33.53	6.368	1.978	233.7	52.78	4.578	47.26	46.17	1.091	68.88	70.07	26.199	0
"2013-11-15	05:00:00"	5.714	246.3	37	8.75	3.525	250.9	43.14	6.964	42.46	44.88	-2.421	71.01	68.37	26.198	0
"2013-11-15	06:00:00"	5.524	270.8	10.72	7.561	2.797	306.5	12.84	5.175	42.95	40.99	1.959	64.7	62.55	26.194	0
"2013-11-15	07:00:00"	5.148	268.4	8.56	7.561	2.511	295.5	19.99	4.578	46.94	40.88	6.063	65.01	68.16	26.189	0.01228
"2013-11-15	08:00:00"	5.126	240.4	20.6	7.561	2.675	251.9	40.25	5.771	50.3	46.16	4.138	52.43	64.57	26.195	22.982
"2013-11-15	09:00:00"	4.181	218.9	15.98	6.368	3.123	219.6	18.63	5.175	49.31	51.82	-2.507	56.26	53.51	26.212	177.11
"2013-11-15	10:00:00"	7.509	211.6	14.74	12.93	6.287	214	17.59	11.74	55.36	59.5	-4.138	57.02	50.89	26.218	359.08
"2013-11-15	11:00:00"	9.95	212.9	14.71	16.51	8.38	213.8	17.62	15.91	59.58	66.26	-6.675	52.99	42.64	26.22	505.74
"2013-11-15	12:00:00"	14.62	211.8	13.81	22.47	12.15	211.3	16.41	20.68	62.88	68.73	-5.852	49.46	40.37	26.203	498.62
"2013-11-15	13:00:00"	15.61	213.7	13.79	23.66	12.85	213.9	16.42	22.47	65.38	70.14	-4.76	44.79	38.08	26.172	464.52
"2013-11-15	14:00:00"	13.51	209.1	15.08	21.87	10.96	209.6	17.23	18.3	68.07	73.34	-5.268	40.53	34.44	26.127	374.43
"2013-11-15	15:00:00"	15.42	233.9	19.48	25.45	12.54	236.8	22.78	23.07	70.28	75.63	-5.353	37.68	31.95	26.104	403.9
"2013-11-15	16:00:00"	13.89	245.4	11.86	21.28	11.12	249.9	14.44	19.49	70.4	75.14	-4.74	37.45	32.36	26.086	202.31
"2013-11-15	17:00:00"	11.01	223.5	13.98	20.68	9.22	223.1	14.92	17.7	70.22	74.47	-4.245	38.12	33.34	26.074	81.753
"2013-11-15	18:00:00"	8.09	210.2	13.12	13.52	6.424	209.2	15.86	11.14	69.5	73.76	-4.251	39.39	34.54	26.063	39.779
"2013-11-15	19:00:00"	7.355	221.3	12.52	14.12	5.8	218.8	12.64	13.52	67.96	71.4	-3.437	40.39	36.04	26.065	0.07272
"2013-11-15	20:00:00"	5.651	234.4	14.38	12.33	4.02	233.7	18.16	10.54	65.17	65.68	-0.507	43.32	41.45	26.075	0
"2013-11-15	21:00:00"	7.22	236.9	27.23	14.72	5.14	241.8	34.04	12.93	64.03	63.4	0.623	52.06	53.21	26.081	0
"2013-11-15	22:00:00"	4.694	214.5	40.26	14.72	3.181	212.2	70.41	11.74	61.7	60.96	0.74	55.6	57.45	26.084	0
"2013-11-15	23:00:00"	8.2	178.6	14.3	12.93	5.968	178.4	20	9.95	61.66	60.85	0.813	54.23	54.86	26.087	0
"2013-11-16	00:00:00"	15.07	192.6	14.57	25.45	11.68	193	16.01	21.28	63.23	63.11	0.119	56.36	55.52	26.087	0
"2013-11-16	01:00:00"	12.03	206.8	12.89	22.47	9.64	205.5	13.87	17.1	63.64	66.13	-2.486	49.45	45.1	26.083	0
"2013-11-16	02:00:00"	10.99	193.3	11.42	15.31	8.46	195.8	13.65	12.33	63.48	65.69	-2.215	50.13	45.46	26.065	0
"2013-11-16	03:00:00"	10.04	175.4	8.13	14.72	7.681	173.7	11.32	11.74	61.4	62.62	-1.221	59.44	56.15	26.056	0
"2013-11-16	04:00:00"	10.46	188.6	8.69	17.7	7.972	190.9	12.53	12.93	58.38	61.28	-2.896	64.22	58.13	26.049	0
"2013-11-16	05:00:00"	9.15	205.2	12.2	15.31	7.354	204.1	13.11	11.74	58.34	60.45	-2.113	65.44	61.07	26.05	0
"2013-11-16	06:00:00"	9.88	200.4	12.62	15.91	7.874	200.2	13.14	12.33	57.7	60.33	-2.628	71.15	65.01	26.051	0
"2013-11-16	07:00:00"	7.818	192	9.23	14.72	6.038	194.3	12.02	12.33	56.7	59.53	-2.834	73.82	66.97	26.059	0
"2013-11-16	08:00:00"	7.144	211.2	21.78	14.72	5.671	211.5	24.52	12.93	55.35	58.45	-3.094	77.98	70.83	26.081	6.912
"2013-11-16	09:00:00"	7.331	210.8	22.86	13.52	5.77	212.7	24.86	10.54	55.15	57.95	-2.801	81.2	76.31	26.108	40.451
"2013-11-16	10:00:00"	10.28	193.9	10.44	17.7	8.04	197.7	11.98	14.72	58.44	60.93	-2.488	78.71	73.31	26.106	173.28
"2013-11-16	11:00:00"	12.41	215.8	14.16	20.68	10.21	215	16.12	20.09	63.39	66.73	-3.331	66.74	60.74	26.1	492.71
"2013-11-16	12:00:00"	17.94	232.5	21.07	33.8	14.29	234.8	24.43	27.84	70.31	72.77	-2.464	48.08	44.63	26.079	599.43
"2013-11-16	13:00:00"	22.31	242.4	11.88	36.19	18.11	247.4	14.44	31.42	73.55	73.63	-0.079	39.31	39.02	26.048	618.16
"2013-11-16	14:00:00"	22.47	242.6	12.41	39.17	18.12	246.5	15.79	33.21	75.64	75.52	0.122	35.31	35.01	26.01	610.74
"2013-11-16	15:00:00"	25.97	245.6	10.93	39.77	20.75	250.5	13.74	35	76.54	77.07	-0.524	32.29	31.15	25.989	538.69
"2013-11-16	16:00:00"	24.3	246.4	10.85	39.17	19.29	251.8	13.86	32.01	76.93	77.82	-0.887	31.23	29.69	25.976	399.56
"2013-11-16	17:00:00"	22.91	246.9	9.61	34.4	18.05	251.5	12.55	30.22	76.19	77.74	-1.554	31.57	29.45	25.974	216.97
"2013-11-16	18:00:00"	22.11	249.2	8.86	33.21	16.94	253.5	12.31	29.03	75.06	75.02	0.046	31.21	30.38	25.988	46.238
"2013-11-16	19:00:00"	18.14	250.6	9.99	29.63	13.94	256	13.81	23.07	72.43	72	0.428	33.19	32.71	25.994	0.13745
"2013-11-16	20:00:00"	13.66	244.6	12.54	24.86	10.35	248.8	15.11	20.68	70.55	70.79	-0.237	36.76	35.77	26.008	0
"2013-11-16	21:00:00"	6.87	246.9	26.09	14.72	4.828	250.7	32.37	9.95	67.33	66.58	0.752	42.29	42.5	26.022	0
"2013-11-16	22:00:00"	7.928	220.5	15.01	14.72	6.18	219.7	17.4	11.74	64.9	65.17	-0.276	47.22	46.24	26.028	0
"2013-11-16	23:00:00"	6.823	207.2	11.76	9.95	4.986	204.9	12.75	7.561	61.66	62.85	-1.183	52.45	50.28	26.045	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-17	00:00:00"	9.43	210.7	15.27	14.12	7.01	210.3	16.01	11.14	61.88	63.71	-1.823	52.09	49.01	26.055	0	0
"2013-11-17	01:00:00"	9.51	230.2	11.79	15.31	7.553	230.1	15.4	13.52	62.2	64.43	-2.233	50.44	46.35	26.056	0	0
"2013-11-17	02:00:00"	8.29	228.6	24.92	15.91	6.017	230.8	29.97	13.52	60.69	62.29	-1.602	51.06	47.95	26.063	0	0
"2013-11-17	03:00:00"	6.52	225.5	18.05	10.54	4.704	221.9	21.47	8.75	57.69	59.21	-1.526	54.26	51.89	26.081	0	0
"2013-11-17	04:00:00"	8.23	229.5	21.71	17.1	6.132	228	27.36	14.12	58.58	59.99	-1.407	49.82	47.75	26.096	0	0
"2013-11-17	05:00:00"	8.22	242.1	20.14	14.72	5.699	245.9	25.16	10.54	57.08	58.16	-1.076	50.25	48.42	26.099	0	0
"2013-11-17	06:00:00"	9.44	242.2	14.65	14.72	6.839	246.1	19.49	11.14	58.02	59.32	-1.303	48.74	46.63	26.107	0	0
"2013-11-17	07:00:00"	8.49	231.7	28.25	14.72	6.215	232.6	35.37	12.33	56.87	58.31	-1.439	50.58	47.92	26.127	0	0
"2013-11-17	08:00:00"	8.34	236.7	22.18	14.12	6.255	239.8	26.09	13.52	56.41	58.63	-2.215	51.69	48.13	26.158	21.444	0
"2013-11-17	09:00:00"	7.211	228.6	22.09	15.31	5.683	228.4	24.93	13.52	56.3	60.1	-3.801	53.69	47.77	26.192	178.62	0
"2013-11-17	10:00:00"	14.32	269.7	14.11	24.86	10.59	273.4	16.07	20.68	63.3	66.83	-3.531	41.72	37.13	26.216	359.43	0
"2013-11-17	11:00:00"	18.97	282.7	9.37	28.43	12.84	286.6	11.67	24.86	67.14	71.68	-4.537	34.52	29.53	26.229	513.33	0
"2013-11-17	12:00:00"	17.63	278.6	9.89	24.26	12.55	283	12.27	21.87	69.29	74.45	-5.164	30.56	25.61	26.237	619.49	0
"2013-11-17	13:00:00"	16.79	273.8	10.94	23.07	12.47	278.4	12.65	20.09	71.38	76.47	-5.088	26.85	22.27	26.223	664.7	0
"2013-11-17	14:00:00"	15.43	274.4	11.85	21.87	11.45	279.5	13.24	19.49	73.07	78.36	-5.287	24.71	20.22	26.205	623.8	0
"2013-11-17	15:00:00"	13.29	266	13.78	20.09	10.13	271.6	15.63	15.91	73.97	79.23	-5.255	23.16	18.87	26.197	549.7	0
"2013-11-17	16:00:00"	12.52	266.4	12.08	19.49	9.8	271.2	14.1	17.1	74.15	79.33	-5.183	22.62	18.42	26.197	407.47	0
"2013-11-17	17:00:00"	11.12	268.3	12.58	17.1	8.4	273.3	14.25	14.72	73.59	78.41	-4.825	23.96	19.86	26.207	229.42	0
"2013-11-17	18:00:00"	7.078	265.3	10.34	12.93	5.158	270.2	11.93	9.95	71.67	76.03	-4.364	25.93	22.07	26.222	48.944	0
"2013-11-17	19:00:00"	6.458	292.4	15.95	11.14	3.478	321.7	31.22	6.368	67.52	68.61	-1.096	29.17	28.4	26.241	0.09283	0
"2013-11-17	20:00:00"	4.708	288.3	50.54	7.561	2.671	41.51	88	5.175	63.84	60.56	3.277	32.85	37.59	26.265	0	0
"2013-11-17	21:00:00"	3.763	265	38.88	6.368	2.385	291.7	64.46	5.175	64.4	59.26	5.133	31.93	38.71	26.281	0	0
"2013-11-17	22:00:00"	6.441	299.9	5.523	9.95	3.365	316.1	12.57	5.771	62.99	59.91	3.084	32.51	37.15	26.298	0	0
"2013-11-17	23:00:00"	6.667	313.5	9.71	9.95	3.078	320.9	15.82	5.771	60.28	56.24	4.038	35.14	41.06	26.308	0	0
"2013-11-18	00:00:00"	9.69	332.8	13.89	12.93	5.186	341.1	13.94	6.964	59.15	54.97	4.184	36.69	44.77	26.316	0	0
"2013-11-18	01:00:00"	8.65	359.2	13.9	12.93	5.313	0.473	18.02	9.35	54.31	53.69	0.62	43.77	46.46	26.32	0	0
"2013-11-18	02:00:00"	8.09	356.4	13.38	12.33	4.748	356.3	12.96	8.16	55.46	53.85	1.611	42.87	46.43	26.325	0	0
"2013-11-18	03:00:00"	10.69	17.52	6.784	13.52	7.031	15.91	12.81	11.14	56.29	56.13	0.156	39.06	40.27	26.33	0	0
"2013-11-18	04:00:00"	12.7	32.81	9.28	17.7	9.75	34.51	12.24	14.72	54.7	55.21	-0.512	39.66	38.38	26.333	0	0
"2013-11-18	05:00:00"	12.66	51.25	7.638	17.1	9.53	54.58	9.59	14.12	51.31	53	-1.69	44.64	41.61	26.34	0	0
"2013-11-18	06:00:00"	13	58.58	8.39	17.1	9.6	61.3	10.29	14.12	48.7	50.91	-2.216	48.69	44.44	26.348	0	0
"2013-11-18	07:00:00"	13.46	48.07	7.569	18.89	10.18	51.29	9.64	15.31	47.91	48.73	-0.827	48.87	45.95	26.368	0	0
"2013-11-18	08:00:00"	12.06	56.19	8.91	17.1	8.94	59.17	10.49	14.72	45.58	47.14	-1.558	50.37	47.5	26.385	16.023	0
"2013-11-18	09:00:00"	12.72	62.65	11.22	19.49	9.85	64.45	12.37	16.51	46.62	48.63	-2.013	47.94	44.44	26.406	103.79	0
"2013-11-18	10:00:00"	10.91	74.16	9.34	17.1	8.58	75.77	11.5	15.31	49.78	51.75	-1.977	41.24	38.18	26.436	203.1	0
"2013-11-18	11:00:00"	9.63	80.7	10.6	14.12	7.562	80.9	12.61	12.33	51.9	54.21	-2.318	39.04	35.87	26.444	186.95	0
"2013-11-18	12:00:00"	6.263	127.4	28.86	11.74	5.219	128.7	30.04	11.14	54.56	56.73	-2.165	36.74	33.64	26.45	349.38	0
"2013-11-18	13:00:00"	4.283	77.01	53.45	8.16	3.628	77.35	61.57	6.964	57.22	60.37	-3.153	34.85	31.02	26.425	387.17	0
"2013-11-18	14:00:00"	3.905	37.23	72.41	8.16	3.345	30.11	74.69	7.561	59.53	62.87	-3.339	33.34	29.51	26.397	263.36	0
"2013-11-18	15:00:00"	3.407	48.77	75.71	8.75	2.887	41.79	81	7.561	60.04	62.33	-2.294	33.17	30.19	26.383	203.89	0
"2013-11-18	16:00:00"	5.898	54.61	16.83	11.14	4.919	57.9	18.31	8.75	61	63.46	-2.461	32.45	29.42	26.374	218.75	0
"2013-11-18	17:00:00"	7.74	59.76	12.11	11.74	6.04	62.74	13.49	9.35	60.45	63	-2.544	33	29.94	26.377	109.88	0
"2013-11-18	18:00:00"	5.261	81.4	13.88	8.75	3.629	81.6	15.76	6.964	58.89	60.2	-1.313	34.47	32.95	26.379	25.061	0
"2013-11-18	19:00:00"	6.796	83	9.32	11.74	4.314	83.8	12.95	9.35	56.41	57.23	-0.811	36.67	35.83	26.384	0.03757	0
"2013-11-18	20:00:00"	8.87	87.6	11.59	12.33	6.462	88.7	14.15	9.95	54.9	55.85	-0.946	37.01	35.33	26.383	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-18	21:00:00"	6.948	101.8	22.69	9.95	4.31	99.4	29.32	6.964	52.77	53.01	-0.24	38.62	38.01	26.386	0
"2013-11-18	22:00:00"	7.092	96	8.14	8.75	3.66	79.82	17	5.771	50.09	48.64	1.451	41.34	43.69	26.382	0
"2013-11-18	23:00:00"	6.038	89.7	9.98	8.16	3.433	65.54	13.26	5.771	48.12	46.93	1.188	43.73	45.69	26.392	0
"2013-11-19	00:00:00"	6.066	70.93	17.85	8.16	4.073	50.3	18.71	5.771	47.66	46.52	1.141	43.79	46.21	26.394	0
"2013-11-19	01:00:00"	5.445	45.92	7.892	7.561	4.015	24.17	10.37	5.771	46.75	45.5	1.254	44.86	49.27	26.385	0
"2013-11-19	02:00:00"	7.151	34.89	14.73	9.35	4.527	28.44	7.871	6.964	46.15	44.8	1.353	46.17	50.35	26.378	0
"2013-11-19	03:00:00"	5.994	45.93	10.45	7.561	4.392	28.59	10.39	5.771	45.9	44.94	0.951	44.98	50.21	26.363	0
"2013-11-19	04:00:00"	7.812	76.02	7.166	9.35	4.527	65.88	11.29	6.368	46.28	46.48	-0.203	42.09	45.49	26.345	0
"2013-11-19	05:00:00"	6.707	62.7	19.77	9.35	4.259	49.39	21.64	6.964	45.33	45.91	-0.576	43.66	45.03	26.333	0
"2013-11-19	06:00:00"	5.36	58.17	9.49	6.964	3.864	27.07	14.73	6.368	45.74	43.9	1.844	42.07	49.83	26.327	0
"2013-11-19	07:00:00"	5.742	67.43	8.36	8.16	3.467	55.19	16.54	5.771	45.22	45.45	-0.225	44.78	48.66	26.318	0
"2013-11-19	08:00:00"	5.843	80.5	25.62	9.95	3.589	68.9	37.69	6.964	45.37	46.58	-1.206	45	46.38	26.319	15.289
"2013-11-19	09:00:00"	5.008	133.7	14.42	8.75	3.56	133	16.07	7.561	47.85	49.54	-1.687	45.11	42.99	26.326	113.8
"2013-11-19	10:00:00"	8.75	174.8	10.72	12.93	7.086	172.8	13.37	11.14	55.33	58.58	-3.252	43.77	39.29	26.321	311.64
"2013-11-19	11:00:00"	10.23	181	11.15	15.91	8.4	180.9	14.92	14.12	60.56	65.01	-4.458	42.9	36.56	26.312	502.28
"2013-11-19	12:00:00"	12.98	182.8	12.37	19.49	10.4	182.8	15.99	17.1	64.56	68.72	-4.159	43.17	36.85	26.29	563.91
"2013-11-19	13:00:00"	11.6	191.8	14.78	18.3	9.41	192.8	17.93	16.51	66.84	71.45	-4.612	38.96	33.35	26.253	636.93
"2013-11-19	14:00:00"	11.02	198.1	19.06	18.3	9.06	200.2	21.87	15.31	69.19	74.79	-5.604	36.09	29.95	26.219	599.79
"2013-11-19	15:00:00"	11.55	199.6	14.46	19.49	9.31	200.7	16.66	17.1	71.31	76.52	-5.204	32.66	27.22	26.184	506.6
"2013-11-19	16:00:00"	12.12	202.5	15.15	18.89	9.82	204.2	17.23	16.51	71.72	77.36	-5.64	31.46	25.97	26.16	391.16
"2013-11-19	17:00:00"	11.55	200.5	13.27	17.7	9.37	199.4	14.31	14.72	71.12	77	-5.88	31.35	25.84	26.154	228.36
"2013-11-19	18:00:00"	9.73	182.6	8.62	17.1	7.469	183.1	12.11	15.31	69.31	74.03	-4.719	33.09	28.13	26.15	32.199
"2013-11-19	19:00:00"	10.69	171.5	6.242	14.12	8.01	168.8	8.45	11.74	66.32	69.99	-3.674	36.14	31.98	26.142	0.121
"2013-11-19	20:00:00"	9.55	172	8.11	15.31	7.127	169.2	9.83	11.74	63.53	67.18	-3.646	44.97	38.83	26.15	0
"2013-11-19	21:00:00"	8.63	174.9	7.545	13.52	6.388	173.8	9.62	10.54	60.98	64.67	-3.693	62.82	54.68	26.159	0
"2013-11-19	22:00:00"	6.797	180.5	10.07	11.14	4.925	181.7	13.81	8.16	59.16	62.32	-3.152	70.98	62.92	26.159	0
"2013-11-19	23:00:00"	5.437	186.9	14.74	9.35	3.941	190.3	20.19	7.561	57.38	60.04	-2.666	79.21	71.3	26.164	0
"2013-11-20	00:00:00"	6.126	184.9	7.971	8.75	4.219	185	10.14	6.368	56.12	58.64	-2.521	84	75.88	26.162	0
"2013-11-20	01:00:00"	7.634	182.9	8.21	11.74	5.606	183.9	11.4	9.35	55.06	58.22	-3.157	87.1	78.27	26.153	0
"2013-11-20	02:00:00"	9.15	192.7	9.8	15.91	7.054	197	12.38	12.93	55.1	59	-3.897	88.7	80.1	26.149	0.00058
"2013-11-20	03:00:00"	12.08	188.7	8.8	17.7	9.44	192.5	12.62	14.72	55.49	59.74	-4.254	89.5	80.6	26.147	0.17726
"2013-11-20	04:00:00"	13.4	191	7.887	18.89	10.31	195.2	11.66	17.1	55.15	59.52	-4.378	89.9	80.5	26.147	0.34119
"2013-11-20	05:00:00"	12.95	197.4	9.97	18.3	10.51	199	11.11	15.31	54.93	59.04	-4.103	90.2	81.1	26.147	0.02406
"2013-11-20	06:00:00"	12.94	190	9.68	18.89	10.12	192.3	12.98	15.91	54.89	59.27	-4.374	90.2	80.4	26.145	0
"2013-11-20	07:00:00"	13.67	188.9	8.58	18.89	10.71	192.5	12.93	18.3	54.57	59.09	-4.517	90.1	79.3	26.147	0
"2013-11-20	08:00:00"	12.63	189.9	7.998	18.89	9.85	194.4	12.16	17.1	54.15	58.51	-4.362	89.9	79.36	26.154	5.323
"2013-11-20	09:00:00"	14.03	193.8	9.64	20.09	11.03	197.3	11.95	16.51	53.9	57.45	-3.547	89.6	80.3	26.173	56.122
"2013-11-20	10:00:00"	12.54	198.4	12.65	17.1	9.98	198.2	13.73	14.72	54.5	59.31	-4.804	88.4	77.3	26.18	231.58
"2013-11-20	11:00:00"	11.09	204.9	13.68	16.51	9.21	205.7	17.09	14.72	58.45	64.62	-6.172	76.63	64.62	26.179	535.72
"2013-11-20	12:00:00"	10.62	212.3	15.59	18.3	8.87	213.3	19.1	15.91	64.01	70.51	-6.498	59.26	48.76	26.164	608.59
"2013-11-20	13:00:00"	9.97	222.9	17.94	18.3	8.22	225.3	21.79	17.1	68.97	75.26	-6.294	46.49	38.21	26.143	526.15
"2013-11-20	14:00:00"	11.5	233.8	24.44	20.68	9.24	237.3	26.57	18.3	72.64	79.01	-6.372	34.28	28.37	26.112	467.94
"2013-11-20	15:00:00"	14.8	272.1	17.08	21.28	10.7	277.1	18.4	17.7	73.25	78.56	-5.314	27.88	23.12	26.099	263.04
"2013-11-20	16:00:00"	10.24	279.1	12.95	18.3	7.085	284.1	13.93	15.91	72.05	75.7	-3.647	28.72	24.85	26.085	142.87
"2013-11-20	17:00:00"	11	299	9.36	16.51	6.265	302.8	11.43	12.93	70.22	70.34	-0.121	29.74	28.23	26.09	59.211

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-20	18:00:00"	5.142	283.1	20.3	10.54	3.07	284.6	22.06	7.561	68.52	68.01	0.51	31.45	30.68	26.106	29.645	0	
"2013-11-20	19:00:00"	2.754	41.04	22.81	3.982	2.825	60.24	16.35	4.578	66.94	64.07	2.878	32.99	35.33	26.108	0.09419	0	
"2013-11-20	20:00:00"	3.681	34.62	60.57	6.368	3.063	55.64	44.27	4.578	65.62	61.68	3.943	34.21	37.61	26.121	0	0	
"2013-11-20	21:00:00"	6.141	158.4	15.9	13.52	5.072	147.3	35.82	12.33	63.58	59.76	3.829	37.57	40.91	26.14	0	0	
"2013-11-20	22:00:00"	8.62	174.4	7.655	12.33	6.509	172.7	10.28	11.14	58.39	59.92	-1.528	68.64	63.22	26.155	0	0	
"2013-11-20	23:00:00"	8.2	189	12.55	15.31	6.304	192.4	16.28	12.33	57.32	58	-0.68	83.7	79.57	26.158	0	0	
"2013-11-21	00:00:00"	11.44	181.6	8.16	16.51	8.99	182.3	11.95	14.12	58.16	59.36	-1.203	86.3	83.5	26.161	0	0	
"2013-11-21	01:00:00"	11.88	181.3	8.43	18.3	9.41	182.5	12.52	15.31	58.99	60.44	-1.446	88.3	84	26.161	0	0	
"2013-11-21	02:00:00"	11	182.6	9.61	15.91	8.69	184.6	13.73	14.12	60.25	60.98	-0.73	88	83.9	26.164	0	0	
"2013-11-21	03:00:00"	9.09	186.4	10.11	14.12	7.204	188.3	13.36	12.93	59.73	61.35	-1.612	87.9	83.2	26.172	0	0	
"2013-11-21	04:00:00"	10.2	191.6	9.7	15.31	7.948	194.2	13.2	13.52	62.67	61.64	1.028	86.4	82.4	26.177	0	0	
"2013-11-21	05:00:00"	10.04	190.3	8.87	15.31	7.877	193.7	12.41	14.12	63.47	62.94	0.53	82	79.53	26.183	0	0	
"2013-11-21	06:00:00"	9.7	192.4	8.64	14.72	7.566	195.6	11.81	11.74	59.71	63.05	-3.339	83.4	76.93	26.187	0	0	
"2013-11-21	07:00:00"	8.91	193.1	8.8	13.52	6.963	196.6	11.52	10.54	59.41	62.41	-2.999	85.2	77.32	26.204	0	0	
"2013-11-21	08:00:00"	8.6	197.6	11.07	12.93	6.723	199.5	12.23	11.14	58.01	61.64	-3.635	85.9	77.99	26.226	3.5185	0	
"2013-11-21	09:00:00"	7.618	229.6	25.36	12.33	6.272	231.3	29.28	11.74	58.46	61.86	-3.403	86.6	78.92	26.251	75.976	0	
"2013-11-21	10:00:00"	5.508	266.9	18.91	9.35	4.345	270.4	22	8.16	58.66	64.07	-5.41	84.7	73.96	26.274	288.66	0	
"2013-11-21	11:00:00"	4.273	249	25.37	8.75	3.719	252.1	28.84	6.964	61.96	67.66	-5.703	71.49	60.2	26.279	483.84	0	
"2013-11-21	12:00:00"	4.985	273	31.01	11.74	4.011	275.5	33.95	10.54	66.31	73.36	-7.052	52.1	42.2	26.274	588.02	0	
"2013-11-21	13:00:00"	6.519	290.1	25.74	11.74	4.869	291.9	27.84	9.95	70.11	78.12	-8.01	38.17	30.18	26.257	632.49	0	
"2013-11-21	14:00:00"	5.168	354.2	57.92	12.93	4.333	356.4	63.56	11.14	72.58	79.94	-7.356	34.95	27.85	26.241	601.82	0	
"2013-11-21	15:00:00"	5.19	348	88.3	9.35	4.409	349.6	89.1	8.75	73.69	76.63	-2.94	32.52	28.75	26.235	517.51	0	
"2013-11-21	16:00:00"	3.718	132.7	60.15	7.561	3.256	131.8	68.11	6.964	74.06	79.14	-5.082	30.75	25.7	26.236	368.14	0	
"2013-11-21	17:00:00"	4.983	97.4	55.28	10.54	3.971	94.1	53.11	8.75	73.86	73.78	0.076	31.13	29.42	26.249	176.82	0	
"2013-11-21	18:00:00"	6.999	75.51	8	9.95	4.795	75.32	9.72	7.561	71.94	71.95	-0.013	35.63	34.4	26.271	42.881	0	
"2013-11-21	19:00:00"	18.78	43.25	10.89	32.01	14.79	45.96	12.01	28.43	60.39	61.99	-1.607	41.08	37.35	26.308	0.06821	0	
"2013-11-21	20:00:00"	21.74	37.6	7.48	32.61	17.38	40.21	9.81	28.43	51.69	53.88	-2.188	46.98	41.66	26.343	0	0	
"2013-11-21	21:00:00"	25.44	41.12	7.253	35	20.01	44.18	9.93	30.22	44.66	46.47	-1.809	53.43	48.1	26.366	0	0	
"2013-11-21	22:00:00"	22.79	41.35	8.59	33.8	18.16	44.32	10.77	28.43	40.04	41.8	-1.763	57.03	51.77	26.398	0	0	
"2013-11-21	23:00:00"	24.65	37.49	7.132	33.8	19.82	40.17	9.82	32.61	36.32	38.14	-1.819	58.64	53.15	26.437	0.00029	0	
"2013-11-22	00:00:00"	25.18	42.39	7.568	37.98	19.68	45.99	9.71	30.82	34.44	36.06	-1.621	58.05	52.82	26.446	0.0001	0	
"2013-11-22	01:00:00"	27.35	43.15	8.31	37.98	21.57	46.75	10.74	33.21	33.63	35.3	-1.672	57.49	52.35	26.456	0.00019	0	
"2013-11-22	02:00:00"	25.5	42.81	8.54	36.78	20.08	45.77	10.97	31.42	32.37	34.18	-1.814	60.84	55.45	26.487	0.00038	0	
"2013-11-22	03:00:00"	24.02	33.14	8.61	36.78	19.25	35.48	12.01	30.82	30.67	32.88	-2.211	62.28	55.86	26.507	0.00048	0	
"2013-11-22	04:00:00"	23.51	30.62	8.27	34.4	18.87	32.67	11.68	28.43	28.62	31.29	-2.674	64.48	57.04	26.522	0.02351	0	
"2013-11-22	05:00:00"	20.74	29.88	9.28	30.82	16.62	31.98	12.86	27.84	28.08	30.56	-2.475	65.19	58.28	26.545	0.03666	0	
"2013-11-22	06:00:00"	18.72	17.42	9.27	26.65	14.74	17.8	14.79	23.66	27.37	30.78	-3.403	67.1	59.26	26.571	0.09281	0	
"2013-11-22	07:00:00"	17.84	15.45	8.21	26.05	14.1	14.67	13.95	21.87	26.63	29.96	-3.334	72.58	66.06	26.594	0.13429	0	
"2013-11-22	08:00:00"	19.27	19.55	7.356	29.63	15.3	20.09	14.45	27.24	25.9	29.29	-3.391	72.95	64.77	26.618	3.897	0	
"2013-11-22	09:00:00"	17.71	15.27	9.02	26.05	13.88	14.56	16.99	21.87	26.21	29.61	-3.4	68.81	60.87	26.652	25.817	0	
"2013-11-22	10:00:00"	19.76	22.01	8.76	27.84	15.6	22.82	14.76	24.86	26.31	29.74	-3.428	68.67	60.6	26.663	59.683	0	
"2013-11-22	11:00:00"	18.31	20.16	7.972	29.03	14.54	21.23	15.55	24.26	26.77	30.22	-3.45	68.08	59.66	26.676	66.562	0	
"2013-11-22	12:00:00"	16.75	16.99	9.04	24.26	13.31	16.56	18.14	20.68	27.16	31.02	-3.852	68.09	59.15	26.678	86.346	0	
"2013-11-22	13:00:00"	17.09	22.2	7.683	23.07	13.75	22.72	13.97	20.09	27.39	30.78	-3.396	71.2	64.09	26.651	105.36	0	
"2013-11-22	14:00:00"	16.02	19.82	7.66	21.87	12.86	19.91	16.39	18.89	27.67	31.13	-3.456	72.83	64.65	26.634	70.26	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-22	15:00:00"	16.04	22.04	7.423	21.87	12.88	23.05	14.03	18.89	28.4	31.6	-3.204	72.73	65.53	26.617	85.62	0
"2013-11-22	16:00:00"	16.18	21.78	7.881	24.26	12.84	22.22	15.48	21.87	28.47	31.69	-3.221	75.07	68.59	26.613	61.947	0
"2013-11-22	17:00:00"	16	19.83	7.821	23.07	12.77	19.9	15.87	20.09	28.17	31.71	-3.541	75.66	67.44	26.617	28.92	0
"2013-11-22	18:00:00"	16.5	17.74	8.1	23.66	12.95	17.6	16.82	19.49	28.37	31.55	-3.18	74.06	65.22	26.616	4.9627	0
"2013-11-22	19:00:00"	14.79	17.8	7.673	21.28	11.54	17.88	17.37	17.7	28.43	31.25	-2.814	72.11	64.11	26.625	0.19876	0
"2013-11-22	20:00:00"	13.97	22.18	8.2	20.09	11.05	22.86	14.64	17.7	28.31	30.82	-2.511	72.17	65.83	26.638	0.10557	0
"2013-11-22	21:00:00"	12.95	20.52	7.613	19.49	10.23	21.03	15.58	15.91	28.19	30.85	-2.656	75.04	70.44	26.644	0.08139	0
"2013-11-22	22:00:00"	13.21	16.85	7.341	17.7	10.39	16.62	15.67	16.51	28.56	31.21	-2.653	77.21	72.69	26.654	0.09972	0
"2013-11-22	23:00:00"	13.91	14.03	8.22	21.28	10.99	12.86	19.19	17.7	28.59	31.5	-2.907	77.94	72.22	26.65	0.12889	0
"2013-11-23	00:00:00"	13.84	16.41	7.349	21.87	10.92	15.57	16.08	18.89	29.08	31.56	-2.481	78.11	72.21	26.65	0.13436	0
"2013-11-23	01:00:00"	14.17	18.86	7.081	21.28	11.19	19.35	15.01	17.7	29.42	31.47	-2.05	77.58	72.17	26.648	0.04636	0
"2013-11-23	02:00:00"	14.49	15.55	7.897	19.49	11.37	14.2	17.65	17.7	29.76	31.93	-2.171	77.29	72.03	26.644	0.02515	0
"2013-11-23	03:00:00"	15.01	18.5	6.389	21.28	11.87	18.46	14.24	18.3	29.66	31.89	-2.239	76.11	70.73	26.642	0.04482	0
"2013-11-23	04:00:00"	14.21	22.51	7.687	20.09	11.31	22.81	13.57	18.3	29.33	31.75	-2.421	75.95	71.54	26.644	0.07966	0
"2013-11-23	05:00:00"	12.75	28.46	8.37	17.7	10.46	29.82	11.76	15.91	29.12	31.82	-2.699	77.66	73.04	26.642	0.04031	0
"2013-11-23	06:00:00"	11.02	31.79	8.29	17.1	9.51	33.24	11.94	15.91	29.16	32.07	-2.913	79.9	74.97	26.651	0.08004	0
"2013-11-23	07:00:00"	4.678	28.09	7.248	14.72	6.311	29.06	11.51	17.1	30.52	32.76	-2.237	80.7	75.26	26.665	0.06699	0.03
"2013-11-23	08:00:00"	1	29.35	7.893	1	1	30.71	12.15	1	31.41	33.35	-1.934	79.77	74.16	26.675	1.4588	0
"2013-11-23	09:00:00"	1	23.69	8.21	1	1	24.09	14.42	1	31.93	34.01	-2.081	78.41	73.09	26.69	11.919	0
"2013-11-23	10:00:00"	1	25.13	6.88	1	1	26.36	12.05	1	32.53	34.45	-1.92	76.8	71.88	26.701	26.38	0
"2013-11-23	11:00:00"	1	37.44	9.01	1	1	39.67	12.11	1	31.58	33.87	-2.287	76.86	73.34	26.725	36.521	0
"2013-11-23	12:00:00"	1	45.98	8.78	1	1	48.64	11.52	1	30.74	33.32	-2.578	79.05	75.15	26.722	59.491	0
"2013-11-23	13:00:00"	1	43.15	9.83	1	1	46.25	12.57	1	30.64	33.27	-2.629	79.85	75.31	26.712	58.487	0
"2013-11-23	14:00:00"	1	40.86	9.06	1	1	43.37	11.78	1	30.79	33.65	-2.856	80.5	75.5	26.692	70.612	0.02
"2013-11-23	15:00:00"	1	41.46	8.19	1	1	43.65	11.16	1	31.87	34.29	-2.423	80.5	75	26.664	63.572	0
"2013-11-23	16:00:00"	1	43.1	8.71	1	1	45.62	11.17	1	31.2	33.49	-2.282	77.69	71.4	26.659	36.948	0
"2013-11-23	17:00:00"	1	43.68	8.78	1	1	46.24	10.64	1	30.85	32.96	-2.113	73.43	68.82	26.656	22.171	0
"2013-11-23	18:00:00"	1	44.79	10.34	1	1	47.49	12.74	1	29.72	32.22	-2.493	69.88	66.43	26.664	3.5964	0
"2013-11-23	19:00:00"	1	27.65	8.66	1	1	28.79	12.97	1	29.73	32.28	-2.55	69.69	67.06	26.67	0.12323	0.04
"2013-11-23	20:00:00"	1	31.92	8.2	1	1	33.26	11.25	1	29.89	33.13	-3.236	72.83	67.31	26.666	0.04876	0.01
"2013-11-23	21:00:00"	1	33.1	8.88	1	1	35.11	11.35	1	28.95	31.98	-3.031	74.24	68.74	26.69	0.06257	0.04
"2013-11-23	22:00:00"	1	36.75	9.52	1	1	38.68	12.54	1	28.08	31.06	-2.98	76.16	72.52	26.687	0.09876	0.02
"2013-11-23	23:00:00"	1	39.7	9.27	1	1	41.89	11.25	1	28.28	31.06	-2.786	75.33	71.35	26.681	0.13004	0
"2013-11-24	00:00:00"	1	40.66	9.59	1	1	43.09	11.95	1	29.25	31.73	-2.489	74.24	70.51	26.679	0.03849	0.03
"2013-11-24	01:00:00"	1	49.88	9.82	1	1	53.91	11.55	1	28.41	30.76	-2.353	73.18	69.77	26.662	0.03234	0
"2013-11-24	02:00:00"	1	56.72	10.57	1	1	60.08	11.85	1	28.66	30.2	-1.535	76.57	72.51	26.644	0.07735	0.02
"2013-11-24	03:00:00"	1	57.84	9.37	1	1	60.84	11.47	1	30.46	29.55	0.913	75.73	74.7	26.634	0.1288	0.02
"2013-11-24	04:00:00"	1	60.56	9.33	1	1	63.24	11.47	1	30.82	29.81	1.013	74.6	75.66	26.628	0.10884	0
"2013-11-24	05:00:00"	1	60.31	12.08	1	1	69.8	11.5	1	29.43	29.8	-0.373	75.54	76.82	26.629	0.03004	0
"2013-11-24	06:00:00"	1	79.57	8.12	1	1	79.26	10.24	1	28.97	30.09	-1.117	77.31	76.86	26.609	0.03234	0
"2013-11-24	07:00:00"	1	88.9	9.32	1	1	90.1	10.93	1	28.25	29.23	-0.981	77.96	76.96	26.606	0.08676	0
"2013-11-24	08:00:00"	1	88.5	8.1	1	1	89.2	9.6	1	28.43	29.31	-0.879	78.58	77.51	26.607	0.85704	0
"2013-11-24	09:00:00"	1	97.5	8.62	1	1	98.2	9.85	1	29.27	29.55	-0.282	79.01	77.97	26.605	25.099	0.02
"2013-11-24	10:00:00"	1	108.5	9.95	1	1	109.4	12.1	1	29.74	29.63	0.11	78.99	78.25	26.604	61.304	0.01
"2013-11-24	11:00:00"	1	105.4	8.59	1	1	106.3	10.75	1	29.95	30.06	-0.111	78.79	78	26.605	129.03	0.01

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-24	12:00:00"	1	115.2	8.55	1	1	116.8	11.11	1	30.92	30.67	0.244	78.21	77.48	26.591	131.5	0
"2013-11-24	13:00:00"	1	118.4	10.11	1	1	119.2	12.3	1	31.7	31.18	0.517	77.32	77.01	26.559	170.71	0.01
"2013-11-24	14:00:00"	1	125.8	12.07	1	1	127.9	13.86	1	30.4	31.4	-0.994	77.2	76.78	26.525	172.11	0.01
"2013-11-24	15:00:00"	1	120	8.97	1	1	121.3	11.94	1	30.05	31.29	-1.239	77.82	76.28	26.495	130.94	0
"2013-11-24	16:00:00"	1	120.6	9.67	1	1	121.3	11.93	1	29.53	30.96	-1.429	78.41	76.29	26.476	81.704	0
"2013-11-24	17:00:00"	1	134.7	14.82	1	1	134.7	15.09	1	29.27	30.75	-1.482	79.17	76.76	26.462	43.18	0
"2013-11-24	18:00:00"	1	156.3	14.82	1	1	154.1	15.37	1	29.07	30.45	-1.384	80.1	77.63	26.458	7.0228	0
"2013-11-24	19:00:00"	1	146.3	9.36	1	1	145.6	10.21	1	28.89	30.38	-1.497	81.3	78.86	26.449	0.1216	0
"2013-11-24	20:00:00"	1	165.3	13.53	1	1	165.9	16.3	1	28.7	30.28	-1.581	82.3	79.51	26.447	0.13139	0
"2013-11-24	21:00:00"	1	173.8	11.07	1	1	174	13.69	1	28.86	31.14	-2.278	82.8	79.96	26.44	0.08801	0
"2013-11-24	22:00:00"	1	172.8	8.68	1	1	173.3	12.12	1	28.94	31.75	-2.811	83.3	79.39	26.426	0.10346	0
"2013-11-24	23:00:00"	1	189.7	11.55	1	1	192.5	15.2	1	28.97	32.31	-3.345	83.8	79.13	26.414	0.09597	0
"2013-11-25	00:00:00"	1	196.4	12.53	1	1	199.1	14.6	1	29.22	32.86	-3.64	84.1	78.53	26.399	0.14953	0
"2013-11-25	01:00:00"	1	200.2	13.17	1	1	202.2	15.1	1	29.37	33.09	-3.721	84.4	78.21	26.383	0.08635	0
"2013-11-25	02:00:00"	1	201.8	12.64	1	1	202.6	13.9	1	29.41	33.24	-3.826	84.8	77.72	26.359	0.17304	0
"2013-11-25	03:00:00"	1	209.9	15.04	1	1	208.8	16.4	1	29.65	33.3	-3.647	84.9	77.65	26.338	0.07774	0
"2013-11-25	04:00:00"	1	225.8	15.28	1	1	228.9	18.41	1	29.86	33.61	-3.746	85	77.72	26.322	0.09818	0
"2013-11-25	05:00:00"	1	226.1	14.53	1	1	228.7	17.85	1	29.92	33.48	-3.563	85	77.52	26.3	0.02725	0
"2013-11-25	06:00:00"	1	239.7	14.43	1	1	244.1	17.93	1	29.94	32.87	-2.926	84.9	77.81	26.289	0.02773	0
"2013-11-25	07:00:00"	1	230.2	13.69	1	1	232.5	17.25	1	29.42	32.28	-2.857	84.7	77.32	26.289	0.02457	0
"2013-11-25	08:00:00"	1	238.6	11.62	1	1	244.1	14.05	1	29.69	32.12	-2.43	84.7	78.32	26.3	3.8275	0
"2013-11-25	09:00:00"	1	239.1	13.46	1	1	243.9	16.58	1	29.6	32.19	-2.592	84.6	79.49	26.308	56.255	0
"2013-11-25	10:00:00"	1	231	13.37	1	1	234.5	17.15	1	29.34	32.7	-3.368	84.8	79.74	26.314	144.59	0
"2013-11-25	11:00:00"	1	233.3	14.73	1	1	237.9	17.12	1	31.28	34.23	-2.955	85.4	79.71	26.32	274.9	0
"2013-11-25	12:00:00"	1	255.9	13.08	1	1.043	260.5	15.85	11.14	35.53	36.14	-0.611	85.5	78.6	26.325	497.95	0
"2013-11-25	13:00:00"	10.8	283.1	14.63	20.68	9.36	288	16.19	16.51	37.72	41.31	-3.589	85.2	75.25	26.305	593.88	0
"2013-11-25	14:00:00"	15.79	324.3	13.35	24.26	11.89	326	13.84	21.28	41.41	46.09	-4.678	75.92	62.32	26.296	416.88	0
"2013-11-25	15:00:00"	17.12	331.1	11.67	24.86	13.18	331.7	13.32	21.87	42.37	46.31	-3.94	65.26	57.8	26.298	349	0
"2013-11-25	16:00:00"	16.71	349.6	12.76	26.05	13.14	347.9	17.54	22.47	42.25	44.92	-2.676	60.42	56.81	26.311	186.98	0
"2013-11-25	17:00:00"	13.38	353.8	12.65	20.09	10.54	352.2	21.29	17.1	41.64	43.88	-2.236	61.15	58.09	26.326	87.72	0
"2013-11-25	18:00:00"	11.88	338.9	9.59	18.89	9.18	339	13.69	15.91	41.31	42.71	-1.398	63.63	61.74	26.337	10.25	0
"2013-11-25	19:00:00"	17.11	351	13.35	29.63	13.25	349.1	19.47	23.66	40.46	41.82	-1.361	62.88	60.79	26.354	0.03606	0
"2013-11-25	20:00:00"	16.25	1.425	13.5	26.65	12.65	358.5	25.88	22.47	38.1	40.57	-2.477	64.17	59.61	26.377	0	0
"2013-11-25	21:00:00"	12.99	359.2	13.22	25.45	10.08	356.3	24.16	21.28	37.91	38.72	-0.812	66.74	65.93	26.389	0	0
"2013-11-25	22:00:00"	23.71	358.8	13.77	35.59	18.42	356.2	23.78	30.82	34.68	37.35	-2.673	62.36	57.46	26.404	0	0
"2013-11-25	23:00:00"	20.21	355.1	11.97	30.22	15.89	352.2	20.65	25.45	33.02	34.72	-1.701	64.15	61.44	26.42	0.00086	0
"2013-11-26	00:00:00"	18.11	2.923	12.79	26.05	14.23	359.7	23.56	24.26	32.49	35.09	-2.599	67.8	63	26.436	0.0001	0
"2013-11-26	01:00:00"	17.29	3.251	11.88	25.45	13.6	0.535	23	22.47	32.28	35.2	-2.922	70.21	64.18	26.44	0.0001	0
"2013-11-26	02:00:00"	17.84	8.46	9.93	26.05	13.91	6.183	21.24	21.87	31.96	35.24	-3.286	68.6	61.39	26.45	0.00096	0
"2013-11-26	03:00:00"	18.32	4.849	12.59	27.24	14.31	2.207	21.92	22.47	31.95	35.42	-3.467	69.04	61.46	26.458	0.00077	0
"2013-11-26	04:00:00"	12.05	355.8	11.81	21.28	9.34	352.4	17.75	18.89	29.99	32.16	-2.166	69.78	65.35	26.469	0.00019	0
"2013-11-26	05:00:00"	9.16	359.8	12.1	14.72	6.955	356.7	20.57	12.33	29.17	31.31	-2.14	72.83	69.56	26.478	0.0286	0
"2013-11-26	06:00:00"	9.91	3.823	12.23	15.31	7.451	0.55	21.25	12.93	29.76	32.24	-2.477	72.57	67.27	26.478	0.05404	0
"2013-11-26	07:00:00"	12.04	0.794	12.4	17.1	9.37	357.3	21.38	14.72	30.53	32.92	-2.389	70.56	65.02	26.489	0.04089	0
"2013-11-26	08:00:00"	12.05	358.1	12.98	16.51	9.23	354.3	19.37	14.72	30.52	32.76	-2.238	67.38	62.71	26.513	12.474	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-26	09:00:00"	14.02	8.01	10.23	20.68	11.07	6.423	20.78	17.7	33.14	36.62	-3.487	62.35	56.21	26.544	152.48	0
"2013-11-26	10:00:00"	15.95	9.99	9.32	24.26	12.59	8.29	20.59	20.09	37.34	41.32	-3.98	49.43	43.16	26.573	326.57	0
"2013-11-26	11:00:00"	14.83	11.3	10.47	20.68	11.94	10.24	20.74	18.3	40.36	44.48	-4.124	42.58	37.78	26.601	477.11	0
"2013-11-26	12:00:00"	13.26	8.05	12.87	20.09	10.89	6.303	22.28	17.7	43.25	47.49	-4.24	39.24	35.77	26.606	580.58	0
"2013-11-26	13:00:00"	12.54	9.7	14.25	20.09	10.23	8.58	23.24	17.1	46.12	50.33	-4.201	37.17	34.36	26.595	623.7	0
"2013-11-26	14:00:00"	11.64	7.6	15.17	18.89	9.53	6.636	23.94	17.1	47.93	51.98	-4.044	36.45	33.85	26.581	591.52	0
"2013-11-26	15:00:00"	13.85	10.06	15.56	21.28	11.18	8.93	21.92	18.89	48.46	52.34	-3.883	36.36	33.5	26.572	518.31	0
"2013-11-26	16:00:00"	12.61	3.827	15.43	20.09	10.27	2.407	23.29	18.89	49.09	52.96	-3.866	36.78	33.46	26.573	382.05	0
"2013-11-26	17:00:00"	12.02	358.3	13.79	17.7	9.61	354.9	20.4	15.31	48.11	51.86	-3.748	38.31	34.72	26.587	212.41	0
"2013-11-26	18:00:00"	9.42	357.5	12.31	15.91	6.908	353.1	18.28	12.93	46.53	46.63	-0.101	40.12	40.66	26.587	40.792	0
"2013-11-26	19:00:00"	7.913	1.503	15.73	9.35	4.261	355.3	21.86	5.771	41.12	38.91	2.21	50.17	56.36	26.59	0.08822	0
"2013-11-26	20:00:00"	8.14	356.1	11.25	9.35	3.986	357.9	18.91	5.175	39.24	35.36	3.884	56.2	65.54	26.599	0	0
"2013-11-26	21:00:00"	9.41	336.6	8.97	10.54	4.475	340.3	16.51	5.771	39.89	34.86	5.036	53.25	67.27	26.598	0.00221	0
"2013-11-26	22:00:00"	8.9	319.4	5.081	10.54	4.091	321	10.06	6.368	38.23	34.9	3.332	56.84	67.08	26.601	0.00134	0
"2013-11-26	23:00:00"	8.89	326.2	6.091	9.95	4.183	334.5	8.85	5.771	37.28	33.38	3.903	61.37	70.36	26.603	0.00365	0
"2013-11-27	00:00:00"	7.907	329.3	11.88	9.35	3.843	334.8	16.99	5.771	35.35	33.59	1.755	64.53	70.47	26.607	0.00662	0
"2013-11-27	01:00:00"	7.661	356.5	13.34	9.35	3.688	352.2	12.63	5.175	38.79	30.75	8.04	54.83	72.75	26.598	0.04722	0
"2013-11-27	02:00:00"	6.65	343.4	17.57	9.35	3.237	345.2	27.68	4.578	38.46	30.9	7.556	53.45	71.51	26.592	0.09597	0
"2013-11-27	03:00:00"	7.328	327.3	5.741	9.35	3.673	331.6	9.17	5.771	33.8	30.3	3.506	63.78	73.08	26.591	0.10039	0
"2013-11-27	04:00:00"	7.55	314.5	4.258	10.54	4.217	316.9	5.788	6.368	33.49	31.89	1.598	66.33	73.24	26.587	0.12497	0
"2013-11-27	05:00:00"	7.714	319.9	6.842	9.95	3.922	324.2	13.35	6.368	32.78	31.1	1.678	67.7	71.71	26.58	0.05979	0
"2013-11-27	06:00:00"	5.454	312.8	6.061	8.16	3.093	349.6	23.31	4.578	34.42	29.15	5.266	64.59	73.58	26.577	0.07199	0
"2013-11-27	07:00:00"	2.683	16.25	45.9	4.578	3.804	23.53	6.274	5.175	35.7	29.37	6.331	59.45	72.58	26.582	0.09465	0
"2013-11-27	08:00:00"	4.333	120.6	10.09	5.771	2.013	77.56	16.82	3.386	36.5	30.86	5.64	56.74	69.35	26.581	11.538	0
"2013-11-27	09:00:00"	3.855	139.5	21.29	5.175	1.942	119.8	44.11	3.982	37.68	35.56	2.121	56.78	64.8	26.6	148.44	0
"2013-11-27	10:00:00"	5.567	162.3	10.87	8.16	4.472	161.4	11.54	6.368	40.55	42.26	-1.715	55.09	53.66	26.609	324.54	0
"2013-11-27	11:00:00"	7.156	174.2	12.29	12.33	5.947	172.5	14.79	10.54	43.75	46.22	-2.469	47.2	44.21	26.593	477.22	0
"2013-11-27	12:00:00"	9.32	200.3	16.6	15.31	7.804	201	18.85	13.52	45.16	46.79	-1.624	43.81	41.53	26.579	582.87	0
"2013-11-27	13:00:00"	10.73	208.1	15.57	18.89	8.96	208.7	17.6	15.91	47.47	49.37	-1.901	40.59	38.04	26.556	604.29	0
"2013-11-27	14:00:00"	10.86	201.6	15.24	17.1	8.89	202.3	18.3	14.12	48.5	51.68	-3.172	38.48	34.67	26.521	464.74	0
"2013-11-27	15:00:00"	10.29	210.4	15.43	17.1	8.61	210.5	17.31	15.31	49.1	51.75	-2.647	36.73	33.22	26.5	316.14	0
"2013-11-27	16:00:00"	9.17	205.8	13.95	14.72	7.658	206.3	15.94	14.12	48.35	50.49	-2.143	37.91	34.95	26.479	203.53	0
"2013-11-27	17:00:00"	8.21	203.5	13.72	12.93	6.778	202.8	15.52	11.74	47.67	49.7	-2.022	39.04	36.26	26.473	102.17	0
"2013-11-27	18:00:00"	6.771	189.6	8.14	11.14	5.191	191.4	11.46	8.75	46.92	48.17	-1.258	42.47	40.54	26.466	16.459	0
"2013-11-27	19:00:00"	6.273	182.9	8.43	9.95	4.695	181.7	10.91	7.561	44.16	43.85	0.307	48.81	49.21	26.471	0.02465	0
"2013-11-27	20:00:00"	6.438	165	9.57	9.35	4.647	160.2	11.6	6.964	43.19	42.53	0.667	50.14	51.63	26.47	0	0
"2013-11-27	21:00:00"	8.04	167.2	8.88	11.74	6.137	164.7	10.23	9.95	42.97	41.84	1.128	52.76	54.61	26.475	0	0
"2013-11-27	22:00:00"	7.187	164.9	8.77	11.74	5.495	162.6	9.29	9.95	41.92	40.54	1.384	56.58	59.29	26.475	0	0
"2013-11-27	23:00:00"	6.862	161.8	8.56	9.95	4.99	158.8	10.09	7.561	39.79	39.08	0.707	60.91	62.15	26.47	0	0
"2013-11-28	00:00:00"	7.51	174.5	11.57	10.54	5.585	173.6	13.72	8.16	39.17	39.41	-0.245	61.42	61.5	26.464	0	0
"2013-11-28	01:00:00"	8.29	177	7.565	11.74	6.199	173.1	9.63	9.95	38.84	38.57	0.268	59.51	60.03	26.449	0	0
"2013-11-28	02:00:00"	7.504	173.7	8.39	11.74	5.507	172	10.33	8.75	38.84	37.64	1.199	58.27	60.39	26.427	0.0001	0
"2013-11-28	03:00:00"	6.84	179.2	6.436	9.35	5.002	175.5	8.84	7.561	38.36	37.35	1.007	58.31	60.68	26.426	0	0
"2013-11-28	04:00:00"	5.747	182.5	9.12	9.35	3.941	183.3	13.23	6.964	37.7	37.23	0.472	59.43	61.09	26.42	0	0
"2013-11-28	05:00:00"	6.129	188	7.903	9.35	4.239	191.7	10.79	6.964	36.92	37.47	-0.555	60.75	60.54	26.418	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-28	06:00:00"	6.399	193	6.573	8.75	4.416	198.2	9.56	6.368	36.2	35.72	0.479	62.2	63.33	26.42	0.00096	0	
"2013-11-28	07:00:00"	6.889	199.4	7.525	9.35	5.059	204.8	9.26	6.964	35.34	34.88	0.46	63.75	64.34	26.426	0.00106	0	
"2013-11-28	08:00:00"	6.827	195.2	8.54	9.35	4.83	199.7	11.12	8.16	34.61	34.46	0.151	65.26	65.41	26.434	10.714	0	
"2013-11-28	09:00:00"	8.13	192.6	9.58	12.93	6.242	195.3	11.61	10.54	36.46	38.73	-2.264	64.84	61.62	26.451	146.67	0	
"2013-11-28	10:00:00"	10.05	196.1	11.73	13.52	8.22	198	14.28	11.74	40.53	43.78	-3.243	60.98	54.34	26.47	321.12	0	
"2013-11-28	11:00:00"	7.846	205.6	15.44	12.33	6.556	207.4	18.26	11.14	43.57	48.7	-5.136	55.79	47.5	26.482	473.56	0	
"2013-11-28	12:00:00"	6.64	217.1	14.2	10.54	5.794	220.1	16.67	9.95	48.01	53.69	-5.688	47.27	39.02	26.477	579.11	0	
"2013-11-28	13:00:00"	7.009	213.3	18.61	11.14	5.924	216.2	22.71	9.95	52.13	58.12	-5.981	38.49	32.05	26.459	623.35	0	
"2013-11-28	14:00:00"	7.188	208.1	21.09	12.93	6.155	210.2	24.84	11.14	54.54	60.73	-6.194	34.64	28.28	26.44	590.55	0	
"2013-11-28	15:00:00"	7.03	200.2	20.97	13.52	6.012	200.5	24.71	11.74	55.73	61.99	-6.254	32.9	26.73	26.428	519.71	0	
"2013-11-28	16:00:00"	6.311	195.4	19.85	12.93	5.26	196.3	23.82	11.14	55.87	62.31	-6.44	32.27	26.01	26.428	381.2	0	
"2013-11-28	17:00:00"	5.122	190	18.44	9.95	4.218	189.6	23.13	8.75	55.24	61.41	-6.166	32.75	26.76	26.439	214.84	0	
"2013-11-28	18:00:00"	5.423	160.8	15.26	8.16	3.971	156.6	17.37	6.964	53.97	57.65	-3.676	35.1	31.56	26.446	40.982	0	
"2013-11-28	19:00:00"	4.005	173.5	9.06	6.368	2.242	162.4	12.36	5.175	50.73	50.74	-0.014	38.39	38.69	26.461	0.07497	0	
"2013-11-28	20:00:00"	2.971	158.8	16.76	3.982	1.349	107.4	27.77	2.789	49.31	47.7	1.614	39.39	41.96	26.475	0	0	
"2013-11-28	21:00:00"	7.821	124.7	9.88	11.74	4.366	104.4	14.21	7.561	47.29	44.52	2.77	45.55	49.55	26.49	0	0	
"2013-11-28	22:00:00"	8.77	139.3	7.232	12.93	5.991	137.1	9.2	9.35	45.26	43.96	1.302	58.67	59.89	26.502	0	0	
"2013-11-28	23:00:00"	7.138	162.1	11.04	11.74	5.384	162.9	12.2	10.54	42.66	41.25	1.405	64.15	66.15	26.513	0	0	
"2013-11-29	00:00:00"	4.838	178.1	9.02	9.35	3.23	183.7	14.58	6.964	40.12	39.3	0.824	68.02	69.36	26.516	0	0	
"2013-11-29	01:00:00"	4.497	177.5	8.21	8.16	2.469	177.5	13.64	5.771	39.16	38.16	1.007	70.04	71.59	26.512	0	0	
"2013-11-29	02:00:00"	5.022	152.5	22.05	8.75	3.311	137.6	47.84	5.771	38.43	37.41	1.019	70.04	71.3	26.503	0	0	
"2013-11-29	03:00:00"	3.74	147.6	18.59	5.175	1.587	108.4	39.26	3.982	36.53	35.1	1.434	72.77	74.38	26.498	0.00259	0	
"2013-11-29	04:00:00"	3.413	86	15.71	5.771	2.366	44.13	33.58	4.578	35.34	32.82	2.519	74.75	74.78	26.505	0.00019	0	
"2013-11-29	05:00:00"	4.002	57.98	11.96	5.175	3.786	15.68	5.692	4.578	34.86	29.31	5.546	75.8	78.12	26.503	0.01276	0	
"2013-11-29	06:00:00"	5.382	31.47	4.119	6.964	4.113	19.53	5.734	5.175	32.94	29.67	3.265	76.71	79.24	26.505	0.0048	0	
"2013-11-29	07:00:00"	5.083	32.45	6.171	7.561	4.029	18.73	5.94	5.175	32.98	29.24	3.742	78.74	79.43	26.514	0.0215	0	
"2013-11-29	08:00:00"	5.462	37.87	8.36	7.561	4.321	27.24	8.49	5.771	31.96	30.65	1.318	79.06	80	26.523	12.56	0	
"2013-11-29	09:00:00"	5.19	74.15	22.4	7.561	3.841	70.76	28.01	6.368	33.74	34	-0.26	80.1	81.2	26.547	145.13	0	
"2013-11-29	10:00:00"	5.881	130	13.1	8.16	4.944	131.6	14.4	7.561	38.9	41.04	-2.148	75.74	73.17	26.559	317.69	0	
"2013-11-29	11:00:00"	6.335	165.3	14.12	9.95	5.419	165.1	14.99	8.75	44.26	47.56	-3.298	63.27	57.43	26.564	469.49	0	
"2013-11-29	12:00:00"	6.493	166.3	16.69	11.14	5.525	166.9	19.06	9.95	49.15	51.65	-2.502	53	48.28	26.554	578.03	0	
"2013-11-29	13:00:00"	6.821	184.9	23.29	11.14	5.781	185	26.64	9.95	53.58	54.97	-1.398	45.63	42.86	26.532	607.25	0	
"2013-11-29	14:00:00"	7.151	195.2	25.16	12.93	6.117	195.1	28.94	11.74	57.07	60.29	-3.219	40.44	36	26.506	578.41	0	
"2013-11-29	15:00:00"	9.07	181.4	11.63	14.12	7.506	181.7	15.87	12.33	59.95	63.15	-3.208	36.43	32.45	26.484	516.31	0	
"2013-11-29	16:00:00"	8.08	184.4	15.8	13.52	6.653	184.3	17.86	11.74	60.4	64.93	-4.528	36.2	31.14	26.473	360.34	0	
"2013-11-29	17:00:00"	9.21	180.1	9.52	12.93	7.382	179.8	13.16	10.54	59.99	63.57	-3.574	36.21	32.01	26.47	187.82	0	
"2013-11-29	18:00:00"	8.72	171.4	5.845	12.93	6.625	167.9	8.17	9.95	58.29	60.55	-2.253	38.01	34.7	26.458	31.966	0	
"2013-11-29	19:00:00"	7.625	174.5	6.449	11.14	5.484	169.7	8.34	8.75	54.31	55.15	-0.848	44.11	41.76	26.463	0.0161	0	
"2013-11-29	20:00:00"	7.941	164.2	6.924	11.14	5.598	159.6	8.32	8.75	51.61	51.91	-0.291	49.11	47.41	26.478	0	0	
"2013-11-29	21:00:00"	7.987	165	8.29	11.14	5.806	160.2	8.82	8.75	49.78	49.87	-0.086	53.56	52	26.486	0	0	
"2013-11-29	22:00:00"	6.367	165.9	11.02	8.75	4.444	164.3	12.53	6.964	47.11	47.72	-0.605	58.89	56.46	26.488	0	0	
"2013-11-29	23:00:00"	6.603	197.4	14.12	10.54	4.643	197.7	16.57	6.964	44.94	46.24	-1.305	64.61	61.05	26.491	0	0	
"2013-11-30	00:00:00"	7.853	202.4	11.31	11.74	6.009	204.2	11.58	9.35	44.35	45.18	-0.828	66.88	63.74	26.491	0	0	
"2013-11-30	01:00:00"	7.78	205.5	11.25	11.74	6.129	202	10.02	9.35	42.48	43.39	-0.915	72.58	69.5	26.476	0	0	
"2013-11-30	02:00:00"	9.19	201.4	8.44	11.74	7.129	201.7	8.74	9.95	43.27	43.27	-0.001	72.49	71.51	26.463	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-11-30	03:00:00"	7.812	210	14.61	11.14	6.187	209.1	17.05	8.75	41.21	41.52	-0.309	76.42	75.16	26.452	0
"2013-11-30	04:00:00"	6.466	262.3	10.91	8.16	4.618	273.4	12.85	7.561	40.58	40.92	-0.335	79.15	77.89	26.462	0
"2013-11-30	05:00:00"	5.55	253.6	9.26	8.75	3.805	262.5	11.58	8.16	40.71	41.12	-0.414	80.5	79.27	26.457	0
"2013-11-30	06:00:00"	4.462	236.4	17.19	5.771	3.097	242.6	25.03	4.578	40.55	41.4	-0.843	81.6	79.64	26.447	0
"2013-11-30	07:00:00"	4.606	244.5	21.89	8.16	3.191	259.9	32.58	6.368	40.5	41.75	-1.257	82.7	79.49	26.45	0
"2013-11-30	08:00:00"	4.21	260.5	13.3	5.771	2.304	281.6	18.45	3.982	40.88	41.17	-0.288	83.4	79.34	26.454	13.796
"2013-11-30	09:00:00"	5.233	285.1	14.17	7.561	3.229	293.8	14.86	6.368	41.98	45.5	-3.521	83.3	80.5	26.472	150.67
"2013-11-30	10:00:00"	5.47	248.7	20.05	8.75	4.645	251.1	21.29	7.561	46.38	51.86	-5.482	80.1	70.78	26.49	399.05
"2013-11-30	11:00:00"	4.506	229.3	20.04	7.561	3.982	230.8	23.12	6.964	52.97	58.87	-5.902	63.41	53.16	26.492	579.57
"2013-11-30	12:00:00"	5.173	257.5	28.85	9.35	4.318	257.9	30.92	8.75	59.7	66.74	-7.043	47.61	38.11	26.483	617.88
"2013-11-30	13:00:00"	5.306	278.9	31.27	10.54	4.188	278.2	32.7	9.35	64.36	70.51	-6.149	35.18	29.45	26.451	597.13
"2013-11-30	14:00:00"	4.337	0.165	80.9	8.75	3.716	0.243	84.5	8.16	67.26	74.98	-7.725	31.78	24.95	26.412	633.52
"2013-11-30	15:00:00"	3.114	178.5	58.24	6.368	2.755	182.9	60.81	6.368	68.84	71.56	-2.713	29.78	26.19	26.394	519.29
"2013-11-30	16:00:00"	5.429	246.6	19.48	11.14	4.498	251.3	21.08	9.35	68.53	71.25	-2.715	30.27	27.04	26.39	213.02
"2013-11-30	17:00:00"	6.233	208.9	17.13	12.33	5.152	209	19.19	9.95	66.59	68.93	-2.347	35.25	31.99	26.388	86.598
"2013-11-30	18:00:00"	5.383	205.1	13.54	9.95	4.223	202.5	13.22	8.16	63.38	64.03	-0.651	40.37	38.73	26.389	33.656
"2013-11-30	19:00:00"	3.656	205.9	13.86	5.771	1.865	194.6	27.7	4.578	60.2	59.13	1.069	44.25	45.18	26.399	0.01955
"2013-11-30	20:00:00"	5.203	223.9	19.23	8.75	3.6	220.3	22.06	6.368	57.97	57.44	0.529	48.95	49.17	26.404	0
"2013-11-30	21:00:00"	3.753	231.5	14.28	6.368	2.615	213.1	25.87	4.578	55.19	54.66	0.527	54.34	55.09	26.41	0
"2013-11-30	22:00:00"	4.209	260	21.16	6.368	2.702	248.4	30.8	4.578	53.78	53.78	-0.002	57.71	58.27	26.416	0
"2013-11-30	23:00:00"	3.453	231	18.9	5.175	2.19	207.9	25.25	4.578	52.71	53.35	-0.636	60.3	60.05	26.414	0
"2013-12-01	00:00:00"	3.432	226.7	17.22	5.175	2.182	219.5	43.83	3.982	51.68	51.9	-0.219	62.36	62.91	26.41	0
"2013-12-01	01:00:00"	4.079	202.8	29.93	7.561	2.738	200.4	42.14	5.771	50.2	50.62	-0.424	65.08	64.6	26.407	0
"2013-12-01	02:00:00"	3.851	217.7	16.64	6.368	2.367	235	44.93	5.175	49.03	49.65	-0.619	67.11	66.03	26.395	0
"2013-12-01	03:00:00"	4.483	225.6	15.45	7.561	2.747	227.1	23.36	6.368	49.13	50.28	-1.15	69.3	66.68	26.387	0
"2013-12-01	04:00:00"	4.888	223.4	14.63	7.561	3.511	221.9	19.33	5.771	48.81	50.67	-1.865	71.58	67.97	26.375	0
"2013-12-01	05:00:00"	3.978	271.7	21.85	6.368	2.521	290.2	29.65	5.175	48.43	48.62	-0.191	73.77	72.39	26.368	0
"2013-12-01	06:00:00"	4.647	265	12.15	6.368	2.886	280.1	20.92	4.578	48.83	47.95	0.887	74.94	76.1	26.359	0
"2013-12-01	07:00:00"	5.103	314	27.98	8.16	2.922	314.6	40.88	5.175	48.12	48.75	-0.628	75.1	74.46	26.361	0
"2013-12-01	08:00:00"	6.039	342.6	7.697	9.35	3.472	343.9	14.11	6.368	49.42	49.58	-0.154	70.99	71.41	26.373	1.7066
"2013-12-01	09:00:00"	6.98	331.6	9.82	11.74	4.14	331	13.47	9.35	52.41	53.39	-0.982	62.9	64.31	26.392	28.614
"2013-12-01	10:00:00"	9.29	336.8	6.197	12.33	6.859	337.8	9.25	10.54	55.74	58.51	-2.772	56.82	53.42	26.405	70.083
"2013-12-01	11:00:00"	6.966	329.4	8.13	9.95	4.916	329.4	9.9	7.561	57.08	60.92	-3.839	48.63	44.71	26.415	64.061
"2013-12-01	12:00:00"	6.625	325.6	13.9	10.54	4.725	326.3	15.42	8.75	57.78	61.65	-3.865	44.94	39.96	26.404	63.935
"2013-12-01	13:00:00"	3.737	278.9	33.28	6.964	2.651	269.1	34.39	5.771	56.55	58.59	-2.036	52.81	49.69	26.378	85.407
"2013-12-01	14:00:00"	3.598	241.4	23.74	5.771	2.956	238.1	24.66	5.175	56.37	58.01	-1.642	56.39	53.51	26.35	95.884
"2013-12-01	15:00:00"	2.84	244.9	23.61	4.578	2.249	243.5	25.81	3.982	56.48	58.35	-1.872	57.56	54.3	26.323	85.639
"2013-12-01	16:00:00"	5.023	209.6	14.48	8.75	4.296	208.5	17.68	6.964	57.78	59.69	-1.915	54.61	51.51	26.318	127.7
"2013-12-01	17:00:00"	4.846	212.1	14	9.35	3.956	211.5	16.1	8.16	57.76	59.65	-1.884	53.44	49.82	26.317	70.393
"2013-12-01	18:00:00"	5.724	215.5	12.69	9.35	4.463	213.2	14.66	7.561	57	57.19	-0.192	55.6	54.7	26.311	16.134
"2013-12-01	19:00:00"	6.245	238.2	16.11	8.75	4.493	239.6	22.18	7.561	55.52	54.89	0.636	56.26	56.93	26.313	0.00987
"2013-12-01	20:00:00"	6.369	245.4	14.94	8.75	4.431	246	20.13	7.561	53.83	54.5	-0.661	58.88	58.1	26.303	0
"2013-12-01	21:00:00"	6.217	276.8	22.02	9.95	3.424	280.7	30.46	6.368	52.22	52.96	-0.74	58.47	58.34	26.299	0
"2013-12-01	22:00:00"	7.657	301.8	9.84	10.54	3.454	304.5	16.7	7.561	49.65	50.78	-1.123	61.13	59.55	26.297	0
"2013-12-01	23:00:00"	10.89	306.5	6.549	14.12	5.815	311.5	9.19	10.54	49.11	51.25	-2.14	63.52	59.79	26.294	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2013-12-02	00:00:00"	11.63	318.6	9.2	15.91	7.189	322.6	11.11	10.54	48.58	49.07	-0.492	62.17	61.02	26.276		0	0
"2013-12-02	01:00:00"	11.11	316.3	5.994	14.72	6.972	320.7	8.22	11.14	48.96	48.55	0.417	60.61	60.64	26.261		0	0
"2013-12-02	02:00:00"	11.54	314.4	6.209	14.72	7.023	319.3	8.32	10.54	48.17	49.42	-1.255	60.48	57.82	26.237		0	0
"2013-12-02	03:00:00"	10.92	303.2	11.95	15.31	5.884	307.5	15.06	10.54	45.11	47.34	-2.225	65.94	61	26.218		0	0
"2013-12-02	04:00:00"	7.851	283.1	8.84	11.14	3.941	294	16.45	6.964	42.9	42.94	-0.04	69.04	67.09	26.202		0	0
"2013-12-02	05:00:00"	9.64	279.2	8.82	14.12	5.214	288.9	13.67	11.74	42.91	42.15	0.758	68.43	70.09	26.18		0	0
"2013-12-02	06:00:00"	8.66	259.1	8.98	13.52	6.014	259.2	12.35	10.54	44.32	43.92	0.4	59.96	60.82	26.166		0	0
"2013-12-02	07:00:00"	10.99	287.1	15.45	15.91	5.875	290.8	18.86	10.54	44.08	43.65	0.427	53.85	55.53	26.165		0	0
"2013-12-02	08:00:00"	9.74	285.4	20.5	13.52	5.368	290.2	23.6	11.74	45.35	44.4	0.941	45.4	49.11	26.171	12.43		0
"2013-12-02	09:00:00"	7.086	254.7	19.87	13.52	4.671	253.5	23.51	9.35	48.7	48.33	0.371	38.35	40.77	26.169	122.5		0
"2013-12-02	10:00:00"	17.1	290	9.25	26.65	10.59	294	11.37	21.28	56.9	59.85	-2.951	27.58	25.44	26.165	291.73		0
"2013-12-02	11:00:00"	21.79	303.9	9.38	30.82	12.97	307.3	11.36	23.07	62.46	66.82	-4.368	21.64	17.83	26.165	462.81		0
"2013-12-02	12:00:00"	22.08	303.4	8.96	30.82	12.93	307.2	11.01	24.86	65.88	70.95	-5.065	20.54	16.45	26.156	571.36		0
"2013-12-02	13:00:00"	22.84	311.4	8.65	33.21	14.78	315	10.71	28.43	69.6	74.68	-5.077	18.38	14.4	26.129	625.18		0
"2013-12-02	14:00:00"	21.74	311.5	9.94	31.42	14.11	314.4	11.58	25.45	72.05	77.41	-5.361	17.47	13.45	26.096	595.4		0
"2013-12-02	15:00:00"	19.04	303.2	14.1	30.22	12.12	306.3	15.32	21.87	73.25	77.58	-4.331	17.01	13.54	26.073	524.28		0
"2013-12-02	16:00:00"	18.3	288.1	9.73	27.24	11.6	292.9	11.74	21.87	73.5	78.27	-4.767	17.05	13.39	26.063	383.4		0
"2013-12-02	17:00:00"	15.06	282.6	9.59	24.86	10.13	287.1	11.15	20.68	73.13	76.25	-3.121	17.44	14.59	26.06	205.75		0
"2013-12-02	18:00:00"	10.36	261.7	7.885	17.7	8.06	269.1	9.04	15.31	70.36	72.03	-1.672	19.73	17.4	26.053	35.118		0
"2013-12-02	19:00:00"	9.21	260.7	8.39	14.12	6.47	265	10.29	11.14	65.52	65.57	-0.045	22.81	21.49	26.051	0.02319		0
"2013-12-02	20:00:00"	10.77	277.7	16.1	17.1	6.942	285.8	20.39	15.31	62.53	63.66	-1.132	24.79	22.9	26.056	0		0
"2013-12-02	21:00:00"	9.84	291.8	9.96	15.31	4.656	299.6	14.1	8.75	57.96	59.29	-1.331	27.84	26.32	26.063	0		0
"2013-12-02	22:00:00"	10.26	286.2	6.723	13.52	5.014	293.4	9.32	9.95	55.52	56.94	-1.428	30.13	28.47	26.061	0		0
"2013-12-02	23:00:00"	12.9	285.9	5.898	18.89	6.909	294.3	8.74	13.52	54.35	54.72	-0.371	31.2	30.09	26.053	0		0
"2013-12-03	00:00:00"	11.6	290.5	4.739	14.72	5.609	296.3	7.828	9.95	53	54.05	-1.051	32.38	31.15	26.048	0		0
"2013-12-03	01:00:00"	10.81	296.3	4.39	13.52	4.602	303.4	8.02	6.964	51.58	53.31	-1.733	33.78	32.05	26.029	0		0
"2013-12-03	02:00:00"	12.81	291.1	7.224	16.51	6.794	296.3	9.98	12.93	51.37	54.32	-2.95	33.49	30.61	26.015	0		0
"2013-12-03	03:00:00"	9.77	269.8	11.13	15.31	6.383	274.5	13.5	12.33	50.94	52.42	-1.483	33.68	31.7	26.007	0		0
"2013-12-03	04:00:00"	6.768	265.2	11.09	11.74	4.255	266.3	17.47	8.75	50.61	50.69	-0.074	33.31	33.61	26.004	0		0
"2013-12-03	05:00:00"	8.32	277.7	15.61	13.52	5.034	283.1	22.52	11.14	50.12	50.47	-0.35	34.16	33.92	26	0		0
"2013-12-03	06:00:00"	9.15	301.8	11.12	11.74	4.043	308.8	15.67	7.561	49.26	48.73	0.53	34.89	37.15	25.987	0		0
"2013-12-03	07:00:00"	9.75	300.4	6.419	14.12	4.203	306.5	9.48	7.561	50.01	50.99	-0.977	33.57	33.83	25.99	0		0
"2013-12-03	08:00:00"	12.72	291.8	7.177	17.1	6.607	297.7	9.34	11.74	54.43	56.59	-2.166	27.79	26	26.005	7.6747		0
"2013-12-03	09:00:00"	8.79	267.4	42.05	13.52	4.967	269.9	46.26	8.16	55.61	56.47	-0.864	27.1	26.06	26.019	65.471		0
"2013-12-03	10:00:00"	8.15	234.2	13.39	14.72	6.556	235.6	15.72	12.93	59.47	59.87	-0.397	24.49	23.57	26.032	261.97		0
"2013-12-03	11:00:00"	13.81	245.8	16.37	29.03	10.87	250	20	22.47	66.87	68.7	-1.831	18.65	16.52	26.042	480.67		0
"2013-12-03	12:00:00"	22.23	264.9	9.61	35.59	17.71	271.7	10.43	30.82	71.93	72.81	-0.883	12.68	10.9	26.021	459.77		0
"2013-12-03	13:00:00"	20.6	268.3	10.58	34.4	16.08	274.6	11.41	28.43	70.87	72.6	-1.732	13.13	10.99	25.991	375.18		0
"2013-12-03	14:00:00"	18.85	254.4	10.31	28.43	14.81	260.1	14.26	24.26	73.39	74.23	-0.847	12.98	11.26	25.964	472.18		0
"2013-12-03	15:00:00"	17.56	245.2	13.97	25.45	14.39	249.8	17.25	26.05	74.03	74.85	-0.821	12.4	10.67	25.95	455.87		0
"2013-12-03	16:00:00"	16.84	248.1	10.99	27.24	13.65	253.3	14	25.45	73.95	75.19	-1.248	12.23	10.41	25.944	284.44		0
"2013-12-03	17:00:00"	11.45	231	19.82	18.89	9.45	233.9	21.27	17.1	72.95	73.9	-0.947	12.85	11.11	25.941	133.99		0
"2013-12-03	18:00:00"	10.69	224	14.12	18.89	8.73	222.8	15.56	17.7	68.5	69.95	-1.448	17	14.79	25.943	16.922		0
"2013-12-03	19:00:00"	13.22	223	12.8	20.68	10.93	222.5	13.37	18.3	64.45	64.83	-0.376	20.16	18.51	25.947	0.0091		0
"2013-12-03	20:00:00"	11.94	225.2	12.25	20.68	10.15	223	13.3	18.3	62.62	63.26	-0.636	21.05	19.3	25.956	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-03	21:00:00"	11.73	232.2	11.97	19.49	9.19	233.6	14.09	18.3	61.49	60.25	1.234	22.55	22.01	25.971	0	0
"2013-12-03	22:00:00"	7.674	241.1	10.34	11.74	5.508	245.5	13.86	9.35	58.94	58.36	0.575	26.08	25.43	25.981	0	0
"2013-12-03	23:00:00"	8.92	224.6	12.95	14.12	7.15	223.9	14.45	11.14	58.36	58.11	0.245	28.68	27.68	25.976	0	0
"2013-12-04	00:00:00"	8.06	229.5	12.94	13.52	6.1	228.7	14.45	9.95	57.32	56.18	1.142	31.78	31.47	25.971	0	0
"2013-12-04	01:00:00"	6.597	239.5	14.19	10.54	4.326	246.6	20.75	9.35	56.09	53.76	2.332	35.3	36.35	25.972	0	0
"2013-12-04	02:00:00"	6.67	256.9	11.34	9.95	4.2	266	15.25	8.16	56.36	53.52	2.836	34.88	36.82	25.976	0	0
"2013-12-04	03:00:00"	6.611	259.3	16.39	11.74	4.188	265.7	22.09	9.95	54.82	53.18	1.638	36.54	37.64	25.977	0	0
"2013-12-04	04:00:00"	5.719	201.8	22.24	9.95	3.818	189.3	23.78	6.964	52.35	50.93	1.425	40.88	42.3	25.98	0	0
"2013-12-04	05:00:00"	4.586	205.1	27.64	6.368	2.406	197.5	38.63	5.175	52.2	49.68	2.516	43.11	45.77	25.979	0	0
"2013-12-04	06:00:00"	4.095	213.6	27.46	6.368	2.384	211.8	72.33	3.982	52.77	50.43	2.345	47.98	49.16	25.971	0	0
"2013-12-04	07:00:00"	7.116	211.7	19.88	10.54	4.714	205.1	24.8	7.561	51.72	50.43	1.286	55.23	54.87	25.974	0	0
"2013-12-04	08:00:00"	9.28	248.5	13.5	14.72	6.703	255.2	17.01	12.33	54.58	52.56	2.029	54.9	56.86	25.993	4.3086	0
"2013-12-04	09:00:00"	10.5	241.6	15.5	17.1	8.09	244.5	18.13	13.52	56.21	55.38	0.831	54.94	55.49	26.011	136.64	0
"2013-12-04	10:00:00"	15.2	242.1	9.33	23.07	12.43	246.5	12	20.68	63.9	62.86	1.039	45.97	46.19	26.022	334.15	0
"2013-12-04	11:00:00"	13.38	231	23.27	22.47	9.65	234.5	58.64	22.47	68.31	68.92	-0.609	39.8	38.17	26.037	462.51	0.12
"2013-12-04	12:00:00"	11.56	225.9	41.4	23.07	10.68	253.5	18.78	20.68	70.09	72.75	-2.667	37.36	33.73	26.032	556.44	0
"2013-12-04	13:00:00"	17.59	244.4	13.64	31.42	14.15	250.8	16.05	26.05	72.41	74.09	-1.684	34.52	31.86	26.004	450.99	0
"2013-12-04	14:00:00"	21.08	237.2	15.31	35	17.2	242.3	18.56	28.43	73.97	75.43	-1.461	31.58	29.27	25.978	524.23	0
"2013-12-04	15:00:00"	20.83	237.4	15.54	35	16.85	243.4	18.14	29.03	74.32	75.6	-1.279	29.46	27.32	25.981	447.32	0
"2013-12-04	16:00:00"	23.44	242.5	10.75	37.98	19.09	248.4	12.99	30.82	74.07	75.01	-0.941	28.24	26.44	25.972	245.75	0
"2013-12-04	17:00:00"	16.61	238	13.47	27.84	13.64	243	15.9	26.65	73.83	74.54	-0.712	27.86	26.12	25.981	142.92	0
"2013-12-04	18:00:00"	16.55	237.9	9.93	27.24	14.02	245.2	11.6	23.66	73.53	73.6	-0.064	27	25.88	25.989	35.4	0
"2013-12-04	19:00:00"	13.99	228.2	12.8	24.86	11.45	230.5	15.57	20.68	71.13	71.58	-0.454	27.45	25.94	26.012	0.00699	0
"2013-12-04	20:00:00"	9.14	252.9	11.91	15.31	6.854	261.1	14.03	12.33	67.86	66.63	1.223	29.43	28.95	26.033	0	0
"2013-12-04	21:00:00"	8.32	238.5	18.59	16.51	6.363	241.4	22.73	12.33	65.15	65.25	-0.101	33.31	32.1	26.047	0	0
"2013-12-04	22:00:00"	6.611	210.4	25.52	10.54	4.798	209.5	29.33	8.75	61.87	62.33	-0.467	37.31	35.98	26.064	0	0
"2013-12-04	23:00:00"	7.883	221.9	30.33	13.52	5.975	224.6	34.2	11.14	61.29	61.78	-0.484	37.68	36.47	26.069	0	0
"2013-12-05	00:00:00"	5.96	214	19.51	12.33	4.475	215.7	30.22	9.35	60.97	62.77	-1.804	37.24	34.74	26.089	0	0
"2013-12-05	01:00:00"	13.17	53.51	65.89	29.63	10.18	61.71	56.84	25.45	54.84	55.94	-1.095	42.28	40.07	26.126	0	0
"2013-12-05	02:00:00"	20.16	56.61	9.23	29.63	15.23	60.52	11.28	23.66	43.98	46.13	-2.152	52.64	47.53	26.157	0	0
"2013-12-05	03:00:00"	22.44	52.68	10.05	32.61	17.13	57.63	11.71	27.84	39.09	41	-1.91	54.01	48.99	26.17	0	0
"2013-12-05	04:00:00"	22.26	51.57	9.25	30.82	17.21	56.52	10.86	26.05	33.79	35.36	-1.571	53.54	48.82	26.194	0	0
"2013-12-05	05:00:00"	21.25	46.4	9.98	30.22	16.44	51.54	11.85	27.84	31.84	33.44	-1.592	51.18	46.65	26.205	0	0
"2013-12-05	06:00:00"	20.94	52.37	10.3	30.22	16.04	57.06	11.59	24.86	29.67	31.17	-1.496	49.28	45.84	26.221	0.01305	0
"2013-12-05	07:00:00"	20.31	50.83	10.26	30.22	15.57	55.72	11.64	24.86	27.98	29.52	-1.532	50.79	48.91	26.209	0.0502	0
"2013-12-05	08:00:00"	18.43	43.73	10.49	28.43	14.49	48.67	12.42	23.07	27.3	28.61	-1.307	53.47	52.82	26.238	0.56952	0
"2013-12-05	09:00:00"	13.12	28.86	10.27	21.28	10.7	32.69	14.02	18.3	25.97	28.31	-2.34	58.75	58.32	26.312	9.6551	0.02
"2013-12-05	10:00:00"	14.04	41.61	8.21	18.89	11.2	46.63	10.53	17.1	25.42	27.64	-2.223	61.84	60.76	26.327	24.314	0.02
"2013-12-05	11:00:00"	13.68	44.57	10.6	19.49	10.93	49.88	12.68	16.51	26.94	28.53	-1.581	63.91	63.53	26.328	96.002	0.02
"2013-12-05	12:00:00"	11.65	50.43	13.88	17.7	9.49	54.73	15.54	16.51	26.87	29.27	-2.4	66.25	65.09	26.318	249	0
"2013-12-05	13:00:00"	8.16	59.89	11.97	12.33	6.734	64.63	13.42	11.14	25.96	28.6	-2.647	68.38	65.76	26.315	110.13	0.01
"2013-12-05	14:00:00"	7.483	56.11	17.23	12.33	6.232	60.78	18.01	10.54	26.03	28.22	-2.184	69.9	68.2	26.287	88.413	0
"2013-12-05	15:00:00"	8.86	40.97	12.68	12.33	7.346	45.82	14.32	11.14	25.87	28.85	-2.976	71.56	69.29	26.259	86.932	0
"2013-12-05	16:00:00"	9.96	45.24	12.58	14.72	8.1	50.18	14.51	12.93	25.45	29.89	-4.448	73.43	68.14	26.241	71.846	0
"2013-12-05	17:00:00"	9.81	65.07	12.65	13.52	7.842	68.54	14.19	11.74	25.4	28.92	-3.516	73.61	68.16	26.24	30.113	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-05	18:00:00"	9.42	65.14	10.75	14.72	7.508	69.35	12.67	12.93	25.82	28.35	-2.534	73.52	68.78	26.249	4.3713	0	
"2013-12-05	19:00:00"	10.02	64.19	11.75	14.12	7.874	68.1	13.23	11.74	25.8	28.1	-2.296	73.24	69.12	26.253	0.17502	0	
"2013-12-05	20:00:00"	9.6	47.84	11.79	14.72	7.735	52.42	13.34	12.33	26.3	28.9	-2.602	73.66	69.58	26.273	0.10983	0	
"2013-12-05	21:00:00"	9.71	63.53	10.11	14.12	7.598	67.83	11.8	12.33	25.42	27.88	-2.455	73.7	68.48	26.288	0.11694	0	
"2013-12-05	22:00:00"	10.08	53.71	12.7	14.12	8.11	59	13.87	12.33	24.78	26.99	-2.211	73.62	69.22	26.292	0.14843	0	
"2013-12-05	23:00:00"	9.68	38.35	8.94	13.52	7.917	42.54	11.57	12.93	24.28	26.54	-2.253	73.89	69.43	26.305	0.04493	0	
"2013-12-06	00:00:00"	8.38	59.64	12.89	12.33	6.746	64.85	14.25	9.95	23.83	27.06	-3.234	73.95	68.74	26.325	0.04512	0	
"2013-12-06	01:00:00"	10.13	44.32	11.05	13.52	8.2	48.87	12.88	12.33	23.48	25.57	-2.088	73.72	68.62	26.31	0.05521	0	
"2013-12-06	02:00:00"	8.82	62.41	10.46	12.93	7.018	66.53	12.2	10.54	23.22	25.16	-1.936	73.42	68.99	26.306	0.05069	0	
"2013-12-06	03:00:00"	8.15	46.9	10.48	11.74	6.682	51.74	12.66	11.14	23.21	25.14	-1.93	73.04	69.16	26.312	0.05809	0	
"2013-12-06	04:00:00"	7.267	43.9	10.82	10.54	6.107	48.38	13.04	9.35	23.02	25.64	-2.616	72.69	69.22	26.321	0.08314	0	
"2013-12-06	05:00:00"	7.588	35.93	14.97	10.54	6.236	40.23	17.65	9.35	23.18	25.81	-2.637	71.96	67.15	26.334	0.08449	0	
"2013-12-06	06:00:00"	8.09	45.32	13.82	11.74	6.627	50.01	15.71	9.95	23.39	25.6	-2.206	71.6	67.67	26.342	0.08919	0	
"2013-12-06	07:00:00"	8.02	45.6	11.35	12.33	6.506	49.72	13.45	11.74	23.52	25.61	-2.09	71.91	68.34	26.367	0.10561	0	
"2013-12-06	08:00:00"	9.22	53.29	10.57	13.52	7.231	58.26	12.55	11.14	23.53	25.63	-2.097	72.17	67.85	26.387	1.1079	0	
"2013-12-06	09:00:00"	9.4	51.75	10.04	12.93	7.514	57.07	11.53	11.14	22.37	25.17	-2.806	72.94	68.61	26.419	16.271	0	
"2013-12-06	10:00:00"	9.4	48.96	11.5	12.33	7.729	53.6	13.51	10.54	21.36	24.65	-3.29	74.61	69.55	26.442	56.249	0	
"2013-12-06	11:00:00"	8.27	58.45	12.47	12.93	6.816	62.44	13.63	10.54	21.6	26.33	-4.725	75.67	69.16	26.465	95.87	0	
"2013-12-06	12:00:00"	8.14	55.18	13.32	11.74	6.74	59.66	15.05	10.54	22.02	25.71	-3.699	75.54	68.71	26.477	138.61	0	
"2013-12-06	13:00:00"	7.965	48.67	13.69	11.14	6.638	52.53	15.45	10.54	22.73	26.22	-3.493	74.88	68.82	26.471	148.39	0	
"2013-12-06	14:00:00"	9.16	61.67	12.75	12.93	7.375	66.14	14.26	11.74	23.5	27.19	-3.684	73.09	67.03	26.454	149.94	0	
"2013-12-06	15:00:00"	8.44	73.34	12.83	11.74	7.017	76.55	13.82	10.54	24.21	27.44	-3.228	71	65.66	26.444	161.16	0	
"2013-12-06	16:00:00"	7.945	65.82	14.58	11.74	6.475	69.32	15.51	9.95	25.24	28.41	-3.175	68.44	63.86	26.442	136.24	0.01	
"2013-12-06	17:00:00"	8.3	67.2	12.09	11.74	6.707	70.73	13.3	9.95	25.67	28.55	-2.879	66.6	62.61	26.45	57.018	0	
"2013-12-06	18:00:00"	8.3	76.34	10.92	11.14	6.528	80.1	12.64	9.35	25.69	29.67	-3.983	65.98	61.07	26.471	9.2238	0	
"2013-12-06	19:00:00"	7.395	80.5	9.53	9.95	5.872	83.8	11.26	8.75	25.61	28.31	-2.704	66.59	61.96	26.488	0.16538	0	
"2013-12-06	20:00:00"	7.402	74.36	8.71	9.95	5.848	78.02	10.55	8.75	25.36	27.81	-2.448	68.54	64.72	26.499	0.09869	0	
"2013-12-06	21:00:00"	8	86.6	13.04	11.14	6.441	88.9	14.29	9.95	24.97	27.68	-2.717	69.81	65.46	26.51	0.13719	0	
"2013-12-06	22:00:00"	9.2	82.3	9.61	12.93	7.28	85.3	11.43	10.54	24.38	28.3	-3.915	69.77	64.03	26.513	0.12865	0	
"2013-12-06	23:00:00"	10.26	96.8	8.37	14.72	8.23	100.4	10.34	11.74	23.55	26.96	-3.41	70.73	63.42	26.533	0.12433	0	
"2013-12-07	00:00:00"	9.84	96.8	8.2	14.12	7.912	100	10.02	11.74	23.56	25.22	-1.655	68.89	64.31	26.543	0.10647	0	
"2013-12-07	01:00:00"	11.53	93.4	7.616	16.51	9.2	96.6	9.12	12.93	21.82	23.48	-1.665	69.85	65.18	26.543	0.02727	0	
"2013-12-07	02:00:00"	12.15	93.6	8.18	15.91	9.8	97.6	10.02	14.12	21.13	22.95	-1.816	67.02	63.39	26.546	0.01258	0	
"2013-12-07	03:00:00"	11.52	101	7.927	17.1	9.34	104.6	9.9	14.12	20.23	21.03	-0.805	64.89	62.04	26.561	0.00173	0	
"2013-12-07	04:00:00"	10.2	82	12.18	15.31	8.08	84.5	13.83	13.52	19.82	21.42	-1.595	65.07	63.56	26.559	0.00394	0	
"2013-12-07	05:00:00"	12.2	87.4	9.32	17.1	9.82	90.3	11.43	14.72	19	20.5	-1.501	65.16	61.65	26.557	0.00528	0	
"2013-12-07	06:00:00"	14.02	74.63	7.796	20.09	10.96	77.38	9.89	17.1	17.82	19.83	-2.007	67.05	63.87	26.538	0.00845	0	
"2013-12-07	07:00:00"	13.18	70.83	10.64	18.89	10.34	74.01	12.09	16.51	16.71	18.56	-1.844	67.02	62.16	26.538	0.00211	0	
"2013-12-07	08:00:00"	12.05	60.28	10.22	17.1	9.37	64.27	12.15	14.72	17.04	18.28	-1.242	61.65	57.93	26.541	0.97959	0	
"2013-12-07	09:00:00"	11.09	64.62	9.51	15.91	8.81	68.59	11.23	13.52	17.39	19.75	-2.355	57.1	53.05	26.556	15.653	0	
"2013-12-07	10:00:00"	12.03	79.47	10.93	16.51	9.55	83	12.46	14.12	15.79	18.89	-3.102	56.25	51.42	26.56	49.692	0	
"2013-12-07	11:00:00"	11.58	87.8	10.79	17.1	9.47	91.2	12.66	14.12	16.18	18.54	-2.359	56.35	52.87	26.557	103.39	0	
"2013-12-07	12:00:00"	11.66	91	9.24	16.51	9.53	94.4	11.43	13.52	17.49	19.81	-2.322	55.09	51.97	26.531	144.66	0	
"2013-12-07	13:00:00"	11.34	102.5	9.77	16.51	9.47	106.7	11.66	14.12	18.94	20.76	-1.822	53.96	51.26	26.487	169.61	0	
"2013-12-07	14:00:00"	10.78	106.3	10.36	16.51	8.84	110.1	12.63	13.52	19.42	21.73	-2.313	52.96	50.35	26.433	148.65	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2013-12-07	15:00:00"	9.41	117	12.94	14.12	7.908	120.6	14.96	12.33	20.31	22.47	-2.159	55.47	52.4	26.4	140.38	0
"2013-12-07	16:00:00"	8.93	123.9	10.87	14.12	7.504	127.9	12.64	12.33	19.75	22.1	-2.348	60.35	56.87	26.38	91.269	0
"2013-12-07	17:00:00"	10.4	126.8	9.16	13.52	8.48	130.1	10.42	12.33	18.7	21.04	-2.342	67.58	63.72	26.355	46.335	0
"2013-12-07	18:00:00"	7.941	133.4	10.87	10.54	6.641	136.5	11.73	9.95	18.79	20.14	-1.347	70.97	67.97	26.361	7.5113	0
"2013-12-07	19:00:00"	9.29	130.6	7.719	12.33	7.528	133.8	8.71	11.14	19.15	20.46	-1.309	71.94	69.58	26.349	0.08354	0
"2013-12-07	20:00:00"	9.81	136	9.24	13.52	8.01	138.7	10.46	11.74	18.89	21.02	-2.124	72.75	69.08	26.346	0.00086	0
"2013-12-07	21:00:00"	8.83	145.5	11.93	12.93	7.308	146.8	12.62	11.74	18.35	21.21	-2.862	73.76	69	26.336	0.01508	0
"2013-12-07	22:00:00"	9.35	156.9	11.39	13.52	7.792	157.6	12.13	11.74	19.15	20.42	-1.272	74.96	70.89	26.319	0.01364	0
"2013-12-07	23:00:00"	8.18	166.7	10.29	11.74	6.865	168.1	12.29	10.54	20.21	21.24	-1.035	75.63	72.7	26.304	0.00442	0
"2013-12-08	00:00:00"	7.703	160.7	11.35	12.33	6.599	162.2	12.65	9.95	20.91	21.32	-0.406	76.03	73.94	26.285	0.00182	0
"2013-12-08	01:00:00"	8.71	166.4	10.34	12.93	7.494	167.4	12.65	11.14	21.94	24.06	-2.126	76.79	74.85	26.263	0.00365	0
"2013-12-08	02:00:00"	9.01	172.2	7.99	14.12	7.98	172.5	10.36	13.52	22.65	24.66	-2.017	77.37	73.75	26.237	0.01239	0
"2013-12-08	03:00:00"	6.406	162	13.21	10.54	5.78	163.7	14.67	9.95	22.07	22.98	-0.913	77.29	74.27	26.223	0.0217	0
"2013-12-08	04:00:00"	5.006	157.9	14.38	7.561	4.653	158.7	15.91	8.16	21.54	22.74	-1.194	77.92	75.38	26.217	0.04292	0
"2013-12-08	05:00:00"	4.98	171	9.95	7.561	4.61	172	11.3	6.964	22.47	23.8	-1.322	78.46	76.21	26.202	0.07335	0
"2013-12-08	06:00:00"	3.357	187.6	13.08	5.175	3.225	188.3	16.61	5.175	22.67	23.4	-0.728	78.77	77.4	26.187	0.07777	0
"2013-12-08	07:00:00"	2.638	230	21.46	4.578	2.802	234.5	26.22	5.175	24.43	23.33	1.099	79.44	78.74	26.191	0.04244	0
"2013-12-08	08:00:00"	3.402	222.5	19.78	6.368	3.663	224.8	23.34	6.964	25.02	24.13	0.897	79.15	79.42	26.191	1.4773	0
"2013-12-08	09:00:00"	3.264	234.1	16.77	5.771	3.633	240.5	20.21	6.964	26.45	26.06	0.387	79.19	79.22	26.203	34.292	0
"2013-12-08	10:00:00"	3.827	218.9	16.37	6.368	4.08	222.1	20.18	6.368	26.58	26.03	0.542	78.64	79.38	26.201	114.81	0
"2013-12-08	11:00:00"	4.725	210.7	13.67	7.561	5.088	212	16.57	8.75	27.16	28.31	-1.143	79.32	80	26.209	247.19	0
"2013-12-08	12:00:00"	3.956	239.3	15.78	6.964	4.85	245.4	18.03	8.75	31.31	32.17	-0.863	80.7	79.65	26.218	408.66	0
"2013-12-08	13:00:00"	6.847	238.1	14.2	15.31	7.094	243.3	16.84	13.52	37.35	39.45	-2.103	77.89	70.64	26.206	592.16	0
"2013-12-08	14:00:00"	12.41	239.7	15.41	22.47	10.46	245.6	19.39	20.09	45.92	47.28	-1.36	55.43	50.03	26.187	577.42	0
"2013-12-08	15:00:00"	13.59	240.9	12.68	21.87	11.33	245.8	15.77	18.89	49.92	50.88	-0.963	43.08	41.33	26.174	509.06	0
"2013-12-08	16:00:00"	11.25	214.9	19.21	22.47	9.29	216.8	22.07	17.7	53.15	54.26	-1.11	39.61	37.61	26.167	376.51	0
"2013-12-08	17:00:00"	10.28	198.8	15.13	16.51	8.1	202.3	15.96	14.12	54.11	55.41	-1.299	38.57	36.28	26.168	209.32	0
"2013-12-08	18:00:00"	10.34	230.6	36.69	18.3	7.773	236.4	39.14	15.31	54.02	53.26	0.76	34.29	34.15	26.178	39.849	0
"2013-12-08	19:00:00"	9.23	231.7	11.52	15.31	7.102	234.5	14.68	12.93	52.85	50.9	1.951	36.1	37.72	26.193	0.07784	0
"2013-12-08	20:00:00"	6.768	223.4	11.14	11.14	4.809	225.5	13.76	8.16	50.29	47.16	3.13	36.46	39.37	26.199	0	0
"2013-12-08	21:00:00"	5.487	253.1	13.36	8.16	3.422	273.2	13.94	5.771	47.88	43.86	4.019	39.16	44.41	26.204	0	0
"2013-12-08	22:00:00"	6.78	233.4	27.93	11.74	4.208	243.1	34.21	8.75	47.55	43.14	4.401	36.34	41.89	26.209	0	0
"2013-12-08	23:00:00"	5.23	193.7	28.55	9.35	2.889	184.9	41	6.964	44.93	40.44	4.487	38.69	45.06	26.215	0	0
"2013-12-09	00:00:00"	5.425	142.8	15.15	9.95	2.747	124.8	31.7	6.368	43.3	38.41	4.891	46.97	52.05	26.215	0	0
"2013-12-09	01:00:00"	6.976	63.58	58.57	12.33	4.196	33.35	25.13	8.75	38.45	34.03	4.422	58.22	64.63	26.208	0.00298	0
"2013-12-09	02:00:00"	8.67	49.59	62.26	13.52	6.202	51.37	66.06	10.54	33.56	33.77	-0.213	68.17	68.1	26.215	0.00278	0
"2013-12-09	03:00:00"	8.04	50.61	12.23	10.54	5.634	48.6	15.02	8.75	33.14	32.68	0.464	73.28	73.11	26.24	0.00173	0
"2013-12-09	04:00:00"	8.89	72.44	10.14	10.54	5.465	63.18	9.72	7.561	32.8	32.55	0.25	76.11	74.29	26.234	0.00451	0
"2013-12-09	05:00:00"	8.73	44.34	15.25	11.74	6.409	42.64	14.29	8.75	32.61	33.06	-0.454	77.49	75.89	26.229	0.01094	0
"2013-12-09	06:00:00"	10.5	42.59	9.14	16.51	8.11	45.91	11.15	13.52	32.48	34.14	-1.661	78.73	75.99	26.236	0.00806	0
"2013-12-09	07:00:00"	14.44	60.12	8.03	20.09	10.7	63.89	10.47	15.91	31.15	33.35	-2.207	78.79	74.13	26.249	0.00576	0
"2013-12-09	08:00:00"	15.35	51.54	9.29	22.47	11.69	56.44	11.12	20.09	27.83	29.89	-2.056	77.91	72.11	26.263	4.1291	0
"2013-12-09	09:00:00"	15.23	52.96	10.49	21.28	11.9	57.7	11.84	18.89	26.69	28.43	-1.74	78.15	73.73	26.279	51.488	0
"2013-12-09	10:00:00"	14.68	58.25	9.44	20.09	11.31	62.28	11.63	17.1	26.68	28.62	-1.944	79.48	76.37	26.312	96.609	0
"2013-12-09	11:00:00"	14.05	57.22	10.34	19.49	11.04	61.51	12.41	16.51	27.28	29.62	-2.343	80.8	77.65	26.338	151.82	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-09	12:00:00"	12.58	56.08	10.73	19.49	10.1	61.06	12.51	16.51	27.5	29.67	-2.17	81.5	77.82	26.358	152.11	0
"2013-12-09	13:00:00"	11.77	44.07	11.01	16.51	9.59	49.1	12.85	15.31	27.6	29.74	-2.136	81.8	77.82	26.362	119.58	0
"2013-12-09	14:00:00"	11.7	47.67	12.01	15.91	9.54	52.49	13.86	15.31	27.18	30.11	-2.927	81.9	76.64	26.344	119.98	0
"2013-12-09	15:00:00"	10.36	50.41	12.45	14.72	8.49	55.24	13.67	13.52	26.94	30.05	-3.108	81.9	75.62	26.339	102.52	0
"2013-12-09	16:00:00"	11.05	31.28	10.24	15.31	9.13	35.28	13.58	13.52	27.11	30.29	-3.182	81.8	74.65	26.363	60.428	0
"2013-12-09	17:00:00"	10.71	28.3	10.17	17.1	8.92	32.13	13.3	15.31	27.01	30.14	-3.129	81.6	73.63	26.385	48.446	0
"2013-12-09	18:00:00"	8.81	18.47	14.56	13.52	7.211	20.47	18.75	11.74	27.79	30.31	-2.521	81.3	73.39	26.411	12.542	0
"2013-12-09	19:00:00"	6.001	19.64	12.42	10.54	4.587	21.01	16.14	9.95	28.3	29.43	-1.134	79.98	71.82	26.438	0.10001	0
"2013-12-09	20:00:00"	1.81	51.38	66.57	5.175	1.235	96.6	90.7	2.789	26.58	26.11	0.471	78.86	75.22	26.464	0.1224	0
"2013-12-09	21:00:00"	1.964	159.4	20.17	3.386	1.126	156.7	45.82	2.789	26.05	25.1	0.954	78.41	77.62	26.49	0.15985	0
"2013-12-09	22:00:00"	3.048	195.5	15.06	5.175	1.888	203.4	22.69	4.578	25.94	24.78	1.161	78.44	78.42	26.511	0.1444	0
"2013-12-09	23:00:00"	4.294	257.8	23.23	7.561	2.839	276.7	38.4	5.771	24.61	24.67	-0.061	79.03	77.72	26.533	0.15659	0
"2013-12-10	00:00:00"	6.69	260.4	11.48	9.95	4.653	272.3	17.39	8.75	26.06	24.36	1.697	79.4	78.75	26.545	0.09688	0
"2013-12-10	01:00:00"	5.769	249.5	20.37	9.95	4.001	255.5	27.48	8.16	26.14	25.12	1.026	78.92	77.85	26.552	0.07268	0
"2013-12-10	02:00:00"	5.041	248.8	26.18	8.16	3.324	257.8	35.83	6.368	25.24	23.35	1.886	77.84	77.47	26.558	0.08228	0
"2013-12-10	03:00:00"	4.517	260.6	30.67	8.75	2.531	265.8	40.23	5.175	23.16	21.83	1.331	77.52	77.63	26.553	0.02458	0
"2013-12-10	04:00:00"	7.039	299.1	10.35	10.54	3.063	306.1	17.92	5.175	21.48	21.61	-0.128	78.02	76.85	26.541	0.00038	0
"2013-12-10	05:00:00"	7.791	302.4	8.71	12.33	3.737	308.8	11.72	9.35	21.29	23.94	-2.654	78.21	74.95	26.534	0.00461	0
"2013-12-10	06:00:00"	9.65	310.6	20.6	15.31	6.084	313.9	24.69	11.74	23.59	25.42	-1.826	78.15	68.82	26.519	0.00989	0
"2013-12-10	07:00:00"	6.026	283	21.42	9.35	2.957	285.8	26.94	5.771	19.6	19.72	-0.119	74.75	66.9	26.541	0.00327	0
"2013-12-10	08:00:00"	8.69	305.1	19.01	12.93	3.96	310.7	27.22	8.16	19.53	19.53	0.007	70.09	64.63	26.556	4.6691	0
"2013-12-10	09:00:00"	5.379	243.8	24.89	9.35	4.005	248.1	28.55	7.561	21.78	20.98	0.796	64.83	65.91	26.564	88.753	0
"2013-12-10	10:00:00"	6.462	222.7	22.23	11.74	5.455	225	25.08	11.14	26.08	26.52	-0.435	68.61	71.31	26.576	242.34	0
"2013-12-10	11:00:00"	9.31	209.9	14.08	15.31	7.791	212.2	16.88	14.12	27.3	29.15	-1.847	72.09	71	26.589	260.82	0
"2013-12-10	12:00:00"	6.205	212.3	15.81	11.14	5.449	214.4	19.66	9.95	29.45	31.75	-2.296	77.5	74.98	26.577	406.76	0
"2013-12-10	13:00:00"	7.784	212.1	15.1	11.74	6.728	213.8	18.14	10.54	35.1	37.77	-2.673	75.11	66.5	26.543	602.12	0
"2013-12-10	14:00:00"	8.31	218.2	17.04	13.52	7.089	220.1	20.41	11.74	40.77	42.81	-2.048	57.35	50.09	26.498	530.59	0
"2013-12-10	15:00:00"	11.32	197.4	13.38	18.3	9.28	200.6	15.34	16.51	45.13	46.31	-1.181	37.63	34.6	26.465	482.97	0
"2013-12-10	16:00:00"	13.02	196	12.01	18.89	10.52	198.8	13.58	16.51	46.17	47.43	-1.257	27.84	25.72	26.446	375.16	0
"2013-12-10	17:00:00"	11.69	190.5	10.83	16.51	9.53	193.7	13.65	14.72	45.85	46.42	-0.565	29.86	28.41	26.432	208.13	0
"2013-12-10	18:00:00"	9.25	192.4	8.09	15.31	7.197	197.1	10.89	13.52	44.63	44.69	-0.061	35	34.32	26.421	37.817	0
"2013-12-10	19:00:00"	7.647	190.7	9.93	12.33	5.49	196.2	12.28	9.95	40.81	37.98	2.835	41.19	45.12	26.404	0.09629	0
"2013-12-10	20:00:00"	7.685	197.1	10.89	11.14	5.699	201.7	11.7	8.75	38.61	38.62	-0.009	41.91	41.72	26.406	0	0
"2013-12-10	21:00:00"	5.181	210	32.57	9.95	3.532	218.5	49.36	5.771	36.95	35.57	1.379	43.34	45.26	26.411	0.00537	0
"2013-12-10	22:00:00"	4.566	260.6	26.74	7.561	3.04	291.4	42	5.771	35.62	33.4	2.22	45.32	49.29	26.41	0.00432	0
"2013-12-10	23:00:00"	4.684	254.6	31.33	7.561	2.769	282.4	50.6	4.578	36.11	32.17	3.937	43.47	51.27	26.414	0.00768	0
"2013-12-11	00:00:00"	4.386	261	27.22	6.964	2.844	299.3	31.53	5.771	36.33	33.21	3.121	41.98	47.7	26.414	0.01315	0
"2013-12-11	01:00:00"	5.433	288.1	11.94	7.561	2.859	312.9	11.59	5.175	35.9	30.84	5.061	42.26	52.96	26.41	0.0144	0
"2013-12-11	02:00:00"	5.488	253.1	17.74	8.16	3.675	266.2	26.09	6.368	36.11	32.61	3.504	43.06	49.82	26.402	0.07553	0
"2013-12-11	03:00:00"	5.847	258.5	9.52	7.561	3.729	267.5	13.44	5.771	36.33	33.6	2.733	43.45	49.06	26.396	0.00144	0
"2013-12-11	04:00:00"	4.64	261.4	22.32	7.561	3.392	269.3	32.3	5.771	36.44	32.93	3.509	43.75	50.24	26.403	0.0001	0
"2013-12-11	05:00:00"	7.953	356.7	22.76	11.14	5.117	1.031	21.28	8.16	31.8	31.33	0.47	53.37	56.94	26.434	0.00048	0
"2013-12-11	06:00:00"	5.685	319.6	45.69	8.75	3.05	327	60.02	5.175	31.14	29.85	1.293	57.72	60.52	26.442	0.02678	0
"2013-12-11	07:00:00"	13.19	346.4	23.91	21.87	9.76	347.1	23.43	18.3	32.11	33.39	-1.281	56.56	56.08	26.472	0.07179	0
"2013-12-11	08:00:00"	17.6	19.83	6.049	24.86	13.93	22.85	10.96	21.87	33.26	35.37	-2.108	46.13	42.25	26.507	2.1816	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-11	09:00:00"	18.42	16.9	7.893	27.24	14.55	18.45	13.24	23.07	32.78	35.11	-2.328	44.6	40.49	26.544	53.059	0
"2013-12-11	10:00:00"	23.46	26.19	7.672	33.8	19.05	29.83	11.16	29.63	34.77	37.24	-2.471	40.26	36.39	26.573	240.5	0
"2013-12-11	11:00:00"	22.25	34.3	8.65	32.01	17.67	37.6	11.5	26.65	38.51	41.05	-2.534	35.87	32.2	26.616	465.6	0
"2013-12-11	12:00:00"	19.16	30.66	10.21	28.43	14.87	33.49	14.22	23.66	40.3	43.14	-2.843	34.31	30.34	26.63	519.82	0
"2013-12-11	13:00:00"	16.2	35.84	11.61	24.26	12.86	39.48	15.35	21.28	42.34	44.55	-2.205	32.29	29.05	26.633	562.21	0
"2013-12-11	14:00:00"	13.55	42	12.96	21.28	10.84	46.09	15.71	18.89	44.84	47.93	-3.09	30.21	26.61	26.627	590.37	0
"2013-12-11	15:00:00"	14.3	37.25	13.28	20.09	11.62	41.71	16.55	17.7	45.45	48.26	-2.815	29.54	25.94	26.618	409.74	0
"2013-12-11	16:00:00"	13.64	28.36	10.93	19.49	10.53	32.5	16.18	17.1	44.79	47.41	-2.622	30.94	27.31	26.621	199.21	0
"2013-12-11	17:00:00"	11.87	29.17	9.19	17.1	9.15	32.56	12.94	13.52	43.12	44.94	-1.817	33.44	30.33	26.646	89.918	0
"2013-12-11	18:00:00"	8.43	47.55	13.47	15.31	5.96	51.46	16.21	13.52	40.98	41.5	-0.522	35.99	34.42	26.669	17.567	0
"2013-12-11	19:00:00"	7.095	60.96	7.792	9.35	4.275	64.59	11.48	6.964	36.91	36.24	0.661	41.73	42.33	26.679	0.02983	0
"2013-12-11	20:00:00"	6.035	58.26	7.511	9.35	3.538	59.15	11.78	6.368	34.11	33.77	0.338	49.03	49.09	26.692	0	0
"2013-12-11	21:00:00"	4.557	54.5	6.223	6.964	2.471	37.77	26.2	4.578	32.89	33.61	-0.723	53.42	52.56	26.697	0.00681	0
"2013-12-11	22:00:00"	2.622	121.7	34.72	3.982	1.437	264.8	100.4	2.789	32.45	31.9	0.551	55.08	55.28	26.701	0.02294	0
"2013-12-11	23:00:00"	4.098	108.3	20.75	5.771	2.317	84.5	34.03	3.982	32.51	31.93	0.581	55.36	56.29	26.701	0.01833	0
"2013-12-12	00:00:00"	4.292	97.2	7.449	5.771	2.553	59.55	37.47	3.982	32.49	31.38	1.103	55.38	57.13	26.706	0.02543	0
"2013-12-12	01:00:00"	3.431	60.9	18.94	4.578	3.176	9.41	12.93	4.578	31.55	28.26	3.291	56.98	62.72	26.693	0.03945	0
"2013-12-12	02:00:00"	4.631	41.87	7.971	6.964	2.978	22.88	9.02	4.578	30.37	27.56	2.81	59.61	66.57	26.678	0.05127	0
"2013-12-12	03:00:00"	5.455	50.18	7.702	6.964	3.186	49.5	12.85	5.175	29.66	28.48	1.181	62.43	65.99	26.666	0.08813	0
"2013-12-12	04:00:00"	5.789	55.82	7.462	7.561	3.427	52.89	10.75	5.175	28.71	29.28	-0.571	64.27	65.47	26.658	0.10041	0
"2013-12-12	05:00:00"	4.93	89.5	18.6	6.368	2.962	75.09	13.6	4.578	28.24	28.62	-0.385	65.69	64.69	26.651	0.09696	0
"2013-12-12	06:00:00"	2.452	130.2	33.13	5.175	1.377	25.01	60.65	2.789	28.2	27.81	0.386	66.51	66.28	26.64	0.09562	0
"2013-12-12	07:00:00"	2.753	181.3	41.05	5.175	1.648	185.2	57.61	3.982	28.09	28.12	-0.037	67.5	68.06	26.646	0.13028	0
"2013-12-12	08:00:00"	2.63	156.9	45.21	4.578	1.751	128.2	59.6	3.982	27.84	27.84	-0.001	68.61	69.39	26.644	2.7378	0
"2013-12-12	09:00:00"	3.144	153.9	25.79	5.771	2.265	143.7	44.32	5.175	28.59	29.06	-0.469	68.59	69.41	26.655	40.846	0
"2013-12-12	10:00:00"	5.759	179.8	10.15	7.561	4.816	181	13.59	6.964	30.65	31.19	-0.54	67.56	65.87	26.663	114.66	0
"2013-12-12	11:00:00"	6.258	194.8	14.85	9.95	5.273	197	16.93	8.16	32.89	34.37	-1.489	63.02	59.88	26.67	167.77	0
"2013-12-12	12:00:00"	6.662	224.2	16.99	9.95	5.726	225.9	21.88	9.95	35.19	36.12	-0.931	56.71	53.76	26.663	209.81	0
"2013-12-12	13:00:00"	6.822	247.4	20.48	13.52	5.878	251	20.38	12.33	37.63	37.97	-0.337	50.48	48.84	26.624	208.98	0
"2013-12-12	14:00:00"	4.664	255	30.73	10.54	3.816	260.4	33.13	9.95	38.58	40.16	-1.581	46.52	43.53	26.579	156.34	0
"2013-12-12	15:00:00"	5.01	229.2	57.56	10.54	4.132	232	60.99	11.14	39.73	42.34	-2.605	44.89	40.63	26.548	107.68	0
"2013-12-12	16:00:00"	4.915	188.9	27.02	11.74	4.213	189.8	29.21	10.54	39.83	41.91	-2.082	45.14	41.26	26.517	66.918	0
"2013-12-12	17:00:00"	6.089	202.9	19.14	10.54	5.075	204.2	19.88	9.35	40.22	42.97	-2.753	45.01	40.3	26.507	45.834	0
"2013-12-12	18:00:00"	6.007	194.8	20.16	10.54	4.88	196.4	23.02	8.16	39.92	42.03	-2.116	45.99	42.15	26.494	9.2242	0
"2013-12-12	19:00:00"	5.592	152	23.08	9.95	4.478	154.1	26.96	8.16	39.18	39.31	-0.131	50.36	49.56	26.462	0.02302	0
"2013-12-12	20:00:00"	6.86	207.6	30.82	11.74	5.696	211	31.89	9.95	39.22	40.19	-0.98	52.74	50.74	26.472	0	0
"2013-12-12	21:00:00"	6.036	201.3	15.42	9.35	4.976	202.9	16.84	8.75	38.33	38.41	-0.084	54.89	53.91	26.453	0	0
"2013-12-12	22:00:00"	6.43	219.6	13.51	11.74	5.367	220.5	14.78	9.95	37.91	37.69	0.222	56.28	55.58	26.44	0	0
"2013-12-12	23:00:00"	7.344	217.2	21.41	10.54	6.066	219.5	22.76	9.35	38.54	37.78	0.758	56.38	56.94	26.427	0	0
"2013-12-13	00:00:00"	6.915	209.3	14.71	9.95	5.642	211.6	15.57	8.75	38.15	37.67	0.481	58.04	58.46	26.412	0	0
"2013-12-13	01:00:00"	6.442	184.6	20.06	9.95	5.135	184.4	21.88	8.75	38.09	37.55	0.533	58.55	58.94	26.37	0	0
"2013-12-13	02:00:00"	6.332	200.3	14.32	9.95	5.094	202.4	14.65	8.75	37.77	37.13	0.638	60.57	61.87	26.34	0	0
"2013-12-13	03:00:00"	6.694	237.8	12.57	11.74	5.342	244	14.75	9.35	37.81	36.96	0.851	63.72	64.7	26.315	0	0
"2013-12-13	04:00:00"	6.659	254.9	11.34	9.95	4.913	264	13.79	8.16	37.46	36.67	0.797	65.6	67.24	26.285	0	0
"2013-12-13	05:00:00"	5.79	225.9	13.78	9.35	4.487	227.1	17.14	8.16	37.08	36.41	0.671	65.98	66.89	26.257	0	0

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-13	06:00:00"	6.266	216.4	12.55	9.35	4.981	217	14.2	8.16	36.36	36.59	-0.23	67.31	67.14	26.231	0	0
"2013-12-13	07:00:00"	7.249	218.4	13.42	11.74	5.72	220.6	17.15	9.95	35.43	37.6	-2.167	69.55	65.98	26.217	0	0
"2013-12-13	08:00:00"	8.09	216.9	13.63	12.33	6.726	219.3	15.9	11.14	35.13	37.18	-2.044	71.62	66.78	26.205	2.7501	0
"2013-12-13	09:00:00"	8.43	214.6	13.85	17.7	7.194	215.6	14.99	15.91	35.09	36.89	-1.803	74.85	71.42	26.207	76.586	0
"2013-12-13	10:00:00"	10.33	203.8	12.98	17.7	8.65	205.1	14.94	13.52	38.15	40.71	-2.554	76.21	70.73	26.2	203.97	0
"2013-12-13	11:00:00"	11.33	218.7	14.46	18.89	9.48	219.7	17.52	15.31	44.41	47.35	-2.939	66.89	60.06	26.206	313.85	0
"2013-12-13	12:00:00"	13.72	226.4	13.74	22.47	11.44	229.8	16	21.28	51.74	54.21	-2.473	56.84	51.98	26.181	533.54	0
"2013-12-13	13:00:00"	20.06	247.4	13.34	36.19	16.48	254.5	16.17	30.22	59.63	61.14	-1.513	44.59	41.5	26.148	582.18	0
"2013-12-13	14:00:00"	24.67	267.9	9.83	36.78	19.39	274.9	10.82	30.22	60.45	63.03	-2.57	40.34	36.34	26.121	555.87	0
"2013-12-13	15:00:00"	22.3	270.8	11.01	32.01	16.95	277.7	12.4	27.84	60.83	64.29	-3.462	39.08	34.26	26.097	491.71	0
"2013-12-13	16:00:00"	24.79	262.2	10.72	35	19.76	270.9	11.93	31.42	61.49	63.43	-1.935	36.16	33.02	26.089	365.41	0
"2013-12-13	17:00:00"	25.1	268.5	9.08	36.19	19.54	275.6	10.15	30.82	60.5	62.66	-2.167	36.56	33.13	26.095	205.05	0
"2013-12-13	18:00:00"	22.82	272.9	8.22	32.61	17.14	279.2	10.48	28.43	58.81	60.48	-1.664	37.62	34.64	26.105	40.64	0
"2013-12-13	19:00:00"	18.51	276.2	6.735	32.01	13.22	283.2	9.5	28.43	56.04	57.38	-1.341	38.94	36.49	26.13	0.08848	0
"2013-12-13	20:00:00"	11.31	287.2	11.71	18.89	6.697	293.9	12.95	16.51	52.07	54.76	-2.692	44.9	40	26.15	0	0
"2013-12-13	21:00:00"	10.11	290.6	9.29	14.12	5.195	296.6	10.53	9.35	48.1	50.99	-2.889	52.97	47.01	26.164	0	0
"2013-12-13	22:00:00"	11.44	281.2	8.22	18.89	7.061	289	10.78	14.12	47.6	48.84	-1.237	55.66	52.84	26.177	0	0
"2013-12-13	23:00:00"	9.62	293.1	5.572	11.74	4.12	300.1	8.38	6.368	45.85	45.52	0.333	57.9	57.92	26.19	0	0
"2013-12-14	00:00:00"	10.89	315.4	9.27	16.51	6.56	321	9.97	12.33	43.79	44.22	-0.429	62.51	62.39	26.209	0	0
"2013-12-14	01:00:00"	11.25	321.9	9.51	14.72	7.344	325.5	10.53	11.74	43.19	44.37	-1.186	61.98	59.14	26.221	0	0
"2013-12-14	02:00:00"	11.75	327	6.582	15.31	7.884	330.5	8.5	11.74	42.36	43.38	-1.012	61.94	59.2	26.224	0	0
"2013-12-14	03:00:00"	12.71	342.9	10.64	17.1	9.15	343.9	12.82	13.52	40.28	40.15	0.133	58.53	58.09	26.245	0	0
"2013-12-14	04:00:00"	12.99	354.2	12.7	19.49	9.5	353.9	12.78	15.91	39.9	39.97	-0.072	47.26	47.04	26.27	0	0
"2013-12-14	05:00:00"	17.24	359.9	14.11	23.66	13.24	357.8	16.73	20.09	39.21	40.55	-1.342	41.85	39.84	26.296	0	0
"2013-12-14	06:00:00"	16.81	6.352	11.05	23.66	13.05	6.117	15.97	20.68	37.83	40.76	-2.93	41.87	37.52	26.324	0	0
"2013-12-14	07:00:00"	14.9	9.37	7.399	20.68	11.38	9.96	17.56	18.3	36.3	39.27	-2.967	44.18	39.1	26.36	0	0
"2013-12-14	08:00:00"	16.46	16.39	6.143	23.66	12.75	17.88	12.9	19.49	34.99	37.26	-2.274	48.36	43.7	26.395	3.3932	0
"2013-12-14	09:00:00"	19.96	17.46	6.091	28.43	15.85	19.74	14.88	24.86	36.26	39.14	-2.88	47.51	41.97	26.438	105.37	0
"2013-12-14	10:00:00"	21.07	12.19	8.83	29.03	16.58	12.45	20.56	24.26	39.15	42.89	-3.747	43.13	37	26.478	276.35	0
"2013-12-14	11:00:00"	20.63	19.69	8.6	29.63	16.6	21.74	14.98	24.26	43.09	47.09	-3.995	37.88	32.65	26.506	429.17	0
"2013-12-14	12:00:00"	20.83	23.47	8.96	31.42	17.03	26.62	14.75	26.65	46.29	50.19	-3.9	36.07	30.78	26.527	535.53	0
"2013-12-14	13:00:00"	17.49	19.99	10.58	24.26	14.34	22.67	17.81	21.87	48.21	52.94	-4.728	34.89	29.41	26.527	584.58	0
"2013-12-14	14:00:00"	15.1	10.5	14.51	23.07	12.4	11.57	23.19	21.87	50.12	55.67	-5.549	32.88	27.02	26.523	559.38	0
"2013-12-14	15:00:00"	14.11	7.995	15.49	23.07	11.63	8.7	24.74	19.49	51.68	56.79	-5.117	30.47	25.2	26.517	493.41	0
"2013-12-14	16:00:00"	13.3	12.44	13.72	21.28	10.97	14.02	24.57	19.49	52.22	57.39	-5.168	27.64	22.7	26.515	366.14	0
"2013-12-14	17:00:00"	11.57	8.47	12.06	17.7	9.43	9.02	23.48	15.91	52.14	57.04	-4.905	25.54	20.99	26.516	202.69	0
"2013-12-14	18:00:00"	8.13	9.75	8.06	15.31	5.888	8.36	23.53	12.33	50.12	51.6	-1.478	26.95	24.96	26.522	38.92	0
"2013-12-14	19:00:00"	6.627	14.88	3.324	8.16	3.953	8.28	14.52	4.578	46.05	43.04	3.011	30.69	32.73	26.524	0.0954	0
"2013-12-14	20:00:00"	5.421	27.96	5.253	7.561	3.605	22.53	11.33	4.578	44.66	37.92	6.733	31.87	38.8	26.531	0	0
"2013-12-14	21:00:00"	6.161	22.15	2.592	7.561	3.619	13.88	7.02	4.578	42.84	35.81	7.037	33.94	42.35	26.544	0.00019	0
"2013-12-14	22:00:00"	4.498	39	6.227	5.771	4.137	19.51	4.034	5.175	42.83	36.16	6.669	34.62	42.14	26.557	0.00134	0
"2013-12-14	23:00:00"	6.56	341.1	46.78	11.74	4.144	332.5	28.85	7.561	39.71	35.03	4.677	38.57	45.69	26.57	0.00154	0
"2013-12-15	00:00:00"	6.722	293.6	11.41	10.54	2.821	307.2	10.51	5.771	37.12	32.82	4.307	42.88	50.42	26.568	0.00557	0
"2013-12-15	01:00:00"	4.473	267.3	9.13	6.368	2.722	306	16.21	5.175	38.66	33.34	5.326	41.45	50.37	26.55	0.0167	0
"2013-12-15	02:00:00"	4.138	278.7	16.04	5.771	2.273	288.9	39.52	3.982	36.37	33.61	2.756	51.08	54.36	26.537	0.02505	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-15	03:00:00"	5.767	302	7.155	8.75	2.648	316.2	13.1	4.578	35.88	32.77	3.114	53.8	57.79	26.531	0.00902	0
"2013-12-15	04:00:00"	5.12	276.5	15.14	7.561	2.787	284.1	17.73	4.578	35.71	33.01	2.695	53.95	59.18	26.51	0.00307	0
"2013-12-15	05:00:00"	5.625	257.1	9.6	7.561	3.369	267.5	16.73	4.578	35.85	33.42	2.433	53.63	57.4	26.501	0.00259	0
"2013-12-15	06:00:00"	6.683	260.3	13.39	9.95	3.868	269.8	23.25	6.964	35.71	33.47	2.241	53.95	57.56	26.499	0.00883	0
"2013-12-15	07:00:00"	5.396	245.5	6.756	6.964	3.338	256	12.03	5.175	34.21	31.85	2.36	56.44	59.79	26.492	0.01085	0
"2013-12-15	08:00:00"	4.405	222.6	12.45	6.368	2.861	220.1	15.35	5.175	32.44	31.12	1.315	59.59	61.56	26.489	3.3391	0
"2013-12-15	09:00:00"	4.702	198.9	11.77	6.368	3.173	195.1	13.54	5.175	32.29	31.47	0.815	61.91	63.66	26.499	108.35	0
"2013-12-15	10:00:00"	5.342	212.6	13.01	9.95	4.563	214.6	15.24	8.75	36.38	38.57	-2.193	58.59	55.22	26.52	282.4	0
"2013-12-15	11:00:00"	11.21	203.9	12.9	19.49	9.35	205.5	14.36	16.51	44.47	47.09	-2.624	44.72	40.26	26.519	437.11	0
"2013-12-15	12:00:00"	14.06	207.2	13.19	22.47	11.76	207.4	15.2	20.09	50.43	53.02	-2.593	34.24	30.57	26.501	548.13	0
"2013-12-15	13:00:00"	14.98	206.8	13.96	24.26	12.39	207.7	15.78	20.68	53.14	56.27	-3.131	31.47	27.49	26.48	597.87	0
"2013-12-15	14:00:00"	14.57	212.4	14.74	23.66	12.25	213.1	17.1	20.09	54.92	57.56	-2.637	28.8	25.3	26.453	573.48	0
"2013-12-15	15:00:00"	11.43	223.9	19.02	19.49	9.74	226.7	21.87	17.7	56.9	58.64	-1.741	26.86	24.09	26.438	506.6	0
"2013-12-15	16:00:00"	10.6	227.3	18	18.3	8.77	229.8	21.42	15.91	58.59	59.11	-0.527	24.47	22.54	26.427	378.15	0
"2013-12-15	17:00:00"	8.75	233.7	17.09	14.72	7.17	237.4	19.92	12.93	58.79	61.75	-2.957	22.55	19.51	26.425	216.31	0
"2013-12-15	18:00:00"	5.604	234.8	11.34	9.35	4.28	238.3	14.56	8.16	56.91	60.48	-3.571	24.29	20.74	26.426	44.076	0
"2013-12-15	19:00:00"	5.508	285.8	24.31	9.35	3.253	302.3	28.77	4.578	53.02	52.47	0.552	26.55	26.14	26.433	0.09001	0
"2013-12-15	20:00:00"	8.24	310.6	9.97	9.95	3.931	323.8	12.74	5.771	50.25	45.76	4.495	28.59	32.74	26.437	0	0
"2013-12-15	21:00:00"	8.47	305.5	7.684	9.95	3.963	318.3	6.157	6.368	49.04	43.12	5.926	31.02	36.38	26.443	0	0
"2013-12-15	22:00:00"	9.21	306.5	3.377	11.14	4.784	318.4	4.65	6.368	46.9	42.29	4.615	34.94	40.46	26.447	0	0
"2013-12-15	23:00:00"	8.79	310.2	11.88	11.14	3.913	308	18.44	6.368	44.82	41.89	2.927	38.09	42.33	26.453	0	0
"2013-12-16	00:00:00"	9.39	296.3	14.81	11.74	4.64	304.9	19.06	7.561	41.13	38.93	2.21	42.94	46.19	26.448	0	0
"2013-12-16	01:00:00"	10.89	309.6	3.825	12.93	5.748	318.2	6.634	8.75	40.43	38.98	1.446	45.9	49.19	26.447	0.0001	0
"2013-12-16	02:00:00"	11.05	311	5.001	13.52	6.041	317.2	7.289	8.75	40.22	41.88	-1.657	47.05	45.03	26.438	0.0001	0
"2013-12-16	03:00:00"	10.54	307.1	4.06	12.33	5.361	315.2	7.035	7.561	39.44	40.07	-0.63	48.35	46.63	26.434	0.0001	0
"2013-12-16	04:00:00"	10.87	304.9	3.809	12.33	5.457	317.2	6.512	7.561	39.27	37.54	1.721	48.05	51.31	26.431	0	0
"2013-12-16	05:00:00"	10.18	306.4	2.714	11.74	5.241	318.8	6.346	7.561	38.28	35.67	2.614	49.69	54.28	26.426	0.00173	0
"2013-12-16	06:00:00"	10.45	305.7	3.254	11.74	5.204	315.2	6.951	7.561	36.24	35.44	0.8	54.36	56.7	26.417	0.00873	0
"2013-12-16	07:00:00"	10.92	304.2	4.814	12.93	5.02	311.3	8.16	7.561	35.72	35.88	-0.157	55.71	57.16	26.414	0.01171	0
"2013-12-16	08:00:00"	9.61	302.1	4.229	11.14	4.286	313.4	8.28	6.964	35.05	36.86	-1.813	57.13	53.12	26.419	3.1432	0
"2013-12-16	09:00:00"	6.72	292.7	12.99	10.54	3.479	289.8	22.3	6.964	38.33	39.57	-1.245	51.46	53.72	26.432	107.14	0
"2013-12-16	10:00:00"	7.212	295.9	9.26	10.54	4.602	299.4	11.57	8.75	46.71	52.04	-5.326	37.49	34.57	26.452	282.37	0
"2013-12-16	11:00:00"	7.056	282.7	11	10.54	5.478	286.3	13.77	9.35	53.49	59.72	-6.23	29.9	24.53	26.467	437.71	0
"2013-12-16	12:00:00"	6.849	241	23.42	11.74	5.791	246.6	26.65	9.95	58.66	64.51	-5.849	26.53	21.41	26.462	548.85	0
"2013-12-16	13:00:00"	7.85	224.4	19.9	14.12	6.625	228	23.6	13.52	61.16	67.38	-6.218	23.6	18.53	26.443	600.92	0
"2013-12-16	14:00:00"	11.31	206.9	14.56	19.49	9.33	208.9	16.9	15.91	63.95	69.24	-5.29	20.69	16.35	26.406	577.71	0
"2013-12-16	15:00:00"	10.84	213.4	16.22	18.3	9.17	215.3	18.28	15.91	65.79	70.72	-4.93	19.13	15.1	26.392	510.6	0
"2013-12-16	16:00:00"	10.48	209.5	14.86	16.51	8.81	208.8	16.16	15.31	65.95	71.05	-5.098	18.64	14.62	26.387	382.79	0
"2013-12-16	17:00:00"	9.68	227.3	15.71	17.1	8.05	230.4	18.1	14.12	65.99	70.74	-4.744	18.34	14.51	26.388	218.4	0
"2013-12-16	18:00:00"	5.975	222.5	12.81	12.33	4.63	221.1	14.12	11.14	62.74	67.07	-4.328	21.13	17.12	26.395	40.58	0
"2013-12-16	19:00:00"	4.149	208.7	13.61	7.561	2.139	204.8	21.31	4.578	57.88	58.21	-0.333	25	23.71	26.402	0.05031	0
"2013-12-16	20:00:00"	2.841	203.5	13.4	5.175	1.608	195.2	17.18	3.386	55.17	53.09	2.081	27.25	28.18	26.412	0	0
"2013-12-16	21:00:00"	4.263	247.5	28.24	6.368	2.017	249.9	48.54	3.386	53.79	50.62	3.168	28.44	30.23	26.418	0	0
"2013-12-16	22:00:00"	6.745	286.5	9.48	8.75	3.375	288.6	10.81	5.175	52.81	50.29	2.517	28.24	30.72	26.428	0	0
"2013-12-16	23:00:00"	8.51	304.4	3.656	9.35	3.621	310.6	7.483	5.771	49.16	46.21	2.952	30.98	33.67	26.435	0	0

WCS Meteorological Data
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ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-17	00:00:00"	9.68	310.4	4.203	11.74	4.584	317.4	7.086	6.964	48.48	45.91	2.574	32.38	35.75	26.443	0
"2013-12-17	01:00:00"	8.11	301.1	11.69	11.74	3.468	300.7	19.06	5.771	47.57	45.17	2.396	34.65	36.9	26.445	0
"2013-12-17	02:00:00"	8.34	301.4	8.89	11.74	3.579	300.3	14.96	6.368	45.83	45.19	0.646	37.75	38.25	26.444	0
"2013-12-17	03:00:00"	9.61	305.6	3.638	13.52	4.361	312.6	13.85	7.561	45.79	44.24	1.556	38.91	40.75	26.44	0
"2013-12-17	04:00:00"	9.15	323.9	15.86	15.31	4.763	333	22	8.16	43.44	43.12	0.319	42.49	42.57	26.443	0
"2013-12-17	05:00:00"	8.58	355.4	12.4	11.74	5.138	359.5	21.63	8.75	39.95	39.71	0.239	47.04	47.67	26.437	0
"2013-12-17	06:00:00"	8.83	349.6	10.72	11.74	5.781	348.1	16.25	9.35	38.66	38.71	-0.048	49	48.9	26.436	0
"2013-12-17	07:00:00"	9.48	352.2	14.63	12.33	6.149	350.9	20.09	8.75	38.15	37.15	0.998	48.39	49.61	26.45	0
"2013-12-17	08:00:00"	8.76	0.957	12.6	12.33	5.648	356.9	22	9.35	38.22	36.72	1.499	47.97	49.67	26.467	2.9442
"2013-12-17	09:00:00"	10.24	8.46	11.41	15.91	7.487	7.917	20.82	13.52	41.36	41.66	-0.302	43.08	42.67	26.497	106.06
"2013-12-17	10:00:00"	10.97	20.06	8.32	15.31	8.92	22.6	14.88	14.72	46.97	49.45	-2.481	36.33	33.8	26.517	281.3
"2013-12-17	11:00:00"	6.884	32.56	11.46	9.35	6.019	36.93	14.94	8.75	53.05	55.36	-2.31	30.37	27.82	26.535	438.12
"2013-12-17	12:00:00"	5.942	32.29	24.96	10.54	5.087	36.42	32.4	9.35	58.69	60.53	-1.843	24.63	22.19	26.532	552.16
"2013-12-17	13:00:00"	4.14	16.72	36.97	8.75	3.602	21.77	42.88	8.16	62.1	63.66	-1.554	21.01	18.64	26.509	607.29
"2013-12-17	14:00:00"	5.253	32.32	26.8	9.35	4.487	36.77	35.14	8.75	64.68	67.01	-2.333	19.56	16.93	26.484	581.41
"2013-12-17	15:00:00"	4.047	24.36	53.27	9.35	3.544	29	55.17	8.16	65.74	67.95	-2.203	18.21	15.63	26.468	519.05
"2013-12-17	16:00:00"	4.163	55.02	35.5	7.561	3.563	60.59	38.31	6.964	66.54	68.32	-1.779	17.11	14.81	26.464	390.55
"2013-12-17	17:00:00"	5.322	61.13	28.56	12.93	4.296	65.67	29.75	7.561	66.25	68.09	-1.849	17.42	15.18	26.466	222.11
"2013-12-17	18:00:00"	7.032	79.33	6.207	8.75	4.285	78.75	9.76	6.964	63.42	63.56	-0.144	20.01	18.88	26.473	48.065
"2013-12-17	19:00:00"	9.02	85.6	2.496	11.14	4.776	77.89	6.99	6.368	58.97	55.53	3.439	23.19	24.47	26.483	0.19941
"2013-12-17	20:00:00"	10.54	90.2	3.328	11.74	5.428	79.68	5.903	7.561	55.31	51.22	4.089	27.17	29.51	26.495	0
"2013-12-17	21:00:00"	10.49	104.5	5.385	11.14	5.211	84	7.247	6.964	53.25	48.31	4.942	30.92	33.97	26.497	0
"2013-12-17	22:00:00"	10.54	106.9	4.536	12.33	5.269	87.8	7.945	6.964	51.82	46.83	4.998	33.5	37.48	26.5	0
"2013-12-17	23:00:00"	8.82	87.6	10.46	10.54	5.283	72.16	10.06	7.561	48.92	45.94	2.978	37.16	40.01	26.498	0
"2013-12-18	00:00:00"	7.156	83.6	7.526	9.35	3.953	52.24	24.4	6.964	47.27	46.47	0.799	39.63	39.8	26.495	0
"2013-12-18	01:00:00"	5.592	79.09	9.21	8.16	3.638	21.71	31.68	5.771	47.7	41.33	6.376	40.01	47.33	26.479	0
"2013-12-18	02:00:00"	4.862	120.7	21.92	6.368	1.954	89.8	46.13	3.386	47.91	43.12	4.782	40.55	46.13	26.46	0
"2013-12-18	03:00:00"	5.196	163.1	6.458	6.368	2.859	163.2	7.946	3.982	46.17	43.99	2.175	44.02	46.67	26.444	0
"2013-12-18	04:00:00"	3.903	184.7	16.38	6.368	1.598	171.4	37.83	3.982	45.18	42.58	2.598	45.06	48.86	26.432	0
"2013-12-18	05:00:00"	3.066	201.9	16.98	3.982	1.007	185.4	73.7	1.596	45.75	42.24	3.511	43.15	49.22	26.423	0
"2013-12-18	06:00:00"	2.789	224.4	19.89	4.578	1.253	296	30.97	2.789	45.38	42.39	2.986	42.6	46.95	26.408	0
"2013-12-18	07:00:00"	3.182	188	11.23	7.561	1.309	289.1	65.02	4.578	45.35	41.13	4.21	42.37	48.36	26.401	0.0001
"2013-12-18	08:00:00"	5.949	186.6	7.296	7.561	3.241	188.1	9.28	4.578	41.48	38.29	3.191	50.65	55.66	26.398	3.301
"2013-12-18	09:00:00"	6.263	204	9.78	8.16	4.743	201.6	9.32	7.561	40.38	40.2	0.19	52.95	53.51	26.403	67.587
"2013-12-18	10:00:00"	6.228	204.9	12.28	9.95	5.31	206.7	14.59	8.75	43.62	45.03	-1.414	49.94	47.27	26.411	257.95
"2013-12-18	11:00:00"	6.958	214.5	13.67	11.74	6.157	218.5	15.77	11.14	49.2	52.44	-3.235	41.3	37.03	26.406	391.37
"2013-12-18	12:00:00"	8.71	196.4	14.29	14.72	7.376	198.1	16.45	11.74	56.24	59.71	-3.47	32.99	29.07	26.383	490.42
"2013-12-18	13:00:00"	10.32	210.1	14.96	15.31	8.76	212.6	17.16	15.91	61.21	64.42	-3.218	27.31	23.76	26.347	532.23
"2013-12-18	14:00:00"	12.34	205.1	13.47	18.89	10.24	206.4	15.46	16.51	63.87	67.15	-3.283	23.38	19.96	26.298	433.82
"2013-12-18	15:00:00"	14.51	202.1	14.86	23.07	11.89	204.5	16.34	20.09	65.97	68.79	-2.822	20.45	17.32	26.259	393.09
"2013-12-18	16:00:00"	13.1	202.1	12.82	20.09	10.6	204	13.8	17.7	65.54	65.89	-0.352	21.07	19.28	26.239	224.48
"2013-12-18	17:00:00"	11.61	194.2	8.52	18.89	9.23	199.1	10.95	14.72	63.94	63.85	0.087	23.31	21.86	26.225	99.65
"2013-12-18	18:00:00"	8.24	183.7	7.964	12.33	6.127	186.4	10.79	9.95	61.06	61.76	-0.701	26.34	24.85	26.212	23.456
"2013-12-18	19:00:00"	11.79	171.5	7.025	16.51	8.94	171.5	8.75	14.12	58.72	58.76	-0.04	28.44	27.05	26.205	0.03671
"2013-12-18	20:00:00"	10.6	179.2	9.1	16.51	7.926	180.1	11.69	12.93	56.26	56.73	-0.471	30.39	28.93	26.207	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-18	21:00:00"	9.51	195.4	10.72	15.31	7.078	202.9	12.05	13.52	56.09	57.26	-1.166	31.5	29.28	26.207	0
"2013-12-18	22:00:00"	8.5	198.3	8.34	11.74	6.395	202.5	9.48	9.95	53.13	55.12	-1.993	38.69	34.99	26.201	0
"2013-12-18	23:00:00"	9.8	190.3	8.66	14.72	7.342	197.1	11.91	11.74	50.63	49.68	0.948	46.26	45.89	26.189	0
"2013-12-19	00:00:00"	11.19	186.7	10.51	15.91	8.77	192.2	13.88	14.12	50.53	49.92	0.605	47.7	47.4	26.171	0
"2013-12-19	01:00:00"	11.19	198.7	8.5	16.51	8.81	202.9	9.78	14.12	49.02	49.48	-0.467	53.68	52.07	26.159	0
"2013-12-19	02:00:00"	9.08	204	11.67	12.93	7.161	207.7	12.77	10.54	47.1	48.4	-1.298	61.74	58.08	26.136	0
"2013-12-19	03:00:00"	7.114	199	10.9	10.54	5.387	202.7	11.11	8.75	44.97	46.55	-1.585	68.56	64.43	26.113	0
"2013-12-19	04:00:00"	5.583	219.4	14.76	8.16	4.39	225.3	16.28	6.964	44.15	45.72	-1.569	73.01	68.9	26.101	0
"2013-12-19	05:00:00"	7.296	216.4	12.28	11.74	5.914	219.2	13.53	9.35	43.58	45.7	-2.116	75.9	71.32	26.096	0
"2013-12-19	06:00:00"	7.023	215.5	13.17	11.14	5.573	218.5	16.26	9.35	42.78	44.94	-2.162	78.46	72.76	26.085	0
"2013-12-19	07:00:00"	6.549	210.3	12.85	9.95	4.959	214.5	13.76	8.16	42.15	43.26	-1.117	81.3	78.79	26.076	0.00182
"2013-12-19	08:00:00"	6.49	218	13.86	9.35	5.004	223.6	15.35	8.16	42.24	42.85	-0.607	82.8	81.3	26.077	3.0998
"2013-12-19	09:00:00"	6.642	215.7	12.67	9.95	5.337	217.9	14.7	9.35	42.38	43.5	-1.122	83.2	81.1	26.091	62.672
"2013-12-19	10:00:00"	6.861	207.9	12.49	11.14	5.811	209.6	14.99	9.35	44.21	45.84	-1.636	82	77.72	26.103	164.63
"2013-12-19	11:00:00"	7.133	214.8	12.66	11.74	6.066	218.4	14.68	10.54	49.35	50.72	-1.369	66.71	61.94	26.115	299.97
"2013-12-19	12:00:00"	8.57	209.8	13.18	12.93	7.273	212.7	16.79	12.33	57.47	60.37	-2.897	43.73	39.86	26.106	519.32
"2013-12-19	13:00:00"	11.24	226.9	16.23	18.89	9.59	229.8	19.09	17.1	64.87	67.78	-2.909	28.38	24.85	26.074	589.66
"2013-12-19	14:00:00"	15.39	234.1	18.55	25.45	12.57	238.8	22.18	24.26	69.9	72.25	-2.343	21.82	18.97	26.035	566.98
"2013-12-19	15:00:00"	18.41	248.1	10.76	28.43	14.86	254.6	14.22	24.86	73.45	75.31	-1.863	15.46	13.18	26.005	498.44
"2013-12-19	16:00:00"	21.43	245.7	10.82	32.01	17.17	252.1	13.78	29.03	74.68	76.13	-1.449	14.05	12.04	25.995	370.24
"2013-12-19	17:00:00"	20.05	246.1	11.34	30.82	16.31	252.9	13.82	28.43	73.82	74.93	-1.102	14.57	12.7	25.996	194.45
"2013-12-19	18:00:00"	15.36	250.1	10.08	24.26	12.12	256.6	13.85	20.68	71.37	72.55	-1.185	16.33	14.4	25.999	46.243
"2013-12-19	19:00:00"	9.45	245.3	13.21	19.49	6.596	252.5	15.94	15.31	67.03	67.24	-0.207	19.39	17.88	26.014	0.22009
"2013-12-19	20:00:00"	7.26	253.2	24.4	12.33	4.816	253.4	25.17	8.75	62.78	61.52	1.259	22.32	21.92	26.019	0
"2013-12-19	21:00:00"	5.913	234.5	47.04	10.54	3.973	239.8	58.58	8.16	60.09	59.23	0.859	24.59	24.11	26.042	0
"2013-12-19	22:00:00"	3.527	234.7	48.26	6.368	2.235	182.2	94.5	5.771	59.47	55.16	4.314	24.92	27.85	26.051	0
"2013-12-19	23:00:00"	4.383	217.6	27.04	6.964	2.277	217.1	56	4.578	60.02	54.6	5.422	25.32	28.58	26.053	0
"2013-12-20	00:00:00"	6.203	221.4	13.03	10.54	4.164	224.2	19.88	8.75	58.22	56.82	1.409	32.2	31.55	26.063	0
"2013-12-20	01:00:00"	7.489	193.7	12.79	11.74	5.079	194.7	16.16	9.95	54.34	52.96	1.372	51.6	50.86	26.058	0
"2013-12-20	02:00:00"	4.831	202.6	13.83	7.561	3.023	205.2	21.25	5.771	50.98	49.69	1.287	60.73	61.06	26.05	0
"2013-12-20	03:00:00"	4.572	201.7	19.54	8.75	2.879	213.9	47	6.368	49.87	47.72	2.147	65.21	65.85	26.049	0
"2013-12-20	04:00:00"	5.292	206.2	14.88	8.75	3.629	210.2	23.87	6.964	48.04	47.91	0.128	72.93	71.89	26.054	0
"2013-12-20	05:00:00"	4.742	235.8	20.76	6.964	3.192	251.3	33.39	5.771	47.49	48.27	-0.787	76.84	73.53	26.058	0
"2013-12-20	06:00:00"	3.309	276.5	19.9	6.964	2.706	330.6	39.46	4.578	49.04	46.64	2.405	76.57	79	26.041	0
"2013-12-20	07:00:00"	5.313	291.3	30.33	7.561	2.868	308.5	58.43	5.175	52.17	47.58	4.591	53.32	71.75	26.045	0
"2013-12-20	08:00:00"	3.232	220.2	19.85	5.175	1.591	203.8	54.66	3.386	52.21	49.35	2.861	46.58	58.44	26.061	0.52304
"2013-12-20	09:00:00"	5.021	222	34.43	8.75	3.493	228.9	44.45	6.368	50.79	49.34	1.448	53.2	56.52	26.07	13.456
"2013-12-20	10:00:00"	7.806	105.3	39	17.7	5.572	98.7	35.21	14.12	50.31	50.6	-0.289	62.47	62.07	26.079	50.171
"2013-12-20	11:00:00"	13.02	56.94	10.32	18.3	9.97	60.9	11.85	15.31	47.94	50.03	-2.088	44.7	42.13	26.112	62.084
"2013-12-20	12:00:00"	14.02	42.52	8.25	19.49	11.21	46.98	10.27	17.1	44.23	47.06	-2.83	53.26	50.48	26.104	96.015
"2013-12-20	13:00:00"	16.35	41.3	8.95	23.66	12.97	46.26	10.54	21.28	41.54	44.28	-2.735	66.93	63.77	26.081	128.73
"2013-12-20	14:00:00"	17.43	30.32	7.353	24.26	14.28	34.67	10.07	21.87	38.51	41.1	-2.591	73.46	68.96	26.042	53.819
"2013-12-20	15:00:00"	17.59	22.48	8.15	26.05	14.21	25.42	12.02	23.07	36.74	39.24	-2.501	77.1	73.89	26.025	44.824
"2013-12-20	16:00:00"	17.66	23.32	9.43	24.86	14.27	26.49	12.9	22.47	36.41	39.07	-2.658	80.1	75.24	26.015	10.919
"2013-12-20	17:00:00"	13.84	39.93	7.6	19.49	11.16	45.2	9.77	17.1	37.7	38.97	-1.268	81.6	78.07	26.022	11.126

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-20	18:00:00"	13.06	71.69	15.64	21.28	10.14	73.82	16.2	17.1	39.11	39.82	-0.708	82.5	79.73	26.025	2.5165	0.1
"2013-12-20	19:00:00"	17.17	102.8	8.44	26.65	13.51	107.2	11.18	21.28	39.31	40.12	-0.81	83.2	81.2	26.003	0.3454	0.05
"2013-12-20	20:00:00"	12.78	86.3	36.56	23.07	10.02	88.5	38.68	18.89	39.07	41.02	-1.949	83.2	81.4	25.987	0.3454	0.01
"2013-12-20	21:00:00"	6.544	73.42	41.03	18.89	5.19	76.67	43.95	13.52	38.35	40.73	-2.378	83.5	81	26.006	0.3454	0.02
"2013-12-20	22:00:00"	6.734	65.56	11.76	12.93	5.271	67.06	13.39	10.54	38.96	41.05	-2.089	84.2	81.3	25.985	0.3454	0
"2013-12-20	23:00:00"	6.484	45.91	10.98	9.35	5.23	50.27	11.99	8.16	39.11	41.26	-2.143	85	81.9	25.977	0.35191	0
"2013-12-21	00:00:00"	5.21	26.87	26.52	8.16	4.292	28.22	28.17	6.368	39.52	41.37	-1.85	85.7	82.7	25.969	0.55209	0
"2013-12-21	01:00:00"	4.958	0.455	39.53	8.75	3.814	5.614	41.68	6.964	39.91	41.54	-1.623	86.2	83.5	25.955	0.69064	0
"2013-12-21	02:00:00"	5.606	66.69	12.74	9.35	4.409	70.07	13.44	7.561	40.06	41.64	-1.587	86.4	83.9	25.929	0.66055	0
"2013-12-21	03:00:00"	6.406	108.2	15.25	9.95	4.951	111.6	18.77	8.16	40.5	42.12	-1.615	86.7	84	25.893	0.66341	0.01
"2013-12-21	04:00:00"	6.957	218.7	37.76	16.51	5.586	226.6	43.22	13.52	41.43	42.88	-1.452	87.2	84.6	25.9	0.51139	0.02
"2013-12-21	05:00:00"	10.69	262.5	9.11	18.3	8.49	269.7	10.13	15.91	42.36	43.8	-1.438	87.1	84.4	25.916	0.4876	0
"2013-12-21	06:00:00"	6.269	250	24.13	13.52	4.866	253.7	27.21	9.95	41.68	42.87	-1.192	86.8	82.9	25.898	0.34527	0
"2013-12-21	07:00:00"	6.813	223.9	13.62	11.14	5.528	223.7	15.67	9.95	41.97	42.12	-0.156	86.2	81.9	25.893	0.3451	0
"2013-12-21	08:00:00"	6.517	209.1	12.6	12.33	5.348	203.6	13.52	11.74	40.09	39.3	0.794	85.2	82.3	25.888	1.402	0
"2013-12-21	09:00:00"	9.79	223	13.65	15.91	8.19	223.3	15.62	15.31	38.57	38.45	0.115	84.2	80.9	25.892	96.459	0
"2013-12-21	10:00:00"	14.96	229.5	13.27	29.03	12.49	232.9	15.72	24.26	42.21	42.2	0.008	74.85	70.76	25.882	267.27	0
"2013-12-21	11:00:00"	22.01	239.3	11.84	35	18.3	245.6	13.45	31.42	45.41	44.9	0.507	57.65	58.87	25.886	329.05	0
"2013-12-21	12:00:00"	20.95	234.9	12.15	32.01	17.77	239.9	14.77	30.22	45.97	45.83	0.138	58.95	59.65	25.877	410.35	0
"2013-12-21	13:00:00"	22.99	252.3	14.34	33.8	18.34	259.6	16.65	30.22	48.34	48.79	-0.444	54.91	55.18	25.861	535.14	0
"2013-12-21	14:00:00"	23.81	266	9.09	37.38	19	273.7	9.98	29.63	50.38	51.94	-1.56	49.84	48.04	25.843	507.61	0
"2013-12-21	15:00:00"	23.42	266.8	11.56	34.4	18.22	274.8	12.14	29.03	52.46	54.57	-2.108	48.11	45.51	25.849	482.06	0
"2013-12-21	16:00:00"	24.07	263.5	9.81	35	19.19	272.5	10.45	30.82	53.91	55.78	-1.871	44.98	42	25.862	348.76	0
"2013-12-21	17:00:00"	24.22	256.6	9.7	39.17	19.26	266.5	12.02	32.01	53.81	54.71	-0.898	43.44	41.93	25.887	150.62	0
"2013-12-21	18:00:00"	24.11	257.4	9.42	36.78	19.26	267.1	11.4	35	52.58	52.86	-0.285	43.86	43.09	25.91	50.818	0
"2013-12-21	19:00:00"	16.26	252.1	11.53	30.22	13.11	260.3	14.22	26.05	50.33	49.26	1.07	48.55	49.83	25.938	0.12194	0
"2013-12-21	20:00:00"	11.85	247.1	9.25	18.3	9.27	252.9	12.43	15.31	48.99	46.34	2.653	51.53	56.52	25.964	0	0
"2013-12-21	21:00:00"	10.89	243	10.87	17.1	8.58	249	12.66	13.52	47.28	44.37	2.907	56.55	62.25	25.989	0	0
"2013-12-21	22:00:00"	8.13	242.4	12.25	17.7	7.195	248	14.34	12.93	46.68	43.66	3.029	58.59	64.13	26.016	0	0
"2013-12-21	23:00:00"	6.118	221.8	24.37	11.74	4.664	222.4	28.1	11.14	45.34	41.95	3.392	59.89	66.54	26.041	0	0
"2013-12-22	00:00:00"	10.91	271.8	12.17	18.89	7.759	278.3	14.72	14.72	44.82	44.28	0.547	57.33	58.71	26.061	0	0
"2013-12-22	01:00:00"	8.78	280.2	10.73	14.72	6.039	286.2	12.77	12.33	45.24	45.15	0.095	56.05	56.8	26.084	0	0
"2013-12-22	02:00:00"	11.56	293.7	22.44	25.45	7.661	299.1	22.52	21.87	44.71	45.85	-1.139	59.21	58.41	26.105	0	0
"2013-12-22	03:00:00"	15.79	23.17	6.741	23.66	12.91	26.79	10.71	21.87	37.08	39.7	-2.62	73.01	67.71	26.141	0.00134	0
"2013-12-22	04:00:00"	14.85	17.19	7.002	21.28	11.88	18.47	12.8	19.49	34.6	36.68	-2.088	76.66	71.46	26.159	0.00067	0
"2013-12-22	05:00:00"	14.56	17.72	6.55	20.68	11.5	19.58	12.09	16.51	32.08	34.21	-2.124	71.58	66.34	26.198	0.00202	0
"2013-12-22	06:00:00"	11.58	18.31	7.522	17.7	9.26	19.9	12.91	14.72	31.42	33.65	-2.235	68.31	64.31	26.236	0.00154	0
"2013-12-22	07:00:00"	10.5	22.55	6.799	14.12	8.49	24.96	11.03	12.33	31.46	33.73	-2.275	66.89	63.38	26.276	0.00211	0
"2013-12-22	08:00:00"	8.92	20.64	6.535	12.33	7.358	23.11	11.07	11.14	32.04	33.98	-1.941	64.23	61.47	26.313	0.88409	0
"2013-12-22	09:00:00"	9.41	7.373	11.81	13.52	7.565	5.769	12.47	11.74	33.42	34.99	-1.567	61.53	59.96	26.353	52.745	0
"2013-12-22	10:00:00"	14.75	8.58	10.57	21.87	11.89	7.526	14.41	18.89	35.5	38.77	-3.266	55.59	51.55	26.388	227.48	0
"2013-12-22	11:00:00"	14.62	16.28	8.47	20.68	12.01	17.08	14.23	18.3	37.87	41.36	-3.488	54.01	48.9	26.418	361.82	0
"2013-12-22	12:00:00"	12.64	25.5	14.26	18.3	10.5	28.07	18.36	17.1	40.42	43.91	-3.498	52.86	48.12	26.439	505.59	0
"2013-12-22	13:00:00"	8.98	28.9	17.09	14.72	7.684	31.86	21.24	12.93	42	43.61	-1.606	51.97	49.79	26.439	465.37	0
"2013-12-22	14:00:00"	6.609	13.93	28.69	14.72	5.583	14.02	33.43	11.14	44.7	44.73	-0.031	47.94	48.25	26.424	555.8	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-22	15:00:00"	4.984	10.67	44.8	11.14	4.288	12.24	47.6	11.14	44.5	46.03	-1.533	46.02	44.02	26.414	359.53	0	
"2013-12-22	16:00:00"	4.841	332.5	28.04	9.35	3.863	335.5	31.03	8.16	42.88	45.53	-2.646	47.86	44.36	26.424	216.53	0	
"2013-12-22	17:00:00"	6.481	296.6	16.67	9.95	4.585	302.4	17.78	8.16	42.69	45.02	-2.328	48.01	45.63	26.436	130.06	0	
"2013-12-22	18:00:00"	4.984	312.7	13.05	8.16	3.471	318.4	15.55	6.964	42.66	43.96	-1.303	47.91	47.17	26.448	47.215	0	
"2013-12-22	19:00:00"	2.357	276.7	44.46	4.578	1.64	290.5	38.11	3.982	41.08	39.66	1.422	50.53	54.19	26.449	0.20639	0	
"2013-12-22	20:00:00"	1.856	219.3	79.17	5.175	1.664	61.9	61.48	2.789	39.99	37.47	2.526	53.44	60.46	26.46	0.00134	0	
"2013-12-22	21:00:00"	3.658	164.3	8.85	5.771	1.925	164.8	12.02	3.982	38.42	36.85	1.572	57.02	61.86	26.472	0.00154	0	
"2013-12-22	22:00:00"	4.165	171.2	7.254	5.771	2.53	167.4	10.99	3.982	37.52	36.85	0.668	58.73	61.06	26.479	0.00355	0	
"2013-12-22	23:00:00"	4.737	185.6	13.85	8.16	2.999	188.8	19.35	6.368	36.42	35.56	0.864	60.56	62.94	26.484	0.01737	0	
"2013-12-23	00:00:00"	4.665	210.4	13.62	6.964	3.26	209.6	14.36	5.175	34.88	34.5	0.38	64.38	65.18	26.494	0.00202	0	
"2013-12-23	01:00:00"	4.181	224.7	15.81	6.964	3.273	224	20.18	5.175	34.27	33.57	0.695	67.32	68.26	26.497	0.00998	0	
"2013-12-23	02:00:00"	6.154	217.8	14.78	10.54	4.471	216.9	17.76	8.16	32.88	31.9	0.981	70.42	72.07	26.491	0.03992	0	
"2013-12-23	03:00:00"	6.864	218.4	11.99	9.95	5.518	219.4	12.47	8.16	32.97	32.27	0.703	68.1	69.04	26.492	0.00115	0	
"2013-12-23	04:00:00"	6.824	222.4	12.85	10.54	5.601	223.2	13.26	8.75	31.76	31.45	0.316	69.92	70.1	26.499	0.01392	0	
"2013-12-23	05:00:00"	6.632	234.1	12.86	9.95	5.069	238.8	16.82	8.75	32.07	30.92	1.153	69.91	71.12	26.5	0.05	0	
"2013-12-23	06:00:00"	6.505	233.1	13.25	8.75	4.901	238.6	17.21	8.75	32.59	31.07	1.52	68.51	70.75	26.503	0.0597	0	
"2013-12-23	07:00:00"	5.836	223.8	11.23	8.16	4.46	221	11.9	6.964	31.41	30.91	0.495	68.67	69.52	26.512	0.07937	0	
"2013-12-23	08:00:00"	6.957	232.9	12.62	9.35	5.086	239.1	15.88	8.16	32.79	31.45	1.335	66.54	68.28	26.533	2.0506	0	
"2013-12-23	09:00:00"	6.668	251.7	6.448	8.75	4.519	259.3	9.12	6.964	33.65	32.54	1.104	63.68	66.73	26.56	92.345	0	
"2013-12-23	10:00:00"	6.413	243.3	10.22	9.95	5.397	249.8	11.31	8.75	36.6	36.37	0.232	62.97	62.31	26.586	267.3	0	
"2013-12-23	11:00:00"	6.899	233.2	13.59	9.95	5.995	239.6	15.44	8.75	40.81	41.24	-0.431	59.7	58.34	26.609	425.57	0	
"2013-12-23	12:00:00"	8.3	259.5	24.03	18.3	6.524	263.1	24.35	14.72	45.95	48	-2.051	51.96	49.17	26.617	542.22	0	
"2013-12-23	13:00:00"	13.99	301.6	13.72	21.28	9.28	306.3	14.93	18.3	50.16	55.91	-5.746	36.36	31.62	26.609	599.05	0	
"2013-12-23	14:00:00"	13.89	319.6	14.41	20.09	10.09	323.1	14.96	17.1	51.08	56.4	-5.318	34.57	29.9	26.588	580.29	0	
"2013-12-23	15:00:00"	10.25	322.6	17.52	18.89	7.872	326.5	17.55	15.91	52.43	56.06	-3.623	30.6	28.03	26.578	522.19	0	
"2013-12-23	16:00:00"	6.968	335.9	23.04	12.33	5.706	338.5	24.31	11.74	53.2	55.95	-2.745	28.01	25.79	26.584	395.79	0	
"2013-12-23	17:00:00"	4.878	356.1	28.39	9.35	4.053	354.8	31.74	8.75	52.82	56.01	-3.185	26.28	23.74	26.585	231.41	0	
"2013-12-23	18:00:00"	4.708	45.88	14	6.368	3.285	47.72	15.07	5.771	51.44	53.13	-1.686	29.55	29.27	26.589	52.635	0	
"2013-12-23	19:00:00"	5.929	77.37	5.754	9.35	3.71	67.02	9.95	5.771	48.95	47.55	1.395	31.02	33.73	26.594	0.24273	0	
"2013-12-23	20:00:00"	8.37	88	5.091	9.95	4.31	77.04	9.81	5.771	46.2	43.76	2.442	34.9	39.47	26.605	0	0	
"2013-12-23	21:00:00"	8.9	88.8	2.899	10.54	5.041	75.46	8.18	6.964	43.51	42.91	0.598	39.9	42.49	26.622	0	0	
"2013-12-23	22:00:00"	10.32	92.1	4.662	11.74	5.24	85.5	7.194	6.964	40.32	36.93	3.393	49.18	57.13	26.625	0.00086	0	
"2013-12-23	23:00:00"	10.5	95.6	3.484	12.33	5.566	87.9	6.879	7.561	39.06	34.92	4.134	55.26	63.73	26.62	0.01574	0	
"2013-12-24	00:00:00"	10.05	101.1	5.121	11.74	5.658	96.3	7.934	7.561	37.5	33.88	3.625	61.3	68.37	26.621	0.00278	0	
"2013-12-24	01:00:00"	9.55	100.3	5.369	11.74	5.97	97.2	7.267	8.16	36.77	33.95	2.824	63.9	70.25	26.617	0.01401	0	
"2013-12-24	02:00:00"	9.38	109.4	8.04	12.93	6.423	110.3	11.01	9.95	35.28	35.66	-0.372	68.65	70.74	26.6	0.00576	0	
"2013-12-24	03:00:00"	7.65	113.4	9.21	11.74	5.105	114.3	11.78	7.561	32.98	33.52	-0.531	73.59	72.09	26.582	0.02409	0	
"2013-12-24	04:00:00"	5.6	140.4	19.24	9.95	3.543	143.3	24.79	7.561	31.95	31.3	0.652	77.43	77.33	26.569	0.0357	0	
"2013-12-24	05:00:00"	6.412	159.5	9.91	10.54	4.563	160.1	11.01	8.16	32.74	32.09	0.647	77.63	77.7	26.555	0.03983	0	
"2013-12-24	06:00:00"	7.907	175.8	7.988	11.74	5.791	176.7	9.63	8.75	33.85	33.12	0.727	75.87	75.89	26.531	0.01248	0	
"2013-12-24	07:00:00"	7.189	192.6	13.06	11.74	5.186	197.8	14.75	8.75	33.11	32.8	0.306	74.79	75.11	26.52	0.03791	0	
"2013-12-24	08:00:00"	7.451	205.1	10.71	10.54	5.912	202.3	10.46	8.75	31.42	32.03	-0.606	76.96	75.98	26.518	2.052	0	
"2013-12-24	09:00:00"	7.803	206.7	11.78	11.74	6.528	202.8	11.52	9.35	32.05	32.72	-0.676	78.08	76.74	26.519	93.537	0	
"2013-12-24	10:00:00"	8.9	199.5	11.57	14.12	7.308	201.5	12.36	13.52	35.76	36.78	-1.023	78.04	74.48	26.526	271.05	0	
"2013-12-24	11:00:00"	11.12	196.2	10.39	15.91	9.1	199	11.72	14.12	41.54	42.55	-1.012	66.92	62.94	26.525	429.07	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-24	12:00:00"	12.97	197.3	10.09	18.3	10.62	200.7	12.05	15.91	46.3	48.06	-1.762	54.94	51.48	26.507	544.27	0	
"2013-12-24	13:00:00"	12.5	201.9	12.9	20.68	10.33	203.8	14.38	17.7	50.13	53.61	-3.477	46.36	41.27	26.477	599.61	0	
"2013-12-24	14:00:00"	13.47	194.8	12.81	21.28	11.01	197	14.54	18.3	53.84	57.55	-3.715	38.61	34.18	26.432	581.07	0	
"2013-12-24	15:00:00"	16.43	199.9	12.01	24.86	13.21	202.2	13.21	20.68	56.48	60.05	-3.57	34.13	29.99	26.396	520.1	0	
"2013-12-24	16:00:00"	15.98	201.1	11.81	24.26	13.17	202.9	12.71	21.28	57.71	60.94	-3.233	33.19	29.18	26.376	394.76	0	
"2013-12-24	17:00:00"	15.7	198.3	10.84	24.26	12.56	200	11.22	20.68	57.49	60.41	-2.923	33.69	30.07	26.365	230.36	0	
"2013-12-24	18:00:00"	9.8	195.4	9.69	16.51	7.486	200.3	11.85	14.12	55.58	58.28	-2.697	35.58	32.29	26.361	53.141	0	
"2013-12-24	19:00:00"	5.361	215.7	13.75	7.561	3.693	219.3	19.87	6.368	51.78	51.72	0.061	40.81	40.37	26.361	0.26257	0	
"2013-12-24	20:00:00"	7.328	201.6	26.23	15.91	5.219	202.4	33.15	12.33	50.42	49.3	1.118	43.93	45.67	26.367	0	0	
"2013-12-24	21:00:00"	9.12	193.3	8.43	17.1	6.755	200.9	10.73	12.93	46.02	47.47	-1.455	55.48	52.15	26.366	0	0	
"2013-12-24	22:00:00"	7.916	203.4	10.56	11.14	6.168	204.4	10.97	8.75	42.6	44.77	-2.174	61.16	56.68	26.364	0	0	
"2013-12-24	23:00:00"	7.325	211.1	12.5	11.74	5.897	209.6	14.61	9.35	40.4	42.92	-2.521	64.4	59.29	26.36	0	0	
"2013-12-25	00:00:00"	7.853	225.1	14.64	12.33	6.102	230.3	16.67	10.54	39.91	42.38	-2.468	65.17	60.3	26.367	0	0	
"2013-12-25	01:00:00"	8.76	242.9	14.66	13.52	6.548	250.4	18.12	11.14	39.58	41.63	-2.057	65.08	60.99	26.366	0	0	
"2013-12-25	02:00:00"	13.14	301.4	37.94	23.66	9.48	306.7	34.54	18.89	39.93	41.85	-1.915	65.76	61.45	26.39	0	0	
"2013-12-25	03:00:00"	22.45	6.412	11.36	34.4	17.74	4.874	16.21	29.63	40.66	43.28	-2.616	61.46	55.68	26.409	0	0	
"2013-12-25	04:00:00"	25.82	14.56	6.896	36.78	20.33	14.96	12.76	30.82	39.73	41.61	-1.878	63.49	58.29	26.423	0	0	
"2013-12-25	05:00:00"	23.03	18.89	6.238	32.61	18.17	20.66	11.36	29.63	38.76	40.14	-1.382	67.67	63.24	26.447	0	0	
"2013-12-25	06:00:00"	21.49	22.31	6.562	29.63	17.3	25.15	10.76	27.84	37.75	38.79	-1.034	70.38	66.49	26.462	0	0	
"2013-12-25	07:00:00"	19.23	20.27	6.542	27.84	15.27	22.38	11.63	24.26	37.15	37.86	-0.71	72.11	68.93	26.489	0	0	
"2013-12-25	08:00:00"	15.08	10.96	8.02	24.86	11.85	11.07	13.5	21.28	35.77	36.19	-0.414	73.84	71.76	26.525	1.8001	0	
"2013-12-25	09:00:00"	14.27	1.954	13.22	21.28	11.39	1.31	17.61	18.3	34.99	36.11	-1.118	76.49	75.27	26.554	84.007	0	
"2013-12-25	10:00:00"	18.6	5.317	12.15	26.05	14.71	5.349	18.44	23.66	37.69	40.8	-3.103	74.79	68.19	26.579	236.55	0	
"2013-12-25	11:00:00"	19.53	14.35	8.19	28.43	15.58	15.67	14.62	24.26	39.67	43.38	-3.708	69.85	61.43	26.602	373.99	0	
"2013-12-25	12:00:00"	16.9	17.2	9.64	23.66	13.8	19.13	16.18	20.09	41.16	44.75	-3.595	66.45	58.6	26.61	479.3	0	
"2013-12-25	13:00:00"	15.04	13.34	15	21.87	12.26	15.68	19.96	18.89	45.08	48.31	-3.224	57.88	51.72	26.596	581.45	0	
"2013-12-25	14:00:00"	13.08	14.86	13.93	20.68	10.89	15.99	20.24	18.89	46.79	51.05	-4.254	51.31	44.77	26.579	564.24	0	
"2013-12-25	15:00:00"	13.35	22.06	13.73	20.68	10.94	24.76	19.31	18.89	47.82	53.13	-5.301	45.55	38.08	26.566	504.65	0	
"2013-12-25	16:00:00"	12.49	38.95	13.92	20.09	10.23	43.46	16.06	17.7	48.16	52.89	-4.737	42.22	36.06	26.567	382.54	0	
"2013-12-25	17:00:00"	11.5	44.32	12.82	17.7	9.37	48.78	14.4	15.31	47.7	52.1	-4.392	41.81	36.22	26.572	218.44	0	
"2013-12-25	18:00:00"	8.57	56.44	12.23	14.72	6.406	61.03	13.07	12.93	46.09	49.23	-3.14	44.56	39.75	26.584	50.192	0	
"2013-12-25	19:00:00"	5.763	69.92	12.34	7.561	3.094	67.86	13.56	4.578	42.53	42.04	0.492	50.15	50.14	26.592	0.26378	0	
"2013-12-25	20:00:00"	5.485	64.37	13.13	6.368	3.197	41.05	24.64	4.578	40.93	38.84	2.09	53.97	56.06	26.602	0.0001	0	
"2013-12-25	21:00:00"	5.232	36.58	6.324	6.368	3.685	5.115	4.596	4.578	38.83	34.71	4.122	58.26	62.94	26.609	0.00106	0	
"2013-12-25	22:00:00"	6.405	23.68	4.46	7.561	3.584	8.54	3.058	4.578	37.76	32.56	5.202	60.24	67.39	26.62	0.00461	0	
"2013-12-25	23:00:00"	7.02	22.89	3.118	8.16	3.632	11.43	8.92	4.578	34.82	32.11	2.706	64.84	70.46	26.625	0.03004	0	
"2013-12-26	00:00:00"	6.706	12.24	3.06	8.16	3.491	7.576	7.505	4.578	33.75	30.66	3.085	68.13	71.19	26.623	0.05471	0	
"2013-12-26	01:00:00"	8.01	14.06	3.417	9.35	4.186	18.11	7.27	5.771	33.32	30.35	2.97	67.86	71.76	26.615	0.07687	0	
"2013-12-26	02:00:00"	7.941	15.34	3.533	9.95	4.412	16.81	7.411	6.368	31.63	29.67	1.959	69.1	72.6	26.607	0.10454	0	
"2013-12-26	03:00:00"	2.971	283.4	36.54	6.368	2.09	282.5	35.22	4.578	30.44	28.47	1.969	72.45	74.81	26.6	0.10493	0	
"2013-12-26	04:00:00"	5.515	293	7.968	7.561	2.718	312.2	6.755	4.578	29.25	25.79	3.455	75.68	75.86	26.589	0.13479	0	
"2013-12-26	05:00:00"	6.164	305.2	3.454	6.964	3.12	319.5	6.574	4.578	29.28	24.27	5.004	76.17	76.94	26.581	0.08977	0	
"2013-12-26	06:00:00"	6.445	303.5	2.888	8.75	3.452	317	4.846	5.771	29.9	24.97	4.922	76.91	78.52	26.574	0.04791	0	
"2013-12-26	07:00:00"	7.582	303.3	6.23	9.35	2.558	307.3	12.4	4.578	29.84	25.7	4.143	77.67	79.48	26.577	0.12356	0	
"2013-12-26	08:00:00"	8.76	304.6	3.638	10.54	4.092	316.1	8.22	5.771	29.77	27.57	2.194	79.03	80.9	26.579	1.3468	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-26	09:00:00"	7.716	304.5	8.24	10.54	4.135	312	11.6	6.964	30.61	30.24	0.36	80.2	81.7	26.585	89.95	0	
"2013-12-26	10:00:00"	7.365	270.8	15.23	11.14	5.434	277.4	15.32	9.35	35.29	36.45	-1.153	80.7	81	26.589	271.01	0	
"2013-12-26	11:00:00"	6.905	245.2	13.17	9.95	5.835	249.9	15.33	9.95	40.54	42.1	-1.566	74.55	69.46	26.592	425.98	0	
"2013-12-26	12:00:00"	6.742	225.6	19.21	11.14	5.867	228.7	21.87	9.95	44.48	47.72	-3.236	54.28	48.11	26.583	541.59	0	
"2013-12-26	13:00:00"	7.356	220.5	21.8	13.52	6.299	224.5	24.36	12.33	46.52	50.5	-3.983	46.37	40.31	26.556	598.28	0	
"2013-12-26	14:00:00"	7.043	217	21.81	12.93	5.913	220.9	24.55	11.74	47.93	53	-5.068	43.33	36.3	26.523	579.66	0	
"2013-12-26	15:00:00"	6.77	212.7	31.75	11.14	5.796	214.7	38.13	11.74	48.93	54.53	-5.607	40.28	33.68	26.502	520.2	0	
"2013-12-26	16:00:00"	5.329	210	32.08	11.14	4.616	214.8	36.56	9.95	49.1	52.15	-3.054	39.82	35.69	26.491	393.99	0	
"2013-12-26	17:00:00"	6.008	200.2	21.72	9.95	5.078	202.9	25.37	8.75	48.71	52.52	-3.812	40.78	35.96	26.487	230.35	0	
"2013-12-26	18:00:00"	7.896	174.2	10.58	11.74	6.271	174.1	13.51	9.35	47.39	49.92	-2.529	44.71	40.54	26.483	54.593	0	
"2013-12-26	19:00:00"	8.18	162.3	8.13	11.74	6.083	160.3	8.96	9.95	44.26	44.43	-0.168	49.28	47.99	26.485	0.30238	0	
"2013-12-26	20:00:00"	7.194	161.2	9.66	11.14	5.136	159.5	12.2	9.35	41.33	42.56	-1.224	52.26	49.61	26.496	0	0	
"2013-12-26	21:00:00"	5.938	134.6	11.1	9.35	3.553	107	27.17	6.964	39.86	39.97	-0.111	53.88	52.37	26.512	0	0	
"2013-12-26	22:00:00"	6.514	136.7	8.07	10.54	3.308	116.3	21.59	8.16	39.45	36.99	2.46	52.5	56.92	26.524	0	0	
"2013-12-26	23:00:00"	6.724	142.3	10.18	9.95	3.97	131	21.49	7.561	38.35	36.24	2.104	51.68	56.16	26.531	0.00662	0	
"2013-12-27	00:00:00"	6.701	145.5	9.18	9.95	4.313	139.9	18.74	6.964	38.08	36.98	1.106	52.01	53.9	26.544	0.00096	0	
"2013-12-27	01:00:00"	5.372	135.5	6.818	7.561	2.985	109.9	15.31	4.578	37.14	34.76	2.386	53.06	57.23	26.539	0.01487	0	
"2013-12-27	02:00:00"	5.979	138.7	4.957	7.561	2.989	116	9.57	4.578	37.89	34.64	3.251	51.3	57.05	26.535	0.03196	0	
"2013-12-27	03:00:00"	4.404	126.2	5.613	6.368	1.781	77.92	32.63	3.386	37.15	34.68	2.472	55.78	58.26	26.54	0.01036	0	
"2013-12-27	04:00:00"	5.002	109.5	11.95	7.561	2.514	75.4	21.18	4.578	36.85	34.13	2.716	57.49	60.76	26.542	0.02169	0	
"2013-12-27	05:00:00"	3.946	67.89	10.26	5.771	4.247	15.15	8.41	5.175	37.04	31.48	5.559	56.48	62.54	26.537	0.06459	0	
"2013-12-27	06:00:00"	2.095	75.35	27.08	3.386	4.343	12.58	6.738	5.771	38.04	30.63	7.41	53.96	66.37	26.531	0.08495	0	
"2013-12-27	07:00:00"	1.744	79.72	60.43	3.982	3.878	9.24	5.71	5.175	36.72	31.01	5.711	56.42	65.06	26.538	0.07497	0	
"2013-12-27	08:00:00"	5.236	15.85	9.22	6.964	4.48	11.77	6.706	5.771	35.73	26.52	9.2	58.3	67.76	26.547	1.4701	0	
"2013-12-27	09:00:00"	6.383	17.5	3.762	8.16	4.245	25.01	7.283	5.175	34.53	28.3	6.233	59.72	73.04	26.566	87.711	0	
"2013-12-27	10:00:00"	3.877	23.88	10.6	5.771	3.337	27.94	13.33	5.175	37.49	37.6	-0.112	63.63	65.55	26.587	264.87	0	
"2013-12-27	11:00:00"	2.576	90.9	58.53	4.578	2.256	107	52.22	4.578	43.44	44.62	-1.173	49.77	47.27	26.604	424.48	0	
"2013-12-27	12:00:00"	3.314	253.3	36.36	6.368	2.809	257.2	43.67	5.771	46.86	49.11	-2.248	42.11	38.62	26.599	540.9	0	
"2013-12-27	13:00:00"	3.484	259.3	81.7	7.561	3.11	263.8	86	7.561	48.5	50.78	-2.282	38.51	35.27	26.579	598.84	0	
"2013-12-27	14:00:00"	3.7	194.9	58.79	8.16	3.382	201.7	59.45	7.561	49.53	53.08	-3.553	35.64	31.4	26.548	582.31	0	
"2013-12-27	15:00:00"	3.07	140.1	91.4	6.964	2.858	139.7	87.4	6.368	50.15	53.94	-3.799	34.66	30.15	26.531	525.72	0	
"2013-12-27	16:00:00"	4.587	222	44.69	8.16	3.942	225	51.7	8.16	51.02	55.21	-4.197	32.54	28.11	26.526	366.96	0	
"2013-12-27	17:00:00"	4.771	196.9	21.19	9.35	3.985	199.5	25.58	8.75	50.64	53.14	-2.503	31.65	28.83	26.52	160.94	0	
"2013-12-27	18:00:00"	4.605	197.6	12.04	7.561	3.553	196.2	10.69	6.368	48.66	50.08	-1.422	35.39	33.93	26.51	39.083	0	
"2013-12-27	19:00:00"	4.878	180.4	14.29	7.561	3.163	178.7	16.74	5.175	46.2	46.08	0.112	36.38	37.1	26.503	0.45418	0	
"2013-12-27	20:00:00"	3.712	176.6	11.04	5.771	2.234	171.3	27.31	3.982	45	44.82	0.185	36.31	36.84	26.506	0	0	
"2013-12-27	21:00:00"	4.383	178.9	9.87	6.368	2.611	176	13.38	4.578	43.5	42.35	1.149	39.72	41.34	26.507	0	0	
"2013-12-27	22:00:00"	5.552	179.4	9.47	9.35	3.758	180.9	11.92	7.561	41.19	40.31	0.876	46.28	47.09	26.507	0	0	
"2013-12-27	23:00:00"	5.61	205.2	15.62	9.95	4.008	210.2	16.4	8.16	37.84	38.88	-1.041	59.17	55.69	26.506	0.0001	0	
"2013-12-28	00:00:00"	5.059	223.2	12.26	6.964	3.98	225.5	13.77	6.368	37.47	39.01	-1.538	65.72	61.75	26.498	0.00058	0	
"2013-12-28	01:00:00"	4.967	222	14.84	9.35	3.727	229.2	16.96	8.16	37.02	38.24	-1.22	69.14	64.69	26.473	0	0	
"2013-12-28	02:00:00"	5.485	226.2	16.01	8.75	4.638	230	20.36	7.561	38.04	40.07	-2.033	77.03	71.52	26.45	0.07167	0	
"2013-12-28	03:00:00"	5.074	234.3	15.66	8.75	4.141	238.8	18.81	7.561	37.87	40.14	-2.267	81.6	76.59	26.432	0.34541	0	
"2013-12-28	04:00:00"	6.734	220.5	14.78	12.93	5.575	222.1	17.14	9.95	38.83	41.77	-2.939	83.9	78.27	26.42	0.3454	0	
"2013-12-28	05:00:00"	7.621	208.1	14.94	11.74	6.306	208.8	15.2	10.54	39.03	41.71	-2.679	84.3	78.14	26.403	0.3454	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-28	06:00:00"	7.356	206.9	16.24	11.14	6	209	16.7	9.95	38.31	41.1	-2.789	84.5	78.22	26.387	0.3454	0
"2013-12-28	07:00:00"	7.691	209.7	15.22	12.33	6.279	211.7	17.6	11.14	37.79	39.06	-1.263	84.7	80.2	26.384	0.3454	0
"2013-12-28	08:00:00"	9.64	192.9	13.18	15.31	7.733	195.3	14.55	12.93	38.42	39.23	-0.809	84.9	81.5	26.376	0.86696	0
"2013-12-28	09:00:00"	10.6	191.7	11.73	17.1	8.45	194.9	13.53	13.52	39.21	38.79	0.418	84.9	82	26.369	20.88	0
"2013-12-28	10:00:00"	11.7	194.3	10.44	18.3	9.44	196.9	11.37	15.31	40.64	40.65	-0.008	85.2	83.3	26.365	85.922	0
"2013-12-28	11:00:00"	11.83	203.2	13.12	18.3	9.81	205.2	14.16	15.31	42.72	42.16	0.565	84.9	82.7	26.359	246.17	0
"2013-12-28	12:00:00"	11.12	213.7	13.72	17.7	9.49	215.4	15.66	17.7	44.98	44.53	0.456	82.2	76.09	26.337	483.7	0
"2013-12-28	13:00:00"	12.26	210	14.12	18.89	10.25	211.5	16.17	15.91	48.03	48.32	-0.29	67.62	62.98	26.294	598.37	0
"2013-12-28	14:00:00"	12.86	212.3	14.41	20.09	10.77	213.1	16.63	20.68	51.88	53.21	-1.333	53.55	49.64	26.243	581.89	0
"2013-12-28	15:00:00"	13.48	219.4	14.49	21.87	11.36	220.9	16.62	19.49	55.54	56.18	-0.639	37.45	35.06	26.197	526.69	0
"2013-12-28	16:00:00"	13.67	216.5	14.76	24.26	11.44	218.1	17.17	20.09	57.47	58.16	-0.685	31.93	29.85	26.165	403.95	0
"2013-12-28	17:00:00"	13.92	213.4	13.41	24.26	11.46	213.9	16.35	19.49	57.93	58.69	-0.759	30.52	28.47	26.149	237.11	0
"2013-12-28	18:00:00"	12.12	222.3	14.39	20.09	9.88	224.8	15.3	17.1	57.07	57.09	-0.016	29.18	27.74	26.138	57.595	0
"2013-12-28	19:00:00"	9.76	215.7	13.01	17.1	7.818	217.5	14.17	14.72	52.66	53.94	-1.278	33.99	31.83	26.136	0.17399	0
"2013-12-28	20:00:00"	7.455	201	9.59	10.54	5.559	202.8	9.88	8.16	47.5	48.05	-0.552	42.3	40.56	26.14	0	0
"2013-12-28	21:00:00"	6.59	210.7	11.98	10.54	5.02	207.4	13.42	8.16	45.66	45.38	0.289	48.17	47.6	26.143	0	0
"2013-12-28	22:00:00"	7.011	215.3	18.23	11.14	5.239	221.5	16.99	8.16	45.44	43.67	1.771	49.51	50.65	26.14	0	0
"2013-12-28	23:00:00"	6.822	211.9	11.94	10.54	4.912	207.4	14.15	8.75	43.76	42.11	1.648	52.92	54.37	26.135	0	0
"2013-12-29	00:00:00"	7.009	213.5	13.88	11.14	5.563	210.4	14.63	9.35	42.43	41.1	1.334	55.87	56.69	26.13	0	0
"2013-12-29	01:00:00"	6.487	214.2	13.03	11.14	4.846	212.6	15.76	9.35	41.78	39.25	2.523	57.88	60.47	26.124	0	0
"2013-12-29	02:00:00"	6.401	219.8	12.77	10.54	4.88	221.4	15.84	8.75	40.54	39.34	1.198	59.47	60.63	26.124	0	0
"2013-12-29	03:00:00"	6.809	224.1	14.61	9.95	5.136	226.2	17.7	8.75	39.99	38.69	1.301	62.77	64	26.125	0	0
"2013-12-29	04:00:00"	8.11	272.7	23.57	17.1	5.209	282.7	24.14	13.52	40.78	38.97	1.812	61.36	63.86	26.142	0	0
"2013-12-29	05:00:00"	19.91	352.6	17.15	35	15.53	351.5	17.67	30.82	42.44	43.41	-0.966	48.96	47.57	26.166	0	0
"2013-12-29	06:00:00"	27.02	7.623	11.42	40.36	21.14	6.836	16.72	35	37.83	40.83	-3.003	57.99	51.09	26.189	0	0
"2013-12-29	07:00:00"	26.89	12.47	9.13	39.17	21.17	12.83	17.2	34.4	35.29	38.17	-2.877	63.87	56.58	26.237	0	0
"2013-12-29	08:00:00"	24.74	15.42	8.05	35	19.52	16.78	14.25	29.03	33.87	36.83	-2.955	61.62	54.1	26.279	0.55946	0
"2013-12-29	09:00:00"	22.9	19.09	8.35	35	18.34	21.94	13.74	32.01	32.75	35.63	-2.884	61.9	54.69	26.324	24.459	0
"2013-12-29	10:00:00"	23.08	10.37	8.63	30.82	18.29	10.32	15.73	27.84	31.5	35.03	-3.532	59.26	51.12	26.374	90.663	0
"2013-12-29	11:00:00"	20.74	20.64	10.47	29.63	16.83	22.74	15.11	26.05	31.22	35	-3.784	57.1	49.06	26.404	217.74	0
"2013-12-29	12:00:00"	18.86	13.88	10.45	26.65	15.23	15.14	15.34	22.47	31.11	35.59	-4.479	54.2	45.38	26.419	258.4	0
"2013-12-29	13:00:00"	15.06	15.32	10.33	22.47	12.27	16.06	15.74	20.09	31.79	36.29	-4.502	50.83	42.3	26.421	256.47	0
"2013-12-29	14:00:00"	16.61	10.43	11.14	24.26	13.43	10.47	16.4	21.87	31.12	35.92	-4.799	49.34	40.56	26.397	235.23	0
"2013-12-29	15:00:00"	15.35	9.53	12.02	22.47	12.32	8.8	16.39	20.09	31.83	36.49	-4.667	47.75	39.43	26.396	210.81	0
"2013-12-29	16:00:00"	15.17	11.35	10.38	21.28	12.3	10.82	15.3	18.3	32.42	36.89	-4.471	45.85	38.2	26.402	148.48	0
"2013-12-29	17:00:00"	14.55	20.74	12.94	21.87	11.81	22.47	17.89	18.3	32.89	36.61	-3.716	43.05	36.86	26.407	80.121	0
"2013-12-29	18:00:00"	9.86	36.31	10.74	17.1	8.07	41.54	13.15	14.12	33.39	36.22	-2.828	42.23	37.47	26.416	22.588	0
"2013-12-29	19:00:00"	6.349	49.04	12.88	11.74	4.811	53.07	14.09	9.95	33.27	35.61	-2.342	42.58	38.7	26.429	0.18595	0
"2013-12-29	20:00:00"	4.789	26.36	10.87	6.368	2.894	13.71	16.87	4.578	30.51	31.15	-0.642	46.85	45.2	26.441	0.0309	0
"2013-12-29	21:00:00"	6.912	6.85	16.16	11.14	3.926	1.824	23.23	6.368	28.03	26.29	1.741	51.36	55.85	26.454	0.09542	0
"2013-12-29	22:00:00"	5.36	35.14	17.31	7.561	3.455	46.05	19.15	5.175	26.52	25.77	0.744	56.98	59.92	26.461	0.06615	0
"2013-12-29	23:00:00"	6.595	9.94	3.177	7.561	3.421	10.93	9.02	4.578	25.6	24.37	1.233	59.03	62.47	26.469	0.06855	0
"2013-12-30	00:00:00"	6.546	7.899	9.17	7.561	3.081	4.083	14.37	4.578	25.78	23.69	2.084	58.41	63.65	26.469	0.03687	0
"2013-12-30	01:00:00"	6.556	344.3	6.738	8.16	3.153	338.8	10.36	4.578	25.93	22.16	3.772	57.18	67.02	26.462	0.00355	0
"2013-12-30	02:00:00"	5.546	309.3	26.88	8.16	2.979	308.4	23.13	4.578	24.65	23.03	1.617	60.05	67.49	26.443	0.02151	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2013-12-30	03:00:00"	4.517	275.5	35.92	8.16	2.39	279.3	49.34	4.578	23.5	22.89	0.605	65.07	67.74	26.427	0.04283	0	
"2013-12-30	04:00:00"	4.514	243	22.03	7.561	3.373	246.5	32.39	6.368	23.13	22.41	0.723	68.01	69.84	26.414	0.00691	0	
"2013-12-30	05:00:00"	7.329	266.3	11.3	11.14	5.116	273.4	14.65	9.35	24.79	24.28	0.507	67.44	68.68	26.393	0.01949	0	
"2013-12-30	06:00:00"	6.628	259.7	8.31	10.54	4.805	269.4	10.16	8.16	26.22	25.15	1.067	62.46	63.02	26.367	0.05117	0	
"2013-12-30	07:00:00"	8.17	254.8	10.31	12.33	6.311	261	12.82	10.54	26.16	26.35	-0.191	60.18	60.7	26.367	0.04176	0	
"2013-12-30	08:00:00"	10.75	246.1	7.057	14.72	8.18	252.3	10.07	14.12	27.21	27.45	-0.232	60.36	59.59	26.378	1.3198	0	
"2013-12-30	09:00:00"	9.53	244	7.965	12.93	7.422	250.9	9.8	11.14	30.51	28.56	1.951	54.73	58.27	26.396	84.56	0	
"2013-12-30	10:00:00"	8.94	239.4	11.82	14.12	7.621	244.8	14.56	13.52	34.88	34.05	0.832	50.44	52.59	26.418	261.07	0	
"2013-12-30	11:00:00"	10.25	244.1	10.55	14.72	8.5	248.4	12.47	12.93	40.26	39.99	0.272	44.58	43.6	26.435	420.78	0	
"2013-12-30	12:00:00"	10.15	264	15.94	14.72	7.948	269.7	18.25	12.93	46.85	46.99	-0.146	36.14	34.98	26.445	538.93	0	
"2013-12-30	13:00:00"	10.53	295.2	16.1	19.49	7.242	300.3	17.22	14.72	51.38	53.64	-2.254	31.55	28.78	26.434	599.43	0	
"2013-12-30	14:00:00"	12.3	329.4	22.77	20.68	9.45	330.6	22.47	18.3	55.45	60.41	-4.961	23.5	19.78	26.409	586.27	0	
"2013-12-30	15:00:00"	13.19	351.9	16.26	20.68	10.76	351.7	17.99	18.89	56.67	62.62	-5.947	21.77	17.25	26.404	527.71	0	
"2013-12-30	16:00:00"	12.56	19.02	14.53	20.09	10.35	21.23	17.88	17.7	56.8	62.05	-5.252	21.27	17.12	26.413	402.22	0	
"2013-12-30	17:00:00"	13.8	36.62	10.61	22.47	11.13	40.5	13.53	19.49	54.79	59.47	-4.68	23.03	18.88	26.438	237.36	0	
"2013-12-30	18:00:00"	10.66	51.49	9.58	20.09	7.844	56.24	11.14	14.72	51.89	55.37	-3.481	25.53	21.96	26.464	60.148	0	
"2013-12-30	19:00:00"	8.65	56.09	4.937	11.74	4.91	55.88	8.84	8.16	46.66	46.87	-0.208	30.14	29.38	26.48	0.40695	0	
"2013-12-30	20:00:00"	11.15	46.57	7.725	14.72	7.811	50.05	10.12	11.14	44.53	44.71	-0.177	33.24	32.46	26.506	0	0	
"2013-12-30	21:00:00"	11.82	35.29	6.365	15.91	8.39	35.78	8.79	14.12	42.79	41.72	1.078	37.04	36.35	26.526	0	0	
"2013-12-30	22:00:00"	13.26	44.24	8.73	19.49	9.85	49.32	11.49	16.51	41.64	38.86	2.789	38.96	40.21	26.542	0	0	
"2013-12-30	23:00:00"	10.65	46.8	10.29	14.72	7.736	51.15	12.34	12.33	39.2	36.94	2.261	42.34	43.67	26.561	0	0	
"2013-12-31	00:00:00"	9.23	56.52	7.113	12.33	5.981	60.64	10.26	8.75	36.62	33.87	2.756	46.69	49.36	26.574	0.00019	0	
"2013-12-31	01:00:00"	8.87	51.46	7.983	11.74	5.749	55.11	12.2	8.16	35.4	32.47	2.929	49.48	51.8	26.571	0.00221	0	
"2013-12-31	02:00:00"	7.811	51.99	5.875	9.95	4.924	49.22	9.83	8.16	35.91	32.22	3.693	48.36	52.07	26.565	0.00883	0	
"2013-12-31	03:00:00"	8.9	58.98	9.16	10.54	5.44	58.53	11.13	7.561	36.37	32.76	3.612	48.82	52.28	26.558	0.00691	0	
"2013-12-31	04:00:00"	7.705	73.04	8.45	9.95	4.469	60.63	14.64	6.368	34.55	31.94	2.606	50.71	54.12	26.55	0.01344	0	
"2013-12-31	05:00:00"	5.226	324.8	59.93	9.95	3.82	336.3	52.6	9.35	33.82	30.83	2.99	53.81	57.16	26.538	0.02476	0	
"2013-12-31	06:00:00"	4.087	30.39	35.19	6.368	4.015	11.76	12.76	5.175	33.85	26.81	7.038	54.99	63.47	26.514	0.10147	0	
"2013-12-31	07:00:00"	2.588	53.12	52.96	4.578	3.6	359.1	20.14	5.175	34.45	26.4	8.05	54.24	66.1	26.512	0.11579	0	
"2013-12-31	08:00:00"	5.028	308.4	7.725	6.964	3.574	327.5	8.98	5.175	34.01	27.78	6.233	55.61	65.97	26.514	1.4076	0	
"2013-12-31	09:00:00"	4.444	296.6	11.54	6.964	2.416	319.7	18.03	4.578	35.05	29.78	5.266	53.98	67.53	26.522	84.139	0	
"2013-12-31	10:00:00"	3.114	272.7	22.21	5.175	2.419	276.7	23.52	4.578	36.38	38.76	-2.383	54.93	52.38	26.541	258.93	0	
"2013-12-31	11:00:00"	6.863	208.5	17.54	13.52	5.84	214.1	20.6	10.54	41.87	45.96	-4.09	46.95	40.82	26.548	417.11	0	
"2013-12-31	12:00:00"	11.8	192.5	11.97	16.51	9.64	195.7	14.71	14.72	46.65	50.38	-3.729	41.45	36.17	26.528	534.94	0	
"2013-12-31	13:00:00"	12.21	198.8	13.27	18.89	10.02	201.4	15.09	17.1	49.37	53.49	-4.116	38.9	33.63	26.49	595.74	0	
"2013-12-31	14:00:00"	13.41	205.7	13.82	21.87	11.12	208	16.04	17.7	51.47	54.95	-3.486	35.58	31.12	26.448	582.91	0	
"2013-12-31	15:00:00"	14.1	205.8	13.76	21.28	11.56	207.2	15.4	18.89	53.46	56.99	-3.53	31.94	27.73	26.411	525.69	0	
"2013-12-31	16:00:00"	13.66	204.3	12.91	21.87	11.36	205	14.04	17.7	54.72	58.07	-3.347	29.76	25.85	26.385	402.86	0	
"2013-12-31	17:00:00"	13.48	203.4	12.06	20.68	11.13	203.8	12.61	17.1	55.52	58.44	-2.927	27.46	24.09	26.374	240.32	0	
"2013-12-31	18:00:00"	10.45	200	10.19	15.91	8.35	202.1	10.47	12.93	53.85	55.67	-1.824	29.43	26.84	26.365	62.521	0	
"2013-12-31	19:00:00"	9.86	190.1	8.6	15.91	7.358	195.5	11.57	12.33	49.36	50.24	-0.883	34.73	32.87	26.352	0.44942	0	
"2013-12-31	20:00:00"	8.04	197.8	8.74	12.33	5.914	201.3	9.16	10.54	46.17	47.15	-0.984	38.82	36.95	26.353	0	0	
"2013-12-31	21:00:00"	7.717	205.5	11.22	11.14	5.98	203.3	10.99	8.75	44.17	45.65	-1.477	41.88	39.16	26.352	0	0	
"2013-12-31	22:00:00"	7.552	204.2	10.59	10.54	5.55	206	12.25	8.75	42.91	43.31	-0.397	46.43	44.28	26.346	0	0	
"2013-12-31	23:00:00"	6.458	210.7	12.14	11.14	5.049	206.6	14.12	8.16	40.75	41.08	-0.327	51.71	49.94	26.332	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-01	00:00:00"	6.26	215.1	12.91	9.95	4.971	214.5	14.45	8.75	39.12	39.1	0.018	56.49	55.1	26.326	0.0001	0	
"2014-01-01	01:00:00"	7.591	212.5	12.08	12.33	5.986	210.8	14.49	9.95	37.94	38.19	-0.251	60.02	59.04	26.31	0	0	
"2014-01-01	02:00:00"	8.34	214.7	11.17	11.14	6.743	218.9	13.79	9.95	37.24	37.9	-0.663	64.16	61.51	26.288	0	0	
"2014-01-01	03:00:00"	7.625	230.4	13.67	10.54	6.087	233.6	17.17	9.35	36.75	37.27	-0.515	66.4	64.37	26.275	0.00115	0	
"2014-01-01	04:00:00"	8.15	255	12.57	11.14	5.724	262.6	15.63	9.35	37.04	35.72	1.319	66.49	67.44	26.267	0.0001	0	
"2014-01-01	05:00:00"	6.662	234	11.31	9.35	4.82	235.5	14.16	8.16	37.65	35.66	1.987	65.75	67.78	26.257	0.00182	0	
"2014-01-01	06:00:00"	5.668	217.8	18.67	8.16	3.797	213.5	21.1	6.368	36.21	35.14	1.071	64.19	65.69	26.246	0.00547	0	
"2014-01-01	07:00:00"	6.059	213.2	13.34	9.35	4.547	213.2	16.74	7.561	34.89	33.7	1.194	67.23	68.66	26.248	0.00461	0	
"2014-01-01	08:00:00"	5.301	206.8	15.68	8.16	3.822	205.7	17.25	7.561	32.77	32.48	0.287	70.09	69.91	26.25	1.3866	0	
"2014-01-01	09:00:00"	7.415	214.7	20.27	11.74	5.645	219.1	23.43	10.54	34.47	33.69	0.785	68.79	69.04	26.26	84.276	0	
"2014-01-01	10:00:00"	7.974	232.4	11.26	11.74	6.834	237.4	14.07	10.54	40.93	39.61	1.325	59.21	59.72	26.281	258.82	0	
"2014-01-01	11:00:00"	9.09	251.7	12.85	18.3	7.294	254.6	15.47	15.91	48.5	48.84	-0.343	42.86	40.93	26.295	419.75	0	
"2014-01-01	12:00:00"	15.84	271.3	9.09	22.47	12.25	277.3	10.74	20.09	58.21	61.39	-3.185	24.49	21.73	26.285	539.57	0	
"2014-01-01	13:00:00"	15.16	268.1	10.88	24.26	11.84	274.3	11.87	18.89	62.59	64.94	-2.358	20.34	17.77	26.262	600.87	0	
"2014-01-01	14:00:00"	16.92	289.1	11.25	26.65	11.26	294.1	12.7	23.07	64.44	69.18	-4.741	18.43	14.85	26.238	586.17	0	
"2014-01-01	15:00:00"	18.01	292.4	14.07	33.8	11.92	297.6	15.57	26.05	66.32	71.33	-5.01	18.01	14.31	26.22	529.39	0	
"2014-01-01	16:00:00"	23.91	318.7	9.41	33.21	17.19	322.7	10.75	27.84	67.08	72.12	-5.039	17.16	13.18	26.225	408.37	0	
"2014-01-01	17:00:00"	20.21	318.1	9.67	32.01	14.26	322.3	10.7	23.66	66.86	70.79	-3.928	17.6	14.1	26.243	245.82	0	
"2014-01-01	18:00:00"	11.76	334	7.639	19.49	8.51	336.6	9.79	18.89	64.23	64.23	-0.003	19.33	18.06	26.27	64.31	0	
"2014-01-01	19:00:00"	16.42	31.88	11.5	24.86	12.94	35.08	14.59	22.47	58.75	57.63	1.127	26.08	25.56	26.317	0.49022	0	
"2014-01-01	20:00:00"	16.37	39.97	7.34	22.47	12.83	44.62	9.19	20.09	53.71	52.71	0.996	31.4	30.66	26.358	0	0	
"2014-01-01	21:00:00"	15.7	40.74	8.21	22.47	12.28	45.83	10.38	18.89	49.72	49.66	0.06	35.72	34.46	26.398	0	0	
"2014-01-01	22:00:00"	15.7	36.1	6.718	20.68	12.33	40.02	9.14	18.3	46.03	47.29	-1.263	40.83	37.69	26.425	0	0	
"2014-01-01	23:00:00"	17.83	33.77	6.489	29.63	14.21	37.69	8.62	25.45	43.76	43.31	0.451	47.49	46.29	26.454	0	0	
"2014-01-02	00:00:00"	22.69	31.94	7.116	32.01	18.41	36.08	9.54	28.43	40.98	41.42	-0.442	56.01	53.71	26.491	0	0	
"2014-01-02	01:00:00"	18.23	32.4	7.858	28.43	14.7	36.34	10.4	23.07	37.88	37.41	0.473	59.66	58.54	26.526	0	0	
"2014-01-02	02:00:00"	18.31	31.65	7.235	32.01	14.86	35.65	9.56	26.65	34.04	33.95	0.084	61.78	60.32	26.551	0.00067	0	
"2014-01-02	03:00:00"	13.17	26.13	8.18	22.47	10.5	28.39	11.28	19.49	32.71	31.53	1.174	64.52	64.81	26.575	0.00096	0	
"2014-01-02	04:00:00"	12.22	19.94	6.177	17.1	9.55	21.87	11.03	14.72	31.2	30.69	0.514	67.6	67.87	26.579	0.02323	0	
"2014-01-02	05:00:00"	9.57	8.08	10.64	17.7	7.217	5.958	14.05	14.72	29.09	29.41	-0.313	69.16	68.34	26.586	0.08629	0	
"2014-01-02	06:00:00"	9.16	339.1	12.71	12.93	6.474	338.8	11.42	9.95	27.37	27.03	0.348	71.2	70.65	26.593	0.10522	0	
"2014-01-02	07:00:00"	9.94	337.9	7.059	13.52	7.155	338.8	9.03	12.33	27.41	25.83	1.586	72.24	73.63	26.605	0.05828	0	
"2014-01-02	08:00:00"	8.29	332.8	6.514	11.74	5.593	334.4	9.01	8.75	25.45	24.74	0.713	72.74	74.02	26.612	1.4318	0	
"2014-01-02	09:00:00"	7.929	339.1	9.54	12.33	5.984	339.8	10.91	9.95	26.21	25.88	0.332	74.7	75.88	26.627	84.239	0	
"2014-01-02	10:00:00"	10.13	1.061	13.15	13.52	8.35	359.6	14.21	12.93	32.43	33.95	-1.523	68.14	63.82	26.651	260.93	0	
"2014-01-02	11:00:00"	6.443	16.1	22.33	11.14	5.546	19.21	27.22	10.54	36.8	38.89	-2.087	52.86	47.85	26.666	421.57	0	
"2014-01-02	12:00:00"	3.211	225	97.2	6.368	2.79	164.8	102.1	6.368	39.3	42.02	-2.726	46.84	41.62	26.66	542.14	0	
"2014-01-02	13:00:00"	4.167	194.4	54.92	9.35	3.699	197.4	59.42	9.35	41.07	44.6	-3.533	44.62	38.52	26.631	603.72	0	
"2014-01-02	14:00:00"	4.257	217.4	34.67	8.16	3.721	223.1	41.68	8.16	43.04	46.55	-3.514	38.54	33.64	26.592	592.85	0	
"2014-01-02	15:00:00"	5.696	219.9	25.75	11.14	4.982	224.7	29.54	11.14	45.48	48.08	-2.595	35.15	31.37	26.56	534.38	0	
"2014-01-02	16:00:00"	7.315	208.3	19	12.93	6.291	212.4	22.4	11.74	47.25	49.81	-2.566	31.24	27.75	26.543	412.85	0	
"2014-01-02	17:00:00"	9.88	188.8	16.32	14.72	8.08	190.8	18.51	14.12	47.83	50.61	-2.78	31.14	27.58	26.531	250.1	0	
"2014-01-02	18:00:00"	10.92	178.9	9.64	16.51	8.69	181	13.18	14.12	47.03	49.63	-2.597	33.05	29.69	26.528	68.896	0	
"2014-01-02	19:00:00"	8.31	172.5	6.17	12.33	6.276	170.9	8.5	9.95	42.96	44.67	-1.713	37.47	34.49	26.521	0.56158	0	
"2014-01-02	20:00:00"	9.23	174.5	6.043	12.33	7.021	171.7	7.679	9.95	41	42.93	-1.928	41.34	37.83	26.517	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-01-02	21:00:00"	8.98	166.6	7.834	12.93	6.74	165.3	8.8	9.95	39.19	39.2	-0.002	45.01	42.94	26.519	0	0
"2014-01-02	22:00:00"	9.31	166.5	7.468	12.33	7.003	166.1	8.76	11.14	38.71	35.9	2.816	45.58	48.12	26.519	0.00019	0
"2014-01-02	23:00:00"	9.13	172.5	5.755	11.74	6.802	170.1	7.158	9.35	35.83	33.92	1.912	50.22	52.09	26.516	0.00365	0
"2014-01-03	00:00:00"	8.22	166.6	7.572	12.93	5.948	166.3	8.62	11.14	34.89	32.8	2.085	52.06	54.27	26.506	0.03791	0
"2014-01-03	01:00:00"	6.903	160.2	8.62	11.14	4.854	161	9.18	7.561	33.21	32.03	1.183	55.01	55.97	26.487	0.02572	0
"2014-01-03	02:00:00"	6.645	160.3	8.57	10.54	4.767	161.1	9.12	8.75	32.83	31.82	1.01	56.38	57.11	26.47	0.05039	0
"2014-01-03	03:00:00"	5.656	170.7	13.69	8.16	3.645	171.1	18.34	5.771	32.13	31.11	1.02	58.03	58.94	26.459	0.04328	0
"2014-01-03	04:00:00"	6.558	189.1	7.32	9.95	4.467	193.8	10.1	6.964	32.12	31.01	1.11	59.1	60.12	26.441	0.11306	0
"2014-01-03	05:00:00"	8.28	188.5	8.98	13.52	5.875	196.6	12.45	10.54	33.18	30.99	2.199	58.76	61	26.42	0.05259	0
"2014-01-03	06:00:00"	7.274	197.6	10.18	10.54	5.317	203.7	10.79	9.35	32.88	31.38	1.499	60.02	60.69	26.409	0.02898	0
"2014-01-03	07:00:00"	6.805	195.5	9.71	10.54	4.902	198.3	10.72	7.561	33.47	31.31	2.155	59.01	60.98	26.4	0.0762	0
"2014-01-03	08:00:00"	8.47	193.3	8.58	12.33	6.264	198.3	10.39	9.95	32.37	30.14	2.229	60.67	63.61	26.391	1.3945	0
"2014-01-03	09:00:00"	7.569	189.7	9.47	14.12	5.728	195.5	12.46	12.33	31.21	30.42	0.785	63.74	64.38	26.395	90.945	0
"2014-01-03	10:00:00"	13.54	187.1	8.35	23.07	10.9	190.7	12.16	20.09	38.16	36.68	1.472	56.82	56.15	26.394	267.09	0
"2014-01-03	11:00:00"	15.59	187.8	9.14	21.87	12.58	190.6	12.69	17.7	43.84	42.83	1.004	44.53	44.85	26.387	396.97	0
"2014-01-03	12:00:00"	15.38	192.4	9.6	21.28	12.41	195.9	12.52	18.3	46.65	47.57	-0.916	40.69	38.14	26.362	527.68	0
"2014-01-03	13:00:00"	14.81	195.7	11.24	23.66	12.03	198.2	12.87	20.68	50.79	52.65	-1.861	36.07	32.97	26.316	553.7	0
"2014-01-03	14:00:00"	18.41	197.3	10.82	26.05	14.76	199.9	12.07	24.26	54.56	56.18	-1.615	33.65	30.72	26.268	568.41	0
"2014-01-03	15:00:00"	17.18	206.3	14.36	26.05	14	207.4	16	22.47	57.03	58.43	-1.398	33.37	30.62	26.231	520.51	0
"2014-01-03	16:00:00"	16.12	207.1	13.47	25.45	13.22	207.1	15.36	21.87	59.74	60.28	-0.544	31.89	29.8	26.214	417.01	0
"2014-01-03	17:00:00"	16.82	203.1	11.13	25.45	13.87	202.9	11.87	21.87	60.13	60.89	-0.761	31.65	29.5	26.196	257.91	0
"2014-01-03	18:00:00"	14.46	198.4	9.78	25.45	11.65	200.9	9.7	21.28	59.95	59.63	0.317	32.32	31.14	26.182	65.22	0
"2014-01-03	19:00:00"	11.62	186.7	11.59	20.09	8.78	190.6	15.15	16.51	54.11	53	1.11	35.66	35.32	26.178	0.53893	0
"2014-01-03	20:00:00"	12.63	182.6	10.55	20.09	9.71	186.7	14.74	17.7	51.82	48.82	2.995	35.38	36.99	26.17	0	0
"2014-01-03	21:00:00"	9.69	197.6	9.13	14.12	7.439	201.8	9.55	11.74	46.17	44.26	1.908	41.3	42.28	26.162	0	0
"2014-01-03	22:00:00"	8.58	202.5	10.68	14.12	6.771	202.8	10.19	10.54	43.15	41.3	1.844	46.34	46.92	26.153	0	0
"2014-01-03	23:00:00"	8.06	207.4	13.05	12.93	6.472	208.9	14.19	11.14	41.59	40.26	1.329	48.81	49.46	26.155	0	0
"2014-01-04	00:00:00"	7.843	220.2	12.52	12.33	6.559	222.8	11.98	10.54	41.38	38.49	2.889	50.41	52.7	26.153	0	0
"2014-01-04	01:00:00"	7.683	231.7	10.55	11.14	5.936	237.9	11.99	8.75	39.21	37.11	2.097	53.39	55.9	26.142	0	0
"2014-01-04	02:00:00"	6.819	228.8	11.55	11.74	6.276	234.1	13.22	10.54	37.95	35.89	2.066	56.62	58.19	26.125	0.00029	0
"2014-01-04	03:00:00"	7.424	233.2	10.25	11.14	6.062	237.7	12.32	8.75	37.3	35.35	1.949	57.24	59.3	26.125	0	0
"2014-01-04	04:00:00"	7.279	229.8	11.17	11.74	6.019	231.3	14.92	11.14	37.69	35.25	2.44	56.52	59.26	26.123	0.00019	0
"2014-01-04	05:00:00"	7.777	220	12.35	11.74	6.315	221.4	13.22	10.54	36.38	34.59	1.797	59.13	60.55	26.112	0.00557	0
"2014-01-04	06:00:00"	6.481	203.2	14.82	11.14	4.886	200.5	14.87	8.75	34.43	35.86	-1.433	62.2	60.54	26.109	0.00355	0
"2014-01-04	07:00:00"	5.653	178.7	10.13	8.16	3.689	179.4	11.98	5.175	34.63	35.15	-0.518	63	60.72	26.105	0.0713	0
"2014-01-04	08:00:00"	8.65	196	11.68	12.33	6.458	196.3	11.16	10.54	35.74	35.31	0.435	60.99	60.84	26.112	1.4881	0
"2014-01-04	09:00:00"	8.87	203.2	9.27	12.93	7.208	200.7	8.65	10.54	36.29	37.13	-0.839	60.66	58.49	26.125	80.821	0
"2014-01-04	10:00:00"	7.725	208.2	11.97	12.93	6.481	208.5	14.38	11.14	41.3	43.91	-2.606	56.56	52.67	26.136	235.47	0
"2014-01-04	11:00:00"	7.475	220.9	16.81	12.33	6.307	223.8	20.61	11.74	48.71	51.57	-2.866	45.16	40.58	26.143	311.05	0
"2014-01-04	12:00:00"	11.11	230.7	13.96	20.09	9.34	234.5	16.98	18.89	55.11	58.03	-2.925	37.18	33.92	26.123	432.1	0
"2014-01-04	13:00:00"	13.27	236.1	11.99	21.87	11.16	241.2	13.98	20.68	60.2	62.16	-1.967	30.66	27.91	26.082	324.36	0
"2014-01-04	14:00:00"	11.2	217.3	15.03	18.89	9.24	219	17.73	17.1	59.55	63.3	-3.752	31.28	27.25	26.049	307.21	0
"2014-01-04	15:00:00"	16.18	245.8	11.06	24.26	13.24	251.7	13.28	23.07	62.98	66.19	-3.208	24.83	21.64	26.028	361.47	0
"2014-01-04	16:00:00"	15.41	241.3	11.59	25.45	12.79	247.3	13.68	21.87	65.67	67.91	-2.24	20.86	18.24	26.014	232.31	0
"2014-01-04	17:00:00"	13.2	237.3	11.82	23.07	11.02	243.5	13.19	20.09	64.82	66.78	-1.955	20.65	18.23	26.01	112.5	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-04	18:00:00"	10.24	233.3	13.39	18.3	8.2	237.2	16.53	15.91	62.23	64.93	-2.694	21.85	19.13	26.005	33.002	0	
"2014-01-04	19:00:00"	10.7	235	11.96	18.89	8.66	239.9	14.47	17.1	61.22	62.49	-1.269	22.48	20.41	26.002	0.18552	0	
"2014-01-04	20:00:00"	10.07	235	14.68	18.89	8.03	242.3	18.67	17.7	58.92	59.28	-0.365	24.44	23	26.007	0	0	
"2014-01-04	21:00:00"	8.89	260.2	11.29	12.93	6.398	270	13.54	11.74	56.04	55.08	0.963	27	26.66	26.02	0	0	
"2014-01-04	22:00:00"	8.61	263.8	7.46	12.33	6.15	271.3	10.87	10.54	55.32	53.57	1.751	27.8	27.81	26.042	0	0	
"2014-01-04	23:00:00"	7.967	253.7	10.03	11.14	5.344	257.1	10.53	8.16	55.08	52.18	2.908	27.79	29.16	26.048	0	0	
"2014-01-05	00:00:00"	25.69	22.61	22.95	37.98	20.61	25.58	23.38	33.21	40.8	41.91	-1.108	52.29	47.9	26.117	0	0	
"2014-01-05	01:00:00"	22.8	26.78	7.287	33.8	18.4	30.5	10.63	29.62	34.39	35.03	-0.644	66.97	63.46	26.166	0.0001	0	
"2014-01-05	02:00:00"	23.28	22.37	7.605	35	18.78	25.17	12.22	28.43	33.99	34.64	-0.649	66.33	63.67	26.204	0.00048	0	
"2014-01-05	03:00:00"	20.85	18.16	7.26	30.22	16.6	19.75	12.95	25.45	32.62	32.99	-0.367	64.43	61.91	26.25	0.00077	0	
"2014-01-05	04:00:00"	19.67	14	7.81	29.63	15.5	15.07	14.51	26.05	30.71	30.91	-0.193	60.77	58.75	26.276	0.00777	0	
"2014-01-05	05:00:00"	14.8	18.74	7.201	22.47	11.75	21.05	12.65	20.68	29.04	28.13	0.908	57.14	56.96	26.291	0.02831	0	
"2014-01-05	06:00:00"	12.54	9.29	9.7	20.68	9.9	9.19	19.68	18.89	27.74	26.43	1.307	58.64	59.72	26.312	0.05654	0	
"2014-01-05	07:00:00"	10.89	2.658	12.23	17.1	8.42	1.605	23.2	14.72	25.89	24.96	0.927	61.02	62.38	26.335	0.10839	0	
"2014-01-05	08:00:00"	12.67	9.07	9.41	20.09	9.89	9.65	22.13	17.7	23.94	25.44	-1.505	62.54	61.46	26.365	1.0653	0	
"2014-01-05	09:00:00"	10.31	7.572	11.74	19.49	8.37	7.416	20.9	17.7	24.13	27.83	-3.702	61.64	54.78	26.402	86.674	0	
"2014-01-05	10:00:00"	12.36	14.71	10.75	21.28	10.11	16.42	19.56	18.3	26.26	30.29	-4.024	56.32	47.68	26.448	249.22	0	
"2014-01-05	11:00:00"	9.38	8.21	16.04	14.72	7.871	9.57	25.44	14.12	28.81	32.99	-4.173	50.08	42.15	26.475	399.6	0	
"2014-01-05	12:00:00"	7.029	15.87	23.51	11.74	6.032	17.33	31.29	11.74	32.65	36.09	-3.439	42.86	37.02	26.481	536.89	0	
"2014-01-05	13:00:00"	5.644	19.8	31.58	13.52	4.886	23.73	37.55	13.52	35.27	40.02	-4.742	36.97	31.4	26.453	586.38	0	
"2014-01-05	14:00:00"	5.824	48.54	46.63	10.54	4.925	55.03	49.46	10.54	37.56	42.31	-4.748	32.88	27.37	26.429	567.84	0	
"2014-01-05	15:00:00"	5.337	20.16	43.27	11.74	4.567	27.01	49.16	11.14	38.46	43.54	-5.076	30.4	25.14	26.419	472.52	0	
"2014-01-05	16:00:00"	6.283	30.9	31.75	14.12	5.386	36.42	37.2	11.74	39.32	43.82	-4.499	28.78	24.05	26.416	337.77	0	
"2014-01-05	17:00:00"	6.248	42.46	25.62	16.51	5.296	46.45	28.24	13.52	38.61	41.86	-3.251	28.82	24.96	26.422	166.27	0	
"2014-01-05	18:00:00"	4.902	79.52	19.12	7.561	3.478	84	20.22	5.771	37.22	38.67	-1.452	29.46	27.38	26.433	40.793	0	
"2014-01-05	19:00:00"	7.556	97.5	8.8	9.95	4.113	99.2	6.652	5.771	34.83	34.06	0.766	31.14	31.87	26.448	0.32928	0	
"2014-01-05	20:00:00"	8.57	108.9	5.381	10.54	4.645	102	8.03	6.964	32.92	30.22	2.695	33.96	36.72	26.471	0.01632	0	
"2014-01-05	21:00:00"	8.73	101.9	4.031	9.95	4.727	96.3	6.324	6.368	31.64	28.22	3.418	36.47	40.35	26.487	0.06691	0	
"2014-01-05	22:00:00"	8.33	105.9	3.353	9.95	4.547	99.1	6.763	5.771	29.18	26.14	3.046	40.09	44.78	26.502	0.10254	0	
"2014-01-05	23:00:00"	11.36	88.1	8.59	16.51	8.09	88.2	8.73	14.72	27.77	25.8	1.97	43.04	46	26.527	0.11924	0	
"2014-01-06	00:00:00"	14.38	80	7.118	20.09	10.82	82.4	9.05	17.1	26.25	24.55	1.695	38.81	39.31	26.557	0.12529	0	
"2014-01-06	01:00:00"	14.99	72.13	8.45	24.86	11.53	74.79	9.48	20.09	24	22.31	1.695	40.86	41.83	26.582	0.09322	0	
"2014-01-06	02:00:00"	16.72	67.65	8.05	24.86	12.82	71.47	9.87	20.09	21.14	20.47	0.674	44.24	44.14	26.604	0.0675	0	
"2014-01-06	03:00:00"	15.22	62.66	9.07	23.66	11.59	66.95	10.94	18.89	19.22	20.16	-0.942	47.32	44.58	26.624	0.00125	0	
"2014-01-06	04:00:00"	13.25	56.42	9.15	18.89	10.02	60.56	11.09	15.91	18.03	18.6	-0.573	49.72	46.96	26.653	0.0001	0	
"2014-01-06	05:00:00"	10.31	63.13	9.93	18.3	7.861	67.44	11.62	15.91	16.56	17.15	-0.587	51.15	48.31	26.66	0	0	
"2014-01-06	06:00:00"	9.4	48.12	9.07	14.72	7.38	53.43	10.23	12.33	15.5	15.3	0.196	53.65	51.91	26.672	0	0	
"2014-01-06	07:00:00"	9.03	47.52	8.94	14.72	7.192	52.38	10.12	11.74	12.84	14.36	-1.524	57.62	54.67	26.686	0	0	
"2014-01-06	08:00:00"	6.308	42.29	9.79	9.35	5.033	47.05	11.29	9.35	11.76	13.22	-1.456	60.52	56.95	26.709	0.5745	0	
"2014-01-06	09:00:00"	7.698	46.27	12.43	11.14	6.271	50.04	13.69	9.35	12.05	14.92	-2.875	62.54	58.58	26.723	73.366	0	
"2014-01-06	10:00:00"	6.86	70.39	17.46	11.14	5.738	74.2	18.51	9.35	15.97	19.07	-3.1	58.43	50.21	26.734	265.2	0	
"2014-01-06	11:00:00"	6.27	108.1	25.19	11.14	5.385	111.9	26.18	9.35	20.95	21.1	-0.145	45.75	41.05	26.742	427.49	0	
"2014-01-06	12:00:00"	7.781	137.4	17.74	11.74	6.71	140.3	18.07	11.74	24.4	25.13	-0.729	37.12	34.46	26.728	548.29	0	
"2014-01-06	13:00:00"	8.77	180.4	19.8	15.31	7.518	181.9	22.99	14.12	26.72	28.29	-1.574	34.14	30.94	26.693	611.44	0	
"2014-01-06	14:00:00"	7.823	189.5	20.87	13.52	6.754	193.7	25.53	12.33	29.28	30.72	-1.436	31.07	28.06	26.656	606.74	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-06	15:00:00"	7.696	196.7	23.92	14.12	6.689	198.8	27.28	13.52	31.66	32.87	-1.213	29.16	26.55	26.631	538.04	0
"2014-01-06	16:00:00"	8.91	193.2	24	15.91	7.562	196	27.62	13.52	32.51	34.05	-1.544	28.48	25.67	26.617	424.67	0
"2014-01-06	17:00:00"	10.7	183.6	12.54	15.91	8.84	186.1	14.98	14.72	32.56	34.34	-1.783	28.25	25.22	26.615	262.54	0
"2014-01-06	18:00:00"	10.09	184.4	9.66	14.72	8.14	186.3	13.32	13.52	32.08	32.96	-0.884	29.13	26.78	26.61	78.852	0
"2014-01-06	19:00:00"	8.33	183.1	8.04	12.33	6.618	185.3	10.44	10.54	29.83	29.19	0.636	30.44	29.64	26.604	0.90976	0
"2014-01-06	20:00:00"	7.548	186.3	7.237	12.33	5.59	191.9	10.62	9.95	27.29	26.31	0.981	32.71	32.97	26.604	0.10003	0
"2014-01-06	21:00:00"	6.42	187.3	9.95	10.54	4.688	191.8	14.81	8.75	25.76	24.39	1.369	34.39	35.04	26.614	0.1251	0
"2014-01-06	22:00:00"	5.499	183.5	8.94	8.75	4.049	184.5	11.3	6.964	24.08	22.63	1.45	35.88	36.93	26.608	0.02919	0
"2014-01-06	23:00:00"	7.355	180.7	7.66	13.52	5.66	182	10.01	10.54	24.15	22.55	1.593	36.07	37.12	26.604	0.00931	0
"2014-01-07	00:00:00"	6.148	198.2	11.04	10.54	4.581	199.1	10.16	8.75	22.53	21.61	0.919	37.6	38.43	26.6	0.00144	0
"2014-01-07	01:00:00"	5.244	206	11.79	7.561	3.96	203.9	11.98	6.368	20.74	20.26	0.479	41.39	41.11	26.584	0	0
"2014-01-07	02:00:00"	5.688	186.6	9.73	8.16	4.138	189.9	12.31	6.368	21.37	20.54	0.832	41.11	41.32	26.561	0.0001	0
"2014-01-07	03:00:00"	7.026	179.5	7.483	10.54	5.362	179.5	8.8	8.16	20.83	20.7	0.133	41.22	40.85	26.548	0.00029	0
"2014-01-07	04:00:00"	6.383	175.7	7.598	9.95	4.825	176.8	9.5	8.75	21.61	20.26	1.346	40.81	41.43	26.538	0.00038	0
"2014-01-07	05:00:00"	5.765	184.8	8.69	8.75	4.274	188.2	11.94	6.964	20.76	19.5	1.258	43.1	43.95	26.526	0.0001	0
"2014-01-07	06:00:00"	5.942	179.2	8.58	8.75	4.326	181.8	9.86	6.964	20.32	19.21	1.108	44.74	45.68	26.511	0	0
"2014-01-07	07:00:00"	6.912	187.2	7.872	11.14	5.151	192	11.66	8.16	20.88	20.11	0.761	46.91	48.01	26.499	0.00077	0
"2014-01-07	08:00:00"	5.881	196.2	12.75	9.95	4.374	201.4	12.44	8.16	18.97	19.61	-0.643	51.58	49.87	26.497	1.2691	0
"2014-01-07	09:00:00"	7.162	190.9	10.88	10.54	5.79	190.9	11.51	9.35	20.18	21.14	-0.96	56.89	54.25	26.484	86.494	0
"2014-01-07	10:00:00"	7.887	203.1	12.92	11.74	6.697	206.2	14.82	11.74	25.3	27.73	-2.422	54.13	49.18	26.49	265.06	0
"2014-01-07	11:00:00"	8.6	203.6	14.37	15.31	7.298	206	17.25	15.31	30.26	33.65	-3.394	44.49	38.46	26.483	428.44	0
"2014-01-07	12:00:00"	10.16	207	12.8	14.72	8.61	209.7	15.94	13.52	35.68	39.99	-4.303	36.61	31.16	26.467	552.65	0
"2014-01-07	13:00:00"	10.45	212	14.78	17.1	8.89	214.9	16.82	14.12	40.79	44.59	-3.798	31.4	26.62	26.426	590.93	0
"2014-01-07	14:00:00"	9.78	208.7	16.12	15.91	8.24	210.3	18.64	13.52	44.51	48.51	-4	27.58	23.13	26.385	587.3	0
"2014-01-07	15:00:00"	9.94	210	15.94	15.31	8.45	211.7	19.26	14.12	47.39	50.49	-3.103	25.6	21.78	26.355	534.61	0
"2014-01-07	16:00:00"	11.86	199.1	13.94	17.1	9.73	201.1	15.95	15.91	47.79	48.56	-0.771	25.13	22.84	26.337	346.63	0
"2014-01-07	17:00:00"	10.75	194.4	10.84	15.31	8.65	197.4	12.61	13.52	46.97	46.57	0.403	26.7	25.26	26.331	209.9	0
"2014-01-07	18:00:00"	8.98	189.3	8.7	15.91	6.845	193.3	11.89	13.52	46.72	45.28	1.442	28.39	27.85	26.314	77.42	0
"2014-01-07	19:00:00"	9.13	174.5	8.57	14.72	6.634	174.8	11.82	11.74	43.56	41.09	2.463	32.15	32.86	26.3	0.69134	0
"2014-01-07	20:00:00"	9.88	172.4	8.69	15.31	7.274	170.2	9.79	11.74	42.59	38.93	3.658	34.18	36.15	26.302	0	0
"2014-01-07	21:00:00"	9.21	186.2	13.58	13.52	6.846	189.4	15.23	10.54	40.74	36.84	3.895	36.27	39.21	26.301	0	0
"2014-01-07	22:00:00"	8.17	192.1	13.75	12.33	5.921	198.3	16.02	9.35	36.7	33.13	3.57	40.59	44.33	26.286	0.0001	0
"2014-01-07	23:00:00"	7.615	207.2	14.11	11.74	6.008	210.8	15.45	9.95	33.16	31.75	1.407	46.84	47.63	26.278	0.00672	0
"2014-01-08	00:00:00"	7.56	218.4	13.82	11.74	6.273	218.7	15.02	10.54	31.6	30.75	0.855	50.86	50.78	26.268	0.01852	0
"2014-01-08	01:00:00"	7.349	209.9	12.06	11.14	5.862	209.3	14.27	9.95	30.94	30.38	0.555	54.59	54.11	26.251	0.01238	0
"2014-01-08	02:00:00"	7.64	214.9	15.04	11.74	6.145	218	14.31	9.95	31.09	30.18	0.916	56.14	56.07	26.233	0.02284	0
"2014-01-08	03:00:00"	7.417	221.6	13.4	11.14	6.084	223.4	16.23	9.95	30.16	29.56	0.6	58.41	58.34	26.23	0.01372	0
"2014-01-08	04:00:00"	7.815	234.7	14.94	11.74	6.093	239.6	18.18	9.35	31.23	29.92	1.308	60.94	61.23	26.229	0.01449	0
"2014-01-08	05:00:00"	7.733	233.4	11.31	11.74	6.169	239.3	13.19	9.35	31.55	30.32	1.232	61.45	62.77	26.226	0.02313	0
"2014-01-08	06:00:00"	8.25	232.6	10.65	12.93	6.812	239.4	12.91	10.54	31.87	30.61	1.265	63.69	64.8	26.223	0.00557	0
"2014-01-08	07:00:00"	7.001	236	10.19	9.95	5.782	242.5	11.65	9.35	31.84	31.2	0.635	65.13	65.46	26.226	0.00173	0
"2014-01-08	08:00:00"	7.392	234.1	10.29	10.54	6.086	240.9	11.95	9.95	33.56	31.6	1.953	65.19	66.03	26.244	0.31149	0
"2014-01-08	09:00:00"	6.532	253.9	10.09	8.16	4.787	261.5	13.48	7.561	33.82	31.93	1.887	63.71	65.91	26.262	20.248	0
"2014-01-08	10:00:00"	5.394	253.7	17	8.16	4.215	253.4	19.3	6.368	35	34.69	0.305	61.25	60.46	26.287	106.65	0
"2014-01-08	11:00:00"	6.163	256.5	11.35	8.75	4.869	259	13.68	8.16	39.2	39.41	-0.213	54.09	52.19	26.301	296.78	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-08	12:00:00"	7.044	257.1	17.51	12.33	5.828	260.9	19.54	12.93	49.96	51.33	-1.378	36.68	33.85	26.295	552.75	0
"2014-01-08	13:00:00"	10.43	295.7	17.43	18.3	7.359	300.8	18.34	15.91	58.71	61.6	-2.884	20.69	18.02	26.27	618.53	0
"2014-01-08	14:00:00"	7.242	272.8	23.12	15.91	5.71	276.4	25.33	14.72	60.47	62.59	-2.117	17.94	15.45	26.24	617.11	0
"2014-01-08	15:00:00"	7.033	262.4	19.92	12.93	5.658	267.6	24.13	11.14	62.14	63.86	-1.712	16.27	13.96	26.22	539.47	0
"2014-01-08	16:00:00"	5.105	278	32.54	12.33	4.038	282	36.21	9.95	62.86	64.23	-1.364	15.63	13.47	26.221	427.3	0
"2014-01-08	17:00:00"	4.652	272.4	28.83	9.35	3.671	275.4	32.26	7.561	62.72	63.83	-1.109	15.37	13.36	26.231	263.86	0
"2014-01-08	18:00:00"	3.672	272.2	14.18	7.561	2.201	279	16.8	5.771	61.7	61.18	0.524	15.74	14.87	26.242	80.545	0
"2014-01-08	19:00:00"	5.041	110.8	81.2	11.14	3.215	81.6	76.52	6.964	59.43	55.11	4.327	16.74	18.55	26.25	0.94337	0
"2014-01-08	20:00:00"	8.59	82.9	16.86	11.14	4.897	67.81	22.5	6.964	55.91	50.42	5.488	18.43	21.61	26.266	0	0
"2014-01-08	21:00:00"	12	47.24	9.63	18.89	8.66	50.23	12.22	15.91	49.53	48.31	1.225	28.29	28.21	26.298	0	0
"2014-01-08	22:00:00"	12.98	46.28	9.92	18.3	9.92	50.95	11.61	16.51	44	44.95	-0.948	37.12	34.68	26.317	0	0
"2014-01-08	23:00:00"	10.77	55.06	8.48	15.31	7.498	59.32	10.17	12.33	40.33	41.2	-0.877	42.79	39.68	26.321	0	0
"2014-01-09	00:00:00"	11.94	50.23	8.31	17.1	8.7	55.2	10.09	14.72	38.22	38.11	0.103	46.4	44.36	26.326	0.0001	0
"2014-01-09	01:00:00"	13.72	45.88	8.03	18.3	10.31	50.6	9.77	15.31	36.8	34.53	2.27	48.88	50.2	26.329	0.00173	0
"2014-01-09	02:00:00"	13.72	39.73	6.075	17.7	10.68	43.26	7.572	15.31	32.44	31.43	1.004	55.64	55.6	26.321	0.00413	0
"2014-01-09	03:00:00"	13.02	41.21	6.675	17.1	10.1	44.32	8.17	15.91	31.81	29.57	2.243	57.7	59.06	26.317	0.00854	0
"2014-01-09	04:00:00"	12.06	33.77	7.08	15.91	9.47	37.53	9.02	15.31	30.38	28.42	1.958	60.38	61.67	26.317	0.04626	0
"2014-01-09	05:00:00"	10.28	12.97	6.85	14.72	7.59	12.4	17.34	11.74	28.23	26.34	1.886	62.75	64.87	26.326	0.07459	0
"2014-01-09	06:00:00"	9.57	12.84	6.652	13.52	6.932	13.22	16.77	11.14	26.68	24.59	2.084	65.81	68.67	26.316	0.11684	0
"2014-01-09	07:00:00"	10.41	15.55	6.201	13.52	7.667	16.75	14.3	10.54	25.96	24.84	1.122	67.47	69.25	26.313	0.142	0
"2014-01-09	08:00:00"	7.721	4.351	10.71	10.54	5.4	3.331	25.39	8.16	24.86	23.59	1.271	69.46	70.92	26.323	1.3619	0
"2014-01-09	09:00:00"	8.07	10.62	8.5	12.33	6.206	11.55	19.41	9.95	26.29	26.25	0.04	70.49	71.52	26.337	74.523	0
"2014-01-09	10:00:00"	5.715	26.06	18.67	8.16	4.906	31.08	25.06	7.561	31.87	32.96	-1.089	65.42	61.48	26.354	246.21	0
"2014-01-09	11:00:00"	5.759	152.8	24.98	10.54	4.875	154.2	25.5	8.75	38.14	39.8	-1.662	54.54	49.84	26.359	359.11	0
"2014-01-09	12:00:00"	8.01	198	19.98	12.93	6.875	199.4	22.39	11.74	42.65	44.48	-1.83	48.84	44.32	26.344	433.71	0
"2014-01-09	13:00:00"	7.623	213	14.85	11.74	6.519	217.4	17.63	11.74	44.71	46.22	-1.505	47.34	43.24	26.303	445.43	0
"2014-01-09	14:00:00"	7.737	210.5	14.12	11.74	6.557	212.9	17.73	10.54	49.52	50.54	-1.014	40.59	37.65	26.261	399.63	0
"2014-01-09	15:00:00"	9.28	209.6	14.12	15.91	7.869	210.9	16.47	14.12	53.19	54.07	-0.879	35.18	32.78	26.228	438.62	0
"2014-01-09	16:00:00"	9.11	207.3	14.27	14.12	7.553	209.1	15.83	12.93	55.91	56.48	-0.572	30.38	28.29	26.209	282.58	0
"2014-01-09	17:00:00"	9.43	188.8	11.21	14.72	7.593	190.8	13.63	13.52	57.23	57.39	-0.16	28.31	26.65	26.2	202.32	0
"2014-01-09	18:00:00"	5.335	182.8	8.12	9.35	3.639	188.3	15.3	7.561	54.53	53.7	0.829	31.22	30.7	26.199	28.705	0
"2014-01-09	19:00:00"	4.586	190.1	12.65	7.561	2.526	198.9	22.45	4.578	52.14	51.03	1.108	33.59	33.62	26.194	0.36736	0
"2014-01-09	20:00:00"	9.07	188.8	9.81	14.12	6.542	194.7	13.03	11.74	50.16	50.2	-0.044	36.29	35.38	26.194	0	0
"2014-01-09	21:00:00"	8.25	206.3	13.73	12.93	6.394	208.4	13.97	9.95	48.34	49.46	-1.123	40.17	37.83	26.197	0	0
"2014-01-09	22:00:00"	8.21	201.4	13.66	13.52	6.246	205.7	14.01	10.54	46.83	48.23	-1.398	45.28	42.11	26.189	0	0
"2014-01-09	23:00:00"	8.37	206.8	13.12	13.52	6.51	207.9	13.99	10.54	46.57	48.02	-1.455	49.5	46.38	26.175	0	0
"2014-01-10	00:00:00"	7.942	227.9	13.82	13.52	6.245	233.7	17.36	10.54	45.22	46.68	-1.465	52.29	49.05	26.177	0	0
"2014-01-10	01:00:00"	7.07	233.4	13.44	11.74	5.591	237.5	17.11	9.95	45.98	47.13	-1.151	54.96	52.44	26.173	0	0
"2014-01-10	02:00:00"	6.739	225.4	15.23	10.54	5.189	227.7	19.19	8.16	45.78	47.1	-1.319	57.37	54.51	26.161	0	0
"2014-01-10	03:00:00"	9.87	196.7	15.82	18.89	7.742	198.9	18.72	17.1	46.5	47.48	-0.986	60.1	57.2	26.159	0	0
"2014-01-10	04:00:00"	5.534	215.8	16.31	11.74	4.031	218.8	20.96	9.95	48.17	48.07	0.101	54.02	52.9	26.144	0	0
"2014-01-10	05:00:00"	6.774	225.5	14.58	11.14	5.043	226.3	18.22	9.35	47.98	47.25	0.725	53.18	53.08	26.129	0	0
"2014-01-10	06:00:00"	8.4	225.9	12.65	14.12	7.039	230.1	14.88	11.74	46.18	45.14	1.04	56.63	56.96	26.118	0	0
"2014-01-10	07:00:00"	8.89	234.5	10.44	14.12	6.595	239.9	11.96	9.95	46.08	44.15	1.931	57.62	58.48	26.116	0	0
"2014-01-10	08:00:00"	9.3	236.6	9.33	17.7	7.25	242	11.32	12.93	48.11	44.93	3.174	53.57	57.73	26.123	0.58705	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-10	09:00:00"	8.91	247.5	9.97	14.72	6.424	254.3	13.18	12.93	44.56	43.3	1.264	59.43	60.44	26.137	63.143	0	
"2014-01-10	10:00:00"	11.24	257.9	14.77	17.1	9.05	262.7	16.96	15.31	49.2	48.99	0.209	45.52	43.96	26.152	264.95	0	
"2014-01-10	11:00:00"	19.03	276.1	8.27	30.82	13.96	282.2	10.79	25.45	56.19	57.61	-1.419	27.63	25.63	26.156	427.72	0	
"2014-01-10	12:00:00"	19.25	283.3	10.13	27.24	13.1	288.9	11.89	23.66	59.26	62	-2.74	21.34	18.62	26.151	551.67	0	
"2014-01-10	13:00:00"	22.08	285	11.2	36.78	14.66	290.8	12.71	26.65	60.97	64.01	-3.037	17.11	14.35	26.125	618.02	0	
"2014-01-10	14:00:00"	21.69	287.9	11.1	33.8	14.07	293.7	12.8	25.45	62.89	66.49	-3.605	14.62	11.67	26.097	612.64	0	
"2014-01-10	15:00:00"	20.75	283.1	10.3	31.42	14.2	289.6	12.28	25.45	64.04	66.94	-2.892	13.63	11.06	26.077	547.19	0	
"2014-01-10	16:00:00"	20.51	275.5	11.15	33.21	14.96	282.4	12.21	24.86	64.71	66.47	-1.766	13.32	11.17	26.068	431.84	0	
"2014-01-10	17:00:00"	20.95	262.2	9.99	33.21	16.75	271.2	10.71	26.05	64.78	65.58	-0.797	13.21	11.29	26.064	268.88	0	
"2014-01-10	18:00:00"	17.16	251.4	8.62	30.22	13.38	258.5	12.19	26.05	63.9	65.18	-1.285	14.03	12.07	26.062	86.3	0	
"2014-01-10	19:00:00"	12.62	253.1	8.56	18.89	9.52	261.6	11.55	15.31	59.49	61.21	-1.714	16.25	14.05	26.065	1.2536	0	
"2014-01-10	20:00:00"	15.33	264.7	9.67	21.87	12.08	273.9	10.09	19.49	58.01	58.43	-0.422	17.56	15.87	26.08	0	0	
"2014-01-10	21:00:00"	12.5	287.6	9.35	20.68	7.242	294.9	10.74	16.51	55	58.46	-3.456	19.94	16.58	26.116	0	0	
"2014-01-10	22:00:00"	9.63	281.5	8.58	17.1	5.596	287.3	10.6	12.93	51.57	52.81	-1.239	22.23	20.37	26.14	0	0	
"2014-01-10	23:00:00"	10.86	298.2	9.94	16.51	5.432	301.7	12.45	10.54	49.5	49.34	0.156	24.91	24.38	26.168	0	0	
"2014-01-11	00:00:00"	14.29	312.3	15.22	21.87	8.6	316.5	15.26	18.89	50.23	53	-2.777	25.25	22.09	26.206	0	0	
"2014-01-11	01:00:00"	10.57	304.9	9.85	16.51	5.617	308.9	11.93	12.93	47.2	50.42	-3.211	27.27	23.28	26.23	0	0	
"2014-01-11	02:00:00"	11.26	307.3	21.35	20.68	7.219	310.5	22.05	18.3	47.97	49.59	-1.622	25.74	23.39	26.237	0	0	
"2014-01-11	03:00:00"	11.74	331.4	10.4	17.1	8.22	332.9	11.34	13.52	46.81	49.36	-2.554	26.31	23.33	26.248	0	0	
"2014-01-11	04:00:00"	6.458	270.3	73.23	13.52	4.332	257.6	73.24	9.95	42.56	44.29	-1.734	30.48	27.73	26.274	0	0	
"2014-01-11	05:00:00"	4.599	241.9	41.19	8.75	3.111	223.9	64.93	6.964	41.55	39.96	1.592	31.57	32.39	26.299	0.0001	0	
"2014-01-11	06:00:00"	6.345	328.1	28.77	9.35	3.655	356.3	27.57	5.771	43.29	38.39	4.898	28.97	33.78	26.306	0.00048	0	
"2014-01-11	07:00:00"	5.936	298.8	24.84	9.95	3.212	312.1	44.37	6.964	40.33	37.01	3.318	32.2	36.09	26.325	0.00355	0	
"2014-01-11	08:00:00"	5.602	281.7	29.23	8.16	2.962	302.6	42.37	5.175	40.89	35.2	5.692	31.36	38.69	26.341	1.2841	0	
"2014-01-11	09:00:00"	4.584	249.8	34.65	6.964	2.596	269.3	55.98	5.771	38.99	37.58	1.418	34.79	38.99	26.373	86.155	0	
"2014-01-11	10:00:00"	4.763	281.7	29.35	8.16	3.517	281.6	34.05	7.561	45.63	47.62	-1.983	31.14	30.11	26.407	266.08	0	
"2014-01-11	11:00:00"	5.227	279.8	30.74	9.95	4.079	280.7	31.34	8.75	56.33	59.83	-3.501	22.12	19.47	26.419	433.31	0	
"2014-01-11	12:00:00"	8.01	208.1	14.07	12.33	6.867	210.6	16.36	11.14	58.76	63.38	-4.623	21.63	17.55	26.415	557.63	0	
"2014-01-11	13:00:00"	7.894	201.4	20.72	16.51	6.72	203.7	24	13.52	62.57	65.8	-3.235	18.15	15.12	26.382	625.15	0	
"2014-01-11	14:00:00"	9.85	207.1	16.7	18.3	8.4	209.8	19.26	15.91	64.21	69.15	-4.941	16.36	12.8	26.341	628.57	0	
"2014-01-11	15:00:00"	11.8	208.4	16.59	18.89	9.86	209.4	19.1	17.7	65.32	69.94	-4.625	15.18	11.82	26.317	552.51	0	
"2014-01-11	16:00:00"	13.91	197.1	12.82	20.68	11.31	200	14.92	18.89	66.64	70.79	-4.149	14.06	10.91	26.302	443.08	0	
"2014-01-11	17:00:00"	12.15	191.5	11.66	20.09	9.71	194.3	13.33	17.1	66.65	70.14	-3.494	15.08	12.15	26.292	277.72	0	
"2014-01-11	18:00:00"	8.84	183.7	10.32	14.12	6.791	185.9	12.97	12.33	65.43	69.15	-3.722	16.84	13.7	26.287	91.374	0	
"2014-01-11	19:00:00"	6.823	168	10.45	11.14	4.402	170.7	13.58	8.75	62.36	60.25	2.113	19.15	18.94	26.279	1.3148	0	
"2014-01-11	20:00:00"	6.717	202.8	17.37	12.33	4.579	202.3	19.36	9.35	59.18	58.87	0.31	20.67	19.6	26.278	0	0	
"2014-01-11	21:00:00"	5.902	196	10.66	8.16	3.488	190.8	9.53	5.771	54.9	53.45	1.453	23.27	23.6	26.284	0	0	
"2014-01-11	22:00:00"	6.27	186.9	12.92	8.75	3.904	184.9	13.71	6.368	53.56	51.4	2.154	24.34	25	26.288	0	0	
"2014-01-11	23:00:00"	6.237	190.4	11.28	9.35	3.682	194.2	18.13	6.964	52.12	49.7	2.416	25.48	26.47	26.284	0	0	
"2014-01-12	00:00:00"	9.02	187.3	15.31	15.31	6.623	189	18.96	12.33	49.89	48.54	1.346	28.4	28.31	26.271	0	0	
"2014-01-12	01:00:00"	10.52	182.5	8.61	16.51	7.779	184.1	11.81	13.52	51.9	50.76	1.14	27.03	26.75	26.248	0	0	
"2014-01-12	02:00:00"	10.95	182.4	9.1	15.91	8.41	184.6	13.65	12.93	50.54	49.61	0.929	28.53	28.03	26.229	0	0	
"2014-01-12	03:00:00"	8.11	196.7	11	13.52	5.908	202.1	12.47	9.95	46.37	44.98	1.392	33.51	33.47	26.212	0	0	
"2014-01-12	04:00:00"	8.76	198.5	11.06	12.33	6.448	203.4	11.47	9.35	44.3	42.96	1.338	36.62	36.93	26.2	0	0	
"2014-01-12	05:00:00"	8.82	198.2	10.29	14.12	6.556	202.2	11.19	11.74	42.47	41.84	0.634	39.01	38.44	26.186	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-12	06:00:00"	6.27	197.9	11.61	10.54	4.323	199.5	13.98	8.75	40.19	39.49	0.698	42.89	42.24	26.168	0
"2014-01-12	07:00:00"	6.41	194.2	12.08	9.35	4.224	195.6	13.74	7.561	40.66	38.65	2.012	43.11	44.73	26.154	0
"2014-01-12	08:00:00"	6.391	213.5	19.02	9.95	4.702	220.2	23.65	8.75	40.49	39.11	1.377	42.23	43.01	26.157	0
"2014-01-12	09:00:00"	8.75	208.1	14.85	15.91	7.016	212.8	14.62	12.33	40.67	39.78	0.889	43.18	44.08	26.167	0
"2014-01-12	10:00:00"	12.48	199.6	11.51	17.7	10.22	203.8	11.98	15.91	51.65	52.13	-0.485	32.7	30.84	26.179	0
"2014-01-12	11:00:00"	14.29	203.2	12.01	23.07	11.71	205.2	13.34	18.89	55.34	57.7	-2.363	28.37	25.15	26.185	0
"2014-01-12	12:00:00"	14.02	213	13.62	24.86	11.79	214.5	16.44	21.28	62.18	64.22	-2.042	23.36	20.53	26.175	0
"2014-01-12	13:00:00"	18.18	226.7	17.27	30.22	15.24	230.2	20.08	33.21	69.55	71.03	-1.481	18.37	16.05	26.134	0
"2014-01-12	14:00:00"	20.61	240.8	11.99	31.42	17.1	246.9	14.17	28.43	73.48	75.48	-1.992	15.23	12.89	26.09	0
"2014-01-12	15:00:00"	21.34	253.2	16.13	33.21	17.25	260.6	17.98	28.43	75.81	77.17	-1.36	11.89	9.85	26.063	0
"2014-01-12	16:00:00"	23.89	269.3	9.72	35	18.53	276.1	11.03	30.22	74.08	76.05	-1.971	11.5	9.19	26.06	0
"2014-01-12	17:00:00"	21.41	270.2	8.69	30.82	16.51	276.6	10.69	27.24	72.44	74.65	-2.208	12.13	9.64	26.068	0
"2014-01-12	18:00:00"	15.56	263.3	10.24	24.26	12.33	272.1	10.57	19.49	69.54	70.43	-0.893	13.71	11.76	26.079	0
"2014-01-12	19:00:00"	15.68	262.8	8.77	27.24	12.7	271.4	9.11	21.28	66.76	67.71	-0.947	14.49	12.54	26.094	0
"2014-01-12	20:00:00"	12.96	259.5	8.85	18.89	10.27	269.2	9.68	17.1	63.72	64.52	-0.805	17.07	15.15	26.113	0
"2014-01-12	21:00:00"	11.79	242.9	9.57	18.3	9.45	249.1	11.2	17.7	61.63	62.01	-0.386	18.48	16.99	26.129	0
"2014-01-12	22:00:00"	9.5	262.9	16.77	17.1	6.79	269.1	18.55	13.52	56.57	57.52	-0.952	22.04	19.88	26.159	0
"2014-01-12	23:00:00"	16.25	319.4	16.18	35	11.48	324.6	16.86	30.22	55.83	56.7	-0.862	21.67	19.94	26.209	0
"2014-01-13	00:00:00"	16.36	331.9	7.667	25.45	12.62	334.4	8.99	20.68	53.45	55.46	-2.01	22.74	20	26.241	0
"2014-01-13	01:00:00"	21.08	334.2	8.73	34.4	16.4	336	9.47	29.63	51.2	52.49	-1.286	19.88	17.66	26.249	0
"2014-01-13	02:00:00"	18.84	332.7	9.98	33.8	14.55	334.9	11.29	27.84	49.86	50.85	-0.993	16.44	14.48	26.277	0
"2014-01-13	03:00:00"	15.09	339.1	15.76	27.24	11.5	340	15.42	24.26	48.07	48.71	-0.642	16.02	14.2	26.316	0
"2014-01-13	04:00:00"	19.47	337.5	8.81	29.03	15.19	339.1	9.94	25.45	45.82	44.38	1.444	17.14	16.38	26.334	0
"2014-01-13	05:00:00"	18.04	332.4	8.73	28.43	14.03	334.3	10.35	23.66	44.37	42.73	1.638	18.05	17.42	26.35	0
"2014-01-13	06:00:00"	16.3	328.9	7.22	23.07	12.47	331.9	9.31	19.49	42.98	41.17	1.814	19.56	19.15	26.361	0
"2014-01-13	07:00:00"	15.51	331.7	7.033	23.66	11.66	334.2	8.67	18.89	41.84	40.55	1.296	21.01	20.53	26.375	0
"2014-01-13	08:00:00"	15.12	325.7	6.981	22.47	11.34	329.1	8.39	19.49	41.22	40.38	0.839	22.15	21.46	26.395	0
"2014-01-13	09:00:00"	15.32	322.5	7.716	20.68	11.48	326.6	9.12	17.1	41.11	40.9	0.208	22.6	21.47	26.416	0
"2014-01-13	10:00:00"	18.52	317.9	7.854	28.43	13.46	322.1	9.4	23.66	43.87	45.12	-1.248	20.69	18.7	26.439	0
"2014-01-13	11:00:00"	22.84	324	8.19	33.8	17.54	327.6	9.64	27.84	48.71	50.55	-1.841	17.12	14.77	26.443	0
"2014-01-13	12:00:00"	20.95	326	9.9	29.03	16.13	328.8	10.94	24.86	51.3	53.53	-2.222	15.01	12.71	26.439	0
"2014-01-13	13:00:00"	17.98	321.2	15.43	26.65	13.35	324.7	16.11	23.07	54.01	58.49	-4.483	12.56	9.37	26.418	0
"2014-01-13	14:00:00"	17.07	308.1	12.27	26.05	11.2	312.8	13.03	21.87	55.17	60.63	-5.452	12.2	8.5	26.389	0
"2014-01-13	15:00:00"	17.52	309	14	28.43	12.02	313.9	15.04	26.05	57.06	62.39	-5.33	11.7	8.1	26.371	0
"2014-01-13	16:00:00"	17.34	306	12.33	29.03	11.48	310.5	14.01	24.26	59.01	63.92	-4.911	10.91	7.514	26.358	0
"2014-01-13	17:00:00"	15.73	307.2	12.52	27.84	10.29	311.7	13.36	22.47	59.73	64.46	-4.727	11.03	7.702	26.35	0
"2014-01-13	18:00:00"	10.83	263.1	16.85	19.49	7.724	270	18.12	17.1	59.67	59.89	-0.216	10.69	8.99	26.344	0
"2014-01-13	19:00:00"	5.772	234.7	12.8	9.35	3.959	241.4	16.06	7.561	53.16	51.78	1.379	13.19	12.38	26.34	0
"2014-01-13	20:00:00"	4.829	220.6	18.39	8.16	3.035	227	31.9	6.368	50.89	49.68	1.207	13.67	12.92	26.345	0
"2014-01-13	21:00:00"	3.575	252.4	25.73	5.771	2.324	268.4	54.39	5.175	50.2	48.05	2.148	13.92	13.79	26.356	0
"2014-01-13	22:00:00"	4.879	248.6	31.55	8.16	3.379	260.8	45.88	6.368	49.45	45.32	4.127	14.63	16.1	26.353	0
"2014-01-13	23:00:00"	5.775	244.9	15.84	7.561	3.674	252.9	18.79	5.771	45.94	44.01	1.937	17.22	17.75	26.351	0
"2014-01-14	00:00:00"	6.632	243.2	11.25	9.35	4.349	252.5	14.98	7.561	44.81	43.36	1.452	18.13	18.36	26.345	0
"2014-01-14	01:00:00"	6.7	259.1	10.74	10.54	4.304	262.7	18.31	8.16	43.74	43.11	0.634	19.71	19.46	26.334	0
"2014-01-14	02:00:00"	9.98	297	9.36	14.12	4.925	305.3	16.18	8.16	41.85	42.78	-0.924	22.16	20.82	26.319	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-14	03:00:00"	10.42	302.5	7.013	13.52	5.341	317.8	9.97	7.561	39.92	41.33	-1.404	24.82	23.23	26.308	0.00077	0	
"2014-01-14	04:00:00"	9.1	291.2	6.025	12.93	3.617	302.2	19.07	6.368	39.6	38.16	1.434	25.11	26.14	26.304	0.00038	0	
"2014-01-14	05:00:00"	9.92	283	9.59	15.31	5.384	292.4	13.18	12.33	41.14	40.43	0.712	23.77	24.68	26.298	0.00864	0	
"2014-01-14	06:00:00"	9	293.5	8.95	14.12	4.242	299.6	11.83	8.16	38.15	37.74	0.412	27.71	27.79	26.296	0.00681	0	
"2014-01-14	07:00:00"	12.84	303.7	6.327	17.1	6.454	309.3	8.65	11.14	38.22	40.59	-2.374	28.77	25.68	26.312	0.00307	0	
"2014-01-14	08:00:00"	14.19	312.2	6.923	20.68	8.7	316.7	8.66	15.31	41.02	42.72	-1.701	29.86	26.64	26.335	1.3526	0	
"2014-01-14	09:00:00"	14.37	314.5	7.786	20.09	9.67	319.4	9.02	17.1	44.89	43.09	1.793	28.03	27.86	26.365	89.015	0	
"2014-01-14	10:00:00"	19.75	340.2	17.44	33.21	15.42	341.7	17.41	26.65	48.97	49.26	-0.283	25.36	23.94	26.413	272.04	0	
"2014-01-14	11:00:00"	23.1	18.35	11.7	33.8	18.6	19.48	16.74	29.03	51.49	54.73	-3.238	25.18	21.26	26.457	435.27	0	
"2014-01-14	12:00:00"	21.75	30.29	9.25	29.63	17.95	33.76	11.95	26.65	54.53	55.8	-1.269	25.27	22.58	26.467	558.4	0	
"2014-01-14	13:00:00"	19.56	33.87	11.7	29.63	16.02	37.48	13.69	26.05	57.47	58.13	-0.659	22.7	20.48	26.46	626.63	0	
"2014-01-14	14:00:00"	17.38	31.4	11.94	28.43	14.52	34.38	14.68	24.86	58.51	60.97	-2.46	21.05	18.03	26.453	624.21	0	
"2014-01-14	15:00:00"	14.32	23.77	15.64	27.24	11.94	26.47	19.34	19.49	59.86	63.92	-4.052	19.38	15.67	26.457	549.43	0	
"2014-01-14	16:00:00"	12.48	26.34	13.75	22.47	10.51	29.59	17.88	19.49	60.43	64.27	-3.838	18.46	14.83	26.47	439.53	0	
"2014-01-14	17:00:00"	11.89	28.79	16.38	21.87	9.91	32.11	19.26	17.1	59.88	63.61	-3.738	19.37	15.71	26.487	272.69	0	
"2014-01-14	18:00:00"	11.95	34.46	7.551	20.09	9.65	37.9	9.57	16.51	58.2	60.75	-2.552	20.65	17.37	26.51	88.42	0	
"2014-01-14	19:00:00"	9.19	41.86	7.382	13.52	6.415	44.11	9.29	10.54	53.92	54.61	-0.684	24.05	21.7	26.536	1.8398	0	
"2014-01-14	20:00:00"	10.48	53.15	5.97	13.52	6.746	57.34	8.35	10.54	48.65	49.57	-0.917	30.4	27.66	26.56	0	0	
"2014-01-14	21:00:00"	11.63	55.48	7.116	16.51	8.17	59.56	9.15	13.52	45.15	46.15	-1.002	36.88	34.19	26.579	0	0	
"2014-01-14	22:00:00"	10.95	53.45	6.521	14.72	7.698	57.29	8.81	12.33	42.2	42.21	-0.011	39.71	37.76	26.599	0	0	
"2014-01-14	23:00:00"	12	54.31	7.079	16.51	8.55	58.73	9.41	12.93	40.31	37.92	2.387	41.63	42.52	26.616	0	0	
"2014-01-15	00:00:00"	11.83	51.43	7.065	18.3	8.73	55.68	9.1	15.91	38.05	35.68	2.363	44.4	45.58	26.625	0	0	
"2014-01-15	01:00:00"	10.29	39.64	8.24	16.51	7.745	41.89	11.14	14.12	35.9	33.55	2.349	47.11	48.59	26.622	0.00163	0	
"2014-01-15	02:00:00"	7.626	18.64	11.41	11.14	4.628	14.5	14.48	7.561	32.44	28.94	3.497	51.61	55.71	26.616	0.06123	0	
"2014-01-15	03:00:00"	7.38	356.5	10.23	8.75	3.854	351.2	10.19	5.771	29.89	26.38	3.509	56.19	60.99	26.62	0.12277	0	
"2014-01-15	04:00:00"	7.601	348.4	3.162	8.75	4.275	347.9	5.328	5.175	29.26	26	3.257	57.03	61.26	26.626	0.06125	0	
"2014-01-15	05:00:00"	8.54	317.7	16.46	11.14	4.364	317.2	17.66	7.561	29.12	25.13	3.994	55.72	62.44	26.626	0.07585	0	
"2014-01-15	06:00:00"	8.81	319.9	6.747	11.14	5.424	323.2	8.82	8.16	27.82	24.99	2.832	59.47	63.35	26.627	0.05693	0	
"2014-01-15	07:00:00"	8.6	314.3	6.143	10.54	4.482	322.1	9.13	6.368	27.83	24.64	3.188	59.91	63.81	26.622	0.02343	0	
"2014-01-15	08:00:00"	7.116	312.8	6.823	9.35	3.381	330.9	14.54	5.771	29.22	24.36	4.868	57.24	64.06	26.61	1.3148	0	
"2014-01-15	09:00:00"	5.531	292	10.38	6.964	2.333	303	8.73	4.578	31.32	27.73	3.592	54.43	60.28	26.613	85.446	0	
"2014-01-15	10:00:00"	4.481	227.3	30.8	12.33	3.728	232.5	33.4	10.54	37.76	36.84	0.927	46.36	45.22	26.629	265.29	0	
"2014-01-15	11:00:00"	11.84	197	11.82	20.68	9.7	200	13.54	17.7	43.91	44.42	-0.51	33.97	32.01	26.617	431.67	0	
"2014-01-15	12:00:00"	15.17	199.4	13.67	21.87	12.47	201.5	15.12	19.49	47	45.97	1.025	31.6	30.88	26.591	556.13	0	
"2014-01-15	13:00:00"	14.84	208	14.6	24.26	12.29	210.6	16.28	21.87	49.58	48.04	1.542	29.41	28.82	26.542	625.79	0	
"2014-01-15	14:00:00"	13.72	212.8	14.43	21.28	11.48	213.5	17.02	19.49	51.71	50.12	1.583	27.21	26.56	26.492	631.14	0	
"2014-01-15	15:00:00"	13.85	213.5	15.89	20.68	11.53	214.8	18.4	18.3	54.86	52.85	2.008	24.99	24.51	26.44	553.89	0	
"2014-01-15	16:00:00"	12.53	219.7	14.67	21.87	10.58	221.8	17.59	17.7	57.58	55.3	2.281	22.62	22.16	26.412	455.86	0	
"2014-01-15	17:00:00"	10.99	219.4	15.66	18.89	9.13	222.8	18.74	17.1	59.49	56.56	2.93	20.61	20.49	26.394	290.2	0	
"2014-01-15	18:00:00"	9.09	208.2	12.48	15.31	7.595	206.5	14.02	13.52	58.31	55.54	2.772	21.76	21.61	26.372	92.068	0	
"2014-01-15	19:00:00"	8.51	194.7	12.59	14.72	6.207	200.8	16.73	11.14	53.76	49.59	4.173	25.78	27.55	26.35	1.964	0	
"2014-01-15	20:00:00"	6.457	209.7	11.89	10.54	4.977	205.4	12.99	8.16	49.64	47.73	1.915	30.04	30.02	26.341	0	0	
"2014-01-15	21:00:00"	7.286	218.3	12.11	10.54	5.332	222.7	14.27	9.35	49.44	47.95	1.491	30.66	30.64	26.32	0	0	
"2014-01-15	22:00:00"	6.272	228.3	11.26	9.95	4.414	234.6	13.28	8.16	45.4	45.59	-0.191	33.92	32.89	26.308	0	0	
"2014-01-15	23:00:00"	6.645	228	10.99	9.95	4.795	234.9	13.85	7.561	43.8	44.38	-0.579	35.8	34.41	26.306	0.0001	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-16	00:00:00"	6.445	230.1	11.16	10.54	4.577	235.8	13.06	9.35	43.02	44.04	-1.023	36.87	35.26	26.295	0
"2014-01-16	01:00:00"	7.176	251.8	17.74	10.54	4.487	255.6	17.43	6.964	43.6	43.8	-0.199	35.29	35.12	26.281	0
"2014-01-16	02:00:00"	10.87	298.9	8.15	17.1	4.916	306.9	11.57	8.75	43.74	44.69	-0.952	31.87	31.43	26.267	0
"2014-01-16	03:00:00"	9.09	288.3	17.28	14.12	5.552	292.9	21.46	9.35	42.53	44.27	-1.741	32.92	30.14	26.269	0
"2014-01-16	04:00:00"	9.13	289.2	13.53	17.7	4.985	293	17	11.14	41.36	41.04	0.318	33.95	33.66	26.264	0.00019
"2014-01-16	05:00:00"	14.49	310.4	7.609	19.49	8.67	315.6	9.68	14.72	44.71	47.34	-2.63	28.86	25.64	26.259	0
"2014-01-16	06:00:00"	15.03	328.6	6.222	19.49	10.76	332.4	8.24	15.91	45.61	46.31	-0.699	27.25	25.2	26.26	0
"2014-01-16	07:00:00"	13.92	336.7	5.798	18.3	10.09	339.6	7.797	15.31	45.5	44.11	1.39	27.02	26.83	26.277	0
"2014-01-16	08:00:00"	11.84	337.2	7.263	15.91	8.06	340.1	9.07	12.33	42.27	41.46	0.809	31.07	30.51	26.301	1.4489
"2014-01-16	09:00:00"	11.72	7.431	13.94	21.28	8.58	6.377	16.87	18.3	41.52	41.47	0.048	34.35	34.14	26.326	88.955
"2014-01-16	10:00:00"	16.38	39.05	12.07	25.45	13.42	42.83	13.7	21.87	46.78	48.93	-2.146	30.79	27.82	26.36	268.03
"2014-01-16	11:00:00"	19.89	54.15	9.3	29.63	15.49	59.37	11.52	24.86	52.08	53.19	-1.115	27.01	24.5	26.392	436.16
"2014-01-16	12:00:00"	21.79	63.58	9.9	30.22	16.85	68.32	11.09	26.05	56.52	56.25	0.262	23.72	21.94	26.405	607.51
"2014-01-16	13:00:00"	21.17	64.79	11.77	31.42	16.53	69.05	13.18	24.86	59.45	59.92	-0.469	20.59	18.55	26.393	567.08
"2014-01-16	14:00:00"	21.53	68.56	11.08	31.42	16.76	72.36	12.1	26.65	59.9	62.87	-2.967	18.52	15.52	26.385	595.53
"2014-01-16	15:00:00"	17.74	70.97	11.83	29.03	13.97	74.35	12.93	23.07	60.48	64.36	-3.877	18.4	15.08	26.379	536.18
"2014-01-16	16:00:00"	16.46	76.99	11.37	25.45	12.92	79.61	12.87	20.09	61.25	65.07	-3.817	17.79	14.59	26.372	430.61
"2014-01-16	17:00:00"	15.43	75.41	13.18	25.45	12.02	78.06	13.82	20.09	60.54	64.03	-3.49	17.42	14.39	26.375	274.85
"2014-01-16	18:00:00"	12.26	75.39	9.25	18.89	9.34	78.88	10.36	16.51	58.44	62.87	-4.43	18.4	14.83	26.382	96.781
"2014-01-16	19:00:00"	8.95	56.47	8.23	11.74	5.517	60.17	10.02	9.35	52.29	51.54	0.752	22.97	22.05	26.407	2.1384
"2014-01-16	20:00:00"	9.62	63.67	6.641	13.52	5.614	66.16	10.83	8.75	46.68	47.5	-0.821	27.46	25.99	26.416	0
"2014-01-16	21:00:00"	9.37	72.24	4.92	11.74	5.308	71.56	9.28	8.75	43.69	46.11	-2.417	30.8	27.39	26.436	0
"2014-01-16	22:00:00"	9.82	69.52	7.001	12.93	5.928	69.83	10.08	9.35	40.35	42.45	-2.101	34.31	31.23	26.449	0
"2014-01-16	23:00:00"	10.01	76.43	5.596	12.93	6.339	76.19	8.48	8.75	38.33	37.92	0.413	37.74	37.1	26.458	0
"2014-01-17	00:00:00"	9.74	77.5	5.229	11.74	6.111	74.86	8.46	8.75	37.09	35.6	1.491	40.08	40.65	26.461	0.00048
"2014-01-17	01:00:00"	9.88	75.9	4.425	11.14	6.006	73.28	8.33	8.16	36.19	34.37	1.823	41.98	43.17	26.465	0.00038
"2014-01-17	02:00:00"	9.71	74.15	6.832	11.74	5.985	69.92	9.77	8.16	35.39	33.69	1.707	44.12	45.24	26.467	0.00115
"2014-01-17	03:00:00"	9.7	61.88	5.759	11.14	5.968	61.24	8.36	8.16	34.27	32.58	1.688	46.67	48.12	26.475	0.00317
"2014-01-17	04:00:00"	8.67	36.9	10.93	13.52	6.23	38.13	11.88	10.54	33.34	33.77	-0.427	48.45	47.48	26.497	0.01363
"2014-01-17	05:00:00"	7.682	13.96	6.853	9.95	4.649	11.68	11.39	7.561	30.7	32.64	-1.944	53.3	48.63	26.506	0.04357
"2014-01-17	06:00:00"	8.1	20.91	6.598	9.95	4.741	22.49	9.14	6.964	31.49	30.85	0.637	52.37	52.08	26.502	0.04722
"2014-01-17	07:00:00"	7.494	33.87	13.08	12.33	5.322	23.58	8.4	9.35	32.75	30.89	1.854	48.81	52.18	26.503	0.02265
"2014-01-17	08:00:00"	8.32	20.78	7.141	11.14	5.307	21.82	12.79	8.16	28.89	31.12	-2.235	52.83	49.5	26.521	1.3981
"2014-01-17	09:00:00"	7.035	36.44	12.44	9.95	4.939	31.62	14.54	7.561	31.11	32.69	-1.585	46.8	46.86	26.534	80.964
"2014-01-17	10:00:00"	8.53	89.9	22.36	15.31	7.061	92.6	23.38	12.93	39.62	41.29	-1.676	34.94	33.09	26.56	253.33
"2014-01-17	11:00:00"	11.85	129	13.52	16.51	9.81	132.5	14.37	15.31	47.66	48.63	-0.969	23.68	21.62	26.573	417.83
"2014-01-17	12:00:00"	12.72	163.9	16.16	21.28	10.49	165.4	17.85	16.51	50.95	49.83	1.116	20.33	19.21	26.556	542.15
"2014-01-17	13:00:00"	13.31	177	14.49	20.68	10.98	178.5	17.6	18.89	52.43	51.17	1.254	19.45	18.53	26.521	613.97
"2014-01-17	14:00:00"	14.19	183.6	12.7	26.65	11.58	186.5	16.54	23.66	53.74	55.96	-2.219	19.39	16.69	26.477	623.01
"2014-01-17	15:00:00"	13.69	185.3	13.47	22.47	11.17	187.2	15.91	19.49	55	57.63	-2.629	19.71	16.7	26.447	550.39
"2014-01-17	16:00:00"	12.45	186.1	16.1	20.68	10.15	189.3	18.93	17.7	56.12	58.23	-2.11	19.99	17.19	26.432	444.07
"2014-01-17	17:00:00"	10.2	190.3	15.25	16.51	8.33	193.2	18.87	14.12	56.13	58.04	-1.908	21.08	18.38	26.423	283.3
"2014-01-17	18:00:00"	8.75	191.5	11.86	14.72	6.952	194.3	13.63	12.33	55.35	55.29	0.059	22.94	21.43	26.415	102.25
"2014-01-17	19:00:00"	6.245	171.8	13.44	9.35	4.137	171.9	18.97	6.964	51.81	50.16	1.647	25.47	25.35	26.405	2.3805
"2014-01-17	20:00:00"	7.164	164.5	9.74	11.14	4.878	166.1	13.81	8.16	46.76	46.56	0.2	29.33	28.39	26.399	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-17	21:00:00"	7.561	155.9	7.149	9.95	5.04	150.8	7.585	7.561	45.9	44.73	1.172	30.42	30.37	26.399	0
"2014-01-17	22:00:00"	7.425	155.4	7.91	10.54	4.979	149.7	7.956	8.16	44.38	44.65	-0.273	31.29	30.12	26.397	0
"2014-01-17	23:00:00"	9.29	163.5	8.57	13.52	6.826	162.6	9.29	10.54	43.89	43.6	0.295	33.92	32.95	26.385	0
"2014-01-18	00:00:00"	8.48	185.7	11.98	12.33	6.059	191.1	14.65	10.54	41.89	43.13	-1.235	37.48	35.05	26.37	0
"2014-01-18	01:00:00"	7.271	205.7	10.63	10.54	5.505	204.4	10.41	8.16	39.42	41.22	-1.805	41.96	38.32	26.359	0
"2014-01-18	02:00:00"	6.74	208.6	11.59	10.54	5.312	205.8	11.91	8.16	38.56	40.17	-1.603	44.36	41.36	26.348	0
"2014-01-18	03:00:00"	7.293	205.8	12.46	10.54	5.514	210.3	13.46	8.16	37.86	39.2	-1.339	47.1	43.68	26.342	0
"2014-01-18	04:00:00"	6.315	223	11.44	9.95	4.8	228.1	12.79	7.561	37.57	38.52	-0.944	47.9	45.92	26.343	0
"2014-01-18	05:00:00"	5.953	245.6	10.93	8.16	4.054	260.6	14.65	5.771	37.1	36.72	0.379	48.72	47.87	26.326	0.00029
"2014-01-18	06:00:00"	5.667	243.9	12.25	8.16	3.874	259.6	19.57	5.771	36.32	35.42	0.898	50.8	50.88	26.312	0.00355
"2014-01-18	07:00:00"	6.69	258.2	7.511	9.35	4.981	265.8	8.26	8.16	35.36	35.84	-0.477	52.79	51.87	26.315	0.00096
"2014-01-18	08:00:00"	6.96	264.2	8.82	9.95	4.769	274.1	9.84	7.561	35.51	34.84	0.674	53.16	52.76	26.324	1.4348
"2014-01-18	09:00:00"	7.691	294	8.82	14.72	3.372	298.1	12.13	8.75	35.27	35.06	0.211	53.49	55.89	26.338	90.858
"2014-01-18	10:00:00"	12.16	307.3	7.199	17.7	7.632	311.7	9.74	14.72	42.42	48.66	-6.241	41.49	34.64	26.365	272.19
"2014-01-18	11:00:00"	13.62	307.9	10.12	21.87	8.9	312.6	11.61	17.1	52.62	57.03	-4.409	26.63	22.45	26.387	441.19
"2014-01-18	12:00:00"	14.45	323.9	11.77	23.07	11.16	327.3	12.76	20.68	57.7	60.03	-2.324	18.61	16.17	26.383	570.74
"2014-01-18	13:00:00"	12.61	334.3	17.1	20.68	10.1	335.7	17.04	16.51	59.75	61.97	-2.22	17.89	15.38	26.366	640.39
"2014-01-18	14:00:00"	14.3	347.5	13.88	21.28	11.77	347.9	15.99	19.49	61.14	63.52	-2.384	17.69	15.07	26.351	643.05
"2014-01-18	15:00:00"	14.16	354.5	15.12	20.68	11.61	355	19.9	18.89	62.75	65.05	-2.297	16.65	14.08	26.347	567.97
"2014-01-18	16:00:00"	15.12	8.63	14.98	23.07	12.33	8.71	19.15	20.68	63.15	65.51	-2.365	16.22	13.66	26.357	460.1
"2014-01-18	17:00:00"	15.24	25.01	10.06	22.47	12.52	27.99	14.08	19.49	62.74	65.86	-3.115	16.48	13.65	26.382	292.75
"2014-01-18	18:00:00"	13.8	38.36	8.35	21.87	11.26	42.08	9.42	19.49	61.46	65.33	-3.87	17.05	13.83	26.41	105.3
"2014-01-18	19:00:00"	11.33	36.6	5.948	15.91	8.51	39.17	7.246	12.93	57.07	58.11	-1.041	19.82	17.74	26.428	2.4241
"2014-01-18	20:00:00"	12.19	37.7	6.665	17.1	8.97	37.83	8.4	13.52	54.22	55.07	-0.841	22.37	20.2	26.446	0
"2014-01-18	21:00:00"	9.94	39.22	7.053	14.12	6.948	35.85	8.96	11.74	50.77	51.87	-1.1	24.85	22.38	26.46	0
"2014-01-18	22:00:00"	8.86	44.13	8.28	11.14	5.786	39.45	13.29	8.16	48.96	45.98	2.979	26.47	27.56	26.476	0
"2014-01-18	23:00:00"	6.936	36.61	8.63	10.54	4.638	14.81	21.72	7.561	46.77	44.37	2.403	27.91	28.76	26.492	0
"2014-01-19	00:00:00"	6.442	33.13	4.16	8.16	4.891	10.26	6.375	5.771	46.44	40.5	5.943	27.85	32.39	26.502	0
"2014-01-19	01:00:00"	6.129	23.61	11.18	7.561	4.662	4.373	17.59	5.771	46.8	37.22	9.58	27.59	35.84	26.498	0
"2014-01-19	02:00:00"	6.757	348.4	26.78	8.75	4.14	344.2	29.96	5.771	44.86	34.37	10.49	29.08	40.13	26.494	0.00336
"2014-01-19	03:00:00"	7.314	322	6.445	9.35	3.987	341.6	9.71	5.771	45.41	33.14	12.27	29.04	41.97	26.495	0.00998
"2014-01-19	04:00:00"	6.423	303.7	22	12.33	4.35	328.6	33.26	8.16	46.19	34.28	11.91	27.76	40.93	26.494	0.01152
"2014-01-19	05:00:00"	9.38	309.3	6.833	11.74	4.535	317.8	8.73	6.964	38.13	35.44	2.684	36.07	38.76	26.487	0.01037
"2014-01-19	06:00:00"	7.724	304.3	3.196	9.35	3.579	313.7	5.776	5.175	38.87	32.97	5.897	35.35	42.99	26.486	0.03714
"2014-01-19	07:00:00"	7.417	290.7	6.549	8.16	3.409	311.1	6.43	4.578	41.69	33.57	8.12	32.5	41.83	26.489	0.02687
"2014-01-19	08:00:00"	6.891	285.9	6.739	9.35	3.06	309.5	8.51	4.578	41.15	35.24	5.915	33.19	39.74	26.498	1.5405
"2014-01-19	09:00:00"	7.258	299.3	5.576	10.54	3.66	313.4	8.25	5.175	39.93	36.8	3.131	35.62	41.35	26.515	93.955
"2014-01-19	10:00:00"	6.209	280	10.44	9.35	4.402	287.2	12.64	8.16	45.83	47.02	-1.19	31.38	29.96	26.535	277.73
"2014-01-19	11:00:00"	7.086	251.2	21.56	13.52	5.924	254.6	22.23	11.74	52.68	54.99	-2.309	26.05	23.41	26.54	448.64
"2014-01-19	12:00:00"	11.63	211.8	15.81	18.89	9.73	214.5	17.85	16.51	57.85	62.13	-4.281	20.74	17.28	26.524	578.46
"2014-01-19	13:00:00"	13.88	203.7	13.55	20.68	11.67	204.9	14.84	17.1	60.44	64.64	-4.199	17.86	14.37	26.484	649.26
"2014-01-19	14:00:00"	13.98	205.5	14.59	21.87	11.54	208.1	16.6	19.49	61.6	65.32	-3.725	17.62	14.35	26.436	654.43
"2014-01-19	15:00:00"	14.97	205.7	13.97	24.26	12.42	206	16.18	21.87	63.29	67.48	-4.197	17.67	14.17	26.4	581.05
"2014-01-19	16:00:00"	13.24	212.3	14.86	21.87	11.1	213.6	16.96	20.09	64.13	67.18	-3.045	17.1	14.14	26.377	453.21
"2014-01-19	17:00:00"	12.77	211.5	14.8	21.28	10.55	212.5	17.85	18.3	63.78	67.28	-3.504	16.67	13.56	26.359	302.43

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-19	18:00:00"	9.4	221.8	14.1	16.51	7.758	223.1	15	14.72	63.13	66.29	-3.163	16.22	13.3	26.344	104.96	0	
"2014-01-19	19:00:00"	7.709	208.9	13.62	11.74	5.797	208.9	14.52	8.75	57.57	58.56	-0.986	20.05	17.95	26.336	1.7611	0	
"2014-01-19	20:00:00"	8.33	206	13.21	13.52	6.654	204.1	12.87	9.95	52.85	54.89	-2.037	24.56	21.76	26.333	0	0	
"2014-01-19	21:00:00"	6.427	211.7	12.65	11.14	4.87	211.6	14.98	8.16	49.29	51.08	-1.786	27.54	24.88	26.332	0	0	
"2014-01-19	22:00:00"	7.106	235.1	12.58	11.14	5.253	241.6	15.69	9.35	48.55	48.9	-0.349	28.7	27.39	26.33	0	0	
"2014-01-19	23:00:00"	7.95	234.3	10.42	11.14	5.952	241.7	12.5	8.75	48.03	48.36	-0.331	29.3	27.75	26.319	0	0	
"2014-01-20	00:00:00"	8.01	236.3	9.35	11.74	5.935	244.6	11.87	10.54	50.78	47.21	3.573	26.82	27.9	26.311	0	0	
"2014-01-20	01:00:00"	7.824	257.9	9.5	11.14	5.126	263.8	11.29	7.561	47.93	44.42	3.511	27.94	29.82	26.292	0	0	
"2014-01-20	02:00:00"	8.3	266.3	11.69	12.33	5.268	267.8	14.71	8.75	48.45	44.65	3.797	26.01	28.37	26.27	0	0	
"2014-01-20	03:00:00"	10.55	294.6	6.828	14.12	4.759	300.8	9.42	7.561	45.95	45	0.952	27.16	27.7	26.249	0	0	
"2014-01-20	04:00:00"	13.27	303.9	7.171	19.49	6.984	308.2	9.45	13.52	45.97	48.36	-2.384	26.4	23.67	26.24	0	0	
"2014-01-20	05:00:00"	13.48	295.9	7.329	20.09	7.072	300.5	9.45	10.54	47.33	50.16	-2.832	24.92	21.38	26.239	0	0	
"2014-01-20	06:00:00"	13.21	296	7.282	18.89	6.681	302.3	9.12	12.93	47.66	48.97	-1.31	24.78	22.4	26.24	0	0	
"2014-01-20	07:00:00"	12.21	293.5	7.054	16.51	6.251	298.8	9.15	10.54	47.03	44.6	2.43	25.12	25.67	26.246	0	0	
"2014-01-20	08:00:00"	11.68	289.4	6.165	15.91	6.384	294.4	8.13	10.54	45.83	42.75	3.084	25.9	26.89	26.256	0.92024	0	
"2014-01-20	09:00:00"	14.24	296.3	7.661	20.09	7.761	302	9.79	14.72	47.35	45.58	1.766	24.63	24.4	26.266	96.489	0	
"2014-01-20	10:00:00"	15.77	300	7.684	25.45	9.15	305.2	9.91	17.1	53.28	53.68	-0.401	20.75	19.37	26.277	283.69	0	
"2014-01-20	11:00:00"	22.54	309.1	9.33	34.4	14.73	314	10.96	29.03	60.21	64.31	-4.098	15.83	12.62	26.294	456.31	0	
"2014-01-20	12:00:00"	22.19	317.3	9.61	32.61	16.07	321.7	10.79	27.84	62.5	67.93	-5.428	14.38	10.64	26.308	586.43	0	
"2014-01-20	13:00:00"	16.23	326.8	16.66	23.66	12.41	329.3	16.43	21.87	64.28	68.93	-4.656	13.81	10.57	26.297	659.07	0	
"2014-01-20	14:00:00"	12.63	9.75	16.36	20.68	10.54	11.01	19.61	17.7	66.43	69.64	-3.204	12.49	9.93	26.282	663.52	0	
"2014-01-20	15:00:00"	12.86	30.16	13.06	20.09	10.85	33.44	16.14	17.7	68.11	73.38	-5.274	11.29	8.25	26.282	578.71	0	
"2014-01-20	16:00:00"	13.83	30.8	12.96	22.47	11.57	33.69	15.8	19.49	68.85	73.92	-5.078	10.18	7.215	26.303	468.9	0	
"2014-01-20	17:00:00"	14.9	32.62	9.31	21.87	12.35	36.2	11.41	19.49	68.29	72.7	-4.407	9.85	7.11	26.331	305.68	0	
"2014-01-20	18:00:00"	18.7	23.98	9.93	30.22	14.89	26.8	13.4	24.86	65.92	69.43	-3.515	11.76	8.9	26.368	108.23	0	
"2014-01-20	19:00:00"	16.71	26.67	5.977	25.45	13.34	29.7	9.17	21.87	59.86	62.63	-2.77	14.53	11.71	26.422	2.6444	0	
"2014-01-20	20:00:00"	15.26	25.26	5.789	20.68	12.01	28.06	9.09	16.51	55.31	55.85	-0.548	17.93	16.15	26.467	0	0	
"2014-01-20	21:00:00"	16.54	28.22	6.547	23.66	13.26	31.46	9.46	20.68	52.72	54.72	-2	21.67	18.84	26.514	0	0	
"2014-01-20	22:00:00"	17.47	34.31	6.671	25.45	14.24	38.11	8.56	21.28	50.63	50.95	-0.321	24.79	22.67	26.547	0	0	
"2014-01-20	23:00:00"	15.99	40.16	6.902	22.47	12.97	43.48	7.967	19.49	48.21	46.71	1.506	27.87	27.09	26.577	0	0	
"2014-01-21	00:00:00"	12.59	37.07	6.377	18.3	10.09	40.54	7.887	16.51	45.34	43.11	2.23	30.78	30.69	26.603	0	0	
"2014-01-21	01:00:00"	10.3	22.55	9.93	13.52	7.38	23.01	14.57	12.33	42.13	38.92	3.213	33.73	34.83	26.615	0	0	
"2014-01-21	02:00:00"	9.95	5.127	10.87	11.74	6.526	359.7	11.99	9.35	37.92	34.88	3.042	37.64	39.5	26.616	0	0	
"2014-01-21	03:00:00"	10.52	12.78	6.555	12.93	7.106	10.23	11.66	10.54	37.24	34.2	3.043	38.99	40.7	26.619	0.00317	0	
"2014-01-21	04:00:00"	11.04	17.23	7.091	14.72	7.838	15.65	13.12	11.14	37.07	34.53	2.535	38.61	39.75	26.623	0.00048	0	
"2014-01-21	05:00:00"	9.18	319	13.13	13.52	5.27	320.1	12.43	9.35	35.86	32.45	3.416	39	42.09	26.634	0.00019	0	
"2014-01-21	06:00:00"	9.86	315.1	8.93	12.33	5.16	321.3	12	8.16	33.33	30.22	3.12	42.75	45.88	26.647	0.01929	0	
"2014-01-21	07:00:00"	7.888	333.6	6.723	11.14	4.035	349.9	16.71	6.964	34.59	30.51	4.079	40.89	45.13	26.658	0.02572	0	
"2014-01-21	08:00:00"	5.36	353.3	36.73	9.35	3.317	347.6	43.3	6.368	35.69	28.35	7.341	38.4	47.87	26.665	1.6178	0	
"2014-01-21	09:00:00"	1.915	171.8	46.32	3.386	1.783	332.4	26.54	3.982	36.83	30.96	5.872	35.87	46.26	26.669	87.151	0	
"2014-01-21	10:00:00"	3.77	175.2	32.26	11.74	3.013	186.6	59.84	10.54	40.45	40.41	0.036	32.4	31.88	26.683	272.73	0	
"2014-01-21	11:00:00"	9.66	208.5	14.41	15.31	8.19	209.8	16.84	14.72	47.27	45.59	1.671	26.94	26.34	26.668	449.2	0	
"2014-01-21	12:00:00"	10.74	216.5	15.37	17.7	9.21	218.5	18.7	15.91	51.19	48.84	2.348	24.4	24.22	26.65	582.58	0	
"2014-01-21	13:00:00"	11.89	219.5	15.96	19.49	10.02	223.5	19.14	17.7	54.84	52.53	2.309	21.06	20.65	26.609	655.32	0	
"2014-01-21	14:00:00"	13.12	218.4	16.17	20.68	11.04	221.2	19.73	18.89	57.29	54.98	2.307	18.58	18.02	26.556	660.76	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-01-21	15:00:00"	13.73	214.1	15.88	21.28	11.57	215.3	19.46	20.09	59.1	57.33	1.771	16.94	16.03	26.513	588.07	0
"2014-01-21	16:00:00"	14.07	217.2	14.85	23.07	11.7	218.5	18.32	21.28	60.32	58.44	1.88	15.02	14.07	26.482	478.26	0
"2014-01-21	17:00:00"	13.53	215.8	14.74	22.47	11.34	215.7	17.09	20.68	59.6	58.17	1.435	14.58	13.44	26.461	314.27	0
"2014-01-21	18:00:00"	11.2	211.5	13.39	20.68	9.42	210.2	15.16	17.1	56.62	56.57	0.05	16.34	14.7	26.452	124.93	0
"2014-01-21	19:00:00"	8.32	196.9	11.02	11.74	6.288	199.7	10.14	9.35	51.96	51.23	0.722	19.18	18.09	26.437	3.6547	0
"2014-01-21	20:00:00"	8.56	196.7	7.873	14.12	6.094	202.1	8.61	9.35	47.12	45.91	1.209	22.09	21.29	26.424	0	0
"2014-01-21	21:00:00"	6.092	210.3	11.74	8.16	4.527	203.6	11.32	6.964	45.54	44.81	0.728	23.37	22.32	26.415	0	0
"2014-01-21	22:00:00"	6.312	220.4	12.55	9.95	4.385	223.3	14.43	6.964	43.6	42.84	0.756	25.03	24.07	26.402	0	0
"2014-01-21	23:00:00"	6.577	230.8	11.42	9.35	4.709	238	13.56	6.964	42.09	41.33	0.768	26.99	26.17	26.393	0	0
"2014-01-22	00:00:00"	8.26	244.1	6.741	9.95	5.599	253.2	9.68	8.75	42.94	41.35	1.592	26.13	26.09	26.384	0	0
"2014-01-22	01:00:00"	8.9	245.4	7.971	11.14	6.181	255.2	10.13	9.35	42.24	40.26	1.988	26.4	26.87	26.366	0	0
"2014-01-22	02:00:00"	9.03	255.4	11.92	11.74	6.281	266.2	12.19	9.35	41.72	40.23	1.486	26.55	26.5	26.346	0	0
"2014-01-22	03:00:00"	7.513	247.2	11.14	10.54	5.073	254.6	15.13	8.75	42.82	41.01	1.807	26.57	26.62	26.328	0	0
"2014-01-22	04:00:00"	6.473	238.9	7.579	8.75	4.37	247.5	11.07	6.964	43.21	41.02	2.188	27.33	27.58	26.305	0	0
"2014-01-22	05:00:00"	5.178	272.8	27.94	8.16	3.5	285.3	39.54	6.368	39.64	35.62	4.022	30.81	33.08	26.287	0.0001	0
"2014-01-22	06:00:00"	3.681	279.4	34.81	7.561	1.961	225.7	73.84	4.578	38.03	33.53	4.5	34.18	37.22	26.271	0.00182	0
"2014-01-22	07:00:00"	6.148	278.3	29.15	9.35	3.556	276.5	37.04	6.964	31.81	28.73	3.081	40.99	44.76	26.277	0.04079	0
"2014-01-22	08:00:00"	10.43	317.3	4.872	13.52	5.939	322.1	6.831	9.95	35.14	32.08	3.057	35.99	38.62	26.294	2.0159	0
"2014-01-22	09:00:00"	9.66	321	16.08	12.93	5.698	324.2	18.8	9.35	40.37	38.83	1.536	27.63	28.88	26.309	110.22	0
"2014-01-22	10:00:00"	8.94	301.9	9.57	13.52	5.25	305.7	10.91	9.35	46.97	46.94	0.029	22.5	21.58	26.312	185.72	0
"2014-01-22	11:00:00"	6.738	280.2	13.2	9.95	5.02	284.3	13.97	8.75	49.27	49.48	-0.216	22.43	21.08	26.305	213.79	0
"2014-01-22	12:00:00"	11.4	295.1	8.44	17.1	6.965	299.7	10.45	12.93	52.92	53.84	-0.919	17.54	15.88	26.296	237.43	0
"2014-01-22	13:00:00"	10.93	299.7	11.72	16.51	7.168	304.7	13.67	12.93	55.32	56.22	-0.904	15.38	13.67	26.272	419.6	0
"2014-01-22	14:00:00"	10.73	310.8	13.59	15.91	7.245	315.2	14.12	14.72	55.94	56.12	-0.185	14.06	12.5	26.24	211.94	0
"2014-01-22	15:00:00"	8.96	1.429	17.11	12.93	7.413	1.903	19.48	11.74	55.91	54.79	1.113	16.2	15.14	26.216	212.84	0
"2014-01-22	16:00:00"	10.17	8.43	14.24	14.72	8.49	8.39	17.64	14.12	54.3	53.66	0.632	18.27	17.05	26.211	266.52	0
"2014-01-22	17:00:00"	12.03	22.6	9.7	16.51	10.09	25.61	14.05	15.31	53.47	52.4	1.073	21.07	19.84	26.203	239.78	0
"2014-01-22	18:00:00"	11.95	23.61	9.23	16.51	9.69	26.51	12.84	14.72	50.89	49.11	1.777	22.62	21.89	26.215	50.445	0
"2014-01-22	19:00:00"	11.04	35.58	7.242	14.72	8.97	39.51	8.76	13.52	47.46	45.54	1.927	25.98	25.51	26.227	2.7437	0
"2014-01-22	20:00:00"	11.36	37.49	8.16	15.31	9.2	41.64	9.53	12.93	46.1	43.41	2.694	27.89	27.95	26.243	0	0
"2014-01-22	21:00:00"	15.13	40.96	7.313	23.66	12.38	44.71	8.59	20.09	44.66	42.64	2.024	30.91	30.62	26.248	0	0
"2014-01-22	22:00:00"	14.59	51.95	7.772	20.68	11.37	56.32	9.85	17.7	44.41	41.8	2.609	33.2	33.4	26.266	0	0
"2014-01-22	23:00:00"	16.17	52.52	7.623	23.07	12.45	57.76	9.64	19.49	42.87	40.34	2.533	35.29	35.71	26.282	0	0
"2014-01-23	00:00:00"	15.63	54.6	8.39	24.26	11.93	59.7	10.58	20.09	40.71	38.13	2.587	38.15	38.81	26.293	0	0
"2014-01-23	01:00:00"	14.5	52.13	7.916	21.28	11.01	56.52	9.96	18.3	38.91	36.22	2.692	41.35	42.58	26.304	0	0
"2014-01-23	02:00:00"	14.75	49.67	7.648	20.68	11.49	53.59	9.37	18.89	37.01	35.7	1.307	44.67	44.43	26.322	0	0
"2014-01-23	03:00:00"	16.54	51.24	7.879	24.86	12.8	55.75	10.04	20.68	36.98	35.46	1.523	44.58	44.44	26.342	0.0001	0
"2014-01-23	04:00:00"	18.2	53.43	8.09	26.05	14.1	58.16	10.19	24.26	36.29	34.96	1.331	44.84	44.53	26.353	0.00096	0
"2014-01-23	05:00:00"	19.24	51.65	7.88	29.03	14.79	56.78	10.08	23.07	34.93	33.81	1.128	47.71	47.29	26.371	0.00019	0
"2014-01-23	06:00:00"	19.1	52.63	8.34	29.63	14.54	57.97	10.57	24.26	33.35	32.11	1.241	52.49	52.43	26.402	0.00096	0
"2014-01-23	07:00:00"	18.96	52.77	9.01	27.84	14.65	57.91	11.1	22.47	32.72	31.39	1.33	53.84	53.67	26.447	0.00067	0
"2014-01-23	08:00:00"	18.43	54.85	9.26	30.22	14.12	60.14	11.22	23.66	31.58	30.36	1.224	51.85	51.56	26.485	0.84946	0
"2014-01-23	09:00:00"	19.1	52.74	8.98	29.63	14.66	57.77	10.89	24.26	29.98	29.5	0.482	51.37	50.24	26.535	52.588	0
"2014-01-23	10:00:00"	22.33	56.41	11.9	35.59	17.42	61.15	13.53	27.84	30.2	32.1	-1.892	47.61	43.47	26.585	205.51	0
"2014-01-23	11:00:00"	20.9	49.42	10.04	29.03	16.74	53.84	12.19	26.65	30.82	33.15	-2.334	47.27	41.75	26.623	342.46	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-01-23	12:00:00"	20.96	49.93	10.44	29.63	16.81	54.11	11.83	26.05	31.2	34.02	-2.822	45.08	39.11	26.648	424.85	0
"2014-01-23	13:00:00"	21.62	53.67	10.92	33.21	17.23	57.95	12.82	28.43	31.85	34.72	-2.864	40.57	35.56	26.653	447.37	0
"2014-01-23	14:00:00"	21.18	53.15	11.16	29.63	16.93	57.85	12.9	26.05	32.26	35.37	-3.109	37.73	32.83	26.651	487	0
"2014-01-23	15:00:00"	22.58	45.68	11.58	31.42	18.41	49.66	13.39	29.03	31.25	34.19	-2.942	30.27	25.95	26.66	343.56	0
"2014-01-23	16:00:00"	22.4	42.79	11.87	31.42	18.27	47.1	13.33	27.84	28.94	31.97	-3.025	25.28	21.32	26.673	318.88	0
"2014-01-23	17:00:00"	21.15	37.4	8.49	30.22	17.6	41.11	10.31	27.24	26.7	29.45	-2.75	17.98	14.82	26.687	175.2	0
"2014-01-23	18:00:00"	18.43	43.64	9.72	28.43	14.94	47.53	11.45	23.07	25.68	27.85	-2.17	15.51	12.79	26.702	58.319	0
"2014-01-23	19:00:00"	15.16	40.82	7.891	22.47	12.59	45.06	9.05	21.28	24.48	26.12	-1.643	14.26	11.89	26.729	1.6295	0
"2014-01-23	20:00:00"	13.99	37.76	7.813	20.68	11.5	41.41	8.99	18.89	23.11	25.05	-1.94	14.65	12.26	26.766	0.05396	0
"2014-01-23	21:00:00"	12.19	42.21	7.065	17.1	10.04	46.16	8.32	14.72	21.31	24.03	-2.717	16.19	13.55	26.791	0.04032	0
"2014-01-23	22:00:00"	7.762	54.42	8.9	14.72	5.927	58.91	10.49	11.74	19.95	22.97	-3.025	18.66	15.6	26.805	0.00835	0
"2014-01-23	23:00:00"	6.885	54.02	6.643	8.75	4.9	55.39	8.31	6.964	17.74	20.64	-2.9	21.39	18.46	26.82	0.00106	0
"2014-01-24	00:00:00"	8.05	42.18	9.4	11.74	6.088	45.38	11.92	9.35	16.89	20.9	-4.018	22.89	19.03	26.823	0	0
"2014-01-24	01:00:00"	7.162	32.61	11.9	12.33	5.436	28.73	19.02	10.54	16.12	19.52	-3.394	25.03	20.97	26.822	0	0
"2014-01-24	02:00:00"	4.242	349.2	17.01	5.771	2.298	316	11.51	3.982	14.35	14.84	-0.495	28.24	26.88	26.82	0	0
"2014-01-24	03:00:00"	2.908	344.4	26.2	4.578	2.195	319	18.48	3.982	15.27	12.84	2.437	26.94	30.72	26.812	0	0
"2014-01-24	04:00:00"	3.956	330.1	11.45	5.175	3.053	338.3	10.86	3.982	15.52	12.36	3.155	27.89	33.28	26.798	0	0
"2014-01-24	05:00:00"	5.645	304.9	7.096	7.561	2.794	315.7	8.9	4.578	14.58	11.9	2.68	32.73	37.32	26.779	0	0
"2014-01-24	06:00:00"	5.375	297.1	10.24	6.964	2.65	307.7	12.44	4.578	13.25	13.43	-0.186	36.68	36.82	26.766	0	0
"2014-01-24	07:00:00"	3.895	254.2	19.73	5.771	2.861	270	22.88	5.175	13.75	13	0.746	37.05	37.37	26.751	0	0
"2014-01-24	08:00:00"	4.554	243.1	10.74	6.368	3.642	251	12.3	6.368	13.86	13.21	0.646	36.92	36.98	26.742	1.8545	0
"2014-01-24	09:00:00"	6.463	239.8	10.83	11.14	5.474	246.5	12.72	9.95	16.32	15.47	0.853	36.36	34.93	26.726	94.248	0
"2014-01-24	10:00:00"	8.82	231.2	14.42	13.52	7.636	233.2	16.98	13.52	22.33	21.79	0.531	26	24.48	26.705	276.19	0
"2014-01-24	11:00:00"	10.12	238.7	12.52	14.72	8.65	243.3	15.44	14.12	28.46	26.36	2.098	18.46	18.1	26.693	446.12	0
"2014-01-24	12:00:00"	10.5	233.7	13.54	18.89	9.06	239.1	16	17.1	32.93	31.04	1.888	14.8	14.18	26.674	573.58	0
"2014-01-24	13:00:00"	12.22	226.8	16.17	20.68	10.31	229.8	19.06	17.1	36.97	36.71	0.261	13.91	12.68	26.641	638.68	0
"2014-01-24	14:00:00"	12.2	227.8	16.09	20.68	10.17	230.9	19.77	18.89	41.6	41.82	-0.221	15.47	13.94	26.599	670.68	0
"2014-01-24	15:00:00"	13.1	231.4	15.65	21.28	10.92	236	19.14	19.49	44.74	44.6	0.141	16.77	15.38	26.557	593.08	0
"2014-01-24	16:00:00"	10.57	236.5	16.87	17.7	8.88	241.8	20.07	17.7	47.77	46.58	1.186	16.28	15.27	26.527	475.11	0
"2014-01-24	17:00:00"	10.16	238.1	14.48	14.72	8.56	243.4	17.61	14.72	49.46	47.01	2.448	15.81	15.38	26.511	302.46	0
"2014-01-24	18:00:00"	9.49	238.1	10.91	14.12	8.07	244.8	11.83	13.52	50.78	46.92	3.864	15.97	16.34	26.502	124.35	0
"2014-01-24	19:00:00"	7.096	233	11.2	11.14	5.55	235.8	14.38	9.35	48.06	43.18	4.883	17.18	18.53	26.501	3.8577	0
"2014-01-24	20:00:00"	6.672	232.9	10.66	9.35	4.766	234.5	13.44	8.16	43.95	39.06	4.897	19.79	21.47	26.503	0	0
"2014-01-24	21:00:00"	6.136	237.6	17.26	9.35	4.198	244.6	23.6	8.16	42.06	36.82	5.238	21.27	23.52	26.498	0	0
"2014-01-24	22:00:00"	6.19	243.1	12.82	9.35	3.853	254.1	15.52	6.368	39.91	34.38	5.532	23.05	25.74	26.492	0.00115	0
"2014-01-24	23:00:00"	8.19	258.4	7.254	11.14	6.164	268.6	8.38	9.35	39.08	35.67	3.412	23.96	25.08	26.488	0.00048	0
"2014-01-25	00:00:00"	8.77	260.2	7.02	11.14	7.126	271.4	7.351	9.95	38.81	36.12	2.683	23.9	24.32	26.485	0	0
"2014-01-25	01:00:00"	8.22	265	6.02	10.54	5.659	277.9	10.63	8.75	38.2	35.28	2.925	24.54	25.32	26.472	0.00048	0
"2014-01-25	02:00:00"	9.03	291.9	16.97	12.33	4.718	304.9	15.63	8.16	36.81	32.34	4.473	26.67	29.3	26.459	0.00662	0
"2014-01-25	03:00:00"	10.23	303.6	4.929	12.93	4.355	307.6	9.97	8.16	34.72	31.46	3.259	30.75	33.09	26.45	0.00672	0
"2014-01-25	04:00:00"	12.59	308.5	4.075	14.72	7.194	316.9	7.346	10.54	34.86	36.06	-1.201	31.11	29.77	26.437	0.00739	0
"2014-01-25	05:00:00"	13.3	305	5.116	17.7	7.261	313.2	7.935	11.14	35.5	37.68	-2.185	31.37	27.99	26.421	0.00058	0
"2014-01-25	06:00:00"	12.77	309.8	4.998	15.31	7.541	316.8	7.417	11.74	35.41	36.91	-1.509	33.64	30.85	26.409	0.00048	0
"2014-01-25	07:00:00"	12.4	311.5	5.297	16.51	7.546	317.2	7.44	12.33	37.54	39.06	-1.528	32.47	29.68	26.412	0.0001	0
"2014-01-25	08:00:00"	9.45	313	5.23	12.93	5.164	320.6	10.78	8.75	37.48	36.67	0.81	31.82	31.77	26.417	1.1003	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-25	09:00:00"	9.31	327	6.173	12.93	5.998	332.8	8.53	10.54	39.68	37.25	2.426	28.55	30.48	26.422	44.87	0
"2014-01-25	10:00:00"	7.876	334.4	7.734	11.74	6.023	337	8.51	9.35	45.7	45.1	0.596	21.7	20.92	26.434	166.35	0
"2014-01-25	11:00:00"	8.69	331.2	11.42	12.33	7.065	333.4	12.55	11.14	55.52	56.59	-1.07	12.54	10.76	26.443	359.08	0
"2014-01-25	12:00:00"	7.394	308.6	20.97	11.74	5.769	311.9	20.96	10.54	57.66	59	-1.341	12.84	10.95	26.44	387.4	0
"2014-01-25	13:00:00"	5.688	244.1	22.23	12.33	4.868	248	22.6	11.14	58.77	59.26	-0.487	11.73	10.03	26.414	408.31	0
"2014-01-25	14:00:00"	8.18	227.3	15.6	12.93	7.072	231.3	18.14	12.33	59.46	60.43	-0.966	11.96	9.98	26.384	430.38	0
"2014-01-25	15:00:00"	5.374	230.7	18.59	10.54	4.588	233.2	21.03	9.35	59.78	60.72	-0.941	12.06	10.12	26.349	283.43	0
"2014-01-25	16:00:00"	4.632	205.2	18.62	8.16	3.981	206.6	21.56	7.561	60.5	61.3	-0.799	9.9	8.11	26.332	275.39	0
"2014-01-25	17:00:00"	3.381	225.3	28.6	5.771	2.856	234.5	31.87	5.175	60.83	61.19	-0.365	10.19	8.53	26.321	171.11	0
"2014-01-25	18:00:00"	4.391	169.6	23.55	9.35	3.171	162.2	27.42	7.561	60.52	60	0.521	10.27	9.29	26.31	43.578	0
"2014-01-25	19:00:00"	5.692	197.7	13.38	8.75	3.893	198.1	12.06	6.964	57.69	56.65	1.035	11.12	10.16	26.307	2.701	0
"2014-01-25	20:00:00"	5.895	208.7	10.76	9.35	4.082	206.5	12.5	6.964	55.44	54.64	0.803	13.45	12.35	26.303	0	0
"2014-01-25	21:00:00"	4.668	210.7	10.62	8.16	3.305	203.2	10.58	5.771	54.28	53.44	0.837	14.31	13.32	26.291	0	0
"2014-01-25	22:00:00"	5.467	221.9	11.7	8.16	3.947	223.1	13.87	6.964	50.98	51.04	-0.059	17.2	15.78	26.277	0	0
"2014-01-25	23:00:00"	6.914	222.3	12.1	10.54	5.251	221.7	12.79	8.16	49.23	49.58	-0.351	19.32	17.7	26.261	0	0
"2014-01-26	00:00:00"	6.243	229.3	15.2	8.16	4.064	229.4	21.53	6.368	46.79	46.58	0.214	21.98	20.63	26.245	0	0
"2014-01-26	01:00:00"	6.856	231.4	13.65	9.35	4.782	235.5	19.02	8.16	45.51	45.17	0.341	23.53	22.64	26.222	0	0
"2014-01-26	02:00:00"	7.245	235.4	8.8	9.95	5.213	239.5	11.18	8.16	44.14	44.73	-0.59	25.02	23.57	26.199	0	0
"2014-01-26	03:00:00"	6.228	227.7	10.96	9.95	4.769	227	12.65	8.16	41.44	42.54	-1.099	27.19	25.15	26.176	0	0
"2014-01-26	04:00:00"	4.969	258.7	24.27	8.75	3.058	274.2	39.84	6.368	40.87	39.7	1.169	28.85	28.16	26.159	0	0
"2014-01-26	05:00:00"	8.69	271.8	10.13	13.52	4.985	276.9	14.98	9.35	45.95	42.09	3.862	27.05	29.52	26.147	0	0
"2014-01-26	06:00:00"	8.65	280.7	11.36	12.33	4.236	286.3	16.22	8.16	44.72	43.94	0.778	29.62	28.93	26.127	0	0
"2014-01-26	07:00:00"	10.99	295.5	9.24	15.31	5.302	303.2	10.75	10.54	44.44	44.21	0.231	32.32	32.19	26.119	0	0
"2014-01-26	08:00:00"	11.19	298.5	6.412	14.12	5.069	303.9	8.73	7.561	42.64	45.3	-2.658	34.78	31.22	26.128	2.189	0
"2014-01-26	09:00:00"	12.29	296.8	7.002	20.68	6.461	301.4	9.42	14.12	44.36	47.32	-2.962	34.34	31.26	26.137	102.53	0
"2014-01-26	10:00:00"	20.21	306.3	7.786	31.42	12.19	311.1	9.86	24.86	51.97	56.75	-4.778	23.78	19.3	26.149	286.86	0
"2014-01-26	11:00:00"	24.76	320	8.31	33.8	18.07	324	9.84	27.84	58.89	63.34	-4.448	12.64	9.48	26.161	458.68	0
"2014-01-26	12:00:00"	21.59	333.8	8.91	30.22	17.09	336.1	10.62	27.84	61.91	66.8	-4.883	15.29	11.8	26.162	591.21	0
"2014-01-26	13:00:00"	19.03	332	10.89	27.24	15.12	334	12.15	22.47	64.05	67.85	-3.802	15.05	12.04	26.147	664.31	0
"2014-01-26	14:00:00"	16.03	319	14.47	24.26	11.58	322.6	15.41	21.28	66.02	69.61	-3.592	14.19	11.36	26.121	671.23	0
"2014-01-26	15:00:00"	14.96	316.3	14.72	23.66	10.74	319.9	14.51	20.09	67.6	71.41	-3.813	13.35	10.49	26.101	598.25	0
"2014-01-26	16:00:00"	13.13	311.5	13.87	20.68	9.15	316.4	15.3	17.1	69.25	72.75	-3.498	12.31	9.6	26.089	492.76	0
"2014-01-26	17:00:00"	12.95	296.5	11.73	18.89	8.09	301.3	13.1	15.91	68.87	70.82	-1.951	11.92	9.62	26.084	329.06	0
"2014-01-26	18:00:00"	11.72	282.4	9.82	17.7	8	288.7	11.14	13.52	68.25	67.55	0.701	11.54	10.06	26.087	141.88	0
"2014-01-26	19:00:00"	12.9	277.4	8.14	18.3	8.34	285.9	11.32	15.31	65.4	63.2	2.197	11.46	10.62	26.099	6.884	0
"2014-01-26	20:00:00"	9.49	290.5	9.88	12.33	4.228	304.4	13.16	6.368	59.66	55.04	4.622	13.34	14.04	26.112	0	0
"2014-01-26	21:00:00"	8.45	272.7	11.8	15.31	4.863	283.2	16.82	9.35	57.09	53.17	3.926	14.7	15.34	26.126	0	0
"2014-01-26	22:00:00"	5.29	267	16.95	9.95	2.823	275.9	31.36	5.771	53.09	49.62	3.47	16.85	17.67	26.135	0	0
"2014-01-26	23:00:00"	6.662	264.7	9.62	9.95	3.793	278.4	16.42	6.368	54.62	50.35	4.27	15.36	16.46	26.138	0	0
"2014-01-27	00:00:00"	6.123	273.9	12.02	8.75	3.318	288.8	15.05	5.771	53.71	49.29	4.421	17.02	18.06	26.142	0	0
"2014-01-27	01:00:00"	7.792	288.6	7.092	9.35	3.175	301	8.78	5.175	51.67	44.18	7.495	18.8	22.69	26.143	0	0
"2014-01-27	02:00:00"	10.84	309.1	6.892	14.12	5.413	320.9	12.01	8.16	47.92	41.15	6.778	21.46	25.87	26.148	0	0
"2014-01-27	03:00:00"	11.42	313.4	5.193	14.12	6.295	318.9	7.629	9.35	45.73	42.76	2.974	22.94	24.26	26.156	0	0
"2014-01-27	04:00:00"	15.14	335.6	28.13	31.42	10.11	338.8	26.71	24.26	47.87	45.6	2.267	21.38	22.04	26.186	0	0
"2014-01-27	05:00:00"	22.65	42.5	13.62	42.75	18.19	46.27	14.95	38.57	44	45.02	-1.021	32.19	29.55	26.248	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-27	06:00:00"	28.85	42.12	7.953	42.15	23.6	45.91	9.16	36.19	34.22	35.63	-1.41	55.47	50.41	26.297	0
"2014-01-27	07:00:00"	27.14	45.3	7.963	37.98	22.1	49.01	9.4	35.59	29.61	30.76	-1.152	46.84	42.88	26.33	0.00202
"2014-01-27	08:00:00"	23.84	40.27	7.945	36.78	19.53	43.56	9.44	32.61	27.88	29	-1.124	40.07	36.94	26.398	1.4342
"2014-01-27	09:00:00"	19.15	34.51	8.32	29.03	15.75	38.06	10.24	24.86	27.57	28.87	-1.297	35.73	32.75	26.455	98.631
"2014-01-27	10:00:00"	19.74	40.4	8.68	28.43	16.31	43.93	10.59	25.45	28.29	29.87	-1.58	30.3	27.12	26.49	282.48
"2014-01-27	11:00:00"	17.95	44.78	11.17	27.84	14.96	48.29	12.65	23.07	29.18	31.09	-1.904	24.39	21.35	26.507	393.32
"2014-01-27	12:00:00"	12.89	48.76	16.95	21.87	10.74	51.99	19.24	18.3	31.82	33.05	-1.231	21.48	18.87	26.515	427.79
"2014-01-27	13:00:00"	11.28	56.71	17.96	17.7	9.36	60.6	19.5	15.31	31.35	32.87	-1.523	20.63	18.14	26.475	307.7
"2014-01-27	14:00:00"	10.4	70.18	18.47	17.1	8.67	73.8	19.62	15.31	32.71	33.21	-0.504	19.93	18	26.425	443.65
"2014-01-27	15:00:00"	7.771	79.62	26.17	14.12	6.67	83	28.45	12.93	33.63	36.81	-3.175	19.23	16.05	26.394	557.58
"2014-01-27	16:00:00"	7.545	100	24.87	14.72	6.488	102.5	27.62	12.93	35.18	38.69	-3.518	19.06	15.47	26.366	480.42
"2014-01-27	17:00:00"	7.406	111.3	24.64	13.52	6.317	115.3	26.64	11.74	36.73	37.64	-0.906	18.39	16.2	26.357	312.08
"2014-01-27	18:00:00"	6.937	98.9	19.47	10.54	5.886	102	21.31	9.95	34.37	35.13	-0.755	19.33	17.23	26.346	132.29
"2014-01-27	19:00:00"	7.151	87.6	10.49	11.14	5.2	90.6	12.27	8.75	32.37	31.06	1.316	19.93	19.29	26.349	6.644
"2014-01-27	20:00:00"	7.326	101.2	8.74	9.35	5.199	102.2	10.36	7.561	30.14	28.39	1.751	21.46	21.3	26.349	0.00509
"2014-01-27	21:00:00"	7.752	108.9	10.12	11.14	5.406	110.5	12.74	8.16	29.55	26.41	3.135	21.39	22.32	26.345	0.07593
"2014-01-27	22:00:00"	7.807	100.5	18.41	11.14	5.596	100.6	20.6	8.75	28.04	24.91	3.123	22.3	23.44	26.351	0.11713
"2014-01-27	23:00:00"	10.13	108.3	8.15	13.52	7.837	111.3	10.08	11.74	26.01	23.27	2.742	23.53	24.44	26.343	0.12318
"2014-01-28	00:00:00"	10.98	103.4	7.671	15.91	8.76	106.1	8.82	12.93	24.22	22.08	2.135	24.45	24.87	26.343	0.0769
"2014-01-28	01:00:00"	11.94	86.8	8.61	18.89	9.1	89.1	10.36	14.12	22.33	20.7	1.637	22.9	22.72	26.361	0.08497
"2014-01-28	02:00:00"	14.83	75.24	7.892	22.47	11.33	77.43	9.5	18.89	20.13	19.23	0.897	21.48	20.66	26.371	0.02919
"2014-01-28	03:00:00"	15.37	68.18	7.722	21.28	11.94	71.81	9.48	18.89	18.32	17.71	0.609	22.06	20.94	26.38	0.02074
"2014-01-28	04:00:00"	17.88	64.11	8.16	26.65	13.86	68.45	9.62	22.47	17.31	17	0.313	24.45	23.18	26.398	0.00384
"2014-01-28	05:00:00"	16.18	60.92	8.38	25.45	12.48	65.86	10.31	20.68	14.8	14.45	0.346	25.35	23.97	26.425	0.00048
"2014-01-28	06:00:00"	13.02	50.7	9.11	24.26	10.38	55.01	10.81	18.3	13.35	12.67	0.684	24.29	23.21	26.461	0.0001
"2014-01-28	07:00:00"	10	39.46	9.66	16.51	8.24	42.68	11.03	14.72	12.46	11.88	0.589	25.92	24.96	26.491	0
"2014-01-28	08:00:00"	10.95	28.06	7.969	18.3	9.05	31.3	11.15	15.91	12.18	13.08	-0.903	27.59	25.72	26.518	3.6326
"2014-01-28	09:00:00"	13.57	29.43	7.976	20.09	11.25	33.19	10.77	18.89	12.98	15.35	-2.376	27.68	24.27	26.543	84.978
"2014-01-28	10:00:00"	13.04	28.17	9.69	17.7	10.94	31.4	12.87	16.51	14.89	17.9	-3.006	26.68	22.92	26.561	209.71
"2014-01-28	11:00:00"	13.2	26.91	10.58	17.7	11.13	29.42	14.13	16.51	16.5	19.94	-3.438	25.82	21.59	26.579	268.49
"2014-01-28	12:00:00"	12.44	31.17	11.59	17.7	10.63	34.06	14.23	15.91	19.4	23.11	-3.711	24.26	20.24	26.574	493.72
"2014-01-28	13:00:00"	10.71	31.5	15.19	17.1	9.19	34.78	18.55	15.91	23.02	26.6	-3.58	21.75	17.93	26.558	605.26
"2014-01-28	14:00:00"	8.94	17.85	18.13	14.72	7.724	19.12	22	14.12	26.55	30.56	-4.007	18.01	14.59	26.53	626.79
"2014-01-28	15:00:00"	9.12	18.74	17.96	16.51	7.863	19.81	21.92	15.31	29.81	34.97	-5.158	15.74	12.01	26.502	598.8
"2014-01-28	16:00:00"	8.08	32.21	22.96	15.31	6.932	34.9	26.99	12.93	30.84	35.84	-5.008	16.89	12.89	26.495	502.15
"2014-01-28	17:00:00"	7.297	36.35	15.99	12.93	6.387	38.25	18.98	12.33	31.02	35.67	-4.653	16.59	12.77	26.499	332.86
"2014-01-28	18:00:00"	5.889	47.07	16.11	11.74	4.961	50.22	18.53	9.95	31.1	33.42	-2.319	15.77	13.04	26.506	145.01
"2014-01-28	19:00:00"	5.351	92.1	6.946	6.964	3.329	93.3	8.39	5.175	30.34	28.01	2.336	16.11	15.78	26.502	7.7982
"2014-01-28	20:00:00"	6.733	117	6.74	8.16	3.522	110	11.75	4.578	28.54	24.23	4.301	17.61	18.26	26.511	0.08505
"2014-01-28	21:00:00"	7.435	128.3	7.901	8.75	3.606	125	11.65	5.771	27.96	22.29	5.672	18.99	20.66	26.522	0.08363
"2014-01-28	22:00:00"	7.909	143.9	8.81	9.95	5.296	141.6	11.2	8.16	27.36	22.42	4.934	19.4	21.32	26.518	0.03332
"2014-01-28	23:00:00"	8.24	169	14.84	12.93	6.342	168.9	16.8	9.95	25.51	22.1	3.411	19.8	20.73	26.518	0.04158
"2014-01-29	00:00:00"	4.642	211.5	14.46	8.75	3.529	208.6	13.62	6.368	21.95	19.6	2.35	21.66	22.13	26.529	0.01594
"2014-01-29	01:00:00"	3.577	235.4	20.61	5.175	2.36	240	30.93	3.982	20.83	19.08	1.748	22.44	22.13	26.513	0.00279
"2014-01-29	02:00:00"	4.386	252.7	10.24	5.771	2.988	261.7	11.3	4.578	21.23	19.02	2.214	22.74	22.93	26.488	0.00202

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-01-29	03:00:00"	3.57	238	10.16	5.175	2.368	245.3	14.44	3.982	21.63	19.16	2.468	22.65	23.09	26.474	0.00019		0
"2014-01-29	04:00:00"	4.261	238.6	9.79	6.368	3.093	248.1	14.02	4.578	22.41	18.63	3.783	22.08	23.79	26.466	0		0
"2014-01-29	05:00:00"	3.84	237.7	17.52	5.175	2.611	247.9	26.19	4.578	20.66	18.18	2.48	23.37	24.34	26.461	0.0001		0
"2014-01-29	06:00:00"	4.382	220.8	13.74	6.964	3.29	223.3	15.5	5.771	20.25	17.69	2.564	24.14	24.76	26.447	0		0
"2014-01-29	07:00:00"	4.391	190.6	10.71	6.368	2.791	187.5	12.43	3.982	19.24	17.03	2.213	25.03	26.06	26.433	0		0
"2014-01-29	08:00:00"	4.779	191.4	10.06	8.16	3.2	192.3	12.6	5.175	19.64	17.25	2.393	25.31	26.29	26.433	2.6749		0
"2014-01-29	09:00:00"	7.38	186.1	7.701	13.52	5.667	188.9	10.44	11.14	22.17	19.17	3.002	24.91	25.57	26.424	108.04		0
"2014-01-29	10:00:00"	12.16	178.3	7.365	17.7	9.91	179.3	11.02	14.72	28.02	25.51	2.514	20.5	20.37	26.414	294.61		0
"2014-01-29	11:00:00"	14.15	182.4	9.77	19.49	11.64	184	13.62	17.1	33.75	31.95	1.795	18.42	17.83	26.409	468.35		0
"2014-01-29	12:00:00"	14.11	186.2	10.85	20.68	11.59	188.6	14.32	17.1	37.9	36.72	1.177	17.85	16.91	26.397	599.07		0
"2014-01-29	13:00:00"	13.34	187.7	12.14	21.87	11.05	189.6	15.16	17.7	41.92	40.75	1.167	17.59	16.56	26.366	671.93		0
"2014-01-29	14:00:00"	11.2	193.1	15.17	17.7	9.31	195.3	17.32	17.1	45.86	45.15	0.714	17.7	16.32	26.337	679.97		0
"2014-01-29	15:00:00"	11.97	199.6	14.7	18.89	10	201.5	16.92	17.1	48.77	47.61	1.157	17.24	16.03	26.299	609.24		0
"2014-01-29	16:00:00"	14.32	193.3	12.11	22.47	11.68	195.9	14.2	19.49	50.74	48.97	1.766	16.44	15.58	26.265	501.31		0
"2014-01-29	17:00:00"	14.2	189.2	11.14	22.47	11.46	192	13.65	18.89	51.67	49.52	2.148	16.28	15.58	26.246	334.19		0
"2014-01-29	18:00:00"	12.01	179.9	9.54	17.7	9.71	180.8	12.06	14.72	51.84	48.82	3.02	16.78	16.54	26.243	147.5		0
"2014-01-29	19:00:00"	9.44	176.8	7.122	12.93	7.17	175.8	9.12	11.14	47.97	44.9	3.073	19.22	19.3	26.238	8.6028		0
"2014-01-29	20:00:00"	8.99	180.7	7.774	15.31	6.468	182.3	10.07	12.33	44.3	41.63	2.676	22.12	22.15	26.232	0		0
"2014-01-29	21:00:00"	12.3	176.7	7.918	20.09	9.66	176.9	10.22	15.31	42.01	39.6	2.418	21.77	21.81	26.225	0		0
"2014-01-29	22:00:00"	9.48	200.1	10.82	12.93	7.261	203.4	9.93	10.54	36.97	35.34	1.631	24.45	23.97	26.216	0		0
"2014-01-29	23:00:00"	9.3	207.3	11.17	13.52	7.571	204.7	12.07	12.33	35.74	33.33	2.414	25.43	25.62	26.199	0		0
"2014-01-30	00:00:00"	9.1	209.5	12.1	13.52	7.425	209.9	14.91	11.74	32.78	31.87	0.917	28.83	28.1	26.175	0.0001		0
"2014-01-30	01:00:00"	8.97	213.8	12.76	14.12	7.545	215.3	14.5	12.93	32.09	30.88	1.207	29.87	29.11	26.155	0.00048		0
"2014-01-30	02:00:00"	9.17	215.8	12.43	15.91	7.704	220.4	13.03	12.93	32.95	30.04	2.917	28.99	29.92	26.128	0.00106		0
"2014-01-30	03:00:00"	8.15	229.5	13.69	11.74	6.578	234.7	16.76	10.54	32.46	29.19	3.271	29.66	30.86	26.112	0.00029		0
"2014-01-30	04:00:00"	7.889	226.7	11.48	12.33	6.543	226.7	12.91	11.14	31.63	29.03	2.605	30.65	31.81	26.099	0.01075		0
"2014-01-30	05:00:00"	7.931	224.3	11.93	11.74	6.731	224.8	12.96	10.54	30.22	28.91	1.306	33.48	33.21	26.092	0.01708		0
"2014-01-30	06:00:00"	7.899	226.5	12.16	12.93	6.605	226.1	13.2	11.74	29.63	28.65	0.975	34.88	34.25	26.075	0.0144		0
"2014-01-30	07:00:00"	7.751	220.8	12.65	11.74	6.624	221.4	13.07	11.14	31.07	28.44	2.627	34.26	35.07	26.065	0.00528		0
"2014-01-30	08:00:00"	7.742	231.9	11.74	11.74	6.344	234.3	14.84	9.95	29.99	28.47	1.522	36.44	36.55	26.077	3.0182		0
"2014-01-30	09:00:00"	8.42	227.9	12.32	14.72	7.044	229.9	14.29	12.33	30.46	30.09	0.362	38.35	37.26	26.086	82.118		0
"2014-01-30	10:00:00"	9.66	227	11.72	15.31	8.08	227.8	13.52	12.93	36.66	36.64	0.021	34.6	32.82	26.104	207.84		0
"2014-01-30	11:00:00"	11.22	223.2	12.9	17.1	9.74	223.8	13.3	15.31	42.72	42.34	0.384	30.61	29.04	26.113	314.85		0
"2014-01-30	12:00:00"	11	218.9	14.02	18.3	9.26	219.7	15.22	15.91	52.67	52.96	-0.291	25.27	23.12	26.118	491.69		0
"2014-01-30	13:00:00"	12.37	235.6	14.87	18.89	10.35	240.9	17.19	18.3	64.42	64.34	0.076	17.91	16.02	26.1	628.14		0
"2014-01-30	14:00:00"	13.22	234.7	15.65	21.28	10.86	240.3	18.29	20.09	70.63	69.95	0.68	15.58	13.92	26.062	495.33		0
"2014-01-30	15:00:00"	13.42	245.2	17.78	23.07	10.83	252.3	20.87	19.49	73.26	72.96	0.304	14.87	13.16	26.038	452.36		0
"2014-01-30	16:00:00"	15.06	256.5	10.42	24.26	11.93	265	12.58	23.66	74.22	73.94	0.286	14.93	13.33	26.03	221.64		0
"2014-01-30	17:00:00"	8.47	227.1	19.24	17.1	6.551	231.5	22.6	14.72	71.4	70.72	0.68	15.11	13.66	26.028	95.606		0
"2014-01-30	18:00:00"	7.844	216	14.15	14.12	6.045	215.1	16.32	11.14	67.98	67.27	0.704	16.31	14.93	26.034	41.412		0
"2014-01-30	19:00:00"	7.154	214.8	14.53	11.14	5.367	213.3	17.78	9.35	62.87	61.9	0.968	18.96	17.81	26.036	3.7783		0
"2014-01-30	20:00:00"	9.95	235	12.38	17.1	7.548	240.3	14.81	12.93	58.96	57.73	1.229	20.85	19.88	26.042	0		0
"2014-01-30	21:00:00"	10.67	233.1	11.6	17.1	8.05	236	13.13	14.72	57.76	56.41	1.347	21.61	20.77	26.052	0		0
"2014-01-30	22:00:00"	10.5	225.1	12.75	17.7	8.22	227.7	15.27	13.52	57.69	56.68	1.015	21.99	20.96	26.057	0		0
"2014-01-30	23:00:00"	10.28	213.9	12.81	16.51	7.954	214.4	15.12	14.12	58.17	57.37	0.809	22.54	21.46	26.058	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-01-31	00:00:00"	10.9	216.9	13.15	17.7	8.74	217.8	13.89	15.31	57.29	56.61	0.677	24.15	23	26.07	0	0
"2014-01-31	01:00:00"	9.64	247.8	23.26	17.7	6.962	254.4	28.03	13.52	58.75	57.46	1.296	24.01	23.31	26.073	0	0
"2014-01-31	02:00:00"	8.48	230.6	13.71	14.12	6.549	234.8	15.83	13.52	58.46	57.47	0.995	24.28	23.38	26.061	0	0
"2014-01-31	03:00:00"	9.33	231.8	11.16	13.52	7.209	237.4	13.42	12.33	55.26	54.24	1.022	26.96	26.13	26.052	0	0
"2014-01-31	04:00:00"	10.64	253.4	9.67	16.51	7.998	260.9	11.93	14.72	55.12	53.82	1.302	27.74	27.27	26.049	0	0
"2014-01-31	05:00:00"	9.05	251.8	8.75	12.93	5.977	257.4	11.89	9.35	53.47	51.69	1.789	30.2	30.27	26.05	0	0
"2014-01-31	06:00:00"	9.02	286.2	12.62	12.33	4.269	293.6	13.03	9.35	53.29	50.39	2.903	30.79	32.06	26.062	0	0
"2014-01-31	07:00:00"	9.26	284.3	10.91	12.93	4.877	288.9	12.58	8.75	52.27	49.46	2.809	32.92	34.34	26.08	0	0
"2014-01-31	08:00:00"	11.29	265	8.62	15.91	8.45	271.9	9.73	12.33	54.81	53.49	1.318	31.76	31.51	26.097	3.6428	0
"2014-01-31	09:00:00"	8.24	262.7	15.21	11.14	5.319	271.2	19.25	8.75	52.97	51.45	1.522	34.18	34.33	26.111	43.414	0
"2014-01-31	10:00:00"	9.5	268.8	12.37	14.72	6.907	275.8	15	12.93	56.72	57.53	-0.806	31.82	30.56	26.129	142.78	0
"2014-01-31	11:00:00"	8.31	257	19.68	12.93	6.369	264.3	21.93	11.14	60.12	63.38	-3.255	29.61	26.31	26.139	213.56	0
"2014-01-31	12:00:00"	8.12	229.1	21.21	12.93	6.716	231.6	24.43	12.33	63.26	66.22	-2.957	27.48	24.41	26.137	278.51	0
"2014-01-31	13:00:00"	9.42	227.2	16.5	15.31	7.959	231.8	19.22	14.72	66.26	68.74	-2.48	25.38	22.38	26.108	467.36	0
"2014-01-31	14:00:00"	13.1	237.6	15.03	24.26	10.77	243.1	18.03	20.09	68.56	70.17	-1.616	24.71	22.09	26.073	371.89	0
"2014-01-31	15:00:00"	16.48	233.2	14.53	26.65	13.89	237.5	17.06	22.47	71.61	72.04	-0.432	23.1	21.14	26.04	509.98	0
"2014-01-31	16:00:00"	19.96	227.7	14.55	32.61	16.88	230.3	16.78	29.03	72.91	73.42	-0.51	19.19	17.24	26.01	277.89	0
"2014-01-31	17:00:00"	20.73	243.1	10.08	32.01	17.25	248.6	12.11	29.03	73.55	72.78	0.77	19.35	18.29	26.002	203.71	0
"2014-01-31	18:00:00"	10.64	235	12.18	23.66	8.82	241	14.93	20.09	71.16	71.11	0.049	20.89	19.39	26.004	71.517	0
"2014-01-31	19:00:00"	10.66	211.2	13.24	16.51	8.57	212.1	15.51	14.72	68.23	68.86	-0.633	21.89	20.05	26.015	5.0785	0
"2014-01-31	20:00:00"	9.93	209.7	13.42	17.7	8.01	207.8	15.39	15.31	65.32	65.29	0.034	23.08	21.51	26.023	0	0
"2014-01-31	21:00:00"	8.55	205.8	13.42	14.12	6.518	204.7	14.5	11.14	61.38	60.71	0.669	26.55	25.52	26.027	0	0
"2014-01-31	22:00:00"	5.756	237.5	14.59	8.75	3.583	246.1	19.79	6.368	58.86	57.65	1.204	29.65	29.15	26.037	0	0
"2014-01-31	23:00:00"	7.043	233.7	13.17	11.14	4.828	239.1	16.51	9.35	56.73	56.43	0.301	31.45	30.39	26.038	0	0
"2014-02-01	00:00:00"	7.599	226.1	17.72	12.93	5.403	226.8	23.1	10.54	56.38	55.28	1.096	33.14	32.62	26.022	0	0
"2014-02-01	01:00:00"	7.751	202.2	15.9	12.93	6.002	198.1	16.86	9.95	54.01	53.33	0.687	36.28	35.61	26.016	0	0
"2014-02-01	02:00:00"	6.656	215.6	13.82	11.74	5.149	219.2	15.61	9.95	54.82	54.54	0.275	37.92	36.74	26.017	0	0
"2014-02-01	03:00:00"	6.676	232.4	11.83	9.95	5.068	238.5	14.83	8.75	52.25	53.11	-0.854	45.13	42.61	26.017	0	0
"2014-02-01	04:00:00"	6.526	212.7	15.83	10.54	5.001	212.3	16.66	8.75	49.5	51.11	-1.608	51.44	47.89	26.012	0	0
"2014-02-01	05:00:00"	6.453	227.2	16.84	9.95	4.835	231.8	21.1	8.16	48.05	49.05	-0.996	52.48	49.98	26.01	0	0
"2014-02-01	06:00:00"	8.46	277.5	26.95	12.93	4.368	291	32.55	7.561	48.17	45.58	2.595	49.81	52.26	26.015	0	0
"2014-02-01	07:00:00"	12.95	299.1	6.123	17.1	6.329	305.4	8.78	11.14	50.9	49.45	1.46	41.99	43.09	26.029	0	0
"2014-02-01	08:00:00"	11.99	299.3	5.861	16.51	5.915	307.5	8.39	9.95	51.26	50.18	1.076	41.71	42.08	26.055	5.7353	0
"2014-02-01	09:00:00"	8.43	276.2	35.98	16.51	5.159	280.9	39.68	11.14	52.96	52.15	0.814	40.63	40.41	26.08	83.652	0
"2014-02-01	10:00:00"	5.334	240.9	45.52	11.14	4.291	244.8	48.91	9.35	56.31	56.64	-0.327	38.07	36.38	26.099	296.74	0
"2014-02-01	11:00:00"	14.05	286.7	14.38	20.68	9.11	291.9	16.65	15.91	63.9	65.69	-1.789	29.76	27.32	26.102	455.41	0
"2014-02-01	12:00:00"	13.67	270.4	13.23	21.87	10.53	276.9	14.37	18.89	66.29	68.19	-1.902	27.05	24.32	26.099	513.64	0
"2014-02-01	13:00:00"	11.77	256.1	17.82	20.68	9.53	263.5	19.44	18.3	66.84	67.98	-1.131	26.37	23.99	26.083	432.86	0
"2014-02-01	14:00:00"	15.9	247.8	16.77	30.22	12.77	254.4	19.3	26.65	68.23	69.1	-0.871	24.32	22.1	26.053	443.74	0
"2014-02-01	15:00:00"	17.45	262	15.74	35.59	13.6	268.8	17.95	29.03	69.03	70.94	-1.917	23.21	20.47	26.034	343.19	0
"2014-02-01	16:00:00"	16.2	251.1	16.49	27.24	13.26	258.7	19.41	23.07	69.04	69.78	-0.741	22.36	20.39	26.035	263.49	0
"2014-02-01	17:00:00"	17.63	263	18.59	27.24	13.43	271.4	20.08	23.07	68	69.99	-1.984	22.62	20	26.042	163.01	0
"2014-02-01	18:00:00"	15.1	62.75	30.64	24.86	11.57	65.94	30.33	21.28	58.17	62.65	-4.483	33.07	27.83	26.067	60.987	0
"2014-02-01	19:00:00"	15.5	73.85	7.484	21.87	11.85	75.69	9.25	17.7	53.19	53.34	-0.153	38.1	36.55	26.091	12.483	0
"2014-02-01	20:00:00"	16.13	74.18	7.381	22.47	12.4	75.96	9.24	18.89	51.03	49.82	1.212	39.68	39.1	26.114	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-02-01	21:00:00"	17.6	72.61	7.417	23.66	13.62	75.18	9.41	21.28	48.49	47.08	1.402	40.99	40.61	26.135		0	0	
"2014-02-01	22:00:00"	19.93	69.53	7.464	30.82	15.23	73.39	9.54	24.26	45.89	45.09	0.798	43.5	42.58	26.155		0	0	
"2014-02-01	23:00:00"	22.38	60.61	8.5	31.42	17.16	65.41	10.39	27.24	43.2	42.94	0.255	43.46	41.77	26.175		0	0	
"2014-02-02	00:00:00"	21.08	51.22	8.31	32.01	16.41	56.07	10.15	29.63	39.76	39.28	0.477	48.75	49.53	26.216		0	0	
"2014-02-02	01:00:00"	20.61	39.13	8.52	29.03	16.91	42.67	9.96	25.45	36.14	35.66	0.482	64.36	66.53	26.215		0	0.01	
"2014-02-02	02:00:00"	20.36	50.51	8.07	29.03	16.13	54.94	9.92	26.65	34.84	33.87	0.969	68.4	69.74	26.217	0.00086		0	
"2014-02-02	03:00:00"	20.65	54.61	9.08	29.63	16.06	59.71	11.03	23.66	33.48	32.51	0.972	70.14	71.24	26.239	0.00029		0	
"2014-02-02	04:00:00"	19.13	35.73	9.04	27.84	15.78	39.19	10.58	24.26	32.38	31.73	0.65	70.78	71.23	26.26	0.00058		0	
"2014-02-02	05:00:00"	15.91	37.62	8.37	23.66	13.2	41.18	9.91	20.68	32.35	31.26	1.096	71.95	72.63	26.278	0.00048		0	
"2014-02-02	06:00:00"	13.76	37.99	8.09	18.89	11.41	41.78	9.72	16.51	32.55	31.08	1.469	74.05	75.32	26.286	0.00278		0.01	
"2014-02-02	07:00:00"	12.95	39.86	9.08	20.68	10.65	43.51	10.62	17.7	32	29.78	2.218	75.42	77.98	26.308	0.00989		0.03	
"2014-02-02	08:00:00"	8.73	40.33	12.97	16.51	7.253	44.5	14.56	13.52	30.16	28.3	1.855	76.48	79.39	26.35	1.0889		0	
"2014-02-02	09:00:00"	12.28	35.57	10.17	19.49	10.34	39.76	11.8	16.51	29.67	28.2	1.467	77.18	79.14	26.365	34.066		0.01	
"2014-02-02	10:00:00"	13.47	34.35	10.32	20.09	11.4	37.73	11.23	18.3	29.45	28.57	0.875	75.85	76.69	26.388	129.82		0	
"2014-02-02	11:00:00"	13.11	23.45	8.51	17.7	10.96	26.11	12.36	16.51	29.76	29.46	0.293	71.87	72.46	26.417	205.36		0	
"2014-02-02	12:00:00"	12.87	29.73	8.98	17.1	10.91	33.1	11.47	15.31	30.41	30.54	-0.135	68.62	68.72	26.419	343.36		0	
"2014-02-02	13:00:00"	11.79	21.55	10.5	16.51	9.89	23.89	14.62	14.12	30.78	31.81	-1.033	66.24	66.2	26.413	269.49		0	
"2014-02-02	14:00:00"	10.12	23.54	13.01	14.12	8.68	26.32	18.12	12.93	30.82	33.27	-2.45	67.09	65.85	26.386	323.05		0.01	
"2014-02-02	15:00:00"	7.516	42.17	17.79	11.74	6.44	45.96	20.38	10.54	32.13	34.11	-1.978	67.43	65.46	26.372	227.49		0	
"2014-02-02	16:00:00"	6.619	52.66	17.03	11.14	5.699	58.5	18.56	10.54	33.34	33.73	-0.391	67.57	67.9	26.371	199.66		0	
"2014-02-02	17:00:00"	6.177	59.56	16.16	10.54	5.247	63.21	18.31	8.75	33.44	33.54	-0.093	68.21	69.72	26.357	182.35		0.01	
"2014-02-02	18:00:00"	4.386	58.02	15.71	7.561	3.772	61.13	18.13	6.964	32.54	33.21	-0.667	70.73	70.04	26.361	52.18		0	
"2014-02-02	19:00:00"	4.545	89.2	17.89	6.964	3.842	92.8	19.18	5.771	32.63	32.91	-0.281	71.2	70.84	26.36	4.0923		0	
"2014-02-02	20:00:00"	5.122	122.6	7.973	7.561	3.994	125.5	8.85	6.368	32.18	32.19	-0.004	73.06	73.69	26.365	0.00144		0	
"2014-02-02	21:00:00"	5.844	138.2	9.04	7.561	4.909	140.4	9.49	6.964	31.83	31.93	-0.106	75.54	76.1	26.376	0.00317		0	
"2014-02-02	22:00:00"	7.472	141	9.63	9.95	6.289	142.1	9.87	8.75	31.64	31.79	-0.157	76.34	76.33	26.374	0.00029		0	
"2014-02-02	23:00:00"	6.547	126.8	14.3	9.35	5.454	129	15.12	7.561	31.11	31.14	-0.037	77.93	78.19	26.371	0.00163		0	
"2014-02-03	00:00:00"	7.282	133.8	10.74	9.95	6.025	136.2	10.99	8.75	30.96	31.01	-0.05	78.8	79.27	26.368	0.00144		0	
"2014-02-03	01:00:00"	7.685	147.5	11.8	10.54	6.463	149	12.42	9.35	30.71	30.83	-0.114	79.69	79.76	26.361	0.00662		0	
"2014-02-03	02:00:00"	6.389	129.8	10.33	8.16	5.256	132.6	10.53	8.16	30.24	30.35	-0.109	80	79.95	26.339	0.00749		0	
"2014-02-03	03:00:00"	6.419	144.5	16.6	9.35	5.331	146	16.68	8.16	30.14	30.34	-0.197	80.7	80.6	26.329	0.00403		0	
"2014-02-03	04:00:00"	7.913	159.9	16.1	12.33	6.52	161.4	17.29	10.54	30.28	30.46	-0.178	81.7	81.7	26.315	0.00892		0	
"2014-02-03	05:00:00"	12.32	161.1	11.19	18.89	10.18	162.1	12.09	17.7	30.34	30.37	-0.035	82.3	82.3	26.29	0.00893		0	
"2014-02-03	06:00:00"	8.34	171.7	8.83	16.51	6.85	172.4	10.96	14.12	29.98	29.95	0.027	82.7	82.8	26.294	0.04261		0	
"2014-02-03	07:00:00"	5.535	155.8	15.28	8.16	4.682	156.4	15.09	7.561	29.93	30.23	-0.307	83.5	83.6	26.302	0.25413		0	
"2014-02-03	08:00:00"	8.23	152.7	10.64	12.93	6.951	153.3	10.52	11.74	30.1	30.6	-0.499	84.1	83.8	26.293	1.1495		0	
"2014-02-03	09:00:00"	11.02	152.1	10.68	16.51	9.15	153.1	11.21	14.72	30.56	30.74	-0.179	84.4	84.2	26.288	23.188		0	
"2014-02-03	10:00:00"	10.14	143.3	11.61	17.1	8.35	145	12.32	15.31	30.7	30.85	-0.153	84.6	84.5	26.295	65.438		0	
"2014-02-03	11:00:00"	8.53	140.1	12.13	12.93	7.179	142.6	12.98	10.54	30.99	31.46	-0.464	84.9	84.8	26.305	104.44		0	
"2014-02-03	12:00:00"	11.06	139.7	9.76	16.51	9.15	142.1	10.33	14.72	31.68	32.21	-0.535	85.1	85	26.276	119.77		0	
"2014-02-03	13:00:00"	8.65	156.7	14.27	13.52	7.323	157.6	14.76	11.74	31.73	32.06	-0.326	85.3	85.1	26.252	89.14		0	
"2014-02-03	14:00:00"	9.74	139.5	16.07	14.72	8.2	141.7	16.29	12.93	32.31	32.67	-0.357	85.6	85.6	26.202	145.52		0	
"2014-02-03	15:00:00"	11.88	129.4	8.19	15.91	9.88	132.7	9.31	14.12	32.5	33.08	-0.58	85.6	85.5	26.151	104.34		0	
"2014-02-03	16:00:00"	11.5	131.8	9.99	15.91	9.52	134.3	10.6	14.12	32.29	32.76	-0.471	85.6	85.4	26.125	71.273		0	
"2014-02-03	17:00:00"	11.24	130.5	9.32	15.91	9.28	133.5	10.43	13.52	32.11	32.52	-0.404	85.6	85.4	26.106	52.259		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-03	18:00:00"	9.53	126	9.84	13.52	7.837	128.8	11.33	11.74	32.09	32.37	-0.282	85.7	85.5	26.103	23.557	0	
"2014-02-03	19:00:00"	9.68	126.3	10.5	14.12	8.02	129.6	11.16	11.74	32.08	32.28	-0.196	85.7	85.5	26.1	4.2769	0	
"2014-02-03	20:00:00"	7.755	118.4	16.99	12.93	6.432	120.4	17.49	10.54	32.12	32.27	-0.148	85.9	85.7	26.105	0.39027	0	
"2014-02-03	21:00:00"	7.316	91	11.02	10.54	5.991	94.3	12.83	8.75	32.49	32.62	-0.132	86	85.9	26.101	1.0327	0	
"2014-02-03	22:00:00"	7.629	98.3	15.38	12.33	6.312	101.4	17.26	9.95	32.78	32.94	-0.164	86.1	86	26.107	0.49304	0	
"2014-02-03	23:00:00"	8.98	74.58	8.2	13.52	7.311	78.04	10.58	11.74	31.56	31.79	-0.235	85.8	85.5	26.1	0.34565	0	
"2014-02-04	00:00:00"	7.49	79.13	4.951	11.14	6.279	87.4	11.63	9.95	30.89	31.13	-0.235	85.8	85.6	26.098	0.34546	0	
"2014-02-04	01:00:00"	9.83	87.3	8.76	18.3	8.32	101.2	17.58	16.51	31.01	31.62	-0.612	85.8	85.4	26.081	0.34546	0	
"2014-02-04	02:00:00"	4.278	110.8	0.403	9.95	3.601	86.3	33.29	9.35	30.71	31.17	-0.459	85.9	85.4	26.111	0.34546	0	
"2014-02-04	03:00:00"	3.628	110.8	0.368	6.368	3.073	60.71	3.974	6.368	30.86	31.39	-0.53	86.1	85.6	26.108	0.34546	0	
"2014-02-04	04:00:00"	6.258	110.9	0.196	8.75	5.376	137.1	11.75	8.16	31.21	31.59	-0.374	86	85.5	26.088	0.34546	0	
"2014-02-04	05:00:00"	7.116	111.1	0.411	10.54	6.076	172.3	17.36	9.35	31.62	31.65	-0.031	86.1	85.6	26.085	0.34547	0	
"2014-02-04	06:00:00"	8.97	120.7	23.84	14.72	7.666	194.9	14.01	13.52	33	32.26	0.74	86.2	85.9	26.075	0.34546	0	
"2014-02-04	07:00:00"	11.74	202.6	13.37	17.1	10.03	204.9	14.89	17.7	33.63	32.7	0.924	86.1	85.8	26.074	0.38192	0	
"2014-02-04	08:00:00"	12.16	207.2	13.35	18.3	10.83	208.9	15.37	17.1	33.79	33.07	0.722	86.2	86	26.081	2.1056	0	
"2014-02-04	09:00:00"	12.4	214.9	13.02	19.49	11.21	217.2	14.7	19.49	33.5	32.9	0.598	86.1	86	26.094	51.539	0	
"2014-02-04	10:00:00"	11.05	221.4	13.62	18.89	9.9	224.3	15.31	16.51	34.88	34.7	0.171	86.6	86.6	26.113	282.17	0	
"2014-02-04	11:00:00"	12.59	246.8	14.37	20.68	10.19	253.8	17.98	16.51	39.84	39.76	0.075	86.9	83.9	26.133	487.89	0	
"2014-02-04	12:00:00"	19.3	271.9	11.73	29.03	14.62	279.4	12.51	24.86	45.6	47.58	-1.981	70.3	55.59	26.135	621.69	0	
"2014-02-04	13:00:00"	19.84	282.5	10.17	27.24	13.7	288.9	11.97	23.66	48.71	51.98	-3.273	46.42	42.68	26.126	700.54	0	
"2014-02-04	14:00:00"	19.68	281.2	11.29	28.43	13.72	287.8	13.5	24.86	51.01	53.88	-2.869	37.21	34.64	26.111	715.43	0	
"2014-02-04	15:00:00"	21.11	280.6	11.44	31.42	14.86	287.1	12.92	27.24	52.91	55.58	-2.676	32.69	30.07	26.098	658.8	0	
"2014-02-04	16:00:00"	17.12	269.4	13.03	29.63	13.23	277.2	13.75	22.47	53.84	54.54	-0.702	30.56	28.97	26.102	478.82	0	
"2014-02-04	17:00:00"	18.03	281.7	10.94	27.84	12.48	288.4	13.04	23.66	53.89	55.37	-1.484	28.6	26.7	26.115	315.5	0	
"2014-02-04	18:00:00"	17.95	279.8	12.06	29.03	12.69	286.8	13.15	28.43	54.31	55.81	-1.495	23.04	21.27	26.14	169.02	0	
"2014-02-04	19:00:00"	8.8	298	8.19	18.3	4.416	306	9.97	12.33	50.9	49.22	1.685	25.19	26.3	26.171	12.666	0	
"2014-02-04	20:00:00"	5.217	241.4	29.53	8.75	3.288	243.7	35.05	6.368	47.65	45.79	1.862	29.61	31.67	26.207	0	0	
"2014-02-04	21:00:00"	5.941	288.8	16.39	8.75	3.192	305.6	33.43	6.368	46.73	42.58	4.149	30.96	36.35	26.232	0	0	
"2014-02-04	22:00:00"	7.24	305.1	47.2	23.07	4.404	321.4	57.87	20.09	45.5	40.68	4.817	33.05	40.48	26.256	0	0	
"2014-02-04	23:00:00"	15.18	47.28	8.36	23.07	12.09	50.56	9.82	21.87	37.19	35.68	1.513	63.92	66.83	26.295	0.0001	0	
"2014-02-05	00:00:00"	14.31	47.94	8.24	20.09	11.39	51.58	10	18.3	32.73	31.54	1.189	70.29	72.38	26.318	0.00192	0	
"2014-02-05	01:00:00"	16.68	44.75	7.76	24.26	13.7	48.25	8.81	20.68	29.31	29.27	0.044	72.27	72.07	26.332	0.01382	0	
"2014-02-05	02:00:00"	16.82	48.39	8.89	24.86	13.51	52	10.48	21.87	27.64	27.72	-0.086	72.44	71.92	26.355	0.02668	0	
"2014-02-05	03:00:00"	17.61	46.8	7.712	24.26	14.26	50.5	9.44	21.87	25.9	25.97	-0.066	73.08	72.43	26.369	0.06	0	
"2014-02-05	04:00:00"	19.19	49.07	7.892	29.63	15.19	53.01	9.66	23.07	25.44	24.76	0.68	73.2	72.81	26.386	0.13057	0	
"2014-02-05	05:00:00"	21.26	45.24	8.32	31.42	17.15	49.49	9.52	26.65	25.92	25.23	0.689	71.92	71.61	26.407	0.11953	0	
"2014-02-05	06:00:00"	18.07	41.1	9.43	28.43	14.85	44.91	10.78	26.65	25.49	24.87	0.612	70.16	69.17	26.447	0.11319	0	
"2014-02-05	07:00:00"	15.05	40.17	7.887	23.66	12.44	43.74	9.42	20.68	24.24	23.24	0.995	65.29	64.73	26.49	0.10302	0	
"2014-02-05	08:00:00"	17.91	37.34	7.27	24.26	14.91	40.98	9.1	21.28	22.82	22.99	-0.167	64.91	63.72	26.505	1.6824	0	
"2014-02-05	09:00:00"	15.95	44.26	9.15	24.86	13.06	48.54	10.63	21.87	21.2	21.15	0.051	63.9	61.73	26.545	69.522	0	
"2014-02-05	10:00:00"	15.79	43.32	9.51	21.87	13.08	47.47	11.16	18.89	20.61	20.66	-0.05	58.44	56.33	26.578	180.19	0	
"2014-02-05	11:00:00"	13.95	55.12	11.38	20.68	11.21	60.7	12.53	17.7	22.15	21.69	0.463	52.94	51.46	26.594	181.24	0	
"2014-02-05	12:00:00"	13.24	67.77	12.27	21.28	10.54	71.9	12.84	18.3	21.63	22.51	-0.875	50.51	48.4	26.598	272.38	0	
"2014-02-05	13:00:00"	14.76	52.86	14.78	24.26	12.18	57.12	16.01	22.47	22.99	25.37	-2.381	48.35	43.95	26.562	407.92	0	
"2014-02-05	14:00:00"	15.55	46.99	11.87	25.45	12.83	51.54	13.82	23.07	23.64	26.59	-2.955	45.65	39.83	26.52	346.28	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-05	15:00:00"	14.54	48.09	12.85	20.09	12.12	52.27	14.56	17.7	24.3	26.99	-2.691	43.88	38.76	26.506	236.59	0
"2014-02-05	16:00:00"	15.19	60	11.78	21.28	11.99	64.65	13	18.89	25.54	28.32	-2.784	42.52	37.85	26.486	206.87	0
"2014-02-05	17:00:00"	15.4	71.75	11.67	21.87	12.01	74.95	12	18.89	25.92	28.79	-2.864	44.06	39.12	26.475	134.54	0
"2014-02-05	18:00:00"	14.1	69.05	11.8	19.49	11.07	72.75	11.85	16.51	25.33	29.06	-3.733	48.74	42.66	26.479	38.099	0
"2014-02-05	19:00:00"	15.26	82.5	9.02	21.87	11.81	84.8	10.66	18.89	23.96	27.38	-3.421	54.14	47.94	26.493	2.8835	0
"2014-02-05	20:00:00"	14.3	76.29	9.85	21.87	11.18	79.23	10.85	18.89	22.38	25.14	-2.757	57.4	51.65	26.509	0.13172	0
"2014-02-05	21:00:00"	14.42	82.1	8.65	20.68	11.36	84	9.91	18.89	21.56	23.11	-1.546	58.91	55.15	26.517	0.08324	0
"2014-02-05	22:00:00"	14.93	80.3	8.54	20.68	11.6	82.3	9.84	16.51	20.82	21.97	-1.151	59.98	56.76	26.532	0.07614	0
"2014-02-05	23:00:00"	14.26	78.97	8.48	21.28	11.04	80.5	9.99	18.3	19.25	20.54	-1.293	60.96	57.67	26.542	0.02064	0
"2014-02-06	00:00:00"	13.38	65.54	11.17	19.49	10.45	69.46	11.79	15.91	17.91	19.35	-1.437	61.5	58.16	26.549	0.01229	0
"2014-02-06	01:00:00"	13.8	53.98	9.93	18.89	10.9	59.65	11.73	15.91	17.37	19.16	-1.787	59.03	54.8	26.544	0.01575	0
"2014-02-06	02:00:00"	14.29	48.22	9.83	19.49	11.56	52.98	11.8	17.7	17.87	18.69	-0.83	54.76	50.98	26.538	0.00134	0
"2014-02-06	03:00:00"	13.83	60.77	9.63	18.89	10.81	65.91	10.98	15.91	17.37	18.27	-0.897	53.51	50.33	26.53	0.00115	0
"2014-02-06	04:00:00"	13.45	66.65	9.81	19.49	10.54	70.81	10.7	16.51	16.82	17.74	-0.921	54.37	51	26.521	0.00019	0
"2014-02-06	05:00:00"	11.23	70.34	10.3	17.1	8.85	73.91	11.17	13.52	16.56	17.36	-0.795	55	51.94	26.522	0.0001	0
"2014-02-06	06:00:00"	7.982	66.85	12.39	12.33	6.355	70.4	12.83	9.35	17.09	17.22	-0.137	55.75	53.41	26.531	0	0
"2014-02-06	07:00:00"	7.51	63.53	11.96	10.54	6.113	67.56	12.55	9.35	16.85	18.81	-1.964	56.76	52.93	26.543	0	0
"2014-02-06	08:00:00"	7.955	66.44	11.46	11.14	6.34	70.78	12.56	9.95	14.96	18.85	-3.886	58.97	52.45	26.549	1.0278	0
"2014-02-06	09:00:00"	9.11	63.7	11.25	12.93	7.187	67.87	12.35	11.74	14.62	18.55	-3.932	61.45	54.3	26.552	34.332	0
"2014-02-06	10:00:00"	7.715	67.13	14.27	11.14	6.442	70.44	14.56	10.54	15.08	18.63	-3.552	61.91	54.84	26.551	126.17	0
"2014-02-06	11:00:00"	6.477	74.07	18.86	9.95	5.576	77.52	20.14	9.35	15.94	20.09	-4.149	60.98	53.39	26.556	214.83	0
"2014-02-06	12:00:00"	4.966	102.2	28.66	10.54	4.277	107.6	28.18	8.75	17.44	21.39	-3.945	59.51	51.22	26.54	321.78	0
"2014-02-06	13:00:00"	4.472	134.8	50.84	9.95	4.008	135.5	50.26	9.35	18.87	24.06	-5.196	57.39	47.24	26.514	365.74	0
"2014-02-06	14:00:00"	5.386	149.9	33.3	11.74	4.707	153.5	37.54	9.95	20.3	25.35	-5.05	55.61	45.39	26.473	379.95	0
"2014-02-06	15:00:00"	3.322	122.3	79.22	8.75	3.011	130.5	86.6	9.35	21.34	27.78	-6.441	54.04	42.66	26.435	577.74	0
"2014-02-06	16:00:00"	4.529	105.7	56.48	11.14	4.037	106.9	57.57	9.95	24.22	32.22	-8	50.97	37.76	26.399	546.04	0
"2014-02-06	17:00:00"	5.525	123.3	31.03	11.14	4.816	126.4	34.28	9.95	25.93	32.09	-6.153	48.41	37.54	26.386	273.5	0
"2014-02-06	18:00:00"	5.706	149.6	20.19	11.74	4.908	151	22.28	11.14	25.24	29.2	-3.964	50.4	42.11	26.38	95.346	0
"2014-02-06	19:00:00"	9.38	146.8	15.45	14.12	7.803	147.3	15.35	12.93	24.7	26.98	-2.286	52.86	47.47	26.378	10.394	0
"2014-02-06	20:00:00"	10.42	138.6	10.02	14.72	8.62	139.6	10.26	13.52	25.19	23.9	1.292	57.07	55.79	26.379	0.07219	0
"2014-02-06	21:00:00"	10.01	131.6	9.77	14.12	8.17	134.6	10.25	11.74	24.63	22.45	2.179	57.6	60.17	26.387	0.17013	0
"2014-02-06	22:00:00"	9.62	143.5	11.13	13.52	7.995	144.9	11.68	11.74	22.91	22.32	0.589	59.38	59.72	26.392	0.15045	0
"2014-02-06	23:00:00"	7.964	149.2	13.33	12.93	6.719	150.3	14.11	11.14	22.57	21.26	1.317	60.72	61.61	26.389	0.15995	0
"2014-02-07	00:00:00"	7.76	154.7	13.91	12.33	6.587	154.6	14.12	11.14	22.65	21.02	1.629	60.87	62.19	26.377	0.17138	0
"2014-02-07	01:00:00"	9.54	149.8	12.1	14.12	8.03	149.7	11.3	11.74	22.43	21.14	1.294	60.87	62.3	26.348	0.1468	0
"2014-02-07	02:00:00"	10.41	164.4	11.02	14.72	8.66	164.5	11.36	12.93	21.59	21.91	-0.318	63.18	62.14	26.338	0.17551	0
"2014-02-07	03:00:00"	9.33	154.6	12.3	14.72	7.756	155.2	12.3	12.33	20.81	23.09	-2.28	64.47	60.25	26.314	0.11992	0
"2014-02-07	04:00:00"	8.15	153.2	17.67	14.72	6.828	154.5	18.71	12.33	23.12	22.58	0.544	63.75	59.8	26.308	0.13144	0
"2014-02-07	05:00:00"	8.57	179.3	29.07	18.89	7.156	179.9	32.08	17.1	24.38	23.39	0.99	59.18	58.69	26.308	0.10753	0
"2014-02-07	06:00:00"	9.27	160.9	13.39	15.91	7.663	161.4	13.99	14.72	24.76	23.81	0.942	58.36	58.52	26.288	0.14257	0
"2014-02-07	07:00:00"	8.38	168.1	19.23	13.52	6.947	167.9	20.39	12.33	23.81	24.06	-0.243	59.12	58.41	26.304	0.15947	0
"2014-02-07	08:00:00"	7.486	172.7	24.57	14.72	6.249	174.7	26.59	12.33	23.93	25.08	-1.152	62.58	61.66	26.303	2.4215	0.01
"2014-02-07	09:00:00"	10.23	178.6	7.791	15.31	8.31	178.6	10.92	12.93	24.08	26.39	-2.315	65.51	61.99	26.312	32.379	0
"2014-02-07	10:00:00"	13	166.1	10.34	18.89	10.83	165	11.46	17.7	24.21	27.19	-2.985	66.65	63.42	26.301	81.501	0.02
"2014-02-07	11:00:00"	10.06	213.6	29.08	18.3	8.41	215.4	32.11	15.31	26.44	29.46	-3.023	68.13	64.64	26.331	369.66	0.01

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-07	12:00:00"	9.45	209.1	18.96	15.91	8.02	210.4	21.18	13.52	28.08	32.44	-4.363	67.5	62.12	26.34	537.87	0	
"2014-02-07	13:00:00"	8.24	218.4	19.64	15.31	7.045	220.3	23.79	13.52	31.74	36.02	-4.274	63.14	57.42	26.324	672.07	0	
"2014-02-07	14:00:00"	9.91	216.1	16.47	15.91	8.49	217.4	20.08	15.91	36.78	39.65	-2.873	54.17	50.06	26.292	707.05	0	
"2014-02-07	15:00:00"	9.38	223.6	19.68	14.72	8.01	225.6	22.02	13.52	40.84	42.12	-1.276	48.07	45.8	26.274	637.27	0	
"2014-02-07	16:00:00"	9.62	218.2	15.76	16.51	8.09	218.7	18.8	14.12	44.72	45.84	-1.122	42.31	39.97	26.255	533.88	0	
"2014-02-07	17:00:00"	10.46	207	14.93	15.31	8.62	207.2	16.45	13.52	48.24	51.25	-3.011	37.58	34.14	26.248	368.19	0	
"2014-02-07	18:00:00"	9.81	202.3	12.72	14.72	7.913	203.5	13.61	12.33	49.79	53.59	-3.797	35.68	31.52	26.246	174.12	0	
"2014-02-07	19:00:00"	7.32	188.1	9.25	11.14	5.384	191.2	11.88	9.35	47.31	48.18	-0.862	38.5	37.54	26.257	15.114	0	
"2014-02-07	20:00:00"	7.171	186.7	11.18	11.14	4.849	187.9	14.21	8.75	43.25	42.06	1.193	44.38	46.05	26.268	0	0	
"2014-02-07	21:00:00"	6.504	189.1	7.342	9.95	4.263	192.1	10.04	8.16	40.9	39.54	1.363	47.88	49.9	26.275	0	0	
"2014-02-07	22:00:00"	6.278	216	14.75	9.35	4.465	218.6	18.33	6.964	40.01	39.09	0.921	49.81	50.66	26.288	0	0	
"2014-02-07	23:00:00"	6.093	221.1	13.26	8.75	4.246	225.2	14.45	6.964	37.78	37.33	0.448	52.56	52.69	26.297	0	0	
"2014-02-08	00:00:00"	6.554	209.7	12.58	9.95	4.693	211	14.31	8.75	38.66	38.34	0.315	51.41	51.61	26.293	0	0	
"2014-02-08	01:00:00"	6.331	211.5	11.74	8.75	4.335	216.5	15.82	7.561	38.64	38.6	0.039	51.57	51.83	26.287	0	0	
"2014-02-08	02:00:00"	6.124	206	19.88	8.75	4.113	206.8	21.79	6.964	38.24	39.62	-1.377	52.49	50.5	26.281	0	0	
"2014-02-08	03:00:00"	6.517	187.6	10.02	9.95	4.198	190.4	12.33	7.561	38.25	37.86	0.39	53.59	54.39	26.266	0	0	
"2014-02-08	04:00:00"	6.212	219.6	12.03	9.35	4.381	222.7	15.28	7.561	38.12	38.29	-0.166	54.39	54.22	26.265	0	0	
"2014-02-08	05:00:00"	5.887	229.2	15.69	8.16	4.311	233.6	20.64	6.964	36.52	36.96	-0.441	56.51	55.55	26.266	0	0	
"2014-02-08	06:00:00"	5.551	287.3	35.2	9.95	3.365	300.8	58.95	6.368	35.86	34.1	1.765	59.57	61.48	26.272	0	0	
"2014-02-08	07:00:00"	8.43	294.5	20.93	11.14	4.067	298.9	27.04	7.561	39.37	35.69	3.684	56.8	64.44	26.281	0.00029	0	
"2014-02-08	08:00:00"	6.557	281.3	15.68	11.14	3.166	292.4	18.77	7.561	40.7	38.15	2.544	51.88	58.73	26.296	7.4018	0	
"2014-02-08	09:00:00"	6.058	280.2	9.51	8.75	3.212	279.7	19.39	5.175	39.76	38.48	1.279	54.73	59.89	26.316	90.743	0	
"2014-02-08	10:00:00"	4.465	257.9	14.75	6.368	3.149	245.8	27.62	5.175	40.47	40.56	-0.09	57.49	58.47	26.323	230.61	0	
"2014-02-08	11:00:00"	6.831	277.2	11.19	12.33	5.324	279.3	14.23	11.74	47.74	49.2	-1.455	45.62	43.29	26.337	469.25	0	
"2014-02-08	12:00:00"	10.33	275.1	11.71	16.51	7.961	280.6	13.54	14.72	54.14	57.15	-3.008	34.96	32.05	26.336	619.35	0	
"2014-02-08	13:00:00"	12.01	274.5	12.67	17.7	9.25	279.9	13.45	14.72	58.87	62.96	-4.092	27.7	24.2	26.331	649.45	0	
"2014-02-08	14:00:00"	13.22	275.7	10.57	20.09	9.97	280.8	12.38	17.7	60.51	65.75	-5.234	24.57	20.19	26.313	477.04	0	
"2014-02-08	15:00:00"	14.92	273.4	12.25	24.26	11.28	279.1	13.54	20.68	61.68	66.08	-4.405	22.55	18.76	26.291	539.33	0	
"2014-02-08	16:00:00"	13.5	265.7	13.33	20.68	10.59	271.4	16.18	18.89	63.34	67.78	-4.436	20.55	16.93	26.278	501.16	0	
"2014-02-08	17:00:00"	14.96	260.8	11.92	22.47	11.89	267.7	14	19.49	65.18	67.42	-2.244	19.28	16.74	26.274	369.49	0	
"2014-02-08	18:00:00"	12.98	257.8	9.51	21.28	10.23	266.2	11.7	18.89	64.74	66.84	-2.099	20	17.52	26.278	137.62	0	
"2014-02-08	19:00:00"	11.02	264.2	7.823	14.72	8.55	271.6	8.36	13.52	61.48	61.71	-0.222	22.56	21.15	26.292	19.609	0	
"2014-02-08	20:00:00"	4.934	236.4	43.78	10.54	3.387	235.5	49.82	8.75	57.3	57.17	0.13	26.08	25.13	26.311	0	0	
"2014-02-08	21:00:00"	3.71	197.1	29.52	6.964	2.32	181.5	41.72	5.175	55.78	53.18	2.603	26.96	28.39	26.32	0	0	
"2014-02-08	22:00:00"	7.394	238	52.2	11.74	5.366	250.6	60.71	10.54	55.11	51.14	3.971	27.53	30.8	26.324	0	0	
"2014-02-08	23:00:00"	6.493	292.2	21.06	11.74	4.427	315.3	34.32	8.75	53.51	49.12	4.393	29.54	33.81	26.326	0	0	
"2014-02-09	00:00:00"	9.21	293.3	22.61	14.12	4.579	305.4	39.7	7.561	51.65	49.35	2.307	32.42	35.25	26.317	0	0	
"2014-02-09	01:00:00"	7.926	286.2	5.282	11.14	3.48	294.5	6.586	5.175	49.4	45.95	3.447	34.58	37.95	26.319	0	0	
"2014-02-09	02:00:00"	9.37	283.4	25.78	14.72	4.479	284.7	33.03	8.16	49.61	46.81	2.796	34.92	38.29	26.314	0	0	
"2014-02-09	03:00:00"	6.066	261.1	15.86	9.95	3.35	243.5	29.73	6.368	49.16	45.86	3.3	34.74	38.38	26.307	0	0	
"2014-02-09	04:00:00"	8.12	252.4	19.73	11.74	5.225	253.3	24.36	8.75	48.47	47.99	0.485	35.76	36.72	26.296	0	0	
"2014-02-09	05:00:00"	7.643	250	11.73	9.95	4.792	250.4	16.52	6.964	46.09	43.74	2.353	38.99	41.42	26.278	0	0	
"2014-02-09	06:00:00"	10.95	303	10.49	12.93	5.205	313.3	14.48	6.964	49.57	43.9	5.675	35.16	43.12	26.258	0	0	
"2014-02-09	07:00:00"	9.81	290.7	26.76	13.52	4.58	296.1	30.43	8.16	51.38	47.79	3.585	32.93	38.6	26.251	0	0	
"2014-02-09	08:00:00"	5.401	227.4	12.36	7.561	4.007	235	18.42	6.368	42.07	42.42	-0.353	46.83	46.01	26.282	3.6668	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-09	09:00:00"	5.756	220.6	9.53	8.16	3.652	223.8	11.1	6.368	43.99	43.99	0.002	41.1	41.92	26.294	64.283	0
"2014-02-09	10:00:00"	8.03	214.3	13.06	15.91	6.509	215.4	15.73	13.52	46.11	46.18	-0.068	40.96	40.18	26.29	177.12	0
"2014-02-09	11:00:00"	7.999	212.4	12.71	13.52	6.923	213.1	15.48	11.74	50.98	52.34	-1.357	35.63	33.43	26.283	368.79	0
"2014-02-09	12:00:00"	9.77	219.7	15.46	17.1	8.35	221.5	18.47	14.72	58.3	62.62	-4.318	28.87	24.95	26.273	573.34	0
"2014-02-09	13:00:00"	10.56	246.5	14.2	15.91	8.74	252	16.7	15.31	65.98	69.13	-3.14	21.7	18.56	26.247	765.45	0
"2014-02-09	14:00:00"	10.83	247.7	18.04	18.3	9.09	252.2	19.88	15.91	70.26	72.86	-2.597	18.18	15.46	26.213	731.56	0
"2014-02-09	15:00:00"	11.24	261.6	17.29	20.68	8.97	267.6	19.75	17.1	72.21	76.28	-4.066	16.94	13.85	26.181	658.97	0
"2014-02-09	16:00:00"	12.48	260.5	15.72	22.47	10.02	265.9	18.45	19.49	73.53	77.5	-3.972	17.8	14.57	26.158	549	0
"2014-02-09	17:00:00"	12.72	271.6	15.06	20.68	9.83	277	16.03	18.89	73.6	75.98	-2.379	19.22	16.61	26.165	378.57	0
"2014-02-09	18:00:00"	8.45	264.2	18.55	14.72	6.3	269.2	20.67	11.74	73.2	74.93	-1.73	19.61	17.4	26.161	180.9	0
"2014-02-09	19:00:00"	5.865	242.2	8.72	8.75	3.988	250.2	11.61	7.561	70.13	71.02	-0.891	22.25	20.67	26.164	17.505	0
"2014-02-09	20:00:00"	9.12	175	88.2	24.26	6.542	150.9	90.2	19.49	62.78	62.11	0.669	31.11	29.82	26.189	0	0
"2014-02-09	21:00:00"	18.09	63.46	8.12	23.66	13.93	68.33	9.36	20.09	41.57	44.23	-2.667	64.12	57.86	26.224	0	0
"2014-02-09	22:00:00"	17.97	61.35	8.28	26.05	13.86	66.35	9.6	21.87	36.09	38.66	-2.572	74.03	68.31	26.235	0	0
"2014-02-09	23:00:00"	17.46	63.14	9.13	24.86	13.6	67.97	10.43	21.28	33.96	36.86	-2.903	77.79	71.75	26.255	0.00029	0
"2014-02-10	00:00:00"	16.77	66.76	9.51	24.26	13.09	70.98	10.49	21.28	32.18	35.07	-2.888	79.65	73.58	26.266	0.20787	0
"2014-02-10	01:00:00"	16.92	59.21	8.89	23.66	13.26	64.31	10.45	20.09	31.16	33.81	-2.651	80.5	74.57	26.28	0.2001	0
"2014-02-10	02:00:00"	16.27	55.28	9.37	22.47	12.81	60.35	10.79	18.89	30.62	32.98	-2.356	81.1	75.2	26.291	0.24185	0
"2014-02-10	03:00:00"	17.46	55.18	10.03	25.45	13.79	60.54	11.51	21.87	30.16	32.36	-2.201	81.4	75.74	26.307	0.2336	0
"2014-02-10	04:00:00"	16.57	54.04	9.76	23.66	13.24	58.5	11.2	20.68	29.52	31.49	-1.968	81.4	75.52	26.312	0.08542	0
"2014-02-10	05:00:00"	14.97	51.95	9.81	21.87	12.17	56.83	11.45	20.09	29.39	30.98	-1.59	81.4	75.95	26.321	0.06834	0
"2014-02-10	06:00:00"	13.39	53.65	9.34	20.09	10.96	58.73	10.97	18.3	29.37	31.04	-1.675	81	75.28	26.35	0.18496	0
"2014-02-10	07:00:00"	12.29	46.15	10.28	16.51	10.52	50.29	11.79	16.51	29.05	30.59	-1.544	80.4	74.14	26.368	0.23652	0
"2014-02-10	08:00:00"	10.84	50.9	11.04	15.91	9.15	55.79	12.6	14.12	28.98	30.01	-1.029	80.2	74.74	26.385	1.0937	0
"2014-02-10	09:00:00"	7.876	52.03	10.48	11.74	6.86	56.37	12.43	11.14	27.26	29.67	-2.418	80.2	75.02	26.398	18.422	0
"2014-02-10	10:00:00"	6.41	58.33	13.09	10.54	5.614	62.54	14.2	9.95	26.7	29.05	-2.35	80.6	74.95	26.408	60.658	0
"2014-02-10	11:00:00"	6.792	70.4	14.7	9.95	5.896	74.16	14.36	9.35	27.3	28.97	-1.67	80.4	74.49	26.401	76.33	0
"2014-02-10	12:00:00"	5.18	81.8	23.9	10.54	4.6	84.4	21.65	9.95	27.09	27.34	-0.245	80	75.79	26.409	113.94	0
"2014-02-10	13:00:00"	5.963	44.58	21.86	9.95	5.264	48.53	25.23	9.35	27.01	28.35	-1.338	79.28	74.77	26.382	160.98	0
"2014-02-10	14:00:00"	5.81	58.82	21.12	9.95	5.194	61.44	23.6	8.75	27.3	29.08	-1.781	77.8	72	26.348	162.73	0
"2014-02-10	15:00:00"	4.936	69.49	26.48	9.95	4.318	71.32	28.31	9.35	28	30.03	-2.024	75.63	69.51	26.311	174.78	0
"2014-02-10	16:00:00"	4.885	58.07	25.45	10.54	4.339	60.3	29.84	8.75	28.68	31.25	-2.567	72.96	66.49	26.291	163.71	0
"2014-02-10	17:00:00"	6.548	61.06	18.63	9.95	5.565	63.8	20.82	9.35	29.2	32.18	-2.988	70.35	63.19	26.283	110.56	0
"2014-02-10	18:00:00"	6.236	68.14	27.46	10.54	5.215	71.56	27.77	9.95	29.02	31	-1.971	69.92	64.27	26.285	56.361	0
"2014-02-10	19:00:00"	7.129	75.89	19.2	10.54	5.735	79.55	19.56	8.75	28.88	30.41	-1.528	69.13	64.46	26.289	6.9969	0
"2014-02-10	20:00:00"	8.19	89.8	12.09	13.52	6.578	92.6	13.07	11.74	28.01	29.07	-1.056	70.07	66.47	26.301	0.00422	0
"2014-02-10	21:00:00"	9.77	82.7	13.56	14.72	7.633	85.1	14.23	11.74	26.99	28.36	-1.366	71.69	67.81	26.322	0.0072	0
"2014-02-10	22:00:00"	11.73	80.5	8.38	17.1	8.99	82.9	10.17	14.12	26.11	27.77	-1.655	73.68	69.33	26.336	0.04223	0
"2014-02-10	23:00:00"	12.51	75.67	10.01	18.89	9.51	78.01	10.96	15.31	25.17	27.16	-1.992	74.92	70.1	26.355	0.04819	0
"2014-02-11	00:00:00"	12.95	68.93	9.9	18.89	9.94	72.2	10.94	15.31	24.14	26.5	-2.363	76.26	70.93	26.369	0.10436	0
"2014-02-11	01:00:00"	13.04	52.18	10.75	19.49	10.25	57.04	12.4	15.91	23.9	26.59	-2.685	75.95	69.89	26.372	0.12874	0
"2014-02-11	02:00:00"	10.24	58.01	12.56	17.1	8.03	62.28	14.03	15.31	23.8	26.54	-2.742	74.42	67.86	26.388	0.14458	0
"2014-02-11	03:00:00"	7.962	56.62	16.09	11.74	6.353	59.95	16.91	9.95	23.49	26.06	-2.571	73.88	67.73	26.4	0.13431	0
"2014-02-11	04:00:00"	6.357	47.49	11.54	9.95	5.311	52.38	13.37	8.75	23.22	26.42	-3.199	74.75	68.03	26.388	0.12932	0
"2014-02-11	05:00:00"	7.262	51.36	13.36	10.54	5.919	55.81	14.94	9.35	23.23	28.02	-4.795	74.67	66.06	26.388	0.12452	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-02-11	06:00:00"	7.884	46.93	12.08	11.74	6.545	51.25	13.32	10.54	22.84	27.98	-5.138	73.52	63.13	26.396	0.13364	0
"2014-02-11	07:00:00"	9.4	31.06	9.57	13.52	7.802	34.44	12.44	12.33	22.5	27	-4.498	72.56	62.05	26.4	0.1347	0
"2014-02-11	08:00:00"	9.5	27.28	7.796	13.52	7.887	31.05	11.23	12.33	22.27	25.5	-3.224	71.4	63.01	26.412	1.5149	0
"2014-02-11	09:00:00"	10.02	22.59	8.91	14.12	8.24	24.98	12.98	11.74	22.82	25.99	-3.172	71.67	64.3	26.429	38.395	0
"2014-02-11	10:00:00"	11.17	18.34	9.54	16.51	9.26	19.06	14.18	14.12	23.79	27.32	-3.539	70.24	61.89	26.449	67.774	0
"2014-02-11	11:00:00"	10.09	25.08	10.98	14.72	8.47	28.01	14.83	12.93	24.83	28.31	-3.484	66.05	58.12	26.465	124.24	0
"2014-02-11	12:00:00"	9.3	27.26	17.94	14.72	7.968	30.13	20.87	12.93	26.23	30.73	-4.501	61.81	53.34	26.466	241.56	0
"2014-02-11	13:00:00"	9.28	5.042	18.23	15.31	7.936	5.343	20.81	13.52	28.04	33.39	-5.348	55.8	46.2	26.444	367.14	0
"2014-02-11	14:00:00"	6.751	357.9	37.28	14.12	5.797	358.1	41.66	12.33	29.96	35.94	-5.975	52.17	42.1	26.408	510.77	0
"2014-02-11	15:00:00"	7.974	324.2	26.75	22.47	6.439	327.6	27.17	17.7	32.08	40.11	-8.03	49.01	36.79	26.381	511.07	0
"2014-02-11	16:00:00"	8.07	306.6	20.71	15.31	5.917	310.1	24.4	12.33	33.54	41.28	-7.738	49.61	37.04	26.359	486.26	0
"2014-02-11	17:00:00"	9.18	301.6	18.46	14.72	6.507	304.6	19.53	12.93	33.9	40.74	-6.839	51.43	39.16	26.358	314.14	0
"2014-02-11	18:00:00"	5.54	294.4	29.95	14.12	4.004	297.7	28.9	10.54	34.69	38.88	-4.197	51.65	43.23	26.345	156.41	0
"2014-02-11	19:00:00"	2.705	163.5	49.59	4.578	2.071	164.2	56.14	3.982	33.77	35.31	-1.546	53.47	49.21	26.327	18.126	0
"2014-02-11	20:00:00"	3.939	168.5	14.15	9.95	2.94	161.2	21.24	7.561	32.27	32.78	-0.507	55.37	53.03	26.324	0.00134	0
"2014-02-11	21:00:00"	5.952	207.1	13.57	9.35	4.664	204.9	13.57	7.561	29.53	31.75	-2.216	60.06	54.97	26.336	0.02054	0
"2014-02-11	22:00:00"	5.008	240.4	14.08	7.561	3.788	245.3	18.24	6.368	28.09	28.32	-0.227	64.79	62.67	26.357	0.14304	0
"2014-02-11	23:00:00"	3.503	213.2	15.62	5.175	2.538	206.1	19.69	3.982	26.76	26.78	-0.025	68.04	66.4	26.346	0.13451	0
"2014-02-12	00:00:00"	4.422	211.7	18.7	6.964	3.178	207.5	21.47	5.771	25.75	26.04	-0.297	70.31	68.57	26.335	0.1563	0
"2014-02-12	01:00:00"	4.354	210.9	12.97	7.561	3.22	206.6	15.21	6.368	24.42	26.57	-2.147	72.9	68.19	26.319	0.15703	0
"2014-02-12	02:00:00"	3.664	222.4	15.47	6.368	2.727	220.9	19.13	5.771	24.05	25.43	-1.383	74.37	69.96	26.307	0.0793	0
"2014-02-12	03:00:00"	4.09	223.5	16.32	6.368	3.014	222.3	23.74	5.175	23.79	25.05	-1.266	75.33	71.12	26.305	0.12356	0
"2014-02-12	04:00:00"	4.635	243.5	10.21	7.561	3.294	249.4	15.22	5.771	24.27	24.24	0.024	75.96	73.2	26.296	0.14785	0
"2014-02-12	05:00:00"	7.997	258.9	8.4	13.52	5.857	264.1	9.51	11.14	24.26	25.28	-1.019	76.28	74.01	26.291	0.11771	0
"2014-02-12	06:00:00"	12.31	272.1	9.9	17.1	8.86	279	11.5	15.91	26.78	28.77	-1.988	76.3	72.74	26.301	0.12424	0
"2014-02-12	07:00:00"	10.06	286.7	7.002	14.12	6.034	290.8	9.6	11.14	25.76	28.56	-2.803	75.08	67.93	26.317	0.11569	0
"2014-02-12	08:00:00"	14.06	313.3	13.84	19.49	9.22	317.1	14.9	15.91	27.3	30.96	-3.667	76.43	68.85	26.335	7.409	0
"2014-02-12	09:00:00"	12.84	326.5	10.81	18.3	9.3	328.7	11.26	14.12	33.44	37.88	-4.437	70.38	60.97	26.371	146.44	0
"2014-02-12	10:00:00"	19.17	5.802	15.86	30.22	15.35	5.003	19.12	27.24	43.94	47.95	-4.014	43.33	38.14	26.413	342.97	0
"2014-02-12	11:00:00"	22.5	29.34	8.4	32.01	18.48	32.74	11.26	29.03	48.04	51.98	-3.947	34.56	29.91	26.432	527.29	0
"2014-02-12	12:00:00"	19.58	35.39	10.23	27.24	16.2	38.58	12.37	24.86	51.34	55.64	-4.296	30.6	26.08	26.432	658.79	0
"2014-02-12	13:00:00"	14.45	40.6	13.6	21.87	12.09	44.44	15.85	20.09	53.99	57.68	-3.684	26.58	22.66	26.422	738.28	0
"2014-02-12	14:00:00"	10.33	39.01	18.87	18.89	8.74	41.96	22.72	17.1	55.94	58.5	-2.56	23.36	20.24	26.395	745.52	0
"2014-02-12	15:00:00"	6.827	5.49	40.55	15.31	5.859	6.182	46.44	13.52	56.86	58.65	-1.785	20.97	18.28	26.36	670.84	0
"2014-02-12	16:00:00"	4.283	147.6	85.8	8.75	3.782	141.8	88.9	8.16	57.36	58.46	-1.106	20.07	17.8	26.33	562.16	0
"2014-02-12	17:00:00"	3.567	218.5	48.09	8.16	3.268	217.5	56.75	7.561	58.04	58.83	-0.786	19.45	17.34	26.315	398.44	0
"2014-02-12	18:00:00"	6.257	209.6	24.54	12.93	5.134	212	27.51	14.12	58.33	58.8	-0.479	19.16	17.34	26.317	191.42	0
"2014-02-12	19:00:00"	4.951	195.1	18.12	7.561	3.462	191.3	21.31	6.964	55.92	55.17	0.753	20.81	20.06	26.305	14.447	0
"2014-02-12	20:00:00"	7.39	178.6	7.314	11.74	5.397	176.3	8.87	9.35	52.75	51.37	1.379	22.72	22.62	26.304	0	0
"2014-02-12	21:00:00"	8.48	188.6	9.9	12.93	6.116	194.8	14.76	9.95	49.34	49.43	-0.09	25.51	24.34	26.294	0	0
"2014-02-12	22:00:00"	6.254	205.1	12.37	9.95	4.57	204.4	12.09	7.561	46.11	46.91	-0.795	28.45	26.74	26.281	0	0
"2014-02-12	23:00:00"	6.736	212.1	12.35	12.93	5.052	208.6	14.64	9.95	44.17	45.49	-1.318	30.1	28	26.263	0	0
"2014-02-13	00:00:00"	7.218	210.5	12.45	12.93	5.337	209.8	14.91	10.54	43.19	44.5	-1.312	31.78	29.75	26.244	0	0
"2014-02-13	01:00:00"	6.791	202.2	12.23	11.14	5.101	200.1	12.31	8.75	42.21	43.72	-1.518	32.93	30.75	26.231	0	0
"2014-02-13	02:00:00"	5.954	197.4	15.74	10.54	4.411	197.4	19.85	8.75	40.18	41.32	-1.141	35.84	33.92	26.217	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-13	03:00:00"	7.419	206.5	17.41	11.74	5.358	210.8	22.18	8.75	40.91	42.07	-1.155	35.42	33.62	26.207	0
"2014-02-13	04:00:00"	6.881	217.3	13.87	9.95	5.137	219.7	15.45	8.16	40.77	41.92	-1.154	35.6	33.7	26.194	0
"2014-02-13	05:00:00"	6.945	221.7	15.95	11.74	5.285	223	20.4	9.95	40.11	41.45	-1.346	36.29	34.15	26.176	0
"2014-02-13	06:00:00"	6.215	234.9	13.88	9.35	4.082	244.2	22.19	6.368	40.76	39.68	1.081	35.49	35.88	26.173	0
"2014-02-13	07:00:00"	6.537	244.8	10.65	8.75	4.389	253.2	16.2	6.964	41.74	41.58	0.159	34.33	34.19	26.181	0
"2014-02-13	08:00:00"	6.921	244.1	8.49	10.54	4.819	251.7	14.08	8.75	41.72	41.04	0.681	34.35	34.75	26.188	9.0773
"2014-02-13	09:00:00"	5.781	274	18.22	9.35	3.635	280	17.25	6.964	43.28	43.56	-0.287	33.92	33.44	26.216	178.98
"2014-02-13	10:00:00"	11.2	314.2	16.98	24.26	7.842	318	16.72	20.09	51.98	54.72	-2.737	28.06	25.49	26.228	265.45
"2014-02-13	11:00:00"	18.95	7.955	14.17	26.05	15.25	7.627	17.69	23.66	60.34	64.63	-4.286	23.51	19.89	26.236	521.86
"2014-02-13	12:00:00"	17.96	29.17	9.34	27.24	14.84	31.96	12.37	23.07	65.71	70.47	-4.759	19.88	16.16	26.236	663.6
"2014-02-13	13:00:00"	13.74	21.75	14.63	20.09	11.66	23.59	18.48	18.89	67.33	70.97	-3.634	19.83	16.5	26.228	742.26
"2014-02-13	14:00:00"	11.35	5.251	16.31	17.7	9.62	5.79	20.04	16.51	69.34	72.8	-3.46	19.09	15.91	26.211	751.44
"2014-02-13	15:00:00"	8.12	346.2	22.89	16.51	6.8	345.5	26.17	15.31	70.43	73.81	-3.376	18.52	15.33	26.179	677.24
"2014-02-13	16:00:00"	5.842	357.3	41.06	12.93	4.894	359.3	45.54	11.74	71.2	74.16	-2.963	18.19	15.16	26.168	569.28
"2014-02-13	17:00:00"	6.397	290.2	33.27	12.93	5.004	293.6	34.67	10.54	71.87	74.56	-2.686	17.69	14.84	26.159	402.07
"2014-02-13	18:00:00"	3.473	259	38.31	8.16	2.809	261.2	38.99	6.964	71.67	72.96	-1.286	17.74	15.56	26.15	203.93
"2014-02-13	19:00:00"	3.44	222.2	21.35	5.175	2.182	224.3	23.04	4.578	70.16	69.82	0.334	18.54	17.36	26.152	26.272
"2014-02-13	20:00:00"	4.818	224.4	33.09	9.95	2.851	222.2	41.3	7.561	64.94	63.07	1.869	21.65	21.5	26.157	0
"2014-02-13	21:00:00"	6.201	262	10.94	9.35	3.727	268.8	20.86	6.368	61.67	58.9	2.771	23.83	24.44	26.164	0
"2014-02-13	22:00:00"	5.626	263.5	8.45	8.16	2.994	281.4	22.5	5.771	60.32	55.78	4.546	24.77	27.1	26.163	0
"2014-02-13	23:00:00"	6.129	266.8	14.71	8.16	3.38	276.6	19.34	5.771	57.74	53.47	4.27	26.91	29.34	26.165	0
"2014-02-14	00:00:00"	5.572	228.2	16.87	9.35	3.528	228.2	25.09	6.964	55.3	52.68	2.622	29.24	30.41	26.155	0
"2014-02-14	01:00:00"	5.782	230.9	11.84	8.16	3.782	235.9	18.13	5.771	56.84	53.1	3.744	27.92	29.18	26.141	0
"2014-02-14	02:00:00"	6.938	241.4	38.76	12.93	4.074	237.9	44.12	6.964	54.32	51.89	2.434	29.43	30.61	26.149	0
"2014-02-14	03:00:00"	12.89	297	5.063	15.31	5.744	303.5	8.08	9.35	53.21	52.33	0.882	30.78	31.46	26.154	0
"2014-02-14	04:00:00"	12.18	299.6	9.12	16.51	6.272	304.8	11.17	9.95	52.08	52.51	-0.423	32.08	31.08	26.162	0
"2014-02-14	05:00:00"	11.12	297.9	13.87	15.31	5.576	302.4	15.55	10.54	51.24	52.96	-1.715	32.14	30.26	26.157	0
"2014-02-14	06:00:00"	12.02	301	6.263	15.91	5.816	307.4	8.82	8.75	50.54	54	-3.451	32.38	28.62	26.173	0
"2014-02-14	07:00:00"	11.48	305.1	9.46	15.31	6.116	308.6	12.65	11.14	49.7	51.2	-1.501	32.92	30.49	26.197	0
"2014-02-14	08:00:00"	10.39	297.9	5.963	14.72	4.621	301.3	8.81	8.75	48.31	45.94	2.372	33.97	35.45	26.218	10.469
"2014-02-14	09:00:00"	11.49	309.9	8.63	15.91	6.893	314.5	10.47	11.14	53.55	53.06	0.49	28.45	27.87	26.238	157.17
"2014-02-14	10:00:00"	12.12	301.1	8.74	19.49	7.131	306	10.31	14.12	61.15	61.91	-0.759	22.72	20.95	26.255	349.67
"2014-02-14	11:00:00"	21.19	314.2	9.91	36.78	14.47	317.8	11.32	31.42	71.93	73.82	-1.89	16.52	14.31	26.265	533.36
"2014-02-14	12:00:00"	25.95	119.1	25.76	39.77	18.75	322.7	11.2	33.8	74.05	77.27	-3.22	15.8	12.91	26.269	669.94
"2014-02-14	13:00:00"	21.77	120.6	9.66	33.8	16.65	328.6	11.75	28.43	74.92	77.22	-2.3	15.43	12.89	26.272	747.12
"2014-02-14	14:00:00"	17.44	142.7	55.46	26.65	13.65	17.81	53.74	23.07	73.96	75.77	-1.809	16.44	14.01	26.26	745.3
"2014-02-14	15:00:00"	16.47	169.3	54.44	26.65	13.24	66.02	14.82	21.87	70.74	72.45	-1.707	18.73	16.22	26.259	673.8
"2014-02-14	16:00:00"	16.73	199.1	72.72	26.05	13.35	73.74	14.16	21.87	69.3	70.72	-1.422	20.33	17.88	26.27	578.43
"2014-02-14	17:00:00"	16.9	242.5	75.77	24.86	13.4	77.67	13.23	21.87	67.53	68.44	-0.905	22.27	19.99	26.279	395.25
"2014-02-14	18:00:00"	18.43	284.2	38.29	26.05	14.3	85.1	10.4	21.87	66.52	65.4	1.115	23.64	22.47	26.286	214.99
"2014-02-14	19:00:00"	16.1	340.9	43.63	26.05	12.49	91.7	9.29	21.87	62.78	61.63	1.152	26.93	26.11	26.296	34.938
"2014-02-14	20:00:00"	10.26	43.91	13.57	15.31	7.58	94.3	9.11	12.93	58.69	58.32	0.376	30.39	29.47	26.309	0
"2014-02-14	21:00:00"	9.93	47.6	11.7	14.12	7.2	94.9	9.05	11.14	53.58	54.94	-1.366	35.34	32.65	26.325	0
"2014-02-14	22:00:00"	9.2	46.92	2.966	12.33	6.439	100.8	7.095	9.35	51.49	51.81	-0.318	37.32	35.61	26.343	0
"2014-02-14	23:00:00"	8.51	49.08	2.569	11.74	5.659	106.5	9.99	8.75	48.23	48.5	-0.266	39.93	38.37	26.346	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-02-15	00:00:00"	7.32	56.56	2.269	9.95	4.565	127.9	23.23	6.964	46.56	45.45	1.111	41.6	41.57	26.349	0	0
"2014-02-15	01:00:00"	6.643	60.13	0.244	9.95	4.505	154.2	9.8	6.964	45.39	44.2	1.197	43.33	43.47	26.343	0	0
"2014-02-15	02:00:00"	5.693	60.45	0.273	8.75	3.47	177.7	12.25	6.368	45.17	43.91	1.265	43.37	43.75	26.333	0	0
"2014-02-15	03:00:00"	7.124	60.38	0.311	9.35	5.044	168.1	9.36	7.561	45.6	44.45	1.147	41.57	41.87	26.329	0	0
"2014-02-15	04:00:00"	5.356	62.55	1.85	8.75	3.668	167.8	16.68	6.964	45.63	44.86	0.767	40.01	40.04	26.315	0	0
"2014-02-15	05:00:00"	3.916	64.38	0.502	5.771	2.013	156.1	53	3.982	44.4	43.18	1.22	41.12	42.33	26.3	0	0
"2014-02-15	06:00:00"	5.175	64.51	0.372	8.16	3.045	212.9	30.89	6.368	45.19	43.78	1.412	39.68	41.18	26.289	0	0
"2014-02-15	07:00:00"	6.509	66.44	1.276	9.35	4.832	221.2	13.35	7.561	45.53	46.16	-0.622	39.39	38.14	26.292	0	0
"2014-02-15	08:00:00"	6.938	68.59	0.131	11.14	5.195	230.7	12.77	9.35	44.76	44.63	0.13	40.79	39.71	26.296	7.7512	0
"2014-02-15	09:00:00"	7.778	68.87	0.189	10.54	5.957	250.3	13.51	8.16	44.6	44.97	-0.373	41.97	40.35	26.302	103.66	0
"2014-02-15	10:00:00"	7.869	69	0.378	11.74	6.792	240.6	15.26	10.54	48.68	50.02	-1.338	39.25	36.49	26.313	340.52	0
"2014-02-15	11:00:00"	8.42	69.45	0.38	12.93	7.177	248.7	12.71	11.14	57.7	59.14	-1.436	31.55	28.73	26.316	546.73	0
"2014-02-15	12:00:00"	13.28	87.1	9.25	22.47	8.86	291	19.52	18.3	71.61	73.57	-1.965	19.56	17.01	26.308	661.51	0
"2014-02-15	13:00:00"	15.51	90.8	5.08	23.66	10.17	296.6	12.73	20.68	77.02	78.99	-1.968	15.13	12.76	26.288	698.05	0
"2014-02-15	14:00:00"	16.6	102.5	10.86	24.26	11.73	313.7	17.18	20.68	80.2	82.2	-1.999	11.64	9.39	26.258	704.84	0
"2014-02-15	15:00:00"	13.9	97.3	8.17	22.47	9.93	315.4	18.01	18.3	82.7	84.7	-1.992	9.08	6.903	26.239	675.05	0
"2014-02-15	16:00:00"	10.35	84.4	5.672	18.3	7.575	287.6	25.17	15.31	82.6	84.3	-1.684	8.9	6.784	26.236	583.09	0
"2014-02-15	17:00:00"	9.53	74.45	3.053	14.72	7.775	255.4	23.48	14.12	82.6	83.5	-0.933	8.77	6.78	26.231	419.14	0
"2014-02-15	18:00:00"	8.4	71.87	1.405	14.12	6.949	236.6	16.94	11.74	82	82.1	-0.069	9.51	7.699	26.227	214.01	0
"2014-02-15	19:00:00"	5.673	71.93	0.362	9.95	3.828	226.7	22.65	8.16	78.48	77.14	1.337	10.8	9.54	26.236	28.193	0
"2014-02-15	20:00:00"	5.951	71.43	0.262	9.95	3.633	197.9	12.99	6.368	71.92	70.12	1.802	14.67	13.85	26.247	0	0
"2014-02-15	21:00:00"	5.771	71.41	0.389	8.16	3.659	205.4	12.7	6.368	69.24	67.54	1.694	16.26	15.46	26.257	0	0
"2014-02-15	22:00:00"	6.647	71.04	0.331	11.14	4.324	194.9	13.6	7.561	66.69	64.92	1.77	17.99	17.51	26.266	0	0
"2014-02-15	23:00:00"	7.196	70.73	0.697	11.74	4.995	212.9	16.4	8.16	62.85	62.73	0.114	20.29	19.08	26.268	0	0
"2014-02-16	00:00:00"	7.438	70.73	0.506	11.14	5.132	207.3	12.64	8.75	61.29	60.77	0.524	21.64	20.58	26.263	0	0
"2014-02-16	01:00:00"	8.84	66.18	1.057	12.93	6.266	195.8	11.17	8.75	59.02	59.15	-0.139	25.29	23.83	26.251	0	0
"2014-02-16	02:00:00"	7.832	65.94	0.548	11.14	5.613	203.7	10.46	8.16	55.95	56.24	-0.292	29.97	28.3	26.252	0	0
"2014-02-16	03:00:00"	8.1	69.13	4.8	14.12	5.562	243.8	36.17	11.74	54.02	54.01	0.008	33.31	31.93	26.251	0	0
"2014-02-16	04:00:00"	6.766	81.8	2.461	11.74	3.623	316.1	25.86	6.964	53.09	49.45	3.635	32.67	35.09	26.249	0	0
"2014-02-16	05:00:00"	9.61	95.6	5.109	13.52	6.671	2.191	11.24	10.54	47.89	47.33	0.554	40.17	39.95	26.25	0	0
"2014-02-16	06:00:00"	12.44	107.2	4.166	17.7	9.25	359.2	12.04	14.12	44.63	45.47	-0.832	55.33	52.48	26.251	0	0
"2014-02-16	07:00:00"	12.83	110.5	4.365	17.1	9.57	3.961	12.53	14.12	43.21	44.34	-1.13	57.6	53.9	26.254	0	0
"2014-02-16	08:00:00"	12.16	108.2	2.489	18.3	9.43	1.118	12.87	14.72	42.36	43.24	-0.881	59.03	56.11	26.261	18.993	0
"2014-02-16	09:00:00"	12.02	108	4.663	17.1	9.77	4.807	11.57	14.72	43.81	45.37	-1.567	56.39	53.24	26.282	102.86	0
"2014-02-16	10:00:00"	13.19	113.8	6.53	19.49	10.7	7.6	12.9	18.3	46.29	50.84	-4.551	54.15	46.24	26.294	227.94	0
"2014-02-16	11:00:00"	9.17	100.7	6.835	15.91	7.761	3.481	22.1	14.72	53.65	55.96	-2.309	43.3	38.38	26.301	523.17	0
"2014-02-16	12:00:00"	6.762	88.4	2.596	12.33	5.595	307.6	31.4	11.14	61.26	61.98	-0.721	32.33	30.07	26.294	633.89	0
"2014-02-16	13:00:00"	7.177	81.6	3.047	12.93	5.817	269.6	27.68	12.33	66.26	67.34	-1.08	27.26	24.82	26.273	766.19	0
"2014-02-16	14:00:00"	10.8	73.42	3.613	17.7	9.16	251.3	19.16	16.51	73.1	73.92	-0.823	19.75	17.46	26.239	766.12	0
"2014-02-16	15:00:00"	12.15	71.74	2.783	19.49	10.11	255.8	16.88	18.3	77.11	77.98	-0.864	14.74	12.58	26.205	705.83	0
"2014-02-16	16:00:00"	12.93	73.68	3.374	22.47	10.7	256.9	16.28	19.49	79.82	80.6	-0.788	10.14	8.1	26.187	596.74	0
"2014-02-16	17:00:00"	11.57	72.84	1.833	18.89	9.52	254.6	17.09	16.51	80.3	80.9	-0.561	8.97	7.022	26.178	374.38	0
"2014-02-16	18:00:00"	10.85	73.41	1.109	17.7	8.47	256.9	12.71	15.31	79.99	79.94	0.049	8.21	6.481	26.181	134.12	0
"2014-02-16	19:00:00"	6.128	73.55	0.375	9.95	4.156	224.6	31.48	8.16	75.61	74.42	1.2	9.59	8.44	26.188	16.61	0
"2014-02-16	20:00:00"	7.107	72.05	0.525	12.33	4.73	207.1	12.73	8.16	69.73	68.63	1.097	14.75	13.3	26.204	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-16	21:00:00"	6.141	72.03	0.31	10.54	4.329	229.1	21.57	7.561	66.46	65.53	0.94	20.02	18.91	26.222	0
"2014-02-16	22:00:00"	6.182	71.55	0.639	12.33	4.241	215.2	25.53	9.35	64.51	63.72	0.786	21.76	20.78	26.233	0
"2014-02-16	23:00:00"	6.556	70.66	0.276	10.54	4.495	195.8	12.99	7.561	62.29	62.01	0.279	24.83	23.75	26.236	0
"2014-02-17	00:00:00"	5.606	70.79	0.342	8.16	3.754	200.9	11.11	6.368	60.12	59.42	0.703	26.64	26.09	26.239	0
"2014-02-17	01:00:00"	5.304	70.98	0.349	8.75	3.217	235	31.91	6.368	59	57.86	1.136	25.56	25.86	26.241	0
"2014-02-17	02:00:00"	5.455	71.39	0.3	8.75	3.481	232.9	19.14	5.771	60.21	57.84	2.374	20.58	22.02	26.244	0
"2014-02-17	03:00:00"	10.13	83.6	8.15	15.31	5.411	296	30.26	9.35	57.63	58.22	-0.588	20.57	19.84	26.256	0
"2014-02-17	04:00:00"	12.21	95.8	1.736	16.51	7.001	315.6	8.21	11.14	57.34	59.22	-1.888	19.1	17.2	26.263	0
"2014-02-17	05:00:00"	9.73	93.5	1.087	14.72	5.602	304.1	23.74	9.95	56.09	56.88	-0.787	19.83	18.34	26.275	0
"2014-02-17	06:00:00"	9.47	95.9	9.08	21.87	6.523	289.9	38.33	17.7	56.44	56	0.446	21.05	20.43	26.289	0
"2014-02-17	07:00:00"	13.65	106.3	4.756	22.47	10.34	338.1	10.27	19.49	59.51	61.03	-1.512	20.11	17.98	26.312	0
"2014-02-17	08:00:00"	10.68	99.9	1.833	15.31	7.876	348.9	10.92	12.93	59.38	59.31	0.076	21.27	20.18	26.34	4.7143
"2014-02-17	09:00:00"	7.803	97.2	0.696	12.33	5.689	348.3	17.05	10.54	59.8	59.89	-0.083	21.72	20.61	26.376	57.852
"2014-02-17	10:00:00"	9.45	117	36.16	29.03	7.706	28	84.4	25.45	59.98	60.45	-0.461	22.72	21.61	26.422	153.41
"2014-02-17	11:00:00"	21.27	226.6	37.93	29.63	16.62	66.78	15.42	24.26	63.06	65.46	-2.397	21.9	18.99	26.451	563.66
"2014-02-17	12:00:00"	19.88	255.1	33.23	30.22	15.65	77.71	11.53	24.26	63.52	67.45	-3.932	22.85	19.15	26.459	695.06
"2014-02-17	13:00:00"	16.19	335.7	59.93	24.26	13.27	91.9	14.46	21.28	65.94	69.95	-4.005	21.68	17.96	26.453	804.73
"2014-02-17	14:00:00"	14.29	9.52	53.64	21.87	11.75	95.9	15.76	18.89	66.73	70.8	-4.074	21.4	17.65	26.432	729.78
"2014-02-17	15:00:00"	13.81	23.02	22.52	21.87	11.43	109.8	15.76	17.7	66.55	70.12	-3.571	20.5	16.98	26.412	566.47
"2014-02-17	16:00:00"	14.28	25.29	13.64	21.28	11.79	122.4	12.81	17.1	65.3	67.37	-2.074	19.92	17.12	26.405	310.61
"2014-02-17	17:00:00"	13.55	29.59	10.54	19.49	10.97	120.7	12.44	16.51	64.29	66.5	-2.208	20.02	17.21	26.403	237.43
"2014-02-17	18:00:00"	12.51	30	9.57	18.89	10.15	108.6	10.49	15.91	63.08	65.57	-2.492	19.07	16.21	26.399	110.82
"2014-02-17	19:00:00"	8.96	53.08	8.97	14.72	6.426	102.2	7.963	11.74	60.47	62.07	-1.603	20.28	17.77	26.406	13.558
"2014-02-17	20:00:00"	9.09	59.6	1.17	11.14	4.872	92.9	6.885	6.964	56.68	53.73	2.947	22.31	23.16	26.409	0
"2014-02-17	21:00:00"	10.21	45.88	7.19	12.93	6.794	100	6.303	9.35	54.85	52.52	2.328	21.36	21.51	26.407	0
"2014-02-17	22:00:00"	11.09	35.07	5.52	14.72	7.934	104.1	7.851	11.14	55.41	52.98	2.425	18.93	19.03	26.401	0
"2014-02-17	23:00:00"	11.07	39.92	2.229	14.72	8.03	118.5	9.15	11.74	54.43	52.87	1.556	19.87	19.42	26.389	0
"2014-02-18	00:00:00"	11.56	41.07	4.192	15.91	8.52	129.3	7.511	12.93	54.44	51.58	2.856	20.45	20.71	26.375	0
"2014-02-18	01:00:00"	9.76	50.11	3.725	14.72	6.764	131.7	8.63	11.14	51.69	51.85	-0.16	22.71	21.24	26.359	0
"2014-02-18	02:00:00"	8.58	56.63	3.301	12.93	6.029	143.3	7.371	9.35	49.89	48.72	1.164	24.65	23.9	26.341	0
"2014-02-18	03:00:00"	7.814	60.42	1.983	12.93	5.944	157.8	10.04	10.54	49.49	48.29	1.204	25.85	25.2	26.327	0
"2014-02-18	04:00:00"	9.86	56.55	3.583	14.72	7.558	165.4	9.56	12.33	49.82	48.84	0.974	26.83	26.06	26.302	0
"2014-02-18	05:00:00"	8.77	59.38	4.145	15.91	6.42	175.1	10.76	12.33	49.1	47.88	1.224	28.23	27.76	26.272	0
"2014-02-18	06:00:00"	7.573	61.81	0.28	11.74	5.134	187.5	10.01	8.75	48.11	46.69	1.424	29.82	29.63	26.259	0
"2014-02-18	07:00:00"	7.167	64.4	1.438	11.14	5.403	214.5	13.85	8.75	46.58	45.97	0.609	31.49	30.61	26.249	0
"2014-02-18	08:00:00"	8.1	66.24	0.347	11.14	6.363	222.1	11.21	10.54	46.06	47.19	-1.129	33.9	31.69	26.253	11.953
"2014-02-18	09:00:00"	7.795	64.58	3.765	14.72	6.402	212.5	17.6	12.93	47.64	51.38	-3.746	38.21	33.23	26.265	161.36
"2014-02-18	10:00:00"	10.13	60.69	2.799	16.51	8.63	205.3	13.52	14.72	55.01	56.56	-1.552	40.4	36.65	26.274	374.18
"2014-02-18	11:00:00"	9.82	63.65	2.171	14.12	8.3	219	18.44	12.93	60.83	61.6	-0.77	29.44	27.06	26.271	509.81
"2014-02-18	12:00:00"	10.22	65.63	3.083	17.1	8.74	231.4	19.44	15.31	67.45	68.43	-0.984	21.25	18.91	26.268	695.38
"2014-02-18	13:00:00"	13.03	75.72	6.613	21.87	10.54	261.5	21.92	18.3	75.23	76.42	-1.19	14.89	12.67	26.241	775.29
"2014-02-18	14:00:00"	17.73	91.1	7.699	26.65	12.44	289.7	15.92	21.28	78.25	80.5	-2.283	11.77	9.43	26.211	784.42
"2014-02-18	15:00:00"	16.42	100.2	6.207	26.65	10.77	310.1	13.57	21.28	78.29	81.3	-2.989	11.29	8.77	26.194	705.49
"2014-02-18	16:00:00"	12.97	93.8	5.462	23.66	8.66	304.5	15.27	17.7	78.32	81.7	-3.389	11.11	8.53	26.182	598.66
"2014-02-18	17:00:00"	11.21	87.3	4.507	18.89	7.87	289	16.56	17.1	78.4	82.4	-4.045	10.78	8.1	26.174	418.33

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-18	18:00:00"	8.6	88.2	2.077	15.91	5.423	303.6	15.89	13.52	77.48	79.49	-2.012	10.82	8.69	26.17	170.31	0	
"2014-02-18	19:00:00"	5.419	88.4	0.322	7.561	3.475	337.3	21.89	5.175	74.82	72.53	2.29	11.76	11.02	26.178	20.385	0	
"2014-02-18	20:00:00"	5.174	88.4	0.519	7.561	4.302	355.1	11.79	5.175	73.36	66.69	6.664	11.98	13.36	26.191	0	0	
"2014-02-18	21:00:00"	6.949	88.5	0.437	9.35	4.233	334.8	8.7	5.175	71.39	62.08	9.31	12.72	15.7	26.202	0	0	
"2014-02-18	22:00:00"	5.443	88.4	0.348	9.35	2.75	324.3	15.26	4.578	68.6	59.82	8.77	13.88	17.18	26.212	0	0	
"2014-02-18	23:00:00"	5.615	88.4	0.367	9.95	3.545	336.2	44.55	6.964	63.83	57.8	6.028	16.49	18.91	26.218	0	0	
"2014-02-19	00:00:00"	8.08	89.1	0.179	9.95	5.218	356.6	12.35	6.964	66.15	53.59	12.56	14.69	22.08	26.212	0	0	
"2014-02-19	01:00:00"	4.959	88.6	0.175	10.54	4.773	359.1	17.85	6.964	67.73	54.28	13.45	13	20.61	26.203	0	0	
"2014-02-19	02:00:00"	7.123	88.7	0.244	11.74	4.84	349.2	18.09	8.75	64.23	54.95	9.29	13.07	19.55	26.189	0	0	
"2014-02-19	03:00:00"	7.166	89	0.271	9.35	4.981	24.07	22.56	6.368	63.22	52.56	10.66	13.05	20.9	26.172	0	0	
"2014-02-19	04:00:00"	6.679	75.69	13.93	17.7	5.744	302.2	95.4	14.72	58.65	50.76	7.89	17.26	21.99	26.16	0	0	
"2014-02-19	05:00:00"	6.244	67.35	0.399	13.52	4.492	245.4	21.53	11.74	49.33	47.94	1.395	27.07	26.8	26.155	0	0	
"2014-02-19	06:00:00"	5.863	70.38	3.309	9.35	3.251	312.8	17.94	5.175	54.49	48.57	5.915	22.22	26.08	26.138	0	0	
"2014-02-19	07:00:00"	9.45	88.9	5.271	12.93	4.947	331.7	22.31	8.16	50.53	48.27	2.253	26.29	28.17	26.13	0	0	
"2014-02-19	08:00:00"	5.392	80.3	11.33	11.74	3.846	70.66	60.8	8.75	47.51	47.5	0.011	29.17	28.86	26.14	10.333	0	
"2014-02-19	09:00:00"	4.385	71.8	0.214	6.368	3.378	42.82	17.44	5.175	51.61	50.6	1.01	25.65	27.82	26.149	176.24	0	
"2014-02-19	10:00:00"	4.06	71.67	0.367	9.95	3.417	185.2	49.26	8.16	58.1	58.45	-0.355	21.6	19.94	26.143	369.91	0	
"2014-02-19	11:00:00"	8.29	69.81	2.755	15.31	7.024	234.6	19.45	12.93	65.26	65.81	-0.551	18.04	16.18	26.132	561.41	0	
"2014-02-19	12:00:00"	13.98	64.16	4.966	23.66	11.62	230.2	20.06	21.28	74.1	74.43	-0.332	12.86	10.95	26.114	684.41	0	
"2014-02-19	13:00:00"	17.5	64.77	6.286	26.65	14.66	238.2	17.48	26.65	77.31	77.39	-0.084	11.25	9.4	26.083	741.34	0	
"2014-02-19	14:00:00"	17.52	72.33	5.612	26.05	14.42	253.8	16.76	24.26	78.07	78.04	0.035	10.64	8.85	26.05	631.86	0	
"2014-02-19	15:00:00"	18.58	78.94	4.679	29.03	14.89	268.5	13.32	24.86	78.45	79.01	-0.567	10.4	8.51	26.016	598.22	0	
"2014-02-19	16:00:00"	21.47	75.19	6.274	33.8	17.02	260.6	15.05	28.43	78.79	79.08	-0.294	9.42	7.594	25.997	478.8	0	
"2014-02-19	17:00:00"	20.47	67.27	5.826	34.4	16.89	245.4	14.62	28.43	79.48	79.71	-0.23	8.44	6.627	25.973	339.44	0	
"2014-02-19	18:00:00"	16.59	79.3	7.648	29.63	12.75	268.8	20.04	25.45	77.08	77.87	-0.782	8.77	6.897	25.968	94.535	0	
"2014-02-19	19:00:00"	8.12	79.03	4.617	15.31	6.162	253.1	22.78	14.12	72.87	72.54	0.323	10.35	8.8	25.98	12.136	0	
"2014-02-19	20:00:00"	4.668	74.04	1.388	18.3	3.328	200.2	61.7	16.51	68.4	67.07	1.335	11.97	11	25.983	0	0	
"2014-02-19	21:00:00"	10.97	68.19	1.678	19.49	9.27	227.7	15.79	18.3	68.65	70.31	-1.661	11.7	9.69	25.975	0	0	
"2014-02-19	22:00:00"	10.12	66.82	2.118	15.91	8.25	221.8	14.01	15.31	66.74	68.83	-2.085	12.69	10.44	25.973	0	0	
"2014-02-19	23:00:00"	11.15	63.56	1.449	17.7	8.91	214.4	15.33	14.12	65.8	67.74	-1.944	13.28	11.04	25.967	0	0	
"2014-02-20	00:00:00"	9.96	64.52	0.994	17.1	7.836	219.2	14.14	15.31	64.73	64.33	0.395	13.76	12.26	25.964	0	0	
"2014-02-20	01:00:00"	9.12	68.36	1.352	15.91	7.171	228.4	13.98	13.52	62.74	62.26	0.482	14.65	13.22	25.969	0	0	
"2014-02-20	02:00:00"	7.352	67.98	1.393	11.74	5.434	216.5	14.42	9.95	58.97	59.6	-0.63	16.62	14.87	25.982	0	0	
"2014-02-20	03:00:00"	7.106	68.74	0.828	12.93	5.269	210.9	20.56	10.54	56.19	54.62	1.564	17.94	17.62	25.997	0	0	
"2014-02-20	04:00:00"	7.742	71.87	4.439	14.12	5.462	246.9	20.2	11.14	57.55	55.89	1.667	16.75	16.07	26.004	0	0	
"2014-02-20	05:00:00"	6.595	79.38	0.156	11.14	4.461	268	13.14	8.75	58.61	56.79	1.821	15.98	15.41	26.024	0	0	
"2014-02-20	06:00:00"	11.01	86.6	6.66	20.09	6.75	283.4	21.39	14.12	58.9	57.79	1.103	16.12	15.37	26.048	0	0	
"2014-02-20	07:00:00"	13.69	106.5	7.193	23.66	10.12	338.2	11.83	20.09	57.07	54.55	2.521	19.55	19.51	26.096	0	0	
"2014-02-20	08:00:00"	13.12	105.2	4.445	27.24	9.5	338.6	8.25	24.26	52.11	48.52	3.592	26.18	27.16	26.137	13.137	0	
"2014-02-20	09:00:00"	15.71	115.8	16.16	31.42	12.33	341.3	10.69	26.65	53.36	52.58	0.78	26.47	25.62	26.181	169.29	0	
"2014-02-20	10:00:00"	25.04	144.4	9.21	35.59	19.97	347.3	12.15	30.82	55.39	57.58	-2.19	24.11	21.28	26.212	374.46	0	
"2014-02-20	11:00:00"	27.02	143.8	10.46	42.75	21.43	344.7	13.39	33.8	57.25	60.17	-2.925	19.8	16.76	26.246	559.26	0	
"2014-02-20	12:00:00"	30.49	138.8	9.1	43.35	24.22	337.3	11.24	36.78	58.9	62.55	-3.646	13.86	10.88	26.271	702.39	0	
"2014-02-20	13:00:00"	29.25	140.1	9.34	45.73	23.14	339.6	12.36	36.78	59.49	63.43	-3.939	10.2	7.44	26.275	781.6	0	
"2014-02-20	14:00:00"	28.92	145.8	9.76	39.77	23.14	344.9	14.09	35.59	59.37	63.25	-3.882	8.05	5.475	26.267	788.4	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-02-20	15:00:00"	27.09	139.2	9.58	40.96	21.61	341	12.43	33.8	60.04	63.92	-3.888	7.442	4.916	26.255	712.76		0	
"2014-02-20	16:00:00"	25.87	138.7	9.46	38.57	20.46	341.8	12.47	30.22	61.54	65.32	-3.781	5.353	3.038	26.255	602.4		0	
"2014-02-20	17:00:00"	22.88	132	10.27	35.59	17.99	339	11.77	29.63	61.68	65.89	-4.209	3.919	1.687	26.267	420.47		0	
"2014-02-20	18:00:00"	18.64	123.5	7.452	28.43	14.77	338.2	10.58	24.26	60.76	63.56	-2.8	3.259	1.274	26.281	201.06		0	
"2014-02-20	19:00:00"	10.78	101.4	8.27	20.09	7.702	340.2	9.27	17.1	57.2	58.1	-0.899	3.876	2.2	26.297	27.038		0	
"2014-02-20	20:00:00"	8.06	93.9	0.357	11.74	4.525	355.5	11.39	9.35	53.72	52.51	1.216	4.794	3.801	26.313	0.0001		0	
"2014-02-20	21:00:00"	7.453	91.5	0.803	11.14	4.359	343.6	7.786	6.368	53.36	48.08	5.275	4.888	5.044	26.328	0		0	
"2014-02-20	22:00:00"	8.42	91.5	0.452	11.14	4.81	339	14.87	7.561	52.03	46.45	5.582	5.145	5.998	26.342	0		0	
"2014-02-20	23:00:00"	4.747	86.5	2.569	9.35	2.869	325	50.08	5.771	49.37	43.1	6.269	6.423	7.91	26.356	0		0	
"2014-02-21	00:00:00"	7.462	85.7	0.546	11.14	4.918	338.3	9.42	6.368	49.13	40.01	9.12	6.271	9.92	26.348	0		0	
"2014-02-21	01:00:00"	11.14	93.8	1.5	12.93	5.649	343.4	10.94	6.964	48.9	39.75	9.15	6.637	9.96	26.341	0		0	
"2014-02-21	02:00:00"	10.63	94.5	0.224	12.93	5.328	348.4	13.15	7.561	46.86	38.93	7.922	7.376	10.92	26.323	0.00019		0	
"2014-02-21	03:00:00"	8.84	94.2	0.189	11.74	4.742	350.8	9.63	6.964	46.74	36.5	10.24	7.098	12.27	26.314	0		0	
"2014-02-21	04:00:00"	4.174	87.8	2.769	6.964	2.566	256.2	85.9	5.771	42.11	36.06	6.048	10.33	12.99	26.306	0.00173		0	
"2014-02-21	05:00:00"	3.486	76.16	2.546	8.16	1.653	151.1	75.55	6.964	38.52	33.78	4.749	11.93	14.74	26.304	0.00979		0	
"2014-02-21	06:00:00"	4.078	75.61	0.106	6.368	2.33	253.9	57.09	3.982	38.79	35.5	3.288	11.52	12.96	26.308	0.05692		0	
"2014-02-21	07:00:00"	4.209	75.82	0.393	5.771	2.374	268.4	41.03	3.982	37.41	34.43	2.974	14.11	15.42	26.307	0.02198		0	
"2014-02-21	08:00:00"	4.286	75.97	0.339	5.771	2.186	291.2	21.78	3.386	37.79	33.68	4.107	12.66	15.78	26.304	14.617		0	
"2014-02-21	09:00:00"	5.096	74.47	1.841	9.35	3.509	196.2	29.35	7.561	39.61	38.18	1.428	17.57	18.09	26.314	148.27		0	
"2014-02-21	10:00:00"	6.552	70.05	4.83	14.72	5.449	187.9	16.38	12.33	44.47	46.1	-1.633	23.72	21.19	26.322	242.37		0	
"2014-02-21	11:00:00"	11.83	55.88	2.593	16.51	9.57	180.6	12.34	14.72	50.49	52.87	-2.378	21.44	18.52	26.313	324.93		0	
"2014-02-21	12:00:00"	13.44	51.04	7.885	21.87	10.91	184.3	13.42	19.49	55.77	55.53	0.238	20.6	19.03	26.303	395.87		0	
"2014-02-21	13:00:00"	13.99	47.82	7.531	21.87	11.38	178.5	12.11	17.7	58.63	61.29	-2.655	21.04	18	26.276	470.1		0	
"2014-02-21	14:00:00"	11.42	59.24	7.6	18.3	9.5	196	20.34	15.91	61.98	65.19	-3.206	17.17	14.21	26.244	759.73		0	
"2014-02-21	15:00:00"	9.07	69.08	4.794	17.7	7.678	222.4	27.76	14.72	63.75	66	-2.249	13.77	11.28	26.214	387.29		0	
"2014-02-21	16:00:00"	4.317	73.43	0.528	9.95	3.652	229.2	64.56	9.35	63.2	63.32	-0.119	13.19	11.49	26.196	327.47		0	
"2014-02-21	17:00:00"	2.532	73.98	0.385	5.175	2.255	206.3	91.6	5.771	65.07	65.29	-0.214	11.49	9.76	26.175	397.79		0	
"2014-02-21	18:00:00"	3.946	73.96	0.367	6.964	3.062	79.89	21.97	5.771	65.93	65.75	0.186	10.57	9.04	26.163	128.54		0	
"2014-02-21	19:00:00"	6.968	74.07	0.253	9.35	4.07	66.84	10.49	6.368	63.35	61.49	1.861	12.3	11.79	26.164	11.534		0	
"2014-02-21	20:00:00"	8.34	77.44	4.167	11.14	4.85	65.39	15.63	6.964	59.55	57.35	2.198	15.07	14.89	26.172	0		0	
"2014-02-21	21:00:00"	8.6	70.55	10.28	11.14	5.118	97	16.43	6.964	57.93	57.2	0.724	16.47	15.7	26.182	0		0	
"2014-02-21	22:00:00"	5.914	67.16	8.07	12.93	4.321	67.82	43.22	12.93	56.83	56.18	0.645	20.49	18.96	26.194	0		0	
"2014-02-21	23:00:00"	6.808	72.43	1.069	9.35	4.02	68.94	26.24	6.368	55.26	52.76	2.5	23.9	22.8	26.191	0		0	
"2014-02-22	00:00:00"	5.397	71.85	0.344	6.964	3.014	62.1	22.74	5.175	52.8	49.1	3.696	27.73	27.07	26.183	0		0	
"2014-02-22	01:00:00"	4.714	71.64	0.481	6.964	2.355	98.9	40.05	4.578	51.62	47.99	3.631	31.31	31.1	26.17	0		0	
"2014-02-22	02:00:00"	3.804	72.88	1.133	6.368	2.66	121.2	81.2	5.771	49.52	47.19	2.329	33.75	33.06	26.169	0		0	
"2014-02-22	03:00:00"	3.074	74.06	0.398	6.368	2.868	16.64	30.42	5.175	47.41	40.93	6.487	35.38	36.87	26.155	0		0	
"2014-02-22	04:00:00"	6.699	72.15	1.15	10.54	4.261	210.6	38.39	8.75	47.3	43.51	3.79	35.9	38.39	26.149	0		0	
"2014-02-22	05:00:00"	5.697	71.97	0.333	9.95	4.201	231.9	16.21	7.561	46.41	45.71	0.701	36.56	35.76	26.15	0		0	
"2014-02-22	06:00:00"	6.214	73.34	0.781	8.75	4.344	263.5	15.17	7.561	44.99	43.25	1.74	38.02	38.4	26.161	0		0	
"2014-02-22	07:00:00"	6.986	74.94	1.707	8.75	3.745	289.4	9.23	5.771	43.44	43.17	0.265	40.66	39.48	26.171	0		0	
"2014-02-22	08:00:00"	6.733	81.5	0.528	9.35	3.034	319.3	35.85	4.578	43.04	42.04	0.996	39.83	40.36	26.175	13.697		0	
"2014-02-22	09:00:00"	5.266	81.5	0.143	9.35	2.813	296.4	24.07	7.561	46.46	47.2	-0.744	34.52	35.93	26.192	190.66		0	
"2014-02-22	10:00:00"	7.78	83.4	2.084	12.93	5.523	293.2	15.08	9.95	55.22	61.27	-6.052	20.69	16.92	26.208	415.14		0	
"2014-02-22	11:00:00"	6.599	82.3	0.972	9.95	5.039	303.5	20.42	8.75	60.91	63.24	-2.327	17.31	14.71	26.212	580.14		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-22	12:00:00"	7.339	82.4	1.399	11.74	5.517	292.2	20.66	10.54	66.04	68.23	-2.192	12.19	9.97	26.203	700.45	0
"2014-02-22	13:00:00"	6.52	81.2	0.769	16.51	5.17	275.7	28.11	13.52	69.55	71.33	-1.774	9.83	7.771	26.18	765.02	0
"2014-02-22	14:00:00"	12.18	85.8	5.496	23.66	9	286.6	27.79	21.28	73.24	76.63	-3.388	6.785	4.601	26.143	779.07	0
"2014-02-22	15:00:00"	13.16	82.1	5.833	26.65	10.15	276.9	20.35	24.26	75.14	78.11	-2.965	6.197	4.053	26.108	701.52	0
"2014-02-22	16:00:00"	16.63	76.49	5.994	27.24	13.36	259.9	17.19	23.66	76.69	79.89	-3.204	5.237	3.05	26.09	526.07	0
"2014-02-22	17:00:00"	15.65	70.28	5.392	26.65	12.95	243.5	20.3	24.86	77.1	80.1	-2.98	3.908	1.765	26.078	351.27	0
"2014-02-22	18:00:00"	12.74	66.21	3.871	21.28	10.53	227.1	16.17	18.3	75.08	75.64	-0.566	5.382	3.456	26.074	171.47	0
"2014-02-22	19:00:00"	8.59	69.32	0.608	15.91	7.069	225.8	14.08	13.52	70.91	70.52	0.395	5.81	4.09	26.088	22.825	0
"2014-02-22	20:00:00"	9.01	68.79	0.617	13.52	6.955	220	13.81	11.14	66.62	66.26	0.354	7.715	6.096	26.107	0	0
"2014-02-22	21:00:00"	6.68	69.66	0.276	11.14	4.71	234.5	14.83	8.75	61.9	61.38	0.517	8.9	7.436	26.126	0	0
"2014-02-22	22:00:00"	10.06	76.49	4.521	15.91	7.479	265.6	11.34	15.31	61.13	60.44	0.683	9.4	8.14	26.143	0	0
"2014-02-22	23:00:00"	10.46	85.9	3.468	14.12	6.18	296.1	21.85	11.74	58.67	61.11	-2.436	10.45	8.12	26.155	0	0
"2014-02-23	00:00:00"	10.84	96.3	2.213	14.12	6.408	322.7	7.049	9.95	55.97	58.69	-2.722	12.12	9.67	26.159	0	0
"2014-02-23	01:00:00"	9.91	90.3	0.79	12.33	5.324	322.6	6.739	8.16	55.88	57.39	-1.511	12.36	10.58	26.153	0	0
"2014-02-23	02:00:00"	8.89	89.6	0.341	9.95	4.664	318.5	4.226	6.368	54.03	54.57	-0.544	13.72	12.34	26.155	0	0
"2014-02-23	03:00:00"	8.95	86.4	3.429	11.74	4.252	293	28.84	6.964	54.49	53.75	0.738	13.65	13.41	26.162	0	0
"2014-02-23	04:00:00"	10.88	92.3	4.199	14.12	6.154	329.9	11.55	11.14	54.23	52.93	1.309	14.03	13.94	26.168	0	0
"2014-02-23	05:00:00"	11.67	101.7	7.082	16.51	7.898	336	37.33	11.74	54.63	55.75	-1.12	14.3	12.92	26.182	0	0
"2014-02-23	06:00:00"	5.473	85.1	4.796	12.93	3.873	260.8	83.6	12.93	55.06	56.2	-1.146	13.64	12.13	26.206	0	0
"2014-02-23	07:00:00"	4.735	87.1	2.637	14.12	3.437	327.3	44.81	8.75	51.07	51.2	-0.129	17.27	16.06	26.224	0	0
"2014-02-23	08:00:00"	9.56	94.8	4.19	11.74	5.493	3.485	16.05	6.964	49.1	46.69	2.413	21.99	21.94	26.244	21.676	0
"2014-02-23	09:00:00"	9.04	98.3	1.19	12.33	6.754	3.62	11.81	11.14	56.66	55.59	1.07	20.31	19.9	26.271	197.74	0
"2014-02-23	10:00:00"	7.396	92.4	4.565	12.93	6.293	4.248	16.49	11.14	65.03	68.78	-3.758	15.39	12.87	26.292	419.35	0
"2014-02-23	11:00:00"	6.063	89.5	1.794	10.54	5.284	2.758	22.93	10.54	68.75	72.15	-3.4	13.11	10.39	26.3	589.21	0
"2014-02-23	12:00:00"	5.87	89.1	4.906	11.74	5.161	57.63	39.81	10.54	70.54	73.98	-3.438	12.5	9.81	26.304	713.36	0
"2014-02-23	13:00:00"	4.752	85.5	3.378	10.54	4.236	314	99.3	9.95	71.85	74.9	-3.057	11.94	9.35	26.295	764.38	0
"2014-02-23	14:00:00"	5.443	77.49	3.96	14.12	4.654	226.3	65.02	12.93	72.95	76.38	-3.428	11.07	8.45	26.278	643.17	0
"2014-02-23	15:00:00"	6.588	79.98	4.131	12.33	5.299	270.6	33.53	11.14	73.25	76.21	-2.957	10.83	8.39	26.257	491.11	0
"2014-02-23	16:00:00"	5.742	75.56	6.642	12.93	4.878	233	62.35	11.74	73.89	76.63	-2.739	10.58	8.17	26.245	455.8	0
"2014-02-23	17:00:00"	4.666	73.87	3.923	10.54	3.769	221.8	49.75	9.35	73.67	75.28	-1.615	10.62	8.55	26.238	318.28	0
"2014-02-23	18:00:00"	4.666	77.9	0.19	9.95	3.852	216.6	36.49	8.75	73.44	74.37	-0.928	10.73	8.84	26.241	128.59	0
"2014-02-23	19:00:00"	10.77	47.43	55.03	27.24	8.28	122.4	36.09	20.68	69.69	70.41	-0.725	14.88	12.93	26.262	19.009	0
"2014-02-23	20:00:00"	13.07	26.45	22.5	20.09	10.1	93.7	9.18	15.91	60.43	62.56	-2.136	24.52	21.53	26.29	0	0
"2014-02-23	21:00:00"	11.97	65.24	12.05	17.1	8.89	77.43	8.9	13.52	54.74	57.87	-3.127	30.71	26.6	26.305	0	0
"2014-02-23	22:00:00"	12.46	59.86	35.54	17.7	9.09	80.7	9.88	13.52	51.36	53.28	-1.915	35.6	32.1	26.314	0	0
"2014-02-23	23:00:00"	9.74	75.94	6.612	13.52	7.091	77.08	10.68	10.54	48.47	50.75	-2.282	40.7	36.54	26.325	0	0
"2014-02-24	00:00:00"	9.18	62.3	21.58	14.12	6.776	90.7	14.46	11.14	46.42	49.24	-2.825	44.48	38.93	26.326	0	0
"2014-02-24	01:00:00"	9.63	44.82	8.12	14.72	7.698	104.9	10.23	12.93	49.42	49.92	-0.497	41.24	38.96	26.317	0	0
"2014-02-24	02:00:00"	9.11	49.41	7.441	13.52	7.209	111.5	11.65	11.74	49.71	49.93	-0.223	40.91	39.04	26.309	0	0
"2014-02-24	03:00:00"	9.78	48.01	10.83	14.72	7.583	103.1	12.12	11.74	48.95	49.55	-0.595	42.33	40.15	26.295	0	0
"2014-02-24	04:00:00"	8.83	64.95	2.56	12.33	6.627	82.4	10.04	10.54	46.14	48.97	-2.836	47.56	42.29	26.28	0	0
"2014-02-24	05:00:00"	7.511	75.95	5.43	11.74	5.849	63.34	17.3	10.54	45.31	48.33	-3.027	50.12	44.19	26.285	0	0
"2014-02-24	06:00:00"	7.576	92.5	5.476	11.74	6.127	53.54	11.62	9.95	44.64	47.8	-3.164	52.18	45.48	26.301	0	0
"2014-02-24	07:00:00"	7.683	84.1	2.428	10.54	5.831	78.65	12.02	8.75	43.3	46.08	-2.788	53.99	47.92	26.305	0	0
"2014-02-24	08:00:00"	8.11	82.9	0.197	11.14	6.456	74.1	9.65	9.35	42.9	46.08	-3.18	54.95	48.62	26.315	6.263	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-02-24	09:00:00"	8.89	79.79	6.493	12.93	7.165	77.88	12.02	11.14	43.68	47.08	-3.399	54.04	47.47	26.331	143.99		0	
"2014-02-24	10:00:00"	6.51	73.04	4.914	9.95	5.566	86.9	22.13	9.95	48.58	52.01	-3.433	48.1	41.76	26.359	340.83		0	
"2014-02-24	11:00:00"	4.383	66.56	0.401	9.95	3.788	134.3	39.06	8.16	51.15	56.49	-5.346	45.08	36.81	26.365	476.28		0	
"2014-02-24	12:00:00"	5.365	66.15	0.586	11.74	4.708	193.5	43.91	11.74	55.87	61.37	-5.5	39.68	32.72	26.349	708.18		0	
"2014-02-24	13:00:00"	6.579	67.89	3.186	12.33	5.694	234.4	33.24	10.54	61.5	66.94	-5.443	33.24	27.53	26.321	791.28		0	
"2014-02-24	14:00:00"	6.288	73.43	2.962	11.74	5.528	230.4	32.75	10.54	65.97	70.86	-4.89	27.65	22.78	26.287	768.36		0	
"2014-02-24	15:00:00"	5.305	77.75	1.093	9.95	4.546	241.3	37.23	9.35	70.06	73.55	-3.491	21.22	17.76	26.248	638.79		0	
"2014-02-24	16:00:00"	6.805	83.3	3.553	12.93	5.249	284.7	28.12	12.33	72.43	75.74	-3.316	15.35	12.45	26.234	430.84		0	
"2014-02-24	17:00:00"	4.889	78.32	0.264	12.33	4.005	242.6	32.32	10.54	72.43	73.91	-1.475	15.61	13.35	26.223	197.22		0	
"2014-02-24	18:00:00"	4.005	78.35	0.348	11.14	3.141	240.5	56.28	9.35	73.07	74.03	-0.965	14.62	12.59	26.211	165.29		0	
"2014-02-24	19:00:00"	5.975	73.91	5.752	12.33	4.375	184.5	14.71	9.95	71.19	71.29	-0.103	18.29	16.65	26.215	22.167		0	
"2014-02-24	20:00:00"	6.903	65.9	0.307	8.75	4.852	151.4	7.273	6.368	67.54	66.73	0.804	21.82	20.77	26.226	0		0	
"2014-02-24	21:00:00"	7.892	63.85	2.939	12.33	5.793	155.5	10.7	9.95	65.44	65.04	0.396	23.33	22.14	26.239	0		0	
"2014-02-24	22:00:00"	9.28	58.67	2.445	13.52	7.117	165.9	9.5	11.74	63.11	64.11	-0.999	26.43	24.4	26.251	0		0	
"2014-02-24	23:00:00"	6.567	61.66	0.188	10.54	4.521	177.3	7.974	8.16	60.77	61.35	-0.58	28.59	26.72	26.259	0		0	
"2014-02-25	00:00:00"	5.43	62.59	1.549	6.964	3.26	195.2	16.09	5.771	60.49	59.44	1.049	29.02	28.7	26.259	0		0	
"2014-02-25	01:00:00"	3.801	65.98	0.363	5.771	1.801	225.7	32.37	3.982	58.43	57.59	0.841	30.46	29.79	26.253	0		0	
"2014-02-25	02:00:00"	5.117	65.98	0.071	7.561	2.989	207.6	15.93	5.771	58.06	56.93	1.135	31.92	31.55	26.249	0		0	
"2014-02-25	03:00:00"	5.797	65.94	0.404	9.35	3.422	192.6	19.76	5.771	56.84	56.7	0.148	37.52	35.41	26.246	0		0	
"2014-02-25	04:00:00"	4.843	66.05	0.33	7.561	2.932	202.2	22.16	5.771	55.01	55.66	-0.649	51.18	46.12	26.235	0		0	
"2014-02-25	05:00:00"	4.219	66.12	0.245	6.964	2.802	248.4	23.3	5.771	55.17	55.53	-0.361	65.22	60.32	26.23	0		0	
"2014-02-25	06:00:00"	5.442	66.87	0.093	6.964	3.655	265.5	14.53	5.175	55.11	53.96	1.148	62.2	59.22	26.229	0		0	
"2014-02-25	07:00:00"	12.4	108.8	50.71	33.8	9.62	326.9	61.82	27.24	52.8	52.7	0.102	56.45	51.93	26.254	0		0	
"2014-02-25	08:00:00"	18.67	155.6	13.92	27.24	15.35	33.23	9.37	23.07	44.36	46.77	-2.414	41.84	36.69	26.292	8.2344		0	
"2014-02-25	09:00:00"	20.7	183.3	22.77	29.03	17.04	47.41	9.1	26.65	41.7	43.49	-1.788	61.58	56.91	26.32	66.558		0	
"2014-02-25	10:00:00"	17.47	163	21.01	24.26	14.48	47.65	10.17	21.87	40.86	42.73	-1.863	77.45	72.87	26.346	96.757		0	
"2014-02-25	11:00:00"	16.53	156.2	25.11	23.66	13.47	48.41	13.23	20.68	42.22	44.77	-2.558	79.51	72.78	26.357	117.64		0	
"2014-02-25	12:00:00"	14.33	130.9	13.01	21.28	12.03	40.25	12.39	19.49	43.29	46.56	-3.268	77.46	68.33	26.368	190.76		0	
"2014-02-25	13:00:00"	12.18	122.5	12.86	18.3	10.13	49.06	12.98	15.91	44.16	47.53	-3.377	76.07	67.19	26.358	172.21		0	
"2014-02-25	14:00:00"	10.91	115.6	9.77	14.72	9.14	51.04	13.72	14.12	45.05	48.56	-3.515	74.67	65.47	26.322	194.64		0	
"2014-02-25	15:00:00"	8.44	102.1	6.27	13.52	7.309	42.78	17.26	12.33	45.56	49.11	-3.546	73.8	64.73	26.29	216.16		0	
"2014-02-25	16:00:00"	7.21	88.7	5.57	11.14	6.194	60.32	21.07	9.95	45.91	51.1	-5.189	71.81	61.14	26.265	225.4		0	
"2014-02-25	17:00:00"	7.725	78.75	0.898	11.74	6.543	83.7	16.4	10.54	46.71	51.85	-5.134	70.89	59.8	26.244	203.29		0	
"2014-02-25	18:00:00"	7.095	67.25	4.75	10.54	6.101	111.9	13.52	8.75	47.44	50.23	-2.79	69.4	61.95	26.239	90.693		0	
"2014-02-25	19:00:00"	7.227	69.91	1.996	9.95	6.018	93.7	12.58	8.75	46.13	47.13	-1	71.97	68.77	26.242	10.072		0	
"2014-02-25	20:00:00"	8.06	61.65	2.328	10.54	6.589	121.4	13.07	9.35	45.74	47.77	-2.03	72.99	67.51	26.253	0.00393		0	
"2014-02-25	21:00:00"	8.31	57.26	1.363	11.14	6.908	136.2	12.94	9.95	45.34	47.07	-1.731	75.95	70.51	26.271	0		0	
"2014-02-25	22:00:00"	8.97	52	5.656	12.93	7.335	119.2	13.73	11.14	45.16	46.13	-0.969	77.31	73.19	26.282	0		0	
"2014-02-25	23:00:00"	9.84	44.75	6.093	13.52	8.08	107.6	10.02	11.74	44.36	45.46	-1.099	77.97	74.97	26.291	0.30258		0	
"2014-02-26	00:00:00"	13.52	10.22	70.71	23.07	10.48	85.5	11.39	18.89	42.47	44.68	-2.211	80	77.06	26.308	1.4206		0	
"2014-02-26	01:00:00"	20.86	240.9	21.16	30.22	16.12	73.43	9.68	25.45	39.11	41.58	-2.469	81.8	77.5	26.329	1.0361		0	
"2014-02-26	02:00:00"	22.49	215.1	24.04	32.61	17.4	62.06	11.35	27.24	35.29	37.78	-2.493	81.3	74.12	26.364	0.20004		0	
"2014-02-26	03:00:00"	21.94	214.3	24.08	33.8	16.65	62.16	10.68	29.63	33.11	35.48	-2.374	79.44	73.37	26.388	0.28547		0	
"2014-02-26	04:00:00"	21.18	220.6	18.05	31.42	16.83	61.46	10.86	26.05	32.38	34.4	-2.022	76.68	71.08	26.39	0.34509	0.01		
"2014-02-26	05:00:00"	19.38	207.5	23.43	29.03	16.33	55.58	11.03	25.45	31.94	33.27	-1.33	71.8	67.75	26.39	0.33255		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-02-26	06:00:00"	17.74	179.9	28.83	27.24	15.49	46.62	9.59	24.26	30.48	31.21	-0.731	64.73	62.17	26.431	0.30577	0	
"2014-02-26	07:00:00"	15.88	157.1	26.03	23.66	13.63	43.7	10.32	21.28	29.27	29.88	-0.613	62.72	61.46	26.461	0.27443	0	
"2014-02-26	08:00:00"	14.21	135.9	15.61	20.09	12.12	36.02	10.68	18.3	27.11	28.19	-1.086	63.15	61.23	26.476	2.8462	0	
"2014-02-26	09:00:00"	9.42	107.6	7.968	15.31	8.13	27.3	14.93	14.72	26.76	28.38	-1.617	63.98	61.57	26.487	40.225	0	
"2014-02-26	10:00:00"	5.475	93.8	2.089	9.35	4.761	3.61	19.8	9.35	26.49	29.2	-2.714	64.77	61.8	26.493	98.474	0	
"2014-02-26	11:00:00"	3.639	90.7	0.359	7.561	3.259	38.25	49.36	6.964	28.44	30.96	-2.522	64.93	61.96	26.479	207.11	0	
"2014-02-26	12:00:00"	3.207	88.3	1.78	6.964	2.816	24.93	78.89	5.771	30.39	34.02	-3.633	64.26	59.53	26.458	318.23	0	
"2014-02-26	13:00:00"	4.415	78.76	4.828	11.74	3.884	225.8	46.36	10.54	32.12	38.51	-6.385	63.82	53.86	26.426	479.34	0	
"2014-02-26	14:00:00"	7.524	70.64	1.162	14.12	6.498	217.3	24.47	11.14	37.57	42.24	-4.671	57.87	47.4	26.38	491.56	0	
"2014-02-26	15:00:00"	8.54	70.39	1.236	13.52	7.457	220.2	21.37	14.12	40.23	43.95	-3.721	55.02	47.13	26.334	553.88	0	
"2014-02-26	16:00:00"	8.53	69.88	1.604	15.31	7.324	215.9	27.19	14.72	42.24	45.92	-3.677	51.37	44.06	26.301	487.48	0	
"2014-02-26	17:00:00"	9.26	69.08	2.24	17.1	7.899	215.2	21.28	15.31	44.36	48.3	-3.934	48.02	40.05	26.277	409.79	0	
"2014-02-26	18:00:00"	10.31	61.79	5.079	15.91	8.53	190.8	16.21	14.12	45.73	48.68	-2.951	44.37	38.26	26.265	224.45	0	
"2014-02-26	19:00:00"	10.19	59.39	2.311	15.31	8.28	182.2	13.3	12.93	44.9	46.53	-1.626	44.39	39.96	26.262	41.117	0	
"2014-02-26	20:00:00"	7.445	61.3	0.323	12.33	6.003	158.4	10.09	9.35	42.04	42.51	-0.465	48.95	46.19	26.271	0.05515	0	
"2014-02-26	21:00:00"	7.655	60.74	1.46	12.93	6.056	153.8	9.85	10.54	39.67	40.17	-0.497	54.56	51.91	26.281	0	0	
"2014-02-26	22:00:00"	8.54	59.03	2.127	14.12	6.849	160.9	11.97	11.14	38.68	39.38	-0.7	56.69	53.78	26.287	0	0	
"2014-02-26	23:00:00"	7.474	60.61	1.409	11.74	5.681	145.3	13.23	10.54	36.89	36.84	0.056	59.43	57.82	26.295	0.00019	0	
"2014-02-27	00:00:00"	6.482	61.27	0.554	9.95	4.744	142.5	12.21	9.35	35.73	35.68	0.054	62.37	60.82	26.293	0.00182	0	
"2014-02-27	01:00:00"	5.473	61.44	0.059	8.75	3.09	113.7	19.16	6.368	33.94	33.24	0.698	64.92	64.23	26.282	0.01996	0	
"2014-02-27	02:00:00"	6.227	61.28	0.262	8.75	3.511	123.4	12.46	5.771	32.27	31.74	0.525	71.6	68.56	26.271	0.06555	0	
"2014-02-27	03:00:00"	5.301	61.43	0.175	8.16	2.743	94.2	25.16	4.578	33.58	31.33	2.248	71.49	70.15	26.261	0.03465	0	
"2014-02-27	04:00:00"	6.801	61.19	0.975	12.93	4.732	161.5	19.65	11.74	34.02	33.77	0.253	71.49	71.54	26.25	0.06374	0	
"2014-02-27	05:00:00"	3.391	61.77	0.461	7.561	2.361	239.4	66.36	6.368	32.24	33.76	-1.516	70.04	66.95	26.249	0.08043	0	
"2014-02-27	06:00:00"	1.729	61.9	0.321	3.386	1.742	354.9	47.66	3.982	32.43	32.33	0.104	69.23	68.52	26.251	0.04376	0	
"2014-02-27	07:00:00"	2.334	61.95	0.247	4.578	2.207	14.79	31.39	3.982	33.09	33.92	-0.832	67.6	67.91	26.25	0.02294	0	
"2014-02-27	08:00:00"	3.431	62.03	0.277	5.771	2.837	40.77	29.55	4.578	32.89	33.57	-0.676	67.38	68.43	26.245	22.566	0	
"2014-02-27	09:00:00"	3.091	62.13	0.305	5.771	2.59	80.6	25.52	5.175	33.79	36.46	-2.674	68.21	64.43	26.254	135.57	0	
"2014-02-27	10:00:00"	4.862	61.96	0.328	9.35	4.175	178.1	29.78	8.16	38.13	43.65	-5.52	62.24	52.82	26.259	398.21	0	
"2014-02-27	11:00:00"	6.69	62.89	2.258	11.74	5.759	204.4	27.53	11.14	42.66	49.31	-6.649	57.1	45.21	26.248	573.37	0	
"2014-02-27	12:00:00"	8.05	63.75	5.593	15.91	6.866	189.9	21.06	12.93	48.03	55.02	-6.983	50.34	39.07	26.217	713.58	0	
"2014-02-27	13:00:00"	10.21	61.17	3.406	15.31	8.68	202.1	19.38	14.12	53.58	59.92	-6.343	43.11	34.4	26.182	793.86	0	
"2014-02-27	14:00:00"	10.86	64	5.013	17.7	9.02	210.9	20.41	16.51	57.43	63.52	-6.092	38.4	31.12	26.148	803.01	0	
"2014-02-27	15:00:00"	11.22	65.28	5.763	21.28	9.55	215	21.86	18.89	61.72	67.18	-5.462	33.42	27.33	26.107	724.75	0	
"2014-02-27	16:00:00"	10.98	64.68	5.401	19.49	9.2	210.1	20.45	15.91	65.1	70.91	-5.811	29.82	24.07	26.073	614.48	0	
"2014-02-27	17:00:00"	11.91	58.55	6.758	19.49	9.79	197.1	16.15	17.1	67.04	72.66	-5.613	28.48	22.92	26.041	437.51	0	
"2014-02-27	18:00:00"	13.15	55.75	4.903	19.49	10.54	198.1	11.92	15.91	69.07	73.12	-4.044	26.63	22.27	26.018	231.74	0	
"2014-02-27	19:00:00"	12.19	55.33	5.354	19.49	9.66	187.2	11.94	17.1	67.37	70.89	-3.523	28.26	23.97	26.014	42.157	0	
"2014-02-27	20:00:00"	13.32	48.79	3.688	18.3	10.47	176.4	9.2	15.91	62.15	64.75	-2.599	35.11	31.09	26.014	0.05308	0	
"2014-02-27	21:00:00"	17.81	33.82	6.933	24.26	14.08	178	8.78	21.28	59.68	61.31	-1.629	40.53	37.37	26.002	0	0	
"2014-02-27	22:00:00"	12.86	46.51	6.135	21.28	10.06	174	9.68	16.51	57.12	59.04	-1.924	45.62	41.37	26	0	0	
"2014-02-27	23:00:00"	8.18	59.69	1.913	15.91	5.988	195.2	12.87	11.74	53.07	55.53	-2.464	52.56	46.72	26.005	0	0	
"2014-02-28	00:00:00"	6.202	66.21	3.527	11.74	4.742	226.4	19.06	9.35	50	52.34	-2.345	57.95	52.44	26.008	0	0	
"2014-02-28	01:00:00"	8.11	69.33	0.302	12.93	6.435	215	15.02	11.14	48.81	48.62	0.191	60.51	59.41	26.011	0	0	
"2014-02-28	02:00:00"	8.63	65.71	4.28	17.7	6.987	211.7	17.96	14.72	47.29	46.64	0.652	62.49	62.22	26.008	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-02-28	03:00:00"	7.673	69.77	0.263	11.14	6.099	225.9	15.04	9.95	46.22	45.37	0.853	63.16	63.09	26.014	0	0
"2014-02-28	04:00:00"	10.3	77.08	7.239	21.87	6.61	262.1	26.12	17.1	50.52	49.02	1.507	48.11	49.77	26.016	0	0
"2014-02-28	05:00:00"	15.17	91.2	3.194	22.47	9.04	294.6	10.35	19.49	56.99	58.93	-1.932	29.52	27.82	26.026	0	0
"2014-02-28	06:00:00"	13.82	90.5	3.915	23.07	8.3	292.8	12.05	16.51	56.3	59.8	-3.5	27.33	23.41	26.046	0	0
"2014-02-28	07:00:00"	10.24	84.8	0.114	14.12	5.188	297.2	12.63	11.14	53	55.77	-2.767	29.92	26.31	26.071	0	0
"2014-02-28	08:00:00"	9.83	89.2	3.598	13.52	5.237	319.9	11.48	8.16	49.78	52.55	-2.778	32.92	29.93	26.095	29.796	0
"2014-02-28	09:00:00"	6.608	85.8	2.45	10.54	4.298	291.6	15.3	7.561	51.62	56.96	-5.337	32.39	27.71	26.124	212.53	0
"2014-02-28	10:00:00"	12.38	94.8	7.549	22.47	8.08	307.5	14.52	18.3	59.15	65.44	-6.289	26.38	21.24	26.143	420.54	0
"2014-02-28	11:00:00"	17.46	103.7	7.848	24.86	11.61	312.3	13.97	21.28	65.6	70.16	-4.558	18.79	15.29	26.151	610.04	0
"2014-02-28	12:00:00"	14.05	90.5	6.304	23.07	9.7	296.3	16.95	18.89	68.86	74.68	-5.822	15.12	11.43	26.152	751.64	0
"2014-02-28	13:00:00"	12.75	86.6	5.864	21.87	9.21	289.5	17.69	18.89	71.17	77.43	-6.262	12.59	9.1	26.14	830.34	0
"2014-02-28	14:00:00"	12.83	84.1	6.671	21.87	9.58	281	21.9	18.89	73.13	78.56	-5.438	11.93	8.74	26.117	827.21	0
"2014-02-28	15:00:00"	10.97	80.5	8.22	22.47	8.56	273.3	31.21	17.7	75.02	79.94	-4.918	11.84	8.79	26.085	743.4	0
"2014-02-28	16:00:00"	9.99	72.81	4.855	19.49	8.3	238.3	29.03	17.7	76.25	80.2	-3.979	11.62	8.79	26.078	632.68	0
"2014-02-28	17:00:00"	12.32	75.49	2.976	20.68	10.1	256.9	18.26	18.3	77.39	80.4	-2.975	9.72	7.257	26.075	458.4	0
"2014-02-28	18:00:00"	9.77	76.82	0.673	17.1	7.97	265.7	15.97	14.72	77.09	78.81	-1.723	9.81	7.653	26.074	249.53	0
"2014-02-28	19:00:00"	6.668	76.43	0.24	11.74	5.271	237.2	21.82	9.95	75.06	75.59	-0.523	12.36	10.52	26.081	49.678	0
"2014-02-28	20:00:00"	8.5	76.7	0.194	13.52	6.055	262.8	10.47	10.54	70.27	69.51	0.767	14.3	12.98	26.099	0.06102	0
"2014-02-28	21:00:00"	9.47	76.53	0.145	13.52	6.523	262.3	10.21	9.95	67.2	66.23	0.97	17.76	16.64	26.121	0	0
"2014-02-28	22:00:00"	8.66	76.2	0.236	12.93	6.445	248	12.85	10.54	65.63	64.87	0.759	20.63	19.54	26.137	0	0
"2014-02-28	23:00:00"	7.569	76.4	0.236	13.52	5.182	265.5	13.13	11.14	62.76	61.09	1.671	23.42	22.83	26.155	0	0
"2014-03-01	00:00:00"	8.02	77.18	0.839	12.33	4.625	300.1	33.32	9.95	63.31	59.37	3.945	23.84	24.51	26.159	0	0
"2014-03-01	01:00:00"	7.976	80.7	0.384	11.74	4.374	294.5	35.84	8.16	61.16	56.59	4.576	25.5	27.7	26.154	0	0
"2014-03-01	02:00:00"	5.791	68.4	6.768	14.12	3.755	189.1	21.78	11.14	55.96	55.19	0.778	29.76	29.05	26.171	0	0
"2014-03-01	03:00:00"	4.375	66.31	0.226	5.771	2.247	190.1	11.52	3.386	55.23	53.17	2.056	30.79	31.2	26.167	0	0
"2014-03-01	04:00:00"	5.72	66.53	0.357	8.16	3.247	196.4	10.07	5.771	56.44	54.05	2.393	30.35	31.02	26.157	0	0
"2014-03-01	05:00:00"	6.849	66.47	0.203	9.95	4.532	197.1	16.22	7.561	55.35	53.66	1.684	31.7	32.01	26.167	0	0
"2014-03-01	06:00:00"	6.631	66.5	0.096	11.14	4.133	189.6	11.43	7.561	54.12	52.8	1.327	32.47	32.74	26.179	0	0
"2014-03-01	07:00:00"	6.308	66.54	0.357	8.75	4.562	202.1	14.64	6.964	52.13	52.43	-0.296	34.44	33.15	26.189	0.00086	0
"2014-03-01	08:00:00"	5.081	66.69	0.048	7.561	3.353	201.7	16.13	5.771	51.38	51.46	-0.072	35.04	33.94	26.191	29.553	0
"2014-03-01	09:00:00"	5.812	66.63	0.134	9.35	4.414	196.9	12.07	8.16	53.52	54.18	-0.665	34.25	32.72	26.21	183.17	0
"2014-03-01	10:00:00"	7.65	66.38	0.336	11.74	6.486	203.6	15.43	9.95	61.71	63.89	-2.183	27.39	24.85	26.224	352.02	0
"2014-03-01	11:00:00"	10.12	64.5	3.24	18.3	8.39	211	16.17	15.91	69.6	72.84	-3.244	22.01	18.97	26.219	578.99	0
"2014-03-01	12:00:00"	15.65	66.44	5.729	25.45	12.97	236.5	17.87	22.47	75.31	77.6	-2.289	16.59	14.02	26.205	608.46	0
"2014-03-01	13:00:00"	16.2	68.77	6.962	30.22	13.54	242.3	21.51	26.05	77.07	79.78	-2.711	14.82	12.16	26.177	779.12	0
"2014-03-01	14:00:00"	16.21	66.34	6.537	28.43	13.52	235.4	20.18	26.05	79.28	81.3	-2.013	12.89	10.51	26.134	682.93	0
"2014-03-01	15:00:00"	17.58	63.66	7.762	30.22	14.77	233.1	20.05	23.66	80.5	83.3	-2.861	11.76	9.19	26.102	742.17	0
"2014-03-01	16:00:00"	18.57	61.1	9.16	33.21	15.38	228	21.59	28.43	81.5	83.7	-2.226	11.01	8.63	26.09	628.27	0
"2014-03-01	17:00:00"	18.38	61.45	8.42	30.22	15.14	227	20.76	24.86	81.4	84	-2.565	11.15	8.69	26.087	417.85	0
"2014-03-01	18:00:00"	16.16	72.13	3.949	25.45	12.99	252	14.27	23.07	80.3	81	-0.67	12.36	10.42	26.093	167.13	0
"2014-03-01	19:00:00"	8.21	74.15	0.635	19.49	6.168	242.8	23.9	14.72	76.25	76.67	-0.421	14.11	12.29	26.109	17.791	0
"2014-03-01	20:00:00"	5.385	73.53	0.559	8.75	3.856	204.8	15.41	6.368	71.59	71.1	0.484	15.57	14.19	26.124	0.01217	0
"2014-03-01	21:00:00"	6.242	73.54	0.62	9.95	4.049	230.3	35.56	8.16	70.5	69.48	1.019	15.73	14.64	26.138	0	0
"2014-03-01	22:00:00"	7.752	76.88	1.123	10.54	3.166	312.5	12.69	5.771	68.94	64.4	4.541	17.18	18.06	26.147	0	0
"2014-03-01	23:00:00"	8.43	79.98	1.933	10.54	4.838	341.6	10.16	7.561	67.47	62.15	5.318	18.58	20.33	26.156	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-03-02	00:00:00"	9.07	98.9	15.58	23.66	6.16	45.65	51.09	19.49	62.28	60.52	1.758	24.89	24.79	26.193	0	0
"2014-03-02	01:00:00"	7.573	99.2	13.01	23.07	5.23	29.05	24.91	19.49	59.21	58.46	0.744	33.26	31.85	26.202	0	0
"2014-03-02	02:00:00"	19.24	175.6	27.55	27.24	15.53	48.73	13.71	23.66	51.46	53.65	-2.188	57.08	51.36	26.199	0	0
"2014-03-02	03:00:00"	20.13	205.4	25.41	27.84	15.72	61.34	10.68	24.26	44.68	46.82	-2.14	69.37	63.56	26.191	0	0
"2014-03-02	04:00:00"	19.09	201.9	29.64	26.05	15.12	62.92	11.78	22.47	40.09	42.25	-2.151	68.87	62.38	26.192	0	0
"2014-03-02	05:00:00"	16.52	159.1	35.41	25.45	13.46	50.13	12.76	21.87	38.05	39.75	-1.7	68.61	63.25	26.22	0	0
"2014-03-02	06:00:00"	18.1	185.6	31.43	27.84	14.23	59.6	11.22	23.66	36.88	38.71	-1.824	68.96	63.29	26.218	0	0
"2014-03-02	07:00:00"	17.38	166.6	26.04	25.45	13.99	51.29	10.68	22.47	34.96	36.59	-1.627	67.4	61.89	26.242	0	0
"2014-03-02	08:00:00"	17.5	189.8	35.14	26.65	13.64	64.37	10.63	22.47	33.25	35.39	-2.142	66.93	61.06	26.251	7.3894	0
"2014-03-02	09:00:00"	17.46	199.6	29.32	24.26	13.71	65.31	10.4	20.09	31.39	33.78	-2.386	67.33	60.96	26.291	38.962	0
"2014-03-02	10:00:00"	16.83	144.9	19.84	25.45	13.7	22.17	23.73	21.87	29.61	32.83	-3.222	67.52	59.93	26.353	65.558	0
"2014-03-02	11:00:00"	15.22	135.9	14.68	24.86	12.55	32.76	19.52	20.68	28.99	32.4	-3.41	68.1	59.37	26.367	246.92	0
"2014-03-02	12:00:00"	12.72	114.7	40.81	17.7	10.42	69.81	15.37	15.91	32.07	36.38	-4.314	59.61	50.57	26.354	195.8	0
"2014-03-02	13:00:00"	16.64	348.6	31.61	25.45	13.6	103.7	10.94	23.07	31.99	34.36	-2.379	61.71	57.59	26.301	173.26	0
"2014-03-02	14:00:00"	11.34	42.57	17.16	18.3	9.49	136.6	27.99	17.1	36.48	39.08	-2.6	63.17	57.5	26.281	592.45	0
"2014-03-02	15:00:00"	10.89	58.52	4.547	18.3	9.21	205.2	19.85	16.51	46.96	50.37	-3.405	51.78	44.18	26.274	732.76	0
"2014-03-02	16:00:00"	8.27	58.69	2.014	17.7	6.942	178	34.03	15.31	52.87	56.42	-3.546	45	38.38	26.271	621.21	0
"2014-03-02	17:00:00"	12.96	109.6	62.82	28.43	10.88	77.93	32.83	25.45	53.04	58.03	-4.987	41.67	34.3	26.273	442.39	0
"2014-03-02	18:00:00"	21	179.4	17.47	28.43	17.72	42.57	9.64	25.45	39.81	43.78	-3.97	53.4	44.53	26.307	235.74	0
"2014-03-02	19:00:00"	17.71	163.7	20.08	24.26	14.7	46.84	9.27	21.87	32.87	35.99	-3.116	60.46	52.8	26.328	46.095	0
"2014-03-02	20:00:00"	19.18	173.5	20.09	26.05	15.88	44.26	9.02	23.07	28.87	31.24	-2.368	66.34	60.03	26.357	0.07628	0
"2014-03-02	21:00:00"	19.59	173.8	19.19	25.45	16.25	41.74	9.78	23.66	25.42	27.83	-2.409	67.89	61.28	26.393	0.06029	0
"2014-03-02	22:00:00"	19.82	165.6	16.09	30.22	16.38	33.2	10.43	25.45	21.91	24.87	-2.961	66.69	58.59	26.427	0.06845	0
"2014-03-02	23:00:00"	19.05	159.6	16.93	27.84	15.83	30.6	11.44	23.66	19.58	22.82	-3.236	67.14	58.5	26.466	0.00711	0
"2014-03-03	00:00:00"	14.94	133.5	17.5	23.66	12.25	25.4	12.53	20.68	18.85	22.46	-3.605	68.28	58.88	26.485	0.01911	0
"2014-03-03	01:00:00"	16.46	145.9	17.27	24.26	13.55	32.05	11.43	21.87	18.78	22.16	-3.38	67.11	57.37	26.492	0.02295	0
"2014-03-03	02:00:00"	15.2	135.5	15.02	22.47	12.45	25.4	13.11	19.49	17.93	21.42	-3.486	66.74	58.09	26.498	0.00269	0
"2014-03-03	03:00:00"	12.19	120.7	14.83	18.89	10.17	25.97	11.72	16.51	17.97	21.62	-3.642	68.33	59.11	26.492	0.00211	0
"2014-03-03	04:00:00"	4.495	89.5	3.453	7.561	3.607	355.6	25.52	7.561	17.26	20.45	-3.191	68.47	60	26.504	0.00048	0
"2014-03-03	05:00:00"	6.437	88.8	0.384	9.95	5.484	8.72	13.91	8.75	17.78	21.54	-3.766	66.51	58.95	26.504	0	0
"2014-03-03	06:00:00"	9.96	103.4	14.01	17.7	8.05	12.42	13.63	15.31	17.93	21.84	-3.914	63.63	54.58	26.5	0.0001	0
"2014-03-03	07:00:00"	15.33	137.2	18.75	23.07	12.79	32.25	10.17	21.28	18.39	21.77	-3.379	62.05	53.22	26.464	0.02631	0
"2014-03-03	08:00:00"	4.647	74.81	15.9	20.09	3.911	255.8	67.45	16.51	18.8	19.94	-1.136	59.99	54.95	26.502	17.147	0
"2014-03-03	09:00:00"	2.958	72.69	1.662	6.368	2.569	356.8	89.1	6.368	19.91	20.86	-0.956	57.97	54.54	26.503	105.74	0
"2014-03-03	10:00:00"	3.609	75.8	3.171	7.561	3.177	317.9	92.3	7.561	22.99	25.27	-2.283	52.27	46.95	26.518	321.97	0
"2014-03-03	11:00:00"	3.418	88.1	4.288	9.95	3.085	41.57	72.3	8.75	26.9	30.57	-3.667	43.61	37.42	26.516	401.36	0
"2014-03-03	12:00:00"	2.998	78.67	0.394	5.771	2.797	171.3	50.58	6.368	29.88	34.85	-4.968	39.54	32.91	26.498	407.43	0
"2014-03-03	13:00:00"	3.924	78.67	0.401	8.16	3.612	219.9	53.95	7.561	35.56	39.69	-4.129	34.77	28.91	26.471	476.94	0
"2014-03-03	14:00:00"	3.614	78.67	0.149	8.16	3.298	191	75.66	7.561	36.91	42.76	-5.85	33.73	26.74	26.442	509.06	0
"2014-03-03	15:00:00"	3.619	80	1.863	9.95	3.038	49.14	80.2	9.95	38.83	45.4	-6.57	32.3	25.14	26.403	391.96	0
"2014-03-03	16:00:00"	4.174	78.45	5.916	9.95	3.607	88.7	79.82	8.75	40.56	46.81	-6.252	31.03	24.3	26.387	337.65	0
"2014-03-03	17:00:00"	5.088	67.31	2.297	9.35	4.365	126.1	43	8.75	42.08	47.37	-5.292	29.96	23.88	26.371	228.05	0
"2014-03-03	18:00:00"	6.843	61.61	4.313	11.14	5.817	133.7	16.9	10.54	42.56	45.38	-2.821	29.62	25.16	26.364	67.296	0
"2014-03-03	19:00:00"	5.276	64.17	0.405	7.561	4.491	125.9	13.06	6.368	40.95	43.61	-2.654	30.05	26	26.371	17.834	0
"2014-03-03	20:00:00"	7.036	63.11	2.004	11.74	5.904	143.1	8.71	9.95	40.41	42.54	-2.129	30.99	27.23	26.373	0.05189	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-03	21:00:00"	8.86	58.77	1.862	13.52	7.3	150.3	13.14	11.74	40.07	41.27	-1.194	30.57	27.58	26.364	0
"2014-03-03	22:00:00"	5.81	61.78	0.318	9.95	4.739	151.7	15.63	9.35	38.03	38.97	-0.941	32.12	29.39	26.373	0
"2014-03-03	23:00:00"	6.495	61.85	0.32	10.54	5.339	148.3	15.19	9.95	36.33	37.63	-1.303	34.37	31.3	26.358	0
"2014-03-04	00:00:00"	6.743	61.74	0.443	11.74	5.561	164.3	12.85	9.35	36.57	37.27	-0.698	34.45	31.96	26.337	0.00038
"2014-03-04	01:00:00"	5.723	62.11	0.299	8.75	4.675	169.2	10.61	8.16	35.65	35.89	-0.245	35.99	34.05	26.327	0.00115
"2014-03-04	02:00:00"	3.722	62.41	0.209	8.16	2.8	252.2	32.72	6.964	34.3	34.61	-0.308	37.15	35.37	26.317	0.00067
"2014-03-04	03:00:00"	2.91	62.56	0.308	5.175	2.299	262.2	72.26	5.175	31.88	32.51	-0.631	39.67	37.29	26.299	0.01776
"2014-03-04	04:00:00"	3.601	62.66	0.298	6.368	2.288	158.8	39.56	5.175	31.34	30.07	1.269	40.68	40.47	26.273	0.13891
"2014-03-04	05:00:00"	5.833	62.63	0.273	8.75	4.377	224.8	29.64	6.964	32.33	32.69	-0.359	39.67	38.03	26.266	0.0985
"2014-03-04	06:00:00"	3.197	62.91	0.108	6.368	2.468	324.8	82.9	3.982	30.78	30.42	0.356	41.2	39.74	26.269	0.08544
"2014-03-04	07:00:00"	3.925	62.84	0.336	7.561	2.672	164.5	50.15	4.578	29.79	28.16	1.631	43.32	43.24	26.257	0.15909
"2014-03-04	08:00:00"	4.41	62.86	0.315	8.16	3.226	223.8	24.77	6.964	29.79	31.07	-1.275	42.77	41.04	26.266	36.566
"2014-03-04	09:00:00"	6.589	62.81	0.145	11.14	5.712	233.9	20.3	11.14	35.01	37.06	-2.054	39.03	35.16	26.289	218.59
"2014-03-04	10:00:00"	9.11	62.47	0.795	13.52	7.683	209.2	17.26	11.74	39.94	43.08	-3.142	33.22	28.95	26.304	426.23
"2014-03-04	11:00:00"	7.615	62.7	0.875	12.33	6.489	190.5	22.82	11.14	45.15	49.54	-4.39	30	25.08	26.289	614.65
"2014-03-04	12:00:00"	9.23	62.4	1.088	15.31	7.92	203	24.31	14.72	50.35	56.17	-5.812	27.46	21.76	26.278	755.57
"2014-03-04	13:00:00"	9.48	62.32	1.647	15.31	8.12	204.1	21.76	14.72	54.48	60.44	-5.956	25.58	20.05	26.249	835.23
"2014-03-04	14:00:00"	9.93	62.25	1.931	15.31	8.47	204.1	22.88	13.52	58.72	64.11	-5.389	23.63	18.62	26.215	812.9
"2014-03-04	15:00:00"	9.78	62.75	2.546	16.51	8.36	207.9	19.22	15.31	61.38	61.79	-0.405	23.16	20.93	26.182	643.84
"2014-03-04	16:00:00"	10.84	59.98	3.311	16.51	8.95	186.8	16.06	15.31	62.91	63.95	-1.047	22.75	20.22	26.155	373.92
"2014-03-04	17:00:00"	11.83	57.14	4.263	17.1	9.66	185.9	14.62	14.72	63.16	65.76	-2.603	23.19	20	26.14	265.91
"2014-03-04	18:00:00"	11.42	57.6	4.451	17.1	9.18	181.4	12.16	14.12	62.62	65.31	-2.689	24.25	20.87	26.136	129.21
"2014-03-04	19:00:00"	9.22	61.44	1.964	14.12	7.347	168.1	9.72	12.33	60.6	63.75	-3.152	25.95	22.16	26.134	22.613
"2014-03-04	20:00:00"	8.31	61.69	2.215	14.72	6.417	154.7	10.27	11.74	57.31	59.35	-2.034	28.23	25.05	26.129	0.02205
"2014-03-04	21:00:00"	10.81	54.11	7.784	18.3	8.61	165.6	18.13	14.12	55.28	55.3	-0.019	30.77	29.15	26.127	0
"2014-03-04	22:00:00"	7.613	61.81	0.603	12.93	5.836	197.9	16.52	9.35	53.26	54.23	-0.971	33.14	30.84	26.151	0
"2014-03-04	23:00:00"	7.181	62.36	0.304	10.54	5.38	195.7	14.48	8.75	51.01	53	-1.995	35.55	32.33	26.152	0
"2014-03-05	00:00:00"	7.203	61.7	6.563	12.33	5.628	182.5	13.41	9.95	50.66	51.5	-0.841	36.55	34.45	26.142	0
"2014-03-05	01:00:00"	9.15	62.03	0.817	13.52	7.146	193.8	12.84	11.74	50.14	51.04	-0.905	36.49	34.24	26.123	0
"2014-03-05	02:00:00"	6.704	63.81	0.846	11.74	5.389	213.4	17.66	9.35	48.63	49.91	-1.284	37.55	34.93	26.113	0
"2014-03-05	03:00:00"	5.537	64.62	0.237	8.16	4.304	244.3	12.39	6.368	46.32	46.84	-0.513	39.91	37.85	26.108	0
"2014-03-05	04:00:00"	7.038	64.77	0.305	10.54	5.818	225.6	13.17	8.75	45.85	47.25	-1.405	41.04	38.43	26.104	0
"2014-03-05	05:00:00"	6.844	65.33	0.507	9.95	5.304	252.5	19.47	8.75	44.04	45	-0.956	43.53	40.73	26.108	0
"2014-03-05	06:00:00"	7.689	79.52	2.789	11.14	4.516	283.3	10.74	8.16	43.12	44.44	-1.317	45.25	42.08	26.119	0
"2014-03-05	07:00:00"	5.668	80.8	0.275	9.95	3.525	297.1	43.73	6.964	44.14	44.17	-0.038	44.2	43.62	26.131	0.00691
"2014-03-05	08:00:00"	8.33	83.4	5.077	15.91	4.003	301.7	10.24	12.33	44.48	46.58	-2.108	45.12	42.4	26.149	30.876
"2014-03-05	09:00:00"	13.08	95.9	6.78	30.22	7.9	309.1	10.51	23.66	49.23	52.43	-3.199	44.54	39.81	26.173	209.98
"2014-03-05	10:00:00"	24.65	143.5	13.49	36.19	19.51	346.6	16.4	30.82	53.4	56.68	-3.284	45.9	40.15	26.197	416.72
"2014-03-05	11:00:00"	26.92	155.3	9.25	36.19	21.44	355.9	18.37	32.01	52.83	57.07	-4.247	47.9	40.34	26.231	551.89
"2014-03-05	12:00:00"	24.16	157.4	11.89	35	19.51	4.17	22.1	29.03	54.32	59.69	-5.374	44.58	36.34	26.248	694.68
"2014-03-05	13:00:00"	22.66	155	13.76	33.21	18.39	6.125	23.06	27.84	56.22	62.11	-5.889	40.82	33.15	26.269	780.21
"2014-03-05	14:00:00"	21.51	158.7	16.45	31.42	17.54	16.79	21.57	27.24	57.93	64.17	-6.241	38.99	31.34	26.275	800.6
"2014-03-05	15:00:00"	19.15	151	16.98	30.22	15.97	23.34	19.49	25.45	60.02	66	-5.983	37.86	30.77	26.267	722.19
"2014-03-05	16:00:00"	18.28	136.9	14.8	29.03	14.88	2.913	25.44	24.26	60.61	65.38	-4.778	37	30.96	26.291	493.23
"2014-03-05	17:00:00"	20.05	146.3	14.57	29.63	16.22	5.667	25.32	24.86	59.21	63.06	-3.855	38.29	33.16	26.317	410.88

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-05	18:00:00"	19.64	151.2	13.06	26.65	15.84	15.34	20.32	24.26	56.64	61.04	-4.407	40.98	34.53	26.342	221.8	0	
"2014-03-05	19:00:00"	17.55	144.7	15.54	24.26	14.25	23.03	12.46	21.28	53.52	57.16	-3.648	44.92	38.21	26.37	46.197	0	
"2014-03-05	20:00:00"	14.38	128.1	11.1	20.68	11.74	26.67	10.25	18.3	49.78	52.66	-2.883	50.16	44.04	26.4	0.12098	0	
"2014-03-05	21:00:00"	11.51	114.1	9.11	18.89	9.28	32.11	10.88	17.1	46.85	50.1	-3.248	53.47	46.97	26.428	0	0	
"2014-03-05	22:00:00"	8.59	104.5	3.657	12.33	6.23	31.13	12.2	10.54	43.79	47.28	-3.486	57.5	49.86	26.445	0	0	
"2014-03-05	23:00:00"	7.019	101.6	0.211	9.95	4.095	1.925	25.08	7.561	40.35	38.53	1.82	62.48	61.65	26.455	0	0	
"2014-03-06	00:00:00"	7.795	102.7	2.025	11.74	5.077	30.11	15.35	8.16	39.56	36.55	3.006	64.9	67.62	26.452	0	0	
"2014-03-06	01:00:00"	8.49	102.7	1.835	11.74	5.212	12.77	25.19	9.35	37.07	34.13	2.933	68.23	69.94	26.451	0.00067	0	
"2014-03-06	02:00:00"	7.775	102.3	2.269	12.33	4.451	3.757	23.23	9.35	35.35	33.68	1.675	71.05	71.83	26.455	0.00163	0	
"2014-03-06	03:00:00"	7.699	101.6	0.275	9.35	4.427	11.56	21.79	6.368	33.84	32.01	1.826	73.78	73.96	26.453	0.02284	0	
"2014-03-06	04:00:00"	8.11	101.5	0.088	9.35	4.172	359.8	24.75	5.771	33.34	31.48	1.858	76.59	74.3	26.44	0.0787	0	
"2014-03-06	05:00:00"	7.125	94.2	3.217	10.54	3.978	343.5	34.82	6.368	32.16	31.58	0.574	77.54	75.87	26.434	0.32473	0	
"2014-03-06	06:00:00"	5.709	89	2.901	8.75	3.278	299.1	32.48	5.175	31.83	30.57	1.253	78	76.1	26.429	0.3454	0	
"2014-03-06	07:00:00"	7.573	86.5	0.292	9.35	3.657	327.2	27.52	5.175	31.78	29.54	2.238	78.88	74.59	26.429	0.35658	0	
"2014-03-06	08:00:00"	7.344	86.5	0.356	9.35	3.543	317.4	13.16	5.771	30.53	29.13	1.402	78.9	78.03	26.423	44.534	0	
"2014-03-06	09:00:00"	4.849	85	1.055	6.964	3.769	282.3	24.09	6.964	36.44	36.9	-0.462	78.42	75.61	26.434	228.15	0	
"2014-03-06	10:00:00"	6.507	76.1	3.172	12.33	5.771	245.5	15.01	11.74	44.83	44.24	0.592	64.11	59.75	26.447	439.41	0	
"2014-03-06	11:00:00"	9.15	69.38	1.771	13.52	7.898	235.1	19.72	14.12	51.42	51.37	0.052	47.79	45.19	26.439	613.08	0	
"2014-03-06	12:00:00"	9.32	64.88	3.769	15.31	7.924	213.7	19.89	13.52	55.47	57.43	-1.961	36.97	33.4	26.422	737.68	0	
"2014-03-06	13:00:00"	11.07	60.49	6.442	19.49	9.25	206.4	18.36	16.51	59.8	65.3	-5.502	26.75	21.84	26.386	784.97	0	
"2014-03-06	14:00:00"	14.58	49.39	8.02	21.87	12.02	195.5	15.38	19.49	63.58	68.16	-4.587	22.06	17.71	26.343	794.62	0	
"2014-03-06	15:00:00"	14.28	53.36	8.31	21.87	11.72	200.5	17.23	19.49	65.17	70.15	-4.978	22.1	17.56	26.299	693.73	0	
"2014-03-06	16:00:00"	14.11	52.52	6.729	20.68	11.56	199.1	14.43	19.49	66.21	68.95	-2.744	22.3	18.92	26.268	499.95	0	
"2014-03-06	17:00:00"	15.11	47.3	8.19	24.26	12.23	194	14.82	20.68	67	69.2	-2.201	22.35	19.35	26.243	266.79	0	
"2014-03-06	18:00:00"	13.95	49.2	6.57	22.47	11.17	190.1	13.02	18.89	67.32	69.79	-2.47	22.18	19.01	26.226	174.52	0	
"2014-03-06	19:00:00"	11.81	53.6	3.005	17.7	9.41	181	10.52	15.31	65.32	67.7	-2.379	23.99	20.7	26.22	35.92	0	
"2014-03-06	20:00:00"	9.87	55.6	0.547	15.31	7.644	175	9.4	11.74	61.34	61.83	-0.486	26.39	24.4	26.218	0.05443	0	
"2014-03-06	21:00:00"	7.945	56.22	0.152	11.14	5.876	164.9	9.01	8.75	58.33	59.26	-0.938	28.21	26	26.217	0	0	
"2014-03-06	22:00:00"	8.48	56.27	0.323	12.33	6.277	177.9	16.03	9.35	57.09	58.63	-1.544	29.23	26.82	26.208	0	0	
"2014-03-06	23:00:00"	7.661	60.8	3.296	13.52	5.769	189.3	18.31	10.54	55.63	56.42	-0.795	29.05	26.93	26.197	0	0	
"2014-03-07	00:00:00"	10.57	55.12	1.884	16.51	8.3	187.7	13.58	13.52	57.76	57.39	0.378	26.49	25.21	26.183	0	0	
"2014-03-07	01:00:00"	9.75	56.39	0.285	13.52	7.697	200.3	9.65	10.54	56.11	56.63	-0.524	28.11	26.25	26.168	0	0	
"2014-03-07	02:00:00"	8.76	56.71	0.128	11.74	6.818	202.8	8.8	9.95	53.54	54.11	-0.565	30.4	28.49	26.161	0	0	
"2014-03-07	03:00:00"	7.187	59.2	3.007	9.95	5.461	201.1	9.05	8.16	51.79	52.41	-0.624	32.32	30.49	26.146	0	0	
"2014-03-07	04:00:00"	7.75	63.49	0.323	11.14	6.018	201.9	8.86	9.35	51.1	53.89	-2.791	33.39	29.73	26.124	0	0	
"2014-03-07	05:00:00"	8.57	63.47	0.38	11.74	6.717	202.7	8.68	9.35	50.83	53.32	-2.488	34.19	30.54	26.115	0	0	
"2014-03-07	06:00:00"	6.546	63.97	0.13	11.14	5.151	210.7	15.13	9.35	49.07	51.58	-2.508	36.19	32.44	26.115	0	0	
"2014-03-07	07:00:00"	5.974	67.58	1.403	8.75	4.489	247.6	20.5	7.561	47.71	49.02	-1.306	38.04	35.43	26.12	0.02465	0	
"2014-03-07	08:00:00"	7.181	68.16	0.342	11.14	5.64	224.1	12.01	8.75	46.66	46.22	0.445	40.41	39.2	26.121	29.282	0	
"2014-03-07	09:00:00"	8.12	68.05	0.213	11.14	7.083	220	13.07	10.54	48.08	49.3	-1.222	40.84	38.22	26.132	210.71	0	
"2014-03-07	10:00:00"	9.96	65.78	1.946	14.12	8.49	218.8	14.76	12.93	54.73	57.56	-2.829	34.49	30.98	26.139	410.09	0	
"2014-03-07	11:00:00"	8.99	68.39	0.947	13.52	7.9	237.3	16.45	12.33	61.84	66.48	-4.643	27.74	23.33	26.128	598.04	0	
"2014-03-07	12:00:00"	11.59	70.88	3.311	20.68	9.81	252.3	16.61	20.68	70.02	72.28	-2.26	20.14	17.17	26.109	764.63	0	
"2014-03-07	13:00:00"	13.57	76.33	7.664	26.05	10.92	261.8	21.21	23.07	75.26	77.07	-1.804	16.22	13.81	26.082	848.4	0	
"2014-03-07	14:00:00"	16.31	79	6.406	31.42	13.07	268	17.21	27.84	78.17	82.3	-4.106	14.68	11.53	26.048	848.24	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-07	15:00:00"	17.6	80	6.819	32.61	13.89	269.9	17.28	28.43	79.06	83.6	-4.53	14.36	11.03	26.019	759.86	0	
"2014-03-07	16:00:00"	16.57	76.21	7.582	29.63	13.43	261.2	19.91	24.26	79.32	79.71	-0.39	14.65	12.62	25.998	648.76	0	
"2014-03-07	17:00:00"	15.97	78.27	5.723	27.24	12.68	265.9	16.23	23.07	79.62	80.2	-0.556	13.5	11.53	25.99	474.43	0	
"2014-03-07	18:00:00"	14.09	73.91	4.704	23.07	11.32	254.8	16.77	20.68	79.46	79.71	-0.253	12.65	10.78	25.985	258.2	0	
"2014-03-07	19:00:00"	14.01	82.5	3.505	24.26	10.82	274.1	11.89	21.87	76.76	78.53	-1.769	13.47	11.15	25.993	56.343	0	
"2014-03-07	20:00:00"	8.69	79.28	2.09	14.72	6.33	267.5	9.5	11.74	71.47	71.99	-0.517	15.96	14.14	26.015	0.2	0	
"2014-03-07	21:00:00"	7.701	76.7	0.763	12.33	5.232	262.3	9.86	8.16	67.22	66.19	1.032	17.92	16.72	26.035	0	0	
"2014-03-07	22:00:00"	7.291	74.74	0.805	11.74	5.332	233.7	19.88	9.35	63.58	64.66	-1.084	20.3	18.28	26.05	0	0	
"2014-03-07	23:00:00"	10.99	89.7	10.08	21.28	6.978	292.5	31.15	17.7	60.7	61.43	-0.732	21.95	20.24	26.07	0	0	
"2014-03-08	00:00:00"	14.76	110.4	7.574	21.87	10.77	338.6	17.84	19.49	60.6	60.89	-0.287	27.1	25.19	26.085	0	0	
"2014-03-08	01:00:00"	21.79	164.3	16.36	30.82	17.5	19.85	19.11	26.65	58.48	60.95	-2.467	31.71	28.2	26.096	0	0	
"2014-03-08	02:00:00"	23.12	177.6	13.22	35	19.09	32.55	9.8	29.63	53.47	55.91	-2.44	40.13	35.6	26.12	0	0	
"2014-03-08	03:00:00"	21.26	163.6	13.69	32.01	17.13	22.68	14.29	29.63	49.51	52.03	-2.526	49.75	43.7	26.155	0	0	
"2014-03-08	04:00:00"	20.34	162.8	18.36	30.82	16.86	30.34	10.09	27.24	46.22	48.46	-2.236	57.87	51.54	26.189	0	0	
"2014-03-08	05:00:00"	19.82	161.8	17.33	30.82	16.36	29.98	11.38	26.05	43.03	45.3	-2.278	62.72	56.2	26.215	0	0	
"2014-03-08	06:00:00"	20.92	159.9	13.34	33.21	16.52	16.21	15.23	28.43	40.76	43.64	-2.877	64.71	57.19	26.259	0	0	
"2014-03-08	07:00:00"	22.35	169.2	11.61	30.22	17.95	20.97	12.6	26.65	39.49	42.27	-2.777	64.99	57.32	26.289	0.03521	0	
"2014-03-08	08:00:00"	22.27	163.7	11.96	33.21	17.85	15.37	16.09	29.03	39.1	42.03	-2.927	63.88	56.26	26.332	37.079	0	
"2014-03-08	09:00:00"	25.98	177	9.99	36.19	20.91	20.85	14.14	33.8	39.21	42.54	-3.337	60.26	51.92	26.367	157.21	0	
"2014-03-08	10:00:00"	25.84	175.4	10.4	35.59	20.96	18.06	16.82	31.42	41.79	45.85	-4.057	56.65	47.41	26.394	416.92	0	
"2014-03-08	11:00:00"	23.35	171.8	14.79	33.8	19	22.48	15.73	30.22	43.81	48.15	-4.348	53.52	44.12	26.423	478.72	0	
"2014-03-08	12:00:00"	21.09	164.4	14.15	27.84	17.39	23.33	17.74	25.45	46.43	51.31	-4.878	48.72	39.35	26.439	598.46	0	
"2014-03-08	13:00:00"	19.32	157.9	19.1	29.03	16.16	27.88	14.95	27.24	48.49	53.21	-4.724	44.6	36.45	26.44	602.11	0	
"2014-03-08	14:00:00"	17.52	146.1	17.97	26.65	14.82	25.46	18.37	23.07	51.17	56.08	-4.908	40.56	33.54	26.429	793.4	0	
"2014-03-08	15:00:00"	17.18	142.8	19.56	26.05	14.4	23.34	19.35	24.86	53.01	58.65	-5.637	38.71	31.24	26.418	745.68	0	
"2014-03-08	16:00:00"	17.34	147.1	18.95	26.65	14.66	31.26	15.83	26.05	54.12	58.81	-4.692	37.41	30.82	26.413	494.95	0	
"2014-03-08	17:00:00"	17.24	147.5	18.54	25.45	14.5	33.22	14.43	23.66	55.41	59.18	-3.771	35.42	30.07	26.419	431.93	0	
"2014-03-08	18:00:00"	17.95	151.7	17.71	26.65	14.95	32.43	13.87	22.47	55.3	58.45	-3.151	34.71	29.84	26.434	205.47	0	
"2014-03-08	19:00:00"	16.33	140.8	15.68	24.26	13.42	28.74	11.24	21.28	53.18	55.78	-2.604	36.2	31.64	26.46	37.874	0	
"2014-03-08	20:00:00"	12.76	118.5	10.36	18.89	10.26	24.8	10.89	17.1	50.73	52.62	-1.89	38.55	34.65	26.485	0.14179	0	
"2014-03-08	21:00:00"	10.7	108.5	3.796	15.31	8.33	27.17	9.39	13.52	47.97	49.55	-1.581	41.86	37.6	26.504	0	0	
"2014-03-08	22:00:00"	11.9	115.3	7.175	17.1	9.43	31.32	9.58	15.31	45.43	47	-1.565	45.82	40.99	26.515	0	0	
"2014-03-08	23:00:00"	10.82	113.4	7.952	17.7	8.74	41.9	9.71	13.52	44.07	45.52	-1.444	48.63	44.19	26.53	0	0	
"2014-03-09	00:00:00"	9.19	106.3	4.988	13.52	7.356	35.18	14.52	11.74	42.39	44.19	-1.806	51.44	46.28	26.536	0	0	
"2014-03-09	01:00:00"	6.467	92	0.728	8.75	4.094	11.28	17.76	6.368	39.57	40.47	-0.905	54.52	50.33	26.527	0	0	
"2014-03-09	02:00:00"	6.232	91.3	0.426	8.16	3.225	349.3	20.29	5.175	36.67	35.97	0.699	59.29	56.56	26.532	0.0001	0	
"2014-03-09	03:00:00"	7.058	91.1	0.212	9.35	4.135	338.1	13.72	6.368	36.2	34.85	1.354	59.1	59.57	26.53	0.0309	0	
"2014-03-09	04:00:00"	6.696	90.9	0.384	9.35	4.478	352.7	17.62	7.561	36.39	36.95	-0.554	58.17	57.44	26.525	0.01516	0	
"2014-03-09	05:00:00"	7.38	91	0.313	9.95	5.292	349.9	16.3	7.561	36.88	37.98	-1.1	57.4	54.27	26.528	0.0001	0	
"2014-03-09	06:00:00"	6.297	90.5	0.048	9.35	4.016	323.7	11.62	7.561	36.64	38.7	-2.063	57.07	52.71	26.547	0.0001	0	
"2014-03-09	07:00:00"	5.577	90.3	0.166	9.95	3.65	335.8	9.04	8.16	35.97	36.71	-0.745	56.62	53.88	26.554	0.07706	0	
"2014-03-09	08:00:00"	7.095	90.5	0.037	10.54	5.269	342.9	10.49	8.16	36.96	38.32	-1.353	55.09	51.84	26.554	30.061	0	
"2014-03-09	09:00:00"	8.02	91.6	1.781	11.74	6.52	348.5	13.99	11.74	39.56	41.38	-1.817	50.69	46.65	26.56	116.04	0	
"2014-03-09	10:00:00"	10.26	99.3	5.226	15.31	8.61	351.9	18.87	14.72	46.83	47.13	-0.297	39.51	36.9	26.571	442.41	0	
"2014-03-09	11:00:00"	9.65	100.7	6.047	16.51	8.25	5.035	23.02	13.52	52.12	52.78	-0.662	30.96	28.67	26.567	668.42	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-09	12:00:00"	8.24	99.4	6.902	15.31	7.134	30.48	28.04	15.31	56	57.59	-1.592	26.08	23.18	26.554	811.3	0	
"2014-03-09	13:00:00"	6.648	89.7	10.34	15.31	5.678	45.99	47.78	14.12	59.34	59.71	-0.366	22.35	20.39	26.533	665.18	0	
"2014-03-09	14:00:00"	5.213	85.1	6.908	11.74	4.587	333.4	90.2	11.14	57.33	60.63	-3.297	22.69	19.19	26.501	804.36	0	
"2014-03-09	15:00:00"	4.852	81	5.486	10.54	4.285	260.4	70	9.35	58.71	62.43	-3.718	21.81	18.11	26.465	762.35	0	
"2014-03-09	16:00:00"	3.705	77.29	0.464	8.75	3.3	246.6	50.41	8.16	59.91	62.31	-2.406	20.68	17.71	26.441	652.92	0	
"2014-03-09	17:00:00"	4.548	77.5	0.272	9.95	4.015	283.5	96.1	9.35	60.71	63.3	-2.584	20.41	17.34	26.425	474.47	0	
"2014-03-09	18:00:00"	4.451	78.29	0.6	8.16	3.741	316	60.06	8.16	60.71	62.88	-2.17	20.45	17.67	26.417	268.56	0	
"2014-03-09	19:00:00"	4.035	78.36	0.43	7.561	3.4	248.8	26.57	6.964	59.91	62.01	-2.108	20.56	17.87	26.416	67.617	0	
"2014-03-09	20:00:00"	1.383	78.35	0.348	3.386	1.661	333.7	32.33	3.386	57.57	56.86	0.706	21.7	20.76	26.413	0.29543	0	
"2014-03-09	21:00:00"	2.652	78.3	0.508	5.175	2.42	91.5	61.3	3.982	55.56	53.29	2.272	23.18	23.35	26.419	0	0	
"2014-03-09	22:00:00"	6.018	74.33	2.528	9.35	4.098	178.9	20.92	6.964	52.58	51.7	0.883	25.73	25	26.426	0	0	
"2014-03-09	23:00:00"	4.326	72.48	0.322	9.95	2.894	251.1	26.03	5.771	49.87	49.63	0.24	27.48	26.36	26.432	0	0	
"2014-03-10	01:00:00"	3.801	72.49	0.241	8.16	2.239	246.3	44.57	6.368	47.75	47.34	0.41	29.53	28.55	26.421	0	0	
"2014-03-10	02:00:00"	3.831	72.3	0.063	6.368	2.196	194.2	16.3	5.175	47.13	45.88	1.255	30.32	30.33	26.411	0	0	
"2014-03-10	03:00:00"	4.612	72.32	0.172	6.964	3.015	206.6	20.37	5.175	44.77	45.35	-0.574	32.59	31.21	26.402	0	0	
"2014-03-10	04:00:00"	4.706	72.37	0.259	7.561	2.871	230.4	26.9	5.175	43.84	44.06	-0.227	33.94	32.33	26.385	0	0	
"2014-03-10	05:00:00"	6.036	72.5	0.464	8.75	4.029	249.2	14.64	6.964	42.91	43.61	-0.697	35.64	33.45	26.359	0	0	
"2014-03-10	06:00:00"	7.692	74.19	2.466	13.52	5.372	261.9	12.7	11.74	43.29	43.38	-0.089	37.82	35.92	26.337	0	0	
"2014-03-10	07:00:00"	6.413	77.07	1.133	11.14	4.465	235.6	24.51	8.75	44.43	43.15	1.278	37.57	37.08	26.333	0	0	
"2014-03-10	08:00:00"	5.469	76.16	0.17	8.16	3.581	255.8	18.92	5.771	43.02	41.77	1.255	40.01	39.59	26.327	0.13	0	
"2014-03-10	09:00:00"	7.102	77.27	1.058	11.14	5.047	260.6	12.41	9.35	44.39	44.33	0.068	39.77	39.13	26.328	51.627	0	
"2014-03-10	10:00:00"	7.325	77.96	0.674	11.74	5.66	267.7	16.64	9.35	48.7	48.88	-0.183	36.51	34.72	26.342	243.89	0	
"2014-03-10	11:00:00"	8.58	71.66	3.147	14.12	7.346	237.8	18.53	12.93	56.35	57.05	-0.702	29.88	27.55	26.343	454.77	0	
"2014-03-10	12:00:00"	9.36	66.98	3.232	15.31	7.97	224.2	20.53	13.52	60.93	62.65	-1.713	25.48	22.68	26.33	641.31	0	
"2014-03-10	13:00:00"	10.25	62.37	4.532	17.1	8.71	217.5	21.44	16.51	64.27	68.52	-4.254	22.5	18.67	26.305	782.87	0	
"2014-03-10	14:00:00"	10.14	62.45	5.404	17.7	8.58	214.2	23.56	15.91	67.16	73.37	-6.206	19.98	15.39	26.269	859.43	0	
"2014-03-10	15:00:00"	11.24	61.36	7.337	22.47	9.49	209.6	24.88	19.49	69.67	72.55	-2.877	19.6	16.42	26.221	865.63	0	
"2014-03-10	16:00:00"	12.37	59.24	7.226	21.87	10.4	210	21.54	18.3	71.29	72.96	-1.67	20.19	17.51	26.181	783.17	0	
"2014-03-10	17:00:00"	13.89	56.22	8.46	21.87	11.58	207	19.78	18.89	72.14	75.9	-3.755	20.66	17.05	26.157	664.81	0	
"2014-03-10	18:00:00"	13.1	61.87	8.04	23.66	10.94	222.3	23.07	20.09	72.88	76.34	-3.465	20.51	17.16	26.139	482.31	0	
"2014-03-10	19:00:00"	12.55	62.77	4.965	20.68	10.39	217.1	18.93	18.3	72.87	77.29	-4.42	19.89	16.14	26.128	274.8	0	
"2014-03-10	20:00:00"	8.98	66.46	2.169	17.1	7.372	217.7	16.06	15.31	71.21	75.11	-3.892	20.28	16.72	26.124	69.274	0	
"2014-03-10	21:00:00"	5.077	67.64	0.28	8.75	3.251	188.7	23.38	6.964	65.93	67.27	-1.335	22.83	20.59	26.122	0.32296	0	
"2014-03-10	22:00:00"	6.394	67.43	0.046	9.95	4.332	169.1	14.49	7.561	63.61	62.53	1.08	24.9	23.98	26.13	0	0	
"2014-03-10	23:00:00"	9.84	61.47	2.917	15.91	7.338	178.9	11.65	12.33	60.29	61.85	-1.563	28.15	25.57	26.122	0	0	
"2014-03-11	00:00:00"	7.189	65.16	2.228	11.74	5.214	198.9	15.86	9.35	55.8	57.99	-2.198	27.69	25.11	26.113	0	0	
"2014-03-11	01:00:00"	7.846	65.44	2.168	13.52	5.662	181.5	13.44	11.14	51.99	53.82	-1.829	27.28	24.97	26.101	0	0	
"2014-03-11	02:00:00"	7.387	66.1	2.124	12.33	5.555	212.8	24.76	9.35	49.95	52.26	-2.312	29.55	26.61	26.078	0	0	
"2014-03-11	03:00:00"	7.584	69.14	0.587	10.54	5.285	267.3	11.75	8.75	49.38	50.96	-1.578	28.52	26.17	26.061	0	0	
"2014-03-11	04:00:00"	6.437	69.73	0.493	8.75	3.682	262.4	36.5	6.964	48.46	48.59	-0.132	29.55	28.45	26.038	0	0	
"2014-03-11	05:00:00"	5.873	68.12	0.285	8.75	4.171	217.6	16.47	6.964	44.12	46.19	-2.065	34.33	31.04	26.012	0	0	
"2014-03-11	06:00:00"	6.196	68.06	0.258	9.35	4.68	218.9	17.55	8.16	43.32	45.45	-2.132	36.5	33.32	25.995	0	0	
"2014-03-11	07:00:00"	7.833	69.32	2.73	11.14	5.335	253	23.06	8.75	43.78	45.8	-2.021	36.28	33.45	25.994	0	0	
"2014-03-11	08:00:00"	11.64	88.9	3.497	15.31	5.052	297.5	9.75	8.16	49.64	49.61	0.034	28.32	28.63	26.005	0.18466	0	
"2014-03-11	09:00:00"	10.13	86.3	1.232	14.12	5.338	289.8	8.38	11.14	50.95	48.79	2.156	27.25	28.37	26.014	61.028	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-11	10:00:00"	15.28	90.8	5.936	26.65	9.74	291.2	11.23	20.09	58.22	62.27	-4.047	24.01	20.71	26.023	261.95	0
"2014-03-11	11:00:00"	20.44	93.6	4.371	30.22	13.43	292.2	10.56	26.65	65.82	70.51	-4.693	18.74	14.77	26.042	475.51	0
"2014-03-11	12:00:00"	20.84	96.3	6.067	29.03	13.59	295.9	12.8	24.26	69.07	73.55	-4.48	16.6	13.05	26.052	666.93	0
"2014-03-11	13:00:00"	18.22	100.7	6.079	27.24	11.4	307	13.08	23.07	71.73	77.29	-5.56	14.39	10.82	26.054	809.11	0
"2014-03-11	14:00:00"	17.46	96.9	6.854	29.63	11.17	301.3	13.93	21.87	74.81	82	-7.147	10.83	7.126	26.041	882.16	0
"2014-03-11	15:00:00"	20.39	107.2	10.27	35.59	13.46	312.9	14.45	29.63	77.05	83.9	-6.862	8.59	5.261	26.02	876.09	0
"2014-03-11	16:00:00"	19.7	105.9	9.67	32.61	13.25	312.3	14.76	27.84	78.19	85.5	-7.273	8.05	4.706	26.012	793.7	0
"2014-03-11	17:00:00"	18.48	110.2	10.72	30.82	13.2	321.9	16.2	24.26	78.38	85.6	-7.267	7.874	4.619	26.006	663.49	0
"2014-03-11	18:00:00"	18.1	108.5	10.01	33.21	12.63	319.3	13.77	25.45	79.02	85.7	-6.679	6.139	3.241	26.005	491.36	0
"2014-03-11	19:00:00"	20.12	113.1	6.756	29.63	14.37	322.3	10.95	24.26	78.61	84	-5.383	5.194	2.519	26.017	283.61	0
"2014-03-11	20:00:00"	16.19	110.1	6.644	26.05	12.06	328.9	9.72	20.68	75.91	80.6	-4.649	6.148	3.47	26.042	71.441	0
"2014-03-11	21:00:00"	11.79	101.2	3.953	14.72	7.675	342.4	8.38	11.14	69.29	70.55	-1.254	7.899	5.925	26.077	0.3461	0
"2014-03-11	22:00:00"	14.07	114.2	11.29	27.84	9.89	354.5	15.09	23.66	65.67	66.15	-0.483	9.58	7.93	26.115	0	0
"2014-03-11	23:00:00"	34.1	187.8	14.33	51.69	27.66	23.59	13.82	45.13	59.68	62.2	-2.52	29.11	24.77	26.193	0	0
"2014-03-12	00:00:00"	32.71	196.2	11.55	46.92	26.85	33.54	10.13	41.56	52.2	54.18	-1.976	39.51	35.11	26.254	0	0
"2014-03-12	01:00:00"	34.16	198.2	11.95	48.71	27.9	34.21	9.81	42.75	46.58	48.39	-1.816	47.24	41.89	26.3	0	0
"2014-03-12	02:00:00"	30.22	191.1	10.88	42.75	24.63	30.24	10.62	39.17	43.62	45.66	-2.041	49.16	43.56	26.351	0	0
"2014-03-12	03:00:00"	26.63	181.6	10.78	39.77	21.45	24.05	11.61	34.4	42.04	44.78	-2.736	51.12	44.27	26.395	0	0
"2014-03-12	04:00:00"	26.02	179.4	10.84	40.36	20.79	22.03	12.29	33.21	40.25	42.92	-2.666	51.41	44.62	26.426	0	0
"2014-03-12	05:00:00"	19.69	160.7	18	29.63	15.96	23.38	11.12	25.45	38.87	41.2	-2.325	53.77	47.48	26.448	0	0
"2014-03-12	06:00:00"	16.28	140.8	16.15	24.86	13.19	23.78	11.08	21.87	38.26	40.28	-2.016	52.81	47.18	26.475	0	0
"2014-03-12	07:00:00"	11.12	104.9	11.3	19.49	8.73	7.872	16.8	15.91	36.74	39.33	-2.592	54.77	48.75	26.499	0.00048	0
"2014-03-12	08:00:00"	9.15	96.7	0.75	12.93	6.741	357.9	21.6	9.95	34.89	37.73	-2.843	59.61	52.94	26.535	0.20335	0
"2014-03-12	09:00:00"	8.68	96.2	0.869	12.93	6.649	354.7	19.27	12.33	34.33	36.6	-2.274	62.08	56.79	26.568	50.896	0
"2014-03-12	10:00:00"	14.84	126	17.82	23.66	11.97	9.04	19.11	20.09	37.4	41.93	-4.531	56.52	47.94	26.6	243.03	0
"2014-03-12	11:00:00"	16.04	139	16.03	22.47	13.38	22.66	17.76	20.68	39.79	44.91	-5.12	50.18	40.79	26.624	459.32	0
"2014-03-12	12:00:00"	14.6	135.3	21.17	23.07	12.41	38.56	17.99	21.87	42.63	48.14	-5.51	40.66	33.37	26.634	648.63	0
"2014-03-12	13:00:00"	12.27	117.9	22	21.28	10.43	36.42	20.76	19.49	45.13	51.47	-6.34	34.78	27.95	26.63	789.2	0
"2014-03-12	14:00:00"	10.14	99.7	21.98	18.89	8.62	42.58	31.07	17.1	47.62	54.69	-7.073	30.93	24.03	26.612	860.52	0
"2014-03-12	15:00:00"	9.57	97.7	22.96	17.7	8.29	47.38	32.25	16.51	50.1	57.19	-7.088	26.95	20.63	26.583	862.98	0
"2014-03-12	16:00:00"	7.685	94.9	10.76	17.1	6.616	39.32	41.81	16.51	51.61	56.97	-5.356	24.26	19.27	26.549	781.95	0
"2014-03-12	17:00:00"	7.975	89.5	12.39	16.51	6.801	49.61	44.41	14.12	53.59	58.47	-4.881	22.5	18.14	26.524	670.69	0
"2014-03-12	18:00:00"	7.171	88.9	10.11	13.52	6.231	43.19	38.5	12.93	54.96	58.15	-3.189	21.76	18.2	26.508	489.89	0
"2014-03-12	19:00:00"	5.61	89	4.386	11.14	4.91	33.01	48.7	10.54	54.69	56.26	-1.568	22.39	19.6	26.496	278.37	0
"2014-03-12	20:00:00"	5.199	81.8	2.115	9.35	4.195	47.57	23.17	8.16	53.18	54.07	-0.888	23.21	20.86	26.498	69.749	0
"2014-03-12	21:00:00"	4.318	68.87	2.256	5.771	2.744	49.75	16.86	3.982	50.36	50.13	0.229	24.85	23.16	26.501	0.37512	0
"2014-03-12	22:00:00"	4.019	68.13	0.414	5.175	2.493	39.01	11.88	3.982	48.71	46.53	2.179	26.19	25.99	26.51	0	0
"2014-03-12	23:00:00"	3.633	68.96	3.627	5.175	2.466	65.92	16.83	3.386	48.28	45.24	3.045	26.5	27.6	26.518	0	0
"2014-03-13	00:00:00"	4.085	68.34	0.194	5.771	1.829	88.1	30.1	3.386	47.34	44.07	3.271	27.14	28.44	26.518	0	0
"2014-03-13	01:00:00"	3.769	68.24	0.271	5.175	1.355	164.1	46.69	2.789	44.88	42.32	2.553	29.11	29.66	26.509	0.0001	0
"2014-03-13	02:00:00"	3.608	68.32	0.056	5.175	2.171	254.1	36.67	3.982	43.23	42.37	0.86	30.78	30.19	26.502	0.00019	0
"2014-03-13	03:00:00"	3.464	68.39	0.163	4.578	2.412	309.4	6.376	3.386	43.06	40.55	2.508	31.08	32.39	26.489	0.00125	0
"2014-03-13	04:00:00"	4.512	68.62	0.253	6.368	2.693	317	9.92	4.578	42.19	38.31	3.879	31.95	33.57	26.473	0.00019	0
"2014-03-13	05:00:00"	3.958	68.65	0.428	5.175	2.653	310.9	6.637	4.578	41.94	37.39	4.548	32.22	35.58	26.457	0.00096	0
"2014-03-13	06:00:00"	3.63	68.64	0.475	5.175	2.643	305	25.03	4.578	41.32	37.88	3.437	32.6	35.08	26.45	0.00374	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-13	07:00:00"	3.31	68.63	0.375	4.578	2.246	302.2	13.58	3.982	41.86	38.17	3.694	31.83	34.58	26.443	0.00182	0
"2014-03-13	08:00:00"	2.835	68.63	0.369	4.578	1.548	306.9	17.43	2.789	41.34	38.53	2.803	32.37	34.18	26.446	0.25459	0
"2014-03-13	09:00:00"	2.476	68.53	0.31	3.386	1.321	304.1	22.12	2.193	41.5	39.22	2.278	32.25	34.02	26.456	53.494	0
"2014-03-13	10:00:00"	6.227	59.69	8.66	13.52	4.972	192.2	20.01	11.14	44.18	47.2	-3.014	31.47	28.25	26.481	258.22	0
"2014-03-13	11:00:00"	13.85	34.49	6.636	20.68	11.16	183.6	12.84	18.89	50.1	54.25	-4.157	28.06	23.43	26.485	471.45	0
"2014-03-13	12:00:00"	16.49	29.37	6.191	23.66	13.37	185.6	14.02	20.09	53.1	57.03	-3.926	25.86	21.51	26.473	659.6	0
"2014-03-13	13:00:00"	16.79	25.89	7.148	25.45	13.72	180.4	13.5	21.87	55.21	59.6	-4.385	23.72	19.28	26.446	793.14	0
"2014-03-13	14:00:00"	16.74	26.83	8.44	26.05	13.73	180.7	17.18	21.28	57.76	62.44	-4.674	20.81	16.54	26.406	865.44	0
"2014-03-13	15:00:00"	16.04	26.43	8.16	25.45	13.13	176.9	14.53	23.07	59.95	64.86	-4.912	19.39	15.18	26.359	866.28	0
"2014-03-13	16:00:00"	14.83	35.69	9.38	25.45	12.26	189.6	18.44	21.87	61.9	66.94	-5.041	19.82	15.5	26.319	764.86	0
"2014-03-13	17:00:00"	15.01	33.79	7.5	24.26	12.28	185.6	17.3	21.28	63.29	68.41	-5.124	20.37	15.91	26.285	665.19	0
"2014-03-13	18:00:00"	16.28	26.9	7.318	24.26	13.27	175.5	15.91	20.68	64.28	68.52	-4.243	20.07	16.07	26.256	485.45	0
"2014-03-13	19:00:00"	17.64	20.95	8.52	24.26	14.34	169.8	13.37	21.28	64.25	67.6	-3.349	20.01	16.54	26.226	273.99	0
"2014-03-13	20:00:00"	15.64	24.4	5.729	24.26	12.58	169.9	10.1	19.49	62.54	63.14	-0.603	21.25	19.17	26.215	56.871	0
"2014-03-13	21:00:00"	11.44	31.49	2.403	17.7	9.26	164.6	10.72	15.31	58.72	57.84	0.876	23.48	22.26	26.211	0.35996	0
"2014-03-13	22:00:00"	10.23	33.65	1.52	15.91	8.27	156.1	9.96	13.52	55.04	54.98	0.059	25.76	24.12	26.218	0	0
"2014-03-13	23:00:00"	10.11	34.79	1.538	16.51	8	166.3	9.13	12.93	52.54	52.49	0.054	27.47	25.97	26.226	0	0
"2014-03-14	00:00:00"	12.23	33.15	3.984	18.89	9.68	171.1	9.4	14.72	51.36	51.84	-0.476	28.34	26.59	26.23	0	0
"2014-03-14	01:00:00"	16.14	26.01	3.957	23.07	12.7	176.8	8.64	18.89	51.67	52.69	-1.026	28.6	26.41	26.215	0	0
"2014-03-14	02:00:00"	12.11	36.84	6.031	20.68	9.49	188.2	12.67	17.1	51.49	52.05	-0.555	29.56	27.59	26.207	0	0
"2014-03-14	03:00:00"	10.9	44.16	1.237	15.91	8.4	197.9	10.16	12.33	50.04	50.59	-0.548	31.52	29.52	26.201	0	0
"2014-03-14	04:00:00"	9.97	47.86	2.556	14.72	7.805	203.4	9.16	11.74	48.37	48.82	-0.453	33.2	31.41	26.188	0	0
"2014-03-14	05:00:00"	7.768	56.7	1.439	12.33	6.193	211.2	14.55	9.95	46.45	48.06	-1.608	35.44	32.53	26.178	0	0
"2014-03-14	06:00:00"	8.16	56.6	1.907	11.74	6.545	214.3	16.12	9.95	44.95	47.72	-2.774	36.88	32.99	26.173	0	0
"2014-03-14	07:00:00"	7.34	60.58	0.603	11.14	5.837	245.1	13.11	9.35	45.75	47.93	-2.181	36.52	33.04	26.181	0	0
"2014-03-14	08:00:00"	5.615	60.81	0.344	6.964	3.873	261.2	9.14	5.771	43.77	44.64	-0.871	38.44	35.91	26.186	0.397	0
"2014-03-14	09:00:00"	5.374	60.83	0.309	6.964	4	264.8	9.93	5.771	44.04	45.12	-1.084	38.44	36.75	26.201	67.222	0
"2014-03-14	10:00:00"	5.309	60.8	0.059	7.561	4.541	254.6	15.48	7.561	47.56	51.67	-4.107	35.56	31.41	26.231	248.51	0
"2014-03-14	11:00:00"	5.813	61.72	2.382	9.35	4.913	254.8	23.08	8.16	53.12	59.13	-6.012	31.06	25.57	26.256	440.14	0
"2014-03-14	12:00:00"	6.817	76.92	6.998	12.93	5.132	315.8	25.17	11.14	60.42	67.71	-7.294	26.26	20.53	26.263	550.12	0
"2014-03-14	13:00:00"	6.061	72.36	5.028	13.52	5.003	284.3	39.86	12.33	66.87	74.99	-8.12	22.63	16.88	26.255	782.43	0
"2014-03-14	14:00:00"	4.967	78.65	6.153	11.74	4.119	337.4	75.29	11.14	69.63	70.76	-1.124	21.73	19.34	26.242	761.66	0
"2014-03-14	15:00:00"	4.674	74.33	4.898	10.54	4.058	264	50.26	9.35	71.05	72.09	-1.039	21.44	19.16	26.221	678.17	0
"2014-03-14	16:00:00"	6.262	74.02	6.146	12.33	4.925	272.9	49.15	11.74	71.93	73.21	-1.275	21.26	18.85	26.198	472.05	0
"2014-03-14	17:00:00"	6.555	62.82	4.306	14.12	5.547	214.4	28.33	11.14	72.57	73.99	-1.42	20.84	18.39	26.181	491.21	0
"2014-03-14	18:00:00"	6.892	65.7	4.578	13.52	5.789	237.2	36.98	12.33	73.16	75.85	-2.682	19.78	16.94	26.168	445.13	0
"2014-03-14	19:00:00"	8.41	67.23	2.086	17.1	6.893	259	35.25	17.1	72.98	74.42	-1.445	16.93	14.6	26.166	176.76	0
"2014-03-14	20:00:00"	6.364	68.82	0.256	11.14	4.732	272.5	11.44	9.95	71.71	71.74	-0.027	17.05	15.39	26.173	32.903	0
"2014-03-14	21:00:00"	4.339	67.47	0.756	7.561	2.57	180.7	34.55	6.368	69.31	68.46	0.853	19.08	17.87	26.181	0.16222	0
"2014-03-14	22:00:00"	6.535	56.08	2.122	11.14	4.562	155.9	10.24	8.75	66.27	66.64	-0.363	22.83	21.07	26.188	0	0
"2014-03-14	23:00:00"	7.707	53.1	4.254	12.93	5.478	155.8	11.19	9.35	64.62	64.75	-0.128	25.49	23.94	26.193	0	0
"2014-03-15	00:00:00"	7.564	47.62	1.212	11.74	5.358	150.3	8.26	9.35	63.26	64.96	-1.697	27.4	24.77	26.186	0	0
"2014-03-15	01:00:00"	6.982	53.44	4.769	11.74	5.267	192.5	24.91	9.35	60.56	62.5	-1.937	30.18	27.06	26.184	0	0
"2014-03-15	02:00:00"	8.59	59.87	4.405	19.49	6.834	227.1	23.71	15.31	61.76	62.33	-0.567	31.89	29.84	26.202	0	0
"2014-03-15	03:00:00"	6.465	58.18	1.797	12.33	5.087	198.4	19.99	9.95	62.23	62.34	-0.111	32.79	31.13	26.194	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-15	04:00:00"	9.03	49.8	7.367	17.7	7.16	173.3	13.14	14.12	59.32	61.71	-2.386	36.06	32.56	26.18	0	0
"2014-03-15	05:00:00"	9.01	61.67	11.9	17.1	6.945	234.7	38.24	14.12	60.01	62.37	-2.367	34.87	31.61	26.17	0	0
"2014-03-15	06:00:00"	9.86	76.38	9.56	15.91	6.352	282.3	22.84	11.14	59.25	62.56	-3.314	30.73	27.23	26.166	0	0
"2014-03-15	07:00:00"	10.94	91	2.651	14.72	5.893	308.7	9.55	9.95	54.65	59.86	-5.204	32.38	26.57	26.157	0	0
"2014-03-15	08:00:00"	9.92	91.3	6.102	23.07	5.177	311.3	13.68	15.91	52.55	56.77	-4.221	36.9	32.9	26.154	0.191	0
"2014-03-15	09:00:00"	5.112	82.4	4.989	11.14	3.458	259.8	50.42	8.75	52.84	52.97	-0.126	36.75	36.51	26.137	27.935	0
"2014-03-15	10:00:00"	10.74	78.55	3.357	21.87	7.948	282.9	12.25	18.89	55.22	59.49	-4.277	37.11	32.64	26.145	260.2	0
"2014-03-15	11:00:00"	20.84	80.8	6.266	30.82	16.4	274.6	10.82	27.24	61.8	65.14	-3.348	36.16	31.69	26.141	480.1	0
"2014-03-15	12:00:00"	21.39	84.5	7.494	30.82	16.51	280	11.98	26.05	62.7	67.17	-4.468	34.32	28.94	26.133	662.35	0
"2014-03-15	13:00:00"	20.52	86.2	9.04	30.22	15.3	282.7	14.81	26.05	63.23	68.44	-5.217	33.1	27.24	26.118	804.52	0
"2014-03-15	14:00:00"	18.66	95.2	11.3	30.22	12.79	297.9	18.72	26.65	64.8	71.89	-7.084	30.97	23.84	26.09	876.88	0
"2014-03-15	15:00:00"	19.88	99.1	11.36	37.38	13.08	301.7	17.23	35.59	67.2	74.4	-7.197	26.19	19.74	26.053	853.4	0
"2014-03-15	16:00:00"	21.4	103.2	11.84	33.21	14.13	305.3	17.15	27.24	68.54	75.16	-6.62	20.77	15.31	26.021	594.38	0
"2014-03-15	17:00:00"	20.02	87.3	9.97	32.61	14.24	283.8	16.56	26.65	70.03	75.3	-5.272	18.12	13.98	26.003	593.27	0
"2014-03-15	18:00:00"	21.71	98.8	11.23	36.19	14.56	298.7	17.96	28.43	71.17	76.28	-5.112	12.87	9.31	25.991	354.37	0
"2014-03-15	19:00:00"	21.3	93.2	7.881	32.01	14.05	291.2	13.13	24.26	70.45	74.98	-4.532	12.75	9.29	26.001	191.07	0
"2014-03-15	20:00:00"	19.66	92.4	8.58	31.42	13.23	292.2	13.48	23.66	68.46	72.33	-3.872	14.3	10.91	26.023	41.982	0
"2014-03-15	21:00:00"	19.49	115.2	11.14	31.42	13.8	322.7	11.42	26.05	64.85	68.9	-4.052	21.11	17	26.059	0.26552	0
"2014-03-15	22:00:00"	19.33	140.3	11.43	31.42	15.25	350.4	14.81	27.84	59.3	62.23	-2.932	37.46	33.24	26.107	0	0
"2014-03-15	23:00:00"	21.71	148.6	21.39	35	17.02	352.9	19.46	28.43	54.69	58.17	-3.483	49.95	43.27	26.175	0	0
"2014-03-16	00:00:00"	27.04	174.7	9.83	39.77	21.47	10.26	15.89	33.21	51.46	54.92	-3.461	57.11	49.21	26.199	0	0
"2014-03-16	01:00:00"	28.94	190.9	9.46	43.94	23.78	27.29	10.74	39.17	50.93	53.85	-2.917	54.48	47.88	26.223	0	0
"2014-03-16	02:00:00"	28.47	195.7	10.36	49.31	23.53	32.53	10.23	42.15	51.11	53.83	-2.717	47.32	41.69	26.247	0	0
"2014-03-16	03:00:00"	29.78	193.2	9.43	43.94	24.1	27.86	11.9	40.36	50.02	52.81	-2.782	44.98	39.22	26.277	0	0
"2014-03-16	04:00:00"	29.2	184.4	8.72	40.96	23.45	18.05	13.78	36.19	48.02	50.86	-2.845	46.31	39.68	26.302	0	0
"2014-03-16	05:00:00"	28.77	178.6	9.04	41.56	23.02	12.45	18.59	35.59	44.9	47.82	-2.915	52.4	45.21	26.321	0	0
"2014-03-16	06:00:00"	24.62	174.8	9.15	38.57	19.59	12.59	16.98	32.01	43.28	46.19	-2.915	56.66	49.41	26.343	0	0
"2014-03-16	07:00:00"	23.2	171.1	10.21	37.98	18.63	10.42	19.84	32.61	42.13	45.15	-3.027	58.97	51.43	26.365	0	0
"2014-03-16	08:00:00"	22.63	166.3	11.61	34.4	17.95	5.475	23.08	30.22	41.6	44.62	-3.022	59.45	51.95	26.384	0.28551	0
"2014-03-16	09:00:00"	22.91	159.7	8.47	32.61	18.26	357.4	25.96	28.43	40.45	43.27	-2.824	61.63	54.8	26.413	64.45	0
"2014-03-16	10:00:00"	22.98	162.2	9.23	35.59	18.45	0.572	24.09	29.03	42.44	46.17	-3.734	56.97	48.63	26.442	268.04	0
"2014-03-16	11:00:00"	24.91	172.1	10.47	35.59	20.04	9.08	21.39	29.63	45.38	49.87	-4.495	48.39	39.7	26.466	476.35	0
"2014-03-16	12:00:00"	25.27	178	10.38	36.19	20.33	15.55	18.02	33.21	48.46	53.27	-4.81	40.37	33.17	26.477	653.63	0
"2014-03-16	13:00:00"	26.62	178.7	12.07	39.17	21.53	14.34	20.29	35	50.39	55.81	-5.422	35.35	28.48	26.483	796.05	0
"2014-03-16	14:00:00"	23.85	175.6	14.21	35.59	19.6	16.23	23	30.82	52.31	58.42	-6.108	30.5	24.06	26.462	858.39	0
"2014-03-16	15:00:00"	24.08	181.9	14.94	35.59	19.91	23.77	19.49	29.63	54.33	60.24	-5.913	24.45	18.87	26.427	863.27	0
"2014-03-16	16:00:00"	22.02	156.2	16.24	39.77	17.91	0.294	25.5	31.42	55.39	61.63	-6.239	25.46	19.64	26.399	793.11	0
"2014-03-16	17:00:00"	20.78	151.1	16.43	32.61	16.74	358.2	24.53	29.03	56.62	62.78	-6.165	24.66	19.04	26.377	683.61	0
"2014-03-16	18:00:00"	20	150.8	16.74	31.42	16.2	358.4	24.85	26.05	57.15	62.53	-5.383	22.9	17.92	26.364	433.72	0
"2014-03-16	19:00:00"	19.31	151.4	16.09	28.43	15.57	1.323	24.69	24.86	56.94	62.04	-5.096	21.45	16.89	26.36	293.46	0
"2014-03-16	20:00:00"	14.46	139.2	17.17	21.28	11.73	21.68	20.01	18.89	55.57	59.77	-4.206	21.8	17.61	26.367	71.828	0
"2014-03-16	21:00:00"	7.643	101.3	6.565	13.52	5.574	49.34	10.75	11.14	51.62	54.78	-3.153	24.83	20.85	26.371	0.64153	0
"2014-03-16	22:00:00"	8.01	99.7	4.798	12.33	5.351	53.37	9.21	9.35	48.48	50.66	-2.186	28.44	24.91	26.376	0	0
"2014-03-16	23:00:00"	7.889	99.6	3.865	11.74	4.886	34.53	19.05	9.95	46.16	47.46	-1.298	31.5	28.27	26.384	0	0
"2014-03-17	00:00:00"	7.723	97.7	4.06	11.14	4.254	61.55	7.352	7.561	43.62	44.63	-1.008	32.07	30.36	26.38	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-17	01:00:00"	7.122	95.9	0.153	9.35	4.194	57.13	8.86	6.964	43.69	42.58	1.109	28.82	30.68	26.366	0	0
"2014-03-17	02:00:00"	6.104	95.1	6.373	10.54	3.766	29.2	40.81	6.964	41.18	41.6	-0.422	29.08	28.85	26.346	0	0
"2014-03-17	03:00:00"	2.37	77.83	0.299	5.175	1.737	250.6	41.71	3.982	39.73	38.46	1.273	30.51	31.29	26.33	0	0
"2014-03-17	04:00:00"	3.186	77.77	0.543	4.578	1.732	202.2	36.64	3.386	38.81	37.28	1.528	31.41	32.62	26.303	0.00048	0
"2014-03-17	05:00:00"	4.426	74.71	1.821	6.964	3.123	231.1	15.52	6.368	37.33	38.01	-0.673	34.16	32.92	26.284	0.0023	0
"2014-03-17	06:00:00"	5.161	72.67	0.264	6.964	3.75	234.9	13.8	6.368	36.86	38.3	-1.437	33.78	31.92	26.268	0	0
"2014-03-17	07:00:00"	4.856	72.24	0.299	7.561	3.569	230.2	13.68	5.771	36.67	38.46	-1.787	33.01	30.6	26.248	0.0001	0
"2014-03-17	08:00:00"	5.636	70.65	1.941	9.95	4.154	209.1	14.47	9.35	35.62	37.83	-2.217	34.18	31.25	26.23	0.59611	0
"2014-03-17	09:00:00"	6.92	63.25	0.207	9.95	5.595	222.7	15.87	8.16	35.42	39.56	-4.139	34.6	30.11	26.227	76.658	0
"2014-03-17	10:00:00"	9.53	54.65	5.746	16.51	8	206.9	14.67	14.72	41.16	45.82	-4.659	29.9	25.31	26.221	281.82	0
"2014-03-17	11:00:00"	13.29	47.34	4.777	19.49	11.22	206.1	13.36	17.7	49.09	53.39	-4.297	23.98	19.76	26.208	495.35	0
"2014-03-17	12:00:00"	12.85	48.78	4.403	20.09	10.86	208.6	15.7	17.7	54.22	59.08	-4.859	20.63	16.49	26.19	671.41	0
"2014-03-17	13:00:00"	12.41	50.16	3.966	18.89	10.54	211.8	16.71	18.3	59.31	64.81	-5.501	17.31	13.33	26.158	783.69	0
"2014-03-17	14:00:00"	13.64	49.57	5.171	20.68	11.61	213.1	17.11	19.49	65.01	70.33	-5.32	14.38	10.77	26.117	879.71	0
"2014-03-17	15:00:00"	15.83	45.13	8.04	26.05	13.09	206.5	16.98	21.28	70.03	74.98	-4.947	11.88	8.64	26.064	902.15	0
"2014-03-17	16:00:00"	17.92	46.85	7.309	32.61	14.68	211.8	16.61	26.65	72.81	77.85	-5.043	11.39	8.17	26.008	817.66	0
"2014-03-17	17:00:00"	20.57	46.35	8.14	44.54	17.24	215.6	17.12	37.98	75.54	79.36	-3.812	10.08	7.253	25.959	688.49	0
"2014-03-17	18:00:00"	21.42	51.24	8.43	33.8	17.77	225.8	17.76	30.22	76.35	79.48	-3.134	9.56	6.953	25.928	508.86	0
"2014-03-17	19:00:00"	21.55	50.78	7.105	34.4	17.82	224.6	16.42	30.82	76.38	78.98	-2.601	9.09	6.651	25.9	292.83	0
"2014-03-17	20:00:00"	20.04	54.83	6.217	37.98	16.71	232.4	15.46	29.63	75.08	77.36	-2.279	8.66	6.323	25.888	84.214	0
"2014-03-17	21:00:00"	15.14	54.55	2.916	24.86	12.9	224.8	13.67	22.47	71.07	73.4	-2.334	10.12	7.725	25.88	0.83158	0
"2014-03-17	22:00:00"	13.83	54.11	2.337	20.68	11.43	225.1	14.03	17.7	67.6	69.84	-2.238	11.42	9.03	25.884	0	0
"2014-03-17	23:00:00"	8.04	53.37	0.507	16.51	5.893	203.7	16.96	15.31	62.78	65.25	-2.471	13.21	10.56	25.881	0	0
"2014-03-18	00:00:00"	9.38	51.67	2.112	15.91	6.931	202.9	11.14	12.33	59.9	61.51	-1.602	14	11.91	25.865	0	0
"2014-03-18	01:00:00"	7.422	51.68	0.54	13.52	5.496	174.7	18.87	10.54	57.83	59.43	-1.603	15.63	13.23	25.857	0	0
"2014-03-18	02:00:00"	6.197	51.05	0.959	11.74	4.299	181.2	17.51	11.14	55.82	55.96	-0.147	16.76	15.2	25.869	0	0
"2014-03-18	03:00:00"	7.597	53.16	0.249	11.74	5.717	203.8	12.04	9.35	55.05	56.37	-1.317	17.46	15.49	25.872	0	0
"2014-03-18	04:00:00"	7.48	53.1	0.359	11.74	5.393	198	10.15	9.35	53.89	55.44	-1.553	18.56	16.26	25.868	0	0
"2014-03-18	05:00:00"	9.43	53.06	0.981	14.12	7.334	208.4	14.81	12.93	53.75	55.49	-1.74	19.45	17.17	25.863	0	0
"2014-03-18	06:00:00"	9.52	56.29	1.396	15.31	7.523	237.3	14.58	12.33	53.4	55.54	-2.145	20.1	17.44	25.87	0	0
"2014-03-18	07:00:00"	7.237	59.95	10.3	12.33	5.443	217.9	19.49	9.95	51.13	53.3	-2.162	21.31	18.55	25.888	0	0
"2014-03-18	08:00:00"	6.519	58.43	0.903	9.95	4.403	230.7	20.01	7.561	51.18	51.76	-0.579	20.44	18.97	25.911	0.78691	0
"2014-03-18	09:00:00"	7.919	60.07	0.044	11.14	5.475	254.9	8.83	9.95	52.91	53.16	-0.243	18.99	18.07	25.936	77.676	0
"2014-03-18	10:00:00"	13.05	65.4	3.125	27.84	9.98	255.7	11.54	22.47	59.76	61.74	-1.977	15.9	13.92	25.959	251.26	0
"2014-03-18	11:00:00"	20.01	67.94	3.928	30.82	15.72	258.7	13.02	25.45	69.17	70.92	-1.752	11.1	9.05	25.973	493.92	0
"2014-03-18	12:00:00"	24.24	76.79	7.797	36.19	18.71	270.8	12.95	33.21	71.98	74.56	-2.572	10.24	7.876	25.98	670.47	0
"2014-03-18	13:00:00"	24.51	81	7.891	37.38	18.92	276.2	12.48	32.01	72.93	76.54	-3.604	10.04	7.285	25.985	741.66	0
"2014-03-18	14:00:00"	22.18	79.01	7.427	37.98	17.43	274.2	12.76	33.21	73.02	76.95	-3.936	10.23	7.42	25.989	834.28	0
"2014-03-18	15:00:00"	20.74	87.5	16.37	38.57	15.53	288.6	27.52	32.01	75.22	80.1	-4.888	9.21	6.344	25.977	875.39	0
"2014-03-18	16:00:00"	20.23	109.6	12.87	32.61	14.42	320.3	16.8	28.43	74.97	81.9	-6.951	8.66	5.25	25.977	776.62	0
"2014-03-18	17:00:00"	18.74	119.1	15.65	29.63	14.69	336	16.89	24.86	74.28	81	-6.704	7.798	4.677	25.994	669.14	0
"2014-03-18	18:00:00"	19.51	113.7	10.24	29.03	14.55	325.7	12.56	27.24	73.3	79.38	-6.079	6.353	3.451	26.019	467.95	0
"2014-03-18	19:00:00"	18.12	125.5	12.15	25.45	14.49	346.7	14.33	23.07	71.08	75.19	-4.108	4.655	2.372	26.051	251.07	0
"2014-03-18	20:00:00"	16.72	122.5	14.53	25.45	13.21	351.5	14.07	22.47	67.85	70.98	-3.134	3.653	1.554	26.079	73.145	0
"2014-03-18	21:00:00"	13.63	112.6	9.65	20.68	10.45	6.624	17.26	15.91	62.56	65.68	-3.121	4.234	1.983	26.105	0.45811	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-03-18	22:00:00"	11.17	102.7	12.58	15.91	8.39	35.05	14.42	13.52	57.63	60.42	-2.792	7.069	4.603	26.14		0	0	
"2014-03-18	23:00:00"	14.85	134.1	36.91	29.63	11.9	35.75	11.19	25.45	55.11	57.58	-2.476	9.51	7.065	26.181		0	0	
"2014-03-19	00:00:00"	24.23	197.8	18.27	39.77	20.15	43.17	9.05	32.61	52.36	53.89	-1.534	22.04	19.17	26.222		0	0	
"2014-03-19	01:00:00"	26.23	199.8	12.91	36.78	21.86	40.05	9.06	33.8	47.96	49.55	-1.589	28.32	25.13	26.258		0	0	
"2014-03-19	02:00:00"	25.45	197.7	12.2	36.78	21.21	39.44	8.98	33.21	44.33	45.91	-1.579	33.58	30.13	26.284		0	0	
"2014-03-19	03:00:00"	18.14	163.4	29.5	30.22	15.05	38.76	10.15	26.65	42.53	43.63	-1.1	36.61	33.54	26.322		0	0	
"2014-03-19	04:00:00"	15.15	140.7	23.41	23.07	12.51	37.37	10.29	19.49	40.77	41.88	-1.109	38.66	35.4	26.359		0	0	
"2014-03-19	05:00:00"	14.2	126.3	13.71	19.49	11.74	29.99	9.69	18.3	38.82	40.35	-1.523	40.82	36.8	26.372	0.0001		0	
"2014-03-19	06:00:00"	8.57	92	8.9	13.52	6.844	27.84	11.61	11.74	38.5	38.58	-0.078	41.85	38.79	26.402	0.00029		0	
"2014-03-19	07:00:00"	6.852	81.9	0.527	8.75	4.152	343.8	12.81	6.368	34.26	32.26	2.007	45.62	45.85	26.422	0.01296		0	
"2014-03-19	08:00:00"	7.164	81.3	0.442	9.35	4.229	342.5	5.62	6.368	30.96	30.13	0.83	50.79	49.97	26.44	0.53683		0	
"2014-03-19	09:00:00"	8.68	82.3	2.066	11.14	6.251	334.7	8.7	9.95	32.08	34.64	-2.561	51.57	47.24	26.46	64.187		0	
"2014-03-19	10:00:00"	10.85	97.1	10.04	15.91	8.46	356.8	50.47	15.31	37.49	42.5	-5.011	45.88	38.63	26.48	254.58		0	
"2014-03-19	11:00:00"	11.69	108.4	13.56	18.3	8.67	49.1	79.8	18.89	41.96	47.27	-5.312	40.8	33.42	26.491	450.78		0	
"2014-03-19	12:00:00"	5.314	43.87	77.35	23.66	7.799	48.78	28.98	16.51	37.77	47.92	-10.14	31.01	28.35	26.499	615.92	0.11		
"2014-03-19	13:00:00"	5.775	25.25	38.29	12.33	5.274	28.86	45.42	12.33	31.55	19.35	12.2	27.44	23.59	26.498	741.42		0	
"2014-03-19	14:00:00"	5.011	70.67	66.87	12.33	4.391	73.64	70.42	11.14	48.21	49.74	-1.53	27.1	24.37	26.48	882.64		0	
"2014-03-19	15:00:00"	4.828	42.28	57.57	10.54	4.273	47.2	62.89	9.35	51.15	52.76	-1.608	24.05	21.3	26.453	877.6		0	
"2014-03-19	16:00:00"	5.466	34.83	65.52	12.33	4.718	40.75	66.13	11.74	53.58	55.14	-1.562	21.9	19.23	26.425	794.74		0	
"2014-03-19	17:00:00"	4.2	197.9	63.58	8.75	3.737	196.9	64.54	9.95	55.78	56.8	-1.026	20.13	17.85	26.406	679.22		0	
"2014-03-19	18:00:00"	4.203	67.12	66.85	11.14	3.577	68.01	73.17	11.14	56.88	57.95	-1.07	19.35	17.02	26.397	495.83		0	
"2014-03-19	19:00:00"	4.81	118.3	48.09	13.52	4.089	116.4	50.94	12.33	57.5	58.18	-0.683	18.87	16.74	26.395	281.26		0	
"2014-03-19	20:00:00"	6.077	136.5	18.99	11.14	4.73	133	19.74	9.95	57.19	57.25	-0.058	18.97	17.12	26.403	67.618		0	
"2014-03-19	21:00:00"	7.064	122.6	6.965	8.75	3.589	116.6	16.51	5.175	54.92	51.84	3.077	20.1	19.68	26.41	0.6938		0	
"2014-03-19	22:00:00"	8.72	115.2	5.736	10.54	4.236	105.6	10.79	5.175	52.69	48.1	4.593	21.23	21.79	26.425	0		0	
"2014-03-19	23:00:00"	9.23	132.7	8.57	12.93	5.549	130.3	8.58	9.35	49.79	47.68	2.112	23.29	22.9	26.438	0		0	
"2014-03-20	00:00:00"	9.54	148.3	7.887	12.93	7.041	147.5	7.644	10.54	48.75	47.97	0.78	25.24	24.11	26.439	0		0	
"2014-03-20	01:00:00"	9.21	159	8.46	12.33	7.075	156.5	9.12	10.54	47.75	47.03	0.718	26.9	25.83	26.435	0		0	
"2014-03-20	02:00:00"	6.599	187.2	28.14	13.52	4.876	186.2	32.2	9.95	44.98	44.34	0.648	29.03	27.92	26.424	0		0	
"2014-03-20	03:00:00"	3.308	181.5	14.29	6.964	1.644	183.2	25.13	4.578	44.42	43.51	0.915	29.68	28.71	26.415	0		0	
"2014-03-20	04:00:00"	2.255	191.9	20.47	3.982	1.005	194.9	48	1.596	44.65	43.35	1.297	29.78	29.24	26.41	0		0	
"2014-03-20	05:00:00"	3.818	186.5	8.16	6.964	1.947	205.1	76.78	4.578	45.03	42.38	2.654	29.7	30.27	26.397	0		0	
"2014-03-20	06:00:00"	4.252	199.2	13.1	6.368	2.112	189.9	26.81	4.578	44.09	42.65	1.435	30.65	30.15	26.396	0		0	
"2014-03-20	07:00:00"	2.995	210.3	20.52	4.578	1.132	236.1	76.75	2.789	43.5	41.36	2.135	31.47	31.64	26.398	0		0	
"2014-03-20	08:00:00"	3.665	212.9	23.4	5.771	1.855	235.2	54.62	3.982	43.39	41.57	1.816	31.88	31.68	26.4	0.90269		0	
"2014-03-20	09:00:00"	4.135	201.6	9.76	6.368	2.426	199.5	34.79	4.578	43.22	41.78	1.444	32.49	32.03	26.402	75.019		0	
"2014-03-20	10:00:00"	5.459	201.3	16.1	9.95	4.518	199.4	19.81	8.16	46.25	46.57	-0.316	31.3	29.58	26.411	279.4		0	
"2014-03-20	11:00:00"	10.71	186.1	14.13	17.7	8.76	183.9	17.02	14.72	52.92	54.04	-1.115	26.85	24.55	26.413	497.61		0	
"2014-03-20	12:00:00"	12.39	185.8	12.06	18.3	10.22	183.6	15.25	16.51	57.82	59.35	-1.521	23.81	21.18	26.406	687.21		0	
"2014-03-20	13:00:00"	11.67	204.9	15.67	18.3	9.86	202.6	18.2	15.91	62.49	63.98	-1.49	20.22	17.74	26.384	826.46		0	
"2014-03-20	14:00:00"	12.78	200.4	18.17	23.07	10.59	200	20.99	19.49	65.93	67.67	-1.745	17.62	15.11	26.357	887.86		0	
"2014-03-20	15:00:00"	13.81	201.6	20.34	23.07	11.43	200.6	22.37	18.89	68.65	70.46	-1.807	14.89	12.45	26.324	900.39		0	
"2014-03-20	16:00:00"	14.03	199.9	15.63	24.26	11.64	198.9	17.55	20.68	70.81	72.6	-1.787	12.49	10.13	26.288	814.27		0	
"2014-03-20	17:00:00"	14.35	201.7	21.33	23.07	11.82	201.4	24.26	21.87	72.58	74.06	-1.482	11.17	8.95	26.254	685.08		0	
"2014-03-20	18:00:00"	13.18	196.2	16.16	22.47	10.81	194.8	18.08	19.49	73.49	74.54	-1.05	10.17	8.08	26.225	464.73		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-03-20	19:00:00"	14.67	187.2	12.1	23.66	11.69	186.5	15.19	21.87	73.83	74.31	-0.485	10.42	8.47	26.206	262.48		0	
"2014-03-20	20:00:00"	12.12	185.9	8.55	20.09	9.59	185.2	11.65	18.3	72.12	71.75	0.373	10.95	9.27	26.2	45.559		0	
"2014-03-20	21:00:00"	9.46	175.8	8.17	12.93	7.089	171.1	10.15	10.54	68.92	67.72	1.201	11.89	10.62	26.195	0.37128		0	
"2014-03-20	22:00:00"	13.05	168.3	8.2	19.49	10.3	165.3	9.25	17.7	65.74	65.02	0.717	14.41	12.97	26.199	0		0	
"2014-03-20	23:00:00"	12.88	167.7	7.927	19.49	10.14	165.3	9.1	15.91	62.98	62.32	0.663	18.23	16.82	26.205	0		0	
"2014-03-21	00:00:00"	13.82	165.9	9.11	21.28	11.1	163.2	9.93	18.3	61.71	61.19	0.516	22.48	21.06	26.192	0		0	
"2014-03-21	01:00:00"	15.72	172.7	7.635	21.87	12.63	170.4	9.43	18.89	61.06	60.69	0.372	26.89	25.46	26.186	0		0	
"2014-03-21	02:00:00"	12.94	185.1	9.33	21.87	10.28	185.5	12.54	16.51	59.54	59.27	0.276	31.73	30.3	26.177	0		0	
"2014-03-21	03:00:00"	12.06	188.2	8.61	18.3	9.54	188.8	11.4	16.51	58.35	58.03	0.314	37.21	35.91	26.169	0		0	
"2014-03-21	04:00:00"	9.33	192.8	7.688	12.93	7.135	194.5	11.04	10.54	55.96	55.48	0.481	43.83	42.52	26.161	0		0	
"2014-03-21	05:00:00"	8.59	191.6	7.903	12.33	6.452	193.3	11.32	10.54	54.02	53.49	0.524	50.23	49.09	26.142	0		0	
"2014-03-21	06:00:00"	6.788	208.4	14.42	11.14	5.249	208.5	15.56	8.75	52.66	52.31	0.341	54.41	53.05	26.133	0		0	
"2014-03-21	07:00:00"	5.931	232.2	12.15	8.75	4.447	237.4	15.26	6.964	52.52	51.97	0.553	56.2	55.1	26.138	0		0	
"2014-03-21	08:00:00"	6.517	221.5	11.64	9.95	5.077	220.4	13.37	7.561	51.87	51.46	0.409	58.34	57.12	26.142	0.33904		0	
"2014-03-21	09:00:00"	6.547	235	15	9.35	5.218	237.8	17.02	8.16	51.79	51.65	0.138	61.43	59.86	26.155	34.616		0	
"2014-03-21	10:00:00"	7.336	228.2	14.77	12.93	6.171	231	17.65	11.74	53.88	54.15	-0.264	63.17	61.19	26.163	207.62		0	
"2014-03-21	11:00:00"	9.42	222.2	16.28	15.31	8.05	222.7	20.04	13.52	59.49	60.18	-0.691	53.37	50.66	26.172	471.5		0	
"2014-03-21	12:00:00"	8.53	243.5	15.06	12.93	7.36	246.5	18.13	11.14	65.82	66.82	-1.004	36.02	33.53	26.181	640		0	
"2014-03-21	13:00:00"	9.01	273.3	21.03	14.72	6.972	274.9	23.19	12.93	71.86	73.72	-1.858	18.81	16.43	26.176	835.27		0	
"2014-03-21	14:00:00"	9.42	295.7	20.74	17.1	6.847	297.9	22.64	14.12	75.33	77.44	-2.115	11.58	9.3	26.163	860.26		0	
"2014-03-21	15:00:00"	10.28	259	27.81	23.07	8.42	262.3	31.03	20.09	77.05	78.85	-1.796	9.94	7.781	26.145	924.59		0	
"2014-03-21	16:00:00"	11.03	283.2	33.29	21.87	8.09	285.7	35.53	19.49	77.98	79.75	-1.771	8.9	6.745	26.125	701.2		0	
"2014-03-21	17:00:00"	11.76	270.7	19.97	23.07	9.05	272.9	21.89	18.3	78.55	80.2	-1.668	8.79	6.678	26.112	652.93		0	
"2014-03-21	18:00:00"	10.41	276.9	28.34	23.07	7.831	280.4	28.37	17.7	78.56	79.67	-1.106	8.17	6.146	26.099	347.38		0	
"2014-03-21	19:00:00"	6.797	290.5	35.39	15.31	5.347	293.3	35.39	15.31	78.34	78.85	-0.513	8.33	6.418	26.102	190.47		0	
"2014-03-21	20:00:00"	6.591	261.2	10.42	11.74	4.988	265.1	11.44	9.35	77.44	76.87	0.566	8.08	6.461	26.114	41.564		0	
"2014-03-21	21:00:00"	5.87	297.2	11.48	8.16	3.546	314.7	13.77	5.771	75.03	71.39	3.646	8.34	7.863	26.131	0.33099		0	
"2014-03-21	22:00:00"	5.729	324.1	12.88	9.35	4.356	339.5	16.66	6.964	74.29	69.99	4.301	8.69	8.63	26.153	0		0	
"2014-03-21	23:00:00"	17.28	70.45	12.42	28.43	13.29	70.51	13.28	22.47	65.32	64.63	0.692	18.08	16.64	26.201	0		0	
"2014-03-22	00:00:00"	16.62	68.97	7.169	23.66	12.91	69.75	9.21	19.49	61.22	61.06	0.167	22.74	21.04	26.219	0		0	
"2014-03-22	01:00:00"	17.88	69.79	7.238	25.45	13.8	70.45	8.67	21.28	57.63	57.51	0.126	25.68	24.01	26.231	0		0	
"2014-03-22	02:00:00"	15.68	61.24	13.19	25.45	12.2	61.19	14.8	22.47	54.78	54.63	0.152	28.04	26.46	26.235	0		0	
"2014-03-22	03:00:00"	16.93	65.69	11.57	30.22	12.88	66.21	13.11	22.47	52.6	52.4	0.2	29.7	28.18	26.242	0		0	
"2014-03-22	04:00:00"	15.22	45.28	9.69	22.47	12.32	45.59	10.93	19.49	49.3	49.04	0.264	32.56	31.15	26.245	0		0	
"2014-03-22	05:00:00"	16.58	40.54	6.892	23.66	13.69	41.2	8.15	20.68	47.51	47.27	0.249	37.88	36.53	26.25	0		0	
"2014-03-22	06:00:00"	15.8	27.94	6.232	21.87	12.87	27.82	10.09	18.89	45.06	44.84	0.223	41.34	39.8	26.258	0		0	
"2014-03-22	07:00:00"	16.95	26.69	7.577	26.65	13.74	26.31	11.06	23.07	44.5	44.28	0.222	41.55	40.08	26.272	0		0	
"2014-03-22	08:00:00"	14.95	19.27	6.555	18.89	11.94	16.49	12.28	17.7	42.38	42.19	0.187	42.89	41.39	26.298	0.66633		0	
"2014-03-22	09:00:00"	14.19	15.08	6.789	20.09	11.39	11.84	12.48	17.1	41.33	41.39	-0.055	43.29	41.55	26.328	59.236		0	
"2014-03-22	10:00:00"	15.3	23.22	7.373	21.28	12.68	22.58	11.71	19.49	43.67	44.22	-0.557	38.61	36.58	26.354	173.62		0	
"2014-03-22	11:00:00"	15.7	41.95	10.97	21.87	13.23	43.05	12.28	20.68	46.19	47.35	-1.163	35.98	33.33	26.366	388.39		0	
"2014-03-22	12:00:00"	12.06	54.26	14.34	18.89	10.18	55.44	16.14	17.1	48.96	50.49	-1.526	34.52	31.5	26.371	580.54		0	
"2014-03-22	13:00:00"	8.74	62.99	21.71	17.1	7.402	64.12	23.53	15.31	51.39	52.85	-1.465	33.56	30.62	26.358	575.67		0	
"2014-03-22	14:00:00"	4.902	83.2	46.86	11.14	4.136	81.6	47.74	10.54	53.62	54.52	-0.909	32.66	30.25	26.342	450.08		0	
"2014-03-22	15:00:00"	3.964	171.5	59.32	8.75	3.493	174.3	64.09	8.16	55.6	56.47	-0.868	31.42	29.14	26.321	581.9		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-22	16:00:00"	3.727	92.5	75.91	9.35	3.368	83.2	79.86	8.16	57.79	58.81	-1.027	29.53	27.12	26.289	541.59	0	
"2014-03-22	17:00:00"	4.622	165.1	71.78	13.52	3.961	165.4	74.4	11.74	60.97	62.31	-1.341	26.4	23.86	26.263	600.85	0	
"2014-03-22	18:00:00"	6.084	134.8	35.75	13.52	5.204	137.7	39.24	11.74	63.58	64.63	-1.047	24	21.63	26.249	470.9	0	
"2014-03-22	19:00:00"	7.611	128.2	21.02	14.12	6.421	129.2	21.16	12.33	65.5	66.3	-0.795	22.5	20.24	26.242	311.35	0	
"2014-03-22	20:00:00"	6.741	113.9	14.25	10.54	5.246	113.3	16.6	9.35	65.62	65.51	0.108	22.06	20.29	26.251	76.175	0	
"2014-03-22	21:00:00"	9.49	100.3	8.46	11.74	5.761	95.9	11.82	8.16	60.4	58.28	2.123	26.09	25.6	26.261	1.0191	0	
"2014-03-22	22:00:00"	10.33	120.5	7.927	15.31	7.377	119.9	9.82	10.54	56.04	55.19	0.843	32.15	31.11	26.289	0	0	
"2014-03-22	23:00:00"	10	118.5	7.182	13.52	6.924	117.5	9.69	10.54	53.62	52.69	0.927	35.93	35.08	26.304	0	0	
"2014-03-23	00:00:00"	9.66	102	9.92	12.93	6.557	97.3	12.37	9.95	51.32	50.33	0.984	40.42	39.6	26.314	0	0	
"2014-03-23	01:00:00"	9.37	76.38	10.09	14.72	6.265	72.25	11.91	9.35	47.01	46.35	0.664	47.19	46.09	26.326	0	0	
"2014-03-23	02:00:00"	13.35	75.52	7.575	19.49	9.99	74.49	8.71	17.1	44.98	44.78	0.201	54.25	52.8	26.345	0	0	
"2014-03-23	03:00:00"	15.97	70.28	6.868	22.47	12.32	70.75	8.83	18.89	43.13	43.07	0.058	59.71	58.2	26.37	0	0	
"2014-03-23	04:00:00"	19.99	60.7	8.37	33.21	15.3	62.81	10.26	27.84	40.93	40.9	0.029	62.84	61.34	26.402	0	0	
"2014-03-23	05:00:00"	21.28	55.44	7.878	30.82	16.52	57.23	9.89	25.45	39	38.98	0.022	62.91	61.4	26.42	0	0	
"2014-03-23	06:00:00"	19.87	54.78	7.493	27.24	15.51	56.33	9.32	24.26	37.53	37.5	0.035	57.29	55.76	26.441	0	0	
"2014-03-23	07:00:00"	20.32	49.29	7.845	30.82	16.47	50.11	9.08	27.24	36.76	36.67	0.082	53.26	51.81	26.473	0	0	
"2014-03-23	08:00:00"	21.55	38.93	8.36	33.21	17.89	39.24	9.95	30.22	34.23	34.16	0.063	47.47	45.88	26.531	1.1568	0	
"2014-03-23	09:00:00"	18.4	33	6.933	27.24	15.42	33.44	9.21	24.86	31.22	31.55	-0.321	39.99	38.18	26.558	72.257	0	
"2014-03-23	10:00:00"	18.34	37.26	8.37	25.45	15.41	37.81	10.59	23.66	32.08	32.8	-0.721	37.53	35.34	26.568	109.29	0	
"2014-03-23	11:00:00"	15.63	39.19	8.51	21.28	13.31	39.48	10.3	20.68	34.02	34.86	-0.834	36.44	34.08	26.584	141.28	0	
"2014-03-23	12:00:00"	13.58	42.71	10.02	20.09	11.57	43.41	11.65	17.7	36.63	37.62	-0.99	35.79	33.3	26.597	208.19	0	
"2014-03-23	13:00:00"	10.76	51.45	18.01	18.3	9.01	52.75	19.47	15.91	39.17	40.51	-1.345	34.31	31.52	26.593	397.28	0	
"2014-03-23	14:00:00"	9.56	58.26	20.35	15.31	8.15	58.83	22.17	14.72	42.42	44.09	-1.674	31.77	28.74	26.566	657.29	0	
"2014-03-23	15:00:00"	8.81	85	31.63	17.7	7.482	84.9	33.94	15.31	45.77	47.49	-1.724	30.33	27.26	26.529	874.3	0	
"2014-03-23	16:00:00"	7.075	100.9	52.5	12.93	6.092	101.3	52.91	12.93	48.79	50.38	-1.587	29.64	26.67	26.494	811.91	0	
"2014-03-23	17:00:00"	5.616	154.1	50.8	12.33	5.009	154.3	54.95	12.33	51.38	52.65	-1.271	29.1	26.47	26.464	691.91	0	
"2014-03-23	18:00:00"	5.797	118	40.68	15.91	4.953	120.3	42.22	14.12	52.55	53.68	-1.139	29.73	27.11	26.434	512.04	0	
"2014-03-23	19:00:00"	5.866	118.3	32.64	12.33	4.992	116.8	35.04	9.95	53.23	53.97	-0.731	29.96	27.63	26.424	283.11	0	
"2014-03-23	20:00:00"	7.097	148.8	15.74	10.54	5.912	147.3	16.74	9.35	52.88	53.16	-0.281	30.29	28.29	26.428	52.497	0	
"2014-03-23	21:00:00"	7.374	139	6.651	10.54	5.379	136.3	7.442	8.75	50.12	49.77	0.345	32.08	30.53	26.43	0.6082	0	
"2014-03-23	22:00:00"	7.87	144.8	8.04	9.95	5.795	142.6	8.3	8.16	47.96	47.48	0.478	34.3	33.06	26.44	0	0	
"2014-03-23	23:00:00"	7.732	135.5	7.209	9.95	4.673	127.3	10.02	6.964	46.33	44.86	1.476	35.44	34.93	26.429	0	0	
"2014-03-24	00:00:00"	8.88	149.4	12	12.93	6.709	146.3	12.58	10.54	44.46	43.91	0.553	35.34	34.4	26.423	0	0	
"2014-03-24	01:00:00"	8.39	162.9	9.79	12.33	6.586	160.6	10.85	11.14	42.58	42.23	0.354	36.16	35	26.417	0	0	
"2014-03-24	02:00:00"	6.818	185.6	16.23	13.52	5.222	185.8	19.45	10.54	40.62	40.29	0.33	38.01	36.83	26.403	0	0	
"2014-03-24	03:00:00"	3.407	203.2	13.58	5.175	2.134	192.1	17.4	3.982	39.45	39	0.453	39.44	38.42	26.382	0	0	
"2014-03-24	04:00:00"	5.241	197.6	10.03	10.54	3.467	204	15.24	7.561	40.1	39.42	0.679	40.12	39.03	26.372	0	0	
"2014-03-24	05:00:00"	6.779	191	8.2	11.14	5.108	193.7	11.33	8.16	38.52	38.29	0.231	46.61	44.83	26.35	0	0	
"2014-03-24	06:00:00"	5.884	205.3	20.86	12.33	4.308	212.2	24.46	8.75	37.57	37.24	0.335	50.97	49.4	26.336	0	0	
"2014-03-24	07:00:00"	5.305	214.7	16.19	8.75	3.927	217.2	25.35	6.964	37.56	37.18	0.387	53.04	51.57	26.339	0	0	
"2014-03-24	08:00:00"	3.012	226.3	64.61	4.578	2.252	189.7	77.46	5.175	37.46	35.52	1.946	55	54.25	26.344	0.941	0	
"2014-03-24	09:00:00"	2.762	277.4	35.02	5.175	2.326	308.1	38.12	4.578	38.41	35.88	2.53	57.32	57.1	26.358	87.112	0	
"2014-03-24	10:00:00"	6.269	221.8	19.14	10.54	5.314	222.6	23.09	9.35	41.87	42.41	-0.535	56.95	54.54	26.372	302.29	0	
"2014-03-24	11:00:00"	6.426	225.5	18.63	10.54	5.702	226.2	22.14	9.35	45.8	46.71	-0.912	54.05	51.05	26.373	512.2	0	
"2014-03-24	12:00:00"	6.368	242.7	20.03	12.33	5.542	243.3	24.55	10.54	50.46	51.75	-1.292	45.44	42	26.367	694.62	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-24	13:00:00"	6.878	246.3	30.54	15.91	5.812	247.8	32.22	14.72	55.87	57.44	-1.567	38.52	35.45	26.352	827.24	0
"2014-03-24	14:00:00"	7.527	283.2	24.68	14.12	5.835	284.1	27.46	12.93	62.66	64.62	-1.952	28.79	25.74	26.333	901.09	0
"2014-03-24	15:00:00"	7.405	270.7	27.94	14.72	5.92	271	30.18	12.93	68.86	70.79	-1.927	20.43	17.77	26.301	893.89	0
"2014-03-24	16:00:00"	11.84	348.8	32.39	25.45	9.73	346.6	35.39	21.28	73.49	75.96	-2.467	11.74	9.3	26.274	851.98	0
"2014-03-24	17:00:00"	13.75	343.2	22.16	27.84	11.21	341.3	23.05	24.86	74.68	77.03	-2.351	9.77	7.419	26.26	740.25	0
"2014-03-24	18:00:00"	11.72	314.3	19.63	22.47	8.51	315.7	20.05	18.3	74.54	76.11	-1.578	9.02	6.878	26.257	432.92	0
"2014-03-24	19:00:00"	11.98	342.9	26.06	21.87	9.15	340.4	26.32	17.7	74.51	75.51	-0.996	7.494	5.512	26.264	310.24	0
"2014-03-24	20:00:00"	10.94	55.74	30.04	17.7	8.46	54.79	31.15	15.31	71.71	71.43	0.278	10.97	9.2	26.288	69.679	0
"2014-03-24	21:00:00"	11.68	72.6	10.95	19.49	8.33	72.95	11.61	15.31	64.73	63.92	0.804	16.51	15.06	26.312	0.91468	0
"2014-03-24	22:00:00"	15.71	79.14	6.866	24.26	11.91	77.31	8.5	20.09	61.77	61.28	0.482	18.79	17.27	26.344	0	0
"2014-03-24	23:00:00"	16.15	81.6	6.638	24.86	12.1	79.33	8.84	20.68	57.61	57.2	0.413	24.29	22.77	26.378	0	0
"2014-03-25	00:00:00"	16.52	78.67	6.586	24.86	12.63	77.02	8.38	18.89	54.41	54.11	0.303	27.89	26.4	26.397	0	0
"2014-03-25	01:00:00"	15.7	71.59	8.07	21.87	12.15	71.89	9.1	19.49	50.9	50.66	0.237	30.56	29.08	26.413	0	0
"2014-03-25	02:00:00"	16.98	64.96	7.222	24.86	13.02	66.88	9.22	21.87	47.91	47.74	0.175	33.06	31.58	26.421	0	0
"2014-03-25	03:00:00"	16.74	62.45	7.55	23.66	12.67	64.89	9.36	19.49	45.22	45.07	0.144	35.57	34.11	26.427	0	0
"2014-03-25	04:00:00"	13.18	56.39	8.21	20.09	10.13	57.75	9.89	16.51	42.32	42.16	0.163	38.56	37.15	26.44	0	0
"2014-03-25	05:00:00"	13.86	50.99	8.06	20.09	11.11	51.94	9.33	17.7	40.31	40.16	0.142	40.95	39.35	26.448	0	0
"2014-03-25	06:00:00"	14.42	50.83	7.285	20.68	11.68	52.04	8.55	18.89	38.43	38.3	0.126	43.46	41.81	26.454	0	0
"2014-03-25	07:00:00"	13.97	51.71	7.052	19.49	11.12	52.59	7.986	17.7	36.71	36.61	0.107	45.98	44.32	26.462	0	0
"2014-03-25	08:00:00"	13.59	52.06	7.558	19.49	10.85	52.9	8.94	15.91	35.33	35.28	0.047	49.32	47.61	26.482	1.6882	0
"2014-03-25	09:00:00"	14.37	49.24	8.89	20.09	11.84	50.09	10.32	18.89	36.19	36.41	-0.217	51.32	49.31	26.505	89.155	0
"2014-03-25	10:00:00"	17.59	67.5	9.17	25.45	13.84	68.66	10.28	21.87	39.28	39.79	-0.506	49.38	46.85	26.52	178.75	0
"2014-03-25	11:00:00"	18.46	77.01	7.764	26.05	14.36	75.75	9.45	21.28	40.98	41.65	-0.666	47.45	44.64	26.528	208.13	0
"2014-03-25	12:00:00"	18.06	83.7	8.87	26.65	14.17	82.2	10.74	21.28	42.53	43.4	-0.872	45	41.84	26.532	233.78	0
"2014-03-25	13:00:00"	15.22	90.8	9.66	21.87	12.3	90.3	10.94	18.3	44.59	45.63	-1.039	42.11	38.93	26.522	278.52	0
"2014-03-25	14:00:00"	14.83	102.9	11.08	19.49	12.22	102.9	13.15	17.1	46.83	48.16	-1.325	41.56	38.15	26.495	375.78	0
"2014-03-25	15:00:00"	13.63	104.6	16.81	21.87	11.45	104.2	17.97	18.89	51.29	53.08	-1.79	41.06	37.3	26.455	785.04	0
"2014-03-25	16:00:00"	17.08	140.7	15.42	29.03	14.05	139.1	15.6	25.45	57.4	59.51	-2.107	40.92	36.81	26.404	795.77	0
"2014-03-25	17:00:00"	17.07	140.5	15.32	27.84	14.07	139.3	16.45	23.66	59.8	61.72	-1.92	37.98	34.37	26.363	674.08	0
"2014-03-25	18:00:00"	18.05	148.6	14.82	27.24	14.89	146.8	15.01	24.26	63.15	64.41	-1.263	33.17	30.35	26.327	491.5	0
"2014-03-25	19:00:00"	19.45	143.9	11.89	33.21	15.72	141.8	12.22	26.65	63.95	64.68	-0.732	31.54	29.2	26.298	284.16	0
"2014-03-25	20:00:00"	19.08	140.3	10.56	27.84	15.39	138.8	10.37	23.66	62.83	62.88	-0.046	34.17	32.41	26.283	65.805	0
"2014-03-25	21:00:00"	13.83	145.5	9.02	21.28	11.1	143.3	9.23	17.7	60.06	59.69	0.365	39.06	37.77	26.29	0.73885	0
"2014-03-25	22:00:00"	9.65	140.8	8.18	14.12	7.461	138.9	8.45	12.93	57.67	57.29	0.383	40.33	39.13	26.301	0	0
"2014-03-25	23:00:00"	11.98	144.8	17.86	19.49	9.53	142.7	17.5	16.51	57.89	57.66	0.229	38.22	37.02	26.311	0	0
"2014-03-26	00:00:00"	17.99	159.4	20.75	30.22	14.53	157.1	20.69	26.05	52.75	52.91	-0.155	69.75	69.18	26.318	0.84655	0.04
"2014-03-26	01:00:00"	8.78	136	12.95	13.52	6.861	134.5	12.54	11.14	51.04	50.84	0.197	75.74	76.87	26.296	0.56331	0
"2014-03-26	02:00:00"	9.18	150.6	10.61	14.72	7.524	147.9	10.72	12.33	50.54	50.4	0.145	72.03	72.6	26.272	0.25524	0
"2014-03-26	03:00:00"	8.83	137.6	16.54	13.52	6.976	136.3	16.65	11.14	49.59	49.36	0.234	71.31	72.28	26.234	0	0
"2014-03-26	04:00:00"	12.84	151.9	27.13	23.07	10.25	150	27.65	19.49	49.25	49.06	0.193	71.52	71.91	26.194	0	0
"2014-03-26	05:00:00"	10.95	176.3	22.13	18.89	8.79	175.4	24.12	16.51	48.49	48.33	0.154	77.05	76.9	26.176	0.0281	0.01
"2014-03-26	06:00:00"	7.087	246.7	25.81	13.52	5.666	250.3	27.63	11.74	48.02	47.84	0.188	81.5	81.5	26.191	0.40019	0.01
"2014-03-26	07:00:00"	3.915	349.6	38.42	6.368	2.873	3.925	36.75	4.578	47.12	45.46	1.658	82.5	84.7	26.185	1.0032	0
"2014-03-26	08:00:00"	5.614	2.775	14.03	8.16	3.998	1.354	15.21	6.368	47.06	46.7	0.362	84.5	86.2	26.209	1.1376	0
"2014-03-26	09:00:00"	6.469	87.3	35.65	14.12	4.995	88.4	35.29	11.14	48.27	48.2	0.063	82.7	83.2	26.208	13.284	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-26	10:00:00"	13.06	146.6	12.12	25.45	10.79	145	12.04	23.07	49.23	49.4	-0.179	79.21	79.1	26.19	105.65	0
"2014-03-26	11:00:00"	17.3	166.5	11.92	25.45	14.23	164	13.52	22.47	50.78	51.45	-0.674	70.57	69.98	26.176	482.1	0
"2014-03-26	12:00:00"	16.32	177.9	9.55	23.07	13.27	175.6	12.47	19.49	53.71	55.07	-1.358	67.15	64.94	26.169	694.25	0
"2014-03-26	13:00:00"	15.28	200.2	16.2	24.26	12.67	199.3	18.84	22.47	58.54	59.97	-1.435	59.66	56.42	26.153	828.72	0
"2014-03-26	14:00:00"	15.43	215.6	17.07	25.45	12.85	214.8	19.75	20.68	63.53	64.86	-1.327	48.03	44.79	26.126	901.16	0
"2014-03-26	15:00:00"	16.96	235.3	16.6	30.22	14.19	237.1	20.08	26.65	68.91	70.17	-1.256	33.48	31.04	26.086	818.7	0
"2014-03-26	16:00:00"	17.83	235	17.03	30.82	14.96	235.8	19.91	27.24	72.18	73.45	-1.267	25.68	23.33	26.051	790.61	0
"2014-03-26	17:00:00"	19.38	237.7	17.75	32.01	15.93	239	21.68	26.05	73.83	74.86	-1.037	19.39	17.28	26.022	679.46	0
"2014-03-26	18:00:00"	18.61	227.8	15.46	30.82	15.53	228	18.34	29.03	74.59	75.18	-0.592	16.6	14.67	25.999	474.38	0
"2014-03-26	19:00:00"	19.58	231.7	14.86	32.61	16.3	231.2	17.43	27.84	74.64	74.83	-0.197	14.23	12.45	25.986	252.72	0
"2014-03-26	20:00:00"	15.51	235.7	13.71	29.03	12.94	236.4	16.01	26.65	73.95	73.83	0.122	13.97	12.33	25.989	73.548	0
"2014-03-26	21:00:00"	11.52	228.8	12.33	21.87	9.67	225.6	14.58	18.89	70.48	70.1	0.385	14.7	13.19	26.003	1.1366	0
"2014-03-26	22:00:00"	8.08	216	19.85	18.3	6.177	212.1	21.17	15.91	66.42	65.66	0.756	15.64	14.45	26.017	0	0
"2014-03-26	23:00:00"	16.84	169.8	8.79	26.65	13.66	167.3	10.5	23.07	57.85	57.65	0.195	62.17	60.92	26.019	0	0
"2014-03-27	00:00:00"	16.1	181.9	8.59	27.24	12.99	180.6	11.83	21.28	52.84	52.86	-0.016	82.2	81.4	26.027	0	0
"2014-03-27	01:00:00"	15.1	185.4	9.23	26.65	12.18	185.9	13.45	22.47	52.05	52.26	-0.215	86.2	85	26.031	0	0
"2014-03-27	02:00:00"	17.44	186.7	9.18	26.65	14.03	187	12.73	23.07	52.26	52.47	-0.213	86.4	84.9	26.022	0	0
"2014-03-27	03:00:00"	17.74	192.8	8.55	26.05	14.05	194.9	11.67	24.26	52.34	52.53	-0.185	86.3	84.9	26.019	0	0
"2014-03-27	04:00:00"	12.48	194.7	9.27	21.28	9.86	197	12.07	19.49	52.04	52.18	-0.133	87	86	26.012	0	0
"2014-03-27	05:00:00"	10.67	204.5	14.14	18.3	8.63	205.5	15.04	15.31	51.37	51.39	-0.018	88.1	87.3	26.001	0	0
"2014-03-27	06:00:00"	9.09	228.8	13.44	15.31	7.686	228.6	15.88	12.93	50.81	50.82	-0.014	88.6	88	26.017	0.16655	0
"2014-03-27	07:00:00"	9.77	232.6	14.2	15.91	8.38	233.1	16.65	15.31	49.79	49.9	-0.111	89.2	88.8	26.037	0.09377	0
"2014-03-27	08:00:00"	8.3	219.9	13.62	14.72	7.061	218.3	16.91	12.33	48.25	48.32	-0.068	89.5	89.1	26.053	2.5835	0
"2014-03-27	09:00:00"	4.748	228.3	25.92	9.95	3.746	225	31.7	8.16	48.34	48.23	0.103	88.7	87.2	26.08	88.493	0
"2014-03-27	10:00:00"	12.61	264.5	18.18	27.84	9.64	265.5	21.9	25.45	59.95	59.97	-0.014	37.03	35.95	26.101	334.71	0
"2014-03-27	11:00:00"	28	278.7	8.61	41.56	20.51	281.4	11.11	34.4	65.65	66.5	-0.847	20.69	18.84	26.099	542.4	0
"2014-03-27	12:00:00"	29.82	275.4	8.67	44.54	22.47	278.6	10.78	36.78	67.56	68.97	-1.413	17.92	15.72	26.102	727.94	0
"2014-03-27	13:00:00"	25.68	266.6	12.98	42.15	19.78	270.2	14.38	37.38	69.75	71.41	-1.666	16.2	13.9	26.1	853.42	0
"2014-03-27	14:00:00"	25.64	263.1	12.59	38.57	20.38	267.4	14.27	35	71.31	73.02	-1.708	14.87	12.55	26.083	923.79	0
"2014-03-27	15:00:00"	27.11	259.5	11.46	43.35	21.83	264.7	13.34	36.78	73.1	74.73	-1.629	13.19	10.92	26.062	898.73	0
"2014-03-27	16:00:00"	28.22	265.5	12.64	42.75	21.98	270.3	14.08	35.59	74.28	75.99	-1.712	12.44	10.16	26.049	848.54	0
"2014-03-27	17:00:00"	28.67	267.2	10.54	45.13	22.49	271.6	11.94	40.96	74.56	76.08	-1.521	12.56	10.32	26.037	714.17	0
"2014-03-27	18:00:00"	26.82	264.7	10.95	42.75	21.42	269.7	11.77	35	74.51	75.51	-0.999	13.2	11.08	26.033	528.51	0
"2014-03-27	19:00:00"	25.05	256.9	10.88	37.98	20.09	261.7	13.56	32.61	74.37	74.86	-0.487	12.62	10.69	26.033	307.68	0
"2014-03-27	20:00:00"	19.11	266	8.27	33.8	15.42	270.5	9.2	30.22	73.43	73.36	0.068	12.65	10.91	26.042	78.995	0
"2014-03-27	21:00:00"	9.54	247.2	13.88	17.1	7.203	249.7	18.95	14.72	69.87	69.17	0.709	14.37	12.97	26.056	1.58	0
"2014-03-27	22:00:00"	5.295	230.7	17.76	8.16	3.513	222.5	24.93	5.771	66.12	64.76	1.361	16.28	15.41	26.076	0	0
"2014-03-27	23:00:00"	7.362	257.7	12.34	14.12	4.874	261.5	15.8	10.54	64.22	62.48	1.74	17.26	16.67	26.088	0	0
"2014-03-28	00:00:00"	11.66	307.5	7.248	17.1	6.461	316.1	10.29	14.12	61.82	58.93	2.886	19.42	19.7	26.083	0	0
"2014-03-28	01:00:00"	6.977	219	33.86	9.95	4.756	212.7	33.71	7.561	59.43	58.01	1.42	22.14	21.53	26.095	0	0
"2014-03-28	02:00:00"	7.18	250.1	16.38	11.14	4.754	249.2	21.74	9.95	62.02	60.39	1.629	20.85	20.26	26.105	0	0
"2014-03-28	03:00:00"	6.932	270.7	11.85	14.12	4.079	278.1	16.45	8.75	61.41	59.76	1.652	21.94	21.55	26.108	0	0
"2014-03-28	04:00:00"	9.49	263.6	9.08	15.91	6.831	265.4	10.49	12.93	63.09	62.05	1.047	21.89	21.01	26.107	0	0
"2014-03-28	05:00:00"	9.77	260	18.16	16.51	6.797	264.4	19.72	12.33	61.8	60.98	0.817	23.65	22.65	26.119	0	0
"2014-03-28	06:00:00"	9.94	286.5	8.11	14.12	5.518	294.4	9.98	10.54	61	59.83	1.169	24.81	24.1	26.135	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-28	07:00:00"	8.04	291	7.95	11.14	3.515	297.7	8.31	6.964	58.05	54.87	3.186	26.83	28.02	26.145	0
"2014-03-28	08:00:00"	9.14	305.1	3.659	11.74	3.55	310.8	5.838	5.771	54.91	48.92	5.992	29.91	34.16	26.162	2.1636
"2014-03-28	09:00:00"	8.68	308.5	5.334	11.14	4.349	311.4	8.65	6.964	53.57	51.55	2.022	31.89	32.95	26.191	111.54
"2014-03-28	10:00:00"	10.04	298.3	7.707	14.72	6.066	300.3	9.81	12.33	58.77	59.48	-0.711	26.73	24.87	26.214	322.9
"2014-03-28	11:00:00"	13.44	302.3	13.3	23.66	8.67	304.2	14.42	18.3	63.44	64.87	-1.426	22.8	20.45	26.225	538.7
"2014-03-28	12:00:00"	15.13	315.6	13.22	24.86	10.72	316.6	14.35	21.28	66.45	68.49	-2.038	20.7	18.03	26.235	724.53
"2014-03-28	13:00:00"	16.63	310.6	14.28	28.43	11.66	312.3	15.9	23.66	68.12	70.66	-2.54	19.34	16.46	26.241	857.72
"2014-03-28	14:00:00"	18.03	301.3	14.71	32.01	11.94	303.3	16.26	21.87	69.14	71.73	-2.589	18.86	15.96	26.241	925.19
"2014-03-28	15:00:00"	19.04	298.2	14.63	30.82	12.56	299.8	15.67	24.26	70.21	72.76	-2.554	17.3	14.47	26.23	907.97
"2014-03-28	16:00:00"	19.28	302.5	16.54	36.19	13	303.8	17.14	25.45	71.24	73.78	-2.54	15.1	12.4	26.223	857.85
"2014-03-28	17:00:00"	18.93	303.6	16.03	30.82	12.58	305.1	17.38	22.47	71.86	74.07	-2.216	13.93	11.38	26.222	722.76
"2014-03-28	18:00:00"	17.63	306.5	14.91	29.03	11.61	308	15.81	21.87	72.1	73.87	-1.774	13.64	11.26	26.227	533.49
"2014-03-28	19:00:00"	16.26	307.9	15.83	28.43	10.83	309.3	16.37	23.07	72.1	73.13	-1.03	13.43	11.32	26.236	304.98
"2014-03-28	20:00:00"	12.42	315.7	10.35	23.07	8.4	317.3	11	18.89	71.07	70.96	0.114	13.55	11.86	26.254	86.074
"2014-03-28	21:00:00"	6.998	322.6	8.43	9.95	3.746	324.2	14.6	5.175	67.98	64.12	3.855	14.91	15.03	26.276	1.6606
"2014-03-28	22:00:00"	7.393	349.2	28.54	9.95	4.717	356.8	15.22	6.964	67.99	59.01	8.97	14.68	17.95	26.306	0
"2014-03-28	23:00:00"	5.481	16.68	13.76	6.964	4.38	25.34	6.898	5.175	66.34	58.56	7.785	15.36	18.18	26.329	0
"2014-03-29	00:00:00"	3.626	79.83	20.37	6.368	2.875	49.01	24.66	4.578	65.75	59.42	6.334	15.79	17.65	26.348	0
"2014-03-29	01:00:00"	15.12	70.8	7.057	24.26	11.31	69.43	9.59	19.49	55.21	53.91	1.294	35.76	34.81	26.386	0
"2014-03-29	02:00:00"	12.36	75.12	6.666	16.51	9.13	74.1	8.4	12.93	50.85	50.53	0.315	45.82	44.31	26.402	0
"2014-03-29	03:00:00"	11.86	71.61	7.639	16.51	8.82	71.39	8.84	12.93	48.33	48.05	0.277	49.76	48.35	26.412	0
"2014-03-29	04:00:00"	12.09	62.83	8.21	18.89	8.93	63.93	10.04	14.72	45.91	45.69	0.222	53.38	51.96	26.419	0
"2014-03-29	05:00:00"	11.83	60.3	7.091	15.91	8.44	60.95	9.31	12.33	42.94	42.74	0.191	57.93	56.52	26.427	0
"2014-03-29	06:00:00"	11.51	58.43	7.66	14.72	8.37	59.5	9.42	12.33	41.12	40.94	0.18	61.05	59.68	26.442	0
"2014-03-29	07:00:00"	12.54	52.6	7.259	16.51	9.64	53.76	8.86	14.72	40.87	40.65	0.224	62.27	61.05	26.464	0
"2014-03-29	08:00:00"	11.58	48.05	7.647	15.91	9.25	48.4	9.23	13.52	40.32	40.04	0.28	63.1	62.01	26.49	4.2674
"2014-03-29	09:00:00"	7.297	28.94	10.54	12.93	6.112	26.35	15.15	10.54	40.66	40.9	-0.235	62.84	60.97	26.531	115.18
"2014-03-29	10:00:00"	8.54	54.56	21.21	13.52	7.321	54.59	21.95	11.14	45.95	46.73	-0.779	51.57	48.78	26.559	323.29
"2014-03-29	11:00:00"	10.34	103.6	14.62	15.91	8.63	103.6	16.93	12.93	51.35	52.46	-1.11	38.4	35.72	26.573	540.48
"2014-03-29	12:00:00"	12.35	131.3	15.89	17.7	10.36	131.7	16.33	16.51	55.37	56.98	-1.615	33.67	30.63	26.573	724.55
"2014-03-29	13:00:00"	13.98	135.6	15.45	26.05	11.63	135.2	15.5	21.87	59.19	61.17	-1.978	31.58	28.25	26.558	851.68
"2014-03-29	14:00:00"	14.17	150.3	18.21	22.47	11.91	148.5	18.87	19.49	62	64.07	-2.07	28.52	25.27	26.532	916.45
"2014-03-29	15:00:00"	12.79	152	20.11	24.26	10.84	150.6	21.21	19.49	63.97	65.95	-1.973	27.24	24.11	26.495	884.56
"2014-03-29	16:00:00"	13.07	159.2	20.25	23.66	11.04	157.3	21.36	21.87	66.32	68.3	-1.989	24.88	21.82	26.455	833.61
"2014-03-29	17:00:00"	14.74	164.1	17.76	23.07	12.19	162.7	19.59	20.09	68.38	70.25	-1.865	22.45	19.55	26.413	717.18
"2014-03-29	18:00:00"	14.93	166	16.31	25.45	12.37	164.2	17.1	20.68	69.53	70.94	-1.404	20.7	18.14	26.388	512.53
"2014-03-29	19:00:00"	15.77	171.6	12.34	25.45	12.78	169.7	14.63	21.28	69.76	70.53	-0.772	20.44	18.2	26.379	269.54
"2014-03-29	20:00:00"	14.35	171.2	9.49	21.28	11.63	168.6	10.66	18.89	69.1	69.07	0.026	21.26	19.47	26.373	76.2
"2014-03-29	21:00:00"	10.2	167.8	8.96	15.91	7.913	164.3	9.72	13.52	65.76	65.22	0.545	23.57	22.16	26.376	1.6321
"2014-03-29	22:00:00"	10.08	157.2	9.22	14.72	7.868	154.9	9.94	12.93	62.99	62.26	0.729	26.01	24.82	26.382	0
"2014-03-29	23:00:00"	10.93	150.8	7.985	14.72	8.49	148	8.19	12.93	60.81	60.16	0.649	28.48	27.33	26.392	0
"2014-03-30	00:00:00"	11.98	148.2	7.161	15.91	9.38	146.6	7.316	12.93	60.02	59.38	0.647	29.82	28.72	26.389	0
"2014-03-30	01:00:00"	10.08	147.4	7.523	15.31	7.737	145.9	7.624	12.93	58.38	57.74	0.639	31.61	30.56	26.386	0
"2014-03-30	02:00:00"	7.385	134.4	18.23	12.33	4.826	121.3	29.87	9.95	55.6	54.1	1.497	34.36	33.99	26.379	0
"2014-03-30	03:00:00"	7.294	120	18.94	10.54	3.872	107	25.01	8.16	53.09	50.71	2.384	37.02	37.62	26.368	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-03-30	04:00:00"	5.8	118.5	14.91	9.35	2.949	94.1	21.8	6.368	50.6	48.61	1.994	38.8	39.05	26.351	0
"2014-03-30	05:00:00"	8.27	148.8	8.54	11.74	5.893	145.2	8.75	9.35	51.92	50.81	1.103	41	40.43	26.329	0
"2014-03-30	06:00:00"	12.16	169.5	8.14	18.3	9.46	167.9	9.55	14.72	53.18	52.56	0.619	43.16	42.23	26.318	0
"2014-03-30	07:00:00"	14.97	172.9	6.766	21.28	11.79	171.2	8.47	17.1	53.89	53.35	0.535	43	42.02	26.309	0
"2014-03-30	08:00:00"	15.55	175.5	6.123	22.47	12.37	172.9	8.25	18.89	53.3	52.85	0.441	45.25	44.17	26.312	3.9931
"2014-03-30	09:00:00"	14.48	178.1	6.759	20.09	11.49	176	9.29	18.3	53.84	53.71	0.131	47.26	45.79	26.316	121.85
"2014-03-30	10:00:00"	19.29	179.7	7.219	26.05	15.51	176.9	9.74	23.07	57.49	57.95	-0.462	44.21	41.83	26.316	332.21
"2014-03-30	11:00:00"	19.28	178.9	7.538	26.65	15.51	176.7	10.45	23.66	61.42	62.51	-1.086	40.14	37.39	26.309	543.01
"2014-03-30	12:00:00"	20.63	179.4	8.99	30.22	16.68	177.1	12.16	26.05	65.33	66.86	-1.528	36.24	33.23	26.288	739.2
"2014-03-30	13:00:00"	19.97	183.2	9.64	29.63	16.22	182	13.72	25.45	68.9	70.52	-1.619	32.59	29.55	26.263	716.2
"2014-03-30	14:00:00"	19.45	184	11.11	30.82	15.72	182.7	14.81	26.05	72.53	74.48	-1.943	29.27	26.15	26.231	906.31
"2014-03-30	15:00:00"	19.8	186.3	14.46	30.82	15.96	184.7	16.4	26.05	75.71	77.77	-2.061	26.52	23.39	26.194	900.48
"2014-03-30	16:00:00"	20.79	181.5	11.55	32.61	16.94	180	14.48	27.84	77.75	79.58	-1.839	25.1	22.13	26.152	825.35
"2014-03-30	17:00:00"	21.04	181.2	9.23	30.82	16.96	179.6	12.67	26.05	78.63	80.1	-1.45	24.87	22.14	26.12	539.32
"2014-03-30	18:00:00"	21.71	169.4	10.94	30.82	17.65	167.2	12.87	27.84	79.42	80.4	-1.019	24.69	22.24	26.096	472.13
"2014-03-30	19:00:00"	22.18	166.7	10.38	32.61	18.21	163.9	11.99	29.03	78.31	78.63	-0.32	26.21	24.21	26.074	190.71
"2014-03-30	20:00:00"	21.31	165.2	9.86	32.61	17.32	162.6	10.99	28.43	76.35	76.28	0.069	28.6	26.91	26.074	57.468
"2014-03-30	21:00:00"	20.09	169.8	7.786	31.42	16.12	167.2	9.33	27.24	73.58	73.25	0.335	31.78	30.37	26.081	1.3625
"2014-03-30	22:00:00"	19.82	174.1	6.699	29.03	15.84	171.4	9.17	24.26	70.93	70.52	0.409	34.34	33.09	26.098	0
"2014-03-30	23:00:00"	22.02	173.5	6.422	32.01	17.63	170.4	8.75	28.43	68.66	68.29	0.372	36.99	35.78	26.104	0
"2014-03-31	00:00:00"	19.53	177.3	6.956	28.43	15.57	174.8	9.23	23.66	66.78	66.43	0.35	38.95	37.77	26.115	0
"2014-03-31	01:00:00"	17.15	181.6	7.439	24.86	13.68	180.3	10.5	21.28	65.31	64.96	0.351	42.53	41.19	26.119	0
"2014-03-31	02:00:00"	14.18	184.3	8.24	22.47	11.27	183.7	11.16	18.3	63.78	63.39	0.393	45.89	44.69	26.12	0
"2014-03-31	03:00:00"	12.15	193.9	13	20.09	9.61	195.1	15.04	15.91	62.56	62.18	0.378	49.53	48.39	26.117	0
"2014-03-31	04:00:00"	10.28	202.9	11.87	17.1	8.18	203.1	12.45	12.93	61.87	61.65	0.22	53.11	51.8	26.117	0
"2014-03-31	05:00:00"	8.56	208.6	14.06	13.52	6.992	207	16.14	11.14	60.99	60.83	0.164	56.89	55.56	26.117	0
"2014-03-31	06:00:00"	6.354	211.7	12.63	9.95	5.088	207.9	14.69	8.16	58.56	58.26	0.299	61.14	60.05	26.123	0
"2014-03-31	07:00:00"	5.676	223.7	12.93	8.16	4.397	220.8	15.36	7.561	57.32	56.8	0.52	63.38	62.62	26.133	0
"2014-03-31	08:00:00"	5.778	198.6	7.379	8.16	3.756	195.8	8.11	6.964	55.12	53.82	1.301	67.98	68.23	26.149	3.1618
"2014-03-31	09:00:00"	6.3	231.1	16.25	10.54	4.854	232.4	21.36	8.75	55.21	54.74	0.471	66.31	65.85	26.173	133.68
"2014-03-31	10:00:00"	7.337	252.8	10.8	11.14	6.033	254.8	13.96	8.75	60.64	61.15	-0.515	47.61	45.7	26.2	351.26
"2014-03-31	11:00:00"	8.01	331.2	50.15	14.12	6.682	330.3	48.11	12.93	67.71	69.09	-1.385	28.48	26.15	26.215	571.91
"2014-03-31	12:00:00"	19.69	298.6	13.4	29.63	12.63	300.4	14.27	26.65	73.76	75.49	-1.73	11.92	9.82	26.215	767.71
"2014-03-31	13:00:00"	19.76	299.1	12.65	29.63	12.26	301.4	13.92	21.87	74.69	76.92	-2.23	9.26	7.106	26.214	901.53
"2014-03-31	14:00:00"	15.12	285.4	18.41	27.84	10.79	287.7	19.22	22.47	75.73	78.15	-2.418	10.35	8.06	26.205	961.42
"2014-03-31	15:00:00"	16.5	255.7	20.95	31.42	13.47	258.5	22.91	27.84	77.76	79.66	-1.908	8.73	6.541	26.184	934.71
"2014-03-31	16:00:00"	15.48	256.4	18.7	29.63	12.44	259.1	20.87	24.26	79.08	81	-1.888	8.69	6.517	26.164	877.03
"2014-03-31	17:00:00"	14.16	221.8	20.02	25.45	12.03	221	22.95	23.66	80.2	81.5	-1.254	9.2	7.068	26.138	733.99
"2014-03-31	18:00:00"	13.92	250.2	29.82	27.24	11.07	252.4	33.32	24.26	80.8	82	-1.154	7.522	5.496	26.127	545.71
"2014-03-31	19:00:00"	15.27	266.8	14	26.65	11.99	269.1	16.15	22.47	80.5	81.2	-0.63	5.348	3.459	26.127	279.22
"2014-03-31	20:00:00"	16.04	275.8	7.285	23.07	11.99	278.9	9.67	20.09	78.56	78.42	0.136	5.615	3.843	26.137	116.85
"2014-03-31	21:00:00"	10.01	284.5	10.39	17.1	6.315	293.8	16.26	14.72	74.23	72.44	1.789	6.75	5.354	26.158	2.853
"2014-03-31	22:00:00"	7.938	247.5	29.63	14.72	5.634	243.8	36.16	12.93	69.59	68.13	1.467	8.9	7.519	26.183	0
"2014-03-31	23:00:00"	6.493	246.3	21.81	11.74	4.538	250	28.67	9.35	67	65.66	1.345	9.66	8.37	26.206	0
"2014-04-01	00:00:00"	7.61	281.1	13.97	12.33	4.828	301.6	25.74	9.35	66.08	62.31	3.772	10.15	9.87	26.206	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-04-01	01:00:00"	7.334	315.4	7.342	9.95	3.412	340	14.43	6.368	65.28	57.5	7.777	10.38	12.11	26.195	0	0
"2014-04-01	02:00:00"	7.69	301.8	40.99	12.93	4.005	294.4	53.83	6.964	64.31	58.53	5.775	10.73	11.78	26.186	0	0
"2014-04-01	03:00:00"	5.433	283.7	25.71	6.964	2.74	294.1	33.94	4.578	66.11	60.22	5.883	10.03	11.17	26.19	0	0
"2014-04-01	04:00:00"	5.624	291.9	6.712	7.561	3.373	323.1	6.57	5.175	67.1	56.16	10.94	10.38	13.29	26.184	0	0
"2014-04-01	05:00:00"	7.146	258.8	46.36	23.07	4.286	263.2	56.33	18.89	59.99	54.68	5.316	14.09	14.88	26.19	0	0
"2014-04-01	06:00:00"	5.224	204	14.96	7.561	3.26	209.5	17.58	6.368	56.05	54.37	1.684	15.72	15.03	26.193	0	0
"2014-04-01	07:00:00"	5.188	203.3	8.83	7.561	3.004	197.7	10.19	5.175	55.93	54.24	1.695	15.9	15.22	26.2	0	0
"2014-04-01	08:00:00"	6.302	221.8	14.58	9.35	3.767	220.9	19.28	6.964	58.65	56.5	2.148	15.66	14.91	26.207	4.5594	0
"2014-04-01	09:00:00"	5.968	235.1	16.68	9.35	3.98	238.7	20.87	6.368	58.32	57.39	0.933	16.8	15.55	26.214	88.031	0
"2014-04-01	10:00:00"	7.604	232.2	20.97	14.72	6.23	232.2	24.29	11.74	61.29	61.55	-0.254	27.09	25.03	26.224	304.93	0
"2014-04-01	11:00:00"	9.66	205.4	12.61	15.31	8.08	204.6	15.25	13.52	67.46	68.15	-0.688	24.21	22.12	26.226	449.83	0
"2014-04-01	12:00:00"	9.99	233.6	24.06	18.3	8.37	234.6	26.78	14.12	73.31	74.19	-0.883	13.52	11.57	26.218	559.11	0
"2014-04-01	13:00:00"	9.82	245.1	23.49	17.1	8.25	247.6	27.51	14.12	75.59	76.59	-0.991	10.92	8.95	26.199	554.22	0
"2014-04-01	14:00:00"	14.79	255.5	20.93	27.24	12.02	258.8	23.03	26.05	77.9	79.39	-1.489	9.91	7.827	26.171	718.45	0
"2014-04-01	15:00:00"	17.19	243.1	14.9	29.63	14.27	245.7	17.66	26.05	78.72	79.86	-1.135	9.94	7.889	26.149	647.61	0
"2014-04-01	16:00:00"	18.63	246.8	13.78	29.03	15.09	249.1	16.82	26.05	78.89	79.98	-1.088	9.59	7.552	26.126	547.35	0
"2014-04-01	17:00:00"	14.28	241.2	19.01	26.65	11.78	243.1	22.57	23.66	80.6	81.9	-1.279	9.17	7.091	26.096	662.85	0
"2014-04-01	18:00:00"	16.08	250.4	14.55	27.84	13.21	253.6	17.72	24.86	81.9	82.9	-1.004	8.1	6.087	26.078	501.45	0
"2014-04-01	19:00:00"	17.84	253.5	10.57	30.22	14.22	257.7	13.95	28.43	81.7	82.1	-0.366	7.403	5.494	26.073	233.03	0
"2014-04-01	20:00:00"	15.28	257.7	8.7	24.86	11.9	263.8	11.48	22.47	79.91	79.67	0.24	7.968	6.181	26.076	51.267	0
"2014-04-01	21:00:00"	9.38	259.1	16.41	20.09	7.022	262.4	18.68	15.31	76.85	76.09	0.765	8.75	7.149	26.085	2.8337	0
"2014-04-01	22:00:00"	8.36	276	10.98	14.72	5.652	278.6	13.59	12.93	74.58	73.45	1.14	9.48	8.07	26.09	0	0
"2014-04-01	23:00:00"	5.18	189.7	39.51	10.54	3.773	174.1	42.74	8.75	73.26	71.12	2.143	9.98	9.18	26.094	0	0
"2014-04-02	00:00:00"	7.472	158.2	9.63	17.7	5.399	161.5	19.79	15.31	70.26	68.87	1.39	11.09	9.99	26.099	0	0
"2014-04-02	01:00:00"	12.7	166.3	8.98	18.89	10.06	164.1	9.87	15.31	67.78	67.2	0.575	25.5	23.54	26.106	0	0
"2014-04-02	02:00:00"	11.04	178.8	10.82	16.51	8.52	177.7	15.06	14.12	65.43	64.95	0.482	55.05	53.49	26.108	0	0
"2014-04-02	03:00:00"	6.729	195.6	10.79	9.95	4.829	198.8	12.72	8.16	61.97	61.51	0.459	68.73	67.36	26.108	0	0
"2014-04-02	04:00:00"	5.506	223.5	18.46	8.16	4.155	226.2	22.38	6.368	60.74	60.2	0.542	74.3	73.16	26.101	0	0
"2014-04-02	05:00:00"	5.822	199.1	12.42	8.16	3.924	199.3	14.15	6.368	60.15	59.29	0.864	75.05	73.82	26.091	0	0
"2014-04-02	06:00:00"	6.253	185.7	11.06	9.95	4.313	185.3	14.64	7.561	58.53	57.63	0.897	84	83.4	26.08	0.18655	0
"2014-04-02	07:00:00"	5.515	189.2	13.66	8.75	3.999	191.9	17.61	6.964	56.1	55.53	0.571	87.9	87.4	26.083	1.3411	0
"2014-04-02	08:00:00"	3.904	193.1	15.46	6.368	1.969	191.1	28.75	4.578	55.04	54.1	0.948	90	89.6	26.092	5.8062	0
"2014-04-02	09:00:00"	4.622	184.7	18.12	9.95	2.632	164.6	45.73	7.561	55.46	53.89	1.57	89.9	90.3	26.105	109.46	0
"2014-04-02	10:00:00"	8.17	187.2	11.84	11.74	6.742	185.1	13.09	11.14	59.31	59.63	-0.318	84.2	82.4	26.115	300.13	0
"2014-04-02	11:00:00"	7.96	234	17.69	13.52	6.81	235.7	20.27	11.74	67.25	67.98	-0.729	45.85	43.56	26.114	553.64	0
"2014-04-02	12:00:00"	10.84	244	19.25	20.68	9.1	245.5	22.97	19.49	73.17	74.44	-1.275	20.13	17.92	26.108	761.02	0
"2014-04-02	13:00:00"	17.81	242.3	16.5	32.01	14.88	243.7	19.33	26.05	76.46	77.81	-1.35	12.9	10.73	26.085	913.99	0
"2014-04-02	14:00:00"	19.19	241.5	15.53	33.21	16.03	244.1	18.15	25.45	77.79	79.18	-1.385	11.83	9.62	26.063	811.86	0
"2014-04-02	15:00:00"	19.1	240	16.03	32.01	15.85	241.8	18.71	30.82	78.36	79.58	-1.214	10.82	8.69	26.048	717.1	0
"2014-04-02	16:00:00"	20.22	249.3	14.05	33.8	16.32	253.1	17.38	29.63	79.96	81.4	-1.474	9.05	6.898	26.015	816.66	0
"2014-04-02	17:00:00"	19.01	241.4	18.67	33.21	15.72	243.6	22.06	26.65	81.1	82.1	-1.007	8.02	5.952	25.988	608.42	0
"2014-04-02	18:00:00"	19.49	238.2	23.02	35.59	15.68	240.6	27.27	33.21	82.2	83	-0.784	7.459	5.435	25.971	481.2	0
"2014-04-02	19:00:00"	22.52	260.8	10.32	34.4	17.74	266.4	12.14	29.03	80.6	80.9	-0.32	7.368	5.446	25.974	215.52	0
"2014-04-02	20:00:00"	15.51	249	8.88	27.24	12.23	251.4	11.21	22.47	78.45	78.25	0.2	8.81	7.027	25.979	44.229	0
"2014-04-02	21:00:00"	7.617	220.7	13.88	13.52	5.903	216	17.76	12.33	75.17	74.66	0.505	10.01	8.33	25.974	1.7654	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-02	22:00:00"	7.895	219.2	20.4	11.74	5.9	216.6	23.61	10.54	72.68	71.74	0.937	10.43	8.96	25.98	0
"2014-04-02	23:00:00"	7.79	243.7	11.41	12.33	5.817	247.3	13.62	10.54	68.65	67.57	1.088	11.98	10.67	26	0
"2014-04-03	00:00:00"	9.16	233.7	11.72	13.52	6.874	231.6	12.79	11.74	67.57	66.78	0.79	11.81	10.37	26.008	0
"2014-04-03	01:00:00"	7.919	238.3	12.44	12.93	6.14	235.4	15.53	9.35	66.47	65.68	0.79	11.72	10.28	26.011	0
"2014-04-03	02:00:00"	9.04	245.4	17.52	17.1	6.923	247.7	21.21	15.31	64.31	63.54	0.766	12.34	10.93	26.017	0
"2014-04-03	03:00:00"	7.768	243.5	18.86	13.52	5.908	243.9	24.48	11.14	60.77	60.08	0.689	13.95	12.58	26.022	0
"2014-04-03	04:00:00"	5.494	208.5	20.33	9.95	3.821	197.9	21.96	8.16	59.17	57.99	1.182	14.25	13.28	26.022	0
"2014-04-03	05:00:00"	4.838	214.6	20.89	10.54	3.179	215.4	35.03	6.368	58.17	56.88	1.291	14.79	13.76	26.029	0
"2014-04-03	06:00:00"	9.17	202.5	10.62	12.93	6.794	202.4	11.06	9.95	55.91	55.01	0.893	20.35	18.93	26.025	0
"2014-04-03	07:00:00"	10.78	217.1	13.57	17.1	8.15	214.2	15.81	13.52	57.57	56.81	0.761	23.15	21.84	26.026	0
"2014-04-03	08:00:00"	11.12	230	13.08	18.3	9	227.7	15.12	15.31	60.58	59.93	0.644	23.03	21.69	26.044	7.5423
"2014-04-03	09:00:00"	9.63	292.2	18.67	14.72	5.793	294.6	22	11.14	58.46	58.32	0.14	23.22	21.76	26.072	146.65
"2014-04-03	10:00:00"	12.89	299.4	9.45	24.86	7.717	301.2	11.46	16.51	62.48	63.27	-0.79	18.32	16.43	26.082	360.91
"2014-04-03	11:00:00"	21.47	294.8	10.23	30.82	13.01	297.3	11.69	24.86	65.24	66.56	-1.319	16.47	14.24	26.09	571.85
"2014-04-03	12:00:00"	22.53	286.2	10.91	33.21	15.37	288.8	12.78	28.43	65.96	67.9	-1.938	17.75	15.16	26.109	747.42
"2014-04-03	13:00:00"	24.93	277.2	11.76	39.17	18.5	280.1	13.34	33.21	66.62	68.82	-2.2	17.32	14.59	26.118	877.14
"2014-04-03	14:00:00"	24.61	269.9	11.83	43.35	19.32	273.6	12.8	33.21	67.14	69.22	-2.077	16.17	13.56	26.126	936.62
"2014-04-03	15:00:00"	28.55	272	10.73	42.15	22.06	275.6	12.12	38.57	67.75	69.96	-2.21	14.06	11.47	26.123	912.14
"2014-04-03	16:00:00"	33.05	265.2	11.89	51.69	26.05	269.6	13.43	42.75	69	70.74	-1.742	7.789	5.604	26.111	841.75
"2014-04-03	17:00:00"	28.87	280.3	20.04	49.31	21.22	283.7	19.65	41.56	69.45	71.13	-1.677	4.474	2.47	26.106	741.22
"2014-04-03	18:00:00"	23.07	304.8	9.56	34.4	13.85	306.9	11.79	25.45	68.14	69.81	-1.668	6.815	4.719	26.124	561.66
"2014-04-03	19:00:00"	21.5	312.6	11.08	32.61	14.27	314.1	12.22	25.45	67.47	68.46	-0.989	6.502	4.536	26.144	305.2
"2014-04-03	20:00:00"	19.84	324.9	8.66	29.03	14.84	325.3	9.46	23.07	65.49	65.54	-0.049	6.537	4.743	26.176	128.66
"2014-04-03	21:00:00"	14.5	338.4	11.86	23.66	10.84	337.4	11.12	20.68	61.57	60.65	0.926	9.08	7.563	26.209	3.0011
"2014-04-03	22:00:00"	11.4	358.7	12.92	15.31	8.02	354.3	13.93	11.74	57.79	56.32	1.465	12.2	11.04	26.245	0
"2014-04-03	23:00:00"	16.98	13.08	16.7	29.63	13.35	11.37	20.1	25.45	54.44	53.71	0.728	24.79	23.37	26.275	0
"2014-04-04	00:00:00"	21.23	25.75	6.33	31.42	17.32	25.33	10.11	27.24	50.77	50.57	0.203	41.28	39.66	26.308	0
"2014-04-04	01:00:00"	18.39	31.31	7.686	26.65	15.21	31.82	10.42	23.66	47.55	47.37	0.182	44.81	43.14	26.329	0
"2014-04-04	02:00:00"	16.51	30.65	6.803	24.26	13.61	31.19	9.11	20.68	44.79	44.57	0.217	43.88	42.29	26.334	0
"2014-04-04	03:00:00"	15.43	35.2	7.294	22.47	12.81	36	8.76	20.09	42.84	42.66	0.177	48.08	46.5	26.355	0
"2014-04-04	04:00:00"	14.04	39.45	7.387	19.49	11.64	40.23	8.71	17.1	40.6	40.44	0.168	53.14	51.62	26.368	0
"2014-04-04	05:00:00"	11.67	35.88	9.65	16.51	9.39	35.55	11.64	14.12	38.16	37.96	0.201	57.64	56.2	26.369	0
"2014-04-04	06:00:00"	11.17	33.87	6.436	15.91	8.74	33.76	8.73	13.52	36.26	35.98	0.281	61.48	60.23	26.371	0
"2014-04-04	07:00:00"	6.893	10.51	22.65	11.74	4.217	351.9	33.9	9.35	33.6	32.27	1.329	65.69	65.25	26.392	0.00393
"2014-04-04	08:00:00"	7.466	309.7	9.24	9.35	3.172	307.9	6.419	5.175	32.22	29.37	2.854	67.53	68.5	26.407	9.3853
"2014-04-04	09:00:00"	6.672	305.6	6.361	8.75	3.925	307.3	8.94	6.368	34.04	34.13	-0.086	63.84	62.26	26.441	120.3
"2014-04-04	10:00:00"	4.889	330.6	43.36	8.75	3.598	326.9	41.59	6.964	39.17	40.01	-0.84	53.99	50.98	26.464	328.91
"2014-04-04	11:00:00"	6.039	115.3	29.08	12.33	5.126	114.7	33.93	9.95	44.23	45.14	-0.918	40.6	38.03	26.471	565.06
"2014-04-04	12:00:00"	7.149	115.3	23.4	13.52	6.21	116	28.51	12.33	47.64	48.84	-1.205	33.51	30.85	26.47	701.82
"2014-04-04	13:00:00"	8.68	104.1	22.22	17.1	7.354	102.8	23.76	14.12	51.9	53.64	-1.741	25.93	23.03	26.449	873.65
"2014-04-04	14:00:00"	10.07	130.7	19.3	21.28	8.55	129.9	20.3	20.09	54.54	56.42	-1.883	22.27	19.39	26.416	909.61
"2014-04-04	15:00:00"	9.94	139.2	27.83	20.68	8.38	138.6	29.05	17.1	57.29	59.06	-1.768	19.48	16.78	26.378	838.5
"2014-04-04	16:00:00"	11.49	127	20.17	20.09	9.62	125.9	21.88	17.7	59.32	61.29	-1.969	18.29	15.53	26.338	723.06
"2014-04-04	17:00:00"	12.08	131	18.13	19.49	10.21	130.5	18.87	17.1	60.59	62.05	-1.467	17.17	14.65	26.309	477.17
"2014-04-04	18:00:00"	12.67	144.1	17.32	21.87	10.58	143.1	17.34	18.89	61.24	62.35	-1.115	16.58	14.27	26.293	354.43

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-04	19:00:00"	13.45	139	10.59	21.28	10.99	137.4	10.67	18.3	61.65	62.48	-0.829	16.34	14.16	26.282	205.53	0	
"2014-04-04	20:00:00"	14.01	141.5	9.54	18.89	11.36	140	9.89	17.1	61.1	61.28	-0.181	16.51	14.62	26.278	64.696	0	
"2014-04-04	21:00:00"	10.06	128.7	9.19	15.91	7.57	127.7	9.93	14.72	58.87	58.43	0.443	17.56	16.02	26.277	2.2916	0	
"2014-04-04	22:00:00"	8.12	93.5	9.62	10.54	4.864	84.3	12.68	6.964	55.17	53.82	1.35	19.92	18.91	26.28	0	0	
"2014-04-04	23:00:00"	9.69	99.7	10.87	14.72	6.922	97.4	13.13	10.54	54.4	53.95	0.446	21.37	19.95	26.285	0	0	
"2014-04-05	00:00:00"	10.95	117.2	7.156	16.51	8.37	117.1	9.02	13.52	55.15	54.83	0.314	20.68	19.18	26.283	0	0	
"2014-04-05	01:00:00"	13.15	123.8	6.396	18.3	10.1	124.1	8.08	15.91	55.13	54.87	0.263	21.13	19.58	26.273	0	0	
"2014-04-05	02:00:00"	15.68	125.2	7.34	22.47	12.35	125.8	8.57	19.49	55.12	54.96	0.161	22.2	20.58	26.257	0	0	
"2014-04-05	03:00:00"	17.01	130.5	9.23	26.05	13.61	130.1	9.76	22.47	54.87	54.76	0.112	22.76	21.12	26.247	0	0	
"2014-04-05	04:00:00"	12.9	111.2	7.846	20.09	10.26	111.6	9.8	16.51	53.68	53.52	0.161	24.47	22.85	26.232	0	0	
"2014-04-05	05:00:00"	14.42	114.7	6.745	20.09	11.37	114.7	9.26	17.1	52.76	52.55	0.211	26.59	25.03	26.209	0	0	
"2014-04-05	06:00:00"	13.05	112.7	7.006	19.49	10.37	112.4	9	15.91	52	51.81	0.185	29.15	27.6	26.192	0	0	
"2014-04-05	07:00:00"	14.25	120.2	8.13	22.47	11.19	120.9	9.5	19.49	51.77	51.5	0.272	31.7	30.26	26.188	0	0	
"2014-04-05	08:00:00"	17.14	128.3	6.823	24.86	13.49	128.3	8.1	20.68	51.22	50.98	0.241	33.87	32.45	26.181	3.1268	0	
"2014-04-05	09:00:00"	13.57	123.5	7.425	21.28	10.7	124	8.98	17.7	50.1	50.07	0.032	34.83	33.32	26.194	100.58	0	
"2014-04-05	10:00:00"	18.51	132.4	8.75	26.05	14.83	132	9.58	22.47	52.61	53.41	-0.8	28.58	26.42	26.199	356.49	0	
"2014-04-05	11:00:00"	21.29	141.2	10.18	30.22	17.32	139.5	9.93	26.05	55.4	56.67	-1.269	24.65	22.14	26.199	551.68	0	
"2014-04-05	12:00:00"	22.37	153	12.49	33.21	18.51	150.4	13.11	28.43	58.38	59.8	-1.413	25.55	22.88	26.187	744.16	0	
"2014-04-05	13:00:00"	20.57	159.8	12.94	32.01	16.96	157.5	13.8	27.84	60.25	62.13	-1.883	28.42	25.31	26.17	869.89	0	
"2014-04-05	14:00:00"	20.14	159.8	13.41	31.42	16.64	156.8	14.16	27.24	62.41	64.46	-2.051	27.31	24.12	26.138	899.12	0	
"2014-04-05	15:00:00"	18.32	156	13.89	36.19	15.17	153.6	14.39	28.43	63.87	65.97	-2.1	26.36	23.17	26.108	861.45	0	
"2014-04-05	16:00:00"	16.81	156.9	17.1	26.65	13.98	154.1	17.86	23.07	65.59	67.82	-2.221	25.8	22.52	26.08	853.93	0	
"2014-04-05	17:00:00"	14.43	158.8	17.41	25.45	11.98	155.7	17.86	20.68	67.09	68.85	-1.757	25.54	22.57	26.057	684.11	0	
"2014-04-05	18:00:00"	12.86	162.2	16.44	22.47	10.74	159.9	17.37	20.68	68.05	69.5	-1.455	25.01	22.26	26.042	521.02	0	
"2014-04-05	19:00:00"	13.43	154.5	15.85	21.28	11.16	152.5	16.35	19.49	68.44	69.36	-0.919	25.15	22.72	26.041	239.9	0	
"2014-04-05	20:00:00"	12.29	154.8	10.67	20.68	10.14	152.6	11.06	18.3	67.57	67.67	-0.106	26.2	24.33	26.044	69.197	0	
"2014-04-05	21:00:00"	13.2	139.7	6.813	18.89	10.49	138.7	7.185	15.91	64.87	64.51	0.363	29.81	28.33	26.049	1.9598	0	
"2014-04-05	22:00:00"	14.2	141.8	7.418	21.28	11.32	140.7	8.14	18.89	62.28	61.89	0.384	33.78	32.44	26.066	0	0	
"2014-04-05	23:00:00"	12.21	147.8	8.5	17.1	9.85	146.2	8.69	15.31	59.79	59.47	0.315	37.72	36.41	26.09	0	0	
"2014-04-06	00:00:00"	11.96	149.3	15.94	19.49	9.57	148.5	17.04	16.51	58.03	57.75	0.276	39.62	38.32	26.109	0	0	
"2014-04-06	01:00:00"	7.894	175.1	13.16	13.52	6.345	172.5	15.29	12.33	56.9	56.76	0.148	41.27	39.62	26.117	0	0	
"2014-04-06	02:00:00"	6.983	167.5	14.03	11.14	5.638	165.1	16.24	8.75	56.07	55.99	0.077	43.18	41.44	26.121	0	0	
"2014-04-06	03:00:00"	4.932	147.4	47.15	9.95	3.795	134.7	63.35	7.561	54.72	54.22	0.508	45.35	44	26.121	0	0	
"2014-04-06	04:00:00"	2.436	156.3	74.85	5.175	1.493	58.86	84.4	4.578	53.37	51.34	2.026	47.25	47.48	26.111	0	0	
"2014-04-06	05:00:00"	4.051	194.9	81.4	14.72	2.779	340.5	57.33	12.93	51.85	48.74	3.109	49.59	50.13	26.102	0	0	
"2014-04-06	06:00:00"	8.19	43.05	9.38	13.52	6.57	43.11	10.58	11.74	46.46	46.23	0.227	52.66	51.41	26.108	0	0	
"2014-04-06	07:00:00"	7.785	55.14	10.51	14.12	6.168	54.18	12.09	11.74	43.5	43.58	-0.087	53.96	52.21	26.104	0	0	
"2014-04-06	08:00:00"	7.508	61.84	12.59	13.52	5.789	58.65	13.72	11.74	42.65	42.73	-0.087	54.2	52.47	26.105	3.7004	0	
"2014-04-06	09:00:00"	6.102	75.64	24.82	11.74	4.962	73.62	26.06	10.54	44.12	44.42	-0.303	51.5	49.5	26.111	89.411	0	
"2014-04-06	10:00:00"	4.195	134.5	52.52	8.16	3.519	133.7	53.92	6.964	48.72	49.21	-0.491	48.09	45.71	26.114	291.82	0	
"2014-04-06	11:00:00"	4.761	261.1	27.82	11.74	3.93	258.7	37.22	11.74	53.25	54.01	-0.759	50.89	48.09	26.118	352.61	0	
"2014-04-06	12:00:00"	8.05	287.8	17.68	16.51	5.945	288.7	20.05	14.12	56.77	58.36	-1.591	42.83	39.42	26.115	641.91	0	
"2014-04-06	13:00:00"	9.83	322.7	31.05	20.09	7.738	321	31.71	18.3	61.48	63.83	-2.352	29.69	26.35	26.101	885.83	0	
"2014-04-06	14:00:00"	10.48	357	28.41	30.22	8.72	355.1	31.65	26.65	64.21	66.43	-2.217	24.8	21.64	26.073	751.36	0	
"2014-04-06	15:00:00"	9.28	333.2	31.57	18.89	7.342	331.5	31.86	17.1	64.94	66.32	-1.381	21.71	19.18	26.047	364.35	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-06	16:00:00"	11.25	57.13	40.2	18.89	9.25	57.71	41.4	15.31	64.52	66	-1.486	24.52	21.72	26.034	460.19	0
"2014-04-06	17:00:00"	15.3	36.51	67.73	35.59	11.74	36.43	67.43	32.61	63.55	64.27	-0.724	24.82	22.52	26.038	200.66	0
"2014-04-06	18:00:00"	16.77	267.5	17.69	30.82	12.44	270.4	19.13	24.26	62.64	63.35	-0.714	23.69	21.53	26.056	228.06	0
"2014-04-06	19:00:00"	12.37	258.9	12.76	18.89	9.91	263.1	15.42	16.51	63.73	64.32	-0.587	20.95	18.91	26.048	215.34	0
"2014-04-06	20:00:00"	14.71	307.5	21.9	23.07	10.09	308.2	21.24	18.3	63.8	63.93	-0.122	20.43	18.6	26.057	103.05	0
"2014-04-06	21:00:00"	8.82	323.3	7.274	12.93	5.882	325.1	8.39	11.14	60.21	59.16	1.052	26.26	25.21	26.072	3.9608	0
"2014-04-06	22:00:00"	8.82	321.2	10.67	11.14	4.265	323.7	13.21	6.368	58.88	54.36	4.519	27.4	29.16	26.086	0	0
"2014-04-06	23:00:00"	10.74	333.2	20.6	15.31	6.905	336	15.35	12.33	56.21	52.85	3.363	29.26	30.45	26.116	0	0
"2014-04-07	00:00:00"	9.95	9.74	7.941	15.31	6.659	6.782	10.73	11.74	51.49	50.05	1.439	41.75	41.29	26.127	0	0
"2014-04-07	01:00:00"	9.71	20.44	4.627	13.52	6.469	19.28	9.18	9.95	49.91	48.67	1.244	45.92	45.44	26.134	0	0
"2014-04-07	02:00:00"	10.34	28.93	4.561	13.52	7.487	27.2	7.823	10.54	50.42	49.38	1.036	46.03	45.62	26.139	0	0
"2014-04-07	03:00:00"	10.14	21.1	6.657	13.52	7.18	18.71	11.63	11.14	47.45	46.53	0.923	53.55	53	26.146	0	0
"2014-04-07	04:00:00"	8.7	11.9	5.822	12.33	6.111	7.777	10.29	9.95	44.97	44.04	0.921	61.61	61.32	26.15	0	0
"2014-04-07	05:00:00"	10.8	4.682	10.52	15.31	8.16	360	11.7	13.52	45.18	44.61	0.57	63.42	62.85	26.158	0	0
"2014-04-07	06:00:00"	9.22	359.1	12.6	12.93	6.968	354.2	13.16	10.54	44.74	44.21	0.531	66.28	65.63	26.171	0	0
"2014-04-07	07:00:00"	7.1	337.5	24.24	9.95	3.887	331.7	24.06	6.964	41.61	39.85	1.755	70.17	71.02	26.18	0	0
"2014-04-07	08:00:00"	10.14	325.5	9.26	14.12	6.791	325.4	10.23	11.74	40.72	39.89	0.831	70.33	70.47	26.199	10.741	0
"2014-04-07	09:00:00"	11.32	334.2	6.855	17.1	8.82	333.7	8.27	15.31	43.85	44.05	-0.206	63.66	61.94	26.229	111.17	0
"2014-04-07	10:00:00"	15.26	355	13.7	23.66	12.32	350.9	16.23	19.49	50.11	51.01	-0.902	54.82	51.89	26.25	277.54	0
"2014-04-07	11:00:00"	17.95	1.428	14.36	25.45	14.51	356.7	21.75	22.47	54.36	55.62	-1.261	45.28	41.77	26.266	373.73	0
"2014-04-07	12:00:00"	19.77	15.04	10.26	32.01	16.13	12.8	20.25	26.05	56.89	58.45	-1.565	38.14	35.08	26.289	487.65	0
"2014-04-07	13:00:00"	18.84	23.5	13.78	28.43	15.24	23.31	20.34	24.86	58.66	60.26	-1.597	31.35	28.4	26.298	507.48	0
"2014-04-07	14:00:00"	18.55	23.58	16.67	28.43	15.02	22.1	22.94	24.86	60.43	62.78	-2.353	27.71	24.38	26.297	834.68	0
"2014-04-07	15:00:00"	17.43	6.159	18.21	35	14.43	3.332	25.09	32.61	61.79	64.03	-2.245	25.73	22.59	26.293	658.6	0
"2014-04-07	16:00:00"	17.44	5.418	14.9	35	14.29	2.047	25.97	30.82	60.88	62.92	-2.046	29.51	28.65	26.296	797.02	0
"2014-04-07	17:00:00"	17.08	0.884	25.65	36.78	13.39	359.5	29.86	30.22	57.69	58.36	-0.667	36.56	36.53	26.321	268.82	0.01
"2014-04-07	18:00:00"	10.42	345	19.04	32.01	8.39	342.3	23.64	25.45	57.33	58.3	-0.962	37.11	36.8	26.331	324.99	0
"2014-04-07	19:00:00"	8.41	330.8	53.42	15.31	6.545	331.9	53.57	13.52	58.07	58.98	-0.91	35.17	33.42	26.337	245.5	0
"2014-04-07	20:00:00"	5.679	64.85	31.04	13.52	4.741	66.73	33.32	12.33	58.22	58.44	-0.215	35.34	33.83	26.351	110.25	0
"2014-04-07	21:00:00"	3.84	84.2	37.03	5.771	2.672	72.01	50.75	5.175	57.35	55.34	2.017	35.74	36.65	26.365	3.8919	0
"2014-04-07	22:00:00"	7.474	56.91	11.44	15.31	5.06	55.99	19.08	11.74	54.1	52.34	1.765	36.5	37.3	26.393	0	0
"2014-04-07	23:00:00"	9.27	60.22	6.769	12.33	5.763	58.88	8.5	8.75	51.07	49.47	1.601	39.01	39.43	26.41	0	0
"2014-04-08	00:00:00"	8.22	46.95	9.42	12.93	5.834	46.83	12	9.95	49.4	48.23	1.168	41.38	41.45	26.422	0	0
"2014-04-08	01:00:00"	7.577	34.46	7.108	10.54	4.577	16.12	25.09	7.561	47.66	43.4	4.265	42.87	48.21	26.435	0	0
"2014-04-08	02:00:00"	7.457	19.99	3.689	9.35	3.941	7.13	19.93	5.175	47.42	40.6	6.822	43.3	52.24	26.457	0	0
"2014-04-08	03:00:00"	7.834	355.1	18.67	9.35	3.971	344.2	28.17	5.175	46.31	38.36	7.954	45.22	56.95	26.473	0.0001	0
"2014-04-08	04:00:00"	9.49	356.1	13.84	11.74	5.142	350.2	20.86	7.561	41.13	37.31	3.829	53.88	59.56	26.476	0.00029	0
"2014-04-08	05:00:00"	10.3	5.583	2.932	11.14	5.807	2.019	29.47	7.561	41.8	38.09	3.712	53.1	58.11	26.482	0	0
"2014-04-08	06:00:00"	9.77	7.206	1.799	11.14	5.446	5.016	27.33	6.964	41.14	37.72	3.423	53.2	58.16	26.485	0	0
"2014-04-08	07:00:00"	9.89	5.113	2.004	11.14	5.078	2.089	30.88	6.964	41.19	36.18	5.018	51.31	59.28	26.489	0.00038	0
"2014-04-08	08:00:00"	9.6	5.181	2.982	11.14	4.634	2.085	29.5	6.368	41	35.14	5.855	49.93	59.99	26.5	11.685	0
"2014-04-08	09:00:00"	5.457	2.917	11.78	8.75	3.742	357.9	24.19	5.771	44.66	44.34	0.321	45.64	46.24	26.523	164.38	0
"2014-04-08	10:00:00"	3.558	26.67	37.06	6.368	3.006	27.11	46.39	5.771	52.95	53.66	-0.714	31.12	29.36	26.54	381.63	0
"2014-04-08	11:00:00"	3.889	214.5	45.92	8.75	3.324	209.2	55.62	9.35	56.76	57.59	-0.829	27.73	25.78	26.549	593.38	0
"2014-04-08	12:00:00"	7.782	235.9	21.43	14.72	6.719	237.1	23.89	13.52	59.11	60.44	-1.338	27.78	25.39	26.555	773.32	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-04-08	13:00:00"	8.23	239.9	27.87	17.1	7.076	239.5	32.52	15.31	61.44	62.98	-1.534	25.53	22.97	26.544	897.36	0
"2014-04-08	14:00:00"	8.87	250.9	21.23	17.7	7.505	252.9	24.18	15.31	63.84	65.76	-1.921	23.26	20.53	26.521	959.68	0
"2014-04-08	15:00:00"	9.75	258.7	27.69	19.49	8.07	262.3	30.99	21.28	66.01	68.24	-2.226	20.76	17.93	26.496	932.98	0
"2014-04-08	16:00:00"	7.684	261.5	47.29	18.3	6.221	264	53.74	19.49	67.54	69.44	-1.9	19.67	17.03	26.472	879.82	0
"2014-04-08	17:00:00"	7.058	268.7	63.51	18.3	5.77	266.3	67.07	14.72	68.86	70.55	-1.696	18.15	15.63	26.453	745.7	0
"2014-04-08	18:00:00"	7.641	266.4	32.22	17.1	6.039	267.6	35.8	14.72	69.84	71.37	-1.532	17.17	14.75	26.44	559.86	0
"2014-04-08	19:00:00"	5.595	238.3	27.41	13.52	4.725	237.1	33.44	12.93	70.38	71.14	-0.762	16.64	14.55	26.434	295.41	0
"2014-04-08	20:00:00"	6.529	224.1	27.68	11.14	5.349	223	30.37	9.95	70.61	70.75	-0.135	16.15	14.32	26.43	125.3	0
"2014-04-08	21:00:00"	5.831	181.4	11.44	9.95	4.223	180.9	13.9	8.16	67.74	66.96	0.784	17.34	16.01	26.438	4.1129	0
"2014-04-08	22:00:00"	8.46	160	8.77	11.74	6.196	153.4	9.01	9.35	65.24	64.01	1.225	18.26	17.2	26.448	0	0
"2014-04-08	23:00:00"	8.07	147.8	9.61	11.74	5.441	137.9	15.41	9.35	62.37	60.45	1.915	19.93	19.35	26.455	0	0
"2014-04-09	00:00:00"	8.3	143	9.68	11.74	5.269	137.7	11.97	8.75	61.11	58.94	2.165	20.67	20.34	26.451	0	0
"2014-04-09	01:00:00"	9.6	153.1	8.56	14.72	7.226	151.1	8.09	11.74	59.92	58.86	1.058	21.7	20.75	26.451	0	0
"2014-04-09	02:00:00"	9.43	156.5	9.03	15.31	7.03	152.6	8.78	11.74	58.72	57.61	1.112	22.75	21.87	26.453	0	0
"2014-04-09	03:00:00"	6.483	175.5	14.64	12.33	4.257	175.2	21.67	9.95	55.89	54.55	1.339	24.66	23.98	26.449	0	0
"2014-04-09	04:00:00"	4.325	199.1	13.47	7.561	2.502	204.8	19.4	5.771	55.13	53.9	1.235	25.28	24.49	26.441	0	0
"2014-04-09	05:00:00"	6.024	186.5	7.386	8.16	3.607	190.6	10.91	6.368	55.37	53.75	1.617	25.22	24.75	26.425	0	0
"2014-04-09	06:00:00"	7.678	166.9	11.9	12.93	5.092	163.9	13.93	9.95	55.11	53.47	1.641	25.44	25.15	26.409	0	0
"2014-04-09	07:00:00"	9.83	157.4	8.76	14.72	7.529	153.8	9.29	12.33	55.62	54.56	1.067	25.03	24.28	26.403	0	0
"2014-04-09	08:00:00"	6.391	186.3	18.14	10.54	4.406	187.7	20.18	8.16	52.87	51.67	1.199	26.93	26.38	26.409	14.048	0
"2014-04-09	09:00:00"	7.005	210.3	12.56	12.93	5.678	212.4	15.32	9.95	53.4	53.34	0.061	26.75	25.29	26.419	170.72	0
"2014-04-09	10:00:00"	10.38	205.9	12.37	17.7	8.69	204.3	14.72	14.72	59.48	60.03	-0.546	22.95	21.02	26.425	386.79	0
"2014-04-09	11:00:00"	11.68	202.5	12.14	16.51	9.82	200.5	13.37	15.31	65.6	66.62	-1.02	18.43	16.29	26.424	601.28	0
"2014-04-09	12:00:00"	12.47	209	14.08	21.28	10.48	206.8	16.87	18.3	71.63	72.82	-1.191	13.94	11.79	26.418	785.48	0
"2014-04-09	13:00:00"	12.78	211.8	14.9	19.49	10.67	208.9	17.78	18.3	76.33	77.78	-1.441	10.8	8.63	26.398	913.61	0
"2014-04-09	14:00:00"	12.45	214.8	16.9	24.26	10.25	213.3	19.65	20.68	79.18	80.8	-1.584	9.65	7.465	26.374	976.3	0
"2014-04-09	15:00:00"	15.16	219.6	19.16	26.05	12.74	219.2	22.44	23.66	82.5	84.1	-1.545	7.313	5.169	26.341	949.77	0
"2014-04-09	16:00:00"	15.72	238.3	20.34	27.84	13.26	239.7	22.59	25.45	84	85.4	-1.42	6.749	4.656	26.304	896.44	0
"2014-04-09	17:00:00"	15.55	236.2	21.36	30.82	13.06	238.8	24.56	26.65	85	86.4	-1.361	6.307	4.234	26.267	759.09	0
"2014-04-09	18:00:00"	12.96	232.3	23.97	22.47	10.7	233.3	27.03	21.87	85.7	86.7	-0.989	5.819	3.806	26.244	570.05	0
"2014-04-09	19:00:00"	15.57	245.5	14.38	25.45	13.04	247.7	18	22.47	85.9	86.4	-0.513	5.26	3.325	26.232	302.81	0
"2014-04-09	20:00:00"	13.98	246.2	10.48	22.47	11.34	248.6	12.16	20.09	84.4	84.3	0.152	4.869	3.035	26.231	130.98	0
"2014-04-09	21:00:00"	7.948	242.8	18.21	12.93	5.535	246.7	23.41	10.54	79.27	77.8	1.469	5.719	4.203	26.24	3.485	0
"2014-04-09	22:00:00"	4.954	207.7	15.88	9.95	2.868	197.4	18.37	7.561	74.44	72.73	1.713	6.738	5.486	26.255	0	0
"2014-04-09	23:00:00"	6.112	179.5	12.54	16.51	3.749	171.8	11.51	14.12	71.82	69.64	2.172	7.44	6.525	26.272	0	0
"2014-04-10	00:00:00"	11.89	168.3	9.83	20.68	9.33	166.7	11.48	18.3	68.86	68.11	0.751	14.36	12.81	26.276	0	0
"2014-04-10	01:00:00"	16.02	172.9	7.8	22.47	12.55	170.6	9.49	18.89	68.35	67.63	0.725	18.81	17.41	26.268	0	0
"2014-04-10	02:00:00"	11.52	186.4	9.78	21.28	8.8	187.9	13.15	17.7	65.74	65.05	0.698	21.11	19.77	26.267	0	0
"2014-04-10	03:00:00"	13.38	183.9	8.68	20.09	10.24	184.6	12.14	16.51	63.17	62.51	0.666	23.07	21.79	26.252	0	0
"2014-04-10	04:00:00"	10.55	200.2	9.01	14.72	7.918	201.5	9.6	12.33	59.89	59.3	0.584	25.58	24.28	26.24	0	0
"2014-04-10	05:00:00"	8.46	208.3	11.89	13.52	6.604	206.1	13.37	9.95	57.62	57.11	0.511	28.04	26.73	26.226	0	0
"2014-04-10	06:00:00"	8.06	208.2	11.54	11.74	6.089	207.8	13.81	9.95	55.54	54.94	0.593	30.78	29.53	26.222	0	0
"2014-04-10	07:00:00"	7.327	215.6	12.17	11.14	5.755	216.5	13.57	9.35	54.39	53.82	0.57	32.02	30.78	26.231	0	0
"2014-04-10	08:00:00"	7.539	233.8	12.73	11.14	5.763	238.3	15.41	9.35	53.68	52.95	0.736	33.81	32.78	26.245	15.029	0
"2014-04-10	09:00:00"	7.931	236.3	10.33	11.74	6.677	240.4	13.1	12.33	54.89	54.77	0.117	33.07	31.66	26.264	176.66	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-10	10:00:00"	8.78	229.1	13.45	13.52	7.821	227.8	15.01	12.93	61.34	61.68	-0.337	26.49	24.67	26.273	414.71	0
"2014-04-10	11:00:00"	9.71	250.9	12.44	14.72	8.17	253	14.54	12.33	69.95	70.7	-0.743	17.63	15.68	26.275	461.57	0
"2014-04-10	12:00:00"	14.06	293.9	12.29	22.47	8.92	295.9	14.6	17.1	78.21	79.42	-1.214	7.767	5.888	26.283	522.22	0
"2014-04-10	13:00:00"	13.15	303.5	17.53	21.87	9.04	304.6	18.35	18.89	81.6	83.4	-1.77	6.048	4.09	26.277	703.62	0
"2014-04-10	14:00:00"	14.69	310.3	15.7	23.07	10.1	311.8	16.52	18.89	83.7	85.5	-1.816	4.939	2.972	26.263	650.03	0
"2014-04-10	15:00:00"	14.75	308.6	19.81	26.05	10.45	310.5	19.65	21.87	85	87.5	-2.515	3.569	1.612	26.246	916.09	0
"2014-04-10	16:00:00"	13.74	292.2	21.42	27.24	9.57	296	23.76	22.47	85.2	87.1	-1.958	3.077	1.168	26.23	672.44	0
"2014-04-10	17:00:00"	15.5	287.2	15.03	25.45	10.31	289.8	16.3	23.07	84.7	86	-1.285	2.895	1.002	26.213	436.68	0
"2014-04-10	18:00:00"	12.16	270.1	16.45	21.87	9.36	273.1	18.13	18.3	85	85.9	-0.947	3.533	1.653	26.197	417.72	0
"2014-04-10	19:00:00"	10.54	265.9	23.12	18.89	8.01	269.3	24.86	15.31	85.5	86	-0.53	3.256	1.403	26.182	275.06	0
"2014-04-10	20:00:00"	11.17	243.8	12.03	18.3	9.05	246.7	14.34	16.51	84.7	84.5	0.155	5.081	3.248	26.183	137.47	0
"2014-04-10	21:00:00"	7.136	235.8	12.84	11.74	5.189	235.8	15.98	10.54	79.92	79.01	0.91	5.85	4.191	26.194	4.9484	0
"2014-04-10	22:00:00"	5.072	233.1	11	8.75	2.982	230.7	12.17	6.368	74.76	73.5	1.259	6.864	5.336	26.214	0	0
"2014-04-10	23:00:00"	3.6	234.5	10.17	5.771	1.257	237.7	10.18	2.789	73.3	71.2	2.103	6.882	5.735	26.235	0	0
"2014-04-11	00:00:00"	4.843	223.6	11.83	6.964	3.048	219.4	13.9	5.175	71.4	70.11	1.29	7.004	5.552	26.234	0	0
"2014-04-11	01:00:00"	5.121	216	12.46	6.964	3.08	207.9	11.55	5.771	67.88	66.05	1.829	7.932	6.738	26.227	0	0
"2014-04-11	02:00:00"	5.163	252.3	18.25	7.561	2.747	255.7	26.01	4.578	68.55	65.14	3.413	7.263	6.791	26.223	0	0
"2014-04-11	03:00:00"	5.847	277.9	6.736	9.35	3.114	278	12.18	4.578	66.63	62.25	4.384	7.075	7.304	26.221	0	0
"2014-04-11	04:00:00"	5.271	240.6	29.42	11.14	3.327	238.4	30.65	8.16	62.77	60.22	2.554	8.22	7.736	26.217	0	0
"2014-04-11	05:00:00"	5.249	202.1	14.15	9.95	2.894	207.4	17.21	5.771	58.9	56.8	2.102	9.56	9.04	26.213	0	0
"2014-04-11	06:00:00"	6.301	211.6	21.45	10.54	4.607	211.6	23.87	8.16	57.41	56.58	0.823	9.87	8.53	26.217	0	0
"2014-04-11	07:00:00"	4.333	348.9	47.55	11.14	3.475	16.87	48.23	8.75	58.48	52.55	5.936	9.19	10.75	26.235	0	0
"2014-04-11	08:00:00"	5.686	300.6	27.31	8.75	3.65	305.1	48.65	6.368	59.26	52	7.266	8.68	10.85	26.242	10.596	0
"2014-04-11	09:00:00"	6.308	270.2	33.13	11.74	4.005	261.7	42.93	8.16	53.96	52.72	1.238	13.89	13.62	26.266	205.94	0
"2014-04-11	10:00:00"	9.01	303	9.79	12.93	5.716	303.9	11.84	8.75	62.79	63.58	-0.79	10.15	8.46	26.279	361.72	0
"2014-04-11	11:00:00"	7.622	307	20.01	10.54	5.581	306.4	20.83	9.95	69.64	70.81	-1.17	8.54	6.682	26.283	479.14	0
"2014-04-11	12:00:00"	7.719	19.32	26.32	15.31	6.576	17.62	30.22	11.74	76.3	77.78	-1.483	8.27	6.239	26.296	612.94	0
"2014-04-11	13:00:00"	8.43	45.17	23.13	13.52	7.373	44.93	25.51	13.52	77.13	78.67	-1.533	11.13	8.93	26.292	664.25	0
"2014-04-11	14:00:00"	8.68	55.12	16.02	12.93	7.529	56.22	17.92	12.33	77.17	78.9	-1.73	13.92	11.5	26.279	741.85	0
"2014-04-11	15:00:00"	7.519	69.55	27.29	12.33	6.421	70.51	31.04	11.14	78.86	80.4	-1.575	15.87	13.43	26.26	664.17	0
"2014-04-11	16:00:00"	6.074	107	34.89	12.93	5.183	105.8	35.3	11.14	80.9	82	-1.051	13.59	11.45	26.238	520.04	0
"2014-04-11	17:00:00"	4.941	181.9	36.71	11.14	4.242	182.9	42.11	9.95	82.3	83.1	-0.769	10.71	8.75	26.216	445.62	0
"2014-04-11	18:00:00"	6.65	152.1	26.25	13.52	5.52	152.8	27.49	11.74	83.4	84.2	-0.81	8.78	6.826	26.199	379.54	0
"2014-04-11	19:00:00"	9.45	156	27.27	15.91	7.73	156.1	28.06	13.52	84.5	85.1	-0.617	7.108	5.181	26.183	260.81	0
"2014-04-11	20:00:00"	13.51	207.6	33.5	40.36	10.82	206.6	36.78	26.65	83.8	83.7	0.157	6.509	4.677	26.186	58.21	0
"2014-04-11	21:00:00"	9.03	282.5	17.15	18.3	5.541	289.2	17.9	15.31	83.3	81.8	1.48	6.034	4.531	26.187	3.3533	0
"2014-04-11	22:00:00"	4.452	193.4	23.3	6.368	2.265	175.4	28.91	4.578	78.92	76.42	2.495	6.949	5.928	26.195	0	0
"2014-04-11	23:00:00"	5.306	170.4	7.741	6.964	3.037	168.9	9.64	5.175	75.07	73.04	2.031	7.958	6.78	26.204	0	0
"2014-04-12	00:00:00"	6.793	160.1	9.42	10.54	3.531	160	16.34	6.964	74.39	70.63	3.761	8.49	8.13	26.2	0	0
"2014-04-12	01:00:00"	7.059	171.2	11.36	15.31	4.939	170.3	13.83	10.54	71.17	69.46	1.709	8.79	7.696	26.194	0	0
"2014-04-12	02:00:00"	6.334	181.5	20.78	12.33	4.703	181.2	24.42	9.95	64.87	63.68	1.191	10.96	9.77	26.191	0	0
"2014-04-12	03:00:00"	4.819	174.9	13.06	9.35	2.82	169.2	25.09	6.964	63.13	61.15	1.979	11.28	10.7	26.181	0	0
"2014-04-12	04:00:00"	6.131	192.2	15.39	12.93	4.198	187.4	18.18	9.35	61.31	60.02	1.292	13.26	12.14	26.175	0	0
"2014-04-12	05:00:00"	7.004	199.7	12.64	11.14	4.967	202.5	13.4	8.16	60.17	59.35	0.823	28.35	25.98	26.171	0	0
"2014-04-12	06:00:00"	6.374	204.9	10.29	8.75	4.488	203.2	9.66	6.964	59.64	58.91	0.738	44.19	41.82	26.162	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-12	07:00:00"	6.157	207.9	11	8.16	4.461	207.9	12.57	6.368	59.07	58.47	0.606	45.68	43.47	26.159	0	0
"2014-04-12	08:00:00"	6.976	204.3	9.5	9.35	4.976	202.6	9.87	7.561	57.5	56.87	0.627	53.66	51.1	26.169	11.261	0
"2014-04-12	09:00:00"	6.655	214.5	13.16	10.54	5.371	210.5	14.98	9.35	57.49	57.36	0.129	54.87	53.02	26.184	72.441	0
"2014-04-12	10:00:00"	7.692	215.5	11.63	10.54	6.485	217	14.37	9.95	61.89	62.31	-0.414	45.32	43.15	26.189	354.3	0
"2014-04-12	11:00:00"	8.72	216.1	14.87	14.72	7.442	215.5	17.61	12.93	71.61	72.54	-0.928	26.97	24.7	26.187	600.67	0
"2014-04-12	12:00:00"	10.38	231.4	20.05	21.87	8.7	232.5	22.22	20.09	77.94	79.03	-1.091	18.88	16.62	26.184	673.62	0
"2014-04-12	13:00:00"	15.43	253.5	15.73	24.26	12.72	257.2	18.89	23.66	81.8	83.1	-1.311	12.13	9.95	26.166	650.79	0
"2014-04-12	14:00:00"	14	243.3	15.21	24.86	11.7	246	18.36	21.87	82.6	83.9	-1.345	11.15	8.99	26.133	710.68	0
"2014-04-12	15:00:00"	14.89	231.2	17.09	25.45	12.54	231.7	19.74	22.47	83.2	84.3	-1.119	11.38	9.21	26.102	609.47	0
"2014-04-12	16:00:00"	19.15	237.4	13.44	31.42	16.14	239.5	15.95	27.24	82.4	83	-0.656	13.47	11.4	26.087	388.76	0
"2014-04-12	17:00:00"	17.6	219.5	14.61	29.63	14.66	217.5	16.34	24.86	82.2	82.5	-0.338	12.72	10.75	26.064	233.1	0
"2014-04-12	18:00:00"	14.83	213	13.77	26.65	12.41	208.8	15.71	22.47	82	82.1	-0.115	14.18	12.29	26.04	134.81	0
"2014-04-12	19:00:00"	12	201.6	14.95	23.66	9.56	201.2	15.37	17.7	81.9	81.9	0.035	14.11	12.3	26.027	92.688	0
"2014-04-12	20:00:00"	20.01	232	14.16	37.38	16.73	234.5	17.3	34.4	82.1	82	0.133	14.8	13.01	26.021	29.746	0
"2014-04-12	21:00:00"	26.09	225.7	18.13	46.92	21.42	225.3	21.33	39.77	79.22	79.16	0.062	19.18	17.41	26.037	1.0468	0
"2014-04-12	22:00:00"	28.42	203.1	11.47	46.33	22.6	201.6	13.36	39.77	74.11	74.1	0.008	28.68	26.97	26.05	0	0
"2014-04-12	23:00:00"	20.77	206.5	12.43	33.21	17.06	203.4	13.51	26.05	73.28	73.2	0.082	31.68	30.06	26.063	0	0
"2014-04-13	00:00:00"	15.16	212.3	13.12	31.42	12.21	208.3	15.86	26.05	73.08	72.94	0.133	29.16	27.57	26.058	0	0
"2014-04-13	01:00:00"	16.29	220.5	13.15	25.45	13.39	219.5	13.96	23.07	71.79	71.69	0.099	31.05	29.46	26.058	0	0
"2014-04-13	02:00:00"	14.37	216.8	12.72	23.66	11.48	218.7	14.59	20.09	70.62	70.46	0.158	32.72	31.2	26.055	0	0
"2014-04-13	03:00:00"	11.36	207.6	12.01	17.7	9.23	201.8	11.91	14.12	68.62	68.44	0.175	34.75	33.3	26.045	0	0
"2014-04-13	04:00:00"	9.74	215.3	13.34	16.51	7.843	210.2	15.93	15.31	67.5	67.33	0.168	35.61	34.18	26.042	0	0
"2014-04-13	05:00:00"	10.16	226.3	13.65	15.91	8.72	222.9	14.99	14.12	66.95	66.81	0.144	35.84	34.38	26.034	0	0
"2014-04-13	06:00:00"	12.31	238.1	9.82	18.3	10.4	242.4	11.46	17.1	67.82	67.58	0.233	33.65	32.28	26.027	0	0
"2014-04-13	07:00:00"	8.53	229.5	13.5	16.51	6.776	229.9	16.12	14.12	64.96	64.64	0.325	35.05	33.79	26.029	0	0
"2014-04-13	08:00:00"	7.61	223.8	15.19	12.33	5.882	222.8	18.67	9.95	60.46	60.08	0.372	40.93	39.64	26.038	15.217	0
"2014-04-13	09:00:00"	8.13	231.2	13.82	16.51	6.937	229.4	16.35	14.72	60.99	60.95	0.039	41.32	39.68	26.052	185.73	0
"2014-04-13	10:00:00"	16.63	252.2	11.02	30.22	13.36	255.8	14.62	27.84	68.59	69.03	-0.438	27.51	25.61	26.054	407.18	0
"2014-04-13	11:00:00"	24	265.8	10.68	35.59	18.95	270.3	12	31.42	72.67	73.64	-0.973	15.6	13.52	26.05	622.34	0
"2014-04-13	12:00:00"	24.47	270.5	9.86	37.98	18.99	273.5	11.42	30.82	73.61	75.22	-1.605	12.99	10.73	26.052	798.92	0
"2014-04-13	13:00:00"	23.23	268	11.45	40.96	18.18	271.7	12.81	33.21	75.02	76.93	-1.908	10.85	8.57	26.046	923.13	0
"2014-04-13	14:00:00"	20.51	276.2	14.56	35.59	15.28	278.7	16.52	30.22	76.51	79.05	-2.533	9.9	7.517	26.031	983.81	0
"2014-04-13	15:00:00"	18.44	280.8	14.5	32.01	13.39	283.5	16.01	27.84	77.79	80.3	-2.494	9.83	7.434	26.015	958.22	0
"2014-04-13	16:00:00"	16.65	263.8	20.19	32.01	13.16	266.1	22.38	26.05	78.59	80.7	-2.112	9.65	7.346	25.999	902.91	0
"2014-04-13	17:00:00"	15.09	255.1	24.02	30.22	11.91	257	27.22	30.82	79.75	81.5	-1.802	8.88	6.666	25.976	770.39	0
"2014-04-13	18:00:00"	15.77	254.4	15.68	27.24	13.04	257.4	18.01	24.86	80.1	81.4	-1.289	8.7	6.591	25.962	582.89	0
"2014-04-13	19:00:00"	15.72	255.1	14.2	25.45	12.82	259.5	16.88	23.66	80.4	81.1	-0.752	8.3	6.3	25.955	306.01	0
"2014-04-13	20:00:00"	16.73	258	10.29	25.45	13.1	262.7	12.72	23.07	79.61	79.7	-0.095	7.957	6.1	25.959	146.67	0
"2014-04-13	21:00:00"	9.89	243.2	15.77	18.89	7.669	245.3	19.61	18.3	75.61	75.12	0.496	8.51	6.817	25.971	6.1636	0
"2014-04-13	22:00:00"	8.02	217.1	16.06	13.52	6.286	213.3	17.07	11.74	70.75	70.18	0.568	9.88	8.26	25.988	0	0
"2014-04-13	23:00:00"	8.17	213.4	13.46	12.93	6.334	207	15.59	11.14	67.63	66.9	0.732	10.75	9.2	26.009	0	0
"2014-04-14	00:00:00"	5.789	224.6	14.57	9.95	4.024	221.8	17.76	8.16	66.1	65.25	0.851	11.57	10.12	26.028	0	0
"2014-04-14	01:00:00"	18.56	349.8	70.24	45.13	14.75	356.4	65.53	38.57	59.61	58.1	1.505	26.46	25.28	26.08	0	0
"2014-04-14	02:00:00"	31.95	33.58	8.26	44.54	26.3	33.62	10.72	39.17	44.64	44.93	-0.29	53	50.7	26.16	0	0
"2014-04-14	03:00:00"	30.04	28.97	6.872	42.75	24.67	29.39	10.87	37.98	40.07	40.34	-0.275	57.76	55.54	26.207	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-14	04:00:00"	29.37	23.27	6.9	42.75	23.59	22.76	13.47	36.19	38.32	38.59	-0.277	59.55	57.4	26.23	0	0
"2014-04-14	05:00:00"	26.11	26.54	7.689	38.57	21.24	26.01	11.9	32.01	36.4	36.65	-0.252	59.83	57.72	26.257	0	0
"2014-04-14	06:00:00"	24.64	25.91	7.334	35	20.13	25.94	12.38	32.01	34.8	35	-0.2	59.35	57.35	26.288	0	0
"2014-04-14	07:00:00"	24.53	17.41	8.57	34.4	19.52	15.02	17.71	29.63	32.52	32.69	-0.175	58.27	56.42	26.329	0.00058	0
"2014-04-14	08:00:00"	18.55	11.1	9.92	30.22	14.86	6.955	20.63	26.05	30.57	30.68	-0.115	60.7	58.96	26.392	17.781	0
"2014-04-14	09:00:00"	21.28	13.81	7.721	31.42	16.87	11.36	18.59	28.43	32.1	32.67	-0.574	56.2	53.56	26.432	102.28	0
"2014-04-14	10:00:00"	24	12.88	8.67	32.61	19.22	10.65	19.66	27.84	33.68	34.63	-0.955	53.01	49.74	26.465	206.27	0
"2014-04-14	11:00:00"	22.02	10.61	10.45	31.42	17.78	7.898	19.81	27.84	34.7	36.03	-1.327	52.13	48.22	26.491	342.83	0
"2014-04-14	12:00:00"	21.45	11.65	12.57	32.01	17.56	8.82	20.61	26.65	38.82	41.34	-2.519	42.06	37.29	26.509	770.69	0
"2014-04-14	13:00:00"	22.21	14.36	13.45	32.01	18.14	12.25	21.54	29.03	40.91	43.92	-3.007	37.92	33.17	26.509	894.64	0
"2014-04-14	14:00:00"	21.37	10.11	13.72	35	17.62	7.598	21.4	29.03	42.79	45.89	-3.099	36.37	31.61	26.507	956.86	0
"2014-04-14	15:00:00"	20.16	4.462	15.69	30.82	16.69	1.231	21.03	32.01	44.22	47.4	-3.182	34.94	30.19	26.504	935.2	0
"2014-04-14	16:00:00"	20.2	7.81	15	31.42	16.65	4.856	23.06	27.84	46.07	49.14	-3.072	31.04	26.66	26.5	882.69	0
"2014-04-14	17:00:00"	20.45	4.184	15.89	32.61	16.79	0.896	21.23	27.84	47.36	50.07	-2.703	29.17	25.2	26.493	747.8	0
"2014-04-14	18:00:00"	20.46	7.498	14.82	31.42	16.76	3.76	21.41	29.03	47.58	49.77	-2.184	28.87	25.31	26.49	564.53	0
"2014-04-14	19:00:00"	18.71	7.938	11.81	28.43	15.08	4.609	19.76	23.66	47.49	48.97	-1.48	28.79	25.79	26.494	295.93	0
"2014-04-14	20:00:00"	16.4	9.85	12.18	27.24	13.09	5.672	21.59	23.07	46.53	47.12	-0.595	28.94	26.67	26.5	138.39	0
"2014-04-14	21:00:00"	12.4	12.06	7.717	20.68	9.74	7.741	18.22	18.89	44.38	44.1	0.28	30.04	28.55	26.507	7.0579	0
"2014-04-14	22:00:00"	8.22	17.55	6.778	11.74	5.832	10.69	14.58	9.95	41.32	40.35	0.97	32.82	31.94	26.528	0	0
"2014-04-14	23:00:00"	6.839	34.96	6.413	9.95	4.16	17.38	14.95	6.964	40.14	36.49	3.653	34.32	35.6	26.55	0	0
"2014-04-15	00:00:00"	5.316	43.47	11.46	9.35	3.514	32.97	19.5	5.175	39.45	35.9	3.551	34.89	36.16	26.553	0.03503	0
"2014-04-15	01:00:00"	8.65	46.78	7.854	11.14	6.073	44.3	13.63	9.95	38.25	36.98	1.267	35.59	35.21	26.538	0.00058	0
"2014-04-15	02:00:00"	5.975	64.75	19.46	9.95	3.243	59.3	38.27	5.771	35.57	32.76	2.809	38.17	39.11	26.532	0.01468	0
"2014-04-15	03:00:00"	5.806	106	11.34	7.561	2.53	74.51	16.58	4.578	36.32	32.93	3.382	37.39	39.18	26.522	0.10039	0
"2014-04-15	04:00:00"	4.635	112.6	10.19	6.368	1.465	55.27	39.19	4.578	35.63	32.09	3.542	38.16	39.52	26.516	0.07284	0
"2014-04-15	05:00:00"	5.605	279.4	18.38	11.14	3.411	296.1	27.66	9.35	32.65	29.97	2.686	41.19	42.37	26.524	0.06335	0
"2014-04-15	06:00:00"	2.67	312.9	48.19	4.578	3.059	352.5	21.42	3.982	33	27.71	5.287	41.51	45.61	26.511	0.15514	0
"2014-04-15	07:00:00"	2.854	126.5	30.9	5.175	1.42	56.11	26.36	3.982	34.73	29.94	4.783	39.64	43.12	26.498	0.17281	0
"2014-04-15	08:00:00"	4.403	140.5	5.538	6.368	1.625	110.1	20.33	3.982	34.91	31.83	3.081	39.3	41.2	26.503	25.446	0
"2014-04-15	09:00:00"	7.588	169.1	9.97	12.93	5.963	168.8	11.5	11.14	36.28	36.4	-0.123	37.73	36.28	26.525	203.09	0
"2014-04-15	10:00:00"	11.48	177.6	9.13	15.91	9.36	175.5	11.98	14.12	40.22	41.26	-1.043	33.4	31	26.528	420.6	0
"2014-04-15	11:00:00"	11.46	182.8	12.42	18.89	9.36	180.9	15.92	15.31	44.34	45.97	-1.623	28.02	25.25	26.525	632.55	0
"2014-04-15	12:00:00"	13.5	183.4	14.23	21.87	11.09	182.1	18.07	19.49	46.95	49.01	-2.052	21.98	19.12	26.513	811.24	0
"2014-04-15	13:00:00"	15.47	188.1	15.12	26.05	12.68	187.6	17.7	20.68	49.5	51.74	-2.242	18.6	15.76	26.488	933.79	0
"2014-04-15	14:00:00"	17.05	189.5	14.03	27.84	13.84	188.7	17.18	23.07	51.98	54.48	-2.492	15.25	12.45	26.45	992.99	0
"2014-04-15	15:00:00"	16.47	193.4	15.91	27.24	13.4	193	17.99	23.07	55.23	57.57	-2.338	12.68	10.08	26.423	965.47	0
"2014-04-15	16:00:00"	17.08	194.5	15.43	29.63	13.79	193.4	17.9	25.45	57.83	59.97	-2.144	12.09	9.57	26.381	912.68	0
"2014-04-15	17:00:00"	17.62	194.4	12.6	27.24	14.31	193.5	14.57	23.07	60.1	61.94	-1.836	12.37	9.92	26.331	776.37	0
"2014-04-15	18:00:00"	16.84	189.4	12.64	27.24	13.5	188.7	15.12	23.66	62.12	63.67	-1.552	10.93	8.63	26.3	590.37	0
"2014-04-15	19:00:00"	17.99	188.9	10.53	27.24	14.4	188.2	13.79	26.05	63.36	64.25	-0.889	9.92	7.848	26.272	310.6	0
"2014-04-15	20:00:00"	17.97	181.1	8.33	24.86	14.27	179.4	11.22	21.87	63.1	63.22	-0.121	9.78	7.934	26.251	130.03	0
"2014-04-15	21:00:00"	12.78	171.5	7.212	18.3	10.08	168	8.88	15.31	60.16	59.66	0.499	9.81	8.2	26.237	4.129	0
"2014-04-15	22:00:00"	12	168.2	8	18.89	9.56	166.3	9.51	15.91	57.06	56.56	0.502	11.06	9.48	26.234	0	0
"2014-04-15	23:00:00"	12.74	166.6	9.58	18.89	10.14	164	10.86	16.51	53.96	53.52	0.44	12.64	11.11	26.243	0	0
"2014-04-16	00:00:00"	17.82	174.7	6.259	26.05	14.07	171.8	8.77	21.28	54.03	53.61	0.424	13.32	11.78	26.234	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-16	01:00:00"	19.65	175.2	6.284	27.24	15.6	172.5	9.02	23.07	52.66	52.32	0.342	15.93	14.37	26.214	0
"2014-04-16	02:00:00"	16.93	179.8	7.081	25.45	13.32	178.2	10.05	22.47	51.19	50.91	0.275	18.03	16.46	26.204	0
"2014-04-16	03:00:00"	13.51	183.8	8.13	19.49	10.76	183	10.81	16.51	49.75	49.55	0.205	20.14	18.54	26.19	0
"2014-04-16	04:00:00"	13.77	184.2	8.01	19.49	11.04	183.6	11.02	16.51	48.48	48.23	0.256	22.49	20.96	26.169	0
"2014-04-16	05:00:00"	11.75	189.9	8.56	17.1	9.24	190.7	11.95	13.52	47.56	47.35	0.214	23.99	22.47	26.155	0
"2014-04-16	06:00:00"	10.63	189.5	7.91	17.7	8.25	190.7	10.88	15.31	46.64	46.35	0.293	25.11	23.66	26.145	0
"2014-04-16	07:00:00"	8.73	192.7	6.891	13.52	6.491	195.2	10.62	11.14	43.85	43.37	0.488	27.86	26.57	26.137	0
"2014-04-16	08:00:00"	8.61	194.6	6.386	12.33	6.269	198.1	8.96	9.95	41.95	41.51	0.437	29.95	28.62	26.148	33.169
"2014-04-16	09:00:00"	13.2	185.1	8.55	20.68	10.62	184.4	11.74	16.51	44.75	45.03	-0.275	28.75	26.93	26.156	138.44
"2014-04-16	10:00:00"	13.16	183.1	8.26	18.3	10.69	181.3	11.74	15.31	48.44	49.03	-0.583	25.38	23.36	26.158	246.16
"2014-04-16	11:00:00"	11.03	184.3	10.04	15.31	9.17	182.4	13.74	14.12	53.62	55.07	-1.45	21.6	19.16	26.16	619.77
"2014-04-16	12:00:00"	11.53	194.1	15.9	19.49	9.64	193.5	18.84	18.3	61.23	62.88	-1.648	17.14	14.69	26.159	803.61
"2014-04-16	13:00:00"	11.74	207.2	16.07	18.89	9.85	206.5	19.19	15.91	66.98	68.61	-1.636	14.61	12.23	26.144	857.6
"2014-04-16	14:00:00"	10.33	207.3	20.53	16.51	8.72	206.3	24.16	15.91	71.08	72.89	-1.817	13.05	10.66	26.12	964.5
"2014-04-16	15:00:00"	9.09	206.5	23.45	15.31	7.767	206.3	28.64	14.12	74.83	76.56	-1.732	11.29	9	26.099	970
"2014-04-16	16:00:00"	8.96	196.8	27.63	17.7	7.546	198	30.5	14.72	77.21	79	-1.787	10.13	7.86	26.074	906.48
"2014-04-16	17:00:00"	11.12	188.9	24.57	23.66	9.11	186.4	28.85	19.49	78.42	80.2	-1.8	9.87	7.581	26.041	768.66
"2014-04-16	18:00:00"	9.99	183.2	21.29	20.09	8.2	183.6	23.77	19.49	79.44	80.8	-1.325	9.66	7.487	26.018	575.41
"2014-04-16	19:00:00"	11.55	173	19.94	19.49	9.42	171.2	21.09	17.7	79.53	80.4	-0.868	9.81	7.746	26.01	294.79
"2014-04-16	20:00:00"	16.14	156.8	11.07	27.24	13.28	154.9	11.95	23.07	78.2	78.25	-0.053	11.33	9.46	26.01	138.47
"2014-04-16	21:00:00"	15.55	161.6	10.13	24.86	12.74	158.6	10.83	20.09	72.6	72.3	0.3	16.27	14.56	26.031	6.8331
"2014-04-16	22:00:00"	14.98	161.3	9.96	23.66	12.19	158.3	10.67	20.09	67.69	67.36	0.328	22.41	20.79	26.059	0
"2014-04-16	23:00:00"	13.48	169.8	8.72	22.47	10.8	167.7	10.41	18.89	63.74	63.41	0.326	29.15	27.66	26.082	0
"2014-04-17	00:00:00"	12.62	165.8	9.79	18.89	10.17	163.2	11.2	16.51	60.3	59.99	0.31	34.07	32.69	26.091	0
"2014-04-17	01:00:00"	11.43	173.2	9.32	16.51	9.05	171.5	11.26	14.12	57.74	57.41	0.335	37.34	36.06	26.095	0
"2014-04-17	02:00:00"	11.59	173.8	7.676	17.1	9.09	171.3	9.48	13.52	55.66	55.26	0.395	42.38	41.02	26.095	0
"2014-04-17	03:00:00"	10.68	182.7	8.09	15.31	8.36	181.1	11.15	13.52	53.62	53.24	0.374	48.61	47.31	26.094	0
"2014-04-17	04:00:00"	8.27	204.9	20.13	13.52	6.311	206.3	22.73	11.14	51.97	51.59	0.376	54	52.77	26.104	0
"2014-04-17	05:00:00"	12	330.4	17.29	29.03	8.57	331.5	16.51	23.66	50.7	49.81	0.896	54.3	53.94	26.163	0
"2014-04-17	06:00:00"	3.369	232.1	79.24	8.75	1.931	78.28	87.7	5.771	53.04	49.82	3.22	50.82	53.12	26.159	0
"2014-04-17	07:00:00"	5.076	63.95	47.59	9.95	3.227	46.67	30.61	8.16	50.25	48.29	1.957	54.11	54.61	26.171	0
"2014-04-17	08:00:00"	7.864	10.15	20.56	12.33	5.387	5.087	21.37	8.75	46.13	45.12	1.012	59.44	59.43	26.208	10.08
"2014-04-17	09:00:00"	12.19	359.6	12.93	17.1	9.72	355.4	15.02	14.72	48.93	49.29	-0.357	45.25	43.34	26.254	174.33
"2014-04-17	10:00:00"	11.71	352	12.48	15.91	9.68	348.3	16.72	14.12	52.92	54.44	-1.524	40.04	36.94	26.285	402.54
"2014-04-17	11:00:00"	11.52	13.35	17.48	17.7	9.76	11.88	23.8	15.91	55.98	58	-2.019	40.77	36.93	26.314	612.31
"2014-04-17	12:00:00"	14.83	25.99	12.32	24.26	12.58	25.84	18.76	20.09	59.62	61.94	-2.316	40.21	36.11	26.34	784.94
"2014-04-17	13:00:00"	13.51	35.62	16.5	21.87	11.53	36.03	20.39	19.49	62.39	64.8	-2.409	39.02	34.97	26.354	897.82
"2014-04-17	14:00:00"	13.6	26.35	17.51	21.87	11.61	26.06	24.02	20.68	64.47	67.37	-2.897	36.32	31.96	26.352	953.3
"2014-04-17	15:00:00"	12.76	29.74	20.11	22.47	10.87	29.42	26.34	20.68	66.02	68.78	-2.756	33.21	29.13	26.35	928.43
"2014-04-17	16:00:00"	12.03	27.36	21.68	22.47	10.2	27.3	26.69	21.87	67.84	70.45	-2.605	30.94	27.11	26.344	874.51
"2014-04-17	17:00:00"	10.19	34.85	26.13	18.89	8.67	36.57	31.96	18.89	68.74	70.98	-2.243	29.94	26.43	26.334	742.91
"2014-04-17	18:00:00"	9.05	43.38	32.67	18.89	7.694	44.94	37.03	18.3	69.17	70.87	-1.706	29.62	26.54	26.334	559.35
"2014-04-17	19:00:00"	8.79	50.38	33.11	15.91	7.313	51.15	35.94	14.12	69.52	70.6	-1.085	29.46	26.83	26.337	287.36
"2014-04-17	20:00:00"	11.46	65.78	14.4	20.68	9.23	65.72	15.13	17.1	68.36	68.83	-0.477	32.22	30.01	26.347	136.23
"2014-04-17	21:00:00"	12.38	80.9	7.137	18.89	9.35	79.5	9.09	15.91	64.34	64.26	0.073	39.6	37.85	26.364	6.8631

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-17	22:00:00"	16.11	78.28	7.681	24.86	12.14	77.07	9.46	20.09	60.16	60.06	0.097	49.05	47.26	26.393	0
"2014-04-17	23:00:00"	15.97	82.7	7.056	22.47	12.02	81	9.27	18.3	55.83	55.79	0.033	59.85	58.14	26.425	0
"2014-04-18	00:00:00"	15.57	79.25	7.252	23.66	11.94	77.37	9.13	18.3	52.37	52.36	0.006	66.95	65.36	26.443	0
"2014-04-18	01:00:00"	15.09	83.2	6.625	22.47	11.36	81.6	8.76	18.89	49.39	49.42	-0.03	72.66	71.04	26.455	0
"2014-04-18	02:00:00"	12.51	81.1	7.357	19.49	9.52	79.41	9.38	15.31	47.51	47.53	-0.025	76.88	75.39	26.461	0
"2014-04-18	03:00:00"	11.25	74.13	7.752	15.31	8.59	73.09	9.01	12.33	45.75	45.78	-0.025	80.5	79.19	26.454	0
"2014-04-18	04:00:00"	11.56	77.26	7.418	15.91	8.86	76.27	9.52	14.12	44.65	44.77	-0.117	84.3	83.2	26.443	0
"2014-04-18	05:00:00"	12.36	82.5	6.981	17.7	9.63	81.2	9.53	14.12	45.86	46.22	-0.359	86.1	83.9	26.438	0
"2014-04-18	06:00:00"	8.09	96.8	13.27	14.72	6.588	95.9	14.64	12.33	47.07	47.4	-0.332	85.8	83.9	26.44	0
"2014-04-18	07:00:00"	5.944	94.7	16.91	9.95	4.865	93.1	18.7	8.16	48.03	48.39	-0.358	85.6	83.5	26.443	0
"2014-04-18	08:00:00"	8.36	111.5	8.2	11.74	6.739	111	11.02	9.95	48.66	49.03	-0.379	84.5	82.3	26.449	10.866
"2014-04-18	09:00:00"	8.22	115.4	9.37	12.33	6.643	114.5	11.85	9.95	49.23	49.69	-0.453	85.4	83.3	26.463	37.763
"2014-04-18	10:00:00"	9.16	133	10.14	12.33	7.434	132.6	11.16	10.54	50.8	51.49	-0.69	85.9	83.1	26.47	111.51
"2014-04-18	11:00:00"	11.76	141.7	11.56	18.3	9.68	140.1	11.97	14.72	54.13	55.14	-1.015	82	78.23	26.466	234.32
"2014-04-18	12:00:00"	11.1	154.2	11.74	15.91	9.3	151.9	12.53	13.52	55.68	56.48	-0.8	79.73	76.66	26.467	196.54
"2014-04-18	13:00:00"	12.39	146.1	11.77	18.3	10.34	144.2	12.1	16.51	57.21	58.54	-1.326	75.35	71.12	26.465	386.4
"2014-04-18	14:00:00"	12.4	152.6	16.71	20.09	10.31	150.4	17.68	17.1	60.8	62.4	-1.603	66.52	61.91	26.443	597.81
"2014-04-18	15:00:00"	13.38	158.1	17.41	22.47	11.2	156.5	18.59	18.89	64.79	66.88	-2.091	56.39	51.18	26.411	854.68
"2014-04-18	16:00:00"	14.27	147	15.92	21.87	11.75	145.7	16.34	19.49	67.39	69.2	-1.817	48.66	44.02	26.383	592.02
"2014-04-18	17:00:00"	14.68	144.4	14.69	24.86	12.16	143.1	14.2	20.09	69.67	71.19	-1.52	41.76	38.16	26.354	566.98
"2014-04-18	18:00:00"	16.1	145.8	14.77	24.86	13.24	144.4	14.81	21.87	71.9	73.31	-1.417	37.21	34.16	26.329	511.21
"2014-04-18	19:00:00"	16.52	148.1	13.68	24.26	13.51	145.7	14.22	20.09	72.61	73.59	-0.98	35.37	32.75	26.316	299.85
"2014-04-18	20:00:00"	15.25	147.6	10.82	22.47	12.29	145.8	11.09	18.89	71.84	72.11	-0.273	36.02	34.05	26.311	138.06
"2014-04-18	21:00:00"	11.55	146.5	8.74	21.28	9.16	144.2	8.91	15.91	69.46	69.12	0.333	39.22	37.83	26.32	5.2802
"2014-04-18	22:00:00"	9.07	131.5	8.35	11.74	6.014	128.9	9.06	8.75	65.79	64.75	1.038	43.46	42.81	26.331	0
"2014-04-18	23:00:00"	10.79	135.1	8.64	14.72	7.9	134.1	8.76	11.14	63.55	62.9	0.646	47.14	46.19	26.342	0
"2014-04-19	00:00:00"	11.19	153.2	9.4	16.51	8.95	149.9	9.17	14.72	62.24	61.88	0.36	51.51	50.36	26.346	0
"2014-04-19	01:00:00"	9.1	153.2	8.53	15.31	7.261	151	8.73	11.74	61.13	60.87	0.259	54.14	52.88	26.337	0
"2014-04-19	02:00:00"	8.16	159.2	9.49	12.33	6.427	156	9.92	10.54	59.95	59.57	0.376	58.05	57.06	26.335	0
"2014-04-19	03:00:00"	6.596	156.9	9.36	10.54	5.011	150.2	13.74	8.75	58.3	57.83	0.473	61.7	60.76	26.331	0
"2014-04-19	04:00:00"	8.69	169.7	9	15.31	6.762	166.3	10.73	11.74	58.42	58.19	0.234	63.03	61.93	26.327	0
"2014-04-19	05:00:00"	7.834	185.8	14.24	15.31	6.152	183.6	16.25	13.52	59.1	58.95	0.142	63.88	62.67	26.333	0
"2014-04-19	06:00:00"	3.342	183.7	21.24	5.771	2.04	180.9	26.96	4.578	58.59	58.33	0.264	65.37	64.22	26.326	0
"2014-04-19	07:00:00"	7.843	51.54	53.17	16.51	5.977	49.95	54.86	14.72	55.79	55.65	0.147	65.91	64.64	26.319	0
"2014-04-19	08:00:00"	8.38	90.3	8.57	11.74	6.108	89.9	12.24	9.35	55.24	54.89	0.35	66.48	65.38	26.33	12.33
"2014-04-19	09:00:00"	9.06	97.6	8.02	12.93	7.384	96.7	9.51	11.14	55.97	56.2	-0.234	65.76	63.94	26.334	83.441
"2014-04-19	10:00:00"	11.95	139.7	24.5	22.47	9.6	138.7	23.93	17.7	58.28	58.67	-0.398	66.27	64.09	26.343	116.22
"2014-04-19	11:00:00"	14.91	166.5	18.73	26.05	11.88	164.5	19.58	22.47	60.26	60.65	-0.385	72.83	71	26.346	141.88
"2014-04-19	12:00:00"	12.78	170.7	13.96	21.87	10.45	169.1	16.2	23.07	62.69	63.74	-1.052	69.75	66.41	26.332	382.27
"2014-04-19	13:00:00"	10.86	196.3	20.55	20.09	8.87	195.3	22.81	17.7	64.97	65.5	-0.528	64.6	62.92	26.346	257.67
"2014-04-19	14:00:00"	11.17	221.2	25.84	19.49	9.23	221.8	28.82	17.1	66.3	67.03	-0.728	60.94	58.28	26.361	231.47
"2014-04-19	15:00:00"	12.57	259.2	14.88	20.68	10.12	263.4	16.96	17.7	64.91	65.25	-0.341	65.46	64.65	26.38	141.41
"2014-04-19	16:00:00"	15.76	327.9	44.75	26.65	11.54	328.3	43.6	20.68	62.63	63.5	-0.876	74.68	73.32	26.346	375.52
"2014-04-19	17:00:00"	19.72	24.85	16.82	25.45	16.43	23.52	21.66	24.26	64.27	66.04	-1.773	67.28	62.68	26.271	563.8
"2014-04-19	18:00:00"	18.11	56.57	11.3	25.45	14.83	57.32	13.1	24.26	66	67.15	-1.147	61.99	58.34	26.264	378.69

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-19	19:00:00"	14.24	52.31	12.61	20.68	11.73	53.26	13.62	17.7	64.49	64.85	-0.36	66.05	63.92	26.292	68.657	0	
"2014-04-19	20:00:00"	10.43	28.89	15.6	18.3	8.36	27.72	19.84	15.31	61.52	61.15	0.367	74.57	76.31	26.315	5.1632	0.03	
"2014-04-19	21:00:00"	8.76	11.67	31.82	15.31	6.746	9.87	34.46	14.72	59.48	59.13	0.354	80.8	82.6	26.344	2.6111	0.53	
"2014-04-19	22:00:00"	13.62	100	30.02	33.8	10.44	99.6	32.83	29.03	58.96	60.31	-1.348	83.4	83.7	26.341	1.4564	0.51	
"2014-04-19	23:00:00"	7.51	66.52	21.77	12.33	5.951	66.36	24.03	9.95	60.55	63.23	-2.683	82.3	82.4	26.367	0.1416	0	
"2014-04-20	00:00:00"	7.304	144.7	13.42	12.33	5.67	143.3	13.54	10.54	59.27	61.94	-2.676	82.8	83.3	26.363	0.0047	0	
"2014-04-20	01:00:00"	5.376	180.9	28.63	8.16	4.088	183.2	31.63	6.368	57.56	60.12	-2.553	83.9	84.5	26.346	0.0001	0	
"2014-04-20	02:00:00"	6.007	231.7	14.71	9.95	4.951	234.2	19.2	8.75	57.43	60.07	-2.648	87	86.8	26.354	0.00115	0	
"2014-04-20	03:00:00"	5.092	218.8	15.87	8.75	4.174	218.2	17.79	6.964	57.2	59.77	-2.576	87.8	87.5	26.345	0.33937	0	
"2014-04-20	04:00:00"	4.926	196.2	27.28	8.75	3.555	198.7	33.03	6.368	56.75	59.12	-2.379	88.9	88.8	26.315	0.64547	0	
"2014-04-20	05:00:00"	4.763	217	14.3	8.16	3.612	219	17.07	5.771	56.48	59	-2.518	90.1	90	26.317	1.0074	0	
"2014-04-20	06:00:00"	5.354	212.9	14.68	8.16	4.356	212.1	15.26	7.561	56.23	58.72	-2.494	90.6	90.3	26.315	1.1731	0	
"2014-04-20	07:00:00"	5.119	224.4	18.52	8.16	3.941	225.3	22.65	6.368	55.76	58.32	-2.559	90.9	90.7	26.323	2.0555	0	
"2014-04-20	08:00:00"	5.139	263.9	13.43	8.16	4	268.8	13.51	6.964	55.46	58.09	-2.627	91.1	90.8	26.341	9.6657	0	
"2014-04-20	09:00:00"	4.536	291.6	11.77	6.964	2.893	295.4	11.86	5.771	55.79	58.59	-2.799	91.3	91	26.356	68.298	0	
"2014-04-20	10:00:00"	5.342	277.4	17.34	8.16	3.794	280.8	16.84	6.368	57	59.96	-2.962	91.4	91.1	26.365	133.56	0	
"2014-04-20	11:00:00"	5.669	224	25.73	10.54	4.765	226.1	29.78	8.75	58.9	61.66	-2.757	91	89.9	26.371	242.1	0	
"2014-04-20	12:00:00"	9.89	183.2	12.19	16.51	8.17	180	15.25	14.12	60.65	63.98	-3.333	86	82.1	26.365	635.84	0	
"2014-04-20	13:00:00"	8.37	199.4	19.02	15.31	7.018	197.9	20.96	15.31	63.69	65.76	-2.07	72.92	71.54	26.348	916.31	0	
"2014-04-20	14:00:00"	7.768	223.5	23.73	14.72	6.632	223	27.1	13.52	66.87	68.26	-1.392	63.54	62.03	26.325	965.84	0	
"2014-04-20	15:00:00"	9.51	207.3	24.45	17.1	7.971	205	26.86	14.72	70.39	71.72	-1.323	54.44	52.36	26.301	923.57	0	
"2014-04-20	16:00:00"	11.2	202	18.25	24.26	9.24	200.8	20.13	19.49	73.29	74.43	-1.139	43.7	41.81	26.274	727.54	0	
"2014-04-20	17:00:00"	14.23	243.2	19.63	26.05	11.85	245.5	22.26	21.28	76.47	77.37	-0.901	29.89	28.3	26.246	648.55	0	
"2014-04-20	18:00:00"	15.11	259.8	13.96	28.43	12	263.6	15.81	25.45	76.75	77.49	-0.746	29.67	28.2	26.234	420.34	0	
"2014-04-20	19:00:00"	15.83	265	12.2	24.86	12.46	268.9	13.95	21.28	77.24	77.88	-0.638	27.6	26.16	26.24	360.79	0	
"2014-04-20	20:00:00"	13.25	273.4	12.47	21.28	9.78	277.1	12.92	17.1	76.25	76.33	-0.077	29.83	28.86	26.247	150.38	0	
"2014-04-20	21:00:00"	7.986	246.9	10.13	14.12	6.18	250.9	13	11.74	73.96	73.38	0.582	33.51	33.26	26.258	8.5538	0	
"2014-04-20	22:00:00"	4.202	230.5	28.29	6.964	1.99	211.5	39.82	5.771	71.3	69.32	1.975	37.39	41.11	26.282	0	0	
"2014-04-20	23:00:00"	4.548	216.4	13.19	6.368	2.111	203.5	15.88	3.386	70.01	68	2.014	38.48	42.5	26.296	0	0	
"2014-04-21	00:00:00"	4.75	240.1	16.11	7.561	2.791	242.6	21.35	6.368	68.19	66.6	1.597	41.52	44.75	26.292	0	0	
"2014-04-21	01:00:00"	6.41	217.5	44.74	12.93	4.436	218.2	47.73	11.14	64.89	63.59	1.299	50.08	52.97	26.289	0	0	
"2014-04-21	02:00:00"	9.04	195.4	10.37	13.52	6.877	196.3	13.1	11.74	60.95	60.55	0.398	76.95	76.97	26.292	0	0	
"2014-04-21	03:00:00"	6.622	215.5	13.29	11.14	5.235	213.3	14.86	8.16	60.13	59.86	0.265	84	83.7	26.294	0	0	
"2014-04-21	04:00:00"	5.863	228.8	12.75	8.75	4.591	233.2	16.32	6.964	58.79	58.52	0.264	86.8	86.5	26.297	0.17304	0	
"2014-04-21	05:00:00"	5.101	225.2	12.88	8.16	3.782	224.9	15.29	6.964	57.88	57.56	0.312	88.2	87.9	26.301	0.7468	0	
"2014-04-21	06:00:00"	4.173	230.2	12	6.368	2.885	231.9	17.15	5.175	57.2	56.77	0.424	89.4	89.1	26.301	1.0166	0	
"2014-04-21	07:00:00"	5.035	219.8	15.45	9.35	3.76	221.8	25.24	8.16	56.57	56.23	0.338	90.3	90.1	26.31	1.6762	0	
"2014-04-21	08:00:00"	5.25	211	17.66	9.95	4.494	209.5	20.04	9.95	55.65	55.69	-0.041	90.9	90.7	26.332	18.921	0.01	
"2014-04-21	09:00:00"	3.751	215.4	20	6.368	3.076	217	22.59	5.771	55.39	55.59	-0.195	91.2	91	26.352	122.82	0	
"2014-04-21	10:00:00"	2.953	234.8	40.61	5.175	2.135	227.4	45.73	5.175	56.37	56.66	-0.291	91.7	91.5	26.365	378.14	0	
"2014-04-21	11:00:00"	2.65	213	44.17	4.578	1.967	209.8	47.42	4.578	62.35	61.68	0.67	83.9	81.2	26.37	629.54	0	
"2014-04-21	12:00:00"	7.077	30.44	24.86	14.72	5.975	30.48	28.99	12.93	72.87	74.25	-1.385	38.2	36.5	26.372	801.9	0	
"2014-04-21	13:00:00"	7.471	42.25	28.56	15.31	6.412	43.86	35.13	14.12	76	77.59	-1.585	32.21	30.16	26.365	918.18	0	
"2014-04-21	14:00:00"	8.9	26.75	31.33	16.51	7.497	24.16	37.39	15.31	78.39	80.3	-1.924	28.32	26.01	26.352	973.7	0	
"2014-04-21	15:00:00"	7.055	41.59	42.3	14.12	6.049	45.42	46.4	13.52	79.2	80.8	-1.564	27.16	24.98	26.34	855.7	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-21	16:00:00"	6.522	36.02	54.58	19.49	5.364	36.16	58.47	18.3	80.1	81.4	-1.234	25.7	23.58	26.326	637.14	0	
"2014-04-21	17:00:00"	6.475	35.58	45.32	16.51	5.498	34.62	49.56	14.12	80.8	81.9	-1.039	25.06	23.11	26.308	520.93	0	
"2014-04-21	18:00:00"	8.93	43.28	16.84	17.7	7.51	44.56	18.58	15.91	81	82	-0.994	24.48	22.67	26.298	352.18	0	
"2014-04-21	19:00:00"	9.38	59.04	18	17.7	7.736	60.02	19.44	15.31	81	81.6	-0.623	24.98	23.32	26.296	290.91	0	
"2014-04-21	20:00:00"	9.94	62.64	12.26	17.1	7.767	62.51	13.27	14.12	80	80	0.003	25.6	24.43	26.298	137.27	0	
"2014-04-21	21:00:00"	9.12	49.85	7.365	12.93	6.696	50.39	8.49	11.14	76.55	75.54	1.009	29.97	30.05	26.312	7.2854	0	
"2014-04-21	22:00:00"	8.51	58.13	4.232	10.54	5.107	58.69	7.305	8.16	71.13	69.53	1.606	38.05	40.05	26.33	0	0	
"2014-04-21	23:00:00"	12.39	75.18	15.14	20.68	8.83	74.85	14.94	15.91	70.02	69.05	0.974	40.52	41.02	26.356	0	0	
"2014-04-22	00:00:00"	13.33	86.4	6.353	18.3	9.77	85	8.52	14.72	68.33	67.82	0.509	47.08	46.45	26.374	0	0	
"2014-04-22	01:00:00"	13.1	87.8	6.725	18.3	9.69	86.2	8.61	15.91	66.45	65.96	0.492	51.07	50.56	26.379	0	0	
"2014-04-22	02:00:00"	12.2	84.5	6.584	17.1	8.86	82.2	8.75	13.52	64.32	63.86	0.463	55.62	55.17	26.384	0	0	
"2014-04-22	03:00:00"	11.49	93.6	9.5	15.31	8.42	92.2	10.94	11.74	62.3	61.87	0.435	61.26	60.9	26.386	0	0	
"2014-04-22	04:00:00"	10.69	107.5	8.78	14.72	8.05	106.5	10.5	12.93	61.34	60.91	0.429	65.95	65.66	26.383	0	0	
"2014-04-22	05:00:00"	4.976	122.7	15.3	11.14	3.347	117.9	20.26	8.16	60.21	59.48	0.731	69.07	69.55	26.388	0	0	
"2014-04-22	06:00:00"	5.767	102.2	7.143	9.35	3.536	86.5	10.89	5.175	59.56	58.02	1.542	70.12	72.41	26.385	0	0	
"2014-04-22	07:00:00"	6.544	105.6	7.608	8.16	3.725	87.5	12.03	5.175	58.92	56.88	2.042	71.12	74.6	26.386	0.01956	0	
"2014-04-22	08:00:00"	7.478	78.71	8.76	8.75	4.405	67.13	9.44	6.368	57.69	55.93	1.761	73.01	76.75	26.397	31.804	0	
"2014-04-22	09:00:00"	7.309	112.6	16.71	14.12	5.563	110.1	19.19	11.74	60.1	60.12	-0.017	68.13	67.96	26.413	202.21	0	
"2014-04-22	10:00:00"	13.66	132.6	9.74	21.87	10.94	131.7	10.54	17.7	65.61	66.18	-0.569	53.9	52.21	26.408	418.5	0	
"2014-04-22	11:00:00"	14.23	131.4	13.95	23.66	11.46	130.7	14.01	18.89	68.25	69.36	-1.11	47.3	44.58	26.408	622.57	0	
"2014-04-22	12:00:00"	12.62	150	15.39	18.3	10.36	148.7	16.33	16.51	70.73	72.12	-1.387	42.83	39.82	26.399	794.48	0	
"2014-04-22	13:00:00"	13.6	142.4	18.36	20.09	11.17	141.5	19.15	20.09	73.55	75.32	-1.772	37.34	34.51	26.375	910.69	0	
"2014-04-22	14:00:00"	13.76	146.5	15.8	21.87	11.43	144.9	16.19	18.89	76.05	77.9	-1.85	33.32	30.53	26.344	964.71	0	
"2014-04-22	15:00:00"	14.94	160.1	17.19	23.66	12.3	157.9	18.29	21.28	78.28	80.2	-1.908	30.36	27.62	26.31	935.89	0	
"2014-04-22	16:00:00"	14.27	158.8	17.28	24.86	11.8	156.7	18.81	22.47	79.86	81.7	-1.802	28.59	25.96	26.278	889.2	0	
"2014-04-22	17:00:00"	15.13	159.1	16.04	26.65	12.47	156	16.68	21.28	81	82.6	-1.579	27.56	25.08	26.244	724.08	0	
"2014-04-22	18:00:00"	14.87	156.3	15.35	26.05	12.17	154	16.1	21.87	81.2	82.4	-1.258	27.15	24.88	26.215	472.91	0	
"2014-04-22	19:00:00"	16.81	160.3	16.6	26.65	13.65	157.7	16.73	23.07	81.3	82	-0.718	26.71	24.74	26.196	331.81	0	
"2014-04-22	20:00:00"	15.55	166	10.64	24.86	12.58	163.1	11.92	22.47	80.8	80.9	-0.137	26.96	25.36	26.187	154.1	0	
"2014-04-22	21:00:00"	14.3	173.7	9.54	23.66	11.25	170.4	11.29	18.3	77.19	76.97	0.216	31.81	30.58	26.181	13.719	0	
"2014-04-22	22:00:00"	9.75	150.1	13.98	13.52	7.516	147.2	13.52	11.74	72.59	72.19	0.4	37.73	36.86	26.185	0	0	
"2014-04-22	23:00:00"	10.73	134.6	7.529	16.51	7.699	132.8	7.902	13.52	70.29	69.65	0.642	41.68	41.27	26.194	0	0	
"2014-04-23	00:00:00"	13.2	132.9	7.184	19.49	10.06	132.3	7.812	16.51	69.79	69.25	0.533	40.09	39.42	26.189	0	0	
"2014-04-23	01:00:00"	14.28	139.5	6.891	18.89	11.15	137.9	7.38	15.91	68.87	68.37	0.501	37.48	36.71	26.182	0	0	
"2014-04-23	02:00:00"	14.84	150.4	8.27	21.28	11.95	147.8	8.67	17.7	68.12	67.74	0.375	39.05	38.1	26.172	0	0	
"2014-04-23	03:00:00"	13.72	156.1	10.55	21.87	11.07	153.5	10.81	17.1	67.14	66.78	0.36	40.96	39.89	26.161	0	0	
"2014-04-23	04:00:00"	12.88	154	9.12	18.3	10.37	151.2	9.19	15.31	66.16	65.82	0.332	44.73	43.62	26.144	0	0	
"2014-04-23	05:00:00"	11.93	164	10.06	18.3	9.58	160.6	11.14	14.12	65.45	65.23	0.227	48.79	47.68	26.138	0	0	
"2014-04-23	06:00:00"	15.6	170.8	7.542	24.86	12.4	167.6	9.65	20.09	65.94	65.67	0.267	51.13	50.1	26.13	0	0	
"2014-04-23	07:00:00"	15.14	173.1	6.343	24.26	12.05	170.4	9.11	20.68	65.19	64.98	0.211	54.07	53.02	26.13	0.00019	0	
"2014-04-23	08:00:00"	13.68	171.1	7.06	20.09	10.91	168.6	9.14	17.1	64.03	63.84	0.188	59.48	58.47	26.129	22.848	0	
"2014-04-23	09:00:00"	16.33	173.2	7.729	26.05	12.96	170.7	10.05	21.28	65.08	65.11	-0.033	60.71	59.4	26.129	146.87	0	
"2014-04-23	10:00:00"	19.41	179.8	7.983	27.84	15.5	177.2	10.72	23.07	68.61	69.06	-0.453	54.26	52.2	26.126	362.76	0	
"2014-04-23	11:00:00"	17.19	185.3	9.2	24.86	13.77	183.7	12.69	21.28	71.78	72.73	-0.949	48.19	45.38	26.126	529.53	0	
"2014-04-23	12:00:00"	15.44	202.3	14.52	24.86	12.43	200.9	16.61	23.07	74.78	75.72	-0.938	42.3	39.65	26.12	615.31	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-23	13:00:00"	13.27	228.3	18.5	23.07	10.98	227.8	21.46	19.49	78.18	79.1	-0.914	32.99	30.85	26.105	668.27	0
"2014-04-23	14:00:00"	14.44	242.5	19.26	26.05	11.86	244.5	23.06	21.28	80.9	82.1	-1.239	22.52	20.38	26.081	759.65	0
"2014-04-23	15:00:00"	13.15	238.3	19.49	23.07	10.92	240.2	23.54	21.87	81.6	82.6	-0.979	20.11	18.14	26.065	640.68	0
"2014-04-23	16:00:00"	14.75	228.8	19.32	24.86	12.16	228.5	22.68	23.07	83.2	84.3	-1.148	17.14	15.13	26.04	794.08	0
"2014-04-23	17:00:00"	16.4	222.1	16.89	29.03	13.36	221.6	20.55	24.26	84.4	85	-0.606	12.63	10.8	26.008	519.96	0
"2014-04-23	18:00:00"	19.45	222.6	15.31	29.63	16.07	221.4	18.02	26.65	85.1	85.4	-0.3	8.99	7.2	25.982	325.48	0
"2014-04-23	19:00:00"	19.97	247.1	13.04	30.22	15.79	249.8	16.06	26.05	84.9	85.1	-0.239	9.22	7.556	25.975	276.82	0
"2014-04-23	20:00:00"	18.56	242.8	11.64	30.22	15.32	245.9	13.47	26.65	84.5	84.5	0.026	9.16	7.49	25.97	183.19	0
"2014-04-23	21:00:00"	11.51	250.6	8.57	22.47	8.79	254.7	11.82	20.09	81	80.2	0.779	11.27	10.01	25.981	11.268	0
"2014-04-23	22:00:00"	8.28	255.7	8.17	12.33	5.594	260.3	10	9.95	75.07	73.85	1.223	14.4	13.71	26.001	0	0
"2014-04-23	23:00:00"	9.69	262	8.56	17.1	7.068	264.8	9.75	13.52	73.43	72.36	1.073	14.13	13.25	26.021	0	0
"2014-04-24	00:00:00"	7.895	250.4	8.84	12.93	5.465	255.1	10.9	10.54	71.3	69.91	1.389	15.29	14.86	26.034	0	0
"2014-04-24	01:00:00"	6.816	254.5	8.23	9.95	4.375	255.4	10.36	6.964	69.53	67.83	1.698	16.54	16.62	26.043	0	0
"2014-04-24	02:00:00"	9.12	281.6	16.59	13.52	5.155	287.8	20.27	11.74	67.02	65.13	1.885	18.62	18.93	26.054	0	0
"2014-04-24	03:00:00"	12.59	299.7	16.9	29.03	7.262	304.4	15.78	19.49	68.34	66.42	1.912	18.55	18.61	26.073	0	0
"2014-04-24	04:00:00"	12.94	327.8	11.41	23.66	8.77	328.2	12.32	19.49	64.71	63.1	1.605	21.66	21.69	26.1	0	0
"2014-04-24	05:00:00"	10.5	329.2	5.426	17.7	6.683	329.5	7.009	14.72	64.11	60.86	3.247	21.83	23.62	26.132	0	0
"2014-04-24	06:00:00"	9.84	326.1	4.522	12.93	5.584	328.4	7.546	8.16	59.45	55.99	3.467	25.45	28.48	26.155	0	0
"2014-04-24	07:00:00"	14.91	337.5	7.303	21.87	10.63	336.6	9.15	17.7	58.7	57.29	1.407	23.94	24.15	26.182	0.03001	0
"2014-04-24	08:00:00"	18.51	333.6	6.556	29.03	13.86	333.2	9.04	23.66	59.1	58.34	0.76	18.14	17.41	26.205	41.344	0
"2014-04-24	09:00:00"	22.78	334.3	9.02	36.19	17.54	333.5	10.78	29.03	61.55	61.64	-0.087	15.73	14.44	26.249	238.21	0
"2014-04-24	10:00:00"	25.18	6.928	16.76	38.57	19.88	3.627	20.66	32.61	60.5	61.45	-0.958	22.41	20.44	26.287	445.59	0
"2014-04-24	11:00:00"	22.32	18.51	9.89	30.22	18.04	16.62	16.1	27.84	59.53	61.24	-1.712	35.35	32.44	26.306	634.12	0
"2014-04-24	12:00:00"	22.28	23	9.66	32.01	18.2	22.38	15.16	28.43	62.19	64.39	-2.199	32.34	29.17	26.312	829.41	0
"2014-04-24	13:00:00"	18.42	20.29	13.34	29.03	15.13	18.3	18.87	25.45	65.64	68.2	-2.558	28.1	24.95	26.314	950.54	0
"2014-04-24	14:00:00"	15.83	6.065	17.22	27.24	12.8	2.625	20.21	23.07	68.99	71.83	-2.845	22.95	20.03	26.299	1008.8	0
"2014-04-24	15:00:00"	11.92	346.8	25.4	23.07	9.6	345.2	26.55	21.28	70.9	73.52	-2.619	20.07	17.4	26.287	974.03	0
"2014-04-24	16:00:00"	10.07	314.8	26.73	20.68	7.654	315.8	29.25	17.1	72.92	75.26	-2.343	17.77	15.38	26.269	921.54	0
"2014-04-24	17:00:00"	8.17	325.3	34.37	17.7	6.119	325	36.24	13.52	74.57	76.57	-2.001	15.36	13.25	26.252	775.72	0
"2014-04-24	18:00:00"	7.84	327.2	42.12	18.89	6.254	325.1	41.85	16.51	75.88	77.51	-1.63	12.06	10.17	26.233	545.82	0
"2014-04-24	19:00:00"	5.933	348	40.73	13.52	4.727	346.9	44.82	9.95	76.32	77.47	-1.152	11.02	9.28	26.23	389.79	0
"2014-04-24	20:00:00"	3.115	53.18	49.18	6.964	2.468	55.19	52.21	8.16	75.84	75.85	-0.007	10.68	9.66	26.226	130.89	0
"2014-04-24	21:00:00"	6.992	82.9	12.21	9.95	3.859	79.09	12.89	5.771	71.68	69.63	2.059	16.6	17.76	26.233	9.9782	0
"2014-04-24	22:00:00"	9.69	101.6	7.424	11.74	5.51	96.7	8.95	7.561	66.63	64.54	2.087	22.28	23.64	26.248	0	0
"2014-04-24	23:00:00"	10.44	112	6.256	12.93	6.727	106.9	8.34	8.75	64.91	63.48	1.422	22.95	22.95	26.253	0	0
"2014-04-25	00:00:00"	11.21	124.7	11.71	17.1	7.796	123	13.87	13.52	64.79	63.77	1.016	24.31	23.78	26.248	0	0
"2014-04-25	01:00:00"	9.12	143.6	8.33	14.72	6.505	141.4	9.17	11.14	62.88	62.02	0.853	26.76	26.22	26.252	0	0
"2014-04-25	02:00:00"	9.68	153	7.991	14.12	7.349	149.9	7.976	12.33	61.46	60.79	0.669	28.32	27.59	26.247	0	0
"2014-04-25	03:00:00"	10.22	154.1	8.14	15.31	7.874	151.5	8.44	12.93	60.75	60.09	0.663	28.77	28.06	26.243	0	0
"2014-04-25	04:00:00"	7.049	193.1	29.54	14.12	5.241	199.1	35.86	12.33	58.57	57.91	0.651	30.92	30.26	26.243	0	0
"2014-04-25	05:00:00"	3.09	192.3	22.75	6.368	1.416	175.5	60.61	6.368	58.66	56.84	1.818	30.28	31.23	26.245	0	0
"2014-04-25	06:00:00"	3.719	168.1	8.06	6.368	1.635	127.4	18.04	3.386	57.62	54.93	2.688	31.21	33.6	26.241	0	0
"2014-04-25	07:00:00"	6.957	180.2	7.794	11.74	4.46	180.3	10.61	8.16	57.97	56.39	1.582	30.42	31.52	26.241	0.05225	0
"2014-04-25	08:00:00"	6.188	167.8	14	9.95	4.198	160.2	16.2	7.561	57.63	56.48	1.142	30.34	30.9	26.248	36.638	0
"2014-04-25	09:00:00"	9.11	156.4	11.74	15.91	7.076	153.7	12.06	13.52	61.42	61.23	0.187	28.42	27.7	26.256	217.59	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-25	10:00:00"	16.52	176.7	8.29	26.05	13.1	174.5	11.04	21.28	68.03	68.46	-0.434	31.31	29.62	26.255	439.9	0	
"2014-04-25	11:00:00"	20.29	182.2	8.74	27.24	16.09	180.4	12.48	23.66	71.34	72.38	-1.043	37.79	35.45	26.253	648.38	0	
"2014-04-25	12:00:00"	16.43	187.8	13.56	25.45	13.17	186.2	15.8	22.47	74.9	76.35	-1.453	29.32	26.87	26.253	824.53	0	
"2014-04-25	13:00:00"	15.28	199.7	16.54	26.65	12.52	198.2	18.46	21.28	79.22	80.7	-1.494	19.76	17.48	26.234	948.28	0	
"2014-04-25	14:00:00"	12.84	201.5	17.07	22.47	10.61	200.1	19.2	20.68	81.8	83.4	-1.606	14.93	12.81	26.21	1003.3	0	
"2014-04-25	15:00:00"	13.17	201.4	21.19	24.26	10.84	200.2	23.52	21.28	83.7	85.4	-1.663	11.95	9.91	26.183	964.77	0	
"2014-04-25	16:00:00"	15.42	200.2	16.88	26.65	12.42	199.2	18.97	24.26	85.6	87.2	-1.599	9.82	7.831	26.159	906.52	0	
"2014-04-25	17:00:00"	17.13	197.9	16.26	29.03	13.71	196.5	18.1	24.86	86.4	87.6	-1.277	9.25	7.293	26.128	714	0	
"2014-04-25	18:00:00"	17.52	197.8	15.4	29.63	14.11	196.4	17.22	26.65	87.1	88	-0.886	9.35	7.451	26.099	500.14	0	
"2014-04-25	19:00:00"	17.1	201.9	15.43	29.03	13.64	200.2	16.65	23.66	87.9	88.4	-0.442	9.44	7.612	26.078	384.05	0	
"2014-04-25	20:00:00"	13.94	206.5	14.86	23.07	11.2	204.6	17.15	20.68	87.3	87.2	0.103	10	8.26	26.068	141.54	0	
"2014-04-25	21:00:00"	10.38	181.7	12.16	16.51	7.749	178.5	16.11	12.33	83	82.1	0.935	14.71	13.43	26.073	3.7874	0	
"2014-04-25	22:00:00"	9.4	177.9	25.71	16.51	7.097	172.8	26.87	12.33	78.93	77.96	0.976	21.74	20.61	26.095	0	0	
"2014-04-25	23:00:00"	11.13	156	10.22	20.68	8.76	152.3	10.66	17.7	76.65	75.93	0.729	33.49	32.45	26.098	0	0	
"2014-04-26	00:00:00"	18.06	168	9.2	27.24	14.26	165.3	10.7	24.26	75.57	75.09	0.489	40.67	39.54	26.095	0	0	
"2014-04-26	01:00:00"	16.78	175.2	6.408	24.86	13.1	172.3	8.99	21.87	73.25	72.82	0.432	49.59	48.51	26.096	0	0	
"2014-04-26	02:00:00"	15.68	177.2	6.518	20.68	12.22	174.4	9.3	18.3	71.63	71.22	0.405	54.91	53.96	26.082	0	0	
"2014-04-26	03:00:00"	13.11	181.4	8.25	18.89	10.23	180	11.61	15.31	70.43	70.07	0.361	60.29	59.41	26.067	0	0	
"2014-04-26	04:00:00"	9.72	199.5	16.44	16.51	7.707	198.5	18.42	14.12	69.49	69.18	0.309	63.5	62.63	26.063	0	0	
"2014-04-26	05:00:00"	9.88	184.3	9.27	14.72	7.58	183.9	12.65	12.93	68.39	68.02	0.37	65.37	64.73	26.053	0	0	
"2014-04-26	06:00:00"	8.25	195.3	10.97	12.93	6.294	196.9	12.54	9.95	66.93	66.53	0.399	67.16	66.61	26.053	0	0	
"2014-04-26	07:00:00"	7.196	200.2	11.32	10.54	5.326	200.6	12.14	8.16	65.3	64.88	0.422	69.62	69.18	26.054	0.01256	0	
"2014-04-26	08:00:00"	5.682	200.2	13.18	8.75	4.143	201.4	17.2	6.964	63.68	63.23	0.458	71.83	71.58	26.061	21.911	0	
"2014-04-26	09:00:00"	7.514	185.8	9.72	12.33	5.997	184.3	12.9	10.54	63.89	63.98	-0.09	69.23	68.15	26.065	160.85	0	
"2014-04-26	10:00:00"	9.54	196	13.28	15.31	7.649	195.9	15.66	12.33	68.81	69.31	-0.501	55.4	53.35	26.069	352.76	0	
"2014-04-26	11:00:00"	12.32	221	17.25	22.47	10.17	219.2	20.01	20.09	75.52	76.04	-0.517	29.76	27.92	26.059	569.45	0	
"2014-04-26	12:00:00"	17.81	225.3	16.01	29.03	14.51	224.7	18.59	26.05	80.3	81.1	-0.745	14.35	12.48	26.049	745.96	0	
"2014-04-26	13:00:00"	20.39	225.2	15.93	35	16.87	225.6	18.6	29.03	82.9	83.9	-0.931	10.12	8.2	26.024	928.98	0	
"2014-04-26	14:00:00"	21.13	233.6	18.19	36.78	17.4	234.4	21.66	30.82	84.4	85.2	-0.87	8.59	6.704	25.987	681	0	
"2014-04-26	15:00:00"	21.14	233.7	15.09	37.38	17.65	234.4	17.72	30.22	84.7	85.4	-0.677	8.95	7.071	25.962	647.3	0	
"2014-04-26	16:00:00"	20.99	226.4	16.09	34.4	17.43	226.8	19.71	29.63	86	86.8	-0.711	8.13	6.217	25.935	674.37	0	
"2014-04-26	17:00:00"	20.58	223.3	16.97	37.38	17.15	221.7	20.68	32.01	87.4	88.2	-0.781	7.86	5.929	25.903	748.87	0	
"2014-04-26	18:00:00"	21.36	232.2	15.27	38.57	17.43	234	17.98	32.61	87.7	88.2	-0.592	6.053	4.186	25.88	519.16	0	
"2014-04-26	19:00:00"	19.85	225.6	15.49	35	16.14	225.7	18.07	29.63	86.5	86.7	-0.202	5.424	3.582	25.867	276.13	0	
"2014-04-26	20:00:00"	16.55	240.9	15.64	30.22	13.15	242.2	18.52	23.66	84.3	84.2	0.147	6.149	4.404	25.86	91.992	0	
"2014-04-26	21:00:00"	13.23	226.3	16.49	23.07	10.57	226.5	19.34	18.89	82.1	81.8	0.34	7.201	5.472	25.854	17.139	0	
"2014-04-26	22:00:00"	11.26	208.7	12.64	20.68	8.7	208.2	15.4	17.1	78.79	78.29	0.501	8.03	6.413	25.854	0	0	
"2014-04-26	23:00:00"	7.939	226.4	16.66	12.93	6.258	224.1	19.45	11.74	74.99	74.53	0.461	10.03	8.52	25.88	0	0	
"2014-04-27	00:00:00"	14.29	245.9	12.88	26.65	11.39	247.2	16.93	22.47	77.52	77.04	0.477	8.83	7.231	25.887	0	0	
"2014-04-27	01:00:00"	15.92	263.5	9.46	29.03	12.47	268	11.13	24.26	76.74	76.42	0.319	10.32	8.7	25.895	0	0	
"2014-04-27	02:00:00"	23.13	270.8	10.36	41.56	17.63	274.7	11.15	33.21	74.97	74.74	0.223	14.84	13.22	25.907	0	0	
"2014-04-27	03:00:00"	27.58	279.8	8.42	41.56	19.52	282.8	11.1	36.19	70.44	70.22	0.218	22.95	21.41	25.925	0	0	
"2014-04-27	04:00:00"	21.45	283.9	7.859	31.42	14.27	287.6	10.14	24.86	66.34	65.93	0.419	27.13	25.83	25.95	0	0	
"2014-04-27	05:00:00"	17.8	280.2	9.51	36.19	12.2	283.3	11.46	26.05	63.97	63.5	0.472	27.83	26.65	25.963	0	0	
"2014-04-27	06:00:00"	12.96	252.8	12.75	19.49	9.99	256.7	15.04	15.91	61.36	61.05	0.311	30.06	28.78	25.972	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-04-27	07:00:00"	10.03	229.1	14.08	18.89	7.988	229.2	16.59	16.51	58.52	58.29	0.232	31.41	30.07	25.973	0.05158	0
"2014-04-27	08:00:00"	12.76	252	9.71	20.09	9.77	254.3	12.68	15.91	57.56	57.31	0.249	25.02	23.79	25.982	52.4	0
"2014-04-27	09:00:00"	14.73	253	12.94	27.24	11.77	256.7	16.11	23.07	58.1	58.33	-0.234	23.93	22.34	25.99	243.52	0
"2014-04-27	10:00:00"	22.22	266.8	9.95	33.21	17.51	270.9	11.44	27.24	59.59	60.35	-0.766	23.87	21.9	25.978	461.92	0
"2014-04-27	11:00:00"	21.4	248.4	11.72	30.82	17.28	251.4	15.16	27.84	61.78	62.91	-1.124	21.39	19.24	25.98	667.04	0
"2014-04-27	12:00:00"	23.36	252.8	13.65	37.98	18.82	256.6	16.11	30.22	64.43	65.88	-1.453	18.08	15.86	25.973	842.14	0
"2014-04-27	13:00:00"	28.47	258.7	11.65	43.94	22.52	262.5	14.37	37.38	67.11	68.82	-1.707	14.07	11.87	25.953	940.7	0
"2014-04-27	14:00:00"	33.33	264	10.98	51.69	26.05	268.6	12.58	44.54	69.06	70.85	-1.785	11.85	9.68	25.921	986.52	0
"2014-04-27	15:00:00"	30.37	255.3	11.57	48.71	24.16	259.9	14.51	38.57	70.76	72.45	-1.688	11.16	9.04	25.912	956.84	0
"2014-04-27	16:00:00"	30.66	263.1	11.54	48.71	23.95	267.6	13.63	40.36	71.56	73.26	-1.708	11.35	9.21	25.896	913.67	0
"2014-04-27	17:00:00"	28.83	267.9	13.27	45.13	21.78	272	14.51	37.38	71.99	73.73	-1.737	13	10.79	25.892	778.6	0
"2014-04-27	18:00:00"	27.12	267.8	12.11	42.15	20.99	271.4	13.1	36.19	72.16	73.41	-1.249	13.94	11.83	25.88	528.58	0
"2014-04-27	19:00:00"	28.17	280	9.71	43.94	19.68	282.9	11.88	35.59	72.72	73.63	-0.907	13.33	11.36	25.885	381.08	0
"2014-04-27	20:00:00"	27.02	277	10.42	43.35	19.55	280.4	12.29	36.19	71.88	72.1	-0.218	14	12.25	25.896	161.4	0
"2014-04-27	21:00:00"	21.74	263.3	9.28	34.4	17.14	269	10.34	27.84	70.13	69.93	0.196	15.12	13.51	25.91	10.697	0
"2014-04-27	22:00:00"	22.44	262	8.61	33.8	17.79	268.6	10.29	30.22	68.68	68.43	0.255	16.04	14.47	25.933	0	0
"2014-04-27	23:00:00"	19.21	267.8	9.83	29.63	14.99	272.4	10.89	26.05	67.17	66.86	0.314	17.14	15.63	25.969	0	0
"2014-04-28	00:00:00"	9.43	306.6	18.09	15.91	5.417	309	18.82	11.74	63.29	61.88	1.409	19.92	19.3	26.008	0	0
"2014-04-28	01:00:00"	9.93	326.4	7.619	15.91	5.786	330.6	9.9	11.74	59.79	57.16	2.631	22.35	23.18	26.024	0	0
"2014-04-28	02:00:00"	10.27	307.5	23.97	15.91	6.346	309	23.78	12.93	59.95	58.57	1.38	21.15	20.73	26.032	0	0
"2014-04-28	03:00:00"	7.412	285.4	10.56	10.54	3.682	289.5	12.65	8.16	55.52	53.46	2.066	24.52	25.09	26.04	0	0
"2014-04-28	04:00:00"	7.306	282.4	7.373	9.95	4.324	282.5	9.63	6.964	56.7	54.71	1.987	23.75	24.06	26.05	0	0
"2014-04-28	05:00:00"	7.684	281.7	9.25	11.74	3.792	289.2	13.22	8.16	55.76	53.05	2.71	24.63	25.86	26.053	0	0
"2014-04-28	06:00:00"	6.144	241.2	38.71	9.35	3.572	247.7	48.71	7.561	53.5	51.02	2.485	27.14	28.52	26.067	0	0
"2014-04-28	07:00:00"	7.159	244	38.14	10.54	4.323	250	43.3	8.75	50.8	48.77	2.032	30.16	31.37	26.07	0.11508	0
"2014-04-28	08:00:00"	8.95	264.8	11.7	12.93	6.478	268.1	12.24	11.14	52.56	51.75	0.812	28.83	28.28	26.088	47.728	0
"2014-04-28	09:00:00"	8.03	268.7	10.67	12.33	6.194	270.8	13.19	11.14	55.39	55.72	-0.336	27.08	25.74	26.115	236.99	0
"2014-04-28	10:00:00"	11.13	276.1	10.7	19.49	8.38	278.1	12.69	14.12	61.65	62.61	-0.961	23.37	21.49	26.122	455.01	0
"2014-04-28	11:00:00"	19.51	285	11.61	32.01	13.15	287.5	13.65	24.26	66.11	67.63	-1.517	20.23	18.03	26.123	664.78	0
"2014-04-28	12:00:00"	20.88	296.4	13.25	36.19	12.99	298.6	14.49	27.24	67.56	69.6	-2.042	18.36	15.98	26.123	839.23	0
"2014-04-28	13:00:00"	18.91	300.7	11.98	30.22	11.79	303.2	14.31	24.26	69.02	71.48	-2.46	17.3	14.78	26.113	951.41	0
"2014-04-28	14:00:00"	20.18	303.6	19.41	32.61	13.84	304.7	20.12	28.43	70.9	73.58	-2.682	15.51	12.97	26.086	999.28	0
"2014-04-28	15:00:00"	18.76	294.4	13.86	32.01	12.06	296.5	15.77	22.47	72.16	74.79	-2.627	14.7	12.24	26.061	970.86	0
"2014-04-28	16:00:00"	20.48	289.5	16.93	34.4	13.81	291.7	17.71	27.84	74.02	76.54	-2.524	13.31	10.9	26.035	921.94	0
"2014-04-28	17:00:00"	20.15	287	15.57	48.71	13.73	289.3	16.6	37.38	75.32	77.47	-2.146	12.61	10.35	26.012	789.33	0
"2014-04-28	18:00:00"	16.11	277.2	20.39	31.42	11.54	280.1	22.42	23.66	75.93	77.52	-1.591	12.39	10.3	25.997	553.08	0
"2014-04-28	19:00:00"	13.63	286.3	15.8	25.45	9.17	288.9	17.33	22.47	76.48	77.67	-1.187	12.31	10.36	25.991	388.17	0
"2014-04-28	20:00:00"	12.44	276.8	14.38	21.87	9.16	280.3	15.51	19.49	76.52	76.8	-0.282	12.32	10.62	25.982	169.6	0
"2014-04-28	21:00:00"	9.59	315.5	21.32	15.91	5.614	318.2	22.72	10.54	73.8	72.07	1.735	13.41	12.71	25.996	14.772	0
"2014-04-28	22:00:00"	10.14	343.3	6.134	13.52	6.283	342.8	7.607	9.95	67.74	65.38	2.354	17.62	17.51	26.034	0	0
"2014-04-28	23:00:00"	11.87	347.5	8.82	18.3	8.16	345.4	9.4	14.72	65.62	64.11	1.512	19.78	19.23	26.07	0	0
"2014-04-29	00:00:00"	14.88	345.4	9.21	26.65	11.12	342.8	10.62	22.47	66.07	65.09	0.986	17.3	16.3	26.101	0	0
"2014-04-29	01:00:00"	21.44	343.4	8.67	36.19	16.39	340.8	11.14	28.43	63.86	63.27	0.592	11.09	9.76	26.127	0	0
"2014-04-29	02:00:00"	23.1	343.4	10.46	35	17.73	340.6	12.17	29.03	61.8	61.32	0.481	9.12	7.649	26.149	0	0
"2014-04-29	03:00:00"	19.61	13.76	11.44	32.01	15.36	10.58	18.02	29.63	57.42	57.04	0.388	21.62	20.17	26.163	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-04-29	04:00:00"	15.23	11.88	10.66	21.87	11.61	7.235	16.37	17.7	53.75	53.3	0.447	31.93	30.78	26.176	0	0
"2014-04-29	05:00:00"	11.87	5.608	11.16	19.49	8.7	0.318	13.68	15.91	51.04	50.4	0.646	36.46	35.65	26.203	0	0
"2014-04-29	06:00:00"	9.89	352.9	13.44	15.91	6.491	349.6	12.75	12.33	48.22	46.99	1.229	40.41	40.48	26.226	0	0
"2014-04-29	07:00:00"	11.76	353.2	11.48	15.91	8.4	348.9	9.92	12.33	47.09	46.33	0.756	43.36	42.8	26.248	0.13043	0
"2014-04-29	08:00:00"	10.44	357.3	13.04	15.91	7.53	352.9	13.15	14.72	45.92	45.49	0.428	46.99	46.14	26.274	46.956	0
"2014-04-29	09:00:00"	16.88	14.34	9.03	23.07	13.33	11.3	15.7	20.68	49.41	49.98	-0.571	43.67	41.31	26.308	235.84	0
"2014-04-29	10:00:00"	16.84	19.86	7.915	23.07	13.34	17.34	14.18	20.09	52.66	54.02	-1.364	39.65	36.8	26.324	454.12	0
"2014-04-29	11:00:00"	14.76	23.9	11.84	23.07	12.17	23.46	16.59	21.87	55.7	57.57	-1.867	34.49	31.44	26.327	662.09	0
"2014-04-29	12:00:00"	13.87	20.72	17.62	24.26	11.38	18.89	21.78	22.47	57.53	59.83	-2.304	27.77	24.74	26.329	845.46	0
"2014-04-29	13:00:00"	12.17	30.98	20.36	27.24	10.12	31.04	23.56	24.26	59.11	61.76	-2.657	21.41	18.5	26.328	978.24	0
"2014-04-29	14:00:00"	10.71	14.71	44.02	21.87	8.67	14.02	47.8	20.68	60.29	63.1	-2.811	18.71	15.93	26.317	1008	0
"2014-04-29	15:00:00"	10.7	355	38.01	24.86	8.67	353.3	38.68	26.05	61.87	64.47	-2.598	16.97	14.33	26.304	958.79	0
"2014-04-29	16:00:00"	11.6	346.8	26.26	23.66	9.21	344.8	28.24	21.28	63	65.44	-2.436	15.76	13.25	26.291	737.01	0
"2014-04-29	17:00:00"	10.1	11.52	32.26	24.26	8.24	11.15	35.01	21.87	63.64	65.62	-1.976	14.27	11.99	26.274	642.81	0
"2014-04-29	18:00:00"	11.68	347.8	25.3	23.66	9.17	346	26.06	20.68	65.12	67.25	-2.126	12.65	10.44	26.266	578.32	0
"2014-04-29	19:00:00"	11.06	357.5	22.8	23.66	8.67	354.2	25.85	20.09	64.73	66.1	-1.372	12.57	10.55	26.271	370.35	0
"2014-04-29	20:00:00"	13.14	13.98	18.68	21.87	10.61	12.28	22.28	18.89	64.3	64.85	-0.553	12.62	10.84	26.282	173.62	0
"2014-04-29	21:00:00"	12.12	26.53	6.946	21.28	9.41	25.76	10.69	16.51	61.4	61.07	0.339	15	13.54	26.299	15.601	0
"2014-04-29	22:00:00"	9.92	50.92	14.96	17.1	6.97	52.55	16.77	14.72	57.29	56.51	0.779	19.48	18.38	26.319	0	0
"2014-04-29	23:00:00"	8.91	70.07	6.743	12.33	5.611	67	9.7	9.35	53.42	52.69	0.731	23.82	22.85	26.338	0	0
"2014-04-30	00:00:00"	10.25	56.85	6.803	13.52	7.078	56.07	8.2	10.54	52.64	52.08	0.562	27.62	26.55	26.352	0	0
"2014-04-30	01:00:00"	10.42	62.84	7.014	14.72	7.614	62.37	8.78	12.33	51.98	51.69	0.289	30.37	29.12	26.374	0	0
"2014-04-30	02:00:00"	13.33	49.57	8.38	20.68	10.52	49.43	9.15	18.3	52.02	51.8	0.214	31.42	30.11	26.388	0	0
"2014-04-30	03:00:00"	10.06	64.03	8.22	15.91	7.48	64.64	9.83	12.93	51.07	50.89	0.185	32.95	31.63	26.407	0	0
"2014-04-30	04:00:00"	11.07	59.55	8.71	18.89	8.48	59.33	9.92	17.7	49.92	49.71	0.211	34.91	33.67	26.425	0	0
"2014-04-30	05:00:00"	14.79	39.55	9.79	27.84	11.95	40.16	11.2	26.05	48.54	48.3	0.242	36.74	35.52	26.435	0	0
"2014-04-30	06:00:00"	17.08	39.35	7.039	26.05	13.93	40.45	8.93	21.28	46.77	46.54	0.228	39.75	38.42	26.443	0	0
"2014-04-30	07:00:00"	14.51	32.98	7.147	21.87	11.7	33.29	10.21	18.3	44.7	44.48	0.221	43.63	42.25	26.451	0.17761	0
"2014-04-30	08:00:00"	10.91	31.01	6.781	17.1	8.64	31.6	10.08	13.52	43.29	43.24	0.054	47.04	45.51	26.483	47.973	0
"2014-04-30	09:00:00"	13.82	36.32	10	18.89	11.33	35.96	12.06	17.1	44.77	45.38	-0.605	45.91	43.43	26.508	228.92	0
"2014-04-30	10:00:00"	18.35	39.43	9.92	26.05	15.18	39.6	11.87	23.66	46.7	47.9	-1.196	41.62	38.59	26.514	445.16	0
"2014-04-30	11:00:00"	17.58	41.12	10.93	27.24	14.56	41.12	13.14	24.26	48.69	50.49	-1.799	39.04	35.7	26.522	650.41	0
"2014-04-30	12:00:00"	17.85	33.95	13.91	27.24	14.7	33.96	17.03	23.07	51	53.34	-2.343	36.36	32.66	26.516	819	0
"2014-04-30	13:00:00"	16.01	31.1	14.49	27.24	13.28	30.81	18	23.66	53.52	56.17	-2.647	32.76	28.97	26.502	934.63	0
"2014-04-30	14:00:00"	14.8	43.35	17.06	23.66	12.34	43.82	19.73	23.07	56.21	58.94	-2.728	28.59	24.99	26.477	987.22	0
"2014-04-30	15:00:00"	13.44	30.64	21.54	24.26	11.21	29.76	25.46	21.28	58.29	61.08	-2.79	25.78	22.31	26.448	957.19	0
"2014-04-30	16:00:00"	10.54	35.79	29.68	21.28	8.78	33.91	32.23	18.3	59.69	62.17	-2.478	24.18	20.99	26.426	906.46	0
"2014-04-30	17:00:00"	10.43	48.02	26.37	20.09	8.72	47.89	29.92	17.1	60.96	63.1	-2.139	23.13	20.2	26.399	772.04	0
"2014-04-30	18:00:00"	9.71	42.27	27.44	20.68	8.05	42.01	30.51	18.3	61.67	63.44	-1.772	21.98	19.28	26.382	584.33	0
"2014-04-30	19:00:00"	10.35	31.63	18.8	18.89	8.63	30.7	22.5	17.7	62.22	63.63	-1.407	21.43	18.96	26.376	372.66	0
"2014-04-30	20:00:00"	11.47	55.63	13.28	18.89	9.35	56.32	15.03	17.1	61.85	62.45	-0.607	21.98	19.91	26.377	157.49	0
"2014-04-30	21:00:00"	8.92	65.73	8.41	15.91	6.518	65.93	10.08	12.93	59.5	59.25	0.246	23.47	22.04	26.394	14.059	0
"2014-04-30	22:00:00"	6.405	87.1	5.252	8.16	3.015	77.43	9.28	3.982	56.55	54.15	2.399	25.24	25.97	26.418	0	0
"2014-04-30	23:00:00"	7.971	78.48	6.869	9.35	4.095	69.39	8.13	5.771	53.66	51.16	2.498	27.5	28.56	26.441	0	0
"2014-05-01	00:00:00"	8.34	67.41	5	10.54	4.944	65.22	7.509	7.561	50.36	49.15	1.211	29.48	29.63	26.454	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-01	01:00:00"	7.936	71.72	9.74	9.35	4.441	68.51	10.93	6.368	48.35	46.69	1.662	29.73	30.67	26.45	0	0
"2014-05-01	02:00:00"	8.09	82.2	4.74	8.75	4.403	68.07	8.33	5.771	47.62	44.64	2.981	28.53	31.51	26.444	0	0
"2014-05-01	03:00:00"	7.707	78.02	4.675	8.75	4.469	64.15	7.962	6.368	48.33	45.72	2.606	27	29.62	26.447	0	0
"2014-05-01	04:00:00"	7.047	58.47	12.59	8.16	4.427	49.88	16.85	5.771	47.85	45.82	2.028	27.74	29.28	26.444	0	0
"2014-05-01	05:00:00"	6.391	20.4	10.38	9.95	4.348	20.38	15.6	8.75	43.97	43.43	0.547	34.47	34.22	26.457	0	0
"2014-05-01	06:00:00"	8.42	17.14	6.454	13.52	6.138	14.34	12.98	10.54	45.51	45.3	0.204	33.11	32.25	26.463	0	0
"2014-05-01	07:00:00"	10.56	15.03	5.895	14.72	8.12	10.52	11.49	12.33	45.45	45.38	0.068	33.19	32	26.468	0.09552	0
"2014-05-01	08:00:00"	12.19	19.98	5.842	15.91	9.57	18.44	11.84	14.12	44.81	44.97	-0.154	33.22	31.74	26.474	26.861	0
"2014-05-01	09:00:00"	12.7	29.85	8.11	17.7	10.43	29.64	11.65	15.91	47.3	47.8	-0.501	30.16	28.44	26.476	195.87	0
"2014-05-01	10:00:00"	13.2	45.34	10.73	17.7	11.18	46.25	12.59	16.51	52.99	54.03	-1.038	26.3	24.16	26.481	419.78	0
"2014-05-01	11:00:00"	10.37	62.67	13.78	17.1	8.6	62.11	15.25	15.31	55.39	56.55	-1.162	24.42	22.18	26.485	406.28	0
"2014-05-01	12:00:00"	7.589	91.7	22.28	17.1	6.302	91.8	24.23	16.51	57.49	58.64	-1.154	22.31	20.13	26.477	542.72	0
"2014-05-01	13:00:00"	7.525	63.14	37.64	24.26	6.293	61.02	41.81	20.68	58.6	60.23	-1.632	21.1	18.69	26.463	639.32	0
"2014-05-01	14:00:00"	6.988	94.6	63.83	24.26	5.931	95.2	66.15	21.28	60.05	61.58	-1.527	20.18	17.83	26.433	840.14	0
"2014-05-01	15:00:00"	6.648	58.63	69.38	15.91	5.685	56.59	70.73	14.72	60.92	62.37	-1.456	19.97	17.6	26.406	575.94	0
"2014-05-01	16:00:00"	4.272	48.33	73.92	9.95	3.564	46.68	75.14	9.35	61.17	62.2	-1.029	20.39	18.22	26.391	469.82	0
"2014-05-01	17:00:00"	8.1	217.5	29.18	18.3	6.767	216.4	33.04	17.7	61.53	62.67	-1.144	20.82	18.63	26.377	467.08	0
"2014-05-01	18:00:00"	7.464	193.4	35.55	17.7	6.159	190.6	40.73	15.31	61.39	62.49	-1.096	21.4	19.21	26.372	385.69	0
"2014-05-01	19:00:00"	9.81	186.5	22.99	19.49	8.21	184.1	23.68	18.3	60.99	61.91	-0.919	22.85	20.64	26.373	236.77	0
"2014-05-01	20:00:00"	13.74	199.2	12.68	25.45	10.93	198.6	14.79	21.87	59.35	59.82	-0.471	26.75	24.77	26.374	108.25	0
"2014-05-01	21:00:00"	14.41	193.4	8.46	22.47	11.18	195	11.91	18.89	56.18	56.38	-0.2	33.74	31.95	26.386	20.166	0
"2014-05-01	22:00:00"	8.55	203	14.09	15.31	6.806	200.8	14.37	11.74	53.57	53.5	0.066	38.91	37.45	26.398	0	0
"2014-05-01	23:00:00"	6.871	246.7	13.57	10.54	5.261	251.7	17.04	9.95	51.86	51.59	0.272	41.35	39.91	26.41	0	0
"2014-05-02	00:00:00"	7.327	268.9	14.17	11.14	5.119	276	14.07	8.75	50.46	49.89	0.57	43.69	42.7	26.414	0	0
"2014-05-02	01:00:00"	6.682	278.3	17.75	9.95	4.132	284.1	19.88	6.964	48.89	47.66	1.237	45.76	45.75	26.399	0	0
"2014-05-02	02:00:00"	8.43	320.2	6.899	10.54	4.836	323.5	7.783	6.964	45.37	43.68	1.696	52.01	52.82	26.395	0	0
"2014-05-02	03:00:00"	9.51	314	4.876	11.74	5.37	318.6	7.416	8.16	46.77	44.94	1.829	54.1	55.27	26.39	0	0
"2014-05-02	04:00:00"	9.79	311.9	4.014	11.14	5.327	319.7	6.731	7.561	46.48	43.77	2.707	55.11	57.89	26.371	0	0
"2014-05-02	05:00:00"	10.27	310.8	6.491	12.93	5.722	314.4	8.95	8.75	44.45	43.4	1.044	59.15	59.53	26.366	0	0
"2014-05-02	06:00:00"	6.562	291.1	11.84	11.14	3.544	292.6	14.13	7.561	43.09	41.95	1.133	61.03	61.5	26.365	0	0
"2014-05-02	07:00:00"	6.329	299.8	9.74	9.35	2.833	308.5	14.32	5.175	42.07	39.23	2.845	63.18	65.83	26.368	0.2649	0
"2014-05-02	08:00:00"	8.96	308.7	4.976	11.74	4.577	311.3	8.29	7.561	42.87	41.8	1.072	65.25	65.89	26.382	53.39	0
"2014-05-02	09:00:00"	8.97	306.5	7.415	12.93	5.316	307.8	9.77	8.75	49.44	49.9	-0.456	54.29	52.33	26.393	242.8	0
"2014-05-02	10:00:00"	8.31	287.9	12.61	12.93	5.845	289.1	14.73	10.54	56.87	57.96	-1.096	36.95	34.7	26.399	462.17	0
"2014-05-02	11:00:00"	8.7	273.5	18.31	14.72	6.638	276.9	20.4	12.93	62.63	64.05	-1.42	23.11	20.94	26.398	668.62	0
"2014-05-02	12:00:00"	9.32	262.1	29.04	17.7	7.385	264	31.16	14.72	64.64	66.37	-1.735	20.27	17.96	26.391	838.46	0
"2014-05-02	13:00:00"	8.3	277.4	42.38	18.89	6.408	280.3	44.13	15.31	66.62	68.55	-1.927	17.39	15.04	26.378	952.42	0
"2014-05-02	14:00:00"	10.28	304.8	32.92	23.07	7.651	305.6	34.43	21.28	68.29	70.71	-2.426	15.49	13.02	26.353	1005.8	0
"2014-05-02	15:00:00"	8.68	309.3	47.41	21.87	6.724	309.2	48	18.3	69.45	71.82	-2.37	15.3	12.8	26.329	966.48	0
"2014-05-02	16:00:00"	9.27	289.6	44.94	20.68	6.968	289.4	44.44	17.1	70.9	73	-2.103	14.86	12.44	26.307	916.8	0
"2014-05-02	17:00:00"	8.76	311	37.79	20.09	6.549	310.7	39.37	18.89	72.33	74.4	-2.07	14.72	12.31	26.286	781.06	0
"2014-05-02	18:00:00"	7.633	291.5	49.23	20.68	5.767	293	50.13	16.51	73.64	75.25	-1.606	13.42	11.21	26.271	601.14	0
"2014-05-02	19:00:00"	8.78	303.3	40.08	19.49	6.371	303.8	44.98	16.51	74.32	75.51	-1.191	12.55	10.49	26.268	391.38	0
"2014-05-02	20:00:00"	8.5	311.2	14.18	16.51	5.466	312.7	15.21	12.93	74.21	74.75	-0.541	12.81	10.99	26.266	175.8	0
"2014-05-02	21:00:00"	5.819	289.5	16.41	14.72	2.759	295.7	14.37	10.54	72.58	70.92	1.664	13.74	12.97	26.275	17.498	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-05-02	22:00:00"	3.706	246.6	12.13	5.771	1.582	238.3	23.07	3.386	69.78	68.41	1.37	15.31	14.48	26.287	0	0
"2014-05-02	23:00:00"	3.676	221.2	10.93	5.771	1.337	189	15.27	3.982	67.06	65.16	1.9	16.25	16.66	26.299	0	0
"2014-05-03	00:00:00"	3.956	231.4	11.38	5.771	1.925	220.5	17.52	3.982	64.38	63.1	1.286	17.46	16.9	26.309	0	0
"2014-05-03	01:00:00"	4.147	230.6	16.07	7.561	1.996	227.5	30.36	4.578	62.56	60.79	1.767	18.26	18.08	26.309	0	0
"2014-05-03	02:00:00"	5.57	199.3	11.36	8.16	3.541	192.7	12.8	6.368	59.45	57.78	1.666	20.44	20.9	26.31	0	0
"2014-05-03	03:00:00"	6.638	200.5	13.57	9.35	4.589	198	14.42	6.964	57.47	56.23	1.232	21.4	20.99	26.307	0	0
"2014-05-03	04:00:00"	5.188	225	11.59	8.16	3.717	218.9	12.8	6.964	56.57	55.9	0.669	21.26	20.18	26.303	0	0
"2014-05-03	05:00:00"	4.392	243.8	12.22	6.368	2.441	246.9	16.95	5.175	56.37	55.15	1.223	21.13	20.5	26.296	0	0
"2014-05-03	06:00:00"	5.532	256.6	10.51	8.16	3.318	264	11.91	6.368	57.62	55.37	2.245	20.56	20.7	26.294	0	0
"2014-05-03	07:00:00"	5.863	284.6	13.59	8.16	2.525	290.9	15.21	5.771	56.67	53.22	3.444	21.84	23.44	26.298	0.3166	0
"2014-05-03	08:00:00"	5.459	295.3	9.18	8.16	1.591	310.1	22.46	4.578	57.74	52.94	4.802	23	25.26	26.311	59.454	0
"2014-05-03	09:00:00"	7.772	290.7	10.21	12.33	4.586	290.5	12.38	9.95	61.64	61.72	-0.076	22.53	21.45	26.325	253.03	0
"2014-05-03	10:00:00"	7.251	255.2	15.59	13.52	5.828	256.9	17.94	11.74	68.22	68.91	-0.682	18.95	17.3	26.338	471.55	0
"2014-05-03	11:00:00"	10.92	254.5	17.89	20.68	8.65	257.2	20.41	18.3	74.6	75.69	-1.082	14.7	12.84	26.34	679.07	0
"2014-05-03	12:00:00"	12.15	244.9	27.86	20.09	9.69	248	29.29	17.1	78.65	80.2	-1.602	12.04	10.01	26.346	848.69	0
"2014-05-03	13:00:00"	10.66	216.7	27.47	20.68	8.97	217	31.51	17.1	79.99	81.6	-1.601	12.18	10.06	26.346	961.32	0
"2014-05-03	14:00:00"	10.32	204.3	28.52	18.3	8.61	204	31.52	15.91	81.3	83.2	-1.845	11.37	9.18	26.328	1012	0
"2014-05-03	15:00:00"	10.19	204	26.92	20.68	8.38	201.7	30.47	18.3	82.6	84.5	-1.877	10.61	8.43	26.308	981.95	0
"2014-05-03	16:00:00"	10.55	218.4	26.31	21.87	8.77	218.7	30.45	18.3	83.9	85.6	-1.709	9.99	7.857	26.291	932.66	0
"2014-05-03	17:00:00"	11.3	197.6	38.59	21.87	9.21	196.7	43.32	18.89	84.1	85.9	-1.771	9.34	7.202	26.271	800.29	0
"2014-05-03	18:00:00"	11.27	194.2	29.03	21.87	9.18	192.3	32.83	18.89	84.3	85.6	-1.29	9.25	7.183	26.261	611.95	0
"2014-05-03	19:00:00"	12.08	195.4	21.91	20.09	9.73	193.6	25.07	17.7	84.5	85.3	-0.788	9.11	7.133	26.253	395.84	0
"2014-05-03	20:00:00"	12.18	192.6	12.49	20.68	9.61	191.4	14.42	17.1	83.9	84.1	-0.161	8.96	7.134	26.249	179.57	0
"2014-05-03	21:00:00"	10.55	184	7.923	18.89	8.06	183.1	10.75	16.51	80.9	80.3	0.632	9.72	8.13	26.259	18.804	0
"2014-05-03	22:00:00"	11.04	174.7	9.13	15.31	8.28	171.3	11.69	12.93	76.88	75.79	1.083	11.15	9.79	26.271	0	0
"2014-05-03	23:00:00"	10.8	166.2	8.95	15.31	8.26	162.3	10.47	13.52	73.17	72.23	0.934	13.12	11.79	26.288	0	0
"2014-05-04	00:00:00"	11.84	161.9	8.57	17.1	9.16	157.8	9.5	13.52	70.72	69.83	0.893	13.9	12.65	26.298	0	0
"2014-05-04	01:00:00"	12.29	162.9	8.9	20.68	9.61	159.5	9.6	15.91	68.73	67.98	0.753	14.51	13.2	26.302	0	0
"2014-05-04	02:00:00"	14.83	170.7	8.14	23.07	11.56	168.1	9.87	20.09	67.76	67.05	0.706	14.82	13.46	26.307	0	0
"2014-05-04	03:00:00"	16.2	180.1	7.132	23.66	12.53	177.7	10.21	19.49	67.65	67.06	0.589	16.74	15.33	26.3	0	0
"2014-05-04	04:00:00"	9.59	186.1	8.56	15.31	7.135	186.5	12.12	12.33	63.66	63	0.664	18.99	17.73	26.29	0	0
"2014-05-04	05:00:00"	9.99	188.6	8.67	15.31	7.401	191.5	12.04	12.33	61.71	61	0.706	20.68	19.47	26.289	0	0
"2014-05-04	06:00:00"	10.36	186.5	9.12	17.1	7.76	188.7	13.11	12.93	60.73	60.05	0.683	22.42	21.25	26.289	0	0
"2014-05-04	07:00:00"	9.65	188.6	9.45	15.31	7.025	192	12.96	12.33	58.05	57.34	0.707	24.6	23.51	26.293	0.36439	0
"2014-05-04	08:00:00"	8.65	192.6	9.17	15.31	6.082	197.4	11.96	11.14	56.61	55.97	0.641	25.92	24.92	26.305	63.332	0
"2014-05-04	09:00:00"	9.63	188.5	8.9	15.91	7.588	187.7	12.52	13.52	61.36	61.51	-0.144	22.99	21.49	26.314	261.74	0
"2014-05-04	10:00:00"	10.92	199.2	11.3	15.31	8.79	199.7	13.68	13.52	68.87	69.56	-0.689	16.65	14.83	26.316	482.3	0
"2014-05-04	11:00:00"	10.53	210.4	14.35	16.51	8.67	209.4	17.21	15.31	74.37	75.36	-0.991	12.77	10.84	26.318	691.77	0
"2014-05-04	12:00:00"	13.17	207.1	15	22.47	10.59	206.8	17.41	17.1	79.93	81.3	-1.402	10.15	8.13	26.306	864.27	0
"2014-05-04	13:00:00"	13.55	213.5	15.65	21.87	11.21	211.2	18.19	19.49	83.4	84.9	-1.465	8.23	6.188	26.294	977.88	0
"2014-05-04	14:00:00"	12.27	222.2	22.89	21.28	10.11	222.7	25.61	19.49	85.3	87	-1.713	7.182	5.162	26.274	1026.9	0
"2014-05-04	15:00:00"	10.81	223.2	32.85	21.87	8.85	223.8	37.27	20.68	87	88.8	-1.865	6.541	4.531	26.249	997.13	0
"2014-05-04	16:00:00"	9.89	230.8	33.76	20.09	8.03	233.2	37.61	17.7	88.6	90.3	-1.75	5.948	3.971	26.227	946.07	0
"2014-05-04	17:00:00"	8.75	227.6	35.34	20.68	7.327	227.8	37.6	16.51	89.8	91.1	-1.349	5.548	3.614	26.2	808.33	0
"2014-05-04	18:00:00"	10.04	222	33.27	19.49	8.25	221.2	35.46	18.89	90.4	91.5	-1.15	5.208	3.306	26.179	623.52	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-04	19:00:00"	9.36	233.2	29.18	23.07	7.459	234.3	32.99	21.28	90.7	91.4	-0.741	5.196	3.332	26.17	406.79	0
"2014-05-04	20:00:00"	9.24	255.9	16.89	18.3	7.202	258.3	18.6	15.31	90.3	90.3	-0.038	4.865	3.108	26.168	189.37	0
"2014-05-04	21:00:00"	5.658	251.5	10.92	9.95	3.715	256.6	15.12	7.561	87.4	86.1	1.339	5.418	3.973	26.177	20.614	0
"2014-05-04	22:00:00"	5.32	256.2	10.13	9.35	3.213	264.8	13.63	5.771	83.7	81.3	2.369	6.349	5.194	26.194	0	0
"2014-05-04	23:00:00"	5.685	252.5	12.09	11.14	3.546	251.4	17.65	9.35	79.76	77.83	1.923	7.195	6.065	26.209	0	0
"2014-05-05	00:00:00"	5.974	216.3	34.37	19.49	3.945	207	33.4	15.31	75.38	74.06	1.311	8.66	7.388	26.222	0	0
"2014-05-05	01:00:00"	16.66	171.8	7.541	24.86	12.99	169.5	9.64	20.68	73.81	73.02	0.788	18.53	17.12	26.229	0	0
"2014-05-05	02:00:00"	15.61	172.3	7.235	21.28	12.03	169.7	9.55	18.3	71.96	71.29	0.669	21.8	20.45	26.229	0	0
"2014-05-05	03:00:00"	11.66	189.7	12.93	18.89	8.81	190.4	16.04	15.31	69.38	68.74	0.646	23.51	22.23	26.223	0	0
"2014-05-05	04:00:00"	7.315	203.9	11.63	11.74	5.251	205.5	13.3	8.75	66.2	65.5	0.693	25.81	24.59	26.221	0	0
"2014-05-05	05:00:00"	7.031	205.8	11.82	11.14	5.107	207.4	13.58	7.561	65.19	64.4	0.785	27.15	26.04	26.224	0	0
"2014-05-05	06:00:00"	6.993	217.8	12.15	10.54	5.378	217.9	13.2	8.75	63.42	62.79	0.632	28.8	27.6	26.229	0	0
"2014-05-05	07:00:00"	7.239	211.6	12.5	11.74	5.446	213.3	14.94	8.16	62.05	61.39	0.656	30.47	29.32	26.228	0.38283	0
"2014-05-05	08:00:00"	6.372	232.3	17.57	9.35	4.74	235.6	20.86	7.561	60.82	60.26	0.563	32.25	31.21	26.242	61.92	0
"2014-05-05	09:00:00"	6.831	239.6	16.84	11.14	5.463	242.3	20.02	8.75	62.51	62.68	-0.173	32.01	30.48	26.253	256.66	0
"2014-05-05	10:00:00"	7.968	216.2	13.51	12.33	6.667	215.4	16.93	10.54	67.8	68.44	-0.64	27.84	25.89	26.254	475.7	0
"2014-05-05	11:00:00"	8.01	242.8	17.46	13.52	6.556	244.5	19.44	12.93	76.3	77.19	-0.885	19.49	17.59	26.253	683.04	0
"2014-05-05	12:00:00"	9.57	293.7	23.98	17.7	6.668	294.5	26.37	13.52	84.7	86.6	-1.879	9.47	7.532	26.24	855.59	0
"2014-05-05	13:00:00"	10.29	295.9	23.33	21.28	7.287	297.3	24.59	18.3	87.8	90	-2.154	7.284	5.282	26.226	970.06	0
"2014-05-05	14:00:00"	10.05	283	29.37	18.89	7.384	284.6	30.53	17.1	89.6	91.8	-2.21	6.858	4.835	26.2	1021	0
"2014-05-05	15:00:00"	12.7	261.1	20.79	26.05	10	262.4	23.6	20.68	90.4	92.6	-2.152	6.567	4.534	26.174	990.33	0
"2014-05-05	16:00:00"	11.99	255.4	26.27	24.26	9.52	256.8	28.73	23.07	91.4	93.2	-1.844	6.524	4.499	26.15	931.88	0
"2014-05-05	17:00:00"	15.08	239.8	21.34	27.24	12.41	240.7	24.77	23.66	92	93.4	-1.408	6.527	4.485	26.12	797.4	0
"2014-05-05	18:00:00"	13.15	251.1	20.39	28.43	10.59	254.7	22.82	24.26	92.4	93.6	-1.191	6.524	4.547	26.096	607.54	0
"2014-05-05	19:00:00"	18.15	251.3	13.73	30.82	14.5	254.3	16.33	25.45	92.5	93.1	-0.602	6.854	4.899	26.082	369.54	0
"2014-05-05	20:00:00"	18.61	254.4	9.71	26.05	14.5	258.7	13.65	24.26	91	91.1	-0.106	7.952	6.076	26.082	182.3	0
"2014-05-05	21:00:00"	13.05	247.8	9.02	23.66	10.17	250.2	12.05	20.09	88.1	87.7	0.443	9.72	7.988	26.094	20.12	0
"2014-05-05	22:00:00"	10.18	258.7	8.87	15.31	7.264	263.3	10.77	12.33	83.2	82.3	0.9	11.95	10.46	26.106	0	0
"2014-05-05	23:00:00"	10.7	277.7	11.37	17.7	6.927	282.3	16.04	14.12	81	79.71	1.284	12.16	10.9	26.118	0	0
"2014-05-06	00:00:00"	10.57	290	6.846	15.31	5.328	296.9	9.78	9.95	77.8	76.02	1.783	13.07	12.09	26.119	0	0
"2014-05-06	01:00:00"	8.85	311.9	5.565	10.54	4.756	328.2	9.6	6.368	75.18	70.02	5.156	13.81	14.9	26.113	0	0
"2014-05-06	02:00:00"	7.708	190.3	66.3	13.52	5.143	169.5	61.57	11.14	72.76	69.89	2.875	15.28	15.39	26.115	0	0
"2014-05-06	03:00:00"	8.14	180.7	19.47	14.12	5.775	180.2	22.22	11.14	72.89	71.79	1.103	19.05	17.51	26.106	0	0
"2014-05-06	04:00:00"	5.14	220.9	16.31	8.16	3.322	223	22.18	6.368	70.18	69.22	0.958	25.8	24.42	26.099	0	0
"2014-05-06	05:00:00"	5.772	253.6	11.09	8.75	3.737	261.8	12.26	6.964	68.36	66.9	1.452	28.07	26.98	26.095	0	0
"2014-05-06	06:00:00"	4.237	254.6	14.63	6.368	1.707	256.7	27.93	3.982	67.59	65.43	2.158	32.46	31.79	26.096	0	0
"2014-05-06	07:00:00"	4.656	243.8	8.54	6.368	2.47	253.8	13.28	4.578	66.88	64.87	2.008	34.58	34.14	26.104	0.39233	0
"2014-05-06	08:00:00"	4.78	251	7.933	6.368	2.307	259.8	13.77	3.982	65.9	63.94	1.965	35.41	35.68	26.114	61.267	0
"2014-05-06	09:00:00"	5.99	256.4	13.51	9.95	4.327	257.2	14.61	8.75	69.02	68.57	0.452	24.37	24.81	26.122	244.89	0
"2014-05-06	10:00:00"	8.48	250.9	12.27	15.31	6.85	252.2	14.82	12.93	75.36	75.88	-0.518	15.37	13.8	26.128	476.51	0
"2014-05-06	11:00:00"	15.71	272.3	11.38	27.24	11.84	275.3	13.06	25.45	81.1	82.3	-1.299	11.45	9.51	26.121	694.93	0
"2014-05-06	12:00:00"	17.26	272.9	14.82	29.03	12.73	276.8	16.45	25.45	82.5	84.2	-1.753	11.68	9.55	26.118	858.61	0
"2014-05-06	13:00:00"	15.82	252.3	18.93	30.22	12.61	255.4	20.68	25.45	82.9	84.8	-1.886	12.06	9.84	26.105	949	0
"2014-05-06	14:00:00"	16.71	243.4	20.72	30.22	13.47	246.2	23.98	24.86	84.2	86.1	-1.843	10.15	7.975	26.082	1017.6	0
"2014-05-06	15:00:00"	18.02	233.1	22.32	33.8	14.65	233.2	26.38	28.43	85.7	87.4	-1.666	9.02	6.874	26.053	980.27	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-06	16:00:00"	18.03	238.9	20.95	33.21	14.65	239.7	24.95	27.84	86.1	87.8	-1.66	9.2	7.034	26.033	933.35	0
"2014-05-06	17:00:00"	20.2	253.8	15.97	33.8	16.05	257.2	18.69	29.63	86.6	88.2	-1.651	8.85	6.701	26.007	805.63	0
"2014-05-06	18:00:00"	19.9	242.3	19.39	36.19	16.12	243.7	23.39	33.8	87.3	88.3	-1.037	7.96	5.931	25.995	594.16	0
"2014-05-06	19:00:00"	19.67	242.4	17.58	39.17	15.77	245.6	21.52	36.19	87.1	87.8	-0.699	8.04	6.065	25.998	431.12	0
"2014-05-06	20:00:00"	19.35	248.2	12.13	31.42	15.3	250.8	15.3	29.63	86.1	86.4	-0.208	8.98	7.109	25.995	207.75	0
"2014-05-06	21:00:00"	13.74	252.2	8.65	25.45	10.21	255.4	12.78	21.28	83.7	83.3	0.438	10.81	9.13	25.999	21.829	0
"2014-05-06	22:00:00"	8.02	223.7	17.82	12.93	6.059	221.8	19.96	11.74	79.36	78.84	0.522	13.79	12.15	26.017	0	0
"2014-05-06	23:00:00"	8.49	210.7	13.63	13.52	6.464	206.5	15.52	11.74	76.73	76.22	0.504	19.24	17.65	26.033	0	0
"2014-05-07	00:00:00"	8.59	195.5	11.3	11.74	6.161	195.5	12.65	9.35	74.18	73.59	0.593	22.58	21.2	26.042	0	0
"2014-05-07	01:00:00"	10.54	191.2	12.61	24.26	8.04	189.6	14.79	18.89	73.55	73.14	0.406	23.34	21.9	26.047	0	0
"2014-05-07	02:00:00"	9.79	187	13.82	15.91	7.29	187.1	16.96	13.52	70.01	69.56	0.447	26.33	24.95	26.053	0	0
"2014-05-07	03:00:00"	7.421	207.4	13.32	11.14	5.605	206.3	14.74	9.35	69.18	68.76	0.423	28.93	27.58	26.046	0	0
"2014-05-07	04:00:00"	6.522	209.1	30.66	11.74	4.816	206	34.52	9.35	67.34	66.92	0.424	30.9	29.57	26.041	0	0
"2014-05-07	05:00:00"	6.184	185.6	10.85	9.95	4.068	185	14.09	8.16	65.88	64.96	0.92	34.23	33.31	26.037	0	0
"2014-05-07	06:00:00"	5.088	212	17.57	9.35	3.264	212.4	21.67	7.561	65.14	64.35	0.793	35.79	34.83	26.037	0	0
"2014-05-07	07:00:00"	6.922	192.4	25.59	14.12	4.98	186.5	25.02	11.74	64.38	63.39	0.989	37.53	36.87	26.041	0.43219	0
"2014-05-07	08:00:00"	7.619	170.9	10.31	15.91	5.744	168	11.41	12.93	62.86	62.4	0.463	41.11	39.97	26.069	60.28	0
"2014-05-07	09:00:00"	7.845	184.7	11.26	13.52	6.026	183.3	13.97	11.14	67.59	67.82	-0.23	37.1	35.5	26.081	248.22	0
"2014-05-07	10:00:00"	12.63	180.3	9.51	19.49	9.98	177.6	13.26	15.91	73.11	73.96	-0.852	30.68	28.51	26.087	470.37	0
"2014-05-07	11:00:00"	11.87	200.5	16.41	18.89	9.61	199.9	18.72	15.91	77.04	78.29	-1.251	25.69	23.28	26.084	673.05	0
"2014-05-07	12:00:00"	11.7	202.1	23.22	26.65	9.55	200.9	25.9	23.66	79.41	81	-1.571	23.36	20.81	26.078	842.51	0
"2014-05-07	13:00:00"	14.06	196.7	22.46	32.01	11.5	195.2	26.03	27.84	81.3	83.3	-1.972	22.76	19.93	26.062	949	0
"2014-05-07	14:00:00"	16.8	215.7	21.99	31.42	13.58	215.5	24.83	27.84	84.4	86.2	-1.822	16.46	13.99	26.035	1010.2	0
"2014-05-07	15:00:00"	18.43	212	16.39	34.4	15.16	210.3	19.09	30.22	85	86.7	-1.719	16.44	13.95	26.02	966.1	0
"2014-05-07	16:00:00"	20.48	218.7	19.99	36.19	16.68	218.4	22.92	32.61	86.2	87.7	-1.421	14.44	12.12	26.001	905.32	0
"2014-05-07	17:00:00"	20.23	226.1	18.53	37.98	16.5	225.4	21.03	32.01	87.3	88.4	-1.088	12.21	10.03	25.976	658.27	0
"2014-05-07	18:00:00"	21.96	231.1	14.66	35	18.31	230.7	17.87	32.61	86.5	86.9	-0.492	12.01	10.01	25.967	328.75	0
"2014-05-07	19:00:00"	19.78	232.6	14.04	32.61	16.2	232.9	17.24	27.84	85.8	86.1	-0.292	12.55	10.63	25.964	215.97	0
"2014-05-07	20:00:00"	16.98	231.7	13.35	27.84	13.96	231.7	16.84	24.26	85.5	85.5	-0.075	12.46	10.61	25.958	162.42	0
"2014-05-07	21:00:00"	12.77	246.8	10.45	27.84	10.09	248.4	13.25	20.09	83.6	83.3	0.285	12.87	11.18	25.96	12.68	0
"2014-05-07	22:00:00"	10.31	242.2	19.28	19.49	8.03	244.2	24.06	15.91	81.8	81.4	0.4	13.66	12.02	25.98	0	0
"2014-05-07	23:00:00"	13.54	286.9	14.69	25.45	8.6	290	16	20.09	78.71	78.38	0.326	11.79	10.19	26.028	0	0
"2014-05-08	00:00:00"	12.65	294.3	8.19	21.28	7.091	297	10.48	15.31	75.99	75.47	0.516	10.8	9.25	26.052	0	0
"2014-05-08	01:00:00"	11.85	296.7	7.517	18.3	6.271	299	9.84	11.14	72.22	71.46	0.758	11.92	10.52	26.053	0	0
"2014-05-08	02:00:00"	8.79	302.9	7.553	13.52	4.184	305.5	9.89	7.561	68.37	67.03	1.335	12.57	11.58	26.062	0	0
"2014-05-08	03:00:00"	5.475	316.8	12.81	9.95	2.027	330.4	28.91	3.982	66.49	63.43	3.062	12.14	12.38	26.075	0	0
"2014-05-08	04:00:00"	4.585	111.5	27.8	8.16	2.82	104.6	36.72	6.368	65.82	60.12	5.698	11.92	14.23	26.095	0	0
"2014-05-08	05:00:00"	4.018	314	72.27	8.75	2.732	329.2	72.77	6.964	65.72	62.32	3.404	11.78	12.04	26.12	0	0
"2014-05-08	06:00:00"	10.13	328.7	6.724	13.52	5.551	330.2	9.66	8.75	63.31	58.23	5.081	13.22	14.73	26.126	0	0
"2014-05-08	07:00:00"	10.61	319.7	6.794	14.12	5.798	323.8	10.31	9.95	59.35	56.38	2.975	16.11	16.47	26.139	0.4676	0
"2014-05-08	08:00:00"	11.55	334	7.737	15.91	7.832	332.8	9.65	12.33	59.79	58.78	1.005	16.62	15.82	26.162	69.284	0
"2014-05-08	09:00:00"	10.16	344.8	8.98	14.72	7.817	342.5	10.29	12.33	64.4	65.05	-0.647	15.13	13.56	26.183	265.83	0
"2014-05-08	10:00:00"	8.16	341.6	20.89	13.52	6.421	339.1	20.82	11.74	68.16	69.61	-1.449	13.51	11.62	26.192	486.06	0
"2014-05-08	11:00:00"	9.99	292.3	20.9	23.66	6.801	292.9	23.67	15.91	69.83	71.43	-1.604	12.73	10.75	26.198	693.04	0
"2014-05-08	12:00:00"	15.01	264.5	24.35	25.45	11.53	266.3	26.32	20.09	71.84	73.6	-1.764	12.17	10.04	26.195	858.36	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-08	13:00:00"	17.07	252.1	16.73	30.22	13.69	254.6	19.48	24.26	73.39	75.31	-1.922	11.64	9.44	26.185	970.87	0	
"2014-05-08	14:00:00"	17.6	243.1	18.96	31.42	14.33	246	23.15	26.65	75.16	77.12	-1.967	9.79	7.618	26.168	1023.1	0	
"2014-05-08	15:00:00"	16.41	240.4	22.43	32.61	13.36	242.7	25.44	26.05	76.85	78.74	-1.89	8.83	6.709	26.147	983.23	0	
"2014-05-08	16:00:00"	19.29	237.4	19.71	34.4	15.78	238.7	22.65	29.63	78.1	79.71	-1.609	8.64	6.515	26.135	931.57	0	
"2014-05-08	17:00:00"	22.51	244.5	16.35	37.38	18.09	247	20.04	34.4	78.5	80	-1.548	7.237	5.173	26.121	805.4	0	
"2014-05-08	18:00:00"	21.37	241.3	15.44	35.59	17.27	243.3	18.72	31.42	78.8	79.88	-1.078	7.14	5.14	26.118	616.87	0	
"2014-05-08	19:00:00"	20.09	242.1	14.69	31.42	16.43	244.5	17.78	31.42	78.62	79.26	-0.644	7.263	5.343	26.119	403.41	0	
"2014-05-08	20:00:00"	20.31	258.7	14.11	31.42	15.69	263.2	16.1	27.84	77.38	77.63	-0.248	8.26	6.435	26.132	184.89	0	
"2014-05-08	21:00:00"	16.8	279.1	8.35	26.05	11.57	282.1	10.78	19.49	74.78	74.36	0.422	9.88	8.25	26.161	22.235	0	
"2014-05-08	22:00:00"	12.89	281.9	6.708	20.68	8.29	286.8	9.72	15.31	71.38	70.49	0.891	12.1	10.71	26.191	0	0	
"2014-05-08	23:00:00"	11.28	284	6.638	16.51	6.755	289.7	9.33	12.33	68.68	67.53	1.157	12.99	11.79	26.213	0	0	
"2014-05-09	00:00:00"	9.7	307.7	14.84	13.52	4.99	313.9	13.77	10.54	64.57	62.17	2.406	14.6	14.16	26.235	0	0	
"2014-05-09	01:00:00"	12.55	345.8	15.31	18.89	8.67	343.1	14.57	14.12	61.77	60.56	1.206	19.02	17.94	26.245	0	0	
"2014-05-09	02:00:00"	12.23	345	6.271	20.09	8.34	343.2	8.83	15.91	59.93	58.49	1.443	23.23	22.52	26.248	0	0	
"2014-05-09	03:00:00"	16.07	347.3	10.1	21.87	11.88	344.9	10.5	18.3	60.34	59.56	0.783	22.84	21.74	26.243	0	0	
"2014-05-09	04:00:00"	13.39	353.1	11.85	18.89	9.92	349.7	12.56	15.91	58.62	57.79	0.83	23.99	22.95	26.242	0	0	
"2014-05-09	05:00:00"	5.235	317.4	53.27	11.74	2.783	311.1	58.19	9.35	57.2	55.89	1.317	24.99	24.47	26.264	0	0	
"2014-05-09	06:00:00"	5.308	322.2	13.52	7.561	2.941	327.4	19.19	5.175	57.94	55.2	2.738	24.16	24.88	26.273	0	0	
"2014-05-09	07:00:00"	3.562	288.3	16.5	5.771	1.254	317.3	63.3	3.386	56.41	52.04	4.371	25.54	28.12	26.281	0.65555	0	
"2014-05-09	08:00:00"	6.317	311.3	9.78	9.35	3.457	319.8	9.73	6.368	56.73	54.16	2.571	25.23	26.63	26.296	87.53	0	
"2014-05-09	09:00:00"	6.87	334.1	12.87	10.54	5.078	332.3	13.45	9.35	62.01	62.53	-0.519	22.96	21.38	26.304	233.65	0	
"2014-05-09	10:00:00"	5.402	284.3	26.04	9.35	3.79	283.8	26.07	8.16	66.66	67.71	-1.046	19.86	17.98	26.317	482.3	0	
"2014-05-09	11:00:00"	7.989	16.15	39.41	14.12	6.519	15.21	41.72	13.52	69.29	70.92	-1.623	17.98	15.73	26.31	687.81	0	
"2014-05-09	12:00:00"	5.297	351.9	62.04	13.52	4.035	354.9	65.87	11.74	71.21	72.87	-1.658	16.25	14	26.301	860.25	0	
"2014-05-09	13:00:00"	6.121	234.3	78.15	21.28	4.855	235.6	80.5	15.91	73.52	75.03	-1.508	14.31	12.18	26.291	939.04	0	
"2014-05-09	14:00:00"	8.5	241.8	40.72	18.89	6.876	243.2	43.62	17.7	76.34	78.13	-1.787	12.08	9.91	26.263	957.86	0	
"2014-05-09	15:00:00"	10.63	220	28.65	23.66	8.67	221.4	34.05	19.49	78.4	80.4	-2.019	10.62	8.42	26.23	998.52	0	
"2014-05-09	16:00:00"	13.37	219.4	27.85	27.84	10.98	219.5	32.04	22.47	80.3	82.4	-2.083	8.69	6.489	26.196	945.57	0	
"2014-05-09	17:00:00"	14.22	227.4	22.42	26.05	11.73	226.8	25.13	22.47	81.4	83	-1.643	7.854	5.743	26.168	812.92	0	
"2014-05-09	18:00:00"	12.37	224.1	20.5	21.28	10.05	224	23.48	18.89	81.8	83	-1.206	7.974	5.936	26.145	625.98	0	
"2014-05-09	19:00:00"	13.16	218.9	21.3	26.05	10.64	219.5	24.4	24.26	82.5	83.3	-0.785	8.3	6.324	26.13	409.48	0	
"2014-05-09	20:00:00"	11.86	194.9	14.46	18.89	9.34	194.2	16.43	16.51	81.9	82.2	-0.254	8.86	6.999	26.121	190.45	0	
"2014-05-09	21:00:00"	10.25	193.2	8.3	18.89	7.722	195.9	11.18	14.12	79.52	79.07	0.448	10.24	8.6	26.128	25.319	0	
"2014-05-09	22:00:00"	7.049	204.1	21.92	12.93	4.747	204.6	24.21	9.95	74.85	73.9	0.954	11.94	10.56	26.141	0	0	
"2014-05-09	23:00:00"	6.584	211.2	18.54	11.14	4.5	209	22.63	7.561	72.41	71.44	0.968	12.78	11.44	26.161	0	0	
"2014-05-10	00:00:00"	7.429	204.3	12.71	12.93	5.401	202.4	14.33	9.95	71.38	70.56	0.819	13.48	12.07	26.176	0	0	
"2014-05-10	01:00:00"	6.877	193.6	14.82	12.93	4.582	194.5	19.27	8.75	69.75	68.59	1.159	14.81	13.65	26.18	0	0	
"2014-05-10	02:00:00"	6.377	185.5	9.82	11.74	3.975	185.6	14.75	8.75	68.11	66.69	1.418	15.99	15.01	26.175	0	0	
"2014-05-10	03:00:00"	6.125	180.5	17.72	11.14	3.668	180.7	25.65	8.16	65.69	64.34	1.349	17.61	16.65	26.159	0	0	
"2014-05-10	04:00:00"	5.205	209.3	19.65	8.16	2.861	214.7	25.78	5.771	63.63	62.25	1.374	18.85	17.88	26.142	0	0	
"2014-05-10	05:00:00"	7.066	198.7	12.71	11.74	4.428	194.4	14.86	9.35	62.76	61.35	1.41	20.87	19.87	26.142	0	0	
"2014-05-10	06:00:00"	7.455	209	13.8	14.12	5.517	207.2	15.27	9.95	60.46	59.86	0.6	27.94	26.53	26.149	0	0	
"2014-05-10	07:00:00"	6.164	211.1	13.18	10.54	4.499	211.1	19.68	8.16	58.82	58.34	0.482	36.24	34.37	26.152	0.74776	0	
"2014-05-10	08:00:00"	5.923	208.8	11.98	8.75	4.25	205.9	17.95	6.964	58.21	57.88	0.338	49.4	46.92	26.16	71.75	0	
"2014-05-10	09:00:00"	7.287	217.1	12.48	12.33	5.917	218.6	14.22	10.54	59.87	60.17	-0.307	57.82	55.48	26.174	265.79	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-10	10:00:00"	7.704	219.1	14.93	12.33	6.465	218.3	17.75	11.14	65.77	66.44	-0.669	46.82	44.34	26.184	485.37	0
"2014-05-10	11:00:00"	8.42	240.2	16.09	12.33	7.051	241.2	19.83	11.74	72.83	73.9	-1.073	29.47	27.19	26.187	687.12	0
"2014-05-10	12:00:00"	7.657	240	29.02	13.52	6.251	240.4	30.39	12.33	78.58	80.1	-1.551	17.56	15.31	26.175	859.32	0
"2014-05-10	13:00:00"	10.93	216.8	23.9	21.28	9.08	216.2	27.26	18.3	81.6	83.2	-1.625	11.41	9.23	26.155	973.86	0
"2014-05-10	14:00:00"	12.91	231.1	26.5	24.86	10.44	233.5	29.56	21.28	84.1	86	-1.927	9.02	6.837	26.126	1023.3	0
"2014-05-10	15:00:00"	15.93	225.4	22.29	31.42	12.92	224.8	26.13	27.24	86.5	88.2	-1.704	7.899	5.717	26.091	986.83	0
"2014-05-10	16:00:00"	22.29	229	17.92	36.78	18.42	229.7	21.35	34.4	88.5	89.8	-1.322	7.21	5.066	26.063	942.57	0
"2014-05-10	17:00:00"	20.89	230.5	17.46	39.77	17.2	231.1	20.15	33.21	88.9	90	-1.127	7.075	4.975	26.04	808.08	0
"2014-05-10	18:00:00"	20.32	223.8	16.93	37.38	16.56	223	19.68	30.82	89.7	90.6	-0.873	7.017	4.948	26.015	624.9	0
"2014-05-10	19:00:00"	19.39	228.9	17.26	32.61	15.85	229.7	19.9	27.84	89.5	90	-0.496	6.881	4.893	26.006	409.23	0
"2014-05-10	20:00:00"	15.93	228.8	13.25	30.22	13.05	227.6	15.73	23.07	89.1	89.2	-0.083	6.621	4.704	25.999	192.78	0
"2014-05-10	21:00:00"	10.4	230	12.64	18.89	8.37	227.6	14.88	16.51	86.4	86	0.335	7.563	5.726	26.009	26.052	0
"2014-05-10	22:00:00"	6.553	222.4	14.43	12.33	4.464	217.6	18.47	11.14	81.3	80.4	0.894	8.95	7.361	26.025	0	0
"2014-05-10	23:00:00"	7.965	261.5	13.21	11.74	5.184	267.2	14.99	9.35	79.91	78.2	1.704	9.42	8.15	26.032	0	0
"2014-05-11	00:00:00"	7.81	272.2	40.53	14.12	3.449	288.5	47.69	6.964	77.64	74.51	3.127	10.11	9.49	26.022	0	0
"2014-05-11	01:00:00"	11.85	180.6	20.33	23.66	8.84	177.2	22.15	19.49	75.73	74.44	1.294	16.27	14.83	26.024	0	0
"2014-05-11	02:00:00"	11.92	181.6	9.54	18.3	8.87	181.1	14.3	15.31	73.36	72.79	0.574	38.81	37.44	26.024	0	0
"2014-05-11	03:00:00"	6.507	205.9	12.84	9.95	4.622	206.4	13.12	7.561	70.44	69.91	0.535	45.29	43.89	26.019	0	0
"2014-05-11	04:00:00"	7.654	202.9	15.31	11.74	5.676	199.9	15.34	9.35	69.3	68.8	0.496	47.07	45.72	26.01	0	0
"2014-05-11	05:00:00"	11.67	174.5	6.798	15.91	8.52	170.6	9.54	12.93	68.04	67.43	0.613	55.96	54.98	26.001	0	0
"2014-05-11	06:00:00"	12.61	172.6	7.528	18.3	9.52	170.4	9.83	14.12	67.54	67.12	0.419	64.89	63.99	25.991	0	0
"2014-05-11	07:00:00"	11.69	188.6	13.85	20.68	9.01	187.9	15.35	16.51	66.3	66.01	0.29	73.26	72.43	25.995	0.72136	0
"2014-05-11	08:00:00"	7.544	196.4	9.44	11.74	5.589	196.8	11.5	8.16	65.01	64.86	0.157	77.72	76.66	26.013	70.375	0
"2014-05-11	09:00:00"	10.02	196.4	14.18	15.91	7.902	194.3	16.13	13.52	67.92	68.27	-0.347	70	68.02	26.021	268.68	0
"2014-05-11	10:00:00"	11.61	207.2	13.94	17.7	9.35	205.3	15.36	15.91	72.53	73.23	-0.702	43.74	41.3	26.027	490.88	0
"2014-05-11	11:00:00"	14.41	230.9	17.1	26.05	12.12	231.4	19.87	24.86	79.45	80.2	-0.764	14.14	12.21	26.022	703.51	0
"2014-05-11	12:00:00"	20.68	235.1	14.4	32.01	17.2	236.1	17.11	29.63	83.4	84.3	-0.956	7.825	5.805	26.017	873.3	0
"2014-05-11	13:00:00"	16.76	212.7	20.37	29.63	13.56	212.5	23.17	23.66	84.9	86.4	-1.535	8.6	6.444	26.007	983.13	0
"2014-05-11	14:00:00"	15.79	205.9	19.87	29.03	12.78	204.9	22.88	24.26	85.9	87.8	-1.889	9.06	6.816	25.986	1032.9	0
"2014-05-11	15:00:00"	17.3	212.8	20.32	37.38	14.07	211.4	23.35	27.84	88.7	90.4	-1.669	6.611	4.472	25.95	1003.1	0
"2014-05-11	16:00:00"	20.15	223	18.71	36.19	16.53	223.2	21.46	31.42	91.8	93.1	-1.336	5.684	3.575	25.919	952.49	0
"2014-05-11	17:00:00"	21.48	205.1	16.92	39.17	17.35	203.6	18.17	35	93	94.2	-1.175	6.344	4.214	25.888	810.6	0
"2014-05-11	18:00:00"	21.69	208.9	20.78	37.98	17.37	208.6	22.25	33.21	93.8	94.7	-0.937	6.189	4.09	25.87	628.94	0
"2014-05-11	19:00:00"	19.77	224.2	15.01	37.98	16.18	223.1	17.15	30.82	93.9	94.3	-0.42	5.107	3.095	25.873	420.92	0
"2014-05-11	20:00:00"	18.54	229.9	13.59	32.61	15.17	227.9	16.25	27.24	92.9	92.9	-0.051	5.036	3.071	25.875	203.86	0
"2014-05-11	21:00:00"	10.89	231.3	12.26	23.07	8.55	229.7	15.22	16.51	89.6	89.2	0.412	5.743	3.875	25.883	26.193	0
"2014-05-11	22:00:00"	7.85	222	25.77	26.05	5.809	221.1	28.58	21.28	85.2	84.3	0.889	7.68	5.895	25.906	0	0
"2014-05-11	23:00:00"	18.3	168.2	8.79	28.43	14.49	165.8	10.83	27.24	80.1	79.76	0.304	45.91	44.13	25.949	0	0
"2014-05-12	00:00:00"	17.02	179.1	7.58	28.43	13.29	176.9	10.25	25.45	76.38	76.23	0.145	61.23	59.74	25.993	0	0
"2014-05-12	01:00:00"	14.75	181.9	8.43	23.66	11.39	180.2	12.26	18.89	73.44	73.33	0.113	68.6	67.25	26.014	0	0
"2014-05-12	02:00:00"	10.03	196.2	9.36	16.51	7.779	197.7	11.75	13.52	71.7	71.55	0.149	73.34	72.19	26.03	0	0
"2014-05-12	03:00:00"	6.361	222.8	20.6	18.3	4.906	223.6	24.84	15.31	70.12	69.87	0.251	76.19	75.25	26.038	0	0
"2014-05-12	04:00:00"	14.83	299.5	74.74	33.8	11.12	298.8	72.38	27.84	67.46	67.03	0.43	57.71	57.2	26.051	0	0
"2014-05-12	05:00:00"	26.16	10.36	9.68	36.78	20.25	6.09	16.23	30.82	54.82	54.86	-0.038	49.94	48.25	26.094	0	0
"2014-05-12	06:00:00"	24.29	14.71	6.884	34.4	18.85	10.96	15.61	29.03	50.64	50.71	-0.078	52.36	50.59	26.131	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-05-12	07:00:00"	23.32	15.14	6.907	32.61	18.02	11.25	14.53	26.65	48.42	48.46	-0.041	53.22	51.52	26.16	0.51928	0
"2014-05-12	08:00:00"	23.02	17.76	6.798	32.01	17.87	15.33	15.58	28.43	47.57	47.82	-0.251	55.28	53.23	26.192	62.448	0
"2014-05-12	09:00:00"	21.81	14.1	8.96	31.42	16.91	10.83	17.21	27.24	49.12	49.94	-0.822	53.35	50.4	26.224	252.89	0
"2014-05-12	10:00:00"	19.52	10.53	11.25	25.45	15.29	6.623	18.41	22.47	51.77	53.36	-1.585	48.52	44.49	26.253	468.64	0
"2014-05-12	11:00:00"	17.96	14.57	10.82	25.45	14.34	12.21	18.68	21.87	55.89	58.03	-2.138	43.41	38.98	26.273	670.32	0
"2014-05-12	12:00:00"	16.24	20.29	11.73	22.47	13.15	19.61	18.78	19.49	60.37	62.91	-2.542	37.62	33.63	26.285	836.58	0
"2014-05-12	13:00:00"	13.35	26.21	15.88	20.68	10.98	26.57	21.38	18.3	64.67	67.46	-2.793	32.07	28.19	26.287	946.68	0
"2014-05-12	14:00:00"	9.73	18.61	23.6	17.7	8.17	17.31	30.67	17.7	68.28	71.01	-2.728	26.71	23.2	26.275	995.89	0
"2014-05-12	15:00:00"	7.123	15.83	43.66	15.91	5.979	16.07	48.43	15.91	70.72	73.13	-2.409	24.05	20.87	26.264	966.14	0
"2014-05-12	16:00:00"	6.372	346.3	62.38	14.12	5.014	342.3	64.23	12.33	72.53	74.86	-2.322	22.68	19.64	26.247	915.22	0
"2014-05-12	17:00:00"	7.735	308.6	41.03	20.09	5.44	307.3	41.78	15.91	73.67	75.7	-2.036	21.14	18.3	26.222	787.71	0
"2014-05-12	18:00:00"	5.723	149.2	58.22	13.52	4.645	148.3	63.03	12.33	74.13	75.47	-1.338	20.14	17.69	26.205	601.45	0
"2014-05-12	19:00:00"	4.361	109.6	61.7	9.95	3.485	112	63.03	8.75	74.84	75.73	-0.895	19.56	17.33	26.193	391.46	0
"2014-05-12	20:00:00"	5.264	83.4	42.95	10.54	4.201	80.8	47.15	9.35	75.16	75.74	-0.582	19.27	17.21	26.193	178.8	0
"2014-05-12	21:00:00"	11.45	49.58	11.07	18.3	9.08	49.91	11.97	15.31	73.08	72.97	0.109	20.96	19.19	26.219	20.342	0
"2014-05-12	22:00:00"	21.27	46.42	10.49	36.78	16.98	47.23	12.41	32.61	67.87	67.71	0.158	24.24	22.51	26.256	0	0
"2014-05-12	23:00:00"	28.08	40.92	7.62	39.77	22.79	41.43	9.2	35.59	61.79	61.78	0.002	27.95	26.21	26.303	0	0
"2014-05-13	00:00:00"	28.91	41.76	7.361	41.56	23.67	41.94	8.91	36.19	58.36	58.38	-0.021	30.61	28.88	26.347	0	0
"2014-05-13	01:00:00"	27.87	45.76	8.05	38.57	22.77	46.02	9.33	36.19	55.73	55.75	-0.017	32.76	31.06	26.385	0	0
"2014-05-13	02:00:00"	24.92	38.9	8.57	36.19	20.2	39.45	10.48	30.22	52.9	52.91	-0.016	36.45	34.8	26.418	0	0
"2014-05-13	03:00:00"	23.57	32.23	7.48	33.8	18.93	32.62	10.58	29.63	49.9	49.94	-0.04	40.43	38.65	26.45	0	0
"2014-05-13	04:00:00"	22.76	24.87	7.721	34.4	18.12	24.42	12.68	29.63	47.82	47.86	-0.04	44.29	42.37	26.476	0	0
"2014-05-13	05:00:00"	22.78	14.85	8.12	33.21	17.71	12.1	15.8	28.43	46.61	46.71	-0.097	45.59	43.68	26.488	0	0
"2014-05-13	06:00:00"	23.21	13.66	8.55	33.21	17.92	10.72	14.84	27.84	46.36	46.61	-0.25	45.02	42.87	26.49	0	0
"2014-05-13	07:00:00"	19.32	27.36	7.946	27.84	15.33	27.39	12.09	24.86	46.11	46.41	-0.297	46	43.75	26.515	0.16668	0
"2014-05-13	08:00:00"	22.16	31.98	7.783	32.01	17.91	32.22	11.4	27.24	45.89	46.2	-0.311	44.35	42.09	26.534	15.509	0
"2014-05-13	09:00:00"	22.57	39.68	8.06	32.01	18.44	39.93	10.26	27.84	45.74	46.26	-0.517	44.59	42.04	26.556	92.738	0
"2014-05-13	10:00:00"	20.96	42.41	9.26	30.22	17.34	43.27	10.68	26.05	46.56	47.35	-0.789	42.39	39.53	26.563	182.36	0
"2014-05-13	11:00:00"	18.39	34.14	12.32	26.05	14.86	34.16	15.39	22.47	47.59	48.62	-1.037	40.7	37.86	26.581	226.63	0
"2014-05-13	12:00:00"	17.18	18.91	11.22	24.26	13.68	17.37	16.73	20.68	49.12	50.62	-1.506	38.18	35.15	26.587	362.13	0
"2014-05-13	13:00:00"	14.82	27.95	12.83	24.26	12.09	27.52	17.35	20.09	50.46	51.96	-1.499	35.49	32.48	26.58	327.78	0
"2014-05-13	14:00:00"	14.36	28.92	16.76	24.86	11.61	28.78	20.59	22.47	52.61	53.91	-1.304	33.53	30.75	26.565	296.07	0
"2014-05-13	15:00:00"	14.83	25.77	13.36	22.47	11.94	25.12	17.97	20.09	55.34	56.95	-1.607	30.28	27.43	26.546	422.62	0
"2014-05-13	16:00:00"	16.4	29.8	17.87	25.45	13.3	29.29	20.98	23.66	57.84	59.93	-2.089	27.96	24.79	26.522	590.87	0
"2014-05-13	17:00:00"	14.13	37.14	17.98	27.84	11.55	37.41	21.15	21.28	58.54	59.97	-1.433	28.52	25.76	26.505	348.51	0
"2014-05-13	18:00:00"	14.16	24.5	22.18	24.26	11.38	23.59	25.44	21.28	60.1	61.38	-1.281	25.47	22.95	26.495	336.21	0
"2014-05-13	19:00:00"	15.88	16.61	11.25	26.65	12.54	14.51	16.31	22.47	60.62	61.57	-0.947	23.44	21.13	26.497	185.07	0
"2014-05-13	20:00:00"	15.64	24.15	9.84	25.45	12.26	23.26	14.54	20.09	59.53	59.99	-0.458	24.22	22.19	26.517	99.832	0
"2014-05-13	21:00:00"	12.51	32.22	9.08	23.07	9.86	33.18	11.56	18.89	57.91	57.85	0.06	25.33	23.64	26.539	29.402	0
"2014-05-13	22:00:00"	6.891	43.81	12.51	9.95	4.387	44.34	15.75	8.16	54.28	53.15	1.129	28.9	28.07	26.567	0	0
"2014-05-13	23:00:00"	5.974	67.31	13.21	8.75	3.36	61.17	13.1	5.771	50.66	48.75	1.915	37.43	35.6	26.589	0	0
"2014-05-14	00:00:00"	3.582	38.79	24.57	8.75	3.28	8.32	20.07	5.771	49.75	44.63	5.122	42	41.38	26.61	0	0
"2014-05-14	01:00:00"	4.037	24.87	12.14	8.16	4.037	5.896	9.82	5.175	49.79	42.27	7.519	43.55	47.37	26.614	0	0
"2014-05-14	02:00:00"	5.118	2.532	12.44	7.561	3.714	359.6	9.83	4.578	48.87	39.87	9.01	45.19	50.92	26.61	0	0
"2014-05-14	03:00:00"	7.406	0.525	14.93	9.35	3.789	348.8	5.069	5.175	46.99	39.1	7.887	38.45	48.45	26.61	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-14	04:00:00"	9.86	3.916	13.35	12.33	5.242	354.9	9.27	8.75	42.68	38.13	4.558	37.79	43.32	26.607	0.0001	0	
"2014-05-14	05:00:00"	10.33	5.977	10.17	12.93	7.111	0.638	12.18	9.95	42.03	40.94	1.093	38.15	38.19	26.601	0	0	
"2014-05-14	06:00:00"	9.65	3.586	11.32	12.33	6.126	357	11.78	9.35	40.52	39.08	1.435	39.25	39.74	26.607	0	0	
"2014-05-14	07:00:00"	8.88	347.6	6.331	10.54	5.071	346.6	8.85	6.964	39.05	36.59	2.454	40.23	42.55	26.615	1.1365	0	
"2014-05-14	08:00:00"	9.46	353.2	10.7	12.33	6.621	350.3	11.18	10.54	40.92	40.29	0.629	37.37	37.08	26.629	84.333	0	
"2014-05-14	09:00:00"	10.72	6.77	10.69	15.31	8.54	1.872	14.58	13.52	47.84	48.61	-0.771	30.05	28.12	26.647	283.66	0	
"2014-05-14	10:00:00"	12.12	20.17	10.23	18.89	9.92	18.43	15.91	16.51	53.18	54.5	-1.321	25.48	23.16	26.656	497.89	0	
"2014-05-14	11:00:00"	14.07	21.96	12.86	22.47	11.51	20.7	17.42	18.89	55.68	57.55	-1.875	22.36	19.73	26.66	698.98	0	
"2014-05-14	12:00:00"	12.92	13.59	19.35	22.47	10.64	11.83	22.54	21.28	57.63	60.02	-2.398	20.32	17.49	26.651	863.9	0	
"2014-05-14	13:00:00"	10.98	12.23	32.48	21.28	8.96	10.19	36.53	18.89	59.04	61.72	-2.679	19.15	16.23	26.637	972.02	0	
"2014-05-14	14:00:00"	10	351.2	30.66	21.28	7.953	350.9	36.51	17.7	60.71	63.36	-2.643	16.58	13.81	26.614	1022.2	0	
"2014-05-14	15:00:00"	11	327.4	36.16	24.86	8.54	326.4	37.38	24.26	62.37	65.16	-2.794	14.99	12.25	26.591	988.5	0	
"2014-05-14	16:00:00"	9.74	351.7	37.15	20.68	7.854	348.9	39.18	18.89	63.73	66.3	-2.564	12.92	10.36	26.57	942.77	0	
"2014-05-14	17:00:00"	9.96	322	40.92	21.28	7.405	321.5	42.31	19.49	64.74	67.18	-2.437	11.9	9.45	26.54	812.69	0	
"2014-05-14	18:00:00"	9.38	352.3	33.53	19.49	7.73	350.9	37.85	17.7	65.26	67.3	-2.035	11.12	8.79	26.523	629.54	0	
"2014-05-14	19:00:00"	8.64	345.3	45.27	21.28	6.679	345.4	45.78	19.49	66.05	67.45	-1.403	11.49	9.31	26.51	418.09	0	
"2014-05-14	20:00:00"	7.762	347.6	22.93	15.31	5.907	341.9	26.26	12.93	66	66.8	-0.798	11.52	9.54	26.508	202.24	0	
"2014-05-14	21:00:00"	6.172	352.8	14.09	14.12	4.12	349.3	13.15	11.74	64.97	63.18	1.784	11.85	11.05	26.517	31.73	0	
"2014-05-14	22:00:00"	7.937	341.6	10.15	9.95	4.045	344.4	9.26	5.771	63.26	56.53	6.725	12.62	14.38	26.532	0.00335	0	
"2014-05-14	23:00:00"	6.649	311.7	9.38	9.35	3.275	313.8	8.6	5.175	63.28	55.29	7.983	12.38	14.82	26.549	0	0	
"2014-05-15	00:00:00"	4.338	273.3	10.57	6.368	2.242	268	17.51	4.578	61.42	57.25	4.172	13.04	13.65	26.553	0	0	
"2014-05-15	01:00:00"	3.537	246.8	24.03	6.368	1.542	241.4	40.69	5.175	58.3	55.08	3.215	14.47	15.14	26.548	0	0	
"2014-05-15	02:00:00"	3.713	233.4	10.36	5.771	1.556	228.1	20.34	3.982	56.17	54.05	2.117	15.23	15.1	26.538	0	0	
"2014-05-15	03:00:00"	4.308	231.9	27.64	6.368	2.356	226	31.61	4.578	52.08	50.15	1.926	17.61	17.36	26.535	0	0	
"2014-05-15	04:00:00"	5.337	269.4	6.444	6.964	2.055	292.4	11.93	4.578	53.22	48.99	4.229	16.39	18.08	26.522	0	0	
"2014-05-15	05:00:00"	5.881	265.4	7.296	8.16	3.567	272.2	7.157	5.771	53.16	50.79	2.37	15.92	15.79	26.517	0	0	
"2014-05-15	06:00:00"	5.25	273.3	12.98	7.561	2.468	282	11.52	4.578	51.84	49.01	2.834	16.68	17.07	26.514	0	0	
"2014-05-15	07:00:00"	7.083	299.7	6.74	12.93	2.446	306.8	11.71	8.16	47.34	42.87	4.478	19.11	20.97	26.516	1.2957	0	
"2014-05-15	08:00:00"	6.375	280.8	6.468	8.16	2.683	304.2	13.07	4.578	49.1	44.7	4.398	19.39	21.18	26.522	83.818	0	
"2014-05-15	09:00:00"	6.327	264.9	16.36	11.74	4.38	268.1	20.67	9.95	54.56	54.86	-0.304	17.42	16.05	26.531	280.14	0	
"2014-05-15	10:00:00"	8.71	239.7	15.65	16.51	7.131	240.7	17.81	15.91	62.3	62.94	-0.636	13.88	12.11	26.529	494.44	0	
"2014-05-15	11:00:00"	11.31	217.4	16.15	18.89	9.26	215.6	19.29	16.51	66.16	67.18	-1.026	12.14	10.16	26.527	696.93	0	
"2014-05-15	12:00:00"	12.55	214.5	17.01	21.87	10.39	213.1	19.68	19.49	68.3	69.65	-1.355	11.47	9.37	26.519	863.59	0	
"2014-05-15	13:00:00"	12.44	222.9	19.66	22.47	10.27	223	23.89	21.87	70.28	71.92	-1.644	10.85	8.68	26.505	971.77	0	
"2014-05-15	14:00:00"	12.91	238.2	20.93	27.84	10.64	240.7	24.8	23.66	71.7	73.64	-1.934	10.23	8	26.482	1017.8	0	
"2014-05-15	15:00:00"	13.24	232.3	25.86	28.43	10.81	233.1	29.09	20.68	73.59	75.47	-1.879	9.59	7.36	26.457	981.5	0	
"2014-05-15	16:00:00"	12.57	231.7	28.88	27.24	10.27	232.4	33.19	24.26	74.93	76.83	-1.897	9.08	6.871	26.43	935.75	0	
"2014-05-15	17:00:00"	10.72	248.3	31.39	22.47	8.59	249.1	34.13	20.68	75.9	77.68	-1.782	8.65	6.483	26.406	806.66	0	
"2014-05-15	18:00:00"	10.44	238.3	36.6	21.87	8.35	240.1	41.16	17.7	77	78.38	-1.389	8.34	6.24	26.387	623.65	0	
"2014-05-15	19:00:00"	11.44	236.9	21.98	23.66	9.33	237.3	25.59	19.49	77.56	78.42	-0.859	7.955	5.953	26.375	413.05	0	
"2014-05-15	20:00:00"	8.55	272.6	35.16	16.51	6.062	276	35.55	13.52	77.45	77.87	-0.42	7.913	6.042	26.373	200.35	0	
"2014-05-15	21:00:00"	4.301	250.9	17.3	6.964	2.514	254.1	19.22	5.771	76.16	75.22	0.941	8.38	6.876	26.379	30.996	0	
"2014-05-15	22:00:00"	4.305	229.5	29.64	6.368	2.183	227.6	37.85	4.578	74.08	72.23	1.857	9.02	7.853	26.388	0.00019	0	
"2014-05-15	23:00:00"	5.901	190.7	17.1	9.95	3.666	184.3	14.95	7.561	67.82	66	1.815	11.24	10.34	26.397	0	0	
"2014-05-16	00:00:00"	7.266	190.4	7.697	11.14	4.852	198.4	11.39	7.561	64.82	63.8	1.017	12.34	11.01	26.399	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-16	01:00:00"	7.104	198.1	8.96	9.95	4.896	203.8	11.68	7.561	61.32	60.57	0.744	13.66	12.27	26.391	0
"2014-05-16	02:00:00"	8.67	192.3	8.31	14.72	5.908	198.2	11.29	9.95	59.18	58.34	0.836	13.86	12.65	26.38	0
"2014-05-16	03:00:00"	11.61	191.7	9.19	20.09	8.78	194.5	12.52	15.91	61.14	60.45	0.69	11.47	10.05	26.374	0
"2014-05-16	04:00:00"	10.75	197.6	10.08	20.09	8.16	199.2	11.52	17.1	59.63	59.14	0.482	13.16	11.67	26.367	0
"2014-05-16	05:00:00"	7.572	210.9	12.4	11.14	5.822	205.8	13.8	8.75	56.71	56.2	0.51	14.31	12.85	26.365	0
"2014-05-16	06:00:00"	7.22	221.3	11.34	10.54	5.655	221.2	11.67	8.75	55.57	55.12	0.449	14.37	12.86	26.357	0
"2014-05-16	07:00:00"	6.617	207.3	13.05	9.35	4.45	206.1	12.88	7.561	54.15	53.33	0.824	15.31	13.98	26.353	0.98691
"2014-05-16	08:00:00"	7.742	198	9.71	11.14	5.585	200.3	9.95	9.35	53.57	53.06	0.502	17.45	16.03	26.355	79.378
"2014-05-16	09:00:00"	7.449	215.3	12.88	11.74	6.136	214.7	15.5	9.95	56.98	57.31	-0.325	16.86	15.18	26.364	278.9
"2014-05-16	10:00:00"	9.7	219.4	13.29	15.31	8.1	219.2	16.57	12.93	63.07	63.7	-0.63	13.71	11.86	26.364	494.83
"2014-05-16	11:00:00"	9.62	239.4	16.02	15.31	8.04	240.3	18.07	13.52	70.89	71.87	-0.983	11.28	9.36	26.362	697.44
"2014-05-16	12:00:00"	10.87	243.4	16.82	18.89	8.88	243.9	20.88	15.91	78.14	79.57	-1.436	9.21	7.174	26.349	865.79
"2014-05-16	13:00:00"	11.53	242.5	19.13	23.66	9.48	243.2	23.51	20.09	81.5	83.1	-1.646	8.17	6.067	26.33	951.46
"2014-05-16	14:00:00"	12.73	258.7	20.61	22.47	9.96	260.9	22.54	18.89	83.1	85.2	-2.063	7.801	5.639	26.304	985.38
"2014-05-16	15:00:00"	15.23	265.8	19.32	30.22	11.63	268.1	21.26	26.65	84.7	87.1	-2.337	7.585	5.337	26.276	978.84
"2014-05-16	16:00:00"	15.05	260.4	17.63	26.05	11.76	264	19.8	23.66	85.7	87.7	-2.04	7.274	5.073	26.252	897.93
"2014-05-16	17:00:00"	13.22	265.3	23.56	30.82	9.91	267.2	25.92	24.26	86.8	88.7	-1.868	6.891	4.752	26.23	810.52
"2014-05-16	18:00:00"	12.69	263.3	32.07	26.05	9.5	264.9	33.85	22.47	87.1	88.7	-1.586	6.866	4.772	26.208	615.9
"2014-05-16	19:00:00"	11.68	290.1	15	20.09	7.263	291.8	15.85	16.51	86.7	87.5	-0.831	7.31	5.32	26.2	293.87
"2014-05-16	20:00:00"	8.01	270.5	18.48	15.91	5.751	274.6	19.63	11.74	86	86.2	-0.234	7.868	6.012	26.195	166.64
"2014-05-16	21:00:00"	3.512	253.5	78.16	6.368	2.015	12.39	88.8	3.982	83.8	81	2.825	8.85	8.34	26.194	27.725
"2014-05-16	22:00:00"	4.1	172	9.4	8.75	1.412	162	14.28	6.368	82.5	78.43	4.065	8.89	8.74	26.197	0
"2014-05-16	23:00:00"	5.891	177.9	9.49	9.95	3.469	174.1	12.27	6.964	77.45	75.21	2.234	10.47	9.61	26.195	0
"2014-05-17	00:00:00"	6.395	183.8	9.42	9.95	4.032	183.5	12.91	7.561	74.41	72.4	2.012	11.28	10.35	26.197	0
"2014-05-17	01:00:00"	11.25	179.5	7.822	23.07	8.29	176.3	10.61	17.7	72.93	71.5	1.429	11.99	10.82	26.198	0
"2014-05-17	02:00:00"	11.15	190.3	9.37	19.49	8.4	193.1	13.74	15.91	69.02	68.49	0.535	17.52	16.03	26.199	0
"2014-05-17	03:00:00"	8.89	204.3	19.14	14.72	6.691	206.8	21.68	11.74	66.62	66	0.618	19.31	17.9	26.189	0
"2014-05-17	04:00:00"	8.06	204	13.58	15.31	5.92	205.8	14.95	11.14	64.71	64.1	0.61	20.56	19.18	26.176	0
"2014-05-17	05:00:00"	6.881	283.6	80.5	16.51	4.931	292.1	78.13	13.52	63.83	62.84	0.984	21.36	20.27	26.197	0
"2014-05-17	06:00:00"	7.532	27.98	18.64	11.74	4.253	21.13	31.98	6.964	61.31	58.69	2.619	23.3	23.72	26.223	0
"2014-05-17	07:00:00"	11.57	28.55	7.625	15.91	8.75	27.86	11.85	14.12	57.78	57.34	0.438	35.58	34.15	26.229	0.37043
"2014-05-17	08:00:00"	14.25	23.32	6.237	20.68	10.91	22.64	11.94	19.49	57	56.98	0.014	49.42	47.42	26.247	31.989
"2014-05-17	09:00:00"	16.54	18.48	6.682	23.07	12.89	16.54	14.12	21.28	56.91	57.35	-0.436	58.22	55.77	26.264	125.29
"2014-05-17	10:00:00"	15.77	18.34	9.52	21.28	12.22	15.52	16.44	20.09	58.39	59.42	-1.032	56.21	52.85	26.295	292.99
"2014-05-17	11:00:00"	14.67	20	11.1	21.28	11.66	18.16	17.61	20.09	61.04	62.75	-1.719	50.2	46.22	26.304	516.67
"2014-05-17	12:00:00"	13.05	27.18	13.32	19.49	10.75	26.43	17.86	16.51	65.87	68.12	-2.257	39.5	35.88	26.299	792.81
"2014-05-17	13:00:00"	11.83	32.65	16.38	18.89	9.87	32.19	19.87	17.7	70.41	72.7	-2.288	31.77	28.45	26.292	770.64
"2014-05-17	14:00:00"	9.89	39.96	17.74	18.89	8.26	41.28	22.24	16.51	73.84	76.27	-2.421	26.75	23.5	26.277	993.13
"2014-05-17	15:00:00"	7.688	47.73	37.42	15.31	6.333	46.33	42.63	14.12	77.37	79.58	-2.214	23.41	20.37	26.26	961.45
"2014-05-17	16:00:00"	5.973	44.28	38.68	13.52	5.02	42.78	47.28	12.93	80.2	82.2	-2.043	21.03	18.16	26.242	927.7
"2014-05-17	17:00:00"	6.958	79.33	40.99	14.12	5.826	81.4	47.77	12.33	82.5	84.1	-1.639	18.94	16.34	26.222	792.1
"2014-05-17	18:00:00"	6.468	104.1	36.76	15.31	5.409	105.6	38.85	13.52	83.7	85	-1.255	17.23	14.86	26.207	612.46
"2014-05-17	19:00:00"	8.61	106.8	26.6	17.1	7	105.6	29.08	15.31	84.4	85.4	-1.056	16.48	14.21	26.201	401.84
"2014-05-17	20:00:00"	11.47	120.5	11.07	17.1	8.95	121.2	13.62	14.12	83.6	84.1	-0.493	17.18	15.11	26.198	185.28
"2014-05-17	21:00:00"	10.99	114.7	7.29	17.7	8.01	114.2	10.6	13.52	80.5	80.1	0.387	19.28	17.61	26.209	29.628

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-17	22:00:00"	10.46	111.7	6.237	14.72	7.27	109.6	9.07	11.14	75.56	74.73	0.833	23.25	21.88	26.22	0	0
"2014-05-17	23:00:00"	11.33	107	7.57	15.31	8.26	104.9	9.4	11.74	72.91	72.22	0.689	25.95	24.64	26.229	0	0
"2014-05-18	00:00:00"	13.18	100.2	6.701	18.89	9.91	98.6	7.966	15.31	70.33	69.81	0.517	27.33	25.99	26.237	0	0
"2014-05-18	01:00:00"	14.78	98.5	7.097	21.87	11.41	97.4	8.58	15.91	68.33	67.95	0.375	31.31	29.88	26.246	0	0
"2014-05-18	02:00:00"	14.01	91.8	6.683	20.09	10.7	91	8.03	17.7	66.18	65.81	0.365	36.26	34.9	26.253	0	0
"2014-05-18	03:00:00"	14.33	83.3	7.819	20.09	10.66	81.8	10.44	16.51	63.49	63.18	0.307	44.2	42.65	26.264	0	0
"2014-05-18	04:00:00"	12.28	83.7	7.357	16.51	8.84	82.2	9.36	14.12	61.26	60.95	0.318	50.24	48.81	26.253	0	0
"2014-05-18	05:00:00"	10.75	75.39	7.398	14.72	7.509	71.72	10.11	11.74	58.28	57.96	0.319	54.98	53.7	26.243	0	0
"2014-05-18	06:00:00"	10.23	65.73	7.016	15.31	7.111	63.05	8.89	10.54	55.85	55.53	0.321	60.1	58.82	26.244	0	0
"2014-05-18	07:00:00"	10	74.94	6.076	12.93	6.54	69.61	9.46	9.35	54.38	53.97	0.406	66.65	65.48	26.236	1.204	0
"2014-05-18	08:00:00"	9.38	72.61	7.992	13.52	6.682	69.05	9.81	11.14	54.26	54.25	0.006	71.09	69.5	26.24	83.844	0
"2014-05-18	09:00:00"	9.62	105.1	17.02	13.52	7.603	104.2	18.51	12.33	59.38	59.84	-0.461	65.34	63.1	26.25	247.3	0
"2014-05-18	10:00:00"	11.55	149.5	15.82	16.51	9.19	147.9	15.72	15.91	65.61	66.65	-1.034	56.94	53.64	26.253	475.37	0
"2014-05-18	11:00:00"	12.71	171.8	12.51	18.3	10.23	169.4	14.86	15.91	70.37	71.93	-1.56	49.55	45.51	26.248	673.74	0
"2014-05-18	12:00:00"	11.66	176.8	13.44	18.3	9.45	175.1	17.24	15.31	75.9	77.81	-1.916	41.21	37.38	26.242	847.78	0
"2014-05-18	13:00:00"	11.92	183.9	20.34	18.3	9.81	182.8	22.93	15.31	80.2	82.2	-2.059	35.83	32.37	26.234	947.74	0
"2014-05-18	14:00:00"	11.75	196.1	17.81	22.47	9.59	195.9	21.99	18.89	83.3	85.4	-2.082	30.39	27.13	26.215	1000.7	0
"2014-05-18	15:00:00"	11.49	201.7	19.08	20.09	9.53	201	22.51	18.3	86.7	88.7	-1.978	25.07	22.03	26.191	970.76	0
"2014-05-18	16:00:00"	11.08	213.1	23.72	24.86	9.15	211.5	27.83	21.28	90.2	92	-1.802	18.17	15.52	26.167	930.74	0
"2014-05-18	17:00:00"	11.65	192.7	27.28	21.87	9.51	192.5	31.53	19.49	91.8	93.5	-1.706	14.4	11.92	26.138	773.9	0
"2014-05-18	18:00:00"	13.24	176	20.99	23.07	10.61	173.4	24.31	18.89	92.5	94	-1.478	14.39	11.99	26.119	575.12	0
"2014-05-18	19:00:00"	15.47	179.6	11.24	26.65	12.12	177.7	14.96	23.07	92.2	93.1	-0.895	15.52	13.26	26.11	319.96	0
"2014-05-18	20:00:00"	19.06	169.6	8.94	27.84	15.13	167.3	10.66	23.66	89	89.2	-0.187	23.11	21.11	26.111	115.05	0
"2014-05-18	21:00:00"	17.29	168.2	9.15	29.03	13.69	165.7	11.17	25.45	84.5	84.4	0.063	30.6	28.84	26.13	26.16	0
"2014-05-18	22:00:00"	15.17	176.9	9.23	27.24	11.78	174.5	12.38	23.66	80.4	80.2	0.244	35.42	33.93	26.16	0	0
"2014-05-18	23:00:00"	19.08	174.5	7.29	27.24	14.88	171.4	9.99	25.45	76.84	76.63	0.213	42.85	41.23	26.17	0	0
"2014-05-19	00:00:00"	18.33	175.7	7.655	29.63	14.2	173.5	10.6	25.45	74.9	74.65	0.244	47.38	45.87	26.181	0	0
"2014-05-19	01:00:00"	19.48	174.1	6.959	29.03	15.28	171.2	9.65	23.66	73.36	73.13	0.233	50.6	49.18	26.181	0	0
"2014-05-19	02:00:00"	20.02	176.8	6.699	30.22	15.55	174.3	9.36	25.45	72.08	71.87	0.217	51.5	50.12	26.179	0	0
"2014-05-19	03:00:00"	18.5	177.3	6.225	25.45	14.26	174.5	9.71	22.47	70.7	70.5	0.204	53.84	52.49	26.174	0	0
"2014-05-19	04:00:00"	16.69	179.8	7.454	23.66	12.87	178	10.99	18.89	69.17	68.95	0.224	57.81	56.58	26.168	0	0
"2014-05-19	05:00:00"	12.57	187.9	8.7	18.89	9.6	189.2	12.68	17.7	67.15	66.9	0.242	61.73	60.65	26.171	0	0
"2014-05-19	06:00:00"	10.7	188.6	8.31	16.51	8.2	189.6	12.44	13.52	65.18	64.91	0.271	65.49	64.53	26.17	0	0
"2014-05-19	07:00:00"	9.3	193.5	8.21	12.33	6.978	197.4	10.86	9.95	62.8	62.47	0.326	70.21	69.43	26.175	1.5196	0
"2014-05-19	08:00:00"	8.66	195.7	7.8	13.52	6.464	198.5	10.05	11.74	61.77	61.68	0.088	73.22	72.04	26.19	76.469	0
"2014-05-19	09:00:00"	13.79	192.4	8.05	18.89	10.87	194	11.8	17.1	64.74	65.12	-0.377	69.38	67.35	26.2	234.72	0
"2014-05-19	10:00:00"	14.71	203	12.21	21.28	11.81	202	14.34	18.3	69.53	70.28	-0.751	59.11	56.26	26.211	412.58	0
"2014-05-19	11:00:00"	12.93	207.2	13.8	19.49	10.49	206.1	16.19	17.1	73.16	74.25	-1.09	50.92	47.65	26.222	584.95	0
"2014-05-19	12:00:00"	11.29	215.5	14.33	17.7	9.24	213.7	17.74	15.91	76.38	77.37	-0.989	42.99	40.12	26.225	582.01	0
"2014-05-19	13:00:00"	10.69	224	17.44	15.91	8.95	222.8	20.19	15.31	81.3	82.4	-1.154	32.37	29.84	26.216	762.18	0
"2014-05-19	14:00:00"	14.1	243.3	18.17	25.45	11.37	244.9	21.22	21.28	88.7	89.8	-1.177	13.8	11.63	26.2	728.92	0
"2014-05-19	15:00:00"	15.27	243.5	16.76	29.03	12.29	246.6	20.09	23.66	91.2	92.6	-1.488	8.52	6.39	26.187	827.43	0
"2014-05-19	16:00:00"	14.99	223.7	23.45	27.84	12.18	222.9	26.39	26.65	91.6	92.8	-1.224	9.17	7.027	26.172	695.12	0
"2014-05-19	17:00:00"	17.05	239.3	14.62	29.63	13.83	241.2	17.74	26.65	92.5	93.4	-0.912	7.142	5.09	26.156	552.3	0
"2014-05-19	18:00:00"	15.78	241.3	14.02	24.86	12.66	243.9	16.59	21.87	92.7	93.4	-0.733	6.579	4.575	26.145	480.44	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-19	19:00:00"	16.92	251.6	12.82	28.43	13.04	255.5	16.96	23.07	93.1	93.4	-0.358	6.623	4.677	26.134	275.75	0	
"2014-05-19	20:00:00"	15.46	255.2	9.71	24.26	11.72	260.2	13.72	20.68	92.1	91.9	0.159	6.701	4.845	26.132	111.04	0	
"2014-05-19	21:00:00"	7.89	248.6	11.03	16.51	5.197	253.8	14.5	12.93	88.3	87.1	1.197	7.2	5.644	26.143	12.617	0	
"2014-05-19	22:00:00"	13.54	177.2	16.29	21.87	10.2	171.8	14.74	19.49	84.4	83.4	1.024	20.05	18.46	26.161	0.00144	0	
"2014-05-19	23:00:00"	16.75	175.8	6.149	25.45	12.84	172.4	9.18	20.09	81.2	80.7	0.456	36.08	34.74	26.182	0	0	
"2014-05-20	00:00:00"	15.21	176.9	6.755	21.87	11.64	173.7	9.85	18.3	77.41	77.02	0.391	43.71	42.25	26.203	0	0	
"2014-05-20	01:00:00"	11.08	185	8.45	18.3	8.48	184.7	11.76	14.72	74.44	74.08	0.363	50.34	49.02	26.216	0	0	
"2014-05-20	02:00:00"	7.8	197.9	12.85	11.74	5.759	200.4	15.31	8.75	71.99	71.55	0.442	53.34	52.27	26.223	0	0	
"2014-05-20	03:00:00"	8.48	188.4	8.23	12.33	6.02	189.2	11.5	9.95	70.68	70.01	0.67	52.66	52.03	26.218	0	0	
"2014-05-20	04:00:00"	7.079	187.5	7.185	10.54	4.709	188.7	11.08	8.16	69.31	68.43	0.876	53.27	52.89	26.209	0	0	
"2014-05-20	05:00:00"	7.5	187.7	8.44	12.33	5.161	189.6	11.98	9.35	68.43	67.65	0.781	54.81	54.34	26.209	0	0	
"2014-05-20	06:00:00"	7.006	194	6.043	9.35	4.734	199.4	9.37	7.561	66.14	65.38	0.766	58.99	58.45	26.216	0	0	
"2014-05-20	07:00:00"	6.738	193.7	5.621	9.95	4.212	196.6	8.95	6.964	65.27	64.22	1.055	61.91	61.77	26.227	1.0206	0	
"2014-05-20	08:00:00"	6.902	199	12.71	9.95	4.931	196.5	11.38	6.964	64.69	64.12	0.571	64.65	64.02	26.24	80.963	0	
"2014-05-20	09:00:00"	7.423	188.7	14.12	13.52	5.912	185.8	15.27	11.74	66.9	67.38	-0.473	62.85	60.65	26.253	271.24	0	
"2014-05-20	10:00:00"	9.01	197.4	17.25	13.52	7.409	195.9	20.39	11.14	71.14	72.08	-0.938	55.48	52.43	26.266	486.53	0	
"2014-05-20	11:00:00"	7.84	225	23.01	14.72	6.589	226.2	26.54	13.52	76.58	77.74	-1.158	42	39.14	26.272	690.33	0	
"2014-05-20	12:00:00"	9.07	245.1	16.55	14.72	7.492	246.7	18.56	13.52	82.4	83.9	-1.54	28.54	25.91	26.268	851.67	0	
"2014-05-20	13:00:00"	6.623	224.8	39.39	15.31	5.546	225.2	44.15	13.52	87.2	88.8	-1.619	17.04	14.67	26.26	956.51	0	
"2014-05-20	14:00:00"	8.84	206.9	35.45	21.28	7.352	203.9	40.16	20.09	90	91.8	-1.735	11.87	9.59	26.243	1002.1	0	
"2014-05-20	15:00:00"	10.51	231.9	25.54	29.63	8.48	232.2	29.61	24.86	92.4	94.4	-1.969	7.346	5.203	26.227	977.08	0	
"2014-05-20	16:00:00"	11.13	205.7	27.49	26.05	9.03	205.2	30.04	18.89	93.4	95.1	-1.735	8.85	6.605	26.211	921.25	0	
"2014-05-20	17:00:00"	13.25	214.8	30.47	26.05	10.69	213.9	33.59	23.07	93.9	95.6	-1.669	8.76	6.524	26.191	782.7	0	
"2014-05-20	18:00:00"	13.64	200.6	17.91	25.45	10.88	198.9	19.97	20.09	94.3	95.6	-1.299	7.331	5.18	26.178	577.44	0	
"2014-05-20	19:00:00"	12.7	188.2	14.4	26.05	10.07	187.1	17.95	20.09	94	94.8	-0.826	6.985	4.941	26.17	351.07	0	
"2014-05-20	20:00:00"	12.15	187.2	14.76	21.28	9.54	185.4	17.85	18.3	93.7	94	-0.356	7.187	5.219	26.164	225.88	0	
"2014-05-20	21:00:00"	10.04	184.9	10.46	26.05	7.379	185.3	14.62	20.09	90.5	89.7	0.764	9.17	7.433	26.172	16.571	0	
"2014-05-20	22:00:00"	12.94	171.7	7.863	23.66	9.98	168.9	10.31	18.89	84.5	84.1	0.403	29.8	28.22	26.193	0.0295	0	
"2014-05-20	23:00:00"	13.2	184.2	9.19	24.26	10.19	184.2	13.05	20.09	81.1	80.8	0.287	36.93	35.36	26.223	0	0	
"2014-05-21	00:00:00"	8.35	207.1	22.09	18.89	6.416	207.6	23.96	13.52	78.23	77.94	0.296	43.26	41.67	26.252	0	0	
"2014-05-21	01:00:00"	16.34	180.4	8.8	22.47	12.57	178.1	12.26	18.89	76.09	75.86	0.229	46.18	44.61	26.253	0	0	
"2014-05-21	02:00:00"	15.94	174.5	6.351	23.66	12.2	172.1	9.54	20.09	73.99	73.78	0.203	51.13	49.66	26.246	0	0	
"2014-05-21	03:00:00"	9.35	168.8	9.25	13.52	7.146	167.1	11.22	11.14	71.82	71.58	0.236	54.21	52.86	26.235	0	0	
"2014-05-21	04:00:00"	8.13	165.7	11.01	12.33	6.25	164.2	12.81	10.54	70.07	69.84	0.228	57.22	55.94	26.229	0	0	
"2014-05-21	05:00:00"	8.04	153.6	9.12	11.74	6.269	151.6	9.31	9.95	68.72	68.49	0.232	59.86	58.66	26.224	0	0	
"2014-05-21	06:00:00"	7.335	148.5	9.06	10.54	5.637	146.3	9.17	9.35	68.21	68.01	0.198	61.85	60.64	26.221	0	0	
"2014-05-21	07:00:00"	6.592	156.7	11.75	11.14	5.073	154	12.6	8.16	67.67	67.52	0.15	63.5	62.25	26.233	0.78517	0	
"2014-05-21	08:00:00"	8.09	158	12.34	12.33	6.505	156.1	13.57	11.14	68.28	68.32	-0.036	63.41	61.9	26.248	27.443	0	
"2014-05-21	09:00:00"	12.22	165.2	13.01	23.66	9.8	163	13.86	20.09	68.77	69.07	-0.304	63.29	61.32	26.262	94.11	0	
"2014-05-21	10:00:00"	17.38	170.4	9.09	24.86	13.72	168.1	11.34	22.47	69.63	70.35	-0.723	64.65	61.94	26.273	286.74	0	
"2014-05-21	11:00:00"	14.83	166.6	12.62	24.26	11.95	164.5	14.33	20.09	71.17	72.31	-1.137	63.22	59.7	26.279	369.03	0	
"2014-05-21	12:00:00"	11.57	179.4	16.61	20.68	9.27	178.8	20.14	16.51	75.01	76.89	-1.877	56.83	52.26	26.275	779.45	0	
"2014-05-21	13:00:00"	9.91	191.1	20.79	17.7	7.996	189.2	23.88	14.72	80.5	82.3	-1.858	45.67	41.49	26.264	861.59	0	
"2014-05-21	14:00:00"	9.44	186.2	25.34	16.51	7.609	186.5	28.35	14.72	84.9	86.9	-2.038	35.06	31.71	26.245	990.87	0	
"2014-05-21	15:00:00"	9.42	204.9	26.72	20.68	7.64	204.4	31.68	15.31	88.2	90.1	-1.867	28.46	25.47	26.229	885.46	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-21	16:00:00"	10.47	200.1	27.6	20.68	8.54	199.8	29.5	17.7	89.3	91	-1.746	26.26	23.4	26.215	585.14	0
"2014-05-21	17:00:00"	12.35	211	26.07	26.65	9.8	210.6	28.46	22.47	87.8	88.5	-0.77	27.11	24.85	26.204	135.74	0
"2014-05-21	18:00:00"	12.13	284.6	15.72	21.87	8.41	287.3	16.41	18.3	84.1	85	-0.948	27.04	24.78	26.204	316.72	0
"2014-05-21	19:00:00"	20.32	151.3	60.51	48.71	15.97	151.8	61.76	46.33	83.8	85	-1.171	26.42	23.93	26.191	474.44	0
"2014-05-21	20:00:00"	11.16	156.8	21.75	20.68	8.82	155.2	21.43	17.1	84.4	84.9	-0.455	22.4	20.38	26.177	174.81	0
"2014-05-21	21:00:00"	16.2	156.8	13.54	30.22	12.83	155.1	13.61	22.47	83.1	83	0.152	30.58	28.89	26.189	13.434	0
"2014-05-21	22:00:00"	13.85	153.3	9.08	23.07	11.05	151.2	9.07	18.89	80.3	80.1	0.211	38.72	37.27	26.205	0.03496	0
"2014-05-21	23:00:00"	11.83	155.3	8.98	21.28	9.4	152.8	9.75	18.3	77.82	77.58	0.242	42.17	40.59	26.241	0	0
"2014-05-22	00:00:00"	7.863	98.2	29.64	12.33	5.505	94.9	29.12	9.35	74.32	73.78	0.535	47.98	46.82	26.273	0	0
"2014-05-22	01:00:00"	8.24	104.5	10.05	11.74	5.311	100.2	12.25	9.35	72.82	72.05	0.762	50.84	50.17	26.277	0	0
"2014-05-22	02:00:00"	9.12	105.2	9.13	13.52	6.227	101.9	11.86	10.54	71.77	71.14	0.638	52.9	52.14	26.273	0	0
"2014-05-22	03:00:00"	12.04	123.1	8.43	17.1	8.51	122.8	10.36	13.52	71.07	70.58	0.488	55.03	54.17	26.26	0	0
"2014-05-22	04:00:00"	11.44	128.2	8.25	15.91	8.17	128.1	9.78	12.93	69.86	69.46	0.394	57.88	56.94	26.26	0	0
"2014-05-22	05:00:00"	11.52	133.3	6.958	15.91	8.47	132.1	8.14	12.93	67.97	67.68	0.287	63.28	62.25	26.26	0	0
"2014-05-22	06:00:00"	10.71	125.3	11.77	15.31	7.941	124.2	13.36	13.52	66.92	66.75	0.178	67.39	66.31	26.26	0	0
"2014-05-22	07:00:00"	8.25	134.4	14.62	12.33	6.202	133.6	15.57	9.95	67.03	67.02	0.009	71.41	69.99	26.273	1.2827	0
"2014-05-22	08:00:00"	6.563	120.7	23.51	14.72	4.799	119.9	23.22	12.33	68	68.1	-0.1	76.2	74.7	26.288	10.808	0
"2014-05-22	09:00:00"	11.57	137.6	11.18	18.89	8.95	136.7	11.45	16.51	68.79	69.16	-0.375	78.3	76.34	26.295	113.86	0
"2014-05-22	10:00:00"	17.83	152.1	12.7	25.45	14.22	149.9	13.21	24.26	70.82	71.72	-0.904	73.75	70.67	26.296	382.29	0
"2014-05-22	11:00:00"	17.24	157.7	12.38	26.05	14.1	154.7	13.18	21.87	72.89	74.3	-1.413	68.11	64.06	26.303	604.87	0
"2014-05-22	12:00:00"	16.01	162.2	12.56	25.45	13	159.3	13.98	21.28	73.37	74.74	-1.373	66.71	62.64	26.31	400.71	0
"2014-05-22	13:00:00"	14.74	147.2	15.77	24.26	11.72	145.5	16.44	20.68	75.03	76.46	-1.439	63.43	59.8	26.321	506.08	0
"2014-05-22	14:00:00"	14.71	156.3	13.55	24.86	11.83	153.3	13.89	20.09	74.06	74.95	-0.891	64.45	61.49	26.334	175.82	0
"2014-05-22	15:00:00"	13.95	172	15.08	20.68	11.05	170	16.57	16.51	73.02	73.61	-0.587	66.88	64.91	26.332	178.99	0
"2014-05-22	16:00:00"	10.33	163.3	29.05	17.7	8.26	162.3	29.04	15.31	74.48	75.39	-0.919	61.65	58.71	26.301	318.84	0
"2014-05-22	17:00:00"	12.05	109.1	13.84	18.3	9.48	109.1	16	14.72	75.68	76.24	-0.56	55.47	52.84	26.28	106.55	0
"2014-05-22	18:00:00"	10.44	92.4	9.95	15.31	8.11	92.1	11.23	12.33	77.07	77.25	-0.184	50.56	48.65	26.258	79.458	0
"2014-05-22	19:00:00"	13.23	127.5	28.24	21.87	10.32	125.9	28.28	17.1	77.68	77.77	-0.084	51.23	49.43	26.264	66.098	0
"2014-05-22	20:00:00"	7.816	176.4	17.36	18.3	5.931	175.7	20.58	16.51	77.37	77.44	-0.075	50.24	48.41	26.271	55.182	0
"2014-05-22	21:00:00"	5.985	323.3	44.84	11.74	4.189	325	46.57	9.35	71.47	71.49	-0.024	59.23	57.62	26.286	19.374	0
"2014-05-22	22:00:00"	4.688	26.01	39.24	9.95	3.088	29.97	51.51	7.561	68.86	68.28	0.579	63.95	62.98	26.3	0.02941	0
"2014-05-22	23:00:00"	6.048	14.49	9.83	9.35	3.989	11.34	15.45	7.561	68.13	67.5	0.633	66.78	66.14	26.315	0	0
"2014-05-23	00:00:00"	3.34	83.7	23.52	6.964	1.862	35.44	44.23	5.175	69.96	67.99	1.966	64.88	66.18	26.319	0	0
"2014-05-23	01:00:00"	5.278	120.9	17.91	8.75	2.782	93.5	34.35	6.368	70.34	68.46	1.88	65.38	66.43	26.315	0	0
"2014-05-23	02:00:00"	7.363	143.1	17.31	11.14	4.518	139.4	18.47	9.35	69.82	68.86	0.954	68.46	68.45	26.298	0	0
"2014-05-23	03:00:00"	4.933	137	43.54	9.95	2.622	119.4	57.84	7.561	69.13	68.25	0.879	70.99	71.1	26.294	0	0
"2014-05-23	04:00:00"	6.08	12.66	6.806	11.14	3.792	6.508	11.25	8.16	66.97	66.09	0.882	74.62	74.97	26.292	0	0
"2014-05-23	05:00:00"	10.64	25.48	13.24	17.1	8.22	24.18	18.53	13.52	64.61	64.6	0.019	75.64	74.57	26.295	0	0
"2014-05-23	06:00:00"	11.19	41.3	8.78	15.91	9.13	42.15	10.16	13.52	62.67	62.76	-0.086	79.38	78.1	26.29	0	0
"2014-05-23	07:00:00"	10.28	39.47	14.11	15.31	8.07	39.99	15.82	13.52	61.76	61.84	-0.081	82.2	81	26.302	0.32695	0
"2014-05-23	08:00:00"	11.01	25.18	8.35	14.72	8.67	25.09	12.54	12.93	61.98	62.24	-0.26	84.6	83	26.322	21.819	0
"2014-05-23	09:00:00"	13.32	31.4	8.08	19.49	10.65	32.01	11.63	15.91	63.75	64.33	-0.581	83.8	81.4	26.327	122.88	0
"2014-05-23	10:00:00"	15.85	36.09	11.31	21.28	12.83	36.86	14.34	18.89	65.3	66.03	-0.731	79.3	76.54	26.338	181.54	0
"2014-05-23	11:00:00"	14	44.15	10.52	20.09	11.47	45.3	12.37	18.3	67.59	68.72	-1.128	72.33	68.88	26.339	349.2	0
"2014-05-23	12:00:00"	12.31	47.58	14.7	18.3	10.24	47.92	16.57	17.7	69.97	71.96	-1.989	68.04	62.95	26.335	712.5	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-23	13:00:00"	9.82	63.9	21.41	16.51	8.07	64.48	22.32	14.12	72.6	74.32	-1.722	61.45	56.89	26.324	616.59	0
"2014-05-23	14:00:00"	9.99	75.31	25.27	20.09	8.23	75.47	27.9	17.1	74.88	76.74	-1.864	55.93	51.31	26.309	752.81	0
"2014-05-23	15:00:00"	9.28	80.5	21.79	20.68	7.565	80.8	24.4	17.7	77.04	78.76	-1.72	50.6	46.19	26.281	656.2	0
"2014-05-23	16:00:00"	9.24	84.7	26.41	17.7	7.456	85.4	29.88	15.91	78.91	80.8	-1.92	46.13	41.65	26.257	778.72	0
"2014-05-23	17:00:00"	10.56	61.56	20.75	18.3	8.39	61.42	22.11	15.91	78.68	79.67	-0.994	46.44	43.07	26.243	110.21	0
"2014-05-23	18:00:00"	13.92	66.29	11.17	19.49	10.99	65.96	12.6	17.7	78.31	79.14	-0.831	48.2	45.19	26.217	236.24	0
"2014-05-23	19:00:00"	11.65	76.7	17.05	26.05	8.79	75.41	17.9	20.09	74.68	75.27	-0.586	63.12	63.57	26.221	134.29	0.01
"2014-05-23	20:00:00"	14.22	80.5	7.524	20.09	10.6	79.44	10.28	16.51	74.19	74.15	0.032	59.37	58.75	26.228	66.626	0
"2014-05-23	21:00:00"	16.91	86.8	8.17	29.63	12.73	86	9.96	24.26	73.02	72.89	0.128	58.88	57.86	26.228	2.1895	0
"2014-05-23	22:00:00"	17.32	90.2	14.61	24.86	13.08	90	16.82	20.09	69.13	69.04	0.088	70.74	69.97	26.25	0.55349	0.46
"2014-05-23	23:00:00"	17.09	98.9	12.72	26.05	13.14	98.4	14.28	23.07	71.48	66.46	5.027	85.3	84.4	26.261	1.56	0
"2014-05-24	00:00:00"	14.79	91.3	10.82	21.28	11	90.1	12.32	17.1	68.92	67.65	1.274	82.9	83.3	26.28	0.67436	0
"2014-05-24	01:00:00"	15.33	109.1	7.768	21.28	11.82	108.2	9.99	17.7	67.49	67.14	0.352	82.5	82.7	26.268	0.52273	0
"2014-05-24	02:00:00"	16.48	122.2	7.103	25.45	12.23	122.3	9.55	21.28	66.15	66.56	-0.415	83.6	83.7	26.243	0.33498	0
"2014-05-24	03:00:00"	12.94	130.7	7.075	17.7	9.59	130	8.78	14.72	65.35	65.68	-0.328	85.1	85.3	26.236	0.11329	0
"2014-05-24	04:00:00"	11.23	129.1	10.99	16.51	8.41	128.6	11.49	15.31	64.76	64.92	-0.151	86.5	86.4	26.226	0	0
"2014-05-24	05:00:00"	10.59	110	9.44	14.72	8.2	108.9	11.4	11.74	64.55	64.84	-0.286	87.5	87.3	26.225	0	0
"2014-05-24	06:00:00"	8.96	124.6	10.1	15.31	6.592	124.3	11.53	11.74	65.89	66.13	-0.247	86.7	86.5	26.239	0	0
"2014-05-24	07:00:00"	8.65	128.1	9.13	12.33	6.279	128	10.51	9.95	67.17	67.28	-0.114	85.4	85.4	26.242	0.28479	0
"2014-05-24	08:00:00"	11.29	146.1	13.69	18.89	8.72	143.5	13.66	15.31	68.61	68.4	0.214	82.9	82.9	26.242	2.5904	0
"2014-05-24	09:00:00"	10.59	119.4	68.46	30.22	8.02	115.9	68.47	25.45	65.8	65.92	-0.123	82.9	83	26.269	8.3801	0
"2014-05-24	10:00:00"	21.26	26.98	10.15	30.22	16.87	26.65	15.07	25.45	57.97	58.41	-0.44	84.7	84.7	26.316	25.099	0.04
"2014-05-24	11:00:00"	20.37	45.51	8.75	29.63	16.64	46.19	9.97	26.05	58.31	58.88	-0.566	87.3	87.5	26.316	210.03	0.02
"2014-05-24	12:00:00"	19.13	48.87	8.72	31.42	15.4	49.09	9.83	27.24	59.88	60.2	-0.32	84.9	85	26.312	188.85	0.05
"2014-05-24	13:00:00"	18.77	58.86	10.82	26.05	15.04	59.42	11.94	23.07	63.16	64.07	-0.906	80.8	81	26.298	745.7	0
"2014-05-24	14:00:00"	17.96	68.75	10.48	24.86	14.11	69	11.91	21.28	66.39	67.46	-1.077	71.7	71.4	26.282	803.89	0
"2014-05-24	15:00:00"	18.43	76.66	11.54	27.84	14.26	76.2	12.95	24.26	69.18	70.42	-1.243	66.04	65.36	26.263	915.99	0
"2014-05-24	16:00:00"	17.75	77.41	11.85	27.24	13.88	76.58	13.47	23.07	69.39	70.71	-1.321	65.54	63.86	26.245	875.56	0
"2014-05-24	17:00:00"	15.04	84.4	10.82	21.87	11.66	83.7	12.62	18.89	70.5	71.68	-1.172	65.22	63.13	26.235	559.66	0
"2014-05-24	18:00:00"	14.85	80.2	10.58	22.47	11.45	80.2	12.78	18.3	70.27	71.39	-1.121	65.55	63.27	26.211	539.86	0
"2014-05-24	19:00:00"	15.37	87.9	9.29	22.47	11.79	87.4	10.9	20.09	70	70.74	-0.738	66.85	64.93	26.201	263.62	0
"2014-05-24	20:00:00"	13.76	88.3	8.92	19.49	10.65	88	10.44	15.91	68.66	68.98	-0.311	72.85	71.6	26.189	71.781	0
"2014-05-24	21:00:00"	14.15	94.9	8.28	20.09	10.83	94.2	9.75	16.51	67.98	68.03	-0.043	77.16	76.47	26.186	31.732	0
"2014-05-24	22:00:00"	12.66	98.8	8.48	23.07	9.71	97.7	9.98	19.49	66.72	66.57	0.146	79.71	79.38	26.178	0.04408	0
"2014-05-24	23:00:00"	13.56	101.4	7.453	21.87	10.51	101.3	9.47	18.3	65.57	65.42	0.143	84.4	84	26.183	0	0
"2014-05-25	00:00:00"	9.63	100.6	9.41	16.51	7.415	100.1	11.11	12.93	64.58	64.58	0.007	87.7	87.3	26.211	0	0
"2014-05-25	01:00:00"	7.649	1.606	57.2	18.89	5.526	1.856	58.44	16.51	63.14	63.16	-0.016	85.5	85.1	26.231	0	0
"2014-05-25	02:00:00"	10.32	10.07	14.37	16.51	7.907	7.515	17.83	14.72	60.37	60.4	-0.039	79.57	79.7	26.232	0	0
"2014-05-25	03:00:00"	7.232	28.37	23.68	11.14	5.361	26.08	26.84	9.95	60.54	60.49	0.055	80.5	81	26.218	0	0
"2014-05-25	04:00:00"	6.925	48.02	13.04	11.74	5.281	48.35	13.9	9.35	61.09	61.1	-0.011	80.3	80.4	26.206	0	0
"2014-05-25	05:00:00"	7.755	73.2	10.37	12.33	5.416	73.37	11.37	9.95	60.14	60.08	0.058	82.2	82.3	26.215	0	0
"2014-05-25	06:00:00"	9.15	86.2	8.32	14.12	6.747	84.7	10.37	11.14	61.58	61.6	-0.014	84.4	84.1	26.223	0	0
"2014-05-25	07:00:00"	10.29	92.6	11.07	14.72	7.593	91.4	12.7	12.33	62.21	62.14	0.067	86.8	86.9	26.234	0.44098	0.03
"2014-05-25	08:00:00"	8.86	82.5	8.77	13.52	6.466	81.1	10.65	12.93	62.03	62.02	0.006	88.1	88.1	26.247	10.183	0
"2014-05-25	09:00:00"	14.64	88.2	12.17	23.66	11.07	87.4	13.74	19.49	60.95	61.03	-0.078	86.4	86.4	26.273	33.835	0.01

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-05-25	10:00:00"	15.21	91.5	8.63	21.87	11.78	91.1	10.54	17.7	60.16	60.41	-0.242	87.5	87.3	26.288	108.23	0
"2014-05-25	11:00:00"	16.01	109.7	13.19	23.07	12.26	109.7	14.98	19.49	60.73	61.13	-0.403	86.3	85.8	26.29	179.78	0
"2014-05-25	12:00:00"	16.41	139.7	11.11	24.86	12.8	138	11.89	19.49	62.76	63.3	-0.546	79.68	79.25	26.288	302.58	0
"2014-05-25	13:00:00"	17.23	139.9	14.02	25.45	13.41	138.4	14.26	21.28	65.83	66.69	-0.864	67.67	66.98	26.295	557.96	0
"2014-05-25	14:00:00"	17.56	132	10.91	25.45	13.69	131.3	11.62	21.28	69.1	70.8	-1.707	58.58	55.99	26.282	960.61	0
"2014-05-25	15:00:00"	13.19	149.6	17.11	20.68	10.41	147.8	17.35	17.7	72	73.76	-1.763	52.68	49.51	26.258	950.37	0
"2014-05-25	16:00:00"	13	154.7	18.27	32.61	10.39	153	19.59	33.21	74.17	76.1	-1.93	47.55	44.05	26.239	914.66	0
"2014-05-25	17:00:00"	11.2	154.7	23.28	18.89	8.94	153.9	24.6	18.3	75.87	77.45	-1.582	41.97	38.99	26.216	742.41	0
"2014-05-25	18:00:00"	9.06	146.3	21.82	17.7	7.25	145.1	23.09	13.52	76.89	78.02	-1.13	35.03	33.04	26.202	429.88	0
"2014-05-25	19:00:00"	12.7	155.3	18.84	21.28	10.14	153.5	19.65	17.7	76.63	77.43	-0.803	38.45	36.56	26.197	285.74	0
"2014-05-25	20:00:00"	16.71	150.5	11.45	24.26	13.25	148	11.48	20.68	74.73	75.25	-0.52	49.01	46.81	26.197	190.88	0
"2014-05-25	21:00:00"	14.46	149.8	8.81	23.07	11.44	147.9	9.5	18.89	71.14	71.2	-0.061	59.21	57.79	26.213	6.643	0
"2014-05-25	22:00:00"	12.66	157.2	9.67	21.28	10.1	153.8	10.22	17.1	69.27	69.2	0.075	65.87	64.9	26.241	0.04484	0
"2014-05-25	23:00:00"	8.96	152.2	12.8	19.49	6.83	148.6	13.17	17.1	67.26	67.1	0.158	70.67	70.11	26.264	0	0
"2014-05-26	00:00:00"	9.63	143.2	8.08	15.31	7.314	140.4	8.63	12.33	65.49	65.34	0.151	72.64	72.23	26.274	0	0
"2014-05-26	01:00:00"	10.47	139.9	10.3	17.1	8.07	138.1	10.44	14.72	64.84	64.98	-0.137	72.35	71.34	26.279	0	0
"2014-05-26	02:00:00"	9.9	150.9	10.82	16.51	7.787	148.6	11.46	13.52	64.67	64.84	-0.164	76.2	75.08	26.279	0	0
"2014-05-26	03:00:00"	9.91	145.6	15.16	17.1	7.677	144	15.25	14.72	64.54	64.71	-0.174	78.26	77.17	26.275	0	0
"2014-05-26	04:00:00"	10.53	132.2	9.36	15.31	8.04	131.9	10.22	12.33	64.03	64.2	-0.17	78.31	77.28	26.271	0	0
"2014-05-26	05:00:00"	11.21	133.2	6.868	14.72	8.52	132.5	7.859	12.33	63.4	63.54	-0.146	78.89	77.87	26.249	0	0
"2014-05-26	06:00:00"	9.23	146.4	14.2	14.72	7.187	144.6	14.09	11.74	62.97	63.11	-0.133	81.5	80.5	26.252	0	0
"2014-05-26	07:00:00"	4.261	328.2	60.36	8.75	2.852	330.3	58.85	8.16	63.08	63.16	-0.083	83.6	83.1	26.277	0.17961	0
"2014-05-26	08:00:00"	8.77	53.64	19.2	13.52	6.798	54.7	19.7	11.14	61.14	61.26	-0.12	88.9	89	26.29	15.521	0.03
"2014-05-26	09:00:00"	9.25	59.83	11.87	13.52	7.195	60.92	13.42	12.33	60.64	60.88	-0.244	89.8	89.7	26.3	55.451	0
"2014-05-26	10:00:00"	10.96	67.4	13.5	15.31	8.61	67.99	14.83	12.93	60.02	60.61	-0.588	90.5	90.2	26.301	265.63	0
"2014-05-26	11:00:00"	10.98	90.7	11.27	15.91	8.76	90.6	12.68	14.12	61.72	62.73	-1.013	89.5	88.2	26.297	502.05	0
"2014-05-26	12:00:00"	8.82	100.3	17.87	14.12	7.223	100.2	20.35	11.74	65.33	66.57	-1.24	81.7	79.23	26.295	808.01	0
"2014-05-26	13:00:00"	8.08	106.5	23.2	16.51	6.459	105.9	25.96	14.12	69.66	71.06	-1.401	68.59	65.55	26.288	906.57	0
"2014-05-26	14:00:00"	6.579	177.5	74.14	16.51	4.603	177.6	76.87	14.72	74.44	75.74	-1.301	50.86	47.93	26.257	787.26	0
"2014-05-26	15:00:00"	13.88	270	21.77	25.45	9.88	273	24.17	19.49	78.5	79.86	-1.355	33.17	31	26.239	541.85	0
"2014-05-26	16:00:00"	14.93	258.8	20.56	24.86	11.24	260.8	22.93	18.89	79.49	80.8	-1.324	29.47	27.33	26.221	561.03	0
"2014-05-26	17:00:00"	13.88	274.9	18.47	23.66	9.96	278.8	19.51	19.49	79.04	80.3	-1.267	30.69	28.77	26.211	500.97	0
"2014-05-26	18:00:00"	9.77	300.8	69.04	24.26	6.366	303.5	68.88	18.89	77.51	78.34	-0.831	35.06	33.22	26.212	290.76	0
"2014-05-26	19:00:00"	13.54	310	18.75	21.87	8.69	311.6	19.29	18.89	78.12	78.89	-0.775	33.69	31.83	26.211	281.59	0
"2014-05-26	20:00:00"	10.55	315.5	15.1	19.49	7.12	316.3	15.89	17.1	77.33	78.05	-0.712	34.29	32.5	26.223	214.32	0
"2014-05-26	21:00:00"	7.026	330.2	15.79	11.14	2.661	331	14.46	8.16	75.2	74.34	0.854	37.15	37.61	26.24	39.222	0
"2014-05-26	22:00:00"	8.58	10.12	26.14	16.51	2.867	15.04	25.07	14.12	70.66	67.63	3.029	44.83	51.55	26.263	0.13394	0
"2014-05-26	23:00:00"	9.37	60.33	8.1	15.91	6.92	60.86	9.61	12.93	63.73	63.62	0.102	63.86	62.98	26.293	0	0
"2014-05-27	00:00:00"	6.964	60.44	15.83	11.14	4.632	58.97	16.95	8.75	61.29	61.09	0.199	75.46	74.64	26.303	0	0
"2014-05-27	01:00:00"	6.049	78.06	15.24	8.75	2.431	72.34	18.53	5.771	60.5	59.99	0.51	84.7	84	26.3	0	0
"2014-05-27	02:00:00"	3.609	88.6	30.07	7.561	1.016	55.69	44.72	2.789	59.83	59.04	0.793	88	87.6	26.291	0.00038	0
"2014-05-27	03:00:00"	2.791	238.5	56.71	5.175	1.005	260.7	60.26	2.193	60.02	58.93	1.091	88.3	87.9	26.281	0.32738	0
"2014-05-27	04:00:00"	5.432	314.4	12.28	6.964	1.057	327	18.71	2.193	58.37	55.54	2.83	89.2	89.2	26.277	0.37657	0
"2014-05-27	05:00:00"	7.343	303.1	9.73	11.14	1.788	307.3	13.24	5.771	56.91	56.03	0.877	89	89.3	26.277	0.68741	0
"2014-05-27	06:00:00"	8.15	318	6.371	9.95	3.465	323.3	8.46	5.771	57.45	55.84	1.617	88.7	89.2	26.274	0.69024	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-05-27	07:00:00"	6.722	299.4	22.2	9.95	2.032	297.8	26.67	5.771	58.79	56.91	1.879	86.1	88.2	26.277	3.0131	0
"2014-05-27	08:00:00"	7.337	292.1	18.06	13.52	2.605	290.5	19.55	10.54	57.96	57.26	0.7	84.2	85.8	26.286	99.018	0.01
"2014-05-27	09:00:00"	7.816	284.7	11.2	11.74	4.874	286.9	13.45	9.35	61.87	62.3	-0.43	71.07	70.42	26.292	289.01	0
"2014-05-27	10:00:00"	8.99	290.6	10.36	14.72	5.474	292.7	12.97	11.14	69.32	70.26	-0.94	50.26	48.17	26.294	495.01	0
"2014-05-27	11:00:00"	12.65	311.5	15.5	20.09	8.23	311.9	16.8	18.3	75.68	77.25	-1.564	34.75	32.48	26.295	690.87	0
"2014-05-27	12:00:00"	13.25	340.1	15.79	20.68	10.4	338.6	16.48	18.89	79.31	81.5	-2.161	30.36	27.65	26.289	851.72	0
"2014-05-27	13:00:00"	14.26	330.6	19.15	24.26	10.59	329.4	18.93	20.09	81.6	84.1	-2.52	27.33	24.47	26.289	956.58	0
"2014-05-27	14:00:00"	13.85	337.5	17.14	25.45	10.59	335.8	17.94	21.87	83.4	86.2	-2.82	25.54	22.52	26.28	1000.5	0
"2014-05-27	15:00:00"	14.48	352.6	20.69	24.86	11.46	349.6	21.26	21.87	84.6	87.3	-2.708	24.79	21.85	26.266	968.69	0
"2014-05-27	16:00:00"	14.9	343.2	18.55	23.07	11.58	340.3	18.23	20.68	85.6	88.4	-2.762	23.8	20.83	26.252	931.17	0
"2014-05-27	17:00:00"	14.7	356.6	18.46	24.26	11.57	352.9	20.17	21.28	86.3	88.8	-2.469	23.23	20.42	26.241	805.3	0
"2014-05-27	18:00:00"	14.75	0.003	17.86	25.45	11.69	356	19.56	22.47	86.5	88.6	-2.059	23	20.39	26.236	634.91	0
"2014-05-27	19:00:00"	13.31	2.712	19.73	24.26	10.47	359.5	22.4	20.09	86.3	87.8	-1.474	23.97	21.61	26.232	432.24	0
"2014-05-27	20:00:00"	13.03	11	14.11	20.68	10.17	7.53	18.25	17.1	85.5	86.1	-0.605	24.95	23.06	26.236	218.8	0
"2014-05-27	21:00:00"	10.61	28.44	8.53	17.1	8.09	27.79	12.2	13.52	83.1	82.7	0.392	26.84	25.66	26.252	44.175	0
"2014-05-27	22:00:00"	9.31	37.5	8.62	12.93	6.796	35.91	10.91	11.14	78.92	77.99	0.932	31.95	31.34	26.273	0.13727	0
"2014-05-27	23:00:00"	8.77	55.45	9.04	12.33	5.679	54.56	10.17	10.54	74.29	73.23	1.059	39.22	39.1	26.293	0	0
"2014-05-28	00:00:00"	8.95	73.35	8.08	11.74	5.744	71.02	9.67	8.75	70.17	69.44	0.729	50.97	50.46	26.311	0	0
"2014-05-28	01:00:00"	8.08	76.52	6.46	10.54	5.058	72.1	8.87	8.16	66.58	65.98	0.598	61.85	61.42	26.317	0	0
"2014-05-28	02:00:00"	7.704	68.89	5.862	9.35	4.442	61.19	8.39	6.368	65.48	64.14	1.343	67.38	68.31	26.321	0	0
"2014-05-28	03:00:00"	6.371	53.42	24.04	8.75	3.774	44.54	31.43	6.368	64.25	63.03	1.222	70.43	71.31	26.32	0	0
"2014-05-28	04:00:00"	5.896	21.07	8.88	7.561	3.639	6.555	16.76	5.175	62.23	60.38	1.844	75.23	77.38	26.322	0	0
"2014-05-28	05:00:00"	5.405	11.49	7.292	7.561	2.785	8.14	14.96	5.771	60.26	59.03	1.23	80.1	81.2	26.326	0	0
"2014-05-28	06:00:00"	6.628	32.37	12.5	8.16	4.046	31.85	14.85	6.368	60.38	59.25	1.125	80.3	81.5	26.326	0	0
"2014-05-28	07:00:00"	4.97	18.77	26.78	8.16	3.234	5.525	36.47	5.771	59.78	58.02	1.76	81.2	82.8	26.336	2.508	0
"2014-05-28	08:00:00"	4.876	10.93	19.96	6.368	3.053	7.356	24.96	5.175	59.73	59.05	0.678	82.4	82.8	26.35	95.04	0
"2014-05-28	09:00:00"	2.868	1.919	54.57	5.175	2.109	354.5	55.06	4.578	64.54	65.16	-0.614	73.83	71.64	26.362	290.49	0
"2014-05-28	10:00:00"	3.711	36.6	31.46	8.16	1.65	38.97	38.66	6.964	68.53	69.51	-0.979	63.36	60.56	26.369	499.58	0
"2014-05-28	11:00:00"	5.006	37.6	40.34	10.54	3.189	36.53	51.58	9.35	73.09	74.57	-1.482	49.28	45.86	26.369	693.81	0
"2014-05-28	12:00:00"	5.414	53.73	56.07	11.74	4	55.76	62.98	11.14	76.3	77.75	-1.448	40.65	37.72	26.365	851.2	0
"2014-05-28	13:00:00"	6.98	53.47	44.83	15.91	5.472	54.92	49.91	13.52	78.99	80.9	-1.889	35.6	32.62	26.355	954.82	0
"2014-05-28	14:00:00"	10.1	51.88	29.05	21.87	8.45	52.27	34.05	20.09	81.7	83.9	-2.236	30.24	27.13	26.337	1002.2	0
"2014-05-28	15:00:00"	9.96	19.68	27.85	21.28	8.19	18.48	34.2	18.3	83.4	85.9	-2.536	27.85	24.74	26.317	972.64	0
"2014-05-28	16:00:00"	12.43	29.87	24.69	24.26	10.23	28.63	27.97	20.09	84.9	87.4	-2.517	25.65	22.56	26.299	928.71	0
"2014-05-28	17:00:00"	12.09	45.48	18.87	23.07	9.99	46.61	21.42	20.09	85.6	87.8	-2.145	24.07	21.24	26.279	807.14	0
"2014-05-28	18:00:00"	12.53	43.59	19.35	23.07	10.26	42.85	22.25	21.28	86	87.9	-1.877	22.55	19.9	26.263	636.17	0
"2014-05-28	19:00:00"	12.17	60.91	16.64	20.68	9.82	61.41	18.74	17.1	85.6	86.8	-1.19	23.8	21.44	26.252	431.34	0
"2014-05-28	20:00:00"	11.97	58.96	12.95	20.09	9.58	59.82	14.45	17.7	84.5	85.1	-0.616	25	22.97	26.255	217.83	0
"2014-05-28	21:00:00"	10.73	76.78	13.54	18.89	8.14	76.29	14.85	16.51	81.9	81.8	0.075	29.65	28.07	26.273	42.908	0
"2014-05-28	22:00:00"	8.76	85	6.792	12.33	5.85	83.2	8.73	9.35	77.05	76.54	0.504	35.47	34.53	26.286	0.10489	0
"2014-05-28	23:00:00"	8.41	88.1	5.069	10.54	4.999	85.1	7.607	7.561	72.71	71.84	0.87	40.52	40.16	26.304	0	0
"2014-05-29	00:00:00"	8.47	90.7	6.653	11.14	5.184	89	8.53	8.16	71.27	70.44	0.828	43.45	43.24	26.312	0	0
"2014-05-29	01:00:00"	8.05	94.8	5.597	9.95	4.508	87	10.16	6.964	69.96	68.75	1.209	45.32	45.75	26.31	0	0
"2014-05-29	02:00:00"	8.47	103.7	8.1	11.14	4.929	95.3	10.53	8.16	68.68	67.38	1.299	49.93	50.47	26.307	0	0
"2014-05-29	03:00:00"	8.27	116.4	7.186	10.54	4.977	111.7	10.84	7.561	67.99	67.12	0.879	54.9	54.76	26.296	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-05-29	04:00:00"	7.602	109.1	7.94	9.95	4.008	96.2	14.56	6.964	66.59	65.12	1.469	59.37	60.28	26.293	0
"2014-05-29	05:00:00"	4.297	98.8	53.49	9.35	2.123	51.2	71.66	5.175	65.9	64.05	1.854	62.67	64.46	26.295	0
"2014-05-29	06:00:00"	3.157	80.6	38.36	5.175	1.474	15.56	48.52	3.982	66.47	62.19	4.287	62.37	67.82	26.3	0
"2014-05-29	07:00:00"	2.921	43.19	84	5.175	2.085	2.699	40.42	3.982	64.74	59.77	4.963	65.06	72.24	26.306	2.4494
"2014-05-29	08:00:00"	4.58	46.53	10.54	5.771	2.069	35.8	17.19	4.578	64.65	62.48	2.173	65.94	69.61	26.313	91.49
"2014-05-29	09:00:00"	4.416	100.5	30.78	7.561	2.103	98.9	32.06	5.771	68.67	69.09	-0.42	60.18	58.44	26.312	285.18
"2014-05-29	10:00:00"	6.33	127.6	15.31	9.95	4.545	128	17.2	9.35	73.16	73.98	-0.824	50.89	48.4	26.318	493.53
"2014-05-29	11:00:00"	6.815	115.2	30.86	12.33	5.079	116.2	35.59	11.14	76.64	77.72	-1.086	42.38	39.68	26.32	685.5
"2014-05-29	12:00:00"	8.25	78.04	32.28	15.31	6.676	77.83	34.94	12.93	79.06	80.8	-1.774	35.71	32.79	26.313	842.73
"2014-05-29	13:00:00"	9.54	96.8	29.22	18.3	7.821	97.8	31.65	15.91	80.4	82.2	-1.85	33.48	30.45	26.305	947.77
"2014-05-29	14:00:00"	9.16	87	37.2	18.3	7.525	85.5	38.14	15.91	82.2	84.3	-2.149	31.72	28.51	26.287	988.48
"2014-05-29	15:00:00"	10.58	82.9	35.52	20.09	8.65	82.3	35.68	21.28	83.6	85.8	-2.146	29.78	26.62	26.269	952.2
"2014-05-29	16:00:00"	10.88	72.92	33.82	19.49	8.96	72.99	35.12	17.1	84.6	86.8	-2.174	27.73	24.63	26.254	886.76
"2014-05-29	17:00:00"	8.98	83.6	25.78	18.89	7.32	83.5	27.66	17.1	84.5	85.9	-1.405	27.3	24.7	26.24	485.76
"2014-05-29	18:00:00"	9.29	69.39	28.72	18.3	7.525	67.95	32.62	15.31	85.1	86.6	-1.539	26.62	23.97	26.231	617.62
"2014-05-29	19:00:00"	9.26	87.7	26.78	16.51	7.497	87.3	28.1	14.72	85.1	86.2	-1.096	26.18	23.77	26.223	361.65
"2014-05-29	20:00:00"	9.58	83.6	13.77	15.31	7.548	82.7	15.69	12.93	84.3	84.8	-0.568	26.84	24.82	26.225	183.81
"2014-05-29	21:00:00"	7.48	82.5	8.65	11.74	4.985	79.76	10.53	9.95	82.5	82.2	0.298	29.53	28.18	26.239	31.454
"2014-05-29	22:00:00"	8.61	91.7	9.2	11.74	5.413	89.9	10.81	8.75	78.51	77.82	0.688	35.52	34.68	26.248	0.06839
"2014-05-29	23:00:00"	7.712	121.9	9.44	10.54	4.644	118.4	12.1	6.964	76.24	75.34	0.894	39.41	38.9	26.261	0
"2014-05-30	00:00:00"	8.93	129.5	6.688	12.93	5.843	127.2	8.61	9.95	75.05	74.43	0.62	42.33	41.53	26.272	0
"2014-05-30	01:00:00"	9.1	126.2	6.615	11.74	6.087	125	8.91	9.35	73.17	72.66	0.503	46.61	45.68	26.272	0
"2014-05-30	02:00:00"	8.23	128.4	7.692	12.33	5.124	126.1	8.86	10.54	71.64	71.09	0.547	50.68	49.95	26.269	0
"2014-05-30	03:00:00"	7.921	139	6.965	11.74	4.927	135.5	8.21	8.16	70.51	69.97	0.54	53.09	52.51	26.264	0
"2014-05-30	04:00:00"	7.041	137.3	9.75	9.95	4.058	131.5	10.9	7.561	69.76	69.09	0.663	55.28	54.97	26.262	0
"2014-05-30	05:00:00"	6.835	153.9	9.63	9.95	4.522	147.9	10.72	7.561	69.44	68.93	0.509	56.65	56.09	26.261	0
"2014-05-30	06:00:00"	6.129	169	30.05	9.95	3.593	161.3	36.14	7.561	68.92	68.17	0.747	58.21	58.1	26.265	0
"2014-05-30	07:00:00"	1.741	171.5	35.98	3.982	1	251.7	93	1	67.75	65.93	1.812	60.29	62.1	26.278	5.0154
"2014-05-30	08:00:00"	1.785	215.5	35.65	3.982	1	307.5	56.96	1.596	68.81	66.84	1.965	58.93	61.42	26.29	61.278
"2014-05-30	09:00:00"	4.643	219.4	24.98	9.95	2.796	222.8	27.35	9.35	70.79	71.03	-0.234	56.41	54.88	26.299	224.71
"2014-05-30	10:00:00"	9.03	179.1	13.24	13.52	7.127	176	15.65	12.33	74.15	75.21	-1.056	50.85	47.95	26.304	479.32
"2014-05-30	11:00:00"	7.168	169	19.76	12.33	5.752	166.3	24.18	11.74	77.39	78.59	-1.199	43.71	40.72	26.307	675.7
"2014-05-30	12:00:00"	6.749	148.3	34.92	14.72	5.315	146.2	40.89	12.33	80	81.5	-1.436	35.87	33.19	26.301	833.36
"2014-05-30	13:00:00"	6.384	132.3	50.18	15.31	5.056	129	52.23	13.52	82.1	83.6	-1.507	32.53	29.79	26.297	930.94
"2014-05-30	14:00:00"	7.344	147.2	56.22	17.1	5.93	144.5	59.82	15.31	83.9	85.7	-1.764	31.52	28.59	26.283	1028.3
"2014-05-30	15:00:00"	6.277	111.3	46.92	13.52	5.151	108.3	48.94	11.74	85.5	86.9	-1.465	28.38	25.72	26.266	724.65
"2014-05-30	16:00:00"	8.49	117.2	57.36	18.3	7.079	116.3	56.32	17.1	86.9	88.9	-1.998	26.7	23.79	26.249	851.34
"2014-05-30	17:00:00"	9.1	104.1	31.8	15.91	7.422	104.2	31.29	13.52	87.1	88.6	-1.498	26.4	23.72	26.235	533.23
"2014-05-30	18:00:00"	7.285	79.3	28.97	14.12	6.048	78	31.88	12.33	87.4	88.8	-1.459	25.97	23.36	26.221	569.37
"2014-05-30	19:00:00"	7.905	92.6	24	15.91	6.466	92.1	24.59	14.12	87.6	88.7	-1.105	26.1	23.67	26.212	414.19
"2014-05-30	20:00:00"	5.42	93.2	23.29	14.12	3.872	93.1	23.89	8.75	86.8	87.1	-0.337	26.79	24.9	26.212	65.462
"2014-05-30	21:00:00"	8.92	142.8	71.78	29.03	6.112	139.9	73.14	23.07	84.4	84.5	-0.075	30.28	28.64	26.233	6.1522
"2014-05-30	22:00:00"	14.24	239.5	72.08	24.86	9.53	240.8	75.57	18.89	76.25	75.66	0.591	48.82	50.42	26.251	0.00019
"2014-05-30	23:00:00"	5.943	146.7	36.09	15.31	3.578	136.4	35.45	12.33	77.5	76.25	1.25	43.96	46.93	26.238	0
"2014-05-31	00:00:00"	4.983	126.3	17.06	8.16	1.863	77.24	27.94	5.175	77.77	73.39	4.389	41.39	56.06	26.265	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-05-31	01:00:00"	6.883	87.4	9.82	8.16	3.362	64.57	9.09	5.175	75.54	70.55	4.989	45.86	61.09	26.266	0	0	
"2014-05-31	02:00:00"	6.87	83.7	9.42	8.75	3.478	64.44	9.63	5.175	73.63	69.68	3.948	48.54	60.2	26.261	0	0	
"2014-05-31	03:00:00"	6.957	96.9	12.87	9.35	3.066	76.22	17.07	5.771	71.91	68.33	3.584	48.97	58.94	26.26	0	0	
"2014-05-31	04:00:00"	6.388	103.9	5.949	8.75	2.403	71.26	7.63	4.578	70.72	67.35	3.371	49.83	58.37	26.262	0	0	
"2014-05-31	05:00:00"	7.134	107.2	8.75	9.35	2.802	84.6	12.07	5.175	68.85	65.68	3.169	53.93	61.48	26.259	0	0	
"2014-05-31	06:00:00"	8.07	83.9	7.211	9.95	4.226	68.61	9.64	5.771	66.41	63.84	2.576	59.76	65.93	26.269	0	0	
"2014-05-31	07:00:00"	8.22	68.62	4.374	9.95	4.874	62.12	7.354	6.964	63.74	62.47	1.267	65.84	68.48	26.281	2.4718	0	
"2014-05-31	08:00:00"	6.963	75.92	13.21	8.75	4.609	68.09	15.48	6.964	63.56	63.34	0.223	69.86	69.96	26.287	101.37	0	
"2014-05-31	09:00:00"	9.17	122.9	16.78	13.52	6.903	122.3	18.2	11.74	70.91	71.33	-0.428	58.01	56.41	26.294	294.81	0	
"2014-05-31	10:00:00"	10.38	150.7	13.26	16.51	8.39	148.5	13.91	14.12	75.83	76.68	-0.858	45.94	43.51	26.304	483.27	0	
"2014-05-31	11:00:00"	10.65	157	14.14	18.3	8.77	154.2	15.48	14.72	79.74	81	-1.286	37.9	35.42	26.299	679.83	0	
"2014-05-31	12:00:00"	9.77	178.2	19.89	17.7	7.935	177	23.57	14.72	82.9	84.7	-1.779	33.29	30.49	26.295	835.11	0	
"2014-05-31	13:00:00"	9.98	172	26.38	17.1	8.18	170.3	28.78	17.1	85.7	87.7	-1.953	30.21	27.3	26.286	939.62	0	
"2014-05-31	14:00:00"	8.06	174.1	37.22	18.89	6.637	173	40.65	15.31	87.5	89.4	-1.88	28.24	25.4	26.271	984.06	0	
"2014-05-31	15:00:00"	7.576	191.6	70.83	17.7	6.163	191.9	72.61	15.91	89.1	90.9	-1.848	26.59	23.77	26.255	897.32	0	
"2014-05-31	16:00:00"	7.608	211.9	36.86	14.72	6.331	210.7	40.1	13.52	90.9	92.6	-1.754	24.83	22.14	26.232	927.72	0	
"2014-05-31	17:00:00"	6.852	234.9	52.77	17.7	5.56	231.1	56.19	15.91	92	93.8	-1.737	22.63	20	26.209	807.57	0	
"2014-05-31	18:00:00"	6.704	151.2	54.32	14.72	5.496	148.8	55.44	13.52	92.9	94.3	-1.396	22.02	19.53	26.191	640.22	0	
"2014-05-31	19:00:00"	6.434	208.7	51.18	13.52	5.289	210	56.06	14.12	93.4	94.5	-1.039	21.17	18.89	26.177	442.47	0	
"2014-05-31	20:00:00"	10	138.2	25.25	18.89	7.958	137.2	26.75	15.31	92.9	93.6	-0.688	22.26	20.11	26.169	228.47	0	
"2014-05-31	21:00:00"	16.67	132.6	8.39	24.86	12.77	132.1	9.22	19.49	89.7	89.8	-0.09	27.83	25.98	26.176	43.611	0	
"2014-05-31	22:00:00"	17.42	133.4	6.743	25.45	13.37	132.9	8.19	20.68	85.9	85.7	0.148	33.91	32.32	26.189	0.18043	0	
"2014-05-31	23:00:00"	17.2	130.2	6.629	24.26	13.08	130.1	8.33	20.68	82.9	82.7	0.188	39.37	37.88	26.209	0	0	
"2014-06-01	00:00:00"	15.59	130.3	6.703	24.26	11.77	130.1	8.47	18.3	80.7	80.5	0.226	43.26	41.69	26.223	0	0	
"2014-06-01	01:00:00"	13.65	135.9	6.855	18.3	10.33	134.6	8.06	15.31	78.71	78.48	0.231	47.99	46.53	26.224	0	0	
"2014-06-01	02:00:00"	12.64	141.3	6.676	16.51	9.82	139.2	7.66	14.72	76.99	76.77	0.215	52.31	50.97	26.223	0	0	
"2014-06-01	03:00:00"	12.73	146.8	7.848	18.89	9.97	143.7	8.24	15.31	75.65	75.44	0.201	54.33	53.05	26.221	0	0	
"2014-06-01	04:00:00"	11.12	148	7.727	17.7	8.63	145	8.38	12.93	73.95	73.75	0.201	56.19	54.96	26.214	0	0	
"2014-06-01	05:00:00"	11.2	143.6	7.02	15.31	8.6	141	7.765	12.93	72.45	72.21	0.235	58.82	57.72	26.209	0	0	
"2014-06-01	06:00:00"	9.65	145.5	7.348	12.93	7.335	143.8	7.997	11.14	70.81	70.57	0.234	61.77	60.78	26.205	0	0	
"2014-06-01	07:00:00"	9.25	147.4	7.979	13.52	7.12	145	8.99	11.14	69.75	69.54	0.213	64.11	63.15	26.208	2.4606	0	
"2014-06-01	08:00:00"	8.01	151.6	9.48	12.93	6.329	149.1	9.85	11.74	69.58	69.6	-0.019	65.77	64.47	26.215	89.813	0	
"2014-06-01	09:00:00"	14.16	169	10.2	25.45	11.2	165.5	12.08	20.09	73.49	73.94	-0.451	62.94	60.83	26.224	277.5	0	
"2014-06-01	10:00:00"	16.72	170.3	9.43	23.66	13.16	166.8	11.95	20.68	77.46	78.43	-0.968	54.62	51.66	26.226	482.38	0	
"2014-06-01	11:00:00"	16.23	171.6	10.19	24.26	12.87	168.2	12.59	19.49	81.1	82.6	-1.53	47.07	43.39	26.219	677.11	0	
"2014-06-01	12:00:00"	15.96	174.6	10.99	23.07	12.78	171.9	13.64	20.09	86	87.8	-1.867	37.6	34.4	26.206	836.17	0	
"2014-06-01	13:00:00"	14.1	193.9	19.41	23.66	11.29	192.1	22.15	20.09	90	92	-1.968	29.4	26.41	26.197	944.17	0	
"2014-06-01	14:00:00"	12.18	203.6	20.03	22.47	9.97	203.5	22.83	19.49	92.5	94.4	-1.965	26.09	23.18	26.185	986.59	0	
"2014-06-01	15:00:00"	12.11	200.9	20.76	22.47	9.95	199.3	23.35	18.3	94.3	96.3	-2.05	23.46	20.58	26.158	958.03	0	
"2014-06-01	16:00:00"	11.18	196.5	24.26	21.87	9.15	196.4	26.99	18.3	96.2	98.2	-2.018	21.44	18.64	26.137	918.51	0	
"2014-06-01	17:00:00"	13.46	179.5	18.05	23.66	10.87	177.1	21.64	21.87	97.6	99.5	-1.886	20.38	17.68	26.108	804.36	0	
"2014-06-01	18:00:00"	12.1	189.4	28.05	25.45	9.74	188.4	31.5	22.47	99.1	100.6	-1.456	17.7	15.25	26.084	626.24	0	
"2014-06-01	19:00:00"	17.05	177.7	15.34	30.82	13.5	176.4	18.81	25.45	98.4	99.3	-0.93	18.9	16.63	26.072	318.38	0	
"2014-06-01	20:00:00"	21.34	161.2	10.79	30.82	17.27	158.6	12.05	26.65	95.5	95.7	-0.192	23.84	21.88	26.069	109.87	0	
"2014-06-01	21:00:00"	18.43	165.6	9.72	28.43	14.55	161.9	11.01	22.47	92.8	92.7	0.119	26.84	25.14	26.083	31.155	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-01	22:00:00"	16.78	168.6	8.48	26.65	13.13	166.2	10.54	21.28	89.2	89	0.267	31.37	29.88	26.1	0.22542	0	
"2014-06-01	23:00:00"	20.05	170.5	7.797	29.63	15.57	167.7	10.02	24.26	86.3	86	0.256	35.96	34.57	26.113	0	0	
"2014-06-02	00:00:00"	20.17	171.7	7.551	30.22	15.93	168.9	9.86	26.05	83.7	83.4	0.221	39.21	37.82	26.122	0	0	
"2014-06-02	01:00:00"	17.27	177.6	6.991	25.45	13.35	174.8	9.96	20.09	81.2	81	0.247	43.41	41.91	26.126	0	0	
"2014-06-02	02:00:00"	16.57	178.2	6.512	23.66	12.77	175.9	9.99	18.89	79.18	78.92	0.26	47.27	45.89	26.12	0	0	
"2014-06-02	03:00:00"	13.94	180	7.429	21.28	10.77	178	10.9	17.7	77.2	76.94	0.26	51.75	50.48	26.115	0	0	
"2014-06-02	04:00:00"	10.49	182.2	8.24	15.31	8.14	180.8	11.64	12.93	75.36	75.06	0.3	55.83	54.72	26.123	0	0	
"2014-06-02	05:00:00"	10.22	184.2	8.78	15.91	7.829	183.7	12.54	12.93	73.38	73.08	0.301	60.94	59.97	26.123	0	0	
"2014-06-02	06:00:00"	10.07	192.6	9.85	15.31	7.721	193.2	12.4	12.33	71.37	71.09	0.287	65.98	65.12	26.128	0	0	
"2014-06-02	07:00:00"	8.34	206.9	13.26	14.12	6.545	203.1	14.06	11.14	69.93	69.67	0.262	68.95	68.14	26.138	2.6163	0	
"2014-06-02	08:00:00"	7.29	220.3	14.06	12.33	5.93	217.5	16.89	9.95	69.1	69.07	0.028	71.24	70.12	26.155	97.628	0	
"2014-06-02	09:00:00"	9.77	213.5	13.25	14.72	8.01	211.8	16.49	14.12	71.79	72.2	-0.411	67.34	65.33	26.174	294.69	0	
"2014-06-02	10:00:00"	9.07	215.8	16.65	13.52	7.305	215.9	20.8	12.33	75.78	76.63	-0.855	58.5	55.71	26.19	505.81	0	
"2014-06-02	11:00:00"	7.631	259.6	20.01	13.52	5.925	261	23.47	11.14	81.1	82.4	-1.36	43.73	40.68	26.195	701.83	0	
"2014-06-02	12:00:00"	6.496	299	32.99	14.12	4.555	300.9	38.5	12.33	87.2	88.9	-1.77	30.24	27.48	26.197	868.36	0	
"2014-06-02	13:00:00"	11.46	349.7	31.32	19.49	9.07	348.3	33.34	16.51	91.5	94.2	-2.681	24.84	21.65	26.199	961.17	0	
"2014-06-02	14:00:00"	12.67	16.67	16.96	20.09	10.42	14.94	21.94	18.3	93	95.9	-2.886	26.33	22.88	26.195	979	0	
"2014-06-02	15:00:00"	12.87	20.74	16.83	21.28	10.48	19.87	21.78	19.49	94.8	97.7	-2.88	24.87	21.47	26.184	978.82	0	
"2014-06-02	16:00:00"	9.99	25.29	28.21	20.09	8.31	23.88	32.79	17.7	97	99.4	-2.458	19.99	17.09	26.169	944.09	0	
"2014-06-02	17:00:00"	7.911	18.94	37.71	20.09	6.675	16.51	41.54	15.91	98.2	100.3	-2.107	16.62	13.98	26.159	820.84	0	
"2014-06-02	18:00:00"	6.864	60.99	40.73	14.12	5.686	63.94	43.86	13.52	98.7	100.2	-1.54	16.1	13.69	26.152	624.06	0	
"2014-06-02	19:00:00"	8.66	69.24	26.64	21.28	7.09	69.65	28.31	16.51	98.5	99.8	-1.222	18.44	16.06	26.148	440.42	0	
"2014-06-02	20:00:00"	8.57	35.86	12.44	16.51	7.129	35.17	15.89	14.12	97.8	98.5	-0.658	18.83	16.71	26.154	224.41	0	
"2014-06-02	21:00:00"	10.42	69.33	15.06	17.7	7.934	69.1	15.42	14.12	95.1	95	0.143	24.18	22.39	26.174	46.368	0	
"2014-06-02	22:00:00"	12.49	79.62	9.13	19.49	9.38	78.85	11.31	15.31	90.2	89.9	0.297	34.5	32.97	26.192	0.13752	0	
"2014-06-02	23:00:00"	16.18	125.1	14.28	24.86	12.27	124.6	15.04	21.28	87.6	87.4	0.197	39.94	38.37	26.215	0	0	
"2014-06-03	00:00:00"	17.08	140.7	7.708	27.24	13.34	138.9	8.51	21.28	84.6	84.5	0.142	42.84	41.09	26.239	0	0	
"2014-06-03	01:00:00"	16.39	144.8	8.39	26.05	12.87	142.7	9.07	21.87	81.5	81.4	0.111	46.73	45.03	26.243	0	0	
"2014-06-03	02:00:00"	14.39	141.9	8.6	23.07	11.28	140.1	9	18.89	78.84	78.7	0.134	49.29	47.7	26.245	0	0	
"2014-06-03	03:00:00"	11.88	146.5	8.92	17.7	9.33	144.7	9.51	14.12	76.4	76.27	0.128	53.08	51.6	26.245	0	0	
"2014-06-03	04:00:00"	9.62	147.5	7.721	13.52	7.532	144.9	8.21	11.74	74.3	74.16	0.138	57.25	55.87	26.246	0	0	
"2014-06-03	05:00:00"	8.6	145.4	7.009	11.74	6.541	143.3	7.779	9.35	72.36	72.2	0.16	61.23	59.99	26.246	0	0	
"2014-06-03	06:00:00"	8.46	136.1	7.86	11.74	5.968	133	9.53	9.95	70.52	70.23	0.297	65.11	64.19	26.255	0	0	
"2014-06-03	07:00:00"	9.12	124.2	7.47	11.74	6.174	122.2	9.73	9.35	68.77	68.37	0.398	68.87	68.23	26.259	3.4445	0	
"2014-06-03	08:00:00"	10.57	123.3	7.918	15.91	7.794	122.9	10.48	12.33	68.53	68.62	-0.085	71.25	69.86	26.265	101.46	0	
"2014-06-03	09:00:00"	12.35	151.9	12.36	18.3	9.98	149.4	12.97	16.51	71.27	71.86	-0.594	70.36	67.99	26.276	283.39	0	
"2014-06-03	10:00:00"	12.32	158.6	12.56	18.89	10	156.5	13.94	15.91	74.38	75.54	-1.165	65.2	61.77	26.284	503.33	0	
"2014-06-03	11:00:00"	11.57	158.6	14.66	18.89	9.37	156.4	16.19	15.91	78.39	79.94	-1.547	57.63	53.62	26.28	685.07	0	
"2014-06-03	12:00:00"	12.3	147.4	17.54	20.09	10.14	145.8	18.02	16.51	82.5	84.3	-1.896	49.4	45.02	26.275	852.87	0	
"2014-06-03	13:00:00"	13.86	149.3	14.78	21.87	11.3	147.5	16.43	20.09	85.9	88.2	-2.236	41.31	37.3	26.266	957.16	0	
"2014-06-03	14:00:00"	12.77	147.9	16.23	21.87	10.47	146.1	16.58	19.49	88.8	91.1	-2.277	36.37	32.78	26.248	999.31	0	
"2014-06-03	15:00:00"	12.24	159.5	17.6	20.09	10.12	157.5	19.4	17.1	91.4	93.7	-2.285	30.79	27.43	26.225	973.51	0	
"2014-06-03	16:00:00"	13.76	160.4	15.76	24.86	11.22	158.8	17.69	21.87	93.2	95.5	-2.281	27.8	24.57	26.201	928.69	0	
"2014-06-03	17:00:00"	14.61	161.5	18.33	30.82	11.91	159.7	20.42	27.24	94.7	96.8	-2.033	24.55	21.57	26.184	809.54	0	
"2014-06-03	18:00:00"	15.1	168.5	17.47	25.45	12.18	166.6	19.54	23.07	95	96.8	-1.796	24.06	21.23	26.17	630.83	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-06-03	19:00:00"	15.3	168.8	15.09	23.66	12.31	166.6	16.92	20.68	94.4	95.7	-1.313	26.12	23.49	26.164	417.73	0
"2014-06-03	20:00:00"	16.05	165.5	10.54	23.66	12.89	163.4	12.53	20.68	92.9	93.5	-0.631	28.07	25.88	26.163	224.23	0
"2014-06-03	21:00:00"	18.94	148.4	9.84	27.84	15.17	146.7	10.33	24.26	89.2	89.2	-0.083	34.82	33	26.161	36.212	0
"2014-06-03	22:00:00"	18.23	153.5	10.29	28.43	14.7	151.5	10.37	23.66	84.8	84.8	0.077	41.37	39.56	26.169	0.13401	0
"2014-06-03	23:00:00"	17.4	164.6	9.95	27.84	14.04	161.9	11.62	24.26	81.6	81.5	0.095	45.46	43.75	26.182	0	0
"2014-06-04	00:00:00"	19.64	171.2	7.697	29.63	15.53	168.7	9.91	24.26	78.74	78.65	0.092	49.92	48.34	26.187	0	0
"2014-06-04	01:00:00"	18.05	173.4	7.065	25.45	14.11	171	9.79	21.87	76.64	76.56	0.087	54.73	53.24	26.184	0	0
"2014-06-04	02:00:00"	18.47	176.1	6.784	26.65	14.41	173.6	9.74	23.07	75.2	75.12	0.079	59.31	57.9	26.178	0	0
"2014-06-04	03:00:00"	16.88	179.7	6.972	24.26	13.19	176.9	9.92	22.47	74	73.91	0.086	61.99	60.69	26.169	0	0
"2014-06-04	04:00:00"	14.53	178.7	6.796	21.28	11.4	175.7	9.9	17.7	72.97	72.84	0.132	63.37	62.2	26.158	0	0
"2014-06-04	05:00:00"	14.1	177.8	6.756	18.89	11.02	175.3	9.96	15.91	71.89	71.73	0.161	65.29	64.23	26.146	0	0
"2014-06-04	06:00:00"	11.18	184.9	11.04	17.7	8.6	184.6	14.56	14.72	70.85	70.65	0.197	66.96	66.02	26.146	0	0
"2014-06-04	07:00:00"	6.489	201	13.71	11.14	5.02	198.7	13.72	9.35	69.28	69.02	0.257	69.54	68.76	26.159	1.5982	0
"2014-06-04	08:00:00"	7.403	192.5	9.22	12.33	5.665	191.8	11.72	11.14	68.95	68.98	-0.037	70.56	69.33	26.161	96.783	0
"2014-06-04	09:00:00"	14.03	182.5	8.23	20.09	11.05	181.1	12.53	16.51	71.92	72.56	-0.635	65.51	63.06	26.162	288.47	0
"2014-06-04	10:00:00"	11.4	185.4	12.15	19.49	9.23	183.1	15.55	15.31	76.21	77.37	-1.16	57.35	54.02	26.177	493.03	0
"2014-06-04	11:00:00"	8.79	208.1	18.62	15.31	7.335	207	22.41	12.93	81.9	83.1	-1.279	46.22	42.86	26.172	689.49	0
"2014-06-04	12:00:00"	9.13	210.7	18.03	15.91	7.729	209.3	20.87	13.52	87.5	89	-1.528	36.92	34.02	26.159	853.64	0
"2014-06-04	13:00:00"	9.76	215	20.88	17.7	8.05	214.6	24.72	15.31	92.4	94.2	-1.789	30.11	27.19	26.152	959.06	0
"2014-06-04	14:00:00"	8.68	217.1	26.78	17.7	7.157	218.5	31.32	15.91	95.8	97.6	-1.828	25.28	22.45	26.135	1005	0
"2014-06-04	15:00:00"	7.627	204.5	45.84	16.51	6.382	204.5	51.36	14.12	98.1	99.8	-1.659	21.01	18.4	26.116	976.36	0
"2014-06-04	16:00:00"	7.339	207.7	58.16	17.7	6.029	209	61.84	14.72	100.3	102.1	-1.774	17.84	15.27	26.095	918.47	0
"2014-06-04	17:00:00"	10.63	185.5	22.98	21.87	8.69	182.6	25.76	19.49	101.6	103.5	-1.853	17.12	14.5	26.075	815.47	0
"2014-06-04	18:00:00"	11.51	183.8	22.39	21.87	9.37	181.7	25.31	17.7	102	103.6	-1.635	16.69	14.17	26.057	641.23	0
"2014-06-04	19:00:00"	14.39	181.3	18.19	25.45	11.48	178.8	20.54	21.87	101.4	102.5	-1.192	17.97	15.57	26.048	437.83	0
"2014-06-04	20:00:00"	19.43	176.2	8.6	27.84	15.29	173.9	11.35	23.66	99.3	99.9	-0.558	19.88	17.72	26.051	228.85	0
"2014-06-04	21:00:00"	19.85	165.8	9.8	30.82	15.76	163.2	11.39	26.65	95.4	95.3	0.046	22.38	20.54	26.065	51.555	0
"2014-06-04	22:00:00"	18.12	166.1	9.29	27.24	14.27	163.4	10.91	22.47	90.6	90.3	0.24	26.8	25.18	26.076	0.20172	0
"2014-06-04	23:00:00"	15.38	162.4	9.54	24.86	12.27	159.1	10.44	23.07	86.5	86.3	0.236	30.86	29.32	26.095	0	0
"2014-06-05	00:00:00"	17	175.4	7.697	24.26	13.05	172.8	10.18	20.68	83.5	83.2	0.238	35.88	34.45	26.116	0	0
"2014-06-05	01:00:00"	18.96	175.2	6.465	25.45	14.84	172.3	9.58	20.68	80.7	80.5	0.166	42.25	40.66	26.115	0	0
"2014-06-05	02:00:00"	17.31	180.7	7.397	24.26	13.53	178.3	10.55	20.68	78.17	78.04	0.126	49.19	47.61	26.118	0	0
"2014-06-05	03:00:00"	14.05	182.3	8.39	20.68	11.05	180.8	11.48	17.7	76.29	76.16	0.13	53.26	51.8	26.113	0	0
"2014-06-05	04:00:00"	13.93	181.5	7.26	19.49	10.97	178.8	9.98	16.51	74.76	74.61	0.149	55.5	54.12	26.104	0	0
"2014-06-05	05:00:00"	9.89	187.4	8.71	14.12	7.63	187.5	12.58	12.93	72.87	72.67	0.207	58.66	57.46	26.103	0	0
"2014-06-05	06:00:00"	8.06	202.9	17.44	14.72	6.375	202	18.47	12.33	71.48	71.22	0.268	61.27	60.21	26.1	0	0
"2014-06-05	07:00:00"	9.81	186.5	9.28	14.12	7.47	186.1	12.88	12.33	70.16	69.91	0.25	64.35	63.39	26.095	2.8954	0
"2014-06-05	08:00:00"	8.58	198	12.4	14.12	6.716	199	15.23	12.33	69.23	69.28	-0.055	67.08	65.64	26.104	98.534	0
"2014-06-05	09:00:00"	13.17	185.4	8.34	18.89	10.4	183.5	12.45	16.51	73.64	74.19	-0.547	59.69	57.33	26.107	291.01	0
"2014-06-05	10:00:00"	11.04	188	13.22	17.1	8.79	186.3	17.18	13.52	77.28	78.43	-1.156	52.57	49.25	26.118	496.25	0
"2014-06-05	11:00:00"	7.724	211.3	17.9	12.33	6.467	212	21.99	10.54	81.8	83	-1.207	44.02	40.89	26.121	691.64	0
"2014-06-05	12:00:00"	5.577	222.8	36.67	12.33	4.599	226	39.75	11.14	86.7	88.1	-1.426	35.45	32.73	26.115	851.56	0
"2014-06-05	13:00:00"	4.755	147.6	75.45	15.31	3.655	143.6	74.2	12.93	91.8	93.2	-1.356	28.67	26.11	26.111	959.41	0
"2014-06-05	14:00:00"	8.44	30.68	26.98	16.51	7.047	31.09	30.92	15.91	95.9	98.3	-2.445	21.66	18.67	26.1	1004.5	0
"2014-06-05	15:00:00"	7.873	42.81	37.51	17.1	6.54	41.88	41.19	15.91	98.3	100.6	-2.267	18.12	15.38	26.085	972.28	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-05	16:00:00"	7.495	62.97	35.32	19.49	6.154	64.25	37.91	16.51	99.8	101.8	-1.939	17.66	15.01	26.069	930.07	0	
"2014-06-05	17:00:00"	6.193	83.8	54.64	14.72	5.121	86.3	60.74	13.52	101	102.3	-1.364	17.26	14.8	26.05	809.37	0	
"2014-06-05	18:00:00"	8.52	142	47.06	19.49	6.945	137.5	42.82	17.1	102.1	103.4	-1.377	15.58	13.19	26.029	601.14	0	
"2014-06-05	19:00:00"	11.49	157.8	24.4	24.86	9.11	155.3	25.64	21.28	101.6	102.3	-0.728	15.55	13.36	26.019	204.07	0	
"2014-06-05	20:00:00"	20.92	160	10.97	32.61	16.66	157.1	11.47	29.03	98.2	98.3	-0.132	20.61	18.62	26.016	70.717	0	
"2014-06-05	21:00:00"	19.59	156.6	11.66	33.21	15.88	153.4	12.28	27.84	93.8	93.7	0.077	27.09	25.62	26.048	31.382	0	
"2014-06-05	22:00:00"	16.94	149.2	10.26	28.43	13.42	146.7	10.48	22.47	89	88.5	0.562	34.86	34.18	26.079	1.3552	0	
"2014-06-05	23:00:00"	16.48	159.5	9.48	30.22	13.18	156	11.01	24.26	85.5	85.3	0.196	40.83	39.31	26.101	0	0	
"2014-06-06	00:00:00"	16.63	161.3	10.18	27.24	13.32	157.6	11.09	23.07	82.7	82.5	0.163	45.66	44.06	26.118	0	0	
"2014-06-06	01:00:00"	17.38	166.8	9.57	28.43	13.73	164	11.05	24.86	80.2	80	0.125	52.79	51.29	26.119	0	0	
"2014-06-06	02:00:00"	14.39	168.2	9.18	23.66	11.37	165.3	11.21	20.68	77.76	77.64	0.118	59	57.63	26.119	0	0	
"2014-06-06	03:00:00"	13.55	171	7.586	21.28	10.59	168	9.82	16.51	76.06	75.93	0.128	62.62	61.38	26.106	0	0	
"2014-06-06	04:00:00"	11.8	189.8	13.18	21.87	9.16	189	15.77	17.7	74.55	74.42	0.136	65.58	64.44	26.101	0	0	
"2014-06-06	05:00:00"	10.15	180.3	10.84	16.51	7.72	179.4	14.6	13.52	73.4	73.18	0.224	67.62	66.69	26.095	0	0	
"2014-06-06	06:00:00"	9.52	168.9	11.36	15.31	7.4	166.5	13.75	13.52	72.47	72.24	0.237	69.16	68.33	26.1	0	0	
"2014-06-06	07:00:00"	7.88	162	12.17	12.33	6.078	159.6	13.48	10.54	71.7	71.41	0.287	70.14	69.45	26.114	1.8792	0	
"2014-06-06	08:00:00"	7.894	133.1	38.52	14.12	6.309	131.2	38.17	11.74	71.33	71.37	-0.039	70.98	69.78	26.134	100.82	0	
"2014-06-06	09:00:00"	11.61	93.8	15.66	18.3	9.3	92.7	16.61	15.31	73.22	73.86	-0.638	68.27	65.89	26.16	292.84	0	
"2014-06-06	10:00:00"	15.35	126.1	11.13	22.47	12.03	125.6	12.48	18.3	76.94	78.19	-1.254	61.59	58.06	26.159	496.23	0	
"2014-06-06	11:00:00"	14.68	140	13.55	21.87	11.76	139.1	14.07	20.68	80.6	82.3	-1.68	54.69	50.52	26.147	687.39	0	
"2014-06-06	12:00:00"	13.29	143.3	16.91	21.28	10.7	142.2	16.81	17.7	84.5	86.6	-2.06	46.71	42.19	26.143	841.51	0	
"2014-06-06	13:00:00"	14.07	135.8	15.59	21.28	11.46	134.6	16.24	18.3	88.1	90.5	-2.31	39.58	35.68	26.139	944.82	0	
"2014-06-06	14:00:00"	15.32	138.5	19.52	27.84	12.49	137	20.62	26.65	90.9	93.4	-2.454	35.27	31.55	26.125	986.84	0	
"2014-06-06	15:00:00"	17.12	148	20.33	30.22	13.76	146.7	20.9	25.45	93.3	95.9	-2.578	31.26	27.66	26.105	955.6	0	
"2014-06-06	16:00:00"	17.19	155.6	15.82	27.24	13.94	153.1	16.64	23.07	94.5	96.9	-2.408	28.73	25.33	26.085	917.94	0	
"2014-06-06	17:00:00"	18.58	156.7	17.81	31.42	14.91	154.7	18.44	26.65	95.3	97.4	-2.09	28.43	25.26	26.066	796.4	0	
"2014-06-06	18:00:00"	20.08	156.5	15.15	32.61	16.1	153.8	15.75	27.24	94.5	96.3	-1.734	28.7	25.74	26.052	638.19	0	
"2014-06-06	19:00:00"	23.9	156.3	11.73	34.4	19.29	153.7	12.36	29.63	92	92.8	-0.736	31.58	29.25	26.043	191.16	0	
"2014-06-06	20:00:00"	22.21	174.2	40.25	37.38	17.5	171	41.55	32.01	90.6	90.7	-0.106	26.65	24.81	26.056	61.347	0	
"2014-06-06	21:00:00"	24.56	163.3	9.73	36.19	19.75	160	11.11	30.22	86.7	86.8	-0.122	37.61	35.85	26.033	34.205	0	
"2014-06-06	22:00:00"	22.26	164.4	9.95	36.19	17.95	160.9	11.14	29.63	84.4	84.4	0.002	41.61	39.82	26.064	1.4495	0	
"2014-06-06	23:00:00"	22.87	166.6	9.2	35	18.19	163.5	10.97	33.8	81.6	81.6	0.035	48.33	46.6	26.075	0	0	
"2014-06-07	00:00:00"	22.94	169	9.06	39.17	18.24	165.8	11.13	29.63	79.48	79.46	0.028	53.78	52.18	26.093	0	0	
"2014-06-07	01:00:00"	21.76	170.9	8.66	33.8	17.25	168.1	11.09	26.05	77.99	77.95	0.034	56.68	55.15	26.097	0	0	
"2014-06-07	02:00:00"	17.02	146.3	22.16	29.03	13.5	143.9	21.42	25.45	77.2	77.11	0.09	57.61	56.17	26.109	0	0	
"2014-06-07	03:00:00"	14.8	126.6	21.63	24.86	11.59	125.2	21.64	21.28	76.41	76.26	0.15	58.88	57.58	26.112	0	0	
"2014-06-07	04:00:00"	13.9	123.4	21.32	23.07	10.73	122	22.14	20.09	75.42	75.24	0.178	59.98	58.79	26.118	0	0	
"2014-06-07	05:00:00"	15.49	131.5	19.03	24.86	12.15	130.7	19.43	21.28	74.46	74.31	0.154	61.4	60.19	26.117	0	0	
"2014-06-07	06:00:00"	14.08	134.2	14.01	23.66	10.89	132.8	14.29	18.89	73.07	72.92	0.156	64.5	63.37	26.121	0	0	
"2014-06-07	07:00:00"	14.24	139.3	11.91	21.87	11.17	137.9	12.18	17.7	71.66	71.54	0.114	68.47	67.36	26.121	2.0213	0	
"2014-06-07	08:00:00"	14.9	133.3	17.09	23.66	11.78	131.8	17.43	21.87	71.35	71.44	-0.094	70.57	69.2	26.137	83.501	0	
"2014-06-07	09:00:00"	18.73	139.2	10.82	26.65	14.74	138	11.29	23.07	72.7	73.29	-0.596	67.54	65.18	26.163	269.34	0	
"2014-06-07	10:00:00"	16.07	127.5	11.74	24.26	12.75	126.7	12.73	20.09	74.11	75.28	-1.165	64.79	61.34	26.197	408.25	0	
"2014-06-07	11:00:00"	16.38	130	15.11	25.45	13.13	129.3	15.97	21.28	76.13	77.73	-1.598	60.72	56.52	26.197	586.91	0	
"2014-06-07	12:00:00"	14.45	140.7	17.51	25.45	11.76	139.3	18.57	24.26	78.55	80.6	-2.021	54.89	50.11	26.188	824.47	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-07	13:00:00"	11.05	134.4	25.01	18.89	8.97	134.1	26.59	16.51	81.7	83.8	-2.125	48.8	44.05	26.186	920.97		0	
"2014-06-07	14:00:00"	8.98	131	37.53	24.86	7.414	130	38.8	21.87	85	86.9	-1.92	43.66	39.49	26.171	962.54		0	
"2014-06-07	15:00:00"	8.92	156.7	40.17	17.7	7.336	158.6	44.01	15.31	87.7	89.9	-2.149	39.18	35.55	26.153	967.86		0	
"2014-06-07	16:00:00"	8.67	133.1	38.5	18.3	7.147	132.1	41.79	15.31	90	92	-2.002	35.58	32.21	26.129	924.08		0	
"2014-06-07	17:00:00"	9.45	129.8	35.45	17.1	7.725	129.2	37.35	15.31	91.4	93.1	-1.752	33.87	30.75	26.11	627.6		0	
"2014-06-07	18:00:00"	10.73	125.6	25.13	32.01	8.64	124.9	25.46	24.26	92	93.4	-1.392	33.46	30.6	26.093	382.77		0	
"2014-06-07	19:00:00"	15.35	125	15.19	27.84	12.09	124.8	15.63	22.47	90.9	91.8	-0.898	35.48	32.97	26.087	143.88		0	
"2014-06-07	20:00:00"	19.35	140.1	17.75	29.63	15.01	139.9	17.7	24.26	88.4	88.6	-0.207	39.65	38.3	26.074	104.12	0.01		
"2014-06-07	21:00:00"	15.25	124.3	8.69	22.47	11.65	123.6	10.82	19.49	84.7	84.8	-0.094	48.5	46.72	26.098	46.732		0	
"2014-06-07	22:00:00"	13.56	138.7	8.72	18.89	10.61	137.2	9.08	15.31	82.6	82.6	0.052	50.04	48.41	26.122	0.32984		0	
"2014-06-07	23:00:00"	16.68	137.3	6.948	26.05	13.06	136	7.907	21.28	80.4	80.3	0.052	52.44	50.84	26.132	0		0	
"2014-06-08	00:00:00"	12.94	146	10.34	21.87	10.15	144.2	10.66	18.89	78.89	78.83	0.067	54.46	52.95	26.148	0		0	
"2014-06-08	01:00:00"	13.55	154.4	10.48	23.07	11	150.8	11.12	20.09	78.37	78.33	0.04	55.07	53.54	26.146	0		0	
"2014-06-08	02:00:00"	10.37	111.7	47.57	16.51	8.2	109.7	47.56	14.72	77.24	77.22	0.022	56.93	55.41	26.16	0		0	
"2014-06-08	03:00:00"	17.33	69.06	15.5	29.03	13.6	69.22	15.64	24.26	70.48	70.67	-0.186	70.98	69.06	26.189	0		0	
"2014-06-08	04:00:00"	21.03	33.3	10.21	32.01	16.83	33.9	12.56	26.05	65.04	65.47	-0.434	81.7	79.8	26.222	0		0	
"2014-06-08	05:00:00"	17.12	53.43	8.78	25.45	13.75	54.47	10.46	21.28	63.39	63.78	-0.391	79.15	77.17	26.196	0		0	
"2014-06-08	06:00:00"	14.76	70.16	10.53	23.66	11.35	69.67	11.54	19.49	62.78	62.97	-0.184	83.5	82	26.193	0		0	
"2014-06-08	07:00:00"	10.79	77	10.06	15.31	8.29	75.66	11.37	12.93	62.56	62.93	-0.374	83.1	81.2	26.206	0.48108		0	
"2014-06-08	08:00:00"	8.97	63.42	7.993	12.93	7.256	63.38	10.12	11.74	63.04	63.53	-0.49	81.5	79.4	26.226	26.035		0	
"2014-06-08	09:00:00"	7.49	68.26	14.75	11.14	6.023	67.84	15.39	9.95	64.14	64.66	-0.513	77.73	75.53	26.256	32.756		0	
"2014-06-08	10:00:00"	8.5	91.8	9.48	12.93	6.754	91.2	11.81	11.14	64.71	65.12	-0.416	75.25	74.1	26.272	51.388		0	
"2014-06-08	11:00:00"	10.3	116.4	17.25	16.51	8.27	115.9	19.29	14.72	66.66	67.44	-0.78	72.96	71.74	26.255	291.93		0	
"2014-06-08	12:00:00"	11.61	61.98	19.69	16.51	9.45	62.34	20.08	14.72	67.46	68.1	-0.644	70.47	68.15	26.268	102.57		0	
"2014-06-08	13:00:00"	9.21	73.84	17.35	14.12	7.309	73.31	18.36	12.93	64.86	65.34	-0.483	82.7	83.4	26.274	193.35	0.03		
"2014-06-08	14:00:00"	10.46	90.7	17.16	16.51	8.49	89.9	18.48	14.12	66.57	67.43	-0.862	81.1	80.3	26.256	392.43		0	
"2014-06-08	15:00:00"	11.85	65.92	12.48	16.51	9.63	65.74	13.85	14.72	67.64	68.74	-1.098	77.86	75.57	26.231	409.25		0	
"2014-06-08	16:00:00"	12.19	81.3	11.09	19.49	9.74	80.6	13.53	17.7	71.42	72.98	-1.561	70.06	66.37	26.201	552.28		0	
"2014-06-08	17:00:00"	12.93	89.1	13.73	19.49	10.37	88.5	15.5	17.1	74.45	75.74	-1.292	64.97	61.46	26.176	380.73		0	
"2014-06-08	18:00:00"	14.33	119.7	13.96	23.07	11.21	120	15.49	20.09	78.17	79.67	-1.498	56.67	52.93	26.145	521.81		0	
"2014-06-08	19:00:00"	14.72	137.3	15.07	22.47	11.41	136.8	15.34	18.89	80.7	81.8	-1.086	52.7	49.43	26.114	316.14		0	
"2014-06-08	20:00:00"	14.29	116.4	13.73	21.87	10.84	116	15.18	17.1	79.87	80.2	-0.298	54.53	52.35	26.105	35.493		0	
"2014-06-08	21:00:00"	11.98	83.7	18.94	18.89	9.36	83	18.93	15.31	77.92	77.96	-0.04	60.4	58.8	26.126	1.4468		0	
"2014-06-08	22:00:00"	14.87	109.8	29.82	22.47	11.37	109.6	30.43	17.7	76.41	76.38	0.033	66.69	65.48	26.126	0.07329		0	
"2014-06-08	23:00:00"	14.43	160.1	13.56	26.05	11.48	156.8	13.98	21.28	74.71	74.62	0.09	66.85	65.79	26.14	0		0	
"2014-06-09	00:00:00"	13.38	172.5	11	22.47	10.43	169.6	12.91	18.3	73.01	72.77	0.234	68.01	67.22	26.124	0		0	
"2014-06-09	01:00:00"	19.17	178.9	7.299	30.22	15.03	176.2	10.44	25.45	72.08	71.95	0.136	72.56	71.76	26.109	0		0	
"2014-06-09	02:00:00"	14.3	188.6	9.94	22.47	11.09	189.4	13.74	17.7	70.45	70.33	0.124	77.7	76.96	26.097	0		0	
"2014-06-09	03:00:00"	13.23	210.8	12.48	20.68	10.76	206.3	14.64	17.1	69.55	69.48	0.078	80.7	79.96	26.088	0		0	
"2014-06-09	04:00:00"	11.5	212.8	12.62	17.7	9.42	207.9	15.56	15.91	68.96	68.86	0.093	82	81.3	26.088	0		0	
"2014-06-09	05:00:00"	12.86	134.6	91.2	37.98	10.32	126.7	89.2	34.4	68.53	68.45	0.084	82.1	81.4	26.114	0		0	
"2014-06-09	06:00:00"	21.77	41.34	11.03	32.61	17.61	41.68	12.88	29.03	60.92	61.18	-0.258	74.4	72.89	26.188	0		0	
"2014-06-09	07:00:00"	18.37	47.92	8.29	26.65	14.81	48.22	9.58	22.47	60.36	60.61	-0.252	73.97	72.36	26.198	1.3348		0	
"2014-06-09	08:00:00"	18.04	37.65	10.38	26.05	14.69	37.75	12.58	21.28	60.46	60.8	-0.344	74.76	72.99	26.217	29.332		0	
"2014-06-09	09:00:00"	20.9	23.65	7.354	31.42	16.49	23.43	13.06	27.24	61.65	62.21	-0.567	69.76	67.52	26.242	130.05		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-09	10:00:00"	22.33	23.73	8.89	31.42	17.78	23.23	14.5	27.24	63	63.94	-0.936	62.39	59.47	26.261	293.37	0	
"2014-06-09	11:00:00"	19.75	25.38	9.56	29.63	15.77	24.96	15.08	26.65	65.25	66.87	-1.619	54.59	50.61	26.273	522.6	0	
"2014-06-09	12:00:00"	17.32	23.66	12.45	26.05	13.81	22.67	17.84	22.47	68.04	70.51	-2.462	49.68	44.6	26.28	828.48	0	
"2014-06-09	13:00:00"	16.2	19.35	13.68	28.43	13.16	17.95	18.88	25.45	70.7	73.44	-2.748	41.23	36.72	26.28	948.28	0	
"2014-06-09	14:00:00"	15.53	22.15	15.78	28.43	12.69	21.55	20.63	24.26	72.88	75.78	-2.894	35.81	31.76	26.269	993.55	0	
"2014-06-09	15:00:00"	11.5	17.01	22.11	21.87	9.47	15.18	25.85	20.68	74.48	77.37	-2.894	33.3	29.38	26.253	966.11	0	
"2014-06-09	16:00:00"	10.35	4.353	35.94	19.49	8.48	2.438	39.03	18.89	76.38	79.17	-2.786	31.04	27.32	26.237	936.59	0	
"2014-06-09	17:00:00"	11.5	348.6	23.68	20.09	9.15	345.6	26.15	17.1	78.27	81	-2.71	27.24	23.8	26.222	820.69	0	
"2014-06-09	18:00:00"	10.51	350.7	27.73	18.89	8.25	348.5	31.98	17.7	78.82	81.1	-2.301	26.5	23.32	26.217	650.41	0	
"2014-06-09	19:00:00"	11.33	358.4	15.99	20.68	9.2	354.9	18.5	18.3	78.83	80.7	-1.835	26.1	23.2	26.211	450.01	0	
"2014-06-09	20:00:00"	11.05	24.65	17.4	17.1	9.11	24.62	20.86	15.31	78.68	79.62	-0.948	25.15	22.82	26.204	240.67	0	
"2014-06-09	21:00:00"	8.66	49.28	14.63	14.72	6.798	50.06	15.68	11.74	77.3	77.29	0.01	25.57	23.86	26.21	59.391	0	
"2014-06-09	22:00:00"	7.507	65.99	7.404	9.95	4.456	64.11	10.55	6.964	72.26	71.14	1.124	30.73	29.84	26.228	0.41657	0	
"2014-06-09	23:00:00"	7.541	69.6	6.207	9.35	4.305	66.85	11.41	6.368	67.77	66.28	1.495	35.78	35.53	26.252	0	0	
"2014-06-10	00:00:00"	7.71	81.5	10.44	9.35	3.961	68.35	12.62	5.771	66.33	63.44	2.893	37.65	38.89	26.273	0	0	
"2014-06-10	01:00:00"	10.89	56.15	7.5	15.91	7.975	56.24	8.89	14.12	64.45	63.81	0.636	42.73	41.71	26.287	0	0	
"2014-06-10	02:00:00"	11.5	54.09	7.689	16.51	8.9	54.84	9.08	14.72	62.43	62.26	0.166	52.51	50.98	26.292	0	0	
"2014-06-10	03:00:00"	9.78	53.35	7.252	13.52	7.438	54.97	8.77	12.33	60	59.8	0.192	59.97	58.63	26.29	0	0	
"2014-06-10	04:00:00"	9.73	44.91	7.91	14.12	7.486	44.3	10	11.74	59.34	58.96	0.382	62.99	62.13	26.291	0	0	
"2014-06-10	05:00:00"	9.46	37.63	6.661	12.93	7.011	37.16	8.66	10.54	57.56	57.09	0.477	67.8	67.17	26.29	0	0	
"2014-06-10	06:00:00"	9.25	31.11	4.344	11.14	6.327	28.96	8.59	9.35	55.92	54.98	0.939	71.83	72.01	26.294	0	0	
"2014-06-10	07:00:00"	9.8	24.57	4.624	11.74	6.835	26.18	9.66	9.95	54.22	53.65	0.57	74.66	74.43	26.298	3.1399	0	
"2014-06-10	08:00:00"	7.588	16.08	7.657	10.54	5.543	11.74	13.4	8.75	55.97	56.02	-0.047	70.7	69.5	26.313	96.543	0	
"2014-06-10	09:00:00"	8.47	30.62	12.98	12.33	7.228	31.02	15.72	11.74	60.88	61.7	-0.822	58.47	55.82	26.328	290.2	0	
"2014-06-10	10:00:00"	9.05	60.2	16.09	12.93	7.635	59.91	17.83	11.74	65.16	66.38	-1.219	48.03	44.74	26.334	497.64	0	
"2014-06-10	11:00:00"	5.718	82.5	30.5	11.74	4.649	86.2	37.57	9.35	69.37	70.57	-1.197	38.91	36.19	26.332	693.31	0	
"2014-06-10	12:00:00"	5.36	163.7	41.92	13.52	4.486	161.1	47.52	11.74	73.25	74.46	-1.201	31.71	29.18	26.325	853.46	0	
"2014-06-10	13:00:00"	7.928	197.8	34.52	16.51	6.714	194.6	38.97	14.12	76.33	78.11	-1.778	30	27.06	26.31	957.73	0	
"2014-06-10	14:00:00"	8.61	200.2	27.91	19.49	7.207	199.2	32.39	15.31	78.78	80.7	-1.965	28.97	25.93	26.292	999.17	0	
"2014-06-10	15:00:00"	8.13	194.9	38.91	19.49	6.819	194.6	40.87	15.91	81.2	83.3	-2.042	26.53	23.49	26.267	975.27	0	
"2014-06-10	16:00:00"	7.959	224.2	50.14	16.51	6.492	228.7	52.36	13.52	83.8	85.8	-2.027	23.69	20.79	26.24	939.75	0	
"2014-06-10	17:00:00"	7.03	194.3	57.25	18.89	5.855	192.1	59.83	14.72	85.6	87.2	-1.554	21.92	19.29	26.214	825.14	0	
"2014-06-10	18:00:00"	6.671	226.8	31.04	14.72	5.46	230.1	35.52	12.93	87.4	88.8	-1.422	20.36	17.86	26.191	654.08	0	
"2014-06-10	19:00:00"	7.099	193.3	31.11	16.51	5.843	192.6	34.91	14.12	88	89.1	-1.073	19.39	17.08	26.174	452.41	0	
"2014-06-10	20:00:00"	6.353	185.7	22.22	14.12	5.059	184.3	26.91	11.74	88.2	88.8	-0.665	19.06	16.94	26.17	237.76	0	
"2014-06-10	21:00:00"	6.048	166.4	10.63	10.54	4.708	162.1	10.99	9.35	87.5	87.3	0.157	19.53	17.84	26.172	56.296	0	
"2014-06-10	22:00:00"	7.384	140.6	11.97	9.95	4.079	131.6	13.64	6.368	83.8	81.3	2.489	21.6	21.38	26.175	0.3389	0	
"2014-06-10	23:00:00"	8.63	116.6	14.91	13.52	5.004	109.9	18.74	10.54	78.36	76.27	2.096	25.23	24.94	26.182	0	0	
"2014-06-11	00:00:00"	10.86	150.7	9.27	15.31	8.38	147.5	9.73	12.93	77.71	77.16	0.549	27.57	26.28	26.193	0	0	
"2014-06-11	01:00:00"	8.96	157.8	9.14	13.52	7.013	154	9.47	11.14	75.21	74.77	0.441	31.68	30.35	26.197	0	0	
"2014-06-11	02:00:00"	9.03	155.9	7.963	12.93	6.869	151.3	8.72	11.14	73.55	72.96	0.599	35.3	34.17	26.189	0	0	
"2014-06-11	03:00:00"	7.946	149.8	8.23	11.74	5.658	146.4	8.07	9.35	72.02	71.34	0.681	37.31	36.41	26.18	0	0	
"2014-06-11	04:00:00"	7.133	152.8	8.54	9.95	5.035	147.9	7.871	8.16	71.38	70.63	0.746	37.4	36.6	26.17	0	0	
"2014-06-11	05:00:00"	5.914	135	19.64	8.75	3.268	120.6	24.51	6.368	69.03	67.19	1.84	40.45	40.75	26.168	0	0	
"2014-06-11	06:00:00"	5.761	130.1	13.68	9.35	2.207	109.8	22.23	7.561	66.23	64.26	1.973	44.04	44.38	26.167	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-11	07:00:00"	7.554	140.2	10.73	11.14	5.19	134.7	12.13	8.16	67.1	66.37	0.736	47.13	46.23	26.16	2.9743	0
"2014-06-11	08:00:00"	7.352	154.6	16.63	13.52	5.465	148.7	19.71	11.14	67.67	67.39	0.287	48.74	47.42	26.161	106.79	0
"2014-06-11	09:00:00"	12.6	178.6	6.872	19.49	9.9	175.9	10.22	15.91	73.5	73.95	-0.452	42.03	39.9	26.164	291.33	0
"2014-06-11	10:00:00"	11.85	187.1	11.35	17.7	9.46	185.4	14.29	17.1	77.74	78.57	-0.835	37.42	35.11	26.167	390.43	0
"2014-06-11	11:00:00"	9.49	195.4	13.68	14.72	7.654	194.5	17.19	12.33	82.4	83.6	-1.196	32.65	30.14	26.158	580.79	0
"2014-06-11	12:00:00"	9.68	220.9	24.89	17.7	8	221.6	28.31	16.51	88.1	89.5	-1.44	26.22	23.62	26.154	826.07	0
"2014-06-11	13:00:00"	10.92	268.3	19.74	20.68	8.5	270.1	22.16	17.7	91.4	93.5	-2.057	23.19	20.35	26.146	916.45	0
"2014-06-11	14:00:00"	10.15	268.6	26.85	21.87	7.684	271.3	28.74	21.87	94.9	97.2	-2.282	20.37	17.49	26.129	977.92	0
"2014-06-11	15:00:00"	12.82	307.5	20.91	24.26	8.97	308.2	22.51	17.7	97.7	100.4	-2.628	15.81	13.03	26.112	854.22	0
"2014-06-11	16:00:00"	9.37	296.1	33.78	20.68	6.82	295.9	33.69	17.1	97.5	99.4	-1.85	15.11	12.61	26.101	600.82	0
"2014-06-11	17:00:00"	7.178	329	73.9	20.09	5.496	321.8	76.41	13.52	97.9	99.8	-1.838	15.43	12.9	26.077	805.94	0
"2014-06-11	18:00:00"	7.152	267.3	62.05	19.49	5.685	269.5	65.2	15.31	99.3	100.9	-1.554	13.94	11.55	26.055	628.96	0
"2014-06-11	19:00:00"	12.66	259	14.88	20.68	10	262.1	18.03	18.89	99.2	99.7	-0.52	13.37	11.29	26.042	167.62	0
"2014-06-11	20:00:00"	11.28	258.8	16.41	20.68	8.57	262.2	18.91	17.1	98.9	99.4	-0.416	13.79	11.85	26.038	206.62	0
"2014-06-11	21:00:00"	5.268	239	20.2	14.12	3.73	232.1	31.76	11.14	97	96.5	0.571	14.6	12.98	26.044	37.672	0
"2014-06-11	22:00:00"	6.935	147	45.98	17.7	4.914	136.6	38.23	14.12	93.4	91.9	1.541	18.44	17.3	26.056	0.26006	0
"2014-06-11	23:00:00"	13.84	139.6	10.25	20.68	10.63	139.1	10.59	18.89	88.5	87.9	0.599	22.93	21.45	26.075	0	0
"2014-06-12	00:00:00"	13.29	123.6	8.1	20.09	9.83	124	10.41	15.91	83.6	83.1	0.474	33.1	31.69	26.094	0	0
"2014-06-12	01:00:00"	13.54	130.3	11.89	23.07	10.38	129.7	12.47	20.09	80.7	80.4	0.348	40.16	38.74	26.106	0	0
"2014-06-12	02:00:00"	11.45	137.2	39.48	22.47	8.93	135.7	41.29	19.49	77.66	77.37	0.285	47.07	45.56	26.111	0	0
"2014-06-12	03:00:00"	5.304	56.06	30.12	8.75	3.864	46.97	35.19	7.561	75.29	73.63	1.657	51.31	51.58	26.121	0	0
"2014-06-12	04:00:00"	4.603	68.52	41.68	9.35	3.202	52.21	46.89	6.964	74	70.85	3.15	52.32	54.93	26.123	0	0
"2014-06-12	05:00:00"	4.125	59.01	48.19	9.95	3.067	24.03	50.75	6.964	74.48	69.6	4.882	49.67	55.51	26.128	0	0
"2014-06-12	06:00:00"	5.427	342.8	51.68	13.52	3.579	2.158	56.05	8.75	74.38	69.03	5.353	48.39	55.13	26.14	0	0
"2014-06-12	07:00:00"	6.262	326.9	33.07	16.51	3.801	319.9	49.49	12.93	70.98	67.94	3.043	53.58	56.77	26.153	2.0881	0
"2014-06-12	08:00:00"	16.11	0.79	13.79	24.86	11.59	356.6	17.18	19.49	69.16	69.12	0.037	61.67	60.4	26.183	89.774	0
"2014-06-12	09:00:00"	13.31	187.5	68.13	26.65	14.42	9.2	14.74	24.26	70	70.43	-0.423	56.38	54.19	26.205	275.67	0.01
"2014-06-12	10:00:00"	21.29	12.84	45.53	32.01	14.91	13.03	52.91	27.84	72.44	73.9	-1.455	54.99	51.14	26.238	522.9	0.1
"2014-06-12	11:00:00"	21.45	19.28	9.04	35.59	16.57	20.52	16.09	27.84	73.43	75.01	-1.579	54.13	50.03	26.26	395.77	0
"2014-06-12	12:00:00"	20.48	17.7	10.23	27.24	16.09	18.12	16.95	24.86	75.74	78.09	-2.349	51.53	46.48	26.272	788.3	0
"2014-06-12	13:00:00"	17.77	19	12.31	26.05	14.24	19.65	18.61	21.28	79.07	82	-2.889	47.11	41.48	26.275	918.1	0
"2014-06-12	14:00:00"	17.33	29	13.87	25.45	14.32	31.3	17.81	23.66	81.4	84.5	-3.021	44.48	38.89	26.272	961.2	0
"2014-06-12	15:00:00"	16.45	29.06	13.92	24.86	13.72	31.54	17.9	23.07	83.4	86.4	-3.004	41.83	36.87	26.262	911.41	0
"2014-06-12	16:00:00"	13.7	39.56	17.52	24.26	11.6	42.09	20.4	20.68	85.2	88	-2.798	40.08	35.63	26.254	900.42	0
"2014-06-12	17:00:00"	12.86	41.11	21.83	20.68	10.77	43.49	24.42	18.3	86.4	89	-2.574	38.9	34.83	26.249	773.77	0
"2014-06-12	18:00:00"	14.67	41.08	17.46	24.26	12.28	44.62	19.44	22.47	86.5	88.7	-2.14	40.78	36.8	26.244	605.17	0
"2014-06-12	19:00:00"	16.54	38.84	12.25	23.66	13.92	41.42	14.72	20.09	85	86.6	-1.629	43.82	39.78	26.237	407.93	0
"2014-06-12	20:00:00"	15.38	41.72	11.76	22.47	12.94	44.62	13.22	18.89	83.3	84.3	-0.978	45.59	42.28	26.247	209.75	0
"2014-06-12	21:00:00"	16.19	48.98	9.23	23.66	13.52	51.61	10.36	20.68	80.9	81.2	-0.326	50.06	47.66	26.261	49.55	0
"2014-06-12	22:00:00"	15.13	52.92	9.18	21.28	12.4	55.83	10.38	20.09	77.82	77.88	-0.062	55.09	53.2	26.275	0.41434	0
"2014-06-12	23:00:00"	15.07	63.99	8.57	23.07	11.8	66.6	10.45	18.89	75.23	75.26	-0.028	61.14	59.46	26.296	0	0
"2014-06-13	00:00:00"	17.82	71.8	8.23	24.86	13.77	74.3	10.02	21.87	72.66	72.69	-0.03	67.35	65.81	26.321	0	0
"2014-06-13	01:00:00"	15.68	75.62	7.57	23.07	12.05	77.2	9.96	18.89	70.18	70.2	-0.02	71.3	69.9	26.335	0	0
"2014-06-13	02:00:00"	15.21	76.28	7.197	23.07	11.42	78.06	9.77	18.89	68.65	68.64	0.009	74.22	72.94	26.34	0	0
"2014-06-13	03:00:00"	13.44	71.32	8.54	19.49	10.39	73.42	10.39	15.31	67.19	67.19	-0.001	77.69	76.51	26.345	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-13	04:00:00"	11.36	80.1	9.59	16.51	8.78	81.7	11.62	13.52	67.11	67.27	-0.158	78.36	76.91	26.348	0
"2014-06-13	05:00:00"	10.06	91.7	9.5	17.1	7.984	93.9	10.9	14.12	67.64	67.89	-0.243	77.22	75.56	26.35	0
"2014-06-13	06:00:00"	9.53	76.32	17.38	16.51	7.515	77.92	17.75	13.52	67.55	67.66	-0.104	77.95	76.52	26.345	0
"2014-06-13	07:00:00"	7.489	68.37	12.16	14.12	5.809	69.89	13.35	11.14	66.46	66.56	-0.105	80.9	79.58	26.353	2.0115
"2014-06-13	08:00:00"	11.48	83.4	9.08	16.51	8.91	85.3	10.99	14.12	67.56	67.97	-0.415	81.5	79.57	26.369	69.138
"2014-06-13	09:00:00"	12.45	96.4	10.79	17.7	9.94	98.5	12.4	15.31	68.05	68.51	-0.461	80.9	78.79	26.379	54.678
"2014-06-13	10:00:00"	11.81	93.6	12.7	17.1	9.52	95.5	14.94	14.12	67.53	68.26	-0.729	84.6	82.1	26.379	151.76
"2014-06-13	11:00:00"	11.68	111.2	15.94	18.3	9.48	113.2	17.54	14.72	70.88	71.92	-1.038	73.94	70.64	26.364	268.99
"2014-06-13	12:00:00"	10.27	134.8	19.75	15.31	8.45	136.4	20.58	13.52	73.36	74.65	-1.292	68.06	64.32	26.352	377.35
"2014-06-13	13:00:00"	6.974	178.1	27.39	12.93	5.751	178	28.76	11.14	75.01	76.11	-1.106	64.91	61.57	26.339	420.91
"2014-06-13	14:00:00"	8.64	156.9	30.53	19.49	7.247	158.2	33.11	14.72	78.2	80	-1.795	59.08	54.65	26.306	909.38
"2014-06-13	15:00:00"	10.82	135.4	21.47	19.49	8.98	135.8	23.74	17.1	82.5	84.7	-2.196	49.8	44.9	26.268	932.5
"2014-06-13	16:00:00"	12.7	157.6	22.93	22.47	10.44	159.6	23.62	18.89	86.1	88.4	-2.236	39.99	36.09	26.234	869.96
"2014-06-13	17:00:00"	11.23	153	22.05	22.47	9.04	154.4	23.12	18.3	88	89.6	-1.569	37.05	33.97	26.205	435.07
"2014-06-13	18:00:00"	13.07	147.9	17.6	20.68	10.53	148.7	17.34	17.1	89.3	90.5	-1.115	35.49	32.85	26.18	300.71
"2014-06-13	19:00:00"	14.91	142.9	12.77	24.26	11.98	144.4	13.12	20.09	89.8	90.5	-0.759	34.51	32.16	26.165	189.55
"2014-06-13	20:00:00"	13.73	151.2	11.65	21.87	11.06	151.1	11.54	19.49	89.5	89.7	-0.2	33.28	31.4	26.152	65.205
"2014-06-13	21:00:00"	14.88	167.4	31.45	43.35	11.8	166.7	32.98	39.77	87.9	87.8	0.155	34.6	33.49	26.162	3.3893
"2014-06-13	22:00:00"	20.72	138.5	90.8	45.73	14.48	136.2	91.7	37.38	77.7	75.96	1.737	48.1	52.37	26.17	0.0888
"2014-06-13	23:00:00"	16.02	315.1	35.23	31.42	10.56	318.9	34.53	27.84	69.1	68.66	0.439	70.69	72.46	26.324	0
"2014-06-14	00:00:00"	7.6	73.87	58.39	17.7	5.787	79.44	61.39	15.91	67.99	67.58	0.402	74.48	77.12	26.285	0
"2014-06-14	01:00:00"	10.29	146.4	15.4	16.51	8.17	148.2	14.91	13.52	67.36	67.2	0.161	77.15	78.11	26.24	0
"2014-06-14	02:00:00"	10.6	156.4	11.1	17.7	8.38	156.6	11.91	14.72	68.41	67.97	0.443	70.33	71.57	26.238	0
"2014-06-14	03:00:00"	11.93	159.1	9.87	19.49	9.54	159	10.81	17.7	68.33	67.95	0.384	69.29	70.06	26.232	0
"2014-06-14	04:00:00"	6.771	171.8	19.62	11.74	5.327	173.3	23.74	9.95	66.78	66.56	0.222	75.42	75.87	26.224	0
"2014-06-14	05:00:00"	5.713	188.6	24.92	9.95	4.372	189	30.52	9.35	65.94	65.7	0.234	79.31	79.76	26.222	0
"2014-06-14	06:00:00"	10.9	190	15.76	18.3	8.66	191	18.87	15.91	66.06	65.91	0.157	79.52	79.65	26.212	0
"2014-06-14	07:00:00"	16.89	195	8.97	26.65	13.24	198.7	11.62	21.87	66.02	65.92	0.1	79.98	79.85	26.188	2.111
"2014-06-14	08:00:00"	16.12	203.2	11.04	25.45	13	204.2	11.95	21.87	65.82	65.8	0.015	81.8	81.3	26.185	82.481
"2014-06-14	09:00:00"	14.49	205.2	11.29	23.07	11.82	204.5	12.5	18.89	68.36	68.54	-0.186	79.09	78.19	26.18	276.11
"2014-06-14	10:00:00"	13.61	197.6	10.91	19.49	10.87	199.7	12.69	17.1	71.31	71.86	-0.557	72.21	71.2	26.185	474.46
"2014-06-14	11:00:00"	13.47	209.8	13.76	20.68	11.02	209.7	15.87	17.7	75.16	75.81	-0.656	63.19	61.78	26.175	650.6
"2014-06-14	12:00:00"	13.79	212.3	13.64	21.87	11.33	213.3	16.1	20.09	80.2	80.9	-0.761	52.02	50.03	26.161	793.84
"2014-06-14	13:00:00"	14.26	218.4	15.61	26.65	11.75	219	18.86	20.68	86.5	87.3	-0.795	35.6	33.72	26.146	865.98
"2014-06-14	14:00:00"	13.93	219.9	18.95	24.26	11.51	221.2	22.36	21.87	90	91.2	-1.166	30.49	28.35	26.125	967.98
"2014-06-14	15:00:00"	13.05	224	21.98	23.66	10.64	225.1	26	20.68	92.8	94.3	-1.451	26.15	23.88	26.097	956.64
"2014-06-14	16:00:00"	14.65	204.4	27.79	27.84	11.84	206.1	31.1	23.66	94.1	95.1	-1.038	23.55	21.51	26.069	605.21
"2014-06-14	17:00:00"	11.45	215	35.85	21.87	9.24	217.4	38.71	18.3	95.6	96.9	-1.208	19.52	17.48	26.047	679.18
"2014-06-14	18:00:00"	13.77	230.3	26.54	30.82	11.25	232	30.53	25.45	97.6	98.7	-1.115	16.84	14.8	26.027	704.5
"2014-06-14	19:00:00"	19.22	189.8	24.4	39.77	15.33	189.7	27.07	33.21	94.6	95.4	-0.807	23.45	21.44	26.019	481.06
"2014-06-14	20:00:00"	22.19	178	6.891	33.21	17.23	178	10.15	28.43	90.9	91.3	-0.374	29.53	27.77	26.015	216.76
"2014-06-14	21:00:00"	17.78	178.9	6.662	26.05	13.82	178.7	10.13	22.47	90.9	90.6	0.314	25.91	24.65	26.013	38.896
"2014-06-14	22:00:00"	16.87	173.1	6.471	24.26	13.18	171.8	9.06	21.87	87.7	87.2	0.514	24.19	23.09	26.037	0.46359
"2014-06-14	23:00:00"	18.41	173.9	6.897	31.42	14.33	173.2	9.54	26.05	84.4	84	0.386	28.26	27.12	26.063	0
"2014-06-15	00:00:00"	10.39	184.6	45.32	23.66	8.09	183.6	46.03	20.09	81.8	81.4	0.41	34.31	34.22	26.108	0.0001

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-06-15	01:00:00"	15.72	176.6	14.86	35	12.32	176.9	17.68	29.63	78.12	77.78	0.346	43.94	43.19	26.108	0	0
"2014-06-15	02:00:00"	17.83	179.8	6.406	27.84	13.86	179.2	9.55	22.47	75.34	75.07	0.272	49.57	48.61	26.112	0	0
"2014-06-15	03:00:00"	11.26	194	22.8	20.09	8.63	196.7	26.17	17.7	73.86	73.58	0.278	54.34	53.41	26.111	0	0
"2014-06-15	04:00:00"	11.61	186	9.74	20.09	8.87	190.4	13.85	16.51	73.79	73.45	0.341	59.14	58.4	26.105	0	0
"2014-06-15	05:00:00"	9.77	188.7	8.07	16.51	7.431	193.1	12.08	12.93	72.63	72.22	0.404	63.35	62.91	26.102	0	0
"2014-06-15	06:00:00"	7	197.6	12.76	11.14	5.243	203	14.74	8.75	70.77	70.34	0.428	67.13	66.8	26.108	0	0
"2014-06-15	07:00:00"	7.167	238.6	13.85	11.74	5.398	244.3	16.84	9.35	69.68	69.2	0.475	69.78	69.61	26.123	3.1208	0
"2014-06-15	08:00:00"	7.426	244.6	13.61	10.54	5.803	250.7	16.89	9.95	69.28	69.06	0.229	71.78	71.31	26.142	96.734	0
"2014-06-15	09:00:00"	8.11	240.5	15.27	12.33	6.761	244.1	19.01	11.74	71.61	71.91	-0.295	68.65	67.08	26.157	289.44	0
"2014-06-15	10:00:00"	8.09	271.1	26.12	17.1	6.253	275.5	26.34	13.52	76.92	77.83	-0.909	54.76	52.32	26.173	495.66	0
"2014-06-15	11:00:00"	10.8	327.9	14.5	15.31	8.19	329.8	14.74	14.72	81.6	83.4	-1.766	34.96	32.15	26.177	694	0
"2014-06-15	12:00:00"	9.93	349.4	20.41	16.51	8.07	349.6	21.64	17.1	85.1	87.2	-2.157	27.7	24.95	26.183	860.83	0
"2014-06-15	13:00:00"	9.02	3.383	19.24	17.1	7.466	3.068	23.4	15.91	88.6	90.8	-2.253	23.52	20.82	26.186	966.69	0
"2014-06-15	14:00:00"	6.601	331.9	53.9	21.87	5.417	334.3	56.86	18.3	91.4	93.2	-1.873	17.37	15.01	26.18	1006.8	0
"2014-06-15	15:00:00"	6.233	279.7	50.96	16.51	4.919	282.5	55.89	13.52	93.8	95.5	-1.754	14.72	12.51	26.169	973.94	0
"2014-06-15	16:00:00"	10.05	236.5	45.63	22.47	7.994	237.2	50.7	20.68	95.6	97.5	-1.851	11.23	9.13	26.15	948.03	0
"2014-06-15	17:00:00"	10.02	249.5	29.46	22.47	7.948	254.5	32.75	20.09	96.2	98	-1.779	13.01	10.82	26.132	824.98	0
"2014-06-15	18:00:00"	7.698	190.3	50.34	18.89	6.253	192.8	51.81	17.7	96.6	97.9	-1.321	13.7	11.61	26.112	655.27	0
"2014-06-15	19:00:00"	9.06	196.2	45.66	19.49	7.493	198.4	49.53	15.91	97.4	98.4	-0.967	13.34	11.34	26.096	459.5	0
"2014-06-15	20:00:00"	9.79	200.2	30.61	21.28	7.875	201.9	33.65	18.3	97.5	97.9	-0.416	13.39	11.58	26.09	256.18	0
"2014-06-15	21:00:00"	6.448	189.6	19.62	14.72	5.021	189.1	21.71	10.54	96.4	96	0.405	14.33	12.96	26.099	56.983	0
"2014-06-15	22:00:00"	10.94	117.1	32.88	24.26	8.42	114.5	32.87	20.09	91.3	90.7	0.641	26.76	25.6	26.121	0.59201	0
"2014-06-15	23:00:00"	19.89	147.8	22.72	36.78	15.69	148.9	21.12	30.22	87.4	87.2	0.165	39.88	38.4	26.146	0	0
"2014-06-16	00:00:00"	25.11	160.1	9.89	39.17	20.31	159.3	10.97	33.21	83.6	83.5	0.078	49.89	48.28	26.179	0	0
"2014-06-16	01:00:00"	25.96	172.9	7.422	39.77	20.46	172.4	9.83	32.61	81.8	81.7	0.123	52.9	51.46	26.186	0	0
"2014-06-16	02:00:00"	21.68	175.1	7.626	32.01	16.96	174.7	10.49	26.05	80.9	80.7	0.161	52.39	51.05	26.177	0	0
"2014-06-16	03:00:00"	16.41	178	6.566	26.05	12.85	177.7	9.45	21.87	79.48	79.27	0.206	50.72	49.47	26.168	0	0
"2014-06-16	04:00:00"	11.13	195.3	11.88	16.51	8.73	197.3	13.84	14.72	77.64	77.42	0.225	49.13	47.86	26.182	0	0
"2014-06-16	05:00:00"	9.04	199.5	15.38	14.12	7.2	197.9	15.82	11.74	75.94	75.71	0.232	47.45	46.19	26.187	0	0
"2014-06-16	06:00:00"	12.14	174.7	9.72	17.1	9.42	174.2	11.56	14.12	74.71	74.44	0.261	48.3	47.17	26.194	0	0
"2014-06-16	07:00:00"	11.87	167	9.31	19.49	9.47	167.2	11.59	15.31	74.54	74.28	0.261	48.8	47.62	26.211	1.7715	0
"2014-06-16	08:00:00"	13.32	170.6	7.951	18.3	10.44	170.8	9.91	15.91	74.86	74.69	0.173	49.82	48.59	26.228	71.139	0
"2014-06-16	09:00:00"	15.28	178.5	7.184	21.87	11.98	178.3	10.65	18.3	76.36	76.69	-0.33	49.51	47.52	26.241	246.12	0
"2014-06-16	10:00:00"	16.26	183.8	8.97	23.07	12.66	184.8	13.11	18.89	77.45	77.99	-0.54	52.57	50.24	26.254	273	0
"2014-06-16	11:00:00"	15.84	188	10.24	21.28	12.5	189.6	13.46	18.3	79.09	79.99	-0.898	51.8	48.92	26.258	395.57	0
"2014-06-16	12:00:00"	14.52	191	11.12	21.87	11.56	193	14.04	17.7	82.1	83	-0.899	45.21	42.41	26.254	418.05	0
"2014-06-16	13:00:00"	12.1	193.8	15.5	19.49	9.82	195.5	18.96	15.91	85	86.1	-1.079	37.67	35.16	26.246	551.05	0
"2014-06-16	14:00:00"	10.07	202.9	19.73	17.1	8.13	205.6	22.73	15.31	88.7	89.9	-1.202	28.04	25.68	26.234	588.66	0
"2014-06-16	15:00:00"	7.426	219.1	22.7	14.12	6.199	221.5	28	12.93	90.4	91.3	-0.859	21.57	19.46	26.218	482.64	0
"2014-06-16	16:00:00"	8.57	209.8	21.33	15.91	7.181	211.6	24.14	13.52	91.5	92.3	-0.856	21.44	19.31	26.199	476.61	0
"2014-06-16	17:00:00"	8.96	204.4	21.97	18.3	7.266	207.4	25.11	14.12	92.7	93.6	-0.938	18.89	16.79	26.178	473.43	0
"2014-06-16	18:00:00"	11.59	176.8	13.57	22.47	9.35	176.9	16.67	17.7	93.7	94.6	-0.888	17.83	15.81	26.153	431.14	0
"2014-06-16	19:00:00"	12.32	186.5	21.58	23.66	9.86	187.1	24.44	18.89	94.8	95.8	-0.99	19.46	17.29	26.134	464.13	0
"2014-06-16	20:00:00"	18.29	171.7	10.92	30.82	14.55	171.5	13.04	27.24	92.8	93.3	-0.444	27.87	25.95	26.125	217.44	0
"2014-06-16	21:00:00"	21.23	158.3	10.22	28.43	17.26	157.5	11.08	27.24	87	87.1	-0.086	43.09	41.22	26.144	50.03	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-16	22:00:00"	20.09	164.6	9.8	31.42	16.15	163.9	10.91	25.45	82.9	82.9	0.034	52.22	50.63	26.168	0.4803	0
"2014-06-16	23:00:00"	18.98	170.9	7.759	29.03	15.15	170.8	9.89	24.86	80.5	80.4	0.08	57.01	55.6	26.2	0	0
"2014-06-17	00:00:00"	18.19	172.8	6.884	29.03	14.4	172.2	9.51	21.87	78.88	78.77	0.115	60.16	58.91	26.216	0	0
"2014-06-17	01:00:00"	16.42	174.9	6.315	25.45	12.76	174.1	9.05	20.09	77.17	77.02	0.145	65.05	63.99	26.216	0	0
"2014-06-17	02:00:00"	13.8	178.2	8.5	18.89	10.79	178.5	11.39	15.91	75.92	75.69	0.231	62.52	61.63	26.205	0	0
"2014-06-17	03:00:00"	12.23	182.7	8.38	18.3	9.54	183.8	11.66	15.31	74.47	74.19	0.276	54.9	53.9	26.207	0	0
"2014-06-17	04:00:00"	13.15	174.7	7.733	18.89	10.16	174.2	10.1	15.91	73.08	72.75	0.323	56.6	55.79	26.206	0	0
"2014-06-17	05:00:00"	15.56	172.2	6.462	21.28	12.18	171.5	9.23	18.3	73.09	72.75	0.334	56.17	55.29	26.19	0	0
"2014-06-17	06:00:00"	15.01	178.4	8.1	21.87	11.59	179.7	11.72	17.7	72.64	72.32	0.326	56.61	55.76	26.196	0	0
"2014-06-17	07:00:00"	9.32	196.5	11.08	15.91	7.114	200.9	12.93	12.33	70.92	70.66	0.256	62.04	61.12	26.209	2.3982	0
"2014-06-17	08:00:00"	10.85	184.7	9.61	18.3	8.44	186.5	12.86	13.52	71.02	70.86	0.154	64.97	63.96	26.217	65.694	0
"2014-06-17	09:00:00"	11.32	189.5	8.79	17.7	8.8	193.3	12.59	16.51	74.38	74.4	-0.027	59.99	58.6	26.235	137.23	0
"2014-06-17	10:00:00"	11.97	194.5	10.58	18.3	9.48	197.3	13.27	14.72	78.78	79.22	-0.44	51.23	49.12	26.243	322.03	0
"2014-06-17	11:00:00"	9.88	207.2	16.53	15.31	8.23	208.4	19.21	14.12	81.9	82.9	-1.041	44.12	41.21	26.233	671.85	0
"2014-06-17	12:00:00"	6.786	207.3	30.83	12.33	5.772	208.7	33.28	11.14	85.4	86.5	-1.17	36.63	34.15	26.226	798.22	0
"2014-06-17	13:00:00"	4.545	161.6	54.81	11.14	3.895	162.3	60.85	10.54	88.9	90.1	-1.172	28.11	25.68	26.22	941.36	0
"2014-06-17	14:00:00"	5.167	44.5	84.1	15.31	4.35	43.61	86.2	13.52	92.1	93.7	-1.551	22.17	19.66	26.202	988.03	0
"2014-06-17	15:00:00"	6.302	60.84	67.11	15.31	5.211	66.02	66.93	12.33	94.6	96.6	-2.046	18.05	15.47	26.179	961.2	0
"2014-06-17	16:00:00"	5.597	31.7	50.5	15.31	4.894	30.02	55.48	14.72	95.1	96.7	-1.578	17.08	14.62	26.157	680.25	0
"2014-06-17	17:00:00"	9.83	146.9	30.03	19.49	8.22	146.8	34.28	17.1	95.5	96.8	-1.384	21.16	18.67	26.14	644.3	0
"2014-06-17	18:00:00"	9.69	163.2	21.52	18.89	7.921	162.7	24.24	16.51	95.4	96.6	-1.213	21.68	19.3	26.124	442.51	0
"2014-06-17	19:00:00"	10.39	176.8	21.93	20.68	8.36	177.7	25.02	17.7	95.2	96.3	-1.069	23.14	20.8	26.108	352.22	0
"2014-06-17	20:00:00"	14.21	101.6	85.3	27.24	11.45	105.2	84.4	23.66	90.7	91.7	-1.005	31.28	28.76	26.108	294.59	0
"2014-06-17	21:00:00"	21.84	149.3	80.4	54.68	17.57	149	81.6	45.13	77.63	77.67	-0.039	57.89	58.18	26.135	92.902	1.01
"2014-06-17	22:00:00"	18.46	94.6	18.91	40.96	14.22	96.1	19.86	35.59	67.8	67.96	-0.155	82.6	83.7	26.188	2.3487	0.21
"2014-06-17	23:00:00"	13.4	108.5	13.1	24.26	9.91	109.4	15.11	18.89	70.28	69.93	0.344	76.59	78.3	26.209	0.36345	0.13
"2014-06-18	00:00:00"	14.45	119.2	12.21	20.68	10.94	120.6	13.81	17.1	73.77	73.22	0.549	73.27	74.68	26.228	0	0
"2014-06-18	01:00:00"	12.33	148.8	15.6	19.49	9.75	149.7	14.89	15.31	74.44	74.04	0.406	72.41	73.16	26.233	0	0
"2014-06-18	02:00:00"	13.57	150	10.64	24.26	10.79	149.8	10.67	20.09	74.89	74.49	0.406	70.41	71.11	26.245	0	0
"2014-06-18	03:00:00"	8.39	120.2	44.23	16.51	6.318	121.5	43.1	12.93	73.88	73.35	0.532	72.98	74.47	26.259	0	0.01
"2014-06-18	04:00:00"	7.669	100	11.35	11.74	5.739	100.8	12.46	9.95	70.26	69.98	0.288	77.08	78.18	26.23	0	0
"2014-06-18	05:00:00"	8.44	139.3	18.3	13.52	6.324	139.9	21.48	11.74	71.3	70.95	0.348	76.69	77.85	26.208	0	0
"2014-06-18	06:00:00"	7.939	138.7	13.68	13.52	5.939	140.2	13.62	10.54	71.56	71.24	0.319	77.09	77.96	26.202	0	0
"2014-06-18	07:00:00"	7.614	168.4	11.45	11.14	5.954	168.9	12.33	9.35	70.94	70.71	0.233	78.08	78.51	26.199	2.164	0
"2014-06-18	08:00:00"	10.61	182.6	8.98	16.51	8.29	183.4	12.29	14.12	71.12	70.98	0.138	78.24	78.47	26.207	54.517	0
"2014-06-18	09:00:00"	13.3	183.2	9.44	20.09	10.5	183.3	13.07	16.51	71.96	72.01	-0.054	76.31	76.24	26.214	185.15	0
"2014-06-18	10:00:00"	15.56	178.7	7.645	20.68	12.34	178.1	11.08	18.3	73.87	74.33	-0.456	71.28	70.96	26.215	487.76	0
"2014-06-18	11:00:00"	13.76	179.5	9.34	19.49	10.97	179.6	13.11	16.51	76.74	77.46	-0.712	63.61	63.17	26.216	614.68	0
"2014-06-18	12:00:00"	11.18	192.6	14.32	18.3	8.87	193.7	16.36	15.31	80.9	81.7	-0.81	53.29	52.61	26.215	679.36	0
"2014-06-18	13:00:00"	8.14	234.9	26.13	12.93	6.522	239.2	30.65	11.74	82.3	82.5	-0.164	45.69	45.43	26.216	261.56	0
"2014-06-18	14:00:00"	4.947	208.2	54.62	8.75	4.201	212.7	62.96	8.75	84.2	84.9	-0.664	40.76	39.87	26.204	950.41	0
"2014-06-18	15:00:00"	5.339	168	48.76	15.31	4.616	167.2	50.86	12.93	88.8	89.5	-0.733	33.32	31.98	26.18	974.25	0
"2014-06-18	16:00:00"	10.8	189.2	17.97	19.49	8.81	188.8	21.44	16.51	91.3	92.3	-1.069	26.71	25.39	26.15	773.22	0
"2014-06-18	17:00:00"	9.75	209.5	26.44	17.1	8.04	211.1	28.55	14.72	92.6	93.3	-0.776	23.27	21.81	26.13	588.98	0
"2014-06-18	18:00:00"	8.91	233.3	21.63	17.7	7.372	237	24.62	14.72	93.1	93.5	-0.469	22.13	20.73	26.115	470.28	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-18	19:00:00"	11.42	205.9	31.55	45.73	9.16	206.7	35.12	37.38	88.6	88.4	0.126	28.51	28.54	26.117	210.78	0	
"2014-06-18	20:00:00"	12.08	163	19.05	18.89	9.55	163.1	19.61	16.51	85.1	85.1	-0.051	35.83	35.54	26.112	209.52	0	
"2014-06-18	21:00:00"	20.51	143.3	13.86	34.4	16.45	144.4	13.61	27.84	80.4	80.6	-0.205	45.57	44.17	26.144	92.773	0	
"2014-06-18	22:00:00"	16.71	124.1	11.31	27.84	13.01	126.7	12.93	20.68	72.35	72.56	-0.216	60.37	59.29	26.185	1.119	0	
"2014-06-18	23:00:00"	16.28	143.5	8.86	25.45	12.98	144.5	9.5	21.28	72.73	72.54	0.188	61.32	61.08	26.19	0	0	
"2014-06-19	00:00:00"	12.64	158.8	15.67	21.28	9.87	159.2	16.01	17.1	73.08	72.92	0.163	69.56	69.1	26.219	0	0	
"2014-06-19	01:00:00"	11.93	167	9.99	18.89	9.4	167.1	11.49	16.51	72.05	71.89	0.158	73.47	73.12	26.225	0	0	
"2014-06-19	02:00:00"	12.91	174.8	7.943	21.28	10.07	173.8	10.1	16.51	71.53	71.29	0.237	75.83	75.66	26.226	0	0	
"2014-06-19	03:00:00"	15.3	170	8.6	23.66	12.1	169.7	10.47	19.49	72.15	71.9	0.247	75.41	75.17	26.216	0	0	
"2014-06-19	04:00:00"	10.21	163.8	10.65	18.89	8.16	163.2	11.79	16.51	71.52	71.32	0.202	77.99	77.78	26.215	0	0	
"2014-06-19	05:00:00"	5.067	169	10.68	8.16	3.724	168.3	12.52	6.964	70.67	70.32	0.356	79.96	80.4	26.217	0	0	
"2014-06-19	06:00:00"	8.92	176	9.29	14.12	6.842	175.4	13.17	11.74	70.37	70.04	0.332	80.5	80.8	26.22	0	0	
"2014-06-19	07:00:00"	7.468	185.3	8.21	10.54	5.662	188.2	12.31	8.16	69.38	69.15	0.236	83.5	83.6	26.235	3.3989	0	
"2014-06-19	08:00:00"	8.89	170.8	8.32	14.72	7.062	169.8	9.82	13.52	69.3	69.28	0.018	84.5	84.1	26.25	94.51	0	
"2014-06-19	09:00:00"	11.74	171.9	9.3	15.31	9.33	170.9	11.56	12.93	71.1	71.34	-0.242	78.29	77.46	26.255	203.67	0	
"2014-06-19	10:00:00"	11.66	181.4	9.58	16.51	9.26	182.1	13.59	14.12	73.71	74.2	-0.49	71.43	70.11	26.262	320.41	0	
"2014-06-19	11:00:00"	10.63	186.8	11.71	17.7	8.5	187.3	15.3	13.52	75.63	76.24	-0.608	66.22	64.54	26.267	357.43	0	
"2014-06-19	12:00:00"	6.077	210.3	24	12.33	5.052	211.1	28	10.54	77.7	78.38	-0.684	60.55	58.62	26.275	527.07	0	
"2014-06-19	13:00:00"	3.789	192.4	67.49	8.75	3.216	206.8	71.26	7.561	79.61	80.4	-0.745	55.62	53.45	26.28	711.23	0	
"2014-06-19	14:00:00"	3.446	108.3	89.8	9.35	2.952	120.5	95.4	8.16	82.8	83.7	-0.904	48.02	45.55	26.273	804.71	0	
"2014-06-19	15:00:00"	4.58	102.9	75.31	11.14	3.778	110.9	77.12	9.95	85.7	86.7	-0.954	40.28	38.15	26.259	634.9	0	
"2014-06-19	16:00:00"	7.598	126.8	46.14	15.31	6.224	129	45.99	12.93	87.8	88.8	-1.009	35.71	33.71	26.247	512.08	0	
"2014-06-19	17:00:00"	11.73	155.1	22.42	20.09	9.56	156.4	22.87	17.7	88.8	90	-1.24	36.04	33.84	26.23	580.88	0	
"2014-06-19	18:00:00"	12.79	138.4	15.58	20.09	10.43	139.7	15.75	17.7	89.6	90.9	-1.326	34.38	32.03	26.222	581.04	0	
"2014-06-19	19:00:00"	15.43	141.8	12.74	24.86	12.22	142.6	12.66	21.28	88.5	89.1	-0.598	36.28	34.43	26.215	151.67	0	
"2014-06-19	20:00:00"	15.61	138.3	9.37	22.47	12.27	139.6	9.82	20.09	86.8	86.6	0.183	37.67	37.33	26.215	99.963	0.01	
"2014-06-19	21:00:00"	17.1	145.7	8.66	24.86	13.66	145.9	9.37	21.87	85	84.9	0.142	39.51	38.28	26.233	16.638	0	
"2014-06-19	22:00:00"	14.3	155.5	12.87	21.87	11.4	155.6	13.69	19.49	82.7	82.5	0.14	44.36	43.06	26.281	0.09542	0	
"2014-06-19	23:00:00"	22.38	263.7	31.61	43.35	16.58	268.4	33.73	31.42	72.34	72.44	-0.102	51.49	50.15	26.338	0	0	
"2014-06-20	00:00:00"	12.54	245.3	52.44	25.45	9.12	248.9	55.6	19.49	71.54	71.6	-0.056	53.04	52.13	26.351	0.00029	0	
"2014-06-20	01:00:00"	9.14	259.2	50.52	16.51	6.174	264	55.22	13.52	70.77	69.73	1.041	58.28	62.12	26.369	0.00115	0.1	
"2014-06-20	02:00:00"	9.61	212.2	44.67	18.3	7.296	214.9	49.68	17.1	71.88	70.57	1.312	56	60.75	26.3	0	0.01	
"2014-06-20	03:00:00"	14.41	170.5	12.35	23.07	11.36	170.7	14.64	20.09	70.45	70.05	0.396	66.59	67.55	26.295	0	0	
"2014-06-20	04:00:00"	11.73	124	43.13	23.66	9.24	122.5	44.6	21.28	69.09	68.78	0.315	72.02	72.51	26.297	0	0	
"2014-06-20	05:00:00"	6.467	145.5	19.96	10.54	4.958	146	20.56	8.75	69.26	68.77	0.492	74.68	75.75	26.329	0	0	
"2014-06-20	06:00:00"	7.853	155.2	14.57	13.52	6.171	155.6	15.21	12.33	68.51	68.25	0.262	77.34	77.85	26.345	0	0	
"2014-06-20	07:00:00"	6.792	165.8	19.22	11.14	5.38	165.4	20.56	9.35	67.96	67.83	0.126	79.64	79.91	26.362	0.6863	0	
"2014-06-20	08:00:00"	9.95	153.9	15.7	18.89	7.982	154.5	16.11	16.51	67.77	67.8	-0.028	80.8	80.8	26.379	17.091	0	
"2014-06-20	09:00:00"	11.23	165.3	11.12	17.7	9.17	164.8	12.29	15.31	66.85	67.18	-0.332	81.5	81	26.394	141.76	0	
"2014-06-20	10:00:00"	10.52	169.2	10.44	15.31	8.48	169.1	12.25	13.52	67.32	67.75	-0.438	80.7	80.1	26.4	150.54	0	
"2014-06-20	11:00:00"	7.954	159.3	16.56	12.33	6.499	159.8	17.12	9.95	68.44	68.9	-0.457	77.38	76.75	26.403	203.65	0	
"2014-06-20	12:00:00"	5.614	135.8	34.56	11.74	4.784	136.7	37.48	10.54	71.25	71.9	-0.657	70.46	69.37	26.397	564.99	0	
"2014-06-20	13:00:00"	8.55	132.8	24.56	15.91	7.153	134.2	25.4	12.93	74.67	75.65	-0.985	60.84	59.02	26.386	634.52	0	
"2014-06-20	14:00:00"	11.67	141.4	18.94	19.49	9.58	143.4	19.53	17.1	77.32	78.51	-1.191	52.32	49.95	26.373	596.03	0	
"2014-06-20	15:00:00"	11.59	136.2	17.69	21.87	9.48	137.7	18.84	17.7	78.48	79.69	-1.217	48.21	45.67	26.355	492.71	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-20	16:00:00"	11.44	128.7	18.02	18.89	9.39	130.3	18.93	15.91	79.65	80.9	-1.299	46.16	43.42	26.337	638.54	0	
"2014-06-20	17:00:00"	14.09	126.2	16.07	24.86	11.33	128.6	17.06	20.09	80.5	81.8	-1.345	43.1	40.3	26.322	569.01	0	
"2014-06-20	18:00:00"	17.55	127.4	11.59	26.65	13.78	130.2	13.04	21.87	79.75	81.2	-1.449	47.32	44.12	26.315	467.55	0	
"2014-06-20	19:00:00"	16.63	137.7	13.93	24.86	13.32	139.4	14.55	20.68	79.13	80.3	-1.125	47.48	44.62	26.312	360.7	0	
"2014-06-20	20:00:00"	17.65	143.8	11.41	26.05	14.17	145.3	12.21	21.28	77.97	78.59	-0.621	50.56	48.29	26.31	165.78	0	
"2014-06-20	21:00:00"	17.96	150.2	10.71	31.42	14.45	150.3	11.48	27.84	73.24	73.61	-0.364	62.96	61.15	26.325	43.87	0	
"2014-06-20	22:00:00"	10.92	152.1	9.71	17.1	8.86	152.5	10.06	14.72	71.26	71.42	-0.162	68.4	67.08	26.336	0.7563	0	
"2014-06-20	23:00:00"	8.01	141.3	12.19	13.52	6.339	141.9	12.56	11.74	70.62	70.78	-0.153	72.33	71.26	26.341	0	0	
"2014-06-21	00:00:00"	7.015	130.5	9.97	13.52	5.477	132.5	11.11	11.14	70.89	71	-0.115	74.72	73.83	26.344	0	0	
"2014-06-21	01:00:00"	11.67	137.2	7.265	18.3	9.24	138.7	8.5	15.31	71.41	71.56	-0.146	76.18	75.12	26.337	0	0	
"2014-06-21	02:00:00"	8.88	128.1	11.5	15.91	6.871	130.1	12.96	13.52	70.04	70.05	-0.009	78.15	77.46	26.325	0	0	
"2014-06-21	03:00:00"	6.949	126	11.6	9.95	5.334	127.4	13.52	8.16	69.12	69.14	-0.019	80.4	79.77	26.31	0	0	
"2014-06-21	04:00:00"	6.108	125.9	12.01	9.35	4.447	127	13.77	7.561	67.86	67.75	0.109	82.9	82.6	26.298	0	0	
"2014-06-21	05:00:00"	5.913	110.6	8.21	8.75	4.331	109.4	10.64	6.964	66.67	66.57	0.103	85.7	85.4	26.29	0	0	
"2014-06-21	06:00:00"	6.828	106.6	7.452	11.14	5.188	105.9	9.81	9.95	66.83	66.77	0.06	84.5	84.2	26.289	0	0	
"2014-06-21	07:00:00"	5.28	101.6	10.07	8.16	4.092	101.3	11.61	6.368	66.8	66.89	-0.095	85	84.5	26.294	0.74556	0	
"2014-06-21	08:00:00"	8.9	127.1	11.63	12.93	7.038	128.6	12.92	12.33	67.6	67.78	-0.173	83.3	82.5	26.307	17.817	0	
"2014-06-21	09:00:00"	11.32	146.1	9	16.51	9.14	146.9	10.18	13.52	68.35	68.74	-0.391	82.3	80.9	26.313	99.002	0	
"2014-06-21	10:00:00"	10.84	155.4	10.37	15.91	8.98	155.6	10.96	14.72	69.1	69.6	-0.498	80.3	78.59	26.317	176.73	0	
"2014-06-21	11:00:00"	9.77	162.5	11.93	14.72	8.05	161.6	13.4	12.33	70.59	71.26	-0.674	76.19	74.16	26.317	267.75	0	
"2014-06-21	12:00:00"	7.42	151.2	19.93	12.93	6.123	152.3	20.59	11.14	72.6	73.48	-0.88	70.12	67.69	26.31	344.99	0	
"2014-06-21	13:00:00"	3.321	186.4	70.52	8.16	2.806	183.5	77.38	7.561	73.96	74.43	-0.478	67.15	65.26	26.3	477.94	0	
"2014-06-21	14:00:00"	4.618	142.5	65.98	11.14	4.096	140.2	66.63	9.95	76.48	77.4	-0.925	61.89	59.24	26.276	844.14	0	
"2014-06-21	15:00:00"	5.344	135.3	51.91	11.74	4.672	137.7	55.69	11.14	79	80.4	-1.404	56.96	53.63	26.25	956.21	0	
"2014-06-21	16:00:00"	6.002	126.4	41.09	13.52	5.143	125.2	48.35	12.33	81.3	82.5	-1.203	49.9	46.78	26.23	670.57	0	
"2014-06-21	17:00:00"	9.43	131.5	21.25	23.66	7.862	133	22.46	20.68	83.2	85	-1.79	46.3	42.53	26.209	774.28	0	
"2014-06-21	18:00:00"	14.18	135.7	13.81	29.03	11.57	137.1	14.35	26.65	83.3	85	-1.663	48.54	44.78	26.194	533.95	0	
"2014-06-21	19:00:00"	13.77	135.7	12.64	21.87	10.99	137.5	13.22	17.7	82.7	83.9	-1.228	51.2	47.96	26.185	304.16	0	
"2014-06-21	20:00:00"	12.27	135.9	10.82	20.09	9.87	138.6	11.48	16.51	82	82.6	-0.637	52.4	50.02	26.193	134.98	0	
"2014-06-21	21:00:00"	14.02	129.8	11.98	21.87	10.79	131.8	12.77	18.3	80.1	80.4	-0.303	57.5	55.62	26.195	44.473	0	
"2014-06-21	22:00:00"	12.95	152.4	9.47	19.49	10.67	152	9.64	16.51	78.22	78.3	-0.081	59.76	58.28	26.203	1.7269	0	
"2014-06-21	23:00:00"	11.83	146.7	9.23	18.3	9.55	147.1	10.14	15.31	76.53	76.54	-0.014	63.84	62.59	26.226	0	0	
"2014-06-22	00:00:00"	11.52	140.4	9.8	18.3	9.05	141.3	10.44	14.72	74.54	74.52	0.023	69.54	68.49	26.24	0	0	
"2014-06-22	01:00:00"	11.06	156.9	11.61	17.1	8.92	157.2	12.42	14.72	72.53	72.58	-0.05	76.5	75.46	26.236	0	0	
"2014-06-22	02:00:00"	8.91	171	9.68	12.93	7.047	170.9	11.1	10.54	70.55	70.58	-0.029	80.3	79.46	26.224	0	0	
"2014-06-22	03:00:00"	9.79	183	8.78	13.52	7.669	184.6	12.67	12.33	69.41	69.42	-0.008	83.8	83	26.215	0	0	
"2014-06-22	04:00:00"	7.793	180.2	8.26	11.74	6.163	180.6	11.31	10.54	68.24	68.23	0.007	86.7	86.1	26.198	0	0	
"2014-06-22	05:00:00"	7.439	165.8	16.47	11.74	5.887	166.7	19.96	9.35	67.21	67.18	0.025	88.7	88.1	26.183	0	0	
"2014-06-22	06:00:00"	4.707	119.9	20.87	6.368	3.246	114.4	25.16	5.175	66.15	65.88	0.268	89.6	89.1	26.192	0.14924	0	
"2014-06-22	07:00:00"	3.067	60.23	33.4	5.771	2.224	32.81	41.41	3.982	65.23	64.32	0.905	90.3	90.1	26.211	3.5658	0	
"2014-06-22	08:00:00"	3.504	85.3	17.86	5.771	2.633	77.76	24.91	4.578	65.51	65.38	0.132	90.9	90.6	26.217	86.343	0	
"2014-06-22	09:00:00"	6.814	131.4	10.38	9.95	5.615	134.2	12.03	9.35	67.71	68.26	-0.55	88.6	86.6	26.221	252.16	0	
"2014-06-22	10:00:00"	6.873	149	16.37	10.54	5.836	150.4	17.87	9.95	71.49	72.24	-0.75	79.07	76.67	26.217	471.08	0	
"2014-06-22	11:00:00"	5.156	129	26.22	8.75	4.436	132.1	27.38	8.16	76.55	77.32	-0.776	67.77	65.37	26.205	663	0	
"2014-06-22	12:00:00"	8.06	132	20.09	14.12	6.703	134.7	21.18	12.33	81.7	83.1	-1.358	54.23	50.98	26.197	815.37	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-22	13:00:00"	6.078	191.2	42.03	14.12	5.206	195.5	45.93	12.93	85.4	86.7	-1.274	43.46	40.64	26.187	924.62	0
"2014-06-22	14:00:00"	6.799	175.7	34.87	14.12	5.776	177	35.54	11.74	88.1	89.6	-1.456	38.66	36.04	26.169	972.87	0
"2014-06-22	15:00:00"	6.645	222.6	36.11	12.33	5.72	223.9	40.29	11.14	90.7	92.1	-1.407	33.82	31.36	26.149	949.68	0
"2014-06-22	16:00:00"	6.698	223.2	32.95	12.93	5.651	226	39.24	11.14	92.4	93.6	-1.135	30.95	28.74	26.13	734.74	0
"2014-06-22	17:00:00"	7.373	234.2	33.24	15.91	6.077	241.3	35.83	15.91	93	93.9	-0.975	29.97	27.91	26.122	590.45	0
"2014-06-22	18:00:00"	6.306	224.8	34.33	12.33	5.311	229	39.45	11.74	93.9	94.9	-1.008	28.03	25.98	26.103	646.2	0
"2014-06-22	19:00:00"	6.287	225.5	25.16	11.14	5.222	229.9	29.22	11.14	94.2	94.6	-0.407	27.78	26.06	26.095	226.54	0
"2014-06-22	20:00:00"	15.79	119.5	34.33	29.63	12.56	122.1	35.13	24.86	92.3	93	-0.674	33.76	31.66	26.093	280.12	0
"2014-06-22	21:00:00"	21.39	121.8	8.87	33.21	16.45	125	11.11	27.84	86.1	86.5	-0.396	44.1	42.03	26.124	83	0
"2014-06-22	22:00:00"	14.3	116	19.93	27.24	10.64	117.7	20.86	20.68	79.41	78.8	0.615	60.7	62.49	26.146	0.77714	0.01
"2014-06-22	23:00:00"	13.67	165.1	13.43	19.49	10.7	164.8	14.43	15.91	79.77	79.35	0.421	63.51	63.6	26.138	0	0
"2014-06-23	00:00:00"	20.15	178.1	6.115	30.82	15.72	177.6	9.66	26.65	79.51	79.21	0.306	63.8	63.35	26.134	0	0
"2014-06-23	01:00:00"	17.08	180.4	7.081	26.05	13.36	180.4	10.38	20.09	76.6	76.49	0.107	71.25	70.5	26.126	0	0
"2014-06-23	02:00:00"	12.69	179.2	7.382	19.49	9.85	178.7	10.72	15.31	74.86	74.8	0.059	76.38	75.62	26.129	0	0
"2014-06-23	03:00:00"	11.31	243.8	72.05	28.43	8.27	248.1	72.55	23.07	74.49	74.46	0.034	77.99	77.16	26.165	0	0
"2014-06-23	04:00:00"	5.42	59.9	50.29	12.93	3.697	63.81	52.68	9.95	75.35	74.5	0.857	75.47	76.78	26.169	0	0
"2014-06-23	05:00:00"	8.49	98.9	15.83	12.33	6.072	101.1	19.45	10.54	73.38	72.99	0.392	80.1	80.2	26.158	0	0
"2014-06-23	06:00:00"	11.95	87.1	17.7	24.86	9.16	89.9	18.76	19.49	72.05	71.82	0.237	78.14	77.85	26.168	0	0
"2014-06-23	07:00:00"	17.48	65.28	12.5	27.84	13.75	67.24	13.41	22.47	69.5	69.33	0.163	70.32	69.54	26.202	0.77673	0
"2014-06-23	08:00:00"	16.28	70.99	13.23	26.05	12.69	72.93	14.25	20.68	67.61	67.71	-0.094	72.91	71.78	26.237	50.485	0
"2014-06-23	09:00:00"	13.39	69.01	9.15	20.68	10.65	71.05	10.94	17.1	68.1	68.64	-0.542	72	70.08	26.278	214.56	0
"2014-06-23	10:00:00"	12.35	84.7	18.08	17.7	9.91	86.2	20.27	15.31	69.93	71.02	-1.092	69.17	66.24	26.292	411.56	0
"2014-06-23	11:00:00"	12.64	120.8	13.47	20.09	10.28	123.6	15.4	17.1	72.24	73.7	-1.462	69.67	65.93	26.304	567.27	0
"2014-06-23	12:00:00"	12.25	145.9	16.18	20.09	10.17	146.8	16.7	15.91	75.52	77.35	-1.839	66.23	61.8	26.294	810.83	0
"2014-06-23	13:00:00"	10.02	128.2	30.54	17.1	8.37	130	31.01	16.51	79.36	81.2	-1.841	59.22	54.88	26.299	820.28	0
"2014-06-23	14:00:00"	8.91	104	27.13	19.49	7.47	106.8	29.24	17.1	81.5	83.3	-1.839	53.83	49.67	26.291	933.43	0
"2014-06-23	15:00:00"	8.67	107.6	29.29	18.3	7.36	109.7	32.1	15.91	83.3	85.1	-1.839	48.45	44.35	26.271	905.33	0
"2014-06-23	16:00:00"	7.56	106.4	34.96	14.72	6.441	108.7	38.84	14.72	84.8	86.5	-1.754	45.88	41.98	26.259	821.38	0
"2014-06-23	17:00:00"	8.13	120.1	37.88	16.51	6.802	119.5	37.32	14.12	86.3	88	-1.697	42.31	38.74	26.242	771.76	0
"2014-06-23	18:00:00"	10.72	115	26.68	20.68	8.95	117.1	27.87	15.91	87	88.7	-1.705	41.9	38.37	26.226	581.48	0
"2014-06-23	19:00:00"	12.31	115.1	16.46	18.89	10	117.6	18.2	16.51	86.5	87.9	-1.395	41.95	38.73	26.222	385.34	0
"2014-06-23	20:00:00"	13.12	118.8	9.48	18.89	10.4	122	11.81	15.31	85.5	86.2	-0.705	43.48	40.86	26.223	141.81	0
"2014-06-23	21:00:00"	13.12	117	8.9	20.09	10.22	120.1	11.6	17.1	83.8	84.1	-0.257	47.33	45.27	26.24	40.291	0
"2014-06-23	22:00:00"	10.98	124.4	8.87	15.31	8.33	127.1	10.31	12.33	81.6	81.6	0.043	52.54	51.03	26.264	0.21565	0
"2014-06-23	23:00:00"	14.22	137.1	7.736	21.87	11.18	138.3	8.5	19.49	80.6	80.6	-0.003	56.2	54.7	26.299	0	0
"2014-06-24	00:00:00"	12.1	126.8	8.29	22.47	9.25	129.4	10.05	16.51	79.58	79.63	-0.055	59.22	57.72	26.338	0	0
"2014-06-24	01:00:00"	18.37	257.6	73.66	36.19	12.24	263.4	75.4	30.82	72.75	72.69	0.06	62.45	62.06	26.358	0.01734	0.39
"2014-06-24	02:00:00"	10.02	284.6	90.5	31.42	7.311	299.7	89.3	27.24	72.69	70.19	2.504	52.46	62.62	26.349	0.04897	0.05
"2014-06-24	03:00:00"	15.65	92	58.53	31.42	11.44	95.7	58.1	24.86	74.54	72.67	1.87	46.68	53.14	26.303	0	0.01
"2014-06-24	04:00:00"	9.74	79.28	27.69	13.52	7.37	81.5	28.43	11.74	70.26	69.56	0.7	61.12	63.17	26.306	0	0
"2014-06-24	05:00:00"	7.377	143.4	27.42	14.72	5.572	142.1	29.08	12.33	68.78	68.31	0.464	68.38	70.15	26.312	0	0
"2014-06-24	06:00:00"	5.649	236.9	52.91	9.95	4.372	236.8	56.49	8.16	68.06	67.73	0.332	73.23	74.06	26.324	0	0
"2014-06-24	07:00:00"	5.092	346.1	28.32	8.75	2.916	358.1	41.96	5.175	67.02	65.47	1.548	75.47	81.9	26.349	1.2307	0
"2014-06-24	08:00:00"	3.781	8.64	54.52	6.964	2.266	16.78	54.62	4.578	68.05	65.98	2.075	69.8	79.9	26.346	36.813	0
"2014-06-24	09:00:00"	2.522	246	77.19	8.16	1.82	319.5	77.38	4.578	69.83	69.57	0.26	65.25	68.62	26.331	258.06	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-24	10:00:00"	5.811	169.1	43.12	14.72	4.861	167.4	48.44	12.33	73.38	73.77	-0.383	56.8	56.91	26.348	490.75	0
"2014-06-24	11:00:00"	9.03	171.4	17.1	15.31	7.434	171.2	19.09	12.93	74.31	75.1	-0.791	58.03	57.85	26.384	620.79	0
"2014-06-24	12:00:00"	13.3	152.4	13.57	20.09	10.9	153.1	13.79	18.89	75.58	76.67	-1.086	59.87	58.75	26.385	772.31	0
"2014-06-24	13:00:00"	13.08	157.1	14.88	20.68	10.81	156.9	15.93	18.89	78.31	79.65	-1.337	51.66	49.71	26.376	917.44	0
"2014-06-24	14:00:00"	11.13	162.3	18.59	18.89	9.16	162.4	19.85	15.91	80.3	81.9	-1.571	46.88	44.36	26.363	966.48	0
"2014-06-24	15:00:00"	10.9	151.3	20.19	18.89	9.03	152.4	20.54	16.51	82.5	84.2	-1.689	41.49	38.91	26.339	941.12	0
"2014-06-24	16:00:00"	12.76	160.9	19.6	20.68	10.57	162	21.25	17.7	83.7	85.5	-1.837	39.02	36.5	26.316	908.55	0
"2014-06-24	17:00:00"	10.82	165.2	20.07	17.7	8.84	166.1	22.78	15.91	84.7	86.3	-1.671	36.41	34.08	26.3	804.24	0
"2014-06-24	18:00:00"	9.72	172	12.55	17.1	8.02	171.7	15.78	14.72	85.3	86.6	-1.262	33.51	31.55	26.275	555.5	0
"2014-06-24	19:00:00"	9.22	155.5	12.74	15.91	7.591	156	13.84	14.12	85.5	86.2	-0.684	32.75	31.14	26.265	228.08	0
"2014-06-24	20:00:00"	11.04	145.7	8.95	16.51	8.93	146.9	9.82	14.72	85	85.3	-0.365	33.59	32.24	26.249	126.95	0
"2014-06-24	21:00:00"	12.91	146.2	8.95	24.26	10.28	146.9	9.36	18.89	83.8	83.9	-0.117	35.26	34.01	26.255	67.913	0
"2014-06-24	22:00:00"	15.56	140.5	7.288	23.66	12.26	141.6	8.07	19.49	80.2	80.2	0.033	46.34	45.02	26.27	3.3373	0
"2014-06-24	23:00:00"	14.24	142	7.378	21.87	11.23	142.9	8.26	20.09	77.5	77.45	0.044	59.68	58.59	26.284	0	0
"2014-06-25	00:00:00"	12.63	144.5	7.96	17.7	10.03	145	8.61	14.72	75.09	75.03	0.059	64.59	63.7	26.294	0	0
"2014-06-25	01:00:00"	12.67	148.3	8.48	19.49	10.09	148.5	9.08	15.91	73.55	73.51	0.039	68.56	67.67	26.297	0	0
"2014-06-25	02:00:00"	13.87	145.3	8.17	21.28	11.06	146.3	9.13	17.7	72.17	72.15	0.021	75.03	74.21	26.302	0	0
"2014-06-25	03:00:00"	12.95	151.9	9.21	20.68	10.46	151.9	9.54	16.51	70.79	70.8	-0.01	79.09	78.28	26.296	0	0
"2014-06-25	04:00:00"	9.92	147.4	10.53	14.72	7.894	147.4	10.82	12.93	69.42	69.4	0.024	81.2	80.6	26.289	0	0
"2014-06-25	05:00:00"	10.4	138.7	8.86	15.31	8.07	140.1	9.84	12.93	68.42	68.37	0.052	83.4	82.9	26.288	0	0
"2014-06-25	06:00:00"	9.89	100.5	18.77	13.52	7.49	101.7	20.03	11.14	66.71	66.68	0.027	85.5	85	26.293	0	0
"2014-06-25	07:00:00"	11.28	90.8	9.86	15.91	8.82	92.5	11.12	13.52	65.72	65.79	-0.067	86.9	86.2	26.303	1.937	0
"2014-06-25	08:00:00"	11.2	113.4	13.92	15.91	8.86	115.7	15.48	13.52	66.64	66.88	-0.24	86.6	85.5	26.319	31.692	0
"2014-06-25	09:00:00"	14.57	134.7	8.35	21.87	11.45	136.4	9.44	18.3	67.78	68.16	-0.385	85.4	83.9	26.32	82.564	0
"2014-06-25	10:00:00"	12.21	139.5	14.01	18.89	9.84	141.4	14.54	15.91	69.9	70.68	-0.788	80.7	78.42	26.328	289.6	0
"2014-06-25	11:00:00"	11.53	51.93	26.18	23.66	9.6	53.95	27.41	21.28	71.01	71.59	-0.588	78.22	76.31	26.36	169.8	0
"2014-06-25	12:00:00"	20.3	72.65	15.92	33.21	16.13	75.68	16.82	26.05	70.72	71.26	-0.538	78.32	76.34	26.363	193.33	0
"2014-06-25	13:00:00"	16.96	78.12	19.17	31.42	13.24	80	20.05	26.05	69.65	69.8	-0.153	79.15	78.77	26.368	78.508	0
"2014-06-25	14:00:00"	14.86	125.7	49.08	24.86	11.49	127.8	49.28	19.49	68.92	68.92	0	83.4	83.8	26.345	115.83	0.14
"2014-06-25	15:00:00"	17.78	134	12.1	26.65	14.16	135.9	13.09	22.47	74.71	75.69	-0.98	70.16	69.69	26.304	891.2	0
"2014-06-25	16:00:00"	17.73	132.2	10.77	25.45	14.23	134.2	12.2	21.87	80.8	82.1	-1.345	48.55	46.5	26.265	924.1	0
"2014-06-25	17:00:00"	12.43	158.3	14.89	19.49	10.08	157.7	15.3	17.1	84.7	85.5	-0.827	36.35	34.86	26.247	506.45	0
"2014-06-25	18:00:00"	16.47	176	10.33	26.05	13.09	175.1	12.9	23.07	84	84.6	-0.577	38.42	36.86	26.243	313.3	0
"2014-06-25	19:00:00"	19.08	195	11.74	29.63	15.01	196.9	14.18	24.26	80.7	81.1	-0.408	54.13	52.27	26.249	208.7	0
"2014-06-25	20:00:00"	16.72	200.5	12.76	24.86	13.27	202.6	14.34	21.87	78.86	79.22	-0.365	58	56.22	26.238	231.44	0
"2014-06-25	21:00:00"	11.4	186.1	18.32	20.68	9.13	186.5	20.25	17.1	76.43	76.53	-0.102	65.16	63.96	26.24	52.66	0
"2014-06-25	22:00:00"	6.874	117.8	17.4	9.35	4.677	116.1	19.99	7.561	73.69	73.26	0.431	71.55	71.84	26.241	1.6766	0
"2014-06-25	23:00:00"	6.421	113.7	15.88	12.33	4.086	114.8	20.66	8.75	71.78	71.08	0.698	76.3	77.33	26.256	0	0
"2014-06-26	00:00:00"	7.635	126.9	7.218	12.33	5.221	127.9	9.58	8.75	71.44	70.88	0.56	77.62	78.3	26.278	0	0
"2014-06-26	01:00:00"	9.3	140.9	9.07	12.33	7.052	142.5	9.39	10.54	71.22	70.88	0.334	79.03	79.14	26.284	0	0
"2014-06-26	02:00:00"	7.633	157.2	10.25	10.54	5.94	156.9	11.1	9.35	70.54	70.23	0.309	80.5	80.5	26.271	0	0
"2014-06-26	03:00:00"	8.89	177	12.66	15.31	6.702	178.8	16.32	11.74	70.75	70.33	0.414	79.56	79.78	26.257	0	0
"2014-06-26	04:00:00"	8.85	188.3	8.4	15.31	6.682	191.1	12.58	12.93	70.64	70.26	0.381	79.95	80.1	26.246	0	0
"2014-06-26	05:00:00"	8.06	176.6	7.881	13.52	6.062	175.9	10.47	11.14	69.33	68.93	0.399	83.1	83.3	26.235	0	0
"2014-06-26	06:00:00"	10.02	180.9	8.91	16.51	7.651	182.1	13.29	11.74	68.27	68.03	0.238	85.8	85.8	26.227	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-26	07:00:00"	6.649	145.1	26.94	10.54	4.715	143	28.29	8.16	66.64	66.3	0.339	88.7	88.7	26.23	0.93055	0
"2014-06-26	08:00:00"	8.22	128.9	11.06	12.33	6.316	130.9	12.39	9.35	65.91	65.94	-0.031	90.9	90.7	26.242	18.897	0
"2014-06-26	09:00:00"	9.85	154.1	11.64	16.51	8.02	154.8	12.6	13.52	67.34	67.61	-0.271	91.8	91.2	26.249	154.07	0
"2014-06-26	10:00:00"	10.49	173.5	11.48	14.72	8.44	175	13.51	12.93	72.18	72.77	-0.585	79.16	76.96	26.248	390.75	0
"2014-06-26	11:00:00"	9.05	174.6	17.15	14.12	7.487	176.1	20.68	12.93	76.77	77.98	-1.209	63.54	60.78	26.237	725.99	0
"2014-06-26	12:00:00"	10.55	186.8	16.44	19.49	8.61	187.4	19.23	16.51	80.9	82.4	-1.509	48.87	45.82	26.227	809.09	0
"2014-06-26	13:00:00"	14.27	189.2	13.69	22.47	11.51	190	16.16	18.89	84.1	85.9	-1.78	39.74	36.87	26.214	914.78	0
"2014-06-26	14:00:00"	11.77	183.9	15.18	19.49	9.64	184.8	19.03	17.7	85.8	87.7	-1.972	39.67	36.69	26.199	962.3	0
"2014-06-26	15:00:00"	13.89	180.6	14.04	24.86	11.28	180.4	17.19	18.89	88.1	90.2	-2.07	39.23	36.08	26.174	933.58	0
"2014-06-26	16:00:00"	13.07	179.8	15.99	23.07	10.58	180.5	19.91	18.89	89.6	91.6	-2.059	36.8	33.78	26.15	902.86	0
"2014-06-26	17:00:00"	11.24	170.9	16.04	21.28	9.24	170.8	19.78	17.7	90.8	92.6	-1.741	34.19	31.45	26.122	796.55	0
"2014-06-26	18:00:00"	11.8	166.2	19.2	20.09	9.71	166.4	20.24	20.09	91.9	93.4	-1.49	32.97	30.44	26.107	635.41	0
"2014-06-26	19:00:00"	13.9	160.8	15.17	20.68	11.28	160.6	16.45	18.3	92.2	93.3	-1.13	32.11	29.83	26.085	436.33	0
"2014-06-26	20:00:00"	18.18	163.9	10.93	27.84	14.59	163.4	12.18	23.66	90.7	91.2	-0.552	35.4	33.48	26.077	229.48	0
"2014-06-26	21:00:00"	18.8	163.8	10.56	29.03	15.11	163.1	12.03	25.45	86.9	87	-0.124	43.17	41.38	26.087	58.927	0
"2014-06-26	22:00:00"	16.74	162	9.98	26.65	13.5	161.7	11.02	23.66	84.5	84.4	0.095	46.67	45.15	26.095	0.53546	0
"2014-06-26	23:00:00"	19.49	167	9.11	30.22	15.32	166.8	10.85	24.86	81.5	81.4	0.102	52.02	50.68	26.115	0	0
"2014-06-27	00:00:00"	18.27	164.8	9.55	31.42	14.49	163.9	11.14	29.03	78.47	78.42	0.049	57.36	56.04	26.128	0	0
"2014-06-27	01:00:00"	18.06	167.5	8.85	26.05	14.22	167.3	10.84	23.66	76.3	76.25	0.054	62.22	61.04	26.128	0	0
"2014-06-27	02:00:00"	18.45	173.2	7.409	26.65	14.45	172.9	9.84	22.47	74.82	74.75	0.069	66.12	65.06	26.126	0	0
"2014-06-27	03:00:00"	18.27	169.7	8.52	29.03	14.5	169.7	10.32	22.47	73.67	73.6	0.07	69.09	68.1	26.111	0	0
"2014-06-27	04:00:00"	19.27	173.4	7.248	28.43	15.14	173.1	9.6	24.26	72.88	72.79	0.091	70.6	69.69	26.098	0	0
"2014-06-27	05:00:00"	17.42	177.4	7.281	28.43	13.64	177.1	10.41	22.47	72.13	72.03	0.093	73.99	73.15	26.089	0	0
"2014-06-27	06:00:00"	16.33	179.8	7.139	22.47	12.64	180.8	10.72	20.09	71.64	71.52	0.123	75.7	74.98	26.086	0	0
"2014-06-27	07:00:00"	11.82	187.9	8.73	19.49	9.25	190.6	12.67	15.31	70.9	70.75	0.154	76.84	76.21	26.088	3.046	0
"2014-06-27	08:00:00"	12.64	190	8.28	21.87	9.81	193.6	12.53	18.3	71.02	71.06	-0.041	76.65	75.69	26.088	109.31	0
"2014-06-27	09:00:00"	14.93	186.4	8.83	21.87	11.62	188.2	12.87	17.7	73.69	73.98	-0.287	69.89	68.34	26.094	218.16	0
"2014-06-27	10:00:00"	15.24	196	10.03	20.68	12.01	199.2	12.73	17.7	76.97	77.77	-0.796	61.93	59.44	26.095	457.3	0
"2014-06-27	11:00:00"	14.17	207.6	12.97	21.28	11.58	207.4	14.83	18.89	80.8	81.3	-0.582	52.4	50.08	26.094	425.04	0
"2014-06-27	12:00:00"	13.34	207.2	14.05	22.47	10.98	208.1	15.93	18.3	84	84.5	-0.554	43.62	41.4	26.092	473.62	0
"2014-06-27	13:00:00"	14.3	209.6	17.73	21.87	11.78	209.8	19.67	18.89	89.9	91.1	-1.178	32.25	29.91	26.084	879.2	0
"2014-06-27	14:00:00"	14.37	232.7	16.38	23.07	11.94	235.3	20.12	21.87	94	95.3	-1.212	21.75	19.53	26.067	941.75	0
"2014-06-27	15:00:00"	14.13	237.3	17.8	26.65	11.37	240	21.63	24.26	96.5	98	-1.465	19.41	17.17	26.049	959.45	0
"2014-06-27	16:00:00"	18.13	245.6	18.34	33.8	14.44	250.4	22.89	26.05	98.2	99.6	-1.444	17.99	15.74	26.024	864.77	0
"2014-06-27	17:00:00"	19.06	238.5	16.5	38.57	15.4	241.9	20.42	29.03	99.4	100.6	-1.186	17.63	15.43	26	813.46	0
"2014-06-27	18:00:00"	20.83	239.5	13.55	35	16.81	243.3	16.62	30.22	99.5	100.3	-0.863	16.19	14.1	25.981	654.23	0
"2014-06-27	19:00:00"	19.13	244.4	13.39	32.01	15.34	248.3	16.84	24.86	99.4	100	-0.532	13.43	11.52	25.97	456.24	0
"2014-06-27	20:00:00"	16.71	234.7	14.52	27.84	13.61	236.5	17.13	23.66	98.7	98.7	-0.076	12.8	10.98	25.967	238.19	0
"2014-06-27	21:00:00"	20.52	176	15.69	32.01	16.27	175.9	17.1	27.84	89.5	89.6	-0.129	41.3	39.36	25.983	62.472	0
"2014-06-27	22:00:00"	20.43	173.5	7.198	28.43	15.98	172.9	9.95	23.66	84.2	84.1	0.066	52.19	50.67	26.005	0.71686	0
"2014-06-27	23:00:00"	19.2	171.3	7.417	29.03	15.11	171.4	9.81	23.66	80.4	80.4	0.024	61.39	60.02	26.03	0	0
"2014-06-28	00:00:00"	20.72	173.8	7.164	29.03	16.18	174.1	10.01	23.66	78.05	78.01	0.04	66.42	65.21	26.052	0	0
"2014-06-28	01:00:00"	22.22	175.3	6.567	30.82	17.52	174.7	9.75	26.65	76.32	76.29	0.027	71.51	70.42	26.071	0	0
"2014-06-28	02:00:00"	19.22	175.9	7.282	29.63	15.01	175.4	10.09	23.66	75.11	75.06	0.044	72.99	71.96	26.08	0	0
"2014-06-28	03:00:00"	17.87	175.6	7.098	26.65	13.97	175	9.68	22.47	74.48	74.38	0.102	71.79	70.88	26.075	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-28	04:00:00"	18.49	177.2	6.936	27.84	14.35	176.9	10.42	21.87	73.83	73.7	0.123	72.72	71.88	26.068	0	0
"2014-06-28	05:00:00"	16.46	180.3	7.173	24.26	12.86	180.8	10.88	20.68	73.01	72.87	0.14	74.08	73.32	26.06	0	0
"2014-06-28	06:00:00"	13.06	188.4	9.2	20.68	10.13	192	13.52	16.51	72.05	71.88	0.169	75.69	75.01	26.063	0	0
"2014-06-28	07:00:00"	12.55	192.7	7.943	21.28	9.73	198.2	11.36	15.91	71.23	71.04	0.193	77.31	76.73	26.075	1.9589	0
"2014-06-28	08:00:00"	10.63	197.3	8.15	15.91	8.27	201	10.38	12.93	70.82	70.81	0.011	78.36	77.49	26.085	84.222	0
"2014-06-28	09:00:00"	11.96	197.1	9.4	17.1	9.51	199.4	11.99	14.12	73.8	74.19	-0.396	70.69	68.95	26.102	271.49	0
"2014-06-28	10:00:00"	11.14	200.7	12.97	16.51	9.05	203	14.91	14.72	77.61	78.4	-0.787	58.26	55.82	26.12	475.68	0
"2014-06-28	11:00:00"	8.3	213.2	17.12	14.12	6.894	217	20.62	11.74	82.4	83.4	-0.929	43.32	40.85	26.124	669.64	0
"2014-06-28	12:00:00"	4.997	269.2	43.33	12.33	4.028	274	45.25	10.54	86.2	87.4	-1.227	33.87	31.57	26.129	827.97	0
"2014-06-28	13:00:00"	5.822	228.1	57	12.33	4.892	231.4	60.63	10.54	88.9	90.3	-1.46	30.81	28.36	26.13	935.32	0
"2014-06-28	14:00:00"	5.422	206.7	52.06	11.74	4.694	215.3	55.08	11.74	91.8	93.2	-1.356	26.99	24.63	26.127	985.1	0
"2014-06-28	15:00:00"	6.663	239.9	43.15	12.33	5.565	242.2	46.35	11.74	94.5	96.1	-1.575	21.67	19.3	26.116	963.42	0
"2014-06-28	16:00:00"	6.832	226.1	43.63	17.7	5.742	232	45.72	14.72	96.5	97.9	-1.417	17.55	15.37	26.104	932.16	0
"2014-06-28	17:00:00"	9.56	243.5	32.39	18.89	7.674	246.2	35.75	16.51	97.8	99.2	-1.466	14.33	12.21	26.095	823.55	0
"2014-06-28	18:00:00"	10.12	251.1	18.38	18.89	8.17	257	22.06	17.1	98.3	99.5	-1.273	14.46	12.4	26.088	652.18	0
"2014-06-28	19:00:00"	8.38	250.9	39.97	18.89	6.803	254.7	40.78	16.51	98.4	99.2	-0.787	14.33	12.39	26.074	454.96	0
"2014-06-28	20:00:00"	7.319	267.4	24.49	15.31	5.522	274.1	27.1	12.93	98.4	98.9	-0.431	13.99	12.27	26.075	245.78	0
"2014-06-28	21:00:00"	3.729	249.6	20.61	6.368	2.754	263.3	23.69	6.368	97.6	96.9	0.713	14.63	13.46	26.088	63.221	0
"2014-06-28	22:00:00"	5.363	132.1	76.82	24.26	4.88	73.2	61.78	20.68	93.7	89.5	4.204	21.88	25.73	26.108	0.71634	0
"2014-06-28	23:00:00"	16.83	162.2	10.06	27.24	13.49	160.7	11.16	21.28	84.6	84.6	0.024	52.83	51.21	26.139	0	0
"2014-06-29	00:00:00"	16.26	167.9	9.12	26.65	12.82	167.5	11.19	21.28	81.1	81.1	0.013	59.5	58.04	26.167	0	0
"2014-06-29	01:00:00"	16.65	172.8	7.192	24.86	13.1	172.2	9.77	20.68	79.01	78.99	0.021	64.88	63.57	26.179	0	0
"2014-06-29	02:00:00"	16.98	174.4	7.088	25.45	13.37	174	10.18	20.09	77.34	77.32	0.021	68.72	67.51	26.185	0	0
"2014-06-29	03:00:00"	15.24	173.3	7.374	22.47	11.87	172.9	9.83	17.1	76.14	76.07	0.062	69.51	68.43	26.184	0	0
"2014-06-29	04:00:00"	15.24	173.6	7.451	21.87	11.86	173.7	10.59	18.89	75.68	75.54	0.136	68.35	67.4	26.177	0	0
"2014-06-29	05:00:00"	15.72	174.5	6.966	23.66	12.28	174.3	9.85	18.89	75.65	75.45	0.205	65.67	64.82	26.183	0	0
"2014-06-29	06:00:00"	16.53	177.2	6.745	24.26	12.85	176.9	9.9	20.09	75.37	75.15	0.218	65.01	64.15	26.188	0	0
"2014-06-29	07:00:00"	13.9	176.8	6.863	22.47	10.77	176.3	9.87	18.89	74.63	74.4	0.231	69.03	68.3	26.2	2.0075	0
"2014-06-29	08:00:00"	11.53	176.8	7.194	18.89	8.97	176.4	10.12	15.31	73.9	73.85	0.049	71.74	70.79	26.214	81.171	0
"2014-06-29	09:00:00"	15.62	181	7.649	22.47	12.47	180.6	10.85	18.89	75.68	76.1	-0.414	69.13	67.23	26.224	266.3	0
"2014-06-29	10:00:00"	16.25	182.6	8.93	23.07	12.8	183.1	13.06	18.89	78.89	79.86	-0.974	62.38	59.49	26.231	470.2	0
"2014-06-29	11:00:00"	14.31	186.5	11.41	21.28	11.41	187.4	15.14	18.3	82.4	83.8	-1.435	54.48	50.92	26.228	663.49	0
"2014-06-29	12:00:00"	11.7	199.8	16.13	18.89	9.58	200.7	17.59	17.1	87.1	88.6	-1.476	42.99	39.77	26.227	824	0
"2014-06-29	13:00:00"	10.09	205.2	19.56	16.51	8.44	208.2	24.38	15.91	91.5	93.1	-1.58	34	31.26	26.226	932.42	0
"2014-06-29	14:00:00"	9.9	195.9	17.79	16.51	8.16	198.3	22.16	14.72	95	96.9	-1.903	29	26.19	26.215	980.44	0
"2014-06-29	15:00:00"	9.18	204.7	25.7	17.7	7.905	206.1	30.39	15.31	97.9	99.5	-1.591	22.75	20.21	26.198	956.85	0
"2014-06-29	16:00:00"	8.61	190	41.12	18.89	7.16	188	43.21	16.51	99.5	101.2	-1.664	19.36	16.91	26.179	922.37	0
"2014-06-29	17:00:00"	10.96	172.3	26.27	21.87	9.08	173.9	29.03	18.3	100.7	102.3	-1.581	17.41	15.05	26.162	828.74	0
"2014-06-29	18:00:00"	11.41	156.9	30.14	23.66	9.43	157.6	30.61	20.09	100.8	102.2	-1.378	17.14	14.84	26.151	652.73	0
"2014-06-29	19:00:00"	15.85	158.1	19.12	27.84	12.86	159	20.12	24.26	99.7	100.7	-1.064	22.38	20.04	26.136	438.63	0
"2014-06-29	20:00:00"	21.71	163.3	10.56	33.21	17.48	162.8	11.55	28.43	95.6	96.2	-0.531	31.97	29.88	26.141	226.75	0
"2014-06-29	21:00:00"	20.96	160.7	10.01	31.42	17.05	160.5	11.28	27.84	90.3	90.5	-0.184	39.61	37.75	26.164	56.544	0
"2014-06-29	22:00:00"	19.65	162.9	9.75	29.03	15.87	162.2	10.84	26.05	86.1	86.1	-0.029	46.39	44.57	26.182	0.63937	0
"2014-06-29	23:00:00"	17.45	159.9	9.48	27.84	14.1	158.7	10.5	23.66	82.8	82.9	-0.035	52.59	50.91	26.205	0	0
"2014-06-30	00:00:00"	17.31	162.1	9.73	26.65	13.85	161.6	11.17	23.07	80.3	80.4	-0.019	56.78	55.21	26.221	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-30	01:00:00"	16.05	167.3	9.19	23.07	12.82	167.2	10.88	21.28	78.87	78.83	0.039	56.64	55.2	26.223	0	0
"2014-06-30	02:00:00"	18.14	172.1	7.162	27.84	14.15	172	9.43	24.26	78.11	78.01	0.099	56.59	55.26	26.213	0	0
"2014-06-30	03:00:00"	17.3	173.7	7.066	23.07	13.53	173	9.91	20.09	77.71	77.56	0.155	56.57	55.35	26.204	0	0
"2014-06-30	04:00:00"	17.11	176.9	6.528	23.66	13.2	176.2	9.42	19.49	77.35	77.16	0.193	56.6	55.44	26.199	0	0
"2014-06-30	05:00:00"	17.05	175.9	6.584	23.66	13.34	175.7	9.48	20.68	76.92	76.72	0.2	57.28	56.17	26.195	0	0
"2014-06-30	06:00:00"	16.33	173.8	7.047	24.26	12.73	173.1	9.73	21.28	75.9	75.72	0.176	59.64	58.58	26.193	0	0
"2014-06-30	07:00:00"	16.3	173.3	6.922	23.66	12.59	172.9	9.49	20.09	74.29	74.18	0.107	66.86	65.82	26.195	2.256	0
"2014-06-30	08:00:00"	16.95	173	7.045	23.07	13.37	172.6	9.95	20.68	73.75	73.82	-0.075	71.67	70.41	26.2	80.203	0
"2014-06-30	09:00:00"	18.93	175	6.869	26.05	14.86	174.4	9.42	21.87	74.87	75.36	-0.488	70.82	68.75	26.215	251.05	0
"2014-06-30	10:00:00"	18.87	177.1	8.2	26.05	14.88	177	11.49	21.87	77.64	78.58	-0.942	64.67	61.74	26.215	458.31	0
"2014-06-30	11:00:00"	17.97	178	8.76	24.86	14.3	178.1	12.26	21.28	80.9	82.4	-1.486	57.79	54.01	26.206	652.54	0
"2014-06-30	12:00:00"	16.84	181.6	10.01	24.26	13.42	182	13.41	20.68	84.2	86.2	-1.964	51.02	46.68	26.196	810.76	0
"2014-06-30	13:00:00"	15.64	186.3	12.42	26.05	12.67	187.2	16.25	21.87	87.9	90	-2.153	44.46	40.18	26.18	920.47	0
"2014-06-30	14:00:00"	16.36	178.9	11.79	24.26	13.1	178.5	15.79	20.09	91.4	93.8	-2.429	38.73	35.02	26.16	971.32	0
"2014-06-30	15:00:00"	13.81	179.8	13.28	22.47	11.18	180	17.06	21.28	94.9	97.3	-2.375	32.41	29.06	26.137	950.57	0
"2014-06-30	16:00:00"	10.76	179.7	24.48	21.28	8.89	178.8	27.35	17.1	97.5	99.5	-1.943	26.89	24.01	26.116	909.08	0
"2014-06-30	17:00:00"	10.35	167.7	24.6	21.28	8.56	167.1	27.19	20.09	98.7	100.5	-1.73	24.25	21.57	26.095	801.98	0
"2014-06-30	18:00:00"	9.83	180	24.39	18.89	8.04	182.1	28.28	15.91	99.8	101.3	-1.435	21.68	19.22	26.081	647.41	0
"2014-06-30	19:00:00"	16.84	178	13.66	35.59	13.53	178.2	16.26	29.63	99.1	100.2	-1.096	25.25	22.86	26.067	413.14	0
"2014-06-30	20:00:00"	25.51	172.7	7.009	37.38	20.07	172.1	9.91	33.21	93.4	93.9	-0.464	38.59	36.43	26.08	193.52	0
"2014-06-30	21:00:00"	21.81	167.8	9.63	30.82	17.45	167.4	11.5	26.05	89.3	89.6	-0.281	45.07	42.89	26.081	86.571	0
"2014-06-30	22:00:00"	18.63	159.4	11.11	29.03	14.96	159.5	11.73	25.45	84.2	84.3	-0.124	51.4	49.56	26.109	0.69377	0
"2014-06-30	23:00:00"	16.42	166	9.71	25.45	13.16	166	10.98	22.47	80.7	80.8	-0.089	57.1	55.42	26.133	0	0
"2014-07-01	00:00:00"	15.66	169.5	8.19	24.26	12.41	168.8	10.39	20.09	79.26	79.28	-0.021	58.9	57.4	26.137	0	0
"2014-07-01	01:00:00"	12.17	148.2	29.58	27.24	9.57	148.5	30.31	22.47	78.52	78.47	0.044	58.82	57.43	26.154	0	0
"2014-07-01	02:00:00"	14.48	166.4	13.96	21.28	11.4	166.4	15.01	17.1	77.73	77.65	0.081	58.82	57.54	26.143	0	0
"2014-07-01	03:00:00"	12.01	169.9	8.34	19.49	9.44	169.6	10.49	15.31	77.05	76.97	0.087	59.21	57.95	26.136	0	0
"2014-07-01	04:00:00"	13.1	170.3	8.02	20.09	10.27	170.9	10.02	16.51	76.77	76.69	0.088	58.63	57.38	26.118	0	0
"2014-07-01	05:00:00"	11.65	169.3	8.96	17.1	9.17	169.6	10.82	13.52	75.93	75.81	0.12	58.65	57.47	26.112	0	0
"2014-07-01	06:00:00"	12.94	137	21.85	22.47	10.32	137.4	21.64	19.49	75.44	75.35	0.088	56.92	55.64	26.129	0	0
"2014-07-01	07:00:00"	20.85	172	8.1	30.22	16.49	171.7	10.29	26.05	75.78	75.63	0.152	53.26	51.99	26.111	0.5372	0
"2014-07-01	08:00:00"	15.37	57	72.54	26.65	12.15	58.66	72.34	22.47	77.66	77.46	0.201	52.46	51.24	26.178	49.272	0
"2014-07-01	09:00:00"	22.17	80.7	10.26	33.8	16.94	82.8	11.76	26.65	75.5	75.82	-0.313	56.46	54.42	26.223	185.69	0
"2014-07-01	10:00:00"	26.48	96.3	10.13	35.59	20.99	98.3	11.46	31.42	75.59	76.36	-0.768	64.75	61.97	26.217	364.24	0
"2014-07-01	11:00:00"	25.96	119.7	10.14	39.77	20.17	122.5	12.07	32.61	76.06	76.55	-0.494	66.47	64.2	26.205	158.05	0
"2014-07-01	12:00:00"	14.76	124.4	12.24	23.07	11.7	127.1	13.61	21.28	77.14	77.85	-0.706	64.64	62.15	26.258	232.89	0
"2014-07-01	13:00:00"	11.55	112.7	25.57	18.89	9.55	114.7	26.89	16.51	78.81	80.1	-1.303	62.03	58.52	26.273	547.38	0
"2014-07-01	14:00:00"	12.26	88.4	18.09	20.09	10.12	90.5	19.94	17.7	81.2	83.2	-2.043	57.11	52.43	26.271	906.95	0
"2014-07-01	15:00:00"	10.16	91.8	23.02	19.49	8.44	94	27.12	16.51	83.2	85.3	-2.194	52.17	47.36	26.259	945.76	0
"2014-07-01	16:00:00"	11.24	82	16.48	18.89	9.33	83.4	18.44	17.1	85.5	87.3	-1.88	47.65	43.33	26.246	646.14	0
"2014-07-01	17:00:00"	12.83	92.1	15.4	24.26	10.57	94.2	17.07	19.49	87	88.5	-1.505	44.58	40.88	26.232	497.84	0
"2014-07-01	18:00:00"	12.61	87.6	19.65	22.47	10.29	89.9	21.99	18.3	88.1	89.4	-1.341	41.71	38.48	26.219	392.29	0
"2014-07-01	19:00:00"	17.16	94.3	11.83	25.45	13.68	96.6	13.67	21.28	88.3	89.2	-0.9	41.13	38.44	26.203	324.94	0
"2014-07-01	20:00:00"	15.19	111.7	12.06	23.07	12.01	113.7	14.1	18.89	88.3	88.9	-0.65	39.42	37.25	26.213	202.03	0
"2014-07-01	21:00:00"	13.3	117.2	8.39	21.28	10.25	119.9	10.97	17.1	86.9	87	-0.113	39.33	37.64	26.217	34.088	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-01	22:00:00"	11.08	118.5	7.047	15.91	8.45	121.2	9.89	14.12	85.1	84.9	0.21	40.64	39.17	26.243	0.37331	0	
"2014-07-01	23:00:00"	12.63	126.9	7.548	19.49	9.61	129.6	9.45	15.91	84.4	84.3	0.107	38.27	36.87	26.279	0	0	
"2014-07-02	00:00:00"	15.3	128.8	7.883	21.87	11.69	131.1	9.45	17.7	83.1	82.9	0.173	37.3	35.94	26.282	0	0	
"2014-07-02	01:00:00"	11.38	132.7	9.01	17.1	8.77	134.2	9.72	14.72	80.8	80.7	0.137	40.79	39.28	26.285	0	0	
"2014-07-02	02:00:00"	8.04	101.8	28.34	12.93	6.125	102.8	27.62	11.14	78.46	78.32	0.134	45.49	43.97	26.295	0	0	
"2014-07-02	03:00:00"	6.968	96.4	14.31	10.54	4.903	96.3	16.63	8.16	77.16	76.77	0.391	47.4	46.45	26.306	0	0	
"2014-07-02	04:00:00"	7.345	144.2	11.76	11.74	5.58	145.3	11.38	9.35	77.63	77.28	0.355	44.31	43.35	26.297	0	0	
"2014-07-02	05:00:00"	7.061	149.5	8.97	11.74	5.555	148.5	9.57	9.95	76.6	76.43	0.162	45.61	44.2	26.303	0	0	
"2014-07-02	06:00:00"	6.464	149.1	13.43	9.35	4.997	147.9	14.53	8.75	75.04	74.87	0.164	50.56	49.22	26.312	0	0	
"2014-07-02	07:00:00"	5.052	96.1	18.01	8.16	3.683	91.7	20.36	6.368	73.65	73.38	0.262	58.4	57.08	26.346	0.26282	0	
"2014-07-02	08:00:00"	3.399	92.5	45.78	6.964	2.318	89.5	48.22	5.175	73.22	73.15	0.07	64.83	63.47	26.372	14.928	0	
"2014-07-02	09:00:00"	6.942	29.83	8.86	9.95	5.606	32.81	11.85	8.16	73.03	73.26	-0.23	65.61	64.01	26.4	67.777	0	
"2014-07-02	10:00:00"	17.71	11.92	8.61	31.42	13.78	10.47	14.05	26.05	70.77	71.22	-0.446	64.45	62.37	26.42	95.493	0	
"2014-07-02	11:00:00"	21.54	15.35	9.91	30.82	16.86	15.05	15.81	28.43	70.78	71.71	-0.929	60.53	57.66	26.423	278.83	0	
"2014-07-02	12:00:00"	20.63	24.31	9.77	29.03	16.44	26.06	14.73	25.45	73.04	74.48	-1.44	56.33	52.7	26.421	478.21	0	
"2014-07-02	13:00:00"	16.77	44.7	15.93	24.26	13.88	47.96	17.22	21.28	77.4	79.88	-2.473	49.82	44.84	26.41	920.56	0	
"2014-07-02	14:00:00"	15.31	67.8	16.91	29.03	12.64	69.72	18.37	24.26	80.4	82.8	-2.362	46.59	41.72	26.388	893.14	0	
"2014-07-02	15:00:00"	15.89	76.97	14.13	27.24	12.89	79.15	15.97	23.66	82.4	84.4	-1.964	42.32	38.43	26.373	721.13	0	
"2014-07-02	16:00:00"	13.87	74.12	15.3	22.47	11.25	75.93	16.61	20.68	83.8	85.8	-2.009	39.74	36.26	26.365	705.59	0	
"2014-07-02	17:00:00"	15.16	71.1	20.52	40.36	12.21	73.13	21.28	32.01	81.9	82.5	-0.686	45.69	44.58	26.347	164.37	0.02	
"2014-07-02	18:00:00"	25.78	59.85	47.76	58.85	20.24	62.46	48.93	48.71	66.63	66.33	0.304	78.18	80.1	26.335	23.38	1.87	
"2014-07-02	19:00:00"	18.39	174.9	10.05	36.78	14.43	177.8	13.02	30.22	65.71	65.75	-0.042	81.7	81.6	26.328	20.744	1.05	
"2014-07-02	20:00:00"	12.69	166.4	14.3	32.61	9.82	170.7	16.88	25.45	67.37	67.4	-0.03	77.35	77.21	26.353	9.6876	0.61	
"2014-07-02	21:00:00"	8.72	13.76	35.83	14.12	5.485	11.74	36.63	9.95	69.13	67.76	1.375	76.84	81.6	26.36	2.8992	0.04	
"2014-07-02	22:00:00"	12.46	12.03	13.46	20.09	9.08	12.03	16.6	15.91	69.34	68.7	0.642	80.4	82.9	26.376	0.48959	0.02	
"2014-07-02	23:00:00"	13.05	4.151	13.58	20.09	9.69	3.321	16.54	16.51	68.26	67.98	0.279	85.4	86.4	26.402	0.67772	0	
"2014-07-03	00:00:00"	13.02	15.4	7.398	20.68	9.79	15.89	13.82	15.91	68.36	68.11	0.243	85.6	86.4	26.427	0.3205	0.01	
"2014-07-03	01:00:00"	5.77	65.03	72.26	12.93	4.193	70.42	76.72	12.33	70	69.37	0.63	80.3	82.9	26.434	0.64836	0.03	
"2014-07-03	02:00:00"	6.512	338.9	49.74	12.93	4.668	334.1	47.64	11.74	69.93	69.22	0.712	79.64	82.5	26.448	0.2833	0	
"2014-07-03	03:00:00"	5.517	341.5	62.93	10.54	3.648	346.8	62.16	8.16	68.47	68.02	0.453	83.5	85.6	26.451	0.29633	0	
"2014-07-03	04:00:00"	8.29	35.47	13.14	12.93	6.147	37.89	15.12	11.14	68.3	67.94	0.359	84	85.4	26.434	0	0	
"2014-07-03	05:00:00"	9.27	52.48	7.363	12.93	7.356	54.58	8.09	10.54	67.27	67.16	0.112	86.6	87	26.424	0	0	
"2014-07-03	06:00:00"	9.44	53.19	8.56	12.93	7.633	55.55	9.62	11.14	66.83	66.78	0.049	88.5	88.6	26.429	0	0	
"2014-07-03	07:00:00"	7.73	65.53	7.855	11.14	5.95	66.9	9.22	8.75	66.28	66.25	0.025	89.9	89.8	26.434	0.58265	0	
"2014-07-03	08:00:00"	7.815	52.1	10.47	11.74	6.332	54.04	11.12	9.95	66.45	66.45	0.004	89.1	89.1	26.441	38.162	0	
"2014-07-03	09:00:00"	9.05	63.18	12.36	14.72	7.458	64.91	13.15	11.74	67.93	68.32	-0.389	87.2	86.7	26.452	247.92	0	
"2014-07-03	10:00:00"	10.54	80.7	9.47	14.72	8.41	82.3	11.62	12.93	70.84	71.49	-0.657	79.19	78.68	26.455	451.95	0	
"2014-07-03	11:00:00"	9.01	112.3	17.22	14.72	7.411	115	18.96	13.52	73.95	74.67	-0.72	69.75	69.58	26.452	625.17	0	
"2014-07-03	12:00:00"	9.41	135	15.18	16.51	7.703	137.1	16.17	14.12	76.66	77.51	-0.851	62.24	62.31	26.448	759.73	0	
"2014-07-03	13:00:00"	10.07	146.3	17.91	18.3	8.22	147.9	19.04	15.31	79.32	80.2	-0.894	54.17	54.21	26.441	802.63	0	
"2014-07-03	14:00:00"	12.42	148.6	16.34	20.68	10.19	149.2	16.97	18.89	82.2	83.2	-0.942	44.74	44.6	26.427	897.5	0	
"2014-07-03	15:00:00"	13.38	156.4	15.83	23.07	10.85	156.7	16.76	18.89	83.9	85	-1.143	40.21	39.48	26.411	871.26	0	
"2014-07-03	16:00:00"	12.43	149.9	19.92	19.49	10.09	150.5	20.32	18.3	85.4	86.6	-1.151	36.89	36.01	26.389	815.36	0	
"2014-07-03	17:00:00"	16.23	128.7	14.29	25.45	12.84	131	15.25	21.87	85.1	86.1	-1.063	40.6	39.2	26.375	623.01	0	
"2014-07-03	18:00:00"	19.01	131.7	12.23	27.24	15.02	133.6	13.23	23.66	85	85.9	-0.96	40.09	38.59	26.366	604.56	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-03	19:00:00"	19.98	130.3	9.85	29.03	15.65	132.8	10.86	23.66	83.7	84.4	-0.694	41.64	40.08	26.355	435.62	0
"2014-07-03	20:00:00"	18.22	138.5	10.51	25.45	14.32	139.8	11.12	20.68	83.4	83.6	-0.226	39.27	38.27	26.351	229.96	0
"2014-07-03	21:00:00"	13.05	148.9	8.89	20.68	10.31	149.3	9.29	17.7	82.9	82.6	0.257	38.49	38.01	26.355	58.371	0
"2014-07-03	22:00:00"	11	128.1	12.57	15.31	8.07	129.2	13.25	11.74	79.53	78.85	0.681	45.34	45.93	26.369	0.56599	0
"2014-07-03	23:00:00"	9.38	111.4	5.659	12.33	6.424	110.2	8.91	9.35	76.43	75.45	0.98	52.67	54.53	26.402	0	0
"2014-07-04	00:00:00"	8.31	120.4	10.35	10.54	5.034	117.6	13.83	7.561	74.77	73.17	1.604	55.41	59.74	26.427	0	0
"2014-07-04	01:00:00"	8.49	135.2	7.401	12.93	5.448	132.9	9.55	8.75	73.68	72.21	1.473	53.43	57.8	26.438	0	0
"2014-07-04	02:00:00"	9.19	148.9	8.61	15.91	6.761	148.5	8.44	12.93	72.66	71.79	0.863	51.66	53.49	26.441	0	0
"2014-07-04	03:00:00"	9.45	134.3	11.19	14.12	6.605	134.1	12.08	11.14	71.45	70.42	1.031	54.14	56.44	26.44	0	0
"2014-07-04	04:00:00"	7.449	86.9	19.86	9.95	4.736	77.02	23.1	6.964	67.3	65.92	1.383	64.44	69.02	26.443	0	0
"2014-07-04	05:00:00"	7.401	84.7	6.228	9.35	4.508	71.7	8.62	6.368	65.91	64.33	1.579	70.29	74.96	26.441	0	0
"2014-07-04	06:00:00"	8.91	99.5	11	11.74	6.012	97.1	13.91	8.75	65.54	64.64	0.892	77.64	79.65	26.442	0	0
"2014-07-04	07:00:00"	8.68	110.5	8.23	11.74	6.014	108.9	10.48	8.16	65.51	64.91	0.602	79.93	81.2	26.448	1.6064	0
"2014-07-04	08:00:00"	9.28	129.9	9.66	12.93	6.775	130.6	11.01	10.54	66.83	66.45	0.38	75.56	76.48	26.46	63.016	0
"2014-07-04	09:00:00"	10.71	155.6	12.8	17.7	8.57	155.3	13.43	15.31	69.78	69.87	-0.089	68.73	68.47	26.475	249.19	0
"2014-07-04	10:00:00"	14.58	171.3	9.32	21.87	11.56	170.5	11.77	18.3	72.8	73.23	-0.425	63.77	62.82	26.483	451.07	0
"2014-07-04	11:00:00"	15.15	171.3	9.74	23.07	12.1	170.6	11.99	18.3	76.2	76.98	-0.779	56.77	55.19	26.474	643.62	0
"2014-07-04	12:00:00"	14.94	171.4	12.48	24.86	11.97	170.8	14.59	20.09	79.24	80.4	-1.189	49.44	47.3	26.464	805.3	0
"2014-07-04	13:00:00"	13.11	172.9	12.82	23.07	10.63	172.8	15.57	18.89	81.5	82.9	-1.408	43.71	41.27	26.459	911.8	0
"2014-07-04	14:00:00"	12.53	167.2	18.79	20.68	10.22	166.8	20.57	18.89	83.5	85.1	-1.615	38.71	36.49	26.447	961.82	0
"2014-07-04	15:00:00"	13.08	163.8	16.53	22.47	10.77	163.1	17.96	18.89	85.4	87	-1.632	35.45	33.22	26.429	913.61	0
"2014-07-04	16:00:00"	13.68	164.1	17.41	23.66	11.08	164.7	19.52	19.49	86.7	88.2	-1.46	32.06	29.99	26.416	773.69	0
"2014-07-04	17:00:00"	15.05	153.9	17.81	24.86	12.16	154.9	18.15	20.68	88.1	89.6	-1.494	29.4	27.36	26.402	756.78	0
"2014-07-04	18:00:00"	15.96	155.1	16.93	26.05	12.94	155.9	17.71	22.47	88.5	89.7	-1.173	27.74	25.82	26.386	626.37	0
"2014-07-04	19:00:00"	15.45	161.4	13.68	23.66	12.45	161.3	14.64	20.68	88.5	89.3	-0.775	25.49	23.83	26.377	436.91	0
"2014-07-04	20:00:00"	15.49	160.7	12.42	26.65	12.45	160.6	13.15	22.47	87.4	87.6	-0.285	25.16	23.73	26.375	227.87	0
"2014-07-04	21:00:00"	14.88	161	10.35	22.47	11.86	160.2	11.14	19.49	85.2	85.1	0.109	27.73	26.53	26.384	58.367	0
"2014-07-04	22:00:00"	10.78	159.7	9.68	20.09	8.6	158.5	10.02	17.1	81.9	81.6	0.318	32.67	31.77	26.394	0.46816	0
"2014-07-04	23:00:00"	9.41	154.4	8.26	13.52	7.396	153.8	8.66	11.74	79.07	78.65	0.415	36.63	36.01	26.416	0	0
"2014-07-05	00:00:00"	9.58	151.7	8.71	14.72	7.34	150.8	8.69	12.33	76.81	76.31	0.494	40.01	39.65	26.434	0	0
"2014-07-05	01:00:00"	9.37	152.5	7.915	13.52	7.192	152.4	8.59	10.54	74.97	74.48	0.493	42.67	42.32	26.441	0	0
"2014-07-05	02:00:00"	8.73	163.9	9.15	13.52	6.743	163.7	10.56	9.95	73.45	72.93	0.517	47.81	47.58	26.443	0	0
"2014-07-05	03:00:00"	8.02	164.3	8.61	11.74	6.047	164.1	9.22	9.35	72.02	71.46	0.558	53.66	53.76	26.442	0	0
"2014-07-05	04:00:00"	7.325	156.9	9.48	11.74	5.558	155.8	9.77	9.35	71	70.49	0.508	57.27	57.46	26.44	0	0
"2014-07-05	05:00:00"	7.792	142.1	9.49	11.14	5.471	140.8	10.87	8.75	69.67	68.99	0.68	60.15	61.09	26.441	0	0
"2014-07-05	06:00:00"	7.761	146.2	12.76	12.33	5.674	145.5	13.72	9.35	69.03	68.47	0.561	62.43	63.04	26.447	0	0
"2014-07-05	07:00:00"	7.289	141.2	12.28	10.54	5.029	139.3	14.57	8.75	67.34	66.63	0.711	65.16	66.53	26.452	1.6078	0
"2014-07-05	08:00:00"	7.388	144.8	8.74	11.74	5.521	144.2	9.18	9.35	67.44	67.25	0.192	69.35	69.25	26.454	76.91	0
"2014-07-05	09:00:00"	11.77	162.9	10.32	19.49	9.46	162.4	11.94	17.1	70.78	71.02	-0.233	68.59	67.43	26.456	259.8	0
"2014-07-05	10:00:00"	15	174.2	8.84	21.28	11.9	173.7	11.07	17.1	74.01	74.66	-0.648	61.48	59.58	26.454	461.35	0
"2014-07-05	11:00:00"	13.97	173.5	9.76	20.68	11.2	172.9	12.09	17.1	76.65	77.79	-1.143	55.65	53.03	26.438	654.72	0
"2014-07-05	12:00:00"	12.61	176.6	10.16	19.49	10.19	175.9	13.13	15.91	79.89	81.4	-1.51	47.52	44.55	26.43	815.19	0
"2014-07-05	13:00:00"	11.13	168.5	15.45	19.49	9.13	168.2	16.85	15.31	82.9	84.5	-1.625	39.72	37.18	26.423	924.45	0
"2014-07-05	14:00:00"	9.25	181	27.49	19.49	7.678	181.1	31.59	15.31	85.2	86.6	-1.445	35.38	33.17	26.41	971.04	0
"2014-07-05	15:00:00"	11.7	165.3	20.4	21.87	9.5	165.9	21.97	17.1	86.9	88.8	-1.896	31.06	28.65	26.393	954.51	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-05	16:00:00"	11.47	168.3	16.12	23.66	9.29	168.6	18.58	18.3	88.2	89.8	-1.547	29.44	27.24	26.378	832.62	0	
"2014-07-05	17:00:00"	11.32	175.7	20.13	21.28	9.24	176.9	23.83	17.7	89.4	90.9	-1.491	26.81	24.74	26.357	812.91	0	
"2014-07-05	18:00:00"	11.6	164.4	20.78	21.28	9.46	164.5	23.11	18.3	89.8	91.2	-1.31	26.26	24.25	26.34	649.86	0	
"2014-07-05	19:00:00"	11	170.2	16.72	18.3	8.91	170.3	19.03	15.91	89.9	90.8	-0.943	25.95	24.17	26.322	436.42	0	
"2014-07-05	20:00:00"	10.6	155.9	13.32	16.51	8.68	155.8	14.04	14.12	89.2	89.6	-0.42	26.54	24.96	26.318	215.53	0	
"2014-07-05	21:00:00"	12.06	153.9	9.44	17.1	9.89	153.2	10.08	15.31	87	87	0.011	29.1	27.7	26.33	41.545	0	
"2014-07-05	22:00:00"	12.13	154.2	9.05	19.49	9.83	153.3	9.16	15.31	83.7	83.5	0.148	34.2	32.92	26.342	0.33269	0	
"2014-07-05	23:00:00"	14.11	160.9	9.73	22.47	11.31	160.5	10.7	18.89	81.2	81.1	0.16	39.52	38.27	26.359	0	0	
"2014-07-06	00:00:00"	14.7	164.9	9.19	20.68	11.54	164.7	10.33	18.3	79.24	79.08	0.167	42.84	41.55	26.369	0	0	
"2014-07-06	01:00:00"	13.92	170.9	7.044	18.89	10.9	170.4	9.4	16.51	77.25	77.07	0.177	47.59	46.45	26.369	0	0	
"2014-07-06	02:00:00"	13.4	174	6.769	18.89	10.47	172.7	9.65	15.91	75.86	75.72	0.142	50.71	49.62	26.36	0	0	
"2014-07-06	03:00:00"	13.03	176.6	6.386	18.3	10.04	175.2	9.59	15.91	74.54	74.35	0.193	53.49	52.55	26.351	0	0	
"2014-07-06	04:00:00"	10.28	170.9	7.049	14.12	7.918	170.4	9.38	11.74	73.08	72.87	0.219	56.88	56.12	26.344	0	0	
"2014-07-06	05:00:00"	9.51	166.2	9.05	14.12	7.504	165.9	10.68	11.74	72.33	72.14	0.188	59.35	58.6	26.337	0	0	
"2014-07-06	06:00:00"	8.02	166.6	9.18	12.33	6.235	165.9	10.47	9.95	71.17	70.93	0.245	62.32	61.81	26.336	0	0	
"2014-07-06	07:00:00"	4.965	116.6	59.75	8.75	3.59	116.4	63.87	7.561	69.49	68.81	0.675	66.5	67.52	26.349	1.0603	0	
"2014-07-06	08:00:00"	4.835	65.73	25.49	6.368	3.403	58.65	25.69	5.175	68.81	68.06	0.748	68.14	70.53	26.368	50.42	0	
"2014-07-06	09:00:00"	4.203	74.36	18.72	6.964	3.645	75.23	19.17	6.368	69.85	70.18	-0.331	67.06	65.88	26.383	162.32	0	
"2014-07-06	10:00:00"	6.788	125.8	29.43	12.93	5.644	127.6	30.24	10.54	71.6	72.04	-0.437	64.67	63.13	26.382	180.44	0	
"2014-07-06	11:00:00"	5.48	179.1	17.85	9.35	4.629	180.5	22.77	7.561	72.88	73.36	-0.481	62.98	61.37	26.379	242.13	0	
"2014-07-06	12:00:00"	5.189	158.2	24.76	9.35	4.375	158.8	27.72	8.75	74.47	75.08	-0.61	60.8	58.93	26.373	412.85	0	
"2014-07-06	13:00:00"	5.567	126.9	20.13	9.35	4.683	128.1	21.98	7.561	77.2	77.91	-0.702	56.51	54.38	26.367	383.08	0	
"2014-07-06	14:00:00"	4.31	159.4	41.51	9.35	3.662	160.8	45.45	9.35	80.3	80.9	-0.558	49.59	47.7	26.357	491.01	0	
"2014-07-06	15:00:00"	6.578	183.7	22.21	11.74	5.508	186.3	25.8	9.95	82.5	83.1	-0.542	42.38	40.62	26.344	319.2	0	
"2014-07-06	16:00:00"	6.196	238.4	22.14	9.95	5.151	241.1	26.14	8.75	82.9	83.4	-0.43	42.88	41.28	26.328	313.13	0	
"2014-07-06	17:00:00"	7.14	219.2	19.4	12.33	6.115	218.7	22.46	11.14	83.1	83.4	-0.358	43.04	41.35	26.306	310.17	0	
"2014-07-06	18:00:00"	5.985	222.2	17.46	9.95	5.093	224.5	20.73	8.16	83.2	83.4	-0.204	39.88	38.49	26.289	198.18	0	
"2014-07-06	19:00:00"	5.088	235.5	18.72	8.16	4.382	238.5	22.92	9.35	84.2	84.4	-0.188	37.67	36.56	26.271	323.65	0	
"2014-07-06	20:00:00"	4.924	280.8	24.92	8.16	3.512	286.4	27.1	7.561	84.1	84	0.114	36.23	36.33	26.273	161.31	0	
"2014-07-06	21:00:00"	3.313	265	30.9	5.771	2.069	275.4	46	4.578	83.2	82	1.236	36.57	38.91	26.274	31.787	0	
"2014-07-06	22:00:00"	3.663	285.1	36.84	5.175	2.684	307.6	52	4.578	81.5	78.59	2.9	39.9	47.27	26.284	0.28261	0	
"2014-07-06	23:00:00"	5.385	56.95	31.31	8.16	3.403	59.81	26.69	5.175	79.55	74.34	5.217	41.97	57.3	26.301	0	0	
"2014-07-07	00:00:00"	7.934	156.6	11.37	11.74	5.725	154.9	12.07	9.35	77.98	76.69	1.286	46.43	48.32	26.32	0	0	
"2014-07-07	01:00:00"	7.847	171.5	7.829	11.14	5.642	168.9	9.86	8.75	76.6	75.68	0.923	47.18	47.96	26.332	0	0	
"2014-07-07	02:00:00"	5.643	159.6	8.56	8.16	3.771	152.1	13.71	6.368	75.11	74.03	1.087	49.76	51.13	26.331	0	0	
"2014-07-07	03:00:00"	4.859	145.3	10.38	9.95	2.732	107.1	27.14	7.561	73.33	71.44	1.888	54.94	59.01	26.324	0	0	
"2014-07-07	04:00:00"	7.922	151.5	7.644	11.74	5.709	149.3	8.23	9.95	73.13	72.39	0.737	58.1	58.56	26.318	0	0	
"2014-07-07	05:00:00"	6.855	151.9	8.27	10.54	4.784	148.6	8.82	8.16	72.35	71.57	0.778	60.64	61.28	26.31	0	0	
"2014-07-07	06:00:00"	3.918	146	14.99	6.368	2.086	104.9	56.33	3.982	71.18	69.69	1.495	63.09	65.71	26.308	0	0	
"2014-07-07	07:00:00"	3.969	124.9	28.23	6.368	2.096	89.8	47.7	3.386	70.94	68.78	2.157	62.88	67.48	26.311	3.6517	0	
"2014-07-07	08:00:00"	4.918	119.7	20.64	9.35	3.48	108.2	32.28	6.368	69.88	68.6	1.284	66.17	69.35	26.32	80.954	0	
"2014-07-07	09:00:00"	8.04	146.3	11.79	13.52	6.461	146.4	11.76	11.14	73.37	73.54	-0.177	60.53	59.62	26.326	260.64	0	
"2014-07-07	10:00:00"	9	163.9	12.49	13.52	7.411	163.6	14.11	11.74	76.55	77.17	-0.622	52.21	50.41	26.327	464.37	0	
"2014-07-07	11:00:00"	7.139	175.2	19.19	12.93	5.823	172.6	21.91	11.14	78.98	79.93	-0.954	46.99	44.79	26.324	656.92	0	
"2014-07-07	12:00:00"	6.051	155.3	38.82	11.14	5.128	157.4	42.24	9.95	81.7	82.8	-1.053	40.55	38.45	26.319	818.46	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg		Avg	Avg	Avg	Avg	
"2014-07-07	13:00:00"	9.02	156	22.32	17.1	7.54	156.6	22.8	15.31	83.9	85.2	-1.29	35.34	33.15	26.311	846.57	0
"2014-07-07	14:00:00"	10.76	151.4	24.46	20.09	8.89	151.2	24.88	17.1	85.7	87.5	-1.852	32.26	29.8	26.297	994.69	0
"2014-07-07	15:00:00"	9.25	165.5	33.55	18.89	7.696	165.9	34.34	17.1	87	88.6	-1.619	29.12	26.87	26.282	937.34	0
"2014-07-07	16:00:00"	9.71	154.5	36.24	18.3	8.06	156	37.32	15.31	88.1	89.6	-1.507	29	26.77	26.268	832.31	0
"2014-07-07	17:00:00"	9.74	163.1	24.56	17.7	7.974	163.9	26.19	17.1	89	90.5	-1.484	27.68	25.55	26.247	777.69	0
"2014-07-07	18:00:00"	10.83	154.5	19.79	19.49	8.9	156	21.68	16.51	89.9	91.2	-1.328	26.68	24.56	26.228	682.93	0
"2014-07-07	19:00:00"	11.61	154.6	14.81	19.49	9.49	156.2	16.59	15.91	90	90.9	-0.912	26	24.05	26.216	422.81	0
"2014-07-07	20:00:00"	11.62	153.1	16.54	18.3	9.38	154.3	17.84	15.31	89.6	90.1	-0.521	26.04	24.35	26.211	235.99	0
"2014-07-07	21:00:00"	11.5	143	9.9	18.3	9.07	143.6	10.22	14.12	87.6	87.6	-0.001	29.69	28.29	26.216	60.798	0
"2014-07-07	22:00:00"	11.38	143.7	8.02	15.91	8.67	144	8.57	12.93	84.5	84.2	0.285	33.53	32.39	26.237	0.58392	0
"2014-07-07	23:00:00"	11.71	155.2	9.28	17.7	9.32	154.2	9.65	14.12	82.3	82	0.233	36.18	35.01	26.263	0	0
"2014-07-08	00:00:00"	13.7	164.4	9.26	22.47	10.73	163.6	10.73	19.49	80.8	80.6	0.264	37.08	35.98	26.284	0	0
"2014-07-08	01:00:00"	15.97	170.2	7.106	24.86	12.46	169.8	9.5	19.49	79.06	78.82	0.242	40.08	38.91	26.299	0	0
"2014-07-08	02:00:00"	14.19	169.9	7.661	23.07	11.02	169.9	10.02	17.7	76.77	76.56	0.204	44.04	42.81	26.299	0	0
"2014-07-08	03:00:00"	13.4	172.5	6.668	18.89	10.3	171.8	9.32	16.51	74.95	74.76	0.187	50.11	48.97	26.287	0	0
"2014-07-08	04:00:00"	11.56	174	6.341	16.51	8.77	173.5	9.14	13.52	73.78	73.55	0.224	54.6	53.65	26.283	0	0
"2014-07-08	05:00:00"	7.463	179.2	8.72	11.74	5.544	180	12.68	9.35	72.25	71.96	0.29	58.27	57.61	26.291	0	0
"2014-07-08	06:00:00"	6.645	174.6	9.58	9.95	5.049	173.6	11.66	8.16	70.89	70.57	0.315	61.46	60.98	26.291	0	0
"2014-07-08	07:00:00"	5.662	199	14.22	9.35	4.256	202.2	15.66	7.561	70.06	69.72	0.339	63.24	62.82	26.297	1.2204	0
"2014-07-08	08:00:00"	6.058	186.5	10.33	9.35	4.565	188.3	14.1	7.561	69.76	69.59	0.176	64.25	63.83	26.31	73.51	0
"2014-07-08	09:00:00"	10.13	177.2	7.834	15.31	8.06	177.1	10.84	12.93	72.12	72.54	-0.423	62.01	60.38	26.32	256.07	0
"2014-07-08	10:00:00"	10.69	189.7	10.41	15.31	8.57	190.9	14.45	12.33	75.16	76.06	-0.9	56.42	54	26.331	457.93	0
"2014-07-08	11:00:00"	8.88	175	15.86	13.52	7.304	175	18.71	11.14	78.48	79.66	-1.183	49.68	46.96	26.334	652.12	0
"2014-07-08	12:00:00"	6.876	175.8	24.34	11.74	5.83	176.6	28.65	11.14	82	83.2	-1.205	41.84	39.37	26.337	834.6	0
"2014-07-08	13:00:00"	5	169.4	62.49	11.14	4.261	169.7	66.83	10.54	84.5	85.5	-1.023	38.63	36.58	26.337	938.1	0
"2014-07-08	14:00:00"	6.017	140.8	61.48	14.72	5.022	147.5	59.02	12.93	86.8	88.1	-1.32	34.64	32.44	26.328	975.33	0
"2014-07-08	15:00:00"	5.738	115.3	56.99	15.91	4.834	118.6	60.35	14.12	88.1	89.5	-1.454	33.01	30.7	26.315	881.85	0
"2014-07-08	16:00:00"	6.35	152.1	52.89	12.93	5.543	154.8	54.23	11.14	88.6	89.9	-1.267	32.76	30.57	26.305	846.02	0
"2014-07-08	17:00:00"	6.597	90.3	40.21	15.91	5.621	93.6	42.26	14.12	90	91.1	-1.145	29.64	27.61	26.288	757.53	0
"2014-07-08	18:00:00"	9.77	89.2	20.38	19.49	8.04	91.8	22.19	17.1	91.1	92.6	-1.449	26.7	24.55	26.273	661.51	0
"2014-07-08	19:00:00"	10.29	123.8	18.23	18.3	8.32	126	19.14	14.72	91.5	92.5	-1.053	24.7	22.73	26.257	452.13	0
"2014-07-08	20:00:00"	12.95	112.9	16.32	18.3	9.94	115.7	17.61	15.91	90.4	91	-0.517	27.26	25.49	26.263	217.24	0
"2014-07-08	21:00:00"	13.02	131.8	7.907	19.49	9.96	133.6	9.21	18.89	88.3	88.3	-0.017	30.91	29.46	26.274	54.689	0
"2014-07-08	22:00:00"	10.33	138.5	6.202	15.91	7.826	139.2	7.424	12.93	85	84.8	0.267	35.5	34.36	26.297	0.27519	0
"2014-07-08	23:00:00"	10.36	154.5	9.99	17.1	8.28	154.1	9.99	13.52	83.2	83.1	0.184	38.76	37.49	26.325	0	0
"2014-07-09	00:00:00"	10.89	164.1	10.07	16.51	8.62	162.8	11.24	13.52	81.5	81.3	0.227	42.42	41.09	26.343	0	0
"2014-07-09	01:00:00"	11.13	169.9	7.157	16.51	8.72	169.5	9.37	13.52	79.85	79.58	0.266	45.71	44.58	26.346	0	0
"2014-07-09	02:00:00"	11.3	172.8	6.133	14.72	8.62	171.5	8.91	12.33	78.16	77.88	0.285	48.45	47.43	26.351	0	0
"2014-07-09	03:00:00"	11.33	171.9	6.297	14.72	8.67	171	8.81	12.93	76.29	76.05	0.247	53.61	52.64	26.342	0	0
"2014-07-09	04:00:00"	10.72	169.8	7.283	15.91	8.41	168.9	9.52	13.52	74.6	74.36	0.235	58.42	57.55	26.339	0	0
"2014-07-09	05:00:00"	11.39	168	7.446	16.51	8.94	167.9	9.39	13.52	73.56	73.32	0.242	60.79	60.02	26.335	0	0
"2014-07-09	06:00:00"	8.44	163.8	8.76	12.93	6.555	163.3	9.8	11.14	72.63	72.35	0.276	62.47	61.84	26.33	0	0
"2014-07-09	07:00:00"	7.308	155	9.43	11.14	5.604	153.5	9.89	8.75	71.65	71.36	0.29	64.56	64.04	26.331	1.1882	0
"2014-07-09	08:00:00"	5.863	140.1	8.65	9.35	4.305	137.2	10.34	6.964	70.66	70.47	0.194	67.21	66.91	26.343	71.84	0
"2014-07-09	09:00:00"	8.06	149.9	13.56	12.93	6.592	150.4	14.19	11.14	73.37	73.77	-0.4	63.63	61.99	26.349	254.52	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-09	10:00:00"	9.09	165.2	12.47	14.12	7.551	165.2	14.65	11.74	76.45	77.29	-0.841	58.02	55.64	26.357	454.43	0	
"2014-07-09	11:00:00"	9.03	155.8	16.03	14.72	7.46	156.3	16.44	11.74	79.18	80.4	-1.255	53.01	50.06	26.357	651.19	0	
"2014-07-09	12:00:00"	9.97	144.7	20.07	17.1	8.16	145.7	21.01	14.72	82.2	83.8	-1.598	45.45	42.17	26.355	809.81	0	
"2014-07-09	13:00:00"	12.04	134.4	13.79	21.87	9.83	135.1	15.63	17.1	85	86.9	-1.87	37.68	34.8	26.345	917.49	0	
"2014-07-09	14:00:00"	13.67	129.5	18.32	23.66	11.14	131.3	19.15	22.47	87.2	89.4	-2.15	33.3	30.37	26.328	973.75	0	
"2014-07-09	15:00:00"	14.16	142.1	21.15	23.66	11.48	144	21.48	20.68	88.2	90.2	-2.017	32.55	29.69	26.313	863.85	0	
"2014-07-09	16:00:00"	14.03	147	16.95	24.86	11.46	147.7	18.95	20.68	88.8	90.8	-1.992	32.42	29.55	26.3	906.26	0	
"2014-07-09	17:00:00"	14.01	152.3	17.37	22.47	11.4	152.3	18.12	21.87	89.5	91.4	-1.943	32.3	29.46	26.281	821.57	0	
"2014-07-09	18:00:00"	14.44	152.6	17.27	22.47	11.77	153.4	17.69	18.89	89.7	91.3	-1.598	31.19	28.59	26.263	596.4	0	
"2014-07-09	19:00:00"	14.97	139.6	14.7	22.47	11.97	141.2	15.25	20.09	89.2	90.4	-1.24	32.07	29.73	26.248	441.2	0	
"2014-07-09	20:00:00"	14.97	147.3	13.36	23.66	11.98	147.5	13.39	18.89	88	88.5	-0.565	34.08	32.13	26.248	161.35	0	
"2014-07-09	21:00:00"	13.65	159.9	10.17	21.87	11.02	159.6	11.19	17.7	86.1	86.3	-0.169	37.07	35.44	26.265	41.053	0	
"2014-07-09	22:00:00"	11.01	152.6	8.53	15.31	8.97	152.6	8.81	14.72	83.4	83.4	0.032	40.68	39.1	26.288	0.28978	0	
"2014-07-09	23:00:00"	9.72	158.5	9.75	14.72	7.853	157.4	10.32	12.33	81.3	81.2	0.099	44.19	42.66	26.309	0	0	
"2014-07-10	00:00:00"	9.75	168.9	7.453	14.72	7.551	168.8	9.33	11.74	79.28	79.07	0.207	48.46	47.29	26.322	0	0	
"2014-07-10	01:00:00"	9.95	167	8.5	16.51	7.728	167.7	10.21	13.52	77.68	77.43	0.25	50.97	49.93	26.321	0	0	
"2014-07-10	02:00:00"	9.67	167.7	8.58	15.31	7.519	167.6	10.16	11.74	76.44	76.27	0.169	55.4	54.29	26.321	0	0	
"2014-07-10	03:00:00"	8.57	166.7	8.31	12.93	6.76	166.2	9.96	10.54	74.84	74.65	0.194	60.1	59.2	26.312	0	0	
"2014-07-10	04:00:00"	8.28	159.2	9.2	12.93	6.584	157.8	9.83	10.54	73.52	73.33	0.194	59.82	59	26.302	0	0	
"2014-07-10	05:00:00"	8.99	150.5	9.63	13.52	6.991	149.9	9.92	11.74	72.17	71.97	0.199	58.76	57.96	26.293	0	0	
"2014-07-10	06:00:00"	9.24	135.8	7.055	12.93	6.595	135.3	8.65	11.14	69.83	69.43	0.401	61.04	60.85	26.29	0	0	
"2014-07-10	07:00:00"	10.15	149.6	8.53	14.12	7.998	149.9	8.78	12.33	69.1	68.97	0.124	61.64	60.68	26.291	1.0401	0	
"2014-07-10	08:00:00"	8.52	147.8	8.33	11.74	6.659	148.4	9.12	9.35	68.59	68.62	-0.037	64.99	63.89	26.304	70.926	0	
"2014-07-10	09:00:00"	10.6	154.4	13.72	17.1	8.59	155	14.29	14.72	71.52	71.93	-0.418	61.77	59.97	26.322	251.18	0	
"2014-07-10	10:00:00"	13.93	171.6	9.45	21.87	11.05	170.9	12.07	18.3	74.54	75.36	-0.821	56.27	53.8	26.333	389.19	0	
"2014-07-10	11:00:00"	14.1	170.5	11.88	21.28	11.37	170	13.94	18.89	77.11	78.32	-1.207	49.51	46.5	26.333	556.91	0	
"2014-07-10	12:00:00"	12.67	160.3	12.87	19.49	10.33	159.9	14.03	16.51	79.6	81	-1.429	43.44	40.45	26.335	754.81	0	
"2014-07-10	13:00:00"	13.25	150.7	17.1	20.68	10.91	151.6	17.73	17.7	82.6	84.5	-1.877	37.77	34.86	26.325	922.67	0	
"2014-07-10	14:00:00"	13.28	157	17.92	22.47	10.85	157.3	19.38	20.68	84.9	87	-2.104	34.86	31.84	26.306	968.62	0	
"2014-07-10	15:00:00"	14.84	149.4	18.45	23.07	12.06	149.9	19.22	20.09	86.4	88.6	-2.25	33.04	29.97	26.286	943.75	0	
"2014-07-10	16:00:00"	16.05	162.1	16.06	29.03	13.01	161.3	16.92	25.45	87.6	89.7	-2.078	30.28	27.36	26.266	911.42	0	
"2014-07-10	17:00:00"	17.08	159.6	17.02	26.05	13.87	159.7	18	23.66	88	89.9	-1.874	28.35	25.64	26.25	800.72	0	
"2014-07-10	18:00:00"	15.22	154.8	15.56	24.86	12.3	154.4	16.65	21.28	88.4	90	-1.571	28.06	25.54	26.238	638.8	0	
"2014-07-10	19:00:00"	13.88	159.5	16.67	23.07	11.27	159.4	16.98	19.49	88.4	89.6	-1.161	29.06	26.77	26.229	448.79	0	
"2014-07-10	20:00:00"	13.56	163	13.16	20.68	10.92	162	14.31	17.7	87.6	88.2	-0.691	30.52	28.52	26.234	238.94	0	
"2014-07-10	21:00:00"	12.28	163.4	11.17	20.09	9.85	163	12	17.7	85.6	85.8	-0.145	33.55	31.94	26.25	60.954	0	
"2014-07-10	22:00:00"	11.38	158.3	9.23	17.7	9.27	157.4	10.08	15.31	82.6	82.5	0.054	37.59	36.16	26.273	0.35558	0	
"2014-07-10	23:00:00"	10.69	155.7	8.97	17.1	8.61	155.2	9.32	15.31	80.1	80	0.11	40.82	39.35	26.298	0	0	
"2014-07-11	00:00:00"	10.2	157.8	9.54	14.72	8.16	156.7	10.53	12.33	77.66	77.53	0.133	45.82	44.37	26.322	0	0	
"2014-07-11	01:00:00"	12.77	169.7	8.33	21.28	9.89	169	10.47	18.3	76.53	76.38	0.148	51.67	50.37	26.334	0	0	
"2014-07-11	02:00:00"	16.4	172.4	6.62	26.65	12.76	171.8	9.64	21.87	74.29	74.23	0.061	58.79	57.54	26.335	0	0	
"2014-07-11	03:00:00"	13.08	175.4	5.925	18.89	10.09	174.4	9.24	15.31	72.26	72.18	0.082	59.21	58.04	26.337	0	0	
"2014-07-11	04:00:00"	11.93	175.1	6.489	17.7	9.11	174.2	9.59	14.12	70.49	70.42	0.077	64.82	63.73	26.332	0	0	
"2014-07-11	05:00:00"	10.28	172	7.447	15.31	7.989	171.6	9.82	12.33	69.08	69	0.08	69.47	68.5	26.331	0	0	
"2014-07-11	06:00:00"	8.55	164.7	9.86	13.52	6.836	164.1	11.32	11.14	67.88	67.83	0.047	73.05	72.09	26.332	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-07-11	07:00:00"	6.485	142.4	12.61	10.54	4.698	140	15.62	8.75	66.03	65.79	0.235	77.11	76.6	26.334	1.1841		0	
"2014-07-11	08:00:00"	4.239	115.8	17.79	9.35	3.046	102.1	28.45	6.964	65.42	65.35	0.069	78.78	78.09	26.348	73.445		0	
"2014-07-11	09:00:00"	10.75	145.6	11.1	17.1	8.68	146.6	11.75	14.72	68.55	69.14	-0.591	73.21	71.14	26.365	255.03		0	
"2014-07-11	10:00:00"	13.4	151.7	13.65	19.49	10.84	152.6	14.44	17.1	70.55	71.63	-1.078	70.04	67	26.377	457.74		0	
"2014-07-11	11:00:00"	12.7	166.1	13.59	21.28	10.28	165.7	14.95	16.51	72.33	74	-1.662	66.36	62.36	26.378	641.79		0	
"2014-07-11	12:00:00"	12.66	154.5	14.38	21.28	10.45	154.8	15.69	17.1	74.62	76.53	-1.916	61.14	56.74	26.377	814.75		0	
"2014-07-11	13:00:00"	12.84	150.8	17.94	21.28	10.54	152	18.49	18.3	77.02	79.16	-2.138	54.44	49.91	26.373	910.8		0	
"2014-07-11	14:00:00"	13.21	161	17.7	22.47	10.81	161.3	19.21	17.7	78.87	80.9	-2.034	50.11	45.78	26.363	784.04		0	
"2014-07-11	15:00:00"	12.58	162	17.28	28.43	10.27	162.5	18.69	24.26	80.6	82.6	-1.956	46.48	42.38	26.347	778.73		0	
"2014-07-11	16:00:00"	13.56	147.2	16.69	24.26	11.15	148.4	17.47	20.09	82.2	84.3	-2.014	44.11	40.03	26.33	785.15		0	
"2014-07-11	17:00:00"	13.61	149.8	19.38	23.07	11.11	151.2	20.09	18.3	83.2	85.3	-2.086	42.68	38.7	26.315	781.55		0	
"2014-07-11	18:00:00"	15.22	141.8	12.7	22.47	12.33	143.1	13.29	19.49	83.6	85.3	-1.622	41.41	38.12	26.304	473.94		0	
"2014-07-11	19:00:00"	18.42	136.8	12.89	26.65	14.53	138.2	13.03	22.47	82.4	83.7	-1.209	44.5	41.25	26.298	318.82		0	
"2014-07-11	20:00:00"	18.31	141.6	10.54	29.03	14.56	143	11.1	24.26	81.2	82	-0.801	46.92	44.16	26.301	243.08		0	
"2014-07-11	21:00:00"	17.77	142.4	10.9	27.84	14.14	143.3	11.11	24.26	79.47	79.86	-0.387	52.1	49.91	26.316	63.39		0	
"2014-07-11	22:00:00"	16.48	148.9	9.13	26.05	13.09	149.4	10.03	21.87	77.1	77.26	-0.162	58.21	56.45	26.341	0.33999		0	
"2014-07-11	23:00:00"	15.7	150.4	9.86	26.65	12.54	150.3	10.79	22.47	74.22	74.4	-0.178	64.94	63.3	26.376	0		0	
"2014-07-12	00:00:00"	9.96	149.9	9.06	16.51	8.1	149.7	9.85	14.12	72.37	72.51	-0.133	69.02	67.58	26.397	0		0	
"2014-07-12	01:00:00"	9.95	147	10.14	15.91	7.942	146.6	10.21	13.52	71.9	72.08	-0.173	68.66	67.17	26.409	0		0	
"2014-07-12	02:00:00"	11.36	143.3	9.96	17.1	9.04	143.6	10.56	14.12	71.48	71.62	-0.14	72.39	70.97	26.403	0		0	
"2014-07-12	03:00:00"	10.22	130.9	8.29	17.1	7.823	132.4	9.87	14.12	70.42	70.4	0.02	74.32	73.31	26.392	0		0	
"2014-07-12	04:00:00"	11.66	138.9	7.432	15.91	9.01	140	8.7	13.52	70.08	70.06	0.019	71.62	70.62	26.384	0		0	
"2014-07-12	05:00:00"	11	134.7	7.313	15.91	8.45	136.4	8.63	13.52	69.19	69.16	0.033	73.95	72.98	26.375	0		0	
"2014-07-12	06:00:00"	11.89	141.4	8	17.1	9.42	142.3	9.15	14.72	68.87	68.84	0.024	74.25	73.28	26.376	0		0	
"2014-07-12	07:00:00"	8.5	129.8	12.98	16.51	6.493	131	13.94	13.52	68.04	68.07	-0.029	76.4	75.4	26.389	0.76861		0	
"2014-07-12	08:00:00"	9.62	155.5	11.99	17.7	7.718	155.7	13.28	15.31	69.03	69.26	-0.234	76.84	75.42	26.399	36.306		0	
"2014-07-12	09:00:00"	13.9	162.3	10.79	21.87	11.2	161.7	12.42	17.7	70.35	70.83	-0.477	75.66	73.74	26.404	161.1		0	
"2014-07-12	10:00:00"	16	169.7	10.93	22.47	12.75	169.3	13.08	19.49	72.05	73.01	-0.963	72.37	69.49	26.41	339.74		0	
"2014-07-12	11:00:00"	15.08	164.7	13.62	22.47	12.12	164.9	15.79	19.49	74.04	75.35	-1.315	67.76	64.27	26.411	530.79		0	
"2014-07-12	12:00:00"	13.7	169.1	14.9	21.87	11.1	169.4	17.93	17.7	77.02	78.74	-1.715	60.97	56.91	26.41	759.49		0	
"2014-07-12	13:00:00"	12.08	172	15.25	20.09	9.72	172.5	17.86	18.3	79.73	81.8	-2.024	55.3	50.94	26.406	775.79		0	
"2014-07-12	14:00:00"	10.58	176.8	18.78	17.1	8.64	177.3	23.09	15.31	81.8	83.7	-1.961	50.54	46.41	26.393	879.7		0	
"2014-07-12	15:00:00"	10.12	171.3	24.64	18.3	8.23	171.3	26.38	16.51	83.8	85.6	-1.832	46.42	42.52	26.371	809.63		0	
"2014-07-12	16:00:00"	10.38	167.6	22.25	19.49	8.58	168.4	24.42	17.7	85.5	87.5	-1.965	41.33	37.78	26.357	860.67		0	
"2014-07-12	17:00:00"	11.9	155.6	25.85	20.68	9.62	156.1	26.56	18.89	87.5	89.5	-2.025	37.18	34.03	26.334	789.29		0	
"2014-07-12	18:00:00"	12.64	160	17.06	21.28	10.23	160.5	18.56	17.7	88	89.5	-1.517	36.82	34.03	26.319	469.67		0	
"2014-07-12	19:00:00"	14.95	159.8	13.29	24.86	12.13	159.3	14.57	20.09	88.1	89.1	-1.042	36.41	34.01	26.316	358.63		0	
"2014-07-12	20:00:00"	16.89	168.8	11.41	27.24	13.33	168.3	13.04	21.87	86.8	87.5	-0.669	38.23	36.12	26.321	176.77		0	
"2014-07-12	21:00:00"	15.92	172.2	7.028	24.86	12.36	171.8	9.7	19.49	84.4	84.5	-0.093	41.4	39.58	26.326	9.0225		0	
"2014-07-12	22:00:00"	12.02	165.9	9.31	18.3	9.52	165.3	10.83	15.31	82	81.9	0.043	45.67	44.03	26.334	0.28549		0	
"2014-07-12	23:00:00"	13.4	163.6	9.57	21.87	10.62	162.5	10.9	19.49	80.1	80	0.04	50.77	49.23	26.356	0		0	
"2014-07-13	00:00:00"	13.83	169.2	8.01	23.66	10.86	168.9	10.22	18.89	78.31	78.25	0.061	53.25	51.85	26.374	0		0	
"2014-07-13	01:00:00"	12.7	169.9	8.01	17.7	9.94	169.9	10.53	15.31	76.62	76.53	0.083	55.59	54.26	26.391	0		0	
"2014-07-13	02:00:00"	9.19	165.5	9.38	14.72	7.19	165	10.91	11.74	75.11	75	0.113	58.1	56.91	26.398	0		0	
"2014-07-13	03:00:00"	7.472	161.6	10.07	12.93	5.933	160	10.95	11.74	73.51	73.39	0.117	60.78	59.68	26.402	0		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-13	04:00:00"	5.065	112.6	28.67	8.16	3.397	90.9	39.83	5.771	71.4	70.25	1.149	64.63	65.72	26.408	0	0
"2014-07-13	05:00:00"	6.314	83.3	4.78	8.16	3.942	70.58	10.06	5.771	70.13	68.47	1.66	66.03	68.59	26.404	0	0
"2014-07-13	06:00:00"	7.885	99.7	12.79	9.35	4.626	92.5	14.18	6.368	67.33	66	1.33	71.95	73.62	26.396	0	0
"2014-07-13	07:00:00"	8.6	110.3	7.202	11.74	5.574	105.7	11.59	8.75	67.57	66.68	0.889	73.52	74.15	26.392	1.0345	0
"2014-07-13	08:00:00"	7.12	73.18	10.96	9.35	5.027	70.94	11.92	7.561	65.6	65.43	0.171	77.28	76.9	26.408	64.473	0
"2014-07-13	09:00:00"	8.12	116.2	26.38	15.31	6.507	116.7	28.47	13.52	70.44	70.88	-0.443	69.38	67.68	26.422	244.66	0
"2014-07-13	10:00:00"	10.7	160.4	16.04	16.51	8.61	159.7	16.96	14.12	74.37	75.29	-0.921	61.52	58.89	26.424	449.07	0
"2014-07-13	11:00:00"	9.96	168.1	15.49	15.31	8.23	168.5	17.55	13.52	77.36	78.71	-1.345	54.71	51.46	26.42	642.92	0
"2014-07-13	12:00:00"	9.31	148.7	20.23	16.51	7.648	149.7	20.59	14.12	80.6	82.2	-1.626	46.64	43.16	26.418	804.81	0
"2014-07-13	13:00:00"	8.75	141.3	22.46	15.91	7.368	143.1	24.8	13.52	83.1	84.9	-1.796	40.73	37.49	26.411	914.49	0
"2014-07-13	14:00:00"	10.92	158.1	23	20.09	9.04	159.7	25.61	17.7	85.5	87.5	-1.957	36.76	33.68	26.394	963.52	0
"2014-07-13	15:00:00"	10.4	143	26.54	18.3	8.64	144.7	26.56	16.51	87.4	89.5	-2.086	34.44	31.34	26.378	937.54	0
"2014-07-13	16:00:00"	11.39	145.7	24.38	21.87	9.29	145.6	26.06	18.3	88.7	90.8	-2.06	31.83	28.79	26.362	855.41	0
"2014-07-13	17:00:00"	11.58	151.3	21.49	22.47	9.46	152.4	21.77	20.09	89.6	91.3	-1.652	30.34	27.62	26.339	687.41	0
"2014-07-13	18:00:00"	12.96	146.2	20.82	22.47	10.54	146	21.02	21.28	90.4	92.1	-1.682	29.83	27.12	26.32	598.41	0
"2014-07-13	19:00:00"	11.25	167.6	17.6	19.49	9.12	168.4	19.93	17.1	90.3	91.5	-1.187	30.11	27.74	26.312	388.34	0
"2014-07-13	20:00:00"	12.19	153.7	19.03	18.89	9.77	154.3	19.56	15.91	90.1	90.9	-0.812	31.3	29.15	26.311	256.05	0
"2014-07-13	21:00:00"	11.62	148.8	10.48	17.7	9.31	149.5	10.85	14.72	88.3	88.5	-0.212	33.7	31.94	26.316	57.059	0
"2014-07-13	22:00:00"	9.05	153.4	10.09	12.93	7.181	152.4	10.05	11.14	84.9	84.8	0.153	36.74	35.36	26.323	0.27816	0
"2014-07-13	23:00:00"	7.756	153.1	10.16	11.14	5.859	151.5	10.27	9.35	82.2	81.8	0.359	40.35	39.18	26.34	0	0
"2014-07-14	00:00:00"	6.561	168.3	13.12	11.14	4.839	167.6	15.02	9.35	80.6	80.1	0.493	43.32	42.41	26.36	0	0
"2014-07-14	01:00:00"	8.03	173.2	7.738	13.52	6.045	170.9	9.72	11.14	79.43	78.93	0.495	45.43	44.56	26.378	0	0
"2014-07-14	02:00:00"	10.14	167.2	8.17	14.12	7.893	166.8	9.94	11.74	77.11	76.77	0.34	50.3	49.29	26.376	0	0
"2014-07-14	03:00:00"	9.73	172.4	7.453	13.52	7.402	170.9	9.29	11.14	75.13	74.82	0.311	54.19	53.26	26.375	0	0
"2014-07-14	04:00:00"	8.42	184.4	8.49	12.93	6.319	185.8	12.28	11.14	73.99	73.7	0.282	55.98	55.02	26.369	0	0
"2014-07-14	05:00:00"	9.18	176.2	8.6	12.93	6.86	174.7	12.19	9.95	72.85	72.45	0.401	57.98	57.31	26.359	0	0
"2014-07-14	06:00:00"	10.05	171.2	8.45	14.72	7.53	169.3	9.84	11.74	72.51	72.06	0.45	58.85	58.28	26.359	0	0
"2014-07-14	07:00:00"	6.772	206.1	29.01	12.93	5.122	210.6	33.22	9.95	71.54	71.15	0.384	61.27	60.6	26.367	0.66929	0
"2014-07-14	08:00:00"	3.935	241	42.8	6.964	2.451	255.4	50.96	5.175	71.41	70.51	0.903	62.64	63.56	26.378	54.175	0
"2014-07-14	09:00:00"	3.403	279.7	39.85	5.771	2.79	283.9	39.95	5.771	73.54	73.88	-0.331	60.68	59.21	26.385	225.52	0
"2014-07-14	10:00:00"	3.746	157.2	58.38	10.54	3.089	157.5	56.54	9.35	76.52	77.02	-0.495	54.32	52.37	26.394	421.76	0
"2014-07-14	11:00:00"	5.683	175.9	23.51	10.54	4.818	177.5	28.09	9.95	79.85	80.8	-0.971	46.49	43.9	26.39	639.6	0
"2014-07-14	12:00:00"	4.199	160.9	69.26	8.16	3.756	159.8	72.37	7.561	82.8	83.9	-1.048	39.93	37.58	26.383	805.03	0
"2014-07-14	13:00:00"	4.748	123.4	55.88	11.74	4.175	123.8	56.87	9.95	86.4	87.8	-1.306	34.2	31.8	26.37	915.68	0
"2014-07-14	14:00:00"	8.93	121.2	38.77	20.09	7.532	122.9	42.52	17.1	89.4	91.3	-1.885	29.41	26.63	26.351	975.99	0
"2014-07-14	15:00:00"	9.15	106.1	34.86	19.49	7.686	108.3	38.76	17.1	90.6	92.6	-2.078	28.06	25.17	26.328	960.93	0
"2014-07-14	16:00:00"	9.42	114.4	36.58	19.49	7.872	117.6	41.6	16.51	91.3	93	-1.699	26.85	24.2	26.304	748.31	0
"2014-07-14	17:00:00"	8.47	122.1	34.39	24.26	7.107	124.2	36.19	17.1	91.8	93.2	-1.448	26.14	23.69	26.292	607.89	0
"2014-07-14	18:00:00"	8.71	129.4	32.34	15.91	7.321	130.9	35.05	13.52	92.5	94	-1.429	24.71	22.27	26.283	607.29	0
"2014-07-14	19:00:00"	9.55	71.38	44.52	20.09	7.827	72.87	47.34	18.3	91.2	92.3	-1.049	27.26	24.98	26.279	340.95	0
"2014-07-14	20:00:00"	13.27	43.5	13.75	20.09	10.94	46.39	16.14	19.49	89.1	89.9	-0.739	31.79	29.65	26.269	225.39	0
"2014-07-14	21:00:00"	7.958	53.45	11.74	12.93	6.233	55.48	13.66	11.74	87.7	87.8	-0.066	32.59	31.14	26.278	45.759	0
"2014-07-14	22:00:00"	7.489	60.56	8.19	10.54	5.111	63	10.62	8.16	85.1	84.7	0.396	34.33	33.37	26.296	0.18641	0
"2014-07-14	23:00:00"	7.321	62.54	6.783	10.54	4.606	65.3	9.89	7.561	82.6	82	0.633	36.5	36.02	26.317	0	0
"2014-07-15	00:00:00"	16.32	79.56	15.43	27.84	12.64	81.7	16.23	23.07	81.4	81.4	0.013	41.05	39.37	26.344	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-15	01:00:00"	23.37	41.55	24.71	40.36	18.45	44.14	25.91	35	75.62	75.93	-0.305	56.71	54.6	26.391	0
"2014-07-15	02:00:00"	23.42	24.79	6.617	34.4	18.44	27.32	11.44	28.43	70.04	70.42	-0.371	67.98	65.92	26.411	0
"2014-07-15	03:00:00"	19.11	33.14	7.613	30.82	15.44	36.52	10.34	26.05	69.65	69.87	-0.219	67.43	65.67	26.413	0
"2014-07-15	04:00:00"	14.98	35.99	7.42	21.87	12.14	38.89	9.74	18.89	70.02	70.24	-0.218	68.78	67.05	26.412	0
"2014-07-15	05:00:00"	11.68	39.34	8.54	18.3	9.46	41.96	10.01	16.51	70.5	70.65	-0.152	67.23	65.7	26.406	0
"2014-07-15	06:00:00"	10.52	33.75	8.99	15.91	8.53	36.36	11.42	13.52	70.5	70.65	-0.149	67.43	65.89	26.412	0
"2014-07-15	07:00:00"	11.14	50.51	13.43	21.87	8.73	53.93	15.6	16.51	68.49	68.41	0.079	76.77	77.43	26.418	0.3127
"2014-07-15	08:00:00"	14.2	59.22	11.92	21.28	11.04	63.24	14.05	18.89	65.78	65.77	0.007	85.6	85.9	26.419	1.5512
"2014-07-15	09:00:00"	9.94	48.6	25.2	18.3	7.629	51.17	28.57	14.12	65.7	65.78	-0.086	87.2	87.5	26.439	5.4159
"2014-07-15	10:00:00"	9.6	75.86	19.37	14.72	7.575	78.75	20.04	11.74	65.48	65.66	-0.178	87.9	88.2	26.443	27.094
"2014-07-15	11:00:00"	8.5	75.45	14.06	13.52	6.871	78.65	14.83	10.54	66.61	67.09	-0.482	85.6	85.9	26.43	294.44
"2014-07-15	12:00:00"	5.443	36.97	25.16	10.54	4.683	38.87	28.88	9.95	70.14	71.07	-0.93	77.86	77.34	26.428	397.47
"2014-07-15	13:00:00"	5.802	41.38	19.15	8.75	5.035	44.58	22.46	8.16	72.1	73.3	-1.197	73.07	72.25	26.416	541.53
"2014-07-15	14:00:00"	6.003	54.35	18.15	9.35	5.072	55.86	21.24	8.16	74.6	75.79	-1.189	66.49	66.05	26.406	618.46
"2014-07-15	15:00:00"	6.735	104.2	31.9	17.1	5.682	108.6	34.24	15.91	77.82	78.92	-1.099	58.04	57.49	26.387	996.57
"2014-07-15	16:00:00"	6.327	105.7	36.67	11.74	5.393	109.3	39.44	10.54	79.97	81.1	-1.16	52.45	51.17	26.362	958.68
"2014-07-15	17:00:00"	5.103	88.5	35.06	11.74	4.379	89.6	41.16	9.95	80.9	82.1	-1.198	49.85	48.04	26.334	774.03
"2014-07-15	18:00:00"	7.143	107	22.56	12.33	5.937	108.8	24.74	10.54	81.7	82.6	-0.898	49.9	48.35	26.313	418.25
"2014-07-15	19:00:00"	9.65	102	13.91	14.12	8.01	104.5	16.04	11.74	82.3	83.1	-0.85	49.66	47.92	26.29	413.31
"2014-07-15	20:00:00"	9.94	107.7	10.31	14.12	8.08	109.1	12.36	11.74	82.4	82.9	-0.494	46.96	45.83	26.281	236.64
"2014-07-15	21:00:00"	13.99	104.7	8.97	21.87	11.03	106.8	11.4	17.7	80.6	80.6	-0.044	52.42	51.5	26.287	48.456
"2014-07-15	22:00:00"	12.67	113.8	7.502	22.47	9.76	116.7	10.43	17.7	78.44	78.32	0.127	56.81	56.35	26.309	0.20204
"2014-07-15	23:00:00"	17.56	123.8	7.974	24.86	13.18	126.2	10.7	20.09	76	75.97	0.029	61.79	61.01	26.341	0
"2014-07-16	00:00:00"	13.53	120.7	7.75	20.68	10.31	123.1	10.75	18.3	73.79	73.68	0.107	68.7	68.26	26.336	0
"2014-07-16	01:00:00"	13.48	137.6	12.21	20.68	10.42	138.8	12.37	16.51	72.73	72.68	0.049	70.63	70.17	26.324	0
"2014-07-16	02:00:00"	11.08	137.4	10	17.1	8.72	138.5	10.71	14.72	71.45	71.5	-0.05	73.49	72.9	26.324	0
"2014-07-16	03:00:00"	5.554	147.6	19.12	9.95	4.384	148.5	19.6	8.16	70.75	70.79	-0.046	76.52	76.13	26.33	0
"2014-07-16	04:00:00"	4.707	144.3	16.66	6.964	3.665	144	16.83	5.175	70.3	70.33	-0.033	77.96	77.89	26.32	0
"2014-07-16	05:00:00"	5.054	175.4	80.2	13.52	3.737	174.3	91.8	9.95	69.49	69.36	0.123	81.2	81.6	26.314	0
"2014-07-16	06:00:00"	4.447	199.2	25.03	7.561	3.476	197.2	28.46	5.771	70.15	70.03	0.126	77.08	77.25	26.306	0
"2014-07-16	07:00:00"	6.307	182	12.12	9.95	4.928	181.3	14.09	8.75	69.45	69.41	0.043	78.13	78.18	26.305	0.28835
"2014-07-16	08:00:00"	6.053	190.1	12.04	9.95	4.674	193.3	15.6	8.16	68.88	68.85	0.023	79.6	79.54	26.309	25.621
"2014-07-16	09:00:00"	4.292	201.9	16.22	8.16	3.531	204.6	19.68	6.964	69.55	69.68	-0.133	78.21	77.7	26.314	93.744
"2014-07-16	10:00:00"	6.132	193.4	16.98	9.35	4.992	194.6	19.94	8.75	70.71	71.11	-0.403	75.05	74.06	26.306	237.84
"2014-07-16	11:00:00"	4.019	206.4	33.99	7.561	3.571	210.3	42.94	7.561	72.84	73.39	-0.543	69.36	67.94	26.282	461.51
"2014-07-16	12:00:00"	6.413	181.7	26.59	11.14	5.43	180.8	30.34	9.95	75.51	76.53	-1.021	60.94	58.82	26.271	748.53
"2014-07-16	13:00:00"	5.501	167.9	55.49	13.52	4.783	170.6	57.69	11.14	78.81	80	-1.196	52.35	49.83	26.26	924.31
"2014-07-16	14:00:00"	6.703	201.5	40.21	14.12	5.617	204.6	43.91	12.93	80.9	82.4	-1.469	48.47	45.6	26.249	911.7
"2014-07-16	15:00:00"	5.308	183.9	60.76	14.12	4.504	185.6	64.38	12.33	83.2	84.4	-1.262	41.75	39.24	26.233	894.44
"2014-07-16	16:00:00"	8.83	171	33.97	17.1	7.372	174.2	35.71	14.72	85.2	86.9	-1.638	36.05	33.6	26.205	930.28
"2014-07-16	17:00:00"	8.56	187.3	28.84	18.89	7.101	189	32.27	17.7	86.8	88.3	-1.414	35.22	32.92	26.171	753.99
"2014-07-16	18:00:00"	6.72	198.1	51.22	14.12	5.564	193.6	55.31	11.74	87.8	88.7	-0.858	33.89	32.04	26.145	375.07
"2014-07-16	19:00:00"	8.53	194.9	21.46	14.12	6.838	196.4	24.67	11.14	88.2	88.8	-0.625	33.78	32.15	26.133	232.48
"2014-07-16	20:00:00"	6.702	173.5	17.73	11.74	5.419	173.6	19.28	9.95	87.8	88.2	-0.32	35.29	33.93	26.126	109.51
"2014-07-16	21:00:00"	7.392	145.3	10.9	20.09	5.796	146	11.22	15.91	87.2	87.2	-0.054	36.72	35.66	26.132	45.542

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-16	22:00:00"	16.87	175.9	9.16	27.24	13.06	175.5	12.11	21.87	81.7	81.8	-0.183	50.26	48.64	26.141	0.09397	0	
"2014-07-16	23:00:00"	12.81	176.2	7.66	20.68	9.93	176.5	10.25	17.1	78.73	78.74	-0.009	57.28	56.06	26.156	0	0	
"2014-07-17	00:00:00"	10.05	171.4	7.627	14.12	7.755	171.1	9.84	11.74	76.92	76.92	0	60.53	59.5	26.18	0	0	
"2014-07-17	01:00:00"	8.62	170.1	8.4	12.93	6.621	169.5	10.32	9.95	76.11	76.04	0.07	63.68	62.84	26.184	0	0	
"2014-07-17	02:00:00"	7.072	150.9	8.41	10.54	5.625	150.1	9.11	8.75	74.97	74.98	-0.01	66.96	66.04	26.173	0	0	
"2014-07-17	03:00:00"	7.752	153.6	9.99	11.74	6.217	153.2	10.27	9.95	74.35	74.34	0.01	69.18	68.28	26.16	0	0	
"2014-07-17	04:00:00"	8.77	150	11.34	13.52	7.023	150.2	11.35	11.14	73.39	73.46	-0.07	73.21	72.18	26.162	0	0	
"2014-07-17	05:00:00"	10.81	174.3	7.847	18.3	8.31	173.9	10.74	14.72	73.17	73.16	0.006	68.79	67.95	26.157	0	0	
"2014-07-17	06:00:00"	9.33	166.6	9.44	14.72	7.33	166.3	10.99	13.52	72.13	72.09	0.039	68.89	68.08	26.15	0	0	
"2014-07-17	07:00:00"	6.463	145.8	14.27	11.14	5.158	144.2	14.44	9.35	71.1	71.16	-0.059	72.7	71.81	26.156	0.09918	0	
"2014-07-17	08:00:00"	4.644	68.36	63.37	11.14	3.578	69.17	61.88	9.35	70.42	70.4	0.023	76.74	76.81	26.174	9.1518	0.1	
"2014-07-17	09:00:00"	9.27	53.31	12	13.52	7.34	56.29	13.85	11.74	69.14	69.15	-0.015	85.5	86.2	26.194	39.816	0	
"2014-07-17	10:00:00"	10.12	67.83	11.57	14.72	7.971	71.01	13.41	12.33	68.89	69.2	-0.313	85.7	85.7	26.213	184.09	0	
"2014-07-17	11:00:00"	11.97	77.72	13.1	16.51	9.41	80.7	14.57	13.52	69.34	69.82	-0.476	85.1	84.6	26.22	231.36	0	
"2014-07-17	12:00:00"	8.79	74.1	21.47	12.93	7.215	76.2	22.85	11.74	71.81	72.7	-0.888	78.45	77.7	26.227	410.6	0	
"2014-07-17	13:00:00"	8.45	42.29	15.53	14.72	6.987	44.41	17.86	12.33	73.04	73.76	-0.726	75.15	74.5	26.234	209.8	0	
"2014-07-17	14:00:00"	9.67	67.88	11.06	15.91	7.848	71.31	13.35	14.12	73.02	73.76	-0.744	76.04	75.05	26.227	357.59	0	
"2014-07-17	15:00:00"	11.18	44.52	14	18.3	9.37	47.37	15.91	16.51	75.83	77.19	-1.362	68.14	66.23	26.223	628.67	0	
"2014-07-17	16:00:00"	14.03	57.25	12.87	20.68	11.55	60.31	14.87	18.3	77.29	79.18	-1.886	64.05	60.75	26.218	884.88	0	
"2014-07-17	17:00:00"	12.06	68.33	16.18	19.49	9.83	72	17.69	15.91	78.19	79.95	-1.754	61.18	57.77	26.209	782.92	0	
"2014-07-17	18:00:00"	11.79	67.68	15.8	24.86	9.61	71.02	17.83	19.49	79.31	80.8	-1.524	57.76	54.56	26.202	597.87	0	
"2014-07-17	19:00:00"	15.64	78.94	10.04	23.07	12.41	82.2	11.3	19.49	78.11	79.03	-0.922	60.12	57.62	26.204	371.33	0	
"2014-07-17	20:00:00"	13.86	75.41	8.9	23.07	10.9	78.18	10.43	19.49	76.34	76.67	-0.329	63.19	61.56	26.217	79.356	0	
"2014-07-17	21:00:00"	16.25	75.97	8.25	23.66	12.52	78.91	10.11	19.49	72.89	73.08	-0.187	69.6	68.23	26.236	27.076	0	
"2014-07-17	22:00:00"	13.55	72.3	8.61	22.47	10.39	75.87	10.68	18.89	71.02	71.08	-0.053	72.74	71.74	26.258	0.10462	0	
"2014-07-17	23:00:00"	10.93	79.79	7.484	16.51	8.43	81.7	9.18	14.12	69.72	69.72	-0.001	75.2	74.45	26.282	0	0	
"2014-07-18	00:00:00"	8.26	73.92	10.28	15.31	6.169	75.97	11.27	10.54	68.69	68.64	0.055	77.88	77.46	26.316	0	0	
"2014-07-18	01:00:00"	10.57	81.2	10.02	15.31	8.09	83.2	11.22	12.93	67.91	67.9	0.012	78.37	77.8	26.315	0	0	
"2014-07-18	02:00:00"	10.31	84.8	9.12	14.72	8.09	86.1	10.48	12.33	66.9	66.98	-0.078	79.79	79.05	26.32	0	0	
"2014-07-18	03:00:00"	7.412	69.02	10.77	14.72	5.754	72.11	12.93	13.52	66.58	66.67	-0.089	80	79.3	26.307	0	0	
"2014-07-18	04:00:00"	6.904	52.32	15.32	11.14	5.468	54.62	16.74	9.35	66.06	66.11	-0.05	82	81.5	26.301	0	0	
"2014-07-18	05:00:00"	5.613	73.55	12.07	8.16	4.131	76.02	13.21	6.964	65.01	65.05	-0.039	85.6	85.2	26.301	0	0	
"2014-07-18	06:00:00"	7.603	68.26	13.99	11.74	5.934	71.33	15.09	9.35	64.3	64.42	-0.119	86.2	85.5	26.316	0	0	
"2014-07-18	07:00:00"	9.23	86.1	9.14	13.52	7.298	87.9	11	11.14	64.45	64.77	-0.317	86.1	84.9	26.334	0.29455	0	
"2014-07-18	08:00:00"	9.76	92.7	8.14	15.31	7.721	94.7	10.03	12.93	64.21	64.49	-0.276	85.5	84.4	26.345	7.6829	0	
"2014-07-18	09:00:00"	10.02	89.4	8.73	15.31	8	91	10.28	13.52	64.67	64.97	-0.309	83.5	82.3	26.357	41.691	0	
"2014-07-18	10:00:00"	10.63	100.9	8.76	15.91	8.66	102.8	10.55	12.93	65.42	65.85	-0.422	79.68	78.27	26.366	101.52	0	
"2014-07-18	11:00:00"	9.81	102.2	10.78	14.12	8.07	103.7	12.69	11.74	66.23	66.85	-0.613	78.14	76.37	26.36	183.42	0	
"2014-07-18	12:00:00"	7.795	102.3	24.16	13.52	6.552	104.5	27.16	11.14	68.6	70.09	-1.491	73.06	69.6	26.345	563.74	0	
"2014-07-18	13:00:00"	4.937	146.1	48.39	12.93	4.272	147.3	56.73	11.14	71.93	73	-1.068	67.52	64.88	26.332	683.35	0	
"2014-07-18	14:00:00"	6.929	189.1	30.57	12.93	5.889	193.2	36.27	12.33	75.24	76.78	-1.547	63.09	59.69	26.316	942.97	0	
"2014-07-18	15:00:00"	7.149	170.6	32.7	15.31	5.976	170.1	38.78	12.93	77.34	78.9	-1.566	60.81	57.23	26.301	795.99	0	
"2014-07-18	16:00:00"	7.13	167.6	35.93	16.51	5.982	166.4	37.99	13.52	79.59	81	-1.369	56.81	53.59	26.278	703.83	0	
"2014-07-18	17:00:00"	7.246	165.2	29.01	17.1	6.067	166.7	32.76	14.12	81.7	83.1	-1.368	52.28	49.05	26.257	687.49	0	
"2014-07-18	18:00:00"	8.03	161.6	37.78	24.86	6.691	163	43.39	20.68	82.8	84.1	-1.345	49.9	46.73	26.24	609.27	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-07-18	19:00:00"	8.84	162.7	18.67	15.31	7.285	163.8	21.69	12.93	83.7	84.8	-1.124	46.47	43.63	26.228	412.45		0	
"2014-07-18	20:00:00"	9.04	168.5	12.78	14.12	7.314	169	15.02	12.93	84.3	85	-0.708	45.94	43.63	26.224	219.12		0	
"2014-07-18	21:00:00"	9.86	163.8	12.53	14.72	7.806	163.9	13.86	13.52	83.7	83.9	-0.179	47.67	46.01	26.239	47.757		0	
"2014-07-18	22:00:00"	11.25	147.8	7.838	16.51	8.99	147.4	8.52	12.93	81.3	81.2	0.051	52.49	51.15	26.253	0.30262		0	
"2014-07-18	23:00:00"	10.62	141.8	7.078	14.72	8.2	141.6	8.02	12.33	78.86	78.75	0.114	57.83	56.74	26.259	0		0	
"2014-07-19	00:00:00"	11.37	146	8.63	15.91	8.89	146.1	9.45	13.52	76.96	76.87	0.089	63	61.98	26.264	0		0	
"2014-07-19	01:00:00"	10.74	144.7	8.21	15.31	8.45	145.1	9.01	12.93	75.05	74.99	0.052	68.39	67.42	26.275	0		0	
"2014-07-19	02:00:00"	10.9	139.6	7.339	17.1	8.34	140.2	8.41	13.52	73.52	73.44	0.083	71.86	71.06	26.282	0		0	
"2014-07-19	03:00:00"	12.86	139.3	6.743	17.7	10.03	140.2	7.967	14.72	72.14	72.12	0.018	74.91	74.01	26.28	0		0	
"2014-07-19	04:00:00"	11.26	137.3	10.19	17.7	8.65	138.5	10.56	14.72	70.64	70.64	-0.001	78.17	77.32	26.279	0		0	
"2014-07-19	05:00:00"	9.52	109.1	11.34	14.12	7.404	110.2	12.99	11.74	68.85	68.86	-0.013	82	81.2	26.285	0		0	
"2014-07-19	06:00:00"	10.22	115.9	13.49	18.3	7.97	118	15.23	14.72	67.81	67.88	-0.072	85.2	84.4	26.292	0		0	
"2014-07-19	07:00:00"	10.81	145.2	7.984	17.1	8.55	146.2	9.56	15.31	68.18	68.42	-0.238	87.3	86.1	26.296	0.43623		0	
"2014-07-19	08:00:00"	10.63	161.9	11.86	17.7	8.51	161.4	13.41	14.12	69.17	69.42	-0.254	86.6	85.3	26.302	16.593		0	
"2014-07-19	09:00:00"	13	162.5	11.41	20.09	10.43	161.6	12.5	17.1	70.53	70.89	-0.356	84.6	83	26.302	80.409		0	
"2014-07-19	10:00:00"	13.82	171.4	10.98	19.49	10.96	170.7	13.38	15.91	72.58	73.29	-0.712	80.2	77.92	26.313	245.88		0	
"2014-07-19	11:00:00"	11.56	178.2	13.42	17.1	9.25	178.5	17.04	15.31	75.26	76.68	-1.419	74.3	70.75	26.314	593.79		0	
"2014-07-19	12:00:00"	9.81	172.2	16.39	16.51	8.11	172.6	18.58	14.12	78.51	80.2	-1.655	67.13	63.29	26.308	781.27		0	
"2014-07-19	13:00:00"	10.88	165.7	16.86	21.28	8.9	165.4	18.76	19.49	82	83.9	-1.921	59.62	55.4	26.288	892.47		0	
"2014-07-19	14:00:00"	11.25	163.4	20.98	18.89	9.2	164.2	22.55	17.1	85.1	87.1	-2.011	52.94	48.72	26.272	942.03		0	
"2014-07-19	15:00:00"	10.88	162.7	21.88	18.3	8.97	163.1	22.95	15.91	87.8	89.7	-1.995	46.17	42.14	26.258	911.65		0	
"2014-07-19	16:00:00"	10.85	155.2	26.06	20.09	8.89	154.9	27.89	18.89	89.5	91.4	-1.934	42.03	38.44	26.243	882.58		0	
"2014-07-19	17:00:00"	9.25	161.9	24.78	18.89	7.595	162.4	27.27	16.51	91.1	92.8	-1.623	38.42	35.61	26.227	785.71		0	
"2014-07-19	18:00:00"	10.46	157.5	23.66	19.49	8.55	157.7	27.87	15.91	91.9	93.4	-1.517	37.63	34.94	26.213	583.56		0	
"2014-07-19	19:00:00"	10.75	157.6	20.63	17.7	8.71	158.4	22.06	14.72	92.1	93.3	-1.237	36.53	34.11	26.202	414.13		0	
"2014-07-19	20:00:00"	11.19	143.7	12.42	20.68	9.05	144.6	12.97	17.7	92.1	92.8	-0.652	36.53	34.54	26.204	210.29		0	
"2014-07-19	21:00:00"	13.97	154	10.4	25.45	11.38	153.2	10.64	20.68	89.5	89.7	-0.191	41.29	39.41	26.219	48.31		0	
"2014-07-19	22:00:00"	13.18	145.6	7.528	20.09	10.33	145.6	8.6	15.31	86.7	86.7	0.012	45.48	43.8	26.235	0.40738		0	
"2014-07-19	23:00:00"	11.99	160	11.47	20.68	9.64	159.3	12.29	17.1	84.6	84.6	0.05	50.56	49.05	26.255	0		0	
"2014-07-20	00:00:00"	13.24	161.1	10.51	24.26	10.57	159.9	11.9	20.09	82.5	82.4	0.045	55.12	53.72	26.267	0		0	
"2014-07-20	01:00:00"	8.04	158	13.79	14.12	6.364	157.3	14.45	11.74	80.5	80.5	0.058	58.23	56.99	26.292	0		0	
"2014-07-20	02:00:00"	8.88	157.1	16.68	15.91	6.899	155.8	17.99	12.33	79.14	79.07	0.071	59.85	58.7	26.305	0		0	
"2014-07-20	03:00:00"	8.44	205.3	37.64	13.52	6.75	208.4	41.07	11.74	77.91	77.87	0.043	62.78	61.6	26.322	0		0	
"2014-07-20	04:00:00"	8.81	251.8	19.39	19.49	6.854	256.2	22.68	13.52	77.31	77.22	0.084	63	61.99	26.308	0		0	
"2014-07-20	05:00:00"	9.62	217.3	28.95	17.7	7.651	220.3	30.49	16.51	74.39	74.45	-0.066	66.85	65.58	26.257	0		0	
"2014-07-20	06:00:00"	12.5	172.6	11.47	19.49	9.7	172.6	15.07	14.72	75.26	75.26	0	67.59	66.43	26.222	0		0	
"2014-06-01	00:00:00"	15.59	130.3	6.703	24.26	11.77	130.1	8.47	18.3	80.7	80.5	0.226	43.26	41.69	26.223	0		0	
"2014-06-01	01:00:00"	13.65	135.9	6.855	18.3	10.33	134.6	8.06	15.31	78.71	78.48	0.231	47.99	46.53	26.224	0		0	
"2014-06-01	02:00:00"	12.64	141.3	6.676	16.51	9.82	139.2	7.66	14.72	76.99	76.77	0.215	52.31	50.97	26.223	0		0	
"2014-06-01	03:00:00"	12.73	146.8	7.848	18.89	9.97	143.7	8.24	15.31	75.65	75.44	0.201	54.33	53.05	26.221	0		0	
"2014-06-01	04:00:00"	11.12	148	7.727	17.7	8.63	145	8.38	12.93	73.95	73.75	0.201	56.19	54.96	26.214	0		0	
"2014-06-01	05:00:00"	11.2	143.6	7.02	15.31	8.6	141	7.765	12.93	72.45	72.21	0.235	58.82	57.72	26.209	0		0	
"2014-06-01	06:00:00"	9.65	145.5	7.348	12.93	7.335	143.8	7.997	11.14	70.81	70.57	0.234	61.77	60.78	26.205	0		0	
"2014-06-01	07:00:00"	9.25	147.4	7.979	13.52	7.12	145	8.99	11.14	69.75	69.54	0.213	64.11	63.15	26.208	2.4606		0	
"2014-06-01	08:00:00"	8.01	151.6	9.48	12.93	6.329	149.1	9.85	11.74	69.58	69.6	-0.019	65.77	64.47	26.215	89.813		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-01	09:00:00"	14.16	169	10.2	25.45	11.2	165.5	12.08	20.09	73.49	73.94	-0.451	62.94	60.83	26.224	277.5	0	
"2014-06-01	10:00:00"	16.72	170.3	9.43	23.66	13.16	166.8	11.95	20.68	77.46	78.43	-0.968	54.62	51.66	26.226	482.38	0	
"2014-06-01	11:00:00"	16.23	171.6	10.19	24.26	12.87	168.2	12.59	19.49	81.1	82.6	-1.53	47.07	43.39	26.219	677.11	0	
"2014-06-01	12:00:00"	15.96	174.6	10.99	23.07	12.78	171.9	13.64	20.09	86	87.8	-1.867	37.6	34.4	26.206	836.17	0	
"2014-06-01	13:00:00"	14.1	193.9	19.41	23.66	11.29	192.1	22.15	20.09	90	92	-1.968	29.4	26.41	26.197	944.17	0	
"2014-06-01	14:00:00"	12.18	203.6	20.03	22.47	9.97	203.5	22.83	19.49	92.5	94.4	-1.965	26.09	23.18	26.185	986.59	0	
"2014-06-01	15:00:00"	12.11	200.9	20.76	22.47	9.95	199.3	23.35	18.3	94.3	96.3	-2.05	23.46	20.58	26.158	958.03	0	
"2014-06-01	16:00:00"	11.18	196.5	24.26	21.87	9.15	196.4	26.99	18.3	96.2	98.2	-2.018	21.44	18.64	26.137	918.51	0	
"2014-06-01	17:00:00"	13.46	179.5	18.05	23.66	10.87	177.1	21.64	21.87	97.6	99.5	-1.886	20.38	17.68	26.108	804.36	0	
"2014-06-01	18:00:00"	12.1	189.4	28.05	25.45	9.74	188.4	31.5	22.47	99.1	100.6	-1.456	17.7	15.25	26.084	626.24	0	
"2014-06-01	19:00:00"	17.05	177.7	15.34	30.82	13.5	176.4	18.81	25.45	98.4	99.3	-0.93	18.9	16.63	26.072	318.38	0	
"2014-06-01	20:00:00"	21.34	161.2	10.79	30.82	17.27	158.6	12.05	26.65	95.5	95.7	-0.192	23.84	21.88	26.069	109.87	0	
"2014-06-01	21:00:00"	18.43	165.6	9.72	28.43	14.55	161.9	11.01	22.47	92.8	92.7	0.119	26.84	25.14	26.083	31.155	0	
"2014-06-01	22:00:00"	16.78	168.6	8.48	26.65	13.13	166.2	10.54	21.28	89.2	89	0.267	31.37	29.88	26.1	0.22542	0	
"2014-06-01	23:00:00"	20.05	170.5	7.797	29.63	15.57	167.7	10.02	24.26	86.3	86	0.256	35.96	34.57	26.113	0	0	
"2014-06-02	00:00:00"	20.17	171.7	7.551	30.22	15.93	168.9	9.86	26.05	83.7	83.4	0.221	39.21	37.82	26.122	0	0	
"2014-06-02	01:00:00"	17.27	177.6	6.991	25.45	13.35	174.8	9.96	20.09	81.2	81	0.247	43.41	41.91	26.126	0	0	
"2014-06-02	02:00:00"	16.57	178.2	6.512	23.66	12.77	175.9	9.99	18.89	79.18	78.92	0.26	47.27	45.89	26.12	0	0	
"2014-06-02	03:00:00"	13.94	180	7.429	21.28	10.77	178	10.9	17.7	77.2	76.94	0.26	51.75	50.48	26.115	0	0	
"2014-06-02	04:00:00"	10.49	182.2	8.24	15.31	8.14	180.8	11.64	12.93	75.36	75.06	0.3	55.83	54.72	26.123	0	0	
"2014-06-02	05:00:00"	10.22	184.2	8.78	15.91	7.829	183.7	12.54	12.93	73.38	73.08	0.301	60.94	59.97	26.123	0	0	
"2014-06-02	06:00:00"	10.07	192.6	9.85	15.31	7.721	193.2	12.4	12.33	71.37	71.09	0.287	65.98	65.12	26.128	0	0	
"2014-06-02	07:00:00"	8.34	206.9	13.26	14.12	6.545	203.1	14.06	11.14	69.93	69.67	0.262	68.95	68.14	26.138	2.6163	0	
"2014-06-02	08:00:00"	7.29	220.3	14.06	12.33	5.93	217.5	16.89	9.95	69.1	69.07	0.028	71.24	70.12	26.155	97.628	0	
"2014-06-02	09:00:00"	9.77	213.5	13.25	14.72	8.01	211.8	16.49	14.12	71.79	72.2	-0.411	67.34	65.33	26.174	294.69	0	
"2014-06-02	10:00:00"	9.07	215.8	16.65	13.52	7.305	215.9	20.8	12.33	75.78	76.63	-0.855	58.5	55.71	26.19	505.81	0	
"2014-06-02	11:00:00"	7.631	259.6	20.01	13.52	5.925	261	23.47	11.14	81.1	82.4	-1.36	43.73	40.68	26.195	701.83	0	
"2014-06-02	12:00:00"	6.496	299	32.99	14.12	4.555	300.9	38.5	12.33	87.2	88.9	-1.77	30.24	27.48	26.197	868.36	0	
"2014-06-02	13:00:00"	11.46	349.7	31.32	19.49	9.07	348.3	33.34	16.51	91.5	94.2	-2.681	24.84	21.65	26.199	961.17	0	
"2014-06-02	14:00:00"	12.67	16.67	16.96	20.09	10.42	14.94	21.94	18.3	93	95.9	-2.886	26.33	22.88	26.195	979	0	
"2014-06-02	15:00:00"	12.87	20.74	16.83	21.28	10.48	19.87	21.78	19.49	94.8	97.7	-2.88	24.87	21.47	26.184	978.82	0	
"2014-06-02	16:00:00"	9.99	25.29	28.21	20.09	8.31	23.88	32.79	17.7	97	99.4	-2.458	19.99	17.09	26.169	944.09	0	
"2014-06-02	17:00:00"	7.911	18.94	37.71	20.09	6.675	16.51	41.54	15.91	98.2	100.3	-2.107	16.62	13.98	26.159	820.84	0	
"2014-06-02	18:00:00"	6.864	60.99	40.73	14.12	5.686	63.94	43.86	13.52	98.7	100.2	-1.54	16.1	13.69	26.152	624.06	0	
"2014-06-02	19:00:00"	8.66	69.24	26.64	21.28	7.09	69.65	28.31	16.51	98.5	99.8	-1.222	18.44	16.06	26.148	440.42	0	
"2014-06-02	20:00:00"	8.57	35.86	12.44	16.51	7.129	35.17	15.89	14.12	97.8	98.5	-0.658	18.83	16.71	26.154	224.41	0	
"2014-06-02	21:00:00"	10.42	69.33	15.06	17.7	7.934	69.1	15.42	14.12	95.1	95	0.143	24.18	22.39	26.174	46.368	0	
"2014-06-02	22:00:00"	12.49	79.62	9.13	19.49	9.38	78.85	11.31	15.31	90.2	89.9	0.297	34.5	32.97	26.192	0.13752	0	
"2014-06-02	23:00:00"	16.18	125.1	14.28	24.86	12.27	124.6	15.04	21.28	87.6	87.4	0.197	39.94	38.37	26.215	0	0	
"2014-06-03	00:00:00"	17.08	140.7	7.708	27.24	13.34	138.9	8.51	21.28	84.6	84.5	0.142	42.84	41.09	26.239	0	0	
"2014-06-03	01:00:00"	16.39	144.8	8.39	26.05	12.87	142.7	9.07	21.87	81.5	81.4	0.111	46.73	45.03	26.243	0	0	
"2014-06-03	02:00:00"	14.39	141.9	8.6	23.07	11.28	140.1	9	18.89	78.84	78.7	0.134	49.29	47.7	26.245	0	0	
"2014-06-03	03:00:00"	11.88	146.5	8.92	17.7	9.33	144.7	9.51	14.12	76.4	76.27	0.128	53.08	51.6	26.245	0	0	
"2014-06-03	04:00:00"	9.62	147.5	7.721	13.52	7.532	144.9	8.21	11.74	74.3	74.16	0.138	57.25	55.87	26.246	0	0	
"2014-06-03	05:00:00"	8.6	145.4	7.009	11.74	6.541	143.3	7.779	9.35	72.36	72.2	0.16	61.23	59.99	26.246	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-06-03	06:00:00"	8.46	136.1	7.86	11.74	5.968	133	9.53	9.95	70.52	70.23	0.297	65.11	64.19	26.255	0	0
"2014-06-03	07:00:00"	9.12	124.2	7.47	11.74	6.174	122.2	9.73	9.35	68.77	68.37	0.398	68.87	68.23	26.259	3.4445	0
"2014-06-03	08:00:00"	10.57	123.3	7.918	15.91	7.794	122.9	10.48	12.33	68.53	68.62	-0.085	71.25	69.86	26.265	101.46	0
"2014-06-03	09:00:00"	12.35	151.9	12.36	18.3	9.98	149.4	12.97	16.51	71.27	71.86	-0.594	70.36	67.99	26.276	283.39	0
"2014-06-03	10:00:00"	12.32	158.6	12.56	18.89	10	156.5	13.94	15.91	74.38	75.54	-1.165	65.2	61.77	26.284	503.33	0
"2014-06-03	11:00:00"	11.57	158.6	14.66	18.89	9.37	156.4	16.19	15.91	78.39	79.94	-1.547	57.63	53.62	26.28	685.07	0
"2014-06-03	12:00:00"	12.3	147.4	17.54	20.09	10.14	145.8	18.02	16.51	82.5	84.3	-1.896	49.4	45.02	26.275	852.87	0
"2014-06-03	13:00:00"	13.86	149.3	14.78	21.87	11.3	147.5	16.43	20.09	85.9	88.2	-2.236	41.31	37.3	26.266	957.16	0
"2014-06-03	14:00:00"	12.77	147.9	16.23	21.87	10.47	146.1	16.58	19.49	88.8	91.1	-2.277	36.37	32.78	26.248	999.31	0
"2014-06-03	15:00:00"	12.24	159.5	17.6	20.09	10.12	157.5	19.4	17.1	91.4	93.7	-2.285	30.79	27.43	26.225	973.51	0
"2014-06-03	16:00:00"	13.76	160.4	15.76	24.86	11.22	158.8	17.69	21.87	93.2	95.5	-2.281	27.8	24.57	26.201	928.69	0
"2014-06-03	17:00:00"	14.61	161.5	18.33	30.82	11.91	159.7	20.42	27.24	94.7	96.8	-2.033	24.55	21.57	26.184	809.54	0
"2014-06-03	18:00:00"	15.1	168.5	17.47	25.45	12.18	166.6	19.54	23.07	95	96.8	-1.796	24.06	21.23	26.17	630.83	0
"2014-06-03	19:00:00"	15.3	168.8	15.09	23.66	12.31	166.6	16.92	20.68	94.4	95.7	-1.313	26.12	23.49	26.164	417.73	0
"2014-06-03	20:00:00"	16.05	165.5	10.54	23.66	12.89	163.4	12.53	20.68	92.9	93.5	-0.631	28.07	25.88	26.163	224.23	0
"2014-06-03	21:00:00"	18.94	148.4	9.84	27.84	15.17	146.7	10.33	24.26	89.2	89.2	-0.083	34.82	33	26.161	36.212	0
"2014-06-03	22:00:00"	18.23	153.5	10.29	28.43	14.7	151.5	10.37	23.66	84.8	84.8	0.077	41.37	39.56	26.169	0.13401	0
"2014-06-03	23:00:00"	17.4	164.6	9.95	27.84	14.04	161.9	11.62	24.26	81.6	81.5	0.095	45.46	43.75	26.182	0	0
"2014-06-04	00:00:00"	19.64	171.2	7.697	29.63	15.53	168.7	9.91	24.26	78.74	78.65	0.092	49.92	48.34	26.187	0	0
"2014-06-04	01:00:00"	18.05	173.4	7.065	25.45	14.11	171	9.79	21.87	76.64	76.56	0.087	54.73	53.24	26.184	0	0
"2014-06-04	02:00:00"	18.47	176.1	6.784	26.65	14.41	173.6	9.74	23.07	75.2	75.12	0.079	59.31	57.9	26.178	0	0
"2014-06-04	03:00:00"	16.88	179.7	6.972	24.26	13.19	176.9	9.92	22.47	74	73.91	0.086	61.99	60.69	26.169	0	0
"2014-06-04	04:00:00"	14.53	178.7	6.796	21.28	11.4	175.7	9.9	17.7	72.97	72.84	0.132	63.37	62.2	26.158	0	0
"2014-06-04	05:00:00"	14.1	177.8	6.756	18.89	11.02	175.3	9.96	15.91	71.89	71.73	0.161	65.29	64.23	26.146	0	0
"2014-06-04	06:00:00"	11.18	184.9	11.04	17.7	8.6	184.6	14.56	14.72	70.85	70.65	0.197	66.96	66.02	26.146	0	0
"2014-06-04	07:00:00"	6.489	201	13.71	11.14	5.02	198.7	13.72	9.35	69.28	69.02	0.257	69.54	68.76	26.159	1.5982	0
"2014-06-04	08:00:00"	7.403	192.5	9.22	12.33	5.665	191.8	11.72	11.14	68.95	68.98	-0.037	70.56	69.33	26.161	96.783	0
"2014-06-04	09:00:00"	14.03	182.5	8.23	20.09	11.05	181.1	12.53	16.51	71.92	72.56	-0.635	65.51	63.06	26.162	288.47	0
"2014-06-04	10:00:00"	11.4	185.4	12.15	19.49	9.23	183.1	15.55	15.31	76.21	77.37	-1.16	57.35	54.02	26.177	493.03	0
"2014-06-04	11:00:00"	8.79	208.1	18.62	15.31	7.335	207	22.41	12.93	81.9	83.1	-1.279	46.22	42.86	26.172	689.49	0
"2014-06-04	12:00:00"	9.13	210.7	18.03	15.91	7.729	209.3	20.87	13.52	87.5	89	-1.528	36.92	34.02	26.159	853.64	0
"2014-06-04	13:00:00"	9.76	215	20.88	17.7	8.05	214.6	24.72	15.31	92.4	94.2	-1.789	30.11	27.19	26.152	959.06	0
"2014-06-04	14:00:00"	8.68	217.1	26.78	17.7	7.157	218.5	31.32	15.91	95.8	97.6	-1.828	25.28	22.45	26.135	1005	0
"2014-06-04	15:00:00"	7.627	204.5	45.84	16.51	6.382	204.5	51.36	14.12	98.1	99.8	-1.659	21.01	18.4	26.116	976.36	0
"2014-06-04	16:00:00"	7.339	207.7	58.16	17.7	6.029	209	61.84	14.72	100.3	102.1	-1.774	17.84	15.27	26.095	918.47	0
"2014-06-04	17:00:00"	10.63	185.5	22.98	21.87	8.69	182.6	25.76	19.49	101.6	103.5	-1.853	17.12	14.5	26.075	815.47	0
"2014-06-04	18:00:00"	11.51	183.8	22.39	21.87	9.37	181.7	25.31	17.7	102	103.6	-1.635	16.69	14.17	26.057	641.23	0
"2014-06-04	19:00:00"	14.39	181.3	18.19	25.45	11.48	178.8	20.54	21.87	101.4	102.5	-1.192	17.97	15.57	26.048	437.83	0
"2014-06-04	20:00:00"	19.43	176.2	8.6	27.84	15.29	173.9	11.35	23.66	99.3	99.9	-0.558	19.88	17.72	26.051	228.85	0
"2014-06-04	21:00:00"	19.85	165.8	9.8	30.82	15.76	163.2	11.39	26.65	95.4	95.3	0.046	22.38	20.54	26.065	51.555	0
"2014-06-04	22:00:00"	18.12	166.1	9.29	27.24	14.27	163.4	10.91	22.47	90.6	90.3	0.24	26.8	25.18	26.076	0.20172	0
"2014-06-04	23:00:00"	15.38	162.4	9.54	24.86	12.27	159.1	10.44	23.07	86.5	86.3	0.236	30.86	29.32	26.095	0	0
"2014-06-05	00:00:00"	17	175.4	7.697	24.26	13.05	172.8	10.18	20.68	83.5	83.2	0.238	35.88	34.45	26.116	0	0
"2014-06-05	01:00:00"	18.96	175.2	6.465	25.45	14.84	172.3	9.58	20.68	80.7	80.5	0.166	42.25	40.66	26.115	0	0
"2014-06-05	02:00:00"	17.31	180.7	7.397	24.26	13.53	178.3	10.55	20.68	78.17	78.04	0.126	49.19	47.61	26.118	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-05	03:00:00"	14.05	182.3	8.39	20.68	11.05	180.8	11.48	17.7	76.29	76.16	0.13	53.26	51.8	26.113	0
"2014-06-05	04:00:00"	13.93	181.5	7.26	19.49	10.97	178.8	9.98	16.51	74.76	74.61	0.149	55.5	54.12	26.104	0
"2014-06-05	05:00:00"	9.89	187.4	8.71	14.12	7.63	187.5	12.58	12.93	72.87	72.67	0.207	58.66	57.46	26.103	0
"2014-06-05	06:00:00"	8.06	202.9	17.44	14.72	6.375	202	18.47	12.33	71.48	71.22	0.268	61.27	60.21	26.1	0
"2014-06-05	07:00:00"	9.81	186.5	9.28	14.12	7.47	186.1	12.88	12.33	70.16	69.91	0.25	64.35	63.39	26.095	2.8954
"2014-06-05	08:00:00"	8.58	198	12.4	14.12	6.716	199	15.23	12.33	69.23	69.28	-0.055	67.08	65.64	26.104	98.534
"2014-06-05	09:00:00"	13.17	185.4	8.34	18.89	10.4	183.5	12.45	16.51	73.64	74.19	-0.547	59.69	57.33	26.107	291.01
"2014-06-05	10:00:00"	11.04	188	13.22	17.1	8.79	186.3	17.18	13.52	77.28	78.43	-1.156	52.57	49.25	26.118	496.25
"2014-06-05	11:00:00"	7.724	211.3	17.9	12.33	6.467	212	21.99	10.54	81.8	83	-1.207	44.02	40.89	26.121	691.64
"2014-06-05	12:00:00"	5.577	222.8	36.67	12.33	4.599	226	39.75	11.14	86.7	88.1	-1.426	35.45	32.73	26.115	851.56
"2014-06-05	13:00:00"	4.755	147.6	75.45	15.31	3.655	143.6	74.2	12.93	91.8	93.2	-1.356	28.67	26.11	26.111	959.41
"2014-06-05	14:00:00"	8.44	30.68	26.98	16.51	7.047	31.09	30.92	15.91	95.9	98.3	-2.445	21.66	18.67	26.1	1004.5
"2014-06-05	15:00:00"	7.873	42.81	37.51	17.1	6.54	41.88	41.19	15.91	98.3	100.6	-2.267	18.12	15.38	26.085	972.28
"2014-06-05	16:00:00"	7.495	62.97	35.32	19.49	6.154	64.25	37.91	16.51	99.8	101.8	-1.939	17.66	15.01	26.069	930.07
"2014-06-05	17:00:00"	6.193	83.8	54.64	14.72	5.121	86.3	60.74	13.52	101	102.3	-1.364	17.26	14.8	26.05	809.37
"2014-06-05	18:00:00"	8.52	142	47.06	19.49	6.945	137.5	42.82	17.1	102.1	103.4	-1.377	15.58	13.19	26.029	601.14
"2014-06-05	19:00:00"	11.49	157.8	24.4	24.86	9.11	155.3	25.64	21.28	101.6	102.3	-0.728	15.55	13.36	26.019	204.07
"2014-06-05	20:00:00"	20.92	160	10.97	32.61	16.66	157.1	11.47	29.03	98.2	98.3	-0.132	20.61	18.62	26.016	70.717
"2014-06-05	21:00:00"	19.59	156.6	11.66	33.21	15.88	153.4	12.28	27.84	93.8	93.7	0.077	27.09	25.62	26.048	31.382
"2014-06-05	22:00:00"	16.94	149.2	10.26	28.43	13.42	146.7	10.48	22.47	89	88.5	0.562	34.86	34.18	26.079	1.3552
"2014-06-05	23:00:00"	16.48	159.5	9.48	30.22	13.18	156	11.01	24.26	85.5	85.3	0.196	40.83	39.31	26.101	0
"2014-06-06	00:00:00"	16.63	161.3	10.18	27.24	13.32	157.6	11.09	23.07	82.7	82.5	0.163	45.66	44.06	26.118	0
"2014-06-06	01:00:00"	17.38	166.8	9.57	28.43	13.73	164	11.05	24.86	80.2	80	0.125	52.79	51.29	26.119	0
"2014-06-06	02:00:00"	14.39	168.2	9.18	23.66	11.37	165.3	11.21	20.68	77.76	77.64	0.118	59	57.63	26.119	0
"2014-06-06	03:00:00"	13.55	171	7.586	21.28	10.59	168	9.82	16.51	76.06	75.93	0.128	62.62	61.38	26.106	0
"2014-06-06	04:00:00"	11.8	189.8	13.18	21.87	9.16	189	15.77	17.7	74.55	74.42	0.136	65.58	64.44	26.101	0
"2014-06-06	05:00:00"	10.15	180.3	10.84	16.51	7.72	179.4	14.6	13.52	73.4	73.18	0.224	67.62	66.69	26.095	0
"2014-06-06	06:00:00"	9.52	168.9	11.36	15.31	7.4	166.5	13.75	13.52	72.47	72.24	0.237	69.16	68.33	26.1	0
"2014-06-06	07:00:00"	7.88	162	12.17	12.33	6.078	159.6	13.48	10.54	71.7	71.41	0.287	70.14	69.45	26.114	1.8792
"2014-06-06	08:00:00"	7.894	133.1	38.52	14.12	6.309	131.2	38.17	11.74	71.33	71.37	-0.039	70.98	69.78	26.134	100.82
"2014-06-06	09:00:00"	11.61	93.8	15.66	18.3	9.3	92.7	16.61	15.31	73.22	73.86	-0.638	68.27	65.89	26.16	292.84
"2014-06-06	10:00:00"	15.35	126.1	11.13	22.47	12.03	125.6	12.48	18.3	76.94	78.19	-1.254	61.59	58.06	26.159	496.23
"2014-06-06	11:00:00"	14.68	140	13.55	21.87	11.76	139.1	14.07	20.68	80.6	82.3	-1.68	54.69	50.52	26.147	687.39
"2014-06-06	12:00:00"	13.29	143.3	16.91	21.28	10.7	142.2	16.81	17.7	84.5	86.6	-2.06	46.71	42.19	26.143	841.51
"2014-06-06	13:00:00"	14.07	135.8	15.59	21.28	11.46	134.6	16.24	18.3	88.1	90.5	-2.31	39.58	35.68	26.139	944.82
"2014-06-06	14:00:00"	15.32	138.5	19.52	27.84	12.49	137	20.62	26.65	90.9	93.4	-2.454	35.27	31.55	26.125	986.84
"2014-06-06	15:00:00"	17.12	148	20.33	30.22	13.76	146.7	20.9	25.45	93.3	95.9	-2.578	31.26	27.66	26.105	955.6
"2014-06-06	16:00:00"	17.19	155.6	15.82	27.24	13.94	153.1	16.64	23.07	94.5	96.9	-2.408	28.73	25.33	26.085	917.94
"2014-06-06	17:00:00"	18.58	156.7	17.81	31.42	14.91	154.7	18.44	26.65	95.3	97.4	-2.09	28.43	25.26	26.066	796.4
"2014-06-06	18:00:00"	20.08	156.5	15.15	32.61	16.1	153.8	15.75	27.24	94.5	96.3	-1.734	28.7	25.74	26.052	638.19
"2014-06-06	19:00:00"	23.9	156.3	11.73	34.4	19.29	153.7	12.36	29.63	92	92.8	-0.736	31.58	29.25	26.043	191.16
"2014-06-06	20:00:00"	22.21	174.2	40.25	37.38	17.5	171	41.55	32.01	90.6	90.7	-0.106	26.65	24.81	26.056	61.347
"2014-06-06	21:00:00"	24.56	163.3	9.73	36.19	19.75	160	11.11	30.22	86.7	86.8	-0.122	37.61	35.85	26.033	34.205
"2014-06-06	22:00:00"	22.26	164.4	9.95	36.19	17.95	160.9	11.14	29.63	84.4	84.4	0.002	41.61	39.82	26.064	1.4495
"2014-06-06	23:00:00"	22.87	166.6	9.2	35	18.19	163.5	10.97	33.8	81.6	81.6	0.035	48.33	46.6	26.075	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-06-07	00:00:00"	22.94	169	9.06	39.17	18.24	165.8	11.13	29.63	79.48	79.46	0.028	53.78	52.18	26.093	0	0
"2014-06-07	01:00:00"	21.76	170.9	8.66	33.8	17.25	168.1	11.09	26.05	77.99	77.95	0.034	56.68	55.15	26.097	0	0
"2014-06-07	02:00:00"	17.02	146.3	22.16	29.03	13.5	143.9	21.42	25.45	77.2	77.11	0.09	57.61	56.17	26.109	0	0
"2014-06-07	03:00:00"	14.8	126.6	21.63	24.86	11.59	125.2	21.64	21.28	76.41	76.26	0.15	58.88	57.58	26.112	0	0
"2014-06-07	04:00:00"	13.9	123.4	21.32	23.07	10.73	122	22.14	20.09	75.42	75.24	0.178	59.98	58.79	26.118	0	0
"2014-06-07	05:00:00"	15.49	131.5	19.03	24.86	12.15	130.7	19.43	21.28	74.46	74.31	0.154	61.4	60.19	26.117	0	0
"2014-06-07	06:00:00"	14.08	134.2	14.01	23.66	10.89	132.8	14.29	18.89	73.07	72.92	0.156	64.5	63.37	26.121	0	0
"2014-06-07	07:00:00"	14.24	139.3	11.91	21.87	11.17	137.9	12.18	17.7	71.66	71.54	0.114	68.47	67.36	26.121	2.0213	0
"2014-06-07	08:00:00"	14.9	133.3	17.09	23.66	11.78	131.8	17.43	21.87	71.35	71.44	-0.094	70.57	69.2	26.137	83.501	0
"2014-06-07	09:00:00"	18.73	139.2	10.82	26.65	14.74	138	11.29	23.07	72.7	73.29	-0.596	67.54	65.18	26.163	269.34	0
"2014-06-07	10:00:00"	16.07	127.5	11.74	24.26	12.75	126.7	12.73	20.09	74.11	75.28	-1.165	64.79	61.34	26.197	408.25	0
"2014-06-07	11:00:00"	16.38	130	15.11	25.45	13.13	129.3	15.97	21.28	76.13	77.73	-1.598	60.72	56.52	26.197	586.91	0
"2014-06-07	12:00:00"	14.45	140.7	17.51	25.45	11.76	139.3	18.57	24.26	78.55	80.6	-2.021	54.89	50.11	26.188	824.47	0
"2014-06-07	13:00:00"	11.05	134.4	25.01	18.89	8.97	134.1	26.59	16.51	81.7	83.8	-2.125	48.8	44.05	26.186	920.97	0
"2014-06-07	14:00:00"	8.98	131	37.53	24.86	7.414	130	38.8	21.87	85	86.9	-1.92	43.66	39.49	26.171	962.54	0
"2014-06-07	15:00:00"	8.92	156.7	40.17	17.7	7.336	158.6	44.01	15.31	87.7	89.9	-2.149	39.18	35.55	26.153	967.86	0
"2014-06-07	16:00:00"	8.67	133.1	38.5	18.3	7.147	132.1	41.79	15.31	90	92	-2.002	35.58	32.21	26.129	924.08	0
"2014-06-07	17:00:00"	9.45	129.8	35.45	17.1	7.725	129.2	37.35	15.31	91.4	93.1	-1.752	33.87	30.75	26.11	627.6	0
"2014-06-07	18:00:00"	10.73	125.6	25.13	32.01	8.64	124.9	25.46	24.26	92	93.4	-1.392	33.46	30.6	26.093	382.77	0
"2014-06-07	19:00:00"	15.35	125	15.19	27.84	12.09	124.8	15.63	22.47	90.9	91.8	-0.898	35.48	32.97	26.087	143.88	0
"2014-06-07	20:00:00"	19.35	140.1	17.75	29.63	15.01	139.9	17.7	24.26	88.4	88.6	-0.207	39.65	38.3	26.074	104.12	0.01
"2014-06-07	21:00:00"	15.25	124.3	8.69	22.47	11.65	123.6	10.82	19.49	84.7	84.8	-0.094	48.5	46.72	26.098	46.732	0
"2014-06-07	22:00:00"	13.56	138.7	8.72	18.89	10.61	137.2	9.08	15.31	82.6	82.6	0.052	50.04	48.41	26.122	0.32984	0
"2014-06-07	23:00:00"	16.68	137.3	6.948	26.05	13.06	136	7.907	21.28	80.4	80.3	0.052	52.44	50.84	26.132	0	0
"2014-06-08	00:00:00"	12.94	146	10.34	21.87	10.15	144.2	10.66	18.89	78.89	78.83	0.067	54.46	52.95	26.148	0	0
"2014-06-08	01:00:00"	13.55	154.4	10.48	23.07	11	150.8	11.12	20.09	78.37	78.33	0.04	55.07	53.54	26.146	0	0
"2014-06-08	02:00:00"	10.37	111.7	47.57	16.51	8.2	109.7	47.56	14.72	77.24	77.22	0.022	56.93	55.41	26.16	0	0
"2014-06-08	03:00:00"	17.33	69.06	15.5	29.03	13.6	69.22	15.64	24.26	70.48	70.67	-0.186	70.98	69.06	26.189	0	0
"2014-06-08	04:00:00"	21.03	33.3	10.21	32.01	16.83	33.9	12.56	26.05	65.04	65.47	-0.434	81.7	79.8	26.222	0	0
"2014-06-08	05:00:00"	17.12	53.43	8.78	25.45	13.75	54.47	10.46	21.28	63.39	63.78	-0.391	79.15	77.17	26.196	0	0
"2014-06-08	06:00:00"	14.76	70.16	10.53	23.66	11.35	69.67	11.54	19.49	62.78	62.97	-0.184	83.5	82	26.193	0	0
"2014-06-08	07:00:00"	10.79	77	10.06	15.31	8.29	75.66	11.37	12.93	62.56	62.93	-0.374	83.1	81.2	26.206	0.48108	0
"2014-06-08	08:00:00"	8.97	63.42	7.993	12.93	7.256	63.38	10.12	11.74	63.04	63.53	-0.49	81.5	79.4	26.226	26.035	0
"2014-06-08	09:00:00"	7.49	68.26	14.75	11.14	6.023	67.84	15.39	9.95	64.14	64.66	-0.513	77.73	75.53	26.256	32.756	0
"2014-06-08	10:00:00"	8.5	91.8	9.48	12.93	6.754	91.2	11.81	11.14	64.71	65.12	-0.416	75.25	74.1	26.272	51.388	0
"2014-06-08	11:00:00"	10.3	116.4	17.25	16.51	8.27	115.9	19.29	14.72	66.66	67.44	-0.78	72.96	71.74	26.255	291.93	0
"2014-06-08	12:00:00"	11.61	61.98	19.69	16.51	9.45	62.34	20.08	14.72	67.46	68.1	-0.644	70.47	68.15	26.268	102.57	0
"2014-06-08	13:00:00"	9.21	73.84	17.35	14.12	7.309	73.31	18.36	12.93	64.86	65.34	-0.483	82.7	83.4	26.274	193.35	0.03
"2014-06-08	14:00:00"	10.46	90.7	17.16	16.51	8.49	89.9	18.48	14.12	66.57	67.43	-0.862	81.1	80.3	26.256	392.43	0
"2014-06-08	15:00:00"	11.85	65.92	12.48	16.51	9.63	65.74	13.85	14.72	67.64	68.74	-1.098	77.86	75.57	26.231	409.25	0
"2014-06-08	16:00:00"	12.19	81.3	11.09	19.49	9.74	80.6	13.53	17.7	71.42	72.98	-1.561	70.06	66.37	26.201	552.28	0
"2014-06-08	17:00:00"	12.93	89.1	13.73	19.49	10.37	88.5	15.5	17.1	74.45	75.74	-1.292	64.97	61.46	26.176	380.73	0
"2014-06-08	18:00:00"	14.33	119.7	13.96	23.07	11.21	120	15.49	20.09	78.17	79.67	-1.498	56.67	52.93	26.145	521.81	0
"2014-06-08	19:00:00"	14.72	137.3	15.07	22.47	11.41	136.8	15.34	18.89	80.7	81.8	-1.086	52.7	49.43	26.114	316.14	0
"2014-06-08	20:00:00"	14.29	116.4	13.73	21.87	10.84	116	15.18	17.1	79.87	80.2	-0.298	54.53	52.35	26.105	35.493	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-08	21:00:00"	11.98	83.7	18.94	18.89	9.36	83	18.93	15.31	77.92	77.96	-0.04	60.4	58.8	26.126	1.4468	0
"2014-06-08	22:00:00"	14.87	109.8	29.82	22.47	11.37	109.6	30.43	17.7	76.41	76.38	0.033	66.69	65.48	26.126	0.07329	0
"2014-06-08	23:00:00"	14.43	160.1	13.56	26.05	11.48	156.8	13.98	21.28	74.71	74.62	0.09	66.85	65.79	26.14	0	0
"2014-06-09	00:00:00"	13.38	172.5	11	22.47	10.43	169.6	12.91	18.3	73.01	72.77	0.234	68.01	67.22	26.124	0	0
"2014-06-09	01:00:00"	19.17	178.9	7.299	30.22	15.03	176.2	10.44	25.45	72.08	71.95	0.136	72.56	71.76	26.109	0	0
"2014-06-09	02:00:00"	14.3	188.6	9.94	22.47	11.09	189.4	13.74	17.7	70.45	70.33	0.124	77.7	76.96	26.097	0	0
"2014-06-09	03:00:00"	13.23	210.8	12.48	20.68	10.76	206.3	14.64	17.1	69.55	69.48	0.078	80.7	79.96	26.088	0	0
"2014-06-09	04:00:00"	11.5	212.8	12.62	17.7	9.42	207.9	15.56	15.91	68.96	68.86	0.093	82	81.3	26.088	0	0
"2014-06-09	05:00:00"	12.86	134.6	91.2	37.98	10.32	126.7	89.2	34.4	68.53	68.45	0.084	82.1	81.4	26.114	0	0
"2014-06-09	06:00:00"	21.77	41.34	11.03	32.61	17.61	41.68	12.88	29.03	60.92	61.18	-0.258	74.4	72.89	26.188	0	0
"2014-06-09	07:00:00"	18.37	47.92	8.29	26.65	14.81	48.22	9.58	22.47	60.36	60.61	-0.252	73.97	72.36	26.198	1.3348	0
"2014-06-09	08:00:00"	18.04	37.65	10.38	26.05	14.69	37.75	12.58	21.28	60.46	60.8	-0.344	74.76	72.99	26.217	29.332	0
"2014-06-09	09:00:00"	20.9	23.65	7.354	31.42	16.49	23.43	13.06	27.24	61.65	62.21	-0.567	69.76	67.52	26.242	130.05	0
"2014-06-09	10:00:00"	22.33	23.73	8.89	31.42	17.78	23.23	14.5	27.24	63	63.94	-0.936	62.39	59.47	26.261	293.37	0
"2014-06-09	11:00:00"	19.75	25.38	9.56	29.63	15.77	24.96	15.08	26.65	65.25	66.87	-1.619	54.59	50.61	26.273	522.6	0
"2014-06-09	12:00:00"	17.32	23.66	12.45	26.05	13.81	22.67	17.84	22.47	68.04	70.51	-2.462	49.68	44.6	26.28	828.48	0
"2014-06-09	13:00:00"	16.2	19.35	13.68	28.43	13.16	17.95	18.88	25.45	70.7	73.44	-2.748	41.23	36.72	26.28	948.28	0
"2014-06-09	14:00:00"	15.53	22.15	15.78	28.43	12.69	21.55	20.63	24.26	72.88	75.78	-2.894	35.81	31.76	26.269	993.55	0
"2014-06-09	15:00:00"	11.5	17.01	22.11	21.87	9.47	15.18	25.85	20.68	74.48	77.37	-2.894	33.3	29.38	26.253	966.11	0
"2014-06-09	16:00:00"	10.35	4.353	35.94	19.49	8.48	2.438	39.03	18.89	76.38	79.17	-2.786	31.04	27.32	26.237	936.59	0
"2014-06-09	17:00:00"	11.5	348.6	23.68	20.09	9.15	345.6	26.15	17.1	78.27	81	-2.71	27.24	23.8	26.222	820.69	0
"2014-06-09	18:00:00"	10.51	350.7	27.73	18.89	8.25	348.5	31.98	17.7	78.82	81.1	-2.301	26.5	23.32	26.217	650.41	0
"2014-06-09	19:00:00"	11.33	358.4	15.99	20.68	9.2	354.9	18.5	18.3	78.83	80.7	-1.835	26.1	23.2	26.211	450.01	0
"2014-06-09	20:00:00"	11.05	24.65	17.4	17.1	9.11	24.62	20.86	15.31	78.68	79.62	-0.948	25.15	22.82	26.204	240.67	0
"2014-06-09	21:00:00"	8.66	49.28	14.63	14.72	6.798	50.06	15.68	11.74	77.3	77.29	0.01	25.57	23.86	26.21	59.391	0
"2014-06-09	22:00:00"	7.507	65.99	7.404	9.95	4.456	64.11	10.55	6.964	72.26	71.14	1.124	30.73	29.84	26.228	0.41657	0
"2014-06-09	23:00:00"	7.541	69.6	6.207	9.35	4.305	66.85	11.41	6.368	67.77	66.28	1.495	35.78	35.53	26.252	0	0
"2014-06-10	00:00:00"	7.71	81.5	10.44	9.35	3.961	68.35	12.62	5.771	66.33	63.44	2.893	37.65	38.89	26.273	0	0
"2014-06-10	01:00:00"	10.89	56.15	7.5	15.91	7.975	56.24	8.89	14.12	64.45	63.81	0.636	42.73	41.71	26.287	0	0
"2014-06-10	02:00:00"	11.5	54.09	7.689	16.51	8.9	54.84	9.08	14.72	62.43	62.26	0.166	52.51	50.98	26.292	0	0
"2014-06-10	03:00:00"	9.78	53.35	7.252	13.52	7.438	54.97	8.77	12.33	60	59.8	0.192	59.97	58.63	26.29	0	0
"2014-06-10	04:00:00"	9.73	44.91	7.91	14.12	7.486	44.3	10	11.74	59.34	58.96	0.382	62.99	62.13	26.291	0	0
"2014-06-10	05:00:00"	9.46	37.63	6.661	12.93	7.011	37.16	8.66	10.54	57.56	57.09	0.477	67.8	67.17	26.29	0	0
"2014-06-10	06:00:00"	9.25	31.11	4.344	11.14	6.327	28.96	8.59	9.35	55.92	54.98	0.939	71.83	72.01	26.294	0	0
"2014-06-10	07:00:00"	9.8	24.57	4.624	11.74	6.835	26.18	9.66	9.95	54.22	53.65	0.57	74.66	74.43	26.298	3.1399	0
"2014-06-10	08:00:00"	7.588	16.08	7.657	10.54	5.543	11.74	13.4	8.75	55.97	56.02	-0.047	70.7	69.5	26.313	96.543	0
"2014-06-10	09:00:00"	8.47	30.62	12.98	12.33	7.228	31.02	15.72	11.74	60.88	61.7	-0.822	58.47	55.82	26.328	290.2	0
"2014-06-10	10:00:00"	9.05	60.2	16.09	12.93	7.635	59.91	17.83	11.74	65.16	66.38	-1.219	48.03	44.74	26.334	497.64	0
"2014-06-10	11:00:00"	5.718	82.5	30.5	11.74	4.649	86.2	37.57	9.35	69.37	70.57	-1.197	38.91	36.19	26.332	693.31	0
"2014-06-10	12:00:00"	5.36	163.7	41.92	13.52	4.486	161.1	47.52	11.74	73.25	74.46	-1.201	31.71	29.18	26.325	853.46	0
"2014-06-10	13:00:00"	7.928	197.8	34.52	16.51	6.714	194.6	38.97	14.12	76.33	78.11	-1.778	30	27.06	26.31	957.73	0
"2014-06-10	14:00:00"	8.61	200.2	27.91	19.49	7.207	199.2	32.39	15.31	78.78	80.7	-1.965	28.97	25.93	26.292	999.17	0
"2014-06-10	15:00:00"	8.13	194.9	38.91	19.49	6.819	194.6	40.87	15.91	81.2	83.3	-2.042	26.53	23.49	26.267	975.27	0
"2014-06-10	16:00:00"	7.959	224.2	50.14	16.51	6.492	228.7	52.36	13.52	83.8	85.8	-2.027	23.69	20.79	26.24	939.75	0
"2014-06-10	17:00:00"	7.03	194.3	57.25	18.89	5.855	192.1	59.83	14.72	85.6	87.2	-1.554	21.92	19.29	26.214	825.14	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-10	18:00:00"	6.671	226.8	31.04	14.72	5.46	230.1	35.52	12.93	87.4	88.8	-1.422	20.36	17.86	26.191	654.08	0	
"2014-06-10	19:00:00"	7.099	193.3	31.11	16.51	5.843	192.6	34.91	14.12	88	89.1	-1.073	19.39	17.08	26.174	452.41	0	
"2014-06-10	20:00:00"	6.353	185.7	22.22	14.12	5.059	184.3	26.91	11.74	88.2	88.8	-0.665	19.06	16.94	26.17	237.76	0	
"2014-06-10	21:00:00"	6.048	166.4	10.63	10.54	4.708	162.1	10.99	9.35	87.5	87.3	0.157	19.53	17.84	26.172	56.296	0	
"2014-06-10	22:00:00"	7.384	140.6	11.97	9.95	4.079	131.6	13.64	6.368	83.8	81.3	2.489	21.6	21.38	26.175	0.3389	0	
"2014-06-10	23:00:00"	8.63	116.6	14.91	13.52	5.004	109.9	18.74	10.54	78.36	76.27	2.096	25.23	24.94	26.182	0	0	
"2014-06-11	00:00:00"	10.86	150.7	9.27	15.31	8.38	147.5	9.73	12.93	77.71	77.16	0.549	27.57	26.28	26.193	0	0	
"2014-06-11	01:00:00"	8.96	157.8	9.14	13.52	7.013	154	9.47	11.14	75.21	74.77	0.441	31.68	30.35	26.197	0	0	
"2014-06-11	02:00:00"	9.03	155.9	7.963	12.93	6.869	151.3	8.72	11.14	73.55	72.96	0.599	35.3	34.17	26.189	0	0	
"2014-06-11	03:00:00"	7.946	149.8	8.23	11.74	5.658	146.4	8.07	9.35	72.02	71.34	0.681	37.31	36.41	26.18	0	0	
"2014-06-11	04:00:00"	7.133	152.8	8.54	9.95	5.035	147.9	7.871	8.16	71.38	70.63	0.746	37.4	36.6	26.17	0	0	
"2014-06-11	05:00:00"	5.914	135	19.64	8.75	3.268	120.6	24.51	6.368	69.03	67.19	1.84	40.45	40.75	26.168	0	0	
"2014-06-11	06:00:00"	5.761	130.1	13.68	9.35	2.207	109.8	22.23	7.561	66.23	64.26	1.973	44.04	44.38	26.167	0	0	
"2014-06-11	07:00:00"	7.554	140.2	10.73	11.14	5.19	134.7	12.13	8.16	67.1	66.37	0.736	47.13	46.23	26.16	2.9743	0	
"2014-06-11	08:00:00"	7.352	154.6	16.63	13.52	5.465	148.7	19.71	11.14	67.67	67.39	0.287	48.74	47.42	26.161	106.79	0	
"2014-06-11	09:00:00"	12.6	178.6	6.872	19.49	9.9	175.9	10.22	15.91	73.5	73.95	-0.452	42.03	39.9	26.164	291.33	0	
"2014-06-11	10:00:00"	11.85	187.1	11.35	17.7	9.46	185.4	14.29	17.1	77.74	78.57	-0.835	37.42	35.11	26.167	390.43	0	
"2014-06-11	11:00:00"	9.49	195.4	13.68	14.72	7.654	194.5	17.19	12.33	82.4	83.6	-1.196	32.65	30.14	26.158	580.79	0	
"2014-06-11	12:00:00"	9.68	220.9	24.89	17.7	8	221.6	28.31	16.51	88.1	89.5	-1.44	26.22	23.62	26.154	826.07	0	
"2014-06-11	13:00:00"	10.92	268.3	19.74	20.68	8.5	270.1	22.16	17.7	91.4	93.5	-2.057	23.19	20.35	26.146	916.45	0	
"2014-06-11	14:00:00"	10.15	268.6	26.85	21.87	7.684	271.3	28.74	21.87	94.9	97.2	-2.282	20.37	17.49	26.129	977.92	0	
"2014-06-11	15:00:00"	12.82	307.5	20.91	24.26	8.97	308.2	22.51	17.7	97.7	100.4	-2.628	15.81	13.03	26.112	854.22	0	
"2014-06-11	16:00:00"	9.37	296.1	33.78	20.68	6.82	295.9	33.69	17.1	97.5	99.4	-1.85	15.11	12.61	26.101	600.82	0	
"2014-06-11	17:00:00"	7.178	329	73.9	20.09	5.496	321.8	76.41	13.52	97.9	99.8	-1.838	15.43	12.9	26.077	805.94	0	
"2014-06-11	18:00:00"	7.152	267.3	62.05	19.49	5.685	269.5	65.2	15.31	99.3	100.9	-1.554	13.94	11.55	26.055	628.96	0	
"2014-06-11	19:00:00"	12.66	259	14.88	20.68	10	262.1	18.03	18.89	99.2	99.7	-0.52	13.37	11.29	26.042	167.62	0	
"2014-06-11	20:00:00"	11.28	258.8	16.41	20.68	8.57	262.2	18.91	17.1	98.9	99.4	-0.416	13.79	11.85	26.038	206.62	0	
"2014-06-11	21:00:00"	5.268	239	20.2	14.12	3.73	232.1	31.76	11.14	97	96.5	0.571	14.6	12.98	26.044	37.672	0	
"2014-06-11	22:00:00"	6.935	147	45.98	17.7	4.914	136.6	38.23	14.12	93.4	91.9	1.541	18.44	17.3	26.056	0.26006	0	
"2014-06-11	23:00:00"	13.84	139.6	10.25	20.68	10.63	139.1	10.59	18.89	88.5	87.9	0.599	22.93	21.45	26.075	0	0	
"2014-06-12	00:00:00"	13.29	123.6	8.1	20.09	9.83	124	10.41	15.91	83.6	83.1	0.474	33.1	31.69	26.094	0	0	
"2014-06-12	01:00:00"	13.54	130.3	11.89	23.07	10.38	129.7	12.47	20.09	80.7	80.4	0.348	40.16	38.74	26.106	0	0	
"2014-06-12	02:00:00"	11.45	137.2	39.48	22.47	8.93	135.7	41.29	19.49	77.66	77.37	0.285	47.07	45.56	26.111	0	0	
"2014-06-12	03:00:00"	5.304	56.06	30.12	8.75	3.864	46.97	35.19	7.561	75.29	73.63	1.657	51.31	51.58	26.121	0	0	
"2014-06-12	04:00:00"	4.603	68.52	41.68	9.35	3.202	52.21	46.89	6.964	74	70.85	3.15	52.32	54.93	26.123	0	0	
"2014-06-12	05:00:00"	4.125	59.01	48.19	9.95	3.067	24.03	50.75	6.964	74.48	69.6	4.882	49.67	55.51	26.128	0	0	
"2014-06-12	06:00:00"	5.427	342.8	51.68	13.52	3.579	2.158	56.05	8.75	74.38	69.03	5.353	48.39	55.13	26.14	0	0	
"2014-06-12	07:00:00"	6.262	326.9	33.07	16.51	3.801	319.9	49.49	12.93	70.98	67.94	3.043	53.58	56.77	26.153	2.0881	0	
"2014-06-12	08:00:00"	16.11	0.79	13.79	24.86	11.59	356.6	17.18	19.49	69.16	69.12	0.037	61.67	60.4	26.183	89.774	0	
"2014-06-12	09:00:00"	13.31	187.5	68.13	26.65	14.42	9.2	14.74	24.26	70	70.43	-0.423	56.38	54.19	26.205	275.67	0.01	
"2014-06-12	10:00:00"	21.29	12.84	45.53	32.01	14.91	13.03	52.91	27.84	72.44	73.9	-1.455	54.99	51.14	26.238	522.9	0.1	
"2014-06-12	11:00:00"	21.45	19.28	9.04	35.59	16.57	20.52	16.09	27.84	73.43	75.01	-1.579	54.13	50.03	26.26	395.77	0	
"2014-06-12	12:00:00"	20.48	17.7	10.23	27.24	16.09	18.12	16.95	24.86	75.74	78.09	-2.349	51.53	46.48	26.272	788.3	0	
"2014-06-12	13:00:00"	17.77	19	12.31	26.05	14.24	19.65	18.61	21.28	79.07	82	-2.889	47.11	41.48	26.275	918.1	0	
"2014-06-12	14:00:00"	17.33	29	13.87	25.45	14.32	31.3	17.81	23.66	81.4	84.5	-3.021	44.48	38.89	26.272	961.2	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-06-12	15:00:00"	16.45	29.06	13.92	24.86	13.72	31.54	17.9	23.07	83.4	86.4	-3.004	41.83	36.87	26.262	911.41	0
"2014-06-12	16:00:00"	13.7	39.56	17.52	24.26	11.6	42.09	20.4	20.68	85.2	88	-2.798	40.08	35.63	26.254	900.42	0
"2014-06-12	17:00:00"	12.86	41.11	21.83	20.68	10.77	43.49	24.42	18.3	86.4	89	-2.574	38.9	34.83	26.249	773.77	0
"2014-06-12	18:00:00"	14.67	41.08	17.46	24.26	12.28	44.62	19.44	22.47	86.5	88.7	-2.14	40.78	36.8	26.244	605.17	0
"2014-06-12	19:00:00"	16.54	38.84	12.25	23.66	13.92	41.42	14.72	20.09	85	86.6	-1.629	43.82	39.78	26.237	407.93	0
"2014-06-12	20:00:00"	15.38	41.72	11.76	22.47	12.94	44.62	13.22	18.89	83.3	84.3	-0.978	45.59	42.28	26.247	209.75	0
"2014-06-12	21:00:00"	16.19	48.98	9.23	23.66	13.52	51.61	10.36	20.68	80.9	81.2	-0.326	50.06	47.66	26.261	49.55	0
"2014-06-12	22:00:00"	15.13	52.92	9.18	21.28	12.4	55.83	10.38	20.09	77.82	77.88	-0.062	55.09	53.2	26.275	0.41434	0
"2014-06-12	23:00:00"	15.07	63.99	8.57	23.07	11.8	66.6	10.45	18.89	75.23	75.26	-0.028	61.14	59.46	26.296	0	0
"2014-06-13	00:00:00"	17.82	71.8	8.23	24.86	13.77	74.3	10.02	21.87	72.66	72.69	-0.03	67.35	65.81	26.321	0	0
"2014-06-13	01:00:00"	15.68	75.62	7.57	23.07	12.05	77.2	9.96	18.89	70.18	70.2	-0.02	71.3	69.9	26.335	0	0
"2014-06-13	02:00:00"	15.21	76.28	7.197	23.07	11.42	78.06	9.77	18.89	68.65	68.64	0.009	74.22	72.94	26.34	0	0
"2014-06-13	03:00:00"	13.44	71.32	8.54	19.49	10.39	73.42	10.39	15.31	67.19	67.19	-0.001	77.69	76.51	26.345	0	0
"2014-06-13	04:00:00"	11.36	80.1	9.59	16.51	8.78	81.7	11.62	13.52	67.11	67.27	-0.158	78.36	76.91	26.348	0	0
"2014-06-13	05:00:00"	10.06	91.7	9.5	17.1	7.984	93.9	10.9	14.12	67.64	67.89	-0.243	77.22	75.56	26.35	0	0
"2014-06-13	06:00:00"	9.53	76.32	17.38	16.51	7.515	77.92	17.75	13.52	67.55	67.66	-0.104	77.95	76.52	26.345	0	0
"2014-06-13	07:00:00"	7.489	68.37	12.16	14.12	5.809	69.89	13.35	11.14	66.46	66.56	-0.105	80.9	79.58	26.353	2.0115	0
"2014-06-13	08:00:00"	11.48	83.4	9.08	16.51	8.91	85.3	10.99	14.12	67.56	67.97	-0.415	81.5	79.57	26.369	69.138	0
"2014-06-13	09:00:00"	12.45	96.4	10.79	17.7	9.94	98.5	12.4	15.31	68.05	68.51	-0.461	80.9	78.79	26.379	54.678	0
"2014-06-13	10:00:00"	11.81	93.6	12.7	17.1	9.52	95.5	14.94	14.12	67.53	68.26	-0.729	84.6	82.1	26.379	151.76	0
"2014-06-13	11:00:00"	11.68	111.2	15.94	18.3	9.48	113.2	17.54	14.72	70.88	71.92	-1.038	73.94	70.64	26.364	268.99	0
"2014-06-13	12:00:00"	10.27	134.8	19.75	15.31	8.45	136.4	20.58	13.52	73.36	74.65	-1.292	68.06	64.32	26.352	377.35	0
"2014-06-13	13:00:00"	6.974	178.1	27.39	12.93	5.751	178	28.76	11.14	75.01	76.11	-1.106	64.91	61.57	26.339	420.91	0
"2014-06-13	14:00:00"	8.64	156.9	30.53	19.49	7.247	158.2	33.11	14.72	78.2	80	-1.795	59.08	54.65	26.306	909.38	0
"2014-06-13	15:00:00"	10.82	135.4	21.47	19.49	8.98	135.8	23.74	17.1	82.5	84.7	-2.196	49.8	44.9	26.268	932.5	0
"2014-06-13	16:00:00"	12.7	157.6	22.93	22.47	10.44	159.6	23.62	18.89	86.1	88.4	-2.236	39.99	36.09	26.234	869.96	0
"2014-06-13	17:00:00"	11.23	153	22.05	22.47	9.04	154.4	23.12	18.3	88	89.6	-1.569	37.05	33.97	26.205	435.07	0
"2014-06-13	18:00:00"	13.07	147.9	17.6	20.68	10.53	148.7	17.34	17.1	89.3	90.5	-1.115	35.49	32.85	26.18	300.71	0
"2014-06-13	19:00:00"	14.91	142.9	12.77	24.26	11.98	144.4	13.12	20.09	89.8	90.5	-0.759	34.51	32.16	26.165	189.55	0
"2014-06-13	20:00:00"	13.73	151.2	11.65	21.87	11.06	151.1	11.54	19.49	89.5	89.7	-0.2	33.28	31.4	26.152	65.205	0
"2014-06-13	21:00:00"	14.88	167.4	31.45	43.35	11.8	166.7	32.98	39.77	87.9	87.8	0.155	34.6	33.49	26.162	3.3893	0.13
"2014-06-13	22:00:00"	20.72	138.5	90.8	45.73	14.48	136.2	91.7	37.38	77.7	75.96	1.737	48.1	52.37	26.17	0.0888	0.2
"2014-06-13	23:00:00"	16.02	315.1	35.23	31.42	10.56	318.9	34.53	27.84	69.1	68.66	0.439	70.69	72.46	26.324	0	0.02
"2014-06-14	00:00:00"	7.6	73.87	58.39	17.7	5.787	79.44	61.39	15.91	67.99	67.58	0.402	74.48	77.12	26.285	0	0.01
"2014-06-14	01:00:00"	10.29	146.4	15.4	16.51	8.17	148.2	14.91	13.52	67.36	67.2	0.161	77.15	78.11	26.24	0	0
"2014-06-14	02:00:00"	10.6	156.4	11.1	17.7	8.38	156.6	11.91	14.72	68.41	67.97	0.443	70.33	71.57	26.238	0	0
"2014-06-14	03:00:00"	11.93	159.1	9.87	19.49	9.54	159	10.81	17.7	68.33	67.95	0.384	69.29	70.06	26.232	0	0
"2014-06-14	04:00:00"	6.771	171.8	19.62	11.74	5.327	173.3	23.74	9.95	66.78	66.56	0.222	75.42	75.87	26.224	0	0
"2014-06-14	05:00:00"	5.713	188.6	24.92	9.95	4.372	189	30.52	9.35	65.94	65.7	0.234	79.31	79.76	26.222	0	0
"2014-06-14	06:00:00"	10.9	190	15.76	18.3	8.66	191	18.87	15.91	66.06	65.91	0.157	79.52	79.65	26.212	0	0
"2014-06-14	07:00:00"	16.89	195	8.97	26.65	13.24	198.7	11.62	21.87	66.02	65.92	0.1	79.98	79.85	26.188	2.111	0
"2014-06-14	08:00:00"	16.12	203.2	11.04	25.45	13	204.2	11.95	21.87	65.82	65.8	0.015	81.8	81.3	26.185	82.481	0
"2014-06-14	09:00:00"	14.49	205.2	11.29	23.07	11.82	204.5	12.5	18.89	68.36	68.54	-0.186	79.09	78.19	26.18	276.11	0
"2014-06-14	10:00:00"	13.61	197.6	10.91	19.49	10.87	199.7	12.69	17.1	71.31	71.86	-0.557	72.21	71.2	26.185	474.46	0
"2014-06-14	11:00:00"	13.47	209.8	13.76	20.68	11.02	209.7	15.87	17.7	75.16	75.81	-0.656	63.19	61.78	26.175	650.6	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-14	12:00:00"	13.79	212.3	13.64	21.87	11.33	213.3	16.1	20.09	80.2	80.9	-0.761	52.02	50.03	26.161	793.84	0	
"2014-06-14	13:00:00"	14.26	218.4	15.61	26.65	11.75	219	18.86	20.68	86.5	87.3	-0.795	35.6	33.72	26.146	865.98	0	
"2014-06-14	14:00:00"	13.93	219.9	18.95	24.26	11.51	221.2	22.36	21.87	90	91.2	-1.166	30.49	28.35	26.125	967.98	0	
"2014-06-14	15:00:00"	13.05	224	21.98	23.66	10.64	225.1	26	20.68	92.8	94.3	-1.451	26.15	23.88	26.097	956.64	0	
"2014-06-14	16:00:00"	14.65	204.4	27.79	27.84	11.84	206.1	31.1	23.66	94.1	95.1	-1.038	23.55	21.51	26.069	605.21	0	
"2014-06-14	17:00:00"	11.45	215	35.85	21.87	9.24	217.4	38.71	18.3	95.6	96.9	-1.208	19.52	17.48	26.047	679.18	0	
"2014-06-14	18:00:00"	13.77	230.3	26.54	30.82	11.25	232	30.53	25.45	97.6	98.7	-1.115	16.84	14.8	26.027	704.5	0	
"2014-06-14	19:00:00"	19.22	189.8	24.4	39.77	15.33	189.7	27.07	33.21	94.6	95.4	-0.807	23.45	21.44	26.019	481.06	0	
"2014-06-14	20:00:00"	22.19	178	6.891	33.21	17.23	178	10.15	28.43	90.9	91.3	-0.374	29.53	27.77	26.015	216.76	0	
"2014-06-14	21:00:00"	17.78	178.9	6.662	26.05	13.82	178.7	10.13	22.47	90.9	90.6	0.314	25.91	24.65	26.013	38.896	0	
"2014-06-14	22:00:00"	16.87	173.1	6.471	24.26	13.18	171.8	9.06	21.87	87.7	87.2	0.514	24.19	23.09	26.037	0.46359	0	
"2014-06-14	23:00:00"	18.41	173.9	6.897	31.42	14.33	173.2	9.54	26.05	84.4	84	0.386	28.26	27.12	26.063	0	0	
"2014-06-15	00:00:00"	10.39	184.6	45.32	23.66	8.09	183.6	46.03	20.09	81.8	81.4	0.41	34.31	34.22	26.108	0.0001	0	
"2014-06-15	01:00:00"	15.72	176.6	14.86	35	12.32	176.9	17.68	29.63	78.12	77.78	0.346	43.94	43.19	26.108	0	0	
"2014-06-15	02:00:00"	17.83	179.8	6.406	27.84	13.86	179.2	9.55	22.47	75.34	75.07	0.272	49.57	48.61	26.112	0	0	
"2014-06-15	03:00:00"	11.26	194	22.8	20.09	8.63	196.7	26.17	17.7	73.86	73.58	0.278	54.34	53.41	26.111	0	0	
"2014-06-15	04:00:00"	11.61	186	9.74	20.09	8.87	190.4	13.85	16.51	73.79	73.45	0.341	59.14	58.4	26.105	0	0	
"2014-06-15	05:00:00"	9.77	188.7	8.07	16.51	7.431	193.1	12.08	12.93	72.63	72.22	0.404	63.35	62.91	26.102	0	0	
"2014-06-15	06:00:00"	7	197.6	12.76	11.14	5.243	203	14.74	8.75	70.77	70.34	0.428	67.13	66.8	26.108	0	0	
"2014-06-15	07:00:00"	7.167	238.6	13.85	11.74	5.398	244.3	16.84	9.35	69.68	69.2	0.475	69.78	69.61	26.123	3.1208	0	
"2014-06-15	08:00:00"	7.426	244.6	13.61	10.54	5.803	250.7	16.89	9.95	69.28	69.06	0.229	71.78	71.31	26.142	96.734	0	
"2014-06-15	09:00:00"	8.11	240.5	15.27	12.33	6.761	244.1	19.01	11.74	71.61	71.91	-0.295	68.65	67.08	26.157	289.44	0	
"2014-06-15	10:00:00"	8.09	271.1	26.12	17.1	6.253	275.5	26.34	13.52	76.92	77.83	-0.909	54.76	52.32	26.173	495.66	0	
"2014-06-15	11:00:00"	10.8	327.9	14.5	15.31	8.19	329.8	14.74	14.72	81.6	83.4	-1.766	34.96	32.15	26.177	694	0	
"2014-06-15	12:00:00"	9.93	349.4	20.41	16.51	8.07	349.6	21.64	17.1	85.1	87.2	-2.157	27.7	24.95	26.183	860.83	0	
"2014-06-15	13:00:00"	9.02	3.383	19.24	17.1	7.466	3.068	23.4	15.91	88.6	90.8	-2.253	23.52	20.82	26.186	966.69	0	
"2014-06-15	14:00:00"	6.601	331.9	53.9	21.87	5.417	334.3	56.86	18.3	91.4	93.2	-1.873	17.37	15.01	26.18	1006.8	0	
"2014-06-15	15:00:00"	6.233	279.7	50.96	16.51	4.919	282.5	55.89	13.52	93.8	95.5	-1.754	14.72	12.51	26.169	973.94	0	
"2014-06-15	16:00:00"	10.05	236.5	45.63	22.47	7.994	237.2	50.7	20.68	95.6	97.5	-1.851	11.23	9.13	26.15	948.03	0	
"2014-06-15	17:00:00"	10.02	249.5	29.46	22.47	7.948	254.5	32.75	20.09	96.2	98	-1.779	13.01	10.82	26.132	824.98	0	
"2014-06-15	18:00:00"	7.698	190.3	50.34	18.89	6.253	192.8	51.81	17.7	96.6	97.9	-1.321	13.7	11.61	26.112	655.27	0	
"2014-06-15	19:00:00"	9.06	196.2	45.66	19.49	7.493	198.4	49.53	15.91	97.4	98.4	-0.967	13.34	11.34	26.096	459.5	0	
"2014-06-15	20:00:00"	9.79	200.2	30.61	21.28	7.875	201.9	33.65	18.3	97.5	97.9	-0.416	13.39	11.58	26.09	256.18	0	
"2014-06-15	21:00:00"	6.448	189.6	19.62	14.72	5.021	189.1	21.71	10.54	96.4	96	0.405	14.33	12.96	26.099	56.983	0	
"2014-06-15	22:00:00"	10.94	117.1	32.88	24.26	8.42	114.5	32.87	20.09	91.3	90.7	0.641	26.76	25.6	26.121	0.59201	0	
"2014-06-15	23:00:00"	19.89	147.8	22.72	36.78	15.69	148.9	21.12	30.22	87.4	87.2	0.165	39.88	38.4	26.146	0	0	
"2014-06-16	00:00:00"	25.11	160.1	9.89	39.17	20.31	159.3	10.97	33.21	83.6	83.5	0.078	49.89	48.28	26.179	0	0	
"2014-06-16	01:00:00"	25.96	172.9	7.422	39.77	20.46	172.4	9.83	32.61	81.8	81.7	0.123	52.9	51.46	26.186	0	0	
"2014-06-16	02:00:00"	21.68	175.1	7.626	32.01	16.96	174.7	10.49	26.05	80.9	80.7	0.161	52.39	51.05	26.177	0	0	
"2014-06-16	03:00:00"	16.41	178	6.566	26.05	12.85	177.7	9.45	21.87	79.48	79.27	0.206	50.72	49.47	26.168	0	0	
"2014-06-16	04:00:00"	11.13	195.3	11.88	16.51	8.73	197.3	13.84	14.72	77.64	77.42	0.225	49.13	47.86	26.182	0	0	
"2014-06-16	05:00:00"	9.04	199.5	15.38	14.12	7.2	197.9	15.82	11.74	75.94	75.71	0.232	47.45	46.19	26.187	0	0	
"2014-06-16	06:00:00"	12.14	174.7	9.72	17.1	9.42	174.2	11.56	14.12	74.71	74.44	0.261	48.3	47.17	26.194	0	0	
"2014-06-16	07:00:00"	11.87	167	9.31	19.49	9.47	167.2	11.59	15.31	74.54	74.28	0.261	48.8	47.62	26.211	1.7715	0	
"2014-06-16	08:00:00"	13.32	170.6	7.951	18.3	10.44	170.8	9.91	15.91	74.86	74.69	0.173	49.82	48.59	26.228	71.139	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-16	09:00:00"	15.28	178.5	7.184	21.87	11.98	178.3	10.65	18.3	76.36	76.69	-0.33	49.51	47.52	26.241	246.12	0
"2014-06-16	10:00:00"	16.26	183.8	8.97	23.07	12.66	184.8	13.11	18.89	77.45	77.99	-0.54	52.57	50.24	26.254	273	0
"2014-06-16	11:00:00"	15.84	188	10.24	21.28	12.5	189.6	13.46	18.3	79.09	79.99	-0.898	51.8	48.92	26.258	395.57	0
"2014-06-16	12:00:00"	14.52	191	11.12	21.87	11.56	193	14.04	17.7	82.1	83	-0.899	45.21	42.41	26.254	418.05	0
"2014-06-16	13:00:00"	12.1	193.8	15.5	19.49	9.82	195.5	18.96	15.91	85	86.1	-1.079	37.67	35.16	26.246	551.05	0
"2014-06-16	14:00:00"	10.07	202.9	19.73	17.1	8.13	205.6	22.73	15.31	88.7	89.9	-1.202	28.04	25.68	26.234	588.66	0
"2014-06-16	15:00:00"	7.426	219.1	22.7	14.12	6.199	221.5	28	12.93	90.4	91.3	-0.859	21.57	19.46	26.218	482.64	0
"2014-06-16	16:00:00"	8.57	209.8	21.33	15.91	7.181	211.6	24.14	13.52	91.5	92.3	-0.856	21.44	19.31	26.199	476.61	0
"2014-06-16	17:00:00"	8.96	204.4	21.97	18.3	7.266	207.4	25.11	14.12	92.7	93.6	-0.938	18.89	16.79	26.178	473.43	0
"2014-06-16	18:00:00"	11.59	176.8	13.57	22.47	9.35	176.9	16.67	17.7	93.7	94.6	-0.888	17.83	15.81	26.153	431.14	0
"2014-06-16	19:00:00"	12.32	186.5	21.58	23.66	9.86	187.1	24.44	18.89	94.8	95.8	-0.99	19.46	17.29	26.134	464.13	0
"2014-06-16	20:00:00"	18.29	171.7	10.92	30.82	14.55	171.5	13.04	27.24	92.8	93.3	-0.444	27.87	25.95	26.125	217.44	0
"2014-06-16	21:00:00"	21.23	158.3	10.22	28.43	17.26	157.5	11.08	27.24	87	87.1	-0.086	43.09	41.22	26.144	50.03	0
"2014-06-16	22:00:00"	20.09	164.6	9.8	31.42	16.15	163.9	10.91	25.45	82.9	82.9	0.034	52.22	50.63	26.168	0.4803	0
"2014-06-16	23:00:00"	18.98	170.9	7.759	29.03	15.15	170.8	9.89	24.86	80.5	80.4	0.08	57.01	55.6	26.2	0	0
"2014-06-17	00:00:00"	18.19	172.8	6.884	29.03	14.4	172.2	9.51	21.87	78.88	78.77	0.115	60.16	58.91	26.216	0	0
"2014-06-17	01:00:00"	16.42	174.9	6.315	25.45	12.76	174.1	9.05	20.09	77.17	77.02	0.145	65.05	63.99	26.216	0	0
"2014-06-17	02:00:00"	13.8	178.2	8.5	18.89	10.79	178.5	11.39	15.91	75.92	75.69	0.231	62.52	61.63	26.205	0	0
"2014-06-17	03:00:00"	12.23	182.7	8.38	18.3	9.54	183.8	11.66	15.31	74.47	74.19	0.276	54.9	53.9	26.207	0	0
"2014-06-17	04:00:00"	13.15	174.7	7.733	18.89	10.16	174.2	10.1	15.91	73.08	72.75	0.323	56.6	55.79	26.206	0	0
"2014-06-17	05:00:00"	15.56	172.2	6.462	21.28	12.18	171.5	9.23	18.3	73.09	72.75	0.334	56.17	55.29	26.19	0	0
"2014-06-17	06:00:00"	15.01	178.4	8.1	21.87	11.59	179.7	11.72	17.7	72.64	72.32	0.326	56.61	55.76	26.196	0	0
"2014-06-17	07:00:00"	9.32	196.5	11.08	15.91	7.114	200.9	12.93	12.33	70.92	70.66	0.256	62.04	61.12	26.209	2.3982	0
"2014-06-17	08:00:00"	10.85	184.7	9.61	18.3	8.44	186.5	12.86	13.52	71.02	70.86	0.154	64.97	63.96	26.217	65.694	0
"2014-06-17	09:00:00"	11.32	189.5	8.79	17.7	8.8	193.3	12.59	16.51	74.38	74.4	-0.027	59.99	58.6	26.235	137.23	0
"2014-06-17	10:00:00"	11.97	194.5	10.58	18.3	9.48	197.3	13.27	14.72	78.78	79.22	-0.44	51.23	49.12	26.243	322.03	0
"2014-06-17	11:00:00"	9.88	207.2	16.53	15.31	8.23	208.4	19.21	14.12	81.9	82.9	-1.041	44.12	41.21	26.233	671.85	0
"2014-06-17	12:00:00"	6.786	207.3	30.83	12.33	5.772	208.7	33.28	11.14	85.4	86.5	-1.17	36.63	34.15	26.226	798.22	0
"2014-06-17	13:00:00"	4.545	161.6	54.81	11.14	3.895	162.3	60.85	10.54	88.9	90.1	-1.172	28.11	25.68	26.22	941.36	0
"2014-06-17	14:00:00"	5.167	44.5	84.1	15.31	4.35	43.61	86.2	13.52	92.1	93.7	-1.551	22.17	19.66	26.202	988.03	0
"2014-06-17	15:00:00"	6.302	60.84	67.11	15.31	5.211	66.02	66.93	12.33	94.6	96.6	-2.046	18.05	15.47	26.179	961.2	0
"2014-06-17	16:00:00"	5.597	31.7	50.5	15.31	4.894	30.02	55.48	14.72	95.1	96.7	-1.578	17.08	14.62	26.157	680.25	0
"2014-06-17	17:00:00"	9.83	146.9	30.03	19.49	8.22	146.8	34.28	17.1	95.5	96.8	-1.384	21.16	18.67	26.14	644.3	0
"2014-06-17	18:00:00"	9.69	163.2	21.52	18.89	7.921	162.7	24.24	16.51	95.4	96.6	-1.213	21.68	19.3	26.124	442.51	0
"2014-06-17	19:00:00"	10.39	176.8	21.93	20.68	8.36	177.7	25.02	17.7	95.2	96.3	-1.069	23.14	20.8	26.108	352.22	0
"2014-06-17	20:00:00"	14.21	101.6	85.3	27.24	11.45	105.2	84.4	23.66	90.7	91.7	-1.005	31.28	28.76	26.108	294.59	0
"2014-06-17	21:00:00"	21.84	149.3	80.4	54.68	17.57	149	81.6	45.13	77.63	77.67	-0.039	57.89	58.18	26.135	92.902	1.01
"2014-06-17	22:00:00"	18.46	94.6	18.91	40.96	14.22	96.1	19.86	35.59	67.8	67.96	-0.155	82.6	83.7	26.188	2.3487	0.21
"2014-06-17	23:00:00"	13.4	108.5	13.1	24.26	9.91	109.4	15.11	18.89	70.28	69.93	0.344	76.59	78.3	26.209	0.36345	0.13
"2014-06-18	00:00:00"	14.45	119.2	12.21	20.68	10.94	120.6	13.81	17.1	73.77	73.22	0.549	73.27	74.68	26.228	0	0
"2014-06-18	01:00:00"	12.33	148.8	15.6	19.49	9.75	149.7	14.89	15.31	74.44	74.04	0.406	72.41	73.16	26.233	0	0
"2014-06-18	02:00:00"	13.57	150	10.64	24.26	10.79	149.8	10.67	20.09	74.89	74.49	0.406	70.41	71.11	26.245	0	0
"2014-06-18	03:00:00"	8.39	120.2	44.23	16.51	6.318	121.5	43.1	12.93	73.88	73.35	0.532	72.98	74.47	26.259	0	0.01
"2014-06-18	04:00:00"	7.669	100	11.35	11.74	5.739	100.8	12.46	9.95	70.26	69.98	0.288	77.08	78.18	26.23	0	0
"2014-06-18	05:00:00"	8.44	139.3	18.3	13.52	6.324	139.9	21.48	11.74	71.3	70.95	0.348	76.69	77.85	26.208	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-18	06:00:00"	7.939	138.7	13.68	13.52	5.939	140.2	13.62	10.54	71.56	71.24	0.319	77.09	77.96	26.202	0
"2014-06-18	07:00:00"	7.614	168.4	11.45	11.14	5.954	168.9	12.33	9.35	70.94	70.71	0.233	78.08	78.51	26.199	2.164
"2014-06-18	08:00:00"	10.61	182.6	8.98	16.51	8.29	183.4	12.29	14.12	71.12	70.98	0.138	78.24	78.47	26.207	54.517
"2014-06-18	09:00:00"	13.3	183.2	9.44	20.09	10.5	183.3	13.07	16.51	71.96	72.01	-0.054	76.31	76.24	26.214	185.15
"2014-06-18	10:00:00"	15.56	178.7	7.645	20.68	12.34	178.1	11.08	18.3	73.87	74.33	-0.456	71.28	70.96	26.215	487.76
"2014-06-18	11:00:00"	13.76	179.5	9.34	19.49	10.97	179.6	13.11	16.51	76.74	77.46	-0.712	63.61	63.17	26.216	614.68
"2014-06-18	12:00:00"	11.18	192.6	14.32	18.3	8.87	193.7	16.36	15.31	80.9	81.7	-0.81	53.29	52.61	26.215	679.36
"2014-06-18	13:00:00"	8.14	234.9	26.13	12.93	6.522	239.2	30.65	11.74	82.3	82.5	-0.164	45.69	45.43	26.216	261.56
"2014-06-18	14:00:00"	4.947	208.2	54.62	8.75	4.201	212.7	62.96	8.75	84.2	84.9	-0.664	40.76	39.87	26.204	950.41
"2014-06-18	15:00:00"	5.339	168	48.76	15.31	4.616	167.2	50.86	12.93	88.8	89.5	-0.733	33.32	31.98	26.18	974.25
"2014-06-18	16:00:00"	10.8	189.2	17.97	19.49	8.81	188.8	21.44	16.51	91.3	92.3	-1.069	26.71	25.39	26.15	773.22
"2014-06-18	17:00:00"	9.75	209.5	26.44	17.1	8.04	211.1	28.55	14.72	92.6	93.3	-0.776	23.27	21.81	26.13	588.98
"2014-06-18	18:00:00"	8.91	233.3	21.63	17.7	7.372	237	24.62	14.72	93.1	93.5	-0.469	22.13	20.73	26.115	470.28
"2014-06-18	19:00:00"	11.42	205.9	31.55	45.73	9.16	206.7	35.12	37.38	88.6	88.4	0.126	28.51	28.54	26.117	210.78
"2014-06-18	20:00:00"	12.08	163	19.05	18.89	9.55	163.1	19.61	16.51	85.1	85.1	-0.051	35.83	35.54	26.112	209.52
"2014-06-18	21:00:00"	20.51	143.3	13.86	34.4	16.45	144.4	13.61	27.84	80.4	80.6	-0.205	45.57	44.17	26.144	92.773
"2014-06-18	22:00:00"	16.71	124.1	11.31	27.84	13.01	126.7	12.93	20.68	72.35	72.56	-0.216	60.37	59.29	26.185	1.119
"2014-06-18	23:00:00"	16.28	143.5	8.86	25.45	12.98	144.5	9.5	21.28	72.73	72.54	0.188	61.32	61.08	26.19	0
"2014-06-19	00:00:00"	12.64	158.8	15.67	21.28	9.87	159.2	16.01	17.1	73.08	72.92	0.163	69.56	69.1	26.219	0
"2014-06-19	01:00:00"	11.93	167	9.99	18.89	9.4	167.1	11.49	16.51	72.05	71.89	0.158	73.47	73.12	26.225	0
"2014-06-19	02:00:00"	12.91	174.8	7.943	21.28	10.07	173.8	10.1	16.51	71.53	71.29	0.237	75.83	75.66	26.226	0
"2014-06-19	03:00:00"	15.3	170	8.6	23.66	12.1	169.7	10.47	19.49	72.15	71.9	0.247	75.41	75.17	26.216	0
"2014-06-19	04:00:00"	10.21	163.8	10.65	18.89	8.16	163.2	11.79	16.51	71.52	71.32	0.202	77.99	77.78	26.215	0
"2014-06-19	05:00:00"	5.067	169	10.68	8.16	3.724	168.3	12.52	6.964	70.67	70.32	0.356	79.96	80.4	26.217	0
"2014-06-19	06:00:00"	8.92	176	9.29	14.12	6.842	175.4	13.17	11.74	70.37	70.04	0.332	80.5	80.8	26.22	0
"2014-06-19	07:00:00"	7.468	185.3	8.21	10.54	5.662	188.2	12.31	8.16	69.38	69.15	0.236	83.5	83.6	26.235	3.3989
"2014-06-19	08:00:00"	8.89	170.8	8.32	14.72	7.062	169.8	9.82	13.52	69.3	69.28	0.018	84.5	84.1	26.25	94.51
"2014-06-19	09:00:00"	11.74	171.9	9.3	15.31	9.33	170.9	11.56	12.93	71.1	71.34	-0.242	78.29	77.46	26.255	203.67
"2014-06-19	10:00:00"	11.66	181.4	9.58	16.51	9.26	182.1	13.59	14.12	73.71	74.2	-0.49	71.43	70.11	26.262	320.41
"2014-06-19	11:00:00"	10.63	186.8	11.71	17.7	8.5	187.3	15.3	13.52	75.63	76.24	-0.608	66.22	64.54	26.267	357.43
"2014-06-19	12:00:00"	6.077	210.3	24	12.33	5.052	211.1	28	10.54	77.7	78.38	-0.684	60.55	58.62	26.275	527.07
"2014-06-19	13:00:00"	3.789	192.4	67.49	8.75	3.216	206.8	71.26	7.561	79.61	80.4	-0.745	55.62	53.45	26.28	711.23
"2014-06-19	14:00:00"	3.446	108.3	89.8	9.35	2.952	120.5	95.4	8.16	82.8	83.7	-0.904	48.02	45.55	26.273	804.71
"2014-06-19	15:00:00"	4.58	102.9	75.31	11.14	3.778	110.9	77.12	9.95	85.7	86.7	-0.954	40.28	38.15	26.259	634.9
"2014-06-19	16:00:00"	7.598	126.8	46.14	15.31	6.224	129	45.99	12.93	87.8	88.8	-1.009	35.71	33.71	26.247	512.08
"2014-06-19	17:00:00"	11.73	155.1	22.42	20.09	9.56	156.4	22.87	17.7	88.8	90	-1.24	36.04	33.84	26.23	580.88
"2014-06-19	18:00:00"	12.79	138.4	15.58	20.09	10.43	139.7	15.75	17.7	89.6	90.9	-1.326	34.38	32.03	26.222	581.04
"2014-06-19	19:00:00"	15.43	141.8	12.74	24.86	12.22	142.6	12.66	21.28	88.5	89.1	-0.598	36.28	34.43	26.215	151.67
"2014-06-19	20:00:00"	15.61	138.3	9.37	22.47	12.27	139.6	9.82	20.09	86.8	86.6	0.183	37.67	37.33	26.215	99.963
"2014-06-19	21:00:00"	17.1	145.7	8.66	24.86	13.66	145.9	9.37	21.87	85	84.9	0.142	39.51	38.28	26.233	16.638
"2014-06-19	22:00:00"	14.3	155.5	12.87	21.87	11.4	155.6	13.69	19.49	82.7	82.5	0.14	44.36	43.06	26.281	0.09542
"2014-06-19	23:00:00"	22.38	263.7	31.61	43.35	16.58	268.4	33.73	31.42	72.34	72.44	-0.102	51.49	50.15	26.338	0
"2014-06-20	00:00:00"	12.54	245.3	52.44	25.45	9.12	248.9	55.6	19.49	71.54	71.6	-0.056	53.04	52.13	26.351	0.00029
"2014-06-20	01:00:00"	9.14	259.2	50.52	16.51	6.174	264	55.22	13.52	70.77	69.73	1.041	58.28	62.12	26.369	0.00115
"2014-06-20	02:00:00"	9.61	212.2	44.67	18.3	7.296	214.9	49.68	17.1	71.88	70.57	1.312	56	60.75	26.3	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-06-20	03:00:00"	14.41	170.5	12.35	23.07	11.36	170.7	14.64	20.09	70.45	70.05	0.396	66.59	67.55	26.295	0	0
"2014-06-20	04:00:00"	11.73	124	43.13	23.66	9.24	122.5	44.6	21.28	69.09	68.78	0.315	72.02	72.51	26.297	0	0
"2014-06-20	05:00:00"	6.467	145.5	19.96	10.54	4.958	146	20.56	8.75	69.26	68.77	0.492	74.68	75.75	26.329	0	0
"2014-06-20	06:00:00"	7.853	155.2	14.57	13.52	6.171	155.6	15.21	12.33	68.51	68.25	0.262	77.34	77.85	26.345	0	0
"2014-06-20	07:00:00"	6.792	165.8	19.22	11.14	5.38	165.4	20.56	9.35	67.96	67.83	0.126	79.64	79.91	26.362	0.6863	0
"2014-06-20	08:00:00"	9.95	153.9	15.7	18.89	7.982	154.5	16.11	16.51	67.77	67.8	-0.028	80.8	80.8	26.379	17.091	0
"2014-06-20	09:00:00"	11.23	165.3	11.12	17.7	9.17	164.8	12.29	15.31	66.85	67.18	-0.332	81.5	81	26.394	141.76	0
"2014-06-20	10:00:00"	10.52	169.2	10.44	15.31	8.48	169.1	12.25	13.52	67.32	67.75	-0.438	80.7	80.1	26.4	150.54	0
"2014-06-20	11:00:00"	7.954	159.3	16.56	12.33	6.499	159.8	17.12	9.95	68.44	68.9	-0.457	77.38	76.75	26.403	203.65	0
"2014-06-20	12:00:00"	5.614	135.8	34.56	11.74	4.784	136.7	37.48	10.54	71.25	71.9	-0.657	70.46	69.37	26.397	564.99	0
"2014-06-20	13:00:00"	8.55	132.8	24.56	15.91	7.153	134.2	25.4	12.93	74.67	75.65	-0.985	60.84	59.02	26.386	634.52	0
"2014-06-20	14:00:00"	11.67	141.4	18.94	19.49	9.58	143.4	19.53	17.1	77.32	78.51	-1.191	52.32	49.95	26.373	596.03	0
"2014-06-20	15:00:00"	11.59	136.2	17.69	21.87	9.48	137.7	18.84	17.7	78.48	79.69	-1.217	48.21	45.67	26.355	492.71	0
"2014-06-20	16:00:00"	11.44	128.7	18.02	18.89	9.39	130.3	18.93	15.91	79.65	80.9	-1.299	46.16	43.42	26.337	638.54	0
"2014-06-20	17:00:00"	14.09	126.2	16.07	24.86	11.33	128.6	17.06	20.09	80.5	81.8	-1.345	43.1	40.3	26.322	569.01	0
"2014-06-20	18:00:00"	17.55	127.4	11.59	26.65	13.78	130.2	13.04	21.87	79.75	81.2	-1.449	47.32	44.12	26.315	467.55	0
"2014-06-20	19:00:00"	16.63	137.7	13.93	24.86	13.32	139.4	14.55	20.68	79.13	80.3	-1.125	47.48	44.62	26.312	360.7	0
"2014-06-20	20:00:00"	17.65	143.8	11.41	26.05	14.17	145.3	12.21	21.28	77.97	78.59	-0.621	50.56	48.29	26.31	165.78	0
"2014-06-20	21:00:00"	17.96	150.2	10.71	31.42	14.45	150.3	11.48	27.84	73.24	73.61	-0.364	62.96	61.15	26.325	43.87	0
"2014-06-20	22:00:00"	10.92	152.1	9.71	17.1	8.86	152.5	10.06	14.72	71.26	71.42	-0.162	68.4	67.08	26.336	0.7563	0
"2014-06-20	23:00:00"	8.01	141.3	12.19	13.52	6.339	141.9	12.56	11.74	70.62	70.78	-0.153	72.33	71.26	26.341	0	0
"2014-06-21	00:00:00"	7.015	130.5	9.97	13.52	5.477	132.5	11.11	11.14	70.89	71	-0.115	74.72	73.83	26.344	0	0
"2014-06-21	01:00:00"	11.67	137.2	7.265	18.3	9.24	138.7	8.5	15.31	71.41	71.56	-0.146	76.18	75.12	26.337	0	0
"2014-06-21	02:00:00"	8.88	128.1	11.5	15.91	6.871	130.1	12.96	13.52	70.04	70.05	-0.009	78.15	77.46	26.325	0	0
"2014-06-21	03:00:00"	6.949	126	11.6	9.95	5.334	127.4	13.52	8.16	69.12	69.14	-0.019	80.4	79.77	26.31	0	0
"2014-06-21	04:00:00"	6.108	125.9	12.01	9.35	4.447	127	13.77	7.561	67.86	67.75	0.109	82.9	82.6	26.298	0	0
"2014-06-21	05:00:00"	5.913	110.6	8.21	8.75	4.331	109.4	10.64	6.964	66.67	66.57	0.103	85.7	85.4	26.29	0	0
"2014-06-21	06:00:00"	6.828	106.6	7.452	11.14	5.188	105.9	9.81	9.95	66.83	66.77	0.06	84.5	84.2	26.289	0	0
"2014-06-21	07:00:00"	5.28	101.6	10.07	8.16	4.092	101.3	11.61	6.368	66.8	66.89	-0.095	85	84.5	26.294	0.74556	0
"2014-06-21	08:00:00"	8.9	127.1	11.63	12.93	7.038	128.6	12.92	12.33	67.6	67.78	-0.173	83.3	82.5	26.307	17.817	0
"2014-06-21	09:00:00"	11.32	146.1	9	16.51	9.14	146.9	10.18	13.52	68.35	68.74	-0.391	82.3	80.9	26.313	99.002	0
"2014-06-21	10:00:00"	10.84	155.4	10.37	15.91	8.98	155.6	10.96	14.72	69.1	69.6	-0.498	80.3	78.59	26.317	176.73	0
"2014-06-21	11:00:00"	9.77	162.5	11.93	14.72	8.05	161.6	13.4	12.33	70.59	71.26	-0.674	76.19	74.16	26.317	267.75	0
"2014-06-21	12:00:00"	7.42	151.2	19.93	12.93	6.123	152.3	20.59	11.14	72.6	73.48	-0.88	70.12	67.69	26.31	344.99	0
"2014-06-21	13:00:00"	3.321	186.4	70.52	8.16	2.806	183.5	77.38	7.561	73.96	74.43	-0.478	67.15	65.26	26.3	477.94	0
"2014-06-21	14:00:00"	4.618	142.5	65.98	11.14	4.096	140.2	66.63	9.95	76.48	77.4	-0.925	61.89	59.24	26.276	844.14	0
"2014-06-21	15:00:00"	5.344	135.3	51.91	11.74	4.672	137.7	55.69	11.14	79	80.4	-1.404	56.96	53.63	26.25	956.21	0
"2014-06-21	16:00:00"	6.002	126.4	41.09	13.52	5.143	125.2	48.35	12.33	81.3	82.5	-1.203	49.9	46.78	26.23	670.57	0
"2014-06-21	17:00:00"	9.43	131.5	21.25	23.66	7.862	133	22.46	20.68	83.2	85	-1.79	46.3	42.53	26.209	774.28	0
"2014-06-21	18:00:00"	14.18	135.7	13.81	29.03	11.57	137.1	14.35	26.65	83.3	85	-1.663	48.54	44.78	26.194	533.95	0
"2014-06-21	19:00:00"	13.77	135.7	12.64	21.87	10.99	137.5	13.22	17.7	82.7	83.9	-1.228	51.2	47.96	26.185	304.16	0
"2014-06-21	20:00:00"	12.27	135.9	10.82	20.09	9.87	138.6	11.48	16.51	82	82.6	-0.637	52.4	50.02	26.193	134.98	0
"2014-06-21	21:00:00"	14.02	129.8	11.98	21.87	10.79	131.8	12.77	18.3	80.1	80.4	-0.303	57.5	55.62	26.195	44.473	0
"2014-06-21	22:00:00"	12.95	152.4	9.47	19.49	10.67	152	9.64	16.51	78.22	78.3	-0.081	59.76	58.28	26.203	1.7269	0
"2014-06-21	23:00:00"	11.83	146.7	9.23	18.3	9.55	147.1	10.14	15.31	76.53	76.54	-0.014	63.84	62.59	26.226	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-22	00:00:00"	11.52	140.4	9.8	18.3	9.05	141.3	10.44	14.72	74.54	74.52	0.023	69.54	68.49	26.24	0
"2014-06-22	01:00:00"	11.06	156.9	11.61	17.1	8.92	157.2	12.42	14.72	72.53	72.58	-0.05	76.5	75.46	26.236	0
"2014-06-22	02:00:00"	8.91	171	9.68	12.93	7.047	170.9	11.1	10.54	70.55	70.58	-0.029	80.3	79.46	26.224	0
"2014-06-22	03:00:00"	9.79	183	8.78	13.52	7.669	184.6	12.67	12.33	69.41	69.42	-0.008	83.8	83	26.215	0
"2014-06-22	04:00:00"	7.793	180.2	8.26	11.74	6.163	180.6	11.31	10.54	68.24	68.23	0.007	86.7	86.1	26.198	0
"2014-06-22	05:00:00"	7.439	165.8	16.47	11.74	5.887	166.7	19.96	9.35	67.21	67.18	0.025	88.7	88.1	26.183	0
"2014-06-22	06:00:00"	4.707	119.9	20.87	6.368	3.246	114.4	25.16	5.175	66.15	65.88	0.268	89.6	89.1	26.192	0.14924
"2014-06-22	07:00:00"	3.067	60.23	33.4	5.771	2.224	32.81	41.41	3.982	65.23	64.32	0.905	90.3	90.1	26.211	3.5658
"2014-06-22	08:00:00"	3.504	85.3	17.86	5.771	2.633	77.76	24.91	4.578	65.51	65.38	0.132	90.9	90.6	26.217	86.343
"2014-06-22	09:00:00"	6.814	131.4	10.38	9.95	5.615	134.2	12.03	9.35	67.71	68.26	-0.55	88.6	86.6	26.221	252.16
"2014-06-22	10:00:00"	6.873	149	16.37	10.54	5.836	150.4	17.87	9.95	71.49	72.24	-0.75	79.07	76.67	26.217	471.08
"2014-06-22	11:00:00"	5.156	129	26.22	8.75	4.436	132.1	27.38	8.16	76.55	77.32	-0.776	67.77	65.37	26.205	663
"2014-06-22	12:00:00"	8.06	132	20.09	14.12	6.703	134.7	21.18	12.33	81.7	83.1	-1.358	54.23	50.98	26.197	815.37
"2014-06-22	13:00:00"	6.078	191.2	42.03	14.12	5.206	195.5	45.93	12.93	85.4	86.7	-1.274	43.46	40.64	26.187	924.62
"2014-06-22	14:00:00"	6.799	175.7	34.87	14.12	5.776	177	35.54	11.74	88.1	89.6	-1.456	38.66	36.04	26.169	972.87
"2014-06-22	15:00:00"	6.645	222.6	36.11	12.33	5.72	223.9	40.29	11.14	90.7	92.1	-1.407	33.82	31.36	26.149	949.68
"2014-06-22	16:00:00"	6.698	223.2	32.95	12.93	5.651	226	39.24	11.14	92.4	93.6	-1.135	30.95	28.74	26.13	734.74
"2014-06-22	17:00:00"	7.373	234.2	33.24	15.91	6.077	241.3	35.83	15.91	93	93.9	-0.975	29.97	27.91	26.122	590.45
"2014-06-22	18:00:00"	6.306	224.8	34.33	12.33	5.311	229	39.45	11.74	93.9	94.9	-1.008	28.03	25.98	26.103	646.2
"2014-06-22	19:00:00"	6.287	225.5	25.16	11.14	5.222	229.9	29.22	11.14	94.2	94.6	-0.407	27.78	26.06	26.095	226.54
"2014-06-22	20:00:00"	15.79	119.5	34.33	29.63	12.56	122.1	35.13	24.86	92.3	93	-0.674	33.76	31.66	26.093	280.12
"2014-06-22	21:00:00"	21.39	121.8	8.87	33.21	16.45	125	11.11	27.84	86.1	86.5	-0.396	44.1	42.03	26.124	83
"2014-06-22	22:00:00"	14.3	116	19.93	27.24	10.64	117.7	20.86	20.68	79.41	78.8	0.615	60.7	62.49	26.146	0.77714
"2014-06-22	23:00:00"	13.67	165.1	13.43	19.49	10.7	164.8	14.43	15.91	79.77	79.35	0.421	63.51	63.6	26.138	0
"2014-06-23	00:00:00"	20.15	178.1	6.115	30.82	15.72	177.6	9.66	26.65	79.51	79.21	0.306	63.8	63.35	26.134	0
"2014-06-23	01:00:00"	17.08	180.4	7.081	26.05	13.36	180.4	10.38	20.09	76.6	76.49	0.107	71.25	70.5	26.126	0
"2014-06-23	02:00:00"	12.69	179.2	7.382	19.49	9.85	178.7	10.72	15.31	74.86	74.8	0.059	76.38	75.62	26.129	0
"2014-06-23	03:00:00"	11.31	243.8	72.05	28.43	8.27	248.1	72.55	23.07	74.49	74.46	0.034	77.99	77.16	26.165	0
"2014-06-23	04:00:00"	5.42	59.9	50.29	12.93	3.697	63.81	52.68	9.95	75.35	74.5	0.857	75.47	76.78	26.169	0
"2014-06-23	05:00:00"	8.49	98.9	15.83	12.33	6.072	101.1	19.45	10.54	73.38	72.99	0.392	80.1	80.2	26.158	0
"2014-06-23	06:00:00"	11.95	87.1	17.7	24.86	9.16	89.9	18.76	19.49	72.05	71.82	0.237	78.14	77.85	26.168	0
"2014-06-23	07:00:00"	17.48	65.28	12.5	27.84	13.75	67.24	13.41	22.47	69.5	69.33	0.163	70.32	69.54	26.202	0.77673
"2014-06-23	08:00:00"	16.28	70.99	13.23	26.05	12.69	72.93	14.25	20.68	67.61	67.71	-0.094	72.91	71.78	26.237	50.485
"2014-06-23	09:00:00"	13.39	69.01	9.15	20.68	10.65	71.05	10.94	17.1	68.1	68.64	-0.542	72	70.08	26.278	214.56
"2014-06-23	10:00:00"	12.35	84.7	18.08	17.7	9.91	86.2	20.27	15.31	69.93	71.02	-1.092	69.17	66.24	26.292	411.56
"2014-06-23	11:00:00"	12.64	120.8	13.47	20.09	10.28	123.6	15.4	17.1	72.24	73.7	-1.462	69.67	65.93	26.304	567.27
"2014-06-23	12:00:00"	12.25	145.9	16.18	20.09	10.17	146.8	16.7	15.91	75.52	77.35	-1.839	66.23	61.8	26.294	810.83
"2014-06-23	13:00:00"	10.02	128.2	30.54	17.1	8.37	130	31.01	16.51	79.36	81.2	-1.841	59.22	54.88	26.299	820.28
"2014-06-23	14:00:00"	8.91	104	27.13	19.49	7.47	106.8	29.24	17.1	81.5	83.3	-1.839	53.83	49.67	26.291	933.43
"2014-06-23	15:00:00"	8.67	107.6	29.29	18.3	7.36	109.7	32.1	15.91	83.3	85.1	-1.839	48.45	44.35	26.271	905.33
"2014-06-23	16:00:00"	7.56	106.4	34.96	14.72	6.441	108.7	38.84	14.72	84.8	86.5	-1.754	45.88	41.98	26.259	821.38
"2014-06-23	17:00:00"	8.13	120.1	37.88	16.51	6.802	119.5	37.32	14.12	86.3	88	-1.697	42.31	38.74	26.242	771.76
"2014-06-23	18:00:00"	10.72	115	26.68	20.68	8.95	117.1	27.87	15.91	87	88.7	-1.705	41.9	38.37	26.226	581.48
"2014-06-23	19:00:00"	12.31	115.1	16.46	18.89	10	117.6	18.2	16.51	86.5	87.9	-1.395	41.95	38.73	26.222	385.34
"2014-06-23	20:00:00"	13.12	118.8	9.48	18.89	10.4	122	11.81	15.31	85.5	86.2	-0.705	43.48	40.86	26.223	141.81

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-23	21:00:00"	13.12	117	8.9	20.09	10.22	120.1	11.6	17.1	83.8	84.1	-0.257	47.33	45.27	26.24	40.291	0	
"2014-06-23	22:00:00"	10.98	124.4	8.87	15.31	8.33	127.1	10.31	12.33	81.6	81.6	0.043	52.54	51.03	26.264	0.21565	0	
"2014-06-23	23:00:00"	14.22	137.1	7.736	21.87	11.18	138.3	8.5	19.49	80.6	80.6	-0.003	56.2	54.7	26.299	0	0	
"2014-06-24	00:00:00"	12.1	126.8	8.29	22.47	9.25	129.4	10.05	16.51	79.58	79.63	-0.055	59.22	57.72	26.338	0	0	
"2014-06-24	01:00:00"	18.37	257.6	73.66	36.19	12.24	263.4	75.4	30.82	72.75	72.69	0.06	62.45	62.06	26.358	0.01734	0.39	
"2014-06-24	02:00:00"	10.02	284.6	90.5	31.42	7.311	299.7	89.3	27.24	72.69	70.19	2.504	52.46	62.62	26.349	0.04897	0.05	
"2014-06-24	03:00:00"	15.65	92	58.53	31.42	11.44	95.7	58.1	24.86	74.54	72.67	1.87	46.68	53.14	26.303	0	0.01	
"2014-06-24	04:00:00"	9.74	79.28	27.69	13.52	7.37	81.5	28.43	11.74	70.26	69.56	0.7	61.12	63.17	26.306	0	0	
"2014-06-24	05:00:00"	7.377	143.4	27.42	14.72	5.572	142.1	29.08	12.33	68.78	68.31	0.464	68.38	70.15	26.312	0	0	
"2014-06-24	06:00:00"	5.649	236.9	52.91	9.95	4.372	236.8	56.49	8.16	68.06	67.73	0.332	73.23	74.06	26.324	0	0	
"2014-06-24	07:00:00"	5.092	346.1	28.32	8.75	2.916	358.1	41.96	5.175	67.02	65.47	1.548	75.47	81.9	26.349	1.2307	0	
"2014-06-24	08:00:00"	3.781	8.64	54.52	6.964	2.266	16.78	54.62	4.578	68.05	65.98	2.075	69.8	79.9	26.346	36.813	0	
"2014-06-24	09:00:00"	2.522	246	77.19	8.16	1.82	319.5	77.38	4.578	69.83	69.57	0.26	65.25	68.62	26.331	258.06	0	
"2014-06-24	10:00:00"	5.811	169.1	43.12	14.72	4.861	167.4	48.44	12.33	73.38	73.77	-0.383	56.8	56.91	26.348	490.75	0	
"2014-06-24	11:00:00"	9.03	171.4	17.1	15.31	7.434	171.2	19.09	12.93	74.31	75.1	-0.791	58.03	57.85	26.384	620.79	0	
"2014-06-24	12:00:00"	13.3	152.4	13.57	20.09	10.9	153.1	13.79	18.89	75.58	76.67	-1.086	59.87	58.75	26.385	772.31	0	
"2014-06-24	13:00:00"	13.08	157.1	14.88	20.68	10.81	156.9	15.93	18.89	78.31	79.65	-1.337	51.66	49.71	26.376	917.44	0	
"2014-06-24	14:00:00"	11.13	162.3	18.59	18.89	9.16	162.4	19.85	15.91	80.3	81.9	-1.571	46.88	44.36	26.363	966.48	0	
"2014-06-24	15:00:00"	10.9	151.3	20.19	18.89	9.03	152.4	20.54	16.51	82.5	84.2	-1.689	41.49	38.91	26.339	941.12	0	
"2014-06-24	16:00:00"	12.76	160.9	19.6	20.68	10.57	162	21.25	17.7	83.7	85.5	-1.837	39.02	36.5	26.316	908.55	0	
"2014-06-24	17:00:00"	10.82	165.2	20.07	17.7	8.84	166.1	22.78	15.91	84.7	86.3	-1.671	36.41	34.08	26.3	804.24	0	
"2014-06-24	18:00:00"	9.72	172	12.55	17.1	8.02	171.7	15.78	14.72	85.3	86.6	-1.262	33.51	31.55	26.275	555.5	0	
"2014-06-24	19:00:00"	9.22	155.5	12.74	15.91	7.591	156	13.84	14.12	85.5	86.2	-0.684	32.75	31.14	26.265	228.08	0	
"2014-06-24	20:00:00"	11.04	145.7	8.95	16.51	8.93	146.9	9.82	14.72	85	85.3	-0.365	33.59	32.24	26.249	126.95	0	
"2014-06-24	21:00:00"	12.91	146.2	8.95	24.26	10.28	146.9	9.36	18.89	83.8	83.9	-0.117	35.26	34.01	26.255	67.913	0	
"2014-06-24	22:00:00"	15.56	140.5	7.288	23.66	12.26	141.6	8.07	19.49	80.2	80.2	0.033	46.34	45.02	26.27	3.3373	0	
"2014-06-24	23:00:00"	14.24	142	7.378	21.87	11.23	142.9	8.26	20.09	77.5	77.45	0.044	59.68	58.59	26.284	0	0	
"2014-06-25	00:00:00"	12.63	144.5	7.96	17.7	10.03	145	8.61	14.72	75.09	75.03	0.059	64.59	63.7	26.294	0	0	
"2014-06-25	01:00:00"	12.67	148.3	8.48	19.49	10.09	148.5	9.08	15.91	73.55	73.51	0.039	68.56	67.67	26.297	0	0	
"2014-06-25	02:00:00"	13.87	145.3	8.17	21.28	11.06	146.3	9.13	17.7	72.17	72.15	0.021	75.03	74.21	26.302	0	0	
"2014-06-25	03:00:00"	12.95	151.9	9.21	20.68	10.46	151.9	9.54	16.51	70.79	70.8	-0.01	79.09	78.28	26.296	0	0	
"2014-06-25	04:00:00"	9.92	147.4	10.53	14.72	7.894	147.4	10.82	12.93	69.42	69.4	0.024	81.2	80.6	26.289	0	0	
"2014-06-25	05:00:00"	10.4	138.7	8.86	15.31	8.07	140.1	9.84	12.93	68.42	68.37	0.052	83.4	82.9	26.288	0	0	
"2014-06-25	06:00:00"	9.89	100.5	18.77	13.52	7.49	101.7	20.03	11.14	66.71	66.68	0.027	85.5	85	26.293	0	0	
"2014-06-25	07:00:00"	11.28	90.8	9.86	15.91	8.82	92.5	11.12	13.52	65.72	65.79	-0.067	86.9	86.2	26.303	1.937	0	
"2014-06-25	08:00:00"	11.2	113.4	13.92	15.91	8.86	115.7	15.48	13.52	66.64	66.88	-0.24	86.6	85.5	26.319	31.692	0	
"2014-06-25	09:00:00"	14.57	134.7	8.35	21.87	11.45	136.4	9.44	18.3	67.78	68.16	-0.385	85.4	83.9	26.32	82.564	0	
"2014-06-25	10:00:00"	12.21	139.5	14.01	18.89	9.84	141.4	14.54	15.91	69.9	70.68	-0.788	80.7	78.42	26.328	289.6	0	
"2014-06-25	11:00:00"	11.53	51.93	26.18	23.66	9.6	53.95	27.41	21.28	71.01	71.59	-0.588	78.22	76.31	26.36	169.8	0	
"2014-06-25	12:00:00"	20.3	72.65	15.92	33.21	16.13	75.68	16.82	26.05	70.72	71.26	-0.538	78.32	76.34	26.363	193.33	0	
"2014-06-25	13:00:00"	16.96	78.12	19.17	31.42	13.24	80	20.05	26.05	69.65	69.8	-0.153	79.15	78.77	26.368	78.508	0	
"2014-06-25	14:00:00"	14.86	125.7	49.08	24.86	11.49	127.8	49.28	19.49	68.92	68.92	0	83.4	83.8	26.345	115.83	0.14	
"2014-06-25	15:00:00"	17.78	134	12.1	26.65	14.16	135.9	13.09	22.47	74.71	75.69	-0.98	70.16	69.69	26.304	891.2	0	
"2014-06-25	16:00:00"	17.73	132.2	10.77	25.45	14.23	134.2	12.2	21.87	80.8	82.1	-1.345	48.55	46.5	26.265	924.1	0	
"2014-06-25	17:00:00"	12.43	158.3	14.89	19.49	10.08	157.7	15.3	17.1	84.7	85.5	-0.827	36.35	34.86	26.247	506.45	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-25	18:00:00"	16.47	176	10.33	26.05	13.09	175.1	12.9	23.07		84	84.6	-0.577	38.42	36.86	26.243	313.3	0
"2014-06-25	19:00:00"	19.08	195	11.74	29.63	15.01	196.9	14.18	24.26	80.7	81.1	-0.408	54.13	52.27	26.249	208.7	0	
"2014-06-25	20:00:00"	16.72	200.5	12.76	24.86	13.27	202.6	14.34	21.87	78.86	79.22	-0.365	58	56.22	26.238	231.44	0	
"2014-06-25	21:00:00"	11.4	186.1	18.32	20.68	9.13	186.5	20.25	17.1	76.43	76.53	-0.102	65.16	63.96	26.24	52.66	0	
"2014-06-25	22:00:00"	6.874	117.8	17.4	9.35	4.677	116.1	19.99	7.561	73.69	73.26	0.431	71.55	71.84	26.241	1.6766	0	
"2014-06-25	23:00:00"	6.421	113.7	15.88	12.33	4.086	114.8	20.66	8.75	71.78	71.08	0.698	76.3	77.33	26.256	0	0	
"2014-06-26	00:00:00"	7.635	126.9	7.218	12.33	5.221	127.9	9.58	8.75	71.44	70.88	0.56	77.62	78.3	26.278	0	0	
"2014-06-26	01:00:00"	9.3	140.9	9.07	12.33	7.052	142.5	9.39	10.54	71.22	70.88	0.334	79.03	79.14	26.284	0	0	
"2014-06-26	02:00:00"	7.633	157.2	10.25	10.54	5.94	156.9	11.1	9.35	70.54	70.23	0.309	80.5	80.5	26.271	0	0	
"2014-06-26	03:00:00"	8.89	177	12.66	15.31	6.702	178.8	16.32	11.74	70.75	70.33	0.414	79.56	79.78	26.257	0	0	
"2014-06-26	04:00:00"	8.85	188.3	8.4	15.31	6.682	191.1	12.58	12.93	70.64	70.26	0.381	79.95	80.1	26.246	0	0	
"2014-06-26	05:00:00"	8.06	176.6	7.881	13.52	6.062	175.9	10.47	11.14	69.33	68.93	0.399	83.1	83.3	26.235	0	0	
"2014-06-26	06:00:00"	10.02	180.9	8.91	16.51	7.651	182.1	13.29	11.74	68.27	68.03	0.238	85.8	85.8	26.227	0	0	
"2014-06-26	07:00:00"	6.649	145.1	26.94	10.54	4.715	143	28.29	8.16	66.64	66.3	0.339	88.7	88.7	26.23	0.93055	0	
"2014-06-26	08:00:00"	8.22	128.9	11.06	12.33	6.316	130.9	12.39	9.35	65.91	65.94	-0.031	90.9	90.7	26.242	18.897	0	
"2014-06-26	09:00:00"	9.85	154.1	11.64	16.51	8.02	154.8	12.6	13.52	67.34	67.61	-0.271	91.8	91.2	26.249	154.07	0	
"2014-06-26	10:00:00"	10.49	173.5	11.48	14.72	8.44	175	13.51	12.93	72.18	72.77	-0.585	79.16	76.96	26.248	390.75	0	
"2014-06-26	11:00:00"	9.05	174.6	17.15	14.12	7.487	176.1	20.68	12.93	76.77	77.98	-1.209	63.54	60.78	26.237	725.99	0	
"2014-06-26	12:00:00"	10.55	186.8	16.44	19.49	8.61	187.4	19.23	16.51	80.9	82.4	-1.509	48.87	45.82	26.227	809.09	0	
"2014-06-26	13:00:00"	14.27	189.2	13.69	22.47	11.51	190	16.16	18.89	84.1	85.9	-1.78	39.74	36.87	26.214	914.78	0	
"2014-06-26	14:00:00"	11.77	183.9	15.18	19.49	9.64	184.8	19.03	17.7	85.8	87.7	-1.972	39.67	36.69	26.199	962.3	0	
"2014-06-26	15:00:00"	13.89	180.6	14.04	24.86	11.28	180.4	17.19	18.89	88.1	90.2	-2.07	39.23	36.08	26.174	933.58	0	
"2014-06-26	16:00:00"	13.07	179.8	15.99	23.07	10.58	180.5	19.91	18.89	89.6	91.6	-2.059	36.8	33.78	26.15	902.86	0	
"2014-06-26	17:00:00"	11.24	170.9	16.04	21.28	9.24	170.8	19.78	17.7	90.8	92.6	-1.741	34.19	31.45	26.122	796.55	0	
"2014-06-26	18:00:00"	11.8	166.2	19.2	20.09	9.71	166.4	20.24	20.09	91.9	93.4	-1.49	32.97	30.44	26.107	635.41	0	
"2014-06-26	19:00:00"	13.9	160.8	15.17	20.68	11.28	160.6	16.45	18.3	92.2	93.3	-1.13	32.11	29.83	26.085	436.33	0	
"2014-06-26	20:00:00"	18.18	163.9	10.93	27.84	14.59	163.4	12.18	23.66	90.7	91.2	-0.552	35.4	33.48	26.077	229.48	0	
"2014-06-26	21:00:00"	18.8	163.8	10.56	29.03	15.11	163.1	12.03	25.45	86.9	87	-0.124	43.17	41.38	26.087	58.927	0	
"2014-06-26	22:00:00"	16.74	162	9.98	26.65	13.5	161.7	11.02	23.66	84.5	84.4	0.095	46.67	45.15	26.095	0.53546	0	
"2014-06-26	23:00:00"	19.49	167	9.11	30.22	15.32	166.8	10.85	24.86	81.5	81.4	0.102	52.02	50.68	26.115	0	0	
"2014-06-27	00:00:00"	18.27	164.8	9.55	31.42	14.49	163.9	11.14	29.03	78.47	78.42	0.049	57.36	56.04	26.128	0	0	
"2014-06-27	01:00:00"	18.06	167.5	8.85	26.05	14.22	167.3	10.84	23.66	76.3	76.25	0.054	62.22	61.04	26.128	0	0	
"2014-06-27	02:00:00"	18.45	173.2	7.409	26.65	14.45	172.9	9.84	22.47	74.82	74.75	0.069	66.12	65.06	26.126	0	0	
"2014-06-27	03:00:00"	18.27	169.7	8.52	29.03	14.5	169.7	10.32	22.47	73.67	73.6	0.07	69.09	68.1	26.111	0	0	
"2014-06-27	04:00:00"	19.27	173.4	7.248	28.43	15.14	173.1	9.6	24.26	72.88	72.79	0.091	70.6	69.69	26.098	0	0	
"2014-06-27	05:00:00"	17.42	177.4	7.281	28.43	13.64	177.1	10.41	22.47	72.13	72.03	0.093	73.99	73.15	26.089	0	0	
"2014-06-27	06:00:00"	16.33	179.8	7.139	22.47	12.64	180.8	10.72	20.09	71.64	71.52	0.123	75.7	74.98	26.086	0	0	
"2014-06-27	07:00:00"	11.82	187.9	8.73	19.49	9.25	190.6	12.67	15.31	70.9	70.75	0.154	76.84	76.21	26.088	3.046	0	
"2014-06-27	08:00:00"	12.64	190	8.28	21.87	9.81	193.6	12.53	18.3	71.02	71.06	-0.041	76.65	75.69	26.088	109.31	0	
"2014-06-27	09:00:00"	14.93	186.4	8.83	21.87	11.62	188.2	12.87	17.7	73.69	73.98	-0.287	69.89	68.34	26.094	218.16	0	
"2014-06-27	10:00:00"	15.24	196	10.03	20.68	12.01	199.2	12.73	17.7	76.97	77.77	-0.796	61.93	59.44	26.095	457.3	0	
"2014-06-27	11:00:00"	14.17	207.6	12.97	21.28	11.58	207.4	14.83	18.89	80.8	81.3	-0.582	52.4	50.08	26.094	425.04	0	
"2014-06-27	12:00:00"	13.34	207.2	14.05	22.47	10.98	208.1	15.93	18.3	84	84.5	-0.554	43.62	41.4	26.092	473.62	0	
"2014-06-27	13:00:00"	14.3	209.6	17.73	21.87	11.78	209.8	19.67	18.89	89.9	91.1	-1.178	32.25	29.91	26.084	879.2	0	
"2014-06-27	14:00:00"	14.37	232.7	16.38	23.07	11.94	235.3	20.12	21.87	94	95.3	-1.212	21.75	19.53	26.067	941.75	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-06-27	15:00:00"	14.13	237.3	17.8	26.65	11.37	240	21.63	24.26	96.5	98	-1.465	19.41	17.17	26.049	959.45	0	
"2014-06-27	16:00:00"	18.13	245.6	18.34	33.8	14.44	250.4	22.89	26.05	98.2	99.6	-1.444	17.99	15.74	26.024	864.77	0	
"2014-06-27	17:00:00"	19.06	238.5	16.5	38.57	15.4	241.9	20.42	29.03	99.4	100.6	-1.186	17.63	15.43	26	813.46	0	
"2014-06-27	18:00:00"	20.83	239.5	13.55	35	16.81	243.3	16.62	30.22	99.5	100.3	-0.863	16.19	14.1	25.981	654.23	0	
"2014-06-27	19:00:00"	19.13	244.4	13.39	32.01	15.34	248.3	16.84	24.86	99.4	100	-0.532	13.43	11.52	25.97	456.24	0	
"2014-06-27	20:00:00"	16.71	234.7	14.52	27.84	13.61	236.5	17.13	23.66	98.7	98.7	-0.076	12.8	10.98	25.967	238.19	0	
"2014-06-27	21:00:00"	20.52	176	15.69	32.01	16.27	175.9	17.1	27.84	89.5	89.6	-0.129	41.3	39.36	25.983	62.472	0	
"2014-06-27	22:00:00"	20.43	173.5	7.198	28.43	15.98	172.9	9.95	23.66	84.2	84.1	0.066	52.19	50.67	26.005	0.71686	0	
"2014-06-27	23:00:00"	19.2	171.3	7.417	29.03	15.11	171.4	9.81	23.66	80.4	80.4	0.024	61.39	60.02	26.03	0	0	
"2014-06-28	00:00:00"	20.72	173.8	7.164	29.03	16.18	174.1	10.01	23.66	78.05	78.01	0.04	66.42	65.21	26.052	0	0	
"2014-06-28	01:00:00"	22.22	175.3	6.567	30.82	17.52	174.7	9.75	26.65	76.32	76.29	0.027	71.51	70.42	26.071	0	0	
"2014-06-28	02:00:00"	19.22	175.9	7.282	29.63	15.01	175.4	10.09	23.66	75.11	75.06	0.044	72.99	71.96	26.08	0	0	
"2014-06-28	03:00:00"	17.87	175.6	7.098	26.65	13.97	175	9.68	22.47	74.48	74.38	0.102	71.79	70.88	26.075	0	0	
"2014-06-28	04:00:00"	18.49	177.2	6.936	27.84	14.35	176.9	10.42	21.87	73.83	73.7	0.123	72.72	71.88	26.068	0	0	
"2014-06-28	05:00:00"	16.46	180.3	7.173	24.26	12.86	180.8	10.88	20.68	73.01	72.87	0.14	74.08	73.32	26.06	0	0	
"2014-06-28	06:00:00"	13.06	188.4	9.2	20.68	10.13	192	13.52	16.51	72.05	71.88	0.169	75.69	75.01	26.063	0	0	
"2014-06-28	07:00:00"	12.55	192.7	7.943	21.28	9.73	198.2	11.36	15.91	71.23	71.04	0.193	77.31	76.73	26.075	1.9589	0	
"2014-06-28	08:00:00"	10.63	197.3	8.15	15.91	8.27	201	10.38	12.93	70.82	70.81	0.011	78.36	77.49	26.085	84.222	0	
"2014-06-28	09:00:00"	11.96	197.1	9.4	17.1	9.51	199.4	11.99	14.12	73.8	74.19	-0.396	70.69	68.95	26.102	271.49	0	
"2014-06-28	10:00:00"	11.14	200.7	12.97	16.51	9.05	203	14.91	14.72	77.61	78.4	-0.787	58.26	55.82	26.12	475.68	0	
"2014-06-28	11:00:00"	8.3	213.2	17.12	14.12	6.894	217	20.62	11.74	82.4	83.4	-0.929	43.32	40.85	26.124	669.64	0	
"2014-06-28	12:00:00"	4.997	269.2	43.33	12.33	4.028	274	45.25	10.54	86.2	87.4	-1.227	33.87	31.57	26.129	827.97	0	
"2014-06-28	13:00:00"	5.822	228.1	57	12.33	4.892	231.4	60.63	10.54	88.9	90.3	-1.46	30.81	28.36	26.13	935.32	0	
"2014-06-28	14:00:00"	5.422	206.7	52.06	11.74	4.694	215.3	55.08	11.74	91.8	93.2	-1.356	26.99	24.63	26.127	985.1	0	
"2014-06-28	15:00:00"	6.663	239.9	43.15	12.33	5.565	242.2	46.35	11.74	94.5	96.1	-1.575	21.67	19.3	26.116	963.42	0	
"2014-06-28	16:00:00"	6.832	226.1	43.63	17.7	5.742	232	45.72	14.72	96.5	97.9	-1.417	17.55	15.37	26.104	932.16	0	
"2014-06-28	17:00:00"	9.56	243.5	32.39	18.89	7.674	246.2	35.75	16.51	97.8	99.2	-1.466	14.33	12.21	26.095	823.55	0	
"2014-06-28	18:00:00"	10.12	251.1	18.38	18.89	8.17	257	22.06	17.1	98.3	99.5	-1.273	14.46	12.4	26.088	652.18	0	
"2014-06-28	19:00:00"	8.38	250.9	39.97	18.89	6.803	254.7	40.78	16.51	98.4	99.2	-0.787	14.33	12.39	26.074	454.96	0	
"2014-06-28	20:00:00"	7.319	267.4	24.49	15.31	5.522	274.1	27.1	12.93	98.4	98.9	-0.431	13.99	12.27	26.075	245.78	0	
"2014-06-28	21:00:00"	3.729	249.6	20.61	6.368	2.754	263.3	23.69	6.368	97.6	96.9	0.713	14.63	13.46	26.088	63.221	0	
"2014-06-28	22:00:00"	5.363	132.1	76.82	24.26	4.88	73.2	61.78	20.68	93.7	89.5	4.204	21.88	25.73	26.108	0.71634	0	
"2014-06-28	23:00:00"	16.83	162.2	10.06	27.24	13.49	160.7	11.16	21.28	84.6	84.6	0.024	52.83	51.21	26.139	0	0	
"2014-06-29	00:00:00"	16.26	167.9	9.12	26.65	12.82	167.5	11.19	21.28	81.1	81.1	0.013	59.5	58.04	26.167	0	0	
"2014-06-29	01:00:00"	16.65	172.8	7.192	24.86	13.1	172.2	9.77	20.68	79.01	78.99	0.021	64.88	63.57	26.179	0	0	
"2014-06-29	02:00:00"	16.98	174.4	7.088	25.45	13.37	174	10.18	20.09	77.34	77.32	0.021	68.72	67.51	26.185	0	0	
"2014-06-29	03:00:00"	15.24	173.3	7.374	22.47	11.87	172.9	9.83	17.1	76.14	76.07	0.062	69.51	68.43	26.184	0	0	
"2014-06-29	04:00:00"	15.24	173.6	7.451	21.87	11.86	173.7	10.59	18.89	75.68	75.54	0.136	68.35	67.4	26.177	0	0	
"2014-06-29	05:00:00"	15.72	174.5	6.966	23.66	12.28	174.3	9.85	18.89	75.65	75.45	0.205	65.67	64.82	26.183	0	0	
"2014-06-29	06:00:00"	16.53	177.2	6.745	24.26	12.85	176.9	9.9	20.09	75.37	75.15	0.218	65.01	64.15	26.188	0	0	
"2014-06-29	07:00:00"	13.9	176.8	6.863	22.47	10.77	176.3	9.87	18.89	74.63	74.4	0.231	69.03	68.3	26.2	2.0075	0	
"2014-06-29	08:00:00"	11.53	176.8	7.194	18.89	8.97	176.4	10.12	15.31	73.9	73.85	0.049	71.74	70.79	26.214	81.171	0	
"2014-06-29	09:00:00"	15.62	181	7.649	22.47	12.47	180.6	10.85	18.89	75.68	76.1	-0.414	69.13	67.23	26.224	266.3	0	
"2014-06-29	10:00:00"	16.25	182.6	8.93	23.07	12.8	183.1	13.06	18.89	78.89	79.86	-0.974	62.38	59.49	26.231	470.2	0	
"2014-06-29	11:00:00"	14.31	186.5	11.41	21.28	11.41	187.4	15.14	18.3	82.4	83.8	-1.435	54.48	50.92	26.228	663.49	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-06-29	12:00:00"	11.7	199.8	16.13	18.89	9.58	200.7	17.59	17.1	87.1	88.6	-1.476	42.99	39.77	26.227	824	0
"2014-06-29	13:00:00"	10.09	205.2	19.56	16.51	8.44	208.2	24.38	15.91	91.5	93.1	-1.58	34	31.26	26.226	932.42	0
"2014-06-29	14:00:00"	9.9	195.9	17.79	16.51	8.16	198.3	22.16	14.72	95	96.9	-1.903	29	26.19	26.215	980.44	0
"2014-06-29	15:00:00"	9.18	204.7	25.7	17.7	7.905	206.1	30.39	15.31	97.9	99.5	-1.591	22.75	20.21	26.198	956.85	0
"2014-06-29	16:00:00"	8.61	190	41.12	18.89	7.16	188	43.21	16.51	99.5	101.2	-1.664	19.36	16.91	26.179	922.37	0
"2014-06-29	17:00:00"	10.96	172.3	26.27	21.87	9.08	173.9	29.03	18.3	100.7	102.3	-1.581	17.41	15.05	26.162	828.74	0
"2014-06-29	18:00:00"	11.41	156.9	30.14	23.66	9.43	157.6	30.61	20.09	100.8	102.2	-1.378	17.14	14.84	26.151	652.73	0
"2014-06-29	19:00:00"	15.85	158.1	19.12	27.84	12.86	159	20.12	24.26	99.7	100.7	-1.064	22.38	20.04	26.136	438.63	0
"2014-06-29	20:00:00"	21.71	163.3	10.56	33.21	17.48	162.8	11.55	28.43	95.6	96.2	-0.531	31.97	29.88	26.141	226.75	0
"2014-06-29	21:00:00"	20.96	160.7	10.01	31.42	17.05	160.5	11.28	27.84	90.3	90.5	-0.184	39.61	37.75	26.164	56.544	0
"2014-06-29	22:00:00"	19.65	162.9	9.75	29.03	15.87	162.2	10.84	26.05	86.1	86.1	-0.029	46.39	44.57	26.182	0.63937	0
"2014-06-29	23:00:00"	17.45	159.9	9.48	27.84	14.1	158.7	10.5	23.66	82.8	82.9	-0.035	52.59	50.91	26.205	0	0
"2014-06-30	00:00:00"	17.31	162.1	9.73	26.65	13.85	161.6	11.17	23.07	80.3	80.4	-0.019	56.78	55.21	26.221	0	0
"2014-06-30	01:00:00"	16.05	167.3	9.19	23.07	12.82	167.2	10.88	21.28	78.87	78.83	0.039	56.64	55.2	26.223	0	0
"2014-06-30	02:00:00"	18.14	172.1	7.162	27.84	14.15	172	9.43	24.26	78.11	78.01	0.099	56.59	55.26	26.213	0	0
"2014-06-30	03:00:00"	17.3	173.7	7.066	23.07	13.53	173	9.91	20.09	77.71	77.56	0.155	56.57	55.35	26.204	0	0
"2014-06-30	04:00:00"	17.11	176.9	6.528	23.66	13.2	176.2	9.42	19.49	77.35	77.16	0.193	56.6	55.44	26.199	0	0
"2014-06-30	05:00:00"	17.05	175.9	6.584	23.66	13.34	175.7	9.48	20.68	76.92	76.72	0.2	57.28	56.17	26.195	0	0
"2014-06-30	06:00:00"	16.33	173.8	7.047	24.26	12.73	173.1	9.73	21.28	75.9	75.72	0.176	59.64	58.58	26.193	0	0
"2014-06-30	07:00:00"	16.3	173.3	6.922	23.66	12.59	172.9	9.49	20.09	74.29	74.18	0.107	66.86	65.82	26.195	2.256	0
"2014-06-30	08:00:00"	16.95	173	7.045	23.07	13.37	172.6	9.95	20.68	73.75	73.82	-0.075	71.67	70.41	26.2	80.203	0
"2014-06-30	09:00:00"	18.93	175	6.869	26.05	14.86	174.4	9.42	21.87	74.87	75.36	-0.488	70.82	68.75	26.215	251.05	0
"2014-06-30	10:00:00"	18.87	177.1	8.2	26.05	14.88	177	11.49	21.87	77.64	78.58	-0.942	64.67	61.74	26.215	458.31	0
"2014-06-30	11:00:00"	17.97	178	8.76	24.86	14.3	178.1	12.26	21.28	80.9	82.4	-1.486	57.79	54.01	26.206	652.54	0
"2014-06-30	12:00:00"	16.84	181.6	10.01	24.26	13.42	182	13.41	20.68	84.2	86.2	-1.964	51.02	46.68	26.196	810.76	0
"2014-06-30	13:00:00"	15.64	186.3	12.42	26.05	12.67	187.2	16.25	21.87	87.9	90	-2.153	44.46	40.18	26.18	920.47	0
"2014-06-30	14:00:00"	16.36	178.9	11.79	24.26	13.1	178.5	15.79	20.09	91.4	93.8	-2.429	38.73	35.02	26.16	971.32	0
"2014-06-30	15:00:00"	13.81	179.8	13.28	22.47	11.18	180	17.06	21.28	94.9	97.3	-2.375	32.41	29.06	26.137	950.57	0
"2014-06-30	16:00:00"	10.76	179.7	24.48	21.28	8.89	178.8	27.35	17.1	97.5	99.5	-1.943	26.89	24.01	26.116	909.08	0
"2014-06-30	17:00:00"	10.35	167.7	24.6	21.28	8.56	167.1	27.19	20.09	98.7	100.5	-1.73	24.25	21.57	26.095	801.98	0
"2014-06-30	18:00:00"	9.83	180	24.39	18.89	8.04	182.1	28.28	15.91	99.8	101.3	-1.435	21.68	19.22	26.081	647.41	0
"2014-06-30	19:00:00"	16.84	178	13.66	35.59	13.53	178.2	16.26	29.63	99.1	100.2	-1.096	25.25	22.86	26.067	413.14	0
"2014-06-30	20:00:00"	25.51	172.7	7.009	37.38	20.07	172.1	9.91	33.21	93.4	93.9	-0.464	38.59	36.43	26.08	193.52	0
"2014-06-30	21:00:00"	21.81	167.8	9.63	30.82	17.45	167.4	11.5	26.05	89.3	89.6	-0.281	45.07	42.89	26.081	86.571	0
"2014-06-30	22:00:00"	18.63	159.4	11.11	29.03	14.96	159.5	11.73	25.45	84.2	84.3	-0.124	51.4	49.56	26.109	0.69377	0
"2014-06-30	23:00:00"	16.42	166	9.71	25.45	13.16	166	10.98	22.47	80.7	80.8	-0.089	57.1	55.42	26.133	0	0
"2014-07-01	00:00:00"	15.66	169.5	8.19	24.26	12.41	168.8	10.39	20.09	79.26	79.28	-0.021	58.9	57.4	26.137	0	0
"2014-07-01	01:00:00"	12.17	148.2	29.58	27.24	9.57	148.5	30.31	22.47	78.52	78.47	0.044	58.82	57.43	26.154	0	0
"2014-07-01	02:00:00"	14.48	166.4	13.96	21.28	11.4	166.4	15.01	17.1	77.73	77.65	0.081	58.82	57.54	26.143	0	0
"2014-07-01	03:00:00"	12.01	169.9	8.34	19.49	9.44	169.6	10.49	15.31	77.05	76.97	0.087	59.21	57.95	26.136	0	0
"2014-07-01	04:00:00"	13.1	170.3	8.02	20.09	10.27	170.9	10.02	16.51	76.77	76.69	0.088	58.63	57.38	26.118	0	0
"2014-07-01	05:00:00"	11.65	169.3	8.96	17.1	9.17	169.6	10.82	13.52	75.93	75.81	0.12	58.65	57.47	26.112	0	0
"2014-07-01	06:00:00"	12.94	137	21.85	22.47	10.32	137.4	21.64	19.49	75.44	75.35	0.088	56.92	55.64	26.129	0	0
"2014-07-01	07:00:00"	20.85	172	8.1	30.22	16.49	171.7	10.29	26.05	75.78	75.63	0.152	53.26	51.99	26.111	0.5372	0
"2014-07-01	08:00:00"	15.37	57	72.54	26.65	12.15	58.66	72.34	22.47	77.66	77.46	0.201	52.46	51.24	26.178	49.272	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-01	09:00:00"	22.17	80.7	10.26	33.8	16.94	82.8	11.76	26.65	75.5	75.82	-0.313	56.46	54.42	26.223	185.69	0
"2014-07-01	10:00:00"	26.48	96.3	10.13	35.59	20.99	98.3	11.46	31.42	75.59	76.36	-0.768	64.75	61.97	26.217	364.24	0
"2014-07-01	11:00:00"	25.96	119.7	10.14	39.77	20.17	122.5	12.07	32.61	76.06	76.55	-0.494	66.47	64.2	26.205	158.05	0
"2014-07-01	12:00:00"	14.76	124.4	12.24	23.07	11.7	127.1	13.61	21.28	77.14	77.85	-0.706	64.64	62.15	26.258	232.89	0
"2014-07-01	13:00:00"	11.55	112.7	25.57	18.89	9.55	114.7	26.89	16.51	78.81	80.1	-1.303	62.03	58.52	26.273	547.38	0
"2014-07-01	14:00:00"	12.26	88.4	18.09	20.09	10.12	90.5	19.94	17.7	81.2	83.2	-2.043	57.11	52.43	26.271	906.95	0
"2014-07-01	15:00:00"	10.16	91.8	23.02	19.49	8.44	94	27.12	16.51	83.2	85.3	-2.194	52.17	47.36	26.259	945.76	0
"2014-07-01	16:00:00"	11.24	82	16.48	18.89	9.33	83.4	18.44	17.1	85.5	87.3	-1.88	47.65	43.33	26.246	646.14	0
"2014-07-01	17:00:00"	12.83	92.1	15.4	24.26	10.57	94.2	17.07	19.49	87	88.5	-1.505	44.58	40.88	26.232	497.84	0
"2014-07-01	18:00:00"	12.61	87.6	19.65	22.47	10.29	89.9	21.99	18.3	88.1	89.4	-1.341	41.71	38.48	26.219	392.29	0
"2014-07-01	19:00:00"	17.16	94.3	11.83	25.45	13.68	96.6	13.67	21.28	88.3	89.2	-0.9	41.13	38.44	26.203	324.94	0
"2014-07-01	20:00:00"	15.19	111.7	12.06	23.07	12.01	113.7	14.1	18.89	88.3	88.9	-0.65	39.42	37.25	26.213	202.03	0
"2014-07-01	21:00:00"	13.3	117.2	8.39	21.28	10.25	119.9	10.97	17.1	86.9	87	-0.113	39.33	37.64	26.217	34.088	0
"2014-07-01	22:00:00"	11.08	118.5	7.047	15.91	8.45	121.2	9.89	14.12	85.1	84.9	0.21	40.64	39.17	26.243	0.37331	0
"2014-07-01	23:00:00"	12.63	126.9	7.548	19.49	9.61	129.6	9.45	15.91	84.4	84.3	0.107	38.27	36.87	26.279	0	0
"2014-07-02	00:00:00"	15.3	128.8	7.883	21.87	11.69	131.1	9.45	17.7	83.1	82.9	0.173	37.3	35.94	26.282	0	0
"2014-07-02	01:00:00"	11.38	132.7	9.01	17.1	8.77	134.2	9.72	14.72	80.8	80.7	0.137	40.79	39.28	26.285	0	0
"2014-07-02	02:00:00"	8.04	101.8	28.34	12.93	6.125	102.8	27.62	11.14	78.46	78.32	0.134	45.49	43.97	26.295	0	0
"2014-07-02	03:00:00"	6.968	96.4	14.31	10.54	4.903	96.3	16.63	8.16	77.16	76.77	0.391	47.4	46.45	26.306	0	0
"2014-07-02	04:00:00"	7.345	144.2	11.76	11.74	5.58	145.3	11.38	9.35	77.63	77.28	0.355	44.31	43.35	26.297	0	0
"2014-07-02	05:00:00"	7.061	149.5	8.97	11.74	5.555	148.5	9.57	9.95	76.6	76.43	0.162	45.61	44.2	26.303	0	0
"2014-07-02	06:00:00"	6.464	149.1	13.43	9.35	4.997	147.9	14.53	8.75	75.04	74.87	0.164	50.56	49.22	26.312	0	0
"2014-07-02	07:00:00"	5.052	96.1	18.01	8.16	3.683	91.7	20.36	6.368	73.65	73.38	0.262	58.4	57.08	26.346	0.26282	0
"2014-07-02	08:00:00"	3.399	92.5	45.78	6.964	2.318	89.5	48.22	5.175	73.22	73.15	0.07	64.83	63.47	26.372	14.928	0
"2014-07-02	09:00:00"	6.942	29.83	8.86	9.95	5.606	32.81	11.85	8.16	73.03	73.26	-0.23	65.61	64.01	26.4	67.777	0
"2014-07-02	10:00:00"	17.71	11.92	8.61	31.42	13.78	10.47	14.05	26.05	70.77	71.22	-0.446	64.45	62.37	26.42	95.493	0
"2014-07-02	11:00:00"	21.54	15.35	9.91	30.82	16.86	15.05	15.81	28.43	70.78	71.71	-0.929	60.53	57.66	26.423	278.83	0
"2014-07-02	12:00:00"	20.63	24.31	9.77	29.03	16.44	26.06	14.73	25.45	73.04	74.48	-1.44	56.33	52.7	26.421	478.21	0
"2014-07-02	13:00:00"	16.77	44.7	15.93	24.26	13.88	47.96	17.22	21.28	77.4	79.88	-2.473	49.82	44.84	26.41	920.56	0
"2014-07-02	14:00:00"	15.31	67.8	16.91	29.03	12.64	69.72	18.37	24.26	80.4	82.8	-2.362	46.59	41.72	26.388	893.14	0
"2014-07-02	15:00:00"	15.89	76.97	14.13	27.24	12.89	79.15	15.97	23.66	82.4	84.4	-1.964	42.32	38.43	26.373	721.13	0
"2014-07-02	16:00:00"	13.87	74.12	15.3	22.47	11.25	75.93	16.61	20.68	83.8	85.8	-2.009	39.74	36.26	26.365	705.59	0
"2014-07-02	17:00:00"	15.16	71.1	20.52	40.36	12.21	73.13	21.28	32.01	81.9	82.5	-0.686	45.69	44.58	26.347	164.37	0.02
"2014-07-02	18:00:00"	25.78	59.85	47.76	58.85	20.24	62.46	48.93	48.71	66.63	66.33	0.304	78.18	80.1	26.335	23.38	1.87
"2014-07-02	19:00:00"	18.39	174.9	10.05	36.78	14.43	177.8	13.02	30.22	65.71	65.75	-0.042	81.7	81.6	26.328	20.744	1.05
"2014-07-02	20:00:00"	12.69	166.4	14.3	32.61	9.82	170.7	16.88	25.45	67.37	67.4	-0.03	77.35	77.21	26.353	9.6876	0.61
"2014-07-02	21:00:00"	8.72	13.76	35.83	14.12	5.485	11.74	36.63	9.95	69.13	67.76	1.375	76.84	81.6	26.36	2.8992	0.04
"2014-07-02	22:00:00"	12.46	12.03	13.46	20.09	9.08	12.03	16.6	15.91	69.34	68.7	0.642	80.4	82.9	26.376	0.48959	0.02
"2014-07-02	23:00:00"	13.05	4.151	13.58	20.09	9.69	3.321	16.54	16.51	68.26	67.98	0.279	85.4	86.4	26.402	0.67772	0
"2014-07-03	00:00:00"	13.02	15.4	7.398	20.68	9.79	15.89	13.82	15.91	68.36	68.11	0.243	85.6	86.4	26.427	0.3205	0.01
"2014-07-03	01:00:00"	5.77	65.03	72.26	12.93	4.193	70.42	76.72	12.33	70	69.37	0.63	80.3	82.9	26.434	0.64836	0.03
"2014-07-03	02:00:00"	6.512	338.9	49.74	12.93	4.668	334.1	47.64	11.74	69.93	69.22	0.712	79.64	82.5	26.448	0.2833	0
"2014-07-03	03:00:00"	5.517	341.5	62.93	10.54	3.648	346.8	62.16	8.16	68.47	68.02	0.453	83.5	85.6	26.451	0.29633	0
"2014-07-03	04:00:00"	8.29	35.47	13.14	12.93	6.147	37.89	15.12	11.14	68.3	67.94	0.359	84	85.4	26.434	0	0
"2014-07-03	05:00:00"	9.27	52.48	7.363	12.93	7.356	54.58	8.09	10.54	67.27	67.16	0.112	86.6	87	26.424	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-03	06:00:00"	9.44	53.19	8.56	12.93	7.633	55.55	9.62	11.14	66.83	66.78	0.049	88.5	88.6	26.429	0
"2014-07-03	07:00:00"	7.73	65.53	7.855	11.14	5.95	66.9	9.22	8.75	66.28	66.25	0.025	89.9	89.8	26.434	0.58265
"2014-07-03	08:00:00"	7.815	52.1	10.47	11.74	6.332	54.04	11.12	9.95	66.45	66.45	0.004	89.1	89.1	26.441	38.162
"2014-07-03	09:00:00"	9.05	63.18	12.36	14.72	7.458	64.91	13.15	11.74	67.93	68.32	-0.389	87.2	86.7	26.452	247.92
"2014-07-03	10:00:00"	10.54	80.7	9.47	14.72	8.41	82.3	11.62	12.93	70.84	71.49	-0.657	79.19	78.68	26.455	451.95
"2014-07-03	11:00:00"	9.01	112.3	17.22	14.72	7.411	115	18.96	13.52	73.95	74.67	-0.72	69.75	69.58	26.452	625.17
"2014-07-03	12:00:00"	9.41	135	15.18	16.51	7.703	137.1	16.17	14.12	76.66	77.51	-0.851	62.24	62.31	26.448	759.73
"2014-07-03	13:00:00"	10.07	146.3	17.91	18.3	8.22	147.9	19.04	15.31	79.32	80.2	-0.894	54.17	54.21	26.441	802.63
"2014-07-03	14:00:00"	12.42	148.6	16.34	20.68	10.19	149.2	16.97	18.89	82.2	83.2	-0.942	44.74	44.6	26.427	897.5
"2014-07-03	15:00:00"	13.38	156.4	15.83	23.07	10.85	156.7	16.76	18.89	83.9	85	-1.143	40.21	39.48	26.411	871.26
"2014-07-03	16:00:00"	12.43	149.9	19.92	19.49	10.09	150.5	20.32	18.3	85.4	86.6	-1.151	36.89	36.01	26.389	815.36
"2014-07-03	17:00:00"	16.23	128.7	14.29	25.45	12.84	131	15.25	21.87	85.1	86.1	-1.063	40.6	39.2	26.375	623.01
"2014-07-03	18:00:00"	19.01	131.7	12.23	27.24	15.02	133.6	13.23	23.66	85	85.9	-0.96	40.09	38.59	26.366	604.56
"2014-07-03	19:00:00"	19.98	130.3	9.85	29.03	15.65	132.8	10.86	23.66	83.7	84.4	-0.694	41.64	40.08	26.355	435.62
"2014-07-03	20:00:00"	18.22	138.5	10.51	25.45	14.32	139.8	11.12	20.68	83.4	83.6	-0.226	39.27	38.27	26.351	229.96
"2014-07-03	21:00:00"	13.05	148.9	8.89	20.68	10.31	149.3	9.29	17.7	82.9	82.6	0.257	38.49	38.01	26.355	58.371
"2014-07-03	22:00:00"	11	128.1	12.57	15.31	8.07	129.2	13.25	11.74	79.53	78.85	0.681	45.34	45.93	26.369	0.56599
"2014-07-03	23:00:00"	9.38	111.4	5.659	12.33	6.424	110.2	8.91	9.35	76.43	75.45	0.98	52.67	54.53	26.402	0
"2014-07-04	00:00:00"	8.31	120.4	10.35	10.54	5.034	117.6	13.83	7.561	74.77	73.17	1.604	55.41	59.74	26.427	0
"2014-07-04	01:00:00"	8.49	135.2	7.401	12.93	5.448	132.9	9.55	8.75	73.68	72.21	1.473	53.43	57.8	26.438	0
"2014-07-04	02:00:00"	9.19	148.9	8.61	15.91	6.761	148.5	8.44	12.93	72.66	71.79	0.863	51.66	53.49	26.441	0
"2014-07-04	03:00:00"	9.45	134.3	11.19	14.12	6.605	134.1	12.08	11.14	71.45	70.42	1.031	54.14	56.44	26.44	0
"2014-07-04	04:00:00"	7.449	86.9	19.86	9.95	4.736	77.02	23.1	6.964	67.3	65.92	1.383	64.44	69.02	26.443	0
"2014-07-04	05:00:00"	7.401	84.7	6.228	9.35	4.508	71.7	8.62	6.368	65.91	64.33	1.579	70.29	74.96	26.441	0
"2014-07-04	06:00:00"	8.91	99.5	11	11.74	6.012	97.1	13.91	8.75	65.54	64.64	0.892	77.64	79.65	26.442	0
"2014-07-04	07:00:00"	8.68	110.5	8.23	11.74	6.014	108.9	10.48	8.16	65.51	64.91	0.602	79.93	81.2	26.448	1.6064
"2014-07-04	08:00:00"	9.28	129.9	9.66	12.93	6.775	130.6	11.01	10.54	66.83	66.45	0.38	75.56	76.48	26.46	63.016
"2014-07-04	09:00:00"	10.71	155.6	12.8	17.7	8.57	155.3	13.43	15.31	69.78	69.87	-0.089	68.73	68.47	26.475	249.19
"2014-07-04	10:00:00"	14.58	171.3	9.32	21.87	11.56	170.5	11.77	18.3	72.8	73.23	-0.425	63.77	62.82	26.483	451.07
"2014-07-04	11:00:00"	15.15	171.3	9.74	23.07	12.1	170.6	11.99	18.3	76.2	76.98	-0.779	56.77	55.19	26.474	643.62
"2014-07-04	12:00:00"	14.94	171.4	12.48	24.86	11.97	170.8	14.59	20.09	79.24	80.4	-1.189	49.44	47.3	26.464	805.3
"2014-07-04	13:00:00"	13.11	172.9	12.82	23.07	10.63	172.8	15.57	18.89	81.5	82.9	-1.408	43.71	41.27	26.459	911.8
"2014-07-04	14:00:00"	12.53	167.2	18.79	20.68	10.22	166.8	20.57	18.89	83.5	85.1	-1.615	38.71	36.49	26.447	961.82
"2014-07-04	15:00:00"	13.08	163.8	16.53	22.47	10.77	163.1	17.96	18.89	85.4	87	-1.632	35.45	33.22	26.429	913.61
"2014-07-04	16:00:00"	13.68	164.1	17.41	23.66	11.08	164.7	19.52	19.49	86.7	88.2	-1.46	32.06	29.99	26.416	773.69
"2014-07-04	17:00:00"	15.05	153.9	17.81	24.86	12.16	154.9	18.15	20.68	88.1	89.6	-1.494	29.4	27.36	26.402	756.78
"2014-07-04	18:00:00"	15.96	155.1	16.93	26.05	12.94	155.9	17.71	22.47	88.5	89.7	-1.173	27.74	25.82	26.386	626.37
"2014-07-04	19:00:00"	15.45	161.4	13.68	23.66	12.45	161.3	14.64	20.68	88.5	89.3	-0.775	25.49	23.83	26.377	436.91
"2014-07-04	20:00:00"	15.49	160.7	12.42	26.65	12.45	160.6	13.15	22.47	87.4	87.6	-0.285	25.16	23.73	26.375	227.87
"2014-07-04	21:00:00"	14.88	161	10.35	22.47	11.86	160.2	11.14	19.49	85.2	85.1	0.109	27.73	26.53	26.384	58.367
"2014-07-04	22:00:00"	10.78	159.7	9.68	20.09	8.6	158.5	10.02	17.1	81.9	81.6	0.318	32.67	31.77	26.394	0.46816
"2014-07-04	23:00:00"	9.41	154.4	8.26	13.52	7.396	153.8	8.66	11.74	79.07	78.65	0.415	36.63	36.01	26.416	0
"2014-07-05	00:00:00"	9.58	151.7	8.71	14.72	7.34	150.8	8.69	12.33	76.81	76.31	0.494	40.01	39.65	26.434	0
"2014-07-05	01:00:00"	9.37	152.5	7.915	13.52	7.192	152.4	8.59	10.54	74.97	74.48	0.493	42.67	42.32	26.441	0
"2014-07-05	02:00:00"	8.73	163.9	9.15	13.52	6.743	163.7	10.56	9.95	73.45	72.93	0.517	47.81	47.58	26.443	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-07-05	03:00:00"	8.02	164.3	8.61	11.74	6.047	164.1	9.22	9.35	72.02	71.46	0.558	53.66	53.76	26.442	0	0
"2014-07-05	04:00:00"	7.325	156.9	9.48	11.74	5.558	155.8	9.77	9.35	71	70.49	0.508	57.27	57.46	26.44	0	0
"2014-07-05	05:00:00"	7.792	142.1	9.49	11.14	5.471	140.8	10.87	8.75	69.67	68.99	0.68	60.15	61.09	26.441	0	0
"2014-07-05	06:00:00"	7.761	146.2	12.76	12.33	5.674	145.5	13.72	9.35	69.03	68.47	0.561	62.43	63.04	26.447	0	0
"2014-07-05	07:00:00"	7.289	141.2	12.28	10.54	5.029	139.3	14.57	8.75	67.34	66.63	0.711	65.16	66.53	26.452	1.6078	0
"2014-07-05	08:00:00"	7.388	144.8	8.74	11.74	5.521	144.2	9.18	9.35	67.44	67.25	0.192	69.35	69.25	26.454	76.91	0
"2014-07-05	09:00:00"	11.77	162.9	10.32	19.49	9.46	162.4	11.94	17.1	70.78	71.02	-0.233	68.59	67.43	26.456	259.8	0
"2014-07-05	10:00:00"	15	174.2	8.84	21.28	11.9	173.7	11.07	17.1	74.01	74.66	-0.648	61.48	59.58	26.454	461.35	0
"2014-07-05	11:00:00"	13.97	173.5	9.76	20.68	11.2	172.9	12.09	17.1	76.65	77.79	-1.143	55.65	53.03	26.438	654.72	0
"2014-07-05	12:00:00"	12.61	176.6	10.16	19.49	10.19	175.9	13.13	15.91	79.89	81.4	-1.51	47.52	44.55	26.43	815.19	0
"2014-07-05	13:00:00"	11.13	168.5	15.45	19.49	9.13	168.2	16.85	15.31	82.9	84.5	-1.625	39.72	37.18	26.423	924.45	0
"2014-07-05	14:00:00"	9.25	181	27.49	19.49	7.678	181.1	31.59	15.31	85.2	86.6	-1.445	35.38	33.17	26.41	971.04	0
"2014-07-05	15:00:00"	11.7	165.3	20.4	21.87	9.5	165.9	21.97	17.1	86.9	88.8	-1.896	31.06	28.65	26.393	954.51	0
"2014-07-05	16:00:00"	11.47	168.3	16.12	23.66	9.29	168.6	18.58	18.3	88.2	89.8	-1.547	29.44	27.24	26.378	832.62	0
"2014-07-05	17:00:00"	11.32	175.7	20.13	21.28	9.24	176.9	23.83	17.7	89.4	90.9	-1.491	26.81	24.74	26.357	812.91	0
"2014-07-05	18:00:00"	11.6	164.4	20.78	21.28	9.46	164.5	23.11	18.3	89.8	91.2	-1.31	26.26	24.25	26.34	649.86	0
"2014-07-05	19:00:00"	11	170.2	16.72	18.3	8.91	170.3	19.03	15.91	89.9	90.8	-0.943	25.95	24.17	26.322	436.42	0
"2014-07-05	20:00:00"	10.6	155.9	13.32	16.51	8.68	155.8	14.04	14.12	89.2	89.6	-0.42	26.54	24.96	26.318	215.53	0
"2014-07-05	21:00:00"	12.06	153.9	9.44	17.1	9.89	153.2	10.08	15.31	87	87	0.011	29.1	27.7	26.33	41.545	0
"2014-07-05	22:00:00"	12.13	154.2	9.05	19.49	9.83	153.3	9.16	15.31	83.7	83.5	0.148	34.2	32.92	26.342	0.33269	0
"2014-07-05	23:00:00"	14.11	160.9	9.73	22.47	11.31	160.5	10.7	18.89	81.2	81.1	0.16	39.52	38.27	26.359	0	0
"2014-07-06	00:00:00"	14.7	164.9	9.19	20.68	11.54	164.7	10.33	18.3	79.24	79.08	0.167	42.84	41.55	26.369	0	0
"2014-07-06	01:00:00"	13.92	170.9	7.044	18.89	10.9	170.4	9.4	16.51	77.25	77.07	0.177	47.59	46.45	26.369	0	0
"2014-07-06	02:00:00"	13.4	174	6.769	18.89	10.47	172.7	9.65	15.91	75.86	75.72	0.142	50.71	49.62	26.36	0	0
"2014-07-06	03:00:00"	13.03	176.6	6.386	18.3	10.04	175.2	9.59	15.91	74.54	74.35	0.193	53.49	52.55	26.351	0	0
"2014-07-06	04:00:00"	10.28	170.9	7.049	14.12	7.918	170.4	9.38	11.74	73.08	72.87	0.219	56.88	56.12	26.344	0	0
"2014-07-06	05:00:00"	9.51	166.2	9.05	14.12	7.504	165.9	10.68	11.74	72.33	72.14	0.188	59.35	58.6	26.337	0	0
"2014-07-06	06:00:00"	8.02	166.6	9.18	12.33	6.235	165.9	10.47	9.95	71.17	70.93	0.245	62.32	61.81	26.336	0	0
"2014-07-06	07:00:00"	4.965	116.6	59.75	8.75	3.59	116.4	63.87	7.561	69.49	68.81	0.675	66.5	67.52	26.349	1.0603	0
"2014-07-06	08:00:00"	4.835	65.73	25.49	6.368	3.403	58.65	25.69	5.175	68.81	68.06	0.748	68.14	70.53	26.368	50.42	0
"2014-07-06	09:00:00"	4.203	74.36	18.72	6.964	3.645	75.23	19.17	6.368	69.85	70.18	-0.331	67.06	65.88	26.383	162.32	0
"2014-07-06	10:00:00"	6.788	125.8	29.43	12.93	5.644	127.6	30.24	10.54	71.6	72.04	-0.437	64.67	63.13	26.382	180.44	0
"2014-07-06	11:00:00"	5.48	179.1	17.85	9.35	4.629	180.5	22.77	7.561	72.88	73.36	-0.481	62.98	61.37	26.379	242.13	0
"2014-07-06	12:00:00"	5.189	158.2	24.76	9.35	4.375	158.8	27.72	8.75	74.47	75.08	-0.61	60.8	58.93	26.373	412.85	0
"2014-07-06	13:00:00"	5.567	126.9	20.13	9.35	4.683	128.1	21.98	7.561	77.2	77.91	-0.702	56.51	54.38	26.367	383.08	0
"2014-07-06	14:00:00"	4.31	159.4	41.51	9.35	3.662	160.8	45.45	9.35	80.3	80.9	-0.558	49.59	47.7	26.357	491.01	0
"2014-07-06	15:00:00"	6.578	183.7	22.21	11.74	5.508	186.3	25.8	9.95	82.5	83.1	-0.542	42.38	40.62	26.344	319.2	0
"2014-07-06	16:00:00"	6.196	238.4	22.14	9.95	5.151	241.1	26.14	8.75	82.9	83.4	-0.43	42.88	41.28	26.328	313.13	0
"2014-07-06	17:00:00"	7.14	219.2	19.4	12.33	6.115	218.7	22.46	11.14	83.1	83.4	-0.358	43.04	41.35	26.306	310.17	0
"2014-07-06	18:00:00"	5.985	222.2	17.46	9.95	5.093	224.5	20.73	8.16	83.2	83.4	-0.204	39.88	38.49	26.289	198.18	0
"2014-07-06	19:00:00"	5.088	235.5	18.72	8.16	4.382	238.5	22.92	9.35	84.2	84.4	-0.188	37.67	36.56	26.271	323.65	0
"2014-07-06	20:00:00"	4.924	280.8	24.92	8.16	3.512	286.4	27.1	7.561	84.1	84	0.114	36.23	36.33	26.273	161.31	0
"2014-07-06	21:00:00"	3.313	265	30.9	5.771	2.069	275.4	46	4.578	83.2	82	1.236	36.57	38.91	26.274	31.787	0
"2014-07-06	22:00:00"	3.663	285.1	36.84	5.175	2.684	307.6	52	4.578	81.5	78.59	2.9	39.9	47.27	26.284	0.28261	0
"2014-07-06	23:00:00"	5.385	56.95	31.31	8.16	3.403	59.81	26.69	5.175	79.55	74.34	5.217	41.97	57.3	26.301	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-07	00:00:00"	7.934	156.6	11.37	11.74	5.725	154.9	12.07	9.35	77.98	76.69	1.286	46.43	48.32	26.32	0
"2014-07-07	01:00:00"	7.847	171.5	7.829	11.14	5.642	168.9	9.86	8.75	76.6	75.68	0.923	47.18	47.96	26.332	0
"2014-07-07	02:00:00"	5.643	159.6	8.56	8.16	3.771	152.1	13.71	6.368	75.11	74.03	1.087	49.76	51.13	26.331	0
"2014-07-07	03:00:00"	4.859	145.3	10.38	9.95	2.732	107.1	27.14	7.561	73.33	71.44	1.888	54.94	59.01	26.324	0
"2014-07-07	04:00:00"	7.922	151.5	7.644	11.74	5.709	149.3	8.23	9.95	73.13	72.39	0.737	58.1	58.56	26.318	0
"2014-07-07	05:00:00"	6.855	151.9	8.27	10.54	4.784	148.6	8.82	8.16	72.35	71.57	0.778	60.64	61.28	26.31	0
"2014-07-07	06:00:00"	3.918	146	14.99	6.368	2.086	104.9	56.33	3.982	71.18	69.69	1.495	63.09	65.71	26.308	0
"2014-07-07	07:00:00"	3.969	124.9	28.23	6.368	2.096	89.8	47.7	3.386	70.94	68.78	2.157	62.88	67.48	26.311	3.6517
"2014-07-07	08:00:00"	4.918	119.7	20.64	9.35	3.48	108.2	32.28	6.368	69.88	68.6	1.284	66.17	69.35	26.32	80.954
"2014-07-07	09:00:00"	8.04	146.3	11.79	13.52	6.461	146.4	11.76	11.14	73.37	73.54	-0.177	60.53	59.62	26.326	260.64
"2014-07-07	10:00:00"	9	163.9	12.49	13.52	7.411	163.6	14.11	11.74	76.55	77.17	-0.622	52.21	50.41	26.327	464.37
"2014-07-07	11:00:00"	7.139	175.2	19.19	12.93	5.823	172.6	21.91	11.14	78.98	79.93	-0.954	46.99	44.79	26.324	656.92
"2014-07-07	12:00:00"	6.051	155.3	38.82	11.14	5.128	157.4	42.24	9.95	81.7	82.8	-1.053	40.55	38.45	26.319	818.46
"2014-07-07	13:00:00"	9.02	156	22.32	17.1	7.54	156.6	22.8	15.31	83.9	85.2	-1.29	35.34	33.15	26.311	846.57
"2014-07-07	14:00:00"	10.76	151.4	24.46	20.09	8.89	151.2	24.88	17.1	85.7	87.5	-1.852	32.26	29.8	26.297	994.69
"2014-07-07	15:00:00"	9.25	165.5	33.55	18.89	7.696	165.9	34.34	17.1	87	88.6	-1.619	29.12	26.87	26.282	937.34
"2014-07-07	16:00:00"	9.71	154.5	36.24	18.3	8.06	156	37.32	15.31	88.1	89.6	-1.507	29	26.77	26.268	832.31
"2014-07-07	17:00:00"	9.74	163.1	24.56	17.7	7.974	163.9	26.19	17.1	89	90.5	-1.484	27.68	25.55	26.247	777.69
"2014-07-07	18:00:00"	10.83	154.5	19.79	19.49	8.9	156	21.68	16.51	89.9	91.2	-1.328	26.68	24.56	26.228	682.93
"2014-07-07	19:00:00"	11.61	154.6	14.81	19.49	9.49	156.2	16.59	15.91	90	90.9	-0.912	26	24.05	26.216	422.81
"2014-07-07	20:00:00"	11.62	153.1	16.54	18.3	9.38	154.3	17.84	15.31	89.6	90.1	-0.521	26.04	24.35	26.211	235.99
"2014-07-07	21:00:00"	11.5	143	9.9	18.3	9.07	143.6	10.22	14.12	87.6	87.6	-0.001	29.69	28.29	26.216	60.798
"2014-07-07	22:00:00"	11.38	143.7	8.02	15.91	8.67	144	8.57	12.93	84.5	84.2	0.285	33.53	32.39	26.237	0.58392
"2014-07-07	23:00:00"	11.71	155.2	9.28	17.7	9.32	154.2	9.65	14.12	82.3	82	0.233	36.18	35.01	26.263	0
"2014-07-08	00:00:00"	13.7	164.4	9.26	22.47	10.73	163.6	10.73	19.49	80.8	80.6	0.264	37.08	35.98	26.284	0
"2014-07-08	01:00:00"	15.97	170.2	7.106	24.86	12.46	169.8	9.5	19.49	79.06	78.82	0.242	40.08	38.91	26.299	0
"2014-07-08	02:00:00"	14.19	169.9	7.661	23.07	11.02	169.9	10.02	17.7	76.77	76.56	0.204	44.04	42.81	26.299	0
"2014-07-08	03:00:00"	13.4	172.5	6.668	18.89	10.3	171.8	9.32	16.51	74.95	74.76	0.187	50.11	48.97	26.287	0
"2014-07-08	04:00:00"	11.56	174	6.341	16.51	8.77	173.5	9.14	13.52	73.78	73.55	0.224	54.6	53.65	26.283	0
"2014-07-08	05:00:00"	7.463	179.2	8.72	11.74	5.544	180	12.68	9.35	72.25	71.96	0.29	58.27	57.61	26.291	0
"2014-07-08	06:00:00"	6.645	174.6	9.58	9.95	5.049	173.6	11.66	8.16	70.89	70.57	0.315	61.46	60.98	26.291	0
"2014-07-08	07:00:00"	5.662	199	14.22	9.35	4.256	202.2	15.66	7.561	70.06	69.72	0.339	63.24	62.82	26.297	1.2204
"2014-07-08	08:00:00"	6.058	186.5	10.33	9.35	4.565	188.3	14.1	7.561	69.76	69.59	0.176	64.25	63.83	26.31	73.51
"2014-07-08	09:00:00"	10.13	177.2	7.834	15.31	8.06	177.1	10.84	12.93	72.12	72.54	-0.423	62.01	60.38	26.32	256.07
"2014-07-08	10:00:00"	10.69	189.7	10.41	15.31	8.57	190.9	14.45	12.33	75.16	76.06	-0.9	56.42	54	26.331	457.93
"2014-07-08	11:00:00"	8.88	175	15.86	13.52	7.304	175	18.71	11.14	78.48	79.66	-1.183	49.68	46.96	26.334	652.12
"2014-07-08	12:00:00"	6.876	175.8	24.34	11.74	5.83	176.6	28.65	11.14	82	83.2	-1.205	41.84	39.37	26.337	834.6
"2014-07-08	13:00:00"	5	169.4	62.49	11.14	4.261	169.7	66.83	10.54	84.5	85.5	-1.023	38.63	36.58	26.337	938.1
"2014-07-08	14:00:00"	6.017	140.8	61.48	14.72	5.022	147.5	59.02	12.93	86.8	88.1	-1.32	34.64	32.44	26.328	975.33
"2014-07-08	15:00:00"	5.738	115.3	56.99	15.91	4.834	118.6	60.35	14.12	88.1	89.5	-1.454	33.01	30.7	26.315	881.85
"2014-07-08	16:00:00"	6.35	152.1	52.89	12.93	5.543	154.8	54.23	11.14	88.6	89.9	-1.267	32.76	30.57	26.305	846.02
"2014-07-08	17:00:00"	6.597	90.3	40.21	15.91	5.621	93.6	42.26	14.12	90	91.1	-1.145	29.64	27.61	26.288	757.53
"2014-07-08	18:00:00"	9.77	89.2	20.38	19.49	8.04	91.8	22.19	17.1	91.1	92.6	-1.449	26.7	24.55	26.273	661.51
"2014-07-08	19:00:00"	10.29	123.8	18.23	18.3	8.32	126	19.14	14.72	91.5	92.5	-1.053	24.7	22.73	26.257	452.13
"2014-07-08	20:00:00"	12.95	112.9	16.32	18.3	9.94	115.7	17.61	15.91	90.4	91	-0.517	27.26	25.49	26.263	217.24

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-08	21:00:00"	13.02	131.8	7.907	19.49	9.96	133.6	9.21	18.89	88.3	88.3	-0.017	30.91	29.46	26.274	54.689	0
"2014-07-08	22:00:00"	10.33	138.5	6.202	15.91	7.826	139.2	7.424	12.93	85	84.8	0.267	35.5	34.36	26.297	0.27519	0
"2014-07-08	23:00:00"	10.36	154.5	9.99	17.1	8.28	154.1	9.99	13.52	83.2	83.1	0.184	38.76	37.49	26.325	0	0
"2014-07-09	00:00:00"	10.89	164.1	10.07	16.51	8.62	162.8	11.24	13.52	81.5	81.3	0.227	42.42	41.09	26.343	0	0
"2014-07-09	01:00:00"	11.13	169.9	7.157	16.51	8.72	169.5	9.37	13.52	79.85	79.58	0.266	45.71	44.58	26.346	0	0
"2014-07-09	02:00:00"	11.3	172.8	6.133	14.72	8.62	171.5	8.91	12.33	78.16	77.88	0.285	48.45	47.43	26.351	0	0
"2014-07-09	03:00:00"	11.33	171.9	6.297	14.72	8.67	171	8.81	12.93	76.29	76.05	0.247	53.61	52.64	26.342	0	0
"2014-07-09	04:00:00"	10.72	169.8	7.283	15.91	8.41	168.9	9.52	13.52	74.6	74.36	0.235	58.42	57.55	26.339	0	0
"2014-07-09	05:00:00"	11.39	168	7.446	16.51	8.94	167.9	9.39	13.52	73.56	73.32	0.242	60.79	60.02	26.335	0	0
"2014-07-09	06:00:00"	8.44	163.8	8.76	12.93	6.555	163.3	9.8	11.14	72.63	72.35	0.276	62.47	61.84	26.33	0	0
"2014-07-09	07:00:00"	7.308	155	9.43	11.14	5.604	153.5	9.89	8.75	71.65	71.36	0.29	64.56	64.04	26.331	1.1882	0
"2014-07-09	08:00:00"	5.863	140.1	8.65	9.35	4.305	137.2	10.34	6.964	70.66	70.47	0.194	67.21	66.91	26.343	71.84	0
"2014-07-09	09:00:00"	8.06	149.9	13.56	12.93	6.592	150.4	14.19	11.14	73.37	73.77	-0.4	63.63	61.99	26.349	254.52	0
"2014-07-09	10:00:00"	9.09	165.2	12.47	14.12	7.551	165.2	14.65	11.74	76.45	77.29	-0.841	58.02	55.64	26.357	454.43	0
"2014-07-09	11:00:00"	9.03	155.8	16.03	14.72	7.46	156.3	16.44	11.74	79.18	80.4	-1.255	53.01	50.06	26.357	651.19	0
"2014-07-09	12:00:00"	9.97	144.7	20.07	17.1	8.16	145.7	21.01	14.72	82.2	83.8	-1.598	45.45	42.17	26.355	809.81	0
"2014-07-09	13:00:00"	12.04	134.4	13.79	21.87	9.83	135.1	15.63	17.1	85	86.9	-1.87	37.68	34.8	26.345	917.49	0
"2014-07-09	14:00:00"	13.67	129.5	18.32	23.66	11.14	131.3	19.15	22.47	87.2	89.4	-2.15	33.3	30.37	26.328	973.75	0
"2014-07-09	15:00:00"	14.16	142.1	21.15	23.66	11.48	144	21.48	20.68	88.2	90.2	-2.017	32.55	29.69	26.313	863.85	0
"2014-07-09	16:00:00"	14.03	147	16.95	24.86	11.46	147.7	18.95	20.68	88.8	90.8	-1.992	32.42	29.55	26.3	906.26	0
"2014-07-09	17:00:00"	14.01	152.3	17.37	22.47	11.4	152.3	18.12	21.87	89.5	91.4	-1.943	32.3	29.46	26.281	821.57	0
"2014-07-09	18:00:00"	14.44	152.6	17.27	22.47	11.77	153.4	17.69	18.89	89.7	91.3	-1.598	31.19	28.59	26.263	596.4	0
"2014-07-09	19:00:00"	14.97	139.6	14.7	22.47	11.97	141.2	15.25	20.09	89.2	90.4	-1.24	32.07	29.73	26.248	441.2	0
"2014-07-09	20:00:00"	14.97	147.3	13.36	23.66	11.98	147.5	13.39	18.89	88	88.5	-0.565	34.08	32.13	26.248	161.35	0
"2014-07-09	21:00:00"	13.65	159.9	10.17	21.87	11.02	159.6	11.19	17.7	86.1	86.3	-0.169	37.07	35.44	26.265	41.053	0
"2014-07-09	22:00:00"	11.01	152.6	8.53	15.31	8.97	152.6	8.81	14.72	83.4	83.4	0.032	40.68	39.1	26.288	0.28978	0
"2014-07-09	23:00:00"	9.72	158.5	9.75	14.72	7.853	157.4	10.32	12.33	81.3	81.2	0.099	44.19	42.66	26.309	0	0
"2014-07-10	00:00:00"	9.75	168.9	7.453	14.72	7.551	168.8	9.33	11.74	79.28	79.07	0.207	48.46	47.29	26.322	0	0
"2014-07-10	01:00:00"	9.95	167	8.5	16.51	7.728	167.7	10.21	13.52	77.68	77.43	0.25	50.97	49.93	26.321	0	0
"2014-07-10	02:00:00"	9.67	167.7	8.58	15.31	7.519	167.6	10.16	11.74	76.44	76.27	0.169	55.4	54.29	26.321	0	0
"2014-07-10	03:00:00"	8.57	166.7	8.31	12.93	6.76	166.2	9.96	10.54	74.84	74.65	0.194	60.1	59.2	26.312	0	0
"2014-07-10	04:00:00"	8.28	159.2	9.2	12.93	6.584	157.8	9.83	10.54	73.52	73.33	0.194	59.82	59	26.302	0	0
"2014-07-10	05:00:00"	8.99	150.5	9.63	13.52	6.991	149.9	9.92	11.74	72.17	71.97	0.199	58.76	57.96	26.293	0	0
"2014-07-10	06:00:00"	9.24	135.8	7.055	12.93	6.595	135.3	8.65	11.14	69.83	69.43	0.401	61.04	60.85	26.29	0	0
"2014-07-10	07:00:00"	10.15	149.6	8.53	14.12	7.998	149.9	8.78	12.33	69.1	68.97	0.124	61.64	60.68	26.291	1.0401	0
"2014-07-10	08:00:00"	8.52	147.8	8.33	11.74	6.659	148.4	9.12	9.35	68.59	68.62	-0.037	64.99	63.89	26.304	70.926	0
"2014-07-10	09:00:00"	10.6	154.4	13.72	17.1	8.59	155	14.29	14.72	71.52	71.93	-0.418	61.77	59.97	26.322	251.18	0
"2014-07-10	10:00:00"	13.93	171.6	9.45	21.87	11.05	170.9	12.07	18.3	74.54	75.36	-0.821	56.27	53.8	26.333	389.19	0
"2014-07-10	11:00:00"	14.1	170.5	11.88	21.28	11.37	170	13.94	18.89	77.11	78.32	-1.207	49.51	46.5	26.333	556.91	0
"2014-07-10	12:00:00"	12.67	160.3	12.87	19.49	10.33	159.9	14.03	16.51	79.6	81	-1.429	43.44	40.45	26.335	754.81	0
"2014-07-10	13:00:00"	13.25	150.7	17.1	20.68	10.91	151.6	17.73	17.7	82.6	84.5	-1.877	37.77	34.86	26.325	922.67	0
"2014-07-10	14:00:00"	13.28	157	17.92	22.47	10.85	157.3	19.38	20.68	84.9	87	-2.104	34.86	31.84	26.306	968.62	0
"2014-07-10	15:00:00"	14.84	149.4	18.45	23.07	12.06	149.9	19.22	20.09	86.4	88.6	-2.25	33.04	29.97	26.286	943.75	0
"2014-07-10	16:00:00"	16.05	162.1	16.06	29.03	13.01	161.3	16.92	25.45	87.6	89.7	-2.078	30.28	27.36	26.266	911.42	0
"2014-07-10	17:00:00"	17.08	159.6	17.02	26.05	13.87	159.7	18	23.66	88	89.9	-1.874	28.35	25.64	26.25	800.72	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-10	18:00:00"	15.22	154.8	15.56	24.86	12.3	154.4	16.65	21.28	88.4	90	-1.571	28.06	25.54	26.238	638.8	0
"2014-07-10	19:00:00"	13.88	159.5	16.67	23.07	11.27	159.4	16.98	19.49	88.4	89.6	-1.161	29.06	26.77	26.229	448.79	0
"2014-07-10	20:00:00"	13.56	163	13.16	20.68	10.92	162	14.31	17.7	87.6	88.2	-0.691	30.52	28.52	26.234	238.94	0
"2014-07-10	21:00:00"	12.28	163.4	11.17	20.09	9.85	163	12	17.7	85.6	85.8	-0.145	33.55	31.94	26.25	60.954	0
"2014-07-10	22:00:00"	11.38	158.3	9.23	17.7	9.27	157.4	10.08	15.31	82.6	82.5	0.054	37.59	36.16	26.273	0.35558	0
"2014-07-10	23:00:00"	10.69	155.7	8.97	17.1	8.61	155.2	9.32	15.31	80.1	80	0.11	40.82	39.35	26.298	0	0
"2014-07-11	00:00:00"	10.2	157.8	9.54	14.72	8.16	156.7	10.53	12.33	77.66	77.53	0.133	45.82	44.37	26.322	0	0
"2014-07-11	01:00:00"	12.77	169.7	8.33	21.28	9.89	169	10.47	18.3	76.53	76.38	0.148	51.67	50.37	26.334	0	0
"2014-07-11	02:00:00"	16.4	172.4	6.62	26.65	12.76	171.8	9.64	21.87	74.29	74.23	0.061	58.79	57.54	26.335	0	0
"2014-07-11	03:00:00"	13.08	175.4	5.925	18.89	10.09	174.4	9.24	15.31	72.26	72.18	0.082	59.21	58.04	26.337	0	0
"2014-07-11	04:00:00"	11.93	175.1	6.489	17.7	9.11	174.2	9.59	14.12	70.49	70.42	0.077	64.82	63.73	26.332	0	0
"2014-07-11	05:00:00"	10.28	172	7.447	15.31	7.989	171.6	9.82	12.33	69.08	69	0.08	69.47	68.5	26.331	0	0
"2014-07-11	06:00:00"	8.55	164.7	9.86	13.52	6.836	164.1	11.32	11.14	67.88	67.83	0.047	73.05	72.09	26.332	0	0
"2014-07-11	07:00:00"	6.485	142.4	12.61	10.54	4.698	140	15.62	8.75	66.03	65.79	0.235	77.11	76.6	26.334	1.1841	0
"2014-07-11	08:00:00"	4.239	115.8	17.79	9.35	3.046	102.1	28.45	6.964	65.42	65.35	0.069	78.78	78.09	26.348	73.445	0
"2014-07-11	09:00:00"	10.75	145.6	11.1	17.1	8.68	146.6	11.75	14.72	68.55	69.14	-0.591	73.21	71.14	26.365	255.03	0
"2014-07-11	10:00:00"	13.4	151.7	13.65	19.49	10.84	152.6	14.44	17.1	70.55	71.63	-1.078	70.04	67	26.377	457.74	0
"2014-07-11	11:00:00"	12.7	166.1	13.59	21.28	10.28	165.7	14.95	16.51	72.33	74	-1.662	66.36	62.36	26.378	641.79	0
"2014-07-11	12:00:00"	12.66	154.5	14.38	21.28	10.45	154.8	15.69	17.1	74.62	76.53	-1.916	61.14	56.74	26.377	814.75	0
"2014-07-11	13:00:00"	12.84	150.8	17.94	21.28	10.54	152	18.49	18.3	77.02	79.16	-2.138	54.44	49.91	26.373	910.8	0
"2014-07-11	14:00:00"	13.21	161	17.7	22.47	10.81	161.3	19.21	17.7	78.87	80.9	-2.034	50.11	45.78	26.363	784.04	0
"2014-07-11	15:00:00"	12.58	162	17.28	28.43	10.27	162.5	18.69	24.26	80.6	82.6	-1.956	46.48	42.38	26.347	778.73	0
"2014-07-11	16:00:00"	13.56	147.2	16.69	24.26	11.15	148.4	17.47	20.09	82.2	84.3	-2.014	44.11	40.03	26.33	785.15	0
"2014-07-11	17:00:00"	13.61	149.8	19.38	23.07	11.11	151.2	20.09	18.3	83.2	85.3	-2.086	42.68	38.7	26.315	781.55	0
"2014-07-11	18:00:00"	15.22	141.8	12.7	22.47	12.33	143.1	13.29	19.49	83.6	85.3	-1.622	41.41	38.12	26.304	473.94	0
"2014-07-11	19:00:00"	18.42	136.8	12.89	26.65	14.53	138.2	13.03	22.47	82.4	83.7	-1.209	44.5	41.25	26.298	318.82	0
"2014-07-11	20:00:00"	18.31	141.6	10.54	29.03	14.56	143	11.1	24.26	81.2	82	-0.801	46.92	44.16	26.301	243.08	0
"2014-07-11	21:00:00"	17.77	142.4	10.9	27.84	14.14	143.3	11.11	24.26	79.47	79.86	-0.387	52.1	49.91	26.316	63.39	0
"2014-07-11	22:00:00"	16.48	148.9	9.13	26.05	13.09	149.4	10.03	21.87	77.1	77.26	-0.162	58.21	56.45	26.341	0.33999	0
"2014-07-11	23:00:00"	15.7	150.4	9.86	26.65	12.54	150.3	10.79	22.47	74.22	74.4	-0.178	64.94	63.3	26.376	0	0
"2014-07-12	00:00:00"	9.96	149.9	9.06	16.51	8.1	149.7	9.85	14.12	72.37	72.51	-0.133	69.02	67.58	26.397	0	0
"2014-07-12	01:00:00"	9.95	147	10.14	15.91	7.942	146.6	10.21	13.52	71.9	72.08	-0.173	68.66	67.17	26.409	0	0
"2014-07-12	02:00:00"	11.36	143.3	9.96	17.1	9.04	143.6	10.56	14.12	71.48	71.62	-0.14	72.39	70.97	26.403	0	0
"2014-07-12	03:00:00"	10.22	130.9	8.29	17.1	7.823	132.4	9.87	14.12	70.42	70.4	0.02	74.32	73.31	26.392	0	0
"2014-07-12	04:00:00"	11.66	138.9	7.432	15.91	9.01	140	8.7	13.52	70.08	70.06	0.019	71.62	70.62	26.384	0	0
"2014-07-12	05:00:00"	11	134.7	7.313	15.91	8.45	136.4	8.63	13.52	69.19	69.16	0.033	73.95	72.98	26.375	0	0
"2014-07-12	06:00:00"	11.89	141.4	8	17.1	9.42	142.3	9.15	14.72	68.87	68.84	0.024	74.25	73.28	26.376	0	0
"2014-07-12	07:00:00"	8.5	129.8	12.98	16.51	6.493	131	13.94	13.52	68.04	68.07	-0.029	76.4	75.4	26.389	0.76861	0
"2014-07-12	08:00:00"	9.62	155.5	11.99	17.7	7.718	155.7	13.28	15.31	69.03	69.26	-0.234	76.84	75.42	26.399	36.306	0
"2014-07-12	09:00:00"	13.9	162.3	10.79	21.87	11.2	161.7	12.42	17.7	70.35	70.83	-0.477	75.66	73.74	26.404	161.1	0
"2014-07-12	10:00:00"	16	169.7	10.93	22.47	12.75	169.3	13.08	19.49	72.05	73.01	-0.963	72.37	69.49	26.41	339.74	0
"2014-07-12	11:00:00"	15.08	164.7	13.62	22.47	12.12	164.9	15.79	19.49	74.04	75.35	-1.315	67.76	64.27	26.411	530.79	0
"2014-07-12	12:00:00"	13.7	169.1	14.9	21.87	11.1	169.4	17.93	17.7	77.02	78.74	-1.715	60.97	56.91	26.41	759.49	0
"2014-07-12	13:00:00"	12.08	172	15.25	20.09	9.72	172.5	17.86	18.3	79.73	81.8	-2.024	55.3	50.94	26.406	775.79	0
"2014-07-12	14:00:00"	10.58	176.8	18.78	17.1	8.64	177.3	23.09	15.31	81.8	83.7	-1.961	50.54	46.41	26.393	879.7	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-12	15:00:00"	10.12	171.3	24.64	18.3	8.23	171.3	26.38	16.51	83.8	85.6	-1.832	46.42	42.52	26.371	809.63	0	
"2014-07-12	16:00:00"	10.38	167.6	22.25	19.49	8.58	168.4	24.42	17.7	85.5	87.5	-1.965	41.33	37.78	26.357	860.67	0	
"2014-07-12	17:00:00"	11.9	155.6	25.85	20.68	9.62	156.1	26.56	18.89	87.5	89.5	-2.025	37.18	34.03	26.334	789.29	0	
"2014-07-12	18:00:00"	12.64	160	17.06	21.28	10.23	160.5	18.56	17.7	88	89.5	-1.517	36.82	34.03	26.319	469.67	0	
"2014-07-12	19:00:00"	14.95	159.8	13.29	24.86	12.13	159.3	14.57	20.09	88.1	89.1	-1.042	36.41	34.01	26.316	358.63	0	
"2014-07-12	20:00:00"	16.89	168.8	11.41	27.24	13.33	168.3	13.04	21.87	86.8	87.5	-0.669	38.23	36.12	26.321	176.77	0	
"2014-07-12	21:00:00"	15.92	172.2	7.028	24.86	12.36	171.8	9.7	19.49	84.4	84.5	-0.093	41.4	39.58	26.326	9.0225	0	
"2014-07-12	22:00:00"	12.02	165.9	9.31	18.3	9.52	165.3	10.83	15.31	82	81.9	0.043	45.67	44.03	26.334	0.28549	0	
"2014-07-12	23:00:00"	13.4	163.6	9.57	21.87	10.62	162.5	10.9	19.49	80.1	80	0.04	50.77	49.23	26.356	0	0	
"2014-07-13	00:00:00"	13.83	169.2	8.01	23.66	10.86	168.9	10.22	18.89	78.31	78.25	0.061	53.25	51.85	26.374	0	0	
"2014-07-13	01:00:00"	12.7	169.9	8.01	17.7	9.94	169.9	10.53	15.31	76.62	76.53	0.083	55.59	54.26	26.391	0	0	
"2014-07-13	02:00:00"	9.19	165.5	9.38	14.72	7.19	165	10.91	11.74	75.11	75	0.113	58.1	56.91	26.398	0	0	
"2014-07-13	03:00:00"	7.472	161.6	10.07	12.93	5.933	160	10.95	11.74	73.51	73.39	0.117	60.78	59.68	26.402	0	0	
"2014-07-13	04:00:00"	5.065	112.6	28.67	8.16	3.397	90.9	39.83	5.771	71.4	70.25	1.149	64.63	65.72	26.408	0	0	
"2014-07-13	05:00:00"	6.314	83.3	4.78	8.16	3.942	70.58	10.06	5.771	70.13	68.47	1.66	66.03	68.59	26.404	0	0	
"2014-07-13	06:00:00"	7.885	99.7	12.79	9.35	4.626	92.5	14.18	6.368	67.33	66	1.33	71.95	73.62	26.396	0	0	
"2014-07-13	07:00:00"	8.6	110.3	7.202	11.74	5.574	105.7	11.59	8.75	67.57	66.68	0.889	73.52	74.15	26.392	1.0345	0	
"2014-07-13	08:00:00"	7.12	73.18	10.96	9.35	5.027	70.94	11.92	7.561	65.6	65.43	0.171	77.28	76.9	26.408	64.473	0	
"2014-07-13	09:00:00"	8.12	116.2	26.38	15.31	6.507	116.7	28.47	13.52	70.44	70.88	-0.443	69.38	67.68	26.422	244.66	0	
"2014-07-13	10:00:00"	10.7	160.4	16.04	16.51	8.61	159.7	16.96	14.12	74.37	75.29	-0.921	61.52	58.89	26.424	449.07	0	
"2014-07-13	11:00:00"	9.96	168.1	15.49	15.31	8.23	168.5	17.55	13.52	77.36	78.71	-1.345	54.71	51.46	26.42	642.92	0	
"2014-07-13	12:00:00"	9.31	148.7	20.23	16.51	7.648	149.7	20.59	14.12	80.6	82.2	-1.626	46.64	43.16	26.418	804.81	0	
"2014-07-13	13:00:00"	8.75	141.3	22.46	15.91	7.368	143.1	24.8	13.52	83.1	84.9	-1.796	40.73	37.49	26.411	914.49	0	
"2014-07-13	14:00:00"	10.92	158.1	23	20.09	9.04	159.7	25.61	17.7	85.5	87.5	-1.957	36.76	33.68	26.394	963.52	0	
"2014-07-13	15:00:00"	10.4	143	26.54	18.3	8.64	144.7	26.56	16.51	87.4	89.5	-2.086	34.44	31.34	26.378	937.54	0	
"2014-07-13	16:00:00"	11.39	145.7	24.38	21.87	9.29	145.6	26.06	18.3	88.7	90.8	-2.06	31.83	28.79	26.362	855.41	0	
"2014-07-13	17:00:00"	11.58	151.3	21.49	22.47	9.46	152.4	21.77	20.09	89.6	91.3	-1.652	30.34	27.62	26.339	687.41	0	
"2014-07-13	18:00:00"	12.96	146.2	20.82	22.47	10.54	146	21.02	21.28	90.4	92.1	-1.682	29.83	27.12	26.32	598.41	0	
"2014-07-13	19:00:00"	11.25	167.6	17.6	19.49	9.12	168.4	19.93	17.1	90.3	91.5	-1.187	30.11	27.74	26.312	388.34	0	
"2014-07-13	20:00:00"	12.19	153.7	19.03	18.89	9.77	154.3	19.56	15.91	90.1	90.9	-0.812	31.3	29.15	26.311	256.05	0	
"2014-07-13	21:00:00"	11.62	148.8	10.48	17.7	9.31	149.5	10.85	14.72	88.3	88.5	-0.212	33.7	31.94	26.316	57.059	0	
"2014-07-13	22:00:00"	9.05	153.4	10.09	12.93	7.181	152.4	10.05	11.14	84.9	84.8	0.153	36.74	35.36	26.323	0.27816	0	
"2014-07-13	23:00:00"	7.756	153.1	10.16	11.14	5.859	151.5	10.27	9.35	82.2	81.8	0.359	40.35	39.18	26.34	0	0	
"2014-07-14	00:00:00"	6.561	168.3	13.12	11.14	4.839	167.6	15.02	9.35	80.6	80.1	0.493	43.32	42.41	26.36	0	0	
"2014-07-14	01:00:00"	8.03	173.2	7.738	13.52	6.045	170.9	9.72	11.14	79.43	78.93	0.495	45.43	44.56	26.378	0	0	
"2014-07-14	02:00:00"	10.14	167.2	8.17	14.12	7.893	166.8	9.94	11.74	77.11	76.77	0.34	50.3	49.29	26.376	0	0	
"2014-07-14	03:00:00"	9.73	172.4	7.453	13.52	7.402	170.9	9.29	11.14	75.13	74.82	0.311	54.19	53.26	26.375	0	0	
"2014-07-14	04:00:00"	8.42	184.4	8.49	12.93	6.319	185.8	12.28	11.14	73.99	73.7	0.282	55.98	55.02	26.369	0	0	
"2014-07-14	05:00:00"	9.18	176.2	8.6	12.93	6.86	174.7	12.19	9.95	72.85	72.45	0.401	57.98	57.31	26.359	0	0	
"2014-07-14	06:00:00"	10.05	171.2	8.45	14.72	7.53	169.3	9.84	11.74	72.51	72.06	0.45	58.85	58.28	26.359	0	0	
"2014-07-14	07:00:00"	6.772	206.1	29.01	12.93	5.122	210.6	33.22	9.95	71.54	71.15	0.384	61.27	60.6	26.367	0.66929	0	
"2014-07-14	08:00:00"	3.935	241	42.8	6.964	2.451	255.4	50.96	5.175	71.41	70.51	0.903	62.64	63.56	26.378	54.175	0	
"2014-07-14	09:00:00"	3.403	279.7	39.85	5.771	2.79	283.9	39.95	5.771	73.54	73.88	-0.331	60.68	59.21	26.385	225.52	0	
"2014-07-14	10:00:00"	3.746	157.2	58.38	10.54	3.089	157.5	56.54	9.35	76.52	77.02	-0.495	54.32	52.37	26.394	421.76	0	
"2014-07-14	11:00:00"	5.683	175.9	23.51	10.54	4.818	177.5	28.09	9.95	79.85	80.8	-0.971	46.49	43.9	26.39	639.6	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-14	12:00:00"	4.199	160.9	69.26	8.16	3.756	159.8	72.37	7.561	82.8	83.9	-1.048	39.93	37.58	26.383	805.03	0	
"2014-07-14	13:00:00"	4.748	123.4	55.88	11.74	4.175	123.8	56.87	9.95	86.4	87.8	-1.306	34.2	31.8	26.37	915.68	0	
"2014-07-14	14:00:00"	8.93	121.2	38.77	20.09	7.532	122.9	42.52	17.1	89.4	91.3	-1.885	29.41	26.63	26.351	975.99	0	
"2014-07-14	15:00:00"	9.15	106.1	34.86	19.49	7.686	108.3	38.76	17.1	90.6	92.6	-2.078	28.06	25.17	26.328	960.93	0	
"2014-07-14	16:00:00"	9.42	114.4	36.58	19.49	7.872	117.6	41.6	16.51	91.3	93	-1.699	26.85	24.2	26.304	748.31	0	
"2014-07-14	17:00:00"	8.47	122.1	34.39	24.26	7.107	124.2	36.19	17.1	91.8	93.2	-1.448	26.14	23.69	26.292	607.89	0	
"2014-07-14	18:00:00"	8.71	129.4	32.34	15.91	7.321	130.9	35.05	13.52	92.5	94	-1.429	24.71	22.27	26.283	607.29	0	
"2014-07-14	19:00:00"	9.55	71.38	44.52	20.09	7.827	72.87	47.34	18.3	91.2	92.3	-1.049	27.26	24.98	26.279	340.95	0	
"2014-07-14	20:00:00"	13.27	43.5	13.75	20.09	10.94	46.39	16.14	19.49	89.1	89.9	-0.739	31.79	29.65	26.269	225.39	0	
"2014-07-14	21:00:00"	7.958	53.45	11.74	12.93	6.233	55.48	13.66	11.74	87.7	87.8	-0.066	32.59	31.14	26.278	45.759	0	
"2014-07-14	22:00:00"	7.489	60.56	8.19	10.54	5.111	63	10.62	8.16	85.1	84.7	0.396	34.33	33.37	26.296	0.18641	0	
"2014-07-14	23:00:00"	7.321	62.54	6.783	10.54	4.606	65.3	9.89	7.561	82.6	82	0.633	36.5	36.02	26.317	0	0	
"2014-07-15	00:00:00"	16.32	79.56	15.43	27.84	12.64	81.7	16.23	23.07	81.4	81.4	0.013	41.05	39.37	26.344	0	0	
"2014-07-15	01:00:00"	23.37	41.55	24.71	40.36	18.45	44.14	25.91	35	75.62	75.93	-0.305	56.71	54.6	26.391	0	0	
"2014-07-15	02:00:00"	23.42	24.79	6.617	34.4	18.44	27.32	11.44	28.43	70.04	70.42	-0.371	67.98	65.92	26.411	0	0	
"2014-07-15	03:00:00"	19.11	33.14	7.613	30.82	15.44	36.52	10.34	26.05	69.65	69.87	-0.219	67.43	65.67	26.413	0	0	
"2014-07-15	04:00:00"	14.98	35.99	7.42	21.87	12.14	38.89	9.74	18.89	70.02	70.24	-0.218	68.78	67.05	26.412	0	0	
"2014-07-15	05:00:00"	11.68	39.34	8.54	18.3	9.46	41.96	10.01	16.51	70.5	70.65	-0.152	67.23	65.7	26.406	0	0	
"2014-07-15	06:00:00"	10.52	33.75	8.99	15.91	8.53	36.36	11.42	13.52	70.5	70.65	-0.149	67.43	65.89	26.412	0	0	
"2014-07-15	07:00:00"	11.14	50.51	13.43	21.87	8.73	53.93	15.6	16.51	68.49	68.41	0.079	76.77	77.43	26.418	0.3127	0.04	
"2014-07-15	08:00:00"	14.2	59.22	11.92	21.28	11.04	63.24	14.05	18.89	65.78	65.77	0.007	85.6	85.9	26.419	1.5512	0.15	
"2014-07-15	09:00:00"	9.94	48.6	25.2	18.3	7.629	51.17	28.57	14.12	65.7	65.78	-0.086	87.2	87.5	26.439	5.4159	0.14	
"2014-07-15	10:00:00"	9.6	75.86	19.37	14.72	7.575	78.75	20.04	11.74	65.48	65.66	-0.178	87.9	88.2	26.443	27.094	0.05	
"2014-07-15	11:00:00"	8.5	75.45	14.06	13.52	6.871	78.65	14.83	10.54	66.61	67.09	-0.482	85.6	85.9	26.43	294.44	0	
"2014-07-15	12:00:00"	5.443	36.97	25.16	10.54	4.683	38.87	28.88	9.95	70.14	71.07	-0.93	77.86	77.34	26.428	397.47	0	
"2014-07-15	13:00:00"	5.802	41.38	19.15	8.75	5.035	44.58	22.46	8.16	72.1	73.3	-1.197	73.07	72.25	26.416	541.53	0	
"2014-07-15	14:00:00"	6.003	54.35	18.15	9.35	5.072	55.86	21.24	8.16	74.6	75.79	-1.189	66.49	66.05	26.406	618.46	0	
"2014-07-15	15:00:00"	6.735	104.2	31.9	17.1	5.682	108.6	34.24	15.91	77.82	78.92	-1.099	58.04	57.49	26.387	996.57	0	
"2014-07-15	16:00:00"	6.327	105.7	36.67	11.74	5.393	109.3	39.44	10.54	79.97	81.1	-1.16	52.45	51.17	26.362	958.68	0	
"2014-07-15	17:00:00"	5.103	88.5	35.06	11.74	4.379	89.6	41.16	9.95	80.9	82.1	-1.198	49.85	48.04	26.334	774.03	0	
"2014-07-15	18:00:00"	7.143	107	22.56	12.33	5.937	108.8	24.74	10.54	81.7	82.6	-0.898	49.9	48.35	26.313	418.25	0	
"2014-07-15	19:00:00"	9.65	102	13.91	14.12	8.01	104.5	16.04	11.74	82.3	83.1	-0.85	49.66	47.92	26.29	413.31	0	
"2014-07-15	20:00:00"	9.94	107.7	10.31	14.12	8.08	109.1	12.36	11.74	82.4	82.9	-0.494	46.96	45.83	26.281	236.64	0	
"2014-07-15	21:00:00"	13.99	104.7	8.97	21.87	11.03	106.8	11.4	17.7	80.6	80.6	-0.044	52.42	51.5	26.287	48.456	0	
"2014-07-15	22:00:00"	12.67	113.8	7.502	22.47	9.76	116.7	10.43	17.7	78.44	78.32	0.127	56.81	56.35	26.309	0.20204	0	
"2014-07-15	23:00:00"	17.56	123.8	7.974	24.86	13.18	126.2	10.7	20.09	76	75.97	0.029	61.79	61.01	26.341	0	0	
"2014-07-16	00:00:00"	13.53	120.7	7.75	20.68	10.31	123.1	10.75	18.3	73.79	73.68	0.107	68.7	68.26	26.336	0	0	
"2014-07-16	01:00:00"	13.48	137.6	12.21	20.68	10.42	138.8	12.37	16.51	72.73	72.68	0.049	70.63	70.17	26.324	0	0	
"2014-07-16	02:00:00"	11.08	137.4	10	17.1	8.72	138.5	10.71	14.72	71.45	71.5	-0.05	73.49	72.9	26.324	0	0	
"2014-07-16	03:00:00"	5.554	147.6	19.12	9.95	4.384	148.5	19.6	8.16	70.75	70.79	-0.046	76.52	76.13	26.33	0	0	
"2014-07-16	04:00:00"	4.707	144.3	16.66	6.964	3.665	144	16.83	5.175	70.3	70.33	-0.033	77.96	77.89	26.32	0	0	
"2014-07-16	05:00:00"	5.054	175.4	80.2	13.52	3.737	174.3	91.8	9.95	69.49	69.36	0.123	81.2	81.6	26.314	0	0	
"2014-07-16	06:00:00"	4.447	199.2	25.03	7.561	3.476	197.2	28.46	5.771	70.15	70.03	0.126	77.08	77.25	26.306	0	0	
"2014-07-16	07:00:00"	6.307	182	12.12	9.95	4.928	181.3	14.09	8.75	69.45	69.41	0.043	78.13	78.18	26.305	0.28835	0	
"2014-07-16	08:00:00"	6.053	190.1	12.04	9.95	4.674	193.3	15.6	8.16	68.88	68.85	0.023	79.6	79.54	26.309	25.621	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-16	09:00:00"	4.292	201.9	16.22	8.16	3.531	204.6	19.68	6.964	69.55	69.68	-0.133	78.21	77.7	26.314	93.744	0	
"2014-07-16	10:00:00"	6.132	193.4	16.98	9.35	4.992	194.6	19.94	8.75	70.71	71.11	-0.403	75.05	74.06	26.306	237.84	0	
"2014-07-16	11:00:00"	4.019	206.4	33.99	7.561	3.571	210.3	42.94	7.561	72.84	73.39	-0.543	69.36	67.94	26.282	461.51	0	
"2014-07-16	12:00:00"	6.413	181.7	26.59	11.14	5.43	180.8	30.34	9.95	75.51	76.53	-1.021	60.94	58.82	26.271	748.53	0	
"2014-07-16	13:00:00"	5.501	167.9	55.49	13.52	4.783	170.6	57.69	11.14	78.81	80	-1.196	52.35	49.83	26.26	924.31	0	
"2014-07-16	14:00:00"	6.703	201.5	40.21	14.12	5.617	204.6	43.91	12.93	80.9	82.4	-1.469	48.47	45.6	26.249	911.7	0	
"2014-07-16	15:00:00"	5.308	183.9	60.76	14.12	4.504	185.6	64.38	12.33	83.2	84.4	-1.262	41.75	39.24	26.233	894.44	0	
"2014-07-16	16:00:00"	8.83	171	33.97	17.1	7.372	174.2	35.71	14.72	85.2	86.9	-1.638	36.05	33.6	26.205	930.28	0	
"2014-07-16	17:00:00"	8.56	187.3	28.84	18.89	7.101	189	32.27	17.7	86.8	88.3	-1.414	35.22	32.92	26.171	753.99	0	
"2014-07-16	18:00:00"	6.72	198.1	51.22	14.12	5.564	193.6	55.31	11.74	87.8	88.7	-0.858	33.89	32.04	26.145	375.07	0	
"2014-07-16	19:00:00"	8.53	194.9	21.46	14.12	6.838	196.4	24.67	11.14	88.2	88.8	-0.625	33.78	32.15	26.133	232.48	0	
"2014-07-16	20:00:00"	6.702	173.5	17.73	11.74	5.419	173.6	19.28	9.95	87.8	88.2	-0.32	35.29	33.93	26.126	109.51	0	
"2014-07-16	21:00:00"	7.392	145.3	10.9	20.09	5.796	146	11.22	15.91	87.2	87.2	-0.054	36.72	35.66	26.132	45.542	0	
"2014-07-16	22:00:00"	16.87	175.9	9.16	27.24	13.06	175.5	12.11	21.87	81.7	81.8	-0.183	50.26	48.64	26.141	0.09397	0	
"2014-07-16	23:00:00"	12.81	176.2	7.66	20.68	9.93	176.5	10.25	17.1	78.73	78.74	-0.009	57.28	56.06	26.156	0	0	
"2014-07-17	00:00:00"	10.05	171.4	7.627	14.12	7.755	171.1	9.84	11.74	76.92	76.92	0	60.53	59.5	26.18	0	0	
"2014-07-17	01:00:00"	8.62	170.1	8.4	12.93	6.621	169.5	10.32	9.95	76.11	76.04	0.07	63.68	62.84	26.184	0	0	
"2014-07-17	02:00:00"	7.072	150.9	8.41	10.54	5.625	150.1	9.11	8.75	74.97	74.98	-0.01	66.96	66.04	26.173	0	0	
"2014-07-17	03:00:00"	7.752	153.6	9.99	11.74	6.217	153.2	10.27	9.95	74.35	74.34	0.01	69.18	68.28	26.16	0	0	
"2014-07-17	04:00:00"	8.77	150	11.34	13.52	7.023	150.2	11.35	11.14	73.39	73.46	-0.07	73.21	72.18	26.162	0	0	
"2014-07-17	05:00:00"	10.81	174.3	7.847	18.3	8.31	173.9	10.74	14.72	73.17	73.16	0.006	68.79	67.95	26.157	0	0	
"2014-07-17	06:00:00"	9.33	166.6	9.44	14.72	7.33	166.3	10.99	13.52	72.13	72.09	0.039	68.89	68.08	26.15	0	0	
"2014-07-17	07:00:00"	6.463	145.8	14.27	11.14	5.158	144.2	14.44	9.35	71.1	71.16	-0.059	72.7	71.81	26.156	0.09918	0	
"2014-07-17	08:00:00"	4.644	68.36	63.37	11.14	3.578	69.17	61.88	9.35	70.42	70.4	0.023	76.74	76.81	26.174	9.1518	0.1	
"2014-07-17	09:00:00"	9.27	53.31	12	13.52	7.34	56.29	13.85	11.74	69.14	69.15	-0.015	85.5	86.2	26.194	39.816	0	
"2014-07-17	10:00:00"	10.12	67.83	11.57	14.72	7.971	71.01	13.41	12.33	68.89	69.2	-0.313	85.7	85.7	26.213	184.09	0	
"2014-07-17	11:00:00"	11.97	77.72	13.1	16.51	9.41	80.7	14.57	13.52	69.34	69.82	-0.476	85.1	84.6	26.22	231.36	0	
"2014-07-17	12:00:00"	8.79	74.1	21.47	12.93	7.215	76.2	22.85	11.74	71.81	72.7	-0.888	78.45	77.7	26.227	410.6	0	
"2014-07-17	13:00:00"	8.45	42.29	15.53	14.72	6.987	44.41	17.86	12.33	73.04	73.76	-0.726	75.15	74.5	26.234	209.8	0	
"2014-07-17	14:00:00"	9.67	67.88	11.06	15.91	7.848	71.31	13.35	14.12	73.02	73.76	-0.744	76.04	75.05	26.227	357.59	0	
"2014-07-17	15:00:00"	11.18	44.52	14	18.3	9.37	47.37	15.91	16.51	75.83	77.19	-1.362	68.14	66.23	26.223	628.67	0	
"2014-07-17	16:00:00"	14.03	57.25	12.87	20.68	11.55	60.31	14.87	18.3	77.29	79.18	-1.886	64.05	60.75	26.218	884.88	0	
"2014-07-17	17:00:00"	12.06	68.33	16.18	19.49	9.83	72	17.69	15.91	78.19	79.95	-1.754	61.18	57.77	26.209	782.92	0	
"2014-07-17	18:00:00"	11.79	67.68	15.8	24.86	9.61	71.02	17.83	19.49	79.31	80.8	-1.524	57.76	54.56	26.202	597.87	0	
"2014-07-17	19:00:00"	15.64	78.94	10.04	23.07	12.41	82.2	11.3	19.49	78.11	79.03	-0.922	60.12	57.62	26.204	371.33	0	
"2014-07-17	20:00:00"	13.86	75.41	8.9	23.07	10.9	78.18	10.43	19.49	76.34	76.67	-0.329	63.19	61.56	26.217	79.356	0	
"2014-07-17	21:00:00"	16.25	75.97	8.25	23.66	12.52	78.91	10.11	19.49	72.89	73.08	-0.187	69.6	68.23	26.236	27.076	0	
"2014-07-17	22:00:00"	13.55	72.3	8.61	22.47	10.39	75.87	10.68	18.89	71.02	71.08	-0.053	72.74	71.74	26.258	0.10462	0	
"2014-07-17	23:00:00"	10.93	79.79	7.484	16.51	8.43	81.7	9.18	14.12	69.72	69.72	-0.001	75.2	74.45	26.282	0	0	
"2014-07-18	00:00:00"	8.26	73.92	10.28	15.31	6.169	75.97	11.27	10.54	68.69	68.64	0.055	77.88	77.46	26.316	0	0	
"2014-07-18	01:00:00"	10.57	81.2	10.02	15.31	8.09	83.2	11.22	12.93	67.91	67.9	0.012	78.37	77.8	26.315	0	0	
"2014-07-18	02:00:00"	10.31	84.8	9.12	14.72	8.09	86.1	10.48	12.33	66.9	66.98	-0.078	79.79	79.05	26.32	0	0	
"2014-07-18	03:00:00"	7.412	69.02	10.77	14.72	5.754	72.11	12.93	13.52	66.58	66.67	-0.089	80	79.3	26.307	0	0	
"2014-07-18	04:00:00"	6.904	52.32	15.32	11.14	5.468	54.62	16.74	9.35	66.06	66.11	-0.05	82	81.5	26.301	0	0	
"2014-07-18	05:00:00"	5.613	73.55	12.07	8.16	4.131	76.02	13.21	6.964	65.01	65.05	-0.039	85.6	85.2	26.301	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-18	06:00:00"	7.603	68.26	13.99	11.74	5.934	71.33	15.09	9.35	64.3	64.42	-0.119	86.2	85.5	26.316	0
"2014-07-18	07:00:00"	9.23	86.1	9.14	13.52	7.298	87.9	11	11.14	64.45	64.77	-0.317	86.1	84.9	26.334	0.29455
"2014-07-18	08:00:00"	9.76	92.7	8.14	15.31	7.721	94.7	10.03	12.93	64.21	64.49	-0.276	85.5	84.4	26.345	7.6829
"2014-07-18	09:00:00"	10.02	89.4	8.73	15.31	8	91	10.28	13.52	64.67	64.97	-0.309	83.5	82.3	26.357	41.691
"2014-07-18	10:00:00"	10.63	100.9	8.76	15.91	8.66	102.8	10.55	12.93	65.42	65.85	-0.422	79.68	78.27	26.366	101.52
"2014-07-18	11:00:00"	9.81	102.2	10.78	14.12	8.07	103.7	12.69	11.74	66.23	66.85	-0.613	78.14	76.37	26.36	183.42
"2014-07-18	12:00:00"	7.795	102.3	24.16	13.52	6.552	104.5	27.16	11.14	68.6	70.09	-1.491	73.06	69.6	26.345	563.74
"2014-07-18	13:00:00"	4.937	146.1	48.39	12.93	4.272	147.3	56.73	11.14	71.93	73	-1.068	67.52	64.88	26.332	683.35
"2014-07-18	14:00:00"	6.929	189.1	30.57	12.93	5.889	193.2	36.27	12.33	75.24	76.78	-1.547	63.09	59.69	26.316	942.97
"2014-07-18	15:00:00"	7.149	170.6	32.7	15.31	5.976	170.1	38.78	12.93	77.34	78.9	-1.566	60.81	57.23	26.301	795.99
"2014-07-18	16:00:00"	7.13	167.6	35.93	16.51	5.982	166.4	37.99	13.52	79.59	81	-1.369	56.81	53.59	26.278	703.83
"2014-07-18	17:00:00"	7.246	165.2	29.01	17.1	6.067	166.7	32.76	14.12	81.7	83.1	-1.368	52.28	49.05	26.257	687.49
"2014-07-18	18:00:00"	8.03	161.6	37.78	24.86	6.691	163	43.39	20.68	82.8	84.1	-1.345	49.9	46.73	26.24	609.27
"2014-07-18	19:00:00"	8.84	162.7	18.67	15.31	7.285	163.8	21.69	12.93	83.7	84.8	-1.124	46.47	43.63	26.228	412.45
"2014-07-18	20:00:00"	9.04	168.5	12.78	14.12	7.314	169	15.02	12.93	84.3	85	-0.708	45.94	43.63	26.224	219.12
"2014-07-18	21:00:00"	9.86	163.8	12.53	14.72	7.806	163.9	13.86	13.52	83.7	83.9	-0.179	47.67	46.01	26.239	47.757
"2014-07-18	22:00:00"	11.25	147.8	7.838	16.51	8.99	147.4	8.52	12.93	81.3	81.2	0.051	52.49	51.15	26.253	0.30262
"2014-07-18	23:00:00"	10.62	141.8	7.078	14.72	8.2	141.6	8.02	12.33	78.86	78.75	0.114	57.83	56.74	26.259	0
"2014-07-19	00:00:00"	11.37	146	8.63	15.91	8.89	146.1	9.45	13.52	76.96	76.87	0.089	63	61.98	26.264	0
"2014-07-19	01:00:00"	10.74	144.7	8.21	15.31	8.45	145.1	9.01	12.93	75.05	74.99	0.052	68.39	67.42	26.275	0
"2014-07-19	02:00:00"	10.9	139.6	7.339	17.1	8.34	140.2	8.41	13.52	73.52	73.44	0.083	71.86	71.06	26.282	0
"2014-07-19	03:00:00"	12.86	139.3	6.743	17.7	10.03	140.2	7.967	14.72	72.14	72.12	0.018	74.91	74.01	26.28	0
"2014-07-19	04:00:00"	11.26	137.3	10.19	17.7	8.65	138.5	10.56	14.72	70.64	70.64	-0.001	78.17	77.32	26.279	0
"2014-07-19	05:00:00"	9.52	109.1	11.34	14.12	7.404	110.2	12.99	11.74	68.85	68.86	-0.013	82	81.2	26.285	0
"2014-07-19	06:00:00"	10.22	115.9	13.49	18.3	7.97	118	15.23	14.72	67.81	67.88	-0.072	85.2	84.4	26.292	0
"2014-07-19	07:00:00"	10.81	145.2	7.984	17.1	8.55	146.2	9.56	15.31	68.18	68.42	-0.238	87.3	86.1	26.296	0.43623
"2014-07-19	08:00:00"	10.63	161.9	11.86	17.7	8.51	161.4	13.41	14.12	69.17	69.42	-0.254	86.6	85.3	26.302	16.593
"2014-07-19	09:00:00"	13	162.5	11.41	20.09	10.43	161.6	12.5	17.1	70.53	70.89	-0.356	84.6	83	26.302	80.409
"2014-07-19	10:00:00"	13.82	171.4	10.98	19.49	10.96	170.7	13.38	15.91	72.58	73.29	-0.712	80.2	77.92	26.313	245.88
"2014-07-19	11:00:00"	11.56	178.2	13.42	17.1	9.25	178.5	17.04	15.31	75.26	76.68	-1.419	74.3	70.75	26.314	593.79
"2014-07-19	12:00:00"	9.81	172.2	16.39	16.51	8.11	172.6	18.58	14.12	78.51	80.2	-1.655	67.13	63.29	26.308	781.27
"2014-07-19	13:00:00"	10.88	165.7	16.86	21.28	8.9	165.4	18.76	19.49	82	83.9	-1.921	59.62	55.4	26.288	892.47
"2014-07-19	14:00:00"	11.25	163.4	20.98	18.89	9.2	164.2	22.55	17.1	85.1	87.1	-2.011	52.94	48.72	26.272	942.03
"2014-07-19	15:00:00"	10.88	162.7	21.88	18.3	8.97	163.1	22.95	15.91	87.8	89.7	-1.995	46.17	42.14	26.258	911.65
"2014-07-19	16:00:00"	10.85	155.2	26.06	20.09	8.89	154.9	27.89	18.89	89.5	91.4	-1.934	42.03	38.44	26.243	882.58
"2014-07-19	17:00:00"	9.25	161.9	24.78	18.89	7.595	162.4	27.27	16.51	91.1	92.8	-1.623	38.42	35.61	26.227	785.71
"2014-07-19	18:00:00"	10.46	157.5	23.66	19.49	8.55	157.7	27.87	15.91	91.9	93.4	-1.517	37.63	34.94	26.213	583.56
"2014-07-19	19:00:00"	10.75	157.6	20.63	17.7	8.71	158.4	22.06	14.72	92.1	93.3	-1.237	36.53	34.11	26.202	414.13
"2014-07-19	20:00:00"	11.19	143.7	12.42	20.68	9.05	144.6	12.97	17.7	92.1	92.8	-0.652	36.53	34.54	26.204	210.29
"2014-07-19	21:00:00"	13.97	154	10.4	25.45	11.38	153.2	10.64	20.68	89.5	89.7	-0.191	41.29	39.41	26.219	48.31
"2014-07-19	22:00:00"	13.18	145.6	7.528	20.09	10.33	145.6	8.6	15.31	86.7	86.7	0.012	45.48	43.8	26.235	0.40738
"2014-07-19	23:00:00"	11.99	160	11.47	20.68	9.64	159.3	12.29	17.1	84.6	84.6	0.05	50.56	49.05	26.255	0
"2014-07-20	00:00:00"	13.24	161.1	10.51	24.26	10.57	159.9	11.9	20.09	82.5	82.4	0.045	55.12	53.72	26.267	0
"2014-07-20	01:00:00"	8.04	158	13.79	14.12	6.364	157.3	14.45	11.74	80.5	80.5	0.058	58.23	56.99	26.292	0
"2014-07-20	02:00:00"	8.88	157.1	16.68	15.91	6.899	155.8	17.99	12.33	79.14	79.07	0.071	59.85	58.7	26.305	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-20	03:00:00"	8.44	205.3	37.64	13.52	6.75	208.4	41.07	11.74	77.91	77.87	0.043	62.78	61.6	26.322	0
"2014-07-20	04:00:00"	8.81	251.8	19.39	19.49	6.854	256.2	22.68	13.52	77.31	77.22	0.084	63	61.99	26.308	0
"2014-07-20	05:00:00"	9.62	217.3	28.95	17.7	7.651	220.3	30.49	16.51	74.39	74.45	-0.066	66.85	65.58	26.257	0
"2014-07-20	06:00:00"	12.5	172.6	11.47	19.49	9.7	172.6	15.07	14.72	75.26	75.26	0	67.59	66.43	26.222	0
"2014-07-20	07:00:00"	11.17	176.1	8.34	18.89	8.62	176.5	11.41	15.31	74.52	74.48	0.046	70.53	69.54	26.245	0.33954
"2014-07-20	08:00:00"	6.486	121	31.6	9.95	4.932	120.2	33.87	7.561	72.77	72.71	0.057	76.05	75.28	26.271	47.091
"2014-07-20	09:00:00"	9.73	166.9	21.01	15.31	7.8	167.4	21.52	14.12	73.88	74.41	-0.531	75.25	73.35	26.291	225.62
"2014-07-20	10:00:00"	11.61	181.8	11.94	17.7	9.19	181.5	15.17	14.72	75.47	76.62	-1.152	72.99	69.91	26.304	437.38
"2014-07-20	11:00:00"	9.81	185	15.12	16.51	8.04	185.6	18.72	14.72	77.8	79.26	-1.465	68.67	65.08	26.303	620.61
"2014-07-20	12:00:00"	6.475	167.1	32.12	13.52	5.493	167.8	35.22	11.14	80.7	82	-1.3	61.76	58.47	26.298	783.67
"2014-07-20	13:00:00"	6.34	143.1	33.95	14.12	5.431	143.7	40.56	11.74	84.3	85.8	-1.507	54.3	50.75	26.287	894.09
"2014-07-20	14:00:00"	6.517	159.9	35.96	12.33	5.467	160.3	39.15	10.54	87.8	89.3	-1.492	46.02	42.54	26.275	947.9
"2014-07-20	15:00:00"	7.785	158.1	31.1	19.49	6.559	158.6	30.14	15.31	91.1	92.8	-1.739	38.7	35.75	26.255	932.25
"2014-07-20	16:00:00"	8.51	155.3	34.36	18.3	7.124	157.1	36.27	14.72	93.4	95.2	-1.83	34.52	31.63	26.235	890.95
"2014-07-20	17:00:00"	8.71	172.4	31.69	19.49	7.286	172.2	33.61	16.51	95	96.7	-1.687	31.32	28.62	26.215	790.98
"2014-07-20	18:00:00"	6.568	187.3	56.08	18.89	5.46	187.2	57.46	17.1	95.9	97.2	-1.361	28.56	26.16	26.193	628.7
"2014-07-20	19:00:00"	5.588	189.9	54.67	14.12	4.706	192	57.05	11.14	96.2	96.8	-0.642	26.88	24.88	26.188	295.78
"2014-07-20	20:00:00"	5.305	167.3	12.81	8.16	4.347	168.5	14.46	6.964	95.4	95.6	-0.163	28.79	27.2	26.191	82.209
"2014-07-20	21:00:00"	7.038	150.3	10.78	11.74	5.574	149.5	10.72	9.95	93.3	93.2	0.064	32.78	31.36	26.202	33.558
"2014-07-20	22:00:00"	10.58	155.6	9.56	15.31	8.55	154.8	9.62	14.12	91	90.8	0.136	37.21	35.8	26.219	0.12672
"2014-07-20	23:00:00"	12.43	161.8	11.54	23.66	9.84	161	12.54	18.3	88.7	88.6	0.14	42.02	40.51	26.248	0
"2014-07-21	00:00:00"	11.7	171.7	8.86	20.68	8.94	170.4	10.93	16.51	86.7	86.6	0.131	48.63	47.19	26.269	0
"2014-07-21	01:00:00"	12.77	164.2	9.58	19.49	10.08	162.7	10.74	18.3	85.1	85	0.091	50.71	49.27	26.276	0
"2014-07-21	02:00:00"	12.58	165.5	9.27	20.68	9.91	165.1	11.06	18.89	83.5	83.4	0.101	52.56	51.2	26.277	0
"2014-07-21	03:00:00"	12.05	170.8	7.429	17.1	9.35	170.2	10.11	14.12	81.8	81.6	0.137	55.15	53.93	26.279	0
"2014-07-21	04:00:00"	10.85	170.5	7.489	15.91	8.46	170.1	9.79	14.12	79.88	79.75	0.127	59.41	58.23	26.274	0
"2014-07-21	05:00:00"	10.57	177.7	13.1	17.7	8.29	179	16.17	14.72	78.34	78.26	0.082	66.11	65	26.276	0
"2014-07-21	06:00:00"	8.66	171.1	11.22	12.93	6.772	170.5	13.4	9.95	77.03	76.95	0.077	69.95	68.94	26.283	0
"2014-07-21	07:00:00"	6.584	176.6	18.77	11.14	5.218	177.2	22.34	9.95	75.77	75.69	0.081	73.46	72.52	26.294	0.63721
"2014-07-21	08:00:00"	6.501	162.5	11.88	9.95	5.112	161.9	13.24	8.16	75.08	75.07	0.008	75.6	74.64	26.304	41.24
"2014-07-21	09:00:00"	10.26	161.5	11.9	16.51	8.33	161	13.22	14.72	76.63	77.01	-0.383	73.53	71.82	26.315	204.54
"2014-07-21	10:00:00"	11.75	165.4	12.18	17.1	9.48	164.7	13.81	14.72	79.21	80.2	-0.969	68.32	65.53	26.325	419.35
"2014-07-21	11:00:00"	10.91	156.6	16.2	15.91	8.97	156.8	16.54	13.52	82	83.3	-1.37	62.62	59.18	26.332	610.79
"2014-07-21	12:00:00"	10.3	164.7	16.88	17.7	8.42	164.5	19	14.72	84.7	86.4	-1.688	56.96	53.09	26.328	773.31
"2014-07-21	13:00:00"	11.56	163.3	16.08	20.68	9.51	163.5	18.29	20.09	88.6	90.5	-1.971	48.17	44.04	26.319	885.19
"2014-07-21	14:00:00"	11.73	158.6	20.42	20.09	9.57	160	20.87	17.1	92.2	94.3	-2.081	39.25	35.87	26.306	938.92
"2014-07-21	15:00:00"	10.72	149.2	33.34	21.87	8.84	150	34.71	18.3	94.3	96.4	-2.054	34.09	30.96	26.288	877.87
"2014-07-21	16:00:00"	10.43	158.6	28.59	23.07	8.7	159.6	33.02	18.89	95.6	97.5	-1.881	30.48	27.6	26.27	921.64
"2014-07-21	17:00:00"	11.84	136	24.08	19.49	9.68	137.7	25.8	17.1	96.2	98	-1.826	29.62	26.77	26.253	684.22
"2014-07-21	18:00:00"	12.28	133.9	23.64	24.86	9.91	136	24.35	21.87	96.4	97.8	-1.347	28.79	26.29	26.252	522.84
"2014-07-21	19:00:00"	11.44	114.5	13.74	20.09	9.29	116.7	15.86	17.7	96.2	97.2	-1.051	28.3	26	26.251	371.72
"2014-07-21	20:00:00"	11.9	129.9	18.68	18.3	9.31	132	19.28	16.51	95.2	95.7	-0.51	28.96	26.99	26.255	132.22
"2014-07-21	21:00:00"	11.17	134.9	7.367	17.1	8.53	136.6	8.64	14.72	93.2	93.2	0.075	30.54	28.97	26.26	17.494
"2014-07-21	22:00:00"	12.75	133.1	7.009	18.89	9.67	135.1	8.48	15.31	91.1	90.8	0.227	32.27	30.84	26.273	0.09004
"2014-07-21	23:00:00"	13.01	134	6.943	17.7	10.07	135.2	8.49	15.31	89.1	88.9	0.221	34.62	33.24	26.291	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-22	00:00:00"	9.84	148.1	10.73	15.31	7.779	148.1	10.85	12.93	87.2	87	0.186	36.71	35.37	26.327	0
"2014-07-22	01:00:00"	8.91	156.9	10.08	14.12	7.057	155.5	10.35	12.33	84.7	84.5	0.197	42.62	41.14	26.339	0
"2014-07-22	02:00:00"	10.48	174.3	9.79	17.7	8.1	172.7	11.74	14.12	82.7	82.5	0.22	49.81	48.47	26.335	0
"2014-07-22	03:00:00"	10	175.1	8.81	15.91	7.766	174.2	11	12.93	80.8	80.7	0.135	55.8	54.51	26.333	0
"2014-07-22	04:00:00"	9.09	167.9	9.72	12.93	7.181	167.3	11.57	11.74	78.69	78.61	0.077	61.03	59.74	26.334	0
"2014-07-22	05:00:00"	6.923	165.5	11.34	12.33	5.285	164	13.45	9.95	76.91	76.81	0.099	68.42	67.26	26.339	0
"2014-07-22	06:00:00"	6.192	142.7	79.05	17.1	4.74	139.3	80.6	14.72	75.86	75.63	0.229	73.59	72.7	26.365	0
"2014-07-22	07:00:00"	6.504	10.82	12.06	9.35	4.608	10.66	14.48	7.561	74.95	74.25	0.701	76.24	76.48	26.389	0.14698
"2014-07-22	08:00:00"	5.935	63.75	17.79	9.35	4.216	69.65	20.83	6.964	73.63	73.44	0.196	76.54	76.25	26.384	11.822
"2014-07-22	09:00:00"	7.392	121.4	15.86	12.93	5.722	125.1	16.76	9.95	75.2	75.51	-0.314	67.82	66.62	26.37	179.77
"2014-07-22	10:00:00"	12.63	156.3	12.53	19.49	10.33	155.9	13.6	17.1	79.18	80.1	-0.937	67.71	64.91	26.37	417.48
"2014-07-22	11:00:00"	10.82	168.3	12.57	15.31	8.77	167.4	14.62	14.12	81.1	82.2	-1.146	63.69	60.54	26.384	417.62
"2014-07-22	12:00:00"	8.17	153.2	20.28	13.52	6.634	153.4	21.03	12.33	83.3	84.1	-0.816	56.7	54.15	26.4	316.24
"2014-07-22	13:00:00"	9.34	150.5	21.09	15.31	7.723	150.9	21.68	13.52	86	87.2	-1.181	48.33	45.33	26.4	614.08
"2014-07-22	14:00:00"	10.23	127.4	24.43	19.49	8.48	128.8	25.49	17.1	89.4	91.2	-1.804	36.52	33.51	26.391	925.56
"2014-07-22	15:00:00"	10.77	106.3	26.85	20.68	8.96	108.6	27.42	17.1	91.3	93.3	-1.966	32.67	29.63	26.373	892.81
"2014-07-22	16:00:00"	10.38	150.8	24.39	20.68	8.45	151.8	26.53	15.31	92.5	94.5	-2.007	31.31	28.33	26.354	881.54
"2014-07-22	17:00:00"	10.94	110.1	24.58	24.26	8.89	112.2	27.61	23.07	93	94.3	-1.345	28.95	26.41	26.346	402.05
"2014-07-22	18:00:00"	10.37	99.3	16.02	17.7	8.27	101.6	17.97	15.91	92.6	93.3	-0.727	27.65	25.66	26.34	237.57
"2014-07-22	19:00:00"	11.92	90	14.8	22.47	9.44	92	15.77	17.1	92.5	92.9	-0.49	26.81	24.9	26.338	162.07
"2014-07-22	20:00:00"	12.49	106.3	17.64	22.47	9.71	107.8	19.32	18.3	91	91.2	-0.212	30.19	28.41	26.343	103.14
"2014-07-22	21:00:00"	13.15	114.2	9.6	20.09	10.17	116.4	12.24	17.1	89.1	89.2	-0.1	35.88	34.2	26.348	50.109
"2014-07-22	22:00:00"	8.35	96.7	10.07	14.72	5.688	94.8	13.11	11.74	85.5	84.7	0.762	38.33	37.7	26.379	0.08573
"2014-07-22	23:00:00"	7.711	80.3	4.395	9.35	4.368	75.24	8.43	6.368	81.4	79.3	2.087	42.31	44.57	26.406	0
"2014-07-23	00:00:00"	7.718	76.06	9.36	9.95	4.464	71.36	10.04	6.368	79.73	77.83	1.895	43.26	45.56	26.418	0
"2014-07-23	01:00:00"	7.423	65.57	6.475	9.95	4.552	72.16	9.36	6.964	77.31	76.34	0.977	50.51	50.69	26.422	0
"2014-07-23	02:00:00"	7.76	94.5	9.52	11.74	4.741	86.5	8.46	8.16	75.98	74.62	1.357	54.01	55.38	26.424	0
"2014-07-23	03:00:00"	7.672	129.4	9.76	10.54	4.996	126.9	13.97	8.16	77.62	76.52	1.103	52.91	53.34	26.426	0
"2014-07-23	04:00:00"	7.565	123.8	10.83	9.95	5.054	122.1	13.78	7.561	77.22	76.51	0.711	55.58	55.37	26.423	0
"2014-07-23	05:00:00"	6.654	90.2	21.64	8.16	3.9	80.5	20.34	5.175	75.16	73.7	1.46	59.44	61.03	26.423	0
"2014-07-23	06:00:00"	6.618	66.66	6.302	9.35	4.111	61.23	8.48	6.368	73.13	72.06	1.069	64.48	65.46	26.43	0
"2014-07-23	07:00:00"	6.179	60.45	8.06	8.16	3.942	49.53	13.89	5.175	72.03	70.39	1.642	67.35	69.43	26.437	0.88819
"2014-07-23	08:00:00"	6.625	70.45	5.579	8.16	4.219	68.14	8.85	6.368	70.91	70.23	0.677	70.34	70.79	26.444	52.029
"2014-07-23	09:00:00"	6.169	93.7	10.58	9.95	5.147	93.7	12.55	8.75	74.16	74.5	-0.346	66.33	64.81	26.462	217.24
"2014-07-23	10:00:00"	5.827	150.9	25.74	9.95	4.862	150.9	25.82	8.75	79.28	80	-0.718	55.74	53.49	26.474	420.63
"2014-07-23	11:00:00"	5.139	178.2	35.8	9.95	4.367	177.4	43.18	8.16	81.6	82.5	-0.945	50.28	47.6	26.476	627.11
"2014-07-23	12:00:00"	5.123	106.9	65.82	17.1	4.348	106.5	67.38	14.12	84.5	85.5	-1.008	43.2	40.58	26.468	774.95
"2014-07-23	13:00:00"	8.64	96.7	28.01	20.09	7.193	99.2	31.59	17.7	87.7	89.5	-1.801	34.62	31.75	26.457	899.84
"2014-07-23	14:00:00"	9.33	95.9	31.19	23.66	7.76	97.6	32.22	20.68	89.5	91.5	-2.021	30.9	27.92	26.446	938.99
"2014-07-23	15:00:00"	9.27	84.6	27.71	18.3	7.733	87.6	29.29	15.31	91.4	93.3	-1.891	27.39	24.58	26.431	852.46
"2014-07-23	16:00:00"	9.83	89.7	37.06	18.89	8.22	92.3	38.79	15.91	92.4	94.3	-1.971	26.11	23.27	26.412	897.39
"2014-07-23	17:00:00"	11.07	98.2	30.53	22.47	9.1	99.8	33.52	18.3	93.3	95.1	-1.778	25.53	22.78	26.391	661.25
"2014-07-23	18:00:00"	11.12	97.3	20.84	20.09	9.13	99.6	23.32	16.51	93.4	94.9	-1.441	25.54	23.01	26.373	559.79
"2014-07-23	19:00:00"	11.13	96.3	16.33	21.87	9.04	98.3	18.23	17.7	93.2	94.2	-1.045	26.97	24.67	26.357	374.98
"2014-07-23	20:00:00"	12.13	98.4	13.54	19.49	9.63	99.8	15.58	15.91	92.6	93	-0.485	26.98	25.02	26.35	180.28

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-07-23	21:00:00"	10.07	88	8.15	18.3	7.599	89.2	9.67	14.12	90.3	90.1	0.182	29.16	27.69	26.356	40.808	0
"2014-07-23	22:00:00"	7.956	88.4	5.727	11.74	4.879	86.6	8.05	8.16	86.3	84.9	1.328	32.33	32.22	26.376	0.11791	0
"2014-07-23	23:00:00"	8.5	101.7	8.5	10.54	4.778	96.1	9.5	6.964	83.7	81.5	2.193	34.17	35.15	26.397	0	0
"2014-07-24	01:00:00"	9.03	104.2	9.62	15.31	5.812	97.8	14.63	11.74	82	80.2	1.795	37.74	38.35	26.414	0	0
"2014-07-24	02:00:00"	8.38	109	7.906	11.74	4.92	99.9	13.33	8.16	79.39	77.26	2.135	41.08	42.71	26.413	0	0
"2014-07-24	03:00:00"	7.283	106.8	13.42	9.95	4.546	95.4	23.13	6.964	77.25	75.83	1.417	45.94	46.47	26.411	0	0
"2014-07-24	04:00:00"	6.808	86.4	5.772	8.16	4.072	70.75	8.47	5.771	75.63	73.41	2.219	49.75	51.98	26.405	0	0
"2014-07-24	05:00:00"	6.546	98.3	6.751	8.16	4.076	73.9	7.188	5.175	75.49	72.68	2.814	51.24	54.17	26.398	0	0
"2014-07-24	06:00:00"	7.008	85	7	8.16	4.227	69.93	8.24	5.771	74.02	71.38	2.637	54.72	57.56	26.405	0	0
"2014-07-24	07:00:00"	6.193	89.8	7.37	7.561	3.51	66.42	11.55	5.175	73.45	70.95	2.5	57.09	59.43	26.407	0.36773	0
"2014-07-24	08:00:00"	5.526	87	9.22	7.561	3.174	52.81	22.09	4.578	73	70.25	2.748	59.63	62.85	26.405	44.615	0
"2014-07-24	09:00:00"	4.013	126.9	32.45	7.561	2.918	118.4	42.2	6.368	74.72	74.82	-0.107	60.86	59.74	26.411	212.45	0
"2014-07-24	10:00:00"	6.629	181.5	14.04	9.95	5.509	181.7	16.38	8.75	79.5	80.3	-0.791	54.27	51.88	26.413	417.39	0
"2014-07-24	11:00:00"	5.076	197	26.56	8.16	4.429	198.7	32.34	7.561	82.3	83.2	-0.94	48.94	46.29	26.409	616.83	0
"2014-07-24	12:00:00"	4.697	166.4	41.17	9.95	4.097	166.3	45.23	9.35	85.2	86.3	-1.07	40.97	38.38	26.405	783.21	0
"2014-07-24	13:00:00"	6.063	145.5	53.98	14.12	5.183	144.3	58.78	12.33	88	89.4	-1.447	34.84	32.21	26.39	896.12	0
"2014-07-24	14:00:00"	6.559	134.4	53.33	15.91	5.607	139.6	59.4	13.52	90.4	92.1	-1.628	30.26	27.56	26.369	951.7	0
"2014-07-24	15:00:00"	6.037	106.7	55.51	15.31	5.171	111.4	56.11	12.93	92.2	93.9	-1.637	26	23.36	26.347	786.74	0
"2014-07-24	16:00:00"	7.889	91.1	37.99	21.28	6.592	94.1	40.83	17.7	93.4	94.9	-1.432	23.04	20.59	26.328	560.67	0
"2014-07-24	17:00:00"	8.06	98.4	43.27	19.49	6.822	100.9	45.84	15.91	94.3	95.8	-1.485	22.26	19.77	26.313	712.07	0
"2014-07-24	18:00:00"	8.33	100.1	27.51	15.91	6.913	102.8	29.81	14.72	94.2	95.5	-1.34	21.98	19.64	26.301	529.2	0
"2014-07-24	19:00:00"	8.31	107	24.08	15.91	6.943	108.2	24.92	14.72	94.3	95.3	-1.027	21.73	19.51	26.285	396.07	0
"2014-07-24	20:00:00"	8.39	89.9	12.81	14.72	6.723	91.5	13.6	11.74	93.6	94	-0.368	21.46	19.7	26.276	181.94	0
"2014-07-24	21:00:00"	7.741	102.4	11.77	11.14	5.453	102.7	13.89	8.75	91.2	90.8	0.439	24.81	23.5	26.28	39.736	0
"2014-07-24	22:00:00"	8.5	111.8	5.829	11.14	5.515	109.7	9.29	7.561	87.9	86.7	1.204	28.33	27.7	26.295	0.23266	0
"2014-07-24	23:00:00"	12.24	127.5	10.67	20.09	8.98	127.5	15.39	16.51	86	85.2	0.783	32.96	32.04	26.314	0	0
"2014-07-25	00:00:00"	13.58	134.7	8.23	19.49	10.44	136.5	9.49	15.31	84.4	84.1	0.304	39.5	38.12	26.331	0	0
"2014-07-25	01:00:00"	10.5	142.6	7.073	17.1	8.11	143.3	8.29	15.91	82.1	81.9	0.253	45.1	43.67	26.343	0	0
"2014-07-25	02:00:00"	8.84	148.8	8.99	14.72	6.82	148.4	9.02	11.14	79.82	79.56	0.259	48.17	46.85	26.353	0	0
"2014-07-25	03:00:00"	8.39	149.3	8.33	12.93	6.507	149.3	8.61	10.54	78.2	77.97	0.235	51.41	50.16	26.347	0	0
"2014-07-25	04:00:00"	8.94	153.7	11.18	13.52	6.927	153.8	11.63	11.14	76.69	76.43	0.259	53.69	52.59	26.335	0	0
"2014-07-25	05:00:00"	8.78	180.6	9.41	14.12	6.65	181.3	12.71	11.74	75.07	74.77	0.307	56.43	55.45	26.329	0	0
"2014-07-25	06:00:00"	7.186	184.5	8.74	10.54	5.292	185.5	12.38	8.16	73.91	73.55	0.359	59.47	58.62	26.331	0	0
"2014-07-25	07:00:00"	7.427	176.7	6.5	9.95	5.564	176.6	9.24	8.16	72.18	71.91	0.277	64.19	63.31	26.337	0.43909	0
"2014-07-25	08:00:00"	6.825	186.3	9	11.14	5.194	189.2	12.99	8.75	71.83	71.73	0.107	66.49	65.46	26.344	50.302	0
"2014-07-25	09:00:00"	8.74	185.1	9.24	14.12	7.048	187.4	13.55	13.52	72.97	73.45	-0.475	66.68	64.68	26.349	218.66	0
"2014-07-25	10:00:00"	9.71	187.2	9.8	13.52	7.888	188.4	14.46	11.74	76.35	77.35	-1.003	60.75	57.86	26.348	419.61	0
"2014-07-25	11:00:00"	9	187.7	12.56	14.12	7.356	188.3	16.27	12.33	81.4	82.8	-1.431	50.86	47.47	26.342	625.56	0
"2014-07-25	12:00:00"	9.3	192.4	22.14	14.72	7.678	192.8	25.73	12.93	85.4	87.1	-1.701	41.35	38.11	26.336	791.65	0
"2014-07-25	13:00:00"	8.33	183.7	26.04	15.31	7.051	184.4	29.44	12.93	88.4	90.2	-1.759	33.47	30.62	26.327	912.44	0
"2014-07-25	14:00:00"	7.01	182.1	46.21	17.7	6.024	185.3	52.27	15.91	90.4	92.1	-1.708	30.06	27.31	26.309	968.01	0
"2014-07-25	15:00:00"	6.658	150.1	73.8	14.72	5.598	154.1	75.29	12.33	92.2	94.2	-1.921	27.14	24.32	26.289	955.86	0
"2014-07-25	16:00:00"	9.07	200.1	38.05	20.09	7.587	203.6	42.48	18.3	93.3	95.5	-2.136	24.64	21.76	26.271	901.9	0
"2014-07-25	17:00:00"	8.95	167.7	31.92	18.89	7.477	168.3	34.73	15.91	94.2	96.1	-1.801	21.49	18.88	26.257	801.94	0
"2014-07-25	18:00:00"	7.321	181.6	41.02	17.1	6.19	183.2	44.07	14.12	94.8	96.1	-1.302	20.03	17.69	26.237	638.57	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-25	19:00:00"	7.831	171.3	31.42	17.1	6.629	172.2	36.64	14.12	94.7	95.7	-1.022	19.04	16.85	26.227	438.68	0	
"2014-07-25	20:00:00"	8.7	178.9	13.63	14.72	7.061	180.7	17.29	13.52	94.2	94.8	-0.612	19.38	17.37	26.221	226.19	0	
"2014-07-25	21:00:00"	8.3	161.7	11.52	11.74	6.636	161.3	12.79	9.95	92.2	92.1	0.044	22.7	21.01	26.226	49.123	0	
"2014-07-25	22:00:00"	9.36	147.9	8.5	13.52	7.061	148.2	8.63	12.33	87.8	87.4	0.377	27.1	25.74	26.246	0.22213	0	
"2014-07-25	23:00:00"	9.69	147.5	9.13	12.93	7.235	148.1	8.97	9.95	85	84.5	0.531	27.25	26.04	26.267	0	0	
"2014-07-26	00:00:00"	10.26	156.4	9.12	15.91	8.09	155	9.43	13.52	82.3	82	0.352	31.79	30.44	26.281	0	0	
"2014-07-26	01:00:00"	10.89	166.9	8.82	17.1	8.37	165.9	10.33	14.12	80.5	80.2	0.337	38.04	36.73	26.289	0	0	
"2014-07-26	02:00:00"	11.95	171.2	6.923	18.3	9.2	170.1	9.5	14.72	79.73	79.43	0.304	45.11	43.73	26.286	0	0	
"2014-07-26	03:00:00"	12.12	176.4	6.362	17.1	9.13	174.7	9.53	14.12	78.13	77.8	0.328	49.4	48.19	26.284	0	0	
"2014-07-26	04:00:00"	11.68	182.8	7.813	17.7	8.94	183.9	10.98	14.12	76.84	76.58	0.256	53.56	52.33	26.279	0	0	
"2014-07-26	05:00:00"	11.47	182.1	7.929	17.1	8.82	183.5	11.64	14.12	76.32	76.08	0.244	57.66	56.52	26.28	0	0	
"2014-07-26	06:00:00"	10.21	183.6	9.64	17.7	7.745	186.2	14.19	12.93	74.81	74.55	0.258	61.37	60.4	26.286	0	0	
"2014-07-26	07:00:00"	6.325	188.8	11.1	11.14	4.584	194	16.94	8.75	72.4	71.98	0.415	66.21	65.59	26.288	0.30436	0	
"2014-07-26	08:00:00"	6.704	168.7	14.07	11.74	5.072	168.9	16.11	9.35	72	71.71	0.292	67.67	66.96	26.292	56.194	0	
"2014-07-26	09:00:00"	9.73	164.1	11.62	14.72	7.866	164.4	12.45	12.33	73.64	74.03	-0.392	65.94	64.08	26.299	241.34	0	
"2014-07-26	10:00:00"	9.33	173.6	9.13	13.52	7.606	173.4	11.56	11.14	76.56	77.54	-0.978	60.57	57.68	26.306	449.26	0	
"2014-07-26	11:00:00"	7.591	183.8	16.3	11.74	6.336	184.7	20.44	10.54	80.6	81.9	-1.271	52.71	49.49	26.307	648.37	0	
"2014-07-26	12:00:00"	6.815	174.7	22.42	12.33	5.888	175.6	27.22	11.14	84.5	85.9	-1.409	39.01	36.16	26.3	816.8	0	
"2014-07-26	13:00:00"	5.419	145.5	54.54	13.52	4.829	142.3	56.1	11.74	87.4	88.9	-1.515	32.64	29.94	26.294	934.46	0	
"2014-07-26	14:00:00"	6.247	149.8	51.79	14.12	5.476	156.7	56.57	12.33	90	91.7	-1.705	29.67	26.9	26.271	986.26	0	
"2014-07-26	15:00:00"	8.09	162.9	33.65	20.68	6.747	163.3	36.07	18.89	92.7	94.6	-1.857	26.54	23.73	26.248	962.94	0	
"2014-07-26	16:00:00"	10.18	147.7	28.33	19.49	8.46	148.9	29.53	16.51	94.6	96.5	-1.932	23.59	20.79	26.233	906.02	0	
"2014-07-26	17:00:00"	10.63	162.4	19.59	20.09	8.79	163.2	22.81	17.7	95.5	97.5	-1.988	21.25	18.52	26.219	803.04	0	
"2014-07-26	18:00:00"	12.02	156.4	17.47	20.09	9.87	157.2	19.15	17.1	95.9	97.7	-1.715	20.04	17.47	26.205	638.58	0	
"2014-07-26	19:00:00"	11.37	167	14.23	19.49	9.25	167.4	17.18	16.51	95.9	97.1	-1.185	20.68	18.32	26.196	433.31	0	
"2014-07-26	20:00:00"	10.76	156.8	14.12	18.89	8.63	156.8	14.94	14.12	95.7	96.3	-0.654	20.81	18.73	26.191	224.63	0	
"2014-07-26	21:00:00"	10.89	151.1	9.63	17.1	8.75	150.7	9.88	14.12	93.5	93.5	-0.017	23.74	21.95	26.204	48.884	0	
"2014-07-26	22:00:00"	11.42	146.4	7.299	15.91	8.78	146.5	7.911	12.33	89.9	89.6	0.328	24.94	23.38	26.233	0.14588	0	
"2014-07-26	23:00:00"	11.71	151.2	8.41	17.1	9.32	150.8	9.08	14.72	87.3	87	0.289	29.33	27.83	26.26	0	0	
"2014-07-27	00:00:00"	13.01	157.6	9.9	20.68	10.39	156.7	10.59	15.91	85.4	85.2	0.218	34.19	32.74	26.275	0	0	
"2014-07-27	01:00:00"	11.02	164.8	9.18	17.1	8.69	164.2	10.7	15.31	83.4	83.2	0.285	36.46	35.17	26.287	0	0	
"2014-07-27	02:00:00"	10.35	165.7	8.63	16.51	8.05	165.1	10.26	12.93	81.6	81.3	0.305	37.87	36.65	26.292	0	0	
"2014-07-27	03:00:00"	8.58	148.9	9.49	12.93	6.598	147.9	9.63	10.54	79.15	78.84	0.311	40.85	39.51	26.293	0	0	
"2014-07-27	04:00:00"	8.92	141.5	7.911	11.74	6.58	141	8.7	9.35	77.61	77.19	0.422	43.75	42.52	26.289	0	0	
"2014-07-27	05:00:00"	8.85	132.8	6.757	11.74	6.092	132.2	8.22	9.35	76.04	75.41	0.625	48.66	47.82	26.286	0	0	
"2014-07-27	06:00:00"	8.35	121	9.38	10.54	5.71	120.6	11.32	8.16	74.08	73.5	0.58	52.95	52.21	26.292	0	0	
"2014-07-27	07:00:00"	8.67	116.9	7.821	11.74	6.032	115.9	11.28	8.75	72.91	72.38	0.53	56.2	55.47	26.301	0.3128	0	
"2014-07-27	08:00:00"	6.64	93.7	12.87	9.95	4.49	86.4	13.75	7.561	70.91	70.48	0.426	60.44	59.96	26.321	48.9	0	
"2014-07-27	09:00:00"	9.09	127.9	22.33	14.12	7.167	128.6	25.97	12.93	74.71	75.06	-0.349	58.12	56.23	26.34	222.91	0	
"2014-07-27	10:00:00"	9.73	149	13.6	13.52	8.08	148.7	13.44	12.33	78.33	79.24	-0.91	54.56	51.74	26.352	428.59	0	
"2014-07-27	11:00:00"	8.39	144.5	16.94	12.93	6.988	145.5	17.45	11.74	81.9	83.1	-1.224	48.95	45.7	26.359	629.19	0	
"2014-07-27	12:00:00"	10.02	112.5	20.47	17.7	8.3	114.8	21.98	15.31	85.2	86.8	-1.638	43.14	39.6	26.356	799.34	0	
"2014-07-27	13:00:00"	11.98	105.9	20.01	21.28	9.89	108.7	22.36	17.7	89	91	-2.003	34.5	31.32	26.347	911.43	0	
"2014-07-27	14:00:00"	11.42	117.8	18.7	22.47	9.45	120.5	20.57	21.28	90.9	93	-2.078	31.53	28.36	26.335	958.43	0	
"2014-07-27	15:00:00"	11.2	117.2	21.64	21.87	9.25	118.9	24.26	17.7	92.1	94.4	-2.248	29.37	26.15	26.326	945.55	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-27	16:00:00"	11.24	116.4	25.9	21.28	9.34	118.5	29.66	18.3	93.6	95.7	-2.092	27.76	24.69	26.314	910.88	0
"2014-07-27	17:00:00"	12.44	108.3	24.28	26.65	10.08	110.2	26	20.68	94.4	96.3	-1.923	27.36	24.39	26.3	644.53	0
"2014-07-27	18:00:00"	12.84	103.5	23.32	22.47	10.45	105.4	23.7	18.3	94.9	96.3	-1.482	25.92	23.28	26.288	538.66	0
"2014-07-27	19:00:00"	13.14	107.6	20.26	20.68	10.53	109.3	21.78	17.1	95.1	96.4	-1.242	25.06	22.56	26.284	416.87	0
"2014-07-27	20:00:00"	13.03	113.1	11.26	22.47	10.34	115.7	13.57	19.49	94.5	95.4	-0.848	26.45	24.17	26.289	246.97	0
"2014-07-27	21:00:00"	13.86	104.8	8.64	21.28	10.94	106.6	10.44	18.89	92.6	92.8	-0.18	30.59	28.7	26.295	47.39	0
"2014-07-27	22:00:00"	11.66	106.2	6.782	16.51	9.18	107.6	9.14	12.93	90.3	90.1	0.223	33.01	31.47	26.313	0.10402	0
"2014-07-27	23:00:00"	8.96	107.2	6.369	13.52	6.601	106.5	8.66	11.74	88.3	87.8	0.511	35.21	34.02	26.339	0	0
"2014-07-28	00:00:00"	9.28	122.7	8.63	12.33	6.522	124	11.73	10.54	86.8	86.1	0.651	36.69	35.73	26.351	0	0
"2014-07-28	01:00:00"	9	132	13.34	12.93	6.537	133.4	13.86	10.54	85.2	84.7	0.469	38.75	37.63	26.363	0	0
"2014-07-28	02:00:00"	9.35	167.2	11.87	15.31	7.215	165.8	13.52	11.74	83.3	83.1	0.241	43.89	42.38	26.38	0	0
"2014-07-28	03:00:00"	6.978	146.9	16.21	11.14	4.921	143.6	19.18	8.16	81.5	80.8	0.742	46.38	45.74	26.384	0	0
"2014-07-28	04:00:00"	7.158	157.8	9.33	10.54	5.53	156	10.14	9.35	80.3	79.92	0.414	46.94	45.89	26.374	0	0
"2014-07-28	05:00:00"	8.14	161.5	9.69	12.33	6.248	160.9	10.77	10.54	78.57	78.16	0.408	48.9	47.91	26.379	0	0
"2014-07-28	06:00:00"	9	163.5	9.11	12.93	7.048	163.2	10.5	10.54	77.31	77.01	0.299	51	49.83	26.391	0	0
"2014-07-28	07:00:00"	7.42	173.8	11.92	12.33	5.508	175.8	14.85	11.14	75.92	75.52	0.406	54.42	53.49	26.41	0.09879	0
"2014-07-28	08:00:00"	3.169	177.6	18.68	5.175	1.673	176.7	38.91	3.982	75.36	74.78	0.579	55.86	55.45	26.435	36.501	0
"2014-07-28	09:00:00"	2.429	178.7	70.93	6.964	1.888	136.7	96.7	6.368	77.14	77.1	0.04	54.22	53.4	26.458	207.64	0
"2014-07-28	10:00:00"	4.242	299.8	62.01	7.561	3.339	302.4	62.08	7.561	79.4	80.2	-0.787	50.98	48.4	26.471	378.77	0
"2014-07-28	11:00:00"	6.242	50.4	24.06	12.93	5.313	54.61	28.02	11.14	81.2	82.5	-1.336	48.03	44.69	26.477	530.16	0
"2014-07-28	12:00:00"	9.63	49.58	18.79	19.49	7.952	52.82	21.75	17.1	83.3	85.3	-2.038	44.56	40.31	26.473	753.25	0
"2014-07-28	13:00:00"	11.86	47.09	19.2	18.89	9.71	49.89	23.26	17.7	84.7	87.1	-2.377	42.97	38.53	26.471	898.33	0
"2014-07-28	14:00:00"	10.73	62.57	25.81	20.68	8.7	64.53	26.99	17.7	86.8	89.3	-2.476	38.56	34.73	26.459	888.61	0
"2014-07-28	15:00:00"	12.21	76.73	21.99	21.87	9.88	80.6	24.01	19.49	87.9	89.9	-1.974	36.21	32.92	26.438	675.58	0
"2014-07-28	16:00:00"	12.33	77.88	15.09	23.66	9.9	80.1	16.71	18.89	88.6	90.2	-1.626	36.19	33.22	26.421	503.16	0
"2014-07-28	17:00:00"	13.68	80.7	16.29	21.87	10.85	83.7	17.23	18.3	89.1	90.4	-1.378	36.68	33.87	26.402	395.4	0
"2014-07-28	18:00:00"	15.5	82.6	12.63	23.66	12.11	84.9	14.31	19.49	88.6	89.8	-1.129	37.81	35.27	26.385	384.39	0
"2014-07-28	19:00:00"	15.63	88.4	12.19	23.66	12.26	90.6	13.48	18.89	89	89.9	-0.874	37.29	34.92	26.368	270.35	0
"2014-07-28	20:00:00"	14.84	90.3	12.13	21.87	11.73	92.4	13.53	20.09	88.1	88.6	-0.487	38.52	36.49	26.366	157.08	0
"2014-07-28	21:00:00"	17.52	92.4	8.72	27.24	13.75	94.3	10.28	22.47	86.2	86.4	-0.212	43.76	41.7	26.376	36.076	0
"2014-07-28	22:00:00"	16.97	90.2	7.198	24.26	13.19	92.3	8.89	20.68	83.1	83.1	-0.025	49.93	48.1	26.391	0.06504	0
"2014-07-28	23:00:00"	14.7	86	7.594	23.07	11.34	87.6	9.46	18.89	81.3	81.2	0.053	52.58	50.95	26.406	0	0
"2014-07-29	00:00:00"	14.73	93.4	10.77	26.05	11.5	95.5	12.65	20.68	79.65	79.59	0.061	55.88	54.35	26.417	0	0
"2014-07-29	01:00:00"	15.36	102.9	7.818	23.66	12.03	105.2	9.75	20.68	78.8	78.75	0.055	58.81	57.36	26.419	0	0
"2014-07-29	02:00:00"	13.09	100.7	7.489	21.28	10.36	102.5	9.2	17.7	77.32	77.26	0.057	60.98	59.61	26.418	0	0
"2014-07-29	03:00:00"	14.51	110.2	8.79	20.68	11.33	112.5	11.15	18.3	76.31	76.25	0.062	62.42	61.1	26.413	0	0
"2014-07-29	04:00:00"	13.54	114	8.05	19.49	10.51	116.7	10.6	15.91	75.17	75.1	0.073	65.05	63.81	26.407	0	0
"2014-07-29	05:00:00"	12.23	112.5	8.22	18.89	9.49	114.6	10.97	15.31	73.96	73.89	0.075	68.05	66.89	26.398	0	0
"2014-07-29	06:00:00"	9.65	109.7	9.05	13.52	7.458	111.1	11.66	11.74	72.63	72.62	0.017	70.75	69.55	26.404	0	0
"2014-07-29	07:00:00"	8.74	89	8.28	11.74	6.688	89.9	9.6	9.35	71.45	71.53	-0.076	73.46	72.13	26.414	0.17124	0
"2014-07-29	08:00:00"	9.01	68.24	11.19	12.33	6.98	70.5	13.01	11.14	70.66	70.95	-0.288	75.5	73.81	26.425	36.973	0
"2014-07-29	09:00:00"	12.3	59.36	10.28	17.7	9.57	61.46	13.26	15.31	70.98	71.67	-0.691	71.2	68.73	26.439	160.53	0
"2014-07-29	10:00:00"	12.49	63.6	10.6	17.7	9.79	67.32	13.43	15.91	72.5	73.65	-1.149	68.78	65.51	26.44	392.47	0
"2014-07-29	11:00:00"	12.19	67.11	12.84	18.3	9.71	70.16	15.4	15.31	75.12	76.99	-1.87	62.57	58.07	26.441	666.56	0
"2014-07-29	12:00:00"	10.21	80.3	20.24	18.3	8.28	82.5	21.76	14.72	78.36	80.4	-2.083	56.05	51.3	26.441	827.47	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-29	13:00:00"	9.73	70.18	28.4	17.1	8.05	72.15	30.57	14.72	80.7	82.5	-1.799	51.17	46.84	26.429	573.25	0	
"2014-07-29	14:00:00"	11.05	40.12	15.71	17.7	9.07	42.2	18.1	15.91	81.4	83.1	-1.754	49.73	45.52	26.418	512.91	0	
"2014-07-29	15:00:00"	11.46	44.83	18.54	19.49	9.28	47.24	22.12	17.7	82.7	84.9	-2.169	47.41	42.76	26.395	733.47	0	
"2014-07-29	16:00:00"	13.96	42.17	15.25	21.87	11.37	44.12	17.78	19.49	84.1	86.8	-2.695	46.26	40.9	26.371	898.2	0	
"2014-07-29	17:00:00"	13.19	41.78	15.06	20.09	10.71	43.32	18.32	17.7	85.2	87.8	-2.593	45.14	39.96	26.344	832.61	0	
"2014-07-29	18:00:00"	12.31	58.61	15.93	18.89	9.81	60.99	19.03	16.51	86.3	88.3	-1.961	42.85	38.7	26.31	518.02	0	
"2014-07-29	19:00:00"	13.67	47.18	12.91	20.09	11.03	48.46	15.43	18.89	87.6	89.1	-1.503	40.95	37.67	26.297	432.33	0	
"2014-07-29	20:00:00"	12.36	76.71	19.3	20.68	9.82	79.32	20.39	17.1	88.3	89.1	-0.754	38.26	35.94	26.293	161.55	0	
"2014-07-29	21:00:00"	11.5	70.66	8.91	17.7	8.8	74.43	10.77	14.72	86.9	87	-0.141	39.92	38.1	26.293	7.1494	0	
"2014-07-29	22:00:00"	15.83	86.6	11.86	26.65	12.34	88.2	13.5	22.47	84.5	84.5	-0.088	44.27	42.26	26.298	0	0	
"2014-07-29	23:00:00"	17.14	95.8	7.229	26.05	13.58	97.6	8.61	21.28	80.2	80.4	-0.201	53.63	51.57	26.32	0	0	
"2014-07-30	00:00:00"	16.12	99.6	8.03	24.26	12.88	101.7	9.59	20.09	76.38	76.6	-0.219	63.15	61.22	26.332	0	0	
"2014-07-30	01:00:00"	12.32	113.3	8.5	20.09	9.57	115.4	11.9	15.91	74.65	74.72	-0.073	66.42	64.89	26.326	0	0	
"2014-07-30	02:00:00"	10.06	117.8	7.952	15.31	7.557	120.2	10.71	12.33	73.84	73.78	0.056	68.24	67	26.315	0	0	
"2014-07-30	03:00:00"	8.03	117.6	21.95	10.54	5.765	119.1	23.99	8.75	72.72	72.5	0.215	70.24	69.4	26.309	0	0	
"2014-07-30	04:00:00"	8.37	157.5	9.58	12.33	6.511	156.2	10.41	9.95	73.64	73.36	0.277	61.42	60.92	26.294	0	0	
"2014-07-30	05:00:00"	8.32	160.5	9.77	13.52	6.508	158.8	11.17	11.74	73.74	73.42	0.316	52.33	51.64	26.28	0	0	
"2014-07-30	06:00:00"	6.931	153.8	10.47	11.74	5.261	152.1	11.5	8.75	73.37	73.03	0.338	47.75	46.83	26.277	0	0	
"2014-07-30	07:00:00"	8.73	169.6	9.77	12.93	6.689	169.2	11.45	9.95	73.58	73.31	0.27	46.29	45.11	26.278	0.11134	0	
"2014-07-30	08:00:00"	8.7	184.7	10.66	13.52	6.719	187.4	14.78	10.54	74.01	73.86	0.156	44.97	43.62	26.28	43.925	0	
"2014-07-30	09:00:00"	8.68	193	10.75	14.72	6.777	195.4	13.73	12.93	74.85	75.06	-0.217	45.13	43.31	26.279	174.62	0	
"2014-07-30	10:00:00"	12.12	187.6	9.71	17.1	9.62	188.6	13.89	14.12	79.35	80.3	-0.908	39.07	36.73	26.277	425.71	0	
"2014-07-30	11:00:00"	10.24	204	17.27	17.1	8.37	205.8	20.8	14.12	83.6	84.7	-1.153	34.26	31.81	26.274	612.76	0	
"2014-07-30	12:00:00"	9.12	233.2	24.02	15.91	7.461	235.9	27.59	14.12	87.4	88.9	-1.546	31.16	28.5	26.269	781.75	0	
"2014-07-30	13:00:00"	9	256.3	28.01	16.51	7.25	259.9	31.17	14.12	90.9	92.7	-1.818	29.12	26.29	26.258	895.22	0	
"2014-07-30	14:00:00"	7.212	255.6	64.05	18.89	5.864	258.1	70.45	15.91	93.6	95.4	-1.775	27.22	24.4	26.237	948.79	0	
"2014-07-30	15:00:00"	8.12	322.3	56.58	16.51	6.441	325.4	58.37	14.12	95.4	97.9	-2.549	25.61	22.36	26.216	948.3	0	
"2014-07-30	16:00:00"	11.37	359.2	41.97	24.86	9.01	359.4	44.84	21.87	95.7	97.7	-1.99	25.91	22.89	26.199	647.55	0	
"2014-07-30	17:00:00"	11.53	66.14	21.54	19.49	9.3	68.26	22.56	16.51	94.7	96.6	-1.904	27.87	24.89	26.194	586.84	0	
"2014-07-30	18:00:00"	13.62	24	13.08	20.68	11.02	25.57	17.54	18.3	95.9	97.5	-1.597	28.67	25.84	26.188	500.66	0	
"2014-07-30	19:00:00"	14.06	56.07	23.64	30.22	11.24	57.7	25.21	27.84	93	94.2	-1.122	33.11	30.47	26.187	268.41	0	
"2014-07-30	20:00:00"	13.76	52.8	17.31	23.66	10.73	55.89	19.43	21.87	89.9	90.2	-0.376	36.95	34.93	26.207	50.138	0	
"2014-07-30	21:00:00"	12.5	205.5	67.95	34.4	9.98	208.7	68.77	26.65	80.1	80.5	-0.428	54.17	52.02	26.268	7.4389	0	
"2014-07-30	22:00:00"	4.174	295.5	63.41	8.16	3.209	304.3	65.7	6.964	78.67	78.76	-0.089	53.7	51.89	26.286	0.0342	0	
"2014-07-30	23:00:00"	12.44	28.64	16.51	26.05	9.53	26.96	21.2	22.47	79.41	79.34	0.07	53.66	52.1	26.3	0	0	
"2014-07-31	00:00:00"	19.85	38.37	9.45	28.43	15.67	40.46	11.63	25.45	76.54	76.7	-0.163	57.71	55.75	26.329	0	0	
"2014-07-31	01:00:00"	21.09	35.7	8.51	32.61	16.77	38.04	11.36	30.82	73.32	73.58	-0.262	61.52	59.54	26.357	0	0	
"2014-07-31	02:00:00"	19.17	39.34	8.54	27.84	15.09	41.15	10.99	24.26	71.84	71.98	-0.139	66.22	64.72	26.355	0	0	
"2014-07-31	03:00:00"	17.89	33.47	7.796	26.65	14.05	36.2	11.09	21.87	67.79	67.73	0.059	79.84	80	26.346	0.04264	0.02	
"2014-07-31	04:00:00"	16.33	36.75	7.399	24.26	13.14	39.2	9.86	19.49	67.24	67.09	0.147	79.65	79.75	26.344	0	0	
"2014-07-31	05:00:00"	14.62	34.35	7.984	20.68	11.64	36.71	11.11	18.89	66.89	66.85	0.04	78.92	78.62	26.37	0	0	
"2014-07-31	06:00:00"	16.21	32.17	7.2	23.66	12.71	34.81	11.39	19.49	67.11	67.13	-0.024	77.39	76.77	26.378	0	0	
"2014-07-31	07:00:00"	15.76	15.35	9.84	24.26	12.25	14.61	15.55	20.68	66.27	66.34	-0.073	76.15	75.32	26.397	0.23827	0	
"2014-07-31	08:00:00"	14.83	29.11	9.55	21.28	11.65	31.48	13.69	18.3	64.89	64.82	0.066	77.05	77.3	26.403	10.701	0.06	
"2014-07-31	09:00:00"	13.74	37.82	7.948	20.09	11.01	40.67	10.31	17.1	65.31	65.1	0.21	75.44	76.32	26.411	40.301	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-07-31	10:00:00"	11.92	25.33	9.18	17.1	9.44	26.81	13.05	15.31	66.63	66.84	-0.212	73.29	73.58	26.433	163.2	0	
"2014-07-31	11:00:00"	10.96	27.43	12.77	16.51	8.84	29.19	16.81	14.72	68.12	68.92	-0.803	68.36	67.59	26.437	342.59	0	
"2014-07-31	12:00:00"	10.02	36.23	17.52	16.51	8.22	38.35	20.31	14.72	69.81	71.08	-1.27	64.15	62.15	26.423	470.8	0	
"2014-07-31	13:00:00"	9.51	48.44	17.69	17.1	7.838	51.02	19.44	12.93	71.46	72.77	-1.318	60.46	57.93	26.411	501.58	0	
"2014-07-31	14:00:00"	9.5	43.46	20.66	15.91	7.937	44.77	24.1	14.72	73.62	75.33	-1.713	55.53	52.1	26.4	640.28	0	
"2014-07-31	15:00:00"	7.539	42.55	30.09	15.31	6.334	43.01	34.46	12.33	74.55	76.17	-1.62	53.32	49.94	26.394	599.47	0	
"2014-07-31	16:00:00"	6.867	66.09	27.75	14.12	5.742	68.61	31.58	12.93	76.67	78.16	-1.487	49.78	46.39	26.382	563.89	0	
"2014-07-31	17:00:00"	7.952	53.88	30.16	14.72	6.556	57.83	32.69	15.31	78.92	80.5	-1.576	46.34	42.88	26.357	561.04	0	
"2014-07-31	18:00:00"	8.16	36.83	25.13	17.1	6.853	35.52	29.39	15.31	80.1	81.4	-1.249	43.78	40.68	26.342	365.41	0	
"2014-07-31	19:00:00"	6.813	59.21	31.01	15.31	5.692	63.67	36.62	13.52	81.4	82.7	-1.287	41.14	38.27	26.322	416.93	0	
"2014-07-31	20:00:00"	6.776	76	29.5	12.33	5.467	77.46	30.3	9.95	81.7	82.4	-0.724	40.41	38.25	26.315	186.9	0	
"2014-07-31	21:00:00"	6.643	107.3	11.86	10.54	4.93	107.9	13.78	9.35	80.3	80.1	0.188	42.77	41.54	26.324	18.463	0	
"2014-07-31	22:00:00"	5.836	133.3	9.11	8.16	3.459	132.9	10.11	5.771	77.85	76.6	1.253	47.81	48.69	26.334	0.02184	0	
"2014-07-31	23:00:00"	5.438	114.1	19.56	6.964	3.218	99.1	24.81	4.578	76.8	74.52	2.281	50.16	52.91	26.354	0	0	
"2014-08-01	00:00:00"	5.292	81.4	25.96	7.561	3.374	60.57	27.72	4.578	73.94	71.68	2.26	55.37	58.22	26.368	0	0	
"2014-08-01	01:00:00"	5.382	70.23	13.35	8.75	3.404	52.33	30.91	5.771	72.09	70.31	1.774	58.22	61.46	26.378	0	0	
"2014-08-01	02:00:00"	8.21	94.4	9.8	12.93	6.156	93.8	12.09	10.54	71.76	71.53	0.232	61.87	61.04	26.372	0	0	
"2014-08-01	03:00:00"	9.03	97	9.76	13.52	6.961	98	11.24	11.74	70.64	70.56	0.074	66.04	64.98	26.366	0	0	
"2014-08-01	04:00:00"	9.52	87.8	8.37	12.93	7.244	88.8	9.85	11.14	69.27	69.2	0.073	66.72	65.69	26.367	0	0	
"2014-08-01	05:00:00"	7.905	84.8	7.1	11.74	5.987	85.3	9.14	9.35	67.44	67.42	0.026	70.53	69.45	26.368	0	0	
"2014-08-01	06:00:00"	9.08	84.9	8.34	13.52	6.941	86.3	9.94	11.14	66.61	66.65	-0.036	74.78	73.6	26.373	0	0	
"2014-08-01	07:00:00"	5.852	74.17	12.15	9.35	4.521	75.26	13.37	8.16	65.51	65.67	-0.154	77.55	76.19	26.38	0.0715	0	
"2014-08-01	08:00:00"	6.165	81.1	18.34	9.35	4.946	83.3	19.23	8.16	66.05	66.3	-0.249	77.99	76.47	26.395	10.029	0	
"2014-08-01	09:00:00"	4.95	90.9	19.2	7.561	4.177	93.1	20.96	6.964	66.5	66.86	-0.363	77.17	75.47	26.404	90.995	0	
"2014-08-01	10:00:00"	6.796	144.1	31.69	14.12	5.588	145.3	32.91	11.74	68.74	69.45	-0.714	71.92	69.54	26.416	176.82	0	
"2014-08-01	11:00:00"	10.75	194.6	12.33	15.31	8.57	196.8	15.13	13.52	68.93	69.84	-0.907	72.75	69.98	26.431	273.72	0	
"2014-08-01	12:00:00"	8.41	196.8	16.28	15.31	7.004	197.3	20.37	13.52	70.12	71.35	-1.228	69.31	65.9	26.429	358.83	0	
"2014-08-01	13:00:00"	4.921	173.3	31.28	9.95	4.191	172.9	34.95	9.35	70.69	71.42	-0.726	66.22	63.66	26.422	258.35	0	
"2014-08-01	14:00:00"	4.263	97.3	49.01	9.35	3.716	101.5	54.18	8.75	72.53	73.44	-0.913	61.01	58.16	26.415	428.01	0	
"2014-08-01	15:00:00"	6.104	85	39.27	12.33	5.19	88.8	45.85	11.14	75.37	76.77	-1.405	54.48	50.88	26.393	596.61	0	
"2014-08-01	16:00:00"	8.35	58.64	23.55	15.31	6.841	61.45	26.22	12.33	77.14	78.74	-1.603	50.78	46.83	26.367	430.97	0	
"2014-08-01	17:00:00"	8.37	41.65	27.59	15.91	6.912	41.97	31.26	14.12	78.29	80.1	-1.805	47.77	43.66	26.352	457.57	0	
"2014-08-01	18:00:00"	7.369	42.27	22.09	11.74	6.187	43.32	25.71	11.14	79.39	80.7	-1.285	45.21	41.79	26.343	323.89	0	
"2014-08-01	19:00:00"	6.284	49.52	32.85	11.74	5.201	50.28	36.56	11.14	80.1	81.2	-1.044	42.42	39.43	26.331	222.69	0	
"2014-08-01	20:00:00"	5.888	112.5	34.91	10.54	4.821	115.9	34.76	9.95	80.1	80.6	-0.474	41.14	38.99	26.322	76.763	0	
"2014-08-01	21:00:00"	5.479	149.6	10.3	9.95	4.455	150.6	10.45	8.16	78.85	78.98	-0.131	45.03	43.18	26.328	20.467	0	
"2014-08-01	22:00:00"	4.373	122.9	20.26	6.368	3.1	119.5	23.58	5.175	77.57	77.51	0.06	47.37	45.93	26.34	0.00163	0	
"2014-08-01	23:00:00"	7.169	61.74	11.52	13.52	4.988	57.13	10.65	11.14	75.9	75.46	0.439	48.53	48.09	26.367	0	0	
"2014-08-02	00:00:00"	8.68	61.05	8.71	13.52	6.489	63.1	11.51	10.54	74.37	74.3	0.069	43.63	42.19	26.383	0	0	
"2014-08-02	01:00:00"	7.654	55.76	9.39	11.14	5.68	58.25	11.89	9.35	73.68	73.65	0.034	42.86	41.34	26.388	0	0	
"2014-08-02	02:00:00"	6.419	64.64	8.01	9.35	4.43	67.33	10.12	8.16	72.28	72.2	0.081	43.15	41.92	26.386	0	0	
"2014-08-02	03:00:00"	6.771	63.96	8.97	10.54	4.865	64.5	11.1	7.561	71.22	71.11	0.108	46.61	45.33	26.376	0	0	
"2014-08-02	04:00:00"	7.949	96.3	10.91	11.14	6.018	96.8	12.17	9.95	71.72	71.63	0.09	48.76	47.28	26.367	0	0	
"2014-08-02	05:00:00"	6.548	103.9	10.06	9.35	4.905	104	11.88	7.561	71.29	71.23	0.056	50.28	48.86	26.371	0	0	
"2014-08-02	06:00:00"	5.497	87.4	11.57	7.561	3.967	85.3	12.48	5.771	70.41	70.4	0.015	52.74	51.4	26.381	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-08-02	07:00:00"	4.656	61.28	8.93	6.964	3.269	59.41	9.92	5.175	69.59	69.56	0.031	53.75	52.67	26.394	0.03364	0
"2014-08-02	08:00:00"	6.171	64.64	8.15	8.75	4.302	67.77	10.54	6.964	69.58	69.51	0.063	52.86	51.94	26.406	7.3255	0
"2014-08-02	09:00:00"	5.958	78.79	16.23	8.75	4.681	81	18.04	6.964	69.82	69.98	-0.16	52.92	51.44	26.417	52.301	0
"2014-08-02	10:00:00"	5.471	93.2	9.39	7.561	4.646	94.7	12.07	6.368	70.96	71.32	-0.368	51.59	49.63	26.432	102.23	0
"2014-08-02	11:00:00"	4.434	111.8	17.86	8.16	3.756	112.2	20.14	6.368	71.69	72.1	-0.409	52.63	50.61	26.436	142.2	0
"2014-08-02	12:00:00"	4.721	130.7	20.7	7.561	4.002	132	22.28	7.561	72.2	72.71	-0.505	54.74	53.24	26.446	219.04	0
"2014-08-02	13:00:00"	6.349	134.5	23.25	11.74	5.23	135.2	22.78	9.95	71.98	72.22	-0.238	57.19	57.55	26.45	182.82	0
"2014-08-02	14:00:00"	7.971	128.5	25.71	11.74	6.465	129.6	26.04	9.95	72.8	73.21	-0.405	51.74	51.15	26.441	226.6	0
"2014-08-02	15:00:00"	8.75	78.07	13.38	14.72	7.039	79.63	15.39	12.93	75.06	76.13	-1.072	45.41	43.07	26.423	398.08	0
"2014-08-02	16:00:00"	9.86	84.5	13.88	15.31	8.01	86	15.16	12.33	77.33	78.23	-0.898	34.78	32.66	26.405	294.83	0
"2014-08-02	17:00:00"	9.44	90.5	13.5	15.91	7.754	92.5	15.2	14.12	78.42	79.43	-1.012	33.76	31.57	26.386	347.91	0
"2014-08-02	18:00:00"	10.02	81	14.12	15.91	8.05	83.4	15.76	12.93	79.45	80.3	-0.846	30.4	28.34	26.378	230.19	0
"2014-08-02	19:00:00"	9.83	92.3	10.84	13.52	7.91	93.8	11.8	11.74	79.42	79.9	-0.476	32.19	30.31	26.374	118.56	0
"2014-08-02	20:00:00"	11.42	110.4	9.86	15.91	8.97	113.2	12.54	13.52	79.01	79.29	-0.278	34.84	33.07	26.369	72.942	0
"2014-08-02	21:00:00"	10.9	107.2	8.24	15.31	8.58	109.4	10.32	12.93	77.94	78.05	-0.102	37.15	35.53	26.374	25.07	0
"2014-08-02	22:00:00"	6.736	83.6	11.97	11.14	4.897	84.2	13.06	9.35	75.78	75.62	0.156	38.7	37.45	26.379	0.01351	0
"2014-08-02	23:00:00"	5.747	72.78	8.87	8.16	3.719	72.21	10.9	5.771	74.12	73.79	0.321	41.9	40.92	26.389	0	0
"2014-08-03	00:00:00"	5.82	58.73	4.242	7.561	3.458	57.11	7.077	5.175	73.88	73	0.884	43.17	43.32	26.398	0	0
"2014-08-03	01:00:00"	6.561	62.11	7.303	8.16	4.135	62.75	11.22	6.368	72.83	72.19	0.642	44.98	44.75	26.401	0	0
"2014-08-03	02:00:00"	6.128	75.61	10.71	8.75	3.974	72.49	9.63	6.368	72.39	72	0.385	45.28	44.81	26.4	0	0
"2014-08-03	03:00:00"	6.097	67.77	15.02	8.16	3.899	63.61	9.87	5.771	72.29	71.6	0.69	44.94	45.34	26.401	0	0
"2014-08-03	04:00:00"	6.558	68.34	5.632	8.75	4.222	69.21	8.62	6.368	71.26	70.9	0.366	47.74	47.12	26.396	0	0
"2014-08-03	05:00:00"	6.268	69.09	4.612	7.561	3.659	64.64	8.4	5.771	69.74	68.27	1.468	51.67	53.09	26.398	0	0
"2014-08-03	06:00:00"	6.027	53.88	7.93	8.16	3.992	52.67	9.18	6.368	69.77	69	0.772	51.85	51.96	26.404	0	0
"2014-08-03	07:00:00"	7.273	53.15	7.64	10.54	5.311	55.01	9.69	8.16	69.09	69	0.083	53.8	52.52	26.413	0.07456	0
"2014-08-03	08:00:00"	6.025	48.72	9.67	8.16	4.621	50.83	12.06	7.561	68.8	68.78	0.023	54.31	53.08	26.42	17.241	0
"2014-08-03	09:00:00"	6.553	59.2	7.56	8.75	5.043	61.07	9.58	7.561	69	69.22	-0.222	55.59	54.15	26.428	92.483	0
"2014-08-03	10:00:00"	6.549	83.2	17.81	9.35	5.396	85.2	19.99	8.75	72.46	73.2	-0.732	49.2	46.82	26.432	348.18	0
"2014-08-03	11:00:00"	4.593	129.4	32.62	8.75	3.937	136.9	33.9	8.16	76.86	77.68	-0.826	42.34	39.74	26.43	613.41	0
"2014-08-03	12:00:00"	7.251	123.7	36.15	15.91	6.104	125.4	38.8	14.12	79.52	81	-1.453	37.5	34.75	26.426	782.87	0
"2014-08-03	13:00:00"	7.799	110.9	37.34	14.72	6.544	112.7	38.15	14.12	81.6	83.3	-1.733	33.91	30.95	26.414	900.26	0
"2014-08-03	14:00:00"	9.2	127.6	26.4	19.49	7.664	130.2	30.57	16.51	83.2	85.1	-1.883	30.35	27.35	26.397	962.09	0
"2014-08-03	15:00:00"	8.44	139.6	45.49	17.1	7.077	141.1	46.67	14.72	84.4	86.4	-1.969	28.67	25.66	26.384	855.59	0
"2014-08-03	16:00:00"	8.47	96.4	40.59	17.1	7.019	97.7	44.18	15.91	85.6	87.6	-2.067	27.57	24.53	26.367	885.3	0
"2014-08-03	17:00:00"	8.88	104.1	22.64	20.68	7.43	106.2	24.67	17.7	86	87.6	-1.635	27.33	24.54	26.352	620.62	0
"2014-08-03	18:00:00"	8.82	94	35.01	17.7	7.267	96.1	35.9	15.91	86	87.5	-1.483	27.3	24.64	26.336	481.76	0
"2014-08-03	19:00:00"	8.73	80.6	27.45	15.91	7.161	83.9	28.84	14.12	86.4	87.8	-1.438	26.97	24.35	26.326	420.24	0
"2014-08-03	20:00:00"	9.21	91.2	15.96	16.51	7.537	92.6	17.58	14.12	85.8	86.5	-0.709	27.28	25.13	26.326	200.06	0
"2014-08-03	21:00:00"	8.54	92.5	7.244	13.52	6.309	93.6	8.81	10.54	83.9	83.7	0.136	29.23	27.66	26.329	32.015	0
"2014-08-03	22:00:00"	8.07	93.7	4.404	10.54	4.397	89.6	6.084	6.368	80.3	77.88	2.386	31.88	32.63	26.344	0.02213	0
"2014-08-03	23:00:00"	8.5	102	5.884	9.95	4.544	93.4	6.859	6.368	78.24	75.35	2.882	33.7	34.88	26.368	0	0
"2014-08-04	00:00:00"	8.79	103.7	6.72	10.54	4.62	88	7.134	5.771	76.62	72.77	3.853	35.5	37.91	26.379	0	0
"2014-08-04	01:00:00"	8.89	105	5.436	11.14	5.198	98.5	7.535	6.964	73.66	71.72	1.947	39.23	39.82	26.378	0	0
"2014-08-04	02:00:00"	9.14	107.8	4.898	11.14	5.328	99.7	7.907	8.16	72.05	70.07	1.977	41.87	42.82	26.376	0	0
"2014-08-04	03:00:00"	8.32	114.9	6.287	11.14	5.455	110.9	9.37	8.16	71.23	70.15	1.079	43.13	42.85	26.374	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-04	04:00:00"	7.198	108.8	5.026	8.75	3.876	94.4	7.399	5.771	68.78	66.6	2.182	46.94	48.28	26.369	0
"2014-08-04	05:00:00"	7.354	112.2	5.488	9.35	4.044	92.1	6.469	5.771	68.22	65.32	2.899	48.77	51.13	26.368	0
"2014-08-04	06:00:00"	7.425	116.3	8.79	10.54	4.379	95.7	18	6.964	68	65.31	2.696	50.2	52.54	26.373	0
"2014-08-04	07:00:00"	7.363	136.8	10.07	10.54	5.013	133.4	13.47	8.16	68.17	67.41	0.765	51.58	51.19	26.38	0.36739
"2014-08-04	08:00:00"	5.265	110	10.47	7.561	3.066	83.6	15.85	5.175	66.49	65.07	1.426	54.89	55.81	26.388	50.904
"2014-08-04	09:00:00"	7.403	124.1	10.26	11.14	5.85	124.4	12.48	9.35	70.37	70.54	-0.173	51.38	49.8	26.397	182.36
"2014-08-04	10:00:00"	9.81	155.6	13.19	15.31	8.06	155.7	14.09	14.12	74.19	74.95	-0.752	48.61	46	26.406	388.01
"2014-08-04	11:00:00"	9.98	174.2	11.76	15.31	8.23	173.6	14.37	12.93	77.74	79.12	-1.379	43.53	40.27	26.407	626.99
"2014-08-04	12:00:00"	8.65	169.9	22.04	16.51	7.112	170.8	23.33	13.52	80.5	82.2	-1.731	37.57	34.54	26.405	789.84
"2014-08-04	13:00:00"	7.763	158.5	38.53	20.09	6.539	161.4	40.68	15.31	82.5	84.1	-1.603	34.15	31.26	26.394	775.78
"2014-08-04	14:00:00"	8.3	136.7	57.05	21.87	6.941	137.1	56.33	15.31	84.5	86.1	-1.609	29.39	26.63	26.372	793.66
"2014-08-04	15:00:00"	7.473	107.1	43.98	26.05	6.347	110	48.13	21.28	85.8	87.5	-1.691	27.3	24.49	26.349	900.7
"2014-08-04	16:00:00"	7.128	96.3	43.77	28.43	6.134	99.3	47.43	18.89	86.6	88.3	-1.729	26.08	23.26	26.33	768.77
"2014-08-04	17:00:00"	9.61	104.6	28.22	20.09	7.949	107	30.3	17.1	87.1	88.9	-1.809	25.58	22.71	26.311	713.84
"2014-08-04	18:00:00"	9.14	107.8	27.38	18.3	7.667	111.4	30.64	15.91	87.8	89.5	-1.672	24.39	21.65	26.298	604.55
"2014-08-04	19:00:00"	8.84	117.5	19.12	16.51	7.384	119.1	22.25	14.72	87.9	89.1	-1.238	24.02	21.52	26.289	415.55
"2014-08-04	20:00:00"	9.18	133.5	22.86	15.91	7.489	135.9	23.04	13.52	87.4	88.1	-0.743	24.93	22.71	26.292	198.77
"2014-08-04	21:00:00"	9.62	121.8	8.56	14.72	7.084	123.8	10.93	12.33	85.4	85.3	0.126	27.01	25.36	26.311	20.72
"2014-08-04	22:00:00"	8.38	104.6	5.247	11.14	5.534	103.8	8.27	8.16	81.2	80.4	0.803	31.12	30.03	26.327	0.00019
"2014-08-04	23:00:00"	8.53	102.2	4.84	10.54	5.112	98.5	7.502	6.964	78.33	77.03	1.298	34.43	33.95	26.343	0
"2014-08-05	00:00:00"	8.46	111.5	5.784	11.14	5.369	104.2	8.42	8.16	77.44	75.93	1.506	35.49	35.37	26.353	0
"2014-08-05	01:00:00"	8.7	110.9	7.551	10.54	5.285	100.1	10.14	8.16	76.58	74.51	2.074	35.93	36.52	26.354	0
"2014-08-05	02:00:00"	10.39	114.9	10.13	14.12	7.14	114.4	14.86	11.14	74.94	74.01	0.932	38.71	38.17	26.351	0
"2014-08-05	03:00:00"	8.64	119.7	7	12.33	5.994	120.3	9.92	9.35	73.68	73.01	0.662	42.09	41.14	26.344	0
"2014-08-05	04:00:00"	8.67	124.7	7.324	11.74	5.764	126	9.61	9.95	72.01	71.22	0.786	43.95	43.36	26.338	0
"2014-08-05	05:00:00"	8.72	136.3	7.124	12.33	6.222	136.3	8.18	9.35	71.64	71.07	0.577	43.38	42.49	26.334	0
"2014-08-05	06:00:00"	6.685	135.4	7.383	9.35	4.187	131.6	9.92	6.368	70.47	69.45	1.027	46.1	45.78	26.338	0
"2014-08-05	07:00:00"	6.709	126.9	7.322	8.75	4.152	123.6	9.58	6.368	69.39	68.38	1.009	49.27	49.05	26.344	0.14521
"2014-08-05	08:00:00"	5.826	133.7	14.16	8.16	4.024	127.6	19.3	7.561	69.1	68.54	0.567	52.47	51.66	26.356	41.699
"2014-08-05	09:00:00"	7.873	166.5	11.75	13.52	6.318	166.7	13.61	11.74	71.85	72.19	-0.342	52	49.99	26.369	226.56
"2014-08-05	10:00:00"	11.2	182.3	9.91	20.68	8.96	182.9	13.59	18.3	75.86	76.71	-0.85	46.97	44.18	26.381	380.22
"2014-08-05	11:00:00"	15.55	184.7	9.9	22.47	12.4	185.3	14.42	20.09	79.13	80.6	-1.42	42.73	39.24	26.389	599.2
"2014-08-05	12:00:00"	12.96	188.4	12.28	20.68	10.35	189.7	15.59	16.51	81.2	82.9	-1.759	39.92	36.67	26.39	603.29
"2014-08-05	13:00:00"	10.6	184.3	15.24	17.1	8.66	183.9	18.45	14.72	82.9	84.3	-1.444	35.91	33.1	26.385	541.74
"2014-08-05	14:00:00"	8.24	171.7	43.39	18.3	6.846	173.2	50.18	17.1	85.7	87.6	-1.915	31.27	28.26	26.369	1013.7
"2014-08-05	15:00:00"	9.19	194.1	37.89	21.28	7.676	194.3	42.9	18.3	86.7	88.9	-2.162	30.31	27.11	26.351	977.53
"2014-08-05	16:00:00"	8.9	158	28.64	20.68	7.364	160.9	33.42	18.89	87.9	89.8	-1.952	27.37	24.37	26.334	800.62
"2014-08-05	17:00:00"	7.859	161.6	52.44	18.3	6.524	164.3	52.62	14.72	89	90.6	-1.6	26.07	23.3	26.316	667.32
"2014-08-05	18:00:00"	8.52	165.1	33.12	20.68	7.03	164.9	33.49	17.7	89.6	91.1	-1.511	25.32	22.65	26.301	577.37
"2014-08-05	19:00:00"	8.64	190.6	29.82	17.1	7.212	190.2	33.19	15.91	90	91.3	-1.269	23.49	20.99	26.29	405.35
"2014-08-05	20:00:00"	9.9	180.9	12.52	18.89	7.872	181.9	15.64	14.72	89.4	90.1	-0.689	24.85	22.65	26.288	194.84
"2014-08-05	21:00:00"	8.34	172.9	7.391	11.74	6.432	171.8	9.29	9.35	87.6	87.5	0.063	25.87	24.22	26.291	31.62
"2014-08-05	22:00:00"	9.27	166.7	8	12.93	7.051	164.3	9.39	10.54	83.9	83.5	0.463	27.17	25.85	26.3	0.01217
"2014-08-05	23:00:00"	9.34	164.7	8.4	12.93	7.106	163.1	9.5	11.14	81.6	81.1	0.544	29.58	28.33	26.316	0
"2014-08-06	00:00:00"	9.44	164	8.93	13.52	7.191	163.8	9.8	11.14	79.41	78.94	0.474	33.58	32.33	26.324	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-08-06	01:00:00"	10.55	168.6	7.439	14.12	7.958	166.9	9.45	11.74	78.14	77.59	0.548	36.06	34.95	26.323	0	0
"2014-08-06	02:00:00"	9.52	177.3	7.556	12.93	7.033	175.5	10.04	10.54	76.89	76.31	0.58	38.31	37.35	26.319	0	0
"2014-08-06	03:00:00"	9.55	182.5	9.71	15.31	7.066	184.5	14.57	12.93	75.62	75.1	0.52	40.23	39.16	26.309	0	0
"2014-08-06	04:00:00"	7.965	187.2	9.38	12.33	5.795	191	13.53	9.35	73.51	73.04	0.474	44.31	43.16	26.3	0	0
"2014-08-06	05:00:00"	8.09	185	10.34	12.33	5.942	185.7	14.77	10.54	72.9	72.44	0.47	45.95	44.85	26.299	0	0
"2014-08-06	06:00:00"	6.699	186.4	10.22	11.14	4.774	190.1	13.66	8.75	71.65	71.15	0.501	49.16	48.1	26.305	0	0
"2014-08-06	07:00:00"	7.129	181.6	8.4	12.93	5.175	181.4	11.32	10.54	70.96	70.44	0.516	52.75	51.76	26.304	0.05875	0
"2014-08-06	08:00:00"	7.616	179.3	8.48	11.74	5.735	179.2	10.91	9.35	70.76	70.51	0.253	56.27	55.05	26.312	49.151	0
"2014-08-06	09:00:00"	11.31	171.9	8.06	20.09	8.95	171.4	10.72	16.51	73.85	74.16	-0.313	55.37	53.33	26.322	200.97	0
"2014-08-06	10:00:00"	15.25	176.4	7.612	21.28	11.96	176	11.24	17.7	78.13	79.01	-0.874	49.42	46.51	26.327	404.93	0
"2014-08-06	11:00:00"	13.83	184.3	10.57	19.49	11.02	185.3	14.43	16.51	81.7	83.1	-1.479	43.67	40.11	26.322	602.42	0
"2014-08-06	12:00:00"	11.62	184.1	15.85	17.1	9.46	183.6	19.36	14.72	85	86.9	-1.915	38.35	35.08	26.315	770.99	0
"2014-08-06	13:00:00"	10.01	176	17.16	17.1	8.37	176.1	21.3	14.12	88.2	90.2	-2.085	32.7	29.46	26.303	889.27	0
"2014-08-06	14:00:00"	7.881	178.4	35.69	16.51	6.627	178	40.79	12.93	90.6	92.6	-1.98	27.42	24.44	26.286	950.86	0
"2014-08-06	15:00:00"	6.497	188.2	58.69	14.12	5.653	192.8	61.35	12.33	91.9	93.8	-1.908	26.68	23.74	26.266	932.23	0
"2014-08-06	16:00:00"	8.64	178.3	38.72	19.49	7.325	179.5	43.53	18.89	93.1	95	-1.945	25.61	22.65	26.244	925.81	0
"2014-08-06	17:00:00"	8.32	166.5	45.2	17.7	7.069	167.8	49.27	15.31	93.8	95.3	-1.535	24.99	22.26	26.224	612.97	0
"2014-08-06	18:00:00"	8.08	221.6	34.92	17.1	6.62	224.7	38.19	14.12	94.7	96.2	-1.493	23.81	21.15	26.209	603.15	0
"2014-08-06	19:00:00"	8.04	189	37.11	14.72	6.629	189.6	40.27	12.93	95.1	96.3	-1.199	23.37	20.89	26.197	408.72	0
"2014-08-06	20:00:00"	10.3	161.6	16.09	17.7	8.32	161.7	17.39	15.31	94.4	95	-0.673	23.89	21.66	26.188	168.83	0
"2014-08-06	21:00:00"	9.67	152.9	10.47	15.91	7.811	152.6	11.33	13.52	92.4	92.4	-0.032	25.41	23.57	26.199	16.065	0
"2014-08-06	22:00:00"	9.9	151.5	9.09	15.31	7.906	151.4	9.28	12.93	89.6	89.5	0.095	27.36	25.68	26.212	0	0
"2014-08-06	23:00:00"	10.48	158.2	10.3	16.51	8.39	157.1	10.59	14.72	87.8	87.8	0.079	29.03	27.37	26.232	0	0
"2014-08-07	00:00:00"	8.83	161.9	10.25	13.52	7.047	161.3	11.65	10.54	85.3	85.2	0.119	31.83	30.25	26.252	0	0
"2014-08-07	01:00:00"	12.25	175.8	7.127	18.3	9.44	175	9.72	16.51	83.9	83.6	0.248	33.74	32.31	26.26	0	0
"2014-08-07	02:00:00"	11.02	177.1	7.101	15.91	8.36	176	10.08	13.52	81.7	81.5	0.24	36.18	34.81	26.261	0	0
"2014-08-07	03:00:00"	10.32	182.6	8.2	15.31	8	183.5	12.06	12.33	80.8	80.7	0.141	37.92	36.48	26.254	0	0
"2014-08-07	04:00:00"	8.15	192.5	9.33	12.33	6.278	196.5	12.52	9.95	79.37	79.22	0.153	40.56	39.01	26.247	0	0
"2014-08-07	05:00:00"	7.554	200.7	11.81	11.14	5.888	203	11.98	9.35	77.42	77.23	0.197	43.89	42.33	26.245	0	0
"2014-08-07	06:00:00"	8.22	195.1	9.16	12.93	6.196	199.2	12.26	9.35	76.39	76.18	0.217	47.7	46.22	26.245	0	0
"2014-08-07	07:00:00"	7.921	182.7	8.96	12.33	6.068	184.1	12.74	9.35	75	74.79	0.212	51.02	49.64	26.245	0.03095	0
"2014-08-07	08:00:00"	7.7	174.4	8.85	11.74	5.906	174.7	11.19	9.35	74.61	74.57	0.041	53.55	52	26.246	33.51	0
"2014-08-07	09:00:00"	6.259	201.7	19.66	9.95	5.073	203.2	21.23	8.16	75.54	75.87	-0.333	54.09	52.08	26.25	183.25	0
"2014-08-07	10:00:00"	7.771	203.9	15.43	11.74	6.342	205.3	17.91	10.54	79.89	80.7	-0.848	47.64	44.92	26.253	402.49	0
"2014-08-07	11:00:00"	5.858	204.3	23.7	11.14	5.025	205.4	32.08	9.95	83.9	84.9	-0.992	41.12	38.45	26.246	601.1	0
"2014-08-07	12:00:00"	4.216	175.3	47.88	9.35	3.873	171.9	48.89	8.75	87.6	88.7	-1.041	36.71	34.25	26.246	773.32	0
"2014-08-07	13:00:00"	4.962	147.4	49.54	12.93	4.336	148	50.4	11.14	90.6	92	-1.309	33.24	30.55	26.239	890.34	0
"2014-08-07	14:00:00"	7.31	180.7	34.62	15.91	6.248	184.4	39.29	13.52	93.2	95.2	-1.939	28.24	25.24	26.222	965.95	0
"2014-08-07	15:00:00"	8.96	160	32.21	20.09	7.511	160.9	33.74	17.1	94.9	96.9	-2.07	25.31	22.29	26.199	855.88	0
"2014-08-07	16:00:00"	11.07	154.6	23.14	22.47	9.15	155.7	25.75	18.3	95.4	97.3	-1.896	24.92	21.96	26.179	757.42	0
"2014-08-07	17:00:00"	14.2	166.7	22.79	26.65	11.46	167.2	25.77	21.28	96.2	98.5	-2.278	24.72	21.56	26.157	836.02	0
"2014-08-07	18:00:00"	13.13	159.2	19.25	23.07	10.7	159.8	20.61	20.09	96.1	97.7	-1.58	23.48	20.74	26.148	500.39	0
"2014-08-07	19:00:00"	15.13	168.2	10.82	24.26	12.21	168.4	12.97	21.87	95.9	97.2	-1.33	23.12	20.52	26.139	366.19	0
"2014-08-07	20:00:00"	12.38	162.1	10.8	18.89	9.93	161.5	12.14	15.31	94.4	94.8	-0.403	23.68	21.59	26.143	41.667	0
"2014-08-07	21:00:00"	12.28	177.8	77.03	31.42	9.4	179	77.95	25.45	90.6	90.6	-0.037	29.19	27.26	26.165	4.692	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-08-07	22:00:00"	12.29	359.2	23.16	34.4	9.33	359.9	25.07	28.43	82.5	82.6	-0.082	43.81	41.73	26.189	0	0
"2014-08-07	23:00:00"	6.59	52.16	21.46	9.95	4.975	56.52	23.25	8.16	80	79.97	0.05	48.87	47.01	26.209	0	0
"2014-08-08	00:00:00"	4.055	22.77	39.99	7.561	2.788	12.58	47.93	5.771	79.55	78.92	0.628	48.91	48.17	26.232	0	0
"2014-08-08	01:00:00"	3.378	269.6	98.6	6.368	1.917	38.43	80.8	3.982	80.2	79.04	1.194	47.84	48.13	26.238	0	0
"2014-08-08	02:00:00"	3.857	191.5	61.74	7.561	2.477	168.8	89.9	6.368	80.9	79.62	1.233	43.03	43.51	26.244	0	0
"2014-08-08	03:00:00"	5.29	99.8	87.8	9.95	4.06	68.57	77.64	7.561	78.47	77	1.476	44.82	45.25	26.251	0	0
"2014-08-08	04:00:00"	6.758	26.71	17.59	8.75	5.004	28.62	22.34	7.561	72.35	71.86	0.495	58.86	58.1	26.246	0	0
"2014-08-08	05:00:00"	6.467	34.4	8.9	8.75	4.859	31.17	11.86	7.561	71.62	70.95	0.671	60.43	60.2	26.243	0	0
"2014-08-08	06:00:00"	6.974	50.84	11.51	9.35	4.845	50.05	15.6	7.561	70.99	70.45	0.541	61	60.52	26.244	0	0
"2014-08-08	07:00:00"	7.958	62.8	7.959	9.95	5.014	64.43	11.19	6.964	69.46	68.84	0.617	63.14	62.94	26.247	0.04763	0
"2014-08-08	08:00:00"	7.79	62.26	10.34	11.14	5.465	64.51	13.02	8.75	69.21	68.87	0.347	63.17	62.57	26.258	35.605	0
"2014-08-08	09:00:00"	8.26	90	11.51	10.54	6.664	90.6	12.85	9.95	73.27	73.61	-0.333	56.24	54.51	26.268	209.8	0
"2014-08-08	10:00:00"	11.23	133.3	18.96	18.3	8.96	135.4	19.21	14.72	79.74	80.6	-0.892	43.64	40.96	26.275	418.55	0
"2014-08-08	11:00:00"	10.41	149.5	13.14	17.1	8.61	150.4	13.45	12.93	82.2	83.4	-1.248	40.22	37.38	26.277	505.11	0
"2014-08-08	12:00:00"	10	154.9	15.94	17.1	8.33	155.6	17.03	16.51	86	87.5	-1.537	36.29	33.44	26.279	773.25	0
"2014-08-08	13:00:00"	12.16	156.6	18.43	22.47	9.86	157.2	19.76	18.89	89.2	91.4	-2.144	31.53	28.29	26.269	910.19	0
"2014-08-08	14:00:00"	13.36	158.9	20.08	32.01	10.79	159.9	20.89	26.65	90.8	93.1	-2.367	29.02	25.7	26.257	970.71	0
"2014-08-08	15:00:00"	14.25	161	19.13	26.65	11.64	160.9	20.45	21.28	92.2	94.7	-2.546	24.37	21.11	26.242	979.86	0
"2014-08-08	16:00:00"	14.1	171.1	20.36	27.24	11.35	171.4	22.89	23.66	92.6	95	-2.395	23.47	20.32	26.227	892.54	0
"2014-08-08	17:00:00"	12.95	171.3	18.19	25.45	10.49	171.5	20.81	22.47	93.2	95.5	-2.244	23.08	20.03	26.205	826.16	0
"2014-08-08	18:00:00"	10.35	167.2	20.78	19.49	8.45	166.7	22.88	16.51	93.2	94.9	-1.789	22.65	19.86	26.188	606.65	0
"2014-08-08	19:00:00"	9.55	166.8	27.84	19.49	7.886	167.1	31.25	17.1	93.4	94.7	-1.312	22.33	19.79	26.182	418.7	0
"2014-08-08	20:00:00"	12.53	160.6	18.87	23.66	9.94	160.9	19.85	17.7	92.8	93.5	-0.762	25.62	23.33	26.178	195.79	0
"2014-08-08	21:00:00"	9.58	148.2	9.54	15.31	7.53	148.3	10.46	12.93	90.9	90.9	-0.02	27.45	25.65	26.189	18.66	0
"2014-08-08	22:00:00"	9.48	142.9	7.211	13.52	7.197	143.8	7.922	12.93	88.1	87.8	0.271	29.89	28.35	26.21	0	0
"2014-08-08	23:00:00"	9.48	152.7	8.56	13.52	7.461	152.3	9.18	12.93	86.2	85.9	0.248	30.68	29.2	26.231	0	0
"2014-08-09	00:00:00"	8.66	162.4	9.65	12.93	6.882	161.9	10.73	11.14	84.8	84.7	0.118	31.35	29.8	26.242	0	0
"2014-08-09	01:00:00"	11.25	169.8	8.05	18.3	8.78	170	10.01	15.31	83.9	83.8	0.09	32.92	31.33	26.25	0	0
"2014-08-09	02:00:00"	14.06	179.1	8.25	22.47	10.93	178.8	11.44	17.7	83.7	83.6	0.067	34.57	33	26.249	0	0
"2014-08-09	03:00:00"	6.392	182.2	43.41	15.31	4.88	186.9	46.57	11.74	81.9	81.8	0.119	36.87	35.38	26.255	0	0
"2014-08-09	04:00:00"	6.939	112.8	42.76	15.91	5.29	114.1	39.54	13.52	81	80.4	0.644	38.15	37.22	26.261	0	0
"2014-08-09	05:00:00"	6.31	64.01	16.47	11.74	4.587	62.86	16.59	8.16	77.05	76.69	0.361	48.88	47.48	26.264	0	0
"2014-08-09	06:00:00"	7.119	61.17	10.36	9.95	5.036	61.06	12.61	7.561	72.6	72.36	0.243	59.39	58.06	26.27	0	0
"2014-08-09	07:00:00"	9.02	84.9	8.23	12.93	6.377	84	9.67	9.35	70	69.77	0.224	62.23	61.2	26.275	0.03192	0
"2014-08-09	08:00:00"	10.02	90.8	6.574	12.93	7.457	90.7	7.533	10.54	70.1	69.96	0.138	59.46	58.3	26.282	34.075	0
"2014-08-09	09:00:00"	8.82	97.2	12.29	12.93	7.23	98	14.67	11.14	73.63	74	-0.369	56.48	54.46	26.294	204.77	0
"2014-08-09	10:00:00"	10.83	150.9	17.37	17.7	8.71	151.8	18.27	14.12	77.05	78.01	-0.967	54.97	51.92	26.304	408.61	0
"2014-08-09	11:00:00"	12.33	157.7	12.78	20.09	10.19	157	13.69	17.7	80.6	81.9	-1.372	50.45	46.78	26.302	611.32	0
"2014-08-09	12:00:00"	12.4	166	17.32	19.49	10.06	166.3	19.01	17.7	85	86.9	-1.866	40.74	37.2	26.303	781.07	0
"2014-08-09	13:00:00"	11.49	171.5	17.62	18.89	9.5	172	19.85	17.1	87.2	89.3	-2.133	35.96	32.54	26.3	898.58	0
"2014-08-09	14:00:00"	12.14	168.9	20.09	21.28	9.89	170	23.26	20.09	89.5	91.8	-2.324	30.49	27.13	26.283	970.9	0
"2014-08-09	15:00:00"	12.04	147.6	27.94	24.86	9.9	148.6	28.78	23.07	91.3	93.7	-2.459	26.33	23.04	26.263	950.27	0
"2014-08-09	16:00:00"	11.98	150.1	23.38	24.26	9.97	151	25.24	20.09	92.3	94.4	-2.044	23.91	20.93	26.251	793.87	0
"2014-08-09	17:00:00"	11.57	154.8	32.63	20.68	9.43	155.2	33.88	18.89	93	95.1	-2.068	22.33	19.39	26.229	789.78	0
"2014-08-09	18:00:00"	10.54	165.7	18.33	21.28	8.6	166.3	20.5	17.7	93	94.4	-1.413	21.68	19.1	26.22	387.54	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-09	19:00:00"	9.87	165.1	19.35	18.89	8.13	165.7	22.03	16.51	93.1	94.2	-1.079	21.47	19.07	26.214	331.69	0
"2014-08-09	20:00:00"	11.26	158.1	14.27	19.49	9.06	157.9	15.2	18.3	92.4	92.9	-0.49	22.22	20.1	26.213	126.6	0
"2014-08-09	21:00:00"	8.01	258.8	45.14	15.91	6.066	263.4	46.78	14.12	88.9	88.8	0.114	29.14	27.43	26.229	11.068	0
"2014-08-09	22:00:00"	8.58	309.6	14.54	15.31	5.175	313.7	15.72	11.14	84.8	84.4	0.373	36.55	35.15	26.258	0	0
"2014-08-09	23:00:00"	6.683	330.4	7.834	8.75	3.943	332.5	10.62	5.771	81.7	80.2	1.499	40.91	40.33	26.28	0	0
"2014-08-10	00:00:00"	5.54	313	74.44	10.54	3.47	308.3	76.22	8.16	80.8	79.27	1.53	44.61	44.26	26.296	0	0
"2014-08-10	01:00:00"	5.687	148.6	19.78	9.95	4.035	150.1	22.68	9.35	78.91	78.34	0.569	44.8	43.73	26.306	0	0
"2014-08-10	02:00:00"	10.28	170.8	14.72	16.51	7.83	170.3	16.7	13.52	78.42	78.14	0.28	46.56	45.14	26.307	0	0
"2014-08-10	03:00:00"	8.85	176.9	9.77	14.12	6.78	176.7	13.11	11.14	77.04	76.82	0.219	49.54	48.11	26.301	0	0
"2014-08-10	04:00:00"	8.77	173.7	8.23	12.93	6.668	172.6	10.24	9.95	75.58	75.35	0.231	52.91	51.57	26.298	0	0
"2014-08-10	05:00:00"	9	171.5	7.279	12.33	6.818	170.3	9.12	10.54	74.2	73.98	0.217	56.97	55.67	26.301	0	0
"2014-08-10	06:00:00"	8.87	167.5	8.13	12.33	6.85	167.2	9.57	10.54	73.3	73.04	0.259	60.58	59.48	26.306	0	0
"2014-08-10	07:00:00"	8.35	170.1	7.53	11.14	6.255	169.1	9.52	9.95	73.05	72.68	0.378	61.9	61.07	26.316	0.04197	0
"2014-08-10	08:00:00"	7.825	169.9	8.17	12.33	5.916	169.1	9.92	9.95	72.68	72.39	0.291	62.49	61.63	26.333	33.356	0
"2014-08-10	09:00:00"	8.03	168	10.33	15.31	6.439	168.4	12.12	12.33	74.39	74.74	-0.347	60.41	58.49	26.346	201.48	0
"2014-08-10	10:00:00"	10.08	176.6	9.5	13.52	8.08	176	13.26	11.74	77.13	78.19	-1.059	56	52.88	26.359	406.15	0
"2014-08-10	11:00:00"	12.46	177.4	11.32	20.68	9.99	177.3	14.83	18.89	80.5	82.1	-1.589	47.68	43.84	26.36	605.67	0
"2014-08-10	12:00:00"	11.53	173.9	20.46	20.68	9.42	173.3	23.82	17.7	82.8	84.7	-1.894	41.1	37.45	26.365	776.09	0
"2014-08-10	13:00:00"	10.16	159.3	25.61	20.68	8.44	159.6	26.45	16.51	84.7	86.7	-2.031	36.67	33.31	26.367	892.15	0
"2014-08-10	14:00:00"	8.62	139.9	35.87	17.7	7.219	140.3	38.86	17.1	86.8	88.6	-1.845	33.41	30.28	26.359	953.03	0
"2014-08-10	15:00:00"	9.54	136.7	34.47	20.68	7.903	139.2	36.14	17.7	88.8	90.9	-2.076	29.67	26.49	26.341	895.03	0
"2014-08-10	16:00:00"	9.93	107.2	30.27	18.89	8.22	109.7	31.68	16.51	89.8	91.7	-1.883	27.91	24.88	26.327	699.58	0
"2014-08-10	17:00:00"	10.57	103.5	18.39	23.07	8.83	105.9	22.82	18.3	90.5	92.4	-1.883	26.8	23.82	26.307	738.46	0
"2014-08-10	18:00:00"	12.08	94.9	19.88	23.66	9.92	97	22.16	19.49	91.1	92.8	-1.635	25.5	22.69	26.28	504.66	0
"2014-08-10	19:00:00"	11.77	100.7	14.74	20.09	9.58	103	15.91	18.3	91.3	92.4	-1.159	25.55	23.02	26.269	367.73	0
"2014-08-10	20:00:00"	13.18	98.5	11.55	20.68	10.51	100.4	12.94	17.1	90.5	91.1	-0.547	25.87	23.73	26.274	134.95	0
"2014-08-10	21:00:00"	15.81	131.6	16.12	23.07	12.41	132.7	16.5	19.49	87.6	87.7	-0.148	32.72	30.83	26.289	17.27	0
"2014-08-10	22:00:00"	12.2	136.9	7.491	21.87	9.52	138.4	8.52	17.7	84.4	84.4	0.024	40.14	38.41	26.317	0	0
"2014-08-10	23:00:00"	8.61	78.73	38.61	14.12	6.485	79.64	38.17	11.74	82.4	82.2	0.133	41.83	40.05	26.353	0	0
"2014-08-11	00:00:00"	8.96	79.78	13.39	13.52	6.644	82.3	14.18	11.14	80.4	80.2	0.125	48.52	46.87	26.38	0	0
"2014-08-11	01:00:00"	10.51	102.8	8.68	15.31	8.35	104.7	10.24	11.74	79.62	79.6	0.014	47.59	45.81	26.397	0	0
"2014-08-11	02:00:00"	9.6	98.1	7.018	14.12	7.382	99.7	8.96	11.74	77.68	77.59	0.091	52.82	51.2	26.396	0	0
"2014-08-11	03:00:00"	6.947	93.9	8.27	10.54	4.802	90.2	9.99	8.16	75.08	74.61	0.466	57.38	56.48	26.388	0	0
"2014-08-11	04:00:00"	6.995	78.13	11.77	8.75	4.211	71.14	13.38	6.368	72.73	71.74	0.995	60.47	60.57	26.386	0	0
"2014-08-11	05:00:00"	12.34	30.76	6.956	20.68	9.55	32.76	11.24	17.7	71.93	72.02	-0.097	63.05	61.42	26.403	0	0
"2014-08-11	06:00:00"	16.28	29.86	7.74	23.66	12.78	32.19	11.57	20.68	71.39	71.56	-0.163	66.17	64.42	26.413	0	0
"2014-08-11	07:00:00"	14.75	25.84	6.781	23.07	11.58	28.05	11.94	17.7	69.39	69.6	-0.207	74.12	72.39	26.42	0.00364	0
"2014-08-11	08:00:00"	14.46	25.26	6.756	19.49	11.41	27.14	11.63	17.1	68.27	68.54	-0.273	75.99	74.19	26.434	33.571	0
"2014-08-11	09:00:00"	16.6	32.86	7.652	23.66	13.19	35.17	11.72	20.68	69.35	69.8	-0.449	70.89	68.8	26.439	120.09	0
"2014-08-11	10:00:00"	17.92	36.45	9.61	24.86	14.22	38.9	13.02	21.87	71.24	72.35	-1.116	69.32	65.96	26.447	374.35	0
"2014-08-11	11:00:00"	15.41	50.94	13.73	21.87	12.35	53.46	15.92	19.49	74.71	76.39	-1.677	63.03	58.73	26.45	596.53	0
"2014-08-11	12:00:00"	11.87	73.18	16.45	20.68	9.62	75.73	18.61	19.49	78.69	80.5	-1.78	52.37	48.08	26.454	603.23	0
"2014-08-11	13:00:00"	10.37	84.9	22.12	16.51	8.64	87.5	23.94	15.91	81.7	83.6	-1.91	45.77	41.51	26.449	788.64	0
"2014-08-11	14:00:00"	7.913	68.36	36.52	16.51	6.665	71.72	39.7	14.12	83.9	86	-2.11	41.2	37.29	26.429	938.63	0
"2014-08-11	15:00:00"	10.71	61.74	20.86	20.68	8.75	64.64	24.86	17.7	85.1	87.2	-2.069	39.42	35.81	26.409	633.1	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-11	16:00:00"	11.23	74.32	19.26	19.49	9.34	76.79	21.69	18.3	86.5	89.2	-2.729	38.29	34.16	26.391	1008.6	0
"2014-08-11	17:00:00"	12.4	77.09	20.61	21.87	10.14	80.2	22.93	18.89	86.5	88.5	-1.949	38.08	34.63	26.37	561.72	0
"2014-08-11	18:00:00"	13.79	112.9	44.44	28.43	10.99	115.4	44.73	22.47	85.9	87.4	-1.483	38.57	35.51	26.361	301.46	0
"2014-08-11	19:00:00"	12.79	248	47.7	29.63	9.22	251.9	50.06	23.07	74.08	73.99	0.088	66.43	67.63	26.395	12.676	0.04
"2014-08-11	20:00:00"	10.81	309.3	14.5	16.51	6.59	313.9	15.85	12.33	71.13	71.06	0.063	77.4	78.5	26.384	23.991	0
"2014-08-11	21:00:00"	6.837	25.88	15.56	9.95	5.216	28.45	18.95	7.561	72.6	72.49	0.104	74.75	75.95	26.396	4.9232	0
"2014-08-11	22:00:00"	6.986	57.62	17.5	9.95	5.086	59.57	18.73	7.561	74.66	74.31	0.352	67.51	69.05	26.407	0	0
"2014-08-11	23:00:00"	7.042	82.3	8.09	9.95	5.251	82.3	9.05	8.75	75.14	74.85	0.29	64.25	64.79	26.424	0	0
"2014-08-12	00:00:00"	7.089	67.98	13.29	10.54	5.011	67.71	14.91	8.16	74.9	74.53	0.371	63.72	64.6	26.433	0	0
"2014-08-12	01:00:00"	7.785	75.16	7.232	11.74	5.75	76.68	9.68	9.35	74.05	73.78	0.274	64.93	64.98	26.437	0	0
"2014-08-12	02:00:00"	5.981	54.75	19.79	9.35	4.148	51.66	22.22	6.964	73.09	72.51	0.575	68.02	69.52	26.442	0	0
"2014-08-12	03:00:00"	5.557	45.97	10.91	7.561	3.774	46.62	15.9	6.368	71.6	71	0.605	71.38	72.76	26.434	0	0
"2014-08-12	04:00:00"	4.713	29.43	8.24	8.16	3.402	26.32	12.69	5.771	71.01	70.74	0.272	78.04	78.63	26.432	0	0
"2014-08-12	05:00:00"	3.593	351.5	40.82	5.175	2.598	347.8	33.74	4.578	70.9	70.5	0.4	78.05	79.87	26.434	0	0
"2014-08-12	06:00:00"	5.045	352.5	17.57	8.16	3.511	351.6	19.93	6.368	69.7	69.35	0.346	82.1	83.4	26.433	0	0
"2014-08-12	07:00:00"	6.615	28.78	12.02	9.95	4.921	31.83	13.45	8.16	69.35	69.13	0.219	78.25	78.69	26.438	0.01965	0
"2014-08-12	08:00:00"	7.146	46.03	11.21	9.95	5.39	47.14	13.1	8.16	68.97	68.83	0.138	78.16	77.97	26.448	27.604	0
"2014-08-12	09:00:00"	8.56	85.8	19.9	12.93	6.877	88	21.05	11.14	70.88	71.25	-0.365	72.94	71.51	26.46	119.53	0
"2014-08-12	10:00:00"	8.15	122.2	14.04	12.33	6.749	123.8	16.01	11.14	73.57	74.48	-0.907	65.81	63.27	26.468	423.97	0
"2014-08-12	11:00:00"	6.59	151.2	30.55	11.74	5.477	153.5	34.49	11.14	77.21	78.42	-1.207	56.11	52.95	26.464	599.89	0
"2014-08-12	12:00:00"	4.924	168.5	77.34	11.74	4.367	173.5	77.85	10.54	80.2	81.7	-1.474	50.9	47.34	26.457	878.97	0
"2014-08-12	13:00:00"	5.987	117.9	62.54	16.51	5.236	122.3	65.07	12.33	82.2	83.8	-1.682	45.3	41.44	26.443	989.43	0
"2014-08-12	14:00:00"	6.859	28.09	75.1	13.52	5.709	22.92	74.26	12.33	82.7	84.1	-1.35	45.04	42.05	26.424	311.83	0
"2014-08-12	15:00:00"	9.21	281.3	80.9	20.09	7.378	283.3	81	17.7	80.9	82	-1.123	51.64	49.22	26.408	468.82	0
"2014-08-12	16:00:00"	14.83	113	14.1	24.26	12.16	115.8	16.09	19.49	80.6	82.8	-2.207	49	44.53	26.391	823.15	0
"2014-08-12	17:00:00"	10.01	128.4	17.61	18.89	8.37	132	19.05	14.12	84.6	86.6	-1.973	40.95	37.22	26.363	723.39	0
"2014-08-12	18:00:00"	8.78	120.9	21.75	15.31	7.37	122.4	22.87	13.52	85.5	86.8	-1.303	40	37.06	26.34	357.45	0
"2014-08-12	19:00:00"	13.75	124.2	11.85	26.05	11.04	126.8	13.75	21.87	84.3	85.8	-1.482	43.39	39.7	26.337	325.07	0
"2014-08-12	20:00:00"	8.33	159.6	12.23	12.33	6.862	158.8	13.57	10.54	84.2	84.8	-0.532	43.18	40.61	26.335	41.308	0
"2014-08-12	21:00:00"	6.204	157.9	12.48	8.75	5.093	156.9	13.07	8.16	83.5	83.7	-0.2	45.48	43.36	26.34	4.9767	0
"2014-08-12	22:00:00"	6.393	116.3	14.51	9.95	4.845	115.5	16.23	8.16	81.9	81.9	0.007	48.69	46.96	26.363	0	0
"2014-08-12	23:00:00"	11	133.9	13.09	24.86	8.62	135.4	13.7	20.68	80.6	80.8	-0.133	51.57	49.68	26.386	0	0
"2014-08-13	00:00:00"	14.15	176.8	8.9	23.07	11.19	176.5	12.23	20.09	75.95	76.21	-0.265	64.05	62.18	26.401	0	0
"2014-08-13	01:00:00"	9.01	189.5	9.24	15.91	7.161	193.8	13.74	12.93	73.83	74.03	-0.192	68.71	67.03	26.402	0	0
"2014-08-13	02:00:00"	5.65	170.8	11.42	8.16	4.591	170.9	13.44	6.964	72.06	72.13	-0.068	72.35	70.93	26.398	0	0
"2014-08-13	03:00:00"	4.284	154.3	14.79	6.368	3.275	149.3	21.01	4.578	71.3	71.18	0.128	73.66	72.38	26.391	0	0
"2014-08-13	04:00:00"	5.113	98.1	18.79	6.964	2.81	69.3	37.68	4.578	69.69	68.07	1.628	76.68	76.5	26.383	0	0
"2014-08-13	05:00:00"	4.185	87.1	12.91	6.368	2.313	52.29	29.99	5.175	68.72	67.24	1.483	78.4	78.49	26.385	0	0
"2014-08-13	06:00:00"	4.349	77.06	22.57	6.368	2.295	45.39	46.73	3.982	68.63	66.47	2.16	79.11	80.6	26.39	0	0
"2014-08-13	07:00:00"	3.826	50.18	11.15	6.368	3.125	21.57	18.66	5.175	69.06	65.19	3.868	76.64	83.4	26.396	0.04984	0
"2014-08-13	08:00:00"	5.622	61.68	11.75	8.16	3.625	53.08	22.59	5.771	67.72	65.95	1.774	78.75	81.7	26.407	25.144	0
"2014-08-13	09:00:00"	7.509	89.2	17.32	16.51	5.931	88.6	19.05	12.93	69.2	69.51	-0.311	76.2	74.85	26.418	170.44	0
"2014-08-13	10:00:00"	11.77	144.5	15.7	17.7	9.54	145.4	16.69	15.91	74.68	75.6	-0.922	62.34	59.5	26.42	399.27	0
"2014-08-13	11:00:00"	12.86	164.2	11.84	18.89	10.5	163.8	14.1	16.51	77.25	78.69	-1.442	56.68	52.9	26.418	601.38	0
"2014-08-13	12:00:00"	11.23	167.6	18.07	17.7	9.23	167.4	19.99	14.72	79.73	81.7	-1.992	51.94	47.44	26.413	770.23	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-13	13:00:00"	10.59	160.6	21.91	18.89	8.82	161.4	23.28	15.31	82.4	84.6	-2.121	45.22	40.8	26.399	890.09	0	
"2014-08-13	14:00:00"	10.7	160.7	21.74	19.49	8.92	162.1	24	16.51	85.1	87.2	-2.131	37.82	34.3	26.383	931.8	0	
"2014-08-13	15:00:00"	11.9	150.9	23.56	21.87	9.97	151.4	23.65	18.3	87.3	89.5	-2.247	31.62	28.24	26.364	957.96	0	
"2014-08-13	16:00:00"	12.69	148.9	21.73	23.07	10.5	149.4	22.95	20.09	88.6	90.9	-2.292	27.43	24.17	26.342	893.05	0	
"2014-08-13	17:00:00"	12.42	140.6	24.29	25.45	10.2	141.1	25.26	20.68	89.4	91.5	-2.066	26.11	23.01	26.321	763.67	0	
"2014-08-13	18:00:00"	12.53	163	20.4	22.47	10.17	164.5	21.92	18.3	89.9	91.8	-1.905	25.54	22.57	26.31	552.23	0	
"2014-08-13	19:00:00"	12.03	149.2	19.13	21.87	9.68	150.1	19.89	18.3	90	91.4	-1.388	25.23	22.56	26.303	393.01	0	
"2014-08-13	20:00:00"	10.16	156.8	18.36	15.31	8.23	156.5	19.22	14.12	89.5	90.2	-0.713	26.26	24.01	26.3	176.08	0	
"2014-08-13	21:00:00"	10.16	156.9	16.31	17.1	8.08	157.3	16.74	14.12	88	88.1	-0.122	28.83	26.97	26.307	16.108	0	
"2014-08-13	22:00:00"	10.28	143.8	7.719	14.12	7.955	143.8	8.37	11.74	85.3	85.1	0.156	33.24	31.64	26.324	0	0	
"2014-08-13	23:00:00"	9.38	142.9	8.13	12.33	7.003	143.5	8.58	9.95	82.6	82.3	0.296	36.14	34.76	26.339	0	0	
"2014-08-14	00:00:00"	9.27	148.1	8.75	12.93	7.201	148.4	8.77	10.54	80.5	80.2	0.276	38.69	37.35	26.345	0	0	
"2014-08-14	01:00:00"	9.85	157	10.12	14.72	7.786	156.2	10.75	12.33	78.66	78.43	0.232	41.82	40.27	26.349	0	0	
"2014-08-14	02:00:00"	9.85	167.5	8.72	13.52	7.601	166.4	10.41	12.33	76.91	76.59	0.312	46.59	45.13	26.344	0	0	
"2014-08-14	03:00:00"	8.49	168	8.07	12.33	6.415	167.2	9.58	9.95	75.69	75.24	0.445	50.83	49.7	26.338	0	0	
"2014-08-14	04:00:00"	9.03	172	8.26	13.52	6.853	170.6	10.33	9.95	73.96	73.58	0.375	54.13	53.05	26.335	0	0	
"2014-08-14	05:00:00"	8.76	161.6	8.86	14.72	6.806	159	10.18	11.74	72.72	72.37	0.352	57.16	56.12	26.34	0	0	
"2014-08-14	06:00:00"	6.89	183.2	17.57	16.51	5.07	186.7	21.16	12.93	71.18	70.78	0.401	60.84	59.94	26.342	0	0	
"2014-08-14	07:00:00"	6.034	180.1	9.64	12.93	4.168	180	11.18	9.95	70.25	69.64	0.613	63.24	62.73	26.347	0.01811	0	
"2014-08-14	08:00:00"	8.45	176.4	11.53	13.52	6.36	175.7	14.02	9.95	70.04	69.67	0.37	64.48	63.75	26.36	30.543	0	
"2014-08-14	09:00:00"	10.46	173.4	8.05	17.1	8.02	173.5	11.02	15.31	72.45	72.72	-0.269	61.94	60.16	26.364	202.02	0	
"2014-08-14	10:00:00"	16.38	178.5	8.14	23.66	12.82	178	11.65	20.09	76.21	77.1	-0.887	54.31	51.37	26.367	412.34	0	
"2014-08-14	11:00:00"	17.45	179.3	10.3	24.26	13.75	179.4	13.91	20.68	79.6	81.1	-1.465	47.96	44.2	26.364	602.46	0	
"2014-08-14	12:00:00"	15.7	179.4	12.14	21.87	12.45	179.4	16.4	18.89	82.2	84.2	-2.012	41.34	37.46	26.358	786.82	0	
"2014-08-14	13:00:00"	15.11	169.6	14.79	26.05	12.24	169.9	17.52	21.87	85.2	87.5	-2.225	32.06	28.7	26.346	902.01	0	
"2014-08-14	14:00:00"	14.19	171	19.15	24.26	11.49	171.1	21.11	20.09	86.7	89	-2.366	27.76	24.47	26.326	928.98	0	
"2014-08-14	15:00:00"	11.58	170.4	25.18	21.28	9.5	169.8	26.77	18.3	87.9	90.2	-2.22	26.48	23.32	26.308	956.84	0	
"2014-08-14	16:00:00"	11.19	174	23.82	20.09	9.11	175.1	26.2	17.7	89.1	91.5	-2.418	24.7	21.5	26.288	936.37	0	
"2014-08-14	17:00:00"	11.97	164.6	20.67	21.28	9.76	164.2	22.61	18.3	90.2	92.3	-2.019	24.1	21.11	26.265	752.46	0	
"2014-08-14	18:00:00"	12.11	168	21.65	22.47	9.77	169.4	25.15	18.89	90.6	92.4	-1.723	24.57	21.73	26.251	531.89	0	
"2014-08-14	19:00:00"	11.71	176.7	11.45	20.68	9.34	176.7	14.89	17.1	90.5	91.5	-1.08	25.44	22.95	26.248	223.32	0	
"2014-08-14	20:00:00"	10.09	168.3	11.63	15.31	8.13	167.8	13.13	12.93	89.8	90.1	-0.383	26.18	24.14	26.244	94.827	0	
"2014-08-14	21:00:00"	8.32	165.7	10.25	12.93	6.556	164.4	11.43	9.95	87.7	87.6	0.064	28.44	26.73	26.246	12.498	0	
"2014-08-14	22:00:00"	9.27	147.5	8.76	12.93	7.147	147.2	9.04	10.54	85	84.7	0.274	28.48	27	26.255	0	0	
"2014-08-14	23:00:00"	8.92	155.1	9.81	12.93	7.003	154	9.86	10.54	83.3	83	0.268	28.95	27.45	26.267	0	0	
"2014-08-15	00:00:00"	5.852	201	32.25	9.95	4.41	205.3	35.66	8.16	81.2	80.8	0.419	31.21	29.88	26.279	0	0	
"2014-08-15	01:00:00"	6.357	197.5	15.47	9.95	4.789	196.2	14.67	7.561	80.3	79.83	0.437	32.64	31.37	26.287	0	0	
"2014-08-15	02:00:00"	7.193	187.1	10.11	11.14	5.395	187.3	12.9	8.16	78.5	78.06	0.444	34.39	33.2	26.279	0	0	
"2014-08-15	03:00:00"	6.801	185.5	8.32	9.95	4.937	188.2	12.6	8.16	76.84	76.37	0.476	36.45	35.36	26.267	0	0	
"2014-08-15	04:00:00"	6.99	180.8	8.72	11.14	5.209	180.6	11.67	9.95	75.71	75.25	0.464	37.68	36.6	26.263	0	0	
"2014-08-15	05:00:00"	7.648	173.2	8.51	10.54	5.673	173.8	10.77	9.35	74.18	73.72	0.462	39.89	38.75	26.265	0	0	
"2014-08-15	06:00:00"	9.3	163.5	9.98	12.93	7.273	163	11.4	11.74	72.92	72.6	0.319	43.76	42.34	26.266	0	0	
"2014-08-15	07:00:00"	10.01	159.8	9.56	16.51	7.864	158.5	10.58	12.93	72.95	72.68	0.263	46.71	45.3	26.272	0.00029	0	
"2014-08-15	08:00:00"	7.264	160.5	10.61	12.33	5.645	160.2	11.84	9.35	72.21	72.01	0.201	49.43	48.03	26.284	9.9236	0	
"2014-08-15	09:00:00"	5.338	167.4	12.8	8.16	4.367	168.4	16.02	7.561	72.62	72.68	-0.061	49.64	47.95	26.295	59.285	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-15	10:00:00"	8.33	179	10.93	14.12	6.672	179.1	14.62	11.74	75.05	75.59	-0.538	47.82	45.43	26.297	198.61	0
"2014-08-15	11:00:00"	10.82	182.7	11.34	15.91	8.63	182.4	14.72	12.93	79.6	80.7	-1.105	41.57	38.85	26.291	485.54	0
"2014-08-15	12:00:00"	10.13	189.1	18.88	16.51	8.3	189.3	23.27	14.72	84.8	86.6	-1.861	35.62	32.5	26.284	766.15	0
"2014-08-15	13:00:00"	9.11	214	18.93	18.3	7.538	217.4	22.55	14.12	87.9	89.5	-1.603	33.12	30.26	26.274	741.56	0
"2014-08-15	14:00:00"	9.73	215.1	29.05	18.3	8.06	216.9	32.83	18.3	90.1	92.4	-2.232	31.63	28.34	26.255	953.36	0
"2014-08-15	15:00:00"	8.56	199.4	37.93	19.49	7.084	200.1	40.18	16.51	91.8	93.6	-1.846	30.12	27.1	26.233	777.49	0
"2014-08-15	16:00:00"	8.41	195.2	39.73	17.7	6.919	196.6	42.57	14.72	92.7	94.4	-1.673	29.47	26.57	26.205	582.82	0
"2014-08-15	17:00:00"	11.68	202.9	38.3	28.43	9.6	204.1	39.77	24.26	88.3	88.6	-0.315	36.55	37.89	26.197	264.94	0.13
"2014-08-15	18:00:00"	11.02	184	54.2	22.47	8.65	185.7	55.14	21.28	85.9	85.7	0.194	43.48	46.08	26.197	340.84	0
"2014-08-15	19:00:00"	7.851	256.1	33.39	14.72	5.997	259.6	38.18	12.93	85.3	85	0.29	44.39	45.03	26.194	101.13	0
"2014-08-15	20:00:00"	6.138	331.3	35.13	13.52	4.448	336.9	32.6	11.74	84	83.4	0.623	47.41	49.61	26.19	65.233	0
"2014-08-15	21:00:00"	4.423	9.86	24.29	7.561	3.021	9.61	28.08	5.771	81.8	80.7	1.145	51.65	57.02	26.188	29.829	0
"2014-08-15	22:00:00"	5.127	331.5	28.05	9.35	2.651	7.287	26.76	5.771	82	78.7	3.312	49.92	61.41	26.204	0	0
"2014-08-15	23:00:00"	4.225	265.8	37.42	5.771	2.264	285.3	67.25	4.578	81.6	77.56	4.01	50.98	65.98	26.218	0	0
"2014-08-16	00:00:00"	6.239	344.1	25.85	12.93	4.185	358.4	19.47	9.95	80.4	76.95	3.407	53.04	65.11	26.226	0	0
"2014-08-16	01:00:00"	4.779	44.84	24.75	9.35	3.117	55.4	25.99	7.561	78.61	77.37	1.244	60.6	64.07	26.237	0	0
"2014-08-16	02:00:00"	6.572	63.38	14.65	9.95	4.374	63.85	17.15	6.964	76.1	75.29	0.816	69.38	71.73	26.244	0	0
"2014-08-16	03:00:00"	6.986	78.23	22.87	11.74	5.04	80.5	25.27	8.75	75.85	75.16	0.69	66.66	68.36	26.245	0	0
"2014-08-16	04:00:00"	4.253	85.6	36.93	6.964	3.096	74.68	37.82	5.175	74.18	72.7	1.48	67.17	72.39	26.231	0	0
"2014-08-16	05:00:00"	3.066	157.7	32.94	4.578	1.713	122.8	75.77	3.982	72.67	71.43	1.247	67.87	72.05	26.225	0	0
"2014-08-16	06:00:00"	2.774	225.3	88.9	5.175	2.619	34.97	76.84	3.982	72.74	69.29	3.447	67.95	78.48	26.224	0	0
"2014-08-16	07:00:00"	3.052	309.7	59.55	6.368	2.673	352.3	28.99	4.578	73.21	68.41	4.799	67.74	81.4	26.232	0	0
"2014-08-16	08:00:00"	5.959	331.6	52.69	14.12	3.937	347.1	55.81	10.54	72.99	70.72	2.263	70.01	78.21	26.25	4.2201	0
"2014-08-16	09:00:00"	8.12	49.24	92.4	23.66	6.14	39.83	92.7	17.7	72.86	71.57	1.286	65.52	69.9	26.283	23.147	0.15
"2014-08-16	10:00:00"	6.097	38.56	20.63	11.74	4.837	41.69	25.66	9.95	71.26	71.14	0.121	79.74	81.1	26.299	100.22	0
"2014-08-16	11:00:00"	5.368	66.84	21.33	8.16	4.417	70.59	21.49	6.964	73.65	73.81	-0.16	75.65	76.13	26.296	209.45	0
"2014-08-16	12:00:00"	5.904	67.04	22.03	9.95	5.066	72.84	23.16	9.35	78.59	79.49	-0.905	62.19	61.52	26.296	777.94	0
"2014-08-16	13:00:00"	3.869	104.1	93.5	8.75	3.456	116.7	95.7	7.561	82.7	83.6	-0.902	53.2	51.92	26.289	915.05	0
"2014-08-16	14:00:00"	3.877	233	73.19	7.561	3.424	236.4	74.09	6.964	85.6	86.6	-1.073	45.59	43.74	26.275	876.09	0
"2014-08-16	15:00:00"	4.614	278.7	77.11	8.75	4.171	280.3	78.8	9.35	88	89.4	-1.406	39.63	37.51	26.256	948.99	0
"2014-08-16	16:00:00"	4.71	356.3	94.5	10.54	4.222	23.48	92	9.95	90.2	91.2	-0.986	34.13	32.31	26.234	576.22	0
"2014-08-16	17:00:00"	11.36	122.9	39.21	23.66	9.38	124.7	39.9	19.49	87.7	88.7	-0.993	39.08	36.95	26.228	328.91	0
"2014-08-16	18:00:00"	8.51	161.3	13.47	14.72	7.173	160.4	15.28	14.72	86.6	87.6	-1.007	40.45	38.4	26.218	427.09	0
"2014-08-16	19:00:00"	6.113	170.4	27.11	10.54	5.167	170.3	28.44	9.95	88.2	88.9	-0.623	37.29	35.59	26.203	275.51	0
"2014-08-16	20:00:00"	4.676	184.9	14.41	7.561	3.753	185.6	16.66	6.368	87.3	87.5	-0.11	41.97	41	26.203	64.859	0
"2014-08-16	21:00:00"	1.962	70.15	61.88	4.578	2.137	84.5	76.38	3.982	86.5	84.9	1.604	44.27	52.25	26.224	7.4621	0
"2014-08-16	22:00:00"	8.23	110.9	79.54	23.66	6.264	107.5	86.7	20.09	83.2	81.7	1.453	50.59	57.57	26.244	0	0
"2014-08-16	23:00:00"	6.352	209.7	17.65	11.14	5.028	211.6	19.2	9.35	78.84	78.65	0.189	57.02	56.34	26.274	0	0
"2014-08-17	00:00:00"	5.672	236.6	11.65	11.74	4.618	242.9	13.91	9.95	77.43	77.2	0.226	59.49	58.93	26.284	0	0
"2014-08-17	01:00:00"	5.968	261.8	50.52	9.95	4.527	269.3	53.86	8.16	75	74.49	0.501	65.29	65.61	26.278	0	0
"2014-08-17	02:00:00"	9.17	349	10.61	12.33	6.02	349.5	11.26	10.54	73.17	71.9	1.273	68.73	71.59	26.269	0	0
"2014-08-17	03:00:00"	10.54	331.7	7.608	15.91	7.351	333.6	9.61	11.74	75.15	74.16	0.995	61.17	62.5	26.261	0	0
"2014-08-17	04:00:00"	12.13	345.1	18.09	19.49	8.86	345.5	17.54	15.31	73.41	72.8	0.614	60.7	61.05	26.25	0	0
"2014-08-17	05:00:00"	9.4	13.42	7.709	12.33	6.632	12.91	11.74	9.95	70.79	70.06	0.73	63.41	64.47	26.257	0	0
"2014-08-17	06:00:00"	10.73	23.69	6.292	14.12	7.857	26.12	11.04	11.74	69.75	69.32	0.429	66.31	66.7	26.265	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-17	07:00:00"	8.54	60.43	18.88	13.52	6.165	64.53	20.71	11.74	68.97	68.64	0.337	68.64	68.78	26.283	0
"2014-08-17	08:00:00"	5.99	84.9	16.11	9.95	4.085	82.6	19.51	7.561	67.83	67.53	0.306	72.46	73.09	26.298	31.863
"2014-08-17	09:00:00"	3.721	106	47.8	8.16	3.06	109.5	51.34	6.368	70.93	71.16	-0.23	68.89	67.84	26.306	201.68
"2014-08-17	10:00:00"	3.911	166.9	31.41	8.16	3.353	165.2	33.27	7.561	74.9	75.3	-0.403	62.34	60.64	26.315	389.97
"2014-08-17	11:00:00"	7.374	175.4	23.02	13.52	6.105	176.2	24.14	11.74	77.33	78.33	-1	58.11	55.47	26.315	523.64
"2014-08-17	12:00:00"	5.604	188.2	52.71	11.14	4.871	190.1	55.45	10.54	79.73	80.9	-1.138	52.07	49.12	26.318	774.83
"2014-08-17	13:00:00"	3.761	341.5	98.4	8.16	3.46	289.7	100.8	7.561	82.1	83.3	-1.246	47.73	44.56	26.305	871.25
"2014-08-17	14:00:00"	4.163	187.5	71.25	9.95	3.792	190.8	72.22	8.16	85.1	86.5	-1.336	43.32	40.19	26.287	937.06
"2014-08-17	15:00:00"	5.57	83.3	81.7	16.51	4.86	81.2	83	17.7	88.1	89.6	-1.557	37.72	34.88	26.265	860.05
"2014-08-17	16:00:00"	6.888	40.45	51.22	18.3	5.89	41.95	53.83	16.51	89.1	90.6	-1.499	33.41	30.76	26.241	522.12
"2014-08-17	17:00:00"	7.913	51.56	36.76	18.3	6.526	51.27	40.83	14.72	90.8	92.4	-1.613	29.08	26.51	26.211	656.46
"2014-08-17	18:00:00"	10.44	59.95	15.61	18.3	8.35	62.66	18.48	15.91	91.7	93.1	-1.333	26.75	24.33	26.194	388.59
"2014-08-17	19:00:00"	17.16	156.5	33.99	30.82	13.68	155.8	33.21	25.45	82.5	83.5	-0.914	46.06	43.31	26.212	142.81
"2014-08-17	20:00:00"	11.06	156.4	17.26	17.7	8.97	155.6	17.63	15.91	78.97	79.74	-0.766	53.16	50.53	26.23	103.62
"2014-08-17	21:00:00"	9.88	158.7	12.65	14.72	8.09	158.3	13.45	12.93	77.12	77.6	-0.479	56.58	54.41	26.239	26.016
"2014-08-17	22:00:00"	7.345	172.2	12.58	12.33	5.947	173	14.41	11.14	74.34	74.57	-0.23	63.88	62.27	26.257	0
"2014-08-17	23:00:00"	4.838	196.8	14.26	8.16	3.945	196.9	14.6	6.368	73.27	73.25	0.02	65.69	64.59	26.278	0
"2014-08-18	00:00:00"	4.804	199.2	22.72	8.16	3.79	200.7	24.64	6.368	72.79	72.67	0.119	66.74	65.91	26.287	0
"2014-08-18	01:00:00"	4.535	230.6	16.98	7.561	3.867	233.1	21.69	6.964	72.35	72.19	0.158	69.51	68.63	26.282	0
"2014-08-18	02:00:00"	4.462	270	13.67	7.561	3.061	285.8	26.1	5.175	71.53	70.6	0.927	72.9	73.54	26.276	0
"2014-08-18	03:00:00"	2.85	33.38	58.47	5.175	2.552	56.38	28.39	4.578	69.37	66.86	2.507	77.21	81	26.268	0
"2014-08-18	04:00:00"	5.742	26.72	8.62	7.561	3.733	21.4	13	5.771	66.75	64.64	2.108	82.1	85.1	26.254	0
"2014-08-18	05:00:00"	6.088	55.79	16.47	8.16	3.885	53.49	22.25	5.771	66.57	64.54	2.027	81.3	84.1	26.247	0
"2014-08-18	06:00:00"	6.552	59.88	6.67	8.16	3.854	54.93	11.05	5.771	66.06	64.44	1.618	79.9	82.3	26.242	0
"2014-08-18	07:00:00"	7.189	77.02	5.281	8.75	4.159	67.48	10.93	6.368	64.19	63.15	1.043	83.5	84.8	26.251	0.00364
"2014-08-18	08:00:00"	6.629	76.56	9.54	8.16	3.674	64.01	12.86	5.771	65.06	63.76	1.298	79.85	82.4	26.257	26.895
"2014-08-18	09:00:00"	5.129	89.6	10.09	6.964	4.059	85.5	12.55	6.368	68.36	68.57	-0.203	77.36	76.37	26.265	188.3
"2014-08-18	10:00:00"	6.38	105	17.37	9.95	5.38	106.2	19.12	8.75	73.45	74.15	-0.698	66.04	63.87	26.268	406.59
"2014-08-18	11:00:00"	5.985	121.8	27.36	9.95	5.011	123	29.74	8.75	76.38	77.35	-0.967	60.12	57.32	26.273	537.82
"2014-08-18	12:00:00"	4.454	154.8	70.29	10.54	3.85	162.5	73.01	8.16	78.45	79.57	-1.118	55.91	52.83	26.272	762.74
"2014-08-18	13:00:00"	4.956	181.8	71.06	14.12	4.319	185.6	77.72	10.54	81.3	82.8	-1.456	51.25	47.64	26.262	915.4
"2014-08-18	14:00:00"	4.414	46.23	75.07	11.74	3.846	49.09	73.88	11.74	83.9	85.6	-1.63	45.78	41.95	26.245	875.92
"2014-08-18	15:00:00"	5.819	141	71.22	14.12	5.06	142.6	72.32	12.33	85.4	87.1	-1.682	40.59	37.24	26.216	901.99
"2014-08-18	16:00:00"	5.429	62.28	69.81	15.31	4.608	70.68	74.15	14.72	87.4	89.1	-1.692	36.05	33.05	26.188	714.75
"2014-08-18	17:00:00"	7.285	67.01	46.91	14.12	6.137	68.25	49.81	14.12	88.4	90.2	-1.77	33.81	30.79	26.168	728.51
"2014-08-18	18:00:00"	6.76	29.25	39.96	12.33	5.747	30.29	44.93	12.93	89.5	91.2	-1.759	31.25	28.32	26.15	539.46
"2014-08-18	19:00:00"	4.815	66.74	40.64	11.74	3.987	69.19	42.45	11.14	89.3	90	-0.763	30.08	27.83	26.144	183.81
"2014-08-18	20:00:00"	4.063	127.1	59.75	17.7	3.192	129.1	56.95	13.52	88.6	88.9	-0.234	33.62	31.84	26.138	85.341
"2014-08-18	21:00:00"	16.49	109.7	8.17	27.84	12.86	111.7	10.94	21.87	82.7	83	-0.255	52.5	50.36	26.152	16.792
"2014-08-18	22:00:00"	12.73	122.6	9.74	18.3	9.68	125.6	11.45	15.91	80.5	80.5	-0.053	56.25	54.6	26.18	0
"2014-08-18	23:00:00"	11.16	124.5	7.26	16.51	8.41	127.6	9.7	12.93	78.23	78.2	0.027	60.26	58.87	26.203	0
"2014-08-19	00:00:00"	10.97	132.9	9.39	18.89	8.52	134.8	10.61	14.72	75.96	75.96	-0.009	63.69	62.36	26.209	0
"2014-08-19	01:00:00"	8.18	132.8	16.64	15.31	6.378	131.3	20.88	13.52	73.34	73.34	-0.005	66.23	64.97	26.205	0
"2014-08-19	02:00:00"	4.679	114.1	21.32	6.368	2.954	103	30.28	5.175	71.2	70.72	0.478	71.31	70.8	26.198	0
"2014-08-19	03:00:00"	5.713	98.9	5.869	7.561	3.412	87.7	8.85	4.578	69.11	68.44	0.672	77.19	77.25	26.188	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-19	04:00:00"	5.167	91.5	8.03	7.561	3.176	77.35	10.89	5.175	68.37	67.74	0.632	79.53	79.68	26.181	0	0
"2014-08-19	05:00:00"	4.919	87.5	6.761	6.964	2.923	73.73	10.07	4.578	67.7	66.98	0.711	81.4	81.4	26.177	0	0
"2014-08-19	06:00:00"	6.015	75.32	5.653	8.16	3.721	70.43	9.86	5.771	65.93	65.5	0.424	84.7	84.4	26.182	0	0
"2014-08-19	07:00:00"	5.727	64.67	10.42	7.561	3.685	60.29	13.93	5.771	65.61	65.17	0.441	85.1	84.8	26.184	0	0
"2014-08-19	08:00:00"	6.978	73.18	11.72	9.35	4.738	74.73	13.47	7.561	64.08	64.07	0.018	86.4	85.7	26.195	22.893	0
"2014-08-19	09:00:00"	8.22	114.7	18.95	15.31	6.662	116.2	20	11.14	67.07	67.5	-0.432	82.7	80.8	26.189	182.52	0
"2014-08-19	10:00:00"	9.83	150.9	12.42	14.72	8.11	151.6	13.58	11.74	71.03	71.93	-0.903	74.08	71.27	26.186	388.25	0
"2014-08-19	11:00:00"	8.46	157.8	15.71	12.93	7.146	157.8	16.48	12.93	74.57	75.81	-1.246	67.51	64.09	26.185	589.11	0
"2014-08-19	12:00:00"	7.636	162.1	19.36	12.33	6.369	162.4	21.79	10.54	79.08	80.5	-1.455	58.55	54.81	26.184	758.34	0
"2014-08-19	13:00:00"	8.68	166.2	20.36	17.7	7.311	167.3	22.24	15.31	83.4	85.2	-1.791	49.36	45.31	26.176	872.32	0
"2014-08-19	14:00:00"	8.97	190.4	36.11	18.3	7.506	190.6	41.02	15.31	86.4	88.2	-1.88	41.65	38.02	26.157	873	0
"2014-08-19	15:00:00"	8.17	180.6	41.06	19.49	6.671	181	44.61	15.91	87.9	89	-1.105	35.19	32.69	26.138	317.31	0
"2014-08-19	16:00:00"	9.48	195.1	33.63	24.26	7.794	196.6	39.47	17.7	89.7	91.3	-1.645	32.38	29.54	26.111	791.04	0
"2014-08-19	17:00:00"	9.59	179.9	22.07	18.3	7.962	179.3	25.75	15.31	90.6	92.4	-1.81	31.41	28.46	26.088	745.31	0
"2014-08-19	18:00:00"	8.82	169.2	27.26	19.49	7.34	169.7	30.46	15.91	91.2	92.6	-1.386	29.31	26.7	26.071	501.55	0
"2014-08-19	19:00:00"	10.63	185	25.15	17.1	8.63	185.5	28.73	15.31	91.5	92.7	-1.123	28.49	26.05	26.06	376.35	0
"2014-08-19	20:00:00"	12.8	175.3	13.49	22.47	10.13	175	16.18	20.09	90.4	91	-0.565	30.94	28.87	26.059	153.51	0
"2014-08-19	21:00:00"	15.97	157.1	9.96	24.86	13.03	156	10.93	20.68	87.2	87.2	-0.07	36.7	35.03	26.082	14.11	0
"2014-08-19	22:00:00"	16.48	167.4	9.85	29.63	12.98	166.1	11.31	24.86	84.1	84	0.065	42.97	41.39	26.112	0	0
"2014-08-19	23:00:00"	15.67	170.6	6.875	23.07	12.32	170.2	9.7	18.89	81.4	81.3	0.072	50.12	48.56	26.138	0	0
"2014-08-20	00:00:00"	14.38	169.1	8	21.28	11.32	168	10.21	17.1	79.81	79.72	0.094	54.09	52.67	26.151	0	0
"2014-08-20	01:00:00"	14.61	169.3	7.619	20.68	11.44	169	10.11	18.3	78.58	78.45	0.125	56.87	55.57	26.15	0	0
"2014-08-20	02:00:00"	16.09	171.5	7.041	23.66	12.56	171	9.68	20.09	77.01	76.92	0.083	60.55	59.3	26.151	0	0
"2014-08-20	03:00:00"	13.59	174.5	6.584	18.3	10.51	173.7	9.58	14.72	75.56	75.48	0.083	64.15	62.99	26.147	0	0
"2014-08-20	04:00:00"	11.15	176.7	7.278	15.31	8.6	176.2	10.25	13.52	74.28	74.18	0.1	66.82	65.75	26.141	0	0
"2014-08-20	05:00:00"	9.81	172	7.962	15.31	7.584	171.6	10.36	12.93	73.14	73.03	0.105	69.34	68.35	26.139	0	0
"2014-08-20	06:00:00"	9.69	164.9	9.96	14.72	7.683	164.9	11.65	12.33	72.12	72.02	0.093	71.9	70.95	26.142	0	0
"2014-08-20	07:00:00"	9.73	174.1	7.873	14.72	7.391	174.1	10.7	11.74	71.53	71.39	0.14	73.52	72.68	26.153	0	0
"2014-08-20	08:00:00"	10.33	180.5	7.635	15.31	7.95	181	10.67	12.93	71.21	71.13	0.085	74.83	73.92	26.163	25.04	0
"2014-08-20	09:00:00"	9.34	195.7	11.9	15.31	7.423	198	14.09	12.93	73.95	74.25	-0.294	69.09	67.46	26.172	187.16	0
"2014-08-20	10:00:00"	12.22	193.3	13.47	17.7	9.77	194.3	16.04	14.72	78.17	78.97	-0.799	57.99	55.35	26.181	390.5	0
"2014-08-20	11:00:00"	13.93	198.2	13.83	20.68	11.32	199.3	16.69	17.1	81.5	82.7	-1.228	48.96	45.69	26.182	586	0
"2014-08-20	12:00:00"	16.18	191.6	14.5	24.26	12.87	192.3	17.62	21.87	83.4	85.2	-1.747	45.42	41.44	26.188	751.1	0
"2014-08-20	13:00:00"	16.48	183	13.35	26.05	13.19	183.5	17.04	21.87	85	87.1	-2.143	43.67	39.41	26.182	865.66	0
"2014-08-20	14:00:00"	17.63	182.5	13.66	29.03	13.98	182.7	16.77	25.45	86.7	89.1	-2.385	39.69	35.85	26.176	921.69	0
"2014-08-20	15:00:00"	15.37	194.4	15.48	26.65	12.41	195.4	18.35	22.47	88.8	91	-2.253	34.51	31.04	26.164	904.42	0
"2014-08-20	16:00:00"	14.62	206.9	18.24	27.24	11.86	208.8	21.31	23.66	91	92.9	-1.867	30.75	27.69	26.142	864.04	0
"2014-08-20	17:00:00"	13.69	197.6	17.29	23.07	11.03	199.1	20.18	19.49	91.6	93.6	-1.929	29.02	26.01	26.121	721.49	0
"2014-08-20	18:00:00"	12.32	206.2	20.55	22.47	9.97	208.6	24.14	18.89	92	93.5	-1.445	28.72	26.02	26.108	543.14	0
"2014-08-20	19:00:00"	13.92	182.5	16.85	24.26	11.01	182.1	19.84	19.49	92.2	93.3	-1.087	29.14	26.68	26.105	268.82	0
"2014-08-20	20:00:00"	22.54	171.2	8.95	34.4	17.74	170.8	11.24	30.22	87.6	88.1	-0.494	41.85	39.47	26.12	105.38	0
"2014-08-20	21:00:00"	21.74	174.6	8.97	32.61	17.03	174	11.69	27.84	82.8	83.1	-0.273	50.93	48.85	26.141	25.542	0
"2014-08-20	22:00:00"	15.81	173.4	8.92	26.65	12.38	172.6	11.17	21.28	80.1	80.3	-0.146	52.92	51.08	26.17	0	0
"2014-08-20	23:00:00"	15.16	172.6	7.526	25.45	11.88	172.3	10.15	20.09	78.64	78.72	-0.086	54.36	52.67	26.198	0	0
"2014-08-21	00:00:00"	13.82	178.8	7.627	18.89	10.82	178.7	10.87	16.51	77.26	77.29	-0.027	57.59	56.02	26.212	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-08-21	01:00:00"	15.63	173.9	7.089	23.07	12.18	172.7	9.78	18.89	77	76.96	0.041	59.88	58.51	26.211	0	0
"2014-08-21	02:00:00"	16.33	176.6	6.281	23.07	12.55	175.9	9.5	18.3	76.4	76.33	0.07	60.59	59.31	26.2	0	0
"2014-08-21	03:00:00"	16.53	173.6	6.781	23.66	12.95	172.6	9.78	20.68	76.93	76.85	0.085	59.58	58.31	26.194	0	0
"2014-08-21	04:00:00"	12.37	171.1	8.61	17.7	9.59	170.1	10.61	14.72	76.04	75.88	0.163	60.9	59.82	26.193	0	0
"2014-08-21	05:00:00"	10.6	165.3	9.25	14.72	8.31	165	10.6	13.52	74.62	74.51	0.114	64.26	63.17	26.195	0	0
"2014-08-21	06:00:00"	11.41	168.2	8.26	17.1	8.9	167.4	10.23	15.31	74.16	73.99	0.168	65.02	64.07	26.197	0	0
"2014-08-21	07:00:00"	9.71	173.6	8.11	14.12	7.379	173.9	10.5	12.33	72.86	72.69	0.167	67.78	66.88	26.207	0	0
"2014-08-21	08:00:00"	12.67	173.5	7.141	18.89	9.76	173.3	9.82	14.72	72.46	72.34	0.122	68.38	67.44	26.223	19.808	0
"2014-08-21	09:00:00"	15.21	179.7	7.026	23.07	11.86	179.6	10.39	18.3	73.96	74.24	-0.282	64.99	63.27	26.24	190.36	0
"2014-08-21	10:00:00"	17.68	181.6	8.32	24.26	13.84	181.7	12.31	21.28	76.85	77.76	-0.907	59.71	56.79	26.253	402.3	0
"2014-08-21	11:00:00"	15.33	192.9	14.07	23.66	12.17	195	17.26	18.89	80.2	81.3	-1.097	52.6	49.4	26.254	533.48	0
"2014-08-21	12:00:00"	11.52	208.5	17.77	18.89	9.61	210.3	20.37	15.91	84.6	86	-1.428	41.09	37.98	26.256	736.5	0
"2014-08-21	13:00:00"	9.59	210.3	23.8	17.1	7.931	212.3	27.11	15.91	87.6	89.4	-1.808	34.18	31.19	26.249	875.18	0
"2014-08-21	14:00:00"	8.09	214.4	34.34	20.09	6.706	218.4	38.37	15.91	90.1	92	-1.892	30.32	27.36	26.233	865.59	0
"2014-08-21	15:00:00"	9.47	216.4	27.42	23.07	7.87	219.9	32.26	18.89	91.4	93.3	-1.886	29.85	26.84	26.219	885.44	0
"2014-08-21	16:00:00"	10.94	190.4	27.4	35	8.96	190.7	31.02	35.59	92.8	94.9	-2.063	29.01	25.91	26.204	883.03	0
"2014-08-21	17:00:00"	11.01	189.1	23.59	20.68	8.99	189.2	26.24	17.7	93.7	95.5	-1.867	27.34	24.41	26.192	629.41	0
"2014-08-21	18:00:00"	10.39	194.6	21.05	21.87	8.57	194.6	24.52	16.51	93.6	94.9	-1.262	27.01	24.44	26.177	443.93	0
"2014-08-21	19:00:00"	10.9	185.1	22.46	21.28	8.82	186	26.76	20.09	94.1	95.4	-1.272	26.71	24.16	26.169	392.41	0
"2014-08-21	20:00:00"	18.33	165.8	16.62	29.63	14.63	166.2	17.71	25.45	91.9	92.8	-0.856	32.27	29.92	26.174	229.89	0
"2014-08-21	21:00:00"	20.76	168.6	12.32	39.17	16.39	168.4	13.79	31.42	86.8	87.1	-0.259	38.66	36.79	26.204	30.043	0
"2014-08-21	22:00:00"	23.58	177.8	6.763	36.78	18.35	177	10.34	31.42	81.4	81.5	-0.142	47.19	45.21	26.233	0.0001	0
"2014-08-21	23:00:00"	21.51	176.5	7.462	29.63	16.73	175.7	10.55	25.45	80.1	80.2	-0.115	50.59	48.72	26.256	0	0
"2014-08-22	00:00:00"	17.43	176.6	8.07	28.43	13.51	177.1	10.94	23.07	79.23	79.3	-0.075	55.09	53.36	26.255	0	0
"2014-08-22	01:00:00"	18.46	183	8.44	28.43	14.26	184	12.28	24.26	79.13	79.12	0.006	55.84	54.28	26.258	0	0
"2014-08-22	02:00:00"	14.88	180.8	7.472	23.66	11.5	180.8	10.74	20.68	78.21	78.15	0.057	58.05	56.64	26.261	0	0
"2014-08-22	03:00:00"	11.52	182.2	7.845	18.3	8.99	183.1	11.48	15.91	76.43	76.38	0.049	61.33	60.01	26.256	0	0
"2014-08-22	04:00:00"	9.29	182.2	8.66	13.52	7.126	182.5	12.47	10.54	74.69	74.63	0.06	64.37	63.14	26.251	0	0
"2014-08-22	05:00:00"	10.16	180.8	8.34	16.51	7.787	181.4	12.27	13.52	73.72	73.63	0.09	66.72	65.58	26.256	0	0
"2014-08-22	06:00:00"	12.79	174.3	6.595	18.3	9.89	173.8	9.52	15.31	73.92	73.85	0.076	67.25	66.13	26.262	0	0
"2014-08-22	07:00:00"	12.29	174	6.584	16.51	9.42	173.6	9.61	14.12	73.21	73.11	0.105	69.42	68.43	26.271	0	0
"2014-08-22	08:00:00"	10.16	178.1	6.814	15.91	7.852	177.9	9.72	13.52	72.18	72.14	0.036	71.73	70.66	26.288	21.294	0
"2014-08-22	09:00:00"	10.22	180.6	7.056	14.72	8.06	181.3	10.84	13.52	73.01	73.37	-0.366	70.81	69	26.297	172.95	0
"2014-08-22	10:00:00"	10.4	193.4	16.52	17.7	8.43	194.3	19.16	14.12	77.02	77.82	-0.799	59.15	56.51	26.3	373.96	0
"2014-08-22	11:00:00"	8.3	203.2	20.29	15.31	7.043	203.8	22.88	12.93	80.1	81.1	-1.094	50.12	47.03	26.301	574.28	0
"2014-08-22	12:00:00"	8.04	204.6	24.55	17.1	6.691	204.7	30.38	14.72	82.4	83.8	-1.399	45.51	42.04	26.298	743.92	0
"2014-08-22	13:00:00"	8.8	189.1	32.36	17.7	7.321	189.7	36.13	15.31	84.2	86.1	-1.926	43.64	39.57	26.289	860.28	0
"2014-08-22	14:00:00"	8.47	192.3	26.75	16.51	7.111	193.5	30.86	15.31	85.9	88	-2.019	41.45	37.68	26.272	916.56	0
"2014-08-22	15:00:00"	9.86	177.7	26.11	19.49	8.18	178.5	29.74	17.7	87.8	90	-2.202	38.54	34.97	26.254	901.94	0
"2014-08-22	16:00:00"	10.45	168.8	26.5	20.09	8.6	169.9	29.18	17.7	89.6	91.8	-2.196	35.8	32.33	26.233	814.67	0
"2014-08-22	17:00:00"	12.73	187.8	18.1	21.28	10.3	189.2	21.52	19.49	90.4	92.2	-1.763	34.09	30.99	26.212	534.36	0
"2014-08-22	18:00:00"	12.42	170.8	15.37	21.28	9.96	171.9	17.88	17.7	90.7	92.1	-1.433	33.07	30.27	26.19	372.7	0
"2014-08-22	19:00:00"	12.79	163.9	14	23.66	10.3	163.4	15.67	19.49	91.1	92.2	-1.094	31.8	29.29	26.179	287.39	0
"2014-08-22	20:00:00"	15.94	184	38.71	35	12.71	185.7	41.13	28.43	86.2	86.7	-0.456	39.16	37.12	26.193	22.632	0
"2014-08-22	21:00:00"	13.23	264.8	30.24	30.82	9.89	269.8	31.49	23.66	75.82	75.5	0.322	57.86	58.48	26.229	0.62	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-22	22:00:00"	6.633	313.8	20.07	11.14	4.151	316.9	19.67	7.561	76.66	75.67	0.983	58.57	62.17	26.224	0
"2014-08-22	23:00:00"	13.98	248.5	12.38	27.24	10.92	254.2	15.07	24.26	76	75.9	0.096	58.24	57.73	26.263	0.00182
"2014-08-23	00:00:00"	9.11	215.9	47.44	23.66	7.081	222	50.64	21.28	73.6	72.88	0.721	65.13	67.66	26.283	0.19511
"2014-08-23	01:00:00"	5.539	56.3	14.37	8.16	3.705	53.1	18.32	6.368	72.51	71.31	1.196	69.4	77.11	26.259	0.0438
"2014-08-23	02:00:00"	7.4	88.5	14.37	9.95	4.934	88.3	13.79	8.16	72.17	71.36	0.816	75.13	79.7	26.26	0
"2014-08-23	03:00:00"	8.85	132.4	18.07	22.47	6.052	134.3	18.08	19.49	74.69	73.58	1.108	65.58	70.27	26.255	0.00019
"2014-08-23	04:00:00"	6.639	194.8	12.82	12.33	5.26	196.9	15.12	10.54	72.05	71.87	0.187	75.42	76.04	26.247	0
"2014-08-23	05:00:00"	5.745	206.5	26.71	10.54	4.416	210.4	30.05	9.35	72.01	71.77	0.242	74.6	75.49	26.247	0
"2014-08-23	06:00:00"	5.854	265	13.88	12.93	4.357	272.7	14.75	10.54	71.21	70.86	0.347	72.64	73.8	26.251	0
"2014-08-23	07:00:00"	4.313	217	24.43	7.561	3.427	217.8	27.37	6.368	70.97	70.79	0.179	73.16	73.81	26.254	0
"2014-08-23	08:00:00"	4.63	194.2	17.23	8.16	3.533	192.1	18.69	7.561	71.17	70.92	0.252	72.25	73.16	26.254	8.4242
"2014-08-23	09:00:00"	4.544	163.1	20.72	8.75	3.71	164	22.28	7.561	71.48	71.43	0.045	74.22	74.75	26.264	56.346
"2014-08-23	10:00:00"	6.041	167.4	17	9.95	4.927	168.4	19.05	9.35	72.1	72.29	-0.193	75.08	74.97	26.271	138.71
"2014-08-23	11:00:00"	10.07	177.1	9.49	15.31	8.04	176.5	12.89	12.93	74.03	74.65	-0.623	55.5	55.63	26.269	456.37
"2014-08-23	12:00:00"	9.93	188.7	15.32	17.1	8.09	188.9	18.43	15.31	77.31	78.52	-1.215	50.55	48.96	26.269	657.43
"2014-08-23	13:00:00"	10.06	188.9	16.75	15.91	8.24	189.6	20.53	14.12	80	81.4	-1.341	48.58	46.21	26.259	722.48
"2014-08-23	14:00:00"	11.55	194.3	20.49	21.28	9.51	194.1	23.35	16.51	83.1	84.6	-1.535	43.3	40.5	26.242	805.66
"2014-08-23	15:00:00"	9.98	212.2	24.32	20.09	8.25	214.2	28.19	18.3	85.7	87.4	-1.699	38.8	36.2	26.226	923.75
"2014-08-23	16:00:00"	10.76	196.8	16.96	20.68	8.79	198.9	19.81	16.51	87.5	89.4	-1.871	34.57	31.84	26.203	881.21
"2014-08-23	17:00:00"	11.42	199.8	20.97	20.68	9.34	200.4	24.57	17.1	89	90.6	-1.633	32.13	29.54	26.181	762.73
"2014-08-23	18:00:00"	12.49	198.3	21.89	21.28	10.13	199.5	25.63	18.3	89.7	91.1	-1.425	32.45	29.96	26.163	603.86
"2014-08-23	19:00:00"	12.11	197.8	16.05	20.09	9.74	198.9	18.2	17.7	89.7	90.7	-1.011	29.82	27.66	26.157	316.44
"2014-08-23	20:00:00"	11.13	196.7	14.18	17.7	8.89	197.9	16.63	15.91	88.4	88.7	-0.303	32.92	31.23	26.16	127.27
"2014-08-23	21:00:00"	8.4	191.3	8.8	13.52	6.387	195.9	12.71	11.74	86.4	86.2	0.2	37.17	36.08	26.163	10.535
"2014-08-23	22:00:00"	7.713	194.3	9.43	11.74	5.806	197.3	11.85	9.95	84.9	84.5	0.397	37.74	36.88	26.176	0
"2014-08-23	23:00:00"	8.18	181.2	9.07	12.33	6.076	180.2	12.84	9.95	82.5	81.9	0.653	39.83	39.49	26.19	0
"2014-08-24	00:00:00"	9.81	164	9.23	15.31	7.656	162.9	10.41	11.74	80.9	80.5	0.457	40.64	39.81	26.196	0
"2014-08-24	01:00:00"	11.41	172.5	7.295	15.91	8.73	171.1	9.62	12.93	79.62	79.29	0.336	42.31	41.29	26.202	0
"2014-08-24	02:00:00"	10.67	177.3	7.123	15.91	8.02	175.8	9.52	13.52	78.72	78.3	0.421	44.01	43.15	26.205	0
"2014-08-24	03:00:00"	10.2	176.2	6.773	13.52	7.668	173.7	9.44	11.74	76.95	76.44	0.504	47.33	46.69	26.197	0
"2014-08-24	04:00:00"	9.85	167.5	8.95	14.12	7.612	166.7	10.15	12.33	76.36	75.93	0.431	48.53	47.77	26.186	0
"2014-08-24	05:00:00"	8.52	174.5	10.99	13.52	6.434	175.6	14.36	11.74	75.28	74.82	0.461	50.15	49.54	26.186	0
"2014-08-24	06:00:00"	6.008	179.1	9.56	9.35	4.244	181.5	12.53	7.561	73.68	73.05	0.622	52.64	52.66	26.188	0
"2014-08-24	07:00:00"	6.671	188.4	10.8	11.14	4.822	193	14.51	8.16	72.98	72.4	0.578	52.94	52.76	26.198	0
"2014-08-24	08:00:00"	5.907	196.2	9.59	9.35	4.317	202.8	10.92	8.16	72.09	71.6	0.495	54.25	53.9	26.215	11.1
"2014-08-24	09:00:00"	7.348	195.7	11.42	13.52	5.847	196.6	12.93	13.52	73.06	73.21	-0.147	55.15	53.79	26.228	173.14
"2014-08-24	10:00:00"	11.46	188.3	9.68	17.7	9.12	188.9	13.64	15.31	77.77	78.49	-0.719	49.41	47.05	26.232	379.28
"2014-08-24	11:00:00"	10.09	196.6	13.91	15.91	8.2	197.6	16.78	12.93	81.6	82.9	-1.237	44.45	41.42	26.233	579.56
"2014-08-24	12:00:00"	7.937	206.7	26.51	12.93	6.657	207.5	29.95	12.33	85.3	86.8	-1.457	39.43	36.69	26.233	747.98
"2014-08-24	13:00:00"	7.839	221	27.17	17.1	6.581	223.9	30.93	14.72	88.1	89.7	-1.615	35.52	32.77	26.223	866.59
"2014-08-24	14:00:00"	10.55	221.6	21.08	19.49	8.85	224.1	24.55	17.1	90.2	91.9	-1.667	31.96	29.19	26.211	924.29
"2014-08-24	15:00:00"	11.77	219.3	21.67	27.24	9.65	221.3	25.38	17.7	91.7	93.5	-1.87	29.16	26.3	26.197	913.3
"2014-08-24	16:00:00"	11.49	223	24.94	21.28	9.5	225.2	28.5	18.89	92.8	94.6	-1.813	27.28	24.5	26.171	878.15
"2014-08-24	17:00:00"	11.23	214.9	21.04	25.45	9.37	216.7	24.17	20.09	93.4	94.8	-1.471	26.83	24.21	26.15	647.44
"2014-08-24	18:00:00"	11.08	226.8	19.04	19.49	9.14	229	21.88	17.7	93.1	93.8	-0.748	26.32	24.15	26.147	318.31

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-24	19:00:00"	10.84	242.1	15.91	17.1	8.88	246.9	18.77	15.31	92.6	93.4	-0.801	26.48	24.31	26.15	319.77	0	
"2014-08-24	20:00:00"	14.78	166.8	58.16	29.63	11.68	168.4	60.06	26.05	87.5	88.1	-0.636	36.12	33.76	26.164	105.97	0	
"2014-08-24	21:00:00"	11.9	151.1	16.27	19.49	9.4	151.8	16.5	16.51	81.3	81.6	-0.304	46.83	44.69	26.179	7.4195	0	
"2014-08-24	22:00:00"	14.07	142.4	11.39	23.07	11.15	143.5	11.42	20.09	80.6	80.6	-0.014	46.53	44.81	26.198	0	0	
"2014-08-24	23:00:00"	10.83	139.9	7.454	15.31	8.39	141	8.14	12.93	79.06	78.95	0.106	48.62	47.16	26.21	0	0	
"2014-08-25	00:00:00"	10.07	141.8	7.377	14.72	7.71	142.5	8.23	11.14	78.25	78.01	0.241	49.32	48.11	26.222	0	0	
"2014-08-25	01:00:00"	10.13	145.7	10.67	14.12	7.886	146	10.45	12.33	77.85	77.6	0.252	49.7	48.52	26.225	0	0	
"2014-08-25	02:00:00"	8.85	163.3	9.56	14.12	6.963	162.9	9.8	12.33	76.66	76.42	0.238	52.38	51.27	26.229	0	0	
"2014-08-25	03:00:00"	10.79	175.2	9.36	15.31	8.21	175.4	12.02	12.93	76.08	75.77	0.309	53.1	52.17	26.223	0	0	
"2014-08-25	04:00:00"	10.28	172.8	7.585	13.52	7.75	171.4	9.81	11.74	76.05	75.64	0.409	52.43	51.63	26.227	0	0	
"2014-08-25	05:00:00"	8.56	180	11.16	13.52	6.432	182.2	15.34	10.54	75.45	75.15	0.305	54.34	53.45	26.226	0	0	
"2014-08-25	06:00:00"	8.27	163.7	11.2	12.93	6.465	163.2	12.2	10.54	74.97	74.68	0.289	54.65	53.72	26.227	0	0	
"2014-08-25	07:00:00"	9.15	164	10.25	13.52	7.175	163.4	11.23	11.14	74.26	73.94	0.324	54.87	54.03	26.23	0	0	
"2014-08-25	08:00:00"	9.46	167.8	11.92	13.52	7.302	167.6	13.72	11.14	73.77	73.5	0.267	55.44	54.5	26.234	17.292	0	
"2014-08-25	09:00:00"	9.81	183.3	9.58	15.31	7.719	184.9	13.17	12.93	74.31	74.48	-0.161	56.42	54.85	26.246	158.02	0	
"2014-08-25	10:00:00"	13	182.1	9.42	18.3	10.18	183	13.23	15.91	77.32	78.14	-0.819	51.83	49.2	26.259	377.35	0	
"2014-08-25	11:00:00"	12.83	186.1	11.08	18.3	10.14	188.1	15.16	15.91	80	81.5	-1.437	49.15	45.62	26.269	549.54	0	
"2014-08-25	12:00:00"	11.6	178.4	14.23	17.7	9.41	178.5	17.46	15.91	82.7	84.5	-1.798	46.03	42.09	26.273	717.35	0	
"2014-08-25	13:00:00"	8.42	177.9	25.59	15.31	6.992	179.1	29.83	13.52	86.3	88	-1.704	38.94	35.83	26.265	832.16	0	
"2014-08-25	14:00:00"	8.9	174.3	29.26	19.49	7.463	175.4	31.75	17.7	89.6	91.5	-1.936	32.75	29.71	26.246	918.68	0	
"2014-08-25	15:00:00"	10.95	158.1	27.78	20.09	9.02	158.7	31.71	16.51	91.3	93.4	-2.088	29.03	25.94	26.222	878.37	0	
"2014-08-25	16:00:00"	11.96	166.7	22.46	21.28	9.86	168.2	24.97	18.3	92.1	94	-1.869	28.54	25.6	26.203	620.27	0	
"2014-08-25	17:00:00"	11.89	153.5	18.64	21.87	9.56	153.5	19.68	16.51	91.8	92.7	-0.935	27.91	25.59	26.19	188.52	0	
"2014-08-25	18:00:00"	13.59	103.5	81.3	38.57	10.69	106.9	83	29.63	87.3	87.8	-0.433	35.26	33.04	26.197	89.658	0	
"2014-08-25	19:00:00"	18.12	7.206	16.87	29.63	14.1	6.672	21.32	24.86	73.75	73.85	-0.099	65.88	65.44	26.231	17.78	0.34	
"2014-08-25	20:00:00"	15.87	343.3	21.7	29.03	11.59	343.3	21.17	23.07	69.89	69.19	0.703	74.54	77.49	26.262	3.0855	1.18	
"2014-08-25	21:00:00"	15.98	325	28.79	30.22	11.14	328.6	28.03	24.26	69.92	69.21	0.718	72.35	74.78	26.244	0.53233	0.09	
"2014-08-25	22:00:00"	9.92	306.8	34.21	18.89	6.709	311.1	34.29	15.31	70.43	69.97	0.468	72.83	74.65	26.282	0	0	
"2014-08-25	23:00:00"	9.97	291.5	10.13	17.1	5.918	297.1	13.19	11.74	71.7	71.25	0.452	71.85	73.15	26.298	0	0	
"2014-08-26	00:00:00"	7.153	321.8	31.54	15.31	4.33	323.4	25.09	9.95	73.88	72.76	1.117	63.89	67.68	26.302	0	0	
"2014-08-26	01:00:00"	7.109	293.4	63.53	13.52	4.986	296.4	61.33	12.33	74.52	73.43	1.087	66.03	70.05	26.301	0	0	
"2014-08-26	02:00:00"	10.6	129.2	36.11	15.31	7.487	130	36.05	12.93	74.09	73.01	1.082	64.68	68.24	26.297	0.00182	0.02	
"2014-08-26	03:00:00"	10.94	100.9	6.175	14.72	7.762	102.9	8.09	11.14	75.12	74.05	1.075	61.82	64.82	26.278	0	0	
"2014-08-26	04:00:00"	9.8	105.2	5.468	12.33	6.654	105	7.77	9.35	75.04	73.91	1.133	62.43	65.72	26.271	0	0	
"2014-08-26	05:00:00"	9.83	127.3	30.61	14.72	7.022	128.7	31.96	10.54	75.16	74.31	0.855	61.45	63.69	26.276	0	0	
"2014-08-26	06:00:00"	4.521	235.8	39.96	10.54	2.882	244.8	47.3	9.35	73.47	72.67	0.796	67.59	70.19	26.295	0	0	
"2014-08-26	07:00:00"	3.221	326.4	58.26	6.368	2.039	325.8	56.04	5.175	72.25	71.51	0.734	72.89	75.38	26.309	0	0	
"2014-08-26	08:00:00"	4.888	20.38	8.14	6.368	3.13	24.26	12.8	4.578	70.41	69.72	0.688	79.29	82.2	26.327	16.794	0	
"2014-08-26	09:00:00"	5.425	39.08	15.41	8.16	4.209	43.45	17.5	6.964	72.6	72.54	0.059	73.39	74.38	26.34	119.3	0	
"2014-08-26	10:00:00"	5.892	60.31	9.08	8.16	4.751	64.27	11.63	7.561	74.39	74.67	-0.282	71.2	71.07	26.353	191.87	0	
"2014-08-26	11:00:00"	5.077	65.21	32.75	8.16	4.182	66.3	34.35	6.964	76.17	76.68	-0.51	64.24	63.82	26.358	374.17	0	
"2014-08-26	12:00:00"	6.19	171.7	22.3	11.14	5.067	172.8	26.53	9.95	79.62	80.2	-0.618	54	53.61	26.366	603.8	0	
"2014-08-26	13:00:00"	6.07	163.1	37.32	11.14	4.981	164	40.74	9.95	82.9	83.7	-0.809	46.4	45.65	26.359	670.2	0	
"2014-08-26	14:00:00"	9.33	169.6	27.27	20.09	7.575	172	30.15	21.87	85.9	87.1	-1.12	36.45	35.58	26.339	908.48	0	
"2014-08-26	15:00:00"	10.19	152.3	22.4	21.87	8.37	153.6	24.65	16.51	87.8	89.1	-1.319	32.69	31.28	26.314	930.1	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-26	16:00:00"	11.8	156.8	17.74	20.68	9.64	157.7	18.94	18.89	89.3	90.8	-1.488	29.39	27.71	26.29	926.26	0	
"2014-08-26	17:00:00"	11.9	164.9	17.85	18.89	9.64	165.9	20.22	15.91	90.2	91.7	-1.476	28.08	26.28	26.27	834.92	0	
"2014-08-26	18:00:00"	11.63	161.4	16.02	19.49	9.46	161.4	17.17	17.1	90.3	91.5	-1.174	28.92	27.18	26.252	548.38	0	
"2014-08-26	19:00:00"	9.34	169.9	11.86	14.72	7.298	169.8	13.8	12.33	89.7	89.9	-0.274	29.45	28.59	26.251	131.2	0	
"2014-08-26	20:00:00"	7.264	151.5	13.45	12.33	5.706	151.9	12.99	9.95	88.5	88.4	0.083	32.43	31.76	26.256	39.15	0	
"2014-08-26	21:00:00"	6.316	158.8	9.25	11.14	4.688	157.6	9.59	7.561	85.9	85.4	0.456	36.84	36.91	26.273	2.1173	0	
"2014-08-26	22:00:00"	6.165	140.6	20.76	8.75	3.646	136.1	20.2	6.368	84.1	82.8	1.287	39.69	42.97	26.285	0	0	
"2014-08-26	23:00:00"	13.85	181.9	37.59	30.82	10.34	182.3	42.14	30.82	80.9	79.4	1.476	45.03	48.98	26.315	0	0.17	
"2014-08-27	00:00:00"	8.2	344.8	72.41	17.7	5.97	352.9	67.82	12.93	78.35	75.48	2.879	50.62	59.68	26.335	0	0.06	
"2014-08-27	01:00:00"	9.07	40.38	24.24	17.7	6.093	40.54	22.15	12.33	79.09	75.99	3.097	50.02	60.36	26.326	0	0	
"2014-08-27	02:00:00"	7.027	109.3	18.01	9.35	3.657	96.1	14.45	5.175	78.83	75.64	3.19	52.83	65.43	26.319	0	0	
"2014-08-27	03:00:00"	6.539	146.4	8.02	9.95	4.222	138.8	8.91	7.561	78.84	77.16	1.677	50.73	56.69	26.315	0	0	
"2014-08-27	04:00:00"	6.061	102.9	36.85	9.35	3.921	103.7	33.61	6.964	75.58	74.29	1.281	58.73	63.54	26.307	0	0	
"2014-08-27	05:00:00"	6.732	61.84	7.675	9.95	4.198	64.26	10.06	6.964	71.31	70.32	0.993	71.92	75.59	26.311	0	0	
"2014-08-27	06:00:00"	6.433	74.44	9.09	8.75	3.811	67.23	11.61	5.771	70.61	68.93	1.677	70.7	77.7	26.306	0	0	
"2014-08-27	07:00:00"	6.061	98.9	6.022	8.16	3.254	80.9	9.15	4.578	70.95	69.01	1.946	65.33	73.99	26.314	0	0	
"2014-08-27	08:00:00"	5.566	110.7	14.72	8.16	3.034	94.6	21.19	4.578	70.35	68.75	1.601	64.38	71.3	26.329	17.136	0	
"2014-08-27	09:00:00"	7.742	144	14.08	14.12	5.626	141.2	16.51	12.33	73.6	72.97	0.635	57.01	60.01	26.339	169.43	0	
"2014-08-27	10:00:00"	8.61	175.1	19.96	13.52	6.88	175.6	22.93	11.14	76.51	76.62	-0.112	52.13	52.73	26.352	383.01	0	
"2014-08-27	11:00:00"	7.411	214	15.55	14.72	6.181	214.8	18.62	11.74	79.03	79.47	-0.434	47.58	47.13	26.36	571.92	0	
"2014-08-27	12:00:00"	4.557	205.8	29.69	9.35	3.942	207.1	36.13	8.16	81.8	82.3	-0.505	43.44	42.83	26.363	749.79	0	
"2014-08-27	13:00:00"	6.174	205.4	31.25	11.74	5.173	206.6	35.91	9.95	84.8	85.7	-0.845	38.27	37.65	26.353	856.72	0	
"2014-08-27	14:00:00"	5.909	171.7	35.28	14.72	5.036	173.9	41.88	12.33	86.9	87.8	-0.919	34.83	33.74	26.336	925.63	0	
"2014-08-27	15:00:00"	6.056	175.3	50.79	13.52	5.076	171.1	54.17	11.74	88.1	88.9	-0.889	33.44	32.18	26.319	741.63	0	
"2014-08-27	16:00:00"	7.144	152.3	25.34	14.12	5.972	152.3	27.34	12.33	89.2	90.2	-1.037	31.95	30.49	26.293	766.35	0	
"2014-08-27	17:00:00"	7.783	155.5	15.03	15.31	6.285	154.9	15.26	12.33	89.2	89.6	-0.393	31.52	30.78	26.27	163.71	0	
"2014-08-27	18:00:00"	4.478	131.3	56.27	18.89	3.434	123.2	60.01	14.72	88.1	87.7	0.328	34.24	35.34	26.262	52.534	0	
"2014-08-27	19:00:00"	7.653	358.6	17.23	15.91	5.565	357.4	18.07	12.93	83.9	83.4	0.452	41.12	41.99	26.26	38.936	0	
"2014-08-27	20:00:00"	5.429	9.13	14.02	9.95	3.836	5.473	16.14	8.16	85.2	84.7	0.513	40.17	42.26	26.255	91.555	0	
"2014-08-27	21:00:00"	6.609	354.9	13.73	8.75	4.144	349.1	14.7	6.964	83.7	81.9	1.84	41.53	46.83	26.265	5.0378	0	
"2014-08-27	22:00:00"	6.701	20.47	8.54	8.75	4.107	19.9	13.17	5.771	81.7	79.88	1.818	45.63	51.03	26.278	0	0	
"2014-08-27	23:00:00"	6.692	31.87	13.64	9.35	4.5	31.77	15.67	6.964	80.1	78.81	1.307	50.87	54.63	26.288	0	0	
"2014-08-28	00:00:00"	6.875	30.92	8.36	9.95	4.723	30.6	13.2	7.561	78.85	77.89	0.958	53.37	55.8	26.286	0	0	
"2014-08-28	01:00:00"	6.994	29.34	16.68	8.75	4.157	27.3	22.33	6.368	78.06	76.13	1.93	53.06	58.65	26.283	0	0	
"2014-08-28	02:00:00"	4.636	51.25	21.91	8.16	2.894	44.06	24.83	5.175	77.11	74.86	2.248	53.89	60.61	26.272	0	0	
"2014-08-28	03:00:00"	6.933	155.2	12.68	9.35	4.51	150	18.15	7.561	78.58	76.69	1.882	50.38	55.07	26.264	0	0	
"2014-08-28	04:00:00"	7.676	160.5	7.691	11.14	5.549	157.7	8.68	8.16	78.31	77.18	1.127	51.81	53.53	26.252	0	0	
"2014-08-28	05:00:00"	6.928	157.4	9.38	9.95	5.007	155.4	10.54	7.561	76	75.17	0.833	57.53	58.78	26.242	0	0	
"2014-08-28	06:00:00"	5.871	136.2	12.4	8.75	3.468	124.5	18.69	6.368	73.41	71.98	1.436	63.39	67.03	26.238	0	0	
"2014-08-28	07:00:00"	5.434	177.4	14.42	8.16	3.668	178.6	17.56	6.368	73.57	72.55	1.013	61.46	63.71	26.24	0	0	
"2014-08-28	08:00:00"	5.23	195.9	7.919	7.561	3.323	201.4	11.67	5.175	72.96	71.94	1.011	62.21	64.55	26.247	12.031	0	
"2014-08-28	09:00:00"	6.348	194.9	10.15	10.54	4.78	196.4	11.86	9.35	73.36	73.21	0.145	63.34	63.66	26.253	149.74	0	
"2014-08-28	10:00:00"	7.893	200.7	12.14	12.33	6.424	201.5	14.78	10.54	76.46	76.92	-0.465	57.99	56.78	26.254	366.32	0	
"2014-08-28	11:00:00"	7.329	221.9	20.43	11.74	6.134	222.9	23.6	10.54	80	80.7	-0.642	50.75	49.05	26.251	568.52	0	
"2014-08-28	12:00:00"	7.107	262.5	22.36	11.74	5.45	268.4	26.32	9.95	84	85.1	-1.135	43.48	41.48	26.246	738.11	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-28	13:00:00"	6.054	248.4	41.9	12.33	4.883	251.6	47.68	11.14	86.8	88	-1.19	37.58	35.75	26.23	857.3	0	
"2014-08-28	14:00:00"	7.791	213.2	28.97	18.89	6.49	214.9	31.56	15.31	88.7	90	-1.302	34.95	32.94	26.209	867.86	0	
"2014-08-28	15:00:00"	9.23	233.5	25.47	18.3	7.513	237.6	30.74	15.91	90.1	91.5	-1.322	32.01	29.99	26.191	898.17	0	
"2014-08-28	16:00:00"	10.01	241.7	31.33	19.49	8.02	245.3	34.9	18.89	91.2	92.6	-1.396	28.8	26.78	26.16	830.48	0	
"2014-08-28	17:00:00"	8.32	253.9	34.44	18.89	6.571	256.4	37.32	15.31	92.1	93.3	-1.17	27.95	26.06	26.134	694.47	0	
"2014-08-28	18:00:00"	9.71	270.1	27.32	18.3	7.214	274.8	29.08	15.31	92.4	93.4	-1.028	28.57	26.78	26.116	500.15	0	
"2014-08-28	19:00:00"	9.43	278.8	21.7	17.7	6.494	284	23.35	12.93	92.5	93	-0.534	25.79	24.45	26.11	260.97	0	
"2014-08-28	20:00:00"	9.91	297.7	10.63	15.91	5.585	303.1	12.3	11.14	91.6	91.3	0.243	24.57	23.83	26.111	139.33	0	
"2014-08-28	21:00:00"	9.65	321.4	7.668	12.93	5.703	326.2	10.07	8.75	87.4	85.5	1.941	28.61	29.87	26.121	6.3672	0	
"2014-08-28	22:00:00"	9.04	1.99	47.29	12.33	5.469	7.295	46.12	8.16	84.1	81.7	2.425	34.54	36.68	26.143	0	0	
"2014-08-28	23:00:00"	8.77	143.9	39.77	18.89	6.559	144	43.25	17.1	82.5	82	0.464	45.61	45.15	26.164	0	0	
"2014-08-29	00:00:00"	8.99	179.7	11.04	15.91	6.814	180.2	14.67	13.52	81.1	80.6	0.458	49.43	49	26.167	0	0	
"2014-08-29	01:00:00"	4.253	219.3	92.1	7.561	2.683	285.6	93.6	5.175	78.5	75.83	2.674	54.03	59.82	26.17	0	0	
"2014-08-29	02:00:00"	3.577	179.9	41.56	6.368	2.359	147.1	87.4	5.175	78.22	74.96	3.267	54.23	61.83	26.167	0	0	
"2014-08-29	03:00:00"	6.927	144	76.28	17.7	4.834	82.5	85.9	13.52	74.21	71.96	2.249	63.78	69.13	26.163	0	0	
"2014-08-29	04:00:00"	10.38	95.5	10.22	14.12	7.719	96.2	12.05	11.14	69.24	69.12	0.125	77.85	77.36	26.165	0	0	
"2014-08-29	05:00:00"	10.14	107.3	8.71	15.91	7.866	108.5	11.24	12.93	68.3	68.25	0.055	81.9	81.3	26.168	0	0	
"2014-08-29	06:00:00"	10.14	123.3	11.12	14.12	7.755	125.4	12.9	11.74	67.45	67.41	0.04	85.2	84.6	26.166	0	0	
"2014-08-29	07:00:00"	6.892	145	9.93	11.74	5.338	145.8	9.99	9.35	67.11	67.06	0.053	85	84.5	26.17	0	0	
"2014-08-29	08:00:00"	5.458	174.3	16.28	8.75	4.17	176.3	19.28	6.964	66.71	66.6	0.117	84	83.8	26.185	16.916	0	
"2014-08-29	09:00:00"	5.826	37.38	61.6	13.52	4.807	34.43	63.68	11.74	67.66	68.09	-0.423	82.3	81.1	26.21	168.74	0	
"2014-08-29	10:00:00"	7.941	41.58	13.67	12.33	6.722	45.09	16.33	11.74	69.97	71.01	-1.042	77.48	74.92	26.226	371.71	0	
"2014-08-29	11:00:00"	4.41	349.8	45.15	8.16	3.609	348.7	50.58	6.964	72.94	74.2	-1.257	71.43	68.27	26.234	587.71	0	
"2014-08-29	12:00:00"	4.227	26.23	96.8	9.35	3.722	38.75	96.3	8.75	75.81	77.03	-1.224	65.45	62.47	26.237	788.8	0	
"2014-08-29	13:00:00"	6.773	33.56	33.66	12.33	5.725	35.1	38.94	11.14	78.39	80.3	-1.864	58.81	55.01	26.23	840.72	0	
"2014-08-29	14:00:00"	5.767	66.59	58.08	12.93	4.929	68.38	59.32	11.14	80.9	82.4	-1.493	52.68	49.35	26.223	917.76	0	
"2014-08-29	15:00:00"	5.787	82.8	40.29	12.93	5.067	83.1	45.15	11.14	83	84.5	-1.546	48.26	44.85	26.213	895.21	0	
"2014-08-29	16:00:00"	5.536	61.08	54.47	11.74	4.827	66.51	56.12	10.54	85.1	86.6	-1.499	42.17	39.26	26.191	847	0	
"2014-08-29	17:00:00"	6.765	91.6	48.64	14.72	5.814	98.3	50.44	11.74	86.4	87.7	-1.346	39.08	36.54	26.168	664.42	0	
"2014-08-29	18:00:00"	6.042	28.01	43.33	14.12	5.065	28.98	50.51	13.52	86.9	87.8	-0.946	36.61	34.76	26.155	364.98	0	
"2014-08-29	19:00:00"	6.519	67.52	30.4	13.52	5.214	66.47	32.26	11.74	87.2	87.8	-0.668	35.5	33.84	26.159	204.15	0	
"2014-08-29	20:00:00"	5.48	80.5	12.97	9.35	4.227	82.8	14.42	8.16	86.7	86.9	-0.199	36.28	35.21	26.161	122.92	0	
"2014-08-29	21:00:00"	8.07	89	8.8	11.74	5.213	90.7	10.57	9.35	82.7	82.1	0.648	42.17	42.19	26.177	3.4584	0	
"2014-08-29	22:00:00"	9.85	98.7	6.993	13.52	7.233	100.4	8.81	11.74	80.7	80.3	0.316	48.37	47.45	26.2	0	0	
"2014-08-29	23:00:00"	9.11	102.2	6.163	12.33	6.572	102.3	8.11	9.35	79.21	78.81	0.402	49.84	49.3	26.222	0	0	
"2014-08-30	00:00:00"	10.46	109.7	7.582	15.91	7.813	111.2	10.21	12.33	77.87	77.53	0.342	54.46	53.63	26.239	0	0	
"2014-08-30	01:00:00"	12.22	117.5	7.867	17.7	9.14	120.3	10.91	14.72	76.82	76.58	0.242	61.41	60.61	26.246	0	0	
"2014-08-30	02:00:00"	10.51	124.9	8.74	17.1	7.717	127.7	10.73	12.33	75.28	74.99	0.284	63.58	63.02	26.249	0	0	
"2014-08-30	03:00:00"	7.102	122	10.08	11.14	5.064	122.8	12.9	8.75	73.43	73.12	0.312	66.35	66	26.254	0	0	
"2014-08-30	04:00:00"	5.835	118.5	12.77	8.16	3.731	111.8	19.97	6.368	71.28	70.67	0.619	71.55	72.01	26.25	0	0	
"2014-08-30	05:00:00"	4.449	107.2	11.14	6.964	2.32	81.8	22.25	4.578	69.97	68.79	1.185	74.14	76	26.255	0	0	
"2014-08-30	06:00:00"	5.864	127.2	14.3	9.95	3.117	120.4	21.78	7.561	69.91	68.58	1.327	73.81	76.14	26.257	0	0	
"2014-08-30	07:00:00"	7.6	140.2	18.38	11.14	5.476	141	18.72	9.95	69.11	68.72	0.391	74.67	74.84	26.261	0	0	
"2014-08-30	08:00:00"	4.74	183.5	20.7	9.95	3.504	186.8	22.9	8.16	69.03	68.73	0.297	74.49	74.4	26.271	16.908	0	
"2014-08-30	09:00:00"	5.233	176.8	10.5	9.95	3.998	176.4	12.5	8.16	70.17	70.33	-0.159	73.42	72.65	26.278	173.37	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-08-30	10:00:00"	8.9	191.5	11.67	13.52	7.044	192.2	13.99	11.14	75.04	75.76	-0.712	66.28	64.28	26.276	383.38	0	
"2014-08-30	11:00:00"	9.21	196.5	16.4	14.72	7.524	197.1	20.29	11.74	78.97	79.94	-0.969	58.77	56.21	26.28	587.45	0	
"2014-08-30	12:00:00"	4.954	216	41.95	11.14	4.257	222.3	47.71	9.35	82.7	83.7	-1.012	48.09	45.72	26.28	756.61	0	
"2014-08-30	13:00:00"	5.197	147.4	45.74	18.3	4.446	150.2	48.04	16.51	85.8	86.8	-1.029	34.06	32.05	26.272	879.58	0	
"2014-08-30	14:00:00"	5.192	128.3	80.1	14.72	4.497	122.9	81.3	11.74	87.8	89.1	-1.348	28.54	26.4	26.254	968.03	0	
"2014-08-30	15:00:00"	6.553	168.6	43.64	15.91	5.655	170	47.43	14.12	89.5	90.8	-1.325	25.55	23.41	26.233	971.99	0	
"2014-08-30	16:00:00"	7.188	119.3	44.46	15.91	5.994	121.8	43.64	12.93	90.5	91.9	-1.489	23.39	21.21	26.21	862.25	0	
"2014-08-30	17:00:00"	8.66	130	32.1	18.3	7.226	129.5	34.21	15.91	90.9	92.3	-1.442	22.16	19.99	26.19	751.81	0	
"2014-08-30	18:00:00"	8.62	110.2	36.42	17.7	7.154	113.6	37.84	15.31	91.1	92.4	-1.293	22.47	20.33	26.18	604.18	0	
"2014-08-30	19:00:00"	11.01	120.6	16.3	17.7	8.86	123.3	17.56	15.91	90.6	91.5	-0.93	23.06	21.08	26.181	277.95	0	
"2014-08-30	20:00:00"	11.53	114.6	12.69	17.7	8.86	117.2	14.28	15.91	89.2	89.4	-0.191	23.38	21.82	26.181	124.37	0	
"2014-08-30	21:00:00"	9.43	108.5	6.318	13.52	6.342	108.5	9.58	11.14	85.3	84.4	0.894	25.22	24.67	26.186	4.4161	0	
"2014-08-30	22:00:00"	10.62	111	7.011	14.12	7.189	111.1	10.08	11.74	82	80.9	1.095	26.32	26.13	26.204	0	0	
"2014-08-30	23:00:00"	11.52	119.9	6.773	15.31	8.2	122.8	9.76	12.93	81.5	80.9	0.628	29.02	28.06	26.218	0	0	
"2014-08-31	00:00:00"	10.93	133.5	7.987	16.51	8.02	135.1	8.8	13.52	80.1	79.64	0.428	36.02	34.96	26.223	0	0	
"2014-08-31	01:00:00"	10.12	147.7	9.2	14.72	7.816	147.8	9.41	13.52	78.36	78.08	0.277	48.55	47.23	26.22	0	0	
"2014-08-31	02:00:00"	10.81	160.4	9.89	15.91	8.67	159.3	10.62	13.52	77.71	77.54	0.168	56.57	55.41	26.216	0	0	
"2014-08-31	03:00:00"	11.68	168.8	8.32	18.3	9.1	168.6	10	14.72	77.31	77.06	0.254	57.32	56.39	26.214	0	0	
"2014-08-31	04:00:00"	15.44	175.8	6.048	21.87	11.78	174.5	9.43	17.1	77.01	76.74	0.264	57.3	56.41	26.206	0	0	
"2014-08-31	05:00:00"	12.48	183.5	8.33	20.68	9.66	184.4	12.02	16.51	75.35	75.14	0.204	60.73	59.83	26.207	0	0	
"2014-08-31	06:00:00"	8.36	187.7	8.66	12.93	6.364	191.6	12.18	11.74	73.14	72.88	0.251	65.43	64.76	26.212	0	0	
"2014-08-31	07:00:00"	8.67	178.7	7.308	12.33	6.514	177.5	10.05	9.95	71.57	71.31	0.257	68.84	68.31	26.212	0	0	
"2014-08-31	08:00:00"	8.18	187.2	11.34	12.33	6.226	188.9	15.35	8.75	70.37	70.19	0.181	72.23	71.6	26.214	15.31	0	
"2014-08-31	09:00:00"	8.71	196.2	10.29	15.31	6.909	199.4	12.56	13.52	71.13	71.38	-0.251	72.45	71.05	26.219	166.08	0	
"2014-08-31	10:00:00"	12.36	186.7	9.65	18.89	9.74	188.1	13.9	15.31	75.76	76.47	-0.708	63.72	61.44	26.221	371.53	0	
"2014-08-31	11:00:00"	12.51	177.7	9.59	17.1	9.87	178	13.66	14.72	79.34	80.6	-1.285	55.85	52.74	26.224	571.96	0	
"2014-08-31	12:00:00"	13.14	180.4	11.01	19.49	10.51	180.3	14.55	17.1	83.4	85	-1.553	47.35	43.9	26.223	741.38	0	
"2014-08-31	13:00:00"	11.29	199.8	16.84	17.7	9.38	200.6	20.41	16.51	88	89.4	-1.426	37.82	35.2	26.212	859.24	0	
"2014-08-31	14:00:00"	9.18	215.3	27.94	16.51	7.571	217.8	31.31	14.12	91.2	92.8	-1.549	31.57	29.16	26.189	917.25	0	
"2014-08-31	15:00:00"	7.627	203.8	36.04	16.51	6.366	204	39.49	13.52	93.2	94.6	-1.368	27.28	25.02	26.166	893.01	0	
"2014-08-31	16:00:00"	6.17	205.3	42.33	17.1	5.201	203.7	48.02	15.91	94.5	95.7	-1.231	23.75	21.64	26.144	854.81	0	
"2014-08-31	17:00:00"	9.48	208.1	26.48	20.09	7.859	210.1	30.83	17.7	96	97.2	-1.253	21.85	19.71	26.121	712.92	0	
"2014-08-31	18:00:00"	9.93	200.4	24.98	17.7	8.19	201.5	29.16	16.51	96.4	97.4	-0.997	20.75	18.72	26.105	549.29	0	
"2014-08-31	19:00:00"	11.48	188.7	17.28	24.26	9.16	188.9	19.39	20.09	96.5	97.1	-0.582	19.83	17.96	26.097	271.52	0	
"2014-08-31	20:00:00"	10.67	179.9	11.68	16.51	8.24	179.6	14.25	12.93	95	94.9	0.044	21.6	20.12	26.092	119.72	0	
"2014-08-31	21:00:00"	9.93	166.2	8.33	14.72	7.639	165.6	9.76	12.93	90.7	90.2	0.48	26.68	25.47	26.098	4.3094	0	
"2014-08-31	22:00:00"	14.19	170	7.051	24.86	10.93	169.4	9.4	20.68	88.8	88.3	0.496	30.9	29.75	26.113	0	0	
"2014-08-31	23:00:00"	18.18	170.3	7.699	27.24	14.23	169.4	9.96	22.47	87.1	86.8	0.321	35.01	33.76	26.132	0	0	
"2014-09-01	00:00:00"	18.5	173.4	7.081	26.65	14.23	172.6	10.16	21.87	84.4	84.1	0.277	38.93	37.76	26.145	0	0	
"2014-09-01	01:00:00"	19	174.7	6.664	27.84	14.64	173.8	9.75	21.87	81.9	81.7	0.23	43.22	41.83	26.149	0	0	
"2014-09-01	02:00:00"	15.67	179.2	7.143	22.47	11.92	179.5	10.96	18.89	80	79.81	0.199	50.19	48.9	26.155	0	0	
"2014-09-01	03:00:00"	14.88	179.3	6.846	20.68	11.54	178.5	10.2	17.1	78.59	78.4	0.196	55.11	53.94	26.152	0	0	
"2014-09-01	04:00:00"	13.29	178.6	6.805	18.89	10.21	178.3	10.07	15.91	77.34	77.12	0.222	57.94	56.9	26.144	0	0	
"2014-09-01	05:00:00"	11.92	182.2	7.812	17.7	9.11	183.7	11.95	15.31	76.24	75.98	0.255	60.01	59.1	26.136	0	0	
"2014-09-01	06:00:00"	10.7	188	9.22	15.91	8.07	191.9	13.65	12.93	75.57	75.24	0.326	61.61	60.89	26.14	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-01	07:00:00"	9.92	189.6	8.95	15.31	7.633	193.1	13.08	13.52	74.63	74.3	0.328	63.72	63.09	26.141		0	0
"2014-09-01	08:00:00"	9.2	202.1	9.92	13.52	7.161	203.9	11.24	11.14	73.2	72.95	0.254	66.15	65.45	26.152	15.722		0
"2014-09-01	09:00:00"	10.62	193.7	9.39	18.3	8.29	197.2	12.43	15.31	74.14	74.29	-0.149	65.51	64.19	26.162	171.13		0
"2014-09-01	10:00:00"	11.83	200.1	11.79	17.7	9.5	202.3	14.43	14.72	77.85	78.46	-0.612	58.38	56.16	26.169	378.41		0
"2014-09-01	11:00:00"	10.46	209.5	14.18	15.91	8.65	210.6	17.31	14.12	81.7	82.6	-0.875	49.62	47.03	26.174	582.16		0
"2014-09-01	12:00:00"	7.507	238.4	22.48	13.52	6.165	242.7	27.47	12.33	86.5	87.7	-1.157	37.57	35.32	26.176	754.14		0
"2014-09-01	13:00:00"	5.173	262.5	47.19	11.14	4.286	261.6	51.28	8.75	90.4	91.7	-1.261	30.6	28.42	26.166	876.08		0
"2014-09-01	14:00:00"	5.063	219.9	71.15	11.14	4.384	216.6	71.91	10.54	93.5	94.7	-1.192	24.94	22.77	26.149	934.05		0
"2014-09-01	15:00:00"	7.018	218.9	47.79	18.89	5.966	220.9	54.25	15.31	96.1	97.4	-1.287	19.77	17.67	26.131	906.72		0
"2014-09-01	16:00:00"	7.865	209.9	39.46	17.7	6.596	211.9	42.6	15.91	97.6	99	-1.362	17.11	15.07	26.108	853.01		0
"2014-09-01	17:00:00"	6.953	239.8	48.42	18.3	5.792	238.2	49.37	15.31	98.3	99.4	-1.109	15.56	13.59	26.09	727.74		0
"2014-09-01	18:00:00"	6.391	196	52.17	14.72	5.037	199.8	57.36	12.33	98.3	99.2	-0.888	16.17	14.29	26.082	539.67		0
"2014-09-01	19:00:00"	7.235	224.1	26.02	17.7	5.751	226.5	29.7	15.31	98.7	99.1	-0.424	15.83	14.09	26.079	279.1		0
"2014-09-01	20:00:00"	7.105	214	30.92	12.93	5.489	214	35.67	9.35	97.7	97.5	0.176	16.44	14.92	26.08	121.47		0
"2014-09-01	21:00:00"	4.585	199.7	15.69	9.35	3.046	193.1	20.29	6.964	94.1	93	1.12	19.19	18.57	26.091	3.883		0
"2014-09-01	22:00:00"	2.455	230.2	31.24	7.561	1.363	62.79	98.8	5.771	91.5	88	3.501	20.76	23.08	26.108	0		0
"2014-09-01	23:00:00"	10.52	179.4	10.18	18.89	7.591	174.9	15.06	15.31	88.3	86.8	1.523	31.79	31.99	26.129	0		0
"2014-09-02	00:00:00"	14.66	177.5	6.991	22.47	11.24	176.7	10.29	17.7	86.2	85.9	0.375	40.97	39.72	26.145	0		0
"2014-09-02	01:00:00"	14.85	176.3	7.295	22.47	11.32	175.8	10.46	18.89	84.1	83.8	0.295	45.73	44.45	26.152	0		0
"2014-09-02	02:00:00"	15.57	179.2	7.006	22.47	11.93	179.1	10.76	17.7	82.2	82	0.255	47.55	46.28	26.155	0		0
"2014-09-02	03:00:00"	13.99	178.3	6.77	20.68	10.67	177.6	9.96	15.91	80.5	80.2	0.282	49.99	48.84	26.149	0		0
"2014-09-02	04:00:00"	12.48	179.1	7.963	18.3	9.51	179.1	11.51	14.72	78.86	78.56	0.304	52.31	51.29	26.149	0		0
"2014-09-02	05:00:00"	11.79	176.9	6.863	16.51	8.91	175.9	9.91	14.72	77.32	76.98	0.341	54.39	53.5	26.151	0		0
"2014-09-02	06:00:00"	11.54	179.5	7.447	17.1	8.79	179.7	10.84	13.52	76.27	75.93	0.339	55.12	54.25	26.152	0		0
"2014-09-02	07:00:00"	8.86	178	9.45	12.93	6.661	177.8	12.78	11.14	74.6	74.15	0.449	56.54	55.98	26.163	0		0
"2014-09-02	08:00:00"	8.66	177.2	7.553	12.33	6.427	176.2	10.63	10.54	72.95	72.55	0.402	58.65	58.13	26.178	15.06		0
"2014-09-02	09:00:00"	11.32	179.1	7.448	18.3	8.73	179	10.95	15.31	73.71	73.83	-0.118	60.32	58.94	26.188	169.47		0
"2014-09-02	10:00:00"	14.97	179.9	9.31	20.68	11.67	179.7	13.23	17.1	76.89	77.6	-0.709	59.01	56.58	26.191	375.42		0
"2014-09-02	11:00:00"	12.37	188.2	12.78	18.3	9.96	188.5	16.36	15.91	80.4	81.6	-1.192	53.43	50.31	26.189	577.71		0
"2014-09-02	12:00:00"	10.3	186.3	13.81	15.91	8.33	186.4	18.46	13.52	84.9	86.4	-1.481	44.34	41.2	26.189	749.03		0
"2014-09-02	13:00:00"	6.841	204.2	25.6	12.93	5.797	208.2	28.23	11.74	89.8	91	-1.237	34.25	31.91	26.186	866.98		0
"2014-09-02	14:00:00"	7.527	180.8	27.7	13.52	6.366	183.2	31.09	11.74	93.1	94.6	-1.567	28.95	26.51	26.17	923.83		0
"2014-09-02	15:00:00"	8.24	171.7	31.41	15.31	6.838	170.2	34.17	14.12	95.7	97.4	-1.731	23.02	20.58	26.155	898.97		0
"2014-09-02	16:00:00"	8.61	187.1	34.89	17.1	7.191	188.6	38.79	14.12	97.6	99.2	-1.638	19.37	17.04	26.135	901.83		0
"2014-09-02	17:00:00"	6.474	203.4	50.92	15.31	5.455	203.9	54.92	12.93	98.1	99.4	-1.34	18.75	16.58	26.114	743.94		0
"2014-09-02	18:00:00"	7.698	178.6	25.43	15.31	6.273	179.4	27	14.12	98.1	99.1	-1.029	19.69	17.58	26.098	466.22		0
"2014-09-02	19:00:00"	11.99	154.7	17.51	20.68	9.67	155.3	18.03	17.1	97.1	97.7	-0.591	22.47	20.44	26.09	189.66		0
"2014-09-02	20:00:00"	16.48	136.8	7.488	24.86	12.83	138.1	8.9	21.28	93.8	94.1	-0.236	27.84	25.98	26.092	100.34		0
"2014-09-02	21:00:00"	17.09	140.4	7.408	24.86	13.31	140.9	8.4	21.28	89.6	89.5	0.053	33.91	32.3	26.111	4.4372		0
"2014-09-02	22:00:00"	18.82	148.3	8.83	28.43	14.89	148.6	9.63	24.26	87.4	87.3	0.093	37.18	35.67	26.142	0		0
"2014-09-02	23:00:00"	17.65	156.9	9.91	30.82	14.17	156	10.64	23.66	84.8	84.7	0.085	41.01	39.4	26.17	0		0
"2014-09-03	00:00:00"	15.11	162.2	10.22	24.26	11.99	161.3	11.73	21.28	82.6	82.5	0.118	44.99	43.42	26.189	0		0
"2014-09-03	01:00:00"	11.36	161.7	10.83	19.49	9.01	161.2	12.25	15.91	80.5	80.3	0.146	49.07	47.65	26.199	0		0
"2014-09-03	02:00:00"	11.97	166.8	8.5	19.49	9.36	166.3	10.26	15.31	79.12	78.95	0.179	52.53	51.28	26.195	0		0
"2014-09-03	03:00:00"	10.67	169	8.22	16.51	8.19	168.7	10.41	14.12	77.85	77.63	0.223	54.74	53.63	26.187	0		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-03	04:00:00"	8.94	167.4	8.33	13.52	6.86	167	9.57	11.14	75.8	75.54	0.265	57.79	56.86	26.18	0	0
"2014-09-03	05:00:00"	10.55	171	7.45	15.91	8.11	170.1	9.99	13.52	74.79	74.58	0.217	60.19	59.22	26.179	0	0
"2014-09-03	06:00:00"	8.68	161.7	10.58	14.12	6.847	160.3	11.45	11.74	73.53	73.39	0.135	67.25	66.22	26.183	0	0
"2014-09-03	07:00:00"	8.95	160.8	10.35	14.72	7.048	160.8	11.65	11.74	72.37	72.27	0.1	73	72.04	26.186	0	0
"2014-09-03	08:00:00"	10.36	159.8	10	15.91	8.28	158.5	10.91	12.33	71.54	71.5	0.037	76	75.01	26.198	13.7	0
"2014-09-03	09:00:00"	13.56	161.6	10.5	22.47	10.86	161.2	11.87	19.49	72.11	72.39	-0.278	76.68	75.1	26.207	152.52	0
"2014-09-03	10:00:00"	16.94	169.7	10.24	23.66	13.42	169.4	12.47	20.68	73.8	74.58	-0.787	74.73	72.1	26.216	356.04	0
"2014-09-03	11:00:00"	15.52	170.2	11.15	22.47	12.36	169.8	13.45	18.3	75.95	77.26	-1.316	69.42	65.81	26.22	556.71	0
"2014-09-03	12:00:00"	16.3	171.3	12.13	25.45	13.02	171.7	14.78	22.47	78.78	80.5	-1.698	62.47	58.29	26.221	732.84	0
"2014-09-03	13:00:00"	14.65	170.6	11.59	23.07	11.73	169.9	13.72	19.49	81.7	83.8	-2.112	55.42	50.77	26.21	851.43	0
"2014-09-03	14:00:00"	14.98	172.2	13.37	22.47	12.05	172.2	15.82	20.68	84.5	86.6	-2.175	49.18	44.59	26.195	905.31	0
"2014-09-03	15:00:00"	15.62	159.7	16.6	25.45	12.67	160.3	17.93	20.68	87	89.2	-2.196	41.74	37.79	26.179	879.28	0
"2014-09-03	16:00:00"	16.93	167.4	15.38	28.43	13.7	167.5	16.83	23.66	88.6	90.7	-2.073	37.55	34.22	26.161	830.07	0
"2014-09-03	17:00:00"	18.44	162.5	16.41	27.84	14.75	162.7	17.34	22.47	88.9	90.8	-1.913	38.68	35.41	26.143	706.36	0
"2014-09-03	18:00:00"	17.99	163.3	13.33	27.84	14.39	162.7	14.75	24.26	88.7	90	-1.292	38.63	35.9	26.139	432.41	0
"2014-09-03	19:00:00"	18.99	161.9	12.07	29.03	15.27	160.8	13.19	23.66	86.6	87.3	-0.682	41.89	39.32	26.154	208.68	0
"2014-09-03	20:00:00"	17.5	154.4	10.15	27.84	14.24	154.3	10.51	23.07	84.6	84.9	-0.268	44.31	42.15	26.162	60.721	0
"2014-09-03	21:00:00"	16.84	157.5	9.79	27.24	13.5	156.8	10.74	23.66	82.9	82.9	-0.042	46.97	45.16	26.173	2.6481	0
"2014-09-03	22:00:00"	14.49	160.6	9.82	23.66	11.62	159.6	10.78	19.49	81.4	81.4	0.04	48.96	47.34	26.187	0	0
"2014-09-03	23:00:00"	13.33	165.1	9.41	22.47	10.59	164.7	10.89	19.49	79.46	79.43	0.027	53.95	52.45	26.197	0	0
"2014-09-04	00:00:00"	16.87	160.5	9.76	29.03	13.67	159.1	10.67	23.66	77.13	77.16	-0.025	58.66	57.16	26.198	0	0
"2014-09-04	01:00:00"	18.35	163	9.71	35	14.62	161.9	11.15	27.24	74.63	74.66	-0.023	63.8	62.45	26.199	0	0
"2014-09-04	02:00:00"	15.92	166.4	9.25	24.86	12.41	165.4	11.13	21.28	72.11	72.14	-0.027	68.51	67.27	26.197	0	0
"2014-09-04	03:00:00"	16.82	167	9.46	27.24	13.33	166.7	12.01	22.47	70.92	70.95	-0.022	71.66	70.48	26.193	0	0
"2014-09-04	04:00:00"	16.12	172.5	7.36	27.24	12.59	171.9	10.4	21.28	69.68	69.74	-0.058	76.43	75.28	26.199	0	0
"2014-09-04	05:00:00"	15.05	173.6	7.464	26.65	11.72	173.1	10.62	21.87	69.12	69.27	-0.152	78.88	77.56	26.202	0	0
"2014-09-04	06:00:00"	17.2	170.5	8.39	24.86	13.53	169.9	11.08	20.68	68.87	69.06	-0.195	79	77.6	26.202	0	0
"2014-09-04	07:00:00"	13.82	165.6	9.62	23.66	11.04	164.8	11.53	18.89	67.88	68.01	-0.139	81.5	80.2	26.21	0	0
"2014-09-04	08:00:00"	12.07	158.5	11.21	23.07	9.65	158.2	12.13	18.3	67.57	67.76	-0.195	82.2	80.9	26.218	4.3522	0
"2014-09-04	09:00:00"	15.31	167.5	9.98	23.07	12.13	167	11.9	19.49	68.47	68.83	-0.361	79.97	78.21	26.236	81.754	0
"2014-09-04	10:00:00"	18.3	170.4	9.12	26.05	14.4	170.1	11.44	21.28	70.46	71.26	-0.799	75.52	72.82	26.244	323.19	0
"2014-09-04	11:00:00"	19.8	170	9.68	29.63	15.66	169.2	11.84	24.26	73.58	74.82	-1.234	68.61	65.07	26.251	547.38	0
"2014-09-04	12:00:00"	19.08	170.9	11.09	29.03	15.2	170.3	13.23	26.65	76.34	77.98	-1.647	62.07	57.9	26.254	719.72	0
"2014-09-04	13:00:00"	18.73	173.2	11.24	29.03	14.87	172.5	14.2	24.86	78.52	80.5	-1.984	56.6	51.96	26.248	741.77	0
"2014-09-04	14:00:00"	18.24	171.4	11.46	26.65	14.59	170.6	14.01	23.66	80.5	82.6	-2.065	52.48	47.87	26.235	816.63	0
"2014-09-04	15:00:00"	19.96	171.4	13.44	30.82	15.93	170.9	15.95	26.05	83.6	85.7	-2.043	44.97	40.54	26.215	796.08	0
"2014-09-04	16:00:00"	21.57	165.8	13.07	33.21	17.24	165.4	14.51	29.03	85.2	87.1	-1.893	40.71	37.16	26.194	808.39	0
"2014-09-04	17:00:00"	21.74	165.7	12.62	35.59	17.31	165.4	14.32	29.03	85.5	87	-1.584	39.52	36.45	26.178	615.69	0
"2014-09-04	18:00:00"	22.22	157.8	12.4	33.21	17.81	157.4	12.89	27.24	84.6	85.4	-0.809	39.22	36.85	26.177	277.17	0
"2014-09-04	19:00:00"	23.57	154.7	10.42	36.19	19.09	154	10.93	30.22	82.4	82.9	-0.443	34.62	32.63	26.193	157.03	0
"2014-09-04	20:00:00"	24.17	153	10.42	36.19	19.44	152.8	10.94	30.22	81.2	81.4	-0.213	33.36	31.53	26.197	75.615	0
"2014-09-04	21:00:00"	20.75	154.2	9.75	32.01	16.6	153.5	10.31	29.03	79.36	79.39	-0.023	40.51	38.8	26.205	0.95446	0
"2014-09-04	22:00:00"	18.01	156.7	9.79	28.43	14.51	155.7	10.19	24.86	77.96	77.95	0.01	47.36	45.63	26.224	0	0
"2014-09-04	23:00:00"	16.09	157.8	9.81	24.86	13.03	156.4	10.75	21.87	77.19	77.18	0.007	49.73	48.07	26.248	0	0
"2014-09-05	00:00:00"	17.17	153.1	9.4	26.65	13.92	152.8	10.07	23.07	75.93	75.92	0.011	54.23	52.67	26.255	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-05	01:00:00"	18.29	154.9	9.42	29.63	14.79	154.3	10.2	24.26	74.64	74.63	0.003	56.59	55.07	26.257	0	0
"2014-09-05	02:00:00"	16.24	161.5	10.83	25.45	12.97	161.1	12.36	21.28	73.62	73.63	-0.004	58.58	57.12	26.268	0	0
"2014-09-05	03:00:00"	15.15	153.2	9.38	23.66	12.21	152.7	9.67	23.07	72.53	72.55	-0.019	63.47	62.08	26.272	0	0
"2014-09-05	04:00:00"	12.87	148.9	9.34	18.89	10.12	148.9	10.05	15.91	71.72	71.78	-0.054	68.67	67.31	26.273	0	0
"2014-09-05	05:00:00"	11.28	141.1	9.41	17.1	8.82	141.8	10	14.12	70.43	70.4	0.03	73	71.88	26.27	0	0
"2014-09-05	06:00:00"	10.47	133.2	8.57	16.51	8.01	134.9	9.58	14.12	69.63	69.55	0.071	76.33	75.37	26.273	0	0
"2014-09-05	07:00:00"	10.86	128.2	9.87	14.72	8.38	130.6	11.25	12.33	69.65	69.81	-0.165	77.55	76.13	26.287	0	0
"2014-09-05	08:00:00"	11.34	139.4	9.06	17.1	8.98	140.5	10.25	14.12	70.23	70.44	-0.207	77.91	76.43	26.3	6.4935	0
"2014-09-05	09:00:00"	12.69	145.8	10	19.49	10.09	146.4	10.9	18.3	70.93	71.25	-0.319	77.88	76.19	26.306	57.756	0
"2014-09-05	10:00:00"	14.3	148.7	12.94	26.05	11.45	148.8	13.05	21.28	71.9	72.29	-0.383	75.5	73.65	26.312	94.774	0
"2014-09-05	11:00:00"	16.06	163.4	13.2	23.07	12.77	163	14.69	21.87	73.14	73.92	-0.779	72.01	69.39	26.319	261.59	0
"2014-09-05	12:00:00"	14.72	173.4	9.87	20.68	11.63	172.4	12.29	18.89	74.86	76	-1.143	67.58	64.31	26.323	368.69	0
"2014-09-05	13:00:00"	13.43	163.9	15.19	22.47	10.86	164	16.95	18.3	76.8	78.3	-1.499	63.08	59.21	26.314	528.34	0
"2014-09-05	14:00:00"	13.19	168.1	14.57	21.87	10.48	167.6	16.43	17.7	76.64	77.68	-1.039	64.95	62.93	26.3	326.06	0
"2014-09-05	15:00:00"	12.56	155	11.44	20.09	10.25	154.3	12.31	17.1	77.42	78.19	-0.77	63.57	61.46	26.284	312.82	0
"2014-09-05	16:00:00"	13.71	118.2	20.27	27.84	10.88	120.1	22.15	23.07	75.57	76.5	-0.926	69.61	67.11	26.271	232.59	0
"2014-09-05	17:00:00"	14.93	148.8	17.94	26.05	11.93	148.2	18.42	22.47	78	78.35	-0.347	62.5	61.93	26.251	291.15	0
"2014-09-05	18:00:00"	19.21	157	11.34	29.03	15.56	156.4	12.07	25.45	78.29	78.67	-0.378	58.38	56.45	26.237	149.38	0
"2014-09-05	19:00:00"	15.35	163.3	9.8	24.86	12.28	162.3	11.23	21.28	76.3	76.52	-0.225	60.35	58.65	26.252	48.193	0
"2014-09-05	20:00:00"	10.89	158.7	11.18	17.1	8.68	158.7	12.47	14.72	76.24	76.3	-0.067	59.37	58.36	26.268	40.265	0
"2014-09-05	21:00:00"	12.86	135.5	10.63	19.49	9.95	137.5	11.33	15.91	75.52	75.48	0.036	57.17	55.91	26.29	1.1557	0
"2014-09-05	22:00:00"	12.1	128.9	7.809	17.1	9.23	131.5	9.81	14.72	73.71	73.76	-0.052	64.59	63.23	26.317	0	0
"2014-09-05	23:00:00"	9.83	131	9.05	15.31	7.5	132.3	10.72	12.93	72.24	72.1	0.142	70.04	70.16	26.336	0	0.01
"2014-09-06	00:00:00"	7.728	133	8.54	12.33	5.658	133.3	9.93	9.35	70.28	69.83	0.446	76.5	78.59	26.349	0.39494	0.02
"2014-09-06	01:00:00"	4.781	114.2	11.08	7.561	3.074	109.7	15.48	5.771	69.27	68.85	0.417	80.2	82.8	26.352	0.78516	0.01
"2014-09-06	02:00:00"	5.692	65.63	25.88	10.54	3.889	65.4	23.84	8.16	68.91	68.67	0.241	82.1	83.7	26.356	0.49839	0
"2014-09-06	03:00:00"	8.04	55.78	14.88	11.14	6.037	58.48	16.3	9.95	68.47	68.41	0.06	86.1	86.3	26.354	0	0
"2014-09-06	04:00:00"	10.55	65.5	9.01	18.3	7.582	67.55	12.7	14.72	67.81	67.81	0.003	88	87.9	26.352	0	0
"2014-09-06	05:00:00"	12.34	57.44	8.97	17.7	9.2	59.38	11.52	14.72	66.7	66.72	-0.017	89.1	88.7	26.351	0.0001	0
"2014-09-06	06:00:00"	13.76	49.85	9.4	21.28	10.71	52.78	11.23	17.1	65.86	65.93	-0.073	88.5	88	26.355	0	0
"2014-09-06	07:00:00"	15.92	45.82	9.35	24.86	12.47	48.75	10.78	21.28	64.65	64.75	-0.11	89	88.4	26.362	0	0
"2014-09-06	08:00:00"	16.44	51.19	8.96	24.86	12.65	53.59	10.84	21.28	64.02	64.11	-0.099	88.9	88.3	26.374	1.2204	0
"2014-09-06	09:00:00"	16.85	47.51	8.68	24.86	12.67	50.07	11.24	21.87	63.09	63.2	-0.109	89.4	89	26.388	14.335	0.05
"2014-09-06	10:00:00"	17.82	51.53	9.12	27.24	13.25	53.75	11.53	21.87	62.36	62.47	-0.102	88.6	88.4	26.392	36.98	0.02
"2014-09-06	11:00:00"	17.8	50.01	11.79	24.86	13.13	52.16	13.75	21.28	62.14	62.33	-0.194	88.8	88.7	26.409	87.801	0.02
"2014-09-06	12:00:00"	17.3	38.68	8.04	24.86	13.29	42.17	11.05	21.87	61.11	61.45	-0.348	89.2	89	26.42	108.05	0.05
"2014-09-06	13:00:00"	17.13	35.85	7.992	24.26	13.51	39.74	11.14	19.49	60.81	61.16	-0.345	88.5	88.5	26.423	114.32	0.01
"2014-09-06	14:00:00"	16.79	34.38	7.309	24.26	13.36	37.74	10.74	21.87	60.79	61.14	-0.357	89	88.9	26.413	99.67	0.06
"2014-09-06	15:00:00"	16.18	37.46	7.697	23.07	12.73	41.29	10.57	20.09	60.94	61.23	-0.291	89.4	89.2	26.407	61.474	0.03
"2014-09-06	16:00:00"	14.15	40.16	7.738	19.49	11.17	43.76	10.57	17.7	60.97	61.2	-0.226	89.2	89.1	26.407	54.024	0.01
"2014-09-06	17:00:00"	15.42	42.65	7.958	21.28	12.03	46.57	10.17	18.3	61.04	61.41	-0.367	89.3	89.2	26.392	131.4	0
"2014-09-06	18:00:00"	14.69	49.37	9.22	21.28	11.57	51.92	10.55	17.1	61.78	62.04	-0.259	87.9	87.6	26.385	120.62	0
"2014-09-06	19:00:00"	14.9	47.08	8.94	20.68	11.66	50.02	10.96	18.3	61.99	62.19	-0.206	87.1	86.8	26.379	62.167	0
"2014-09-06	20:00:00"	13.2	52.8	11.35	20.09	9.98	55.06	13.04	17.1	61.72	61.86	-0.138	88.1	87.8	26.38	24.139	0
"2014-09-06	21:00:00"	12.41	55.22	9.61	18.3	9.45	56.45	11.81	15.31	61.62	61.71	-0.089	88.7	88.2	26.392	0.92791	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-06	22:00:00"	11.33	63.25	10.53	17.7	8.25	64.66	13.79	14.72	61.31	61.39	-0.079	88.3	88	26.414	0	0
"2014-09-06	23:00:00"	10.74	59.78	10.03	16.51	7.85	60.84	13.02	13.52	61.5	61.57	-0.071	88.6	88.2	26.429	0	0
"2014-09-07	00:00:00"	12.8	47.51	9.63	18.3	9.93	50.74	11.17	15.91	61.38	61.44	-0.057	89.6	89.4	26.429	0	0
"2014-09-07	01:00:00"	12.6	47.71	9.17	18.3	9.72	50.68	10.6	15.91	61.08	61.14	-0.058	90.7	90.4	26.427	0.51989	0
"2014-09-07	02:00:00"	12.13	47.98	8.96	17.7	9.41	50.43	10.73	14.12	61.13	61.19	-0.059	91.1	90.9	26.422	0.69012	0
"2014-09-07	03:00:00"	12.25	45.44	9.02	18.89	9.44	48.76	10.71	16.51	60.84	60.92	-0.077	91.3	91	26.411	0.69309	0
"2014-09-07	04:00:00"	11.11	44.29	8.12	16.51	8.62	47.81	10.04	14.72	60.57	60.69	-0.116	91.3	91	26.399	0.93981	0
"2014-09-07	05:00:00"	10.49	48.39	9.1	14.72	8.11	51.52	10.73	12.33	60.74	60.83	-0.089	91.2	90.7	26.392	0.74322	0.02
"2014-09-07	06:00:00"	10.19	61.32	9.09	14.12	7.168	62.37	12.82	12.93	60.8	60.87	-0.067	91	90.6	26.387	0.86869	0
"2014-09-07	07:00:00"	10.49	66.65	9	16.51	7.385	68.43	13.23	12.93	60.93	61	-0.068	91.1	90.7	26.388	0.75492	0
"2014-09-07	08:00:00"	10.62	72.29	9.05	14.72	7.749	75.46	11.76	12.33	60.98	61.06	-0.079	91.1	90.7	26.387	4.4142	0
"2014-09-07	09:00:00"	10.44	72.8	7.935	15.31	7.678	75.61	10.74	12.33	61.14	61.24	-0.098	91.2	90.8	26.398	15.343	0.01
"2014-09-07	10:00:00"	9.19	77.27	8.27	14.12	6.996	80.4	10.23	11.74	61.59	61.77	-0.177	91.4	91	26.407	49.637	0
"2014-09-07	11:00:00"	10.24	74.29	8.31	14.72	7.664	77.04	11.15	11.74	62.09	62.32	-0.224	91.3	90.9	26.419	79.857	0
"2014-09-07	12:00:00"	9.48	81.3	10.64	14.12	7.09	84.3	12.75	12.33	62.33	62.59	-0.26	91.4	91	26.428	68.676	0.01
"2014-09-07	13:00:00"	6.346	83.5	10.98	8.75	4.809	86	13.24	7.561	62.76	63.07	-0.306	91.5	91.1	26.427	89.983	0.05
"2014-09-07	14:00:00"	5.484	71.36	12.91	8.75	4.035	73	14.93	6.964	63.43	63.75	-0.315	91.4	91	26.416	83.858	0.01
"2014-09-07	15:00:00"	5.497	76.51	17.5	8.16	4.447	79.17	19.73	6.964	64.3	64.78	-0.479	91	90.5	26.395	224.62	0.01
"2014-09-07	16:00:00"	5.204	101.9	22.02	8.16	4.446	104.5	25.51	7.561	65.8	66.37	-0.572	88.4	87.8	26.369	307.46	0
"2014-09-07	17:00:00"	2.498	170.8	59.35	6.368	2.149	177.9	61.46	5.771	67.52	67.9	-0.371	83.7	83	26.342	216.34	0
"2014-09-07	18:00:00"	3.973	142.8	21.96	6.964	3.338	143.1	24.27	6.368	68.48	68.88	-0.398	81.7	81.1	26.326	166.74	0
"2014-09-07	19:00:00"	2.13	77.55	52.06	4.578	1.635	69.23	44.93	4.578	69.44	69.71	-0.274	79.87	79.14	26.32	85.676	0
"2014-09-07	20:00:00"	1.477	52.03	51.12	3.982	1.094	48.08	48.96	2.789	69.62	69.76	-0.146	78.91	78.34	26.32	22.383	0
"2014-09-07	21:00:00"	1.856	88.8	28.03	2.789	1.002	86.9	27.3	2.193	69.58	69.55	0.03	79.88	80.6	26.322	0.42551	0
"2014-09-07	22:00:00"	4.471	104.4	20.69	6.368	2.387	107	23.73	3.982	69.2	68.11	1.095	81.1	86	26.331	0	0
"2014-09-07	23:00:00"	6.853	121.2	15.43	9.95	4.406	117.1	19.15	6.964	67.73	66.82	0.91	84.6	87.2	26.344	0	0
"2014-09-08	00:00:00"	5.594	139.1	7.621	8.16	3.787	138.1	8.2	6.368	66.75	66.27	0.485	86.4	87.3	26.35	0	0
"2014-09-08	01:00:00"	5.207	150.7	9.14	7.561	3.685	149.9	9.85	5.771	65.95	65.66	0.294	88.3	88.6	26.344	0.05713	0
"2014-09-08	02:00:00"	6.513	152.7	11.5	10.54	4.773	151.6	12.41	8.75	65.71	65.44	0.264	89.7	89.8	26.333	0.34506	0
"2014-09-08	03:00:00"	4.738	166.8	9.98	8.16	3.521	164.3	11.74	6.368	65.42	65.31	0.106	90.5	90.4	26.334	0.3556	0
"2014-09-08	04:00:00"	4.724	174.5	6.265	8.16	3.332	170.6	8.52	6.964	65.33	65.11	0.22	89.5	89.5	26.331	0.37314	0
"2014-09-08	05:00:00"	2.089	175	7.469	3.982	1.018	173.5	8.17	2.193	64.7	64.36	0.341	90.1	90.2	26.323	0.68245	0
"2014-09-08	06:00:00"	2.227	127.1	17.09	4.578	1.077	80.9	48.06	2.789	64.17	62.87	1.298	90.6	90.8	26.315	0.69012	0
"2014-09-08	07:00:00"	3.517	99.1	12.87	5.771	1.376	74.08	24.78	3.982	62.79	61.49	1.299	91.3	91.2	26.306	0.87386	0
"2014-09-08	08:00:00"	3.714	64.55	19.42	4.578	2.33	39.21	20.6	3.982	62.41	61.07	1.342	91.8	91.5	26.308	10.148	0
"2014-09-08	09:00:00"	4.333	103.9	14.61	7.561	3.194	94.8	25.46	6.368	64.03	63.7	0.327	92.1	92.1	26.312	144.31	0
"2014-09-08	10:00:00"	7.964	142.8	8.61	12.93	6.519	141.2	9.93	10.54	66.41	66.65	-0.233	91.3	90.5	26.316	191.97	0
"2014-09-08	11:00:00"	8.98	172.6	14.31	14.72	7.178	171.7	17.23	11.74	68.27	68.81	-0.542	86.6	85.6	26.325	242.13	0
"2014-09-08	12:00:00"	8.3	196.8	16.55	13.52	6.675	198.1	19.5	10.54	70.68	71.3	-0.624	80.7	79.71	26.331	333.17	0
"2014-09-08	13:00:00"	7.892	209.6	15.93	13.52	6.575	212.5	18.87	12.33	73.21	74.13	-0.926	75.31	73.78	26.319	671.72	0
"2014-09-08	14:00:00"	8.71	199.1	18.76	14.72	7.169	200	22.08	12.33	75.94	77.3	-1.361	69.25	67.06	26.303	873.6	0
"2014-09-08	15:00:00"	9.21	200	20.25	15.91	7.625	201.8	25.08	13.52	78.66	80.1	-1.413	61.81	59.19	26.283	849.18	0
"2014-09-08	16:00:00"	9.83	201.4	19.5	16.51	8.09	203.4	22.5	14.72	81.3	82.6	-1.358	53.02	50.43	26.259	784.54	0
"2014-09-08	17:00:00"	9.55	198.9	22.46	17.7	7.73	200.2	25.94	15.91	82.9	84.1	-1.248	48.4	45.88	26.237	653.62	0
"2014-09-08	18:00:00"	9.51	195.9	15.83	18.3	7.692	198.5	19.11	16.51	83.6	84.6	-1.04	47.09	44.8	26.219	492.95	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-08	19:00:00"	11.84	180.8	13.57	17.7	9.35	181.4	17.18	14.72	83.6	84.3	-0.698	48.28	46.43	26.206	253.52	0	
"2014-09-08	20:00:00"	10.22	179.8	7.943	15.91	7.88	179.8	11.62	14.12	82.4	82.4	0.007	50.4	49.59	26.215	77.318	0	
"2014-09-08	21:00:00"	9.09	167	9.32	11.74	6.864	164.5	10.49	10.54	79.7	79.2	0.496	54.67	54.9	26.216	0.87522	0	
"2014-09-08	22:00:00"	7.496	161.4	9.39	12.33	5.665	160.5	9.99	9.35	78.04	77.47	0.572	58.16	58.54	26.229	0	0	
"2014-09-08	23:00:00"	8.48	161.4	9.54	13.52	6.455	160.2	10.18	11.14	76.68	76.17	0.513	60.44	60.7	26.24	0	0	
"2014-09-09	00:00:00"	8.9	161.7	9.45	13.52	6.87	160.7	10.57	11.14	75.09	74.62	0.472	62.7	62.91	26.244	0	0	
"2014-09-09	01:00:00"	12.53	169.3	7.506	18.89	9.52	168.4	9.86	15.31	75.48	74.94	0.542	60.25	60.43	26.244	0	0	
"2014-09-09	02:00:00"	12.91	173.1	6.739	18.3	9.79	172.2	9.76	14.72	74.4	73.92	0.477	63.22	63.31	26.241	0	0	
"2014-09-09	03:00:00"	10.34	182.4	8.11	15.91	7.908	183.4	11.72	12.33	72.83	72.41	0.423	67.17	67.23	26.242	0	0	
"2014-09-09	04:00:00"	8.91	184.2	8.35	12.93	6.639	185.9	11.97	11.14	71.16	70.72	0.439	71.18	71.44	26.236	0	0	
"2014-09-09	05:00:00"	9.47	179.1	9.05	13.52	7.069	179.3	13.54	11.14	70.02	69.56	0.455	73.65	74.03	26.223	0	0	
"2014-09-09	06:00:00"	8.06	189.1	7.918	12.93	5.839	195.7	12.44	9.95	69.08	68.62	0.457	75.75	76.15	26.219	0	0	
"2014-09-09	07:00:00"	6.882	189.7	7.753	11.14	4.913	195.6	11.85	8.16	68.06	67.57	0.491	77.17	77.75	26.218	0	0	
"2014-09-09	08:00:00"	6.177	189.4	9.9	9.95	4.434	193.5	13.35	8.75	67.24	66.82	0.416	78.33	78.88	26.22	10.248	0	
"2014-09-09	09:00:00"	7.633	186.2	9.71	12.33	5.797	188.2	13.77	9.95	68.35	68.4	-0.048	76.55	76.26	26.223	144.79	0	
"2014-09-09	10:00:00"	11.96	186.7	9.89	17.1	9.48	187	13.51	14.72	72.79	73.23	-0.443	67.97	66.65	26.226	346.25	0	
"2014-09-09	11:00:00"	11.73	192.7	11.56	17.1	9.38	194.3	14.53	15.31	76.45	77.39	-0.942	61.3	59.08	26.228	543.7	0	
"2014-09-09	12:00:00"	12.57	207.5	15.64	20.09	10.16	209.1	18.5	18.89	80.4	81.4	-1.041	53.95	51.35	26.226	709.79	0	
"2014-09-09	13:00:00"	13.56	216.1	15.67	21.87	11.03	217.8	19.58	18.89	82.9	84	-1.171	50.71	47.83	26.212	824.59	0	
"2014-09-09	14:00:00"	15.39	216.4	16.34	26.05	12.55	217.4	18.89	24.26	85.9	87.1	-1.211	44.91	41.93	26.182	872.12	0	
"2014-09-09	15:00:00"	16.97	220.6	16.43	27.84	13.84	222.1	18.91	24.26	87.2	88.4	-1.214	42.66	39.7	26.155	849.19	0	
"2014-09-09	16:00:00"	14.63	223.5	17.86	29.63	11.97	225.2	21.06	25.45	88.7	89.9	-1.195	40.04	37.51	26.128	758.09	0	
"2014-09-09	17:00:00"	15.54	216.8	16.59	26.05	12.74	217.9	20.21	23.66	89.9	90.8	-0.971	37.66	35.42	26.106	588.83	0	
"2014-09-09	18:00:00"	15.1	212.9	14.64	24.86	12.32	213.4	16.81	20.68	90.4	91	-0.609	36.5	34.54	26.092	404.63	0	
"2014-09-09	19:00:00"	14.6	215.2	14.71	24.26	11.95	214.6	17.32	21.28	90.5	90.9	-0.356	35.7	33.94	26.085	251.96	0	
"2014-09-09	20:00:00"	12.64	216.5	12.67	22.47	10.15	217.6	15.56	19.49	89.8	89.8	0.03	35.5	34.05	26.081	87.621	0	
"2014-09-09	21:00:00"	8.1	224.6	13.44	14.72	6.49	225	14.67	12.93	86.8	86.5	0.329	38.15	37.06	26.087	1.0476	0	
"2014-09-09	22:00:00"	7.128	218.1	13.21	12.33	5.589	216.1	15.62	9.95	83.4	83	0.431	42.45	41.52	26.103	0	0	
"2014-09-09	23:00:00"	6.024	229.7	13.4	9.35	4.899	228.7	15.78	8.16	80.6	80.2	0.381	46.93	46.07	26.111	0	0	
"2014-09-10	00:00:00"	7.429	255.1	8.67	11.14	5.286	263.2	11.55	8.16	79.43	78.6	0.829	47.33	47.5	26.111	0	0	
"2014-09-10	01:00:00"	6.815	221.4	40.04	11.74	4.96	223	45.02	9.35	77.54	76.71	0.829	50.34	50.73	26.111	0	0	
"2014-09-10	02:00:00"	5.483	173.8	18.15	10.54	3.942	172.7	20.35	7.561	75.38	74.47	0.909	54.26	55.13	26.107	0	0	
"2014-09-10	03:00:00"	7.016	173.3	12.74	11.74	5.106	174	17.07	9.35	75.13	74.24	0.897	54.97	55.72	26.108	0	0	
"2014-09-10	04:00:00"	6.101	176.1	12.26	10.54	4.446	174.1	15.54	8.16	73.89	73.02	0.869	58.38	59.35	26.108	0	0	
"2014-09-10	05:00:00"	6.218	185.4	11.47	8.75	4.346	187.6	13.13	6.964	72.23	71.24	0.995	61.08	62.55	26.105	0	0	
"2014-09-10	06:00:00"	7.154	193	9.9	10.54	5.136	195.2	12.69	8.16	70	69.21	0.791	67.34	68.32	26.104	0	0	
"2014-09-10	07:00:00"	6.352	206.8	12.19	9.95	4.683	205.4	13.75	7.561	69.3	68.57	0.732	68.79	69.66	26.107	0	0	
"2014-09-10	08:00:00"	6.111	219.8	12.76	8.75	4.772	220.2	15.93	7.561	68.5	68.13	0.367	71.48	71.42	26.117	10.394	0	
"2014-09-10	09:00:00"	5.602	228.1	13.68	8.16	4.58	225.6	14.06	7.561	69.84	69.73	0.11	67.94	67.64	26.127	153.74	0	
"2014-09-10	10:00:00"	10.57	283.7	15.71	20.68	6.951	286.9	18.15	12.93	76.82	77.39	-0.571	51.98	50.38	26.134	359.06	0	
"2014-09-10	11:00:00"	15.65	306	10.7	21.87	9.39	309.5	12.82	17.7	81.7	82.8	-1.073	41.32	39.05	26.141	558.34	0	
"2014-09-10	12:00:00"	15.4	321.6	11.19	23.07	10.95	323.8	13.14	19.49	84.9	86.6	-1.737	35.68	33.09	26.15	726.47	0	
"2014-09-10	13:00:00"	12.74	329.1	16.25	18.89	9.57	330.3	17.36	17.1	86.5	88.8	-2.251	33.53	30.57	26.154	842.94	0	
"2014-09-10	14:00:00"	10.68	340	16.91	18.3	8.64	339.8	18.53	16.51	88	90.4	-2.414	31.94	28.85	26.151	895.69	0	
"2014-09-10	15:00:00"	8.43	326.3	29.91	16.51	6.455	327.1	35.23	14.72	89	91.2	-2.224	29.83	26.91	26.142	866.42	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-09-10	16:00:00"	8.87	292.7	35.23	16.51	6.628	295.6	37.82	14.12	90	92.1	-2.017	28.63	25.94	26.129	763.39	0
"2014-09-10	17:00:00"	7.722	312.5	25.45	15.31	5.613	316.3	27.24	13.52	89.8	91.1	-1.277	28.98	26.79	26.12	364.78	0
"2014-09-10	18:00:00"	5.001	23.32	50.11	10.54	4.212	22.56	53.58	9.35	90	91.1	-1.092	28.36	26.25	26.112	380.44	0
"2014-09-10	19:00:00"	5.937	3.463	20.28	12.33	5.023	4.216	24.14	11.14	90.2	91.2	-1.026	28.17	26.18	26.11	256.01	0
"2014-09-10	20:00:00"	4.86	25.16	12.91	8.16	3.761	25.04	15.77	6.368	89.1	88.9	0.165	29.72	28.9	26.118	97.612	0
"2014-09-10	21:00:00"	4.846	351.2	25.83	8.16	3.042	331.9	23.34	6.964	84.3	82	2.3	38.2	39.87	26.135	0.7134	0
"2014-09-10	22:00:00"	6.617	59.08	7.449	10.54	3.992	63.53	10.77	6.964	81.4	79.62	1.766	44.99	46.86	26.16	0	0
"2014-09-10	23:00:00"	13.15	59.45	8.89	23.66	9.72	62.61	11.23	21.28	78.68	78.29	0.389	57.02	56.19	26.183	0	0
"2014-09-11	00:00:00"	17.46	68.28	8.2	25.45	13.1	72.39	10.68	20.68	75.52	75.44	0.077	65.24	64.04	26.2	0	0
"2014-09-11	01:00:00"	16.12	68.18	7.724	24.26	11.88	72.78	10.3	20.09	73.04	72.97	0.069	68.44	67.34	26.215	0	0
"2014-09-11	02:00:00"	16.78	70.85	8.04	24.86	12.68	74.81	10.27	21.28	71.08	71.03	0.047	71.12	70.06	26.223	0	0
"2014-09-11	03:00:00"	17.81	77.85	7.866	29.03	13.72	80.3	9.71	23.66	69.45	69.42	0.035	72.23	71.16	26.234	0	0
"2014-09-11	04:00:00"	13.19	75.63	8.54	20.68	10.15	78.19	10.43	18.3	68.09	68.05	0.037	75.09	74.12	26.242	0	0
"2014-09-11	05:00:00"	10.92	66.64	8.29	15.91	8.19	70.2	10.85	14.12	67.14	67.12	0.02	76.8	75.88	26.242	0	0
"2014-09-11	06:00:00"	11.93	60.02	8.44	16.51	8.95	62.63	10.87	14.12	66.03	65.99	0.033	78.96	78.13	26.243	0	0
"2014-09-11	07:00:00"	12.65	54.53	8.17	18.3	9.83	57.21	10.2	15.31	65.23	65.2	0.032	80.3	79.49	26.252	0	0
"2014-09-11	08:00:00"	13.65	59.03	8.66	20.68	10.46	62.59	10.81	16.51	64.34	64.36	-0.019	80.5	79.6	26.257	9.6534	0
"2014-09-11	09:00:00"	15.9	47.12	10.5	26.05	12.68	49.6	12.02	23.07	65	65.27	-0.272	77.8	76.35	26.286	93.725	0
"2014-09-11	10:00:00"	17.52	45.84	9.59	25.45	13.88	49.19	11.27	23.07	66.38	67.11	-0.727	75.17	72.82	26.309	229.89	0
"2014-09-11	11:00:00"	17.56	52.85	10.31	24.86	13.9	55.98	12.12	21.28	68.02	69.08	-1.06	69.83	66.82	26.321	338.64	0
"2014-09-11	12:00:00"	16.33	54.37	14.34	23.07	13.05	57.75	16.63	20.68	70.31	72.01	-1.702	67.44	63.25	26.326	622.1	0
"2014-09-11	13:00:00"	15.1	70.02	13.99	23.66	12.1	72.8	15.96	20.09	73.39	75.45	-2.061	61.58	56.93	26.317	833.32	0
"2014-09-11	14:00:00"	14.65	83.8	17.03	24.26	11.86	87	18.37	20.09	76.16	78.23	-2.069	55.29	50.65	26.299	812.69	0
"2014-09-11	15:00:00"	12.43	98.7	16.77	18.89	10.26	101.7	18.62	17.1	77.81	79.77	-1.963	53.48	49.03	26.279	822.8	0
"2014-09-11	16:00:00"	10.77	97.3	23.49	18.3	8.91	100.7	25.42	16.51	80.3	82.3	-1.94	49.68	45.37	26.251	718.19	0
"2014-09-11	17:00:00"	9.7	95.9	24.36	17.7	8.02	98.4	27.08	15.31	81.7	83.4	-1.749	47.11	43.15	26.227	641.66	0
"2014-09-11	18:00:00"	10.59	111.8	15.98	17.7	8.64	115	18.31	15.31	82.5	83.6	-1.142	45.46	42.29	26.218	297.58	0
"2014-09-11	19:00:00"	12.47	109.1	12.02	19.49	9.93	111.4	14.81	15.91	81.9	82.6	-0.703	46.5	43.9	26.228	135.91	0
"2014-09-11	20:00:00"	16.07	117.9	10.88	23.66	12.38	120.7	13.02	19.49	80.4	80.7	-0.306	51.6	49.52	26.228	12.198	0
"2014-09-11	21:00:00"	17.99	348.9	95.2	42.75	12.2	355.6	93.6	32.61	73.7	73.73	-0.033	67.39	66.97	26.268	0.25225	0.3
"2014-09-11	22:00:00"	7.266	6.971	60.16	15.31	5.047	6.072	61.12	10.54	66.43	66.44	-0.009	86.6	87.7	26.305	0.38449	0.57
"2014-09-11	23:00:00"	4.674	106.3	60.16	11.74	3.707	107.2	59.81	9.95	67.51	67.66	-0.153	86.8	87.1	26.321	0.3461	0.03
"2014-09-12	00:00:00"	12.34	70.41	13.4	17.7	9.44	73.48	14.66	14.72	67.14	67.24	-0.103	88.4	88.5	26.319	0.35665	0
"2014-09-12	01:00:00"	12.12	79.1	7.703	17.7	9.35	82.2	9.72	15.31	66.25	66.37	-0.118	89.3	89.2	26.322	0.32205	0.01
"2014-09-12	02:00:00"	9.76	51.01	17	15.31	7.669	54.35	18.7	12.33	65.63	65.77	-0.138	89.4	89.4	26.32	0.36557	0
"2014-09-12	03:00:00"	8.91	14.42	12.67	12.93	6.888	16.11	18.2	10.54	65.33	65.44	-0.109	89.2	89.3	26.328	0.34266	0
"2014-09-12	04:00:00"	7.237	39.54	21.23	12.93	5.784	41.97	23.37	10.54	65.53	65.62	-0.095	88.8	89	26.327	0.02713	0
"2014-09-12	05:00:00"	9.35	67.47	10.44	14.72	7.088	71.26	12.22	13.52	65.07	65.14	-0.074	89	89.1	26.307	0.00192	0.01
"2014-09-12	06:00:00"	10.31	63.49	11.45	14.72	7.974	66.83	13.53	13.52	64.22	64.34	-0.126	89.6	89.6	26.297	0.00403	0
"2014-09-12	07:00:00"	10.81	75.03	10.18	15.91	8.37	77.94	11.61	14.12	63.53	63.68	-0.147	90.5	90.2	26.309	0.00757	0
"2014-09-12	08:00:00"	9.91	84.1	17.5	14.72	7.662	86.9	18.67	12.93	63.83	63.95	-0.129	90.4	90.1	26.328	0.6049	0.02
"2014-09-12	09:00:00"	8.33	63.16	23.27	12.93	6.492	67.44	24.93	11.14	64.26	64.38	-0.113	90.8	90.6	26.347	3.9457	0.19
"2014-09-12	10:00:00"	6.897	34.47	11.2	12.33	5.567	38.57	13.31	11.14	64.47	64.58	-0.112	91.1	90.9	26.359	5.5904	0.32
"2014-09-12	11:00:00"	9.35	61.16	9.26	14.72	7.015	65.25	12.25	12.93	64.62	64.72	-0.103	91.2	91	26.37	7.9786	0.13
"2014-09-12	12:00:00"	14.39	70.02	8.23	22.47	10.88	73.88	10.55	18.3	63.95	64.09	-0.136	91.1	90.7	26.366	31.514	0.2

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-12	13:00:00"	17.85	67.99	9	27.24	13.42	72.06	10.65	22.47	63.21	63.43	-0.213	90.8	90.3	26.379	75.954	0.14
"2014-09-12	14:00:00"	22.36	59.84	9.33	33.8	17.1	64.08	12.29	30.82	61.54	61.91	-0.369	90	89.3	26.352	146.76	0.11
"2014-09-12	15:00:00"	24.23	56.07	8.71	35.59	18.72	59.29	11.39	30.22	58.58	59.11	-0.528	88.2	87.4	26.356	196.64	0
"2014-09-12	16:00:00"	21.61	49.39	8.82	32.61	17.26	51.81	10.17	28.43	57.68	58.05	-0.37	85.5	85.4	26.404	133.64	0
"2014-09-12	17:00:00"	22.39	46.33	9.4	31.42	17.77	48.94	10.76	27.24	56.06	56.35	-0.286	85.4	85.5	26.398	93.078	0
"2014-09-12	18:00:00"	21.82	41.38	8.41	32.61	17.46	44.18	10.24	29.03	53.84	54.11	-0.272	86.2	86.4	26.398	58.642	0.02
"2014-09-12	19:00:00"	21.35	43.54	7.844	32.61	17.01	46.18	9.52	27.24	52.99	53.18	-0.19	85.4	85.8	26.405	35.066	0.01
"2014-09-12	20:00:00"	20.22	42.46	8.48	29.03	16.17	45.44	10.08	24.26	52.27	52.41	-0.135	85.7	86	26.424	8.1441	0
"2014-09-12	21:00:00"	18.93	47.84	9.94	27.24	14.97	50.29	11.11	24.86	51.5	51.65	-0.151	85.5	85.7	26.461	0.09782	0
"2014-09-12	22:00:00"	18.48	53.51	8.5	27.84	14.54	55.57	10.33	23.07	51.03	51.17	-0.14	85.9	86	26.484	0	0.01
"2014-09-12	23:00:00"	18.82	51.95	8.75	27.24	14.82	54.58	10.16	24.26	50.3	50.47	-0.174	86.7	86.6	26.473	0.14883	0.19
"2014-09-13	00:00:00"	17.63	52.28	9.51	27.84	13.83	54.66	10.84	23.07	49.52	49.77	-0.25	87.7	87.4	26.484	0.29469	0.08
"2014-09-13	01:00:00"	14.54	44.82	8.58	21.28	11.61	47.65	10.49	18.3	49	49.29	-0.292	87.3	86.9	26.495	0.33602	0.02
"2014-09-13	02:00:00"	14.82	44.18	8.67	21.87	11.89	46.35	10.28	18.3	49.03	49.21	-0.174	86.2	86.3	26.504	0.1518	0
"2014-09-13	03:00:00"	14.5	50.14	10.62	21.28	11.47	53.1	12.08	18.3	48.98	49.1	-0.125	85.1	85.3	26.499	0	0
"2014-09-13	04:00:00"	10.9	45.02	10.57	17.1	8.77	47.61	12.07	15.31	48.65	48.82	-0.171	86.3	86.5	26.502	0.18211	0.02
"2014-09-13	05:00:00"	10.52	44.29	10.89	17.1	8.51	47.01	12.09	14.72	48.25	48.46	-0.21	87.2	87.3	26.492	0.31963	0.01
"2014-09-13	06:00:00"	10.89	49.87	9.3	17.1	8.79	52.69	10.85	15.31	48.18	48.35	-0.173	86.4	86.7	26.498	0.20762	0.01
"2014-09-13	07:00:00"	11.44	44.58	10.04	17.7	9.11	47.71	11.59	16.51	47.79	47.99	-0.199	86.8	86.9	26.489	0.33737	0.01
"2014-09-13	08:00:00"	12.32	31.87	10.29	18.89	9.84	34.64	13.22	15.91	47.59	47.78	-0.192	87	87.2	26.492	1.6302	0
"2014-09-13	09:00:00"	10.07	31.64	8.55	15.91	8.17	35.46	11.96	12.93	47.61	47.83	-0.22	86.4	86.7	26.505	16.767	0
"2014-09-13	10:00:00"	8.85	47.76	11.24	13.52	7.281	50.31	12.43	11.74	47.65	48	-0.345	86.6	86.9	26.518	61.949	0
"2014-09-13	11:00:00"	8.99	42.52	9.92	13.52	7.523	45.16	11.47	12.33	48.12	48.62	-0.501	86.2	86.6	26.528	133.29	0
"2014-09-13	12:00:00"	7.379	53.94	16.43	12.93	6.115	57.72	18.22	12.33	48.66	49.23	-0.566	85.4	85.8	26.533	138.67	0
"2014-09-13	13:00:00"	7.097	46.77	13.26	9.95	6.008	49.17	15.28	9.35	49.05	49.79	-0.746	86.4	86.6	26.527	192.05	0
"2014-09-13	14:00:00"	6.132	65.21	15.77	10.54	5.167	67.24	17.86	9.35	50.59	51.5	-0.901	82.2	81.8	26.513	295.74	0
"2014-09-13	15:00:00"	6.631	90	18.69	11.14	5.647	92.4	21.19	9.95	51.57	52.54	-0.965	81.5	81	26.491	450.05	0
"2014-09-13	16:00:00"	5.185	116.8	26.48	9.35	4.524	120.3	29.13	9.35	53.01	53.75	-0.74	81.2	80.6	26.467	311.45	0
"2014-09-13	17:00:00"	3.532	125.5	37.86	6.368	3.194	126.3	43.6	6.368	54.01	54.55	-0.545	81.3	80.5	26.445	269.35	0
"2014-09-13	18:00:00"	3.919	162.2	31.1	7.561	3.399	162	37.28	6.964	55.45	55.95	-0.507	79.99	79.32	26.436	197.77	0
"2014-09-13	19:00:00"	5.454	166.5	16.27	8.75	4.542	167.5	19.41	7.561	55.77	56.26	-0.496	80.4	79.92	26.427	91.593	0
"2014-09-13	20:00:00"	4.186	171.8	15.5	7.561	3.553	174.1	19.47	6.368	55.66	55.98	-0.327	81.5	81	26.417	35.272	0
"2014-09-13	21:00:00"	5.416	168.3	14.66	8.16	4.477	169	17.17	6.964	55.36	55.62	-0.265	82.4	82.2	26.42	0.64942	0
"2014-09-13	22:00:00"	5.273	165.3	13.13	7.561	4.349	164.8	15.75	6.368	55.14	55.35	-0.216	83.2	82.9	26.428	0	0
"2014-09-13	23:00:00"	5.714	179.2	9.87	8.75	4.624	179	13.57	8.16	55.25	55.5	-0.25	82.7	82.6	26.438	0	0
"2014-09-14	00:00:00"	7.897	173.8	7.572	11.14	6.274	172.6	10.77	9.95	54.99	55.24	-0.258	84.2	84.2	26.442	0	0
"2014-09-14	01:00:00"	7.903	181.4	8.85	11.74	6.181	179.6	13.18	9.95	54	54.29	-0.291	88.9	88.7	26.435	0	0
"2014-09-14	02:00:00"	7.235	192	12.73	10.54	5.871	188.5	15	8.75	53.72	53.96	-0.246	89.8	89.4	26.427	0	0
"2014-09-14	03:00:00"	4.911	205	15.27	8.16	4.055	202.5	18.15	6.964	53.81	54.02	-0.209	90	89.6	26.417	0	0
"2014-09-14	04:00:00"	4.839	209.8	16.96	6.964	4.038	205.1	16.92	6.368	53.97	54.17	-0.191	90.2	89.7	26.413	0	0
"2014-09-14	05:00:00"	3.555	221.1	20.45	6.964	2.916	217.3	22.17	5.175	54.06	54.22	-0.162	90.3	89.9	26.402	0.0046	0
"2014-09-14	06:00:00"	2.525	221	49.19	5.175	2.065	221.8	52.77	4.578	54.2	54.34	-0.147	90.6	90.3	26.396	0.23175	0
"2014-09-14	07:00:00"	5.097	177.4	9.34	7.561	4.121	173.9	12.74	6.368	54.42	54.66	-0.245	90.8	90.4	26.402	0.20605	0
"2014-09-14	08:00:00"	6.641	163.7	11.02	9.95	5.313	160.2	12.09	8.16	54.6	54.8	-0.203	91	90.6	26.411	1.8797	0
"2014-09-14	09:00:00"	6.852	156.2	10.24	9.95	5.58	154.2	10.89	8.75	54.95	55.17	-0.22	91.2	90.9	26.427	37.196	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-14	10:00:00"	6.968	154.2	12.98	9.95	5.708	153.3	13.4	9.35	55.74	56.06	-0.322	91.4	91.1	26.444	90.158	0
"2014-09-14	11:00:00"	6.973	148.6	11.06	9.95	5.713	147.6	11.22	8.75	56.53	56.93	-0.393	91.5	91.1	26.45	107.81	0
"2014-09-14	12:00:00"	6.168	144.6	14.42	9.95	5.138	144.8	14.52	8.16	57.42	57.91	-0.487	91.5	90.8	26.452	141.51	0
"2014-09-14	13:00:00"	6.722	140.8	18.01	11.14	5.502	141.7	17.82	9.35	58.64	59.22	-0.581	90.9	89.3	26.448	182.55	0.01
"2014-09-14	14:00:00"	6.144	159	15.63	9.95	5.12	158.7	16.77	8.16	59.57	60.12	-0.548	88.5	87.1	26.44	175.27	0
"2014-09-14	15:00:00"	7.708	172	15.48	11.74	6.277	171.9	18.24	11.14	61.44	62.09	-0.65	84.8	83.7	26.419	260.04	0
"2014-09-14	16:00:00"	9.24	159	17.48	16.51	7.544	159.2	18.24	12.33	62.6	63.4	-0.798	82.4	81.5	26.403	304.31	0
"2014-09-14	17:00:00"	10.24	143	12.44	15.31	8.25	143.9	12.22	12.93	63	63.62	-0.617	83.1	82.4	26.39	201.72	0
"2014-09-14	18:00:00"	11.05	149.5	11.54	15.91	8.94	150	11.96	15.31	64.41	64.87	-0.462	80.8	80.3	26.384	193.47	0
"2014-09-14	19:00:00"	11.99	150.3	12.6	17.1	9.52	150.6	12.36	14.72	65.76	66.04	-0.278	78.3	78.02	26.376	147.18	0
"2014-09-14	20:00:00"	12.82	150.8	10.86	18.89	10.3	150.8	11.2	16.51	65.43	65.44	-0.01	79.1	79.02	26.373	28.821	0
"2014-09-14	21:00:00"	10.47	150.3	10.28	19.49	8.29	150.8	11.77	17.1	64.02	64	0.026	83.8	83.7	26.373	0.30342	0
"2014-09-14	22:00:00"	7.499	149.5	14.45	13.52	6.027	149.4	14.76	11.74	63.35	63.34	0.014	86.5	86.3	26.377	0	0
"2014-09-14	23:00:00"	6.017	174	14.1	8.75	4.61	173.4	17.22	7.561	62.78	62.66	0.12	88.7	88.5	26.385	0	0
"2014-09-15	00:00:00"	9.98	176.2	7.296	15.31	7.648	174.1	10.14	12.93	62.96	62.91	0.051	88.4	88.3	26.389	0	0
"2014-09-15	01:00:00"	9.13	177.9	6.945	12.93	6.995	176.7	10.55	10.54	62.59	62.63	-0.034	89.3	89.1	26.388	0	0
"2014-09-15	02:00:00"	12.15	176.9	6.709	18.89	9.28	173.9	10.31	15.31	62.92	62.93	-0.002	89.5	89.1	26.382	0	0
"2014-09-15	03:00:00"	12.71	178.1	8.29	18.89	9.83	176.1	11.85	17.1	63.29	63.29	0.002	88.9	88.5	26.381	0	0
"2014-09-15	04:00:00"	12.49	176.9	6.626	18.3	9.56	174.6	9.83	14.72	63.26	63.26	-0.006	89.3	89	26.375	0	0
"2014-09-15	05:00:00"	11.25	176.3	6.946	17.1	8.64	174	10.43	13.52	63.41	63.39	0.022	88.9	88.6	26.363	0	0
"2014-09-15	06:00:00"	8.96	177.2	6.893	14.72	6.878	175.4	9.98	11.14	63.49	63.47	0.025	88.5	88.2	26.362	0	0
"2014-09-15	07:00:00"	9.63	172.2	7.776	14.72	7.363	170.2	10.64	11.14	63.61	63.57	0.039	87.9	87.7	26.366	0	0
"2014-09-15	08:00:00"	8.57	171.6	8.02	13.52	6.635	169.3	11.02	9.95	63.42	63.41	0.004	88.2	88	26.378	1.8374	0
"2014-09-15	09:00:00"	8.2	164	10.75	15.31	6.466	161.4	11.86	11.74	63.57	63.69	-0.12	88.6	88.3	26.381	77.79	0
"2014-09-15	10:00:00"	11.88	173.7	8.31	17.1	9.31	172.5	11.32	14.12	64.83	65.1	-0.275	86.3	85.7	26.384	139.24	0
"2014-09-15	11:00:00"	11.76	177.8	8.25	16.51	9.14	177.5	11.6	13.52	66.16	66.54	-0.382	82.6	82	26.395	186.04	0
"2014-09-15	12:00:00"	10.54	181	10.07	14.72	8.23	181.9	14.36	12.93	67.59	68.08	-0.496	79.51	78.88	26.397	246.72	0
"2014-09-15	13:00:00"	10.28	182.6	10.7	14.72	8.06	184.2	15.37	12.93	69.19	69.82	-0.625	75.41	74.76	26.394	333.3	0
"2014-09-15	14:00:00"	7.937	183.7	15	12.93	6.463	184.6	19.02	10.54	70.28	70.95	-0.666	73.02	72.24	26.385	334.38	0
"2014-09-15	15:00:00"	6.884	164.5	18.07	11.74	5.523	165.8	20.26	9.35	71.18	71.53	-0.352	71.96	71.66	26.37	167.36	0
"2014-09-15	16:00:00"	6.442	158.2	18.94	10.54	5.278	158.1	19.39	9.35	71.35	71.67	-0.318	71.56	71.32	26.355	204.79	0
"2014-09-15	17:00:00"	6.796	140.2	17.14	9.95	5.55	142.6	17.41	8.75	72.14	72.51	-0.371	69.8	69.55	26.345	221.94	0
"2014-09-15	18:00:00"	7.82	131.4	13.45	11.74	6.251	132.8	14.5	9.95	72.69	72.96	-0.268	68.21	68.31	26.342	176.37	0
"2014-09-15	19:00:00"	7.237	129.9	16.51	11.74	5.693	131.4	16.39	10.54	72.47	72.48	-0.011	70.39	70.7	26.353	72.787	0
"2014-09-15	20:00:00"	5.518	104.7	7.951	9.35	4.261	105.9	10.23	7.561	71.68	71.49	0.187	72.57	73.16	26.362	22.335	0
"2014-09-15	21:00:00"	4.726	92.9	9.02	6.964	3.069	88.7	10.98	5.771	70.81	70.05	0.759	75.66	78.58	26.37	0.07253	0
"2014-09-15	22:00:00"	3.623	100	15.25	5.175	2.314	99.2	18.48	3.982	70.11	69.56	0.549	77.24	78.88	26.386	0	0
"2014-09-15	23:00:00"	5.308	67.32	10.99	7.561	3.317	65.09	13.53	5.175	68.77	67.94	0.826	80.8	82.9	26.4	0	0
"2014-09-16	00:00:00"	5.968	85.2	7.119	7.561	3.324	78.35	11.92	4.578	68.19	66.93	1.264	82	85.4	26.413	0	0
"2014-09-16	01:00:00"	5.577	62.78	9.72	6.964	3.487	59.45	9.28	5.175	67.74	67	0.739	83.9	86.1	26.413	0	0
"2014-09-16	02:00:00"	5.313	82.8	5.499	6.368	3.266	76.38	9.38	5.175	67.39	66.82	0.564	85.6	87	26.408	0	0
"2014-09-16	03:00:00"	4.614	70.27	13.99	6.368	2.844	59.5	13.1	3.982	67.06	66.42	0.641	86.2	88.1	26.406	0	0
"2014-09-16	04:00:00"	5.022	82.1	18.19	6.964	3.334	77.47	18.42	5.771	67.24	66.85	0.392	85.9	87.3	26.401	0	0
"2014-09-16	05:00:00"	4.562	68.76	8.79	5.771	2.848	64.87	10.14	4.578	67.25	66.76	0.483	85.7	87.4	26.396	0	0
"2014-09-16	06:00:00"	4.874	70.28	8.61	6.368	2.995	65.4	9.77	5.175	66.93	66.42	0.507	86.3	88	26.39	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-16	07:00:00"	5.139	62.24	4.289	6.368	3.225	60.5	7.194	4.578	66.43	65.89	0.537	86.8	88.5	26.39	0
"2014-09-16	08:00:00"	5.393	61.67	7.441	6.964	3.573	62.21	10.07	5.175	65.89	65.51	0.376	87.7	88.6	26.393	3.2475
"2014-09-16	09:00:00"	5.79	36.92	8.25	7.561	4.611	38.41	10.24	6.964	66.38	66.34	0.044	87.7	88.1	26.4	69.909
"2014-09-16	10:00:00"	5.194	64	11.86	6.964	4.353	66.51	14.02	6.368	68.18	68.51	-0.322	85.2	84.7	26.401	153.59
"2014-09-16	11:00:00"	5.025	80.7	14.2	6.964	4.169	82.1	15.68	6.368	69.93	70.18	-0.254	80.9	80.4	26.41	130.29
"2014-09-16	12:00:00"	4.865	147	28.06	9.35	4.11	146.8	28.26	7.561	71.06	71.31	-0.251	76.47	76.11	26.414	204.83
"2014-09-16	13:00:00"	6.198	176.2	20.6	9.95	5.158	176.7	23.41	9.35	72.5	73.04	-0.54	71.39	70.88	26.4	338.03
"2014-09-16	14:00:00"	5.892	187.2	19.8	11.14	4.832	187.3	22.39	9.95	73.95	74.47	-0.523	66.41	65.83	26.385	328.16
"2014-09-16	15:00:00"	6.177	202	33.38	10.54	5.061	204.1	36.26	8.75	74.86	75.24	-0.382	64.37	63.95	26.368	254.72
"2014-09-16	16:00:00"	4.626	212	33.08	9.95	3.781	214.3	35.52	8.16	74.14	74.35	-0.202	68.35	68.77	26.348	253.59
"2014-09-16	17:00:00"	5.281	346.5	55.74	9.35	4.377	350.4	55.27	9.95	72.93	73.43	-0.504	75.3	74.63	26.328	223.99
"2014-09-16	18:00:00"	8.14	7.547	10.14	10.54	6.488	7.316	15.37	9.35	71.74	72.29	-0.557	80.6	80.1	26.315	173.99
"2014-09-16	19:00:00"	8.13	22.8	9.4	10.54	6.587	24.72	13.93	9.95	72.6	72.94	-0.336	76.75	76.52	26.308	138.7
"2014-09-16	20:00:00"	8.04	37.45	7.768	11.14	6.353	40.28	9.89	9.95	72.08	71.88	0.198	77.77	78.3	26.303	31.089
"2014-09-16	21:00:00"	9.08	36.04	7.045	12.93	7.056	39.29	9.1	11.14	69.6	69.32	0.285	85	85.5	26.308	0.07684
"2014-09-16	22:00:00"	9.79	41.27	8.18	14.12	7.793	44.57	9.64	11.74	68.45	68.32	0.132	87.7	87.8	26.32	0
"2014-09-16	23:00:00"	8.1	46.7	8.44	11.74	6.482	49.35	9.78	10.54	68.09	67.97	0.118	88.9	88.9	26.327	0
"2014-09-17	00:00:00"	6.749	59.33	9.89	9.35	5.055	61.91	11.48	7.561	67.47	67.33	0.145	90	90	26.323	0
"2014-09-17	01:00:00"	7.438	71.7	8.93	10.54	5.355	73.37	10.43	7.561	67.38	67.23	0.145	90.2	90.2	26.314	0
"2014-09-17	02:00:00"	6.932	67.49	10.08	9.35	5.094	68.65	11.19	6.964	67.51	67.36	0.154	89.7	89.8	26.304	0
"2014-09-17	03:00:00"	7.617	62.23	7.943	10.54	5.609	65.19	10.78	9.35	67.2	67.06	0.144	90.3	90.3	26.297	0
"2014-09-17	04:00:00"	8.19	71.07	7.093	10.54	6.242	73.91	9.13	9.35	66.75	66.64	0.108	90.7	90.6	26.286	0
"2014-09-17	05:00:00"	7.74	73.39	6.977	9.95	5.637	74.39	8.87	7.561	66.36	66.19	0.167	90.7	90.6	26.272	0
"2014-09-17	06:00:00"	6.585	79.56	6.558	8.75	4.632	77.31	8.55	6.368	66.07	65.79	0.279	90.5	90.5	26.264	0
"2014-09-17	07:00:00"	5.388	68.6	7.184	8.75	3.58	65.41	10.28	6.368	65.79	65.55	0.244	90.4	90.6	26.265	0
"2014-09-17	08:00:00"	5.462	80.8	8.92	8.16	3.658	77.53	10.42	5.771	65.85	65.61	0.242	90.6	90.8	26.269	3.071
"2014-09-17	09:00:00"	5.789	93.9	7.684	7.561	4.363	92.6	9.46	6.368	66.38	66.3	0.083	90.3	90.5	26.277	38.152
"2014-09-17	10:00:00"	5.388	134.7	21.16	8.16	4.308	135.7	23.03	6.368	68.39	68.59	-0.199	87.4	87	26.285	238.31
"2014-09-17	11:00:00"	6.267	190.7	19.48	12.33	5.074	191.7	24.4	9.95	72.33	73.14	-0.814	78.19	77.01	26.284	528.66
"2014-09-17	12:00:00"	8.16	202.9	17.54	14.12	6.634	205.7	22.02	12.93	75.21	76.11	-0.898	70.72	69.23	26.275	588.96
"2014-09-17	13:00:00"	8.59	188.8	18.81	14.72	6.909	189.7	23.14	12.33	77.26	78.45	-1.19	65.67	64.01	26.261	734.26
"2014-09-17	14:00:00"	8.52	189.9	19.33	15.91	6.901	190.5	22.73	12.93	79.24	80.4	-1.195	59.46	57.64	26.244	722.79
"2014-09-17	15:00:00"	9	191.3	21.63	15.31	7.278	192.9	25.79	12.93	80.7	82	-1.334	55.59	53.46	26.221	755.82
"2014-09-17	16:00:00"	9.19	197.5	22.27	16.51	7.474	198.4	25.85	13.52	82	83.1	-1.192	51.53	49.46	26.191	723.29
"2014-09-17	17:00:00"	8.04	171.3	23.41	14.72	6.694	173.5	27.51	12.33	82.8	84	-1.192	50.94	48.78	26.17	700.35
"2014-09-17	18:00:00"	6.887	196.8	20.3	13.52	5.616	198.2	25.52	11.74	83.5	84.2	-0.699	47.34	45.74	26.155	392.59
"2014-09-17	19:00:00"	5.136	215.8	16.81	9.95	4.228	216.5	20.68	7.561	83	83	-0.013	48.49	47.67	26.152	100.96
"2014-09-17	20:00:00"	2.487	137.4	46.93	4.578	1.844	122.4	56.87	3.386	82.2	81.4	0.767	50.47	55.12	26.158	31.811
"2014-09-17	21:00:00"	11.55	32.88	7.954	22.47	9.34	32.46	11.42	20.68	75.77	74.87	0.899	66.68	71.72	26.18	0.03554
"2014-09-17	22:00:00"	12.95	56.63	9.63	20.09	10.03	59.72	12	16.51	71.29	71.4	-0.105	77.97	77.31	26.198	0
"2014-09-17	23:00:00"	15.77	76.4	9.15	24.26	12.06	78.8	10.76	18.89	69.84	69.85	-0.011	81.6	81	26.207	0
"2014-09-18	00:00:00"	15.55	87.7	8.4	23.07	12	89.6	10.4	20.68	68.38	68.42	-0.041	84.9	84.3	26.216	0
"2014-09-18	01:00:00"	14.24	100.1	6.735	20.09	11.35	101.3	9.04	17.1	67.75	67.78	-0.027	86.5	86	26.204	0
"2014-09-18	02:00:00"	14.52	108.8	7.591	21.28	11.39	110.6	10.17	17.7	67.6	67.63	-0.028	88.1	87.6	26.195	0
"2014-09-18	03:00:00"	12.17	112.4	7.934	18.89	9.43	114	11.13	15.91	67.99	67.97	0.017	86.9	86.5	26.193	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-18	04:00:00"	6.335	110.5	12.56	13.52	4.875	112.3	15.43	9.95	67.67	67.65	0.023	81.9	81.9	26.187	0
"2014-09-18	05:00:00"	5.064	116.6	15	6.964	3.727	115.2	17.05	5.175	67.47	67.39	0.075	82.1	82.5	26.17	0
"2014-09-18	06:00:00"	5.171	183.3	52.73	8.16	3.999	186.8	53.95	7.561	67.22	67.15	0.076	83.4	83.8	26.173	0
"2014-09-18	07:00:00"	12.57	291.8	15.18	21.28	7.176	296.4	16.11	12.93	65.57	65.47	0.104	86.9	87.6	26.19	0.27853
"2014-09-18	08:00:00"	9.77	290.4	9.6	15.31	5.539	297.3	11.47	10.54	64.76	64.72	0.041	88.7	89.2	26.201	0.58075
"2014-09-18	09:00:00"	7.458	276.5	9.86	11.74	4.932	284.5	12.29	9.35	65.29	65.14	0.154	87.4	88.2	26.2	23.071
"2014-09-18	10:00:00"	6.447	272.8	10.37	10.54	4.673	279.6	11.63	8.75	66.62	66.64	-0.02	85	86	26.181	112.55
"2014-09-18	11:00:00"	7.133	281.1	14.93	10.54	5.051	287.5	16.55	9.35	68.49	68.87	-0.381	82.6	83	26.179	235.61
"2014-09-18	12:00:00"	4.941	274.1	29.34	7.561	3.887	278.3	29.91	7.561	71.17	71.57	-0.409	75.73	75.56	26.194	239.26
"2014-09-18	13:00:00"	8.07	29.27	17.17	15.31	6.571	31.65	18.94	12.33	70.71	70.99	-0.284	79.41	80.7	26.211	251.21
"2014-09-18	14:00:00"	12.78	77.24	11.64	18.3	10.14	80.3	13.22	14.72	71.24	72.27	-1.034	81.5	81.3	26.194	713.01
"2014-09-18	15:00:00"	11.86	94.3	8.94	18.89	9.71	96.5	11.1	15.31	72.02	72.68	-0.662	80.5	80.4	26.184	357.59
"2014-09-18	16:00:00"	11.54	84.7	9.81	15.91	9.26	86.7	11.26	13.52	72.64	73.39	-0.749	80.2	79.66	26.16	394.1
"2014-09-18	17:00:00"	12.41	77.44	12.45	16.51	9.83	80.1	14.14	14.72	73.97	74.88	-0.91	76	75.31	26.141	499.88
"2014-09-18	18:00:00"	12.41	87.2	16.07	17.1	9.9	90.5	16.88	14.72	73.96	74.37	-0.402	75.36	75.09	26.143	220.44
"2014-09-18	19:00:00"	13.18	94.1	11.05	20.09	10.35	95.8	12.9	17.7	72.89	73.05	-0.154	78.3	78.2	26.146	87.607
"2014-09-18	20:00:00"	13.19	89.6	8.64	18.89	10.26	91.6	10.38	15.31	70.62	70.59	0.026	82.5	82.6	26.152	10.655
"2014-09-18	21:00:00"	12.11	85.3	8.35	18.3	9.29	87.4	10.54	14.72	69.41	69.36	0.046	87.1	87.2	26.169	0
"2014-09-18	22:00:00"	12.51	86	10.52	18.89	9.66	87.7	11.71	14.12	68.72	68.71	0.011	88.3	88.3	26.184	0
"2014-09-18	23:00:00"	12.81	95.3	8.94	19.49	10.05	96.8	11.09	15.31	68.38	68.41	-0.03	87.9	87.7	26.196	0
"2014-09-19	00:00:00"	12.93	101.5	7.388	18.89	10.24	102.9	9.51	14.72	68.35	68.4	-0.044	88.8	88.6	26.198	0
"2014-09-19	01:00:00"	12.62	110.8	9.12	18.89	9.78	113.4	11.62	14.72	68.53	68.56	-0.036	89.2	89	26.194	0
"2014-09-19	02:00:00"	14.02	112.5	8.03	21.28	10.86	113.9	10.64	17.1	68.35	68.33	0.019	88.8	88.8	26.19	0.00096
"2014-09-19	03:00:00"	10.39	110.5	9.05	15.31	8.08	112.6	11.52	12.33	68.08	68.08	0.003	90	90	26.189	0.01409
"2014-09-19	04:00:00"	11.96	108.8	8.21	17.7	9.31	110.3	10.87	14.12	67.95	67.92	0.037	90	90	26.178	0.00786
"2014-09-19	05:00:00"	10.83	98.1	7.548	15.91	8.47	100.4	9.31	13.52	67.5	67.5	0.002	90.5	90.5	26.167	0.18334
"2014-09-19	06:00:00"	11.15	100.3	7.884	16.51	8.8	103.2	10.08	12.93	67.34	67.34	-0.008	91	90.8	26.174	0.33563
"2014-09-19	07:00:00"	10.02	105.3	8.47	15.31	7.725	108.5	11.15	11.74	67.3	67.31	-0.009	91.2	91.1	26.181	0.34272
"2014-09-19	08:00:00"	9.69	108.7	9.32	14.12	7.413	112.7	11.93	12.33	67.23	67.22	0.001	91.4	91.2	26.191	0.53218
"2014-09-19	09:00:00"	11.61	121.9	7.184	17.1	8.49	126.1	9.58	14.12	67.26	67.22	0.046	91.2	91.1	26.197	3.2895
"2014-09-19	10:00:00"	11.89	133	10.27	20.09	9.04	135.6	10.96	16.51	67.33	67.32	0.013	91.2	91.3	26.203	22.99
"2014-09-19	11:00:00"	11.49	129.1	7.866	18.89	8.6	131.9	9.72	13.52	67.69	67.75	-0.059	91	91.2	26.211	77.349
"2014-09-19	12:00:00"	11.34	143.1	9.94	16.51	8.88	143.5	10.54	14.12	68.03	68.05	-0.016	89.6	90.5	26.214	95.986
"2014-09-19	13:00:00"	11.96	149.8	10.02	16.51	9.56	148.6	10.33	14.72	68.34	68.51	-0.171	88.2	89.1	26.212	171.9
"2014-09-19	14:00:00"	11.41	132.4	11	17.7	8.77	132.8	11.92	13.52	68.75	69.04	-0.289	86.2	86.8	26.2	192.74
"2014-09-19	15:00:00"	10.77	120.9	9.55	14.72	8.48	123.8	12.13	13.52	69.7	70.15	-0.45	85.6	86.2	26.178	295.74
"2014-09-19	16:00:00"	9.76	118	11.96	14.72	7.773	120.5	13.86	12.33	71.09	71.53	-0.438	78.8	79.34	26.168	268.21
"2014-09-19	17:00:00"	9.06	108.2	10.66	12.93	7.349	111.1	13.25	11.74	72.22	72.45	-0.231	77.14	77.51	26.16	174.42
"2014-09-19	18:00:00"	10.52	95.8	10.22	14.72	8.32	96.7	11.78	12.93	73.28	73.49	-0.214	75.96	76.31	26.159	185.27
"2014-09-19	19:00:00"	8.73	80.8	14.13	14.12	6.785	83	15.86	11.74	71.75	71.75	-0.001	82.5	82.6	26.166	27.911
"2014-09-19	20:00:00"	6.45	91.6	13.31	9.35	4.849	91.4	13.58	7.561	71.26	71.09	0.171	84.9	85.4	26.167	11.083
"2014-09-19	21:00:00"	5.641	94.7	10.23	8.75	3.817	91.4	11.96	5.771	70.45	70	0.449	85.1	86.3	26.176	0.02549
"2014-09-19	22:00:00"	6.154	79.74	10.86	9.95	4.362	78.6	11.97	7.561	69.4	69.16	0.239	87.9	88.4	26.188	0
"2014-09-19	23:00:00"	6.171	88.5	17.17	9.95	4.719	88.7	18.33	7.561	69.46	69.36	0.097	88.6	88.8	26.215	0
"2014-09-20	00:00:00"	7.132	103.2	10.61	11.74	5.579	103.7	12.79	9.95	69.78	69.72	0.055	88.9	88.9	26.222	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-09-20	01:00:00"	10.02	147.5	21.33	16.51	7.604	148.1	22.66	14.12	69.32	69.3	0.018	89.6	89.5	26.22	0	0.18
"2014-09-20	02:00:00"	10.05	136.1	9.21	16.51	7.654	137.5	10.04	12.93	68.74	68.71	0.029	90	90	26.207	0	0.03
"2014-09-20	03:00:00"	5.712	163.4	12.53	9.35	4.371	165.1	13.99	8.16	68.91	68.89	0.022	90.9	90.7	26.204	0.01533	0.02
"2014-09-20	04:00:00"	1.96	144.9	53.37	4.578	1.363	137.5	52.27	3.386	68.75	68.73	0.021	91.3	91.1	26.195	0.29504	0
"2014-09-20	05:00:00"	3.365	60.45	16	5.771	2.457	61.82	15.63	4.578	68.74	68.76	-0.015	91.6	91.4	26.189	0.32972	0
"2014-09-20	06:00:00"	2.864	81.1	23.2	5.175	1.74	79.06	23.47	4.578	68.71	68.71	-0.006	91.7	91.5	26.195	0.34467	0
"2014-09-20	07:00:00"	3.496	112.2	16.23	6.964	2.234	109.4	17.45	5.771	68.57	68.57	-0.004	91.7	91.5	26.202	0.34496	0
"2014-09-20	08:00:00"	1.917	106.7	53.97	3.982	1.135	105.9	57.61	2.789	68.67	68.7	-0.036	91.5	91.3	26.209	1.209	0
"2014-09-20	09:00:00"	1.41	17.11	73.23	5.175	1.098	9.63	67.47	2.789	68.87	68.89	-0.026	91.4	91.4	26.224	12.293	0.19
"2014-09-20	10:00:00"	2.04	335.4	32.72	6.368	1.363	336.6	29.57	3.386	69.57	69.67	-0.091	90.9	91.2	26.235	72.716	0
"2014-09-20	11:00:00"	3.067	358.7	31.89	12.33	2.218	2.253	35.81	12.93	70.66	70.87	-0.214	88.8	89.3	26.252	163.91	0.17
"2014-09-20	12:00:00"	6.642	341.8	68.79	13.52	5.205	344.7	71.17	12.33	71.68	71.94	-0.258	84.5	85.3	26.265	263.17	0
"2014-09-20	13:00:00"	9.69	29.41	15.8	15.91	8.04	31.7	19.59	14.72	73.64	74.89	-1.245	76.21	76.25	26.262	734	0
"2014-09-20	14:00:00"	10.15	27.72	15.42	15.31	8.36	29.3	18.48	13.52	76.12	77.47	-1.348	70.16	69.96	26.253	703.84	0
"2014-09-20	15:00:00"	8.91	42.15	18.91	15.31	7.488	44.44	22.35	13.52	77.17	78.48	-1.306	67.17	66.85	26.236	724.08	0
"2014-09-20	16:00:00"	5.795	46.21	36.55	11.14	4.966	50.66	42.13	11.74	78.35	79.3	-0.948	64.14	63.91	26.211	637.84	0
"2014-09-20	17:00:00"	5.25	22.57	43.68	11.74	4.582	21.98	43.74	14.12	79.15	79.78	-0.631	61.43	61.48	26.204	369.22	0
"2014-09-20	18:00:00"	7.417	46.99	21.75	12.93	6.107	49.58	22.81	11.14	79.49	80.1	-0.623	62.29	62.62	26.206	342.97	0
"2014-09-20	19:00:00"	7.541	78.3	16.65	11.74	6.06	81.7	17.92	10.54	78.55	78.82	-0.263	66.94	67.31	26.206	199.19	0
"2014-09-20	20:00:00"	7.751	61.39	8.7	12.33	5.759	65.05	11.33	9.95	76.8	76.66	0.143	72.29	73.06	26.217	24.208	0
"2014-09-20	21:00:00"	12.44	58.24	13.1	20.68	9.49	61.52	15.47	17.7	73.17	72.97	0.199	83.3	83.7	26.237	0.05988	0
"2014-09-20	22:00:00"	13.96	86.1	10.66	20.68	10.89	88.5	11.76	16.51	70.9	70.98	-0.075	88.1	87.8	26.271	0	0
"2014-09-20	23:00:00"	12.95	106.5	9.58	18.89	10.23	108.4	12.2	15.31	70.17	70.24	-0.067	88.4	88.1	26.29	0	0
"2014-09-21	00:00:00"	9.16	106.4	8.48	13.52	7.225	107.9	10.61	11.14	69.85	69.93	-0.08	89.4	89.2	26.299	0	0
"2014-09-21	01:00:00"	9.42	111.6	8.78	15.91	7.432	113	11.11	14.72	70.47	70.54	-0.066	89.9	89.7	26.299	0	0
"2014-09-21	02:00:00"	9.3	109.9	7.794	14.72	7.338	111.6	10.53	11.74	70.25	70.28	-0.034	89.8	89.6	26.296	0	0
"2014-09-21	03:00:00"	10.43	108.4	8.43	15.31	8.3	109.7	10.52	13.52	69.87	69.93	-0.057	89.8	89.5	26.3	0	0
"2014-09-21	04:00:00"	9.1	98.3	8.25	12.93	7.257	99.4	10.12	11.14	69.46	69.54	-0.077	90	89.8	26.298	0	0.01
"2014-09-21	05:00:00"	12.37	86.7	11.38	24.26	9.6	88.2	12.62	20.68	69.09	69.12	-0.037	90.6	90.4	26.292	0.0001	0.75
"2014-09-21	06:00:00"	9.94	91.7	8.8	15.91	7.602	92.9	10.21	12.93	69.15	69.24	-0.089	91.4	91	26.302	0.15034	0.07
"2014-09-21	07:00:00"	10.6	104.8	7.96	15.31	8.37	106.4	10.65	12.93	69.15	69.26	-0.105	91.5	91	26.316	0.2157	0.1
"2014-09-21	08:00:00"	13.04	119.5	15.54	22.47	10.04	121.1	16.14	19.49	67.95	68.07	-0.122	90.4	89.9	26.334	0.46437	0.04
"2014-09-21	09:00:00"	9.65	128.1	16.95	17.7	7.196	128.7	17.22	13.52	66.29	66.28	0.006	87.9	88.3	26.351	2.8523	0.1
"2014-09-21	10:00:00"	4.647	76.73	19.45	9.95	2.846	75.65	20.58	8.16	66.55	66.66	-0.103	90.5	90.4	26.37	10.872	0.16
"2014-09-21	11:00:00"	7.524	81.5	12.31	14.72	5.513	84.1	13.54	10.54	66.51	66.62	-0.103	90.4	90.3	26.384	13.824	0.16
"2014-09-21	12:00:00"	6.127	68.1	11.03	9.35	4.531	70.06	12.36	8.16	66.62	66.67	-0.053	87.9	88.7	26.383	51.779	0.06
"2014-09-21	13:00:00"	6.891	70.3	12.6	11.74	5.51	71.94	14.38	10.54	68.18	68.45	-0.262	89.4	89.6	26.38	164.94	0.02
"2014-09-21	14:00:00"	9.2	83.8	11.89	12.93	7.359	86	13.44	11.74	70.48	70.95	-0.476	87.4	87.5	26.372	330.79	0
"2014-09-21	15:00:00"	14.96	76.12	12.02	23.07	11.74	79.31	13.63	19.49	70.8	71.51	-0.71	83.2	82.9	26.35	456.33	0
"2014-09-21	16:00:00"	15.42	87.8	9.39	21.87	12.08	89.6	11.3	18.3	72.04	72.66	-0.613	76.45	76.52	26.34	394.72	0
"2014-09-21	17:00:00"	13.82	99	8.81	21.28	10.65	100.9	10.73	18.3	70.35	70.55	-0.199	83.2	83.4	26.345	105.7	0.03
"2014-09-21	18:00:00"	9.64	99	7.682	15.31	7.389	100.7	9.54	12.33	69.31	69.42	-0.113	87.8	88	26.345	49.073	0.08
"2014-09-21	19:00:00"	7.479	86.1	9.52	11.74	5.506	87.4	10.6	8.75	69.03	69.1	-0.075	89.1	89.2	26.355	26.222	0.05
"2014-09-21	20:00:00"	8.2	76.87	8.03	11.74	5.959	78.55	9.57	9.95	68.6	68.55	0.052	88.7	89	26.349	7.2398	0
"2014-09-21	21:00:00"	6.4	80.8	8.5	8.16	4.523	81.5	9.56	6.964	68.13	68.04	0.088	89	89.3	26.364	0.01591	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-21	22:00:00"	7.367	68.65	9.98	11.14	5.321	70.98	10.96	8.75	68.03	67.97	0.063	89.9	90	26.393	0.00153	0	
"2014-09-21	23:00:00"	7.948	70.45	7.707	11.14	5.796	73.18	9.56	8.75	67.97	67.9	0.068	90.3	90.3	26.416	0.06124	0.01	
"2014-09-22	00:00:00"	8.11	69.22	8.07	11.14	5.952	73.2	10.13	8.75	68.01	67.97	0.04	90.9	90.8	26.422	0.0045	0	
"2014-09-22	01:00:00"	5.937	73.29	8.78	8.75	4.159	74.9	9.87	6.964	67.94	67.91	0.036	91.2	91	26.419	0.00805	0	
"2014-09-22	02:00:00"	5.812	55.97	8.78	8.16	4.234	57.46	10.39	6.368	67.67	67.65	0.024	91.3	91.1	26.418	0.00728	0	
"2014-09-22	03:00:00"	8.34	47.91	7.892	13.52	6.445	50.58	9.19	10.54	67.4	67.34	0.063	90.9	90.8	26.41	0.0047	0	
"2014-09-22	04:00:00"	8.52	60.6	9.63	11.74	6.281	63.98	11.85	9.95	67.23	67.17	0.059	90.2	90.3	26.405	0.00134	0	
"2014-09-22	05:00:00"	8.87	57.99	8.37	12.33	6.7	60.78	10.47	10.54	66.99	66.92	0.068	90	90.1	26.402	0	0	
"2014-09-22	06:00:00"	9.48	63.58	9.91	15.31	7.092	66.15	11.6	12.33	66.73	66.7	0.025	90.4	90.4	26.404	0	0	
"2014-09-22	07:00:00"	9.97	78.95	7.433	14.72	7.645	80.3	8.92	12.33	66.58	66.57	0.012	90.6	90.5	26.41	0	0	
"2014-09-22	08:00:00"	10.65	81.3	7.274	15.91	8.09	82.7	9.32	14.12	66.49	66.5	-0.017	90.7	90.6	26.418	3.2927	0	
"2014-09-22	09:00:00"	10.59	90.9	7.621	15.91	8.46	91.7	8.77	23.66	66.65	66.76	-0.111	90.5	90.4	26.43	49.694	0	
"2014-09-22	10:00:00"	11.37	96	6.681	15.31	8.86	96.8	8.7	14.72	66.95	67.17	-0.216	89.6	89.4	26.443	92.505	0	
"2014-09-22	11:00:00"	11.59	103	7.888	15.31	9.27	104.3	10.1	13.52	67.86	68.29	-0.433	88	87.7	26.454	233.29	0	
"2014-09-22	12:00:00"	11.13	119.4	10.67	15.91	8.25	122.1	13.62	36.78	69.67	70.28	-0.613	84.1	83.7	26.456	293.88	0	
"2014-09-22	13:00:00"	10.27	126.7	11.87	14.72	1.09	128.6	14.26	12.93	71.31	71.93	-0.625	79.42	79.2	26.449	338.62	0	
"2014-09-22	14:00:00"	10.17	73.02	16.48	14.72	1	76.6	17.44	1.596	70.79	71.28	-0.498	81.7	81.2	26.434	219.45	0	
"2014-09-22	15:00:00"	13.75	113.1	16.07	23.07	1.116	115.2	17.56	5.771	71.46	72	-0.544	74.86	74.94	26.415	329.64	0	
"2014-09-22	16:00:00"	10.58	119.6	24.84	17.1	1.222	120.5	25.17	8.75	69.08	69.32	-0.24	74.56	75.08	26.407	100.02	0	
"2014-09-22	17:00:00"	10.43	92.5	7.573	14.12	1.001	93.7	9.55	2.193	69.82	70.06	-0.234	74.84	75.08	26.385	162.4	0	
"2014-09-22	18:00:00"	7.756	95.6	9.18	11.14	1	96.8	10.75	1	71.79	71.88	-0.093	73.77	74.17	26.377	116.77	0	
"2014-09-22	19:00:00"	6.749	87	11.2	9.95	1	87.5	12.27	1	71.83	71.73	0.104	74.35	75.3	26.372	54.101	0	
"2014-09-22	20:00:00"	5.415	60.97	10.6	7.561	1	64.24	12.61	1	70.2	70.03	0.176	80.4	81.5	26.376	8.9788	0	
"2014-09-22	21:00:00"	5.105	66.39	5.362	6.368	1	64.61	9.31	1	68.92	68.53	0.394	82.4	84.5	26.381	0	0	
"2014-09-22	22:00:00"	6.249	71.22	7.757	7.561	1	70.72	9.1	1	68.7	67.99	0.703	81	84.1	26.395	0	0	
"2014-09-22	23:00:00"	7.718	77.22	10.38	12.93	1	77.63	11.88	1	68.35	67.95	0.398	82.3	83.8	26.405	0	0	
"2014-09-23	00:00:00"	10.16	97	6.787	14.72	1	99	8.27	1	68.73	68.58	0.152	84.9	85.2	26.405	0	0	
"2014-09-23	01:00:00"	9.68	97.4	6.873	13.52	1	98.3	8.29	1	67.82	67.64	0.189	85.5	85.9	26.402	0	0	
"2014-09-23	02:00:00"	8.89	103.4	7.826	11.74	1	103.8	9.61	1	66.94	66.72	0.221	85.9	86.4	26.39	0	0	
"2014-09-23	03:00:00"	7.998	120.8	10.27	11.14	1	121.9	12.49	1	66.39	66.05	0.34	86.7	87.3	26.377	0	0	
"2014-09-23	04:00:00"	7.132	122.4	9.66	9.95	1	123.4	12.23	1	65.8	65.45	0.348	87.2	88	26.365	0	0	
"2014-09-23	05:00:00"	4.9	88.9	14.95	6.964	1	77.04	20.11	1	65.02	64.57	0.45	88.2	88.9	26.362	0	0	
"2014-09-23	06:00:00"	5.62	55.16	13.17	7.561	1	49.74	11.74	1	64.49	64.08	0.41	89.1	89.8	26.364	0	0	
"2014-09-23	07:00:00"	5.27	45.08	9.77	7.561	1	46.68	11.06	1	63.96	63.66	0.298	89.8	90.2	26.369	0	0	
"2014-09-23	08:00:00"	6.501	75.39	9.52	8.75	1	74.84	10.84	1	63.25	63.01	0.241	90.5	90.6	26.37	1.9636	0	
"2014-09-23	09:00:00"	7.469	77.43	13.93	11.74	1	77.62	15.11	1	63.9	63.94	-0.041	90.9	90.9	26.38	98.114	0	
"2014-09-23	10:00:00"	9.46	120.2	10.34	14.12	1	122.6	12.9	1	67.74	68.05	-0.307	78.87	79.42	26.385	261.99	0	
"2014-09-23	11:00:00"	11.8	134.9	8.52	17.1	1	136.4	9.99	1	70.08	70.3	-0.213	67.67	68.35	26.398	220.2	0	
"2014-09-23	12:00:00"	14.72	162	11.69	24.86	1	161.4	12.86	1	71.72	72.16	-0.436	64.16	64.35	26.39	501.66	0	
"2014-09-23	13:00:00"	18.97	171	9.74	26.05	1	170	12.01	1	74	74.47	-0.477	58.75	58.9	26.373	481.25	0	
"2014-09-23	14:00:00"	16.68	187.1	13.03	26.65	1	188.1	16.17	1	75.3	75.87	-0.574	56.52	56.45	26.364	533.35	0	
"2014-09-23	15:00:00"	14.42	187.2	11.28	21.28	1	189.1	15.3	1	75.86	76.48	-0.626	54.44	54.43	26.347	497.08	0	
"2014-09-23	16:00:00"	12.25	190.4	17.84	18.89	1	191.4	20.37	1	77.04	77.83	-0.797	52.22	51.92	26.325	551.41	0	
"2014-09-23	17:00:00"	11.07	183.5	13.77	17.7	1	184.3	18.01	1	78.11	78.78	-0.678	49.82	49.99	26.309	474.15	0	
"2014-09-23	18:00:00"	10.65	192.7	12.84	15.91	1	193.7	15.7	1	78.35	78.61	-0.255	49.26	49.33	26.298	222.68	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10						Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-23	19:00:00"	8.09	198.2	11.04	12.33	1	200.1	12.13	1	77.14	77	0.142	53.41	53.78	26.29	71.61	0
"2014-09-23	20:00:00"	7.04	185.2	8.14	11.14	1	186.4	11.65	1	75.21	74.76	0.456	58.12	59.63	26.284	21.515	0
"2014-09-23	21:00:00"	4.366	190.3	19.46	8.75	1	182.8	33.48	1	73.65	72.89	0.761	61.13	63.91	26.294	0.00105	0
"2014-09-23	22:00:00"	3.842	129.9	31.94	5.175	1	80.9	46.99	1	72.09	70.13	1.962	64.25	71.9	26.306	0	0
"2014-09-23	23:00:00"	6.011	122.2	15.43	8.16	1	107.4	29.49	1	72.03	68.68	3.348	64.41	76.69	26.317	0	0
"2014-09-24	00:00:00"	7.085	144.4	10.34	9.95	1	138.6	11.27	1	71.77	69.65	2.126	65.45	71.84	26.324	0	0
"2014-09-24	01:00:00"	8.83	166	8.63	12.33	1	163	10.49	1	70.98	70.14	0.844	68.17	70.14	26.321	0	0
"2014-09-24	02:00:00"	7.858	176.5	8.94	11.74	1	174.5	11.45	1	68.82	68.09	0.724	72.91	74.68	26.322	0	0
"2014-09-24	03:00:00"	7.705	178.8	8.08	11.14	1	175.4	10.71	1	67.9	67.04	0.853	73.87	76.21	26.324	0	0
"2014-09-24	04:00:00"	9.17	173.7	8.42	14.12	1	172.1	11.13	1	67.8	67.34	0.464	73.53	74.81	26.316	0	0
"2014-09-24	05:00:00"	8.12	165.4	9.72	12.33	1	163	11.39	1	67.6	67.19	0.408	73.93	74.89	26.31	0	0
"2014-09-24	06:00:00"	8.21	162.3	9.67	12.93	1	160.2	10.76	1	67.44	67.07	0.374	76.37	77.02	26.313	0	0
"2014-09-24	07:00:00"	8.24	162.4	9.2	13.52	1	160.8	10.49	1	67.38	67.1	0.277	79.03	79.48	26.323	0	0
"2014-09-24	08:00:00"	8.49	162.7	10.17	13.52	1	161.8	11.5	1	66.83	66.6	0.224	81.5	81.7	26.33	2.1994	0
"2014-09-24	09:00:00"	8.56	168.5	9.01	12.93	1	168.6	11.28	1	66.93	66.88	0.058	82.9	83	26.341	60.303	0
"2014-09-24	10:00:00"	10.71	175.2	10.75	17.7	1	174.7	13.33	1	68.91	69.1	-0.197	78.45	78.26	26.358	177.62	0
"2014-09-24	11:00:00"	11.86	166	10.56	18.3	1	165.1	12.74	1	70.08	70.36	-0.282	74.86	74.63	26.373	215.58	0
"2014-09-24	12:00:00"	10.58	171.8	14.63	16.51	1	171.8	17.71	1	71.5	72.16	-0.655	71.87	71.4	26.379	436.15	0
"2014-09-24	13:00:00"	9.59	166.5	13.38	14.72	1	166.3	15.35	1	73.98	74.94	-0.968	65.93	65.24	26.376	578.14	0
"2014-09-24	14:00:00"	6.907	165.8	18.74	12.33	1	166.4	20.91	1	75.94	76.45	-0.508	60.1	60.06	26.369	338.93	0
"2014-09-24	15:00:00"	10.3	151	19.68	17.1	1	151.9	20.1	1	77.29	78.24	-0.95	55.61	55.23	26.351	650.99	0
"2014-09-24	16:00:00"	12.59	162.8	14.43	20.09	1	162.9	15.62	1	78.92	79.72	-0.805	48.18	47.83	26.329	661.69	0
"2014-09-24	17:00:00"	12.91	165.7	15.26	19.49	1	165.3	17.27	1	79.65	80.5	-0.903	47.65	46.85	26.314	615.93	0
"2014-09-24	18:00:00"	14.39	171.5	13.7	21.28	1	171.1	16.3	1	79.66	80.3	-0.593	48.45	47.85	26.3	382.9	0
"2014-09-24	19:00:00"	13.72	149.4	9.46	20.68	1	148.6	10.33	1	79.22	79.26	-0.04	47.7	47.52	26.303	204.65	0
"2014-09-24	20:00:00"	9.11	146.4	9.31	14.12	1	146.3	9.97	1	77.27	76.72	0.552	50.21	51.24	26.32	32.428	0
"2014-09-24	21:00:00"	11.22	91.1	52.52	37.98	1	85.9	54.31	1	72.8	71.86	0.942	59.9	62.69	26.346	0	0
"2014-09-24	22:00:00"	24.03	19.94	8.69	35	1	20.71	15.32	1	63.6	63.72	-0.122	72.59	72.39	26.388	0	0
"2014-09-24	23:00:00"	14.85	23.58	11.95	26.65	1	25.2	16.59	1	61.92	61.95	-0.03	81.3	81.6	26.421	0.00067	0.25
"2014-09-25	00:00:00"	12.58	58.72	13.24	21.87	1	63.45	15.12	1	61.3	61.36	-0.059	86.9	87.1	26.4	0	0.08
"2014-09-25	01:00:00"	10.58	101	12.99	16.51	1	103.9	15.12	1	61.57	61.62	-0.049	87	87.4	26.395	0	0
"2014-09-25	02:00:00"	9.44	123.6	20.49	15.31	1	125.1	21.4	1	62.24	62.17	0.062	85.1	85.8	26.378	0	0.01
"2014-09-25	03:00:00"	9.03	103.1	7.974	12.33	1	104	9.58	1	62.36	62.28	0.077	84.6	85.4	26.386	0	0
"2014-09-25	04:00:00"	8.17	89.8	15.4	11.14	1	90.1	15.57	1	62.26	62.14	0.127	84.1	84.9	26.385	0	0
"2014-09-25	05:00:00"	6.749	55.81	11.1	9.35	1	57.14	11.78	1	61.76	61.7	0.059	87	87.5	26.381	0	0
"2014-09-25	06:00:00"	6.311	63.6	6.953	8.75	1	65.5	8.67	1	61.39	61.32	0.07	88.1	88.4	26.381	0	0
"2014-09-25	07:00:00"	6.783	49.38	10.9	9.95	1	51.99	11.4	1	61.29	61.25	0.042	89.1	89.3	26.389	0	0
"2014-09-25	08:00:00"	7.04	53.32	14.24	9.95	1	56.59	14.73	1	61.23	61.21	0.013	89.6	89.6	26.4	3.2924	0
"2014-09-25	09:00:00"	6.606	75.08	10.22	9.35	1	76.99	11.2	1	61.59	61.67	-0.084	90	89.9	26.407	27.746	0
"2014-09-25	10:00:00"	5.312	94.3	11.24	8.16	1	94.4	13.13	1	62.47	62.66	-0.184	88.3	88.3	26.423	49.07	0
"2014-09-25	11:00:00"	5.869	103.1	11.24	9.35	1	104.3	12.92	1	63.48	63.57	-0.095	79.01	79.93	26.433	93.1	0
"2014-09-25	12:00:00"	5.896	99	12.75	9.95	1	100.5	14.16	1	63.73	63.84	-0.112	72.91	74.56	26.438	150.17	0
"2014-09-25	13:00:00"	6.876	149.6	20.02	11.74	1	151.6	20.57	1	65.24	65.75	-0.512	71.46	71.71	26.436	298.1	0
"2014-09-25	14:00:00"	7.279	151.6	17.34	11.14	1	152.5	18.45	1	66.28	66.93	-0.644	65.29	65.59	26.425	349.27	0
"2014-09-25	15:00:00"	6.141	128.3	20.57	10.54	1	129.8	23.04	1	67.2	67.78	-0.577	65.1	65.19	26.408	333.49	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-25	16:00:00"	5.014	116.1	23.8	8.16	1	116	25.62	1	67.92	68.36	-0.436	61.84	61.96	26.387	289.71	0	
"2014-09-25	17:00:00"	5.199	101.8	23.08	8.16	1	103.1	23.64	1	68.68	68.94	-0.264	62.34	63.17	26.372	138.37	0	
"2014-09-25	18:00:00"	8.28	57.18	11.15	12.33	1	59.88	12.87	1	68.18	68.48	-0.299	63.72	64.53	26.363	178.22	0	
"2014-09-25	19:00:00"	8.28	72.24	11.93	11.74	1	75.21	12.77	1	67.96	67.95	0.008	67.65	68.5	26.361	89.534	0	
"2014-09-25	20:00:00"	5.832	56.49	7.09	8.75	1	59.21	8.93	1	66.5	66.21	0.293	73.27	74.97	26.364	16.351	0	
"2014-09-25	21:00:00"	7.854	39.85	8.16	11.14	1	42.16	9.43	1	64.52	64.26	0.254	80	81.2	26.366	0	0	
"2014-09-25	22:00:00"	8.12	52.2	8.28	12.33	1	55.92	10.17	1	63.74	63.6	0.141	81.2	82.1	26.377	0	0	
"2014-09-25	23:00:00"	8.16	46.61	7.98	12.33	1	49.35	9.59	1	62.83	62.56	0.262	82.3	83.8	26.383	0	0.02	
"2014-09-26	00:00:00"	7.169	44.73	7.525	9.35	1	46.75	9.2	1	62.82	62.43	0.39	80.2	82.4	26.385	0	0	
"2014-09-26	01:00:00"	6.872	52.58	8.68	9.35	1	55.11	10.41	1	62.8	62.4	0.403	80.5	82.7	26.378	0	0	
"2014-09-26	02:00:00"	6.321	49.46	10.36	8.16	1	49.03	12.13	1	62.93	62.46	0.465	79.2	81.5	26.367	0	0	
"2014-09-26	03:00:00"	5.972	22.48	8.94	8.75	1	20.47	12.38	1	62.32	61.85	0.469	81.7	84	26.365	0	0	
"2014-09-26	04:00:00"	6.52	18.27	6.353	8.75	1	20.17	10.35	1	61.84	60.79	1.05	80.7	84.5	26.357	0	0	
"2014-09-26	05:00:00"	5.245	42	8.18	7.561	1	43.98	11.58	1	62.11	60.48	1.631	76.07	81.8	26.347	0	0	
"2014-09-26	06:00:00"	5.57	36.77	8.8	7.561	1	36.19	10.51	1	61.16	60.17	0.983	78.21	81.5	26.345	0	0	
"2014-09-26	07:00:00"	7.068	41.32	9.54	9.95	1	40.81	12.12	1	60.78	60.02	0.756	78.44	81.2	26.346	0	0	
"2014-09-26	08:00:00"	7.555	57.54	13.73	9.95	1	60.99	15.73	1	59.84	59.23	0.61	80.6	82.5	26.35	2.503	0	
"2014-09-26	09:00:00"	6.867	80.9	6.729	8.75	1	79.41	8.86	1	59.44	59.17	0.273	80.8	82.5	26.363	65.658	0	
"2014-09-26	10:00:00"	6.019	102	24.65	9.95	1	102	25.37	1	62.37	62.58	-0.212	75.55	76.07	26.369	251.76	0	
"2014-09-26	11:00:00"	8.91	173.5	12.37	14.12	1	173.4	15.87	1	66.32	67.16	-0.839	73.69	73.13	26.373	455.26	0	
"2014-09-26	12:00:00"	8.7	169.9	16.42	15.31	1	169.8	18.32	1	67.55	68.55	-0.995	71.34	70.62	26.376	589.69	0	
"2014-09-26	13:00:00"	7.776	184.4	19.38	14.12	1	185.9	22.31	1	70.84	71.86	-1.018	62.47	61.95	26.366	648.74	0	
"2014-09-26	14:00:00"	8.37	174.2	24.5	17.1	1	175.2	26.22	1	72.78	73.86	-1.087	54.94	54.51	26.348	771.54	0	
"2014-09-26	15:00:00"	8.44	174.9	20.06	17.7	1	176.1	23.09	1	74.05	75.18	-1.133	50.53	49.9	26.326	700.68	0	
"2014-09-26	16:00:00"	7.604	165.7	20.24	17.7	1	165.6	23.29	1	74.79	75.72	-0.925	48.62	48.08	26.31	676.45	0	
"2014-09-26	17:00:00"	9.9	177.9	25.29	17.1	1	179.1	25.36	1	75.07	76.04	-0.967	46.98	46.19	26.298	496.66	0	
"2014-09-26	18:00:00"	9.71	187.2	12.99	17.7	1	188	16.26	1	73.32	73.76	-0.447	56.94	56.78	26.288	232.06	0	
"2014-09-26	19:00:00"	14.12	177.3	8.93	23.07	1	176.1	12.01	1	72.07	72.48	-0.41	60.75	60.92	26.282	252.74	0	
"2014-09-26	20:00:00"	9.05	184.2	8.12	15.31	1	184.4	12.19	1	70.09	69.99	0.104	64.09	64.46	26.288	32.821	0	
"2014-09-26	21:00:00"	6.28	187	8.49	10.54	1	188.2	12.14	1	67.15	66.87	0.284	75.46	76.05	26.294	0	0	
"2014-09-26	22:00:00"	5.509	188.7	9.57	8.16	1	193.4	13.48	1	65.22	64.97	0.246	82.6	83.1	26.312	0	0	
"2014-09-26	23:00:00"	7.082	171.8	8.54	10.54	1	169.4	10.16	1	64.9	64.54	0.358	79.94	81.2	26.325	0	0	
"2014-09-27	00:00:00"	7.634	166.6	8.63	11.14	1	164.7	10.31	1	64.29	63.98	0.312	80.1	80.9	26.331	0	0	
"2014-09-27	01:00:00"	6.716	160.2	9.06	11.74	1	157.5	10.28	1	63.43	63.09	0.346	82.8	83.5	26.331	0	0	
"2014-09-27	02:00:00"	8.32	175.7	7.253	12.33	1	173.3	9.91	1	61.75	61.48	0.271	84.9	85.3	26.327	0	0	
"2014-09-27	03:00:00"	4.998	180.8	8.03	8.75	1	181.1	11.54	1	60.91	60.55	0.357	86.5	87	26.323	0	0	
"2014-09-27	04:00:00"	3.299	186.7	15.47	5.175	1	189.9	23.94	1	60.24	59.85	0.385	87.8	88.1	26.314	0	0	
"2014-09-27	05:00:00"	2.633	152.9	26.8	4.578	1	105.5	49.27	1	59.42	58.76	0.654	88.1	88.6	26.305	0.05455	0	
"2014-09-27	06:00:00"	2.836	161.1	35.67	5.771	1	121.8	75.85	1	60.22	58.75	1.467	84.9	87.7	26.299	0.25292	0	
"2014-09-27	07:00:00"	2.549	121.4	32.87	5.771	1	46	39.36	1	59.51	56.97	2.54	84.8	88	26.297	0.10969	0	
"2014-09-27	08:00:00"	4.677	81.8	14.59	8.16	1	52.38	21.72	1	59.28	55.71	3.566	85.9	89	26.3	2.4577	0	
"2014-09-27	09:00:00"	4.987	89.9	9.91	8.16	1	74.78	16.5	1	58.95	57.57	1.376	85.8	89.6	26.308	72.013	0	
"2014-09-27	10:00:00"	7.267	129.8	11.05	13.52	1	130.4	13.43	1	60.7	60.77	-0.066	85.4	86.6	26.322	85.467	0	
"2014-09-27	11:00:00"	7.935	132.4	11.66	12.33	1	134.8	13.31	1	62.22	62.62	-0.399	83.3	83.3	26.33	197.49	0	
"2014-09-27	12:00:00"	7.55	137.9	19.9	16.51	1	138.7	20.49	1	64.73	65.41	-0.689	75.98	75.35	26.329	359.3	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-27	13:00:00"	9.06	162.8	13.98	15.31	1	162.3	17.04	1	66.35	66.96	-0.608	72.93	72.41	26.319	258.75	0
"2014-09-27	14:00:00"	8.43	165.4	22.54	14.72	1	166.2	24.95	1	67.36	68.14	-0.78	72.38	71.51	26.301	353.83	0
"2014-09-27	15:00:00"	10.56	165.4	15.63	18.89	1	165.8	17.11	1	70.24	71.36	-1.12	64.82	63.64	26.272	693.99	0
"2014-09-27	16:00:00"	10.27	183	15.8	17.1	1	184.7	19.45	1	71.66	72.76	-1.095	59.9	58.58	26.251	489.04	0
"2014-09-27	17:00:00"	10.48	172.7	12.69	18.3	1	172.5	15.73	1	72.69	73.44	-0.748	56.92	56.22	26.232	402.99	0
"2014-09-27	18:00:00"	9.89	184.3	10.39	16.51	1	185.5	13.69	1	72.62	72.76	-0.145	57.3	57.24	26.221	115.97	0
"2014-09-27	19:00:00"	8.28	168.8	19.56	15.31	1	169.5	21.3	1	72.28	72.1	0.186	58.95	59.62	26.219	51.827	0
"2014-09-27	20:00:00"	9.04	137.1	6.496	14.72	1	137.1	8.16	1	70.75	70.15	0.599	63.17	64.65	26.223	12.882	0
"2014-09-27	21:00:00"	8.18	125.7	5.996	10.54	1	125.5	9.15	1	68.15	66.96	1.186	69.46	72.55	26.237	0	0
"2014-09-27	22:00:00"	9.32	129.8	13.96	13.52	1	130.1	15.48	1	67.08	66.3	0.787	72.16	73.97	26.257	0	0
"2014-09-27	23:00:00"	8.6	125.4	9.03	14.12	1	125.4	12.15	1	65.48	64.47	1.013	75.89	78.31	26.266	0	0
"2014-09-28	00:00:00"	8.36	135.2	9.91	11.14	1	135.5	10.87	1	64.19	63.34	0.844	79.5	81.5	26.271	0	0
"2014-09-28	01:00:00"	8.9	144	7.93	11.74	1	144.2	8.55	1	63.47	62.97	0.497	79.74	80.8	26.275	0	0
"2014-09-28	02:00:00"	7.628	157.5	10.95	11.14	1	156.7	11.85	1	61.99	61.68	0.306	83.1	83.5	26.279	0	0
"2014-09-28	03:00:00"	6.912	150.7	8.73	11.14	1	150.2	9.58	1	61.09	60.83	0.267	86.3	86.5	26.28	0	0
"2014-09-28	04:00:00"	5.743	154	8.61	8.16	1	151.9	9.27	1	60.77	60.45	0.313	88.2	88.3	26.284	0	0
"2014-09-28	05:00:00"	6.42	156.8	9.67	9.35	1	154.9	10.78	1	60.32	60.04	0.285	89.7	89.6	26.279	0.11234	0
"2014-09-28	06:00:00"	4.897	135.8	14.33	8.75	1	118.4	28.69	1	59.18	58.32	0.858	90.3	89.9	26.281	0.34507	0
"2014-09-28	07:00:00"	5.89	101.1	9.01	8.16	1	96.3	12.65	1	58.04	57.64	0.401	90.9	90.7	26.285	0.3451	0.01
"2014-09-28	08:00:00"	5.589	111.1	7.915	8.75	1	110.9	10.66	1	58.73	58.74	-0.007	91.2	91.1	26.287	2.0898	0
"2014-09-28	09:00:00"	7.215	130.7	13.62	11.74	1	132	15.09	1	59.37	59.54	-0.17	91.5	91.3	26.3	43.78	0
"2014-09-28	10:00:00"	7.246	155.1	13.25	11.74	1	155.7	14.22	1	59.99	60.4	-0.411	91.5	91.1	26.313	179.94	0
"2014-09-28	11:00:00"	7.743	146.4	16.16	12.93	1	148	16.99	1	61.93	62.55	-0.614	90.8	86.4	26.32	357.21	0
"2014-09-28	12:00:00"	8.02	135.4	20.22	14.12	1	136.9	22.7	1	66.27	67.25	-0.985	74.62	72.76	26.318	581.53	0
"2014-09-28	13:00:00"	9.64	139.6	18.31	15.31	1	140.1	19.15	1	69.26	70.38	-1.119	65.91	64.47	26.313	742.24	0
"2014-09-28	14:00:00"	8.72	130.7	22.7	16.51	1	131.7	23.72	1	71.09	72.38	-1.284	62.15	60.52	26.303	780.11	0
"2014-09-28	15:00:00"	9.71	149.3	23.84	17.1	1	151.2	24.85	1	72.99	74.35	-1.36	56.33	54.48	26.284	785.42	0
"2014-09-28	16:00:00"	10.38	121.2	19.67	18.89	1	122.6	22.1	1	74.46	75.85	-1.387	53.45	51.5	26.27	765.68	0
"2014-09-28	17:00:00"	10.93	117.6	12.89	17.1	1	119.6	15.38	1	74.94	76.08	-1.138	51.55	49.95	26.256	511.03	0
"2014-09-28	18:00:00"	10.74	124.4	12.88	16.51	1	127.2	15.23	1	75.01	75.63	-0.622	51.53	50.64	26.253	272.68	0
"2014-09-28	19:00:00"	9.56	120.4	9.11	15.31	1	123	11.75	1	74.57	74.86	-0.293	52.36	52.01	26.257	191.73	0
"2014-09-28	20:00:00"	8.67	108.4	6.329	12.33	1	108.3	9.59	1	71.87	71.21	0.656	58.67	60.36	26.259	25.037	0
"2014-09-28	21:00:00"	8.19	97.6	4.957	9.95	1	94.7	7.669	1	67.92	66.69	1.231	67.37	70.92	26.268	0	0
"2014-09-28	22:00:00"	7.769	95.2	4.049	9.35	1	86.6	7.686	1	66.01	64.24	1.773	71.83	76.97	26.28	0	0
"2014-09-28	23:00:00"	7.774	97.2	3.23	8.75	1	83.6	7.133	1	65.45	62.99	2.452	72.72	79.61	26.285	0	0
"2014-09-29	00:00:00"	8.22	91.9	6.19	10.54	1	81	7.65	1	64.56	62.13	2.423	74.34	80.8	26.284	0	0
"2014-09-29	01:00:00"	7.44	119.7	17.92	10.54	1	116.4	22.12	1	63.23	61.75	1.48	78.05	82	26.287	0	0
"2014-09-29	02:00:00"	7.103	141	7.556	9.95	1	139.3	9.47	1	63.28	62.32	0.959	77.32	79.82	26.282	0	0
"2014-09-29	03:00:00"	6.452	144.2	8.51	9.35	1	138.6	12.61	1	63.28	62.11	1.174	77.21	79.85	26.284	0	0
"2014-09-29	04:00:00"	6.139	142.6	8.39	8.16	1	131.3	10.78	1	62.73	61.03	1.703	79.29	82.8	26.281	0	0
"2014-09-29	05:00:00"	6.423	137.6	7.491	8.75	1	129.1	9.13	1	61.88	60.06	1.826	81.5	84.9	26.271	0	0
"2014-09-29	06:00:00"	7.199	138	8.34	9.35	1	136.2	9.89	1	61.1	60.06	1.04	84	85.9	26.26	0	0
"2014-09-29	07:00:00"	7.522	135.1	9.33	11.14	1	134.1	10.81	1	60.94	60.14	0.797	84.7	86	26.261	0	0
"2014-09-29	08:00:00"	7.219	106.6	8.44	9.35	1	98.2	11.09	1	59.23	57.87	1.358	86.4	87.8	26.268	3.5699	0
"2014-09-29	09:00:00"	7.613	118	9.09	11.74	1	115.8	13.5	1	60.59	60.13	0.463	85.5	87	26.278	116.7	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-09-29	10:00:00"	10.27	133.5	12.41	15.91	1	135.3	13.56	1	64.97	65.35	-0.376	77.39	77.22	26.291	315.44	0
"2014-09-29	11:00:00"	13.74	155.6	11.56	21.28	1	155.1	12.45	1	69.1	69.66	-0.555	66.06	65.35	26.289	511.73	0
"2014-09-29	12:00:00"	15.5	160.9	14.1	23.07	1	161	15.07	1	71.48	72.42	-0.937	58.72	57.32	26.28	673.65	0
"2014-09-29	13:00:00"	16.45	153	12.78	24.86	1	152.9	13.9	1	73.43	74.63	-1.197	54.62	52.66	26.267	787.97	0
"2014-09-29	14:00:00"	14.75	158.8	13.53	23.07	1	158.5	15.11	1	74.78	75.94	-1.156	51.1	49.13	26.255	684.92	0
"2014-09-29	15:00:00"	14.98	150.2	15.96	25.45	1	150.2	16.59	1	75.71	77.07	-1.362	49.33	47.17	26.232	677.18	0
"2014-09-29	16:00:00"	14.42	151.8	13.92	22.47	1	151.4	14.83	1	76.74	77.94	-1.193	48.67	46.55	26.205	689.14	0
"2014-09-29	17:00:00"	13.88	152.3	13.71	23.66	1	151.7	14.22	1	77.82	79	-1.175	46.77	44.66	26.184	581.36	0
"2014-09-29	18:00:00"	13.73	154.4	12.19	22.47	1	153.5	13.21	1	78.06	78.83	-0.773	45.65	43.94	26.168	419.45	0
"2014-09-29	19:00:00"	14.2	150.4	10.46	20.68	1	149.9	10.74	1	77.75	78.06	-0.316	46.29	45.02	26.159	203.61	0
"2014-09-29	20:00:00"	11.56	149.8	8.65	16.51	1	149.4	9.29	1	75.3	75.07	0.24	49.35	48.89	26.154	21.064	0
"2014-09-29	21:00:00"	9.05	146.6	7.193	13.52	1	146.4	8.14	1	72.06	71.49	0.57	55.58	56.13	26.15	0	0
"2014-09-29	22:00:00"	9.35	146.1	7.804	12.93	1	146.1	8.56	1	69.66	69.11	0.552	61.79	62.47	26.155	0	0
"2014-09-29	23:00:00"	10.3	155.5	9.24	15.91	1	154.3	9.85	1	68.36	68	0.355	64.01	64.14	26.156	0	0
"2014-09-30	00:00:00"	10.82	164	10.09	18.89	1	163.3	11.52	1	67.84	67.38	0.452	64.84	65.16	26.155	0	0
"2014-09-30	01:00:00"	11.95	167.6	9.15	18.89	1	166.6	10.99	1	67.92	67.51	0.405	65.89	66.1	26.151	0	0
"2014-09-30	02:00:00"	9.72	175.2	7.509	14.12	1	174.3	10.5	1	66.23	65.71	0.518	70.1	70.79	26.145	0	0
"2014-09-30	03:00:00"	7.481	178.1	8.2	11.14	1	176.3	11.65	1	65.34	64.7	0.647	70.72	71.97	26.141	0	0
"2014-09-30	04:00:00"	9.35	172.5	7.627	13.52	1	171.6	10.58	1	65.08	64.6	0.485	72.61	73.33	26.132	0	0
"2014-09-30	05:00:00"	8.98	179.1	8.68	13.52	1	179.1	12.69	1	65.24	64.89	0.353	75.54	75.9	26.124	0	0
"2014-09-30	06:00:00"	8.73	174.1	9.62	12.93	1	174.2	12.52	1	64.2	63.84	0.355	78.9	79.3	26.116	0	0
"2014-09-30	07:00:00"	7.509	189.5	7.594	11.14	1	195.3	12.18	1	63.1	62.67	0.438	81.6	82.2	26.115	0	0
"2014-09-30	08:00:00"	7.626	189	8.11	11.74	1	195.7	12.6	1	62.25	61.79	0.456	83.2	83.9	26.117	1.9269	0
"2014-09-30	09:00:00"	6.431	201	13.97	10.54	1	205.8	16.14	1	62.38	62.41	-0.028	83.4	83.3	26.124	108.69	0
"2014-09-30	10:00:00"	10.52	197	12.19	15.91	1	197.9	14.34	1	66.2	66.71	-0.512	76.44	75.32	26.13	308.46	0
"2014-09-30	11:00:00"	10.16	208.7	13.45	14.72	1	210.8	16.26	1	69.7	70.52	-0.814	69.22	67.47	26.129	506.35	0
"2014-09-30	12:00:00"	9.26	225.1	16.24	15.31	1	227.1	20.35	1	73.74	74.67	-0.934	61.52	59.69	26.123	672.38	0
"2014-09-30	13:00:00"	10.17	245.4	17.87	18.3	1	248.9	21.66	1	78.56	79.72	-1.159	50.62	48.77	26.109	788.4	0
"2014-09-30	14:00:00"	13.78	260.9	17.16	22.47	1	265.7	20.85	1	82.5	83.7	-1.19	35.64	34.3	26.09	839.78	0
"2014-09-30	15:00:00"	14.66	260	13.78	26.05	1	265.9	16.96	1	83.3	84.5	-1.248	33.23	31.82	26.064	808.1	0
"2014-09-30	16:00:00"	13.01	237.1	21.54	21.28	1	240.2	25.99	1	84.4	85.4	-1.014	32.96	31.48	26.038	734.27	0
"2014-09-30	17:00:00"	13.64	243.8	18.88	23.07	1	248.5	22.86	1	85	85.8	-0.79	31.72	30.38	26.024	566.57	0
"2014-09-30	18:00:00"	15.86	234.3	19.29	28.43	1	237.2	22.85	1	85.1	85.5	-0.333	30.63	29.29	26.01	409.01	0
"2014-09-30	19:00:00"	15.46	255.4	10.35	24.86	1	263.1	14.52	1	84.4	84.3	0.073	32.6	31.67	26.006	198.75	0
"2014-09-30	20:00:00"	9.16	260.2	9.33	15.91	1	268	11.85	1	81.8	81.1	0.741	36.84	36.63	26.014	23.87	0
"2014-09-30	21:00:00"	8.06	256.6	10.51	13.52	1	264	12.01	1	79.13	77.94	1.184	39.03	39.86	26.027	0	0
"2014-09-30	22:00:00"	5.342	243.9	7.557	6.964	1	253.4	12.13	1	76.71	74.91	1.799	40.6	43.82	26.038	0	0
"2014-09-30	23:00:00"	4.694	202.3	24.53	9.95	1	198.7	32.62	1	73.04	71.59	1.448	47.91	51.01	26.053	0	0
"2014-10-01	00:00:00"	3.897	206.8	22.29	11.14	1	196.7	36.82	1	73.17	71.27	1.895	46.46	50.24	26.056	0	0
"2014-10-01	01:00:00"	5.85	174.8	14.21	11.74	1	174.5	20.37	1	70.58	68.96	1.625	53.17	56.18	26.058	0	0
"2014-10-01	02:00:00"	8.11	169.3	11.58	11.74	1	166.6	13.22	1	68.13	67.42	0.71	68.62	69.3	26.053	0	0
"2014-10-01	03:00:00"	6.266	189.4	11.89	11.74	1	194.8	16.37	1	66.97	66.3	0.67	75.39	75.95	26.053	0	0
"2014-10-01	04:00:00"	4.521	210.3	16.4	7.561	1	216.5	16.76	1	65.94	65.43	0.51	80.1	80.3	26.053	0	0
"2014-10-01	05:00:00"	4.883	216.7	16.08	7.561	1	219.2	18.54	1	65.64	65.15	0.493	82.8	82.9	26.047	0	0
"2014-10-01	06:00:00"	4.962	204.2	15.16	8.16	1	207.7	18.35	1	64.55	64.03	0.521	85.8	85.9	26.044	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-10-01	07:00:00"	5.647	199.2	18.33	8.75	1	201.6	23.36	1	63.48	62.93	0.55	88.5	88.4	26.05	0	0
"2014-10-01	08:00:00"	5.414	204.3	18.15	8.16	1	205.4	22.03	1	62.68	62.3	0.384	89.6	89.3	26.063	2.9479	0
"2014-10-01	09:00:00"	5.84	198.2	12.11	9.95	1	201.4	16.08	1	62.1	62.02	0.086	90.9	90.5	26.078	107.18	0
"2014-10-01	10:00:00"	7.453	249.6	19.38	12.33	1	256.7	21.31	1	65.14	65.74	-0.598	88.9	87.7	26.091	312.81	0
"2014-10-01	11:00:00"	8.25	245.1	14.45	14.72	1	249.8	17.21	1	69.49	70.39	-0.901	78.02	76.17	26.099	512.33	0
"2014-10-01	12:00:00"	9.3	234.7	17.26	15.91	1	237.8	20.7	1	75.22	76.02	-0.795	51.71	50.24	26.099	684.71	0
"2014-10-01	13:00:00"	12.44	258.2	12.94	19.49	1	264.1	16.7	1	79.79	80.8	-1.041	29.9	28.88	26.089	801.24	0
"2014-10-01	14:00:00"	11.69	233.6	44.11	20.09	1	268.6	18.74	1	81.4	82.4	-1.021	25.9	24.67	26.076	852.99	0
"2014-10-01	15:00:00"	12.76	240.4	36.8	23.66	2.485	251.4	43.26	32.01	83.2	84.1	-0.92	21.61	20.41	26.047	821.44	0.1
"2014-10-01	16:00:00"	12.91	239.3	18.16	21.87	10.17	244.6	22.42	17.7	83.7	84.6	-0.93	21.68	20.45	26.029	747.3	0
"2014-10-01	17:00:00"	12.82	231.6	19.04	21.87	10.03	235.2	22.67	18.89	84.4	85.1	-0.695	22.08	20.81	26.021	600.66	0
"2014-10-01	18:00:00"	13.01	226.9	16.73	22.47	10.56	229.9	19.59	18.89	84.7	85	-0.277	21.55	20.23	26.018	412.28	0
"2014-10-01	19:00:00"	11.83	235	12.53	23.66	9.56	239.6	15	20.09	83.8	83.7	0.13	21.45	20.27	26.026	203.83	0
"2014-10-01	20:00:00"	7.51	230.8	12.1	14.12	5.761	233.5	14.57	11.74	79.97	79.41	0.557	28.44	27.66	26.031	23.209	0
"2014-10-01	21:00:00"	5.935	221.2	14.14	9.35	4.172	221.4	16.68	7.561	76.01	75.17	0.846	34.26	34.06	26.04	0	0
"2014-10-01	22:00:00"	6.173	230.9	12.55	9.35	4.516	232.5	15.09	7.561	74.18	73.32	0.869	36.8	36.84	26.056	0	0
"2014-10-01	23:00:00"	7.321	237.8	10.42	12.33	5.255	242.9	13.43	9.95	73.2	72.19	1.014	35.17	35.51	26.066	0	0
"2014-10-02	00:00:00"	6.896	240.6	12.39	11.14	4.871	245.7	15.71	8.75	71.42	70.32	1.098	34.5	35.04	26.065	0	0
"2014-10-02	01:00:00"	6.033	246.8	10.15	9.35	3.886	251.3	13.8	6.964	68.6	67.26	1.348	36.83	38.09	26.067	0	0
"2014-10-02	02:00:00"	6.02	234	56.79	11.14	3.766	225.3	71.3	9.35	66.48	63.81	2.671	39.28	44.08	26.067	0	0
"2014-10-02	03:00:00"	4.705	179.4	8.58	6.964	2.385	176.3	10.97	3.982	67.34	64.84	2.496	38.48	43.05	26.074	0	0
"2014-10-02	04:00:00"	5.547	175.5	14.64	8.16	3.277	174.7	15.08	5.771	66.62	64.13	2.491	47.99	53.17	26.074	0	0
"2014-10-02	05:00:00"	5.864	215.1	21.93	9.35	3.871	216.4	27.67	6.964	63.73	62.15	1.584	51.7	55.81	26.077	0	0
"2014-10-02	06:00:00"	6.444	217.2	18.5	9.95	4.394	216.9	23.83	7.561	62.27	61.2	1.074	63.85	64.64	26.09	0	0
"2014-10-02	07:00:00"	7.944	282	19.01	11.14	3.581	289.9	20.97	5.771	60.81	57.93	2.888	50.73	58.62	26.112	0	0
"2014-10-02	08:00:00"	9.59	303.9	6.723	12.33	4.205	309.6	9.94	8.16	57.77	55.77	2.006	56.53	61.41	26.129	2.6734	0
"2014-10-02	09:00:00"	12.74	322.5	11.59	18.89	8.32	325.2	12.37	13.52	59.66	59.2	0.462	51.25	52.26	26.157	114.84	0
"2014-10-02	10:00:00"	15.88	358.3	14.02	24.26	11.94	356.3	16.21	20.68	65.61	65.93	-0.323	43.06	42.54	26.195	320.55	0
"2014-10-02	11:00:00"	16.28	5.824	13.82	22.47	12.42	4.182	18.01	18.89	66.28	67.28	-0.998	46.15	44.66	26.218	518.11	0
"2014-10-02	12:00:00"	15.16	8.81	13.28	21.87	11.74	8.05	18.22	20.09	67.67	69.16	-1.485	48.1	45.99	26.236	680.72	0
"2014-10-02	13:00:00"	11.59	7	17.16	17.7	9.22	6.982	22.05	15.91	70.44	72.28	-1.842	45.37	43.09	26.243	792.18	0
"2014-10-02	14:00:00"	10.42	1.494	19.84	20.09	8.32	2.297	22.96	17.1	72.61	74.5	-1.886	40.3	38.46	26.24	840.38	0
"2014-10-02	15:00:00"	13.36	337.5	17.22	24.86	10.11	337.8	18.25	20.68	74.01	75.93	-1.918	36.15	34.5	26.235	802.41	0
"2014-10-02	16:00:00"	13.98	342.3	16.72	22.47	10.75	343.1	18.34	18.3	74.65	76.4	-1.748	35.44	33.87	26.228	730.06	0
"2014-10-02	17:00:00"	13.58	348.2	16.32	21.28	10.38	347.8	18.91	18.3	75.39	76.82	-1.437	32.29	31.07	26.224	589.55	0
"2014-10-02	18:00:00"	11.46	349.4	16.69	19.49	8.73	347.7	17.76	17.7	75.21	76.21	-1.004	30.86	29.95	26.224	402.5	0
"2014-10-02	19:00:00"	9.2	341.9	15.48	14.12	6.649	342.2	16.09	12.33	74.37	74.54	-0.173	30.1	29.99	26.233	196.45	0
"2014-10-02	20:00:00"	7.479	11.51	9.67	9.95	4.373	9.11	12.36	6.964	70.13	67.68	2.447	36.89	41.66	26.256	21.759	0
"2014-10-02	21:00:00"	9.66	14.17	5.832	13.52	5.481	13.15	11.45	9.35	64.48	61.45	3.024	45.37	52.14	26.274	0	0
"2014-10-02	22:00:00"	6.417	41.68	9.01	8.75	3.61	54.68	15.64	6.368	63.52	60.88	2.64	45.68	51.76	26.291	0	0
"2014-10-02	23:00:00"	7.984	34.93	4.6	9.95	4.467	35.19	10.46	6.368	61.59	58.72	2.866	48.68	55.55	26.306	0	0
"2014-10-03	00:00:00"	8.06	39.95	7.39	10.54	4.785	35.85	9.93	6.964	60.99	58.48	2.512	49.11	54.67	26.313	0	0
"2014-10-03	01:00:00"	7.852	54.31	8.88	11.14	4.515	54.94	11.36	7.561	61.03	58.54	2.486	47.72	53.05	26.315	0	0
"2014-10-03	02:00:00"	7.492	89.9	12.15	9.35	3.566	70.44	16.6	5.771	59.08	53.87	5.207	51.74	64.22	26.313	0	0
"2014-10-03	03:00:00"	5.756	121.1	20.51	8.75	2.51	83.9	40.15	5.771	58.67	54.76	3.919	53.71	62.17	26.315	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-10-03	04:00:00"	3.045	177.3	52.06	5.175	2.074	221.6	92.6	4.578	58.48	55.07	3.411	54.71	62.35	26.32	0	0	
"2014-10-03	05:00:00"	2.669	264.2	54.57	5.175	2.796	314.7	15.59	4.578	59.39	51.6	7.784	49.96	68.75	26.322	0	0	
"2014-10-03	06:00:00"	3.248	247.3	36.5	5.771	2.037	254.8	54.99	3.982	55.21	51.13	4.082	61.65	71.69	26.346	0	0	
"2014-10-03	07:00:00"	4.015	262.2	20.37	6.368	2.475	282.4	43.11	4.578	54.61	51.62	2.991	62.56	69.92	26.365	0	0	
"2014-10-03	08:00:00"	4.404	270.5	13.94	6.368	2.471	290.1	36.12	3.982	55.35	51.97	3.377	60.53	67.8	26.38	2.6416	0	
"2014-10-03	09:00:00"	3.253	320.5	32.75	5.771	2.412	8.7	36.2	3.386	54.95	52.52	2.435	63.02	72.49	26.4	112.97	0	
"2014-10-03	10:00:00"	2.73	215.9	56.58	5.771	2.388	205.4	57.24	5.771	60.38	60.51	-0.131	55.92	55.97	26.416	321.35	0	
"2014-10-03	11:00:00"	6.122	209.2	19.73	12.33	5.04	215.8	22.87	11.14	65.67	66.4	-0.733	46.5	45.17	26.437	519.51	0	
"2014-10-03	12:00:00"	10.07	197.3	16.11	15.91	8.23	199.8	20.18	13.52	68.59	69.8	-1.214	39.6	37.86	26.442	683.96	0	
"2014-10-03	13:00:00"	7.917	201.3	26.24	15.31	6.541	203	30.35	12.93	70.69	71.94	-1.247	36.27	34.65	26.436	794.61	0	
"2014-10-03	14:00:00"	4.947	212.7	50.69	11.14	4.266	211.2	55.18	9.95	72.84	73.94	-1.102	34.44	32.96	26.425	842.52	0	
"2014-10-03	15:00:00"	4.954	229.9	66.21	13.52	4.216	235.7	71.22	12.93	74.61	75.7	-1.091	32.24	30.75	26.406	801.71	0	
"2014-10-03	16:00:00"	4.802	253	50.64	9.95	3.99	261	52.32	8.16	76.17	77.32	-1.155	28.28	27.04	26.385	732.82	0	
"2014-10-03	17:00:00"	4.428	237.5	44.65	9.95	3.724	243	51.54	9.95	77.33	78.13	-0.8	24.92	23.83	26.38	586.48	0	
"2014-10-03	18:00:00"	3.159	268.7	72.95	7.561	2.79	266.6	72.67	7.561	77.45	78.08	-0.638	25.05	23.96	26.379	394.06	0	
"2014-10-03	19:00:00"	3.88	126.7	29.96	6.368	3.12	128.9	36.73	5.175	77.19	77.23	-0.04	26.17	25.83	26.376	186.3	0	
"2014-10-03	20:00:00"	5.994	113.3	21.73	11.74	3.703	109	20.85	7.561	74.08	71.9	2.176	32.07	37.79	26.381	19.103	0	
"2014-10-03	21:00:00"	12.75	72.83	8.61	21.28	9.08	76.15	10.11	17.1	64.65	64.07	0.573	49.75	49.86	26.406	0	0	
"2014-10-03	22:00:00"	13.25	67.5	7.445	20.09	9.31	71.56	10.91	14.72	61.08	60.82	0.263	54.3	53.73	26.432	0	0	
"2014-10-03	23:00:00"	12.71	73.1	7.024	17.1	9.36	76.62	9.61	14.12	58.52	58.26	0.259	57.43	56.9	26.439	0	0	
"2014-10-04	00:00:00"	10.96	76.86	6.426	14.12	7.922	78.9	8.81	11.14	55.93	55.63	0.299	62.04	61.78	26.439	0	0	
"2014-10-04	01:00:00"	9.31	72.21	6.98	12.33	6.338	75.02	9.29	9.95	53.71	53.35	0.368	66.89	67.01	26.439	0	0	
"2014-10-04	02:00:00"	8.05	76.14	8.02	11.14	5.221	77.51	9.28	8.16	51.8	51.27	0.529	70.85	71.6	26.44	0	0	
"2014-10-04	03:00:00"	7.968	72.88	6.588	9.95	4.642	70.15	9.94	6.964	50.67	49.82	0.856	71.45	73.58	26.44	0	0	
"2014-10-04	04:00:00"	7.904	58.71	7.025	10.54	5.039	57.46	9.23	7.561	50.19	49.49	0.703	71.08	72.86	26.437	0	0	
"2014-10-04	05:00:00"	7.698	54.06	6.815	10.54	5.222	54.76	9.04	8.16	49.43	48.86	0.57	71.92	73.22	26.426	0	0	
"2014-10-04	06:00:00"	8.27	52.01	8.74	11.14	5.726	55.07	12.08	9.35	49.45	48.96	0.492	70.11	71.08	26.414	0	0	
"2014-10-04	07:00:00"	8.08	62.51	8.17	12.93	5.107	62.38	10.43	8.75	47.12	46.55	0.561	74.51	75.89	26.399	0	0	
"2014-10-04	08:00:00"	7.575	78.5	9.66	9.35	4.164	69.34	10.82	6.368	46.64	45.41	1.228	74.18	77.58	26.39	2.3352	0	
"2014-10-04	09:00:00"	6.449	110.9	29.38	11.74	4.375	106.7	36.21	8.75	49.07	48.85	0.22	70.67	71.73	26.39	107.68	0	
"2014-10-04	10:00:00"	10.53	176.9	12.17	19.49	8.09	176.9	15.42	15.31	55.95	56.51	-0.56	59.61	58.22	26.386	311.57	0	
"2014-10-04	11:00:00"	15.19	186.7	10.85	23.07	11.63	187.4	14.96	18.3	61.31	62.32	-1.01	53.06	50.75	26.38	508.66	0	
"2014-10-04	12:00:00"	14.39	192.4	13.04	20.68	11.2	194.1	16.35	17.7	64.49	65.88	-1.387	49.4	46.54	26.365	672.51	0	
"2014-10-04	13:00:00"	13.85	198.3	13.38	21.87	10.94	200.4	16.09	18.89	68.47	69.95	-1.471	44.33	41.51	26.338	786.22	0	
"2014-10-04	14:00:00"	12.67	205.1	14.81	19.49	10.2	207.8	18.2	16.51	71.83	73.27	-1.433	38.96	36.7	26.307	834.87	0	
"2014-10-04	15:00:00"	12.12	221.9	17.26	20.68	9.85	225.3	20.79	17.7	75.24	76.42	-1.182	35.13	33.19	26.269	797.84	0	
"2014-10-04	16:00:00"	10.99	215.9	17.14	17.7	8.91	216.6	20.5	16.51	77.57	78.64	-1.066	32.89	31.09	26.236	726.61	0	
"2014-10-04	17:00:00"	9.32	235.8	23.54	18.89	7.44	241.1	26.19	17.7	80	80.9	-0.875	28.02	26.61	26.21	581.79	0	
"2014-10-04	18:00:00"	8.42	224.7	20.34	15.31	6.715	228.1	24.34	12.93	80.5	80.9	-0.449	27.69	26.41	26.193	392.45	0	
"2014-10-04	19:00:00"	6.364	222.9	15.09	11.74	5.124	226.2	17.59	9.95	80.4	80.2	0.138	29.27	28.25	26.182	183.94	0	
"2014-10-04	20:00:00"	3.803	184.4	18.17	6.368	2.381	179.7	21.43	4.578	77.71	76.46	1.247	34.61	35.81	26.178	17.686	0	
"2014-10-04	21:00:00"	4.191	168.2	9.62	6.368	2.339	148.2	18.42	4.578	73.63	72.04	1.587	40.17	41.95	26.185	0	0	
"2014-10-04	22:00:00"	4.348	164.8	8.89	6.368	2.128	151	18.7	3.386	71.4	69.29	2.114	42.51	45.84	26.189	0	0	
"2014-10-04	23:00:00"	7.267	167	11.38	19.49	4.551	160.6	24.07	14.72	69.83	67.96	1.868	44.19	46.93	26.186	0	0	
"2014-10-05	00:00:00"	11.41	175.4	7	17.1	8.24	174.2	10.43	14.72	65.32	64.62	0.704	54.27	54.54	26.178	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-05	01:00:00"	8.68	188.8	9.54	14.12	6.154	194.6	14.15	10.54	62.99	62.31	0.676	59.46	59.72	26.167	0
"2014-10-05	02:00:00"	6.869	207.3	11.98	11.74	5.317	205	12.53	9.35	61.58	61.1	0.473	62.13	61.93	26.158	0
"2014-10-05	03:00:00"	7.385	207.7	11.81	11.74	5.574	207.5	12.96	8.75	60.54	60.01	0.523	64.02	64.01	26.152	0
"2014-10-05	04:00:00"	5.967	211.7	12	9.35	4.417	211.8	14.76	8.16	59.4	58.86	0.54	66.16	66.29	26.141	0
"2014-10-05	05:00:00"	3.542	227.4	12.04	5.175	2.287	235.7	19.44	4.578	59.03	58.2	0.828	66.73	67.52	26.13	0
"2014-10-05	06:00:00"	4.169	245.1	13.65	5.771	2.732	270.4	16.42	3.982	58.49	56	2.489	67.42	71.46	26.127	0
"2014-10-05	07:00:00"	8.17	299.3	8.77	12.33	3.645	312.8	8.97	6.964	55.1	50.95	4.15	73.97	81.8	26.131	0
"2014-10-05	08:00:00"	6.554	268.5	12.06	9.35	3.877	281.3	13.51	6.368	56.74	53.99	2.753	70.8	76.64	26.131	2.2493
"2014-10-05	09:00:00"	5.828	259.2	8.72	8.75	3.956	269.3	13.04	6.964	58.46	57.41	1.051	67.08	69.96	26.131	108.42
"2014-10-05	10:00:00"	5.833	248.6	20.24	8.75	4.824	251	22.68	7.561	61.88	62.29	-0.405	63.73	62.71	26.142	316.66
"2014-10-05	11:00:00"	9.2	277.5	10.89	17.7	6.486	281.2	14.41	11.14	69.32	70.34	-1.019	44.81	43.45	26.152	519.51
"2014-10-05	12:00:00"	14.17	293.3	14.86	24.26	9.02	297.3	16.7	17.1	75.94	76.98	-1.039	28.06	27.14	26.146	686.12
"2014-10-05	13:00:00"	17.57	304.7	10.74	29.03	10.26	308.5	13.33	21.87	78.3	79.54	-1.234	21.79	20.84	26.135	799.66
"2014-10-05	14:00:00"	15.83	303.1	12.6	24.86	9.69	307.7	14.96	18.89	79.01	80.5	-1.498	21.64	20.59	26.12	847.08
"2014-10-05	15:00:00"	14.02	298.3	13.84	20.68	8.72	302.6	15.97	16.51	79.92	81.5	-1.615	22.51	21.41	26.096	805.44
"2014-10-05	16:00:00"	14.95	298	14.5	23.07	9.25	302.4	15.5	17.7	81.4	82.7	-1.364	21.85	20.74	26.073	727.29
"2014-10-05	17:00:00"	14.65	302.2	11.85	22.47	8.87	307.1	14.02	18.3	82.3	83.3	-1.054	21.67	20.67	26.066	580.32
"2014-10-05	18:00:00"	14.22	304.9	12.3	22.47	8.58	308.8	14.34	19.49	82.3	82.8	-0.515	22.55	21.65	26.064	391.15
"2014-10-05	19:00:00"	12.04	307.7	9.74	19.49	6.903	311.6	12.18	13.52	81.4	81.1	0.316	24.92	24.43	26.066	182.2
"2014-10-05	20:00:00"	7.711	298.5	7.387	12.93	3.212	305.5	7.268	8.75	77.19	73.61	3.576	29.99	33.98	26.071	16.706
"2014-10-05	21:00:00"	9.01	314.7	13.75	12.33	4.13	323.1	12.29	7.561	72.13	67.09	5.033	35.67	43.14	26.088	0
"2014-10-05	22:00:00"	9.84	338.6	6.849	12.33	4.919	342.7	11.45	6.964	70.24	64.95	5.298	38.02	46.59	26.11	0
"2014-10-05	23:00:00"	7.383	342.2	9.91	9.95	3.708	337.5	18.97	5.175	66.41	61.27	5.134	45.84	55.97	26.126	0
"2014-10-06	00:00:00"	9.97	1.068	13.52	11.74	4.565	1.604	9.42	6.368	67.81	59.92	7.89	44.27	60.04	26.135	0
"2014-10-06	01:00:00"	9.92	7.083	2.089	11.74	4.695	5.924	9.46	6.368	66.27	59.05	7.224	47.15	62.05	26.144	0
"2014-10-06	02:00:00"	9.75	341.6	27.36	12.33	4.818	341.9	24.57	8.16	62.64	58.48	4.155	55.14	63.82	26.151	0
"2014-10-06	03:00:00"	9.39	349.5	18.62	11.14	5.357	354.5	17.67	6.964	60.22	57.3	2.921	60.31	66.36	26.157	0
"2014-10-06	04:00:00"	9.28	3.388	16.58	10.54	4.867	1.085	9.96	6.368	59.75	55.52	4.233	60.68	70.23	26.152	0
"2014-10-06	05:00:00"	9.32	359.8	11.62	10.54	4.706	5.78	10.17	5.771	60.17	54.61	5.561	58.26	71.48	26.136	0
"2014-10-06	06:00:00"	7.093	346.1	11.36	9.95	3.901	343.1	18.47	5.175	59.21	52.83	6.377	57.91	73.88	26.138	0
"2014-10-06	07:00:00"	8.97	3.943	12.38	10.54	4.481	7.937	6.122	5.771	59.33	52.28	7.049	57.93	74.58	26.148	0
"2014-10-06	08:00:00"	7.818	348.8	10.71	10.54	4.156	350.6	13.33	5.771	58	51.99	6.005	60.07	74.8	26.164	2.0489
"2014-10-06	09:00:00"	6.219	8.78	13.34	9.35	3.667	21.98	17.69	5.771	57.5	55.45	2.051	63.81	71.07	26.185	103.57
"2014-10-06	10:00:00"	3.445	50.27	28.17	5.175	2.754	47.7	32.4	4.578	66.9	67.1	-0.196	51.46	52.83	26.211	307.74
"2014-10-06	11:00:00"	4.344	153.8	23.03	7.561	3.586	155.5	24.24	6.964	72.74	73.18	-0.436	44.66	43.68	26.219	506.82
"2014-10-06	12:00:00"	7.087	184.8	15.95	11.14	5.685	185.6	19.17	9.95	76.45	77.44	-0.989	36.44	35.24	26.209	672.54
"2014-10-06	13:00:00"	6.347	217.8	26.92	11.14	5.273	221.4	31.44	10.54	79.28	80.2	-0.956	31.97	30.74	26.206	784.83
"2014-10-06	14:00:00"	7.587	228.9	27.1	14.12	6.142	233.9	33.05	12.93	81.5	82.6	-1.077	28.05	26.76	26.187	830.15
"2014-10-06	15:00:00"	8.7	229.9	22.7	17.1	7.156	232.8	27.69	15.91	83.6	84.6	-1.012	24.21	22.89	26.162	789.14
"2014-10-06	16:00:00"	9.14	235.6	25.06	16.51	7.364	240	28.99	13.52	85	85.9	-0.885	20.59	19.37	26.145	717.11
"2014-10-06	17:00:00"	9.92	234	19.63	18.3	7.934	238	22.57	14.12	85.9	86.5	-0.581	16.35	15.18	26.137	578.72
"2014-10-06	18:00:00"	10.6	226.9	15.21	17.7	8.63	230.2	18.09	15.31	86.1	86.3	-0.189	14.12	12.83	26.134	390.4
"2014-10-06	19:00:00"	9.96	225.3	13.65	16.51	8.15	226.9	15.84	14.12	84.9	84.7	0.221	14.8	13.48	26.129	181.48
"2014-10-06	20:00:00"	6.6	208.7	14.13	11.14	4.931	207.5	14.81	9.95	79.32	78.45	0.868	21.22	20.49	26.129	13.603
"2014-10-06	21:00:00"	6.677	203.7	10.95	9.95	4.583	203.9	11.63	6.964	73.54	72.5	1.046	26.32	26.01	26.136	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-06	22:00:00"	4.634	218.3	12.65	8.16	2.99	215	13.63	5.771	72.58	71.41	1.172	26.99	26.79	26.151	0
"2014-10-06	23:00:00"	4.82	211.5	14.11	7.561	2.994	209.4	16.27	4.578	71.43	69.94	1.491	28.29	29.59	26.165	0
"2014-10-07	00:00:00"	6.207	224.7	17.96	11.14	4.165	224.1	22.06	8.16	68.18	66.8	1.375	32.35	33.1	26.169	0
"2014-10-07	01:00:00"	7.061	222.6	18.72	11.14	4.912	221.9	24.13	8.75	67.16	65.99	1.171	33.53	33.92	26.171	0
"2014-10-07	02:00:00"	6.299	208.9	12.44	8.75	4.228	209.3	15.75	6.964	66.34	65.02	1.325	34.75	35.34	26.162	0
"2014-10-07	03:00:00"	5.903	218.9	12.68	8.75	3.934	216.9	16.28	6.368	65	63.83	1.165	36.98	37.34	26.158	0
"2014-10-07	04:00:00"	5.985	222.9	13.41	9.35	4.083	225.6	17.67	8.16	64.3	63.11	1.193	37.79	38.3	26.156	0
"2014-10-07	05:00:00"	6.569	227.3	13.45	11.14	4.798	231.5	16.9	8.75	61.78	61.02	0.754	41.96	41.89	26.153	0
"2014-10-07	06:00:00"	7.28	249.3	9.62	10.54	4.405	253.6	15.11	6.964	63.23	61.01	2.223	38.33	41.2	26.155	0
"2014-10-07	07:00:00"	7.26	263.6	6.077	10.54	4.499	275.2	11.17	7.561	66.7	63.1	3.601	31.92	36	26.154	0
"2014-10-07	08:00:00"	6.573	229.3	20.12	11.14	4.354	228.5	25.01	8.75	62.3	60.2	2.106	38.98	41.47	26.171	2.7808
"2014-10-07	09:00:00"	5.752	221	12.78	8.16	3.839	225.3	18.3	6.368	62.41	61.19	1.222	38.88	40.42	26.184	101.47
"2014-10-07	10:00:00"	4.855	229	13.06	8.16	4.109	231.5	14.93	7.561	64.96	65.04	-0.079	39.49	38.84	26.199	296.35
"2014-10-07	11:00:00"	6.02	261.2	15.15	9.95	4.698	263.6	18.37	8.75	71.46	72.23	-0.767	32.97	32.14	26.216	505.59
"2014-10-07	12:00:00"	6.469	225.7	20.82	10.54	5.436	227.5	22.95	9.95	77.97	78.63	-0.666	28.51	27.38	26.217	684.24
"2014-10-07	13:00:00"	6.639	220.8	26.19	11.74	5.547	224.1	30.66	10.54	82.4	83.2	-0.868	23.82	22.77	26.205	784.37
"2014-10-07	14:00:00"	9.14	231.5	29.21	16.51	7.397	235.5	33.47	15.31	84.9	85.9	-1.055	19.32	18.22	26.186	844.8
"2014-10-07	15:00:00"	9	257.5	19.19	15.31	6.958	263.5	21.94	12.33	86.5	87.7	-1.175	17.8	16.95	26.171	799.74
"2014-10-07	16:00:00"	8.71	250.9	20.55	15.31	6.898	255.4	24.61	13.52	87.2	88.1	-0.905	16.78	15.87	26.154	694.73
"2014-10-07	17:00:00"	8.41	251.4	18.84	14.72	6.529	258.2	22.04	12.33	87.5	87.9	-0.399	16.66	15.9	26.145	469.43
"2014-10-07	18:00:00"	6.74	236.4	33.43	12.33	5.263	237.6	37.56	10.54	87.7	87.8	-0.092	16.77	15.95	26.139	359.94
"2014-10-07	19:00:00"	7.132	187.8	10.69	9.95	5.433	189	13.86	8.75	85.6	85.3	0.312	22.63	21.83	26.138	162.37
"2014-10-07	20:00:00"	7.462	180.1	8.02	11.74	5.345	178	10.14	8.75	80.8	79.62	1.193	26.94	27.12	26.146	13.237
"2014-10-07	21:00:00"	8.4	178.6	6.24	11.14	5.842	180.3	9.39	8.75	79.13	77.57	1.559	23.75	24.01	26.155	0
"2014-10-07	22:00:00"	9.62	167	9.53	14.72	6.639	167.1	12.24	11.14	78.24	76.65	1.593	21.7	21.92	26.168	0
"2014-10-07	23:00:00"	8.38	152.3	9.99	12.33	5.331	146.6	12.81	9.35	75.13	73	2.128	23.56	24.39	26.181	0
"2014-10-08	00:00:00"	8.32	146	9.36	12.33	5.148	138.3	12.33	9.35	73.36	71.23	2.124	27.29	28.35	26.186	0
"2014-10-08	01:00:00"	10.34	167.3	10.04	17.7	7.597	167.6	12.27	12.93	70.64	69.77	0.863	37.82	37.16	26.195	0
"2014-10-08	02:00:00"	8.59	169.2	10.02	15.31	6.263	171.3	12.9	12.93	67.73	67.1	0.636	57.78	57.22	26.19	0
"2014-10-08	03:00:00"	8.21	176.1	11.13	13.52	5.73	179.6	12.98	10.54	66.24	65.44	0.8	68.07	68.19	26.188	0
"2014-10-08	04:00:00"	6.505	186.4	9.82	9.35	4.266	190.8	13.72	6.964	65.05	64.11	0.946	72.86	73.37	26.189	0
"2014-10-08	05:00:00"	6.488	187.5	9.55	10.54	4.419	190.6	13.59	7.561	63.99	63.21	0.778	77.07	77.37	26.181	0
"2014-10-08	06:00:00"	5.677	208.3	12.36	9.35	4.089	209.4	14.41	6.964	63.08	62.48	0.597	79.55	79.84	26.185	0
"2014-10-08	07:00:00"	5.692	199	12.52	8.16	3.77	203.7	14.53	5.771	62.46	61.67	0.791	80.1	80.7	26.189	0
"2014-10-08	08:00:00"	5.036	230.5	13.29	6.964	3.524	240.7	15.82	5.771	61.84	61.16	0.678	82	82.3	26.199	1.1289
"2014-10-08	09:00:00"	5.54	240.3	9.57	7.561	4.124	250	11.8	6.368	61.85	61.51	0.339	82.2	82.3	26.209	90.993
"2014-10-08	10:00:00"	7.762	198.1	13.35	13.52	6.142	201.8	16.23	11.74	65.09	65.64	-0.554	77.77	76.19	26.221	272.08
"2014-10-08	11:00:00"	9.73	186.9	10.41	14.12	7.627	188.4	14.87	11.74	70.47	71.29	-0.815	65.27	63.33	26.226	463.95
"2014-10-08	12:00:00"	9.33	189.6	12.44	14.12	7.428	191.2	16.31	12.33	75.5	76.63	-1.129	54.24	51.83	26.229	615.84
"2014-10-08	13:00:00"	9.4	200.2	16.23	14.72	7.521	203.9	19.89	12.93	79.48	80.9	-1.375	43.19	40.84	26.221	776.05
"2014-10-08	14:00:00"	10.87	187.6	14.16	18.3	8.71	187.9	17.62	15.91	82.8	84.2	-1.409	33.32	31.4	26.198	790.92
"2014-10-08	15:00:00"	11.36	199.1	19.44	18.89	9.09	200.6	22.89	17.1	85.8	87	-1.204	27.87	26.09	26.171	762.81
"2014-10-08	16:00:00"	12.91	196.9	15.17	20.68	10.09	199.6	18.02	18.3	86.9	88.1	-1.146	25.08	23.35	26.151	674.26
"2014-10-08	17:00:00"	13.37	187.5	15.38	20.68	10.41	188.3	18.78	16.51	87.4	88.5	-1.061	24.19	22.47	26.138	566.64
"2014-10-08	18:00:00"	12.25	180.7	12.73	19.49	9.56	181.8	16.52	17.1	86.8	87.4	-0.541	27.04	25.49	26.125	349.78

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-08	19:00:00"	10.09	178.4	8.32	17.1	7.723	178.3	12.17	14.12	85.8	85.6	0.171	28.33	27.29	26.124	152.68	0	
"2014-10-08	20:00:00"	8.85	151.8	10.24	11.74	6.535	150.8	10.4	9.95	81.2	80.5	0.658	34.69	34.07	26.128	10.722	0	
"2014-10-08	21:00:00"	10.78	148.8	7.761	15.91	7.988	149	8.68	13.52	78.06	77.35	0.706	37.56	36.98	26.141	0	0	
"2014-10-08	22:00:00"	10.54	144.8	7.555	16.51	7.762	145.5	8.21	12.93	75.14	74.53	0.612	44.94	44.25	26.156	0	0	
"2014-10-08	23:00:00"	12.81	149.9	8.37	19.49	10	150.3	9.54	15.31	73.48	73.12	0.357	56.71	55.83	26.162	0	0	
"2014-10-09	00:00:00"	11.79	155.5	9.59	16.51	9.3	155.1	10.43	14.12	71.72	71.43	0.292	61.7	60.94	26.161	0	0	
"2014-10-09	01:00:00"	10.73	164.6	10.22	17.7	8.14	163.7	11.95	13.52	70.33	69.92	0.412	60.9	60.45	26.158	0	0	
"2014-10-09	02:00:00"	12.72	168.5	7.958	18.3	9.53	168.4	11.03	15.31	69.69	69.23	0.459	58.11	57.71	26.147	0	0	
"2014-10-09	03:00:00"	13.18	170.5	7.325	19.49	9.91	171	10.47	15.91	68.71	68.26	0.445	57.4	56.93	26.139	0	0	
"2014-10-09	04:00:00"	12.37	173.5	6.164	16.51	9.09	173.2	9.7	12.93	67.33	66.81	0.517	59.37	59.15	26.139	0	0	
"2014-10-09	05:00:00"	11.79	172	8.09	17.1	8.82	171	10.74	13.52	66.39	65.93	0.463	61.56	61.26	26.134	0	0	
"2014-10-09	06:00:00"	12.75	171.4	7.454	18.89	9.63	171.3	10.19	14.12	67	66.67	0.337	64.28	63.78	26.133	0	0	
"2014-10-09	07:00:00"	12.95	165	10.81	22.47	9.98	164.6	12.64	18.89	66.64	66.36	0.276	68.14	67.62	26.133	0	0	
"2014-10-09	08:00:00"	10.1	176.6	12.64	15.31	7.463	178.4	16.44	12.33	66.1	65.74	0.367	71.35	71.09	26.134	1.1914	0	
"2014-10-09	09:00:00"	7.228	194.2	13.9	12.33	5.434	195.4	16.53	10.54	64.74	64.62	0.115	75.45	74.92	26.142	83.752	0	
"2014-10-09	10:00:00"	12.77	187.4	9.82	20.09	9.74	190.1	14	15.91	67.85	68.11	-0.261	71.19	69.88	26.153	198.11	0	
"2014-10-09	11:00:00"	15.86	181.5	9.03	22.47	12.04	182.1	13.45	18.3	70.85	71.77	-0.92	64.9	62.44	26.158	475.32	0	
"2014-10-09	12:00:00"	15.3	192.2	13.29	23.66	11.88	194.5	16.27	19.49	74.52	75.79	-1.274	56.87	53.9	26.159	635.3	0	
"2014-10-09	13:00:00"	11.11	206.3	18.39	18.89	8.94	208.9	21.71	16.51	77.66	78.94	-1.276	49.79	47.09	26.155	740.23	0	
"2014-10-09	14:00:00"	9.29	206.5	22.63	17.1	7.466	209	25.75	14.12	80.4	81.7	-1.326	43.79	41.29	26.139	789.45	0	
"2014-10-09	15:00:00"	9.24	212.7	27.97	26.05	7.434	215.9	32.16	21.87	82.9	84.1	-1.146	37.16	35.28	26.108	751.96	0	
"2014-10-09	16:00:00"	12.65	217.7	19.25	21.87	10.1	220.3	22.75	20.09	85.5	86.5	-0.946	30.45	28.63	26.085	678.01	0	
"2014-10-09	17:00:00"	13.14	210.1	18.31	21.28	10.51	212.2	20.86	20.09	85.9	86.7	-0.82	31.12	29.34	26.076	535.12	0	
"2014-10-09	18:00:00"	11.73	212	18.17	20.09	9.37	212.8	22.05	17.7	85.8	86.2	-0.373	31.54	29.98	26.07	335.17	0	
"2014-10-09	19:00:00"	10.05	229.8	15.63	18.89	7.988	233.5	18.43	17.1	85.3	85.2	0.111	31.25	29.95	26.068	156.85	0	
"2014-10-09	20:00:00"	4.615	222.5	28.56	11.14	3.33	218.1	41.55	8.75	82	80.9	1.073	35.63	35.77	26.076	10.364	0	
"2014-10-09	21:00:00"	3.34	195	24.87	7.561	1.66	150.4	56.54	3.982	79.11	76.96	2.154	39.03	41.4	26.093	0	0	
"2014-10-09	22:00:00"	5.118	213.5	43.39	13.52	3.424	204.8	68.98	11.14	77.55	74.48	3.076	41.76	46.02	26.111	0	0	
"2014-10-09	23:00:00"	11.17	184.6	10.62	17.7	8.35	186	14.2	14.12	75.31	74.71	0.601	54.19	53.66	26.123	0	0	
"2014-10-10	00:00:00"	12.63	171.4	7.416	17.1	9.36	169.5	9.64	13.52	72.53	72.08	0.447	63.43	63.01	26.122	0	0	
"2014-10-10	01:00:00"	10.18	163.8	10.34	14.72	7.785	163.7	12.02	12.33	70.37	70.07	0.295	69.37	68.86	26.118	0	0	
"2014-10-10	02:00:00"	6.804	166.9	12.51	12.33	5.092	166.8	14.46	9.95	68.7	68.34	0.357	74.07	73.74	26.118	0	0	
"2014-10-10	03:00:00"	6.078	192.5	33.67	8.75	4.155	194.6	39.92	6.368	67.68	67.09	0.588	77.38	77.61	26.124	0	0	
"2014-10-10	04:00:00"	5.317	213.6	30.57	8.75	3.576	215.9	35.72	6.368	67.39	66.67	0.726	78.49	79.03	26.127	0	0	
"2014-10-10	05:00:00"	4.886	216.4	19.75	8.16	3.468	218.7	23.13	6.368	66.98	66.41	0.571	80.1	80.3	26.126	0	0	
"2014-10-10	06:00:00"	3.537	235.1	10.99	5.771	2.297	244.7	18.67	4.578	66.87	65.99	0.878	80.7	81.2	26.127	0	0	
"2014-10-10	07:00:00"	4.69	266.9	24.1	6.368	2.76	279.4	28.08	4.578	65.34	63.96	1.377	82.9	83.6	26.137	0	0	
"2014-10-10	08:00:00"	6.272	310.7	22.95	11.14	2.776	319	23.04	8.16	62.05	59.04	3.009	87.2	88.7	26.149	1.3771	0	
"2014-10-10	09:00:00"	9.92	0.093	11.95	15.31	6.993	0.449	14.82	12.33	60.94	60.42	0.524	86.7	88.2	26.168	76.817	0	
"2014-10-10	10:00:00"	13.15	11.39	10.1	17.7	10.03	11.01	16.16	14.72	62.25	62.99	-0.742	80.9	79.38	26.181	272.3	0	
"2014-10-10	11:00:00"	12.89	11.19	11.16	18.3	9.88	10.4	17.07	15.91	65.39	66.89	-1.498	71.71	68.51	26.192	473.09	0	
"2014-10-10	12:00:00"	12.24	14.14	13.52	17.7	9.56	14.63	19.05	15.31	68.5	70.35	-1.844	65.22	61.63	26.2	632.89	0	
"2014-10-10	13:00:00"	11.53	16.7	15.76	17.1	9.06	17.83	21.16	15.31	71.18	73.28	-2.1	59.51	55.76	26.2	741.61	0	
"2014-10-10	14:00:00"	9.66	22.46	15.72	23.66	7.846	24.25	21.55	14.12	73.31	75.29	-1.976	54.99	51.54	26.197	775.84	0	
"2014-10-10	15:00:00"	10.41	14.12	17.14	17.1	8.36	13.97	22.87	15.31	74.49	76.54	-2.047	52.01	48.58	26.187	722.17	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-10	16:00:00"	13.7	28.03	16.05	22.47	10.66	29.82	20.52	18.89	73.93	75.37	-1.435	54.12	51.11	26.19	452.89	0	
"2014-10-10	17:00:00"	17.12	32.22	11.4	25.45	13.39	35.1	15.7	21.28	72.18	73.66	-1.479	57.19	53.83	26.198	495.16	0	
"2014-10-10	18:00:00"	19.02	35.4	9.49	26.65	14.88	38.33	12.84	23.07	69.22	70.27	-1.051	59.59	56.65	26.204	332.47	0	
"2014-10-10	19:00:00"	19.04	31.75	8.45	27.24	14.75	35.08	12.32	23.66	66.54	66.97	-0.43	61.69	59.67	26.219	138.58	0	
"2014-10-10	20:00:00"	18.14	31.78	7.643	26.65	14.05	34.97	11.74	22.47	63.08	63.07	0.012	65.75	64.52	26.242	7.8125	0	
"2014-10-10	21:00:00"	16.61	31.15	7.362	22.47	12.81	34.58	11.64	20.09	60.49	60.41	0.078	69.16	68.2	26.265	0	0	
"2014-10-10	22:00:00"	17.78	30.25	7.739	26.05	13.79	33.69	11.8	20.68	58.07	58.01	0.058	71.29	70.37	26.287	0	0	
"2014-10-10	23:00:00"	15.51	29.88	7.635	23.66	11.82	32.87	12.18	20.09	56.1	56.05	0.055	72.84	72.02	26.316	0	0	
"2014-10-11	00:00:00"	13.79	30.55	7.534	21.28	10.66	33.1	11.67	18.3	54.2	54.18	0.017	73.29	72.44	26.328	0	0	
"2014-10-11	01:00:00"	10.7	22.15	7.555	17.1	8.16	24.2	14.09	14.12	53.5	53.68	-0.175	73.57	72.49	26.34	0	0	
"2014-10-11	02:00:00"	12.11	17.45	9.28	18.3	9.25	18.11	16.14	14.72	53.14	53.25	-0.116	72.18	71.1	26.341	0	0	
"2014-10-11	03:00:00"	11.25	14.26	10.36	20.68	8.45	13.75	16.62	15.91	51.6	51.7	-0.101	72.14	71.18	26.345	0	0	
"2014-10-11	04:00:00"	12.84	8.66	10.22	18.89	9.71	7.183	15.18	16.51	50.67	50.84	-0.168	72.46	71.37	26.352	0	0	
"2014-10-11	05:00:00"	11.14	14.73	10.57	18.89	8.41	14.42	16.15	15.31	49.42	49.71	-0.288	73.05	71.69	26.352	0	0	
"2014-10-11	06:00:00"	11.3	16.88	11.96	17.1	8.51	17.15	17.39	14.72	49.28	49.58	-0.3	73.76	72.37	26.353	0	0	
"2014-10-11	07:00:00"	9.88	27.45	8.17	15.91	7.72	30.84	13.12	12.93	49.54	49.87	-0.333	73.88	72.44	26.366	0	0	
"2014-10-11	08:00:00"	9.77	17.22	11.54	17.1	7.394	18.08	16.68	16.51	49.85	50.12	-0.272	73.76	72.5	26.369	0.44669	0	
"2014-10-11	09:00:00"	9.49	20.69	10.82	14.12	7.309	21.78	16.17	11.74	49.86	50.22	-0.363	73.6	72.18	26.386	20.113	0	
"2014-10-11	10:00:00"	10.61	10.35	15.68	16.51	8.19	9.81	21.05	14.12	50.26	50.83	-0.571	72.93	71.22	26.402	84.904	0	
"2014-10-11	11:00:00"	10.11	19.35	14.18	15.31	7.839	20.76	20.12	14.12	51.55	52.82	-1.267	70.25	67.36	26.408	256.24	0	
"2014-10-11	12:00:00"	9.95	10.94	17.53	17.7	7.842	10.97	21.7	15.91	53.96	55.88	-1.925	65.91	61.97	26.404	481.25	0	
"2014-10-11	13:00:00"	7.534	19.52	25.47	14.72	6.157	22.32	30.84	11.74	55.67	57.5	-1.827	63.22	59.6	26.393	579.24	0	
"2014-10-11	14:00:00"	6.322	19.69	39.41	15.31	5.295	23.93	48.69	12.33	57.96	59.81	-1.848	58.7	55.07	26.368	774.62	0	
"2014-10-11	15:00:00"	5.645	13.71	50.02	11.74	4.606	14.25	56.71	11.14	60.61	62.51	-1.892	54	50.48	26.337	754.89	0	
"2014-10-11	16:00:00"	4.453	47.13	73.54	9.95	3.686	64.3	74.88	8.16	62.76	64.03	-1.266	50.32	47.45	26.31	655.63	0	
"2014-10-11	17:00:00"	4.328	96.3	66.43	11.14	3.746	96	67.47	9.95	64.1	65.16	-1.066	48.33	45.71	26.289	515.99	0	
"2014-10-11	18:00:00"	4.171	141	68.42	12.93	3.554	139.4	69.46	12.33	65.18	65.87	-0.685	46.83	44.63	26.273	354.24	0	
"2014-10-11	19:00:00"	4.819	143.9	32.54	8.16	3.928	140.7	35.51	7.561	65.5	65.84	-0.338	46.72	44.91	26.264	146.11	0	
"2014-10-11	20:00:00"	5.448	146.7	13.69	9.35	3.925	141.8	17.44	8.75	63.41	62.92	0.49	51.37	51.24	26.261	7.691	0	
"2014-10-11	21:00:00"	6.521	127.8	7.182	8.75	3.253	118.1	14.85	5.175	60.21	58.5	1.713	56.13	59.17	26.266	0	0	
"2014-10-11	22:00:00"	6.817	123.4	5.599	8.75	3.524	119.8	11.59	5.175	57.51	56.12	1.393	60.43	62.93	26.271	0	0	
"2014-10-11	23:00:00"	7.387	136.4	9.78	10.54	4.499	134.2	11.63	8.16	56.51	55.57	0.94	62.08	63.34	26.272	0	0	
"2014-10-12	00:00:00"	7.498	147.7	8.37	11.14	5.471	147.1	8.72	8.75	55.39	55.16	0.222	65.14	64.63	26.266	0	0	
"2014-10-12	01:00:00"	8.96	151.8	9.5	13.52	6.829	151.2	9.75	11.14	54.46	54.28	0.184	67.28	66.72	26.248	0	0	
"2014-10-12	02:00:00"	9.3	160.1	11.12	13.52	7.147	159.4	12.63	11.74	53.15	53.02	0.13	69.58	68.93	26.228	0	0	
"2014-10-12	03:00:00"	8.32	177.8	10.74	12.33	6.046	181.5	14.45	10.54	51.67	51.41	0.263	72.3	72.02	26.21	0	0	
"2014-10-12	04:00:00"	5.806	208.5	13.6	9.35	4.411	211.5	15.34	7.561	51	50.77	0.234	73.5	73.12	26.197	0	0	
"2014-10-12	05:00:00"	6.765	212.6	12.86	9.95	5.359	211.1	15.69	8.75	50.92	50.71	0.205	73.56	73.13	26.178	0	0	
"2014-10-12	06:00:00"	6.975	213.1	12.34	10.54	5.281	216	15.8	8.16	50.54	50.33	0.209	74.24	73.82	26.16	0	0	
"2014-10-12	07:00:00"	6.406	215.8	12.93	9.95	4.856	215.1	15.25	8.16	50.73	50.47	0.261	73.62	73.32	26.145	0	0	
"2014-10-12	08:00:00"	6.786	233.1	12.71	11.14	5.131	241.1	15.51	8.75	50.26	50.04	0.227	74.54	74.23	26.138	1.1979	0	
"2014-10-12	09:00:00"	7.215	220.5	16.59	12.33	5.651	225.3	18.56	10.54	50.7	50.78	-0.079	74.99	74.1	26.135	89.521	0	
"2014-10-12	10:00:00"	8.3	211.8	12.75	12.93	6.782	215.6	15.98	11.74	54.98	55.49	-0.517	72.41	70.64	26.134	285.35	0	
"2014-10-12	11:00:00"	9.02	221.6	15.58	16.51	7.296	225	19.13	13.52	60.8	61.6	-0.804	61.7	59.53	26.136	479.81	0	
"2014-10-12	12:00:00"	11.34	227.2	16.12	18.3	9.18	231.3	19.2	15.91	68.21	69.03	-0.818	49.21	46.93	26.112	643.81	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-12	13:00:00"	13.41	210.2	17.48	21.87	10.62	212.9	21.1	17.7	74.04	75.19	-1.143	40.64	38.33	26.078	749.5	0	
"2014-10-12	14:00:00"	17.12	234.2	18.25	29.63	13.52	238.2	21.86	26.05	78.67	79.64	-0.971	32.6	30.68	26.037	784.09	0	
"2014-10-12	15:00:00"	22.27	251.2	13.44	34.4	17.01	256.9	17.22	30.22	80.9	81.8	-0.942	26.33	24.5	25.981	717.51	0	
"2014-10-12	16:00:00"	23.94	247.8	12.46	41.56	18.62	253.9	15.55	33.21	81.8	82.5	-0.732	24.06	22.25	25.936	626.5	0	
"2014-10-12	17:00:00"	24.96	246.7	13.08	40.36	19.04	252.9	16.17	32.01	81.9	82.5	-0.623	24.44	22.66	25.917	519.55	0	
"2014-10-12	18:00:00"	23.15	248.4	12.46	38.57	17.95	254	15.65	35	81.6	81.8	-0.245	25.78	24.17	25.904	320.13	0	
"2014-10-12	19:00:00"	21.37	247.9	10.05	36.19	16.43	251.7	13.14	28.43	80.9	80.8	0.172	24.89	23.46	25.901	136.81	0	
"2014-10-12	20:00:00"	14.97	240.5	13.38	24.86	11.31	245.2	15.67	21.87	78.16	77.7	0.468	26.69	25.44	25.906	6.3828	0	
"2014-10-12	21:00:00"	9.12	227.9	12.59	14.72	7.261	226.8	15.27	14.12	73.89	73.42	0.466	30.71	29.59	25.918	0	0	
"2014-10-12	22:00:00"	13.76	257.4	28.56	36.19	9.89	261.4	30.09	26.65	73.89	73.34	0.549	29.08	28.04	25.944	0	0	
"2014-10-12	23:00:00"	19.65	341.9	16.23	36.19	14.37	342.8	17.94	27.84	70.39	69.87	0.521	35.08	34.18	25.983	0	0	
"2014-10-13	00:00:00"	14.56	12.52	15.5	35	10.59	12.88	20.73	26.65	58.38	57.91	0.473	69.9	71.87	26.032	0.05952	0.02	
"2014-10-13	01:00:00"	12.85	357.3	13.35	20.68	9.12	354.1	13.91	17.1	56.96	56.05	0.917	75.7	79.66	26.041	0	0	
"2014-10-13	02:00:00"	20.78	358.3	14.25	34.4	15.34	355.7	16.58	28.43	56	55.44	0.559	71.61	73.41	26.086	0	0	
"2014-10-13	03:00:00"	20.74	358.2	14.59	35	15.65	355.8	15.71	29.63	52.42	51.92	0.496	67.55	68.66	26.13	0	0	
"2014-10-13	04:00:00"	23.55	354	14.77	42.75	17.67	353	15.96	33.21	51.17	50.7	0.464	65.49	66.25	26.148	0	0	
"2014-10-13	05:00:00"	20.56	352.1	12.7	30.82	15.49	350.9	14.24	27.84	51.33	50.82	0.51	63.93	64.59	26.17	0	0	
"2014-10-13	06:00:00"	14.17	334.8	10.15	22.47	10.1	336	12.18	16.51	50.12	49.43	0.686	66.22	67.38	26.197	0	0	
"2014-10-13	07:00:00"	11.67	319.4	7.24	18.89	7.471	323.3	9.76	13.52	47.69	46.92	0.772	71.75	73.36	26.231	0	0	
"2014-10-13	08:00:00"	14.23	340.9	7.758	21.87	10.31	340.4	10.54	18.89	49.36	48.58	0.773	64.55	65.97	26.269	1.0672	0	
"2014-10-13	09:00:00"	13.06	336.6	18.77	21.28	9.26	337	18.47	17.1	49.96	49.65	0.306	61.93	62.45	26.292	93.268	0	
"2014-10-13	10:00:00"	16.73	335	23.24	36.19	12.07	335.8	22.56	26.65	52.29	52.86	-0.569	55.11	54.08	26.323	292.01	0	
"2014-10-13	11:00:00"	25.13	2.406	13.59	37.38	19.07	359.5	18.38	32.01	55.99	56.87	-0.875	41.26	39.81	26.337	486.64	0	
"2014-10-13	12:00:00"	25.53	5.216	14.19	36.78	19.47	3.039	17.34	32.01	59.03	60.28	-1.251	34.02	32.51	26.346	647.04	0	
"2014-10-13	13:00:00"	23.82	359.1	14.62	35	18.19	356.4	17.25	29.03	61.23	62.79	-1.564	31.28	29.61	26.35	753.9	0	
"2014-10-13	14:00:00"	22.49	3.616	13.72	33.8	17.21	1.412	18.71	28.43	63.06	64.83	-1.766	28.11	26.46	26.337	799.13	0	
"2014-10-13	15:00:00"	21.28	1.337	14.6	32.01	16.29	359.1	19.26	25.45	64.38	66.19	-1.806	25.94	24.34	26.31	759.76	0	
"2014-10-13	16:00:00"	20.02	355.9	15.75	32.01	15.19	354.2	17.48	27.24	65.81	67.47	-1.658	23.87	22.4	26.294	682.78	0	
"2014-10-13	17:00:00"	16.78	357	16.77	28.43	12.82	355.5	17.66	23.66	66.22	67.63	-1.411	23.51	22.15	26.294	533.77	0	
"2014-10-13	18:00:00"	15.22	2.076	14.89	26.65	11.58	0.361	17.51	22.47	66.49	67.28	-0.796	23.72	22.59	26.295	349.52	0	
"2014-10-13	19:00:00"	11.79	10.56	12.73	18.3	8.89	9.57	16.95	15.31	65.84	65.65	0.187	24.89	24.31	26.299	150.43	0	
"2014-10-13	20:00:00"	6.986	20.58	9.13	9.95	4.06	13.23	13	6.964	63	58.6	4.401	27.71	33.87	26.312	7.7376	0	
"2014-10-13	21:00:00"	5.708	32.87	20.09	6.964	3.139	34.35	24.96	4.578	61.19	53.46	7.728	28.56	41.38	26.33	0	0	
"2014-10-13	22:00:00"	6.721	78.91	11.64	7.561	3.576	63.99	10.47	5.175	59.64	54.85	4.795	30.52	37.23	26.348	0	0	
"2014-10-13	23:00:00"	7.886	77.61	6.503	9.95	4.145	63.43	7.336	5.771	57.34	51.99	5.347	33.81	41.97	26.36	0	0	
"2014-10-14	00:00:00"	8.12	79.31	7.416	9.95	3.976	68.52	7.737	5.771	55.67	50.7	4.965	36.42	44.47	26.374	0	0	
"2014-10-14	01:00:00"	7.472	78.11	3.591	9.35	3.954	62.47	7.31	5.771	55.36	50.32	5.039	36.89	45.23	26.378	0	0	
"2014-10-14	02:00:00"	5.483	60.52	6.158	6.964	3.291	33.24	12.37	4.578	54.36	48.32	6.041	38.51	48.96	26.38	0	0	
"2014-10-14	03:00:00"	4.254	26.33	30.7	5.771	3.579	351	25.09	4.578	52.95	44.69	8.27	40.51	56.32	26.383	0	0	
"2014-10-14	04:00:00"	5.546	0.916	13.47	6.964	4.01	354.3	11.36	5.175	53.17	41.55	11.62	40.01	64.51	26.385	0	0	
"2014-10-14	05:00:00"	5.974	327.6	19.72	8.16	3.254	328	18.13	4.578	52.35	41.26	11.08	40.92	65.1	26.379	0	0	
"2014-10-14	06:00:00"	4.734	3.401	14.16	6.964	4.261	4.155	6.586	5.175	53.2	40.38	12.82	38.88	66.13	26.382	0	0	
"2014-10-14	07:00:00"	2.592	356.7	15.79	3.982	3.669	0.996	10.46	4.578	52.48	40.55	11.93	39.4	64.68	26.398	0	0	
"2014-10-14	08:00:00"	1.571	15.82	93.1	2.789	3.307	358.9	15.23	4.578	52.23	42.41	9.82	39.53	59.2	26.411	1.0672	0	
"2014-10-14	09:00:00"	3.664	272.3	18.72	5.771	2.122	302.4	12.66	3.386	50.33	46.58	3.741	43.82	53.48	26.428	91.729	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-10-14	10:00:00"	3.798	222.6	23.07	7.561	3.105	229.2	30.86	6.368	53.85	54.07	-0.224	41.96	42.3	26.444	290.69	0
"2014-10-14	11:00:00"	5.592	199.7	20.2	9.35	4.687	203.1	23.46	8.16	58.42	59.21	-0.79	35.32	34.19	26.452	484.97	0
"2014-10-14	12:00:00"	7.551	184.5	17.99	13.52	6.137	184.9	22.37	12.33	62.21	63.43	-1.227	28.65	27.3	26.453	646.08	0
"2014-10-14	13:00:00"	8.93	195.2	24.73	16.51	7.349	196.5	28.68	15.31	64.41	65.84	-1.432	26.71	25.09	26.441	755.28	0
"2014-10-14	14:00:00"	8.44	202.5	21.51	15.91	6.839	204.2	25.26	13.52	66.19	67.75	-1.565	26	24.35	26.417	800.19	0
"2014-10-14	15:00:00"	8.97	207.4	24.37	17.1	7.367	211.3	29.56	15.91	67.85	69.38	-1.522	24.95	23.24	26.382	760.35	0
"2014-10-14	16:00:00"	9.5	205.4	23.39	18.89	7.653	208.6	27.54	15.91	69.18	70.65	-1.469	23.59	21.91	26.355	684.46	0
"2014-10-14	17:00:00"	8.02	213.6	25.44	14.12	6.462	216	30.18	12.93	70.13	71.29	-1.168	22.44	20.92	26.34	537.65	0
"2014-10-14	18:00:00"	6.796	215.4	26.9	16.51	5.496	216.5	30.39	13.52	70.95	71.58	-0.636	22.09	20.78	26.334	349.38	0
"2014-10-14	19:00:00"	6.526	194.5	19.73	10.54	5.162	193.9	22.64	8.75	70.75	70.69	0.062	23.47	22.4	26.332	145.19	0
"2014-10-14	20:00:00"	4.927	174.2	7.911	8.75	3.345	181.1	11.02	5.771	67.5	66.38	1.121	27.94	28.14	26.331	6.8118	0
"2014-10-14	21:00:00"	4.948	167.9	9.93	8.75	2.785	163.5	21	5.771	64.88	63.11	1.769	28.43	29.48	26.336	0	0
"2014-10-14	22:00:00"	4.844	171.5	8.3	7.561	3.017	171.9	10.69	5.771	64.03	62.38	1.656	28.1	28.96	26.345	0	0
"2014-10-14	23:00:00"	5.786	158.7	9.39	8.16	3.195	158.5	18.37	5.771	62.37	60.1	2.267	29.33	31.1	26.352	0	0
"2014-10-15	00:00:00"	6.009	152.8	10.16	8.75	2.723	130.4	21.98	4.578	61.88	57.44	4.433	29.51	34.41	26.352	0	0
"2014-10-15	01:00:00"	3.922	170.3	8.38	6.964	1.83	172.6	11.81	5.175	60.82	58.58	2.235	30.31	32.17	26.349	0	0
"2014-10-15	02:00:00"	3.012	177.6	9.58	3.982	1.056	105.4	76.35	2.193	59.6	56.19	3.414	31.05	33.91	26.344	0	0
"2014-10-15	03:00:00"	3.533	178.1	13.43	5.771	1.37	143.3	48.57	3.386	58.75	55.77	2.98	31.56	34.15	26.347	0	0
"2014-10-15	04:00:00"	4.914	182.5	8.37	6.964	2.281	181	12.46	3.982	57.94	55.59	2.344	32.78	35.78	26.342	0	0
"2014-10-15	05:00:00"	4.494	210.9	13.38	7.561	2.791	212.2	17.51	5.175	56.94	55.73	1.212	33.83	34.21	26.331	0	0
"2014-10-15	06:00:00"	4.644	202.4	14.16	6.964	2.797	206	15.76	5.175	56.24	54.99	1.249	34.82	35.33	26.327	0	0
"2014-10-15	07:00:00"	4.701	231.7	14.26	6.368	3.025	245.9	21.81	5.175	55.28	53.56	1.727	36.36	37.65	26.338	0	0
"2014-10-15	08:00:00"	3.962	244.6	7.138	5.175	2.497	296.5	10.33	3.982	54.61	49.04	5.571	37.81	47.52	26.346	0.97396	0
"2014-10-15	09:00:00"	3.946	288.8	13.25	5.175	2.973	321.9	6.041	4.578	54.51	50.15	4.359	38.27	49.25	26.353	90.143	0
"2014-10-15	10:00:00"	3.285	225.6	69.92	7.561	2.789	231.3	75.05	6.368	57.4	57.77	-0.364	40.68	40.11	26.361	290.74	0
"2014-10-15	11:00:00"	4.121	176.8	14.79	6.368	3.466	176.4	18.2	5.771	63.33	63.9	-0.569	34.48	33.47	26.364	486.36	0
"2014-10-15	12:00:00"	6.842	188.6	15.89	12.33	5.598	190.5	20.18	9.95	69.32	70.39	-1.069	28.11	26.88	26.361	648.38	0
"2014-10-15	13:00:00"	7.66	207.7	21.04	12.33	6.377	209.9	25.05	11.14	72.94	74.01	-1.066	23.54	22.13	26.348	758.24	0
"2014-10-15	14:00:00"	7.753	206.3	21.68	14.72	6.434	208.2	24.25	11.74	75.08	76.35	-1.267	20.85	19.43	26.327	802.63	0
"2014-10-15	15:00:00"	8.5	194.4	17.86	14.72	6.923	197	23.95	12.93	76.44	77.82	-1.378	19.91	18.39	26.297	760.45	0
"2014-10-15	16:00:00"	9.16	202.6	25.54	18.3	7.419	203.7	28.45	15.91	77.49	78.75	-1.259	19.35	17.81	26.27	684.32	0
"2014-10-15	17:00:00"	9.26	191.7	16.5	15.31	7.373	193.1	19.95	13.52	78.34	79.47	-1.126	18.83	17.32	26.253	536.3	0
"2014-10-15	18:00:00"	9.41	197	15.08	14.12	7.412	197.8	17.45	11.74	78.25	78.82	-0.567	18.96	17.54	26.242	347.36	0
"2014-10-15	19:00:00"	8.67	185.1	8.41	12.93	6.542	187.8	12.56	10.54	77.07	76.82	0.25	20.83	19.78	26.24	143.61	0
"2014-10-15	20:00:00"	7.132	175.5	6.888	9.95	4.961	176.8	10.18	8.75	73.13	71.89	1.235	23.66	23.42	26.243	6.2265	0
"2014-10-15	21:00:00"	6.719	173.5	8.86	10.54	4.371	179.5	13.54	7.561	70.4	68.74	1.661	23.98	24.27	26.247	0	0
"2014-10-15	22:00:00"	7.953	165.8	10.64	12.33	5.484	163.1	12.4	8.75	68.7	67.08	1.617	24.43	24.56	26.252	0	0
"2014-10-15	23:00:00"	9.75	159.5	8.03	14.72	6.964	154.6	8.58	9.95	66.21	64.82	1.387	27.39	27.39	26.25	0	0
"2014-10-16	00:00:00"	6.657	169.1	10.31	14.72	4.248	168.3	12.19	11.14	64.2	62.62	1.578	29.01	29.48	26.245	0	0
"2014-10-16	01:00:00"	5.663	187.3	9.21	9.35	3.364	192	14.18	6.964	62.54	60.78	1.763	30.83	31.88	26.236	0	0
"2014-10-16	02:00:00"	6.659	195.3	7.831	9.35	4.308	198.4	10.93	7.561	60.14	58.79	1.351	33.44	33.86	26.225	0	0
"2014-10-16	03:00:00"	6.667	205.2	10.1	9.35	4.518	206.4	11.19	6.964	59.4	58.48	0.927	36.02	35.58	26.218	0	0
"2014-10-16	04:00:00"	6.651	199.4	8.14	8.75	4.308	201.9	8.88	6.368	57.94	56.68	1.256	39.39	39.67	26.206	0	0
"2014-10-16	05:00:00"	6.12	211.9	11.28	9.35	4.249	212.9	13.98	6.964	56.59	55.74	0.852	42.04	41.78	26.192	0	0
"2014-10-16	06:00:00"	6.388	215	11.64	9.35	4.708	219.8	12.83	7.561	56.49	55.79	0.698	42.3	41.83	26.185	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-10-16	07:00:00"	6.809	217.7	11.86	10.54	5.084	221.7	12.5	8.16	55.3	54.65	0.656	44.91	44.48	26.188	0	0
"2014-10-16	08:00:00"	6.813	244.8	13.2	9.95	4.506	251.8	16	8.75	53.66	52.57	1.093	48.02	48.68	26.195	0.88687	0
"2014-10-16	09:00:00"	7.04	252.3	8.45	9.35	4.754	258.5	11.89	7.561	53.37	52.84	0.527	49.52	49.68	26.2	89.823	0
"2014-10-16	10:00:00"	6.549	250.8	12.94	9.35	5.208	255.9	15.71	8.16	57.31	57.78	-0.472	44.46	43.05	26.211	290.97	0
"2014-10-16	11:00:00"	6.062	245.7	12.35	9.35	5.152	247.8	14.63	8.16	65.15	65.79	-0.638	35.81	34.5	26.212	487.24	0
"2014-10-16	12:00:00"	6.688	249.8	12.82	11.14	5.56	254	16.78	11.14	71.51	72.54	-1.035	32.56	31.11	26.212	648.48	0
"2014-10-16	13:00:00"	10.67	277	20.12	17.7	7.462	280.9	22.68	14.72	79.86	81.2	-1.327	23.33	22.03	26.208	761.91	0
"2014-10-16	14:00:00"	11.25	296.2	14.31	16.51	7.303	300.3	16.93	14.12	83	84.6	-1.644	19.66	18.42	26.193	798.21	0
"2014-10-16	15:00:00"	10.72	301.3	17.66	18.3	7.072	304.5	19.25	14.12	85.5	87.1	-1.536	17.39	16.19	26.17	753.71	0
"2014-10-16	16:00:00"	8.81	310.1	29.11	17.1	6.19	313.1	29.06	14.12	86.5	87.9	-1.437	16.94	15.79	26.148	678.34	0
"2014-10-16	17:00:00"	7.34	303.3	26.72	13.52	4.97	304.8	28.57	11.14	86.9	88	-1.096	16.27	15.25	26.139	529.31	0
"2014-10-16	18:00:00"	8.14	292.9	18.43	13.52	5.455	297.6	19.48	11.74	86.8	87.3	-0.495	14.77	14.15	26.134	343.11	0
"2014-10-16	19:00:00"	5.915	282.5	13.06	9.95	3.277	292.6	13.16	6.964	85.7	84.4	1.341	15.93	17.04	26.132	139.54	0
"2014-10-16	20:00:00"	3.18	222	20.92	4.578	1.681	208.3	27.65	2.789	83.1	80.8	2.239	18.29	19	26.142	5.1765	0
"2014-10-16	21:00:00"	4.535	216	7.692	5.771	2.448	197.6	9.36	3.386	80.3	76.75	3.511	20.25	22.72	26.155	0	0
"2014-10-16	22:00:00"	4.586	226	12.19	6.368	2.742	222.5	16.24	4.578	75.11	73.12	1.992	25.41	25.85	26.157	0	0
"2014-10-16	23:00:00"	4.975	275.2	22.36	6.964	3.551	313.3	35.54	5.771	74.74	66.69	8.05	24.31	33.02	26.159	0	0
"2014-10-17	00:00:00"	7.046	296.2	6.631	8.16	3.139	320	12.18	4.578	75.43	63.1	12.33	22.05	35.74	26.161	0	0
"2014-10-17	01:00:00"	7.248	295.7	3.593	8.75	3.12	315.5	4.597	5.175	71.74	61.04	10.7	26.78	39.36	26.159	0	0
"2014-10-17	02:00:00"	8.45	315.2	28.23	15.31	3.76	328	29.24	11.74	67.99	59.28	8.7	30.5	42.51	26.155	0	0
"2014-10-17	03:00:00"	3.873	163.6	30.79	11.14	2.243	120	45.7	8.16	65.85	61.11	4.744	33.15	39.11	26.163	0	0
"2014-10-17	04:00:00"	3.016	138.4	61.57	6.368	2.881	64.69	52.87	4.578	65.05	56.87	8.17	33.32	46.16	26.15	0	0
"2014-10-17	05:00:00"	7.094	29.35	46.16	15.91	4.581	15.13	50.39	11.74	61.88	56.72	5.161	38.5	46.62	26.154	0	0
"2014-10-17	06:00:00"	10.01	15.63	4.776	12.33	6.022	15.83	10.7	8.75	55.94	53.68	2.259	48.02	51.98	26.158	0	0
"2014-10-17	07:00:00"	9.62	24.52	7.064	12.93	6.439	28.81	11.06	11.14	54.15	53.01	1.142	51.57	52.84	26.171	0	0
"2014-10-17	08:00:00"	10.71	31.81	6.527	14.12	7.673	31.59	10.14	11.74	53.4	52.5	0.9	54.46	55.15	26.186	0.76364	0
"2014-10-17	09:00:00"	11.35	35.47	7.719	15.31	8.37	37.47	10.68	13.52	53.81	53.47	0.332	56.28	56.17	26.209	79.856	0
"2014-10-17	10:00:00"	13.14	56.59	9.18	17.7	10.19	59.53	12.12	15.91	60.63	61.02	-0.384	49.25	47.84	26.231	270.66	0
"2014-10-17	11:00:00"	12.56	68.92	8.84	18.3	9.66	72.62	11.87	14.72	65.68	66.6	-0.922	45.17	43	26.241	456.59	0
"2014-10-17	12:00:00"	10.38	71.91	9.79	14.72	8.2	75.59	12.7	12.93	70.06	71.36	-1.303	40.4	38.18	26.241	613.72	0
"2014-10-17	13:00:00"	8.05	78.69	15.9	12.33	6.503	83	18.2	11.14	74.34	75.81	-1.469	36.81	34.66	26.238	713.88	0
"2014-10-17	14:00:00"	6.02	90	25.82	11.14	4.965	95.1	28.36	11.14	77.62	78.94	-1.319	34.45	32.35	26.221	753.74	0
"2014-10-17	15:00:00"	6.212	117	33.07	14.12	5.193	119.7	31.42	9.95	80.4	81.6	-1.24	31.89	29.83	26.197	715.68	0
"2014-10-17	16:00:00"	6.476	103	27.53	12.93	5.353	106.3	30.54	11.14	82	83.1	-1.089	30.34	28.32	26.178	640.19	0
"2014-10-17	17:00:00"	9.75	104	20.21	18.89	7.902	106.8	21.88	14.12	82.2	83.3	-1.152	31.03	28.97	26.171	491.26	0
"2014-10-17	18:00:00"	12.99	94.4	10.63	18.3	10.23	96.6	12.31	15.91	80.7	81.3	-0.641	33.11	31.32	26.172	309.01	0
"2014-10-17	19:00:00"	12.14	96.5	7.386	17.7	9.38	99.8	9.12	14.12	78.13	78.13	-0.007	36.07	34.72	26.186	114.45	0
"2014-10-17	20:00:00"	9.95	84.6	7.596	13.52	6.731	87.2	9.52	10.54	72.49	71.75	0.74	43.43	42.98	26.204	3.6651	0
"2014-10-17	21:00:00"	12.27	76.21	6.619	16.51	8.83	79.06	9.07	14.72	68.41	67.83	0.584	48.85	48.32	26.221	0	0
"2014-10-17	22:00:00"	13.92	75.06	7.092	19.49	10.25	77.81	9.13	15.91	66.37	65.92	0.445	50.43	49.67	26.237	0	0
"2014-10-17	23:00:00"	16.03	73.52	6.946	21.28	12.03	77.63	9.04	17.7	65.06	64.68	0.383	48.87	47.97	26.25	0	0
"2014-10-18	00:00:00"	15.99	74.77	7.084	23.66	12.05	78.04	9.35	18.89	63.32	62.98	0.339	48.63	47.63	26.256	0	0
"2014-10-18	01:00:00"	12.46	70.09	8.25	16.51	8.93	74	10.7	13.52	61.01	60.66	0.348	50.65	49.85	26.271	0	0
"2014-10-18	02:00:00"	10.93	56.06	8.92	15.91	7.971	59.66	11.18	13.52	58.4	58.13	0.269	53.9	53.14	26.271	0	0
"2014-10-18	03:00:00"	13.07	66.16	9.92	20.09	9.52	69.68	12.11	15.91	56.97	56.76	0.204	52.98	52.1	26.256	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-18	04:00:00"	14.23	42.08	8.26	19.49	10.67	45.21	10.46	16.51	55.77	55.47	0.3	52.21	51.43	26.265	0	0
"2014-10-18	05:00:00"	15.24	46.18	8.43	20.68	11.67	49.29	10.24	17.7	54.82	54.59	0.229	53.57	52.66	26.268	0	0
"2014-10-18	06:00:00"	14.59	53.52	8.38	21.28	11.05	56.84	10.63	18.3	54.82	54.67	0.151	55.75	54.73	26.276	0	0
"2014-10-18	07:00:00"	15.1	51.79	8.28	23.07	11.48	54.99	10.43	20.09	55.3	55.26	0.039	58.89	57.71	26.295	0	0
"2014-10-18	08:00:00"	15.05	39	8.94	20.09	11.71	41.87	11.12	17.7	55.23	55.13	0.105	60.41	59.39	26.324	0.36272	0
"2014-10-18	09:00:00"	15.78	33.22	9.49	20.68	12.16	36.47	12.99	19.49	55.13	55.21	-0.085	59.56	58.34	26.344	31.071	0
"2014-10-18	10:00:00"	15.27	42.96	8.2	21.87	11.79	46.55	10.26	17.7	53.94	53.63	0.311	65.64	67.34	26.366	29.151	0.01
"2014-10-18	11:00:00"	16.07	48.44	9.25	24.26	12.41	51.3	11.34	21.87	53.46	53.41	0.057	71.54	73.04	26.366	109.18	0.01
"2014-10-18	12:00:00"	18.53	73.83	8.24	27.84	14.09	77.31	10.31	22.47	56.26	56.73	-0.465	64.55	64.2	26.365	317.08	0
"2014-10-18	13:00:00"	17.37	78.86	9.34	26.05	13.28	81.5	11.07	20.09	60.13	60.82	-0.689	57.38	55.89	26.361	374.75	0
"2014-10-18	14:00:00"	14.87	83.9	10.92	23.66	11.68	86.1	12.56	18.89	63.38	64.65	-1.278	53.63	51.08	26.348	588.39	0
"2014-10-18	15:00:00"	12.9	89.5	11.56	18.3	10.29	92.9	13.81	17.1	65.4	66.5	-1.097	52.19	49.57	26.328	416.29	0
"2014-10-18	16:00:00"	11.7	86	12.37	18.3	9.31	88.5	14.58	15.31	66.34	67.22	-0.878	53.24	51.55	26.317	395.83	0
"2014-10-18	17:00:00"	11.83	79.68	14.02	18.3	9.35	82.4	15.15	17.1	68.11	69.18	-1.072	50.52	48.01	26.308	441.88	0
"2014-10-18	18:00:00"	13.44	78.11	12.56	20.68	10.33	81.4	13.55	16.51	68.49	69.08	-0.585	48.97	46.9	26.3	240.72	0
"2014-10-18	19:00:00"	12.48	64.41	10.15	18.3	9.35	68.82	12.32	15.31	66.32	66.36	-0.036	51.7	50.35	26.301	46.283	0
"2014-10-18	20:00:00"	10.25	64.53	8.24	15.91	7.419	69.74	10.9	13.52	63.69	63.54	0.154	55.45	54.47	26.31	1.5321	0
"2014-10-18	21:00:00"	9.92	61.45	7.3	14.12	7.156	65.73	10.09	11.74	61.85	61.57	0.273	58.92	58.32	26.326	0	0
"2014-10-18	22:00:00"	10.77	58.57	7.178	14.72	7.736	61.98	10.18	12.93	60.18	59.81	0.366	61.46	61.14	26.329	0	0
"2014-10-18	23:00:00"	10.86	53.95	6.85	14.72	8.1	56.84	8.93	12.93	58.48	58.18	0.297	64.67	64.16	26.33	0	0
"2014-10-19	00:00:00"	10.17	54.23	6.752	13.52	7.511	57.06	9.11	11.14	56.59	56.49	0.102	69.73	69.05	26.336	0	0
"2014-10-19	01:00:00"	9.81	52.37	7.816	13.52	7.385	54.56	9.88	11.14	56.21	56.1	0.111	69.7	69.09	26.334	0	0
"2014-10-19	02:00:00"	10.42	42.37	7.872	14.12	7.999	44.87	9.94	11.74	55.48	55.36	0.115	70.91	70.31	26.324	0	0
"2014-10-19	03:00:00"	10.45	48.17	7.943	14.12	7.989	51.34	9.71	11.74	55.15	54.97	0.175	70.74	70.2	26.32	0	0
"2014-10-19	04:00:00"	8.85	46.16	8.19	12.33	6.727	47.78	9.64	10.54	54.32	54.04	0.281	71.96	71.71	26.314	0	0
"2014-10-19	05:00:00"	8.25	51.79	8.15	12.33	6.044	53.99	9.49	9.95	53.3	52.96	0.341	73.8	73.76	26.302	0	0
"2014-10-19	06:00:00"	7.804	50.18	7.627	10.54	5.696	51.49	9.63	8.75	53.38	52.92	0.468	73.47	73.8	26.301	0	0
"2014-10-19	07:00:00"	8.06	53.52	6.368	11.14	5.831	56.04	8.39	8.75	52.7	52.26	0.443	74.96	75.28	26.306	0	0
"2014-10-19	08:00:00"	7.79	50.56	9.1	11.74	6.039	53.51	11.45	9.35	53.46	53.51	-0.058	74.78	74.08	26.316	0.7154	0
"2014-10-19	09:00:00"	7.097	46.8	10.61	9.95	5.554	50.04	12.67	8.75	54.07	54.21	-0.14	74.71	73.83	26.329	20.635	0
"2014-10-19	10:00:00"	6.98	67.98	9.97	9.95	5.493	71.23	12.53	8.75	55.83	56.18	-0.352	73.35	72.05	26.345	86.045	0
"2014-10-19	11:00:00"	8.38	99.6	19.14	14.72	6.82	101.3	20.8	11.74	59.58	60.21	-0.632	72.44	70.43	26.343	230.87	0
"2014-10-19	12:00:00"	11.61	145.4	24.15	18.89	8.99	146.7	24.17	15.91	64.34	65.13	-0.789	71.5	69.13	26.328	319.65	0
"2014-10-19	13:00:00"	13.85	168	13.06	21.28	10.9	167.9	15.55	17.7	68.93	69.83	-0.893	66.95	64.35	26.312	404.29	0
"2014-10-19	14:00:00"	13.52	158.2	14.35	20.09	10.66	158	15.44	17.1	69.9	70.55	-0.656	66.06	64.03	26.292	269.46	0
"2014-10-19	15:00:00"	10.79	170.9	14.15	17.7	8.48	171.4	17.03	14.12	70.91	71.88	-0.965	62.9	60.48	26.264	406.39	0
"2014-10-19	16:00:00"	7.375	148.7	27.38	14.12	5.944	150.6	28.61	11.74	72.66	73.43	-0.764	58.23	55.97	26.242	363.63	0
"2014-10-19	17:00:00"	8.07	138	22.1	12.93	6.421	139.2	22.56	11.74	74.13	74.81	-0.688	52.57	50.49	26.226	302.72	0
"2014-10-19	18:00:00"	9.94	119.7	18.86	17.1	7.898	121.9	20.15	13.52	75.13	75.79	-0.669	49.27	47.12	26.218	302.57	0
"2014-10-19	19:00:00"	11.22	135.1	10.83	18.3	8.53	136.8	11.86	14.72	75	75.11	-0.114	48	46.53	26.218	115.93	0
"2014-10-19	20:00:00"	11.06	123.3	18.68	18.89	8.29	124.5	18.73	14.12	71.41	71.07	0.345	59.09	58.22	26.231	2.4309	0
"2014-10-19	21:00:00"	11.32	119.9	13.68	19.49	8.13	121.9	15.58	16.51	67.38	66.85	0.534	66.47	66.41	26.247	0	0
"2014-10-19	22:00:00"	9.54	137.4	10.27	18.89	6.789	137.1	12.17	14.12	65.56	65.02	0.545	70.79	70.68	26.257	0	0
"2014-10-19	23:00:00"	6.926	87	12.17	8.75	3.993	77.65	15.47	5.771	62.38	60.99	1.39	74.25	76.53	26.276	0	0
"2014-10-20	00:00:00"	7.78	130	13.85	11.74	5.157	130.2	17.67	8.75	61.81	61.13	0.681	74.19	74.78	26.279	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-20	01:00:00"	6.755	115.2	14.64	10.54	4.066	101.1	25.2	8.16	61.27	59.68	1.582	77.03	78.62	26.278	0
"2014-10-20	02:00:00"	6.599	119.6	8.9	8.75	3.26	107.5	18.9	4.578	60.15	57.67	2.474	79.39	82.2	26.274	0
"2014-10-20	03:00:00"	7.09	89.7	7.527	9.35	3.664	74.25	11.6	5.771	58.07	55.71	2.357	83.5	85.1	26.264	0
"2014-10-20	04:00:00"	6.322	101.8	5.292	7.561	3.5	78.75	7.62	5.175	57.58	55.44	2.134	84.9	86.7	26.269	0
"2014-10-20	05:00:00"	5.276	65.1	15.02	6.964	3.218	40.98	17.17	4.578	57.17	54.86	2.311	86.5	87.2	26.273	0
"2014-10-20	06:00:00"	5.675	63.18	7.967	7.561	3.511	48.01	15.93	5.175	56.81	54.63	2.175	87.7	88.3	26.273	0
"2014-10-20	07:00:00"	6.405	77.17	5.488	8.16	3.634	71.07	10.61	5.771	56.41	54.77	1.635	89	88.9	26.281	0.10595
"2014-10-20	08:00:00"	6.717	70.84	8.06	8.75	4.022	66.81	10.46	5.771	55.65	54.34	1.31	89.8	89.4	26.291	1.0821
"2014-10-20	09:00:00"	5.198	37.75	12.65	7.561	4.016	29.1	12.62	6.368	54.23	53.51	0.725	90.1	89.7	26.299	56.66
"2014-10-20	10:00:00"	5.863	61.39	14.99	11.74	4.738	63.22	16.91	9.95	57.92	58.54	-0.62	89.7	88.6	26.315	248.73
"2014-10-20	11:00:00"	8.84	108.5	16.37	14.12	7.015	110.5	18.58	11.74	63.03	63.87	-0.836	79.12	76.83	26.32	339.89
"2014-10-20	12:00:00"	9.3	122.3	16.24	14.72	7.546	124.9	18.04	15.31	65.63	66.98	-1.351	74.2	70.85	26.316	578.73
"2014-10-20	13:00:00"	9.34	109.6	16.3	14.12	7.61	113	19.3	11.74	68.12	69.44	-1.313	67.96	64.65	26.307	537.04
"2014-10-20	14:00:00"	10.64	128.2	15.25	15.91	8.51	131	17.28	14.12	69.76	71.13	-1.364	63.67	60.34	26.295	515.77
"2014-10-20	15:00:00"	12.45	117.3	15.06	21.28	9.92	120	17.7	18.3	71.81	73.35	-1.541	55.68	52.16	26.27	588.87
"2014-10-20	16:00:00"	12.37	112.2	12.33	18.89	9.81	115.3	14.85	16.51	72.46	73.39	-0.932	51.52	48.84	26.249	298.06
"2014-10-20	17:00:00"	13.38	113.7	14.16	20.68	10.22	116.5	15.95	17.1	72.08	72.55	-0.467	52.42	50.43	26.244	147.09
"2014-10-20	18:00:00"	13.61	130.5	8.65	19.49	10.18	132.9	10.21	16.51	71.68	71.82	-0.141	50	48.43	26.247	77.457
"2014-10-20	19:00:00"	12.07	141	7.279	20.09	9.33	141.9	8.7	15.91	70.66	70.59	0.069	48.33	46.95	26.246	26.472
"2014-10-20	20:00:00"	5.982	140.3	10.94	11.74	4.171	139.8	11.59	8.75	68.66	68.28	0.38	54.47	53.94	26.257	0.68814
"2014-10-20	21:00:00"	4.767	153	34.83	9.35	2.845	150.4	41.66	6.964	67.22	66.33	0.89	59.32	60.16	26.273	0
"2014-10-20	22:00:00"	2.049	211.5	30.22	4.578	1.717	190.3	52.87	3.386	65.97	64.97	1.003	66.05	66.26	26.282	0
"2014-10-20	23:00:00"	1.866	28.5	22.63	3.386	2.605	19.26	19.7	4.578	65.01	61.37	3.635	68.58	72.66	26.294	0
"2014-10-21	00:00:00"	3.112	36.78	21.58	4.578	2.841	25.9	17.48	4.578	64.45	60.8	3.648	70.22	75.29	26.299	0
"2014-10-21	01:00:00"	5.226	28.88	9.93	8.75	3.244	31.06	11.29	6.368	61.85	60.61	1.241	75.23	77.16	26.291	0
"2014-10-21	02:00:00"	6.699	63.36	8.63	8.16	3.905	60.26	9.67	5.771	60.34	58.49	1.85	71.94	75.77	26.287	0
"2014-10-21	03:00:00"	7.656	103.7	14.76	9.95	4.074	89.6	21.2	5.771	60.47	57.56	2.911	69.29	75.14	26.285	0
"2014-10-21	04:00:00"	7.207	131	9.18	9.95	4.461	129.1	11.43	6.964	60.06	59.27	0.794	70.68	71.84	26.284	0
"2014-10-21	05:00:00"	4.698	114.7	10.47	6.964	2.717	106.7	16.33	4.578	58.76	58.32	0.435	74.4	74.88	26.284	0
"2014-10-21	06:00:00"	4.407	90.5	11	7.561	2.727	79.88	16.25	5.175	58.31	58.08	0.235	76.29	76.48	26.288	0
"2014-10-21	07:00:00"	3.4	88.5	14.19	5.175	1.833	61.3	18.32	3.386	58.73	58.12	0.603	77.24	77.66	26.29	0
"2014-10-21	08:00:00"	6.713	95.1	8.25	8.16	3.645	84.8	12.7	5.175	59.05	57.48	1.578	78.02	79.83	26.292	0.36034
"2014-10-21	09:00:00"	7.311	124.3	9.81	11.74	4.757	124.9	11.86	9.35	59.38	58.92	0.462	80.3	80.5	26.299	34.662
"2014-10-21	10:00:00"	9.64	123	11.03	14.12	7.436	125.7	12.88	11.14	61.68	61.92	-0.245	78.73	77.65	26.317	128.69
"2014-10-21	11:00:00"	10.43	134.2	16.94	14.72	8.17	135.8	17.88	12.93	63.03	63.66	-0.636	75.72	73.72	26.322	196.16
"2014-10-21	12:00:00"	12.06	155.8	12.5	18.89	9.58	155.8	13.56	15.91	64.55	65.22	-0.666	74.52	72.39	26.317	221
"2014-10-21	13:00:00"	12.39	163	12.19	17.1	9.79	162.8	13.75	15.31	65.06	65.72	-0.66	73.61	71.49	26.313	205.94
"2014-10-21	14:00:00"	11.6	166.9	12.34	17.1	9.14	165.7	14.53	15.31	65.42	65.98	-0.56	72.31	70.48	26.297	143.53
"2014-10-21	15:00:00"	11.53	181.2	16.22	19.49	8.91	182.2	19.22	14.72	65.92	66.6	-0.671	71.61	70.05	26.272	273.15
"2014-10-21	16:00:00"	13.63	171.8	10.43	21.28	10.61	171.5	13.23	16.51	67.95	68.73	-0.783	62	59.69	26.252	254.31
"2014-10-21	17:00:00"	14.22	168.8	10.03	21.28	11.01	168.4	12.55	17.1	67.92	68.31	-0.392	58.84	57.02	26.249	119.77
"2014-10-21	18:00:00"	12.69	160.7	11.92	21.28	9.93	160.1	12.88	18.89	67.03	67.26	-0.223	58.87	57.31	26.249	71.256
"2014-10-21	19:00:00"	8.83	157.3	9.84	14.72	7.045	156.1	10.66	11.74	66.56	66.62	-0.068	64.64	63.35	26.249	29.035
"2014-10-21	20:00:00"	6.889	154.8	10.69	10.54	5.324	153.5	11.05	8.75	65.99	65.84	0.151	66.81	66.02	26.251	0.78571
"2014-10-21	21:00:00"	7.365	150.6	10.44	10.54	5.437	150.6	10.62	8.16	64.5	64.21	0.294	69.66	69.31	26.256	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-10-21	22:00:00"	6.936	163.1	11.27	11.74	5.366	162.9	12.92	9.95	63.97	63.83	0.147	71.11	70.48	26.266	0	0
"2014-10-21	23:00:00"	6.696	177.1	9.34	11.14	4.88	176.5	12.13	8.75	63.79	63.63	0.162	73.6	73.04	26.279	0	0
"2014-10-22	00:00:00"	7.673	174.8	7.42	11.74	5.701	174.4	10.23	9.95	63.78	63.67	0.107	74.83	74.22	26.277	0	0
"2014-10-22	01:00:00"	8.69	177.8	6.688	12.33	6.443	177.7	10.49	9.35	63.4	63.33	0.068	76.64	76.12	26.276	0	0
"2014-10-22	02:00:00"	7.382	180.2	8.48	11.14	5.564	180.8	12.29	9.95	62.66	62.53	0.134	79.55	79.41	26.274	0	0
"2014-10-22	03:00:00"	7.724	173	8.49	10.54	5.848	171.6	10.71	8.75	62	61.89	0.106	81	80.9	26.271	0	0
"2014-10-22	04:00:00"	8.46	177.2	6.969	12.93	6.223	177.5	10.48	9.95	62.02	61.92	0.104	81.7	81.5	26.272	0	0
"2014-10-22	05:00:00"	8.41	167.9	8.7	12.33	6.347	167.4	10.97	9.95	62.13	62.09	0.039	81.8	81.3	26.267	0	0
"2014-10-22	06:00:00"	9.94	160.9	10.46	16.51	7.806	160.4	11.78	14.72	62.22	62.2	0.025	82.1	81.6	26.27	0	0
"2014-10-22	07:00:00"	10.41	161.5	9.88	17.7	8.27	159.9	11.06	14.72	62.25	62.24	0.001	81.7	81	26.278	0	0
"2014-10-22	08:00:00"	8.31	162.2	10.34	12.33	6.408	161.6	11.97	9.95	61.61	61.66	-0.045	83.7	82.9	26.288	0.12777	0
"2014-10-22	09:00:00"	8.07	164.3	10.6	14.12	6.288	164.6	12.16	11.74	61.67	61.83	-0.156	84	83.2	26.297	60.07	0
"2014-10-22	10:00:00"	12.06	174.9	10.84	17.7	9.33	175.2	14.1	15.31	63.13	63.65	-0.523	80.1	78.49	26.315	170.87	0
"2014-10-22	11:00:00"	12.25	184.1	10.02	17.1	9.41	186	14.44	15.31	63.95	64.42	-0.468	78.43	76.75	26.327	108.02	0
"2014-10-22	12:00:00"	9.66	192.2	13.58	14.72	7.451	193.7	16.05	12.33	64.44	64.97	-0.536	77.95	76.2	26.33	139.86	0
"2014-10-22	13:00:00"	7.641	199.7	20.37	12.33	6.102	202.2	24.08	9.95	66.02	66.9	-0.889	73.67	71.47	26.324	376.65	0
"2014-10-22	14:00:00"	7.409	219	20.74	11.74	6.064	223	24.02	11.14	67.71	68.4	-0.69	68.09	66.02	26.308	249.89	0
"2014-10-22	15:00:00"	6.246	241.7	30.96	12.33	4.997	247.8	35.67	12.33	68.84	69.97	-1.134	65.4	62.87	26.284	528.61	0
"2014-10-22	16:00:00"	5.874	234	38.16	11.14	4.823	238.9	43.4	11.14	71.29	72.35	-1.056	57.44	54.99	26.262	491.91	0
"2014-10-22	17:00:00"	5.74	260.5	48.83	11.74	4.398	265.3	52.54	11.74	71.9	72.99	-1.097	56.14	53.53	26.255	446.46	0
"2014-10-22	18:00:00"	6.044	209.7	39.89	18.3	4.906	210.5	41.84	16.51	72.43	73.03	-0.604	55.41	53.38	26.255	239.9	0
"2014-10-22	19:00:00"	11.66	146.2	13.53	17.7	9.13	146.7	14.05	15.91	67.72	68.11	-0.393	73.88	71.96	26.272	45.235	0
"2014-10-22	20:00:00"	9.33	151.7	12.64	15.31	7.289	151.1	13.05	12.93	65.57	65.58	-0.018	75.75	74.69	26.281	4.7703	0
"2014-10-22	21:00:00"	6.748	125	10.32	10.54	4.306	119	16.86	8.16	62.79	62.14	0.647	80.6	80.3	26.294	0	0
"2014-10-22	22:00:00"	4.964	152.1	16.22	7.561	3.195	147.7	19.65	6.368	61.95	61.32	0.634	83.8	83.9	26.308	0	0
"2014-10-22	23:00:00"	6.668	158.9	12.08	10.54	4.975	155.3	16.78	8.75	60.53	60.1	0.43	81.4	81.5	26.316	0	0
"2014-10-23	00:00:00"	5.13	142.7	14.32	9.95	3.279	131.7	26.28	8.16	57.94	57.17	0.768	80.6	81.5	26.327	0	0
"2014-10-23	01:00:00"	6.059	164.3	11.46	9.95	4.481	164.3	12.78	7.561	56.22	55.97	0.252	80.5	80.4	26.323	0	0
"2014-10-23	02:00:00"	5.584	189	12.8	11.74	4.082	193.2	14.78	8.16	55.3	55.12	0.183	82.9	82.6	26.319	0	0
"2014-10-23	03:00:00"	8.39	198	9.86	12.93	6.478	200.7	11.59	11.74	56.57	56.7	-0.129	87.9	87.1	26.316	0	0
"2014-10-23	04:00:00"	6.771	212.7	15.36	11.14	5.45	213.1	16.28	8.75	57.05	57.14	-0.095	90.2	89.6	26.315	0.5654	0
"2014-10-23	05:00:00"	7.643	204.6	13.22	12.93	6.077	207.1	15.31	11.74	56.99	57.08	-0.092	90.8	90.2	26.303	1.318	0
"2014-10-23	06:00:00"	7.535	202.2	12.46	11.74	6.004	204.2	14.61	9.95	56.61	56.71	-0.105	91	90.6	26.302	1.1536	0
"2014-10-23	07:00:00"	4.825	210.8	16.21	8.16	3.865	213.2	19.84	6.964	56.35	56.45	-0.101	91	90.8	26.308	1.0855	0
"2014-10-23	08:00:00"	4.589	190.1	16.08	8.16	3.65	194.4	20.83	6.368	56.24	56.4	-0.157	91.3	90.9	26.32	1.2813	0
"2014-10-23	09:00:00"	5.727	183.4	13.25	9.95	4.507	188.2	16.98	8.16	56.49	56.7	-0.211	91.5	91.1	26.33	18.488	0
"2014-10-23	10:00:00"	4.978	183.2	14.67	8.16	4.052	187.9	17.96	6.964	56.51	56.87	-0.364	91.6	91.2	26.351	85.737	0
"2014-10-23	11:00:00"	2.422	193.9	54.99	5.771	2.308	194.1	61.92	5.175	56.93	57.27	-0.338	91.7	91.4	26.364	174.98	0
"2014-10-23	12:00:00"	4.012	226	33.34	7.561	3.45	233	39.57	6.964	58.11	58.6	-0.497	91.9	91.6	26.373	294.19	0
"2014-10-23	13:00:00"	4.856	249	26.08	8.16	4.023	254.7	29.95	7.561	60.36	61.65	-1.295	92.1	91	26.371	618.59	0
"2014-10-23	14:00:00"	4.573	244	25.05	8.75	3.838	246.6	31.19	8.16	65.63	70.21	-4.579	74.03	67.44	26.346	728.23	0
"2014-10-23	15:00:00"	5.863	231.7	26.25	12.93	4.967	236.5	30.18	9.95	73.81	75.14	-1.33	52.7	49.95	26.313	688.58	0
"2014-10-23	16:00:00"	5.947	214.9	35.2	11.14	4.979	216.1	41.41	9.95	75.64	76.78	-1.136	47.77	45.19	26.29	614.48	0
"2014-10-23	17:00:00"	6.455	216.1	26.16	13.52	5.359	217.8	31.41	11.14	77.06	77.92	-0.858	42.82	40.58	26.282	468.59	0
"2014-10-23	18:00:00"	7.775	192.9	15.8	12.33	6.147	193.6	18.45	9.95	76.93	77.45	-0.525	44.25	42.27	26.28	227.52	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-23	19:00:00"	7.628	186.5	9.31	12.93	5.776	189.3	13.13	10.54	75.41	75.22	0.198	45.5	44.44	26.287	84.624	0	
"2014-10-23	20:00:00"	6.747	182.3	7.708	10.54	4.863	181.1	10.22	7.561	72.39	71.45	0.941	49.36	49.58	26.303	1.9234	0	
"2014-10-23	21:00:00"	6.982	173.7	9.1	9.95	4.978	175.5	11.14	7.561	69.62	68.59	1.023	51.86	52.25	26.312	0	0	
"2014-10-23	22:00:00"	6.307	167.1	9.31	9.35	4.254	168	10.63	6.964	67.66	66.59	1.073	58.8	59.21	26.322	0	0	
"2014-10-23	23:00:00"	5.131	177.6	12.97	8.16	3.254	180.7	17.62	5.771	65.46	64.36	1.103	64.45	65.15	26.333	0	0	
"2014-10-24	00:00:00"	5.392	182.4	7.919	11.74	3.089	180.7	14.09	8.75	64.47	63.06	1.406	66.76	68.24	26.339	0	0	
"2014-10-24	01:00:00"	5.853	185	8.74	9.35	3.892	188.1	11.85	6.964	62.04	61.29	0.745	74.44	74.36	26.345	0	0	
"2014-10-24	02:00:00"	5.859	198.5	9.88	8.16	3.975	201.4	11.53	5.771	60.39	59.85	0.542	81.9	81.1	26.345	0	0	
"2014-10-24	03:00:00"	4.783	207	12.12	7.561	3.254	205.8	11.96	5.771	59.18	58.71	0.472	87.4	86.7	26.343	0.07611	0	
"2014-10-24	04:00:00"	3.986	223.1	13.4	6.368	2.757	230.1	17.1	4.578	59.38	58.9	0.485	87.6	87.1	26.339	0.34501	0	
"2014-10-24	05:00:00"	4.718	235.6	10.18	6.964	3.315	246.2	12.32	5.175	58.88	58.35	0.523	89.8	88.9	26.337	0.34577	0	
"2014-10-24	06:00:00"	4.068	227.5	15.21	6.368	2.817	235.1	19.6	5.175	57.89	57.48	0.418	90.9	90	26.334	0.61659	0	
"2014-10-24	07:00:00"	4.463	225.7	16.09	6.368	3.003	237.4	20.27	5.175	56.86	56.39	0.467	91.3	90.6	26.339	0.84283	0	
"2014-10-24	08:00:00"	4.743	244.5	10.08	6.368	3.244	257.6	11.62	5.175	55.68	55.34	0.338	91.3	90.7	26.349	1.3147	0	
"2014-10-24	09:00:00"	4.894	236.6	13.51	7.561	3.686	249.7	14.12	5.771	55.26	55.14	0.119	91.4	90.9	26.361	42.773	0	
"2014-10-24	10:00:00"	5.609	221.3	16.43	9.35	4.649	229.1	19.56	8.16	56.38	56.63	-0.246	91.7	91.3	26.381	179.88	0	
"2014-10-24	11:00:00"	7.398	211.8	12.73	10.54	6.129	217.8	16.48	9.95	59.57	60.22	-0.65	92.1	91.4	26.394	420.82	0	
"2014-10-24	12:00:00"	7.102	212.5	12.67	10.54	6.047	218.4	17.15	9.35	65.12	67.16	-2.039	82.9	78.07	26.394	588.68	0	
"2014-10-24	13:00:00"	8.63	211.9	14.59	13.52	7.143	215.2	18.44	11.74	73.4	74.54	-1.133	55.02	52.4	26.387	695.16	0	
"2014-10-24	14:00:00"	10.07	207	15.66	17.1	8.22	209.2	19.26	14.12	77.06	78.42	-1.363	43.47	40.76	26.369	736.97	0	
"2014-10-24	15:00:00"	9.41	212	16.77	15.31	7.678	214.5	19.66	14.12	79.1	80.3	-1.234	38.09	35.93	26.344	697.37	0	
"2014-10-24	16:00:00"	9.65	205.9	20.57	16.51	7.672	208.1	24.97	14.12	80.5	81.8	-1.257	34.58	32.51	26.326	621.1	0	
"2014-10-24	17:00:00"	9.34	200.5	18.81	15.31	7.539	202.4	22.18	14.12	81.2	82.2	-0.953	32.62	30.7	26.319	473.63	0	
"2014-10-24	18:00:00"	9.25	195.3	15.01	14.72	7.243	196.1	19.18	12.93	81	81.6	-0.56	34.63	32.93	26.314	290.24	0	
"2014-10-24	19:00:00"	7.428	195.2	14.46	12.93	5.734	195.5	16.32	11.74	79.97	79.71	0.261	35.92	34.88	26.315	100.79	0	
"2014-10-24	20:00:00"	5.954	178.4	10.72	9.95	4.06	179.9	11.84	8.75	75.84	74.7	1.137	40.11	40.26	26.325	1.7709	0	
"2014-10-24	21:00:00"	7.322	164.3	8.85	10.54	4.939	161	10.24	8.16	73.48	72.01	1.469	39.72	40.46	26.342	0	0	
"2014-10-24	22:00:00"	8.68	161.5	8.86	12.93	6.142	158.1	9.64	9.35	71.33	70.09	1.248	41.89	42.25	26.349	0	0	
"2014-10-24	23:00:00"	9.85	160.7	8.89	15.31	7.177	157.2	9.78	11.14	69.85	68.7	1.153	46.01	46.27	26.355	0	0	
"2014-10-25	00:00:00"	6.953	172.8	10.25	11.74	4.644	173	12.63	9.35	67.51	66.18	1.322	50.02	50.89	26.359	0	0	
"2014-10-25	01:00:00"	7.184	187.1	10.01	18.3	4.809	192.7	14.84	14.12	64.54	63.54	1	56.98	57.22	26.364	0	0	
"2014-10-25	02:00:00"	6.168	185.4	8.46	9.95	3.973	189.4	11.38	6.368	63.06	62.11	0.956	65.38	65.26	26.364	0	0	
"2014-10-25	03:00:00"	6.419	186.8	8.57	9.35	4.344	189.3	11.41	7.561	62.01	61.18	0.837	72.7	72.74	26.367	0	0	
"2014-10-25	04:00:00"	5.722	204.9	11.44	8.16	3.883	207.2	11.86	6.368	60.55	59.98	0.571	77.89	77.59	26.363	0	0	
"2014-10-25	05:00:00"	5.398	201.1	12.59	7.561	3.502	207.2	13.07	5.175	59.62	58.98	0.643	82.8	82.4	26.358	0	0	
"2014-10-25	06:00:00"	6.226	183.9	9.02	10.54	4.134	187.5	12.2	7.561	59.4	58.67	0.731	86.8	86.4	26.353	0	0	
"2014-10-25	07:00:00"	5.735	183.7	9.61	9.35	3.746	187.5	12.47	6.368	59.21	58.49	0.715	89.1	88.6	26.355	0.19019	0	
"2014-10-25	08:00:00"	4.724	195	7.938	6.368	3.04	207.8	10.66	4.578	58.77	58.19	0.575	90.6	90	26.362	0.72576	0	
"2014-10-25	09:00:00"	4.949	213.7	11.11	7.561	3.732	222.5	10.69	6.368	58.35	58.04	0.317	91	90.4	26.373	63.464	0.01	
"2014-10-25	10:00:00"	6.162	204.9	14.07	10.54	4.939	211.2	17.45	8.16	60.74	61.16	-0.413	86.7	86.2	26.388	252.58	0	
"2014-10-25	11:00:00"	8.63	195.2	13.08	12.33	6.809	198.3	16.94	10.54	67.23	68.19	-0.959	71.58	69.37	26.396	435.23	0	
"2014-10-25	12:00:00"	8.23	190.5	15.08	13.52	6.579	191.2	18.89	12.33	71.93	73.14	-1.208	58.79	56.12	26.392	590.81	0	
"2014-10-25	13:00:00"	7.891	204.3	19.17	12.33	6.599	207.5	23.02	11.74	76.56	77.74	-1.178	45.95	43.47	26.382	696.56	0	
"2014-10-25	14:00:00"	8.95	208.4	18.21	15.31	7.28	210.6	21.54	12.93	79.02	80.3	-1.309	39.63	37.32	26.364	737.28	0	
"2014-10-25	15:00:00"	10.77	202.9	18.13	19.49	8.68	205.8	22.13	17.7	80.8	82.1	-1.288	34.73	32.54	26.338	698.88	0	

WCS Meteorological Data
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ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-25	16:00:00"	10.47	198.9	17.73	19.49	8.37	201.4	21	16.51	81.7	83	-1.283	32.35	30.22	26.317	621.43	0	
"2014-10-25	17:00:00"	10.29	201.1	21.06	17.7	8.18	202.5	24.82	15.91	82	82.9	-0.987	32.05	30.06	26.305	475.87	0	
"2014-10-25	18:00:00"	10.24	191	14.77	18.3	7.888	192.6	18.54	16.51	82	82.5	-0.543	31.04	29.35	26.296	294.31	0	
"2014-10-25	19:00:00"	9.18	180	9.77	15.91	6.861	179.4	13.53	12.33	80.6	80.2	0.322	31.54	30.49	26.293	99.819	0	
"2014-10-25	20:00:00"	8.72	167.1	8.66	12.33	6.177	164.1	10.07	9.35	76.82	75.76	1.058	35.29	35	26.292	1.5558	0	
"2014-10-25	21:00:00"	9.25	162.1	10.5	13.52	6.768	160	12.1	9.95	74.18	73.05	1.13	37.92	37.74	26.297	0	0	
"2014-10-25	22:00:00"	10.06	157.7	8.23	14.72	7.408	153.5	8.85	11.14	72.95	71.78	1.168	40.3	40.43	26.299	0	0	
"2014-10-25	23:00:00"	8.83	159.6	8.52	14.12	6.29	156.5	9.43	10.54	72.11	70.76	1.354	38.79	39.19	26.298	0	0	
"2014-10-26	00:00:00"	10.81	170.9	8.3	19.49	7.83	171.3	10.8	15.31	67.82	67.07	0.75	49.99	49.53	26.3	0	0	
"2014-10-26	01:00:00"	9.01	182.9	8.96	13.52	6.36	185.2	12.89	11.14	65.08	64.33	0.746	59.82	59.66	26.293	0	0	
"2014-10-26	02:00:00"	8.97	192.8	10.37	13.52	6.415	200.4	13.7	9.95	63.41	62.85	0.56	65.99	65.63	26.278	0	0	
"2014-10-26	03:00:00"	7.827	200.9	11.5	11.74	5.818	202.7	11.64	9.35	61.94	61.5	0.439	71.63	71.15	26.271	0	0	
"2014-10-26	04:00:00"	7.283	196.4	11.08	10.54	5.169	201.7	12.64	8.16	60.44	59.88	0.564	75.83	75.67	26.256	0	0	
"2014-10-26	05:00:00"	6.147	224.4	25.14	10.54	4.369	234	29.27	7.561	59.73	59.09	0.643	78.09	78.16	26.243	0	0	
"2014-10-26	06:00:00"	6.157	216.9	12.79	8.75	4.649	219.5	14.91	6.964	59.43	58.95	0.476	78.86	78.75	26.235	0	0	
"2014-10-26	07:00:00"	7.509	202.9	8.3	9.35	5.367	204.2	9.26	7.561	58.44	57.71	0.724	81.6	81.8	26.231	0	0	
"2014-10-26	08:00:00"	6.029	214.3	11.79	9.95	4.284	215.5	14.87	7.561	57.14	56.58	0.553	84	83.9	26.23	0.3212	0	
"2014-10-26	09:00:00"	5.974	221.1	13.49	8.75	4.664	222.2	13.56	7.561	56.63	56.4	0.234	85.1	84.7	26.234	63.026	0	
"2014-10-26	10:00:00"	7.225	219.9	13.65	11.74	5.994	223.4	15.64	9.95	58.42	58.73	-0.312	81.9	80.8	26.246	252.73	0	
"2014-10-26	11:00:00"	6.949	215.1	14.38	11.74	5.814	218	17.61	10.54	64.04	64.78	-0.737	69.07	66.99	26.249	440.23	0	
"2014-10-26	12:00:00"	6.79	225.3	16.74	10.54	5.741	230.4	18.49	9.95	71.12	72.01	-0.897	53.35	51.12	26.239	596.03	0	
"2014-10-26	13:00:00"	8.77	236.4	17.46	14.72	7.159	239.7	20.76	12.93	77.68	78.77	-1.087	38.12	36.09	26.222	699.72	0	
"2014-10-26	14:00:00"	8.71	224.1	21.04	14.72	7.107	226.1	24.76	12.93	81.6	82.8	-1.13	29.71	27.79	26.193	740.04	0	
"2014-10-26	15:00:00"	6.651	224.9	32.03	12.33	5.451	228.6	35.09	11.14	83.2	84.4	-1.168	28.05	26.22	26.161	697.4	0	
"2014-10-26	16:00:00"	8.07	212.1	24.07	17.7	6.543	212.3	28.79	14.12	84.5	85.5	-1.049	26.94	25.1	26.136	615.73	0	
"2014-10-26	17:00:00"	10.02	229.3	33.54	18.3	7.876	233.9	38.09	15.31	85.3	86.2	-0.891	24.15	22.39	26.122	470.45	0	
"2014-10-26	18:00:00"	7.898	230.5	20.03	12.33	6.322	234.2	24.06	11.74	85.2	85.5	-0.313	22.89	21.35	26.113	287.53	0	
"2014-10-26	19:00:00"	6.664	216	19.85	11.74	5.183	216.6	22.41	9.95	83.4	83	0.402	26.18	25	26.107	93.356	0	
"2014-10-26	20:00:00"	7.757	188.1	9.35	12.33	5.355	190.7	12.46	9.35	77.5	76.44	1.059	32.52	32.12	26.112	1.2084	0	
"2014-10-26	21:00:00"	7.274	185.3	9.24	11.14	4.76	188.5	13.21	9.35	74.38	72.98	1.396	34.09	34.29	26.119	0	0	
"2014-10-26	22:00:00"	9.2	175.5	8.16	14.12	6.483	173.9	10.56	10.54	71.31	70.11	1.204	37.25	37.24	26.114	0	0	
"2014-10-26	23:00:00"	8.2	186.1	15.8	14.12	5.762	191.6	20.2	11.74	68.8	67.98	0.819	40.09	39.71	26.11	0	0	
"2014-10-27	00:00:00"	8.13	193.1	11.91	12.33	5.686	200.1	15.08	9.35	66.25	65.57	0.674	51.07	50.19	26.111	0	0	
"2014-10-27	01:00:00"	8.96	189.8	11.26	14.12	6.627	194.2	14.78	11.14	66.39	65.9	0.495	64.06	63.49	26.101	0	0	
"2014-10-27	02:00:00"	7.845	186.1	9.62	12.93	5.748	189.4	13.91	11.14	64.7	64.25	0.45	70.23	69.78	26.091	0	0	
"2014-10-27	03:00:00"	8.11	191.3	11.84	11.74	5.905	194.8	15.25	9.95	63.65	63.21	0.434	73.58	73.25	26.083	0	0	
"2014-10-27	04:00:00"	7.434	201.6	12.44	11.14	5.511	204.5	14.4	9.35	62.37	62	0.365	75.7	75.27	26.077	0	0	
"2014-10-27	05:00:00"	6.142	209.1	12.36	9.35	4.72	207.5	13.72	6.964	60.77	60.43	0.337	78.8	78.32	26.073	0	0	
"2014-10-27	06:00:00"	6.47	199.8	11.4	9.95	4.731	201.7	12.26	8.16	59.18	58.82	0.367	82.2	81.8	26.07	0	0	
"2014-10-27	07:00:00"	6.985	194.2	8.72	9.95	5.009	199.3	10.67	8.16	58.43	58	0.43	83.3	83.1	26.071	0	0	
"2014-10-27	08:00:00"	6.3	215.6	14.76	9.35	4.823	215.5	16.34	6.964	58.19	57.9	0.283	83.4	83	26.074	0.68587	0	
"2014-10-27	09:00:00"	6.563	235.6	12.47	9.95	5.178	243.7	16	8.16	57.3	57.23	0.069	84.6	84	26.088	39.207	0	
"2014-10-27	10:00:00"	7.993	217.5	13.94	12.33	6.516	221.7	16.48	11.14	59.52	59.87	-0.356	80.2	78.88	26.105	218.76	0	
"2014-10-27	11:00:00"	8.91	210.7	13.14	13.52	7.233	212.1	16.74	12.33	65.81	66.48	-0.672	64.39	62.4	26.112	373.2	0	
"2014-10-27	12:00:00"	9.78	213.3	14.37	15.31	7.869	215.1	16.96	14.12	71.27	71.97	-0.704	50.38	48.22	26.108	439.55	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2014-10-27	13:00:00"	10.95	221.2	17.97	21.87	8.78	223.9	21.33	17.1	76.77	77.47	-0.707	40.22	38.34	26.098	543.42	0
"2014-10-27	14:00:00"	16.06	254.3	14.81	26.65	12.36	260.6	18.29	23.07	81.4	82.3	-0.843	29.38	27.58	26.079	561.11	0
"2014-10-27	15:00:00"	18.64	261.7	11.78	28.43	13.77	269	14.42	24.86	81.9	82.6	-0.69	25.59	23.91	26.059	466.75	0
"2014-10-27	16:00:00"	21.16	261	10.14	30.82	15.88	269.7	12.38	26.65	82.4	83.1	-0.737	23.59	21.83	26.051	544.85	0
"2014-10-27	17:00:00"	19.33	262.8	10.07	30.22	14.5	270.7	12.43	25.45	82.4	82.5	-0.1	22.01	20.45	26.052	199.04	0
"2014-10-27	18:00:00"	10.21	239.3	17.08	18.3	7.993	242.1	20.44	15.91	81	80.8	0.18	26.09	24.67	26.062	87.067	0
"2014-10-27	19:00:00"	7.389	214.6	13.09	11.74	5.471	217.6	15.77	9.35	78.99	78.54	0.445	28.79	27.58	26.061	19.764	0
"2014-10-27	20:00:00"	8.26	228.8	17.15	13.52	6.341	232.1	20.72	11.74	77.29	76.74	0.552	30.39	29.31	26.075	0.23481	0
"2014-10-27	21:00:00"	6.756	241.7	12.19	14.12	4.839	245.7	15.75	11.14	76.25	75.52	0.727	31.57	30.74	26.095	0	0
"2014-10-27	22:00:00"	8.37	259.7	9	13.52	6.045	265.7	11.2	9.95	73.66	72.9	0.763	33.86	33.24	26.112	0	0
"2014-10-27	23:00:00"	5.874	263.4	22.79	9.95	3.7	266.1	28.33	7.561	71.05	69.64	1.411	37.03	37.34	26.128	0	0
"2014-10-28	00:00:00"	8.46	302.4	12.82	12.93	3.909	311.3	16.76	9.35	67.43	64.35	3.079	43.67	47.19	26.15	0	0
"2014-10-28	01:00:00"	10.77	299.9	6.621	13.52	4.748	308.3	9.18	8.75	67.59	65.2	2.396	44.18	46.47	26.159	0	0
"2014-10-28	02:00:00"	14.27	347.8	30.45	26.05	9.7	350.5	30.06	22.47	62.3	61.05	1.25	52.87	53.74	26.179	0	0
"2014-10-28	03:00:00"	19.32	30.35	6.955	27.24	14.45	33.16	11.71	24.26	57.14	56.87	0.269	59.49	58.59	26.211	0	0
"2014-10-28	04:00:00"	20.55	31.45	6.767	28.43	15.35	33.86	11.4	23.07	54.78	54.54	0.242	59.36	58.45	26.233	0	0
"2014-10-28	05:00:00"	17.88	35.32	7.508	26.05	13.43	38.66	10.88	20.68	53.13	52.89	0.243	60.36	59.51	26.248	0	0
"2014-10-28	06:00:00"	18.41	32.37	7.353	27.24	13.83	35.01	11.56	21.87	51.04	50.82	0.218	60.18	59.33	26.26	0	0
"2014-10-28	07:00:00"	15.66	27.61	12.24	24.86	11.64	29.39	16.6	20.68	49.26	48.99	0.269	55.92	55.17	26.291	0	0
"2014-10-28	08:00:00"	13.43	12.75	7.09	18.89	9.69	11.36	13.28	15.91	46.88	46.47	0.415	52.86	52.58	26.317	0.15364	0
"2014-10-28	09:00:00"	13.1	15.22	7.478	20.09	9.47	14.41	14.86	15.31	45.92	45.83	0.081	51.29	50.45	26.339	55.367	0
"2014-10-28	10:00:00"	15.15	25.06	10.84	23.07	11.49	26.42	15.58	18.3	49.11	49.74	-0.628	46.99	44.98	26.366	239.3	0
"2014-10-28	11:00:00"	14.43	42.11	10.8	21.87	11.22	44.31	13.81	18.3	52.9	54.1	-1.192	43.59	40.89	26.391	423.58	0
"2014-10-28	12:00:00"	12.39	45.8	14.33	19.49	9.63	48.35	17.24	15.31	56	57.75	-1.75	41.26	38.26	26.398	577.79	0
"2014-10-28	13:00:00"	9.65	52.71	17.98	17.1	7.574	56.1	21.45	15.31	58.82	60.75	-1.936	40.65	37.57	26.385	682.57	0
"2014-10-28	14:00:00"	6.853	54.72	27.75	14.12	5.565	58.72	32.08	11.14	61.18	63	-1.817	40.28	37.35	26.362	722.29	0
"2014-10-28	15:00:00"	5.589	29.62	43.25	12.33	4.557	29.97	51.64	11.74	63.87	65.68	-1.808	38.96	36.24	26.335	681.41	0
"2014-10-28	16:00:00"	6.066	19.43	31.61	12.33	5.047	23.23	37.32	11.74	65.57	67.31	-1.739	37.64	35.01	26.317	601.32	0
"2014-10-28	17:00:00"	5.547	59.48	32.1	11.14	4.495	65.12	35.01	9.95	66.86	68.1	-1.235	36.38	34.1	26.308	462.55	0
"2014-10-28	18:00:00"	5.924	75.23	24.26	11.74	4.721	77.75	27.02	9.95	67.48	68.4	-0.918	35.77	33.75	26.307	281.98	0
"2014-10-28	19:00:00"	6.342	88.6	10.37	9.35	4.304	91.2	12.38	7.561	66.67	66.62	0.046	37.4	36.54	26.316	89.783	0
"2014-10-28	20:00:00"	7.4	88.1	4.977	9.35	3.506	84.2	7.977	5.175	64.13	60.33	3.802	40.71	46.09	26.332	1.1134	0
"2014-10-28	21:00:00"	8.01	97.4	2.929	9.35	3.927	78.38	8.65	5.175	60.84	56.61	4.226	45.7	51.31	26.351	0	0
"2014-10-28	22:00:00"	9.86	100.3	2.97	11.14	4.522	88.4	8	5.771	58.07	53.34	4.732	50.57	57.12	26.364	0	0
"2014-10-28	23:00:00"	9.53	106.6	4.243	11.14	4.241	91.5	8.75	5.771	55.41	50.97	4.439	56.67	62.91	26.373	0	0
"2014-10-29	00:00:00"	9.55	100.1	3.931	10.54	4.284	88.1	8.03	5.771	53.98	49.83	4.154	60.53	66.35	26.381	0	0
"2014-10-29	01:00:00"	9.72	96.5	2.994	11.14	4.438	85	8.52	5.771	53.01	49.29	3.719	63.1	68.84	26.38	0	0
"2014-10-29	02:00:00"	9.18	93.7	8.78	10.54	4.366	80.4	10.76	6.368	51.32	48	3.324	66.23	71.59	26.38	0	0
"2014-10-29	03:00:00"	9.16	65.95	6.797	11.74	5.453	63.4	9.01	8.16	49.42	47.9	1.52	69.45	71.82	26.383	0	0
"2014-10-29	04:00:00"	9.06	65.25	5.297	11.14	5.353	63.51	8.57	8.16	47.74	46.4	1.339	71.87	73.7	26.383	0	0
"2014-10-29	05:00:00"	9.34	66.5	9.06	11.14	5.586	64.15	10.96	8.16	47.42	46.15	1.268	71.38	73.48	26.378	0	0
"2014-10-29	06:00:00"	9.09	67.76	6.054	11.74	5.277	65.41	9.47	7.561	46.85	45.57	1.287	69.68	71.94	26.382	0	0
"2014-10-29	07:00:00"	9.03	58.37	5.855	11.14	5.609	59.64	8.82	8.16	46.22	45.22	0.999	69.91	71.55	26.388	0	0
"2014-10-29	08:00:00"	8.83	55	7.302	11.14	5.799	55.38	9.43	9.35	46.14	45.31	0.83	69.39	70.64	26.394	0.20367	0
"2014-10-29	09:00:00"	9.11	53.87	7.144	12.93	6.58	55.75	9.29	9.35	46.33	46.07	0.262	67.87	67.88	26.411	52.345	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-29	10:00:00"	9.57	84.8	15.12	12.93	7.301	87.4	17.32	11.74	50.44	50.9	-0.464	61.07	59.53	26.432	232.34	0
"2014-10-29	11:00:00"	12.15	120.1	11.87	17.7	9.51	122.6	13.96	14.72	57.52	58.41	-0.888	49.96	47.59	26.443	416.14	0
"2014-10-29	12:00:00"	12.81	136.8	10.72	17.7	10.08	139	12.23	14.72	61.18	62.6	-1.421	47.33	44.1	26.441	568.48	0
"2014-10-29	13:00:00"	10.37	155.8	17.28	18.89	8.4	156.7	19	15.91	64.19	65.68	-1.491	46.95	43.66	26.429	672.12	0
"2014-10-29	14:00:00"	8.81	166.5	19.09	15.31	7.116	169	21.44	13.52	66.4	67.97	-1.573	46.17	42.9	26.403	711.28	0
"2014-10-29	15:00:00"	9.21	174.1	25.6	15.91	7.404	175.7	28.57	13.52	68.14	69.78	-1.633	44.84	41.42	26.371	667.2	0
"2014-10-29	16:00:00"	7.413	171.1	22.19	16.51	6.002	170.9	25.82	12.93	69.62	70.99	-1.369	44.53	41.44	26.35	592.52	0
"2014-10-29	17:00:00"	8.41	174.7	18.75	13.52	6.767	176.4	21.95	13.52	70.84	72.04	-1.197	42.93	40.05	26.334	450.79	0
"2014-10-29	18:00:00"	9.22	172.6	15.81	15.31	7.369	173.5	19.43	12.93	71.32	72.12	-0.798	43.17	40.64	26.326	271.48	0
"2014-10-29	19:00:00"	8.51	171.5	8.22	12.33	6.565	171.5	10.82	10.54	70.6	70.62	-0.019	46.31	44.73	26.319	83.466	0
"2014-10-29	20:00:00"	4.527	165.7	10.86	8.16	2.616	159.4	19.3	6.368	67.62	66.45	1.167	52.57	52.73	26.329	0.95109	0
"2014-10-29	21:00:00"	7.516	158.1	7.982	11.74	5.386	155.2	8.64	8.16	65.82	64.87	0.954	56.28	56.41	26.336	0	0
"2014-10-29	22:00:00"	6.967	174.4	7.432	10.54	4.696	175.7	9.97	7.561	63.3	62.37	0.935	61.06	61.3	26.338	0	0
"2014-10-29	23:00:00"	5.179	197.5	16.3	8.16	3.41	199.2	17.75	5.175	60.96	60.09	0.875	66.18	66.15	26.34	0	0
"2014-10-30	00:00:00"	4.011	216.6	12.01	6.368	2.307	199.8	17.74	5.175	59.33	58.08	1.256	68.7	69.43	26.334	0	0
"2014-10-30	01:00:00"	5.318	201	14.99	8.16	3.349	190.8	19.58	6.368	58.51	57.23	1.277	71.65	72.24	26.333	0	0
"2014-10-30	02:00:00"	5.502	222.8	14.2	9.95	3.741	220.7	18.94	6.964	57.64	56.93	0.702	74.4	74.5	26.326	0	0
"2014-10-30	03:00:00"	5.261	222	12.64	8.75	3.677	217.9	14.66	6.368	57.12	56.49	0.632	76.59	76.49	26.321	0	0
"2014-10-30	04:00:00"	5.088	223.8	12.74	9.35	3.452	228.6	16.54	6.964	57.29	56.57	0.719	77.2	77.36	26.315	0	0
"2014-10-30	05:00:00"	5.103	225.3	13.14	7.561	3.446	232.7	16.2	5.771	57.08	56.32	0.761	78.42	78.65	26.306	0	0
"2014-10-30	06:00:00"	5.307	265.3	11.15	8.16	3.026	292.9	20.56	4.578	56.62	53.45	3.167	79.87	82.8	26.302	0	0
"2014-10-30	07:00:00"	6.526	273.5	12.89	8.75	3.195	289.2	12.01	5.175	55.42	52.51	2.908	81.9	84.9	26.309	0	0
"2014-10-30	08:00:00"	5.96	275.3	10.02	8.16	2.829	294.9	11.38	5.175	55.02	51.81	3.203	82.4	85	26.317	0.18038	0
"2014-10-30	09:00:00"	5.965	281.1	15.37	8.16	2.741	287.2	17.22	5.175	53.5	51.57	1.93	84.8	86.8	26.325	54.857	0
"2014-10-30	10:00:00"	10.58	293.6	16.89	16.51	6.061	298.9	18.98	11.74	57.68	57.9	-0.221	78.1	77.69	26.345	236.48	0
"2014-10-30	11:00:00"	10.75	295.5	9.6	17.7	6.501	299.9	12.53	11.74	65.1	66.09	-0.981	63.33	61.01	26.355	424.87	0
"2014-10-30	12:00:00"	14.47	329	19.77	20.68	10.33	330.6	19.66	18.89	69.8	71.17	-1.375	35.42	33.54	26.355	584.24	0
"2014-10-30	13:00:00"	13.74	353.3	14.41	19.49	10.67	352	16.2	17.1	70.74	72.62	-1.881	27.54	25.53	26.358	692.95	0
"2014-10-30	14:00:00"	12.44	356.3	16.35	18.89	9.69	354.4	18.21	16.51	73.3	75.34	-2.035	26.38	24.21	26.35	732.07	0
"2014-10-30	15:00:00"	13.63	9.43	13.96	20.09	10.57	8.65	18.94	17.1	73.94	75.86	-1.922	28.38	26.02	26.338	685.99	0
"2014-10-30	16:00:00"	13.66	19.9	13.88	20.68	10.6	20.92	19.74	18.3	75.11	76.8	-1.691	30.93	28.53	26.329	602.84	0
"2014-10-30	17:00:00"	13.99	19.53	10.98	20.68	10.61	19.54	18.09	18.3	75.3	76.64	-1.339	31.12	28.91	26.332	452.83	0
"2014-10-30	18:00:00"	14.9	34.14	12.02	23.07	11.58	36.78	15.3	20.09	74.66	75.15	-0.487	32.81	31.05	26.338	268.72	0
"2014-10-30	19:00:00"	13.98	43.68	9.86	21.87	10.65	46.18	12.34	17.7	72.3	71.97	0.33	36.67	35.52	26.349	77.885	0
"2014-10-30	20:00:00"	11.28	44.41	8.65	16.51	8.29	47.29	10.87	12.93	68.52	67.74	0.785	43.88	43.28	26.367	0.71109	0
"2014-10-30	21:00:00"	11.52	38.45	6.857	17.1	8.44	40.79	9.5	13.52	65.14	64.39	0.757	50.6	50.21	26.392	0	0
"2014-10-30	22:00:00"	10.88	41.92	8.26	15.31	7.799	43.1	10.7	12.93	62.79	61.99	0.806	56.42	56.29	26.414	0	0
"2014-10-30	23:00:00"	12.02	38.01	7.182	18.89	8.63	39.5	9.52	15.31	59.72	58.95	0.767	63.09	63.18	26.434	0	0
"2014-10-31	00:00:00"	15.33	46.34	8.03	21.87	11.61	48.25	9.88	18.89	59.22	58.72	0.491	64.33	64.04	26.449	0	0
"2014-10-31	01:00:00"	13.13	54.99	7.166	19.49	9.61	56.94	9.42	15.91	57.26	56.7	0.559	59.32	59.24	26.463	0	0
"2014-10-31	02:00:00"	12.95	54.85	7.313	17.7	9.5	57.04	9.5	14.72	55.3	54.72	0.578	52.01	51.83	26.472	0	0
"2014-10-31	03:00:00"	9.91	49.86	8.15	13.52	7.055	52.22	10.26	10.54	53.14	52.42	0.722	50.8	50.93	26.485	0	0
"2014-10-31	04:00:00"	11.79	47.34	7.567	17.1	8.64	48.85	9.63	12.93	52.42	51.75	0.67	47.6	47.5	26.491	0	0
"2014-10-31	05:00:00"	11.89	44.13	8.74	17.7	8.82	45.63	10.81	14.72	50.37	49.81	0.554	49.74	49.36	26.489	0	0
"2014-10-31	06:00:00"	11.07	37.59	7.598	14.72	8.09	38.7	10.63	12.33	48.39	47.8	0.593	52.19	52.14	26.492	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-10-31	07:00:00"	9.9	32.59	8.47	14.72	7.086	32.05	13.18	12.33	46.94	46.26	0.676	54.15	54.22	26.502	0	0
"2014-10-31	08:00:00"	7.774	24.97	6.318	9.95	4.927	24.09	12	7.561	43.46	42.39	1.064	61.01	62.31	26.516	0.16444	0
"2014-10-31	09:00:00"	11.7	36.87	9.17	18.89	8.17	38.51	10.83	15.31	44.99	44.33	0.664	57.14	57.95	26.531	52.027	0
"2014-10-31	10:00:00"	15.37	61.61	12.22	21.28	11.33	64.61	14.59	17.7	51.32	51.68	-0.362	45.43	43.94	26.551	234.01	0
"2014-10-31	11:00:00"	14.88	91.8	11.57	23.07	11.37	94.5	14.4	18.89	56.69	57.44	-0.747	37.46	35.62	26.58	414.22	0
"2014-10-31	12:00:00"	13.44	99.8	10.89	21.28	10.85	102.4	13.24	17.1	57.94	59.11	-1.17	36.31	34.09	26.584	564.54	0
"2014-10-31	13:00:00"	13.26	108.5	14.74	20.68	10.55	111.5	17.58	17.1	60.05	61.63	-1.586	33.97	31.41	26.577	657.93	0
"2014-10-31	14:00:00"	12.62	110.4	17.56	18.89	10.2	112.9	18.45	16.51	61.28	62.91	-1.637	32.61	30.02	26.56	699.2	0
"2014-10-31	15:00:00"	11.61	116.6	16.23	19.49	9.3	119.6	18.08	17.7	62.26	64.05	-1.789	31.92	29.23	26.529	653.39	0
"2014-10-31	16:00:00"	11.63	116.4	15.84	18.3	9.45	119	17.23	15.91	63.09	64.69	-1.595	31.53	28.94	26.504	589.12	0
"2014-10-31	17:00:00"	11.8	116	15.24	18.3	9.46	118.5	17.64	15.91	63.68	65.06	-1.383	31.36	28.94	26.491	446.97	0
"2014-10-31	18:00:00"	11.78	118.2	12.02	18.89	9.29	120.9	14.08	15.91	64	64.81	-0.815	30.97	28.95	26.486	261.99	0
"2014-10-31	19:00:00"	9.84	112.3	9.27	17.1	7.093	113.8	12.03	14.72	61.53	61.24	0.293	33.67	32.62	26.484	27.131	0
"2014-10-31	20:00:00"	8.43	98.5	5.413	10.54	4.651	91.6	10.03	6.368	57.15	55.2	1.953	38.89	40.79	26.484	0.39586	0
"2014-10-31	21:00:00"	8.92	89.9	4.708	11.14	5.238	85.9	7.829	7.561	53.89	52.6	1.282	44.26	45.36	26.487	0	0
"2014-10-31	22:00:00"	9.49	89.5	4.884	12.33	5.674	87.3	7.665	8.75	51.42	50.2	1.22	48.96	49.81	26.489	0	0
"2014-10-31	23:00:00"	9.06	83.6	3.966	11.14	5.169	78.18	7.897	7.561	49.11	47.35	1.766	53.16	55.26	26.494	0	0
"2014-11-01	00:00:00"	10.33	93.6	6.491	14.72	6.243	90.1	10.37	9.95	47.19	45.78	1.411	55.2	56.95	26.492	0	0
"2014-11-01	01:00:00"	11.33	100.1	6.3	15.91	8.1	100.7	8.08	12.33	47.74	47.24	0.495	51.42	51.11	26.48	0	0
"2014-11-01	02:00:00"	10.94	96.8	7.995	15.31	7.788	97.2	9.62	12.33	46.69	46.23	0.467	52.86	52.47	26.461	0	0
"2014-11-01	03:00:00"	11.11	107.3	7.527	15.91	8.24	107.5	9.41	12.33	46.49	46.04	0.452	52.92	52.5	26.454	0	0
"2014-11-01	04:00:00"	11.46	114	7.107	15.91	8.47	116.4	9.65	14.12	46.39	46	0.386	52.68	52.09	26.451	0	0
"2014-11-01	05:00:00"	13.2	121.1	8.39	18.3	9.6	123.7	11.22	14.72	46.19	45.85	0.339	51.97	51.27	26.438	0	0
"2014-11-01	06:00:00"	13.42	128.4	7.433	20.09	9.88	130.9	9.63	16.51	45.5	45.26	0.233	53.4	52.5	26.432	0	0
"2014-11-01	07:00:00"	12.85	125.8	7.293	18.3	9.38	128.7	9.87	15.91	44.57	44.39	0.179	56.45	55.48	26.429	0	0
"2014-11-01	08:00:00"	9.46	119.6	8.13	15.31	6.799	121.8	10.81	11.74	43.57	43.31	0.262	59.71	58.98	26.429	0.1229	0
"2014-11-01	09:00:00"	9.81	119.9	7.935	15.91	7.212	122.8	10.71	13.52	43.3	43.22	0.075	61.92	60.97	26.431	44.02	0
"2014-11-01	10:00:00"	13.39	132.4	10.19	19.49	10.27	134.5	11.42	17.7	46.83	47.35	-0.519	56.89	54.88	26.437	214.59	0
"2014-11-01	11:00:00"	15.87	156.5	11.65	23.07	12.64	156.5	12.83	19.49	51.21	51.97	-0.754	50.61	48.11	26.437	390.09	0
"2014-11-01	12:00:00"	15.49	164.6	11.22	23.66	12.35	163.6	12.87	19.49	54.94	56.13	-1.192	48.08	44.97	26.422	534.7	0
"2014-11-01	13:00:00"	15.53	164.8	13.62	24.26	12.33	164.9	15.3	20.09	57.91	59.47	-1.561	45.84	42.28	26.399	648.08	0
"2014-11-01	14:00:00"	14.17	167.5	12.77	23.07	11.35	166.5	14.57	19.49	60.81	62.49	-1.688	43.46	39.82	26.375	675.31	0
"2014-11-01	15:00:00"	14.63	167.2	13.49	23.66	11.65	166.7	15.62	18.89	63.51	65.15	-1.634	42.33	38.9	26.339	629.51	0
"2014-11-01	16:00:00"	14.48	163.1	13.82	22.47	11.53	163.4	15.18	18.89	65.6	67	-1.399	41.88	38.71	26.317	514.63	0
"2014-11-01	17:00:00"	14.62	161.5	11.64	22.47	11.65	161.3	13.28	18.3	66.8	67.55	-0.757	42.28	39.7	26.304	281.89	0
"2014-11-01	18:00:00"	14.74	155.1	12.29	21.87	11.72	155.3	13.16	18.89	66.36	66.67	-0.312	42.6	40.53	26.296	126.71	0
"2014-11-01	19:00:00"	13.65	155.5	11.14	21.87	10.78	155.1	11.3	18.3	64.95	64.95	0.001	43.48	41.82	26.294	31.443	0
"2014-11-01	20:00:00"	13.1	157.4	9.85	21.87	10.37	156.4	10.86	18.89	63.07	62.89	0.179	45.28	43.91	26.298	0.18872	0
"2014-11-01	21:00:00"	13.74	150.5	9.44	21.87	10.91	150	9.98	18.3	60.75	60.59	0.156	46.58	45.23	26.3	0	0
"2014-11-01	22:00:00"	15.04	161.8	11.79	24.86	11.73	162.2	12.74	22.47	59.08	58.98	0.104	48.14	46.74	26.302	0	0
"2014-11-01	23:00:00"	11.92	165.2	10.81	21.28	9.18	165.1	12.51	15.91	57.66	57.58	0.079	51.79	50.42	26.312	0	0
"2014-11-02	00:00:00"	12.27	170.3	9.11	18.3	9.35	170.1	11.89	15.31	56.16	56.03	0.13	57.97	56.78	26.315	0	0
"2014-11-02	01:00:00"	12.75	173.9	7.054	17.1	9.57	173.6	10.33	15.31	55.15	55.02	0.131	61.88	60.82	26.309	0	0
"2014-11-02	02:00:00"	14.15	171.9	7.828	21.28	10.81	171.8	10.77	17.1	54.57	54.51	0.06	63.44	62.32	26.3	0	0
"2014-11-02	03:00:00"	14.05	172.9	7.278	19.49	10.65	172.8	10.56	16.51	54.07	54.05	0.019	65.29	64.1	26.284	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-02	04:00:00"	13.98	176.8	12.18	20.09	10.55	178.1	15.97	16.51	54.28	54.28	-0.006	66.15	64.95	26.265	0
"2014-11-02	05:00:00"	11.34	181.3	12.74	17.1	8.64	181.4	16.05	14.12	54.62	54.65	-0.034	65.61	64.49	26.265	0
"2014-11-02	06:00:00"	11.63	174.4	7.266	15.91	8.85	173.6	10.29	13.52	54.32	54.26	0.068	66.55	65.96	26.258	0
"2014-11-02	07:00:00"	9.82	171.8	8.3	16.51	7.45	171	10.94	11.74	54.3	54.27	0.035	66	64.99	26.265	0
"2014-11-02	08:00:00"	8.51	159.9	11.45	12.93	6.584	159.7	12.77	9.95	53.9	53.85	0.052	67.4	66.41	26.266	0.00978
"2014-11-02	09:00:00"	9.21	167.2	10.66	14.72	7.022	166.9	12.99	11.74	53.04	52.99	0.051	69.18	68.26	26.27	22.02
"2014-11-02	10:00:00"	12.33	169.7	10.07	18.3	9.43	169.3	12.31	15.91	53.93	54.13	-0.202	69.49	68.08	26.286	110.17
"2014-11-02	11:00:00"	14.45	169.1	8.94	21.28	11.28	168.6	11.83	17.1	55.84	56.34	-0.5	68.12	66.12	26.296	198.93
"2014-11-02	12:00:00"	14.07	168.8	8.86	20.68	10.95	168.7	11.36	16.51	57.66	58.21	-0.552	65.78	63.75	26.295	187.67
"2014-11-02	13:00:00"	12.76	169.9	10.07	18.89	9.88	169.3	12.72	14.72	59	59.54	-0.533	63.97	62.02	26.293	201.93
"2014-11-02	14:00:00"	13.47	171.9	9.06	21.87	10.43	171.2	11.97	17.7	60.08	60.79	-0.708	61.84	59.5	26.273	241.21
"2014-11-02	15:00:00"	14.64	168.8	11.74	20.68	11.49	168.2	13.83	17.7	61.8	62.67	-0.868	58.22	55.55	26.239	305.46
"2014-11-02	16:00:00"	15.34	166.1	11.7	21.28	12	165.4	13.66	17.7	63.48	64.38	-0.894	54.65	51.92	26.215	339.45
"2014-11-02	17:00:00"	15.44	163.8	11.05	21.87	12.42	163.5	13.32	19.49	65.08	65.94	-0.862	51.56	48.85	26.202	399.04
"2014-11-02	18:00:00"	14.92	162.7	11.32	22.47	11.58	161.9	12.82	18.89	65.77	65.93	-0.157	50.79	49.04	26.195	81.724
"2014-11-02	19:00:00"	15.67	160.9	10.33	24.86	12.23	160.1	11.32	21.87	65.59	65.56	0.03	50.92	49.45	26.192	36.973
"2014-11-02	20:00:00"	16.05	157.9	11.15	25.45	12.65	157.5	11.95	21.28	63.01	62.81	0.199	58.03	56.93	26.198	0.32228
"2014-11-02	21:00:00"	14.3	156.5	10.4	22.47	11.28	155.7	11.4	19.49	60.06	59.86	0.199	66.93	66.05	26.213	0
"2014-11-02	22:00:00"	14.72	158	9.98	25.45	11.55	156.8	10.52	19.49	58.39	58.21	0.175	72.97	72.18	26.218	0
"2014-11-02	23:00:00"	15.68	168.9	8.65	22.47	11.99	169	11.56	19.49	57.72	57.47	0.25	76.11	75.55	26.226	0
"2014-11-03	00:00:00"	15.36	171	7.664	24.26	11.66	171.6	10.63	18.89	57.26	56.98	0.286	77.87	77.46	26.227	0
"2014-11-03	01:00:00"	17.17	171	7.498	24.26	13.05	170.8	10.42	20.09	56.98	56.71	0.273	79.97	79.58	26.214	0
"2014-11-03	01:00:00"	12.69	187.9	16.01	23.07	9.68	189.1	18.63	18.89	56.9	56.69	0.205	81.5	81.1	26.22	0
"2014-11-03	02:00:00"	12.64	182.3	8.04	18.89	9.52	183.2	12.12	16.51	57.03	56.85	0.181	81.9	81.4	26.216	0
"2014-11-03	03:00:00"	11.15	168.8	11.27	15.91	8.52	168	13.77	14.12	56.04	55.8	0.245	84.4	83.9	26.203	0
"2014-11-03	04:00:00"	10.33	172	8.6	15.31	7.876	172.8	11.71	12.33	55.52	55.3	0.219	86.2	85.7	26.201	0
"2014-11-03	05:00:00"	9.99	171.5	8.24	14.72	7.597	171.5	10.92	11.74	55.63	55.5	0.128	87	86.5	26.2	0
"2014-11-03	06:00:00"	9.29	165	9.63	15.91	7.116	164.1	11.34	12.93	56.07	55.92	0.15	86.7	86.1	26.197	0
"2014-11-03	07:00:00"	8.26	171.7	7.966	12.33	6.152	171.2	11.09	9.35	55.67	55.41	0.26	87.6	87.2	26.209	0.02081
"2014-11-03	08:00:00"	7.939	168.7	9.69	12.33	6.033	168.6	11.91	9.95	55.75	55.72	0.022	88.4	87.8	26.211	15.591
"2014-11-03	09:00:00"	11.59	180.3	8.19	17.7	8.82	181.4	12.25	14.72	56.97	57.16	-0.196	86.8	85.8	26.236	59.39
"2014-11-03	10:00:00"	13.73	180	9.23	19.49	10.5	180.8	13.52	16.51	58.66	59.13	-0.466	82.9	81.3	26.251	169.75
"2014-11-03	11:00:00"	13.81	181.6	9.7	18.89	10.61	182.3	14.12	16.51	60.93	61.78	-0.852	77.14	74.57	26.248	280.73
"2014-11-03	12:00:00"	13.58	181.5	10	18.89	10.43	183	14.97	16.51	62.97	63.79	-0.816	71.8	69.28	26.244	276.86
"2014-11-03	13:00:00"	13.29	181.3	9.8	19.49	10.17	182.7	14.45	17.7	64.54	65.43	-0.888	68.12	65.47	26.227	300.54
"2014-11-03	14:00:00"	11.09	180.7	13.11	17.7	8.64	182.3	17.35	15.31	66.17	67.24	-1.07	63.55	60.69	26.198	382.36
"2014-11-03	15:00:00"	11.77	172.6	11.21	17.1	9.25	172.6	14.58	14.12	68.36	69.44	-1.08	58	55.07	26.175	384.02
"2014-11-03	16:00:00"	12.01	166.9	11.63	18.89	9.4	165.7	13.67	16.51	68.95	69.5	-0.558	57.03	54.81	26.169	210.98
"2014-11-03	17:00:00"	10.65	168.6	10.36	15.31	8.22	167.9	12.7	14.12	68.33	68.52	-0.184	57.9	56.24	26.169	95.699
"2014-11-03	18:00:00"	8.67	159.3	10.69	14.12	6.738	159.3	12.17	11.14	67.89	67.75	0.144	59.1	57.97	26.165	21.325
"2014-11-03	19:00:00"	7.47	159.1	12.46	14.12	5.776	158.1	13.81	12.93	66.52	66.29	0.229	63.94	63.04	26.177	0.06516
"2014-11-03	20:00:00"	5.947	223.5	41.4	12.93	4.394	228.2	45.97	9.95	65.05	64.74	0.306	70.22	70.17	26.207	0.00048
"2014-11-03	21:00:00"	5.271	353.7	47.05	9.35	3.699	9.3	40.14	8.16	62.3	61.51	0.794	77.83	80.5	26.218	0
"2014-11-03	22:00:00"	13.37	11.92	49.96	35.59	9.42	14.79	52.24	27.84	59.23	58.94	0.289	80.8	81	26.228	0.09997
"2014-11-03	23:00:00"	9.23	23.92	28.34	21.28	7.112	27.45	30.86	17.7	54.62	54.68	-0.061	87.7	87.1	26.262	0.34262

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-04	00:00:00"	8.7	57.39	14.97	14.72	6.862	61.41	16	11.14	55.04	55.11	-0.073	88.7	87.5	26.249	0.34517	0
"2014-11-04	01:00:00"	11.87	81.3	8.91	16.51	8.95	84.8	10.68	13.52	55.34	55.45	-0.11	89.6	88.9	26.228	0.34524	0
"2014-11-04	02:00:00"	11.64	88.6	6.573	15.91	8.87	91.8	8.41	13.52	55.37	55.4	-0.039	89.4	89	26.226	0.34514	0.01
"2014-11-04	03:00:00"	10.42	83.4	8	14.72	7.964	86	9.41	11.74	55.22	55.24	-0.018	89.4	89	26.227	0.34456	0
"2014-11-04	04:00:00"	10.27	76.82	8.77	16.51	7.788	80.6	10.45	13.52	55.36	55.41	-0.046	88.9	88.8	26.224	0.0163	0
"2014-11-04	05:00:00"	10.86	85.1	6.84	15.31	8.28	87.5	8.95	12.93	55.26	55.29	-0.035	88.4	88.2	26.217	0	0
"2014-11-04	06:00:00"	8.62	70.31	36.47	15.31	6.576	72.12	36.95	12.33	55.18	55.23	-0.044	88.6	88.4	26.235	0	0
"2014-11-04	07:00:00"	15.71	20.95	12.6	30.82	12.13	23.47	16.69	26.05	54.06	54.08	-0.018	88	87.8	26.279	0.26872	0.24
"2014-11-04	08:00:00"	22.95	37.65	8.34	36.19	18.33	40.68	11	29.63	47.78	48.04	-0.26	87.4	87.1	26.289	3.4854	0.06
"2014-11-04	09:00:00"	22.89	26.83	9.12	36.19	17.86	29.64	13.33	31.42	45.76	45.94	-0.174	86.2	86.2	26.322	6.9307	0.3
"2014-11-04	10:00:00"	21.77	34.48	9.37	36.19	17.27	37.14	12.08	30.82	44.01	44.2	-0.188	87.2	86.9	26.33	12.174	0.24
"2014-11-04	11:00:00"	23.92	40.75	11.56	36.19	19.22	43.88	13.31	32.61	43.07	43.37	-0.294	87.1	87.1	26.346	81.798	0.07
"2014-11-04	12:00:00"	18.86	32.81	8.43	29.03	14.85	36.14	11.52	26.05	44.18	44.57	-0.381	85.8	86.4	26.382	119.62	0
"2014-11-04	13:00:00"	17.84	40.07	8.86	24.86	14.2	43.17	10.76	21.87	45.22	45.6	-0.384	85.4	85.5	26.378	119.3	0
"2014-11-04	14:00:00"	16.43	33.37	8.57	25.45	12.85	36.51	11.64	21.87	45.68	45.97	-0.296	86.6	86.3	26.373	62.061	0
"2014-11-04	15:00:00"	15.35	38.14	9.48	21.87	12.17	41.28	11.72	19.49	45.72	45.97	-0.259	87.8	87.5	26.37	46.109	0.04
"2014-11-04	16:00:00"	13.77	30.1	18.03	20.68	10.77	32.79	20.76	18.3	45.38	45.64	-0.262	87.4	87.3	26.393	35.895	0.1
"2014-11-04	17:00:00"	15.71	36.8	7.828	22.47	12.49	40.16	10.59	18.89	44.66	44.92	-0.26	87.6	87.4	26.394	30.355	0.02
"2014-11-04	18:00:00"	13.45	27.88	9.97	21.87	10.59	30.47	14.48	18.3	44.42	44.61	-0.19	87.4	87.3	26.389	7.8367	0.01
"2014-11-04	19:00:00"	12.51	22.74	12.55	18.3	9.64	23.76	16.6	15.31	44.22	44.35	-0.133	86.8	87	26.413	0.37403	0
"2014-11-04	20:00:00"	11.39	24.71	9.41	18.89	8.86	27.12	13.81	17.1	44.14	44.19	-0.045	83.8	84.7	26.444	0.13457	0
"2014-11-04	21:00:00"	9.05	28.8	9.74	13.52	7.032	31.81	13.29	12.33	44.6	44.59	0.006	82.1	83.1	26.446	0	0
"2014-11-04	22:00:00"	8.99	31.36	9.73	14.12	7.067	33.8	12.73	11.74	44.64	44.66	-0.015	81.8	82.6	26.442	0	0
"2014-11-04	23:00:00"	7.886	31.4	13.37	12.33	6.245	34.32	16.03	10.54	44.79	44.81	-0.028	81.4	82.1	26.438	0	0
"2014-11-05	00:00:00"	7.801	7.461	17.11	11.74	5.821	7.001	19.81	9.95	44.67	44.63	0.041	78.73	79.99	26.434	0	0
"2014-11-05	01:00:00"	7.764	29.47	9.95	11.14	5.985	32.17	13.41	9.95	44.76	44.74	0.016	75.4	76.78	26.426	0	0
"2014-11-05	02:00:00"	8.57	39.66	10.99	12.33	6.797	43.54	12.43	11.14	44.58	44.62	-0.037	77.11	77.95	26.414	0	0
"2014-11-05	03:00:00"	8.16	34.66	13.28	12.93	6.383	38.06	15.48	10.54	44.57	44.57	-0.003	77.4	78.26	26.415	0	0
"2014-11-05	04:00:00"	7.251	56.05	11.5	11.14	5.601	60.09	13.61	9.95	43.87	43.97	-0.101	81.1	81.5	26.385	0	0
"2014-11-05	05:00:00"	5.718	57.32	11.81	9.35	4.475	62.38	13.48	7.561	43.77	43.89	-0.121	82	82.2	26.375	0	0
"2014-11-05	06:00:00"	4.368	33.16	25.54	6.368	3.334	34.8	28.8	5.175	43.88	43.95	-0.069	82	82.4	26.399	0	0
"2014-11-05	07:00:00"	4.051	16.36	14.28	6.368	2.994	16.7	18.25	5.771	44.58	44.59	-0.01	77.85	78.97	26.407	0	0
"2014-11-05	08:00:00"	4.813	22.67	17.31	7.561	3.589	25.94	21.62	6.368	44.81	44.85	-0.036	78.21	79.06	26.419	7.2963	0
"2014-11-05	09:00:00"	6.547	29.31	20.21	9.35	5.125	31.99	23.16	8.75	45.62	45.81	-0.193	74.7	75.37	26.428	62.541	0
"2014-11-05	10:00:00"	3.356	24.94	46.94	7.561	2.722	37.27	51.85	6.964	46.96	47.38	-0.414	72.12	71.74	26.453	162.96	0
"2014-11-05	11:00:00"	4.527	39.93	22.33	7.561	3.719	43.61	26.42	6.964	49.02	49.8	-0.775	72.37	71.41	26.437	298.95	0
"2014-11-05	12:00:00"	4.514	0.542	26.45	8.75	3.532	2.387	32.9	8.16	51.04	51.96	-0.914	70.99	69.83	26.436	302.11	0
"2014-11-05	13:00:00"	5.64	330.4	22.84	11.74	4.267	331.7	23.83	9.35	52.59	53.65	-1.061	66.54	65.57	26.422	312.26	0
"2014-11-05	14:00:00"	6.35	348	23.03	11.14	4.993	349.3	23.45	9.95	54.26	55.42	-1.164	58.04	57.3	26.406	384.78	0
"2014-11-05	15:00:00"	8.37	359	18.29	13.52	6.541	358.3	20.92	11.74	55.22	56.38	-1.165	51.2	51.15	26.392	346.61	0
"2014-11-05	16:00:00"	8.86	6.78	15.01	13.52	6.783	6.698	17.65	11.14	55.92	56.54	-0.623	51.52	52	26.388	210.39	0
"2014-11-05	17:00:00"	8.41	28.19	10.5	12.33	6.633	30.78	13.85	11.14	56.22	56.58	-0.359	52.48	53.44	26.397	170.63	0
"2014-11-05	18:00:00"	5.994	26.02	8.62	10.54	4.233	27.82	12.36	8.75	55.44	54.85	0.588	55.59	58.93	26.414	25.586	0
"2014-11-05	19:00:00"	4.655	37.01	14.6	6.368	2.546	31.47	24.21	3.982	53.47	51.89	1.58	62.05	70.32	26.435	0.18608	0
"2014-11-05	20:00:00"	3.793	71.94	12.69	5.771	2.055	63.5	23.2	3.386	52.62	51.08	1.536	64.92	73.1	26.451	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-05	21:00:00"	2.483	47.31	34.06	3.982	2.322	14.12	36.83	3.982	52.09	50.46	1.63	65.7	73.44	26.459	0	0
"2014-11-05	22:00:00"	1.937	228.1	46.37	4.578	1.785	288.5	37.81	3.386	52.05	50.06	1.986	64.82	73.48	26.474	0	0
"2014-11-05	23:00:00"	2.942	267.2	30.72	4.578	2.178	280.1	63.16	3.982	51.01	49.12	1.893	70.26	76.79	26.489	0	0
"2014-11-06	00:00:00"	5.843	311.6	12.8	10.54	3.422	328	11.91	5.771	51.07	46.62	4.456	67.68	80.3	26.485	0	0
"2014-11-06	01:00:00"	7.365	328.2	5.342	9.95	3.776	328.5	9.22	6.368	48.11	46.27	1.841	74.83	81	26.487	0	0
"2014-11-06	02:00:00"	7.441	329.8	9.97	9.95	4.031	331.3	13.7	7.561	48.58	47.06	1.526	72.07	78.43	26.494	0	0
"2014-11-06	03:00:00"	6.654	347.9	8.1	9.35	4.106	349	11.12	6.368	48.64	47.78	0.859	71.03	75.01	26.499	0	0
"2014-11-06	04:00:00"	5.499	341.6	6.318	7.561	3.136	344.1	9.3	4.578	49.05	47.93	1.123	69.47	74.87	26.512	0	0
"2014-11-06	05:00:00"	9.1	351.7	13.29	11.74	6.266	351	12.62	9.95	48.42	47.85	0.569	71.2	73.72	26.513	0	0
"2014-11-06	06:00:00"	9.35	4.995	11.03	12.93	6.711	2.386	14.44	9.95	47.88	47.45	0.435	67.75	69.65	26.526	0	0
"2014-11-06	07:00:00"	10.12	12.61	6.124	14.12	7.195	10.69	12.63	10.54	47.9	47.45	0.447	64.06	66.01	26.531	0.00575	0
"2014-11-06	08:00:00"	11.08	16.24	5.412	15.31	7.918	15.46	11.82	12.33	47.66	47.29	0.367	63.08	64.99	26.544	11.351	0
"2014-11-06	09:00:00"	10.72	22.51	7.751	14.72	8	24.13	13.31	13.52	48.27	48.1	0.175	59.59	61.08	26.56	55.74	0
"2014-11-06	10:00:00"	10.83	32.92	7.722	15.31	8.56	36.39	11.19	14.12	50.87	50.91	-0.037	52.84	54.11	26.582	157.13	0
"2014-11-06	11:00:00"	8.83	47.84	11.05	12.33	7.192	50.67	12.53	11.14	54.36	54.71	-0.356	44.33	45.54	26.599	277.16	0
"2014-11-06	12:00:00"	9.04	74.87	14.47	13.52	7.048	78.23	16.55	11.74	57.98	58.52	-0.54	31.19	32.5	26.6	432.21	0
"2014-11-06	13:00:00"	8.56	76.21	14.73	13.52	6.717	79.16	16.31	12.33	59.92	60.44	-0.52	28.09	29.31	26.581	403.69	0
"2014-11-06	14:00:00"	9.38	98.6	22.52	15.91	7.393	101.8	23.95	15.91	61	61.39	-0.399	28.93	30.1	26.561	384.15	0
"2014-11-06	15:00:00"	7.885	97.1	19.36	15.91	6.42	99.2	22.01	14.12	62.06	62.58	-0.52	29.7	30.23	26.55	501.36	0
"2014-11-06	16:00:00"	7.5	92.4	17.69	12.33	5.94	95.7	18.25	9.95	61.91	62.1	-0.197	30.77	31.7	26.538	262.41	0
"2014-11-06	17:00:00"	5.53	114.4	12.79	8.75	4.12	117.6	14.69	7.561	60.96	60.62	0.335	35.52	37.6	26.538	92.569	0
"2014-11-06	18:00:00"	5.427	130.1	15.19	8.75	3.284	133.3	14.5	5.771	58.66	57.17	1.484	43.13	49.85	26.544	14.845	0
"2014-11-06	19:00:00"	3.497	213.4	31.72	5.771	2.166	216.2	33.97	4.578	56.6	55.46	1.133	49.48	54.07	26.557	0.21962	0
"2014-11-06	20:00:00"	4.676	259.7	12.26	6.368	2.919	267.9	10.27	3.982	55.31	53.65	1.662	51.98	56.96	26.564	0	0
"2014-11-06	21:00:00"	5.819	317.7	19.89	9.95	2.979	323.7	24.19	5.771	53.47	50.2	3.276	54.38	66.98	26.554	0	0
"2014-11-06	22:00:00"	4.211	293.8	13.52	6.368	1.961	311.9	14.82	4.578	53.56	48.77	4.791	49.37	68.05	26.543	0	0
"2014-11-06	23:00:00"	4.323	303.2	12.85	5.771	2.839	338.4	20.27	4.578	52.36	46.86	5.499	51.53	67.91	26.533	0	0
"2014-11-07	00:00:00"	5.609	299.5	9.14	7.561	2.819	319	11.27	3.982	52.16	45.85	6.305	49.45	68.12	26.526	0	0
"2014-11-07	01:00:00"	7.374	306.3	5.232	9.95	3.622	319	8.07	6.368	49.66	44.64	5.016	54.9	70.72	26.514	0	0
"2014-11-07	02:00:00"	8.23	312.8	6.033	10.54	4.148	324.6	10.56	6.368	48.93	44.63	4.298	55.96	69.8	26.503	0	0
"2014-11-07	03:00:00"	9.07	317.2	3.233	11.14	4.4	324.3	7.562	6.368	49.25	44.54	4.713	53.08	67.07	26.485	0	0
"2014-11-07	04:00:00"	8.34	309.5	4.118	10.54	4.026	317.4	17.94	6.964	48.08	43.55	4.535	54.53	67.75	26.463	0	0
"2014-11-07	05:00:00"	8.87	307.8	3.966	10.54	4.344	320.8	6.361	6.368	47.29	42.25	5.036	56.02	70.96	26.441	0	0
"2014-11-07	06:00:00"	8.02	311.9	5.944	9.95	3.436	313.4	23.67	5.771	44.66	41.24	3.419	64.72	74.25	26.43	0	0
"2014-11-07	07:00:00"	7.714	314.9	5.327	9.35	3.663	322.2	21.25	5.771	45.16	40.79	4.367	63.5	75.04	26.417	0.05459	0
"2014-11-07	08:00:00"	3.459	268.1	27.99	6.368	1.464	294	42.63	4.578	45.69	42.93	2.763	62.24	69.76	26.412	36.378	0
"2014-11-07	09:00:00"	3.488	248.7	11.73	5.175	2.395	251	13.66	3.982	47.37	47.51	-0.134	62.14	64.19	26.428	209.87	0
"2014-11-07	10:00:00"	6.411	220.7	19.3	13.52	5.315	222.4	21.49	12.33	52.92	53.46	-0.542	55.53	55.06	26.421	390.95	0
"2014-11-07	11:00:00"	12.79	211.9	14.56	21.87	10.17	213.4	16.92	20.09	55.41	56.06	-0.655	48.33	47.48	26.413	540.22	0
"2014-11-07	12:00:00"	15.69	205.5	14.66	24.26	12.33	206.8	16.86	19.49	56.07	56.99	-0.922	47.51	46.37	26.391	641.02	0
"2014-11-07	13:00:00"	14.84	208.3	13.84	22.47	11.72	210.7	16.71	20.68	57.19	58.2	-1.012	50.31	48.73	26.344	680.34	0
"2014-11-07	14:00:00"	14.9	202	14.33	21.87	11.74	203.1	16.9	18.89	58.69	59.82	-1.127	50.33	48.64	26.289	643.64	0
"2014-11-07	15:00:00"	14.4	213.9	15.6	23.07	11.33	215.2	18.5	20.09	60.36	61.22	-0.86	49.62	47.86	26.266	569.53	0
"2014-11-07	16:00:00"	14.77	209.2	14.99	23.07	11.8	209.9	17.06	19.49	61.57	62.17	-0.6	48.06	46.49	26.244	429.45	0
"2014-11-07	17:00:00"	14.98	202.6	12.21	21.28	11.73	203.8	14.33	17.7	61.69	61.95	-0.26	51.43	50.27	26.228	251.29	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-07	18:00:00"	12.14	195.5	8.66	19.49	9.22	199.7	11.32	15.91	60.57	60.27	0.3	57.11	56.93	26.213	66.001		0
"2014-11-07	19:00:00"	8.35	191.5	7.766	13.52	5.774	198.6	11.28	9.35	56.87	56.08	0.793	66.43	67.47	26.21	0.38203		0
"2014-11-07	20:00:00"	9.5	192.7	7.12	14.72	6.7	199.8	11	12.33	54.72	54.01	0.71	72.09	72.99	26.211	0		0
"2014-11-07	21:00:00"	9.27	197.9	8.48	12.33	6.84	203	10.56	9.95	53.64	53.13	0.518	74.82	75.18	26.212	0		0
"2014-11-07	22:00:00"	9.29	200.4	9.25	12.33	6.855	203.4	10.64	9.95	52.72	52.24	0.481	77.44	77.62	26.211	0		0
"2014-11-07	23:00:00"	9.24	200.7	8.85	11.74	6.962	203.8	10.03	9.95	51.56	51.16	0.407	81.8	81.7	26.21	0		0
"2014-11-08	00:00:00"	7.194	208.6	11.64	11.14	5.628	204.7	12.79	9.35	50.87	50.5	0.373	84	83.9	26.211	0		0
"2014-11-08	01:00:00"	6.203	230.4	13.03	9.35	4.67	235.4	18.42	7.561	50.14	49.72	0.427	85.2	85	26.217	0		0
"2014-11-08	02:00:00"	6.646	255.9	13.99	9.35	4.422	263.8	16.94	6.964	50.08	49.11	0.968	85.1	85.5	26.224	0		0
"2014-11-08	03:00:00"	9.13	322.6	23.91	13.52	4.83	327	20.71	11.14	48.78	46.53	2.252	84.2	86.5	26.237	0		0
"2014-11-08	04:00:00"	17.52	14.81	7.834	29.03	12.8	14.45	14.87	26.05	49.3	48.46	0.842	77.72	79.85	26.258	0		0
"2014-11-08	05:00:00"	22.42	22.93	6.654	33.21	16.75	24.95	12.53	27.84	50.85	50.04	0.816	64.73	66.52	26.296	0		0
"2014-11-08	06:00:00"	22.8	26.69	6.967	34.4	17.36	28.96	12.15	29.03	51.72	50.96	0.758	57.01	58.09	26.335	0		0
"2014-11-08	07:00:00"	23	24.68	7.319	33.21	17.39	27.58	13	29.63	51.32	50.58	0.739	56.17	57.07	26.38	0.03088		0
"2014-11-08	08:00:00"	22.65	22.16	6.345	30.82	16.92	24.35	12.59	27.24	50	49.42	0.587	58.53	59.3	26.423	34.12		0
"2014-11-08	09:00:00"	24.2	26.88	7.456	33.8	18.55	29.64	12.09	31.42	51.43	51.34	0.09	55.34	55.3	26.457	205.81		0
"2014-11-08	10:00:00"	24.47	37.18	8.09	35	19.33	40.19	11.13	30.22	54.07	54.39	-0.317	50.06	49.54	26.479	389.57		0
"2014-11-08	11:00:00"	21.45	46.11	9.89	33.21	16.99	49.1	12.07	31.42	56.34	57.02	-0.686	46.15	45.24	26.487	541.62		0
"2014-11-08	12:00:00"	19.1	44.21	11.97	28.43	15.27	47.49	13.69	24.26	58.36	59.37	-1.003	43.29	42	26.498	643.46		0
"2014-11-08	13:00:00"	16.09	45.6	14.24	23.66	12.84	48.84	16.32	21.28	59.69	60.96	-1.265	41.08	39.67	26.497	680.35		0
"2014-11-08	14:00:00"	13.95	43.95	16.26	20.09	11.07	47.08	19.01	18.89	60.38	61.85	-1.47	41.44	39.68	26.475	641.43		0
"2014-11-08	15:00:00"	12.15	36.79	15.79	20.09	9.84	40.11	18.95	17.1	60.72	62.08	-1.36	41.89	40.09	26.462	564.25		0
"2014-11-08	16:00:00"	8.77	46.8	22.41	14.72	6.885	50.94	24.57	12.33	60.97	62.13	-1.159	41.78	40.09	26.455	423.58		0
"2014-11-08	17:00:00"	7.451	58.54	20.07	14.72	6.052	61.6	22.28	11.74	61.03	61.55	-0.527	41.33	40.26	26.454	246.55		0
"2014-11-08	18:00:00"	4.772	33.88	16.55	9.35	3.515	31.11	22.96	7.561	60.42	59.53	0.896	42.44	44.66	26.454	62.319		0
"2014-11-08	19:00:00"	2.752	63.45	23.78	3.982	2.138	47.65	22.16	2.789	59.54	56.79	2.748	43.22	49.04	26.451	0.32969		0
"2014-11-08	20:00:00"	3.489	143.3	14.24	5.771	1.585	113.8	33.8	2.789	57.34	54.24	3.096	47.71	54.36	26.448	0		0
"2014-11-08	21:00:00"	3.835	180.8	22.75	5.771	1.859	186.1	71.25	4.578	55.88	53.37	2.508	50.31	56.73	26.456	0		0
"2014-11-08	22:00:00"	3.935	228.7	14.61	5.771	2.355	228.6	24.79	3.982	52.79	51.62	1.173	59.73	62.32	26.452	0		0
"2014-11-08	23:00:00"	4.102	225.8	13.2	6.368	2.577	221.2	23.63	4.578	51.55	50.38	1.167	63.31	65.94	26.446	0		0
"2014-11-09	00:00:00"	5.91	244	6.276	7.561	3.712	254.9	9.5	5.771	50.77	49.17	1.6	63.51	67.65	26.431	0		0
"2014-11-09	01:00:00"	6.041	236.5	9.64	8.75	4.255	242.7	11.84	6.964	48.97	48.2	0.766	67.6	69.05	26.412	0		0
"2014-11-09	02:00:00"	6.059	237.5	13.3	8.75	4.285	244.1	17.19	6.964	47.51	46.82	0.691	70.19	71.28	26.391	0		0
"2014-11-09	03:00:00"	8.32	243.9	11.73	12.93	5.925	249.9	14.73	10.54	47.74	46.97	0.776	68.61	69.9	26.377	0		0
"2014-11-09	04:00:00"	6.442	231.8	13.39	11.74	4.771	232.7	15.99	8.75	46.42	45.87	0.55	71.09	71.62	26.35	0		0
"2014-11-09	05:00:00"	6.741	238.3	11.25	11.14	4.875	242.5	13.99	8.75	46.16	45.55	0.608	71.78	72.46	26.331	0		0
"2014-11-09	06:00:00"	6.414	224.2	16.9	10.54	4.552	221.8	21.8	7.561	45.11	44.44	0.674	74.01	74.73	26.326	0		0
"2014-11-09	07:00:00"	7.511	215.4	12.67	11.74	5.501	210.4	15.31	9.95	45.12	44.43	0.694	73.64	74.48	26.319	0.04001		0
"2014-11-09	08:00:00"	9.46	222.2	14.08	15.91	7.184	226.7	16.89	12.93	45.01	44.7	0.317	74.74	74.72	26.315	36.293		0
"2014-11-09	09:00:00"	8.27	241.1	12.12	12.93	6.535	245.9	14.84	11.74	46.26	46.44	-0.179	76.59	75.91	26.319	215.68		0
"2014-11-09	10:00:00"	11.37	237.7	11.41	17.1	9.29	243.4	13.95	15.31	54.58	54.89	-0.311	62.36	61.21	26.309	403.31		0
"2014-11-09	11:00:00"	13.22	236.7	12.56	21.28	10.75	241.3	15.92	18.3	59.67	60.21	-0.545	50.39	48.88	26.288	560.16		0
"2014-11-09	12:00:00"	16.07	235.5	13.17	26.05	12.91	240.3	16.11	21.28	63.46	64.09	-0.633	41.76	40.12	26.261	665.34		0
"2014-11-09	13:00:00"	16.58	238.8	13.41	24.86	13.24	243.5	16.45	21.28	66.14	66.91	-0.771	38.06	36.47	26.224	703.57		0
"2014-11-09	14:00:00"	17.08	234.3	16.26	30.82	13.58	237.2	19.43	27.24	69.13	69.9	-0.761	31.56	29.96	26.185	662.94		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-11-09	15:00:00"	17.89	227.3	14	28.43	14.15	229.9	17.14	24.86	70.66	71.15	-0.491	26.54	25	26.156	587.41		0	
"2014-11-09	16:00:00"	18.82	229.4	13.94	29.03	15.21	233	16.76	29.03	70.79	71.12	-0.33	25.35	23.83	26.136	441.73		0	
"2014-11-09	17:00:00"	16.39	225.9	13.37	27.84	13.14	227.3	15.77	21.87	70.03	70.06	-0.026	26.31	24.94	26.118	245.88		0	
"2014-11-09	18:00:00"	11.91	219.6	14.22	21.87	9.58	218.5	17.08	17.7	67.84	67.51	0.335	31.09	30.05	26.102	70.345		0	
"2014-11-09	19:00:00"	8.24	214.4	13.31	14.72	6.229	214.6	15.79	11.74	62.65	61.99	0.665	38.22	37.78	26.098	0.48818		0	
"2014-11-09	20:00:00"	8.46	209.5	14.09	14.72	6.308	208.8	14.58	10.54	58.92	58.16	0.768	44.14	44.18	26.092	0		0	
"2014-11-09	21:00:00"	11.57	210.6	17.4	19.49	9	208.9	18.7	15.31	58.09	57.42	0.669	46.39	46.2	26.083	0		0	
"2014-11-09	22:00:00"	11.51	221.6	13.07	18.3	8.99	223.5	15.12	15.31	57.98	57.54	0.44	49.78	49.12	26.077	0		0	
"2014-11-09	23:00:00"	11.97	215.5	14.21	18.3	9.62	214.4	15.72	14.72	56.42	55.99	0.426	54.95	54.39	26.061	0		0	
"2014-11-10	00:00:00"	11.14	214.2	13.11	18.3	8.72	215.9	16.38	14.72	56.26	55.82	0.446	56.69	56.23	26.045	0		0	
"2014-11-10	01:00:00"	9.65	230.1	12.63	15.91	7.433	233.8	15.01	13.52	54.14	53.66	0.47	63.66	63.41	26.036	0		0	
"2014-11-10	02:00:00"	9.27	231.2	12.06	14.12	7.047	235	14.73	11.14	54.07	53.58	0.488	66.19	66.09	26.023	0		0	
"2014-11-10	03:00:00"	9.17	222.4	13.74	13.52	7.018	224.7	15.61	11.74	51.63	51.21	0.417	70.45	70.34	26.007	0		0	
"2014-11-10	04:00:00"	7.614	229	13.31	11.74	5.687	229.9	17.4	9.35	50.6	50.06	0.542	72.06	72.29	25.998	0		0	
"2014-11-10	05:00:00"	8.12	230.5	11.94	12.93	6.506	235	14.16	11.14	50.19	49.69	0.504	72.44	72.58	25.992	0		0	
"2014-11-10	06:00:00"	9.63	220.6	12.83	14.72	7.26	222.1	14.28	12.33	49.74	49.29	0.444	73.07	73.04	25.984	0		0	
"2014-11-10	07:00:00"	8.88	221	14.76	14.12	6.769	222.6	18.2	11.74	48.54	48.16	0.374	75.97	75.87	25.981	0.02992		0	
"2014-11-10	08:00:00"	7.516	229.4	12.61	13.52	5.663	233.5	15.08	12.33	47.43	47.13	0.302	78.62	78.49	25.987	33.164		0	
"2014-11-10	09:00:00"	6.703	211.6	12.61	12.33	5.392	212.3	15.79	10.54	49.78	50.01	-0.234	75.12	74.23	26.002	205.59		0	
"2014-11-10	10:00:00"	10.17	227.2	13.72	17.7	8.4	229.4	15.18	18.3	56.56	56.85	-0.285	63.68	62.38	26.006	388.89		0	
"2014-11-10	11:00:00"	15.21	247.3	11.99	26.05	11.96	252.5	15.15	21.87	65.41	65.88	-0.467	44.85	43.35	25.998	541.74		0	
"2014-11-10	12:00:00"	21	263.9	10.84	34.4	15.7	271.3	12.98	28.43	71.45	72.14	-0.692	32.08	30.62	25.983	643.88		0	
"2014-11-10	13:00:00"	22.68	265.4	10.45	32.01	17.13	272.2	12.44	27.84	74.25	75.01	-0.759	27.23	25.7	25.957	678.94		0	
"2014-11-10	14:00:00"	24.27	260.1	10.34	35	18.18	268.3	13.23	29.63	75.89	76.62	-0.732	23.09	21.57	25.927	636.83		0	
"2014-11-10	15:00:00"	22.36	260	10.7	31.42	16.83	266.6	14.1	26.65	76.32	76.95	-0.624	22.57	21.05	25.913	564.21		0	
"2014-11-10	16:00:00"	21.47	254	10.46	33.8	16.09	260.5	14.56	26.05	76.39	76.77	-0.375	22.54	21.11	25.904	419.28		0	
"2014-11-10	17:00:00"	21.3	251.5	9.48	30.82	16.01	256.9	13.9	29.03	76.19	76.13	0.061	20.27	18.99	25.896	247.04		0	
"2014-11-10	18:00:00"	13.6	244.8	11.85	26.65	10.42	249.2	14.97	22.47	74.03	73.44	0.589	22.09	21.09	25.898	60.025		0	
"2014-11-10	19:00:00"	11.04	236.5	11.57	21.87	8.52	242.2	14.13	20.09	69.67	68.94	0.73	26.23	25.42	25.908	0.27143		0	
"2014-11-10	20:00:00"	10.44	238.6	11.74	15.31	7.89	243.9	14.93	12.33	65.43	64.62	0.81	33.16	32.71	25.921	0		0	
"2014-11-10	21:00:00"	13.12	258.9	10.38	20.09	9.58	266.1	12.85	15.91	63.72	62.8	0.914	33.99	33.77	25.939	0		0	
"2014-11-10	22:00:00"	10.88	258.5	9.08	20.68	7.951	267.8	11.37	18.3	63.01	62.09	0.917	33.82	33.61	25.961	0		0	
"2014-11-10	23:00:00"	7.943	242.9	14.64	12.33	5.6	245.6	18.71	10.54	60.09	58.94	1.158	37.39	37.83	25.989	0		0	
"2014-11-11	00:00:00"	10.06	258.7	14.65	17.1	6.738	263.1	16.82	14.72	61.67	59.96	1.71	34.55	35.77	26.004	0		0	
"2014-11-11	01:00:00"	25.32	20.89	15.01	38.57	19.27	23.68	17.86	31.42	47.72	47.34	0.377	47.15	46.7	26.073	0		0	
"2014-11-11	02:00:00"	24.81	29.52	7.329	37.38	19.24	33.11	11.36	30.82	41.04	41.02	0.018	48.78	47.91	26.117	0		0	
"2014-11-11	03:00:00"	22.79	29.72	9.08	33.8	17.6	32.29	13.54	28.43	37.95	37.95	-0.003	50.15	49.29	26.151	0		0	
"2014-11-11	04:00:00"	23.44	26	7.145	33.8	17.79	28.2	12	29.03	35.02	35.07	-0.054	49.55	48.77	26.169	0.00422		0	
"2014-11-11	05:00:00"	18.72	25.27	8.13	30.82	14.15	27.6	13.63	26.65	33.16	33.18	-0.02	50.94	50.27	26.21	0.03004		0	
"2014-11-11	06:00:00"	17.28	18.57	8.75	27.24	12.98	18.97	14.83	24.86	31.71	31.69	0.019	52.36	51.86	26.247	0.0096		0	
"2014-11-11	07:00:00"	15.93	15.3	8.89	26.65	11.9	14.66	14.85	21.87	30.09	30.06	0.035	52.73	52.33	26.291	0.08179		0	
"2014-11-11	08:00:00"	17.58	20.06	8.11	26.05	13.12	21.13	14.76	24.26	28.59	28.73	-0.139	54.67	54.01	26.331	28.79		0	
"2014-11-11	09:00:00"	14.89	14.74	10.48	21.87	11.25	15.53	17.04	18.89	29.25	30.02	-0.768	53.51	51.79	26.369	195.23		0	
"2014-11-11	10:00:00"	17.17	24.32	9.65	23.07	13.29	26.86	15.95	19.49	29.82	31.22	-1.397	50.66	48.01	26.375	377.56		0	
"2014-11-11	11:00:00"	14.08	29.49	12.9	21.28	11.25	31.89	17.66	18.3	31.76	33.59	-1.829	46.65	43.59	26.379	529.85		0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-11-11	12:00:00"	11.35	37.34	15.71	17.7	9.28	40.85	19.79	16.51	33.95	36.08	-2.122	43.8	40.55	26.368	634.31	0
"2014-11-11	13:00:00"	9.11	42.05	21.51	15.91	7.427	44.74	24.88	13.52	36.61	38.77	-2.167	41.9	38.84	26.346	676.04	0
"2014-11-11	14:00:00"	6.837	59.74	28.85	12.93	5.606	63.05	33.3	12.33	38.81	40.52	-1.713	39.94	37.48	26.322	637.58	0
"2014-11-11	15:00:00"	6.332	71.31	36.21	13.52	5.204	72.33	46.15	13.52	40.97	42.49	-1.522	38.19	36.01	26.302	561.96	0
"2014-11-11	16:00:00"	5.635	106.5	43.66	11.74	4.691	110.3	45.73	9.95	42.41	43.65	-1.239	37.41	35.52	26.295	420.48	0
"2014-11-11	17:00:00"	6.321	110.2	17.72	11.14	5.258	111.4	20.52	9.95	42.71	43.48	-0.77	37.73	36.12	26.289	241.6	0
"2014-11-11	18:00:00"	7.37	112.1	9.69	11.14	5.556	114.5	12.67	8.75	41.95	42.17	-0.223	39.44	38.87	26.289	57.266	0
"2014-11-11	19:00:00"	7.555	97.2	5.771	8.75	4.011	93.7	8.93	5.771	38.86	37.51	1.343	47.27	52.76	26.288	0.25654	0
"2014-11-11	20:00:00"	8.03	91.3	2.974	9.35	4.335	88.7	6.273	5.771	36.35	35.01	1.345	54.33	59.85	26.291	0.00278	0
"2014-11-11	21:00:00"	7.564	85.5	3.851	8.75	4.214	82.6	7.474	5.771	34.22	33.34	0.879	61.67	65.1	26.3	0.01612	0
"2014-11-11	22:00:00"	8.13	76.88	6.244	10.54	5.369	77.43	8.68	8.16	33.4	32.98	0.42	64.07	65.46	26.31	0.04607	0
"2014-11-11	23:00:00"	9.1	79.17	7.177	12.33	6.541	80.6	8.78	10.54	33.14	32.97	0.162	61.94	62.19	26.33	0.03695	0
"2014-11-12	00:00:00"	11.99	83.3	7.16	17.7	8.8	85.2	9.62	15.31	32.95	32.87	0.084	55.93	55.81	26.346	0.08714	0
"2014-11-12	01:00:00"	12.85	81.1	8.47	20.68	9.56	83.4	10.43	18.3	31.6	31.57	0.031	51.43	50.95	26.366	0.09146	0
"2014-11-12	02:00:00"	15.13	75.51	7.618	24.26	11.48	78.84	9.34	21.28	29.93	29.93	0.007	48.39	47.71	26.38	0.11633	0
"2014-11-12	03:00:00"	14.8	78.54	7.458	21.87	11.19	80.6	9.51	18.3	28.35	28.39	-0.036	49.51	48.61	26.406	0.1035	0
"2014-11-12	04:00:00"	12.55	69.67	8.29	18.89	9.27	73.93	10.81	15.31	26.95	26.99	-0.038	52.62	51.88	26.42	0.10637	0
"2014-11-12	05:00:00"	13.58	67.91	7.973	19.49	9.92	72.73	10.81	15.91	25.82	25.94	-0.117	52.34	51.55	26.428	0.04579	0
"2014-11-12	06:00:00"	15.18	60.21	9.2	23.66	11.42	64.17	11.92	20.09	25.15	25.41	-0.266	51.14	50.15	26.434	0.02093	0
"2014-11-12	07:00:00"	14.92	64.05	8.58	23.66	11	68.45	11.58	19.49	24.24	24.45	-0.208	47.55	46.61	26.448	0.04099	0
"2014-11-12	08:00:00"	11.85	63.72	9.06	18.89	8.79	67.99	12.1	15.91	23.58	23.8	-0.224	49.45	48.59	26.458	23.015	0
"2014-11-12	09:00:00"	13.22	56.92	10.49	20.68	10.15	60.33	12.63	18.3	24.25	24.77	-0.521	45.7	44.5	26.488	111.27	0
"2014-11-12	10:00:00"	14.62	50.08	13.39	21.28	11.64	53.51	15.67	20.09	25.65	26.89	-1.244	41.85	39.66	26.506	364.07	0
"2014-11-12	11:00:00"	13.32	58.68	13.59	21.87	10.64	62.69	15.73	15.91	27.17	28.78	-1.61	40.43	37.94	26.512	512.44	0
"2014-11-12	12:00:00"	12.77	65.14	15.44	22.47	10.09	69.36	17.58	19.49	28.57	30.5	-1.936	39.54	36.86	26.505	614.66	0
"2014-11-12	13:00:00"	12.38	57.54	18.81	20.68	10.01	61.17	20.81	18.89	30.77	32.92	-2.148	39.57	36.69	26.482	656.26	0
"2014-11-12	14:00:00"	12.37	60.07	14.18	20.09	9.88	63.52	15.98	16.51	31.34	32.96	-1.621	38.76	36.35	26.462	400.83	0
"2014-11-12	15:00:00"	11.95	51.02	15.54	20.09	9.51	54.22	17.6	19.49	31.76	33.13	-1.375	39.27	37.16	26.449	282.19	0
"2014-11-12	16:00:00"	12.4	44.95	13.98	19.49	9.98	48.35	16.4	17.7	31.89	33.11	-1.213	38.27	36.38	26.454	223.16	0
"2014-11-12	17:00:00"	11.92	43.08	12.83	18.3	9.62	46.59	14.94	15.91	31.69	32.59	-0.896	37.92	36.37	26.456	100.92	0
"2014-11-12	18:00:00"	13.13	47.03	11.48	18.89	10.38	50.42	13.31	16.51	30.23	30.81	-0.586	37.64	36.38	26.463	21.998	0
"2014-11-12	19:00:00"	13.04	48.55	9.9	18.89	10.47	51.9	11.39	16.51	28.69	29.13	-0.446	39.06	37.86	26.479	0.2718	0
"2014-11-12	20:00:00"	12.97	51.51	9.93	18.3	10.22	54.86	11.6	15.91	27.5	27.96	-0.459	40.33	39.02	26.504	0.10577	0
"2014-11-12	21:00:00"	13.63	51.53	10.46	18.89	10.76	54.68	12.05	15.91	26.54	26.96	-0.427	41.86	40.42	26.523	0.05424	0
"2014-11-12	22:00:00"	13.45	56.15	9.94	19.49	10.33	60.39	12.45	17.1	25.72	26.15	-0.427	43.82	42.36	26.534	0.0936	0
"2014-11-12	23:00:00"	13.99	53.61	9.87	20.68	10.91	56.93	11.99	18.3	25.21	25.63	-0.423	45.57	44.12	26.551	0.01728	0
"2014-11-13	00:00:00"	15.48	50.7	10.72	22.47	12.03	54.45	12.63	18.3	24.09	24.5	-0.409	43.31	41.92	26.56	0.012	0
"2014-11-13	01:00:00"	14.65	40.54	8.74	21.28	11.64	44.1	10.56	17.7	23.18	23.58	-0.401	39.62	38.54	26.569	0.00624	0
"2014-11-13	02:00:00"	14.17	43.23	10.21	18.89	11.13	46.08	12.04	17.7	22.74	23.14	-0.396	39.63	38.48	26.574	0.01709	0
"2014-11-13	03:00:00"	14.37	38.66	9.19	20.09	11.37	41.72	11.37	17.7	22.2	22.59	-0.388	45.45	44.03	26.579	0.01335	0
"2014-11-13	04:00:00"	13.4	37.94	8.76	18.3	10.53	41.41	11.31	16.51	21.85	22.25	-0.4	45.96	44.65	26.581	0.00605	0
"2014-11-13	05:00:00"	13.15	39.91	8.34	18.89	10.49	43.02	10.64	16.51	21.3	21.7	-0.407	44.88	43.58	26.586	0.00336	0
"2014-11-13	06:00:00"	11.65	41.8	9.19	15.91	9.22	44.99	11.38	13.52	20.69	21.14	-0.445	46.15	44.84	26.586	0.00173	0
"2014-11-13	07:00:00"	10.48	42.55	11.06	15.31	8.28	45.66	12.94	12.93	20.26	20.72	-0.465	52.23	50.73	26.593	0.00951	0
"2014-11-13	08:00:00"	9.41	48.74	12.55	13.52	7.471	52.87	14.45	11.74	20	20.5	-0.506	57.22	55.63	26.601	6.3488	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-13	09:00:00"	8.81	52.24	15.42	12.33	6.956	56.29	17.22	10.54	20.28	20.89	-0.61	58.85	57.1	26.614	42.814	0	
"2014-11-13	10:00:00"	8.63	58.14	11.34	12.33	6.943	61.88	14.21	11.14	20.78	21.54	-0.761	58.58	56.54	26.626	96.019	0	
"2014-11-13	11:00:00"	7.816	54.89	15.15	13.52	6.282	57.71	17.66	11.74	21.29	22.24	-0.955	59.77	57.33	26.62	156.22	0	
"2014-11-13	12:00:00"	6.945	62.4	16.76	14.72	5.633	66.22	18.58	14.12	21.8	22.84	-1.04	60.62	57.97	26.61	201.25	0	
"2014-11-13	13:00:00"	5.273	77.75	25.83	10.54	4.25	82.2	28.59	9.35	22.8	23.73	-0.935	59.14	56.65	26.584	231.87	0	
"2014-11-13	14:00:00"	5.002	66.23	28.73	10.54	3.952	69.95	32.3	8.75	23.43	24.41	-0.978	57.24	54.71	26.547	207.81	0	
"2014-11-13	15:00:00"	5.651	64.64	20.42	9.95	4.561	68.94	24.39	8.75	24.21	25.3	-1.086	55.93	53.34	26.523	213.98	0	
"2014-11-13	16:00:00"	6.07	75.69	20.86	9.95	4.942	77.94	23.43	9.35	24.92	25.94	-1.022	55.06	52.51	26.501	165.85	0	
"2014-11-13	17:00:00"	5.529	101.2	24.53	9.95	4.462	104.7	27.11	8.16	25.32	26.03	-0.708	55.05	52.95	26.481	81.07	0	
"2014-11-13	18:00:00"	5.391	106.6	17.64	9.95	4.355	106.6	22.15	8.16	25.45	25.95	-0.503	55.56	53.83	26.478	16.102	0	
"2014-11-13	19:00:00"	7.048	105.1	12.66	11.14	5.594	107	14.95	8.75	25.71	26.2	-0.49	53.75	52.22	26.471	0.18913	0	
"2014-11-13	20:00:00"	7.864	104.3	9.53	11.14	6.249	106.3	11.79	9.95	25.9	26.35	-0.445	52.1	50.62	26.469	0.13662	0	
"2014-11-13	21:00:00"	8.68	114.5	9.32	12.93	6.734	116.9	12.63	11.14	26.19	26.58	-0.394	50.57	49.2	26.467	0.12836	0	
"2014-11-13	22:00:00"	9.49	113.7	8.8	12.33	7.4	115.9	11.86	10.54	26.33	26.71	-0.375	49.88	48.52	26.46	0.11809	0	
"2014-11-13	23:00:00"	9.83	124.4	9.43	13.52	7.442	127.2	11.61	11.74	26.57	26.97	-0.398	49.35	47.98	26.449	0.12078	0	
"2014-11-14	00:00:00"	9.62	128.7	11.63	13.52	7.31	130.6	13.24	11.74	26.45	26.72	-0.276	49.14	47.97	26.443	0.13633	0	
"2014-11-14	01:00:00"	6.926	116.2	10.02	10.54	4.818	116.2	12.15	8.16	24.66	24.57	0.095	55.19	55.14	26.43	0.07767	0	
"2014-11-14	02:00:00"	6.842	110	6.978	9.35	4.661	109.3	10.04	7.561	23.46	23.37	0.094	60.44	60.68	26.405	0.0265	0	
"2014-11-14	03:00:00"	5.972	110.4	6.816	8.75	3.891	107.9	9.67	5.771	22.83	22.66	0.176	60.98	61.93	26.391	0.0145	0	
"2014-11-14	04:00:00"	7.027	115.2	7.795	11.14	4.835	115.6	10.95	8.75	22.8	22.66	0.136	58.88	59.65	26.377	0.01565	0	
"2014-11-14	05:00:00"	9.34	126.3	7.978	12.93	6.774	128.5	9.97	10.54	22.96	22.96	0.001	55.23	55.05	26.357	0.01364	0	
"2014-11-14	06:00:00"	8.53	119.1	11.32	12.93	6.275	121.5	13.1	9.95	22.9	22.91	-0.002	53.68	53.34	26.355	0.00989	0	
"2014-11-14	07:00:00"	8.75	116.4	7.952	12.33	6.369	119.5	10.82	9.95	22.48	22.47	0.01	55.2	54.9	26.35	0.02583	0	
"2014-11-14	08:00:00"	7.773	116.6	10.36	12.33	5.699	118.9	12.63	10.54	22.33	22.44	-0.114	57.58	57.03	26.351	30.62	0	
"2014-11-14	09:00:00"	11.31	130.3	10.65	17.1	8.46	131.9	11.82	12.93	24.59	25.15	-0.564	54.16	52.54	26.361	139.72	0	
"2014-11-14	10:00:00"	11.39	147	13.14	17.1	8.99	148.3	14.01	14.72	27.45	28.37	-0.92	50.26	47.92	26.377	349.5	0	
"2014-11-14	11:00:00"	11.22	163.2	14.59	17.7	8.98	163.2	16.57	14.72	30.44	31.75	-1.315	47.56	44.62	26.375	518.29	0	
"2014-11-14	12:00:00"	9.98	160.3	17.71	14.72	8	161.1	18.17	13.52	34.13	35.69	-1.555	44.86	41.68	26.35	619.88	0	
"2014-11-14	13:00:00"	10.23	156	16.58	20.68	8.3	156.7	18.79	15.91	37.45	39	-1.547	42.89	39.68	26.315	649.6	0	
"2014-11-14	14:00:00"	11.46	165.1	15.85	18.3	9.19	165.7	18.2	14.12	40.2	41.86	-1.657	41.54	38.49	26.283	615.89	0	
"2014-11-14	15:00:00"	11.26	167.6	14.09	18.3	8.98	167.1	16.22	15.91	42.91	44.42	-1.51	39.84	37.26	26.248	542.91	0	
"2014-11-14	16:00:00"	10.99	171.4	13.36	17.1	8.71	172.1	16.92	14.12	44.85	46.12	-1.271	39.19	36.89	26.232	404.45	0	
"2014-11-14	17:00:00"	11.53	168	11.75	17.1	9.02	167.8	14.27	14.72	45.88	46.58	-0.708	39.1	37.32	26.218	231.38	0	
"2014-11-14	18:00:00"	8.91	161	12.81	14.12	6.805	160.4	14.81	11.74	45.58	45.49	0.092	41.75	40.73	26.215	52.807	0	
"2014-11-14	19:00:00"	8.03	128.4	7.758	10.54	4.576	126.8	10.13	6.964	42.06	40.57	1.493	49.63	51.67	26.212	0.1707	0	
"2014-11-14	20:00:00"	9.45	131.2	8.56	12.93	6.29	132.6	10.52	9.95	40.3	39.48	0.812	53.69	54.46	26.214	0.00019	0	
"2014-11-14	21:00:00"	10.83	134.8	9.18	15.31	7.868	136.3	10.6	12.33	38.9	38.42	0.484	58.01	58	26.21	0.00038	0	
"2014-11-14	22:00:00"	9.1	143.2	7.739	12.93	6.618	144.2	8.68	11.14	38.15	37.75	0.404	63.74	63.57	26.208	0.00192	0	
"2014-11-14	23:00:00"	7.732	141.5	8.15	10.54	5.472	141.9	9.28	8.16	36.85	36.39	0.459	68.37	68.47	26.201	0.00192	0	
"2014-11-15	00:00:00"	6.922	149	7.949	11.14	5.073	148.9	8.38	8.75	35.55	35.3	0.259	71.13	70.98	26.184	0.00307	0	
"2014-11-15	01:00:00"	6.552	152.1	9.38	9.95	4.928	152.1	9.99	7.561	34.9	34.74	0.154	71.2	70.96	26.168	0.00528	0	
"2014-11-15	02:00:00"	5.676	149.9	13.57	8.16	4.133	149.1	16.71	6.964	34.25	34.06	0.193	71.44	71.42	26.155	0.02035	0	
"2014-11-15	03:00:00"	5.56	152.9	25.71	8.75	4.165	149.3	31.56	6.964	33.85	33.66	0.186	72.21	72.27	26.14	0.00384	0	
"2014-11-15	04:00:00"	5.191	146.1	45.36	9.35	3.893	145.4	49.05	8.16	34.11	34.18	-0.066	73.18	72.88	26.137	0.00134	0	
"2014-11-15	05:00:00"	8.05	190.7	8.73	12.33	6.137	194.4	13.13	10.54	35.11	35.19	-0.076	70.4	69.7	26.138	0.0023	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-15	06:00:00"	8.03	204.1	17.6	13.52	6.235	206.7	19.95	11.14	35.1	35.13	-0.034	69.61	68.82	26.134	0.00096	0	
"2014-11-15	07:00:00"	6.647	225.2	13.34	11.74	5.414	228.9	15.63	11.14	34.63	34.65	-0.024	70.31	69.49	26.141	0.01785	0	
"2014-11-15	08:00:00"	8.55	218.2	14.74	12.93	6.846	220.2	15.81	11.74	34.16	34.16	0.004	71.57	70.75	26.146	18.143	0	
"2014-11-15	09:00:00"	9.31	217.5	13.23	14.12	7.514	218.3	15.3	12.33	35.83	36.16	-0.33	68.95	67.5	26.166	182.9	0	
"2014-11-15	10:00:00"	9.62	214.7	12.3	16.51	7.931	216.2	15.98	14.12	41.4	42.04	-0.641	62.14	60.04	26.179	362.47	0	
"2014-11-15	11:00:00"	9.4	228.4	15.61	15.91	7.763	230.7	17.42	14.72	49.62	50.36	-0.735	53.12	50.78	26.187	516.3	0	
"2014-11-15	12:00:00"	9.68	231	22.76	15.31	7.856	234.7	24.31	12.93	58.92	59.96	-1.042	44.12	41.5	26.175	605.71	0	
"2014-11-15	13:00:00"	12.02	223	23.23	20.68	9.55	227.5	26.53	20.09	64.24	65.21	-0.969	39.43	37.26	26.146	630.1	0	
"2014-11-15	14:00:00"	13.91	216.6	14.84	21.87	11.31	217.2	18.27	20.09	65.21	66.01	-0.803	39.25	37.15	26.113	556.42	0	
"2014-11-15	15:00:00"	13.08	207.6	15.61	20.09	10.38	209.3	18.12	18.89	64.55	65.49	-0.939	40.56	38.19	26.097	523.78	0	
"2014-11-15	16:00:00"	11.62	211.5	13.12	17.1	9.33	211.3	16.03	15.91	65.23	65.58	-0.348	40.22	38.46	26.091	261.9	0	
"2014-11-15	17:00:00"	8.87	188.1	15.41	15.91	6.805	188.9	18.57	13.52	64.74	64.51	0.225	40.88	39.82	26.083	126.26	0	
"2014-11-15	18:00:00"	6.15	185.6	13.42	10.54	4.212	190.5	18.96	8.75	62.84	61.82	1.023	44.21	44.51	26.078	29.608	0	
"2014-11-15	19:00:00"	5.976	191.9	16.34	9.95	3.793	192.5	19.13	6.368	60.19	58.57	1.622	45.18	46.92	26.088	0.1595	0	
"2014-11-15	20:00:00"	7.561	214.3	17.98	14.12	5.494	214	20.58	11.14	57.56	56.62	0.938	46.58	46.84	26.09	0	0	
"2014-11-15	21:00:00"	7.242	231.6	12.13	11.74	5.26	234.9	15.47	9.95	56.26	55.47	0.795	49.38	49.34	26.104	0	0	
"2014-11-15	22:00:00"	5.69	207.5	25.53	9.35	3.634	207.4	29.46	8.16	53.9	52.43	1.464	52.86	54.41	26.107	0	0	
"2014-11-15	23:00:00"	5.701	225.8	12.34	9.95	3.929	227.1	15.55	8.75	52.51	51.5	1.012	54.66	55.28	26.099	0	0	
"2014-11-16	00:00:00"	6.056	234.8	18.55	9.95	4.01	238	23.13	7.561	51.52	50.3	1.22	56.34	57.37	26.094	0	0	
"2014-11-16	01:00:00"	8.76	271.3	8.43	14.72	5.176	282.7	12.12	12.93	53.06	50.54	2.523	53.11	56.85	26.081	0	0	
"2014-11-16	02:00:00"	13.67	34.97	63.61	30.82	10.39	37.96	62.87	26.65	43.81	43.14	0.673	59.53	60.23	26.102	0	0	
"2014-11-16	03:00:00"	17.86	28.68	7.462	26.65	13.47	31.79	11.74	22.47	38.11	37.83	0.273	58.89	58.78	26.106	0	0	
"2014-11-16	04:00:00"	19.47	29.7	8.93	27.84	14.98	32.79	13.05	25.45	34.69	34.56	0.133	59.55	59.04	26.107	0	0	
"2014-11-16	05:00:00"	19.47	26.22	6.958	30.82	14.99	29.11	11.67	23.66	30.89	30.89	0.006	61.79	61.05	26.118	0.00547	0	
"2014-11-16	06:00:00"	18.61	28.68	7.264	26.05	14.3	31.96	11.57	22.47	30.04	30.01	0.024	65.49	64.76	26.134	0.01843	0	
"2014-11-16	07:00:00"	17.73	31.31	7.356	26.05	13.72	34.66	11.05	21.28	30.16	30.14	0.018	67.47	66.77	26.153	0.0934	0	
"2014-11-16	08:00:00"	18.02	27.18	8.01	27.84	13.72	29.67	13.49	22.47	30.77	30.89	-0.121	67.14	66.21	26.189	8.938	0	
"2014-11-16	09:00:00"	17.06	26.59	9.01	24.26	13.13	29.17	13.61	20.68	29.3	29.66	-0.364	67.73	66.3	26.206	38.663	0	
"2014-11-16	10:00:00"	18.1	27.21	8.7	26.05	13.97	29.98	13.51	21.87	26.8	27.5	-0.694	69.71	67.64	26.221	93.551	0	
"2014-11-16	11:00:00"	15.97	29.37	13.3	26.05	12.48	31.82	17.98	21.28	25.61	26.28	-0.677	71.25	69.08	26.254	75.967	0	
"2014-11-16	12:00:00"	15.17	19.15	9.67	20.68	11.6	20.75	16.21	17.7	24.91	25.79	-0.875	73.56	71.02	26.272	113.27	0	
"2014-11-16	13:00:00"	17.39	11.8	12.69	24.26	13.03	11.54	18.67	20.09	24.77	25.58	-0.81	73.31	70.92	26.264	105.26	0	
"2014-11-16	14:00:00"	17.28	7.986	12.09	25.45	13.03	7.306	18.16	22.47	23.91	24.6	-0.689	73.99	72.17	26.263	88.774	0	
"2014-11-16	15:00:00"	14.8	15.79	11.67	20.68	11.27	16.62	18.78	17.7	23.77	24.45	-0.682	73.72	72.47	26.256	79.439	0	
"2014-11-16	16:00:00"	13.25	8.99	12.81	20.09	9.93	8.56	22.23	17.1	24.81	25.38	-0.569	70.49	69.98	26.282	69.362	0	
"2014-11-16	17:00:00"	15.83	0.871	14.41	26.05	11.89	358.7	22.69	20.09	24.69	24.95	-0.261	70.4	70.46	26.306	46.463	0	
"2014-11-16	18:00:00"	14.87	0.189	12.34	21.87	11.15	358.3	22.05	18.89	24.73	24.77	-0.033	66.89	67.14	26.34	19.398	0	
"2014-11-16	19:00:00"	13.14	2.54	13.67	20.68	9.56	0.634	20.83	17.1	23.53	23.18	0.352	68.86	69.44	26.362	0.21909	0	
"2014-11-16	20:00:00"	10.52	1.609	14.29	18.3	7.282	358.4	21.68	15.91	22.29	21.72	0.578	70.3	71.41	26.394	0.03591	0	
"2014-11-16	21:00:00"	7.013	338.4	14.67	9.95	3.983	336.5	16.65	6.368	21.51	19.91	1.602	71.63	74.73	26.418	0.00202	0	
"2014-11-16	22:00:00"	9.13	339.4	7.687	13.52	5.72	339.5	12.41	10.54	20.63	19.65	0.976	72.18	74.56	26.428	0.00077	0	
"2014-11-16	23:00:00"	6.254	298.1	41.63	10.54	3.874	299.3	45.89	6.964	20.86	20.05	0.808	72.28	73.62	26.437	0.0001	0	
"2014-11-17	00:00:00"	6.695	294.4	42.92	11.14	4.294	296.4	42.86	8.16	20.6	19.98	0.624	72.07	73.12	26.443	0.0001	0	
"2014-11-17	01:00:00"	5.967	294.9	12.14	9.95	2.874	297.9	15.01	5.771	20.3	19.17	1.123	72.46	74.06	26.458	0.0001	0	
"2014-11-17	02:00:00"	7.696	296.7	28.45	11.14	4.402	302.5	30.79	7.561	19.34	18.55	0.79	73.56	74.46	26.461	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-17	03:00:00"	9	313.4	13.28	12.93	5.227	317	15.45	9.95	18.87	18.21	0.659	74.18	74.82	26.461	0
"2014-11-17	04:00:00"	9.33	324.7	19.9	14.12	5.592	330.1	21	11.14	17.83	17.12	0.705	75.01	75.5	26.459	0
"2014-11-17	05:00:00"	10.48	344.6	7.895	15.31	7.223	345.4	13.74	11.14	19.39	18.71	0.682	71.94	73.19	26.458	0
"2014-11-17	06:00:00"	8.81	338.5	6.353	11.74	5.765	340.6	11.92	8.16	19.06	18.19	0.876	72.49	73.77	26.467	0
"2014-11-17	07:00:00"	8.51	333.8	9.07	12.33	5.473	339.4	15.15	8.75	19.15	18.4	0.755	72.45	73.52	26.495	0
"2014-11-17	08:00:00"	7.797	328.7	6.625	11.14	4.715	333.9	9.75	7.561	18.86	18.15	0.706	72.58	73.76	26.511	0
"2014-11-17	09:00:00"	7.395	10.52	21.74	10.54	5.494	13.11	24.43	8.75	23.56	23.86	-0.306	67.49	68.79	26.539	0
"2014-11-17	10:00:00"	8.45	75.43	30.58	12.93	6.773	77.97	32.13	10.54	28.46	29.12	-0.665	50.93	51.43	26.558	0
"2014-11-17	11:00:00"	10.16	124.6	13.21	14.72	8.11	128.2	15.09	12.93	31.39	32.4	-1.011	38.9	39	26.561	0
"2014-11-17	12:00:00"	9	133	16.55	14.12	7.263	135.6	18.23	12.33	33.6	34.87	-1.274	33.25	32.54	26.55	0
"2014-11-17	13:00:00"	7.796	170.5	25.94	17.1	6.354	172.7	29.47	16.51	35.24	36.59	-1.355	30.53	29.2	26.528	0
"2014-11-17	14:00:00"	10.19	169.5	19.74	18.89	8.15	169.7	22.48	15.31	36.86	38.43	-1.577	26.8	25.34	26.493	0
"2014-11-17	15:00:00"	10.52	174.1	16.71	18.89	8.32	174.7	20.5	15.31	38.29	39.78	-1.492	23.03	21.49	26.465	0
"2014-11-17	16:00:00"	9.78	179.3	17.72	17.7	7.81	180.4	21.3	14.12	39.44	40.55	-1.109	21.87	20.33	26.446	0
"2014-11-17	17:00:00"	10.7	183.4	11.94	17.1	8.18	185.1	15.99	14.12	39.94	40.49	-0.553	21.56	20.37	26.436	0
"2014-11-17	18:00:00"	8.67	180.5	7.206	13.52	6.399	180.9	10.61	11.74	38.53	38.17	0.364	23.87	23.49	26.435	0
"2014-11-17	19:00:00"	7.735	174.9	11.55	11.14	5.404	172	14.16	8.75	35.96	35.05	0.912	29.66	30.1	26.432	0
"2014-11-17	20:00:00"	7.481	167.7	8.51	11.14	5.128	165.4	10.42	8.75	34.05	33.22	0.831	33.58	34.21	26.437	0
"2014-11-17	21:00:00"	7.203	165.4	8.22	10.54	4.917	162	9.02	8.16	33.25	32.33	0.919	34.62	35.65	26.447	0
"2014-11-17	22:00:00"	7.667	166.1	9.66	11.14	5.283	162.8	11.85	8.75	32.19	31.3	0.886	36.31	37.3	26.45	0
"2014-11-17	23:00:00"	6.468	176.8	8.63	9.35	4.319	175.3	10.55	8.16	31.26	30.24	1.012	37.82	39.23	26.449	0
"2014-11-18	00:00:00"	4.509	179.3	10.16	7.561	2.514	172.8	14.92	4.578	30.52	29.16	1.357	38.98	41.75	26.448	0
"2014-11-18	01:00:00"	4.619	170.4	7.558	7.561	2.292	171.9	10.84	3.982	30.61	29.05	1.565	38.56	42.09	26.441	0
"2014-11-18	02:00:00"	6.783	160.3	7.236	9.95	4.3	159.3	10.7	6.964	31.77	30.16	1.61	35.22	37.86	26.435	0
"2014-11-18	03:00:00"	8.33	167.8	10.52	12.33	5.745	167.2	12.84	9.35	30.13	29.12	1.009	38.41	39.7	26.433	0
"2014-11-18	04:00:00"	8.33	176.9	7.934	11.74	5.561	176.7	10.96	8.75	29.01	28.02	0.994	41.72	43.27	26.425	0
"2014-11-18	05:00:00"	6.579	184.1	8.09	10.54	4.114	187	11.52	7.561	28.47	27.32	1.155	43.9	45.99	26.428	0
"2014-11-18	06:00:00"	5.109	175	28.34	8.16	3.189	176.4	41.92	6.368	28.24	26.83	1.406	44.59	47.27	26.428	0
"2014-11-18	07:00:00"	4.682	132.4	21.75	7.561	2.259	95.7	43.7	3.982	27.88	23.71	4.167	45.48	54.85	26.439	0
"2014-11-18	08:00:00"	4.103	154.4	25.22	6.368	1.888	150.9	56.01	3.982	28.05	25.41	2.641	45.56	51.84	26.449	0
"2014-11-18	09:00:00"	6.391	166	10.39	12.93	4.59	167.2	12.42	11.14	29.87	29.8	0.07	46.97	47.65	26.468	0
"2014-11-18	10:00:00"	11.85	185.9	9.12	18.89	9.12	187.8	13.22	15.91	34.23	34.94	-0.71	43.35	41.7	26.482	0
"2014-11-18	11:00:00"	11.29	194.4	12.38	17.7	8.85	196.3	15.65	14.72	37.8	38.94	-1.144	36.38	34.4	26.489	0
"2014-11-18	12:00:00"	9.88	205	16.31	15.91	8.04	207.4	19.02	13.52	41.11	42.37	-1.261	32.66	30.52	26.484	0
"2014-11-18	13:00:00"	9.62	212.7	15.78	15.91	7.853	214.7	19.88	14.12	43.94	45.24	-1.299	29.5	27.36	26.46	0
"2014-11-18	14:00:00"	8.52	211.5	18.93	13.52	7.01	213.7	21.88	13.52	46.46	47.75	-1.285	27.69	25.56	26.437	0
"2014-11-18	15:00:00"	9.22	204.4	16	15.31	7.428	206.5	19.9	14.12	48.6	49.92	-1.327	26.02	23.89	26.419	0
"2014-11-18	16:00:00"	9.76	205.1	15.6	16.51	7.81	206.5	19.28	14.12	49.59	50.51	-0.919	25.35	23.39	26.405	0
"2014-11-18	17:00:00"	10.98	200.3	13.36	17.1	8.61	202.1	15.57	14.12	50.11	50.48	-0.369	24.3	22.69	26.39	0
"2014-11-18	18:00:00"	8.82	198.3	8.89	15.31	6.598	200.8	10.35	12.33	48.51	47.98	0.536	26.01	25.21	26.382	0
"2014-11-18	19:00:00"	9.01	195.6	8.65	13.52	6.132	199.2	10.82	11.14	44.05	42.9	1.146	30.57	30.74	26.373	0
"2014-11-18	20:00:00"	8.86	201.7	10.27	12.33	6.155	203.1	11.13	9.35	41.79	40.75	1.045	32.78	32.8	26.378	0
"2014-11-18	21:00:00"	7.854	207.8	11.23	11.74	5.844	206.2	12.39	9.35	40.23	39.52	0.709	36.27	35.89	26.378	0
"2014-11-18	22:00:00"	6.874	212.2	11.88	10.54	4.862	213	14.17	8.16	38.49	37.75	0.74	38.75	38.51	26.378	0
"2014-11-18	23:00:00"	6.52	213.3	12.58	9.35	4.848	211.5	14.79	8.75	37.29	36.67	0.622	41.5	41	26.379	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-19	00:00:00"	7.59	220.8	12.49	11.74	5.689	223.8	13.47	9.95	36.5	35.94	0.559	46.48	45.83	26.37	0.00154	0	
"2014-11-19	01:00:00"	7.774	224.5	12.49	11.74	5.967	226.4	14.25	9.95	34.84	34.37	0.47	52.96	52.35	26.353	0.00221	0	
"2014-11-19	02:00:00"	8.32	235.3	9.58	11.74	6.36	242.2	12.21	9.35	33.8	33.3	0.506	56.58	56.21	26.338	0.00614	0	
"2014-11-19	03:00:00"	7.46	230.5	11	11.14	5.584	232.4	13.08	8.75	32.56	32.08	0.479	59.6	59.29	26.329	0.02399	0	
"2014-11-19	04:00:00"	7.706	241.4	14.09	9.95	5.145	246.5	18.73	7.561	31.45	30.39	1.056	61.64	62.53	26.321	0.10366	0	
"2014-11-19	05:00:00"	7.155	248.2	15.48	10.54	4.7	254.9	21.26	8.16	33.34	31.84	1.501	57.81	59.74	26.321	0.12827	0	
"2014-11-19	06:00:00"	5.938	227.5	14.75	8.75	4.145	230.3	19.6	8.16	31.63	30.76	0.872	60.19	60.95	26.315	0.10618	0	
"2014-11-19	07:00:00"	4.954	256.5	20.49	8.16	2.913	271.5	27.15	6.368	31.21	29.06	2.141	60.14	63.36	26.325	0.16878	0	
"2014-11-19	08:00:00"	5.717	249.9	21.88	8.16	3.633	256.6	30.98	7.561	30.5	28.75	1.751	60.92	64.59	26.339	21.481	0	
"2014-11-19	09:00:00"	5.653	234	19.47	8.16	4.222	233	20.53	6.964	33	32.83	0.175	55.77	56.77	26.36	187.64	0	
"2014-11-19	10:00:00"	4.376	223.5	47.2	6.964	3.619	222.2	47.98	6.368	39.73	40.24	-0.51	45.02	43.94	26.381	372.46	0	
"2014-11-19	11:00:00"	4.756	221.2	26.96	8.16	3.985	221.8	29.83	7.561	47.01	47.94	-0.933	34.63	32.94	26.395	521.11	0	
"2014-11-19	12:00:00"	7.175	273	20.97	12.33	5.382	275.5	24.45	10.54	53.77	55.22	-1.447	26.45	24.47	26.379	632.22	0	
"2014-11-19	13:00:00"	6.476	274.4	22.81	12.33	4.829	276	28.16	11.14	59.92	61.24	-1.317	16.55	14.82	26.347	678.66	0	
"2014-11-19	14:00:00"	6.205	264.6	28.85	11.74	4.753	269.6	32.24	9.95	62.66	64.01	-1.353	12.44	10.79	26.312	634.39	0	
"2014-11-19	15:00:00"	6.16	234.4	28.9	11.14	5.067	240.2	34.54	11.14	64.66	65.75	-1.085	11.11	9.47	26.291	561.89	0	
"2014-11-19	16:00:00"	5.82	230.4	31.76	11.74	4.743	233	34.28	9.95	67.24	69.07	-1.834	11.24	9.23	26.279	417.91	0	
"2014-11-19	17:00:00"	10.18	183.7	11.46	15.91	7.819	184.5	15.44	13.52	64.39	65.65	-1.268	14.28	12.43	26.272	189.51	0	
"2014-11-19	18:00:00"	7.56	169.7	14.02	11.74	5.221	165	19.63	9.95	61.1	60.92	0.184	15.12	14.07	26.277	38.473	0	
"2014-11-19	19:00:00"	6.643	149.2	9.74	9.35	3.729	126.9	17.45	5.175	56.59	54.03	2.559	18.64	19.17	26.275	0.12346	0	
"2014-11-19	20:00:00"	7.578	147.4	7.832	11.74	4.367	129.4	15.21	8.16	54.72	51.36	3.36	20.57	22.32	26.27	0	0	
"2014-11-19	21:00:00"	7.663	151.3	8.45	12.93	4.114	141.7	15.72	8.75	54.22	51.01	3.201	22.35	23.98	26.27	0	0	
"2014-11-19	22:00:00"	8.52	159.4	12.34	12.33	5.748	157.8	16.69	9.95	51.05	49.36	1.695	26.89	27.28	26.27	0	0	
"2014-11-19	23:00:00"	6.573	201.2	14.67	12.33	4.364	203.8	16.88	8.16	47.93	46.71	1.225	32.23	32.09	26.278	0	0	
"2014-11-20	00:00:00"	6.233	202	12.04	9.35	3.985	203.9	13.37	7.561	46.38	45.13	1.249	37.03	37.15	26.271	0	0	
"2014-11-20	01:00:00"	6.906	197.8	8.28	9.35	4.752	205.9	10.42	6.964	43.32	42.51	0.815	47.12	46.47	26.251	0	0	
"2014-11-20	02:00:00"	6.779	213.1	11.9	9.95	5.15	216.4	14.34	8.75	42.33	41.87	0.462	53.6	52.94	26.236	0	0	
"2014-11-20	03:00:00"	7.677	216.8	13.13	10.54	5.979	218.1	15.95	8.75	41.85	41.49	0.352	54.87	53.99	26.221	0	0	
"2014-11-20	04:00:00"	7.64	247.5	10.68	11.14	5.332	253.1	13.67	8.75	40.29	39.76	0.523	59.81	59.54	26.209	0	0	
"2014-11-20	05:00:00"	5.489	221.2	24.11	9.35	3.665	226.8	34.12	6.964	40.86	39.56	1.292	59.57	60.81	26.191	0.0001	0	
"2014-11-20	06:00:00"	6.722	216.9	14.62	9.95	4.528	217.9	18.02	8.16	40.46	39.34	1.116	59.92	60.69	26.187	0	0	
"2014-11-20	07:00:00"	7.365	213.5	12.53	11.74	5.316	213.7	14.59	9.35	38.68	37.88	0.794	63.56	63.78	26.188	0.00115	0	
"2014-11-20	08:00:00"	6.157	229.6	12.1	9.35	4.559	229.1	15.53	8.16	35.97	35.53	0.438	69.39	69.1	26.201	19.85	0	
"2014-11-20	09:00:00"	5.978	222.2	17	9.95	4.822	227.8	18.68	9.35	37.23	37.37	-0.144	69.29	68.1	26.218	180.65	0	
"2014-11-20	10:00:00"	5.861	212.7	12.74	9.35	4.945	217.2	15.7	7.561	43.81	44.38	-0.575	57.08	55.28	26.228	361.39	0	
"2014-11-20	11:00:00"	7.068	226.9	18.18	11.74	5.877	230.3	19.57	9.35	50.57	51.45	-0.885	41.09	38.89	26.23	515.71	0	
"2014-11-20	12:00:00"	8.73	242	15.22	12.93	7.167	246.8	18.27	11.74	58.42	59.47	-1.052	26.9	25.05	26.218	619.92	0	
"2014-11-20	13:00:00"	8.79	249.1	14.97	14.72	7.049	251.7	17.77	12.93	64.44	65.66	-1.219	15.65	13.98	26.192	662.96	0	
"2014-11-20	14:00:00"	9.57	242.1	18.62	15.31	7.639	247.1	21.7	15.91	66.84	68.04	-1.201	11.94	10.27	26.163	627.61	0	
"2014-11-20	15:00:00"	8.76	243.1	18.04	14.72	7.036	246.1	22.2	12.33	68.04	69.08	-1.03	9.81	8.22	26.146	550.93	0	
"2014-11-20	16:00:00"	7.925	253	21.33	13.52	6.17	259.3	24.56	11.74	68.48	69.38	-0.902	8.73	7.215	26.142	409.36	0	
"2014-11-20	17:00:00"	7.926	243.7	16.78	14.12	6.206	248.5	19.57	12.33	68.44	68.56	-0.12	8.17	6.735	26.142	233.34	0	
"2014-11-20	18:00:00"	5.541	221.9	13.89	8.75	4.03	222.4	16.7	8.16	66.15	65.23	0.921	10.19	9.16	26.144	49.299	0	
"2014-11-20	19:00:00"	4.545	194.7	9.3	6.368	2.298	190.2	9.88	3.982	61.75	59.81	1.94	13.67	13.71	26.152	0.10762	0	
"2014-11-20	20:00:00"	5.907	180.7	8.71	8.16	3.266	178.3	13.52	5.175	59.19	56.48	2.71	18.17	19.12	26.164	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-20	21:00:00"	6.643	198.7	13.64	9.95	4.187	204.6	14.41	6.964	57.06	55.23	1.828	20.91	21.13	26.173	0
"2014-11-20	22:00:00"	5.884	213.4	12.78	8.16	3.49	210.9	16.35	6.368	55.03	52.72	2.308	22.65	23.5	26.178	0
"2014-11-20	23:00:00"	5.977	229	11.71	8.16	3.671	235.2	13.48	5.771	53.01	50.99	2.023	24.85	25.48	26.179	0
"2014-11-21	00:00:00"	5.796	239.3	7.434	7.561	3.616	245.5	12.47	5.175	52.18	49.34	2.84	26.7	28.14	26.176	0
"2014-11-21	01:00:00"	5.934	201.5	23.42	9.95	3.676	201.1	27.39	8.16	48.18	46.38	1.8	32.38	33.68	26.176	0
"2014-11-21	02:00:00"	6.381	213.1	16.28	12.33	4.477	218.1	20.81	8.75	44.64	43.85	0.792	43.62	42.9	26.177	0
"2014-11-21	03:00:00"	6.33	238.3	12.46	9.35	4.512	247.1	16.43	7.561	43.05	42.27	0.78	58.86	58.38	26.177	0
"2014-11-21	04:00:00"	6.446	228.3	12.45	9.35	4.597	225	14.92	7.561	43.87	43.13	0.738	53.86	54.27	26.18	0
"2014-11-21	05:00:00"	5.694	234.4	39.64	11.74	4.011	229.9	43.64	8.75	42.61	41.6	1.01	51.11	52.09	26.182	0
"2014-11-21	06:00:00"	4.987	359.4	39.83	9.95	3.101	16.42	56.44	6.964	42.56	38.41	4.148	42.3	52.07	26.185	0.00019
"2014-11-21	07:00:00"	2.418	149.5	70.2	4.578	2.203	140.1	58.98	3.386	43.56	37.98	5.578	37.26	51.2	26.194	0.01689
"2014-11-21	08:00:00"	3.661	266	64.08	5.771	2.905	295.4	49.02	5.175	44.44	38.89	5.548	36.86	48.76	26.202	18.167
"2014-11-21	09:00:00"	2.032	235.4	55.78	3.386	1.639	352.7	58.2	3.982	45.44	41.86	3.577	36.26	50.74	26.22	115.53
"2014-11-21	10:00:00"	1.939	331	88.6	4.578	1.717	212.1	82.9	3.982	51.89	51.79	0.102	31.29	31.94	26.229	358.2
"2014-11-21	11:00:00"	5.929	206.3	21.2	12.33	5.007	212.7	23.58	10.54	58.23	58.83	-0.598	28.48	27.51	26.239	490.26
"2014-11-21	12:00:00"	7.902	171.2	13.4	11.74	6.43	170.2	16.28	9.95	59.05	60.28	-1.229	35.17	33.07	26.232	598.13
"2014-11-21	13:00:00"	6.592	187	20.77	12.33	5.481	187.7	23.69	11.14	62.34	63.56	-1.221	28.42	26.39	26.204	649.75
"2014-11-21	14:00:00"	6.991	198.7	20.73	12.33	5.72	201.4	25.56	11.74	65.4	66.64	-1.239	22.15	20.18	26.171	611.44
"2014-11-21	15:00:00"	8.14	176.8	18.37	14.12	6.659	176.3	21.46	11.14	67.02	68.16	-1.145	20.84	18.92	26.151	535.77
"2014-11-21	16:00:00"	7.548	173.4	15.68	12.93	6.022	173.9	19.02	9.95	67.82	68.58	-0.755	20.81	19.08	26.147	356.5
"2014-11-21	17:00:00"	8.62	152.4	16.66	12.93	6.567	151.6	15.57	9.95	67.48	67.31	0.176	22.44	21.2	26.145	145.48
"2014-11-21	18:00:00"	9.21	129.1	5.738	13.52	6.111	130.6	8.17	10.54	64.45	63.37	1.077	29.43	28.98	26.152	58.287
"2014-11-21	19:00:00"	8.62	118.4	4.687	12.33	4.55	112.8	8.94	8.16	60.85	57.04	3.815	39.04	41.13	26.158	0.04265
"2014-11-21	20:00:00"	9.19	114.8	6.071	11.74	4.989	104.8	12.68	8.75	57.08	53.49	3.585	51.47	53.68	26.171	0
"2014-11-21	21:00:00"	8.48	136.1	8.62	11.74	5.378	134.3	10.88	8.16	54.7	53.35	1.353	63.85	64.36	26.184	0
"2014-11-21	22:00:00"	7.397	158.3	11.39	11.74	5.21	157	11.7	8.75	55.2	54.52	0.686	71.26	71.06	26.191	0
"2014-11-21	23:00:00"	5.137	156	10.66	9.35	3.23	146.9	16.63	6.368	55.14	53.72	1.422	74.23	74.77	26.197	0
"2014-11-22	00:00:00"	7.805	149.5	12.51	17.1	5.793	149.5	14.23	12.33	56.05	55.56	0.485	78.55	78.22	26.196	0
"2014-11-22	01:00:00"	10.36	155.7	11.15	18.89	8.19	154.8	11.95	14.72	56.45	56.3	0.148	80.9	80.2	26.185	0
"2014-11-22	02:00:00"	8.51	157.9	10.7	12.93	6.651	157.2	11.72	10.54	56.16	56.04	0.12	83.1	82.4	26.174	0
"2014-11-22	03:00:00"	7.553	162.2	10.22	11.74	5.776	160.3	11.42	9.95	56.46	56.27	0.189	84.2	83.6	26.173	0
"2014-11-22	04:00:00"	6.798	145.6	17.87	11.14	5.085	144.8	18.7	9.95	56.35	56.1	0.247	84.7	84.1	26.169	0
"2014-11-22	05:00:00"	3.791	161.6	22.18	6.368	2.438	153.9	29.26	5.175	55.58	55.06	0.517	86.5	85.9	26.166	0
"2014-11-22	06:00:00"	4.351	74.09	16.72	6.368	2.947	60.84	11.23	4.578	55.03	54	1.037	87.5	87.2	26.155	0
"2014-11-22	07:00:00"	4.931	43.93	24.82	7.561	3.572	44.34	28.98	6.368	54.43	54.19	0.24	87.2	86.7	26.166	0
"2014-11-22	08:00:00"	4.2	331.8	22.5	6.368	2.658	330.5	24.03	5.175	54.35	54.15	0.202	86.9	86.4	26.179	3.7001
"2014-11-22	09:00:00"	6.507	354.9	44.37	12.93	4.59	356.5	47.68	10.54	54.42	54.23	0.195	86.9	86.6	26.171	20.395
"2014-11-22	10:00:00"	5.937	19.16	42.55	11.14	4.487	19.69	45.11	8.75	54.84	55.24	-0.404	86.9	86.3	26.154	174.56
"2014-11-22	11:00:00"	6.453	325.4	39	12.93	4.97	327.1	41.31	9.95	58.01	59.24	-1.229	78.53	75.69	26.145	439.62
"2014-11-22	12:00:00"	3.719	271.4	69.88	9.95	2.98	281	71	8.16	60.25	60.97	-0.719	71.05	68.74	26.149	377.36
"2014-11-22	13:00:00"	6.877	257.2	22.99	15.31	5.438	261.6	28.43	13.52	62.93	64.38	-1.447	59.63	56.29	26.094	621.25
"2014-11-22	14:00:00"	7.753	274.5	23.87	15.91	5.87	279.8	30.49	14.72	65.38	66.91	-1.53	52.22	48.64	26.062	583.73
"2014-11-22	15:00:00"	7.228	271.5	26.17	15.91	5.347	273.7	31.1	12.93	66.97	68.28	-1.309	44.39	41.32	26.029	467.65
"2014-11-22	16:00:00"	11.69	297.5	14.65	21.28	7.296	301.2	17.31	18.3	68.89	69.89	-1.002	32	29.95	26.008	347.91
"2014-11-22	17:00:00"	15.59	284.9	10.5	23.66	10.25	290.3	12.61	19.49	68.38	68.72	-0.347	27.01	25.38	26.003	212.86

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-22	18:00:00"	9.84	282.2	6.39	18.3	5.7	291.1	9.81	13.52	66.06	64.72	1.337	26.84	26.71	26.012	41.879		0
"2014-11-22	19:00:00"	7.002	268.5	12.05	11.14	3.86	278.3	18.45	7.561	63.27	60.34	2.936	29.98	31.86	26.018	0.09305		0
"2014-11-22	20:00:00"	8.86	262	7.984	15.31	6.14	266.5	9.75	11.14	60	58.77	1.223	33.1	33.17	26.015	0		0
"2014-11-22	21:00:00"	10.13	259.5	9.28	15.91	7.44	267.9	11.42	12.93	58.22	57.36	0.859	32.53	32.06	26.015	0		0
"2014-11-22	22:00:00"	13.62	264.7	8.23	20.09	10.05	270.8	9.77	16.51	57.46	56.77	0.692	31.81	31.09	26.011	0		0
"2014-11-22	23:00:00"	13.91	275	8.19	23.07	9.46	281.3	11.39	19.49	55.9	54.91	0.987	33.6	33.34	26.003	0		0
"2014-11-23	00:00:00"	8.4	273.2	23.12	14.12	4.608	278	28.03	10.54	52.13	50.09	2.042	37.74	39.37	25.983	0		0
"2014-11-23	01:00:00"	6.547	220.1	23.18	11.14	4.509	221.9	29.37	8.16	48.62	47.31	1.311	43.55	44.76	25.954	0		0
"2014-11-23	02:00:00"	6.016	223.6	15.38	8.75	4.397	226.7	18.4	6.368	47.14	46.35	0.79	47.11	47.21	25.918	0		0
"2014-11-23	03:00:00"	6.514	240	20.73	12.33	4.334	237.2	21.75	8.16	47.25	45.55	1.696	45.16	47.46	25.904	0		0
"2014-11-23	04:00:00"	11.22	270.5	7.983	19.49	7.636	274.7	11.26	14.12	51.46	50.24	1.219	33.83	34.26	25.887	0		0
"2014-11-23	05:00:00"	13.22	279.9	6.847	18.89	8.19	286.9	9.84	15.31	50.7	49.45	1.256	33.58	33.95	25.881	0		0
"2014-11-23	06:00:00"	12.26	284.1	7.338	17.7	7.193	289.9	10.25	13.52	50.67	49.29	1.383	31.5	31.92	25.888	0		0
"2014-11-23	07:00:00"	9.28	290	5.264	13.52	3.824	300.1	9.5	6.964	47.6	44.5	3.099	35.3	38.71	25.896	0		0
"2014-11-23	08:00:00"	11.23	293.6	8.44	16.51	5.467	300.8	11.21	10.54	47.28	45.01	2.274	34.97	37.48	25.906	15.162		0
"2014-11-23	09:00:00"	14.07	292.8	11.02	25.45	8.31	298.6	13.54	18.89	50.56	50.39	0.173	31.09	30.34	25.93	164.41		0
"2014-11-23	10:00:00"	17.71	277.3	8.37	29.03	12.17	282.5	12.17	22.47	57	57.47	-0.471	23.98	22.5	25.941	340.71		0
"2014-11-23	11:00:00"	21.54	283.3	9	32.01	14.25	289.4	11.13	26.05	61.33	62.19	-0.863	20.71	18.93	25.952	491.88		0
"2014-11-23	12:00:00"	20.04	296.2	11.58	28.43	11.97	301.4	13.53	24.86	63.64	64.92	-1.279	20.03	18.05	25.944	595.35		0
"2014-11-23	13:00:00"	24.14	300.7	12.37	40.96	14.38	304.9	14.56	26.65	65.23	66.57	-1.334	20.36	18.24	25.915	634.79		0
"2014-11-23	14:00:00"	26.89	298.2	11.44	42.15	15.74	303	13.2	30.22	66.62	67.9	-1.279	18.65	16.57	25.882	594.88		0
"2014-11-23	15:00:00"	27.6	294.5	11.04	43.35	16.42	300.2	13.07	31.42	66.65	67.7	-1.045	18.06	16.06	25.879	511.47		0
"2014-11-23	16:00:00"	27.03	305.6	16.02	39.17	16.94	310.2	16.87	30.22	65.46	66.16	-0.698	19.85	17.92	25.892	373.42		0
"2014-11-23	17:00:00"	28.51	326.7	9.44	45.13	20.75	329.1	11.73	36.78	62.33	62.53	-0.2	22.41	20.7	25.923	200.29		0
"2014-11-23	18:00:00"	26.51	6.458	20.96	43.94	20.11	6.708	22.93	36.19	53.97	53.91	0.054	35.25	33.56	25.982	37.712		0
"2014-11-23	19:00:00"	23.44	21.4	7.346	35	17.98	22.88	12.96	29.63	45.82	45.82	0	48.77	47.1	26.049	0.05091		0
"2014-11-23	20:00:00"	16.21	28.1	7.437	26.05	12.63	31.16	11.95	23.07	42.54	42.44	0.102	54.24	52.86	26.101	0		0
"2014-11-23	21:00:00"	12.83	13.45	11.4	19.49	9.75	13.07	16.66	16.51	40.85	40.7	0.142	57.86	56.81	26.118	0		0
"2014-11-23	22:00:00"	11.13	349.2	13.35	14.72	7.799	348.7	14.9	11.74	38.97	38.42	0.551	60.67	60.55	26.137	0		0
"2014-11-23	23:00:00"	7.832	312.2	20.02	12.93	4.65	313.8	21.33	9.95	37.59	36.46	1.124	63.44	64.46	26.155	0.00883		0
"2014-11-24	00:00:00"	7.485	302	13.73	11.14	3.445	304	16.98	7.561	35.97	34.15	1.82	65.02	67.88	26.163	0.02841		0
"2014-11-24	01:00:00"	4.335	346.4	68.06	9.35	3.52	13.12	70.41	6.964	37.41	34.89	2.515	59.74	64.45	26.185	0.11987		0
"2014-11-24	02:00:00"	6.331	264.9	39.94	9.95	4.565	266.1	40.49	8.75	37.02	35.2	1.811	59.05	62.01	26.189	0.10989		0
"2014-11-24	03:00:00"	6.222	261.4	9.08	9.35	4.272	265.9	12.78	7.561	35.17	34.28	0.898	65.65	66.24	26.202	0.08465		0
"2014-11-24	04:00:00"	6.835	255.9	17.09	11.74	4.916	262.6	19.1	9.35	33.75	33.2	0.548	70.49	70.46	26.209	0.14108		0
"2014-11-24	05:00:00"	7.985	275.7	8.85	10.54	4.847	282.3	12.6	8.16	34.56	33.55	1.013	72.48	73.43	26.206	0.11872		0
"2014-11-24	06:00:00"	7.654	290.4	6.059	9.35	3.208	301.9	10.88	5.175	33.17	30.74	2.434	75.14	77.65	26.204	0.12113		0
"2014-11-24	07:00:00"	6.866	293	7.21	8.75	3.05	298.9	12.19	5.771	31.96	28.92	3.044	75.93	79.52	26.205	0.14641		0
"2014-11-24	08:00:00"	10	309.6	10.5	15.31	5.581	312.8	13.2	11.74	31.72	30.72	1.001	72.25	74.41	26.217	14.063		0
"2014-11-24	09:00:00"	12.53	313.5	7.02	18.3	7.983	317.9	9.5	15.31	34.15	34.28	-0.129	62.88	62.85	26.246	165.06		0
"2014-11-24	10:00:00"	15.31	326.4	9.78	23.07	11.15	328.5	11.84	18.89	40.31	41.23	-0.916	41.86	40.2	26.272	346.09		0
"2014-11-24	11:00:00"	17.18	334.8	10.48	24.26	13.05	336	12.14	20.09	46.36	47.59	-1.234	26.91	25.07	26.284	480.6		0
"2014-11-24	12:00:00"	14.18	340.2	15.86	21.87	10.91	341.2	18.04	18.89	49.02	50.72	-1.701	22.6	20.56	26.271	595.83		0
"2014-11-24	13:00:00"	13.33	312.2	15.26	23.66	8.87	315.1	17.13	19.49	50.35	52.06	-1.716	17.82	15.94	26.249	654.52		0
"2014-11-24	14:00:00"	10.93	304	20.35	21.28	7.671	307.8	21.32	17.7	50.61	52.42	-1.801	15.54	13.69	26.227	619.43		0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-24	15:00:00"	10.86	299.5	17.48	18.89	7.365	302.4	19.43	15.31	52.28	53.88	-1.597	13.69	11.92	26.214	542.07	0	
"2014-11-24	16:00:00"	12.75	314.1	18.07	39.77	8.68	316.5	19.54	30.22	53.85	55.13	-1.279	12.66	10.98	26.2	401.79	0	
"2014-11-24	17:00:00"	7.817	314.9	19.84	14.72	5.489	318.7	20.32	11.74	54.34	55.02	-0.682	11.37	9.97	26.197	225.95	0	
"2014-11-24	18:00:00"	7.419	327	13.74	11.74	4.562	332.8	16.78	8.75	53.14	50.99	2.146	11.94	12.53	26.207	45.353	0	
"2014-11-24	19:00:00"	6.559	303.7	32.34	10.54	4.124	317.4	36.03	6.368	51.43	45.32	6.105	12.82	17.29	26.222	0.09357	0	
"2014-11-24	20:00:00"	9.84	324.9	7.907	16.51	5.961	329.4	9.83	12.33	49.56	45.66	3.897	16.49	18.95	26.254	0	0	
"2014-11-24	21:00:00"	8.2	323.6	16.23	12.33	4.159	325.4	18.34	8.16	46.58	43.62	2.965	21.53	23.45	26.274	0	0	
"2014-11-24	22:00:00"	7.893	324.8	17.5	12.93	4.143	320.6	14.24	7.561	42.33	37.99	4.344	26.56	30.69	26.292	0	0	
"2014-11-24	23:00:00"	10.12	334.7	9.31	14.12	5.71	333	11.64	9.95	38.98	36.39	2.59	31.48	34.19	26.31	0.00125	0	
"2014-11-25	00:00:00"	11.52	360	14.07	17.1	8.2	358.8	18.23	12.93	38.12	37.24	0.876	33.64	33.63	26.33	0.00269	0	
"2014-11-25	01:00:00"	12.96	11.91	8.11	17.7	9.34	10.88	14.09	14.12	36.93	36.13	0.803	35.77	35.65	26.35	0.00278	0	
"2014-11-25	02:00:00"	13.87	9.74	8.23	18.3	10.04	8.84	15.44	15.91	36.56	35.89	0.669	37.41	37.16	26.372	0.012	0	
"2014-11-25	03:00:00"	14.05	6.975	9.68	18.89	10.24	7.451	19.46	15.91	35.46	34.8	0.656	34.84	34.66	26.397	0.04127	0	
"2014-11-25	04:00:00"	14.64	5.835	10.83	21.28	10.77	5.914	18.29	19.49	34.28	33.59	0.681	31.59	31.31	26.416	0.04482	0	
"2014-11-25	05:00:00"	16.12	8.92	9.93	23.07	12.05	8.83	19.79	19.49	33.49	32.94	0.548	39.51	38.91	26.439	0.05864	0	
"2014-11-25	06:00:00"	14.22	10.98	7.644	19.49	10.35	10.96	16.98	15.91	32.3	31.67	0.634	47.12	46.82	26.455	0.11181	0	
"2014-11-25	07:00:00"	13.27	7.513	8.18	17.1	9.47	8.13	20.53	13.52	31.33	30.58	0.751	50.74	50.86	26.476	0.05798	0	
"2014-11-25	08:00:00"	11.28	7.557	8.52	14.72	7.697	8.19	20.23	11.74	30.79	29.84	0.958	53.06	53.79	26.491	14.167	0	
"2014-11-25	09:00:00"	10.76	11.63	7.832	14.12	8.1	12.33	17.73	11.74	34.42	34.54	-0.119	48.55	47.47	26.51	164.38	0	
"2014-11-25	10:00:00"	8.28	0.936	14.96	12.93	6.506	1.072	23.82	11.74	39.54	40.71	-1.169	42.7	39.95	26.537	345.17	0	
"2014-11-25	11:00:00"	5.802	283.7	46.64	11.14	4.638	287.8	47.7	10.54	42.53	43.81	-1.279	38.49	36.09	26.544	493.2	0	
"2014-11-25	12:00:00"	6.324	263.7	23.67	11.14	5.051	267.2	25.5	9.95	44.86	46.26	-1.398	34.42	32.05	26.522	599.86	0	
"2014-11-25	13:00:00"	10.06	236	15.69	20.09	8.26	239.7	19.26	15.31	47.61	48.9	-1.29	27.39	25.2	26.486	643.15	0	
"2014-11-25	14:00:00"	15.23	249	13.55	23.66	12.18	254.6	17.3	20.68	49.99	51.35	-1.363	21.67	19.47	26.436	607.26	0	
"2014-11-25	15:00:00"	17.63	247.4	14.74	30.82	14.13	253.8	18.42	26.05	51.46	52.51	-1.048	19.38	17.31	26.389	532.76	0	
"2014-11-25	16:00:00"	17.62	241.7	13.03	27.84	14.28	245.8	15.59	24.86	52.06	52.78	-0.722	19.65	17.68	26.364	393.6	0	
"2014-11-25	17:00:00"	17.29	229.5	14.35	27.84	14.06	232.8	17.35	26.05	52.21	52.46	-0.249	20.51	18.73	26.333	220.58	0	
"2014-11-25	18:00:00"	11.57	232.4	12.92	23.07	9.35	235.5	16.08	19.49	52.16	51.89	0.272	17.06	15.61	26.332	43.966	0	
"2014-11-25	19:00:00"	8.67	232.7	12	14.12	6.919	235.1	15.93	12.33	49.15	48.66	0.49	19.28	18	26.323	0.09722	0	
"2014-11-25	20:00:00"	7.31	228.8	14.3	12.33	5.685	229.5	17.84	10.54	45.19	44.64	0.547	24.29	23.23	26.309	0	0	
"2014-11-25	21:00:00"	7.261	245.1	11.16	11.14	5.489	249.7	13.63	9.95	42.72	42.05	0.668	27.59	26.86	26.293	0	0	
"2014-11-25	22:00:00"	7.009	250	11.89	12.93	4.934	254.3	17.17	9.95	42	41.07	0.933	27.32	27.08	26.291	0	0	
"2014-11-25	23:00:00"	8.64	257.2	12.23	14.12	6.279	260	14.58	12.33	42.15	41.38	0.769	26.7	26.13	26.291	0	0	
"2014-11-26	00:00:00"	8.16	260.6	10.27	13.52	5.603	263	12.42	10.54	41.15	40.04	1.109	28.05	28.02	26.295	0	0	
"2014-11-26	01:00:00"	8.28	255.4	12.28	14.12	5.812	255.5	14.77	11.74	41.21	40.04	1.167	27.97	28.07	26.294	0.00077	0	
"2014-11-26	02:00:00"	14.09	269.7	8.44	22.47	10.06	273.3	11.19	18.3	44.33	43.48	0.849	23.93	23.3	26.289	0.0001	0	
"2014-11-26	03:00:00"	14.4	277.6	6.485	20.68	9.71	283.7	9.66	16.51	44.45	43.47	0.975	23.41	22.93	26.291	0	0	
"2014-11-26	04:00:00"	10.28	291.2	8.6	15.91	5.486	296.2	10.6	10.54	41.92	40.72	1.196	26.35	26.29	26.295	0	0	
"2014-11-26	05:00:00"	8.01	283.1	21.69	14.72	4.743	285.9	25.66	9.95	41.64	40.37	1.268	27.06	27.13	26.3	0	0	
"2014-11-26	06:00:00"	11.92	307.3	7.571	17.1	6.402	311.7	10.48	11.74	41.94	40.71	1.232	26.18	26.3	26.307	0	0	
"2014-11-26	07:00:00"	11.99	293.8	15.3	19.49	6.989	297.4	16.93	12.93	42.18	41.19	0.986	25.85	25.54	26.325	0	0	
"2014-11-26	08:00:00"	6.631	269.6	14.47	12.93	4.226	273.9	19.82	11.14	39.13	37.43	1.699	29.93	30.95	26.351	13.114	0	
"2014-11-26	09:00:00"	5.721	234.2	17.62	14.12	4.374	234.2	20.21	8.75	40.6	40.23	0.367	31.43	30.89	26.382	159.63	0	
"2014-11-26	10:00:00"	5.722	265.9	53.26	14.72	4.228	261.3	56.18	12.33	48.57	49.18	-0.613	28.51	26.95	26.417	337.39	0	
"2014-11-26	11:00:00"	14.53	16.12	19.02	23.07	11.43	19	23.75	17.7	55.95	57.01	-1.055	24.23	22.27	26.444	487.48	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-11-26	12:00:00"	14.41	14.11	14.66	22.47	11.47	14.53	21.33	19.49	55.03	56.57	-1.537	24.98	22.66	26.45	590.27	0
"2014-11-26	13:00:00"	10.27	20.32	19.91	18.89	8.45	23.32	25.31	18.3	55.21	56.94	-1.73	28.19	25.54	26.432	632.24	0
"2014-11-26	14:00:00"	7.023	47.68	23.12	12.93	5.871	49.88	29.4	11.14	55.8	57.4	-1.6	29.94	27.32	26.411	598.51	0
"2014-11-26	15:00:00"	4.153	62.4	76.03	8.75	3.581	58.56	78.82	8.16	57.28	58.33	-1.046	29.51	27.28	26.404	525.42	0
"2014-11-26	16:00:00"	4.123	67.8	49.66	8.16	3.593	71.36	50.38	8.16	58.49	59.37	-0.883	28.82	26.69	26.407	388.66	0
"2014-11-26	17:00:00"	4.956	90.6	29.87	9.35	4.094	90.7	32	8.16	58.82	59.26	-0.441	29.11	27.33	26.412	217.25	0
"2014-11-26	18:00:00"	6.675	99	7.897	8.75	4.202	100.3	10.48	6.368	56.8	55.11	1.692	31.48	31.98	26.422	40.47	0
"2014-11-26	19:00:00"	9.14	94.7	4.693	9.95	4.512	85.1	11.25	6.368	52.91	47.52	5.394	35.14	40.14	26.43	0.0855	0
"2014-11-26	20:00:00"	9.69	82.1	5.748	11.74	5.296	75.73	8.94	7.561	47.47	44.33	3.138	41.79	45.63	26.447	0	0
"2014-11-26	21:00:00"	8.93	75.25	5.444	11.14	5.137	72.73	8.96	7.561	43.43	41.72	1.709	49.86	51.58	26.46	0	0
"2014-11-26	22:00:00"	9.02	80	5.307	11.14	5.189	76.31	9.25	7.561	42.31	40.48	1.83	52.26	54.43	26.472	0	0
"2014-11-26	23:00:00"	8.67	76.56	5.136	9.95	4.495	63	8.75	6.368	41.25	37.94	3.305	54.39	59.25	26.487	0	0
"2014-11-27	00:00:00"	8.15	73.68	8.83	10.54	4.382	59.82	9.22	7.561	40.68	37.51	3.169	56.36	61.04	26.505	0.00029	0
"2014-11-27	01:00:00"	8.53	62.75	7.793	11.14	5.262	59.81	8.91	7.561	39.33	37.78	1.55	59.91	61.76	26.52	0.00115	0
"2014-11-27	02:00:00"	8.21	62.52	7.479	9.95	4.989	58.14	7.81	7.561	38.01	36.14	1.872	64.32	66.66	26.531	0.00509	0
"2014-11-27	03:00:00"	7.95	56.49	6.089	9.95	5.148	54.56	7.742	7.561	37.92	36.73	1.197	66.28	67.57	26.535	0.01008	0
"2014-11-27	04:00:00"	7.755	74.71	12.71	9.35	4.289	64.4	10.96	6.368	37.34	35.35	1.989	67.82	70.11	26.537	0.01008	0
"2014-11-27	05:00:00"	6.396	93.5	11.28	8.75	3.36	63.92	19.42	4.578	36.89	34.34	2.549	69.19	72.16	26.54	0.02111	0
"2014-11-27	06:00:00"	6.37	62.29	8.96	8.16	3.767	37.15	16.93	5.771	36.35	32.55	3.803	70.82	74.71	26.548	0.05816	0
"2014-11-27	07:00:00"	5.633	64.16	8.79	6.964	3.369	31.6	21.27	4.578	36.91	31.25	5.661	69.71	76.57	26.557	0.04061	0
"2014-11-27	08:00:00"	6.5	57.28	24.46	8.75	3.855	43.5	25.03	5.771	34.98	32.13	2.846	72.99	76.53	26.576	11.811	0
"2014-11-27	09:00:00"	6.618	73.8	30.44	11.74	5.056	72.91	32.21	9.95	35.97	35.88	0.098	74.37	74.27	26.596	151.97	0
"2014-11-27	10:00:00"	13.1	142	11.29	18.89	10.33	143	11.85	16.51	42.95	43.49	-0.543	61.66	59.87	26.601	327.83	0
"2014-11-27	11:00:00"	12.76	151.3	12.24	17.7	10.3	151.3	12.41	16.51	47.66	48.53	-0.872	50.59	48.07	26.607	477.49	0
"2014-11-27	12:00:00"	10.92	163	15.32	16.51	8.84	163	17.47	14.72	50.85	52.07	-1.223	44.02	41.04	26.593	580.63	0
"2014-11-27	13:00:00"	9.68	173.5	16.35	15.91	7.864	173.8	19.88	13.52	53.56	54.96	-1.398	39.99	37.22	26.56	624.38	0
"2014-11-27	14:00:00"	10.01	173.7	16.74	15.91	8.14	173.4	19.72	15.31	56.48	57.86	-1.386	34.94	32.43	26.522	591.62	0
"2014-11-27	15:00:00"	10.35	176.8	14.57	16.51	8.45	177.5	17.32	13.52	58.23	59.48	-1.242	32.67	30.27	26.495	521.09	0
"2014-11-27	16:00:00"	11.57	179	9.72	17.7	9.15	178.8	13.26	14.72	59.61	60.59	-0.988	29.87	27.73	26.479	386.93	0
"2014-11-27	17:00:00"	11.5	180.9	8.6	17.1	8.97	182.3	12.88	14.12	59.75	60.1	-0.352	28.8	27.12	26.472	217.9	0
"2014-11-27	18:00:00"	8	186.3	8.35	13.52	5.85	189.3	11.48	11.14	57.96	57.23	0.721	30.26	29.51	26.465	41.469	0
"2014-11-27	19:00:00"	7.961	181.3	7.64	12.93	5.589	180.3	9.68	8.75	54.67	53.36	1.308	33.62	33.58	26.466	0.08186	0
"2014-11-27	20:00:00"	6.522	176.8	8.43	11.14	4.11	174.2	9.49	8.16	51.61	49.94	1.662	37.72	38.28	26.467	0	0
"2014-11-27	21:00:00"	6.619	171.4	7.136	10.54	4.227	173.8	9.77	7.561	50.61	48.86	1.749	39.71	40.8	26.455	0	0
"2014-11-27	22:00:00"	9.07	177.5	7.377	14.12	6.085	175.4	9.79	10.54	49.58	48.05	1.537	40.55	41.55	26.449	0	0
"2014-11-27	23:00:00"	8.41	183.6	8.96	13.52	5.786	186.3	12.33	9.35	46.36	45.34	1.02	45.83	46.06	26.44	0	0
"2014-11-28	00:00:00"	8.64	199.6	9.17	12.93	6.244	203.5	9.67	10.54	43.9	43.26	0.64	51.14	50.72	26.428	0	0
"2014-11-28	01:00:00"	7.742	208.6	12.24	13.52	5.967	208.7	14.15	9.95	43.82	43.34	0.481	53.67	53.06	26.416	0	0
"2014-11-28	02:00:00"	6.823	210.9	12.63	10.54	5.282	208.3	14.38	8.16	41.46	41	0.465	57.85	57.32	26.396	0	0
"2014-11-28	03:00:00"	7.821	214.4	12.2	12.33	5.961	216.4	15.05	9.35	40.66	40.21	0.448	60.75	60.2	26.385	0	0
"2014-11-28	04:00:00"	7.05	214.1	12.41	9.95	5.405	217.7	14.32	8.75	40.4	39.96	0.435	63.4	62.83	26.375	0	0
"2014-11-28	05:00:00"	5.433	221.4	14.64	8.75	3.799	227.1	19.14	7.561	40.02	39.38	0.64	66.01	65.79	26.361	0	0
"2014-11-28	06:00:00"	7.1	215.8	14.57	11.14	5.39	215.2	17.23	8.75	39.75	39.26	0.485	68.02	67.69	26.346	0.00019	0
"2014-11-28	07:00:00"	7.846	220	13.14	11.74	6.164	220.9	16.33	9.95	38.77	38.39	0.384	70.89	70.4	26.336	0.00077	0
"2014-11-28	08:00:00"	6.159	232.3	11.33	10.54	4.491	240.8	15.03	7.561	38.25	37.68	0.569	72.8	72.7	26.336	11.653	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-28	09:00:00"	6.197	227.1	12.78	9.35	4.899	229.5	14.85	8.75	39.35	39.37	-0.023	72	71.11	26.349	154.98	0
"2014-11-28	10:00:00"	6.985	213.8	13.1	11.14	5.907	215.3	16.41	9.95	43.25	43.83	-0.571	63.75	61.88	26.355	333.27	0
"2014-11-28	11:00:00"	7.872	209.6	12.49	11.74	6.528	211	16.74	10.54	50.33	51.29	-0.957	48.51	45.96	26.352	483.12	0
"2014-11-28	12:00:00"	8.48	211.1	14.2	12.93	7.107	213.2	17.46	11.74	57.86	58.8	-0.942	34.3	32.26	26.331	577.16	0
"2014-11-28	13:00:00"	8.74	212.5	15.24	15.91	7.269	214.3	18.04	14.12	62.86	63.89	-1.027	26.5	24.42	26.296	634.94	0
"2014-11-28	14:00:00"	12.08	218.3	15.65	20.09	9.79	219.7	18.76	18.89	66.72	67.59	-0.876	21.61	19.59	26.26	604.98	0
"2014-11-28	15:00:00"	13.41	228.3	14.95	23.07	10.91	232.2	17.99	17.7	69.91	70.48	-0.574	17.58	15.69	26.233	521.96	0
"2014-11-28	16:00:00"	13.83	218.9	14.15	21.87	11.09	221.5	16.63	20.68	71.36	71.72	-0.364	16.28	14.47	26.216	394.93	0
"2014-11-28	17:00:00"	13.09	215.1	12.89	21.28	10.68	216.7	15.63	19.49	71.93	71.91	0.019	14.93	13.25	26.206	222.56	0
"2014-11-28	18:00:00"	7.778	209.7	12.28	12.33	6.066	206.8	13.87	11.14	68.56	67.89	0.67	17	15.68	26.208	42.351	0
"2014-11-28	19:00:00"	7.521	208.5	11.17	10.54	5.607	203.9	10.89	8.16	61.35	60.35	1.002	21.64	20.66	26.21	0.07723	0
"2014-11-28	20:00:00"	7.334	211	11.88	10.54	5.207	206.4	13.18	8.16	58.49	57.38	1.107	23.31	22.57	26.211	0	0
"2014-11-28	21:00:00"	7.254	209.6	11.39	10.54	5.029	211.2	14.22	8.16	55.81	54.64	1.175	24.08	23.59	26.205	0	0
"2014-11-28	22:00:00"	7.754	196.8	7.393	11.74	5.11	202.2	10.43	8.75	52.6	51.19	1.404	26.98	26.82	26.198	0	0
"2014-11-28	23:00:00"	8.79	207.5	11.73	12.33	6.073	206.2	12.21	8.75	51.76	50.56	1.204	28.74	28.4	26.195	0	0
"2014-11-29	00:00:00"	8.39	206.3	11.07	11.74	6.284	203.5	10.07	9.35	48.99	48.1	0.889	31.89	31.31	26.186	0	0
"2014-11-29	01:00:00"	10.4	202.4	9.52	15.91	7.743	204.4	10.56	12.33	45.9	45.26	0.643	36.55	35.86	26.176	0	0
"2014-11-29	02:00:00"	10.5	199.5	8.78	15.31	7.913	203.3	9.25	12.33	44.05	43.52	0.532	46.24	45.35	26.162	0	0
"2014-11-29	03:00:00"	5.807	233.8	20.97	9.95	4.075	248.6	28.22	7.561	42.34	40.95	1.391	50.97	51.48	26.157	0	0
"2014-11-29	04:00:00"	6.619	243	9.45	9.95	4.572	256.7	12.71	8.16	41.46	39.89	1.564	53.5	54.47	26.15	0	0
"2014-11-29	05:00:00"	7.538	231.9	13.36	9.95	5.551	238.6	16.94	8.16	41.24	40.43	0.815	55.04	54.95	26.138	0	0
"2014-11-29	06:00:00"	6.569	233.2	17.25	11.14	4.609	237	21.63	9.35	39.75	38.92	0.832	59.13	59.27	26.131	0.00029	0
"2014-11-29	07:00:00"	5.266	228	12.43	7.561	3.496	231.7	16.39	5.771	39.63	38.69	0.935	59.73	59.95	26.132	0.00019	0
"2014-11-29	08:00:00"	5.891	229.4	12.26	8.16	4.055	230.4	15.66	6.368	39.26	38.37	0.893	59.72	59.65	26.141	11.474	0
"2014-11-29	09:00:00"	5.639	208	14.6	8.75	4.043	206.6	20.4	6.964	39.52	39.17	0.347	63.72	62.94	26.153	157.57	0
"2014-11-29	10:00:00"	7.845	213.4	12.45	13.52	6.509	213.1	15.55	11.74	45.8	46.27	-0.471	52.7	50.92	26.161	339.04	0
"2014-11-29	11:00:00"	8.6	214	12.58	13.52	7.184	216.8	15.75	12.93	52.19	52.94	-0.75	37.77	35.86	26.167	491.92	0
"2014-11-29	12:00:00"	8.92	217.8	15.23	14.72	7.49	220.5	18.31	12.33	59.42	60.24	-0.821	29.7	27.75	26.155	598.43	0
"2014-11-29	13:00:00"	10.19	225	17.44	17.7	8.37	226.4	20.99	15.91	67.29	68.12	-0.825	18.62	16.77	26.125	644.56	0
"2014-11-29	14:00:00"	11.39	204.5	13.23	17.1	9.17	205.5	15.27	14.72	69.43	70.45	-1.025	17.07	15.12	26.094	610.29	0
"2014-11-29	15:00:00"	11.68	204	14.28	17.1	9.31	205.5	16.39	14.72	70.89	71.75	-0.855	15.27	13.39	26.076	535.79	0
"2014-11-29	16:00:00"	10.73	206.7	13.74	17.7	8.64	208.1	15.52	14.72	72.54	73.01	-0.467	14.14	12.38	26.07	394.97	0
"2014-11-29	17:00:00"	9.98	197.6	11.73	15.31	7.794	198.4	12.29	12.93	72.77	72.66	0.107	13.75	12.25	26.066	221.72	0
"2014-11-29	18:00:00"	7.818	194.4	8.23	11.14	5.323	198.1	10.67	9.35	69.48	68.02	1.453	15.93	15.2	26.073	42.109	0
"2014-11-29	19:00:00"	7.485	188.7	7.084	12.33	4.364	195.7	12.79	7.561	64.64	62.16	2.486	18.36	18.73	26.081	0.07158	0
"2014-11-29	20:00:00"	7.212	195.5	6.475	11.14	4.735	203.3	10.23	8.75	62.77	60.91	1.862	18.57	18.22	26.089	0	0
"2014-11-29	21:00:00"	7.339	199.9	9.35	9.95	4.762	198.2	10.41	7.561	58.52	56.7	1.818	22.76	22.65	26.099	0	0
"2014-11-29	22:00:00"	5.429	218.4	12.97	9.35	3.332	215.8	22.22	6.964	54.86	53.27	1.594	26.96	26.94	26.108	0	0
"2014-11-29	23:00:00"	4.377	215.7	13.4	6.368	2.474	214.8	23.64	4.578	52.45	50.42	2.032	29.63	30.47	26.115	0	0
"2014-11-30	00:00:00"	6.175	191	12.23	8.16	3.835	188.4	14.56	6.368	50.32	47.77	2.548	32.36	34.44	26.118	0	0
"2014-11-30	01:00:00"	5.842	189.5	8.04	8.16	3.517	187.9	13.64	5.175	48.68	46.24	2.44	33.79	35.76	26.116	0	0
"2014-11-30	02:00:00"	5.178	214.7	10.61	6.964	3.237	214.6	15.02	5.771	48.26	46.91	1.344	33.05	33.39	26.115	0	0
"2014-11-30	03:00:00"	5.9	204.7	16.23	9.35	3.702	204	19.12	7.561	46.08	44.27	1.813	34.82	36.86	26.118	0	0
"2014-11-30	04:00:00"	6.487	229.9	10.54	9.95	4.656	229.8	12.58	7.561	45.87	44.97	0.897	35.45	35.14	26.12	0	0
"2014-11-30	05:00:00"	6.741	221.4	11.22	9.35	4.714	219.9	12.47	6.964	44.36	43.48	0.876	37.74	37.43	26.119	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-11-30	06:00:00"	6.778	239.5	10.15	8.75	4.481	242.5	17.17	6.964	43.21	41.75	1.457	42.2	41.51	26.123	0
"2014-11-30	07:00:00"	7.329	233.1	10.55	10.54	5.097	238.5	13.46	8.16	42.84	41.88	0.964	50.03	49.3	26.141	0
"2014-11-30	08:00:00"	5.976	242.7	10.25	8.75	3.619	241.1	15.98	6.368	43.79	41.71	2.077	39.27	42.15	26.164	12.097
"2014-11-30	09:00:00"	6.565	246.9	10.45	8.75	4.005	251.2	14.55	5.771	47.8	45.76	2.044	32.03	34.65	26.19	139.07
"2014-11-30	10:00:00"	5.371	240.1	20.5	9.95	4.131	238.9	20.3	8.16	52.07	52.16	-0.086	31.64	31.08	26.219	336.57
"2014-11-30	11:00:00"	9.36	266.3	14.51	15.91	7.02	269.2	17.96	13.52	62.04	62.99	-0.956	22.79	21.11	26.237	490.58
"2014-11-30	12:00:00"	11.22	276.9	13.24	17.7	8.08	282.3	14.91	15.91	68.99	70.27	-1.287	16.35	14.53	26.232	597.11
"2014-11-30	13:00:00"	11.28	276	13.19	16.51	8.23	280.9	14.88	15.91	70.82	72.34	-1.516	14.52	12.64	26.21	639.53
"2014-11-30	14:00:00"	10.92	269.2	16.95	17.1	8.17	274.8	19.68	14.12	72.56	73.97	-1.403	12.36	10.51	26.185	607.01
"2014-11-30	15:00:00"	10.06	263.4	18.24	16.51	7.655	269	20.34	14.72	73.9	75.05	-1.145	10.54	8.77	26.169	534.2
"2014-11-30	16:00:00"	8.41	251.1	19.96	16.51	6.638	255.3	22.81	13.52	74.56	75.28	-0.714	10.23	8.54	26.171	395.38
"2014-11-30	17:00:00"	8.29	245.1	16.31	14.72	6.533	250.8	19.14	12.93	74.6	74.55	0.053	10.83	9.25	26.179	221.49
"2014-11-30	18:00:00"	5.801	234.6	20	10.54	4.016	238.9	24.71	8.16	71.08	69.82	1.26	13.09	12.05	26.198	25.597
"2014-11-30	19:00:00"	5.49	201.4	17.03	8.16	3.639	202.5	20.68	6.368	65.82	64.53	1.289	16.72	15.98	26.218	0.03373
"2014-11-30	20:00:00"	6.453	182	14.07	9.95	4.137	183.1	20.54	7.561	63.22	61.37	1.843	18.22	18.16	26.234	0
"2014-11-30	21:00:00"	8.19	164.3	23.16	14.12	5.471	164.8	39.09	10.54	60.98	59.28	1.702	19.68	19.53	26.244	0
"2014-11-30	22:00:00"	4.183	212.9	23.37	6.964	3.274	210.1	25.43	5.175	58.51	57.05	1.457	22.12	21.8	26.262	0
"2014-11-30	23:00:00"	5.527	249.9	11.13	7.561	3.114	256.5	31.59	4.578	59.23	56.17	3.067	21.71	22.67	26.269	0
"2014-12-01	00:00:00"	2.727	285.1	54.76	5.771	2.266	68.16	55.44	6.368	58.77	53.38	5.388	22.29	25.26	26.269	0
"2014-12-01	01:00:00"	5.683	172.6	12.73	9.95	3.808	173.5	15.52	7.561	51.51	49.2	2.316	29.78	31.31	26.291	0
"2014-12-01	02:00:00"	14.83	47.27	35.95	27.24	11.66	41.46	24.9	24.86	45.79	43.61	2.186	39.53	40.79	26.332	0
"2014-12-01	03:00:00"	21.96	43.52	8.08	29.63	17.69	46.9	9.39	26.05	37.74	37.56	0.182	51.49	50.23	26.368	0
"2014-12-01	04:00:00"	23.85	40.24	7.017	33.21	19.15	43.68	8.84	27.84	32.39	32.38	0.013	52.75	51.34	26.399	0.01468
"2014-12-01	05:00:00"	23.73	37.19	7.656	34.4	18.98	40.74	9.76	29.63	27.55	27.64	-0.092	49.47	47.94	26.426	0.07074
"2014-12-01	06:00:00"	23.25	35.01	7.781	34.4	18.38	38.35	10.31	29.03	24.07	24.21	-0.138	43.91	42.34	26.45	0.07402
"2014-12-01	07:00:00"	20.18	31.64	7.05	30.82	15.92	34.73	10.72	27.84	22.43	22.54	-0.118	40.79	39.29	26.492	0.00768
"2014-12-01	08:00:00"	17.29	26.33	7.049	29.03	13.42	28.7	11.35	23.07	21.52	21.62	-0.096	41.31	39.82	26.538	8.0344
"2014-12-01	09:00:00"	17.45	23.31	7.993	24.86	13.64	25.01	13.91	20.68	21.78	22.3	-0.523	39.93	38.16	26.577	139.97
"2014-12-01	10:00:00"	14.69	17.39	12.9	20.68	11.56	18.16	18.06	18.3	23.15	24.39	-1.244	37.42	35	26.614	315.22
"2014-12-01	11:00:00"	14.7	9.94	11.2	20.68	11.56	8.92	16.78	17.7	25.02	26.81	-1.781	34.6	31.75	26.636	465.75
"2014-12-01	12:00:00"	11.75	13.23	13.46	18.3	9.41	14.31	19.75	16.51	27.65	29.73	-2.078	32.04	29.05	26.626	568.56
"2014-12-01	13:00:00"	10.08	14.34	16.53	15.91	8.21	15.87	21.66	14.12	30.6	32.68	-2.078	30.4	27.43	26.589	572.59
"2014-12-01	14:00:00"	7.842	8.76	21.53	15.31	6.43	10.94	27.38	14.12	33.25	35.39	-2.146	29.51	26.57	26.554	567.72
"2014-12-01	15:00:00"	6.71	357.7	27.78	12.93	5.483	358.7	34.23	11.74	35.87	37.62	-1.756	28.18	25.5	26.543	460.22
"2014-12-01	16:00:00"	6.287	359.3	30.46	11.74	5.122	0.572	33.77	11.14	37.23	38.44	-1.207	27.47	25.22	26.533	271.13
"2014-12-01	17:00:00"	5.852	7.088	15.26	11.14	4.683	7.866	21.5	9.95	37.76	38.43	-0.672	27.32	25.58	26.522	132.37
"2014-12-01	18:00:00"	4.63	13.67	14.88	7.561	3.442	12.12	19.74	6.368	37.38	37.1	0.274	27.86	27.3	26.512	30.408
"2014-12-01	19:00:00"	2.774	50.9	16.99	3.982	1.734	39.54	23.99	2.789	36.66	35.32	1.34	28.21	29.68	26.503	0.15917
"2014-12-01	20:00:00"	3.099	81.1	21.03	4.578	2.062	64.28	29.72	3.982	35.79	34.11	1.689	28.69	30.6	26.513	0.05816
"2014-12-01	21:00:00"	4.264	143.7	9.35	6.964	2.168	135.3	12.13	3.386	34.49	32.19	2.296	30.53	33.03	26.504	0.13709
"2014-12-01	22:00:00"	5.32	126.5	10.49	6.368	2.082	97.1	31.02	3.982	32.79	29.68	3.111	33.07	37.84	26.508	0.11002
"2014-12-01	23:00:00"	5.113	147.7	6.952	6.964	2.744	131.1	17.06	4.578	32.36	30.36	1.997	33.94	36.33	26.51	0.0866
"2014-12-02	00:00:00"	6.39	147.7	8.98	9.95	4.201	142.7	14.48	7.561	30.57	29.68	0.888	36.43	37.03	26.501	0.13844
"2014-12-02	01:00:00"	7.181	153.2	8.58	9.95	5.037	151.1	9.45	8.16	30.29	29.73	0.56	36.61	36.54	26.475	0.13661
"2014-12-02	02:00:00"	5.646	194.3	39.8	9.95	4.032	197.7	46.64	8.16	29.23	28.77	0.463	38.47	38.09	26.445	0.14208

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-12-02	03:00:00"	2.99	244.2	26.32	5.175	1.78	276.3	37.47	3.982	28.79	27.34	1.454	40.22	42.39	26.427	0.07133	0
"2014-12-02	04:00:00"	3.114	226.5	16.19	5.175	2.229	228.6	25.34	3.982	28.84	28.3	0.535	40.39	40.7	26.416	0.03178	0
"2014-12-02	05:00:00"	4.102	204.3	13.7	6.964	2.853	200.7	14.79	4.578	28.1	27.73	0.367	42.42	42.45	26.393	0.0865	0
"2014-12-02	06:00:00"	5.034	210.2	13.63	8.75	3.592	205.8	15.04	6.368	28.75	28.45	0.294	40.68	40.31	26.376	0.0818	0
"2014-12-02	07:00:00"	6.141	194.3	10.73	10.54	4.19	194.5	11.76	8.75	28.91	28.43	0.485	42.68	42.9	26.37	0.09802	0
"2014-12-02	08:00:00"	7.738	179.4	8.07	11.14	5.554	177.6	10.64	8.75	29.85	29.37	0.477	41.6	41.38	26.37	8.8006	0
"2014-12-02	09:00:00"	8.77	187.1	8.92	15.31	6.617	189.6	12.39	14.12	31.6	31.77	-0.171	40.81	39.64	26.365	134.73	0
"2014-12-02	10:00:00"	10.58	189.7	9.68	15.91	8.24	192.6	13.82	12.93	35.32	35.96	-0.647	42.31	40.14	26.372	232.83	0
"2014-12-02	11:00:00"	7.681	201	17.44	12.33	6.164	203.2	20	9.95	37.65	38.5	-0.849	47.02	44.39	26.384	309.62	0
"2014-12-02	12:00:00"	7.374	217.1	17.31	12.93	6.27	220.4	21.24	11.74	41.1	42.35	-1.254	44.66	41.62	26.382	637.32	0
"2014-12-02	13:00:00"	6.398	202.4	22.28	11.74	5.398	203.7	27.71	9.95	45.15	46.52	-1.374	39.58	36.89	26.348	605.62	0
"2014-12-02	14:00:00"	5.778	200.4	20.32	9.95	4.804	203.6	26.23	9.35	48.24	49.26	-1.014	37.81	35.54	26.306	373.08	0
"2014-12-02	15:00:00"	8.27	180.4	12.83	14.72	6.684	182.7	17.56	12.93	51.71	52.76	-1.052	35.34	33.08	26.281	393.26	0
"2014-12-02	16:00:00"	8.65	187.5	14.03	14.12	6.91	189.1	17.65	11.74	53.46	54.36	-0.902	37.2	35.01	26.262	316.58	0
"2014-12-02	17:00:00"	8.63	186.4	10.2	13.52	6.775	188.2	13.94	11.14	54.63	55.14	-0.505	37.72	35.88	26.246	217.29	0
"2014-12-02	18:00:00"	6.909	196.6	7.681	10.54	5.074	200.9	9.58	9.35	53.95	53.48	0.468	38.54	37.65	26.245	38.079	0
"2014-12-02	19:00:00"	5.949	194.5	8.67	8.75	3.781	194.2	11.4	5.771	51.68	50.47	1.209	42.7	42.73	26.245	0.014	0
"2014-12-02	20:00:00"	7.025	191	9.91	11.14	4.443	193.3	13.72	8.16	50.16	48.74	1.414	48.4	48.84	26.25	0	0
"2014-12-02	21:00:00"	5.398	225.1	13.64	9.35	3.81	222.9	15.71	6.964	48.9	48.25	0.648	50.4	50.05	26.252	0	0
"2014-12-02	22:00:00"	5.194	208.3	16.74	7.561	3.115	207	18.81	5.175	48.42	47.25	1.176	50.13	50.45	26.246	0	0
"2014-12-02	23:00:00"	5.953	197.8	9.79	8.16	3.857	202.8	12.04	5.771	48.21	47.42	0.789	54.85	54.67	26.244	0	0
"2014-12-03	00:00:00"	6.085	205.3	10.59	8.16	4.387	207.6	12.62	6.368	48.26	47.75	0.508	57.31	56.6	26.243	0	0
"2014-12-03	01:00:00"	7.199	196.7	8.6	9.95	5.185	200.8	10.28	8.16	47.24	46.8	0.441	61.01	60.3	26.227	0	0
"2014-12-03	02:00:00"	5.743	213.4	16.18	8.75	4.299	216.6	18.09	7.561	46.63	46.35	0.282	62.96	62.21	26.217	0	0
"2014-12-03	03:00:00"	6.858	219.2	13.15	12.33	5.474	221.2	15.62	10.54	45.58	45.32	0.252	64.33	63.59	26.21	0	0
"2014-12-03	04:00:00"	7.079	222.7	16.23	11.14	5.643	223.8	20.89	9.35	44.64	44.51	0.126	64.94	64.06	26.205	0	0
"2014-12-03	05:00:00"	7.435	243.3	14.76	14.12	5.89	249.8	17.08	13.52	44.21	44.1	0.113	64.98	64.1	26.212	0	0
"2014-12-03	06:00:00"	5.586	245.5	19.51	8.75	4.034	251.1	24.51	6.964	43.94	43.72	0.214	65.49	64.87	26.212	0	0
"2014-12-03	07:00:00"	5.584	244.5	14.11	8.16	4.113	249.2	18.54	6.368	44.35	44.2	0.15	65.02	64.32	26.223	0	0
"2014-12-03	08:00:00"	4.991	255.5	26.35	7.561	3.146	262.1	34.39	6.368	45.54	44.59	0.948	62.76	63.79	26.235	2.3088	0
"2014-12-03	09:00:00"	4.458	231.3	24.77	8.16	3.566	232.7	29.93	7.561	44.8	44.87	-0.076	64.92	63.87	26.259	61.35	0
"2014-12-03	10:00:00"	4.583	223.5	19.2	9.35	3.818	224.4	21.01	6.964	48.2	48.58	-0.381	59.53	57.94	26.278	179.22	0
"2014-12-03	11:00:00"	5.294	242.7	17.61	8.16	4.456	245.7	19.7	6.964	53.89	54.56	-0.675	47.55	45.41	26.292	296.91	0
"2014-12-03	12:00:00"	5.188	246	17.28	9.35	4.407	246.9	19.33	8.16	59.26	60.09	-0.834	39.58	37.47	26.284	504.76	0
"2014-12-03	13:00:00"	5.522	272.9	24.79	11.14	4.266	273.2	29.59	9.95	67.01	68.25	-1.234	25.81	23.78	26.258	598.99	0
"2014-12-03	14:00:00"	6.661	286.5	36.55	15.31	5.198	286.7	38.94	12.33	71.76	73.07	-1.309	16.78	14.86	26.23	569.18	0
"2014-12-03	15:00:00"	5.735	326.6	36.07	13.52	4.44	328.6	35.26	12.33	73.87	75.02	-1.152	13.97	12.08	26.215	472.92	0
"2014-12-03	16:00:00"	6.505	353.8	23.92	11.74	5.068	353.9	26.4	10.54	73.79	74.75	-0.959	15.93	14.04	26.213	324.46	0
"2014-12-03	17:00:00"	5.879	14.41	19.51	10.54	4.359	16.74	22.77	8.75	72.8	72.82	-0.015	19.78	18.44	26.215	181.22	0
"2014-12-03	18:00:00"	7.854	96	21.1	13.52	5.306	98.8	21.41	9.95	68.57	66.99	1.578	19.38	19.08	26.231	25.055	0
"2014-12-03	19:00:00"	7.881	85.6	6.389	11.74	4.386	82.9	9.62	8.16	62.99	59.46	3.531	22.14	23.7	26.259	0.03296	0
"2014-12-03	20:00:00"	8.45	77.25	8.9	10.54	4.319	65.27	11.8	5.771	59.01	53.77	5.238	24.48	28.84	26.281	0	0
"2014-12-03	21:00:00"	8.73	84	7.959	10.54	4.658	70.84	10.34	6.368	56.92	51.67	5.251	26.23	30.63	26.277	0	0
"2014-12-03	22:00:00"	8.48	100.7	6.519	11.74	4.242	87.9	16.77	7.561	54.34	50.04	4.294	31.19	34.31	26.279	0	0
"2014-12-03	23:00:00"	8.69	74.34	8.09	10.54	5.042	64.94	9.2	6.964	50.5	47.7	2.802	45.35	47.13	26.29	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2014-12-04	00:00:00"	8.06	71.96	5.366	9.95	4.516	63.42	9.09	6.368	47.77	45.42	2.349	58.54	59.43	26.285	0	0
"2014-12-04	01:00:00"	8.07	67.89	7.35	9.35	4.759	63.91	9.99	6.368	45.35	43.69	1.663	65.27	66.22	26.274	0	0
"2014-12-04	02:00:00"	7.815	53.33	22.7	9.95	5.217	50.55	22.98	8.75	43.51	42.2	1.316	70.44	71.05	26.255	0	0
"2014-12-04	03:00:00"	8.05	34.6	6.605	11.74	5.854	34.28	9.97	8.75	41.53	40.84	0.692	72.91	72.63	26.251	0	0
"2014-12-04	04:00:00"	8.1	37.4	7.56	9.95	5.892	39.23	11.31	8.75	40.65	39.88	0.762	77.14	76.83	26.243	0	0
"2014-12-04	05:00:00"	7.56	43.7	6.786	9.95	5.567	43.54	8.89	8.16	40.19	39.55	0.636	80	79.5	26.231	0	0
"2014-12-04	06:00:00"	7.428	68.24	11.66	10.54	5.144	69.22	11.74	8.75	39.47	39.2	0.271	84.3	83.2	26.23	0.03607	0
"2014-12-04	07:00:00"	5.529	84.9	16.68	7.561	3.918	85.5	18.57	6.368	39.2	39.17	0.03	88.2	87.5	26.237	0.4586	0
"2014-12-04	08:00:00"	4.687	137.1	18.57	8.16	3.247	138.7	19.54	6.368	40.51	40.4	0.108	89.2	88.5	26.249	3.6475	0
"2014-12-04	09:00:00"	5.648	175.9	23.16	21.28	5.244	169	12.65	11.14	44.51	44.47	0.038	90.2	89.5	26.266	33.547	0
"2014-12-04	10:00:00"	4.839	170.9	26.09	8.16	6.812	163.1	34.24	23.07	46.64	46.43	0.215	90.4	89.8	26.274	74.887	0.1
"2014-12-04	11:00:00"	4.45	186.1	27.37	8.16	4.706	168.4	17.1	8.75	47.28	47.25	0.033	90.6	90	26.279	111.74	0
"2014-12-04	12:00:00"	7.578	165.1	13.55	12.93	6.404	167.2	17.9	11.74	48.11	48.41	-0.294	90.7	90	26.26	162.77	0
"2014-12-04	13:00:00"	7.851	169.9	13.41	13.52	6.515	172.6	18.56	11.74	50.4	50.83	-0.434	88.7	86.2	26.224	289.88	0
"2014-12-04	14:00:00"	8.7	178.3	14.18	12.93	6.925	181.9	18.01	10.54	53.35	54.08	-0.731	77.43	74.62	26.199	203.16	0
"2014-12-04	15:00:00"	6.469	182.3	12.19	10.54	5.157	186	17.38	9.35	55.59	55.93	-0.342	72.76	70.93	26.169	118.43	0
"2014-12-04	16:00:00"	8.11	152.9	15.88	12.33	6.403	153.1	18.47	11.14	57.29	57.56	-0.267	68.11	66.41	26.148	107.31	0
"2014-12-04	17:00:00"	7.498	141.8	11.71	11.14	5.773	142	12.72	9.35	58.57	58.5	0.062	65.16	64.01	26.143	59.083	0
"2014-12-04	18:00:00"	6.959	151.2	9.3	9.35	5.202	151	10.8	8.16	57.41	56.95	0.462	65.98	65.57	26.149	12.677	0
"2014-12-04	19:00:00"	5.68	167.5	9.01	9.35	3.841	166.4	12.48	6.368	55.62	55.01	0.617	69.7	69.7	26.167	0.01754	0
"2014-12-04	20:00:00"	6.995	163	10.89	10.54	4.866	159.4	14	8.16	55.28	54.6	0.681	71.22	71.36	26.181	0	0
"2014-12-04	21:00:00"	7.761	178.2	8.72	11.14	5.755	180	13.23	9.95	54.15	53.82	0.328	75.08	74.58	26.188	0	0
"2014-12-04	22:00:00"	6.288	190.1	10.17	9.35	4.568	194.6	12.86	7.561	52.9	52.53	0.373	78.45	77.95	26.196	0	0
"2014-12-04	23:00:00"	5.683	185	13.46	8.75	3.915	188.8	19.39	6.368	51.32	50.58	0.739	82.3	82	26.185	0	0
"2014-12-05	00:00:00"	7.772	195	9	11.14	5.61	199.3	9.81	8.16	49.7	49.13	0.576	86.3	85.8	26.183	0.13877	0
"2014-12-05	01:00:00"	6.571	201.7	10.07	10.54	5.195	199.4	10.69	8.16	48.42	48.1	0.32	88.4	87.6	26.181	0.34456	0
"2014-12-05	02:00:00"	6.64	201.2	10.91	10.54	5.145	200.7	12.19	8.16	47.97	47.69	0.275	89.8	89.1	26.173	0.4094	0
"2014-12-05	03:00:00"	7.241	204.2	11.5	12.33	5.92	207.9	15.3	9.95	47.89	47.86	0.031	90.2	89.6	26.178	0.68798	0
"2014-12-05	04:00:00"	7.128	205.4	14.66	11.14	5.78	210.8	17.91	9.35	46.04	46.04	0.001	90.1	89.5	26.183	0.66449	0
"2014-12-05	05:00:00"	5.465	222.2	12.71	8.16	4.546	230.9	16.27	7.561	45.83	45.81	0.023	90.2	89.7	26.193	0.6998	0
"2014-12-05	06:00:00"	4.865	210.9	24.73	7.561	3.897	214	30.91	6.368	43.96	43.87	0.095	89.8	89.3	26.206	0.70135	0
"2014-12-05	07:00:00"	4.973	261.8	37.43	8.75	2.539	272.9	48.24	4.578	43.81	41.78	2.031	90.1	89.3	26.231	0.68489	0
"2014-12-05	08:00:00"	5.62	256.9	14.98	9.95	3.368	262.6	25.82	5.771	45.58	44.14	1.445	90.2	89.5	26.253	7.0815	0
"2014-12-05	09:00:00"	7.332	271.9	14.97	12.93	4.69	276.7	18.82	9.95	46.1	46.5	-0.403	84.4	88.1	26.277	130.18	0
"2014-12-05	10:00:00"	16.65	311.2	8.91	27.84	11.09	317.8	10.62	22.47	52.71	53.7	-0.991	62.57	65.01	26.296	302.74	0
"2014-12-05	11:00:00"	18.49	313.6	9.84	26.65	13.14	320.8	10.81	23.66	60.14	60.9	-0.758	45.53	43.67	26.321	452.4	0
"2014-12-05	12:00:00"	16.73	327.9	13.01	24.86	12.69	331.2	12.04	19.49	63.16	64.49	-1.334	39.91	37.4	26.336	556.95	0
"2014-12-05	13:00:00"	14.05	342.8	18.23	21.28	11.08	340.5	13.96	17.7	65.27	66.97	-1.698	35.89	33.15	26.327	603.85	0
"2014-12-05	14:00:00"	13.07	347.1	18.95	20.09	10.21	342.7	17.33	17.1	66.65	68.46	-1.811	32.8	29.98	26.315	571.04	0
"2014-12-05	15:00:00"	11.67	344.4	18.59	18.89	9.06	339	17.67	15.91	67.43	69.09	-1.661	31.7	28.98	26.314	498.59	0
"2014-12-05	16:00:00"	9.59	352.1	17.86	17.1	7.54	344.6	18.29	15.91	67.77	68.99	-1.22	31.87	29.43	26.319	348.51	0
"2014-12-05	17:00:00"	7.273	359.3	13.07	14.12	5.346	350.6	14.64	12.33	67.3	67.01	0.284	31.59	30.49	26.347	112.9	0
"2014-12-05	18:00:00"	3.757	8.25	23.91	6.368	2.64	0.508	26.43	3.982	65.84	63.89	1.949	32.87	33.19	26.365	22.194	0
"2014-12-05	19:00:00"	4.54	54.74	8.66	5.771	3.015	36.59	11.91	3.982	64.23	59.23	4.997	34.81	39.04	26.385	0.02003	0
"2014-12-05	20:00:00"	7.235	84.2	7.711	9.35	3.934	62.9	9.23	5.771	59.16	54.18	4.978	39.57	45.75	26.412	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-05	21:00:00"	9.32	69.32	7.344	11.14	5.068	56.62	6.183	7.561	54.87	50.65	4.226	44.14	50.7	26.435	0
"2014-12-05	22:00:00"	9.8	55.74	6.283	14.12	6.765	47.53	8.11	9.95	53.17	51.48	1.688	48.42	49.98	26.459	0
"2014-12-05	23:00:00"	10.92	54.73	6.977	14.72	8.14	45.64	7.914	11.74	51.37	50.29	1.082	54.28	54.61	26.472	0
"2014-12-06	00:00:00"	10.58	55.22	6.572	14.12	7.828	45.51	7.978	11.14	49.79	48.7	1.084	59.68	60.15	26.485	0
"2014-12-06	01:00:00"	11.8	49.04	6.924	15.91	8.6	38.85	8.55	12.93	48.72	47.51	1.207	62.75	63.52	26.49	0
"2014-12-06	02:00:00"	11.57	51.4	7.448	14.72	8.44	41.4	8.86	11.74	48.44	47.31	1.132	63.56	64.4	26.495	0
"2014-12-06	03:00:00"	12.25	49.07	6.513	15.91	9.12	39.61	8.12	12.93	47.11	46.18	0.927	66.31	66.93	26.51	0
"2014-12-06	04:00:00"	12.07	48.55	6.334	16.51	8.99	39.83	8	13.52	46.29	45.4	0.891	68.19	68.74	26.511	0
"2014-12-06	05:00:00"	10.83	49.74	6.908	14.72	7.981	40.73	8.11	11.74	44.47	43.62	0.847	71.52	72.02	26.509	0
"2014-12-06	06:00:00"	10.32	48.25	7.755	14.72	7.423	38.01	10.3	11.74	43.29	42.23	1.054	73.76	74.49	26.514	0
"2014-12-06	07:00:00"	9.69	53.99	8.74	15.91	7.166	44.62	11.04	12.93	44.08	43.23	0.853	74.18	74.67	26.529	0
"2014-12-06	08:00:00"	7.366	51.1	10.18	11.14	5.159	38.46	15.08	8.75	43.4	42.48	0.918	75.92	76.44	26.55	4.2516
"2014-12-06	09:00:00"	6.086	47.94	10.12	9.35	4.319	33.63	14.22	6.964	42.97	42.31	0.665	77.56	77.95	26.572	48.729
"2014-12-06	10:00:00"	4.521	65.17	26.35	8.75	3.675	54.78	30.51	7.561	45.32	45.63	-0.304	76.49	75.22	26.605	188.77
"2014-12-06	11:00:00"	8.54	114.2	13.45	12.93	6.961	108	16.1	11.74	50.56	51.36	-0.802	69.83	67.36	26.622	421.52
"2014-12-06	12:00:00"	9.24	119.2	15.09	15.91	7.611	113.2	17.83	12.93	54.51	55.48	-0.978	56.28	53.47	26.623	523.46
"2014-12-06	13:00:00"	11.83	129.5	12.97	18.3	9.62	123.8	15.02	15.31	56.75	58.11	-1.363	48.34	44.87	26.591	538.79
"2014-12-06	14:00:00"	11.33	114	12.52	18.89	9.2	108	15.22	14.72	57.82	58.85	-1.032	45.78	42.72	26.559	405.58
"2014-12-06	15:00:00"	10.87	105.3	12.78	17.7	8.89	98.3	14.68	14.72	59.21	60.09	-0.885	43.1	40.26	26.536	395.26
"2014-12-06	16:00:00"	12.03	104.3	10.49	23.07	9.7	97.7	12.75	20.09	59.32	60.01	-0.69	43.4	40.82	26.521	305.98
"2014-12-06	17:00:00"	13.59	109.2	9.25	20.09	10.7	103.2	11.48	16.51	58.66	58.99	-0.33	42.89	40.77	26.512	175.1
"2014-12-06	18:00:00"	10.62	107.4	6.582	16.51	7.906	100.3	8.37	13.52	56.1	55.67	0.432	45.93	44.93	26.515	32.279
"2014-12-06	19:00:00"	7.372	85.5	12.82	10.54	4.139	68.8	15.06	7.561	52.16	49.94	2.213	53.01	54.92	26.519	0.01543
"2014-12-06	20:00:00"	8.07	84.2	7.288	10.54	4.664	73.27	10.76	7.561	49.97	48.47	1.502	58.49	59.71	26.53	0
"2014-12-06	21:00:00"	8.03	92.5	5.953	10.54	5.377	82.9	7.914	7.561	48.81	48.28	0.534	62.92	62.64	26.537	0
"2014-12-06	22:00:00"	7.536	84.1	6.747	9.95	5.151	74.63	8.53	7.561	48.62	48.17	0.452	64.59	64.27	26.545	0
"2014-12-06	23:00:00"	7.777	84.5	9.68	11.14	5.65	75.95	11.88	9.95	48.48	48.17	0.311	65.79	65.2	26.547	0
"2014-12-07	00:00:00"	8.12	91.5	9.31	11.14	5.69	82.1	10.82	8.16	47.24	46.9	0.334	69.15	68.6	26.549	0
"2014-12-07	01:00:00"	8.55	92.4	6.622	11.74	6.283	84.4	8.23	9.35	46.21	46.07	0.139	73.97	73.02	26.528	0
"2014-12-07	02:00:00"	7.212	95.2	6.129	9.95	5.112	85.5	7.943	8.16	45.44	45.25	0.195	77.04	76.14	26.518	0
"2014-12-07	03:00:00"	6.917	77.23	13.4	9.95	4.38	65.05	16.72	6.368	43.84	43.18	0.665	80.6	80.1	26.515	0
"2014-12-07	04:00:00"	6.933	70.27	9.25	9.95	5.056	62.13	11.46	7.561	43.46	43.39	0.062	83.3	82.3	26.509	0
"2014-12-07	05:00:00"	6.571	81.9	17.69	9.35	4.908	73.54	18.09	7.561	43.72	43.7	0.016	85	84.1	26.501	0
"2014-12-07	06:00:00"	7.303	114.1	15.94	13.52	5.415	106.9	18.61	11.74	43.72	43.72	-0.008	86.3	85.2	26.492	0
"2014-12-07	07:00:00"	11.19	132.3	8.34	16.51	8.5	126.5	10.43	15.91	44.05	44.18	-0.137	87.4	86.1	26.481	0
"2014-12-07	08:00:00"	8.27	121.3	12.14	12.93	6.39	115.3	14.02	9.95	44	44.13	-0.13	87.3	86.1	26.486	1.5404
"2014-12-07	09:00:00"	11.35	136.1	16.64	17.1	8.79	128.8	18.26	15.31	44.3	44.47	-0.17	86.9	85.9	26.484	24.038
"2014-12-07	10:00:00"	9.12	164.6	13.42	17.1	7.194	156.3	14.3	15.31	44.94	45.14	-0.196	86.6	85.9	26.498	53.493
"2014-12-07	11:00:00"	4.492	173.5	20.63	8.75	3.59	170.2	26	7.561	45.85	46.19	-0.332	86.1	85.6	26.51	108.83
"2014-12-07	12:00:00"	4.328	189.1	18.36	7.561	3.478	183.6	23.22	6.964	47.23	47.63	-0.407	83.7	82.9	26.507	131.12
"2014-12-07	13:00:00"	3.925	199.2	27.2	7.561	3.26	192.9	32.14	5.771	48.15	48.61	-0.463	82.2	81	26.478	131.86
"2014-12-07	14:00:00"	4.751	238.6	25.83	7.561	3.922	236.7	31.06	6.964	49.17	49.72	-0.553	80.6	79.12	26.452	159.36
"2014-12-07	15:00:00"	3.697	261.1	46.85	7.561	2.948	264.4	52.16	6.368	50.47	51.1	-0.635	78.3	76.34	26.431	174.38
"2014-12-07	16:00:00"	5.953	195.3	21.6	11.14	4.877	190	26.2	9.95	51.61	52.3	-0.692	75.8	73.72	26.408	208.6
"2014-12-07	17:00:00"	5.478	157.6	21.76	9.95	4.542	150.1	23.63	8.75	51.27	51.82	-0.545	76.81	74.78	26.409	170.18

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-07	18:00:00"	5.242	162.4	14.59	8.16	3.876	152.6	16.19	6.964	50.46	50.29	0.167	79.1	78.16	26.403	27.526	0
"2014-12-07	19:00:00"	6.273	178.3	15.71	10.54	4.717	170.4	18.76	8.16	49.34	49.14	0.203	82.2	81.6	26.409	0.06721	0
"2014-12-07	20:00:00"	5.074	194.3	15.78	9.95	3.849	188.1	19.76	7.561	49.72	49.52	0.204	81.9	81.4	26.419	0	0
"2014-12-07	21:00:00"	4.929	227.9	33.02	9.95	3.59	225.1	39.36	7.561	48.32	47.98	0.335	84.2	83.5	26.438	0	0
"2014-12-07	22:00:00"	3.171	169.9	12.68	4.578	2.054	152.6	16.65	4.578	46.21	45.11	1.105	88	87.3	26.432	0.15298	0
"2014-12-07	23:00:00"	1.925	162.9	96.7	3.982	2.695	18.06	61.62	4.578	44.38	40.12	4.263	89.3	87.6	26.435	0.34539	0
"2014-12-08	00:00:00"	3.856	350.5	10.17	5.771	3.484	10.24	13.54	4.578	43.8	37.42	6.384	89.7	88.1	26.448	0.34539	0
"2014-12-08	01:00:00"	2.986	11.5	21.87	5.175	3.431	13.97	11.96	5.175	43.71	36.66	7.045	89.9	88.2	26.448	0.34541	0
"2014-12-08	02:00:00"	2.743	350.8	30.38	5.175	3.624	357.9	11.2	4.578	43.11	35.54	7.565	89.8	88.1	26.439	0.34545	0
"2014-12-08	03:00:00"	5.505	333	9.53	7.561	3.016	337.9	10.41	5.175	39.06	36.22	2.844	89.1	88.4	26.446	0.34546	0
"2014-12-08	04:00:00"	5.19	346.4	14.76	6.368	3.129	350.7	15.64	4.578	36.43	34.46	1.968	88.8	88	26.45	0.34546	0
"2014-12-08	05:00:00"	5.407	331.7	10.33	6.964	2.994	341.6	14.99	4.578	36.74	34.35	2.394	89	88.1	26.449	0.34546	0
"2014-12-08	06:00:00"	4.739	331	7.684	6.368	2.864	330.7	9.95	5.175	35.87	35.41	0.458	88.8	88.4	26.455	0.34548	0
"2014-12-08	07:00:00"	4.95	339.8	11.24	8.16	3.401	337.1	11.94	6.964	36.18	35.96	0.222	88.9	88.5	26.47	0.34546	0
"2014-12-08	08:00:00"	4.751	344.5	12.64	6.964	3.174	342	13.95	5.175	35.47	35.19	0.283	88.8	88.4	26.491	4.0628	0
"2014-12-08	09:00:00"	2.765	350.1	21.6	5.175	2.074	341	19.51	3.982	37.04	37.21	-0.168	89.2	89.1	26.514	106.35	0
"2014-12-08	10:00:00"	4.179	326.9	54.49	8.16	3.525	312.9	59.77	6.964	44.52	44.99	-0.47	90.5	92.3	26.538	296.3	0
"2014-12-08	11:00:00"	6.174	33.17	12.8	9.35	5.005	26.9	16.85	8.16	50	51.4	-1.399	82.6	82.2	26.542	449.49	0
"2014-12-08	12:00:00"	6.011	67.25	20.86	10.54	4.993	60.91	23.28	8.75	56.51	56.42	0.085	58.86	56.28	26.527	553.61	0
"2014-12-08	13:00:00"	6.588	135.1	25.77	12.93	5.521	129.4	27.71	9.95	60.78	61.75	-0.97	48.66	46.15	26.496	573.2	0
"2014-12-08	14:00:00"	9.12	174.1	15.57	14.72	7.47	166.2	18.24	12.33	61.08	62.42	-1.336	49.95	46.79	26.47	573.27	0
"2014-12-08	15:00:00"	8.9	191.7	20.88	14.72	7.232	185	23.91	12.33	60.43	61.69	-1.253	53.11	49.87	26.455	495.83	0
"2014-12-08	16:00:00"	7.756	216.9	16.48	13.52	6.368	212	20.23	10.54	59.29	60.1	-0.817	56.13	53.39	26.45	354.05	0
"2014-12-08	17:00:00"	7.079	207.2	14.58	11.14	5.771	200.6	16.61	8.75	58.83	59.28	-0.454	57.87	55.67	26.452	198.57	0
"2014-12-08	18:00:00"	5.243	199.5	13.29	9.35	3.92	190	14.67	7.561	56.36	55.95	0.409	63.17	62.42	26.454	16.961	0
"2014-12-08	19:00:00"	5.187	183.3	8.38	8.16	3.856	173.8	10.25	6.368	51.89	51.42	0.471	73.01	72.33	26.458	0.01304	0
"2014-12-08	20:00:00"	4.435	170.9	9.66	6.964	3.117	159.5	16.51	5.771	49.46	48.75	0.708	79.36	79.19	26.46	0	0
"2014-12-08	21:00:00"	4.23	201.3	25.92	6.964	3.002	195.9	49.63	5.771	47.93	47.17	0.755	83	82.5	26.465	0	0
"2014-12-08	22:00:00"	2.956	242	6.425	4.578	1.701	282.5	26.57	3.386	47.76	45.72	2.041	84	85.3	26.471	0	0
"2014-12-08	23:00:00"	2.263	173	46.06	3.982	2.527	13.58	34.38	3.982	48.62	43.49	5.13	82.5	87.6	26.476	0.0708	0
"2014-12-09	00:00:00"	1.711	155.4	25.93	3.386	2.759	9.34	19.91	4.578	48.84	43.96	4.881	81.8	88.2	26.481	0.3452	0
"2014-12-09	01:00:00"	3.216	234.3	28.2	5.771	2.036	284.5	38.33	4.578	49.12	46.16	2.961	81.4	86.1	26.484	0.34539	0
"2014-12-09	02:00:00"	3.547	293.9	16.45	5.175	2.655	323.9	12.92	3.982	47.8	42.64	5.154	84.9	88.1	26.477	0.3452	0
"2014-12-09	03:00:00"	1.367	342	50.69	2.789	3.393	8.93	16.6	5.175	48.58	41.38	7.192	83.1	88.4	26.471	0.34539	0
"2014-12-09	04:00:00"	1.844	1.444	69.15	4.578	2.918	26.17	16.17	4.578	48.55	39.88	8.67	82.3	89.4	26.469	0.34539	0
"2014-12-09	05:00:00"	3.41	247.2	14.03	4.578	2.151	293.1	31.44	3.386	49.33	45.07	4.263	79.53	89	26.464	0.34539	0
"2014-12-09	06:00:00"	5.726	305.5	14.05	8.75	2.669	314.8	13.11	4.578	44.66	40.15	4.506	85.1	87.4	26.464	0.34539	0
"2014-12-09	07:00:00"	7.708	342.6	16.43	8.75	3.793	343.6	23.56	5.175	43.11	38.46	4.646	87.4	87.4	26.47	0.34539	0
"2014-12-09	08:00:00"	7.535	22.64	6.104	9.35	4.5	17.82	9.35	6.368	40.89	38.74	2.148	88	88.2	26.466	5.3389	0
"2014-12-09	09:00:00"	5.693	45.83	6.065	8.16	4.147	32.11	10.12	5.771	42.67	41.67	1.003	89.3	89.1	26.469	80.44	0
"2014-12-09	10:00:00"	4.462	63.26	22.53	8.75	3.897	53.03	23.83	8.16	48.05	48.29	-0.244	84.4	85	26.486	269.2	0
"2014-12-09	11:00:00"	11.15	172	17.6	18.3	8.89	163.3	18.26	15.91	52.14	52.71	-0.572	78.73	77.17	26.499	221.69	0
"2014-12-09	12:00:00"	9.57	173.5	12.67	15.31	7.651	164.3	14.57	11.74	49.55	50.07	-0.518	85.9	84.2	26.491	116.65	0
"2014-12-09	13:00:00"	8.16	176.2	12.37	12.93	6.514	167.9	14.82	11.14	49.4	50.11	-0.704	86.9	84.8	26.469	162.88	0
"2014-12-09	14:00:00"	7.42	176.3	16.56	12.93	6.026	168.2	19.18	10.54	50.15	50.88	-0.728	84.7	82.4	26.439	157.56	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-09	15:00:00"	7.031	177.4	13.78	10.54	5.682	170.4	16.29	9.35	51.27	51.81	-0.54	82.7	80.7	26.415	106.05	0	
"2014-12-09	16:00:00"	8.85	145.9	15.36	14.72	6.963	138.1	15.47	12.33	52.78	53.19	-0.409	79.83	78.09	26.397	75.204	0	
"2014-12-09	17:00:00"	7.619	132.4	17.97	11.14	6.04	125.4	18.77	10.54	53.69	53.95	-0.26	77.21	75.77	26.384	64.098	0	
"2014-12-09	18:00:00"	7.234	115	7.877	10.54	5.67	107.7	10.18	8.75	53.47	53.52	-0.052	78.87	77.79	26.387	13.421	0	
"2014-12-09	19:00:00"	6.816	104	11.6	11.74	5.149	95.9	13.04	9.35	52.96	52.86	0.1	80.4	79.67	26.386	0	0	
"2014-12-09	20:00:00"	7.642	116.3	6.488	11.74	5.803	109.8	9.47	9.95	52.2	52.08	0.119	82.9	82.2	26.386	0	0	
"2014-12-09	21:00:00"	6.567	125.6	9.7	9.35	4.922	118	11.36	7.561	51.88	51.79	0.091	84.1	83.4	26.392	0	0	
"2014-12-09	22:00:00"	6.9	154.8	11.25	9.95	5.317	145.8	11.21	8.75	52.43	52.33	0.101	83.2	82.6	26.384	0	0	
"2014-12-09	23:00:00"	4.677	162.2	12.61	7.561	3.549	153.7	13.41	6.368	52.44	52.34	0.098	83.5	82.9	26.387	0	0	
"2014-12-10	00:00:00"	5.416	173.1	8.73	9.95	4.084	163.7	11.17	8.16	52.17	52.05	0.118	84.1	83.5	26.387	0	0	
"2014-12-10	01:00:00"	8.86	183.2	8.09	13.52	6.775	175.1	10.77	11.14	52.24	52.17	0.068	84.8	84.1	26.374	0	0	
"2014-12-10	02:00:00"	11.77	182.2	7.133	17.1	9.03	173.6	10.47	14.72	52.02	52.02	-0.008	86.5	85.7	26.352	0	0	
"2014-12-10	03:00:00"	11.03	183.9	9.71	18.3	8.51	176.5	13.6	13.52	51.41	51.47	-0.056	88	87.1	26.338	0	0	
"2014-12-10	04:00:00"	7.906	175.8	18.19	14.72	6.325	168.6	21.63	14.12	50.92	50.98	-0.06	88.2	87.3	26.322	0	0	
"2014-12-10	05:00:00"	4.521	182.3	15.57	8.16	3.484	175	20.1	6.368	50.63	50.69	-0.064	88.8	87.8	26.321	0	0	
"2014-12-10	06:00:00"	4.434	147.2	20.54	12.93	3.511	138	17.82	9.35	50.44	50.5	-0.054	88.2	87.3	26.306	0	0	
"2014-12-10	07:00:00"	8.95	164.1	10.95	14.72	7.235	154.4	11.67	12.93	50.52	50.55	-0.03	88	87.2	26.305	0	0	
"2014-12-10	08:00:00"	10.07	174.9	8.02	14.12	7.866	166.2	10.71	11.74	50.59	50.64	-0.049	88.3	87.5	26.31	0.56686	0	
"2014-12-10	09:00:00"	10.71	176.2	7.975	15.31	8.28	167.3	10.29	12.93	50.4	50.52	-0.121	88.2	87.4	26.316	26.179	0	
"2014-12-10	10:00:00"	10.22	184.3	8.98	14.72	8	176.1	13.09	12.93	51	51.36	-0.362	84.7	83.5	26.328	94.567	0	
"2014-12-10	11:00:00"	6.959	195.1	22.1	12.93	5.605	189.4	26.39	10.54	51.8	52.36	-0.56	83.1	81.3	26.337	156.75	0	
"2014-12-10	12:00:00"	3.217	184.2	83.8	9.35	2.903	198.7	81.3	8.16	54.49	55.32	-0.829	77.2	74.8	26.33	490.38	0	
"2014-12-10	13:00:00"	5.544	159.2	38.64	11.74	4.657	149.5	46.14	9.95	56.63	57.65	-1.025	72.37	69.36	26.308	427.1	0	
"2014-12-10	14:00:00"	7.286	145.8	29.34	14.12	6.096	137.6	30.6	11.14	57.26	58.35	-1.095	70.88	67.76	26.282	416.73	0	
"2014-12-10	15:00:00"	6.099	165.5	30.26	10.54	5.103	157.9	31.16	9.35	58.6	59.58	-0.984	67.37	64.38	26.263	411.02	0	
"2014-12-10	16:00:00"	6.931	175.2	20.45	12.33	5.715	167	23	11.74	59.25	60.13	-0.872	65.26	62.47	26.254	329.69	0	
"2014-12-10	17:00:00"	8.18	169	14.75	12.33	6.599	158.5	16.19	11.14	58.93	59.53	-0.598	66.36	64.01	26.251	172.3	0	
"2014-12-10	18:00:00"	7.384	180.8	11.73	11.14	5.757	170.1	13.51	9.35	57.44	57.35	0.089	69.63	68.55	26.254	32.539	0	
"2014-12-10	19:00:00"	6.555	165.4	8.21	10.54	4.856	150.3	9.53	8.75	55.26	54.64	0.612	73.94	73.78	26.258	0.05924	0	
"2014-12-10	20:00:00"	8.11	156.2	7.33	12.93	5.999	146.4	7.622	9.35	52.53	52.12	0.406	79.73	79.35	26.262	0	0	
"2014-12-10	21:00:00"	8.51	163.9	9.07	12.33	6.444	153.8	10.02	10.54	51.37	50.94	0.428	83.4	83.1	26.267	0	0	
"2014-12-10	22:00:00"	7.848	180.6	14.93	13.52	5.985	172.6	18.44	10.54	50.13	49.96	0.173	87.9	87.3	26.27	0	0	
"2014-12-10	23:00:00"	9.19	194	11.18	13.52	7.046	187.8	14.78	11.74	50.95	50.98	-0.027	90.5	90	26.277	0.08401	0	
"2014-12-11	00:00:00"	7.488	204.7	18.37	11.74	5.935	198.6	19.75	9.35	51.2	51.24	-0.039	90.9	90.4	26.285	0.34519	0	
"2014-12-11	01:00:00"	6.767	207.4	16.46	10.54	5.448	201.4	18.77	8.75	50.89	50.93	-0.045	91	90.5	26.285	0.34518	0	
"2014-12-11	02:00:00"	5.858	192.1	15.68	8.75	4.626	183.9	16.66	7.561	50.68	50.75	-0.07	91	90.6	26.284	0.34518	0	
"2014-12-11	03:00:00"	5.59	185.3	14.56	9.35	4.383	178.2	19.06	8.16	50.42	50.5	-0.076	91	90.6	26.287	0.34519	0	
"2014-12-11	04:00:00"	2.446	194.4	51.3	5.771	2.118	177	51.23	4.578	50.35	50.39	-0.04	91	90.6	26.295	0.34519	0.01	
"2014-12-11	05:00:00"	2.605	238.6	54.67	6.964	2.253	234.4	56.79	5.771	50.13	50.19	-0.057	91	90.6	26.292	0.3452	0	
"2014-12-11	06:00:00"	2.554	44.82	51.09	5.175	2.264	27.82	53.8	5.175	49.92	49.99	-0.071	91	90.6	26.289	0.3452	0	
"2014-12-11	07:00:00"	2.437	341.3	31.56	5.175	2.026	327	34.55	4.578	49.65	49.72	-0.073	91	90.6	26.302	0.34522	0	
"2014-12-11	08:00:00"	2.905	17.14	44.05	5.771	2.434	10.57	43.62	4.578	49.54	49.65	-0.102	91	90.6	26.318	1.3735	0	
"2014-12-11	09:00:00"	2.273	134.6	70.94	5.771	2.113	101.5	74.16	5.175	49.46	49.6	-0.143	91	90.6	26.326	18.702	0	
"2014-12-11	10:00:00"	4.22	169.3	26.15	6.964	3.49	165.2	27.89	6.368	49.51	49.81	-0.299	91	90.6	26.351	50.039	0	
"2014-12-11	11:00:00"	4.323	196.5	18.17	8.75	3.548	192.8	22.38	8.16	49.8	50.19	-0.39	91.1	90.5	26.366	76.538	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-11	12:00:00"	5.226	214.5	27.45	8.75	4.337	211.1	30.75	8.16	50.38	50.93	-0.548	91.1	90.5	26.354	121.34	0.01
"2014-12-11	13:00:00"	5.663	217	17.55	10.54	4.837	211.8	20.19	9.35	51.02	51.9	-0.873	91.2	88.1	26.329	182.99	0
"2014-12-11	14:00:00"	5.842	244	21.02	9.95	4.919	240.3	24.83	8.75	52.41	52.99	-0.581	86.2	83.8	26.304	200.01	0
"2014-12-11	15:00:00"	5.816	220.9	25.31	10.54	5.009	214.1	29.21	9.35	54.12	54.85	-0.724	80.6	78.51	26.289	218.63	0
"2014-12-11	16:00:00"	6.488	199.4	21.4	10.54	5.394	190.8	24.35	9.95	55.27	56.03	-0.76	77.56	75.61	26.282	272.44	0
"2014-12-11	17:00:00"	7.153	191	16.3	11.14	5.691	181	18.9	9.95	56.42	56.91	-0.496	74.43	72.75	26.283	190.3	0
"2014-12-11	18:00:00"	7.87	182	6.291	11.14	5.992	170.3	9.07	9.35	54.96	54.79	0.162	77.38	76.81	26.288	33.562	0
"2014-12-11	19:00:00"	6.363	168.8	8.79	9.95	4.761	158.1	9.57	8.75	51.67	51.22	0.454	83.9	83.6	26.294	0.08292	0
"2014-12-11	20:00:00"	6.754	167	7.433	9.35	4.741	155.4	8.35	7.561	50.71	49.97	0.735	87.2	87	26.306	0	0
"2014-12-11	21:00:00"	6.907	170	9.87	10.54	5.035	161.7	10.89	8.75	49.75	49.24	0.506	88.4	88	26.317	0.00038	0
"2014-12-11	22:00:00"	7.265	170.6	8.08	11.74	5.085	159.2	9.46	8.16	49.68	48.96	0.725	89.5	88.9	26.323	0.09638	0
"2014-12-11	23:00:00"	8.98	177.2	9.45	14.12	6.505	166.5	11.6	11.74	50.14	49.64	0.497	90.1	89.7	26.328	0.34524	0
"2014-12-12	00:00:00"	7.065	197.8	10.81	11.74	5.44	191.5	13.13	9.95	50.13	49.93	0.193	89.8	89.3	26.333	0.34523	0
"2014-12-12	01:00:00"	7.98	193.8	13.21	13.52	6.241	186.7	14.8	11.74	49.4	49.4	0.002	90.6	90	26.335	0.34523	0
"2014-12-12	02:00:00"	7.733	185.6	8.54	13.52	6.02	179.7	12.11	10.54	48.78	48.86	-0.08	90.7	90.2	26.334	0.34523	0
"2014-12-12	03:00:00"	5.083	185.3	11.01	9.95	4.001	177.4	14.48	8.16	49.25	49.31	-0.057	90.8	90.4	26.335	0.34523	0
"2014-12-12	04:00:00"	8.17	179	8.34	12.93	6.353	168.7	11.77	11.14	49.76	49.81	-0.048	90.9	90.6	26.333	0.34522	0
"2014-12-12	05:00:00"	6.626	182.8	14.79	11.14	5.178	174.1	18	9.35	50.28	50.31	-0.028	91	90.7	26.336	0.3452	0.01
"2014-12-12	06:00:00"	8.13	184.9	11.75	13.52	6.296	177.3	14.84	11.74	50.8	50.81	-0.013	91.1	90.8	26.334	0.34518	0
"2014-12-12	07:00:00"	11.23	185.6	8.19	17.1	8.68	178.6	12.19	14.72	50.86	50.88	-0.017	91.2	90.8	26.334	0.34518	0
"2014-12-12	08:00:00"	10.88	191.2	9.7	15.31	8.48	185.6	13.74	12.93	50.35	50.39	-0.042	91.1	90.8	26.343	1.4134	0
"2014-12-12	09:00:00"	9.75	189.2	11.12	12.93	7.642	183.6	15.17	11.74	49.99	50.11	-0.121	91.1	90.8	26.365	26.217	0
"2014-12-12	10:00:00"	8.72	200.3	14.7	12.93	6.833	195.8	17.45	10.54	50.47	50.68	-0.21	91.2	90.9	26.383	65	0
"2014-12-12	11:00:00"	8.23	194.5	14.69	12.93	6.606	189.3	17.39	11.14	51.34	51.68	-0.332	91.3	91.1	26.391	111.63	0
"2014-12-12	12:00:00"	5.974	194.9	17.3	9.95	4.944	187.8	20.11	8.16	52.12	52.58	-0.469	91.4	91.2	26.38	174.97	0
"2014-12-12	13:00:00"	6.721	201.2	18.73	11.74	5.548	196.9	21.31	10.54	52.73	53.32	-0.587	91.5	91.2	26.355	266.78	0
"2014-12-12	14:00:00"	7.666	216.9	14.94	12.93	6.546	210.7	17.82	12.93	53.92	55.29	-1.371	91.6	90.8	26.32	485.86	0
"2014-12-12	15:00:00"	8.13	196.8	15.66	12.33	6.648	188.8	19.55	11.14	58.74	60.26	-1.521	78.25	73.92	26.294	481.76	0
"2014-12-12	16:00:00"	7.909	185.9	11.15	11.14	6.497	175.9	14.6	10.54	62.21	63.07	-0.865	64.68	62.47	26.284	358.39	0
"2014-12-12	17:00:00"	7.658	190.6	11.33	11.14	6.084	182.9	14.82	9.35	63.51	63.8	-0.287	59.23	57.88	26.279	194.75	0
"2014-12-12	18:00:00"	7.1	203.1	6.981	9.95	5.139	197.8	10.12	8.16	62.2	61.5	0.701	60.53	60.78	26.281	25.472	0
"2014-12-12	19:00:00"	5.478	192.9	8.99	9.35	3.365	186.4	11.29	6.964	58.72	57.32	1.402	66.83	68.57	26.286	0.03393	0
"2014-12-12	20:00:00"	4.89	182.2	5.271	6.368	2.549	173.6	5.553	4.578	57.6	55.83	1.778	68.49	71.1	26.29	0	0
"2014-12-12	21:00:00"	5.167	190.5	8.98	6.964	2.813	181.7	11.92	5.771	56.64	54.73	1.909	68.81	71.9	26.297	0	0
"2014-12-12	22:00:00"	7.689	195.6	7.453	11.74	5.019	190.7	11.35	9.35	54.24	52.96	1.282	73.9	75.48	26.304	0	0
"2014-12-12	23:00:00"	6.266	214	12.41	9.35	4.529	207.6	14.28	7.561	52.3	51.72	0.583	81.9	81.9	26.305	0	0
"2014-12-13	00:00:00"	6.592	215.3	10.81	9.35	4.919	202.6	11.26	7.561	51.43	51.01	0.422	86.6	86.2	26.307	0	0
"2014-12-13	01:00:00"	8.03	201.6	9.92	14.12	5.846	196.7	11.63	11.74	51.68	51.45	0.232	89.8	89.1	26.301	0	0
"2014-12-13	02:00:00"	11	192.6	9.96	18.3	8.47	185.5	13.71	14.12	53.74	53.67	0.068	91.1	90.4	26.294	0	0
"2014-12-13	03:00:00"	10.81	193.2	10.23	15.91	8.45	186.8	14.3	14.12	53.81	53.79	0.015	91.2	90.5	26.288	0	0
"2014-12-13	04:00:00"	10.85	200.7	9.35	15.31	8.45	195.2	12.01	12.93	53.32	53.34	-0.019	91.2	90.5	26.284	0	0
"2014-12-13	05:00:00"	11.25	196.8	8.97	17.1	8.64	193.6	12.46	12.93	52.83	52.84	-0.019	91.2	90.6	26.276	0.07775	0
"2014-12-13	06:00:00"	10.93	195.1	8.83	16.51	8.36	193.2	12.52	14.72	52.37	52.39	-0.025	91.3	90.7	26.263	0.34343	0
"2014-12-13	07:00:00"	11.23	196.9	7.868	16.51	8.75	196.3	11.24	14.72	51.89	51.92	-0.025	91.3	90.7	26.259	0.34517	0
"2014-12-13	08:00:00"	10.65	197.1	11.36	16.51	8.45	194.8	13.74	14.12	51.3	51.34	-0.043	91.2	90.7	26.264	2.101	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-13	09:00:00"	10.88	191.8	9.97	15.31	8.46	188.4	13.57	12.93	50.97	51.1	-0.132	91.3	90.8	26.268	36.905	0	
"2014-12-13	10:00:00"	11.23	192.3	10.46	17.7	8.74	187.5	13.97	14.12	51.5	51.74	-0.241	91.4	90.9	26.279	86.551	0	
"2014-12-13	11:00:00"	10.26	190.8	10.98	14.72	8.12	186.7	14.91	13.52	52.39	52.72	-0.336	91.5	91	26.279	130.71	0	
"2014-12-13	12:00:00"	9.4	192.8	18.03	13.52	7.477	187.2	21.07	11.74	53.52	54.43	-0.908	89.9	87.4	26.267	264.42	0	
"2014-12-13	13:00:00"	7.073	207.7	18.93	11.74	5.875	199.8	23.49	11.14	57.07	58.24	-1.168	80.8	77.36	26.237	439.5	0	
"2014-12-13	14:00:00"	10.05	182.7	12.11	16.51	8.11	173	15.76	13.52	62.3	63.49	-1.195	68.08	65.2	26.185	499.26	0	
"2014-12-13	15:00:00"	11.83	186	11.45	20.09	9.31	176.1	15.26	17.1	65.27	66.4	-1.134	59.05	56.2	26.155	462.24	0	
"2014-12-13	16:00:00"	12.72	190.5	11.44	26.65	9.97	181.8	15.26	22.47	67.16	68.03	-0.868	51.45	48.97	26.136	365.49	0	
"2014-12-13	17:00:00"	11.79	204.3	9.78	18.3	9.24	196.3	11.35	15.31	68.28	68.28	-0.001	47.04	45.62	26.127	155.96	0	
"2014-12-13	18:00:00"	7.242	180.7	17.95	13.52	5.156	169.3	21.48	10.54	65.72	64.85	0.869	51.33	51.49	26.119	17.673	0	
"2014-12-13	19:00:00"	11.39	159.4	8.96	17.7	8.91	149.1	9.59	13.52	62.43	61.95	0.479	63.63	63.33	26.11	0.04974	0	
"2014-12-13	20:00:00"	14.24	163	9.43	21.87	11.44	152.3	9.63	19.49	60.65	60.3	0.355	67.11	66.7	26.111	0	0	
"2014-12-13	21:00:00"	14.24	161.3	10.05	21.87	11.3	150.4	10.13	17.7	57.66	57.39	0.267	75.38	74.91	26.112	0	0	
"2014-12-13	22:00:00"	14.97	168.5	11.14	24.86	12.09	158.8	12.09	20.68	56.76	56.71	0.049	82.2	81.5	26.109	0	0	
"2014-12-13	23:00:00"	19.16	174.8	9.21	28.43	14.91	163.5	11.41	23.07	57.07	57.06	0.008	83.1	82.4	26.093	0	0	
"2014-12-14	00:00:00"	20.36	177.1	7.809	29.63	15.96	166.9	10.21	24.86	56.93	56.92	0.015	83.1	82.3	26.073	0	0	
"2014-12-14	01:00:00"	20.01	177.7	7.904	29.03	15.54	167.6	10.37	24.26	56.23	56.24	-0.008	83.4	82.7	26.058	0	0	
"2014-12-14	02:00:00"	19.34	193.5	14.61	27.84	14.99	185.3	17.22	22.47	56.43	56.45	-0.017	83.5	82.8	26.055	0	0	
"2014-12-14	03:00:00"	14.78	201.9	10	23.66	11.45	194.9	12.78	20.68	56.4	56.38	0.019	84.2	83.5	26.065	0	0	
"2014-12-14	04:00:00"	8.97	213	22.02	17.1	6.869	206.5	24.2	14.12	54.91	54.71	0.205	86	85.5	26.064	0	0	
"2014-12-14	05:00:00"	12.46	262.9	17.01	26.05	9.71	259.2	18.19	21.28	53.5	53.14	0.357	78.67	78.66	26.079	0	0	
"2014-12-14	06:00:00"	14.1	267.8	11.3	23.66	10.37	263.9	13.29	17.7	51.7	51.1	0.6	50.97	51.26	26.079	0	0	
"2014-12-14	07:00:00"	13.54	263.4	10.06	22.47	10.24	260.6	13.59	19.49	50.01	49.39	0.615	40.01	39.82	26.087	0	0	
"2014-12-14	08:00:00"	9.54	254.4	18.37	19.49	7.247	248.7	22.4	16.51	47.29	46.68	0.612	39.8	39.51	26.099	3.229	0	
"2014-12-14	09:00:00"	12.25	260.6	9.63	22.47	9.23	256.9	13.61	18.3	47.92	47.7	0.229	36.06	35.37	26.112	117.24	0	
"2014-12-14	10:00:00"	14.29	259.2	10.56	26.05	11.13	255.2	14.36	21.28	50.32	50.73	-0.407	32.99	31.57	26.126	296.08	0	
"2014-12-14	11:00:00"	19.98	269.1	11.28	32.61	15.41	266.8	13.36	24.86	52.86	53.65	-0.785	28.39	26.58	26.123	449.53	0	
"2014-12-14	12:00:00"	19.28	261.3	18.84	30.82	15.17	257	20.64	27.24	55.52	56.52	-0.993	23.52	21.56	26.102	559.45	0	
"2014-12-14	13:00:00"	19.13	241.6	15.68	30.82	15.66	235.8	18.49	28.43	57.14	57.98	-0.847	23.26	21.24	26.067	610.5	0	
"2014-12-14	14:00:00"	21.28	249.2	11.89	37.98	17.17	243.7	14.19	33.8	59.05	59.97	-0.921	20	18.01	26.032	584.18	0	
"2014-12-14	15:00:00"	22.07	254.1	12.2	35.59	17.47	249.8	15.09	30.82	60.95	61.8	-0.849	16.47	14.6	26.01	516.88	0	
"2014-12-14	16:00:00"	26.78	267.7	11.02	41.56	20.77	265.5	13.44	41.56	61.91	62.54	-0.63	12.65	10.9	26.001	383.44	0	
"2014-12-14	17:00:00"	24.76	270.2	10.05	40.36	19.17	267.2	11.7	33.21	61.19	61.44	-0.25	13.68	12.02	26.01	218.12	0	
"2014-12-14	18:00:00"	19.35	269.4	8.72	32.61	15.23	267.9	10.76	25.45	58.95	58.68	0.275	16.33	14.89	26.025	43.184	0	
"2014-12-14	19:00:00"	16.96	283.9	10.2	27.24	12.05	279	12.32	21.28	56.41	55.69	0.724	19.52	18.45	26.042	0.10525	0	
"2014-12-14	20:00:00"	9.33	305.5	8.96	15.31	4.571	303.4	12.09	10.54	50.69	48.36	2.329	25.3	26.09	26.067	0	0	
"2014-12-14	21:00:00"	7.01	280	14.68	9.95	4.041	275.8	19.65	7.561	49.18	46.23	2.946	26.55	28.6	26.087	0	0	
"2014-12-14	22:00:00"	8.13	303.7	8.06	12.33	3.599	304.2	12.04	8.16	45.46	41.59	3.868	30.74	34.39	26.106	0	0	
"2014-12-14	23:00:00"	7.781	298.6	9.57	12.33	3.786	294.9	14.75	6.964	44.56	42.17	2.39	33.34	35.17	26.122	0.00029	0	
"2014-12-15	00:00:00"	5.871	292.2	9.17	9.35	3.035	288	12.87	5.175	43.71	41.54	2.166	35.09	36.74	26.14	0	0	
"2014-12-15	01:00:00"	7.057	307.1	7.691	9.95	3.008	307.9	23.54	4.578	42.13	37.5	4.631	36.88	43.56	26.14	0.00403	0	
"2014-12-15	02:00:00"	6.865	303.1	7.403	8.75	3.316	297.9	17.13	5.771	41.15	36.77	4.386	37.68	44.31	26.139	0.00336	0	
"2014-12-15	03:00:00"	7.777	299.3	9.78	12.33	3.342	297.5	14.07	5.771	39.57	34.83	4.749	39.91	48.74	26.146	0.01046	0	
"2014-12-15	04:00:00"	6.869	291.4	10.76	9.95	3.471	286	14.16	6.368	39.04	36.58	2.463	40.34	44.13	26.154	0.01286	0	
"2014-12-15	05:00:00"	8.89	318.5	15.68	12.33	4.753	312.7	18.48	8.16	38.78	36.08	2.695	40.98	45.26	26.159	0.00336	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-15	06:00:00"	9.62	316	8.19	11.74	4.351	309.8	10.06	7.561	39.16	36.47	2.688	40.97	44.89	26.162	0.00211	0
"2014-12-15	07:00:00"	11.34	319.2	4.841	13.52	5.724	317.2	7.325	9.35	38.92	35.57	3.353	40.71	46.27	26.172	0.01641	0
"2014-12-15	08:00:00"	12.06	329.5	6.912	15.91	7.421	322.8	9.13	11.74	38.83	37.19	1.645	39.71	41.65	26.185	3.5235	0
"2014-12-15	09:00:00"	11.48	347.1	10.08	16.51	8.45	337.6	9.62	12.93	42.06	41.79	0.261	33.99	33.6	26.21	111.42	0
"2014-12-15	10:00:00"	9.9	339.3	12.51	15.31	7.534	330.8	12.84	12.33	47.75	48.54	-0.788	26.56	25.08	26.245	290.7	0
"2014-12-15	11:00:00"	6.002	293	19.17	11.14	4.453	284.6	21.17	8.75	51.97	53.1	-1.131	22.92	21.14	26.266	442.91	0
"2014-12-15	12:00:00"	6.281	276.8	19.44	11.14	4.922	270.7	21.57	9.95	55.33	56.78	-1.452	20.52	18.58	26.268	556.17	0
"2014-12-15	13:00:00"	5.154	268.9	45.46	12.33	4.222	261.1	47.94	9.35	57.29	58.59	-1.304	19.53	17.61	26.249	604.98	0
"2014-12-15	14:00:00"	4.556	260	50.37	10.54	3.802	256.5	54.78	9.95	59.38	60.58	-1.198	17.98	16.11	26.221	584.4	0
"2014-12-15	15:00:00"	6.415	255.3	25.87	12.93	5.304	250.9	30.04	12.33	61.04	62.25	-1.209	16.44	14.59	26.21	509.3	0
"2014-12-15	16:00:00"	6.547	265.1	28	11.74	5.174	258.5	31.62	10.54	62.01	62.9	-0.891	15.05	13.31	26.216	367.56	0
"2014-12-15	17:00:00"	5.782	253.7	26.38	10.54	4.565	246.4	29.27	8.75	61.96	62.26	-0.3	14.66	13.17	26.226	178.85	0
"2014-12-15	18:00:00"	6.683	207.2	12.43	10.54	4.938	199	13.51	8.16	58.12	57.59	0.53	21.17	20.09	26.244	28.795	0
"2014-12-15	19:00:00"	5.521	192.5	9.31	8.16	3.364	183.7	11.19	6.368	54.84	53.35	1.486	23.97	24.15	26.262	0.04419	0
"2014-12-15	20:00:00"	3.643	189.2	10.61	6.368	1.671	183.4	15.63	4.578	54.06	52.03	2.032	23.57	24.23	26.285	0	0
"2014-12-15	21:00:00"	4.191	159.2	48.26	15.31	2.629	126.4	61.88	10.54	52.53	48.66	3.863	24.32	27.19	26.304	0	0
"2014-12-15	22:00:00"	9.8	87.3	5.758	12.33	5.932	72.72	8.78	8.75	43.56	41.93	1.629	35.5	36.63	26.323	0	0
"2014-12-15	23:00:00"	10.25	77.23	4.791	12.33	5.879	64.63	8.09	8.16	41.28	39.36	1.92	38.65	40.59	26.34	0.0001	0
"2014-12-16	00:00:00"	9.35	69.55	8.34	12.33	5.947	60.75	9.76	9.95	39.15	38.1	1.047	43.36	44.06	26.357	0.00269	0
"2014-12-16	01:00:00"	10.15	57.39	7.233	12.93	7.317	48.21	9.08	11.14	38.99	38.17	0.82	46.01	46.13	26.365	0.00758	0
"2014-12-16	02:00:00"	9.31	64.94	5.848	12.93	5.929	56.81	8.4	9.95	37.89	36.76	1.13	50.14	50.92	26.372	0.00374	0
"2014-12-16	03:00:00"	9.93	63.13	5.598	12.93	6.761	55.3	7.706	9.35	37.73	36.7	1.026	52.61	53.29	26.386	0.00432	0
"2014-12-16	04:00:00"	10.16	66.29	6.536	14.12	6.832	58.24	9.15	11.14	36.18	35.36	0.819	56.6	57.02	26.392	0.04837	0
"2014-12-16	05:00:00"	12.43	66.28	8.96	17.7	9.08	59.31	11.01	14.72	35.36	34.88	0.478	59.69	59.41	26.402	0.04895	0
"2014-12-16	06:00:00"	10.37	70.28	8.96	15.31	7.217	63.31	11.38	11.74	33.95	33.5	0.456	63.81	63.51	26.412	0.02255	0
"2014-12-16	07:00:00"	10.71	57.93	7.551	15.31	8.05	51.99	8.88	11.74	32.32	31.87	0.445	67.07	66.86	26.426	0.06555	0
"2014-12-16	08:00:00"	13.02	54.29	8.09	17.7	10.16	47.25	9.74	15.31	31.86	31.54	0.316	68.49	68.03	26.438	1.8208	0
"2014-12-16	09:00:00"	12.58	53.67	8.91	17.7	10.08	46.26	10.53	15.31	32.52	32.62	-0.108	68.15	67.07	26.452	100.63	0
"2014-12-16	10:00:00"	13.93	70.58	9.77	18.89	10.86	63.65	12.44	15.91	36.18	36.93	-0.744	60.06	57.69	26.466	283.09	0
"2014-12-16	11:00:00"	12.86	86	11.85	18.89	10.2	79.48	13	15.31	40.24	41.25	-1.011	52.13	49.21	26.487	406.23	0
"2014-12-16	12:00:00"	11.77	97.6	12.86	18.3	9.65	89.7	15.1	15.31	43.45	44.72	-1.265	46.28	43.01	26.474	522.01	0
"2014-12-16	13:00:00"	11.42	114.6	11.82	17.1	9.42	107.3	14.01	14.72	45.57	46.62	-1.052	43.18	40.13	26.44	325.29	0
"2014-12-16	14:00:00"	11.75	121.8	10.93	16.51	9.48	114.2	13.37	15.31	46.66	47.67	-1.011	42.03	39.17	26.399	234.74	0
"2014-12-16	15:00:00"	11.62	126	11.94	18.3	9.29	119.1	13.3	16.51	48.3	49.26	-0.961	39.38	37.03	26.367	223.65	0
"2014-12-16	16:00:00"	11.44	125.9	10.72	17.1	9.06	119.1	12.66	14.72	49.25	50.04	-0.791	37.88	35.74	26.357	177.4	0
"2014-12-16	17:00:00"	11.69	126.5	10.24	15.91	9.08	119.2	12.33	13.52	49.31	49.77	-0.461	37.66	35.83	26.357	74.828	0
"2014-12-16	18:00:00"	10.77	128.2	8.31	15.31	8.2	120.8	10.4	12.93	49.22	49.25	-0.034	38.29	36.94	26.359	24.329	0
"2014-12-16	19:00:00"	8.04	110.6	12.18	12.93	5.912	101.9	13.79	9.35	48.15	47.9	0.248	40.04	39	26.361	0.03558	0
"2014-12-16	20:00:00"	7.632	96.2	7.867	10.54	4.813	83	11.5	8.75	45.89	44.85	1.039	43.65	43.89	26.36	0	0
"2014-12-16	21:00:00"	9.1	101.6	5.299	12.93	5.453	87.3	9.2	9.95	43.52	41.95	1.573	47.15	48.82	26.351	0	0
"2014-12-16	22:00:00"	8.41	119.9	9.31	12.33	5.721	111.4	11.86	9.95	45.03	44.37	0.663	44.92	44.82	26.347	0	0
"2014-12-16	23:00:00"	9.14	132.3	7.755	11.74	6.518	124.9	9.47	9.95	45.6	45.05	0.546	44.06	43.63	26.342	0	0
"2014-12-17	00:00:00"	7.492	118.3	10.34	11.74	4.836	105	17.04	8.75	44.92	43.87	1.055	46.68	47.16	26.329	0	0
"2014-12-17	01:00:00"	5.686	108.1	5.385	8.16	3.124	84.4	10.06	5.175	44.01	42.97	1.04	49.17	50.54	26.318	0	0
"2014-12-17	02:00:00"	6.298	104.9	8.04	9.95	4.199	92.2	10.97	8.16	44.6	44.27	0.335	50.46	50.33	26.292	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-17	03:00:00"	8.09	115.3	8.14	14.12	6.15	105.8	10.22	10.54	45.5	45.33	0.177	50.32	49.41	26.261	0
"2014-12-17	04:00:00"	9.89	125.7	8.04	14.72	7.598	118.5	10.22	11.74	46.16	46.07	0.087	50.45	49.28	26.238	0
"2014-12-17	05:00:00"	7.154	133	15.7	11.14	5.392	123.7	17.22	9.35	46.32	46.19	0.125	51.31	50.28	26.233	0
"2014-12-17	06:00:00"	7.005	147.5	10.1	12.33	5.251	138.4	10.4	10.54	47.12	46.98	0.14	50.41	49.4	26.228	0
"2014-12-17	07:00:00"	11.81	157.8	9.79	18.89	9.34	147.5	10.18	15.91	46.72	46.68	0.035	54.43	53.15	26.218	0
"2014-12-17	08:00:00"	8.23	155.1	11.97	12.93	6.458	145.3	12.13	11.14	46.29	46.23	0.055	55.6	54.43	26.227	0.68253
"2014-12-17	09:00:00"	7.176	131.9	9.21	11.14	5.322	124.1	11.82	9.35	45.35	45.3	0.047	56	54.98	26.237	63.964
"2014-12-17	10:00:00"	11.2	155.7	16.27	16.51	8.87	146.1	16.09	14.72	46.32	46.89	-0.568	54.96	52.75	26.238	261.76
"2014-12-17	11:00:00"	13.64	178.5	11.37	20.09	10.8	168.3	13.97	18.3	47.7	48.76	-1.051	55.99	52.93	26.239	414.02
"2014-12-17	12:00:00"	13.96	189.5	13.23	21.87	11.1	180.2	16.83	17.7	49.92	51.29	-1.366	55.32	51.69	26.23	522.92
"2014-12-17	13:00:00"	13.28	199	15.15	21.28	10.65	190.6	17.61	17.1	52.96	54.38	-1.423	51.23	47.57	26.198	577.86
"2014-12-17	14:00:00"	11.79	233	18.93	21.28	9.67	225.1	21.95	18.3	55.55	56.63	-1.086	45.15	42.08	26.164	561.87
"2014-12-17	15:00:00"	14.8	254	16.78	25.45	11.97	249.7	21.08	23.07	59.02	60.12	-1.107	38.83	36.18	26.14	497.58
"2014-12-17	16:00:00"	17.92	270.3	11.59	27.84	13.78	266.9	13.27	23.07	60.95	61.74	-0.789	31.93	29.75	26.134	340.4
"2014-12-17	17:00:00"	18.92	268.1	10.29	29.03	14.68	266.3	12.24	24.86	61.56	61.88	-0.32	28.51	26.7	26.136	213.58
"2014-12-17	18:00:00"	15.47	274.7	8.8	24.86	11.89	270.8	10.41	20.68	60.03	59.72	0.311	29.46	28.17	26.152	41.151
"2014-12-17	19:00:00"	9.75	261.5	8.34	17.1	7.062	258.8	11.6	14.12	56.21	55.39	0.828	32.58	31.89	26.182	0.08416
"2014-12-17	20:00:00"	9.44	247.5	11.56	14.12	7.245	244.6	13.2	11.74	54.05	53.43	0.615	35.89	35.03	26.199	0
"2014-12-17	21:00:00"	6.721	250.3	18.32	10.54	4.951	244.7	23.01	8.75	51.7	50.9	0.806	39.68	39.09	26.215	0
"2014-12-17	22:00:00"	6.481	252	9.16	9.35	4.63	243.9	12.27	7.561	49.3	48.45	0.846	43.6	43.26	26.225	0
"2014-12-17	23:00:00"	3.673	234.2	31.7	7.561	2.183	201.8	45.03	4.578	48.11	45.86	2.251	45.71	47.8	26.237	0
"2014-12-18	00:00:00"	7.102	257	34.98	11.14	4.44	250	40.26	8.75	48.88	46.82	2.068	45.19	46.97	26.245	0
"2014-12-18	01:00:00"	9.42	297	6.516	13.52	4.126	297.7	10.46	6.368	47.63	44.58	3.048	48.02	51.95	26.238	0
"2014-12-18	02:00:00"	9.05	279.6	10.18	12.33	5.686	275.4	13.66	10.54	47.66	45.66	2.002	48.91	51.01	26.235	0
"2014-12-18	03:00:00"	7.721	273.1	23.31	14.12	4.8	265.9	27.62	11.74	46.59	44.92	1.678	51.62	53.12	26.235	0
"2014-12-18	04:00:00"	11.03	305.2	11.28	14.72	5.499	301.2	12.83	9.35	45.97	44.22	1.753	53.51	55.5	26.235	0
"2014-12-18	05:00:00"	6.809	257.6	36.9	10.54	4.283	247.5	40.22	8.16	43.72	42.37	1.359	57.55	58.72	26.245	0
"2014-12-18	06:00:00"	4.393	230.6	38.18	9.35	2.521	228	68.33	6.368	42.96	40.47	2.496	59.44	62.59	26.246	0
"2014-12-18	07:00:00"	8.49	330.7	8.59	11.74	4.436	334	10.9	8.16	42.75	38.14	4.614	59.05	66.77	26.246	0
"2014-12-18	08:00:00"	2.227	307.8	70.94	3.982	1.783	56.35	84.9	4.578	40.82	37.61	3.215	62.61	67.4	26.264	2.4842
"2014-12-18	09:00:00"	4.956	349.8	33.77	8.16	3.243	357.2	29.22	6.368	40.93	37.16	3.771	62.81	69.59	26.285	60.958
"2014-12-18	10:00:00"	2.9	220.6	83.7	6.368	2.651	202.4	80	4.578	45.44	45.67	-0.237	57.13	56.23	26.308	288.24
"2014-12-18	11:00:00"	5.984	288.7	26.75	11.14	4.48	279.4	31.68	10.54	51.8	52.86	-1.055	47.04	44.42	26.316	430.77
"2014-12-18	12:00:00"	7.555	293.1	19.65	12.33	5.648	286.1	21.89	11.74	54.3	55.73	-1.431	42.06	39.13	26.305	476.39
"2014-12-18	13:00:00"	4.231	230.1	42.99	8.75	3.836	224.3	49.35	8.16	55.55	56.35	-0.798	38.58	36.49	26.277	430.73
"2014-12-18	14:00:00"	3.874	254.6	55.16	11.14	3.272	246.7	62.47	9.95	56.75	57.62	-0.868	38.51	36.41	26.248	523.52
"2014-12-18	15:00:00"	6.755	221.9	31.5	12.33	5.588	213.8	32.85	11.74	58.9	60.03	-1.134	36.9	34.55	26.228	504.65
"2014-12-18	16:00:00"	7.465	213.5	26.57	14.72	6.071	206.9	30.14	11.74	59.6	60.18	-0.575	35.36	33.5	26.216	210.83
"2014-12-18	17:00:00"	6.31	208.2	19.84	11.14	5.117	198.6	22.23	9.35	59.48	59.59	-0.108	35.54	34.09	26.214	91.294
"2014-12-18	18:00:00"	4.02	167.4	16.35	6.368	2.944	146.8	25.08	4.578	58.14	57.11	1.031	36.8	37.02	26.21	15.617
"2014-12-18	19:00:00"	5.555	165.3	7.983	8.75	3.652	147.8	11.1	6.964	55.76	54.75	1.012	38.44	38.58	26.225	0.02684
"2014-12-18	20:00:00"	5.673	158.4	7.689	8.16	3.282	136.9	16.6	5.771	54.61	52.72	1.89	39.12	40.76	26.239	0
"2014-12-18	21:00:00"	6.721	164.3	13.51	9.95	4.616	151.5	17.76	7.561	53.52	52.54	0.98	40.92	41.08	26.248	0
"2014-12-18	22:00:00"	3.641	232.5	23.86	7.561	2.312	234	30.28	6.368	52.03	51.04	0.988	43.51	43.69	26.257	0
"2014-12-18	23:00:00"	5.248	251.4	17.09	7.561	3.382	249.3	27.16	5.771	52.83	51.54	1.291	42.07	43.17	26.272	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-19	00:00:00"	5.53	273.4	15.86	10.54	3.662	273.3	19.83	8.16	51.47	50.76	0.709	44.86	45.61	26.288	0
"2014-12-19	01:00:00"	7.305	72.05	41.92	17.1	5.607	63.08	31.79	15.31	47.37	47.08	0.295	60.79	60.52	26.288	0
"2014-12-19	02:00:00"	9.34	80.2	11.74	14.12	6.979	72.2	13.43	12.33	42.28	42.33	-0.052	77.37	76.07	26.275	0
"2014-12-19	03:00:00"	9.55	75.34	10.33	13.52	7.217	68.02	12.12	11.74	40.39	40.44	-0.042	81.2	79.87	26.268	0
"2014-12-19	04:00:00"	8.67	74.63	7.373	11.74	5.732	65.78	10.18	8.16	37.36	37.06	0.296	85.1	83.9	26.261	0
"2014-12-19	05:00:00"	7.785	72.93	9.58	9.95	4.981	60.96	12.28	7.561	35.5	34.99	0.504	86.8	85.6	26.257	0.00019
"2014-12-19	06:00:00"	7.945	78.46	11.92	12.33	5.477	67.39	15.17	9.95	34.05	33.87	0.181	87.8	87.1	26.255	0.18926
"2014-12-19	07:00:00"	6.108	103	15.33	9.35	4.874	96	16.83	7.561	35.1	35.28	-0.181	88.4	87.8	26.268	0.34547
"2014-12-19	08:00:00"	5.251	123.6	23.74	8.16	4.245	116.1	24.79	6.964	35.42	35.63	-0.207	88.5	88.1	26.296	1.2079
"2014-12-19	09:00:00"	3.841	127.4	27.51	8.16	3.13	123.7	32.49	6.964	35.91	36.15	-0.237	88.7	88.4	26.313	29.653
"2014-12-19	10:00:00"	3.341	72.44	41.49	6.368	2.806	67.2	42.48	5.175	36.5	36.89	-0.387	88.8	88.6	26.328	91.02
"2014-12-19	11:00:00"	3.674	185.8	92.7	6.964	3.086	188.3	90	6.368	37.57	38.1	-0.535	89.2	88.9	26.341	187.34
"2014-12-19	12:00:00"	3.777	319	58.31	8.75	2.906	313.4	63.21	7.561	39.55	40.78	-1.229	89.5	88.8	26.344	385.03
"2014-12-19	13:00:00"	4.405	328.6	75.5	9.35	3.625	321.2	79.24	7.561	45.36	47.14	-1.779	75.9	66.61	26.321	586.75
"2014-12-19	14:00:00"	4.515	228.2	45.15	9.95	3.879	218.1	48.88	8.16	49.92	51	-1.08	49.94	46.85	26.291	564.23
"2014-12-19	15:00:00"	5.537	261.7	39.32	12.93	4.402	253.4	46.26	9.95	52.89	54.16	-1.273	41.94	38.98	26.268	502.55
"2014-12-19	16:00:00"	9.23	269.4	22.76	16.51	7.109	265	25.77	15.31	55.9	57.07	-1.174	32.38	30.03	26.258	379.57
"2014-12-19	17:00:00"	9.05	283	17.72	15.91	6.45	277.5	19.49	15.91	56.19	56.88	-0.688	28.1	26.2	26.262	219.87
"2014-12-19	18:00:00"	7.361	284.7	12.45	11.14	4.844	280.6	14.46	8.75	54.96	54.39	0.57	28.54	27.68	26.271	47.511
"2014-12-19	19:00:00"	4.497	295.8	17.67	8.16	2.488	316.1	22.44	3.982	52.03	47.29	4.746	31.49	34.78	26.273	0.16575
"2014-12-19	20:00:00"	4.529	321.4	38.19	7.561	2.695	333.9	35.69	6.368	50.93	44.42	6.508	31.19	37.56	26.281	0
"2014-12-19	21:00:00"	8.82	119.1	25.59	15.31	5.816	104.7	24.35	12.93	44.21	41.31	2.899	51.94	53.91	26.294	0
"2014-12-19	22:00:00"	9.92	124.2	13.26	13.52	6.892	115.5	15.76	11.14	40.32	39.81	0.506	75.62	74.92	26.299	0
"2014-12-19	23:00:00"	9.03	109.7	7.788	14.72	6.415	99.2	9.29	10.54	36.95	36.62	0.332	83.3	82.3	26.304	0
"2014-12-20	00:00:00"	7.411	115.6	9.65	9.95	5.104	105.3	11.96	7.561	35.4	35.01	0.393	86.1	85.1	26.315	0.00019
"2014-12-20	01:00:00"	7.63	123.4	7.981	11.74	5.48	115.7	10.8	8.75	34.97	34.73	0.242	87.2	86.3	26.315	0.00451
"2014-12-20	02:00:00"	5.679	158.1	12.92	8.75	4.58	149.9	13.27	7.561	35.06	35.17	-0.117	88.1	87.5	26.311	0.24556
"2014-12-20	03:00:00"	6.412	140.5	12.39	10.54	5.024	132.9	12.73	9.35	35.89	36.1	-0.209	88.6	88	26.308	0.34546
"2014-12-20	04:00:00"	6.707	117.1	11.12	11.14	5.285	110.6	13.68	8.75	35.95	36.18	-0.221	88.7	88.2	26.302	0.34542
"2014-12-20	05:00:00"	7.748	113.5	13.51	12.33	6.044	106.9	15.69	10.54	36.18	36.37	-0.191	88.9	88.4	26.29	0.34541
"2014-12-20	06:00:00"	6.929	98.4	8.22	9.35	5.396	91.5	10.09	8.16	36.02	36.22	-0.208	88.9	88.4	26.276	0.3454
"2014-12-20	07:00:00"	6.553	99.2	10.01	9.95	5.231	92	11.13	8.16	35.69	35.9	-0.209	88.9	88.4	26.281	0.3454
"2014-12-20	08:00:00"	4.716	112.4	10.94	9.35	3.779	105.2	13.22	8.16	35.59	35.78	-0.196	88.9	88.5	26.289	1.5863
"2014-12-20	09:00:00"	4.389	167.6	23.39	8.16	3.532	160.6	26.82	6.368	36.22	36.46	-0.24	89	88.7	26.306	23.219
"2014-12-20	10:00:00"	3.664	183.9	25.24	8.75	3.008	173.5	40.33	7.561	36.67	36.93	-0.255	89	88.7	26.315	61.734
"2014-12-20	11:00:00"	4.663	158.8	30.41	10.54	3.863	152.5	34.63	8.16	37.15	37.69	-0.546	89.2	88.9	26.317	132.33
"2014-12-20	12:00:00"	6.398	167.6	19.6	12.33	5.295	159.7	22.06	11.14	38.15	39.03	-0.878	89.3	88.9	26.305	274.74
"2014-12-20	13:00:00"	5.44	210	35.1	14.12	4.534	202.8	43.73	13.52	41.49	44.56	-3.064	84.6	75.76	26.277	593.09
"2014-12-20	14:00:00"	7.143	217.5	24.91	14.12	5.998	209.5	28.11	12.33	47.66	49.68	-2.023	53.13	49.47	26.24	574.17
"2014-12-20	15:00:00"	8.65	218.2	21.71	14.12	7.123	209.7	25.73	12.33	50.69	51.86	-1.166	45.1	42.03	26.219	511.89
"2014-12-20	16:00:00"	8.92	215.6	20.34	17.7	7.273	207.3	23.85	14.72	52.59	53.51	-0.92	39.21	36.88	26.203	384.11
"2014-12-20	17:00:00"	8.64	222.1	19.72	14.12	7.072	213.9	22.7	11.74	53.49	53.91	-0.418	37.6	35.78	26.198	226.59
"2014-12-20	18:00:00"	7.161	201.4	26.22	13.52	5.588	190.4	28.36	11.74	52.91	52.57	0.343	36.15	35.07	26.196	43.602
"2014-12-20	19:00:00"	6.485	165.5	8.54	10.54	4.359	149.4	11.25	7.561	49.41	48.06	1.345	41.36	41.82	26.197	0.21148
"2014-12-20	20:00:00"	5.336	148.1	10.98	8.16	2.51	101.5	41.19	4.578	47.97	44.81	3.167	42.31	45.8	26.205	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-20	21:00:00"	4.6	157.1	11.52	6.964	1.437	137.8	33.04	3.386	46.81	43.95	2.866	43.62	46.89	26.21	0
"2014-12-20	22:00:00"	6.485	184	16.53	11.14	4.102	176.2	20.71	8.16	45.87	44.37	1.502	46.58	47.59	26.221	0
"2014-12-20	23:00:00"	7.8	211.3	10.54	10.54	5.795	200.8	10.12	8.16	42.16	41.72	0.444	67.2	65.86	26.224	0
"2014-12-21	00:00:00"	8.51	210.2	13.01	17.7	6.489	202	13.9	15.31	40.52	40.35	0.165	83.1	82.2	26.22	0
"2014-12-21	01:00:00"	13	204	11.61	20.68	10.12	198.8	13.78	17.7	41.47	41.58	-0.113	88.6	87.9	26.202	0
"2014-12-21	02:00:00"	11.53	206.2	11.02	17.7	9.11	199.9	12.55	15.31	41.09	41.2	-0.11	89.3	88.7	26.185	0.10678
"2014-12-21	03:00:00"	10.26	208	10.97	14.72	8.21	203	12.66	11.74	40.31	40.43	-0.127	89.3	88.8	26.175	0.33369
"2014-12-21	04:00:00"	9.4	210.1	13.25	14.12	7.434	204.9	15.13	11.74	39.78	39.9	-0.122	89.4	88.9	26.16	0.34539
"2014-12-21	05:00:00"	8.64	217	19.38	12.93	6.791	212.9	21.87	11.14	39.19	39.33	-0.145	89.4	88.9	26.15	0.34539
"2014-12-21	06:00:00"	7.536	233.5	14.35	12.33	6.259	231.1	17.82	11.14	38.2	38.33	-0.132	89.3	88.8	26.144	0.34539
"2014-12-21	07:00:00"	5.841	229.8	14.28	8.75	4.903	224.7	17.82	8.16	37.26	37.39	-0.132	89.1	88.7	26.141	0.34539
"2014-12-21	08:00:00"	5.947	231.8	11.78	9.35	4.942	229.2	14.56	8.16	36.61	36.73	-0.124	88.9	88.6	26.15	1.0893
"2014-12-21	09:00:00"	6.57	218	12.78	9.35	5.516	211.1	15.71	8.75	35.09	35.27	-0.176	88.6	88.4	26.139	34.241
"2014-12-21	10:00:00"	5.945	219.3	13.46	8.75	5.103	215.5	17.18	8.16	36.08	36.6	-0.515	89	88.9	26.139	239.47
"2014-12-21	11:00:00"	7.26	234.1	19.56	11.14	6.114	230	23.87	9.95	40.63	41.8	-1.17	89.7	88.9	26.139	420.28
"2014-12-21	12:00:00"	11.36	232.5	17.3	18.89	9.3	224.9	20.49	15.91	49.24	52.86	-3.625	59.93	52.51	26.107	531.76
"2014-12-21	13:00:00"	12.46	223.6	18.05	21.28	10.07	214.1	20.12	17.7	57.8	58.81	-1.017	37.7	35.49	26.079	586.26
"2014-12-21	14:00:00"	14.45	237.9	22.6	25.45	11.53	232.7	26.43	20.68	61.56	62.6	-1.043	27.83	25.68	26.021	564.47
"2014-12-21	15:00:00"	17.15	256.8	14.51	26.05	13.77	252.1	17.49	23.07	62.98	63.79	-0.803	23.59	21.58	25.996	453.11
"2014-12-21	16:00:00"	17.9	263.3	11.14	27.24	13.84	260.4	14.19	23.66	63.78	64.36	-0.581	23.83	21.9	25.976	326.34
"2014-12-21	17:00:00"	18.2	260.8	9.78	27.84	13.87	258.2	13.21	23.07	63.88	63.86	0.016	24.47	22.9	25.942	125.18
"2014-12-21	18:00:00"	14.89	268.9	8.56	26.65	11.76	268.2	10.13	19.49	62.53	62.24	0.291	25.97	24.6	25.949	30.939
"2014-12-21	19:00:00"	10.61	257.3	10.27	16.51	8.05	253.5	13.7	14.72	59.73	59.1	0.632	28.21	27.22	25.942	0.25024
"2014-12-21	20:00:00"	18.43	279	11	27.24	13.26	274.8	13.4	24.86	58.6	58.04	0.565	29.03	28.01	25.94	0
"2014-12-21	21:00:00"	15.44	278.1	8.41	25.45	11.53	273.3	10.67	20.68	56.95	56.36	0.584	30.09	29.13	25.955	0
"2014-12-21	22:00:00"	11.06	270.5	8.62	17.7	8.47	268.2	9.56	14.72	53.76	53.16	0.602	32.98	32.11	25.946	0
"2014-12-21	23:00:00"	11.99	277.5	8.08	19.49	8.78	272	10.24	14.72	54.26	53.51	0.75	33.35	32.66	25.951	0
"2014-12-22	00:00:00"	8.93	266.3	9.85	12.93	6.453	263.2	12.3	10.54	52.85	51.95	0.904	35.1	34.7	25.951	0
"2014-12-22	01:00:00"	11.49	276.7	10.28	17.7	8.22	272.4	11.88	13.52	51.55	50.69	0.862	36.96	36.52	25.946	0
"2014-12-22	02:00:00"	11.71	284.3	8.76	16.51	7.809	279.2	11.89	14.12	50.13	49.08	1.048	39.13	39.09	25.938	0
"2014-12-22	03:00:00"	10.13	282.9	17.12	15.91	6.632	275.5	21.28	12.93	49.48	48.59	0.89	40.42	40.25	25.94	0
"2014-12-22	04:00:00"	7.394	287.8	10.79	12.93	4.401	279.6	13.57	10.54	49.94	48.35	1.592	40.17	41.05	25.945	0
"2014-12-22	05:00:00"	9.36	282.4	12.27	14.72	6.398	274.9	14.03	11.74	49.2	48.29	0.915	41.64	41.64	25.939	0
"2014-12-22	06:00:00"	10.72	278.8	8.23	15.31	7.661	272.9	10.45	12.93	49.88	49.13	0.747	41.16	40.73	25.942	0
"2014-12-22	07:00:00"	11.44	295.5	9.23	17.7	6.694	289.1	11.67	14.72	49.02	48.1	0.913	43.29	43.29	25.953	0
"2014-12-22	08:00:00"	12.38	296.5	7.899	17.1	7.093	291.2	10.46	12.33	49.53	48.68	0.855	43.11	43.02	25.957	0.86425
"2014-12-22	09:00:00"	8.6	298.1	10.01	12.93	4.798	292.9	13.08	10.54	49.41	48.54	0.865	43.69	43.78	25.973	36.795
"2014-12-22	10:00:00"	8.33	309	11.51	14.72	4.71	303	13.95	9.35	52.15	51.86	0.288	40.76	40.1	25.992	93.449
"2014-12-22	11:00:00"	8.65	290.7	10.76	14.72	6.013	284.2	13.56	11.74	55.42	55.58	-0.162	37.35	36.17	26	152.26
"2014-12-22	12:00:00"	11.7	297.1	10.7	18.3	7.659	291	12.86	14.12	60.01	60.64	-0.634	32.84	31.12	25.985	303.53
"2014-12-22	13:00:00"	14.44	319.7	21.65	29.03	9.12	312	21.78	22.47	63.32	63.96	-0.639	29.92	28.1	25.957	289.27
"2014-12-22	14:00:00"	11.58	1.415	13.2	19.49	9.09	349.7	14.37	18.3	61.59	62.43	-0.839	33.24	31.17	25.932	278.63
"2014-12-22	15:00:00"	8.32	357	20.1	13.52	6.521	345.3	21.58	11.74	61.24	62.2	-0.954	33.49	31.35	25.899	267.03
"2014-12-22	16:00:00"	3.584	44.09	87.8	8.75	3.081	51.6	85.3	6.964	62.24	62.89	-0.65	32.57	30.63	25.858	336.27
"2014-12-22	17:00:00"	2.641	110.5	63.19	5.771	2.286	90.2	58.61	4.578	63.92	64.2	-0.281	30.42	28.75	25.838	215.3

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-22	18:00:00"	9.56	84.2	12.68	17.7	6.687	76.1	13.14	15.91	59.87	58.99	0.887	35.87	35.37	25.844	18.096	0	
"2014-12-22	19:00:00"	10.85	97.4	10.2	15.31	7.819	88.7	11.42	11.74	53.47	52.98	0.498	44.56	43.67	25.854	0.20675	0	
"2014-12-22	20:00:00"	11.35	95.8	6.612	15.31	7.95	85.3	8.39	12.33	50.32	49.69	0.627	48.56	48.12	25.854	0	0	
"2014-12-22	21:00:00"	14.27	67.31	19.27	22.47	10.5	59.76	22.06	20.09	48.95	48.74	0.202	50.48	49.77	25.878	0	0	
"2014-12-22	22:00:00"	21.95	34.09	27.2	36.19	17.01	25	30.31	30.82	46.01	45.71	0.299	59.7	60.31	25.959	0	0.08	
"2014-12-22	23:00:00"	15.78	98.2	9.77	24.26	12.23	90.5	10.63	20.09	41.04	40.97	0.067	77.34	78.14	25.931	0	0	
"2014-12-23	00:00:00"	13.01	97.7	13.61	24.26	10.11	89.4	14.63	15.91	40.49	40.41	0.085	78.37	78.97	25.93	0	0	
"2014-12-23	01:00:00"	10.77	51.58	20.91	20.68	8.47	43.97	22.96	17.1	40.49	40.47	0.021	81.7	82.1	25.975	0	0.01	
"2014-12-23	02:00:00"	12.97	50.7	10.84	20.09	10.38	43.97	12.52	17.7	40.14	40.16	-0.021	84.7	84.8	25.962	0.00163	0	
"2014-12-23	03:00:00"	11.94	53.45	10.13	17.1	9.62	46.63	11.58	14.12	38.98	39.03	-0.059	82.3	82.8	25.968	0	0	
"2014-12-23	04:00:00"	11.28	45.29	8.54	17.1	9.07	39.07	10.39	14.12	38.26	38.33	-0.066	80.8	81.4	25.976	0	0	
"2014-12-23	05:00:00"	9.39	34	17.08	15.91	7.27	26.17	21.46	12.93	38.01	38.08	-0.066	82.8	83.2	25.995	0.00269	0.01	
"2014-12-23	06:00:00"	11	12.07	13.52	21.28	8.37	1.064	15.99	18.3	37.1	37.12	-0.024	84	84.5	26.021	0.04193	0.03	
"2014-12-23	07:00:00"	16.17	12.51	8.03	25.45	12.24	0.792	14.71	21.28	35.18	35.27	-0.096	85	84.9	26.05	0.09077	0.02	
"2014-12-23	08:00:00"	19.14	23.53	7.079	27.24	14.94	14.02	14.96	22.47	34.26	34.38	-0.114	85.3	84.9	26.078	0.54246	0.04	
"2014-12-23	09:00:00"	17	22.52	6.821	25.45	13.04	12.49	15.17	21.87	33.7	33.8	-0.104	86.2	85.6	26.116	10.408	0.02	
"2014-12-23	10:00:00"	22.85	26.76	6.941	35	17.83	18.2	14.21	29.03	33.5	33.65	-0.152	84.5	84.5	26.157	62.514	0.01	
"2014-12-23	11:00:00"	15.58	36.13	7.413	25.45	12.54	29.6	11.06	23.07	35.51	35.81	-0.302	77.12	78.94	26.187	164.61	0	
"2014-12-23	12:00:00"	16.19	19.71	8.85	28.43	12.46	10.19	15.88	23.66	39.1	39.3	-0.205	61.29	64.16	26.195	212.54	0	
"2014-12-23	13:00:00"	25.71	22.37	10.53	39.77	20.15	13.2	17.93	33.21	41.43	42.34	-0.91	46.24	47.97	26.178	579.92	0	
"2014-12-23	14:00:00"	31.36	13.02	10.67	45.73	24.24	2.511	19.13	40.96	43.39	44.38	-0.984	37.6	38.05	26.162	544.73	0	
"2014-12-23	15:00:00"	30.32	11.11	11.52	44.54	23.46	360	20.55	37.98	42.96	43.58	-0.627	37.32	37.46	26.168	328.43	0	
"2014-12-23	16:00:00"	26.32	11.59	10.68	43.94	20.41	1.078	20.15	37.38	42.01	42.28	-0.273	39.37	39.45	26.182	164.52	0	
"2014-12-23	17:00:00"	25.41	8.01	12.58	37.38	19.58	356.5	19.6	32.01	41.36	41.4	-0.044	39.51	39.61	26.198	113.46	0	
"2014-12-23	18:00:00"	20.51	3.122	13.32	35	15.59	351.1	17.41	30.82	41.07	40.79	0.28	39.26	39.56	26.211	51.956	0	
"2014-12-23	19:00:00"	17.02	0.215	14.35	26.65	12.94	347.6	13.31	22.47	40.13	39.65	0.477	41.26	41.92	26.23	0.23937	0	
"2014-12-23	20:00:00"	20.23	3.336	13.44	34.4	15.45	350.9	17.38	29.63	39.59	39.06	0.537	40.21	40.67	26.245	0	0	
"2014-12-23	21:00:00"	12.7	8.41	9.67	24.26	9.45	357.1	18.49	21.28	36.87	36.11	0.754	49.42	50.39	26.264	0.00077	0	
"2014-12-23	22:00:00"	14.21	12.2	9.23	23.66	10.82	1.029	19.62	20.09	36.54	35.96	0.577	53.35	54.04	26.281	0.00355	0	
"2014-12-23	23:00:00"	15.41	20.6	7.504	24.26	11.66	10.2	14.94	22.47	36.78	36.41	0.365	54.08	54.64	26.301	0.00144	0	
"2014-12-24	00:00:00"	18.2	20.97	6.774	28.43	13.9	10.76	14.92	24.26	36.51	36.17	0.343	52.19	52.68	26.317	0.00038	0	
"2014-12-24	01:00:00"	17.02	18.43	6.861	28.43	12.91	7.784	16.45	26.65	34.63	34.17	0.458	55.4	55.97	26.311	0.00528	0	
"2014-12-24	02:00:00"	11.32	359.2	16.46	17.1	8.29	347.9	20.66	14.72	32.46	31.83	0.631	60.69	61.74	26.309	0.00797	0	
"2014-12-24	03:00:00"	8.39	331.8	11.07	12.93	5.113	321.9	11.3	11.74	31.04	29.87	1.172	62.43	65.16	26.316	0.08379	0	
"2014-12-24	04:00:00"	8.08	322.3	14.37	11.74	4.231	312.3	14.08	8.75	30.19	28.92	1.269	62.85	66.06	26.318	0.0793	0	
"2014-12-24	05:00:00"	9.7	316.2	6.553	12.93	4.876	309.5	9.37	8.16	28.99	28.08	0.916	65.77	68.15	26.313	0.07728	0	
"2014-12-24	06:00:00"	11.18	328.1	10.94	14.72	7.041	321.8	11.38	11.74	28.11	27.42	0.694	67.47	69.21	26.31	0.10618	0	
"2014-12-24	07:00:00"	11.03	351.5	14.53	15.31	7.69	341.5	14.99	12.93	29.54	28.66	0.877	60.4	62.45	26.314	0.10935	0	
"2014-12-24	08:00:00"	11.4	353.2	15.8	16.51	8.11	341.8	13.33	13.52	29.4	28.57	0.829	59.13	60.89	26.311	2.0184	0	
"2014-12-24	09:00:00"	7.698	299.9	22.21	11.74	5.023	293.4	22.7	9.35	28.25	28.21	0.041	63.61	63.93	26.332	95.904	0	
"2014-12-24	10:00:00"	9.41	308.7	8.96	14.12	5.657	302.8	11.79	10.54	33.86	34.5	-0.647	49.61	48.5	26.354	276.56	0	
"2014-12-24	11:00:00"	9.01	297	14.68	15.91	6.05	290.5	17.56	12.93	38.63	39.65	-1.018	33.64	32.73	26.358	435.03	0	
"2014-12-24	12:00:00"	11.51	289.3	16.92	18.3	8.14	284.2	17.43	16.51	40.31	41.58	-1.27	32.87	31.81	26.339	548.54	0	
"2014-12-24	13:00:00"	12.53	266.7	16.22	19.49	9.86	262.1	18	17.1	41.71	43.09	-1.377	32.06	30.79	26.308	603.16	0	
"2014-12-24	14:00:00"	14.25	245	15.07	27.24	11.79	238.2	18.06	21.28	43	44	-1.006	32.86	31.32	26.26	583.18	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-24	15:00:00"	15.55	232.3	15.55	27.24	12.77	224.5	18.56	23.66	43.78	44.55	-0.772	33.41	31.78	26.222	522.67	0	
"2014-12-24	16:00:00"	16.21	235.2	14.26	24.86	13.38	227.4	17.66	21.87	44.78	45.34	-0.558	32.98	31.39	26.195	396.59	0	
"2014-12-24	17:00:00"	14.95	233.2	13.31	24.86	12.04	224.8	15.25	21.87	45.65	45.9	-0.25	33.29	31.89	26.187	231.44	0	
"2014-12-24	18:00:00"	10.99	227.3	12.54	18.89	9.01	217.8	13.5	17.7	45.69	45.51	0.176	35.57	34.59	26.17	53.295	0	
"2014-12-24	19:00:00"	6.722	215.5	13.26	9.95	4.953	202.6	13.09	7.561	42.33	41.68	0.652	41.65	41.67	26.15	0.26507	0	
"2014-12-24	20:00:00"	7.347	206.8	9.08	11.14	4.998	203.8	10.82	8.16	39.57	38.7	0.877	47.08	47.78	26.136	0.0001	0	
"2014-12-24	21:00:00"	8.02	207.2	11.21	13.52	5.614	202.1	12.05	9.35	37.34	36.6	0.737	53.3	53.96	26.128	0.00259	0	
"2014-12-24	22:00:00"	7.829	207.9	11.5	12.33	5.605	199	10.11	8.75	35.57	34.82	0.746	56.68	57.49	26.111	0.01785	0	
"2014-12-24	23:00:00"	8.43	203	8.02	12.33	5.863	201	10.19	9.35	34.21	33.42	0.788	58.63	59.71	26.096	0.00893	0	
"2014-12-25	00:00:00"	8.29	209.7	13.36	13.52	5.995	201.6	13.35	11.14	33.92	33.2	0.721	59.35	60.28	26.08	0.03465	0	
"2014-12-25	01:00:00"	7.362	206.1	11.17	10.54	5.009	199.7	11.87	8.75	32.34	31.54	0.803	62.22	63.73	26.051	0.04789	0	
"2014-12-25	02:00:00"	7.644	213.5	11.86	11.14	5.751	202.4	12.37	9.95	34.22	33.7	0.519	57.31	57.82	26.037	0.01728	0	
"2014-12-25	03:00:00"	8.26	218.2	11.75	13.52	6.397	206.6	14.09	9.95	34.5	34.1	0.397	55.02	55.07	26.022	0.01468	0	
"2014-12-25	04:00:00"	9.66	215	13.39	14.72	7.358	208.6	14.96	11.74	35.86	35.34	0.522	50.22	50.57	26.011	0.00029	0	
"2014-12-25	05:00:00"	10.06	200.1	9.37	15.31	7.444	194.4	11.96	11.74	35.89	35.38	0.505	50.54	51.07	25.999	0.00077	0	
"2014-12-25	06:00:00"	8.5	219.6	14.38	14.12	6.675	211.6	15.93	11.74	36.09	35.7	0.398	49.42	49.38	25.991	0.00125	0	
"2014-12-25	07:00:00"	11.93	203.3	9.78	19.49	9.01	197	11.91	15.31	35.55	35.21	0.343	51.44	51.42	25.985	0.00115	0	
"2014-12-25	08:00:00"	11.41	201.3	11.18	19.49	8.76	193.2	13.12	15.91	34.45	34.05	0.399	53.88	54.03	25.971	1.5368	0	
"2014-12-25	09:00:00"	9.58	211.5	13.5	15.91	7.474	203.1	15.63	12.93	34.19	33.99	0.205	55.04	54.81	25.976	33.942	0	
"2014-12-25	10:00:00"	12.93	200.7	9.95	18.89	10.01	193.6	12.78	15.91	37.71	37.64	0.07	46.95	46.55	25.992	121.92	0	
"2014-12-25	11:00:00"	10.84	203.9	12.09	18.3	8.41	196.1	13.7	14.72	39.7	39.91	-0.21	44.54	43.62	26.018	179.94	0	
"2014-12-25	12:00:00"	15.18	197	9.75	23.07	11.75	189.5	13.35	18.89	43.39	43.86	-0.479	39.17	38.13	26.006	339.37	0	
"2014-12-25	13:00:00"	15.23	214	13.26	25.45	12.2	204.3	15.74	20.09	48.66	49.28	-0.62	31.67	30.13	25.985	499.39	0	
"2014-12-25	14:00:00"	15.43	211.4	11.67	21.87	12.38	202.8	14	18.89	50.91	51.49	-0.584	29.64	28.09	25.962	405.69	0	
"2014-12-25	15:00:00"	16.39	204.8	10.97	23.66	12.95	196.7	12.82	19.49	52.97	53.47	-0.493	28	26.57	25.939	352.13	0	
"2014-12-25	16:00:00"	14.81	205.9	10.92	21.87	11.51	198.9	12.93	20.09	55.26	55.39	-0.133	25.59	24.35	25.93	218.88	0	
"2014-12-25	17:00:00"	13.89	207.6	13.18	21.28	10.95	198.2	14.37	17.7	56.93	56.77	0.153	23.66	22.53	25.932	103.74	0	
"2014-12-25	18:00:00"	8.86	196.9	8.46	18.3	6.487	191.3	12.36	15.31	54.66	53.85	0.812	27.41	27.25	25.932	17.494	0	
"2014-12-25	19:00:00"	8.16	188.2	11.57	14.12	5.52	179.1	16.65	10.54	52.47	50.95	1.527	31.42	32.31	25.933	0.27072	0	
"2014-12-25	20:00:00"	11.56	169.9	9.58	16.51	8.63	159.1	10.36	13.52	50.09	49.05	1.041	35.18	35.37	25.943	0	0	
"2014-12-25	21:00:00"	11.26	155.1	8.46	15.31	8.46	144.8	8.92	12.33	46.28	45.52	0.753	39.25	39.32	25.94	0	0	
"2014-12-25	22:00:00"	6.795	177.1	24.59	15.31	4.989	170.5	32.87	11.74	44.43	43.82	0.613	40.49	40.26	25.943	0	0	
"2014-12-25	23:00:00"	6.314	192.3	12.71	11.14	4.099	185.1	17.94	6.964	44.06	42.72	1.334	41.48	43.1	25.952	0	0	
"2014-12-26	00:00:00"	6.588	213.6	14	11.74	4.724	209.1	16.36	7.561	43.65	42.82	0.829	42.58	42.72	25.956	0	0	
"2014-12-26	01:00:00"	8.21	209.1	9.41	11.14	5.803	202.1	10.18	8.16	42.67	41.87	0.805	47.15	47.19	25.954	0	0	
"2014-12-26	02:00:00"	7.054	201.9	8.3	9.95	4.729	199	11.28	6.964	41.55	40.5	1.056	51.65	52.41	25.952	0	0	
"2014-12-26	03:00:00"	6.998	202	11.18	9.95	4.621	198.6	13.75	6.964	41.24	40.08	1.161	54.51	55.6	25.963	0	0	
"2014-12-26	04:00:00"	7.471	204.6	9.51	10.54	4.974	199.7	13.02	7.561	41.08	39.95	1.127	56.64	57.64	25.964	0	0	
"2014-12-26	05:00:00"	7.789	200.5	10.86	11.14	5.332	195.7	13.86	8.16	39.8	38.81	0.994	60.35	61.26	25.957	0	0	
"2014-12-26	06:00:00"	6.314	217.6	11.59	9.95	4.414	213	13.92	6.964	39.74	39	0.739	61.62	61.91	25.963	0	0	
"2014-12-26	07:00:00"	6.446	217.2	12.42	9.35	4.58	213.4	14.31	8.16	39.08	38.26	0.814	63.17	63.64	25.974	0	0	
"2014-12-26	08:00:00"	5.648	226.7	13.43	9.35	3.92	221.9	15.31	7.561	38.07	37.33	0.743	66.19	66.51	25.991	1.0905	0	
"2014-12-26	09:00:00"	5.611	216.3	12.22	8.75	4.164	207.9	14.3	6.368	37.72	37.49	0.237	68.03	67.68	26.015	90.129	0	
"2014-12-26	10:00:00"	6.655	209.3	12.74	12.93	5.239	203.4	15.74	9.35	42.23	42.7	-0.476	63.07	61.73	26.037	277.79	0	
"2014-12-26	11:00:00"	8.72	242.7	20.38	13.52	7.145	236.4	22.3	12.33	48.5	49.14	-0.646	47.66	45.82	26.059	370.17	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-26	12:00:00"	15.01	278.5	15.72	26.05	10.88	273.8	17.57	22.47	53.49	54.71	-1.218	35.59	33.63	26.068	502.16	0
"2014-12-26	13:00:00"	20.5	302	8.97	30.22	12.21	296.6	11.17	26.05	53.92	54.98	-1.057	37.43	35.32	26.058	464.55	0
"2014-12-26	14:00:00"	20.09	309.7	9.3	28.43	11.6	304.3	11.61	20.09	53.47	54.53	-1.059	42.68	40.09	26.046	431.11	0
"2014-12-26	15:00:00"	21.37	306.9	10.16	30.82	12.45	301.7	12.33	20.68	52.83	53.74	-0.903	44.86	42.19	26.04	364.52	0
"2014-12-26	16:00:00"	20.22	296.8	10.14	30.82	12.62	292.1	12.25	23.66	51.01	51.55	-0.543	43.8	41.7	26.065	189.91	0
"2014-12-26	17:00:00"	18.59	301.8	9.81	27.24	10.96	297	12.13	21.87	50.16	50.31	-0.15	40.84	39.36	26.08	93.806	0
"2014-12-26	18:00:00"	15.42	322.6	11.73	26.05	9.73	316.1	12.75	20.09	47.6	47.37	0.231	47.19	46.2	26.089	25.581	0
"2014-12-26	19:00:00"	6.373	300.8	29.8	13.52	3.854	295.1	32.39	11.74	46.21	45.79	0.416	52.93	52.53	26.122	0.20043	0
"2014-12-26	20:00:00"	5.372	273.6	26.33	9.35	3.606	269.8	31.64	7.561	46.21	45.66	0.554	52.08	52.42	26.162	0	0
"2014-12-26	21:00:00"	6.066	279.6	14.62	8.75	3.963	275.2	16.95	6.368	45.37	44.88	0.484	53.27	53.43	26.177	0	0
"2014-12-26	22:00:00"	10.01	317.5	15.97	18.3	6.044	313.1	15.12	13.52	44.86	44.04	0.82	52.06	52.89	26.186	0	0
"2014-12-26	23:00:00"	11.04	346.8	10.87	15.91	8	337.1	10.27	13.52	44.42	43.78	0.632	51.55	51.76	26.205	0	0
"2014-12-27	00:00:00"	12.36	6.052	14.93	20.68	9.33	355.6	19.27	17.1	42.06	41.85	0.207	59.6	59.01	26.225	0	0
"2014-12-27	01:00:00"	12.58	26.31	6.599	17.7	9.74	17.39	14.01	16.51	38.12	38.16	-0.044	65.77	65.05	26.245	0	0
"2014-12-27	02:00:00"	11.93	35.09	8.68	17.7	9.43	27.96	12.66	14.72	35.84	35.93	-0.088	75.34	75.11	26.256	0.00355	0
"2014-12-27	03:00:00"	10.96	35.96	7.154	15.31	8.81	28.9	10.55	13.52	34.05	34.2	-0.145	83.7	83.6	26.269	0.07533	0
"2014-12-27	04:00:00"	11.63	28.11	6.374	16.51	9	19.54	12.49	13.52	33.91	34.07	-0.16	85.2	84.9	26.273	0.10258	0
"2014-12-27	05:00:00"	11.12	26.4	8.02	15.31	8.7	18.04	14.13	12.33	33.77	33.89	-0.122	85.8	85.5	26.272	0.28874	0.01
"2014-12-27	06:00:00"	7.116	33.91	12.27	11.14	5.638	25.8	16.97	9.35	33.71	33.76	-0.048	86	85.9	26.29	0.34517	0.01
"2014-12-27	07:00:00"	5.649	52.56	7.976	8.16	4.472	45.46	9.36	6.964	32.79	32.71	0.078	87	86.5	26.311	0.34546	0.03
"2014-12-27	08:00:00"	7.114	42.62	10.97	11.14	5.513	35.1	13.43	9.35	32.76	32.71	0.042	87.5	86.9	26.33	0.4663	0.01
"2014-12-27	09:00:00"	9.33	30.91	7.898	14.12	7.339	23.4	12.19	13.52	32.7	32.71	-0.018	86.6	86.4	26.366	8.9292	0
"2014-12-27	10:00:00"	13.16	32.34	6.986	18.89	10.75	24.83	11.57	17.1	32.1	32.32	-0.226	83.9	84.5	26.395	57.28	0
"2014-12-27	11:00:00"	14.79	35.34	6.402	20.09	12.04	28.43	11.17	17.1	31.24	31.64	-0.402	80.9	81.9	26.423	95.163	0
"2014-12-27	12:00:00"	15.51	45.68	6.981	20.68	12.87	38.93	9.03	19.49	30.54	31.08	-0.539	79.69	80.5	26.421	150.13	0
"2014-12-27	13:00:00"	13.32	47.73	8.6	18.89	11.02	40.88	10.95	16.51	31	31.66	-0.659	79.23	79.84	26.409	156.25	0
"2014-12-27	14:00:00"	12.89	40.4	9.76	18.89	10.57	33.94	12.22	15.91	31.92	32.62	-0.708	76.91	77.64	26.392	182.69	0
"2014-12-27	15:00:00"	12.72	49.46	9.33	17.7	10.6	42.78	10.71	17.1	33.52	34.5	-0.98	72.44	72.84	26.38	318.45	0
"2014-12-27	16:00:00"	11.77	52.42	11.84	17.1	9.72	45.42	13.68	14.72	35.24	36.37	-1.132	67.27	66.78	26.375	371	0
"2014-12-27	17:00:00"	10.12	56.83	13.36	17.1	8.25	50.34	15.63	14.72	35.94	36.63	-0.69	61.06	60.77	26.382	215.65	0
"2014-12-27	18:00:00"	7.056	66.28	15.46	10.54	5.239	58.71	18.27	9.35	35.05	34.93	0.121	60.96	61.94	26.388	52.684	0
"2014-12-27	19:00:00"	5.353	61.53	7.65	7.561	2.983	57.13	11.52	5.175	33.38	31.65	1.724	63.54	69.27	26.394	0.31498	0
"2014-12-27	20:00:00"	3.999	75.62	8.22	5.175	2.461	42.88	28.9	3.982	32.83	30.53	2.298	63.74	71.14	26.405	0.06988	0
"2014-12-27	21:00:00"	3.476	59.42	6.311	4.578	3.077	5.691	0.286	4.578	32.81	28.32	4.491	63.16	74.95	26.407	0.11626	0
"2014-12-27	22:00:00"	2.736	43.98	10.02	4.578	2.406	5.671	0.306	4.578	32.21	29.3	2.901	65.8	75.14	26.408	0.1273	0
"2014-12-27	23:00:00"	3.283	53.96	12.39	4.578	2.248	5.575	0.42	3.982	30.28	29.27	1.012	73.08	76.9	26.417	0.13287	0
"2014-12-28	00:00:00"	3.311	57.62	0.333	5.175	2.023	5.576	0.425	3.982	29.34	28.77	0.566	75.32	77.31	26.425	0.10032	0
"2014-12-28	01:00:00"	4.173	57.62	0.405	7.561	2.739	5.523	0.387	5.175	28.82	28.3	0.515	72.65	74.57	26.422	0.08458	0
"2014-12-28	02:00:00"	4.989	57.62	0.405	7.561	3.498	333.1	52.57	5.771	28.68	28.19	0.49	75.72	75.9	26.407	0.06548	0
"2014-12-28	03:00:00"	4.477	57.62	0.405	7.561	2.965	253.5	1.109	5.175	28.43	27.77	0.654	76.68	77.47	26.395	0.10445	0
"2014-12-28	04:00:00"	3.532	57.62	0.405	5.771	2.232	252.8	0.471	4.578	27.86	27.16	0.704	76.87	77.62	26.371	0.04752	0
"2014-12-28	05:00:00"	5.22	57.62	0.405	8.16	3.89	245.1	9.41	8.16	26.91	26.63	0.273	80.1	79.83	26.343	0.10657	0
"2014-12-28	06:00:00"	6.166	57.62	0.405	8.75	4.55	237.8	23.89	6.964	24.52	24.25	0.267	84	83.6	26.324	0.10397	0
"2014-12-28	07:00:00"	5.86	57.62	0.405	8.75	4.089	238.2	12.89	6.964	26.11	25.67	0.44	84.8	84.1	26.324	0.02477	0
"2014-12-28	08:00:00"	5.808	57.62	0.405	8.75	3.727	260.6	21.17	6.368	26.06	25.28	0.786	84.8	83.9	26.331	1.3386	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2014-12-28	09:00:00"	4.668	57.61	0.31	7.561	3.397	218.4	2.107	5.771	25.24	25.12	0.127	84.3	83.8	26.339	84.144	0
"2014-12-28	10:00:00"	5.56	65.51	79.91	9.35	4.63	229.4	18.63	7.561	27.68	28.04	-0.364	85.7	85.3	26.355	250.92	0
"2014-12-28	11:00:00"	6.779	216.9	10.71	9.95	5.715	210.4	17.12	9.35	31.11	31.74	-0.63	85.7	84.3	26.347	414.61	0
"2014-12-28	12:00:00"	8.63	216.9	11.32	13.52	7.196	211.9	16.85	11.14	33.57	34.6	-1.03	82.6	80.6	26.319	539.42	0
"2014-12-28	13:00:00"	11.34	216.1	13.71	17.1	9.2	209.8	16.93	14.12	37.96	39.12	-1.161	73.82	71.5	26.281	595.38	0
"2014-12-28	14:00:00"	12	220.3	14.73	17.1	9.8	213.3	17.42	15.31	41.25	42.24	-0.994	63.61	61.56	26.249	576.74	0
"2014-12-28	15:00:00"	13.12	243.5	15.6	23.07	10.76	238.3	18.47	21.87	44.95	45.82	-0.863	47.68	45.88	26.229	517.79	0
"2014-12-28	16:00:00"	12.74	245.4	13.63	20.68	10.52	239.9	17.47	18.89	47.03	47.68	-0.648	40.68	39.02	26.212	386.49	0
"2014-12-28	17:00:00"	11.97	233.3	13.85	20.09	9.73	226.1	17.25	18.3	48.06	48.28	-0.217	38.08	36.86	26.202	225.87	0
"2014-12-28	18:00:00"	9.42	222.8	12.33	15.91	7.349	214.3	15.2	14.12	46.72	46.47	0.251	41.24	40.43	26.193	55.773	0
"2014-12-28	19:00:00"	7.734	232.8	13.2	11.74	5.896	226	14.73	11.14	43.72	43.24	0.482	49.6	49.26	26.198	0.66769	0
"2014-12-28	20:00:00"	6.624	221.5	12.62	10.54	4.876	207.9	14.98	8.16	40.96	40.33	0.633	56.33	56.49	26.203	0	0
"2014-12-28	21:00:00"	8.26	224.8	12.23	12.33	6.145	214.4	14.37	10.54	39.28	38.74	0.541	59.59	59.67	26.209	0	0
"2014-12-28	22:00:00"	7.564	222.4	12.41	12.33	5.692	211.6	14.58	9.35	37.96	37.4	0.552	61.07	61.23	26.205	0.00038	0
"2014-12-28	23:00:00"	7.683	232.2	13.2	12.33	5.972	221.5	16.03	10.54	35.93	35.51	0.415	65.19	65.12	26.206	0.00528	0
"2014-12-29	00:00:00"	7.267	242.2	10.4	10.54	5.298	236.1	13	8.75	35.53	34.99	0.544	66.85	67.26	26.197	0.0023	0
"2014-12-29	01:00:00"	8.05	261.5	8.76	10.54	5.618	258.5	11.62	8.16	35.72	35.07	0.648	66.26	67.35	26.19	0.00508	0
"2014-12-29	02:00:00"	7.954	258.1	9.25	10.54	5.578	253.8	11.12	8.16	35.68	35.08	0.597	67.11	68.2	26.177	0.00393	0
"2014-12-29	03:00:00"	8.63	260.7	8.06	11.74	5.668	258.2	10.21	9.35	36.2	35.37	0.828	65.52	67.4	26.174	0.00624	0
"2014-12-29	04:00:00"	7.692	244.9	10.85	11.74	6.001	241	14.02	9.35	35.79	35.44	0.348	67.38	67.75	26.182	0.00288	0
"2014-12-29	05:00:00"	7.494	270.1	15.95	11.14	5.17	270.9	23.45	8.75	35.97	34.64	1.33	67.08	69.35	26.189	0.01459	0
"2014-12-29	06:00:00"	4.182	317.6	79.94	7.561	2.679	4.85	83.6	4.578	35.6	31.59	4.002	63.72	71.78	26.186	0.02294	0
"2014-12-29	07:00:00"	5.163	4.286	55.35	8.75	3.699	8.98	38.13	6.368	36.93	29.65	7.283	59.17	73.27	26.184	0.1268	0
"2014-12-29	08:00:00"	5.457	263.7	59.2	9.95	3.491	293.6	79.41	7.561	34.77	30.21	4.552	61.24	71.41	26.2	1.464	0
"2014-12-29	09:00:00"	3.516	336	27.75	5.175	2.894	346.5	37.64	5.771	38.25	31.62	6.628	52	72.8	26.213	90.317	0
"2014-12-29	10:00:00"	3.28	248.4	75.8	5.771	2.629	226.9	79.96	4.578	40.44	40.48	-0.039	51.78	53.36	26.232	270.49	0
"2014-12-29	11:00:00"	5.216	252	12.13	8.16	4.387	242.4	14.39	7.561	44.11	44.64	-0.532	44.28	43.22	26.258	364.97	0
"2014-12-29	12:00:00"	2.84	251.3	43.04	5.771	2.434	242	50.83	4.578	47.1	47.83	-0.731	35.21	33.78	26.246	532.11	0
"2014-12-29	13:00:00"	7.333	219.8	19.67	13.52	6.016	210.6	26.37	12.93	49.91	50.94	-1.028	33.97	32.43	26.208	557.25	0
"2014-12-29	14:00:00"	8.99	212.6	21.13	15.91	7.357	205.1	24.11	14.72	52.32	53.46	-1.133	31.9	30.23	26.174	589.31	0
"2014-12-29	15:00:00"	9.9	240.6	21.73	17.7	8.03	234	25.59	14.72	55.6	56.48	-0.884	25.39	23.79	26.149	507.49	0
"2014-12-29	16:00:00"	11.35	236.1	19.04	17.7	9.2	229	23.05	17.1	57.12	57.78	-0.658	24.26	22.67	26.136	409.86	0
"2014-12-29	17:00:00"	13.01	228.8	14.4	21.28	10.56	219.9	16.38	19.49	57.62	57.74	-0.123	24.84	23.37	26.137	225.2	0
"2014-12-29	18:00:00"	9.75	222.3	13.64	19.49	7.844	208.1	15.61	17.1	55.61	55.23	0.377	26.54	25.45	26.145	38.71	0
"2014-12-29	19:00:00"	5.714	212.5	11.92	9.35	3.887	195.8	12.47	8.16	51	49.7	1.295	33.13	33.71	26.161	0.26142	0
"2014-12-29	20:00:00"	5.373	230.4	13.55	8.75	3.184	222.9	24.57	6.368	49.94	48.26	1.678	33.74	34.81	26.181	0	0
"2014-12-29	21:00:00"	6.01	235.4	28.67	9.95	3.85	226.3	42.47	8.16	47.86	45.59	2.27	35.43	38.11	26.205	0	0
"2014-12-29	22:00:00"	3.666	197.3	31.22	5.771	2.166	160.3	76.86	3.982	45.8	41.39	4.413	37.49	43.96	26.226	0	0
"2014-12-29	23:00:00"	3.844	180.2	16.33	6.368	2.513	121.1	44.11	3.982	44.54	39.65	4.894	38.19	46.01	26.241	0.00029	0
"2014-12-30	00:00:00"	4.59	79.52	26.98	12.33	4.357	58.65	12.53	8.75	45.68	36.73	8.95	35.59	50.71	26.252	0.00192	0
"2014-12-30	01:00:00"	16.47	52.12	10.61	30.82	12.79	43.61	12.14	25.45	34.6	33.49	1.102	62.19	64.37	26.291	0.02025	0
"2014-12-30	02:00:00"	16.88	59.59	7.69	23.66	13.3	52.13	9.42	20.68	31.62	31.26	0.366	69.83	69.87	26.318	0.03781	0
"2014-12-30	03:00:00"	17.59	49.67	7.747	30.22	14.13	42.43	9.18	24.86	30.28	30.03	0.253	73.51	73.37	26.342	0.08359	0
"2014-12-30	04:00:00"	22.86	52.97	8.37	33.21	18.52	45.47	9.42	29.03	31.09	31.09	-0.001	76.4	75.73	26.354	0.04751	0
"2014-12-30	05:00:00"	22.97	49.44	8.44	32.01	18.57	42.34	9.84	27.84	31.17	31.22	-0.047	75.18	74.45	26.379	0.01219	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2014-12-30	06:00:00"	21.79	49.02	7.733	32.01	17.54	41.8	9.19	27.24	30.98	31.04	-0.052	72	71.31	26.393	0.01881	0
"2014-12-30	07:00:00"	18.65	52.75	8.08	29.03	15.13	45.17	9.59	26.05	30.92	30.97	-0.05	69.45	68.74	26.428	0.04165	0
"2014-12-30	08:00:00"	17.28	55.32	9.09	26.05	13.9	47.84	10.58	23.66	30.34	30.41	-0.071	68.26	67.52	26.459	0.47065	0
"2014-12-30	09:00:00"	17.16	56.07	9.09	25.45	13.7	49.05	10.56	23.07	29.23	29.4	-0.175	71.73	70.73	26.489	15.689	0
"2014-12-30	10:00:00"	16.21	54.19	8.32	24.26	13.15	46.57	9.48	21.28	28.09	28.38	-0.284	78.15	77.3	26.517	41.476	0
"2014-12-30	11:00:00"	16.64	58.09	8.83	23.66	13.4	50.82	9.92	21.28	27.9	28.21	-0.313	82.3	81.9	26.534	59.822	0
"2014-12-30	12:00:00"	18.46	60.78	8.26	26.05	14.84	53.73	10	24.26	27.84	28.18	-0.334	82.4	82.3	26.529	84.911	0
"2014-12-30	13:00:00"	18.02	60.57	9.71	24.86	14.46	53.79	11.48	22.47	27.32	27.67	-0.349	81.8	81.7	26.512	79.676	0
"2014-12-30	14:00:00"	17.11	58.16	8.73	24.26	14	50.97	10.23	21.28	25.75	26.15	-0.403	81.4	81.3	26.488	74.589	0
"2014-12-30	15:00:00"	16.11	41.62	9.68	23.66	13.22	34.84	11.73	20.68	22.73	23.28	-0.555	81.3	81.1	26.479	64.856	0
"2014-12-30	16:00:00"	16.94	42.25	8.53	24.26	14.08	35.61	10.61	21.28	20.96	21.51	-0.553	80.8	80.6	26.47	46.633	0
"2014-12-30	17:00:00"	15.46	46.48	9.33	21.28	12.9	39.49	11.21	18.89	20.77	21.27	-0.5	80.8	80.5	26.486	26.233	0
"2014-12-30	18:00:00"	13.86	49.52	9.73	20.68	12.25	43.12	10.53	18.89	20.38	20.84	-0.452	80.8	80.4	26.503	5.9215	0
"2014-12-30	19:00:00"	13.37	55.04	8.84	19.49	11.82	47.8	9.59	18.89	20.46	20.86	-0.4	80.7	80.2	26.515	0.10688	0
"2014-12-30	20:00:00"	13.75	48.82	8.04	19.49	12.04	41.99	9.1	17.7	20.06	20.47	-0.404	80.7	80.2	26.529	0.01469	0
"2014-12-30	21:00:00"	13.04	50.74	7.947	18.89	10.98	44.12	9.36	17.7	19.59	19.99	-0.394	80.4	79.88	26.544	0.01364	0
"2014-12-30	22:00:00"	14.49	48.03	7.702	20.09	12.17	41.06	9.24	18.89	18.92	19.31	-0.385	79.98	79.47	26.557	0.00586	0
"2014-12-30	23:00:00"	13.37	48.81	8.21	18.89	11.26	42.59	9.56	18.3	18.38	18.78	-0.397	79.98	79.42	26.574	0.00096	0
"2014-12-31	00:00:00"	12.09	41.66	8.85	18.3	6.317	35.05	11.15	15.91	17.47	17.92	-0.453	80	79.42	26.586	0.00048	0
"2014-12-31	01:00:00"	11.27	37.38	8.33	17.7	1	30.44	11.79	1	16.01	16.5	-0.493	79.26	78.73	26.588	0	0
"2014-12-31	02:00:00"	11.7	39.25	7.861	17.1	1	32.23	10.96	1	14.53	15.01	-0.481	78.06	77.58	26.582	0	0
"2014-12-31	03:00:00"	12.56	39.49	8.77	18.3	1	32.56	12.02	1	12.96	13.45	-0.488	76.75	76.23	26.58	0	0
"2014-12-31	04:00:00"	10.82	35.35	8.45	16.51	1	27.79	12.2	1	12.19	12.7	-0.505	76.48	75.94	26.585	0	0
"2014-12-31	05:00:00"	10.65	40.07	8.57	15.91	1	33.87	11.6	1	11.67	12.15	-0.472	76.53	75.96	26.583	0	0
"2014-12-31	06:00:00"	9.98	42.74	8.44	15.31	1	35.88	11.06	1	11.56	12.01	-0.457	76.55	75.98	26.576	0	0
"2014-12-31	07:00:00"	8.97	41.57	8.59	12.33	1	34.79	11.46	1	11.77	12.22	-0.449	76.63	76.06	26.575	0	0
"2014-12-31	08:00:00"	8.17	42.17	9.97	12.93	1	35.47	12.05	1	11.85	12.29	-0.441	76.83	76.26	26.584	0.77686	0
"2014-12-31	09:00:00"	7.559	40.41	10.06	11.14	1	33.09	11.73	1	12.04	12.52	-0.482	76.94	76.44	26.581	14.79	0
"2014-12-31	10:00:00"	7.277	44.16	13.63	9.95	1	33.47	13.27	1	12.32	12.9	-0.573	76.94	76.53	26.59	52.523	0
"2014-12-31	11:00:00"	6.695	69.57	5.136	9.35	1	36.19	15.47	1	13.01	13.72	-0.713	77.11	76.85	26.588	115.48	0
"2014-12-31	12:00:00"	6.452	72.63	0.408	8.75	1	40.76	14.24	1	13.58	14.35	-0.771	77.17	76.94	26.569	143.54	0
"2014-12-31	13:00:00"	5.164	72.64	0.422	8.16	1	47.91	18.22	1	14.21	14.95	-0.743	77.59	77.27	26.535	137.25	0
"2014-12-31	14:00:00"	4.702	72.66	0.485	6.964	1	49.26	17.38	1	14.89	15.6	-0.707	77.87	77.41	26.483	139.8	0
"2014-12-31	15:00:00"	3.597	72.68	0.379	6.964	1	59.72	22.1	1	15.51	16.17	-0.655	77.65	76.74	26.458	110.09	0
"2014-12-31	16:00:00"	3.764	72.68	0.49	6.964	1	70.71	28.72	1	16.1	16.61	-0.511	77.44	76.73	26.444	73.618	0
"2014-12-31	17:00:00"	3.832	72.69	0.268	5.771	1	54.88	20.68	1	16.59	17.07	-0.474	77.02	76.64	26.435	51.052	0
"2014-12-31	18:00:00"	3.48	72.7	0.308	5.175	1	69.98	20.41	1	16.84	17.23	-0.388	77.11	76.68	26.437	11.318	0
"2014-12-31	19:00:00"	3.363	72.71	0.35	5.175	1	70.18	17.55	1	16.95	17.25	-0.307	78.41	77.76	26.431	0.10612	0
"2014-12-31	20:00:00"	3.339	72.71	0.384	5.771	1	69.04	26.58	1	17.04	17.37	-0.325	79.41	78.76	26.429	0	0
"2014-12-31	21:00:00"	4.462	72.71	0.394	6.964	1	75.84	12.2	1	17.24	17.56	-0.32	79.72	79.2	26.419	0	0
"2014-12-31	22:00:00"	2.608	72.71	0.397	4.578	1	58.47	21.78	1	17.45	17.71	-0.255	79.8	79.25	26.425	0	0
"2014-12-31	23:00:00"	3.313	72.71	0.402	5.175	1	76.1	20.72	1	17.66	17.94	-0.282	80.1	79.62	26.412	0.0001	0
"2015-01-01	00:00:00"	3.212	72.7	0.478	6.368	1	82.1	24.61	1	17.85	18.08	-0.23	80.2	79.85	26.393	0.00019	0
"2015-01-01	01:00:00"	2.01	72.7	0.3	4.578	1	82.7	51.91	1	18.09	18.3	-0.208	80.2	79.8	26.373	0.00019	0
"2015-01-01	02:00:00"	1.281	72.7	0.342	3.982	1	77.42	27.81	1	18.32	18.51	-0.185	80.1	79.72	26.35	0.00096	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-01-01	03:00:00"	1	72.7	0.36	1	1	49.36	26.3	1	18.6	18.82	-0.216	80.1	79.7	26.331	0	0
"2015-01-01	04:00:00"	1	72.64	0.433	1	1	23.99	22.77	1	18.87	19.17	-0.301	80.2	79.74	26.324	0.00125	0
"2015-01-01	05:00:00"	1	72.59	0.434	1	1	32	14.01	1	19.12	19.44	-0.319	80.3	79.81	26.306	0.00192	0
"2015-01-01	06:00:00"	1	72.66	0.2	1	1	62.64	16.1	1	19.46	19.71	-0.242	80.4	79.94	26.28	0.00019	0
"2015-01-01	07:00:00"	1	72.68	0.482	1	1	75.66	23.73	1	19.75	19.98	-0.228	80.6	80.1	26.291	0.00019	0
"2015-01-01	08:00:00"	1	72.69	0.465	1	1	65.58	25.25	1	20.04	20.26	-0.215	80.8	80.3	26.292	0.17371	0
"2015-01-01	09:00:00"	1	72.69	0.434	1	1	113.7	56.81	1	20.38	20.57	-0.197	80.9	80.4	26.309	13.378	0
"2015-01-01	10:00:00"	1	72.68	0.408	1	1	313.6	36.72	1	20.79	20.98	-0.189	81.1	80.6	26.312	39.296	0
"2015-01-01	11:00:00"	1	72.68	0.416	1	1	302.3	44.4	1	21.38	21.66	-0.275	81.4	81	26.317	101.01	0
"2015-01-01	12:00:00"	1	72.67	0.232	1	1	317.5	34.11	1	21.96	22.35	-0.398	81.8	81.5	26.306	110.94	0
"2015-01-01	13:00:00"	1	72.66	0.196	1	1	13.74	56.09	1	22.46	22.89	-0.429	82.1	81.7	26.271	139.92	0
"2015-01-01	14:00:00"	1	72.66	0.37	1	1	46.95	39.4	1	23.17	23.61	-0.433	82.5	82.2	26.233	135.64	0
"2015-01-01	15:00:00"	1	72.66	0.371	1	1	320.1	52.13	1	23.61	23.94	-0.326	82.8	82.4	26.216	100.76	0
"2015-01-01	16:00:00"	1	72.66	0.37	1	1	4.254	33.07	1	23.95	24.33	-0.378	83	82.7	26.207	70.908	0
"2015-01-01	17:00:00"	1	72.65	0.368	1	1	352.3	18.24	1	24.14	24.52	-0.375	83.2	82.9	26.215	42.663	0
"2015-01-01	18:00:00"	1	72.67	0.355	1	1	51.71	65.8	1	24.08	24.28	-0.199	83.2	82.8	26.225	9.5662	0
"2015-01-01	19:00:00"	1	72.66	0.398	1	1	61.85	41.58	1	23.96	24.14	-0.182	83.2	82.8	26.228	0.44747	0
"2015-01-01	20:00:00"	1	72.67	0.374	1	1	15.03	40.7	1	23.97	24.12	-0.153	83.3	82.8	26.239	0.15505	0
"2015-01-01	21:00:00"	1	72.59	0.358	1	1	332.9	17.39	1	24.12	24.3	-0.187	83.4	83	26.246	0.08631	0
"2015-01-01	22:00:00"	1	72.57	0.281	1	1	320.7	15.4	1	24.18	24.35	-0.171	83.5	83	26.242	0.12529	0
"2015-01-01	23:00:00"	1	72.57	0.363	1	1	314.8	19.66	1	24.27	24.41	-0.137	83.6	83.2	26.24	0.14814	0
"2015-01-02	00:00:00"	1	72.59	0.306	1	1	338.2	51.58	1	24.43	24.58	-0.15	83.7	83.3	26.242	0.15946	0
"2015-01-02	01:00:00"	1	72.59	0.272	1	1	31.21	39.85	1	24.58	24.7	-0.126	83.8	83.4	26.239	0.11012	0
"2015-01-02	02:00:00"	1	72.59	0.289	1	1	23.07	18.96	1	24.65	24.81	-0.156	83.9	83.5	26.232	0.10532	0
"2015-01-02	03:00:00"	1	72.58	0.452	1	1	85.8	38.64	1	24.8	24.91	-0.103	84	83.6	26.245	0.19191	0
"2015-01-02	04:00:00"	1	72.58	0.474	1	1	26.57	18.15	1	25.01	25.13	-0.127	84.1	83.8	26.226	0.15668	0
"2015-01-02	05:00:00"	1	72.54	0.306	1	1	23.62	18.71	1	25.29	25.4	-0.116	84.2	83.9	26.223	0.13613	0
"2015-01-02	06:00:00"	1	72.58	0.315	1	1	33.97	22.02	1	25.38	25.49	-0.108	84.2	83.9	26.236	0.21947	0
"2015-01-02	07:00:00"	1	72.51	0.153	1	1	30.85	14.2	1	25.32	25.47	-0.151	84.2	83.8	26.233	0.19672	0
"2015-01-02	08:00:00"	1	72.48	0.265	1	1	41.62	17.65	1	25.38	25.53	-0.142	84.2	83.8	26.235	0.34582	0
"2015-01-02	09:00:00"	1	72.5	0.219	1	1	57.75	12.99	1	25.38	25.52	-0.137	84.1	83.7	26.259	8.6222	0
"2015-01-02	10:00:00"	1	72.5	0.423	1	1	64.48	31.44	1	25.85	26.11	-0.264	84.4	84.1	26.271	20.894	0.03
"2015-01-02	11:00:00"	1	72.26	0.402	1	1	19.1	16.34	1	26.35	26.65	-0.3	84.7	84.4	26.258	49.564	0
"2015-01-02	12:00:00"	1	72.2	0.371	1	1	25.53	16.09	1	26.85	27.48	-0.624	85	85	26.236	48.013	0.08
"2015-01-02	13:00:00"	1	72.17	0.344	1	1	33.94	17.47	1	27.34	27.86	-0.526	85.4	85.2	26.199	55.792	0.01
"2015-01-02	14:00:00"	1	72.17	0.344	1	1	51.65	16.21	1	27.74	28.19	-0.454	85.6	85.4	26.171	66.72	0
"2015-01-02	15:00:00"	1	61.55	20.69	1	1	53.26	27.8	1	28.24	28.68	-0.438	85.9	85.1	26.133	58.149	0.01
"2015-01-02	16:00:00"	1	37.36	19.81	1	1	31.3	21.37	1	28.5	28.97	-0.471	85.7	83.6	26.122	45.194	0
"2015-01-02	17:00:00"	1	34.26	27.01	1	1	28.73	28.14	1	28.77	29.12	-0.349	85.1	83.5	26.114	14.616	0
"2015-01-02	18:00:00"	1	67.95	9.86	1	1	47.48	19.18	1	28.98	29.21	-0.234	84.1	83.3	26.122	3.5195	0
"2015-01-02	19:00:00"	1	72.36	0.374	1	1	54.45	12.8	1	29.03	29.25	-0.213	86.1	85.6	26.103	0.34243	0
"2015-01-02	20:00:00"	1	72.34	0.329	1	1	17.56	48.69	1	29.38	29.52	-0.144	86.2	85.7	26.102	0.34022	0
"2015-01-02	21:00:00"	1	72.27	0.451	1	1	285.4	14.86	1	29.7	29.84	-0.139	86.6	86.1	26.131	0.34531	0.01
"2015-01-02	22:00:00"	1	72.27	0.453	1	1	297.2	46.01	1	29.69	29.78	-0.089	86.4	85.9	26.13	0.34551	0.02
"2015-01-02	23:00:00"	1	72.27	0.453	1	1	289.2	11.49	1	29.3	28.95	0.346	86.3	85.7	26.113	0.34551	0.01

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2015-01-03	00:00:00"	1	72.27	0.453	1	1	232.1	56.5	1	28.09	27.54	0.543	86.2	85.5	26.099	0.34551	0.01	
"2015-01-03	01:00:00"	1	71.82	67.58	1	1	261.8	14.58	1	27.14	27.2	-0.051	85.7	85.2	26.092	0.34554	0	
"2015-01-03	02:00:00"	1	254.7	9.11	1	1	251.1	13.08	1	25.79	25.47	0.311	84.6	83.7	26.076	0.34557	0	
"2015-01-03	03:00:00"	1	250.9	15.08	1	1	247.1	19.18	1	23.2	23.23	-0.038	83.4	82.9	26.062	0.34543	0	
"2015-01-03	04:00:00"	1	256.6	9.66	1	1	253.1	13.18	1	24.66	24.74	-0.082	84	83.4	26.057	0.34562	0	
"2015-01-03	05:00:00"	1	248.7	15.96	1	1	245.3	19.35	1	23.95	24.01	-0.06	83.4	82.9	26.047	0.34562	0	
"2015-01-03	06:00:00"	1	224.3	14.92	1	1	216.2	17.14	1	22.64	22.7	-0.062	82.6	82.1	26.033	0.34524	0	
"2015-01-03	07:00:00"	1	222.4	13.84	1	1	213.7	15.73	1	23.71	23.73	-0.023	83.4	82.8	26.025	0.34533	0	
"2015-01-03	08:00:00"	1	214.3	12.54	1	1	206.3	14.94	1	24.35	24.32	0.025	83.5	82.9	26.027	0.99529	0	
"2015-01-03	09:00:00"	1	223.8	12.52	1	1	218.3	14.13	1	23.31	23.24	0.07	83	82.4	26.032	91.455	0	
"2015-01-03	10:00:00"	1	229.9	14.04	1	1	221.8	15.49	1	25.47	25.53	-0.052	84.4	83.9	26.045	226.42	0	
"2015-01-03	11:00:00"	1	249.4	11.54	1	1	244.9	13.89	1	30.15	30.33	-0.174	86.8	86.4	26.057	380.93	0	
"2015-01-03	12:00:00"	3.827	252.1	11.68	16.51	4.207	247.5	13.59	18.3	33.14	33.26	-0.111	87.1	86.3	26.053	508.85	0	
"2015-01-03	13:00:00"	17.76	267.4	10.47	28.43	14.12	265.9	12.34	23.07	38.99	39.04	-0.054	70.44	70.35	26.044	600.47	0	
"2015-01-03	14:00:00"	20.77	279.5	9.45	32.01	15.55	275	11.61	27.24	42.64	43.11	-0.462	57.41	57.46	26.041	584.9	0	
"2015-01-03	15:00:00"	23.32	283.1	8.85	33.8	17.01	278.7	11.39	29.03	45.03	45.7	-0.665	47.67	47.75	26.046	530.94	0	
"2015-01-03	16:00:00"	20.21	284.5	8.22	29.63	14.59	280.1	10.71	24.86	46.52	47.12	-0.607	43.57	43.67	26.068	409.81	0	
"2015-01-03	17:00:00"	15.62	287.3	10.85	24.26	10.83	282.5	12.83	18.3	47.09	47.39	-0.302	43.93	43.78	26.106	247.33	0	
"2015-01-03	18:00:00"	11.85	294.4	7.387	18.89	7.124	290.2	10.01	14.72	45.44	44.89	0.551	47.92	48.76	26.135	69.136	0	
"2015-01-03	19:00:00"	8.63	296.5	8.38	13.52	4.397	292.1	10.52	8.16	41.6	40.06	1.538	55.87	58.51	26.169	0.60812	0	
"2015-01-03	20:00:00"	6.283	272.9	12.46	11.74	3.95	273.2	14.35	7.561	40.58	38.42	2.169	58.28	62.27	26.195	0.00029	0	
"2015-01-03	21:00:00"	4.649	285.9	23.59	8.16	2.423	273.2	31.57	4.578	39.59	36.93	2.666	59.92	64.88	26.231	0.0143	0	
"2015-01-03	22:00:00"	9.27	319.9	4.883	11.74	4.26	319.7	8.06	6.368	41.58	34.76	6.817	53.61	68.43	26.257	0.02975	0	
"2015-01-03	23:00:00"	10.36	331	6.579	12.33	5.25	332.7	8.92	6.964	42.89	36.13	6.756	49.4	64.44	26.278	0.04703	0	
"2015-01-04	00:00:00"	9	314.2	8.53	11.74	3.429	310	8.57	6.368	42.6	34.56	8.04	49.46	65.82	26.301	0.00144	0	
"2015-01-04	01:00:00"	9.6	310.3	9.82	11.74	4.164	312.4	9.98	6.964	38.28	32.28	6.004	58.68	71.56	26.32	0.03167	0	
"2015-01-04	02:00:00"	11.34	2.505	19.38	25.45	7.335	355.2	23.67	21.87	32.84	30.62	2.226	69.36	74.4	26.365	0.08158	0	
"2015-01-04	03:00:00"	16.82	34.13	7.251	23.07	13.05	26.68	11.28	19.49	31.27	30.84	0.436	72.3	73.12	26.421	0.05557	0	
"2015-01-04	04:00:00"	15.5	34.7	6.906	22.47	12.07	27.37	10.83	18.89	29.36	29.07	0.285	77.89	78.12	26.452	0.04175	0	
"2015-01-04	05:00:00"	12.74	28.81	6.515	18.3	9.62	20.74	12.06	15.91	28.06	27.76	0.307	80.2	80.4	26.475	0.09725	0	
"2015-01-04	06:00:00"	15.72	38.7	10.04	22.47	12.41	31.48	12.69	20.09	27.05	26.8	0.242	75.48	76.06	26.497	0.13191	0	
"2015-01-04	07:00:00"	13.71	32.01	6.245	18.89	10.65	24.67	10.84	17.1	24.55	24.41	0.148	76.18	76.46	26.52	0.11319	0	
"2015-01-04	08:00:00"	14.57	28.02	5.939	20.68	11.11	19.7	12.6	17.1	23.38	23.23	0.151	71.6	72.42	26.539	1.3337	0	
"2015-01-04	09:00:00"	12.01	28.31	7.601	18.3	9.15	19.97	14.13	14.12	22.89	23.06	-0.168	68.22	68.63	26.588	86.849	0	
"2015-01-04	10:00:00"	11.73	39.29	9.63	15.91	9.48	32.53	13.05	14.12	24.28	25.07	-0.795	63.19	62.82	26.626	265.38	0	
"2015-01-04	11:00:00"	7.739	53.96	19.16	14.72	6.448	46.93	20.75	12.93	26.35	27.46	-1.113	59.82	58.55	26.652	424.8	0	
"2015-01-04	12:00:00"	3.117	277.8	80.2	6.368	2.72	266.4	77.97	5.771	28.62	29.5	-0.877	54.95	53.37	26.657	543.72	0	
"2015-01-04	13:00:00"	2.98	189.5	78.53	6.368	2.692	183.1	78.93	6.368	31.75	32.48	-0.738	52.51	51.55	26.63	604.79	0	
"2015-01-04	14:00:00"	5.299	229.3	31.86	11.74	4.512	223.4	38.33	9.95	34.05	35.15	-1.098	50.67	49.49	26.603	592.31	0	
"2015-01-04	15:00:00"	5.794	220.6	23.19	11.74	4.881	214.9	28.9	10.54	35.91	36.99	-1.074	50.8	49.49	26.584	533.14	0	
"2015-01-04	16:00:00"	7.354	194.2	20.77	12.33	5.927	185.1	24.13	10.54	37.63	38.67	-1.041	50.8	49.98	26.572	413.73	0	
"2015-01-04	17:00:00"	9.41	198.7	14.82	13.52	7.473	189.7	17.15	11.74	37.75	38.46	-0.712	54.33	53.63	26.58	250.94	0	
"2015-01-04	18:00:00"	8.8	185.9	7.394	12.33	6.748	175.2	10.67	9.95	37.02	36.96	0.059	57.63	58.14	26.573	71.508	0	
"2015-01-04	19:00:00"	5.453	186.6	11.04	9.35	3.776	171.5	23.08	6.964	35.21	34.39	0.821	62.84	64.26	26.573	0.66992	0	
"2015-01-04	20:00:00"	8.07	180.4	6.533	15.31	5.745	170.6	12.07	12.33	33.32	32.65	0.671	69.87	71.14	26.575	0.03215	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-04	21:00:00"	8.21	179.6	9.95	14.72	6.12	167.5	11.62	11.74	30.87	30.57	0.297	78.01	78.16	26.579	0.07649	0	
"2015-01-04	22:00:00"	7.331	173.7	8.85	12.33	5.396	163.5	9.76	9.35	29.91	29.6	0.315	80.8	80.8	26.588	0.10577	0	
"2015-01-04	23:00:00"	5.684	171.9	10.86	9.95	3.792	158.1	17.51	7.561	29.55	28.92	0.628	80.1	80.6	26.596	0.19643	0	
"2015-01-05	00:00:00"	5.609	191.5	7.261	8.75	3.983	181.5	8.72	6.368	28.81	28.42	0.387	82	81.9	26.6	0.26248	0	
"2015-01-05	01:00:00"	5.274	185.9	8.2	7.561	3.576	175.9	10.89	6.368	28.06	27.53	0.526	83.8	83.5	26.6	0.13517	0	
"2015-01-05	02:00:00"	6.586	174.6	7.9	8.75	4.618	163.6	10.31	7.561	28.25	27.79	0.454	84.2	83.9	26.602	0.15821	0	
"2015-01-05	03:00:00"	5.414	147.3	10.49	7.561	2.893	121.8	18.51	5.175	28.1	26.27	1.838	83.8	83.7	26.6	0.16676	0	
"2015-01-05	04:00:00"	7.272	144.7	7.743	9.95	4.251	134.2	9.67	6.368	27.57	26.38	1.193	81.7	82.2	26.594	0.09024	0	
"2015-01-05	05:00:00"	7.078	146.7	7.637	9.95	4.446	135.6	8.8	6.964	26.78	25.97	0.804	81.4	81.6	26.583	0.08861	0	
"2015-01-05	06:00:00"	4.665	134	33.43	8.75	2.904	104.1	69.8	6.368	25.96	24.61	1.352	80.8	80.9	26.572	0.13402	0	
"2015-01-05	07:00:00"	3.195	183.2	19.69	5.175	1.526	143.7	70.41	3.386	26.61	24.98	1.627	80.4	80.9	26.562	0.03197	0	
"2015-01-05	08:00:00"	6.051	213.8	13.42	9.95	3.92	205	18.54	6.964	26.39	25.58	0.81	81.2	81.3	26.559	1.2124	0	
"2015-01-05	09:00:00"	7.13	203.8	10.51	11.14	4.941	196.3	12.71	8.16	25.87	25.67	0.202	81.3	81.4	26.575	88.158	0	
"2015-01-05	10:00:00"	7.953	204.6	17.11	12.33	6.395	195.7	19.84	10.54	29.59	29.88	-0.288	80.6	80.5	26.597	263.48	0	
"2015-01-05	11:00:00"	8.18	222.9	11.62	12.33	6.833	215.9	14.55	11.74	33.37	33.89	-0.517	78.57	77.76	26.599	440.63	0	
"2015-01-05	12:00:00"	8.1	224	14.44	14.12	6.633	215.8	17.93	12.93	38.13	39	-0.877	69.66	67.98	26.583	554.33	0	
"2015-01-05	13:00:00"	9.85	221.6	15.95	17.7	8.04	213.2	19.44	12.93	43.59	44.56	-0.977	59.76	57.88	26.541	618.06	0	
"2015-01-05	14:00:00"	12.59	218.3	13.02	18.89	10.31	208.5	16.42	17.7	47.92	48.72	-0.807	51.94	50.13	26.498	613.12	0	
"2015-01-05	15:00:00"	13.52	217.5	12.94	21.87	10.96	208.6	15.92	17.7	50.93	51.64	-0.717	47.25	45.42	26.48	540.18	0	
"2015-01-05	16:00:00"	12.93	217.6	12.68	19.49	10.51	207.7	15.63	17.7	53.66	54.15	-0.486	43.29	41.56	26.479	430.33	0	
"2015-01-05	17:00:00"	11.58	217.1	12.67	21.87	9.36	207.1	15.6	18.3	55.14	55.27	-0.135	40.54	39.29	26.469	263.32	0	
"2015-01-05	18:00:00"	9.89	223.1	12.91	15.31	7.858	213.2	14.5	12.33	53.31	52.98	0.335	43.39	42.61	26.458	78.209	0	
"2015-01-05	19:00:00"	7.884	227.6	13.63	12.93	5.909	217	16.44	9.95	47.76	47.09	0.674	54.44	54.42	26.46	0.68043	0	
"2015-01-05	20:00:00"	9.8	229.2	13.59	15.91	7.466	219.3	16.69	12.33	44.61	43.97	0.64	60.92	61.06	26.458	0	0	
"2015-01-05	21:00:00"	9.94	216.7	11.62	17.1	7.62	204.9	14.31	12.33	41.45	40.9	0.546	66.06	66.19	26.453	0	0	
"2015-01-05	22:00:00"	10.13	218.3	13.02	15.91	7.861	208.6	15.59	13.52	41.32	40.87	0.445	66.56	66.49	26.456	0	0	
"2015-01-05	23:00:00"	9.04	252.1	13.79	15.31	6.662	248.4	16.12	12.33	39.41	38.76	0.651	70.93	71.27	26.463	0	0	
"2015-01-06	00:00:00"	7.999	269	9.23	11.14	5.56	266.8	11.54	8.16	40.73	39.59	1.145	69.77	71.15	26.465	0	0	
"2015-01-06	01:00:00"	7.182	258.8	9.23	9.35	4.641	257.5	11.55	8.16	40.35	38.69	1.655	69.83	71.84	26.447	0	0	
"2015-01-06	02:00:00"	8.62	259.8	16.31	11.74	5.774	256	18.58	9.35	40.91	39.26	1.642	66.73	69.3	26.439	0	0	
"2015-01-06	03:00:00"	7.344	235	13.34	11.14	5.287	225.6	17.34	9.95	38.87	38.1	0.769	69.23	69.8	26.448	0	0	
"2015-01-06	04:00:00"	6.523	252.3	9.39	9.95	4.26	247.8	13.92	6.964	36.17	34.95	1.221	73.19	74.91	26.451	0.00125	0	
"2015-01-06	05:00:00"	9.12	282.1	11.82	12.33	5.288	279.3	15.21	10.54	39.97	37.48	2.491	58.87	63.62	26.443	0.00211	0	
"2015-01-06	06:00:00"	7.357	294.2	7.64	9.95	3.499	292.7	12.6	6.368	40.89	36.12	4.769	53.75	63.84	26.44	0.00614	0	
"2015-01-06	07:00:00"	6.314	258.2	23.6	8.75	3.876	246	30.04	6.368	38	35.4	2.605	58.58	63.87	26.454	0.01075	0	
"2015-01-06	08:00:00"	6.252	288.7	18.69	8.75	3.081	301.8	24.5	5.175	37.91	31.88	6.028	58.48	71.07	26.473	0.82758	0	
"2015-01-06	09:00:00"	4.937	253.9	33.83	9.35	2.652	237.3	47.82	5.175	37.51	34.41	3.104	57.13	65.93	26.505	66.507	0	
"2015-01-06	10:00:00"	6.21	333.2	39.4	13.52	4.489	319.8	46.04	11.74	41.03	41.36	-0.331	55.07	55.15	26.547	267.31	0	
"2015-01-06	11:00:00"	12.1	34	11.66	17.1	9.69	26.71	17.31	15.31	44	44.71	-0.703	52.47	51.62	26.557	431.23	0	
"2015-01-06	12:00:00"	11.77	44.88	10.56	15.31	9.79	37.89	13.67	14.12	46.56	47.7	-1.144	50.7	49.52	26.541	550.43	0	
"2015-01-06	13:00:00"	11.22	44.85	12.31	15.91	9.5	38.2	14.96	15.91	48.54	49.9	-1.359	48.92	47.26	26.523	611	0	
"2015-01-06	14:00:00"	9.24	35.92	17.81	14.72	7.713	28.26	24.24	12.93	50.16	51.74	-1.574	47.52	45.24	26.503	607.45	0	
"2015-01-06	15:00:00"	9.49	21.65	14.86	14.12	7.723	13.34	26.04	14.12	52.05	53.69	-1.645	45.02	42.34	26.478	534.66	0	
"2015-01-06	16:00:00"	6.506	24.07	28.13	12.93	5.411	17.87	36.19	11.74	53.18	54.45	-1.266	43.44	40.95	26.474	422.29	0	
"2015-01-06	17:00:00"	4.328	28.91	24.3	8.16	3.511	22.2	30.84	6.964	53.95	54.73	-0.772	42.5	40.53	26.483	257.81	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-06	18:00:00"	5.32	35.98	13.75	9.35	3.827	28.04	16.11	7.561	52.96	52.16	0.803	44.93	46.13	26.485	75.825	0
"2015-01-06	19:00:00"	5.192	70.72	3.756	6.368	2.884	55.49	7.013	3.982	50.41	47.06	3.354	50.07	54.96	26.481	0.53415	0
"2015-01-06	20:00:00"	6.789	95.1	12.35	8.75	3.859	70.3	10	5.175	48.1	43.36	4.748	54.49	62.19	26.489	0	0
"2015-01-06	21:00:00"	7.694	94.7	5.126	8.75	4.425	63.2	7.341	5.771	45.72	40.07	5.657	60.01	68.91	26.49	0	0
"2015-01-06	22:00:00"	7.62	79.38	11.61	8.75	4.333	52.72	13.75	5.771	43.57	38.71	4.855	64.79	72.51	26.498	0	0
"2015-01-06	23:00:00"	7.857	70.01	6.578	9.95	4.417	49.39	7.214	5.771	40.91	37.46	3.45	72.08	77.12	26.499	0.00048	0
"2015-01-07	00:00:00"	7.467	72.04	5.888	9.35	4.33	52.57	7.579	5.771	39.31	36.62	2.692	76.35	79.55	26.505	0.00077	0
"2015-01-07	01:00:00"	6.129	71.72	6.875	7.561	3.988	41.82	10.23	5.175	39.05	35.8	3.248	78.42	81.1	26.509	0.00048	0
"2015-01-07	02:00:00"	7.162	75.51	9.13	8.75	4.227	47.42	10.53	5.175	38.76	35.28	3.472	79.36	82.5	26.501	0.00345	0
"2015-01-07	03:00:00"	9.22	35.96	12.16	11.74	6.223	25.54	10.94	9.35	34.71	32.74	1.967	81.9	83.9	26.517	0.01776	0
"2015-01-07	04:00:00"	9.6	24.99	3.482	11.74	6.227	17.12	10.96	8.75	32.98	31.74	1.239	84	84.7	26.522	0.1478	0
"2015-01-07	05:00:00"	9.24	30.83	5.334	12.33	6.244	25.62	9.52	9.35	32.87	31.64	1.228	83.2	84.1	26.528	0.34512	0
"2015-01-07	06:00:00"	10.22	30.45	5.155	13.52	7.243	24.23	10.09	10.54	31.1	30.53	0.566	83.7	84	26.54	0.23859	0
"2015-01-07	07:00:00"	10.99	31.79	4.831	13.52	7.684	25	9.89	11.14	31.83	31.12	0.707	82.8	83.4	26.562	0.05816	0
"2015-01-07	08:00:00"	11.16	31.76	6.772	14.72	7.705	24.23	11.92	11.74	31.62	30.83	0.79	81.9	82.8	26.597	1.0658	0
"2015-01-07	09:00:00"	11.69	44.25	7.288	17.7	9.15	37.03	9.35	14.12	33.35	33.03	0.315	81	81.7	26.655	79.251	0
"2015-01-07	10:00:00"	17.48	67.84	8.76	28.43	13.34	61.67	11.44	25.45	35.02	35.19	-0.172	79.22	79.18	26.726	242.33	0
"2015-01-07	11:00:00"	23.22	64.82	8.84	32.01	18.08	58.11	10.89	29.03	32.87	33.37	-0.509	70.22	69.8	26.783	271.31	0
"2015-01-07	12:00:00"	24.43	56.64	10.83	36.78	19.61	49.61	12.25	30.82	30.35	31.56	-1.204	59.75	58.33	26.817	495.35	0
"2015-01-07	13:00:00"	24.76	49.34	11	35	20.15	42.2	12.7	31.42	29.35	30.74	-1.393	59.18	57.09	26.825	472.53	0
"2015-01-07	14:00:00"	22.73	54.43	11.2	31.42	18.38	47.36	12.79	27.24	26.01	27.04	-1.033	63.77	61.82	26.836	235.42	0
"2015-01-07	15:00:00"	21.89	48.71	9.37	33.21	17.75	41.98	11.11	29.03	25.16	25.94	-0.783	66.66	65.03	26.84	127.77	0
"2015-01-07	16:00:00"	21.68	46.38	8.85	31.42	17.57	39.77	10.47	29.03	24.73	25.4	-0.67	68.67	67.19	26.847	106.18	0
"2015-01-07	17:00:00"	19.06	50.28	11.43	30.22	15.44	43.64	12.97	25.45	25.44	26.02	-0.578	62.61	61.38	26.855	99.362	0
"2015-01-07	18:00:00"	17.73	46.57	8.82	25.45	14.51	39.88	10.54	21.87	24.98	25.33	-0.343	56.23	55.51	26.857	26.648	0
"2015-01-07	19:00:00"	14.45	51.83	9.87	20.68	11.71	44.4	11.28	18.3	24.35	24.63	-0.28	51.1	50.64	26.862	0.31076	0
"2015-01-07	20:00:00"	10.59	63.68	9.55	15.91	8.41	56.25	11.79	13.52	24.37	24.65	-0.285	49.53	49.09	26.864	0.12356	0
"2015-01-07	21:00:00"	9.15	63	10.13	13.52	7.186	56.03	11.87	11.74	24.09	24.4	-0.307	51.07	50.69	26.857	0.03245	0
"2015-01-07	22:00:00"	7.066	68.86	16.98	10.54	5.605	61.85	17.28	9.35	23.92	24.22	-0.3	51.35	50.98	26.853	0.03552	0
"2015-01-07	23:00:00"	6.264	92.3	9.54	9.35	4.948	83.5	10.81	8.16	23.53	23.82	-0.294	48.66	48.21	26.835	0.07604	0
"2015-01-08	00:00:00"	4.288	84.7	19.58	6.964	3.467	76.65	21.94	6.368	23.21	23.49	-0.28	46.59	46.16	26.808	0.02554	0
"2015-01-08	01:00:00"	2.571	61.73	23.15	5.175	2.039	53.63	27.8	4.578	23.05	23.19	-0.144	45.88	45.24	26.77	0.03591	0
"2015-01-08	02:00:00"	1.542	210.6	78.82	3.982	1.331	221.2	53.7	3.386	22.94	23.03	-0.089	47.08	46.53	26.731	0.02122	0
"2015-01-08	03:00:00"	3.845	188.5	12.31	5.771	3.053	180.4	17.64	5.175	22.99	23.2	-0.208	48.9	48.16	26.702	0.05885	0
"2015-01-08	04:00:00"	5.271	187.4	8.03	6.964	4.127	177.1	10.57	6.368	22.68	22.79	-0.102	50.23	50.19	26.666	0.03927	0
"2015-01-08	05:00:00"	6.523	196	7.907	8.75	4.977	189.6	12.24	8.16	21.34	21.41	-0.07	55.93	55.93	26.626	0.00893	0
"2015-01-08	06:00:00"	7.641	208.1	8.34	11.74	6.006	198.8	9.18	9.35	20.39	20.45	-0.061	60.58	60.1	26.587	0.00144	0
"2015-01-08	07:00:00"	8.72	215.8	12.46	14.12	6.91	205.7	14.81	12.33	19.97	20.09	-0.116	61.06	60.22	26.555	0.00029	0
"2015-01-08	08:00:00"	9.17	215	12.16	13.52	7.34	203.4	14.11	11.14	20.06	20.24	-0.178	59.3	58.3	26.532	0.99255	0
"2015-01-08	09:00:00"	10.26	220.1	12.14	16.51	8.25	210.8	16.09	15.31	20.65	20.88	-0.231	56.69	55.44	26.507	42.609	0
"2015-01-08	10:00:00"	11.4	216.3	12.73	16.51	9.25	206.7	15.53	15.31	21.85	22.28	-0.431	57.97	56.36	26.489	134.21	0
"2015-01-08	11:00:00"	11.4	218.8	13.67	18.89	9.24	210	16.93	16.51	24.9	25.74	-0.836	53.97	51.68	26.468	346.4	0
"2015-01-08	12:00:00"	12.72	220.8	13.98	18.89	10.27	211.5	15.99	16.51	27.45	28.31	-0.855	51.62	49.15	26.426	376.6	0
"2015-01-08	13:00:00"	13.4	227.6	13.57	21.28	11.02	219.1	15.79	19.49	31.01	31.89	-0.885	48.81	46.22	26.373	480.66	0
"2015-01-08	14:00:00"	14.39	228.8	13.4	23.07	11.73	219.7	16.73	20.68	35.63	36.5	-0.866	46.46	43.81	26.328	467.34	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-08	15:00:00"	13	225.5	15.54	22.47	10.57	217.7	18.95	20.09	39.14	40.13	-0.993	45.04	42.24	26.293	494.87	0
"2015-01-08	16:00:00"	14.79	222.4	13.56	22.47	12.09	212.6	15.89	20.09	41.07	41.86	-0.8	46.69	44.06	26.269	356.93	0
"2015-01-08	17:00:00"	11.9	219.9	13.27	20.09	9.77	209.7	16.29	18.3	40.59	40.91	-0.32	48.46	46.55	26.259	135.06	0
"2015-01-08	18:00:00"	10.4	218.6	12.39	17.1	8.39	207.6	15.21	14.72	40.73	40.74	-0.009	49.68	48.25	26.247	38.623	0
"2015-01-08	19:00:00"	7.718	203.1	14.28	13.52	5.899	193.7	16.36	11.14	40.81	40.42	0.383	54.83	54.26	26.252	0.39604	0
"2015-01-08	20:00:00"	5.96	187	13.32	9.95	4.278	176.4	18.87	7.561	37.48	36.87	0.609	60.81	61.15	26.26	0.00019	0
"2015-01-08	21:00:00"	4.996	175.8	36.03	12.33	3.643	160.3	57.02	8.75	35.48	34.48	0.998	63.45	64.97	26.261	0.01027	0
"2015-01-08	22:00:00"	6.984	212.8	12.27	10.54	5.468	203.7	13.16	8.75	34.8	34.72	0.082	63.46	62.92	26.259	0.00221	0
"2015-01-08	23:00:00"	5.496	21.63	57.94	11.74	4.209	17.71	58.48	8.75	35.41	35.15	0.254	62.48	63.08	26.283	0.00067	0
"2015-01-09	00:00:00"	4.548	23.5	6.778	8.75	3.174	13.68	20.2	7.561	35.49	35.28	0.206	66.35	66.59	26.299	0.00019	0
"2015-01-09	01:00:00"	3.501	51.62	17.32	4.578	2.441	52.42	26.67	3.982	36.05	35.6	0.45	66.33	68.85	26.313	0.00019	0
"2015-01-09	02:00:00"	4.32	34.74	13.29	9.95	2.751	32.91	24.59	7.561	36.56	35.91	0.651	68.37	73.46	26.326	0.00067	0
"2015-01-09	03:00:00"	11.04	24.52	5.536	18.89	8.14	14.62	18.25	15.91	35.84	35.57	0.266	75.19	77.08	26.347	0.18316	0.03
"2015-01-09	04:00:00"	18.62	45.37	14.29	33.8	14.68	37.95	16.97	27.84	36.12	35.79	0.334	74.24	76.04	26.372	0.15822	0.01
"2015-01-09	05:00:00"	21.62	61.47	7.905	30.82	17.02	54.08	9.49	29.03	35.49	35.15	0.342	69.11	70.84	26.406	0.0048	0
"2015-01-09	06:00:00"	21.58	58.02	8.56	32.01	17.19	50.94	9.76	28.43	33.92	33.67	0.249	66.43	67.9	26.444	0.00595	0
"2015-01-09	07:00:00"	21.1	60.08	7.979	30.22	16.86	53.1	9.39	27.84	32.25	32.15	0.106	66.2	67.17	26.483	0.02034	0
"2015-01-09	08:00:00"	18.08	64.1	7.607	29.03	14.08	57.73	10.1	24.26	31.25	31.24	0.015	66.71	67.24	26.524	0.52019	0
"2015-01-09	09:00:00"	20.31	68.93	8.31	30.22	15.37	63.25	11.11	24.86	29.76	29.86	-0.096	68.5	68.49	26.559	28.989	0
"2015-01-09	10:00:00"	20.77	71.28	8.99	32.01	15.77	65.92	11.41	26.05	28.93	29.22	-0.283	69.53	69.12	26.593	101.53	0
"2015-01-09	11:00:00"	19.01	73.22	8.69	26.65	14.58	67.15	11.34	23.07	28.53	28.86	-0.325	68.92	68.35	26.617	94.179	0
"2015-01-09	12:00:00"	16.26	71.94	8.91	23.07	12.43	66.5	11.48	18.89	29.04	29.52	-0.482	68.53	67.78	26.622	155.96	0
"2015-01-09	13:00:00"	13.35	73.54	10.93	19.49	10.49	66.81	12.81	16.51	29.44	30.06	-0.621	66.29	65.59	26.605	177.03	0
"2015-01-09	14:00:00"	10.72	78.47	12.14	15.91	8.52	72.06	14	14.12	30.12	30.78	-0.664	66.04	65.25	26.578	166.88	0
"2015-01-09	15:00:00"	9.17	78.85	15.48	14.72	7.326	72.29	16.56	12.33	30.84	31.63	-0.794	64.62	63.83	26.566	195.73	0
"2015-01-09	16:00:00"	9.38	59.92	11.85	15.31	7.787	52.62	13.62	12.93	31.62	32.39	-0.763	61.53	60.88	26.56	168.1	0
"2015-01-09	17:00:00"	8.08	72.98	19.49	12.93	6.535	66.55	20.73	11.74	32.02	32.53	-0.515	59.38	59.03	26.559	101.11	0
"2015-01-09	18:00:00"	8.38	100.6	11.34	12.93	6.517	92.2	12.28	10.54	31.46	31.53	-0.064	58.04	58.29	26.551	44.332	0
"2015-01-09	19:00:00"	5.728	90.9	10.89	8.16	3.256	77.36	15.83	5.771	29.6	28.63	0.966	61.73	65.49	26.549	0.91099	0
"2015-01-09	20:00:00"	5.951	98.9	8.75	7.561	2.967	90.5	12.04	4.578	27.58	26.34	1.239	65.56	70.89	26.55	0.08937	0
"2015-01-09	21:00:00"	6.293	104.4	12.05	8.75	4.076	93	17.28	6.964	26.54	26.13	0.411	69.28	72.03	26.56	0.05011	0
"2015-01-09	22:00:00"	6.073	115.4	7.777	9.95	4.285	103.7	11.02	6.964	25.79	25.73	0.056	69.09	70.29	26.556	0.02583	0
"2015-01-09	23:00:00"	6.313	134	10.12	9.35	4.871	125.2	12.07	8.16	25.91	26.06	-0.148	67.6	68.02	26.547	0.04243	0
"2015-01-10	00:00:00"	7.766	138.2	7.75	11.14	5.751	130.4	8.96	8.75	24.93	24.96	-0.026	67.32	67.88	26.519	0.10992	0
"2015-01-10	01:00:00"	4.4	124.3	19.94	8.75	3.002	105.1	29.77	7.561	23.38	23.23	0.15	71.55	72.04	26.505	0.03207	0
"2015-01-10	02:00:00"	3.93	138	14.06	6.368	2.449	122.9	14.9	3.982	23.16	22.73	0.429	70.26	72.26	26.494	0.00086	0
"2015-01-10	03:00:00"	3.646	123	8.07	5.175	1.805	101.7	13.99	2.789	22.36	21.86	0.5	70.41	73.06	26.489	0.0001	0
"2015-01-10	04:00:00"	3.53	140.7	15.8	5.771	2.637	130.4	17.41	4.578	23.71	23.86	-0.155	66.9	67.62	26.469	0.00038	0
"2015-01-10	05:00:00"	2.547	154.5	13.08	3.982	1.861	136	14.54	2.789	23.96	23.79	0.166	68.62	69.37	26.446	0.00374	0
"2015-01-10	06:00:00"	2.931	121.8	16.28	5.771	1.831	73.31	34.02	3.386	23.73	22.91	0.825	69.5	73.41	26.425	0.00403	0
"2015-01-10	07:00:00"	4.841	151.3	9.22	6.964	3.386	139.4	10.62	5.771	24.33	24.13	0.203	63.39	66.48	26.42	0.00624	0
"2015-01-10	08:00:00"	6.772	176.9	9.5	9.95	5.284	167.8	11.65	9.35	25.62	25.8	-0.177	57.93	58.39	26.43	0.3316	0
"2015-01-10	09:00:00"	8.45	183.1	7.201	11.14	6.516	172.8	10.26	9.35	25.95	26.2	-0.252	50.26	50.69	26.43	15.957	0
"2015-01-10	10:00:00"	9.61	180.6	8.14	13.52	7.429	169.9	10.69	10.54	26.28	26.63	-0.344	49.34	49.28	26.431	88.572	0
"2015-01-10	11:00:00"	10.29	184.3	9.21	14.72	8.13	174.4	12.43	12.33	27.57	28.39	-0.817	45.5	44.67	26.431	245.66	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-10	12:00:00"	11.4	190.4	10.39	15.91	8.94	180.8	14.24	12.93	29.06	30.06	-1.006	47.79	46.25	26.407	281.22	0	
"2015-01-10	13:00:00"	12.29	202.9	14.03	17.7	9.67	195.2	16.39	14.72	29.8	30.64	-0.846	60.71	58.67	26.373	236.47	0	
"2015-01-10	14:00:00"	12.87	199.3	12.44	18.89	10.23	190.6	15.3	15.91	30.62	31.59	-0.97	68.34	66	26.335	326.89	0	
"2015-01-10	15:00:00"	13.24	186.7	9.38	18.89	10.41	177	13.2	16.51	32.19	33.51	-1.321	68.23	65.22	26.301	407.1	0	
"2015-01-10	16:00:00"	12.67	193.2	9.9	18.3	10.05	184.9	13.91	15.31	33.78	34.49	-0.712	66.21	64.21	26.279	200.8	0	
"2015-01-10	17:00:00"	12.84	183.5	7.853	17.7	10.06	172.5	11.23	15.31	33.49	33.97	-0.476	69.56	68	26.267	147.55	0	
"2015-01-10	18:00:00"	12.19	193.5	9.23	17.7	9.38	185.5	13.05	15.31	34.38	34.39	-0.014	71.33	70.49	26.267	52.995	0	
"2015-01-10	19:00:00"	8.7	186.6	9.23	13.52	6.541	175.9	12.55	10.54	32.9	32.67	0.229	74.14	73.9	26.268	1.6687	0	
"2015-01-10	20:00:00"	6.688	190.8	12.04	10.54	4.892	181	15.96	8.16	31.65	31.36	0.285	76.67	76.65	26.266	0.03839	0	
"2015-01-10	21:00:00"	7.88	197.1	9.76	11.74	5.804	189.4	11.15	9.95	31.24	30.92	0.327	78.67	78.57	26.269	0.04252	0	
"2015-01-10	22:00:00"	8.04	197	8.32	12.93	5.911	192.3	12.09	11.14	29.92	29.68	0.241	81.8	81.5	26.264	0.05259	0	
"2015-01-10	23:00:00"	7.695	202.8	7.287	11.14	5.616	198.8	9.46	8.16	29.01	28.76	0.243	84.2	83.7	26.257	0.13609	0	
"2015-01-11	00:00:00"	6.685	217.5	11.8	9.95	5.219	205.2	13.65	8.75	28.68	28.52	0.155	85.4	84.7	26.243	0.14723	0	
"2015-01-11	01:00:00"	7.25	231.4	11.96	10.54	6.004	221.6	12.97	9.35	28.2	28.14	0.056	86.1	85.5	26.228	0.08521	0	
"2015-01-11	02:00:00"	8.02	223.7	11.36	11.74	6.351	216.8	13.58	10.54	28.08	28.13	-0.048	86.4	85.6	26.215	0.11911	0	
"2015-01-11	03:00:00"	8.33	232.3	12.83	12.93	6.871	224.8	14.72	11.74	28.12	28.17	-0.047	86.4	85.6	26.211	0.15874	0	
"2015-01-11	04:00:00"	8.14	229	13.21	13.52	6.768	219.8	15.46	11.74	28.63	28.67	-0.037	86.5	85.8	26.208	0.13081	0	
"2015-01-11	05:00:00"	7.725	233.8	11.74	11.74	6.513	223.9	14.19	10.54	28.52	28.56	-0.041	86.4	85.8	26.202	0.15241	0	
"2015-01-11	06:00:00"	6.892	241.1	10.62	11.14	5.804	235.2	13.9	9.35	27.92	27.98	-0.059	86.1	85.4	26.199	0.04943	0	
"2015-01-11	07:00:00"	6.47	248.8	14.75	9.35	5.114	244.1	18.04	8.75	26.7	26.71	-0.008	85.4	84.6	26.199	0.15443	0	
"2015-01-11	08:00:00"	7.758	258.6	6.387	9.35	5.467	255.1	10.74	8.16	27.2	26.77	0.426	85.5	84.7	26.204	1.1967	0	
"2015-01-11	09:00:00"	8.34	252.9	9.2	11.14	5.961	248.7	12.47	10.54	29.96	29.42	0.541	86.6	86.1	26.214	75.761	0	
"2015-01-11	10:00:00"	8.78	240.3	10.72	13.52	7.295	236.7	12.85	11.74	33.75	33.92	-0.174	88	87.8	26.243	262.63	0	
"2015-01-11	11:00:00"	9.13	253.7	9.15	14.72	7.317	246.7	11.43	12.93	40.73	40.98	-0.249	82.2	81	26.26	417.6	0	
"2015-01-11	12:00:00"	8.99	253.1	17.78	14.12	7.305	246.5	20.5	13.52	49.48	50.38	-0.906	64.22	62.01	26.251	536.15	0	
"2015-01-11	13:00:00"	11.97	276.7	12.92	17.1	9.15	271.9	14.77	14.72	56.27	57.7	-1.425	47.22	44.25	26.225	601.19	0	
"2015-01-11	14:00:00"	12.81	272.3	14.77	18.89	9.76	268.2	17.27	15.91	59.02	60.48	-1.468	41.69	38.84	26.198	603.77	0	
"2015-01-11	15:00:00"	12.66	262.7	15.35	20.68	9.86	257.5	17.99	17.7	60.7	61.94	-1.244	38.21	35.89	26.181	528.08	0	
"2015-01-11	16:00:00"	15.6	266.8	11.61	22.47	12.01	263.3	14.5	18.3	61.14	62.04	-0.908	37.87	35.77	26.182	421.45	0	
"2015-01-11	17:00:00"	13.93	275.2	11.17	22.47	10.61	271.9	12.7	19.49	61.6	62.09	-0.491	37.28	35.55	26.189	262.94	0	
"2015-01-11	18:00:00"	11.98	281.9	8.82	19.49	8.49	277.9	11.58	17.1	60.79	60.09	0.696	36.93	36.46	26.203	70.43	0	
"2015-01-11	19:00:00"	7.575	296.1	7.172	12.33	3.255	305.7	11.06	7.561	57.57	52.9	4.669	41.17	46.67	26.217	0.97007	0	
"2015-01-11	20:00:00"	10.13	302.4	9.85	14.72	4.233	302.8	11.3	9.35	53.57	49.01	4.56	47.88	54.82	26.241	0	0	
"2015-01-11	21:00:00"	11.38	323.4	7.529	16.51	6.494	317.1	9.67	12.33	50.97	49.09	1.875	54.16	56.7	26.262	0	0	
"2015-01-11	22:00:00"	11.2	326.4	5.62	14.72	6.467	320.8	8.61	9.95	50.44	48.33	2.103	55.12	58.07	26.274	0	0	
"2015-01-11	23:00:00"	10.11	322.6	6.401	11.74	5.035	316.5	9.3	7.561	47.78	45.15	2.633	56.53	60.99	26.277	0	0	
"2015-01-12	00:00:00"	10.06	321.7	5.185	11.74	4.687	316.5	8.17	7.561	45.45	42.06	3.393	58.24	64.5	26.272	0	0	
"2015-01-12	01:00:00"	9.12	306.3	16.04	12.33	4.07	301.1	20.72	6.964	43.92	40.85	3.076	61.16	66.32	26.274	0	0	
"2015-01-12	02:00:00"	11	312.7	5.603	12.93	5.389	315.2	9.27	8.16	42.97	39.37	3.591	66.39	72.71	26.276	0.0001	0	
"2015-01-12	03:00:00"	10.31	316.3	5.513	12.93	5.111	311.9	9.2	8.16	42.39	40.54	1.852	68.22	71.54	26.292	0	0	
"2015-01-12	04:00:00"	10.52	320.3	7.669	15.31	5.777	314.2	9.81	10.54	41.83	40.4	1.431	69.35	71.75	26.306	0	0	
"2015-01-12	05:00:00"	11.47	352.3	16.89	16.51	7.626	343	19.15	13.52	42.7	41.22	1.475	64.14	66.82	26.318	0.0001	0	
"2015-01-12	06:00:00"	16.97	26.75	10.25	25.45	13.12	18.87	16.72	23.66	38.94	38.41	0.525	71.23	71.56	26.339	0	0	
"2015-01-12	07:00:00"	21.21	44.93	8	29.03	17.26	38.04	10.34	26.05	34.79	34.84	-0.049	83.9	83.2	26.365	0.04874	0	
"2015-01-12	08:00:00"	22.59	49.81	7.007	31.42	18.39	42.76	8.64	27.84	34.16	34.23	-0.07	86.5	85.6	26.391	0.49995	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-12	09:00:00"	20.34	52.41	8.37	28.43	16.55	45.4	9.48	24.86	34.43	34.52	-0.091	81.6	81	26.413	22.348	0
"2015-01-12	10:00:00"	16.51	53.78	9.5	24.26	13.39	46.12	10.73	21.28	34.14	34.35	-0.213	78.01	77.21	26.462	50.537	0
"2015-01-12	11:00:00"	15.88	50.33	10.57	21.87	12.85	43.34	11.99	19.49	32.97	33.35	-0.378	78.82	77.65	26.503	76.291	0
"2015-01-12	12:00:00"	16.04	48.48	8.88	21.28	13.11	41.16	10.44	20.09	31.56	32.07	-0.505	81.4	79.82	26.514	89.328	0
"2015-01-12	13:00:00"	14.25	55.07	9.69	20.09	11.54	48.58	10.93	17.1	30.58	31.11	-0.536	83.9	82.3	26.504	76.696	0
"2015-01-12	14:00:00"	13.45	51.42	9.87	18.89	10.95	44.81	11.43	17.7	30.22	30.72	-0.5	85	83.7	26.486	70.187	0
"2015-01-12	15:00:00"	13.6	50.41	9.74	18.3	11.15	43.61	11.05	17.1	30.16	30.63	-0.466	83.9	82.9	26.474	74.636	0
"2015-01-12	16:00:00"	12.73	46.04	10.2	17.1	10.43	39.12	12	15.31	29.54	29.95	-0.41	83.5	82.5	26.47	43.267	0
"2015-01-12	17:00:00"	12.74	45.72	8.56	17.1	10.37	38.52	10.41	15.31	29.33	29.69	-0.363	81.1	80.1	26.479	31.378	0
"2015-01-12	18:00:00"	11.15	54.14	8.67	16.51	9.1	47.41	10.03	13.52	29.26	29.54	-0.281	80.4	79.5	26.49	9.4515	0
"2015-01-12	19:00:00"	9.81	58.49	11.03	15.31	7.759	51.33	12.6	13.52	28.92	29.16	-0.236	79.8	78.97	26.506	0.32544	0
"2015-01-12	20:00:00"	8.05	61.64	10.59	12.93	6.363	55.07	12.66	10.54	28.58	28.82	-0.244	82.3	81.5	26.516	0.06123	0
"2015-01-12	21:00:00"	8.34	63.16	10.14	12.33	6.526	56.58	12.11	10.54	28.75	28.95	-0.202	80.1	79.52	26.522	0.05518	0
"2015-01-12	22:00:00"	6.923	61.27	12.43	11.74	5.476	54.84	13.9	9.35	28.58	28.8	-0.223	81.1	80.5	26.537	0.09137	0
"2015-01-12	23:00:00"	8.46	70.1	8.3	12.33	6.451	64.4	11.6	10.54	28.48	28.69	-0.213	84.4	83.7	26.535	0.18475	0
"2015-01-13	00:00:00"	8.61	57.77	10.84	13.52	6.914	50.99	12.27	11.14	28.75	28.93	-0.183	85.3	84.8	26.528	0.10192	0
"2015-01-13	01:00:00"	7.761	88.5	14.25	12.33	6.065	81.9	15.09	9.95	28.33	28.53	-0.203	85.6	85.1	26.528	0.03071	0
"2015-01-13	02:00:00"	8.63	76.21	9.99	12.93	6.732	70.1	11.59	10.54	27.99	28.23	-0.232	86	85.3	26.514	0.10931	0
"2015-01-13	03:00:00"	9.24	79.38	9.52	12.93	7.199	73.41	10.68	12.33	27.4	27.6	-0.199	85.6	85	26.514	0.10077	0
"2015-01-13	04:00:00"	8.94	85.1	7.831	14.12	7.04	77.23	9.1	11.14	27.06	27.27	-0.214	85.4	84.8	26.505	0.10011	0
"2015-01-13	05:00:00"	9.22	89.8	9.83	13.52	7.376	82.8	10.89	12.33	26.62	26.83	-0.213	85.6	84.9	26.491	0.05213	0
"2015-01-13	06:00:00"	7.961	91.1	10	11.14	6.314	83.5	11.88	9.95	26.04	26.24	-0.204	85.4	84.9	26.493	0.13162	0
"2015-01-13	07:00:00"	6.945	99.5	8.83	9.35	5.583	90.8	10.21	8.16	25.89	26.13	-0.233	85	84.5	26.501	0.16177	0
"2015-01-13	08:00:00"	7.326	84.9	11.89	9.95	5.822	78.08	12.52	8.16	25.78	25.99	-0.205	85.1	84.6	26.489	0.46314	0
"2015-01-13	09:00:00"	8.2	88.3	10.28	11.14	6.546	80.6	11.45	9.35	25.68	25.93	-0.25	84.9	84.4	26.49	14.496	0
"2015-01-13	10:00:00"	9.26	90.5	9.09	13.52	7.425	82.7	10.66	11.14	25.55	25.91	-0.36	84.8	84.4	26.495	53.199	0
"2015-01-13	11:00:00"	9.61	85.7	11.29	13.52	7.704	78.98	11.85	11.74	25.76	26.43	-0.672	84.2	83.8	26.505	129.21	0
"2015-01-13	12:00:00"	7.739	112	13.45	12.33	6.447	104.9	15.22	9.95	26.52	27.2	-0.689	83	82.2	26.504	110.71	0
"2015-01-13	13:00:00"	7.417	121.8	12.13	10.54	6.169	114.4	15.03	9.35	26.98	27.57	-0.589	81.6	81.4	26.472	127.25	0
"2015-01-13	14:00:00"	7.557	120.4	11.88	10.54	6.238	112.7	14.87	9.35	27.37	28.1	-0.734	82.1	81.6	26.43	161.42	0
"2015-01-13	15:00:00"	7.117	118.6	11.65	10.54	5.922	111.3	14.21	9.35	28.14	28.75	-0.61	81.3	80.5	26.406	108.93	0
"2015-01-13	16:00:00"	6.19	126.4	14.3	9.35	5.124	119.1	16.01	8.16	28.8	29.33	-0.534	81.2	80.3	26.402	107.93	0
"2015-01-13	17:00:00"	5.501	121.1	13.57	7.561	4.538	114.7	16.25	6.964	29.24	29.68	-0.437	81.6	80.8	26.397	54.743	0
"2015-01-13	18:00:00"	5.574	112.2	11.63	7.561	4.531	104.4	13.99	6.964	29.28	29.61	-0.333	82.5	81.8	26.393	15.09	0
"2015-01-13	19:00:00"	5.632	116	8.82	6.964	4.583	106.8	11.21	6.964	29.12	29.36	-0.242	84.5	83.9	26.396	0.38351	0
"2015-01-13	20:00:00"	4.431	108.1	11.04	6.368	3.63	99.3	12.62	5.771	29.04	29.25	-0.216	85.5	85	26.4	0.0715	0
"2015-01-13	21:00:00"	5.916	134.1	11.26	9.35	4.689	126.1	12.6	7.561	29.1	29.35	-0.246	85.9	85.4	26.408	0.14684	0
"2015-01-13	22:00:00"	8.08	132	22.11	13.52	6.445	124	22.54	11.74	29.23	29.41	-0.175	85.9	85.4	26.412	0.16392	0
"2015-01-13	23:00:00"	5.251	133.5	10.6	7.561	4.166	126.9	12.05	6.368	29.29	29.47	-0.184	85.3	84.9	26.421	0.16527	0
"2015-01-14	00:00:00"	5.512	116.5	11.65	8.16	4.49	109.7	13.59	6.964	28.91	29.14	-0.222	86	85.5	26.426	0.14166	0
"2015-01-14	01:00:00"	4.213	109	10.44	6.368	3.456	100.4	13.08	5.771	28.92	29.14	-0.219	86.3	85.8	26.42	0.12477	0
"2015-01-14	02:00:00"	4.649	98.7	11.92	6.368	3.862	89.9	13.08	5.771	29.09	29.34	-0.251	86.4	85.9	26.418	0.22381	0
"2015-01-14	03:00:00"	5.006	104.4	9.11	6.964	4.165	96.4	10.86	6.368	29.05	29.26	-0.213	86.3	85.8	26.411	0.1812	0
"2015-01-14	04:00:00"	4.926	96.3	13.69	6.368	3.986	88.3	13.75	5.175	29.21	29.4	-0.186	86.2	85.7	26.408	0.18081	0
"2015-01-14	05:00:00"	5.627	81.6	7.555	7.561	4.501	75.27	8.48	6.964	29.3	29.43	-0.137	85.7	85.2	26.397	0.19185	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-14	06:00:00"	5.959	82.7	9.29	8.16	4.671	75.93	10.33	7.561	29.39	29.53	-0.139	85.6	85.2	26.397	0.12621	0	
"2015-01-14	07:00:00"	5.76	80.7	10.81	7.561	4.499	74.12	11.38	6.368	29.3	29.46	-0.163	85.9	85.4	26.403	0.09761	0	
"2015-01-14	08:00:00"	5.196	74.65	10.92	7.561	4.148	67.76	12.53	6.964	29.29	29.47	-0.176	86.1	85.6	26.409	0.21105	0	
"2015-01-14	09:00:00"	4.754	80.7	11.64	6.368	3.783	72.45	13.1	5.771	29.42	29.63	-0.208	85.8	85.4	26.423	13.129	0	
"2015-01-14	10:00:00"	4.051	89.9	11.42	6.368	3.283	82.2	13.06	5.175	29.81	30.05	-0.243	85.1	84.9	26.429	99.332	0	
"2015-01-14	11:00:00"	3.199	102.3	15.71	5.175	2.634	94.4	16.96	4.578	30.58	30.81	-0.232	83.3	83.1	26.442	147.08	0	
"2015-01-14	12:00:00"	3.353	56.1	22.44	7.561	2.8	54.55	27.76	6.368	31.74	32.23	-0.488	79.96	80.4	26.436	151.71	0	
"2015-01-14	13:00:00"	3.831	38.1	23.53	6.368	3.184	33.4	28.28	5.771	32.8	33.45	-0.648	79.15	79.95	26.402	185.86	0	
"2015-01-14	14:00:00"	4.069	49.9	22.12	5.771	3.439	45.12	23.96	5.175	33.65	34.27	-0.617	77.79	78.28	26.372	139.83	0	
"2015-01-14	15:00:00"	4.781	28.51	20.69	7.561	3.95	21.05	25.73	6.368	34.4	35.03	-0.633	76.71	76.96	26.353	125.31	0	
"2015-01-14	16:00:00"	5.342	24.23	18.23	8.75	4.366	16.99	23.75	7.561	35.15	35.78	-0.632	75.15	74.95	26.347	111.7	0	
"2015-01-14	17:00:00"	6.934	10.78	11.98	10.54	5.475	1.844	19.44	9.35	35.7	36.14	-0.439	74.67	74.45	26.353	62.487	0	
"2015-01-14	18:00:00"	6.155	357	15.54	9.35	4.83	347.1	18.41	8.16	35.97	36.22	-0.253	74.27	74.05	26.361	31.146	0	
"2015-01-14	19:00:00"	3.863	339.5	13.06	6.368	2.449	330.2	13.43	5.175	36	35.89	0.11	75.14	76.01	26.373	0.67419	0	
"2015-01-14	20:00:00"	3.368	320.3	11.21	5.175	1.585	310.3	14.72	3.982	35.99	35.68	0.315	76.59	78.5	26.388	0	0	
"2015-01-14	21:00:00"	2.627	267.6	34.44	3.982	1.603	260.9	35.14	2.789	36.04	35.81	0.237	77.19	78.58	26.395	0.00048	0	
"2015-01-14	22:00:00"	2.674	272.6	28.32	4.578	1.559	261.2	37.37	2.789	35.88	35.52	0.351	77.41	79.28	26.397	0	0	
"2015-01-14	23:00:00"	3.777	246	13.13	5.771	2.905	238.2	16.2	5.175	35.69	35.63	0.068	79.49	79.7	26.408	0	0	
"2015-01-15	00:00:00"	5.721	279.1	17.11	8.75	3.842	274.4	18.07	6.964	35.54	35.47	0.071	81.2	81.2	26.418	0.00029	0	
"2015-01-15	01:00:00"	5.692	309.3	7.541	8.16	3.068	304.8	10.77	5.771	35.44	35.32	0.121	81.6	81.8	26.406	0.0001	0	
"2015-01-15	02:00:00"	6.333	318.3	7.459	9.95	3.792	313.3	9.88	8.16	35.54	35.38	0.154	79.97	80.4	26.398	0.00019	0	
"2015-01-15	03:00:00"	6.048	308.1	9.65	8.75	3.307	303.2	11.71	6.368	35.41	35.32	0.088	81.1	81.2	26.405	0	0	
"2015-01-15	04:00:00"	5.673	299.7	9.7	8.75	3.279	294.3	12.11	6.368	35.37	35.28	0.094	81.4	81.5	26.407	0.0001	0	
"2015-01-15	05:00:00"	5.621	311.5	8.02	8.16	2.906	307	11.4	4.578	34.78	34.4	0.383	81	81.3	26.403	0.00067	0	
"2015-01-15	06:00:00"	6.05	307.8	5.224	7.561	2.613	303.2	9.94	4.578	33.13	30.76	2.371	83.1	84	26.4	0.02486	0	
"2015-01-15	07:00:00"	7.477	318	2.094	8.75	3.121	313.2	5.742	4.578	31.2	28.55	2.651	84.7	84.8	26.411	0.18178	0	
"2015-01-15	08:00:00"	7.727	315.9	5.679	8.75	3.113	311.2	6.909	4.578	29.63	27.39	2.241	84.6	84.5	26.437	1.3401	0	
"2015-01-15	09:00:00"	7.102	315.8	6.903	9.35	3.461	308.6	8.54	5.771	29.65	29.05	0.601	82.4	83.6	26.456	93.861	0	
"2015-01-15	10:00:00"	7.377	310.6	8.84	9.95	4.677	306	11.55	7.561	33.81	34.4	-0.589	78.28	77.92	26.481	274.9	0	
"2015-01-15	11:00:00"	8.52	304.8	11.15	14.12	5.454	298.7	13.67	9.95	39.3	40.46	-1.153	67.98	65.97	26.516	432.3	0	
"2015-01-15	12:00:00"	9.02	317.9	17.44	13.52	6.186	309.9	17.93	11.14	43.53	44.94	-1.41	60.11	57.87	26.526	556.6	0	
"2015-01-15	13:00:00"	6.739	341.6	30.9	11.74	5.322	334.1	37.14	11.74	47.14	48.73	-1.586	51.43	48.74	26.504	627.61	0	
"2015-01-15	14:00:00"	7.301	327.4	31.08	12.93	5.59	318.1	30.87	11.74	49.62	51.21	-1.591	46.74	43.85	26.477	630.97	0	
"2015-01-15	15:00:00"	7.983	331.2	26.54	14.12	5.918	321.8	25.95	12.93	51.89	53.47	-1.584	42.1	39.35	26.464	554.2	0	
"2015-01-15	16:00:00"	7.68	356.9	25.22	14.12	6.132	346.4	28.85	11.74	53.25	54.71	-1.462	37.54	35.27	26.466	448.13	0	
"2015-01-15	17:00:00"	7.923	354.9	18.1	12.93	6.326	344.5	20.56	11.14	54.03	55.19	-1.15	35.57	33.62	26.47	284.85	0	
"2015-01-15	18:00:00"	6.271	345.4	14.15	11.74	4.392	335.8	14.48	9.95	53.89	53.45	0.434	34.96	34.84	26.469	100.15	0	
"2015-01-15	19:00:00"	4.979	5.816	11.94	6.368	3.866	352.5	19.85	5.175	51.27	47.24	4.026	37.06	41.17	26.475	1.6711	0	
"2015-01-15	20:00:00"	7.378	9.9	14.06	9.35	4.554	351.2	12.43	5.175	50.39	40.59	9.81	34.75	51.65	26.484	0	0	
"2015-01-15	21:00:00"	8.45	3.989	5.991	9.35	4.64	359.6	33.5	5.771	50	37.77	12.23	33.85	55.63	26.488	0.0001	0	
"2015-01-15	22:00:00"	9.38	6.473	12	11.14	4.85	359.6	28.87	5.771	47.78	36.13	11.65	35.08	57.81	26.488	0.00058	0	
"2015-01-15	23:00:00"	10.24	7.63	4.224	11.14	4.719	357.7	27.36	5.771	43.53	32.53	10.99	39.24	64.43	26.488	0.00585	0	
"2015-01-16	00:00:00"	10.26	6.732	1.967	11.14	4.547	359.4	28.99	5.771	42.76	32.14	10.62	37.3	62.19	26.486	0.07591	0	
"2015-01-16	01:00:00"	8.14	349.8	15.08	10.54	4.263	336.2	20.15	6.368	37.57	31.41	6.156	47.3	61.89	26.476	0.12122	0	
"2015-01-16	02:00:00"	8.4	334.6	5.645	10.54	4.522	328.9	8.39	6.368	32.73	29.27	3.46	60.26	68.7	26.461	0.11434	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-16	03:00:00"	9.35	333	3.946	10.54	5.034	327.9	6.323	6.368	32.94	28.65	4.288	59	69.59	26.451	0.10004	0	
"2015-01-16	04:00:00"	9.09	338.3	9.44	11.14	4.737	333.8	10.32	6.368	33.43	29.07	4.359	58.09	68.45	26.446	0.09379	0	
"2015-01-16	05:00:00"	7.814	327.6	12.96	9.35	3.215	322.5	23.59	5.771	35.22	29.83	5.396	51.71	64.35	26.437	0.09735	0	
"2015-01-16	06:00:00"	8.11	314.3	8.04	10.54	3.211	308.1	17.24	6.368	36.01	30.39	5.619	49.19	61.72	26.43	0.08477	0	
"2015-01-16	07:00:00"	9.21	316.9	4.158	11.14	3.881	313.6	6.018	6.964	37.07	30.08	6.987	47.61	62.32	26.428	0.10186	0	
"2015-01-16	08:00:00"	9.08	319.7	3.726	9.95	4.088	315.3	5.065	6.368	37.24	29.36	7.88	47.31	64.1	26.43	1.3655	0	
"2015-01-16	09:00:00"	7.092	308	6.138	9.35	2.694	305.1	9.06	4.578	39.86	33.73	6.133	40.8	57.99	26.439	97.733	0	
"2015-01-16	10:00:00"	4.531	284.4	16.86	6.964	3.042	276.6	20.67	4.578	40.85	40.91	-0.068	46.24	47.98	26.451	224.5	0	
"2015-01-16	11:00:00"	5.74	247.5	18.48	11.14	4.719	238.7	18.35	9.35	44.87	45.44	-0.571	41.51	40.54	26.454	438.16	0	
"2015-01-16	12:00:00"	9.29	241	17.37	15.91	7.628	235	21.03	12.93	50.02	50.87	-0.852	34.89	33.36	26.444	533.68	0	
"2015-01-16	13:00:00"	12.43	227.8	17.13	18.89	10.13	220.1	19.87	17.7	53.29	54.11	-0.816	29.78	28.08	26.412	571.48	0	
"2015-01-16	14:00:00"	13.33	226.8	16.05	20.68	10.89	218.2	19.62	18.3	54.94	55.85	-0.904	27.66	25.8	26.371	637.41	0	
"2015-01-16	15:00:00"	14.13	222.5	15.07	22.47	11.36	214.5	18.75	20.09	56.35	57.27	-0.921	25.26	23.36	26.336	578.35	0	
"2015-01-16	16:00:00"	13.86	221	14.43	21.28	11.25	210.6	16.71	20.09	57.52	58.19	-0.667	21.1	19.35	26.314	456.64	0	
"2015-01-16	17:00:00"	13.65	218.8	13.66	21.28	10.91	209.2	16.34	19.49	57.71	58.03	-0.324	22.7	21.09	26.299	285	0	
"2015-01-16	18:00:00"	10.69	216.3	12.29	18.3	8.4	205.2	14.26	15.91	56.27	55.97	0.302	27.18	26.06	26.285	92.317	0	
"2015-01-16	19:00:00"	7.774	219.1	11.97	11.74	5.673	205.9	14.26	9.95	51.51	50.67	0.837	30.62	30.1	26.278	1.1313	0	
"2015-01-16	20:00:00"	7.718	221.8	11.6	11.14	5.393	211.5	15.05	9.35	47.8	46.82	0.982	35.01	34.85	26.275	0	0	
"2015-01-16	21:00:00"	8.17	229.6	11.9	12.33	6.138	219.9	12.66	9.35	45.91	45.06	0.844	37.85	37.64	26.275	0	0	
"2015-01-16	22:00:00"	8.51	231.9	12.72	14.12	6.346	220.1	15.63	12.33	44.1	43.28	0.811	38.39	38.26	26.265	0	0	
"2015-01-16	23:00:00"	7.336	239.2	10.8	10.54	5.314	232.2	13.42	8.16	40.71	40	0.707	43.73	43.62	26.256	0	0	
"2015-01-17	00:00:00"	8.54	242.3	10.98	11.74	6.312	236.5	13.49	9.95	39.48	38.71	0.772	48.3	48.34	26.25	0.0001	0	
"2015-01-17	01:00:00"	9.98	275	8.14	21.28	6.541	269.8	11.83	15.31	40.36	38.3	2.056	46.66	49.49	26.243	0.00038	0	
"2015-01-17	02:00:00"	9.8	263.3	14.5	18.3	6.669	254.7	17.2	14.12	42.22	40.48	1.74	40.66	42.51	26.228	0	0	
"2015-01-17	03:00:00"	10.92	298.9	9.18	17.1	5.199	292.4	12.24	8.75	41.23	38.38	2.852	42.26	46.48	26.21	0.00038	0	
"2015-01-17	04:00:00"	13.02	306	6.117	17.1	6.117	302.3	9.29	11.14	39.72	38.05	1.67	44.9	47.02	26.208	0.00029	0	
"2015-01-17	05:00:00"	12.71	306	6.25	17.1	6.015	301	9.66	9.95	38.35	36.81	1.536	47.21	49.14	26.198	0.00182	0	
"2015-01-17	06:00:00"	10.5	295.9	6.023	12.93	5.091	289.6	9.21	7.561	37.41	34.88	2.528	48.47	52.48	26.181	0.00509	0	
"2015-01-17	07:00:00"	12.49	298.4	9.82	17.1	6.325	294.6	12.05	10.54	39.9	37.7	2.201	43.14	46.39	26.175	0.00585	0	
"2015-01-17	08:00:00"	11.12	297.3	8.82	18.3	5.698	291.1	12.15	11.14	39.35	37.51	1.834	43.95	46.36	26.196	0.81146	0	
"2015-01-17	09:00:00"	10.82	277.9	17.23	17.7	6.966	271.5	18.73	16.51	40.13	39.19	0.94	41.59	42.6	26.223	95.659	0	
"2015-01-17	10:00:00"	11.96	287.3	17.79	22.47	7.699	281.3	20.12	14.72	48.67	48.87	-0.192	30.93	30.16	26.257	285.85	0	
"2015-01-17	11:00:00"	19.17	332.1	23.64	41.56	13.38	324.2	22.04	36.78	57.8	58.55	-0.749	20.9	19.46	26.296	438.08	0	
"2015-01-17	12:00:00"	24.77	18.8	18.03	40.96	19.46	8.86	24.25	33.21	59.96	60.88	-0.917	20.89	19.15	26.346	559.1	0	
"2015-01-17	13:00:00"	20.87	45.01	11.35	30.22	16.9	37.66	13.49	26.65	59.48	60.66	-1.177	21.99	20.1	26.358	628.86	0	
"2015-01-17	14:00:00"	19.19	49.77	11.05	27.84	15.67	42.64	13.1	25.45	59.56	60.88	-1.315	22.24	20.24	26.352	630.19	0	
"2015-01-17	15:00:00"	19.2	49.35	11.86	28.43	15.59	41.99	13.76	24.26	60.94	62.12	-1.187	21.92	19.94	26.361	549.25	0	
"2015-01-17	16:00:00"	15.44	51.32	13.14	27.24	12.61	43.72	15.06	22.47	61.75	62.65	-0.9	20.64	18.85	26.374	441.61	0	
"2015-01-17	17:00:00"	14.37	57.58	10.88	23.66	11.57	50.48	12.73	19.49	62.3	62.59	-0.29	18.38	16.96	26.39	269.36	0	
"2015-01-17	18:00:00"	11.83	58.83	11.31	20.09	9.14	51.83	13.1	17.7	60.51	59.86	0.656	19.55	18.73	26.413	92.629	0	
"2015-01-17	19:00:00"	7.697	74.63	5.011	9.35	3.99	61.03	5.551	5.771	56.12	52.09	4.024	22.73	25.59	26.435	1.4247	0	
"2015-01-17	20:00:00"	7.59	79.15	5.172	9.35	4.004	61.29	7.603	5.771	53.5	48.93	4.568	24.88	28.46	26.459	0	0	
"2015-01-17	21:00:00"	7.974	77.15	2.795	9.35	4.19	56.24	4.468	5.175	52.07	47.12	4.952	26.24	30.72	26.483	0	0	
"2015-01-17	22:00:00"	7.04	69	8.37	9.35	4.083	36.23	23.32	5.175	50.34	43.9	6.443	27.72	33.92	26.494	0	0	
"2015-01-17	23:00:00"	7.783	63.35	7.272	10.54	4.057	38.24	21.56	6.368	48.1	41.27	6.827	29.91	37.79	26.507	0.00019	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-18	00:00:00"	5.651	115.8	53.64	9.35	3.292	88.1	79.19	5.771	44.87	39.95	4.913	33.56	39.73	26.514	0
"2015-01-18	01:00:00"	3.404	198.9	23.56	5.175	2.085	274.7	30.76	4.578	44.12	39.41	4.702	34.45	40.09	26.514	0.00797
"2015-01-18	02:00:00"	3.739	194.8	22.08	6.368	2.056	235.9	49.17	3.982	45.94	42.29	3.646	31.97	35.59	26.515	0.00211
"2015-01-18	03:00:00"	5.361	181.3	21.12	7.561	2.642	171.2	33.36	4.578	45.23	41.96	3.267	32.1	35.44	26.501	0.0001
"2015-01-18	04:00:00"	5.481	242.8	14.6	6.964	3.312	253.3	22	5.175	43.58	40.9	2.683	34	36.53	26.486	0.00029
"2015-01-18	05:00:00"	5.719	267.8	12.4	7.561	3.039	285.9	16.38	4.578	41.83	35.91	5.911	36.48	45.16	26.481	0
"2015-01-18	06:00:00"	6.897	271.3	20.14	10.54	3.427	273.1	31.62	5.771	40.32	35.31	5.013	38.46	47.24	26.483	0.00269
"2015-01-18	07:00:00"	7.555	271.5	13.62	11.74	4.219	274.2	18.66	8.16	40.2	36.54	3.663	39.29	45	26.476	0.0025
"2015-01-18	08:00:00"	7.869	286.4	5.096	9.95	3.413	295.2	6.411	5.175	39.51	34.01	5.495	41.53	50.9	26.48	1.5039
"2015-01-18	09:00:00"	6.157	267.3	11.07	9.35	3.435	262.9	17.93	8.16	40.25	37.85	2.405	42.17	46.47	26.479	93.775
"2015-01-18	10:00:00"	6.579	251.1	16.93	11.14	4.991	244.5	18.39	9.95	44.34	44.47	-0.129	40.29	39.95	26.483	280.75
"2015-01-18	11:00:00"	10.8	220.1	12.76	20.09	8.8	211.2	16.38	16.51	51.57	52.11	-0.544	33.04	31.49	26.48	451.77
"2015-01-18	12:00:00"	14.3	216.3	13.38	20.09	11.55	206.3	15.7	18.3	56.43	57.21	-0.78	27	25.15	26.464	567.63
"2015-01-18	13:00:00"	13.1	224	14.7	21.87	10.66	214.6	17.16	20.68	59.71	60.52	-0.806	22.97	21.05	26.427	581.83
"2015-01-18	14:00:00"	12	223.9	15.48	20.68	9.8	215.3	17.56	17.7	62.57	63.52	-0.955	19.09	17.16	26.382	655.97
"2015-01-18	15:00:00"	12.77	223.6	14.49	23.07	10.48	214.4	17.01	21.87	64.51	65.42	-0.91	17.52	15.59	26.35	575.43
"2015-01-18	16:00:00"	13.57	224.4	16.17	21.87	11.13	216.1	18.87	20.09	65.42	66.05	-0.632	18.37	16.5	26.322	456.72
"2015-01-18	17:00:00"	12.72	236.9	16.56	20.09	10.39	229.9	19.5	17.7	65.85	66.14	-0.295	19.72	17.99	26.315	299.62
"2015-01-18	18:00:00"	9.57	238.1	13.77	17.1	7.751	230.4	17.08	15.31	65.16	64.84	0.323	20.89	19.51	26.302	115.5
"2015-01-18	19:00:00"	6.517	216.1	21.73	12.33	4.291	207.8	23.51	9.95	60.61	58.98	1.626	24.79	24.77	26.298	2.8736
"2015-01-18	20:00:00"	7.071	207.5	10.13	10.54	4.767	203.3	11.42	7.561	54.6	53.52	1.085	30.72	30.31	26.297	0
"2015-01-18	21:00:00"	7.161	204.3	12.01	11.74	5.006	202.2	13.49	8.75	51.22	50.08	1.135	34.05	34.03	26.294	0
"2015-01-18	22:00:00"	6.437	226.5	12.13	9.95	4.489	221.7	20.6	8.16	48.87	47.94	0.928	37.1	36.89	26.292	0
"2015-01-18	23:00:00"	7.324	278.5	23.37	11.14	3.467	278.7	27.25	6.368	48.41	44.32	4.098	36.92	41.83	26.288	0
"2015-01-19	00:00:00"	6.392	270.2	11.51	10.54	3.706	248.4	30.85	7.561	51.3	47.81	3.487	33.42	36.67	26.288	0
"2015-01-19	01:00:00"	7.297	299.4	12.39	11.14	3.534	292	24.44	7.561	48.27	44.44	3.832	37.36	41.69	26.275	0
"2015-01-19	02:00:00"	12.88	309.6	8.35	20.09	6.428	303.3	11.89	13.52	46.5	44.88	1.619	40.38	41.91	26.254	0
"2015-01-19	03:00:00"	10.25	314.2	6.934	14.72	4.934	309.4	9.59	8.16	43.99	42.12	1.866	44.11	46.17	26.253	0
"2015-01-19	04:00:00"	11.05	312.6	7.056	15.31	5.493	307.5	9.67	10.54	42.9	41.6	1.304	46.11	47.25	26.248	0
"2015-01-19	05:00:00"	12.95	314.3	6.762	17.1	6.569	309	9.68	11.74	42.68	41.38	1.299	46.37	47.52	26.239	0
"2015-01-19	06:00:00"	12.84	324.7	6.661	17.1	7.617	318.3	9.19	11.74	43.46	41.96	1.503	45.39	46.87	26.233	0
"2015-01-19	07:00:00"	11.55	324.7	5.901	15.31	6.728	319	8.86	10.54	43.29	41.57	1.721	45.84	47.86	26.241	0
"2015-01-19	08:00:00"	12.99	328.7	7.029	17.1	8.4	322.5	9.23	13.52	43.3	42.08	1.226	45.77	46.87	26.254	1.4302
"2015-01-19	09:00:00"	13.53	334.3	6.459	17.7	9.35	327.3	8.82	13.52	45.22	44.31	0.913	41.66	42.18	26.268	60.304
"2015-01-19	10:00:00"	12.93	326.1	7.85	17.7	9.13	320.3	9.94	13.52	49.38	49.74	-0.363	36.82	35.68	26.284	253.89
"2015-01-19	11:00:00"	12.86	341.2	9.02	18.3	9.9	331.8	10.37	14.72	57.96	59	-1.043	27.2	25.4	26.29	419.15
"2015-01-19	12:00:00"	10.94	345.5	15.94	15.91	8.68	335.5	16.76	13.52	62.75	64.43	-1.679	22.62	20.4	26.286	578.54
"2015-01-19	13:00:00"	7.913	333.3	17.92	13.52	6.024	323.6	19.88	12.93	65.77	67.44	-1.665	19.74	17.53	26.257	648.97
"2015-01-19	14:00:00"	8.44	307.7	23.72	18.3	5.886	299.4	25.22	13.52	68.61	70.31	-1.704	18.24	16.05	26.221	654.26
"2015-01-19	15:00:00"	9.75	311.5	19.06	15.91	6.96	304.2	20.59	13.52	70.08	71.71	-1.622	17.19	15.02	26.199	578.48
"2015-01-19	16:00:00"	8.62	318.4	21.01	15.31	6.05	311.3	22.38	13.52	71.06	72.37	-1.315	16.02	13.99	26.186	470.13
"2015-01-19	17:00:00"	11.39	325.8	17.49	17.1	7.807	318.8	17.64	12.93	71.18	72.01	-0.835	15.44	13.62	26.178	303.69
"2015-01-19	18:00:00"	6.854	344.2	12.68	13.52	4.755	339.6	15.61	10.54	69.79	69.07	0.717	17.76	16.74	26.18	115.41
"2015-01-19	19:00:00"	3.265	108.7	61.31	5.175	2.442	114.7	54.64	3.386	67.51	63.43	4.082	19.13	20.87	26.185	3.1824
"2015-01-19	20:00:00"	4.62	144.3	27.04	6.368	2.738	102.9	65.09	5.175	65.32	58.43	6.894	20.04	24.29	26.191	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-19	21:00:00"	4.745	249.6	30.29	7.561	2.889	272.5	43.4	5.175	59.33	53.95	5.382	25	29.41	26.194	0	0
"2015-01-19	22:00:00"	5.717	276.9	9.3	6.964	3.05	286	13.57	6.368	60.7	54.8	5.898	23.91	28.1	26.188	0	0
"2015-01-19	23:00:00"	6.523	312.8	13.35	8.75	2.87	304.3	16.64	5.771	55.9	50.68	5.213	28.43	32.83	26.187	0	0
"2015-01-20	00:00:00"	6.511	312.5	6.477	8.75	3.126	318.9	13.86	4.578	57.5	48.18	9.33	27.6	36.38	26.176	0	0
"2015-01-20	01:00:00"	5.476	286.6	21.4	8.75	2.64	288.7	46.25	5.175	56.49	48.49	8	28.24	36.48	26.16	0	0
"2015-01-20	02:00:00"	7.986	303.1	7.995	9.95	3.182	311.3	7.848	5.175	54.51	44.38	10.13	30.2	42.87	26.155	0.0001	0
"2015-01-20	03:00:00"	6.591	297.9	7.899	9.35	2.607	305.2	10.59	4.578	55.72	45.11	10.61	28.82	41.77	26.147	0	0
"2015-01-20	04:00:00"	7.395	297.9	6.776	10.54	2.875	301.9	8.82	4.578	54.44	45.78	8.66	29.81	40.37	26.14	0	0
"2015-01-20	05:00:00"	8.37	303.7	10.24	11.14	3.189	295.1	15.01	6.964	49.2	42.5	6.708	35.65	45.71	26.133	0	0
"2015-01-20	06:00:00"	11.48	317.7	4.655	14.72	5.613	313.7	8.81	9.95	46.91	43.26	3.647	39.64	45.55	26.135	0.0001	0
"2015-01-20	07:00:00"	10.19	335.4	18	12.93	5.571	329.1	16.15	8.75	45.38	42.49	2.888	42.7	46.82	26.148	0	0
"2015-01-20	08:00:00"	11.69	344.3	10.75	14.72	7.289	336.2	11.8	9.95	46.3	44.1	2.193	42.78	45.56	26.169	1.5609	0
"2015-01-20	09:00:00"	9.37	321.6	7.555	13.52	4.932	313.2	9.97	8.75	47.9	46.52	1.379	39.71	41.41	26.188	94.436	0
"2015-01-20	10:00:00"	9.45	329.2	27.4	19.49	6.581	319.4	28.14	16.51	52.49	53.06	-0.572	36.28	34.91	26.21	279.7	0
"2015-01-20	11:00:00"	14.6	12.07	12.37	20.68	11.52	2.322	20.91	18.3	54.42	55.59	-1.168	36.04	33.82	26.238	448.32	0
"2015-01-20	12:00:00"	16.16	4.798	13.39	23.07	12.61	354	20.57	20.68	58.03	59.69	-1.665	33.45	30.8	26.243	577.05	0
"2015-01-20	13:00:00"	15.57	0.488	14.12	22.47	12.35	349.3	17.95	19.49	60.52	62.38	-1.855	30.5	27.75	26.232	647.2	0
"2015-01-20	14:00:00"	14.49	6.289	13.9	21.28	11.45	355.1	20.12	18.89	62.67	64.68	-2.008	27.26	24.48	26.207	650.18	0
"2015-01-20	15:00:00"	13.38	21.45	14.95	20.09	10.89	12.25	20.92	17.7	63.52	65.29	-1.767	26.54	23.88	26.195	572.23	0
"2015-01-20	16:00:00"	12.81	33.83	11.35	18.89	10.41	26.42	15.62	16.51	63.14	64.51	-1.373	27.63	25.2	26.195	464.95	0
"2015-01-20	17:00:00"	13.07	41.87	12.43	18.89	10.73	34.87	15.6	16.51	62.59	63.31	-0.727	27.6	25.62	26.206	302.07	0
"2015-01-20	18:00:00"	12.16	53.49	9.48	17.7	9.81	46.26	10.21	16.51	60.44	60.15	0.295	29.74	28.54	26.221	106.11	0
"2015-01-20	19:00:00"	10	60.44	5.914	12.93	6.805	54.01	7.684	10.54	54.7	53.25	1.451	35.06	35.32	26.234	4.9278	0
"2015-01-20	20:00:00"	11.66	67.03	6.258	17.1	7.945	60.11	8.84	13.52	49.82	48.72	1.106	41.27	41.57	26.246	0	0
"2015-01-20	21:00:00"	12.08	66.07	7.251	17.1	8.73	58.73	9.46	13.52	47.99	47.17	0.822	44.78	44.64	26.258	0	0
"2015-01-20	22:00:00"	12.69	69.34	7.143	19.49	8.96	62.43	9.78	15.31	45.49	44.75	0.736	49.63	49.57	26.263	0	0
"2015-01-20	23:00:00"	14.37	76.06	7.517	19.49	10.47	70.6	9.59	15.91	43.77	43.35	0.421	52.49	51.8	26.276	0	0
"2015-01-21	00:00:00"	13.09	75.96	7.288	19.49	9.44	70.22	9.77	14.72	41.29	40.88	0.411	56.88	56.27	26.289	0	0
"2015-01-21	01:00:00"	12.75	75.59	7.202	17.7	8.99	69.66	9.83	15.31	38.82	38.45	0.374	61.09	60.57	26.288	0	0
"2015-01-21	02:00:00"	14.94	80.8	7.057	20.09	11.37	74.01	8.6	17.7	37.76	37.48	0.273	62.81	62.11	26.28	0	0
"2015-01-21	03:00:00"	12.84	81.7	7.201	18.89	9.82	74.6	8.36	15.31	36.72	36.46	0.266	66.76	66.05	26.281	0.00029	0
"2015-01-21	04:00:00"	10.21	66.66	9.89	13.52	7.403	59.23	11.5	11.14	35.14	34.78	0.362	70.96	70.58	26.291	0.00106	0
"2015-01-21	05:00:00"	10.73	52.48	7.605	15.31	8.34	43.98	8.83	13.52	34.19	33.77	0.413	72.95	72.68	26.292	0.00768	0
"2015-01-21	06:00:00"	11.09	56.66	7.056	15.31	8.52	49.48	8.72	12.33	33.74	33.31	0.436	75.34	75.15	26.281	0.01478	0
"2015-01-21	07:00:00"	12.6	50.21	7.818	18.89	9.95	42.68	9.03	14.72	33.22	32.94	0.284	77.03	76.69	26.277	0.00921	0
"2015-01-21	08:00:00"	13.21	58.21	8.85	17.7	10.53	50.96	9.56	15.31	33.73	33.6	0.132	77.78	77.19	26.287	1.6858	0
"2015-01-21	09:00:00"	14.48	70.52	9.39	21.28	11.18	64.38	11.65	18.89	34.87	34.95	-0.089	77.83	76.91	26.292	67.514	0
"2015-01-21	10:00:00"	18.49	80.7	9.89	25.45	14.25	73.79	11.25	21.87	38.17	38.62	-0.452	72.99	71.1	26.294	210.44	0
"2015-01-21	11:00:00"	19.49	88.3	7.616	26.05	15.13	80.3	9.9	23.66	40.47	41.07	-0.595	65.49	63.26	26.298	234.8	0
"2015-01-21	12:00:00"	17.39	90	8.71	24.86	13.55	82	10.55	19.49	41.87	42.57	-0.698	61.58	59	26.299	209.51	0
"2015-01-21	13:00:00"	16.3	97.3	8.68	22.47	12.91	89.2	10.54	18.89	42.9	43.59	-0.688	60.79	58.25	26.273	197.22	0
"2015-01-21	14:00:00"	14.34	89.1	8.46	20.09	11.16	81.3	10.22	17.1	43.75	44.26	-0.506	60.96	58.61	26.236	106.86	0
"2015-01-21	15:00:00"	15.29	81.8	8.66	20.68	11.9	74.79	9.92	17.7	43.14	43.39	-0.244	63.46	61.63	26.197	53.274	0
"2015-01-21	16:00:00"	11.92	89.2	11.66	18.89	9.4	81.7	12.36	15.31	43	43.23	-0.226	64.37	62.69	26.194	46.352	0
"2015-01-21	17:00:00"	12.2	87.4	9.52	17.1	9.41	79.82	11.31	15.31	42.47	42.71	-0.232	65.96	64.26	26.195	44.103	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-21	18:00:00"	9.68	95.3	12.81	15.31	7.543	87.6	13.49	12.33	40.08	40.29	-0.208	78.04	76.97	26.201	13.381	0
"2015-01-21	19:00:00"	8.21	85.4	11.66	14.12	6.275	78.02	12.72	11.14	38.44	38.59	-0.154	85.9	85.4	26.215	0.42838	0
"2015-01-21	20:00:00"	8.78	81.4	17.85	14.12	6.742	73.23	19.01	11.74	37.93	38.05	-0.125	87.2	86.8	26.223	0.34539	0
"2015-01-21	21:00:00"	5.643	31.09	33.65	10.54	4.307	21.86	35.31	9.95	38.05	38.11	-0.064	86.4	86.3	26.261	0.34539	0.06
"2015-01-21	22:00:00"	15.06	91.3	30.12	30.82	11.69	84.9	32.23	23.66	37.08	37.18	-0.099	87.1	86.7	26.22	0.34539	0.06
"2015-01-21	23:00:00"	14.16	62.49	10.36	22.47	11.14	56.75	12.26	19.49	37.04	37.04	0.001	85.8	85.7	26.241	0.34492	0
"2015-01-22	00:00:00"	16.08	56.85	8.94	23.07	13	50.18	10.18	20.68	37.01	37.03	-0.015	85.3	85.2	26.257	0.10352	0
"2015-01-22	01:00:00"	17.42	57.78	8.58	24.86	13.97	51.5	10.35	21.28	36.51	36.55	-0.041	85.6	85.4	26.275	0.00115	0
"2015-01-22	02:00:00"	20.45	59.81	9.38	30.82	16.15	53.48	11.83	26.05	34.17	34.3	-0.131	86.3	85.8	26.274	0.24546	0
"2015-01-22	03:00:00"	19.91	60.25	8.3	29.63	15.89	53.73	10.17	25.45	33.24	33.34	-0.105	85.2	85	26.283	0.34527	0
"2015-01-22	04:00:00"	20.29	65.22	8.34	31.42	15.71	59.25	10.37	27.24	32.65	32.76	-0.114	85.6	85.2	26.3	0.34551	0
"2015-01-22	05:00:00"	18.12	62.06	8.56	29.63	14.67	55.4	10.57	24.26	32.06	32.16	-0.095	85.8	85.4	26.312	0.32094	0
"2015-01-22	06:00:00"	17.94	61.87	8.52	26.05	14.67	55.57	10.31	22.47	31.86	31.95	-0.092	85.4	85.1	26.323	0.21431	0
"2015-01-22	07:00:00"	15.93	57.13	7.953	24.86	13.61	49.99	9.12	22.47	31.54	31.6	-0.058	85.6	85.2	26.339	0.21489	0.01
"2015-01-22	08:00:00"	15.59	56.05	7.493	27.84	13.16	49.93	8.31	23.66	31.38	31.42	-0.039	85.7	85.2	26.361	0.55713	0.01
"2015-01-22	09:00:00"	17.07	53.23	8.01	26.05	14.57	46.88	8.77	23.07	31.44	31.49	-0.048	85.2	84.8	26.375	25.141	0
"2015-01-22	10:00:00"	16.88	51	7.159	26.05	14.33	44.74	8.46	20.68	31.34	31.44	-0.109	84.5	84.2	26.398	60.448	0
"2015-01-22	11:00:00"	16.84	50.56	7.781	23.07	14.36	43.98	9.32	21.28	31.46	31.66	-0.199	83.6	83.5	26.411	96.033	0
"2015-01-22	12:00:00"	15.48	46.41	7.38	23.66	13.17	40.03	8.89	20.68	31.43	31.68	-0.25	83.7	83.6	26.424	85.191	0
"2015-01-22	13:00:00"	17.77	46.47	7.317	26.65	15.03	39.96	8.82	23.66	31.45	31.79	-0.34	83.9	83.8	26.413	143.7	0.01
"2015-01-22	14:00:00"	18.2	47.78	7.911	27.24	15.33	40.67	9.18	24.26	31.65	31.96	-0.312	82.9	83	26.403	111.95	0
"2015-01-22	15:00:00"	18.69	45.92	7.46	27.84	15.7	39.09	9.1	24.86	31.75	32.04	-0.288	82.2	82.3	26.39	92.705	0
"2015-01-22	16:00:00"	18.28	43.18	7.236	26.65	15.37	36.3	9.05	23.07	31.56	31.76	-0.203	82.3	82.2	26.399	89.65	0.01
"2015-01-22	17:00:00"	17.86	40.09	7.503	27.24	14.75	33.04	9.98	24.86	31.27	31.41	-0.142	83.4	83.2	26.412	55.509	0.01
"2015-01-22	18:00:00"	17.11	37.42	6.746	26.05	14.2	30.5	9.42	22.47	30.96	31.06	-0.095	83.5	83.2	26.43	22.334	0.01
"2015-01-22	19:00:00"	15.46	34.42	5.971	23.66	12.88	27.87	8.92	21.87	30.77	30.83	-0.06	84.3	83.9	26.448	1.4633	0.01
"2015-01-22	20:00:00"	15.04	32.92	6.026	24.26	12.45	25.88	9.35	21.28	30.71	30.75	-0.039	84.2	83.8	26.463	0.20807	0.01
"2015-01-22	21:00:00"	15.08	33.86	6.155	21.87	12.52	27.5	9.15	21.87	30.6	30.62	-0.013	83.3	83	26.467	0.19271	0.01
"2015-01-22	22:00:00"	13.31	30.7	5.866	19.49	10.95	23.65	9.13	18.3	30.18	30.17	0.012	83.3	83	26.461	0.18888	0.01
"2015-01-22	23:00:00"	11.8	20.72	6.501	17.7	9.56	10.84	11.79	15.31	29.87	29.88	-0.011	82.7	82.5	26.468	0.24848	0.01
"2015-01-23	00:00:00"	11.95	21.95	5.553	16.51	9.63	12	10.14	15.31	29.31	29.35	-0.039	83.1	82.8	26.468	0.13839	0
"2015-01-23	01:00:00"	11.25	19.41	5.402	15.31	9.08	9.12	9.9	14.12	29.07	29.11	-0.046	82.8	82.5	26.461	0.19319	0
"2015-01-23	02:00:00"	10.41	6.117	9.24	15.31	8.21	356	13.54	12.33	28.7	28.74	-0.045	82.9	82.6	26.453	0.22592	0
"2015-01-23	03:00:00"	8.44	351.6	5.767	12.33	6.436	342.9	7.657	11.14	27.78	27.81	-0.023	82.1	82	26.453	0.21194	0
"2015-01-23	04:00:00"	8.69	342.8	2.852	12.33	6.41	334	6.919	10.54	26.06	25.78	0.284	81.6	81.3	26.442	0.22504	0
"2015-01-23	05:00:00"	7.23	339.9	0.572	10.54	4.911	333.4	7.804	7.561	24.23	23.75	0.486	81.4	81.3	26.424	0.07431	0
"2015-01-23	06:00:00"	8	334.7	0.797	10.54	4.938	321	6.45	7.561	22.41	21.65	0.76	79.95	79.83	26.42	0.03572	0
"2015-01-23	07:00:00"	7.664	333.5	0.137	8.75	3.61	317.5	7.435	5.175	22.89	19.85	3.042	79.8	79.84	26.423	0.0001	0
"2015-01-23	08:00:00"	4.768	333.6	0.099	8.16	2.345	302.4	1.794	3.982	22.36	20.45	1.907	81.2	81.2	26.431	1.4683	0
"2015-01-23	09:00:00"	4.386	333.4	0.256	6.368	2.247	301.3	0.319	3.982	22.68	21.42	1.262	80.7	81.5	26.431	126.33	0
"2015-01-23	10:00:00"	2.971	285	33.93	5.771	2.407	281.7	19.02	4.578	24.86	24.97	-0.105	79.79	79.77	26.439	304.47	0
"2015-01-23	11:00:00"	5.041	240.8	12.41	8.75	4.347	241.6	16.38	7.561	27.37	27.61	-0.236	78.48	78.26	26.449	453.6	0
"2015-01-23	12:00:00"	9.81	255.6	11.18	14.72	7.649	252.2	13.22	12.93	31.1	31.62	-0.518	70.91	71.48	26.441	583.38	0.01
"2015-01-23	13:00:00"	9.97	249.6	12.24	14.72	8.27	245	14.36	14.12	34.01	34.72	-0.715	66.99	67.58	26.415	657.67	0
"2015-01-23	14:00:00"	11.25	254.8	13.23	17.1	9.16	250	16.37	15.31	36.84	37.9	-1.064	65.69	66.08	26.382	660.54	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-23	15:00:00"	12.89	273.1	13.29	21.28	9.98	268.3	15.85	16.51	39.79		41.1	-1.316	59.75	59.74	26.359	586.84	0
"2015-01-23	16:00:00"	13.47	283.3	10.55	20.09	9.79	279.3	12.68	17.1	42.12	43.34	-1.223	52.59	52.45	26.349	477.43	0	
"2015-01-23	17:00:00"	14.03	291.9	10.01	20.09	9.44	286.6	12.47	16.51	43.49	44.32	-0.825	44.74	44.87	26.348	315.11	0	
"2015-01-23	18:00:00"	11.84	301.6	9.16	18.3	6.91	296.1	11	13.52	43.47	43.47	0.008	39.58	40.18	26.352	130.1	0	
"2015-01-23	19:00:00"	7.457	301.8	8.95	12.33	3.624	300.2	12.94	9.95	40.09	37.59	2.499	48.14	53.86	26.36	4.8929	0	
"2015-01-23	20:00:00"	9.07	324.9	6.691	11.74	4.263	318.8	10.34	7.561	36.27	32.6	3.672	56.86	65.69	26.374	0.00096	0	
"2015-01-23	21:00:00"	9.65	321.5	5.793	12.33	4.719	314.8	9.09	8.16	33.38	31.39	1.992	65.23	70.55	26.386	0.05797	0	
"2015-01-23	22:00:00"	9.18	323.8	5.751	11.14	4.903	317	8.78	7.561	31.98	30.49	1.492	65.53	69.58	26.394	0.07479	0	
"2015-01-23	23:00:00"	10.05	306.5	10.62	14.12	5.24	301	12.64	8.75	30.3	29.34	0.958	69.99	72.38	26.403	0.11751	0	
"2015-01-24	00:00:00"	12.69	324.8	6.358	17.1	8.01	318.7	8.78	13.52	31.16	30.31	0.843	66.92	69.16	26.41	0.07949	0	
"2015-01-24	01:00:00"	10.87	330.9	5.865	14.72	6.921	323.1	8.6	11.14	31.18	30.12	1.06	62.16	65.07	26.414	0.05357	0	
"2015-01-24	02:00:00"	11.37	324.1	8.3	16.51	6.639	317.5	10.39	12.33	30.36	29.35	1.01	65.45	68.17	26.41	0.09879	0	
"2015-01-24	03:00:00"	13.63	344.2	9.51	18.3	9.58	335.7	9.16	14.72	34.11	33.06	1.046	54.34	56.99	26.396	0.05337	0	
"2015-01-24	04:00:00"	10.04	332.4	17.63	15.91	6.064	324.4	16.96	13.52	33.7	32.48	1.222	53.81	56.46	26.397	0.0215	0	
"2015-01-24	05:00:00"	10.2	315	6.403	13.52	5.063	310.7	9.89	8.75	30.31	29.29	1.025	64.54	67.24	26.406	0.09137	0	
"2015-01-24	06:00:00"	10.18	319.1	6.6	13.52	5.447	313.2	9.92	8.75	31.12	30.1	1.012	59.19	61.78	26.402	0.09457	0	
"2015-01-24	07:00:00"	10	324.1	10.49	13.52	5.69	319.1	12.91	9.35	30.58	29.61	0.968	61.33	63.46	26.409	0.11166	0	
"2015-01-24	08:00:00"	8.31	345	7.234	11.74	5.021	336.5	9.35	8.16	31.47	29.73	1.738	61.79	65.65	26.415	1.0875	0	
"2015-01-24	09:00:00"	8.97	349.5	11.41	11.74	6.038	339.5	10	9.35	34.4	33.66	0.745	57.4	59.23	26.424	61.258	0	
"2015-01-24	10:00:00"	6.485	326.1	9.33	10.54	4.373	317.5	11.38	7.561	37.14	37.37	-0.233	55.34	54.85	26.429	171.67	0	
"2015-01-24	11:00:00"	5.099	292	26.94	8.75	3.9	277.9	29.39	6.964	39.54	40.11	-0.564	58.57	57.41	26.428	325.89	0	
"2015-01-24	12:00:00"	6.702	283.9	16.5	11.74	4.807	275.4	19.97	9.35	44.63	45.56	-0.929	51.09	49.98	26.427	404.21	0	
"2015-01-24	13:00:00"	9.08	287	12.68	14.12	6.626	281.5	14.35	12.33	48.49	49.63	-1.131	41.72	40.95	26.399	472.22	0	
"2015-01-24	14:00:00"	11.58	295.4	13.36	19.49	7.815	290	14.97	15.91	51.18	52.44	-1.258	33.15	33.12	26.364	538.7	0	
"2015-01-24	15:00:00"	11.96	283.3	14.3	17.1	8.65	278.9	15.24	14.72	52.08	53.14	-1.053	29.82	29.65	26.33	463.7	0	
"2015-01-24	16:00:00"	12.77	270.6	12.09	18.89	9.86	267	14.93	17.1	53.4	54.45	-1.05	31.56	30.82	26.302	469.16	0	
"2015-01-24	17:00:00"	12.58	265.3	11.13	18.3	9.74	261.8	13.8	14.72	54.33	54.79	-0.465	33.01	32.28	26.289	283.14	0	
"2015-01-24	18:00:00"	12.28	259.5	9.26	17.1	9.3	256.3	13.36	15.31	54.08	53.87	0.204	34.33	34.13	26.272	133.35	0	
"2015-01-24	19:00:00"	9.53	245	10.89	12.93	7.484	239.1	13.73	11.74	51.1	50.43	0.671	40.11	40.22	26.265	3.9975	0	
"2015-01-24	20:00:00"	8.78	243.3	13.09	12.33	6.386	237.9	16.33	9.95	46.85	45.9	0.951	48.93	50.04	26.265	0	0	
"2015-01-24	21:00:00"	8.98	223.6	12.54	14.12	6.864	212.8	15.66	11.14	43.54	42.96	0.583	55.57	55.81	26.232	0	0	
"2015-01-24	22:00:00"	7.166	240.3	13.05	11.74	5.455	233.8	17.73	9.95	42.12	41.4	0.725	57.73	58.4	26.223	0	0	
"2015-01-24	23:00:00"	8.2	248.6	11.56	11.74	5.726	243.7	16.03	9.95	43.03	41.72	1.307	53.62	55.87	26.237	0.0001	0	
"2015-01-25	00:00:00"	10.21	298.1	19	14.72	4.991	295.7	21.16	8.75	42.44	40.03	2.402	53.35	58.19	26.245	0.0001	0	
"2015-01-25	01:00:00"	11.74	311	5.711	15.91	5.586	307.3	9.08	9.35	40.94	39.46	1.483	53.57	56.37	26.241	0	0	
"2015-01-25	02:00:00"	10.92	313.4	7.267	14.12	5.309	310.5	10.13	9.35	40.98	39.02	1.956	49.84	53.72	26.245	0.0001	0	
"2015-01-25	03:00:00"	12.73	327.6	7.804	17.1	8.13	321.6	9.84	13.52	41	39.56	1.433	47.69	50.22	26.256	0.00019	0	
"2015-01-25	04:00:00"	15.45	340.9	7.986	21.28	11.04	333.6	9.58	18.3	42.56	41.31	1.253	45.57	47.33	26.268	0.00115	0	
"2015-01-25	05:00:00"	13.3	340.4	7.919	17.1	9.28	332.4	9.39	12.93	39.96	38.8	1.165	53.35	55.01	26.268	0	0	
"2015-01-25	06:00:00"	10.95	353.2	12.29	15.31	7.296	343.5	12.11	11.14	38.75	37.32	1.422	55.99	58.38	26.282	0	0	
"2015-01-25	07:00:00"	12.43	22.76	7.327	17.1	8.69	11.46	13.83	12.93	38.53	37.28	1.249	57.54	60.03	26.313	0.00144	0	
"2015-01-25	08:00:00"	12.05	25.72	4.4	15.31	8.29	15.8	10.87	12.33	37.12	35.89	1.228	61.84	64.44	26.336	2.7305	0	
"2015-01-25	09:00:00"	15.12	31.07	5.342	21.87	11.49	23.59	10.12	17.7	38.87	38.18	0.696	61.07	62.48	26.359	62.766	0	
"2015-01-25	10:00:00"	14.13	32.97	5.836	19.49	11.16	25.89	10.58	16.51	43.63	43.44	0.195	50.13	50.86	26.382	198.33	0	
"2015-01-25	11:00:00"	14.91	31.42	6.924	21.87	11.87	23.93	12.82	20.09	47.22	47.65	-0.432	39.24	39.57	26.416	383.09	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2015-01-25	12:00:00"	15.75	42.05	11.52	24.86	12.9	34.52	15.26	23.07	51.4	52.37	-0.968	29.46	29.44	26.434	594.63	0
"2015-01-25	13:00:00"	13.46	50.9	12.12	21.28	11.21	43.77	14.06	19.49	53.44	54.56	-1.121	26.68	26.18	26.425	615.26	0
"2015-01-25	14:00:00"	9.52	53.68	21.24	16.51	7.894	46.26	23.58	15.31	54.82	56.31	-1.495	27.92	26.77	26.407	658.5	0
"2015-01-25	15:00:00"	6.208	39.15	26.64	13.52	5.157	31.8	33.13	12.93	56.24	57.83	-1.594	27.64	25.97	26.385	600.53	0
"2015-01-25	16:00:00"	3.647	42.7	77.4	9.95	3.269	24.15	86.1	9.95	57.44	58.38	-0.936	27.06	25.32	26.392	487.25	0
"2015-01-25	17:00:00"	3.308	239.6	43.73	9.95	2.849	233	52.85	9.35	58.21	58.7	-0.492	26.82	25.3	26.386	321.32	0
"2015-01-25	18:00:00"	3.172	118	73.93	7.561	2.459	113.4	74.91	5.771	57.79	57.61	0.188	27.6	27.29	26.389	127.87	0
"2015-01-25	19:00:00"	6.101	147.5	13.31	7.561	3.282	136.3	10.69	4.578	54.57	51.24	3.34	32.09	37.12	26.394	2.1798	0
"2015-01-25	20:00:00"	4.66	174.6	20.71	8.16	2.801	145.3	29.94	5.771	50.8	48.41	2.384	36.61	39.94	26.412	0	0
"2015-01-25	21:00:00"	3.466	196.7	20.72	5.771	1.581	174.9	35.16	3.386	49.76	48.08	1.671	36.85	38.9	26.431	0	0
"2015-01-25	22:00:00"	2.43	236.9	41.13	5.175	1.713	6.173	76.13	3.386	48.26	45.01	3.256	38.7	44.01	26.436	0	0
"2015-01-25	23:00:00"	5.185	270.3	6.421	7.561	2.913	276.9	17.85	4.578	48.16	44.57	3.594	37.42	43.45	26.434	0	0
"2015-01-26	00:00:00"	6.465	271.4	8.8	9.95	3.904	278.2	21.26	7.561	46.2	43.07	3.127	39.75	46.19	26.437	0	0
"2015-01-26	01:00:00"	5.801	288.1	7.463	9.35	2.195	314.5	18.63	5.175	44.48	38.43	6.052	42.39	55.03	26.433	0	0
"2015-01-26	02:00:00"	6.91	302.3	12	9.35	2.771	308.3	14.49	5.175	44.19	38.19	5.998	43.39	55	26.416	0.0001	0
"2015-01-26	03:00:00"	10.23	314.7	2.548	12.33	4.993	319.4	7.362	6.964	43.26	36.3	6.956	44.97	60.99	26.41	0.00106	0
"2015-01-26	04:00:00"	9.17	307.5	11.35	11.74	4.244	300.9	21.94	7.561	41.33	36.76	4.57	48.2	59.3	26.405	0.01037	0
"2015-01-26	05:00:00"	8.56	295.6	5.192	9.95	4.015	288.7	8.06	5.771	39.6	36.96	2.639	52.79	58.47	26.414	0.00326	0
"2015-01-26	06:00:00"	9.1	295.6	8.4	14.12	4.485	284.5	10.74	9.35	39.04	36.84	2.2	55.21	59.85	26.415	0.00355	0
"2015-01-26	07:00:00"	8.11	309.9	11.3	10.54	3.074	301.8	16.85	5.771	38.46	35.38	3.077	56.73	63.24	26.412	0.00144	0
"2015-01-26	08:00:00"	10.37	324	2.89	11.74	5.411	324.6	7.774	8.16	39.31	35.17	4.146	53.64	63.2	26.423	1.3235	0
"2015-01-26	09:00:00"	9.23	325	5.437	11.74	5.109	319.3	8.29	7.561	40.13	38.4	1.728	52.32	57.1	26.437	67.122	0
"2015-01-26	10:00:00"	6.737	314.8	8.23	9.35	4.013	309.4	11.02	7.561	46.17	46.27	-0.097	44.91	45.48	26.445	211.47	0
"2015-01-26	11:00:00"	7.021	290.7	14.92	11.14	4.916	282.6	17.76	8.75	50.93	51.65	-0.713	37.99	37.13	26.458	332.37	0
"2015-01-26	12:00:00"	6.516	255.3	11.53	9.95	5.404	248.1	14.17	9.35	53.26	53.91	-0.646	39.08	37.82	26.468	403.71	0
"2015-01-26	13:00:00"	6.606	235.3	17.5	9.95	5.506	228.3	20.64	8.75	57.52	58.18	-0.661	33.6	32.2	26.449	448.89	0
"2015-01-26	14:00:00"	5.429	257.3	24.29	9.95	4.503	249.5	28.41	8.75	60.74	61.9	-1.161	27.08	25.29	26.412	662.17	0
"2015-01-26	15:00:00"	7.157	279.2	19.69	12.93	5.501	272.7	23.85	11.14	63.21	64.58	-1.37	23.66	21.84	26.389	554.8	0
"2015-01-26	16:00:00"	6.166	297.8	28.15	10.54	4.562	292.5	31.35	9.35	64.28	65.21	-0.937	22.73	21.16	26.383	367.38	0
"2015-01-26	17:00:00"	4.725	286.6	15.85	6.964	3.328	279.8	18.86	5.771	64.05	64.31	-0.264	22.9	22.39	26.384	207.92	0
"2015-01-26	18:00:00"	4.493	249.5	19.8	7.561	3.181	247	22.11	6.368	63.12	62.33	0.787	23.23	23.79	26.379	74.062	0
"2015-01-26	19:00:00"	4.84	216.9	16.32	6.964	3.044	214.5	21.17	5.175	57.51	56.27	1.237	35.21	35.71	26.388	2.9071	0
"2015-01-26	20:00:00"	6.262	237.1	15.17	9.35	4.261	229	20.16	8.16	55.36	54.14	1.22	38.4	39.33	26.401	0	0
"2015-01-26	21:00:00"	6.918	252.2	13.28	9.35	4.597	247.3	17.61	7.561	53.87	52.34	1.537	38.52	40.27	26.408	0	0
"2015-01-26	22:00:00"	8.69	299.7	13.07	11.14	3.931	300.7	16.13	5.771	52.86	47.95	4.913	37.62	46.03	26.401	0	0
"2015-01-26	23:00:00"	9.13	306.5	13.26	11.74	4.265	298.9	18.6	6.964	47.85	44.59	3.256	49.2	55.38	26.397	0	0
"2015-01-27	00:00:00"	9.12	297.7	16.02	12.93	4.71	292.9	19.75	7.561	45.44	43.23	2.205	54.01	58.64	26.399	0	0
"2015-01-27	01:00:00"	8.37	296.8	32.84	12.33	4.749	286.3	40.22	8.16	44.59	42.38	2.211	53.52	58.1	26.397	0	0
"2015-01-27	02:00:00"	5.901	303.5	18.33	8.75	2.602	284.9	30.61	3.982	42.55	40.02	2.529	57.34	62.09	26.389	0	0
"2015-01-27	03:00:00"	9.26	314.8	9.52	11.74	3.753	305.1	15.42	6.964	41.84	37.9	3.938	59.7	68.16	26.388	0.00173	0
"2015-01-27	04:00:00"	10.63	332.9	4.637	13.52	6.334	327	7.725	9.35	41.61	39.28	2.332	58.25	63.4	26.383	0.00077	0
"2015-01-27	05:00:00"	10.14	344.2	12.11	13.52	5.664	335.4	12.34	9.95	41.82	38.29	3.522	57.31	65.17	26.377	0.00211	0
"2015-01-27	06:00:00"	11.13	6.503	8.93	14.12	6.603	0.027	18.3	9.95	46.24	43.17	3.069	49.92	55.34	26.375	0	0
"2015-01-27	07:00:00"	10.57	11.83	3.609	12.93	5.858	4.057	15.93	8.16	47.03	43.1	3.935	49.45	56.41	26.376	0	0
"2015-01-27	08:00:00"	9.15	4.272	11.86	11.74	5.29	352.3	19.15	7.561	46.15	42.46	3.685	51.06	57.34	26.387	2.2298	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-27	09:00:00"	6.489	344.9	21.27	9.95	3.998	331.1	23.01	6.368	45.31	44.06	1.251	54.67	57.26	26.41	105.34	0
"2015-01-27	10:00:00"	5.587	321.4	25.61	9.95	4.283	310.6	26.59	7.561	48.67	49.38	-0.71	53	51.43	26.429	293.61	0
"2015-01-27	11:00:00"	3.186	22.07	53.91	5.771	2.882	14.37	56.3	5.771	59.02	59.88	-0.857	37.1	35.34	26.435	466.47	0
"2015-01-27	12:00:00"	3.172	237	22.62	5.175	2.922	230.5	25.85	5.175	62.77	63.46	-0.691	32.58	30.9	26.432	573.25	0
"2015-01-27	13:00:00"	4.843	249.9	21.81	8.75	4.169	241.6	28.66	9.35	65.31	66.41	-1.097	27.51	25.56	26.412	662.46	0
"2015-01-27	14:00:00"	5.076	241.2	32.39	9.95	4.343	229.7	39.74	8.75	67.19	68.35	-1.159	26.23	24.19	26.38	657.94	0
"2015-01-27	15:00:00"	5.217	234.3	37.16	10.54	4.363	227.3	46.93	9.95	68.76	69.85	-1.09	23.42	21.43	26.349	584.23	0
"2015-01-27	16:00:00"	5.962	244.5	34.15	12.33	4.945	236.2	37.83	11.14	70.15	71.14	-0.987	21.09	19.22	26.334	479.15	0
"2015-01-27	17:00:00"	8.49	208	19.99	13.52	6.813	200.4	23.06	12.33	70.15	70.72	-0.568	23.97	22.44	26.332	316.46	0
"2015-01-27	18:00:00"	9.19	189.1	9.16	14.72	7.021	179.5	13.03	11.74	68.86	68.46	0.398	25.06	24.44	26.328	133.02	0
"2015-01-27	19:00:00"	7.831	189.6	8.3	12.93	5.565	179.5	10.73	9.95	64.59	63.06	1.522	29.55	30.24	26.33	6.4617	0
"2015-01-27	20:00:00"	8.68	188.8	8	12.93	6.188	176.9	9.56	9.95	61.46	59.75	1.702	33.17	34.25	26.334	0	0
"2015-01-27	21:00:00"	6.272	201.3	11.97	11.14	4.107	194.3	14.62	8.16	58.25	56.89	1.357	36.87	37.62	26.337	0	0
"2015-01-27	22:00:00"	3.987	222.9	11.31	5.771	2.148	213.3	14.99	3.386	56.78	55.4	1.389	38.62	39.39	26.336	0	0
"2015-01-27	23:00:00"	5.063	234.3	11.2	7.561	3.272	226.7	13.15	5.771	56.2	55.06	1.144	40.03	40.64	26.335	0	0
"2015-01-28	00:00:00"	5.704	243	7.805	8.16	3.565	237.4	10.7	5.175	55.06	53.65	1.417	41.84	43.22	26.333	0	0
"2015-01-28	01:00:00"	6.903	254.6	6.97	9.35	4.207	257.1	9.05	6.964	53.96	51.61	2.348	44.07	48.05	26.325	0	0
"2015-01-28	02:00:00"	7.009	240.1	8.7	9.95	4.588	235.8	11.24	8.16	52.55	51.36	1.191	47.67	48.81	26.314	0	0
"2015-01-28	03:00:00"	5.749	248.2	9.29	8.16	3.621	245.7	13.21	5.771	52.36	50.78	1.574	48.3	50.16	26.313	0	0
"2015-01-28	04:00:00"	5.152	248.5	7.941	6.964	3.227	244.4	14.25	5.175	51.48	49.65	1.833	50.3	52.5	26.305	0	0
"2015-01-28	05:00:00"	6.767	265.2	10.39	9.95	4.08	267.7	12.68	8.16	52.18	49.71	2.47	54.1	57.06	26.304	0	0
"2015-01-28	06:00:00"	5.377	239.8	27.94	8.75	2.989	233	55.9	6.964	52.49	49.24	3.247	57.07	60.8	26.294	0	0
"2015-01-28	07:00:00"	7.12	265.4	21.31	10.54	4.252	265.4	21.82	8.16	51.21	48.94	2.267	61.05	64	26.302	0	0
"2015-01-28	08:00:00"	5.349	284.7	15.07	8.16	2.5	284.2	24.8	3.982	50.41	45	5.416	62.91	71.34	26.304	3.506	0
"2015-01-28	09:00:00"	4.445	283	12.41	6.368	1.967	292.9	20.98	3.982	50.82	48.36	2.46	61.96	67.82	26.317	75.32	0
"2015-01-28	10:00:00"	4.436	250.6	28.06	8.16	3.289	243.5	36.98	6.964	50.99	50.58	0.404	63.52	64.8	26.324	245.27	0
"2015-01-28	11:00:00"	8.51	274.8	21.34	17.7	6.172	267.6	24.55	15.31	56.54	57.3	-0.761	55.73	53.74	26.35	308.1	0
"2015-01-28	12:00:00"	9.69	271.1	17.48	18.3	7.531	264.9	19.41	15.31	62.1	63.43	-1.33	44.62	41.96	26.333	574.32	0
"2015-01-28	13:00:00"	11.22	285	13.17	18.89	8.26	280.1	15.06	15.31	68.02	69.7	-1.677	36.03	33.41	26.298	661.75	0
"2015-01-28	14:00:00"	12.19	273.4	13.49	20.09	9.41	268.2	15.36	17.1	70.93	72.52	-1.599	30.4	27.93	26.269	667.04	0
"2015-01-28	15:00:00"	13.15	293.5	15.23	20.68	8.91	288.7	16.74	16.51	72.59	74.28	-1.69	28.74	26.24	26.249	591.01	0
"2015-01-28	16:00:00"	14.18	294.5	14.2	21.28	9.31	289.8	15.81	17.7	73.14	74.49	-1.348	28.81	26.49	26.235	483.86	0
"2015-01-28	17:00:00"	14.96	274.4	14.51	24.26	11.42	270.2	16.07	20.68	73.74	74.33	-0.591	28.18	26.32	26.228	309.53	0
"2015-01-28	18:00:00"	9.51	270.9	11.63	17.7	7.036	267.7	13.24	14.12	73.1	72.83	0.274	28.78	27.68	26.228	130.32	0
"2015-01-28	19:00:00"	4.684	238.8	16.98	6.964	3.076	232.1	22.2	5.175	69.33	67.95	1.378	33.42	33.44	26.236	4.4066	0
"2015-01-28	20:00:00"	5.529	248.9	37.13	8.75	3.106	250.8	59.73	6.964	65.89	62.16	3.732	37.25	40.95	26.25	0	0
"2015-01-28	21:00:00"	6.664	278.3	8.98	9.35	3.571	282.3	16.24	6.368	65.12	61.26	3.855	36.77	41.2	26.278	0	0
"2015-01-28	22:00:00"	5.421	302.1	19.5	7.561	2.426	306.1	42.59	3.982	60.67	56.89	3.776	39.3	44.81	26.289	0	0
"2015-01-28	23:00:00"	8.99	320.7	6.568	11.14	4.176	328.7	19.93	6.368	59.03	52.33	6.7	40.97	51.83	26.29	0	0
"2015-01-29	00:00:00"	7.923	311.1	29.33	12.33	4.627	313.3	43.22	11.14	57.54	53.21	4.334	43.11	50.05	26.296	0	0
"2015-01-29	01:00:00"	6.599	191.3	82.9	14.12	3.875	178	82.2	10.54	53.88	50.28	3.597	49.61	55.63	26.305	0	0
"2015-01-29	02:00:00"	3.983	122.5	37.02	6.368	2.832	62.94	52.39	5.771	57.43	51.24	6.192	44.6	53.28	26.309	0	0
"2015-01-29	03:00:00"	3.732	92.8	37.66	5.771	3.886	12.36	14.07	6.368	56.14	44.02	12.12	51.92	67.74	26.312	0	0
"2015-01-29	04:00:00"	6.538	36.22	4.46	9.95	5.084	14.71	6.351	6.368	52.79	43.11	9.68	55.13	70.33	26.316	0	0
"2015-01-29	05:00:00"	7.705	33.77	17.98	12.93	5.302	13.48	12.6	8.16	49.64	44.33	5.31	58.41	67.64	26.323	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-29	06:00:00"	11.45	26.26	9.36	17.7	7.493	16.43	14.09	13.52	44.76	43.13	1.628	66.64	70.18	26.35	0	0
"2015-01-29	07:00:00"	12.92	28.05	6.69	23.66	8.57	18.39	12.9	20.09	46.14	44.37	1.769	61.72	65.65	26.369	0	0
"2015-01-29	08:00:00"	19.5	44.97	9.06	30.22	15.73	38.27	11.38	23.07	47.01	46.38	0.63	56.51	57.05	26.413	3.7181	0
"2015-01-29	09:00:00"	19.36	55.16	7.414	28.43	15.81	48.34	8.57	24.26	46.73	46.49	0.236	55.73	55.53	26.443	76.438	0
"2015-01-29	10:00:00"	21.83	50.51	7.602	30.82	17.95	44.21	8.71	29.63	48.66	48.7	-0.043	52.13	51.36	26.474	171.04	0
"2015-01-29	11:00:00"	23.02	55.78	8.96	33.21	18.78	48.6	10.34	27.84	51.29	51.74	-0.446	46.6	44.99	26.51	292.08	0
"2015-01-29	12:00:00"	21.46	52.99	9.09	30.82	17.42	45.78	10.44	27.84	52.7	53.5	-0.801	45.31	43.18	26.528	394.12	0
"2015-01-29	13:00:00"	21.94	55.42	9.78	32.01	17.97	48.44	11.14	26.65	53.91	54.74	-0.831	41.89	39.64	26.525	354.87	0
"2015-01-29	14:00:00"	19.24	56.2	11.72	28.43	15.62	49.88	13.15	23.66	54.73	55.63	-0.902	39.04	37.08	26.52	384.44	0
"2015-01-29	15:00:00"	17	52.67	15.03	24.86	13.77	46.27	17.16	22.47	55.53	56.64	-1.107	37.72	35.54	26.529	402.08	0
"2015-01-29	16:00:00"	17.89	52.55	9.52	27.24	14.71	45.7	10.97	24.86	54.8	55.32	-0.518	36.29	34.69	26.525	194.03	0
"2015-01-29	17:00:00"	19.19	60.92	9.55	30.22	15.3	54.28	10.98	23.66	54.88	55.2	-0.311	33.67	32.25	26.524	151.55	0
"2015-01-29	18:00:00"	18.28	62.96	8.46	27.24	14.32	56.38	10.61	23.66	53.72	53.65	0.072	32.72	31.61	26.534	41.479	0
"2015-01-29	19:00:00"	13.95	64.84	8.77	20.68	10.91	58.26	10.16	17.7	52.26	52.02	0.241	31.67	30.82	26.558	2.2084	0
"2015-01-29	20:00:00"	12.99	69.02	7.923	20.09	9.75	63.57	10.75	16.51	50.79	50.57	0.217	33.13	32.38	26.573	0	0
"2015-01-29	21:00:00"	13.97	72	8.08	20.09	10.36	66.49	10.48	15.91	49.31	49.1	0.202	34.33	33.76	26.584	0	0
"2015-01-29	22:00:00"	9.66	69.74	9.24	15.91	6.993	64.24	11.61	14.72	47.07	46.68	0.385	43.81	45.42	26.601	0	0
"2015-01-29	23:00:00"	9.52	79.48	9.08	13.52	6.88	72.86	10.16	11.14	44.48	44.13	0.355	55.99	58.04	26.601	0	0
"2015-01-30	00:00:00"	8.52	68.94	8.09	11.74	5.976	61.59	10.22	8.75	42.46	42.06	0.394	65.02	68.63	26.597	0	0.01
"2015-01-30	01:00:00"	8.34	68.79	7.314	12.33	5.807	61.72	9.73	9.95	41.48	41.13	0.347	69.18	72.86	26.585	0.00029	0.01
"2015-01-30	02:00:00"	11.59	79.19	9.15	16.51	8.64	72.05	10.26	12.33	40.86	40.59	0.274	66.96	69.41	26.562	0.00019	0
"2015-01-30	03:00:00"	10.42	82.2	9.52	14.12	7.806	75.85	10.42	12.33	40.24	40.08	0.16	68.3	69.86	26.558	0.00019	0
"2015-01-30	04:00:00"	7.166	83.4	11.37	11.14	5.265	76.35	12.2	8.75	39.71	39.67	0.04	70.49	71.55	26.545	0.00019	0
"2015-01-30	05:00:00"	7.032	62.89	8.72	11.14	5.418	55.37	10.62	9.35	39.93	39.84	0.088	65.45	67.23	26.535	0	0
"2015-01-30	06:00:00"	9.45	70.42	8.32	15.91	6.998	64.31	10.94	12.33	39.64	39.53	0.115	62.69	64.23	26.523	0	0
"2015-01-30	07:00:00"	10.97	71.79	8	18.3	8.13	66.08	10.68	14.12	39.15	39.02	0.124	60.21	61.4	26.518	0	0
"2015-01-30	08:00:00"	10.94	78.21	7.341	16.51	8.44	72.76	9.09	13.52	38.4	38.31	0.086	61.33	62.05	26.526	0.31699	0
"2015-01-30	09:00:00"	9.82	85.3	9.77	16.51	7.547	77.98	11.12	13.52	38.35	38.37	-0.021	62.37	62.92	26.533	12.326	0
"2015-01-30	10:00:00"	13.29	90.8	8.22	19.49	10.29	83.3	10.03	15.31	38.23	38.33	-0.1	61.51	61.97	26.524	40.162	0
"2015-01-30	11:00:00"	13.33	94.4	8.56	18.3	10.4	86.4	10.17	14.72	38.45	38.78	-0.328	62.23	62.59	26.521	116.3	0
"2015-01-30	12:00:00"	12.57	94.3	9.23	17.7	9.9	87	10.98	14.72	39.22	39.82	-0.596	62.33	62.57	26.503	225.21	0
"2015-01-30	13:00:00"	10.88	99.1	11.7	16.51	8.84	92.1	13.16	14.12	40.84	41.53	-0.696	59.76	59.21	26.473	225.87	0
"2015-01-30	14:00:00"	9.81	113.8	15.93	15.31	8.09	106.7	17.7	13.52	41.95	42.66	-0.714	57.85	56.88	26.438	214.12	0
"2015-01-30	15:00:00"	8.23	133	15.64	13.52	6.625	125.8	17.27	11.74	42.44	42.98	-0.54	57.84	56.95	26.415	106.54	0
"2015-01-30	16:00:00"	8.94	128.7	11.62	15.31	7.153	122.2	13.51	13.52	43.05	43.51	-0.464	57.24	56.44	26.386	96.275	0
"2015-01-30	17:00:00"	9.93	125.5	9.56	13.52	7.793	118.7	12.04	11.74	43.1	43.38	-0.28	58.15	57.55	26.369	41.72	0
"2015-01-30	18:00:00"	10.53	122.7	7.952	14.72	8.26	116.2	10.49	12.33	42.91	43.07	-0.152	59.57	59.01	26.355	21.719	0
"2015-01-30	19:00:00"	10.88	119.5	10.3	14.72	8.47	112.2	12.39	12.93	42.67	42.68	-0.012	60.52	60.14	26.343	1.046	0
"2015-01-30	20:00:00"	10.03	119.7	9.92	15.31	7.699	112.4	11.85	12.93	42.35	42.24	0.107	61.38	61.93	26.346	0	0
"2015-01-30	21:00:00"	7.251	99.6	8.7	9.95	5.121	90.8	10.5	8.16	40.36	40.16	0.196	73.6	75.91	26.333	0.18747	0.02
"2015-01-30	22:00:00"	7.238	98.4	6.606	9.95	5.34	89.4	7.872	8.75	39.96	39.86	0.101	77.6	79.15	26.329	0.08932	0
"2015-01-30	23:00:00"	7.748	96	6.314	13.52	5.744	87.4	8.1	11.14	39.8	39.74	0.058	80.2	81.2	26.318	0.2885	0.05
"2015-01-31	00:00:00"	11.42	96.1	6.314	17.7	8.75	88.1	7.941	13.52	39.6	39.56	0.033	81.3	81.9	26.299	0.32697	0
"2015-01-31	01:00:00"	10.94	96.6	7.182	15.91	8.33	88.5	8.7	12.93	39.49	39.49	0.004	83	83.3	26.282	0.32534	0.04
"2015-01-31	02:00:00"	9.45	102.1	9.6	15.91	7.36	93.7	10.85	14.72	39.04	39.08	-0.04	83.9	84.1	26.264	0.34424	0.03

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-01-31	03:00:00"	10.69	100.5	6.923	15.91	8.37	92.3	7.956	12.33	38.47	38.57	-0.109	86	85.8	26.232	0.34539	0.04
"2015-01-31	04:00:00"	11.71	107.7	8.58	17.1	9.32	100.3	10.41	13.52	38.1	38.22	-0.121	87.1	86.6	26.204	0.34443	0.08
"2015-01-31	05:00:00"	11.61	116.5	8.14	18.3	9.22	110.6	10.46	15.31	38.15	38.26	-0.107	87.7	87.1	26.185	0.33666	0.08
"2015-01-31	06:00:00"	11.89	120.7	8.13	18.3	9.29	115.3	10.87	14.72	38.72	38.8	-0.082	88.1	87.6	26.157	0.34338	0.06
"2015-01-31	07:00:00"	11.9	134.2	15.4	18.3	9.31	128.9	15.83	15.31	39.51	39.57	-0.051	88.5	87.9	26.144	0.3452	0.02
"2015-01-31	08:00:00"	9.85	143.6	8.4	15.31	7.762	137.9	9.48	12.93	40.54	40.55	-0.014	88.4	87.9	26.146	0.53286	0
"2015-01-31	09:00:00"	9.58	152.4	11.16	14.12	7.601	146.5	12.03	11.74	41.55	41.55	-0.001	88.5	88	26.144	7.3948	0
"2015-01-31	10:00:00"	10.41	158.8	10.48	15.91	8.28	152.6	11.3	12.93	42.14	42.2	-0.061	89	88.5	26.151	15.326	0
"2015-01-31	11:00:00"	8.71	158.7	10.27	14.12	6.985	153.1	11.5	11.74	42.51	42.65	-0.143	89.7	89.1	26.151	43.38	0.01
"2015-01-31	12:00:00"	8.47	168.2	9.12	11.74	6.703	162.2	10.89	9.95	43.38	43.59	-0.213	90	89.5	26.143	68.094	0
"2015-01-31	13:00:00"	10.36	178.2	8.48	14.72	8.1	173.5	11.69	12.33	44.6	44.85	-0.247	90.3	89.7	26.116	81.065	0
"2015-01-31	14:00:00"	10.24	190.9	9.59	13.52	7.928	188.6	13.57	11.74	45.2	45.44	-0.241	90.3	89.5	26.086	72.694	0
"2015-01-31	15:00:00"	8.53	197.1	13.41	12.93	6.815	192.8	15.58	11.14	45.65	45.89	-0.236	90.3	89.6	26.065	75.65	0
"2015-01-31	16:00:00"	7.355	194	15.02	11.74	5.813	190.1	17.35	9.35	46.33	46.65	-0.324	90.5	89.8	26.047	101.03	0
"2015-01-31	17:00:00"	6.012	199.6	17	9.95	4.887	192.9	19.15	9.95	46.74	46.97	-0.232	90.4	89.4	26.041	59.161	0
"2015-01-31	18:00:00"	5.802	191.5	12.75	8.75	4.643	186	15.02	7.561	47.11	47.25	-0.148	89.5	88.7	26.041	24.354	0
"2015-01-31	19:00:00"	5.147	190	8.95	7.561	4.003	186.1	12.38	6.368	47.28	47.28	0.003	89	88.4	26.05	1.0379	0
"2015-01-31	20:00:00"	5.586	197.5	14.79	9.95	4.244	194.8	19.86	8.16	47.3	47.2	0.099	89	88.4	26.058	0	0
"2015-01-31	21:00:00"	6.565	205.4	15.39	11.14	5.086	201.2	17.44	10.54	46.85	46.63	0.226	89.1	88.6	26.062	0.12698	0
"2015-01-31	22:00:00"	6.512	218.5	14.27	12.93	5.14	217.6	17.18	11.74	47.09	47	0.094	89.1	88.5	26.064	0.22595	0
"2015-01-31	23:00:00"	6.423	227.7	11.53	11.74	5.359	225.8	14.22	9.95	46.48	46.35	0.126	89.9	89.3	26.068	0.29874	0
"2015-02-01	00:00:00"	4.473	219.9	18.83	8.75	3.518	208.8	29.88	6.964	44.24	44.12	0.123	89.9	89.3	26.069	0.34526	0
"2015-02-01	01:00:00"	6.554	225.8	14.04	10.54	5.224	229.5	17.02	8.75	45.28	45.2	0.076	90.4	90	26.071	0.34527	0
"2015-02-01	02:00:00"	8.99	229.2	12.3	15.31	7.484	232.9	15.52	12.33	45.94	45.93	0.008	90.5	90	26.065	0.34526	0
"2015-02-01	03:00:00"	7.897	239.8	11.08	11.74	6.353	245.2	13.44	11.14	45.21	45.23	-0.025	90.4	90	26.063	0.34526	0
"2015-02-01	04:00:00"	8.71	257.5	13.67	12.33	6.814	265.1	15.7	11.14	43.45	43.54	-0.084	90.2	89.7	26.067	0.34526	0
"2015-02-01	05:00:00"	7.487	307.8	15.14	12.33	4.705	309.9	14.44	9.95	41.09	41.12	-0.031	89.8	89.3	26.07	0.3453	0
"2015-02-01	06:00:00"	5.75	249.8	32.32	8.16	4.436	252.7	34.63	7.561	39.22	39.21	0.005	89.5	89.1	26.079	0.34539	0
"2015-02-01	07:00:00"	4.071	255.6	26.13	6.368	2.979	260.2	29.05	5.771	37.5	37.4	0.104	89.2	88.8	26.098	0.34539	0
"2015-02-01	08:00:00"	3.377	311.9	69.91	6.368	2.541	310.9	77.55	5.771	36.94	36.05	0.888	89.2	88.6	26.139	3.3243	0
"2015-02-01	09:00:00"	11.62	16.95	14.4	24.86	8.48	15.52	12.4	19.49	39.31	38.26	1.057	89.6	89.3	26.181	58.806	0
"2015-02-01	10:00:00"	17.94	39.87	7.266	28.43	14.54	34.17	9.72	24.26	40.16	40.52	-0.357	89.7	89.4	26.217	150.38	0
"2015-02-01	11:00:00"	19.98	44.86	10.1	28.43	16.27	38.58	11.88	25.45	41.44	42.71	-1.272	89.5	88.6	26.248	195.82	0
"2015-02-01	12:00:00"	20.02	49.39	8.08	27.84	16.39	42.75	9.42	24.26	42.8	44.25	-1.442	76.47	79.7	26.264	290.31	0
"2015-02-01	13:00:00"	18.8	47.26	9.55	24.86	15.41	40.78	11.39	21.87	44.89	45.66	-0.773	68.96	68.96	26.273	336.92	0
"2015-02-01	14:00:00"	18.79	45.4	11.37	26.05	15.42	38.99	13.12	23.07	46.11	47.08	-0.975	62.84	62.53	26.278	443.55	0
"2015-02-01	15:00:00"	15.06	48.47	12.88	23.07	12.42	41.9	15.24	20.68	46.85	48.11	-1.263	59.46	58.86	26.283	524.06	0
"2015-02-01	16:00:00"	11.3	64.59	16.57	18.3	9.33	58.42	18.36	16.51	48.08	49.3	-1.222	55.05	53.96	26.29	514.96	0
"2015-02-01	17:00:00"	10.36	64.77	19.79	19.49	8.47	59.23	20.76	15.31	48.01	48.91	-0.9	54.02	53.1	26.306	324.26	0
"2015-02-01	18:00:00"	9.64	75.73	15.41	15.31	7.561	68.92	16.54	12.93	47.04	47.43	-0.387	56.11	55.65	26.323	149.9	0
"2015-02-01	19:00:00"	7.305	78.52	6.635	10.54	4.595	71	8.94	7.561	43.85	43.13	0.714	61.91	63.59	26.331	7.4953	0
"2015-02-01	20:00:00"	8.63	68.51	8.04	12.33	5.645	61.47	10.39	9.35	40.45	39.65	0.798	68.6	70.91	26.356	0	0
"2015-02-01	21:00:00"	9.33	72.11	12.33	13.52	6.14	64.99	13.87	9.95	38.97	38.19	0.778	71.95	73.86	26.375	0.00355	0
"2015-02-01	22:00:00"	9.75	80.3	8.27	13.52	6.901	72.96	9.63	10.54	37.81	37.37	0.437	74.34	75.19	26.387	0.00336	0
"2015-02-01	23:00:00"	12.41	86.2	7.392	20.68	9.43	78.79	8.64	18.3	38.37	38.21	0.162	70.82	71.22	26.403	0.00096	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-02	00:00:00"	14.34	91.6	7.078	21.28	11.01	83.1	9.05	18.3	37.48	37.47	0.018	64.08	64.4	26.409	0.0001	0	
"2015-02-02	01:00:00"	11.57	99.9	7.614	18.89	9.13	92	8.9	15.31	35.99	36.06	-0.067	63.58	63.93	26.436	0.00326	0	
"2015-02-02	02:00:00"	11.94	105.6	9.42	20.68	9.43	97.6	10.91	16.51	34.41	34.51	-0.104	61.21	61.49	26.438	0.02946	0	
"2015-02-02	03:00:00"	10.06	110.7	8.79	16.51	7.993	102.6	10.06	13.52	33.4	33.52	-0.122	60.79	61.19	26.435	0.05758	0	
"2015-02-02	04:00:00"	8.71	125	8.18	13.52	6.662	117.9	10.63	11.74	32.77	32.79	-0.013	62.93	63.58	26.423	0.0404	0	
"2015-02-02	05:00:00"	6.101	135.8	8.71	9.95	4.369	127.7	9.88	8.16	31.44	31.3	0.138	63.88	65.4	26.417	0.09002	0	
"2015-02-02	06:00:00"	5.802	162.4	13.6	9.35	4.303	152.8	14.7	7.561	30.4	30.19	0.218	66.2	67.42	26.41	0.11729	0	
"2015-02-02	07:00:00"	6.994	169.1	9.61	10.54	5.264	158.6	7.809	8.16	29.81	29.58	0.233	67.17	68.22	26.406	0.10071	0	
"2015-02-02	08:00:00"	8.19	179.2	8.78	11.14	6.263	169.2	8.16	9.35	30.44	30.43	0.011	67.76	68.51	26.412	1.7081	0	
"2015-02-02	09:00:00"	11.23	194.8	9.69	17.7	8.71	187.2	13.62	15.31	32.05	32.16	-0.105	62.37	62.67	26.413	62.005	0	
"2015-02-02	10:00:00"	13.04	199.4	11.02	20.09	10.36	191.5	13.61	17.1	33.43	33.98	-0.552	55.45	55.23	26.418	282.19	0	
"2015-02-02	11:00:00"	15.16	186.9	8.55	20.68	11.87	176.1	11.73	17.7	35.67	36.7	-1.03	43.6	43.78	26.411	481.56	0	
"2015-02-02	12:00:00"	16.03	190.8	10.44	23.66	12.58	181.8	14.57	20.09	38.54	39.93	-1.385	40.33	39.77	26.394	613.96	0	
"2015-02-02	13:00:00"	16.85	195.3	11.46	24.86	13.28	187	14.96	21.28	41.18	42.7	-1.523	42	40.33	26.367	684.18	0	
"2015-02-02	14:00:00"	16.67	199.1	12.6	24.26	13.22	191.1	15.66	21.87	43.59	45.16	-1.565	42.53	40.25	26.324	693.84	0	
"2015-02-02	15:00:00"	14.79	209.7	14.57	23.07	11.86	201.6	16.57	20.68	46.3	47.67	-1.362	43.64	41.09	26.279	621.67	0	
"2015-02-02	16:00:00"	15.02	211.9	13.8	23.66	12.05	203.9	16.32	18.89	48.29	49.34	-1.047	47.96	45.43	26.252	514.83	0	
"2015-02-02	17:00:00"	17.71	202.5	11.82	25.45	13.8	195.9	14.12	21.28	50.11	50.8	-0.694	50.34	48.3	26.25	346	0	
"2015-02-02	18:00:00"	14.42	205.4	9.8	24.26	11.3	197.2	11.71	19.49	50.75	50.82	-0.063	50.79	49.63	26.252	143.07	0	
"2015-02-02	19:00:00"	11.75	195.8	9.07	20.09	8.99	188.8	13.11	17.1	48.77	48.31	0.459	51.5	51.56	26.257	11.17	0	
"2015-02-02	20:00:00"	8.87	192.8	8.03	14.72	6.473	185.5	11.52	11.14	45.07	44.42	0.652	53.59	54.53	26.263	0	0	
"2015-02-02	21:00:00"	7.388	191.9	8.74	10.54	5.115	184.4	13.04	8.16	43.48	42.68	0.798	55.18	56.93	26.27	0	0	
"2015-02-02	22:00:00"	7.128	186.9	8.27	10.54	4.984	177.4	13.18	8.75	42.16	41.45	0.712	57.38	59.31	26.268	0	0	
"2015-02-02	23:00:00"	6.813	191.5	9.38	10.54	4.951	182.8	13.68	9.35	40.7	40.22	0.478	60.09	61.32	26.263	0	0	
"2015-02-03	00:00:00"	5.276	97.5	41.95	8.16	3.526	74.38	36.27	6.964	39.21	37.5	1.713	64.09	68.93	26.266	0.00144	0	
"2015-02-03	01:00:00"	6.69	84.7	12.38	8.75	3.834	65.94	13.74	5.771	36.91	35.38	1.527	70.54	74.94	26.264	0.01075	0	
"2015-02-03	02:00:00"	6.935	69.58	11.67	8.75	4.22	54.46	12.89	6.368	36.38	35.07	1.302	70.53	74.51	26.246	0.0119	0	
"2015-02-03	03:00:00"	5.745	87.6	21.14	8.16	3.113	70.73	33.79	5.771	35.77	34.49	1.28	71.38	74.97	26.238	0.03272	0	
"2015-02-03	04:00:00"	5.621	118.6	12.87	8.16	2.518	83.8	30.33	4.578	35.32	32.59	2.725	73.12	78.32	26.236	0.12313	0	
"2015-02-03	05:00:00"	5.083	173.9	24.81	9.95	3.172	164.5	40.57	7.561	35.11	34.06	1.045	72.89	75.24	26.233	0.13868	0	
"2015-02-03	06:00:00"	3.798	260.2	26.3	7.561	2.375	292.2	25.4	4.578	34.29	31.6	2.692	75.92	79.52	26.243	0.13743	0	
"2015-02-03	07:00:00"	5.559	296.5	14.84	8.16	2.27	313	6.84	4.578	34.44	29.97	4.472	74.86	81.9	26.246	0.15031	0	
"2015-02-03	08:00:00"	3.617	266.7	23.59	5.175	2.003	311.7	11.73	3.386	35.06	32.19	2.87	73.28	78.53	26.264	1.5121	0	
"2015-02-03	09:00:00"	4.288	257.6	17.59	7.561	2.561	281.2	38.3	6.368	35.73	33.34	2.393	70.95	76.72	26.277	51.21	0	
"2015-02-03	10:00:00"	6.128	231.2	15.13	11.14	5.009	224.9	18.33	9.35	37.73	38.14	-0.406	68.77	68.55	26.296	292.65	0	
"2015-02-03	11:00:00"	5.667	254.4	23.82	8.16	4.782	246.7	26.75	8.16	43.3	44.41	-1.117	63.27	61.16	26.298	482.52	0	
"2015-02-03	12:00:00"	4.744	251.6	22.45	6.964	4.124	244.7	24.14	6.368	50.67	51.73	-1.058	54.64	52.22	26.287	583.6	0	
"2015-02-03	13:00:00"	5.609	223.2	26.82	10.54	4.868	216.7	30.38	9.95	56.67	57.9	-1.229	43.14	40.77	26.262	716.71	0	
"2015-02-03	14:00:00"	7.824	210.8	19.72	14.12	6.424	202.7	24.54	12.93	59.04	60.41	-1.365	37.31	35.18	26.227	713.32	0	
"2015-02-03	15:00:00"	13.08	191.8	12.03	18.89	10.44	182.9	16.03	17.1	58.38	60.01	-1.634	40.18	37.78	26.197	632.5	0	
"2015-02-03	16:00:00"	12.27	195	11.25	18.3	9.8	186.8	14.91	16.51	58.6	59.89	-1.289	38.16	36.2	26.194	516.56	0	
"2015-02-03	17:00:00"	13.29	191.9	9.08	18.89	10.48	183.4	13.74	17.1	59.11	59.91	-0.8	40.13	38.36	26.186	359.88	0	
"2015-02-03	18:00:00"	13.32	195.1	9.01	18.3	10.25	187.8	13.15	15.31	57.77	57.86	-0.088	46.1	44.92	26.179	162.33	0	
"2015-02-03	19:00:00"	9.53	200.2	9.03	13.52	7.093	193.9	11.79	11.14	54.5	53.92	0.583	54.1	54.05	26.187	11.84	0	
"2015-02-03	20:00:00"	8.66	196.6	7.03	12.93	6.077	192.9	11.03	9.35	49.52	48.75	0.762	65.45	66.14	26.192	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-03	21:00:00"	9.67	193.8	8.01	14.12	7.266	187.7	11.72	11.74	46.81	46.31	0.499	69.57	69.95	26.199	0	0
"2015-02-03	22:00:00"	8.21	205.5	10.72	12.33	6.311	197.8	11.1	10.54	43.65	43.32	0.328	74.52	74.4	26.204	0	0
"2015-02-03	23:00:00"	7.678	214.2	10.71	10.54	6.106	201.2	10.9	8.75	41.66	41.47	0.192	81.1	80.6	26.199	0	0
"2015-02-04	00:00:00"	7.314	224.6	13.26	11.14	5.782	216.3	15.48	9.35	40.46	40.31	0.151	84.2	83.6	26.19	0.00029	0
"2015-02-04	01:00:00"	7.384	238.4	11.95	9.95	5.875	235.2	15.4	8.75	39.84	39.66	0.175	86.8	86.1	26.178	0.08807	0
"2015-02-04	02:00:00"	8.45	240.2	11.89	12.93	6.709	241.5	14.26	10.54	39.36	39.2	0.163	87.5	86.9	26.166	0.20205	0
"2015-02-04	03:00:00"	7.795	240.9	11.23	11.74	6.565	241.6	13.05	10.54	37.29	37.44	-0.142	88.4	87.9	26.162	0.34539	0
"2015-02-04	04:00:00"	7.055	255.3	7.731	9.35	5.564	257.5	11.76	8.16	35.42	35.52	-0.1	88.4	87.9	26.153	0.34541	0
"2015-02-04	05:00:00"	6.438	255.3	8.06	9.35	5.004	248.7	12.16	8.16	34.96	34.64	0.327	88.5	88	26.143	0.34546	0
"2015-02-04	06:00:00"	6.564	262.8	8.14	10.54	4.485	249.5	9.03	6.964	37.36	35.54	1.818	88.7	88.1	26.131	0.3455	0
"2015-02-04	07:00:00"	6.353	266.6	6.365	7.561	3.987	256.5	9.89	5.771	38.25	35.73	2.513	86.3	87.3	26.133	0.34547	0
"2015-02-04	08:00:00"	5.159	232.3	16.53	6.964	3.779	228.8	21.02	6.368	35.27	34.7	0.568	86.6	86.8	26.137	4.4944	0
"2015-02-04	09:00:00"	5.296	224.6	14.52	7.561	4.298	221.7	17.14	6.964	35.68	35.67	0.006	86.4	86.5	26.156	121.97	0
"2015-02-04	10:00:00"	5.407	221.7	12.94	8.16	4.661	217.3	14.32	7.561	41.25	41.54	-0.291	84.1	84.1	26.178	314.11	0
"2015-02-04	11:00:00"	6.614	236.9	18.61	11.14	5.676	230.6	21.26	9.35	49.73	50.46	-0.737	70.63	69.32	26.183	493.21	0
"2015-02-04	12:00:00"	13.36	272.1	39.8	28.43	8.73	265.7	42.07	21.28	62.05	63.09	-1.035	41.8	40.19	26.175	630.91	0
"2015-02-04	13:00:00"	20.84	308.4	9.66	30.82	12.09	302.7	12.06	23.07	66.86	68.26	-1.398	27.61	25.72	26.171	707.81	0
"2015-02-04	14:00:00"	19.95	314.4	14.19	29.63	12.75	308.9	15.59	23.66	68.74	70.31	-1.571	25.81	23.7	26.153	697.44	0
"2015-02-04	15:00:00"	18.86	321.8	12.03	27.24	12.42	315.3	13.43	21.87	69.41	70.97	-1.562	24.77	22.64	26.142	626.76	0
"2015-02-04	16:00:00"	16.46	332.2	13.97	25.45	11.76	325	15.16	21.87	70.12	71.55	-1.436	25.15	23.02	26.148	529.65	0
"2015-02-04	17:00:00"	18.94	8.91	28.36	45.73	14.94	359.8	31.79	41.56	67.91	68.94	-1.031	27.02	25.07	26.168	342.9	0
"2015-02-04	18:00:00"	29.23	41.92	8.41	41.56	23.98	34.96	10.71	35.59	49.39	49.9	-0.513	46.86	44.79	26.236	129.98	0
"2015-02-04	19:00:00"	29.34	41.3	7.415	40.96	24.02	34.62	9.83	37.38	39.07	39.37	-0.292	59.63	57.94	26.274	9.3125	0
"2015-02-04	20:00:00"	30.74	40.96	7.23	42.15	25.1	34.55	9.82	36.78	33.52	33.92	-0.396	69.84	68.12	26.32	0.00029	0
"2015-02-04	21:00:00"	25.33	45.94	7.891	36.19	20.58	39.36	9.66	30.82	32.41	32.84	-0.433	75.23	73.43	26.365	0.00346	0
"2015-02-04	22:00:00"	23.76	43.06	8.19	33.8	19.26	36.57	10.29	29.63	30.61	31.07	-0.458	78.99	77.24	26.415	0.02697	0
"2015-02-04	23:00:00"	18.69	29.94	9.29	31.42	14.87	22.64	16.65	24.26	29.75	30.19	-0.434	80.2	78.61	26.47	0.05653	0
"2015-02-05	00:00:00"	16.32	20.92	9.15	23.07	12.69	12.67	20.9	20.68	29.29	29.67	-0.381	81	79.71	26.484	0.13995	0
"2015-02-05	01:00:00"	13.22	15	9.79	20.09	10.31	6.175	23.74	17.1	28.72	29.01	-0.292	82.4	81.8	26.5	0.16954	0
"2015-02-05	02:00:00"	11.88	13.16	8.42	15.91	9.13	4.022	25.44	14.12	28.27	28.57	-0.296	83.2	82.6	26.502	0.22418	0
"2015-02-05	03:00:00"	10.96	17.42	7.881	15.91	8.58	8.73	20.84	13.52	28.39	28.71	-0.315	82.1	81.3	26.491	0.19451	0
"2015-02-05	04:00:00"	10.89	19.15	7.744	15.31	8.48	10.47	22.33	12.93	28.18	28.48	-0.306	82.8	82.3	26.475	0.21054	0
"2015-02-05	05:00:00"	10.03	13.96	8.83	14.72	7.795	4.673	24.74	12.33	28.24	28.49	-0.25	83.8	83.4	26.47	0.2501	0
"2015-02-05	06:00:00"	8.56	19.73	8.29	12.93	6.726	10.87	17.86	11.14	28.28	28.57	-0.292	83.6	83.3	26.471	0.24145	0
"2015-02-05	07:00:00"	6.494	24.35	9.46	9.95	5.221	16.55	16.58	8.75	28.4	28.73	-0.327	84.1	83.7	26.48	0.27669	0
"2015-02-05	08:00:00"	4.597	347.9	32.52	8.16	3.531	340	28.39	7.561	28.93	29.16	-0.236	82.5	82.4	26.49	1.6531	0
"2015-02-05	09:00:00"	4.819	327.5	18.79	8.16	3.445	321	17.91	7.561	29.77	30.07	-0.292	79.13	78.95	26.498	19.89	0
"2015-02-05	10:00:00"	5.538	290.5	24.96	11.74	4.135	284.4	25.46	9.35	30.37	30.87	-0.497	76.96	76.08	26.501	73.869	0
"2015-02-05	11:00:00"	6.023	303.6	24.82	10.54	4.351	295.7	27.68	8.16	31.2	32.08	-0.885	74.23	72.51	26.503	192.37	0
"2015-02-05	12:00:00"	4.797	278	45.84	8.75	3.833	270.2	50.07	7.561	33.35	34.5	-1.153	71.18	68.61	26.503	479.68	0
"2015-02-05	13:00:00"	5.347	243.2	32.88	11.74	4.471	240.7	39.02	11.74	36.82	38.34	-1.512	65.18	61.71	26.481	708.76	0
"2015-02-05	14:00:00"	5.26	218.5	30.33	10.54	4.593	209.4	36.45	9.95	40.36	41.58	-1.213	58.83	55.7	26.448	710.64	0
"2015-02-05	15:00:00"	7.481	219.8	19.74	13.52	6.265	212.4	23.66	11.74	43.28	44.81	-1.534	53.99	50.47	26.413	638.73	0
"2015-02-05	16:00:00"	8.73	221	18.32	14.72	7.32	213.4	21.9	12.93	46.2	47.42	-1.215	48.39	45.32	26.393	531.44	0
"2015-02-05	17:00:00"	7.404	211.8	20.05	13.52	6.125	204.9	24.57	12.93	47.99	49	-1.017	45.13	42.44	26.391	365.62	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-05	18:00:00"	8.79	192.2	13.31	12.33	7.027	183.9	17.15	10.54	47.61	48.13	-0.522	47.43	45.65	26.389	169.41	0	
"2015-02-05	19:00:00"	8.36	183.3	8.55	11.14	6.321	171.9	11.77	9.95	44.81	44.55	0.261	53.41	53.11	26.391	13.621	0	
"2015-02-05	20:00:00"	6.707	187.3	7.549	9.95	4.914	176	10.28	8.75	41.6	41.08	0.523	60.38	60.86	26.403	0	0	
"2015-02-05	21:00:00"	7.171	187.5	9.9	12.33	5.173	177.8	13.97	9.35	39.89	39.34	0.552	64.93	65.51	26.414	0.00038	0	
"2015-02-05	22:00:00"	6.348	205.8	12.13	9.35	4.509	197.2	14.1	7.561	37.44	36.93	0.513	70.35	70.55	26.42	0.00537	0	
"2015-02-05	23:00:00"	6.142	212.1	12.83	9.35	4.61	201	13.67	7.561	35.62	35.27	0.347	74.99	74.8	26.425	0.02937	0	
"2015-02-06	00:00:00"	7.255	218.5	11.84	11.14	5.785	208	14.58	11.14	33.67	33.54	0.136	79.1	78.58	26.429	0.01958	0	
"2015-02-06	01:00:00"	6.907	236.6	12.32	11.74	5.591	231	15.35	9.95	32.36	32.31	0.051	82.4	81.6	26.419	0.13868	0	
"2015-02-06	02:00:00"	5.616	248	15.11	9.35	4.25	243.7	19.26	7.561	32.47	32.19	0.279	82.4	82.1	26.409	0.26258	0	
"2015-02-06	03:00:00"	5.519	233.5	12.95	8.16	4.328	225.8	16.82	7.561	31.57	31.43	0.14	83.8	83.1	26.404	0.33908	0	
"2015-02-06	04:00:00"	5.677	248.9	13.65	8.16	4.292	247.2	17.44	6.368	31.5	31.27	0.232	84.5	84	26.397	0.31953	0	
"2015-02-06	05:00:00"	7.504	261.8	8.11	9.95	5.601	261.9	11.08	8.75	31.57	31.28	0.284	84.3	84	26.389	0.34063	0	
"2015-02-06	06:00:00"	8.54	273.5	10.28	12.33	6.054	277.7	12.06	11.14	33.03	32.42	0.606	82	82.4	26.386	0.33888	0	
"2015-02-06	07:00:00"	7.261	279.9	8.98	11.14	4.206	288.7	13.03	9.35	34.63	32.88	1.753	78.1	80.3	26.381	0.25644	0	
"2015-02-06	08:00:00"	6.287	276.2	15.48	9.35	3.595	274.4	20.29	6.368	34.83	33.38	1.451	77.07	79.13	26.382	3.8221	0	
"2015-02-06	09:00:00"	6.859	295.2	9.92	9.35	3.666	294.8	11.7	6.964	34.68	34.3	0.38	78.85	80.1	26.402	113.91	0	
"2015-02-06	10:00:00"	5.997	246.8	16.16	9.95	5.019	239.2	18.73	8.75	40.06	40.54	-0.483	75.72	74.78	26.416	307.71	0	
"2015-02-06	11:00:00"	7.063	238.6	13.67	11.14	6.093	232	16.32	9.95	45.57	46.34	-0.776	66.95	65.04	26.417	505.95	0	
"2015-02-06	12:00:00"	6.826	226.3	18.92	11.14	5.896	219.4	21.78	10.54	53.02	54.18	-1.165	53.59	50.88	26.412	645.12	0	
"2015-02-06	13:00:00"	8.32	220.9	15.47	14.12	6.931	213.6	19.92	12.93	58.29	59.6	-1.312	44.18	41.3	26.396	721.34	0	
"2015-02-06	14:00:00"	8.88	219.9	14.97	14.72	7.457	210.6	19.04	13.52	63.35	64.58	-1.231	35.89	33.59	26.364	730.11	0	
"2015-02-06	15:00:00"	10.05	214.4	14.25	15.31	8.19	206.2	17.55	14.12	66.96	68.23	-1.271	30.66	28.42	26.334	657.89	0	
"2015-02-06	16:00:00"	10.41	211.6	13.34	16.51	8.5	202.8	16.08	13.52	68.37	69.41	-1.046	29.28	27.22	26.316	550.38	0	
"2015-02-06	17:00:00"	12.25	208.4	11.36	17.7	9.67	200.3	13.54	14.72	68.51	69.06	-0.553	26.85	25.17	26.298	380.89	0	
"2015-02-06	18:00:00"	11.03	206.7	9.37	18.89	8.68	198.6	10.47	14.72	68.19	67.96	0.231	23.7	22.55	26.289	182.94	0	
"2015-02-06	19:00:00"	8.23	196.9	7.436	12.33	5.591	191.2	10.93	8.75	64.3	62.62	1.678	27.73	28.19	26.286	16.149	0	
"2015-02-06	20:00:00"	8.92	215.9	14.71	15.31	6.498	207.5	15.54	11.74	59.5	58.53	0.971	39.44	39.12	26.293	0	0	
"2015-02-06	21:00:00"	7.546	217.5	11.32	11.14	5.449	208.8	14.36	8.16	56.9	55.93	0.961	45.36	45.26	26.303	0	0	
"2015-02-06	22:00:00"	6.947	220.2	12.16	10.54	5.124	208.7	15.35	8.16	53.63	52.87	0.76	51.56	51.35	26.299	0	0	
"2015-02-06	23:00:00"	7.8	220	12.53	12.93	5.938	213.9	14.15	10.54	51.15	50.52	0.635	58.96	58.6	26.291	0	0	
"2015-02-07	00:00:00"	7.531	229.4	12.04	11.14	6.119	219.3	11.84	9.35	48.28	47.91	0.367	68.76	68.15	26.283	0	0	
"2015-02-07	01:00:00"	6.858	234.3	12.26	11.14	5.09	229.7	15.34	9.35	46.32	45.77	0.549	73.69	73.51	26.271	0	0	
"2015-02-07	02:00:00"	7.714	243.5	12.2	11.14	5.821	239.2	15.79	10.54	45.21	44.57	0.641	78.87	78.79	26.258	0	0	
"2015-02-07	03:00:00"	8.14	240.2	12.42	10.54	6.082	233.5	15.85	9.35	46.31	45.57	0.736	76.77	76.96	26.248	0	0	
"2015-02-07	04:00:00"	7.595	251.2	19.6	10.54	4.879	246.8	25.07	8.16	47.06	44.88	2.174	69.02	73.42	26.233	0	0	
"2015-02-07	05:00:00"	8.66	265.2	9.54	11.74	4.941	261.1	11.16	7.561	48.78	44.99	3.795	55.71	64.48	26.222	0	0	
"2015-02-07	06:00:00"	8.02	283.4	9.31	11.14	4.387	273	11.96	7.561	48.54	44.59	3.953	49.98	58.87	26.212	0	0	
"2015-02-07	07:00:00"	7.8	276.2	12.68	11.14	4.35	263.1	16.37	6.964	47.45	44.18	3.264	48.37	55.72	26.206	0	0	
"2015-02-07	08:00:00"	6.6	252	10.83	9.35	4.32	239.6	13.08	6.368	44.78	42.1	2.675	58.58	64.01	26.209	5.2173	0	
"2015-02-07	09:00:00"	6.215	250.9	11.73	8.75	4.017	234.3	13.58	5.771	45.5	43.21	2.286	58.67	66.27	26.223	133.98	0	
"2015-02-07	10:00:00"	6.236	242.5	10.87	12.33	5.044	228.6	14.43	10.54	50.76	50.87	-0.113	56.72	56.96	26.23	334.41	0	
"2015-02-07	11:00:00"	11.82	272.8	10.65	18.89	9.09	267.5	13.16	17.7	62.93	63.75	-0.83	33.63	32.25	26.222	517.92	0	
"2015-02-07	12:00:00"	13.31	294.4	11.96	21.28	8.83	288.7	14.33	18.3	71.44	72.77	-1.333	20.99	19.29	26.207	660.27	0	
"2015-02-07	13:00:00"	14.01	286.9	12.13	20.68	10.03	282.2	13.43	18.3	73.12	74.75	-1.625	18.52	16.6	26.186	736.2	0	
"2015-02-07	14:00:00"	14.54	273.4	11.87	23.07	11.2	270.2	13.36	18.89	75.73	77.24	-1.513	16.28	14.34	26.151	743.73	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10					Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-07	15:00:00"	16.37	272.5	11.57	23.66	12.92	268.7	13.28	21.28	77.62	78.88	-1.264	13.1	11.24	26.118	671.57	0
"2015-02-07	16:00:00"	17.71	271.2	11.53	27.24	13.62	268.3	13.25	22.47	78.08	79.13	-1.045	12.61	10.83	26.1	558.24	0
"2015-02-07	17:00:00"	17.09	275.9	11.27	23.66	13.01	272.6	12.84	21.28	78.09	78.7	-0.606	12.57	10.91	26.089	384.94	0
"2015-02-07	18:00:00"	14	266.9	10.83	21.87	10.81	264.5	12.92	18.89	77.6	77.37	0.229	12.15	10.72	26.088	183.83	0
"2015-02-07	19:00:00"	10.04	253	10.03	14.72	7.285	248.1	13.32	12.33	73.15	71.74	1.401	14.76	14.12	26.092	16.767	0
"2015-02-07	20:00:00"	12.36	266	8.64	17.1	8.96	264.6	10.08	14.72	67.66	66.31	1.347	18.63	18.08	26.103	0	0
"2015-02-07	21:00:00"	8.58	260.5	14.44	22.47	5.873	254.9	17.35	17.1	64.26	62.53	1.731	20.94	21.14	26.112	0	0
"2015-02-07	22:00:00"	13.65	285.9	7.832	20.09	8.77	283.8	10.5	16.51	64.04	62.32	1.725	19.9	19.9	26.119	0	0
"2015-02-07	23:00:00"	11.94	286.9	8.85	15.91	7.169	284.2	11.92	12.33	61.25	59.11	2.138	21.88	22.49	26.123	0	0
"2015-02-08	00:00:00"	12.1	289.4	5.774	16.51	7.015	285.1	9.03	11.74	57.22	55.09	2.135	26.19	27.3	26.126	0	0
"2015-02-08	01:00:00"	11.26	292.5	8.91	16.51	6.036	288.6	11.76	11.74	55.73	53.17	2.566	28.47	30.25	26.12	0	0
"2015-02-08	02:00:00"	11.26	308.6	6.428	15.31	4.948	305.7	9.22	9.35	54.06	51.49	2.568	31.05	33.14	26.116	0	0
"2015-02-08	03:00:00"	14.18	313.6	5.92	17.7	7.186	308.9	8.78	11.14	52.29	50.98	1.308	33.5	34.01	26.114	0	0
"2015-02-08	04:00:00"	15.79	310.3	6.395	21.28	8.02	304.6	9.45	12.33	52.34	51.26	1.075	33.78	33.89	26.115	0	0
"2015-02-08	05:00:00"	14.47	308.2	7.595	20.09	7.379	303	10.13	12.93	50.61	49.52	1.096	36.17	36.42	26.115	0	0
"2015-02-08	06:00:00"	14.27	312.6	6.919	18.89	7.362	307.6	9.44	12.33	51.59	50.33	1.251	32.91	33.32	26.122	0	0
"2015-02-08	07:00:00"	15.09	324	7.691	23.66	9.31	318.4	9.98	19.49	52.81	51.46	1.358	30.76	31.21	26.13	0	0
"2015-02-08	08:00:00"	18.33	328.4	6.561	29.03	12.6	322.1	8.92	23.07	58.7	57.5	1.202	24.13	23.83	26.153	5.7243	0
"2015-02-08	09:00:00"	21.09	338.7	9.06	30.22	15.81	330.7	10.3	25.45	59.94	59.53	0.413	23.43	22.51	26.175	137.28	0
"2015-02-08	10:00:00"	23.61	346.7	11	31.42	17.97	337.3	9.79	27.24	63.38	63.76	-0.388	21.56	20.11	26.199	336.56	0
"2015-02-08	11:00:00"	22.2	7.624	13.76	32.61	17.17	355.8	18.33	26.05	67.87	68.83	-0.967	18.48	16.76	26.216	515.38	0
"2015-02-08	12:00:00"	20.85	26.5	11.93	30.82	16.32	17.72	17.91	27.84	69.51	70.81	-1.3	17.51	15.64	26.241	647.54	0
"2015-02-08	13:00:00"	16.8	52.18	14.72	27.84	13.82	45.35	16.48	22.47	70.37	71.85	-1.484	17.02	15.1	26.249	720.44	0
"2015-02-08	14:00:00"	14.71	67.71	13.81	23.07	11.84	61.26	15.47	20.09	71.5	72.96	-1.461	17.1	15.13	26.231	726.03	0
"2015-02-08	15:00:00"	11.64	66.68	22.82	26.05	9.69	60.22	25.55	26.65	73.31	74.74	-1.427	15.57	13.68	26.213	647.43	0
"2015-02-08	16:00:00"	10.32	85.6	20.43	17.7	8.35	78.69	21.98	15.91	74.37	75.52	-1.158	14.29	12.5	26.207	541.29	0
"2015-02-08	17:00:00"	8.41	102	18.71	20.68	6.96	94.8	19.81	16.51	74.4	75.06	-0.651	13.95	12.31	26.213	373.34	0
"2015-02-08	18:00:00"	7.071	114.5	12.11	11.74	5.497	107.9	13.88	9.35	73.69	73.58	0.11	14.74	13.61	26.229	176.27	0
"2015-02-08	19:00:00"	7.066	93	5.039	9.35	3.774	75.06	9.76	5.771	71.1	67.33	3.772	15.9	17.8	26.252	15.772	0
"2015-02-08	20:00:00"	7.337	79.44	4.469	9.95	3.914	51.15	13.5	5.175	68.78	62.52	6.263	16.66	20.94	26.271	0	0
"2015-02-08	21:00:00"	4.581	85	23.87	6.368	3.368	17.15	12.15	5.175	66.77	59.06	7.717	17.76	22.95	26.281	0	0
"2015-02-08	22:00:00"	4.837	139.9	39.45	8.16	2.987	75.89	63.96	6.368	65.3	59.58	5.722	19.23	23.2	26.29	0	0
"2015-02-08	23:00:00"	3.68	187.2	23.53	6.368	1.827	310.7	92	4.578	62.86	56.97	5.888	21.56	26.32	26.3	0	0
"2015-02-09	00:00:00"	3.313	204.3	26.48	5.175	1.543	302.8	19.38	4.578	63.06	57.74	5.323	21.65	24.36	26.306	0	0
"2015-02-09	01:00:00"	3.855	255.3	16.4	5.175	2.567	297.9	6.917	4.578	62.13	56.3	5.833	22.41	26.29	26.307	0	0
"2015-02-09	02:00:00"	7.568	299.2	9.51	10.54	3.057	307.4	5.637	5.175	57.94	46.72	11.22	26.68	42.47	26.307	0	0
"2015-02-09	03:00:00"	6.402	287	13.78	9.35	3.115	306.3	5.487	4.578	56.8	47.25	9.56	28.1	39.99	26.313	0	0
"2015-02-09	04:00:00"	6.369	291.5	9.94	8.16	2.961	309.8	4.864	5.175	56.39	45.11	11.28	28.59	44.21	26.314	0	0
"2015-02-09	05:00:00"	3.175	276.9	63.29	6.368	3.16	346.3	45.72	4.578	56.41	46.02	10.39	28.22	42.09	26.311	0	0
"2015-02-09	06:00:00"	3.59	53.45	18.05	6.368	4.387	24.32	19.09	5.771	51.44	39.06	12.37	34.07	59.05	26.314	0.00029	0
"2015-02-09	07:00:00"	2.307	286.5	65.45	4.578	3.839	339.3	19.26	5.771	52.25	40.3	11.95	33.04	55.6	26.327	0.00038	0
"2015-02-09	08:00:00"	3.288	263	19.85	5.771	1.831	309.8	30.49	3.982	53.48	48	5.479	31.07	36.97	26.347	6.1315	0
"2015-02-09	09:00:00"	3.805	282	17.68	6.368	1.976	306.9	17.52	3.982	53.2	47.99	5.214	32.92	45.88	26.367	139.27	0
"2015-02-09	10:00:00"	3.446	222	23.5	9.95	2.542	211.9	35.5	8.16	58.37	58.37	-0.005	30.91	30.69	26.379	341.01	0
"2015-02-09	11:00:00"	11.83	201.4	14.97	19.49	9.26	193.6	18.52	17.1	66.13	66.81	-0.687	24.94	23.64	26.385	521.93	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-09	12:00:00"	16.22	191.6	10.13	24.86	12.78	182.6	14.5	20.09	68.77	69.82	-1.05	20.71	19.08	26.376	659.64	0	
"2015-02-09	13:00:00"	17.27	190.9	10.16	24.86	13.54	182.2	14.29	20.68	69.88	71.29	-1.404	18.97	17.13	26.353	735.84	0	
"2015-02-09	14:00:00"	17.76	194	11.2	26.05	13.94	185.6	14.99	21.28	71.05	72.53	-1.478	16.51	14.63	26.316	744.62	0	
"2015-02-09	15:00:00"	16.87	191.9	12.27	24.26	13.29	183.7	15.84	21.28	72.3	73.66	-1.367	14.02	12.24	26.284	668.54	0	
"2015-02-09	16:00:00"	17.02	192.3	10.82	27.24	13.31	184	14.27	22.47	73.06	74.15	-1.086	12.82	11.12	26.259	561.25	0	
"2015-02-09	17:00:00"	15.69	190.3	10.48	24.86	12.26	181.5	14.22	20.68	73.42	74.03	-0.611	12.69	11.13	26.239	388.44	0	
"2015-02-09	18:00:00"	13.99	192.2	9.34	22.47	10.96	183.8	13.23	20.09	72.7	72.58	0.126	15.18	13.84	26.23	187.59	0	
"2015-02-09	19:00:00"	10.46	181.5	8.58	14.72	7.649	169	10.99	12.33	69.44	68.2	1.236	19.63	19.14	26.229	18.748	0	
"2015-02-09	20:00:00"	10.11	165.3	8.22	14.72	7.427	152.5	8.66	11.74	65.66	64.11	1.545	22.2	22.07	26.229	0	0	
"2015-02-09	21:00:00"	11.56	166.9	9.28	16.51	8.71	156	10.5	13.52	62.99	61.75	1.236	23.7	23.43	26.225	0	0	
"2015-02-09	22:00:00"	9.74	172.2	10.09	15.31	7.272	162.5	11.22	12.93	59.28	58.37	0.916	26.54	26.12	26.229	0	0	
"2015-02-09	23:00:00"	8.29	187.2	9.3	12.93	5.889	177.7	11.98	9.35	57.18	55.94	1.231	28.95	29.03	26.229	0	0	
"2015-02-10	00:00:00"	10.87	192.4	12.93	16.51	7.955	185.2	17.24	13.52	57.81	56.79	1.017	32.62	32.34	26.223	0	0	
"2015-02-10	01:00:00"	6.821	210.4	12.44	9.95	4.76	209.9	14.26	7.561	54.74	53.95	0.791	36.76	36.32	26.212	0	0	
"2015-02-10	02:00:00"	7.619	211.1	10.35	11.14	5.519	204	11.53	8.16	53.75	53	0.753	39.13	38.63	26.2	0	0	
"2015-02-10	03:00:00"	7.343	236.6	12.82	11.14	5.647	230.2	17.06	9.35	52.21	51.51	0.698	41.83	41.42	26.188	0	0	
"2015-02-10	04:00:00"	6.793	238	10.55	9.95	5.041	234.3	13.8	8.16	50.6	49.86	0.748	44.72	44.59	26.173	0	0	
"2015-02-10	05:00:00"	6.912	239.4	9.57	9.35	4.958	236.5	11.65	8.16	49.97	49.2	0.773	46.03	46	26.164	0	0	
"2015-02-10	06:00:00"	7.225	256.8	14.07	9.35	4.808	256.2	16.46	6.964	49.73	48.25	1.483	46.76	48.27	26.166	0	0	
"2015-02-10	07:00:00"	5.996	263.4	7.033	8.75	3.661	261.5	7.401	6.368	49.9	48.01	1.884	46.27	48.66	26.17	0	0	
"2015-02-10	08:00:00"	6.492	262.9	9	8.75	4.16	259.3	11.53	6.964	49.93	48.29	1.632	46.29	48.2	26.176	6.6274	0	
"2015-02-10	09:00:00"	5.655	245	10.09	7.561	4.029	239.4	13.38	6.368	50.32	49.82	0.497	47.1	47.39	26.183	143.12	0	
"2015-02-10	10:00:00"	5.864	234.9	19.86	8.75	4.855	230.2	20.81	8.16	53.72	54.38	-0.655	44.79	42.93	26.19	343.78	0	
"2015-02-10	11:00:00"	5.573	257.6	12.82	8.16	4.642	250.8	16.77	8.16	60.72	61.87	-1.145	35.69	33.67	26.191	524.75	0	
"2015-02-10	12:00:00"	5.981	240.9	20.45	11.14	5.076	233.3	23.18	9.95	66.73	67.78	-1.048	30.2	28.17	26.186	661.81	0	
"2015-02-10	13:00:00"	6.114	234.5	24.28	12.33	5.139	226.4	27.01	9.35	71.78	73.03	-1.257	24.77	22.71	26.163	739.89	0	
"2015-02-10	14:00:00"	7.408	234.6	24.46	12.93	6.189	226.8	29.2	11.14	75.16	76.49	-1.333	19.27	17.27	26.127	748.02	0	
"2015-02-10	15:00:00"	7.225	224.1	34.01	13.52	6.012	216.7	36.84	11.74	76.18	77.48	-1.302	16.62	14.7	26.094	670.42	0	
"2015-02-10	16:00:00"	6.611	203.8	30.81	15.31	5.532	194.8	35.34	13.52	76.86	77.92	-1.065	15.85	14.03	26.074	561.6	0	
"2015-02-10	17:00:00"	7.154	214.4	31.43	13.52	5.897	206	35	12.33	76.95	77.58	-0.634	15.64	13.94	26.057	388.46	0	
"2015-02-10	18:00:00"	7.005	189.5	18.57	11.14	5.392	180.4	22.96	8.75	76.21	76.09	0.117	16.71	15.5	26.056	189.04	0	
"2015-02-10	19:00:00"	7.379	172.9	9.61	10.54	5.102	158.7	11.94	8.75	72.61	70.95	1.665	19.05	18.99	26.066	20.224	0	
"2015-02-10	20:00:00"	8.75	162.9	6.499	11.14	5.962	147.3	7.72	8.75	69.49	67.06	2.428	19.92	20.4	26.079	0	0	
"2015-02-10	21:00:00"	9.24	163.8	9.71	13.52	6.574	151	12.09	11.14	67.3	65.33	1.973	21.36	21.51	26.082	0	0	
"2015-02-10	22:00:00"	6.762	185.6	14.29	14.12	4.318	180.7	16.54	11.74	64.35	62.45	1.902	23.48	23.9	26.086	0	0	
"2015-02-10	23:00:00"	7.365	188.8	10.84	12.93	5.069	183.6	15.46	9.95	59.66	58.44	1.217	31.97	31.83	26.091	0	0	
"2015-02-11	00:00:00"	5.753	206.7	12.56	9.95	3.633	200	15.48	6.964	57.52	56.24	1.278	37.96	37.95	26.094	0	0	
"2015-02-11	01:00:00"	6.531	200.5	10.35	9.95	4.01	195.9	14.83	7.561	57.46	55.85	1.609	39.86	40.7	26.096	0	0	
"2015-02-11	02:00:00"	6.366	213.3	15.96	10.54	4.213	210.7	20.73	7.561	55.86	54.63	1.226	43.15	43.5	26.093	0	0	
"2015-02-11	03:00:00"	5.689	233.7	13.72	8.16	3.777	230.5	17.63	6.368	55.06	53.76	1.3	45.37	46.03	26.09	0	0	
"2015-02-11	04:00:00"	6.266	218.2	12.71	8.16	4.294	212.2	15.21	6.368	54.44	53.46	0.981	46.95	46.98	26.084	0	0	
"2015-02-11	05:00:00"	7.035	203.7	11.31	9.95	4.687	195.7	14.58	7.561	52.76	51.37	1.389	51.24	52.23	26.078	0	0	
"2015-02-11	06:00:00"	7.784	186.3	84.4	21.28	5.47	188.9	86.3	16.51	51.94	50.63	1.31	53.33	54.52	26.093	0	0	
"2015-02-11	07:00:00"	12.1	36	10.75	18.89	9.25	26.62	24.43	17.1	46.46	45.48	0.987	61.63	62.41	26.13	0	0	
"2015-02-11	08:00:00"	16.39	35.85	8.39	22.47	12.97	29.15	11.81	20.68	42.31	42.07	0.243	72.88	72.37	26.164	11.836	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-11	09:00:00"	19.88	45.44	9	27.84	15.92	38.92	11.07	25.45	43.09	43.2	-0.117	74.47	73.32	26.195	117.38	0	
"2015-02-11	10:00:00"	23.66	54.14	8.65	31.42	19.29	47.14	9.98	27.84	46.54	47.2	-0.655	69.51	67.33	26.217	323.89	0	
"2015-02-11	11:00:00"	24.01	53.13	9.92	33.21	19.61	46.32	11.17	30.82	49.61	50.75	-1.142	63.62	60.51	26.253	499.49	0	
"2015-02-11	12:00:00"	24.52	48.62	9.56	35	20.22	41.78	11.22	30.22	52	53.46	-1.458	58.87	55.14	26.288	556.6	0	
"2015-02-11	13:00:00"	24.9	46.83	10.22	34.4	20.21	39.85	12.12	30.22	52.34	53.4	-1.064	57.4	54.23	26.302	311.54	0	
"2015-02-11	14:00:00"	25.16	43.14	8.68	35.59	20.71	36.31	10.98	29.63	50.19	50.71	-0.517	60.01	57.75	26.316	117.72	0	
"2015-02-11	15:00:00"	25.46	37.83	7.93	35.59	20.55	30.9	11.23	31.42	47.67	48.08	-0.411	63.25	61.22	26.333	73.533	0	
"2015-02-11	16:00:00"	25.48	33.63	7.429	36.78	20.24	26.63	11.84	30.82	43.01	43.46	-0.449	75.04	73.14	26.367	46.523	0	
"2015-02-11	17:00:00"	22.31	41.93	9.88	32.61	17.95	35.55	12.43	28.43	41.05	41.37	-0.322	82.4	81.6	26.392	49.199	0	
"2015-02-11	18:00:00"	23.13	46.4	8.04	33.8	19.06	40.02	9.68	29.63	42.28	42.62	-0.342	73.18	71.82	26.406	54.792	0	
"2015-02-11	19:00:00"	24.11	46.23	8.02	33.21	19.65	39.91	9.78	28.43	43.53	43.62	-0.092	63.38	62.19	26.44	3.8745	0	
"2015-02-11	20:00:00"	23.64	42	9.37	32.61	19.18	35.67	11.46	28.43	42.19	42.29	-0.095	65.58	64.3	26.466	0	0	
"2015-02-11	21:00:00"	22.25	43.81	7.809	32.61	18.15	37.29	9.8	27.84	41.06	41.12	-0.055	69.71	68.47	26.484	0.00019	0	
"2015-02-11	22:00:00"	16.98	38.12	7.204	26.05	13.82	31.57	10.15	22.47	40.33	40.48	-0.152	72.09	70.87	26.503	0.00029	0	
"2015-02-11	23:00:00"	18.03	38.7	6.97	24.26	14.53	32.79	9.72	21.87	40.56	40.65	-0.087	63.3	62.22	26.503	0.00048	0	
"2015-02-12	00:00:00"	15.21	42.12	8.56	22.47	12.35	35.72	10.8	20.09	40.27	40.35	-0.081	57.37	56.26	26.526	0.0001	0	
"2015-02-12	01:00:00"	15.37	38.45	7.256	21.28	12.34	32.22	10.39	19.49	39.97	40.05	-0.081	55.58	54.39	26.533	0.0001	0	
"2015-02-12	02:00:00"	16.75	35.24	7.131	23.07	13.43	28.95	10.41	21.28	39.02	39.13	-0.107	58.02	56.74	26.537	0.00038	0	
"2015-02-12	03:00:00"	16.32	42.53	7.577	23.07	13.19	35.87	9.69	19.49	39.06	39.08	-0.027	53.85	52.72	26.523	0.00029	0	
"2015-02-12	04:00:00"	14.87	48.68	7.15	21.28	12.21	42.22	8.64	19.49	38.99	39	-0.011	52.79	51.72	26.514	0.00336	0	
"2015-02-12	05:00:00"	12.34	37.87	8.34	17.1	9.92	31.52	11.22	14.72	38.99	39.01	-0.02	52.38	51.37	26.519	0.00595	0	
"2015-02-12	06:00:00"	14.16	24.22	6.093	19.49	11	14.88	12.63	17.7	38.91	38.92	-0.004	54.19	53.16	26.54	0.00106	0	
"2015-02-12	07:00:00"	12.36	23.51	6.941	17.7	9.48	13.67	12.92	15.31	38.88	38.88	0.002	55.02	54.04	26.547	0.00019	0	
"2015-02-12	08:00:00"	7.648	25.47	7.715	12.93	5.41	13.48	15.99	11.14	37.7	36.95	0.745	58.78	58.85	26.56	3.6531	0	
"2015-02-12	09:00:00"	9.44	22.87	8.58	17.1	7.017	12.13	14.68	14.72	36.72	36.63	0.086	61.07	60.82	26.566	133.75	0	
"2015-02-12	10:00:00"	12.74	38.15	10.87	18.89	10.36	31.44	14.14	15.91	40.41	41.35	-0.939	45.35	43.29	26.577	332.73	0	
"2015-02-12	11:00:00"	11.25	54.29	16.23	17.7	9.35	47.63	17.95	16.51	42.46	43.97	-1.509	35.13	32.96	26.59	512.57	0	
"2015-02-12	12:00:00"	8.38	66.96	22.83	14.12	7.081	60.14	24.13	13.52	44.51	46.16	-1.649	30.17	27.92	26.598	649.88	0	
"2015-02-12	13:00:00"	7.537	67.08	27.3	14.72	6.329	60.22	31.77	12.93	46.37	48.12	-1.751	26.37	24.13	26.571	716.42	0	
"2015-02-12	14:00:00"	6.017	52.03	41.84	11.74	5.199	42.7	51.43	11.74	48.19	49.83	-1.632	24.38	22.13	26.534	723.62	0	
"2015-02-12	15:00:00"	5.415	69.77	65.9	11.14	4.623	60.51	66.28	10.54	50.08	51.65	-1.569	23.95	21.71	26.504	662.75	0	
"2015-02-12	16:00:00"	4.62	256.7	65.63	9.95	3.977	246.2	65.34	9.95	51.46	52.71	-1.25	24.32	22.24	26.473	475.41	0	
"2015-02-12	17:00:00"	4.54	175.8	77.78	8.16	3.93	164.5	81.3	7.561	51.82	52.44	-0.624	23.83	22.09	26.458	143.52	0	
"2015-02-12	18:00:00"	7.162	189.1	12.65	11.14	5.758	179.3	15.87	9.95	51.45	51.93	-0.479	23.84	22.32	26.444	64.676	0	
"2015-02-12	19:00:00"	7.493	190.9	8.94	11.14	5.836	180.9	11.69	9.35	50.1	49.98	0.127	26.03	24.97	26.433	13.987	0	
"2015-02-12	20:00:00"	6.034	186.7	7.756	9.95	4.309	176.6	9.4	8.16	47.08	46.56	0.527	29.24	28.83	26.445	0	0	
"2015-02-12	21:00:00"	5.978	196.4	9.14	11.14	4.343	189.4	12.54	8.16	45.93	45.63	0.294	32.55	32.02	26.459	0	0	
"2015-02-12	22:00:00"	7.685	194.8	8.89	12.33	5.848	185.4	11.5	9.35	43.62	43.37	0.248	36.97	36.22	26.447	0	0	
"2015-02-12	23:00:00"	5.646	198.2	9.67	8.16	3.986	192	14.32	6.964	41.68	41.16	0.517	40.57	40.4	26.445	0.00067	0	
"2015-02-13	00:00:00"	4.161	226.2	20.87	7.561	2.984	223.6	28.67	6.368	41.17	40.61	0.563	41.87	41.5	26.451	0.00221	0	
"2015-02-13	01:00:00"	4.016	221.9	14.68	6.368	2.501	211.3	19.62	5.175	41.49	40.65	0.835	42.74	43.29	26.456	0.00192	0	
"2015-02-13	02:00:00"	5.635	216.8	11.57	8.16	4.163	203.9	12.68	6.964	40.63	40.13	0.501	47.9	47.36	26.451	0.00192	0	
"2015-02-13	03:00:00"	6.503	230.3	15.95	10.54	4.768	223.5	21.34	9.35	39.59	39.19	0.4	54.39	53.82	26.438	0.00086	0	
"2015-02-13	04:00:00"	5.635	249.8	13.94	8.16	4.055	246.2	16.25	6.368	38.36	37.93	0.43	55.94	55.61	26.425	0.03119	0	
"2015-02-13	05:00:00"	5.765	255.4	11.08	7.561	3.981	254.1	13.3	6.368	38.08	37.49	0.585	56.8	56.79	26.415	0.01814	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-13	06:00:00"	6.581	252.2	9.99	8.16	4.476	249.1	13.04	6.964	37.93	37.18	0.75	58.17	58.42	26.4	0.02553	0
"2015-02-13	07:00:00"	6.614	250.2	15.25	8.75	4.789	243.9	19.77	6.964	38.03	37.5	0.536	60.25	60.16	26.397	0.00249	0
"2015-02-13	08:00:00"	7.318	279.9	13.29	8.75	4.125	280.8	14.74	7.561	37.69	36.18	1.508	62.65	64.78	26.398	7.4573	0
"2015-02-13	09:00:00"	6.71	277.7	14.69	9.35	4.5	275.2	16.34	6.964	39.75	39.77	-0.025	59.49	59.3	26.42	137.87	0
"2015-02-13	10:00:00"	7.819	241.4	14.9	12.33	6.666	234.3	16.04	11.74	44.35	44.94	-0.584	57.53	55.37	26.429	330.5	0
"2015-02-13	11:00:00"	9.83	248.1	13.05	16.51	8.18	243.3	15.56	14.12	50.67	51.73	-1.052	56.46	53.5	26.445	511.92	0
"2015-02-13	12:00:00"	11.05	255.8	14.78	16.51	9.18	251.4	17.55	16.51	56.06	57.53	-1.469	51.14	47.66	26.448	646.29	0
"2015-02-13	13:00:00"	9.16	265.3	22.66	16.51	7.326	259.7	24.8	12.93	59.35	61.01	-1.669	44.92	41.33	26.429	726.11	0
"2015-02-13	14:00:00"	6.186	278.8	39.35	14.72	4.867	269.9	44.03	11.14	62.17	63.9	-1.728	40.27	37.18	26.396	736.53	0
"2015-02-13	15:00:00"	4.919	318.6	72.58	12.33	4.089	306.3	76.66	11.14	63.63	65.09	-1.46	36.38	33.7	26.366	663.8	0
"2015-02-13	16:00:00"	4.372	347.8	68.5	9.95	3.51	330.4	69.98	9.95	64.8	66.08	-1.272	34.24	31.75	26.346	560.37	0
"2015-02-13	17:00:00"	4.157	12.45	73.53	12.33	3.3	14.87	79.15	9.35	66.04	67.03	-0.993	32.06	29.86	26.342	392.21	0
"2015-02-13	18:00:00"	4.285	17.84	39.5	8.16	3.539	7.426	40.49	8.16	65.83	66.42	-0.594	32.14	30.2	26.354	195.24	0
"2015-02-13	19:00:00"	3.828	47.02	19.24	5.771	2.818	39.69	22.7	4.578	64.32	62.48	1.842	33.54	34.19	26.364	22.752	0
"2015-02-13	20:00:00"	4.546	91.9	19.29	7.561	2.557	59.9	16.66	3.386	61.4	57.07	4.337	36.72	40.19	26.381	0	0
"2015-02-13	21:00:00"	8.02	91.9	6.806	10.54	4.923	62.26	10.98	6.964	58.68	52.12	6.557	40.78	48.5	26.398	0	0
"2015-02-13	22:00:00"	7.967	102.5	5.559	10.54	4.482	70.59	7.486	6.368	56.97	50.41	6.561	45.06	52.52	26.407	0	0
"2015-02-13	23:00:00"	7.333	116.4	12.31	8.75	3.852	72.68	9.71	5.175	56.46	49.44	7.017	47.75	55.68	26.413	0	0
"2015-02-14	00:00:00"	6.912	131.4	6.174	8.75	2.647	95.4	12.19	3.982	53.9	48.72	5.178	52.56	59.18	26.416	0	0
"2015-02-14	01:00:00"	6.125	169.3	15.16	11.14	3.573	156.6	22.59	8.16	53.39	51.31	2.074	54.97	57.44	26.419	0	0
"2015-02-14	02:00:00"	4.121	192.4	9.8	5.771	1.887	187.6	17.38	2.789	51.57	50.01	1.554	58.78	60.23	26.416	0	0
"2015-02-14	03:00:00"	4.508	205.9	11.08	6.368	2.402	201.6	19.85	4.578	50.93	49.25	1.684	60.82	62.32	26.418	0	0
"2015-02-14	04:00:00"	4.732	241.1	21.76	6.368	2.907	239.7	33.32	4.578	49.94	48.4	1.532	63.09	64.38	26.42	0	0
"2015-02-14	05:00:00"	4.855	284.7	8.82	6.368	2.734	308.5	9.99	4.578	50.4	44.94	5.465	61.91	69.94	26.41	0	0
"2015-02-14	06:00:00"	5.997	298.9	12.78	8.16	3.168	315.6	14.49	5.771	50.8	43.66	7.142	62.48	72.75	26.405	0.0001	0
"2015-02-14	07:00:00"	9	323.2	3.6	10.54	4.463	325.1	6.991	5.771	50.27	42.56	7.717	68.29	77.93	26.396	0.00067	0
"2015-02-14	08:00:00"	9.5	324	2.904	11.14	4.256	317.4	5.638	5.771	48.61	41.51	7.099	69.73	80.1	26.396	9.4931	0
"2015-02-14	09:00:00"	4.982	303.1	14.55	8.75	2.659	291.4	28.2	5.771	49.31	47.87	1.438	70.96	74.42	26.422	148.36	0
"2015-02-14	10:00:00"	5.057	294.2	21.89	6.964	3.676	286.5	24.38	5.771	55.98	56.66	-0.675	59.89	58.04	26.428	346.76	0
"2015-02-14	11:00:00"	4.989	224.3	23.21	8.75	4.304	216	26.44	7.561	60.57	61.34	-0.767	50.93	48.7	26.421	527.1	0
"2015-02-14	12:00:00"	6.813	216.1	22.65	12.93	5.806	209.6	27.31	11.14	63.06	64.18	-1.118	44.71	41.95	26.415	661.23	0
"2015-02-14	13:00:00"	8.35	207.7	21.08	15.31	6.888	199.8	24.95	12.33	64.49	66.01	-1.523	42.73	39.52	26.394	738.76	0
"2015-02-14	14:00:00"	7.943	207.9	24.61	15.91	6.624	201.6	28.17	13.52	65.57	67.08	-1.504	40.78	37.85	26.354	726.79	0
"2015-02-14	15:00:00"	9.67	203.6	19.47	16.51	7.913	196.9	23.36	14.12	66.68	68.18	-1.506	38.11	35.45	26.323	621.06	0
"2015-02-14	16:00:00"	11.59	189.9	18.02	24.86	9.35	181.5	21.36	22.47	67	68.56	-1.554	38.1	35.34	26.3	593.02	0
"2015-02-14	17:00:00"	10.89	204.9	17.45	19.49	8.6	197	19.98	16.51	67.32	68.27	-0.943	37.37	35.13	26.289	366.92	0
"2015-02-14	18:00:00"	12.74	199.2	11.35	21.28	9.89	191.6	14.61	18.3	66.89	67.21	-0.318	38.2	36.49	26.288	193.69	0
"2015-02-14	19:00:00"	9.65	191.1	9.1	18.3	7.38	181.9	12.23	14.72	63.58	63.08	0.494	44.22	43.31	26.292	8.1698	0
"2015-02-14	20:00:00"	10.4	182.7	6.949	14.12	7.588	170	9.3	11.14	60.09	59.26	0.831	51.11	50.99	26.298	0	0
"2015-02-14	21:00:00"	9.41	176.5	7.647	12.93	6.93	165.7	9.7	10.54	57.86	57.11	0.752	55.75	55.72	26.3	0	0
"2015-02-14	22:00:00"	9.52	179.1	7.461	14.12	6.768	168.2	9.94	10.54	56.87	55.99	0.878	57.87	58.17	26.295	0	0
"2015-02-14	23:00:00"	9.58	181.6	7.995	13.52	6.966	170.5	10.36	10.54	55.04	54.47	0.565	60.33	60.29	26.287	0	0
"2015-02-15	00:00:00"	7.204	193.4	9.2	11.14	5.168	187.5	13.97	8.75	53.78	53.26	0.515	64.41	64.2	26.27	0	0
"2015-02-15	01:00:00"	7.195	194.4	7.37	9.95	5.134	187.8	11.08	7.561	52.71	52.18	0.525	68.89	68.77	26.252	0	0
"2015-02-15	02:00:00"	7.43	195.3	7.602	11.14	5.319	187.8	10.91	9.35	51.11	50.6	0.509	73.56	73.44	26.236	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-15	03:00:00"	8.62	197.8	8.51	12.33	6.313	192.9	12.7	9.95	50.5	50.16	0.346	78.28	77.91	26.22	0
"2015-02-15	04:00:00"	7.096	201.1	9.52	13.52	5.281	196.8	12.25	12.33	49.56	49.21	0.358	81.7	81.3	26.205	0
"2015-02-15	05:00:00"	6.838	205.1	9.34	9.95	4.904	198.7	9.91	7.561	48.29	47.84	0.446	84.7	84.1	26.19	0
"2015-02-15	06:00:00"	6.598	204	9.93	9.35	4.559	198.7	12.04	6.964	47.82	47.34	0.488	87.4	86.9	26.18	0.22796
"2015-02-15	07:00:00"	6.808	203.5	9.91	9.35	5.005	198.2	10.9	7.561	47.54	47.33	0.213	88.8	88.1	26.173	0.34419
"2015-02-15	08:00:00"	7.385	213.4	14.76	11.74	5.764	208.2	16.07	8.75	48.98	48.86	0.117	87.6	87	26.171	3.8723
"2015-02-15	09:00:00"	5.692	239.7	15.66	8.75	4.556	237.3	19.59	6.964	49.13	49.19	-0.06	87.5	86.7	26.176	95.317
"2015-02-15	10:00:00"	8.95	219.8	13.35	14.72	7.302	214	16.17	12.93	54	54.6	-0.605	78.79	76.87	26.176	351.92
"2015-02-15	11:00:00"	11.19	224.4	14.05	17.7	9.28	215.4	16.96	17.1	60.07	60.83	-0.76	64.45	61.95	26.161	513.77
"2015-02-15	12:00:00"	13.66	230.1	18.93	24.26	11.03	222.3	21.82	21.28	64.38	65.45	-1.079	55.15	52.07	26.141	633.21
"2015-02-15	13:00:00"	15.38	218.2	15.21	26.65	12.49	209.1	18.22	21.28	67.62	68.86	-1.241	48.59	45.26	26.105	726.34
"2015-02-15	14:00:00"	14.33	226.6	15.43	23.66	11.93	218.4	19.11	20.68	69.63	70.79	-1.152	44.48	41.34	26.068	728.36
"2015-02-15	15:00:00"	12.46	233.9	18.77	21.28	10.42	227.6	22.87	19.49	71.66	72.89	-1.229	39.64	36.99	26.03	663.26
"2015-02-15	16:00:00"	11.92	230.4	24.64	20.68	9.66	222	28.08	18.89	73.15	74.28	-1.132	36.85	34.4	26.006	526.99
"2015-02-15	17:00:00"	11.22	236.3	18.8	18.89	9.03	230	22.05	16.51	74.07	74.8	-0.723	34.77	32.67	25.993	362.81
"2015-02-15	18:00:00"	10.79	256.4	14.51	17.7	8.36	253.3	18.04	14.12	74.18	74.41	-0.224	31.1	29.43	25.989	191.99
"2015-02-15	19:00:00"	6.299	235.8	15.57	11.74	4.857	227.1	18.15	9.35	71.87	71.35	0.52	33.33	32.22	25.993	26.358
"2015-02-15	20:00:00"	4.749	211.5	12.86	6.964	2.748	196.2	14.34	5.175	68.08	66.66	1.428	39	38.98	26.007	0
"2015-02-15	21:00:00"	8.21	247	55.53	33.8	5.533	250.2	62.19	30.22	64.41	62.33	2.083	41.32	43.13	26.022	0
"2015-02-15	22:00:00"	25.59	41.87	9.91	35.59	20.53	35.03	12.04	30.82	44.87	45.05	-0.182	57.23	55.54	26.068	0
"2015-02-15	23:00:00"	24.78	45.23	7.804	37.38	20.15	38.13	9.92	31.42	39.81	40.05	-0.24	55.56	53.88	26.093	0
"2015-02-16	00:00:00"	23.67	39.34	9.03	33.8	19.02	32.53	12.22	28.43	37.22	37.42	-0.209	48.72	47.06	26.129	0.00019
"2015-02-16	01:00:00"	23.83	32.43	7.287	33.8	18.92	25.46	12.96	30.22	33.09	33.47	-0.377	52.84	50.88	26.153	0.02831
"2015-02-16	02:00:00"	22.7	35.08	10.96	34.4	18.06	27.89	14.4	28.43	32.4	32.8	-0.4	54.07	52.15	26.166	0.05442
"2015-02-16	03:00:00"	19.16	25.44	13.17	29.03	14.97	16.49	19.14	25.45	32.22	32.6	-0.375	52.39	50.55	26.191	0.09492
"2015-02-16	04:00:00"	18.47	16.87	8.31	27.84	14.21	5.768	16.09	23.66	31.55	31.82	-0.274	54.91	53.21	26.212	0.08359
"2015-02-16	05:00:00"	16.62	15.68	7.565	24.86	12.83	3.764	14.69	20.09	30.69	30.67	0.018	56.92	55.77	26.217	0.13628
"2015-02-16	06:00:00"	14.04	17.37	7.776	22.47	10.8	6.129	14.67	19.49	30.34	30.31	0.026	58.37	57.37	26.221	0.11491
"2015-02-16	07:00:00"	12.09	10.28	9.34	19.49	9.16	359.3	13.83	16.51	30.42	30.42	0.002	58.79	57.81	26.241	0.12548
"2015-02-16	08:00:00"	8.86	7.266	10.87	14.72	6.681	355.3	12.95	12.93	29.93	29.78	0.151	59.75	59.15	26.259	5.0638
"2015-02-16	09:00:00"	8.4	0.024	15.21	21.87	6.515	348.4	15.76	18.89	30.6	31.1	-0.495	59.54	57.97	26.275	129.88
"2015-02-16	10:00:00"	14.83	8.94	11.4	21.28	11.61	357.4	16.31	18.89	32.96	34.17	-1.214	55.31	52.19	26.292	279.45
"2015-02-16	11:00:00"	14.89	17.75	9.44	21.28	11.75	8.12	15.86	19.49	33.75	35.26	-1.503	56.13	52.5	26.307	364.06
"2015-02-16	12:00:00"	12.25	18.14	17.76	23.07	9.98	8.68	22.4	21.28	36.46	38.64	-2.176	53.34	48.62	26.308	566.96
"2015-02-16	13:00:00"	11.8	33.19	19.85	19.49	9.78	24.63	24.24	18.89	39.57	41.73	-2.16	49.03	44.54	26.289	650.59
"2015-02-16	14:00:00"	10.56	46.79	17.9	17.7	8.83	39.11	21.36	15.91	41.92	44.23	-2.318	45.34	40.75	26.254	740.5
"2015-02-16	15:00:00"	10.55	53.18	18.75	18.89	8.86	46.88	21.17	16.51	43.35	45.53	-2.184	43.01	38.85	26.212	660.45
"2015-02-16	16:00:00"	8.54	63.12	23.2	16.51	7.137	57.42	27.59	15.91	44.9	46.71	-1.812	40.78	37.39	26.195	578.8
"2015-02-16	17:00:00"	7.161	72.59	33.03	13.52	6.001	65.79	34.17	11.74	45.98	47.26	-1.287	39.62	36.93	26.193	403.53
"2015-02-16	18:00:00"	8.91	102.9	14.99	14.12	7.352	95.5	17.35	12.33	45.92	46.65	-0.731	40.07	37.84	26.192	202.79
"2015-02-16	19:00:00"	9.62	109.6	9.23	14.12	7.349	102.7	10.54	11.74	43.83	43.79	0.037	43.63	42.17	26.193	27.328
"2015-02-16	20:00:00"	11.15	122.5	6.742	16.51	8.53	115.3	9.42	13.52	41.4	41.33	0.078	48.35	47.09	26.192	0.00777
"2015-02-16	21:00:00"	15.09	124.4	7.233	21.87	11.67	116.9	9.77	18.89	39.77	39.72	0.057	51.28	49.98	26.195	0
"2015-02-16	22:00:00"	11.12	109.2	28.15	18.89	8.82	102	29.96	15.31	38.94	39.06	-0.12	52.56	51.4	26.235	0.0001
"2015-02-16	23:00:00"	12.03	108.7	14.47	23.07	9.34	101.6	16.14	18.89	37.95	37.92	0.028	59.11	59.93	26.261	0.00077

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-02-17	00:00:00"	16.5	116.6	16.62	29.03	13.07	108.9	17.47	24.86	36.33	36.35	-0.019	64.36	64.66	26.257	0.00384	0
"2015-02-17	01:00:00"	12.06	103.6	15.49	21.28	9.42	96	16.57	15.91	33.83	33.88	-0.047	74.04	74.1	26.295	0.04088	0
"2015-02-17	02:00:00"	12.34	99.4	6.863	17.7	9.64	92.6	8.04	15.31	31.15	31.23	-0.089	84.8	84.2	26.302	0.34272	0.01
"2015-02-17	03:00:00"	10.03	95.8	9.63	14.72	7.694	89.1	10.75	12.33	30.95	31.16	-0.206	85	84.6	26.305	0.34023	0.02
"2015-02-17	04:00:00"	9.04	92.8	10.61	14.72	7.055	86.2	11.98	11.74	30.97	31.21	-0.241	83.9	83.6	26.314	0.32506	0.01
"2015-02-17	05:00:00"	8.2	90.4	8.79	11.14	6.357	83.9	10.11	9.35	30.91	31.17	-0.263	83.7	83.5	26.315	0.34253	0
"2015-02-17	06:00:00"	7.213	94.3	10.46	9.95	5.59	88.1	11.43	8.16	31.01	31.3	-0.285	83.5	83.3	26.318	0.34368	0
"2015-02-17	07:00:00"	6.423	98.3	14.48	9.35	5.071	91.4	15.46	8.16	31.09	31.35	-0.264	82.8	82.6	26.33	0.32353	0
"2015-02-17	08:00:00"	4.791	130.6	24.91	7.561	3.796	124	26.24	5.771	31.45	31.71	-0.255	82.2	82	26.342	3.4653	0
"2015-02-17	09:00:00"	3.293	167.3	29.27	6.368	2.536	161	32.32	5.175	31.78	32.01	-0.223	80.9	80.5	26.361	39.657	0
"2015-02-17	10:00:00"	3.596	207.6	28.97	6.964	2.888	201.8	34.58	6.368	32.51	32.81	-0.31	77.69	77.58	26.373	110.41	0
"2015-02-17	11:00:00"	5.382	240.2	21.87	11.14	4.484	235.4	25.28	9.35	33.63	34.19	-0.561	74.74	74.99	26.382	218.74	0
"2015-02-17	12:00:00"	6.869	238.9	24.74	11.74	5.657	233.6	28.54	9.95	35.5	36.42	-0.921	70.49	70.61	26.387	366.84	0
"2015-02-17	13:00:00"	9.29	270.9	16.51	15.31	7.101	266.6	18.68	11.74	36.82	37.91	-1.09	68.18	67.68	26.379	274.08	0
"2015-02-17	14:00:00"	8.69	273.9	17.07	14.72	6.629	270.1	19.66	12.33	38.17	39.48	-1.31	66.29	64.97	26.355	359.93	0
"2015-02-17	15:00:00"	8.89	288.7	13.34	14.72	6.395	283.7	16.13	12.93	39.62	40.94	-1.32	61.59	60.03	26.333	328.16	0
"2015-02-17	16:00:00"	7.612	302.3	29.05	13.52	5.481	297.1	31.22	12.93	41.46	42.66	-1.201	55.31	53.58	26.323	384.42	0
"2015-02-17	17:00:00"	8.73	337.1	16.27	13.52	6.83	330.4	17.32	11.74	42.87	44.19	-1.315	52.49	50.34	26.32	318.09	0
"2015-02-17	18:00:00"	4.62	357.2	35.94	12.33	3.653	349.4	38.92	11.14	43.58	44.36	-0.779	50.98	49.05	26.319	199.83	0
"2015-02-17	19:00:00"	3.359	147.8	46.78	6.368	2.579	139.4	54.13	5.175	43.33	43.07	0.257	51.85	52.26	26.325	28.861	0
"2015-02-17	20:00:00"	5.036	150.2	13.67	7.561	3.318	137.2	14.18	5.771	42.13	39.95	2.18	53.27	58.96	26.325	0.01208	0
"2015-02-17	21:00:00"	6.459	176.6	12.13	9.35	4.579	169.7	17.07	7.561	39.65	38.74	0.913	58.03	60.29	26.341	0.00509	0
"2015-02-17	22:00:00"	8.44	190	9.61	13.52	6.082	181.9	13.42	11.14	37.62	36.97	0.643	64.09	65.23	26.348	0.0118	0
"2015-02-17	23:00:00"	7.673	191.8	12.12	12.33	5.494	185.9	16.29	10.54	35.67	35.16	0.502	69.54	70.18	26.353	0.01871	0
"2015-02-18	00:00:00"	6.567	210.5	11.57	9.35	4.945	199.4	10.44	7.561	33.85	33.48	0.369	74.21	74.25	26.356	0.09118	0
"2015-02-18	01:00:00"	5.861	210.2	11.21	9.35	4.285	198.9	10.55	6.964	32.94	32.61	0.335	77.44	77.29	26.344	0.14636	0
"2015-02-18	02:00:00"	5.417	210.9	11.15	7.561	3.743	206.4	13.21	5.771	32.96	32.51	0.448	78.39	78.46	26.324	0.14646	0
"2015-02-18	03:00:00"	5.154	223.6	14.34	9.35	3.803	214.2	16.65	8.16	32.34	31.97	0.372	79.3	79.18	26.312	0.14465	0
"2015-02-18	04:00:00"	4.809	232.9	14.41	7.561	3.543	223.1	19.18	5.771	31.54	31.2	0.34	80.9	80.7	26.302	0.32938	0
"2015-02-18	05:00:00"	5.628	218.6	12.56	10.54	4.135	206.3	14.42	8.75	31.56	31.16	0.392	80.3	80.2	26.301	0.34477	0
"2015-02-18	06:00:00"	6.382	216.1	11.64	9.35	4.81	204.7	14.03	7.561	31.21	30.79	0.417	78.99	78.98	26.295	0.3294	0
"2015-02-18	07:00:00"	6.375	215.1	11.82	10.54	4.665	206.3	13.85	7.561	31.15	30.73	0.424	78.75	78.68	26.293	0.31817	0
"2015-02-18	08:00:00"	5.664	206.3	11.18	9.35	3.643	199.4	15.46	7.561	31.35	30.57	0.78	78.66	79.27	26.308	14.307	0
"2015-02-18	09:00:00"	7.23	218.8	12.06	11.74	5.703	211.3	15.5	9.95	32.78	32.88	-0.105	77.32	77.04	26.319	170.58	0
"2015-02-18	10:00:00"	8.25	216	12.8	12.33	6.923	209.9	16.09	10.54	36.46	37.07	-0.616	75.38	74.28	26.326	372.19	0
"2015-02-18	11:00:00"	8.26	221.9	13.27	13.52	6.951	215.4	16.08	11.74	42.1	43	-0.899	61.2	59.54	26.332	555.86	0
"2015-02-18	12:00:00"	10.38	247.2	12.54	15.91	8.65	242.4	15.3	14.12	48.96	50.2	-1.241	48.46	46.05	26.331	695.39	0
"2015-02-18	13:00:00"	9.36	244.4	21.5	15.31	7.755	237.7	24.96	14.12	56.11	57.52	-1.416	35.5	33.42	26.315	772.16	0
"2015-02-18	14:00:00"	9.51	283.2	43.39	18.89	6.641	279.2	44.59	15.31	61.03	62.73	-1.698	23.42	21.78	26.295	780.03	0
"2015-02-18	15:00:00"	11.36	312.2	23.58	20.68	8.04	305.8	24.19	16.51	63.7	65.58	-1.88	13.45	12.04	26.275	707.21	0
"2015-02-18	16:00:00"	10.67	318.9	21.25	20.09	7.512	312.6	22.12	15.91	64.29	65.96	-1.665	14.65	13.08	26.271	597.84	0
"2015-02-18	17:00:00"	10.98	352.5	18.95	19.49	8.64	342.9	18.54	18.3	64.35	65.71	-1.359	15.38	13.76	26.268	422.93	0
"2015-02-18	18:00:00"	9.91	21.73	19.45	15.31	7.821	14.82	22.17	14.72	63.49	63.87	-0.38	15.77	14.65	26.281	220.19	0
"2015-02-18	19:00:00"	8.29	47.64	11.85	12.93	5.516	41.73	13.68	10.54	60.18	57.93	2.258	18.8	20	26.299	32.02	0
"2015-02-18	20:00:00"	9.95	74.59	7.936	12.93	5.48	65.2	9.93	8.75	54.59	50.46	4.127	25.11	28.71	26.321	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-18	21:00:00"	10.61	87.2	5.826	12.93	6.798	77.78	7.972	9.35	48.4	47.07	1.32	40.38	40.99	26.341	0	0
"2015-02-18	22:00:00"	10.94	92.3	5.706	14.72	7.209	82.6	8.14	10.54	47.01	45.9	1.109	45.24	45.97	26.362	0	0
"2015-02-18	23:00:00"	11.39	86.8	5.651	13.52	7.753	75.85	7.843	10.54	43.67	42.64	1.032	51.2	51.91	26.37	0	0
"2015-02-19	00:00:00"	10.24	86.6	5.365	13.52	6.741	74.51	8.29	9.95	41.74	40.62	1.119	55.43	56.61	26.376	0.00048	0
"2015-02-19	01:00:00"	9.65	80.7	3.787	11.74	5.37	65.85	8.66	7.561	40.65	38.41	2.239	57.03	61.04	26.383	0.00729	0
"2015-02-19	02:00:00"	9.1	86.3	2.182	10.54	4.969	65.62	8.39	6.964	40.11	37.08	3.03	57.65	63.72	26.374	0.00413	0
"2015-02-19	03:00:00"	8.37	83.7	3.767	11.14	4.85	66.37	8.17	6.964	39.99	37.71	2.276	58.09	62.76	26.362	0.00326	0
"2015-02-19	04:00:00"	5.901	69.69	12.18	8.75	3.906	33.16	23.45	5.771	39.69	36.09	3.6	59.05	66.47	26.345	0.00288	0
"2015-02-19	05:00:00"	5.588	92.2	10.46	8.75	2.925	49.28	24.84	6.368	40.85	35.83	5.027	56.75	68.86	26.33	0.00864	0
"2015-02-19	06:00:00"	7.613	84.4	6.869	9.35	4.521	68.2	8.62	6.368	38.69	35.75	2.939	61.5	68.56	26.318	0.00662	0
"2015-02-19	07:00:00"	7.247	140.3	30.6	12.33	4.549	116	42.99	10.54	39.49	36.81	2.671	60.94	66.13	26.308	0.05883	0
"2015-02-19	08:00:00"	6.627	195.4	8.4	10.54	4.302	189.3	11.7	6.964	39.5	38.5	1.004	60.71	62.24	26.314	12.934	0
"2015-02-19	09:00:00"	7.461	187	12.1	16.51	5.404	177.1	15.45	14.12	40.6	40.47	0.124	58.9	59.21	26.327	171.04	0
"2015-02-19	10:00:00"	14.49	183.6	7.01	20.68	11.39	172.7	10.13	17.7	45.81	46.37	-0.56	50.62	49.13	26.319	373.36	0
"2015-02-19	11:00:00"	11.81	197	12.49	17.7	9.38	188.6	15.59	14.72	50.67	51.88	-1.208	45.14	42.53	26.316	554.11	0
"2015-02-19	12:00:00"	11.07	206	14.88	16.51	9.01	198.7	18.28	14.72	55.14	56.57	-1.43	40.59	37.92	26.305	695.3	0
"2015-02-19	13:00:00"	11.67	203.8	15.39	20.09	9.43	194.9	18.59	18.3	59.93	61.53	-1.603	35.72	33.17	26.271	776.19	0
"2015-02-19	14:00:00"	11.19	218.3	17.57	18.89	9.12	210.6	20.86	16.51	63.82	65.21	-1.387	31.48	29.1	26.228	707.2	0
"2015-02-19	15:00:00"	11.2	222.1	16.86	18.89	9.17	213.3	20.01	16.51	65.62	66.66	-1.034	28.47	26.36	26.188	570.04	0
"2015-02-19	16:00:00"	10.75	227.7	18.77	17.7	8.88	219.8	22.45	15.31	67.76	68.88	-1.118	26.64	24.5	26.155	612.62	0
"2015-02-19	17:00:00"	11.77	207.4	14.88	18.89	9.45	199.2	17.44	17.1	68.74	69.57	-0.832	27.87	25.86	26.132	436.69	0
"2015-02-19	18:00:00"	11.3	205.7	11.81	17.7	8.82	196.6	12.93	13.52	69.07	69.05	0.02	27.68	26.21	26.116	146.7	0
"2015-02-19	19:00:00"	9.23	186.2	11.1	13.52	6.638	177.9	13.81	9.35	65.74	64.67	1.069	30.74	30.38	26.111	14.181	0
"2015-02-19	20:00:00"	8.05	179.8	8.35	11.74	5.502	170.3	10.64	9.35	62.37	60.69	1.684	33.68	34.22	26.111	0	0
"2015-02-19	21:00:00"	11.28	183.9	9.84	16.51	8.19	174.3	13.35	13.52	59.18	58.05	1.124	40.03	39.96	26.118	0	0
"2015-02-19	22:00:00"	7.573	205.7	10.76	12.93	5.316	202.3	12.4	8.16	53.97	53.25	0.723	51.27	50.82	26.117	0	0
"2015-02-19	23:00:00"	7.145	218.2	12.87	13.52	5.331	207.9	15.83	10.54	51.72	51.14	0.579	56.37	55.9	26.113	0	0
"2015-02-20	00:00:00"	7.69	221.4	12.33	11.14	6.028	213	14.94	9.35	49.96	49.49	0.467	60.14	59.61	26.101	0	0
"2015-02-20	01:00:00"	7.897	224	12.91	11.74	6.191	214.9	15.17	9.95	48.65	48.2	0.452	63.51	63.01	26.088	0	0
"2015-02-20	02:00:00"	7.445	235.6	10.95	10.54	5.697	229.4	13.68	8.75	47.89	47.4	0.484	66.13	65.77	26.069	0	0
"2015-02-20	03:00:00"	7.374	238.1	10.24	11.74	5.467	233	12.72	8.75	46.49	46	0.493	69.54	69.32	26.06	0	0
"2015-02-20	04:00:00"	7.179	235.2	11.37	9.95	5.391	230.6	13.97	8.75	45.34	44.87	0.478	72.11	71.89	26.041	0	0
"2015-02-20	05:00:00"	8.35	239.3	10.44	12.33	6.29	233	12.63	10.54	44.59	44.21	0.374	74.6	74.28	26.035	0	0
"2015-02-20	06:00:00"	9.29	255.3	14.13	12.93	6.854	252.5	14.99	9.95	44.22	43.58	0.638	75.73	75.91	26.035	0	0
"2015-02-20	07:00:00"	8.35	253.6	7.483	11.14	5.821	250.1	10.64	9.95	44.46	43.39	1.061	75.06	75.9	26.034	0	0
"2015-02-20	08:00:00"	6.233	246.2	7.404	9.35	4.284	243.1	10.56	7.561	44.8	43.68	1.123	74.48	75.55	26.033	15.5	0
"2015-02-20	09:00:00"	5.806	246.6	8.16	8.75	4.54	242.9	10.59	8.16	45.73	45.64	0.085	72.98	73	26.047	180.51	0
"2015-02-20	10:00:00"	6.968	227.9	15.64	10.54	5.951	220.6	17.31	9.35	51.48	51.98	-0.5	54.85	53.45	26.066	384.31	0
"2015-02-20	11:00:00"	6.991	248.7	13.49	9.95	5.925	240.9	16.17	8.75	60.94	61.75	-0.803	33.69	32.07	26.052	517.13	0
"2015-02-20	12:00:00"	10.88	277.6	14.76	18.3	8.25	272.3	17.24	15.91	70.54	71.95	-1.409	18.02	16.52	26.034	653.15	0
"2015-02-20	13:00:00"	15.32	274.6	11.04	22.47	11.92	270.2	13.36	20.68	72.84	74.14	-1.303	14.54	12.79	26.014	614.3	0
"2015-02-20	14:00:00"	15.75	267	12.22	24.26	12.24	263.9	14.5	21.28	73.67	75.23	-1.558	12.76	10.99	25.978	703.61	0
"2015-02-20	15:00:00"	16.23	261.4	9.52	23.66	12.65	257.6	13.8	20.68	73.19	73.84	-0.65	11.82	10.22	25.95	342.25	0
"2015-02-20	16:00:00"	15.28	258.6	10.43	23.66	11.87	254.4	14.07	20.68	74.16	74.62	-0.456	10.2	8.66	25.93	320.82	0
"2015-02-20	17:00:00"	14	236.9	15.38	23.07	11.48	231.8	18.14	19.49	74.72	74.97	-0.247	10.42	8.75	25.915	324.81	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-20	18:00:00"	12.3	246.2	15.56	23.07	9.63	240.3	18.32	20.09	73.58	73.23	0.351	10.13	8.67	25.917	95.427	0	
"2015-02-20	19:00:00"	11.14	251.1	11.45	16.51	8.58	245	13.29	13.52	71.05	70.41	0.639	10.48	9.15	25.923	11.287	0	
"2015-02-20	20:00:00"	9.98	243.7	19.03	18.3	7.455	234.9	23.6	15.91	67.45	66.7	0.756	13.55	12.32	25.935	0	0	
"2015-02-20	21:00:00"	12.8	276.6	11.2	18.89	9.2	273	12.6	15.91	66.28	65.51	0.771	15.96	14.84	25.949	0	0	
"2015-02-20	22:00:00"	11.19	291.4	6.993	18.3	6.464	290.2	9.77	12.33	63.72	62.35	1.363	18.42	17.89	25.959	0	0	
"2015-02-20	23:00:00"	10.63	294.8	13.18	20.09	6.039	293.8	17.51	18.3	61.38	58.42	2.953	20.12	21.07	25.964	0	0	
"2015-02-21	00:00:00"	14.7	279	8.04	23.66	10.61	274.1	10.36	18.89	63.8	62.98	0.822	17.77	16.78	25.964	0	0	
"2015-02-21	01:00:00"	15.16	281.5	9.64	22.47	10.92	277.2	12.21	19.49	63.84	63.13	0.712	17.49	16.4	25.971	0	0	
"2015-02-21	02:00:00"	13.22	289.8	6.996	21.28	8.67	285.4	9.57	17.1	62.96	62.04	0.917	18.46	17.62	25.981	0	0	
"2015-02-21	03:00:00"	14.5	319.1	32.96	31.42	9.46	312.6	30.74	24.26	60.19	59.32	0.867	22.23	21.38	26.004	0	0	
"2015-02-21	04:00:00"	19.92	25.58	8.08	29.03	15.56	16.91	13.96	24.26	49.06	48.95	0.115	45.91	44.36	26.042	0	0	
"2015-02-21	05:00:00"	16.19	32.93	6.428	23.07	12.73	26.16	10.82	21.28	45.98	45.82	0.152	51.8	50.48	26.071	0	0	
"2015-02-21	06:00:00"	15.04	38.89	6.671	21.28	11.91	32.54	9.73	19.49	44.32	44.22	0.099	55.58	54.33	26.089	0	0	
"2015-02-21	07:00:00"	14.27	43.01	6.819	22.47	11.5	36.24	9	18.89	43.57	43.35	0.213	58.45	57.42	26.104	0	0	
"2015-02-21	08:00:00"	11	35.55	6.639	14.72	8.32	28.89	10.66	12.33	41.55	41.13	0.418	63.05	62.61	26.12	9.164	0	
"2015-02-21	09:00:00"	12.21	34.48	8.65	20.09	9.73	27.56	12.71	16.51	43.01	43.36	-0.352	61.8	60.18	26.152	168.25	0	
"2015-02-21	10:00:00"	12.96	46.47	11.28	18.89	10.71	40.36	13.31	16.51	45.48	46.54	-1.053	57.6	54.66	26.177	368.93	0	
"2015-02-21	11:00:00"	9.33	69.48	21.87	15.31	7.714	62.48	23.53	12.33	48.17	49.65	-1.483	53.31	49.77	26.189	554.35	0	
"2015-02-21	12:00:00"	7.327	100.7	39.92	14.12	6.128	94.6	40.29	11.74	51.15	52.74	-1.589	47.95	44.33	26.179	692.26	0	
"2015-02-21	13:00:00"	6.096	135.3	34.73	11.74	5.188	124.1	37.02	10.54	53.58	55	-1.417	44.38	41.03	26.166	748.56	0	
"2015-02-21	14:00:00"	6.36	141.9	32.62	12.93	5.328	134.5	35.44	11.14	55.7	56.86	-1.156	41.05	38.35	26.116	589.11	0	
"2015-02-21	15:00:00"	8.2	174.5	26.95	18.3	6.777	166.7	29.83	15.31	58.35	59.86	-1.51	37.69	35.09	26.089	705.98	0	
"2015-02-21	16:00:00"	11.58	183.9	13.96	18.3	9.33	174.5	17.25	15.31	60.31	61.83	-1.517	35.43	32.75	26.07	490.14	0	
"2015-02-21	17:00:00"	11.97	167.9	14.63	18.89	9.66	157.6	15.9	15.91	61.29	62.09	-0.798	35.7	33.61	26.048	267.74	0	
"2015-02-21	18:00:00"	11.59	166.2	13.61	18.3	9.22	155.9	14.22	15.31	62.13	62.32	-0.188	35.44	33.91	26.044	127.33	0	
"2015-02-21	19:00:00"	9.45	136.2	7.502	12.93	6.598	127.3	9.36	11.14	59.87	59.23	0.643	40.51	39.96	26.049	19.186	0	
"2015-02-21	20:00:00"	8.85	136	6.385	11.14	5.479	127	7.525	7.561	56.23	54.94	1.298	45.82	46.47	26.065	0	0	
"2015-02-21	21:00:00"	9.13	120.1	8.14	12.33	5.918	107.3	11.05	8.75	53.66	52.35	1.305	50.83	51.73	26.071	0	0	
"2015-02-21	22:00:00"	12.24	122.6	7.679	18.3	8.92	114.5	10.24	16.51	52.88	52.1	0.78	51.92	52.05	26.073	0	0	
"2015-02-21	23:00:00"	11.78	123.4	9.2	17.7	9.02	116.2	11.01	15.31	51.72	51.37	0.345	54.56	53.82	26.083	0	0	
"2015-02-22	00:00:00"	7.939	111.1	9.71	12.33	5.73	100.6	11.43	9.35	49.38	48.89	0.487	59.57	59.21	26.085	0	0	
"2015-02-22	01:00:00"	11.3	96.6	7.941	15.91	8.37	87.5	9.73	13.52	47.19	46.85	0.339	64.41	63.88	26.085	0	0	
"2015-02-22	02:00:00"	12.38	82.7	8.26	18.89	9.3	75.37	9.47	14.72	44.93	44.73	0.198	69.66	68.88	26.082	0	0	
"2015-02-22	03:00:00"	13.84	79.94	7.834	18.3	10.62	73.01	9.2	15.91	43.17	43.1	0.066	73.09	72.12	26.085	0	0	
"2015-02-22	04:00:00"	13.67	76.2	7.938	18.89	10.36	70.94	10.08	17.1	41.88	41.96	-0.079	75.85	74.64	26.088	0	0	
"2015-02-22	05:00:00"	16.38	73.69	8.06	27.84	12.21	68.43	10.96	21.28	41.24	41.37	-0.128	78.15	76.84	26.099	0	0	
"2015-02-22	06:00:00"	18.21	81	15.41	28.43	14.11	73.41	16.26	23.66	40.97	41.11	-0.146	79.7	78.38	26.101	0	0	
"2015-02-22	07:00:00"	15.49	76.48	10.17	23.07	11.97	70.78	11.32	18.89	40.79	40.9	-0.109	80.9	79.72	26.127	0	0	
"2015-02-22	08:00:00"	17.23	53.62	11.65	24.26	13.87	47	12.91	21.87	41.29	41.47	-0.178	80.7	79.38	26.174	3.5618	0	
"2015-02-22	09:00:00"	21.21	51.98	9.23	33.21	17.31	45.44	10.82	26.05	40.78	41.1	-0.315	80.9	79.34	26.22	43.762	0	
"2015-02-22	10:00:00"	23.18	49.36	9.11	33.8	18.96	42.63	10.66	29.63	38.86	39.28	-0.415	81	79.19	26.256	52.897	0	
"2015-02-22	11:00:00"	20.36	50.39	8.48	33.21	16.65	43.83	9.99	30.22	39.12	39.59	-0.469	83.6	82.3	26.303	96.929	0	
"2015-02-22	12:00:00"	21.19	51.6	8.12	29.03	17.42	44.98	9.41	26.65	39.27	39.83	-0.556	82.9	81.8	26.324	142.58	0	
"2015-02-22	13:00:00"	21.59	58.12	8.78	30.22	17.45	51.8	10.02	27.24	38.21	38.82	-0.611	81.8	80.1	26.343	122.22	0	
"2015-02-22	14:00:00"	23	46.85	12.77	32.61	18.75	40.27	14.07	28.43	34.04	34.58	-0.541	82.9	82.7	26.341	111.04	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-22	15:00:00"	22.27	38.63	8.26	31.42	18.17	31.99	11.3	27.24	29.62	30.32	-0.701	82.7	83.1	26.345	151.81	0	
"2015-02-22	16:00:00"	21.93	37.05	9.59	29.63	17.89	30.35	13.08	27.24	27.02	27.68	-0.658	81.3	81.4	26.357	103.29	0	
"2015-02-22	17:00:00"	20.4	43.67	9.75	28.43	16.79	37.14	11.81	24.86	24.66	25.28	-0.621	80.1	79.81	26.375	67.645	0	
"2015-02-22	18:00:00"	19.55	46.35	8.1	27.84	16.23	40.09	9.55	23.66	23.71	24.23	-0.527	79.04	78.27	26.395	28.818	0	
"2015-02-22	19:00:00"	16.66	47.1	8.6	24.26	13.64	40.59	10.29	21.28	23.36	23.79	-0.432	79.5	78.95	26.421	4.7487	0	
"2015-02-22	20:00:00"	16.47	41.77	7.858	22.47	13.56	35.04	10.47	20.09	22.55	22.94	-0.391	80.9	80.5	26.434	0.04032	0	
"2015-02-22	21:00:00"	16.26	48.41	9.42	24.26	13.55	41.74	11.06	21.28	21.68	22.08	-0.406	81.1	80.6	26.457	0.00778	0	
"2015-02-22	22:00:00"	14.02	55.04	11.84	19.49	11.58	48.34	13.34	17.7	21.33	21.76	-0.431	81.8	81.1	26.492	0.00086	0	
"2015-02-22	23:00:00"	14.79	49.31	9	22.47	12.26	42.55	10.5	20.09	20.84	21.26	-0.414	81.1	80.6	26.498	0	0	
"2015-02-23	00:00:00"	14.53	48.8	10.15	20.68	12.21	42.18	11.66	18.89	20.58	20.97	-0.382	80.7	80	26.509	0	0	
"2015-02-23	01:00:00"	13.07	51.19	9.41	19.49	11	44.8	10.75	17.7	20.36	20.8	-0.435	81	80.4	26.514	0.00086	0	
"2015-02-23	02:00:00"	13.27	49.28	7.803	18.89	11.28	43.38	9.22	17.1	19.99	20.44	-0.444	81	80.5	26.513	0.00019	0	
"2015-02-23	03:00:00"	12.56	44.02	10.92	18.3	10.81	37.07	13.13	17.1	19.47	19.88	-0.415	80.4	79.88	26.518	0.0001	0	
"2015-02-23	04:00:00"	12.79	41.36	9.14	17.7	11.17	34.29	11.79	17.1	18.66	19.08	-0.426	79.86	79.35	26.514	0	0	
"2015-02-23	05:00:00"	11.23	43.74	8.11	17.1	10.21	37.12	10.44	16.51	18.45	18.88	-0.43	80.4	79.77	26.517	0	0	
"2015-02-23	06:00:00"	11.41	45.37	10.22	18.89	10.44	38.43	11.7	17.1	18.09	18.52	-0.43	80.2	79.58	26.514	0	0	
"2015-02-23	07:00:00"	10.98	37.41	10.56	15.91	9.83	30.83	13.63	14.72	17.59	18.02	-0.429	79.29	78.78	26.54	0	0	
"2015-02-23	08:00:00"	9.46	47.13	11.45	14.72	8.65	40.35	13.71	13.52	17.33	17.8	-0.467	79.82	79.24	26.549	4.9016	0	
"2015-02-23	09:00:00"	1.99	63.74	8.72	11.74	7.989	57.52	10.44	14.72	17.54	18.1	-0.556	79.92	79.44	26.555	37.037	0	
"2015-02-23	10:00:00"	1	58.52	11.75	1	7.997	51.99	13.42	12.93	17.71	18.37	-0.659	78.9	78.72	26.576	61.855	0	
"2015-02-23	11:00:00"	1	54.21	12.76	1	8.38	47.83	13.93	12.33	17.99	18.73	-0.739	77.91	78.02	26.573	106.46	0	
"2015-02-23	12:00:00"	1	42.09	11.47	1	8.26	35.18	13.24	12.93	18.41	19.26	-0.85	75.12	76.07	26.568	154.09	0	
"2015-02-23	13:00:00"	1	43.37	11.89	1	7.831	37.5	14.85	11.74	18.89	19.89	-0.997	73.76	75.03	26.541	207.36	0	
"2015-02-23	14:00:00"	1	47.61	17.05	1	6.93	40.62	19.7	11.74	19.31	20.38	-1.077	74.3	75.45	26.51	212.71	0	
"2015-02-23	15:00:00"	1	53.71	16.97	1	5.493	46.81	18.73	8.75	20.18	21.17	-0.987	74.38	75.22	26.469	191.41	0	
"2015-02-23	16:00:00"	1	49.59	17.17	1	4.695	43.18	20.11	8.16	20.91	21.77	-0.862	74.34	74.82	26.444	156.94	0	
"2015-02-23	17:00:00"	1	54.62	18.42	1	5.056	48.64	18.99	8.75	21.39	22.08	-0.69	75.05	75.2	26.426	88.482	0	
"2015-02-23	18:00:00"	1	47.48	14.37	1	4.123	41.18	17.61	7.561	21.67	22.25	-0.572	75.57	75.58	26.417	50.251	0	
"2015-02-23	19:00:00"	1	73.9	22.49	1	3.146	68.21	25.58	5.175	21.89	22.23	-0.333	75.89	75.54	26.407	7.8325	0	
"2015-02-23	20:00:00"	1	84	20.89	1	2.649	77.54	22.04	4.578	21.89	22.18	-0.288	76.45	75.98	26.406	0.08525	0	
"2015-02-23	21:00:00"	1	88.9	28.7	1	2.702	83	31.37	5.771	21.85	22.13	-0.278	76.47	75.95	26.404	0.07393	0	
"2015-02-23	22:00:00"	1	132.5	79.49	1	1.743	133.7	66.89	4.578	21.91	22.13	-0.226	76.34	75.66	26.406	0.02525	0	
"2015-02-23	23:00:00"	1	336.3	31.01	1	2.056	327.2	32.99	5.175	21.96	22.19	-0.229	76.65	76.36	26.404	0.01738	0	
"2015-02-24	00:00:00"	1	180.2	91.9	1	1.673	192.8	87.8	3.982	22.01	22.23	-0.214	76.67	76.07	26.386	0.03476	0	
"2015-02-24	01:00:00"	1	205.5	51.48	1	1.681	195.6	66.93	4.578	22.16	22.36	-0.194	76.79	75.98	26.366	0.01267	0	
"2015-02-24	02:00:00"	1	283.2	64.48	1	1.597	273.7	64.04	3.982	22.33	22.56	-0.222	76.85	76.38	26.348	0.06145	0	
"2015-02-24	03:00:00"	1	266	30.32	1	2.499	264.1	34.38	5.771	22.52	22.73	-0.208	76.91	76.43	26.329	0.01066	0	
"2015-02-24	04:00:00"	1	298.9	31.5	1	2.249	291.6	32.69	5.771	22.72	22.91	-0.188	76	75.72	26.313	0.00221	0	
"2015-02-24	05:00:00"	1	335.2	24.63	1	2.021	326.4	20.61	4.578	22.91	23.08	-0.168	76.03	75.86	26.299	0.02784	0	
"2015-02-24	06:00:00"	1	358.5	32.88	1	1.771	349.2	31.6	3.982	23.07	23.21	-0.139	74.87	74.78	26.295	0.00326	0	
"2015-02-24	07:00:00"	1	2.59	24.77	1	2.372	350.4	27.64	4.578	23.27	23.42	-0.147	75.11	75.17	26.296	0.05895	0	
"2015-02-24	08:00:00"	1	340.9	23.52	1	2.271	332.1	21.12	5.175	23.33	23.37	-0.043	74.7	75.43	26.298	12.294	0	
"2015-02-24	09:00:00"	1	312	10.94	1	3.725	306.2	14.12	6.964	23.73	24.15	-0.422	74.59	74.86	26.304	112.36	0	
"2015-02-24	10:00:00"	1	327.2	16.74	1	4.506	319.1	18.4	8.16	25.7	26.71	-1.008	72.75	72.4	26.307	284.61	0	
"2015-02-24	11:00:00"	1	311.6	27.32	1	3.544	302.6	30.77	10.54	28.92	30.23	-1.318	68.16	67.06	26.309	548.4	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-02-24	12:00:00"	3.855	324.6	42.29	9.35	4.27	316.1	46.09	9.35	32.69	34.36	-1.67	61.09	58.49	26.288	703.4	0
"2015-02-24	13:00:00"	4.201	180.3	75.31	8.75	3.698	183.9	77.92	8.75	35.88	37.1	-1.218	55.13	52.3	26.248	658.29	0
"2015-02-24	14:00:00"	4.089	271.8	75.36	9.95	3.626	258.4	78.82	8.75	38.53	39.76	-1.235	51.29	48.29	26.198	726.31	0
"2015-02-24	15:00:00"	5.139	245.8	52.2	9.95	4.424	238.6	56.27	11.14	41.66	42.98	-1.326	46.43	43.27	26.154	627.75	0
"2015-02-24	16:00:00"	4.444	229.5	46.67	9.35	3.937	227.5	47.95	8.16	43.32	44.48	-1.162	44.02	41.01	26.122	585	0
"2015-02-24	17:00:00"	4.399	185.9	45.82	9.35	3.791	176.5	52.33	8.16	44.05	44.64	-0.587	43.79	41.43	26.088	158.17	0
"2015-02-24	18:00:00"	9.06	340.8	36.01	18.3	6.94	331	34.3	14.72	43.28	43.5	-0.226	46.2	44.48	26.094	38.766	0
"2015-02-24	19:00:00"	9.94	15.44	11.11	15.91	7.456	5.028	15.1	13.52	41.93	41.83	0.098	52.58	51.39	26.095	6.7154	0
"2015-02-24	20:00:00"	11.03	30.83	8.47	15.31	8.42	22.72	13.32	12.93	40.94	40.56	0.373	53.65	53.07	26.068	0.03646	0
"2015-02-24	21:00:00"	7.585	61.32	22.23	14.12	5.841	56.42	25.13	12.33	39.82	39.57	0.247	51.77	51.18	26.068	0.0001	0
"2015-02-24	22:00:00"	4.833	77.74	8.55	6.368	2.56	65.45	19.93	4.578	38.66	37.25	1.405	53.9	56.02	26.093	0.00892	0
"2015-02-24	23:00:00"	5.155	34.71	23.03	7.561	3.078	9.89	31.81	4.578	37.15	35.21	1.94	57.26	60.34	26.096	0.0214	0
"2015-02-25	00:00:00"	7.264	355.6	12.38	9.35	4.48	339.3	13.26	6.964	35.33	34.2	1.124	60.41	62.57	26.11	0.03973	0
"2015-02-25	01:00:00"	4.756	317.4	20.17	8.75	2.438	298.4	28.62	5.771	34.83	34.43	0.399	60.95	61.15	26.114	0.09434	0
"2015-02-25	02:00:00"	8.1	337.5	8.07	11.14	5.673	329.2	9.53	9.35	36.27	36.03	0.241	56.05	56.12	26.099	0.01747	0
"2015-02-25	03:00:00"	9.52	324	12.64	14.12	6.154	318	13.53	10.54	37.18	37	0.186	50.36	49.93	26.103	0.00921	0
"2015-02-25	04:00:00"	6.47	307.1	9.76	8.16	3.121	302.1	10.78	5.175	36.24	35.32	0.917	55.12	55.69	26.091	0.02505	0
"2015-02-25	05:00:00"	7.977	282.1	9	11.74	5.026	280	11.78	8.75	34.93	33.74	1.187	60.37	61.61	26.078	0.08254	0
"2015-02-25	06:00:00"	10.54	300.1	7.735	15.91	5.695	295.7	10.18	10.54	31.84	31.1	0.739	69.19	69.62	26.082	0.12218	0
"2015-02-25	07:00:00"	10	293.6	7.47	14.12	5.752	289.6	9.89	10.54	30.81	30.07	0.74	77.46	77.66	26.082	0.13593	0
"2015-02-25	08:00:00"	9.16	288	7.046	14.72	5.563	285.7	10.14	11.74	30.49	29.68	0.805	78.57	79.1	26.083	22.541	0
"2015-02-25	09:00:00"	9.45	281.9	9.57	15.31	6.892	276.8	11.84	12.33	33.87	34.32	-0.444	72.12	70.79	26.086	196.74	0
"2015-02-25	10:00:00"	12.26	275	11.47	20.09	9.49	271.4	12.89	17.1	41.36	42.36	-1.004	49.84	47.42	26.081	403.13	0
"2015-02-25	11:00:00"	16.41	272.3	11.22	25.45	12.75	269.3	12.76	21.87	46.01	47.36	-1.348	37.9	35.49	26.077	588.93	0
"2015-02-25	12:00:00"	18.05	301.6	11.12	28.43	11.31	296	13.61	22.47	50.84	52.74	-1.899	32.91	30.19	26.059	727.05	0
"2015-02-25	13:00:00"	15.96	299.3	13.57	24.26	10.64	294.2	15.29	18.89	53.78	56	-2.22	30.98	28.06	26.039	803.08	0
"2015-02-25	14:00:00"	15.37	302.1	15.97	23.07	10.16	296.1	17.71	20.09	56.47	58.7	-2.225	28.36	25.55	26.011	809.29	0
"2015-02-25	15:00:00"	15.13	313.6	15.8	25.45	10.01	307.5	16.95	23.66	59.89	62.1	-2.21	25.02	22.34	25.979	728.03	0
"2015-02-25	16:00:00"	13.12	312.8	18.17	23.66	8.84	306.2	19.56	18.89	61.77	63.73	-1.959	23.58	21.09	25.962	620.37	0
"2015-02-25	17:00:00"	11.86	320.9	18.84	19.49	8.04	314.2	18.97	15.91	63.27	64.78	-1.51	20.78	18.65	25.952	441.56	0
"2015-02-25	18:00:00"	10.15	328	15.81	18.3	7.143	321.1	15.9	14.72	63.59	64.27	-0.684	19.4	17.69	25.952	238.25	0
"2015-02-25	19:00:00"	6.347	330.2	12.98	9.95	4.058	325.7	15.54	7.561	62.37	60.46	1.907	21.07	20.97	25.963	43.918	0
"2015-02-25	20:00:00"	4.542	350.8	56.13	6.368	3.303	338.3	51.83	5.175	60.03	55.01	5.02	22.94	25.24	25.981	0.04275	0
"2015-02-25	21:00:00"	4.967	266	14.15	8.75	2.992	259.7	22.37	4.578	57.96	55.6	2.36	26.85	27.48	25.998	0	0
"2015-02-25	22:00:00"	13.69	70.1	33.21	28.43	10.51	68.49	34.03	23.66	54.62	53.84	0.777	27.88	27.45	26.03	0	0
"2015-02-25	23:00:00"	15.24	86.9	7.946	26.05	11.57	79.18	9.5	20.68	51.4	50.95	0.445	30.87	29.8	26.033	0	0
"2015-02-26	00:00:00"	16.12	37.13	16.35	23.07	12.59	29.33	19.03	20.68	47.47	46.93	0.535	36.84	36.03	26.066	0	0
"2015-02-26	01:00:00"	13.85	39.31	10	20.68	10.84	31.78	13.18	18.3	44.14	43.62	0.518	45.99	45.18	26.088	0	0
"2015-02-26	02:00:00"	12.33	22.16	20.73	23.07	9.14	11.26	24.57	18.89	44.43	44.16	0.268	52.96	51.9	26.112	0	0
"2015-02-26	03:00:00"	11.96	38.49	10.31	18.89	9.22	30.57	13.7	16.51	44.56	43.99	0.573	59.25	58.72	26.125	0	0
"2015-02-26	04:00:00"	11.43	33.87	6.221	17.1	8.3	26.07	10.09	14.72	41.66	40.82	0.838	65.78	66.03	26.132	0	0
"2015-02-26	05:00:00"	14.14	30.35	9.5	23.07	10.78	21.62	14.02	19.49	41.04	40.57	0.472	68.32	68.14	26.157	0.0001	0
"2015-02-26	06:00:00"	20.32	46.91	9.41	33.21	16.58	40.74	10.89	30.22	40.38	40.28	0.102	70.73	69.83	26.181	0.0001	0
"2015-02-26	07:00:00"	22	49.09	10.59	30.22	17.95	42.31	12.29	26.65	35.64	35.85	-0.209	75.32	73.81	26.222	0.00048	0
"2015-02-26	08:00:00"	20.77	60.05	9.81	30.82	16.47	53.91	11.66	27.24	34.35	34.58	-0.225	71.27	69.75	26.248	4.467	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2015-02-26	09:00:00"	21.15	62.65	9.51	29.63	16.45	56.47	11.32	26.65	33.75	34.31	-0.554	71.64	69.49	26.277	75.167	0
"2015-02-26	10:00:00"	14.48	123.6	85	36.19	16.37	51.7	12.09	27.24	33.04	33.43	-0.387	67.88	65.87	26.313	105.58	0
"2015-02-26	11:00:00"	24.27	51.38	9.3	32.61	16.94	59.99	55.76	29.03	31.15	32.38	-1.233	65.53	62.14	26.32	198.38	0.1
"2015-02-26	12:00:00"	21.25	50.97	9.5	30.22	17.07	51.24	11.79	28.43	30.71	31.94	-1.231	62.61	59.1	26.335	241.03	0
"2015-02-26	13:00:00"	18.44	57.77	9.62	26.65	14.58	58.18	11.56	24.26	29	29.97	-0.975	61.45	58.52	26.341	162.55	0
"2015-02-26	14:00:00"	16.47	57.25	12.19	22.47	13.3	57.57	14.37	20.09	28.86	29.89	-1.032	62.31	59.26	26.337	199.52	0
"2015-02-26	15:00:00"	14.16	48.58	11.21	21.28	11.89	48.52	12.59	18.89	27.82	28.74	-0.922	61.4	58.43	26.343	133.75	0
"2015-02-26	16:00:00"	15.53	56.28	10.39	21.87	12.5	56.67	12.5	19.49	27.76	28.79	-1.029	58.81	55.83	26.333	174.07	0
"2015-02-26	17:00:00"	17.23	63.57	10.47	24.26	13.58	64.16	12.6	21.87	27.75	28.81	-1.064	56.83	53.6	26.311	195.4	0
"2015-02-26	18:00:00"	14.34	60.01	11.78	22.47	11.27	61.17	13.55	18.3	26.94	27.62	-0.678	56.34	53.76	26.315	52.721	0
"2015-02-26	19:00:00"	13.66	73.78	10.8	21.87	10.57	74.24	11.71	18.3	26.6	27.01	-0.411	53.08	51.01	26.336	8.4521	0
"2015-02-26	20:00:00"	16.01	74.95	8.76	23.07	12.25	75.3	10.06	18.89	26.49	26.78	-0.293	53.41	51.48	26.329	0.09591	0
"2015-02-26	21:00:00"	15.52	79.46	8.2	23.07	12.04	79.12	9.06	18.3	26.22	26.49	-0.272	52.68	50.81	26.339	0.02774	0
"2015-02-26	22:00:00"	15.12	85.2	8.34	20.68	11.65	84.4	9.97	18.3	25.96	26.26	-0.303	52.41	50.53	26.346	0.04541	0
"2015-02-26	23:00:00"	14.52	91.8	7.789	20.09	11.48	90.6	9.42	17.1	25.25	25.56	-0.313	50.96	49.06	26.35	0.01363	0
"2015-02-27	00:00:00"	13.83	88.5	7.999	20.68	10.69	86.9	9.71	18.3	24.6	24.91	-0.316	51.77	49.9	26.343	0.00979	0
"2015-02-27	01:00:00"	14.45	89.6	8.29	21.87	11.21	88.8	9.77	17.1	24.01	24.34	-0.328	48.69	46.83	26.326	0.04339	0
"2015-02-27	02:00:00"	13.26	86.9	8.86	18.89	10.2	86.6	10.58	16.51	23.29	23.58	-0.299	51.92	50.53	26.318	0.00211	0
"2015-02-27	03:00:00"	11.46	90.9	9.19	17.1	9.06	90.1	10.77	13.52	21.02	21.29	-0.27	68.97	68.57	26.318	0.00029	0
"2015-02-27	04:00:00"	10.65	70.58	10.8	14.72	8.12	71.42	12.26	12.93	19.66	19.91	-0.248	74.36	73.88	26.321	0.0001	0
"2015-02-27	05:00:00"	12.75	83.9	7.96	19.49	9.8	83.1	9.47	15.91	19.07	19.3	-0.226	75.61	75.07	26.31	0.00029	0
"2015-02-27	06:00:00"	12.71	86.9	9.3	18.89	10	86	10.31	15.31	18.27	18.55	-0.278	78.24	77.58	26.317	0	0
"2015-02-27	07:00:00"	13.93	83.5	7.075	19.49	10.82	82.6	8.93	17.1	17.07	17.38	-0.314	79.35	78.58	26.326	0	0
"2015-02-27	08:00:00"	13.3	76.89	8.57	20.09	10.28	77.24	9.69	16.51	16.56	16.83	-0.279	78.61	77.89	26.349	6.326	0
"2015-02-27	09:00:00"	14.76	81.2	8.11	21.87	11.55	80.6	9.29	18.89	16.5	16.85	-0.355	78.99	78.36	26.361	42.112	0
"2015-02-27	10:00:00"	15.89	82.1	7.434	21.87	12.38	80.8	9.15	18.3	16.55	17	-0.447	78.52	77.93	26.379	100.73	0
"2015-02-27	11:00:00"	14.91	87.5	7.944	20.68	11.89	86.7	9.83	19.49	16.88	17.45	-0.57	77.41	77.1	26.378	159.34	0
"2015-02-27	12:00:00"	14.83	91.3	8.14	21.28	12.07	90.3	9.75	17.1	17.28	17.94	-0.667	75.72	75.68	26.373	240.32	0
"2015-02-27	13:00:00"	12.96	86.3	10.4	17.7	10.54	86	11.77	14.72	17.38	18.09	-0.712	73.96	73.98	26.361	235.29	0
"2015-02-27	14:00:00"	12.18	93.2	12.29	17.1	10.13	93	13.51	14.72	17.76	18.47	-0.706	73.72	73.59	26.33	232.96	0
"2015-02-27	15:00:00"	12.1	106.3	11.38	16.51	9.99	105.6	13.63	14.72	18.7	19.5	-0.8	73.38	73.38	26.303	243.45	0
"2015-02-27	16:00:00"	11.81	109	11.65	15.91	9.81	108.8	13.61	14.72	19.57	20.35	-0.779	72.55	72.45	26.283	215.53	0
"2015-02-27	17:00:00"	11.75	102.2	9.98	15.91	9.64	101.3	11.86	13.52	19.67	20.31	-0.649	73.62	73.2	26.277	119.91	0
"2015-02-27	18:00:00"	12.24	102.7	8.95	15.91	9.96	101.7	10.78	15.31	19.16	19.65	-0.49	75.5	74.86	26.279	46.216	0
"2015-02-27	19:00:00"	12.52	99.4	8.37	16.51	10.06	98.4	9.9	14.72	18.62	19.02	-0.391	77.23	76.48	26.277	8.2889	0
"2015-02-27	20:00:00"	12.64	93.6	7.938	17.1	10.15	93.1	9.39	14.72	18.02	18.39	-0.369	79.36	78.47	26.284	0.03342	0
"2015-02-27	21:00:00"	13.83	97.8	7.433	18.3	11.05	97.6	9.29	15.91	17.44	17.77	-0.335	80.1	79.67	26.294	0	0
"2015-02-27	22:00:00"	13.55	98.9	7.519	18.3	10.91	98.2	9.24	15.91	17.07	17.38	-0.311	79.8	79.6	26.302	0	0
"2015-02-27	23:00:00"	13.19	96.8	8.05	17.1	10.59	95.6	9.96	14.72	16.93	17.24	-0.315	79.49	79.28	26.304	0	0
"2015-02-28	00:00:00"	11.54	98	8.54	15.91	9.4	97.3	10.22	13.52	16.76	17.07	-0.316	79.26	79.07	26.306	0	0
"2015-02-28	01:00:00"	11.16	93.6	8.08	15.31	9.03	92.4	9.61	13.52	16.39	16.71	-0.315	79.02	78.85	26.297	0	0
"2015-02-28	02:00:00"	9.91	88.7	8.9	14.12	7.983	87.7	10.74	11.74	16.51	16.85	-0.339	79.02	78.87	26.288	0	0
"2015-02-28	03:00:00"	9.34	86.8	8.08	12.33	7.823	85.6	9.71	11.74	16.48	16.81	-0.332	78.94	78.75	26.277	0	0
"2015-02-28	04:00:00"	8.13	93.9	7.946	12.93	7.82	92.7	10.11	11.74	16.55	16.86	-0.317	78.95	78.7	26.264	0	0
"2015-02-28	05:00:00"	1	93.1	10.25	1	6.792	91.6	11.94	9.95	16.82	17.13	-0.316	79.08	78.81	26.262	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-02-28	06:00:00"	1	93.7	9.7	1	6.136	92.7	10.96	9.35	17.12	17.41	-0.286	79.22	78.92	26.269	0	0
"2015-02-28	07:00:00"	1	98.6	9.09	1	6.392	97.6	10.57	9.35	17.44	17.67	-0.237	79.32	78.99	26.27	0.0001	0
"2015-02-28	08:00:00"	1	100.8	9.81	1	6.209	99.9	11.53	9.35	17.69	17.85	-0.166	79.39	79.03	26.272	5.5365	0
"2015-02-28	09:00:00"	1	107.3	11.43	1	5.495	107.2	14.32	8.16	18.35	18.55	-0.206	79.75	79.47	26.28	46.451	0
"2015-02-28	10:00:00"	1	109.3	12.07	1	5.641	108.6	14.13	8.75	19.54	19.82	-0.282	80.4	80.2	26.287	111.02	0
"2015-02-28	11:00:00"	1	126.5	13.94	1	5.404	125.2	15.37	8.16	20.76	21.17	-0.417	81.1	80.8	26.294	159.56	0
"2015-02-28	12:00:00"	1	134.2	14.9	1	5.366	133.7	15.68	8.16	22.47	23.01	-0.533	82.2	82	26.287	214.7	0
"2015-02-28	13:00:00"	1	131.8	15.35	1	5.988	130.4	16.04	9.35	24	24.67	-0.662	83.1	82.9	26.269	217.35	0
"2015-02-28	14:00:00"	1	151.2	21.39	1	5.809	149.7	22.36	8.75	25.1	25.8	-0.708	83.7	83.6	26.246	205.91	0
"2015-02-28	15:00:00"	1	159.5	15.15	1	6.075	156.3	16.39	9.95	25.99	26.6	-0.613	84.3	84.1	26.222	182.12	0
"2015-02-28	16:00:00"	1	163.8	12.51	1	6.342	159.9	14.59	10.54	27.41	27.89	-0.484	85.2	85	26.207	135.63	0
"2015-02-28	17:00:00"	1	162.9	13.77	1	6.584	159.4	15.75	10.54	28.25	28.63	-0.377	85.7	85.5	26.204	84.026	0
"2015-02-28	18:00:00"	1	130.8	19	1	6.01	129.6	18.87	9.35	29.36	29.59	-0.227	86.4	86.1	26.203	35.883	0
"2015-02-28	19:00:00"	1	116.3	15.4	1	4.971	114.4	17.33	7.561	29.93	30.04	-0.109	86.8	86.4	26.218	5.7622	0
"2015-02-28	20:00:00"	1	116.9	11.39	1	5.893	117	13.08	8.75	29.76	29.86	-0.095	86.8	86.4	26.231	0.31095	0
"2015-02-28	21:00:00"	1	121	9.59	1	5.676	121.6	11.33	8.75	29.71	29.8	-0.095	86.8	86.5	26.25	0.3123	0
"2015-02-28	22:00:00"	1	132.3	9.31	1	5.693	131.5	10.27	8.75	29.79	29.88	-0.091	86.9	86.5	26.265	0.33543	0
"2015-02-28	23:00:00"	1	130.2	9.28	1	5.779	130.4	10.58	9.35	29.58	29.65	-0.071	86.8	86.4	26.273	0.33773	0
"2015-03-01	00:00:00"	1	156	15.7	1	6.149	154.8	17.45	11.14	29.67	29.73	-0.062	86.8	86.4	26.276	0.33907	0
"2015-03-01	01:00:00"	1	153.8	12.65	1	4.927	151.7	12.77	7.561	29.71	29.78	-0.071	86.8	86.4	26.277	0.34205	0
"2015-03-01	02:00:00"	1	162.9	12.03	1	5.455	161.2	13.5	9.35	29.82	29.88	-0.06	86.9	86.5	26.273	0.33936	0
"2015-03-01	03:00:00"	1	162.3	12.11	1	5.532	160.6	13.78	8.75	29.82	29.88	-0.055	86.9	86.5	26.269	0.34358	0
"2015-03-01	04:00:00"	1	160.1	12.39	1	5.494	157.8	13.83	8.75	29.94	29.99	-0.053	87	86.5	26.263	0.34397	0
"2015-03-01	05:00:00"	1	164.3	14.6	1	4.887	162.4	16.39	8.16	30	30.06	-0.062	87	86.5	26.263	0.34493	0
"2015-03-01	06:00:00"	1	151.9	22.16	1	3.788	157.2	20.51	6.368	30.11	30.16	-0.053	87.1	86.6	26.27	0.34541	0
"2015-03-01	07:00:00"	1	158.4	22.26	1	4.329	163.3	22.5	8.16	30.22	30.28	-0.056	87.2	86.7	26.286	0.3455	0
"2015-03-01	08:00:00"	1	165.1	14.93	1	4.852	162.6	17.38	8.16	30.29	30.34	-0.054	87.2	86.7	26.301	6.529	0
"2015-03-01	09:00:00"	1	170.4	19.69	1	4.338	170.7	23.69	6.964	30.52	30.62	-0.103	87.3	86.9	26.316	42.111	0
"2015-03-01	10:00:00"	1	175.5	22.51	1	3.475	177.6	26.87	6.964	31.02	31.16	-0.138	87.5	87.1	26.34	78.171	0
"2015-03-01	11:00:00"	1	167.1	20.82	1	3.344	166.1	30.15	6.368	31.84	32.11	-0.278	87.8	87.5	26.355	149.81	0
"2015-03-01	12:00:00"	1	169	27.53	1.596	3.23	167.5	30.89	8.16	33.3	33.94	-0.638	88.3	87.9	26.358	227.6	0
"2015-03-01	13:00:00"	5.483	128.4	21.97	10.54	4.73	129.7	26.96	9.35	35.05	35.74	-0.683	88.3	86.2	26.35	295.12	0
"2015-03-01	14:00:00"	5.986	124	23.65	11.14	5.045	122.4	26.51	9.35	37.22	38.33	-1.117	81	77.75	26.335	410.38	0
"2015-03-01	15:00:00"	7.004	119	21.21	11.74	5.961	118	23.28	9.95	39.34	40.68	-1.349	76.76	72.72	26.318	466.79	0
"2015-03-01	16:00:00"	9.08	104.7	17.14	15.91	7.593	104.7	19.79	14.12	40.04	41.17	-1.124	74.59	71.57	26.308	377.56	0
"2015-03-01	17:00:00"	10.65	92.8	12.76	16.51	8.77	92.5	14.3	13.52	39.65	40.62	-0.972	73.99	71.09	26.31	231.31	0
"2015-03-01	18:00:00"	10.44	91.5	12.04	14.72	8.49	90.7	13.37	12.33	37.81	38.42	-0.612	77.09	74.84	26.319	72.626	0
"2015-03-01	19:00:00"	11.67	77.08	11.44	17.1	9.04	77.31	12.09	14.72	36.45	36.81	-0.356	79.28	77.55	26.323	14.091	0
"2015-03-01	20:00:00"	11.26	72.01	11.31	16.51	8.68	72.61	12.29	14.12	35.13	35.4	-0.27	82.6	81.1	26.355	0.03511	0
"2015-03-01	21:00:00"	10.96	83.8	9.63	15.31	8.61	83.5	11.1	12.33	33.98	34.25	-0.27	85	83.5	26.397	0.00163	0
"2015-03-01	22:00:00"	12.37	70.76	11.42	18.89	9.64	71.74	12.8	14.72	32.9	33.14	-0.233	86.5	85.4	26.402	0.15709	0
"2015-03-01	23:00:00"	11.23	62.79	11.95	16.51	8.77	63.79	13.79	15.91	31.81	32.04	-0.23	87.2	86.2	26.426	0.3454	0
"2015-03-02	00:00:00"	10.07	59.47	12.14	15.31	7.921	61.05	14.28	12.93	31.08	31.33	-0.256	87	85.9	26.434	0.2932	0
"2015-03-02	01:00:00"	10.72	49.5	9.09	16.51	8.72	50.29	10.61	15.31	30.43	30.68	-0.247	87.2	86.4	26.434	0.3455	0
"2015-03-02	02:00:00"	10.14	48.83	11.74	14.72	8.25	49.5	13.06	12.93	30.13	30.36	-0.23	87.4	86.7	26.435	0.34551	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2015-03-02	03:00:00"	9.93	37.53	9.09	13.52	8.25	37.93	11.14	11.74	29.8	30.03	-0.231	87.4	86.8	26.426	0.3455	0
"2015-03-02	04:00:00"	10.05	45.96	8.12	14.72	8.29	46.24	9.86	13.52	29.95	30.17	-0.218	87.3	86.9	26.405	0.34551	0
"2015-03-02	05:00:00"	8.35	61.68	10.6	11.74	6.684	63.27	12.9	10.54	30.13	30.32	-0.184	87.4	86.9	26.404	0.34551	0
"2015-03-02	06:00:00"	9.49	65.54	9.56	16.51	7.52	67.55	12.13	13.52	30	30.15	-0.156	87.4	86.9	26.39	0.3455	0
"2015-03-02	07:00:00"	7.576	58.26	10.47	14.12	6.267	59.09	12.6	12.33	29.93	30.09	-0.167	87.3	86.9	26.395	0.34551	0
"2015-03-02	08:00:00"	6.799	77.45	11.07	9.95	5.552	77.6	12.22	8.75	29.97	30.14	-0.174	87.4	86.9	26.404	4.787	0
"2015-03-02	09:00:00"	8.39	92.8	12.84	11.14	6.936	92.2	14.17	10.54	29.99	30.27	-0.276	87.4	87	26.401	38.953	0
"2015-03-02	10:00:00"	9.17	112.8	10.57	12.93	7.673	113.7	13.53	11.14	30.34	30.78	-0.439	87.5	87.2	26.403	89.354	0
"2015-03-02	11:00:00"	8.2	109.5	16.25	12.33	7.01	109.5	18.33	11.14	30.99	31.63	-0.638	87.8	87.5	26.399	173.24	0
"2015-03-02	12:00:00"	7.926	119.7	19.41	12.33	6.931	120	21.01	11.14	31.99	32.79	-0.797	88	87.4	26.378	221.88	0
"2015-03-02	13:00:00"	9.13	149.8	15.82	14.12	7.654	148	16.48	12.93	32.99	33.83	-0.84	87.4	84.1	26.35	194.26	0
"2015-03-02	14:00:00"	8.19	158.1	19.17	12.93	6.707	155.5	20.92	11.14	34.26	35.21	-0.949	81.2	78.65	26.305	224.18	0
"2015-03-02	15:00:00"	8.14	161.3	21.27	14.72	6.759	159	23.08	11.74	36.17	37.17	-1.005	77.26	74.59	26.272	274.73	0
"2015-03-02	16:00:00"	7.589	154.5	16.75	12.93	6.305	152.1	17.33	11.14	36.97	37.79	-0.823	76.73	74.25	26.245	174.19	0
"2015-03-02	17:00:00"	7.603	129.5	19.48	11.14	6.295	128.5	19.23	10.54	36.62	37.31	-0.687	79.14	76.88	26.226	98.48	0
"2015-03-02	18:00:00"	7.841	133.6	14.5	11.14	6.384	132.1	15.92	9.95	36.34	36.94	-0.598	80.2	78.04	26.207	54.115	0
"2015-03-02	19:00:00"	7.682	153.8	16.01	11.74	6.268	151.3	16.3	9.95	36.04	36.38	-0.341	82.3	80.7	26.203	9.3024	0
"2015-03-02	20:00:00"	7.698	161.1	14.35	12.33	6.29	159	16.11	11.14	35.96	36.2	-0.241	84.4	83.1	26.203	0.0119	0
"2015-03-02	21:00:00"	10.39	173.5	9.08	14.12	8.18	170.6	11.6	11.74	35.75	36.01	-0.264	86.6	85.3	26.21	0.00643	0
"2015-03-02	22:00:00"	10.01	175.7	11.59	15.31	7.918	174	15.11	12.93	35.79	36	-0.212	87.8	86.7	26.199	0.03329	0
"2015-03-02	23:00:00"	11.4	177.4	9.69	16.51	8.93	175.1	12.47	13.52	35.93	36.09	-0.166	87.1	85.7	26.18	0.00489	0
"2015-03-03	00:00:00"	11.02	183.7	8.78	15.91	8.6	182.7	12.56	13.52	36.9	36.98	-0.083	85.9	84.9	26.172	0.00125	0
"2015-03-03	01:00:00"	13.26	182	7.648	19.49	10.31	180.7	11.32	15.91	37.68	37.79	-0.11	87.1	86.1	26.141	0.00604	0
"2015-03-03	02:00:00"	10.24	193.9	9.91	15.91	7.938	195.6	12.97	12.93	37.72	37.82	-0.097	88.1	87.2	26.121	0.07186	0
"2015-03-03	03:00:00"	11.57	188.3	8.96	17.1	8.88	191.3	12.91	14.12	38.13	38.19	-0.059	88.8	88.2	26.1	0.34539	0
"2015-03-03	04:00:00"	11.18	193.9	9.5	16.51	8.64	196.8	12.02	12.93	38.38	38.43	-0.049	89.1	88.6	26.084	0.34539	0
"2015-03-03	05:00:00"	10.63	193	9.99	15.91	8.21	195.6	12.74	12.33	38.69	38.73	-0.042	89.3	88.8	26.063	0.34539	0
"2015-03-03	06:00:00"	8.07	198.5	11.92	11.74	6.36	201.1	13.78	10.54	38.84	38.88	-0.037	89.4	88.9	26.065	0.34539	0
"2015-03-03	07:00:00"	6.787	205.2	20.35	10.54	5.398	207.9	23.71	8.75	39.06	39.09	-0.031	89.4	89	26.069	0.34539	0
"2015-03-03	08:00:00"	6.041	172.8	26.96	12.33	4.788	173.8	30.63	10.54	39.36	39.4	-0.04	89.5	89.1	26.057	6.0874	0
"2015-03-03	09:00:00"	6.012	186.7	27.45	11.14	4.805	187.4	31.76	9.35	39.81	39.98	-0.17	89.6	89.2	26.051	44.27	0
"2015-03-03	10:00:00"	5.051	222.3	47.01	9.95	4.082	226.7	51.22	8.75	41.26	41.78	-0.524	90	89.6	26.062	198.51	0
"2015-03-03	11:00:00"	3.3	206.4	26.75	6.964	3.022	211.9	33.75	6.368	43.48	43.97	-0.487	90.2	89.7	26.068	245.89	0
"2015-03-03	12:00:00"	3.609	23.71	62.9	7.561	3.102	24.35	71.14	7.561	47.26	48.3	-1.037	89.7	86.7	26.065	385.59	0
"2015-03-03	13:00:00"	4.816	40.93	36.08	11.74	4.204	42.4	46.13	11.14	54.2	55.67	-1.465	65.72	61.51	26.049	679.77	0
"2015-03-03	14:00:00"	4.343	71.2	62.37	9.35	3.756	70.44	63.56	8.75	57.69	58.82	-1.133	56.86	53.75	26.02	534.2	0
"2015-03-03	15:00:00"	4.845	38.48	51.87	11.74	4.258	34.43	60.86	10.54	59.72	60.74	-1.019	52.73	49.86	25.997	424.51	0
"2015-03-03	16:00:00"	6.997	350.6	27.04	12.93	5.669	348.3	31.32	11.74	60.37	61.8	-1.427	50.91	47.47	25.993	416.07	0
"2015-03-03	17:00:00"	6.412	298.8	40.14	14.12	5.081	296.7	42.55	13.52	61.99	63.14	-1.145	46.21	43.21	25.986	360.16	0
"2015-03-03	18:00:00"	5.756	326	24.25	9.95	4.303	324.7	23.45	9.35	62.9	63.32	-0.416	44.47	42.45	25.985	164.99	0
"2015-03-03	19:00:00"	5.095	347.4	16.78	8.16	3.391	338	17.56	6.368	61.56	60.52	1.039	47.15	47.45	25.999	31.359	0
"2015-03-03	20:00:00"	5.047	344.6	35.5	8.16	2.808	0.943	50.21	5.175	59.25	56.94	2.316	51.92	54.73	26.016	0.02828	0
"2015-03-03	21:00:00"	3.796	52.11	20.57	5.175	2.737	49.13	36.51	4.578	59.23	55.94	3.296	52.21	57.56	26.033	0	0
"2015-03-03	22:00:00"	6.175	114.5	16.59	9.35	4.233	113.1	17.54	6.964	55.77	54.59	1.183	63.05	64.32	26.041	0	0
"2015-03-03	23:00:00"	5.489	133.6	15.44	9.95	3.767	129.5	23.23	8.16	52.73	52.37	0.358	74.66	74.82	26.049	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-03-04	00:00:00"	6.574	132.8	11.46	9.95	4.277	127.6	18.5	7.561	52.39	51.73	0.658	77.38	79.2	26.04	0	0
"2015-03-04	01:00:00"	3.738	232.5	54.6	5.771	2.656	246.7	55.96	4.578	52.27	51.41	0.866	77.5	79.82	26.042	0	0
"2015-03-04	02:00:00"	4.9	258.5	28.18	8.16	2.814	263.3	38.62	5.771	51.64	50.65	0.987	78.73	80.7	26.037	0	0
"2015-03-04	03:00:00"	4.842	250.8	11.6	6.964	2.977	258.2	19.07	5.175	51.66	50.68	0.981	77.88	79.9	26.03	0	0
"2015-03-04	04:00:00"	7.092	193.8	12.08	14.12	4.839	190	17.78	10.54	52.47	51.54	0.934	74.45	76.48	26.01	0	0
"2015-03-04	05:00:00"	4.404	252	29.49	9.35	2.561	258.1	40.81	6.964	52.17	51.3	0.877	75.98	77.83	25.996	0	0
"2015-03-04	06:00:00"	3.724	219.3	17.35	6.368	2.128	206.1	42.09	4.578	52.32	50.81	1.51	75.34	79.17	25.996	0	0
"2015-03-04	07:00:00"	8.56	265.2	31.33	20.09	5.362	269.2	33.49	17.1	51.45	50.62	0.836	74.36	76.69	26.035	0	0.01
"2015-03-04	08:00:00"	8.1	316.3	16.62	17.7	4.696	316.6	18.09	11.74	49.79	49.18	0.607	72.52	74.43	26.066	8.2944	0
"2015-03-04	09:00:00"	8.55	326.4	15.48	17.1	5.521	327.6	16.68	12.93	49.5	49.06	0.441	74.19	76.66	26.084	40.183	0
"2015-03-04	10:00:00"	11.61	321.6	10.4	16.51	8.16	322.7	11.48	12.93	49.4	49.2	0.197	75.94	77.74	26.096	75.448	0.01
"2015-03-04	11:00:00"	9.32	335.3	9.64	15.91	6.842	333.9	11.02	11.14	49.33	49.12	0.208	76.6	79.45	26.105	85.752	0.04
"2015-03-04	12:00:00"	7.468	66.45	72.86	18.3	5.735	64.16	71.48	18.3	48.56	48.34	0.217	77.6	80	26.117	42.671	0.11
"2015-03-04	13:00:00"	9.59	105.8	41.43	19.49	7.633	105.7	44.38	15.91	46.46	46.58	-0.12	81.1	81.2	26.136	75.803	0.15
"2015-03-04	14:00:00"	17.17	77.36	14.85	24.26	13.54	78.31	15.77	22.47	41.02	41.5	-0.472	87.3	86.7	26.134	91.525	0.08
"2015-03-04	15:00:00"	22.41	45.15	10.06	30.82	18.31	45.88	11.76	26.65	35.91	36.67	-0.761	84.9	84.9	26.13	191.58	0.03
"2015-03-04	16:00:00"	23.17	54.15	11.4	34.4	18.55	55.06	13.6	29.03	33.49	34.13	-0.645	83.1	83.4	26.14	144.43	0
"2015-03-04	17:00:00"	25.31	39.61	7.676	36.78	20.87	39.7	8.71	32.01	29.99	30.57	-0.588	80.2	81	26.165	93.699	0.01
"2015-03-04	18:00:00"	24.08	40.43	7.722	34.4	19.51	40.66	8.07	29.03	27.2	27.67	-0.464	76.56	77.2	26.215	24.933	0
"2015-03-04	19:00:00"	23.02	37.92	7.884	35	18.32	37.94	8.48	30.82	25.91	26.33	-0.422	75.38	75.89	26.262	6.7264	0
"2015-03-04	20:00:00"	24.08	36.78	9.6	33.21	19.16	36.67	10.28	27.84	24.4	24.84	-0.434	73.95	74.26	26.315	0.20199	0
"2015-03-04	21:00:00"	21.01	52.24	8.47	30.82	16.36	52.39	8.75	24.86	23.84	24.26	-0.417	75.22	75.2	26.352	0.06922	0
"2015-03-04	22:00:00"	18.68	48.98	9.36	26.05	14.53	49.03	8.83	22.47	23.57	23.96	-0.385	75.33	75.29	26.39	0.04954	0
"2015-03-04	23:00:00"	18.08	42.65	7.998	26.65	14.19	43.56	6.838	22.47	23.52	23.87	-0.349	72.9	73.04	26.434	0.09821	0
"2015-03-05	00:00:00"	16.81	40.21	8.19	23.66	13.06	42.29	8.01	20.09	23.58	23.88	-0.304	70.41	70.7	26.47	0.03274	0
"2015-03-05	01:00:00"	15.41	37.82	8.03	24.26	11.91	41.49	7.205	21.28	23.62	23.91	-0.292	70.9	71.04	26.488	0.01642	0
"2015-03-05	02:00:00"	14.05	29.78	6.553	20.68	10.6	32.86	6.111	17.1	23.68	23.97	-0.293	71.78	71.87	26.503	0.01766	0
"2015-03-05	03:00:00"	14.37	29.75	7.927	20.68	10.68	30.45	7.842	17.1	23.72	24	-0.286	70.63	70.8	26.52	0.00787	0
"2015-03-05	04:00:00"	12.3	30.84	7.615	18.3	9.16	32.14	1.051	14.72	23.69	23.95	-0.262	67.45	67.88	26.533	0.02823	0
"2015-03-05	05:00:00"	10.86	29	8.12	15.91	7.803	32.57	0.712	12.33	23.65	23.9	-0.253	62.14	62.81	26.539	0.02621	0
"2015-03-05	06:00:00"	9.94	23.42	5.51	13.52	6.848	28.69	0.365	11.14	23.98	24.23	-0.248	62.07	62.82	26.554	0.01373	0
"2015-03-05	07:00:00"	9.01	24.96	6.277	12.33	6.156	28.06	0.419	9.95	24.27	24.48	-0.211	60.67	61.41	26.568	0.09072	0
"2015-03-05	08:00:00"	7.14	34.19	4.296	10.54	4.719	28.05	0.265	8.75	24.42	24.65	-0.228	55.74	56.77	26.582	18.719	0
"2015-03-05	09:00:00"	7.144	23.54	13.43	11.14	4.974	20.32	14.7	9.35	25.38	26.2	-0.823	55.14	54.53	26.606	232.13	0
"2015-03-05	10:00:00"	4.263	54.76	41.36	9.35	3.47	57.36	46.31	8.16	26.87	27.79	-0.923	51.14	50.06	26.632	440.46	0
"2015-03-05	11:00:00"	3.592	60.87	94.1	7.561	3.162	32	97.2	6.368	28.89	29.89	-0.999	49.49	48.72	26.64	626.84	0
"2015-03-05	12:00:00"	4.166	187.3	95.5	10.54	3.568	195.5	92.6	9.95	30.75	31.93	-1.181	47.92	48.03	26.634	763	0
"2015-03-05	13:00:00"	5.167	185.7	48.82	11.74	4.529	182.5	55.76	9.95	32.75	33.92	-1.169	47.23	47.56	26.621	839.95	0
"2015-03-05	14:00:00"	5.758	200.3	45.19	13.52	4.846	199.7	49.43	12.33	34.21	35.67	-1.457	48.18	47.91	26.598	842.38	0
"2015-03-05	15:00:00"	6.583	218.7	40.76	12.93	5.518	219.9	47.51	12.33	35.4	37.01	-1.613	49.54	48.29	26.568	760.59	0
"2015-03-05	16:00:00"	6.767	208.9	29.35	12.93	5.758	207.6	33.88	11.14	36.72	37.94	-1.223	50.05	48.26	26.546	646.4	0
"2015-03-05	17:00:00"	7.717	205.6	22.68	14.72	6.457	205.3	25.9	12.93	37.68	38.93	-1.242	50.53	48.73	26.54	466.51	0
"2015-03-05	18:00:00"	7.984	199	17.52	13.52	6.633	198.1	20.99	11.74	37.98	38.7	-0.723	51.63	50.18	26.537	260.99	0
"2015-03-05	19:00:00"	8.49	196.4	12.85	14.12	6.595	195.1	14.97	11.74	37.08	37.22	-0.134	54.86	54.56	26.535	58.28	0
"2015-03-05	20:00:00"	6.45	185.2	8.24	9.95	4.841	182.7	11.62	7.561	34.8	34.49	0.303	61.34	62.34	26.527	0.18603	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-05	21:00:00"	7.409	187.8	7.97	11.14	5.201	187.6	12.15	8.75	33.75	33.2	0.555	62.01	63.98	26.53	0.04098	0	
"2015-03-05	22:00:00"	7.896	191.5	8.31	13.52	5.814	192.1	11.3	9.95	32.04	31.65	0.388	67	68	26.538	0.11335	0	
"2015-03-05	23:00:00"	7.935	200	7.819	11.74	5.982	198.4	5.244	9.95	29.78	29.63	0.149	78.18	77.96	26.548	0.11674	0	
"2015-03-06	00:00:00"	6.541	201.7	7.92	9.95	4.887	198.2	1.648	8.16	28.38	28.22	0.164	81.6	81.3	26.54	0.10522	0	
"2015-03-06	01:00:00"	5.459	217.2	12.86	9.35	4.155	202.4	3.908	7.561	27.08	26.9	0.181	83.1	82.6	26.524	0.10935	0	
"2015-03-06	02:00:00"	4.461	231.3	8.16	8.75	3.378	216	1.428	7.561	26.98	26.79	0.189	83.3	82.7	26.515	0.12116	0	
"2015-03-06	03:00:00"	3.626	237.4	13.52	6.368	2.639	216.6	0.361	4.578	26.97	26.6	0.37	82.1	81.8	26.507	0.06125	0	
"2015-03-06	04:00:00"	2.811	232.1	5.098	5.175	1.843	216.5	0.195	3.982	26.6	26.09	0.512	82.5	82.3	26.489	0.01459	0	
"2015-03-06	05:00:00"	2.367	222	7.654	4.578	1.44	216.5	0.318	2.789	26.41	24.84	1.568	82.6	82.7	26.476	0.00691	0	
"2015-03-06	06:00:00"	2.489	207.8	12.37	4.578	1.492	216.5	0.29	2.789	26.42	24.1	2.323	81.9	83	26.479	0.00346	0	
"2015-03-06	07:00:00"	3.694	166.4	17.15	5.175	1.601	216.5	0.322	3.386	27.01	23.72	3.299	79.65	81.5	26.493	0.04398	0	
"2015-03-06	08:00:00"	5.006	126.7	9.13	7.561	2.326	216.1	1.743	4.578	25.99	23.13	2.853	79.44	82.6	26.499	34.254	0	
"2015-03-06	09:00:00"	7.599	161.3	14.28	12.33	5.821	162.5	12.1	10.54	28.6	28.74	-0.137	73.54	74.95	26.523	210.55	0	
"2015-03-06	10:00:00"	10.2	191.6	11.86	14.12	8.22	189.8	14.66	12.93	31.98	32.77	-0.796	69.17	68.81	26.543	431.74	0	
"2015-03-06	11:00:00"	8.28	209.5	15.77	12.93	6.985	209	19.37	11.74	36.1	37.23	-1.127	63.43	61.68	26.55	639.57	0	
"2015-03-06	12:00:00"	8.06	210.1	15.97	14.12	6.78	208.8	19.07	12.93	41.32	42.82	-1.497	57.16	54.73	26.543	779	0	
"2015-03-06	13:00:00"	7.672	215.7	16.1	13.52	6.459	215.2	21.81	11.74	45.12	46.69	-1.566	50.77	48.03	26.527	855.89	0	
"2015-03-06	14:00:00"	7.688	205.6	27.14	14.72	6.459	205.2	32.97	12.93	49.07	50.74	-1.673	39.84	37.53	26.501	861.52	0	
"2015-03-06	15:00:00"	8.36	188.4	18.44	14.72	6.971	186.3	22.3	12.33	51.55	53.26	-1.702	35.89	33.77	26.471	777	0	
"2015-03-06	16:00:00"	8.75	172.6	17.09	14.72	7.32	170.3	20.41	12.93	52.9	54.36	-1.459	33.84	31.87	26.451	666.32	0	
"2015-03-06	17:00:00"	8.45	176.1	16.24	14.12	6.935	174.3	20.54	11.74	53.92	55.12	-1.198	33.13	31.37	26.441	485.48	0	
"2015-03-06	18:00:00"	8.44	162.5	14.83	12.93	6.908	160	16.71	10.54	53.49	54.15	-0.653	31.94	30.73	26.436	272.85	0	
"2015-03-06	19:00:00"	7.257	172.2	8.56	11.74	5.576	166.3	10.09	9.95	52.17	51.67	0.494	34.36	34.73	26.437	63.117	0	
"2015-03-06	20:00:00"	6.389	158.6	9.44	8.75	4.114	152.3	13.82	6.368	49.02	47.14	1.879	38.04	41.14	26.439	0.19259	0	
"2015-03-06	21:00:00"	8.84	141.5	6.472	12.33	5.609	138.1	8.1	8.75	45.73	43.93	1.803	43.84	47.33	26.449	0	0	
"2015-03-06	22:00:00"	9.65	144	6.956	13.52	6.469	141.2	8.12	9.35	44.65	43.06	1.584	45.54	48.42	26.455	0	0	
"2015-03-06	23:00:00"	9.54	160.7	10.43	12.93	6.996	155.9	10.71	10.54	42.64	41.62	1.017	53.67	54.94	26.464	0	0	
"2015-03-07	00:00:00"	10.32	174.4	5.749	13.52	7.494	169.4	8.41	11.14	40.6	39.71	0.896	59.53	60.9	26.466	0	0	
"2015-03-07	01:00:00"	7.883	176.5	5.653	11.74	5.566	174.9	8.73	8.16	38.59	37.7	0.89	63.6	65.27	26.458	0.00115	0	
"2015-03-07	02:00:00"	6.736	183	7.096	9.35	4.593	180.3	9.38	6.964	38.15	37.11	1.036	61.57	64.18	26.451	0.0024	0	
"2015-03-07	03:00:00"	4.973	173.5	10.22	8.75	2.933	169.4	12.12	5.771	38.59	37.3	1.289	56.71	60.9	26.441	0.00144	0	
"2015-03-07	04:00:00"	5.884	160.7	9.77	8.75	3.869	152.4	14.34	6.964	37.94	36.84	1.102	53.07	56.69	26.43	0.00681	0	
"2015-03-07	05:00:00"	4.649	118.1	23.03	6.964	2.457	89.4	28.23	5.175	36.73	34.95	1.78	54.03	59.56	26.419	0.01795	0	
"2015-03-07	06:00:00"	5.342	114.7	15.72	8.75	2.92	87.9	25.02	5.175	35.06	33.29	1.775	57.26	63.57	26.419	0.0525	0	
"2015-03-07	07:00:00"	5.763	61.44	16.11	7.561	3.623	46.81	12.9	5.175	34.57	32.42	2.158	56.97	64.98	26.424	0.14434	0	
"2015-03-07	08:00:00"	7.067	63.87	11.74	10.54	4.55	57.43	14.13	7.561	33.8	32.91	0.897	60.27	64.83	26.426	26.288	0	
"2015-03-07	09:00:00"	7.862	87.7	13.49	11.74	6.095	86.4	14.65	9.95	36.14	36.32	-0.176	58.55	59.13	26.437	128.59	0	
"2015-03-07	10:00:00"	7.37	120.1	14.6	10.54	6.039	120.5	16.16	9.35	39.4	40.02	-0.626	51.14	50.4	26.458	278.17	0	
"2015-03-07	11:00:00"	6.483	130	19.07	11.74	5.407	130.9	22.11	9.95	42.97	43.94	-0.971	44.55	42.95	26.458	497.43	0	
"2015-03-07	12:00:00"	7.709	133	21.98	12.93	6.448	133.2	24.25	12.33	46.52	47.85	-1.338	41.78	39.5	26.449	695.92	0	
"2015-03-07	13:00:00"	7.66	132.9	27.84	13.52	6.446	132.7	28.82	11.74	49.81	51.33	-1.519	38.61	36.28	26.434	790.35	0	
"2015-03-07	14:00:00"	7.183	130.8	22.67	17.1	6.072	130.1	26.27	15.91	52.4	53.83	-1.435	38.1	35.7	26.396	804.21	0	
"2015-03-07	15:00:00"	9.41	139.7	18.92	17.1	7.948	137.9	19.38	14.72	54.59	56.11	-1.519	37.33	34.87	26.359	660.35	0	
"2015-03-07	16:00:00"	9.63	138.1	16.17	15.91	7.892	137.7	17.34	14.12	55.59	56.72	-1.129	36.38	34.32	26.334	354.75	0	
"2015-03-07	17:00:00"	9.88	143.1	20.78	15.91	8.17	142.3	22.5	14.12	56.48	57.72	-1.238	35.72	33.54	26.325	478.76	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-07	18:00:00"	8.9	155	16.46	13.52	7.16	152.7	16.58	12.93	57.05	57.68	-0.625	34.8	33.26	26.323	235.15	0	
"2015-03-07	19:00:00"	8.21	144.8	14.34	12.33	6.341	142.1	14.6	10.54	55.39	55.18	0.21	36.66	36.13	26.322	27.483	0	
"2015-03-07	20:00:00"	7.77	145.8	13.54	12.33	5.513	143.1	15	9.95	52.94	52.17	0.771	40.19	40.85	26.332	0.05771	0	
"2015-03-07	21:00:00"	7.666	127.9	12.23	12.33	4.823	124	16.18	8.75	50.53	49.42	1.116	47.16	48.92	26.333	0	0	
"2015-03-07	22:00:00"	7.602	139.8	23.25	13.52	5.602	138.2	23.94	9.35	50.27	49.88	0.394	48.8	48.91	26.322	0	0	
"2015-03-07	23:00:00"	10.04	167.9	13.81	19.49	7.76	163.9	14.62	15.91	49.35	48.97	0.386	49.8	49.77	26.326	0	0	
"2015-03-08	00:00:00"	12.75	170	8.28	19.49	10.01	165.7	10	17.1	47.46	47.21	0.243	41.6	41.27	26.316	0	0	
"2015-03-08	01:00:00"	8.11	151.5	19.26	15.91	6.251	149	19.02	14.12	45.49	45.33	0.159	42.11	41.91	26.284	0	0	
"2015-03-08	02:00:00"	5.41	126.5	34.49	9.95	3.666	121.7	18.84	6.964	44.03	43.53	0.499	45.81	47.07	26.247	0	0	
"2015-03-08	03:00:00"	6.976	196.1	15.46	11.74	5.346	196.1	16.57	9.35	42.9	42.71	0.184	49.5	49.34	26.262	0	0	
"2015-03-08	04:00:00"	3.823	199.7	24.21	7.561	2.666	195.6	34.54	6.368	42.18	41.69	0.489	51.45	52.39	26.238	0	0	
"2015-03-08	05:00:00"	2.54	337.9	96.5	8.75	2.919	17.67	35.14	5.771	41.42	37.6	3.819	52.39	62.63	26.214	0	0	
"2015-03-08	06:00:00"	5.092	27.68	11.98	8.16	3.395	20.79	18.69	5.175	39.86	35.56	4.298	55.57	66.43	26.21	0.00134	0	
"2015-03-08	07:00:00"	5.823	79.94	28.54	7.561	3.188	83.5	35.64	4.578	39.27	35.69	3.58	56.49	67.14	26.205	0.05211	0	
"2015-03-08	08:00:00"	5.213	114.2	18.31	8.75	2.779	95.4	35.03	5.771	38.9	37.5	1.398	59.87	65.43	26.212	20.077	0	
"2015-03-08	09:00:00"	5.4	131.5	41.64	10.54	4.273	122	54.43	8.75	41.58	41.72	-0.143	58.93	59.91	26.216	205.59	0	
"2015-03-08	10:00:00"	7.091	197.8	26.4	12.33	5.865	197.2	29.55	10.54	47.2	48.18	-0.973	51.54	49.62	26.224	380.2	0	
"2015-03-08	11:00:00"	10.68	291.8	30.65	15.91	7.834	294.2	29.56	14.72	47.51	47.93	-0.417	58.32	59.89	26.24	283.52	0.01	
"2015-03-08	12:00:00"	8.68	327.1	20.2	14.12	6.621	325.4	21.2	12.33	53.74	55.78	-2.046	58.36	56.14	26.224	868.37	0	
"2015-03-08	13:00:00"	6.257	323.9	35.6	11.74	4.946	323.1	37.42	10.54	57.64	59.28	-1.636	56.24	52.82	26.199	566.88	0	
"2015-03-08	14:00:00"	6.253	16.47	33.01	12.93	5.218	16.91	41.1	11.14	61.28	63.25	-1.977	48.95	45.13	26.157	838.75	0	
"2015-03-08	15:00:00"	4.955	43.65	76.69	12.33	4.436	46.71	79.15	11.74	63.29	64.77	-1.479	45.51	42.19	26.121	751.59	0	
"2015-03-08	16:00:00"	4.379	136.5	98.9	10.54	3.824	139	95.6	9.35	64.84	66.09	-1.247	42.66	39.7	26.101	641.4	0	
"2015-03-08	17:00:00"	4.24	29.4	40.04	14.72	3.598	29.22	47.49	11.14	65.95	67.04	-1.089	40.76	38.24	26.085	456.54	0	
"2015-03-08	18:00:00"	5.173	21.96	30.06	11.14	4.255	21.29	33.31	9.35	66.11	66.62	-0.51	40.19	38.52	26.087	180.71	0	
"2015-03-08	19:00:00"	9.89	103.2	27.26	15.91	7.541	102.8	27.34	13.52	63.52	63.32	0.207	46.14	45.34	26.1	10.843	0	
"2015-03-08	20:00:00"	8.65	154.1	46.01	13.52	6.681	153.6	48.01	11.14	59.3	58.92	0.384	56	56.73	26.12	0.04898	0.11	
"2015-03-08	21:00:00"	10.08	165.8	18.66	17.7	7.736	163.3	20.66	14.72	55.79	55.28	0.512	68.63	71.01	26.133	0	0	
"2015-03-08	22:00:00"	5.454	138.1	37.06	12.33	4.008	129.3	48.28	9.35	54.01	53.4	0.608	73.85	76.18	26.135	0	0	
"2015-03-08	23:00:00"	4.396	27.87	38.19	7.561	3.319	6.286	31.99	5.771	53.06	51.35	1.705	76.01	82.2	26.139	0	0	
"2015-03-09	01:00:00"	5.849	21.28	11.26	8.75	3.792	19.7	18.74	6.368	51.34	50.43	0.911	81.4	84.5	26.141	0	0	
"2015-03-09	02:00:00"	8.47	29.54	9	11.14	5.963	27.81	12.55	8.75	50.99	50.3	0.69	80.3	82.7	26.135	0	0	
"2015-03-09	03:00:00"	7.742	19.09	10.35	10.54	5.273	16.38	18.16	7.561	49.6	48.93	0.677	78.76	81.1	26.134	0	0	
"2015-03-09	04:00:00"	7.251	28.95	9.59	9.95	4.942	29.3	14.46	8.16	47.58	46.84	0.735	80.2	82	26.132	0	0	
"2015-03-09	05:00:00"	7.145	32.98	12.64	10.54	4.903	30.53	17.93	8.16	45.54	44.77	0.762	82.7	83.8	26.122	0	0	
"2015-03-09	06:00:00"	8.74	14.85	7.365	12.93	6.066	13.67	15.53	9.95	43.14	42.58	0.565	85.5	86.1	26.113	0	0	
"2015-03-09	07:00:00"	9.43	32.83	10.45	12.93	7.135	33.29	12.5	10.54	42.81	42.46	0.355	86.2	86.4	26.119	0.0001	0	
"2015-03-09	08:00:00"	9.61	33.5	10.47	13.52	7.175	32.47	13.75	11.14	41.78	41.43	0.344	87.1	86.9	26.124	0.10314	0	
"2015-03-09	09:00:00"	10.48	15.78	5.52	13.52	7.76	13.16	14.45	11.14	41.17	41.07	0.105	88	87.8	26.134	47.782	0	
"2015-03-09	10:00:00"	9.93	28.74	11.24	12.93	8.1	28.94	15.06	11.74	45.14	45.69	-0.552	87.2	87	26.156	246.91	0	
"2015-03-09	11:00:00"	9.65	29.39	9.69	13.52	8.03	30	13.72	11.74	48.78	49.67	-0.889	82.1	81.3	26.176	345.4	0	
"2015-03-09	12:00:00"	10.05	37.61	15.39	13.52	8.3	37.27	18.5	12.33	52.38	53.54	-1.16	74.87	73.65	26.181	433.05	0	
"2015-03-09	13:00:00"	10.2	42.19	15.12	15.91	8.52	42.44	17.32	15.91	55.52	56.65	-1.123	66.29	65.39	26.177	509.06	0	
"2015-03-09	14:00:00"	11.71	59.19	16.65	20.09	9.61	58.86	18.98	20.09	56.12	57.18	-1.056	61.95	61.15	26.165	486.26	0	
"2015-03-09	15:00:00"	11.2	68.86	16.13	17.7	9.07	68.97	17.58	15.91	56.51	57.83	-1.317	60.66	59	26.14	609.62	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-09	16:00:00"	10.12	64.6	18.84	15.91	8.4	64.76	19.66	14.12	56.69	58.16	-1.465	59.01	56.77	26.114	644.2	0
"2015-03-09	17:00:00"	8.12	49.1	23.1	14.72	6.788	47.82	28.12	14.72	57.59	59.24	-1.645	56.13	53.32	26.102	652.4	0
"2015-03-09	18:00:00"	7.307	45.2	25.25	13.52	6.172	45.87	28.91	12.33	58.44	59.66	-1.224	53.13	50.71	26.095	411.73	0
"2015-03-09	19:00:00"	6.735	68.35	20.44	11.74	5.484	68.74	22.2	10.54	58.75	59.26	-0.511	51.8	50.53	26.1	190.27	0
"2015-03-09	20:00:00"	5.975	61.39	27.66	8.75	4.103	61.26	29.81	7.561	57.56	56.6	0.959	52.46	54.62	26.107	39.679	0
"2015-03-09	21:00:00"	7.452	119.8	7.71	9.95	3.973	114.6	11.71	6.368	53.48	51.33	2.152	62.7	67.34	26.127	0.16449	0
"2015-03-09	22:00:00"	8.22	104.8	7.713	11.14	5.068	99.2	9.5	6.964	49.3	48.22	1.074	72.88	74.91	26.148	0	0
"2015-03-09	23:00:00"	6.676	123.4	20.35	9.35	4.107	117.6	23.23	7.561	46.95	46.26	0.698	80.8	81.6	26.164	0	0
"2015-03-10	00:00:00"	5.764	156.2	21.18	10.54	4.029	149.9	27.96	8.16	46.71	46.36	0.352	84	83.8	26.178	0	0
"2015-03-10	01:00:00"	4.767	84.3	35.27	8.16	2.99	61.38	45.7	5.175	45.35	43.94	1.408	86.3	86.5	26.18	0	0
"2015-03-10	02:00:00"	5.14	33.57	12.84	7.561	3.936	18.21	21.82	5.771	43.52	41.62	1.896	87.1	87.6	26.17	0.11945	0
"2015-03-10	03:00:00"	5.466	49.61	11.46	7.561	3.533	45.71	17.57	5.175	41.99	40.65	1.343	89.1	88.3	26.156	0.34501	0
"2015-03-10	04:00:00"	5.555	55.66	21.38	8.16	3.614	44.22	22.88	6.964	41.17	40.21	0.963	89.2	88.7	26.15	0.34539	0
"2015-03-10	05:00:00"	4.177	90.9	54.71	6.368	2.55	69.22	81.5	4.578	40.75	39.92	0.828	89.4	88.8	26.138	0.34539	0
"2015-03-10	06:00:00"	3.954	359.1	84.3	8.16	3.025	319.5	70.41	6.368	40.54	39.58	0.961	89.4	88.8	26.139	0.34539	0
"2015-03-10	07:00:00"	3.556	326.2	68.94	6.368	2.851	333.5	71.05	5.175	39.6	39.33	0.264	89.2	88.7	26.152	0.34539	0
"2015-03-10	08:00:00"	3.417	319	48.38	6.368	2.297	331.1	33.2	5.175	38.53	36.84	1.687	89.2	88.5	26.17	0.38819	0
"2015-03-10	09:00:00"	4.118	327.9	10.61	6.964	3.006	335.3	11.11	5.771	37.88	37.95	-0.063	89.1	88.8	26.188	32.132	0
"2015-03-10	10:00:00"	4.316	285.5	34.9	9.35	2.921	291.5	37.6	6.368	40.49	40.92	-0.424	89.7	89.5	26.214	149.55	0
"2015-03-10	11:00:00"	3.133	244.4	36.48	5.771	2.693	246.8	41.98	5.175	43.38	44.02	-0.636	90.2	90.1	26.24	311.28	0
"2015-03-10	12:00:00"	4.24	226.1	21.01	8.16	3.822	229.1	26.86	7.561	46.89	47.66	-0.769	90.8	90.6	26.253	591.65	0
"2015-03-10	13:00:00"	4.615	213.7	21.58	7.561	4.051	213.4	29.84	6.964	50.01	52.47	-2.451	82.5	77.47	26.254	757.19	0
"2015-03-10	14:00:00"	3.937	240.6	36.39	7.561	3.526	240.9	42.78	6.368	57.91	59.72	-1.807	51.21	48.15	26.243	833.67	0
"2015-03-10	15:00:00"	4.557	201.2	56.15	9.35	3.912	202	57.38	8.75	61.73	62.95	-1.22	42.26	39.75	26.225	844.15	0
"2015-03-10	16:00:00"	6.714	185.8	57.56	18.3	5.667	184.4	65.28	15.31	63.29	64.77	-1.478	38.03	35.7	26.207	766.19	0
"2015-03-10	17:00:00"	6.703	213	50.07	14.72	5.753	213.4	54.49	12.33	64.26	65.52	-1.257	36.14	33.93	26.195	657.9	0
"2015-03-10	18:00:00"	8.29	206.3	28.69	20.68	6.845	204.7	31.71	18.89	65.09	66.29	-1.199	35.56	33.47	26.192	505.88	0
"2015-03-10	19:00:00"	6.393	197.9	27.95	12.93	5.308	195.9	32.59	11.14	64.93	65.56	-0.625	34.65	32.99	26.198	248.75	0
"2015-03-10	20:00:00"	6.037	186.5	9.65	11.74	4.576	184.3	12.95	9.35	63.79	63.45	0.34	35.89	35.73	26.214	52.16	0
"2015-03-10	21:00:00"	9.12	165.3	90.6	29.03	6.67	170.1	91.3	23.66	60.35	59.59	0.756	39.75	40.36	26.247	0.27159	0
"2015-03-10	22:00:00"	17.27	12.89	12.08	26.05	13.25	9.18	17.64	21.28	55.95	55.69	0.269	51.88	51.73	26.295	0	0
"2015-03-10	23:00:00"	13.52	9.9	14.65	23.07	10.11	6.14	18.69	18.89	53.81	53.25	0.564	62.59	64.58	26.329	0	0.01
"2015-03-11	00:00:00"	6.692	58.72	53.67	12.33	4.741	54.82	58.77	9.95	54.12	52.13	1.987	60.6	69.55	26.315	0	0
"2015-03-11	01:00:00"	6.863	273.9	14.1	9.95	4.077	284.5	19.1	9.35	54.55	51.16	3.388	56.88	69	26.306	0	0
"2015-03-11	02:00:00"	7.985	275.5	52.32	9.95	4.301	286.3	61.32	7.561	55.85	51.27	4.582	48	62.4	26.311	0	0
"2015-03-11	03:00:00"	6.227	64.98	61.17	9.95	4.081	63.76	47.69	7.561	53.1	50.65	2.457	57.93	65.58	26.321	0	0
"2015-03-11	04:00:00"	8.15	85.1	7.338	12.93	4.454	72.15	8.96	6.964	50.55	47.48	3.071	63.55	71.15	26.329	0	0
"2015-03-11	05:00:00"	5.901	75.27	27.71	9.35	3.501	40.26	29.71	6.368	49.14	45.4	3.735	67.85	75.82	26.322	0	0
"2015-03-11	06:00:00"	5.438	35	19.78	9.95	3.934	15.48	17.18	6.964	47.01	42.56	4.456	72.22	81.8	26.33	0	0
"2015-03-11	07:00:00"	6.449	25.72	9.48	9.35	4.114	13.61	11.7	5.771	46.1	41.61	4.485	74.17	82.9	26.341	0	0
"2015-03-11	08:00:00"	8.12	9.85	8.45	11.14	4.449	8.33	13.55	6.964	43.77	40.38	3.393	77.55	83.7	26.36	0.14545	0
"2015-03-11	09:00:00"	8.47	4.949	12.36	11.74	5.563	3.948	16.81	9.95	42.8	41.72	1.079	79.76	82.8	26.382	49.496	0
"2015-03-11	10:00:00"	8.8	16.21	6.44	11.74	6.996	15.44	11.75	10.54	47.86	48.34	-0.478	74.62	74.79	26.403	239.09	0
"2015-03-11	11:00:00"	8.31	12.12	10.02	12.33	6.802	10.46	16.57	10.54	54.62	55.97	-1.352	60.49	58.84	26.422	449.89	0
"2015-03-11	12:00:00"	6.355	26.24	22.96	11.14	5.335	27.88	28.9	10.54	59.4	61.09	-1.693	48.36	45.99	26.416	638.48	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-11	13:00:00"	6.485	44.95	26.52	12.33	5.496	46.85	32.53	11.14	62.05	63.61	-1.555	42.03	39.49	26.414	774.79	0	
"2015-03-11	14:00:00"	7.292	46.27	30.71	14.12	6.116	48.22	36.91	14.12	63.93	65.83	-1.901	38.25	35.76	26.412	830.79	0	
"2015-03-11	15:00:00"	8.17	64.9	30.57	16.51	6.834	65.39	32.99	15.31	65.25	66.71	-1.465	35.19	32.99	26.395	711.1	0	
"2015-03-11	16:00:00"	8.1	46.62	25.59	15.31	6.701	46.38	26.69	14.12	65.41	66.49	-1.084	31.99	30.19	26.378	319.99	0	
"2015-03-11	17:00:00"	6.666	90.7	56.57	14.72	5.516	90.3	58.01	11.74	66.01	67.09	-1.073	31.15	29.27	26.367	516.84	0	
"2015-03-11	18:00:00"	7.065	110.2	37.57	13.52	5.936	110.1	38.74	12.33	66.53	67.6	-1.072	32.17	30.09	26.354	488.84	0	
"2015-03-11	19:00:00"	5.091	142.1	51.4	11.14	4.334	142.2	52.6	9.95	66.74	67.32	-0.581	30.39	28.75	26.344	268.32	0	
"2015-03-11	20:00:00"	6.409	75.88	17.73	9.95	4.393	75.96	16.59	7.561	65.59	64.74	0.851	30.87	31.24	26.346	65.218	0	
"2015-03-11	21:00:00"	9.85	107.4	7.823	12.93	5.829	101.6	9.62	8.75	60.13	57.75	2.387	42.41	45.11	26.354	0.20716	0	
"2015-03-11	22:00:00"	9.29	111.4	6.271	11.74	5.091	103.9	10.49	6.964	56.46	53.8	2.659	48.2	52.93	26.37	0	0	
"2015-03-11	23:00:00"	9.69	111.4	4.971	12.93	5.504	100.7	7.692	8.16	54.56	51.7	2.855	48.74	54.5	26.387	0	0	
"2015-03-12	00:00:00"	10.71	106.9	5.819	12.93	6.954	101.5	7.426	9.35	51.36	49.92	1.442	48.51	51.34	26.394	0	0	
"2015-03-12	01:00:00"	10.31	101.7	5.261	12.93	6.822	97.5	7.094	9.35	49.35	48.15	1.203	49.06	51.08	26.392	0	0	
"2015-03-12	02:00:00"	5.996	117.3	19.46	12.33	3.455	115.3	29.63	8.75	48.19	46.75	1.433	51.7	53.87	26.39	0	0	
"2015-03-12	03:00:00"	8.02	100.2	7.705	10.54	4.523	80.7	9.44	6.368	47.65	44.89	2.757	56.3	60.02	26.384	0	0	
"2015-03-12	04:00:00"	8.25	87.7	3.209	9.35	4.69	68.28	8.04	6.368	46.34	42.89	3.446	63.98	69.17	26.371	0	0	
"2015-03-12	05:00:00"	6.13	79.21	6.355	8.75	3.63	48.59	11.68	5.771	46.54	43.35	3.189	65.99	70.7	26.353	0	0	
"2015-03-12	06:00:00"	4.562	112.5	12.23	6.368	2.546	60.09	36.78	3.982	47.38	43.97	3.408	64.35	69.67	26.344	0.0001	0	
"2015-03-12	07:00:00"	3.172	137.3	27.28	5.771	1.694	45.31	67.53	3.982	47.14	43.23	3.909	63.97	70.99	26.338	0.0071	0	
"2015-03-12	08:00:00"	1.879	111.6	47.22	3.982	3.19	11.16	18.86	3.982	46.93	42.19	4.735	64.62	72.78	26.339	0.18833	0	
"2015-03-12	09:00:00"	3.993	100.8	5.753	6.368	2.475	33.89	19.91	3.982	47.33	41.63	5.709	66.02	76.52	26.351	57.858	0	
"2015-03-12	10:00:00"	7.558	110	12.34	11.14	5.866	106.1	17.18	9.95	49.52	49.6	-0.079	68.08	68.65	26.373	257.66	0	
"2015-03-12	11:00:00"	9.66	137.1	13.81	14.12	7.77	136.2	14.98	11.74	53.98	54.89	-0.906	55.82	54.04	26.382	469.59	0	
"2015-03-12	12:00:00"	7.375	147.1	22.24	12.93	6.174	146.3	24.51	11.14	56.93	58.06	-1.129	44.6	42.36	26.374	659.55	0	
"2015-03-12	13:00:00"	7.096	152.9	36.68	15.91	5.994	151.3	38.57	13.52	59.28	60.64	-1.363	36.92	34.78	26.356	796.37	0	
"2015-03-12	14:00:00"	7.356	121.3	39.25	15.91	6.148	122.9	44.99	14.72	60.87	62.33	-1.457	31.94	29.71	26.338	868.53	0	
"2015-03-12	15:00:00"	6.729	147.5	64.63	14.72	5.751	145.2	65.07	15.31	62.41	63.91	-1.494	28.78	26.63	26.306	868.42	0	
"2015-03-12	16:00:00"	5.234	177.6	84	13.52	4.634	162	86.8	12.33	63.55	64.87	-1.325	26.08	24.08	26.27	785.59	0	
"2015-03-12	17:00:00"	5.768	125.5	61.27	13.52	5.09	126.6	58.75	11.74	64.67	65.93	-1.265	24.94	22.92	26.248	675.88	0	
"2015-03-12	18:00:00"	5.172	190.6	82.7	10.54	4.311	189.5	82.7	9.35	65.32	66.35	-1.027	23.54	21.67	26.234	497.84	0	
"2015-03-12	19:00:00"	5.843	145.6	36.92	13.52	4.884	146.1	39.17	11.14	65.2	65.81	-0.607	23.34	21.7	26.23	270.49	0	
"2015-03-12	20:00:00"	5.092	152.1	22.2	10.54	3.813	147.7	29.85	8.75	63.8	63.16	0.645	24.44	24.31	26.24	40.579	0	
"2015-03-12	21:00:00"	4.114	155.5	21.53	7.561	2.483	150	28.26	5.175	60.62	59.13	1.491	28.51	29.6	26.251	0.18881	0	
"2015-03-12	22:00:00"	5.422	116.4	27.01	8.75	3.159	100.9	37.57	6.964	56.97	55.2	1.777	34.64	35.92	26.258	0	0	
"2015-03-12	23:00:00"	7.384	115.4	6.143	9.95	3.371	86.5	9.34	5.771	56.15	51.61	4.543	35.96	42.16	26.257	0	0	
"2015-03-13	00:00:00"	8.55	123.3	9.2	10.54	4.03	104.1	17.41	5.771	55.51	49.6	5.912	36.78	46.26	26.253	0	0	
"2015-03-13	01:00:00"	5.916	151.1	10.81	8.16	2.996	136.7	20.65	5.175	53.68	50.91	2.769	39.1	43.26	26.247	0	0	
"2015-03-13	02:00:00"	6.905	133.5	11.27	8.75	3.13	106.6	20.22	4.578	53.57	48.96	4.608	39.71	46.82	26.241	0	0	
"2015-03-13	03:00:00"	4.434	163.6	33.31	7.561	2.924	183.1	66.82	5.175	51.53	48.86	2.667	43.75	48.36	26.246	0	0	
"2015-03-13	04:00:00"	3.98	212.3	51.19	6.964	2.353	263.2	59.09	5.771	51.59	47.9	3.69	43.5	49.95	26.235	0	0	
"2015-03-13	05:00:00"	3.245	317.2	30.94	5.175	3.426	353.5	26.31	5.175	49.72	43.41	6.312	46.88	59.08	26.227	0	0	
"2015-03-13	06:00:00"	6.32	350.1	22.21	9.95	4.945	2.15	18.64	7.561	48.54	39.97	8.57	49.03	67.36	26.22	0	0	
"2015-03-13	07:00:00"	9.25	11.19	5.45	11.74	5.25	10.37	11.73	8.16	41.12	38.39	2.728	65.52	72.05	26.234	0	0	
"2015-03-13	08:00:00"	9.25	6.149	9.94	12.93	5.49	2.602	12.35	8.75	42.01	39.75	2.264	64.01	69.42	26.245	0.22117	0	
"2015-03-13	09:00:00"	8.68	9.96	6.162	11.14	5.228	7.41	10.93	7.561	42.6	41	1.599	63.27	68.05	26.259	60.883	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-13	10:00:00"	6.268	0.618	13.82	9.35	5.116	357.4	16.28	8.16	51.52	52.27	-0.752	49.49	48.41	26.279	273.18	0
"2015-03-13	11:00:00"	6.483	316.5	20.93	11.14	4.877	315.7	22.4	8.75	57.78	58.94	-1.165	42.05	39.86	26.284	475.42	0
"2015-03-13	12:00:00"	7.631	314.5	39.3	16.51	6.017	313.9	40.39	14.12	60.9	62.59	-1.693	35.08	32.95	26.285	654.59	0
"2015-03-13	13:00:00"	10.5	353.5	19.35	20.09	8.55	349.6	21.6	15.91	63.87	66.1	-2.232	28.61	26.25	26.282	793.67	0
"2015-03-13	14:00:00"	10.89	13.43	22.47	20.68	8.99	12.4	26.48	18.89	65.45	67.75	-2.298	26.63	24.22	26.271	868.23	0
"2015-03-13	15:00:00"	10.94	26.01	25.93	20.68	9.07	24.68	29.56	18.3	66.61	68.48	-1.87	24.34	22.15	26.249	687.66	0
"2015-03-13	16:00:00"	12.35	44.62	19.94	28.43	10.34	45.27	23.43	25.45	66.75	68.24	-1.497	25.24	23.12	26.227	564.89	0
"2015-03-13	17:00:00"	13.06	33.95	19.02	25.45	10.78	34.4	21.96	22.47	67.38	68.75	-1.367	25.21	23.19	26.214	469	0
"2015-03-13	18:00:00"	14.28	40.67	17.81	23.66	11.56	41.21	19.98	19.49	67.98	68.91	-0.926	23.83	22	26.212	342.51	0
"2015-03-13	19:00:00"	13.73	35.78	15.79	20.09	10.98	35.7	18.16	17.1	66.9	66.78	0.122	22.84	21.65	26.218	86.842	0
"2015-03-13	20:00:00"	10.6	48.04	8.83	20.09	7.951	49.15	10.16	17.1	64.75	63.58	1.173	24.11	23.85	26.232	15.698	0
"2015-03-13	21:00:00"	7.046	41.52	12.11	11.74	4.202	29.93	18.77	7.561	60.61	56.78	3.832	27.45	30.65	26.245	0.24164	0
"2015-03-13	22:00:00"	7.546	31.15	8.37	9.35	4.301	9.82	7.97	5.771	57.64	50.97	6.679	29.79	37.56	26.26	0	0
"2015-03-13	23:00:00"	8.69	18.96	4.277	10.54	4.632	15.14	9.7	6.964	51.99	49.35	2.642	38.92	43.11	26.285	0	0
"2015-03-14	00:00:00"	8.98	13.83	4.145	11.14	5.2	9.66	11.52	6.964	50.39	48.2	2.189	42.85	46.27	26.303	0	0
"2015-03-14	01:00:00"	9.48	12.67	4.955	11.14	5.594	8.46	12.36	7.561	49.05	47.18	1.873	45.43	48.47	26.311	0	0
"2015-03-14	02:00:00"	9.34	9.86	4.401	11.74	5.438	4.572	11.07	7.561	48.63	46.62	2.015	46.51	49.79	26.312	0	0
"2015-03-14	03:00:00"	10.05	8.08	7.032	11.74	6.249	1.835	13.02	8.16	47.55	45.89	1.662	48.51	51.04	26.319	0	0
"2015-03-14	04:00:00"	10.92	8.5	7.134	14.72	7.468	3.435	13.55	11.14	46.7	45.65	1.044	49.42	50.73	26.331	0	0
"2015-03-14	05:00:00"	11.36	10.69	9.45	16.51	8.3	6.04	15.82	14.12	47.98	47.48	0.495	48.67	48.79	26.336	0	0
"2015-03-14	06:00:00"	11.02	22.93	14.15	15.31	8.26	21.19	17.97	12.93	48.26	47.68	0.575	51.14	51.27	26.346	0	0
"2015-03-14	07:00:00"	10.01	24.03	9.93	15.31	7.236	22.2	14.7	12.33	46.64	46.06	0.582	55.36	55.76	26.358	0	0
"2015-03-14	08:00:00"	11.82	20.8	5.468	16.51	8.92	19.29	10.85	12.93	47.42	47.01	0.414	54.57	54.58	26.379	0.2178	0
"2015-03-14	09:00:00"	11.1	14.31	5.908	15.91	8.28	10.43	12.36	14.12	47.09	46.73	0.366	55.33	55.33	26.405	19.859	0
"2015-03-14	10:00:00"	12.48	27.28	7.471	18.3	9.88	26.81	11.41	16.51	50.5	50.58	-0.079	48.67	47.96	26.432	97.703	0
"2015-03-14	11:00:00"	14.77	33.32	8.32	21.28	12.03	33.87	11.06	17.7	54.38	55.12	-0.735	41.35	39.69	26.447	341.93	0
"2015-03-14	12:00:00"	14.42	44.04	12.52	21.28	11.88	44.21	14.92	18.89	58.69	60.32	-1.63	36.18	33.9	26.446	655.71	0
"2015-03-14	13:00:00"	13.07	43.21	15.11	21.87	10.99	43.03	17.36	19.49	60.83	62.85	-2.021	31.94	29.4	26.437	790.62	0
"2015-03-14	14:00:00"	17.43	37.7	13.71	27.24	14.39	37.67	15.7	24.26	62.3	64.53	-2.225	28.19	25.57	26.421	831.82	0
"2015-03-14	15:00:00"	17.68	36.39	13.58	30.22	14.62	36.79	16.33	25.45	62.89	65.05	-2.163	26.05	23.56	26.399	805.31	0
"2015-03-14	16:00:00"	16.05	36.17	17.34	26.65	13.17	36.5	20.4	24.26	63.78	66.1	-2.314	24.05	21.54	26.374	793.04	0
"2015-03-14	17:00:00"	15.36	35.16	14.81	27.84	12.73	35.51	17.61	22.47	64.35	66.36	-2.008	23.17	20.82	26.362	666.85	0
"2015-03-14	18:00:00"	13.7	42.24	19.57	22.47	11.23	42.86	22.66	18.89	64.29	65.59	-1.302	22.35	20.32	26.363	425.18	0
"2015-03-14	19:00:00"	12.27	35.71	15.07	21.87	10.01	35.06	17.66	21.28	63.89	64.5	-0.612	22.05	20.42	26.364	226.55	0
"2015-03-14	20:00:00"	10.86	51.38	12.47	17.7	8.46	51.42	13.85	14.72	62.53	62.06	0.465	20.86	19.94	26.373	57.155	0
"2015-03-14	21:00:00"	9.1	49.57	6.525	12.93	6.337	50.4	8.74	9.95	58.05	56.44	1.61	22.69	23.04	26.379	0.424	0
"2015-03-14	22:00:00"	9.31	41.15	7.819	13.52	6.356	34.64	10.82	10.54	54.64	52.83	1.813	25.17	26.09	26.39	0	0
"2015-03-14	23:00:00"	9.08	34.14	7.588	11.74	5.3	20.53	11.53	8.16	50.62	47.04	3.579	29.54	33.9	26.411	0	0
"2015-03-15	00:00:00"	9.42	24.78	3.992	11.14	5.566	20.69	9.4	7.561	46.94	44.52	2.423	33.74	36.89	26.426	0	0
"2015-03-15	01:00:00"	8.59	24.95	4.789	10.54	4.889	23.09	9.4	6.964	45.21	42.65	2.567	35.37	38.87	26.428	0	0
"2015-03-15	02:00:00"	8.46	24.54	4.087	9.95	4.69	23.85	8.96	6.368	44.18	41.48	2.701	35.9	39.82	26.427	0	0
"2015-03-15	03:00:00"	7.198	41.73	8.54	9.35	4.305	28.86	7.075	5.771	45.56	42.1	3.463	31.39	36.58	26.425	0	0
"2015-03-15	04:00:00"	8.5	32.72	5.684	11.74	5.316	27.57	9.18	8.16	43.15	40.85	2.296	34.01	37.3	26.422	0.00221	0
"2015-03-15	05:00:00"	7.952	38.61	8.3	11.14	5.201	30.16	11.89	7.561	42.65	40.49	2.165	33.4	36.47	26.417	0.0001	0
"2015-03-15	06:00:00"	8.43	27.26	4.159	11.14	5.426	24.44	11.45	7.561	39.47	36.99	2.485	38.39	43.06	26.412	0.00835	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2015-03-15	07:00:00"	8.93	16.41	6.3	11.74	5.4	20.03	14.1	9.35	38.63	35.78	2.85	39.76	45.33	26.421	0.02793	0
"2015-03-15	08:00:00"	9.25	13.82	6.096	11.14	5.629	14.6	11.66	8.16	36.31	34.46	1.856	45.85	49.63	26.429	0.37497	0
"2015-03-15	09:00:00"	8.3	5.783	9.17	9.95	5.318	3.705	12.55	8.75	37.66	36.44	1.218	44.86	47.76	26.446	71.413	0
"2015-03-15	10:00:00"	4.837	15.36	12.24	8.75	4.22	16.35	16.38	7.561	47.1	47.97	-0.873	35.15	33.86	26.489	281.98	0
"2015-03-15	11:00:00"	2.883	122.6	70.12	5.771	2.569	120.6	75.63	5.771	54.24	54.85	-0.608	29.51	27.95	26.497	497.24	0
"2015-03-15	12:00:00"	3.692	176.8	60.61	8.75	3.303	171.8	69.28	7.561	57.8	58.65	-0.848	24.21	22.63	26.494	683	0
"2015-03-15	13:00:00"	5.766	147.3	63.99	14.12	4.959	147.3	67.88	11.74	59.73	61.08	-1.348	20.36	18.63	26.493	814.91	0
"2015-03-15	14:00:00"	6.48	139.1	60.82	14.12	5.426	137.1	59.96	12.93	60.91	62.52	-1.602	19.01	17.16	26.473	886	0
"2015-03-15	15:00:00"	6.219	121.6	57.53	14.72	5.226	122.6	59.87	12.33	62.61	64.25	-1.633	17.55	15.73	26.444	885.95	0
"2015-03-15	16:00:00"	5.632	187.5	62.74	14.12	4.847	183.8	63.82	11.14	63.52	65.02	-1.503	16.43	14.71	26.412	804.4	0
"2015-03-15	17:00:00"	5.798	139.4	63.25	15.31	4.903	138.7	64.93	11.74	64.55	65.85	-1.299	15.34	13.63	26.39	665.73	0
"2015-03-15	18:00:00"	6.024	145.4	61.38	13.52	5.202	150.4	61.84	11.74	65.43	66.6	-1.168	16.24	14.48	26.381	520.47	0
"2015-03-15	19:00:00"	8.21	141.8	26.94	15.31	6.739	139.9	30.78	11.74	65.28	66.06	-0.784	17.69	16.03	26.381	265.75	0
"2015-03-15	20:00:00"	8.43	115.3	15.07	11.74	6.544	115.1	16.94	9.95	64.37	64.64	-0.273	19.48	18.03	26.388	120.17	0
"2015-03-15	21:00:00"	8.87	132.5	8.68	11.14	5.935	129.2	10.21	9.95	59.75	58.95	0.801	24.89	24.44	26.405	1.4755	0
"2015-03-15	22:00:00"	8.44	126.3	8.71	11.14	5.075	123.5	10.14	7.561	56.51	55.37	1.145	30.55	30.82	26.42	0	0
"2015-03-15	23:00:00"	7.757	153.9	10.24	11.14	5.526	149.7	10.83	8.16	56.68	55.86	0.826	30.48	30.29	26.426	0	0
"2015-03-16	00:00:00"	8.7	146.8	7.424	11.74	6.295	144.1	7.542	9.35	55.06	54.35	0.716	32.34	32.08	26.426	0	0
"2015-03-16	01:00:00"	8.81	153	9.2	12.93	6.725	149	8.5	9.95	54.82	54.32	0.5	31.3	30.74	26.418	0	0
"2015-03-16	02:00:00"	6.905	162.6	12.75	12.93	5.12	159	14.72	9.95	53.29	52.86	0.422	34.46	33.86	26.404	0	0
"2015-03-16	03:00:00"	5.57	195.6	15.16	9.35	4.066	197.3	18.64	6.368	52.36	52.02	0.344	37.83	37.15	26.401	0	0
"2015-03-16	04:00:00"	5.764	183.6	13.42	9.35	4.156	183.2	17.76	6.964	51.98	51.51	0.464	40.22	39.91	26.389	0	0
"2015-03-16	05:00:00"	4.742	212.6	23.7	8.75	3.472	214.3	28.3	6.368	51.02	50.6	0.424	42.77	42.18	26.381	0	0
"2015-03-16	06:00:00"	4.42	230.1	12.6	6.964	3.188	235	16.94	5.771	51.04	50.48	0.558	43.17	43.01	26.367	0	0
"2015-03-16	07:00:00"	4.908	207.6	11.81	6.368	3.296	202.5	12.62	5.771	50.68	49.92	0.759	43.53	44.1	26.367	0	0
"2015-03-16	08:00:00"	4.554	194	12.52	6.368	2.675	189.2	16.7	4.578	50.12	48.93	1.188	45.04	46.76	26.374	0.18346	0
"2015-03-16	09:00:00"	5.039	170.2	8.43	7.561	3.205	163.1	11.51	5.771	49.81	48.9	0.906	47.91	48.68	26.382	47.882	0
"2015-03-16	10:00:00"	7.649	167.6	10.52	14.12	6.091	164.3	12.5	12.93	54.28	54.57	-0.294	49.91	48.61	26.396	268.94	0
"2015-03-16	11:00:00"	12.04	174.2	10.02	18.3	9.52	170.4	12.8	15.31	59.57	60.56	-0.983	41.98	39.83	26.4	455.65	0
"2015-03-16	12:00:00"	8.83	165.4	15.2	14.12	7.268	162.5	17.35	12.33	61.87	63.07	-1.201	36.75	34.71	26.39	572.41	0
"2015-03-16	13:00:00"	9.53	176.4	18.55	16.51	7.831	173.8	21.06	14.72	64.44	66.18	-1.742	34.49	32.01	26.381	750.28	0
"2015-03-16	14:00:00"	9.33	188.1	17.29	17.1	7.738	186.7	23.83	14.72	66.92	68.83	-1.909	31.67	29.1	26.358	838.25	0
"2015-03-16	15:00:00"	11.74	177.1	18.73	21.87	9.61	174.7	22.71	17.7	68.52	70.51	-1.997	33.59	30.76	26.332	840.77	0
"2015-03-16	16:00:00"	12.25	171	18.58	22.47	10.03	168.6	21.33	20.09	69.76	71.69	-1.934	35.03	32.13	26.309	767.23	0
"2015-03-16	17:00:00"	12.84	169.2	16.29	24.26	10.52	166.5	18.39	18.3	70.97	72.66	-1.689	35.69	32.91	26.296	649.65	0
"2015-03-16	18:00:00"	12.25	186.7	16.39	20.68	9.92	184.7	20.05	17.7	70.78	72.19	-1.414	38.5	35.88	26.288	473.84	0
"2015-03-16	19:00:00"	12.3	183.9	13.59	20.68	9.69	181.7	17.38	16.51	70.63	71.4	-0.774	39.78	37.66	26.273	262.71	0
"2015-03-16	20:00:00"	9.89	168.4	13.59	16.51	7.79	164.6	14.57	12.93	69.37	69.26	0.112	41.51	40.14	26.267	42.036	0
"2015-03-16	21:00:00"	9.88	155.3	10.37	15.31	7.736	151.8	10.72	12.93	64.99	64.66	0.332	47.79	46.76	26.27	0.42656	0
"2015-03-16	22:00:00"	10.47	158.4	9.95	16.51	8.49	154.6	10.27	14.72	62.35	62.1	0.253	52.95	51.94	26.283	0	0
"2015-03-16	23:00:00"	7.894	153.4	8.51	12.93	6.089	149	9.04	10.54	59.64	59.22	0.421	58.19	57.56	26.293	0	0
"2015-03-17	00:00:00"	5.918	153.3	13.02	9.35	3.726	140.6	18.07	7.561	58.04	56.98	1.061	61.8	62.37	26.29	0	0
"2015-03-17	01:00:00"	7.548	163.4	9.93	11.14	5.524	158.1	11.6	9.35	57.41	56.77	0.646	63.67	63.69	26.283	0	0
"2015-03-17	02:00:00"	9.44	171.4	7.475	15.31	7.006	167.4	9.34	12.33	56.34	55.89	0.448	67.08	66.87	26.286	0	0
"2015-03-17	03:00:00"	9.95	180	9.19	15.31	7.649	177.7	12.65	12.33	57.07	56.97	0.094	68.46	67.59	26.284	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-03-17	04:00:00"	10.5	192.3	8.4	15.31	8.01	194	12.28	14.12	57.51	57.45	0.052	69.18	68.19	26.283	0	0
"2015-03-17	05:00:00"	8.05	201.5	11.47	13.52	6.28	199.9	12.93	10.54	57.07	57.05	0.016	71.01	69.97	26.268	0	0
"2015-03-17	06:00:00"	6.515	189.2	17.71	9.35	4.966	185.7	20.78	7.561	56.01	55.87	0.137	74	73.17	26.258	0	0
"2015-03-17	07:00:00"	4.887	166.4	13.49	8.75	3.383	158	19.35	6.964	54.23	53.61	0.621	77.59	77.49	26.262	0	0
"2015-03-17	08:00:00"	5.259	179.7	15.51	9.95	3.571	180.7	22.3	6.368	53.1	52.54	0.564	80.1	80.1	26.265	0.21289	0
"2015-03-17	09:00:00"	3.59	150.4	20.71	6.964	2.221	132.4	25.85	4.578	53.1	52.67	0.429	80.7	80.9	26.268	30.57	0
"2015-03-17	10:00:00"	3.889	176.9	33.58	8.75	3.11	169.5	41.42	7.561	55.25	55.4	-0.149	77.84	76.86	26.28	51.989	0
"2015-03-17	11:00:00"	9.31	47.02	43.03	19.49	7.41	47.78	42.59	15.31	55.09	55.02	0.064	80.7	81.6	26.331	50.274	0.04
"2015-03-17	12:00:00"	10.75	62.54	13.61	25.45	8.48	62.81	15.28	22.47	55.77	55.9	-0.123	83.5	84.3	26.334	118.12	0.03
"2015-03-17	13:00:00"	21.5	37.56	7.794	30.82	17.69	38.03	9.61	28.43	55.12	55.17	-0.047	66.98	69.52	26.33	303.66	0
"2015-03-17	14:00:00"	22.41	38.3	7.975	32.61	18.3	38.41	10.01	27.84	52.25	52.34	-0.09	64.75	65.87	26.327	131.27	0
"2015-03-17	15:00:00"	19.5	35.82	7.236	30.22	15.98	36.31	9.64	28.43	49	48.99	0.017	70.03	71.41	26.319	73.784	0.01
"2015-03-17	16:00:00"	17.13	33.05	7.41	23.66	13.85	33.12	10.34	21.28	49.18	49.31	-0.131	68.2	69.26	26.302	92.207	0
"2015-03-17	17:00:00"	19.62	34.52	7.901	27.24	16.09	34.79	10.51	24.86	49.95	50.12	-0.166	63.38	63.87	26.29	100.98	0
"2015-03-17	18:00:00"	18.81	45.5	9.41	27.24	15.47	45.63	10.7	24.86	50.19	50.17	0.018	62.04	62.4	26.287	59.111	0
"2015-03-17	19:00:00"	17.06	49.78	9.04	25.45	13.89	49.6	10.24	21.87	49.44	49.49	-0.052	65.9	65.97	26.283	49.486	0
"2015-03-17	20:00:00"	16.24	44.66	9.94	24.86	13.42	44.98	10.74	21.28	48.7	48.66	0.041	67.81	67.9	26.285	11.176	0
"2015-03-17	21:00:00"	11.28	31.76	9.24	16.51	9.07	31.75	13.12	14.72	48.5	48.38	0.122	66.45	67.03	26.29	0.0865	0
"2015-03-17	22:00:00"	11.24	29.12	7.76	17.1	8.99	28.62	11.7	14.72	48.61	48.46	0.146	62.82	63.43	26.302	0	0
"2015-03-17	23:00:00"	9.28	29.16	15.91	16.51	7.368	27.98	19.51	12.93	48.01	47.88	0.138	64.2	64.65	26.322	0	0
"2015-03-18	00:00:00"	9.38	42.08	12.24	14.12	7.567	41.96	13.48	12.33	46.02	45.97	0.047	73.21	73.82	26.326	0	0
"2015-03-18	01:00:00"	10.56	33.6	8.41	14.72	8.62	34.42	10.86	13.52	44.25	44.33	-0.082	80.4	80.3	26.302	0	0
"2015-03-18	02:00:00"	8.73	12.03	9.07	12.33	6.77	8.08	14.45	10.54	43.44	43.49	-0.043	83.8	84.1	26.297	0.2167	0.01
"2015-03-18	03:00:00"	8.6	13	6.91	12.93	6.686	8.63	12.73	11.14	43.08	43.11	-0.03	84.4	84.7	26.282	0.28658	0
"2015-03-18	04:00:00"	7.056	14.56	8.37	10.54	5.49	11.98	14.48	8.75	43.29	43.34	-0.057	83.9	84.1	26.281	0.12664	0
"2015-03-18	05:00:00"	7.23	358.6	11.72	10.54	5.657	354.2	14.53	8.16	43.16	43.2	-0.041	83.5	83.6	26.262	0.00058	0
"2015-03-18	06:00:00"	6.155	4.397	24.08	8.75	4.766	0.554	26.44	7.561	43.07	43.16	-0.088	83.8	83.8	26.249	0.00019	0
"2015-03-18	07:00:00"	5.509	51.26	10.14	8.75	4.462	50.92	11.67	7.561	43.01	43.16	-0.152	82.6	82.7	26.244	0	0
"2015-03-18	08:00:00"	5.162	54.12	17.07	8.16	4.104	54.43	18.54	6.964	43.06	43.21	-0.148	82.6	82.5	26.249	0.18507	0
"2015-03-18	09:00:00"	5.044	96	20.72	7.561	3.999	95.6	22.21	6.368	43.16	43.38	-0.218	81.3	81.2	26.254	34.181	0
"2015-03-18	10:00:00"	3.114	165.1	43.87	7.561	2.545	161	59.05	6.368	44.13	44.54	-0.42	79.64	78.9	26.253	171.51	0
"2015-03-18	11:00:00"	5.382	224	17.66	9.35	4.582	225.1	20.62	8.75	45.95	46.52	-0.564	77.79	76.67	26.249	205.81	0
"2015-03-18	12:00:00"	7.358	217.1	19.82	14.72	6.156	215.9	22.52	12.93	47.72	48.74	-1.02	75.91	74.18	26.249	435.39	0
"2015-03-18	13:00:00"	7.866	213.4	20.45	14.12	6.631	212.4	24.08	13.52	50.25	51.75	-1.507	72.4	69.67	26.232	772.15	0
"2015-03-18	14:00:00"	11.17	203.8	16.27	17.7	9.07	202.5	19.94	15.31	51.52	52.96	-1.435	70.42	67.26	26.208	465.21	0
"2015-03-18	15:00:00"	10.33	207.7	17.08	17.1	8.56	207.3	20.19	15.31	53.01	54.65	-1.642	68.77	65.21	26.173	691.49	0
"2015-03-18	16:00:00"	11.04	212.6	16.03	18.3	9.07	211.5	19.2	15.91	53.53	54.7	-1.166	68.66	65.63	26.149	401.61	0
"2015-03-18	17:00:00"	10.09	214.2	16.39	17.7	8.47	212.8	19.36	15.31	55.02	56.28	-1.256	67.21	64.04	26.122	584.25	0
"2015-03-18	18:00:00"	11.33	209	15.63	18.3	9.22	207.1	19.2	16.51	57.68	58.79	-1.113	64.34	61.35	26.102	423.09	0
"2015-03-18	19:00:00"	9.43	211.3	15.77	15.91	7.829	208.2	17.91	13.52	59.28	59.9	-0.62	63.95	61.76	26.092	241.7	0
"2015-03-18	20:00:00"	8.36	198.8	15.68	12.93	6.651	197.1	18.69	11.14	59.54	59.69	-0.142	65.37	63.96	26.089	72.935	0
"2015-03-18	21:00:00"	8.41	169.6	7.815	11.74	6.281	164.3	9.95	9.95	56.94	56.58	0.358	70.86	70.59	26.093	0.52383	0
"2015-03-18	22:00:00"	8.2	161.4	8.63	12.93	6.217	157.7	10.01	9.35	55.67	55.12	0.552	73.66	73.82	26.102	0	0
"2015-03-18	23:00:00"	9.24	168.8	7.938	14.72	6.838	165.6	9.6	11.74	55.2	54.61	0.591	75.77	76.09	26.108	0	0
"2015-03-19	00:00:00"	10.62	182.9	12.33	16.51	7.846	181.2	16.01	12.93	54.51	54.03	0.474	77.96	78.15	26.108	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-19	01:00:00"	7.594	214.7	13.68	11.74	6.213	210	15.5	9.35	52.7	52.57	0.125	82.4	81.9	26.104	0
"2015-03-19	02:00:00"	7.414	218.6	13.98	11.74	5.859	216	15.98	9.95	52.48	52.32	0.166	83.9	83.3	26.098	0
"2015-03-19	03:00:00"	6.418	219.3	14.8	12.93	4.904	217.8	18.04	9.35	52.18	51.89	0.295	85.8	85.3	26.092	0
"2015-03-19	04:00:00"	6.872	219.1	12.83	11.14	5.317	219.3	13.94	9.95	52.26	51.96	0.302	86.5	86.1	26.088	0
"2015-03-19	05:00:00"	4.823	219.9	14.54	7.561	3.483	217.3	20.01	5.771	51.4	51.07	0.328	87.7	87.2	26.077	0
"2015-03-19	06:00:00"	4.79	223.8	40.78	10.54	3.205	232.1	56.59	8.16	50.73	49.69	1.049	89.3	89.1	26.072	0.29729
"2015-03-19	07:00:00"	5.94	207.3	14.17	10.54	4.455	207.4	16.31	8.16	49.66	49.33	0.33	90.4	89.9	26.082	0.55928
"2015-03-19	08:00:00"	6.378	191.3	13.91	11.14	4.635	195.7	18.2	8.75	50.32	49.88	0.434	90.2	89.7	26.087	1.6923
"2015-03-19	09:00:00"	7.171	209.8	14.63	12.93	5.912	212.1	16.14	9.95	50.93	50.8	0.13	88.5	88.2	26.104	49.673
"2015-03-19	10:00:00"	7.94	208.2	12.55	14.12	6.524	206.9	15.75	12.33	52.49	52.54	-0.046	85.2	84.8	26.131	82.402
"2015-03-19	11:00:00"	8.17	216.7	13.78	14.12	6.796	215.4	16.56	12.33	54.87	55.06	-0.192	80.6	79.81	26.147	160.5
"2015-03-19	12:00:00"	9.42	229.1	18.4	15.91	7.774	228.9	20.82	14.12	60.64	61.76	-1.121	66.13	63.76	26.148	670.74
"2015-03-19	13:00:00"	12.51	257.9	21.47	20.09	9.91	259.9	23.27	17.1	65.22	66.78	-1.562	51.82	48.66	26.14	745.17
"2015-03-19	14:00:00"	13.53	265.3	15.15	22.47	10.48	267.6	17.83	21.28	68.7	70.88	-2.18	43.91	40.29	26.127	849.97
"2015-03-19	15:00:00"	13.16	247	19.38	24.26	10.75	249.1	22.37	18.89	68.93	70.69	-1.754	40.3	37.3	26.118	753.59
"2015-03-19	16:00:00"	12.87	240.6	19.81	20.68	10.5	241.3	23.58	19.49	70.8	72.34	-1.544	36.66	34.14	26.099	770.91
"2015-03-19	17:00:00"	12.79	228	21.23	24.86	10.5	228.5	24.44	19.49	71.65	72.71	-1.067	35.67	33.49	26.087	544.49
"2015-03-19	18:00:00"	12.31	216.2	19.14	23.66	10.09	216.3	22.57	20.68	71.95	72.89	-0.941	34.96	32.85	26.084	512.84
"2015-03-19	19:00:00"	12.4	219.8	17.09	20.68	10.17	218.1	20.05	17.7	72.27	72.73	-0.462	33.04	31.23	26.08	295.26
"2015-03-19	20:00:00"	11.29	205.1	12.06	19.49	8.95	202.1	13.69	15.91	71.3	71.22	0.082	32.98	31.61	26.094	74.547
"2015-03-19	21:00:00"	8.73	212.8	13.23	14.12	6.88	210.3	16.03	13.52	68.76	68.39	0.372	35.52	34.43	26.116	1.2269
"2015-03-19	22:00:00"	8.17	188.8	10.9	16.51	5.908	187.6	13.12	13.52	64.85	64.07	0.783	45.48	45.08	26.147	0
"2015-03-19	23:00:00"	4.602	212.4	18.35	8.16	3.29	214.6	23.01	6.368	62.03	61.49	0.54	59.7	59.07	26.173	0
"2015-03-20	00:00:00"	11.46	357.1	84.3	27.84	8.49	359.5	83	24.26	58.79	58	0.784	70.98	70.98	26.203	0
"2015-03-20	01:00:00"	20.54	26.36	6.602	27.24	16.51	26.11	11.14	25.45	52.94	53.12	-0.181	81.8	80.4	26.24	0
"2015-03-20	02:00:00"	20.97	33.67	7.588	29.03	17.01	33.86	10.41	25.45	49.08	49.39	-0.313	86.1	84.5	26.263	0
"2015-03-20	03:00:00"	19.53	38.24	7.335	26.65	16.02	38.75	9.06	23.66	47.6	47.9	-0.299	86.6	85.1	26.279	0.0001
"2015-03-20	04:00:00"	20.16	41.6	7.305	27.84	16.59	41.93	9.01	25.45	46.37	46.65	-0.278	86.9	85.6	26.28	0.11201
"2015-03-20	05:00:00"	16.45	36.83	8.96	26.05	13.54	37.34	10.84	23.66	45.43	45.71	-0.288	86.3	84.9	26.276	0.06186
"2015-03-20	06:00:00"	15.46	21.76	8.05	21.28	12.29	20.48	13.97	18.89	45.23	45.52	-0.291	83.9	82.5	26.286	0
"2015-03-20	07:00:00"	14.69	37.38	10.75	20.68	11.98	37.91	12.6	19.49	45.77	46	-0.223	80.1	78.88	26.302	0
"2015-03-20	08:00:00"	13.28	27.96	11.68	18.3	10.62	27.35	16.03	17.1	45.7	45.93	-0.228	80.1	78.82	26.323	0.07663
"2015-03-20	09:00:00"	12.46	32.39	10.66	17.1	10.04	32.83	13.33	14.72	45.83	45.99	-0.158	80.2	79.69	26.348	6.2353
"2015-03-20	10:00:00"	9.75	45.27	10.1	15.31	7.996	45.63	11.26	13.52	45.83	45.98	-0.155	83.6	83.8	26.374	21.965
"2015-03-20	11:00:00"	12.81	32.36	9.86	20.09	10.3	32.38	13	17.7	45.62	45.94	-0.325	84.6	84.6	26.376	75.509
"2015-03-20	12:00:00"	14.32	27.37	7.867	19.49	11.61	27	12.35	17.7	45.69	46.34	-0.653	83.9	83.1	26.392	147.68
"2015-03-20	13:00:00"	13.4	31.39	9.88	18.3	11.01	31.92	13.24	17.1	47.51	48.42	-0.911	79.34	77.62	26.4	211.38
"2015-03-20	14:00:00"	11.63	28.56	13.23	16.51	9.6	28.58	17.54	15.31	49.46	50.82	-1.354	74.49	71.62	26.39	333.66
"2015-03-20	15:00:00"	8.82	25.14	17.16	14.72	7.365	24.26	22.45	14.12	52.03	53.64	-1.614	69.99	66.34	26.372	367.76
"2015-03-20	16:00:00"	5.793	67.71	54.19	11.74	5.028	69.85	54.63	9.95	54.87	56.13	-1.26	65.29	62.19	26.355	440.89
"2015-03-20	17:00:00"	4.248	128.6	43.75	8.16	3.698	128.9	51.22	8.16	56.42	57.18	-0.755	63.07	60.65	26.343	315.7
"2015-03-20	18:00:00"	5.212	128.8	28.39	9.35	4.443	128.8	32.59	8.75	57.43	58.08	-0.645	61.54	59.22	26.332	252.79
"2015-03-20	19:00:00"	4.66	82.5	41.08	9.95	3.882	83.2	41.29	8.16	58.33	58.87	-0.538	59.49	57.49	26.323	186.55
"2015-03-20	20:00:00"	6.674	112.1	28.64	11.74	5.375	111.1	27.77	10.54	57.16	57.33	-0.164	63.77	62.33	26.318	47.9
"2015-03-20	21:00:00"	6.215	153.2	11.86	9.35	4.796	151	12.3	8.16	53.56	53.48	0.082	73.38	72.39	26.321	1.0151

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-20	22:00:00"	4.107	190.5	17.46	5.771	2.98	187.1	16.8	4.578	52.07	51.85	0.215	77.17	76.44	26.332	0
"2015-03-20	23:00:00"	2.835	221.5	26.1	3.982	1.945	218.3	38.76	2.789	51.6	51.27	0.334	78.68	78.22	26.343	0
"2015-03-21	00:00:00"	1.981	208	27.15	3.982	1.322	168.3	83.6	2.789	51.39	50.31	1.078	79.47	79.97	26.344	0
"2015-03-21	01:00:00"	3.045	194.1	9.74	4.578	2.007	189.8	25.82	3.982	50.81	50.4	0.409	81.4	81.3	26.343	0
"2015-03-21	02:00:00"	2.555	267.7	63.09	5.175	2.03	303.5	66.13	4.578	50.21	49.14	1.071	82.5	83.1	26.33	0
"2015-03-21	03:00:00"	4.302	218.9	39.86	6.368	3.018	213.4	38.58	5.175	49.29	48.79	0.499	84	84.2	26.332	0
"2015-03-21	04:00:00"	4.272	186.2	16.14	6.964	3.364	184.5	19.53	6.368	48.56	48.61	-0.043	88	87.1	26.313	0
"2015-03-21	05:00:00"	3.484	205.8	22.19	5.771	2.767	202.5	23.64	5.771	48.27	48.26	0.014	88.4	87.5	26.292	0
"2015-03-21	06:00:00"	2.488	205.3	48.65	3.386	1.736	210	65.77	2.789	47.93	47.63	0.309	89.1	88.4	26.273	0.20082
"2015-03-21	07:00:00"	2.38	80.1	50.61	3.982	1.979	55.06	47.72	3.386	47.75	46.99	0.757	90.1	88.9	26.276	0.34524
"2015-03-21	08:00:00"	2.743	192.8	45.15	5.175	2.144	185.8	51.23	4.578	47.85	47.85	0.007	90.1	89	26.29	0.46617
"2015-03-21	09:00:00"	3.631	308.1	28.05	5.175	2.439	315.8	28.28	3.982	48.25	48.16	0.089	89.2	88.8	26.302	15.274
"2015-03-21	10:00:00"	2.846	328.7	88.4	5.771	2.298	334.2	84.9	4.578	49.37	49.47	-0.1	87.7	87.2	26.321	37.027
"2015-03-21	11:00:00"	4.247	308.8	12.19	5.771	2.902	310.1	14.11	5.175	50.16	50.44	-0.287	87.2	86.7	26.342	50.697
"2015-03-21	12:00:00"	6.236	9.32	21.49	9.95	5.151	7.356	24.23	9.35	50.69	51.08	-0.392	87	87.4	26.337	127
"2015-03-21	13:00:00"	9.07	66.51	17.09	13.52	7.391	66.88	17.89	11.74	51.93	52.41	-0.484	83.5	84.2	26.317	234.88
"2015-03-21	14:00:00"	9.53	71.72	10.33	12.93	7.54	72.03	11.53	12.33	52.83	53.33	-0.504	79.47	79.79	26.288	213.23
"2015-03-21	15:00:00"	8.97	72.72	13.6	14.12	7.121	73.36	14.8	12.33	53.56	54.05	-0.49	78.46	78.12	26.259	170.74
"2015-03-21	16:00:00"	6.914	59.16	16.75	11.14	5.689	58.75	18.6	9.35	54.17	54.65	-0.483	79.1	78.87	26.236	142.8
"2015-03-21	17:00:00"	5.683	31.69	12.37	8.16	4.725	31.88	14.93	6.964	53.75	53.98	-0.228	82.4	83.3	26.224	76.962
"2015-03-21	18:00:00"	6.364	17.97	8.23	8.75	5.025	16.81	14.48	7.561	53.56	53.72	-0.16	83.2	84	26.216	48.776
"2015-03-21	19:00:00"	4.276	4.286	12.55	6.964	3.353	2.587	17.82	5.771	53.6	53.68	-0.088	83.4	84	26.219	37.482
"2015-03-21	20:00:00"	3.203	72.26	25.96	4.578	2.42	74.66	25.58	3.982	53.08	53.12	-0.048	85.8	86.4	26.223	16.057
"2015-03-21	21:00:00"	2.265	143.8	44.94	4.578	1.8	145.9	67.48	3.982	52.78	52.69	0.092	87.3	87.7	26.223	0.49359
"2015-03-21	22:00:00"	3.456	60.83	32.43	4.578	2.502	49.46	36.08	3.982	52.34	50.79	1.55	87.3	89.1	26.227	0.34519
"2015-03-21	23:00:00"	5.705	143	15.43	9.35	3.797	142.3	18.32	7.561	51.32	50.51	0.815	89.1	89.9	26.232	0.34523
"2015-03-22	00:00:00"	3.896	175	21.04	6.368	2.772	175.5	26.77	5.175	51.18	50.95	0.231	90.1	89.8	26.246	0.34523
"2015-03-22	01:00:00"	5.025	247.8	15.29	8.16	3.696	254.7	17.84	6.368	50.9	50.88	0.022	90.7	90.2	26.251	0.46644
"2015-03-22	02:00:00"	7.096	245.4	13.44	11.74	5.41	252.3	16.92	8.75	51.28	51.22	0.055	90.5	89.9	26.245	0.51845
"2015-03-22	03:00:00"	6.092	223.4	14.65	9.95	5.102	224.3	17.03	9.35	51.52	51.42	0.109	85.9	85.7	26.239	0.34518
"2015-03-22	04:00:00"	4.933	204.5	11.94	8.75	3.848	199.9	13.02	6.964	51.16	51.06	0.103	85.3	85.3	26.228	0.34519
"2015-03-22	05:00:00"	5.568	197.4	10.51	8.16	4.062	196.4	11.14	6.368	50.14	49.83	0.307	87.5	87.2	26.208	0.34522
"2015-03-22	06:00:00"	5.669	213.7	13.78	8.75	4.379	208.3	15.54	6.964	48.44	48.11	0.327	88.8	88.4	26.197	0.34524
"2015-03-22	07:00:00"	5.9	233.9	11.34	9.35	4.661	234.7	13.15	8.16	46.74	46.58	0.166	90	89.4	26.195	0.34524
"2015-03-22	08:00:00"	4.5	238.9	9.1	6.964	3.429	239.8	12.57	5.175	45.53	45.48	0.056	90.2	89.7	26.195	1.1148
"2015-03-22	09:00:00"	3.874	224.5	14.81	5.771	3.233	222.8	15.82	5.175	44.7	44.84	-0.134	90.1	89.8	26.202	54.734
"2015-03-22	10:00:00"	4.391	208.4	15.09	6.964	3.898	210.2	16.86	5.771	47.15	47.65	-0.503	90.6	90.6	26.222	306.11
"2015-03-22	11:00:00"	4.447	239.8	23.62	9.35	3.91	237.1	24.12	8.16	50.97	52.38	-1.416	91.1	90.4	26.231	515.43
"2015-03-22	12:00:00"	6.051	257.6	18.78	9.95	4.929	257	22.18	8.75	55.56	60.05	-4.494	81.1	73.49	26.235	696.42
"2015-03-22	13:00:00"	8.97	292.7	29.28	15.91	6.343	291.5	30.85	12.93	65.78	67.87	-2.089	46.78	45.62	26.224	828.95
"2015-03-22	14:00:00"	9.37	297.7	20.72	16.51	6.727	297.1	23.57	14.72	70.59	72.4	-1.812	35.72	34.31	26.21	893.8
"2015-03-22	15:00:00"	9.46	298	20.25	15.31	6.641	296.9	21.36	13.52	74.36	76.34	-1.981	25.43	24.14	26.191	903.1
"2015-03-22	16:00:00"	9.61	291	23.17	17.1	7.075	291.5	29.08	15.31	76.14	77.97	-1.832	19.79	18.53	26.176	822.56
"2015-03-22	17:00:00"	10.02	291	26.31	19.49	7.143	289.9	27.21	14.72	77.64	79.24	-1.605	16.68	15.53	26.166	706.74
"2015-03-22	18:00:00"	10.03	313.1	32.41	23.66	6.64	311.7	32.55	18.89	78.45	79.73	-1.277	13.69	12.68	26.159	526.14

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data																	
	Time	Wspd10	Wdir10	Sig10	Wspd10 Max	Wspd2	Wdir2	Sig2	Wspd2 Max	AT10 Avg	AT2 Avg	DeltaT Avg	RH10 Avg	RH2 Avg	BP Avg	SR Avg	Rain 60
"2015-03-22	19:00:00"	11.2	308	18.03	17.7	7.218	309	18.97	14.72	78.54	79.15	-0.614	12.12	11.38	26.157	311.72	0
"2015-03-22	20:00:00"	8.42	328.2	8.75	15.31	5.144	328.4	11.31	12.33	77.16	75.72	1.442	11.99	12.71	26.164	75.818	0
"2015-03-22	21:00:00"	4.368	294	51.51	6.964	1.253	313.9	74.43	3.982	74.39	70.37	4.022	14.12	16.87	26.178	0.99465	0
"2015-03-22	22:00:00"	4.814	227.3	19.62	12.93	2.6	248.9	79.07	9.35	69.32	66.81	2.512	23.82	25.77	26.202	0	0
"2015-03-22	23:00:00"	5.341	236.4	10.62	8.75	1.705	237.5	14.84	5.771	65.36	64.06	1.296	35.98	36.65	26.218	0	0
"2015-03-23	00:00:00"	5.132	216.5	13	6.964	2.171	206.8	16.69	5.175	63.3	61.81	1.484	40.93	42.38	26.222	0	0
"2015-03-23	01:00:00"	5.722	188.9	7.646	8.75	1.743	185.2	7.843	6.964	60.78	58.31	2.473	45.45	50.53	26.225	0	0
"2015-03-23	02:00:00"	6.218	181.4	8.21	9.35	3.297	177.2	10.21	6.368	58.28	56.35	1.923	50.45	54.07	26.222	0	0
"2015-03-23	03:00:00"	4.514	218.2	16.39	6.964	1.288	224.8	25.82	4.578	56.91	55.52	1.396	55.19	57.24	26.222	0	0
"2015-03-23	04:00:00"	4.722	216.4	10.75	6.368	1	212.9	14.9	1	55.37	54.08	1.292	57.96	60.28	26.213	0	0
"2015-03-23	05:00:00"	4.613	234.2	14.27	6.964	1	230.8	19.94	1	55.62	53.55	2.065	55.53	59.85	26.205	0	0
"2015-03-23	06:00:00"	6.112	228.5	16.48	12.93	3.124	223.9	21.26	9.35	53.02	51.76	1.262	62.29	64.37	26.203	0	0
"2015-03-23	07:00:00"	6.205	253.2	12.81	8.16	3.358	260.6	22.86	4.578	54.57	51.3	3.271	54.29	62.37	26.201	0	0
"2015-03-23	08:00:00"	5.353	244.6	11.44	8.16	3.039	238	18.76	5.771	54.43	51.75	2.676	50.09	57.68	26.208	1.5407	0
"2015-03-23	09:00:00"	4.81	233.9	18.06	7.561	3.253	222.9	25.09	5.771	51.3	50.28	1.027	59.83	63.65	26.225	98.87	0
"2015-03-23	10:00:00"	5.046	235.7	19.25	7.561	4.006	235.2	22.9	6.964	55.84	56.24	-0.397	52.73	52.91	26.233	311.55	0
"2015-03-23	11:00:00"	7.148	229.6	18.02	12.93	6.001	230	20.14	11.14	65.02	65.68	-0.66	35.97	34.86	26.233	526.19	0
"2015-03-23	12:00:00"	8.87	225.8	16.67	15.31	7.388	226.3	19.44	13.52	70.61	71.56	-0.953	31.79	30.19	26.235	709.82	0
"2015-03-23	13:00:00"	11.48	240.9	18.9	19.49	9.43	241.4	23.04	16.51	75.21	76.53	-1.321	22.19	20.51	26.227	842.03	0
"2015-03-23	14:00:00"	11.16	228.4	20.32	20.68	9.27	228.2	23.33	18.89	77.78	79.1	-1.315	19.15	17.44	26.203	912.94	0
"2015-03-23	15:00:00"	14.31	234.1	18.8	30.22	11.79	234.3	22.06	25.45	79.42	80.8	-1.349	15.86	14.14	26.179	902.87	0
"2015-03-23	16:00:00"	17.07	226.8	16.77	29.03	14.03	226.2	19.84	25.45	80.1	81.2	-1.04	14.43	12.68	26.15	806.59	0
"2015-03-23	17:00:00"	15.87	233.8	18.88	27.24	13.03	234.6	22.39	23.07	80.4	81.3	-0.885	13.35	11.73	26.128	640.37	0
"2015-03-23	18:00:00"	14.86	239.9	16.95	24.86	12.04	241.7	19.98	19.49	80.5	81.1	-0.626	14.77	13.18	26.114	446.83	0
"2015-03-23	19:00:00"	15.31	237.2	16.31	26.65	12.45	238.2	18.9	23.66	80.1	80.3	-0.178	16.14	14.58	26.109	283.4	0
"2015-03-23	20:00:00"	14.02	220.1	13.11	24.26	11.2	219.9	15.5	21.87	78.45	78.24	0.211	18.47	16.95	26.108	73.079	0
"2015-03-23	21:00:00"	7.746	211.3	12.57	13.52	6.089	201.5	13.35	9.95	72.07	71.4	0.663	25.42	24.37	26.111	0.69712	0
"2015-03-23	22:00:00"	8.29	214.4	13.15	13.52	6.502	206	15.87	9.95	68.41	67.72	0.69	28.93	28.06	26.12	0	0
"2015-03-23	23:00:00"	8.06	222.4	13.03	12.33	6.472	218.1	13.25	10.54	65.7	65.11	0.592	32.82	31.99	26.129	0	0
"2015-03-24	00:00:00"	6.775	210.4	13.99	11.14	4.948	202.1	15.23	8.75	64.43	63.48	0.948	34.18	33.9	26.135	0	0
"2015-03-24	01:00:00"	6.984	219.5	14.86	11.74	5.064	217.8	18.9	8.75	63.48	62.54	0.942	36.03	35.77	26.131	0	0
"2015-03-24	02:00:00"	8.09	195.6	14.33	12.93	5.752	192.7	13.97	10.54	60.6	59.55	1.049	40.48	40.79	26.123	0	0
"2015-03-24	03:00:00"	8.1	200.3	10.4	11.74	5.898	200.1	11.02	9.35	57.98	57.36	0.621	49.74	49.23	26.119	0	0
"2015-03-24	04:00:00"	6.29	229.4	16.6	9.95	4.739	232.8	20.01	8.16	55.61	55.06	0.544	56.58	56.17	26.116	0	0
"2015-03-24	05:00:00"	6.088	227.3	13.84	10.54	4.587	228.1	17.5	8.16	53.7	53.14	0.567	61.54	61.39	26.104	0	0
"2015-03-24	06:00:00"	5.265	238.9	14	7.561	3.539	242	18.61	5.771	52.77	51.74	1.029	64.19	65.1	26.105	0	0
"2015-03-24	07:00:00"	4.751	209.2	15.98	8.16	2.782	208.5	30.91	5.175	52.36	50.68	1.677	62.66	66.13	26.112	0	0
"2015-03-24	08:00:00"	4.843	267.5	33.02	7.561	3.018	270.8	39.05	5.771	52.58	49.19	3.396	54.05	60.27	26.124	1.7292	0
"2015-03-24	09:00:00"	6.927	288.5	16.64	11.14	3.86	286	20.44	8.75	52.59	51.1	1.482	49.99	53.75	26.146	104.96	0
"2015-03-24	10:00:00"	12.56	319.9	8.94	18.89	8.67	320.2	10.9	15.31	63.13	63.42	-0.292	29.16	28.95	26.168	323.03	0
"2015-03-24	11:00:00"	15.46	324.4	11.02	23.66	11.31	324.2	12.85	18.89	70.46	71.52	-1.059	18.99	17.91	26.183	542.31	0
"2015-03-24	12:00:00"	15.46	339.1	12.55	24.26	12.08	337	14.5	20.68	73.37	75.11	-1.737	15.53	14.24	26.183	727.8	0
"2015-03-24	13:00:00"	11.1	339.4	21.88	20.09	8.56	336.2	24.11	16.51	75.69	77.77	-2.083	13.4	12.15	26.173	861.61	0
"2015-03-24	14:00:00"	8.15	331.3	50.1	17.1	6.118	330.7	50.77	13.52	76.65	78.51	-1.863	12.42	11.16	26.16	929.81	0
"2015-03-24	15:00:00"	7.927	295.6	45.03	15.31	6.069	295.7	51.19	12.93	77.49	79.25	-1.767	11.33	10.08	26.14	918.18	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-24	16:00:00"	7.682	327	33.77	15.91	5.942	328	37.5	13.52	78.49	80.3	-1.825	10.76	9.5	26.122	844.06	0
"2015-03-24	17:00:00"	7.326	235.2	50.96	15.31	6.028	231.4	52.55	14.12	79.34	80.7	-1.332	9.99	8.65	26.105	723.52	0
"2015-03-24	18:00:00"	7.543	215.7	41.64	14.12	6.188	213.1	48.16	11.74	79.57	80.6	-0.994	10.18	8.82	26.092	534.2	0
"2015-03-24	19:00:00"	9.13	201.5	17.91	15.91	7.37	199.8	21.64	13.52	79.06	79.48	-0.42	11.78	10.33	26.082	314.31	0
"2015-03-24	20:00:00"	10.48	187.7	8.41	15.31	7.94	187.6	12.36	12.33	77.08	76.7	0.38	14.65	13.5	26.084	75.27	0
"2015-03-24	21:00:00"	8.31	185.3	8.58	11.74	5.784	185.1	12.13	9.95	71.93	70.67	1.256	18.51	18.1	26.09	1.2105	0
"2015-03-24	22:00:00"	6.663	176.8	7.934	9.95	4.391	172.5	10.9	8.16	69.7	67.93	1.773	18.66	18.99	26.099	0	0
"2015-03-24	23:00:00"	5.685	183.3	12.67	8.16	3.422	178	18.83	6.368	67.65	65.76	1.889	19.46	20.21	26.108	0	0
"2015-03-25	00:00:00"	4.738	178.8	13.51	8.16	2.632	180.4	26.44	6.368	65.53	63.71	1.819	21.15	22.04	26.111	0	0
"2015-03-25	01:00:00"	5.183	187.6	25.89	9.95	3.242	183	43.96	8.16	62.7	60.8	1.9	25.84	26.66	26.107	0	0
"2015-03-25	02:00:00"	7.163	184.4	12.15	14.12	4.633	183.5	20.11	11.14	61.96	60.08	1.878	28.09	28.98	26.101	0	0
"2015-03-25	03:00:00"	7.496	193.2	12.53	11.14	5.084	192	15.53	9.35	60.06	58.62	1.446	33.51	33.55	26.095	0	0
"2015-03-25	04:00:00"	6.039	188.1	11.74	9.35	3.808	189.1	17.26	6.368	57.8	56.53	1.262	46.09	45.71	26.08	0	0
"2015-03-25	05:00:00"	6.145	208.5	11.76	8.75	4.357	205.7	13.58	6.368	55.39	54.58	0.814	62.74	61.97	26.062	0	0
"2015-03-25	06:00:00"	5.945	231.5	23.46	9.35	4.029	234.5	31.15	6.368	54.8	53.34	1.454	64.71	65.71	26.056	0	0
"2015-03-25	07:00:00"	6.085	208.7	12.11	8.16	4.105	206.9	13.03	6.368	54.41	53.49	0.923	66.89	65.8	26.058	0	0
"2015-03-25	08:00:00"	5.356	209.8	18	8.75	3.561	206.8	24.49	6.964	52.97	51.77	1.193	70.03	70.16	26.073	2.0139	0
"2015-03-25	09:00:00"	6.066	217.5	15.25	9.35	4.698	214.6	17.12	7.561	51.63	51.44	0.192	78.3	77.37	26.086	104.74	0
"2015-03-25	10:00:00"	6.478	217.2	17.67	10.54	5.473	217.5	20.09	9.35	56.42	56.86	-0.439	63.03	61.68	26.094	320.73	0
"2015-03-25	11:00:00"	9.06	256.8	22.38	19.49	6.989	258.4	24.33	15.91	65.96	66.93	-0.97	33.38	31.94	26.1	538.79	0
"2015-03-25	12:00:00"	15.87	285.5	12.2	23.07	10.74	287.2	14.81	19.49	73.78	75.3	-1.52	16.08	14.74	26.1	727.18	0
"2015-03-25	13:00:00"	15.82	276.7	16.26	24.26	11.62	279.3	17.03	21.28	75.48	77.36	-1.878	14.17	12.66	26.093	856.63	0
"2015-03-25	14:00:00"	17.19	265.3	16.42	31.42	13.13	268.6	17.92	25.45	77.02	78.9	-1.885	12.18	10.62	26.078	923.46	0
"2015-03-25	15:00:00"	19.02	263.2	18.22	31.42	14.55	266.2	20.23	25.45	78.34	80.2	-1.889	10.32	8.75	26.055	918.87	0
"2015-03-25	16:00:00"	20.25	256.8	12.95	32.01	15.69	260.5	15.42	26.65	78.04	79.35	-1.306	10.14	8.55	26.04	633.17	0
"2015-03-25	17:00:00"	20.16	251.1	11.46	30.82	15.9	254.2	14.76	26.05	77.22	77.91	-0.689	10.9	9.31	26.033	430.83	0
"2015-03-25	18:00:00"	19.21	251.1	10.16	30.82	14.94	254.5	13.54	24.86	76.92	77.26	-0.346	11.86	10.32	26.03	267.51	0
"2015-03-25	19:00:00"	17.81	252.6	11.28	27.84	14.01	256.2	14.96	24.26	77.02	77.24	-0.216	11.55	10.02	26.028	251.54	0
"2015-03-25	20:00:00"	12.66	262.2	10.22	23.66	9.81	267	11.99	19.49	75.42	75.04	0.376	12.78	11.36	26.042	41.925	0
"2015-03-25	21:00:00"	7.14	273.4	15.63	12.93	4.815	279.5	19.7	9.35	72.16	70.64	1.521	15.71	15.4	26.069	2.0683	0
"2015-03-25	22:00:00"	16.74	342.8	46.16	42.75	11.86	344.6	44.36	32.61	68.04	65.66	2.378	22.33	23.14	26.121	0	0
"2015-03-25	23:00:00"	30.83	26.5	7.239	42.15	24.59	26.46	12.23	37.98	59.06	59.03	0.028	36.86	35.32	26.2	0	0
"2015-03-26	00:00:00"	33.2	28.96	6.987	47.52	26.7	28.91	10.62	43.94	51.8	51.86	-0.063	48.03	46.26	26.233	0	0
"2015-03-26	01:00:00"	33.79	27.91	6.875	49.91	27.08	28.17	10.82	42.15	47.54	47.62	-0.086	55.18	53.5	26.27	0	0
"2015-03-26	02:00:00"	28.65	30.26	6.58	43.94	22.95	30.25	10.08	36.19	45.68	45.67	0.014	58.93	57.51	26.299	0	0
"2015-03-26	03:00:00"	18.93	23.81	8.11	27.84	14.79	22.45	13.2	25.45	43.72	43.64	0.073	63.4	62.18	26.346	0	0
"2015-03-26	04:00:00"	17.87	21.51	7.435	27.24	13.93	19.67	13.69	24.26	42.34	42.3	0.043	66.61	65.44	26.355	0	0
"2015-03-26	05:00:00"	14.09	18.29	8.52	26.05	10.9	15.4	13.83	23.66	41.29	41.2	0.088	69.15	68.15	26.365	0	0
"2015-03-26	06:00:00"	10.46	6.695	10.28	18.3	7.774	1.256	14.93	14.72	40.95	40.57	0.377	69.84	69.64	26.38	0	0
"2015-03-26	07:00:00"	8.77	355.6	10.9	15.31	6.184	350.7	12.04	12.93	39.36	38.59	0.775	72.18	72.68	26.386	0.00115	0
"2015-03-26	08:00:00"	9.7	356	11.08	13.52	6.834	350.6	10.55	11.14	38.2	37.42	0.781	74.82	75.68	26.412	2.3966	0
"2015-03-26	09:00:00"	12.04	351.9	13.93	17.7	9.25	347	13	15.31	38.53	38.72	-0.192	70.65	69.84	26.442	107.68	0
"2015-03-26	10:00:00"	16.03	4.948	13.17	24.26	12.68	0.365	16.91	20.68	40.97	42.09	-1.122	61.02	58.3	26.462	319.29	0
"2015-03-26	11:00:00"	13.86	8.87	12.36	21.87	11.14	4.384	16.37	20.68	43.39	45.26	-1.869	49.97	46.39	26.472	532.55	0
"2015-03-26	12:00:00"	11.5	12.49	16.34	17.7	9.5	9.26	21.55	14.72	46.12	48.52	-2.402	39.95	36.72	26.474	720.51	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-26	13:00:00"	9.02	1.521	24.55	17.7	7.499	357.8	27.43	15.91	49	51.34	-2.342	35.19	32.44	26.466	854.28	0	
"2015-03-26	14:00:00"	8.19	13.02	28.4	17.7	6.885	9.75	33.14	15.91	52.22	54.51	-2.285	29.6	27.15	26.444	921.16	0	
"2015-03-26	15:00:00"	7.825	354.9	34.79	15.91	6.442	350.1	39.8	14.72	54.95	57.16	-2.208	25.79	23.56	26.419	906.24	0	
"2015-03-26	16:00:00"	8.18	358	43.86	16.51	6.756	357.5	44.96	14.72	57.23	59.54	-2.304	22.17	20.15	26.387	844.85	0	
"2015-03-26	17:00:00"	7.55	328.5	46.05	14.72	5.846	326	48.39	13.52	58.95	61.05	-2.1	18.59	16.8	26.358	716.93	0	
"2015-03-26	18:00:00"	7.468	294.9	38.4	13.52	5.468	293.9	40.79	11.14	60.11	61.58	-1.474	17.66	16.01	26.339	532.43	0	
"2015-03-26	19:00:00"	7.006	292.6	34.73	14.12	5.222	292.9	36.06	12.33	60.82	61.81	-0.99	17.39	15.83	26.332	317.55	0	
"2015-03-26	20:00:00"	5.255	296.3	26	9.95	3.659	298.3	25.22	8.75	60.84	60.68	0.166	16.99	16.29	26.334	77.549	0	
"2015-03-26	21:00:00"	3.006	247.3	60.79	4.578	2.102	239.7	84.1	3.386	59.73	58.23	1.494	17.8	18.4	26.343	1.5228	0	
"2015-03-26	22:00:00"	3.777	204.5	16.34	6.964	2.1	192.2	33.02	4.578	56.51	55.19	1.324	21.4	22.82	26.361	0	0	
"2015-03-26	23:00:00"	6.394	195	10.93	9.95	4.418	196.4	12.87	7.561	53.11	52.26	0.848	26.1	25.72	26.37	0	0	
"2015-03-27	00:00:00"	6.117	210.6	13.13	8.75	4.601	201.4	14.64	6.368	49.36	48.72	0.641	31.79	31.12	26.372	0	0	
"2015-03-27	01:00:00"	4.982	221.5	16.25	6.964	3.522	212.4	23.32	6.368	48.03	47.16	0.869	35.31	35.44	26.368	0	0	
"2015-03-27	02:00:00"	5.618	220.4	14.41	9.35	4.062	210.4	17.91	7.561	46.06	45.26	0.803	39.37	39.44	26.355	0.0001	0	
"2015-03-27	03:00:00"	6.642	220.9	12.83	9.95	5.227	214.1	14.12	8.16	45.79	45.33	0.467	40.32	39.57	26.344	0.0001	0	
"2015-03-27	04:00:00"	5.874	221.2	13.55	8.75	4.153	214.5	19.45	7.561	45.84	45.12	0.719	40.37	40.16	26.331	0	0	
"2015-03-27	05:00:00"	7.006	238	10.7	11.14	5.304	239.7	12.97	8.75	45.14	44.62	0.525	42.06	41.55	26.33	0.00067	0	
"2015-03-27	06:00:00"	6.039	222.9	14.89	8.75	4.419	217.6	17.54	7.561	44.27	43.68	0.582	44.03	43.71	26.328	0.0001	0	
"2015-03-27	07:00:00"	6.893	221.7	11.86	9.95	5.546	218.1	10.98	8.16	44.22	43.8	0.419	45.2	44.34	26.327	0	0	
"2015-03-27	08:00:00"	6.277	221.9	12.07	9.95	4.83	217.9	14.86	8.16	43.6	43.05	0.55	48.59	47.99	26.327	2.8272	0	
"2015-03-27	09:00:00"	6.829	237.5	11.44	11.74	5.318	243.1	13.3	8.75	43.63	43.56	0.068	50.42	49.5	26.34	115.17	0	
"2015-03-27	10:00:00"	8.35	227.4	15.95	15.31	6.895	227.2	19.18	12.93	51.2	51.6	-0.399	41.34	39.83	26.347	327.36	0	
"2015-03-27	11:00:00"	9.77	219.7	14.78	14.72	8.14	219.3	17.94	12.93	58.5	59.29	-0.788	33.58	31.8	26.357	539.57	0	
"2015-03-27	12:00:00"	9.9	228.7	18.93	17.1	8.23	230.2	21.42	15.91	64.19	65.4	-1.211	28.56	26.64	26.359	722.07	0	
"2015-03-27	13:00:00"	7.996	258.6	32.99	20.09	6.318	257.8	35.7	21.28	69.05	70.76	-1.705	22.44	20.58	26.351	849.87	0	
"2015-03-27	14:00:00"	7.796	271	38.01	17.1	6.091	271.3	40.91	14.72	72.31	74.13	-1.815	17.25	15.61	26.329	914.51	0	
"2015-03-27	15:00:00"	9.01	269	27.19	18.3	6.935	270.8	29.06	14.72	74.24	76.32	-2.08	14.71	13.14	26.304	896.89	0	
"2015-03-27	16:00:00"	9.36	259.1	36.39	23.07	7.422	263.6	39.54	15.91	75.6	77.34	-1.746	13.69	12.09	26.279	844	0	
"2015-03-27	17:00:00"	9.55	275.7	32.58	17.7	7.303	275.8	35.89	14.72	76.43	78.1	-1.666	13.24	11.67	26.255	713.33	0	
"2015-03-27	18:00:00"	8.62	266.6	22.91	18.3	6.757	267.3	25.62	19.49	76.83	78.05	-1.228	13.6	12.02	26.239	526.93	0	
"2015-03-27	19:00:00"	9.09	237.5	26.7	15.91	7.445	237.4	29.16	15.31	76.67	77.18	-0.513	13.73	12.16	26.231	309.83	0	
"2015-03-27	20:00:00"	9.85	215.2	13.34	17.7	7.937	210.7	16.46	15.31	75.1	74.92	0.172	15.08	13.54	26.232	78.829	0	
"2015-03-27	21:00:00"	6.356	204.5	11.1	9.95	4.541	200.1	10.61	7.561	69.66	68.73	0.928	19.22	18.2	26.241	1.6434	0	
"2015-03-27	22:00:00"	6.024	187.2	10.98	8.75	3.73	189.3	15.54	5.771	67.21	65.59	1.618	22.61	22.51	26.254	0	0	
"2015-03-27	23:00:00"	8.76	163.5	9.46	14.12	6.137	158.3	12.22	10.54	66.83	65.09	1.74	23.24	23.24	26.265	0	0	
"2015-03-28	00:00:00"	10.9	158	9.07	16.51	8.12	151.7	10	14.12	63.56	62.38	1.178	25.77	25.36	26.269	0	0	
"2015-03-28	01:00:00"	10.67	168.1	10	18.3	7.877	165.7	12.13	12.93	60.97	60.01	0.96	28.88	28.4	26.269	0	0	
"2015-03-28	02:00:00"	8.37	193.1	9.12	12.33	5.971	197.4	12.73	8.75	55.99	55.4	0.595	37.69	36.77	26.268	0	0	
"2015-03-28	03:00:00"	7.897	195.8	12.06	11.74	5.571	198.6	14.12	9.35	53.34	52.71	0.628	45.69	44.89	26.254	0	0	
"2015-03-28	04:00:00"	7.954	208.4	11.33	11.14	6.157	203.8	12.14	9.35	52.04	51.59	0.446	49.95	49.05	26.239	0	0	
"2015-03-28	05:00:00"	6.893	219	14.58	11.14	5.488	219.2	17.96	8.16	51.29	50.84	0.448	51.98	51.18	26.225	0	0	
"2015-03-28	06:00:00"	6.829	232.9	11.56	9.95	5.203	237.8	13.83	8.75	50.37	49.84	0.528	54.23	53.7	26.223	0	0	
"2015-03-28	07:00:00"	6.267	237	9.74	8.75	4.563	240.4	11.61	6.964	50.26	49.54	0.722	55.19	55.14	26.223	0	0	
"2015-03-28	08:00:00"	6.589	231.9	11.65	9.35	5.062	231.9	14.96	7.561	49.52	48.96	0.559	56.42	56.16	26.226	3.2753	0	
"2015-03-28	09:00:00"	7.398	234.6	11.04	11.14	5.891	238.3	13.06	9.95	50	49.81	0.185	55.06	54.35	26.239	121.4	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-28	10:00:00"	7.203	227.1	14.05	10.54	6.233	225.5	15.82	10.54	55.28	55.65	-0.368	46.74	45.11	26.246	336.2	0
"2015-03-28	11:00:00"	6.938	226.5	20.11	11.74	5.927	225.6	23.44	10.54	64.6	65.46	-0.856	34.01	32.37	26.248	550.63	0
"2015-03-28	12:00:00"	9.79	275.9	20.28	18.89	7.275	277.1	22.82	14.72	73.41	75.01	-1.597	19.29	17.78	26.244	736.4	0
"2015-03-28	13:00:00"	12.22	295.4	19.02	21.87	8.42	295.6	20.61	18.3	78.94	80.9	-1.965	14.8	13.27	26.226	868.68	0
"2015-03-28	14:00:00"	12.81	302.4	16.8	23.66	8.77	303.2	18.39	18.89	81.3	83.5	-2.159	13.18	11.67	26.211	932.69	0
"2015-03-28	15:00:00"	14.01	285.3	21.54	24.26	10.06	286.7	21.35	19.49	83.1	85.2	-2.138	12	10.44	26.187	905.6	0
"2015-03-28	16:00:00"	14.28	286.2	18.9	25.45	9.92	287.7	20.5	21.28	83.8	85.9	-2.161	9.89	8.46	26.167	863.28	0
"2015-03-28	17:00:00"	13.54	287.8	19.34	25.45	9.54	289.1	20.36	19.49	84.4	86.1	-1.748	8.98	7.57	26.145	730.09	0
"2015-03-28	18:00:00"	12.92	309.7	22.35	21.87	8.87	310.2	22.3	17.1	84.6	86	-1.392	7.914	6.657	26.135	545.73	0
"2015-03-28	19:00:00"	12.21	323.1	14.58	20.68	8.89	322.5	15.14	16.51	84.3	85	-0.68	8.5	7.229	26.139	315.5	0
"2015-03-28	20:00:00"	9.64	334.3	7.844	15.91	6.779	333.1	9.54	12.93	82.5	81.3	1.176	9.48	8.71	26.152	90.641	0
"2015-03-28	21:00:00"	8.69	341.7	2.847	9.95	5.177	344.3	3.446	6.368	80.5	71.63	8.82	10.86	13.83	26.163	1.7794	0
"2015-03-28	22:00:00"	6.42	357.5	22.73	8.75	4.397	2.568	13.29	5.175	79.14	69.74	9.4	10.72	14.72	26.177	0	0
"2015-03-28	23:00:00"	3.246	357.9	32.39	5.175	3.695	12.85	10.36	5.175	78.35	71.24	7.102	10.86	12.71	26.186	0	0
"2015-03-29	00:00:00"	3.906	236.8	58.34	12.33	3.342	281.4	80.1	9.95	71.92	66.92	5	15.47	17.11	26.191	0	0
"2015-03-29	01:00:00"	4.838	211.4	13.2	13.52	2.101	197.5	19.97	8.16	69.94	64.68	5.264	16.66	20.05	26.193	0	0
"2015-03-29	02:00:00"	9.39	187.8	10.34	14.72	6.755	188.5	15.12	12.33	62.26	61.16	1.1	31.89	31.16	26.195	0	0
"2015-03-29	03:00:00"	8.58	191.3	10.2	13.52	5.967	193.1	13.1	10.54	59.85	58.92	0.933	42.65	42.14	26.189	0	0
"2015-03-29	04:00:00"	7.624	200.9	8.13	9.95	5.493	203	9.79	8.16	58.52	57.8	0.714	44.88	44.2	26.175	0	0
"2015-03-29	05:00:00"	7.238	209.3	13.43	12.93	5.109	208.5	14.64	10.54	57.26	56.42	0.838	46.25	45.87	26.165	0	0
"2015-03-29	06:00:00"	6.828	226.4	14.1	9.95	5.083	228.2	15.97	8.16	56.76	55.99	0.77	46.13	45.76	26.161	0	0
"2015-03-29	07:00:00"	7.222	255.4	9.08	10.54	5.023	260.1	10.67	9.35	55.19	53.87	1.326	49.22	49.97	26.172	0	0
"2015-03-29	08:00:00"	8.95	280	7.957	12.93	5.045	283.7	9.44	9.95	52.27	49.4	2.873	53.08	56.7	26.196	3.9888	0
"2015-03-29	09:00:00"	9.03	305.3	13.46	14.12	4.743	305.4	14.95	11.14	55.84	53.91	1.931	46.74	49.79	26.217	128.83	0
"2015-03-29	10:00:00"	15.8	327	8.13	26.05	11.78	326	9.94	20.68	67.45	67.83	-0.387	21.28	20.45	26.224	347.23	0
"2015-03-29	11:00:00"	17.98	326	7.752	24.26	13.43	325.5	9.96	21.28	75.88	76.99	-1.104	14.5	13.25	26.239	564.73	0
"2015-03-29	12:00:00"	17.66	329.6	9.75	23.66	13.41	328.4	11.39	20.09	81.8	83.4	-1.61	12.31	10.95	26.247	750.63	0
"2015-03-29	13:00:00"	19.68	352.2	16.65	29.63	15.64	348	18.68	24.26	83.2	85.1	-1.908	12.18	10.63	26.25	872.43	0
"2015-03-29	14:00:00"	17.88	12	15.46	30.22	14.34	8.11	21.04	27.24	82.4	84.6	-2.233	14.31	12.54	26.254	931.64	0
"2015-03-29	15:00:00"	16.88	32.31	14.49	28.43	13.8	32.44	18.22	24.86	83	85.3	-2.265	15.43	13.44	26.248	900.77	0
"2015-03-29	16:00:00"	15.09	37.55	20.18	25.45	12.44	36.94	23.32	24.86	83.5	85.6	-2.106	14.85	12.91	26.236	837.07	0
"2015-03-29	17:00:00"	12.03	38.67	28.57	21.87	9.89	36.18	31.92	18.89	83.7	85.5	-1.766	13.87	12.08	26.229	706.91	0
"2015-03-29	18:00:00"	13.04	54.19	16.85	23.07	10.64	54.53	18.48	19.49	83.6	84.8	-1.256	13.66	11.9	26.225	512.2	0
"2015-03-29	19:00:00"	15.1	55.3	14.09	24.26	12.02	55.69	15.67	20.68	82.5	83	-0.467	14.98	13.3	26.231	275.48	0
"2015-03-29	20:00:00"	15.45	61.99	8.14	23.07	11.68	63.09	10.58	18.89	79.13	78.78	0.348	16.31	14.8	26.252	76.14	0
"2015-03-29	21:00:00"	14.07	65.37	7.941	19.49	10.23	66.69	10.07	15.91	73.5	72.84	0.656	19.99	18.67	26.273	1.0007	0
"2015-03-29	22:00:00"	15.53	73.18	6.817	21.28	11.67	73.63	8.93	17.1	69.43	68.97	0.466	24.13	22.75	26.297	0	0
"2015-03-29	23:00:00"	14.88	71.42	6.996	19.49	10.99	72.22	9.42	15.91	65.92	65.43	0.484	27.38	26.14	26.312	0	0
"2015-03-30	00:00:00"	15.21	73.5	6.654	19.49	11.3	73.61	8.45	16.51	63.52	63.11	0.415	30	28.8	26.319	0	0
"2015-03-30	01:00:00"	14.39	82.1	8.31	20.09	10.68	80.6	9.76	16.51	62.01	61.68	0.331	32.92	31.69	26.324	0	0
"2015-03-30	02:00:00"	13.66	94.1	7.41	18.3	10.57	93	8.37	15.31	60.54	60.27	0.267	37.89	36.67	26.333	0	0
"2015-03-30	03:00:00"	11.33	100.9	10.09	18.3	8.74	99.3	11.21	15.31	58.96	58.69	0.27	41.38	40.05	26.336	0	0
"2015-03-30	04:00:00"	6.443	52.77	47.21	11.14	3.894	41.95	51.09	6.964	56.9	55.13	1.772	44.18	45.29	26.345	0	0
"2015-03-30	05:00:00"	7.964	339.4	18.81	11.74	4.81	339.1	20.21	8.16	53.97	50.9	3.077	48.43	52.45	26.351	0	0
"2015-03-30	06:00:00"	8.32	6.424	10.51	11.14	4.907	1.408	11.36	6.964	51.55	49.2	2.346	52.64	55.94	26.345	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-03-30	07:00:00"	9.13	16.67	8.72	12.33	6.055	12.66	15.46	9.35	51.41	50.62	0.793	53.77	54.24	26.346	0	0
"2015-03-30	08:00:00"	10.2	32.88	7.45	12.93	7.61	33.06	10.27	11.14	53.02	52.66	0.364	52	51.49	26.36	1.5551	0
"2015-03-30	09:00:00"	10.49	50.88	12.22	14.12	8.22	50.77	13.81	12.33	54.02	53.93	0.091	50.04	49.11	26.377	44.529	0
"2015-03-30	10:00:00"	10.81	71.42	9.67	15.31	8.4	71.76	11.16	12.33	56.6	56.92	-0.311	45.37	43.75	26.38	151.11	0
"2015-03-30	11:00:00"	12.25	103	15.82	17.1	9.92	102.7	18.05	14.72	59.31	60.18	-0.863	42.96	40.59	26.384	333.1	0
"2015-03-30	12:00:00"	10.93	117.5	12.94	15.31	9	117.5	14.57	13.52	62.71	63.92	-1.209	43.57	40.66	26.386	452.27	0
"2015-03-30	13:00:00"	9.28	140	24.9	15.31	7.689	139.5	25.2	12.33	65.9	67.12	-1.219	44.01	41.1	26.373	562.51	0
"2015-03-30	14:00:00"	9.26	179.2	20.58	18.3	7.508	177.1	22.78	14.12	68.12	69.42	-1.303	45.34	42.34	26.354	491.43	0
"2015-03-30	15:00:00"	9.24	185.5	20.61	15.31	7.497	184.1	23.51	14.12	70.01	71.46	-1.448	45.45	42.28	26.33	550.41	0
"2015-03-30	16:00:00"	9.6	183.9	18.96	15.31	7.812	182.1	22.6	13.52	71.39	72.91	-1.521	45.32	42.07	26.301	600.18	0
"2015-03-30	17:00:00"	11.03	179.7	15.77	18.89	8.87	177.6	19.22	15.91	73.04	74.39	-1.346	41.91	39.01	26.267	454	0
"2015-03-30	18:00:00"	11.3	166.3	14.41	18.3	9.06	163	15.54	15.31	73.95	74.6	-0.657	40.41	38.36	26.24	231.8	0
"2015-03-30	19:00:00"	10.61	174.8	11.03	17.7	8.29	172.2	14.33	14.72	73.92	74.15	-0.228	42.17	40.32	26.232	120.52	0
"2015-03-30	20:00:00"	8.06	171.8	9.18	12.93	6.143	167.8	11.07	11.14	73.23	72.98	0.256	45.13	43.91	26.226	41.14	0
"2015-03-30	21:00:00"	5.177	196	9.45	8.16	3.498	195	11.74	6.368	70.26	69.6	0.658	49.39	48.74	26.232	2.3847	0
"2015-03-30	22:00:00"	4.503	211.6	16.84	6.368	2.759	208.3	19.76	5.175	67.7	66.85	0.854	53.7	53.45	26.243	0	0
"2015-03-30	23:00:00"	3.732	227.1	12.82	5.175	1.803	212.4	27.49	3.982	67.03	65.71	1.323	54.99	55.66	26.244	0	0
"2015-03-31	00:00:00"	3.863	230.2	9.83	5.175	1.905	229.5	17.61	3.982	66.3	64.78	1.519	55.91	56.98	26.237	0	0
"2015-03-31	01:00:00"	4.424	198.8	17.84	6.964	2.22	183.3	20.03	3.982	63.81	61.58	2.235	60.34	62.35	26.228	0	0
"2015-03-31	02:00:00"	6.142	212	13.28	9.95	4.285	211.4	15.47	7.561	62.68	61.83	0.846	64.69	64.76	26.223	0	0
"2015-03-31	03:00:00"	6.214	240.7	13.9	9.35	4.1	246.4	17.46	6.368	62.3	61.09	1.214	66.47	66.92	26.213	0	0
"2015-03-31	04:00:00"	5.989	228.3	15.97	8.16	4.238	229.3	18.54	6.964	61.16	60.33	0.828	69.65	69.67	26.201	0	0
"2015-03-31	05:00:00"	6.402	232.7	13.01	8.75	4.601	236	15.65	7.561	59.12	58.41	0.708	75.11	74.75	26.188	0	0
"2015-03-31	06:00:00"	6.526	266.1	27.74	10.54	3.761	281.9	29.57	6.964	56.79	54.7	2.092	81.3	82	26.181	0	0
"2015-03-31	07:00:00"	5.534	271.5	24.28	9.95	2.892	286.9	32.84	6.368	55.63	53.02	2.607	85.1	86.2	26.18	0.24147	0
"2015-03-31	08:00:00"	5.224	259.5	12.08	6.964	3.2	280.6	19.5	5.175	56.82	53.06	3.762	85.6	86.7	26.182	4.5776	0
"2015-03-31	09:00:00"	5.541	237.7	16.37	10.54	3.845	249	27.82	9.35	57.24	55.88	1.361	85.3	86.1	26.191	128.65	0
"2015-03-31	10:00:00"	8.94	210.6	13.86	14.12	7.387	208.1	15.5	14.12	62.21	62.65	-0.438	76.08	74.52	26.196	318.41	0
"2015-03-31	11:00:00"	6.311	243.5	15.77	11.74	5.244	244	19.7	9.95	66.51	67.28	-0.775	64.64	62.5	26.205	362.64	0
"2015-03-31	12:00:00"	6.164	216	17.58	10.54	5.086	216.5	21.08	9.35	69.06	69.6	-0.538	60.17	58.18	26.206	261.66	0
"2015-03-31	13:00:00"	9.36	210	13.61	14.72	7.627	209	16.66	13.52	70.17	70.73	-0.562	55.68	53.56	26.202	301.39	0
"2015-03-31	14:00:00"	10.36	224.4	17.77	16.51	8.4	223.2	21.18	14.72	72.41	73.28	-0.865	46.03	43.77	26.185	510.91	0
"2015-03-31	15:00:00"	11.09	217.2	17.09	17.7	9.19	214.6	20.8	16.51	76.17	76.97	-0.802	34.62	32.66	26.16	480.64	0
"2015-03-31	16:00:00"	12.37	212.2	15.16	22.47	10.23	209.9	17.99	20.09	78.79	79.74	-0.956	25.18	23.27	26.131	646.94	0
"2015-03-31	17:00:00"	14.94	213.7	15.73	23.07	12.31	211.7	18.71	21.87	79.32	80.1	-0.744	25.32	23.34	26.106	484.1	0
"2015-03-31	18:00:00"	15.74	212.7	14.92	24.86	12.66	211.3	17.28	20.68	79.14	79.67	-0.525	24.65	22.77	26.09	349.47	0
"2015-03-31	19:00:00"	15.01	207.3	12.91	25.45	11.9	204.6	15.29	20.09	77.3	77.4	-0.099	25.77	24.1	26.091	127	0
"2015-03-31	20:00:00"	12.65	203.5	10.52	21.28	10.07	199.9	11.64	18.3	74.72	74.63	0.095	29.65	28.11	26.096	32.85	0
"2015-03-31	21:00:00"	9.83	200.5	8.44	14.72	7.471	199.3	10.61	11.14	72.04	71.77	0.272	32.72	31.41	26.103	0.62614	0
"2015-03-31	22:00:00"	7.549	189.9	11.31	11.14	5.492	188.6	14.07	8.75	68.57	67.95	0.626	37.07	36.26	26.115	0	0
"2015-03-31	23:00:00"	4.799	192	19.22	9.35	3.02	190.2	31.53	6.964	66.26	65.19	1.068	39.77	39.72	26.119	0	0
"2015-04-01	00:00:00"	3.311	205	20.09	6.964	1.423	200.7	45.62	5.175	65.2	63.36	1.834	41.19	42.21	26.119	0	0
"2015-04-01	01:00:00"	7.371	190.2	14.34	12.93	4.954	188.3	17.55	11.14	62.85	61.61	1.238	43.6	44.18	26.119	0	0
"2015-04-01	02:00:00"	6.523	215.7	16.17	9.35	4.713	208.6	21.14	7.561	61.62	60.86	0.761	45.61	45.21	26.116	0	0
"2015-04-01	03:00:00"	5.489	237.2	11.3	8.75	4.055	232.3	15.42	7.561	61.33	60.71	0.624	46.21	45.6	26.095	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-04-01	04:00:00"	5.723	203.7	23.12	10.54	3.893	201.6	31.02	9.35	59.11	57.95	1.16	51.31	51.93	26.084	0	0
"2015-04-01	05:00:00"	6.571	191.5	13.87	9.95	4.496	189.7	16.97	8.16	57.55	56.47	1.086	54.16	54.73	26.073	0	0
"2015-04-01	06:00:00"	8.82	176.7	8.88	13.52	6.369	174.1	11.07	9.95	56.37	55.53	0.838	58.29	58.39	26.072	0	0
"2015-04-01	07:00:00"	7.815	200.4	16.3	14.72	5.809	202.5	17.97	10.54	54.82	54.29	0.523	66.42	65.91	26.067	0	0
"2015-04-01	08:00:00"	6.809	193.6	14.53	9.95	4.692	194.2	17.04	8.16	53.82	53.03	0.786	69.17	69.33	26.067	4.4604	0
"2015-04-01	09:00:00"	7.943	186.5	11.03	12.93	5.903	185.9	14.61	9.95	54.88	54.71	0.173	67.39	66.94	26.074	127.04	0
"2015-04-01	10:00:00"	10.68	205.6	16.53	16.51	8.58	204	19.02	15.31	60.61	61.1	-0.495	52.92	51.08	26.084	337.27	0
"2015-04-01	11:00:00"	8.73	248.5	12.32	14.12	7.08	250.3	16.05	12.93	64.37	65.64	-1.269	47.15	44.51	26.099	546.53	0
"2015-04-01	12:00:00"	8.52	244.4	19.95	18.89	7.021	243.7	22.63	14.72	70.95	72.37	-1.411	36.47	34.27	26.097	727.5	0
"2015-04-01	13:00:00"	9.25	275.3	26.8	18.3	7.045	277.1	29.4	14.12	75.29	77.26	-1.967	28.23	25.96	26.078	856.69	0
"2015-04-01	14:00:00"	9.55	299.9	24.7	20.09	6.788	298.3	26.77	16.51	77.75	80.1	-2.308	23.7	21.47	26.055	923.82	0
"2015-04-01	15:00:00"	7.941	279.9	38.76	18.3	5.973	281.6	41.8	15.31	79.28	81.3	-2.066	21.6	19.53	26.031	903.05	0
"2015-04-01	16:00:00"	9.35	249.7	29.38	18.89	7.552	252.4	34.59	16.51	81	82.7	-1.709	18.89	16.92	26.01	847.31	0
"2015-04-01	17:00:00"	10.27	245	42.79	24.26	8.29	246.9	44.71	20.09	82.1	83.6	-1.496	17.49	15.61	25.989	702.69	0
"2015-04-01	18:00:00"	11.71	243.2	27.68	21.28	9.32	243.2	31.29	18.3	82.5	83.6	-1.074	16.49	14.69	25.981	496.56	0
"2015-04-01	19:00:00"	13.3	242.4	16.7	24.26	10.77	243.8	20.28	20.09	82.6	83	-0.377	15.91	14.2	25.977	287.35	0
"2015-04-01	20:00:00"	12.32	233.1	14.97	20.09	10.16	232.8	17.93	17.1	81.2	81.2	0.069	19.18	17.53	25.982	120.47	0
"2015-04-01	21:00:00"	9.5	214.9	13.23	15.91	7.661	210.8	15.09	13.52	76.05	75.63	0.42	23.41	21.95	25.991	2.2504	0
"2015-04-01	22:00:00"	8.1	220.7	14.91	14.72	6.337	217	16.42	11.14	71.55	71.02	0.537	27.05	25.81	26.012	0	0
"2015-04-01	23:00:00"	6.447	225.4	14.01	12.93	4.624	221.4	17.07	11.14	67.49	66.76	0.731	30.4	29.49	26.032	0	0
"2015-04-02	00:00:00"	8.11	235.8	12.37	17.1	6.095	234.5	14.49	12.33	67.25	66.54	0.714	29.83	28.9	26.043	0	0
"2015-04-02	01:00:00"	6.793	234.3	12.05	9.95	4.982	231.9	14.31	8.16	64.67	63.99	0.676	32.57	31.7	26.047	0	0
"2015-04-02	02:00:00"	6.947	241.3	13.38	13.52	4.889	240.4	16.76	8.75	64.52	63.51	1.008	32.66	32.18	26.048	0	0
"2015-04-02	03:00:00"	6.977	235.9	21.51	13.52	4.968	230	29.8	11.14	62.93	61.79	1.139	34.58	34.41	26.046	0	0
"2015-04-02	04:00:00"	8.53	255.2	10.32	14.12	6.093	259.3	13.21	11.74	63.45	62.24	1.211	32.92	32.76	26.051	0	0
"2015-04-02	05:00:00"	8.54	281.2	12.43	14.72	4.878	287.9	18.68	9.95	63.43	60.25	3.182	32.68	34.7	26.049	0	0
"2015-04-02	06:00:00"	7.367	270	21.24	14.12	4.238	272.3	26.37	9.95	62.46	60.19	2.278	33.72	34.79	26.051	0	0
"2015-04-02	07:00:00"	10.72	282.7	10.18	17.7	5.919	289.9	14.31	13.52	63.28	60.88	2.403	33.97	35.13	26.059	0	0
"2015-04-02	08:00:00"	8.17	286.9	14.88	15.31	4.352	286.7	17.98	11.74	61.03	58.81	2.224	37.81	39.15	26.078	6.3324	0
"2015-04-02	09:00:00"	7.953	210.2	16.82	17.1	6.34	206.7	17.81	14.72	58.97	58.85	0.128	49.09	47.95	26.107	139.64	0
"2015-04-02	10:00:00"	7.317	224.3	21.1	11.74	6.122	223.2	24.09	10.54	63	63.56	-0.566	45.38	43.56	26.117	351.89	0
"2015-04-02	11:00:00"	8.64	212.6	18.89	14.72	7.203	209.5	21.34	12.93	70.85	71.79	-0.948	34.13	32.29	26.13	561.09	0
"2015-04-02	12:00:00"	17.17	260.7	13.4	29.03	13.29	262.3	16.28	27.24	77.76	79.17	-1.409	19.52	17.64	26.134	741.48	0
"2015-04-02	13:00:00"	17.11	257.8	17.23	31.42	13.55	261.5	18.84	24.26	78.69	80.4	-1.663	18.92	16.88	26.122	847.03	0
"2015-04-02	14:00:00"	15.84	228.8	18.79	29.63	12.99	228.7	21.83	24.26	80	81.4	-1.406	20.23	18.08	26.101	933.96	0
"2015-04-02	15:00:00"	21.54	224.9	16.86	39.77	17.54	224.4	20.47	35.59	81.4	82.7	-1.276	18.63	16.49	26.07	887.33	0
"2015-04-02	16:00:00"	22.71	227.2	16.5	40.96	18.51	225.6	19.56	33.8	82.3	83.4	-1.069	17.06	15	26.039	865.62	0
"2015-04-02	17:00:00"	22.88	234.1	13.89	36.78	18.74	235.1	17.07	35	83.1	84	-0.899	11.9	9.99	26.019	736.93	0
"2015-04-02	18:00:00"	22.45	233.3	15.47	36.78	18.54	233.6	18.5	35	83	83.7	-0.626	13.07	11.19	26.007	547.88	0
"2015-04-02	19:00:00"	19.66	232.1	13.3	34.4	16.1	232.3	16.36	30.22	82.3	82.4	-0.134	14.55	12.78	26.004	233.37	0
"2015-04-02	20:00:00"	13.25	233.1	12.43	23.07	10.78	233.9	15.41	20.09	80.5	80.3	0.229	16.9	15.26	26.011	57.658	0
"2015-04-02	21:00:00"	10.52	244.6	10.12	15.91	8.33	245.9	12	14.12	78.26	77.65	0.615	19.23	17.83	26.027	2.5271	0
"2015-04-02	22:00:00"	10.9	240.3	10.79	17.7	8.5	243.9	12.3	14.72	75.72	75.02	0.701	21.01	19.71	26.053	0	0
"2015-04-02	23:00:00"	6.985	256.2	13.53	15.31	4.772	262.2	18.23	12.33	71.6	70.29	1.312	23.68	22.98	26.077	0	0
"2015-04-03	00:00:00"	12.96	274	19.24	26.05	8.06	279.1	22.39	21.28	72.23	70.29	1.94	23.04	22.92	26.087	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-03	01:00:00"	10.83	293.8	8.49	23.66	5.339	300.4	12.13	18.3	68.64	65.95	2.682	25.73	26.5	26.095	0	0
"2015-04-03	02:00:00"	7.769	296.5	4.817	12.33	2.605	305.5	9.38	5.175	65.87	60.79	5.083	27.53	31.04	26.102	0	0
"2015-04-03	03:00:00"	9.75	289.6	9.46	17.7	4.119	304.7	11.55	11.74	66.53	60.96	5.561	25.03	29.38	26.101	0	0
"2015-04-03	04:00:00"	10.86	292.3	7.653	16.51	4.499	303	10.28	11.14	66.37	61.66	4.712	23.24	26.45	26.094	0	0
"2015-04-03	05:00:00"	10.67	310.1	6.23	12.93	5.275	321.3	9.45	7.561	63.68	58.09	5.596	25.26	29.9	26.108	0	0
"2015-04-03	06:00:00"	11.69	318	11.83	21.28	6.59	324.6	9.53	16.51	60.82	55.87	4.955	27.96	32.23	26.135	0	0
"2015-04-03	07:00:00"	22.4	9.01	13.81	36.19	17.04	4.999	17.37	29.63	53.56	52.9	0.658	37.69	36.87	26.185	0	0
"2015-04-03	08:00:00"	24.81	22.46	7.421	35	19.35	21.02	14.03	29.63	44.74	44.73	0.008	58.41	56.84	26.226	4.4962	0
"2015-04-03	09:00:00"	24.05	33.66	7.391	37.98	19.48	33.56	10.16	33.8	44.04	44.36	-0.324	62	60.05	26.271	123.71	0
"2015-04-03	10:00:00"	26.89	34.04	8.66	36.78	21.91	34.39	11.25	30.82	45.47	46.48	-1.007	59.82	56.71	26.305	341.87	0
"2015-04-03	11:00:00"	24.67	36.09	9.37	33.21	20.13	35.99	11.91	29.03	47.76	49.45	-1.691	56.25	52.12	26.349	545.64	0
"2015-04-03	12:00:00"	22.76	34.54	9.29	31.42	18.76	34.63	12.45	28.43	50.73	52.97	-2.235	51.42	46.68	26.381	722.63	0
"2015-04-03	13:00:00"	19.61	29.58	12.45	31.42	16.07	28.91	17.61	24.86	53.83	56.54	-2.707	46.79	41.7	26.397	856.82	0
"2015-04-03	14:00:00"	17.76	30.85	13.62	26.65	14.57	30.41	17.07	24.86	57.15	60.1	-2.95	41.19	36.76	26.391	928.31	0
"2015-04-03	15:00:00"	16.39	36.34	12.59	25.45	13.82	36	16.02	21.87	59.67	62.44	-2.764	37.28	33.51	26.377	884.46	0
"2015-04-03	16:00:00"	15.67	30.16	12.93	24.26	12.99	29.43	17.37	21.87	61.4	64.33	-2.929	33.94	30.33	26.36	855.35	0
"2015-04-03	17:00:00"	15.54	32.4	14.11	24.26	12.68	32.11	17.43	20.09	62.53	64.31	-1.779	32.25	29.48	26.35	443.88	0
"2015-04-03	18:00:00"	14.77	56.74	13.49	23.07	11.94	56.99	16.11	19.49	63.21	64.54	-1.326	31.08	28.62	26.349	394.87	0
"2015-04-03	19:00:00"	15.79	65.76	11.83	23.66	12.27	65.98	13.88	19.49	62.42	63.16	-0.745	31.95	29.84	26.357	187.82	0
"2015-04-03	20:00:00"	15.19	65.94	8.51	22.47	11.56	67.79	10.98	18.89	61.04	61.18	-0.141	33.16	31.49	26.367	53.525	0
"2015-04-03	21:00:00"	12.91	64.05	8.18	18.3	9.64	65.65	10.48	14.12	59.04	58.93	0.108	35.01	33.63	26.389	1.2623	0
"2015-04-03	22:00:00"	12.98	77.44	11.08	19.49	9.85	77.36	11.83	15.31	57.16	57.07	0.092	37.34	35.95	26.425	0	0
"2015-04-03	23:00:00"	13.95	85.6	7.546	21.87	10.48	84.7	9.61	17.7	55.31	55.23	0.075	39.99	38.56	26.452	0	0
"2015-04-04	00:00:00"	14.71	83	7.352	26.65	11.17	81.8	9.73	20.09	53.44	53.4	0.044	42.77	41.12	26.463	0	0
"2015-04-04	01:00:00"	15.94	77.12	7.74	25.45	12.13	76.63	9.71	20.68	51.41	51.39	0.013	45.18	43.5	26.467	0	0
"2015-04-04	02:00:00"	13.52	75.37	7.622	20.09	10.35	74.81	9.75	15.91	50.08	50.09	-0.007	47.23	45.59	26.484	0	0
"2015-04-04	03:00:00"	11.92	74.12	7.601	17.1	8.94	73.72	9.95	14.12	49	49.01	-0.004	49.77	48.19	26.476	0	0
"2015-04-04	04:00:00"	10.54	70.67	7.989	17.1	7.943	71.57	9.9	13.52	47.72	47.71	0.015	53.11	51.62	26.466	0	0
"2015-04-04	05:00:00"	10.44	75.29	8.76	17.1	7.788	74.77	10.29	12.93	46.15	46.12	0.027	56.59	55.2	26.456	0	0
"2015-04-04	06:00:00"	11.77	82.5	7.786	17.1	8.87	81.1	9.71	13.52	45.23	45.23	0	57.3	55.91	26.444	0	0
"2015-04-04	07:00:00"	11.62	86	8.24	17.1	8.85	84.4	10.04	14.72	44.62	44.65	-0.03	54.75	53.39	26.45	0	0
"2015-04-04	08:00:00"	10.47	77.4	7.363	14.72	7.887	76.43	9.57	11.74	43.73	43.74	-0.005	53.44	52.1	26.464	4.3595	0
"2015-04-04	09:00:00"	12.69	87.8	9.43	19.49	9.81	86.4	11.48	16.51	43.69	43.92	-0.229	51.91	50.33	26.478	91.321	0
"2015-04-04	10:00:00"	16.94	100.7	9.86	23.66	13.48	100.3	11.84	19.49	46.17	47.08	-0.908	43.24	40.87	26.497	343.15	0
"2015-04-04	11:00:00"	16.83	107	10.18	24.86	13.76	106.3	12.3	20.68	47.87	49.29	-1.42	37.59	35.07	26.509	528.5	0
"2015-04-04	12:00:00"	15.76	122.1	13.42	22.47	12.69	122.4	14.75	19.49	49.49	51.22	-1.733	35.35	32.58	26.505	500.26	0
"2015-04-04	13:00:00"	13.78	123	16.11	24.26	11.24	122.6	17.33	19.49	51.19	53.04	-1.851	32.38	29.7	26.488	663.1	0
"2015-04-04	14:00:00"	12.56	129.4	17.12	23.66	10.19	129.2	16.79	20.09	53.46	55.5	-2.035	31.02	28.17	26.451	589.42	0
"2015-04-04	15:00:00"	12.94	131.8	19.18	19.49	10.45	130.4	19.84	17.1	54.32	56	-1.684	31.64	29.01	26.415	401.71	0
"2015-04-04	16:00:00"	12.89	140.4	15.02	18.89	10.42	138.6	15.4	17.1	53.96	55.17	-1.216	33.67	31.28	26.374	227.74	0
"2015-04-04	17:00:00"	11.38	139.7	14.07	18.3	9.16	137.7	14.44	14.72	53.07	54.09	-1.025	34.43	32.19	26.346	150.7	0
"2015-04-04	18:00:00"	10.41	151.6	12.8	15.31	8.47	149.2	13.27	13.52	53	53.69	-0.689	34.92	32.97	26.331	90.643	0
"2015-04-04	19:00:00"	12.18	136.4	12.53	18.3	9.62	134.8	13.1	15.91	53.73	54.48	-0.746	33.02	31.05	26.31	113.1	0
"2015-04-04	20:00:00"	11.94	133.9	10.58	17.1	9.42	132.9	11.63	14.12	54.22	54.62	-0.405	31.87	30.1	26.294	35.428	0
"2015-04-04	21:00:00"	12.01	151.9	15.4	17.7	9.54	149.2	15.45	14.72	54.41	54.6	-0.191	33.16	31.51	26.287	0.66187	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-04	22:00:00"	11.89	162.8	10.27	18.89	9.54	158.5	11.42	16.51	53.71	53.86	-0.155	36.69	35.1	26.292	0
"2015-04-04	23:00:00"	7.485	165.7	9.47	11.74	5.79	162.4	10.82	9.95	51.95	51.85	0.108	40.87	39.47	26.287	0
"2015-04-05	00:00:00"	7.713	162.8	10.53	12.33	6.155	159.2	11.16	9.35	50.09	50.03	0.057	49.41	47.9	26.269	0
"2015-04-05	01:00:00"	7.86	174	6.622	11.74	5.945	167.6	9.2	8.75	48.78	48.67	0.111	53.46	52.16	26.252	0
"2015-04-05	02:00:00"	7.357	175.6	8.32	11.14	5.595	170.9	10.69	9.95	48.1	47.97	0.128	55.86	54.59	26.238	0
"2015-04-05	03:00:00"	6.899	169.9	12.99	11.74	5.065	162.1	16.34	8.75	47.27	47.04	0.229	59.83	58.61	26.208	0
"2015-04-05	04:00:00"	3.957	166.6	15.24	6.368	2.738	151.9	28.75	5.175	47.41	47.19	0.216	62.3	60.89	26.192	0
"2015-04-05	05:00:00"	2.802	165.5	24.42	4.578	1.722	102.4	52.64	3.386	47.38	46.76	0.617	64.74	62.72	26.161	0
"2015-04-05	06:00:00"	3.411	119.2	34.16	7.561	2.389	85.8	31.24	5.771	47.05	46.61	0.44	66.94	65.11	26.139	0
"2015-04-05	07:00:00"	4.564	96.5	34.48	6.964	3.225	94.4	38.43	5.175	46.13	46.16	-0.035	70.04	68.46	26.13	0
"2015-04-05	08:00:00"	6.4	131.9	12.25	11.74	4.866	129.7	13.27	9.95	47.32	47.41	-0.092	75.07	73.47	26.137	4.6165
"2015-04-05	09:00:00"	5.314	149.3	13.46	8.16	4.25	148.3	14.43	6.368	48.06	48.26	-0.2	77.26	75.76	26.151	32.229
"2015-04-05	10:00:00"	6.735	178.5	13.3	10.54	5.395	176.7	16.8	9.35	49.42	49.95	-0.526	77.46	75.43	26.154	121.62
"2015-04-05	11:00:00"	8.93	185.1	12.15	12.93	7.206	182.3	16.02	11.14	52.62	53.81	-1.194	73.52	70.28	26.16	411.68
"2015-04-05	12:00:00"	7.633	197.6	21.1	13.52	6.417	196.6	26.08	11.74	58.92	60.5	-1.585	61.53	57.9	26.146	680.8
"2015-04-05	13:00:00"	9.76	211.9	16	16.51	8.06	211.6	19.55	14.12	64.04	65.65	-1.606	52.76	49.1	26.124	807.36
"2015-04-05	14:00:00"	11.06	234.8	18.23	18.3	9.16	236	21.37	16.51	70.57	72.31	-1.736	41.34	38.2	26.09	911.07
"2015-04-05	15:00:00"	11.82	246.7	16.77	20.68	9.72	248	19.3	17.7	76.86	78.83	-1.971	29.75	27.11	26.06	904.39
"2015-04-05	16:00:00"	13.4	236.4	18.16	23.66	11.05	236.8	21.94	19.49	80	81.6	-1.55	22.06	19.77	26.029	829.41
"2015-04-05	17:00:00"	13.45	230.9	21.55	23.66	11	231.3	25.01	21.87	80.9	82.2	-1.322	22.5	20.28	26.004	682.57
"2015-04-05	18:00:00"	13.99	231.5	18.37	24.86	11.42	231.8	22.53	21.28	81.1	81.8	-0.698	22.13	20.16	25.988	401.36
"2015-04-05	19:00:00"	13.1	234.4	15.16	23.66	10.65	235.6	18.54	19.49	80.5	80.6	-0.096	21.83	20.08	25.993	160.28
"2015-04-05	20:00:00"	8.62	194.3	12.83	14.12	6.683	192.1	14.17	12.33	78.2	77.9	0.301	26.89	25.45	25.992	55.687
"2015-04-05	21:00:00"	5.244	201.1	16.21	8.75	3.611	199.5	18.77	6.964	74.52	73.66	0.855	29.86	28.93	25.998	1.6776
"2015-04-05	22:00:00"	6.854	197.1	23.78	13.52	4.873	198	32.07	10.54	70.99	70.09	0.899	34.89	34.11	26.016	0
"2015-04-05	23:00:00"	8.11	186.1	11.39	12.93	5.844	187.5	16.76	9.95	69.1	68.42	0.678	42.53	41.54	26.033	0
"2015-04-06	00:00:00"	8.55	192.2	10.51	14.72	6.357	193.9	14.18	11.74	66.74	66.25	0.491	57.37	56.43	26.044	0
"2015-04-06	01:00:00"	9.98	186.7	11.9	19.49	7.326	186.6	16.38	15.31	64.69	64.1	0.588	63.93	63.44	26.053	0
"2015-04-06	02:00:00"	7.749	209.4	24.61	18.3	5.916	211.2	27.53	14.72	63.52	63.02	0.501	66.28	65.8	26.055	0
"2015-04-06	03:00:00"	6.714	230.3	16.8	11.74	5.162	232	19.59	9.35	61.14	60.64	0.502	71.08	70.6	26.052	0
"2015-04-06	04:00:00"	7.133	233.8	14.15	11.14	5.289	235.7	17.14	9.35	59.52	58.95	0.565	75.93	75.61	26.055	0
"2015-04-06	05:00:00"	7.565	211.5	13.51	12.33	5.831	206.6	15.53	9.95	57.5	57.17	0.332	80.2	79.59	26.061	0
"2015-04-06	06:00:00"	7.025	206	11.92	10.54	5.123	203	12.89	7.561	56.2	55.71	0.484	84.4	83.9	26.059	0
"2015-04-06	07:00:00"	6.312	222.8	13.74	9.35	4.723	225.5	17.17	8.16	55.71	55.28	0.421	86.6	86	26.063	0.18793
"2015-04-06	08:00:00"	5.774	221.3	13.07	8.75	4.178	225.6	16.31	7.561	55.76	55.29	0.461	87.9	87.3	26.077	11.259
"2015-04-06	09:00:00"	5.351	212.6	13.44	8.75	4.228	216.3	15.9	7.561	56.48	56.47	0.006	88.4	87.6	26.097	163.35
"2015-04-06	10:00:00"	8.67	206.5	12.16	13.52	7.179	205.3	15.98	11.14	61.05	61.63	-0.578	81.6	79.68	26.114	332.88
"2015-04-06	11:00:00"	8.51	209.3	14.74	13.52	6.976	207.9	17.86	11.74	65.08	65.95	-0.87	70.63	68.08	26.12	419.11
"2015-04-06	12:00:00"	8.96	208.6	15.02	12.93	7.397	208.7	18.42	11.74	68.4	69.33	-0.939	58.75	56.08	26.124	470.06
"2015-04-06	13:00:00"	9.68	236.4	18.02	16.51	8	237.2	21.78	14.72	75.13	76.28	-1.155	36.59	34.29	26.122	637.49
"2015-04-06	14:00:00"	9.37	225.6	19.16	16.51	7.674	224	22.66	14.72	78.64	79.62	-0.981	24.13	22.26	26.107	615.85
"2015-04-06	15:00:00"	10.15	216.2	18.91	17.7	8.34	214.1	22.77	15.31	79.4	80	-0.638	21.1	19.32	26.092	361.77
"2015-04-06	16:00:00"	12.56	209.8	18.57	23.66	10.23	208.5	21.57	21.87	80.1	81.1	-1.023	22.49	20.49	26.071	602.1
"2015-04-06	17:00:00"	15.34	226.7	19.39	29.03	12.62	226.1	23.3	26.65	81.9	82.6	-0.788	20.44	18.5	26.048	538.4
"2015-04-06	18:00:00"	17.69	210.9	14.98	30.22	14.18	208.4	17.49	26.05	83	83.8	-0.776	21.08	19.04	26.033	567.12

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-06	19:00:00"	15.04	219.7	15.3	26.65	12.17	218.3	18.21	24.26	83.2	83.5	-0.306	21.11	19.27	26.027	282.24	0	
"2015-04-06	20:00:00"	12.75	230	14.98	24.26	10.56	228.6	17.59	21.28	82.6	82.4	0.192	19.28	17.65	26.027	119.16	0	
"2015-04-06	21:00:00"	8.28	226.6	19.55	14.72	6.23	222.9	23.46	11.74	77.9	77.02	0.876	20.08	18.88	26.039	3.3118	0	
"2015-04-06	22:00:00"	10.4	183.3	18.91	17.1	7.453	178	20.53	12.93	72.54	71.5	1.035	38.53	37.26	26.055	0	0	
"2015-04-06	23:00:00"	11.19	173.8	7.218	15.91	8.28	170.4	9.9	11.74	68.47	67.93	0.536	65.75	64.84	26.076	0	0	
"2015-04-07	00:00:00"	12.06	178.7	7.183	19.49	9.05	175.9	10.06	16.51	65.88	65.56	0.325	80.1	79.32	26.09	0	0	
"2015-04-07	01:00:00"	8.1	191	8.17	12.33	5.846	194.8	12.06	9.35	63.34	63	0.34	86.8	86	26.094	0.08406	0	
"2015-04-07	02:00:00"	8.01	190.4	8.89	11.14	5.92	195.3	12.83	8.16	61.68	61.42	0.26	90.3	89.4	26.093	0.96448	0	
"2015-04-07	03:00:00"	8.99	197.2	10.37	14.12	6.907	200.9	12.05	11.74	61.45	61.39	0.058	91.5	90.6	26.094	1.6612	0	
"2015-04-07	04:00:00"	10.23	207.1	19.05	17.1	8.13	212.3	22.06	14.12	61.41	61.48	-0.071	92.1	91.1	26.1	2.726	0	
"2015-04-07	05:00:00"	11.58	194.5	9.78	18.3	9.08	198.9	11.14	14.12	61.11	61.19	-0.08	92.2	91.1	26.097	3.6858	0	
"2015-04-07	06:00:00"	8.02	215.9	15.97	13.52	6.601	221.5	18.89	12.33	60.48	60.57	-0.09	91.7	90.4	26.097	3.5569	0	
"2015-04-07	07:00:00"	6.791	226.7	13.05	10.54	5.739	234.1	16.69	9.35	59.39	59.48	-0.095	91.6	90.6	26.108	3.6386	0	
"2015-04-07	08:00:00"	6.261	220.5	17.49	9.95	5.182	226	20.49	8.16	58.02	58.11	-0.094	92	91.2	26.126	8.4838	0	
"2015-04-07	09:00:00"	6.531	222.3	14.63	9.95	5.431	229.2	18.11	9.35	57.15	57.37	-0.219	92.1	91.4	26.149	80.434	0	
"2015-04-07	10:00:00"	5.495	211	16.66	9.35	4.656	217.4	21.12	8.16	57.87	58.31	-0.44	92.3	91.6	26.165	288.35	0	
"2015-04-07	11:00:00"	7.137	214.2	14	12.33	5.872	213.8	17.48	10.54	64.39	65.71	-1.318	80.7	73.69	26.17	587.01	0	
"2015-04-07	12:00:00"	9.6	242.8	18.21	20.09	7.217	243.8	21.2	17.1	74.46	75.86	-1.392	37.92	35.47	26.176	764.11	0	
"2015-04-07	13:00:00"	11.51	239	18.58	19.49	9.48	240.4	21.57	17.1	79.44	81	-1.558	20.52	18.48	26.171	891.34	0	
"2015-04-07	14:00:00"	11.94	224.9	22.41	21.87	9.9	224.6	26.5	19.49	81.5	83.1	-1.646	16.54	14.58	26.152	953.74	0	
"2015-04-07	15:00:00"	14.4	242.7	16.52	26.05	11.8	243.7	19.69	24.86	83.2	85	-1.774	15.4	13.39	26.13	921.22	0	
"2015-04-07	16:00:00"	17.64	237.1	18.93	33.8	14.2	238.2	22.48	33.21	84.4	86	-1.609	15.25	13.15	26.108	865.43	0	
"2015-04-07	17:00:00"	22.01	235.1	16.12	35	17.92	235.6	19.26	35	85.4	86.4	-1.007	13.98	11.96	26.091	732.65	0	
"2015-04-07	18:00:00"	20.26	242.1	16.25	38.57	16.23	243.8	19.62	33.21	85.4	86.3	-0.873	14.24	12.3	26.081	547.84	0	
"2015-04-07	19:00:00"	18.42	246.5	12.8	31.42	14.59	248.6	15.72	26.65	85	85.5	-0.427	14.49	12.68	26.078	290.03	0	
"2015-04-07	20:00:00"	14	251.5	9.77	24.26	10.79	253.8	13.49	20.09	83.3	83	0.287	15.66	14.09	26.079	96.882	0	
"2015-04-07	21:00:00"	6.443	260.3	9.3	11.74	4.659	266.5	10.95	9.35	79.52	78.28	1.242	17.68	16.6	26.085	4.8211	0	
"2015-04-07	22:00:00"	5.538	350.7	60.2	9.95	3.981	8.28	58.24	6.368	76.72	71.59	5.132	18.9	20.9	26.101	0	0	
"2015-04-07	23:00:00"	8.39	149.8	32.06	15.91	6.301	148	31.57	12.33	74.12	70.09	4.035	24.79	26.17	26.124	0	0	
"2015-04-08	00:00:00"	8.93	162.4	11.42	16.51	6.618	158.8	14.1	15.31	69.32	68.5	0.825	46.22	45.2	26.128	0	0	
"2015-04-08	01:00:00"	11.04	171.2	10.05	15.91	8.46	168.5	12.12	13.52	66.42	66.04	0.378	64.72	63.6	26.123	0	0	
"2015-04-08	02:00:00"	8.73	186.7	10.47	13.52	6.343	187.6	15.19	11.14	64.47	64.16	0.315	80	79.11	26.116	0	0	
"2015-04-08	03:00:00"	7.381	192.2	16.56	13.52	5.586	193.9	19.65	11.14	63.28	63.03	0.247	87.5	86.6	26.104	1.1352	0	
"2015-04-08	04:00:00"	9.38	190.9	12.65	15.31	7.051	193.5	15.33	11.74	63.74	63.55	0.189	90.2	89.3	26.085	2.863	0	
"2015-04-08	05:00:00"	6.672	218.7	16.33	10.54	5.345	223.1	19.54	9.35	62.64	62.58	0.061	91.1	90.2	26.075	2.8529	0	
"2015-04-08	06:00:00"	6.548	193.1	12.08	9.95	5.047	197.7	14.68	8.16	62.14	62.14	-0.003	92.1	91.4	26.064	3.5399	0	
"2015-04-08	07:00:00"	7.691	186.4	12.15	11.74	5.985	191.7	14.81	9.95	62.02	62.05	-0.029	92.4	91.7	26.07	3.4275	0	
"2015-04-08	08:00:00"	7.545	206.5	13.1	12.33	6.12	210.4	16.17	11.74	61.72	61.73	-0.005	92.4	91.4	26.088	6.5097	0	
"2015-04-08	09:00:00"	7.517	196.8	11.77	11.74	6.019	200.5	13.61	11.14	61.61	61.7	-0.085	92.3	91.5	26.1	26.532	0	
"2015-04-08	10:00:00"	6.512	189.1	13.87	9.95	5.23	193.7	16.64	8.75	61.71	61.88	-0.167	92.2	90.9	26.1	79.608	0	
"2015-04-08	11:00:00"	6.346	183.1	12.13	10.54	5.182	186	15.52	8.16	63.53	64.35	-0.826	85.6	82.6	26.092	238.02	0	
"2015-04-08	12:00:00"	10.5	209.5	14.23	16.51	8.24	207.6	17.18	14.72	70.43	71.15	-0.713	58.58	56.17	26.083	401.21	0	
"2015-04-08	13:00:00"	13.66	214.7	14.7	23.66	10.74	212.6	17.87	20.68	76.23	77.21	-0.982	38.97	36.63	26.061	696.89	0	
"2015-04-08	14:00:00"	16.34	209.9	16.07	29.63	13.06	207.8	18.84	22.47	80.7	81.7	-0.988	29.71	27.52	26.031	596.01	0	
"2015-04-08	15:00:00"	16.67	212.6	14.69	29.03	13.57	210.3	17.43	23.66	83.5	84.4	-0.932	24.2	22.07	26	681.54	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-08	16:00:00"	16.89	216.1	16.87	31.42	13.64	214.4	19.82	25.45	85	85.8	-0.83	22.09	20.01	25.962	550.56	0	
"2015-04-08	17:00:00"	16.63	232.4	18.8	30.22	13.54	233.2	21.82	26.05	85.7	86.5	-0.797	20.58	18.58	25.935	559.3	0	
"2015-04-08	18:00:00"	19.13	247.6	10.75	31.42	14.96	249.3	14.1	26.65	84.9	85	-0.157	19.34	17.59	25.917	167.36	0	
"2015-04-08	19:00:00"	17.39	236.5	22.39	66.61	13.47	237.8	26.46	52.29	73.71	73.41	0.295	40.68	41.44	25.965	140.93	0.01	
"2015-04-08	20:00:00"	11.61	236.1	16.22	23.07	9.34	237.5	19.64	19.49	75.64	75.38	0.261	35.83	35.19	25.933	138.13	0	
"2015-04-08	21:00:00"	9.26	208.3	18.09	15.91	7.212	205.3	20.09	14.12	70.72	70.24	0.476	45.43	44.66	25.936	3.4527	0	
"2015-04-08	22:00:00"	7.598	215.9	14.64	12.33	5.917	212.4	16.83	10.54	67.41	66.92	0.488	53.59	52.96	25.949	0	0	
"2015-04-08	23:00:00"	7.462	207.5	17.64	11.14	5.773	207.1	17.81	9.95	65.56	64.97	0.594	56.53	56.22	25.965	0	0	
"2015-04-09	00:00:00"	8.82	191.1	13.25	18.3	6.379	189.7	15.64	16.51	63.41	62.67	0.738	59.2	59.39	25.982	0	0	
"2015-04-09	01:00:00"	6.934	203.1	15.13	11.14	4.904	204.7	18.75	8.75	61.58	60.9	0.681	63.69	63.36	25.993	0	0	
"2015-04-09	02:00:00"	7.562	208.2	12.42	11.14	5.788	205.4	14.21	8.75	59.98	59.64	0.346	80.4	79.39	25.997	0	0	
"2015-04-09	03:00:00"	7.262	220.5	14.84	11.74	5.572	223.3	17.75	9.95	58.71	58.42	0.289	86.7	85.8	26.003	0.3381	0	
"2015-04-09	04:00:00"	5.726	232	14.26	8.16	4.222	239	18.5	7.561	57.26	56.9	0.362	90.7	89.8	26.005	1.0703	0	
"2015-04-09	05:00:00"	4.992	211	14.02	8.16	3.727	211.7	17.72	6.368	55.87	55.66	0.21	91.3	90.7	26.006	1.5471	0	
"2015-04-09	06:00:00"	5.591	228.5	20.28	8.16	4.389	233.7	25.32	7.561	54.46	54.32	0.135	91.4	90.9	26.011	1.3808	0	
"2015-04-09	07:00:00"	3.628	220	57.23	10.54	2.888	231.5	79.57	5.771	53.08	52.54	0.543	91.4	90.7	26.032	1.2252	0	
"2015-04-09	08:00:00"	13.39	322.7	32.07	25.45	7.719	327	29.43	18.89	56.31	51.47	4.835	61.62	71.33	26.061	20.062	0	
"2015-04-09	09:00:00"	15.53	3.175	13.28	21.28	11.44	358.3	15.43	17.7	54.15	53.54	0.613	39.16	41.82	26.104	166.36	0	
"2015-04-09	10:00:00"	18.15	9.91	11.66	27.84	14.05	6.328	17.22	23.07	59.66	60.41	-0.743	22.27	21.43	26.139	380.16	0	
"2015-04-09	11:00:00"	18.83	356.5	13.83	26.05	14.76	351.7	15.25	23.07	62.83	64.29	-1.46	18.83	17.33	26.154	548.19	0	
"2015-04-09	12:00:00"	17.66	354.4	13.76	26.65	13.97	349.8	15.88	22.47	66.36	68.62	-2.255	15.59	13.91	26.162	765.37	0	
"2015-04-09	13:00:00"	13.3	344.7	19.39	27.24	10.54	341.2	20.34	27.24	69.12	71.65	-2.529	13.23	11.59	26.166	839.03	0	
"2015-04-09	14:00:00"	10.34	329.6	26.79	21.28	7.886	327.6	27.19	18.89	71.1	73.72	-2.62	12.13	10.49	26.161	867.26	0	
"2015-04-09	15:00:00"	8.79	313.7	34.79	20.09	6.701	312.9	34.5	14.72	72.85	75.04	-2.191	10.99	9.35	26.155	821.27	0	
"2015-04-09	16:00:00"	8.4	319.1	36.2	14.72	6.405	318.7	38.99	12.93	74.04	75.96	-1.918	10.54	9.01	26.148	614.64	0	
"2015-04-09	17:00:00"	8.48	271.8	34.01	17.1	6.5	273.1	35.49	14.12	74.94	76.55	-1.604	9.8	8.34	26.14	605.78	0	
"2015-04-09	18:00:00"	7.577	273.9	24.39	16.51	5.889	276	26.86	14.12	75.7	77.09	-1.388	8.95	7.49	26.142	503.75	0	
"2015-04-09	19:00:00"	5.268	304.6	44.66	12.93	4.009	301.3	49.11	11.74	75.84	76.72	-0.878	9.23	7.795	26.144	305.76	0	
"2015-04-09	20:00:00"	6.532	134.9	30.72	11.74	5.056	133.1	29.63	9.95	74.54	74.53	0.014	12.01	10.61	26.152	84.43	0	
"2015-04-09	21:00:00"	8.41	109.5	20.13	11.74	4.952	103	22.51	8.16	69.22	67.5	1.725	17.21	17.18	26.17	2.9594	0	
"2015-04-09	22:00:00"	9.12	103.7	7.124	11.74	4.954	94.7	12.14	7.561	65.68	63.15	2.531	18.92	19.86	26.186	0	0	
"2015-04-09	23:00:00"	8.91	109.2	10.62	14.12	4.653	95.8	11.62	9.35	64.13	60.49	3.643	20.21	22.31	26.207	0	0	
"2015-04-10	00:00:00"	9.85	84.4	10.2	12.93	6.22	79.8	12.37	9.35	59.06	57.77	1.291	32.78	31.93	26.226	0	0	
"2015-04-10	01:00:00"	9.43	79.89	5.844	12.33	5.905	73.59	9.06	8.16	56.02	54.73	1.289	47.59	46.99	26.244	0	0	
"2015-04-10	02:00:00"	11.31	81.7	6.3	14.72	7.848	78.45	8.21	11.74	54.88	54.11	0.768	54.79	54.29	26.255	0	0	
"2015-04-10	03:00:00"	13.32	76.39	6.864	21.87	9.9	75.39	8.08	17.7	53.67	53.21	0.466	56.05	55.3	26.26	0	0	
"2015-04-10	04:00:00"	15.48	75.19	7.449	22.47	11.87	75.54	8.88	17.7	52.19	51.91	0.287	52.69	51.58	26.268	0	0	
"2015-04-10	05:00:00"	18	77.18	6.707	29.03	13.86	76.43	8.31	23.07	50.44	50.2	0.244	53.05	51.87	26.263	0	0	
"2015-04-10	06:00:00"	20.3	80.5	6.969	30.22	15.53	79.09	9.02	26.05	49.44	49.26	0.182	54.53	53.23	26.268	0	0	
"2015-04-10	07:00:00"	18.44	84.6	6.789	26.65	13.75	83.7	9.16	21.28	48.23	48.05	0.181	57.33	56.1	26.287	0	0	
"2015-04-10	08:00:00"	17.96	77.97	7.7	26.65	13.73	77.33	9.25	23.66	47	46.87	0.126	59.25	58	26.294	13.102	0	
"2015-04-10	09:00:00"	18.61	75.07	7.872	26.65	14.5	75.77	9.3	22.47	47.97	48.28	-0.309	57.8	55.89	26.313	164.11	0	
"2015-04-10	10:00:00"	21.52	81.2	8.03	29.63	16.64	80.6	9.8	26.05	50.66	51.58	-0.924	52.36	49.44	26.328	374.27	0	
"2015-04-10	11:00:00"	17.57	78.31	11.26	25.45	13.62	78.64	12.99	21.87	53.29	54.79	-1.505	47.81	44.11	26.34	580.53	0	
"2015-04-10	12:00:00"	16.04	96.6	14.28	26.05	12.97	96.1	16.65	21.28	55.98	58	-2.018	44.73	40.45	26.345	755.7	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-10	13:00:00"	13.93	106.6	16.39	21.87	11.41	106.6	18.53	18.89	58.55	60.88	-2.33	42.8	38.49	26.341	871.29	0	
"2015-04-10	14:00:00"	12.75	121.1	20.75	27.84	10.43	120.4	22.17	19.49	61.39	63.9	-2.505	40.15	36.24	26.318	939.29	0	
"2015-04-10	15:00:00"	12.1	133.5	20.97	20.68	10	132.5	22.29	18.3	63.63	65.9	-2.264	38.7	35.23	26.291	886.12	0	
"2015-04-10	16:00:00"	13.35	137.7	16.78	22.47	10.85	136.8	17.86	20.09	66.67	69	-2.332	36.7	33.24	26.256	821.08	0	
"2015-04-10	17:00:00"	14.19	132.5	20.31	23.66	11.55	132.3	20.76	21.28	69.5	71.61	-2.102	35.12	31.88	26.219	670.96	0	
"2015-04-10	18:00:00"	15.96	134.6	12	29.03	12.61	133.3	12.79	23.07	70.56	72.25	-1.692	35.37	32.42	26.19	456.08	0	
"2015-04-10	19:00:00"	15.81	140.6	12.5	24.26	12.51	138.8	12.94	19.49	70.26	71	-0.747	37.59	35.4	26.178	187.29	0	
"2015-04-10	20:00:00"	13.94	131.8	8.25	20.09	10.69	131.3	9.63	17.1	69.5	69.71	-0.204	39.95	38.13	26.171	66.523	0	
"2015-04-10	21:00:00"	10.13	112.1	8.55	17.1	7.5	110.5	11.18	13.52	67.07	66.74	0.325	44.65	43.28	26.173	3.0625	0	
"2015-04-10	22:00:00"	9.56	98.9	7.585	14.12	6.774	96.1	9.18	11.74	63.88	63.36	0.517	50.8	49.89	26.19	0	0	
"2015-04-10	23:00:00"	13.15	106.3	7.263	18.3	10.15	104.9	9.13	15.91	63.51	63.28	0.231	52.11	50.88	26.205	0	0	
"2015-04-11	00:00:00"	13.78	105	7.398	18.89	10.71	103.5	9.32	15.31	62.35	62.08	0.261	52.88	51.72	26.21	0	0	
"2015-04-11	01:00:00"	12.64	108.3	7.582	17.7	9.68	107.4	9.88	15.31	60.95	60.67	0.28	56.15	55.07	26.201	0	0	
"2015-04-11	02:00:00"	11.4	94.7	50.61	31.42	8.69	92.9	52.71	26.05	59.56	59.35	0.21	60.77	59.71	26.2	0	0	
"2015-04-11	03:00:00"	9.66	76.9	20.49	16.51	7.184	77.54	21.05	12.93	59.11	58.82	0.288	64.26	63.4	26.202	0	0	
"2015-04-11	04:00:00"	9.73	85.3	8.65	12.93	7.129	83.6	10.64	11.14	56.53	56.28	0.251	69.48	68.75	26.189	0	0	
"2015-04-11	05:00:00"	8.15	88.5	7.547	10.54	5.667	84.9	9.34	8.16	55.63	55.28	0.351	73.82	73.45	26.181	0	0	
"2015-04-11	06:00:00"	7.706	93.1	8.19	9.95	4.858	85.7	11.06	6.964	55.38	54.72	0.664	75.13	75.21	26.173	0	0	
"2015-04-11	07:00:00"	5.381	86.8	19.25	8.16	3.139	66.72	38	5.175	55.11	53.76	1.346	77.58	77.78	26.178	0	0	
"2015-04-11	08:00:00"	6.311	82.4	12.06	10.54	3.74	62.68	21.25	6.368	53.54	51.7	1.839	82.1	82.2	26.179	3.9631	0	
"2015-04-11	09:00:00"	8.9	103.5	9.32	13.52	6.452	99.1	12.68	11.14	54.69	54.26	0.433	83.4	82.8	26.184	152.87	0	
"2015-04-11	10:00:00"	10.27	132.2	13.77	16.51	8.28	130.6	15.13	13.52	61.26	62.22	-0.951	75.64	72.85	26.191	381.39	0	
"2015-04-11	11:00:00"	9.91	173.5	13.52	15.31	7.985	170	16.13	13.52	65.75	67.19	-1.44	62.33	58.94	26.187	587.5	0	
"2015-04-11	12:00:00"	9.23	209.3	21.94	17.1	7.678	209.3	25.99	15.31	69.95	71.56	-1.606	50.5	46.93	26.188	770.66	0	
"2015-04-11	13:00:00"	8.59	218.7	29.72	15.91	7.099	218	34.46	13.52	73.13	74.97	-1.839	42.79	39.44	26.176	881.17	0	
"2015-04-11	14:00:00"	10.8	223	24.44	20.09	8.91	222.2	28.35	19.49	77.05	78.96	-1.904	31.95	29.21	26.149	938.57	0	
"2015-04-11	15:00:00"	11.7	212.6	29.74	24.26	9.52	211.5	33.8	19.49	79.12	81.3	-2.161	27.24	24.53	26.123	908.79	0	
"2015-04-11	16:00:00"	13.63	208.8	20.16	23.07	11.07	208.5	23.11	20.09	80.5	82.4	-1.896	25.83	23.13	26.096	859.9	0	
"2015-04-11	17:00:00"	14.63	195.6	15.65	26.05	11.56	193.8	18.09	22.47	80	81.9	-1.814	30.18	27.37	26.071	636.1	0	
"2015-04-11	18:00:00"	16.45	180.8	11.58	27.24	12.95	178.1	15.26	24.26	79.21	80.8	-1.545	33.13	30.36	26.055	487.85	0	
"2015-04-11	19:00:00"	16.82	178.2	10.34	26.65	13.07	175.4	14.22	21.28	79.14	80.1	-0.96	32.21	29.9	26.041	280.31	0	
"2015-04-11	20:00:00"	16.14	170.3	9.31	24.86	12.63	166.1	11.95	20.09	78.27	78.31	-0.04	32.42	30.81	26.028	93.882	0	
"2015-04-11	21:00:00"	14.4	163.3	9.53	23.07	11.29	159	11.07	17.7	74.11	73.9	0.205	44.97	43.49	26.033	4.2117	0	
"2015-04-11	22:00:00"	14.31	163.2	9.74	20.68	11.3	159.7	11.61	17.7	69.75	69.55	0.201	55.87	54.59	26.055	0	0	
"2015-04-11	23:00:00"	14.53	170	7.932	21.87	11.2	167	10.55	17.7	66.5	66.34	0.159	66.92	65.81	26.081	0	0	
"2015-04-12	00:00:00"	13.63	172.9	6.88	19.49	10.45	170	9.8	18.3	63.74	63.62	0.119	75.6	74.61	26.085	0	0	
"2015-04-12	01:00:00"	13.56	174.9	6.487	18.89	10.25	171.7	9.9	15.31	62.27	62.07	0.199	76.06	75.35	26.085	0	0	
"2015-04-12	02:00:00"	13.01	173.4	7.076	17.7	9.96	170	9.83	15.31	61.05	60.91	0.139	79.69	78.93	26.083	0	0	
"2015-04-12	03:00:00"	12.2	173.8	7.766	17.7	9.27	171	10.42	14.12	60.01	59.93	0.077	83.6	82.8	26.073	0	0	
"2015-04-12	04:00:00"	12.07	178.1	7.02	17.1	9.17	176.1	10.65	14.12	59.47	59.46	0.01	85.3	84.5	26.064	0	0	
"2015-04-12	05:00:00"	11.19	183	8.46	15.31	8.6	182.2	12.86	12.93	58.77	58.8	-0.035	87.1	86.2	26.063	0	0	
"2015-04-12	06:00:00"	10.06	189.4	9.09	14.72	7.735	190.4	13.46	12.33	57.85	57.93	-0.086	88.9	88	26.065	0.00019	0	
"2015-04-12	07:00:00"	7.289	202.1	10.51	11.74	5.788	202.3	12.31	9.35	56.9	56.95	-0.049	90.1	89.3	26.062	0.4144	0	
"2015-04-12	08:00:00"	6.44	207.8	13.42	10.54	5.334	206.5	15.45	9.35	56.41	56.5	-0.09	90.7	89.9	26.071	8.8776	0	
"2015-04-12	09:00:00"	6.913	192.6	16.4	12.33	5.645	192.8	19.21	10.54	57.2	57.58	-0.376	91.1	89.6	26.079	133.21	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-12	10:00:00"	10.81	177.1	14.82	18.89	8.44	174.1	16.92	15.31	61.24	62.11	-0.868	81.4	78.65	26.075	301.87	0
"2015-04-12	11:00:00"	12.28	187.9	10.93	18.3	9.45	186.7	15.53	15.31	65.55	66.68	-1.137	69.39	66.11	26.08	316.94	0
"2015-04-12	12:00:00"	12.85	191.2	10.24	18.89	9.9	191	13.76	15.31	66.08	67.03	-0.952	68.21	65.24	26.085	291.78	0
"2015-04-12	13:00:00"	8.45	176.7	19.07	14.12	6.754	174.1	22.16	12.33	69.72	71.22	-1.506	55.07	51.82	26.065	702.67	0
"2015-04-12	14:00:00"	9.91	174.3	17.36	17.7	8.01	171.9	20.94	15.31	73.56	75.74	-2.174	43.87	40.15	26.041	885.5	0
"2015-04-12	15:00:00"	10.83	179.8	22.76	19.49	8.75	177.1	26.68	17.7	75.84	78.06	-2.222	37.19	34.07	26.011	831.22	0
"2015-04-12	16:00:00"	9.36	200.6	22.32	18.89	7.662	199.6	27.01	15.31	77.55	78.92	-1.371	35.1	32.58	25.991	517.17	0
"2015-04-12	17:00:00"	8.16	217.1	24.63	14.72	6.639	216.9	27.62	12.33	76.76	77.08	-0.323	35.64	33.88	25.97	74.821	0
"2015-04-12	18:00:00"	19.56	250.8	29	43.94	14.93	253.8	32.45	39.17	64.3	64.29	0.007	71.21	71.1	25.992	16.717	0.06
"2015-04-12	19:00:00"	5.658	266.2	70.65	14.72	4.308	272	72.82	12.93	62.74	62.76	-0.022	77.09	77.82	26.021	74.269	0
"2015-04-12	20:00:00"	4.632	315.1	45.35	7.561	3.163	314.4	43.93	6.368	63.53	63.33	0.197	76.19	77.85	26.021	35.462	0.01
"2015-04-12	21:00:00"	4.983	336.3	25.54	8.16	3.114	331.9	30.91	5.771	61.61	61.18	0.426	82	84.1	26.004	1.4752	0
"2015-04-12	22:00:00"	2.995	303.6	40.17	6.368	2.019	300.3	52.05	5.175	61.71	61.04	0.667	82.2	84	26.022	0	0
"2015-04-12	23:00:00"	2.86	161.6	43.68	5.771	2.131	168.7	43.74	5.175	60.58	59.75	0.836	84.4	86.4	26.033	0.18059	0
"2015-04-13	00:00:00"	4.476	176.7	19.2	8.16	3.449	174.8	23.03	6.964	60.09	60.05	0.036	86.5	86.5	26.045	0	0
"2015-04-13	01:00:00"	5.803	185.5	10.69	8.75	4.534	183.8	14.49	6.964	58.81	58.85	-0.048	89.2	88.8	26.041	0.11068	0
"2015-04-13	02:00:00"	4.396	208.3	18.21	6.964	3.516	207.2	21.35	6.368	57.76	57.81	-0.049	91.2	90.6	26.043	0.67472	0
"2015-04-13	03:00:00"	4.637	228.2	18.33	7.561	3.763	230.8	22.1	6.964	57.75	57.7	0.045	90.8	90.2	26.046	0.77308	0
"2015-04-13	04:00:00"	9.15	296.3	13.82	15.91	5.26	301.7	14.75	11.74	56.26	55.95	0.308	87.1	87.5	26.047	0.58752	0
"2015-04-13	05:00:00"	10.08	314.5	29.4	14.72	7.048	315.6	28.61	12.33	54.94	54.85	0.083	86.9	87.2	26.043	0.38543	0.02
"2015-04-13	06:00:00"	7.392	286.5	39.63	11.14	5.209	287.6	39.38	9.35	54.92	54.86	0.056	88.9	89	26.046	0.71046	0.12
"2015-04-13	07:00:00"	4.694	256.1	42	11.14	3.231	264	42.91	8.16	54.78	54.74	0.039	88.6	88.5	26.057	0.68468	0.01
"2015-04-13	08:00:00"	3.649	311.9	46.9	6.964	2.628	315	52.92	5.771	54.86	54.8	0.061	88.5	88.7	26.072	4.6158	0
"2015-04-13	09:00:00"	4.608	328.3	31.8	8.75	3.34	332.6	30.32	8.16	54.7	54.66	0.041	85.5	86.7	26.098	30.781	0
"2015-04-13	10:00:00"	3.338	107.3	77.35	6.368	2.63	99.9	76.8	5.771	54.96	55.05	-0.085	80.5	81.6	26.108	86.694	0
"2015-04-13	11:00:00"	9.38	50.48	21.45	17.1	7.485	50.97	25.79	15.31	55.19	55.44	-0.258	80	80.9	26.138	127.17	0
"2015-04-13	12:00:00"	15.11	20.25	8.81	21.28	11.87	19.03	15.62	18.3	54.04	54.32	-0.286	80.4	80.9	26.163	119.83	0.01
"2015-04-13	13:00:00"	15.14	34.48	9.08	24.86	12.18	35.44	11.71	22.47	53.11	53.36	-0.248	83.6	84.4	26.189	131.33	0.04
"2015-04-13	14:00:00"	22.27	40.54	8.13	33.21	18.1	41.23	10.15	29.03	53.04	53.72	-0.68	84.5	85.1	26.195	383.1	0
"2015-04-13	15:00:00"	26.09	33.5	8.25	36.78	21.01	33.76	11.35	32.01	54.65	55.84	-1.195	77.31	77.08	26.2	627.97	0
"2015-04-13	16:00:00"	28.9	34.82	8.3	40.36	23.48	34.65	11.42	37.38	56.81	58.53	-1.72	72.39	70.86	26.201	816.76	0
"2015-04-13	17:00:00"	27.97	39.21	8.54	39.77	22.94	39.5	10.72	35.59	55.47	56.64	-1.164	77.72	75.87	26.217	377.86	0
"2015-04-13	18:00:00"	25.78	42.09	8.6	36.19	20.95	42.28	10.4	32.01	54.07	54.66	-0.588	79.74	78.63	26.239	140.48	0
"2015-04-13	19:00:00"	23.25	34.14	7.799	33.8	18.65	34.16	11.1	27.84	51.93	52.23	-0.301	83.8	83.4	26.263	52.095	0.01
"2015-04-13	20:00:00"	20.53	34.21	7.424	33.8	16.56	34.64	10.38	27.24	50.57	50.71	-0.135	84.5	84.5	26.289	17.662	0
"2015-04-13	21:00:00"	19.31	31.13	7.696	29.03	15.27	30.96	11.37	24.86	50.24	50.37	-0.134	87.1	86.8	26.308	0.685	0.01
"2015-04-13	22:00:00"	21.65	25.59	6.749	31.42	17.08	25.19	11.51	26.05	49.54	49.49	0.046	84.6	85.2	26.332	0.29623	0.01
"2015-04-13	23:00:00"	19.79	31.51	7.107	29.03	15.96	31.19	10.65	24.86	49.05	48.97	0.075	84	84.5	26.358	0.0444	0
"2015-04-14	00:00:00"	17.48	35.35	7.268	27.24	14.03	35.71	9.95	23.66	47.98	47.92	0.053	83.4	84	26.368	0.25202	0
"2015-04-14	01:00:00"	15.12	40.14	7.896	22.47	12.21	40.33	9.94	19.49	47.82	47.7	0.127	80.6	81.4	26.367	0	0
"2015-04-14	02:00:00"	12.31	52.26	9.03	18.89	9.84	52.29	10.05	17.1	47.54	47.3	0.238	78.09	78.92	26.367	0	0
"2015-04-14	03:00:00"	7.128	41.55	10.06	11.14	5.05	41.37	11.37	8.16	45.83	45.2	0.63	79.62	81.2	26.361	0.00019	0
"2015-04-14	04:00:00"	9.07	20.29	7.079	14.12	6.323	16.34	14.12	10.54	44.79	44.19	0.599	81.9	83.5	26.35	0.00259	0
"2015-04-14	05:00:00"	11.03	11.59	8.08	15.31	8.41	8.3	14.84	13.52	46.05	45.88	0.167	79.63	80.5	26.364	0.00019	0
"2015-04-14	06:00:00"	12.9	22.3	7.081	19.49	10.03	21.54	13.43	17.7	46.43	46.29	0.131	78.12	78.89	26.358	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-14	07:00:00"	9.67	23.62	6.093	19.49	7.529	22.37	11.44	16.51	45.62	45.44	0.187	79.01	79.71	26.366	0
"2015-04-14	08:00:00"	7.29	20.15	13.11	9.95	4.974	16.84	17.67	8.16	44.8	44.17	0.627	77.85	80.1	26.364	19.923
"2015-04-14	09:00:00"	8.53	26	18.83	12.93	6.896	24.86	22.6	11.14	45.96	46.31	-0.353	74.29	74.32	26.384	176.86
"2015-04-14	10:00:00"	9.57	53.7	11.96	14.12	7.933	54.19	14.45	12.93	48.56	49.63	-1.074	69.64	68.57	26.389	394.09
"2015-04-14	11:00:00"	8.28	62.16	17.14	14.12	6.836	61.79	19.21	11.74	50.58	52.24	-1.655	68.29	66.3	26.385	640.5
"2015-04-14	12:00:00"	4.957	22.77	53.44	11.74	4.179	23.23	57.38	9.95	52.77	54.05	-1.283	64.39	62.02	26.38	618.82
"2015-04-14	13:00:00"	6.096	29.8	42.66	13.52	5.06	28.8	45.62	11.74	55.28	57.44	-2.159	57.77	54.42	26.37	803.83
"2015-04-14	14:00:00"	6.309	44.52	41.11	12.33	5.286	44.27	43.26	11.74	56.76	58.61	-1.847	53.59	50.53	26.343	665.67
"2015-04-14	15:00:00"	4.827	19.53	62.91	11.74	4.039	20.03	72.74	10.54	58.54	60.25	-1.712	49.8	46.73	26.315	805.27
"2015-04-14	16:00:00"	5.379	152.5	49.33	9.95	4.725	151.6	51.05	9.35	60.33	62.01	-1.678	44.85	41.99	26.282	927.65
"2015-04-14	17:00:00"	5.013	359.8	92.6	10.54	4.256	2.398	96.6	9.95	62.14	63.71	-1.577	39.94	37.43	26.249	767.22
"2015-04-14	18:00:00"	6.244	214.1	38.84	14.12	5.339	214	42.68	12.93	63.07	64.41	-1.338	41.13	38.62	26.225	557.46
"2015-04-14	19:00:00"	6.651	217.7	36.48	12.33	5.515	217	39.78	10.54	62.99	63.97	-0.977	42.59	40.22	26.21	287.58
"2015-04-14	20:00:00"	6.873	218.4	23.59	12.93	5.539	218.4	26.35	12.33	62.87	63.21	-0.34	40.93	39.41	26.204	135.6
"2015-04-14	21:00:00"	7.337	166.2	9.28	11.74	5.733	162.3	10.64	9.95	60.27	60.06	0.212	48.14	47.72	26.199	5.4296
"2015-04-14	22:00:00"	8.38	162.9	9.09	12.93	6.329	159.8	10.25	9.95	57.44	56.94	0.492	53.62	54.06	26.203	0
"2015-04-14	23:00:00"	10.32	170.9	11.7	17.1	7.659	166	13.25	12.93	55.94	55.4	0.545	57.28	57.85	26.206	0
"2015-04-15	00:00:00"	10.41	180.2	8.49	14.72	7.79	176.7	12.27	12.33	52.79	52.49	0.3	68.38	68.33	26.195	0
"2015-04-15	01:00:00"	9.73	187.4	8.39	14.72	7.164	189.6	12.5	13.52	50.66	50.38	0.28	74.33	74.25	26.186	0
"2015-04-15	02:00:00"	7.023	208.5	12.55	11.14	5.71	202.1	12.44	8.16	48.51	48.3	0.215	78.02	77.69	26.176	0
"2015-04-15	03:00:00"	5.854	210.5	12.12	8.75	4.636	201.9	13.3	7.561	47.42	47.19	0.228	79.69	79.45	26.165	0
"2015-04-15	04:00:00"	7.035	198.1	8.77	9.95	5.115	197.8	10.3	7.561	46.53	46.25	0.282	81.4	81.3	26.151	0
"2015-04-15	05:00:00"	7.848	202.1	10.64	11.74	5.964	199.8	11.09	9.35	45.28	45.04	0.24	83	82.8	26.136	0
"2015-04-15	06:00:00"	7.079	206.9	12.04	9.95	5.52	202.1	12.06	9.35	45.41	45.15	0.255	82.7	82.6	26.123	0.0001
"2015-04-15	07:00:00"	7.974	192.9	11.67	12.33	5.789	195.4	14.51	9.35	45.35	44.94	0.413	82.7	83	26.112	0.00921
"2015-04-15	08:00:00"	7.376	202.4	9.8	10.54	5.39	202.4	11.42	7.561	45.59	45.26	0.336	82.4	82.4	26.117	23.682
"2015-04-15	09:00:00"	8.32	196	9.93	14.72	6.43	196.4	12.26	11.74	48.15	48.45	-0.303	81.3	80.6	26.132	195.01
"2015-04-15	10:00:00"	12.13	195.7	8.98	17.1	9.45	195.9	12.35	14.72	53.54	54.44	-0.901	73.21	71.16	26.14	408.95
"2015-04-15	11:00:00"	12.88	204.8	13.62	19.49	10.41	204	16.39	17.7	59.99	61.04	-1.056	59.15	56.55	26.143	614.52
"2015-04-15	12:00:00"	15.43	209.1	14.04	24.26	12.21	207.9	16.46	20.09	65.43	66.75	-1.313	46.34	43.4	26.139	789.38
"2015-04-15	13:00:00"	13.93	215.9	14.79	23.07	11.33	214.9	17.83	19.49	68.84	70.29	-1.448	38.1	35.58	26.13	908.71
"2015-04-15	14:00:00"	14.8	204.7	17.44	26.05	11.74	203.8	20.13	22.47	72.25	74.18	-1.926	32.17	29.56	26.108	961.84
"2015-04-15	15:00:00"	14.94	196.4	15.4	23.07	11.8	194.8	18.66	21.87	74.86	76.93	-2.077	25.76	23.33	26.077	934.14
"2015-04-15	16:00:00"	12.83	205.9	21.82	29.63	10.37	205.7	24.62	21.87	76.71	78.51	-1.797	22.71	20.48	26.049	893.2
"2015-04-15	17:00:00"	14.81	197.3	20.42	27.24	11.76	196.1	24.17	23.66	77.33	78.65	-1.312	21.3	19.3	26.016	610
"2015-04-15	18:00:00"	16.33	194.1	12.37	27.84	12.8	192.7	15.4	23.07	77.88	78.98	-1.106	22.3	20.31	26.002	513.74
"2015-04-15	19:00:00"	14.47	192.1	15.18	30.82	11.18	190.4	18.32	23.07	77.17	77.5	-0.325	23.06	21.48	25.993	135.51
"2015-04-15	20:00:00"	11.9	174.7	8.54	18.3	9.07	171.3	10.93	15.31	75.01	74.7	0.308	24.6	23.53	25.991	37.293
"2015-04-15	21:00:00"	10.5	166.6	21.08	23.07	7.748	163.2	23.66	17.1	72.98	72.28	0.698	26.32	25.83	26.006	17.434
"2015-04-15	22:00:00"	12.3	182.8	39.84	36.19	9.43	180.4	44.93	31.42	70.79	69.8	0.991	29.35	29.97	26.033	0
"2015-04-15	23:00:00"	10.77	155.3	11.72	17.1	8.03	151.1	12.29	13.52	66.05	64.92	1.134	41.2	42.91	26.056	0
"2015-04-16	00:00:00"	11.7	134.2	7.967	15.31	8.17	132.4	9.08	11.74	62.9	61.91	0.992	52.02	53.1	26.046	0
"2015-04-16	01:00:00"	13.64	142.9	16.62	25.45	10	140	16.66	21.28	62.15	61.39	0.761	59.76	60.19	26.036	0
"2015-04-16	02:00:00"	13.72	167.9	8.23	22.47	10.48	164.2	10.7	17.1	62.03	61.62	0.401	71.84	71.52	26.036	0
"2015-04-16	03:00:00"	13.23	169.8	8.12	21.28	9.89	166.7	10.59	17.7	61.13	60.71	0.416	79.99	79.92	26.035	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-16	04:00:00"	15.34	171.4	7.655	21.87	11.72	167.9	10.63	18.89	60.77	60.54	0.23	81.9	81.6	26.031	0	0
"2015-04-16	05:00:00"	9.63	176.7	9.67	19.49	7.172	174	12.66	15.91	59.03	58.62	0.401	83.1	83.1	26.023	0	0
"2015-04-16	06:00:00"	7.493	188.1	12.11	14.72	5.439	188.8	15.44	11.14	57.3	56.83	0.47	83.7	83.9	26.027	0	0
"2015-04-16	07:00:00"	8.8	188	8.99	14.72	6.583	189.3	13.25	12.93	56.84	56.45	0.384	80.6	80.9	26.041	0	0
"2015-04-16	08:00:00"	8.62	195.6	9.97	13.52	6.392	196.5	12.81	9.95	56.52	56.05	0.473	77.38	77.73	26.054	11.178	0
"2015-04-16	09:00:00"	11.53	198.1	9.84	18.3	8.76	198.1	12.46	14.72	57.26	57.27	-0.011	80.2	79.64	26.08	111.54	0
"2015-04-16	10:00:00"	14.63	198.8	10.07	20.68	11.37	197.8	11.87	17.1	60.08	60.81	-0.727	78.18	76.03	26.09	375.15	0
"2015-04-16	11:00:00"	12.41	210.4	15.23	18.3	10.07	208.8	17.72	17.1	65.31	66.36	-1.059	62.69	59.96	26.092	598.6	0
"2015-04-16	12:00:00"	10.97	227.8	20.61	18.89	9	227.6	24.32	17.1	69.42	70.84	-1.427	43.45	40.84	26.093	780.21	0
"2015-04-16	13:00:00"	11.86	229.3	19.31	21.87	9.73	229.8	22.19	18.3	72.21	73.86	-1.646	35.46	32.92	26.087	897.55	0
"2015-04-16	14:00:00"	11.09	210.8	21.36	23.07	9.07	208.9	25.27	18.3	73.84	75.7	-1.867	32.49	29.89	26.074	952.52	0
"2015-04-16	15:00:00"	11.75	223.4	24.18	24.26	9.7	223.3	28.36	20.68	75.49	77.49	-2.001	28.36	25.82	26.058	920.82	0
"2015-04-16	16:00:00"	12.06	207.7	20.67	26.05	9.97	205.6	23.56	23.66	76.33	78.24	-1.907	27.42	24.91	26.04	915.27	0
"2015-04-16	17:00:00"	13.49	203.6	19.34	26.65	10.93	203.2	23.26	23.66	77.43	79.11	-1.677	26.36	23.98	26.014	725.29	0
"2015-04-16	18:00:00"	12.65	189.8	14.73	21.87	9.96	188.2	19.05	17.7	77.47	78.98	-1.513	26.97	24.7	26	538.78	0
"2015-04-16	19:00:00"	13.58	213.1	17.22	24.86	10.97	212.1	20.13	21.28	77.6	78.19	-0.591	26.29	24.39	25.995	247.76	0
"2015-04-16	20:00:00"	14.06	179.6	18.38	22.47	10.84	177.5	21.28	19.49	75.5	75.77	-0.261	34.59	32.84	26.005	114.22	0
"2015-04-16	21:00:00"	12.43	159.1	9.63	21.28	10.01	154.4	10.07	17.7	69.44	69.35	0.087	57.95	56.61	26.021	2.6866	0
"2015-04-16	22:00:00"	11.6	156.8	9.26	17.7	9.33	153	9.77	15.31	66.8	66.61	0.186	65.63	64.68	26.037	0	0
"2015-04-16	23:00:00"	12.61	252.2	65.44	30.22	8.2	255	68.26	20.09	65.46	65.04	0.429	63.23	62.89	26.072	0	0
"2015-04-17	00:00:00"	8.39	330.9	8.93	15.91	5.182	335.7	15	11.74	63.53	61.45	2.083	40.75	43.63	26.097	0	0
"2015-04-17	01:00:00"	4.303	310.1	50.95	7.561	2.668	341	63.03	6.368	64.73	62.83	1.893	37.8	42.2	26.101	0	0
"2015-04-17	02:00:00"	4.91	105.2	33.16	9.35	2.989	80.1	33.04	6.368	62.82	59.97	2.85	44.87	52.58	26.113	0	0
"2015-04-17	03:00:00"	7.711	356.9	44.26	18.3	5.501	346	26.68	14.72	62.46	59.12	3.346	42.59	51.59	26.119	0	0
"2015-04-17	04:00:00"	13.48	355.7	14.21	18.89	9.9	350.4	14.28	15.31	57.98	57.28	0.698	42.01	42.07	26.121	0	0
"2015-04-17	05:00:00"	12.37	5.262	11.27	17.7	8.98	359.8	14.34	14.72	53.93	53.12	0.805	38.87	39.1	26.13	0	0
"2015-04-17	06:00:00"	14.29	359.8	14.31	18.89	10.46	353.7	13.09	15.91	51.67	50.88	0.792	38.38	38.5	26.129	0	0
"2015-04-17	07:00:00"	14.5	359.5	14.94	19.49	10.65	353.9	13.69	16.51	51.21	50.38	0.835	33.2	33.23	26.138	0.00019	0
"2015-04-17	08:00:00"	15	358.1	14.65	20.68	11.08	351.9	13.63	17.1	51.49	50.8	0.687	29.08	28.85	26.154	24.293	0
"2015-04-17	09:00:00"	14.41	4.829	13.92	20.68	11.1	358.2	15.48	17.7	54.41	54.72	-0.31	25.56	24.54	26.18	202.22	0
"2015-04-17	10:00:00"	15.24	5.646	11.98	23.66	11.84	359.7	16.32	20.09	57.67	58.95	-1.285	22.44	20.76	26.19	415.76	0
"2015-04-17	11:00:00"	11.29	12.52	12.02	17.1	9.05	9.59	18.19	15.31	60.58	62.73	-2.143	22.33	20.31	26.195	627.93	0
"2015-04-17	12:00:00"	5.762	26.39	46.57	12.93	4.841	24.82	57.63	11.14	63.89	65.87	-1.986	19.48	17.58	26.195	809.09	0
"2015-04-17	13:00:00"	5.73	231.8	56.67	12.33	4.846	231.3	61.72	11.14	66.98	68.59	-1.612	15.51	13.91	26.184	917.38	0
"2015-04-17	14:00:00"	9.58	226.9	27.68	22.47	7.861	226.9	32.93	18.89	69.31	71.3	-1.989	16.27	14.4	26.157	981.45	0
"2015-04-17	15:00:00"	13.42	244.4	21.59	26.05	11.01	245.6	24.06	23.07	70.58	72.64	-2.066	15.2	13.23	26.129	959.6	0
"2015-04-17	16:00:00"	13.35	252.2	20.49	27.24	10.58	254	22.91	23.66	71.88	74.03	-2.155	14.53	12.59	26.107	910.13	0
"2015-04-17	17:00:00"	14.67	250.2	23.73	26.65	11.62	252.1	26.34	21.87	72	74	-1.993	14.07	12.16	26.093	776.03	0
"2015-04-17	18:00:00"	16.54	256	15.82	26.65	12.99	258.5	18.62	24.26	72.27	73.89	-1.619	13.96	12.06	26.08	606.93	0
"2015-04-17	19:00:00"	12.79	256	12.89	24.86	10.06	259.1	16.76	23.07	72.17	73.07	-0.899	15.26	13.55	26.073	270.14	0
"2015-04-17	20:00:00"	11	243.9	15.67	21.28	8.61	244.6	20.33	18.89	72.59	72.57	0.018	13.12	11.69	26.073	131.33	0
"2015-04-17	21:00:00"	11.11	260.9	8.99	19.49	8.35	265.7	11.07	15.31	69.68	69.02	0.655	11.07	9.75	26.089	9.0496	0
"2015-04-17	22:00:00"	8.01	300.3	17.08	11.74	4.397	314.3	21.25	8.75	64.16	60.28	3.888	14.65	16.09	26.114	0	0
"2015-04-17	23:00:00"	9.87	331.8	6.679	12.33	5.24	335.9	9.8	8.16	58.84	55.06	3.781	20.94	23.23	26.132	0	0
"2015-04-18	00:00:00"	10.01	333.8	9.22	12.93	5.43	336.3	12.63	8.16	58.51	55.41	3.109	20.26	22.73	26.14	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2015-04-18	01:00:00"	11.69	323.3	9.68	16.51	7.371	325.2	13.51	12.33	58.79	57.43	1.358	20.03	20.64	26.14		0		0	
"2015-04-18	02:00:00"	6.171	285.9	56.96	13.52	3.986	291	58.7	9.35	57.54	55.83	1.714	22.05	22.56	26.15		0		0	
"2015-04-18	03:00:00"	4.73	115.4	58.19	14.12	3.373	112.8	62.33	11.74	57.21	52.49	4.715	21.64	27.53	26.145		0		0	
"2015-04-18	04:00:00"	4.047	131.7	71.22	6.368	3.449	118	75.75	5.771	59.22	54.58	4.637	17.91	23.9	26.136		0		0	
"2015-04-18	05:00:00"	2.461	340.8	65.29	8.16	3.915	17.42	37.5	6.368	58.53	49.08	9.45	17.76	31.2	26.119		0		0	
"2015-04-18	06:00:00"	9.5	327.5	5.473	20.09	5.388	331.5	7.361	15.31	60.11	48.85	11.26	14.6	26.87	26.105		0		0	
"2015-04-18	07:00:00"	12.42	358.9	14.12	20.09	8.64	354.1	13.81	15.31	48.53	47.27	1.254	37.41	37.92	26.113	0.0166			0	
"2015-04-18	08:00:00"	10.41	5.893	10.71	13.52	6.945	1.287	13.51	9.95	45.79	44.68	1.108	40.82	41.68	26.115	28.77			0	
"2015-04-18	09:00:00"	8.09	23.49	20.3	14.12	6.329	22.14	24.18	11.74	50.91	51.36	-0.454	34.54	33.43	26.132	191.67			0	
"2015-04-18	10:00:00"	6.019	61.48	18.83	9.35	5.003	60.83	21.72	8.75	56.26	57.38	-1.117	30.57	28.86	26.135	430.09			0	
"2015-04-18	11:00:00"	4.447	198.5	52.63	11.14	3.743	206.3	54.09	8.75	62.67	63.66	-0.983	19.97	18.59	26.138	645.15			0	
"2015-04-18	12:00:00"	8.23	245.5	22.27	15.91	6.815	248.6	25.95	14.72	65.43	67.18	-1.758	18.31	16.54	26.139	818.31			0	
"2015-04-18	13:00:00"	11.68	229.5	19.54	25.45	9.58	230.3	23.07	20.09	68.7	70.53	-1.832	16.08	14.2	26.113	934.79			0	
"2015-04-18	14:00:00"	15.66	241.8	18.73	36.19	12.55	243.2	22.09	32.01	70.87	72.89	-2.012	11.16	9.35	26.078	990.56			0	
"2015-04-18	15:00:00"	18.99	245.6	15.82	33.8	15.14	247.8	19.14	28.43	72.17	74.27	-2.105	10.46	8.58	26.05	960.76			0	
"2015-04-18	16:00:00"	20.11	240.5	15.95	37.98	16.27	241.8	19.35	30.82	73.71	75.44	-1.728	9.05	7.189	26.023	902.78			0	
"2015-04-18	17:00:00"	21.98	248.5	12.88	35.59	17.38	251.4	16.13	31.42	74.16	75.75	-1.591	8.77	6.934	26.001	769.54			0	
"2015-04-18	18:00:00"	20.55	251.7	15.23	32.01	16.14	253.8	18.64	27.84	74.41	75.62	-1.209	9.42	7.633	25.984	574.89			0	
"2015-04-18	19:00:00"	21.72	268	11.77	34.4	16.62	271.5	13.37	29.03	73.63	74.45	-0.826	12.39	10.6	25.982	291.21			0	
"2015-04-18	20:00:00"	17.33	260.2	11.75	29.03	13.43	264.3	13.81	23.66	72.78	72.84	-0.06	14.92	13.31	25.985	144.77			0	
"2015-04-18	21:00:00"	12.61	253.5	9.28	21.87	9.46	256.6	13.44	17.7	70.32	69.75	0.566	17.16	15.82	25.988	7.6773			0	
"2015-04-18	22:00:00"	7.059	243.1	11.14	11.74	5.108	245	13.76	9.35	66.23	65.4	0.83	21.07	20.06	26.001	0			0	
"2015-04-18	23:00:00"	6.589	241.8	11.13	11.14	5.039	242.5	13.42	9.95	63	62.27	0.721	24.44	23.5	26.011	0			0	
"2015-04-19	00:00:00"	8.37	263.9	13.01	11.74	5.654	266.3	15.86	9.95	60.15	59	1.156	27.69	27.31	26.012	0			0	
"2015-04-19	01:00:00"	6.864	263.7	15.74	11.74	4.508	269.1	23.13	9.95	58.84	56.94	1.903	29.37	29.89	26.014	0			0	
"2015-04-19	02:00:00"	11.35	302.3	20.2	23.07	6.502	309.7	19.7	17.7	58.37	55.69	2.674	31.16	32.79	26.023	0			0	
"2015-04-19	03:00:00"	9.56	316.7	5.459	13.52	5.05	317	8.76	9.95	54.26	52.18	2.086	40.28	41.76	26.027	0			0	
"2015-04-19	04:00:00"	10.45	321.8	9.94	14.12	5.746	322.7	11.72	9.95	51.86	49.45	2.409	45.21	47.99	26.019	0			0	
"2015-04-19	05:00:00"	13	336	7.321	20.09	9.08	334.1	9.72	15.31	55.18	53.94	1.242	36.82	37.1	26.025	0			0	
"2015-04-19	06:00:00"	13.75	347.5	9.46	19.49	10.07	343.9	10.73	15.91	54.49	53.54	0.947	37.74	37.55	26.035	0			0	
"2015-04-19	07:00:00"	13.15	339.3	15.08	19.49	9.19	335.5	15.82	16.51	52.67	51.71	0.957	41.31	41.25	26.049	0.01736			0	
"2015-04-19	08:00:00"	10.5	326.4	16.9	14.12	6.418	324.9	16.77	10.54	49.35	48.32	1.035	48.98	49.5	26.078	31.524			0	
"2015-04-19	09:00:00"	14.77	10.25	10.71	23.07	11.38	6	15.97	18.89	52.62	53.08	-0.461	44.45	42.65	26.109	210.58			0	
"2015-04-19	10:00:00"	18.29	15.09	7.854	27.24	14.07	12.11	15.16	23.66	56.54	57.82	-1.278	39.26	36.85	26.128	425.51			0	
"2015-04-19	11:00:00"	20.34	16.43	9.1	28.43	15.96	13.64	16.75	23.66	59.38	61.31	-1.932	35.38	32.5	26.15	631.45			0	
"2015-04-19	12:00:00"	19.24	13.23	12.06	29.63	14.85	9.8	20.19	24.26	62.58	65.19	-2.605	29.71	26.67	26.164	800.74			0	
"2015-04-19	13:00:00"	18.29	6.026	14.32	29.03	14.32	1.718	18.21	23.66	65.21	68.16	-2.946	25.97	22.86	26.165	919.94			0	
"2015-04-19	14:00:00"	17.45	352.4	15.76	28.43	13.8	347.8	17.5	23.07	66.94	70.01	-3.071	24.12	21	26.158	973.31			0	
"2015-04-19	15:00:00"	16.08	354	20.34	27.84	12.64	350.2	22.22	24.26	68.49	71.6	-3.108	23.36	20.23	26.146	938.49			0	
"2015-04-19	16:00:00"	16.67	0.783	17.75	27.24	13.26	356.8	21.29	24.26	68.85	71.8	-2.952	24.11	20.96	26.128	893.16			0	
"2015-04-19	17:00:00"	16.21	9.34	20.08	40.36	12.9	5.889	23.27	35	68.78	71.41	-2.638	25.76	22.62	26.117	729.36			0	
"2015-04-19	18:00:00"	17.35	19.15	14.39	29.03	13.86	17.02	19.88	26.05	67.64	69.74	-2.105	28.53	25.56	26.119	531.73			0	
"2015-04-19	19:00:00"	17.88	30.67	12.13	27.24	14.17	29.99	16.53	24.26	65.68	67.03	-1.35	30.37	27.8	26.13	305.05			0	
"2015-04-19	20:00:00"	17.51	43.46	9.07	26.05	14.1	43.38	10.97	23.66	62.84	63.28	-0.442	33.61	31.65	26.132	133.39			0	
"2015-04-19	21:00:00"	12.64	56.61	8.66	21.28	9.6	56.53	11.21	18.3	59.17	58.98	0.192	38.81	37.44	26.141	6.6563			0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-04-19	22:00:00"	10.11	62.5	10.98	17.1	7.098	61.73	13.63	15.31	54.95	54.53	0.428	45.82	44.8	26.156	0	0
"2015-04-19	23:00:00"	9.94	56.23	8.69	15.31	7.021	55.32	11.55	11.74	52.27	51.81	0.46	52.24	51.47	26.169	0	0
"2015-04-20	01:00:00"	9.44	57.47	10.28	15.31	6.683	57.64	12.69	12.93	50.91	50.54	0.369	56.6	55.93	26.177	0	0
"2015-04-20	02:00:00"	8.96	66.6	8.38	11.14	5.638	65.1	11.61	8.16	48.41	47.75	0.654	62.09	62.09	26.177	0	0
"2015-04-20	03:00:00"	8.39	78.39	9.95	12.33	5.195	74.93	13.38	8.75	47.26	46.53	0.725	64.61	64.83	26.172	0	0
"2015-04-20	04:00:00"	9.36	90.5	9.93	13.52	6.465	88.1	12.01	9.95	46.89	46.45	0.439	65.64	65.35	26.164	0	0
"2015-04-20	05:00:00"	6.867	96.9	14.88	10.54	4.509	96.2	19.51	8.16	45.22	44.7	0.514	69.75	69.6	26.185	0	0
"2015-04-20	06:00:00"	7.554	74.97	17.02	11.14	4.632	69.88	18.48	8.16	44.09	42.95	1.139	71.89	72.83	26.185	0.00048	0
"2015-04-20	07:00:00"	7.103	73.03	11.83	11.74	4.496	71.18	13.73	8.75	42.53	42.05	0.475	76.71	76.49	26.188	0.02427	0
"2015-04-20	08:00:00"	4.229	87.8	11.83	5.771	2.038	65.18	20.14	3.386	42.25	41.25	0.999	78.05	78.56	26.207	26.128	0
"2015-04-20	09:00:00"	6.718	92.2	13.94	14.12	5.261	87.6	19.3	11.74	45.19	45.6	-0.409	72.64	71.27	26.234	196.31	0
"2015-04-20	10:00:00"	13.86	111.1	10.35	20.68	11.06	110.8	13.03	17.7	50.58	51.62	-1.036	56.75	54.01	26.243	414.13	0
"2015-04-20	11:00:00"	13.99	119.4	14.01	20.68	11.17	119.4	15.88	18.3	52.82	54.55	-1.731	49.77	46.02	26.246	617.76	0
"2015-04-20	12:00:00"	13.2	134.8	15.87	22.47	10.51	133.9	17.43	18.3	55.37	57.55	-2.187	43.91	39.91	26.246	789.11	0
"2015-04-20	13:00:00"	12.15	152.4	20.29	22.47	9.83	150.2	21.62	17.1	58.24	60.57	-2.334	38.65	35.31	26.223	906.74	0
"2015-04-20	14:00:00"	11.08	162.8	23.13	20.09	9.04	160.6	25.9	18.3	60.83	63.16	-2.329	35.64	32.48	26.19	965.02	0
"2015-04-20	15:00:00"	12.12	163.5	23.44	22.47	9.75	161.7	25.41	18.89	63.68	66.16	-2.477	32.94	29.71	26.158	945.97	0
"2015-04-20	16:00:00"	12.7	167.7	20.05	21.87	10.19	165.7	22.39	18.3	65.3	67.64	-2.339	32.04	28.9	26.129	842.51	0
"2015-04-20	17:00:00"	12.61	169.3	18.06	23.66	10.08	166.1	20.71	19.49	66.86	69.04	-2.182	31.42	28.42	26.098	753.25	0
"2015-04-20	18:00:00"	12.06	178.2	17.7	18.3	9.54	176.6	20.92	15.91	67.64	69.48	-1.844	30.92	28.14	26.081	534.19	0
"2015-04-20	19:00:00"	12.4	171.3	13.03	18.89	9.78	168.4	16.08	16.51	68.24	69.47	-1.233	30.87	28.54	26.07	329.24	0
"2015-04-20	20:00:00"	13.87	169.1	10.41	20.09	10.83	165.2	12.89	17.1	67.95	68.3	-0.35	31.62	29.86	26.064	147.57	0
"2015-04-20	21:00:00"	11.34	169.9	7.487	18.3	8.69	166.5	10.15	15.91	64.81	64.57	0.246	35.81	34.56	26.071	8.4801	0
"2015-04-20	22:00:00"	9.84	159	9.85	15.31	7.55	154.8	10.43	12.93	61.4	60.98	0.424	41.71	40.64	26.086	0	0
"2015-04-20	23:00:00"	10.29	164.4	9.83	15.91	7.857	160.9	11.58	12.93	59.22	58.83	0.392	47.22	46.21	26.098	0	0
"2015-04-21	00:00:00"	11.51	169.1	8.3	17.7	8.62	165.9	10.72	13.52	57.72	57.34	0.371	51.63	50.73	26.097	0	0
"2015-04-21	01:00:00"	14.41	174.6	7.179	20.68	10.94	170.7	10.23	15.91	56.96	56.64	0.321	54.22	53.32	26.099	0	0
"2015-04-21	02:00:00"	11.44	181.5	8.38	18.3	8.55	179.5	12.17	14.72	55.06	54.75	0.313	55.62	54.76	26.098	0	0
"2015-04-21	03:00:00"	7.941	129.8	70.25	15.31	5.909	130.5	74.22	14.12	52.84	52.13	0.71	59.27	59.25	26.104	0	0
"2015-04-21	04:00:00"	5.464	82.3	48.44	9.95	3.774	77.73	58.55	7.561	52.11	50.4	1.71	59.6	61.68	26.113	0	0
"2015-04-21	05:00:00"	6.419	88.8	24.3	11.14	3.707	87.8	34.63	6.964	50.07	47.23	2.84	63.82	67.7	26.094	0	0
"2015-04-21	06:00:00"	6.682	99.4	33.12	11.14	3.744	88.1	44.57	6.964	48.65	46.35	2.3	65.73	69.15	26.087	0	0
"2015-04-21	07:00:00"	7.096	138.1	8.73	9.95	3.952	132.4	11.39	6.964	48.73	46.89	1.837	65.64	68.23	26.089	0.02514	0
"2015-04-21	08:00:00"	7.934	150.3	13.05	12.33	5.437	146.9	14.3	9.95	48.72	47.58	1.139	66.69	68.13	26.098	30.847	0
"2015-04-21	09:00:00"	9.21	160.2	13.55	13.52	7.228	157.5	14.65	11.74	51.62	51.98	-0.362	64.56	63.14	26.116	209.55	0
"2015-04-21	10:00:00"	10.5	183.5	13.48	15.31	8.23	180.1	16.4	12.33	55.71	56.83	-1.123	59.28	56.41	26.122	414.15	0
"2015-04-21	11:00:00"	5.779	242	62.18	11.74	4.797	239.3	62.85	9.95	60.22	61.69	-1.471	53.24	49.91	26.132	621.75	0
"2015-04-21	12:00:00"	4.059	166.8	56.05	8.16	3.48	164.5	60.59	7.561	65.23	66.44	-1.208	46.17	43.36	26.142	793.49	0
"2015-04-21	13:00:00"	5.31	35.76	51.14	11.14	4.539	39.08	55.44	10.54	69.45	71.46	-2.01	40.02	36.71	26.134	908.26	0
"2015-04-21	14:00:00"	6.806	53.1	47.22	13.52	5.655	51.76	52.02	11.74	71.82	74.14	-2.318	36.14	32.79	26.113	961.08	0
"2015-04-21	15:00:00"	6.328	69.71	46.24	13.52	5.322	73.79	52.87	11.74	74.77	76.82	-2.049	31.89	28.93	26.093	931.34	0
"2015-04-21	16:00:00"	6.246	113.7	53.54	14.72	5.496	113	59.26	14.12	76.97	78.91	-1.935	28.06	25.36	26.07	881.34	0
"2015-04-21	17:00:00"	6.992	141.7	58.88	16.51	5.819	138	61.4	14.12	78.84	80.5	-1.621	24.23	21.87	26.042	752.1	0
"2015-04-21	18:00:00"	7.17	236.8	46.5	15.31	6.021	238.4	48.02	13.52	79.55	80.9	-1.372	19.96	17.82	26.027	521.77	0
"2015-04-21	19:00:00"	8.01	161.5	43.24	16.51	6.496	159.7	43.32	14.12	79.84	80.8	-0.933	18.89	17.07	26.022	352.46	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-21	20:00:00"	7.236	171	16.35	11.74	5.619	168.3	19.12	9.95	79.25	79.2	0.051	18.31	16.92	26.018	117.86	0	
"2015-04-21	21:00:00"	7.435	162.1	8.1	12.33	5.503	155.5	9.03	9.35	76.31	75.28	1.034	20.61	19.74	26.021	8.4182	0	
"2015-04-21	22:00:00"	9.52	157.9	10.14	14.12	6.911	152.8	10.14	11.74	71.63	70.6	1.031	27.25	26.57	26.035	0	0	
"2015-04-21	23:00:00"	11.58	154.2	10.9	19.49	8.52	151.5	11.53	14.72	69.48	68.63	0.854	30.56	29.79	26.047	0	0	
"2015-04-22	00:00:00"	11.85	167.3	8.82	17.7	9.09	163.6	10.8	14.72	66.43	66.04	0.398	46.39	45.12	26.055	0	0	
"2015-04-22	01:00:00"	11.53	168.7	8.32	17.7	8.69	165.6	10.76	13.52	64.75	64.37	0.383	62.56	61.67	26.061	0	0	
"2015-04-22	02:00:00"	8.68	166.4	10.06	13.52	6.676	163.8	12.08	11.74	62.25	61.9	0.348	70.42	69.75	26.057	0	0	
"2015-04-22	03:00:00"	7.833	164.1	11.96	12.93	5.844	161.4	14.39	10.54	59.84	59.5	0.333	78.12	77.52	26.049	0	0	
"2015-04-22	04:00:00"	7.331	183.8	11.22	18.89	5.387	185.1	15.33	15.31	57.84	57.57	0.265	84.9	84.3	26.042	0	0	
"2015-04-22	05:00:00"	14.57	176.2	7.234	21.87	10.99	174.5	11.35	17.1	58.55	58.71	-0.159	86.9	85.6	26.043	0	0	
"2015-04-22	06:00:00"	14.03	175.2	8.57	21.28	10.7	172.3	12.04	17.7	59.35	59.53	-0.18	85.3	84	26.045	0	0	
"2015-04-22	07:00:00"	12.53	178.3	8.7	18.3	9.49	175.9	12.28	14.72	59.46	59.66	-0.206	85.3	84	26.052	0	0	
"2015-04-22	08:00:00"	12.53	177	7.569	20.09	9.56	173.7	11.54	15.91	59.51	59.74	-0.233	84.9	83.5	26.065	8.4814	0	
"2015-04-22	09:00:00"	12.37	178.8	9.2	17.7	9.38	176.4	13.54	14.12	60	60.41	-0.412	82.9	81.2	26.081	66.238	0	
"2015-04-22	10:00:00"	12.39	186.3	14.4	18.89	9.59	183.2	17.28	16.51	61.12	61.78	-0.66	79.88	77.57	26.091	145.16	0	
"2015-04-22	11:00:00"	9.31	195.5	18.68	15.31	7.492	194.1	22.55	12.33	63.46	64.86	-1.4	72.57	69.13	26.1	528.41	0	
"2015-04-22	12:00:00"	7.697	232.4	27.94	14.12	6.372	232.7	31.82	12.33	67.6	69.36	-1.756	59.1	55.18	26.099	792.06	0	
"2015-04-22	13:00:00"	8.89	261.6	24.53	17.1	6.981	263.9	29.07	15.91	72.48	74.73	-2.251	42.4	38.68	26.085	911.13	0	
"2015-04-22	14:00:00"	9.79	279.8	25.44	20.09	7.15	282.3	29.87	16.51	76.61	79.26	-2.652	29.48	26.4	26.058	967.87	0	
"2015-04-22	15:00:00"	9.71	256.4	28.35	20.09	7.638	256.9	30.81	16.51	79.78	82.1	-2.347	17.79	15.51	26.04	950.74	0	
"2015-04-22	16:00:00"	11.63	259.6	31.52	22.47	8.96	261.2	33.87	18.89	81.2	83.6	-2.458	14.81	12.6	26.027	902.26	0	
"2015-04-22	17:00:00"	14.02	236.6	23.84	24.86	11.43	237.5	28.65	23.66	81.9	83.5	-1.651	14.18	12.08	26.013	770.98	0	
"2015-04-22	18:00:00"	12.46	232.9	20.27	24.26	10.14	232.4	23.12	21.28	82	83.2	-1.175	12.96	11.03	26.004	517.29	0	
"2015-04-22	19:00:00"	14.6	230.8	15.18	24.26	11.85	230.7	18.27	23.66	82.1	82.7	-0.611	12.41	10.55	26.001	381.58	0	
"2015-04-22	20:00:00"	11.62	238	12.83	20.09	9.72	239.6	15	16.51	81.2	81.2	0.016	11.83	10.13	26.003	156.28	0	
"2015-04-22	21:00:00"	9.19	230.2	13.46	15.91	7.447	228.6	15.93	14.12	77.28	76.84	0.438	13.88	12.33	26.016	10.097	0	
"2015-04-22	22:00:00"	9.03	242.7	13.93	14.12	6.553	244.1	16.45	10.54	71.7	70.87	0.834	16.34	15.17	26.04	0	0	
"2015-04-22	23:00:00"	9.05	283.9	15.37	15.31	4.876	296.8	22.07	10.54	69.8	66.84	2.961	16.22	16.62	26.056	0	0	
"2015-04-23	00:00:00"	10.7	295.5	7.986	14.72	4.646	310.5	10.46	6.964	67.57	62.16	5.415	16.82	19.55	26.064	0	0	
"2015-04-23	01:00:00"	8.08	316.7	7.729	12.33	4.191	325.3	13.56	6.368	63.38	60.25	3.13	19.97	21.16	26.061	0	0	
"2015-04-23	02:00:00"	4.917	259.2	51.22	12.93	2.506	243.5	59.88	11.14	61.86	60.21	1.654	22.23	22.37	26.074	0	0	
"2015-04-23	03:00:00"	2.778	235.6	52.79	5.175	2.224	263.2	82.2	5.175	61.58	58.3	3.282	23.06	26.73	26.07	0	0	
"2015-04-23	04:00:00"	5.619	335.7	24.78	10.54	4.081	343.1	18.37	5.771	63.4	55.36	8.05	19.68	28.93	26.061	0	0	
"2015-04-23	05:00:00"	7.855	310.1	12.59	10.54	3.371	310.9	17.63	5.771	62.28	56.96	5.325	20.13	25.94	26.059	0	0	
"2015-04-23	06:00:00"	7.015	336.5	56.83	15.31	4.421	347.2	55.67	11.14	59.76	57.26	2.506	24.67	27.02	26.063	0	0	
"2015-04-23	07:00:00"	10.48	59.15	7.111	14.72	7.761	57.55	9.54	12.93	53.33	53.17	0.156	55.11	52.9	26.074	0.00048	0	
"2015-04-23	08:00:00"	9.54	62.68	8.22	13.52	7.3	62.56	11.33	11.74	54.35	54.51	-0.157	89.9	88.6	26.087	9.8521	0	
"2015-04-23	09:00:00"	8.28	70.78	10.59	11.14	6.452	71.62	12.66	9.95	56.71	56.95	-0.242	91.5	90.3	26.099	71.664	0	
"2015-04-23	10:00:00"	7.621	70.09	11.32	11.14	6.008	70.22	13.5	9.95	58.65	59.48	-0.828	85.1	82.2	26.116	199.69	0	
"2015-04-23	11:00:00"	4.814	71.5	27.82	8.75	3.049	72.39	32.99	6.964	62.53	63.45	-0.916	68.55	65.82	26.117	348.71	0	
"2015-04-23	12:00:00"	3.2	30.97	62.69	7.561	2.453	27.37	69.76	6.964	66.27	67.19	-0.917	61.81	58.98	26.118	475.88	0	
"2015-04-23	13:00:00"	3.352	182.3	62.73	9.95	2.299	171.5	68.99	8.75	69.71	70.66	-0.943	49.68	47.1	26.109	483.24	0	
"2015-04-23	14:00:00"	5.641	236.4	29.74	11.74	4.338	236	34.83	8.75	71.3	72.45	-1.154	44.69	41.85	26.1	485.84	0	
"2015-04-23	15:00:00"	6.684	237.7	30.63	13.52	5.27	237	31.53	11.74	73.7	74.85	-1.154	36.34	34	26.086	519.68	0	
"2015-04-23	16:00:00"	8.81	272.2	23.31	18.3	6.629	272.1	25.73	17.7	76.6	78.17	-1.564	19.98	17.93	26.067	580.23	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-23	17:00:00"	11.02	250.7	16.89	21.28	8.65	253.1	21.64	17.7	77.36	78.55	-1.194	16.33	14.47	26.053	452.11	0	
"2015-04-23	18:00:00"	11.47	221.6	20.3	20.68	9.27	219.6	23.87	18.3	77.34	77.8	-0.467	16.34	14.55	26.043	231.18	0	
"2015-04-23	19:00:00"	15.01	189.5	12.34	26.05	11.42	187.7	15.6	21.28	76.7	76.92	-0.229	17.68	15.94	26.039	141.75	0	
"2015-04-23	20:00:00"	17.48	190	10.41	25.45	13.09	189.3	14.72	20.09	74.94	75.03	-0.09	29.13	27.37	26.042	80.209	0	
"2015-04-23	21:00:00"	16.27	208.3	14.5	29.63	12.82	206.1	16.88	25.45	72.33	72.26	0.068	38.48	36.86	26.054	4.6677	0	
"2015-04-23	22:00:00"	18.05	217.8	12.99	29.63	14.47	216.7	15.32	25.45	69.84	69.79	0.051	42.05	40.28	26.075	0	0	
"2015-04-23	23:00:00"	15.98	215.2	14.07	28.43	12.96	211.7	16.91	21.87	68.5	68.43	0.074	40.36	38.78	26.09	0	0	
"2015-04-24	00:00:00"	16.5	205.7	12.19	26.65	12.86	202.4	14.41	23.07	68.44	68.29	0.152	35.07	33.66	26.093	0	0	
"2015-04-24	01:00:00"	15.69	213.8	13.48	26.65	12.44	210.7	16.42	21.87	68.2	68.05	0.147	35.04	33.6	26.078	0	0	
"2015-04-24	02:00:00"	16.86	198.7	9.28	26.05	12.81	198.8	11.77	19.49	67.36	67.16	0.205	37.42	36.1	26.064	0	0	
"2015-04-24	03:00:00"	13.3	191.9	8.6	19.49	10.03	192.7	12.59	17.1	65.24	65.1	0.138	44.64	43.13	26.047	0	0	
"2015-04-24	04:00:00"	13.22	187.8	9.22	20.09	9.98	186.7	13.56	17.1	63.11	63.03	0.077	55.72	54.24	26.027	0	0	
"2015-04-24	05:00:00"	16.65	177.8	6.986	24.26	12.64	173.5	10.7	19.49	60.67	60.7	-0.023	66.68	65.25	26.029	0	0	
"2015-04-24	06:00:00"	19.67	176.8	6.817	29.03	14.83	173.4	10.6	23.66	59.11	59.14	-0.031	74.08	73.27	26.038	0	0	
"2015-04-24	07:00:00"	16.04	176.3	6.739	23.07	12.01	172.6	10.14	19.49	58.96	58.77	0.184	76.82	76.81	26.035	0	0	
"2015-04-24	08:00:00"	11.75	186.9	8.9	18.3	8.77	186.9	13.84	14.12	59.31	59.32	-0.013	76.47	75.59	26.039	25.814	0	
"2015-04-24	09:00:00"	12.68	197.4	10.96	19.49	9.71	197.7	13.63	15.91	60.54	60.76	-0.218	74.9	73.88	26.044	130.97	0	
"2015-04-24	10:00:00"	13.8	207.8	15.33	22.47	10.91	205.6	16.99	18.3	62.07	62.46	-0.391	71.45	69.68	26.051	204.27	0	
"2015-04-24	11:00:00"	16.19	222.3	21.76	25.45	12.99	222.1	24.54	22.47	65.21	65.83	-0.618	62.87	60.58	26.06	366.15	0	
"2015-04-24	12:00:00"	18.67	279.1	10.27	26.05	13.2	281.3	12.47	21.87	66.12	67.68	-1.562	42.61	39.58	26.055	521.66	0	
"2015-04-24	13:00:00"	17.9	284.6	14.26	29.03	12.17	286.6	15.97	25.45	68.04	70.4	-2.358	37.06	33.74	26.043	845.76	0	
"2015-04-24	14:00:00"	21.47	254.8	15.16	34.4	16.73	257.3	18.63	31.42	71.56	73.69	-2.13	31.17	28.05	26.013	946.67	0	
"2015-04-24	15:00:00"	23.19	245.4	14.79	37.38	18.48	247.2	18.7	32.01	74.02	75.81	-1.798	24.07	21.4	25.991	931.15	0	
"2015-04-24	16:00:00"	25.63	254.3	17.74	40.36	20	257.8	19.56	33.8	75.26	77.14	-1.883	17.21	14.78	25.976	906.71	0	
"2015-04-24	17:00:00"	26.34	253.8	12.31	40.96	19.94	256.1	16.19	35.59	75.85	77.54	-1.685	14.75	12.5	25.968	764.23	0	
"2015-04-24	18:00:00"	27.06	260.5	12.1	42.75	20.52	263.7	14.69	35	75.37	76.68	-1.308	13.34	11.25	25.971	519.79	0	
"2015-04-24	19:00:00"	24.45	257.1	11.08	39.17	18.56	260.5	14.66	32.01	74.63	75.42	-0.787	16.4	14.4	25.979	376.51	0	
"2015-04-24	20:00:00"	23.05	269.1	10.34	33.21	17.29	271.4	12.85	27.24	73.43	73.54	-0.109	15.94	14.2	25.983	156.3	0	
"2015-04-24	21:00:00"	15.16	269.5	8.31	26.05	11.47	271.4	10.37	20.09	70.86	70.38	0.482	18.18	16.72	25.994	10.915	0	
"2015-04-24	22:00:00"	10.63	264.2	9.07	15.91	8.05	267.1	11.18	14.72	67.29	66.61	0.683	20.03	18.74	26.012	0	0	
"2015-04-24	23:00:00"	11.64	267	9.54	19.49	8.64	269.2	11.28	16.51	64.88	64.13	0.745	22.11	20.95	26.039	0	0	
"2015-04-25	00:00:00"	12.23	264	9.6	18.89	9.17	267.6	10.99	17.1	64.11	63.41	0.696	22.83	21.66	26.05	0	0	
"2015-04-25	01:00:00"	9.3	251.6	12.15	15.91	6.721	251.9	16.95	12.93	61.9	61.09	0.809	25.5	24.51	26.052	0	0	
"2015-04-25	02:00:00"	13.46	267.5	9.01	20.68	10.04	270.4	10.47	18.3	60.87	60.22	0.655	27.09	26.04	26.053	0	0	
"2015-04-25	03:00:00"	10.63	287.9	14.36	16.51	6.15	294.1	18.3	13.52	56.94	55.48	1.462	31.28	31.25	26.053	0	0	
"2015-04-25	04:00:00"	9.23	281.5	12.63	17.1	5.724	289.5	20.15	12.93	56.96	55.1	1.86	31.82	32.18	26.05	0	0	
"2015-04-25	05:00:00"	8.49	274.1	13.41	14.12	4.564	285	11.35	9.35	56.32	53.4	2.919	32.86	34.48	26.052	0	0	
"2015-04-25	06:00:00"	9.34	289.9	11.44	13.52	4.589	295.9	15.86	7.561	54.81	51.7	3.108	35.42	37.55	26.055	0	0	
"2015-04-25	07:00:00"	9.16	313.3	5.392	10.54	4.576	321.3	7.576	6.368	52.72	48.11	4.607	38.49	43.6	26.062	0.06253	0	
"2015-04-25	08:00:00"	6.773	295	16.01	9.95	3.351	306.3	26.85	6.368	52.34	48.91	3.43	39.37	43.53	26.073	40.924	0	
"2015-04-25	09:00:00"	5.629	272.5	14.48	9.95	4.204	272.4	15.86	8.16	55.49	55.95	-0.455	36.88	35.58	26.09	228.27	0	
"2015-04-25	10:00:00"	9.04	281.1	12.5	19.49	6.621	282.4	15.42	15.91	62.37	63.58	-1.216	30.86	28.87	26.096	445.16	0	
"2015-04-25	11:00:00"	12.43	278.3	14.56	22.47	8.96	280.5	16.81	17.7	66.7	68.59	-1.892	26.53	24.12	26.093	651.33	0	
"2015-04-25	12:00:00"	17.58	281.7	16.12	34.4	12.47	283.8	17.65	27.84	69.52	71.84	-2.318	23.03	20.38	26.085	819.87	0	
"2015-04-25	13:00:00"	18.88	275.4	16.14	29.63	13.62	277.8	17.78	27.84	70.94	73.5	-2.56	22.77	19.91	26.075	932.02	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-25	14:00:00"	18.51	258.9	19.64	34.4	14.15	261.5	21.9	27.24	72.78	75.28	-2.495	21.35	18.56	26.04	984.79	0	
"2015-04-25	15:00:00"	15.95	241.4	19.37	29.63	12.85	242.1	24.23	24.26	74.36	76.48	-2.116	20.55	17.96	26.016	948.18	0	
"2015-04-25	16:00:00"	15.84	247	23.63	28.43	12.57	249	27.03	24.26	76.17	78.32	-2.15	17.77	15.3	25.994	904.01	0	
"2015-04-25	17:00:00"	17.28	248.5	17.16	30.22	13.52	250.6	21.15	25.45	77.3	79.17	-1.863	15.64	13.35	25.964	774.55	0	
"2015-04-25	18:00:00"	17.89	236.7	15.41	30.22	14.45	238.1	17.96	25.45	78.05	79.17	-1.115	13.85	11.79	25.944	517.19	0	
"2015-04-25	19:00:00"	18.04	247	14.66	30.82	14.24	249.1	18.04	26.05	78.37	79.11	-0.734	11.92	10.03	25.941	384.67	0	
"2015-04-25	20:00:00"	16.97	243.7	11.78	28.43	13.46	245.5	14.78	26.65	77.57	77.62	-0.053	11.84	10.1	25.939	166.52	0	
"2015-04-25	21:00:00"	11.68	237.3	11.26	20.68	9.25	239	13.97	18.3	74.26	73.84	0.418	14.29	12.69	25.948	11.721	0	
"2015-04-25	22:00:00"	7.344	240.5	15.4	12.93	5.369	239.2	19.98	9.95	70.9	69.98	0.921	16.72	15.49	25.962	0	0	
"2015-04-25	23:00:00"	8.14	253.2	7.924	13.52	5.34	256.8	11.34	8.75	68.54	67.11	1.431	18.46	17.68	25.967	0	0	
"2015-04-26	00:00:00"	6.178	255.8	16.03	8.75	3.766	264.9	27.09	6.368	66.08	63.59	2.488	20.24	20.56	25.96	0	0	
"2015-04-26	01:00:00"	4.247	227	18.12	7.561	2.568	211.3	27.32	4.578	64.5	62.72	1.77	21.48	21.46	25.954	0	0	
"2015-04-26	02:00:00"	4.31	211.3	15.4	5.771	2.423	187.8	21.05	3.982	63.81	61.06	2.756	21.56	22.81	25.95	0	0	
"2015-04-26	03:00:00"	5.263	228.9	19.19	7.561	3.077	225.3	29.86	5.175	61.83	59.53	2.302	23.06	24.03	25.945	0	0	
"2015-04-26	04:00:00"	5.423	243.5	35.75	7.561	2.951	253.4	47.23	5.175	57.72	55.27	2.445	26.98	28.14	25.942	0	0	
"2015-04-26	05:00:00"	4.748	254.9	11.33	6.964	2.725	266	16.78	4.578	58.68	56.08	2.604	25.85	27	25.929	0	0	
"2015-04-26	06:00:00"	6.011	196	21.94	11.74	3.905	192.8	24.96	8.16	58.04	56.37	1.666	26.09	26.44	25.933	0	0	
"2015-04-26	07:00:00"	5.545	188.8	11.17	7.561	3.176	180.8	11.12	4.578	56.71	54.34	2.372	27.34	29.32	25.931	0.08823	0	
"2015-04-26	08:00:00"	4.315	174.2	40.78	8.75	2.814	167	65.51	6.368	55.68	54.01	1.669	28.47	29.47	25.933	60.143	0	
"2015-04-26	09:00:00"	4.249	219.8	17.95	8.16	3.567	216.8	21.15	6.964	58.7	58.93	-0.237	28.42	27.36	25.941	222.65	0	
"2015-04-26	10:00:00"	6.546	241.9	15.23	11.74	5.282	244.8	15.87	9.95	62.91	63.43	-0.517	25.3	23.92	25.939	267.23	0	
"2015-04-26	11:00:00"	6.933	262.1	16.03	11.14	5.403	263	20.67	9.35	67.16	67.99	-0.832	25.32	23.75	25.928	329.29	0	
"2015-04-26	12:00:00"	9.21	252.4	20.91	15.31	7.362	254.3	22.51	13.52	71.33	72.52	-1.187	20.22	18.43	25.913	517.89	0	
"2015-04-26	13:00:00"	10.15	240.1	19.4	18.3	8.21	240.3	23.63	14.72	73.08	74.53	-1.447	17.42	15.55	25.889	629.31	0	
"2015-04-26	14:00:00"	15.48	246.5	15.98	24.26	12.41	248.6	19.33	20.09	74.49	76.1	-1.607	14.34	12.35	25.865	732.28	0	
"2015-04-26	15:00:00"	15.13	245.8	19.36	32.01	11.84	247.7	23.17	28.43	75.5	77.09	-1.591	14.35	12.28	25.845	601.37	0	
"2015-04-26	16:00:00"	15.12	260.8	59.71	32.61	11.35	265	61.03	32.01	73.8	74.47	-0.663	15.57	13.69	25.853	255.79	0	
"2015-04-26	17:00:00"	25.01	296.9	11.79	37.38	14.68	299.1	13.84	28.43	71.14	72.1	-0.965	20.45	18.33	25.849	345.69	0	
"2015-04-26	18:00:00"	21.08	296.8	11.5	34.4	12.4	298.2	13.62	23.07	68.49	68.89	-0.403	22.88	21.03	25.856	141.13	0	
"2015-04-26	19:00:00"	24.35	273.1	11.26	39.17	18	276.2	12.68	32.61	67.38	67.48	-0.098	20.42	18.72	25.851	59.382	0	
"2015-04-26	20:00:00"	16.9	286.9	14.27	30.82	11.15	288.1	16.02	25.45	65.66	65.64	0.024	22.51	20.88	25.861	38.082	0	
"2015-04-26	21:00:00"	15.13	291	11.68	27.84	9.12	292.4	13.7	20.09	63.94	63.66	0.283	27.3	25.9	25.891	14.499	0	
"2015-04-26	22:00:00"	12.01	266.3	10.87	21.28	8.93	269.6	12.18	18.89	60.49	60.1	0.388	33.51	32.35	25.92	0	0	
"2015-04-26	23:00:00"	8.55	254.8	10.09	16.51	6.283	254.2	13.5	15.31	57.05	56.47	0.58	37.71	36.83	25.935	0	0	
"2015-04-27	00:00:00"	9.64	301.5	23	16.51	5.83	302.3	22.71	14.72	55.15	54.13	1.014	43.56	43.14	25.953	0	0	
"2015-04-27	01:00:00"	9.01	324	4.956	11.74	4.943	323.1	8.18	8.16	52.67	50.61	2.063	53.73	55.4	25.954	0	0	
"2015-04-27	02:00:00"	4.075	20.66	39.5	6.368	2.507	48.46	48.34	4.578	50.59	48.29	2.296	57.46	59.14	25.963	0	0	
"2015-04-27	03:00:00"	3.243	239.8	60.12	5.771	2.217	225.3	58.02	4.578	50.7	49.21	1.488	57.96	57.87	25.965	0	0	
"2015-04-27	04:00:00"	4.553	23.83	51.25	8.75	3.469	7.39	53.69	6.964	49.39	43.59	5.795	60.84	66.74	25.959	0	0	
"2015-04-27	05:00:00"	5.833	335.8	24.9	8.75	3.03	327.6	28	5.771	50.11	42.21	7.902	61.18	70.78	25.959	0	0	
"2015-04-27	06:00:00"	6.802	303.2	13.05	9.35	3.219	314.2	31.68	5.771	46.93	41.64	5.293	67.24	73.08	25.959	0.00086	0	
"2015-04-27	07:00:00"	9.32	308.2	15.36	13.52	4.492	312.8	17.47	11.14	45.27	42.65	2.623	71.64	75.38	25.96	0.09853	0	
"2015-04-27	08:00:00"	8.67	10.87	17.71	14.12	5.858	12.27	28.27	11.14	43.23	42.53	0.701	81.3	80.9	25.986	41.225	0	
"2015-04-27	09:00:00"	11.01	27.26	9.44	16.51	8.64	27.18	14.37	14.12	50.27	51.1	-0.823	80	77.18	26.011	229.25	0	
"2015-04-27	10:00:00"	9.7	22.62	15.7	17.1	7.856	22.06	21.01	14.72	55.33	56.99	-1.66	65.75	61.59	26.022	444.14	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-04-27	11:00:00"	11.38	359.8	18.15	20.09	8.98	355.5	21.16	17.7	55.88	58.15	-2.276	64.7	59.17	26.048	519.26	0
"2015-04-27	12:00:00"	10.96	2.841	15.73	24.86	8.72	358.5	19.79	22.47	56.5	58.26	-1.765	64.38	60.67	26.061	412.39	0.04
"2015-04-27	13:00:00"	12.87	356.2	16.94	23.66	9.93	351.8	18.47	19.49	56.41	57.76	-1.358	66.41	68.34	26.067	648.4	0
"2015-04-27	14:00:00"	16.94	355.4	15.94	26.65	13.07	350.4	17.38	23.07	59.02	60.49	-1.468	51.42	49.7	26.061	421.3	0
"2015-04-27	15:00:00"	23.42	354.9	14.44	33.8	17.93	349.4	15.92	28.43	57.88	59.72	-1.849	50.56	47.28	26.075	577.48	0
"2015-04-27	16:00:00"	23.54	356.4	14.58	33.21	18.05	350.7	15.94	27.84	55.57	57.32	-1.742	53.16	49.45	26.097	461.6	0
"2015-04-27	17:00:00"	24.28	353.4	13.72	35.59	18.81	348.3	15.07	29.03	54.71	56.35	-1.64	51.93	48.15	26.11	480.32	0
"2015-04-27	18:00:00"	25.08	350.3	13.21	36.19	19.02	345.8	15.08	31.42	51.01	52.23	-1.219	56.83	53.42	26.135	281.53	0
"2015-04-27	19:00:00"	25.35	351.8	13.58	37.98	19.4	347	12.94	30.82	47.87	48.66	-0.784	58.99	56.27	26.16	176.68	0
"2015-04-27	20:00:00"	25.96	356.5	14.72	36.19	19.82	350.6	14.6	30.22	45.64	46.04	-0.403	61.87	59.81	26.186	63.29	0
"2015-04-27	21:00:00"	24.47	1.401	14.7	37.38	18.76	355.6	16.06	30.82	43.29	43.47	-0.178	67.63	66.06	26.214	6.803	0
"2015-04-27	22:00:00"	21.69	0.855	14.71	34.4	16.47	354.7	16.23	28.43	42.47	42.52	-0.045	69.18	67.95	26.245	0	0
"2015-04-27	23:00:00"	22.17	358.2	15.1	36.78	16.93	352.1	15.37	29.63	42.45	42.36	0.091	71.25	70.39	26.265	0.0001	0
"2015-04-28	00:00:00"	19.51	358.3	13.74	29.63	14.88	352.8	15.25	23.66	43.2	43.29	-0.082	70.43	69.26	26.287	0.00019	0
"2015-04-28	01:00:00"	18.67	5.844	12.32	30.22	14.14	0.452	16.56	24.86	43.53	43.65	-0.116	69.62	68.34	26.3	0	0
"2015-04-28	02:00:00"	17.35	1.519	13.41	27.24	13.26	355.5	16.38	24.26	43.52	43.64	-0.12	70.48	69.19	26.307	0	0
"2015-04-28	03:00:00"	17.98	0.56	13.78	26.65	13.81	355.1	16.04	23.66	43.62	43.73	-0.11	70.65	69.38	26.298	0	0
"2015-04-28	04:00:00"	19.26	0.534	14.16	29.03	14.7	355.2	16.05	26.65	42.69	42.83	-0.138	76.55	75.33	26.293	0	0
"2015-04-28	05:00:00"	19.19	6.056	12.22	29.63	14.49	0.436	16.12	26.05	43.29	43.39	-0.099	72.61	71.43	26.298	0.0001	0
"2015-04-28	06:00:00"	17.3	5.352	11.75	26.65	13.11	0.158	16.33	21.87	43.68	43.75	-0.065	71.4	70.26	26.312	0.0001	0
"2015-04-28	07:00:00"	14.44	9.22	10.71	22.47	11.13	3.755	16.39	18.89	43.74	43.82	-0.078	71.12	69.97	26.332	0.02552	0
"2015-04-28	08:00:00"	12.51	1.873	14.35	19.49	9.59	355.9	15.01	16.51	44.42	44.5	-0.072	69.67	68.55	26.356	6.5632	0
"2015-04-28	09:00:00"	15.54	5.246	11.99	23.07	11.83	0.17	15.82	20.09	45	45.19	-0.192	68.59	67.21	26.372	33.051	0
"2015-04-28	10:00:00"	17.37	4.183	12.91	24.86	13.25	358.5	15.67	23.07	46.7	47.97	-1.263	64.72	61.55	26.382	336.47	0
"2015-04-28	11:00:00"	19.14	12.2	13.21	27.24	14.75	8.65	18.79	23.07	50.3	52.14	-1.835	54.85	50.63	26.385	527.74	0
"2015-04-28	12:00:00"	20.43	29.25	11.43	29.63	16.11	28.63	15.91	26.05	53.27	55.82	-2.541	46.79	42.02	26.385	783.42	0
"2015-04-28	13:00:00"	19.2	28.42	12.74	29.63	15.33	27.29	17.57	26.05	55.73	58.82	-3.084	41.73	36.92	26.38	927.52	0
"2015-04-28	14:00:00"	18.03	29.97	15.49	28.43	14.38	28.25	20.24	25.45	57.01	59.96	-2.952	37.46	33.35	26.368	806.97	0
"2015-04-28	15:00:00"	17.01	30.88	13.63	30.82	13.62	30.34	17.98	22.47	58.22	61.28	-3.069	37.42	33.13	26.357	792.42	0
"2015-04-28	16:00:00"	16.16	24.17	14.13	24.86	12.9	22.77	19.38	21.87	58.63	61.37	-2.739	37.47	33.38	26.349	667.6	0
"2015-04-28	17:00:00"	14.9	28.11	15.51	24.26	12.07	27.2	19.74	22.47	59.22	61.67	-2.444	35.95	32.24	26.33	610.1	0
"2015-04-28	18:00:00"	14.66	25.34	14.92	23.07	11.8	23.42	19.41	20.68	60.48	62.68	-2.199	33.21	29.89	26.316	552.67	0
"2015-04-28	19:00:00"	14.67	50.05	22.35	23.66	11.55	49.8	24.81	20.09	60.28	61.78	-1.501	34.95	32	26.317	346.24	0
"2015-04-28	20:00:00"	12.4	66.24	15.25	20.68	9.53	66.64	16.38	15.91	58.44	58.87	-0.426	38.63	36.55	26.325	118.47	0
"2015-04-28	21:00:00"	7.32	86.3	7.919	14.72	4.613	83.7	8.59	12.33	55.31	54.24	1.063	45.24	44.94	26.337	13.076	0
"2015-04-28	22:00:00"	6.274	92.2	1.681	7.561	3.115	76.3	8.41	4.578	53.28	50.33	2.949	48.72	50.82	26.344	0	0
"2015-04-28	23:00:00"	3.643	86.1	5.365	5.771	2.758	40.41	25.65	4.578	52.81	49.13	3.683	49.99	53.97	26.359	0	0
"2015-04-29	00:00:00"	6.468	92.3	13.94	8.75	3.834	72.35	11.07	5.771	50.68	47.28	3.402	53.95	57.02	26.372	0	0
"2015-04-29	01:00:00"	5.366	158.5	13.65	9.35	3.444	154.8	16.53	7.561	48.66	47.55	1.108	58.85	59.18	26.374	0.0001	0
"2015-04-29	02:00:00"	3.464	217	29.03	5.175	2.224	227.3	37.45	3.982	47.08	46.14	0.94	62.11	62.11	26.369	0.0001	0
"2015-04-29	03:00:00"	5.691	270.5	17.93	7.561	2.937	283.4	19.17	5.175	46.44	42.68	3.761	62.33	66.61	26.354	0	0
"2015-04-29	04:00:00"	7.722	297.7	5.834	9.35	3.203	304.9	11.34	5.771	43.4	38.21	5.187	65.57	72.9	26.341	0.00192	0
"2015-04-29	05:00:00"	8.08	306.3	5.036	11.14	3.624	318.3	8.04	6.368	42.08	38.12	3.958	68.65	74.3	26.338	0.01987	0
"2015-04-29	06:00:00"	9.73	309.1	3.669	11.74	4.299	312.5	8.5	6.964	41.71	38.84	2.87	69.65	74.43	26.333	0.03196	0
"2015-04-29	07:00:00"	9.92	312.7	4.732	12.33	4.916	313.7	8.86	7.561	41.55	39.63	1.917	70.33	73.53	26.333	0.20478	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2015-04-29	08:00:00"	9.7	312.7	5.917	12.33	5.211	314.3	8.91	8.16	42.87	41.73	1.143	68.86	70.63	26.339	49.754	0
"2015-04-29	09:00:00"	10.25	305.2	7.397	14.72	5.994	306.6	10.75	11.14	49.15	49.71	-0.555	58.13	56.42	26.349	239.59	0
"2015-04-29	10:00:00"	10.3	300.1	11.21	14.72	6.526	301.5	14.05	11.74	54.23	55.66	-1.427	48.87	45.65	26.352	455.66	0
"2015-04-29	11:00:00"	5.419	329.9	91.4	11.74	4.367	313.6	91.6	9.95	58	59.49	-1.496	38.27	35.61	26.345	664.72	0
"2015-04-29	12:00:00"	4.649	9.41	64.27	10.54	3.994	8.22	71.18	9.95	60.2	62.01	-1.807	33.98	31.17	26.338	831.85	0
"2015-04-29	13:00:00"	4.646	127.3	96.4	11.14	4.014	124.2	96.3	9.95	62.5	64.38	-1.877	30.49	27.71	26.319	947.47	0
"2015-04-29	14:00:00"	5.566	233	75.04	12.33	4.773	236.2	79.8	11.74	64.61	66.58	-1.963	27.99	25.23	26.29	993.04	0
"2015-04-29	15:00:00"	5.399	167.2	60.72	14.72	4.835	165.7	62.43	12.93	66.81	68.7	-1.891	23.12	20.63	26.262	965.55	0
"2015-04-29	16:00:00"	5.511	190.2	71.79	11.14	4.711	185.9	73.62	10.54	69.06	71.08	-2.02	20.07	17.65	26.24	917.48	0
"2015-04-29	17:00:00"	6.254	244.4	69.21	17.7	5.143	247.7	66.7	14.12	70.04	71.96	-1.923	18.41	16.04	26.213	786.54	0
"2015-04-29	18:00:00"	6.833	233.4	33.85	17.1	5.635	232.3	38.75	14.12	70.88	72.53	-1.649	16.7	14.55	26.199	578.03	0
"2015-04-29	19:00:00"	6.279	225.8	42.7	14.72	5.081	224.6	46.93	11.74	71.35	72.46	-1.11	16.45	14.47	26.191	394.08	0
"2015-04-29	20:00:00"	6.571	208.6	24.15	11.14	5.151	207.8	27.18	9.35	70.91	71.28	-0.365	17.21	15.48	26.186	175.01	0
"2015-04-29	21:00:00"	7.697	172.9	11.02	11.14	5.641	168.8	13.81	8.75	67.62	67.09	0.533	20.3	19.04	26.189	14.844	0
"2015-04-29	22:00:00"	8.56	180	5.951	12.33	6.123	177.3	9.52	9.35	64.06	63.18	0.883	20.75	19.88	26.199	0	0
"2015-04-29	23:00:00"	10.98	177.5	6.482	17.1	7.837	173.3	10.4	13.52	61.79	60.95	0.837	22.8	21.77	26.207	0	0
"2015-04-30	00:00:00"	7.9	193.9	13.3	14.12	5.541	192.9	15.82	10.54	57.82	57	0.827	28.29	27.58	26.21	0	0
"2015-04-30	01:00:00"	5.746	195.3	12.2	8.16	3.629	195.5	14.85	5.771	56.14	54.98	1.164	29.63	29.35	26.205	0	0
"2015-04-30	02:00:00"	5.166	216.7	15.68	8.16	3.688	214.9	18.01	6.368	54.54	53.78	0.759	30.72	29.92	26.201	0	0
"2015-04-30	03:00:00"	4.544	220.6	14.81	6.964	3.039	219.3	17.98	5.771	54.06	53.14	0.926	31.69	31.13	26.19	0	0
"2015-04-30	04:00:00"	4.332	233	14.16	6.964	2.844	237.7	19.21	5.175	53.3	52.18	1.124	32.15	31.9	26.177	0	0
"2015-04-30	05:00:00"	5.076	225.6	13.39	7.561	3.519	225.2	18.97	5.771	53	52.03	0.971	31.96	31.57	26.168	0	0
"2015-04-30	06:00:00"	5.21	216.9	13.37	8.16	3.863	212.6	16.14	6.368	51.57	50.84	0.73	33.27	32.63	26.165	0	0
"2015-04-30	07:00:00"	4.598	224.1	12.46	7.561	3.347	222.4	13.77	6.368	49.86	49.19	0.675	34.97	34.39	26.166	0.22645	0
"2015-04-30	08:00:00"	4.552	225.5	13.36	6.964	3.034	224.4	18.9	5.175	49.92	49.1	0.82	34.93	34.94	26.179	54.796	0
"2015-04-30	09:00:00"	6.434	233.4	19.77	13.52	4.999	235.6	23.57	9.95	53.29	53.68	-0.39	34.42	33.01	26.193	249.03	0
"2015-04-30	10:00:00"	11.91	199.8	11.42	18.89	9.31	199.2	14.9	15.31	62.16	63.07	-0.912	29.45	27.46	26.199	464.68	0
"2015-04-30	11:00:00"	15.32	194.2	11.64	22.47	11.69	193	14.97	18.3	66.71	68.25	-1.538	23.83	21.5	26.199	666.15	0
"2015-04-30	12:00:00"	14.18	190.4	14.04	21.28	11.1	188.4	17.84	17.1	69.59	71.65	-2.059	22.08	19.5	26.201	832.86	0
"2015-04-30	13:00:00"	14.06	179.6	13.82	24.26	11.03	177.1	17.99	20.09	71.86	74.42	-2.565	20.65	17.89	26.197	943.7	0
"2015-04-30	14:00:00"	12	168.8	21.49	21.28	9.63	165.6	24.39	16.51	73.38	75.93	-2.548	20.07	17.38	26.185	991.12	0
"2015-04-30	15:00:00"	10.46	190.7	25.32	21.87	8.47	189.9	30.04	17.7	75.15	77.64	-2.49	18.6	15.99	26.168	956.97	0
"2015-04-30	16:00:00"	11.01	167.3	27.45	20.68	8.88	165.1	30.13	18.89	76.06	78.33	-2.274	18.07	15.58	26.152	909.48	0
"2015-04-30	17:00:00"	9.19	182.2	31.62	17.1	7.562	179.7	35.61	14.12	76.5	78.59	-2.083	17.07	14.72	26.135	781.32	0
"2015-04-30	18:00:00"	8.35	176.8	30.7	15.31	6.861	176.5	37.15	13.52	76.92	78.5	-1.574	16.59	14.42	26.126	593.75	0
"2015-04-30	19:00:00"	7.979	174.1	28	15.91	6.476	172.2	33.16	14.12	77.01	78.09	-1.075	16.27	14.31	26.127	386.97	0
"2015-04-30	20:00:00"	8.52	169.3	13.19	13.52	6.709	166.1	15.74	11.74	76.54	76.87	-0.321	16.33	14.66	26.127	172.06	0
"2015-04-30	21:00:00"	8.66	154.1	8.17	13.52	6.564	149.6	9.4	10.54	73.27	72.54	0.733	18.47	17.31	26.132	13.832	0
"2015-04-30	22:00:00"	9.79	147.3	10.25	13.52	6.786	143.6	11.3	10.54	69.74	68.49	1.245	20.18	19.48	26.14	0	0
"2015-04-30	23:00:00"	11.08	144.6	7.016	14.12	7.932	142.6	8.12	11.74	66.96	66.07	0.899	21.33	20.37	26.151	0	0
"2015-05-01	00:00:00"	10.14	151.2	8.97	15.91	7.58	147.8	9.59	11.74	64.87	64.11	0.763	22.11	21.08	26.164	0	0
"2015-05-01	01:00:00"	10.32	160.8	9.49	16.51	7.844	157.1	10.98	11.74	62.69	62	0.689	23.08	22.03	26.17	0	0
"2015-05-01	02:00:00"	12.78	170.3	7.733	18.3	9.49	166.5	10.54	14.72	60.28	59.71	0.567	27.71	26.54	26.168	0	0
"2015-05-01	03:00:00"	11.79	180.4	8.44	17.7	8.6	178.4	13.23	13.52	59.03	58.46	0.572	32.36	31.34	26.162	0	0
"2015-05-01	04:00:00"	9.18	181.8	9.36	14.72	6.624	180	14.15	11.14	56.39	55.81	0.584	36.89	35.98	26.159	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-05-01	05:00:00"	8.2	182.8	8.92	12.33	5.798	181.9	13.38	8.75	55.02	54.38	0.642	40.77	39.95	26.165	0	0
"2015-05-01	06:00:00"	6.249	193.9	13.68	10.54	4.349	197.4	17.41	8.16	54.68	53.93	0.748	42.24	41.62	26.174	0	0
"2015-05-01	07:00:00"	7.387	178.9	9.88	15.31	5.242	178.5	13.09	12.93	54.33	53.45	0.872	42.57	42.23	26.18	0.23188	0
"2015-05-01	08:00:00"	10	167.6	10.22	15.91	7.558	165.1	12.32	13.52	54.73	54.3	0.434	43.84	42.94	26.189	51.771	0
"2015-05-01	09:00:00"	11.39	178.9	7.636	18.3	8.54	176.9	11.65	15.91	57.7	58.06	-0.354	43.17	41.3	26.207	241.48	0
"2015-05-01	10:00:00"	13.69	181.2	8.88	19.49	10.39	179	13.66	15.31	63.78	64.83	-1.046	36.54	34.34	26.218	454.11	0
"2015-05-01	11:00:00"	13.4	171.9	10.6	20.09	10.45	168.2	13.96	15.91	68.52	70.13	-1.614	31.4	28.88	26.228	656.82	0
"2015-05-01	12:00:00"	13.21	165.8	15.24	20.09	10.51	163.2	17.85	16.51	73.39	75.28	-1.888	26.48	23.88	26.242	824.14	0
"2015-05-01	13:00:00"	16.21	164.2	15.23	25.45	12.73	161.5	17.17	23.07	77.62	79.88	-2.261	19.87	17.29	26.242	935.98	0
"2015-05-01	14:00:00"	17.53	156.9	18.94	28.43	13.74	154.2	20.57	22.47	79.08	81.6	-2.56	17.69	15.05	26.233	986.02	0
"2015-05-01	15:00:00"	14.92	161.7	19.09	27.24	11.9	159	20.73	23.66	79.55	82	-2.42	17.62	15.04	26.223	952.46	0
"2015-05-01	16:00:00"	13.46	160.4	23.16	24.86	10.69	157.8	25.31	20.68	80.1	82.4	-2.306	17.9	15.35	26.206	902.65	0
"2015-05-01	17:00:00"	13.08	155	21.41	23.07	10.41	152.8	22.78	20.09	80.7	82.9	-2.152	17.81	15.33	26.188	771.67	0
"2015-05-01	18:00:00"	14.04	157	16.89	23.66	11.17	154.6	18.56	18.3	80.7	82.5	-1.75	17.5	15.16	26.177	591.43	0
"2015-05-01	19:00:00"	14.05	150.1	16.29	23.07	11.04	147.7	16.95	18.3	80.4	81.5	-1.109	18.34	16.22	26.174	381.62	0
"2015-05-01	20:00:00"	13.69	147.9	10.23	21.28	10.65	146	11.52	18.3	79.24	79.55	-0.317	19.79	17.99	26.173	170.35	0
"2015-05-01	21:00:00"	10.54	145.8	7.874	16.51	7.809	144	9.1	12.93	75.31	74.81	0.496	23.63	22.25	26.183	15.337	0
"2015-05-01	22:00:00"	10.08	140.6	6.893	14.12	7.052	138	8.55	9.95	70.6	69.69	0.916	26.64	25.76	26.203	0	0
"2015-05-01	23:00:00"	11.64	146.7	7.45	15.31	8.54	144.2	8.64	13.52	68.19	67.47	0.719	27.38	26.39	26.217	0	0
"2015-05-02	00:00:00"	11.37	154.8	10.1	16.51	8.67	151.9	11.19	13.52	66.32	65.76	0.559	27.99	26.89	26.226	0	0
"2015-05-02	01:00:00"	10.93	167.9	8.67	15.91	8.12	163.8	10.08	12.33	62.78	62.17	0.608	31.11	30.18	26.23	0	0
"2015-05-02	02:00:00"	11.8	170.5	7.593	16.51	8.8	166.4	10.1	12.93	61.5	60.89	0.606	33.55	32.6	26.232	0	0
"2015-05-02	03:00:00"	10.49	171.5	7.523	15.31	7.608	167.7	9.8	12.33	60.6	59.97	0.634	36.45	35.61	26.227	0	0
"2015-05-02	04:00:00"	9.17	176.7	8.26	13.52	6.633	171.9	10.94	11.14	58.39	57.77	0.623	40.19	39.36	26.214	0	0
"2015-05-02	05:00:00"	9.02	174.5	9.58	12.93	6.712	170.5	11.5	10.54	57.45	56.88	0.564	44.03	43.1	26.206	0	0
"2015-05-02	06:00:00"	9.37	178.1	9.6	14.12	6.709	175.3	13.66	11.14	56.86	56.26	0.601	47.16	46.42	26.202	0	0
"2015-05-02	07:00:00"	8.79	178.1	9.08	12.93	6.341	174.2	12.47	11.14	56.03	55.48	0.543	49.45	48.76	26.209	0.13875	0
"2015-05-02	08:00:00"	11.02	173.3	7.094	15.31	8.19	169.3	10.57	12.33	56.76	56.51	0.251	51.83	50.74	26.223	55.811	0
"2015-05-02	09:00:00"	14.33	173	7.574	21.87	10.92	169.8	11.06	17.7	59.36	59.56	-0.206	51.06	49.3	26.233	179.84	0
"2015-05-02	10:00:00"	18.71	174.2	7.866	27.24	14.18	170.7	11.13	21.87	63.64	64.53	-0.885	49.14	46.35	26.233	439.15	0
"2015-05-02	11:00:00"	17.18	175.8	9.79	25.45	13.21	172.3	13.23	20.68	66.65	68.21	-1.562	44.92	41.31	26.237	623.42	0
"2015-05-02	12:00:00"	17.74	173.2	10.02	27.24	13.81	169.4	13.35	21.28	69.91	71.97	-2.068	39.48	36	26.236	820.38	0
"2015-05-02	13:00:00"	17.21	170.1	14.86	28.43	13.57	167.2	17.89	23.66	73.1	75.46	-2.36	35	31.53	26.226	926.86	0
"2015-05-02	14:00:00"	18.25	174.3	12.75	28.43	14.12	171.7	15.8	23.07	75.81	78.52	-2.709	31.8	28.19	26.199	977.72	0
"2015-05-02	15:00:00"	17.41	175.2	12.39	27.84	13.6	172.7	15.66	22.47	78.34	81.1	-2.73	27.19	23.81	26.17	948.94	0
"2015-05-02	16:00:00"	16	182.7	15.39	27.24	12.38	181.8	20.43	21.28	80.5	83.1	-2.669	24.29	21.12	26.141	896.84	0
"2015-05-02	17:00:00"	14.89	181.4	13.85	23.66	11.59	179.6	17.99	20.68	82	84.3	-2.288	22.9	19.99	26.111	763.7	0
"2015-05-02	18:00:00"	15.81	176.4	13.01	23.66	12.34	173.3	17.27	19.49	82.7	84.5	-1.756	21.84	19.23	26.09	594.02	0
"2015-05-02	19:00:00"	15.62	171.5	11.33	23.07	12.01	168.4	14.4	18.89	82.8	83.8	-1.082	21.35	19.1	26.083	383.51	0
"2015-05-02	20:00:00"	14.71	169.8	9.66	20.68	11.19	165.7	12.29	17.7	81.6	81.9	-0.26	23.26	21.43	26.079	172.42	0
"2015-05-02	21:00:00"	10.75	162.5	9.71	18.3	8.19	158.3	11.76	15.31	77.5	77.08	0.417	27.68	26.31	26.086	16.476	0
"2015-05-02	22:00:00"	10.64	149	7.5	15.91	7.887	146	8.53	13.52	72.01	71.38	0.635	33.64	32.6	26.102	0	0
"2015-05-02	23:00:00"	11.25	155.2	9.05	18.3	8.76	151.4	10.05	14.12	69.68	69.21	0.469	37.61	36.54	26.121	0	0
"2015-05-03	00:00:00"	9.96	165.6	9.42	15.91	7.537	162	11.65	11.14	66.42	65.91	0.507	43.73	42.66	26.136	0	0
"2015-05-03	01:00:00"	15.27	173.9	6.966	21.28	11.33	170.1	10.1	17.7	66.07	65.61	0.466	44.27	43.24	26.134	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-05-03	02:00:00"	14.53	175.6	6.638	21.87	10.82	171.8	10.26	15.91	64.16	63.75	0.411	46.84	45.78	26.132	0	0
"2015-05-03	03:00:00"	12.78	175.3	6.595	18.3	9.47	171.8	9.92	15.91	62.24	61.81	0.429	50.41	49.5	26.122	0	0
"2015-05-03	04:00:00"	11.62	183.3	9.42	17.7	8.61	182.2	14.05	14.12	60.79	60.44	0.354	52.74	51.78	26.117	0	0
"2015-05-03	05:00:00"	10.18	193.3	9.38	15.31	7.543	194.6	13.02	11.74	59.08	58.79	0.287	55.84	54.85	26.121	0	0
"2015-05-03	06:00:00"	6.922	163.5	15.15	13.52	5.248	157.9	15.91	11.14	58.21	57.91	0.298	57.41	56.5	26.11	0	0
"2015-05-03	07:00:00"	7	132.8	30.42	10.54	5.014	128.1	31.02	9.35	56.99	56.51	0.484	60.31	59.79	26.109	0.18849	0
"2015-05-03	08:00:00"	6.429	70.38	34.61	12.93	4.005	61.69	41.99	9.95	55.15	54.1	1.05	64.19	64.75	26.132	19.681	0
"2015-05-03	09:00:00"	4.894	30.05	40.57	9.35	3.731	29.97	45.41	7.561	56.29	56.12	0.177	64.25	63.88	26.156	166.06	0
"2015-05-03	10:00:00"	7.991	178.2	19.72	15.31	6.3	175.3	21.08	13.52	61.19	62.22	-1.021	58.52	55.77	26.149	375.55	0
"2015-05-03	11:00:00"	9.51	179.6	15.26	14.72	7.559	176	18.88	12.93	66	67.98	-1.981	52.46	48.34	26.147	679.5	0
"2015-05-03	12:00:00"	9.26	170.9	18.07	14.12	7.567	168.1	20.88	13.52	70.64	72.67	-2.027	46.48	42.38	26.151	814.42	0
"2015-05-03	13:00:00"	8.45	166.6	20.53	14.72	6.912	164.1	23.89	12.93	74.64	76.96	-2.322	40.54	36.84	26.144	942.83	0
"2015-05-03	14:00:00"	9.99	180.1	16.84	18.89	8.13	179	20.86	15.91	78.81	81.4	-2.558	33.83	30.4	26.126	980.39	0
"2015-05-03	15:00:00"	10.82	171.8	20.08	17.7	8.84	168.9	22.46	15.31	81.9	84.5	-2.605	28.8	25.57	26.104	933.36	0
"2015-05-03	16:00:00"	11.51	162.2	21.49	19.49	9.25	160.4	23.84	16.51	83.6	86	-2.414	26.1	23.06	26.083	880.76	0
"2015-05-03	17:00:00"	11.99	177.2	19.16	23.07	9.5	175.1	23.24	17.7	84.4	86.4	-2.012	23.23	20.47	26.057	673.73	0
"2015-05-03	18:00:00"	14.56	184.5	10.77	23.07	11.17	182.6	15.1	20.68	82.7	83.5	-0.725	29.39	27.15	26.05	135.44	0
"2015-05-03	19:00:00"	12.29	178.3	8.88	17.7	9.31	174.8	12.6	14.72	81.8	82.1	-0.281	29.6	27.75	26.053	86.833	0
"2015-05-03	20:00:00"	11.24	222.4	62.41	30.22	8.92	221.8	63.9	26.65	76.46	75.89	0.57	37.35	38.05	26.09	10.361	0.13
"2015-05-03	21:00:00"	18.86	194.4	23.71	38.57	14.54	191.3	26.19	33.21	66.02	65.46	0.564	60.92	62.62	26.126	2.379	0.24
"2015-05-03	22:00:00"	16.33	154.7	10.95	33.21	12.61	151.6	11.28	27.24	66.01	65.24	0.771	55.24	57.79	26.125	0	0.01
"2015-05-03	23:00:00"	13.59	145.5	11.48	23.66	10.11	143	11.37	19.49	65.69	64.96	0.734	59.57	61.84	26.114	0	0
"2015-05-04	00:00:00"	13.74	160.1	10.01	23.07	10.79	155.8	11.4	18.89	65.04	64.67	0.373	70.92	71.46	26.107	0	0
"2015-05-04	01:00:00"	12.51	176.8	11.27	21.87	9.2	174	15.15	17.1	64.08	63.59	0.49	73.57	74.4	26.108	0	0
"2015-05-04	02:00:00"	7.801	181.7	19.25	12.93	5.614	179.6	23.02	9.95	63.24	62.72	0.52	75.51	76.45	26.121	0	0
"2015-05-04	03:00:00"	6.486	104.3	49.75	11.14	4.353	95.2	54.04	9.35	60.6	59.81	0.796	80.1	81.8	26.122	0	0
"2015-05-04	04:00:00"	6.909	67.15	16.57	9.95	4.21	61.52	20.02	6.964	59.25	58.05	1.203	82.6	85.3	26.119	0	0
"2015-05-04	05:00:00"	6.85	67.23	10.48	9.95	4.042	62	16.56	6.964	59.05	57.42	1.629	81.4	84.8	26.107	0	0
"2015-05-04	06:00:00"	9.05	80.9	6.184	11.74	5.859	77.56	9.68	8.75	57.76	56.91	0.846	83.8	85.7	26.095	0	0
"2015-05-04	07:00:00"	6.579	112.7	41.51	11.74	4.565	112.2	46.25	8.75	58.79	58.37	0.418	83.5	84.5	26.113	0.25098	0
"2015-05-04	08:00:00"	5.6	98.4	27.64	8.75	3.574	86.8	35.68	6.964	58.3	57.63	0.671	84.5	86.2	26.148	33.838	0
"2015-05-04	09:00:00"	7.969	108.8	19.59	13.52	6.082	107	21.39	11.14	60.54	60.51	0.031	83.8	84	26.173	87.09	0
"2015-05-04	10:00:00"	8.06	173.4	15.4	13.52	6.231	170.1	18.23	11.14	64.33	64.63	-0.302	78.36	78.07	26.193	217.78	0
"2015-05-04	11:00:00"	9.65	146.9	17.31	18.89	7.591	145	16.96	16.51	66.52	66.94	-0.427	75.01	74.73	26.188	324.92	0
"2015-05-04	12:00:00"	13.82	146.7	14.41	21.87	10.87	144.7	14.82	18.89	69.11	70.11	-1.005	69.49	68.65	26.182	591.11	0
"2015-05-04	13:00:00"	15.07	148.3	14.69	23.66	11.92	146.7	15.39	20.09	71.35	72.32	-0.975	63.01	61.99	26.178	575.39	0
"2015-05-04	14:00:00"	15.52	151.9	14.61	26.65	12.14	149.6	15.92	23.07	73.3	74.16	-0.864	56.45	55.12	26.157	446.31	0
"2015-05-04	15:00:00"	19.19	153.8	13.39	30.22	14.98	150.8	14.13	26.05	74.06	74.46	-0.404	52.58	51.5	26.126	301.89	0.01
"2015-05-04	16:00:00"	19.97	155.3	12.44	30.22	15.55	151.9	13.14	26.05	74.99	75.25	-0.255	50.34	50.13	26.1	443.87	0
"2015-05-04	17:00:00"	21.65	159	12.55	35.59	16.93	155.6	13.49	29.63	76.36	77.21	-0.853	47.12	45.19	26.062	674.96	0
"2015-05-04	18:00:00"	22.37	165.7	11.02	33.8	17.27	161.5	12.53	30.22	75.88	76.3	-0.42	49	47.33	26.05	263.18	0
"2015-05-04	19:00:00"	21.07	160.5	12.47	33.8	16.43	156.9	13.67	29.63	73.29	73.38	-0.084	55.74	54.48	26.043	94.637	0
"2015-05-04	20:00:00"	19.22	155.9	9.48	29.63	15.09	152.6	10.68	24.86	71.58	71.51	0.069	60.04	59.05	26.044	23.809	0
"2015-05-04	21:00:00"	15.97	170.3	11.68	29.03	12.14	165.7	13.92	22.47	69.87	69.58	0.297	66.4	66.77	26.07	1.2612	0.02
"2015-05-04	22:00:00"	10.47	186.2	14.83	18.3	7.773	184	20.17	14.72	66.38	65.86	0.516	76.58	78.47	26.079	0.00019	0.06

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-04	23:00:00"	4.612	262	40.22	9.95	3.184	274.6	49.66	8.16	66.33	65.67	0.664	80.1	81.8	26.099	0
"2015-05-05	00:00:00"	9.68	124.2	34.68	16.51	7.226	123.6	35.12	13.52	63.13	63	0.125	84.4	84.7	26.086	0
"2015-05-05	01:00:00"	6.441	47.48	24.13	11.14	4.962	46.64	25.67	8.75	61.21	61.22	-0.004	88.7	88.8	26.091	0
"2015-05-05	02:00:00"	8.25	68.59	16.19	12.93	6.252	69.51	20.76	11.14	61.25	61.28	-0.027	88.4	88.3	26.074	0
"2015-05-05	03:00:00"	8.92	86.5	15.66	17.7	6.729	86.8	17.28	13.52	60.96	61.03	-0.073	89.9	89.6	26.037	0.27529
"2015-05-05	04:00:00"	16.64	137	9.55	25.45	12.56	137.6	11.2	21.28	62.58	62.53	0.056	89.4	89.2	26.027	0.51224
"2015-05-05	05:00:00"	15.64	159.8	12.16	24.86	12.09	160.3	13.97	21.87	62.6	62.62	-0.017	89.3	88.7	26.019	0.54118
"2015-05-05	06:00:00"	9.49	357.2	42.39	20.09	7.101	355	43.49	17.1	56.68	56.7	-0.028	85.4	86	26.057	0.40259
"2015-05-05	07:00:00"	8.08	50.44	56.95	18.89	6.243	49.28	62.13	14.72	54.74	54.87	-0.133	89	88.9	26.056	0.35126
"2015-05-05	08:00:00"	5.678	71.56	25.28	9.95	4.287	72.51	30.09	8.16	54.94	55.02	-0.081	90.3	89.9	26.059	5.5005
"2015-05-05	09:00:00"	5.803	62.43	19.4	9.35	4.366	63.62	21.04	9.35	55.35	55.56	-0.21	90.1	90	26.084	103.37
"2015-05-05	10:00:00"	6.323	44.43	17.11	10.54	5.287	45.84	19.86	9.95	57.21	58.15	-0.946	86.1	85.7	26.096	398.79
"2015-05-05	11:00:00"	5.157	37.62	34.1	9.95	4.236	34.98	41.35	8.75	59.85	61.36	-1.512	80.2	78.07	26.104	655.96
"2015-05-05	12:00:00"	3.34	188.5	48.83	6.964	1.882	182.4	54.58	5.771	64.22	65.12	-0.902	66.9	66.03	26.099	816.85
"2015-05-05	13:00:00"	8.5	222.8	21.54	15.91	6.828	221.6	24.49	13.52	67.47	68.88	-1.414	60.74	59.74	26.096	925.02
"2015-05-05	14:00:00"	11.12	226.5	19.86	19.49	8.84	226.5	23.47	15.91	69.6	70.97	-1.365	58.36	57.11	26.085	853.32
"2015-05-05	15:00:00"	13.02	231.3	18.2	21.28	10.57	231.7	21.27	20.09	71.93	73.19	-1.26	50.63	49.22	26.064	887.22
"2015-05-05	16:00:00"	13.78	218.8	17.17	24.26	11.04	218.1	20.71	19.49	73.95	75.13	-1.174	40.72	39.32	26.041	917.49
"2015-05-05	17:00:00"	15.66	227.8	17.1	28.43	12.52	227.3	20.83	24.86	75.86	76.68	-0.826	27.36	26.33	26.026	722.38
"2015-05-05	18:00:00"	18.5	236.5	15.27	28.43	14.67	237.5	18.39	25.45	76.85	77.45	-0.6	21.97	20.85	26.019	593.7
"2015-05-05	19:00:00"	16.62	238.6	13.42	29.63	13.08	239.5	16.35	25.45	76.42	76.69	-0.274	22.29	21.23	26.021	369.4
"2015-05-05	20:00:00"	14.93	245	10.67	24.86	11.65	245.5	13.76	21.28	75.88	75.75	0.124	23.9	23.07	26.02	173.69
"2015-05-05	21:00:00"	9.25	252.4	8.61	20.09	6.402	254.3	13.09	15.91	72.71	71.8	0.904	30.05	30.48	26.032	18.309
"2015-05-05	22:00:00"	5.072	220.1	21.79	8.16	2.96	211.2	29.71	6.964	69.08	67.63	1.457	36.39	39.33	26.051	0
"2015-05-05	23:00:00"	4.31	238	15.95	6.368	2.021	232	17.85	4.578	68.45	66.74	1.711	36.28	39.92	26.068	0
"2015-05-06	00:00:00"	3.073	238	12.18	5.175	1.059	227	23.13	2.789	69.03	67.21	1.821	33.3	36.42	26.077	0
"2015-05-06	01:00:00"	11.9	169.7	9.22	17.7	8.51	165.1	11.46	12.93	64.01	62.97	1.047	56.42	58.39	26.087	0
"2015-05-06	02:00:00"	12.09	174.4	8.18	17.7	8.71	170.8	11.04	15.31	61.97	61.56	0.412	80.1	80.1	26.088	0
"2015-05-06	03:00:00"	9.51	179.3	9.47	14.72	6.983	177.5	13.81	11.14	61.77	61.52	0.242	88.6	88.3	26.083	0
"2015-05-06	04:00:00"	12.97	191.6	9.97	19.49	9.73	193.6	14.78	15.91	62.4	62.41	-0.012	90.7	90.1	26.075	0
"2015-05-06	05:00:00"	13.78	184.7	8.75	20.09	10.23	184.3	13.62	15.91	62.41	62.5	-0.089	91.3	90.7	26.069	0
"2015-05-06	06:00:00"	14.5	179.8	7.949	22.47	10.83	178.5	12.33	18.3	62.16	62.27	-0.106	91.9	91.4	26.071	0.05837
"2015-05-06	07:00:00"	12.09	188.2	11.32	20.09	9.09	191.6	15.33	14.12	62.18	62.26	-0.078	92.2	91.7	26.08	0.53475
"2015-05-06	08:00:00"	14.47	190.7	10.23	23.66	10.91	195.8	13.6	19.49	62.19	62.29	-0.093	92.3	91.5	26.09	15.457
"2015-05-06	09:00:00"	14.66	187.9	9.61	21.28	11.05	191.7	14.28	17.1	62.78	62.87	-0.091	89.1	87.7	26.1	110.14
"2015-05-06	10:00:00"	15.58	186.2	8.81	24.26	11.74	185.5	14.07	20.09	64.9	65.7	-0.803	81	79.2	26.098	453
"2015-05-06	11:00:00"	13.35	197.4	16.07	21.28	10.3	196.2	19.56	17.7	69.27	70.27	-0.998	62.81	60.98	26.102	663.48
"2015-05-06	12:00:00"	12.84	222.2	19.28	21.87	10.19	221.1	23.15	18.3	73.04	74.04	-1.003	41.67	39.88	26.1	830.28
"2015-05-06	13:00:00"	13.08	239.7	16.96	23.07	10.21	239.5	20.89	20.68	75.96	77.3	-1.342	29.5	28.07	26.094	938.27
"2015-05-06	14:00:00"	12.12	226.6	22.42	20.09	9.7	227.5	26.23	17.7	77.16	78.59	-1.425	25.73	24.27	26.076	986.38
"2015-05-06	15:00:00"	11.62	207.1	25.09	23.66	9.17	206.2	28.93	18.89	78.13	79.76	-1.632	26.02	24.51	26.057	952.58
"2015-05-06	16:00:00"	14.28	192.2	20.36	25.45	11.21	189	23.48	20.68	79.19	80.8	-1.605	24.97	23.36	26.033	906.39
"2015-05-06	17:00:00"	13.95	203.9	18.82	26.05	11.06	203.4	21.69	21.87	80.4	81.7	-1.287	23.36	21.81	26.012	752.49
"2015-05-06	18:00:00"	15.01	192	15.21	24.86	11.39	190.4	18.75	19.49	81	82.2	-1.179	22.6	21.19	25.994	602.71
"2015-05-06	19:00:00"	12.73	195.2	16.44	22.47	9.83	193.9	19.31	19.49	81.2	81.8	-0.601	22.29	21.08	25.981	390.76

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-06	20:00:00"	10.49	180	13.36	19.49	7.927	177.2	16.56	15.91	80.6	80.5	0.094	23.34	22.69	25.969	176.21	0	
"2015-05-06	21:00:00"	6.391	149.4	13.09	9.95	3.837	138.2	17.63	8.16	77.45	75.07	2.378	29.51	33.44	25.971	18.907	0	
"2015-05-06	22:00:00"	11.62	152.7	10.96	20.09	8.68	146	14.13	18.3	72.9	71.35	1.547	50.82	52.71	25.989	0	0	
"2015-05-06	23:00:00"	13.09	164	10.01	20.68	9.91	160.1	12.2	16.51	69.49	69.26	0.222	63.33	62.72	26.013	0	0	
"2015-05-07	00:00:00"	15.97	174.6	6.956	23.66	11.74	170.7	10.43	18.3	68.64	68.35	0.285	67.14	66.69	26.017	0	0	
"2015-05-07	01:00:00"	16.02	170.4	8.02	24.26	12.01	166.7	11.17	18.89	67.74	67.52	0.219	74.24	73.72	26.016	0	0	
"2015-05-07	02:00:00"	14.66	172.8	7.835	22.47	10.93	168.6	10.93	18.3	66.76	66.54	0.221	79.32	78.96	26.015	0	0	
"2015-05-07	03:00:00"	12.8	179.3	7.211	20.09	9.42	175.8	11.3	15.31	65.83	65.66	0.17	83.4	83	26.013	0	0	
"2015-05-07	04:00:00"	8.52	198.9	16.88	15.31	6.451	198.2	19.63	12.93	65.76	65.78	-0.021	84.6	83.9	26.006	0	0	
"2015-05-07	05:00:00"	9.93	183.3	11.21	17.1	7.319	181.4	15.89	12.33	66.26	66.29	-0.037	83.8	83.1	26.005	0	0	
"2015-05-07	06:00:00"	8.48	175.8	11.33	12.33	6.258	171.5	14.84	9.95	66.4	66.44	-0.037	83.5	82.9	26.011	0	0	
"2015-05-07	07:00:00"	8.36	148.9	10.06	12.93	6.421	146.4	10.89	10.54	66.26	66.24	0.014	84.2	83.6	26.009	0.14463	0	
"2015-05-07	08:00:00"	7.186	161.3	12.17	10.54	5.536	158.6	13.87	9.35	66.39	66.42	-0.025	84.8	84.2	26.029	16.142	0	
"2015-05-07	09:00:00"	8.19	159.2	9.96	12.93	6.408	154.9	11.68	10.54	66.99	67.21	-0.222	83.6	82.7	26.043	134.6	0	
"2015-05-07	10:00:00"	9.28	165.8	12.08	13.52	7.33	162.4	14.86	12.33	67.92	68.71	-0.791	80.7	78.89	26.049	342.05	0	
"2015-05-07	11:00:00"	8.43	199.3	18.44	13.52	6.855	198	22.57	11.74	69.66	70.63	-0.973	73.78	71.56	26.051	451.18	0	
"2015-05-07	12:00:00"	7.663	211.7	26.89	12.93	6.316	213.9	33.62	11.74	72.71	74.13	-1.417	63.45	60.78	26.05	808.34	0	
"2015-05-07	13:00:00"	8.83	234.9	27.92	17.7	7.146	234.9	30.79	15.31	75.45	77.19	-1.741	50.8	48	26.044	929.74	0	
"2015-05-07	14:00:00"	11.72	263.1	18.32	22.47	9.01	264.7	20.82	17.7	78.66	80.6	-1.953	32.78	30.88	26.034	979.39	0	
"2015-05-07	15:00:00"	12.95	255.1	21.16	21.87	10.17	257.3	23.57	20.09	80.9	82.6	-1.715	21.83	20.36	26.023	958.33	0	
"2015-05-07	16:00:00"	13.83	239.6	17.69	25.45	11.09	240.9	21.22	20.09	82	83.4	-1.438	19.69	18.15	26.015	909.39	0	
"2015-05-07	17:00:00"	16.8	225.4	20.77	28.43	13.49	225	23.67	24.26	83.2	84.3	-1.045	14.85	13.36	26.004	790.94	0	
"2015-05-07	18:00:00"	16.16	234.8	18.98	29.03	12.75	235	23.22	25.45	83.1	83.9	-0.803	13.36	11.99	25.997	609.45	0	
"2015-05-07	19:00:00"	14.95	241.6	15.36	26.65	11.8	242.7	18.81	23.66	82.9	83.3	-0.387	12.16	10.88	26.003	396.97	0	
"2015-05-07	20:00:00"	10.97	245.3	14.23	20.68	8.37	246.4	17.35	16.51	82	81.9	0.186	13.29	12.27	26.008	178.45	0	
"2015-05-07	21:00:00"	4.69	280.5	23	8.16	3.404	294.7	28.75	7.561	79.72	77.45	2.268	16.19	17.59	26.014	19.572	0	
"2015-05-07	22:00:00"	4.986	53.84	50.34	8.16	3.948	53.67	30.34	5.175	76.88	69.47	7.415	17.65	29.46	26.024	0	0	
"2015-05-07	23:00:00"	6.472	52.64	29.11	7.561	4.443	32.48	29.44	5.771	76.38	66.36	10.02	16.72	32.95	26.036	0	0	
"2015-05-08	00:00:00"	11.05	71.57	22.16	17.7	7.812	68.6	25.31	14.12	63.95	60.7	3.245	64.32	69.34	26.049	0	0	
"2015-05-08	01:00:00"	13.49	91.7	8.16	21.87	10.14	90.3	10.17	18.3	59.09	59.11	-0.021	86.6	85.5	26.054	0	0	
"2015-05-08	02:00:00"	11.65	90.9	8.77	16.51	8.57	88.3	11.06	13.52	58.07	58.01	0.057	88.2	87.4	26.054	0	0	
"2015-05-08	03:00:00"	11.92	82.6	7.597	16.51	8.71	80.8	10.38	13.52	57.58	57.58	-0.007	88.5	87.7	26.059	0	0	
"2015-05-08	04:00:00"	10.95	75.57	7.981	16.51	8.16	74.42	10.32	13.52	57.66	57.82	-0.165	87.3	86.4	26.052	0	0	
"2015-05-08	05:00:00"	9.89	68.47	7.553	14.12	7.449	68.17	10.62	11.74	58.85	59.11	-0.26	84.9	83.7	26.057	0	0	
"2015-05-08	06:00:00"	10.5	76.73	8.78	15.31	7.812	74.46	10.86	12.33	60.58	60.75	-0.172	82.6	81.5	26.062	0	0	
"2015-05-08	07:00:00"	9.37	69.13	8.85	12.93	6.891	68.83	10.94	10.54	61.81	61.91	-0.096	83.6	82.6	26.065	0.27491	0	
"2015-05-08	08:00:00"	7.109	57.21	10.11	10.54	5.384	56.18	12.63	9.35	62.78	62.91	-0.13	85.2	84.4	26.078	39.863	0	
"2015-05-08	09:00:00"	7.387	101.3	16.77	11.74	5.812	100.7	17.58	9.35	65.76	66.07	-0.31	84.6	83.3	26.079	110.16	0	
"2015-05-08	10:00:00"	4.394	115.6	39.23	7.561	3.397	114.7	42.22	6.964	67.79	68.24	-0.444	83.3	81.9	26.082	148.99	0	
"2015-05-08	11:00:00"	6.858	215.7	20.8	13.52	5.522	214.5	24.52	11.74	71.09	72.05	-0.96	76.94	74.67	26.08	501.11	0	
"2015-05-08	12:00:00"	8.08	231	22.8	12.93	6.588	231.3	26.25	11.14	74.29	75.77	-1.48	65.37	62.43	26.08	775.6	0	
"2015-05-08	13:00:00"	8.51	265.7	33.04	15.31	6.43	267.3	35.1	12.33	77.01	78.88	-1.865	50.42	47.51	26.073	919.63	0	
"2015-05-08	14:00:00"	8.78	284.7	23.54	17.7	6.37	285.4	26.54	15.31	79.55	81.7	-2.194	33.46	31.4	26.06	987.03	0	
"2015-05-08	15:00:00"	11.35	250.4	24.57	21.28	8.93	251.6	27.16	17.1	81.7	83.5	-1.789	26.39	24.56	26.044	957.66	0	
"2015-05-08	16:00:00"	11.29	223.3	32.22	21.28	8.96	223.8	36.64	19.49	83.1	84.7	-1.602	23.62	21.91	26.026	907.6	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-08	17:00:00"	13.59	225.5	21.09	24.86	11.01	224	25.24	22.47	84.1	85.3	-1.137	18.86	17.2	26.01	783.62	0	
"2015-05-08	18:00:00"	13.43	216	20.42	23.07	10.74	215	24.03	20.09	84.7	85.6	-0.906	17.03	15.5	25.995	602.81	0	
"2015-05-08	19:00:00"	9.17	231.2	21.48	20.09	7.239	231.7	25.08	15.31	84.6	85.1	-0.509	18.87	17.5	25.984	392.03	0	
"2015-05-08	20:00:00"	4.459	213.5	48.95	10.54	3.575	215.1	53.61	9.95	84.1	83.9	0.189	19.06	18.35	25.973	177.3	0	
"2015-05-08	21:00:00"	4.188	66.15	31.44	6.368	2.931	48.69	34.61	4.578	82.3	78.27	4.055	21.34	29.62	25.968	20.777	0	
"2015-05-08	22:00:00"	11.89	69.57	15.84	26.65	8.15	66.79	20.3	21.28	74.17	70.65	3.519	43.92	49.05	25.982	0	0	
"2015-05-08	23:00:00"	16.33	82.7	8.01	24.26	12.11	81.6	10.4	18.89	67.45	67.41	0.043	75.45	74.26	25.999	0	0	
"2015-05-09	00:00:00"	17.76	87.1	7.415	26.65	13.27	86.2	10.05	21.28	65.16	65.19	-0.03	78.03	76.84	26.002	0	0	
"2015-05-09	01:00:00"	14.45	90.4	7.533	21.28	10.84	89.3	9.83	16.51	63.62	63.73	-0.107	80.9	79.73	26.005	0	0	
"2015-05-09	02:00:00"	13.78	91.9	9.08	21.87	10.58	91.2	11.11	18.3	63.6	63.72	-0.121	82.7	81.5	25.995	0	0	
"2015-05-09	03:00:00"	7.13	71.79	12.01	15.31	5.452	69.76	14.76	12.33	63.47	63.65	-0.177	85.7	84.5	25.984	0	0	
"2015-05-09	04:00:00"	6.431	56.06	32.34	11.14	4.873	54.01	33.49	8.75	63.38	63.51	-0.129	87	85.9	25.973	0	0	
"2015-05-09	05:00:00"	5.71	33.32	33.31	15.31	4.11	32.56	35.8	8.75	63.2	63.2	-0.003	87.7	86.8	25.975	0	0	
"2015-05-09	06:00:00"	4.656	31.43	13.7	6.368	3.132	23.11	21.02	4.578	62.63	60.65	1.983	89.3	89	25.975	0.21299	0	
"2015-05-09	07:00:00"	5.015	24.86	15.79	8.16	3.08	22.42	19.21	4.578	61.22	58.16	3.053	91.1	90.8	25.994	0.80595	0	
"2015-05-09	08:00:00"	4.866	336.3	49.92	10.54	3.019	331.6	39.81	6.368	61.21	57.56	3.652	91.5	91.3	26.022	65.297	0	
"2015-05-09	09:00:00"	9.93	301.9	11.48	17.7	5.842	303.5	12.95	13.52	62.86	62.46	0.394	78.98	81.2	26.041	268.79	0	
"2015-05-09	10:00:00"	13.55	299.2	10.2	21.28	7.946	300.1	12.71	17.1	69.15	69.97	-0.819	39.06	38.28	26.057	485.69	0	
"2015-05-09	11:00:00"	13.71	288.2	15.02	23.07	8.99	289.8	17.07	17.1	71.07	72.55	-1.484	26.53	25.2	26.055	687.05	0	
"2015-05-09	12:00:00"	15.56	260.1	14.81	24.86	11.78	262.8	18.29	19.49	73.34	75.01	-1.675	21.38	19.83	26.05	850.14	0	
"2015-05-09	13:00:00"	15.63	239.5	18.01	28.43	12.48	240.4	21.71	24.26	75.6	77.12	-1.524	19.41	17.68	26.045	956.82	0	
"2015-05-09	14:00:00"	15.13	226.9	21.33	26.65	12.14	226	24.81	23.66	77.34	78.89	-1.547	19.12	17.32	26.024	999.74	0	
"2015-05-09	15:00:00"	22.39	239.9	16.72	36.78	17.48	241	19.51	31.42	80	81.5	-1.505	13.21	11.5	26.005	976.37	0	
"2015-05-09	16:00:00"	22.34	252.2	14.27	35.59	17.29	255.1	17.08	32.61	80.2	81.8	-1.586	10.96	9.39	26.001	922.22	0	
"2015-05-09	17:00:00"	25.12	259.6	11.31	37.98	18.96	262.8	15.29	35	80.2	81.6	-1.449	8.59	7.158	25.995	799.91	0	
"2015-05-09	18:00:00"	24.88	262.9	11.52	37.38	18.77	266.5	14.16	30.82	79.74	80.8	-1.036	8.67	7.225	25.989	618.96	0	
"2015-05-09	19:00:00"	21.57	275.3	11.64	30.82	15.54	277.9	13.17	27.84	78.77	79.44	-0.671	9.8	8.43	25.99	405.66	0	
"2015-05-09	20:00:00"	19.94	284.1	9.65	32.01	13	286.5	12.44	23.66	76.89	76.88	0.002	8.79	7.591	25.995	187.99	0	
"2015-05-09	21:00:00"	14.17	301.3	14.23	26.05	8.23	303.6	15.88	17.7	73.05	72.04	1.01	11.4	10.51	25.995	22.258	0	
"2015-05-09	22:00:00"	5.86	14.68	39.83	11.74	3.857	29.76	50.48	7.561	68.21	65.02	3.19	16.98	18.79	26.009	0	0	
"2015-05-09	23:00:00"	7.404	312.3	5.613	9.95	3.007	317.5	10.1	5.175	65.01	60.32	4.691	20.12	24.78	26.026	0	0	
"2015-05-10	00:00:00"	4.69	307.7	14.71	6.964	1.714	304.5	38.84	3.386	62.58	60.11	2.47	22.74	24.58	26.042	0	0	
"2015-05-10	01:00:00"	3.467	287.9	12.35	6.368	1.709	277.4	47.67	3.982	63.04	61.33	1.704	21.95	22.78	26.057	0	0	
"2015-05-10	02:00:00"	6.674	297.7	13.64	11.74	2.898	300	21.77	5.771	60.85	56.42	4.434	24.25	31.42	26.047	0	0	
"2015-05-10	03:00:00"	10.92	313	4.782	17.7	5.284	315.8	7.957	11.74	56.38	52.53	3.856	29.12	35.6	26.033	0	0	
"2015-05-10	04:00:00"	13.17	316.5	8.66	20.68	7.828	316.5	10.98	15.31	56.77	55.7	1.069	26.96	27.12	26.035	0	0	
"2015-05-10	05:00:00"	8.82	359.1	14.06	12.33	5.302	357	15.23	8.16	55.07	52.94	2.131	28.57	31	26.061	0	0	
"2015-05-10	06:00:00"	12.24	4.172	13.89	19.49	8.57	358.5	16.18	14.72	54.59	53.71	0.879	32.21	32.28	26.072	0	0	
"2015-05-10	07:00:00"	11.18	4.624	13.01	15.31	7.651	358.7	13.45	11.74	51.33	50.26	1.063	39.53	40.04	26.089	0.50634	0	
"2015-05-10	08:00:00"	13.85	3.482	12.02	20.68	10.06	358.9	14.62	17.1	52.2	51.73	0.473	39.96	39.83	26.102	70.843	0	
"2015-05-10	09:00:00"	13.61	2.852	13.28	20.09	10.33	357.3	13.87	17.7	57.33	57.93	-0.59	35.48	34.35	26.116	272.07	0	
"2015-05-10	10:00:00"	15.01	357.3	14.62	21.28	11.5	352	15.63	17.7	61.05	62.47	-1.417	30.63	28.89	26.122	490.52	0	
"2015-05-10	11:00:00"	12.46	343.9	15.95	17.1	9.63	339.9	17.13	15.31	63.66	65.85	-2.188	28.05	26.01	26.123	693.88	0	
"2015-05-10	12:00:00"	6.93	308.8	37.83	14.12	5.335	308.1	38.95	12.93	66.38	68.42	-2.039	24.63	22.71	26.123	860.97	0	
"2015-05-10	13:00:00"	8.04	276.7	33.04	17.1	5.9	278.7	38.52	14.72	69.38	71.46	-2.081	22.02	20.22	26.117	966.64	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR			
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60	
"2015-05-10	14:00:00"	12.93	254.8	17.92	22.47	10.12	257.2	21.05	20.68	71.96	74.26	-2.306	17.98	16.18	26.102	1014.2	0
"2015-05-10	15:00:00"	14.3	259.4	23.45	24.86	10.98	261.6	25.52	22.47	73.12	75.41	-2.287	16.26	14.44	26.092	983.16	0
"2015-05-10	16:00:00"	11.49	253.7	23.18	22.47	9.08	255.6	26.26	20.09	74.57	76.72	-2.152	13.95	12.4	26.087	936.24	0
"2015-05-10	17:00:00"	10.31	247.3	28.28	21.28	8.18	247.3	31.53	18.3	75.28	76.97	-1.694	13.65	12.08	26.079	805.9	0
"2015-05-10	18:00:00"	9.14	235.7	30.53	17.7	7.35	235.9	33.63	14.12	75.8	77.16	-1.363	13.93	12.4	26.074	623.4	0
"2015-05-10	19:00:00"	7.097	204.2	33.16	18.89	5.692	202.2	37.48	14.12	75.96	76.77	-0.806	14.84	13.44	26.072	409.32	0
"2015-05-10	20:00:00"	4.107	150.8	44.65	9.95	3.137	150.7	50.83	8.75	76.05	76.22	-0.169	14.94	14	26.076	192.25	0
"2015-05-10	21:00:00"	7.357	131.2	8.36	9.95	3.972	126.9	10.72	5.771	73.4	70.83	2.575	18.55	20.87	26.091	24.79	0
"2015-05-10	22:00:00"	4.423	90.5	49.42	8.16	3.357	45.47	60.23	5.175	69.24	64.11	5.131	22.19	27.78	26.114	0	0
"2015-05-10	23:00:00"	5.001	56.8	14.27	6.368	3.725	30.41	13.78	5.175	68.52	60.02	8.5	21.91	33.99	26.136	0	0
"2015-05-11	00:00:00"	5.998	108.4	14.76	8.16	2.677	57.13	42.62	4.578	67.57	60.73	6.844	20.62	29.57	26.154	0	0
"2015-05-11	01:00:00"	3.907	179	28.25	9.95	1.912	185	58.8	6.368	66.77	62.58	4.182	21.24	25.82	26.158	0	0
"2015-05-11	02:00:00"	5.68	55.45	52.61	11.74	4.427	38.13	17.86	6.964	64.25	54.9	9.34	24.12	37.67	26.166	0	0
"2015-05-11	03:00:00"	11.6	91.1	9.8	20.09	7.799	87.7	12.22	15.91	57.02	55.75	1.267	48.14	48.4	26.18	0	0
"2015-05-11	04:00:00"	10.41	73.2	8.29	13.52	6.815	70.68	10.59	11.14	53.56	52.92	0.638	68.06	67.76	26.184	0	0
"2015-05-11	05:00:00"	10.29	69.58	7.251	13.52	6.686	67.33	10.52	9.35	51.23	50.65	0.573	74.12	73.99	26.19	0	0
"2015-05-11	06:00:00"	11.73	58.39	8.87	21.28	8.28	57.91	11.05	16.51	49.8	49.38	0.416	76.54	76.37	26.197	0	0
"2015-05-11	07:00:00"	14.5	48.65	9	19.49	11.15	48.64	10.72	17.1	50.12	49.86	0.252	75.6	75.19	26.219	0.82645	0
"2015-05-11	08:00:00"	17.54	45.52	8.13	25.45	13.8	45.34	10.16	21.87	50.69	50.76	-0.074	71.05	70.1	26.248	36.175	0
"2015-05-11	09:00:00"	20.52	59.45	9.22	30.22	15.5	59.89	11.95	25.45	53.08	53.63	-0.554	61.27	59.31	26.277	232.95	0
"2015-05-11	10:00:00"	22	68.01	9.2	29.63	16.33	68.37	12.02	24.26	55.25	56.34	-1.092	55.01	52.06	26.302	468.21	0
"2015-05-11	11:00:00"	20.31	68.86	10.9	29.03	15.37	69.07	13.46	24.26	56.84	58.51	-1.672	51.02	47.33	26.327	653.62	0
"2015-05-11	12:00:00"	16.78	67.77	13.53	25.45	13.06	68.03	15.51	21.87	58.2	60.15	-1.95	48.13	44.09	26.338	628.91	0
"2015-05-11	13:00:00"	15.91	63.1	15.75	24.26	12.47	62.57	17.42	20.68	60.21	62.67	-2.456	46.29	41.74	26.335	797.75	0
"2015-05-11	14:00:00"	13.93	66.93	17.14	23.07	11.14	66.5	18.68	20.09	62.39	65	-2.612	45.66	40.87	26.331	877.59	0
"2015-05-11	15:00:00"	12.45	80.3	16.55	20.68	9.93	79.98	18.72	16.51	64.31	66.73	-2.426	45.14	40.6	26.323	804.73	0
"2015-05-11	16:00:00"	11.75	84.8	18.65	21.87	9.4	84.7	21.37	17.1	65.88	68.22	-2.341	45.23	40.71	26.304	834.47	0
"2015-05-11	17:00:00"	11.6	86.9	16.55	20.68	9.27	85.8	19.64	16.51	66.91	68.95	-2.037	45.44	41.29	26.29	669.06	0
"2015-05-11	18:00:00"	11.92	88.5	18.7	19.49	9.56	88.2	20.84	16.51	67.71	69.44	-1.727	45.42	41.62	26.274	533	0
"2015-05-11	19:00:00"	11.52	82.6	13.12	20.09	8.98	81.8	15.69	15.91	68.23	69.65	-1.425	44.82	41.38	26.264	405.85	0
"2015-05-11	20:00:00"	14.73	90.9	10.91	21.28	11.35	90.2	12.91	17.7	67.6	68.37	-0.775	45.55	42.86	26.279	220.04	0
"2015-05-11	21:00:00"	14.81	94.2	8.31	20.68	11.42	93.5	10	18.89	64.5	64.7	-0.195	50.19	48.21	26.297	30.934	0
"2015-05-11	22:00:00"	12.54	88.2	8.11	17.7	9.42	87.4	10.41	15.31	61.26	61.27	-0.007	55.47	53.92	26.32	0	0
"2015-05-11	23:00:00"	12.26	83.3	8.78	17.7	9.06	82.1	11.06	14.72	59.13	59.05	0.073	59.13	57.83	26.344	0	0
"2015-05-12	00:00:00"	11.85	72.42	8.12	17.1	8.68	72.27	10.88	13.52	57.04	56.95	0.096	62.61	61.5	26.357	0	0
"2015-05-12	01:00:00"	13.99	72.09	7.906	20.68	10.25	72.45	10.88	16.51	56.66	56.72	-0.059	61.27	59.93	26.36	0	0
"2015-05-12	02:00:00"	13.74	76.75	8.5	20.09	10.13	76.65	10.99	17.1	56.2	56.17	0.033	59.25	58.02	26.354	0	0
"2015-05-12	03:00:00"	13.13	86.1	8.27	21.28	9.84	85.2	10.6	17.1	55.81	55.97	-0.16	58.95	57.39	26.358	0	0
"2015-05-12	04:00:00"	15.77	86	7.973	22.47	11.71	84.8	10.69	18.3	55.12	55.27	-0.146	59.77	58.14	26.353	0	0
"2015-05-12	05:00:00"	13.87	78.74	11.8	21.28	10.33	78.68	13.82	18.3	53.65	53.64	0.004	65.68	64.42	26.353	0	0
"2015-05-12	06:00:00"	13.62	68.89	8.28	20.09	10.08	69.73	11.02	15.91	53.68	53.87	-0.192	66.6	65.13	26.36	0	0
"2015-05-12	07:00:00"	17.37	83.8	8.76	27.84	12.98	82.7	11.36	24.26	53.66	53.84	-0.177	67.93	66.63	26.375	0.04391	0.16
"2015-05-12	08:00:00"	16.75	75.14	9.82	24.26	12.24	74.31	11.51	20.68	49.85	50.1	-0.248	84.8	84.3	26.388	1.4072	0.18
"2015-05-12	09:00:00"	13.11	54.73	19.09	20.09	10.07	54.91	20.75	17.1	49.14	49.38	-0.235	84.8	85.3	26.408	43.247	0.07
"2015-05-12	10:00:00"	16.62	80.1	7.798	24.86	12.38	79.03	10.67	20.09	50.46	50.83	-0.367	79.32	80.3	26.421	192.21	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2				AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-12	11:00:00"	15.83	91.7	7.985	21.28	12.22	91.1	10.05	17.7	51.31	51.72	-0.412	83.6	83.5	26.43	113.92	0
"2015-05-12	12:00:00"	14.66	97.6	9.38	20.68	11.47	96.4	11.83	17.1	52.95	53.61	-0.662	83	82.7	26.43	267.54	0
"2015-05-12	13:00:00"	12.29	100	10.37	18.3	9.72	99.1	13.29	15.31	54.26	54.97	-0.708	82.8	82.1	26.43	203.34	0
"2015-05-12	14:00:00"	12.02	91	11.21	18.3	9.36	89.7	13.69	15.91	56.11	56.92	-0.808	81.7	80.9	26.404	291.26	0
"2015-05-12	15:00:00"	12.55	100.7	12.36	17.7	9.96	100.1	14.87	15.91	58.99	60.02	-1.032	77.94	77.07	26.379	454.39	0
"2015-05-12	16:00:00"	12.11	107	15.15	18.3	9.64	106.9	17.08	15.31	60.72	61.64	-0.92	75.39	74.66	26.352	390.06	0
"2015-05-12	17:00:00"	12.89	107.3	13.51	18.89	9.98	106.2	15.95	15.31	64.08	64.73	-0.647	70.83	70.45	26.302	290.45	0
"2015-05-12	18:00:00"	12.35	117.3	11.79	19.49	9.41	117.5	14.52	17.7	65.35	65.58	-0.231	68.71	68.84	26.279	143.25	0
"2015-05-12	19:00:00"	12.5	127	10.71	20.09	9.31	126.4	12.83	17.1	65.65	65.49	0.158	68.42	68.98	26.272	30.318	0
"2015-05-12	20:00:00"	12.89	121.7	17.36	20.09	9.83	120.3	17.75	16.51	65.66	65.48	0.18	67.49	67.89	26.267	46.52	0
"2015-05-12	21:00:00"	13.77	97.7	9.49	22.47	10.53	97.1	11.47	17.1	63.69	63.47	0.219	70.53	70.75	26.264	7.726	0
"2015-05-12	22:00:00"	15.56	107	7.848	22.47	12.11	105.8	10.37	18.3	62.44	62.26	0.176	74.1	74.09	26.295	0	0
"2015-05-12	23:00:00"	16.32	111.4	8.96	24.86	12.41	110.7	11.64	21.28	61.19	61.1	0.093	77.92	77.78	26.305	0	0
"2015-05-13	00:00:00"	14.25	106.7	8.88	20.68	10.95	106.1	11.4	17.1	59.76	59.7	0.062	81.5	81.4	26.294	0	0
"2015-05-13	01:00:00"	14.33	113.2	8.47	20.68	10.9	112.4	11.19	16.51	59	58.97	0.037	83.7	83.5	26.272	0	0
"2015-05-13	02:00:00"	14.46	112.5	8.97	20.68	10.97	112.2	12.04	17.7	58.81	58.79	0.024	84.9	84.8	26.25	0	0.07
"2015-05-13	03:00:00"	13.15	116.1	8.93	23.07	9.87	115.9	11.82	17.7	58.22	58.23	-0.009	88.7	88.6	26.234	0.0578	0.13
"2015-05-13	04:00:00"	10.97	111.5	8.33	16.51	8.44	111.9	11.88	14.12	58.02	58.08	-0.054	90.2	89.9	26.205	0.19545	0.3
"2015-05-13	05:00:00"	11.29	126.8	16.92	18.89	8.54	127.9	18.07	15.91	58.23	58.21	0.024	90.5	90.4	26.175	0.31871	0.34
"2015-05-13	06:00:00"	9.43	129.7	21.45	19.49	7.181	130.3	22.38	15.31	58.78	58.62	0.152	90.2	90.5	26.154	0.34507	0.14
"2015-05-13	07:00:00"	12.05	175.3	10.62	17.1	9.16	176.5	13.98	15.31	59.44	59.31	0.127	90.3	90.4	26.165	0.46738	0.01
"2015-05-13	08:00:00"	12.82	200	12.43	21.28	10	201.6	14.67	17.1	59.73	59.59	0.138	89.7	89.5	26.176	20.982	0
"2015-05-13	09:00:00"	10.44	220.3	16.72	20.68	8.28	220.7	20.14	19.49	59.83	59.83	0.003	88.3	88	26.186	97.278	0
"2015-05-13	10:00:00"	10.24	244.9	11.82	14.12	8.13	248.1	14.88	12.93	60.52	60.97	-0.447	84.9	84.4	26.194	333.82	0
"2015-05-13	11:00:00"	12.18	235.2	15.03	21.87	9.73	236.1	18.32	18.89	63.56	64.32	-0.758	75.09	74.12	26.194	624.4	0
"2015-05-13	12:00:00"	15.48	253.8	17.26	29.03	11.87	256.5	20.37	22.47	65.98	66.7	-0.713	61.42	60.93	26.197	519.6	0
"2015-05-13	13:00:00"	18.53	253	12.68	28.43	14.33	257.5	16.31	24.26	67.57	68.38	-0.807	50.11	49.82	26.188	800.91	0
"2015-05-13	14:00:00"	17.75	250.1	13.21	27.84	13.85	252.4	16.6	23.66	69.04	70	-0.96	46.83	46.33	26.174	784.27	0
"2015-05-13	15:00:00"	19.73	263.3	13.67	29.03	14.86	266.5	16.02	24.86	69.76	70.77	-1.013	44.48	44.01	26.165	654.02	0
"2015-05-13	16:00:00"	17.79	279.6	13.44	27.24	12.44	281.7	15.01	23.07	69.42	70.74	-1.318	50.15	49.43	26.167	751.04	0
"2015-05-13	17:00:00"	15.8	277	13	23.66	11.13	279.2	14.7	20.09	70.46	71.94	-1.479	45.52	44.68	26.16	771.01	0
"2015-05-13	18:00:00"	15.32	267.5	12.87	26.05	11.19	270	15.78	20.68	71.5	72.59	-1.091	41.78	40.89	26.15	602.23	0
"2015-05-13	19:00:00"	13.55	267.8	13.13	21.87	9.72	270.4	16.34	17.7	71.96	72.67	-0.711	41.7	40.97	26.145	402.35	0
"2015-05-13	20:00:00"	12.39	259	12.5	22.47	9.12	263.2	15.7	20.09	72.32	72.3	0.027	39.84	39.5	26.144	193.82	0
"2015-05-13	21:00:00"	6.609	234.2	18.26	12.93	4.727	233	21.78	9.35	70.46	69.81	0.642	45.79	46.21	26.149	25.895	0
"2015-05-13	22:00:00"	5.594	195.9	15.49	8.75	3.503	190.7	17.48	6.368	65.83	64.73	1.103	56.94	59.51	26.167	0	0
"2015-05-13	23:00:00"	7.572	171.9	11.45	12.33	5.019	167.5	13.24	8.75	64.56	63.36	1.204	58.44	61.3	26.186	0	0
"2015-05-14	00:00:00"	8.53	166.1	11.32	12.93	5.741	163.2	14.07	9.95	63.1	62.02	1.085	61.24	63.71	26.201	0	0
"2015-05-14	01:00:00"	8.13	166	12.87	12.33	5.112	163.5	16.35	9.95	61.99	60.91	1.085	62.47	65.08	26.205	0	0
"2015-05-14	02:00:00"	10.41	184.8	11.8	20.09	7.328	186	17.21	15.31	59.76	59.29	0.464	76.3	76.84	26.212	0	0
"2015-05-14	03:00:00"	10.03	185.5	8.83	15.31	7.434	186.6	13.77	13.52	58.65	58.37	0.281	87.1	86.9	26.209	0	0
"2015-05-14	04:00:00"	11.17	191	9.94	17.7	8.45	193.5	13.77	14.72	58.4	58.39	0.011	89.9	89.5	26.206	0	0
"2015-05-14	05:00:00"	14.42	180.7	7.965	21.28	10.76	180.3	12.48	18.3	59.81	59.86	-0.046	91.2	90.6	26.209	0	0
"2015-05-14	06:00:00"	15.16	176.9	7.675	23.07	11.22	175.5	11.99	18.3	60.5	60.46	0.035	90.4	89.8	26.213	0	0
"2015-05-14	07:00:00"	11.14	165.2	10.2	17.1	8.53	163.2	12.16	13.52	60.89	60.83	0.058	89.5	89	26.213	0.60236	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-14	08:00:00"	9.89	153.9	11.33	15.91	7.649	151	11.81	12.93	61.22	61.19	0.032	89.7	89.3	26.224	50.417	0	
"2015-05-14	09:00:00"	9.89	148.7	10.71	15.31	7.672	146.8	11.77	12.93	62.29	62.48	-0.188	87.8	87.1	26.236	189.06	0	
"2015-05-14	10:00:00"	10.38	155.4	11.39	14.72	8.16	152.3	13.23	12.93	63.83	64.45	-0.626	84.4	83.3	26.242	345.8	0	
"2015-05-14	11:00:00"	8.58	166.7	17.96	13.52	6.655	163.6	18.94	10.54	66.3	67.24	-0.946	78.27	76.92	26.244	528.21	0	
"2015-05-14	12:00:00"	7.278	152.6	18.54	12.93	5.778	152.3	21.06	11.14	69.57	70.58	-1.004	70.06	69.02	26.239	699.27	0	
"2015-05-14	13:00:00"	9.07	156.5	18.98	15.91	7.155	153.8	20.39	17.1	72.8	73.79	-0.993	61.25	60.36	26.227	676.63	0	
"2015-05-14	14:00:00"	11.11	158.8	18.39	17.7	8.69	156.6	19.95	15.31	74.51	75.67	-1.164	59.17	57.95	26.204	687.14	0	
"2015-05-14	15:00:00"	13.08	156.3	16.68	20.68	10.22	153	17.84	17.1	75.96	77.12	-1.164	56.32	54.92	26.179	735.26	0	
"2015-05-14	16:00:00"	15.86	172.4	14.85	25.45	12.14	169.2	17.31	20.09	77.73	78.87	-1.147	52.39	50.83	26.153	680.71	0	
"2015-05-14	17:00:00"	14.55	170.9	9.76	24.26	10.91	167.5	12.91	19.49	76.93	77.17	-0.241	52.92	52.41	26.122	185.3	0	
"2015-05-14	18:00:00"	16.8	173.2	20.18	45.73	12.6	170.2	21.65	36.78	69.42	69.15	0.269	69.87	71.09	26.131	25.495	0.08	
"2015-05-14	19:00:00"	11.3	98.5	26.62	23.66	7.196	100.6	30.38	18.89	64.44	61.98	2.462	55.71	69.7	26.129	37.307	0.07	
"2015-05-14	20:00:00"	14.56	146.8	15.32	28.43	10.6	144.2	16.22	23.07	66.49	65.37	1.119	63.13	67.44	26.096	46.2	0	
"2015-05-14	21:00:00"	12.68	145.6	29.83	23.07	9.3	143.1	31.47	18.3	66.3	65.46	0.841	68.14	70.86	26.098	4.5827	0.03	
"2015-05-14	22:00:00"	4.393	130.1	67.64	10.54	3.235	121.5	73.49	8.16	65.65	64.43	1.218	68.11	70.74	26.102	0	0	
"2015-05-14	23:00:00"	7.272	173.4	13.63	12.93	5.22	173.1	18.13	9.35	62.6	62.11	0.489	75.82	77.03	26.123	0	0	
"2015-05-15	00:00:00"	6.747	164.9	15.57	11.14	4.837	162.4	19.61	8.75	61.84	61.19	0.651	72.1	74.14	26.128	0	0	
"2015-05-15	01:00:00"	7.851	185.8	16.93	11.74	5.536	186.4	21.06	9.35	62.59	62.04	0.553	79.64	80.5	26.117	0	0	
"2015-05-15	02:00:00"	7.417	214.1	20.19	12.33	5.559	214.9	21.67	11.14	62.2	61.82	0.375	83.6	84	26.109	0	0	
"2015-05-15	03:00:00"	5.948	213.6	16.87	11.74	4.476	212	20.83	8.75	60.82	60.57	0.252	86.8	86.6	26.099	0	0	
"2015-05-15	04:00:00"	4.401	194.4	21.42	7.561	3.058	190.6	28.27	5.771	60.14	59.79	0.347	89.7	89.4	26.088	0	0	
"2015-05-15	05:00:00"	5.773	167.9	17.47	8.75	4.058	166.7	22.02	6.368	59.63	59.25	0.381	90.2	90	26.093	0.05253	0	
"2015-05-15	06:00:00"	7.662	153.8	14.17	11.74	5.376	150.3	15.09	8.75	59.76	58.87	0.885	82.4	84.3	26.112	0.19525	0	
"2015-05-15	07:00:00"	6.224	154.9	19.39	14.12	4.245	147.6	30.88	10.54	58.67	57.9	0.772	82.2	83.3	26.121	0.64992	0.01	
"2015-05-15	08:00:00"	10.36	159.7	10.84	17.1	7.878	156.9	12.47	12.93	59.24	59.16	0.086	89.8	89.5	26.138	27.308	0	
"2015-05-15	09:00:00"	11.51	174.3	8.97	15.91	8.57	171.9	12.86	13.52	61.98	62.09	-0.116	91	90.6	26.147	226.22	0	
"2015-05-15	10:00:00"	13.18	181.1	9.03	18.3	9.9	178.5	13.86	15.91	65.95	66.41	-0.465	76.32	76.21	26.142	475.36	0	
"2015-05-15	11:00:00"	15.36	188.1	11.05	24.26	11.56	186.8	15.66	20.68	69.41	70.22	-0.808	62.94	62.88	26.14	673.71	0	
"2015-05-15	12:00:00"	15.32	185.3	11.37	23.07	11.7	183.5	15.77	18.3	71.41	72.48	-1.078	55.55	55.38	26.137	832.54	0	
"2015-05-15	13:00:00"	14.1	204.1	16.08	23.07	11.09	203.5	18.95	19.49	73.51	74.65	-1.146	50.45	49.49	26.129	953.8	0	
"2015-05-15	14:00:00"	13.1	208.3	16.72	28.43	10.4	206.9	19.78	21.28	75.42	76.64	-1.224	44.52	43.26	26.11	974.5	0	
"2015-05-15	15:00:00"	14.25	211	17.49	24.26	11.37	209.7	20.03	20.68	77.43	78.54	-1.111	36.85	35.71	26.082	928.17	0	
"2015-05-15	16:00:00"	14.07	212.8	16.92	23.66	11.27	211.1	20.83	20.68	78.43	79.42	-0.987	33.18	32	26.06	859.63	0	
"2015-05-15	17:00:00"	15.91	197.7	16.77	28.43	12.24	196.1	19.32	21.28	79.28	80.2	-0.941	32.03	31.11	26.03	694.6	0	
"2015-05-15	18:00:00"	15.8	191.9	15.14	26.65	12.05	190.2	18.08	24.86	80.2	80.9	-0.706	30.92	30.1	26.004	571.39	0	
"2015-05-15	19:00:00"	16.25	185.4	13.53	23.66	12.27	184.1	17.42	20.09	80.7	81	-0.27	30.52	29.85	25.989	393.92	0	
"2015-05-15	20:00:00"	15.06	155.1	11.29	23.66	11.58	151.7	12.07	19.49	78.81	78.7	0.107	37.87	37.28	25.983	165.89	0	
"2015-05-15	21:00:00"	11.69	146.3	8.08	17.7	8.67	143.5	9.33	13.52	75.15	74.56	0.584	46.13	46.33	25.984	11.122	0	
"2015-05-15	22:00:00"	16.03	141.9	7.694	24.86	12.11	139.4	8.95	20.09	73.26	72.74	0.518	53.28	53.23	25.983	0.00556	0	
"2015-05-15	23:00:00"	14.09	154.2	21.3	35	10.7	151.2	21.53	31.42	70.21	69.5	0.712	65.12	67.23	26.018	0.00211	0.22	
"2015-05-16	00:00:00"	7.168	145.8	49.34	20.09	5.14	140.5	57.8	17.7	64.77	64.16	0.612	78.32	81.6	26.035	0.00029	0.2	
"2015-05-16	01:00:00"	10.98	136.1	16.07	18.3	8.05	133.2	17.22	14.72	65.23	64.64	0.585	80.1	81.9	26.016	0	0	
"2015-05-16	02:00:00"	14.3	162.6	11.26	22.47	10.9	159.1	12.64	17.7	65.77	65.44	0.326	82.1	82.6	25.995	0	0	
"2015-05-16	03:00:00"	13.24	171	7.441	18.89	9.8	167.8	10.47	14.72	65.32	64.89	0.43	81.2	81.9	25.982	0	0	
"2015-05-16	04:00:00"	14.1	176.6	6.693	20.68	10.38	173.4	10.68	15.91	64.55	64.27	0.273	86.6	86.7	25.976	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10				Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-16	05:00:00"	14.91	171.8	7.241	24.86	11.08	169	10.98	20.09	64.99	64.85	0.148	89.2	89	25.97	0	0
"2015-05-16	06:00:00"	16.52	172.1	7.406	23.07	12.49	168.9	11.06	20.68	65.45	65.41	0.037	89.7	89.3	25.971	0	0
"2015-05-16	07:00:00"	16	173.4	7.478	23.07	11.92	171	11.17	18.89	65.36	65.3	0.063	90.1	89.7	25.976	0.54297	0
"2015-05-16	08:00:00"	14.95	185	10.96	22.47	11.19	184.6	15.87	17.7	65.24	65.24	0.004	90.1	89.6	26	21.849	0
"2015-05-16	09:00:00"	11.95	199.4	11.19	18.3	9.13	199	12.99	15.31	65.38	65.47	-0.09	88.6	88.1	26.014	91.578	0
"2015-05-16	10:00:00"	11.42	207.1	16.76	17.1	9	204.7	18.29	15.91	67.08	67.64	-0.559	82.1	81.3	26.018	441.81	0
"2015-05-16	11:00:00"	10.05	219.3	15.25	15.91	8.3	219.4	18.78	14.12	69.75	70.47	-0.722	74.37	73.38	26.015	660.2	0
"2015-05-16	12:00:00"	12.52	246.9	17.57	22.47	9.8	249.2	21.35	20.09	72.52	73.58	-1.052	59.26	58.79	26.013	812.19	0
"2015-05-16	13:00:00"	13.64	264	16.68	23.07	10.21	266.6	19.42	19.49	73.41	74.81	-1.394	46.69	46.48	26.016	925.34	0
"2015-05-16	14:00:00"	15.71	248.3	14.14	26.05	12.24	250.6	17.71	21.87	74.68	75.95	-1.272	39.44	38.78	26.015	972.03	0
"2015-05-16	15:00:00"	18.45	243.5	17.26	34.4	14.3	244.7	21.49	26.65	76.06	77.22	-1.157	35.75	34.78	26.006	943.08	0
"2015-05-16	16:00:00"	27.31	253.2	12.59	43.35	20.76	255.7	16.22	34.4	78.22	79.25	-1.033	26.3	25.3	25.996	911.12	0
"2015-05-16	17:00:00"	30.89	263.7	12.31	49.91	22.92	267.3	15.17	37.98	78.58	79.41	-0.825	19.61	18.72	25.984	788.23	0
"2015-05-16	18:00:00"	31.54	274.1	9.87	47.52	22.57	276.7	12.06	38.57	77.94	78.64	-0.699	17.63	16.92	25.98	615.31	0
"2015-05-16	19:00:00"	30.65	277.5	8.64	43.35	21.52	279.6	11.26	36.78	77.11	77.38	-0.27	16.26	15.69	25.985	407.54	0
"2015-05-16	20:00:00"	23.88	280.3	7.446	35.59	16.07	283	11.23	28.43	75.77	75.44	0.323	16.23	15.94	26.002	193.57	0
"2015-05-16	21:00:00"	15.07	288.8	8.06	27.24	8.98	291.2	10.85	20.09	72.78	71.79	0.99	20.62	20.71	26.017	30.885	0
"2015-05-16	22:00:00"	13.82	298.7	7.099	24.86	7.104	300.8	10.25	15.31	68.49	67.16	1.338	26.24	27.09	26.024	0.01964	0
"2015-05-16	23:00:00"	15.73	303.6	8.38	23.66	8.58	304.5	11.53	17.1	66.96	66	0.964	28.32	28.49	26.046	0	0
"2015-05-17	00:00:00"	13.36	306.5	7.201	21.87	6.999	308	10.5	12.93	63.09	61.95	1.137	32.8	33.68	26.071	0	0
"2015-05-17	01:00:00"	9.65	305.4	5.143	12.93	4.062	308.8	8.85	6.964	61.5	58.01	3.487	33	39.43	26.084	0	0
"2015-05-17	02:00:00"	6.274	290.4	20.3	12.33	3.148	292.4	26.69	8.16	62.68	59.75	2.936	27.56	32.16	26.106	0	0
"2015-05-17	03:00:00"	4.714	325.3	54.08	9.95	2.813	334.9	97.8	5.771	59.84	54.76	5.077	30.69	44.74	26.124	0	0
"2015-05-17	04:00:00"	3.416	281.3	23.12	9.35	1.66	273.5	49.17	4.578	61.23	58.15	3.082	31.18	36.61	26.13	0	0
"2015-05-17	05:00:00"	6.295	311	14.18	9.95	3.02	317.7	28.53	5.771	59.47	53.22	6.251	36.45	52.06	26.141	0	0
"2015-05-17	06:00:00"	3.253	211.9	32.74	6.368	1.594	203.8	63.09	4.578	57.42	54.38	3.042	41.16	51.52	26.163	0	0
"2015-05-17	07:00:00"	3.219	245.7	37.52	5.771	2.049	294.9	66.12	4.578	56.8	52.73	4.064	38.72	53.58	26.174	1.9224	0
"2015-05-17	08:00:00"	5.783	291.8	9.31	8.75	2.572	301.6	17.07	5.771	56.16	52.81	3.347	42.56	57.67	26.183	93.014	0
"2015-05-17	09:00:00"	5.37	285.4	21.14	11.74	3.625	285	20.96	8.75	58.53	58.95	-0.42	45.25	46.29	26.202	291.45	0
"2015-05-17	10:00:00"	8.05	275.6	13.93	12.93	5.936	276.9	16.95	10.54	62.01	63.09	-1.084	39.7	39.61	26.216	524.63	0
"2015-05-17	11:00:00"	6.04	231.2	30.69	12.33	4.911	230.1	32.78	10.54	65.18	66.07	-0.894	35.73	35.48	26.229	615.23	0
"2015-05-17	12:00:00"	7.751	210.3	24.03	14.12	6.282	209.2	26.44	11.74	66.72	67.32	-0.6	35.09	34.71	26.229	434.38	0
"2015-05-17	13:00:00"	9.4	222.9	19.37	17.1	7.724	223.7	23.05	14.72	68.46	69.68	-1.22	33.84	32.95	26.236	921.67	0
"2015-05-17	14:00:00"	12.24	215.2	17.24	22.47	9.91	212.5	19.93	18.3	70.94	71.92	-0.979	29.13	28.07	26.229	789.33	0
"2015-05-17	15:00:00"	13.71	231.4	21.56	27.24	10.87	231.6	25.11	21.87	73.28	74.59	-1.312	26.17	25.06	26.223	953.14	0
"2015-05-17	16:00:00"	15.08	241.3	16.99	26.65	11.87	243	20.13	23.07	74.93	76.3	-1.362	22.49	21.4	26.208	925.53	0
"2015-05-17	17:00:00"	15.23	243.5	19.6	25.45	11.91	246.3	23.05	21.87	76	77.2	-1.196	21.29	20.19	26.19	796.19	0
"2015-05-17	18:00:00"	11.81	217.2	19.93	20.68	9.39	215.9	24.09	18.3	76.64	77.47	-0.827	22.13	21.09	26.184	617.92	0
"2015-05-17	19:00:00"	13.71	208.6	15.54	26.65	10.73	206.7	18.29	20.09	77.54	77.94	-0.399	21.72	20.64	26.179	413.43	0
"2015-05-17	20:00:00"	9.97	208.4	14.69	18.3	7.848	205.4	16.93	15.31	77.53	77.39	0.142	22.68	21.89	26.187	198.94	0
"2015-05-17	21:00:00"	5.789	185.2	14.14	8.16	4.207	181.2	16.76	5.771	74.88	73.75	1.123	28.04	29	26.201	30.652	0
"2015-05-17	22:00:00"	6.267	171.1	10.24	11.14	4.23	166.1	12.13	8.16	71.74	70.17	1.567	31.21	32.99	26.215	0.01849	0
"2015-05-17	23:00:00"	6.034	165.1	13.75	9.95	3.637	159.3	21.71	7.561	69.38	67.42	1.954	35.54	38.52	26.236	0	0
"2015-05-18	00:00:00"	9.17	164.2	9.37	14.12	6.318	161.1	11.16	11.14	68.35	66.71	1.64	33.98	36.08	26.251	0	0
"2015-05-18	01:00:00"	6.177	171.3	12.45	12.33	4.039	171.2	18.66	8.16	65.57	64.03	1.535	38.1	40.55	26.257	0	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-18	02:00:00"	4.287	201.7	17.23	8.16	2.573	209.5	24.89	5.771	65.23	63.83	1.395	38.55	40.59	26.258	0
"2015-05-18	03:00:00"	5.058	198.7	12.41	6.964	2.746	201.9	15.44	4.578	65.06	63.34	1.72	38.18	41.06	26.25	0
"2015-05-18	04:00:00"	6.939	151.8	13.36	11.74	3.96	144.9	18.63	10.54	64.8	62.45	2.347	38.39	42.97	26.245	0
"2015-05-18	05:00:00"	7.993	152	9.61	11.74	5.261	148	10.73	9.35	62.9	61.29	1.605	46.09	48.7	26.254	0
"2015-05-18	06:00:00"	5.568	164.3	10.83	11.14	3.101	160.2	12.89	8.16	61.72	60.45	1.269	62.74	63.69	26.26	0
"2015-05-18	07:00:00"	6.19	155.8	10.19	14.12	3.44	149.7	12.48	9.95	61.3	60.18	1.124	80.3	80.8	26.265	1.7159
"2015-05-18	08:00:00"	9.45	150.2	9.32	14.72	7.101	147.3	9.93	12.33	61.81	61.6	0.2	88.6	88.1	26.285	72.67
"2015-05-18	09:00:00"	9.86	152.5	9.71	15.31	7.684	150.7	11.37	14.12	65.14	65.33	-0.189	84.7	83.9	26.301	264.92
"2015-05-18	10:00:00"	10.26	155.7	12.15	14.72	8.03	152.4	12.61	12.33	67.72	68.49	-0.766	79.37	77.76	26.31	440.23
"2015-05-18	11:00:00"	8.55	158	15.58	13.52	6.817	156.2	17.34	12.33	70.65	71.78	-1.134	71.57	69.57	26.305	684.56
"2015-05-18	12:00:00"	7.375	150.7	23.96	12.93	5.952	150.3	25.15	11.74	74.07	75.37	-1.294	60.82	58.83	26.303	828.71
"2015-05-18	13:00:00"	8.13	135.8	17.94	16.51	6.449	136.5	19.39	14.12	77.15	78.57	-1.417	48.08	46.16	26.299	928.57
"2015-05-18	14:00:00"	12.21	110.4	16.87	20.68	9.38	110.8	19.7	18.89	80.3	81.8	-1.566	37.82	36.04	26.282	946.07
"2015-05-18	15:00:00"	13.97	130.5	15.03	23.66	10.7	130.4	16.13	18.3	82.5	84.2	-1.645	32.21	30.65	26.26	933.74
"2015-05-18	16:00:00"	15.56	129.1	16.98	24.86	11.98	128.1	18.53	21.28	83.8	85.4	-1.536	29.32	27.74	26.239	907.03
"2015-05-18	17:00:00"	16.83	126.9	14.05	27.84	12.7	126.1	15.7	20.68	84.4	85.8	-1.355	29.79	28.24	26.21	736.35
"2015-05-18	18:00:00"	18.96	130.9	11.61	27.84	14.11	130.4	13.23	24.26	83.8	84.5	-0.733	32.73	31.32	26.193	413.82
"2015-05-18	19:00:00"	18.95	131.2	7.99	31.42	13.93	130.5	10.3	24.86	80.8	80.8	0.07	37.62	36.54	26.186	56.177
"2015-05-18	20:00:00"	20.46	128.4	8.41	32.01	14.89	127.9	11	24.26	80	79.8	0.215	37.42	36.44	26.165	49.452
"2015-05-18	21:00:00"	17.57	125.8	8.19	27.24	12.67	125.7	11.32	21.28	78.46	78.18	0.283	45.34	44.35	26.173	11.827
"2015-05-18	22:00:00"	16.17	118.9	11.69	24.86	11.59	119.1	14.11	21.28	77.15	76.83	0.318	48.76	47.86	26.179	0
"2015-05-18	23:00:00"	16.28	134.6	15.49	34.4	12.02	133.5	16.01	27.84	73.24	73.13	0.116	60.6	59.66	26.217	0
"2015-05-19	00:00:00"	12.86	113.5	16.85	24.26	9.39	113.1	18.73	18.89	66.81	66.85	-0.034	74.85	73.94	26.204	0
"2015-05-19	01:00:00"	11.61	116	9.57	21.28	8.18	115.4	12.42	16.51	64.41	64.24	0.173	77.8	77.44	26.192	0
"2015-05-19	02:00:00"	16.63	126.8	7.919	24.26	12	126.7	11.01	19.49	65.19	65.08	0.108	78.37	77.78	26.187	0
"2015-05-19	03:00:00"	20.81	121.7	8.16	32.01	15.2	121.2	11.76	24.86	64.94	65.06	-0.121	80.5	79.36	26.181	0
"2015-05-19	04:00:00"	19.65	122.8	8.17	29.63	14.02	122.7	11.45	22.47	62.74	62.84	-0.097	81.4	80.4	26.169	0
"2015-05-19	05:00:00"	16.73	124.1	7.879	24.26	12.01	123.7	11.29	20.09	62.63	62.72	-0.085	78.68	78.04	26.164	0
"2015-05-19	06:00:00"	15.63	132.9	8.56	24.26	11.57	131.6	10.92	18.89	62.77	62.68	0.082	80.5	80.8	26.157	0
"2015-05-19	07:00:00"	16.85	131	8.38	26.05	12.37	129.9	10.69	18.3	63.09	63.03	0.058	82.4	82.6	26.152	0.09087
"2015-05-19	08:00:00"	13.26	155	31.09	28.43	9.89	153.5	33.22	21.87	63.51	63.45	0.057	84.4	84.4	26.149	6.955
"2015-05-19	09:00:00"	17.44	159	10.8	26.65	13.58	155.6	12.12	23.66	65.38	65.46	-0.079	87	86.4	26.149	54.823
"2015-05-19	10:00:00"	20.36	177.2	11.48	33.21	15.23	174.7	16.17	26.65	67.56	67.71	-0.152	85.6	84.9	26.154	133.2
"2015-05-19	11:00:00"	23.42	180.4	7.761	33.21	17.44	177.1	12.59	26.05	71.06	71.47	-0.413	77.2	76.96	26.151	558.4
"2015-05-19	12:00:00"	18.28	192	12.52	32.01	14.02	191.6	16.85	23.66	73.4	74.32	-0.916	69.8	68.48	26.152	703.54
"2015-05-19	13:00:00"	12.35	204.2	19.27	21.87	9.8	202	22.5	18.89	76.78	78.05	-1.271	56.46	54.79	26.15	913.24
"2015-05-19	14:00:00"	11.08	221.7	22.12	20.68	8.82	221.9	26.66	16.51	79.21	80.5	-1.307	44.88	43.26	26.138	997.69
"2015-05-19	15:00:00"	11.18	225.2	21.18	18.89	9.09	224.9	25.13	18.3	80.9	82.2	-1.295	38.28	36.81	26.128	934.88
"2015-05-19	16:00:00"	12.84	226.5	18.86	22.47	10.41	226.5	22.97	18.89	82.5	83.5	-1.056	30.26	28.95	26.11	918.14
"2015-05-19	17:00:00"	14.6	228.2	20.6	24.26	11.59	227	24.34	22.47	83.6	84.5	-0.896	26.96	25.64	26.083	767.34
"2015-05-19	18:00:00"	12.04	214.9	17.64	21.87	9.67	213.6	19.93	18.89	83.8	84.5	-0.705	27.59	26.34	26.073	621.28
"2015-05-19	19:00:00"	12.36	212	17.24	24.86	9.79	210.7	19.53	18.89	84.4	84.7	-0.307	23.75	22.65	26.055	409.35
"2015-05-19	20:00:00"	10.12	252	13.99	17.7	7.749	253.3	17.98	15.31	84	83.7	0.298	23.69	23.03	26.053	196.78
"2015-05-19	21:00:00"	4.806	182.3	15.82	8.16	3.321	170.8	21.6	6.368	81	79.64	1.405	30.42	31.87	26.062	31.974
"2015-05-19	22:00:00"	8.36	161.9	10.71	15.91	6.183	154.1	14.03	14.72	75.43	74.63	0.798	49.07	49.01	26.081	0.02884

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10			Wspd2			AT10	AT2	DeltaT	RH10	RH2	BP	SR		
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-19	23:00:00"	7.385	161.7	13.31	11.74	5.329	160.2	17.11	9.95	72.09	71.56	0.531	71.47	71.27	26.099	0
"2015-05-20	00:00:00"	3.925	210.7	17.83	7.561	2.395	211.6	19.08	6.368	70.32	69.85	0.464	77	76.84	26.116	0
"2015-05-20	01:00:00"	6.158	199.7	13.12	9.35	4.406	198.8	14.77	7.561	69.08	68.62	0.456	82.5	82.4	26.125	0
"2015-05-20	02:00:00"	6.918	197.6	10.8	9.95	5.064	197.9	12.53	8.16	67.63	67.29	0.336	87	86.7	26.128	0
"2015-05-20	03:00:00"	6.315	189.4	8.96	9.95	4.47	190.7	12.85	7.561	66.29	66	0.284	90.3	89.8	26.13	0
"2015-05-20	04:00:00"	8.24	176	7.231	12.33	6.077	173.5	10.34	9.95	66.83	66.65	0.177	89.4	89.2	26.123	0.04179
"2015-05-20	05:00:00"	7.654	168.3	7.734	11.74	5.668	165.6	10.52	8.16	67.23	67.06	0.171	89.6	89.2	26.121	0.04284
"2015-05-20	06:00:00"	7.505	186.4	9.51	12.33	5.481	187.9	14.37	9.35	67.73	67.48	0.253	89.5	89.4	26.13	0.18671
"2015-05-20	07:00:00"	8.77	355.4	47.3	17.1	6.428	350	46.76	13.52	66.72	66.57	0.157	89	89	26.157	0.64643
"2015-05-20	08:00:00"	12.77	23.71	8.71	17.1	9.83	23.03	14.83	16.51	62.36	62.45	-0.092	88.4	88.1	26.187	43.401
"2015-05-20	09:00:00"	15.85	27.19	7.641	22.47	12.05	26.74	13.06	20.09	60.63	61.13	-0.5	90	88.7	26.211	99.758
"2015-05-20	10:00:00"	15.92	28.9	7.818	22.47	12.32	29.57	12.52	19.49	58.83	59.63	-0.795	90.5	88.3	26.238	142.12
"2015-05-20	11:00:00"	19.12	27.92	8.37	26.65	14.6	27.73	13.61	22.47	57.2	58.12	-0.918	89.4	86.9	26.266	169.8
"2015-05-20	12:00:00"	18.89	28.66	9.35	26.05	14.43	28.8	14.09	24.26	56.95	58.44	-1.489	86.4	82.8	26.279	333.93
"2015-05-20	13:00:00"	19.59	34.77	9.69	26.05	15.48	34.89	13.5	24.26	58.19	60.1	-1.917	80.5	76.26	26.287	526.52
"2015-05-20	14:00:00"	20.75	35.89	9.56	29.03	16.61	36.07	13.05	24.86	59.1	61.5	-2.395	77.1	72	26.282	724.85
"2015-05-20	15:00:00"	18.94	37.25	13.06	26.65	15.08	37.07	16.05	23.07	60.09	62.45	-2.362	74.29	69.28	26.28	641.81
"2015-05-20	16:00:00"	18.04	39.59	11.38	27.84	14.52	40.4	13.38	23.66	61.42	63.67	-2.251	71.2	66.47	26.274	627.71
"2015-05-20	17:00:00"	18.31	48.74	11.45	26.65	14.5	49.11	13.78	22.47	61.99	63.78	-1.79	69.56	65.57	26.266	434.62
"2015-05-20	18:00:00"	18.78	52.89	10.87	26.05	14.78	53.17	13.08	22.47	61.79	63.34	-1.556	69.86	66.2	26.25	397.59
"2015-05-20	19:00:00"	18.53	48.11	11.2	25.45	14.58	48.54	13.1	23.07	60.94	62.07	-1.137	70.47	67.32	26.251	223.98
"2015-05-20	20:00:00"	19.17	49.68	9.47	26.05	15.11	49.89	11.18	22.47	59.09	59.86	-0.775	72.38	69.79	26.256	102.52
"2015-05-20	21:00:00"	18.26	60.38	9.51	26.65	13.81	61.06	12.35	21.87	56.82	57.32	-0.509	77.03	74.88	26.274	15.702
"2015-05-20	22:00:00"	18.95	67.23	8.85	29.03	13.92	68.1	11.84	22.47	54.7	55.11	-0.409	82.2	80.3	26.29	0.0024
"2015-05-20	23:00:00"	16.53	62.29	8.7	24.86	12.53	63.09	11.38	20.68	53.32	53.73	-0.406	86.7	85.1	26.317	0.03116
"2015-05-21	00:00:00"	14.28	57.09	9.2	20.68	11.02	57.83	12.17	17.7	52.7	53.05	-0.352	89.1	88	26.343	0.33388
"2015-05-21	01:00:00"	16.15	60.64	8.38	23.66	12.16	61.77	11.45	19.49	52.27	52.53	-0.263	89.7	88.9	26.337	0.34521
"2015-05-21	02:00:00"	15.31	64.04	9.03	23.66	11.56	64.84	11.63	21.28	51.8	52.03	-0.237	89.9	89.1	26.35	0.34522
"2015-05-21	03:00:00"	15.57	60.84	8.7	23.07	11.72	62.17	11.65	20.09	51.57	51.81	-0.242	90	89.3	26.338	0.34523
"2015-05-21	04:00:00"	15.13	62.71	8.93	21.28	11.4	63.98	11.78	17.7	51.35	51.55	-0.206	89.7	89	26.332	0.34523
"2015-05-21	05:00:00"	17.11	63	8.59	25.45	12.77	64.06	11.62	20.09	50.65	50.87	-0.216	89.6	88.8	26.329	0.34523
"2015-05-21	06:00:00"	15.23	63.28	8.6	24.26	11.32	64.86	11.52	20.09	50.32	50.56	-0.235	90.1	89.4	26.337	0.34523
"2015-05-21	07:00:00"	15.74	62.53	8.45	25.45	11.85	63.89	11.4	20.09	49.68	49.88	-0.207	89.6	89	26.346	0.63427
"2015-05-21	08:00:00"	15.5	62.63	8.57	23.66	11.55	64.64	11.2	18.3	48.93	49.18	-0.255	89.6	89.1	26.368	7.7761
"2015-05-21	09:00:00"	16.42	68.66	9.2	26.05	12.18	70.22	11.86	19.49	48.74	48.99	-0.248	89.3	88.8	26.383	35.831
"2015-05-21	10:00:00"	17.24	62.55	8.98	25.45	13	64.43	12.04	21.28	48.61	49.02	-0.403	89.1	88.7	26.376	120.42
"2015-05-21	11:00:00"	17.46	66.14	9.4	24.26	13.08	67.28	12.1	20.09	48.22	48.73	-0.507	89.3	88.6	26.379	138.95
"2015-05-21	12:00:00"	16.35	72.97	9.13	22.47	12.3	73.34	11.82	18.3	48.11	48.65	-0.544	89.8	88.8	26.381	147.2
"2015-05-21	13:00:00"	15.74	73.7	9.3	23.66	11.71	74.63	12.08	18.89	48.49	49.22	-0.735	89.5	88.1	26.376	200.9
"2015-05-21	14:00:00"	14.67	76.53	10.03	20.68	11.01	77.47	12.66	17.1	48.84	49.58	-0.74	88.7	86.8	26.376	136.67
"2015-05-21	15:00:00"	14.67	81.3	8.96	20.09	11.05	80.8	11.57	17.1	49.4	50.08	-0.678	87.7	85.9	26.366	109.69
"2015-05-21	16:00:00"	13.19	83.9	10.11	18.89	9.93	82.9	12.72	15.31	49.98	50.49	-0.51	86.8	85.6	26.347	71.807
"2015-05-21	17:00:00"	10.04	84.9	8.64	15.31	7.623	84.2	11.23	12.33	50.51	50.93	-0.418	87.8	87.8	26.335	86.127
"2015-05-21	18:00:00"	11.23	80.9	8.67	17.1	8.44	80.5	11.66	14.12	51.34	51.71	-0.372	88.5	88.5	26.305	81.578
"2015-05-21	19:00:00"	10.54	89.2	8.06	18.89	8.1	89.1	10.51	16.51	51.79	52.08	-0.29	88.4	88.4	26.297	46.267

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-21	20:00:00"	11.99	90.4	8.76	17.1	9.15	90.5	11.85	14.72	51.46	51.71	-0.251	89.2	88.9	26.272	28.279	0	
"2015-05-21	21:00:00"	11.32	97.9	8.15	18.89	8.83	98.7	10.41	15.31	51.41	51.59	-0.181	89.6	89.3	26.272	3.5795	0.01	
"2015-05-21	22:00:00"	11.37	93	8.77	18.89	8.76	93.6	11.08	17.1	51.48	51.64	-0.162	90.1	89.6	26.268	0.34522	0.01	
"2015-05-21	23:00:00"	11.45	99.6	8.94	18.3	8.84	100.5	11.47	15.31	52.01	52.13	-0.121	90.3	89.8	26.278	0.34521	0	
"2015-05-22	00:00:00"	6.459	98.9	10.58	11.74	5.082	99.5	13.59	9.95	52.41	52.55	-0.142	90.4	90	26.295	0.34518	0.04	
"2015-05-22	01:00:00"	4.805	339.5	38.03	8.75	3.545	340.2	38.51	6.964	52.81	52.96	-0.146	90.7	90.3	26.313	0.34852	0.04	
"2015-05-22	02:00:00"	5.518	27.7	35.49	11.74	4.408	26.37	37.82	10.54	52.9	53.04	-0.134	90.7	90.4	26.301	0.48544	0.06	
"2015-05-22	03:00:00"	8.31	73.18	14.66	15.91	6.335	74.02	16.15	12.93	52.94	53.04	-0.094	90.7	90.3	26.269	0.57058	0.04	
"2015-05-22	04:00:00"	4.978	65.96	11.66	8.16	3.9	65.74	14.11	6.368	53.31	53.41	-0.1	90.5	90.2	26.254	0.73387	0	
"2015-05-22	05:00:00"	3.927	36.77	23.82	6.368	3.272	37.12	25.44	5.771	53.59	53.73	-0.144	90.7	90.4	26.257	0.69139	0.01	
"2015-05-22	06:00:00"	6.034	33.49	8.47	9.35	4.807	33.96	11.78	7.561	53.85	53.97	-0.123	90.8	90.5	26.258	0.81256	0	
"2015-05-22	07:00:00"	6.51	59.32	13.69	11.74	5.129	60.13	15.32	9.35	53.99	54.09	-0.105	90.9	90.6	26.257	1.3577	0.01	
"2015-05-22	08:00:00"	8.85	83	7.461	12.93	6.648	82.2	10.63	10.54	54.43	54.56	-0.129	90.9	90.6	26.264	22.313	0	
"2015-05-22	09:00:00"	8.15	90.6	9.43	11.74	6.33	91	12.29	9.95	55.13	55.37	-0.237	90.8	90.5	26.271	70.906	0	
"2015-05-22	10:00:00"	5.215	102.8	11.68	10.54	4.231	104.8	14.9	8.75	56	56.31	-0.303	90.6	90.4	26.276	110.66	0	
"2015-05-22	11:00:00"	3.525	96.9	23.5	6.368	3.062	99.9	25.71	5.771	57.12	57.45	-0.328	90.1	89.8	26.278	147.37	0	
"2015-05-22	12:00:00"	3.274	81.5	25.5	6.368	2.894	82.4	26.47	5.771	58.12	58.54	-0.417	89.2	88.7	26.284	158.86	0	
"2015-05-22	13:00:00"	4.909	80.7	22.04	8.16	4.144	79.57	24.32	7.561	59.11	59.68	-0.571	88.3	87.6	26.282	166.45	0	
"2015-05-22	14:00:00"	6.246	94.3	16.67	10.54	5.142	93.5	19.67	8.75	60.2	60.76	-0.558	87.3	86.7	26.272	188.17	0	
"2015-05-22	15:00:00"	6.949	95	19.47	11.74	5.659	93.7	21.59	9.95	61.71	62.53	-0.822	85.6	84.6	26.255	320.31	0	
"2015-05-22	16:00:00"	7.497	90.3	16.17	12.33	6.09	89.8	18.95	11.14	63.18	64.12	-0.936	83.7	82.6	26.234	337.52	0	
"2015-05-22	17:00:00"	9.84	107	16.69	15.31	7.949	106	19.15	14.12	66.05	67.03	-0.98	79.14	78.37	26.214	481.55	0	
"2015-05-22	18:00:00"	10.47	106.7	13.24	18.3	8.36	105.9	15.89	14.12	67.49	68.33	-0.84	75.49	74.74	26.188	461.8	0	
"2015-05-22	19:00:00"	13.02	104.6	11.45	18.3	10.02	104.3	13.67	15.31	68.94	69.54	-0.603	74.94	74.23	26.165	340.62	0	
"2015-05-22	20:00:00"	14.23	96.5	9	20.68	11.01	95.2	11.08	17.7	68.48	68.6	-0.117	79.27	78.78	26.156	131.39	0	
"2015-05-22	21:00:00"	14.1	87.6	7.969	21.87	10.35	86.7	10.62	18.3	65.97	65.91	0.062	86.5	86.2	26.161	12.141	0	
"2015-05-22	22:00:00"	13.8	93.8	8.56	19.49	10.49	93.1	11.09	16.51	65.23	65.29	-0.055	90.1	89.5	26.158	0.01648	0	
"2015-05-22	23:00:00"	13.21	106.4	13.85	19.49	10.13	106.8	15.44	15.31	65.48	65.41	0.072	90	89.7	26.163	0	0	
"2015-05-23	00:00:00"	15.94	149.4	9.66	27.84	12.11	146.7	10.74	23.66	68.09	67.77	0.318	80.5	80.7	26.177	0	0	
"2015-05-23	01:00:00"	14.17	139.2	8.53	23.66	10.67	137.7	9.66	18.3	67.42	67.18	0.246	80.7	80.9	26.173	0	0	
"2015-05-23	02:00:00"	12.94	140.5	8.6	20.09	9.62	139	10.39	17.1	67.28	67.07	0.212	82.5	82.6	26.169	0	0	
"2015-05-23	03:00:00"	12.41	159.8	14.44	24.26	9.43	156.1	15.73	20.68	67.1	66.91	0.188	84.9	84.9	26.154	0.00019	0	
"2015-05-23	04:00:00"	16.41	151.1	11.13	26.05	12.54	148.1	12.15	20.09	66.94	66.69	0.252	86	85.9	26.139	0	0	
"2015-05-23	05:00:00"	15.65	148.3	9.2	22.47	11.87	146.7	10.54	17.7	65.86	65.58	0.28	88.1	88	26.124	0	0	
"2015-05-23	06:00:00"	12.98	151	8.35	19.49	9.94	149.1	10	16.51	65.14	64.83	0.305	88.6	88.6	26.124	0.00853	0	
"2015-05-23	07:00:00"	10.42	150.4	8.81	15.31	7.838	148.3	10.09	12.33	64.41	63.95	0.466	87.3	87.6	26.124	0.88709	0	
"2015-05-23	08:00:00"	10.17	155.2	9.1	14.72	7.725	151.4	9.99	11.74	64.27	63.9	0.369	84.4	84.8	26.138	56.156	0	
"2015-05-23	09:00:00"	11.53	157.6	10.03	19.49	8.99	153.8	11.5	16.51	65.85	65.85	0.009	81.8	81.8	26.152	174.31	0	
"2015-05-23	10:00:00"	13.28	167.6	10.25	20.09	10.05	163.7	12.9	16.51	67.68	67.75	-0.071	76.12	76.16	26.162	237.91	0	
"2015-05-23	11:00:00"	14.74	181.3	9.55	21.28	11.01	178.7	14.17	17.1	69.23	69.33	-0.102	69.81	69.93	26.163	278.31	0	
"2015-05-23	12:00:00"	14.39	187.9	9.96	19.49	10.76	187.2	14.71	17.7	70.84	71.21	-0.366	66.76	66.58	26.158	433.44	0	
"2015-05-23	13:00:00"	12.6	188.1	13.79	20.68	9.79	185.9	18.25	17.1	73.92	75	-1.077	56.66	55.94	26.143	824.16	0	
"2015-05-23	14:00:00"	10.34	203.4	21.9	17.7	8.25	202.3	26.4	15.91	76.99	78.45	-1.456	45.93	44.56	26.127	995.19	0	
"2015-05-23	15:00:00"	11.16	204.4	19.93	19.49	9.01	203.4	24.44	17.1	78.49	79.47	-0.973	42.05	40.71	26.1	622.1	0	
"2015-05-23	16:00:00"	9.2	166.4	15.73	20.68	7.114	162.8	16.7	17.7	75.92	76.03	-0.102	48.34	48.28	26.068	157.59	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-23	17:00:00"	14.09	149.2	19.62	20.68	10.57	146.9	19.3	17.1	69.08	69.18	-0.098	49.24	48.76	26.038	47.869	0	
"2015-05-23	18:00:00"	13.83	160	12.07	25.45	10.67	156	13.3	21.28	70.15	70.76	-0.612	52.57	51.34	26.035	341.06	0	
"2015-05-23	19:00:00"	17.63	137.2	11.54	33.21	13.23	135.6	12.79	27.24	65.7	65.84	-0.14	63.97	63	26.033	21.454	0	
"2015-05-23	20:00:00"	8.14	178.2	33.6	23.66	6.185	179.3	34.95	19.49	65.37	65.29	0.081	61.11	60.86	26.038	43.683	0	
"2015-05-23	21:00:00"	7.371	158.2	17.78	14.72	5.503	155.2	19	12.33	63.56	63.41	0.148	64.49	64.43	26.043	19.215	0	
"2015-05-23	22:00:00"	4.75	170.8	23.31	9.35	2.996	168.1	26.22	6.964	61.22	60.62	0.601	70.53	71.95	26.052	0.05042	0	
"2015-05-23	23:00:00"	6.349	149.7	11.88	9.35	4.214	146.7	13.31	6.964	59.46	58.68	0.78	71.43	73.44	26.074	0	0	
"2015-05-24	00:00:00"	7.359	141.7	11.51	11.74	4.587	137.8	14.64	8.16	58.79	57.83	0.959	72.48	74.88	26.09	0	0	
"2015-05-24	01:00:00"	6.967	147.9	15.18	10.54	4.299	143	16.51	7.561	58.42	57.68	0.739	76.35	77.85	26.077	0	0	
"2015-05-24	02:00:00"	8.22	159.8	10.8	13.52	5.818	157.4	12.5	11.14	58.03	57.56	0.47	79.57	80.2	26.071	0	0	
"2015-05-24	03:00:00"	7.609	142.9	13.19	14.12	5.247	140.2	14.49	11.74	57.54	57.09	0.452	82.8	83.6	26.063	0	0	
"2015-05-24	04:00:00"	7.881	194.2	45.94	12.93	5.849	194.4	49.14	9.95	57.96	57.74	0.227	84.7	84.8	26.081	0	0	
"2015-05-24	05:00:00"	7.643	244.3	14.57	12.33	5.683	247.7	18.03	9.95	58.39	58.08	0.314	83.7	84	26.082	0	0	
"2015-05-24	06:00:00"	5.992	238.4	17.02	8.75	4.217	239.2	21.79	6.964	58.4	57.76	0.641	82.9	83.7	26.073	0	0	
"2015-05-24	07:00:00"	5.22	221.3	20.88	8.75	3.514	220.3	28.15	6.368	57.51	56.63	0.879	80.4	81.8	26.062	0.91573	0	
"2015-05-24	08:00:00"	7.031	182.4	11.01	12.33	5.056	178.6	16.23	9.95	56.05	55.43	0.619	80.3	81.6	26.071	65.661	0	
"2015-05-24	09:00:00"	8.44	182.7	8.36	12.33	6.429	179.3	12.37	9.35	58.21	58.63	-0.414	81.3	80.8	26.086	289.63	0	
"2015-05-24	10:00:00"	7.342	226.7	22.53	14.72	5.896	226.8	25.06	13.52	64.95	65.53	-0.579	60.5	59.83	26.091	502.52	0	
"2015-05-24	11:00:00"	15.78	263.9	11.36	24.26	11.73	267.5	14.16	20.68	70.85	71.63	-0.785	27.9	27.74	26.09	703.72	0	
"2015-05-24	12:00:00"	18.01	277.8	12.36	27.84	12.58	279.7	14.7	23.07	73.47	74.74	-1.267	21.62	21.31	26.087	864	0	
"2015-05-24	13:00:00"	17.81	268.2	13.33	29.63	13.04	270.2	16.65	24.26	75.16	76.69	-1.523	18.72	18.18	26.08	967.1	0	
"2015-05-24	14:00:00"	16.72	257.9	21.43	30.22	12.68	260.3	23.58	26.65	76.66	78.18	-1.525	17.33	16.6	26.069	1008.5	0	
"2015-05-24	15:00:00"	15.13	238.9	18.63	25.45	12.08	239.8	22.34	23.07	78.13	79.46	-1.325	16.36	15.41	26.057	979.92	0	
"2015-05-24	16:00:00"	13.42	245.3	18.47	25.45	10.59	245.5	22.44	21.87	78.62	80	-1.392	15.59	14.82	26.043	936.18	0	
"2015-05-24	17:00:00"	14.54	241.8	20.98	26.05	11.27	242.5	25.02	22.47	79.53	80.7	-1.195	14.39	13.54	26.027	812.4	0	
"2015-05-24	18:00:00"	15.62	226.6	17.74	27.24	12.64	225.8	20.33	23.07	80.3	81	-0.683	12.71	11.54	26.014	639.74	0	
"2015-05-24	19:00:00"	14.79	217.1	15.91	25.45	12.1	213.7	19.23	22.47	80.2	80.5	-0.298	13.29	12.05	26.009	431.86	0	
"2015-05-24	20:00:00"	12.74	218.9	15.33	21.87	10.2	217.4	19.06	19.49	79.46	79.39	0.068	14.86	13.68	26.006	215.44	0	
"2015-05-24	21:00:00"	8.41	193.4	10.31	14.12	6.043	194	12.48	10.54	75.43	74.45	0.981	21.31	21.27	26.016	37.484	0	
"2015-05-24	22:00:00"	8.17	177.2	10.8	12.93	5.798	171.9	12.36	9.35	72.22	70.75	1.472	24.21	24.94	26.028	0.04877	0	
"2015-05-24	23:00:00"	9.04	163.6	9.13	12.93	6.445	158.1	11.39	10.54	70.14	68.67	1.466	27.48	28.3	26.043	0	0	
"2015-05-25	00:00:00"	8.82	167.9	9.03	15.31	6.063	164.9	11.7	11.74	68.75	67.24	1.51	29.4	30.36	26.053	0	0	
"2015-05-25	01:00:00"	5.716	179.2	19.04	9.95	3.7	185.6	24.79	7.561	66.36	64.83	1.526	33.79	34.94	26.049	0	0	
"2015-05-25	02:00:00"	5.54	171.3	15.98	9.95	3.593	173.9	20.26	6.964	64.12	62.82	1.299	41.79	42.56	26.045	0	0	
"2015-05-25	03:00:00"	6.145	204.1	13	9.95	4.39	206.2	14.21	8.16	62.9	62.1	0.802	52.77	52.54	26.053	0	0	
"2015-05-25	04:00:00"	5.249	210.5	15.72	9.35	2.548	211.5	22.93	7.561	62.26	61.4	0.854	62.76	63.18	26.051	0	0	
"2015-05-25	05:00:00"	6.737	241.8	28.49	13.52	4.425	243.9	33.75	11.74	63.47	62.95	0.521	62.38	62.53	26.055	0	0	
"2015-05-25	06:00:00"	10.6	295.6	18.31	18.3	6.452	299.2	20.29	14.72	64.72	63.96	0.759	62.57	63.64	26.062	0	0	
"2015-05-25	07:00:00"	11.34	285.9	25.46	34.4	7.401	289.9	26.14	23.07	66.48	65.15	1.335	49.53	52.38	26.061	0.0001	0	
"2015-05-25	08:00:00"	9.56	5.017	23.91	17.1	6.27	2.621	25.22	12.33	65.3	63.97	1.338	38.25	40.49	26.044	2.2714	0	
"2015-05-25	09:00:00"	5.638	54.43	61	15.31	3.523	24.48	83	12.33	62.04	60.48	1.554	50.94	55.83	26.071	39.8	0	
"2015-05-25	10:00:00"	11.4	109.2	14.61	19.49	8.91	109.1	16.66	15.91	62.74	63.46	-0.729	58.86	57.9	26.087	479.51	0	
"2015-05-25	11:00:00"	10.3	97.6	20.11	18.89	8.12	96.5	22.44	17.1	64.03	65.37	-1.341	55.79	53.51	26.109	679.68	0	
"2015-05-25	12:00:00"	7.556	140.4	25.89	15.31	6.163	137.6	27.56	14.12	66.13	67.61	-1.477	51.8	49.5	26.128	839.35	0	
"2015-05-25	13:00:00"	9.24	131.9	19.42	14.72	7.393	131.1	22.36	13.52	68.46	70.37	-1.902	48.38	45.63	26.131	942.27	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower Data	Time	Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	Rain 60
		Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	
"2015-05-25	14:00:00"	7.639	154.2	33.19	15.31	6.196	152.8	37.64	12.93	70.93	72.53	-1.601	41.11	38.99	26.125	986.74	0
"2015-05-25	15:00:00"	8.35	202	35.67	16.51	6.709	201.5	38.32	14.12	73.33	75.11	-1.777	34.95	33.18	26.112	959.1	0
"2015-05-25	16:00:00"	8.03	199.6	31.57	20.09	6.484	197.9	36.76	18.89	75.14	76.71	-1.571	32.59	30.94	26.09	918.23	0
"2015-05-25	17:00:00"	9.6	223.1	34.15	20.09	7.655	223.8	38.02	17.7	77.42	78.91	-1.491	27.31	25.86	26.073	796.64	0
"2015-05-25	18:00:00"	9.14	214.9	28.31	17.1	7.425	214.7	32.21	15.91	78.38	79.54	-1.159	25.33	24.01	26.058	627.3	0
"2015-05-25	19:00:00"	8.68	221.1	20.8	15.31	6.965	219.7	24.81	15.31	79.4	79.97	-0.572	22.84	21.72	26.035	422.79	0
"2015-05-25	20:00:00"	10.27	224.5	19.87	18.3	8.23	224.6	21.92	16.51	80.2	80.2	0.019	19.01	17.89	26.025	211.61	0
"2015-05-25	21:00:00"	6.521	152.6	27.64	9.35	4.279	146.9	28.11	8.16	75.92	74.66	1.264	31.24	31.99	26.047	38.684	0
"2015-05-25	22:00:00"	7.992	123.2	13.29	11.14	4.554	112.7	18.05	7.561	70.1	67.75	2.357	42.64	46.17	26.067	0.05576	0
"2015-05-25	23:00:00"	5.727	165.1	13.54	9.95	3.759	152.5	27.74	7.561	70.55	68.73	1.823	37.19	39.51	26.083	0	0
"2015-05-26	00:00:00"	5.885	173.4	13.29	8.75	3.951	161.9	21.74	6.368	68.52	66.71	1.809	37.71	40.19	26.101	0	0
"2015-05-26	01:00:00"	6.982	234	32.96	12.33	4.877	232.7	36.75	10.54	66.6	65.41	1.187	37.59	38.63	26.104	0	0
"2015-05-26	02:00:00"	11.35	315.4	14.95	17.1	6.428	316.8	15.2	12.93	63.71	61.96	1.755	41.38	43.35	26.117	0	0
"2015-05-26	03:00:00"	8.49	317.8	16.13	12.93	4.076	320.5	22.55	9.95	62	58.65	3.351	49.35	55.11	26.121	0	0
"2015-05-26	04:00:00"	8.61	324.8	16.66	11.74	3.768	324.2	21.88	6.368	59.78	55.61	4.17	54.89	63.49	26.125	0	0
"2015-05-26	05:00:00"	7.801	326.7	10.82	10.54	3.084	328.9	16.89	5.771	58.71	54.51	4.196	57.58	66.61	26.136	0	0
"2015-05-26	06:00:00"	7.265	349.7	7.98	9.35	3.783	359.5	16.14	5.175	60.68	53.06	7.618	52.73	69.95	26.151	0	0
"2015-05-26	07:00:00"	5.832	70.18	80.2	9.95	2.891	58.2	77.99	6.368	61.48	54.79	6.687	48.81	64.53	26.174	2.3082	0
"2015-05-26	08:00:00"	3.016	237.4	55.68	5.771	1.481	257.7	59.83	5.175	59.17	56.64	2.537	56.06	63.11	26.193	94.643	0
"2015-05-26	09:00:00"	2.872	211.2	26.35	3.982	1	214	32.62	1	62.14	62.34	-0.201	54.22	54.01	26.203	288.5	0
"2015-05-26	10:00:00"	3.155	245.8	34.02	6.368	1.91	243.7	40.04	5.175	67.35	67.96	-0.612	43.25	42.35	26.212	496.3	0
"2015-05-26	11:00:00"	5.139	306.2	38.28	9.95	3.646	307	40.81	8.16	72.06	73.38	-1.327	35.65	34.34	26.213	689.4	0
"2015-05-26	12:00:00"	5.239	231.1	55.76	12.33	4.226	228.1	58.76	9.95	74.47	75.78	-1.309	33.16	31.81	26.217	844.4	0
"2015-05-26	13:00:00"	8.71	212	26.75	16.51	7.037	211.3	30.92	12.93	76.89	78.57	-1.674	31.38	29.73	26.218	949.34	0
"2015-05-26	14:00:00"	10.8	213.2	23.28	21.28	8.72	213.3	27.41	18.3	78.73	80.4	-1.718	29.3	27.45	26.208	996.33	0
"2015-05-26	15:00:00"	10.92	207.4	28.23	20.68	8.59	205.7	31.75	16.51	80.3	82.2	-1.908	26.05	24.29	26.194	918	0
"2015-05-26	16:00:00"	10.75	235.9	31.06	20.68	8.55	237.4	34.73	18.3	81.8	83.6	-1.804	22.76	21.19	26.181	877.37	0
"2015-05-26	17:00:00"	11.53	246	23.92	23.07	9.03	245.9	27.21	20.68	83.1	84.3	-1.18	20.92	19.55	26.169	673.4	0
"2015-05-26	18:00:00"	9.88	241.7	23.27	18.89	7.834	243.3	26.69	18.89	83.3	84.2	-0.888	20	18.8	26.159	501.16	0
"2015-05-26	19:00:00"	5.263	204	31.69	11.14	4.373	203.6	34.9	9.95	82.5	82.7	-0.171	20.53	19.65	26.148	228.49	0
"2015-05-26	20:00:00"	2.84	61.79	67.68	4.578	2.504	58.1	65.92	4.578	82.3	82.2	0.089	21.02	20.81	26.144	191.91	0
"2015-05-26	21:00:00"	4.472	51.13	25.11	8.16	2.943	51.93	26.34	5.175	80.4	77.41	3.002	23.34	29.88	26.148	39.381	0
"2015-05-26	22:00:00"	8.91	102.1	3.156	10.54	4.59	86.1	7.967	5.771	78.24	70.11	8.13	24.55	36.87	26.16	0.05997	0
"2015-05-26	23:00:00"	9.88	107.7	5.36	12.33	4.59	93.2	9.1	6.964	73.8	66.66	7.135	30.68	41.59	26.175	0	0
"2015-05-27	00:00:00"	10.56	121.6	8.15	14.12	5.646	114.5	14.47	9.35	71.43	67.26	4.166	33.92	39.38	26.187	0	0
"2015-05-27	01:00:00"	11.26	149.6	13.78	18.3	7.934	146.6	15.12	14.12	70.31	69.14	1.17	46.63	46.79	26.191	0	0
"2015-05-27	02:00:00"	8.65	170.1	8.5	12.93	6.094	167	11.18	9.35	67.38	66.91	0.473	73.23	72.62	26.194	0	0
"2015-05-27	03:00:00"	8.55	183	12.07	12.93	5.899	182	17.8	9.95	66.86	66.39	0.469	84.2	83.9	26.192	0	0
"2015-05-27	04:00:00"	9.55	185.8	9.24	14.72	6.995	185.7	13.11	11.74	67.31	66.93	0.379	87	86.8	26.198	0	0
"2015-05-27	05:00:00"	7.134	195.9	12.97	12.93	5.282	196.3	14.64	9.95	66.98	66.69	0.29	88.5	88.2	26.202	0	0
"2015-05-27	06:00:00"	5.313	190.6	9.51	7.561	3.61	194.8	12.21	5.771	66	65.53	0.467	90.7	90.2	26.21	0.26196	0
"2015-05-27	07:00:00"	3.464	144.3	44.14	5.175	1.975	122.9	68.37	3.982	64.65	63.25	1.396	91.9	91.3	26.219	2.323	0
"2015-05-27	08:00:00"	5.891	113.3	20.21	12.93	4.202	102.6	34.69	11.14	64.43	63.94	0.493	92.5	92.2	26.237	30.089	0
"2015-05-27	09:00:00"	10.07	114.9	14.59	15.91	7.728	116	16.62	14.72	66.41	66.62	-0.207	92.5	92.4	26.259	140.39	0
"2015-05-27	10:00:00"	12.78	143.7	11.38	18.89	9.87	141.9	12.84	14.72	69.53	70.35	-0.822	83	84	26.269	355.04	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-27	11:00:00"	12.17	167.6	12.87	18.89	9.42	163.8	15.4	14.12	72.13	73.16	-1.035	72.9	70.46	26.267	439.73	0
"2015-05-27	12:00:00"	11.97	165.4	16.69	21.28	9.49	162.6	18.43	16.51	74.77	76.57	-1.796	66.97	63.34	26.258	809.31	0
"2015-05-27	13:00:00"	12.23	172.4	14.64	20.09	9.6	169.6	18.02	15.91	78.07	80.3	-2.214	60.34	56.2	26.246	932.55	0
"2015-05-27	14:00:00"	11.18	174.1	17.8	18.3	8.82	172	20.94	15.31	81	83.2	-2.265	53.83	49.81	26.233	976.1	0
"2015-05-27	15:00:00"	11.44	169.1	18.88	20.68	9.1	168.3	21.96	17.1	83.4	85.5	-2.123	45.03	41.66	26.213	932.31	0
"2015-05-27	16:00:00"	12.39	152.7	18.9	20.68	9.88	150.1	20.59	18.3	85.2	87.1	-1.813	39.32	36.68	26.192	817.88	0
"2015-05-27	17:00:00"	14.05	149	17.28	24.86	10.87	146.8	18.94	21.28	86.2	87.9	-1.718	35.56	33.3	26.174	742.53	0
"2015-05-27	18:00:00"	13.94	144	16.39	24.26	10.78	141.4	16.81	20.09	86.4	87.4	-0.999	35.05	33.22	26.15	417.33	0
"2015-05-27	19:00:00"	16.11	139.4	11.29	26.05	12.31	137.8	12.76	19.49	85.5	86.1	-0.58	38.14	36.45	26.132	277.36	0
"2015-05-27	20:00:00"	14.87	146.2	12.4	26.65	11.32	143.8	13.39	22.47	82.4	82.4	-0.02	43.56	42.04	26.139	18.48	0
"2015-05-27	21:00:00"	21.32	163.8	24.01	50.5	15.78	161.1	26.09	36.78	79.08	78.02	1.056	34.26	35.35	26.15	3.5627	0
"2015-05-27	22:00:00"	13.58	128.3	12.95	22.47	9.67	127.4	14.5	17.7	75.66	74.67	0.993	33.24	33.48	26.169	0.07148	0
"2015-05-27	23:00:00"	14.3	121.5	11.24	21.28	10.18	121.5	13.24	18.3	74.74	73.93	0.811	35.49	35.02	26.178	0	0
"2015-05-28	00:00:00"	12.69	157.6	10.37	20.09	9.77	153.9	11.18	15.91	72.51	72.1	0.41	47.39	46.65	26.184	0	0
"2015-05-28	01:00:00"	13.76	174.7	6.743	21.28	9.94	170.6	10.19	17.1	71.96	71.49	0.473	67.77	67.2	26.176	0	0
"2015-05-28	02:00:00"	9.36	194.5	13.29	15.31	6.778	194.1	15.2	12.93	70.22	69.78	0.443	76.04	75.89	26.165	0	0
"2015-05-28	03:00:00"	11.22	200.1	10.7	18.89	8.45	198.5	11.87	16.51	68.52	68.17	0.345	78.2	77.96	26.17	0	0
"2015-05-28	04:00:00"	8.69	212.1	13.13	13.52	6.657	207.4	15.93	11.14	67.32	67.05	0.269	82.2	81.8	26.174	0	0
"2015-05-28	05:00:00"	5.86	145.7	64.65	12.93	4.251	138.9	66.38	9.95	66.42	66.18	0.239	85	84.7	26.191	0	0
"2015-05-28	06:00:00"	4.98	76.08	11.6	8.16	3.548	73.43	12.33	7.561	66.55	66.59	-0.038	85.6	84.9	26.198	0	0
"2015-05-28	07:00:00"	9.63	130.5	22.07	16.51	7.048	129.2	23.43	13.52	68.23	68.22	0.006	82.9	82.2	26.209	0.43123	0
"2015-05-28	08:00:00"	10.58	125.6	17.83	16.51	7.928	124.4	18.64	12.93	68.66	68.75	-0.092	82.7	81.8	26.214	22.377	0
"2015-05-28	09:00:00"	8.87	107	14.41	14.12	6.807	106.2	16.21	11.14	68.67	68.93	-0.258	83.2	82	26.213	60.527	0
"2015-05-28	10:00:00"	13.83	144	9.42	20.68	10.56	142.2	11.18	18.89	70.53	70.83	-0.307	79.31	78	26.219	113.17	0
"2015-05-28	11:00:00"	15.04	153.9	10.77	23.66	11.75	150.4	12.43	20.68	71.69	72.25	-0.555	75.99	74.19	26.218	243.55	0
"2015-05-28	12:00:00"	15.37	159.7	16.43	23.07	11.78	156.4	17.59	18.89	73.92	75.16	-1.245	70.71	67.78	26.221	524.3	0
"2015-05-28	13:00:00"	13.97	170.3	12.12	21.28	10.76	166.3	15.14	18.89	74.71	75.53	-0.815	67.75	65.57	26.209	251.41	0.01
"2015-05-28	14:00:00"	8.49	184.9	57.32	19.49	6.361	181.9	58.16	18.89	71.91	71.53	0.38	78.56	80.2	26.182	72.948	0.07
"2015-05-28	15:00:00"	9.39	182.6	41.46	21.28	7.05	179.7	45.46	17.1	73.13	72.69	0.432	76.77	78.48	26.148	112.46	0.01
"2015-05-28	16:00:00"	11.57	190.7	16.91	17.7	8.67	189.5	20.24	14.72	74.79	74.79	-0.005	73.11	73.72	26.139	229.41	0
"2015-05-28	17:00:00"	7.105	124.3	46.63	13.52	4.848	119.4	48.52	11.74	73.9	73.52	0.376	74.34	75.96	26.117	59.545	0
"2015-05-28	18:00:00"	8.54	131.4	18.43	17.7	5.785	130.6	17.82	15.91	73.65	73.05	0.6	74.15	76.13	26.112	37.819	0
"2015-05-28	19:00:00"	12.85	112.1	53.64	27.84	9.4	110.5	55.24	23.07	73.5	72.77	0.729	61.85	63.51	26.07	41.545	0
"2015-05-28	20:00:00"	16.62	71.62	15.26	28.43	12.42	71.55	16.18	24.86	65.5	65.34	0.157	76.45	76.41	26.078	38.25	0
"2015-05-28	21:00:00"	15.57	48.5	10.72	25.45	11.94	48.57	12.94	22.47	64.03	63.79	0.231	78.33	78.62	26.121	22.737	0
"2015-05-28	22:00:00"	17.38	69.55	9.07	27.24	12.75	69.73	11.84	21.28	60.61	60.54	0.073	83.6	83.2	26.132	0.13275	0
"2015-05-28	23:00:00"	16.51	68.34	28.48	31.42	12.38	67.4	29.6	23.07	59.76	59.63	0.123	82.5	82.6	26.166	0	0
"2015-05-29	00:00:00"	16.01	72.39	11.29	24.86	11.71	71.65	13.03	22.47	60.81	60.54	0.272	77.01	77.2	26.177	0	0
"2015-05-29	01:00:00"	11.31	103.2	31.52	17.1	8.17	102.2	33.22	14.12	60.09	59.75	0.336	79.21	79.72	26.157	0	0
"2015-05-29	02:00:00"	7.235	122.9	25.74	12.93	5.119	120.3	29.63	9.35	59.42	58.95	0.473	81.1	82	26.156	0	0
"2015-05-29	03:00:00"	6.409	180.7	23.2	9.35	4.681	180.3	24.99	7.561	58.76	58.32	0.442	82.8	83.6	26.145	0	0
"2015-05-29	04:00:00"	6.351	219.1	18.99	10.54	4.706	218.8	22.3	8.75	57.85	57.48	0.363	85	85.3	26.138	0	0
"2015-05-29	05:00:00"	6.765	203.5	61.47	23.66	4.997	202.4	63.2	20.09	58.3	57.69	0.609	82	83.2	26.14	0	0
"2015-05-29	06:00:00"	7.416	53.07	48.57	14.72	5.171	48.76	58.7	10.54	59.15	57.63	1.516	77.62	81.1	26.165	0	0
"2015-05-29	07:00:00"	7.168	22.48	13.94	11.14	4.249	16.14	21.95	8.16	56.36	54.62	1.731	81.4	84.9	26.171	1.2492	0

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2		AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-29	08:00:00"	8.5	42.71	17.49	12.33	5.88	43.01	20.68	10.54	56.41	55.91	0.494	81.9	83.5	26.173	85.843	0	
"2015-05-29	09:00:00"	10.22	42.9	9.76	16.51	8.26	43.39	12.27	15.31	60.48	61.03	-0.553	77.2	76.59	26.187	283.59	0	
"2015-05-29	10:00:00"	8.86	60.25	14.82	14.72	7.158	61.44	17.33	13.52	64.25	65.38	-1.122	69.98	68.42	26.211	485.57	0	
"2015-05-29	11:00:00"	6.84	70.66	26.15	12.33	5.614	69.52	28.53	10.54	68	69.41	-1.401	63.48	61.49	26.21	677.53	0	
"2015-05-29	12:00:00"	7.05	68.25	33.38	12.33	5.791	69.13	34.36	10.54	70.56	72.28	-1.715	60.47	57.81	26.199	834.93	0	
"2015-05-29	13:00:00"	4.903	59.19	53.15	9.95	4.156	60.15	60.02	8.75	73.55	75.3	-1.755	55.26	52.38	26.197	936.07	0	
"2015-05-29	14:00:00"	5.915	52.54	51.78	12.93	5.019	52.38	60.18	11.14	76.5	78.55	-2.055	50.33	47.08	26.194	975.63	0	
"2015-05-29	15:00:00"	6.569	71.43	42.7	14.12	5.505	73.69	48.1	13.52	79.25	81.3	-2.018	45.57	42.32	26.179	949.35	0	
"2015-05-29	16:00:00"	6.771	68.69	41.59	15.91	5.614	68.53	43.97	12.93	81.1	83.1	-2.036	43.44	40.21	26.168	901.61	0	
"2015-05-29	17:00:00"	8.24	82.7	29.75	18.89	6.681	82.5	33.34	14.72	82.3	84.2	-1.88	41.24	38.33	26.154	782.82	0	
"2015-05-29	18:00:00"	10.81	98.6	19.76	20.09	8.53	98.8	21.81	15.91	82.7	84.3	-1.587	43.36	40.33	26.144	591.9	0	
"2015-05-29	19:00:00"	11.97	113	17.22	19.49	9.29	112.3	19.71	15.91	82.1	83.4	-1.277	43.78	41.1	26.145	411.66	0	
"2015-05-29	20:00:00"	12.52	112	11.53	18.89	9.6	111.5	14.4	15.31	81	81.5	-0.564	45.97	43.97	26.145	204.45	0	
"2015-05-29	21:00:00"	12.16	117.5	7.704	18.89	8.91	117	11.36	14.72	78.2	78.02	0.18	51.75	50.7	26.148	38.586	0	
"2015-05-29	22:00:00"	8.07	81.2	27.89	11.14	5.385	78.32	29.54	9.35	73.62	72.88	0.742	62.22	62.49	26.175	0.08967	0	
"2015-05-29	23:00:00"	9.31	57.31	11.2	14.72	6.602	56.91	13.55	11.74	71.09	70.74	0.352	71.91	71.64	26.213	0	0	
"2015-05-30	00:00:00"	12.93	43.59	20.23	19.49	9.74	43.34	22.53	16.51	71.39	71.19	0.201	66.67	66.02	26.24	0	0	
"2015-05-30	01:00:00"	8.85	74.66	17	14.72	6.153	74.49	20.22	11.14	69.06	68.55	0.514	61.56	61.92	26.217	0	0	
"2015-05-30	02:00:00"	12.37	102.5	9.68	20.09	9.25	101.5	12.15	17.1	64.35	64.35	0.006	66.09	65.13	26.244	0	0	
"2015-05-30	03:00:00"	9.91	82.5	16.85	15.31	7.12	79.35	17.98	12.93	60.77	60.72	0.054	68.98	68.35	26.254	0	0	
"2015-05-30	04:00:00"	12.35	48.3	14.11	18.3	9.6	48.19	15.45	15.91	59.64	59.77	-0.125	75.68	74.65	26.272	0	0	
"2015-05-30	05:00:00"	16.06	9.25	19.52	26.65	12.03	7.029	23.19	24.86	61.25	61.18	0.076	71.33	70.89	26.308	0.00105	0	
"2015-05-30	06:00:00"	12.27	344	15.3	18.3	8.8	341.4	16.54	15.31	59.9	59.34	0.555	76.1	78.18	26.365	0.09183	0.06	
"2015-05-30	07:00:00"	13.61	42.19	18.98	19.49	10.01	42.75	21.52	15.91	59.36	58.79	0.571	76.86	79.67	26.373	0.10285	0.12	
"2015-05-30	08:00:00"	18.07	91.5	16.02	29.63	13.22	90.7	17.31	22.47	59.41	58.9	0.508	76.13	78.37	26.333	1.8578	0.02	
"2015-05-30	09:00:00"	14.82	56.86	88.4	27.24	10.21	57	88.1	21.87	60.92	60.38	0.539	71.5	73.63	26.33	35.631	0	
"2015-05-30	10:00:00"	9.9	9.85	20.31	18.89	7.393	8.34	23.07	15.31	61.87	61.71	0.154	73.05	74.88	26.379	148.99	0	
"2015-05-30	11:00:00"	13.38	37.66	9.81	18.89	10.54	38.3	12.7	15.91	63.63	64.75	-1.126	72.46	72.06	26.377	536.57	0	
"2015-05-30	12:00:00"	13.54	39.16	11.29	18.3	10.92	39.52	14.57	17.1	65.26	67.18	-1.916	71.25	69.65	26.375	818.08	0	
"2015-05-30	13:00:00"	11.99	37.79	13.99	20.09	9.66	37.62	17.8	17.1	66.91	68.98	-2.067	66.34	64.54	26.37	802.21	0	
"2015-05-30	14:00:00"	10.51	38.99	17.13	17.7	8.5	38.56	21.26	16.51	68.19	70.12	-1.934	63.11	61.08	26.372	668.85	0	
"2015-05-30	15:00:00"	10.17	48.03	21.53	17.1	8.15	47.52	24.24	14.72	69.6	71.27	-1.673	59.98	57.99	26.365	603.92	0	
"2015-05-30	16:00:00"	10.47	67.48	18.93	17.1	8.33	68.3	21	14.72	70.87	72.34	-1.468	57.4	55.32	26.353	475.71	0	
"2015-05-30	17:00:00"	10.05	84.8	20.74	16.51	7.958	85	22.75	14.12	71.91	73.16	-1.249	54.59	52.76	26.342	509.39	0	
"2015-05-30	18:00:00"	10.71	86.7	16.69	16.51	8.4	85.5	19.29	14.12	72.55	73.88	-1.326	53.53	51.31	26.328	449.29	0	
"2015-05-30	19:00:00"	11.63	80.5	14.2	19.49	8.96	80	15.64	16.51	72.57	73.43	-0.858	53.92	52.23	26.313	319.3	0	
"2015-05-30	20:00:00"	13.18	88.9	12.34	19.49	10.09	88.5	14.52	17.1	71.17	71.69	-0.518	62	60.45	26.311	188.21	0	
"2015-05-30	21:00:00"	10.27	89.7	7.616	15.91	7.693	89	9.62	12.33	68.3	68.23	0.067	69.94	69.46	26.319	28.179	0	
"2015-05-30	22:00:00"	8.15	94.2	7.034	11.14	5.661	93	9.2	8.75	64.87	64.58	0.287	77.9	78.11	26.336	0.14871	0	
"2015-05-30	23:00:00"	8.59	105.6	6.911	11.74	6.207	103.8	9.36	9.35	62.77	62.55	0.221	83.4	83.5	26.36	0	0	
"2015-05-31	00:00:00"	7.661	102.2	7.493	11.74	5.462	99.8	10.13	9.35	61.19	61.07	0.119	87.3	87.1	26.379	0	0	
"2015-05-31	01:00:00"	7.956	100.8	6.794	11.74	5.771	99.2	8.9	8.75	60.28	60.15	0.135	88.3	88.2	26.378	0	0	
"2015-05-31	02:00:00"	7.283	105.2	8.38	10.54	5.199	104.6	11.25	7.561	59.29	59.15	0.133	89.1	88.9	26.378	0	0	
"2015-05-31	03:00:00"	6.101	105.1	11.08	9.35	4.383	103.3	13.66	6.964	58.78	58.73	0.046	89.9	89.6	26.377	0	0	
"2015-05-31	04:00:00"	4.815	144.9	17.73	7.561	3.406	143	22.57	5.771	58.81	58.64	0.172	89.9	89.6	26.37	0	0	

WCS Meteorological Data
ER Tower 2010 to 2015

ER Tower		Wspd10							Wspd2	AT10	AT2	DeltaT	RH10	RH2	BP	SR	
Data	Time	Wspd10	Wdir10	Sig10	Max	Wspd2	Wdir2	Sig2	Max	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Rain 60
"2015-05-31	05:00:00"	3.3	178.3	31.03	5.175	2.115	179.2	34.79	4.578	58.34	58.07	0.271	90.5	90.1	26.363	0.17074	0
"2015-05-31	06:00:00"	1.571	240.2	44.33	3.386	1.515	331.4	55.07	3.386	58.2	55.74	2.456	91.1	90.2	26.357	0.34514	0
"2015-05-31	07:00:00"	2.981	6.77	36.01	3.982	2.851	18.55	19.73	3.982	57.69	53.59	4.093	91.4	90.7	26.357	2.537	0
"2015-05-31	08:00:00"	4.09	87.9	8.89	6.368	2.749	77.48	19.31	5.771	57.36	56.04	1.319	91.6	91.4	26.364	28.845	0
"2015-05-31	09:00:00"	3.993	125.2	12.27	7.561	3.123	128.8	15.06	6.964	58.72	58.95	-0.232	91.9	91.6	26.378	60.458	0
"2015-05-31	10:00:00"	5.01	180.9	29.93	9.35	3.947	183	33.64	7.561	60.21	60.18	0.023	88.6	89.3	26.385	123.76	0
"2015-05-31	11:00:00"	3.851	234.3	39.13	7.561	3.093	233.6	44.59	6.964	61.92	62.3	-0.381	82.8	82.5	26.384	218.85	0
"2015-05-31	12:00:00"	4.064	227	54.63	8.75	3.065	226.6	61.24	7.561	64.83	65.98	-1.146	75.2	72.92	26.375	672.61	0
"2015-05-31	13:00:00"	3.946	174.2	63.84	9.95	3.307	160.8	69.05	8.75	67.87	69.21	-1.34	67.01	64.34	26.365	942.89	0
"2015-05-31	14:00:00"	7.548	187.6	29.82	14.12	6.242	188.5	38.82	12.93	70.71	72.67	-1.96	59.11	55.64	26.345	971.79	0
"2015-05-31	15:00:00"	9.01	187.9	23.56	17.7	7.249	188.1	27.59	14.72	72.74	74.98	-2.24	55.94	52.1	26.324	938.47	0
"2015-05-31	16:00:00"	8.88	181.7	25.8	15.91	7.074	179.9	31.99	14.12	74.97	77.04	-2.068	50.64	47.15	26.299	900.17	0
"2015-05-31	17:00:00"	8.69	175.4	23.29	17.7	6.965	173.9	29.46	13.52	77.24	79.15	-1.903	43.73	40.77	26.273	782.76	0
"2015-05-31	18:00:00"	10.82	176.5	16.46	17.1	8.47	173.6	19.81	14.72	78.53	80.3	-1.735	39.14	36.88	26.248	591.07	0
"2015-05-31	19:00:00"	11.42	175.7	12.14	18.3	8.79	172.2	16.53	14.72	79.1	80.3	-1.207	36.26	34.48	26.239	429.45	0
"2015-05-31	20:00:00"	13.54	177.7	7.441	20.68	10.16	174.2	11.5	15.91	78.35	78.91	-0.56	39.35	37.78	26.233	198.68	0
"2015-05-31	21:00:00"	10.47	180.8	7.249	17.7	7.713	176.9	11.26	14.72	75.14	75.03	0.113	48.47	47.53	26.245	27.414	0
"2015-05-31	22:00:00"	9.34	175.6	10.13	13.52	6.729	170.8	13.65	11.74	71.59	71.11	0.481	57.34	57.21	26.253	0.08891	0
"2015-05-31	23:00:00"	8.88	163.8	9.51	13.52	6.544	158.8	10.99	10.54	68.94	68.45	0.491	64.01	64.18	26.259	0	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2010-12-18	19:00:00"	2.0493	119.6	50.591	39.788	0.17064	26.332	0
"2010-12-18	20:00:00"	3.7624	178	49.868	41.993	0.15517	26.332	0
"2010-12-18	21:00:00"	4.8852	174.62	48.61	44.611	0.15474	26.338	0
"2010-12-18	22:00:00"	3.2218	275.38	47.068	49.27	0.16916	26.344	0
"2010-12-18	23:00:00"	3.9003	294.11	46.044	52.916	0.16746	26.341	0
"2010-12-19	00:00:00"	3.7686	304.9	42.412	60.804	0.15263	26.341	0
"2010-12-19	01:00:00"	3.7105	306.33	42.947	63.638	0.15453	26.335	0
"2010-12-19	02:00:00"	4.39	273.63	44.583	61.589	0.15898	26.335	0
"2010-12-19	03:00:00"	4.1731	284.36	40.433	69.991	0.16598	26.338	0
"2010-12-19	04:00:00"	5.0343	254.61	42.267	66.344	0.17637	26.329	0
"2010-12-19	05:00:00"	5.9123	216.02	38.575	69.466	0.1416	26.317	0
"2010-12-19	06:00:00"	6.9264	222.4	41.763	60.386	0.17149	26.332	0
"2010-12-19	07:00:00"	7.1551	231.14	40.592	59.877	0.15157	26.341	0
"2010-12-19	08:00:00"	7.0892	231.33	40.322	60.128	5.8034	26.35	0
"2010-12-19	09:00:00"	6.3318	213.14	41.379	59.69	121.7	26.356	0
"2010-12-19	10:00:00"	3.3417	233.23	48.943	53.982	301.15	26.361	0
"2010-12-19	11:00:00"	8.5855	239.71	59.523	41.254	437.56	26.358	0
"2010-12-19	12:00:00"	9.868	257.65	65.301	34.717	424.51	26.35	0
"2010-12-19	13:00:00"	10.73	261.07	67.978	31.762	469.9	26.326	0
"2010-12-19	14:00:00"	9.264	253.21	70.299	28.974	627.02	26.296	0
"2010-12-19	15:00:00"	8.3226	237.33	71.79	27.132	486.83	26.279	0
"2010-12-19	16:00:00"	9.9755	272.99	72.703	27.269	423.87	26.273	0
"2010-12-19	17:00:00"	8.6619	255.81	72.992	27.087	269.69	26.279	0
"2010-12-19	18:00:00"	6.2429	258.09	70.088	28.923	56.904	26.27	0
"2010-12-19	19:00:00"	1.9089	243.25	63.67	35.064	0.28342	26.282	0
"2010-12-19	20:00:00"	3.3759	241.86	60.853	38.709	0.11277	26.279	0
"2010-12-19	21:00:00"	4.1669	222.17	60.928	38.901	0.1238	26.276	0
"2010-12-19	22:00:00"	3.4747	229.79	56.546	45.306	0.15157	26.288	0
"2010-12-19	23:00:00"	4.0184	295.84	52.027	52.883	0.12761	26.291	0
"2010-12-20	00:00:00"	2.6595	300.85	47.98	60.473	0.12507	26.285	0
"2010-12-20	01:00:00"	3.514	280.81	49.043	59.336	0.14438	26.288	0
"2010-12-20	02:00:00"	2.9347	267.28	49.158	58.836	0.15496	26.282	0
"2010-12-20	03:00:00"	4.5149	250.9	52.178	52.008	0.13016	26.279	0
"2010-12-20	04:00:00"	2.8981	250.88	49.493	57.772	0.13906	26.273	0
"2010-12-20	05:00:00"	2.9963	246.02	49.652	57.778	0.13651	26.267	0
"2010-12-20	06:00:00"	3.8979	219.58	47.881	61.049	0.1433	26.276	0
"2010-12-20	07:00:00"	5.7458	191.29	49.159	57.787	0.15135	26.285	0
"2010-12-20	08:00:00"	8.6495	185.05	49.695	55.98	3.609	26.296	0
"2010-12-20	09:00:00"	7.4863	209.31	49.569	54.89	84.213	26.305	0
"2010-12-20	10:00:00"	6.8276	220.34	54.868	46.598	257.44	26.335	0
"2010-12-20	11:00:00"	9.0602	229.15	65.765	31.761	336.86	26.347	0
"2010-12-20	12:00:00"	15.258	260.69	70.98	24.899	541.11	26.344	0
"2010-12-20	13:00:00"	17.276	268.57	72.905	19.947	563.68	26.32	0
"2010-12-20	14:00:00"	15.368	266.67	73.773	17.07	439.21	26.314	0
"2010-12-20	15:00:00"	13.781	265.99	71.87	16.817	245.26	26.314	0
"2010-12-20	16:00:00"	12.828	275.46	71.131	16.751	176.6	26.323	0
"2010-12-20	17:00:00"	8.8197	269.79	69.932	19.607	97.702	26.329	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2010-12-20	18:00:00"	5.3419	263.69	67.472	20.497	20.049	26.338	0
"2010-12-20	19:00:00"	4.0134	235.32	64.434	21.648	0.19756	26.35	0
"2010-12-20	20:00:00"	5.3065	223.9	63.786	21.471	0.12592	26.367	0
"2010-12-20	21:00:00"	4.2837	273.46	61.409	22.9	0.11108	26.376	0
"2010-12-20	22:00:00"	4.8635	170.34	58.274	25.444	0.14097	26.385	0
"2010-12-20	23:00:00"	5.6675	187.67	57.374	26.013	0.138	26.4	0
"2010-12-21	00:00:00"	4.8525	219.54	56.133	27.714	0.14584	26.4	0
"2010-12-21	01:00:00"	3.0735	278.83	52.946	32.534	0.15939	26.4	0
"2010-12-21	02:00:00"	4.0967	224.15	53.909	32.157	0.13503	26.4	0
"2010-12-21	03:00:00"	2.9031	247.54	52.869	34.933	0.14584	26.397	0
"2010-12-21	04:00:00"	2.1829	255.5	48.715	41.973	0.15962	26.4	0
"2010-12-21	05:00:00"	3.1783	283.22	47.483	46.855	0.1327	26.397	0
"2010-12-21	06:00:00"	3.74	275.84	46.329	50.653	0.16195	26.406	0
"2010-12-21	07:00:00"	3.7264	314.05	43.853	54.668	0.16916	26.42	0
"2010-12-21	08:00:00"	4.6224	308.47	44.147	55.691	5.8648	26.435	0
"2010-12-21	09:00:00"	4.1228	265.02	49.769	46.915	110.2	26.45	0
"2010-12-21	10:00:00"	4.3198	258.19	56.991	37.401	278.15	26.483	0
"2010-12-21	11:00:00"	10.807	265.04	68.057	27.349	429.53	26.494	0
"2010-12-21	12:00:00"	13.883	268.43	71.516	23.844	539.85	26.48	0
"2010-12-21	13:00:00"	11.955	259.92	73.839	21.695	591.2	26.459	0
"2010-12-21	14:00:00"	10.83	257.49	74.968	20.127	575.83	26.441	0
"2010-12-21	15:00:00"	9.072	254.92	76.034	18.804	498.69	26.435	0
"2010-12-21	16:00:00"	8.204	245.67	76.708	17.229	368.96	26.435	0
"2010-12-21	17:00:00"	7.0867	234.8	75.999	18.06	202.08	26.441	0
"2010-12-21	18:00:00"	5.9353	211.46	72.12	21.46	42.335	26.45	0
"2010-12-21	19:00:00"	5.5606	199.99	67.375	24.126	0.20944	26.468	0
"2010-12-21	20:00:00"	1.6746	320	59.478	30.832	0.09136	26.48	0
"2010-12-21	21:00:00"	1.4354	356.37	53.93	36.752	0.12994	26.491	0
"2010-12-21	22:00:00"	2.3395	338.83	52.232	38.896	0.14945	26.503	0
"2010-12-21	23:00:00"	4.482	307.7	51.997	39.653	0.12804	26.512	0
"2010-12-22	00:00:00"	3.43	312.4	50.031	42.132	0.15835	26.518	0
"2010-12-22	01:00:00"	2.0603	306.41	47.27	46.714	0.13677	26.521	0
"2010-12-22	02:00:00"	3.4828	285.13	46.014	47.994	0.17594	26.53	0
"2010-12-22	03:00:00"	5.1953	326.9	41.274	54.984	0.15665	26.539	0
"2010-12-22	04:00:00"	8.898	358.33	41.572	55.461	0.12613	26.556	0
"2010-12-22	05:00:00"	8.1878	20.016	38.877	65.203	0.12019	26.565	0
"2010-12-22	06:00:00"	9.8792	23.932	35.823	77.568	0.11362	26.58	0
"2010-12-22	07:00:00"	11.069	27.035	35.957	84.998	0.14542	26.595	0
"2010-12-22	08:00:00"	11.29	26.446	34.926	88.201	0.96599	26.609	0
"2010-12-22	09:00:00"	11.101	35.196	33.832	91.706	27.399	26.624	0
"2010-12-22	10:00:00"	10.344	31.924	34.616	93.034	76.157	26.654	0
"2010-12-22	11:00:00"	9.5703	29.851	36.265	88.611	163.94	26.651	0
"2010-12-22	12:00:00"	8.8639	42.603	37.82	84.371	260.75	26.654	0
"2010-12-22	13:00:00"	9.9885	42.899	39.848	78.609	358.17	26.63	0
"2010-12-22	14:00:00"	11.211	49.609	41.857	73.477	501.67	26.601	0
"2010-12-22	15:00:00"	11.027	62.862	44.334	67.17	502.77	26.601	0
"2010-12-22	16:00:00"	10.552	64.12	46.364	62.313	354.49	26.592	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2010-12-22	17:00:00"	10.361	50.258	45.331	64.299	110.16	26.595	0
"2010-12-22	18:00:00"	10.325	29.193	44.032	66.891	9.166	26.609	0
"2010-12-22	19:00:00"	8.4084	19.54	43.18	68.548	0.15475	26.621	0
"2010-12-22	20:00:00"	7.5602	6.7371	42.647	69.027	0.13885	26.636	0
"2010-12-22	21:00:00"	7.6801	357.03	42.222	69.767	0.12401	26.648	0
"2010-12-22	22:00:00"	5.8477	355.65	42.319	69.245	0.15665	26.642	0
"2010-12-22	23:00:00"	6.5952	96.256	42.374	80.357	0.1257	26.636	0
"2010-12-23	00:00:00"	5.7309	74.265	41.443	87.101	0.11807	26.633	0
"2010-12-23	01:00:00"	4.5736	61.751	40.744	79.381	0.1224	26.612	0
"2010-12-23	02:00:00"	5.0455	80.424	40.857	74.912	0.13906	26.598	0
"2010-12-23	03:00:00"	4.8144	77.188	40.621	68.373	0.15029	26.589	0
"2010-12-23	04:00:00"	4.7721	29.526	40.041	66.885	0.14605	26.577	0
"2010-12-23	05:00:00"	4.4981	54.902	39.928	64.255	0.15941	26.562	0
"2010-12-23	06:00:00"	8.112	101.04	39.895	63.19	0.12994	26.547	0
"2010-12-23	07:00:00"	6.7425	100.35	39.915	59.043	0.16026	26.556	0
"2010-12-23	08:00:00"	7.0917	98.285	39.897	56.05	0.28744	26.559	0
"2010-12-23	09:00:00"	4.2899	57.922	39.95	54.615	8.9322	26.568	0
"2010-12-23	10:00:00"	7.0178	94.515	40.444	58.086	71.409	26.55	0
"2010-12-23	11:00:00"	10.542	115.64	41.316	64.086	137.25	26.542	0
"2010-12-23	12:00:00"	9.8941	121.52	42.675	62.083	187.74	26.518	0
"2010-12-23	13:00:00"	7.5062	117.56	44.073	61.439	181.65	26.483	0
"2010-12-23	14:00:00"	5.8067	135.42	45.287	62.144	202.46	26.45	0
"2010-12-23	15:00:00"	5.4463	135.42	46.32	62.018	200.64	26.432	0
"2010-12-23	16:00:00"	5.7837	138.98	47.333	64.039	204.3	26.42	0
"2010-12-23	17:00:00"	6.2957	127.73	47.656	67.856	130.49	26.429	0
"2010-12-23	18:00:00"	6.384	127.07	46.878	75.959	36.108	26.42	0
"2010-12-23	19:00:00"	6.2622	129.47	45.221	84.414	0.15051	26.423	0
"2010-12-23	20:00:00"	7.7814	133.31	45.079	84.789	0.10938	26.423	0
"2010-12-23	21:00:00"	7.4639	135.8	43.873	90.913	0.10514	26.462	0
"2010-12-23	22:00:00"	4.9101	35.464	43.715	93.175	0.06126	26.45	0
"2010-12-23	23:00:00"	4.7392	18.211	43.695	92.977	0.08267	26.462	0
"2010-12-24	00:00:00"	5.6862	11.164	43.601	93.447	0.09009	26.465	0
"2010-12-24	01:00:00"	7.3906	347.4	43.539	92.642	0.07399	26.462	0
"2010-12-24	02:00:00"	3.709	6.2439	43.948	92.119	0.08225	26.465	0
"2010-12-24	03:00:00"	7.8846	315.31	44.355	92.615	0.0831	26.459	0
"2010-12-24	04:00:00"	6.7729	310.26	42.452	92.479	0.08288	26.45	0
"2010-12-24	05:00:00"	7.6273	317.41	41.038	93.347	0.07801	26.462	0
"2010-12-24	06:00:00"	8.9745	310.29	39.393	92.482	0.10875	26.477	0
"2010-12-24	07:00:00"	12.376	327.91	39.706	87.812	0.10239	26.509	0
"2010-12-24	08:00:00"	17.365	341.47	38.363	82.079	1.8001	26.524	0
"2010-12-24	09:00:00"	19.797	359.04	37.994	85.104	31.327	26.547	0
"2010-12-24	10:00:00"	19.484	10.111	40.444	77.477	148.82	26.598	0
"2010-12-24	11:00:00"	17.356	8.5802	42.371	66.125	290.42	26.627	0
"2010-12-24	12:00:00"	16.798	16.09	43.402	59.506	238.36	26.633	0
"2010-12-24	13:00:00"	15.28	5.8934	43.237	59.495	175.15	26.627	0
"2010-12-24	14:00:00"	15.326	3.8954	44.133	59.636	251.85	26.609	0
"2010-12-24	15:00:00"	14.891	0.75873	45.427	57.696	329.59	26.607	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2010-12-24	16:00:00"	12.424	9.4674	47.053	54.464	346.24	26.618	0
"2010-12-24	17:00:00"	10.823	14.412	48.334	51.539	191.46	26.624	0
"2010-12-24	18:00:00"	6.9047	1.7848	47.184	52.133	40.529	26.642	0
"2010-12-24	19:00:00"	7.2557	341.2	41.543	60.937	0.24823	26.654	0
"2010-12-24	20:00:00"	5.5892	321.84	36.111	70.331	0.13948	26.669	0
"2010-12-24	21:00:00"	8.6669	332.2	36.531	70.128	0.14754	26.686	0
"2010-12-24	22:00:00"	8.7862	334.35	35.451	70.8	0.16768	26.695	0
"2010-12-24	23:00:00"	7.4869	329.34	33.41	74.611	0.13991	26.701	0
"2010-12-25	00:00:00"	8.3612	334.84	32.161	76.035	0.19163	26.707	0
"2010-12-25	01:00:00"	7.8653	329.34	32.109	75.568	0.18718	26.707	0
"2010-12-25	02:00:00"	7.5726	336.82	31.336	76.461	0.17319	26.704	0
"2010-12-25	03:00:00"	7.2725	333.73	30.477	78.062	0.13567	26.713	0
"2010-12-25	04:00:00"	7.0178	307.96	28.042	79.867	0.19587	26.728	0
"2010-12-25	05:00:00"	6.9233	303.77	27.105	82.679	0.18082	26.725	0
"2010-12-25	06:00:00"	6.0024	311.9	26.466	83.573	0.14499	26.731	0
"2010-12-25	07:00:00"	5.8452	320.24	27.435	82.019	0.14245	26.751	0
"2010-12-25	08:00:00"	6.013	307.87	26.539	83.886	3.2418	26.769	0
"2010-12-25	09:00:00"	6.6735	338.86	28.498	80.859	91.664	26.787	0
"2010-12-25	10:00:00"	7.3272	34.902	36.145	66.08	251.14	26.816	0
"2010-12-25	11:00:00"	7.019	56.873	39.562	58.198	401.87	26.822	0
"2010-12-25	12:00:00"	5.8608	57.82	42.739	49.609	506.41	26.813	0
"2010-12-25	13:00:00"	5.3382	54.727	45.422	43.453	557.13	26.778	0
"2010-12-25	14:00:00"	4.1539	57.66	47.875	39.02	546.01	26.757	0
"2010-12-25	15:00:00"	3.1224	32.066	49.902	36.187	476.65	26.742	0
"2010-12-25	16:00:00"	3.0832	103.02	51.049	34.73	354.92	26.736	0
"2010-12-25	17:00:00"	3.3386	126.39	51.035	35.179	197.77	26.736	0
"2010-12-25	18:00:00"	3.0435	89.255	49.345	37.128	44.533	26.734	0
"2010-12-25	19:00:00"	2.9323	135.92	43.612	43.98	0.32072	26.739	0
"2010-12-25	20:00:00"	3.5903	356.56	39.778	49.841	0.15602	26.748	0
"2010-12-25	21:00:00"	3.9979	258.28	36.295	56.265	0.16598	26.751	0
"2010-12-25	22:00:00"	4.0694	188.04	36.114	58.08	0.17446	26.748	0
"2010-12-25	23:00:00"	5.8409	151.03	35.329	60.032	0.18739	26.751	0
"2010-12-26	00:00:00"	4.9952	166.09	34.184	62.294	0.20816	26.748	0
"2010-12-26	01:00:00"	5.6514	161.31	33.13	65.224	0.1645	26.734	0
"2010-12-26	02:00:00"	5.4618	221.08	31.267	69.56	0.19884	26.719	0
"2010-12-26	03:00:00"	5.3394	242.99	29.92	73.941	0.21389	26.71	0
"2010-12-26	04:00:00"	5.9099	247.42	29.972	74.67	0.1664	26.695	0
"2010-12-26	05:00:00"	7.8659	255.75	29.707	76.379	0.17616	26.672	0
"2010-12-26	06:00:00"	6.3572	236.71	30.186	78.308	0.17679	26.657	0
"2010-12-26	07:00:00"	7.4372	246.55	30.042	79.648	0.16471	26.651	0
"2010-12-26	08:00:00"	5.2928	246.17	29.083	81.899	3.1097	26.645	0
"2010-12-26	09:00:00"	6.233	218.23	31.026	78.87	95.218	26.639	0
"2010-12-26	10:00:00"	8.5407	180.68	37.086	62.599	259.44	26.651	0
"2010-12-26	11:00:00"	16.351	179.99	45.226	42.782	414.62	26.645	0
"2010-12-26	12:00:00"	16.817	180.78	48.307	38.069	521.71	26.618	0
"2010-12-26	13:00:00"	16.569	181.94	50.992	33.224	571.54	26.574	0
"2010-12-26	14:00:00"	15.67	177.74	52.978	29.72	553.85	26.533	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2010-12-26	15:00:00"	15.26	178.24	54.563	26.933	488.96	26.5	0
"2010-12-26	16:00:00"	16.42	179.33	54.948	26.778	366.09	26.488	0
"2010-12-26	17:00:00"	13.965	176.59	54.802	28.129	206.8	26.485	0
"2010-12-26	18:00:00"	10.472	160.4	52.627	30.686	43.065	26.48	0
"2010-12-26	19:00:00"	7.723	142.98	46.929	37.548	0.20859	26.485	0
"2010-12-26	20:00:00"	10.446	153.49	44.369	41.991	0.15708	26.485	0
"2010-12-26	21:00:00"	10.862	163.95	42.542	44.664	0.14054	26.483	0
"2010-12-26	22:00:00"	5.3494	208.83	38.484	50.593	0.10875	26.468	0
"2010-12-26	23:00:00"	6.8686	213.75	36.722	54.099	0.1681	26.462	0
"2010-12-27	00:00:00"	8.3612	206.38	36.595	55.883	0.1664	26.447	0
"2010-12-27	01:00:00"	9.6281	200.63	35.613	58.47	0.17207	26.435	0
"2010-12-27	02:00:00"	7.9815	228.14	34.452	60.868	0.19121	26.426	0
"2010-12-27	03:00:00"	8.4637	246.75	33.623	62.629	0.17976	26.426	0
"2010-12-27	04:00:00"	8.8955	242.88	32.957	63.594	0.12782	26.429	0
"2010-12-27	05:00:00"	8.5028	248.34	32.576	64.371	0.1876	26.432	0
"2010-12-27	06:00:00"	6.0441	278.52	30.167	69.823	0.15623	26.438	0
"2010-12-27	07:00:00"	7.5403	257.73	30.636	68.862	0.18527	26.438	0
"2010-12-27	08:00:00"	7.06	264.45	31.198	67.481	1.5284	26.453	0
"2010-12-27	09:00:00"	6.6468	265.36	32.394	64.928	49.263	26.471	0
"2010-12-27	10:00:00"	4.6684	237.98	36.812	54.774	210.48	26.485	0
"2010-12-27	11:00:00"	3.6493	232.19	43.748	43.339	419.35	26.488	0
"2010-12-27	12:00:00"	3.804	232.39	54.108	31.178	515.41	26.477	0
"2010-12-27	13:00:00"	6.0503	285.79	60.438	25.963	545.78	26.45	0
"2010-12-27	14:00:00"	5.9154	228.25	61.22	24.857	524.94	26.423	0
"2010-12-27	15:00:00"	4.7715	237.11	62.175	23.899	453.82	26.415	0
"2010-12-27	16:00:00"	5.8657	279.27	62.998	23.693	305.18	26.412	0
"2010-12-27	17:00:00"	6.9333	296.15	61.87	24.888	177.33	26.418	0
"2010-12-27	18:00:00"	5.2245	309.46	58.501	26.642	51.627	26.42	0
"2010-12-27	19:00:00"	2.4432	308.82	49.367	34.724	0.22597	26.432	0
"2010-12-27	20:00:00"	2.4109	263.91	48.907	36.024	0.16789	26.45	0
"2010-12-27	21:00:00"	2.9714	337.47	46.685	38.984	0.16513	26.456	0
"2010-12-27	22:00:00"	5.2456	222.28	46.838	39.668	0.17149	26.48	0
"2010-12-27	23:00:00"	4.101	301.86	43.496	44.141	0.17552	26.488	0
"2010-12-28	00:00:00"	2.954	265.07	42.42	46.835	0.19333	26.494	0
"2010-12-28	01:00:00"	3.449	243.97	42.168	47.057	0.14649	26.477	0
"2010-12-28	02:00:00"	4.1097	244.95	42.401	49.713	0.14563	26.468	0
"2010-12-28	03:00:00"	3.9855	319.81	38.49	55.804	0.15517	26.471	0
"2010-12-28	04:00:00"	5.8198	330.86	36.447	59.217	0.1664	26.465	0
"2010-12-28	05:00:00"	6.6263	334.5	35.316	60.926	0.14966	26.462	0
"2010-12-28	06:00:00"	8.6482	345.92	35.588	61.884	0.17658	26.459	0
"2010-12-28	07:00:00"	10.216	349.83	36.349	61.037	0.18909	26.465	0
"2010-12-28	08:00:00"	8.67	348.53	35.499	62.561	1.0253	26.471	0
"2010-12-28	09:00:00"	9.0925	349.37	35.268	63.58	32.058	26.488	0
"2010-12-28	10:00:00"	7.7069	2.5328	38.158	58.662	119.09	26.497	0
"2010-12-28	11:00:00"	3.5362	54.901	43.158	55.39	323.66	26.5	0
"2010-12-28	12:00:00"	1.884	77.963	47.706	58.061	354.42	26.465	0
"2010-12-28	13:00:00"	2.1711	145.84	49.107	54.572	248.51	26.418	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2010-12-28	14:00:00"	2.6694	104.16	51.74	48.218	442.59	26.388	0
"2010-12-28	15:00:00"	3.0099	122.19	53.969	43.753	327.98	26.358	0
"2010-12-28	16:00:00"	4.9753	126.36	54.977	40.285	265.67	26.356	0
"2010-12-28	17:00:00"	5.0965	113.71	54.457	42.144	99.662	26.344	0
"2010-12-28	18:00:00"	2.5992	67.862	53.531	45.316	40.993	26.353	0
"2010-12-28	19:00:00"	2.6259	24.24	48.388	52.775	0.2637	26.358	0
"2010-12-28	20:00:00"	1.7939	183.49	47.455	56.686	0.13334	26.358	0
"2010-12-28	21:00:00"	3.5772	191.18	45.112	59.456	0.1558	26.356	0
"2010-12-28	22:00:00"	4.2054	220.99	44.797	54.046	0.11659	26.347	0
"2010-12-28	23:00:00"	4.1421	223.47	43.176	55.849	0.15941	26.344	0
"2010-12-29	00:00:00"	4.7634	233.65	40.377	60.622	0.14499	26.335	0
"2010-12-29	01:00:00"	7.1563	252.66	39.85	62.779	0.17186	26.308	0
"2010-12-29	02:00:00"	6.8003	248.12	39.307	62.229	0.17043	26.294	0
"2010-12-29	03:00:00"	7.1197	245.43	38.727	63.37	0.13588	26.273	0
"2010-12-29	04:00:00"	5.1934	226.85	37.593	64.552	0.19523	26.261	0
"2010-12-29	05:00:00"	5.0319	227.7	32.608	81.531	0.1416	26.246	0
"2010-12-29	06:00:00"	3.9923	214.98	30.273	92.946	0.07674	26.223	0
"2010-12-29	07:00:00"	4.7299	225.79	32.204	85.278	0.11299	26.217	0
"2010-12-29	08:00:00"	5.5855	214.62	30.818	85.905	2.8291	26.205	0
"2010-12-29	09:00:00"	5.2823	209.33	33.179	81.132	92.619	26.193	0
"2010-12-29	10:00:00"	7.6665	194.48	40.111	64.217	251.62	26.193	0
"2010-12-29	11:00:00"	10.425	218.5	48.532	45.006	404.79	26.175	0
"2010-12-29	12:00:00"	12.993	219.69	55.595	33.706	499.14	26.143	0
"2010-12-29	13:00:00"	14.364	221.54	59.927	27.717	551.44	26.09	0
"2010-12-29	14:00:00"	15.092	222.65	63.429	22.171	549.84	26.045	0
"2010-12-29	15:00:00"	15.978	224.07	64.337	20.305	481.32	26.028	0
"2010-12-29	16:00:00"	14.835	228.62	64.713	19.477	336.71	26.013	0
"2010-12-29	17:00:00"	13.542	228.95	61.506	20.267	94.655	26.013	0
"2010-12-29	18:00:00"	11.736	220.7	59.108	21.399	15.792	26.004	0
"2010-12-29	19:00:00"	12.398	220.41	57.901	21.979	0.1575	26.013	0
"2010-12-29	20:00:00"	7.8231	222.61	55.81	24.068	0.1274	26.016	0
"2010-12-29	21:00:00"	8.9136	216.97	55.918	24.353	0.10663	26.007	0
"2010-12-29	22:00:00"	12.424	215.29	57.48	23.732	0.13164	26.013	0
"2010-12-29	23:00:00"	12.168	218.2	56.472	24.556	0.13461	26.01	0
"2010-12-30	00:00:00"	12.277	228.86	57.645	23.529	0.15453	26.01	0
"2010-12-30	01:00:00"	10.184	250.21	56.485	23.668	0.13614	25.995	0
"2010-12-30	02:00:00"	8.2729	243.23	53.916	25.201	0.12804	25.998	0
"2010-12-30	03:00:00"	7.0998	253.14	52.896	25.637	0.13334	26.004	0
"2010-12-30	04:00:00"	11.389	227.21	54.077	23.34	0.15051	26.004	0
"2010-12-30	05:00:00"	11.109	221.28	51.984	25.011	0.11383	25.992	0
"2010-12-30	06:00:00"	7.0265	241.27	48.952	29.317	0.14648	26.007	0
"2010-12-30	07:00:00"	6.7493	257.25	47.158	34.614	0.12867	26.022	0
"2010-12-30	08:00:00"	4.2067	256.11	44.411	40.724	1.0571	26.031	0
"2010-12-30	09:00:00"	3.2858	250.72	43.317	45.747	80.556	26.043	0
"2010-12-30	10:00:00"	7.0283	235.41	51.876	38.714	244.09	26.045	0
"2010-12-30	11:00:00"	13.536	230.03	57.473	31.402	393	26.04	0
"2010-12-30	12:00:00"	17.502	220.51	59.527	27.414	500.5	26.01	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2010-12-30"	13:00:00"	19.011	218.05	61.354	23.734	555.73	25.966	0
"2010-12-30"	14:00:00"	18.506	210.42	62.789	21.489	547.3	25.933	0
"2010-12-30"	15:00:00"	18.601	193.45	63.364	20.31	476.12	25.91	0
"2010-12-30"	16:00:00"	17.465	213.45	65.179	18.159	341.48	25.883	0
"2010-12-30"	17:00:00"	15.744	216.24	65.096	17.99	129.02	25.865	0
"2010-12-30"	18:00:00"	14.29	219.28	63.45	23.011	8.006	25.877	0
"2010-12-30"	19:00:00"	11.008	218.05	61.056	29.759	0.10514	25.871	0.01
"2010-12-30"	20:00:00"	13.007	269.97	57.491	34.969	0.11659	25.921	0
"2010-12-30"	21:00:00"	18.303	288.63	50.303	51.746	0.14012	25.978	0
"2010-12-30"	22:00:00"	16.652	281.87	46.042	60.416	0.13651	25.995	0
"2010-12-30"	23:00:00"	17.91	281.26	43.544	61.087	0.13757	26.028	0
"2010-12-31"	00:00:00"	18.171	279.58	42.425	57.659	0.14987	26.051	0
"2010-12-31"	01:00:00"	16.291	278.06	40.981	52.876	0.13185	26.09	0
"2010-12-31"	02:00:00"	10.936	270.28	38.597	59.512	0.17531	26.116	0
"2010-12-31"	03:00:00"	10.492	247.5	36.856	52.438	0.15686	26.143	0
"2010-12-31"	04:00:00"	10.245	253.28	35.665	45.791	0.14351	26.161	0
"2010-12-31"	05:00:00"	8.7222	266.68	34.653	42.473	0.19311	26.181	0
"2010-12-31"	06:00:00"	9.0465	275.67	33.354	40.614	0.17997	26.196	0
"2010-12-31"	07:00:00"	8.5196	281.31	32.936	32.615	0.18209	26.217	0
"2010-12-31"	08:00:00"	10.062	285.35	33.29	28.215	0.49561	26.22	0
"2010-12-31"	09:00:00"	9.1938	282.07	33.362	26.924	12.686	26.24	0
"2010-12-31"	10:00:00"	9.2112	288.61	34.535	25.783	65.892	26.264	0
"2010-12-31"	11:00:00"	8.5041	286.26	36.554	27.049	153.15	26.282	0
"2010-12-31"	12:00:00"	8.0312	284.65	37.321	26.644	161.77	26.282	0
"2010-12-31"	13:00:00"	5.816	270.31	38.565	23.62	201.19	26.264	0
"2010-12-31"	14:00:00"	4.2937	253.76	39.594	22.331	214.15	26.252	0
"2010-12-31"	15:00:00"	4.8001	234.87	41.014	21.509	225.08	26.249	0
"2010-12-31"	16:00:00"	6.0758	234.73	41.37	23.061	143.79	26.249	0
"2010-12-31"	17:00:00"	6.9221	251.74	41.413	27.089	55.651	26.258	0
"2010-12-31"	18:00:00"	8.7477	279.5	40.501	35.956	12.211	26.27	0
"2010-12-31"	19:00:00"	6.8152	255.8	39.759	38.676	0.29402	26.296	0
"2010-12-31"	20:00:00"	6.8164	233.12	39.888	34.189	0.17064	26.296	0
"2010-12-31"	21:00:00"	6.6698	263.14	40.068	40.296	0.20244	26.317	0
"2010-12-31"	22:00:00"	7.2887	281.72	40.522	41.382	0.17255	26.338	0
"2010-12-31"	23:00:00"	10.995	280.42	39.926	44.201	0.17785	26.382	0
"2011-01-01"	00:00:00"	12.586	313.97	34.077	40.31	0.18315	26.418	0
"2011-01-01"	01:00:00"	8.0169	310.19	30.047	38.61	0.18845	26.418	0
"2011-01-01"	02:00:00"	7.1563	309.45	27.462	42.6	0.20053	26.429	0
"2011-01-01"	03:00:00"	7.8815	304.7	27.959	38.988	0.2336	26.441	0
"2011-01-01"	04:00:00"	9.7058	318.42	26.622	38.024	0.18548	26.456	0
"2011-01-01"	05:00:00"	11.492	324.76	25.571	35.329	0.21007	26.456	0
"2011-01-01"	06:00:00"	12.511	327.78	24.276	35.08	0.19163	26.48	0
"2011-01-01"	07:00:00"	11.298	326.01	23.986	33.854	0.25755	26.512	0
"2011-01-01"	08:00:00"	10.808	325.32	23.365	33.725	1.9072	26.527	0
"2011-01-01"	09:00:00"	11.246	325.84	24.437	32.49	92.896	26.553	0
"2011-01-01"	10:00:00"	13.653	328.17	30.507	24.111	267.15	26.589	0
"2011-01-01"	11:00:00"	10.335	320.41	34.569	19.856	425.87	26.592	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-01	12:00:00"	8.0567	277.92	38.088	19.656	537.58	26.577	0
"2011-01-01	13:00:00"	9.6772	264.82	40.44	19.744	591.95	26.545	0
"2011-01-01	14:00:00"	9.4753	262.78	42.201	18.169	584.15	26.53	0
"2011-01-01	15:00:00"	9.7468	254.81	43.045	14.761	467.28	26.506	0
"2011-01-01	16:00:00"	9.8705	263.16	43.203	13.966	360.38	26.503	0
"2011-01-01	17:00:00"	9.8543	265.24	42.511	14.573	221.37	26.512	0
"2011-01-01	18:00:00"	7.513	270.89	40.557	16.407	60.993	26.515	0
"2011-01-01	19:00:00"	5.3158	288.66	33.523	20.688	0.33069	26.539	0
"2011-01-01	20:00:00"	4.5273	288.16	27.257	25.414	0.22152	26.547	0
"2011-01-01	21:00:00"	4.0128	285.09	25.079	27.737	0.19587	26.556	0
"2011-01-01	22:00:00"	4.0433	290.69	25.251	28.726	0.19439	26.568	0
"2011-01-01	23:00:00"	7.8081	274.82	28.002	24.766	0.2018	26.589	0
"2011-01-02	00:00:00"	4.6031	299.96	22.267	29.018	0.20096	26.607	0
"2011-01-02	01:00:00"	3.3883	305.57	18.594	33.584	0.20928	26.609	0
"2011-01-02	02:00:00"	2.7962	310.49	17.739	36.614	0.23572	26.604	0
"2011-01-02	03:00:00"	5.0232	301.55	19.507	34.539	0.26031	26.607	0
"2011-01-02	04:00:00"	3.9463	315.76	18.313	35.991	0.26222	26.612	0
"2011-01-02	05:00:00"	5.4556	326.74	19.066	35.476	0.20011	26.612	0
"2011-01-02	06:00:00"	6.0105	322.27	21.585	34.051	0.21643	26.612	0
"2011-01-02	07:00:00"	7.3819	268.52	19.837	35.902	0.19629	26.618	0
"2011-01-02	08:00:00"	3.3156	306.39	14.328	41.311	4.0117	26.621	0
"2011-01-02	09:00:00"	5.4898	302.84	18.673	37.636	85.866	26.633	0
"2011-01-02	10:00:00"	4.4509	291.06	28.101	27.868	211.81	26.651	0
"2011-01-02	11:00:00"	5.6122	235.59	36.986	20.14	422.54	26.657	0
"2011-01-02	12:00:00"	11.663	185.96	41.713	16.868	540.55	26.651	0
"2011-01-02	13:00:00"	12.39	190.97	42.286	15.987	458.92	26.609	0
"2011-01-02	14:00:00"	9.3802	204.42	44.687	14.606	581.79	26.577	0
"2011-01-02	15:00:00"	8.8378	212.08	48.521	12.058	523.44	26.553	0
"2011-01-02	16:00:00"	9.7468	199.94	49.749	10.871	398.13	26.545	0
"2011-01-02	17:00:00"	9.548	196.84	49.051	11.154	233.46	26.536	0
"2011-01-02	18:00:00"	8.2692	195.15	46.337	11.756	62.454	26.524	0
"2011-01-02	19:00:00"	5.3879	220.47	40.352	15.241	0.54648	26.53	0
"2011-01-02	20:00:00"	5.1549	232.82	36.479	18.752	0.184	26.533	0
"2011-01-02	21:00:00"	6.118	223.02	32.751	24.08	0.17192	26.539	0
"2011-01-02	22:00:00"	6.6673	223.28	32.695	28.594	0.19587	26.536	0
"2011-01-02	23:00:00"	7.9778	232.04	35.339	31.097	0.19862	26.533	0
"2011-01-03	00:00:00"	7.7305	224.48	35.405	35.558	0.19248	26.518	0
"2011-01-03	01:00:00"	7.49	227.01	33.962	42.622	0.17955	26.497	0
"2011-01-03	02:00:00"	7.165	235.02	34.035	46.506	0.17933	26.48	0
"2011-01-03	03:00:00"	7.0731	238.97	33.203	49.585	0.19142	26.477	0
"2011-01-03	04:00:00"	6.1429	243.38	32.075	52.004	0.13164	26.465	0
"2011-01-03	05:00:00"	6.4952	234.35	31.631	54.559	0.16768	26.45	0
"2011-01-03	06:00:00"	6.9662	244.38	31.085	58.21	0.21007	26.444	0
"2011-01-03	07:00:00"	7.5552	261.11	31.096	58.134	0.15983	26.45	0
"2011-01-03	08:00:00"	7.1787	264.97	29.969	61.103	1.1879	26.462	0
"2011-01-03	09:00:00"	4.8405	283.2	27.069	65.214	33.887	26.465	0
"2011-01-03	10:00:00"	3.9842	266.97	32.671	56.35	113.34	26.48	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-03	11:00:00"	6.1621	242.87	36.971	49.083	184.8	26.485	0
"2011-01-03	12:00:00"	3.686	230.27	41.962	39.791	345.23	26.459	0
"2011-01-03	13:00:00"	4.5149	209.55	47.177	30.786	320.96	26.423	0
"2011-01-03	14:00:00"	5.8589	210.5	50.78	26.904	309.94	26.394	0
"2011-01-03	15:00:00"	7.8094	207.38	55.31	24.002	313.84	26.379	0
"2011-01-03	16:00:00"	9.4871	193.5	56.015	23.016	329.03	26.379	0
"2011-01-03	17:00:00"	10.625	187.52	57.085	22.251	220.03	26.379	0
"2011-01-03	18:00:00"	6.1124	187.12	54.966	23.961	58.121	26.388	0
"2011-01-03	19:00:00"	4.4751	186.03	49.559	28.861	0.51659	26.394	0
"2011-01-03	20:00:00"	4.0265	193.91	45.61	32.881	0.17298	26.418	0
"2011-01-03	21:00:00"	4.0992	264.45	45.247	33.463	0.12994	26.429	0
"2011-01-03	22:00:00"	5.7464	200.79	47.73	30.624	0.15602	26.435	0
"2011-01-03	23:00:00"	4.0837	208.23	43.74	34.527	0.17721	26.447	0
"2011-01-04	00:00:00"	5.3115	226.97	42.845	35.217	0.15898	26.453	0
"2011-01-04	01:00:00"	4.4255	280.03	37.576	42.508	0.14734	26.453	0
"2011-01-04	02:00:00"	3.9774	280.28	34.738	46.975	0.20159	26.45	0
"2011-01-04	03:00:00"	4.1526	294.19	33.867	49.358	0.16619	26.459	0
"2011-01-04	04:00:00"	5.2052	303.96	34.777	49.93	0.19248	26.462	0
"2011-01-04	05:00:00"	5.4426	315.88	35.073	49.537	0.1628	26.459	0
"2011-01-04	06:00:00"	14.481	354.3	34.757	45.591	0.16301	26.477	0
"2011-01-04	07:00:00"	15.014	359.31	28.77	52.048	0.20265	26.491	0
"2011-01-04	08:00:00"	14.959	358.02	25.07	61.325	1.5572	26.503	0
"2011-01-04	09:00:00"	12.019	349.04	25.03	62.007	92.717	26.53	0
"2011-01-04	10:00:00"	9.9233	4.8745	29.993	53.239	255.02	26.542	0
"2011-01-04	11:00:00"	5.2332	31.377	36.239	42.858	417.14	26.547	0
"2011-01-04	12:00:00"	3.9426	66.988	42.489	34.143	530.67	26.518	0
"2011-01-04	13:00:00"	2.1388	65.378	49.153	26.675	587.21	26.474	0
"2011-01-04	14:00:00"	3.1808	159.3	53.893	23.046	578.57	26.441	0
"2011-01-04	15:00:00"	5.1468	193.21	56.828	21.373	496.65	26.423	0
"2011-01-04	16:00:00"	6.8463	202.99	58.632	20.603	353.25	26.415	0
"2011-01-04	17:00:00"	7.9467	197.08	57.899	21.158	166.83	26.412	0
"2011-01-04	18:00:00"	7.0426	190.12	54.826	23.324	49.18	26.409	0
"2011-01-04	19:00:00"	6.1441	196.22	51.387	26.676	0.4583	26.429	0
"2011-01-04	20:00:00"	4.5565	219.34	48.099	29.803	0.15623	26.444	0
"2011-01-04	21:00:00"	4.8007	269.16	41.33	37.334	0.1575	26.459	0
"2011-01-04	22:00:00"	7.07	304.01	38.928	38.904	0.16089	26.468	0
"2011-01-04	23:00:00"	7.718	316.57	37.852	37.614	0.14351	26.474	0
"2011-01-05	00:00:00"	8.2624	305.59	36.697	38.619	0.15877	26.471	0
"2011-01-05	01:00:00"	10.187	308	36.753	37.049	0.19651	26.462	0
"2011-01-05	02:00:00"	11.416	320.56	37.235	37.158	0.18336	26.465	0
"2011-01-05	03:00:00"	8.9117	25.323	34.127	41.108	0.18654	26.468	0
"2011-01-05	04:00:00"	11.526	58.39	31.79	45.083	0.15898	26.471	0
"2011-01-05	05:00:00"	11.408	331.62	34.576	43.566	0.17637	26.477	0
"2011-01-05	06:00:00"	11.546	309.56	33.109	47.078	0.18251	26.477	0
"2011-01-05	07:00:00"	13.744	318.17	34.307	45.498	0.23191	26.477	0
"2011-01-05	08:00:00"	10.396	312.26	30.027	52.633	2.6402	26.503	0
"2011-01-05	09:00:00"	10.628	313.46	32.33	48.185	100.31	26.524	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-05	10:00:00"	11.786	315.15	39.243	37.163	274.49	26.545	0
"2011-01-05	11:00:00"	13.62	319.42	47.336	26.161	438.71	26.545	0
"2011-01-05	12:00:00"	12.602	314.68	52.718	19.048	548.88	26.53	0
"2011-01-05	13:00:00"	10.049	300.34	56.808	13.832	525.25	26.497	0
"2011-01-05	14:00:00"	11.497	292.65	59.779	11.308	569.54	26.468	0
"2011-01-05	15:00:00"	10.89	280.2	61.01	9.6842	459.17	26.459	0
"2011-01-05	16:00:00"	9.538	281	61.244	9.2764	294.56	26.456	0
"2011-01-05	17:00:00"	5.5992	272.05	58.761	9.9089	96.584	26.459	0
"2011-01-05	18:00:00"	1.9915	258.87	53.875	11.17	29.98	26.462	0
"2011-01-05	19:00:00"	3.0951	274.45	49.34	12.661	0.34086	26.477	0
"2011-01-05	20:00:00"	4.4944	303.6	43.251	16.896	0.19227	26.485	0
"2011-01-05	21:00:00"	6.456	305.83	40.813	19.768	0.14733	26.491	0
"2011-01-05	22:00:00"	5.6601	294.3	39.152	22.166	0.17107	26.483	0
"2011-01-05	23:00:00"	6.4504	303.49	38.061	23.248	0.18124	26.483	0
"2011-01-06	00:00:00"	8.3233	309.99	38.503	22.818	0.15729	26.494	0
"2011-01-06	01:00:00"	9.7093	305.67	37.308	24.344	0.17609	26.491	0
"2011-01-06	02:00:00"	9.2572	307.01	37.363	25.607	0.20816	26.512	0
"2011-01-06	03:00:00"	8.8595	305.9	36.949	27.352	0.18188	26.518	0
"2011-01-06	04:00:00"	10.369	314.33	36.639	27.772	0.16704	26.512	0
"2011-01-06	05:00:00"	12.419	326.12	36.883	30.722	0.15008	26.527	0
"2011-01-06	06:00:00"	11.938	323.98	38.504	33.546	0.15051	26.542	0
"2011-01-06	07:00:00"	12.509	330.06	35.532	37.499	0.1876	26.542	0
"2011-01-06	08:00:00"	14.434	340.47	32.973	40.354	1.7599	26.556	0
"2011-01-06	09:00:00"	11.943	342.57	33.22	41.083	53.405	26.571	0
"2011-01-06	10:00:00"	12.416	346.03	36.219	38.985	167.19	26.589	0
"2011-01-06	11:00:00"	7.892	10.212	41.607	34.149	345.72	26.595	0
"2011-01-06	12:00:00"	3.6767	88.618	45.704	29.259	433.42	26.595	0
"2011-01-06	13:00:00"	2.1344	160.02	49.78	24.338	510.47	26.559	0
"2011-01-06	14:00:00"	2.5986	227.05	53.308	20.749	474.88	26.521	0
"2011-01-06	15:00:00"	2.8024	246.55	55.963	18.461	433.17	26.506	0
"2011-01-06	16:00:00"	3.9059	239.85	56.541	18.03	267.1	26.491	0
"2011-01-06	17:00:00"	5.5625	218.2	55.392	18.673	135.84	26.483	0
"2011-01-06	18:00:00"	4.2694	204.52	53.172	20.084	36.682	26.462	0
"2011-01-06	19:00:00"	2.8906	186.48	49.48	22.721	0.29508	26.474	0
"2011-01-06	20:00:00"	2.9869	225.12	46.529	24.994	0.15729	26.465	0
"2011-01-06	21:00:00"	5.7147	244.93	45.741	25.857	0.1823	26.462	0
"2011-01-06	22:00:00"	6.9016	256.1	43.838	27.436	0.16662	26.45	0
"2011-01-06	23:00:00"	7.5509	256.89	43.01	28.446	0.17404	26.447	0
"2011-01-07	00:00:00"	6.681	267.82	42.291	29.244	0.16153	26.435	0
"2011-01-07	01:00:00"	5.1549	274.12	38.702	31.722	0.15453	26.418	0
"2011-01-07	02:00:00"	4.1619	281.72	35.949	34.182	0.19672	26.4	0
"2011-01-07	03:00:00"	4.5372	284.82	37.477	32.534	0.20414	26.406	0
"2011-01-07	04:00:00"	4.897	301.3	36.317	34.406	0.17213	26.391	0
"2011-01-07	05:00:00"	6.8475	287.2	38.068	32.166	0.18527	26.364	0
"2011-01-07	06:00:00"	5.1226	301.21	34.391	36.264	0.15432	26.347	0
"2011-01-07	07:00:00"	4.3241	307.3	37.65	33.953	0.17149	26.347	0
"2011-01-07	08:00:00"	6.0577	269.13	35.148	36.223	1.1364	26.35	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-07	09:00:00"	4.646	290.98	34.336	37.98	52.057	26.356	0
"2011-01-07	10:00:00"	3.2889	270.38	42.607	30.872	106.99	26.364	0
"2011-01-07	11:00:00"	3.0708	273.38	47.099	26.901	277.35	26.361	0
"2011-01-07	12:00:00"	5.3804	291.38	55.847	19.494	535.38	26.338	0
"2011-01-07	13:00:00"	6.3653	293.2	60.623	16.643	403.34	26.291	0
"2011-01-07	14:00:00"	7.677	299	62.218	16.213	321.88	26.27	0
"2011-01-07	15:00:00"	8.1076	304.58	63.256	16.575	480.5	26.27	0
"2011-01-07	16:00:00"	10.154	304.61	65.789	14.943	395.75	26.267	0
"2011-01-07	17:00:00"	11.677	357.65	63.517	15.097	220.17	26.276	0
"2011-01-07	18:00:00"	12.091	25.125	57.329	19.027	77.599	26.296	0
"2011-01-07	19:00:00"	6.5704	16.878	50.135	25.054	1.0868	26.311	0
"2011-01-07	20:00:00"	7.8181	351.62	43.053	32.455	0.13991	26.332	0
"2011-01-07	21:00:00"	8.0151	0.90018	40.443	36.762	0.15814	26.347	0
"2011-01-07	22:00:00"	7.6516	7.2614	39.42	38.479	0.15581	26.364	0
"2011-01-07	23:00:00"	6.2547	50.651	38.022	41.773	0.14881	26.361	0
"2011-01-08	00:00:00"	9.6785	156.55	36.947	45.148	0.16238	26.353	0
"2011-01-08	01:00:00"	7.723	36.327	36.31	48.837	0.13779	26.347	0
"2011-01-08	02:00:00"	9.6685	8.0857	32.643	57.244	0.14203	26.341	0
"2011-01-08	03:00:00"	5.3463	335.4	31.101	63.321	0.18061	26.344	0
"2011-01-08	04:00:00"	5.6017	326.73	30.053	68.333	0.18463	26.338	0
"2011-01-08	05:00:00"	6.1802	334.01	30.27	70.41	0.15008	26.32	0
"2011-01-08	06:00:00"	6.6356	339.05	29.2	73.247	0.16556	26.308	0
"2011-01-08	07:00:00"	5.6607	334.85	28.707	75.043	0.16195	26.317	0
"2011-01-08	08:00:00"	4.9256	323.2	29.196	76.441	2.3182	26.317	0
"2011-01-08	09:00:00"	4.3813	337.7	33.197	69.66	54.476	26.326	0
"2011-01-08	10:00:00"	5.3929	123.67	39.714	56.954	172.48	26.344	0
"2011-01-08	11:00:00"	9.8866	152.85	46.6	44.221	394.19	26.32	0
"2011-01-08	12:00:00"	13.138	150.18	49.429	39.531	363.79	26.273	0
"2011-01-08	13:00:00"	15.023	155.01	51.755	32.97	493.48	26.223	0
"2011-01-08	14:00:00"	13.709	155.46	54.784	28.629	594.38	26.184	0
"2011-01-08	15:00:00"	12.185	169.29	57.241	24.847	527.38	26.161	0
"2011-01-08	16:00:00"	10.842	180.28	57.352	24.431	401.86	26.158	0
"2011-01-08	17:00:00"	10.003	185.58	56.878	25.16	244.44	26.167	0
"2011-01-08	18:00:00"	9.63	186.35	55.305	26.294	80.39	26.164	0
"2011-01-08	19:00:00"	2.547	191.77	49.753	32.001	0.54097	26.158	0
"2011-01-08	20:00:00"	2.2053	271.01	45.425	36.724	0.12486	26.158	0
"2011-01-08	21:00:00"	1.8473	238.85	45.323	37.292	0.17086	26.167	0
"2011-01-08	22:00:00"	3.2771	152.19	46.467	35.83	0.17404	26.169	0
"2011-01-08	23:00:00"	4.523	136.29	44.835	40.96	0.17912	26.161	0
"2011-01-09	00:00:00"	3.947	196.75	44.157	42.2	0.17531	26.143	0
"2011-01-09	01:00:00"	4.656	222.27	45.363	36.546	0.14819	26.119	0
"2011-01-09	02:00:00"	6.2131	226.43	43.117	40.634	0.20944	26.119	0
"2011-01-09	03:00:00"	5.4892	264.22	36.923	53.932	0.13588	26.125	0
"2011-01-09	04:00:00"	4.9455	261.75	36.584	56.537	0.19333	26.119	0
"2011-01-09	05:00:00"	6.6915	252.24	37.509	51.466	0.15474	26.11	0
"2011-01-09	06:00:00"	6.228	282.03	32.505	57.803	0.16746	26.102	0
"2011-01-09	07:00:00"	9.2199	300.87	32.898	53.659	0.16704	26.113	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-09	08:00:00"	8.4749	303.25	32.341	54.579	1.8548	26.149	0
"2011-01-09	09:00:00"	5.1369	305.08	34.073	53.872	93.213	26.181	0
"2011-01-09	10:00:00"	5.2201	268.44	43.246	41.418	264	26.205	0
"2011-01-09	11:00:00"	7.7062	233.18	52.546	30.607	426.46	26.22	0
"2011-01-09	12:00:00"	8.9863	231.5	57.498	24.7	542.72	26.205	0
"2011-01-09	13:00:00"	10.174	255.52	60.738	20.924	599.85	26.161	0
"2011-01-09	14:00:00"	9.3274	258.01	62.779	19.984	596.23	26.143	0
"2011-01-09	15:00:00"	9.2932	256.68	63.76	19.88	532.13	26.146	0
"2011-01-09	16:00:00"	11.038	263.87	64.551	19.143	408.99	26.152	0
"2011-01-09	17:00:00"	10.734	261.93	64.256	18.783	237.92	26.155	0
"2011-01-09	18:00:00"	7.1458	264.24	60.929	20.692	54.769	26.161	0
"2011-01-09	19:00:00"	3.0888	262.09	54.893	24.268	0.83901	26.178	0
"2011-01-09	20:00:00"	4.9971	246.21	51.653	26.435	0.14987	26.196	0
"2011-01-09	21:00:00"	3.9059	273.97	47.175	31.223	0.13906	26.217	0
"2011-01-09	22:00:00"	3.8245	298.77	42.842	36.094	0.15263	26.217	0
"2011-01-09	23:00:00"	3.8363	282.19	41.533	38.641	0.18103	26.217	0
"2011-01-10	00:00:00"	4.0507	286.29	37.294	45.005	0.19036	26.214	0
"2011-01-10	01:00:00"	4.5981	282.61	39.711	43.518	0.17128	26.214	0
"2011-01-10	02:00:00"	10.26	262.73	43.516	38.781	0.15453	26.223	0
"2011-01-10	03:00:00"	5.6104	251.12	46.367	34.29	0.10747	26.234	0
"2011-01-10	04:00:00"	1.3471	255.7	42.376	39.084	0.13715	26.237	0
"2011-01-10	05:00:00"	4.5677	262.77	39.724	42.7	0.18039	26.246	0
"2011-01-10	06:00:00"	9.4268	326.8	36.129	49.537	0.15284	26.282	0
"2011-01-10	07:00:00"	12.366	355.19	30.889	66.086	0.1717	26.305	0
"2011-01-10	08:00:00"	12.79	359.12	27.133	81.686	1.7232	26.341	0
"2011-01-10	09:00:00"	11.081	16.876	29.719	94.135	33.868	26.391	0
"2011-01-10	10:00:00"	12.521	27.066	35.048	90.414	160.48	26.412	0
"2011-01-10	11:00:00"	12.961	51.63	39.356	74.809	409.81	26.429	0
"2011-01-10	12:00:00"	11.018	52.192	41.233	68.962	481.28	26.426	0
"2011-01-10	13:00:00"	9.909	52.909	41.922	64.901	575.56	26.415	0
"2011-01-10	14:00:00"	9.8674	37.969	43.391	59.979	578.39	26.397	0
"2011-01-10	15:00:00"	9.5809	43.407	45.561	52.691	523.19	26.406	0
"2011-01-10	16:00:00"	10.423	41.812	46.595	48.317	405.69	26.426	0
"2011-01-10	17:00:00"	13.338	39.56	45.126	48.957	241.04	26.465	0
"2011-01-10	18:00:00"	16.107	23.909	36.266	62.314	69.506	26.491	0
"2011-01-10	19:00:00"	13.543	19.161	30.805	70.921	1.0432	26.527	0
"2011-01-10	20:00:00"	16.353	40.508	29.277	68.631	0.18739	26.574	0
"2011-01-10	21:00:00"	11.335	31.858	28.035	63.805	0.14012	26.633	0
"2011-01-10	22:00:00"	9.955	13.027	25.689	58.71	0.19205	26.695	0
"2011-01-10	23:00:00"	3.7015	341.49	22.986	60.865	0.16026	26.736	0
"2011-01-11	00:00:00"	13.509	10.74	22.85	58.644	0.18273	26.742	0
"2011-01-11	01:00:00"	14.125	359.35	22.45	58.789	0.19046	26.769	0
"2011-01-11	02:00:00"	13.453	1.4283	22.038	56.727	0.18993	26.787	0
"2011-01-11	03:00:00"	11.972	356.33	22.244	54.667	0.19354	26.804	0
"2011-01-11	04:00:00"	9.2479	351.1	22.446	52.289	0.20456	26.81	0
"2011-01-11	05:00:00"	9.5865	350.33	22.416	51.754	0.21643	26.819	0
"2011-01-11	06:00:00"	12.056	351.9	20.32	54.126	0.19884	26.825	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-11	07:00:00"	9.3982	2.5706	15.073	62.909	0.2124	26.843	0
"2011-01-11	08:00:00"	5.5327	47.167	10.978	70.105	2.3233	26.858	0
"2011-01-11	09:00:00"	6.7928	348.86	13.225	67.47	89.844	26.875	0
"2011-01-11	10:00:00"	5.6538	13.678	19.387	52.381	259.08	26.902	0
"2011-01-11	11:00:00"	3.6176	97.421	23.413	42.802	416.46	26.896	0
"2011-01-11	12:00:00"	3.4213	145.59	27.542	35.259	536.12	26.875	0
"2011-01-11	13:00:00"	4.4714	159.88	30.641	31.372	597.19	26.834	0
"2011-01-11	14:00:00"	4.8765	205.99	33.36	30.989	593.41	26.804	0
"2011-01-11	15:00:00"	4.6621	193.31	35.37	30.763	528.7	26.793	0
"2011-01-11	16:00:00"	5.8595	203.51	36.95	28.761	408.27	26.801	0
"2011-01-11	17:00:00"	6.5449	202.93	37.193	29.44	246.2	26.79	0
"2011-01-11	18:00:00"	6.4548	217.03	36.251	29.928	76.072	26.79	0
"2011-01-11	19:00:00"	5.4737	236.84	33.586	32.484	1.2698	26.796	0
"2011-01-11	20:00:00"	4.5615	261.68	29.49	37.232	0.20308	26.813	0
"2011-01-11	21:00:00"	4.7373	217.1	27.678	38.538	0.21304	26.813	0
"2011-01-11	22:00:00"	6.3989	146.37	28.139	36.881	0.2141	26.816	0
"2011-01-11	23:00:00"	4.7293	162.51	25.604	38.153	0.18909	26.828	0
"2011-01-12	00:00:00"	5.7172	122.33	24.371	38.01	0.25098	26.825	0
"2011-01-12	01:00:00"	5.5855	124.72	22.578	41.558	0.19173	26.816	0
"2011-01-12	02:00:00"	2.7434	188.25	21.052	46.542	0.23275	26.816	0
"2011-01-12	03:00:00"	2.9198	147.98	21.26	51.109	0.23191	26.825	0
"2011-01-12	04:00:00"	6.2087	119.01	21.337	55.43	0.24759	26.834	0
"2011-01-12	05:00:00"	6.6474	118.86	22.3	55.486	0.23975	26.822	0
"2011-01-12	06:00:00"	4.9424	111.73	23.326	54.448	0.16916	26.84	0
"2011-01-12	07:00:00"	3.6872	85.225	23.409	55.074	0.16344	26.843	0
"2011-01-12	08:00:00"	3.7102	33.17	21.961	58.144	0.89667	26.86	0
"2011-01-12	09:00:00"	5.4184	69.166	23.607	56.561	23.38	26.881	0
"2011-01-12	10:00:00"	5.4022	78.335	25.437	53.711	64.51	26.908	0
"2011-01-12	11:00:00"	7.8728	106.53	27.382	51.615	133.82	26.923	0
"2011-01-12	12:00:00"	6.9755	116.44	29.698	50.707	130.46	26.911	0
"2011-01-12	13:00:00"	7.5913	132.73	31.188	49.914	164.68	26.875	0
"2011-01-12	14:00:00"	7.5994	152.75	33.183	47.553	270.13	26.834	0
"2011-01-12	15:00:00"	9.5679	127.85	34.141	46.444	224.58	26.816	0
"2011-01-12	16:00:00"	8.3388	150.43	35.123	46.001	159.22	26.822	0
"2011-01-12	17:00:00"	6.7879	128.95	35.882	43.99	121.47	26.828	0
"2011-01-12	18:00:00"	8.0778	98.209	33.245	46.193	41.412	26.81	0
"2011-01-12	19:00:00"	4.2794	62.506	29.679	48.821	1.0523	26.798	0
"2011-01-12	20:00:00"	4.3334	63.713	27.719	50.624	0.23954	26.819	0
"2011-01-12	21:00:00"	3.1597	14.914	25.477	52.497	0.23254	26.837	0
"2011-01-12	22:00:00"	3.0503	355.07	22.403	56.963	0.20689	26.84	0
"2011-01-12	23:00:00"	3.4617	4.6982	20.013	61.039	0.20329	26.828	0
"2011-01-13	00:00:00"	2.8478	184.91	19.393	62.964	0.21601	26.831	0
"2011-01-13	01:00:00"	3.4044	217.3	18.889	64.617	0.22281	26.819	0
"2011-01-13	02:00:00"	4.6988	149.95	19.557	65.187	0.22067	26.813	0
"2011-01-13	03:00:00"	4.7634	157.28	19.269	67.116	0.21982	26.787	0
"2011-01-13	04:00:00"	4.669	179.04	20.263	67.003	0.24526	26.781	0
"2011-01-13	05:00:00"	4.1619	219.09	18.735	69.93	0.20626	26.766	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-13	06:00:00"	2.716	218.22	17.223	73.548	0.2141	26.76	0
"2011-01-13	07:00:00"	2.3357	188.66	16.279	76.481	0.18697	26.754	0
"2011-01-13	08:00:00"	2.6309	253.31	16.177	78.734	2.4087	26.757	0
"2011-01-13	09:00:00"	6.0938	218.08	20.523	69.341	90.828	26.751	0
"2011-01-13	10:00:00"	11.958	184.19	26.809	56.144	261.46	26.757	0
"2011-01-13	11:00:00"	10.1	192.16	32.004	47.935	423.84	26.751	0
"2011-01-13	12:00:00"	10.928	190.26	37.293	41.373	539.87	26.719	0
"2011-01-13	13:00:00"	10.551	208.23	41.569	37.579	598.82	26.692	0
"2011-01-13	14:00:00"	9.9475	195.08	44.623	33.864	595.9	26.648	0
"2011-01-13	15:00:00"	9.2267	191.44	47.416	30.706	532.73	26.639	0
"2011-01-13	16:00:00"	8.2648	192.56	49.383	28.853	414.18	26.633	0
"2011-01-13	17:00:00"	8.5003	193.02	50.19	28.923	252.48	26.627	0
"2011-01-13	18:00:00"	7.7727	187.69	48.849	30.479	79.89	26.624	0
"2011-01-13	19:00:00"	3.8513	230.19	42.988	36.411	1.3064	26.624	0
"2011-01-13	20:00:00"	4.3167	237.11	39.074	41.83	0.19968	26.615	0
"2011-01-13	21:00:00"	3.6313	294.61	37.282	46.302	0.18209	26.618	0
"2011-01-13	22:00:00"	5.9235	220.26	37.532	48.475	0.19968	26.604	0
"2011-01-13	23:00:00"	6.2572	221.67	34.986	53.642	0.18188	26.598	0
"2011-01-14	00:00:00"	6.4964	236.6	34.92	58.667	0.15241	26.595	0
"2011-01-14	01:00:00"	5.6308	241.26	33.11	65.536	0.18455	26.583	0
"2011-01-14	02:00:00"	8.4351	248.89	32.791	69.328	0.16895	26.568	0
"2011-01-14	03:00:00"	8.3655	252.65	31.399	72.084	0.18167	26.55	0
"2011-01-14	04:00:00"	9.2292	246.03	30.948	73.77	0.18103	26.53	0
"2011-01-14	05:00:00"	8.8651	253.31	28.327	78.655	0.17128	26.515	0
"2011-01-14	06:00:00"	8.9732	253.8	26.409	83.987	0.17658	26.497	0
"2011-01-14	07:00:00"	8.6221	258.28	24.667	87.377	0.13185	26.488	0
"2011-01-14	08:00:00"	7.8815	257.95	24.007	90.539	2.5048	26.497	0
"2011-01-14	09:00:00"	7.7373	252.61	25.644	90.619	93.252	26.506	0
"2011-01-14	10:00:00"	4.0209	201.06	31.312	78.396	256	26.521	0
"2011-01-14	11:00:00"	3.8767	185.55	39.154	57.939	416.74	26.512	0
"2011-01-14	12:00:00"	8.4637	190.02	47.121	41.285	536.32	26.494	0
"2011-01-14	13:00:00"	7.1482	219.72	52.141	32.803	594.52	26.465	0
"2011-01-14	14:00:00"	5.6097	203.17	56.07	27.358	592.44	26.432	0
"2011-01-14	15:00:00"	5.1518	211.57	59.601	22.871	530.16	26.432	0
"2011-01-14	16:00:00"	3.8643	194.01	62.078	20.857	413.71	26.435	0
"2011-01-14	17:00:00"	3.7177	133.2	62.932	19.392	249.12	26.45	0
"2011-01-14	18:00:00"	3.6934	153.6	60.282	21.509	54.6	26.471	0
"2011-01-14	19:00:00"	1.9418	181.53	53.015	27.394	1.2486	26.483	0
"2011-01-14	20:00:00"	2.9422	299.08	47.489	32.89	0.15241	26.506	0
"2011-01-14	21:00:00"	4.5696	48.535	42.831	43.722	0.14796	26.539	0
"2011-01-14	22:00:00"	5.6669	358.42	37.739	57.808	0.1681	26.574	0
"2011-01-14	23:00:00"	4.0439	13.428	35.989	72.249	0.14881	26.589	0
"2011-01-15	00:00:00"	5.3668	347.73	34.204	83.392	0.12719	26.598	0
"2011-01-15	01:00:00"	8.2104	343.21	32.127	87.072	0.12261	26.607	0
"2011-01-15	02:00:00"	7.9486	324.9	31.829	88.809	0.0903	26.615	0
"2011-01-15	03:00:00"	7.2371	334.55	31.237	90.172	0.1151	26.607	0
"2011-01-15	04:00:00"	8.2245	10.042	32.041	93.863	0.11362	26.618	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-15	05:00:00"	7.792	354.92	33.049	84.101	0.12804	26.612	0
"2011-01-15	06:00:00"	5.8111	343.01	33.85	82.856	0.10747	26.607	0
"2011-01-15	07:00:00"	5.2319	293.8	34.403	88.583	0.14097	26.609	0
"2011-01-15	08:00:00"	6.292	289	32.227	90.187	0.75486	26.624	0
"2011-01-15	09:00:00"	8.483	333.18	31.366	94.187	25.775	26.645	0
"2011-01-15	10:00:00"	13.864	341.41	33.25	92.179	99.419	26.657	0
"2011-01-15	11:00:00"	3.924	131.56	39.074	80.661	354.78	26.645	0
"2011-01-15	12:00:00"	3.9979	176.19	43.187	74.128	532.16	26.621	0
"2011-01-15	13:00:00"	3.4996	167.68	48.05	60.762	590.68	26.58	0
"2011-01-15	14:00:00"	3.4623	230.09	53.074	45.954	594.99	26.547	0
"2011-01-15	15:00:00"	4.3757	230.58	55.859	37.494	531.95	26.521	0
"2011-01-15	16:00:00"	2.8745	249.85	58.107	31.336	411.01	26.515	0
"2011-01-15	17:00:00"	3.3306	177.25	58.187	29.977	252.02	26.503	0
"2011-01-15	18:00:00"	3.9799	176.27	56.216	31.609	81.144	26.485	0
"2011-01-15	19:00:00"	4.9803	185.48	50.733	39.317	1.4436	26.483	0
"2011-01-15	20:00:00"	4.9623	205.75	46.081	50.765	0.1416	26.491	0
"2011-01-15	21:00:00"	4.3459	215.81	43.94	56.689	0.11913	26.494	0
"2011-01-15	22:00:00"	5.3015	212.81	42.67	60.723	0.15326	26.5	0
"2011-01-15	23:00:00"	7.2222	208.3	40.676	69.369	0.16407	26.48	0
"2011-01-16	00:00:00"	7.111	252.71	38.485	73.883	0.16534	26.474	0
"2011-01-16	01:00:00"	6.4623	256.94	38.051	75.628	0.21113	26.468	0
"2011-01-16	02:00:00"	6.1882	266.04	38.452	76.645	0.15474	26.444	0
"2011-01-16	03:00:00"	5.7924	268.99	36.479	79.747	0.13079	26.441	0
"2011-01-16	04:00:00"	7.4372	267.37	34.769	84.764	0.11998	26.426	0
"2011-01-16	05:00:00"	7.508	274.33	34.188	85.465	0.08543	26.418	0
"2011-01-16	06:00:00"	6.3684	283.59	32.415	87.061	0.10281	26.403	0
"2011-01-16	07:00:00"	5.5824	282.79	32.3	87.939	0.08331	26.388	0
"2011-01-16	08:00:00"	4.9952	289.07	31.021	89.209	2.3841	26.441	0
"2011-01-16	09:00:00"	4.2309	311.66	35.46	83.264	91.888	26.456	0
"2011-01-16	10:00:00"	3.983	296.34	44.124	64.757	262.86	26.468	0
"2011-01-16	11:00:00"	2.7651	255.72	50.716	45.903	441.03	26.471	0
"2011-01-16	12:00:00"	3.5263	110.39	52.706	42.314	527.08	26.447	0
"2011-01-16	13:00:00"	4.0109	145.83	55.666	33.694	612.02	26.42	0
"2011-01-16	14:00:00"	3.448	173.57	57.899	29.33	605.3	26.385	0
"2011-01-16	15:00:00"	3.8948	213.49	59.825	27.155	507.3	26.364	0
"2011-01-16	16:00:00"	3.4318	169.69	61.097	25.662	411.47	26.367	0
"2011-01-16	17:00:00"	3.9855	191.32	60.798	25.294	257.89	26.364	0
"2011-01-16	18:00:00"	2.3146	182.48	59.641	25.606	88.014	26.356	0
"2011-01-16	19:00:00"	1.3273	168.29	54.038	30.893	1.2831	26.356	0
"2011-01-16	20:00:00"	1.6895	173.53	51.007	33.619	0.15983	26.364	0
"2011-01-16	21:00:00"	4.0631	166.65	46.99	36.375	0.14817	26.364	0
"2011-01-16	22:00:00"	3.7108	179.72	43.771	42.343	0.21961	26.353	0
"2011-01-16	23:00:00"	5.3879	196.99	43.765	45.308	0.19078	26.35	0
"2011-01-17	00:00:00"	5.9347	224.21	42.728	46.136	0.17849	26.35	0
"2011-01-17	01:00:00"	7.0731	234.38	42.117	46.412	0.14669	26.326	0
"2011-01-17	02:00:00"	6.3287	237.59	41.954	46.458	0.1787	26.314	0
"2011-01-17	03:00:00"	6.7649	246.37	40.248	50.244	0.16365	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-17	04:00:00"	7.4496	266.88	38.9	53.339	0.20816	26.279	0
"2011-01-17	05:00:00"	5.9968	271.4	37.558	57.521	0.20096	26.261	0
"2011-01-17	06:00:00"	5.8024	265.66	34.622	63.537	0.16132	26.246	0
"2011-01-17	07:00:00"	5.0169	294.57	33.584	65.745	0.13503	26.24	0
"2011-01-17	08:00:00"	6.1342	298.8	37.685	52.254	3.1613	26.232	0
"2011-01-17	09:00:00"	7.1072	300.34	40.089	45.293	93.31	26.217	0
"2011-01-17	10:00:00"	4.4869	239.36	45.059	38.148	265.6	26.232	0
"2011-01-17	11:00:00"	6.136	257.09	55.573	28.107	420.74	26.234	0
"2011-01-17	12:00:00"	11.514	287.32	64.163	24.046	531.88	26.217	0
"2011-01-17	13:00:00"	12.742	285.55	68.048	22.466	603.8	26.167	0
"2011-01-17	14:00:00"	12.025	276.22	71.509	20.504	602.76	26.119	0
"2011-01-17	15:00:00"	14.869	279.55	73.963	19.21	539.92	26.096	0
"2011-01-17	16:00:00"	20.546	300.84	76.633	18.113	404.66	26.099	0
"2011-01-17	17:00:00"	21.559	305.09	76.626	17.732	237.67	26.122	0
"2011-01-17	18:00:00"	20.276	308.96	73.903	19.384	74.311	26.125	0
"2011-01-17	19:00:00"	12.774	301.93	69.342	22.566	1.4508	26.146	0
"2011-01-17	20:00:00"	7.7522	283.91	64.761	26.68	0.09772	26.158	0
"2011-01-17	21:00:00"	14.83	312.58	63.613	24.949	0.12867	26.169	0
"2011-01-17	22:00:00"	21.121	327.44	65.178	20.717	0.11193	26.19	0
"2011-01-17	23:00:00"	12.602	340.18	61.578	23.978	0.1132	26.22	0
"2011-01-18	00:00:00"	9.5368	355.82	53.806	36.349	0.12655	26.234	0
"2011-01-18	01:00:00"	9.1281	339.03	48.303	44.46	0.14565	26.246	0
"2011-01-18	02:00:00"	9.7356	329.55	47.752	44.116	0.17721	26.255	0
"2011-01-18	03:00:00"	9.6288	310.32	49.89	37.726	0.12464	26.273	0
"2011-01-18	04:00:00"	8.8564	322.71	45.752	43.385	0.15347	26.285	0
"2011-01-18	05:00:00"	10.704	316.81	46.249	42.832	0.14563	26.302	0
"2011-01-18	06:00:00"	9.5672	335.67	44.807	44.962	0.1645	26.338	0
"2011-01-18	07:00:00"	11.714	350.56	41.221	50.098	0.13376	26.367	0
"2011-01-18	08:00:00"	12.793	352.09	40.366	56.434	3.496	26.397	0
"2011-01-18	09:00:00"	7.7267	355.76	41.678	67.936	102.44	26.441	0
"2011-01-18	10:00:00"	6.8363	21.075	47.431	60.63	262.13	26.465	0
"2011-01-18	11:00:00"	8.7806	54.031	52.494	51.234	442.87	26.483	0
"2011-01-18	12:00:00"	4.5143	77.421	56.008	44.396	560.54	26.468	0
"2011-01-18	13:00:00"	3.2324	218.09	59.607	36.518	617.03	26.453	0
"2011-01-18	14:00:00"	4.3011	303.89	62.637	29.73	636.58	26.426	0
"2011-01-18	15:00:00"	5.5818	300.56	64.225	24.739	555.84	26.426	0
"2011-01-18	16:00:00"	6.6213	305.04	65.067	21.311	433.76	26.432	0
"2011-01-18	17:00:00"	3.3417	149.06	65.116	21.508	270.48	26.412	0
"2011-01-18	18:00:00"	3.2864	102.9	63.432	22.236	90.856	26.418	0
"2011-01-18	19:00:00"	1.7231	117.54	56.6	27.882	1.8824	26.42	0
"2011-01-18	20:00:00"	2.6309	115.81	50.453	33.133	0.14648	26.423	0
"2011-01-18	21:00:00"	3.2392	117.21	49.256	37.05	0.15517	26.429	0
"2011-01-18	22:00:00"	4.0327	128.94	48.944	38.11	0.16513	26.423	0
"2011-01-18	23:00:00"	6.8922	143.56	50.004	37.512	0.14839	26.42	0
"2011-01-19	00:00:00"	4.3042	176.86	45.804	45.533	0.17022	26.412	0
"2011-01-19	01:00:00"	3.5605	207.58	43.038	50.717	0.13842	26.391	0
"2011-01-19	02:00:00"	4.5298	220.22	43.647	50.809	0.17594	26.37	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-19	03:00:00"	4.0837	213.31	41.649	55.015	0.1575	26.358	0
"2011-01-19	04:00:00"	4.111	229.17	39.502	59.545	0.1734	26.341	0
"2011-01-19	05:00:00"	4.2477	212.56	39.186	63.801	0.14669	26.311	0
"2011-01-19	06:00:00"	6.3684	212.92	39.28	66.23	0.15686	26.299	0
"2011-01-19	07:00:00"	5.3102	215.4	39.262	66.075	0.15602	26.288	0
"2011-01-19	08:00:00"	6.1137	223.66	40.354	63.756	1.5604	26.288	0
"2011-01-19	09:00:00"	4.8318	208.71	38.377	68.955	54.267	26.294	0
"2011-01-19	10:00:00"	8.6091	191.68	43.574	60.682	101.27	26.296	0
"2011-01-19	11:00:00"	9.1025	185.91	46.96	57.262	243.58	26.291	0
"2011-01-19	12:00:00"	11.296	196.32	56.002	38.909	573.4	26.264	0
"2011-01-19	13:00:00"	12.109	213.6	60.695	30.268	559.88	26.226	0
"2011-01-19	14:00:00"	11.914	216.02	65.268	24.616	563.91	26.181	0
"2011-01-19	15:00:00"	13.062	209.36	69.641	19.782	525.39	26.155	0
"2011-01-19	16:00:00"	11.295	229.72	73.167	16.081	429.6	26.143	0
"2011-01-19	17:00:00"	11.659	224.83	73.496	15.162	228.56	26.137	0
"2011-01-19	18:00:00"	9.0677	218.38	70.976	15.937	82.419	26.14	0
"2011-01-19	19:00:00"	7.1787	224.4	66.146	19.199	2.0621	26.155	0
"2011-01-19	20:00:00"	2.1102	260.7	58.483	24.771	0.13609	26.175	0
"2011-01-19	21:00:00"	2.5321	252.55	57.033	26.42	0.12698	26.196	0
"2011-01-19	22:00:00"	3.8419	309.04	54.848	30.347	0.12719	26.208	0
"2011-01-19	23:00:00"	1.7902	283.17	52.109	33.929	0.14139	26.217	0
"2011-01-20	00:00:00"	4.5714	299.18	50.758	35.932	0.16895	26.229	0
"2011-01-20	01:00:00"	4.4435	267.89	50.559	36.124	0.14819	26.276	0
"2011-01-20	02:00:00"	19.124	14.059	44.972	56.328	0.11129	26.326	0
"2011-01-20	03:00:00"	21.611	18.393	38.418	74.485	0.15326	26.385	0
"2011-01-20	04:00:00"	21.048	19.665	35.653	77.405	0.18209	26.435	0
"2011-01-20	05:00:00"	21.788	19.439	32.414	78.778	0.18463	26.456	0
"2011-01-20	06:00:00"	21.156	9.5173	31.466	75.226	0.15983	26.527	0
"2011-01-20	07:00:00"	18.442	8.9729	30.297	71.594	0.18548	26.565	0
"2011-01-20	08:00:00"	18.086	359.05	30.22	64.639	0.92826	26.607	0
"2011-01-20	09:00:00"	20.222	354	29.394	62.943	42.769	26.66	0
"2011-01-20	10:00:00"	19.338	353.9	28.676	59.604	138.04	26.692	0
"2011-01-20	11:00:00"	17.178	356.68	30.03	54.575	360.57	26.713	0
"2011-01-20	12:00:00"	14.84	358.42	32.202	48.986	551.26	26.71	0
"2011-01-20	13:00:00"	11.423	17.275	35.347	43.271	628.23	26.686	0
"2011-01-20	14:00:00"	10.872	15.252	37.603	38.351	629.24	26.66	0
"2011-01-20	15:00:00"	9.4796	21.748	39.367	34.481	567.11	26.642	0
"2011-01-20	16:00:00"	8.6967	32.842	40.959	29.824	445.63	26.63	0
"2011-01-20	17:00:00"	6.4933	43.057	41.256	27.392	279.6	26.627	0
"2011-01-20	18:00:00"	4.4092	31.727	40.419	27.873	97.354	26.618	0
"2011-01-20	19:00:00"	3.2579	291.6	36.751	31.485	2.413	26.624	0
"2011-01-20	20:00:00"	4.0159	246.91	33.324	35.689	0.21876	26.618	0
"2011-01-20	21:00:00"	4.1514	237.6	31.532	39.246	0.18209	26.607	0
"2011-01-20	22:00:00"	4.0712	223.48	31.274	40.303	0.2105	26.607	0
"2011-01-20	23:00:00"	4.5031	233.91	29.242	42.661	0.19778	26.586	0
"2011-01-21	00:00:00"	5.1176	236.53	28.029	44.636	0.20159	26.556	0
"2011-01-21	01:00:00"	6.7938	223.48	26.745	47.032	0.18772	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-21	02:00:00"	10.033	240.86	25.712	48.012	0.2442	26.494	0
"2011-01-21	03:00:00"	8.6818	238.05	25.15	49.35	0.21791	26.459	0
"2011-01-21	04:00:00"	9.4156	231.52	24.196	52.631	0.20202	26.423	0
"2011-01-21	05:00:00"	11.994	232.37	23.638	56.437	0.20435	26.403	0
"2011-01-21	06:00:00"	10.523	233.53	24.343	58.999	0.20668	26.373	0
"2011-01-21	07:00:00"	12.401	231.21	24.243	61.505	0.20965	26.356	0
"2011-01-21	08:00:00"	9.4759	247.4	24.276	63.281	1.8858	26.353	0
"2011-01-21	09:00:00"	6.0956	232.24	27.675	59.182	99.495	26.358	0
"2011-01-21	10:00:00"	7.6789	218.92	33.076	50.112	277.5	26.358	0
"2011-01-21	11:00:00"	6.2106	228.18	39.777	40.476	446.94	26.353	0
"2011-01-21	12:00:00"	12.351	294.91	52.659	24.988	496.05	26.35	0
"2011-01-21	13:00:00"	17.626	333.26	59.8	15.92	629.02	26.338	0
"2011-01-21	14:00:00"	18.659	352.61	60.955	14.824	624.6	26.341	0
"2011-01-21	15:00:00"	16.447	4.8178	62.502	14.393	563.81	26.358	0
"2011-01-21	16:00:00"	15.753	25.34	60.628	15.551	436.86	26.385	0
"2011-01-21	17:00:00"	14.914	42.828	57.79	18.458	265.74	26.429	0
"2011-01-21	18:00:00"	11.856	49.332	55.307	20.848	92.66	26.462	0
"2011-01-21	19:00:00"	8.2232	43.938	50.436	25.165	2.6748	26.477	0
"2011-01-21	20:00:00"	4.3092	33.507	43.935	31.687	0.17891	26.494	0
"2011-01-21	21:00:00"	3.9302	1.0847	40.007	38.203	0.17128	26.5	0
"2011-01-21	22:00:00"	3.7108	313.4	36.488	43.151	0.16619	26.503	0
"2011-01-21	23:00:00"	3.6375	294.98	34.708	45.816	0.14351	26.5	0
"2011-01-22	00:00:00"	3.9929	309.42	34.096	47.396	0.21813	26.5	0
"2011-01-22	01:00:00"	8.2648	269.86	33.842	48.698	0.16153	26.503	0
"2011-01-22	02:00:00"	7.0414	272.88	33.748	47.986	0.19799	26.491	0
"2011-01-22	03:00:00"	6.2678	273.05	33.715	49.018	0.20689	26.485	0
"2011-01-22	04:00:00"	5.309	288.24	31.715	51.765	0.16513	26.462	0
"2011-01-22	05:00:00"	5.3755	279.94	32.922	49.016	0.18485	26.447	0
"2011-01-22	06:00:00"	5.2127	278.77	33.709	46.946	0.16556	26.418	0
"2011-01-22	07:00:00"	7.9908	258.12	34.462	45.655	0.20838	26.406	0
"2011-01-22	08:00:00"	6.6946	232.46	35.317	43.421	3.0921	26.397	0
"2011-01-22	09:00:00"	5.1654	193	35.308	43.523	101.96	26.388	0
"2011-01-22	10:00:00"	8.1095	199.52	39.913	36.615	283.26	26.376	0
"2011-01-22	11:00:00"	13.333	193.31	45.248	29.601	453.44	26.361	0
"2011-01-22	12:00:00"	15.143	196.44	50.766	23.986	577.19	26.317	0
"2011-01-22	13:00:00"	13.074	218.31	56.13	20.255	641.41	26.282	0
"2011-01-22	14:00:00"	12.773	218.31	61.256	17.214	640.81	26.234	0
"2011-01-22	15:00:00"	13.804	224.65	64.848	14.971	575.88	26.208	0
"2011-01-22	16:00:00"	11.932	226.72	67.227	13.779	451.74	26.193	0
"2011-01-22	17:00:00"	11.333	219.58	67.385	13.35	283.34	26.175	0
"2011-01-22	18:00:00"	5.3046	236.99	66.218	13.668	101.91	26.169	0
"2011-01-22	19:00:00"	2.0139	272.97	58.504	17.454	2.6894	26.181	0
"2011-01-22	20:00:00"	1.541	340.98	52.649	21.257	0.13821	26.196	0
"2011-01-22	21:00:00"	3.228	286	49.584	23.046	0.16216	26.193	0
"2011-01-22	22:00:00"	4.088	309.48	45.884	26.514	0.14945	26.205	0
"2011-01-22	23:00:00"	7.0637	314.76	44.895	27.595	0.12782	26.226	0
"2011-01-23	00:00:00"	13.096	334.44	49.901	24.394	0.13143	26.252	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-23	01:00:00"	13.945	1.3771	45.584	30.52	0.14797	26.27	0
"2011-01-23	02:00:00"	13.785	8.5561	44.261	37.697	0.18612	26.276	0
"2011-01-23	03:00:00"	10.524	96.21	43.732	43.778	0.10747	26.288	0
"2011-01-23	04:00:00"	14.331	20.116	42.83	46.448	0.14203	26.323	0
"2011-01-23	05:00:00"	14.925	4.8734	41.488	49.884	0.18972	26.364	0
"2011-01-23	06:00:00"	14.8	359.21	39.902	52.863	0.14309	26.388	0
"2011-01-23	07:00:00"	12.879	357.26	38.276	57.371	0.17404	26.418	0
"2011-01-23	08:00:00"	12.236	353.82	38.627	57.995	2.9747	26.447	0
"2011-01-23	09:00:00"	11.607	349.28	39.394	57.063	20.441	26.491	0
"2011-01-23	10:00:00"	14.257	356.69	42.216	52.981	60.541	26.518	0
"2011-01-23	11:00:00"	15.161	2.8047	43.579	48.589	114.16	26.539	0
"2011-01-23	12:00:00"	14.122	10.916	44.545	39.11	210.85	26.539	0
"2011-01-23	13:00:00"	10.518	23.138	48.158	29.705	581.81	26.509	0
"2011-01-23	14:00:00"	8.9707	36.792	50.195	23.458	601.74	26.483	0
"2011-01-23	15:00:00"	6.5617	35.109	51.081	23.409	583.44	26.477	0
"2011-01-23	16:00:00"	4.8144	46.434	51.563	23.141	460.66	26.471	0
"2011-01-23	17:00:00"	3.3088	32.473	51.952	23.177	290.19	26.471	0
"2011-01-23	18:00:00"	2.7154	308.58	51.602	23.782	107.31	26.471	0
"2011-01-23	19:00:00"	3.612	252.67	47.53	27.472	2.7962	26.471	0
"2011-01-23	20:00:00"	3.5791	219.94	42.62	31.979	0.14648	26.483	0
"2011-01-23	21:00:00"	4.0433	228.77	39.019	37.829	0.20583	26.48	0
"2011-01-23	22:00:00"	4.9244	224.44	35.821	45.783	0.17107	26.471	0
"2011-01-23	23:00:00"	7.1103	243.69	34.888	50.932	0.16428	26.468	0
"2011-01-24	00:00:00"	7.9094	245.98	33.434	57.4	0.19523	26.459	0
"2011-01-24	01:00:00"	8.5165	241.96	32.854	62.307	0.18654	26.438	0
"2011-01-24	02:00:00"	6.7866	236.3	31.731	66.217	0.14817	26.418	0
"2011-01-24	03:00:00"	7.037	241.34	30.257	70.428	0.15241	26.415	0
"2011-01-24	04:00:00"	3.9488	259.58	30.5	71.784	0.13969	26.394	0
"2011-01-24	05:00:00"	7.1737	257.61	29.713	70.635	0.17064	26.376	0
"2011-01-24	06:00:00"	7.2209	241.23	29.92	69.481	0.21813	26.358	0
"2011-01-24	07:00:00"	8.1083	239.55	30.488	66.985	0.16301	26.356	0
"2011-01-24	08:00:00"	8.0791	259	29.061	69.854	3.3219	26.364	0
"2011-01-24	09:00:00"	3.2504	251.35	31.317	65.736	106.49	26.364	0
"2011-01-24	10:00:00"	5.4532	221.56	36.966	54.779	291.68	26.367	0
"2011-01-24	11:00:00"	6.6971	222.2	45.436	41.152	468.32	26.35	0
"2011-01-24	12:00:00"	7.1476	260.62	53.708	27.979	589.31	26.332	0
"2011-01-24	13:00:00"	10.454	280.51	57.313	19.826	654.91	26.311	0
"2011-01-24	14:00:00"	13.491	296.57	58.644	14.413	658.22	26.291	0
"2011-01-24	15:00:00"	14.531	307.27	58.69	14.074	591.05	26.294	0
"2011-01-24	16:00:00"	17.024	334.85	56.608	16.395	418.19	26.314	0
"2011-01-24	17:00:00"	20.684	352.26	52.881	22.763	216.78	26.353	0
"2011-01-24	18:00:00"	19.422	1.843	49.113	26.619	74.155	26.397	0
"2011-01-24	19:00:00"	18.916	359.92	45.874	31.457	2.8297	26.441	0
"2011-01-24	20:00:00"	20.104	0.85801	43.683	35.368	0.11786	26.477	0
"2011-01-24	21:00:00"	20.003	354.16	41.179	44.824	0.16026	26.512	0
"2011-01-24	22:00:00"	20.001	347.75	37.803	60.75	0.17043	26.536	0
"2011-01-24	23:00:00"	20.068	350.94	36.203	68.071	0.15432	26.553	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-25"	00:00:00"	18.234	352.87	35.899	69.811	0.15962	26.568	0
"2011-01-25"	01:00:00"	16.067	346.14	33.316	75.913	0.17799	26.577	0
"2011-01-25"	02:00:00"	12.815	331.64	31.388	80.746	0.12952	26.586	0
"2011-01-25"	03:00:00"	11.568	345.35	29.538	84.196	0.13927	26.592	0
"2011-01-25"	04:00:00"	8.9726	324.72	28.012	86.564	0.16789	26.601	0
"2011-01-25"	05:00:00"	6.5828	305.13	25.624	87.616	0.14245	26.595	0
"2011-01-25"	06:00:00"	9.5567	335.33	22.266	90.632	0.13651	26.589	0
"2011-01-25"	07:00:00"	9.1839	332.7	22.155	88.866	0.13461	26.589	0
"2011-01-25"	08:00:00"	6.484	315.42	19.972	89.303	4.467	26.604	0
"2011-01-25"	09:00:00"	5.834	304.38	22.908	86.835	109.72	26.612	0
"2011-01-25"	10:00:00"	4.9138	305.26	30.775	78.575	293.01	26.618	0
"2011-01-25"	11:00:00"	4.6963	295.79	37.94	57.283	467.59	26.615	0
"2011-01-25"	12:00:00"	3.2311	201.83	42.149	39.815	594.32	26.592	0
"2011-01-25"	13:00:00"	4.6764	203.77	44.548	30.992	660.61	26.553	0
"2011-01-25"	14:00:00"	5.8334	222.28	46.298	26.504	662.53	26.521	0
"2011-01-25"	15:00:00"	7.321	215.77	47.769	26.181	596.28	26.488	0
"2011-01-25"	16:00:00"	9.1702	216.15	48.878	26.313	427.81	26.474	0
"2011-01-25"	17:00:00"	8.6743	231.77	49.254	23.579	297.13	26.468	0
"2011-01-25"	18:00:00"	8.6513	219.2	47.915	23.165	122.67	26.456	0
"2011-01-25"	19:00:00"	5.7402	205.03	43.508	26.516	2.7061	26.456	0
"2011-01-25"	20:00:00"	4.7106	223.51	38.906	31.304	0.16556	26.459	0
"2011-01-25"	21:00:00"	4.6435	227.31	36.867	34.975	0.18018	26.459	0
"2011-01-25"	22:00:00"	4.8834	219.82	35.391	38.151	0.18781	26.465	0
"2011-01-25"	23:00:00"	4.8778	234.49	33.91	40.054	0.16683	26.477	0
"2011-01-26"	00:00:00"	6.7381	236.03	35.653	36.607	0.19566	26.483	0
"2011-01-26"	01:00:00"	5.1865	232.25	33.737	39.379	0.21034	26.477	0
"2011-01-26"	02:00:00"	4.769	245.38	32.981	42.394	0.21961	26.474	0
"2011-01-26"	03:00:00"	4.9759	282.71	30.212	46.238	0.223	26.471	0
"2011-01-26"	04:00:00"	4.6218	284.47	26.613	53.199	0.16768	26.477	0
"2011-01-26"	05:00:00"	5.0244	264.49	28.875	53.965	0.21134	26.477	0
"2011-01-26"	06:00:00"	6.0435	283.1	28.947	54.5	0.19545	26.491	0
"2011-01-26"	07:00:00"	6.3572	263.77	30.958	56.824	0.17933	26.509	0
"2011-01-26"	08:00:00"	6.7885	266.24	32.966	53.791	2.0674	26.521	0
"2011-01-26"	09:00:00"	6.8258	294.44	29.6	57.54	66.11	26.545	0
"2011-01-26"	10:00:00"	4.1402	284.7	37.535	47.044	243.8	26.565	0
"2011-01-26"	11:00:00"	5.5414	25.412	42.989	35.941	465.56	26.58	0
"2011-01-26"	12:00:00"	8.9105	11.208	45.63	27.889	604.52	26.574	0
"2011-01-26"	13:00:00"	8.6122	8.6785	48.27	25.333	621.42	26.553	0
"2011-01-26"	14:00:00"	7.7665	8.842	51.601	22.594	573.83	26.533	0
"2011-01-26"	15:00:00"	6.4486	24.741	53.087	21.434	558.8	26.524	0
"2011-01-26"	16:00:00"	7.7889	44.293	53.589	21.626	466.24	26.53	0
"2011-01-26"	17:00:00"	7.7149	34.582	53.603	21.182	303.13	26.539	0
"2011-01-26"	18:00:00"	5.9913	61.414	52.357	21.481	115.84	26.559	0
"2011-01-26"	19:00:00"	4.2278	3.1719	46.375	25.931	3.7359	26.574	0
"2011-01-26"	20:00:00"	7.4527	343.88	40.23	31.465	0.16407	26.601	0
"2011-01-26"	21:00:00"	7.7646	346.16	36.158	36.893	0.17001	26.618	0
"2011-01-26"	22:00:00"	6.8046	337.66	33.637	41.447	0.1575	26.627	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-26	23:00:00"	8.222	342.61	33.546	43.106	0.18082	26.642	0
"2011-01-27	00:00:00"	8.8241	340.5	33.234	46.056	0.24166	26.654	0
"2011-01-27	01:00:00"	8.3058	341.63	32.643	52.798	0.19068	26.657	0
"2011-01-27	02:00:00"	7.019	311.14	30.173	59.607	0.18357	26.642	0
"2011-01-27	03:00:00"	6.9755	288.13	26.723	65.741	0.22427	26.63	0
"2011-01-27	04:00:00"	6.3237	288.03	25.996	70.412	0.18506	26.615	0
"2011-01-27	05:00:00"	6.576	286.2	26.883	72.912	0.22279	26.612	0
"2011-01-27	06:00:00"	6.0062	287.93	26.9	74.82	0.18315	26.618	0
"2011-01-27	07:00:00"	9.0875	306.65	26.961	70.476	0.19651	26.633	0
"2011-01-27	08:00:00"	7.0488	303.73	25.879	73.844	4.9215	26.639	0
"2011-01-27	09:00:00"	4.9716	304.12	29.218	68.22	112.31	26.639	0
"2011-01-27	10:00:00"	6.5729	296.19	39.392	50.211	300.93	26.657	0
"2011-01-27	11:00:00"	7.4975	270.58	48.164	36.241	477.83	26.651	0
"2011-01-27	12:00:00"	8.084	274.03	53.601	27.791	606.05	26.639	0
"2011-01-27	13:00:00"	9.0652	286.14	56.638	21.596	672.76	26.615	0
"2011-01-27	14:00:00"	8.1107	277.4	58.798	17.511	676.41	26.58	0
"2011-01-27	15:00:00"	8.3494	280.06	60.067	15.655	611.2	26.556	0
"2011-01-27	16:00:00"	7.403	272.93	60.736	14.483	487.96	26.55	0
"2011-01-27	17:00:00"	7.4403	292.14	60.378	14.506	314.36	26.553	0
"2011-01-27	18:00:00"	5.0542	283	58.816	14.951	124.65	26.545	0
"2011-01-27	19:00:00"	2.9037	288.04	52.192	18.895	3.879	26.556	0
"2011-01-27	20:00:00"	2.0984	268.49	48.276	21.669	0.14181	26.565	0
"2011-01-27	21:00:00"	2.9925	291.6	44.75	24.325	0.15157	26.574	0
"2011-01-27	22:00:00"	5.7551	219.83	46.726	22.966	0.18569	26.577	0
"2011-01-27	23:00:00"	5.7564	268.33	43.679	25.434	0.16216	26.58	0
"2011-01-28	00:00:00"	7.9237	263.08	42.54	26.031	0.16365	26.58	0
"2011-01-28	01:00:00"	6.7362	269.57	40.933	28.127	0.15115	26.571	0
"2011-01-28	02:00:00"	5.4848	276.89	38.901	30.718	0.18082	26.568	0
"2011-01-28	03:00:00"	6.4318	267.96	39.538	31.327	0.18675	26.559	0
"2011-01-28	04:00:00"	6.799	272.85	36.062	34.162	0.20138	26.542	0
"2011-01-28	05:00:00"	5.7812	281.39	33.529	37.169	0.21113	26.536	0
"2011-01-28	06:00:00"	5.0685	278.43	33.822	36.642	0.18781	26.521	0
"2011-01-28	07:00:00"	5.9366	287.04	30.474	40.207	0.14627	26.524	0
"2011-01-28	08:00:00"	6.9948	280.43	33.105	36.087	5.7292	26.536	0
"2011-01-28	09:00:00"	4.9163	300.76	36.632	31.268	116.72	26.547	0
"2011-01-28	10:00:00"	6.9388	308.83	46.483	21.661	308.32	26.556	0
"2011-01-28	11:00:00"	7.0414	295.87	52.835	17.678	487.15	26.556	0
"2011-01-28	12:00:00"	4.6932	261.47	58.757	14.167	615.84	26.542	0
"2011-01-28	13:00:00"	6.3641	227.17	62.758	10.439	684.4	26.503	0
"2011-01-28	14:00:00"	6.932	222.79	64.627	9.0345	687.44	26.474	0
"2011-01-28	15:00:00"	7.1172	225.34	66.531	8.1414	622.09	26.453	0
"2011-01-28	16:00:00"	7.2402	219.26	67.417	7.5769	495.6	26.438	0
"2011-01-28	17:00:00"	10.335	185.58	65.681	8.4464	322.47	26.429	0
"2011-01-28	18:00:00"	9.7897	190.08	63.602	7.4611	131.68	26.429	0
"2011-01-28	19:00:00"	3.942	186.35	56.917	8.2939	3.7262	26.432	0
"2011-01-28	20:00:00"	1.6628	197.33	51.401	10.718	0.15135	26.435	0
"2011-01-28	21:00:00"	2.5458	193.24	48.382	12.951	0.15856	26.441	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-28	22:00:00"	4.0911	195.75	45.916	15.036	0.16344	26.438	0
"2011-01-28	23:00:00"	4.0998	184.9	43.481	17.164	0.14372	26.432	0
"2011-01-29	00:00:00"	3.4343	242.79	41.156	20.092	0.14966	26.423	0
"2011-01-29	01:00:00"	4.4925	217.86	41.708	21.879	0.1628	26.415	0
"2011-01-29	02:00:00"	5.03	214.17	41.136	24.436	0.16958	26.4	0
"2011-01-29	03:00:00"	5.4618	240.94	43.057	23.838	0.2141	26.391	0
"2011-01-29	04:00:00"	5.2624	252.6	38.976	27.153	0.19566	26.376	0
"2011-01-29	05:00:00"	5.8794	274.58	35.702	30.784	0.18188	26.379	0
"2011-01-29	06:00:00"	5.4948	265.85	34.339	32.4	0.17616	26.373	0
"2011-01-29	07:00:00"	5.6936	260.25	34.494	32.091	0.20117	26.376	0
"2011-01-29	08:00:00"	6.2852	252.67	37.189	29.135	5.4515	26.385	0
"2011-01-29	09:00:00"	2.0114	282.75	34.01	32.203	105.91	26.394	0
"2011-01-29	10:00:00"	4.746	276.66	45.763	21.223	305.45	26.403	0
"2011-01-29	11:00:00"	5.7638	266.27	55.272	15.924	483.63	26.403	0
"2011-01-29	12:00:00"	9.3547	220.28	63.102	12.71	612.7	26.388	0
"2011-01-29	13:00:00"	11.363	234.79	66.775	11.613	678.81	26.353	0
"2011-01-29	14:00:00"	13.545	258.15	68.853	10.938	677.83	26.32	0
"2011-01-29	15:00:00"	13.732	255.92	69.651	10.246	613.12	26.299	0
"2011-01-29	16:00:00"	12.559	255.43	70.412	9.9578	483.91	26.299	0
"2011-01-29	17:00:00"	13.371	265.67	69.385	9.2864	314.85	26.299	0
"2011-01-29	18:00:00"	11.364	268.28	67.289	9.1575	124.61	26.305	0
"2011-01-29	19:00:00"	8.1511	268.03	62.444	10.63	3.3109	26.326	0
"2011-01-29	20:00:00"	8.4165	271.47	59.411	12.929	0.12337	26.338	0
"2011-01-29	21:00:00"	4.4695	241.54	54.7	15.331	0.11426	26.344	0
"2011-01-29	22:00:00"	6.054	218.36	50.736	18.078	0.13969	26.356	0
"2011-01-29	23:00:00"	5.1406	251.27	46.403	21.802	0.15644	26.364	0
"2011-01-30	00:00:00"	6.1783	256.69	45.097	23.23	0.17404	26.361	0
"2011-01-30	01:00:00"	5.057	237.05	45.044	23.427	0.17524	26.344	0
"2011-01-30	02:00:00"	5.3568	210.54	42.698	25.635	0.16874	26.338	0
"2011-01-30	03:00:00"	6.9171	210.18	43.362	25.691	0.16132	26.347	0
"2011-01-30	04:00:00"	7.5764	247.16	40.62	28.537	0.12613	26.347	0
"2011-01-30	05:00:00"	5.6284	296	34.39	34.257	0.20562	26.358	0
"2011-01-30	06:00:00"	7.8013	315.75	35.86	34.826	0.16916	26.373	0
"2011-01-30	07:00:00"	12.871	330.55	34.46	52.047	0.18739	26.409	0
"2011-01-30	08:00:00"	16.812	340.86	35.349	60.396	5.489	26.426	0
"2011-01-30	09:00:00"	17.571	350.59	35.554	61.006	115.82	26.456	0
"2011-01-30	10:00:00"	16.199	0.80846	38.034	58.999	306.1	26.468	0
"2011-01-30	11:00:00"	9.548	8.6677	40.88	53.799	482.72	26.491	0
"2011-01-30	12:00:00"	7.014	353.84	44.306	46.506	610.06	26.491	0
"2011-01-30	13:00:00"	5.9944	305.32	48.665	39.323	677.02	26.471	0
"2011-01-30	14:00:00"	4.5049	319.44	52.174	33.304	678.01	26.429	0
"2011-01-30	15:00:00"	4.0433	262.21	56.47	27.948	614.34	26.409	0
"2011-01-30	16:00:00"	3.8314	228.51	59.743	24.266	487.93	26.385	0
"2011-01-30	17:00:00"	4.6267	199.66	62.52	21.151	317.91	26.373	0
"2011-01-30	18:00:00"	5.2792	196.82	62.502	20.314	136.49	26.382	0
"2011-01-30	19:00:00"	3.2678	185.32	58.377	21.574	6.6053	26.379	0
"2011-01-30	20:00:00"	2.6091	123.96	49.276	30.542	0.12973	26.376	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-01-30"	21:00:00"	4.3285	124.74	46.714	35.757	0.18697	26.379	0
"2011-01-30"	22:00:00"	6.1056	148.78	45.742	38.009	0.17616	26.382	0
"2011-01-30"	23:00:00"	4.2054	203.98	42.59	41.963	0.15496	26.379	0
"2011-01-31"	00:00:00"	4.2067	236.33	40.323	45.427	0.16958	26.379	0
"2011-01-31"	01:00:00"	5.4982	214.23	42.997	41.136	0.15981	26.37	0
"2011-01-31"	02:00:00"	4.7846	230.15	41.816	41.848	0.13694	26.35	0
"2011-01-31"	03:00:00"	4.2937	228.37	38.719	46.923	0.177	26.347	0
"2011-01-31"	04:00:00"	4.2141	229.53	38.658	47.766	0.12698	26.344	0
"2011-01-31"	05:00:00"	6.3572	242.11	41.081	43.714	0.18273	26.335	0
"2011-01-31"	06:00:00"	7.6099	259.98	40.368	45.014	0.16789	26.317	0
"2011-01-31"	07:00:00"	6.0795	278.26	36.603	49.845	0.16153	26.323	0
"2011-01-31"	08:00:00"	4.82	242.62	34.933	52.721	5.9416	26.332	0
"2011-01-31"	09:00:00"	4.9983	183.56	41.096	42.557	116.66	26.344	0
"2011-01-31"	10:00:00"	5.9832	191.83	46.882	33.658	306.95	26.338	0
"2011-01-31"	11:00:00"	6.9419	199.52	53.985	25.978	483.76	26.323	0
"2011-01-31"	12:00:00"	6.5231	213.74	59.831	22.614	611.62	26.308	0
"2011-01-31"	13:00:00"	5.4942	217.99	64.328	19.706	679.53	26.261	0
"2011-01-31"	14:00:00"	6.0254	186.82	65.268	19.15	653.61	26.211	0
"2011-01-31"	15:00:00"	6.9277	215.42	65.99	17.797	446.29	26.172	0
"2011-01-31"	16:00:00"	7.5484	210.72	66.604	15.469	456.95	26.152	0
"2011-01-31"	17:00:00"	7.2806	219.15	66.845	15.841	269.86	26.149	0
"2011-01-31"	18:00:00"	4.0818	201.07	64.591	17.185	52.958	26.161	0
"2011-01-31"	19:00:00"	14.452	359.83	51.899	36.554	1.331	26.229	0
"2011-01-31"	20:00:00"	20.705	28.437	38.57	62.436	0.16026	26.273	0
"2011-01-31"	21:00:00"	21.296	16.516	34.047	72.12	0.15072	26.335	0
"2011-01-31"	22:00:00"	17.91	30.919	31.03	83.864	0.13524	26.347	0
"2011-01-31"	23:00:00"	16.541	42.325	28.502	88.355	0.13397	26.361	0
"2011-02-01"	00:00:00"	13.787	44.704	27.052	90.069	0.11701	26.332	0
"2011-02-01"	01:00:00"	15.12	20.253	25.879	88.102	0.12592	26.37	0
"2011-02-01"	02:00:00"	17.322	13.949	23.359	84.644	0.15602	26.394	0
"2011-02-01"	03:00:00"	17.246	15.967	20.344	83.461	0.18421	26.435	0
"2011-02-01"	04:00:00"	20.12	4.2201	18.308	77.436	0.16619	26.438	0
"2011-02-01"	05:00:00"	21.112	1.9496	15.732	73.184	0.24123	26.462	0
"2011-02-01"	06:00:00"	20.984	0.03257	13.942	71.882	0.23191	26.485	0
"2011-02-01"	07:00:00"	19.636	1.0279	13.133	71.615	0.24102	26.518	0
"2011-02-01"	08:00:00"	19.686	357.72	12.267	70.707	2.1043	26.545	0
"2011-02-01"	09:00:00"	18.324	0.75215	12.079	70.683	45.084	26.586	0
"2011-02-01"	10:00:00"	14.763	357.2	13.122	74.614	168.94	26.589	0
"2011-02-01"	11:00:00"	16.232	352.42	14.35	72.968	274.64	26.586	0
"2011-02-01"	12:00:00"	16.931	357.94	14.401	66.068	335.38	26.604	0
"2011-02-01"	13:00:00"	16.836	359.66	15.387	61.382	366.87	26.586	0
"2011-02-01"	14:00:00"	17.367	357.26	16.06	59.447	450.6	26.559	0
"2011-02-01"	15:00:00"	16.477	0.34196	16.295	61.211	319.98	26.556	0
"2011-02-01"	16:00:00"	16.487	2.1987	17.06	60.505	260.57	26.545	0
"2011-02-01"	17:00:00"	16.587	11.004	16.082	59.888	164.01	26.556	0
"2011-02-01"	18:00:00"	14.941	19.987	15.305	59.572	51.656	26.571	0
"2011-02-01"	19:00:00"	14.613	14.874	13.485	64.792	3.5382	26.598	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-01	20:00:00"	15.04	16.506	12.103	70.845	0.23975	26.624	0
"2011-02-01	21:00:00"	16.507	20.506	11.135	69.601	0.23996	26.642	0
"2011-02-01	22:00:00"	16.955	10.305	10.162	72.935	0.23678	26.672	0
"2011-02-01	23:00:00"	16.722	11.251	9.131	74.576	0.20859	26.71	0
"2011-02-02	00:00:00"	15.671	11.227	7.8435	80.337	0.18866	26.71	0
"2011-02-02	01:00:00"	14.098	16.411	7.161	80.644	0.20202	26.728	0
"2011-02-02	02:00:00"	14.711	14.886	6.6705	78.163	0.24653	26.725	0
"2011-02-02	03:00:00"	13.474	13.076	6.043	79.799	0.26667	26.731	0
"2011-02-02	04:00:00"	12.72	12.722	5.6675	80.731	0.19481	26.731	0
"2011-02-02	05:00:00"	14.562	8.9191	4.868	81.327	0.29571	26.731	0
"2011-02-02	06:00:00"	16.033	15.907	4.1205	77.211	0.18145	26.748	0
"2011-02-02	07:00:00"	14.287	14.237	3.744	80.182	0.22131	26.769	0
"2011-02-02	08:00:00"	13.954	18.864	3.022	78.534	2.7167	26.781	0
"2011-02-02	09:00:00"	13.963	20.138	2.7605	78.468	67.323	26.787	0
"2011-02-02	10:00:00"	15.348	23.765	4.4675	73.094	302.25	26.804	0
"2011-02-02	11:00:00"	14.813	25.291	5.531	71.753	311.02	26.825	0
"2011-02-02	12:00:00"	14.169	22.78	6.7365	73.088	378.09	26.816	0
"2011-02-02	13:00:00"	14.466	30.288	8.201	69.762	549.55	26.793	0
"2011-02-02	14:00:00"	13.761	30.096	9.5635	68.341	496.36	26.769	0
"2011-02-02	15:00:00"	13.52	22.686	10.642	69.538	403.46	26.763	0
"2011-02-02	16:00:00"	13.775	26.019	11.059	71.09	300.47	26.757	0
"2011-02-02	17:00:00"	14.194	32.618	10.748	73.809	187.65	26.76	0
"2011-02-02	18:00:00"	14.167	29.299	10.274	75.439	71.591	26.778	0
"2011-02-02	19:00:00"	12.242	23.518	9.654	79.152	4.2691	26.798	0
"2011-02-02	20:00:00"	12.358	20.885	8.781	80.795	0.21855	26.807	0
"2011-02-02	21:00:00"	10.294	10.758	7.5475	81.744	0.223	26.822	0
"2011-02-02	22:00:00"	10.572	8.2657	7.081	82.793	0.19968	26.825	0
"2011-02-02	23:00:00"	13.246	12.893	6.976	81.672	0.22788	26.825	0
"2011-02-03	00:00:00"	12.992	17.15	6.596	81.179	0.25077	26.831	0
"2011-02-03	01:00:00"	11.862	15.615	6.4985	80.288	0.28214	26.831	0
"2011-02-03	02:00:00"	10.657	16.795	6.411	78.963	0.21707	26.822	0
"2011-02-03	03:00:00"	11.036	20.697	6.892	78.255	0.25162	26.81	0
"2011-02-03	04:00:00"	10.694	32.032	7.1115	78.741	0.21537	26.793	0
"2011-02-03	05:00:00"	11.63	27.484	6.7115	80.751	0.24144	26.778	0
"2011-02-03	06:00:00"	9.904	25.974	6.7465	82.379	0.27303	26.778	0
"2011-02-03	07:00:00"	10.444	18.49	6.6805	82.572	0.21834	26.778	0
"2011-02-03	08:00:00"	10.748	14.295	5.431	81.217	3.5912	26.787	0
"2011-02-03	09:00:00"	9.3112	5.1544	4.537	82.481	91.254	26.801	0
"2011-02-03	10:00:00"	13.231	6.8396	6.912	74.503	277.49	26.798	0
"2011-02-03	11:00:00"	12.72	21.746	8.7905	67.227	451.76	26.801	0
"2011-02-03	12:00:00"	11.088	28.73	10.757	63.012	608.33	26.787	0
"2011-02-03	13:00:00"	10.86	13.468	12.303	61.179	656	26.745	0
"2011-02-03	14:00:00"	11.359	5.2937	13.104	61.092	557.84	26.71	0
"2011-02-03	15:00:00"	11.592	356.91	14.049	61.6	475.33	26.686	0
"2011-02-03	16:00:00"	12.637	350.07	15.295	59.034	419.39	26.669	0
"2011-02-03	17:00:00"	11.579	352.99	15.961	59.397	219.12	26.648	0
"2011-02-03	18:00:00"	9.8295	355.07	15.419	61.582	75.938	26.651	0

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"2011-02-03	19:00:00"	8.7116	3.614	15.048	63.338	4.8861	26.657	0
"2011-02-03	20:00:00"	7.3123	323.94	14.619	62.984	0.23826	26.66	0
"2011-02-03	21:00:00"	4.8778	304.17	14.698	62.725	0.22724	26.663	0
"2011-02-03	22:00:00"	5.4656	294.82	14.624	64.15	0.26921	26.663	0
"2011-02-03	23:00:00"	6.3759	306.16	14.361	66.767	0.25438	26.654	0
"2011-02-04	00:00:00"	6.8885	283.41	13.233	79.266	0.21346	26.648	0
"2011-02-04	01:00:00"	5.7919	264.96	12.499	85.738	0.2226	26.63	0
"2011-02-04	02:00:00"	5.1766	258.32	12.884	87.476	0.24696	26.609	0
"2011-02-04	03:00:00"	5.514	279.81	12.318	86.168	0.2052	26.604	0
"2011-02-04	04:00:00"	3.8239	232.03	11.046	83.839	0.18739	26.589	0
"2011-02-04	05:00:00"	3.3865	223.9	8.557	84.338	0.19015	26.577	0
"2011-02-04	06:00:00"	6.63	250.66	5.823	85.55	0.25671	26.559	0
"2011-02-04	07:00:00"	5.1083	278.49	2.8875	86.449	0.21431	26.553	0
"2011-02-04	08:00:00"	4.3508	277.09	1.249	85.911	7.9628	26.545	0
"2011-02-04	09:00:00"	3.9351	290.27	3.7515	83.621	134.7	26.542	0
"2011-02-04	10:00:00"	4.8442	253.51	11.661	75.521	329.14	26.547	0
"2011-02-04	11:00:00"	8.9912	282.88	20.039	56.591	514.71	26.533	0
"2011-02-04	12:00:00"	10.314	298.77	25.468	46.252	647.52	26.53	0
"2011-02-04	13:00:00"	10.053	295	29.497	46.366	711.92	26.5	0.02
"2011-02-04	14:00:00"	12.161	305.59	33.121	50.378	709.93	26.477	0.01
"2011-02-04	15:00:00"	12.396	314.82	35.483	51.219	638.23	26.456	0
"2011-02-04	16:00:00"	11.756	313.95	36.633	49.239	514.64	26.447	0
"2011-02-04	17:00:00"	11.299	304.37	37.605	47.799	342.52	26.441	0
"2011-02-04	18:00:00"	9.0633	295.43	38.751	50.437	154.93	26.438	0
"2011-02-04	19:00:00"	8.6793	275.04	35.712	57.336	10.15	26.444	0
"2011-02-04	20:00:00"	8.3817	266.9	31.969	66.855	0.24568	26.438	0
"2011-02-04	21:00:00"	7.2166	275.25	29.076	75.094	0.21558	26.438	0
"2011-02-04	22:00:00"	7.7149	270.03	28.779	75.342	0.19142	26.444	0
"2011-02-04	23:00:00"	8.2195	260.36	27.007	78.586	0.18972	26.432	0
"2011-02-05	00:00:00"	9.113	267.42	26.669	76.325	0.17785	26.429	0
"2011-02-05	01:00:00"	9.661	263.24	25.27	77.363	0.21837	26.418	0
"2011-02-05	02:00:00"	8.4009	284.29	25.41	75.176	0.23445	26.397	0
"2011-02-05	03:00:00"	10.386	294.31	25.514	74.008	0.21749	26.379	0
"2011-02-05	04:00:00"	10.904	297.27	25.481	72.708	0.27981	26.356	0
"2011-02-05	05:00:00"	11.584	302.36	25.763	70.039	0.2052	26.341	0
"2011-02-05	06:00:00"	10.465	301.03	25.638	69.529	0.23721	26.326	0
"2011-02-05	07:00:00"	8.5401	299.44	24.792	71.239	0.2177	26.326	0
"2011-02-05	08:00:00"	8.117	295.04	24.604	70.996	9.3424	26.32	0
"2011-02-05	09:00:00"	4.3608	286.96	28.278	62.884	130.65	26.32	0
"2011-02-05	10:00:00"	8.762	275.97	37.872	42.449	327.99	26.317	0
"2011-02-05	11:00:00"	10.816	272.28	43.803	32.093	508.16	26.302	0
"2011-02-05	12:00:00"	8.4214	247.92	48.047	29.069	638.13	26.282	0
"2011-02-05	13:00:00"	8.6681	243.91	51.456	27.883	705.29	26.237	0
"2011-02-05	14:00:00"	8.7365	253.77	54.606	26.928	711.24	26.202	0
"2011-02-05	15:00:00"	9.8481	238.17	56.657	25.815	635.57	26.175	0
"2011-02-05	16:00:00"	9.5561	266.23	57.436	25.203	468.05	26.167	0
"2011-02-05	17:00:00"	9.2758	281.62	56.438	26.682	234.52	26.169	0

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"2011-02-05	18:00:00"	6.3504	257.14	54.439	28.844	60.584	26.175	0
"2011-02-05	19:00:00"	6.6549	279.16	50.383	35.974	8.6638	26.178	0
"2011-02-05	20:00:00"	4.9486	289.88	45.394	44.146	0.14839	26.184	0
"2011-02-05	21:00:00"	6.4877	274.57	44.461	45.162	0.18633	26.19	0
"2011-02-05	22:00:00"	8.2406	274.15	43.87	46.658	0.16513	26.19	0
"2011-02-05	23:00:00"	7.6161	277.32	42.17	49.856	0.23233	26.193	0
"2011-02-06	00:00:00"	9.5343	306.93	40.669	54.989	0.17149	26.202	0
"2011-02-06	01:00:00"	9.3772	304.4	36.565	66.322	0.18137	26.217	0
"2011-02-06	02:00:00"	9.1472	304.03	34.283	74.155	0.16386	26.229	0
"2011-02-06	03:00:00"	14.883	334.42	37.672	71.823	0.19968	26.226	0
"2011-02-06	04:00:00"	11.746	327.83	38.384	72.511	0.16301	26.252	0
"2011-02-06	05:00:00"	8.3494	322.96	37.767	77.301	0.16195	26.264	0
"2011-02-06	06:00:00"	5.7309	306.67	37.191	81.461	0.19481	26.282	0
"2011-02-06	07:00:00"	4.5099	296	36.256	85.197	0.21177	26.296	0
"2011-02-06	08:00:00"	7.6795	321.63	37.677	85.149	2.4609	26.323	0
"2011-02-06	09:00:00"	11.931	334.31	38.807	84.146	92.849	26.347	0
"2011-02-06	10:00:00"	14.669	344.72	41.333	76.775	249.98	26.373	0
"2011-02-06	11:00:00"	15.641	344.18	41.174	75.136	198.09	26.409	0
"2011-02-06	12:00:00"	14.785	347.75	42.068	71.721	386.82	26.4	0
"2011-02-06	13:00:00"	12.691	349.72	41.867	71.976	407.85	26.4	0
"2011-02-06	14:00:00"	13.053	348.44	43.404	66.679	325.86	26.397	0
"2011-02-06	15:00:00"	11.763	334.43	45.814	56.056	549.18	26.403	0
"2011-02-06	16:00:00"	17.707	351.55	40.608	73.456	249.05	26.471	0
"2011-02-06	17:00:00"	13.968	9.485	36.647	89.341	281.85	26.5	0.03
"2011-02-06	18:00:00"	15.408	1.1254	35.39	89.461	41.16	26.547	0
"2011-02-06	19:00:00"	17.911	357.38	34.483	87.269	12.027	26.586	0.01
"2011-02-06	20:00:00"	16.935	348.83	32.924	86.77	0.10133	26.612	0
"2011-02-06	21:00:00"	16.891	345.71	31.982	84.008	0.14415	26.63	0
"2011-02-06	22:00:00"	12.886	330.05	31.163	83.805	0.11638	26.654	0
"2011-02-06	23:00:00"	9.9394	320.68	29.211	86.3	0.11871	26.674	0
"2011-02-07	00:00:00"	11.836	325.36	28.881	85.229	0.13016	26.68	0
"2011-02-07	01:00:00"	10.174	307.98	28.285	84.022	0.18167	26.692	0
"2011-02-07	02:00:00"	8.3525	309.52	25.801	85.949	0.19184	26.701	0
"2011-02-07	03:00:00"	8.0909	308.06	25.083	84.519	0.1592	26.713	0
"2011-02-07	04:00:00"	7.5497	307.12	23.061	86.229	0.17192	26.704	0
"2011-02-07	05:00:00"	7.4397	309.42	23.176	84.739	0.18569	26.698	0
"2011-02-07	06:00:00"	8.2903	285.02	21.333	85.039	0.20668	26.71	0
"2011-02-07	07:00:00"	6.8804	297.91	19.77	86.507	0.20774	26.698	0
"2011-02-07	08:00:00"	5.5824	303.59	19.559	85.681	10.501	26.71	0
"2011-02-07	09:00:00"	4.0557	301.64	23.836	81.391	135.12	26.725	0
"2011-02-07	10:00:00"	3.1336	327.57	32.654	70.239	328.52	26.728	0
"2011-02-07	11:00:00"	4.7529	211.59	35.041	64.435	505.53	26.701	0
"2011-02-07	12:00:00"	9.3659	216.84	39.28	48.187	633.21	26.669	0
"2011-02-07	13:00:00"	12.338	206.99	41.78	40.684	696.92	26.624	0
"2011-02-07	14:00:00"	12.282	210.1	44.062	36.517	700.72	26.559	0
"2011-02-07	15:00:00"	11.981	217.99	46.329	32.382	636.7	26.521	0
"2011-02-07	16:00:00"	12.596	209.58	47.265	32.328	515	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-07	17:00:00"	11.995	210.37	48.25	32.008	346.23	26.459	0
"2011-02-07	18:00:00"	11.326	198.69	48.443	31.544	154.95	26.438	0
"2011-02-07	19:00:00"	7.7758	194.72	45.089	36.234	10.52	26.426	0
"2011-02-07	20:00:00"	6.2932	210.92	40.63	42.394	0.17573	26.415	0
"2011-02-07	21:00:00"	5.9161	219.16	38.482	44.75	0.14817	26.4	0
"2011-02-07	22:00:00"	7.9616	209.81	37.901	43.154	0.17764	26.367	0
"2011-02-07	23:00:00"	7.3595	229.61	36.01	44.683	0.18209	26.356	0
"2011-02-08	00:00:00"	7.4129	242.45	33.805	48.312	0.23212	26.338	0
"2011-02-08	01:00:00"	8.5438	225.56	33.093	49.168	0.20626	26.311	0
"2011-02-08	02:00:00"	6.0397	245.99	32.549	51.737	0.223	26.302	0
"2011-02-08	03:00:00"	7.3626	218.5	31.849	54.33	0.2141	26.294	0
"2011-02-08	04:00:00"	9.2454	229.16	32.43	53.226	0.25374	26.288	0
"2011-02-08	05:00:00"	7.6615	220.72	30.852	57.897	0.22025	26.264	0
"2011-02-08	06:00:00"	9.538	214.78	31.145	58.112	0.25671	26.246	0
"2011-02-08	07:00:00"	9.1422	204	30.642	60.069	0.21601	26.237	0
"2011-02-08	08:00:00"	10.392	199.14	31.524	58.614	11.38	26.243	0
"2011-02-08	09:00:00"	9.7667	193.67	33.209	56.105	138.86	26.24	0
"2011-02-08	10:00:00"	12.107	186.71	40.715	43.193	335.61	26.249	0
"2011-02-08	11:00:00"	10.939	188.29	48.971	30.926	512.96	26.243	0
"2011-02-08	12:00:00"	9.2584	201.1	55.159	24.239	640.42	26.226	0
"2011-02-08	13:00:00"	8.7651	207.7	61.159	18.5	708.91	26.217	0
"2011-02-08	14:00:00"	7.9001	215.95	65.178	15.484	710.76	26.175	0
"2011-02-08	15:00:00"	15.351	335.43	59.953	24.234	638.11	26.175	0
"2011-02-08	16:00:00"	24.07	17.365	42.168	44.9	502.58	26.178	0
"2011-02-08	17:00:00"	24.214	15.094	35.657	48.992	331.84	26.196	0
"2011-02-08	18:00:00"	25.669	12.01	28.326	54.503	121.64	26.229	0
"2011-02-08	19:00:00"	24.634	0.36154	20.822	61.84	8.8317	26.314	0
"2011-02-08	20:00:00"	27.013	357.07	16.011	64.518	0.21262	26.385	0
"2011-02-08	21:00:00"	26.496	355.26	13.282	64.464	0.27451	26.438	0
"2011-02-08	22:00:00"	26.723	355.71	12.065	61.157	0.19926	26.483	0
"2011-02-08	23:00:00"	26.17	355.54	12.479	58.826	0.23487	26.521	0
"2011-02-09	00:00:00"	23.848	1.1727	12.636	57.576	0.22724	26.536	0
"2011-02-09	01:00:00"	22.057	5.639	12.199	60.747	0.25734	26.571	0
"2011-02-09	02:00:00"	21.737	358.6	11.29	64.605	0.21198	26.601	0
"2011-02-09	03:00:00"	20.637	357.52	10.783	62.794	0.20944	26.624	0
"2011-02-09	04:00:00"	21.235	355.52	10.15	64.059	0.25777	26.642	0
"2011-02-09	05:00:00"	20.246	350.25	9.32	68.111	0.21198	26.66	0
"2011-02-09	06:00:00"	17.653	350.46	8.9875	68.898	0.24335	26.672	0
"2011-02-09	07:00:00"	19.361	349.91	8.581	62.574	0.27939	26.689	0
"2011-02-09	08:00:00"	17.849	349.11	7.744	63.897	8.5869	26.722	0
"2011-02-09	09:00:00"	18.186	354.15	8.934	60.656	89.295	26.748	0
"2011-02-09	10:00:00"	17.529	354.07	10.906	56.004	226.85	26.766	0
"2011-02-09	11:00:00"	16.67	353.48	13.337	51.809	359.65	26.772	0
"2011-02-09	12:00:00"	16.532	357.71	17.966	46.263	644.63	26.757	0
"2011-02-09	13:00:00"	15.45	358	20.597	42.687	729.83	26.734	0
"2011-02-09	14:00:00"	14.188	353.84	23.373	40.011	734.65	26.704	0
"2011-02-09	15:00:00"	15.318	347.12	26.015	37.534	673.1	26.689	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-09	16:00:00"	16.366	351.79	27.778	35.219	549.51	26.683	0
"2011-02-09	17:00:00"	15.368	349.15	27.9	34.662	373.44	26.683	0
"2011-02-09	18:00:00"	14.42	346.06	27.256	35.589	172.26	26.692	0
"2011-02-09	19:00:00"	9.6984	339.23	23.895	40.466	14.028	26.704	0
"2011-02-09	20:00:00"	7.9585	328.94	18.432	50.895	0.24632	26.704	0
"2011-02-09	21:00:00"	5.6526	308.12	17.579	54.829	0.22343	26.719	0
"2011-02-09	22:00:00"	4.3341	357.15	17.526	55.608	0.25268	26.719	0
"2011-02-09	23:00:00"	4.7032	12.283	15.711	59.753	0.22979	26.716	0
"2011-02-10	00:00:00"	4.7678	28.639	13.832	64.486	0.25141	26.698	0
"2011-02-10	01:00:00"	5.0563	38.7	12.173	68.988	0.20378	26.674	0
"2011-02-10	02:00:00"	2.7272	281.94	10.111	72.668	0.22979	26.669	0
"2011-02-10	03:00:00"	2.9584	343.52	6.5065	79.594	0.18972	26.642	0
"2011-02-10	04:00:00"	3.4958	263.83	8.856	78.03	0.22279	26.639	0
"2011-02-10	05:00:00"	3.0174	352.72	9.3015	76.934	0.22109	26.615	0
"2011-02-10	06:00:00"	3.0329	28.936	8.0825	79.653	0.20816	26.598	0
"2011-02-10	07:00:00"	2.3028	98.137	8.9125	77.899	0.19311	26.595	0
"2011-02-10	08:00:00"	4.7056	191.2	9.8915	74.403	12.427	26.598	0
"2011-02-10	09:00:00"	4.4459	236.09	10.85	73.124	145.84	26.601	0
"2011-02-10	10:00:00"	6.5145	220.25	17.208	60.057	350.13	26.604	0
"2011-02-10	11:00:00"	7.4074	220.19	23.474	46.724	531.57	26.595	0
"2011-02-10	12:00:00"	7.4347	221.71	28.827	37.522	664.56	26.58	0
"2011-02-10	13:00:00"	8.3562	209.13	32.599	30.521	734.97	26.542	0
"2011-02-10	14:00:00"	9.5045	202.43	36.268	25.722	736.72	26.5	0
"2011-02-10	15:00:00"	9.1702	210.5	38.81	22.575	671.35	26.48	0
"2011-02-10	16:00:00"	8.3127	215.46	41.154	20.743	546.39	26.471	0
"2011-02-10	17:00:00"	7.5018	214.99	42.446	19.972	373.02	26.474	0
"2011-02-10	18:00:00"	7.5639	217.82	42.302	19.832	173.26	26.474	0
"2011-02-10	19:00:00"	6.4778	226.91	38.467	22.284	14.945	26.488	0
"2011-02-10	20:00:00"	5.3643	232.51	33.462	26.236	0.17404	26.497	0
"2011-02-10	21:00:00"	5.4625	231.85	31.728	27.978	0.17276	26.512	0
"2011-02-10	22:00:00"	8.0064	226.35	32.697	26.493	0.16916	26.524	0
"2011-02-10	23:00:00"	7.4378	237.66	30.861	28.483	0.13969	26.527	0
"2011-02-11	00:00:00"	9.3168	247.43	30.485	29.102	0.18993	26.53	0
"2011-02-11	01:00:00"	7.8858	271.58	27.94	32.878	0.23678	26.53	0
"2011-02-11	02:00:00"	7.6621	269.09	26.851	36.235	0.24187	26.536	0
"2011-02-11	03:00:00"	7.6261	271.2	25.946	37.832	0.20265	26.536	0
"2011-02-11	04:00:00"	6.0571	284.82	22.249	43.539	0.22427	26.533	0
"2011-02-11	05:00:00"	5.5116	292.25	21.25	45.865	0.21156	26.539	0
"2011-02-11	06:00:00"	7.3465	269.91	22.948	43.67	0.19714	26.55	0
"2011-02-11	07:00:00"	7.9958	273.04	23.494	42.539	0.18082	26.565	0
"2011-02-11	08:00:00"	6.6642	282.31	20.884	47.454	14.847	26.583	0
"2011-02-11	09:00:00"	3.7357	285.44	24.991	44.113	155.27	26.612	0
"2011-02-11	10:00:00"	4.0563	233.97	35.692	30.078	361.39	26.63	0
"2011-02-11	11:00:00"	6.8376	216.82	42.987	23.44	547.27	26.633	0
"2011-02-11	12:00:00"	8.4053	211.37	47.952	20.378	682.22	26.63	0
"2011-02-11	13:00:00"	9.2827	218.8	51.886	17.566	753.05	26.624	0
"2011-02-11	14:00:00"	7.2564	214.88	54.927	14.3	755.46	26.604	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-11"	15:00:00"	8.5917	206.48	56.528	13.214	687.52	26.586	0
"2011-02-11"	16:00:00"	6.7338	223.66	58.138	12.136	558.44	26.595	0
"2011-02-11"	17:00:00"	4.8256	260.58	58.895	10.896	379.72	26.612	0
"2011-02-11"	18:00:00"	4.4322	228.59	57.924	11.252	175.32	26.627	0
"2011-02-11"	19:00:00"	3.2007	221.18	54.477	12.561	15.927	26.645	0
"2011-02-11"	20:00:00"	3.3349	200.02	50.05	14.738	0.12104	26.672	0
"2011-02-11"	21:00:00"	4.6342	287.47	40.792	21.756	0.1698	26.695	0
"2011-02-11"	22:00:00"	4.5832	275.08	39.865	22.315	0.17721	26.707	0
"2011-02-11"	23:00:00"	6.6344	308.63	36.582	30.086	0.17637	26.728	0
"2011-02-12"	00:00:00"	5.8682	312.37	31.724	46.747	0.16216	26.731	0
"2011-02-12"	01:00:00"	5.1493	295.79	29.859	54.581	0.25395	26.739	0
"2011-02-12"	02:00:00"	7.5956	320.3	29.341	57.219	0.20795	26.754	0
"2011-02-12"	03:00:00"	5.3966	284.17	26.663	63.426	0.20032	26.742	0
"2011-02-12"	04:00:00"	7.1563	286.97	22.69	69.951	0.18527	26.742	0
"2011-02-12"	05:00:00"	5.1362	291.59	21.116	76.685	0.18527	26.742	0
"2011-02-12"	06:00:00"	4.0787	295.63	20.266	79.08	0.16471	26.748	0
"2011-02-12"	07:00:00"	4.8784	297.75	20.589	79.575	0.1929	26.76	0
"2011-02-12"	08:00:00"	3.9824	295.88	21.443	77.407	15.196	26.772	0
"2011-02-12"	09:00:00"	2.017	288.62	29.676	59.763	157.87	26.79	0
"2011-02-12"	10:00:00"	4.0371	231.42	41.041	34.298	365.3	26.798	0
"2011-02-12"	11:00:00"	6.7425	224.02	48.889	22.125	551.44	26.807	0
"2011-02-12"	12:00:00"	11.266	215.14	55.165	14.845	687.45	26.778	0
"2011-02-12"	13:00:00"	13.044	213.12	57.724	13.311	758.51	26.736	0
"2011-02-12"	14:00:00"	14.47	210.4	58.805	12.891	760.91	26.71	0
"2011-02-12"	15:00:00"	13.153	210.73	60.927	11.118	694.46	26.68	0
"2011-02-12"	16:00:00"	12.836	215.62	62.628	9.5953	566.85	26.66	0
"2011-02-12"	17:00:00"	11.576	216.82	63.607	8.7731	387.41	26.663	0
"2011-02-12"	18:00:00"	9.4945	212.82	63.27	8.7808	182.31	26.66	0
"2011-02-12"	19:00:00"	7.0967	184.85	57.996	10.767	17.548	26.657	0
"2011-02-12"	20:00:00"	5.6079	183.75	51.564	13.307	0.12698	26.669	0
"2011-02-12"	21:00:00"	5.0853	216.62	50.716	13.446	0.13334	26.672	0
"2011-02-12"	22:00:00"	4.2744	210.86	48.788	14.051	0.15326	26.669	0
"2011-02-12"	23:00:00"	4.902	199.77	47.506	12.996	0.15856	26.666	0
"2011-02-13"	00:00:00"	5.9465	209.24	42.911	15.329	0.13991	26.657	0
"2011-02-13"	01:00:00"	6.8273	243.97	42.418	15.059	0.18983	26.648	0
"2011-02-13"	02:00:00"	6.5697	233.04	42.062	14.573	0.16428	26.645	0
"2011-02-13"	03:00:00"	6.909	233.25	41.352	15.053	0.13715	26.627	0
"2011-02-13"	04:00:00"	7.0283	258.8	38.558	17.004	0.15369	26.615	0
"2011-02-13"	05:00:00"	8.2002	258.01	36.898	18.374	0.21707	26.601	0
"2011-02-13"	06:00:00"	7.1203	267.3	35.185	20.503	0.1645	26.598	0
"2011-02-13"	07:00:00"	8.78	263.63	36.797	22.209	0.17234	26.595	0
"2011-02-13"	08:00:00"	5.762	266.85	33.791	26.744	17.806	26.598	0
"2011-02-13"	09:00:00"	4.2235	239.26	35.325	24.368	163.62	26.612	0
"2011-02-13"	10:00:00"	4.7268	223.64	44.4	17.723	374.23	26.615	0
"2011-02-13"	11:00:00"	6.0789	218.12	55.465	11.73	563.15	26.604	0
"2011-02-13"	12:00:00"	7.9318	217.63	63.005	8.1253	699.96	26.58	0
"2011-02-13"	13:00:00"	10.235	218.32	66.252	6.9472	770.57	26.545	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-13	14:00:00"	13.171	220.2	69.359	7.4897	769.79	26.503	0
"2011-02-13	15:00:00"	14.159	222.56	72.072	7.3022	699.93	26.474	0
"2011-02-13	16:00:00"	13.149	225.29	74.69	7.0733	568.17	26.462	0
"2011-02-13	17:00:00"	12.62	222.39	75.078	6.6528	387.36	26.459	0
"2011-02-13	18:00:00"	10.775	221.1	73.796	6.7164	182.23	26.465	0
"2011-02-13	19:00:00"	6.4287	218.55	68.648	8.0106	17.763	26.468	0
"2011-02-13	20:00:00"	4.9225	213.29	63.628	9.8067	0.11956	26.485	0
"2011-02-13	21:00:00"	2.9142	217.35	59.344	11.544	0.15114	26.497	0
"2011-02-13	22:00:00"	2.1922	275.61	53.727	14.542	0.13143	26.503	0
"2011-02-13	23:00:00"	3.2218	254.08	51.748	16.371	0.15517	26.497	0
"2011-02-14	00:00:00"	2.7545	262.22	50.757	17.321	0.14415	26.5	0
"2011-02-14	01:00:00"	3.8294	268.43	48.295	19.437	0.16975	26.5	0
"2011-02-14	02:00:00"	4.0234	269.86	47.763	19.891	0.18506	26.494	0
"2011-02-14	03:00:00"	7.275	307.25	43.625	23.274	0.16174	26.494	0
"2011-02-14	04:00:00"	11.405	320.69	49.381	17.758	0.1522	26.5	0
"2011-02-14	05:00:00"	12.661	327.37	47.495	21.563	0.14923	26.509	0
"2011-02-14	06:00:00"	14.016	351.36	48.403	28.096	0.16704	26.518	0
"2011-02-14	07:00:00"	16.438	2.8181	46.145	39.221	0.14012	26.539	0
"2011-02-14	08:00:00"	16.97	2.3585	43.892	46.072	10.38	26.574	0
"2011-02-14	09:00:00"	15.271	10.501	44.994	44.844	150.94	26.592	0
"2011-02-14	10:00:00"	15.723	19.357	48.476	39.93	285.91	26.627	0
"2011-02-14	11:00:00"	11.844	11.238	53.078	33.66	572.54	26.657	0
"2011-02-14	12:00:00"	10.872	11.134	55.926	29.033	604.46	26.642	0
"2011-02-14	13:00:00"	12.237	356.11	58.744	26.215	737.86	26.595	0
"2011-02-14	14:00:00"	10.341	20.49	60.181	23.857	666.99	26.565	0
"2011-02-14	15:00:00"	7.1688	348.6	62.219	21.761	618.97	26.562	0
"2011-02-14	16:00:00"	7.0774	345.39	63.727	20.934	552.91	26.542	0
"2011-02-14	17:00:00"	6.2858	335.84	64.492	20.027	375.42	26.542	0
"2011-02-14	18:00:00"	5.972	352.14	63.74	20.61	174.95	26.545	0
"2011-02-14	19:00:00"	3.3846	353.27	58.055	25.153	18.364	26.545	0
"2011-02-14	20:00:00"	4.682	336.61	49.303	34.173	0.13757	26.55	0
"2011-02-14	21:00:00"	4.7373	327.58	46.778	37.598	0.138	26.55	0
"2011-02-14	22:00:00"	5.6184	346.29	45.526	39.178	0.14902	26.55	0
"2011-02-14	23:00:00"	6.3951	349.09	43.767	42.382	0.18039	26.547	0
"2011-02-15	00:00:00"	3.0192	239.59	44.365	43.007	0.14563	26.542	0
"2011-02-15	01:00:00"	2.9904	258.51	44.62	43.412	0.17461	26.53	0
"2011-02-15	02:00:00"	2.6676	230.25	45.731	41.238	0.14012	26.512	0
"2011-02-15	03:00:00"	4.8554	240.25	47.235	38.633	0.12146	26.494	0
"2011-02-15	04:00:00"	5.9838	243.76	46.549	38.47	0.18251	26.485	0
"2011-02-15	05:00:00"	7.6379	261.52	42.248	45.128	0.17743	26.471	0
"2011-02-15	06:00:00"	7.5018	255.14	40.426	46.821	0.14584	26.477	0
"2011-02-15	07:00:00"	5.1232	275.22	42.131	43.628	0.1611	26.48	0
"2011-02-15	08:00:00"	3.9494	272.94	41.277	45.406	17.588	26.497	0
"2011-02-15	09:00:00"	2.9863	281.01	48.399	36.266	158.26	26.518	0
"2011-02-15	10:00:00"	4.6864	282.77	56.509	26.436	358.28	26.53	0
"2011-02-15	11:00:00"	6.3852	284.84	64.584	18.443	544.47	26.539	0
"2011-02-15	12:00:00"	8.6166	304.15	72.234	11.371	682.35	26.53	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-15	13:00:00"	9.4386	300.04	75.316	8.2125	756.43	26.503	0
"2011-02-15	14:00:00"	8.6507	297.34	76.619	7.1628	756.09	26.471	0
"2011-02-15	15:00:00"	5.7365	277.01	78.035	6.0895	690.86	26.45	0
"2011-02-15	16:00:00"	6.2125	268.37	78.907	6.1925	559.84	26.438	0
"2011-02-15	17:00:00"	5.9739	244.82	78.802	6.685	380.98	26.426	0
"2011-02-15	18:00:00"	4.362	241.82	77.815	7.2097	180.06	26.429	0
"2011-02-15	19:00:00"	1.1626	253.36	72.551	9.0411	19.785	26.432	0
"2011-02-15	20:00:00"	1.4142	347.99	62.784	12.701	0.11214	26.426	0
"2011-02-15	21:00:00"	1.5982	2.1275	59.383	14.125	0.14839	26.435	0
"2011-02-15	22:00:00"	1.0259	111.4	57.857	15.039	0.11744	26.441	0
"2011-02-15	23:00:00"	2.7042	158.58	59.75	14.052	0.12846	26.444	0
"2011-02-16	00:00:00"	3.5959	206.75	57.489	15.581	0.14372	26.453	0
"2011-02-16	01:00:00"	3.0474	184.06	53.801	18.589	0.15495	26.441	0
"2011-02-16	02:00:00"	1.9132	190.17	49.486	24.49	0.14605	26.429	0
"2011-02-16	03:00:00"	3.064	229.35	50.816	32.321	0.14075	26.42	0
"2011-02-16	04:00:00"	4.7348	197.76	52.792	39.959	0.15114	26.406	0
"2011-02-16	05:00:00"	4.8517	221.17	52.163	47.744	0.14499	26.394	0
"2011-02-16	06:00:00"	5.4923	218.37	51.205	54.503	0.1433	26.391	0
"2011-02-16	07:00:00"	5.4463	235.62	49.453	60.539	0.12422	26.394	0
"2011-02-16	08:00:00"	5.8502	229.67	48.517	66.995	17.485	26.4	0
"2011-02-16	09:00:00"	6.6263	193.33	50.214	66.308	158.72	26.412	0
"2011-02-16	10:00:00"	6.3672	213.84	55.212	55.312	359.14	26.42	0
"2011-02-16	11:00:00"	8.4475	194.26	64.232	34.558	542.4	26.418	0
"2011-02-16	12:00:00"	8.9229	202.87	72.087	18.982	674.03	26.406	0
"2011-02-16	13:00:00"	11.07	213.91	77.615	12.098	748.02	26.373	0
"2011-02-16	14:00:00"	12.938	207.32	80.19	9.7133	750.03	26.338	0
"2011-02-16	15:00:00"	12.53	213.66	82.233	8.8011	684.72	26.311	0
"2011-02-16	16:00:00"	10.696	210.45	83.057	7.8647	558.02	26.296	0
"2011-02-16	17:00:00"	10.217	221.55	83.54	7.3497	379.83	26.288	0
"2011-02-16	18:00:00"	10.063	212.25	82.161	7.6167	181.29	26.279	0
"2011-02-16	19:00:00"	5.0536	215.56	77.511	8.875	21.151	26.282	0
"2011-02-16	20:00:00"	1.6529	249.33	69.282	11.831	0.10111	26.296	0
"2011-02-16	21:00:00"	3.5108	179.62	62.674	17.54	0.1151	26.314	0
"2011-02-16	22:00:00"	9.1056	188.44	62.726	37.138	0.13651	26.317	0
"2011-02-16	23:00:00"	7.6261	184.92	59.746	51.048	0.10345	26.317	0
"2011-02-17	00:00:00"	5.7023	183.87	56.399	61.992	0.14139	26.314	0
"2011-02-17	01:00:00"	5.9387	194.68	55.47	70.314	0.10844	26.308	0
"2011-02-17	02:00:00"	7.5497	192.26	54.226	76.307	0.0973	26.308	0
"2011-02-17	03:00:00"	10.079	190.11	54.386	78.086	0.1132	26.282	0
"2011-02-17	04:00:00"	6.8804	210.73	53.574	79.262	0.10472	26.282	0
"2011-02-17	05:00:00"	3.1522	250.14	49	87.106	0.07144	26.279	0
"2011-02-17	06:00:00"	4.4975	200.98	48.817	88.122	0.07313	26.285	0
"2011-02-17	07:00:00"	3.6779	187.67	47.323	90.547	0.08225	26.299	0
"2011-02-17	08:00:00"	4.6068	184.61	47.115	86.706	5.5259	26.323	0
"2011-02-17	09:00:00"	6.9873	198.35	49.708	75.273	142.5	26.344	0
"2011-02-17	10:00:00"	4.4397	221.29	54.241	63.929	287.81	26.37	0
"2011-02-17	11:00:00"	5.4842	193.04	59.001	49.803	429.55	26.385	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-17	12:00:00"	7.408	234.96	71.4	20.931	598.96	26.382	0
"2011-02-17	13:00:00"	10.277	260.52	76.298	14.492	738.72	26.367	0
"2011-02-17	14:00:00"	10.286	245.72	78.347	13.396	728.04	26.344	0
"2011-02-17	15:00:00"	9.2789	245.8	79.723	12.708	675.97	26.326	0
"2011-02-17	16:00:00"	10.904	234.39	78.925	13.607	346.37	26.326	0
"2011-02-17	17:00:00"	8.5395	244.46	77.694	13.718	213.88	26.329	0
"2011-02-17	18:00:00"	11.541	223.61	75.615	15.398	128.1	26.35	0
"2011-02-17	19:00:00"	7.723	220.26	72.753	16.628	26.73	26.373	0
"2011-02-17	20:00:00"	3.1398	236.21	66.099	21.021	0.10175	26.4	0
"2011-02-17	21:00:00"	1.9934	258.07	63.428	21.364	0.07292	26.418	0
"2011-02-17	22:00:00"	0.9041	314.79	58.157	24.247	0.15347	26.423	0
"2011-02-17	23:00:00"	1.0824	327.83	55.735	25.072	0.13164	26.435	0
"2011-02-18	00:00:00"	3.4648	313.6	55.202	25.695	0.12888	26.447	0
"2011-02-18	01:00:00"	2.1748	311.58	52.229	28.593	0.11023	26.453	0
"2011-02-18	02:00:00"	3.0957	162.85	51.721	29.499	0.15962	26.471	0
"2011-02-18	03:00:00"	1.6249	121.31	50.168	32.003	0.13567	26.477	0
"2011-02-18	04:00:00"	2.3935	169.51	51.999	36.304	0.18569	26.477	0
"2011-02-18	05:00:00"	2.8869	173.78	53.642	48.551	0.13418	26.483	0
"2011-02-18	06:00:00"	3.32	174.54	52.281	59.28	0.1558	26.494	0
"2011-02-18	07:00:00"	2.872	314.01	49.094	68.061	0.11235	26.494	0
"2011-02-18	08:00:00"	3.1535	329.81	46.088	77.981	16.325	26.509	0
"2011-02-18	09:00:00"	2.6986	337.81	53.652	63.933	147.91	26.542	0
"2011-02-18	10:00:00"	3.0814	146.21	63.974	39.527	336.14	26.559	0
"2011-02-18	11:00:00"	4.1489	83.966	69.474	21.973	510.3	26.559	0
"2011-02-18	12:00:00"	4.9691	115.84	72.683	19.676	641.07	26.556	0
"2011-02-18	13:00:00"	4.8498	85.653	74.475	19.483	711.31	26.53	0
"2011-02-18	14:00:00"	5.8421	161.15	77.094	19.021	707.42	26.497	0
"2011-02-18	15:00:00"	8.7862	158.46	78.241	18.003	657.75	26.471	0
"2011-02-18	16:00:00"	9.5865	160.47	78.964	17.333	534.3	26.459	0
"2011-02-18	17:00:00"	9.6101	166.95	78.964	17.692	358.1	26.45	0
"2011-02-18	18:00:00"	9.7978	160.6	77.75	19.434	165.68	26.453	0
"2011-02-18	19:00:00"	7.7429	139.06	73.797	26.556	19.587	26.459	0
"2011-02-18	20:00:00"	8.089	138.86	68.142	37.648	0.06444	26.477	0
"2011-02-18	21:00:00"	9.3032	151.07	64.665	54.86	0.10366	26.497	0
"2011-02-18	22:00:00"	6.7089	157.4	61.614	66.672	0.10811	26.515	0
"2011-02-18	23:00:00"	4.6566	152.35	59.027	74.154	0.12592	26.521	0
"2011-02-19	00:00:00"	6.9948	195.14	57.209	83.876	0.07144	26.515	0
"2011-02-19	01:00:00"	9.524	182.8	56.87	90.619	0.08456	26.512	0
"2011-02-19	02:00:00"	8.1617	184.88	55.914	92.539	0.08013	26.506	0
"2011-02-19	03:00:00"	7.9231	184.32	55.605	91.594	0.08225	26.494	0
"2011-02-19	04:00:00"	4.1184	218.77	54.724	90.8	0.08076	26.483	0
"2011-02-19	05:00:00"	4.0861	205.05	54.186	91.843	0.07949	26.483	0
"2011-02-19	06:00:00"	2.2208	221.37	53.659	92.877	0.07525	26.48	0
"2011-02-19	07:00:00"	1.8952	71.011	52.87	93.367	0.06974	26.491	0
"2011-02-19	08:00:00"	4.0172	142.25	52.253	93.945	4.1633	26.503	0
"2011-02-19	09:00:00"	3.6568	137.25	51.819	94.078	47.92	26.503	0
"2011-02-19	10:00:00"	4.4074	142.27	52.301	94.072	116.93	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-19"	11:00:00"	5.2425	140.35	52.992	93.916	145.54	26.515	0
"2011-02-19"	12:00:00"	3.8009	153.87	54.247	91.697	191.99	26.491	0
"2011-02-19"	13:00:00"	4.7361	84.062	60.964	73.527	662.68	26.441	0
"2011-02-19"	14:00:00"	8.3643	150.13	68.618	53.762	701.66	26.397	0
"2011-02-19"	15:00:00"	11.767	147.46	69.879	50.616	647.4	26.358	0
"2011-02-19"	16:00:00"	13.469	154.2	71.686	48.423	532	26.329	0
"2011-02-19"	17:00:00"	12.337	185.2	74.25	37.059	368.12	26.317	0
"2011-02-19"	18:00:00"	9.7493	199.26	74.342	33.091	176.12	26.311	0
"2011-02-19"	19:00:00"	7.5037	177.95	70.916	37.661	22.668	26.317	0
"2011-02-19"	20:00:00"	11.931	149.69	65.544	58.274	0.10302	26.317	0
"2011-02-19"	21:00:00"	13.057	156.83	60.797	76.586	0.09391	26.317	0
"2011-02-19"	22:00:00"	16.85	158.98	57.597	85.474	0.08946	26.317	0
"2011-02-19"	23:00:00"	11.133	167.82	56.689	86.931	0.0744	26.311	0
"2011-02-20"	00:00:00"	11.05	176.8	56.911	87.712	0.08373	26.296	0
"2011-02-20"	01:00:00"	9.0816	184.92	56.083	89.125	0.08688	26.288	0
"2011-02-20"	02:00:00"	7.4409	190.15	55.133	90.297	0.07165	26.27	0
"2011-02-20"	03:00:00"	6.1559	213.54	53.998	91.183	0.06932	26.249	0
"2011-02-20"	04:00:00"	4.4242	216.83	52.837	92.335	0.0761	26.24	0
"2011-02-20"	05:00:00"	4.0836	210.77	51.52	93.389	0.08119	26.237	0
"2011-02-20"	06:00:00"	4.6149	218.43	49.918	93.953	0.08437	26.234	0
"2011-02-20"	07:00:00"	4.5677	220.27	48.254	94.354	0.06826	26.237	0
"2011-02-20"	08:00:00"	6.0279	218.01	48.214	94.446	15.903	26.243	0
"2011-02-20"	09:00:00"	6.2634	213.16	47.722	94.352	168.58	26.255	0
"2011-02-20"	10:00:00"	6.9159	217.91	52.214	80.608	311.08	26.267	0
"2011-02-20"	11:00:00"	11.295	222.07	62.77	42.085	360.39	26.276	0
"2011-02-20"	12:00:00"	15.101	222.63	68.905	25.793	550.6	26.261	0
"2011-02-20"	13:00:00"	15.545	234.57	73.119	18.128	594.11	26.229	0
"2011-02-20"	14:00:00"	15.736	249.19	77.011	13.361	771.06	26.187	0
"2011-02-20"	15:00:00"	15.678	245.49	79.154	11.725	772.31	26.167	0
"2011-02-20"	16:00:00"	15.053	274.11	76.992	12.616	472.43	26.158	0
"2011-02-20"	17:00:00"	13.976	283.99	74.3	13.165	293.35	26.149	0
"2011-02-20"	18:00:00"	10.044	289.05	72.675	12.826	140.23	26.152	0
"2011-02-20"	19:00:00"	6.3765	301.4	67.355	15.14	14.689	26.158	0
"2011-02-20"	20:00:00"	3.8537	313.97	60.701	18.622	0.10853	26.164	0
"2011-02-20"	21:00:00"	3.1137	298.3	59.869	19.638	0.12782	26.172	0
"2011-02-20"	22:00:00"	2.9652	282	58.887	19.931	0.13524	26.178	0
"2011-02-20"	23:00:00"	4.3347	183.61	56.924	21.548	0.13037	26.196	0
"2011-02-21"	00:00:00"	1.436	120.87	55.21	23.231	0.13206	26.193	0
"2011-02-21"	01:00:00"	3.7712	269.29	58.927	19.035	0.12747	26.202	0
"2011-02-21"	02:00:00"	6.9917	289	58.168	19.81	0.12719	26.217	0
"2011-02-21"	03:00:00"	7.6895	308.01	56.931	21.368	0.12655	26.232	0
"2011-02-21"	04:00:00"	10.743	327.14	54.385	23.384	0.12252	26.246	0
"2011-02-21"	05:00:00"	12.557	346.34	50.466	31.857	0.13906	26.273	0
"2011-02-21"	06:00:00"	14.364	349.32	46.914	37.738	0.13545	26.288	0
"2011-02-21"	07:00:00"	13.894	358.46	44.978	40.061	0.1575	26.311	0
"2011-02-21"	08:00:00"	13.305	350.31	43.611	39.769	29.432	26.335	0
"2011-02-21"	09:00:00"	17.078	341.46	46.749	33.374	221.51	26.364	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-21	10:00:00"	19.092	338.17	49.565	26.606	399.7	26.379	0
"2011-02-21	11:00:00"	17.852	335.97	53.274	21.478	591.82	26.382	0
"2011-02-21	12:00:00"	15.138	326.18	57.54	17.731	721.61	26.37	0
"2011-02-21	13:00:00"	11.198	314.6	60.354	15.283	760.68	26.358	0
"2011-02-21	14:00:00"	9.1789	302.35	62.835	13.854	797.09	26.332	0
"2011-02-21	15:00:00"	8.0971	291.18	64.812	13.698	721.52	26.317	0
"2011-02-21	16:00:00"	7.0973	274.05	66.755	13.549	594.28	26.308	0
"2011-02-21	17:00:00"	6.1429	244.85	67.823	13.328	409.14	26.305	0
"2011-02-21	18:00:00"	4.5006	238.72	66.852	13.766	162.09	26.314	0
"2011-02-21	19:00:00"	3.6375	206.21	65.404	14.366	37.905	26.323	0
"2011-02-21	20:00:00"	1.075	112.51	60.367	17.562	0.13842	26.344	0
"2011-02-21	21:00:00"	3.6238	68.644	54.153	22.323	0.14075	26.356	0
"2011-02-21	22:00:00"	6.8407	82.918	51.461	23.633	0.13736	26.385	0
"2011-02-21	23:00:00"	12.108	95.829	48.708	34.128	0.15432	26.397	0
"2011-02-22	00:00:00"	10.443	92.181	45.588	40.469	0.16534	26.403	0
"2011-02-22	01:00:00"	8.9974	89.236	42.874	44.631	0.14372	26.397	0
"2011-02-22	02:00:00"	9.0068	88.509	40.663	48.008	0.14605	26.388	0
"2011-02-22	03:00:00"	7.7883	80.32	38.933	50.82	0.1946	26.388	0
"2011-02-22	04:00:00"	5.4333	69.624	37.242	52.98	0.17234	26.394	0
"2011-02-22	05:00:00"	4.8231	14.272	34.36	57.621	0.19651	26.394	0
"2011-02-22	06:00:00"	5.355	30.559	34.329	57.33	0.16238	26.409	0
"2011-02-22	07:00:00"	7.6391	80.965	38.046	49.899	0.16471	26.42	0
"2011-02-22	08:00:00"	7.0594	89.753	39.032	48.402	10.054	26.426	0
"2011-02-22	09:00:00"	6.3051	89.926	40.461	47.013	51.575	26.447	0
"2011-02-22	10:00:00"	6.6698	92.737	42.364	45.417	137.65	26.453	0
"2011-02-22	11:00:00"	6.525	112.54	47.109	44.141	445.84	26.468	0
"2011-02-22	12:00:00"	6.4026	148.5	52.679	42.091	714.09	26.444	0
"2011-02-22	13:00:00"	8.2127	148.49	57.752	39.858	789.02	26.415	0
"2011-02-22	14:00:00"	8.2816	174.1	62.873	36.18	787.09	26.379	0
"2011-02-22	15:00:00"	6.4337	193.04	66.22	27.788	721.51	26.356	0
"2011-02-22	16:00:00"	6.0142	179.22	68.14	24.691	585.16	26.344	0
"2011-02-22	17:00:00"	6.4604	190.99	69.825	20.292	402.56	26.323	0
"2011-02-22	18:00:00"	7.6043	187.33	69.481	20.002	197.71	26.329	0
"2011-02-22	19:00:00"	5.1754	168.76	65.947	24.306	27.6	26.335	0
"2011-02-22	20:00:00"	3.0118	145.53	59.955	29.354	0.11171	26.341	0
"2011-02-22	21:00:00"	5.4855	125.35	57.655	45.608	0.13185	26.356	0
"2011-02-22	22:00:00"	4.6447	154.19	56.913	50.961	0.1221	26.361	0
"2011-02-22	23:00:00"	5.414	133.61	56.511	53.014	0.13567	26.358	0
"2011-02-23	00:00:00"	4.8218	142.48	54.699	59.703	0.13927	26.358	0
"2011-02-23	01:00:00"	2.8417	175.28	51.167	74.25	0.10506	26.356	0
"2011-02-23	02:00:00"	7.3496	192.55	52.537	86.151	0.06762	26.353	0
"2011-02-23	03:00:00"	4.037	223.83	51.868	90.526	0.08182	26.35	0
"2011-02-23	04:00:00"	6.1683	177.35	51.875	91.246	0.08691	26.332	0
"2011-02-23	05:00:00"	6.8133	184.65	52.946	90.214	0.08204	26.335	0
"2011-02-23	06:00:00"	6.6282	187.67	53.509	89.727	0.07483	26.341	0
"2011-02-23	07:00:00"	3.1019	239.93	52.779	89.208	0.09369	26.361	0
"2011-02-23	08:00:00"	1.5267	249.23	53.244	88.385	14.613	26.367	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-23	09:00:00"	3.2181	246.79	54.899	85.067	156.25	26.376	0
"2011-02-23	10:00:00"	4.1644	262.19	58.368	71.202	384.61	26.394	0
"2011-02-23	11:00:00"	7.344	285	63.782	39.15	571.67	26.373	0
"2011-02-23	12:00:00"	9.8257	286.16	69.541	20.181	709.18	26.37	0
"2011-02-23	13:00:00"	9.3982	272.02	72.855	14.123	783.23	26.35	0
"2011-02-23	14:00:00"	8.5351	238.93	73.781	13.14	783.75	26.311	0
"2011-02-23	15:00:00"	10.242	227.88	75.045	12.636	715.95	26.285	0
"2011-02-23	16:00:00"	11.569	224.33	75.37	12.803	579.39	26.27	0
"2011-02-23	17:00:00"	12.068	230.65	75.492	11.651	399.17	26.261	0
"2011-02-23	18:00:00"	10.65	229.58	74.268	12.635	197.42	26.258	0
"2011-02-23	19:00:00"	5.5159	271.21	70.087	11.433	29.531	26.261	0
"2011-02-23	20:00:00"	1.5342	24.077	61.531	15.122	0.11998	26.258	0
"2011-02-23	21:00:00"	0.95443	22.396	55.482	18.351	0.10069	26.261	0
"2011-02-23	22:00:00"	1.8815	127.61	55.457	18.878	0.10557	26.27	0
"2011-02-23	23:00:00"	2.4289	138.09	56.085	18.488	0.13588	26.264	0
"2011-02-24	01:00:00"	1.9587	309.56	52.8	20.507	0.13336	26.258	0
"2011-02-24	02:00:00"	3.1435	234.64	56.613	17.262	0.14075	26.252	0
"2011-02-24	03:00:00"	3.7761	239.04	56.96	16.69	0.13503	26.249	0
"2011-02-24	04:00:00"	8.1847	288.72	55.449	18.181	0.13863	26.243	0
"2011-02-24	05:00:00"	11.899	290.39	54.966	18.765	0.13418	26.252	0
"2011-02-24	06:00:00"	10.591	288.05	53.328	20.277	0.14393	26.258	0
"2011-02-24	07:00:00"	8.4544	280.82	50.625	23.019	0.12782	26.267	0
"2011-02-24	08:00:00"	15.037	274.57	51.298	27.546	18.439	26.285	0
"2011-02-24	09:00:00"	14.907	264.81	54.028	26.914	176.44	26.323	0
"2011-02-24	10:00:00"	16.158	268.15	56.175	24.051	377.85	26.335	0
"2011-02-24	11:00:00"	17.667	276.06	57.545	22.228	568	26.353	0
"2011-02-24	12:00:00"	15.907	286.55	59.378	20.886	702.99	26.361	0
"2011-02-24	13:00:00"	15.699	295.89	61.248	18.868	783.96	26.347	0
"2011-02-24	14:00:00"	14.678	293.68	62.661	16.733	792.96	26.332	0
"2011-02-24	15:00:00"	15.12	287.11	63.938	14.849	727.66	26.326	0
"2011-02-24	16:00:00"	15.298	283.65	64.985	13.272	590.44	26.323	0
"2011-02-24	17:00:00"	10.769	268.54	65.877	12.841	413.86	26.323	0
"2011-02-24	18:00:00"	9.1783	270.78	65.54	12.47	214.18	26.329	0
"2011-02-24	19:00:00"	6.927	260.82	62.402	12.861	38.412	26.332	0
"2011-02-24	20:00:00"	3.2113	257.21	55.339	17.221	0.16195	26.364	0
"2011-02-24	21:00:00"	7.9374	267.72	55.563	19.432	0.14139	26.391	0
"2011-02-24	22:00:00"	5.0611	267.3	52.931	21.403	0.12443	26.409	0
"2011-02-24	23:00:00"	4.4298	224.87	48.627	23.937	0.16746	26.42	0
"2011-02-25	00:00:00"	4.2682	296.85	46.112	26.434	0.16153	26.426	0
"2011-02-25	01:00:00"	3.8871	301.08	41.446	30.842	0.15115	26.412	0
"2011-02-25	02:00:00"	4.3943	303.49	38.682	34.578	0.17658	26.412	0
"2011-02-25	03:00:00"	4.6547	301.45	40.641	32.613	0.19714	26.409	0
"2011-02-25	04:00:00"	4.4546	299.58	36.022	37.645	0.18633	26.397	0
"2011-02-25	05:00:00"	4.9641	264.68	37.615	36.44	0.17298	26.403	0
"2011-02-25	06:00:00"	4.6609	213.66	41.558	31.263	0.16619	26.412	0
"2011-02-25	07:00:00"	4.06	300.99	36.418	38.769	0.18633	26.426	0
"2011-02-25	08:00:00"	3.9799	74.175	30.099	63.356	25.262	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-25	09:00:00"	7.7932	83.298	32.188	71.891	178.64	26.462	0
"2011-02-25	10:00:00"	10.227	98.184	37.003	63.093	385.32	26.468	0
"2011-02-25	11:00:00"	10.076	116.34	42.418	49.252	568.81	26.45	0
"2011-02-25	12:00:00"	11.059	157.14	50.501	33.78	716.06	26.426	0
"2011-02-25	13:00:00"	13.849	194.23	59.316	20.209	795.35	26.379	0
"2011-02-25	14:00:00"	15.411	209.36	67.389	13.954	799.38	26.341	0
"2011-02-25	15:00:00"	17.782	216.44	69.656	11.72	734.65	26.311	0
"2011-02-25	16:00:00"	17.284	218.87	70.992	11.078	603.54	26.282	0
"2011-02-25	17:00:00"	17.932	218.84	72.641	10.579	423.98	26.273	0
"2011-02-25	18:00:00"	16.454	219.43	72.214	10.531	221.78	26.27	0
"2011-02-25	19:00:00"	11.121	223.29	68.879	11.289	40.55	26.279	0
"2011-02-25	20:00:00"	2.2879	246.96	60.736	13.997	0.14224	26.294	0
"2011-02-25	21:00:00"	2.3202	188.95	55.352	16.638	0.11044	26.311	0
"2011-02-25	22:00:00"	4.3341	220.68	56.503	15.637	0.17234	26.314	0
"2011-02-25	23:00:00"	2.1748	262.43	49.345	19.69	0.13397	26.317	0
"2011-02-26	00:00:00"	3.4026	264.73	47.675	20.305	0.13779	26.311	0
"2011-02-26	01:00:00"	3.4182	266.45	49.174	18.484	0.1645	26.305	0
"2011-02-26	02:00:00"	2.9546	295.25	43.569	22.349	0.16746	26.305	0
"2011-02-26	03:00:00"	4.6236	307.68	43.874	22.022	0.1486	26.288	0
"2011-02-26	04:00:00"	3.1348	295.38	43.013	22.656	0.17997	26.264	0
"2011-02-26	05:00:00"	4.8386	222.7	44.274	21.608	0.18697	26.27	0
"2011-02-26	06:00:00"	4.4037	202.04	47.02	18.848	0.13418	26.279	0
"2011-02-26	07:00:00"	4.5696	183	44.461	20.457	0.18675	26.279	0
"2011-02-26	08:00:00"	5.6054	181.67	43.777	23.84	28.781	26.294	0
"2011-02-26	09:00:00"	6.822	176.55	46.989	22.316	194.19	26.308	0
"2011-02-26	10:00:00"	6.2783	217.14	55.073	15.707	410.75	26.323	0
"2011-02-26	11:00:00"	7.0482	215.71	63.569	11.901	606.88	26.323	0
"2011-02-26	12:00:00"	7.5584	215.12	69.43	9.1466	752.22	26.311	0
"2011-02-26	13:00:00"	11.574	223.09	72.206	8.5822	830.98	26.276	0
"2011-02-26	14:00:00"	10.911	237.67	75.127	6.9847	836.82	26.249	0
"2011-02-26	15:00:00"	12.982	236.58	76.679	7.0114	720.45	26.208	0
"2011-02-26	16:00:00"	13.294	236.6	78.062	6.2731	645.67	26.187	0
"2011-02-26	17:00:00"	11.357	240.99	77.419	6.5125	398.41	26.178	0
"2011-02-26	18:00:00"	9.4827	238.02	76.206	6.9039	214.01	26.175	0
"2011-02-26	19:00:00"	3.0882	244.86	70.054	8.2678	19.385	26.172	0
"2011-02-26	20:00:00"	1.0967	253.05	64.287	10.07	0.10239	26.172	0
"2011-02-26	21:00:00"	1.3366	319.07	60.948	11.221	0.12528	26.178	0
"2011-02-26	22:00:00"	1.8001	153.75	57.555	13.05	0.13694	26.178	0
"2011-02-26	23:00:00"	2.0282	125.72	53.773	14.577	0.10196	26.175	0
"2011-02-27	00:00:00"	1.9536	61.998	54.051	19.613	0.12231	26.161	0
"2011-02-27	01:00:00"	1.0491	9.9129	54.883	45.616	0.14586	26.143	0
"2011-02-27	02:00:00"	1.1477	140.78	54.063	62.278	0.10663	26.122	0
"2011-02-27	03:00:00"	1.6597	16.411	54.605	70.435	0.13991	26.099	0
"2011-02-27	04:00:00"	2.2233	253.11	55.244	75.479	0.0956	26.107	0
"2011-02-27	05:00:00"	1.7734	299.58	51.203	69.678	0.11214	26.093	0
"2011-02-27	06:00:00"	3.0534	190.44	51.995	75.35	0.12719	26.099	0
"2011-02-27	07:00:00"	5.5178	189.27	50.038	83.842	0.07017	26.105	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-02-27	08:00:00"	5.8813	166.59	47.658	85.101	14.779	26.102	0
"2011-02-27	09:00:00"	2.5663	167.93	48.692	69.374	155.22	26.122	0
"2011-02-27	10:00:00"	8.8023	173.26	57.689	37.727	411.92	26.105	0
"2011-02-27	11:00:00"	15.14	189.38	66.956	12.261	604.99	26.099	0
"2011-02-27	12:00:00"	18.893	207.84	71.184	9.26	743.52	26.087	0
"2011-02-27	13:00:00"	20.721	230.44	74.523	7.2947	796.42	26.066	0
"2011-02-27	14:00:00"	19.132	242.73	75.627	5.795	801.88	26.051	0
"2011-02-27	15:00:00"	16.581	264.2	73.838	6.1053	711.15	26.054	0
"2011-02-27	16:00:00"	20.955	275.67	69.116	13.725	492.6	26.075	0
"2011-02-27	17:00:00"	22.863	282.39	63.602	20.47	343.65	26.113	0
"2011-02-27	18:00:00"	24.223	286.55	59.405	22.708	176.93	26.161	0
"2011-02-27	19:00:00"	23.965	285.85	54.984	25.177	33.006	26.202	0
"2011-02-27	20:00:00"	18.166	281.91	51.119	27.149	0.14796	26.237	0
"2011-02-27	21:00:00"	16.391	276.88	49.02	27.166	0.17573	26.267	0
"2011-02-27	22:00:00"	13.784	278.68	48.524	24.581	0.14542	26.32	0
"2011-02-27	23:00:00"	14.936	295.12	47.546	20.338	0.12486	26.353	0
"2011-02-28	00:00:00"	16.54	293.24	45.893	18.791	0.1416	26.364	0
"2011-02-28	01:00:00"	14.656	288.48	44.499	19.554	0.13058	26.388	0
"2011-02-28	02:00:00"	11.006	275.95	42.812	20.978	0.17849	26.415	0
"2011-02-28	03:00:00"	10.235	285.27	40.745	22.332	0.16386	26.423	0
"2011-02-28	04:00:00"	13.553	303.04	38.835	24.511	0.18188	26.435	0
"2011-02-28	05:00:00"	14.384	309.8	37.739	25.761	0.13185	26.468	0
"2011-02-28	06:00:00"	13.006	321.36	37.244	28.477	0.16556	26.509	0
"2011-02-28	07:00:00"	15.974	335.81	39.986	29.754	0.14245	26.553	0
"2011-02-28	08:00:00"	15.091	346.18	37.03	39.541	32.668	26.592	0
"2011-02-28	09:00:00"	15.788	354.74	38.924	47.84	208.17	26.627	0
"2011-02-28	10:00:00"	14.145	9.0344	43.285	42.089	432.09	26.654	0
"2011-02-28	11:00:00"	12.713	31.952	48.035	33.857	631.84	26.674	0
"2011-02-28	12:00:00"	10.213	54.803	51.572	28.715	777.55	26.692	0
"2011-02-28	13:00:00"	7.3284	74.698	54.274	24.753	855.7	26.683	0
"2011-02-28	14:00:00"	5.4848	79.026	56.448	22.018	856.45	26.663	0
"2011-02-28	15:00:00"	4.4055	89.741	59.071	19.713	783.29	26.636	0
"2011-02-28	16:00:00"	5.6998	132.82	61.337	17.6	651.96	26.63	0
"2011-02-28	17:00:00"	5.7999	146.39	62.226	16.732	461.24	26.633	0
"2011-02-28	18:00:00"	5.972	138.07	62.253	16.114	244.48	26.642	0
"2011-02-28	19:00:00"	4.6062	123.75	60.004	17.621	47.479	26.639	0
"2011-02-28	20:00:00"	3.1889	114.52	54.154	21.919	0.15157	26.648	0
"2011-02-28	21:00:00"	4.7603	154.86	50.368	23.502	0.16195	26.672	0
"2011-02-28	22:00:00"	4.024	167.49	48.342	24.822	0.16322	26.683	0
"2011-02-28	23:00:00"	3.0043	185.16	45.907	26.966	0.15093	26.68	0
"2011-03-01	00:00:00"	3.3952	216.89	44.541	28.97	0.17192	26.669	0
"2011-03-01	01:00:00"	3.8672	261.28	43.071	31.003	0.18391	26.663	0
"2011-03-01	02:00:00"	3.7096	273.38	41.73	32.651	0.15538	26.654	0
"2011-03-01	03:00:00"	4.4894	268.69	40.124	36.121	0.1645	26.642	0
"2011-03-01	04:00:00"	5.5041	246.16	41.128	38.043	0.22915	26.63	0
"2011-03-01	05:00:00"	7.421	253.98	42.368	38.413	0.20371	26.624	0
"2011-03-01	06:00:00"	5.4097	247.39	41.693	40.78	0.17234	26.63	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-01	07:00:00"	5.1425	253.64	39.26	45.495	0.15284	26.645	0
"2011-03-01	08:00:00"	2.9646	225.22	38.901	46.86	38.402	26.642	0
"2011-03-01	09:00:00"	5.3332	176.09	44.104	39.699	212.98	26.657	0
"2011-03-01	10:00:00"	13.944	186.03	52.069	33.794	433.53	26.654	0
"2011-03-01	11:00:00"	16.873	184.03	57.582	26.964	630.1	26.642	0
"2011-03-01	12:00:00"	16.077	182.9	61.696	21.465	764.83	26.633	0
"2011-03-01	13:00:00"	14.756	182.92	64.676	17.431	863.5	26.586	0
"2011-03-01	14:00:00"	12.535	186.67	67.633	13.557	867.5	26.553	0
"2011-03-01	15:00:00"	10.952	188.5	69.747	12.49	771.98	26.524	0
"2011-03-01	16:00:00"	11.824	190.55	70.774	12.367	656.82	26.512	0
"2011-03-01	17:00:00"	12.403	195.61	71.631	11.484	457.06	26.5	0
"2011-03-01	18:00:00"	10.757	189.95	70.99	12.076	181.37	26.5	0
"2011-03-01	19:00:00"	5.8825	176.74	68.159	13.373	28.665	26.5	0
"2011-03-01	20:00:00"	2.9925	121.2	62.12	17.736	0.14775	26.512	0
"2011-03-01	21:00:00"	7.9908	141.04	61.932	18.666	0.138	26.518	0
"2011-03-01	22:00:00"	9.1205	142.98	59.774	21.997	0.16365	26.515	0
"2011-03-01	23:00:00"	9.4591	140.24	57.931	25.386	0.16047	26.509	0
"2011-03-02	00:00:00"	6.4529	165.53	54.672	28.745	0.14839	26.497	0
"2011-03-02	01:00:00"	7.2363	188.48	52.609	31.526	0.17968	26.491	0
"2011-03-02	02:00:00"	6.7195	192.26	50.957	33.917	0.1522	26.485	0
"2011-03-02	03:00:00"	4.7945	235.53	49.182	36.243	0.1363	26.48	0
"2011-03-02	04:00:00"	4.5124	250.58	47.159	39.462	0.15305	26.468	0
"2011-03-02	05:00:00"	4.8964	227.56	48.056	38.102	0.11786	26.468	0
"2011-03-02	06:00:00"	6.9171	246.2	45.55	41.668	0.17912	26.471	0
"2011-03-02	07:00:00"	5.4097	274.29	42.602	46.161	0.15941	26.491	0
"2011-03-02	08:00:00"	5.6023	240.83	42.379	46.394	38.062	26.497	0
"2011-03-02	09:00:00"	2.7117	262.76	46.774	39.671	215.67	26.527	0
"2011-03-02	10:00:00"	5.1381	296.94	57.395	25.298	435.86	26.539	0
"2011-03-02	11:00:00"	5.3332	310.75	66.937	14.035	629.67	26.536	0
"2011-03-02	12:00:00"	5.2369	62.467	70.948	10.253	777.08	26.524	0
"2011-03-02	13:00:00"	4.2433	102.32	73.728	8.325	855.05	26.503	0
"2011-03-02	14:00:00"	3.9519	51.26	75.762	7.2622	842.56	26.471	0
"2011-03-02	15:00:00"	2.9671	84.211	78.098	6.6503	783.77	26.45	0
"2011-03-02	16:00:00"	4.9449	223.37	79.829	6.245	650.33	26.432	0
"2011-03-02	17:00:00"	3.896	137.41	79.27	6.3217	461.7	26.42	0
"2011-03-02	18:00:00"	5.048	174.6	79.771	6.4795	248.05	26.403	0
"2011-03-02	19:00:00"	3.6959	250.85	77.165	8.297	50.465	26.406	0
"2011-03-02	20:00:00"	1.1421	75.105	68.492	11.501	0.17933	26.409	0
"2011-03-02	21:00:00"	1.2601	4.4686	64.314	12.646	0.09751	26.42	0
"2011-03-02	22:00:00"	2.0014	242.88	63.838	12.955	0.13376	26.426	0
"2011-03-02	23:00:00"	3.3473	140.36	60.513	14.615	0.13291	26.426	0
"2011-03-03	00:00:00"	7.0855	170.93	56.363	19.854	0.11574	26.418	0
"2011-03-03	01:00:00"	6.0137	180.77	55	28.129	0.13952	26.415	0
"2011-03-03	02:00:00"	7.8386	191.72	54.684	34.294	0.09285	26.409	0
"2011-03-03	03:00:00"	4.8492	217.08	52.616	37.388	0.13143	26.394	0
"2011-03-03	04:00:00"	5.3767	207.15	50.206	41.731	0.14478	26.385	0
"2011-03-03	05:00:00"	5.4606	225.62	49.316	45.066	0.12337	26.388	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-03	06:00:00"	4.6429	231.21	48.709	47.139	0.14945	26.391	0
"2011-03-03	07:00:00"	5.1201	252.78	46.416	51	0.16725	26.403	0
"2011-03-03	08:00:00"	3.3392	260.24	46.548	51.93	34.386	26.412	0
"2011-03-03	09:00:00"	3.8519	258.81	53.452	39.158	238.33	26.432	0
"2011-03-03	10:00:00"	3.8301	276.91	60.606	21.297	224.65	26.435	0
"2011-03-03	11:00:00"	3.8879	260.7	67.34	16.516	629.31	26.435	0
"2011-03-03	12:00:00"	5.7198	286.78	73.127	14.444	497.18	26.423	0
"2011-03-03	13:00:00"	4.6764	264.29	76.688	13.146	719.38	26.397	0
"2011-03-03	14:00:00"	7.3229	230.85	77.839	12.969	734.1	26.37	0
"2011-03-03	15:00:00"	7.9262	240.5	77.879	13.07	574.72	26.344	0
"2011-03-03	16:00:00"	9.1901	239.62	79.599	12.581	619.19	26.326	0
"2011-03-03	17:00:00"	8.5786	258.65	79.907	12.728	372.68	26.314	0
"2011-03-03	18:00:00"	7.4788	264.73	78.883	13.179	172.43	26.308	0
"2011-03-03	19:00:00"	2.4339	292.82	75.265	14.471	36.859	26.305	0
"2011-03-03	20:00:00"	0.72514	229.95	69.321	17.46	0.15263	26.305	0
"2011-03-03	21:00:00"	2.0909	142.87	67.092	18.731	0.1115	26.308	0
"2011-03-03	22:00:00"	1.9679	178.16	66.669	19.008	0.09645	26.308	0
"2011-03-03	23:00:00"	2.8832	197.78	64.983	20.029	0.15941	26.305	0
"2011-03-04	00:00:00"	1.825	267.39	63.194	19.842	0.10811	26.299	0
"2011-03-04	01:00:00"	2.4495	290.34	60.876	20.816	0.13339	26.291	0
"2011-03-04	02:00:00"	3.4946	275.52	59.833	20.353	0.09539	26.291	0
"2011-03-04	03:00:00"	3.5723	238.48	60.72	19.288	0.12528	26.279	0
"2011-03-04	04:00:00"	4.9766	215	60.119	18.985	0.12592	26.273	0
"2011-03-04	05:00:00"	3.9724	266.35	58.299	18.628	0.13545	26.282	0
"2011-03-04	06:00:00"	7.3017	298.19	56.929	17.89	0.12613	26.305	0
"2011-03-04	07:00:00"	8.0318	312.5	53.874	21.011	0.13143	26.326	0
"2011-03-04	08:00:00"	7.1172	316.41	51.622	25.003	18.719	26.347	0
"2011-03-04	09:00:00"	11.732	326.42	57.077	23.02	134.46	26.373	0
"2011-03-04	10:00:00"	16.41	337.29	63.98	19.004	361.13	26.382	0
"2011-03-04	11:00:00"	18.638	342.9	68.584	15.541	641.76	26.388	0
"2011-03-04	12:00:00"	16.711	349.89	68.478	16.113	763.79	26.388	0
"2011-03-04	13:00:00"	13.346	358.67	68.368	17.143	837.45	26.376	0
"2011-03-04	14:00:00"	11.165	349.48	69.856	16.705	857.4	26.361	0
"2011-03-04	15:00:00"	9.8966	324.7	70.874	14.418	781.9	26.353	0
"2011-03-04	16:00:00"	8.3413	333.27	71.845	13.081	642.22	26.341	0
"2011-03-04	17:00:00"	7.5913	320.29	72.358	11.98	451.77	26.341	0
"2011-03-04	18:00:00"	7.2265	335.51	71.556	11.944	240.1	26.35	0
"2011-03-04	19:00:00"	6.7947	0.11988	67.703	13.312	49.706	26.364	0
"2011-03-04	20:00:00"	3.9221	3.4186	57.124	18.686	0.16132	26.391	0
"2011-03-04	21:00:00"	5.6209	17.731	55.217	23.927	0.12931	26.426	0
"2011-03-04	22:00:00"	9.2833	4.0902	56.697	29.164	0.11404	26.497	0
"2011-03-04	23:00:00"	16.663	16.266	58.365	33.577	0.11447	26.545	0
"2011-03-05	00:00:00"	10.462	33.32	56.488	38.477	0.10747	26.547	0
"2011-03-05	01:00:00"	18.008	34.235	50.472	56.206	0.16637	26.607	0
"2011-03-05	02:00:00"	20.966	26.373	42.564	72.727	0.13206	26.636	0
"2011-03-05	03:00:00"	17.087	357.75	41.455	73.122	0.16195	26.674	0
"2011-03-05	04:00:00"	15.247	358.57	40.298	75.434	0.17658	26.674	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-05	05:00:00"	18.224	348.91	39.095	76.605	0.16428	26.689	0
"2011-03-05	06:00:00"	14.835	354.27	37.544	78.41	0.14054	26.695	0
"2011-03-05	07:00:00"	12.626	349.2	36.376	79.374	0.17785	26.722	0
"2011-03-05	08:00:00"	12.555	348.85	35.977	76.336	40.957	26.757	0
"2011-03-05	09:00:00"	12.683	1.8324	38.04	66.457	218.26	26.775	0
"2011-03-05	10:00:00"	12.859	7.9933	41.251	54.136	442.47	26.796	0
"2011-03-05	11:00:00"	11.894	20.863	45.175	42.525	642.32	26.79	0
"2011-03-05	12:00:00"	12.772	34.553	49.101	32.443	787.87	26.778	0
"2011-03-05	13:00:00"	12.348	30.753	51.898	26.197	868.31	26.757	0
"2011-03-05	14:00:00"	10.361	38.107	53.925	21.42	873.48	26.716	0
"2011-03-05	15:00:00"	7.1532	36.11	55.423	19.23	802.13	26.698	0
"2011-03-05	16:00:00"	6.6002	28.248	56.566	17.979	664.96	26.677	0
"2011-03-05	17:00:00"	6.1721	84.644	56.935	17.161	477.63	26.657	0
"2011-03-05	18:00:00"	5.6271	63.553	56.553	17.372	258.25	26.645	0
"2011-03-05	19:00:00"	5.2549	87.323	54.761	19.574	56.419	26.645	0
"2011-03-05	20:00:00"	3.9395	93.686	48.232	24.404	0.17043	26.645	0
"2011-03-05	21:00:00"	5.2431	75.824	44.515	27.218	0.14393	26.648	0
"2011-03-05	22:00:00"	3.909	126.32	41.423	30.687	0.14415	26.651	0
"2011-03-05	23:00:00"	5.1543	140.05	41.589	32.111	0.16492	26.639	0
"2011-03-06	00:00:00"	6.8873	131.86	43.068	31.065	0.14012	26.621	0
"2011-03-06	01:00:00"	6.8019	153.64	41.718	31.989	0.12916	26.615	0
"2011-03-06	02:00:00"	5.0561	214.46	38.916	34.486	0.20244	26.601	0
"2011-03-06	03:00:00"	6.0391	243.14	37.849	35.452	0.15093	26.577	0
"2011-03-06	04:00:00"	6.8481	239.2	38.044	34.671	0.19036	26.562	0
"2011-03-06	05:00:00"	6.8935	213.56	36.851	36.671	0.19057	26.547	0
"2011-03-06	06:00:00"	6.9084	213.24	34.899	39.857	0.16174	26.536	0
"2011-03-06	07:00:00"	5.5501	220.08	32.93	43.16	0.1946	26.518	0
"2011-03-06	08:00:00"	5.4233	195.59	32.781	46.33	53.848	26.521	0
"2011-03-06	09:00:00"	11.375	179.1	40.183	39.582	227.25	26.53	0
"2011-03-06	10:00:00"	17.884	184.17	47.172	31.776	456.07	26.503	0
"2011-03-06	11:00:00"	16.274	187.1	50.812	27.54	637.44	26.488	0
"2011-03-06	12:00:00"	14.111	186.7	55.204	23.644	769.79	26.474	0
"2011-03-06	13:00:00"	12.306	185.07	58.916	20.674	832.86	26.432	0
"2011-03-06	14:00:00"	12.495	198.57	62.279	18.506	807.72	26.376	0
"2011-03-06	15:00:00"	13.107	195.43	63.247	17.695	669.38	26.338	0
"2011-03-06	16:00:00"	13.827	192.95	64.058	16.986	500.45	26.314	0
"2011-03-06	17:00:00"	12.436	194.66	65.112	16.053	311.29	26.279	0
"2011-03-06	18:00:00"	12.918	191.63	65.533	15.662	214.29	26.27	0
"2011-03-06	19:00:00"	11.052	187.65	64.392	16.283	34.679	26.252	0
"2011-03-06	20:00:00"	5.7607	173.11	59.566	19.399	0.12549	26.246	0
"2011-03-06	21:00:00"	11.948	161.86	58.697	22.673	0.10769	26.24	0
"2011-03-06	22:00:00"	13.383	162.36	56.328	26.33	0.13058	26.24	0
"2011-03-06	23:00:00"	11.805	177.89	53.831	28.624	0.12295	26.22	0
"2011-03-07	00:00:00"	11.491	187.53	52.451	30.409	0.12062	26.205	0
"2011-03-07	01:00:00"	11.646	188.33	51.465	32.134	0.11796	26.193	0
"2011-03-07	02:00:00"	9.2106	188.36	49.746	34.472	0.16322	26.181	0
"2011-03-07	03:00:00"	8.944	194.68	47.977	36.785	0.14139	26.167	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-07	04:00:00"	7.7758	196.51	45.73	39.692	0.14627	26.152	0
"2011-03-07	05:00:00"	5.9328	204.29	44.211	41.702	0.12804	26.152	0
"2011-03-07	06:00:00"	6.4212	225.9	43	43.514	0.16513	26.158	0
"2011-03-07	07:00:00"	5.2133	224.75	42.713	43.972	0.17298	26.164	0
"2011-03-07	08:00:00"	3.3225	244.33	42.078	44.703	47.583	26.181	0
"2011-03-07	09:00:00"	4.4148	229.71	45.196	40.48	144.95	26.193	0
"2011-03-07	10:00:00"	5.2537	215.29	50.517	32.504	255.33	26.196	0
"2011-03-07	11:00:00"	6.5567	239.52	62.112	21.158	593.46	26.187	0
"2011-03-07	12:00:00"	8.9552	235.34	71.192	15.779	584.98	26.175	0
"2011-03-07	13:00:00"	13.089	269.81	73.921	15.585	659.58	26.146	0
"2011-03-07	14:00:00"	13.563	252.77	75.769	13.834	855.96	26.102	0
"2011-03-07	15:00:00"	12.252	228.67	76.736	12.636	816.65	26.066	0
"2011-03-07	16:00:00"	14.104	231.93	78.535	10.895	651.73	26.031	0
"2011-03-07	17:00:00"	14.165	245.51	79.388	9.5692	323.87	26.01	0
"2011-03-07	18:00:00"	10.739	242.03	78.314	9.3958	109.85	25.986	0
"2011-03-07	19:00:00"	10.853	237.77	77.884	9.6414	39.21	26.013	0
"2011-03-07	20:00:00"	16.306	266.16	75.763	10.949	0.22131	26.037	0
"2011-03-07	21:00:00"	15.7	266.59	73.78	11.187	0.07992	26.06	0
"2011-03-07	22:00:00"	16.689	273.14	71.828	12.131	0.07992	26.093	0
"2011-03-07	23:00:00"	14.18	272.43	68.846	13.558	0.09285	26.119	0
"2011-03-08	00:00:00"	8.4307	280.45	64.649	15.058	0.10493	26.122	0
"2011-03-08	01:00:00"	5.4616	292.91	58.889	17.341	0.09935	26.137	0
"2011-03-08	02:00:00"	9.515	6.4443	49.662	34.269	0.17086	26.137	0
"2011-03-08	03:00:00"	8.1114	337.2	44.012	45.121	0.0973	26.143	0
"2011-03-08	04:00:00"	4.8815	308.99	39.494	52.56	0.17234	26.14	0
"2011-03-08	05:00:00"	5.1418	295.08	36.087	58.093	0.13885	26.149	0
"2011-03-08	06:00:00"	5.1642	279.51	36.087	60.799	0.14627	26.158	0
"2011-03-08	07:00:00"	5.6259	278.38	35.666	59.211	0.17404	26.181	0
"2011-03-08	08:00:00"	7.5739	209.17	39.026	53.294	47.766	26.193	0
"2011-03-08	09:00:00"	9.1919	215.24	48.132	34.964	215.95	26.223	0
"2011-03-08	10:00:00"	13.049	257.9	59.529	20.273	362.16	26.24	0
"2011-03-08	11:00:00"	16.112	277.62	60.914	18.768	511.79	26.258	0
"2011-03-08	12:00:00"	15.891	281.55	62.462	17.438	651.16	26.252	0
"2011-03-08	13:00:00"	16.258	294.98	64.79	16.31	885.44	26.229	0
"2011-03-08	14:00:00"	15.139	300.78	66.181	15.968	877.7	26.232	0
"2011-03-08	15:00:00"	14.428	293.33	67.124	15.638	822.14	26.229	0
"2011-03-08	16:00:00"	11.862	280.46	68.67	14.291	666.78	26.234	0
"2011-03-08	17:00:00"	14.792	289.68	68.693	12.047	470.23	26.249	0
"2011-03-08	18:00:00"	16.251	310.53	67.372	11.769	265.82	26.282	0
"2011-03-08	19:00:00"	11.264	318.82	64.211	12.033	60.58	26.305	0
"2011-03-08	20:00:00"	5.8266	331.85	55.324	15.397	0.28872	26.335	0
"2011-03-08	21:00:00"	7.6509	333.51	52.118	18.085	0.14309	26.358	0
"2011-03-08	22:00:00"	10.934	329.93	54.69	18.655	0.11426	26.394	0
"2011-03-08	23:00:00"	10.177	337.66	51.273	22.336	0.12464	26.423	0
"2011-03-09	00:00:00"	10.765	4.0989	48.172	30.389	0.15665	26.45	0
"2011-03-09	01:00:00"	10.806	4.1361	43.419	48.402	0.1416	26.468	0
"2011-03-09	02:00:00"	11.002	0.08898	39.945	60.897	0.13673	26.491	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-09	03:00:00"	11.095	355.19	36.754	66.241	0.13291	26.509	0
"2011-03-09	04:00:00"	11.562	349.59	33.719	69.054	0.16238	26.524	0
"2011-03-09	05:00:00"	12.273	345.88	32.531	69.168	0.19884	26.542	0
"2011-03-09	06:00:00"	9.845	340.7	30.779	72.01	0.20816	26.565	0
"2011-03-09	07:00:00"	10.362	346.15	30.026	73.319	0.18951	26.598	0
"2011-03-09	08:00:00"	7.9051	329.4	30.733	72.021	49.527	26.642	0
"2011-03-09	09:00:00"	6.4902	352.56	36.552	59.645	238.94	26.669	0
"2011-03-09	10:00:00"	7.6901	39.004	42.659	47.482	466.09	26.686	0
"2011-03-09	11:00:00"	3.5505	354.84	48.016	38.78	663.92	26.692	0
"2011-03-09	12:00:00"	6.5921	320.52	52.404	31.625	812.56	26.686	0
"2011-03-09	13:00:00"	7.0961	305.3	56.201	26.021	889.06	26.672	0
"2011-03-09	14:00:00"	7.1395	331.96	60.635	20.348	893.75	26.651	0
"2011-03-09	15:00:00"	8.3233	335.91	63.897	16.244	790.97	26.642	0
"2011-03-09	16:00:00"	8.5544	309.41	67.335	12.874	334.34	26.636	0
"2011-03-09	17:00:00"	8.4786	341.97	67.048	12.028	189.37	26.636	0
"2011-03-09	18:00:00"	7.0507	0.90571	66.18	12.792	121.9	26.651	0
"2011-03-09	19:00:00"	6.2702	49.261	61.67	18.248	66.776	26.666	0
"2011-03-09	20:00:00"	3.745	49.897	52.261	24.458	0.3008	26.689	0
"2011-03-09	21:00:00"	4.8498	80.926	49.59	29.24	0.10281	26.704	0
"2011-03-09	22:00:00"	4.3819	74.114	46.379	31.975	0.08161	26.716	0
"2011-03-09	23:00:00"	3.8736	22.687	43.105	34.605	0.1062	26.722	0
"2011-03-10	00:00:00"	3.9612	31.017	41.709	35.416	0.0778	26.731	0
"2011-03-10	01:00:00"	4.7404	105.41	43.529	32.73	0.07059	26.736	0
"2011-03-10	02:00:00"	5.8266	105.56	44.128	30.806	0.0973	26.748	0
"2011-03-10	03:00:00"	3.8985	144.19	41.302	33.85	0.10217	26.748	0
"2011-03-10	04:00:00"	5.1648	350.88	38.596	38.152	0.08649	26.757	0
"2011-03-10	05:00:00"	4.2427	345.83	38.746	39.69	0.08352	26.76	0
"2011-03-10	06:00:00"	6.6219	140.79	40.457	39.647	0.06614	26.766	0
"2011-03-10	07:00:00"	4.267	27.817	37.378	43.888	0.17467	26.769	0
"2011-03-10	08:00:00"	4.605	85.868	36.423	45.962	61.483	26.775	0
"2011-03-10	09:00:00"	9.7804	116.34	43.841	36.267	269.13	26.784	0
"2011-03-10	10:00:00"	13.668	155.48	50.943	29.561	501.03	26.772	0
"2011-03-10	11:00:00"	15.621	169.76	56.428	25.963	694.72	26.76	0
"2011-03-10	12:00:00"	15.593	172.86	60.76	23.943	826.86	26.745	0
"2011-03-10	13:00:00"	15.641	179.6	64.081	20.539	920.82	26.719	0
"2011-03-10	14:00:00"	11.352	184.35	67.973	17.354	728.32	26.686	0.11
"2011-03-10	15:00:00"	13.78	192.29	68.094	15.246	845.46	26.657	0
"2011-03-10	16:00:00"	11.518	195.18	70.179	13.78	675.26	26.633	0
"2011-03-10	17:00:00"	11.832	192.79	71.347	13.298	500.71	26.609	0
"2011-03-10	18:00:00"	12.236	185.73	70.882	13.424	269.8	26.598	0
"2011-03-10	19:00:00"	8.2127	177.34	68.333	14.548	43.238	26.592	0
"2011-03-10	20:00:00"	6.8432	159.03	62.735	17.403	0.2902	26.589	0
"2011-03-10	21:00:00"	8.9887	155.68	58.906	19.765	0.11129	26.592	0
"2011-03-10	22:00:00"	8.2891	151.03	55.226	23.073	0.13249	26.589	0
"2011-03-10	23:00:00"	6.9009	159.25	53.14	26.042	0.13736	26.577	0
"2011-03-11	00:00:00"	8.1791	177.69	53.722	28.077	0.14054	26.565	0
"2011-03-11	01:00:00"	7.771	183.88	52.216	29.841	0.141	26.553	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-11"	02:00:00"	7.0681	185.75	50.112	31.509	0.11786	26.547	0
"2011-03-11"	03:00:00"	6.9438	188.43	49.056	31.492	0.14987	26.53	0
"2011-03-11"	04:00:00"	7.0619	193.68	47.774	31.816	0.13461	26.509	0
"2011-03-11"	05:00:00"	7.385	207.12	47.171	31.761	0.15072	26.5	0
"2011-03-11"	06:00:00"	7.8212	205.27	46.579	31.944	0.20922	26.491	0
"2011-03-11"	07:00:00"	6.3113	227.89	45.049	33.511	0.30207	26.497	0
"2011-03-11"	08:00:00"	5.6806	228.39	44.387	33.624	63.874	26.503	0
"2011-03-11"	09:00:00"	6.3417	220.13	47.885	29.6	261.38	26.515	0
"2011-03-11"	10:00:00"	9.6288	201.22	55.942	22.861	503.47	26.515	0
"2011-03-11"	11:00:00"	9.6716	202.35	62.122	18.368	682.24	26.503	0
"2011-03-11"	12:00:00"	10.192	205.97	67.559	15.37	810.41	26.488	0
"2011-03-11"	13:00:00"	10.974	220.2	71.857	13.417	830.18	26.462	0
"2011-03-11"	14:00:00"	9.6182	222.51	75.323	11.813	854.68	26.429	0
"2011-03-11"	15:00:00"	8.327	211.82	79.565	9.6236	850.49	26.394	0
"2011-03-11"	16:00:00"	9.0105	210.73	82.015	7.7831	702.05	26.367	0
"2011-03-11"	17:00:00"	9.9693	231.02	83.531	7.0017	501.36	26.358	0
"2011-03-11"	18:00:00"	7.8964	230.31	83.226	7.1306	268.88	26.356	0
"2011-03-11"	19:00:00"	5.9391	226.22	80.464	7.8433	64.78	26.364	0
"2011-03-11"	20:00:00"	5.9111	194.54	75.516	8.3853	0.3451	26.379	0
"2011-03-11"	21:00:00"	4.5167	176.89	70.24	10.905	0.10366	26.4	0
"2011-03-11"	22:00:00"	9.0335	188.91	66.523	16.859	0.11299	26.406	0
"2011-03-11"	23:00:00"	8.1319	193.73	62.763	20.268	0.1291	26.406	0
"2011-03-12"	00:00:00"	8.135	198.47	60.165	23.341	0.15326	26.4	0
"2011-03-12"	01:00:00"	7.5281	198.13	57.748	25.367	0.13762	26.385	0
"2011-03-12"	02:00:00"	7.7591	201.71	55.392	27.615	0.10599	26.388	0
"2011-03-12"	03:00:00"	5.2214	207.15	53.917	30.085	0.13927	26.382	0
"2011-03-12"	04:00:00"	5.2456	221.43	52.361	32.716	0.14881	26.367	0
"2011-03-12"	05:00:00"	3.855	220.85	51.39	34.583	0.177	26.376	0
"2011-03-12"	06:00:00"	4.8964	227.58	50.002	37.984	0.1327	26.373	0
"2011-03-12"	07:00:00"	5.8483	235.8	48.684	42.022	0.29465	26.382	0
"2011-03-12"	08:00:00"	3.9302	246.88	47.845	45.023	63.287	26.412	0
"2011-03-12"	09:00:00"	5.1493	241.99	52.629	40.775	282.71	26.423	0
"2011-03-12"	10:00:00"	5.4569	240.82	62.161	25.731	469.24	26.438	0
"2011-03-12"	11:00:00"	8.117	298.01	71.06	13.398	637.05	26.453	0
"2011-03-12"	12:00:00"	6.786	356.58	74.267	10.391	818.14	26.45	0
"2011-03-12"	13:00:00"	5.9372	355.57	76.114	8.8475	920.06	26.432	0
"2011-03-12"	14:00:00"	7.7696	39.425	77.429	9.035	713.61	26.397	0
"2011-03-12"	15:00:00"	8.9763	39.699	77.712	9.6628	790.82	26.379	0
"2011-03-12"	16:00:00"	7.6919	23.813	76.939	10.955	432.23	26.373	0
"2011-03-12"	17:00:00"	5.0654	39.503	78.13	9.8381	429.57	26.361	0
"2011-03-12"	18:00:00"	7.1924	72.151	77.018	10.516	213.64	26.364	0
"2011-03-12"	19:00:00"	4.6864	94.591	73.724	11.506	50.46	26.376	0
"2011-03-12"	20:00:00"	7.5012	124.92	68.319	14.408	0.19354	26.394	0
"2011-03-12"	21:00:00"	6.4281	142.95	66.092	15.835	0.10027	26.4	0
"2011-03-12"	22:00:00"	5.7464	152.24	63.375	17.306	0.1185	26.406	0
"2011-03-12"	23:00:00"	5.0841	171.2	61.483	18.559	0.12019	26.403	0
"2011-03-13"	00:00:00"	3.0615	141.02	60.73	18.552	0.14012	26.403	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-13"	01:00:00"	2.6899	116.98	55.704	22.567	0.11998	26.4	0
"2011-03-13"	02:00:00"	5.4277	98.881	55.28	23.833	0.13037	26.403	0
"2011-03-13"	03:00:00"	5.0207	96.641	53.539	28.313	0.11934	26.388	0
"2011-03-13"	04:00:00"	6.2584	57.529	51.207	35.404	0.10875	26.382	0
"2011-03-13"	05:00:00"	4.9952	13.247	48.006	40.551	0.12146	26.385	0
"2011-03-13"	06:00:00"	2.3755	53.975	47.759	42.64	0.12761	26.397	0
"2011-03-13"	07:00:00"	4.0756	329.94	45.714	45.331	0.18209	26.415	0
"2011-03-13"	08:00:00"	3.2299	302.8	45.515	46.415	41.338	26.432	0
"2011-03-13"	09:00:00"	7.3881	356.29	50.482	40.434	213.73	26.462	0
"2011-03-13"	10:00:00"	7.6901	29.052	54.769	36.574	472.69	26.48	0
"2011-03-13"	11:00:00"	7.4254	4.4473	61.121	28.64	653.36	26.485	0
"2011-03-13"	12:00:00"	10.44	349.15	67.877	19.062	817.7	26.474	0
"2011-03-13"	13:00:00"	12.746	341.43	73.152	13.884	732.8	26.459	0
"2011-03-13"	14:00:00"	13.981	317.79	77.088	8.6328	846.32	26.435	0
"2011-03-13"	15:00:00"	11.909	297.81	79.366	7.3661	853.69	26.423	0
"2011-03-13"	16:00:00"	8.4103	280.73	78.429	7.4903	422.82	26.423	0
"2011-03-13"	17:00:00"	10.367	298.37	78.13	7.42	429.46	26.432	0
"2011-03-13"	18:00:00"	7.1843	295.53	77.067	7.4192	268.5	26.441	0
"2011-03-13"	19:00:00"	3.4194	249.5	75.551	7.4122	77.295	26.453	0
"2011-03-13"	20:00:00"	2.9764	178.74	71.312	8.497	0.56471	26.468	0
"2011-03-13"	21:00:00"	6.5921	109.07	65.342	16.294	0.12231	26.512	0
"2011-03-13"	22:00:00"	8.0262	46.144	57.85	30.413	0.13397	26.545	0
"2011-03-13"	23:00:00"	8.9011	37.15	54.444	38.808	0.13545	26.559	0
"2011-03-14"	01:00:00"	11.753	52.067	53.336	45.715	0.15537	26.58	0
"2011-03-14"	02:00:00"	10.422	45.065	51	53.092	0.11553	26.595	0
"2011-03-14"	03:00:00"	9.7593	28.099	47.387	61.19	0.1221	26.604	0
"2011-03-14"	04:00:00"	10.535	23.31	44.271	66.699	0.14203	26.609	0
"2011-03-14"	05:00:00"	12.828	16.402	41.673	68.418	0.10705	26.601	0
"2011-03-14"	06:00:00"	15.294	18.073	40.104	67.52	0.15326	26.609	0
"2011-03-14"	07:00:00"	13.768	9.7575	38.093	70.51	0.13079	26.63	0
"2011-03-14"	08:00:00"	12.329	358.74	36.186	73.524	0.41336	26.651	0
"2011-03-14"	09:00:00"	11.781	350.94	35.081	73.691	64.972	26.669	0
"2011-03-14"	10:00:00"	11.443	23.687	40.48	56.718	277.18	26.686	0
"2011-03-14"	11:00:00"	10.141	57.923	46.217	41.681	475.46	26.704	0
"2011-03-14"	12:00:00"	7.6584	74.165	50.463	34.066	714.78	26.704	0
"2011-03-14"	13:00:00"	7.462	81.806	53.784	28.78	864.85	26.689	0
"2011-03-14"	14:00:00"	7.8498	114.42	57.639	22.911	942.91	26.66	0
"2011-03-14"	15:00:00"	7.2502	122.17	60.572	18.994	940.3	26.618	0
"2011-03-14"	16:00:00"	7.7056	119.17	62.801	17.575	855.53	26.595	0
"2011-03-14"	17:00:00"	6.9109	117.08	64.322	17.536	641.3	26.568	0
"2011-03-14"	18:00:00"	7.764	161.89	65.435	17.825	381.77	26.553	0
"2011-03-14"	19:00:00"	9.7425	157.09	65.192	18.078	261.26	26.547	0
"2011-03-14"	20:00:00"	8.2717	155.17	63.702	19.329	83.274	26.547	0
"2011-03-14"	21:00:00"	7.9977	125.89	59.464	22.487	0.44431	26.547	0
"2011-03-14"	22:00:00"	8.4767	118.72	55.862	24.857	0.14648	26.553	0
"2011-03-14"	23:00:00"	8.7539	120.7	53.785	26.688	0.12804	26.55	0
"2011-03-15"	00:00:00"	9.817	119.07	52.322	28.585	0.13058	26.55	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-15"	01:00:00"	8.9036	118.97	50.275	31.589	0.14669	26.539	0
"2011-03-15"	02:00:00"	7.7814	118.53	48.696	34.393	0.14203	26.536	0
"2011-03-15"	03:00:00"	6.3175	124.67	46.624	38.493	0.14075	26.536	0
"2011-03-15"	04:00:00"	3.7755	37.41	44.342	42.343	0.12358	26.518	0
"2011-03-15"	05:00:00"	6.9848	131.63	44.905	43.354	0.14521	26.491	0
"2011-03-15"	06:00:00"	6.74	133.81	44.635	45.157	0.14245	26.48	0
"2011-03-15"	07:00:00"	4.2092	153.81	42.944	48.217	0.18803	26.48	0
"2011-03-15"	08:00:00"	3.7904	296.64	40.256	52.133	0.5327	26.485	0
"2011-03-15"	09:00:00"	2.4631	334.17	40.213	53.537	64.087	26.5	0
"2011-03-15"	10:00:00"	4.5969	164.94	48.674	51.806	264.74	26.512	0
"2011-03-15"	11:00:00"	8.9353	200.71	55.787	53.191	503.62	26.515	0
"2011-03-15"	12:00:00"	7.8523	225.08	63.057	41.768	707.35	26.512	0
"2011-03-15"	13:00:00"	7.5596	254.29	71.766	25.978	855.67	26.494	0
"2011-03-15"	14:00:00"	7.1756	280.68	77.106	16.381	932.06	26.471	0
"2011-03-15"	15:00:00"	6.7326	294.12	80.35	11.176	930.82	26.441	0
"2011-03-15"	16:00:00"	6.5735	272.72	81.134	9.9922	861.03	26.429	0
"2011-03-15"	17:00:00"	7.3204	280.23	82.019	9.4631	670.22	26.423	0
"2011-03-15"	18:00:00"	7.0246	292.99	81.502	9.2775	463.53	26.418	0
"2011-03-15"	19:00:00"	7.311	343.22	79.368	11.521	177.01	26.426	0
"2011-03-15"	20:00:00"	8.4363	62.231	74.287	19.276	54.999	26.429	0
"2011-03-15"	21:00:00"	7.0898	78.305	68.856	25.011	0.37012	26.45	0
"2011-03-15"	22:00:00"	7.6379	69.826	65.069	28.79	0.10853	26.465	0
"2011-03-15"	23:00:00"	7.6907	65.689	62.862	30.746	0.11998	26.494	0
"2011-03-16"	00:00:00"	4.4956	77.196	59.871	34.027	0.13185	26.5	0
"2011-03-16"	01:00:00"	3.4855	62.254	56.952	39.553	0.13445	26.494	0
"2011-03-16"	02:00:00"	2.2444	104.79	55.163	45.041	0.12189	26.488	0
"2011-03-16"	03:00:00"	1.9959	18.134	51.641	52.991	0.12401	26.477	0
"2011-03-16"	04:00:00"	1.5677	264.1	49.595	62.213	0.11701	26.462	0
"2011-03-16"	05:00:00"	1.8094	282.71	47.947	67.659	0.10896	26.447	0
"2011-03-16"	06:00:00"	2.5787	137.27	50.649	74.727	0.1009	26.444	0
"2011-03-16"	07:00:00"	1.7355	307.73	47.852	81.426	0.10705	26.453	0
"2011-03-16"	08:00:00"	3.8152	326.44	44.727	86.897	0.42375	26.465	0
"2011-03-16"	09:00:00"	1.9492	27.886	46.271	87.542	23.694	26.485	0
"2011-03-16"	10:00:00"	5.4239	158.69	53.196	88.007	88.534	26.5	0
"2011-03-16"	11:00:00"	12.147	183.84	58.158	82.223	342.82	26.497	0
"2011-03-16"	12:00:00"	11.815	186.52	64.492	66.266	697.3	26.491	0
"2011-03-16"	13:00:00"	11.175	201.03	71.453	44.44	843.3	26.465	0
"2011-03-16"	14:00:00"	10.573	214.74	77.906	25.51	921.26	26.441	0
"2011-03-16"	15:00:00"	11.327	210.22	81.948	17.344	916.02	26.403	0
"2011-03-16"	16:00:00"	12.742	216.13	84.816	10.818	845.58	26.37	0
"2011-03-16"	17:00:00"	13.966	216.4	85.813	9.9872	702.95	26.356	0
"2011-03-16"	18:00:00"	15.654	222.76	86.387	7.8356	512.02	26.353	0
"2011-03-16"	19:00:00"	12.878	235.55	85.705	7.3894	288.65	26.356	0
"2011-03-16"	20:00:00"	7.4712	242.46	82.329	8.0803	77.037	26.361	0
"2011-03-16"	21:00:00"	1.4528	251.25	73.151	10.824	0.65014	26.373	0
"2011-03-16"	22:00:00"	5.368	270.37	70.868	12.429	0.09285	26.388	0
"2011-03-16"	23:00:00"	7.4844	188.3	70.368	23.316	0.09158	26.423	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-17"	00:00:00"	8.3077	180.76	66.354	58.842	0.09264	26.435	0
"2011-03-17"	01:00:00"	6.3627	179	62.865	70.209	0.10161	26.426	0
"2011-03-17"	02:00:00"	7.7069	189.98	60.768	76.483	0.08606	26.415	0
"2011-03-17"	03:00:00"	6.8748	199.8	59.336	79.947	0.0831	26.418	0
"2011-03-17"	04:00:00"	7.1439	201.79	57.05	84.386	0.07483	26.412	0
"2011-03-17"	05:00:00"	7.6839	187.84	55.309	85.738	0.09009	26.406	0
"2011-03-17"	06:00:00"	9.1932	187.76	55.061	84.148	0.07992	26.412	0
"2011-03-17"	07:00:00"	5.4389	217.31	54.198	84.856	0.07758	26.438	0
"2011-03-17"	08:00:00"	3.6816	239.09	51.889	89.24	0.73938	26.45	0
"2011-03-17"	09:00:00"	3.2815	235.25	51.515	90.614	84.516	26.474	0
"2011-03-17"	10:00:00"	6.4051	220.11	55.231	81.42	284.38	26.506	0
"2011-03-17"	11:00:00"	8.1542	206.61	62.96	51.504	509.48	26.518	0
"2011-03-17"	12:00:00"	7.3645	226.07	71.861	26.974	705.55	26.518	0
"2011-03-17"	13:00:00"	6.7965	258.75	80.036	13.337	846.53	26.506	0
"2011-03-17"	14:00:00"	5.7775	235.64	83.127	10.075	919.82	26.483	0
"2011-03-17"	15:00:00"	6.4492	246.76	85.099	7.9572	920.79	26.456	0
"2011-03-17"	16:00:00"	7.6832	261.8	87.483	6.8106	844.02	26.429	0
"2011-03-17"	17:00:00"	8.6998	237.71	87.855	6.1636	705.5	26.42	0
"2011-03-17"	18:00:00"	7.8007	247.93	87.511	6.3	508.99	26.412	0
"2011-03-17"	19:00:00"	7.9759	227.69	87.2	6.0878	284.29	26.415	0
"2011-03-17"	20:00:00"	10.056	219.6	84.429	6.6231	74.477	26.42	0
"2011-03-17"	21:00:00"	7.8529	218.4	78.936	8.4603	0.61432	26.432	0
"2011-03-17"	22:00:00"	1.4024	223.16	70.101	11.035	0.0973	26.45	0
"2011-03-17"	23:00:00"	1.6224	289.15	66.4	13.218	0.1151	26.459	0
"2011-03-18"	00:00:00"	3.6207	267.64	66.746	13.723	0.10896	26.48	0
"2011-03-18"	01:00:00"	6.4896	183.82	66.012	33.757	0.11753	26.485	0
"2011-03-18"	02:00:00"	4.4161	177.35	61.694	51.074	0.09942	26.48	0
"2011-03-18"	03:00:00"	4.9952	179.2	59.928	62.941	0.13185	26.48	0
"2011-03-18"	04:00:00"	5.8514	184.46	61.044	65.554	0.09687	26.474	0
"2011-03-18"	05:00:00"	5.3432	190.06	60.334	67.768	0.12486	26.471	0
"2011-03-18"	06:00:00"	6.0093	209.5	59.988	68.259	0.12337	26.477	0
"2011-03-18"	07:00:00"	3.5822	259.84	57.141	73.489	0.10429	26.5	0
"2011-03-18"	08:00:00"	3.1373	248.15	55.673	76.414	0.85767	26.506	0
"2011-03-18"	09:00:00"	3.5375	243.99	56.791	74.38	79.578	26.524	0
"2011-03-18"	10:00:00"	5.6893	228.33	62.613	60.474	281.3	26.55	0
"2011-03-18"	11:00:00"	6.018	227.29	67.442	49.52	504.76	26.556	0
"2011-03-18"	12:00:00"	6.4753	326.61	74.304	32.909	697.03	26.562	0
"2011-03-18"	13:00:00"	12.548	13.641	76.625	21.823	835.19	26.565	0
"2011-03-18"	14:00:00"	10.207	33.923	76.657	16.795	910.34	26.553	0
"2011-03-18"	15:00:00"	10.251	41.923	79.199	14.429	906.13	26.527	0
"2011-03-18"	16:00:00"	11.475	47.693	81.326	13.209	820.71	26.5	0
"2011-03-18"	17:00:00"	12.412	69.42	81.532	13.648	668.4	26.485	0
"2011-03-18"	18:00:00"	12.155	72.602	81.4	14.968	481.87	26.474	0
"2011-03-18"	19:00:00"	11.115	78.201	80.729	17.151	260.02	26.459	0
"2011-03-18"	20:00:00"	11.014	76.414	78.681	22.33	65.432	26.462	0
"2011-03-18"	21:00:00"	15.252	86.474	73.562	27.282	0.70907	26.488	0
"2011-03-18"	22:00:00"	12.831	73.187	69.223	33.215	0.12528	26.494	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-18	23:00:00"	11.711	65.898	65.723	37.93	0.09687	26.5	0
"2011-03-19	00:00:00"	11.804	68.417	62.265	42.591	0.10048	26.512	0
"2011-03-19	01:00:00"	12.053	78.233	60.833	47.32	0.12134	26.515	0
"2011-03-19	02:00:00"	10.008	72.825	58.854	53.065	0.12931	26.509	0
"2011-03-19	03:00:00"	11.178	72.608	57.373	57.809	0.11765	26.497	0
"2011-03-19	04:00:00"	10.001	65.075	54.689	65.371	0.13079	26.474	0
"2011-03-19	05:00:00"	10.331	66.911	52.961	72.95	0.13291	26.456	0
"2011-03-19	06:00:00"	10.35	66.66	51.992	76.676	0.13185	26.444	0
"2011-03-19	07:00:00"	9.5368	57.544	51.332	79.457	0.10239	26.456	0
"2011-03-19	08:00:00"	8.1629	53.969	51.485	80.192	0.53122	26.45	0
"2011-03-19	09:00:00"	7.3222	62.686	53.393	78.587	23.404	26.465	0
"2011-03-19	10:00:00"	6.5673	65.812	57.132	75.029	91.802	26.474	0
"2011-03-19	11:00:00"	9.9575	151.14	63.083	75.139	174.76	26.474	0
"2011-03-19	12:00:00"	10.144	185.84	67.55	65.908	380.85	26.474	0
"2011-03-19	13:00:00"	10.346	197.88	70.118	58.708	456.96	26.462	0
"2011-03-19	14:00:00"	11.681	181.23	72.95	51.28	776.18	26.429	0
"2011-03-19	15:00:00"	13.706	170.81	75.56	44.394	747.09	26.391	0
"2011-03-19	16:00:00"	13.985	179.19	78.104	36.898	822.47	26.367	0
"2011-03-19	17:00:00"	13.438	182.26	80.142	30.964	670.17	26.35	0
"2011-03-19	18:00:00"	13.563	186.13	81.446	25.198	504.66	26.338	0
"2011-03-19	19:00:00"	14.142	180.43	80.835	28.136	270.25	26.332	0
"2011-03-19	20:00:00"	17.092	158.87	76.771	39.683	63.376	26.35	0
"2011-03-19	21:00:00"	13.13	152.85	72.662	47.974	0.59927	26.364	0
"2011-03-19	22:00:00"	13.436	160.83	70.045	52.888	0.09751	26.397	0
"2011-03-19	23:00:00"	8.7545	172.15	67.305	59.995	0.1151	26.423	0
"2011-03-20	00:00:00"	8.1977	175.29	65.166	62.891	0.1026	26.423	0
"2011-03-20	01:00:00"	4.0011	172.29	62.699	66.959	0.11035	26.418	0
"2011-03-20	02:00:00"	0.82518	140.11	59.989	72.771	0.13355	26.418	0
"2011-03-20	03:00:00"	1.9691	168.13	59.59	74.658	0.10302	26.42	0
"2011-03-20	04:00:00"	1.3757	173.03	58.976	75.77	0.10196	26.415	0
"2011-03-20	05:00:00"	2.0101	166.11	57.217	79.924	0.09539	26.406	0
"2011-03-20	06:00:00"	3.1249	169.55	57.259	81.241	0.08903	26.42	0
"2011-03-20	07:00:00"	2.9751	173.51	56.257	84.567	0.08055	26.432	0
"2011-03-20	08:00:00"	3.3094	177.66	55.518	87.777	1.1377	26.441	0
"2011-03-20	09:00:00"	6.1137	189.46	56.317	89.486	89.319	26.468	0
"2011-03-20	10:00:00"	7.4714	202.92	59.367	82.797	296.41	26.48	0
"2011-03-20	11:00:00"	7.6068	218.93	64.49	67.326	528.23	26.488	0
"2011-03-20	12:00:00"	6.4237	236.84	72.074	42.304	719.99	26.491	0
"2011-03-20	13:00:00"	6.6934	269.25	79.744	16.438	859.53	26.483	0
"2011-03-20	14:00:00"	7.9902	214.36	81.34	10.523	935.47	26.459	0
"2011-03-20	15:00:00"	7.4446	243.9	83.31	7.6819	933.9	26.435	0
"2011-03-20	16:00:00"	9.3926	206.93	84.124	6.3297	852.14	26.412	0
"2011-03-20	17:00:00"	10.823	220.49	84.744	6.105	692.28	26.397	0
"2011-03-20	18:00:00"	11.804	207.88	84.136	5.3708	476.46	26.385	0
"2011-03-20	19:00:00"	8.8241	215.3	82.009	5.143	182.58	26.379	0
"2011-03-20	20:00:00"	6.4312	182.99	79.23	5.6608	67.785	26.385	0
"2011-03-20	21:00:00"	2.4165	178.45	72.001	7.455	0.98274	26.397	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-20	22:00:00"	8.7309	159.91	69.006	18.321	0.10472	26.412	0
"2011-03-20	23:00:00"	14.996	157.95	68.361	48.095	0.08437	26.426	0
"2011-03-21	00:00:00"	15.57	164.18	65.336	62.089	0.11193	26.435	0
"2011-03-21	01:00:00"	13.932	171.83	63.423	70	0.10578	26.429	0
"2011-03-21	02:00:00"	13.172	172.23	62.682	76.831	0.08691	26.429	0
"2011-03-21	03:00:00"	9.8201	169.94	62.252	78.183	0.10875	26.412	0
"2011-03-21	04:00:00"	9.6822	172.89	61.337	79.951	0.08479	26.4	0
"2011-03-21	05:00:00"	10.798	172.5	60.845	81.081	0.07652	26.391	0
"2011-03-21	06:00:00"	11.904	174.98	60.754	82.063	0.07907	26.391	0
"2011-03-21	07:00:00"	12.416	177.04	60.101	85.253	0.0867	26.394	0
"2011-03-21	08:00:00"	12.696	182.21	59.503	88.962	0.72073	26.409	0
"2011-03-21	09:00:00"	13.144	181.9	59.699	90.19	76.972	26.418	0
"2011-03-21	10:00:00"	15.614	178.74	62.149	85.24	248.61	26.426	0
"2011-03-21	11:00:00"	16.44	182.48	65.273	75.603	301.36	26.441	0
"2011-03-21	12:00:00"	15.37	185.37	68.604	64.474	462.78	26.447	0
"2011-03-21	13:00:00"	14.695	186.95	72.622	52.109	595.61	26.432	0
"2011-03-21	14:00:00"	13.722	189.1	77.943	35.368	733.94	26.394	0
"2011-03-21	15:00:00"	15.534	190.56	80.311	27.881	814.02	26.364	0
"2011-03-21	16:00:00"	15.899	191.97	82.259	25.454	784.38	26.332	0
"2011-03-21	17:00:00"	19.374	179.47	83.741	23.637	678.8	26.288	0
"2011-03-21	18:00:00"	20.018	165.62	83.065	26.122	388.56	26.267	0
"2011-03-21	19:00:00"	18.803	165.39	79.496	34.593	123.5	26.273	0
"2011-03-21	20:00:00"	18.403	162.72	73.142	49.463	35.925	26.291	0
"2011-03-21	21:00:00"	13.568	175.25	67.66	61.968	1.2865	26.314	0
"2011-03-21	22:00:00"	13.049	167.36	65.229	69.398	0.09921	26.311	0
"2011-03-21	23:00:00"	15.607	167.09	64.18	75.364	0.08734	26.317	0
"2011-03-22	00:00:00"	14.623	170.29	63.67	75.985	0.11108	26.308	0
"2011-03-22	01:00:00"	13.807	178.37	63.795	75.143	0.10769	26.273	0
"2011-03-22	02:00:00"	16.069	177.4	64.655	71.163	0.10302	26.261	0
"2011-03-22	03:00:00"	16.852	188.62	65.7	66.25	0.09221	26.27	0
"2011-03-22	04:00:00"	12.279	196.45	65.153	67.013	0.07398	26.252	0
"2011-03-22	05:00:00"	13.591	191.83	63.615	71.555	0.09709	26.24	0
"2011-03-22	06:00:00"	12.367	187.33	61.864	74.685	0.08903	26.24	0
"2011-03-22	07:00:00"	9.2031	194.33	59.763	78.63	0.09581	26.24	0
"2011-03-22	08:00:00"	4.828	224.47	56.89	83.03	1.4851	26.267	0
"2011-03-22	09:00:00"	5.1102	235.85	55.854	85.033	94.437	26.305	0
"2011-03-22	10:00:00"	7.7261	238.28	61.334	62.45	308.13	26.317	0
"2011-03-22	11:00:00"	16.462	282.15	68.133	22.568	533.78	26.329	0
"2011-03-22	12:00:00"	15.903	267.25	71.166	18.468	730.02	26.314	0
"2011-03-22	13:00:00"	16.323	266.8	73.559	15.669	864.66	26.305	0
"2011-03-22	14:00:00"	17.669	273.42	75.157	13.675	935.82	26.291	0
"2011-03-22	15:00:00"	14.517	272.45	76.167	12.897	926.26	26.273	0
"2011-03-22	16:00:00"	12.913	268.3	77.493	11.781	844.32	26.255	0
"2011-03-22	17:00:00"	13.821	273.67	77.545	11.77	701.97	26.258	0
"2011-03-22	18:00:00"	13.051	267.89	77.008	11.422	513.17	26.258	0
"2011-03-22	19:00:00"	13.073	274.25	75.548	11.869	289.19	26.264	0
"2011-03-22	20:00:00"	10.107	271.03	72.583	14.245	80.024	26.273	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-22	21:00:00"	5.3506	266.31	67.991	16.958	0.93822	26.285	0
"2011-03-22	22:00:00"	4.0234	272.39	62.85	19.629	0.10981	26.296	0
"2011-03-22	23:00:00"	4.3838	263.93	60.321	17.964	0.10027	26.314	0
"2011-03-23	00:00:00"	2.68	266.98	54.433	21.818	0.12782	26.317	0
"2011-03-23	01:00:00"	5.9821	218.75	57.408	19.586	0.12578	26.32	0
"2011-03-23	02:00:00"	8.7191	278.5	57.853	18.212	0.14351	26.314	0
"2011-03-23	03:00:00"	18.44	319.33	58.346	17.549	0.1221	26.329	0
"2011-03-23	04:00:00"	20.526	338.18	54.086	18.035	0.1185	26.335	0
"2011-03-23	05:00:00"	22.531	335.84	52.198	19.077	0.11913	26.329	0
"2011-03-23	06:00:00"	20.667	343.19	52.177	18.779	0.15941	26.379	0
"2011-03-23	07:00:00"	5.3233	22.394	50.72	19.501	0.12486	26.415	0
"2011-03-23	08:00:00"	8.4115	341.71	49.464	19.977	2.4833	26.423	0
"2011-03-23	09:00:00"	4.0619	332.83	47.775	21.461	107.36	26.444	0
"2011-03-23	10:00:00"	8.0523	341.39	54.549	17.395	332.85	26.462	0
"2011-03-23	11:00:00"	13.079	351.97	58.985	15.718	570.03	26.474	0
"2011-03-23	12:00:00"	9.6437	343.29	62.323	14.342	769.74	26.468	0
"2011-03-23	13:00:00"	7.6385	315.48	65.364	12.989	913.02	26.468	0
"2011-03-23	14:00:00"	7.5708	295.75	68.458	11.864	985.61	26.45	0
"2011-03-23	15:00:00"	7.014	278.45	70.885	10.709	978.77	26.418	0
"2011-03-23	16:00:00"	8.0977	288.79	73.6	9.2322	895.43	26.385	0
"2011-03-23	17:00:00"	6.9277	293.77	74.955	8.3397	746.36	26.37	0
"2011-03-23	18:00:00"	5.7756	247.07	75.874	7.2106	546.97	26.361	0
"2011-03-23	19:00:00"	5.2904	247.52	75.888	6.5895	315.28	26.361	0
"2011-03-23	20:00:00"	3.3958	251.3	74.088	7.3261	93.287	26.364	0
"2011-03-23	21:00:00"	3.0888	188.75	68.171	9.6956	1.1065	26.376	0
"2011-03-23	22:00:00"	3.7984	168.43	62.031	12.544	0.11532	26.388	0
"2011-03-23	23:00:00"	4.3844	159.02	61.279	12.593	0.08797	26.385	0
"2011-03-24	00:00:00"	4.7684	98.141	55.573	14.864	0.11998	26.394	0
"2011-03-24	01:00:00"	7.6768	120.67	56.931	15.24	0.12536	26.394	0
"2011-03-24	02:00:00"	7.1688	112.24	55.393	16.802	0.10472	26.388	0
"2011-03-24	03:00:00"	7.152	95.286	51.479	20.096	0.14372	26.385	0
"2011-03-24	04:00:00"	10.089	110.44	50.947	21.829	0.13673	26.379	0
"2011-03-24	05:00:00"	11.092	113.07	51.403	22.687	0.15686	26.364	0
"2011-03-24	06:00:00"	12.554	110.67	50.673	24.732	0.11383	26.356	0
"2011-03-24	07:00:00"	13.203	110.03	50.017	26.534	0.13143	26.361	0
"2011-03-24	08:00:00"	11.707	102.73	50.318	28.175	1.9922	26.364	0
"2011-03-24	09:00:00"	12.788	107.21	51.464	28.42	84.154	26.367	0
"2011-03-24	10:00:00"	15.951	123.73	57.374	31.907	280.58	26.376	0
"2011-03-24	11:00:00"	17.494	143.2	63.305	47.025	353.19	26.364	0
"2011-03-24	12:00:00"	22.57	157.22	68.588	51.323	693.27	26.358	0
"2011-03-24	13:00:00"	22.704	170.68	72.44	46.495	863.54	26.317	0
"2011-03-24	14:00:00"	20.837	182.1	75.339	39.198	931.46	26.305	0
"2011-03-24	15:00:00"	15.032	209.19	79.233	23.634	933.82	26.27	0
"2011-03-24	16:00:00"	13.304	229.3	82.534	12.034	868.88	26.246	0
"2011-03-24	17:00:00"	14.247	230.33	83.387	9.175	732.75	26.223	0
"2011-03-24	18:00:00"	14.956	230.64	83.816	7.4403	537.26	26.211	0
"2011-03-24	19:00:00"	14.024	236.87	82.971	5.8403	292.86	26.214	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-24	20:00:00"	9.0577	242.87	78.907	5.7878	59.918	26.24	0
"2011-03-24	21:00:00"	6.6443	275.28	72.851	6.7178	1.2753	26.261	0
"2011-03-24	22:00:00"	5.2326	301.31	66.635	8.1758	0.10027	26.264	0
"2011-03-24	23:00:00"	4.8641	318.61	59.885	10.551	0.11447	26.273	0
"2011-03-25	00:00:00"	4.5689	293.7	61.851	10.936	0.10472	26.273	0
"2011-03-25	01:00:00"	8.2011	287.45	61.17	11.573	0.11732	26.276	0
"2011-03-25	02:00:00"	7.088	196.35	59.828	12.108	0.1327	26.296	0
"2011-03-25	03:00:00"	5.1064	181.33	57.256	50.63	0.13143	26.299	0
"2011-03-25	04:00:00"	3.3026	180.53	54.714	78.387	0.13355	26.294	0
"2011-03-25	05:00:00"	2.3022	280.45	50.627	85.02	0.07801	26.27	0
"2011-03-25	06:00:00"	3.2759	324.61	47.253	85.285	0.08988	26.27	0
"2011-03-25	07:00:00"	5.1033	308.26	48.078	55.375	0.12613	26.273	0
"2011-03-25	08:00:00"	6.502	4.5131	49.534	29.079	2.0679	26.285	0
"2011-03-25	09:00:00"	4.1122	327.12	50.733	23.296	105.62	26.305	0
"2011-03-25	10:00:00"	2.1698	199.54	57.008	21.264	327.18	26.311	0
"2011-03-25	11:00:00"	2.8533	151.18	67.159	13.809	553.28	26.308	0
"2011-03-25	12:00:00"	7.3353	244.51	73.275	9.4811	747.21	26.305	0
"2011-03-25	13:00:00"	13.143	273.7	76.596	8.1308	878.29	26.279	0
"2011-03-25	14:00:00"	12.13	264.74	79.001	7.4214	964.92	26.258	0
"2011-03-25	15:00:00"	11.36	239.87	80.362	6.65	958.14	26.229	0
"2011-03-25	16:00:00"	10.569	238.21	81.366	5.9945	877.18	26.196	0
"2011-03-25	17:00:00"	11.693	233.45	81.947	5.7528	730.86	26.164	0
"2011-03-25	18:00:00"	13.592	223.46	81.688	6.0653	532.43	26.152	0
"2011-03-25	19:00:00"	14.754	223.24	80.163	6.3967	301.84	26.158	0
"2011-03-25	20:00:00"	13.247	227.45	77.329	6.9958	85.565	26.167	0
"2011-03-25	21:00:00"	12.53	221.77	73.344	8.0725	1.3694	26.178	0
"2011-03-25	22:00:00"	5.0138	227.41	67.531	9.8172	0.0956	26.187	0
"2011-03-25	23:00:00"	7.6814	242.7	63.124	11.923	0.09581	26.175	0
"2011-03-26	00:00:00"	3.3952	346.56	60.017	13.047	0.10684	26.181	0
"2011-03-26	01:00:00"	4.7948	311.24	56.118	14.832	0.10718	26.19	0
"2011-03-26	02:00:00"	6.392	310.39	57.742	14.052	0.09179	26.193	0
"2011-03-26	03:00:00"	6.6101	306.77	57.552	14.579	0.14796	26.193	0
"2011-03-26	04:00:00"	9.3349	302.03	59.517	14.675	0.13779	26.193	0
"2011-03-26	05:00:00"	7.9169	304.25	59.871	15.397	0.0831	26.187	0
"2011-03-26	06:00:00"	6.4902	299.98	58.18	17.261	0.12698	26.205	0
"2011-03-26	07:00:00"	10.502	308.48	59.061	17.759	0.09942	26.22	0
"2011-03-26	08:00:00"	14.947	323.57	58.223	18.856	3.8218	26.237	0
"2011-03-26	09:00:00"	13.746	331.89	58.087	20.734	116.91	26.267	0
"2011-03-26	10:00:00"	17.284	341.08	61.366	20.287	341.8	26.27	0
"2011-03-26	11:00:00"	18.542	338.96	64.833	18.545	576.6	26.285	0
"2011-03-26	12:00:00"	14.309	329.84	67.564	16.94	770.7	26.285	0
"2011-03-26	13:00:00"	11.236	311.09	70.448	14.817	909.9	26.27	0
"2011-03-26	14:00:00"	9.6903	295.33	73.806	12.286	979.85	26.252	0
"2011-03-26	15:00:00"	9.1105	269.57	76.836	10.256	971.49	26.223	0
"2011-03-26	16:00:00"	8.7004	245.74	78.445	9.7478	887.77	26.196	0
"2011-03-26	17:00:00"	7.9834	209.4	78.941	9.8089	736.87	26.172	0
"2011-03-26	18:00:00"	11.244	183.64	78.716	9.7133	537.11	26.164	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-26	19:00:00"	9.3752	188.09	78.547	9.6117	307.03	26.152	0
"2011-03-26	20:00:00"	11.15	208.69	77.728	10.204	92.072	26.164	0
"2011-03-26	21:00:00"	10.952	218.31	73.754	11.87	1.5002	26.181	0
"2011-03-26	22:00:00"	6.1969	217.64	69.043	13.928	0.10663	26.19	0
"2011-03-26	23:00:00"	3.8687	218.93	65.758	16.119	0.10641	26.202	0
"2011-03-27	00:00:00"	4.4111	50.466	62.259	20.732	0.11023	26.223	0
"2011-03-27	01:00:00"	11.877	101.69	56.153	43.073	0.11553	26.229	0
"2011-03-27	02:00:00"	10.003	91.181	51.949	50.678	0.11426	26.234	0
"2011-03-27	03:00:00"	10.136	88.901	48.747	56.714	0.12698	26.232	0
"2011-03-27	04:00:00"	7.5907	78.626	46.082	62.112	0.15453	26.229	0
"2011-03-27	05:00:00"	4.9977	51.613	43.488	67.933	0.14203	26.226	0
"2011-03-27	06:00:00"	5.0567	97.86	41.35	73.646	0.13885	26.226	0
"2011-03-27	07:00:00"	4.1787	21.201	39.726	79.228	0.17594	26.246	0
"2011-03-27	08:00:00"	3.9724	340.34	37.272	83.079	3.9759	26.264	0
"2011-03-27	09:00:00"	6.7748	35.618	37.528	84.004	112.3	26.285	0
"2011-03-27	10:00:00"	10.304	76.579	40.767	79.322	337.77	26.308	0
"2011-03-27	11:00:00"	9.4088	71.919	43.473	73.302	566.89	26.311	0
"2011-03-27	12:00:00"	5.8738	96.329	49.693	57.705	766.17	26.308	0
"2011-03-27	13:00:00"	3.6269	127.08	55.47	43.686	903.86	26.302	0
"2011-03-27	14:00:00"	4.0116	101.1	60.355	34.883	971.55	26.294	0
"2011-03-27	15:00:00"	3.6071	196.79	66.23	26.936	964.54	26.27	0
"2011-03-27	16:00:00"	4.0992	232.27	71.179	20.662	885.82	26.243	0
"2011-03-27	17:00:00"	4.459	170.63	74.398	17.585	735.18	26.229	0
"2011-03-27	18:00:00"	6.5424	187.8	75.982	15.531	535.09	26.217	0
"2011-03-27	19:00:00"	10.001	168.6	76.351	15.766	308.11	26.223	0
"2011-03-27	20:00:00"	12.353	122.94	70.064	24.814	90.715	26.24	0
"2011-03-27	21:00:00"	7.6982	112.25	65.137	30.094	1.4544	26.255	0
"2011-03-27	22:00:00"	8.4842	109.62	60.135	37.296	0.12104	26.273	0
"2011-03-27	23:00:00"	9.2274	115.16	57.295	41.756	0.13991	26.282	0
"2011-03-28	00:00:00"	10.02	124.92	56.325	43.491	0.13715	26.291	0
"2011-03-28	01:00:00"	7.1241	128.73	54.6	47.607	0.11035	26.291	0
"2011-03-28	02:00:00"	6.2504	123.13	52.449	52.839	0.1221	26.294	0
"2011-03-28	03:00:00"	8.2655	120.71	50.005	58.26	0.13757	26.288	0
"2011-03-28	04:00:00"	7.7504	120.35	47.711	66.282	0.12994	26.276	0
"2011-03-28	05:00:00"	9.003	123.32	46.193	72.773	0.11193	26.273	0
"2011-03-28	06:00:00"	7.5099	124.04	44.048	77.398	0.14521	26.276	0
"2011-03-28	07:00:00"	5.2152	107.3	41.054	81.686	0.13673	26.291	0
"2011-03-28	08:00:00"	3.6704	271.78	37.672	86.217	3.7177	26.308	0
"2011-03-28	09:00:00"	6.095	41.492	37.585	88.508	112.61	26.314	0
"2011-03-28	10:00:00"	8.7769	92.622	43.846	80.086	340.76	26.317	0
"2011-03-28	11:00:00"	7.71	143.3	53.129	66.068	566.51	26.317	0
"2011-03-28	12:00:00"	11.287	191.88	65.015	41.607	770.43	26.308	0
"2011-03-28	13:00:00"	11.037	224.53	71.643	25.117	908.32	26.291	0
"2011-03-28	14:00:00"	10.376	207.04	75.661	19.396	974.61	26.264	0
"2011-03-28	15:00:00"	8.8235	213.78	80.828	12.222	965.14	26.232	0
"2011-03-28	16:00:00"	10.599	244.9	84.75	7.9922	887.69	26.202	0
"2011-03-28	17:00:00"	11.991	234.46	85.99	7.3867	738.97	26.181	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-28	18:00:00"	12.998	234.44	85.153	7.2608	542.39	26.178	0
"2011-03-28	19:00:00"	13.775	225.94	83.971	7.55	314.07	26.175	0
"2011-03-28	20:00:00"	13.195	222	81.223	8.1317	97.265	26.19	0
"2011-03-28	21:00:00"	11.7	218.18	77.227	9.4472	1.5432	26.205	0
"2011-03-28	22:00:00"	8.4022	211.01	72.878	10.691	0.09942	26.226	0
"2011-03-28	23:00:00"	7.2595	218.47	68.681	12.242	0.08182	26.234	0
"2011-03-29	00:00:00"	1.2334	259.74	62.448	15.583	0.10726	26.234	0
"2011-03-29	01:00:00"	2.6887	231.82	61.312	16.271	0.12282	26.24	0
"2011-03-29	02:00:00"	1.3981	322.62	57.33	19.01	0.11087	26.237	0
"2011-03-29	03:00:00"	1.8809	317.73	58.949	18.118	0.11934	26.234	0
"2011-03-29	04:00:00"	4.1433	273.41	57.319	19.291	0.10832	26.232	0
"2011-03-29	05:00:00"	5.5706	162.23	56.637	22.93	0.14266	26.258	0
"2011-03-29	06:00:00"	13.328	21.235	43.711	79.421	0.10345	26.285	0
"2011-03-29	07:00:00"	14.388	25.974	42.029	90.651	0.08098	26.329	0
"2011-03-29	08:00:00"	13.926	29.511	42.813	92.224	1.0521	26.364	0
"2011-03-29	09:00:00"	14.275	32.181	42.298	91.996	21.521	26.388	0
"2011-03-29	10:00:00"	13.409	31.323	42.374	90.362	92.71	26.429	0
"2011-03-29	11:00:00"	12.665	29.735	43.497	85.689	202.94	26.459	0
"2011-03-29	12:00:00"	11.441	38.773	45.984	76.941	415.7	26.468	0
"2011-03-29	13:00:00"	10.952	24.134	49.471	66.717	619.31	26.474	0
"2011-03-29	14:00:00"	11.008	32.542	52.252	57.738	844.67	26.465	0
"2011-03-29	15:00:00"	12.986	29.663	54.697	51.089	875.88	26.45	0
"2011-03-29	16:00:00"	13.776	33.764	57.289	45.113	807.16	26.435	0
"2011-03-29	17:00:00"	14.818	41.674	59.509	41.598	678.43	26.429	0
"2011-03-29	18:00:00"	14.676	51.758	59.737	40.401	515.82	26.438	0
"2011-03-29	19:00:00"	14.468	65.272	58.479	43.494	300.46	26.447	0
"2011-03-29	20:00:00"	15.402	74.201	54.05	54.25	91.063	26.453	0
"2011-03-29	21:00:00"	12.793	67.425	49.398	62.175	1.5807	26.485	0
"2011-03-29	22:00:00"	8.4022	41.034	45.823	67.109	0.15517	26.527	0
"2011-03-29	23:00:00"	4.5708	13.882	42.789	73.069	0.12698	26.533	0
"2011-03-30	00:00:00"	4.4639	355.2	40.29	77.737	0.12401	26.539	0
"2011-03-30	01:00:00"	4.433	45.217	38.794	79.538	0.16954	26.539	0
"2011-03-30	02:00:00"	3.4107	303.45	34.417	83.563	0.13418	26.539	0
"2011-03-30	03:00:00"	3.6095	299.95	33.086	87.875	0.10302	26.536	0
"2011-03-30	04:00:00"	4.5963	315.15	32.449	90.15	0.09285	26.509	0
"2011-03-30	05:00:00"	5.1698	314.59	31.535	91.265	0.09391	26.497	0
"2011-03-30	06:00:00"	3.9488	297.22	31.426	91.557	0.10514	26.5	0
"2011-03-30	07:00:00"	3.4573	301.52	32.084	91.165	0.09115	26.494	0
"2011-03-30	08:00:00"	3.2672	299.89	31.633	90.325	4.8317	26.497	0
"2011-03-30	09:00:00"	2.437	314.01	34.036	89.938	101.75	26.494	0
"2011-03-30	10:00:00"	2.1294	225.81	42.446	72.37	327.94	26.494	0
"2011-03-30	11:00:00"	6.4088	174.82	46.365	55.016	545.06	26.483	0
"2011-03-30	12:00:00"	9.7176	184.84	50.283	43.317	726.13	26.459	0
"2011-03-30	13:00:00"	9.0006	199.47	53.075	39.058	697.65	26.438	0
"2011-03-30	14:00:00"	8.5563	199.09	55.863	36.004	898.93	26.394	0
"2011-03-30	15:00:00"	8.2692	215.59	59.568	32.494	923.13	26.356	0
"2011-03-30	16:00:00"	8.3133	210.52	63.221	28.951	848.03	26.314	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-03-30"	17:00:00"	8.007	218.2	67.091	25.41	672.41	26.294	0
"2011-03-30"	18:00:00"	6.2118	247.35	69.862	21.411	500.55	26.276	0
"2011-03-30"	19:00:00"	5.3457	249.17	70.796	19.765	273.69	26.273	0
"2011-03-30"	20:00:00"	4.454	214.39	69.417	20.525	94.92	26.273	0
"2011-03-30"	21:00:00"	5.176	182.63	64.023	25.158	1.7681	26.279	0
"2011-03-30"	22:00:00"	7.526	191.8	62.129	27.219	0.10048	26.296	0
"2011-03-30"	23:00:00"	8.0138	201.73	59.888	29.166	0.13906	26.294	0
"2011-03-31"	00:00:00"	7.9349	193.87	57.685	32.353	0.1185	26.299	0
"2011-03-31"	01:00:00"	4.7821	224.5	54.789	35.461	0.13334	26.288	0
"2011-03-31"	02:00:00"	4.7833	229.46	53.736	37.653	0.12401	26.294	0
"2011-03-31"	03:00:00"	2.9403	266.78	51.541	41.484	0.14584	26.294	0
"2011-03-31"	04:00:00"	3.1516	289.8	48.751	46.473	0.11277	26.276	0
"2011-03-31"	05:00:00"	4.0489	304.32	46.839	48.946	0.1433	26.267	0
"2011-03-31"	06:00:00"	7.2756	309.41	50.435	41.593	0.12761	26.264	0
"2011-03-31"	07:00:00"	16.076	323.2	58.548	26.369	0.1168	26.279	0
"2011-03-31"	08:00:00"	10.65	315.17	56.459	27.748	6.1461	26.296	0
"2011-03-31"	09:00:00"	11.244	318.94	55.713	28.598	93.528	26.326	0
"2011-03-31"	10:00:00"	13.56	325.8	61.49	23.921	339.49	26.35	0
"2011-03-31"	11:00:00"	14.3	331.15	67.135	19.427	547	26.361	0
"2011-03-31"	12:00:00"	10.33	343.95	71.304	15.904	770.58	26.361	0
"2011-03-31"	13:00:00"	8.775	18.326	73.946	13.767	855.23	26.356	0
"2011-03-31"	14:00:00"	8.611	11.698	75.449	13.205	814.93	26.344	0
"2011-03-31"	15:00:00"	8.3413	25.818	77.192	11.865	961.66	26.32	0
"2011-03-31"	16:00:00"	5.3997	343.6	78.577	11.237	839.3	26.291	0
"2011-03-31"	17:00:00"	4.38	271.26	79.749	10.54	684.06	26.273	0
"2011-03-31"	18:00:00"	3.8189	201.29	81.057	9.5172	536.14	26.255	0
"2011-03-31"	19:00:00"	6.0484	246.88	81.658	9.2808	321.88	26.252	0
"2011-03-31"	20:00:00"	5.1779	222.17	79.898	9.7544	108.93	26.243	0
"2011-03-31"	21:00:00"	4.1526	179.02	73.097	12.4	1.8773	26.255	0
"2011-03-31"	22:00:00"	2.6613	177.51	67.809	14.506	0.11129	26.261	0
"2011-03-31"	23:00:00"	4.5752	183.08	65.673	15.526	0.11235	26.267	0
"2011-04-01"	00:00:00"	5.6452	192.11	64.592	16.285	0.12592	26.267	0
"2011-04-01"	01:00:00"	3.7923	203	63.134	17.356	0.09682	26.258	0
"2011-04-01"	02:00:00"	3.5884	207.73	61.717	18.848	0.13609	26.243	0
"2011-04-01"	03:00:00"	3.7338	231.78	59.685	20.394	0.14181	26.237	0
"2011-04-01"	04:00:00"	2.232	267.99	56.821	23.002	0.11532	26.223	0
"2011-04-01"	05:00:00"	1.4167	303.69	52.448	26.63	0.1079	26.217	0
"2011-04-01"	06:00:00"	4.047	309.87	52.078	26.997	0.10853	26.214	0
"2011-04-01"	07:00:00"	9.2994	311.7	55.53	24.706	0.12125	26.243	0
"2011-04-01"	08:00:00"	11.011	323.98	57.332	24.414	9.7044	26.264	0
"2011-04-01"	09:00:00"	12.705	336.49	63.132	20.993	144.02	26.288	0
"2011-04-01"	10:00:00"	13.615	356.09	70.593	17.334	375.65	26.299	0
"2011-04-01"	11:00:00"	16.312	11.357	75.898	14.581	605.27	26.326	0
"2011-04-01"	12:00:00"	14.244	27.527	79.023	12.79	795.92	26.353	0
"2011-04-01"	13:00:00"	12.085	27.852	80.986	11.516	928.9	26.353	0
"2011-04-01"	14:00:00"	9.5393	33.229	81.734	10.989	993.43	26.341	0
"2011-04-01"	15:00:00"	8.4363	14.609	82.884	10.473	981.1	26.326	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-01	16:00:00"	7.2408	17.089	83.935	9.8978	902.2	26.32	0
"2011-04-01	17:00:00"	6.5834	359.68	84.988	9.3322	751.65	26.323	0
"2011-04-01	18:00:00"	7.2421	49.981	84.82	10.011	545.68	26.323	0
"2011-04-01	19:00:00"	10.67	78.702	83.493	11.623	316.45	26.332	0
"2011-04-01	20:00:00"	9.6511	78.111	81.268	12.38	104.58	26.344	0
"2011-04-01	21:00:00"	6.9656	98.743	74.276	15.237	2.2531	26.35	0
"2011-04-01	22:00:00"	7.4689	101.17	69.851	18.118	0.08352	26.37	0
"2011-04-01	23:00:00"	10.161	110.3	68.311	19.69	0.11447	26.382	0
"2011-04-02	00:00:00"	10.721	111.45	66.332	22.14	0.11065	26.388	0
"2011-04-02	01:00:00"	11.586	109.7	64.097	24.548	0.11574	26.388	0
"2011-04-02	02:00:00"	11.792	118.33	63.512	25.674	0.12655	26.391	0
"2011-04-02	03:00:00"	6.6748	130.51	60.681	28.535	0.0973	26.406	0
"2011-04-02	04:00:00"	1.0868	105.16	55.805	32.854	0.11002	26.4	0
"2011-04-02	05:00:00"	0.9507	163.41	53.205	36.259	0.12168	26.4	0
"2011-04-02	06:00:00"	1.5889	165.38	53.701	36.668	0.11468	26.397	0
"2011-04-02	07:00:00"	1.0657	30.925	51.353	40.549	0.12825	26.412	0
"2011-04-02	08:00:00"	1.5391	54.81	48.659	44.155	9.5412	26.423	0
"2011-04-02	09:00:00"	1.9132	117.99	52.75	39.797	143.59	26.438	0
"2011-04-02	10:00:00"	7.4428	148.78	64.612	28.749	376.57	26.441	0
"2011-04-02	11:00:00"	15.325	168.17	70.945	24.178	605.88	26.444	0
"2011-04-02	12:00:00"	15.834	170.9	75.48	21.15	795.09	26.435	0
"2011-04-02	13:00:00"	13.378	185.36	79.931	17.275	934.21	26.415	0
"2011-04-02	14:00:00"	12.073	204.62	84.432	12.566	1001.4	26.385	0
"2011-04-02	15:00:00"	10.972	212.27	87.929	9.5819	995.98	26.356	0
"2011-04-02	16:00:00"	13.288	199.22	89.257	7.1331	914.24	26.323	0
"2011-04-02	17:00:00"	14.127	189.32	89.804	5.9336	763.1	26.296	0
"2011-04-02	18:00:00"	13.647	197.95	90.038	5.5153	564.8	26.279	0
"2011-04-02	19:00:00"	11.387	201.41	89.353	5.337	332.28	26.27	0
"2011-04-02	20:00:00"	10.461	192.61	87.782	5.8995	112.1	26.258	0
"2011-04-02	21:00:00"	3.8121	179.79	80.692	8.2817	2.6828	26.258	0
"2011-04-02	22:00:00"	2.3544	169.38	75.04	10.452	0.11468	26.267	0
"2011-04-02	23:00:00"	6.8458	166.29	72.964	12.524	0.1009	26.282	0
"2011-04-03	00:00:00"	5.9372	189.13	71.094	18.014	0.09815	26.285	0
"2011-04-03	01:00:00"	8.1348	187.26	71.913	30.592	0.089	26.279	0
"2011-04-03	02:00:00"	6.0012	178.04	68.539	42.084	0.11828	26.267	0
"2011-04-03	03:00:00"	9.0204	180.98	68.607	49.789	0.0973	26.252	0
"2011-04-03	04:00:00"	6.1211	180.68	66.315	55.83	0.1257	26.237	0
"2011-04-03	05:00:00"	9.0086	196.16	66.863	57.191	0.09391	26.24	0
"2011-04-03	06:00:00"	8.4674	199.33	65.913	59.571	0.10832	26.243	0
"2011-04-03	07:00:00"	8.5687	185.54	64.429	63.653	0.10811	26.246	0
"2011-04-03	08:00:00"	9.1752	187.34	63.063	68.967	13.629	26.258	0
"2011-04-03	09:00:00"	8.7713	185.89	64.274	63.652	92.673	26.264	0
"2011-04-03	10:00:00"	10.292	190.07	68.27	40.398	308.7	26.267	0
"2011-04-03	11:00:00"	11.333	213.1	73.62	23.965	515.53	26.264	0
"2011-04-03	12:00:00"	14.212	219.86	80.551	14.762	805.86	26.249	0
"2011-04-03	13:00:00"	15.926	241.2	86.714	9.4761	934.93	26.22	0
"2011-04-03	14:00:00"	17.122	236.64	88.336	9.1472	984.45	26.208	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-03	15:00:00"	17.313	241.64	89.302	7.9886	972.27	26.184	0
"2011-04-03	16:00:00"	17.822	236.59	89.925	7.2083	875.76	26.146	0
"2011-04-03	17:00:00"	18.661	238.43	89.436	6.5256	651.36	26.137	0
"2011-04-03	18:00:00"	17.658	237.85	88.862	6.2292	472.58	26.119	0
"2011-04-03	19:00:00"	17.497	236.56	87.959	5.8711	249.05	26.116	0
"2011-04-03	20:00:00"	13.432	237.39	85.224	6.0839	45.397	26.113	0
"2011-04-03	21:00:00"	10.819	248.99	82.881	7.3225	1.7891	26.122	0
"2011-04-03	22:00:00"	8.0536	258.04	80.159	8.3492	0.07652	26.146	0
"2011-04-03	23:00:00"	12.847	269.83	79.761	9.7658	0.10239	26.167	0
"2011-04-04	00:00:00"	11.519	270.63	78.239	10.898	0.10599	26.175	0
"2011-04-04	01:00:00"	14.49	279.52	77.252	10.093	0.08776	26.205	0
"2011-04-04	02:00:00"	12.577	279.59	75.362	10.128	0.07949	26.234	0
"2011-04-04	03:00:00"	8.9732	275.81	71.911	11.553	0.11341	26.249	0
"2011-04-04	04:00:00"	15.46	303.8	65.66	19.346	0.11553	26.308	0
"2011-04-04	05:00:00"	23.579	13.742	48.334	44.407	0.11765	26.356	0
"2011-04-04	06:00:00"	26.198	17.627	43.91	46.307	0.13779	26.403	0
"2011-04-04	07:00:00"	24.404	14.483	41.619	47.731	0.12782	26.468	0
"2011-04-04	08:00:00"	19.533	8.588	40.424	51.295	9.6514	26.53	0
"2011-04-04	09:00:00"	19.852	8.4283	40.562	52.538	148.87	26.58	0
"2011-04-04	10:00:00"	20.83	8.7188	42.589	51.129	382.52	26.612	0
"2011-04-04	11:00:00"	19.512	4.3591	45.224	45.163	612.05	26.639	0
"2011-04-04	12:00:00"	17.347	6.604	48.294	38.055	817.56	26.66	0
"2011-04-04	13:00:00"	16.43	3.2764	52.241	27.126	962.12	26.651	0
"2011-04-04	14:00:00"	15.393	4.5999	55.404	19.304	1039.2	26.63	0
"2011-04-04	15:00:00"	12.616	7.7422	56.447	17.177	1031.5	26.609	0
"2011-04-04	16:00:00"	10.281	0.97804	57.826	14.969	944.65	26.592	0
"2011-04-04	17:00:00"	9.0204	357.04	59.09	13.849	789.45	26.556	0
"2011-04-04	18:00:00"	5.7682	327.92	59.929	13.46	582.75	26.547	0
"2011-04-04	19:00:00"	5.1592	343.32	60.403	12.482	343.93	26.539	0
"2011-04-04	20:00:00"	2.5489	101.16	59.966	12.602	115.1	26.542	0
"2011-04-04	21:00:00"	4.3167	91.738	55.727	14.684	2.2432	26.542	0
"2011-04-04	22:00:00"	4.1831	88.279	50.84	17.523	0.13609	26.55	0
"2011-04-04	23:00:00"	4.7951	108.89	49.234	18.375	0.13037	26.545	0
"2011-04-05	00:00:00"	7.1973	131.14	50.306	17.956	0.131	26.545	0
"2011-04-05	01:00:00"	7.3038	138.01	48.417	19.788	0.12662	26.55	0
"2011-04-05	02:00:00"	6.1783	150.73	46.651	20.746	0.14881	26.542	0
"2011-04-05	03:00:00"	5.9415	216.96	44.463	22.155	0.15453	26.506	0
"2011-04-05	04:00:00"	7.9778	230.3	42.689	23.276	0.14457	26.497	0
"2011-04-05	05:00:00"	6.448	224.91	42.669	23.002	0.16132	26.494	0
"2011-04-05	06:00:00"	6.0267	215.99	42.784	22.976	0.15135	26.494	0
"2011-04-05	07:00:00"	8.7452	204.07	43.385	22.687	0.138	26.494	0
"2011-04-05	08:00:00"	7.7125	198.12	43.186	23.307	14.025	26.494	0
"2011-04-05	09:00:00"	9.1248	183.2	45.311	21.483	164.69	26.5	0
"2011-04-05	10:00:00"	14.224	189.81	52.365	18.25	402.04	26.5	0
"2011-04-05	11:00:00"	12.677	193.69	57.562	17.267	636.31	26.5	0
"2011-04-05	12:00:00"	11.58	197.11	63.074	15.644	833.56	26.488	0
"2011-04-05	13:00:00"	9.1863	208.27	67.936	13.35	973.39	26.462	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-05	14:00:00"	8.8725	208.89	72.882	9.7978	1041	26.426	0
"2011-04-05	15:00:00"	9.7624	207.58	76.312	8.6525	1027	26.397	0
"2011-04-05	16:00:00"	10.478	208.71	78.859	8.1947	938.81	26.358	0
"2011-04-05	17:00:00"	11.451	196.12	80.048	7.9842	783.48	26.326	0
"2011-04-05	18:00:00"	13.364	194.77	81.167	7.9286	576.88	26.311	0
"2011-04-05	19:00:00"	12.044	185.11	81.033	8.3708	261.75	26.285	0
"2011-04-05	20:00:00"	11.597	183.08	81.752	8.2858	138.79	26.279	0
"2011-04-05	21:00:00"	6.9127	189.87	77.783	8.3345	2.1683	26.276	0
"2011-04-05	22:00:00"	9.9904	183.02	71.054	12.286	0.08882	26.299	0
"2011-04-05	23:00:00"	10.597	193.11	67.909	15.368	0.11087	26.305	0
"2011-04-06	00:00:00"	10.936	192.24	65.399	16.684	0.10599	26.296	0
"2011-04-06	01:00:00"	11.094	193.43	63.176	19.049	0.12113	26.294	0
"2011-04-06	02:00:00"	13.517	195.2	61.636	21.056	0.09645	26.299	0
"2011-04-06	03:00:00"	13.177	187.04	60.415	22.983	0.12486	26.299	0
"2011-04-06	04:00:00"	8.7961	195.71	58.134	25.327	0.09921	26.285	0
"2011-04-06	05:00:00"	7.7317	199.65	56.478	27.21	0.10429	26.282	0
"2011-04-06	06:00:00"	7.9759	195.71	54.744	29.318	0.15369	26.288	0
"2011-04-06	07:00:00"	5.7241	196.75	52.918	31.299	0.12676	26.302	0
"2011-04-06	08:00:00"	5.7353	200.21	51.824	32.649	9.0015	26.317	0
"2011-04-06	09:00:00"	6.4038	211.65	55.989	28.743	130.54	26.332	0
"2011-04-06	10:00:00"	6.2031	230.76	64.571	20.856	327.61	26.353	0
"2011-04-06	11:00:00"	11.044	264.22	78.987	12.218	636.76	26.361	0
"2011-04-06	12:00:00"	18.868	273.91	83.937	9.6378	816.33	26.361	0
"2011-04-06	13:00:00"	18.045	270.8	86.185	8.4333	886.7	26.35	0
"2011-04-06	14:00:00"	16.066	270.12	88.706	7.9133	1028.8	26.323	0
"2011-04-06	15:00:00"	15.278	276.56	90.456	7.6253	1014.8	26.288	0
"2011-04-06	16:00:00"	13.426	265.6	91.756	7.4533	926.68	26.267	0
"2011-04-06	17:00:00"	12.609	247.74	91.781	7.2461	775.49	26.237	0
"2011-04-06	18:00:00"	11.417	260.3	90.479	7.3233	401.2	26.234	0
"2011-04-06	19:00:00"	8.857	260.9	88.402	7.8845	178.11	26.234	0
"2011-04-06	20:00:00"	7.0265	258.2	86.13	8.5322	47.004	26.24	0
"2011-04-06	21:00:00"	4.8249	270.68	81.969	10.01	1.7917	26.243	0
"2011-04-06	22:00:00"	3.5002	289.28	77.628	11.347	0.08161	26.249	0
"2011-04-06	23:00:00"	3.0901	297.9	73.373	12.919	0.10133	26.27	0
"2011-04-07	00:00:00"	7.3384	219.42	76.82	12.459	0.0973	26.291	0
"2011-04-07	01:00:00"	5.5936	300.66	73.746	14.751	0.092	26.273	0
"2011-04-07	02:00:00"	4.9902	306.31	69.375	18.562	0.10429	26.273	0
"2011-04-07	03:00:00"	2.0195	322.02	65.63	22.334	0.07864	26.276	0
"2011-04-07	04:00:00"	5.396	332.02	66.294	24.569	0.10387	26.279	0
"2011-04-07	05:00:00"	5.921	338.45	65.628	32.353	0.08352	26.294	0
"2011-04-07	06:00:00"	6.4374	323.69	65.083	33.945	0.11087	26.299	0
"2011-04-07	07:00:00"	2.7769	292.27	63.948	34.917	0.09984	26.291	0
"2011-04-07	08:00:00"	1.6734	274.04	63.488	35.347	4.1033	26.314	0
"2011-04-07	09:00:00"	5.8626	277.97	66.071	30.871	129.67	26.326	0
"2011-04-07	10:00:00"	12.224	276.35	70.945	23.988	398.78	26.323	0
"2011-04-07	11:00:00"	10.889	259.97	74.917	19.85	632.12	26.32	0
"2011-04-07	12:00:00"	13.282	257.56	76.727	17.509	828.73	26.311	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-07	13:00:00"	12.791	251.55	78.412	16.248	965.86	26.291	0
"2011-04-07	14:00:00"	13.502	241.13	79.314	15.069	1033.5	26.267	0
"2011-04-07	15:00:00"	13.948	252.24	80.726	13.431	1014.4	26.24	0
"2011-04-07	16:00:00"	16.078	239.08	81.588	11.736	928.75	26.22	0
"2011-04-07	17:00:00"	15.746	241.61	82.561	10.322	780.12	26.202	0
"2011-04-07	18:00:00"	14.662	239.87	82.658	10.276	575.2	26.205	0
"2011-04-07	19:00:00"	13.642	252.82	81.829	10.592	339.68	26.199	0
"2011-04-07	20:00:00"	12.695	262.44	79.686	11.724	118.34	26.202	0
"2011-04-07	21:00:00"	7.5335	270.2	75.813	13.708	4.0143	26.217	0
"2011-04-07	22:00:00"	2.1928	324.29	68.226	17.138	0.10641	26.217	0
"2011-04-07	23:00:00"	3.9177	322.58	63.836	20.519	0.11383	26.223	0
"2011-04-08	00:00:00"	6.4654	157.09	63.128	21.191	0.10981	26.229	0
"2011-04-08	01:00:00"	1.1488	73.317	58.521	24.412	0.13445	26.22	0
"2011-04-08	02:00:00"	0.75745	89.86	57.846	25.209	0.11998	26.234	0
"2011-04-08	03:00:00"	2.9726	185.03	60.682	22.886	0.10981	26.249	0
"2011-04-08	04:00:00"	1.9977	127.17	59.273	24.427	0.12443	26.229	0
"2011-04-08	05:00:00"	1.4435	350.68	55.943	27.018	0.09581	26.223	0
"2011-04-08	06:00:00"	2.4762	321.42	55.095	28.014	0.12846	26.234	0
"2011-04-08	07:00:00"	2.3842	317.35	52.124	31.188	0.11956	26.237	0
"2011-04-08	08:00:00"	1.1197	321.17	52.074	31.816	15.204	26.252	0
"2011-04-08	09:00:00"	2.7713	262.66	57.939	26.579	169.04	26.27	0
"2011-04-08	10:00:00"	3.3163	267.18	68.884	18.859	408.91	26.276	0
"2011-04-08	11:00:00"	4.4888	230.74	75.175	15.782	644.35	26.282	0
"2011-04-08	12:00:00"	9.8052	226.71	78.632	14.316	840.97	26.285	0
"2011-04-08	13:00:00"	11.671	227.75	80.76	13.937	977.91	26.27	0
"2011-04-08	14:00:00"	14.854	216.14	81.929	12.466	1045.4	26.255	0
"2011-04-08	15:00:00"	13.192	217.95	83.47	10.711	1030.1	26.237	0
"2011-04-08	16:00:00"	13.189	219.28	85.156	8.835	943.29	26.211	0
"2011-04-08	17:00:00"	13.377	211.72	85.823	8.14	786.32	26.19	0
"2011-04-08	18:00:00"	15.331	202	87.078	6.7242	584.92	26.187	0
"2011-04-08	19:00:00"	13.299	212.92	86.726	6.0881	352.64	26.184	0
"2011-04-08	20:00:00"	9.9755	212.72	85.536	6.8925	123.73	26.187	0
"2011-04-08	21:00:00"	6.0633	191.84	80.971	7.8486	4.389	26.184	0
"2011-04-08	22:00:00"	1.1384	131.51	74.212	10.245	0.08734	26.19	0
"2011-04-08	23:00:00"	1.7057	75.601	69.966	12.186	0.09666	26.187	0
"2011-04-09	00:00:00"	3.0311	134.44	67.217	13.416	0.09645	26.199	0
"2011-04-09	01:00:00"	12.848	162.23	74.66	16.512	0.08861	26.211	0
"2011-04-09	02:00:00"	8.0045	187.06	73.17	23.129	0.09836	26.217	0
"2011-04-09	03:00:00"	9.6853	188.43	72.207	27.567	0.11404	26.214	0
"2011-04-09	04:00:00"	9.013	175.56	69.24	33.689	0.12083	26.205	0
"2011-04-09	05:00:00"	5.8875	178.51	66.047	39.733	0.10154	26.208	0
"2011-04-09	06:00:00"	5.012	178.07	63.626	44.534	0.13249	26.214	0
"2011-04-09	07:00:00"	4.7641	175.43	62.41	47.674	0.09815	26.229	0
"2011-04-09	08:00:00"	3.32	177.87	61.389	49.909	19.761	26.24	0
"2011-04-09	09:00:00"	4.9169	178.07	62.796	50.429	92.56	26.258	0
"2011-04-09	10:00:00"	9.3063	192.4	67.938	44.332	219.02	26.261	0
"2011-04-09	11:00:00"	16.128	189.19	73.798	31.686	556.7	26.267	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-09	12:00:00"	17.102	202.07	80.211	18.063	852.5	26.258	0
"2011-04-09	13:00:00"	19.264	195.71	83.122	13.625	1006.5	26.234	0
"2011-04-09	14:00:00"	21.35	208.37	86.127	10.283	1041.7	26.208	0
"2011-04-09	15:00:00"	22.265	205.72	88.639	8.7364	1021.8	26.184	0
"2011-04-09	16:00:00"	22.329	214.91	89.83	7.6158	929.4	26.146	0
"2011-04-09	17:00:00"	21.803	214.48	90.25	7.9653	769.21	26.14	0
"2011-04-09	18:00:00"	22.09	210.79	89.929	8.6436	546.96	26.128	0
"2011-04-09	19:00:00"	21.184	207.73	89.752	8.7536	295.48	26.113	0
"2011-04-09	20:00:00"	19.034	197.39	88.587	9.2719	81.447	26.102	0
"2011-04-09	21:00:00"	18.659	189.23	86.817	9.7342	2.4931	26.099	0
"2011-04-09	22:00:00"	10.99	215.08	83.704	10.305	0.08394	26.149	0
"2011-04-09	23:00:00"	6.9942	197.08	80.938	10.641	0.08352	26.202	0
"2011-04-10	00:00:00"	11.168	213.54	82.557	9.4144	0.08988	26.217	0
"2011-04-10	01:00:00"	8.5556	255.43	78.399	11.831	0.08564	26.229	0
"2011-04-10	02:00:00"	9.5095	301.9	72.156	18.717	0.08352	26.237	0
"2011-04-10	03:00:00"	9.6654	305.73	68.804	21.458	0.09942	26.24	0
"2011-04-10	04:00:00"	9.3703	308.98	65.456	24.349	0.0778	26.243	0
"2011-04-10	05:00:00"	7.6186	307.59	61.965	27.285	0.11129	26.255	0
"2011-04-10	06:00:00"	8.2151	308.72	59.534	29.534	0.10641	26.267	0
"2011-04-10	07:00:00"	8.6495	307.85	57.916	31.186	0.13037	26.285	0
"2011-04-10	08:00:00"	8.5656	323.18	54.611	33.629	13.815	26.314	0
"2011-04-10	09:00:00"	13.803	338.83	52.602	33.386	110.92	26.329	0
"2011-04-10	10:00:00"	13.399	340.47	54.547	30.821	385.63	26.344	0
"2011-04-10	11:00:00"	11.343	336.41	59.488	26.502	645.85	26.356	0
"2011-04-10	12:00:00"	9.7841	309.66	64.471	23.244	839.03	26.356	0
"2011-04-10	13:00:00"	9.5467	298.11	68.815	21.595	975.01	26.341	0
"2011-04-10	14:00:00"	9.3783	275.92	71.754	20.099	1040.5	26.317	0
"2011-04-10	15:00:00"	10.278	270.48	73.834	18.289	1032.8	26.296	0
"2011-04-10	16:00:00"	12.34	248.86	76.94	16.55	943.43	26.282	0
"2011-04-10	17:00:00"	11.682	250.43	78.233	15.488	784.68	26.255	0
"2011-04-10	18:00:00"	13.636	252.03	78.919	13.56	576.8	26.258	0
"2011-04-10	19:00:00"	19.234	292.78	74.681	16.368	333.94	26.299	0
"2011-04-10	20:00:00"	19.532	292.59	70.081	18.491	116.39	26.329	0
"2011-04-10	21:00:00"	15.061	285.52	66.887	18.896	4.8783	26.361	0
"2011-04-10	22:00:00"	12.101	280.71	64.12	20.745	0.12316	26.409	0
"2011-04-10	23:00:00"	11.236	309.22	61.178	16.995	0.10196	26.441	0
"2011-04-11	00:00:00"	10.586	312.52	56.699	13.919	0.12146	26.453	0
"2011-04-11	01:00:00"	9.5026	306.9	52.876	14.651	0.13588	26.453	0
"2011-04-11	02:00:00"	10.507	304.47	50.601	15.284	0.1238	26.456	0
"2011-04-11	03:00:00"	10.729	308.98	48.978	15.759	0.16937	26.471	0
"2011-04-11	04:00:00"	11.567	300.38	50.578	16.975	0.13969	26.494	0
"2011-04-11	05:00:00"	10.986	300.26	50.545	18.583	0.1132	26.527	0
"2011-04-11	06:00:00"	12.111	323.84	49.707	20.446	0.13334	26.55	0
"2011-04-11	07:00:00"	12.985	343.29	48.641	23.693	0.12931	26.58	0
"2011-04-11	08:00:00"	12.839	350.93	48.421	29.397	24.393	26.612	0
"2011-04-11	09:00:00"	13.329	2.9504	50.557	31.926	193.48	26.633	0
"2011-04-11	10:00:00"	16.4	13.833	54.287	31.664	436.19	26.654	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-11	11:00:00"	15.937	23.808	57.676	28.262	671.27	26.663	0
"2011-04-11	12:00:00"	13.666	29.592	61.095	23.531	867.54	26.68	0
"2011-04-11	13:00:00"	9.9817	29.464	62.95	19.959	1005.3	26.68	0
"2011-04-11	14:00:00"	9.8518	354.4	65.318	16.99	1070.8	26.639	0
"2011-04-11	15:00:00"	8.5047	353.86	67.171	15.282	1058.5	26.621	0
"2011-04-11	16:00:00"	7.7802	358	68.571	14.074	966.38	26.607	0
"2011-04-11	17:00:00"	6.333	335.63	70.297	12.461	809.89	26.589	0
"2011-04-11	18:00:00"	5.6824	116.95	70.433	12.224	600.32	26.571	0
"2011-04-11	19:00:00"	4.5279	35.297	70.768	12.007	361.96	26.565	0
"2011-04-11	20:00:00"	4.3359	115.57	70.05	11.901	136.19	26.568	0
"2011-04-11	21:00:00"	3.1758	88.518	66.445	13.473	6.4499	26.586	0
"2011-04-11	22:00:00"	4.0905	92.15	62.322	15.287	0.1115	26.598	0
"2011-04-11	23:00:00"	4.6441	94.875	57.839	17.533	0.12761	26.595	0
"2011-04-12	00:00:00"	6.6362	111.16	57.44	18.357	0.10896	26.592	0
"2011-04-12	01:00:00"	7.3086	111.38	56.902	19.265	0.13524	26.589	0
"2011-04-12	02:00:00"	7.9511	122.9	56.585	20.528	0.12486	26.574	0
"2011-04-12	03:00:00"	7.2968	114.14	55.015	21.809	0.13079	26.556	0
"2011-04-12	04:00:00"	7.7727	119.74	54.283	22.567	0.14796	26.55	0
"2011-04-12	05:00:00"	8.7918	125.48	53.884	23.363	0.13588	26.547	0
"2011-04-12	06:00:00"	9.0956	128.81	52.866	24.969	0.12316	26.55	0
"2011-04-12	07:00:00"	10.108	141.22	52.043	27.375	0.13927	26.553	0
"2011-04-12	08:00:00"	9.3268	148.87	51.34	29.426	20.964	26.556	0
"2011-04-12	09:00:00"	9.7711	157.53	53.959	27.866	181.98	26.559	0
"2011-04-12	10:00:00"	16.667	164.19	61.315	23.435	416.25	26.547	0
"2011-04-12	11:00:00"	23.201	166.05	66.096	20.274	656.69	26.533	0
"2011-04-12	12:00:00"	23.946	168.79	68.614	18.526	860.47	26.515	0
"2011-04-12	13:00:00"	22.23	159.74	71.746	16.126	932.53	26.497	0
"2011-04-12	14:00:00"	19.797	170.12	73.184	14.42	1024.3	26.462	0
"2011-04-12	15:00:00"	18.807	168.54	75.447	12.748	1010.9	26.415	0
"2011-04-12	16:00:00"	17.89	167.94	77.289	11.764	928.65	26.391	0
"2011-04-12	17:00:00"	16.043	181.75	78.586	11.18	776.7	26.364	0
"2011-04-12	18:00:00"	15.525	176.42	79.072	11.261	571.67	26.356	0
"2011-04-12	19:00:00"	13.59	172.46	79.232	11.654	324.15	26.347	0
"2011-04-12	20:00:00"	13.716	161	77.823	12.702	109.78	26.344	0
"2011-04-12	21:00:00"	13.028	153.07	73.626	15.673	4.3144	26.35	0
"2011-04-12	22:00:00"	12.815	150.68	69.992	18.592	0.11193	26.37	0
"2011-04-12	23:00:00"	10.531	149.88	66.828	20.537	0.12252	26.373	0
"2011-04-13	00:00:00"	8.8297	151.67	63.975	22.518	0.12464	26.364	0
"2011-04-13	01:00:00"	6.0261	153.86	61.248	24.899	0.1114	26.361	0
"2011-04-13	02:00:00"	4.6802	173.42	58.753	27.269	0.10345	26.358	0
"2011-04-13	03:00:00"	6.4225	183.76	59.207	27.381	0.1416	26.347	0
"2011-04-13	04:00:00"	7.1271	187.92	58.948	28.096	0.12867	26.338	0
"2011-04-13	05:00:00"	6.164	201.74	58.301	29.202	0.11108	26.338	0
"2011-04-13	06:00:00"	5.0238	215.93	57.589	30.299	0.13736	26.344	0
"2011-04-13	07:00:00"	3.9401	216.17	56.88	31.194	0.12952	26.35	0
"2011-04-13	08:00:00"	6.2777	201.06	56.127	32.323	25.92	26.367	0
"2011-04-13	09:00:00"	8.2903	195.87	56.926	31.911	197.2	26.382	0

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"2011-04-13	10:00:00"	8.135	221.74	61.034	28.057	419.36	26.388	0
"2011-04-13	11:00:00"	7.472	230.5	68.051	21.301	611.44	26.4	0
"2011-04-13	12:00:00"	6.9643	290.88	76.004	12.676	800.67	26.397	0
"2011-04-13	13:00:00"	6.1783	310.14	80.186	8.8311	827.18	26.379	0
"2011-04-13	14:00:00"	7.7597	282.23	83.135	7.1003	889.04	26.353	0
"2011-04-13	15:00:00"	8.6259	251.46	83.966	6.0811	727.97	26.338	0
"2011-04-13	16:00:00"	10.016	242.86	84.331	5.6778	738.42	26.317	0
"2011-04-13	17:00:00"	9.5865	252.1	84.091	5.7867	612.38	26.296	0
"2011-04-13	18:00:00"	7.5248	250.55	83.553	6.4142	395.19	26.279	0
"2011-04-13	19:00:00"	8.8154	227.69	82.696	6.5981	217.25	26.27	0
"2011-04-13	20:00:00"	7.7814	227.71	80.564	6.5261	85.432	26.273	0
"2011-04-13	21:00:00"	7.5689	223.46	77.123	7.3317	11.25	26.282	0
"2011-04-13	22:00:00"	6.9376	220.73	73.4	7.7089	0.08967	26.291	0
"2011-04-13	23:00:00"	5.977	218.24	68.705	9.1847	0.11786	26.296	0
"2011-04-14	00:00:00"	9.2267	214.55	67.174	10.8	0.10175	26.294	0
"2011-04-14	01:00:00"	7.6485	188.33	64.409	12.009	0.10896	26.279	0
"2011-04-14	02:00:00"	6.4449	211.2	61.287	13.315	0.10853	26.282	0
"2011-04-14	03:00:00"	6.0205	215.79	61.242	13.239	0.09921	26.27	0
"2011-04-14	04:00:00"	4.9933	229.58	58.933	14.143	0.13397	26.255	0
"2011-04-14	05:00:00"	3.7394	232.9	56.425	14.86	0.1115	26.261	0
"2011-04-14	06:00:00"	4.029	266.49	55.801	15.043	0.13206	26.258	0
"2011-04-14	07:00:00"	2.9335	299.14	54.667	16.086	0.1291	26.264	0
"2011-04-14	08:00:00"	4.1508	295.38	53.403	17.731	27.706	26.282	0
"2011-04-14	09:00:00"	5.012	235.22	61.093	14.52	204.9	26.285	0
"2011-04-14	10:00:00"	11.48	259.93	69.264	11.077	447.84	26.285	0
"2011-04-14	11:00:00"	17.866	271.24	72.766	8.6469	674.41	26.291	0
"2011-04-14	12:00:00"	16.023	262.98	75.099	7.4161	872.05	26.267	0
"2011-04-14	13:00:00"	15.404	264.43	77.444	5.7956	1007.5	26.252	0
"2011-04-14	14:00:00"	14.943	265.84	78.177	5.4256	1069.5	26.223	0
"2011-04-14	15:00:00"	15.145	266.35	79.949	5.7922	1049.1	26.202	0
"2011-04-14	16:00:00"	14.726	268.67	81.3	5.5711	958.78	26.181	0
"2011-04-14	17:00:00"	17.667	287.39	82.661	4.3603	799.88	26.175	0
"2011-04-14	18:00:00"	20.268	296.33	81.222	3.7006	589.42	26.187	0
"2011-04-14	19:00:00"	19.182	308.26	79.581	3.8814	352.62	26.199	0
"2011-04-14	20:00:00"	18.511	320.8	75.985	4.1308	125.34	26.211	0
"2011-04-14	21:00:00"	12.676	320.45	70.698	5.7642	6.1332	26.24	0
"2011-04-14	22:00:00"	6.6536	315.4	63.663	7.9697	0.07334	26.27	0
"2011-04-14	23:00:00"	7.5037	323.09	59.282	10.354	0.07546	26.294	0
"2011-04-15	00:00:00"	11.73	327.01	63.832	9.1292	0.06974	26.314	0
"2011-04-15	01:00:00"	12.42	328.98	60.064	9.3923	0.08033	26.341	0
"2011-04-15	02:00:00"	13.626	320.88	59.012	8.2375	0.06889	26.353	0
"2011-04-15	03:00:00"	13.149	315.39	57.533	8.6186	0.07568	26.358	0
"2011-04-15	04:00:00"	10.934	310.98	55.5	9.9119	0.06741	26.364	0
"2011-04-15	05:00:00"	8.9104	314.94	52.763	11.511	0.085	26.391	0
"2011-04-15	06:00:00"	8.4308	330.7	47.106	14.386	0.07949	26.412	0
"2011-04-15	07:00:00"	10.065	335.47	46.413	15.476	0.07886	26.438	0
"2011-04-15	08:00:00"	9.2124	342.93	46.301	15.883	28.791	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-15"	09:00:00"	6.8369	12.402	51.048	20.112	204.24	26.506	0
"2011-04-15"	10:00:00"	9.2864	40.157	54.465	33.876	446.74	26.53	0
"2011-04-15"	11:00:00"	10.767	7.314	56.686	33.184	678.94	26.542	0
"2011-04-15"	12:00:00"	9.5672	1.1882	59.326	26.269	876.35	26.545	0
"2011-04-15"	13:00:00"	8.7974	354.25	61.812	20.296	1012.7	26.542	0
"2011-04-15"	14:00:00"	7.6311	329.78	64.551	15.654	1077.1	26.518	0
"2011-04-15"	15:00:00"	6.6673	334.94	66.572	13.491	1058.9	26.5	0
"2011-04-15"	16:00:00"	7.0233	324.16	67.965	12.157	970.53	26.483	0
"2011-04-15"	17:00:00"	4.6764	358.61	68.909	11.375	810.33	26.468	0
"2011-04-15"	18:00:00"	5.3022	316.72	70.684	10.695	604.08	26.456	0
"2011-04-15"	19:00:00"	3.3995	219.34	71.098	10.697	362.97	26.444	0
"2011-04-15"	20:00:00"	3.1466	134.68	70.129	11.008	118.45	26.435	0
"2011-04-15"	21:00:00"	6.5449	128.1	66.462	12.648	5.6724	26.441	0
"2011-04-15"	22:00:00"	7.8498	131.47	63.414	13.68	0.07822	26.456	0
"2011-04-15"	23:00:00"	8.281	133.43	60.989	14.654	0.06211	26.468	0
"2011-04-16"	00:00:00"	8.4786	136.41	58.836	15.583	0.10302	26.468	0
"2011-04-16"	01:00:00"	8.5307	138.36	56.621	16.421	0.08709	26.468	0
"2011-04-16"	02:00:00"	7.3079	133.56	54.494	17.14	0.07843	26.471	0
"2011-04-16"	03:00:00"	6.274	119.43	52.655	17.784	0.08182	26.462	0
"2011-04-16"	04:00:00"	8.4904	134.28	52.095	17.569	0.06762	26.459	0
"2011-04-16"	05:00:00"	8.0294	124.81	49.967	18.412	0.05194	26.465	0
"2011-04-16"	06:00:00"	6.6356	114.6	46.021	21.165	0.07144	26.468	0
"2011-04-16"	07:00:00"	5.9707	110.58	44.28	21.546	0.08013	26.48	0
"2011-04-16"	08:00:00"	4.7728	100.54	41.331	24.399	25.364	26.485	0
"2011-04-16"	09:00:00"	11.669	111.17	46.96	20.019	177.78	26.497	0
"2011-04-16"	10:00:00"	14.777	129.72	52.602	16.179	397.08	26.5	0
"2011-04-16"	11:00:00"	16.604	150.78	58.999	12.824	626.35	26.491	0
"2011-04-16"	12:00:00"	16.938	167.06	64.632	10.876	813.04	26.48	0
"2011-04-16"	13:00:00"	15.316	176.08	68.322	9.8856	966.91	26.456	0
"2011-04-16"	14:00:00"	11.479	186.78	71.806	8.5831	1038.7	26.426	0
"2011-04-16"	15:00:00"	10.054	175.37	75.057	7.0372	1021.5	26.394	0
"2011-04-16"	16:00:00"	10.381	172.27	76.801	6.2456	923.31	26.361	0
"2011-04-16"	17:00:00"	9.4604	183.64	78.684	5.4233	765.54	26.335	0
"2011-04-16"	18:00:00"	10.574	190.13	79.731	5.0281	555.9	26.32	0
"2011-04-16"	19:00:00"	11.919	176.49	79.722	5.3311	320	26.308	0
"2011-04-16"	20:00:00"	12.934	169.64	77.936	7.3186	101.47	26.305	0
"2011-04-16"	21:00:00"	12.976	158.52	72.935	9.5775	4.8049	26.308	0
"2011-04-16"	22:00:00"	11.338	158.3	68.551	11.594	0.08564	26.329	0
"2011-04-16"	23:00:00"	13.526	161.93	66.232	13.641	0.0867	26.329	0
"2011-04-17"	00:00:00"	9.7692	166.26	63.412	15.77	0.06359	26.323	0
"2011-04-17"	01:00:00"	9.1969	172.98	62.154	19.26	0.06296	26.329	0
"2011-04-17"	02:00:00"	7.3813	176.87	60.75	23.325	0.0761	26.32	0
"2011-04-17"	03:00:00"	4.9436	178.44	58.468	27.265	0.07419	26.299	0
"2011-04-17"	04:00:00"	8.6327	187.61	58.429	29.656	0.09899	26.285	0
"2011-04-17"	05:00:00"	9.2783	190.08	57.334	32.294	0.0619	26.273	0
"2011-04-17"	06:00:00"	9.8742	193.87	56.356	35.013	0.06635	26.27	0
"2011-04-17"	07:00:00"	8.7508	195.67	54.946	38.518	0.07801	26.27	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-17	08:00:00"	9.0608	196.56	53.279	42.572	27.631	26.282	0
"2011-04-17	09:00:00"	9.0907	198.24	54.434	42.129	201.88	26.294	0
"2011-04-17	10:00:00"	11.023	209.68	61.044	34.159	445.92	26.296	0
"2011-04-17	11:00:00"	10.034	220.74	67.3	25.014	681.77	26.299	0
"2011-04-17	12:00:00"	9.1049	242.48	77.335	13.227	876.18	26.294	0
"2011-04-17	13:00:00"	8.4966	257.66	84.191	7.2131	897.91	26.27	0
"2011-04-17	14:00:00"	11.223	288.72	87.929	6.5258	1030.4	26.243	0
"2011-04-17	15:00:00"	11.434	271.88	88.152	6.6703	749.95	26.232	0
"2011-04-17	16:00:00"	11.121	278.25	88.906	6.3114	682.66	26.196	0
"2011-04-17	17:00:00"	11.253	270.65	90.237	5.7589	718.12	26.167	0
"2011-04-17	18:00:00"	13.344	259.79	90.903	5.1075	504	26.164	0
"2011-04-17	19:00:00"	11.616	252.93	88.602	5.6745	223.8	26.158	0
"2011-04-17	20:00:00"	9.4119	248.84	88.339	6.2911	142.89	26.158	0
"2011-04-17	21:00:00"	5.7918	235.27	83.256	7.3044	5.5522	26.169	0
"2011-04-17	22:00:00"	2.2898	223.73	75.427	9.2453	0.0831	26.19	0
"2011-04-17	23:00:00"	3.8556	222.38	73.983	10.094	0.06444	26.205	0
"2011-04-18	00:00:00"	4.5223	225.53	71.908	10.576	0.06487	26.208	0
"2011-04-18	01:00:00"	1.7311	246.95	67.497	12.326	0.06762	26.208	0
"2011-04-18	02:00:00"	4.2769	232.28	68.505	12.359	0.05236	26.211	0
"2011-04-18	03:00:00"	3.1205	231.69	66.693	13.264	0.06147	26.205	0
"2011-04-18	04:00:00"	4.1644	305.19	64.465	14.592	0.06953	26.211	0
"2011-04-18	05:00:00"	7.2253	298.76	64.936	15.143	0.05533	26.205	0
"2011-04-18	06:00:00"	7.6646	299.72	64.442	16.17	0.08352	26.205	0
"2011-04-18	07:00:00"	6.6853	303.44	62.496	17.546	0.07992	26.217	0
"2011-04-18	08:00:00"	6.3976	303.37	60.212	18.791	33.877	26.24	0
"2011-04-18	09:00:00"	6.0503	286.31	64.719	16.585	213.51	26.267	0
"2011-04-18	10:00:00"	8.317	278.26	74.021	12.636	455.28	26.282	0
"2011-04-18	11:00:00"	10.194	275.48	80.358	10.422	691.65	26.285	0
"2011-04-18	12:00:00"	10.566	273.03	84.2	9.2194	888.49	26.279	0
"2011-04-18	13:00:00"	11.213	254.28	86.573	7.89	1026	26.255	0
"2011-04-18	14:00:00"	12.34	252.89	88.138	7.0078	1084.3	26.229	0
"2011-04-18	15:00:00"	13.947	237.73	88.852	6.2981	1069.9	26.205	0
"2011-04-18	16:00:00"	14.504	240.83	89.926	6.185	971.9	26.181	0
"2011-04-18	17:00:00"	16.472	233.78	89.69	5.6506	809.28	26.149	0
"2011-04-18	18:00:00"	16.358	236.2	89.359	5.1961	604.18	26.14	0
"2011-04-18	19:00:00"	14.369	239.33	88.653	5.1808	367.29	26.131	0
"2011-04-18	20:00:00"	14.653	228.85	86.301	5.6089	137.61	26.131	0
"2011-04-18	21:00:00"	8.8415	230	82.054	6.2853	8.0001	26.143	0
"2011-04-18	22:00:00"	4.9921	210.78	76.663	7.3542	0.07123	26.161	0
"2011-04-18	23:00:00"	3.9103	222.1	72.708	8.3953	0.06953	26.167	0
"2011-04-19	00:00:00"	2.2208	224.84	69.365	9.2894	0.05999	26.161	0
"2011-04-19	01:00:00"	2.3057	247.98	67.262	10.33	0.05496	26.158	0
"2011-04-19	02:00:00"	3.0559	248.92	66.967	10.485	0.07419	26.158	0
"2011-04-19	03:00:00"	6.5959	190.77	63.082	11.902	0.08479	26.167	0
"2011-04-19	04:00:00"	8.1356	201.64	62.202	12.527	0.07165	26.172	0
"2011-04-19	05:00:00"	6.041	208.29	60.649	14.422	0.05681	26.175	0
"2011-04-19	06:00:00"	2.0145	253.56	58.621	16.334	0.07228	26.181	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-19	07:00:00"	3.4356	240.76	59.923	16.714	0.07398	26.19	0
"2011-04-19	08:00:00"	4.6795	227.69	60.844	17.737	39.975	26.214	0
"2011-04-19	09:00:00"	4.4378	206.85	64.055	16.636	187.59	26.237	0
"2011-04-19	10:00:00"	10.163	264.43	73.931	12.938	460.87	26.252	0
"2011-04-19	11:00:00"	13.872	275.73	79.355	11.163	688.7	26.264	0
"2011-04-19	12:00:00"	14.576	288.19	82.152	10.23	879.13	26.279	0
"2011-04-19	13:00:00"	12.316	292.47	84.214	9.3314	1011.9	26.264	0
"2011-04-19	14:00:00"	11.543	276.19	85.461	8.7314	1082.7	26.264	0
"2011-04-19	15:00:00"	10.981	286.41	86.395	8.4847	1056.3	26.261	0
"2011-04-19	16:00:00"	8.9695	277.84	87.413	8.6453	961.51	26.243	0
"2011-04-19	17:00:00"	7.2644	278.52	88.369	8.0695	803.46	26.223	0
"2011-04-19	18:00:00"	7.8007	283.6	88.961	8.1308	601.34	26.217	0
"2011-04-19	19:00:00"	6.7021	252.34	88.508	8.1339	362.92	26.217	0
"2011-04-19	20:00:00"	5.9857	243.07	86.218	7.9383	131.28	26.234	0
"2011-04-19	21:00:00"	3.0416	275.31	80.446	10.514	4.5438	26.249	0
"2011-04-19	22:00:00"	1.7032	82.485	73.926	12.746	0.0549	26.276	0
"2011-04-19	23:00:00"	2.4712	203.16	74.098	12.62	0.07695	26.294	0
"2011-04-20	00:00:00"	4.2185	218.64	72.176	13.258	0.0708	26.302	0
"2011-04-20	01:00:00"	2.2623	329.18	67.243	15.775	0.09069	26.302	0
"2011-04-20	02:00:00"	1.4192	310.47	66.1	16.617	0.07229	26.302	0
"2011-04-20	03:00:00"	1.7044	359.87	65.87	16.008	0.06063	26.305	0
"2011-04-20	04:00:00"	2.6147	238.97	63.865	17.042	0.05808	26.317	0
"2011-04-20	05:00:00"	1.3521	299.37	62.196	17.603	0.085	26.314	0
"2011-04-20	06:00:00"	1.321	359.09	62.855	16.786	0.07462	26.314	0
"2011-04-20	07:00:00"	2.0425	184.27	65.351	14.489	0.06805	26.332	0
"2011-04-20	08:00:00"	9.7381	53.088	59.424	29.893	21.834	26.373	0
"2011-04-20	09:00:00"	12.549	73.767	57.78	47.203	208.41	26.391	0
"2011-04-20	10:00:00"	12.918	75.208	60.847	47.131	452.51	26.412	0
"2011-04-20	11:00:00"	10.968	80.586	64.187	41.721	681.24	26.429	0
"2011-04-20	12:00:00"	9.8487	71.238	68.381	34.876	871.94	26.441	0
"2011-04-20	13:00:00"	8.0231	57.633	72.393	27.694	1000.7	26.435	0
"2011-04-20	14:00:00"	8.0368	76.903	76.454	22.451	1051.2	26.423	0
"2011-04-20	15:00:00"	6.9855	65.943	79.25	19.381	1044.5	26.406	0
"2011-04-20	16:00:00"	8.9925	64.417	81.564	17.511	947.28	26.385	0
"2011-04-20	17:00:00"	9.1969	82.562	82.843	16.112	788.18	26.364	0
"2011-04-20	18:00:00"	10.489	79.141	83.547	16.091	585.16	26.347	0
"2011-04-20	19:00:00"	12.189	73.946	82.83	16.66	356.2	26.341	0
"2011-04-20	20:00:00"	14.07	79.826	80.132	19.214	125.85	26.353	0
"2011-04-20	21:00:00"	16.897	87.671	75.177	23.774	6.3257	26.379	0
"2011-04-20	22:00:00"	18.597	93.943	69.963	30.525	0.05363	26.403	0
"2011-04-20	23:00:00"	14.157	89.259	65.908	37.433	0.05787	26.412	0
"2011-04-21	00:00:00"	12.197	91.635	62.601	43.693	0.06126	26.412	0
"2011-04-21	01:00:00"	9.5345	83.171	59.743	49.352	0.06786	26.426	0
"2011-04-21	02:00:00"	7.014	70.095	57.508	54.948	0.092	26.426	0
"2011-04-21	03:00:00"	6.3175	63.293	55.83	59.276	0.0778	26.418	0
"2011-04-21	04:00:00"	8.9763	64.664	55.501	60.919	0.07525	26.397	0
"2011-04-21	05:00:00"	9.8916	73.41	54.655	63.641	0.05215	26.373	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-21	06:00:00"	9.5878	76.216	54.705	64.252	0.09115	26.37	0
"2011-04-21	07:00:00"	9.2553	79.314	55.413	63.392	0.05957	26.37	0
"2011-04-21	08:00:00"	6.3603	75.353	54.967	64.996	32.165	26.385	0
"2011-04-21	09:00:00"	5.9471	104.73	57.282	66.709	126.06	26.388	0
"2011-04-21	10:00:00"	5.8875	163.15	61.79	68.043	212.97	26.391	0
"2011-04-21	11:00:00"	7.9063	183.42	67.333	64.578	504.37	26.379	0
"2011-04-21	12:00:00"	9.6319	198.59	73.47	55.51	829.99	26.379	0
"2011-04-21	13:00:00"	7.0215	226.81	78.017	42.1	811.04	26.358	0
"2011-04-21	14:00:00"	6.6468	243.57	83.061	26.798	940.18	26.332	0
"2011-04-21	15:00:00"	8.2164	226.27	87.188	14.209	822.73	26.305	0
"2011-04-21	16:00:00"	9.1267	231.94	89.848	10.295	881.99	26.273	0
"2011-04-21	17:00:00"	13.426	218.38	90.463	8.8203	633.99	26.243	0
"2011-04-21	18:00:00"	14.748	233.97	91.187	8.2106	600.58	26.223	0
"2011-04-21	19:00:00"	13.619	230.54	91.121	7.5117	370.09	26.217	0
"2011-04-21	20:00:00"	11.511	235.42	89.317	7.6978	149.23	26.217	0
"2011-04-21	21:00:00"	5.1275	237.68	83.949	8.7958	10.744	26.223	0
"2011-04-21	22:00:00"	3.1299	243.64	77.483	10.279	0.06741	26.237	0
"2011-04-21	23:00:00"	10.164	198.9	76.569	15.769	0.06762	26.252	0
"2011-04-22	00:00:00"	13.117	198.41	75.395	50.726	0.06444	26.255	0
"2011-04-22	01:00:00"	10.71	191.88	72.058	59.515	0.07452	26.255	0
"2011-04-22	02:00:00"	5.2425	179.29	67.571	64.69	0.07864	26.258	0
"2011-04-22	03:00:00"	6.4511	191.59	66.407	65.674	0.08394	26.258	0
"2011-04-22	04:00:00"	5.5308	185.35	64.412	69.604	0.07271	26.255	0
"2011-04-22	05:00:00"	4.2334	230.05	62.983	74.561	0.06338	26.255	0
"2011-04-22	06:00:00"	5.4923	196.7	61.873	78.094	0.06805	26.258	0
"2011-04-22	07:00:00"	6.072	199.37	61.839	81.271	0.10154	26.267	0
"2011-04-22	08:00:00"	8.7688	185.46	62.388	82.481	49.84	26.282	0
"2011-04-22	09:00:00"	9.8804	189.16	64.972	72.235	243.19	26.294	0
"2011-04-22	10:00:00"	9.52	208.63	72.57	37.624	483.67	26.291	0
"2011-04-22	11:00:00"	14.044	254.28	81.615	14.256	707.7	26.296	0
"2011-04-22	12:00:00"	13.995	260.32	83.844	11.238	887.52	26.294	0
"2011-04-22	13:00:00"	13.611	261.7	85.941	9.1983	1010	26.276	0
"2011-04-22	14:00:00"	12.555	254.97	88.132	7.1003	1068	26.255	0
"2011-04-22	15:00:00"	13.384	257.54	89.099	6.1942	1047.9	26.237	0
"2011-04-22	16:00:00"	12.483	254.74	90.129	6.5036	949.16	26.214	0
"2011-04-22	17:00:00"	12.595	243.81	90.72	6.8525	789.79	26.193	0
"2011-04-22	18:00:00"	12.701	251.03	90.811	6.9803	585.14	26.184	0
"2011-04-22	19:00:00"	13.799	229.35	89.505	6.9131	356.41	26.184	0
"2011-04-22	20:00:00"	13.01	227.34	87.241	7.2847	137.19	26.187	0
"2011-04-22	21:00:00"	11.992	219.41	83.783	8.1883	8.6821	26.205	0
"2011-04-22	22:00:00"	3.9488	232.96	78.019	10.116	0.07101	26.226	0
"2011-04-22	23:00:00"	2.675	249.66	74.484	11.679	0.0725	26.229	0
"2011-04-23	00:00:00"	3.1367	270.63	71.403	12.942	0.08034	26.22	0
"2011-04-23	01:00:00"	3.7127	215.56	69.552	13.759	0.08288	26.229	0
"2011-04-23	02:00:00"	3.4822	231.97	67.978	14.282	0.06126	26.223	0
"2011-04-23	03:00:00"	3.5567	203.28	65.624	21.57	0.07631	26.229	0
"2011-04-23	04:00:00"	4.572	213.77	64.866	44.849	0.06275	26.232	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-23"	05:00:00"	3.9016	221.33	62.988	63.623	0.07229	26.232	0
"2011-04-23"	06:00:00"	5.6358	202.42	62.649	79.15	0.07165	26.237	0
"2011-04-23"	07:00:00"	3.5667	232.85	62.398	67.712	0.19311	26.252	0
"2011-04-23"	08:00:00"	3.1591	194.56	63.409	46.472	44.097	26.279	0
"2011-04-23"	09:00:00"	2.14	233.13	63.894	35.791	132.97	26.285	0
"2011-04-23"	10:00:00"	3.5139	180.46	68.256	31.077	433.45	26.299	0
"2011-04-23"	11:00:00"	5.7104	224.15	78.502	15.048	640.33	26.296	0
"2011-04-23"	12:00:00"	8.2897	264.25	85.38	10.626	897	26.291	0
"2011-04-23"	13:00:00"	10.703	262.99	86.868	9.9178	1023	26.285	0
"2011-04-23"	14:00:00"	10.195	250.1	87.122	9.2878	1080.7	26.273	0
"2011-04-23"	15:00:00"	9.5275	250.96	88.044	8.7695	1055.1	26.255	0
"2011-04-23"	16:00:00"	8.135	267.35	89.824	8.0614	970.75	26.234	0
"2011-04-23"	17:00:00"	7.3048	237.92	89.694	7.225	658.42	26.22	0
"2011-04-23"	18:00:00"	7.6006	242.73	89.742	6.7981	523.18	26.22	0
"2011-04-23"	19:00:00"	9.6443	232.08	88.407	6.7528	270.06	26.217	0
"2011-04-23"	20:00:00"	6.3349	236.63	84.959	9.8589	81.364	26.22	0
"2011-04-23"	21:00:00"	10.438	59.81	77.801	19.32	9.0134	26.261	0
"2011-04-23"	22:00:00"	11.322	78.671	73.983	20.99	0.07292	26.288	0
"2011-04-23"	23:00:00"	10.588	71.422	70.928	23.623	0.07207	26.296	0
"2011-04-24"	00:00:00"	11.23	79.553	68.291	26.579	0.05935	26.299	0
"2011-04-24"	01:00:00"	10.928	63.845	64.222	31.295	0.08561	26.308	0
"2011-04-24"	02:00:00"	11.93	56.262	60.7	35.894	0.07292	26.302	0
"2011-04-24"	03:00:00"	11.723	58.061	57.761	40.851	0.07334	26.285	0
"2011-04-24"	04:00:00"	11.641	51.971	55.214	46.546	0.06932	26.279	0
"2011-04-24"	05:00:00"	9.0043	44.137	52.377	50.938	0.08394	26.288	0
"2011-04-24"	06:00:00"	7.7566	33.65	50.467	53.631	0.07292	26.282	0
"2011-04-24"	07:00:00"	8.1946	43.613	50.328	52.022	0.1238	26.288	0
"2011-04-24"	08:00:00"	8.9036	8.8861	50.022	51.629	56.336	26.311	0
"2011-04-24"	09:00:00"	8.5985	17.399	54.093	45.604	251.14	26.323	0
"2011-04-24"	10:00:00"	7.1532	17.583	58.301	43.784	478	26.326	0
"2011-04-24"	11:00:00"	5.1549	15.766	62.295	40.271	613.4	26.341	0
"2011-04-24"	12:00:00"	3.4809	119.52	66.881	35.218	856.54	26.329	0
"2011-04-24"	13:00:00"	4.61	261.04	74.645	24.203	1025.5	26.308	0
"2011-04-24"	14:00:00"	10.241	257.78	80.187	16.405	1076.8	26.288	0
"2011-04-24"	15:00:00"	9.4293	241.85	82.584	14.203	1051.2	26.252	0
"2011-04-24"	16:00:00"	14.1	243.24	84.727	10.875	951.51	26.214	0
"2011-04-24"	17:00:00"	15.64	238.6	86.076	9.8064	790.73	26.19	0
"2011-04-24"	18:00:00"	16.889	234.54	85.695	8.9742	587.01	26.181	0
"2011-04-24"	19:00:00"	16.345	229.91	84.365	8.6219	351.82	26.178	0
"2011-04-24"	20:00:00"	15.345	226.99	81.792	9.4536	118.01	26.178	0
"2011-04-24"	21:00:00"	6.7947	236.92	77.853	10.269	5.6738	26.193	0
"2011-04-24"	22:00:00"	0.98487	235.54	71.11	12.82	0.05787	26.202	0
"2011-04-24"	23:00:00"	1.4416	259.18	69.255	13.709	0.05066	26.205	0
"2011-04-25"	00:00:00"	1.3726	340.19	64.791	15.897	0.0797	26.196	0
"2011-04-25"	01:00:00"	5.3432	221.53	67.018	15.24	0.05957	26.205	0
"2011-04-25"	02:00:00"	4.0756	197.42	65.466	15.523	0.08416	26.208	0
"2011-04-25"	03:00:00"	5.4395	215.72	63.618	16.802	0.06995	26.196	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-25	04:00:00"	5.8111	223.77	62.338	17.505	0.05935	26.193	0
"2011-04-25	05:00:00"	2.9155	261.73	59.164	20.548	0.06614	26.193	0
"2011-04-25	06:00:00"	5.7371	268.67	64.012	18.515	0.06381	26.196	0
"2011-04-25	07:00:00"	9.7164	267.92	66.447	17.785	0.17319	26.205	0
"2011-04-25	08:00:00"	8.6302	258.3	66.554	19.308	50.491	26.217	0
"2011-04-25	09:00:00"	10.803	275.8	68.48	19.591	241.78	26.237	0
"2011-04-25	10:00:00"	12.254	308.27	69.463	17.806	474.81	26.237	0
"2011-04-25	11:00:00"	15.412	290.68	72.373	15.988	680.54	26.24	0
"2011-04-25	12:00:00"	12.324	298.63	74.167	14.088	854.86	26.237	0
"2011-04-25	13:00:00"	12.114	279.87	75.984	12.719	1007.4	26.211	0
"2011-04-25	14:00:00"	15.358	287.04	77.787	10.632	1053.8	26.196	0
"2011-04-25	15:00:00"	16.362	287.26	79.461	9.8158	1066.8	26.181	0
"2011-04-25	16:00:00"	16.1	285.63	80.518	9.3003	969.66	26.161	0
"2011-04-25	17:00:00"	14.433	276.32	81.779	8.6075	806.63	26.14	0
"2011-04-25	18:00:00"	16.128	292.53	82.251	8.2436	601.76	26.137	0
"2011-04-25	19:00:00"	13.34	304.6	82.047	8.3417	364.55	26.137	0
"2011-04-25	20:00:00"	11.205	297.86	80.669	8.4036	139.88	26.128	0
"2011-04-25	21:00:00"	3.6145	316.37	74.269	10.266	8.749	26.125	0
"2011-04-25	22:00:00"	1.5478	282.44	68.46	12.562	0.07038	26.137	0
"2011-04-25	23:00:00"	2.2786	310.75	65.707	13.712	0.07419	26.14	0
"2011-04-26	00:00:00"	3.1184	269.64	65.11	14.944	0.07398	26.143	0
"2011-04-26	01:00:00"	2.9911	309.22	64.263	15.375	0.08012	26.128	0
"2011-04-26	02:00:00"	2.5688	205.36	64.928	16.417	0.09412	26.119	0
"2011-04-26	03:00:00"	3.8892	101.57	59.413	20.063	0.06868	26.099	0
"2011-04-26	04:00:00"	3.8718	88.246	54.922	30.82	0.07695	26.09	0
"2011-04-26	05:00:00"	4.0414	82.487	51.829	42.894	0.08055	26.09	0
"2011-04-26	06:00:00"	3.1038	144.48	50.264	50.043	0.07462	26.09	0
"2011-04-26	07:00:00"	2.5364	140.14	49.623	55.284	0.23805	26.081	0
"2011-04-26	08:00:00"	2.8372	235.34	50.941	50.121	55.539	26.078	0
"2011-04-26	09:00:00"	3.6307	268.6	59.499	30.457	254.55	26.078	0
"2011-04-26	10:00:00"	10.88	272.35	70.956	15.163	495.61	26.081	0
"2011-04-26	11:00:00"	16.239	273.33	75.65	12.586	711.76	26.075	0
"2011-04-26	12:00:00"	14.764	268.64	77.515	11.549	895.45	26.06	0
"2011-04-26	13:00:00"	13.616	271.68	79.146	10.471	1035	26.031	0
"2011-04-26	14:00:00"	14.343	275.86	80.916	9.6931	1084	26.01	0
"2011-04-26	15:00:00"	13.773	259.29	82.241	9.4358	1056.6	25.992	0
"2011-04-26	16:00:00"	16.965	263.44	83.04	8.9886	955.97	25.966	0
"2011-04-26	17:00:00"	17.274	266.8	83.621	8.962	789.22	25.933	0
"2011-04-26	18:00:00"	19.691	272.4	84.001	8.8845	564.05	25.927	0
"2011-04-26	19:00:00"	18.929	270.22	83.999	8.1433	320.59	25.918	0
"2011-04-26	20:00:00"	16.623	270.9	82.929	7.7689	112.09	25.936	0
"2011-04-26	21:00:00"	14.351	300.57	78.757	7.2931	6.671	25.992	0
"2011-04-26	22:00:00"	10.549	321.29	72.692	6.4272	0.0973	26.043	0
"2011-04-26	23:00:00"	6.5331	334.44	66.714	10.339	0.10832	26.078	0
"2011-04-27	00:00:00"	8.816	337.08	64.7	15.101	0.10048	26.105	0
"2011-04-27	01:00:00"	10.014	326.91	61.053	18.4	0.09709	26.131	0
"2011-04-27	02:00:00"	15.094	329.15	59.938	21.65	0.12613	26.155	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-27"	03:00:00"	19.187	339.44	58.417	22.634	0.12443	26.164	0
"2011-04-27"	04:00:00"	18.609	334.53	56.212	22.716	0.1132	26.181	0
"2011-04-27"	05:00:00"	21.678	333.93	54.852	18.712	0.10959	26.196	0
"2011-04-27"	06:00:00"	26.606	331.78	54.154	16.236	0.11828	26.232	0
"2011-04-27"	07:00:00"	24.785	325.75	52.681	16.252	0.36694	26.246	0
"2011-04-27"	08:00:00"	23.671	321	52.196	16.201	67.19	26.294	0
"2011-04-27"	09:00:00"	24.932	324.09	53.878	14.572	277.5	26.335	0
"2011-04-27"	10:00:00"	23.424	329.3	56.805	13.839	523.06	26.353	0
"2011-04-27"	11:00:00"	20.446	332.64	58.688	15.603	750.58	26.376	0
"2011-04-27"	12:00:00"	17.878	329.85	61.341	17.393	933.88	26.4	0
"2011-04-27"	13:00:00"	16.441	324.87	63.907	15.785	1059	26.406	0
"2011-04-27"	14:00:00"	14.83	325.54	65.925	14.756	1110.9	26.403	0
"2011-04-27"	15:00:00"	11.035	316.7	67.603	13.918	1085.1	26.4	0
"2011-04-27"	16:00:00"	11.729	335.94	69.168	13.769	985.47	26.397	0
"2011-04-27"	17:00:00"	8.7272	320.09	70.612	12.817	825.69	26.385	0
"2011-04-27"	18:00:00"	8.3661	345.66	71.355	11.848	621.57	26.397	0
"2011-04-27"	19:00:00"	7.984	320.19	72.082	9.6333	387.49	26.412	0
"2011-04-27"	20:00:00"	6.3206	310.6	71.323	8.8625	157.39	26.423	0
"2011-04-27"	21:00:00"	2.7645	20.406	65.709	11.274	12.855	26.441	0
"2011-04-27"	22:00:00"	5.4233	78.575	60.802	18.964	0.10832	26.474	0
"2011-04-27"	23:00:00"	7.3191	88.341	57.235	28.955	0.13439	26.5	0
"2011-04-28"	00:00:00"	5.7645	91.525	53.444	35.212	0.08712	26.503	0
"2011-04-28"	01:00:00"	4.8754	97.468	51.556	38.62	0.13001	26.515	0
"2011-04-28"	02:00:00"	4.7839	87.491	49.752	42.158	0.12931	26.521	0
"2011-04-28"	03:00:00"	4.5689	78.141	48.435	45.058	0.13016	26.521	0
"2011-04-28"	04:00:00"	4.8914	19.707	45.085	50.944	0.15686	26.536	0
"2011-04-28"	05:00:00"	5.5066	347.01	41.207	57.823	0.14669	26.556	0
"2011-04-28"	06:00:00"	6.7574	347.4	40.445	62.222	0.15623	26.568	0
"2011-04-28"	07:00:00"	9.0322	352.48	40.38	65.779	0.49222	26.595	0
"2011-04-28"	08:00:00"	4.8225	13.194	42.12	64.874	63.189	26.618	0
"2011-04-28"	09:00:00"	8.4643	110.52	51.559	55.127	262.77	26.624	0
"2011-04-28"	10:00:00"	10.125	129.26	56.844	46.967	501.97	26.63	0
"2011-04-28"	11:00:00"	10.73	136.78	61.622	35.057	724.41	26.627	0
"2011-04-28"	12:00:00"	11.933	144.37	64.952	30.112	909.18	26.621	0
"2011-04-28"	13:00:00"	9.9935	142.97	67.683	26.584	1036	26.598	0
"2011-04-28"	14:00:00"	10.169	163.52	70.719	21.714	1091.2	26.574	0
"2011-04-28"	15:00:00"	11.009	146.34	73.895	17.293	1070.3	26.539	0
"2011-04-28"	16:00:00"	9.5399	155.5	76.497	14.112	970.45	26.506	0
"2011-04-28"	17:00:00"	9.3467	178.5	78.427	12.498	812.08	26.477	0
"2011-04-28"	18:00:00"	9.8705	187.97	79.526	11.454	606.77	26.459	0
"2011-04-28"	19:00:00"	10.059	182.99	79.511	11.771	371.88	26.444	0
"2011-04-28"	20:00:00"	8.8713	181.54	79.023	11.922	130.34	26.435	0
"2011-04-28"	21:00:00"	7.3334	159.09	75.157	13.804	13.336	26.432	0
"2011-04-28"	22:00:00"	8.3046	153.95	71.052	16.418	0.09221	26.432	0
"2011-04-28"	23:00:00"	10.937	153.77	69.091	20.249	0.1204	26.432	0
"2011-04-29"	00:00:00"	9.9239	152.98	66.998	23.962	0.1115	26.426	0
"2011-04-29"	01:00:00"	7.4847	161.63	64.074	28.322	0.09132	26.418	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-04-29	02:00:00"	8.4687	157.1	63.01	32.489	0.10557	26.385	0
"2011-04-29	03:00:00"	11.219	170.48	63.85	33.441	0.09158	26.353	0
"2011-04-29	04:00:00"	12.832	179.65	62.882	34.882	0.11002	26.323	0
"2011-04-29	05:00:00"	13.313	183.37	61.913	36.481	0.10133	26.305	0
"2011-04-29	06:00:00"	12.639	188.97	61.005	37.92	0.09666	26.288	0
"2011-04-29	07:00:00"	10.69	188.47	59.284	41.801	0.47038	26.296	0
"2011-04-29	08:00:00"	10.302	193.65	58.083	45.623	59.588	26.302	0
"2011-04-29	09:00:00"	13.712	190.37	60.983	44.451	256.73	26.308	0
"2011-04-29	10:00:00"	16.803	189.31	65.89	38.331	502.68	26.296	0
"2011-04-29	11:00:00"	17.422	190.37	70.586	31.28	728.16	26.294	0
"2011-04-29	12:00:00"	16.868	190.54	75.883	24.329	916.2	26.267	0
"2011-04-29	13:00:00"	17.953	193.5	81.108	18.063	1045.9	26.237	0
"2011-04-29	14:00:00"	16.259	211.24	87.634	10.964	1092.8	26.196	0
"2011-04-29	15:00:00"	19.212	226.43	92.482	6.2778	1077.3	26.178	0
"2011-04-29	16:00:00"	18.245	239.05	94.978	4.4953	979.81	26.146	0
"2011-04-29	17:00:00"	20.741	231.34	95.4	3.8992	815.5	26.116	0
"2011-04-29	18:00:00"	18.386	240.48	95.169	3.6514	614.33	26.107	0
"2011-04-29	19:00:00"	18.017	233.69	93.694	3.942	373.27	26.096	0
"2011-04-29	20:00:00"	14.756	236.24	91.784	3.9725	134.96	26.09	0
"2011-04-29	21:00:00"	9.5722	233.8	88.17	4.1942	6.996	26.105	0
"2011-04-29	22:00:00"	4.3732	235.7	83.146	4.8172	0.09942	26.113	0
"2011-04-29	23:00:00"	5.4345	200.19	76.672	6.4556	0.08288	26.14	0
"2011-04-30	00:00:00"	9.0732	178.75	76.132	22.755	0.1026	26.149	0
"2011-04-30	01:00:00"	7.8726	193.31	72.231	33.966	0.09597	26.164	0
"2011-04-30	02:00:00"	4.7672	211.35	69.526	39.268	0.08818	26.164	0
"2011-04-30	03:00:00"	5.6209	210.29	66.394	44.826	0.12634	26.161	0
"2011-04-30	04:00:00"	5.1717	224.05	64.343	48.585	0.10896	26.152	0
"2011-04-30	05:00:00"	4.2719	236.51	62.858	46.946	0.09115	26.161	0
"2011-04-30	06:00:00"	1.9287	265.96	58.627	43.057	0.12168	26.172	0
"2011-04-30	07:00:00"	3.4064	286.43	59.948	24.104	0.53164	26.196	0
"2011-04-30	08:00:00"	7.8982	289.57	67.07	13.696	73.201	26.226	0
"2011-04-30	09:00:00"	8.9844	318.49	70.073	12.118	278.41	26.255	0
"2011-04-30	10:00:00"	15.245	35.071	62.307	26.089	514.92	26.276	0
"2011-04-30	11:00:00"	15.777	29.629	61.999	27.891	731.56	26.285	0
"2011-04-30	12:00:00"	15.12	39.755	64.943	23.723	916.46	26.294	0
"2011-04-30	13:00:00"	12.466	42.165	68.327	19.116	1043.1	26.273	0
"2011-04-30	14:00:00"	10.013	64.321	72.2	15.271	1092.4	26.255	0
"2011-04-30	15:00:00"	8.1629	65.544	75.275	13.277	1065	26.243	0
"2011-04-30	16:00:00"	6.4125	62.675	77.873	11.721	962.55	26.217	0
"2011-04-30	17:00:00"	6.1826	96.767	80.007	10.496	798.74	26.193	0
"2011-04-30	18:00:00"	5.1095	109.19	82.02	9.3031	593.02	26.175	0
"2011-04-30	19:00:00"	9.2417	67.662	82.303	9.8475	366.48	26.169	0
"2011-04-30	20:00:00"	6.8755	70.319	81.516	9.8722	146.92	26.167	0
"2011-04-30	21:00:00"	10.381	73.844	76.467	12.216	10.716	26.178	0
"2011-04-30	22:00:00"	13.381	87.759	72.279	14.507	0.11383	26.187	0
"2011-04-30	23:00:00"	15.665	99.114	69.996	16.272	0.09327	26.214	0
"2011-05-01	00:00:00"	16.689	105.63	68.113	19.541	0.092	26.234	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-01	01:00:00"	16.84	105.34	66.086	24.594	0.09475	26.232	0
"2011-05-01	02:00:00"	15.613	95.62	64.474	28.909	0.10048	26.226	0
"2011-05-01	03:00:00"	13.688	87.393	62.736	33.595	0.12337	26.232	0
"2011-05-01	04:00:00"	12.018	65.732	59.925	38.181	0.13545	26.252	0
"2011-05-01	05:00:00"	11.78	50.084	57.636	43.627	0.12252	26.273	0
"2011-05-01	06:00:00"	12.518	44.171	56.37	43.701	0.13588	26.291	0
"2011-05-01	07:00:00"	19.693	52.814	55.768	39.388	0.32051	26.317	0
"2011-05-01	08:00:00"	23.781	56.951	52.183	38.923	51.21	26.356	0
"2011-05-01	09:00:00"	24.289	55.921	50.441	39.005	159.88	26.385	0
"2011-05-01	10:00:00"	25.226	51.892	50.066	37.831	262.75	26.423	0
"2011-05-01	11:00:00"	24.457	53.237	49.711	39.209	340.03	26.435	0
"2011-05-01	12:00:00"	23.105	50.776	51.868	37.827	810.88	26.441	0
"2011-05-01	13:00:00"	22.067	64.335	52.164	41.747	808.71	26.444	0
"2011-05-01	14:00:00"	19.315	61.295	52.747	43.869	782.29	26.444	0
"2011-05-01	15:00:00"	17.421	65.565	54.403	41.862	901.77	26.429	0
"2011-05-01	16:00:00"	15.968	58.024	54.061	41.873	502.13	26.438	0
"2011-05-01	17:00:00"	15.211	67.682	54.713	41.459	669.6	26.426	0
"2011-05-01	18:00:00"	16.026	59.042	55.062	39.594	590.91	26.409	0
"2011-05-01	19:00:00"	15.084	56.061	54.648	40.026	358.99	26.418	0
"2011-05-01	20:00:00"	14.09	48.914	52.793	42.916	137.89	26.438	0
"2011-05-01	21:00:00"	10.803	52.911	50.376	46.401	9.2747	26.468	0
"2011-05-01	22:00:00"	8.8558	57.661	48.692	50.205	0.15305	26.506	0
"2011-05-01	23:00:00"	7.4919	39.113	47.089	52.988	0.14118	26.55	0
"2011-05-02	00:00:00"	5.898	13.104	44.771	57.864	0.15284	26.562	0
"2011-05-02	01:00:00"	7.0376	345.81	40.996	64.409	0.12676	26.565	0
"2011-05-02	02:00:00"	8.9633	342.74	41.377	63.241	0.19311	26.562	0
"2011-05-02	03:00:00"	9.2019	336.84	42.246	60.086	0.16216	26.559	0
"2011-05-02	04:00:00"	5.4047	318.25	38.628	66.621	0.12274	26.583	0
"2011-05-02	05:00:00"	7.0544	324.19	37.055	69.492	0.18167	26.601	0
"2011-05-02	06:00:00"	6.4343	321.99	36.612	69.89	0.18167	26.612	0
"2011-05-02	07:00:00"	8.3344	327.75	37.703	67.778	0.63551	26.63	0
"2011-05-02	08:00:00"	8.3581	333.7	38.679	63.126	66.464	26.66	0
"2011-05-02	09:00:00"	8.2773	350.36	45.529	48.276	273.24	26.68	0
"2011-05-02	10:00:00"	8.9303	14.183	49.64	38.115	502.1	26.692	0
"2011-05-02	11:00:00"	9.9071	35.384	51.929	31.974	724.23	26.707	0
"2011-05-02	12:00:00"	9.8438	17.114	53.974	29.85	914.73	26.704	0
"2011-05-02	13:00:00"	10.282	8.2058	56.499	26.003	1069.8	26.698	0
"2011-05-02	14:00:00"	11.317	10.281	58.05	24.719	900.22	26.686	0
"2011-05-02	15:00:00"	10.901	1.6691	59.542	22.482	904.11	26.68	0
"2011-05-02	16:00:00"	10.866	359.63	61.362	20.223	976.49	26.663	0
"2011-05-02	17:00:00"	11.431	350.05	62.803	18.002	875.36	26.654	0
"2011-05-02	18:00:00"	12.996	339.86	62.989	16.968	587.7	26.654	0
"2011-05-02	19:00:00"	13.853	352.7	63.257	15.436	393.92	26.66	0
"2011-05-02	20:00:00"	10.394	346.03	61.903	15.658	163.28	26.672	0
"2011-05-02	21:00:00"	5.5724	355.52	57.781	16.557	15.862	26.686	0
"2011-05-02	22:00:00"	4.8194	353.26	50.582	21.351	0.14033	26.707	0
"2011-05-02	23:00:00"	7.1812	353.61	47.15	25.74	0.14648	26.736	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-03	00:00:00"	6.8357	353.8	45.097	30.149	0.14309	26.742	0
"2011-05-03	01:00:00"	7.605	353.63	43.985	33.213	0.14184	26.748	0
"2011-05-03	02:00:00"	6.8842	351.28	41.978	36.276	0.15263	26.751	0
"2011-05-03	03:00:00"	5.8036	352.95	41.165	38.359	0.14372	26.751	0
"2011-05-03	04:00:00"	4.92	339.04	39.562	40.859	0.14627	26.751	0
"2011-05-03	05:00:00"	4.1762	298.6	37.191	44.697	0.14711	26.754	0
"2011-05-03	06:00:00"	3.461	294.29	36.623	46.49	0.17255	26.751	0
"2011-05-03	07:00:00"	3.727	285	34.589	50.161	0.91066	26.763	0
"2011-05-03	08:00:00"	1.6653	327.63	39.575	45.134	77.219	26.784	0
"2011-05-03	09:00:00"	8.4047	167.51	48.784	36.181	284.16	26.796	0
"2011-05-03	10:00:00"	11.58	201.37	53.604	31.849	527.36	26.807	0
"2011-05-03	11:00:00"	10.509	207.3	57.293	28.245	751.34	26.81	0
"2011-05-03	12:00:00"	8.5395	208.08	60.219	23.991	934.83	26.796	0
"2011-05-03	13:00:00"	6.7891	210.79	63.09	19.232	1059.8	26.778	0
"2011-05-03	14:00:00"	7.2564	184.89	64.521	16.925	1111.4	26.748	0
"2011-05-03	15:00:00"	7.7404	176.1	66.462	14.657	1087.8	26.728	0
"2011-05-03	16:00:00"	8.4376	185.18	67.584	13.946	988.87	26.701	0
"2011-05-03	17:00:00"	8.1468	169.82	68.863	12.936	829.56	26.677	0
"2011-05-03	18:00:00"	8.2549	171.14	69.09	12.028	625.38	26.666	0
"2011-05-03	19:00:00"	8.6339	168.53	69.191	10.852	392.24	26.657	0
"2011-05-03	20:00:00"	8.043	186.26	68.523	10.949	164.06	26.651	0
"2011-05-03	21:00:00"	6.5505	188.78	65.931	11.77	15.755	26.654	0
"2011-05-03	22:00:00"	4.6056	171.64	60.841	14.071	0.09242	26.672	0
"2011-05-03	23:00:00"	6.3796	164.35	58.043	16.604	0.14287	26.677	0
"2011-05-04	01:00:00"	6.3717	161.92	54.915	18.334	0.15052	26.672	0
"2011-05-04	02:00:00"	7.6081	153.52	53.062	19.471	0.14796	26.672	0
"2011-05-04	03:00:00"	8.455	145.12	52.194	20.223	0.13249	26.66	0
"2011-05-04	04:00:00"	8.6414	147.03	50.577	21.603	0.1698	26.654	0
"2011-05-04	05:00:00"	9.2137	149.51	50.065	24.352	0.13885	26.645	0
"2011-05-04	06:00:00"	8.281	137.04	48.313	28.664	0.15538	26.648	0
"2011-05-04	07:00:00"	8.3114	149.84	47.59	31.794	0.75719	26.651	0
"2011-05-04	08:00:00"	5.8191	144.03	47.158	33.788	69.034	26.657	0
"2011-05-04	09:00:00"	12.511	157.53	52.164	31.459	275.71	26.663	0
"2011-05-04	10:00:00"	19.222	168.79	57.962	27.626	473.35	26.66	0
"2011-05-04	11:00:00"	17.142	173.39	62.015	24.001	735.92	26.657	0
"2011-05-04	12:00:00"	15.996	183.37	65.457	20.647	884.99	26.651	0
"2011-05-04	13:00:00"	12.442	184.65	68.897	17.442	864.68	26.627	0
"2011-05-04	14:00:00"	13.819	177.04	72.748	14.064	1120.7	26.586	0
"2011-05-04	15:00:00"	13.817	177.75	75.597	13.026	1085.7	26.574	0
"2011-05-04	16:00:00"	13.1	187.16	76.802	13.245	972.16	26.547	0
"2011-05-04	17:00:00"	14.342	180.84	77.765	13.448	845.91	26.521	0
"2011-05-04	18:00:00"	14.61	181.47	78.385	13.187	556.13	26.509	0
"2011-05-04	19:00:00"	14.705	173.87	77.512	13.669	255.42	26.497	0
"2011-05-04	20:00:00"	15.209	163.44	76.364	14.316	122.48	26.494	0
"2011-05-04	21:00:00"	15.335	156.85	73.656	16.536	10.399	26.503	0
"2011-05-04	22:00:00"	16.015	158.28	70.681	18.89	0.08797	26.515	0
"2011-05-04	23:00:00"	14.702	156.72	67.525	23.081	0.09984	26.53	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-05	00:00:00"	12.496	162.66	64.712	26.504	0.13185	26.524	0
"2011-05-05	01:00:00"	8.8585	170.01	62.719	28.733	0.11563	26.512	0
"2011-05-05	02:00:00"	9.7798	174.97	61.922	31.34	0.11807	26.503	0
"2011-05-05	03:00:00"	7.8858	182.48	60.162	37.13	0.09454	26.48	0
"2011-05-05	04:00:00"	8.0001	190.01	59.462	39.646	0.11256	26.471	0
"2011-05-05	05:00:00"	7.5994	196.86	58.43	41.267	0.13058	26.462	0
"2011-05-05	06:00:00"	4.8442	209.5	56.736	43.549	0.10557	26.465	0
"2011-05-05	07:00:00"	6.8618	308.35	54.947	46.351	0.42438	26.53	0
"2011-05-05	08:00:00"	7.8908	12.096	52.934	48.13	31.441	26.571	0
"2011-05-05	09:00:00"	17.13	16.451	53.139	45.276	225.14	26.598	0
"2011-05-05	10:00:00"	17.425	19.279	57.364	37.805	473.5	26.621	0
"2011-05-05	11:00:00"	16.633	22.431	61.482	31.561	695.66	26.639	0
"2011-05-05	12:00:00"	16.121	22.095	64.817	27.424	786.19	26.639	0
"2011-05-05	13:00:00"	16.1	27.858	69.007	23.383	1020	26.627	0
"2011-05-05	14:00:00"	14.054	30.035	71.775	21.694	1040.9	26.624	0
"2011-05-05	15:00:00"	11.7	43.7	73.322	20.782	1060.5	26.607	0
"2011-05-05	16:00:00"	11.425	43.296	75.275	18.97	969.04	26.58	0
"2011-05-05	17:00:00"	11.454	61.925	76.301	18.022	812.41	26.553	0
"2011-05-05	18:00:00"	11.2	64.033	76.63	17.124	615.59	26.536	0
"2011-05-05	19:00:00"	10.604	78.383	76.821	16.737	389.09	26.53	0
"2011-05-05	20:00:00"	10.148	87.843	76.134	16.402	168.07	26.53	0
"2011-05-05	21:00:00"	6.4517	95.906	72.397	18.816	17.537	26.533	0
"2011-05-05	22:00:00"	5.2841	94.208	66.612	22.679	0.10917	26.55	0
"2011-05-05	23:00:00"	4.843	100.4	62.208	25.815	0.11701	26.556	0
"2011-05-06	00:00:00"	5.3553	92.276	60.143	27.605	0.12655	26.553	0
"2011-05-06	01:00:00"	6.0912	92.484	58.597	28.084	0.11732	26.542	0
"2011-05-06	02:00:00"	5.5538	95.791	56.65	29.587	0.11299	26.536	0
"2011-05-06	03:00:00"	6.0348	99.625	57.118	29.5	0.1238	26.512	0
"2011-05-06	04:00:00"	6.7922	96.338	56.32	30.571	0.15051	26.494	0
"2011-05-06	05:00:00"	7.0296	95.594	55.84	31.731	0.11722	26.477	0
"2011-05-06	06:00:00"	7.5583	105.9	56.217	32.003	0.13863	26.459	0
"2011-05-06	07:00:00"	6.2603	101.38	55.183	33.462	0.56217	26.447	0
"2011-05-06	08:00:00"	5.3357	99.367	55.002	34.747	60.775	26.456	0
"2011-05-06	09:00:00"	8.3115	123.69	61.218	33.265	244.94	26.459	0
"2011-05-06	10:00:00"	10.788	165.85	66.714	34.533	478.88	26.462	0
"2011-05-06	11:00:00"	10.542	187.42	71.839	31.694	699.79	26.45	0
"2011-05-06	12:00:00"	11.431	191.13	76.886	25.539	884.44	26.432	0
"2011-05-06	13:00:00"	10.989	216.3	81.471	20.151	1011.6	26.418	0
"2011-05-06	14:00:00"	10.951	213.58	84.977	17.391	1068.3	26.388	0
"2011-05-06	15:00:00"	12.231	203.87	86.335	16.199	1055.2	26.361	0
"2011-05-06	16:00:00"	11.576	203.55	88.228	13.439	975.95	26.323	0
"2011-05-06	17:00:00"	11.167	204.48	89.393	10.757	770.39	26.296	0
"2011-05-06	18:00:00"	10.413	215.72	90.275	8.7161	561.13	26.282	0
"2011-05-06	19:00:00"	8.7632	257.57	88.346	9.5816	202.93	26.279	0
"2011-05-06	20:00:00"	10.652	218.33	86.065	12.089	132.33	26.276	0
"2011-05-06	21:00:00"	13.054	175.1	80.687	17.155	15.158	26.282	0
"2011-05-06	22:00:00"	7.9585	174.61	76.344	20.189	0.09285	26.291	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-06	23:00:00"	9.5766	177.52	73.333	23.548	0.06529	26.302	0
"2011-05-07	00:00:00"	13.773	182.37	70.823	30.931	0.0744	26.314	0
"2011-05-07	01:00:00"	10.684	194.18	67.956	36.75	0.1115	26.314	0
"2011-05-07	02:00:00"	14.221	187.59	66.353	43.458	0.0973	26.314	0
"2011-05-07	03:00:00"	8.972	190.48	63.966	49.098	0.10154	26.302	0
"2011-05-07	04:00:00"	7.1072	194.56	61.946	53.346	0.11722	26.291	0
"2011-05-07	05:00:00"	4.1501	212.03	59.893	57.34	0.10663	26.291	0
"2011-05-07	06:00:00"	3.6325	214.66	58.184	61.076	0.1221	26.291	0
"2011-05-07	07:00:00"	4.6615	225.63	56.463	64.871	0.64802	26.296	0
"2011-05-07	08:00:00"	6.1155	226.03	55.422	67.068	66.015	26.32	0
"2011-05-07	09:00:00"	6.2025	225.22	58.309	61.118	264.08	26.341	0
"2011-05-07	10:00:00"	6.6468	232.24	67.85	41.592	507.39	26.35	0
"2011-05-07	11:00:00"	6.9935	264.19	79.645	17.098	735.9	26.347	0
"2011-05-07	12:00:00"	9.0024	301.11	85.432	8.7547	920.66	26.338	0
"2011-05-07	13:00:00"	7.2707	294.99	89.57	8.1939	1050.6	26.323	0
"2011-05-07	14:00:00"	6.381	271.98	92.904	5.4008	1110	26.308	0
"2011-05-07	15:00:00"	8.7532	242.36	94.352	4.37	1092.4	26.294	0
"2011-05-07	16:00:00"	9.2236	269	94.938	3.3447	1008	26.279	0
"2011-05-07	17:00:00"	8.4438	265.25	95.289	3.1767	856.9	26.255	0
"2011-05-07	18:00:00"	7.8833	260.21	95.244	3.2547	648.24	26.246	0
"2011-05-07	19:00:00"	11.065	269.17	94.46	2.6992	420.51	26.243	0
"2011-05-07	20:00:00"	8.1033	255.07	92.12	2.695	179.7	26.252	0
"2011-05-07	21:00:00"	1.5217	250.87	84.966	3.6906	16.727	26.261	0
"2011-05-07	22:00:00"	2.785	226.79	81.112	4.4989	0.06508	26.276	0
"2011-05-07	23:00:00"	2.3587	227.8	76.957	5.0314	0.11489	26.282	0
"2011-05-08	00:00:00"	1.1899	267.31	73.72	5.5811	0.11235	26.276	0
"2011-05-08	01:00:00"	1.8893	245.45	73.479	6.01	0.10654	26.276	0
"2011-05-08	02:00:00"	1.1825	314.34	71.053	6.7261	0.08818	26.267	0
"2011-05-08	03:00:00"	7.3707	166.84	70.229	18.952	0.11616	26.27	0
"2011-05-08	04:00:00"	5.6371	183.13	66.646	34.094	0.09921	26.264	0
"2011-05-08	05:00:00"	5.5855	209.7	65.931	43.193	0.10747	26.279	0
"2011-05-08	06:00:00"	4.3235	229.19	62.993	44.133	0.12019	26.276	0
"2011-05-08	07:00:00"	5.1673	218.36	62.84	49.257	0.81167	26.282	0
"2011-05-08	08:00:00"	4.4546	226.17	62.191	52.299	72.271	26.299	0
"2011-05-08	09:00:00"	2.7365	230.89	64.899	46.672	273.01	26.299	0
"2011-05-08	10:00:00"	4.9001	251.16	76.462	18.459	514.83	26.311	0
"2011-05-08	11:00:00"	7.2769	268.83	85.813	5.542	753.15	26.305	0
"2011-05-08	12:00:00"	9.8556	280.33	90.681	3.2644	949.04	26.291	0
"2011-05-08	13:00:00"	10.051	274.32	91.909	2.7772	1060.1	26.279	0
"2011-05-08	14:00:00"	11.743	245.62	93.349	2.6283	1114	26.255	0
"2011-05-08	15:00:00"	10.646	257.57	94.113	2.4839	1066.9	26.229	0
"2011-05-08	16:00:00"	11.946	237.04	95.774	2.1131	1054.6	26.211	0
"2011-05-08	17:00:00"	14.108	234.19	95.236	2.037	872.36	26.19	0
"2011-05-08	18:00:00"	16.257	230.7	94.661	2.2922	669.4	26.181	0
"2011-05-08	19:00:00"	15.283	232.77	94.007	2.2631	433.69	26.175	0
"2011-05-08	20:00:00"	12.435	242.43	91.999	2.3017	194.7	26.175	0
"2011-05-08	21:00:00"	8.5041	261.04	87.132	2.5428	25.624	26.187	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-08	22:00:00"	5.7477	283.74	81.298	3.0017	0.10196	26.202	0
"2011-05-08	23:00:00"	3.9327	289.53	76.93	3.3986	0.07801	26.205	0
"2011-05-09	00:00:00"	2.1065	5.5948	68.537	4.8031	0.09242	26.19	0
"2011-05-09	01:00:00"	8.5892	259.17	72.957	5.5464	0.10111	26.223	0
"2011-05-09	02:00:00"	7.6068	169.8	71.795	36.868	0.09348	26.217	0
"2011-05-09	03:00:00"	5.3941	185.81	68.318	53.214	0.07737	26.211	0
"2011-05-09	04:00:00"	4.8628	191.02	67.004	57.531	0.11087	26.211	0
"2011-05-09	05:00:00"	3.1348	181.15	64.772	57.404	0.10684	26.214	0
"2011-05-09	06:00:00"	3.1106	247.37	65.147	55.666	0.10535	26.22	0
"2011-05-09	07:00:00"	2.657	224.2	62.955	59.367	0.94882	26.232	0
"2011-05-09	08:00:00"	3.2976	196.06	63.688	56.408	74.171	26.246	0
"2011-05-09	09:00:00"	3.878	244.33	68.871	40.69	286.5	26.252	0
"2011-05-09	10:00:00"	6.2504	262.94	79.394	11.672	541.96	26.258	0
"2011-05-09	11:00:00"	7.9747	266.43	84.075	5.027	734.01	26.246	0
"2011-05-09	12:00:00"	9.1944	244.06	86.219	4.0467	853.75	26.234	0
"2011-05-09	13:00:00"	12.173	237.34	88.911	3.225	1066.3	26.22	0
"2011-05-09	14:00:00"	13.39	237.64	90.638	3.445	1130.8	26.202	0
"2011-05-09	15:00:00"	14.876	241.99	92.214	4.0992	1106.5	26.187	0
"2011-05-09	16:00:00"	15.291	240.75	93.727	3.8039	1028	26.161	0
"2011-05-09	17:00:00"	14.584	245.6	93.316	3.5389	737.43	26.14	0
"2011-05-09	18:00:00"	13.96	233.66	91.577	3.5181	430.93	26.128	0
"2011-05-09	19:00:00"	11.15	247.89	90.48	3.8617	269.05	26.125	0
"2011-05-09	20:00:00"	7.595	243.4	87.817	4.5772	92.383	26.119	0
"2011-05-09	21:00:00"	4.7808	216.56	85.392	4.8656	24.065	26.125	0
"2011-05-09	22:00:00"	4.8834	198.14	82.904	5.2714	0.09666	26.143	0
"2011-05-09	23:00:00"	5.0822	182.91	79.117	5.8614	0.10896	26.158	0
"2011-05-10	00:00:00"	4.0389	193.73	75.405	6.6617	0.11044	26.169	0
"2011-05-10	01:00:00"	4.4342	224.05	72.929	7.3169	0.09153	26.169	0
"2011-05-10	02:00:00"	9.1553	175.92	74.156	16.563	0.09836	26.181	0
"2011-05-10	03:00:00"	2.2127	276.8	72.54	15.693	0.11299	26.172	0
"2011-05-10	04:00:00"	1.2247	26.219	69.964	15.96	0.07864	26.169	0
"2011-05-10	05:00:00"	1.3422	315.36	67.46	14.604	0.10832	26.169	0
"2011-05-10	06:00:00"	1.221	343.31	65.42	13.76	0.09285	26.181	0
"2011-05-10	07:00:00"	1.1582	336.09	60.669	14.299	0.41781	26.187	0
"2011-05-10	08:00:00"	2.1667	312.05	59.364	14.727	38.48	26.205	0
"2011-05-10	09:00:00"	2.5371	257.2	64.26	13.898	112.16	26.217	0
"2011-05-10	10:00:00"	3.4132	250.72	70.179	11.943	430.3	26.22	0
"2011-05-10	11:00:00"	11.934	234.49	82.443	9.9072	748.97	26.223	0
"2011-05-10	12:00:00"	14.97	237.45	85.435	9.8711	935.6	26.214	0
"2011-05-10	13:00:00"	15.221	222.74	86.184	9.3319	1060.9	26.196	0
"2011-05-10	14:00:00"	13.931	211.76	87.533	8.0706	1120.5	26.169	0
"2011-05-10	15:00:00"	13.151	194.77	89.161	6.8217	1096.4	26.131	0
"2011-05-10	16:00:00"	16.598	205.19	90.379	6.8878	973.47	26.122	0
"2011-05-10	17:00:00"	14.587	222.14	91.184	7.0792	838.38	26.087	0
"2011-05-10	18:00:00"	16.633	193.35	90.747	9.1589	672.6	26.063	0
"2011-05-10	19:00:00"	17.821	168.57	88.921	12.536	284.31	26.063	0
"2011-05-10	20:00:00"	18.362	159.9	86.977	15.507	67.008	26.06	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-10"	21:00:00"	17.815	151.81	84.033	23.036	9.6822	26.069	0
"2011-05-10"	22:00:00"	17.882	148.39	81.336	30.194	0.08946	26.087	0
"2011-05-10"	23:00:00"	23.034	159.16	78.691	40.605	0.08013	26.113	0
"2011-05-11"	00:00:00"	19.356	169.75	76.012	50.706	0.09136	26.113	0
"2011-05-11"	01:00:00"	18.171	163.07	74.927	57.558	0.09454	26.107	0
"2011-05-11"	02:00:00"	14.336	168.19	73.189	63.521	0.11468	26.119	0
"2011-05-11"	03:00:00"	9.7679	175.46	72.173	66.58	0.1079	26.099	0
"2011-05-11"	04:00:00"	10.834	231.82	72.361	54.02	0.10641	26.134	0
"2011-05-11"	05:00:00"	7.8032	289.29	69.853	17.058	0.10175	26.164	0
"2011-05-11"	06:00:00"	12.006	282.78	67.533	17.711	0.1185	26.181	0
"2011-05-11"	07:00:00"	11.805	283.18	65.835	19.275	0.7025	26.199	0
"2011-05-11"	08:00:00"	8.9378	282.54	64.427	20.3	68.398	26.243	0
"2011-05-11"	09:00:00"	9.7729	311.96	65.605	19.741	270.81	26.267	0
"2011-05-11"	10:00:00"	13.551	298.47	69.47	16.33	513.46	26.294	0
"2011-05-11"	11:00:00"	19.849	281.38	72.308	14.061	736.57	26.294	0
"2011-05-11"	12:00:00"	17.518	268.82	73.665	11.583	929.48	26.302	0
"2011-05-11"	13:00:00"	13.995	264.41	76.155	8.7747	1055.3	26.288	0
"2011-05-11"	14:00:00"	15.48	259.1	78.17	6.9081	1115.9	26.261	0
"2011-05-11"	15:00:00"	13.98	257.61	79.745	6.9878	1091.3	26.252	0
"2011-05-11"	16:00:00"	14.306	259.88	81.193	6.5861	1002.7	26.237	0
"2011-05-11"	17:00:00"	14.085	258.41	81.788	6.1139	850.59	26.229	0
"2011-05-11"	18:00:00"	14.257	262	81.928	5.6781	648.51	26.234	0
"2011-05-11"	19:00:00"	13.718	262.49	81.177	5.1447	423.51	26.246	0
"2011-05-11"	20:00:00"	13.1	269.16	79.076	5.9967	193.31	26.258	0
"2011-05-11"	21:00:00"	6.0372	250.47	74.938	7.5167	28.103	26.282	0
"2011-05-11"	22:00:00"	2.5222	220.98	68.75	10.584	0.09899	26.311	0
"2011-05-11"	23:00:00"	3.653	243.02	68.011	11.275	0.09454	26.32	0
"2011-05-12"	00:00:00"	4.0221	305.71	62.365	14.002	0.11341	26.326	0
"2011-05-12"	01:00:00"	4.4329	291.37	59.942	15.296	0.12168	26.341	0
"2011-05-12"	02:00:00"	4.6895	220	60.077	15.231	0.10641	26.344	0
"2011-05-12"	03:00:00"	3.2274	310.42	53.839	18.665	0.12231	26.353	0
"2011-05-12"	04:00:00"	3.2535	321.5	52.678	19.743	0.18866	26.364	0
"2011-05-12"	05:00:00"	2.1425	295	51.585	21.831	0.11023	26.373	0
"2011-05-12"	06:00:00"	2.9981	309.74	50.689	23.611	0.1645	26.379	0
"2011-05-12"	07:00:00"	2.9347	303.64	48.502	26.402	1.2573	26.385	0
"2011-05-12"	08:00:00"	3.1721	277.55	53.522	31.331	84.18	26.4	0
"2011-05-12"	09:00:00"	9.1236	305.23	61.602	27.49	292.54	26.409	0
"2011-05-12"	10:00:00"	14.976	320.23	69.546	21.929	533.67	26.415	0
"2011-05-12"	11:00:00"	15.332	311.62	73.498	18.479	753.48	26.423	0
"2011-05-12"	12:00:00"	11.53	281.12	75.86	15.705	931.4	26.415	0
"2011-05-12"	13:00:00"	11.805	271.1	78.243	13.448	1060.2	26.397	0
"2011-05-12"	14:00:00"	12.79	281.76	79.659	11.961	1115.2	26.376	0
"2011-05-12"	15:00:00"	11.728	265.92	81.348	11.175	1097.7	26.364	0
"2011-05-12"	16:00:00"	11.953	288.09	83.098	9.8945	1002.8	26.358	0
"2011-05-12"	17:00:00"	12.436	302.39	84.6	8.94	847.48	26.341	0
"2011-05-12"	18:00:00"	11.518	299.43	84.879	8.4644	646.17	26.341	0
"2011-05-12"	19:00:00"	9.8636	304.61	84.774	7.8247	417.17	26.335	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-12	20:00:00"	8.5146	305.92	84.14	6.7167	193.94	26.35	0
"2011-05-12	21:00:00"	4.0526	320.65	78.78	8.0178	29.153	26.37	0
"2011-05-12	22:00:00"	3.4517	339.85	69.249	11.597	0.11404	26.397	0
"2011-05-12	23:00:00"	3.4293	341.85	66.447	13.146	0.11532	26.415	0
"2011-05-13	00:00:00"	7.1309	48.682	66.015	18.565	0.09454	26.432	0
"2011-05-13	01:00:00"	7.2831	56.247	62.721	25.748	0.12019	26.441	0
"2011-05-13	02:00:00"	5.9906	39.825	58.495	31.091	0.10535	26.453	0
"2011-05-13	03:00:00"	10.868	41.742	59.501	33.103	0.12189	26.483	0
"2011-05-13	04:00:00"	11.7	41.676	57.848	37.522	0.10917	26.485	0
"2011-05-13	05:00:00"	10.632	36.234	55.197	42.524	0.10896	26.5	0
"2011-05-13	06:00:00"	10.407	30.128	52.756	47.364	0.13969	26.521	0
"2011-05-13	07:00:00"	9.7089	12.543	51.008	51.682	1.4226	26.545	0
"2011-05-13	08:00:00"	11.16	14.412	51.391	53.284	84.073	26.565	0
"2011-05-13	09:00:00"	15.324	22.712	56.194	44.98	285.85	26.58	0
"2011-05-13	10:00:00"	14.606	25.632	60.255	38.994	522.56	26.589	0
"2011-05-13	11:00:00"	12.815	21.734	64.307	34.576	742.95	26.583	0
"2011-05-13	12:00:00"	11.518	34.377	68.152	30.079	921.65	26.58	0
"2011-05-13	13:00:00"	8.5476	54.109	70.596	25.789	1043.2	26.568	0
"2011-05-13	14:00:00"	5.7135	357.63	73.359	22.185	1096.7	26.55	0
"2011-05-13	15:00:00"	6.095	13.224	75.485	19.985	1081.8	26.521	0
"2011-05-13	16:00:00"	6.3753	333.42	77.709	18.316	993.02	26.5	0
"2011-05-13	17:00:00"	7.3744	23.303	78.357	17.62	840.87	26.48	0
"2011-05-13	18:00:00"	6.7412	23.844	78.664	16.932	643.8	26.474	0
"2011-05-13	19:00:00"	6.1857	30.071	79.038	17.53	414.21	26.468	0
"2011-05-13	20:00:00"	6.1143	23.984	78.211	17.969	189.02	26.474	0
"2011-05-13	21:00:00"	4.39	65.471	75.337	20.16	28.281	26.485	0
"2011-05-13	22:00:00"	6.0751	82.633	70.628	23.445	0.11913	26.506	0
"2011-05-13	23:00:00"	7.7733	77.83	68.117	24.253	0.12189	26.524	0
"2011-05-14	00:00:00"	8.0356	80.522	64.904	25.496	0.13185	26.527	0
"2011-05-14	01:00:00"	9.1076	84.453	62.381	24.858	0.12684	26.527	0
"2011-05-14	02:00:00"	9.0695	81.891	59.396	25.726	0.12337	26.524	0
"2011-05-14	03:00:00"	9.6275	75.936	57.299	26.682	0.11722	26.515	0
"2011-05-14	04:00:00"	9.7077	79.374	55.622	29.458	0.12782	26.518	0
"2011-05-14	05:00:00"	9.6449	71.772	53.852	33.361	0.13185	26.518	0
"2011-05-14	06:00:00"	8.7657	54.592	50.223	39.449	0.16958	26.521	0
"2011-05-14	07:00:00"	9.0366	46.74	48.619	45.602	1.7404	26.53	0
"2011-05-14	08:00:00"	9.4088	60.566	49.5	47.837	83.472	26.562	0
"2011-05-14	09:00:00"	11.307	87.865	54.347	44.903	278.85	26.586	0
"2011-05-14	10:00:00"	11.463	83.481	57.372	41.657	509.9	26.583	0
"2011-05-14	11:00:00"	10.251	85.443	60.194	37.287	729.55	26.577	0
"2011-05-14	12:00:00"	11.329	90.544	63.386	32.664	909.7	26.562	0
"2011-05-14	13:00:00"	11.518	85.964	66.215	28.021	1036	26.536	0
"2011-05-14	14:00:00"	12.485	98.517	69.368	23.893	1094.6	26.506	0
"2011-05-14	15:00:00"	11.493	110.46	71.7	21.206	1075.7	26.477	0
"2011-05-14	16:00:00"	11.231	108.22	73.537	19.495	986.25	26.444	0
"2011-05-14	17:00:00"	11.413	122.7	74.775	18.71	833.68	26.412	0
"2011-05-14	18:00:00"	11.993	117.69	75.722	17.778	634.51	26.397	0

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"2011-05-14	19:00:00"	13.741	124.44	75.306	17.962	408.4	26.382	0
"2011-05-14	20:00:00"	13.315	121.49	74.13	18.365	186.87	26.394	0
"2011-05-14	21:00:00"	10.765	115.01	71.776	19.152	27.312	26.397	0
"2011-05-14	22:00:00"	8.6315	97.487	67.304	21.024	0.11256	26.406	0
"2011-05-14	23:00:00"	10.135	89.103	64.766	22.962	0.11744	26.432	0
"2011-05-15	00:00:00"	10.717	90.1	62.44	25.439	0.09475	26.438	0
"2011-05-15	01:00:00"	10.792	93.407	60.565	27.835	0.10485	26.441	0
"2011-05-15	02:00:00"	11.564	95.235	59.384	30.394	0.09687	26.435	0
"2011-05-15	03:00:00"	11.221	98.695	58.018	33.244	0.15241	26.435	0
"2011-05-15	04:00:00"	11.47	97.255	56.677	35.951	0.13122	26.435	0
"2011-05-15	05:00:00"	11.04	95.318	55.24	39.563	0.12973	26.441	0
"2011-05-15	06:00:00"	10.873	91.566	53.746	43.084	0.14097	26.45	0
"2011-05-15	07:00:00"	10.566	88.48	51.607	46.46	1.3632	26.471	0
"2011-05-15	08:00:00"	10.831	88.604	51.252	48.026	61.594	26.494	0
"2011-05-15	09:00:00"	12.073	97.828	54.29	45.743	188.78	26.527	0
"2011-05-15	10:00:00"	13.906	98.473	56.907	43.669	249.65	26.542	0
"2011-05-15	11:00:00"	14.614	96.399	60.011	39.505	619.67	26.536	0
"2011-05-15	12:00:00"	15.057	97.779	63.008	34.548	879.13	26.533	0
"2011-05-15	13:00:00"	12.231	109.68	65.847	30.612	1016.6	26.524	0
"2011-05-15	14:00:00"	11.02	130.73	68.37	28.764	1068.8	26.494	0
"2011-05-15	15:00:00"	11.297	137.36	70.756	27.625	1055.2	26.468	0
"2011-05-15	16:00:00"	9.7375	143.04	72.693	26.497	971.26	26.447	0
"2011-05-15	17:00:00"	9.7195	125.22	74.547	24.886	832.14	26.426	0
"2011-05-15	18:00:00"	8.4662	138.13	75.565	24.735	637.67	26.415	0
"2011-05-15	19:00:00"	9.6437	131.87	75.632	25.146	414.65	26.412	0
"2011-05-15	20:00:00"	9.6735	119.67	75.346	25.68	190.58	26.42	0
"2011-05-15	21:00:00"	8.9465	108.53	72.994	27.427	29.294	26.435	0
"2011-05-15	22:00:00"	7.5832	105.75	68.517	31.339	0.09391	26.447	0
"2011-05-15	23:00:00"	7.4925	96.078	64.063	36.041	0.12719	26.465	0
"2011-05-16	00:00:00"	8.2866	98.02	62.004	38.252	0.09751	26.456	0
"2011-05-16	01:00:00"	10.258	107.9	61.235	39.742	0.13741	26.456	0
"2011-05-16	02:00:00"	7.1514	94.053	56.896	44.931	0.11235	26.45	0
"2011-05-16	03:00:00"	7.5043	88.963	54.275	48.223	0.13969	26.453	0
"2011-05-16	04:00:00"	6.5952	88.823	52.288	52.172	0.12274	26.453	0
"2011-05-16	05:00:00"	6.0652	87.557	50.438	57.066	0.12104	26.459	0
"2011-05-16	06:00:00"	6.0037	89.647	49.146	61.631	0.13609	26.456	0
"2011-05-16	07:00:00"	6.9165	91.695	48.982	65.828	1.9475	26.459	0
"2011-05-16	08:00:00"	8.7551	102.44	51.032	63.288	82.126	26.477	0
"2011-05-16	09:00:00"	13.837	117.28	56.857	53.261	277.3	26.494	0
"2011-05-16	10:00:00"	13.023	123.69	62.202	43.609	511.71	26.497	0
"2011-05-16	11:00:00"	14.639	144.72	66.435	38.251	729.85	26.5	0
"2011-05-16	12:00:00"	13.937	151.23	69.313	38.115	911.26	26.48	0
"2011-05-16	13:00:00"	14.718	149.7	72.106	33.603	1002.5	26.456	0
"2011-05-16	14:00:00"	14.996	154.35	75.674	28.647	1045.9	26.429	0
"2011-05-16	15:00:00"	15.48	150.5	78.645	25.371	1071	26.397	0
"2011-05-16	16:00:00"	13.396	155.73	80.674	22.598	777.95	26.37	0
"2011-05-16	17:00:00"	11.83	156.69	82.455	20.693	742.71	26.341	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-16	18:00:00"	12.836	156.48	83.356	20.403	635.41	26.317	0
"2011-05-16	19:00:00"	13.358	156.98	83.548	19.904	409.93	26.302	0
"2011-05-16	20:00:00"	13.775	153.64	82.571	21.104	187.61	26.288	0
"2011-05-16	21:00:00"	13.517	146.68	80.271	22.964	27.207	26.294	0
"2011-05-16	22:00:00"	10.822	139.81	77.264	25.672	0.09369	26.305	0
"2011-05-16	23:00:00"	9.7661	148.31	74.573	28.757	0.1115	26.317	0
"2011-05-17	00:00:00"	8.9086	152.37	72.67	34.064	0.09264	26.314	0
"2011-05-17	01:00:00"	11.683	173.02	71.166	41.182	0.10451	26.305	0
"2011-05-17	02:00:00"	9.2845	171.12	68.384	47.589	0.09709	26.285	0
"2011-05-17	03:00:00"	10.218	156.7	66.978	54.236	0.1062	26.27	0
"2011-05-17	04:00:00"	8.4531	158.28	65.155	59.752	0.07631	26.258	0
"2011-05-17	05:00:00"	9.0739	168.69	63.758	64.792	0.11807	26.261	0
"2011-05-17	06:00:00"	6.5753	168.31	62.193	69.758	0.11426	26.252	0
"2011-05-17	07:00:00"	3.7257	171.91	60.365	73.707	1.8533	26.255	0
"2011-05-17	08:00:00"	5.3463	169.68	60.315	74.92	85.139	26.261	0
"2011-05-17	09:00:00"	9.2553	164.57	64.133	67.748	289.27	26.264	0
"2011-05-17	10:00:00"	10.161	191.07	68.996	55.346	525.32	26.264	0
"2011-05-17	11:00:00"	8.9353	223.24	75.242	36.62	741.64	26.252	0
"2011-05-17	12:00:00"	11.989	259.91	82.807	12.49	931.91	26.234	0
"2011-05-17	13:00:00"	12.354	240.44	85.689	9.7197	1067.4	26.22	0
"2011-05-17	14:00:00"	13.083	237.14	86.894	7.5864	1106.8	26.199	0
"2011-05-17	15:00:00"	14.175	234.61	87.127	6.8797	822.55	26.187	0
"2011-05-17	16:00:00"	13.037	246.26	87.881	6.3828	823.74	26.167	0
"2011-05-17	17:00:00"	14.631	241.4	88.035	6.2858	846.9	26.155	0
"2011-05-17	18:00:00"	12.851	250.19	87.948	6.3597	650.55	26.137	0
"2011-05-17	19:00:00"	13.538	248.34	88.058	7.2044	412.48	26.125	0
"2011-05-17	20:00:00"	12.754	256.93	86.09	8.472	187.85	26.122	0
"2011-05-17	21:00:00"	8.3332	257.11	82.657	9.3683	25.706	26.128	0
"2011-05-17	22:00:00"	5.2089	266.55	78.036	10.863	0.08119	26.143	0
"2011-05-17	23:00:00"	6.5499	282.15	75.724	12.579	0.09666	26.155	0
"2011-05-18	00:00:00"	7.4888	274.64	72.772	14.052	0.1026	26.158	0
"2011-05-18	01:00:00"	6.6501	291.49	69.64	15.194	0.11267	26.143	0
"2011-05-18	02:00:00"	10.424	281.1	71.313	14.634	0.09497	26.128	0
"2011-05-18	03:00:00"	10.786	282.86	71.913	14.683	0.09836	26.125	0
"2011-05-18	04:00:00"	13.478	284.91	71.001	15.405	0.08818	26.11	0
"2011-05-18	05:00:00"	12.758	285.3	69.872	16.514	0.12295	26.11	0
"2011-05-18	06:00:00"	11.973	277.16	70.147	16.758	0.11553	26.119	0
"2011-05-18	07:00:00"	5.7458	240.69	66.871	18.771	2.1541	26.137	0
"2011-05-18	08:00:00"	3.4666	258.71	64.385	20.607	96.645	26.164	0
"2011-05-18	09:00:00"	3.8649	279.7	68.731	18.908	281.17	26.172	0
"2011-05-18	10:00:00"	12.079	270.56	75.203	16.344	526.71	26.175	0
"2011-05-18	11:00:00"	15.626	269.94	77.63	15.698	737.34	26.169	0
"2011-05-18	12:00:00"	15.744	256.3	79.515	15.269	916.93	26.158	0
"2011-05-18	13:00:00"	14.95	255.03	81.064	14.38	1045	26.134	0
"2011-05-18	14:00:00"	13.119	240.95	83.199	13.195	1107.8	26.11	0
"2011-05-18	15:00:00"	14.026	235.08	84.364	12.846	1086.9	26.093	0
"2011-05-18	16:00:00"	16.642	225.97	85.261	12.376	1027	26.072	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-18	17:00:00"	17.178	232.37	86.18	11.689	824.26	26.045	0
"2011-05-18	18:00:00"	18.153	225.95	86.635	11.21	648.84	26.028	0
"2011-05-18	19:00:00"	16.525	221.33	86.381	11.191	423.55	26.007	0
"2011-05-18	20:00:00"	14.648	221.79	85.697	11.204	138.83	26.004	0
"2011-05-18	21:00:00"	8.0784	212.81	83.301	11.689	20.705	26.004	0
"2011-05-18	22:00:00"	6.1516	186.66	80.078	13.372	0.0814	26.019	0
"2011-05-18	23:00:00"	3.274	214.03	77.095	15.078	0.09878	26.037	0
"2011-05-19	00:00:00"	6.3939	209.08	79.292	13.517	0.09179	26.048	0
"2011-05-19	01:00:00"	11.587	184.8	75.171	27.33	0.08776	26.063	0
"2011-05-19	02:00:00"	9.159	204.27	73.01	40.307	0.09963	26.075	0
"2011-05-19	03:00:00"	8.5668	191.41	71.861	48.357	0.11214	26.078	0
"2011-05-19	04:00:00"	4.5149	202.26	68.952	54.255	0.07419	26.084	0
"2011-05-19	05:00:00"	2.4501	201.48	66.425	56.568	0.10408	26.093	0
"2011-05-19	06:00:00"	3.6021	250.4	64.971	42.501	0.12019	26.105	0
"2011-05-19	07:00:00"	1.7771	339.94	59.586	35.98	2.0083	26.122	0
"2011-05-19	08:00:00"	3.0099	333.01	60.626	33.808	90.517	26.152	0
"2011-05-19	09:00:00"	6.6791	359.61	67.511	26.741	294.49	26.167	0
"2011-05-19	10:00:00"	5.0896	333.49	72.225	24.818	526.93	26.178	0
"2011-05-19	11:00:00"	7.9504	282.91	76.685	21.828	740.38	26.178	0
"2011-05-19	12:00:00"	12.89	235.14	79.874	19.819	918.75	26.178	0
"2011-05-19	13:00:00"	15.625	229.33	81.587	17.968	1045.1	26.164	0
"2011-05-19	14:00:00"	16.016	226.62	83.15	16.5	1100.6	26.152	0
"2011-05-19	15:00:00"	15.155	222.99	84.358	15.499	1080.3	26.146	0
"2011-05-19	16:00:00"	15.116	230.52	86.352	14.3	990.96	26.125	0
"2011-05-19	17:00:00"	15.278	225.48	87.58	12.78	803.71	26.105	0
"2011-05-19	18:00:00"	14.521	216.56	88.42	11.922	634.67	26.09	0
"2011-05-19	19:00:00"	12.749	228.21	89.21	11.236	422.67	26.09	0
"2011-05-19	20:00:00"	9.6008	258.68	86.982	12.438	152.58	26.096	0
"2011-05-19	21:00:00"	7.1669	293.38	84.038	14.44	50.939	26.107	0
"2011-05-19	22:00:00"	8.427	311.92	79.903	16.717	0.11744	26.131	0
"2011-05-19	23:00:00"	9.8587	321.69	75.199	18.379	0.09815	26.149	0
"2011-05-20	00:00:00"	8.4575	317.36	72.05	18.438	0.09285	26.178	0
"2011-05-20	01:00:00"	12.876	325.7	71.572	19.299	0.10684	26.199	0
"2011-05-20	02:00:00"	10.686	340.06	69.484	21.2	0.11002	26.211	0
"2011-05-20	03:00:00"	3.3455	338.24	64.078	25.56	0.08797	26.22	0
"2011-05-20	04:00:00"	3.4356	346.2	58.239	30.689	0.11087	26.246	0
"2011-05-20	05:00:00"	4.7081	336.15	58.738	28.78	0.11828	26.273	0
"2011-05-20	06:00:00"	2.9335	341.88	53.571	33.63	0.13969	26.296	0
"2011-05-20	07:00:00"	3.2591	329.46	54.276	33.093	0.591	26.308	0
"2011-05-20	08:00:00"	2.6054	286.68	57.349	29.91	35.359	26.32	0
"2011-05-20	09:00:00"	1.5292	135.04	58.862	28.616	121.6	26.35	0
"2011-05-20	10:00:00"	3.8612	37.265	63.47	24.633	412.08	26.361	0
"2011-05-20	11:00:00"	5.601	336.6	66.833	21.249	753.49	26.361	0
"2011-05-20	12:00:00"	9.5262	282.75	71.11	16.944	923.76	26.353	0
"2011-05-20	13:00:00"	12.201	265.98	74.302	13.654	1068.8	26.329	0
"2011-05-20	14:00:00"	11.996	252.57	77.513	11.562	1124.4	26.308	0
"2011-05-20	15:00:00"	13.197	275.61	78.892	9.0958	1111.3	26.302	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-20	16:00:00"	12.786	270.83	80.038	6.7889	1025	26.288	0
"2011-05-20	17:00:00"	10.924	258.97	81.267	6.1764	871.07	26.273	0
"2011-05-20	18:00:00"	12.839	247.9	81.238	5.9711	674.8	26.264	0
"2011-05-20	19:00:00"	13.427	266.2	80.921	6.4981	445.19	26.264	0
"2011-05-20	20:00:00"	12.16	264.16	79.424	7.0989	214.69	26.273	0
"2011-05-20	21:00:00"	10.324	262.86	76.379	8.9708	38.912	26.285	0
"2011-05-20	22:00:00"	3.901	259.19	71.058	11.45	0.13651	26.302	0
"2011-05-20	23:00:00"	2.5153	248.85	66.588	14.456	0.10133	26.314	0
"2011-05-21	00:00:00"	4.1315	212.49	65.728	15.07	0.10535	26.317	0
"2011-05-21	01:00:00"	3.2005	207.36	63.38	16.246	0.141	26.323	0
"2011-05-21	02:00:00"	3.9308	227.42	63.194	15.9	0.12782	26.323	0
"2011-05-21	03:00:00"	1.8933	253.33	58.096	18.798	0.14542	26.314	0
"2011-05-21	04:00:00"	3.6008	212.18	58.553	18.578	0.13185	26.32	0
"2011-05-21	05:00:00"	1.7883	249.1	56.216	19.58	0.13779	26.332	0
"2011-05-21	06:00:00"	2.918	292.22	54.46	21.642	0.14923	26.338	0
"2011-05-21	07:00:00"	3.0646	276.86	53.771	23.117	2.9556	26.356	0
"2011-05-21	08:00:00"	4.0967	284.21	54.904	24.936	96.768	26.379	0
"2011-05-21	09:00:00"	6.9811	284.44	63.363	24.761	302.92	26.391	0
"2011-05-21	10:00:00"	11.682	308.18	69.802	23.353	540.06	26.397	0
"2011-05-21	11:00:00"	10.449	295.84	73.418	20.425	758.11	26.385	0
"2011-05-21	12:00:00"	9.7381	275.76	76.44	17.572	936.45	26.382	0
"2011-05-21	13:00:00"	9.8612	257.88	78.846	15.261	1064.6	26.364	0
"2011-05-21	14:00:00"	9.9214	247.41	81.533	12.834	1122	26.344	0
"2011-05-21	15:00:00"	11.104	260.77	83.712	10.781	1102.4	26.329	0
"2011-05-21	16:00:00"	11.705	249.83	85.381	9.7706	1012.5	26.308	0
"2011-05-21	17:00:00"	12.206	235.05	85.816	10.052	858.85	26.288	0
"2011-05-21	18:00:00"	10.785	249.07	86.835	9.8489	660.73	26.276	0
"2011-05-21	19:00:00"	12.004	237.75	86.374	8.9283	438.03	26.27	0
"2011-05-21	20:00:00"	9.7791	248.65	84.74	9.7189	212.8	26.267	0
"2011-05-21	21:00:00"	5.6166	257.15	81.413	11.629	39.322	26.27	0
"2011-05-21	22:00:00"	2.9963	224.85	76.115	13.573	0.11595	26.282	0
"2011-05-21	23:00:00"	1.6429	243.15	70.769	16.202	0.11277	26.299	0
"2011-05-22	00:00:00"	1.6491	260.22	67.42	17.46	0.1221	26.305	0
"2011-05-22	01:00:00"	1.7989	6.4598	65.032	19.092	0.15009	26.302	0
"2011-05-22	02:00:00"	2.639	325.65	64.4	20.063	0.14796	26.299	0
"2011-05-22	03:00:00"	2.7788	317.1	63.08	21.279	0.14775	26.291	0
"2011-05-22	04:00:00"	0.92895	3.0114	58.737	24.794	0.12846	26.296	0
"2011-05-22	05:00:00"	1.1906	28.526	57.985	25.837	0.1611	26.302	0
"2011-05-22	06:00:00"	0.80965	0.14599	57.342	26.846	0.13991	26.311	0
"2011-05-22	07:00:00"	4.7665	282.52	59.866	24.562	3.2369	26.338	0
"2011-05-22	08:00:00"	1.7224	330.3	60.046	24.791	98.963	26.347	0
"2011-05-22	09:00:00"	2.8142	287.61	71.215	17.621	293.96	26.361	0
"2011-05-22	10:00:00"	5.6588	46.07	77.644	15.09	525.13	26.361	0
"2011-05-22	11:00:00"	3.645	76.072	81.415	12.719	741.72	26.361	0
"2011-05-22	12:00:00"	4.2241	170.58	83.706	11.15	920.18	26.353	0
"2011-05-22	13:00:00"	6.0323	196.89	85.539	10.176	1046.4	26.335	0
"2011-05-22	14:00:00"	7.2371	200.11	87.307	8.9981	1086.5	26.317	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-22	15:00:00"	8.5967	202.33	89.2	8.0183	1106.3	26.302	0
"2011-05-22	16:00:00"	9.251	215.36	91.575	7.2147	1022.1	26.282	0
"2011-05-22	17:00:00"	12.127	218.08	91.927	6.8642	740.56	26.261	0
"2011-05-22	18:00:00"	9.8046	218.05	91.354	6.8147	500.66	26.232	0
"2011-05-22	19:00:00"	7.2651	245.13	91.494	6.8267	317.83	26.217	0
"2011-05-22	20:00:00"	7.2129	224.06	90.65	7.032	193.08	26.205	0
"2011-05-22	21:00:00"	3.5822	189.63	87.233	8.0247	29.514	26.211	0
"2011-05-22	22:00:00"	3.9041	177.47	81.863	9.8203	0.1433	26.226	0
"2011-05-22	23:00:00"	8.3195	170.11	79.58	33.703	0.10938	26.252	0
"2011-05-23	00:00:00"	6.6499	193.93	77.72	41.299	0.10302	26.258	0
"2011-05-23	01:00:00"	7.1012	190.41	75.368	52.86	0.10739	26.252	0
"2011-05-23	02:00:00"	6.264	185.97	73.67	66.339	0.12168	26.249	0
"2011-05-23	03:00:00"	4.7199	183.36	71.935	74.344	0.10217	26.246	0
"2011-05-23	04:00:00"	3.4722	220.02	70.885	78.505	0.08076	26.24	0
"2011-05-23	05:00:00"	1.7231	244.18	67.903	84.368	0.09073	26.24	0
"2011-05-23	06:00:00"	2.3898	231.31	66.839	88.095	0.07504	26.249	0
"2011-05-23	07:00:00"	3.4492	228.37	66.25	87.716	2.134	26.261	0
"2011-05-23	08:00:00"	2.5439	273.49	63.792	88.516	80.882	26.276	0
"2011-05-23	09:00:00"	9.8835	289.88	70.849	40.81	276.8	26.294	0
"2011-05-23	10:00:00"	12.941	287.11	79.385	13.77	498.38	26.308	0
"2011-05-23	11:00:00"	12.419	286.97	84.095	10.764	703.29	26.305	0
"2011-05-23	12:00:00"	11.89	290.12	87.566	8.6269	878.07	26.302	0
"2011-05-23	13:00:00"	9.8879	276.88	89.586	6.7414	1004.8	26.296	0
"2011-05-23	14:00:00"	9.2056	263.17	91.024	5.8653	1062.4	26.282	0
"2011-05-23	15:00:00"	9.1341	256.64	92.078	4.91	1053.2	26.264	0
"2011-05-23	16:00:00"	10.476	263.24	92.897	4.8856	968.94	26.252	0
"2011-05-23	17:00:00"	10.68	251.16	93.454	4.1975	827.59	26.234	0
"2011-05-23	18:00:00"	9.2901	250.31	93.446	4.175	639.93	26.208	0
"2011-05-23	19:00:00"	10.15	233.29	92.903	4.0553	427.42	26.202	0
"2011-05-23	20:00:00"	13.089	225.3	90.756	4.6742	206.26	26.208	0
"2011-05-23	21:00:00"	11.712	221.75	87.22	5.3153	37.973	26.223	0
"2011-05-23	22:00:00"	3.9202	226.54	80.48	6.41	0.10535	26.226	0
"2011-05-23	23:00:00"	2.8067	238.51	75.607	7.8233	0.09158	26.232	0
"2011-05-24	00:00:00"	1.9151	280.76	72.128	9.6014	0.09158	26.226	0
"2011-05-24	01:00:00"	1.217	42.032	67.568	11.2	0.11965	26.214	0
"2011-05-24	02:00:00"	0.68537	24.634	66.129	11.659	0.11871	26.202	0
"2011-05-24	03:00:00"	3.6841	163.45	65.408	12.068	0.13779	26.205	0
"2011-05-24	04:00:00"	4.8019	192.74	65.717	11.606	0.1291	26.208	0
"2011-05-24	05:00:00"	3.4306	174.77	63.592	12.641	0.11765	26.202	0
"2011-05-24	06:00:00"	4.449	171.32	65.074	11.955	0.12443	26.205	0
"2011-05-24	07:00:00"	3.2001	183.7	64.837	14.898	3.249	26.217	0
"2011-05-24	08:00:00"	2.3314	308.83	64.451	15.218	94.398	26.237	0
"2011-05-24	09:00:00"	9.6281	288.92	73.807	13.091	302.85	26.252	0
"2011-05-24	10:00:00"	17.855	288.19	79.441	12.36	532.85	26.264	0
"2011-05-24	11:00:00"	17.896	287.62	80.838	12.142	751.61	26.255	0
"2011-05-24	12:00:00"	15.116	272.5	83.337	11.299	924.96	26.255	0
"2011-05-24	13:00:00"	12.892	256.64	85.213	10.369	1026.8	26.237	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-24	14:00:00"	17.182	264.69	86.96	7.3136	1086.6	26.229	0
"2011-05-24	15:00:00"	20.48	270.83	86.496	6.0464	1083.5	26.234	0
"2011-05-24	16:00:00"	21.302	267.08	86.221	5.1925	989.85	26.223	0
"2011-05-24	17:00:00"	21.864	267.98	86.082	4.7736	837.86	26.205	0
"2011-05-24	18:00:00"	20.767	270.19	86.182	4.1672	637.11	26.199	0
"2011-05-24	19:00:00"	18.746	264.41	85.848	3.8103	409.94	26.205	0
"2011-05-24	20:00:00"	17.321	265.39	84.546	3.6842	193.11	26.199	0
"2011-05-24	21:00:00"	14.187	261.62	82.383	3.8597	33.524	26.223	0
"2011-05-24	22:00:00"	11.047	260.95	79.733	4.3572	0.1539	26.246	0
"2011-05-24	23:00:00"	6.6058	257.49	76.235	4.8967	0.1062	26.273	0
"2011-05-25	00:00:00"	3.1659	264.81	69.802	6.0356	0.10027	26.279	0
"2011-05-25	01:00:00"	5.7206	292.35	68.136	6.7396	0.10866	26.294	0
"2011-05-25	02:00:00"	5.9353	318.75	64.458	8.0897	0.10196	26.288	0
"2011-05-25	03:00:00"	3.7761	243.35	62.672	8.8281	0.10938	26.299	0
"2011-05-25	04:00:00"	3.2498	253.89	62.731	9.7425	0.12274	26.302	0
"2011-05-25	05:00:00"	2.9938	274.25	60.162	10.492	0.11998	26.305	0
"2011-05-25	06:00:00"	2.7123	316.83	54.61	12.205	0.11341	26.332	0
"2011-05-25	07:00:00"	6.5536	315.41	58.301	16.305	3.8305	26.356	0
"2011-05-25	08:00:00"	7.4185	311.75	60.464	18.207	96.393	26.373	0
"2011-05-25	09:00:00"	15.458	327.53	69.359	17.72	301.52	26.388	0
"2011-05-25	10:00:00"	21.062	329.44	74.656	15.483	529.35	26.4	0
"2011-05-25	11:00:00"	23.258	327.68	77.696	13.479	745.41	26.406	0
"2011-05-25	12:00:00"	20.111	326.81	79.814	12.26	924.24	26.418	0
"2011-05-25	13:00:00"	16.39	312.55	81.929	10.823	1046.8	26.418	0
"2011-05-25	14:00:00"	13.139	303.64	83.434	10.07	1104.5	26.403	0
"2011-05-25	15:00:00"	13.624	302.12	85.259	9.3336	1087.8	26.391	0
"2011-05-25	16:00:00"	12.57	299.88	86.492	9.2203	995.26	26.373	0
"2011-05-25	17:00:00"	9.4461	275.76	87.709	9.1133	842.84	26.361	0
"2011-05-25	18:00:00"	9.5163	299.23	88.458	8.4539	648.54	26.353	0
"2011-05-25	19:00:00"	6.566	276.49	88.413	8.3122	428.27	26.353	0
"2011-05-25	20:00:00"	5.6961	284.82	87.691	8.3142	207.81	26.358	0
"2011-05-25	21:00:00"	2.7011	337.67	83.691	9.1392	39.818	26.379	0
"2011-05-25	22:00:00"	5.6529	58.076	75.413	11.998	0.17319	26.403	0
"2011-05-25	23:00:00"	8.7048	68.384	73.254	15.909	0.08776	26.426	0
"2011-05-26	00:00:00"	10.364	71.626	71.282	21.889	0.09603	26.441	0
"2011-05-26	01:00:00"	10.702	78.454	69.404	26.108	0.1114	26.444	0
"2011-05-26	02:00:00"	10.71	78.943	66.894	30.103	0.09158	26.447	0
"2011-05-26	03:00:00"	10.149	83.373	64.261	35.703	0.09921	26.45	0
"2011-05-26	04:00:00"	8.8812	77.397	61.7	40.167	0.10875	26.459	0
"2011-05-26	05:00:00"	9.2969	72.625	60.295	45.186	0.12592	26.474	0
"2011-05-26	06:00:00"	8.8104	73.436	57.833	52.253	0.11447	26.485	0
"2011-05-26	07:00:00"	10.702	75.58	57.073	60.077	3.4275	26.503	0
"2011-05-26	08:00:00"	10.286	74.342	55.807	62.319	86.887	26.524	0
"2011-05-26	09:00:00"	12.235	96.321	59.551	56.339	285.61	26.539	0
"2011-05-26	10:00:00"	11.262	104.39	62.607	49.118	507.11	26.55	0
"2011-05-26	11:00:00"	10.542	118.6	65.622	44.448	716.28	26.536	0
"2011-05-26	12:00:00"	11.036	134.72	68.794	39.997	897.85	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-05-26	13:00:00"	12.468	142.67	72.469	34.432	1026.6	26.485	0
"2011-05-26	14:00:00"	14.227	159.47	76.451	28.826	1088.5	26.453	0
"2011-05-26	15:00:00"	14.841	165.91	80.518	24.295	1056.6	26.423	0
"2011-05-26	16:00:00"	15.051	177.03	83.436	20.784	962.65	26.382	0
"2011-05-26	17:00:00"	15.35	182.71	86.578	16.682	873.57	26.344	0
"2011-05-26	18:00:00"	15.706	183.64	87.682	15.244	445.73	26.323	0
"2011-05-26	19:00:00"	14.033	183.9	88.565	14.184	361.27	26.294	0
"2011-05-26	20:00:00"	13.476	175.54	88.175	14.184	133.08	26.282	0
"2011-05-26	21:00:00"	12.867	160.03	86.319	15.572	27.797	26.27	0
"2011-05-26	22:00:00"	10.712	153.55	83.054	17.523	0.14754	26.267	0
"2011-05-26	23:00:00"	9.0329	162.67	80.436	19.616	0.12655	26.288	0
"2011-05-27	00:00:00"	6.2783	192.6	77.428	24.98	0.07843	26.288	0
"2011-05-27	01:00:00"	11.728	166.82	77.683	31.047	0.07992	26.27	0
"2011-05-27	02:00:00"	11.545	174.34	76.738	41.094	0.08628	26.255	0
"2011-05-27	03:00:00"	11.308	184.84	75.361	51.755	0.08098	26.24	0
"2011-05-27	04:00:00"	9.3989	195.45	74.202	58.602	0.07504	26.243	0
"2011-05-27	05:00:00"	5.4817	178.07	70.644	65.542	0.10048	26.229	0
"2011-05-27	06:00:00"	6.1988	183.65	68.2	67.609	0.10811	26.232	0
"2011-05-27	07:00:00"	4.4559	177.68	66.041	67.713	3.365	26.246	0
"2011-05-27	08:00:00"	4.7734	203.59	66.777	60.755	73.213	26.267	0
"2011-05-27	09:00:00"	3.9786	219.56	67.892	58.668	242.74	26.291	0
"2011-05-27	10:00:00"	2.1804	215.48	74.842	36.809	445.24	26.305	0
"2011-05-27	11:00:00"	3.2026	233.25	82.452	18.689	694.77	26.291	0
"2011-05-27	12:00:00"	4.6914	184.44	88.461	9.8322	842.16	26.279	0
"2011-05-27	13:00:00"	8.1226	281.56	93.296	6.6364	1033.2	26.27	0
"2011-05-27	14:00:00"	8.2052	245.14	95.829	5.4336	1104.8	26.249	0
"2011-05-27	15:00:00"	8.9024	259.66	97.911	5.1397	1095.6	26.226	0
"2011-05-27	16:00:00"	8.0945	251.71	99.583	5.2614	976.47	26.199	0
"2011-05-27	17:00:00"	9.7313	242.81	101.68	4.6994	860.77	26.172	0
"2011-05-27	18:00:00"	10.295	240.74	102.23	4.445	674.66	26.158	0
"2011-05-27	19:00:00"	10.017	231.79	102.02	4.4347	429.72	26.152	0
"2011-05-27	20:00:00"	9.1745	252.49	101.01	4.4322	238.94	26.152	0
"2011-05-27	21:00:00"	7.183	229.54	96.362	5.4967	45.845	26.164	0
"2011-05-27	22:00:00"	5.9453	221.82	89.95	6.7939	0.138	26.172	0
"2011-05-27	23:00:00"	5.6035	216.83	85.313	7.9333	0.10345	26.178	0
"2011-05-28	00:00:00"	4.6851	256.55	83.076	8.95	0.08288	26.178	0
"2011-05-28	01:00:00"	3.0803	262.86	80.656	9.8887	0.08857	26.167	0
"2011-05-28	02:00:00"	6.8183	266.73	82.094	9.815	0.07377	26.155	0
"2011-05-28	03:00:00"	2.7726	251.18	76.255	11.626	0.1079	26.149	0
"2011-05-28	04:00:00"	2.2842	259.36	71.762	13.735	0.0956	26.149	0
"2011-05-28	05:00:00"	4.6205	218.95	73.216	13.061	0.09815	26.158	0
"2011-05-28	06:00:00"	6.6766	182.9	68.796	15.093	0.09921	26.167	0
"2011-05-28	07:00:00"	5.8173	187.26	68.042	15.081	3.5892	26.175	0
"2011-05-28	08:00:00"	2.9963	229.8	70.217	14.331	105.35	26.19	0
"2011-05-28	09:00:00"	4.4179	242.75	76.745	12.838	310.42	26.211	0
"2011-05-28	10:00:00"	10.609	287.23	87.74	9.615	543.76	26.223	0
"2011-05-28	11:00:00"	10.321	292.13	91.732	7.9522	758.24	26.217	0

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"2011-05-28	12:00:00"	8.5805	289.63	93.507	7.002	937.13	26.217	0
"2011-05-28	13:00:00"	6.6002	263.57	94.732	6.2422	1061.3	26.202	0
"2011-05-28	14:00:00"	8.8825	239.66	97.562	5.2972	1119.2	26.181	0
"2011-05-28	15:00:00"	11.129	233.19	99.553	4.6947	1102.6	26.158	0
"2011-05-28	16:00:00"	13.166	218.87	100.74	4.2731	1013.6	26.137	0
"2011-05-28	17:00:00"	13.766	231.82	102.12	3.7183	864.84	26.113	0
"2011-05-28	18:00:00"	16.064	224.06	101.37	3.2392	672.36	26.102	0
"2011-05-28	19:00:00"	17.072	224.01	100.19	3.8397	449.42	26.099	0
"2011-05-28	20:00:00"	15.402	225.63	98.224	4.3642	224.72	26.105	0
"2011-05-28	21:00:00"	9.3218	229.19	94.126	5.7244	44.854	26.119	0
"2011-05-28	22:00:00"	2.5215	235	86.271	7.2194	0.16132	26.125	0
"2011-05-28	23:00:00"	2.7626	260.44	81.557	8.7256	0.09136	26.128	0
"2011-05-29	00:00:00"	2.2413	324.14	79.413	9.5364	0.07483	26.122	0
"2011-05-29	01:00:00"	3.5303	215.97	78.428	9.7192	0.08551	26.122	0
"2011-05-29	02:00:00"	3.8388	166.27	74.934	10.959	0.08394	26.119	0
"2011-05-29	03:00:00"	6.1124	176.33	73.4	27.58	0.08331	26.113	0
"2011-05-29	04:00:00"	9.9363	184.09	75.014	45.516	0.07716	26.113	0
"2011-05-29	05:00:00"	9.2559	186.06	74.624	48.348	0.09264	26.122	0
"2011-05-29	06:00:00"	8.7191	186.88	73.178	49.839	0.10196	26.125	0
"2011-05-29	07:00:00"	8.5556	185.29	72.619	51.284	5.5683	26.143	0
"2011-05-29	08:00:00"	10.443	171.99	73.298	54.969	113.74	26.161	0
"2011-05-29	09:00:00"	12.065	177.48	77.947	44.514	321.52	26.175	0
"2011-05-29	10:00:00"	11.004	190.96	83.711	26.45	553.09	26.19	0
"2011-05-29	11:00:00"	7.4763	211.04	88.17	13.375	766.19	26.184	0
"2011-05-29	12:00:00"	8.2543	206.6	91.389	8.7764	936	26.181	0
"2011-05-29	13:00:00"	11.377	209.46	93.89	6.9444	1056.3	26.178	0
"2011-05-29	14:00:00"	12.37	207.25	96.427	6.0722	1112.2	26.158	0
"2011-05-29	15:00:00"	16.133	204.74	99.094	5.2053	1086.9	26.14	0
"2011-05-29	16:00:00"	14.126	212.68	100.1	4.9278	994.79	26.116	0
"2011-05-29	17:00:00"	13.985	200.93	100.8	4.4053	843.4	26.093	0
"2011-05-29	18:00:00"	16.3	195.13	100.27	7.5536	639.77	26.084	0
"2011-05-29	19:00:00"	17.434	171.03	97.677	13.974	395.98	26.078	0
"2011-05-29	20:00:00"	20.797	160.66	94.598	20.61	176.2	26.102	0
"2011-05-29	21:00:00"	22.597	160.5	89.764	31.452	26.292	26.116	0
"2011-05-29	22:00:00"	20.175	160.35	85.854	38.921	0.10726	26.122	0
"2011-05-29	23:00:00"	22.011	158.56	84.676	39.764	0.06508	26.146	0
"2011-05-30	00:00:00"	21.739	165.22	83.615	41.048	0.08967	26.152	0
"2011-05-30	01:00:00"	21.114	169.09	82.921	42.065	0.085	26.178	0
"2011-05-30	02:00:00"	19.698	171.68	81.807	44.715	0.06338	26.172	0
"2011-05-30	03:00:00"	17.36	170.04	80.41	46.993	0.08458	26.164	0
"2011-05-30	04:00:00"	18.009	169.02	79.055	48.698	0.08394	26.161	0
"2011-05-30	05:00:00"	16.414	172.21	76.798	50.625	0.07949	26.178	0
"2011-05-30	06:00:00"	12.851	183.56	74.031	61.074	0.09793	26.199	0
"2011-05-30	07:00:00"	12.445	191.08	71.917	70.383	4.4289	26.214	0
"2011-05-30	08:00:00"	10.722	188.79	70.932	74.674	101.87	26.243	0
"2011-05-30	09:00:00"	14.79	187.17	72.933	71.081	303.59	26.267	0
"2011-05-30	10:00:00"	14.136	187.81	76.49	60.727	524.17	26.279	0

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"2011-05-30"	11:00:00"	12.739	187.36	80.932	41.944	734.92	26.285	0
"2011-05-30"	12:00:00"	11.468	203.88	85.454	27.553	906.27	26.282	0
"2011-05-30"	13:00:00"	15.239	223.58	91.765	12.339	1037	26.273	0
"2011-05-30"	14:00:00"	15.618	225.62	93.856	10.332	1087.3	26.267	0
"2011-05-30"	15:00:00"	16.624	217.13	95.191	8.7806	1067.3	26.252	0
"2011-05-30"	16:00:00"	13.993	217.53	97.09	7.4886	976.41	26.243	0
"2011-05-30"	17:00:00"	14.134	237.16	98.657	6.4481	832.44	26.234	0
"2011-05-30"	18:00:00"	12.789	249.04	99.159	5.652	639.15	26.243	0
"2011-05-30"	19:00:00"	12.65	242.15	98.064	5.4822	421.08	26.255	0
"2011-05-30"	20:00:00"	11.338	247.04	95.954	5.8867	200.14	26.282	0
"2011-05-30"	21:00:00"	7.6938	261.94	92.106	6.6108	36.073	26.311	0
"2011-05-30"	22:00:00"	4.2614	263.3	85.789	8.5808	0.11638	26.361	0
"2011-05-30"	23:00:00"	3.773	211.94	85.44	9.1639	0.07398	26.4	0
"2011-05-31"	00:00:00"	5.1338	196.5	82.429	24.268	0.07758	26.423	0
"2011-05-31"	01:00:00"	7.6099	194.09	81.896	44.061	0.0761	26.429	0
"2011-05-31"	02:00:00"	5.0642	199.27	80.145	48.538	0.10493	26.435	0
"2011-05-31"	03:00:00"	2.5489	225.21	78.528	51.604	0.08437	26.441	0
"2011-05-31"	04:00:00"	2.1773	285.14	76.394	55.025	0.08034	26.456	0
"2011-05-31"	05:00:00"	7.0811	354.21	71.934	46.13	0.0708	26.483	0
"2011-05-31"	06:00:00"	8.8719	20.287	72.592	15.903	0.10133	26.5	0
"2011-05-31"	07:00:00"	5.3724	34.241	68.777	15.516	3.1303	26.524	0
"2011-05-31"	08:00:00"	6.8935	33.521	70.393	14.353	89.817	26.545	0
"2011-05-31"	09:00:00"	11.848	36.423	74.123	11.664	303.71	26.562	0
"2011-05-31"	10:00:00"	13.716	52.318	77.3	10.669	526.73	26.574	0
"2011-05-31"	11:00:00"	9.8574	55.903	79.795	18.142	724.42	26.58	0
"2011-05-31"	12:00:00"	8.757	68.263	82.649	24.258	881.99	26.586	0
"2011-05-31"	13:00:00"	8.3369	84.364	85.223	30.724	988.46	26.583	0
"2011-05-31"	14:00:00"	8.8036	110.08	87.715	33.264	955.77	26.577	0
"2011-05-31"	15:00:00"	10.11	109.12	88.566	35.501	675.09	26.565	0
"2011-05-31"	16:00:00"	11.907	116.57	89.989	33.472	683.12	26.55	0
"2011-05-31"	17:00:00"	14.382	114.16	89.845	34.977	526.48	26.533	0
"2011-05-31"	18:00:00"	16.792	120.69	89.549	35.827	421.7	26.533	0
"2011-05-31"	19:00:00"	17.144	132.28	87.392	38.817	201.25	26.533	0
"2011-05-31"	20:00:00"	16.647	138.11	85.459	42.572	120.13	26.542	0
"2011-05-31"	21:00:00"	15.508	135.41	84.051	44.209	44.794	26.556	0
"2011-05-31"	22:00:00"	16.006	140.77	83.052	45.865	0.085	26.568	0
"2011-05-31"	23:00:00"	14.38	123.88	81.802	47.113	0.09624	26.615	0
"2011-06-01"	00:00:00"	9.7829	105.66	80.557	48.177	0.08988	26.636	0
"2011-06-01"	01:00:00"	13.147	117.85	80.232	48.41	0.09872	26.621	0
"2011-06-01"	02:00:00"	13.031	128.92	79.491	48.982	0.10196	26.609	0
"2011-06-01"	03:00:00"	13.022	148.35	78.274	49.784	0.07504	26.586	0
"2011-06-01"	04:00:00"	14.162	153.1	77.57	49.637	0.08649	26.574	0
"2011-06-01"	05:00:00"	14.453	148.36	76.498	51.109	0.08818	26.58	0
"2011-06-01"	06:00:00"	13.1	151.82	75.178	54.793	0.07398	26.589	0
"2011-06-01"	07:00:00"	9.3237	156.18	73.694	61.798	2.63	26.601	0
"2011-06-01"	08:00:00"	10.723	155.23	73.162	69.077	69.638	26.604	0
"2011-06-01"	09:00:00"	15.524	153.36	74.034	69.569	217.47	26.607	0

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"2011-06-01	10:00:00"	17.322	158.47	76.26	63.269	410.45	26.609	0
"2011-06-01	11:00:00"	17.102	162.31	79.711	52.729	666.46	26.612	0
"2011-06-01	12:00:00"	18.446	166.49	82.949	44.26	850.28	26.601	0
"2011-06-01	13:00:00"	18.466	169.25	85.354	37.397	969.77	26.592	0
"2011-06-01	14:00:00"	15.534	160.23	87.663	31.431	917.9	26.571	0
"2011-06-01	15:00:00"	18.457	158.62	89.756	29.057	641.15	26.539	0
"2011-06-01	16:00:00"	18.46	151.39	90.991	26.801	459.98	26.509	0
"2011-06-01	17:00:00"	19.575	152.18	91.545	25.614	761.73	26.48	0
"2011-06-01	18:00:00"	19.553	154.44	91.453	23.941	599.83	26.462	0
"2011-06-01	19:00:00"	21.204	156.72	90.417	22.696	391.69	26.447	0
"2011-06-01	20:00:00"	21.179	155.88	88.046	23.698	158.56	26.456	0
"2011-06-01	21:00:00"	18.998	156.46	84.874	26.662	10.061	26.468	0
"2011-06-01	22:00:00"	14.807	159.55	82.215	28.666	0.06126	26.48	0
"2011-06-01	23:00:00"	12.349	155.06	79.817	33.766	0.06847	26.485	0
"2011-06-02	00:00:00"	11.472	156.87	78.232	37.325	0.08585	26.506	0
"2011-06-02	01:00:00"	13.089	160.33	77.643	39.45	0.06084	26.497	0
"2011-06-02	02:00:00"	8.2238	189.4	76.535	41.305	0.09433	26.524	0
"2011-06-02	03:00:00"	4.7013	189.89	75.878	42.223	0.07886	26.515	0
"2011-06-02	04:00:00"	5.6346	135.34	74.377	44.611	0.05681	26.491	0
"2011-06-02	05:00:00"	8.8533	141.69	73.239	47.37	0.07483	26.465	0
"2011-06-02	06:00:00"	10.502	140.32	72.424	48.783	0.0797	26.444	0
"2011-06-02	07:00:00"	12.887	136.45	71.727	48.854	2.5749	26.45	0
"2011-06-02	08:00:00"	14.469	139.18	71.35	49.416	59.712	26.441	0
"2011-06-02	09:00:00"	16.88	159.85	72.449	48.823	165.86	26.462	0
"2011-06-02	10:00:00"	17.474	172.97	74.704	45.841	490.22	26.465	0
"2011-06-02	11:00:00"	17.899	168.8	78.473	39.844	724.82	26.456	0
"2011-06-02	12:00:00"	13.307	155.67	83.11	33.62	623.87	26.456	0.1
"2011-06-02	13:00:00"	18.143	169.86	85.743	29.089	956.21	26.444	0
"2011-06-02	14:00:00"	15.976	162.43	87.95	27.481	896.16	26.426	0
"2011-06-02	15:00:00"	16.51	161.72	90.339	24.993	971.34	26.403	0
"2011-06-02	16:00:00"	18.002	162.56	92.236	23.349	933.11	26.373	0
"2011-06-02	17:00:00"	17.787	158.9	93.55	21.544	766.93	26.347	0
"2011-06-02	18:00:00"	20.556	155.07	92.728	21.214	451.79	26.326	0
"2011-06-02	19:00:00"	21.987	155.29	90.494	21.031	186.07	26.308	0
"2011-06-02	20:00:00"	22.11	156.84	88.41	17.457	60.279	26.308	0
"2011-06-02	21:00:00"	20.004	159.49	86.744	16.884	16.371	26.332	0
"2011-06-02	22:00:00"	17.121	157.78	84.735	18.016	0.08861	26.373	0
"2011-06-02	23:00:00"	14.2	270.17	80.258	29.745	0.08246	26.471	0
"2011-06-03	00:00:00"	4.6218	342.74	72.262	56.466	0.09645	26.485	0
"2011-06-03	01:00:00"	4.6628	63.363	71.385	58.354	0.09942	26.462	0
"2011-06-03	02:00:00"	5.8875	88.803	72.666	47.083	0.0744	26.456	0
"2011-06-03	03:00:00"	11.484	133.09	75.919	28.513	0.09772	26.415	0
"2011-06-03	04:00:00"	12.413	129.65	75.97	29.096	0.08946	26.406	0
"2011-06-03	05:00:00"	10.355	137.34	75.097	32.349	0.10493	26.409	0
"2011-06-03	06:00:00"	10.426	148.48	74.04	36.015	0.09603	26.415	0
"2011-06-03	07:00:00"	9.0739	128.3	71.88	38.839	5.4161	26.423	0
"2011-06-03	08:00:00"	10.655	130.07	70.768	42.192	75.263	26.435	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-03	09:00:00"	12.28	151.59	72.033	44.306	240.2	26.447	0
"2011-06-03	10:00:00"	18.933	163.58	76.564	41.321	478.43	26.453	0
"2011-06-03	11:00:00"	18.32	164.1	79.226	37.072	624.67	26.45	0
"2011-06-03	12:00:00"	17.466	161.9	82.891	31.069	783.92	26.447	0
"2011-06-03	13:00:00"	17.368	171.27	86.286	26.164	921.97	26.438	0
"2011-06-03	14:00:00"	17.883	166.81	88.475	23.613	1060.4	26.42	0
"2011-06-03	15:00:00"	16.475	165.58	90.871	20.681	1018.2	26.415	0
"2011-06-03	16:00:00"	15.019	167.66	91.526	17.592	732.74	26.397	0
"2011-06-03	17:00:00"	14.73	153.03	92.587	14.797	654.56	26.373	0
"2011-06-03	18:00:00"	17.134	158.4	93.187	13.558	623.71	26.37	0
"2011-06-03	19:00:00"	16.976	153.52	92.111	13.997	290.1	26.373	0
"2011-06-03	20:00:00"	17.182	152.52	89.868	15.244	121.1	26.385	0
"2011-06-03	21:00:00"	16.333	154.43	87.302	17.319	17.285	26.412	0
"2011-06-03	22:00:00"	12.429	153.48	85.083	19.691	0.08543	26.447	0
"2011-06-03	23:00:00"	10.332	163.86	83.26	22.914	0.09539	26.494	0
"2011-06-04	01:00:00"	8.3885	209.95	81.275	25.939	0.08641	26.518	0
"2011-06-04	02:00:00"	12.819	182.64	79.358	30.009	0.09242	26.518	0
"2011-06-04	03:00:00"	9.1634	153.44	77.381	33.661	0.07356	26.506	0
"2011-06-04	04:00:00"	12.77	145.69	77.134	33.804	0.07822	26.477	0
"2011-06-04	05:00:00"	11.484	135.98	75.654	36.089	0.09518	26.494	0
"2011-06-04	06:00:00"	4.8858	117.2	73.469	38.761	0.0655	26.512	0
"2011-06-04	07:00:00"	5.5128	167.17	71.88	42.821	1.8099	26.527	0
"2011-06-04	08:00:00"	8.6029	156.58	71.468	46.995	65.264	26.545	0
"2011-06-04	09:00:00"	10.723	139.17	72.128	50.968	170.33	26.568	0
"2011-06-04	10:00:00"	15.479	150.12	74.552	53.623	476.94	26.583	0
"2011-06-04	11:00:00"	15.744	154.99	77.677	48.271	681.11	26.586	0
"2011-06-04	12:00:00"	15.075	151.71	80.4	42.846	837.43	26.586	0
"2011-06-04	13:00:00"	14.891	150.83	82.97	37.527	973.09	26.583	0
"2011-06-04	14:00:00"	13.043	136.08	85.152	31.067	1033.6	26.568	0
"2011-06-04	15:00:00"	13.272	140.16	86.927	26.138	1019.1	26.559	0
"2011-06-04	16:00:00"	12.811	143.33	88.363	22.851	943.83	26.545	0
"2011-06-04	17:00:00"	13.047	133.85	89.75	19.868	811.83	26.536	0
"2011-06-04	18:00:00"	12.507	132.29	90.449	16.388	639.12	26.53	0
"2011-06-04	19:00:00"	11.751	127.3	89.917	15.873	369.03	26.53	0
"2011-06-04	20:00:00"	12.637	139.23	87.484	18.921	96.343	26.539	0
"2011-06-04	21:00:00"	9.52	131.26	85.562	18.91	20.216	26.562	0
"2011-06-04	22:00:00"	7.1799	114.6	82.573	20.853	0.131	26.562	0
"2011-06-04	23:00:00"	6.4765	129.2	79.937	24.204	0.08967	26.595	0
"2011-06-05	00:00:00"	7.1433	162.03	77.857	26.551	0.10832	26.607	0
"2011-06-05	01:00:00"	8.135	159.59	75.935	29.961	0.10493	26.609	0
"2011-06-05	02:00:00"	7.5546	171.17	73.796	33.311	0.07038	26.604	0
"2011-06-05	03:00:00"	8.3699	155.74	72.68	36.757	0.11701	26.589	0
"2011-06-05	04:00:00"	8.6476	137.54	72.746	38.976	0.09264	26.583	0
"2011-06-05	05:00:00"	9.0907	124.14	73.496	39.406	0.08225	26.598	0
"2011-06-05	06:00:00"	8.6631	136.02	72.384	43.59	0.09772	26.604	0
"2011-06-05	07:00:00"	9.3628	152.72	70.823	48.803	6.6303	26.604	0
"2011-06-05	08:00:00"	11	156.42	71.372	54.334	100.5	26.618	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-05	09:00:00"	16.745	161.15	74.167	55.617	282.67	26.63	0
"2011-06-05	10:00:00"	16.835	163.74	77.148	49.809	498.31	26.642	0
"2011-06-05	11:00:00"	16.309	166.56	79.599	43.017	702.74	26.63	0
"2011-06-05	12:00:00"	13.985	157.46	82.207	34.938	857.52	26.624	0
"2011-06-05	13:00:00"	11.855	150.5	84.554	27.157	897.63	26.615	0
"2011-06-05	14:00:00"	10.639	145.69	85.956	23.665	970.72	26.601	0
"2011-06-05	15:00:00"	10.021	149.28	87.929	19.415	1051.2	26.577	0
"2011-06-05	16:00:00"	11.094	139.75	89.218	16.493	970.38	26.553	0
"2011-06-05	17:00:00"	9.3137	149.49	89.987	15.847	833.92	26.53	0
"2011-06-05	18:00:00"	10.307	141.07	90.748	16.007	649.8	26.509	0
"2011-06-05	19:00:00"	11.438	158.86	90.362	16.348	427.34	26.497	0
"2011-06-05	20:00:00"	11.061	155.76	89.426	14.462	162.63	26.497	0
"2011-06-05	21:00:00"	9.5014	151.41	86.831	13.501	27.195	26.506	0
"2011-06-05	22:00:00"	6.8009	158.3	82.785	14.959	0.17467	26.512	0
"2011-06-05	23:00:00"	8.3195	152.71	80.733	14.804	0.08543	26.524	0
"2011-06-06	00:00:00"	8.8185	155.62	77.697	15.914	0.0831	26.536	0
"2011-06-06	01:00:00"	8.105	153.85	75.362	17.595	0.09999	26.536	0
"2011-06-06	02:00:00"	6.8562	167.82	72.848	20.116	0.09242	26.536	0
"2011-06-06	03:00:00"	9.9755	166.65	72.623	23.392	0.09666	26.518	0
"2011-06-06	04:00:00"	9.3398	164.85	72.751	26.104	0.09454	26.512	0
"2011-06-06	05:00:00"	5.8707	153.77	70.869	28.934	0.11023	26.509	0
"2011-06-06	06:00:00"	8.2083	151.7	70.835	29.829	0.09073	26.503	0
"2011-06-06	07:00:00"	9.246	153.46	70.25	30.653	2.498	26.5	0
"2011-06-06	08:00:00"	8.3295	145.02	70.388	31.893	87.053	26.494	0
"2011-06-06	09:00:00"	13.251	158.07	74.853	29.215	282	26.5	0
"2011-06-06	10:00:00"	16.7	172.64	79.112	26.246	507.1	26.497	0
"2011-06-06	11:00:00"	16.399	175.56	82.356	23.088	715.3	26.497	0
"2011-06-06	12:00:00"	15.668	169.35	84.362	20.562	889.75	26.488	0
"2011-06-06	13:00:00"	14.897	166.78	87.06	18.171	1008	26.471	0
"2011-06-06	14:00:00"	14.024	164.64	89.537	15.183	1062.8	26.459	0
"2011-06-06	15:00:00"	12.919	170.09	90.662	14.249	775.37	26.432	0
"2011-06-06	16:00:00"	14.138	169.74	92.23	13.459	932.46	26.412	0
"2011-06-06	17:00:00"	14.242	175.15	93.112	12.466	712.52	26.385	0
"2011-06-06	18:00:00"	12.838	164.11	93.361	11.563	548.83	26.367	0
"2011-06-06	19:00:00"	12.486	174.71	93.337	11.282	368.15	26.347	0
"2011-06-06	20:00:00"	12.605	171.05	92.45	11.063	164.29	26.358	0
"2011-06-06	21:00:00"	9.9879	158.48	89.602	11.761	25.144	26.373	0
"2011-06-06	22:00:00"	9.7767	182.62	86.433	13.376	0.13948	26.379	0
"2011-06-06	23:00:00"	9.3274	174.14	84.72	18.395	0.06699	26.364	0
"2011-06-07	00:00:00"	10.594	146.53	82.229	20.58	0.10493	26.376	0
"2011-06-07	01:00:00"	12.07	159.36	80.63	21.209	0.09581	26.385	0
"2011-06-07	02:00:00"	13.796	161.34	80.14	21.041	0.07758	26.376	0
"2011-06-07	03:00:00"	12.194	163.79	78.509	23.467	0.08076	26.364	0
"2011-06-07	04:00:00"	8.9111	170.86	75.784	26.466	0.09327	26.356	0
"2011-06-07	05:00:00"	7.2868	182.27	73.836	29.509	0.10875	26.35	0
"2011-06-07	06:00:00"	7.1806	181.55	72.751	32.192	0.10663	26.361	0
"2011-06-07	07:00:00"	4.9573	179.89	70.219	35.805	1.7429	26.367	0

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"2011-06-07	08:00:00"	5.936	170.3	70.399	37.292	72.081	26.376	0
"2011-06-07	09:00:00"	9.973	175.07	75.812	32.566	268.87	26.391	0
"2011-06-07	10:00:00"	13.271	187.24	80.673	26.415	494.67	26.394	0
"2011-06-07	11:00:00"	11.551	188.71	84.544	22.618	696.65	26.385	0
"2011-06-07	12:00:00"	8.2288	204.83	88.367	18.917	870.25	26.376	0
"2011-06-07	13:00:00"	6.9681	214.81	91.712	15.897	993.69	26.367	0
"2011-06-07	14:00:00"	6.3641	197.86	94.402	13.153	1056.1	26.344	0
"2011-06-07	15:00:00"	5.8968	207.23	96.975	11.145	1040.4	26.317	0
"2011-06-07	16:00:00"	5.8123	212.5	98.242	9.9297	939.03	26.296	0
"2011-06-07	17:00:00"	5.8328	196.59	97.309	10.42	360.32	26.285	0
"2011-06-07	18:00:00"	9.5585	193.82	98.24	10.092	490.76	26.27	0
"2011-06-07	19:00:00"	8.0996	166.13	98.109	9.7864	356.19	26.261	0
"2011-06-07	20:00:00"	7.4204	226.81	96.686	10.352	138.22	26.27	0
"2011-06-07	21:00:00"	8.9838	165.41	95.454	10.46	30.654	26.279	0
"2011-06-07	22:00:00"	9.4088	173.91	91.35	12.804	0.29317	26.288	0
"2011-06-07	23:00:00"	14.696	175.2	88.74	17.475	0.08479	26.323	0
"2011-06-08	00:00:00"	13.652	176.14	85.67	20.076	0.1062	26.338	0
"2011-06-08	01:00:00"	13.139	175.13	83.277	21.2	0.08225	26.332	0
"2011-06-08	02:00:00"	14.71	177.8	81.74	23.567	0.09497	26.329	0
"2011-06-08	03:00:00"	13.162	181.08	79.912	26.49	0.09412	26.32	0
"2011-06-08	04:00:00"	11.392	189.27	78.474	29.197	0.0903	26.326	0
"2011-06-08	05:00:00"	8.7315	189.43	76.555	32.003	0.07398	26.329	0
"2011-06-08	06:00:00"	7.1327	188.27	74.209	34.966	0.08988	26.332	0
"2011-06-08	07:00:00"	8.2574	198	73.63	35.903	2.9139	26.344	0
"2011-06-08	08:00:00"	3.9246	218.48	72.599	37.161	83.095	26.353	0
"2011-06-08	09:00:00"	7.2607	212.46	75.727	34.062	268.24	26.37	0
"2011-06-08	10:00:00"	8.7992	215.08	80.469	28.713	486.03	26.373	0
"2011-06-08	11:00:00"	7.183	225.11	85.761	22.507	687.83	26.37	0
"2011-06-08	12:00:00"	5.0076	245.36	92.031	15.062	861.19	26.364	0
"2011-06-08	13:00:00"	5.5358	303.26	96.893	8.4311	984.14	26.35	0
"2011-06-08	14:00:00"	6.1708	231.58	99.368	6.3717	1070.3	26.332	0
"2011-06-08	15:00:00"	6.8512	244.77	100.99	5.9003	1033.3	26.317	0
"2011-06-08	16:00:00"	7.8467	236.64	100.9	6.0545	940	26.296	0
"2011-06-08	17:00:00"	7.3297	237.21	101.12	6.2419	740.35	26.279	0
"2011-06-08	18:00:00"	8.9757	219.65	100.17	6.5089	389.65	26.276	0
"2011-06-08	19:00:00"	7.8367	230.1	101.39	6.1686	440.63	26.267	0
"2011-06-08	20:00:00"	8.5476	212.78	99.533	6.6869	184.66	26.27	0
"2011-06-08	21:00:00"	4.1725	247.81	96.292	7.7844	46.749	26.276	0
"2011-06-08	22:00:00"	8.6445	190.56	90.823	13.784	0.29211	26.294	0
"2011-06-08	23:00:00"	16.3	176.1	89.933	20.936	0.08606	26.308	0
"2011-06-09	00:00:00"	20.253	171.54	87.243	25.74	0.07377	26.329	0
"2011-06-09	01:00:00"	17.354	175.34	83.948	29.572	0.0903	26.326	0
"2011-06-09	02:00:00"	13.597	169.29	81.582	34.05	0.0884	26.338	0
"2011-06-09	03:00:00"	9.4722	151.04	79.452	36.961	0.09518	26.332	0
"2011-06-09	04:00:00"	9.0136	162.81	77.697	38.327	0.07949	26.332	0
"2011-06-09	05:00:00"	7.5223	168.64	75.738	40.244	0.11299	26.332	0
"2011-06-09	06:00:00"	4.0874	159.5	73.432	42.923	0.07801	26.344	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-09	07:00:00"	2.6589	155.71	71.727	45.129	2.877	26.367	0
"2011-06-09	08:00:00"	5.3985	183.7	72.336	44.744	82.876	26.37	0
"2011-06-09	09:00:00"	9.141	192.52	75.279	40.808	257.89	26.388	0
"2011-06-09	10:00:00"	8.0039	204.72	79.826	33.799	414.69	26.394	0
"2011-06-09	11:00:00"	7.3272	222.62	85.027	24.969	638.38	26.379	0
"2011-06-09	12:00:00"	7.4707	266.36	93.509	11.848	847.12	26.37	0
"2011-06-09	13:00:00"	8.2816	275.79	96.926	6.9361	1002.7	26.361	0
"2011-06-09	14:00:00"	8.9403	235.97	97.957	6.4983	1070.7	26.341	0
"2011-06-09	15:00:00"	8.4985	243.16	99.223	6.0847	1062.9	26.317	0
"2011-06-09	16:00:00"	10.781	203.43	99.731	6.7042	971.99	26.302	0
"2011-06-09	17:00:00"	10.665	209.59	100.34	6.3511	833.44	26.279	0
"2011-06-09	18:00:00"	12.917	210.1	100.69	6.2775	649.16	26.27	0
"2011-06-09	19:00:00"	11.585	221.31	100.42	6.38	440.46	26.264	0
"2011-06-09	20:00:00"	9.3206	230.16	99.385	6.7267	226.55	26.264	0
"2011-06-09	21:00:00"	5.1387	254.22	96.253	7.2781	53.156	26.273	0
"2011-06-09	22:00:00"	3.4393	249.08	90.789	7.875	0.47038	26.288	0
"2011-06-09	23:00:00"	9.9376	178.25	88.244	16.028	0.07928	26.32	0
"2011-06-10	00:00:00"	12.503	178.9	86.412	29.775	0.08924	26.341	0
"2011-06-10	01:00:00"	8.7296	178.15	82.659	34.609	0.07674	26.338	0
"2011-06-10	02:00:00"	9.1056	174.9	80.282	38.105	0.08606	26.326	0
"2011-06-10	03:00:00"	6.6449	177.1	77.535	40.987	0.09539	26.314	0
"2011-06-10	04:00:00"	5.9086	195.53	76.275	41.225	0.10069	26.317	0
"2011-06-10	05:00:00"	6.4411	184.63	75.222	40.868	0.08967	26.32	0
"2011-06-10	06:00:00"	4.7796	178.14	73.184	42.171	0.08288	26.314	0
"2011-06-10	07:00:00"	5.8825	183.85	72.26	42.614	3.4074	26.326	0
"2011-06-10	08:00:00"	7.6907	188.12	72.834	41.936	89.726	26.332	0
"2011-06-10	09:00:00"	11.515	185.73	75.903	38.211	284.93	26.341	0
"2011-06-10	10:00:00"	8.652	189.84	79.839	33.366	506.32	26.358	0
"2011-06-10	11:00:00"	4.6329	208.98	84.877	25.535	713.01	26.35	0
"2011-06-10	12:00:00"	5.5252	209.12	89.254	19.124	874.06	26.344	0
"2011-06-10	13:00:00"	5.1536	192.25	91.93	16.3	931.06	26.341	0
"2011-06-10	14:00:00"	6.0379	192.23	94.106	13.836	844.25	26.326	0
"2011-06-10	15:00:00"	9.1752	175.65	95.522	13.719	782.48	26.302	0
"2011-06-10	16:00:00"	7.6553	192.9	96.567	12.42	618.17	26.282	0
"2011-06-10	17:00:00"	9.6418	198.98	99.112	9.5847	782.52	26.258	0
"2011-06-10	18:00:00"	10.346	207.62	99.667	8.1094	666.15	26.234	0
"2011-06-10	19:00:00"	9.9643	240.22	100.54	5.3747	439.9	26.232	0
"2011-06-10	20:00:00"	9.4368	237.25	99.265	4.4097	232.3	26.246	0
"2011-06-10	21:00:00"	5.752	242.45	95.188	4.3689	55.199	26.264	0
"2011-06-10	22:00:00"	6.904	304.81	87.001	12.693	0.45342	26.299	0
"2011-06-10	23:00:00"	12.805	58.031	75.167	49.122	0.0903	26.323	0
"2011-06-11	00:00:00"	10.087	82.267	73.663	52.969	0.10196	26.335	0
"2011-06-11	01:00:00"	10.336	104.96	73.815	52.607	0.07779	26.338	0
"2011-06-11	02:00:00"	9.1515	105.75	73.131	52.079	0.09963	26.338	0
"2011-06-11	03:00:00"	7.3154	102.49	72.386	50.611	0.07949	26.341	0
"2011-06-11	04:00:00"	4.8038	105.35	70.026	52.996	0.09073	26.332	0
"2011-06-11	05:00:00"	5.355	109.8	69.178	52.927	0.09984	26.332	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-11"	06:00:00"	7.0526	109.72	68.834	50.338	0.11299	26.344	0
"2011-06-11"	07:00:00"	7.2122	135.59	69.816	46.624	4.095	26.361	0
"2011-06-11"	08:00:00"	5.5954	151.47	69.329	47.997	93.957	26.376	0
"2011-06-11"	09:00:00"	10.269	183.42	72.653	50.286	275.57	26.376	0
"2011-06-11"	10:00:00"	14.75	183.06	76.789	50.954	496.38	26.376	0
"2011-06-11"	11:00:00"	14.037	178.17	81.076	43.838	716.53	26.379	0
"2011-06-11"	12:00:00"	13.507	181.92	86.018	33.001	896.03	26.379	0
"2011-06-11"	13:00:00"	11.498	194.68	91.12	17.379	1024.4	26.373	0
"2011-06-11"	14:00:00"	10.548	205.85	94.142	11.183	1084	26.353	0
"2011-06-11"	15:00:00"	10.588	200.63	95.775	10.537	1071.1	26.332	0
"2011-06-11"	16:00:00"	13.257	199.54	97.311	9.2639	988.37	26.323	0
"2011-06-11"	17:00:00"	12.148	211.51	99.177	6.6886	851.52	26.302	0
"2011-06-11"	18:00:00"	11.203	209.26	99.4	3.9892	677	26.288	0
"2011-06-11"	19:00:00"	9.7114	228.88	99.895	3.1486	458.88	26.276	0
"2011-06-11"	20:00:00"	9.1515	219.31	98.833	2.8478	245.21	26.273	0
"2011-06-11"	21:00:00"	6.5455	224.65	95.808	2.8322	56.93	26.276	0
"2011-06-11"	22:00:00"	11.275	180	89.312	17.723	0.50154	26.299	0
"2011-06-11"	23:00:00"	12.653	175.09	86.237	28.334	0.07589	26.32	0
"2011-06-12"	00:00:00"	11.066	178.79	82.8	31.991	0.08098	26.326	0
"2011-06-12"	01:00:00"	11.825	183.59	80.554	33.868	0.08139	26.326	0
"2011-06-12"	02:00:00"	11.312	190.63	78.747	37.847	0.085	26.32	0
"2011-06-12"	03:00:00"	11.041	191.22	76.977	40.285	0.07589	26.314	0
"2011-06-12"	04:00:00"	7.861	185.84	74.542	41.53	0.08437	26.311	0
"2011-06-12"	05:00:00"	8.3425	186.02	73.284	41.794	0.09815	26.308	0
"2011-06-12"	06:00:00"	7.956	186.32	72.07	44.424	0.08543	26.314	0
"2011-06-12"	07:00:00"	6.7487	189.54	70.542	48.144	4.3352	26.335	0
"2011-06-12"	08:00:00"	6.9264	201.96	70.835	48.779	97.956	26.353	0
"2011-06-12"	09:00:00"	9.6934	190.6	73.868	45.514	288.75	26.373	0
"2011-06-12"	10:00:00"	10.762	182.26	78.636	40.535	514.93	26.385	0
"2011-06-12"	11:00:00"	8.867	188.71	82.578	35.572	726.47	26.388	0
"2011-06-12"	12:00:00"	7.3527	181.17	87.485	27.847	902.21	26.385	0
"2011-06-12"	13:00:00"	8.5774	181.12	91.763	23.092	1017.6	26.376	0
"2011-06-12"	14:00:00"	9.6151	171.55	95.303	16.891	1079.1	26.358	0
"2011-06-12"	15:00:00"	11.7	186.43	98.765	9.4314	1064.9	26.341	0
"2011-06-12"	16:00:00"	12.097	165.89	100.03	7.917	979.33	26.32	0
"2011-06-12"	17:00:00"	12.014	170.94	100.8	7.2189	833.08	26.296	0
"2011-06-12"	18:00:00"	9.7102	179.37	99.752	8.527	253	26.314	0
"2011-06-12"	19:00:00"	27.113	162.65	88.961	19.989	11.613	26.326	0
"2011-06-12"	20:00:00"	14.288	124.56	87.962	20.551	111.39	26.326	0
"2011-06-12"	21:00:00"	10.914	128.47	86.751	22.089	32.359	26.344	0
"2011-06-12"	22:00:00"	9.4144	135.03	84.958	23.817	0.36015	26.347	0
"2011-06-12"	23:00:00"	7.037	149.72	82.166	27.033	0.06465	26.358	0
"2011-06-13"	00:00:00"	6.4275	169.73	81.607	24.497	0.09518	26.367	0
"2011-06-13"	01:00:00"	13.197	162.82	82.273	29.245	0.09026	26.376	0
"2011-06-13"	02:00:00"	12.284	180.01	80.102	34.308	0.09348	26.388	0
"2011-06-13"	03:00:00"	11.824	183.84	78.322	35.669	0.10663	26.391	0
"2011-06-13"	04:00:00"	12.154	174.91	77.026	36.051	0.08924	26.373	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-13	05:00:00"	13.711	173.5	76.668	36.013	0.12104	26.37	0
"2011-06-13	06:00:00"	11.66	187.22	75.666	37.691	0.08818	26.379	0
"2011-06-13	07:00:00"	9.781	195.23	73.668	40.833	3.175	26.403	0
"2011-06-13	08:00:00"	10.012	192.74	73.617	41.379	88.123	26.418	0
"2011-06-13	09:00:00"	13.786	189	77.185	37.589	278.05	26.435	0
"2011-06-13	10:00:00"	15.688	184.36	80.322	34.101	480.26	26.45	0
"2011-06-13	11:00:00"	14.763	187.39	83.938	30.417	687.4	26.444	0
"2011-06-13	12:00:00"	14.434	182.99	88.327	23.999	871.2	26.45	0
"2011-06-13	13:00:00"	12.581	188.71	92.614	17.776	983.47	26.441	0
"2011-06-13	14:00:00"	11.624	194.41	95.898	14.013	1036.6	26.42	0
"2011-06-13	15:00:00"	10.343	194.93	98.119	11.021	1036.7	26.391	0
"2011-06-13	16:00:00"	11.398	204.46	100.01	9.8592	954.19	26.376	0
"2011-06-13	17:00:00"	12.957	191.32	100.65	9.04	801.29	26.35	0
"2011-06-13	18:00:00"	13.862	202.49	101.58	7.7822	634.3	26.335	0
"2011-06-13	19:00:00"	12.959	195.8	100.83	8.4753	328.86	26.326	0
"2011-06-13	20:00:00"	14.46	174.55	98.253	11.166	77.38	26.326	0
"2011-06-13	21:00:00"	14.763	173.4	95.071	11.235	21.407	26.353	0
"2011-06-13	22:00:00"	9.4566	173.41	91.063	12.598	0.31627	26.376	0
"2011-06-13	23:00:00"	9.4958	163.79	88.303	13.773	0.08628	26.382	0
"2011-06-14	00:00:00"	14.027	164.12	86.312	16.788	0.08076	26.388	0
"2011-06-14	01:00:00"	13.505	174.29	84.244	19.066	0.07568	26.403	0
"2011-06-14	02:00:00"	11.003	182.05	81.83	22.027	0.07992	26.391	0
"2011-06-14	03:00:00"	10.671	179.47	79.666	26.035	0.09878	26.379	0
"2011-06-14	04:00:00"	9.6455	182.18	78.029	28.101	0.08352	26.373	0
"2011-06-14	05:00:00"	9.4535	189.17	76.658	29.362	0.08543	26.382	0
"2011-06-14	06:00:00"	8.3518	186.87	75.388	30.83	0.06508	26.379	0
"2011-06-14	07:00:00"	9.1658	192.81	74.826	32.458	2.485	26.388	0
"2011-06-14	08:00:00"	10.058	191.8	74.328	34.495	77.578	26.397	0
"2011-06-14	09:00:00"	12.457	192.08	76.788	33.712	253.38	26.412	0
"2011-06-14	10:00:00"	12.624	196.9	80.168	31.419	472.97	26.42	0
"2011-06-14	11:00:00"	10.14	218.91	84.814	25.664	688	26.412	0
"2011-06-14	12:00:00"	8.5153	247.91	91.941	15.906	865.02	26.4	0
"2011-06-14	13:00:00"	8.2593	273.28	97.943	9.3744	987.15	26.379	0
"2011-06-14	14:00:00"	11.249	271.16	100.55	6.7958	980.29	26.358	0
"2011-06-14	15:00:00"	12.202	270.15	101.62	5.7325	950.18	26.335	0
"2011-06-14	16:00:00"	13.411	248.48	103.05	4.7556	914.62	26.311	0
"2011-06-14	17:00:00"	13.727	271.61	103.55	4.2947	793.26	26.285	0
"2011-06-14	18:00:00"	13.213	270.61	103.11	4.0495	582.64	26.276	0
"2011-06-14	19:00:00"	11.923	273.91	102.29	3.8258	403.64	26.267	0
"2011-06-14	20:00:00"	10.867	266.92	101.02	2.6358	244.28	26.27	0
"2011-06-14	21:00:00"	3.9898	254	95.951	2.5217	55.483	26.27	0
"2011-06-14	22:00:00"	1.935	271.33	86.702	3.7642	0.54797	26.285	0
"2011-06-14	23:00:00"	5.8005	293.17	84.429	4.422	0.08522	26.305	0
"2011-06-15	00:00:00"	3.269	318.51	78.567	6.5345	0.0778	26.308	0
"2011-06-15	01:00:00"	2.2487	355.38	73.125	8.9729	0.12324	26.302	0
"2011-06-15	02:00:00"	8.4314	11.926	76.238	10.056	0.09581	26.302	0
"2011-06-15	03:00:00"	6.7462	28.687	72.301	18.325	0.10281	26.285	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-15	04:00:00"	6.7798	27.749	70.757	29.761	0.12422	26.273	0
"2011-06-15	05:00:00"	5.6681	6.6778	68.55	38.755	0.10684	26.282	0
"2011-06-15	06:00:00"	6.7214	14.968	67.653	47.013	0.1009	26.291	0
"2011-06-15	07:00:00"	4.8262	353.49	66.335	55.146	3.9053	26.305	0
"2011-06-15	08:00:00"	7.3539	348.39	67.635	53.399	96.027	26.32	0
"2011-06-15	09:00:00"	9.8792	355.45	73.735	45.311	287.07	26.326	0
"2011-06-15	10:00:00"	7.0389	354.15	81.051	35.273	511.11	26.341	0
"2011-06-15	11:00:00"	4.8653	337.85	87.273	26.197	710.3	26.347	0
"2011-06-15	12:00:00"	5.7228	327.15	90.63	21.824	883.95	26.35	0
"2011-06-15	13:00:00"	5.4904	313.24	93.825	16.75	986.7	26.344	0
"2011-06-15	14:00:00"	4.0308	258.6	97.236	10.427	1060.1	26.32	0
"2011-06-15	15:00:00"	6.1435	289.74	99.389	7.975	1038.1	26.305	0
"2011-06-15	16:00:00"	5.2997	230.53	100.2	8.5233	960.07	26.285	0
"2011-06-15	17:00:00"	6.4884	253.34	101.37	6.5108	820.29	26.27	0
"2011-06-15	18:00:00"	6.8189	296.1	102.28	4.6528	645.56	26.258	0
"2011-06-15	19:00:00"	6.1795	297.58	101.95	4.2739	448.69	26.246	0
"2011-06-15	20:00:00"	5.186	270.06	101.03	4.3578	229.99	26.246	0
"2011-06-15	21:00:00"	2.199	238.96	97.816	4.8097	57.822	26.249	0
"2011-06-15	22:00:00"	1.9412	170.03	92.129	5.9958	0.54479	26.252	0
"2011-06-15	23:00:00"	1.2204	98.955	86.212	7.8247	0.07462	26.261	0
"2011-06-16	00:00:00"	2.0008	96.191	83.043	8.7083	0.10175	26.273	0
"2011-06-16	01:00:00"	7.4984	178.86	82.065	19.753	0.1021	26.267	0
"2011-06-16	02:00:00"	6.3206	172.55	79.636	30.573	0.09179	26.261	0
"2011-06-16	03:00:00"	5.6725	195.29	78.619	35.749	0.08034	26.261	0
"2011-06-16	04:00:00"	2.621	178.32	75.835	39.259	0.07843	26.249	0
"2011-06-16	05:00:00"	3.7804	171.92	75.368	41.409	0.09836	26.24	0
"2011-06-16	06:00:00"	4.5901	172.61	73.532	42.814	0.09348	26.246	0
"2011-06-16	07:00:00"	6.2386	198.85	73.022	41.798	3.9119	26.258	0
"2011-06-16	08:00:00"	8.6153	185.54	75.062	39.183	97.075	26.267	0
"2011-06-16	09:00:00"	13.03	189.59	78.267	36.965	284.24	26.273	0
"2011-06-16	10:00:00"	13.599	192.26	82.067	34.336	493.44	26.279	0
"2011-06-16	11:00:00"	11.262	194.01	86.85	28.614	698.04	26.273	0
"2011-06-16	12:00:00"	7.6397	234.82	93.432	16.607	866.36	26.273	0
"2011-06-16	13:00:00"	8.043	259.92	99.03	8.8795	1006.8	26.255	0
"2011-06-16	14:00:00"	9.7655	255.98	102.64	5.1586	1086.2	26.24	0
"2011-06-16	15:00:00"	11.636	235.37	103.41	4.8411	1067.3	26.217	0
"2011-06-16	16:00:00"	14.211	220.5	104.08	4.94	989.55	26.196	0
"2011-06-16	17:00:00"	14.065	233.08	105.15	4.5439	873.2	26.187	0
"2011-06-16	18:00:00"	15.696	229.04	104.18	4.8822	655.67	26.172	0
"2011-06-16	19:00:00"	14.058	240.8	103.37	4.5758	444.23	26.161	0
"2011-06-16	20:00:00"	11.449	238.83	101.11	4.9044	163.82	26.169	0
"2011-06-16	21:00:00"	10.264	254.79	98.445	6.0911	56.746	26.178	0
"2011-06-16	22:00:00"	5.8322	255.57	94.039	7.2097	0.58994	26.178	0
"2011-06-16	23:00:00"	3.7922	225.18	90.27	8.2461	0.05808	26.196	0
"2011-06-17	00:00:00"	10.084	185.72	87.595	11.684	0.08818	26.22	0
"2011-06-17	01:00:00"	9.7655	197	86.613	26.341	0.06932	26.214	0
"2011-06-17	02:00:00"	8.811	194.41	84.586	31.093	0.05405	26.223	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-17"	03:00:00"	10.215	183.25	82.599	31.776	0.07737	26.226	0
"2011-06-17"	04:00:00"	7.4888	188.71	79.891	33.161	0.07123	26.226	0
"2011-06-17"	05:00:00"	5.2897	181.83	76.487	35.528	0.10663	26.234	0
"2011-06-17"	06:00:00"	4.687	172.41	73.615	37.278	0.08967	26.255	0
"2011-06-17"	07:00:00"	5.1437	178.16	71.864	38.922	2.3352	26.267	0
"2011-06-17"	08:00:00"	5.8968	178.69	71.101	41.937	84.492	26.288	0
"2011-06-17"	09:00:00"	7.4359	185.99	76.023	33.266	283.14	26.308	0
"2011-06-17"	10:00:00"	7.6621	212.91	83.225	19.372	498.01	26.326	0
"2011-06-17"	11:00:00"	7.1221	239.78	90.471	10.45	721.6	26.332	0
"2011-06-17"	12:00:00"	5.5364	296.55	94.529	5.87	904.61	26.329	0
"2011-06-17"	13:00:00"	6.096	274.06	96.01	5.1825	1026.9	26.323	0
"2011-06-17"	14:00:00"	5.5768	281.4	97.803	4.37	1083.8	26.299	0
"2011-06-17"	15:00:00"	5.5942	265.7	99.649	4.0142	1076.9	26.279	0
"2011-06-17"	16:00:00"	8.1045	198.53	99.873	4.3558	994.59	26.264	0
"2011-06-17"	17:00:00"	9.5741	220.75	102.03	3.7303	864.05	26.252	0
"2011-06-17"	18:00:00"	10.807	216.43	101.68	3.5308	608.65	26.24	0
"2011-06-17"	19:00:00"	12.831	226.08	101.53	3.2356	482.87	26.24	0
"2011-06-17"	20:00:00"	13.927	222.07	100.07	3.3358	257.85	26.246	0
"2011-06-17"	21:00:00"	11.388	224.6	96.906	3.8978	59.652	26.261	0
"2011-06-17"	22:00:00"	3.6313	224.25	90.202	5.1986	0.73451	26.276	0
"2011-06-17"	23:00:00"	6.4573	215.61	89.231	5.3555	0.09603	26.294	0
"2011-06-18"	00:00:00"	4.0153	225.42	84.751	6.7986	0.07695	26.299	0
"2011-06-18"	01:00:00"	1.8188	236.47	80.646	8.8536	0.08755	26.302	0
"2011-06-18"	02:00:00"	2.5557	224.54	79.46	10.013	0.11383	26.311	0
"2011-06-18"	03:00:00"	4.6945	179.36	77.806	11.046	0.09963	26.311	0
"2011-06-18"	04:00:00"	5.4258	167.85	76.398	23.215	0.08649	26.314	0
"2011-06-18"	05:00:00"	3.5474	176.61	73.327	32.124	0.09052	26.329	0
"2011-06-18"	06:00:00"	3.0485	217.66	73.445	35.88	0.09963	26.35	0
"2011-06-18"	07:00:00"	3.5083	247.99	72.791	36.407	3.3205	26.37	0
"2011-06-18"	08:00:00"	4.1396	230.64	74.345	35.642	81.338	26.382	0
"2011-06-18"	09:00:00"	5.3972	211.18	77.27	32.691	251.97	26.397	0
"2011-06-18"	10:00:00"	4.682	217.81	83.051	26.232	450.76	26.406	0
"2011-06-18"	11:00:00"	4.198	327.92	90.763	13.284	710.97	26.397	0
"2011-06-18"	12:00:00"	3.9948	44.617	94.408	8.0428	878.05	26.388	0
"2011-06-18"	13:00:00"	5.117	212.93	97.018	7.4431	991.28	26.376	0
"2011-06-18"	14:00:00"	6.6251	249.8	98.56	7.2569	1041.5	26.347	0
"2011-06-18"	15:00:00"	10.458	271.25	102.18	6.1394	989.16	26.329	0
"2011-06-18"	16:00:00"	12.86	261.83	103.26	6.5031	950.98	26.311	0
"2011-06-18"	17:00:00"	9.5952	239.87	102.34	6.6631	655.88	26.291	0
"2011-06-18"	18:00:00"	10.629	251.1	102.88	6.4269	483.92	26.282	0
"2011-06-18"	19:00:00"	10.532	236.15	101.46	6.8778	266.38	26.264	0
"2011-06-18"	20:00:00"	11.105	222.28	100.82	7.3394	214.76	26.255	0
"2011-06-18"	21:00:00"	8.1468	256.72	98.096	6.9681	32.223	26.267	0
"2011-06-18"	22:00:00"	3.6779	267.61	91.497	8.9086	0.41654	26.267	0
"2011-06-18"	23:00:00"	5.2754	290.67	89.418	10.055	0.08861	26.279	0
"2011-06-19"	00:00:00"	8.6638	216.98	88.376	13.615	0.08967	26.291	0
"2011-06-19"	01:00:00"	7.3017	204.2	88.003	19.381	0.0956	26.294	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-19	02:00:00"	12.17	190.19	86.508	22.48	0.07589	26.279	0
"2011-06-19	03:00:00"	10.041	184.11	83.491	24.713	0.07313	26.264	0
"2011-06-19	04:00:00"	9.3976	181.24	81.947	25.132	0.0744	26.252	0
"2011-06-19	05:00:00"	8.0933	193.75	80.373	26.116	0.12062	26.267	0
"2011-06-19	06:00:00"	7.0184	196.1	78.991	27.111	0.08606	26.27	0
"2011-06-19	07:00:00"	5.2984	180.85	75.738	30.534	2.8185	26.273	0
"2011-06-19	08:00:00"	5.6551	180.37	74.531	33.403	81.837	26.276	0
"2011-06-19	09:00:00"	10.407	186.74	78.696	33.796	271.89	26.285	0
"2011-06-19	10:00:00"	12.504	192.27	84.458	29.408	487.98	26.285	0
"2011-06-19	11:00:00"	12.59	197.49	89.26	22.318	698.06	26.27	0
"2011-06-19	12:00:00"	11.853	207.67	95.294	13.266	872.06	26.252	0
"2011-06-19	13:00:00"	13.026	234.82	100.23	7.1758	996.43	26.24	0
"2011-06-19	14:00:00"	14.699	243.13	102.32	6.1794	1054.9	26.208	0
"2011-06-19	15:00:00"	16.972	236.6	103.44	5.5739	1049.4	26.187	0
"2011-06-19	16:00:00"	17.324	233.74	104.09	5.2481	975.55	26.169	0
"2011-06-19	17:00:00"	17.276	233.03	104.26	4.9158	836.46	26.146	0
"2011-06-19	18:00:00"	16.739	230.02	104.29	4.8258	657.4	26.119	0
"2011-06-19	19:00:00"	16.437	229.78	103.98	4.8939	446.23	26.102	0
"2011-06-19	20:00:00"	15.56	226.87	102.64	4.9578	208.65	26.093	0
"2011-06-19	21:00:00"	11.315	216.69	99.229	5.7375	18.688	26.099	0
"2011-06-19	22:00:00"	19.929	178.44	92.25	18.491	0.67494	26.119	0
"2011-06-19	23:00:00"	21.562	187.96	87.877	24.934	0.09369	26.143	0
"2011-06-20	00:00:00"	19.51	189.36	86.11	26.374	0.08712	26.152	0
"2011-06-20	01:00:00"	21.37	188.88	85.159	27.266	0.1062	26.14	0
"2011-06-20	02:00:00"	20.826	186.36	83.499	31.408	0.09878	26.125	0
"2011-06-20	03:00:00"	19.476	189.78	83.187	30.188	0.07504	26.137	0
"2011-06-20	04:00:00"	16.728	191.03	82.21	30.737	0.08225	26.143	0
"2011-06-20	05:00:00"	10.9	198.14	80.145	32.348	0.10896	26.146	0
"2011-06-20	06:00:00"	7.7149	204.19	77.432	34.717	0.09348	26.158	0
"2011-06-20	07:00:00"	9.2205	221.99	76.241	34.504	2.9448	26.199	0
"2011-06-20	08:00:00"	9.1894	3.1536	73.328	26.519	83.485	26.217	0
"2011-06-20	09:00:00"	9.7624	359.74	75.64	22.68	276.44	26.226	0
"2011-06-20	10:00:00"	11.375	335.71	79.734	17.882	499.41	26.234	0
"2011-06-20	11:00:00"	8.2506	316.69	83.516	14.74	713.86	26.22	0
"2011-06-20	12:00:00"	7.3284	273.38	87.53	12.027	891.91	26.217	0
"2011-06-20	13:00:00"	11.489	262.34	91.316	10.571	1017.5	26.202	0
"2011-06-20	14:00:00"	13.305	260.38	93.73	9.8967	1079.4	26.184	0
"2011-06-20	15:00:00"	11.636	258.34	95.369	8.7714	1067.3	26.172	0
"2011-06-20	16:00:00"	13.347	258.78	96.657	7.6628	992.57	26.164	0
"2011-06-20	17:00:00"	12.698	248.73	97.547	5.4481	873.52	26.158	0
"2011-06-20	18:00:00"	11.806	237.25	97.355	5.5642	681.19	26.146	0
"2011-06-20	19:00:00"	9.584	244.19	97.543	5.6208	464.24	26.143	0
"2011-06-20	20:00:00"	6.5859	251.27	96.314	5.7142	245.92	26.146	0
"2011-06-20	21:00:00"	5.9993	324.62	92.996	4.5519	61.144	26.167	0
"2011-06-20	22:00:00"	2.4265	334.26	82.853	6.6575	0.8511	26.187	0
"2011-06-20	23:00:00"	3.3144	36.823	77.53	9.0789	0.092	26.211	0
"2011-06-21	00:00:00"	3.2765	37.897	73.249	11.338	0.11404	26.223	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-21	01:00:00"	4.3689	42.04	71.447	13.15	0.1009	26.237	0
"2011-06-21	02:00:00"	8.5501	62.454	71.297	18.461	0.09179	26.252	0
"2011-06-21	03:00:00"	9.5996	90.167	69.451	24.443	0.08204	26.264	0
"2011-06-21	04:00:00"	8.6327	66.257	67.684	26.803	0.11977	26.27	0
"2011-06-21	05:00:00"	8.803	57.926	65.014	31.097	0.11638	26.296	0
"2011-06-21	06:00:00"	9.3454	47.622	64.452	35.164	0.10959	26.317	0
"2011-06-21	07:00:00"	9.0739	43.091	63.186	41.103	3.5846	26.332	0
"2011-06-21	08:00:00"	11.425	49.339	65.62	41.213	89.327	26.35	0
"2011-06-21	09:00:00"	14.862	57.479	69.942	39.252	264.5	26.367	0
"2011-06-21	10:00:00"	16.276	66.232	74.348	36.088	479.85	26.376	0
"2011-06-21	11:00:00"	15.082	69.112	77.089	32.488	687.14	26.379	0
"2011-06-21	12:00:00"	12.598	77.259	79.632	29.458	855.12	26.385	0
"2011-06-21	13:00:00"	9.6455	77.86	82.222	28.224	980.48	26.373	0
"2011-06-21	14:00:00"	7.4819	62.948	84.525	27.794	1030.4	26.358	0
"2011-06-21	15:00:00"	5.9881	47.276	86.995	25.257	1018.7	26.341	0
"2011-06-21	16:00:00"	5.5439	50.389	89.294	22.233	938.88	26.326	0
"2011-06-21	17:00:00"	5.6862	84.901	90.724	20.514	805.26	26.305	0
"2011-06-21	18:00:00"	5.3065	72.218	91.471	19.918	634.79	26.291	0
"2011-06-21	19:00:00"	5.1002	101.04	92.406	18.396	429.2	26.279	0
"2011-06-21	20:00:00"	4.8945	77.275	92.208	18.452	221.22	26.288	0
"2011-06-21	21:00:00"	5.2643	55.059	90.408	19.807	52.117	26.294	0
"2011-06-21	22:00:00"	3.7605	37.405	83.396	24.177	0.67198	26.302	0
"2011-06-21	23:00:00"	6.4902	63.694	80.751	27.631	0.1115	26.332	0
"2011-06-22	00:00:00"	13.314	87.661	82.541	26.804	0.09412	26.361	0
"2011-06-22	01:00:00"	13.049	100.92	81.479	27.307	0.11235	26.379	0
"2011-06-22	02:00:00"	14.089	132.21	78.048	46.284	0.09709	26.397	0
"2011-06-22	03:00:00"	7.7808	175.09	73.714	60.23	0.09158	26.388	0
"2011-06-22	04:00:00"	3.0808	154.08	70.967	63.887	0.07589	26.382	0
"2011-06-22	05:00:00"	1.843	8.1892	66.163	70.905	0.13058	26.391	0
"2011-06-22	06:00:00"	2.4917	26.701	64.981	74.496	0.11087	26.406	0
"2011-06-22	07:00:00"	3.0746	23.294	63.974	77.868	2.4115	26.432	0
"2011-06-22	08:00:00"	6.1118	22.788	66.836	73.531	80.328	26.453	0
"2011-06-22	09:00:00"	7.6733	42.612	74.017	58.77	255.16	26.462	0
"2011-06-22	10:00:00"	10.717	83.308	79.229	46.885	462.47	26.471	0
"2011-06-22	11:00:00"	10.09	122.47	83.07	38.823	659.79	26.468	0
"2011-06-22	12:00:00"	8.8191	135.58	85.386	35.174	826.54	26.474	0
"2011-06-22	13:00:00"	10.748	125.41	87.999	28.891	958.62	26.471	0
"2011-06-22	14:00:00"	10.476	141.44	89.596	25.305	1019.3	26.453	0
"2011-06-22	15:00:00"	9.1591	139.66	91.334	22.032	1018	26.435	0
"2011-06-22	16:00:00"	11.156	140.66	92.637	20.596	931.08	26.418	0
"2011-06-22	17:00:00"	10.288	131.69	93.188	18.726	764.3	26.403	0
"2011-06-22	18:00:00"	11.762	156.65	94.008	16.425	613.77	26.394	0
"2011-06-22	19:00:00"	13.405	141.71	93.161	16.21	397.42	26.382	0
"2011-06-22	20:00:00"	12.833	160.25	92.113	16.315	222.29	26.391	0
"2011-06-22	21:00:00"	11.182	147.01	90.453	17.046	54.241	26.4	0
"2011-06-22	22:00:00"	10.629	140.21	87.162	18.135	0.68681	26.406	0
"2011-06-22	23:00:00"	10.954	147.36	84.418	19.081	0.08161	26.423	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-23"	00:00:00"	11.75	148.51	82.368	22.372	0.08882	26.429	0
"2011-06-23"	01:00:00"	11.637	145.44	80.793	25.46	0.06384	26.429	0
"2011-06-23"	02:00:00"	11.275	143.24	78.887	27.884	0.07907	26.432	0
"2011-06-23"	03:00:00"	10.409	152.68	76.76	30.03	0.10196	26.429	0
"2011-06-23"	04:00:00"	7.9225	156.15	74.011	33.295	0.07928	26.426	0
"2011-06-23"	05:00:00"	6.5455	174.36	72.251	42.24	0.10578	26.438	0
"2011-06-23"	06:00:00"	7.3371	174.06	71.356	49.126	0.10408	26.438	0
"2011-06-23"	07:00:00"	6.2746	179.29	69.554	54.959	3.4939	26.444	0
"2011-06-23"	08:00:00"	7.0569	178.73	70.102	56.812	86.94	26.459	0
"2011-06-23"	09:00:00"	12.479	183.92	75.909	44.03	270.2	26.48	0
"2011-06-23"	10:00:00"	17.074	188.21	82.364	24.058	486.23	26.48	0
"2011-06-23"	11:00:00"	18.712	190.91	86.339	15.845	692.68	26.48	0
"2011-06-23"	12:00:00"	17.627	187.53	89.321	13.492	865.37	26.474	0
"2011-06-23"	13:00:00"	18.362	180.77	91.392	12.816	988.14	26.462	0
"2011-06-23"	14:00:00"	16.928	178.33	93.387	12.856	1049.2	26.444	0
"2011-06-23"	15:00:00"	15.973	177.56	94.961	13.213	1041.9	26.423	0
"2011-06-23"	16:00:00"	14.892	171.11	96.264	13.143	966.32	26.397	0
"2011-06-23"	17:00:00"	14.171	153.65	96.674	12.811	830.76	26.379	0
"2011-06-23"	18:00:00"	14.029	157.27	96.883	11.649	654.12	26.364	0
"2011-06-23"	19:00:00"	14.869	162.85	96.571	10.101	452.3	26.344	0
"2011-06-23"	20:00:00"	15.809	175.27	95.543	11.261	240.44	26.353	0
"2011-06-23"	21:00:00"	15.228	173.27	92.793	13.201	56.876	26.353	0
"2011-06-23"	22:00:00"	12.828	165.18	88.795	15.819	0.68639	26.356	0
"2011-06-23"	23:00:00"	12.748	164.55	86.049	18.147	0.11087	26.361	0
"2011-06-24"	00:00:00"	13.293	161.25	84.204	20.822	0.07377	26.356	0
"2011-06-24"	01:00:00"	12.88	164.4	82.302	21.743	0.08797	26.353	0
"2011-06-24"	02:00:00"	12.628	169.03	80.833	19.561	0.092	26.35	0
"2011-06-24"	03:00:00"	12.724	167.24	78.953	22.269	0.08967	26.335	0
"2011-06-24"	04:00:00"	11.295	171.53	76.582	26.929	0.09327	26.329	0
"2011-06-24"	05:00:00"	10.23	177.11	73.895	36.344	0.10005	26.329	0
"2011-06-24"	06:00:00"	10.297	186.72	72.754	45.261	0.11193	26.329	0
"2011-06-24"	07:00:00"	8.4836	183.3	71.225	51.901	3.5659	26.335	0
"2011-06-24"	08:00:00"	9.2118	181.36	71.356	55.019	91.156	26.347	0
"2011-06-24"	09:00:00"	13.89	186.53	75.972	46.936	275.57	26.353	0
"2011-06-24"	10:00:00"	15.096	189.74	80.732	36.187	488.19	26.358	0
"2011-06-24"	11:00:00"	10.829	200.3	86.025	26.604	693.11	26.356	0
"2011-06-24"	12:00:00"	9.5573	219.53	91.306	19.351	868.53	26.35	0
"2011-06-24"	13:00:00"	9.8481	214.36	95.854	14.527	994.09	26.335	0
"2011-06-24"	14:00:00"	9.6431	216.75	99.684	10.44	1056.9	26.317	0
"2011-06-24"	15:00:00"	10.034	208.9	101.48	8.8008	1052.5	26.294	0
"2011-06-24"	16:00:00"	10.69	205.86	103.24	7.6308	974.7	26.273	0
"2011-06-24"	17:00:00"	8.8974	210.04	104.58	6.5906	840.73	26.252	0
"2011-06-24"	18:00:00"	6.745	233.61	105.97	5.5128	661.44	26.24	0
"2011-06-24"	19:00:00"	7.9094	202.95	105.32	5.4575	450.95	26.229	0
"2011-06-24"	20:00:00"	7.7205	210.78	104.48	5.4744	238.63	26.229	0
"2011-06-24"	21:00:00"	15.811	179.16	100.47	8.4508	56.494	26.232	0
"2011-06-24"	22:00:00"	14.975	173.38	94.873	11.569	0.74659	26.249	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-24	23:00:00"	14.582	175.27	91.201	13.451	0.07737	26.267	0
"2011-06-25	00:00:00"	14.124	183.03	88.503	16.108	0.09475	26.285	0
"2011-06-25	01:00:00"	14.722	183.85	85.802	21.935	0.07526	26.279	0
"2011-06-25	02:00:00"	14.014	185.66	82.877	27.848	0.09327	26.27	0
"2011-06-25	03:00:00"	12.658	187.9	79.967	34.841	0.085	26.27	0
"2011-06-25	04:00:00"	11.843	184.27	77.556	41.825	0.07334	26.267	0
"2011-06-25	05:00:00"	10.73	183.89	75.644	47.688	0.09687	26.27	0
"2011-06-25	06:00:00"	9.7916	191.65	73.727	52.388	0.0867	26.27	0
"2011-06-25	07:00:00"	8.2133	180.06	70.94	58.688	3.2333	26.282	0
"2011-06-25	08:00:00"	8.4519	180.8	70.817	60.579	92.126	26.302	0
"2011-06-25	09:00:00"	11.251	190.98	75.336	52.301	278.16	26.32	0
"2011-06-25	10:00:00"	9.6468	209.63	81.301	40.217	495.45	26.335	0
"2011-06-25	11:00:00"	9.6617	224.26	87.839	27.607	703.16	26.332	0
"2011-06-25	12:00:00"	5.4457	244.36	95.358	15.153	880.64	26.332	0
"2011-06-25	13:00:00"	5.309	287.46	99.694	10.115	1007.4	26.326	0
"2011-06-25	14:00:00"	3.883	238.65	102.23	8.1097	1068.2	26.308	0
"2011-06-25	15:00:00"	6.5673	256.8	105.27	6.2281	1062.2	26.288	0
"2011-06-25	16:00:00"	8.3736	235.39	106.19	4.7428	984.1	26.27	0
"2011-06-25	17:00:00"	8.8483	195.16	106.52	4.0389	850.35	26.258	0
"2011-06-25	18:00:00"	7.3334	231.61	107.05	4.0872	668	26.249	0
"2011-06-25	19:00:00"	7.7771	221.18	106.8	4.0072	457.23	26.24	0
"2011-06-25	20:00:00"	8.3668	210.78	105.58	3.9603	243.74	26.246	0
"2011-06-25	21:00:00"	5.2587	225.12	102.4	4.4917	58.755	26.252	0
"2011-06-25	22:00:00"	6.3858	185.26	97.006	8.9139	0.72094	26.276	0
"2011-06-25	23:00:00"	13.203	175.9	92.381	25.014	0.07038	26.291	0
"2011-06-26	00:00:00"	15.604	180.71	88.891	31.467	0.06741	26.305	0
"2011-06-26	01:00:00"	16.414	179.45	85.561	37.168	0.0831	26.305	0
"2011-06-26	02:00:00"	15.882	183.19	82.785	43.588	0.07695	26.302	0
"2011-06-26	03:00:00"	15.216	187.39	81.094	48.397	0.09052	26.299	0
"2011-06-26	04:00:00"	15.202	190.07	80.084	51.042	0.085	26.302	0
"2011-06-26	05:00:00"	14.702	189.01	79.159	53.097	0.09073	26.299	0
"2011-06-26	06:00:00"	14.315	190.02	78.202	54.521	0.09963	26.308	0
"2011-06-26	07:00:00"	10.189	199.28	76.471	57.562	2.8624	26.332	0
"2011-06-26	08:00:00"	10.049	200.62	75.833	60.032	88.389	26.347	0
"2011-06-26	09:00:00"	9.5648	217.84	78.774	55.589	273.23	26.364	0
"2011-06-26	10:00:00"	8.9595	215.7	83.245	46.593	493.64	26.364	0
"2011-06-26	11:00:00"	8.1741	224.71	89.584	33.964	701.73	26.367	0
"2011-06-26	12:00:00"	5.9813	244.78	96.027	21.915	876.12	26.367	0
"2011-06-26	13:00:00"	5.3438	269.62	99.948	13.689	1001.8	26.353	0
"2011-06-26	14:00:00"	4.7305	134.01	102.16	10.671	1062.8	26.338	0
"2011-06-26	15:00:00"	6.1963	199.05	104.2	8.8533	1058.9	26.314	0
"2011-06-26	16:00:00"	7.183	184.76	105.07	8.4442	849.85	26.294	0
"2011-06-26	17:00:00"	7.3465	205.89	105.75	7.995	682.58	26.279	0
"2011-06-26	18:00:00"	5.9099	232.98	105.98	7.3536	592.97	26.261	0
"2011-06-26	19:00:00"	7.7193	200.54	105.26	6.9414	318.68	26.255	0
"2011-06-26	20:00:00"	13.318	184.48	104.11	8.43	232.59	26.258	0
"2011-06-26	21:00:00"	20.162	176.96	99.829	13.099	49.583	26.273	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-26	22:00:00"	17.448	170.45	95.448	16.916	0.52147	26.291	0
"2011-06-26	23:00:00"	14.855	169.97	91.624	22.636	0.0956	26.314	0
"2011-06-27	00:00:00"	16.148	172.68	88.276	29.683	0.09433	26.32	0
"2011-06-27	01:00:00"	17.261	178.82	85.137	35.277	0.08373	26.332	0
"2011-06-27	02:00:00"	15.802	177.22	82.558	39.316	0.10217	26.338	0
"2011-06-27	03:00:00"	14.889	180.56	80.521	43.98	0.09942	26.335	0
"2011-06-27	04:00:00"	13.653	182.59	79.24	47.58	0.08691	26.341	0
"2011-06-27	05:00:00"	11.46	179.49	77.929	50.426	0.06381	26.344	0
"2011-06-27	06:00:00"	9.3342	185.5	76.906	51.807	0.08182	26.364	0
"2011-06-27	07:00:00"	8.9471	167.46	75.905	52.592	2.5673	26.37	0
"2011-06-27	08:00:00"	11.374	170.18	76.662	50.243	83.209	26.388	0
"2011-06-27	09:00:00"	16.27	173.47	79.794	44.527	275.46	26.4	0
"2011-06-27	10:00:00"	14.074	183.29	83.866	37.643	494.35	26.418	0
"2011-06-27	11:00:00"	10.209	199.15	87.613	31.406	691.46	26.423	0
"2011-06-27	12:00:00"	9.8121	198.86	91.496	24.638	877.59	26.423	0
"2011-06-27	13:00:00"	9.6294	190.88	94.814	19.316	1007.1	26.418	0
"2011-06-27	14:00:00"	10.647	190.14	98.323	14.348	1054.2	26.409	0
"2011-06-27	15:00:00"	10.512	172.77	100.5	10.468	1058.4	26.394	0
"2011-06-27	16:00:00"	11.406	181.96	102.13	7.6544	985.22	26.385	0
"2011-06-27	17:00:00"	12.004	152.99	102.17	8.5958	842.73	26.373	0
"2011-06-27	18:00:00"	12.957	148.61	102.26	8.6228	661.43	26.356	0
"2011-06-27	19:00:00"	15.102	154.84	101.28	10.196	450.84	26.353	0
"2011-06-27	20:00:00"	14.945	154.54	100.03	10.08	229.8	26.379	0
"2011-06-27	21:00:00"	12.575	152.24	96.757	12.347	28.592	26.4	0
"2011-06-27	22:00:00"	9.0559	139.67	92.876	15.561	0.30843	26.429	0
"2011-06-27	23:00:00"	7.6478	139.08	89.337	17.15	0.09899	26.462	0
"2011-06-28	00:00:00"	10.189	146.73	87.278	19.457	0.09094	26.474	0
"2011-06-28	01:00:00"	9.5604	160.7	85.795	22.757	0.09378	26.491	0
"2011-06-28	02:00:00"	5.4761	177.2	82.958	26.351	0.07186	26.494	0
"2011-06-28	03:00:00"	6.0658	187.55	81.256	30.772	0.09857	26.503	0
"2011-06-28	04:00:00"	7.4185	169	79.875	35.071	0.10217	26.5	0
"2011-06-28	05:00:00"	9.699	161.9	79.323	39.821	0.09793	26.503	0
"2011-06-28	06:00:00"	12.505	169.65	78.853	43.762	0.09878	26.512	0
"2011-06-28	07:00:00"	9.5598	153.18	77.218	48.664	4.6926	26.527	0
"2011-06-28	08:00:00"	7.5689	126.55	76.234	53.091	93.319	26.553	0
"2011-06-28	09:00:00"	8.7564	135	77.608	52.992	293.03	26.568	0
"2011-06-28	10:00:00"	11.462	169.94	80.046	51.703	501.35	26.565	0
"2011-06-28	11:00:00"	12.632	179.08	83.769	44.441	673.58	26.559	0
"2011-06-28	12:00:00"	10.896	165.6	87.277	35.951	756.86	26.547	0
"2011-06-28	13:00:00"	12.112	144.01	90.92	28.089	908.62	26.533	0
"2011-06-28	14:00:00"	12.831	146	93.622	21.811	1052.5	26.521	0
"2011-06-28	15:00:00"	13.156	148.69	95.838	17.107	1046.8	26.497	0
"2011-06-28	16:00:00"	13.463	152.65	97.512	14.211	962.57	26.474	0
"2011-06-28	17:00:00"	14.897	150.46	97.846	13.668	776.05	26.459	0
"2011-06-28	18:00:00"	15.092	144.91	97.495	15.349	606.25	26.45	0
"2011-06-28	19:00:00"	15.061	156.52	97.316	15.512	410.75	26.438	0
"2011-06-28	20:00:00"	15.743	154.97	96.313	14.084	214.05	26.438	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-28	21:00:00"	14.043	155.16	94.229	15.233	43.796	26.435	0
"2011-06-28	22:00:00"	10.908	153.26	90.665	17.324	0.23763	26.447	0
"2011-06-28	23:00:00"	8.1859	153.56	86.682	20.143	0.05405	26.459	0
"2011-06-29	00:00:00"	9.0857	153.61	84.404	22.432	0.08585	26.468	0
"2011-06-29	01:00:00"	10.645	158.7	82.921	24.906	0.08585	26.485	0
"2011-06-29	02:00:00"	10.338	176.1	81.198	31.594	0.10578	26.503	0
"2011-06-29	03:00:00"	9.7071	188.49	79.515	41.697	0.08352	26.503	0
"2011-06-29	04:00:00"	8.45	182.54	77.297	47.513	0.09793	26.5	0
"2011-06-29	05:00:00"	6.8282	177.53	74.797	52.439	0.08034	26.497	0
"2011-06-29	06:00:00"	7.7988	165.79	74.156	54.991	0.08225	26.5	0
"2011-06-29	07:00:00"	9.7624	157.33	73.5	58.158	5.0341	26.506	0
"2011-06-29	08:00:00"	11.676	154.97	73.887	60.342	103.98	26.515	0
"2011-06-29	09:00:00"	15.23	178.87	76.82	57.217	300.95	26.521	0
"2011-06-29	10:00:00"	15.516	183	80.094	50.289	517.73	26.524	0
"2011-06-29	11:00:00"	14.082	188.57	83.774	42.071	723.55	26.515	0
"2011-06-29	12:00:00"	14.307	192.2	88.238	30.75	870.55	26.506	0
"2011-06-29	13:00:00"	13.585	190.75	91.982	23.423	1014.8	26.497	0
"2011-06-29	14:00:00"	13.999	174.1	94.897	18.547	1068.9	26.477	0
"2011-06-29	15:00:00"	14.76	160.03	96.785	15.631	1049.1	26.459	0
"2011-06-29	16:00:00"	14.458	176.69	97.68	13.186	964.82	26.447	0
"2011-06-29	17:00:00"	14.42	155.93	98.415	12.926	819.2	26.429	0
"2011-06-29	18:00:00"	16.018	148.42	97.609	13.185	553.15	26.418	0
"2011-06-29	19:00:00"	16.299	158.03	97.017	13.137	425.78	26.406	0
"2011-06-29	20:00:00"	17.291	154.43	95.707	13.112	216.05	26.403	0
"2011-06-29	21:00:00"	16.317	152.7	93.178	15.603	44.4	26.406	0
"2011-06-29	22:00:00"	12.527	153.55	89.648	19.189	0.29635	26.423	0
"2011-06-29	23:00:00"	11.416	154.11	86.785	23.488	0.08755	26.444	0
"2011-06-30	01:00:00"	8.7079	169.16	82.64	31.057	0.09227	26.459	0
"2011-06-30	02:00:00"	10.951	182.77	79.738	40.382	0.08882	26.468	0
"2011-06-30	03:00:00"	11.131	181.99	77.856	46.929	0.10111	26.462	0
"2011-06-30	04:00:00"	9.5461	179.41	75.963	50.29	0.07886	26.459	0
"2011-06-30	05:00:00"	6.5909	181.23	74.062	53.195	0.10684	26.453	0
"2011-06-30	06:00:00"	3.7307	175.69	72.014	56.387	0.10048	26.459	0
"2011-06-30	07:00:00"	4.6721	164.6	71.117	58.187	2.0889	26.471	0
"2011-06-30	08:00:00"	9.2149	159.24	71.977	58.525	79.212	26.474	0
"2011-06-30	09:00:00"	17.776	168.05	75.499	54.885	268.81	26.488	0
"2011-06-30	10:00:00"	18.57	170.95	78.984	48.471	485.79	26.497	0
"2011-06-30	11:00:00"	17.847	175.25	82.345	41.59	694.58	26.497	0
"2011-06-30	12:00:00"	17.636	178.03	85.679	34.433	868.63	26.497	0
"2011-06-30	13:00:00"	18.281	167.64	88.716	27.188	991.49	26.483	0
"2011-06-30	14:00:00"	18.126	165.23	90.985	22.404	1052.6	26.468	0
"2011-06-30	15:00:00"	17.4	168.18	92.666	20.34	1040.9	26.447	0
"2011-06-30	16:00:00"	17.429	156.78	93.538	17.693	969.2	26.423	0
"2011-06-30	17:00:00"	17.303	163	94.264	16.723	834.02	26.412	0
"2011-06-30	18:00:00"	17.812	158.57	94.404	15.681	655.31	26.4	0
"2011-06-30	19:00:00"	17.398	164.04	93.78	15.396	448.22	26.391	0
"2011-06-30	20:00:00"	17.531	173.11	92.497	17.323	234.52	26.394	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-06-30	21:00:00"	16.755	166.68	89.873	19.83	57.702	26.403	0
"2011-06-30	22:00:00"	14.202	166.94	86.661	24.091	0.61962	26.42	0
"2011-06-30	23:00:00"	12.616	162.72	84.02	29.326	0.09221	26.438	0
"2011-07-01	01:00:00"	14.436	169.63	80.584	38.888	0.08078	26.465	0
"2011-07-01	02:00:00"	12.935	173.31	76.395	50.018	0.0744	0.26282	0
"2011-07-01	03:00:00"	15.606	166.59	74.655	50.787	0.08055	26.447	0
"2011-07-01	04:00:00"	14.582	169.75	72.773	53.759	0.085	26.444	0
"2011-07-01	05:00:00"	13.991	163.08	71.836	54.314	0.06593	26.438	0
"2011-07-01	06:00:00"	10.614	156.97	70.823	55.39	0.11108	26.441	0
"2011-07-01	07:00:00"	6.4542	157.64	69.274	58.529	2.3504	26.468	0
"2011-07-01	08:00:00"	4.9175	152.12	69.035	60.407	82.295	26.471	0
"2011-07-01	09:00:00"	12.382	154.8	72.284	57.315	268.06	26.474	0
"2011-07-01	10:00:00"	15.539	164.25	76.112	51.251	485.55	26.48	0
"2011-07-01	11:00:00"	15.04	164.66	79.588	44.826	690.8	26.474	0
"2011-07-01	12:00:00"	14.407	162.49	82.905	38.735	866.44	26.474	0
"2011-07-01	13:00:00"	15.001	165.27	85.599	34.017	991.21	26.465	0
"2011-07-01	14:00:00"	13.763	158.08	87.736	30.595	1054.1	26.45	0
"2011-07-01	15:00:00"	13.947	151.17	89.808	27.964	1046.5	26.444	0
"2011-07-01	16:00:00"	12.859	151.62	91.127	24.542	984.93	26.429	0
"2011-07-01	17:00:00"	13.798	149.35	92.215	23.358	758.84	26.415	0
"2011-07-01	18:00:00"	14.122	151.3	92.237	24.469	602.33	26.409	0
"2011-07-01	19:00:00"	13.942	153.32	91.876	25.417	461.16	26.412	0
"2011-07-01	20:00:00"	15.132	160.18	90.286	27.311	218.61	26.418	0
"2011-07-01	21:00:00"	16.369	149.55	88.112	30.355	50.734	26.435	0
"2011-07-01	22:00:00"	16.042	156.36	85.599	33.023	0.53164	26.456	0
"2011-07-01	23:00:00"	15.207	158.95	83.539	36.099	0.09052	26.48	0
"2011-07-02	00:00:00"	15.402	160.1	81.527	41.489	0.08352	26.494	0
"2011-07-02	01:00:00"	15.382	164.73	79.884	44.618	0.08479	26.503	0
"2011-07-02	02:00:00"	11.78	162.37	78.006	47.839	0.08076	26.506	0
"2011-07-02	03:00:00"	10.793	160.08	76.447	51.717	0.07864	26.503	0
"2011-07-02	04:00:00"	9.548	147.02	75.103	54.906	0.09984	26.497	0
"2011-07-02	05:00:00"	8.0784	138.27	73.343	58.791	0.10111	26.506	0
"2011-07-02	06:00:00"	9.1329	138.85	72.35	61.908	0.07949	26.515	0
"2011-07-02	07:00:00"	8.9943	138.13	71.372	66.552	2.1694	26.53	0
"2011-07-02	08:00:00"	10.132	140.92	71.61	67.927	76.491	26.55	0
"2011-07-02	09:00:00"	15.186	156.47	74.431	59.337	282.51	26.568	0
"2011-07-02	10:00:00"	16.681	160.42	77.905	47.968	478.25	26.58	0
"2011-07-02	11:00:00"	16.291	157.4	81.704	40.439	723.34	26.577	0
"2011-07-02	12:00:00"	15.586	160.89	84.116	35.366	829.08	26.577	0
"2011-07-02	13:00:00"	15.233	161.61	86.211	31.299	990.2	26.568	0
"2011-07-02	14:00:00"	14.162	155.13	88.055	28.458	996.1	26.556	0
"2011-07-02	15:00:00"	14.638	152.8	89.175	26.915	1000.4	26.542	0
"2011-07-02	16:00:00"	14.869	157.16	90.504	25.857	970.81	26.527	0
"2011-07-02	17:00:00"	14.807	147.68	91.128	25.014	672.8	26.503	0
"2011-07-02	18:00:00"	13.834	143.35	90.987	25.736	518.63	26.48	0
"2011-07-02	19:00:00"	13.496	151.31	91.113	24.702	466.2	26.471	0
"2011-07-02	20:00:00"	12.29	139.63	90.297	25.063	210.76	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-02	21:00:00"	11.318	137.95	88.759	25.977	52.713	26.488	0
"2011-07-02	22:00:00"	10.542	151.07	86.171	28.666	0.63021	26.5	0
"2011-07-02	23:00:00"	9.1503	159.25	83.63	31.946	0.10005	26.524	0
"2011-07-03	00:00:00"	9.489	167.99	81.84	36.043	0.10302	26.533	0
"2011-07-03	01:00:00"	9.5474	166.51	81.115	37.639	0.09878	26.533	0
"2011-07-03	02:00:00"	8.5476	163.58	79.283	40.101	0.09179	26.527	0
"2011-07-03	03:00:00"	8.276	161.43	77.561	44.581	0.06868	26.53	0
"2011-07-03	04:00:00"	6.6735	167.03	75.692	49.341	0.10281	26.521	0
"2011-07-03	05:00:00"	6.5536	164.73	74.116	53.659	0.08119	26.518	0
"2011-07-03	06:00:00"	7.7491	165.1	73.844	56.039	0.10938	26.518	0
"2011-07-03	07:00:00"	6.287	156.03	72.88	58.653	1.9161	26.524	0
"2011-07-03	08:00:00"	6.6636	170.75	72.836	59.93	76.922	26.527	0
"2011-07-03	09:00:00"	10.88	181.91	76.651	53.713	258.09	26.539	0
"2011-07-03	10:00:00"	10.832	187.16	80.368	46.075	461.17	26.547	0
"2011-07-03	11:00:00"	11.774	185.57	83.73	37.527	667.21	26.539	0
"2011-07-03	12:00:00"	11.293	180.21	86.547	31.07	842.39	26.533	0
"2011-07-03	13:00:00"	10.38	177.79	88.122	28.438	886	26.521	0
"2011-07-03	14:00:00"	10.451	163.16	89.274	26.786	805.36	26.503	0
"2011-07-03	15:00:00"	9.7537	151.09	90.732	24.572	903.69	26.485	0
"2011-07-03	16:00:00"	10.176	169.56	91.918	22.974	722.47	26.462	0
"2011-07-03	17:00:00"	9.5977	173.61	92.44	21.733	727.48	26.432	0
"2011-07-03	18:00:00"	9.8332	157.45	91.956	22.027	308.83	26.415	0
"2011-07-03	19:00:00"	12.119	156.81	92.019	22.057	423.46	26.394	0
"2011-07-03	20:00:00"	18.839	134.17	88.513	26.567	198.35	26.397	0
"2011-07-03	21:00:00"	14.734	142.18	88.162	24.849	61.293	26.423	0
"2011-07-03	22:00:00"	8.0666	133.7	86.056	26.514	0.55369	26.432	0
"2011-07-03	23:00:00"	7.8777	137.53	83.894	28.678	0.08352	26.444	0
"2011-07-04	00:00:00"	7.7342	144.05	81.922	30.811	0.09475	26.453	0
"2011-07-04	01:00:00"	8.3158	160.41	79.618	32.604	0.08606	26.453	0
"2011-07-04	02:00:00"	6.7562	176.32	77.699	31.822	0.12231	26.459	0
"2011-07-04	03:00:00"	5.7564	195.06	75.323	34.105	0.085	26.462	0
"2011-07-04	04:00:00"	3.4393	264.46	74.595	36.034	0.0831	26.471	0
"2011-07-04	05:00:00"	3.8183	237.32	74.116	37.838	0.10323	26.471	0
"2011-07-04	06:00:00"	2.4209	302.96	73.863	41.807	0.08585	26.468	0
"2011-07-04	07:00:00"	2.5035	185.69	73.232	43.787	1.3143	26.474	0
"2011-07-04	08:00:00"	3.8289	170	73.585	45.113	70.672	26.483	0
"2011-07-04	09:00:00"	7.9169	181.41	77.776	41.915	255.91	26.5	0
"2011-07-04	10:00:00"	10.87	188.25	80.363	38.973	474.92	26.506	0
"2011-07-04	11:00:00"	7.5335	184.4	83.084	33.057	675.37	26.503	0
"2011-07-04	12:00:00"	8.2854	165.57	85.956	28.072	849.92	26.491	0
"2011-07-04	13:00:00"	10.593	153.77	88.129	24.209	984.28	26.483	0
"2011-07-04	14:00:00"	11.514	141.99	89.989	21.871	1060.6	26.462	0
"2011-07-04	15:00:00"	11.034	144.59	91.596	19.661	1074.1	26.447	0
"2011-07-04	16:00:00"	11.348	132.71	92.832	17.206	951.82	26.429	0
"2011-07-04	17:00:00"	10.547	140.48	93.796	15.08	849.4	26.412	0
"2011-07-04	18:00:00"	10.303	124.74	94.19	14.412	617.95	26.4	0
"2011-07-04	19:00:00"	9.1727	138.61	93.862	15.676	468.4	26.391	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-04	20:00:00"	8.0629	145.4	93.438	16.826	252.07	26.394	0
"2011-07-04	21:00:00"	8.8639	139.85	92.324	18.079	71.266	26.4	0
"2011-07-04	22:00:00"	8.9111	138.78	89.565	21.164	0.83817	26.418	0
"2011-07-04	23:00:00"	7.2688	105.88	86.939	24.899	0.08331	26.441	0
"2011-07-05	00:00:00"	5.3767	118.33	86.386	25.538	0.07822	26.453	0
"2011-07-05	01:00:00"	5.5619	112.53	83.603	29.127	0.09899	26.459	0
"2011-07-05	02:00:00"	6.7288	155.35	82.204	30.976	0.11277	26.471	0
"2011-07-05	03:00:00"	4.508	173.3	79.339	33.929	0.08585	26.471	0
"2011-07-05	04:00:00"	5.2829	182.72	77.993	35.176	0.08543	26.471	0
"2011-07-05	05:00:00"	7.7709	192.8	76.959	36.391	0.07207	26.474	0
"2011-07-05	06:00:00"	4.2502	182.26	74.597	39.172	0.08649	26.477	0
"2011-07-05	07:00:00"	3.7842	192.28	74.108	39.994	1.5581	26.494	0
"2011-07-05	08:00:00"	4.5689	177.09	73.381	41.159	63.267	26.5	0
"2011-07-05	09:00:00"	6.7251	184.18	77.714	37.175	253.48	26.512	0
"2011-07-05	10:00:00"	10.795	187.53	81.778	32.514	475	26.518	0
"2011-07-05	11:00:00"	9.9761	181.96	84.962	28.536	679.98	26.515	0
"2011-07-05	12:00:00"	9.6132	161.3	87.782	25.337	875.1	26.512	0
"2011-07-05	13:00:00"	11.379	146.18	89.11	23.445	753.44	26.5	0
"2011-07-05	14:00:00"	12.57	146.02	91.473	20.825	994.77	26.488	0
"2011-07-05	15:00:00"	10.447	122.83	92.635	19.971	959.95	26.471	0
"2011-07-05	16:00:00"	12.491	133.37	92.874	19.686	503.68	26.456	0
"2011-07-05	17:00:00"	12.329	128.75	94.497	16.906	836.59	26.444	0
"2011-07-05	18:00:00"	11.812	130.71	94.227	16.649	636.1	26.426	0
"2011-07-05	19:00:00"	11.095	134.91	94.005	16.916	375.18	26.426	0
"2011-07-05	20:00:00"	10.518	128.8	93.386	17.714	209.28	26.426	0
"2011-07-05	21:00:00"	9.6797	130.24	91.838	19.147	52.356	26.435	0
"2011-07-05	22:00:00"	7.4912	129.53	88.955	20.913	0.57171	26.441	0
"2011-07-05	23:00:00"	7.5919	130.8	86.828	21.957	0.09857	26.456	0
"2011-07-06	00:00:00"	5.8782	134.81	84.057	23.861	0.09348	26.465	0
"2011-07-06	01:00:00"	5.3073	141.48	82.431	25.297	0.08794	26.474	0
"2011-07-06	02:00:00"	5.5153	176.81	79.922	28.154	0.07843	26.48	0
"2011-07-06	03:00:00"	5.368	190.63	77.698	31.797	0.11977	26.483	0
"2011-07-06	04:00:00"	3.7798	180.5	75.494	35.019	0.0867	26.494	0
"2011-07-06	05:00:00"	4.7727	177.81	73.833	37.969	0.09899	26.5	0
"2011-07-06	06:00:00"	3.7618	180.42	72.834	40.399	0.11065	26.512	0
"2011-07-06	07:00:00"	3.3156	177.34	72.058	42.485	1.5197	26.515	0
"2011-07-06	08:00:00"	3.9606	174.06	73.212	41.834	74.473	26.533	0
"2011-07-06	09:00:00"	8.9757	178.55	77.573	37.121	259.3	26.539	0
"2011-07-06	10:00:00"	9.6499	185.46	82.028	32.179	483.15	26.542	0
"2011-07-06	11:00:00"	9.0267	185.87	86.352	25.402	694.65	26.545	0
"2011-07-06	12:00:00"	8.4904	167.33	89.446	21.918	872.57	26.533	0
"2011-07-06	13:00:00"	11.357	138.73	91.729	18.791	997.89	26.518	0
"2011-07-06	14:00:00"	12.553	144.57	92.775	17.793	1018.9	26.503	0
"2011-07-06	15:00:00"	11.266	135.34	93.261	17.509	831.4	26.485	0
"2011-07-06	16:00:00"	11.814	131.04	94.221	17.136	710.13	26.471	0
"2011-07-06	17:00:00"	11.235	114.97	94.395	16.813	612.34	26.453	0
"2011-07-06	18:00:00"	12.843	149.19	94.371	17.065	449.13	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-06"	19:00:00"	12.288	138.08	93.867	17.609	320.71	26.432	0
"2011-07-06"	20:00:00"	11.387	125.49	93.34	17.041	185.4	26.435	0
"2011-07-06"	21:00:00"	9.8469	134.79	91.577	17.472	34.236	26.435	0
"2011-07-06"	22:00:00"	8.3599	122.65	88.795	19.007	0.72709	26.447	0
"2011-07-06"	23:00:00"	8.8601	122.55	86.355	20.564	0.08119	26.468	0
"2011-07-07"	00:00:00"	8.0592	133.7	83.957	22.417	0.07992	26.465	0
"2011-07-07"	01:00:00"	8.4725	130.98	82.185	24.518	0.05538	26.465	0
"2011-07-07"	02:00:00"	9.3404	142.01	80.664	27.4	0.10811	26.474	0
"2011-07-07"	03:00:00"	5.647	168.44	78.14	31.617	0.08818	26.465	0
"2011-07-07"	04:00:00"	4.7585	175.58	76.079	35.34	0.06677	26.468	0
"2011-07-07"	05:00:00"	4.1365	178.39	74.207	38.794	0.11404	26.471	0
"2011-07-07"	06:00:00"	3.466	181.76	73.382	40.651	0.09624	26.48	0
"2011-07-07"	07:00:00"	4.0234	186	72.755	41.984	1.5523	26.483	0
"2011-07-07"	08:00:00"	4.0638	177.54	72.741	42.375	75.228	26.488	0
"2011-07-07"	09:00:00"	8.9297	185.69	77.317	37.543	259.63	26.494	0
"2011-07-07"	10:00:00"	10.738	192.86	82.651	31.365	477.88	26.5	0
"2011-07-07"	11:00:00"	10.4	195.57	86.744	26.362	685.98	26.5	0
"2011-07-07"	12:00:00"	7.6416	193.87	89.498	24.111	864.56	26.483	0
"2011-07-07"	13:00:00"	8.0157	180.39	91.659	20.944	992.12	26.471	0
"2011-07-07"	14:00:00"	6.5095	136.46	92.978	18.287	1056.1	26.45	0
"2011-07-07"	15:00:00"	7.3608	145.25	94.859	16.043	1052.3	26.429	0
"2011-07-07"	16:00:00"	8.3245	156.94	95.9	15.617	984.58	26.406	0
"2011-07-07"	17:00:00"	8.6781	131.1	96.818	14.746	852.5	26.385	0
"2011-07-07"	18:00:00"	8.4401	148.92	97.367	14.234	682.53	26.37	0
"2011-07-07"	19:00:00"	7.9386	125.52	96.956	14.446	404.15	26.361	0
"2011-07-07"	20:00:00"	9.868	135.51	96.373	14.958	229.46	26.367	0
"2011-07-07"	21:00:00"	9.8655	141.32	94.595	16.169	56.146	26.37	0
"2011-07-07"	22:00:00"	7.3682	136.44	90.885	18.707	0.73154	26.379	0
"2011-07-07"	23:00:00"	6.85	143.5	88.415	20.416	0.07123	26.391	0
"2011-07-08"	00:00:00"	6.3206	145.61	85.606	22.477	0.07843	26.397	0
"2011-07-08"	01:00:00"	8.4028	157.82	84.123	23.686	0.08882	26.403	0
"2011-07-08"	02:00:00"	7.9026	160.86	82.292	25.426	0.08437	26.406	0
"2011-07-08"	03:00:00"	6.4455	179.83	79.205	29.729	0.0778	26.403	0
"2011-07-08"	04:00:00"	5.3966	182.6	76.762	33.788	0.09115	26.4	0
"2011-07-08"	05:00:00"	5.1586	179.73	74.569	37.19	0.08818	26.4	0
"2011-07-08"	06:00:00"	4.3788	177.94	73.629	40.187	0.09709	26.403	0
"2011-07-08"	07:00:00"	3.5064	180.69	72.512	42.749	1.167	26.403	0
"2011-07-08"	08:00:00"	4.8094	179.62	73.95	42.376	72.252	26.409	0
"2011-07-08"	09:00:00"	7.513	189.41	78.764	37.045	253.8	26.423	0
"2011-07-08"	10:00:00"	7.3067	198.95	83.836	31.42	472.3	26.426	0
"2011-07-08"	11:00:00"	6.3454	197.69	88.187	26.452	684.54	26.42	0
"2011-07-08"	12:00:00"	7.0327	160.15	91.381	21.419	867.39	26.418	0
"2011-07-08"	13:00:00"	9.2951	163.48	93.576	16.876	998.47	26.403	0
"2011-07-08"	14:00:00"	11.415	143.55	95.613	14.409	1058.4	26.388	0
"2011-07-08"	15:00:00"	10.715	138.86	97.424	14.178	1038.8	26.364	0
"2011-07-08"	16:00:00"	11.802	148.97	98.15	13.996	965.1	26.356	0
"2011-07-08"	17:00:00"	11.969	144.22	98.148	14.517	694.93	26.341	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-08	18:00:00"	11.826	150.03	98.283	14.429	639.91	26.329	0
"2011-07-08	19:00:00"	12.608	153.87	98.107	15.177	449.64	26.329	0
"2011-07-08	20:00:00"	11.718	161.4	96.662	16.86	225.98	26.329	0
"2011-07-08	21:00:00"	12.114	151.09	94.97	18.412	54.994	26.332	0
"2011-07-08	22:00:00"	9.653	152.57	91.83	21.086	0.63021	26.341	0
"2011-07-08	23:00:00"	7.8895	157.01	88.71	23.811	0.07525	26.361	0
"2011-07-09	00:00:00"	4.9697	174.93	85.389	26.997	0.09878	26.37	0
"2011-07-09	01:00:00"	5.0045	176.55	82.534	30.434	0.07758	26.373	0
"2011-07-09	02:00:00"	6.0969	181.22	80.849	33.24	0.06508	26.382	0
"2011-07-09	03:00:00"	6.4281	182.29	79.808	35.373	0.07716	26.379	0
"2011-07-09	04:00:00"	8.7296	187.19	79.473	36.49	0.09603	26.376	0
"2011-07-09	05:00:00"	5.1164	218.82	77.56	38.358	0.10366	26.382	0
"2011-07-09	06:00:00"	2.4936	243.89	74.943	41.666	0.085	26.382	0
"2011-07-09	07:00:00"	2.007	223.55	74.978	41.144	1.1553	26.391	0
"2011-07-09	08:00:00"	2.3643	235.4	75.336	40.321	68.055	26.397	0
"2011-07-09	09:00:00"	3.8898	228.41	78.324	36.401	248.81	26.412	0
"2011-07-09	10:00:00"	8.9664	201.71	82.439	30.646	468	26.415	0
"2011-07-09	11:00:00"	9.6897	193.76	85.376	27.771	647.49	26.42	0
"2011-07-09	12:00:00"	9.228	179.78	88.433	25.05	841	26.418	0
"2011-07-09	13:00:00"	10.737	171.66	91.097	22.596	979.11	26.415	0
"2011-07-09	14:00:00"	12.202	169.09	93.31	20.733	1041.1	26.403	0
"2011-07-09	15:00:00"	12.551	155.19	94.874	18.983	1036.2	26.391	0
"2011-07-09	16:00:00"	13.94	160.6	96.33	18.272	957.1	26.373	0
"2011-07-09	17:00:00"	13.893	154.47	97.136	17.689	826.58	26.356	0
"2011-07-09	18:00:00"	13.064	135.7	97.438	16.428	643.55	26.344	0
"2011-07-09	19:00:00"	14.85	140.48	96.931	17.585	430.85	26.332	0
"2011-07-09	20:00:00"	15.81	146.2	95.434	19.021	224.47	26.335	0
"2011-07-09	21:00:00"	13.563	147.82	93.737	20.091	55.422	26.353	0
"2011-07-09	22:00:00"	11.495	149.07	91.107	22.284	0.47483	26.37	0
"2011-07-09	23:00:00"	7.8286	148.67	88.34	24.476	0.07144	26.394	0
"2011-07-10	00:00:00"	5.3836	172.88	85.316	26.858	0.0831	26.412	0
"2011-07-10	01:00:00"	5.8633	181.73	82.267	28.71	0.08818	26.415	0
"2011-07-10	02:00:00"	7.4844	183.08	79.937	30.941	0.10557	26.418	0
"2011-07-10	03:00:00"	6.4237	198.15	79.807	32.182	0.0566	26.415	0
"2011-07-10	04:00:00"	5.2437	195.22	77.79	36.396	0.1026	26.412	0
"2011-07-10	05:00:00"	5.6302	192.9	76.337	41.285	0.08119	26.409	0
"2011-07-10	06:00:00"	3.5779	159.63	74.873	43.739	0.11871	26.412	0
"2011-07-10	07:00:00"	3.4467	135.43	74.373	45.063	1.2178	26.426	0
"2011-07-10	08:00:00"	5.6731	140.46	74.405	44.927	71.994	26.435	0
"2011-07-10	09:00:00"	11.682	176	77.619	42.471	256.67	26.438	0
"2011-07-10	10:00:00"	14.686	175.54	80.856	42.418	477.05	26.444	0
"2011-07-10	11:00:00"	13.839	169.07	83.985	37.238	685.92	26.45	0
"2011-07-10	12:00:00"	13.091	167.96	87.074	30.301	863.55	26.447	0
"2011-07-10	13:00:00"	14.297	152.59	89.036	27.939	988.75	26.45	0
"2011-07-10	14:00:00"	13.348	147.42	90.044	26.949	1050.2	26.426	0
"2011-07-10	15:00:00"	14.055	145.82	91.386	26.346	1025.7	26.412	0
"2011-07-10	16:00:00"	13.867	149.39	92.398	24.837	873.28	26.394	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-10	17:00:00"	13.085	141.5	93.272	23.076	816.08	26.388	0
"2011-07-10	18:00:00"	14.544	145.08	93.279	23.685	649.89	26.376	0
"2011-07-10	19:00:00"	14.224	138.16	92.669	23.778	437.84	26.361	0
"2011-07-10	20:00:00"	14.152	135.52	92.129	22.889	247.14	26.367	0
"2011-07-10	21:00:00"	14.464	141.76	90.55	23.079	58.505	26.379	0
"2011-07-10	22:00:00"	12.828	150.22	87.959	23.674	0.72561	26.391	0
"2011-07-10	23:00:00"	9.6505	156.67	85.167	24.527	0.08076	26.418	0
"2011-07-11	00:00:00"	11.223	163.88	83.354	27.225	0.09539	26.429	0
"2011-07-11	01:00:00"	7.2939	167.32	80.593	31.755	0.09534	26.435	0
"2011-07-11	02:00:00"	4.7616	173.72	77.986	36.463	0.1132	26.438	0
"2011-07-11	03:00:00"	4.1657	155.36	76.651	39.562	0.09666	26.438	0
"2011-07-11	04:00:00"	6.9413	146.42	76.404	42.639	0.08543	26.441	0
"2011-07-11	05:00:00"	9.5759	126.18	75.879	43.941	0.08924	26.447	0
"2011-07-11	06:00:00"	9.904	127.95	73.268	50.615	0.08098	26.45	0
"2011-07-11	07:00:00"	9.456	122.14	72.248	59.669	1.4228	26.456	0
"2011-07-11	08:00:00"	9.4312	127.81	72.462	65.151	71.685	26.465	0
"2011-07-11	09:00:00"	14.766	154.98	75.77	63.121	255.03	26.477	0
"2011-07-11	10:00:00"	17.078	171.14	79.191	56.387	469.35	26.48	0
"2011-07-11	11:00:00"	15.839	173.12	82.173	49.664	675.36	26.474	0
"2011-07-11	12:00:00"	12.286	169.8	85.37	42.076	852.92	26.465	0
"2011-07-11	13:00:00"	10.735	158.46	87.799	36.08	919.03	26.453	0
"2011-07-11	14:00:00"	7.8467	166.78	89.962	29.798	1158.5	26.435	0
"2011-07-11	15:00:00"	10.517	153.85	90.994	28.849	729.84	26.423	0
"2011-07-11	16:00:00"	8.706	145.75	92.848	24.667	955.92	26.4	0
"2011-07-11	17:00:00"	11.057	154.7	94.069	22.322	817.45	26.382	0
"2011-07-11	18:00:00"	11.539	162.19	94.459	21.339	584.75	26.361	0
"2011-07-11	19:00:00"	12.606	164.48	94.456	21.63	383.65	26.361	0
"2011-07-11	20:00:00"	12.075	166.85	93.602	21.986	161.59	26.37	0
"2011-07-11	21:00:00"	14.826	161.54	92.154	23.743	35.121	26.376	0
"2011-07-11	22:00:00"	14.444	166.72	89.472	29.147	0.32602	26.403	0
"2011-07-11	23:00:00"	17.02	180.97	83.148	45.266	0.0797	26.418	0
"2011-07-12	00:00:00"	13.686	170.37	81.054	49.772	0.10005	26.447	0
"2011-07-12	01:00:00"	13.433	174.21	79.68	52.109	0.07504	26.444	0
"2011-07-12	02:00:00"	12.689	163	78.888	51.697	0.10281	26.435	0
"2011-07-12	03:00:00"	12.793	166.56	78.732	52.835	0.09094	26.423	0
"2011-07-12	04:00:00"	12.164	165.28	78.274	54.541	0.08204	26.42	0
"2011-07-12	05:00:00"	12.034	162.01	77.992	54.738	0.07229	26.423	0
"2011-07-12	06:00:00"	13.301	160.39	77.769	54.638	0.07907	26.432	0
"2011-07-12	07:00:00"	10.335	171.39	76.649	56.102	0.69656	26.438	0
"2011-07-12	08:00:00"	10.473	170.06	76.232	57.35	65.542	26.447	0
"2011-07-12	09:00:00"	16.308	174.84	78.377	55.355	249.4	26.462	0
"2011-07-12	10:00:00"	15.595	183.66	81.404	50.714	465.67	26.462	0
"2011-07-12	11:00:00"	13.062	189.84	84.966	42.893	667.01	26.462	0
"2011-07-12	12:00:00"	11.416	193.78	87.953	36.401	841.31	26.456	0
"2011-07-12	13:00:00"	11.661	189.84	90.117	33.112	970.79	26.447	0
"2011-07-12	14:00:00"	10.205	203.89	92.515	29.42	1017.1	26.426	0
"2011-07-12	15:00:00"	10.402	171.8	93.887	26.228	1024.9	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-12	16:00:00"	9.873	171.09	94.74	23.899	827.24	26.394	0
"2011-07-12	17:00:00"	11.077	184.64	95.502	23.735	781.39	26.373	0
"2011-07-12	18:00:00"	14.754	182.11	93.336	27.348	398.43	26.373	0
"2011-07-12	19:00:00"	21.033	158.37	87.486	35.847	319.8	26.376	0
"2011-07-12	20:00:00"	12.826	157.23	82.93	47.912	167.92	26.376	0
"2011-07-12	21:00:00"	11.669	155.99	82.459	47.909	31.295	26.415	0
"2011-07-12	22:00:00"	7.5465	161.61	81.47	48.855	0.27875	26.409	0
"2011-07-12	23:00:00"	6.8953	117.97	80.782	50.671	0.1009	26.415	0
"2011-07-13	00:00:00"	8.0641	114.14	78.949	55.074	0.10048	26.42	0
"2011-07-13	01:00:00"	7.9706	138.95	79.2	54.498	0.09978	26.438	0
"2011-07-13	02:00:00"	7.3576	117.17	78.121	59.573	0.07928	26.441	0
"2011-07-13	03:00:00"	6.7661	70.079	76.097	66.249	0.07462	26.432	0
"2011-07-13	04:00:00"	5.3761	61.901	74.608	71.116	0.08882	26.423	0
"2011-07-13	05:00:00"	5.9577	83.003	73.77	70.004	0.0761	26.42	0
"2011-07-13	06:00:00"	5.2643	101.88	72.888	72.483	0.10747	26.415	0
"2011-07-13	07:00:00"	4.4882	123.72	73.545	69.136	0.85004	26.418	0
"2011-07-13	08:00:00"	3.4517	145.23	74	65.148	31.437	26.426	0
"2011-07-13	09:00:00"	9.0242	173.03	76.429	58.226	110.51	26.435	0
"2011-07-13	10:00:00"	13.543	182.02	78.812	54.14	198.97	26.444	0
"2011-07-13	11:00:00"	12.688	189.06	83.777	45.107	636.08	26.441	0
"2011-07-13	12:00:00"	8.4245	180.23	87.53	38.235	835.34	26.435	0
"2011-07-13	13:00:00"	6.6139	179.61	89.628	33.402	940.93	26.42	0
"2011-07-13	14:00:00"	6.3212	177.49	92.876	28.045	1018.8	26.4	0
"2011-07-13	15:00:00"	8.921	155.29	94.434	25.063	888.79	26.379	0
"2011-07-13	16:00:00"	11.021	160.9	95.956	23.379	959.83	26.35	0
"2011-07-13	17:00:00"	11.28	183.29	97.184	22.825	855.67	26.329	0
"2011-07-13	18:00:00"	14.707	155.25	97.138	23.434	547.45	26.308	0
"2011-07-13	19:00:00"	13.277	171.13	97.065	22.853	350.64	26.302	0
"2011-07-13	20:00:00"	8.9279	191.95	95.801	22.434	65.206	26.314	0
"2011-07-13	21:00:00"	19.121	334.64	82.231	48.454	4.8255	26.364	0
"2011-07-13	22:00:00"	11.731	339.7	76.403	67.54	0.09369	26.37	0.01
"2011-07-13	23:00:00"	6.5362	321.26	75.44	71.58	0.08818	26.415	0
"2011-07-14	00:00:00"	2.9627	11.634	75.183	73.556	0.06635	26.403	0
"2011-07-14	01:00:00"	3.4001	61.181	75.016	70.975	0.07822	26.4	0
"2011-07-14	02:00:00"	3.7966	58.504	73.303	73.628	0.10217	26.406	0
"2011-07-14	03:00:00"	2.2084	28.737	72.19	75.671	0.09221	26.403	0
"2011-07-14	04:00:00"	2.2053	318.63	71.258	78.244	0.08204	26.4	0
"2011-07-14	05:00:00"	3.182	311.17	71.094	81.134	0.09624	26.403	0
"2011-07-14	06:00:00"	3.7854	315.59	70.488	80.341	0.07949	26.397	0
"2011-07-14	07:00:00"	2.7067	341.74	69.212	79.592	1.0268	26.391	0
"2011-07-14	08:00:00"	1.2943	8.8011	70.33	75.253	72.814	26.397	0
"2011-07-14	09:00:00"	5.57	105.08	77.754	54.164	246.28	26.397	0
"2011-07-14	10:00:00"	7.2812	120.56	81.033	45.112	449.38	26.406	0
"2011-07-14	11:00:00"	3.9637	136.76	83.902	39.132	629.88	26.4	0
"2011-07-14	12:00:00"	4.7218	123.13	86.752	34.005	815.74	26.388	0
"2011-07-14	13:00:00"	6.328	157.2	89.785	28.541	939.98	26.376	0
"2011-07-14	14:00:00"	6.6617	159.56	92.314	26.968	997.5	26.353	0

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"2011-07-14	15:00:00"	7.6006	158.49	94.176	26.186	991.01	26.329	0
"2011-07-14	16:00:00"	8.9844	165.79	96.158	24.163	928.71	26.317	0
"2011-07-14	17:00:00"	7.1781	193.02	97.424	22.144	725.57	26.296	0
"2011-07-14	18:00:00"	8.3568	188.85	97.447	21.596	505.61	26.282	0
"2011-07-14	19:00:00"	8.0144	151.1	97.527	20.859	378.58	26.267	0
"2011-07-14	20:00:00"	10.469	144.04	97.009	21.886	203.47	26.276	0
"2011-07-14	21:00:00"	10.436	152.24	95.453	22.898	40.258	26.291	0
"2011-07-14	22:00:00"	9.6455	167.97	92.916	25.014	0.25967	26.326	0
"2011-07-14	23:00:00"	6.2497	234.06	88.642	32.778	0.08712	26.358	0.01
"2011-07-15	00:00:00"	6.384	199.37	86.296	33.596	0.09878	26.35	0
"2011-07-15	01:00:00"	7.2889	173.11	85.003	32.037	0.08604	26.35	0
"2011-07-15	02:00:00"	8.3997	172.29	83.225	33.152	0.09963	26.35	0
"2011-07-15	03:00:00"	7.1706	176.26	81.316	35.959	0.0761	26.341	0
"2011-07-15	04:00:00"	7.746	173.66	79.668	39.103	0.10408	26.344	0
"2011-07-15	05:00:00"	6.2007	192	78.12	42.912	0.1009	26.353	0
"2011-07-15	06:00:00"	5.3214	186.25	76.758	45.688	0.12507	26.356	0
"2011-07-15	07:00:00"	3.1771	174.94	74.942	48.907	1.1326	26.373	0
"2011-07-15	08:00:00"	4.1576	175.22	75.219	49.919	69.49	26.376	0
"2011-07-15	09:00:00"	10.609	165.84	79.603	45.374	253.86	26.388	0
"2011-07-15	10:00:00"	15.556	174.94	83.498	39.579	482.16	26.391	0
"2011-07-15	11:00:00"	15.262	177.1	86.626	33.781	678.31	26.385	0
"2011-07-15	12:00:00"	12.231	159.67	89.864	27.117	848.8	26.379	0
"2011-07-15	13:00:00"	12.812	138.11	91.74	23.834	973.08	26.376	0
"2011-07-15	14:00:00"	12.71	152.88	93.338	22.194	1031.6	26.364	0
"2011-07-15	15:00:00"	11.43	141.67	95.034	20.042	1017.5	26.353	0
"2011-07-15	16:00:00"	10.418	147.08	96.375	18.504	953.66	26.329	0
"2011-07-15	17:00:00"	11.411	136.23	97.203	18.225	811.3	26.314	0
"2011-07-15	18:00:00"	11.557	146.4	97.986	16.918	639.99	26.305	0
"2011-07-15	19:00:00"	12.81	133.68	97.525	17.157	430.47	26.302	0
"2011-07-15	20:00:00"	10.777	137.95	96.642	17.966	233.62	26.305	0
"2011-07-15	21:00:00"	9.6555	138.93	94.955	19.941	63.74	26.314	0
"2011-07-15	22:00:00"	7.7907	137.03	91.755	21.89	0.41527	26.335	0
"2011-07-15	23:00:00"	7.8902	131.02	89.105	24.636	0.08225	26.356	0
"2011-07-16	00:00:00"	7.7926	133.53	87.133	26.879	0.08373	26.364	0
"2011-07-16	01:00:00"	7.462	139.84	85.2	28.769	0.10938	26.367	0
"2011-07-16	02:00:00"	6.0049	160.62	82.953	31.582	0.10726	26.373	0
"2011-07-16	03:00:00"	3.9382	172.24	80.488	34.677	0.0884	26.373	0
"2011-07-16	04:00:00"	4.1731	177.41	79.005	37.035	0.07758	26.379	0
"2011-07-16	05:00:00"	3.0416	172.57	78.046	38.759	0.08161	26.385	0
"2011-07-16	06:00:00"	2.9186	173.58	77.326	40.37	0.10896	26.391	0
"2011-07-16	07:00:00"	2.4892	162.19	75.865	42.846	0.99334	26.403	0
"2011-07-16	08:00:00"	5.9857	159.81	76.724	43.145	67.014	26.42	0
"2011-07-16	09:00:00"	10.487	169.38	79.919	39.875	247.43	26.432	0
"2011-07-16	10:00:00"	11.699	174.91	83.21	36.019	451.7	26.447	0
"2011-07-16	11:00:00"	10.351	172.48	86.319	32.203	665.62	26.447	0
"2011-07-16	12:00:00"	11.27	152.56	89.627	28.266	839.07	26.447	0
"2011-07-16	13:00:00"	13.246	139.39	92.026	25.897	961.56	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-16	14:00:00"	14.097	130.5	94.172	23.673	981.76	26.426	0
"2011-07-16	15:00:00"	14.106	128.02	94.872	22.642	895.64	26.418	0
"2011-07-16	16:00:00"	15.035	126.13	95.769	21.533	809.52	26.403	0
"2011-07-16	17:00:00"	15.099	128.8	95.693	21.862	489.57	26.394	0
"2011-07-16	18:00:00"	14.546	123.4	94.644	23.716	297.25	26.388	0
"2011-07-16	19:00:00"	13.327	114.03	94.817	23.145	279.08	26.382	0
"2011-07-16	20:00:00"	14.698	137.58	90.939	29.838	56.359	26.382	0
"2011-07-16	21:00:00"	13.532	144.57	90.87	27.685	28.263	26.397	0
"2011-07-16	22:00:00"	11.392	136	88.758	30.261	0.56302	26.412	0
"2011-07-16	23:00:00"	10.23	131.29	86.661	31.827	0.07589	26.438	0
"2011-07-17	00:00:00"	10.868	126.09	84.649	34.587	0.09751	26.456	0
"2011-07-17	01:00:00"	11.764	129.27	83.516	36.515	0.09518	26.468	0
"2011-07-17	02:00:00"	8.6103	130.45	81.668	37.175	0.08628	26.474	0
"2011-07-17	03:00:00"	6.6431	132.05	79.499	39.539	0.07483	26.477	0
"2011-07-17	04:00:00"	5.5401	143.45	78.308	39.851	0.09624	26.477	0
"2011-07-17	05:00:00"	4.2856	158.05	76.9	41.611	0.10684	26.477	0
"2011-07-17	06:00:00"	2.3836	97.318	74.625	44.95	0.08988	26.485	0
"2011-07-17	07:00:00"	3.8823	161.35	74.863	44.621	0.71373	26.5	0
"2011-07-17	08:00:00"	1.9381	83.859	73.247	47.292	59.269	26.515	0
"2011-07-17	09:00:00"	8.4973	144.82	78.033	42.336	230.2	26.533	0
"2011-07-17	10:00:00"	10.408	142.24	80.671	42.128	443.01	26.55	0
"2011-07-17	11:00:00"	9.8208	149.46	83.821	39.597	645.86	26.562	0
"2011-07-17	12:00:00"	10.276	129.54	86.545	33.702	778.45	26.565	0
"2011-07-17	13:00:00"	12.777	135.04	88.467	31.458	780.12	26.556	0
"2011-07-17	14:00:00"	12.85	128.04	89.618	30.049	677.63	26.55	0
"2011-07-17	15:00:00"	13.613	137.81	89.186	30.919	401.35	26.542	0
"2011-07-17	16:00:00"	14.29	132.03	90.142	30.17	677.18	26.533	0
"2011-07-17	17:00:00"	13.995	116.04	92.153	27.585	874.1	26.509	0
"2011-07-17	18:00:00"	12.784	123.9	92.97	26.741	554.06	26.494	0
"2011-07-17	19:00:00"	13.707	127.97	93.209	26.095	450.81	26.485	0
"2011-07-17	20:00:00"	12.857	119.43	92.153	26.595	121.07	26.488	0
"2011-07-17	21:00:00"	12.311	124.83	91.053	26.868	42.654	26.5	0
"2011-07-17	22:00:00"	7.8473	114.38	89.245	27.453	0.32963	26.515	0
"2011-07-17	23:00:00"	5.46	98.273	85.532	31.55	0.08776	26.533	0
"2011-07-18	00:00:00"	5.7265	115.07	83.424	30.774	0.06953	26.545	0
"2011-07-18	01:00:00"	3.2426	106.9	79.681	33.081	0.0873	26.55	0
"2011-07-18	02:00:00"	4.0141	149.86	79.268	30.426	0.09391	26.55	0
"2011-07-18	03:00:00"	2.8676	170.17	77.409	31.694	0.10154	26.547	0
"2011-07-18	04:00:00"	2.6116	193.73	76.301	34.117	0.09899	26.55	0
"2011-07-18	05:00:00"	1.9362	237.49	75.966	35.53	0.07674	26.553	0
"2011-07-18	06:00:00"	1.4838	9.2369	71.738	40.12	0.08119	26.553	0
"2011-07-18	07:00:00"	0.98674	56.891	68.641	45.39	0.85025	26.562	0
"2011-07-18	08:00:00"	0.98301	31.211	69.58	45.747	65.2	26.583	0
"2011-07-18	09:00:00"	4.7025	134.42	78.058	40.485	243.26	26.601	0
"2011-07-18	10:00:00"	9.9382	185.17	81.449	41.245	462.38	26.607	0
"2011-07-18	11:00:00"	9.3783	178.55	84.409	37.547	670.18	26.604	0
"2011-07-18	12:00:00"	8.5762	144.1	87.408	30.361	843.57	26.601	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-18"	13:00:00"	11.341	140.65	89.851	26.484	982.81	26.586	0
"2011-07-18"	14:00:00"	11.289	133.26	91.134	25.032	868.96	26.562	0
"2011-07-18"	15:00:00"	10.019	118.81	91.975	23.842	843.03	26.545	0
"2011-07-18"	16:00:00"	9.5026	127.48	92.967	22.914	873.39	26.524	0
"2011-07-18"	17:00:00"	8.7824	129.89	93.78	22.041	555.98	26.506	0
"2011-07-18"	18:00:00"	8.286	133.12	94.231	22.041	541.39	26.494	0
"2011-07-18"	19:00:00"	8.4103	128.42	94.021	22.908	339.18	26.471	0
"2011-07-18"	20:00:00"	10.105	119.13	93.786	22.982	190.9	26.471	0
"2011-07-18"	21:00:00"	7.3328	119.61	92.543	24.049	46.644	26.474	0
"2011-07-18"	22:00:00"	4.7752	94.822	88.787	27.695	0.44643	26.483	0
"2011-07-18"	23:00:00"	4.7547	91.042	85.292	30.906	0.06995	26.503	0
"2011-07-19"	00:00:00"	3.7866	93.815	82.857	33.67	0.11023	26.506	0
"2011-07-19"	01:00:00"	4.2446	96.472	82.077	34.835	0.085	26.497	0
"2011-07-19"	02:00:00"	4.3776	98.761	80.521	36.636	0.06699	26.497	0
"2011-07-19"	03:00:00"	4.0377	96.626	79.637	37.779	0.10832	26.491	0
"2011-07-19"	04:00:00"	2.6992	103.84	78.383	39.822	0.05829	26.491	0
"2011-07-19"	05:00:00"	2.721	165.93	78.233	40.97	0.06699	26.491	0
"2011-07-19"	06:00:00"	2.0779	179.37	76.902	42.791	0.10302	26.491	0
"2011-07-19"	07:00:00"	1.6678	180.75	75.478	44.512	0.68575	26.5	0
"2011-07-19"	08:00:00"	3.7419	185.88	77.199	41.63	62.864	26.509	0
"2011-07-19"	09:00:00"	4.2539	192.34	80.316	37.554	239.49	26.515	0
"2011-07-19"	10:00:00"	7.1097	209.59	85.637	31.094	457.15	26.518	0
"2011-07-19"	11:00:00"	5.5389	218.44	89.411	26.531	666.37	26.512	0
"2011-07-19"	12:00:00"	4.5379	263.81	91.931	24.512	843.54	26.497	0
"2011-07-19"	13:00:00"	7.1035	148.07	93.409	22.313	869.44	26.485	0
"2011-07-19"	14:00:00"	5.9415	128.7	94.1	21.822	622.5	26.465	0
"2011-07-19"	15:00:00"	7.2539	145.39	95.259	20.576	974.6	26.441	0
"2011-07-19"	16:00:00"	7.2123	160.22	96.664	19.564	856.14	26.42	0
"2011-07-19"	17:00:00"	7.4217	118.48	97.176	19.244	724.09	26.394	0
"2011-07-19"	18:00:00"	10.681	170.99	97.377	19.429	719.42	26.379	0
"2011-07-19"	19:00:00"	8.7619	126.23	96.443	19.723	248.55	26.373	0
"2011-07-19"	20:00:00"	7.861	137.56	95.793	20.335	151.08	26.37	0
"2011-07-19"	21:00:00"	8.747	144.73	94.425	21.487	53.009	26.37	0
"2011-07-19"	22:00:00"	7.2209	140.33	91.01	24.444	0.24823	26.379	0
"2011-07-19"	23:00:00"	8.1101	154.19	88.207	27.539	0.08543	26.397	0
"2011-07-20"	00:00:00"	8.391	185.09	84.606	35.666	0.08818	26.403	0
"2011-07-20"	01:00:00"	7.0095	191.89	82.506	38.702	0.10062	26.403	0
"2011-07-20"	02:00:00"	6.3119	190.3	80.769	41.717	0.08797	26.397	0
"2011-07-20"	03:00:00"	6.1149	175.22	78.233	45.54	0.08479	26.4	0
"2011-07-20"	04:00:00"	7.9914	184.56	76.956	46.819	0.10005	26.394	0
"2011-07-20"	05:00:00"	6.7207	174.7	76.224	47.543	0.09009	26.394	0
"2011-07-20"	06:00:00"	5.304	173.65	74.433	51.453	0.09836	26.4	0
"2011-07-20"	07:00:00"	6.8127	158.76	73.49	54.087	0.60563	26.406	0
"2011-07-20"	08:00:00"	7.0712	159.83	73.622	53.784	33.776	26.415	0
"2011-07-20"	09:00:00"	9.4076	172.8	75.928	49.536	120.8	26.429	0
"2011-07-20"	10:00:00"	10.215	183.85	79.051	47.493	248	26.426	0
"2011-07-20"	11:00:00"	10.626	183.24	86.271	37.484	700.77	26.42	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-20	12:00:00"	11.805	179.69	91.192	28.542	834.07	26.412	0
"2011-07-20	13:00:00"	10.593	180.16	94.37	23.09	956.8	26.4	0
"2011-07-20	14:00:00"	8.3189	175.1	96.058	19.386	867.41	26.382	0
"2011-07-20	15:00:00"	10.668	146.51	97.139	18.238	931.55	26.361	0
"2011-07-20	16:00:00"	8.4047	141.56	97.014	18.574	547.94	26.341	0
"2011-07-20	17:00:00"	10.12	129.8	98.423	17.699	847.12	26.323	0
"2011-07-20	18:00:00"	11.283	133.57	98.406	17.866	525.56	26.314	0
"2011-07-20	19:00:00"	13.265	127.4	97.589	18.304	354.37	26.305	0
"2011-07-20	20:00:00"	11.334	129.51	96.764	18.792	198.59	26.317	0
"2011-07-20	21:00:00"	11.165	135.81	94.83	19.604	45.279	26.317	0
"2011-07-20	22:00:00"	9.1832	126.88	91.647	21.546	0.21028	26.329	0
"2011-07-20	23:00:00"	6.5573	135.23	88.634	24.824	0.08246	26.353	0
"2011-07-21	00:00:00"	5.9801	144.17	86.287	28.031	0.08755	26.364	0
"2011-07-21	01:00:00"	7.2415	159.97	84.48	30.826	0.1009	26.37	0
"2011-07-21	02:00:00"	7.8044	171.22	82.516	34.608	0.09878	26.364	0
"2011-07-21	03:00:00"	8.0871	173.32	81.104	40.57	0.09348	26.364	0
"2011-07-21	04:00:00"	10.21	179.37	80.719	45.46	0.09793	26.361	0
"2011-07-21	05:00:00"	9.2864	184.29	79.611	47.094	0.09497	26.367	0
"2011-07-21	06:00:00"	5.5569	183.83	77.971	48.899	0.08967	26.376	0
"2011-07-21	07:00:00"	5.5495	164.83	76.535	50.666	0.58464	26.373	0
"2011-07-21	08:00:00"	8.3761	156.04	76.492	48.968	56.149	26.385	0
"2011-07-21	09:00:00"	12.64	165.53	79.225	44.69	218.68	26.388	0
"2011-07-21	10:00:00"	15.483	171.52	82.007	43.477	430.71	26.394	0
"2011-07-21	11:00:00"	12.492	173.96	85.39	38.977	632.91	26.388	0
"2011-07-21	12:00:00"	12.012	162.73	89.075	33.707	808.12	26.379	0
"2011-07-21	13:00:00"	11.508	145.87	91.925	28.511	942.27	26.367	0
"2011-07-21	14:00:00"	11.902	143.69	93.53	24.854	930.97	26.356	0
"2011-07-21	15:00:00"	10.217	127.47	94.944	22.456	802.32	26.338	0
"2011-07-21	16:00:00"	9.8941	126	95.432	21.638	849.41	26.326	0
"2011-07-21	17:00:00"	10.738	121.4	96.26	20.828	679.98	26.308	0
"2011-07-21	18:00:00"	10.897	139.81	96.349	20.564	541.85	26.294	0
"2011-07-21	19:00:00"	12.482	135.7	96.24	21.226	414.85	26.282	0
"2011-07-21	20:00:00"	12.968	138.55	95.303	22.161	222.38	26.288	0
"2011-07-21	21:00:00"	11.95	144.12	93.263	24.719	39.672	26.302	0
"2011-07-21	22:00:00"	11.258	148.49	90.793	27.797	0.26794	26.326	0
"2011-07-21	23:00:00"	10.862	152.06	88.606	30.66	0.09264	26.344	0
"2011-07-22	00:00:00"	10.583	157.36	86.68	32.635	0.0797	26.361	0
"2011-07-22	01:00:00"	13.982	167.76	85.231	34.934	0.12007	26.376	0
"2011-07-22	02:00:00"	15.223	170.05	83.483	39.545	0.06932	26.379	0
"2011-07-22	03:00:00"	14.036	172.55	81.595	44.128	0.10663	26.376	0
"2011-07-22	04:00:00"	11.368	169.13	80.022	47.324	0.09369	26.376	0
"2011-07-22	05:00:00"	9.2876	167.24	78.58	50.218	0.11765	26.379	0
"2011-07-22	06:00:00"	5.2543	152.77	77.167	52.978	0.0797	26.391	0
"2011-07-22	07:00:00"	6.9159	134.37	76.663	54.15	0.53398	26.391	0
"2011-07-22	08:00:00"	5.0691	136.94	75.775	56.174	50.837	26.406	0
"2011-07-22	09:00:00"	9.1652	142.34	77.921	55.347	216.85	26.403	0
"2011-07-22	10:00:00"	11.617	154.31	79.961	55.572	427.72	26.409	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-22	11:00:00"	8.1474	165.34	82.81	50.992	626.67	26.409	0
"2011-07-22	12:00:00"	8.3077	140.93	85.6	43.164	811.07	26.403	0
"2011-07-22	13:00:00"	11.259	129.66	88.481	36.448	907.18	26.385	0
"2011-07-22	14:00:00"	12.327	145.72	90.871	32.161	1004.5	26.37	0
"2011-07-22	15:00:00"	13.163	152.56	92.703	29.332	1003	26.344	0
"2011-07-22	16:00:00"	10.991	133.02	93.62	27.015	675.4	26.323	0
"2011-07-22	17:00:00"	10.262	133.38	94.646	25.439	636.14	26.305	0
"2011-07-22	18:00:00"	11.27	126.64	95.218	24.953	462.42	26.288	0
"2011-07-22	19:00:00"	9.3945	130.78	94.352	25.509	129.63	26.288	0
"2011-07-22	20:00:00"	10.545	119.07	93.894	26.509	82.912	26.299	0
"2011-07-22	21:00:00"	10.686	146.66	91.655	30.226	15.044	26.323	0
"2011-07-22	22:00:00"	12.284	183.49	86.386	39.987	0.12146	26.35	0
"2011-07-22	23:00:00"	12.504	181.65	83.25	43.851	0.08373	26.37	0
"2011-07-23	00:00:00"	8.1772	192.25	80.213	47.546	0.09666	26.394	0
"2011-07-23	01:00:00"	3.6026	210.19	77.219	54.594	0.08075	26.412	0
"2011-07-23	02:00:00"	4.531	203.49	75.645	55.878	0.08352	26.403	0
"2011-07-23	03:00:00"	7.5422	178.7	74.086	57.294	0.08755	26.406	0
"2011-07-23	04:00:00"	8.4948	158.72	73.17	59.905	0.09433	26.412	0
"2011-07-23	05:00:00"	9.9426	162.05	73.546	60.077	0.1079	26.406	0
"2011-07-23	06:00:00"	9.1975	164.99	72.9	62.306	0.07186	26.409	0
"2011-07-23	07:00:00"	5.4886	181.37	71.033	69.106	0.53694	26.412	0
"2011-07-23	08:00:00"	3.9917	212.03	70.016	72.064	52.833	26.441	0
"2011-07-23	09:00:00"	10.327	167.18	73.202	62.497	229.71	26.453	0
"2011-07-23	10:00:00"	13.159	161.98	77.391	53.694	444.93	26.453	0
"2011-07-23	11:00:00"	11.358	171.2	80.617	49.273	650.23	26.456	0
"2011-07-23	12:00:00"	9.584	170.9	83.116	45.151	823.29	26.453	0
"2011-07-23	13:00:00"	6.3063	180.37	87.102	36.812	949.1	26.444	0
"2011-07-23	14:00:00"	7.4695	180.63	89.323	32.018	960.86	26.438	0
"2011-07-23	15:00:00"	8.2916	169.1	90.847	30.194	610.36	26.429	0
"2011-07-23	16:00:00"	9.0888	176.41	90.873	29.162	362.86	26.409	0
"2011-07-23	17:00:00"	10.839	157.58	91.342	27.932	295.49	26.4	0
"2011-07-23	18:00:00"	12.899	165.35	91.433	27.79	237.6	26.403	0
"2011-07-23	19:00:00"	11.7	169.69	92.273	25.818	468.88	26.397	0
"2011-07-23	20:00:00"	12.826	167.35	92.015	26.945	223.75	26.409	0
"2011-07-23	21:00:00"	9.9829	177.09	90.544	28.146	31.887	26.423	0
"2011-07-23	22:00:00"	12.048	165.92	89.017	30.469	0.17785	26.45	0
"2011-07-23	23:00:00"	11.178	169.74	86.746	35.886	0.10323	26.477	0
"2011-07-24	00:00:00"	13.877	167.54	84.951	38.478	0.09391	26.5	0
"2011-07-24	01:00:00"	13.458	166.13	82.748	41.386	0.06194	26.512	0
"2011-07-24	02:00:00"	11.774	166.76	80.795	47.211	0.09285	26.509	0
"2011-07-24	03:00:00"	7.0084	159.2	78.946	52.168	0.07483	26.5	0
"2011-07-24	04:00:00"	6.5996	153.57	77.367	55.83	0.07377	26.494	0
"2011-07-24	05:00:00"	3.0652	101.7	76.162	58.059	0.08373	26.506	0
"2011-07-24	06:00:00"	3.809	104.14	74.248	60.313	0.08161	26.515	0
"2011-07-24	07:00:00"	6.0441	91.253	73.829	60.924	0.51108	26.53	0
"2011-07-24	08:00:00"	7.3831	104.62	73.324	61.283	52.574	26.539	0
"2011-07-24	09:00:00"	12.537	140.92	77.136	56.599	231	26.545	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-24"	10:00:00"	15.247	167.36	79.909	54.242	449.04	26.553	0
"2011-07-24"	11:00:00"	11.866	168.17	82.161	50.293	656.71	26.559	0
"2011-07-24"	12:00:00"	10.752	147.18	85.211	44.565	833.48	26.562	0
"2011-07-24"	13:00:00"	10.489	138.45	87.635	39.38	948.04	26.547	0
"2011-07-24"	14:00:00"	9.3361	135.37	90.108	33.623	1042.3	26.539	0
"2011-07-24"	15:00:00"	10.998	145.48	91.943	30.94	974.05	26.524	0
"2011-07-24"	16:00:00"	11.357	158.55	93.792	28.408	937.88	26.5	0
"2011-07-24"	17:00:00"	12.089	176.38	94.84	26.604	895.67	26.485	0
"2011-07-24"	18:00:00"	11.802	142.9	95.532	25.949	682.23	26.468	0
"2011-07-24"	19:00:00"	12.473	156.56	95.252	25.264	456.18	26.459	0
"2011-07-24"	20:00:00"	12.456	153.27	94.54	25.004	231.72	26.459	0
"2011-07-24"	21:00:00"	12.21	157.44	92.873	26.472	46.592	26.477	0
"2011-07-24"	22:00:00"	8.7986	152.86	90.08	29.844	0.13842	26.494	0
"2011-07-24"	23:00:00"	9.5803	153.36	88.149	34.23	0.07674	26.515	0
"2011-07-25"	00:00:00"	7.9486	158.47	85.918	37.374	0.09666	26.527	0
"2011-07-25"	01:00:00"	10.487	170.85	84.338	40.434	0.08352	26.524	0
"2011-07-25"	02:00:00"	9.3355	174.48	82.524	43.07	0.09391	26.527	0
"2011-07-25"	03:00:00"	8.8949	171.6	80.826	45.416	0.0778	26.518	0
"2011-07-25"	04:00:00"	7.9169	165.43	79.467	47.296	0.08946	26.512	0
"2011-07-25"	05:00:00"	4.9523	151.28	77.775	50.026	0.07504	26.509	0
"2011-07-25"	06:00:00"	5.7582	135.73	77.374	50.893	0.08946	26.497	0
"2011-07-25"	07:00:00"	6.8742	134.98	77.003	50.242	0.46932	26.503	0
"2011-07-25"	08:00:00"	5.8446	114.66	75.449	52.774	58.17	26.515	0
"2011-07-25"	09:00:00"	6.8798	143.61	78.412	47.226	233.09	26.53	0
"2011-07-25"	10:00:00"	8.4351	180.29	82.719	40.93	455.73	26.53	0
"2011-07-25"	11:00:00"	8.158	178.83	86.281	38.172	668.3	26.527	0
"2011-07-25"	12:00:00"	5.8987	190.5	89.228	33.881	843.99	26.521	0
"2011-07-25"	13:00:00"	6.274	155.01	91.453	29.62	882.64	26.5	0
"2011-07-25"	14:00:00"	6.8382	144.66	93.109	25.375	817.07	26.483	0
"2011-07-25"	15:00:00"	8.4736	148.56	95.308	20.367	1024.1	26.459	0
"2011-07-25"	16:00:00"	7.252	170.43	97.131	17.789	1019.5	26.432	0
"2011-07-25"	17:00:00"	8.5612	147.8	97.24	18.368	825.3	26.403	0
"2011-07-25"	18:00:00"	8.5929	143.15	97.679	17.683	541.22	26.385	0
"2011-07-25"	19:00:00"	8.6408	147.86	97.752	17.405	432.54	26.376	0
"2011-07-25"	20:00:00"	8.8788	144.95	97.213	17.811	226.01	26.373	0
"2011-07-25"	21:00:00"	8.8639	132.28	95.513	18.262	43.85	26.382	0
"2011-07-25"	22:00:00"	8.1716	118.79	92.154	19.668	0.17022	26.394	0
"2011-07-25"	23:00:00"	8.5457	122.29	89.089	22.743	0.08797	26.412	0
"2011-07-26"	00:00:00"	8.637	141.05	87.319	23.703	0.07737	26.415	0
"2011-07-26"	01:00:00"	8.7669	159.15	84.844	25.253	0.09073	26.409	0
"2011-07-26"	02:00:00"	8.9521	188.24	83.16	26.359	0.08797	26.403	0
"2011-07-26"	03:00:00"	7.7665	191.78	81.496	27.451	0.07928	26.406	0
"2011-07-26"	04:00:00"	6.9786	194.99	79.433	29.577	0.08479	26.403	0
"2011-07-26"	05:00:00"	5.6377	186.97	77.75	33.415	0.11256	26.4	0
"2011-07-26"	06:00:00"	5.0418	185.48	76.368	36.642	0.07992	26.4	0
"2011-07-26"	07:00:00"	4.7988	180.76	74.931	39.733	0.67028	26.397	0
"2011-07-26"	08:00:00"	5.6327	173.49	74.902	42.548	61.667	26.4	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-26	09:00:00"	9.4349	170.18	78.777	38.989	234.81	26.4	0
"2011-07-26	10:00:00"	9.1167	181.52	85.083	31.266	462.63	26.403	0
"2011-07-26	11:00:00"	6.9115	189.28	90.878	23.593	677.35	26.397	0
"2011-07-26	12:00:00"	9.7207	169.15	93.464	19.544	860.95	26.397	0
"2011-07-26	13:00:00"	11.39	155.83	95.135	16.032	998.66	26.385	0
"2011-07-26	14:00:00"	11.113	168.82	96.386	15.183	1061.3	26.367	0
"2011-07-26	15:00:00"	10.635	171.65	97.151	15.314	1057.8	26.35	0
"2011-07-26	16:00:00"	10.886	172.83	98.107	14.55	984.65	26.323	0
"2011-07-26	17:00:00"	9.8798	169.06	98.572	14.068	744.77	26.314	0
"2011-07-26	18:00:00"	9.2019	153.81	98.769	13.452	664.38	26.291	0
"2011-07-26	19:00:00"	10.543	174.62	98.83	13.06	450.59	26.279	0
"2011-07-26	20:00:00"	11.041	167.05	98.115	14.059	227.58	26.279	0
"2011-07-26	21:00:00"	10.031	160.89	96.209	15.455	48.609	26.285	0
"2011-07-26	22:00:00"	8.8937	150.35	92.424	19.291	0.15835	26.302	0
"2011-07-26	23:00:00"	8.9745	154.47	89.287	22.839	0.08161	26.323	0
"2011-07-27	00:00:00"	9.7263	162.06	87.086	26.529	0.10535	26.335	0
"2011-07-27	01:00:00"	13.669	172.82	86.482	29.248	0.10069	26.35	0
"2011-07-27	02:00:00"	11.462	180.18	84.148	32.764	0.09666	26.35	0
"2011-07-27	03:00:00"	11.596	182.04	82.661	33.677	0.08013	26.347	0
"2011-07-27	04:00:00"	9.8481	175.69	80.901	36.165	0.10938	26.344	0
"2011-07-27	05:00:00"	9.1578	173.63	79.657	39.593	0.08288	26.35	0
"2011-07-27	06:00:00"	562.09	174.86	77.924	42.458	0.08903	26.344	0
"2011-07-27	07:00:00"	7.3055	179.21	77.339	44.339	0.93801	26.35	0
"2011-07-27	08:00:00"	3.9619	212.09	76.093	45.927	58.176	26.361	0
"2011-07-27	09:00:00"	9.9575	168.07	80.115	40.131	233.52	26.364	0
"2011-07-27	10:00:00"	14.718	169.64	84.154	34.9	457.23	26.37	0
"2011-07-27	11:00:00"	12.408	171.1	86.993	31.557	667.5	26.373	0
"2011-07-27	12:00:00"	9.0534	162.63	89.862	27.724	846.68	26.367	0
"2011-07-27	13:00:00"	10.574	154.82	92.563	23.924	977.69	26.356	0
"2011-07-27	14:00:00"	9.8593	156.06	94.594	21.714	1039.9	26.341	0
"2011-07-27	15:00:00"	9.3827	136.85	96.377	19.595	1035.2	26.329	0
"2011-07-27	16:00:00"	9.7928	165.93	97.443	18.272	964.1	26.311	0
"2011-07-27	17:00:00"	9.7642	157.23	98.677	17.24	828.89	26.296	0
"2011-07-27	18:00:00"	9.3479	144.98	98.881	17.444	639.99	26.285	0
"2011-07-27	19:00:00"	10.033	130.47	98.75	17.561	436.89	26.279	0
"2011-07-27	20:00:00"	10.065	132.2	98.069	17.758	212.7	26.285	0
"2011-07-27	21:00:00"	11.241	140.1	96.291	19.211	41.418	26.302	0
"2011-07-27	22:00:00"	10.093	136.77	93.055	20.801	0.12698	26.323	0
"2011-07-27	23:00:00"	9.6132	138.82	90.498	22.432	0.09264	26.35	0
"2011-07-28	00:00:00"	10.982	154.4	88.29	24.737	0.0867	26.364	0
"2011-07-28	01:00:00"	10.509	173.1	86.018	27.451	0.07801	26.373	0
"2011-07-28	02:00:00"	8.5457	179.25	83.678	29.328	0.07038	26.373	0
"2011-07-28	03:00:00"	8.061	181.93	82.073	31.423	0.10005	26.379	0
"2011-07-28	04:00:00"	8.2928	184.62	80.636	35.182	0.09624	26.367	0
"2011-07-28	05:00:00"	5.8558	181.4	78.318	38.462	0.08797	26.367	0
"2011-07-28	06:00:00"	3.5145	173.54	76.93	40.821	0.10641	26.37	0
"2011-07-28	07:00:00"	4.5428	145.96	76.174	42.28	0.39047	26.388	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-28"	08:00:00"	6.6201	139.32	76.557	41.522	54.255	26.406	0
"2011-07-28"	09:00:00"	11.348	157.68	79.07	39.102	233.8	26.409	0
"2011-07-28"	10:00:00"	15.861	162.43	83.378	34.454	454.56	26.426	0
"2011-07-28"	11:00:00"	15.627	167.65	86.879	30.92	666.69	26.423	0
"2011-07-28"	12:00:00"	14.884	160.03	89.641	27.169	847.87	26.426	0
"2011-07-28"	13:00:00"	15.749	149.78	92.864	21.436	976.2	26.42	0
"2011-07-28"	14:00:00"	16.095	144.81	94.789	20.765	1036.5	26.415	0
"2011-07-28"	15:00:00"	14.746	146.83	95.657	19.982	1037.9	26.406	0
"2011-07-28"	16:00:00"	13.672	154.54	96.157	19.87	917.73	26.388	0
"2011-07-28"	17:00:00"	12.434	140.25	96.694	18.675	721.8	26.373	0
"2011-07-28"	18:00:00"	12.466	133.09	97.139	18.003	537.07	26.358	0
"2011-07-28"	19:00:00"	12.191	142.05	96.91	18.166	419.23	26.353	0
"2011-07-28"	20:00:00"	11.536	132.98	96.055	18.935	212.99	26.364	0
"2011-07-28"	21:00:00"	9.1596	133.1	94.311	20.287	43.672	26.385	0
"2011-07-28"	22:00:00"	8.0654	113.08	91.034	22.866	0.1185	26.415	0
"2011-07-28"	23:00:00"	9.904	113.24	88.033	27.615	0.10111	26.432	0
"2011-07-29"	00:00:00"	10.745	123.17	86.323	29.416	0.07271	26.438	0
"2011-07-29"	01:00:00"	11.784	151.29	84.388	34.327	0.08543	26.45	0
"2011-07-29"	02:00:00"	8.2543	171.83	82.409	38.259	0.07801	26.45	0
"2011-07-29"	03:00:00"	6.2553	179.14	80.627	41.66	0.06889	26.45	0
"2011-07-29"	04:00:00"	4.7721	172.61	79.415	44.351	0.09836	26.453	0
"2011-07-29"	05:00:00"	6.287	157.39	78.56	47.247	0.08712	26.462	0
"2011-07-29"	06:00:00"	1.2676	53.096	76.077	51.184	0.06656	26.48	0
"2011-07-29"	07:00:00"	1.641	358.94	73.453	54.557	0.32878	26.5	0
"2011-07-29"	08:00:00"	1.4242	16.477	72.053	56.951	46.574	26.509	0
"2011-07-29"	09:00:00"	3.6064	54.972	78.481	47.253	170.7	26.521	0
"2011-07-29"	10:00:00"	6.008	137.23	80.51	45.345	390.1	26.524	0
"2011-07-29"	11:00:00"	6.8071	154.59	83.295	43.453	650.11	26.533	0
"2011-07-29"	12:00:00"	4.6106	115.46	86.198	36.886	827.7	26.536	0
"2011-07-29"	13:00:00"	8.6607	122.99	89.699	29.664	974.37	26.521	0
"2011-07-29"	14:00:00"	12.608	125.83	92.241	25.654	965.32	26.5	0
"2011-07-29"	15:00:00"	12.362	122.54	91.969	26.428	430.92	26.488	0
"2011-07-29"	16:00:00"	11.635	87.073	92.331	25.605	705.72	26.459	0
"2011-07-29"	17:00:00"	10.264	82.041	92.057	27.547	480.18	26.444	0
"2011-07-29"	18:00:00"	9.5629	10.045	84.145	40.859	111.29	26.453	0
"2011-07-29"	19:00:00"	6.2908	128.26	83.561	42.656	79.389	26.438	0
"2011-07-29"	20:00:00"	13.906	128.08	88.752	32.417	112.4	26.441	0
"2011-07-29"	21:00:00"	11.126	121.63	87.589	31.776	17.737	26.465	0
"2011-07-29"	22:00:00"	7.6795	113.65	85.101	35.002	0.11956	26.483	0
"2011-07-29"	23:00:00"	5.9701	100.32	82.428	37.458	0.09709	26.497	0
"2011-07-30"	00:00:00"	6.0043	87.986	80.406	41.123	0.09327	26.509	0
"2011-07-30"	01:00:00"	3.8078	61.093	77.587	48.589	0.08288	26.515	0
"2011-07-30"	02:00:00"	5.1058	53.901	75.768	55.341	0.10345	26.518	0
"2011-07-30"	03:00:00"	3.3299	119.34	76.307	51.364	0.07652	26.515	0
"2011-07-30"	04:00:00"	2.6533	140.44	76.627	49.851	0.07631	26.512	0
"2011-07-30"	05:00:00"	4.1899	204.98	77.624	45.256	0.09327	26.515	0
"2011-07-30"	06:00:00"	2.6147	259.85	75.62	48.089	0.08119	26.527	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-07-30"	07:00:00"	1.697	353.73	69.672	65.948	0.28575	26.542	0
"2011-07-30"	08:00:00"	1.3807	39.713	69.191	68.209	18.922	26.562	0
"2011-07-30"	09:00:00"	4.7268	144.51	76.19	51.33	199.91	26.574	0
"2011-07-30"	10:00:00"	10.11	183.44	80.412	50.657	431.79	26.577	0
"2011-07-30"	11:00:00"	8.734	172.38	83.146	48.01	647.61	26.586	0
"2011-07-30"	12:00:00"	5.0499	132.21	86.083	39.132	774.59	26.586	0
"2011-07-30"	13:00:00"	6.2889	120.82	89.259	31.861	939.36	26.571	0
"2011-07-30"	14:00:00"	9.4001	120.21	90.724	30.186	763.71	26.55	0
"2011-07-30"	15:00:00"	10.046	116.54	92.468	27.475	746.75	26.521	0
"2011-07-30"	16:00:00"	11.9	118.74	93.481	26.363	781.84	26.5	0
"2011-07-30"	17:00:00"	13.916	123.85	93.602	26.474	412.55	26.488	0
"2011-07-30"	18:00:00"	14.848	139.03	90.162	33.212	98.682	26.483	0
"2011-07-30"	19:00:00"	8.7153	157.12	89.445	34.758	169.83	26.471	0
"2011-07-30"	20:00:00"	12.384	128.04	91.468	27.923	173.8	26.477	0
"2011-07-30"	21:00:00"	11.763	126.98	90.327	29.577	36.795	26.494	0
"2011-07-30"	22:00:00"	11.199	133.39	87.84	34.314	0.14097	26.518	0
"2011-07-30"	23:00:00"	14.616	165.69	84.143	47.376	0.09751	26.553	0
"2011-07-31"	00:00:00"	13.582	170.21	81.105	55.818	0.09433	26.559	0
"2011-07-31"	01:00:00"	11.587	163.61	79.562	60.043	0.07165	26.574	0
"2011-07-31"	02:00:00"	9.786	172.94	78.338	61.138	0.0778	26.58	0
"2011-07-31"	03:00:00"	8.5414	170.01	77.189	62.185	0.08182	26.583	0
"2011-07-31"	04:00:00"	7.3347	174.12	75.935	64.963	0.06889	26.586	0
"2011-07-31"	05:00:00"	8.6936	174.6	75.072	66.914	0.08924	26.583	0
"2011-07-31"	06:00:00"	6.53	174.71	74.012	69.496	0.08225	26.583	0
"2011-07-31"	07:00:00"	4.8038	151.69	72.986	72.214	0.32051	26.595	0
"2011-07-31"	08:00:00"	7.198	140.92	73.278	72.174	47.358	26.609	0
"2011-07-31"	09:00:00"	12.599	155.91	75.593	67.873	206.73	26.615	0
"2011-07-31"	10:00:00"	15.666	170.95	78.553	60.069	429.93	26.63	0
"2011-07-31"	11:00:00"	14.392	172.86	81.304	52.626	637.06	26.621	0
"2011-07-31"	12:00:00"	12.233	174.6	84.075	45.966	795.06	26.621	0
"2011-07-31"	13:00:00"	12.327	173.62	86.412	39.88	820.72	26.607	0
"2011-07-31"	14:00:00"	11.846	158.88	88.031	35.715	786.4	26.598	0
"2011-07-31"	15:00:00"	11.545	142.67	89.857	31.89	869.1	26.583	0
"2011-07-31"	16:00:00"	12.959	148.42	91.418	28.267	913.49	26.568	0
"2011-07-31"	17:00:00"	13.628	153.11	92.636	25.289	755.83	26.545	0
"2011-07-31"	18:00:00"	13.492	142.17	93.476	21.861	647.49	26.533	0
"2011-07-31"	19:00:00"	13.63	141.98	93.183	20.593	448.37	26.521	0
"2011-07-31"	20:00:00"	13.729	146.74	92.368	20.672	210.46	26.512	0
"2011-07-31"	21:00:00"	12.022	150.68	90.681	21.579	38.834	26.521	0
"2011-07-31"	22:00:00"	7.5938	146.74	87.467	23.988	0.12125	26.539	0
"2011-07-31"	23:00:00"	5.5209	157.04	84.283	26.783	0.0867	26.568	0
"2011-08-01"	00:00:00"	6.9562	159.55	81.874	29.027	0.09624	26.574	0
"2011-08-01"	01:00:00"	7.8299	164.17	79.768	32.258	0.07822	26.586	0
"2011-08-01"	02:00:00"	7.2495	172.83	77.545	36.463	0.07716	26.586	0
"2011-08-01"	03:00:00"	6.7667	179.54	74.759	42.997	0.10302	26.58	0
"2011-08-01"	04:00:00"	5.8713	190.57	74.142	48.701	0.11044	26.571	0
"2011-08-01"	05:00:00"	3.0099	192.13	72.865	51.376	0.11404	26.568	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-01	06:00:00"	1.2285	191.83	71.146	54.359	0.08394	26.568	0
"2011-08-01	07:00:00"	1.6069	173.32	69.901	58.904	0.26179	26.571	0
"2011-08-01	08:00:00"	4.6671	158.64	71.334	59.596	51.557	26.583	0
"2011-08-01	09:00:00"	9.607	171.44	75.933	53.843	229.59	26.586	0
"2011-08-01	10:00:00"	14.811	181.19	81.323	44.686	452.35	26.592	0
"2011-08-01	11:00:00"	13.139	178.79	84.589	38.377	664.98	26.586	0
"2011-08-01	12:00:00"	12.472	170.65	86.634	33.092	844.8	26.577	0
"2011-08-01	13:00:00"	10.968	176.68	89.287	26.376	975.03	26.562	0
"2011-08-01	14:00:00"	11.531	170.39	91.81	20.964	1041.5	26.536	0
"2011-08-01	15:00:00"	11.085	159.7	93.432	19.091	1038.1	26.518	0
"2011-08-01	16:00:00"	10.927	155.74	94.391	17.916	964.26	26.5	0
"2011-08-01	17:00:00"	11.764	170.21	95.475	16.246	830.62	26.477	0
"2011-08-01	18:00:00"	10.326	167.08	95.981	16.748	647.34	26.465	0
"2011-08-01	19:00:00"	10.58	181.5	96.32	16.358	435.51	26.45	0
"2011-08-01	20:00:00"	9.3336	176.24	95.371	17.868	212.53	26.456	0
"2011-08-01	21:00:00"	8.5898	169.81	93.657	19.964	41.735	26.453	0
"2011-08-01	22:00:00"	6.7686	142.64	89.863	22.744	0.09052	26.465	0
"2011-08-01	23:00:00"	8.1002	137.22	87.265	25.34	0.08013	26.477	0
"2011-08-02	00:00:00"	9.0397	140.08	85.594	27.527	0.07229	26.48	0
"2011-08-02	01:00:00"	8.5351	153.74	83.561	30.606	0.08818	26.483	0
"2011-08-02	02:00:00"	7.2321	162.8	80.998	33.426	0.06656	26.483	0
"2011-08-02	03:00:00"	7.5062	177.15	79.867	34.013	0.08479	26.477	0
"2011-08-02	04:00:00"	5.903	180.18	78.454	35.1	0.09369	26.465	0
"2011-08-02	05:00:00"	3.5965	176.62	76.009	37.454	0.09073	26.459	0
"2011-08-02	06:00:00"	4.8094	160.66	75.052	38.672	0.09984	26.459	0
"2011-08-02	07:00:00"	5.5544	161.21	74.734	40.004	0.26794	26.465	0
"2011-08-02	08:00:00"	5.6427	163.7	75.35	40.669	50.957	26.474	0
"2011-08-02	09:00:00"	9.794	169.75	79.43	37.296	223.95	26.485	0
"2011-08-02	10:00:00"	15.051	177.44	84.897	31.245	436	26.485	0
"2011-08-02	11:00:00"	13.394	181.17	89.013	26.662	672.26	26.483	0
"2011-08-02	12:00:00"	12.403	173.37	92.514	22.217	816.32	26.477	0
"2011-08-02	13:00:00"	11.303	151.9	94.687	20.113	952.75	26.468	0
"2011-08-02	14:00:00"	8.7532	149.92	95.79	18.135	1038.3	26.447	0
"2011-08-02	15:00:00"	9.0472	112.67	97.223	16.468	1029.4	26.432	0
"2011-08-02	16:00:00"	8.3431	160.52	98.282	15.278	967.61	26.415	0
"2011-08-02	17:00:00"	8.3866	151.19	99.351	14.454	813.53	26.397	0
"2011-08-02	18:00:00"	10.112	143.87	99.808	13.572	635.47	26.376	0
"2011-08-02	19:00:00"	10.706	122.88	99.235	12.891	429.63	26.376	0
"2011-08-02	20:00:00"	11.028	126.04	98.301	13.041	212.72	26.373	0
"2011-08-02	21:00:00"	10.443	129.7	96.05	14.976	39.585	26.385	0
"2011-08-02	22:00:00"	9.6263	129.09	92.493	17.363	0.08373	26.4	0
"2011-08-02	23:00:00"	8.1897	138.82	89.067	20.612	0.08204	26.418	0
"2011-08-03	00:00:00"	8.9999	149.9	87.095	22.702	0.08882	26.418	0
"2011-08-03	01:00:00"	5.8893	173.15	83.744	26.241	0.0903	26.423	0
"2011-08-03	02:00:00"	6.5381	178.62	81.735	30.91	0.10005	26.42	0
"2011-08-03	03:00:00"	8.6072	182.97	82.524	34.634	0.08903	26.429	0
"2011-08-03	04:00:00"	4.7709	178.24	79.482	38.673	0.07292	26.423	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-03	05:00:00"	5.6358	173.01	77.952	43.041	0.0725	26.432	0
"2011-08-03	06:00:00"	5.1735	209.38	76.966	45.647	0.07992	26.441	0
"2011-08-03	07:00:00"	2.4929	205.65	77.477	46.13	0.138	26.465	0
"2011-08-03	08:00:00"	2.296	335.3	73.555	52.144	15.867	26.48	0
"2011-08-03	09:00:00"	3.7202	26.8	76.682	48.196	151.62	26.485	0
"2011-08-03	10:00:00"	2.8875	96.523	83.498	38.464	339.42	26.491	0
"2011-08-03	11:00:00"	3.1833	185.5	87.287	32.477	602.53	26.491	0
"2011-08-03	12:00:00"	6.1559	140.99	90.263	28.503	813.62	26.483	0
"2011-08-03	13:00:00"	11.875	138.07	92.506	26.531	942.26	26.465	0
"2011-08-03	14:00:00"	13.171	130.31	94.509	24.536	987.22	26.432	0
"2011-08-03	15:00:00"	13.695	134.37	95.501	23.181	928.3	26.418	0
"2011-08-03	16:00:00"	11.73	134.76	96.257	21.676	772.6	26.397	0
"2011-08-03	17:00:00"	11.545	130.93	97.461	19.258	729.24	26.376	0
"2011-08-03	18:00:00"	11.595	134.94	97.702	18.776	578.31	26.358	0
"2011-08-03	19:00:00"	11.896	141.38	97.702	18.455	417.1	26.341	0
"2011-08-03	20:00:00"	11.559	131.65	96.475	19.081	149.5	26.344	0
"2011-08-03	21:00:00"	9.9009	147.64	94.733	20.682	32.984	26.356	0
"2011-08-03	22:00:00"	6.1007	136.12	91.246	23.636	0.11404	26.376	0
"2011-08-03	23:00:00"	7.0426	139.49	89.323	26.379	0.07949	26.388	0
"2011-08-04	00:00:00"	4.5994	160.64	87.43	29.228	0.08712	26.397	0
"2011-08-04	01:00:00"	16.695	162.59	85.336	31.473	0.09497	26.409	0
"2011-08-04	02:00:00"	3.3846	196.69	83.23	34.144	0.06317	26.418	0
"2011-08-04	03:00:00"	4.6926	197.24	82.549	35.865	0.09391	26.426	0
"2011-08-04	04:00:00"	5.7166	190.3	81.315	38.009	0.10641	26.423	0
"2011-08-04	05:00:00"	6.7164	189.06	80.386	41.246	0.0761	26.429	0
"2011-08-04	06:00:00"	2.7272	202.61	78.995	43.072	0.10111	26.432	0
"2011-08-04	07:00:00"	1.5162	159.05	76.203	45.962	0.12316	26.432	0
"2011-08-04	08:00:00"	3.082	110.48	75.594	48.156	41.68	26.453	0
"2011-08-04	09:00:00"	6.0727	19.87	81.914	40.66	211.99	26.465	0
"2011-08-04	10:00:00"	3.8687	104.62	85.043	35.587	432.11	26.474	0
"2011-08-04	11:00:00"	2.9428	121.61	87.642	31.572	642.14	26.471	0
"2011-08-04	12:00:00"	5.5532	150.35	90.024	28.712	826.77	26.468	0
"2011-08-04	13:00:00"	9.7226	145.82	91.95	27.531	959.19	26.456	0
"2011-08-04	14:00:00"	8.9788	147.74	93.864	24.414	1070.9	26.438	0
"2011-08-04	15:00:00"	8.5395	151.25	95.526	21.766	811.75	26.42	0
"2011-08-04	16:00:00"	8.6837	148.97	96.33	20.695	794.71	26.394	0
"2011-08-04	17:00:00"	10.278	155.19	97.318	18.959	739.93	26.376	0
"2011-08-04	18:00:00"	10.328	164.04	97.943	18.073	661.14	26.364	0
"2011-08-04	19:00:00"	9.0148	137.78	97.924	17.883	429.27	26.358	0
"2011-08-04	20:00:00"	9.9432	139.44	97.202	18.232	210.83	26.361	0
"2011-08-04	21:00:00"	8.0654	146.01	95.323	19.583	35.354	26.37	0
"2011-08-04	22:00:00"	7.0892	139.12	92.124	22.261	0.07017	26.382	0
"2011-08-04	23:00:00"	5.2058	156.01	89.15	24.703	0.09412	26.397	0
"2011-08-05	00:00:00"	6.7736	148.9	87.923	25.976	0.09327	26.403	0
"2011-08-05	01:00:00"	8.7302	166.16	85.27	28.306	0.11056	26.409	0
"2011-08-05	02:00:00"	6.2466	189.12	83.057	30.264	0.08013	26.42	0
"2011-08-05	03:00:00"	4.6485	182.8	81.193	31.354	0.08416	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-05	04:00:00"	5.0337	182.69	80.389	31.912	0.11383	26.415	0
"2011-08-05	05:00:00"	4.6211	175.81	78.643	34.323	0.08755	26.415	0
"2011-08-05	06:00:00"	4.866	177.53	77.713	35.77	0.07356	26.423	0
"2011-08-05	07:00:00"	5.7123	164	77.168	37.344	0.21961	26.426	0
"2011-08-05	08:00:00"	7.7796	162.4	77.684	38.401	44.797	26.435	0
"2011-08-05	09:00:00"	12.496	170.09	81.481	35.846	217.81	26.447	0
"2011-08-05	10:00:00"	14.134	183.75	86.401	31.285	443.14	26.453	0
"2011-08-05	11:00:00"	12.216	181.7	89.639	27.64	660.99	26.456	0
"2011-08-05	12:00:00"	10.256	159.49	92.511	24.103	844.46	26.453	0
"2011-08-05	13:00:00"	12.207	159.22	94.27	20.788	976.28	26.438	0
"2011-08-05	14:00:00"	11.198	153.66	95.894	19.674	1041.5	26.418	0
"2011-08-05	15:00:00"	11.503	144.72	97.336	17.559	1038.4	26.403	0
"2011-08-05	16:00:00"	10.525	157.83	98.245	16.794	943.96	26.391	0
"2011-08-05	17:00:00"	10.55	145.45	99.039	15.524	827.15	26.373	0
"2011-08-05	18:00:00"	10.452	145.42	99.753	15.552	651.93	26.361	0
"2011-08-05	19:00:00"	11.736	139.37	99.31	16.399	405.85	26.35	0
"2011-08-05	20:00:00"	11.246	148.18	98.532	17.01	205.76	26.353	0
"2011-08-05	21:00:00"	9.6194	142.87	96.275	18.399	19.493	26.358	0
"2011-08-05	22:00:00"	7.833	137.75	92.589	20.714	0.08691	26.373	0
"2011-08-05	23:00:00"	8.0996	142.7	90.238	22.709	0.08479	26.388	0
"2011-08-06	00:00:00"	8.4662	157.82	87.822	24.407	0.1009	26.4	0
"2011-08-06	01:00:00"	7.2408	181.38	85.794	26.809	0.08797	26.418	0
"2011-08-06	02:00:00"	5.1965	193.49	84.101	29.428	0.10048	26.426	0
"2011-08-06	03:00:00"	4.3272	200.27	82.552	31.736	0.0744	26.423	0
"2011-08-06	04:00:00"	6.6151	202.24	81.842	34.126	0.085	26.423	0
"2011-08-06	05:00:00"	5.3245	187.73	80.112	37.016	0.09497	26.412	0
"2011-08-06	06:00:00"	5.1971	177.94	78.264	40.373	0.09772	26.418	0
"2011-08-06	07:00:00"	6.0882	179.42	77.019	42.762	0.19947	26.429	0
"2011-08-06	08:00:00"	5.409	205.65	77.55	43.937	44.217	26.444	0
"2011-08-06	09:00:00"	11.345	183.8	80.699	43.158	214.56	26.456	0
"2011-08-06	10:00:00"	13.553	188.95	83.947	40.174	437.91	26.465	0
"2011-08-06	11:00:00"	12.159	187.29	86.635	37.374	651.4	26.456	0
"2011-08-06	12:00:00"	9.753	172.15	90.376	31.942	832.79	26.456	0
"2011-08-06	13:00:00"	10.782	157.27	93.266	25.273	965.63	26.441	0
"2011-08-06	14:00:00"	10.576	144.01	95.545	19.306	1035.3	26.426	0
"2011-08-06	15:00:00"	9.6723	157.87	96.9	18.306	1026.1	26.412	0
"2011-08-06	16:00:00"	7.3427	166.7	98.182	16.789	952.51	26.391	0
"2011-08-06	17:00:00"	6.8431	130.02	98.656	16.57	814.08	26.373	0
"2011-08-06	18:00:00"	6.512	97.79	99.765	16.184	630.22	26.356	0
"2011-08-06	19:00:00"	5.4376	115.34	99.644	16.084	409.83	26.347	0
"2011-08-06	20:00:00"	6.3405	134.11	98.673	16.923	114.94	26.35	0
"2011-08-06	21:00:00"	5.2649	111.45	96.069	18.35	17.901	26.361	0
"2011-08-06	22:00:00"	5.3674	97.982	90.841	21.735	0.08903	26.379	0
"2011-08-06	23:00:00"	6.9935	108.23	89.213	24.115	0.0884	26.394	0
"2011-08-07	00:00:00"	7.49	140.82	87.882	25.704	0.0973	26.409	0
"2011-08-07	01:00:00"	7.6677	156.61	85.786	29.374	0.09391	26.406	0
"2011-08-07	02:00:00"	11.823	172.57	86.867	31.19	0.0778	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-07	03:00:00"	11.169	178.56	84.692	34.87	0.08543	26.406	0
"2011-08-07	04:00:00"	10.123	184.91	83.095	38.215	0.11299	26.409	0
"2011-08-07	05:00:00"	8.7943	188.51	81.737	41.107	0.09433	26.415	0
"2011-08-07	06:00:00"	8.0579	183.24	80.403	43.738	0.08818	26.418	0
"2011-08-07	07:00:00"	8.6563	173.98	80.066	44.781	0.11722	26.426	0
"2011-08-07	08:00:00"	9.292	173.13	79.768	45.473	30.599	26.432	0
"2011-08-07	09:00:00"	12.499	177.34	80.837	43.944	172.23	26.45	0
"2011-08-07	10:00:00"	15.809	175.43	84.268	39.082	424.76	26.444	0
"2011-08-07	11:00:00"	13.704	174.14	88.54	32.186	645.13	26.441	0
"2011-08-07	12:00:00"	13.806	148.29	92.336	22.151	827.81	26.435	0
"2011-08-07	13:00:00"	11.986	168.05	93.975	19.93	958.46	26.42	0
"2011-08-07	14:00:00"	10.589	159.23	95.786	17.906	1025.3	26.403	0
"2011-08-07	15:00:00"	9.2093	138.02	97.558	16.508	1021.9	26.382	0
"2011-08-07	16:00:00"	6.9283	116.78	98.234	15.444	948.03	26.358	0
"2011-08-07	17:00:00"	6.663	108.9	99.541	13.603	814.5	26.338	0
"2011-08-07	18:00:00"	7.531	95.296	99.975	12.562	632.81	26.311	0
"2011-08-07	19:00:00"	6.9531	107.11	99.874	12.361	383.35	26.311	0
"2011-08-07	20:00:00"	8.3438	80.34	96.046	18.854	43.867	26.335	0
"2011-08-07	21:00:00"	7.5055	260.86	87.321	34.564	5.5833	26.338	0
"2011-08-07	22:00:00"	6.3983	203.7	85.103	37.28	0.08755	26.338	0
"2011-08-07	23:00:00"	3.7655	160.08	84.034	37.163	0.08161	26.35	0
"2011-08-08	00:00:00"	1.6845	152.02	83.024	36.781	0.06699	26.361	0
"2011-08-08	01:00:00"	5.227	165.57	82.436	36.179	0.0744	26.367	0
"2011-08-08	02:00:00"	7.7994	174.6	81.983	36.053	0.06211	26.367	0
"2011-08-08	03:00:00"	5.5961	177.16	80.612	39.514	0.07907	26.367	0
"2011-08-08	04:00:00"	5.0381	178.6	78.881	42.162	0.07292	26.358	0
"2011-08-08	05:00:00"	4.8896	178.86	77.362	44.967	0.11532	26.356	0
"2011-08-08	06:00:00"	5.7154	181.93	77.155	46.327	0.10027	26.356	0
"2011-08-08	07:00:00"	7.71	191.46	77.011	48.187	0.14054	26.367	0
"2011-08-08	08:00:00"	7.7559	175	75.744	49.941	40.305	26.37	0
"2011-08-08	09:00:00"	12.56	177.68	78.625	45.082	208.11	26.376	0
"2011-08-08	10:00:00"	15.199	187.3	82.476	40.469	430.61	26.382	0
"2011-08-08	11:00:00"	12.105	191.19	86.264	36.862	632.23	26.379	0
"2011-08-08	12:00:00"	10.063	187.08	90.48	31.701	826.12	26.37	0
"2011-08-08	13:00:00"	11.124	181.61	93.701	27.166	957.72	26.361	0
"2011-08-08	14:00:00"	9.5585	167.21	96.331	23.211	1023.3	26.341	0
"2011-08-08	15:00:00"	7.7305	163.63	97.86	20.752	1008.3	26.326	0
"2011-08-08	16:00:00"	6.448	187.96	99.77	18.493	949.08	26.305	0
"2011-08-08	17:00:00"	5.7222	177.3	100.55	17.365	810.48	26.288	0
"2011-08-08	18:00:00"	5.6215	100.04	101.24	16.465	611.13	26.273	0
"2011-08-08	19:00:00"	6.6891	128.63	101.22	16.219	392.42	26.261	0
"2011-08-08	20:00:00"	6.4859	120.25	100.35	16.677	126.14	26.261	0
"2011-08-08	21:00:00"	6.5437	114.93	97.63	17.951	12.519	26.273	0
"2011-08-08	22:00:00"	8.5929	119.93	94.785	19.929	0.06508	26.285	0
"2011-08-08	23:00:00"	8.4923	133.92	91.911	21.484	0.08373	26.299	0
"2011-08-09	00:00:00"	8.8545	152.31	89.574	22.094	0.07525	26.314	0
"2011-08-09	01:00:00"	11.314	161.35	87.705	26.404	0.09153	26.323	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-09	02:00:00"	11.805	168.09	86.414	33.371	0.08352	26.323	0
"2011-08-09	03:00:00"	11.326	176.58	84.509	37.217	0.08119	26.317	0
"2011-08-09	04:00:00"	9.4629	178.74	82.328	40.579	0.07864	0	0
"2011-08-09	05:00:00"	6.5418	195.82	80.435	43.172	0.07822	26.332	0
"2011-08-09	06:00:00"	4.3602	203.77	79.643	44.605	0.11383	26.338	0
"2011-08-09	07:00:00"	3.0596	189.55	78.508	45.74	0.14054	0.26341	0
"2011-08-09	08:00:00"	3.9171	155.19	78.158	45.784	30.386	26.361	0
"2011-08-09	09:00:00"	9.5057	176.04	80.803	42.207	209.07	26.373	0
"2011-08-09	10:00:00"	12.571	175.3	84.076	38.651	389.32	26.391	0
"2011-08-09	11:00:00"	10.14	161.67	87.374	36.329	584.06	26.397	0
"2011-08-09	12:00:00"	8.9956	156.41	91.32	32.646	778.38	26.394	0
"2011-08-09	13:00:00"	11.068	142.72	95.642	23.658	955.79	26.376	0
"2011-08-09	14:00:00"	12.553	134.03	97.74	19.451	1026.3	26.364	0
"2011-08-09	15:00:00"	13.12	133.15	98.875	19.103	1018.8	26.344	0
"2011-08-09	16:00:00"	13.868	137.71	99.536	18.486	943.81	26.323	0
"2011-08-09	17:00:00"	13.875	141.36	99.973	17.478	788.02	26.305	0
"2011-08-09	18:00:00"	12.498	134.74	99.578	17.972	564.77	26.296	0
"2011-08-09	19:00:00"	12.775	133.23	99.642	16.708	411.49	26.291	0
"2011-08-09	20:00:00"	12.853	138.57	98.598	16.405	190.45	26.299	0
"2011-08-09	21:00:00"	10.769	125.84	95.97	18.463	18.26	26.308	0
"2011-08-09	22:00:00"	9.4374	129.4	92.717	22.261	0.08564	26.317	0
"2011-08-09	23:00:00"	7.8013	136.52	90.162	24.538	0.08352	26.344	0
"2011-08-10	00:00:00"	7.7199	139.68	88.002	26.617	0.10408	26.347	0
"2011-08-10	01:00:00"	8.6414	154.9	85.679	30.033	0.07928	26.344	0
"2011-08-10	02:00:00"	9.3975	175.31	83.917	36.439	0.08967	26.35	0
"2011-08-10	03:00:00"	9.6207	184.37	82.912	41.561	0.08755	26.341	0
"2011-08-10	04:00:00"	9.735	189.45	82.091	44.707	0.12062	26.338	0
"2011-08-10	05:00:00"	5.5644	175.58	79.349	49.23	0.09285	26.32	0
"2011-08-10	06:00:00"	7.2868	158.91	78.582	50.989	0.092	26.314	0
"2011-08-10	07:00:00"	5.6855	164.47	77.415	51.898	0.09942	26.317	0
"2011-08-10	08:00:00"	5.5072	176.97	76.386	52.923	38.959	26.332	0
"2011-08-10	09:00:00"	10.438	166.76	80.01	46.733	203.7	26.338	0
"2011-08-10	10:00:00"	12.654	179.44	83.989	41.315	430.09	26.344	0
"2011-08-10	11:00:00"	10.487	183.36	87.707	36.389	652.64	26.344	0
"2011-08-10	12:00:00"	7.1004	189.58	91.701	29.091	836.88	26.341	0
"2011-08-10	13:00:00"	5.4295	202.11	95.412	22.828	970.46	26.332	0
"2011-08-10	14:00:00"	4.9393	178.45	97.851	18.918	1033.3	26.311	0
"2011-08-10	15:00:00"	5.6209	162.94	99.298	16.162	1034.9	26.288	0
"2011-08-10	16:00:00"	5.6091	184.05	100.84	14.092	960.77	26.264	0
"2011-08-10	17:00:00"	7.7038	171.6	101.84	12.63	662.43	26.249	0
"2011-08-10	18:00:00"	6.6897	125.61	101.98	10.858	636.14	26.234	0
"2011-08-10	19:00:00"	5.2611	139.65	102.11	10.736	421.24	26.232	0
"2011-08-10	20:00:00"	6.7431	164.93	101.41	10.754	193.17	26.243	0
"2011-08-10	21:00:00"	8.624	136.94	98.471	14.719	24.935	26.258	0
"2011-08-10	22:00:00"	12.803	151.23	93.77	22.67	0.09285	26.282	0
"2011-08-10	23:00:00"	11.368	167.05	89.514	28.745	0.06614	26.305	0
"2011-08-11	00:00:00"	4.9654	208.42	86.509	31.564	0.08712	26.323	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-11"	01:00:00"	5.5366	180.72	84.763	32.828	0.10041	26.329	0
"2011-08-11"	02:00:00"	7.2502	157.15	83.033	36.828	0.09942	0	0
"2011-08-11"	03:00:00"	7.8862	155.76	82.139	39.277	0.07758	26.317	0
"2011-08-11"	04:00:00"	8.9036	168.7	82.115	42.431	0.13206	26.311	0
"2011-08-11"	05:00:00"	7.6634	187.05	80.814	44.943	0.09327	26.326	0
"2011-08-11"	06:00:00"	5.7017	208.29	78.361	47.139	0.07017	26.332	0
"2011-08-11"	07:00:00"	3.7264	206.51	77.165	49.241	0.10599	26.338	0
"2011-08-11"	08:00:00"	4.7199	219.53	76.269	51.026	34.875	26.353	0
"2011-08-11"	09:00:00"	4.971	244.43	79.27	46.66	190.67	26.358	0
"2011-08-11"	10:00:00"	8.2568	286.06	85.294	36.098	419.61	26.367	0
"2011-08-11"	11:00:00"	8.5414	328.67	89.771	30.132	634.97	26.385	0
"2011-08-11"	12:00:00"	7.0333	63.639	90.759	28.751	812.75	26.388	0
"2011-08-11"	13:00:00"	5.1698	126.45	93.014	25.77	901.46	26.367	0
"2011-08-11"	14:00:00"	7.8119	139.79	95.743	23.46	1008.7	26.353	0
"2011-08-11"	15:00:00"	5.7241	144.03	97.289	20.764	967.92	26.323	0
"2011-08-11"	16:00:00"	8.5463	192.91	96.462	22.174	243.89	26.311	0
"2011-08-11"	17:00:00"	12.585	229.71	92.178	26.63	164.29	26.308	0
"2011-08-11"	18:00:00"	8.4295	212.87	86.768	35.647	69.623	26.35	0
"2011-08-11"	19:00:00"	10.917	322.33	82.076	46.847	48.462	26.332	0
"2011-08-11"	20:00:00"	8.1362	332.99	81.138	47.743	39.97	26.338	0
"2011-08-11"	21:00:00"	7.9548	61.046	81.459	47.599	4.2809	26.367	0
"2011-08-11"	22:00:00"	10.272	49.722	78.622	55.581	0.08458	26.364	0
"2011-08-11"	23:00:00"	11.147	56.781	77.614	56.353	0.08628	26.376	0
"2011-08-12"	00:00:00"	11.147	75.276	78.531	53.67	0.10875	26.385	0
"2011-08-12"	01:00:00"	11.062	104.78	77.35	58.253	0.10938	26.429	0
"2011-08-12"	02:00:00"	10.896	139.03	75.85	65.259	0.07589	26.42	0
"2011-08-12"	03:00:00"	9.8027	129.11	75.055	67.335	0.08013	26.42	0
"2011-08-12"	04:00:00"	11.979	125.23	74.25	68.901	0.07546	26.42	0
"2011-08-12"	05:00:00"	10.663	144.81	74.113	64.409	0.05575	26.415	0
"2011-08-12"	06:00:00"	10.224	155.02	73.393	68.21	0.08161	26.415	0
"2011-08-12"	07:00:00"	7.0482	192.72	72.145	73.522	0.08967	26.403	0
"2011-08-12"	08:00:00"	4.9635	223.99	71.603	73.939	20.249	26.412	0
"2011-08-12"	09:00:00"	5.1686	215.88	72.75	70.149	97.643	26.409	0
"2011-08-12"	10:00:00"	7.1134	236.12	77.306	60.274	398.35	26.412	0
"2011-08-12"	11:00:00"	7.6901	224.76	83.621	45.536	661.28	26.423	0
"2011-08-12"	12:00:00"	7.8846	189.51	85.786	40.967	796.46	26.423	0
"2011-08-12"	13:00:00"	8.2077	182.07	87.359	38.718	891.48	26.415	0
"2011-08-12"	14:00:00"	4.4204	160.09	90.236	33.075	885.14	26.4	0
"2011-08-12"	15:00:00"	8.1213	111.45	91.799	30.251	709.62	26.385	0
"2011-08-12"	16:00:00"	8.9541	118.84	92.27	29.585	702.01	26.364	0
"2011-08-12"	17:00:00"	8.2736	147.73	93.896	27.202	569.64	26.347	0
"2011-08-12"	18:00:00"	9.6909	140.84	94.099	27.548	482.05	26.338	0
"2011-08-12"	19:00:00"	9.4927	162.13	94.254	26.876	337.6	26.338	0
"2011-08-12"	20:00:00"	10.033	142.52	92.949	27.878	58.482	26.347	0
"2011-08-12"	21:00:00"	8.4482	211.23	88.647	34.083	5.1874	26.37	0
"2011-08-12"	22:00:00"	2.7744	273.95	85.06	39.876	0.08331	26.385	0
"2011-08-12"	23:00:00"	2.2835	6.8394	83.544	42.597	0.08776	26.394	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-13"	00:00:00"	2.9037	312.99	81.437	46.031	0.08373	26.406	0
"2011-08-13"	01:00:00"	2.7968	265.64	81.014	46.149	0.08225	26.406	0
"2011-08-13"	02:00:00"	5.4886	192.86	80.138	49.106	0.07207	26.415	0
"2011-08-13"	03:00:00"	4.8169	222.43	78.876	51.07	0.08225	26.418	0
"2011-08-13"	04:00:00"	5.0424	324.81	77.229	53.852	0.08479	26.423	0
"2011-08-13"	05:00:00"	5.5979	25.029	75.076	55.391	0.09264	26.42	0
"2011-08-13"	06:00:00"	3.6462	41.169	72.342	62.033	0.10027	26.409	0
"2011-08-13"	07:00:00"	1.8368	76.015	71.911	63.716	0.09327	26.42	0
"2011-08-13"	08:00:00"	5.9975	72.298	71.778	64.619	22.67	26.45	0
"2011-08-13"	09:00:00"	7.9082	117.64	75.595	60.983	159.9	26.465	0
"2011-08-13"	10:00:00"	9.8239	134.54	79.578	62.416	363.2	26.477	0
"2011-08-13"	11:00:00"	11.065	129.95	81.765	56.941	585.2	26.497	0
"2011-08-13"	12:00:00"	9.3703	144.61	84.349	49.506	794.81	26.509	0
"2011-08-13"	13:00:00"	8.2356	136.26	87.21	42.623	696.97	26.512	0
"2011-08-13"	14:00:00"	11.195	124	89.852	34.974	946.37	26.494	0
"2011-08-13"	15:00:00"	12.39	97.208	91.378	31.943	861.57	26.477	0
"2011-08-13"	16:00:00"	14.198	100.68	91.783	31.441	786.93	26.45	0
"2011-08-13"	17:00:00"	15.019	99.772	90.663	34.363	727.44	26.456	0
"2011-08-13"	18:00:00"	14.927	110.73	90.152	34.014	469.66	26.456	0
"2011-08-13"	19:00:00"	14.266	123.92	88.545	35.966	246.17	26.468	0
"2011-08-13"	20:00:00"	13.804	120.01	87.849	35.715	158.23	26.474	0
"2011-08-13"	21:00:00"	11.466	128.65	86.092	37.601	19.539	26.483	0
"2011-08-13"	22:00:00"	8.9782	133.81	83.133	43.291	0.07398	26.509	0
"2011-08-13"	23:00:00"	6.9096	131.12	80.401	48.234	0.09052	26.521	0
"2011-08-14"	00:00:00"	7.4235	120.91	78.206	51.133	0.09497	26.524	0
"2011-08-14"	01:00:00"	7.5052	128.86	76.613	55.88	0.08202	26.536	0
"2011-08-14"	02:00:00"	5.7371	115.55	75.335	60.399	0.10302	26.539	0
"2011-08-14"	03:00:00"	6.6505	118.91	73.933	62.034	0.08818	26.547	0
"2011-08-14"	04:00:00"	5.8925	127.93	73.37	58.427	0.07292	26.545	0
"2011-08-14"	05:00:00"	2.8639	95.232	71.45	63.67	0.0778	26.539	0
"2011-08-14"	06:00:00"	3.7829	70.644	69.191	69.096	0.08416	26.53	0
"2011-08-14"	07:00:00"	4.1054	45.065	66.082	76.252	0.0797	26.539	0
"2011-08-14"	08:00:00"	4.9859	50.564	65.771	77.623	32.211	26.547	0
"2011-08-14"	09:00:00"	7.5149	86.677	71.299	67.633	174.76	26.562	0
"2011-08-14"	10:00:00"	8.4531	115.37	77.222	56.018	397.83	26.562	0
"2011-08-14"	11:00:00"	7.7553	131.43	80.342	49.738	477.64	26.565	0
"2011-08-14"	12:00:00"	4.4223	101.92	82.418	44.328	637.68	26.556	0
"2011-08-14"	13:00:00"	5.473	110.19	85.271	37.447	1009.8	26.536	0
"2011-08-14"	14:00:00"	6.8649	97.532	87.269	32.092	944.64	26.521	0
"2011-08-14"	15:00:00"	9.8189	89.574	89.139	27.214	936.51	26.503	0
"2011-08-14"	16:00:00"	14.696	140.45	87.133	37.055	714.57	26.497	0
"2011-08-14"	17:00:00"	16.588	161.98	85.36	40.921	670.01	26.477	0
"2011-08-14"	18:00:00"	14.405	157.94	84.143	41.599	349.08	26.462	0
"2011-08-14"	19:00:00"	11.322	151.84	85.131	37.918	389.77	26.438	0
"2011-08-14"	20:00:00"	11.566	148.93	84.793	37.35	175.83	26.444	0
"2011-08-14"	21:00:00"	8.1716	133	83.734	37.239	21.72	26.453	0
"2011-08-14"	22:00:00"	6.7009	141.63	81.303	40.214	0.07419	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-14	23:00:00"	4.1874	146.08	78.807	46.664	0.09984	26.491	0
"2011-08-15	00:00:00"	4.2365	153.44	77.769	52.933	0.10111	26.488	0
"2011-08-15	01:00:00"	4.0551	164.26	76.472	56.795	0.06253	26.488	0
"2011-08-15	02:00:00"	5.1692	146.68	75.887	59.229	0.07292	26.474	0
"2011-08-15	03:00:00"	5.5961	140.47	74.831	61.236	0.07992	26.465	0
"2011-08-15	04:00:00"	5.6712	138.7	73.717	64.567	0.10896	26.456	0
"2011-08-15	05:00:00"	6.4237	139.1	72.69	68.016	0.09645	26.447	0
"2011-08-15	06:00:00"	5.076	141.5	72.102	69.289	0.092	26.438	0
"2011-08-15	07:00:00"	3.1864	148.53	71.799	69.535	0.08903	26.441	0
"2011-08-15	08:00:00"	2.0946	111.56	71.171	70.168	17.44	26.45	0
"2011-08-15	09:00:00"	4.8324	126.97	72.822	65.666	113.13	26.459	0
"2011-08-15	10:00:00"	10.545	161.88	77.879	51.854	268.95	26.474	0
"2011-08-15	11:00:00"	12.424	182.85	81.416	43.739	490.82	26.471	0
"2011-08-15	12:00:00"	11.503	183.38	85.612	35.124	791.59	26.462	0
"2011-08-15	13:00:00"	9.7338	189.74	88.08	30.537	917.92	26.444	0
"2011-08-15	14:00:00"	9.0403	194.91	90.481	26.932	992.09	26.429	0
"2011-08-15	15:00:00"	8.4078	196.62	92.21	25.056	916.67	26.403	0
"2011-08-15	16:00:00"	10.141	186.41	92.593	25.417	665.22	26.388	0
"2011-08-15	17:00:00"	10.356	190.94	93.395	24.202	702.86	26.37	0
"2011-08-15	18:00:00"	11.643	172.59	93.347	23.805	414.42	26.367	0
"2011-08-15	19:00:00"	11.694	180.39	93.41	22.764	278.23	26.361	0
"2011-08-15	20:00:00"	9.5244	182.27	92.188	23.013	58.803	26.358	0
"2011-08-15	21:00:00"	9.9047	171.29	90.399	24.038	8.2587	26.364	0
"2011-08-15	22:00:00"	7.2514	160.08	87.352	26.298	0.08988	26.385	0
"2011-08-15	23:00:00"	8.1953	152.65	85.419	29.994	0.0831	26.403	0
"2011-08-16	00:00:00"	8.9204	158.79	83.49	30.103	0.0761	26.412	0
"2011-08-16	01:00:00"	7.3204	183.32	82.16	28.73	0.08204	26.423	0
"2011-08-16	02:00:00"	9.0329	181.78	81.3	32.368	0.09264	26.42	0
"2011-08-16	03:00:00"	9.5884	175.6	80.243	35.912	0.11214	26.415	0
"2011-08-16	04:00:00"	8.1872	175.24	78.892	38.656	0.12146	26.415	0
"2011-08-16	05:00:00"	7.0296	173.72	77.851	40.394	0.10875	26.412	0
"2011-08-16	06:00:00"	6.2261	173.52	77.081	41.77	0.10048	26.415	0
"2011-08-16	07:00:00"	4.6218	179	76.002	43.818	0.09454	26.426	0
"2011-08-16	08:00:00"	5.629	166.74	75.364	45.214	31.003	26.435	0
"2011-08-16	09:00:00"	12.052	169.3	78.351	41.804	185.94	26.441	0
"2011-08-16	10:00:00"	15.004	173.69	80.954	38.931	407.73	26.444	0
"2011-08-16	11:00:00"	13.298	178.43	83.532	36.905	531.4	26.456	0
"2011-08-16	12:00:00"	11.032	184.36	87.489	32.583	723.66	26.453	0
"2011-08-16	13:00:00"	9.4473	173.57	90.706	28.586	638.2	26.441	0
"2011-08-16	14:00:00"	9.5008	167.95	93.381	24.845	962.04	26.435	0
"2011-08-16	15:00:00"	8.7222	171.12	94.64	23.47	851.14	26.418	0
"2011-08-16	16:00:00"	10.178	142.38	95.59	23.219	704.09	26.412	0
"2011-08-16	17:00:00"	10.179	175.04	96.731	22.074	808.66	26.397	0
"2011-08-16	18:00:00"	9.6866	152.73	96.863	21.651	514.51	26.385	0
"2011-08-16	19:00:00"	10.253	158.65	97.017	21.469	398.71	26.379	0
"2011-08-16	20:00:00"	10.049	156.28	96.431	21.613	176.75	26.388	0
"2011-08-16	21:00:00"	11.014	144.98	94.007	23.561	7.9083	26.403	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-16	22:00:00"	10.542	142.5	91.17	25.034	0.09094	26.435	0
"2011-08-16	23:00:00"	10.808	144.44	88.646	26.902	0.07737	26.465	0
"2011-08-17	00:00:00"	10.7	149.66	87.06	28.514	0.09709	26.488	0
"2011-08-17	01:00:00"	3.4113	269.67	84.671	31.085	0.05787	26.524	0
"2011-08-17	02:00:00"	3.3882	216.81	84.12	33.888	0.10154	26.536	0
"2011-08-17	03:00:00"	2.7042	241.86	81.89	37.134	0.09348	26.539	0
"2011-08-17	04:00:00"	1.8455	351.58	77.413	42.208	0.09624	26.539	0
"2011-08-17	05:00:00"	5.3985	22.183	74.698	52.118	0.07992	26.542	0
"2011-08-17	06:00:00"	4.9045	15.21	73.514	58.416	0.07928	26.547	0
"2011-08-17	07:00:00"	5.048	6.1349	73.96	57.491	0.11871	26.556	0
"2011-08-17	08:00:00"	5.7495	19.442	75.252	56.128	49.056	26.574	0
"2011-08-17	09:00:00"	7.3595	64.735	78.949	49.788	157.85	26.589	0
"2011-08-17	10:00:00"	6.4237	108.39	80.183	44.312	189.13	26.598	0
"2011-08-17	11:00:00"	6.5903	149.12	81.584	42.09	376.84	26.604	0
"2011-08-17	12:00:00"	4.9784	153.88	86.032	35.382	871.41	26.607	0
"2011-08-17	13:00:00"	7.2539	138.55	88.904	30.371	679.45	26.589	0
"2011-08-17	14:00:00"	9.3491	148.22	91.751	26.335	986.64	26.571	0
"2011-08-17	15:00:00"	11.893	148.6	93.632	22.754	1070.3	26.55	0
"2011-08-17	16:00:00"	11.536	166.41	94.375	20.452	916.9	26.536	0
"2011-08-17	17:00:00"	10.64	161.37	93.872	21.072	456.69	26.512	0
"2011-08-17	18:00:00"	6.9482	135.84	94.339	20.282	425.02	26.494	0
"2011-08-17	19:00:00"	8.2984	131.54	93.712	21.207	128.11	26.483	0
"2011-08-17	20:00:00"	8.2377	145.86	93.081	21.9	56.097	26.483	0
"2011-08-17	21:00:00"	8.304	151.51	92.038	22.896	8.2555	26.491	0
"2011-08-17	22:00:00"	6.1174	134.57	89.24	25.229	0.08076	26.518	0
"2011-08-17	23:00:00"	6.804	115.85	87.359	27.751	0.08628	26.533	0
"2011-08-18	00:00:00"	5.8502	117.9	86.119	29.606	0.08691	26.536	0
"2011-08-18	01:00:00"	9.0463	121.47	83.834	34.436	0.08646	26.542	0
"2011-08-18	02:00:00"	7.6149	152.15	82.143	39.183	0.1062	26.533	0
"2011-08-18	03:00:00"	7.0488	160.65	80.574	38.918	0.08628	26.524	0
"2011-08-18	04:00:00"	4.961	173.67	78.581	41.268	0.09073	26.521	0
"2011-08-18	05:00:00"	3.937	201.98	77.411	43.527	0.09242	26.527	0
"2011-08-18	06:00:00"	1.7355	275.61	74.358	47.256	0.09645	26.518	0
"2011-08-18	07:00:00"	1.4596	274.73	74.179	49.297	0.1026	26.524	0
"2011-08-18	08:00:00"	2.0213	271.14	73.945	50.705	26.645	26.542	0
"2011-08-18	09:00:00"	3.0659	227.63	78.878	44.166	174.56	26.553	0
"2011-08-18	10:00:00"	9.7692	190.62	81.435	41.178	394.78	26.547	0
"2011-08-18	11:00:00"	10.997	190.01	84.807	36.374	605.01	26.547	0
"2011-08-18	12:00:00"	8.542	210.5	88.786	29.723	784.25	26.542	0
"2011-08-18	13:00:00"	7.4067	180.05	90.891	27.444	914.18	26.518	0
"2011-08-18	14:00:00"	8.3773	161.86	92.513	25.044	950.03	26.494	0
"2011-08-18	15:00:00"	8.9682	128.29	93.836	23.225	1004.9	26.474	0
"2011-08-18	16:00:00"	9.3199	154.89	95.1	21.69	851.11	26.447	0
"2011-08-18	17:00:00"	10.062	148.61	94.827	22.421	436.39	26.429	0
"2011-08-18	18:00:00"	9.7996	154.59	95.478	21.404	573.74	26.412	0
"2011-08-18	19:00:00"	9.7965	154.51	95.213	21.133	369.39	26.397	0
"2011-08-18	20:00:00"	11.523	164.15	94.071	21.837	130.61	26.388	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-18	21:00:00"	7.7149	145.34	91.829	22.843	12.885	26.403	0
"2011-08-18	22:00:00"	7.5273	145.91	89.045	24.893	0.09306	26.415	0
"2011-08-18	23:00:00"	6.4821	149.57	86.539	26.784	0.08034	26.423	0
"2011-08-19	00:00:00"	6.2386	151.47	84.997	28.168	0.08776	26.423	0
"2011-08-19	01:00:00"	8.0548	165.58	82.591	30.881	0.07525	26.426	0
"2011-08-19	02:00:00"	6.2538	187.23	80.388	34.684	0.09285	26.423	0
"2011-08-19	03:00:00"	3.8979	177.27	78.054	37.899	0.09793	26.415	0
"2011-08-19	04:00:00"	4.6677	180.26	76.712	40.286	0.06826	26.423	0
"2011-08-19	05:00:00"	3.7394	177.85	75.428	42.657	0.08649	26.418	0
"2011-08-19	06:00:00"	3.2162	178.2	74.765	44.242	0.09073	26.412	0
"2011-08-19	07:00:00"	5.314	191.99	75.628	43.745	0.10769	26.418	0
"2011-08-19	08:00:00"	5.181	195.67	75.018	44.864	25.708	26.426	0
"2011-08-19	09:00:00"	7.2663	203.85	76.546	42.677	186.72	26.432	0
"2011-08-19	10:00:00"	12.536	185.95	81.325	36.049	401.15	26.429	0
"2011-08-19	11:00:00"	9.2528	182.97	85.214	31.256	618.39	26.435	0
"2011-08-19	12:00:00"	8.8166	177.42	89.029	25.676	803.42	26.429	0
"2011-08-19	13:00:00"	12.672	147.95	91.12	22.24	882.9	26.409	0
"2011-08-19	14:00:00"	11.527	139.09	92.816	19.026	927.05	26.391	0
"2011-08-19	15:00:00"	11.748	147.89	94.028	16.4	959.28	26.379	0
"2011-08-19	16:00:00"	11.643	146.33	95.057	15.872	906.35	26.353	0
"2011-08-19	17:00:00"	12.877	146.46	95.719	16.223	769.51	26.335	0
"2011-08-19	18:00:00"	12.03	154.01	95.918	17.064	572.06	26.323	0
"2011-08-19	19:00:00"	11.834	156.93	95.628	18.189	368.58	26.317	0
"2011-08-19	20:00:00"	11.815	148.08	94.653	18.773	159.02	26.317	0
"2011-08-19	21:00:00"	9.0459	139.42	92.39	21.063	16.296	26.338	0
"2011-08-19	22:00:00"	8.5078	137.19	89.321	24.117	0.10578	26.356	0
"2011-08-19	23:00:00"	7.6522	134.66	86.507	26.14	0.09687	26.376	0
"2011-08-20	00:00:00"	8.5898	141.29	84.701	28.309	0.09518	26.379	0
"2011-08-20	01:00:00"	9.561	151.16	82.825	30.209	0.07356	26.385	0
"2011-08-20	02:00:00"	8.1176	153.96	80.828	32.344	0.0831	26.391	0
"2011-08-20	03:00:00"	7.5403	149.06	79.692	33.14	0.08776	26.388	0
"2011-08-20	04:00:00"	8.1108	140.38	78.897	33.9	0.06889	26.385	0
"2011-08-20	05:00:00"	7.2999	137.08	77.596	35.422	0.08564	26.376	0
"2011-08-20	06:00:00"	8.1704	123.51	76.331	36.916	0.11002	26.376	0
"2011-08-20	07:00:00"	9.0148	130.82	75.015	39.196	0.07949	26.391	0
"2011-08-20	08:00:00"	7.4415	135.3	74.058	41.444	26.241	26.406	0
"2011-08-20	09:00:00"	9.0093	143.14	77.159	38.682	181.53	26.418	0
"2011-08-20	10:00:00"	14.619	172.61	82.476	33.603	399.65	26.418	0
"2011-08-20	11:00:00"	13.795	185.23	85.549	31.438	613.9	26.432	0
"2011-08-20	12:00:00"	11.34	190.81	88.393	29.783	794.48	26.432	0
"2011-08-20	13:00:00"	10.182	195.31	91.072	26.669	923.94	26.429	0
"2011-08-20	14:00:00"	9.3373	181.09	93.353	23.961	986.59	26.409	0
"2011-08-20	15:00:00"	8.8402	182.83	94.888	22.107	981.9	26.397	0
"2011-08-20	16:00:00"	6.9724	182.33	96.95	19.68	791.41	26.367	0
"2011-08-20	17:00:00"	7.2613	168.22	98.281	18.047	784.15	26.347	0
"2011-08-20	18:00:00"	8.9732	145.12	98.218	18.287	468.17	26.344	0
"2011-08-20	19:00:00"	13.508	152.87	97.536	19.991	305.06	26.344	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-20	20:00:00"	14.398	157.08	95.765	21.79	80.67	26.35	0
"2011-08-20	21:00:00"	14.517	145.93	93.023	23.253	2.9792	26.376	0
"2011-08-20	22:00:00"	13.368	150	90.554	23.708	0.09963	26.403	0
"2011-08-20	23:00:00"	11.224	155.66	88.06	24.786	0.1026	26.426	0
"2011-08-21	00:00:00"	9.0559	173.74	85.559	26.589	0.10747	26.447	0
"2011-08-21	01:00:00"	9.9494	166.12	83.674	28.928	0.09475	26.447	0
"2011-08-21	02:00:00"	9.4753	164.59	82.043	33.126	0.10366	26.459	0
"2011-08-21	03:00:00"	7.9517	170.15	80.148	37.174	0.09136	26.459	0
"2011-08-21	04:00:00"	7.6118	174.73	78.919	40.959	0.0867	26.471	0
"2011-08-21	05:00:00"	9.3311	173.41	78.901	43.014	0.0761	26.477	0
"2011-08-21	06:00:00"	10.474	165.52	78.61	44.804	0.09285	26.491	0
"2011-08-21	07:00:00"	8.6855	162.66	77.131	48.051	0.08755	26.5	0
"2011-08-21	08:00:00"	6.0733	153.91	75.69	50.454	29.57	26.527	0
"2011-08-21	09:00:00"	5.7365	144.72	77.791	47.505	183.68	26.545	0
"2011-08-21	10:00:00"	9.7027	171.2	81.675	41.602	406.18	26.55	0
"2011-08-21	11:00:00"	7.1253	157.39	84.886	36.279	622.47	26.553	0
"2011-08-21	12:00:00"	9.5735	143.58	87.929	29.168	811.78	26.545	0
"2011-08-21	13:00:00"	10.94	134.21	90.209	25.593	941.03	26.533	0
"2011-08-21	14:00:00"	10.231	138.99	91.628	22.912	1004.4	26.515	0
"2011-08-21	15:00:00"	10.977	144.44	93.387	20.873	994.61	26.497	0
"2011-08-21	16:00:00"	10.131	147.47	94.621	18.889	914.11	26.48	0
"2011-08-21	17:00:00"	10.899	128.57	95.433	18.874	776.22	26.462	0
"2011-08-21	18:00:00"	10.49	119.92	95.653	18.841	553.95	26.447	0
"2011-08-21	19:00:00"	11.16	139.57	94.876	20.575	343.62	26.447	0
"2011-08-21	20:00:00"	13.512	122.75	93.716	22.618	160.02	26.45	0
"2011-08-21	21:00:00"	10.494	123.68	91.46	24.336	11.607	26.471	0
"2011-08-21	22:00:00"	8.3593	113.5	88.534	26.131	0.08034	26.497	0
"2011-08-21	23:00:00"	6.612	104.43	84.007	28.977	0.06762	26.512	0
"2011-08-22	00:00:00"	10.744	114.79	84.079	29.812	0.07462	26.521	0
"2011-08-22	01:00:00"	11.524	121.21	83.453	31.553	0.09183	26.53	0
"2011-08-22	02:00:00"	7.3999	150.58	80.804	34.927	0.09815	26.533	0
"2011-08-22	03:00:00"	6.95	166.07	78.728	38.913	0.0708	26.536	0
"2011-08-22	04:00:00"	6.2292	165.5	77.304	41.618	0.07928	26.53	0
"2011-08-22	05:00:00"	7.275	163.72	75.975	44.116	0.09539	26.524	0
"2011-08-22	06:00:00"	7.2303	165.34	74.671	46.818	0.11214	26.524	0
"2011-08-22	07:00:00"	5.6234	173.24	73.709	49.626	0.11722	26.539	0
"2011-08-22	08:00:00"	3.8134	195.24	73.577	50.723	27.806	26.55	0
"2011-08-22	09:00:00"	6.2982	189	75.988	49.468	186.46	26.562	0
"2011-08-22	10:00:00"	12.336	189.91	79.727	47.737	409.57	26.562	0
"2011-08-22	11:00:00"	11.871	188.42	83.146	42.948	626.41	26.562	0
"2011-08-22	12:00:00"	9.9662	175.47	85.899	35.832	811.02	26.55	0
"2011-08-22	13:00:00"	10.617	157.36	88.383	29.672	942.4	26.536	0
"2011-08-22	14:00:00"	10.029	150.49	90.438	25.309	1005	26.509	0
"2011-08-22	15:00:00"	10.238	144.27	91.91	22.79	997.8	26.497	0
"2011-08-22	16:00:00"	10.411	156.7	93.045	21.571	914.21	26.474	0
"2011-08-22	17:00:00"	10.363	148.68	93.509	21.671	769.81	26.459	0
"2011-08-22	18:00:00"	9.6427	151	93.906	20.99	563.66	26.447	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-22	19:00:00"	9.0969	152.33	93.744	21.322	335.01	26.435	0
"2011-08-22	20:00:00"	9.4007	165.04	92.91	22.479	151.49	26.438	0
"2011-08-22	21:00:00"	8.3108	152.98	90.877	25.706	14.21	26.453	0
"2011-08-22	22:00:00"	5.7048	141.39	87.902	28.252	0.08013	26.468	0
"2011-08-22	23:00:00"	5.2531	147.94	86.005	29.992	0.09815	26.477	0
"2011-08-23	00:00:00"	6.5809	150.32	84.458	31.431	0.09454	26.477	0
"2011-08-23	01:00:00"	9.0629	159.57	81.644	34.735	0.09005	26.474	0
"2011-08-23	02:00:00"	8.5277	174.6	80.738	36.48	0.08076	26.474	0
"2011-08-23	03:00:00"	5.0157	206.78	78.697	39.718	0.0973	26.465	0
"2011-08-23	04:00:00"	3.722	184.2	77.215	41.976	0.0744	26.456	0
"2011-08-23	05:00:00"	4.5161	181.12	75.588	45.751	0.0884	26.459	0
"2011-08-23	06:00:00"	3.9383	184.01	74.56	49.212	0.12104	26.462	0
"2011-08-23	07:00:00"	5.4824	173.55	73.649	52.697	0.092	26.471	0
"2011-08-23	08:00:00"	6.6139	171.76	74.145	54.685	27.067	26.485	0
"2011-08-23	09:00:00"	8.1766	181.62	76.488	52.709	185.39	26.488	0
"2011-08-23	10:00:00"	14.851	183.39	81.595	46.774	407.18	26.5	0
"2011-08-23	11:00:00"	13.332	184.76	84.708	41.584	622.21	26.497	0
"2011-08-23	12:00:00"	12.258	166.54	87.932	34.105	807.21	26.488	0
"2011-08-23	13:00:00"	14.274	165.31	90.541	26.017	938.23	26.471	0
"2011-08-23	14:00:00"	11.894	153.26	91.907	23.664	1002	26.447	0
"2011-08-23	15:00:00"	9.2404	148.13	93.31	21.338	994.03	26.432	0
"2011-08-23	16:00:00"	9.7611	149.47	94.718	19.619	913.9	26.409	0
"2011-08-23	17:00:00"	10.026	133.61	95.452	19.019	767.75	26.397	0
"2011-08-23	18:00:00"	9.2957	130.59	96.109	17.811	580.22	26.388	0
"2011-08-23	19:00:00"	10.072	147.14	95.758	18.902	361.1	26.385	0
"2011-08-23	20:00:00"	8.3904	147.43	94.731	19.946	147.63	26.385	0
"2011-08-23	21:00:00"	6.8264	140.04	92.499	21.931	11.126	26.4	0
"2011-08-23	22:00:00"	8.5364	132.98	89.675	24.204	0.08712	26.418	0
"2011-08-23	23:00:00"	8.1319	137.32	86.928	26.346	0.07568	26.426	0
"2011-08-24	00:00:00"	7.9076	141.05	85.209	27.459	0.08734	26.435	0
"2011-08-24	01:00:00"	7.5304	138.37	83.561	28.819	0.07631	26.441	0
"2011-08-24	02:00:00"	7.9989	146.42	82.044	31.045	0.07674	26.45	0
"2011-08-24	03:00:00"	5.6868	175.54	79.249	35.019	0.09306	26.441	0
"2011-08-24	04:00:00"	3.3759	177.51	76.706	38.785	0.0956	26.438	0
"2011-08-24	05:00:00"	2.908	168.65	75.639	41.071	0.09136	26.435	0
"2011-08-24	06:00:00"	3.2554	181.55	75.19	42.568	0.12761	26.441	0
"2011-08-24	07:00:00"	3.86	196.98	75.183	44.041	0.08416	26.45	0
"2011-08-24	08:00:00"	5.6688	198.1	75.732	45.009	26.295	26.462	0
"2011-08-24	09:00:00"	6.4101	189.66	77.461	44.261	182.56	26.48	0
"2011-08-24	10:00:00"	9.5871	186.83	82.182	39.629	404.52	26.485	0
"2011-08-24	11:00:00"	9.1776	185.64	86.318	33.501	618.58	26.497	0
"2011-08-24	12:00:00"	8.1487	167.84	89.699	27.954	796.4	26.494	0
"2011-08-24	13:00:00"	9.7033	148.96	91.852	25.358	923.14	26.485	0
"2011-08-24	14:00:00"	9.0652	148.45	93.434	23.219	984.91	26.465	0
"2011-08-24	15:00:00"	9.6816	134.74	95.125	21.514	968.9	26.444	0
"2011-08-24	16:00:00"	9.7798	133.27	96.152	20.114	896.57	26.423	0
"2011-08-24	17:00:00"	9.5306	137.29	96.897	19.619	712.2	26.403	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-24	18:00:00"	8.6414	128.39	97.011	19.667	517.2	26.394	0
"2011-08-24	19:00:00"	10.593	124.55	96.93	19.747	341.57	26.394	0
"2011-08-24	20:00:00"	10.012	122.28	95.576	21.097	117.05	26.397	0
"2011-08-24	21:00:00"	7.9579	128.77	93.258	24.161	8.5307	26.418	0
"2011-08-24	22:00:00"	6.2591	114.63	90.192	26.938	0.08691	26.441	0
"2011-08-24	23:00:00"	7.4981	115.71	87.652	29.736	0.0973	26.453	0
"2011-08-25	00:00:00"	9.4479	127.47	86.762	31.635	0.08734	26.459	0
"2011-08-25	01:00:00"	8.478	138.97	85.244	34.598	0.09069	26.468	0
"2011-08-25	02:00:00"	7.9349	139.7	84.205	36.126	0.08606	26.474	0
"2011-08-25	03:00:00"	7.2794	149.57	82.544	37.989	0.08055	26.48	0
"2011-08-25	04:00:00"	3.727	179.8	80.37	40.299	0.09497	26.483	0
"2011-08-25	05:00:00"	4.0731	211.6	80.151	39.56	0.08182	26.471	0
"2011-08-25	06:00:00"	2.3289	215.27	79.155	40.865	0.11807	26.474	0
"2011-08-25	07:00:00"	3.2398	219.34	78.881	41.426	0.09052	26.485	0
"2011-08-25	08:00:00"	2.6222	337.45	74.52	46.923	18.62	26.518	0
"2011-08-25	09:00:00"	5.2257	29.582	75.747	46.798	159.22	26.536	0
"2011-08-25	10:00:00"	2.8757	94.533	83.408	37.426	382.24	26.542	0
"2011-08-25	11:00:00"	2.9248	254.84	87.061	33.112	593.44	26.547	0
"2011-08-25	12:00:00"	3.4896	115.05	89.585	29.262	766.98	26.55	0
"2011-08-25	13:00:00"	6.6362	80.214	92.519	26.27	885.49	26.545	0
"2011-08-25	14:00:00"	8.0803	90.037	94.121	23.616	835.73	26.518	0
"2011-08-25	15:00:00"	8.4444	124.51	95.745	21.422	922.02	26.5	0
"2011-08-25	16:00:00"	8.1903	140.27	97.228	18.585	805.28	26.477	0
"2011-08-25	17:00:00"	8.9372	137.67	97.6	18.106	579.63	26.444	0
"2011-08-25	18:00:00"	7.1719	129.38	98.055	17.131	492.64	26.429	0
"2011-08-25	19:00:00"	7.0389	124.24	97.918	17.054	324.65	26.432	0
"2011-08-25	20:00:00"	8.9117	102.81	97.323	17.451	144.78	26.447	0
"2011-08-25	21:00:00"	16.331	107.56	86.969	34.651	7.6603	26.483	0
"2011-08-25	22:00:00"	11.515	137.9	84.727	37.555	0.07674	26.491	0
"2011-08-25	23:00:00"	5.1126	161.26	85.274	33.096	0.11108	26.497	0
"2011-08-26	00:00:00"	2.519	126.81	83.904	33.448	0.10663	26.506	0
"2011-08-26	01:00:00"	3.6456	185.06	82.672	35.83	0.09242	26.515	0
"2011-08-26	02:00:00"	1.4733	271.6	79.761	40.015	0.07758	26.506	0
"2011-08-26	03:00:00"	1.1576	19.467	75.801	45.395	0.10917	26.503	0
"2011-08-26	04:00:00"	1.8455	1.0303	72.996	49.141	0.09751	26.494	0
"2011-08-26	05:00:00"	2.4401	16.958	72.893	49.863	0.08416	26.491	0
"2011-08-26	06:00:00"	2.7017	24.555	71.989	52.463	0.09878	26.5	0
"2011-08-26	07:00:00"	3.8749	8.2033	72.446	53.207	0.10175	26.512	0
"2011-08-26	08:00:00"	4.3639	23.219	71.836	54.599	20.269	26.533	0
"2011-08-26	09:00:00"	5.071	52.079	76.51	47.084	163.02	26.553	0
"2011-08-26	10:00:00"	4.6733	64.496	83.619	36.397	378.89	26.562	0
"2011-08-26	11:00:00"	3.7009	83.699	87.314	32.015	594	26.568	0
"2011-08-26	12:00:00"	4.239	113.09	90.419	27.868	774.11	26.565	0
"2011-08-26	13:00:00"	4.536	84.176	92.647	25.025	736.97	26.55	0
"2011-08-26	14:00:00"	7.4875	90.5	94.724	22.26	917.19	26.53	0
"2011-08-26	15:00:00"	7.0153	132.39	95.14	21.598	686.46	26.512	0
"2011-08-26	16:00:00"	8.1965	103.74	96.915	18.177	986.46	26.485	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-26	17:00:00"	7.5204	107.35	97.82	16.485	792.6	26.462	0
"2011-08-26	18:00:00"	7.7895	98.003	97.862	16.031	438.48	26.459	0
"2011-08-26	19:00:00"	8.3922	139.87	97.299	18.104	362.72	26.45	0
"2011-08-26	20:00:00"	9.6399	128.9	96.175	19.414	126.74	26.447	0
"2011-08-26	21:00:00"	8.4879	132.26	92.94	21.175	7.2431	26.468	0
"2011-08-26	22:00:00"	7.152	131.94	90.192	21.771	0.08797	26.488	0
"2011-08-26	23:00:00"	7.7988	129.64	87.664	24.198	0.08373	26.5	0
"2011-08-27	00:00:00"	5.9708	136.48	85.969	27.003	0.0725	26.503	0
"2011-08-27	01:00:00"	4.9367	150.34	83.744	29.25	0.07758	26.512	0
"2011-08-27	02:00:00"	6.8108	158.28	81.833	30.006	0.10451	26.515	0
"2011-08-27	03:00:00"	6.113	168.98	78.728	33.644	0.12125	26.512	0
"2011-08-27	04:00:00"	3.4188	179.22	76.666	37.158	0.0744	26.512	0
"2011-08-27	05:00:00"	3.1982	183.6	75.469	40.201	0.08331	26.512	0
"2011-08-27	06:00:00"	4.3129	190.85	75.21	42.077	0.10451	26.518	0
"2011-08-27	07:00:00"	3.512	213.64	74.513	43.818	0.09115	26.53	0
"2011-08-27	08:00:00"	2.0045	241.66	73.622	45.377	21.006	26.547	0
"2011-08-27	09:00:00"	1.8293	314.12	76.237	40.684	167.68	26.562	0
"2011-08-27	10:00:00"	2.7912	269.7	85.226	29.465	386.77	26.568	0
"2011-08-27	11:00:00"	4.8162	220.12	89.039	25.704	606.04	26.571	0
"2011-08-27	12:00:00"	4.7119	140.67	91.221	23.354	794.03	26.562	0
"2011-08-27	13:00:00"	7.7267	106.69	93.278	20.882	927.06	26.55	0
"2011-08-27	14:00:00"	7.6745	131.85	94.286	18.986	906.38	26.527	0
"2011-08-27	15:00:00"	7.1619	130.65	95.887	17.016	980.78	26.506	0
"2011-08-27	16:00:00"	7.677	127.03	96.855	15.857	914.54	26.48	0
"2011-08-27	17:00:00"	9.6673	127.14	97.661	14.932	682.75	26.459	0
"2011-08-27	18:00:00"	6.9941	152.8	97.845	14.322	563.58	26.444	0
"2011-08-27	19:00:00"	8.2822	135.38	97.465	14.812	324.05	26.441	0
"2011-08-27	20:00:00"	10.324	139.69	96.103	14.926	128.67	26.441	0
"2011-08-27	21:00:00"	6.9258	135.88	92.811	16.25	8.349	26.453	0
"2011-08-27	22:00:00"	7.3862	129.51	89.969	18.723	0.09073	26.462	0
"2011-08-27	23:00:00"	7.0171	136.56	87.898	21.076	0.10832	26.474	0
"2011-08-28	00:00:00"	8.1605	147.19	85.715	22.597	0.08394	26.474	0
"2011-08-28	01:00:00"	8.1139	157.18	83.416	22.973	0.09094	26.474	0
"2011-08-28	02:00:00"	8.6948	156.32	80.673	26.147	0.08924	26.471	0
"2011-08-28	03:00:00"	8.4972	185.8	80.588	30.524	0.11044	26.477	0
"2011-08-28	04:00:00"	4.8566	195.23	79.126	33.227	0.07356	26.471	0
"2011-08-28	05:00:00"	2.327	218.32	76.437	35.517	0.12931	26.471	0
"2011-08-28	06:00:00"	0.68662	298.99	72.79	39.568	0.11998	26.471	0
"2011-08-28	07:00:00"	2.7179	198.58	75.485	37.106	0.08712	26.477	0
"2011-08-28	08:00:00"	1.2595	267.75	72.328	40.613	19.723	26.485	0
"2011-08-28	09:00:00"	2.1649	284.14	76.904	34.608	165.96	26.494	0
"2011-08-28	10:00:00"	5.5314	242.41	85.388	25.832	387.95	26.497	0
"2011-08-28	11:00:00"	9.2969	222.95	90.518	21.43	606.78	26.491	0
"2011-08-28	12:00:00"	8.4556	212.15	93.093	19.344	796.08	26.485	0
"2011-08-28	13:00:00"	9.1764	202.97	94.317	16.743	926.19	26.468	0
"2011-08-28	14:00:00"	9.7704	192.45	95.757	13.91	994.33	26.447	0
"2011-08-28	15:00:00"	10.364	186.62	96.696	12.781	980.35	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-28	16:00:00"	11.489	190.21	97.352	11.981	894.56	26.409	0
"2011-08-28	17:00:00"	11.049	188	97.875	11.617	748.44	26.394	0
"2011-08-28	18:00:00"	11.554	178.96	97.831	10.64	557.1	26.382	0
"2011-08-28	19:00:00"	8.6849	182.4	97.535	10.895	336.36	26.373	0
"2011-08-28	20:00:00"	9.2106	188.63	96.456	12.538	124.86	26.364	0
"2011-08-28	21:00:00"	4.257	177.32	92.614	14.398	7.198	26.379	0
"2011-08-28	22:00:00"	4.1358	176.33	88.388	15.862	0.09158	26.391	0
"2011-08-28	23:00:00"	5.7626	177.08	86.025	18.161	0.10154	26.391	0
"2011-08-29	00:00:00"	4.8162	175.08	82.652	20.618	0.08988	26.391	0
"2011-08-29	01:00:00"	3.0255	174.28	81.326	21.926	0.07525	26.397	0
"2011-08-29	02:00:00"	2.3357	191.82	81.279	21.933	0.09136	26.397	0
"2011-08-29	03:00:00"	3.3511	185.97	80.882	22.218	0.09539	26.4	0
"2011-08-29	04:00:00"	1.6044	290.3	79.201	23.593	0.10302	26.406	0
"2011-08-29	05:00:00"	1.28	336.97	76.345	26.583	0.07652	26.406	0
"2011-08-29	06:00:00"	0.85749	351.41	76.681	27.511	0.09624	26.412	0
"2011-08-29	07:00:00"	4.4882	335.28	75.698	29.141	0.08013	26.423	0
"2011-08-29	08:00:00"	1.7871	30.955	74.153	30.667	6.1048	26.426	0
"2011-08-29	09:00:00"	4.18	130.14	77.7	28.403	92.778	26.435	0
"2011-08-29	10:00:00"	4.994	140.42	84.424	23.339	327.72	26.438	0
"2011-08-29	11:00:00"	7.59	196.09	91.383	18.591	538.14	26.444	0
"2011-08-29	12:00:00"	7.0569	221.08	92.5	17.743	390.39	26.441	0
"2011-08-29	13:00:00"	7.1675	253.39	94.181	16.15	250.32	26.435	0
"2011-08-29	14:00:00"	6.0086	275.84	91.678	16.673	210.9	26.409	0.11
"2011-08-29	15:00:00"	7.2694	276.3	96.582	14.604	770.92	26.394	0
"2011-08-29	16:00:00"	6.6599	242.02	98.805	13.083	426.6	26.367	0
"2011-08-29	17:00:00"	6.9395	212.19	97.873	13.312	349.12	26.347	0
"2011-08-29	18:00:00"	7.0196	210.53	98.711	12.62	471.84	26.332	0
"2011-08-29	19:00:00"	6.6369	182.06	99.607	12.125	359.82	26.314	0
"2011-08-29	20:00:00"	8.9285	186.65	97.772	12.738	81.037	26.308	0
"2011-08-29	21:00:00"	6.3504	160.48	94.538	14.566	3.9458	26.32	0
"2011-08-29	22:00:00"	7.9306	169.75	91.95	17.087	0.08691	26.347	0
"2011-08-29	23:00:00"	6.991	177.86	90.177	19.497	0.08288	26.347	0
"2011-08-30	00:00:00"	9.6294	174.33	88.758	20.781	0.07313	26.35	0
"2011-08-30	01:00:00"	15.139	179.24	89.488	21.265	0.05745	26.341	0
"2011-08-30	02:00:00"	17.119	181.67	87.589	25.48	0.05702	26.353	0
"2011-08-30	03:00:00"	11.888	187.83	85.062	29.73	0.08522	26.353	0
"2011-08-30	04:00:00"	11.361	186.39	83.237	31.387	0.08098	26.35	0
"2011-08-30	05:00:00"	12.37	180.99	82.08	31.685	0.07822	26.338	0
"2011-08-30	06:00:00"	14.219	177.09	80.766	32.054	0.07652	26.338	0
"2011-08-30	07:00:00"	13.078	183.05	80.051	31.926	0.04833	26.347	0
"2011-08-30	08:00:00"	11.131	183.69	78.332	33.795	9.1425	26.353	0
"2011-08-30	09:00:00"	11.359	191.06	79.866	31.786	127.47	26.37	0
"2011-08-30	10:00:00"	13.54	194.62	84.589	27.464	356.22	26.373	0
"2011-08-30	11:00:00"	11.484	211.74	89.675	22.939	504.88	26.4	0
"2011-08-30	12:00:00"	12.359	216.33	93.247	19.883	783.38	26.388	0
"2011-08-30	13:00:00"	11.599	220.1	97.485	16.547	893.34	26.379	0
"2011-08-30	14:00:00"	9.008	221.18	99.345	14.335	729.56	26.358	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-08-30"	15:00:00"	7.9535	237.32	101.44	12.674	832.37	26.338	0
"2011-08-30"	16:00:00"	7.111	194.82	101.37	12.121	739.79	26.311	0
"2011-08-30"	17:00:00"	8.7769	197.63	102.32	11.773	551	26.291	0
"2011-08-30"	18:00:00"	7.5372	185.96	101.82	11.932	331.79	26.288	0
"2011-08-30"	19:00:00"	8.8396	151.18	98.526	15.028	213.13	26.282	0
"2011-08-30"	20:00:00"	8.2456	203.94	97.717	14.75	37.036	26.302	0
"2011-08-30"	21:00:00"	4.9331	87.028	93.035	19.13	0.56196	26.353	0
"2011-08-30"	22:00:00"	7.5832	176.99	92.089	20.081	0.09815	26.37	0
"2011-08-30"	23:00:00"	13.801	174.1	89.333	23.186	0.09179	26.367	0
"2011-08-31"	00:00:00"	13.333	157.73	88.302	21.668	0.08331	26.373	0
"2011-08-31"	01:00:00"	14.776	158.65	86.939	22.542	0.08561	26.373	0
"2011-08-31"	02:00:00"	15.88	173.48	84.785	24.519	0.07123	26.376	0
"2011-08-31"	03:00:00"	14.923	169.31	83.893	25.71	0.08182	26.379	0
"2011-08-31"	04:00:00"	12.677	177.09	82.984	26.727	0.07822	26.394	0
"2011-08-31"	05:00:00"	10.655	184.67	81.522	28.153	0.08585	26.391	0
"2011-08-31"	06:00:00"	12.673	179.09	81.346	28.596	0.09581	26.394	0
"2011-08-31"	07:00:00"	13.841	167.09	80.709	30.412	0.1115	26.397	0
"2011-08-31"	08:00:00"	12.514	178.33	79.772	32.896	6.4512	26.418	0
"2011-08-31"	09:00:00"	5.8912	200.14	78.958	34.053	48.015	26.429	0
"2011-08-31"	10:00:00"	14.191	184.46	82.013	30.863	353.82	26.429	0
"2011-08-31"	11:00:00"	13.704	180.14	84.593	28.264	433.67	26.441	0
"2011-08-31"	12:00:00"	14.514	177.77	89.291	23.127	903.68	26.444	0
"2011-08-31"	13:00:00"	15.248	177.59	92.576	19.572	1068.8	26.432	0
"2011-08-31"	14:00:00"	13.594	180.8	94.031	18.124	782.49	26.423	0
"2011-08-31"	15:00:00"	12.934	160.6	95.521	17.048	875.03	26.412	0
"2011-08-31"	16:00:00"	12.811	163.42	96.623	18.026	872.76	26.388	0
"2011-08-31"	17:00:00"	14.48	148.27	98.004	16.058	710.98	26.379	0
"2011-08-31"	18:00:00"	16.069	151.21	97.355	15.911	522.8	26.382	0
"2011-08-31"	19:00:00"	16.796	155.29	95.816	16.896	307.51	26.388	0
"2011-08-31"	20:00:00"	17.308	163.49	93.442	17.239	105.08	26.394	0
"2011-08-31"	21:00:00"	12.726	165.65	90.193	17.863	2.6718	26.415	0
"2011-08-31"	22:00:00"	10.521	162.97	87.016	19.758	0.09285	26.441	0
"2011-08-31"	23:00:00"	9.9947	165.33	84.639	22.458	0.08967	26.462	0
"2011-09-01"	00:00:00"	8.7004	171.89	81.972	25.926	0.1079	26.462	0
"2011-09-01"	01:00:00"	9.3274	168.3	80.235	29.496	0.09412	26.468	0
"2011-09-01"	02:00:00"	7.2564	171.31	77.983	33.13	0.10641	26.468	0
"2011-09-01"	03:00:00"	8.1089	178.35	76.63	35.966	0.09115	26.474	0
"2011-09-01"	04:00:00"	4.3707	163.52	74.628	38.894	0.09624	26.471	0
"2011-09-01"	05:00:00"	4.8647	166.59	74.078	40.898	0.06699	26.48	0
"2011-09-01"	06:00:00"	5.0039	169.18	73.281	42.828	0.11256	26.485	0
"2011-09-01"	07:00:00"	8.1555	163.58	72.854	46.456	0.085	26.491	0
"2011-09-01"	08:00:00"	11.399	163.91	72.933	56.712	16.811	26.503	0
"2011-09-01"	09:00:00"	15.049	166.95	74.615	58.764	157.08	26.515	0
"2011-09-01"	10:00:00"	19.788	167.27	78.464	42.859	374.51	26.518	0
"2011-09-01"	11:00:00"	17.805	168.66	81.762	36.004	588.71	26.533	0
"2011-09-01"	12:00:00"	15.45	166.57	84.234	32.258	771.24	26.527	0
"2011-09-01"	13:00:00"	12.724	159.29	85.967	29.613	898.59	26.509	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-01	14:00:00"	12.972	146.88	87.903	26.667	961.76	26.483	0
"2011-09-01	15:00:00"	12.374	143.04	89.125	24.102	949.95	26.465	0
"2011-09-01	16:00:00"	11.764	136.1	90.199	22.521	869.09	26.438	0
"2011-09-01	17:00:00"	11.322	136.22	90.887	21.706	725.45	26.418	0
"2011-09-01	18:00:00"	11.405	131.72	90.989	20.641	535.67	26.412	0
"2011-09-01	19:00:00"	11.676	131.81	90.6	21.551	315.9	26.406	0
"2011-09-01	20:00:00"	11.705	131.75	89.283	22.448	110.21	26.409	0
"2011-09-01	21:00:00"	8.9278	125.78	86.623	23.605	4.4338	26.423	0
"2011-09-01	22:00:00"	8.158	129.21	84.002	25.417	0.10133	26.441	0
"2011-09-01	23:00:00"	6.6996	114.22	81.049	27.372	0.10323	26.453	0
"2011-09-02	00:00:00"	6.804	106.38	77.364	32.253	0.10048	26.453	0
"2011-09-02	01:00:00"	7.3224	104.4	77.558	33.252	0.07061	26.459	0
"2011-09-02	02:00:00"	8.5936	129.63	77.346	32.572	0.07674	26.459	0
"2011-09-02	03:00:00"	6.0018	112.66	76.449	31.998	0.08903	26.456	0
"2011-09-02	04:00:00"	2.6881	134.38	74.428	33.537	0.09348	26.453	0
"2011-09-02	05:00:00"	4.9461	144.14	73.633	35.37	0.10048	26.45	0
"2011-09-02	06:00:00"	1.4391	176.13	71.104	40.103	0.08755	26.45	0
"2011-09-02	07:00:00"	1.226	72.351	70.431	44.787	0.0884	26.453	0
"2011-09-02	08:00:00"	0.91777	22.409	69.329	48.662	17.576	26.465	0
"2011-09-02	09:00:00"	4.9287	175.44	73.976	48.693	162.47	26.465	0
"2011-09-02	10:00:00"	12.869	172.95	78.621	49.093	391.44	26.468	0
"2011-09-02	11:00:00"	13.046	172.29	82.557	42.054	592.55	26.471	0
"2011-09-02	12:00:00"	10.573	161.79	84.342	36.042	689.53	26.465	0
"2011-09-02	13:00:00"	10.853	166.59	85.882	34.331	792.71	26.447	0
"2011-09-02	14:00:00"	11.29	147.88	87.927	30.191	908.18	26.42	0
"2011-09-02	15:00:00"	11.006	160.87	89.77	27.132	966.18	26.397	0
"2011-09-02	16:00:00"	10.106	153.24	91.272	25.145	861.32	26.376	0
"2011-09-02	17:00:00"	8.716	144.43	92.466	24.103	770.52	26.364	0
"2011-09-02	18:00:00"	10.084	140.5	92.881	23.239	576.95	26.353	0
"2011-09-02	19:00:00"	10.084	148.54	92.504	22.551	302.5	26.35	0
"2011-09-02	20:00:00"	9.3908	139.81	91.431	23.391	86.945	26.344	0
"2011-09-02	21:00:00"	7.1576	131.55	88.663	25.319	3.8932	26.356	0
"2011-09-02	22:00:00"	8.4115	122.4	86.389	26.536	0.09306	26.376	0
"2011-09-02	23:00:00"	6.2218	106.02	82.346	29.434	0.08691	26.385	0
"2011-09-03	00:00:00"	7.0159	125.6	81.019	31.174	0.10366	26.391	0
"2011-09-03	01:00:00"	10.008	184.4	80.494	34.045	0.08267	26.391	0
"2011-09-03	02:00:00"	6.2541	150.37	78.912	37.004	0.08013	26.388	0
"2011-09-03	03:00:00"	3.6729	190.2	76.762	39.578	0.10387	26.382	0
"2011-09-03	04:00:00"	1.6758	182.82	75.317	40.566	0.09899	26.373	0
"2011-09-03	05:00:00"	1.6827	183.61	73.561	42.188	0.0778	26.37	0
"2011-09-03	06:00:00"	1.4118	349.69	67.201	50.579	0.10493	26.373	0
"2011-09-03	07:00:00"	1.0265	352.87	65.562	53.53	0.08755	26.379	0
"2011-09-03	08:00:00"	0.81462	108.02	67.82	50.342	17.66	26.382	0
"2011-09-03	09:00:00"	1.2036	106.9	75.318	41.473	163.95	26.397	0
"2011-09-03	10:00:00"	3.5176	157.26	82.267	34.294	385.52	26.406	0
"2011-09-03	11:00:00"	5.4848	183.77	85.001	32.573	601.29	26.409	0
"2011-09-03	12:00:00"	5.9428	157.42	87.98	29.355	764.58	26.412	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-03	13:00:00"	6.2634	124.82	89.983	24.228	912.03	26.406	0
"2011-09-03	14:00:00"	6.0478	93.326	91.449	22.366	973.32	26.388	0
"2011-09-03	15:00:00"	6.1746	87.629	92.696	20.957	890.28	26.373	0
"2011-09-03	16:00:00"	7.4235	87.922	93.633	19.774	676.85	26.347	0
"2011-09-03	17:00:00"	8.3003	83.441	94.644	18.1	700.14	26.329	0
"2011-09-03	18:00:00"	8.4451	73.654	94.68	18.131	485.06	26.323	0
"2011-09-03	19:00:00"	8.7098	81.449	94.63	18.343	298.42	26.323	0
"2011-09-03	20:00:00"	7.9635	81.753	93.456	19.377	103.55	26.332	0
"2011-09-03	21:00:00"	5.4861	81.291	90.255	21.711	3.168	26.35	0
"2011-09-03	22:00:00"	5.0225	88.41	86.545	25.239	0.07419	26.379	0
"2011-09-03	23:00:00"	9.7151	47.226	84.129	32.448	0.10557	26.403	0
"2011-09-04	00:00:00"	11.441	54.168	81.545	40.223	0.07652	26.42	0
"2011-09-04	01:00:00"	8.5338	55.745	80.298	41.219	0.1002	26.432	0
"2011-09-04	02:00:00"	13.528	15.418	78.337	46.044	0.10005	26.45	0
"2011-09-04	03:00:00"	17.729	21.659	75.112	58.904	0.07652	26.453	0
"2011-09-04	04:00:00"	17.384	21.838	73.201	65.331	0.07949	26.456	0
"2011-09-04	05:00:00"	16.525	30.396	71.476	68.013	0.09475	26.456	0
"2011-09-04	06:00:00"	18.272	11.713	69.987	68.311	0.08458	26.488	0
"2011-09-04	07:00:00"	18.259	6.6654	68.853	71.913	0.07546	26.512	0
"2011-09-04	08:00:00"	16.758	14.081	68.573	71.887	3.2007	26.524	0
"2011-09-04	09:00:00"	15.637	26.784	67.695	74.388	52.869	26.542	0
"2011-09-04	10:00:00"	16.936	19.16	66.362	78.149	107.4	26.545	0
"2011-09-04	11:00:00"	16.939	16.091	67.772	74.537	193	26.568	0
"2011-09-04	12:00:00"	17.114	13.196	66.34	78.269	124.37	26.595	0
"2011-09-04	13:00:00"	13.889	24.741	63.561	88.4	106.21	26.598	0.04
"2011-09-04	14:00:00"	15.337	19.097	63.1	83.977	252.58	26.604	0
"2011-09-04	15:00:00"	14.784	20.538	65.413	76.522	524.43	26.589	0
"2011-09-04	16:00:00"	15.028	19.545	67.955	69.158	515.41	26.574	0
"2011-09-04	17:00:00"	13.032	26.071	69.428	64.86	550.37	26.562	0
"2011-09-04	18:00:00"	12.386	18.334	69.868	62.552	500.41	26.556	0
"2011-09-04	19:00:00"	12.196	26.531	68.05	65.448	289.77	26.556	0
"2011-09-04	20:00:00"	10.734	23.665	66.174	69.581	82.268	26.571	0
"2011-09-04	21:00:00"	9.8425	20.033	63.977	73.526	2.1088	26.577	0
"2011-09-04	22:00:00"	9.6281	19.339	64.533	71.284	0.0956	26.601	0
"2011-09-04	23:00:00"	7.4397	24.001	65.155	65.256	0.10048	26.604	0
"2011-09-05	00:00:00"	4.4906	9.1543	64.378	62.886	0.09857	26.609	0
"2011-09-05	01:00:00"	5.8893	15.472	65.619	57.531	0.11256	26.615	0
"2011-09-05	02:00:00"	6.8606	20.007	66.212	52.67	0.11744	26.621	0
"2011-09-05	03:00:00"	4.4384	31.02	65.394	53.393	0.09369	26.609	0
"2011-09-05	04:00:00"	4.7311	24.751	64.083	54.997	0.08437	26.607	0
"2011-09-05	05:00:00"	6.735	42.008	64.826	48.462	0.09921	26.615	0
"2011-09-05	06:00:00"	4.5	40.243	60.75	52.157	0.10663	26.621	0
"2011-09-05	07:00:00"	5.0387	24.241	56.293	68.273	0.11468	26.633	0
"2011-09-05	08:00:00"	5.9186	17.282	55.372	71.386	15.502	26.645	0
"2011-09-05	09:00:00"	7.5006	31.313	57.917	59.227	160.74	26.654	0
"2011-09-05	10:00:00"	11.255	60.64	62.674	42.204	386.48	26.66	0
"2011-09-05	11:00:00"	11.055	68.929	65.807	34.78	608.09	26.669	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-05	12:00:00"	9.8972	65.335	68.412	30.846	792.04	26.666	0
"2011-09-05	13:00:00"	8.4966	50.166	71.168	27.609	920.78	26.648	0
"2011-09-05	14:00:00"	8.2791	41.532	73.869	24.917	982.71	26.621	0
"2011-09-05	15:00:00"	8.8508	42.244	75.951	23.246	969.58	26.595	0
"2011-09-05	16:00:00"	8.0126	53.773	77.256	22.355	884.37	26.571	0
"2011-09-05	17:00:00"	7.5391	64.095	78.41	21.491	736.98	26.55	0
"2011-09-05	18:00:00"	6.832	57.049	78.728	21.124	541.69	26.545	0
"2011-09-05	19:00:00"	6.6269	58.809	79.101	21.094	316.92	26.545	0
"2011-09-05	20:00:00"	6.3523	56.466	77.663	22.561	105.68	26.545	0
"2011-09-05	21:00:00"	3.8755	51.865	72.614	26.529	2.8159	26.553	0
"2011-09-05	22:00:00"	2.7178	42.437	67.187	31.854	0.1062	26.565	0
"2011-09-05	23:00:00"	3.3386	49.367	64.846	34.685	0.12676	26.577	0
"2011-09-06	00:00:00"	4.4447	51.258	63.021	37.772	0.1115	26.574	0
"2011-09-06	01:00:00"	6.0205	74.981	65.037	35.088	0.12324	26.571	0
"2011-09-06	02:00:00"	3.9209	95.184	61.913	38.184	0.13334	26.562	0
"2011-09-06	03:00:00"	3.6947	93.229	60.458	37.68	0.10027	26.559	0
"2011-09-06	04:00:00"	3.5449	98.571	59.361	36.681	0.11956	26.559	0
"2011-09-06	05:00:00"	3.9631	95.523	58.06	36.443	0.1274	26.556	0
"2011-09-06	06:00:00"	5.565	122.35	59.103	31.58	0.10493	26.559	0
"2011-09-06	07:00:00"	5.0219	156.68	58.438	30.588	0.10959	26.574	0
"2011-09-06	08:00:00"	2.4724	170.28	56.358	33.277	17.655	26.586	0
"2011-09-06	09:00:00"	4.8411	174.77	59.417	29.996	168.29	26.601	0
"2011-09-06	10:00:00"	9.8251	179.33	66.153	22.952	398.84	26.601	0
"2011-09-06	11:00:00"	11.383	181.16	70.748	19.467	623.33	26.604	0
"2011-09-06	12:00:00"	10.803	183.72	74.158	18.559	808.14	26.601	0
"2011-09-06	13:00:00"	7.6304	177.04	76.967	17.924	936.79	26.586	0
"2011-09-06	14:00:00"	6.4504	166.54	79.679	16.763	997.41	26.568	0
"2011-09-06	15:00:00"	8.6197	153.19	81.908	15.649	981.17	26.553	0
"2011-09-06	16:00:00"	6.9618	153.21	83.702	14.176	892.23	26.536	0
"2011-09-06	17:00:00"	6.5151	151.69	84.613	13.298	740.9	26.518	0
"2011-09-06	18:00:00"	7.0035	148.42	85.398	13.079	541.44	26.506	0
"2011-09-06	19:00:00"	8.1313	142.83	85.227	13.012	313.62	26.5	0
"2011-09-06	20:00:00"	8.5538	143.73	83.831	13.565	101.33	26.512	0
"2011-09-06	21:00:00"	8.0045	127.27	80.398	14.799	2.3799	26.524	0
"2011-09-06	22:00:00"	7.5341	133.83	76.758	15.351	0.10005	26.539	0
"2011-09-06	23:00:00"	8.3382	130.15	74.816	13.543	0.10896	26.547	0
"2011-09-07	00:00:00"	7.9063	129.73	72.801	12.076	0.11616	26.55	0
"2011-09-07	01:00:00"	7.833	123.55	70.102	12.403	0.08857	26.545	0
"2011-09-07	02:00:00"	7.9914	135.59	69.005	12.642	0.10853	26.547	0
"2011-09-07	03:00:00"	6.9115	127.4	67.696	14.727	0.09624	26.55	0
"2011-09-07	04:00:00"	8.6476	134.69	66.612	14.895	0.10684	26.547	0
"2011-09-07	05:00:00"	7.7056	134.23	65.44	16.346	0.10599	26.556	0
"2011-09-07	06:00:00"	6.6953	132.59	64.542	19.023	0.10239	26.559	0
"2011-09-07	07:00:00"	8.8353	137.49	64.347	19.694	0.09433	26.556	0
"2011-09-07	08:00:00"	6.9413	132.02	63.589	19.983	15.927	26.58	0
"2011-09-07	09:00:00"	5.419	121.21	65.046	19.095	161.26	26.598	0
"2011-09-07	10:00:00"	5.8483	128.26	70.553	15.872	385.83	26.609	0

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"2011-09-07	11:00:00"	8.9682	153.77	76.412	13.106	606.11	26.618	0
"2011-09-07	12:00:00"	11.271	165.36	79.884	11.316	773.88	26.615	0
"2011-09-07	13:00:00"	9.694	160.22	82.666	9.8342	917.53	26.609	0
"2011-09-07	14:00:00"	10.57	152.39	84.546	8.6797	982.51	26.604	0
"2011-09-07	15:00:00"	9.2131	147.77	86.082	8.057	885.82	26.589	0
"2011-09-07	16:00:00"	10.054	142.1	87.508	7.5828	781.11	26.574	0
"2011-09-07	17:00:00"	9.543	132.25	88.113	7.0378	682.17	26.556	0
"2011-09-07	18:00:00"	11.056	103.61	88.499	6.5656	497.69	26.562	0
"2011-09-07	19:00:00"	11.158	105.77	87.834	7.3128	305.17	26.565	0
"2011-09-07	20:00:00"	9.9792	93.094	85.665	8.7514	83.232	26.583	0
"2011-09-07	21:00:00"	9.9438	72.619	81.078	11.816	1.455	26.609	0
"2011-09-07	22:00:00"	10.053	76.723	77.572	14.343	0.0619	26.633	0
"2011-09-07	23:00:00"	14.268	104.91	74.812	18.367	0.08628	26.663	0
"2011-09-08	00:00:00"	14.178	72.101	73.411	21.674	0.10323	26.672	0
"2011-09-08	01:00:00"	14.719	75.771	72.077	23.767	0.11014	26.686	0
"2011-09-08	02:00:00"	12.036	77.179	70.264	25.433	0.12252	26.68	0
"2011-09-08	03:00:00"	10.335	68.494	68.85	26.683	0.09836	26.683	0
"2011-09-08	04:00:00"	10.476	66.832	67.94	26.722	0.10217	26.692	0
"2011-09-08	05:00:00"	9.7449	67.771	67.128	27.373	0.11044	26.698	0
"2011-09-08	06:00:00"	8.8005	58.637	66.025	28.444	0.09264	26.692	0
"2011-09-08	07:00:00"	7.4335	56.263	64.273	30.322	0.12358	26.704	0
"2011-09-08	08:00:00"	5.9353	42.565	61.258	34.744	13.081	26.716	0
"2011-09-08	09:00:00"	7.741	47.378	62.348	35.203	146.11	26.736	0
"2011-09-08	10:00:00"	10.421	69.1	66.927	30.054	370.45	26.745	0
"2011-09-08	11:00:00"	10.189	75.074	69.982	26.31	571.64	26.742	0
"2011-09-08	12:00:00"	8.0834	76.749	73.381	21.55	771.34	26.731	0
"2011-09-08	13:00:00"	6.2274	115.84	76.253	18.993	897.71	26.707	0
"2011-09-08	14:00:00"	5.1164	133.87	78.591	17.397	948.11	26.677	0
"2011-09-08	15:00:00"	5.4954	63.677	80.162	16.263	941.51	26.651	0
"2011-09-08	16:00:00"	6.5505	106.88	81.292	15.701	851.66	26.618	0
"2011-09-08	17:00:00"	5.0238	46.146	82.217	15.034	689.2	26.604	0
"2011-09-08	18:00:00"	5.2754	97.104	83.064	14.599	553.88	26.586	0
"2011-09-08	19:00:00"	6.2205	117.24	82.418	15.311	292	26.583	0
"2011-09-08	20:00:00"	6.438	75.873	80.744	16.848	54.849	26.577	0
"2011-09-08	21:00:00"	5.4351	87.354	76.808	19.711	1.3255	26.577	0
"2011-09-08	22:00:00"	5.0089	80.137	74.099	21.842	0.06932	26.589	0
"2011-09-08	23:00:00"	5.8204	87.654	71.264	24.896	0.09984	26.595	0
"2011-09-09	00:00:00"	5.6781	91.408	69.772	28.056	0.0903	26.592	0
"2011-09-09	01:00:00"	6.507	90.262	69.898	29.478	0.08903	26.601	0
"2011-09-09	02:00:00"	5.3711	96.218	67.652	32.641	0.10154	26.58	0
"2011-09-09	03:00:00"	4.444	97.853	64.831	35.945	0.10196	26.574	0
"2011-09-09	04:00:00"	5.2201	82.709	66.392	35.812	0.09327	26.577	0
"2011-09-09	05:00:00"	4.0675	68.248	64.908	37.533	0.12613	26.568	0
"2011-09-09	06:00:00"	3.356	82.82	65.459	37.194	0.12019	26.571	0
"2011-09-09	07:00:00"	1.5752	16.84	61.697	41.487	0.1026	26.589	0
"2011-09-09	08:00:00"	3.7929	19.792	62.67	40.823	8.0024	26.607	0
"2011-09-09	09:00:00"	5.5389	26.309	63.932	40.683	54.377	26.618	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-09	10:00:00"	6.0447	40.802	67.816	36.044	217.93	26.618	0
"2011-09-09	11:00:00"	7.2359	46.903	72.596	29.112	536.3	26.621	0
"2011-09-09	12:00:00"	6.2317	61.291	75.955	25.361	626.36	26.615	0
"2011-09-09	13:00:00"	7.4614	71.433	77.282	24.553	785.98	26.595	0
"2011-09-09	14:00:00"	7.1135	72.396	78.965	23.569	890.01	26.574	0
"2011-09-09	15:00:00"	7.2321	78.553	80.111	22.874	780.2	26.533	0
"2011-09-09	16:00:00"	8.2903	51.224	80.927	23.197	780.64	26.533	0
"2011-09-09	17:00:00"	6.3343	60.154	80.491	24.189	264.46	26.524	0
"2011-09-09	18:00:00"	10.299	61.698	80.219	24.658	335.28	26.506	0
"2011-09-09	19:00:00"	10.194	72.048	80.432	23.941	256.06	26.506	0
"2011-09-09	20:00:00"	9.0397	77.571	78.926	25.389	74.13	26.515	0
"2011-09-09	21:00:00"	7.4962	62.421	75.716	28.334	0.69211	26.521	0
"2011-09-09	22:00:00"	8.3183	62.257	73.476	31.013	0.09793	26.539	0
"2011-09-09	23:00:00"	6.8189	61.546	70.137	34.523	0.08585	26.545	0
"2011-09-10	00:00:00"	7.134	63.136	68.007	37.566	0.09581	26.545	0
"2011-09-10	01:00:00"	7.0762	71.429	69.352	35.689	0.10366	26.55	0
"2011-09-10	02:00:00"	5.0536	68.492	69.206	35.271	0.09475	26.545	0
"2011-09-10	03:00:00"	5.4724	74.934	69.068	35.571	0.08882	26.542	0
"2011-09-10	04:00:00"	4.8846	80.881	68.125	36.408	0.10747	26.536	0
"2011-09-10	05:00:00"	4.3521	44.933	65.247	40.472	0.10133	26.539	0
"2011-09-10	06:00:00"	2.7166	40.805	64.791	41.996	0.12698	26.547	0
"2011-09-10	07:00:00"	3.5089	45.133	64.757	42.593	0.11616	26.562	0
"2011-09-10	08:00:00"	4.5	51.792	65.088	42.024	3.9305	26.574	0
"2011-09-10	09:00:00"	5.6781	50.538	66.063	40.879	66.824	26.58	0
"2011-09-10	10:00:00"	6.2125	72.28	70.094	33.137	216.81	26.592	0
"2011-09-10	11:00:00"	8.5532	62.098	73.309	29.017	257.12	26.609	0
"2011-09-10	12:00:00"	9.7543	72.374	73.9	28.771	270.76	26.618	0
"2011-09-10	13:00:00"	9.4889	85.628	75.448	27.442	350.87	26.607	0
"2011-09-10	14:00:00"	10.861	102.81	78.462	23.934	794.01	26.595	0
"2011-09-10	15:00:00"	9.5629	108.37	79.84	22.186	615.16	26.577	0
"2011-09-10	16:00:00"	10.09	92.606	81.438	21.375	664.17	26.562	0
"2011-09-10	17:00:00"	10.295	82.394	81.197	21.965	460.04	26.55	0
"2011-09-10	18:00:00"	10.243	66.498	80.657	23.209	307.04	26.547	0
"2011-09-10	19:00:00"	11.203	64.351	79.598	25.826	222.58	26.545	0
"2011-09-10	20:00:00"	10.967	49.872	76.699	29.861	78.009	26.547	0
"2011-09-10	21:00:00"	9.0204	48.542	74.685	33.133	0.7131	26.553	0
"2011-09-10	22:00:00"	6.3647	46.303	72.08	38.29	0.09052	26.571	0
"2011-09-10	23:00:00"	4.7727	40.774	67.098	48.132	0.10281	26.583	0
"2011-09-11	00:00:00"	5.066	33.059	64.894	50.261	0.10451	26.601	0
"2011-09-11	01:00:00"	4.4708	22.21	62.716	53.144	0.10769	26.607	0
"2011-09-11	02:00:00"	4.7485	29.522	61.412	58.513	0.11786	26.601	0
"2011-09-11	03:00:00"	5.3823	26.768	60.227	64.081	0.11023	26.592	0
"2011-09-11	04:00:00"	5.6215	22.968	60.349	66.086	0.1132	26.583	0
"2011-09-11	05:00:00"	6.704	16.655	60.025	66.748	0.11786	26.586	0
"2011-09-11	06:00:00"	6.671	15.614	60.332	64.92	0.12549	26.595	0
"2011-09-11	07:00:00"	6.7779	15.239	59.168	66.532	0.11659	26.612	0
"2011-09-11	08:00:00"	6.9034	20.05	58.833	66.468	11.148	26.624	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-11"	09:00:00"	7.5792	28.424	63.04	58.246	138.78	26.642	0
"2011-09-11"	10:00:00"	9.3442	64.425	71.111	41.163	349.97	26.651	0
"2011-09-11"	11:00:00"	10.154	84.704	76.036	32.574	558.7	26.663	0
"2011-09-11"	12:00:00"	8.6433	92.92	79.238	27.841	727.68	26.669	0
"2011-09-11"	13:00:00"	5.9583	91.402	81.91	24.132	868.06	26.654	0
"2011-09-11"	14:00:00"	5.6116	135.44	84.311	22.379	919.35	26.63	0
"2011-09-11"	15:00:00"	6.5182	130.64	85.612	20.447	897.69	26.609	0
"2011-09-11"	16:00:00"	6.0223	160.72	87.245	18.854	815.81	26.586	0
"2011-09-11"	17:00:00"	4.8392	157.71	87.831	18.237	526.39	26.565	0
"2011-09-11"	18:00:00"	5.9005	135.27	88.664	17.487	473.57	26.553	0
"2011-09-11"	19:00:00"	5.0306	141.16	88.808	17.179	273.33	26.55	0
"2011-09-11"	20:00:00"	6.1938	122.98	87.685	17.741	72.628	26.553	0
"2011-09-11"	21:00:00"	4.4043	106.86	84.14	19.812	0.68448	26.562	0
"2011-09-11"	22:00:00"	2.419	150.26	79.175	22.962	0.0956	26.586	0
"2011-09-11"	23:00:00"	4.925	139.89	79.634	23.14	0.06677	26.592	0
"2011-09-12"	00:00:00"	6.4995	133.7	78.777	23.848	0.0797	26.595	0
"2011-09-12"	01:00:00"	7.014	121.15	77.053	25.177	0.07398	26.589	0
"2011-09-12"	02:00:00"	9.543	121.47	76.058	26.484	0.10154	26.583	0
"2011-09-12"	03:00:00"	8.2412	131.34	74.239	27.972	0.07949	26.58	0
"2011-09-12"	04:00:00"	5.2002	157.14	522.06	29.887	0.0956	26.577	0
"2011-09-12"	05:00:00"	1.8424	171.4	69.676	32.509	0.09073	26.577	0
"2011-09-12"	06:00:00"	1.4372	168.7	68.232	34.995	0.08946	26.58	0
"2011-09-12"	07:00:00"	1.0507	159.52	68.118	35.865	0.12676	26.589	0
"2011-09-12"	08:00:00"	1.3285	164.33	67.573	37.293	10.603	26.607	0
"2011-09-12"	09:00:00"	2.8738	173.43	70.35	34.719	135.65	26.621	0
"2011-09-12"	10:00:00"	4.3216	190.49	76.372	29.23	347.24	26.63	0
"2011-09-12"	11:00:00"	5.8471	214.93	82.863	23.144	557.7	26.633	0
"2011-09-12"	12:00:00"	9.0161	214.27	87.849	18.875	727.64	26.627	0
"2011-09-12"	13:00:00"	10.546	203.03	90.684	16.315	871.11	26.607	0
"2011-09-12"	14:00:00"	10.01	201.78	91.923	15.34	895.73	26.589	0
"2011-09-12"	15:00:00"	7.8069	209.18	93.998	14.318	894.74	26.562	0
"2011-09-12"	16:00:00"	7.9486	214.27	95.079	13.649	800.47	26.536	0
"2011-09-12"	17:00:00"	5.9919	219.95	94.888	13.681	427.62	26.518	0
"2011-09-12"	18:00:00"	6.6797	213.59	94.655	13.794	351.62	26.512	0
"2011-09-12"	19:00:00"	4.7727	238.51	93.464	14.399	121.06	26.512	0
"2011-09-12"	20:00:00"	2.6259	4.8699	91.382	15.383	28.279	26.512	0
"2011-09-12"	21:00:00"	2.1307	130.4	89.307	16.439	0.32433	26.524	0
"2011-09-12"	22:00:00"	2.6769	32.45	86.415	18.66	0.09179	26.542	0
"2011-09-12"	23:00:00"	2.7601	50.73	84.8	20.272	0.07907	26.556	0
"2011-09-13"	00:00:00"	3.0516	33.621	82.798	22.235	0.07589	26.562	0
"2011-09-13"	01:00:00"	2.5514	238.54	79.95	24.505	0.10535	26.562	0
"2011-09-13"	02:00:00"	5.9484	194.44	79.722	23.356	0.08755	26.562	0
"2011-09-13"	03:00:00"	4.6721	179.18	77.693	24.473	0.0903	26.553	0
"2011-09-13"	04:00:00"	4.275	186.32	76.512	25.593	0.08712	26.536	0
"2011-09-13"	05:00:00"	2.3805	177.07	73.631	28.332	0.05872	26.524	0
"2011-09-13"	06:00:00"	3.2715	175.61	73.13	30.073	0.09115	26.515	0
"2011-09-13"	07:00:00"	1.5615	171.64	71.063	32.887	0.08628	26.518	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-13	08:00:00"	2.4588	210.34	71.445	33.338	5.789	26.524	0
"2011-09-13	09:00:00"	2.0673	238.78	70.734	34.53	69.873	26.542	0
"2011-09-13	10:00:00"	6.5343	233.94	76.332	29.349	376.6	26.553	0
"2011-09-13	11:00:00"	6.914	256.6	81.198	23.967	507.37	26.556	0
"2011-09-13	12:00:00"	6.8189	302.01	85.802	19.236	750.78	26.547	0
"2011-09-13	13:00:00"	4.6174	260.33	90.149	15.952	872.95	26.53	0
"2011-09-13	14:00:00"	5.2413	273.35	92.744	14.978	882.69	26.509	0
"2011-09-13	15:00:00"	6.013	284.8	94.052	14.508	681.43	26.488	0
"2011-09-13	16:00:00"	6.8618	244.11	95.578	13.387	639.74	26.468	0
"2011-09-13	17:00:00"	5.9993	233.99	94.459	13.736	445.97	26.447	0
"2011-09-13	18:00:00"	8.0927	216.74	95.693	12.63	506.06	26.429	0
"2011-09-13	19:00:00"	5.7067	230.41	94.653	12.915	162.37	26.42	0
"2011-09-13	20:00:00"	1.953	218.75	92.4	14.108	31.781	26.418	0
"2011-09-13	21:00:00"	1.6404	300.53	89.015	15.579	0.32602	26.429	0
"2011-09-13	22:00:00"	5.5358	346.41	84.881	20.367	0.09942	26.447	0
"2011-09-13	23:00:00"	3.151	41.624	82.298	22.26	0.08606	26.459	0
"2011-09-14	00:00:00"	3.3753	121.54	81.131	23.25	0.092	26.465	0
"2011-09-14	01:00:00"	6.4871	189.85	83.167	22.447	0.09645	26.456	0
"2011-09-14	02:00:00"	6.6841	203.65	82.837	23.761	0.09179	26.45	0
"2011-09-14	03:00:00"	3.164	287.66	80.221	25.442	0.0831	26.456	0
"2011-09-14	04:00:00"	2.6601	172.41	78.743	27.151	0.0761	26.438	0
"2011-09-14	05:00:00"	1.4602	127.17	73.59	31.93	0.08882	26.432	0
"2011-09-14	06:00:00"	1.7473	150.86	73.471	34.701	0.09772	26.429	0
"2011-09-14	07:00:00"	1.0713	73.221	71.473	37.306	0.10493	26.447	0
"2011-09-14	08:00:00"	7.4229	13.005	70.494	43.942	4.7986	26.483	0
"2011-09-14	09:00:00"	9.9916	10.628	66.351	60.76	115.33	26.483	0
"2011-09-14	10:00:00"	14.195	9.2464	69.674	55.617	293.95	26.483	0
"2011-09-14	11:00:00"	12.943	18.263	74.187	47.155	335.22	26.5	0
"2011-09-14	12:00:00"	14.754	25.449	79.158	38.915	668.92	26.491	0
"2011-09-14	13:00:00"	15.816	44.994	82.059	33.687	816.78	26.497	0
"2011-09-14	14:00:00"	14.604	20.202	81.785	34.598	495.96	26.497	0
"2011-09-14	15:00:00"	14.888	14.385	82.165	34.613	761.82	26.485	0
"2011-09-14	16:00:00"	11.533	41.03	82.936	32.051	453.22	26.474	0
"2011-09-14	17:00:00"	11.118	39.075	83.738	29.904	414.55	26.45	0
"2011-09-14	18:00:00"	11.663	34.281	83.915	29.954	375.9	26.441	0
"2011-09-14	19:00:00"	10.921	43.783	83.126	28.499	175.4	26.441	0
"2011-09-14	20:00:00"	10.319	53.746	81.466	30.421	32.025	26.444	0
"2011-09-14	21:00:00"	9.0155	58.581	79.119	34.688	0.23169	26.468	0
"2011-09-14	22:00:00"	11.014	86.969	75.859	46.289	0.07864	26.474	0
"2011-09-14	23:00:00"	15.895	103.99	70.115	60.837	0.11574	26.491	0
"2011-09-15	00:00:00"	11.137	92.133	69.007	63.049	0.08946	26.497	0
"2011-09-15	01:00:00"	14.713	90.995	67.576	67.724	0.08691	26.494	0
"2011-09-15	02:00:00"	15.841	77.118	66.187	75.051	0.08076	26.477	0
"2011-09-15	03:00:00"	13.315	16.282	63.516	84.226	0.08204	26.524	0.17
"2011-09-15	04:00:00"	10.734	19.707	62.238	89.721	0.07843	26.533	0.15
"2011-09-15	05:00:00"	10.502	29.511	62.169	90.176	0.07652	26.574	0.19
"2011-09-15	06:00:00"	8.3475	34.761	61.748	91.873	0.06381	26.565	0.33

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-15	07:00:00"	13.731	61.871	61.171	92.621	0.06147	26.533	0.35
"2011-09-15	08:00:00"	15.356	93.878	60.953	91.47	1.5366	26.562	0.1
"2011-09-15	09:00:00"	12.431	81.998	60.559	90.748	12.309	26.574	0.07
"2011-09-15	10:00:00"	14.095	81.59	59.885	91.359	42.453	26.562	0.09
"2011-09-15	11:00:00"	14.055	88.329	59.95	90.249	150.34	26.58	0
"2011-09-15	12:00:00"	12.936	92.941	60.634	86.979	322.09	26.586	0
"2011-09-15	13:00:00"	10.97	98.718	60.747	84.98	288.83	26.58	0.01
"2011-09-15	14:00:00"	10.087	95.241	61.686	83.871	279.63	26.559	0
"2011-09-15	15:00:00"	10.88	86.959	61.845	82.368	186.86	26.559	0
"2011-09-15	16:00:00"	10.008	67.603	61.028	84.799	114.78	26.547	0
"2011-09-15	17:00:00"	10.402	72.118	60.132	86.185	125.42	26.533	0
"2011-09-15	18:00:00"	10.713	71.375	60.405	85.289	199.31	26.518	0
"2011-09-15	19:00:00"	10.627	85.93	60.112	85.782	98.181	26.515	0
"2011-09-15	20:00:00"	8.9341	89.229	60.063	86.366	21.914	26.506	0
"2011-09-15	21:00:00"	8.245	72.273	59.678	87.854	0.17404	26.509	0
"2011-09-15	22:00:00"	9.717	71	58.957	90.271	0.09666	26.547	0
"2011-09-15	23:00:00"	11.276	78.756	58.542	91.605	0.08712	26.553	0
"2011-09-16	00:00:00"	8.8197	91.048	58.912	90.122	0.08585	26.553	0
"2011-09-16	01:00:00"	9.7841	79.997	58.754	88.599	0.0903	26.524	0
"2011-09-16	02:00:00"	9.5747	75.919	58.059	88.3	0.09581	26.55	0
"2011-09-16	03:00:00"	5.6135	31.871	57.351	89.614	0.10111	26.595	0.52
"2011-09-16	04:00:00"	5.9447	94.05	57.082	92.305	0.09136	26.556	0.07
"2011-09-16	05:00:00"	10.449	109.62	57.059	92.392	0.07525	26.48	0
"2011-09-16	06:00:00"	10.63	110.97	57.003	91.129	0.0655	26.5	0
"2011-09-16	07:00:00"	5.043	97.243	56.503	90.088	0.09963	26.521	0
"2011-09-16	08:00:00"	3.2697	16.918	55.129	91.984	8.413	26.524	0
"2011-09-16	09:00:00"	1.9822	250.26	56.2	92.145	82.874	26.553	0
"2011-09-16	10:00:00"	5.117	200.13	57.862	90.537	133.24	26.542	0
"2011-09-16	11:00:00"	6.2181	199.01	60.716	87.752	205.08	26.559	0
"2011-09-16	12:00:00"	8.6395	195.45	62.523	85.063	342.92	26.545	0
"2011-09-16	13:00:00"	7.1134	203.13	64.348	81.831	486.12	26.527	0
"2011-09-16	14:00:00"	5.7943	183	67.859	73.949	935.54	26.515	0
"2011-09-16	15:00:00"	7.0196	180.28	72.136	65.148	888.3	26.494	0
"2011-09-16	16:00:00"	6.6735	175.93	75.628	53.987	808.23	26.474	0
"2011-09-16	17:00:00"	7.1837	176.91	77.05	51.92	671.15	26.468	0
"2011-09-16	18:00:00"	6.8494	187.14	77.956	50.684	450.91	26.453	0
"2011-09-16	19:00:00"	6.2007	171.33	78.257	51.032	248.14	26.45	0
"2011-09-16	20:00:00"	5.8514	164.12	76.918	54.938	58.069	26.441	0
"2011-09-16	21:00:00"	4.1383	175.9	73.67	62.936	0.4212	26.459	0
"2011-09-16	22:00:00"	1.436	171.69	70.813	71.851	0.10472	26.471	0
"2011-09-16	23:00:00"	3.8575	161.43	71.143	70.134	0.10345	26.485	0
"2011-09-17	00:00:00"	6.9258	150.72	71.297	69.239	0.10111	26.485	0
"2011-09-17	01:00:00"	8.1199	166.39	70.198	74.647	0.09766	26.483	0
"2011-09-17	02:00:00"	4.1806	165.83	69.082	78.02	0.0778	26.477	0
"2011-09-17	03:00:00"	4.2893	176.52	67.566	82.449	0.09518	26.48	0
"2011-09-17	04:00:00"	4.2272	179.22	66.594	85.257	0.09751	26.474	0
"2011-09-17	05:00:00"	5.8682	181.26	66.009	87.018	0.08649	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-17"	06:00:00"	9.3305	189.9	66.434	87.924	0.09687	26.462	0
"2011-09-17"	07:00:00"	4.4366	211.46	65.685	90.026	0.07822	26.477	0
"2011-09-17"	08:00:00"	6.7033	197.2	65.215	91.613	10.052	26.488	0
"2011-09-17"	09:00:00"	4.8784	211.19	65.353	91.951	94.938	26.494	0
"2011-09-17"	10:00:00"	6.0248	227.84	67.661	87.41	350.48	26.5	0
"2011-09-17"	11:00:00"	6.5816	239.52	74.692	64.8	569.96	26.512	0
"2011-09-17"	12:00:00"	8.4935	216.25	78.92	49.973	747.35	26.509	0
"2011-09-17"	13:00:00"	7.572	220.63	83.074	41.2	872.22	26.494	0
"2011-09-17"	14:00:00"	7.5515	276.89	86.121	32.363	958.29	26.471	0
"2011-09-17"	15:00:00"	6.3131	267.27	87.126	28.787	607.79	26.453	0
"2011-09-17"	16:00:00"	7.9442	283.3	86.14	30.248	522.4	26.435	0
"2011-09-17"	17:00:00"	7.892	275.04	87.573	27.433	590.61	26.423	0
"2011-09-17"	18:00:00"	11.589	221.04	87.319	26.805	484.81	26.415	0
"2011-09-17"	19:00:00"	12.302	187.27	84.428	31.082	255.31	26.409	0
"2011-09-17"	20:00:00"	7.8541	184.15	81.767	31.474	59.065	26.415	0
"2011-09-17"	21:00:00"	3.8861	193.46	77.719	37.763	0.34319	26.426	0
"2011-09-17"	22:00:00"	2.9416	221.61	76.044	41.109	0.08543	26.453	0
"2011-09-17"	23:00:00"	4.9449	194.48	73.791	49.108	0.10451	26.462	0
"2011-09-18"	00:00:00"	4.111	209.37	72.192	54.194	0.09433	26.465	0
"2011-09-18"	01:00:00"	4.2062	203.99	70.828	58.847	0.09026	26.465	0
"2011-09-18"	02:00:00"	4.1899	205.51	69.342	64.156	0.09327	26.471	0
"2011-09-18"	03:00:00"	4.321	207.69	68.605	66.618	0.09836	26.474	0
"2011-09-18"	04:00:00"	4.9349	203.2	67.614	69.876	0.07928	26.483	0
"2011-09-18"	05:00:00"	3.1106	234.07	65.883	77.276	0.10557	0.26488	0
"2011-09-18"	06:00:00"	4.403	225.43	65.264	80.282	0.10853	26.503	0
"2011-09-18"	07:00:00"	1.9331	244.2	63.335	85.718	0.09454	26.506	0
"2011-09-18"	08:00:00"	1.8964	261.17	62.968	89.151	8.4451	26.521	0
"2011-09-18"	09:00:00"	2.7272	308.85	64.929	89.574	136.64	26.553	0
"2011-09-18"	10:00:00"	10.061	0.6973	69.859	56.619	360.75	26.559	0
"2011-09-18"	11:00:00"	10.222	22.713	71.829	49.592	580.02	26.571	0
"2011-09-18"	12:00:00"	11.124	16.596	74.545	47.516	760.07	26.577	0
"2011-09-18"	13:00:00"	9.3578	18.466	77.616	42.219	881.52	26.568	0
"2011-09-18"	14:00:00"	9.5797	8.8021	80.237	33.989	937.83	26.559	0
"2011-09-18"	15:00:00"	7.6149	358.2	82.008	29.003	918.71	26.545	0
"2011-09-18"	16:00:00"	8.46	351.61	83.468	23.936	828.61	26.53	0
"2011-09-18"	17:00:00"	8.2872	13.014	84.064	23.627	675.18	26.521	0
"2011-09-18"	18:00:00"	8.3214	2.3416	83.722	24.071	475.39	26.518	0
"2011-09-18"	19:00:00"	7.9076	353.9	83.354	24.495	252.67	26.524	0
"2011-09-18"	20:00:00"	4.723	15.024	80.678	27.624	57.119	26.533	0
"2011-09-18"	21:00:00"	3.1864	18.781	73.061	40.094	0.33556	26.539	0
"2011-09-18"	22:00:00"	3.6095	33.83	70.358	45.123	0.09793	26.556	0
"2011-09-18"	23:00:00"	3.3647	37.926	67.111	54.552	0.10387	26.559	0
"2011-09-19"	00:00:00"	3.8332	57.956	66.355	55.574	0.08882	26.562	0
"2011-09-19"	01:00:00"	4.431	57.664	66.006	54.585	0.10959	26.571	0
"2011-09-19"	02:00:00"	4.3713	52.661	64.182	59.179	0.11193	26.571	0
"2011-09-19"	03:00:00"	5.8104	58.226	63.382	60.479	0.12125	26.583	0
"2011-09-19"	04:00:00"	7.1762	75.733	65.666	52.284	0.09539	26.592	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-19"	05:00:00"	7.7354	77.086	65.106	52.23	0.09942	26.586	0
"2011-09-19"	06:00:00"	6.0136	63.027	62.442	58.46	0.10917	26.589	0
"2011-09-19"	07:00:00"	6.2864	53.856	58.876	68.297	0.09369	26.604	0
"2011-09-19"	08:00:00"	6.0708	54.309	58.021	70.202	10.924	26.621	0
"2011-09-19"	09:00:00"	6.42	67.699	61.841	60.352	140.31	26.645	0
"2011-09-19"	10:00:00"	8.7775	104.14	66.943	48.511	363.59	26.66	0
"2011-09-19"	11:00:00"	9.0639	133.86	70.985	42.806	584.42	26.663	0
"2011-09-19"	12:00:00"	9.0801	150.18	74.88	38.179	766.43	26.657	0
"2011-09-19"	13:00:00"	8.1741	150.8	78.547	31.773	889.53	26.639	0
"2011-09-19"	14:00:00"	5.9844	137.96	80.895	26.824	944.89	26.612	0
"2011-09-19"	15:00:00"	5.9167	136.24	83.203	22.515	923.18	26.586	0
"2011-09-19"	16:00:00"	7.8989	128.03	84.175	19.034	834.38	26.559	0
"2011-09-19"	17:00:00"	7.5173	121.5	84.648	20.016	676.1	26.539	0
"2011-09-19"	18:00:00"	7.4589	137.72	85.078	19.165	475.32	26.527	0
"2011-09-19"	19:00:00"	8.2667	140.46	84.64	19.687	250.08	26.524	0
"2011-09-19"	20:00:00"	7.6988	136.25	82.576	21.76	53.572	26.527	0
"2011-09-19"	21:00:00"	8.6507	133.81	78.909	25.841	0.24653	26.53	0
"2011-09-19"	22:00:00"	8.9353	132.99	76.152	29.331	0.08903	26.539	0
"2011-09-19"	23:00:00"	9.6828	130.7	74.227	32.333	0.085	26.536	0
"2011-09-20"	00:00:00"	8.9943	133.05	72.821	33.905	0.08522	26.527	0
"2011-09-20"	01:00:00"	9.436	132.96	71.875	34.12	0.12176	26.521	0
"2011-09-20"	02:00:00"	10.317	146.9	70.711	32.771	0.10005	26.515	0
"2011-09-20"	03:00:00"	8.8378	153.06	68.753	34.464	0.11044	26.512	0
"2011-09-20"	04:00:00"	4.8324	169.73	65.939	39.399	0.08797	26.503	0
"2011-09-20"	05:00:00"	3.1069	173.48	63.82	43.616	0.11193	26.497	0
"2011-09-20"	06:00:00"	6.4759	194.65	64.747	38.957	0.08458	26.5	0
"2011-09-20"	07:00:00"	3.1671	164.39	62.547	45.016	0.09433	26.494	0
"2011-09-20"	08:00:00"	5.8608	161.25	63.327	43.092	9.8486	26.497	0
"2011-09-20"	09:00:00"	7.3651	184.82	64.962	42.548	128.45	26.506	0
"2011-09-20"	10:00:00"	10.566	186.01	71.43	35.036	363.6	26.5	0
"2011-09-20"	11:00:00"	11.586	195.1	76.696	31.213	604.34	26.53	0
"2011-09-20"	12:00:00"	9.3647	196.87	79.048	30.225	503.46	26.5	0
"2011-09-20"	13:00:00"	9.3349	197.63	81.468	27.929	513.39	26.485	0
"2011-09-20"	14:00:00"	7.6528	211.17	84.967	24.582	955.8	26.462	0
"2011-09-20"	15:00:00"	7.1762	216.35	87.777	21.431	941.06	26.432	0
"2011-09-20"	16:00:00"	9.246	211.42	88.633	20.66	774.12	26.409	0
"2011-09-20"	17:00:00"	6.6909	212.02	90.119	19.067	661.12	26.391	0
"2011-09-20"	18:00:00"	6.7083	236.69	91.133	17.779	478.41	26.385	0
"2011-09-20"	19:00:00"	5.8539	231.1	90.153	18.662	219.33	26.385	0
"2011-09-20"	20:00:00"	7.2856	219.91	87.13	21.783	46.21	26.391	0
"2011-09-20"	21:00:00"	5.6222	217.76	82.766	26.551	0.18506	26.4	0
"2011-09-20"	22:00:00"	3.8916	213.86	80.56	28.294	0.10048	26.415	0
"2011-09-20"	23:00:00"	4.6019	174.02	79.686	28.09	0.09921	26.423	0
"2011-09-21"	00:00:00"	6.6859	155.08	75.75	33.038	0.10111	26.426	0
"2011-09-21"	01:00:00"	3.5636	234.48	73.334	35.992	0.092	26.456	0
"2011-09-21"	02:00:00"	4.0265	181.06	73.308	37.534	0.09772	26.435	0
"2011-09-21"	03:00:00"	4.2862	178.36	71.587	41.39	0.1009	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-21	04:00:00"	5.1033	212.76	71.739	40.505	0.08246	26.42	0
"2011-09-21	05:00:00"	2.406	336.44	65.61	53.604	0.11108	26.426	0
"2011-09-21	06:00:00"	8.7017	5.7521	62.032	62.819	0.10323	26.453	0
"2011-09-21	07:00:00"	10.167	8.4403	60.599	63.674	0.10769	26.474	0
"2011-09-21	08:00:00"	10.505	12.935	59.781	62.974	7.8216	26.485	0
"2011-09-21	09:00:00"	12.869	4.8999	60.643	57.559	131.73	26.5	0
"2011-09-21	10:00:00"	14.745	11.393	63.89	50.619	336.37	26.518	0
"2011-09-21	11:00:00"	14.348	12.665	67.618	45.301	560.05	26.542	0
"2011-09-21	12:00:00"	11.055	6.477	71.942	39.551	751.24	26.547	0
"2011-09-21	13:00:00"	9.2994	353.72	75.659	34.83	882.56	26.536	0
"2011-09-21	14:00:00"	8.6582	359.35	78.617	31.329	948.24	26.527	0
"2011-09-21	15:00:00"	7.5049	359.29	81.076	28.693	912.66	26.506	0
"2011-09-21	16:00:00"	5.9092	9.5615	83.108	26.216	816.1	26.483	0
"2011-09-21	17:00:00"	5.862	340.66	84.691	24.585	662.03	26.462	0
"2011-09-21	18:00:00"	5.0822	334.37	85.444	23.493	461.91	26.456	0
"2011-09-21	19:00:00"	3.0652	357.43	85.749	22.707	237.79	26.456	0
"2011-09-21	20:00:00"	2.309	350.96	82.871	26.878	43.455	26.465	0
"2011-09-21	21:00:00"	1.4242	20.006	75.846	36.669	0.11087	26.471	0
"2011-09-21	22:00:00"	2.7123	43.601	72.333	40.837	0.09857	26.485	0
"2011-09-21	23:00:00"	1.8753	55.428	71.651	42.49	0.11913	26.491	0
"2011-09-22	00:00:00"	4.3776	74.245	71.804	42.984	0.10005	26.506	0
"2011-09-22	01:00:00"	5.8409	183.35	70.633	44.696	0.10578	26.521	0
"2011-09-22	02:00:00"	7.3763	198.34	69.296	47.047	0.07822	26.509	0
"2011-09-22	03:00:00"	6.6443	189.55	67.887	50.309	0.10069	26.512	0
"2011-09-22	04:00:00"	6.9003	200.89	67.6	51.208	0.08458	26.515	0
"2011-09-22	05:00:00"	7.0358	209.18	66.496	54.711	0.11532	26.521	0
"2011-09-22	06:00:00"	6.3448	144.41	66.709	55.282	0.10493	26.542	0
"2011-09-22	07:00:00"	11.999	42.558	60.873	60.159	0.10981	26.562	0
"2011-09-22	08:00:00"	15.259	47.198	57.994	59.071	7.9043	26.589	0
"2011-09-22	09:00:00"	18.197	51.68	56.717	55.791	69.22	26.609	0
"2011-09-22	10:00:00"	17.074	62.017	57.062	53.969	343.53	26.627	0
"2011-09-22	11:00:00"	15.733	60.681	58.367	54.853	341.88	26.669	0
"2011-09-22	12:00:00"	12.063	52.968	60.067	55.745	597.72	26.683	0
"2011-09-22	13:00:00"	12.577	59.913	62.167	55.026	860.97	26.672	0
"2011-09-22	14:00:00"	12.087	63.477	63.929	54.511	686.99	26.654	0
"2011-09-22	15:00:00"	11.668	72.974	66.547	50.452	858.89	26.633	0
"2011-09-22	16:00:00"	7.9939	79.972	69.128	46.652	798.82	26.615	0
"2011-09-22	17:00:00"	6.8108	90.239	70.926	44.434	645.67	26.601	0
"2011-09-22	18:00:00"	4.9262	79.022	72.092	42.453	440.99	26.592	0
"2011-09-22	19:00:00"	5.816	86.65	72.459	42.362	221.34	26.595	0
"2011-09-22	20:00:00"	4.4521	70.097	71.319	44.455	42.097	26.595	0
"2011-09-22	21:00:00"	3.1423	48.569	66.693	53.118	0.13821	26.607	0
"2011-09-22	22:00:00"	2.8602	42.865	63.174	60.68	0.09073	26.639	0
"2011-09-22	23:00:00"	3.6294	46.119	61.747	63.822	0.11404	26.651	0
"2011-09-23	00:00:00"	3.1684	54.617	60.183	67.485	0.09751	26.654	0
"2011-09-23	01:00:00"	3.7736	96.217	60.983	65.465	0.11468	26.651	0
"2011-09-23	02:00:00"	2.6669	93.969	59.723	68.022	0.09878	26.642	0

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"2011-09-23	03:00:00"	1.697	89.905	59.427	68.54	0.14669	26.639	0
"2011-09-23	04:00:00"	1.3782	30.84	56.506	75.284	0.09136	26.636	0
"2011-09-23	05:00:00"	0.97866	63.599	54.723	80.025	0.1274	26.627	0
"2011-09-23	06:00:00"	1.1172	8.1609	53.692	82.247	0.08246	26.63	0
"2011-09-23	07:00:00"	0.78355	18.858	53.347	83.55	0.07992	26.639	0
"2011-09-23	08:00:00"	1.2664	338.54	54.106	82.562	7.0386	26.642	0
"2011-09-23	09:00:00"	2.9242	233.18	57.49	75.692	128.65	26.657	0
"2011-09-23	10:00:00"	3.0012	207.89	62.187	66.526	354.14	26.657	0
"2011-09-23	11:00:00"	4.692	197.68	66.653	56.594	577.48	26.663	0
"2011-09-23	12:00:00"	3.0621	267.32	71.143	44.461	761.61	26.648	0
"2011-09-23	13:00:00"	4.2552	153.53	73.544	37.779	889.33	26.633	0
"2011-09-23	14:00:00"	3.8457	145.04	75.972	31.048	942.02	26.609	0
"2011-09-23	15:00:00"	3.9438	181.3	79.315	25.158	918.45	26.583	0
"2011-09-23	16:00:00"	4.7945	134.19	81.267	21.841	821.53	26.559	0
"2011-09-23	17:00:00"	4.2054	208.03	83.812	18.758	657.62	26.545	0
"2011-09-23	18:00:00"	3.2218	99.351	84.576	15.579	463.57	26.536	0
"2011-09-23	19:00:00"	6.0956	154.27	83.551	19.761	232.6	26.533	0
"2011-09-23	20:00:00"	6.072	166.55	80.732	23.566	43.743	26.527	0
"2011-09-23	21:00:00"	4.7522	160.2	75.597	28.556	0.14351	26.533	0
"2011-09-23	22:00:00"	1.807	174.92	72.159	31.625	0.08755	26.547	0
"2011-09-23	23:00:00"	2.7645	163.69	70.755	33.071	0.10281	26.553	0
"2011-09-24	00:00:00"	4.7442	170.32	68.873	37.942	0.09921	26.55	0
"2011-09-24	01:00:00"	5.1226	214.95	67.721	39.307	0.11595	26.547	0
"2011-09-24	02:00:00"	4.7566	225.63	66.771	40.115	0.08903	26.53	0
"2011-09-24	03:00:00"	4.431	222.65	66.501	40.521	0.09539	26.521	0
"2011-09-24	04:00:00"	4.4633	235.94	65.431	42.869	0.12931	26.509	0
"2011-09-24	05:00:00"	2.8745	248.81	62.274	49.594	0.09497	26.497	0
"2011-09-24	06:00:00"	2.7365	243.74	60.879	52.215	0.12804	26.488	0
"2011-09-24	07:00:00"	2.5725	245.12	60.155	52.194	0.10175	26.491	0
"2011-09-24	08:00:00"	2.6172	255.11	60.391	51.247	7.457	26.494	0
"2011-09-24	09:00:00"	2.0729	241.19	63.642	47.286	128.88	26.494	0
"2011-09-24	10:00:00"	6.0994	218.85	70.97	38.745	350.17	26.497	0
"2011-09-24	11:00:00"	8.4332	218.23	77.426	28.395	574.88	26.503	0
"2011-09-24	12:00:00"	8.1934	220.33	82.808	20.344	757.16	26.491	0
"2011-09-24	13:00:00"	6.4418	254.74	86.954	16.269	880.19	26.471	0
"2011-09-24	14:00:00"	6.0894	265.34	89.721	13.665	934.62	26.438	0
"2011-09-24	15:00:00"	6.7245	284.75	91.671	12.075	913.78	26.403	0
"2011-09-24	16:00:00"	6.8537	280.15	92.894	10.962	819.48	26.382	0
"2011-09-24	17:00:00"	6.7033	282.13	93.663	10.581	660.24	26.367	0
"2011-09-24	18:00:00"	8.1263	284.97	93.708	9.9208	456.61	26.358	0
"2011-09-24	19:00:00"	7.8069	294.16	92.92	8.6306	233.54	26.353	0
"2011-09-24	20:00:00"	3.0876	274.86	88.452	10.703	41.539	26.35	0
"2011-09-24	21:00:00"	1.4142	277.14	81.015	14.869	0.10429	26.356	0
"2011-09-24	22:00:00"	1.3621	244.16	78.096	16.576	0.0884	26.358	0
"2011-09-24	23:00:00"	1.6255	241.03	76.23	18.643	0.10514	26.358	0
"2011-09-25	00:00:00"	1.4453	237.12	73.989	21.629	0.09899	26.353	0
"2011-09-25	01:00:00"	1.5012	233.7	72.251	23.93	0.10196	26.338	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-25	02:00:00"	1.5454	253.35	70.587	26.014	0.07886	26.326	0
"2011-09-25	03:00:00"	2.2239	280.05	70.088	26.626	0.08797	26.323	0
"2011-09-25	04:00:00"	5.4413	295.48	68.939	26.082	0.09433	26.317	0
"2011-09-25	05:00:00"	3.6984	286.93	66.902	27.35	0.10578	26.314	0
"2011-09-25	06:00:00"	4.9181	293.64	66.808	26.97	0.09963	26.317	0
"2011-09-25	07:00:00"	7.5521	299.86	65.128	28.86	0.11532	26.323	0
"2011-09-25	08:00:00"	8.263	308.71	65.144	28.321	6.7191	26.332	0
"2011-09-25	09:00:00"	9.8127	308.82	68.399	24.973	131.25	26.344	0
"2011-09-25	10:00:00"	10.455	307.12	76.836	17.87	357.95	26.356	0
"2011-09-25	11:00:00"	10.769	309.09	83.516	12.816	582.68	26.37	0
"2011-09-25	12:00:00"	7.8498	335.4	87.448	11.092	765.71	26.376	0
"2011-09-25	13:00:00"	6.2255	17.383	87.06	12.849	888.89	26.364	0
"2011-09-25	14:00:00"	2.8968	186.09	90.738	10.729	943.3	26.341	0
"2011-09-25	15:00:00"	4.8759	262.56	93.672	8.8136	920.14	26.32	0
"2011-09-25	16:00:00"	7.2191	275.79	95.369	6.4144	829.16	26.302	0
"2011-09-25	17:00:00"	8.4537	278	95.597	6.0169	673.07	26.296	0
"2011-09-25	18:00:00"	7.4564	264.95	95.306	6.1208	463.48	26.294	0
"2011-09-25	19:00:00"	7.0016	277.46	93.749	6.5472	229.82	26.296	0
"2011-09-25	20:00:00"	2.2867	248.47	89.319	8.1575	38.541	26.291	0
"2011-09-25	21:00:00"	0.95381	341.31	80.481	12.134	0.07843	26.302	0
"2011-09-25	22:00:00"	1.5677	333.15	76.92	13.76	0.09158	26.314	0
"2011-09-25	23:00:00"	5.1375	57.96	75.057	21.828	0.09518	26.332	0
"2011-09-26	00:00:00"	7.2713	102.52	71.3	33.772	0.10175	26.338	0
"2011-09-26	01:00:00"	2.8583	84.638	68.603	38.538	0.10938	26.353	0
"2011-09-26	02:00:00"	3.8053	92.217	68.407	40.138	0.10027	26.335	0
"2011-09-26	03:00:00"	2.8527	87.703	65.701	45.379	0.09073	26.332	0
"2011-09-26	04:00:00"	1.5615	53.763	62.712	50.839	0.09264	26.32	0
"2011-09-26	05:00:00"	3.0516	53.864	60.591	54.882	0.11171	26.311	0
"2011-09-26	06:00:00"	1.0744	46.042	59.681	56.858	0.12655	26.326	0
"2011-09-26	07:00:00"	1.2036	350.13	56.854	63.41	0.11616	26.329	0
"2011-09-26	08:00:00"	1.3521	46.216	57.268	62.782	5.4324	26.344	0
"2011-09-26	09:00:00"	1.8529	46.745	60.478	57.915	123.66	26.361	0
"2011-09-26	10:00:00"	2.9465	128.16	67.999	44.484	342.08	26.382	0
"2011-09-26	11:00:00"	2.9963	356.02	75.819	29.147	562.69	26.394	0
"2011-09-26	12:00:00"	5.6992	278.46	82.453	20.973	745.56	26.391	0
"2011-09-26	13:00:00"	6.3715	273.85	88.452	15.176	868.75	26.373	0
"2011-09-26	14:00:00"	7.5571	283.97	91.925	11.578	924.62	26.353	0
"2011-09-26	15:00:00"	7.7504	270.8	93.493	10.216	902.53	26.338	0
"2011-09-26	16:00:00"	7.3608	252.41	94.684	9.0297	822.5	26.326	0
"2011-09-26	17:00:00"	6.8804	242.09	94.228	8.6117	579.35	26.317	0
"2011-09-26	18:00:00"	4.6584	307.47	92.247	9.2972	190.66	26.317	0
"2011-09-26	19:00:00"	3.6617	280.55	92.806	9.3411	204.72	26.323	0
"2011-09-26	20:00:00"	1.4553	304.39	88.731	11.952	35.119	26.329	0
"2011-09-26	21:00:00"	2.2742	270.59	83.818	13.732	0.09899	26.344	0
"2011-09-26	22:00:00"	1.1856	289.39	78.442	17.701	0.07483	26.356	0
"2011-09-26	23:00:00"	1.2595	60.816	73.655	22.831	0.10408	26.367	0
"2011-09-27	00:00:00"	1.4335	10.676	72.773	22.337	0.06805	26.376	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-27"	01:00:00"	1.5994	3.5677	71.635	23.726	0.08903	26.376	0
"2011-09-27"	02:00:00"	2.5538	250.01	74.586	21.109	0.07292	26.373	0
"2011-09-27"	03:00:00"	3.0062	258.36	73.402	22.088	0.10154	26.379	0
"2011-09-27"	04:00:00"	3.3237	315.7	67.969	29.267	0.10514	26.388	0
"2011-09-27"	05:00:00"	2.8925	10.45	63.028	37.074	0.11299	26.379	0
"2011-09-27"	06:00:00"	3.9557	24.639	62.729	42.989	0.09921	26.394	0
"2011-09-27"	07:00:00"	3.909	334.04	58.711	55.264	0.10875	26.415	0
"2011-09-27"	08:00:00"	2.5893	336.3	57.168	61.529	4.6097	26.42	0
"2011-09-27"	09:00:00"	3.297	358.35	58.548	63.126	121.98	26.441	0
"2011-09-27"	10:00:00"	4.4602	3.0268	67.745	48.744	341.57	26.459	0
"2011-09-27"	11:00:00"	4.1147	352.52	72.971	39.433	562.18	26.474	0
"2011-09-27"	12:00:00"	3.4536	323.25	78.768	30.303	742.4	26.477	0
"2011-09-27"	13:00:00"	3.4915	1.1401	83.16	24.339	866.3	26.471	0
"2011-09-27"	14:00:00"	3.0895	122.93	86.989	19.319	917.72	26.456	0
"2011-09-27"	15:00:00"	3.7295	99.809	90.15	16.652	893.61	26.429	0
"2011-09-27"	16:00:00"	5.3556	15.282	91.368	14.874	794.41	26.412	0
"2011-09-27"	17:00:00"	6.2367	42.255	92.261	13.371	649.48	26.4	0
"2011-09-27"	18:00:00"	7.0457	82.653	92.542	12.355	515.02	26.397	0
"2011-09-27"	19:00:00"	9.1416	84.316	91.471	12.492	204.75	26.4	0
"2011-09-27"	20:00:00"	4.4801	78.91	87.148	16.344	27.196	26.409	0
"2011-09-27"	21:00:00"	4.7137	69.227	82.209	20.091	0.09221	26.429	0
"2011-09-27"	22:00:00"	7.9517	86.945	79.487	24.583	0.08818	26.456	0
"2011-09-27"	23:00:00"	10.08	92.901	75.745	31.038	0.09264	26.474	0
"2011-09-28"	00:00:00"	9.3957	65.426	74	36.338	0.12931	26.483	0
"2011-09-28"	01:00:00"	7.9222	84.399	71.214	42.002	0.10887	26.477	0
"2011-09-28"	02:00:00"	6.3293	70.236	68.834	47.685	0.09687	26.468	0
"2011-09-28"	03:00:00"	6.2187	59.592	65.856	53.397	0.06762	26.462	0
"2011-09-28"	04:00:00"	6.7431	85.882	65.67	55.356	0.09666	26.462	0
"2011-09-28"	05:00:00"	5.3233	94.974	64.808	57.85	0.12295	26.447	0
"2011-09-28"	06:00:00"	6.0571	51.942	62.907	62.296	0.11998	26.453	0
"2011-09-28"	07:00:00"	6.6903	345.22	63.926	62.597	0.10959	26.468	0
"2011-09-28"	08:00:00"	5.7502	30.032	61.708	69.233	4.0889	26.468	0
"2011-09-28"	09:00:00"	5.4289	54.287	63.827	68.716	117.26	26.474	0
"2011-09-28"	10:00:00"	3.763	102.93	73.134	47.608	331.6	26.477	0
"2011-09-28"	11:00:00"	2.9863	132	80.417	31.796	550.41	26.48	0
"2011-09-28"	12:00:00"	5.204	56.173	83.717	27.224	729.63	26.48	0
"2011-09-28"	13:00:00"	6.6021	89.792	86.133	25.86	844.24	26.477	0
"2011-09-28"	14:00:00"	6.63	89.876	87.369	24.04	895.54	26.456	0
"2011-09-28"	15:00:00"	6.0043	60.01	89.041	21.206	872.97	26.432	0
"2011-09-28"	16:00:00"	4.6329	79.253	90.287	18.084	769.86	26.406	0
"2011-09-28"	17:00:00"	5.1816	68.867	90.86	15.015	447.48	26.397	0
"2011-09-28"	18:00:00"	4.1744	238.76	90.796	14.809	225.1	26.403	0
"2011-09-28"	19:00:00"	11.023	230.53	83.803	23.094	122.62	26.42	0.01
"2011-09-28"	20:00:00"	6.3802	220.37	81.655	24.496	30.958	26.42	0
"2011-09-28"	21:00:00"	6.4859	320.74	77.749	30.573	0.11659	26.429	0
"2011-09-28"	22:00:00"	3.5244	72.661	76.501	33.459	0.10005	26.435	0
"2011-09-28"	23:00:00"	1.9169	333.89	70.437	44.798	0.09793	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-29	00:00:00"	1.1502	346.74	69.421	43.023	0.09433	26.441	0
"2011-09-29	01:00:00"	3.1845	273.68	68.57	42.674	0.11616	26.444	0
"2011-09-29	02:00:00"	1.8828	160.98	69.204	41.348	0.09899	26.441	0
"2011-09-29	03:00:00"	1.5354	16.923	65.877	48.716	0.10005	26.456	0
"2011-09-29	04:00:00"	6.6462	189.26	68.261	42.677	0.11171	26.45	0
"2011-09-29	05:00:00"	7.6584	181.51	67.109	47.666	0.10684	26.441	0
"2011-09-29	06:00:00"	6.2945	192.45	66.673	53.035	0.09878	26.447	0
"2011-09-29	07:00:00"	2.6141	263.59	64.301	55.444	0.11638	26.462	0
"2011-09-29	08:00:00"	2.3712	285.17	63.124	60.521	4.1762	26.471	0
"2011-09-29	09:00:00"	2.5706	291.7	64.279	62.631	110.5	26.483	0
"2011-09-29	10:00:00"	5.0145	290.39	70.602	51.201	321.67	26.494	0
"2011-09-29	11:00:00"	4.6684	301.66	77.591	39.105	537.89	26.503	0
"2011-09-29	12:00:00"	4.1222	325.08	85.442	22.923	717.5	26.503	0
"2011-09-29	13:00:00"	4.0812	294.78	89.275	17.559	837.91	26.503	0
"2011-09-29	14:00:00"	6.1193	62.181	90.342	15.658	770.88	26.483	0
"2011-09-29	15:00:00"	8.2953	93.283	90.451	15.329	656.9	26.459	0
"2011-09-29	16:00:00"	12.324	39.299	84.94	23.427	320.22	26.465	0.11
"2011-09-29	17:00:00"	2.4184	196.99	83.841	26.466	213.65	26.456	0
"2011-09-29	18:00:00"	10.351	11.793	85.413	23.364	312.38	26.456	0
"2011-09-29	19:00:00"	2.7396	346.72	82.972	26.348	59.797	26.459	0
"2011-09-29	20:00:00"	5.4513	337.66	76.855	34.971	8.5004	26.494	0
"2011-09-29	21:00:00"	7.5279	345.6	78.376	30.744	0.08967	26.545	0
"2011-09-29	22:00:00"	13.361	5.5554	77.367	33.352	0.09073	26.589	0
"2011-09-29	23:00:00"	9.1279	16.598	71.038	50.729	0.08606	26.63	0.06
"2011-09-30	00:00:00"	5.9509	45.018	69.876	54.939	0.09836	26.642	0
"2011-09-30	01:00:00"	7.5083	48.936	67.372	54.762	0.10147	26.651	0
"2011-09-30	02:00:00"	8.9384	48.916	64.985	56.364	0.12358	26.657	0
"2011-09-30	03:00:00"	9.3373	52.905	63.089	55.922	0.12846	26.683	0
"2011-09-30	04:00:00"	6.9662	41.831	60.435	58.858	0.11468	26.692	0
"2011-09-30	05:00:00"	11.381	44.26	61.284	51.919	0.1009	26.689	0
"2011-09-30	06:00:00"	12.059	49.478	61.825	47.49	0.14075	26.698	0
"2011-09-30	07:00:00"	11.328	41.935	58.943	48.823	0.11468	26.698	0
"2011-09-30	08:00:00"	10.86	40.692	56.75	49.388	3.8447	26.71	0
"2011-09-30	09:00:00"	10.819	43.566	56.972	45.317	103.9	26.722	0
"2011-09-30	10:00:00"	15.864	50.299	60.681	33.123	309.75	26.728	0
"2011-09-30	11:00:00"	15.998	63.376	63.715	26.885	525.31	26.734	0
"2011-09-30	12:00:00"	13.214	68.777	66.174	24.284	705.46	26.734	0
"2011-09-30	13:00:00"	12.207	73.42	68.712	21.747	827.52	26.719	0
"2011-09-30	14:00:00"	10.01	77.754	70.971	20.159	880	26.704	0
"2011-09-30	15:00:00"	7.7317	74.568	72.452	19.676	861.5	26.672	0
"2011-09-30	16:00:00"	7.2222	85.604	74.12	18.934	771.07	26.651	0
"2011-09-30	17:00:00"	6.6406	79.876	75.404	18.415	616.32	26.627	0
"2011-09-30	18:00:00"	7.2035	87.834	76.187	18.128	416.7	26.612	0
"2011-09-30	19:00:00"	7.0936	89.903	75.884	18.645	196.63	26.604	0
"2011-09-30	20:00:00"	5.5147	107.78	73.383	21.151	24.792	26.609	0
"2011-09-30	21:00:00"	4.0955	95.596	67.736	26.961	0.09242	26.612	0
"2011-09-30	22:00:00"	4.6348	101.9	64.062	31.549	0.13461	26.63	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-09-30	23:00:00"	6.4529	104.8	64.589	29.224	0.10514	26.639	0
"2011-10-01	00:00:00"	10.329	95.082	63.98	28.769	0.092	26.639	0
"2011-10-01	01:00:00"	5.0443	104.1	63.013	29.28	0.09158	26.63	0
"2011-10-01	02:00:00"	7.0513	128.57	63.872	25.856	0.12549	26.624	0
"2011-10-01	03:00:00"	4.7634	119.78	61.97	27.389	0.09645	26.624	0
"2011-10-01	04:00:00"	1.5298	30.616	57.796	34.616	0.1168	26.618	0
"2011-10-01	05:00:00"	0.99792	7.0138	54.42	40.277	0.12804	26.612	0
"2011-10-01	06:00:00"	0.81027	147.48	56.591	36.09	0.14075	26.621	0
"2011-10-01	07:00:00"	2.2612	167.44	57.96	33.603	0.11892	26.627	0
"2011-10-01	08:00:00"	4.0165	147.02	58.789	30.513	3.8553	26.639	0
"2011-10-01	09:00:00"	4.4086	142.93	60.496	27.561	112	26.66	0
"2011-10-01	10:00:00"	6.2709	123.93	64.26	25.129	326.28	26.672	0
"2011-10-01	11:00:00"	8.739	150.11	69.649	20.593	544.45	26.672	0
"2011-10-01	12:00:00"	9.8009	167.21	73.453	20.325	721.48	26.666	0
"2011-10-01	13:00:00"	9.1522	161.63	76.378	18.947	844.15	26.651	0
"2011-10-01	14:00:00"	9.5374	166.63	78.18	20.262	893.44	26.636	0
"2011-10-01	15:00:00"	9.0447	144.01	79.367	20.395	865.71	26.612	0
"2011-10-01	16:00:00"	8.4071	161.35	80.869	20.386	767.68	26.598	0
"2011-10-01	17:00:00"	9.4722	164.34	81.591	20.968	610.16	26.583	0
"2011-10-01	18:00:00"	9.4399	152.49	82.073	21.478	407.84	26.574	0
"2011-10-01	19:00:00"	9.7114	156.38	81.436	21.924	189.36	26.574	0
"2011-10-01	20:00:00"	7.2309	147.29	78.863	24.182	22.478	26.577	0
"2011-10-01	21:00:00"	5.3363	144.12	74.965	27.982	0.085	26.586	0
"2011-10-01	22:00:00"	7.3353	144.42	72.781	29.614	0.11235	26.595	0
"2011-10-01	23:00:00"	4.5174	169.06	71.052	31.344	0.07144	26.604	0
"2011-10-02	00:00:00"	6.0683	135.19	69.37	33.891	0.11426	26.598	0
"2011-10-02	01:00:00"	5.7732	142.42	67.813	36.595	0.07928	26.601	0
"2011-10-02	02:00:00"	5.117	129.36	66.138	38.936	0.08967	26.607	0
"2011-10-02	03:00:00"	5.7943	135.72	64.705	38.711	0.13567	26.607	0
"2011-10-02	04:00:00"	5.2879	134.32	63.82	38.947	0.10641	26.601	0
"2011-10-02	05:00:00"	2.3786	82.698	60.089	44.244	0.10641	26.601	0
"2011-10-02	06:00:00"	2.0748	130.56	58.881	46.727	0.12104	26.601	0
"2011-10-02	07:00:00"	3.6301	156.33	61.129	45.226	0.10875	26.615	0
"2011-10-02	08:00:00"	2.2158	64.697	58.223	49.311	3.9286	26.624	0
"2011-10-02	09:00:00"	3.4194	111.68	60.102	45.916	110.04	26.63	0
"2011-10-02	10:00:00"	7.2017	156.04	67.531	40.636	322.35	26.639	0
"2011-10-02	11:00:00"	8.496	187.62	72.711	36.534	539.64	26.648	0
"2011-10-02	12:00:00"	10.069	182.65	76.777	31.289	716.42	26.642	0
"2011-10-02	13:00:00"	9.681	175.83	79.794	27.21	835.95	26.63	0
"2011-10-02	14:00:00"	9.0229	171.38	81.613	24.229	884.73	26.607	0
"2011-10-02	15:00:00"	9.082	181.82	83.218	22.118	841.59	26.574	0
"2011-10-02	16:00:00"	9.4591	170.91	84.387	19.578	769.58	26.559	0
"2011-10-02	17:00:00"	9.3914	175.73	85.084	18.848	620.51	26.55	0
"2011-10-02	18:00:00"	9.4803	156.41	84.18	19.058	230.25	26.547	0
"2011-10-02	19:00:00"	9.7189	152.86	83.675	19.604	187.57	26.547	0
"2011-10-02	20:00:00"	8.2754	131.85	81.08	22.709	25.816	26.553	0
"2011-10-02	21:00:00"	9.1006	129.34	77.675	26.879	0.07864	26.568	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-02	22:00:00"	8.1605	142.78	74.768	31.41	0.09687	26.58	0
"2011-10-02	23:00:00"	7.513	152.64	72.498	35.074	0.09624	26.586	0
"2011-10-03	00:00:00"	6.5256	164.99	70.036	42.245	0.09581	26.586	0
"2011-10-03	01:00:00"	7.1954	174.01	68.626	47.859	0.10929	26.589	0
"2011-10-03	02:00:00"	5.4904	180.64	66.431	52.251	0.11913	26.592	0
"2011-10-03	03:00:00"	3.9227	185.99	64.602	56.425	0.11468	26.595	0
"2011-10-03	04:00:00"	4.331	193.96	64.111	57.792	0.10641	26.586	0
"2011-10-03	05:00:00"	3.6835	191.14	63.145	60.067	0.12083	26.583	0
"2011-10-03	06:00:00"	2.6129	166.41	61.146	63.392	0.09073	26.586	0
"2011-10-03	07:00:00"	3.2324	171.43	60.109	63.925	0.10917	26.595	0
"2011-10-03	08:00:00"	4.1141	173.9	59.75	61.606	3.5782	26.604	0
"2011-10-03	09:00:00"	6.4623	171.29	60.892	55.937	111.75	26.621	0
"2011-10-03	10:00:00"	10.801	181.31	66.276	44.337	326	26.636	0
"2011-10-03	11:00:00"	10.794	186.68	71.93	39.419	542.41	26.648	0
"2011-10-03	12:00:00"	13.303	170.97	75.71	32.934	723.23	26.639	0
"2011-10-03	13:00:00"	13.095	146.94	78.527	24.604	847.6	26.624	0
"2011-10-03	14:00:00"	13.43	155.58	79.516	21.911	896.64	26.604	0
"2011-10-03	15:00:00"	13.304	156.12	80.355	20.836	869.09	26.577	0
"2011-10-03	16:00:00"	13.162	157.28	80.813	21.063	769.31	26.565	0
"2011-10-03	17:00:00"	13.925	151.53	81.235	21.36	622.94	26.556	0
"2011-10-03	18:00:00"	13.435	145.05	80.727	20.622	406.51	26.547	0
"2011-10-03	19:00:00"	11.997	129.82	79.795	21.889	181.92	26.547	0
"2011-10-03	20:00:00"	10.236	125.5	77.138	25.162	14.29	26.556	0
"2011-10-03	21:00:00"	5.8769	117.83	72.51	29.844	0.10408	26.571	0
"2011-10-03	22:00:00"	7.9666	132.2	69.918	32.961	0.10281	26.586	0
"2011-10-03	23:00:00"	8.6799	151.36	68.942	35.576	0.10451	26.595	0
"2011-10-04	00:00:00"	7.2079	154.16	66.294	40.146	0.12274	26.598	0
"2011-10-04	01:00:00"	7.5186	156.9	65.096	42.911	0.1115	26.598	0
"2011-10-04	02:00:00"	6.5654	158.3	63.464	45.501	0.14372	26.592	0
"2011-10-04	03:00:00"	6.3889	157.23	62.182	47.226	0.14372	26.583	0
"2011-10-04	04:00:00"	6.7009	148.42	61.383	47.664	0.13545	26.571	0
"2011-10-04	05:00:00"	8.2232	133.48	61.457	46.261	0.15093	26.565	0
"2011-10-04	06:00:00"	8.4202	128.6	60.652	46.578	0.10747	26.565	0
"2011-10-04	07:00:00"	7.7361	117.65	58.509	50.049	0.12337	26.574	0
"2011-10-04	08:00:00"	8.2263	111.4	56.954	51.642	4.0804	26.577	0
"2011-10-04	09:00:00"	9.2336	116.98	57.636	50.43	107.27	26.592	0
"2011-10-04	10:00:00"	11.787	142.49	62.072	46.499	316.05	26.601	0
"2011-10-04	11:00:00"	15.478	151.01	66.421	44.273	532.97	26.604	0
"2011-10-04	12:00:00"	15.92	149.26	70.52	40.998	705.89	26.592	0
"2011-10-04	13:00:00"	16.051	150.09	73.836	35.925	818.9	26.577	0
"2011-10-04	14:00:00"	16.564	151.66	76.093	32.268	866.7	26.547	0
"2011-10-04	15:00:00"	15.179	145.14	77.356	29.179	843.47	26.524	0
"2011-10-04	16:00:00"	14.026	145.05	78.659	26.651	762.22	26.503	0
"2011-10-04	17:00:00"	14.343	148.05	78.665	26.006	366.73	26.48	0
"2011-10-04	18:00:00"	15.4	142.52	78.278	26.498	351.29	26.474	0
"2011-10-04	19:00:00"	16.208	148.76	77.455	28.231	170.68	26.465	0
"2011-10-04	20:00:00"	13.737	141.99	75.084	31.743	20.352	26.468	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-04	21:00:00"	11.317	141.01	72.832	34.276	0.09984	26.483	0
"2011-10-04	22:00:00"	9.4566	166.21	71.208	35.955	0.10429	26.509	0
"2011-10-04	23:00:00"	12.259	169.85	70.829	36.577	0.11807	26.512	0
"2011-10-05	00:00:00"	16.375	149.78	68.712	43.284	0.11426	26.477	0
"2011-10-05	01:00:00"	16.7	155.24	66.794	49.776	0.14861	26.483	0
"2011-10-05	02:00:00"	13.973	158.38	65.351	54.712	0.1115	26.483	0
"2011-10-05	03:00:00"	12.099	167.58	63.512	61.315	0.09624	26.465	0
"2011-10-05	04:00:00"	10.373	159.26	62.396	65.019	0.12592	26.465	0
"2011-10-05	05:00:00"	8.4867	159.65	61.11	65.942	0.13609	26.456	0
"2011-10-05	06:00:00"	8.1157	156.04	59.954	68.019	0.09115	26.456	0
"2011-10-05	07:00:00"	6.1286	140.58	59.704	68.273	0.10896	26.462	0
"2011-10-05	08:00:00"	9.1702	150.09	60.616	66.3	2.7091	26.456	0
"2011-10-05	09:00:00"	10.143	154.52	60.821	67.579	55.864	26.459	0
"2011-10-05	10:00:00"	15.251	177.95	62.32	69.484	208.69	26.474	0
"2011-10-05	11:00:00"	18.792	182.13	66.113	63.532	498.78	26.474	0
"2011-10-05	12:00:00"	20.467	182.88	69.801	56.364	609.36	26.462	0
"2011-10-05	13:00:00"	20.3	181.67	72.485	51.354	729.52	26.438	0
"2011-10-05	14:00:00"	17.657	179.22	75.553	46.647	787.6	26.406	0
"2011-10-05	15:00:00"	15.744	187.58	77.74	41.091	828.76	26.385	0
"2011-10-05	16:00:00"	13.895	188.99	79.44	36.267	745.92	26.37	0
"2011-10-05	17:00:00"	12.914	190.65	79.948	34.35	574.51	26.356	0
"2011-10-05	18:00:00"	13.418	183.26	80.071	33.479	353.14	26.344	0
"2011-10-05	19:00:00"	13.645	168.07	79.198	35.971	116.78	26.338	0
"2011-10-05	20:00:00"	12.982	160.49	76.863	41.978	9.1609	26.341	0
"2011-10-05	21:00:00"	15.084	151.85	74.96	48.409	0.10684	26.35	0
"2011-10-05	22:00:00"	17.736	152.48	73.413	52.6	0.08776	26.356	0
"2011-10-05	23:00:00"	17.249	156.57	72.194	55.624	0.11383	26.361	0
"2011-10-06	00:00:00"	17.086	161.72	70.884	57.197	0.10217	26.361	0
"2011-10-06	01:00:00"	15.408	169.43	69.531	58.625	0.11753	26.356	0
"2011-10-06	02:00:00"	13.2	176.63	68.253	61.013	0.10005	26.341	0
"2011-10-06	03:00:00"	12.444	176.74	67.241	62.939	0.09793	26.332	0
"2011-10-06	04:00:00"	11.802	174.62	66.395	64.192	0.11129	26.323	0
"2011-10-06	05:00:00"	10.583	178.71	65.225	66.455	0.11065	26.317	0
"2011-10-06	06:00:00"	9.8027	184.2	64.377	68.671	0.08988	26.314	0
"2011-10-06	07:00:00"	12.059	173.48	63.829	70.742	0.11426	26.326	0
"2011-10-06	08:00:00"	11.621	176.86	62.815	75.12	2.9082	26.329	0
"2011-10-06	09:00:00"	12.276	176.1	62.904	80.047	103.77	26.347	0
"2011-10-06	10:00:00"	14.463	178.55	65.686	75.611	310.63	26.347	0
"2011-10-06	11:00:00"	15.662	174.29	69.829	64.856	525.39	26.338	0
"2011-10-06	12:00:00"	16.952	169.39	74.578	53.599	698.49	26.32	0
"2011-10-06	13:00:00"	19.886	170.58	77.175	47.87	806.23	26.302	0
"2011-10-06	14:00:00"	19.924	174.62	78.995	44.115	858.66	26.296	0
"2011-10-06	15:00:00"	20.313	183.24	81.113	39.43	832.91	26.273	0
"2011-10-06	16:00:00"	18.671	181.62	83.241	35.314	735.82	26.249	0
"2011-10-06	17:00:00"	19.995	172.8	85.225	32.585	570.15	26.217	0
"2011-10-06	18:00:00"	22.545	157.23	86.131	31.047	362.09	26.202	0
"2011-10-06	19:00:00"	25.68	161.01	84.769	33.311	149.91	26.205	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-06	20:00:00"	23.534	167.28	81.884	38.81	15.023	26.234	0
"2011-10-06	21:00:00"	18.621	166.08	78.844	45.566	0.07652	26.261	0
"2011-10-06	22:00:00"	20.049	162.7	76.869	50.3	0.07822	26.273	0
"2011-10-06	23:00:00"	21.209	162.97	75.534	53.114	0.12719	26.282	0
"2011-10-07	00:00:00"	22.105	161.13	74.148	56.255	0.0956	26.285	0
"2011-10-07	01:00:00"	23.052	162.25	73.353	57.417	0.08225	26.261	0
"2011-10-07	02:00:00"	23.178	163.38	72.707	57.315	0.12528	26.261	0
"2011-10-07	03:00:00"	19.07	176.3	72.032	58.68	0.09666	26.296	0
"2011-10-07	04:00:00"	15.547	182.64	70.948	61.85	0.08903	26.299	0
"2011-10-07	05:00:00"	14.088	180.7	69.695	65.283	0.07483	26.302	0
"2011-10-07	06:00:00"	15.29	176.39	68.708	68.247	0.08564	26.311	0
"2011-10-07	07:00:00"	14.821	174.53	67.48	71.233	0.10048	26.32	0
"2011-10-07	08:00:00"	12.075	180.52	65.589	75.135	2.3691	26.335	0
"2011-10-07	09:00:00"	12.417	174.25	65.047	79.902	102.05	26.347	0
"2011-10-07	10:00:00"	17.122	173.81	67.576	78.61	297.3	26.367	0
"2011-10-07	11:00:00"	17.552	174.05	71.328	68.343	518.67	26.379	0
"2011-10-07	12:00:00"	16.016	180.36	74.678	58.803	696.47	26.367	0
"2011-10-07	13:00:00"	15.89	171.09	78.054	49.676	814.28	26.353	0
"2011-10-07	14:00:00"	14.879	176.21	81.402	39.2	862.44	26.329	0
"2011-10-07	15:00:00"	13.678	179.53	83.937	28.901	839.31	26.299	0
"2011-10-07	16:00:00"	14.57	165.83	85.52	26.436	736.39	26.279	0
"2011-10-07	17:00:00"	16.374	171.75	86.445	23.904	568.48	26.267	0
"2011-10-07	18:00:00"	17.797	160.62	86.146	27.605	352.47	26.249	0
"2011-10-07	19:00:00"	21.14	147.98	83.678	33.623	153.27	26.252	0
"2011-10-07	20:00:00"	19.976	144.29	79.951	40.161	12.109	26.264	0
"2011-10-07	21:00:00"	20.779	151.56	77.327	48.104	0.0903	26.273	0
"2011-10-07	22:00:00"	20.664	158.77	75.728	51.901	0.08161	26.279	0
"2011-10-07	23:00:00"	21.673	167.91	74.935	52.265	0.11807	26.291	0
"2011-10-08	00:00:00"	24.073	164.46	74.671	52.007	0.06995	26.279	0
"2011-10-08	01:00:00"	24.604	167.34	74.356	53.479	0.09454	26.294	0
"2011-10-08	02:00:00"	15.07	193.06	73.667	55.175	0.10027	26.308	0
"2011-10-08	03:00:00"	11.904	217.56	73.753	51.494	0.08394	26.329	0
"2011-10-08	04:00:00"	11.139	290.87	69.427	36.311	0.09815	26.341	0
"2011-10-08	05:00:00"	7.3558	295.66	64.632	41.53	0.11616	26.317	0
"2011-10-08	06:00:00"	7.1874	9.5797	59.402	53.438	0.11299	26.373	0
"2011-10-08	07:00:00"	7.3272	8.4481	56.246	59.246	0.12252	26.385	0
"2011-10-08	08:00:00"	6.2112	356.9	54.646	60.006	0.9626	26.391	0
"2011-10-08	09:00:00"	9.1559	358.17	55.327	49.68	70.713	26.418	0
"2011-10-08	10:00:00"	9.2093	23.034	58.214	39.995	306.76	26.459	0
"2011-10-08	11:00:00"	8.8123	34.635	60.621	33.472	365.33	26.468	0
"2011-10-08	12:00:00"	8.5177	19.996	62.48	29.833	503.18	26.447	0
"2011-10-08	13:00:00"	5.5016	14.588	66.945	25.327	819.41	26.426	0
"2011-10-08	14:00:00"	6.0354	290.22	70.548	22.951	866.92	26.409	0
"2011-10-08	15:00:00"	5.9012	283.44	71.784	22.243	836.51	26.376	0
"2011-10-08	16:00:00"	6.105	278.45	73.709	20.667	742.71	26.358	0
"2011-10-08	17:00:00"	4.0116	162.42	74.25	19.624	584.08	26.347	0
"2011-10-08	18:00:00"	4.2154	164.96	74.819	19.591	379.76	26.329	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-08	19:00:00"	4.1284	96.915	74.225	20.439	160.5	26.344	0
"2011-10-08	20:00:00"	14.534	113.1	67.145	37.741	9.3129	26.373	0
"2011-10-08	21:00:00"	11.73	100.93	62.337	46.162	0.08055	26.376	0
"2011-10-08	22:00:00"	9.9171	72.899	58.828	40.977	0.11977	26.415	0
"2011-10-08	23:00:00"	6.7742	56.06	56.193	57.435	0.14902	26.423	0
"2011-10-09	00:00:00"	5.5961	112.98	56.124	75.989	0.09815	26.459	0
"2011-10-09	01:00:00"	3.7396	39.54	55.445	81.437	0.11457	26.444	0
"2011-10-09	02:00:00"	4.8293	140.38	55.751	83.103	0.09772	26.444	0
"2011-10-09	03:00:00"	2.5868	313.25	55.825	85.065	0.0761	26.409	0
"2011-10-09	04:00:00"	4.7498	75.093	55.924	84.567	0.06487	26.412	0
"2011-10-09	05:00:00"	8.7651	35.386	55.009	85.454	0.08564	26.412	0
"2011-10-09	06:00:00"	9.3634	43.938	54.681	84.42	0.09603	26.423	0
"2011-10-09	07:00:00"	5.6775	34.272	54.462	84.554	0.10196	26.444	0
"2011-10-09	08:00:00"	6.0758	13.849	54.494	86.361	1.1831	26.462	0
"2011-10-09	09:00:00"	5.1157	13.327	55.326	87.791	62.708	26.483	0
"2011-10-09	10:00:00"	7.1725	16.287	58.348	81.685	187.34	26.506	0
"2011-10-09	11:00:00"	5.5346	2.8304	61.591	69.343	466.88	26.509	0
"2011-10-09	12:00:00"	6.1329	24.763	63.916	60.59	513.1	26.509	0
"2011-10-09	13:00:00"	6.6623	68.927	65.666	53.479	716.13	26.494	0
"2011-10-09	14:00:00"	4.9983	70.564	65.803	51.954	260.44	26.471	0
"2011-10-09	15:00:00"	6.6027	75.287	67.5	48.013	828.36	26.447	0
"2011-10-09	16:00:00"	8.9751	138.08	68.654	47.182	690.08	26.45	0
"2011-10-09	17:00:00"	6.4156	80.616	68.177	47.182	602.64	26.441	0
"2011-10-09	18:00:00"	7.0321	174.07	69.099	42.37	354.54	26.441	0
"2011-10-09	19:00:00"	3.9028	156.51	69.337	38.558	153.3	26.444	0
"2011-10-09	20:00:00"	4.2682	96.606	67.689	41.525	10.59	26.456	0
"2011-10-09	21:00:00"	5.3804	95.839	63.563	53.588	0.11977	26.477	0
"2011-10-09	22:00:00"	5.6135	77.912	60.368	60.734	0.11744	26.497	0
"2011-10-09	23:00:00"	6.2274	83.478	57.853	69.988	0.09793	26.503	0
"2011-10-10	00:00:00"	6.4616	73.257	55.977	75.757	0.09709	26.518	0
"2011-10-10	01:00:00"	8.3997	89.311	55.87	83.918	0.11701	26.518	0
"2011-10-10	02:00:00"	11.127	111.6	58.107	86.887	0.09327	26.518	0
"2011-10-10	03:00:00"	10.748	123.49	59.034	84.692	0.08797	26.515	0
"2011-10-10	04:00:00"	7.3365	129.17	58.868	86.391	0.07292	26.512	0
"2011-10-10	05:00:00"	7.4912	137.84	58.406	86.335	0.08098	26.509	0
"2011-10-10	06:00:00"	7.4303	148.38	58.4	85.565	0.0884	26.518	0
"2011-10-10	07:00:00"	7.0327	145.35	58.259	83.622	0.10557	26.518	0
"2011-10-10	08:00:00"	6.5325	155.73	58.069	82.357	0.75952	26.527	0
"2011-10-10	09:00:00"	7.0339	160.25	57.92	81.761	19.227	26.539	0
"2011-10-10	10:00:00"	5.5681	172.29	58.687	79.423	86.673	26.547	0
"2011-10-10	11:00:00"	7.1383	178.27	59.746	75.661	175.21	26.556	0
"2011-10-10	12:00:00"	7.0289	176.06	60.867	71.355	252.45	26.547	0
"2011-10-10	13:00:00"	7.8454	164.46	62.937	64.518	567.08	26.53	0
"2011-10-10	14:00:00"	8.5271	160.29	65.998	56.821	855.73	26.497	0
"2011-10-10	15:00:00"	9.1155	171	68.701	49.389	826.84	26.465	0
"2011-10-10	16:00:00"	8.3133	165.97	71.294	42.167	728.68	26.438	0
"2011-10-10	17:00:00"	7.7212	176.79	73.177	36.449	569.9	26.418	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-10	18:00:00"	9.1938	143.28	73.459	35.848	347.42	26.406	0
"2011-10-10	19:00:00"	8.9987	150.15	73.194	35.586	151.28	26.403	0
"2011-10-10	20:00:00"	9.7965	140.09	70.102	42.683	9.1035	26.412	0
"2011-10-10	21:00:00"	9.2311	132.15	66.596	49.291	0.13355	26.418	0
"2011-10-10	22:00:00"	9.6462	129.94	64.388	58.175	0.11934	26.432	0
"2011-10-10	23:00:00"	8.8875	129.85	62.529	64.266	0.08691	26.438	0
"2011-10-11	00:00:00"	9.0484	118.42	60.88	69.143	0.08924	26.438	0
"2011-10-11	01:00:00"	9.3601	130.94	59.575	78.752	0.10718	26.426	0
"2011-10-11	02:00:00"	8.6582	130.31	57.928	86.254	0.10493	26.418	0
"2011-10-11	03:00:00"	7.3322	130.89	56.812	89.326	0.08543	26.415	0
"2011-10-11	04:00:00"	6.3448	133.68	55.7	90.628	0.08628	26.397	0
"2011-10-11	05:00:00"	4.8566	116.34	54.595	91.303	0.06847	26.385	0
"2011-10-11	06:00:00"	3.0746	99.255	53.063	92.942	0.0814	26.391	0
"2011-10-11	07:00:00"	5.0971	129.57	55.242	93.782	0.05723	26.391	0
"2011-10-11	08:00:00"	10.473	181.61	57.927	91.642	0.74956	26.385	0
"2011-10-11	09:00:00"	12.638	182.68	60.152	88.81	33.023	26.385	0
"2011-10-11	10:00:00"	12.895	186.26	61.464	85.714	176.92	26.391	0
"2011-10-11	11:00:00"	10.379	186.7	65.333	74.495	484.92	26.394	0
"2011-10-11	12:00:00"	9.141	191.98	69.113	63.689	602.93	26.382	0
"2011-10-11	13:00:00"	9.4529	201.59	73.584	51.195	716.79	26.353	0
"2011-10-11	14:00:00"	9.123	203.48	76.959	42.598	825.73	26.329	0
"2011-10-11	15:00:00"	9.2416	222.53	79.896	35.358	802.03	26.296	0
"2011-10-11	16:00:00"	9.4194	229.54	82.507	26.927	699.34	26.27	0
"2011-10-11	17:00:00"	9.3759	262.88	84.582	18.966	559.66	26.252	0
"2011-10-11	18:00:00"	8.3767	244.99	84.277	20.111	316.1	26.243	0
"2011-10-11	19:00:00"	9.5163	242.76	83.732	18.157	160.68	26.246	0
"2011-10-11	20:00:00"	4.582	281.48	78.895	14.703	8.3323	26.252	0
"2011-10-11	21:00:00"	1.3415	147.22	72.04	19.377	0.08055	26.27	0
"2011-10-11	22:00:00"	3.5449	187.89	71.245	21.408	0.12782	26.288	0
"2011-10-11	23:00:00"	6.2789	195.55	67.369	56.821	0.08416	26.296	0
"2011-10-12	00:00:00"	7.3589	192.64	66.375	66.997	0.11532	26.302	0
"2011-10-12	01:00:00"	6.7071	193.3	64.372	74.925	0.12528	26.296	0
"2011-10-12	02:00:00"	5.2307	207.13	62.967	80.862	0.09327	26.296	0
"2011-10-12	03:00:00"	2.1624	253.41	59.799	86.21	0.08882	26.308	0
"2011-10-12	04:00:00"	2.2761	269.89	57.35	89.376	0.07186	26.311	0
"2011-10-12	05:00:00"	3.909	254.65	55.887	81.758	0.10451	26.308	0
"2011-10-12	06:00:00"	5.2643	306.52	53.087	61.771	0.13651	26.314	0
"2011-10-12	07:00:00"	8.7011	312.77	53.969	45.514	0.16174	26.317	0
"2011-10-12	08:00:00"	9.8928	316.37	55.324	41.024	2.0265	26.332	0
"2011-10-12	09:00:00"	11.844	329.67	57.863	38.529	96.715	26.347	0
"2011-10-12	10:00:00"	13.684	341.09	65.647	29.377	303.48	26.373	0
"2011-10-12	11:00:00"	14.239	350.16	72.096	23.023	518.33	26.391	0
"2011-10-12	12:00:00"	12.767	0.89235	76.419	20.288	690.53	26.403	0
"2011-10-12	13:00:00"	13.283	27.965	79.678	17.348	804.48	26.403	0
"2011-10-12	14:00:00"	11.515	26.594	81.106	15.789	847.82	26.4	0
"2011-10-12	15:00:00"	9.3137	11.94	81.525	15.192	818.53	26.388	0
"2011-10-12	16:00:00"	9.2702	338.71	82.556	14.501	719.78	26.376	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-12	17:00:00"	9.8562	350.06	82.953	12.964	563.07	26.385	0
"2011-10-12	18:00:00"	9.7723	337.26	82.708	12.596	361.38	26.394	0
"2011-10-12	19:00:00"	8.1033	3.6084	81.251	13.429	146.92	26.409	0
"2011-10-12	20:00:00"	3.7195	5.2473	73.266	17.849	6.7602	26.429	0
"2011-10-12	21:00:00"	4.582	18.788	66.005	24.15	0.11977	26.447	0
"2011-10-12	22:00:00"	4.4472	34.091	62.091	29.62	0.138	26.462	0
"2011-10-12	23:00:00"	4.7392	43.651	58.862	35.323	0.14224	26.474	0
"2011-10-13	00:00:00"	6.8612	66.575	60.901	42.11	0.12062	26.48	0
"2011-10-13	01:00:00"	5.9459	83.152	61.291	48.723	0.12486	26.48	0
"2011-10-13	02:00:00"	4.9268	80.674	59.555	56.39	0.1274	26.488	0
"2011-10-13	03:00:00"	2.0393	318.84	54.814	63.81	0.1611	26.5	0
"2011-10-13	04:00:00"	2.1667	324.18	52.69	71.204	0.12358	26.503	0
"2011-10-13	05:00:00"	1.4851	315.66	54.039	78.599	0.09412	26.506	0
"2011-10-13	06:00:00"	1.0731	343.9	53.82	83.116	0.07695	26.515	0
"2011-10-13	07:00:00"	1.2496	15.013	54.668	85.905	0.06381	26.53	0
"2011-10-13	08:00:00"	4.4403	73.567	54.357	86.106	1.397	26.53	0
"2011-10-13	09:00:00"	5.9931	57.431	53.344	86.2	85.933	26.539	0
"2011-10-13	10:00:00"	9.0658	87.059	60.627	71.705	289.19	26.547	0
"2011-10-13	11:00:00"	8.3767	116.03	66.53	53.43	501.82	26.547	0
"2011-10-13	12:00:00"	11.602	168.34	70.275	42.931	674.31	26.539	0
"2011-10-13	13:00:00"	12.038	172.15	72.783	38.67	785.09	26.518	0
"2011-10-13	14:00:00"	11.966	178.33	75.121	35.696	828.67	26.491	0
"2011-10-13	15:00:00"	12.001	190.51	76.93	31.107	804.2	26.453	0
"2011-10-13	16:00:00"	12.004	192.44	78.765	27.088	708.32	26.423	0
"2011-10-13	17:00:00"	12.219	198.52	80.142	22.777	553.33	26.415	0
"2011-10-13	18:00:00"	11.249	200.78	80.744	20.635	351.85	26.397	0
"2011-10-13	19:00:00"	11.711	187.9	79.897	19.749	140.85	26.394	0
"2011-10-13	20:00:00"	6.3647	169.84	75.407	21.967	5.723	26.394	0
"2011-10-13	21:00:00"	7.2526	156.88	70.848	24.196	0.10027	26.403	0
"2011-10-13	22:00:00"	7.8622	154.61	68.039	25.695	0.10345	26.412	0
"2011-10-13	23:00:00"	6.6145	156.96	65.248	29.501	0.09412	26.418	0
"2011-10-14	00:00:00"	5.8378	166.02	63.608	32.922	0.12528	26.415	0
"2011-10-14	01:00:00"	7.1079	182.13	62.747	38.267	0.13164	26.406	0
"2011-10-14	02:00:00"	7.1743	185.41	62.671	41.031	0.11913	26.4	0
"2011-10-14	03:00:00"	5.2643	177.18	59.986	46.201	0.15369	26.394	0
"2011-10-14	04:00:00"	7.6994	190.25	60.198	49.558	0.1009	26.385	0
"2011-10-14	05:00:00"	5.9714	206.43	59.126	52.84	0.15199	26.376	0
"2011-10-14	06:00:00"	5.7688	225.11	57.765	55.055	0.13164	26.379	0
"2011-10-14	07:00:00"	4.4266	229.95	56.548	58.631	0.11277	26.385	0
"2011-10-14	08:00:00"	3.5263	243.57	54.274	63.754	1.5059	26.397	0
"2011-10-14	09:00:00"	3.5437	236.45	55.043	63.371	92.582	26.409	0
"2011-10-14	10:00:00"	6.4399	222.48	59.591	56.387	298.58	26.426	0
"2011-10-14	11:00:00"	6.4212	220.57	66.182	43.129	513.79	26.435	0
"2011-10-14	12:00:00"	6.3597	222.75	74.094	29.879	685.82	26.438	0
"2011-10-14	13:00:00"	5.6613	231.75	80.985	19.988	801.58	26.426	0
"2011-10-14	14:00:00"	5.9627	253.46	86.721	12.588	848.04	26.4	0
"2011-10-14	15:00:00"	6.896	264.16	88.84	10.151	819.86	26.376	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-14	16:00:00"	7.2067	276.28	89.534	9.5425	720.51	26.358	0
"2011-10-14	17:00:00"	6.1534	266.16	89.782	8.8822	560.91	26.356	0
"2011-10-14	18:00:00"	5.3624	271.14	89.907	8.7975	355.82	26.358	0
"2011-10-14	19:00:00"	4.2918	238.74	88.111	9.4489	140.52	26.361	0
"2011-10-14	20:00:00"	4.7268	197.53	84.222	10.769	5.3841	26.373	0
"2011-10-14	21:00:00"	1.9269	189.74	78.382	13.699	0.14118	26.388	0
"2011-10-14	22:00:00"	3.0391	312.25	70.888	18.673	0.14266	26.418	0
"2011-10-14	23:00:00"	7.7622	167.69	76.718	23.203	0.10387	26.453	0
"2011-10-15	00:00:00"	4.5994	46.961	70.321	30.785	0.13143	26.465	0
"2011-10-15	01:00:00"	5.0712	27.742	63.46	38.5	0.12726	26.459	0
"2011-10-15	02:00:00"	4.1775	48.89	59.477	43.967	0.12401	26.462	0
"2011-10-15	03:00:00"	5.1829	22.886	57.918	48.081	0.1628	26.474	0
"2011-10-15	04:00:00"	5.7284	17.489	56.938	51.658	0.14796	26.465	0
"2011-10-15	05:00:00"	6.85	15.563	56.206	53.923	0.13037	26.468	0
"2011-10-15	06:00:00"	7.6919	15.338	54.4	58.421	0.13694	26.471	0
"2011-10-15	07:00:00"	8.3972	14.297	52.996	65.2	0.10853	26.485	0
"2011-10-15	08:00:00"	9.3473	5.063	52.705	68.878	1.3779	26.5	0
"2011-10-15	09:00:00"	10.458	7.3081	53.709	67.583	87.615	26.524	0
"2011-10-15	10:00:00"	11.324	20.814	58.962	58.591	288.95	26.547	0
"2011-10-15	11:00:00"	8.8837	37.338	63.708	50.821	496.42	26.556	0
"2011-10-15	12:00:00"	8.0374	50.925	68.696	43.186	686.86	26.553	0
"2011-10-15	13:00:00"	7.9598	55.098	73.23	36.363	802.42	26.55	0
"2011-10-15	14:00:00"	6.6735	58.284	76.808	30.111	842.16	26.527	0
"2011-10-15	15:00:00"	5.3848	84.043	79.462	26.208	823.94	26.506	0
"2011-10-15	16:00:00"	5.8508	113.42	81.884	23.251	708.05	26.491	0
"2011-10-15	17:00:00"	7.4937	137.66	83.308	20.941	547.42	26.485	0
"2011-10-15	18:00:00"	7.9268	143.53	83.67	19.616	342.83	26.477	0
"2011-10-15	19:00:00"	7.9716	151.77	82.579	19.442	131.65	26.48	0
"2011-10-15	20:00:00"	7.6429	131.29	78.515	25.171	4.5196	26.485	0
"2011-10-15	21:00:00"	7.0917	125.6	75.77	28.815	0.09348	26.5	0
"2011-10-15	22:00:00"	7.9666	135.36	72.954	32.208	0.11765	26.512	0
"2011-10-15	23:00:00"	6.9438	150.97	69.888	34.839	0.12443	26.524	0
"2011-10-16	00:00:00"	8.6414	157.01	67.578	39.118	0.11977	26.524	0
"2011-10-16	01:00:00"	6.6055	169.6	64.75	44.442	0.1169	26.524	0
"2011-10-16	02:00:00"	4.1209	175.57	62.767	48.358	0.15093	26.518	0
"2011-10-16	03:00:00"	4.6926	167.18	61.614	52.06	0.1539	26.515	0
"2011-10-16	04:00:00"	3.0074	164.1	60.214	55.689	0.1291	26.503	0
"2011-10-16	05:00:00"	1.6342	165.5	58.235	60.283	0.11638	26.497	0
"2011-10-16	06:00:00"	2.3966	188.27	58.644	61.8	0.13376	26.5	0
"2011-10-16	07:00:00"	3.484	228.97	59.043	62.793	0.16153	26.506	0
"2011-10-16	08:00:00"	3.9805	208.42	58.679	64.206	1.2649	26.506	0
"2011-10-16	09:00:00"	5.9956	208.74	59.278	64.211	85.935	26.518	0
"2011-10-16	10:00:00"	6.31	208.61	62.173	58.7	286.22	26.533	0
"2011-10-16	11:00:00"	8.3127	215.89	66.961	49.565	500.43	26.536	0
"2011-10-16	12:00:00"	7.439	199.7	72.826	39.779	673.68	26.527	0
"2011-10-16	13:00:00"	6.7723	201.09	78.776	29.698	789.57	26.512	0
"2011-10-16	14:00:00"	7.8442	210.69	84.048	22.113	834.28	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-16	15:00:00"	8.4811	218.57	87.132	17.107	805.98	26.453	0
"2011-10-16	16:00:00"	7.9834	205.89	88.203	14.961	704.87	26.432	0
"2011-10-16	17:00:00"	7.7261	218.55	89.708	11.713	546.86	26.418	0
"2011-10-16	18:00:00"	5.5004	217.81	89.893	10.571	345.06	26.406	0
"2011-10-16	19:00:00"	4.971	230.44	88.505	10.547	132.94	26.4	0
"2011-10-16	20:00:00"	2.5532	215.03	83.624	12.254	4.2248	26.412	0
"2011-10-16	21:00:00"	3.1696	208.31	78.174	14.568	0.1079	26.423	0
"2011-10-16	22:00:00"	7.1613	190.14	75.973	17.655	0.11108	26.426	0
"2011-10-16	23:00:00"	9.6275	189.52	71.286	27.693	0.12125	26.432	0
"2011-10-17	00:00:00"	8.5171	192.52	69.348	33.581	0.11023	26.432	0
"2011-10-17	01:00:00"	7.9051	194.6	67.784	36.428	0.1009	26.423	0
"2011-10-17	02:00:00"	8.834	193.1	65.741	43.325	0.12952	26.412	0
"2011-10-17	03:00:00"	7.4111	196.45	63.61	52.593	0.12083	26.403	0
"2011-10-17	04:00:00"	6.6946	202.3	62.089	57.557	0.12337	26.382	0
"2011-10-17	05:00:00"	4.4683	236.12	59.099	61.638	0.11426	26.373	0
"2011-10-17	06:00:00"	3.238	252.57	56.694	69.559	0.10832	26.376	0
"2011-10-17	07:00:00"	3.269	246.28	55.853	73.503	0.09581	26.373	0
"2011-10-17	08:00:00"	2.373	246.78	54.625	77.672	1.154	26.373	0
"2011-10-17	09:00:00"	1.7249	260.41	56.212	74.722	83.386	26.376	0
"2011-10-17	10:00:00"	3.8444	272.36	63.7	52.674	281.77	26.388	0
"2011-10-17	11:00:00"	4.3701	253.36	73.568	32.128	495.91	26.373	0
"2011-10-17	12:00:00"	7.5124	269.38	84.242	14.294	668.72	26.361	0
"2011-10-17	13:00:00"	11.6	296.71	87.822	11.651	782.9	26.338	0
"2011-10-17	14:00:00"	13.813	296.9	88.467	11.42	828.81	26.308	0
"2011-10-17	15:00:00"	14.057	289.42	89.328	10.71	804.92	26.279	0
"2011-10-17	16:00:00"	14.776	287.19	89.779	10.131	705.46	26.264	0
"2011-10-17	17:00:00"	14.49	284.17	90.324	9.4236	542.16	26.27	0
"2011-10-17	18:00:00"	17.931	315.16	89.835	9.7011	330.93	26.288	0
"2011-10-17	19:00:00"	21.281	324.95	87.243	10.401	112.18	26.323	0
"2011-10-17	20:00:00"	24.043	357.54	77.592	19.06	4.5094	26.385	0
"2011-10-17	21:00:00"	21.403	19.617	67.849	31.903	0.11892	26.429	0
"2011-10-17	22:00:00"	20.065	25.125	64.726	35.652	0.12528	26.456	0
"2011-10-17	23:00:00"	18.371	24.375	61.547	40.785	0.17298	26.488	0
"2011-10-18	00:00:00"	14.205	27.723	58.666	45.309	0.15241	26.509	0
"2011-10-18	01:00:00"	15.303	13.343	57.005	49.323	0.10875	26.533	0
"2011-10-18	02:00:00"	13.852	7.9776	54.655	53.319	0.15135	26.542	0
"2011-10-18	03:00:00"	18.554	9.0358	51.451	53.706	0.16068	26.527	0
"2011-10-18	04:00:00"	16.813	12.44	49.181	58.643	0.18188	26.58	0
"2011-10-18	05:00:00"	12.548	351.18	47.637	61.901	0.14033	26.609	0
"2011-10-18	06:00:00"	11.18	345.6	45.473	66.459	0.17086	26.633	0
"2011-10-18	07:00:00"	9.745	334.79	43.49	70.435	0.13779	26.639	0
"2011-10-18	08:00:00"	6.7437	321.65	41.484	74.6	1.0451	26.657	0
"2011-10-18	09:00:00"	7.0762	320.51	42.239	73.403	80.169	26.686	0
"2011-10-18	10:00:00"	12.365	343.91	46.944	63.079	277.06	26.707	0
"2011-10-18	11:00:00"	11.679	348.13	49.763	57.473	490.41	26.713	0
"2011-10-18	12:00:00"	11.313	349.95	53.382	47.355	664.2	26.71	0
"2011-10-18	13:00:00"	14.135	8.7526	57.489	33.766	778.99	26.695	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-18	14:00:00"	15.089	14.368	60.128	28.061	822.87	26.672	0
"2011-10-18	15:00:00"	15.183	7.0306	62.004	25.188	793.27	26.645	0
"2011-10-18	16:00:00"	14.365	13.974	63.369	22.878	691.97	26.63	0
"2011-10-18	17:00:00"	14.371	8.2373	64.385	22.155	528.98	26.627	0
"2011-10-18	18:00:00"	12.861	10.942	64.36	22.661	323.16	26.624	0
"2011-10-18	19:00:00"	11.31	9.9552	63.173	23.684	115.93	26.636	0
"2011-10-18	20:00:00"	5.2419	8.8729	59.048	26.663	4.5328	26.645	0
"2011-10-18	21:00:00"	2.6731	5.3193	52.514	33.479	0.15517	26.648	0
"2011-10-18	22:00:00"	3.4685	11.574	49.545	37.533	0.17594	26.657	0
"2011-10-18	23:00:00"	5.0667	358.9	47.209	39.816	0.19841	26.663	0
"2011-10-19	00:00:00"	6.251	354.6	45.297	40.618	0.15453	26.672	0
"2011-10-19	01:00:00"	7.0805	353.03	44.529	40.623	0.17022	26.663	0
"2011-10-19	02:00:00"	7.0047	344.81	42.716	43.09	0.16004	26.666	0
"2011-10-19	03:00:00"	7.9827	346.85	42.076	43.6	0.20096	26.66	0
"2011-10-19	04:00:00"	5.9794	333.29	40.089	46.457	0.20689	26.654	0
"2011-10-19	05:00:00"	5.1766	319.55	40.194	46.135	0.16153	26.645	0
"2011-10-19	06:00:00"	3.5636	298.02	38.512	49.079	0.1751	26.654	0
"2011-10-19	07:00:00"	3.8568	307.11	38.615	49.378	0.23551	26.651	0
"2011-10-19	08:00:00"	4.9523	292.87	38.021	50.429	1.0353	26.663	0
"2011-10-19	09:00:00"	3.9948	289.01	38.86	49.675	80.41	26.677	0
"2011-10-19	10:00:00"	4.2533	280.69	48.763	34.759	276.81	26.689	0
"2011-10-19	11:00:00"	4.8131	223.45	55.725	26.442	488.37	26.677	0
"2011-10-19	12:00:00"	5.9906	210.86	59.437	21.663	664.62	26.669	0
"2011-10-19	13:00:00"	6.0099	206.65	61.953	19.389	780.51	26.642	0
"2011-10-19	14:00:00"	6.4343	209.28	63.665	18.538	822.38	26.604	0
"2011-10-19	15:00:00"	5.9459	207.96	65.11	18.037	796.02	26.571	0
"2011-10-19	16:00:00"	5.3158	206.71	66.853	17.273	696.36	26.545	0
"2011-10-19	17:00:00"	6.7189	187.35	67.408	17.247	535.08	26.524	0
"2011-10-19	18:00:00"	5.7266	193.55	67.904	17.278	330.17	26.515	0
"2011-10-19	19:00:00"	6.648	180.37	67.048	17.979	119.18	26.506	0
"2011-10-19	20:00:00"	4.9834	150.59	63.651	20.638	3.4445	26.503	0
"2011-10-19	21:00:00"	6.1671	137.86	61.35	22.259	0.1645	26.5	0
"2011-10-19	22:00:00"	8.0101	135.87	59.644	23.794	0.12443	26.497	0
"2011-10-19	23:00:00"	9.2006	141.4	57.833	25.456	0.14521	26.494	0
"2011-10-20	00:00:00"	7.8771	141.67	55.493	28.283	0.1628	26.48	0
"2011-10-20	01:00:00"	6.5515	140.77	54.119	30.432	0.16319	26.468	0
"2011-10-20	02:00:00"	6.5921	136.03	54.015	30.912	0.12337	26.462	0
"2011-10-20	03:00:00"	6.3249	136.98	53.066	32.125	0.13842	26.456	0
"2011-10-20	04:00:00"	4.0551	137.68	51.461	33.927	0.16195	26.441	0
"2011-10-20	05:00:00"	2.291	226.86	48.142	37.541	0.18379	26.429	0
"2011-10-20	06:00:00"	2.117	201.52	49.194	35.729	0.17107	26.432	0
"2011-10-20	07:00:00"	4.2539	190.96	48.955	35.813	0.17192	26.426	0
"2011-10-20	08:00:00"	5.8831	202.77	49.253	35.444	0.97193	26.432	0
"2011-10-20	09:00:00"	6.1553	219.85	49.016	36.106	76.411	26.444	0
"2011-10-20	10:00:00"	8.4674	220.36	52	33.711	273.46	26.459	0
"2011-10-20	11:00:00"	10.479	218.69	59.514	26.906	488.78	26.462	0
"2011-10-20	12:00:00"	8.7017	239.15	68.451	20.858	664.7	26.459	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-20	13:00:00"	8.8806	268.34	77.652	15.545	775.15	26.441	0
"2011-10-20	14:00:00"	13.355	294.58	82.871	12.548	820.52	26.415	0
"2011-10-20	15:00:00"	13.412	292.58	84.89	11.286	794.43	26.394	0
"2011-10-20	16:00:00"	14.137	298.41	86.223	9.5564	692.9	26.391	0
"2011-10-20	17:00:00"	12.829	296.93	86.445	9.5789	526.04	26.391	0
"2011-10-20	18:00:00"	11.864	297.33	86.072	9.4133	322.69	26.397	0
"2011-10-20	19:00:00"	6.159	275.3	84.094	10.097	112.29	26.406	0
"2011-10-20	20:00:00"	2.1065	291.68	76.152	13.719	3.369	26.429	0
"2011-10-20	21:00:00"	2.3047	314.1	69.163	16.279	0.1009	26.447	0
"2011-10-20	22:00:00"	2.1642	327.22	67.171	16.951	0.13694	26.462	0
"2011-10-20	23:00:00"	6.2311	60.886	66.625	18.775	0.16852	26.474	0
"2011-10-21	00:00:00"	6.4838	69.208	64.646	21.592	0.13291	26.477	0
"2011-10-21	01:00:00"	5.1927	45.472	56.643	28.467	0.13804	26.474	0
"2011-10-21	02:00:00"	5.8956	39.912	53.692	32.31	0.15284	26.477	0
"2011-10-21	03:00:00"	6.3983	38.182	53.239	33.301	0.16153	26.48	0
"2011-10-21	04:00:00"	5.6234	38.38	51.795	35.941	0.17637	26.48	0
"2011-10-21	05:00:00"	4.3974	358.63	51.565	37.495	0.15093	26.485	0
"2011-10-21	06:00:00"	5.1686	5.3297	49.36	42.116	0.15263	26.491	0
"2011-10-21	07:00:00"	6.6344	3.1902	49.302	43.941	0.20435	26.506	0
"2011-10-21	08:00:00"	7.8883	355.07	48.743	45.495	0.82227	26.518	0
"2011-10-21	09:00:00"	5.9602	353.66	50.398	44	73.482	26.545	0
"2011-10-21	10:00:00"	7.6584	5.1755	58.218	35.029	267.43	26.565	0
"2011-10-21	11:00:00"	5.2953	11.934	67.031	26.779	479.88	26.571	0
"2011-10-21	12:00:00"	4.7814	42.313	72.269	22.063	651.52	26.565	0
"2011-10-21	13:00:00"	4.5459	50.518	78.082	16.959	766.74	26.55	0
"2011-10-21	14:00:00"	4.4931	80.004	81.793	13.363	805.89	26.527	0
"2011-10-21	15:00:00"	3.8823	94.687	84.071	11.451	776.04	26.503	0
"2011-10-21	16:00:00"	3.7313	109.67	85.509	10.456	678.57	26.488	0
"2011-10-21	17:00:00"	3.8556	107.02	85.813	10.223	516.18	26.477	0
"2011-10-21	18:00:00"	6.712	182.65	85.31	10.915	311.22	26.471	0
"2011-10-21	19:00:00"	6.571	153.76	83.349	11.354	107.56	26.471	0
"2011-10-21	20:00:00"	6.1516	119.43	77.168	15.765	3.0001	26.48	0
"2011-10-21	21:00:00"	5.4737	81.517	69.227	22.547	0.10048	26.488	0
"2011-10-21	22:00:00"	6.896	99.86	67.507	25.367	0.1185	26.494	0
"2011-10-21	23:00:00"	7.6068	107.08	65.98	29.611	0.12528	26.491	0
"2011-10-22	00:00:00"	9.259	113.85	65.667	37.392	0.10747	26.483	0
"2011-10-22	01:00:00"	6.8854	111.82	62.453	46.267	0.13906	26.477	0
"2011-10-22	02:00:00"	2.2351	61.683	57.947	53.918	0.12062	26.468	0
"2011-10-22	03:00:00"	1.0377	98.525	52.715	60.038	0.14245	26.459	0
"2011-10-22	04:00:00"	4.5298	209.68	58.579	45.782	0.18294	26.462	0
"2011-10-22	05:00:00"	3.517	305.02	52.579	56.009	0.15792	26.462	0
"2011-10-22	06:00:00"	4.0458	321.13	47.728	65.709	0.12146	26.48	0
"2011-10-22	07:00:00"	6.7984	334.06	46.822	68.949	0.17531	26.477	0
"2011-10-22	08:00:00"	5.1698	315.52	48.37	66.504	0.775	26.477	0
"2011-10-22	09:00:00"	8.8881	328.03	53.702	48.777	74.545	26.488	0
"2011-10-22	10:00:00"	11.23	327.63	65.469	23.305	268.27	26.5	0
"2011-10-22	11:00:00"	10.517	323.37	73.775	16.038	479.85	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-22	12:00:00"	10.745	310.16	79.186	12.704	653.56	26.5	0
"2011-10-22	13:00:00"	10.414	307.26	82.636	10.166	767.63	26.483	0
"2011-10-22	14:00:00"	10.536	281.59	83.682	9.7806	811.12	26.462	0
"2011-10-22	15:00:00"	12.233	287.87	83.865	10.036	780.08	26.441	0
"2011-10-22	16:00:00"	12.401	287.85	84.428	9.4258	686.83	26.429	0
"2011-10-22	17:00:00"	14.04	298.62	84.807	8.0586	527.82	26.423	0
"2011-10-22	18:00:00"	12.058	299.42	84.183	8.1489	320.48	26.42	0
"2011-10-22	19:00:00"	7.0196	317.22	82.084	9.2803	109.75	26.426	0
"2011-10-22	20:00:00"	3.1106	6.9262	71.109	13.916	2.5849	26.435	0
"2011-10-22	21:00:00"	3.0081	14.113	64.743	17.798	0.10981	26.447	0
"2011-10-22	22:00:00"	2.9093	14.763	62.321	20.421	0.11892	26.459	0
"2011-10-22	23:00:00"	5.0704	8.9639	62.297	20.429	0.16958	26.474	0
"2011-10-23	00:00:00"	5.3382	21.889	59.667	25.288	0.11574	26.477	0
"2011-10-23	01:00:00"	5.0872	32.942	57.051	33.027	0.19057	26.48	0
"2011-10-23	02:00:00"	6.6468	23.463	55.533	38.315	0.16428	26.483	0
"2011-10-23	03:00:00"	6.7673	30.026	53.627	44.175	0.177	26.485	0
"2011-10-23	04:00:00"	7.6043	25.677	53.581	48.457	0.13715	26.485	0
"2011-10-23	05:00:00"	7.7025	27.472	53.587	54.302	0.1433	26.488	0
"2011-10-23	06:00:00"	7.2992	34.637	51.165	61.549	0.16407	26.503	0
"2011-10-23	07:00:00"	5.7508	6.9394	51.187	66.118	0.11383	26.524	0
"2011-10-23	08:00:00"	5.8241	351.67	48.917	71.721	0.66731	26.536	0
"2011-10-23	09:00:00"	6.1236	343.74	49.42	73.099	69.656	26.565	0
"2011-10-23	10:00:00"	6.4511	313.85	54.06	63.811	257.89	26.598	0
"2011-10-23	11:00:00"	3.7456	7.2032	61.086	57.432	465.79	26.612	0
"2011-10-23	12:00:00"	3.0342	84.883	65.91	50.646	634.83	26.609	0
"2011-10-23	13:00:00"	4.2794	122.35	70.061	43.185	750.42	26.595	0
"2011-10-23	14:00:00"	3.4057	127.49	73.491	33.915	795.93	26.574	0
"2011-10-23	15:00:00"	5.2556	113.55	75.92	27.514	760.55	26.55	0
"2011-10-23	16:00:00"	4.2527	130.08	77.754	23.522	667.3	26.536	0
"2011-10-23	17:00:00"	6.3324	169.73	78.661	21.444	507.38	26.53	0
"2011-10-23	18:00:00"	6.3082	165.98	78.69	20.671	304.92	26.533	0
"2011-10-23	19:00:00"	5.8309	146.8	77.609	21.621	100.83	26.536	0
"2011-10-23	20:00:00"	1.1166	92.005	72.34	25.375	2.1825	26.55	0
"2011-10-23	21:00:00"	1.3788	112.3	67.092	30.898	0.10578	26.568	0
"2011-10-23	22:00:00"	3.8929	98.466	65.781	31.104	0.12083	26.58	0
"2011-10-23	23:00:00"	5.0156	114.75	66.074	31.461	0.13164	26.592	0
"2011-10-24	00:00:00"	9.0024	130.75	67.347	29.762	0.13164	26.592	0
"2011-10-24	01:00:00"	10.65	128.62	64.906	35.633	0.15897	26.589	0
"2011-10-24	02:00:00"	10.124	129.25	63.383	41.419	0.12337	26.589	0
"2011-10-24	03:00:00"	8.8502	127.62	61.141	48.113	0.14711	26.586	0
"2011-10-24	04:00:00"	6.6679	130.94	58.687	54.227	0.14902	26.586	0
"2011-10-24	05:00:00"	6.1323	126.54	57.867	58.899	0.11256	26.58	0
"2011-10-24	06:00:00"	2.4743	92.369	54.076	65.244	0.16428	26.58	0
"2011-10-24	07:00:00"	2.0574	72.693	51.679	71.009	0.12719	26.592	0
"2011-10-24	08:00:00"	2.6265	90.911	51.072	75.51	0.60435	26.601	0
"2011-10-24	09:00:00"	6.4977	115.28	53.69	76.568	65.266	26.615	0
"2011-10-24	10:00:00"	9.5443	138.9	60.468	68.216	254.23	26.624	0

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"2011-10-24	11:00:00"	13.082	155.87	67.283	54.084	465.15	26.624	0
"2011-10-24	12:00:00"	16.931	177.31	73.55	40.826	635.56	26.624	0
"2011-10-24	13:00:00"	15.838	181.41	77.461	31.263	748.05	26.604	0
"2011-10-24	14:00:00"	16.921	177.81	80.111	23.875	792.91	26.577	0
"2011-10-24	15:00:00"	16.229	181.94	81.495	20.704	763.76	26.542	0
"2011-10-24	16:00:00"	17.284	176.08	82.112	20.751	660.14	26.533	0
"2011-10-24	17:00:00"	15.632	174.69	82.962	18.863	499.16	26.509	0
"2011-10-24	18:00:00"	15.284	172.24	83.022	16.653	297.81	26.503	0
"2011-10-24	19:00:00"	13.679	165.12	81.321	17	93.485	26.503	0
"2011-10-24	20:00:00"	9.8848	153.02	76.526	20.516	1.5167	26.506	0
"2011-10-24	21:00:00"	9.9593	144.94	73.371	23.618	0.11341	26.515	0
"2011-10-24	22:00:00"	10.3	152.78	70.703	28.151	0.12062	26.521	0
"2011-10-24	23:00:00"	12.541	159.81	70.312	31.434	0.12804	26.521	0
"2011-10-25	00:00:00"	15.972	168.07	70.349	35.486	0.12973	26.509	0
"2011-10-25	01:00:00"	12.164	179.04	68.207	42.482	0.11553	26.509	0
"2011-10-25	02:00:00"	9.3044	181.31	66.39	48.829	0.10133	26.5	0
"2011-10-25	03:00:00"	11.661	189.84	65.644	52.373	0.12528	26.497	0
"2011-10-25	04:00:00"	10.661	190.81	64.283	56.634	0.12698	26.485	0
"2011-10-25	05:00:00"	7.0059	210.79	61.773	61.557	0.14521	26.477	0
"2011-10-25	06:00:00"	4.6392	224.4	59.926	65.293	0.14923	26.48	0
"2011-10-25	07:00:00"	5.0157	201.37	59.475	66.229	0.12295	26.471	0
"2011-10-25	08:00:00"	6.717	193.63	58.542	67.749	0.45109	26.48	0
"2011-10-25	09:00:00"	3.7767	233.7	57.554	69.306	57.73	26.494	0
"2011-10-25	10:00:00"	4.8162	221.47	60.939	62.145	230.69	26.509	0
"2011-10-25	11:00:00"	6.4262	217.98	64.782	52.837	291.65	26.512	0
"2011-10-25	12:00:00"	7.6	215.71	72.278	38.679	629.1	26.503	0
"2011-10-25	13:00:00"	9.1938	229.55	79.929	28.059	731.22	26.485	0
"2011-10-25	14:00:00"	8.7483	262.98	84.16	23.959	773.41	26.453	0
"2011-10-25	15:00:00"	8.6967	247.25	85.824	21.227	742.62	26.426	0
"2011-10-25	16:00:00"	8.6774	233.14	86.824	19.674	631.77	26.397	0
"2011-10-25	17:00:00"	11.063	237.14	88.424	17.064	534.66	26.382	0
"2011-10-25	18:00:00"	9.858	262.46	87.125	16.975	212.52	26.37	0
"2011-10-25	19:00:00"	5.5227	250.21	85.041	19.456	73.767	26.37	0
"2011-10-25	20:00:00"	2.2245	238.86	78.588	24.344	1.3592	26.379	0
"2011-10-25	21:00:00"	1.4559	248.59	75.256	27.89	0.11277	26.382	0
"2011-10-25	22:00:00"	4.5441	264.98	73.351	31.643	0.10747	26.385	0
"2011-10-25	23:00:00"	6.343	280.9	72.809	32.413	0.11299	26.391	0
"2011-10-26	00:00:00"	9.84	169.04	72.904	34.942	0.12549	26.403	0
"2011-10-26	01:00:00"	8.5501	181.59	71.363	40.475	0.08946	26.394	0
"2011-10-26	02:00:00"	7.0731	183.41	69.75	45.288	0.14224	26.388	0
"2011-10-26	03:00:00"	5.5004	184.76	68.17	49.47	0.13545	26.385	0
"2011-10-26	04:00:00"	5.3121	197.43	66.716	52.105	0.14139	26.379	0
"2011-10-26	05:00:00"	2.9913	217.35	64.561	55.562	0.13228	26.373	0
"2011-10-26	06:00:00"	2.3233	240.15	62.437	59.321	0.12867	26.376	0
"2011-10-26	07:00:00"	3.4859	203.96	62.604	59.037	0.1257	26.382	0
"2011-10-26	08:00:00"	2.6495	288.14	60.322	62.999	0.53334	26.397	0
"2011-10-26	09:00:00"	1.8933	253.14	60.133	63.768	34.376	26.4	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-26	10:00:00"	10.536	6.94	61.092	52.371	187.99	26.435	0
"2011-10-26	11:00:00"	13.936	34.681	59.668	43.202	447.73	26.438	0
"2011-10-26	12:00:00"	13.43	34.566	61.536	41.335	618.16	26.432	0
"2011-10-26	13:00:00"	11.809	39.264	64.8	37.841	730.6	26.42	0
"2011-10-26	14:00:00"	10.318	50.677	67.562	34.421	773.78	26.394	0
"2011-10-26	15:00:00"	10.031	58.067	69.952	31.609	712.86	26.358	0
"2011-10-26	16:00:00"	10.463	74.344	72.313	29.18	655.04	26.332	0
"2011-10-26	17:00:00"	10.736	79.557	73.539	27.933	481.78	26.323	0
"2011-10-26	18:00:00"	12.182	75.583	73.228	28.239	287.05	26.296	0
"2011-10-26	19:00:00"	12.894	77.198	71.887	30.532	88.394	26.296	0
"2011-10-26	20:00:00"	12.151	74.148	68.677	35.724	1.4338	26.291	0
"2011-10-26	21:00:00"	16.265	90.768	64.849	41.652	0.11193	26.279	0
"2011-10-26	22:00:00"	18.47	108.93	60.955	46.988	0.11828	26.285	0
"2011-10-26	23:00:00"	16.433	94.785	59.534	49.379	0.11193	26.364	0
"2011-10-27	00:00:00"	15.193	38.258	53.872	69.574	0.14393	26.394	0
"2011-10-27	01:00:00"	16.094	45.398	50.807	79.399	0.08628	26.376	0.01
"2011-10-27	02:00:00"	20.714	52.553	47.925	82.058	0.11447	26.35	0
"2011-10-27	03:00:00"	18.762	44.101	45.884	84.552	0.10811	26.367	0
"2011-10-27	04:00:00"	20.328	34.598	43.579	85.346	0.1115	26.409	0
"2011-10-27	05:00:00"	18.506	33.398	42.506	83.616	0.11722	26.409	0
"2011-10-27	06:00:00"	16.229	22.723	42.987	84.115	0.13715	26.462	0
"2011-10-27	07:00:00"	16.273	25.636	41.786	87.136	0.10005	26.435	0
"2011-10-27	08:00:00"	13.456	11.995	40.862	91.382	0.07801	26.5	0.12
"2011-10-27	09:00:00"	15.193	19.237	39.906	90.719	11.453	26.506	0.05
"2011-10-27	10:00:00"	10.571	20.295	40.225	89.237	28.746	26.536	0.01
"2011-10-27	11:00:00"	11.746	5.0046	40.042	89.829	62.634	26.556	0
"2011-10-27	12:00:00"	13.062	5.026	39.556	88.64	122.34	26.565	0
"2011-10-27	13:00:00"	15.205	353.26	39.523	86.505	93.287	26.571	0
"2011-10-27	14:00:00"	17.01	355.5	39.512	85.368	116.48	26.556	0
"2011-10-27	15:00:00"	16.653	4.7145	39.947	82.746	181.91	26.545	0
"2011-10-27	16:00:00"	14.719	5.8463	40.6	80.251	204.03	26.545	0
"2011-10-27	17:00:00"	13.553	4.2631	41.361	78.802	143.28	26.55	0
"2011-10-27	18:00:00"	9.7145	13.488	42.512	75.923	187.74	26.556	0
"2011-10-27	19:00:00"	9.6089	2.772	42.826	76.079	48.395	26.577	0
"2011-10-27	20:00:00"	8.834	358.76	42.998	76.396	0.97532	26.595	0
"2011-10-27	21:00:00"	9.6567	358.51	42.916	76.2	0.17361	26.604	0
"2011-10-27	22:00:00"	8.688	359.38	42.488	75.664	0.1628	26.612	0
"2011-10-27	23:00:00"	7.664	358.05	42.249	76.669	0.14542	26.621	0
"2011-10-28	00:00:00"	9.3566	353.37	41.743	76.194	0.184	26.624	0
"2011-10-28	01:00:00"	8.9869	350.67	41.402	76.884	0.14054	26.618	0
"2011-10-28	02:00:00"	7.9038	343.8	41.485	77.304	0.1433	26.624	0
"2011-10-28	03:00:00"	6.8425	340.36	41.29	77.232	0.13715	26.627	0
"2011-10-28	04:00:00"	7.3247	328.95	41.129	76.776	0.17149	26.63	0
"2011-10-28	05:00:00"	6.2479	323.03	41.737	75.074	0.17425	26.624	0
"2011-10-28	06:00:00"	7.303	322.15	41.935	74.273	0.1664	26.63	0
"2011-10-28	07:00:00"	7.4726	340.37	42.075	74.291	0.13969	26.645	0
"2011-10-28	08:00:00"	6.7027	358.2	42.091	75.786	0.31903	26.663	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-10-28	09:00:00"	5.529	4.1961	42.426	74.723	65.457	26.692	0
"2011-10-28	10:00:00"	4.4677	356.97	43.527	70.753	248.06	26.71	0
"2011-10-28	11:00:00"	5.7054	6.9763	45.299	63.836	417.04	26.734	0
"2011-10-28	12:00:00"	7.2831	20.39	47.673	57.484	625.49	26.739	0
"2011-10-28	13:00:00"	7.1352	15.926	49.421	53.401	730.46	26.731	0
"2011-10-28	14:00:00"	7.3148	20.132	51.207	50.883	783.62	26.707	0
"2011-10-28	15:00:00"	5.2593	16.892	52.879	47.944	752.03	26.677	0
"2011-10-28	16:00:00"	3.8885	334.43	55.185	44.2	649.99	26.672	0
"2011-10-28	17:00:00"	3.5698	336.15	56.55	41.704	489.2	26.674	0
"2011-10-28	18:00:00"	4.3813	7.5649	56.155	42.839	288.32	26.683	0
"2011-10-28	19:00:00"	4.3496	7.8293	55.434	46.193	87.369	26.689	0
"2011-10-28	20:00:00"	2.4582	25.998	50.88	58.442	1.4396	26.701	0
"2011-10-28	21:00:00"	2.0717	44.19	48.29	63.175	0.13418	26.707	0
"2011-10-28	22:00:00"	2.6042	19.066	46.459	63.756	0.13503	26.701	0
"2011-10-28	23:00:00"	2.0008	121.14	46.032	58.432	0.1787	26.704	0
"2011-10-29	00:00:00"	2.9851	304.5	44.946	55.743	0.1698	26.704	0
"2011-10-29	01:00:00"	3.4387	291.5	42.794	60.622	0.15962	26.695	0
"2011-10-29	02:00:00"	3.7984	301.85	39.56	76.936	0.15877	26.701	0
"2011-10-29	03:00:00"	3.0304	307.18	38.669	89.212	0.09475	26.695	0
"2011-10-29	04:00:00"	2.7813	318.47	37.912	90.732	0.08352	26.669	0
"2011-10-29	05:00:00"	1.3012	170.88	38.503	91.641	0.092	26.66	0
"2011-10-29	06:00:00"	2.2059	261.65	38.687	91.38	0.10196	26.651	0
"2011-10-29	07:00:00"	3.535	287.39	38.108	87.707	0.08076	26.645	0
"2011-10-29	08:00:00"	4.6565	246.45	38.673	76.544	0.38771	26.642	0
"2011-10-29	09:00:00"	4.1427	199.41	39.363	74.309	58.112	26.651	0
"2011-10-29	10:00:00"	7.8734	190.28	41.695	78.41	237.7	26.651	0
"2011-10-29	11:00:00"	12.739	189.25	47.864	68.809	442.43	26.645	0
"2011-10-29	12:00:00"	13.592	189.16	51.897	53.814	608.59	26.624	0
"2011-10-29	13:00:00"	13.304	192.1	55.038	42.579	719.62	26.601	0
"2011-10-29	14:00:00"	13.975	193.69	57.931	34.026	737.54	26.55	0
"2011-10-29	15:00:00"	13.402	199.94	60.631	30.541	709.01	26.512	0
"2011-10-29	16:00:00"	12.867	198.39	62.722	28.688	586.08	26.477	0
"2011-10-29	17:00:00"	12.181	208.44	63.796	28.372	377.45	26.459	0
"2011-10-29	18:00:00"	10.004	208.96	65.078	27.548	269.83	26.441	0
"2011-10-29	19:00:00"	9.0472	197.12	64.954	28.081	78.341	26.432	0
"2011-10-29	20:00:00"	9.7679	195.83	61.522	31.216	1.016	26.441	0
"2011-10-29	21:00:00"	7.7926	192.58	58.053	34.946	0.14605	26.438	0
"2011-10-29	22:00:00"	5.0691	203.2	56.975	35.574	0.12719	26.444	0
"2011-10-29	23:00:00"	6.8985	196.98	55.584	37.525	0.14711	26.444	0
"2011-10-30	00:00:00"	6.7096	202.47	53.246	42.064	0.16831	26.441	0
"2011-10-30	01:00:00"	4.636	220.74	51.656	44.872	0.13757	26.441	0
"2011-10-30	02:00:00"	5.6843	222.73	51.072	46.313	0.19121	26.438	0
"2011-10-30	03:00:00"	4.674	236.72	48.421	51.706	0.17361	26.438	0
"2011-10-30	04:00:00"	4.3117	251.16	45.303	60.179	0.18951	26.429	0
"2011-10-30	05:00:00"	3.9072	259.5	45.178	61.278	0.1592	26.426	0
"2011-10-30	06:00:00"	4.2464	268.85	44.832	61.736	0.15517	26.435	0
"2011-10-30	07:00:00"	4.7522	292.11	43.39	70.64	0.15284	26.456	0

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"2011-10-30	08:00:00"	9.6176	310.28	46.131	65.954	0.38771	26.474	0
"2011-10-30	09:00:00"	9.602	331.66	48.383	56.991	56.052	26.503	0
"2011-10-30	10:00:00"	12.992	5.7013	52.423	52.792	236.87	26.539	0
"2011-10-30	11:00:00"	18.621	34.705	57.813	42.803	443.29	26.547	0
"2011-10-30	12:00:00"	16.587	46.843	61.412	37.249	614.56	26.568	0
"2011-10-30	13:00:00"	13.524	37.636	62.913	35.301	723.91	26.583	0
"2011-10-30	14:00:00"	10.463	40.38	64.748	33.496	765.96	26.58	0
"2011-10-30	15:00:00"	8.5643	26.836	66.269	31.263	733.66	26.565	0
"2011-10-30	16:00:00"	9.182	32.561	67.718	29.412	633.77	26.568	0
"2011-10-30	17:00:00"	9.3485	29.551	68.315	28.506	474.89	26.565	0
"2011-10-30	18:00:00"	8.1462	35.166	68.249	28.461	275.96	26.574	0
"2011-10-30	19:00:00"	6.4268	29.194	65.755	31.28	79.48	26.592	0
"2011-10-30	20:00:00"	3.3349	14.683	57.278	42.635	1.0955	26.612	0
"2011-10-30	21:00:00"	4.6578	19.348	52.436	51.332	0.15771	26.624	0
"2011-10-30	22:00:00"	6.6468	24.832	50.376	56.671	0.17997	26.636	0
"2011-10-30	23:00:00"	4.188	9.3745	47.809	63.182	0.16492	26.648	0
"2011-10-31	00:00:00"	4.3894	13.593	47.228	65.618	0.16577	26.651	0
"2011-10-31	01:00:00"	4.17	23.346	47.413	65.618	0.15305	26.642	0
"2011-10-31	02:00:00"	3.4996	1.9736	45.975	68.994	0.13355	26.636	0
"2011-10-31	03:00:00"	2.6781	29.066	45.062	71.3	0.16937	26.63	0
"2011-10-31	04:00:00"	3.1901	291.27	43.635	75.106	0.11701	26.621	0
"2011-10-31	05:00:00"	3.6698	319.6	42.464	77.685	0.19926	26.609	0
"2011-10-31	06:00:00"	3.0298	297	41.959	79.719	0.12274	26.607	0
"2011-10-31	07:00:00"	3.5928	310.28	40.067	82.456	0.11998	26.604	0
"2011-10-31	08:00:00"	3.2479	310.05	39.88	84.558	0.31818	26.607	0
"2011-10-31	09:00:00"	2.6974	304.86	40.936	82.857	54.486	26.624	0
"2011-10-31	10:00:00"	2.3594	268.75	48.778	69.793	234.71	26.639	0
"2011-10-31	11:00:00"	7.1948	175.3	55.413	53.558	441.83	26.633	0
"2011-10-31	12:00:00"	6.1746	187.75	59.985	44.86	608.93	26.63	0
"2011-10-31	13:00:00"	6.5654	189.41	64.43	36.554	719.22	26.609	0
"2011-10-31	14:00:00"	7.4335	195.91	67.707	30.161	761.02	26.571	0
"2011-10-31	15:00:00"	9.4076	189.82	70.32	24.971	730.9	26.533	0
"2011-10-31	16:00:00"	10.719	195.38	72.195	20.853	632.32	26.506	0
"2011-10-31	17:00:00"	11.127	190.94	73.326	18.518	475.19	26.497	0
"2011-10-31	18:00:00"	11.258	185.99	72.874	18.849	277.68	26.483	0
"2011-10-31	19:00:00"	8.9086	183.36	70.971	19.733	79.644	26.477	0
"2011-10-31	20:00:00"	3.7382	173.77	64.86	24.93	1.1042	26.483	0
"2011-10-31	21:00:00"	3.5636	169.03	61.328	29.071	0.14987	26.491	0
"2011-10-31	22:00:00"	4.779	173.04	60.238	33.461	0.1009	26.491	0
"2011-10-31	23:00:00"	5.8614	180.31	58.273	41.454	0.13609	26.494	0
"2011-11-01	00:00:00"	5.0176	180.61	56.624	51.552	0.15729	26.488	0
"2011-11-01	01:00:00"	7.6298	183.46	56.793	60.104	0.12846	26.477	0
"2011-11-01	02:00:00"	5.67	176.76	54.782	67.4	0.11616	26.465	0
"2011-11-01	03:00:00"	4.815	176.22	53.143	73.833	0.1257	26.459	0
"2011-11-01	04:00:00"	5.5973	177.02	52.445	77.353	0.16577	26.45	0
"2011-11-01	05:00:00"	7.3719	183.67	52.052	79.102	0.16725	26.444	0
"2011-11-01	06:00:00"	8.7253	189.2	52.44	79.662	0.13779	26.438	0

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"2011-11-01	07:00:00"	8.1667	193.12	51.541	81.943	0.12613	26.438	0
"2011-11-01	08:00:00"	5.5364	205.32	50.802	83.609	0.24696	26.441	0
"2011-11-01	09:00:00"	3.9258	242.89	49.856	85.674	53.436	26.456	0
"2011-11-01	10:00:00"	4.9113	222.53	52.624	80.619	232.05	26.465	0
"2011-11-01	11:00:00"	8.048	204.39	58.292	65.414	436.1	26.465	0
"2011-11-01	12:00:00"	7.4179	211.84	64.342	48.869	601.84	26.459	0
"2011-11-01	13:00:00"	6.6344	209.29	69.961	35.791	708.73	26.435	0
"2011-11-01	14:00:00"	7.925	206.19	75.011	26.689	748.64	26.409	0
"2011-11-01	15:00:00"	10.048	209.76	78.148	21.717	716.89	26.379	0
"2011-11-01	16:00:00"	9.6449	201.73	80.123	19.488	617.57	26.361	0
"2011-11-01	17:00:00"	11.986	189.8	81.039	18.697	459.84	26.344	0
"2011-11-01	18:00:00"	13.504	189.13	81.065	17.998	266.39	26.335	0
"2011-11-01	19:00:00"	11.091	177.16	79.065	20.875	73.904	26.326	0
"2011-11-01	20:00:00"	12.388	154.63	74.372	28.348	0.81252	26.332	0
"2011-11-01	21:00:00"	14.013	150.89	70.418	33.798	0.1221	26.332	0
"2011-11-01	22:00:00"	13.423	154.26	67.575	40.316	0.11807	26.332	0
"2011-11-01	23:00:00"	14.654	170	65.914	48.171	0.12062	26.344	0
"2011-11-02	00:00:00"	11.827	183.21	63.69	53.558	0.15347	26.344	0
"2011-11-02	01:00:00"	11.551	187.25	62.498	56.947	0.12931	26.341	0
"2011-11-02	02:00:00"	10.573	190.15	60.833	60.505	0.12443	26.338	0
"2011-11-02	03:00:00"	7.2402	179.69	58.388	65.214	0.14139	26.332	0
"2011-11-02	04:00:00"	7.9069	188.48	56.773	68.959	0.14351	26.329	0
"2011-11-02	05:00:00"	7.6559	191.52	56.06	70.552	0.13545	26.332	0
"2011-11-02	06:00:00"	7.2912	193.62	54.981	73.382	0.14817	26.338	0
"2011-11-02	07:00:00"	6.9581	196.11	53.732	76.445	0.11256	26.341	0
"2011-11-02	08:00:00"	6.0428	183.22	51.489	79.889	0.26307	26.344	0
"2011-11-02	09:00:00"	4.7678	205.55	50.501	82.436	50.395	26.382	0
"2011-11-02	10:00:00"	4.49	228.86	52.853	78.372	233.02	26.418	0
"2011-11-02	11:00:00"	5.8458	230.75	60.071	59.278	441.74	26.441	0
"2011-11-02	12:00:00"	16.148	327.58	64.133	39.72	598.7	26.503	0
"2011-11-02	13:00:00"	23.613	2.2273	57.369	43.381	698.12	26.542	0
"2011-11-02	14:00:00"	24.237	357.97	57.754	38.883	730.47	26.568	0
"2011-11-02	15:00:00"	26.104	356.04	57.204	35.582	702.5	26.586	0
"2011-11-02	16:00:00"	25.856	0.76886	55.03	34.772	583.92	26.621	0
"2011-11-02	17:00:00"	25.414	1.2146	53.701	33.339	417.04	26.651	0
"2011-11-02	18:00:00"	22.526	7.8126	52.1	33.582	210.59	26.683	0
"2011-11-02	19:00:00"	20.083	11.007	48.554	37.705	50.425	26.734	0
"2011-11-02	20:00:00"	16.325	12.505	45.747	41.876	0.92953	26.769	0
"2011-11-02	21:00:00"	16.15	5.7887	43.832	44.092	0.16683	26.804	0
"2011-11-02	22:00:00"	12.051	3.0748	41.257	48.868	0.19248	26.828	0
"2011-11-02	23:00:00"	11.246	3.7609	39.412	53.456	0.1929	26.84	0
"2011-11-03	00:00:00"	12.875	3.4519	38.049	56.415	0.20647	26.849	0
"2011-11-03	01:00:00"	8.5755	344.09	35.852	61.244	0.22046	26.849	0
"2011-11-03	02:00:00"	6.9096	299.28	32.85	68.23	0.19587	26.84	0
"2011-11-03	03:00:00"	7.1172	304.69	31.698	72.534	0.17552	26.837	0
"2011-11-03	04:00:00"	7.2899	295.8	29.559	77.886	0.22597	26.834	0
"2011-11-03	05:00:00"	7.2626	293.78	29.158	78.853	0.18442	26.831	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-03	06:00:00"	6.507	299.45	27.549	81.985	0.19481	26.837	0
"2011-11-03	07:00:00"	6.4331	305.19	26.855	84.295	0.17594	26.828	0
"2011-11-03	08:00:00"	6.6499	304.93	27.39	83.735	0.34807	26.834	0
"2011-11-03	09:00:00"	5.1307	312.34	28.005	82.298	54.287	26.849	0
"2011-11-03	10:00:00"	6.5101	312.71	35.335	67.324	236.76	26.866	0
"2011-11-03	11:00:00"	5.7129	288.55	40.016	53.142	444.78	26.852	0
"2011-11-03	12:00:00"	3.3908	274.58	43.688	36.663	614.7	26.831	0
"2011-11-03	13:00:00"	3.6462	177.62	46.375	30.377	723.97	26.804	0
"2011-11-03	14:00:00"	3.74	138.7	49.139	26.192	765.99	26.769	0
"2011-11-03	15:00:00"	5.4345	187.55	51.181	22.996	735.05	26.734	0
"2011-11-03	16:00:00"	5.7831	187.51	53.1	21.283	633.69	26.704	0
"2011-11-03	17:00:00"	5.5874	174.22	53.733	21.404	470.53	26.68	0
"2011-11-03	18:00:00"	6.8674	175.74	53.967	21.491	269.29	26.663	0
"2011-11-03	19:00:00"	7.1116	146.48	52.633	22.933	71.773	26.648	0
"2011-11-03	20:00:00"	3.2846	162.38	49.728	25.857	0.78772	26.651	0
"2011-11-03	21:00:00"	2.1344	197.36	46.525	28.617	0.16704	26.645	0
"2011-11-03	22:00:00"	4.0377	180.69	45.363	29.019	0.1999	26.651	0
"2011-11-03	23:00:00"	3.0124	188.17	43.304	31.523	0.15538	26.642	0
"2011-11-04	00:00:00"	3.22	190.4	41.984	33.387	0.18591	26.624	0
"2011-11-04	01:00:00"	3.9923	180.79	41.776	33.774	0.19778	26.607	0
"2011-11-04	02:00:00"	3.9643	188.21	41.055	34.534	0.14648	26.601	0
"2011-11-04	03:00:00"	5.6396	159.91	41.459	33.592	0.20668	26.586	0
"2011-11-04	04:00:00"	7.8591	139.9	41.629	33.773	0.18718	26.571	0
"2011-11-04	05:00:00"	6.8991	138.97	40.723	34.985	0.18591	26.556	0
"2011-11-04	06:00:00"	6.1752	141.18	39.599	36.446	0.15411	26.542	0
"2011-11-04	07:00:00"	6.3374	145.31	39.052	37.442	0.15644	26.539	0
"2011-11-04	08:00:00"	2.8726	246.18	35.414	43.68	0.30546	26.542	0
"2011-11-04	09:00:00"	5.5464	158.76	36.538	42.576	36.633	26.542	0
"2011-11-04	10:00:00"	8.7626	143.63	42.323	34.283	197.4	26.55	0
"2011-11-04	11:00:00"	13.539	162.61	47.801	27.613	391.55	26.545	0
"2011-11-04	12:00:00"	12.7	165.04	52.072	23.612	558.08	26.53	0
"2011-11-04	13:00:00"	12.677	162.35	55.648	21.201	666.78	26.503	0
"2011-11-04	14:00:00"	12.316	155.25	59.799	19.329	703.67	26.462	0
"2011-11-04	15:00:00"	12.367	160.38	63.4	17.928	678.39	26.432	0
"2011-11-04	16:00:00"	12.674	152.88	65.024	17.553	579.59	26.412	0
"2011-11-04	17:00:00"	12.926	168.81	66.121	18.288	426.29	26.397	0
"2011-11-04	18:00:00"	11.154	149.46	66.232	18.839	231.15	26.382	0
"2011-11-04	19:00:00"	9.4622	139.95	64.106	20.661	46.972	26.373	0
"2011-11-04	20:00:00"	8.9055	119.97	60.575	23.009	0.48246	26.379	0
"2011-11-04	21:00:00"	8.8819	117.04	57.638	25.719	0.13334	26.376	0
"2011-11-04	22:00:00"	8.0505	122.81	54.323	28.334	0.1185	26.37	0
"2011-11-04	23:00:00"	7.9442	131.49	53.215	28.361	0.13206	26.37	0
"2011-11-05	00:00:00"	7.1762	136.94	51.008	30.522	0.14372	26.344	0
"2011-11-05	01:00:00"	7.5621	153.36	49.871	31.932	0.12931	26.326	0
"2011-11-05	02:00:00"	9.0639	159.71	49.406	32.42	0.13694	26.314	0
"2011-11-05	03:00:00"	11.118	160.35	49.195	31.883	0.15856	26.291	0
"2011-11-05	04:00:00"	10.84	162.97	49.05	31.818	0.14351	26.276	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-05"	05:00:00"	9.5213	166.44	48.604	32.665	0.14393	26.249	0
"2011-11-05"	06:00:00"	6.328	179.4	47.446	34.593	0.14754	26.234	0
"2011-11-05"	07:00:00"	5.3102	159.18	46.396	36.497	0.13334	26.211	0
"2011-11-05"	08:00:00"	6.0304	179.59	45.784	37.507	0.17997	26.217	0
"2011-11-05"	09:00:00"	5.309	180.59	44.645	39.486	9.7621	26.226	0
"2011-11-05"	10:00:00"	7.4086	177.5	46.539	38.047	185.35	26.234	0
"2011-11-05"	11:00:00"	15.397	184.65	54.068	30.503	426.04	26.234	0
"2011-11-05"	12:00:00"	15.934	184.21	60.394	25.803	590.72	26.226	0
"2011-11-05"	13:00:00"	17.356	184.97	66.531	21.451	701.06	26.208	0
"2011-11-05"	14:00:00"	16.896	194.84	71.237	17.788	734.58	26.187	0
"2011-11-05"	15:00:00"	16.752	207.67	74.881	15.211	693.81	26.164	0
"2011-11-05"	16:00:00"	17.748	227.67	78.614	13.853	586.54	26.161	0
"2011-11-05"	17:00:00"	14.441	244.9	78.793	16.352	398.57	26.161	0
"2011-11-05"	18:00:00"	15.678	278.4	74.878	21.963	196.26	26.187	0
"2011-11-05"	19:00:00"	14.938	289	69.617	26.222	46.968	26.208	0
"2011-11-05"	20:00:00"	12.743	284.18	64.764	29.543	0.53843	26.232	0
"2011-11-05"	21:00:00"	11.595	284.6	61.89	31.648	0.10832	26.261	0
"2011-11-05"	22:00:00"	7.6105	281.66	59.354	34.007	0.12676	26.279	0
"2011-11-05"	23:00:00"	7.8498	226.94	57.692	35.737	0.10832	26.294	0
"2011-11-06"	00:00:00"	9.4914	224.93	56.725	35.711	0.1079	26.302	0
"2011-11-06"	01:00:00"	7.8925	204.59	54.169	36.781	0.09555	26.329	0
"2011-11-06"	02:00:00"	9.282	198.76	52.979	39.474	0.11744	26.329	0
"2011-11-06"	03:00:00"	5.8521	204.5	48.598	48.629	0.14796	26.335	0
"2011-11-06"	04:00:00"	5.7048	206.73	45.913	53.046	0.16026	26.347	0
"2011-11-06"	05:00:00"	6.6735	210.1	45.02	53.602	0.13757	26.35	0
"2011-11-06"	06:00:00"	5.299	219.28	44.009	54.859	0.12719	26.358	0
"2011-11-06"	07:00:00"	5.3363	238.71	43.781	55.737	0.10747	26.373	0
"2011-11-06"	08:00:00"	4.28	265.5	41.296	59.685	0.21982	26.391	0
"2011-11-06"	09:00:00"	2.4358	325.79	38.643	64.925	44.569	26.418	0
"2011-11-06"	10:00:00"	1.7405	309.57	46.875	51.263	213.52	26.444	0
"2011-11-06"	11:00:00"	3.3324	215.23	54.007	39.304	414.45	26.453	0
"2011-11-06"	12:00:00"	7.0432	228.3	59.947	32.894	577.92	26.447	0
"2011-11-06"	13:00:00"	7.5758	243.44	64.825	30.377	684.17	26.435	0
"2011-11-06"	14:00:00"	8.6147	226.19	66.742	28.8	724.25	26.4	0
"2011-11-06"	15:00:00"	10.279	209.94	68.318	26.852	694.79	26.37	0
"2011-11-06"	16:00:00"	12.061	208.69	69.652	25.196	585.1	26.361	0
"2011-11-06"	17:00:00"	11.434	218.99	70.369	23.385	453.98	26.361	0
"2011-11-06"	18:00:00"	11.338	217.22	70.119	22.818	254.57	26.358	0
"2011-11-06"	19:00:00"	7.8933	205.45	68.267	24.93	61.344	26.367	0
"2011-11-06"	20:00:00"	7.101	179.37	62.873	30.241	0.62576	26.382	0
"2011-11-06"	21:00:00"	3.1709	173.02	59.673	34.345	0.10408	26.388	0
"2011-11-06"	22:00:00"	4.3527	149.07	59.952	34.694	0.14987	26.394	0
"2011-11-06"	23:00:00"	3.8502	95.836	58.648	36.246	0.1079	26.397	0
"2011-11-07"	00:00:00"	4.3403	87.757	54.771	41.189	0.12464	26.385	0
"2011-11-07"	01:00:00"	1.9903	78.363	54.016	47.886	0.12528	26.373	0
"2011-11-07"	01:00:00"	1.9064	50.154	52.947	56.363	0.12168	26.364	0
"2011-11-07"	02:00:00"	1.3241	357	50.426	59.008	0.10175	26.347	0

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"2011-11-07	03:00:00"	1.0358	78.356	49.339	63.252	0.1469	26.332	0
"2011-11-07	04:00:00"	5.1102	97.908	52.627	72.089	0.12825	26.32	0
"2011-11-07	05:00:00"	13.31	166.66	59.66	84.814	0.10684	26.317	0
"2011-11-07	06:00:00"	14.666	175.22	59.935	86.965	0.1009	26.32	0
"2011-11-07	07:00:00"	8.3264	204.46	57.568	87.784	0.07059	26.341	0
"2011-11-07	08:00:00"	3.6002	239.1	53.205	91.015	13.962	26.341	0
"2011-11-07	09:00:00"	4.915	173.43	54.266	91.721	176.39	26.353	0
"2011-11-07	10:00:00"	7.3999	183.39	59.665	73.294	382.56	26.364	0
"2011-11-07	11:00:00"	7.3595	178.48	65.001	51.537	554.99	26.356	0
"2011-11-07	12:00:00"	6.5058	177.11	69.09	32.73	670.77	26.338	0
"2011-11-07	13:00:00"	9.2373	186.06	71.693	25.922	719.18	26.302	0
"2011-11-07	14:00:00"	11.644	198.32	73.475	21.253	692.41	26.279	0
"2011-11-07	15:00:00"	11.664	211.51	74.639	17.961	597.68	26.267	0
"2011-11-07	16:00:00"	11.91	214.19	74.816	17.161	441.62	26.267	0
"2011-11-07	17:00:00"	9.8574	218.77	74.898	15.968	243.15	26.264	0
"2011-11-07	18:00:00"	5.9316	199.36	72.978	15.959	60.565	26.255	0
"2011-11-07	19:00:00"	1.3173	98.934	65.93	20.553	0.46784	26.252	0
"2011-11-07	20:00:00"	2.5681	351.12	59.543	26.098	0.11489	26.264	0
"2011-11-07	21:00:00"	6.6741	323.28	63.511	24.9	0.11362	26.276	0
"2011-11-07	22:00:00"	7.9877	313.63	62.459	27.256	0.11108	26.291	0
"2011-11-07	23:00:00"	3.7605	321.41	60.69	30.074	0.11532	26.335	0
"2011-11-08	00:00:00"	11.504	303.63	60.41	29.57	0.12104	26.338	0
"2011-11-08	01:00:00"	13.009	307.18	57.01	27.899	0.13037	26.338	0
"2011-11-08	02:00:00"	12.448	303.75	54.32	30.68	0.13376	26.344	0
"2011-11-08	03:00:00"	11.649	298.4	51.585	32.836	0.11595	26.344	0
"2011-11-08	04:00:00"	13.935	290.23	49.039	34.913	0.13185	26.367	0
"2011-11-08	05:00:00"	8.1598	289.15	45.235	39.996	0.14817	26.379	0
"2011-11-08	06:00:00"	6.3436	286.72	41.501	46.33	0.15157	26.397	0
"2011-11-08	07:00:00"	5.2562	281.47	39.941	45.803	0.17933	26.423	0
"2011-11-08	08:00:00"	3.7164	264.43	40.008	42.455	41.252	26.444	0
"2011-11-08	09:00:00"	4.4173	234	43.465	37.209	220.83	26.468	0
"2011-11-08	10:00:00"	7.9567	276.58	47.926	30.084	427.4	26.48	0
"2011-11-08	11:00:00"	15.748	290.26	52.623	24.972	595.21	26.488	0
"2011-11-08	12:00:00"	12.746	290.24	54.638	22.588	700.58	26.485	0
"2011-11-08	13:00:00"	13.687	285	56.195	20.414	741.71	26.477	0
"2011-11-08	14:00:00"	14.02	292.53	57.503	20.144	708.56	26.471	0
"2011-11-08	15:00:00"	14.767	292.31	58.251	20.766	607.36	26.477	0
"2011-11-08	16:00:00"	14.892	301.63	59.534	20.541	445.44	26.488	0
"2011-11-08	17:00:00"	14.629	308.91	59.819	21.764	250.75	26.506	0
"2011-11-08	18:00:00"	12.718	319.08	57.998	23.812	62.387	26.539	0
"2011-11-08	19:00:00"	7.9461	345.72	52.959	31.679	0.5787	26.571	0
"2011-11-08	20:00:00"	10.796	358.59	48.904	40.275	0.12994	26.604	0
"2011-11-08	21:00:00"	11.644	4.1717	46.119	46.474	0.15284	26.624	0
"2011-11-08	22:00:00"	10.205	9.6941	43.517	54.189	0.17107	26.639	0
"2011-11-08	23:00:00"	8.5575	17.5	41.903	59.833	0.1363	26.645	0
"2011-11-09	00:00:00"	10.246	9.5342	40.343	64.563	0.15072	26.657	0
"2011-11-09	01:00:00"	10.182	5.5433	38.492	69.43	0.13206	26.672	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-09	02:00:00"	10.436	0.43879	36.909	73.427	0.16407	26.683	0
"2011-11-09	03:00:00"	12.856	0.08614	36.104	75.371	0.12464	26.686	0
"2011-11-09	04:00:00"	15.387	359.68	35.746	76.064	0.15941	26.689	0
"2011-11-09	05:00:00"	14.64	3.2213	35.851	76.097	0.13906	26.704	0
"2011-11-09	06:00:00"	12.654	2.371	35.905	76.342	0.16789	26.731	0
"2011-11-09	07:00:00"	10.631	355.9	34.873	78.895	0.1734	26.766	0
"2011-11-09	08:00:00"	10.023	350.16	34.231	81.326	41.204	26.784	0
"2011-11-09	09:00:00"	12.982	0.45884	37.84	73.718	149.63	26.813	0
"2011-11-09	10:00:00"	10.645	14.721	41.45	60.839	270.6	26.843	0
"2011-11-09	11:00:00"	8.6153	49.8	44.86	48.877	476.36	26.846	0
"2011-11-09	12:00:00"	8.4612	71.101	48.234	39.463	556.75	26.837	0
"2011-11-09	13:00:00"	8.1039	66.336	50.039	34.571	473.86	26.813	0
"2011-11-09	14:00:00"	7.7603	60.287	51.234	29.551	552.93	26.798	0
"2011-11-09	15:00:00"	7.4279	56.649	52.802	25.611	602.78	26.784	0
"2011-11-09	16:00:00"	7.1812	49.378	53.969	25.785	456.82	26.775	0
"2011-11-09	17:00:00"	8.3624	35.505	54.046	23.192	225.92	26.781	0
"2011-11-09	18:00:00"	5.6831	40.332	51.705	25.198	59.95	26.79	0
"2011-11-09	19:00:00"	4.7522	349.78	45.806	33.058	0.51447	26.801	0
"2011-11-09	20:00:00"	4.0445	319.06	41.163	40.976	0.12231	26.816	0
"2011-11-09	21:00:00"	4.5683	321.37	40.107	44.023	0.15072	26.834	0
"2011-11-09	22:00:00"	4.129	320.8	38.641	47.108	0.15962	26.855	0
"2011-11-09	23:00:00"	4.0327	289.55	36.496	51.861	0.20583	26.855	0
"2011-11-10	00:00:00"	4.18	287.79	34.127	57.071	0.18124	26.858	0
"2011-11-10	01:00:00"	4.0649	292.96	33.344	57.903	0.13635	26.849	0
"2011-11-10	02:00:00"	3.988	292.11	33.192	57.959	0.17467	26.846	0
"2011-11-10	03:00:00"	3.9699	291.83	32.344	59.353	0.16874	26.846	0
"2011-11-10	04:00:00"	4.0712	280.75	32.734	58.635	0.1291	26.843	0
"2011-11-10	05:00:00"	5.13	287.04	31.243	61.044	0.18209	26.849	0
"2011-11-10	06:00:00"	4.9393	284.2	30.73	63.248	0.17064	26.846	0
"2011-11-10	07:00:00"	4.4105	284.11	33.12	58.521	0.1982	26.855	0
"2011-11-10	08:00:00"	3.2324	299.42	31.441	61.193	37.242	26.869	0
"2011-11-10	09:00:00"	2.3656	293.59	38.837	50.654	206.99	26.884	0
"2011-11-10	10:00:00"	5.0977	270.24	46.876	38.964	410.97	26.881	0
"2011-11-10	11:00:00"	6.1578	246.89	52.321	30.396	579.76	26.869	0
"2011-11-10	12:00:00"	6.3324	227.42	54.314	26.694	689.61	26.849	0
"2011-11-10	13:00:00"	7.4738	227.19	56.267	23.546	730.52	26.807	0
"2011-11-10	14:00:00"	8.9515	219.98	57.454	21.461	700.62	26.772	0
"2011-11-10	15:00:00"	9.4001	209.94	57.923	20.687	602.04	26.742	0
"2011-11-10	16:00:00"	10.097	216.47	57.762	19.834	445.41	26.728	0
"2011-11-10	17:00:00"	9.6841	218.16	57.113	19.16	250.28	26.71	0
"2011-11-10	18:00:00"	8.3233	198.76	54.91	20.373	60.911	26.692	0
"2011-11-10	19:00:00"	9.4964	196.09	51.198	22.696	0.37542	26.686	0
"2011-11-10	20:00:00"	6.745	201.33	47.804	25.416	0.16513	26.68	0
"2011-11-10	21:00:00"	5.1182	222.33	44.869	27.766	0.18569	26.683	0
"2011-11-10	22:00:00"	4.9703	222.21	43.639	28.923	0.19396	26.672	0
"2011-11-10	23:00:00"	4.6957	217.28	42.131	30.578	0.16132	26.657	0
"2011-11-11	00:00:00"	6.8811	226.59	41.384	32.278	0.16174	26.642	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-11"	01:00:00"	8.3077	258.71	38.38	36.194	0.19735	26.621	0
"2011-11-11"	02:00:00"	5.762	273.33	37.549	39.263	0.15898	26.592	0
"2011-11-11"	03:00:00"	7.285	260.21	35.149	44.093	0.17298	26.589	0
"2011-11-11"	04:00:00"	7.1079	254.32	34.379	46.281	0.14542	26.559	0
"2011-11-11"	05:00:00"	7.9436	247.42	34.948	45.219	0.21304	26.547	0
"2011-11-11"	06:00:00"	7.3726	247.42	33.8	46.877	0.15347	26.536	0
"2011-11-11"	07:00:00"	6.6487	247.98	34.468	45.19	0.16513	26.536	0
"2011-11-11"	08:00:00"	4.4664	249.85	33.841	46.758	53.344	26.536	0
"2011-11-11"	09:00:00"	5.2307	221.53	38.703	39.844	158.44	26.545	0
"2011-11-11"	10:00:00"	5.1319	225.9	43.668	34.135	306.82	26.536	0
"2011-11-11"	11:00:00"	9.6107	220.48	51.17	26.782	436.41	26.539	0
"2011-11-11"	12:00:00"	10.296	220.83	56.26	22.194	528.13	26.512	0
"2011-11-11"	13:00:00"	9.5896	218.34	58.588	20.313	491.97	26.48	0
"2011-11-11"	14:00:00"	10.415	225.58	60.952	17.623	419.33	26.459	0
"2011-11-11"	15:00:00"	9.6816	225.19	62.846	16.265	445.77	26.432	0
"2011-11-11"	16:00:00"	9.3504	224.97	65.015	15.382	391.31	26.418	0
"2011-11-11"	17:00:00"	11.635	219.61	64.865	15.394	164.81	26.415	0
"2011-11-11"	18:00:00"	8.7327	217.98	62.715	16.563	18.578	26.406	0
"2011-11-11"	19:00:00"	6.0633	198.83	59.44	18.901	0.14457	26.409	0
"2011-11-11"	20:00:00"	7.8864	187.95	56.974	21.26	0.12252	26.403	0
"2011-11-11"	21:00:00"	8.629	191.19	55.694	22.549	0.14669	26.397	0
"2011-11-11"	22:00:00"	6.8916	207.57	54.039	24.131	0.13079	26.388	0
"2011-11-11"	23:00:00"	6.7773	211.51	52.27	25.886	0.11404	26.376	0
"2011-11-12"	00:00:00"	6.0907	199.61	50.768	27.555	0.13906	26.358	0
"2011-11-12"	01:00:00"	9.1335	196.64	52.304	26.508	0.11871	26.353	0
"2011-11-12"	02:00:00"	7.134	220.52	50.325	28.636	0.1363	26.347	0
"2011-11-12"	03:00:00"	4.5789	215.03	48.955	29.917	0.13079	26.326	0
"2011-11-12"	04:00:00"	6.2075	217.88	48.005	30.933	0.12592	26.335	0
"2011-11-12"	05:00:00"	6.7698	226.17	47.56	31.747	0.1257	26.308	0
"2011-11-12"	06:00:00"	6.6946	217.36	48.892	30.1	0.13673	26.317	0
"2011-11-12"	07:00:00"	9.7568	216.56	50.917	27.757	0.16153	26.323	0
"2011-11-12"	08:00:00"	7.8193	215.99	51.635	26.845	3.968	26.338	0
"2011-11-12"	09:00:00"	5.9167	221.56	52.37	26.552	49.021	26.347	0
"2011-11-12"	10:00:00"	9.7406	218.62	56.258	23.424	203.64	26.367	0
"2011-11-12"	11:00:00"	11.012	225.55	63.873	18.436	454.55	26.364	0
"2011-11-12"	12:00:00"	13.719	240.58	69.122	15.644	571.78	26.361	0
"2011-11-12"	13:00:00"	15.857	266.56	72.961	13.9	663.86	26.332	0
"2011-11-12"	14:00:00"	16.402	259.01	72.874	14.074	582.84	26.323	0
"2011-11-12"	15:00:00"	13.578	244.94	73.482	14.113	456.29	26.314	0
"2011-11-12"	16:00:00"	11.132	264.35	72.442	14.95	253.57	26.308	0
"2011-11-12"	17:00:00"	10.549	253.38	71.668	15.481	159.98	26.32	0
"2011-11-12"	18:00:00"	8.9142	258.56	69.954	16.911	31.2	26.32	0
"2011-11-12"	19:00:00"	3.4617	231.68	65.913	18.967	0.15771	26.326	0
"2011-11-12"	20:00:00"	3.5368	226.17	63.15	20.841	0.11616	26.338	0
"2011-11-12"	21:00:00"	4.3751	222.12	62.262	20.434	0.12613	26.35	0
"2011-11-12"	22:00:00"	5.4069	231.47	62.975	20.276	0.08394	26.353	0
"2011-11-12"	23:00:00"	5.1238	232.96	62.533	21.081	0.11129	26.35	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-13	00:00:00"	2.0344	264.69	58.838	24.079	0.13418	26.341	0
"2011-11-13	01:00:00"	4.5551	232.28	58.263	25.147	0.15389	26.341	0
"2011-11-13	02:00:00"	6.4896	229.82	59.342	26.149	0.11299	26.326	0
"2011-11-13	03:00:00"	6.205	219.65	59.079	27.63	0.13206	26.32	0
"2011-11-13	04:00:00"	4.9119	249.63	58.114	31.525	0.13228	26.32	0
"2011-11-13	05:00:00"	2.3973	251.24	57.339	36.116	0.12189	26.311	0
"2011-11-13	06:00:00"	4.5522	222.26	56.176	39.055	0.12528	26.314	0
"2011-11-13	07:00:00"	3.883	221.54	55.452	41.177	0.14839	26.314	0
"2011-11-13	08:00:00"	3.919	222.06	53.566	44.805	45.414	26.32	0
"2011-11-13	09:00:00"	5.2593	187.25	56.116	42.649	183.49	26.329	0
"2011-11-13	10:00:00"	7.4906	219.47	61.414	37.533	316.47	26.335	0
"2011-11-13	11:00:00"	8.8086	255.63	67.611	33.529	512.27	26.341	0
"2011-11-13	12:00:00"	10.899	239.44	70.293	30.529	626.68	26.338	0
"2011-11-13	13:00:00"	9.1304	234.6	71.419	28.166	568.59	26.302	0
"2011-11-13	14:00:00"	9.7822	248.01	72.816	27.316	516.78	26.282	0
"2011-11-13	15:00:00"	8.9154	254.31	72.888	27.834	330.51	26.273	0
"2011-11-13	16:00:00"	8.9682	263.56	72.986	29.003	220.35	26.276	0
"2011-11-13	17:00:00"	8.4208	243.45	72.486	29.987	134.92	26.273	0
"2011-11-13	18:00:00"	6.3902	224.61	70.636	31.801	29.536	26.282	0
"2011-11-13	19:00:00"	4.4956	201.69	67.665	35.2	0.1132	26.285	0
"2011-11-13	20:00:00"	5.977	222.15	67.493	35.784	0.0761	26.311	0
"2011-11-13	21:00:00"	6.054	201.07	66.028	37.41	0.10535	26.323	0
"2011-11-13	22:00:00"	2.2494	207.03	62.521	41.863	0.08479	26.323	0
"2011-11-13	23:00:00"	1.4167	277.98	60.465	45.03	0.08946	26.332	0
"2011-11-14	00:00:00"	3.7009	274.99	61.11	44.672	0.12146	26.335	0
"2011-11-14	01:00:00"	5.6209	272.79	62.289	44.152	0.11786	26.329	0
"2011-11-14	02:00:00"	6.2715	272.08	63.039	48.505	0.0884	26.323	0
"2011-11-14	03:00:00"	6.461	278.35	62.256	50.824	0.11193	26.326	0
"2011-11-14	04:00:00"	3.7823	289.05	60.837	53.296	0.11171	26.317	0
"2011-11-14	05:00:00"	3.5294	263.64	59.278	58.011	0.1274	26.314	0
"2011-11-14	06:00:00"	3.1224	257.45	58.164	60.124	0.14139	26.329	0
"2011-11-14	07:00:00"	5.199	239.1	59.561	55.64	0.10408	26.361	0
"2011-11-14	08:00:00"	6.2336	272.4	59.493	55.123	18.417	26.326	0
"2011-11-14	09:00:00"	6.9065	279.7	60.626	53.395	147.08	26.364	0
"2011-11-14	10:00:00"	6.4237	257.55	62.351	49.961	125.47	26.358	0
"2011-11-14	11:00:00"	9.3007	223.68	65.14	45.331	238.99	26.367	0
"2011-11-14	12:00:00"	12.657	221.47	66.524	43.588	303.42	26.35	0
"2011-11-14	13:00:00"	15.321	223.53	69.239	37.166	486.66	26.294	0
"2011-11-14	14:00:00"	14.999	234.06	71.134	33.175	553.32	26.264	0
"2011-11-14	15:00:00"	14.041	232.48	72.33	31.63	404.89	26.243	0
"2011-11-14	16:00:00"	13.268	227.67	71.467	31.606	187.62	26.237	0
"2011-11-14	17:00:00"	13.451	222.65	71.07	32.607	145.34	26.24	0
"2011-11-14	18:00:00"	12.081	222.16	69.722	35.064	22.627	26.255	0
"2011-11-14	19:00:00"	6.1621	223.77	67.698	38.598	0.13122	26.273	0
"2011-11-14	20:00:00"	8.5967	188.96	65.28	44.078	0.11171	26.285	0
"2011-11-14	21:00:00"	5.0604	211.25	62.485	48.434	0.09115	26.282	0
"2011-11-14	22:00:00"	6.2031	189.99	60.36	51.798	0.11828	26.282	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-14	23:00:00"	3.8556	212.96	58.45	55.44	0.1151	26.291	0
"2011-11-15	00:00:00"	3.5611	216.32	57.675	56.822	0.11087	26.291	0
"2011-11-15	01:00:00"	2.8645	254.68	55.361	59.215	0.10938	26.282	0
"2011-11-15	02:00:00"	1.4975	249.55	53.002	62.932	0.09221	26.288	0
"2011-11-15	03:00:00"	2.6004	294.36	50.931	66.098	0.11087	26.264	0
"2011-11-15	04:00:00"	5.419	311.6	49.82	69.762	0.12125	26.27	0
"2011-11-15	05:00:00"	4.339	281.51	48.429	72.193	0.10896	26.264	0
"2011-11-15	06:00:00"	4.5683	296.43	47.596	74.882	0.12931	26.282	0
"2011-11-15	07:00:00"	4.5018	311.28	46.544	77.83	0.15729	26.291	0
"2011-11-15	08:00:00"	4.5733	310.43	46.108	77.716	28.003	26.308	0
"2011-11-15	09:00:00"	6.6797	326.83	52.778	52.808	188.01	26.329	0
"2011-11-15	10:00:00"	11.096	314.41	58.833	38.013	385.38	26.347	0
"2011-11-15	11:00:00"	13.658	313.11	63.214	28.276	548.07	26.35	0
"2011-11-15	12:00:00"	11.958	309.19	66.893	19.366	656.57	26.329	0
"2011-11-15	13:00:00"	10.714	302.99	69.32	14.131	699.09	26.296	0
"2011-11-15	14:00:00"	10.235	292.75	70.934	13.14	622.59	26.261	0.07
"2011-11-15	15:00:00"	10.832	288.09	71.352	13.199	575.35	26.255	0
"2011-11-15	16:00:00"	10.426	282.75	71.05	12.731	233.31	26.252	0
"2011-11-15	17:00:00"	11.456	275.56	69.962	19.394	206.25	26.258	0
"2011-11-15	18:00:00"	7.3564	287.97	67.204	20.606	15.519	26.264	0
"2011-11-15	19:00:00"	2.3475	306.33	61.662	24.663	0.24335	26.273	0
"2011-11-15	20:00:00"	1.9567	256.8	58.971	26.887	0.08479	26.288	0
"2011-11-15	21:00:00"	2.0487	252.74	57.03	27.319	0.09242	26.299	0
"2011-11-15	22:00:00"	4.5447	303.71	53.061	30.171	0.09009	26.314	0
"2011-11-15	23:00:00"	5.6085	311.13	48.836	35.954	0.07525	26.323	0
"2011-11-16	00:00:00"	6.9289	304.3	48.218	37.863	0.0778	26.329	0
"2011-11-16	01:00:00"	5.8396	306.64	46.788	39.984	0.07758	26.326	0
"2011-11-16	02:00:00"	6.064	310.7	45.802	42.084	0.08606	26.323	0
"2011-11-16	03:00:00"	9.5107	341.13	45.488	42.676	0.07462	26.332	0
"2011-11-16	04:00:00"	9.3106	338.25	41.434	48.619	0.09772	26.329	0
"2011-11-16	05:00:00"	9.9307	336.69	40.125	52.419	0.09581	26.332	0
"2011-11-16	06:00:00"	10.153	340.84	38.403	58.789	0.09009	26.35	0
"2011-11-16	07:00:00"	9.118	342.35	37.806	62.736	0.05851	26.379	0
"2011-11-16	08:00:00"	8.7141	341.35	36.698	66.163	32.779	26.409	0
"2011-11-16	09:00:00"	5.4103	5.3429	44.21	54.894	195.71	26.444	0
"2011-11-16	10:00:00"	2.7322	35.98	52.137	41.272	389.52	26.468	0
"2011-11-16	11:00:00"	3.0217	209.59	57.931	33.249	497.44	26.488	0
"2011-11-16	12:00:00"	10.588	314.27	61.825	27.288	655.92	26.485	0
"2011-11-16	13:00:00"	16.676	322.51	65.056	21.947	700.83	26.485	0
"2011-11-16	14:00:00"	15.089	330.51	65.506	20.219	673.23	26.485	0
"2011-11-16	15:00:00"	13.826	347.43	66.036	19.344	577.03	26.494	0
"2011-11-16	16:00:00"	13.526	7.1072	64.808	20.989	421.46	26.53	0
"2011-11-16	17:00:00"	12.682	17.727	62.327	22.412	229.95	26.562	0
"2011-11-16	18:00:00"	10.219	39.341	58.156	26.996	49.815	26.586	0
"2011-11-16	19:00:00"	9.9929	50.91	53.035	34.026	0.32221	26.618	0
"2011-11-16	20:00:00"	9.7213	71.739	49.647	38.778	0.09836	26.642	0
"2011-11-16	21:00:00"	9.2311	112.4	46.699	42.683	0.10281	26.66	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-16"	22:00:00"	12.785	64.788	44.929	44.062	0.12782	26.68	0
"2011-11-16"	23:00:00"	9.4976	62.889	42.863	43.224	0.16513	26.698	0
"2011-11-17"	00:00:00"	7.979	45.139	40.12	44.138	0.17107	26.725	0
"2011-11-17"	01:00:00"	6.8991	3.2705	36.736	44.872	0.14436	26.751	0
"2011-11-17"	02:00:00"	6.1037	351.88	33.763	45.551	0.1734	26.76	0
"2011-11-17"	03:00:00"	3.3821	347.72	32.842	45.65	0.19311	26.781	0
"2011-11-17"	04:00:00"	5.227	319.86	29.016	51.949	0.19036	26.778	0
"2011-11-17"	05:00:00"	5.7067	346.66	27.861	55.281	0.16004	26.76	0
"2011-11-17"	06:00:00"	5.4892	341.61	27.936	57.536	0.14945	26.775	0
"2011-11-17"	07:00:00"	5.2003	291.71	25.978	62.837	0.1876	26.798	0
"2011-11-17"	08:00:00"	5.337	310.85	24.274	68.514	27.145	26.81	0
"2011-11-17"	09:00:00"	6.0988	11.673	30.68	57.957	179.37	26.804	0
"2011-11-17"	10:00:00"	7.582	103.5	35.697	45.713	379.3	26.793	0
"2011-11-17"	11:00:00"	8.125	133.12	41.005	36.139	545.8	26.778	0
"2011-11-17"	12:00:00"	11.05	163.04	44.627	32.762	656.04	26.745	0
"2011-11-17"	13:00:00"	9.7387	167.11	47.361	30.407	699.18	26.686	0
"2011-11-17"	14:00:00"	13.103	180.74	50.527	27.749	670.02	26.645	0
"2011-11-17"	15:00:00"	13.71	178.18	52.108	28.971	573.22	26.609	0
"2011-11-17"	16:00:00"	14.191	180.02	53.152	27.902	418.87	26.583	0
"2011-11-17"	17:00:00"	13.716	183.02	53.031	28.201	227.62	26.571	0
"2011-11-17"	18:00:00"	9.7717	178.54	51.579	29.824	49.306	26.55	0
"2011-11-17"	19:00:00"	6.0304	180.12	47.29	34.064	0.32157	26.553	0
"2011-11-17"	20:00:00"	3.768	181.72	44.777	36.941	0.15623	26.55	0
"2011-11-17"	21:00:00"	3.4169	190.76	42.777	39.655	0.17022	26.542	0
"2011-11-17"	22:00:00"	4.8883	152.68	43.623	40.887	0.12782	26.536	0
"2011-11-17"	23:00:00"	3.2193	210.72	42.038	46.104	0.14054	26.521	0
"2011-11-18"	00:00:00"	3.7077	195.37	41.033	53.309	0.1787	26.497	0
"2011-11-18"	01:00:00"	5.3724	200.43	40.11	62.719	0.15178	26.48	0
"2011-11-18"	02:00:00"	7.4596	195.53	39.901	69.269	0.12867	26.456	0
"2011-11-18"	03:00:00"	10.903	190.42	39.781	75.136	0.1751	26.444	0
"2011-11-18"	04:00:00"	7.3235	196.19	39.024	80.855	0.13736	26.438	0
"2011-11-18"	05:00:00"	7.2874	201.51	38.891	85.39	0.11786	26.426	0
"2011-11-18"	06:00:00"	7.5559	203.38	38.737	88.516	0.06889	26.42	0
"2011-11-18"	07:00:00"	7.5938	199.29	38.613	90.973	0.0761	26.42	0
"2011-11-18"	08:00:00"	9.1497	194.22	37.949	92.784	22.205	26.42	0
"2011-11-18"	09:00:00"	8.3574	202.39	39.484	93.17	120.03	26.429	0
"2011-11-18"	10:00:00"	12.521	187.47	45.041	80.013	346.02	26.426	0
"2011-11-18"	11:00:00"	11.688	188.57	50.255	64.999	521.87	26.412	0
"2011-11-18"	12:00:00"	10.736	196.09	56.593	49.741	634.66	26.391	0
"2011-11-18"	13:00:00"	12.061	208.03	61.266	40.06	679.97	26.353	0
"2011-11-18"	14:00:00"	12.507	215.44	64.683	33.996	658.63	26.32	0
"2011-11-18"	15:00:00"	11.966	212.08	69.049	26.441	565.15	26.296	0
"2011-11-18"	16:00:00"	13.598	225.75	72.562	17.401	414.45	26.276	0
"2011-11-18"	17:00:00"	16.196	219.8	72.487	16.181	225.91	26.267	0
"2011-11-18"	18:00:00"	13.298	219.65	70.391	15.573	46.995	26.273	0
"2011-11-18"	19:00:00"	8.8079	220.95	65.862	17.704	0.23742	26.285	0
"2011-11-18"	20:00:00"	6.8562	223.2	63.573	19.134	0.11553	26.282	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-18	21:00:00"	10.877	218.37	60.959	20.591	0.12592	26.282	0
"2011-11-18	22:00:00"	9.036	205.07	60.874	19.934	0.11044	26.288	0
"2011-11-18	23:00:00"	9.1807	196.2	52.976	50.051	0.13418	26.288	0
"2011-11-19	00:00:00"	11.843	197.75	50.673	66.152	0.12146	26.296	0
"2011-11-19	01:00:00"	9.2131	210.84	48.557	76.252	0.15411	26.285	0
"2011-11-19	02:00:00"	9.8133	195.78	49.263	78.861	0.1009	26.285	0
"2011-11-19	03:00:00"	7.198	199.1	47.822	85.11	0.10641	26.282	0
"2011-11-19	04:00:00"	7.0936	209.35	45.624	90.32	0.06253	26.279	0
"2011-11-19	05:00:00"	5.245	221.93	44.622	92.994	0.07186	26.273	0
"2011-11-19	06:00:00"	7.6323	194.36	43.534	93.715	0.0778	26.267	0
"2011-11-19	07:00:00"	5.9353	202.94	42.658	93.827	0.07525	26.279	0
"2011-11-19	08:00:00"	2.7999	235.34	42.541	89.882	27.491	26.296	0
"2011-11-19	09:00:00"	3.5685	215.9	46.228	68.517	154.52	26.326	0
"2011-11-19	10:00:00"	7.0165	188.97	52.786	50.23	366.5	26.341	0
"2011-11-19	11:00:00"	7.7528	207.89	59.037	35.516	433.41	26.347	0
"2011-11-19	12:00:00"	10.105	213.06	65.853	26.236	658.29	26.326	0
"2011-11-19	13:00:00"	12.049	226.64	70.022	19.226	384.55	26.299	0
"2011-11-19	14:00:00"	13.497	227.33	70.596	19.224	341.8	26.285	0
"2011-11-19	15:00:00"	12.895	228.76	71.105	18.623	338.82	26.276	0
"2011-11-19	16:00:00"	9.822	246.38	71.945	16.308	226.56	26.279	0
"2011-11-19	17:00:00"	7.9585	228.5	71.212	15.628	127.81	26.291	0
"2011-11-19	18:00:00"	11.502	217.73	69.451	16.594	40.578	26.311	0
"2011-11-19	19:00:00"	14.906	216.57	66.285	18.684	0.14648	26.323	0
"2011-11-19	20:00:00"	14.493	218.79	64.273	19.075	0.14711	26.335	0
"2011-11-19	21:00:00"	8.1431	232.28	62.824	20.373	0.10769	26.361	0
"2011-11-19	22:00:00"	6.1112	230.86	61.592	22.559	0.1168	26.37	0
"2011-11-19	23:00:00"	4.8877	264.23	60.451	24.601	0.0973	26.385	0
"2011-11-20	00:00:00"	7.8144	264.14	58.913	26.379	0.09306	26.391	0
"2011-11-20	01:00:00"	2.3301	299.87	57.061	28.594	0.09264	26.385	0
"2011-11-20	02:00:00"	5.13	317.52	56.859	29.335	0.11765	26.385	0
"2011-11-20	03:00:00"	4.8635	288.95	57.795	28.721	0.10811	26.376	0
"2011-11-20	04:00:00"	4.7777	182.45	54.631	31.899	0.14817	26.415	0
"2011-11-20	05:00:00"	5.8645	196.96	55.977	28.573	0.14839	26.418	0
"2011-11-20	06:00:00"	2.9826	266.18	54.04	30.606	0.10641	26.426	0
"2011-11-20	07:00:00"	2.0045	306.68	53.575	31.053	0.10811	26.441	0
"2011-11-20	08:00:00"	1.6777	342.87	52.851	32.564	9.0748	26.459	0
"2011-11-20	09:00:00"	3.0112	4.7555	54.447	32.588	64.238	26.497	0
"2011-11-20	10:00:00"	11.301	37.663	49.066	42.567	154.14	26.518	0
"2011-11-20	11:00:00"	11.7	33.675	50.555	41.669	536.71	26.53	0
"2011-11-20	12:00:00"	11.479	37.081	54.419	36.442	597.69	26.521	0
"2011-11-20	13:00:00"	10.404	55.629	56.869	33.415	616.81	26.497	0
"2011-11-20	14:00:00"	9.548	67.418	59.007	30.76	556.47	26.48	0
"2011-11-20	15:00:00"	8.7638	76.96	60.855	28.899	473.51	26.468	0
"2011-11-20	16:00:00"	8.7265	79.717	61.655	29.602	318.98	26.462	0
"2011-11-20	17:00:00"	8.5525	94.253	62.464	32.813	239.76	26.468	0
"2011-11-20	18:00:00"	5.6159	91.06	60.45	37.588	49.338	26.477	0
"2011-11-20	19:00:00"	5.5283	94.118	54.391	51.482	0.23615	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-20	20:00:00"	7.8467	102.02	51.669	60.285	0.1363	26.5	0
"2011-11-20	21:00:00"	5.8421	96.007	48.975	63.378	0.12401	26.506	0
"2011-11-20	22:00:00"	4.5068	88.698	46.945	65.561	0.13016	26.521	0
"2011-11-20	23:00:00"	4.0955	61.89	44.421	70.11	0.13821	26.512	0
"2011-11-21	00:00:00"	5.0443	23.964	43.63	74.872	0.14775	26.5	0
"2011-11-21	01:00:00"	6.2286	89.325	44.596	87.541	0.12062	26.491	0
"2011-11-21	02:00:00"	6.3504	88.328	47.332	93.193	0.09518	26.471	0
"2011-11-21	03:00:00"	5.9527	66.461	47.957	93.552	0.07652	26.462	0
"2011-11-21	04:00:00"	4.7361	52.431	47.69	93.789	0.06656	26.447	0
"2011-11-21	05:00:00"	7.3856	58.038	47.276	93.913	0.07462	26.447	0
"2011-11-21	06:00:00"	9.3131	71.221	47.382	94.112	0.08861	26.432	0
"2011-11-21	07:00:00"	9.9481	80.317	47.221	94.213	0.08946	26.441	0
"2011-11-21	08:00:00"	10.057	68.541	46.738	94.287	1.5025	26.438	0
"2011-11-21	09:00:00"	9.8077	74.058	46.393	94.356	12.977	26.453	0
"2011-11-21	10:00:00"	10.69	82	46.192	94.393	35.8	26.418	0
"2011-11-21	11:00:00"	11.71	85.801	46.155	94.439	83.807	26.406	0
"2011-11-21	12:00:00"	6.4274	80.278	47.194	94.372	101.32	26.415	0
"2011-11-21	13:00:00"	5.7576	74.283	47.748	94.239	126.73	26.379	0
"2011-11-21	14:00:00"	6.1926	93.768	48.756	94.133	191.7	26.344	0
"2011-11-21	15:00:00"	4.5795	118.28	50.672	93.979	200.02	26.347	0
"2011-11-21	16:00:00"	3.0733	236.93	52.651	93.48	149.18	26.353	0
"2011-11-21	17:00:00"	2.8751	207.11	55.261	81.941	187.2	26.385	0
"2011-11-21	18:00:00"	7.7236	299.42	56.421	72.214	36.861	26.391	0
"2011-11-21	19:00:00"	4.7317	318.95	51.596	71.209	0.21622	26.403	0
"2011-11-21	20:00:00"	2.5402	224.37	49.637	75.083	0.14711	26.426	0
"2011-11-21	21:00:00"	2.2469	36.538	49.28	69.654	0.10069	26.432	0
"2011-11-21	22:00:00"	4.1042	290	49.15	65.962	0.08479	26.45	0
"2011-11-21	23:00:00"	8.0592	291.61	51.279	61.214	0.13567	26.468	0
"2011-11-22	00:00:00"	6.5896	292.82	48.824	63.457	0.13397	26.483	0
"2011-11-22	01:00:00"	5.5302	281.04	46.741	66.602	0.12846	26.488	0
"2011-11-22	02:00:00"	6.2249	271.1	46.64	65.093	0.09348	26.483	0
"2011-11-22	03:00:00"	4.7926	257.11	46.349	63.807	0.14775	26.477	0
"2011-11-22	04:00:00"	5.7483	252.29	45.432	64.665	0.1575	26.483	0
"2011-11-22	05:00:00"	6.5623	274.07	45.6	64.274	0.17955	26.491	0
"2011-11-22	06:00:00"	6.2628	282.6	45.849	62.618	0.14775	26.503	0
"2011-11-22	07:00:00"	7.7914	285.98	44.527	65.627	0.13842	26.524	0
"2011-11-22	08:00:00"	10.089	300.48	43.02	68.072	22.267	26.545	0
"2011-11-22	09:00:00"	11.994	306.49	46.621	61.891	165.93	26.577	0
"2011-11-22	10:00:00"	15.193	312.34	53.358	49.599	358.56	26.601	0
"2011-11-22	11:00:00"	14.433	312.23	58.863	39.239	524.66	26.601	0
"2011-11-22	12:00:00"	12.982	327.42	62.93	31.332	636.88	26.592	0
"2011-11-22	13:00:00"	12.964	336.8	65.103	26.796	682.6	26.568	0
"2011-11-22	14:00:00"	10.24	341.11	66.561	23.846	656.93	26.556	0
"2011-11-22	15:00:00"	8.9776	332.29	67.635	22.52	562.11	26.556	0
"2011-11-22	16:00:00"	7.9946	331.7	68.147	21.585	407.98	26.562	0
"2011-11-22	17:00:00"	7.1526	335.19	67.772	20.774	220.97	26.577	0
"2011-11-22	18:00:00"	3.4231	337.22	64.537	22.755	46.319	26.583	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-22	19:00:00"	1.285	353.94	56.345	29.92	0.23042	26.598	0
"2011-11-22	20:00:00"	1.5721	354.27	53.923	32.541	0.13164	26.621	0
"2011-11-22	21:00:00"	2.4929	136.76	50.001	43.436	0.16174	26.645	0
"2011-11-22	22:00:00"	3.7121	134.32	49.946	70.794	0.13842	26.66	0
"2011-11-22	23:00:00"	3.069	124.01	48.159	80.06	0.09412	26.666	0
"2011-11-23	00:00:00"	2.6315	185.45	44.985	86.236	0.0903	26.669	0
"2011-11-23	01:00:00"	3.1013	133.79	45.095	88.074	0.08755	26.669	0
"2011-11-23	02:00:00"	2.6321	197.11	42.752	91.352	0.08013	26.663	0
"2011-11-23	03:00:00"	3.4586	229.76	43.416	89.796	0.06932	26.66	0
"2011-11-23	04:00:00"	3.4753	311.29	36.891	93.421	0.07737	26.66	0
"2011-11-23	05:00:00"	4.1346	325.53	35.277	93.787	0.09242	26.657	0
"2011-11-23	06:00:00"	2.9801	323.06	32.757	94.72	0.08988	26.663	0
"2011-11-23	07:00:00"	3.8059	337.69	33.54	94.818	0.0619	26.677	0
"2011-11-23	08:00:00"	6.7568	331.02	34.415	94.89	18.846	26.683	0
"2011-11-23	09:00:00"	6.0608	136.38	42.073	92.447	151.12	26.704	0
"2011-11-23	10:00:00"	2.4669	129.14	52.052	72.454	339.68	26.713	0
"2011-11-23	11:00:00"	7.0606	181.21	57.439	51.006	510.26	26.713	0
"2011-11-23	12:00:00"	7.7286	183.07	61.6	36.433	626.77	26.692	0
"2011-11-23	13:00:00"	10.394	188.59	65.586	26.376	677.51	26.666	0
"2011-11-23	14:00:00"	12.035	187.81	67.152	22.693	653.18	26.639	0
"2011-11-23	15:00:00"	10.954	194.44	67.979	21.343	562.79	26.624	0
"2011-11-23	16:00:00"	10.911	185.73	68.171	20.172	411.3	26.615	0
"2011-11-23	17:00:00"	10.572	186.83	67.608	20.027	222.41	26.615	0
"2011-11-23	18:00:00"	7.3465	174.9	64.78	21.25	46.339	26.609	0
"2011-11-23	19:00:00"	2.5035	170.97	57.801	26.145	0.1681	26.621	0
"2011-11-23	20:00:00"	1.5162	135.54	54.108	29.038	0.12613	26.63	0
"2011-11-23	21:00:00"	3.2417	104.17	53.583	29.293	0.17531	26.633	0
"2011-11-23	22:00:00"	7.7212	128.9	56.561	26.482	0.11299	26.633	0
"2011-11-23	23:00:00"	9.4684	141.72	55.053	31.899	0.10599	26.636	0
"2011-11-24	00:00:00"	7.5503	147.9	52.135	37.43	0.15029	26.618	0
"2011-11-24	01:00:00"	7.6379	155.94	50.773	41.502	0.11977	26.612	0
"2011-11-24	02:00:00"	3.1814	179.3	47.145	47.97	0.14181	26.607	0
"2011-11-24	03:00:00"	3.3274	189.16	45.595	53.329	0.14542	26.595	0
"2011-11-24	04:00:00"	4.8635	177.6	45.705	58.739	0.13355	26.58	0
"2011-11-24	05:00:00"	4.9213	174.05	44.879	67.349	0.14181	26.571	0
"2011-11-24	06:00:00"	3.5853	175.74	44.67	71.086	0.12125	26.568	0
"2011-11-24	07:00:00"	2.9428	237.21	42.932	75.911	0.13418	26.571	0
"2011-11-24	08:00:00"	3.5561	150.94	43.614	76.634	16.487	26.574	0
"2011-11-24	09:00:00"	5.0865	145.01	47.41	72.425	155.85	26.583	0
"2011-11-24	10:00:00"	11.505	181.14	52.813	61.371	358.72	26.58	0
"2011-11-24	11:00:00"	13.606	184.2	58.303	49.223	455.24	26.577	0
"2011-11-24	12:00:00"	11.608	185.95	61.694	41.56	597.73	26.562	0
"2011-11-24	13:00:00"	11.53	188.4	65.1	36.027	676.26	26.536	0
"2011-11-24	14:00:00"	10.592	189.71	68.775	29.106	605.28	26.512	0
"2011-11-24	15:00:00"	12.553	186.96	70.66	24.672	408.72	26.483	0
"2011-11-24	16:00:00"	13.3	184.89	71.021	24.196	261.32	26.485	0
"2011-11-24	17:00:00"	12.447	182.61	70.004	25.188	129.62	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-24	18:00:00"	6.8705	177.33	67.683	28.275	37.45	26.465	0
"2011-11-24	19:00:00"	5.0163	161.74	62.558	33.503	0.1327	26.465	0
"2011-11-24	20:00:00"	7.9312	151.84	59.954	38.509	0.10705	26.465	0
"2011-11-24	21:00:00"	7.9051	160.52	58.251	43.732	0.10514	26.471	0
"2011-11-24	22:00:00"	6.5039	178.12	55.784	51.427	0.12464	26.462	0
"2011-11-24	23:00:00"	9.8655	181.94	55.447	57.524	0.15051	26.459	0
"2011-11-25	00:00:00"	10.438	175.76	54.017	62.229	0.1611	26.441	0
"2011-11-25	01:00:00"	9.3156	181.21	52.824	64.547	0.10069	26.42	0
"2011-11-25	02:00:00"	7.4055	179.36	51.375	67.287	0.10387	26.409	0
"2011-11-25	03:00:00"	6.5927	184.07	51.238	67.619	0.12549	26.391	0
"2011-11-25	04:00:00"	7.938	190.54	51.202	68.168	0.11214	26.373	0
"2011-11-25	05:00:00"	6.2292	186.12	50.623	69.757	0.10747	26.361	0
"2011-11-25	06:00:00"	2.8142	244.74	50.269	70.798	0.1327	26.35	0
"2011-11-25	07:00:00"	2.0847	74.373	48.679	73.184	0.1257	26.338	0
"2011-11-25	08:00:00"	3.0354	26.183	46.461	77.529	11.858	26.344	0
"2011-11-25	09:00:00"	3.1218	257.76	47.618	76.795	55.161	26.364	0
"2011-11-25	10:00:00"	5.0735	270.74	50.824	72.99	96.514	26.373	0
"2011-11-25	11:00:00"	4.1501	284.66	51.417	73.417	91.655	26.361	0
"2011-11-25	12:00:00"	6.8761	161.21	50.825	80.771	65.532	26.329	0.01
"2011-11-25	13:00:00"	8.0536	155.84	51.416	84.164	214.81	26.288	0.01
"2011-11-25	14:00:00"	11.684	175.99	54.513	77.612	302.28	26.276	0
"2011-11-25	15:00:00"	10.194	212.79	56.62	69.001	260.65	26.267	0
"2011-11-25	16:00:00"	9.5362	206.3	58.071	63.048	300.66	26.276	0
"2011-11-25	17:00:00"	10.788	197.85	57.179	65.158	176.66	26.261	0
"2011-11-25	18:00:00"	10.423	219.29	56.641	67.559	38.1	26.267	0
"2011-11-25	19:00:00"	8.2288	220.41	54.642	67.733	0.16513	26.285	0
"2011-11-25	20:00:00"	4.4708	247.92	52.98	65.133	0.1257	26.305	0
"2011-11-25	21:00:00"	6.3063	254.11	52.367	62.621	0.15263	26.314	0
"2011-11-25	22:00:00"	7.2669	257.27	51.679	61.574	0.13334	26.317	0
"2011-11-25	23:00:00"	6.1733	249.28	49.712	66.106	0.10853	26.32	0
"2011-11-26	00:00:00"	6.3212	252.73	48.243	69.336	0.13418	26.326	0
"2011-11-26	01:00:00"	7.1414	286.19	48.666	65.612	0.12019	26.335	0
"2011-11-26	02:00:00"	6.392	293.06	45.928	70.401	0.13863	26.344	0
"2011-11-26	03:00:00"	7.6043	293.93	46.04	69.087	0.14457	26.358	0
"2011-11-26	04:00:00"	7.1402	302.33	44.267	72.583	0.16089	26.388	0
"2011-11-26	05:00:00"	11.288	328.7	42.497	72.092	0.16471	26.415	0
"2011-11-26	06:00:00"	13.345	335.33	42.628	73.415	0.15581	26.462	0
"2011-11-26	07:00:00"	16.861	351.44	44.84	72.3	0.12655	26.512	0
"2011-11-26	08:00:00"	18.477	357.19	44.679	69.422	6.4452	26.547	0
"2011-11-26	09:00:00"	25.841	8.1849	46.959	51.454	180.98	26.595	0
"2011-11-26	10:00:00"	33.179	3.8975	46.423	42.19	333.15	26.666	0
"2011-11-26	11:00:00"	28.845	8.7015	44.685	44.179	438.22	26.713	0
"2011-11-26	12:00:00"	28.556	9.7907	46.607	31.637	511.15	26.71	0
"2011-11-26	13:00:00"	30.516	4.0716	46.841	26.755	421.71	26.695	0
"2011-11-26	14:00:00"	30.172	3.3864	47.772	21.343	469.15	26.71	0
"2011-11-26	15:00:00"	28.092	356.9	47.996	19.027	439.33	26.725	0
"2011-11-26	16:00:00"	26.037	349.62	48.338	17.951	357.96	26.739	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-26	17:00:00"	25.149	351.39	47.166	20.21	190.16	26.754	0
"2011-11-26	18:00:00"	21.2	354.31	45.215	21.632	38.637	26.769	0
"2011-11-26	19:00:00"	18.14	347.61	42.976	24.708	0.23509	26.796	0
"2011-11-26	20:00:00"	13.812	350.26	40.4	28.004	0.17806	26.822	0
"2011-11-26	21:00:00"	12.094	344.18	37.793	31.602	0.18845	26.846	0
"2011-11-26	22:00:00"	9.2665	321.78	33.445	36.887	0.13948	26.858	0
"2011-11-26	23:00:00"	8.8384	318.65	30.656	40.792	0.16619	26.858	0
"2011-11-27	00:00:00"	8.9042	322.83	30.495	40.144	0.19099	26.869	0
"2011-11-27	01:00:00"	7.5596	313.91	28.287	43.323	0.20689	26.866	0
"2011-11-27	02:00:00"	7.2632	311.74	26.196	46.523	0.2071	26.866	0
"2011-11-27	03:00:00"	8.5563	318.46	27.19	44.887	0.20286	26.875	0
"2011-11-27	04:00:00"	8.6377	319.32	25.862	46.651	0.16746	26.875	0
"2011-11-27	05:00:00"	9.0677	320.46	25.392	47.734	0.20096	26.863	0
"2011-11-27	06:00:00"	7.4527	317.01	24.96	48.275	0.18633	26.866	0
"2011-11-27	07:00:00"	6.6319	292.69	22.171	53.3	0.17192	26.881	0
"2011-11-27	08:00:00"	5.9975	294.7	22.408	53.391	18.372	26.884	0
"2011-11-27	09:00:00"	5.0163	299.87	28.241	43.811	157.98	26.884	0
"2011-11-27	10:00:00"	6.4635	289.1	37.32	31.303	352.55	26.881	0
"2011-11-27	11:00:00"	9.2721	289.8	43.87	22.533	520.57	26.869	0
"2011-11-27	12:00:00"	9.5237	285.45	47.123	18.892	633.96	26.849	0
"2011-11-27	13:00:00"	9.3361	275.07	50.029	17.656	679.05	26.804	0
"2011-11-27	14:00:00"	8.4047	279.19	52.448	15.26	654.28	26.772	0
"2011-11-27	15:00:00"	7.2775	285.11	54.762	12.669	561.03	26.745	0
"2011-11-27	16:00:00"	6.6729	292.05	56.031	12.017	407.84	26.736	0
"2011-11-27	17:00:00"	5.8539	291.99	56.152	12.338	219.41	26.728	0
"2011-11-27	18:00:00"	4.1781	274.94	53.913	13.895	45.039	26.71	0
"2011-11-27	19:00:00"	3.7711	270.25	49.138	16.488	0.25162	26.704	0
"2011-11-27	20:00:00"	4.3832	319.06	43.587	20.5	0.1628	26.701	0
"2011-11-27	21:00:00"	3.2666	292.14	41.284	22.582	0.15432	26.692	0
"2011-11-27	22:00:00"	5.3034	270.08	40.782	23.145	0.14733	26.686	0
"2011-11-27	23:00:00"	4.8156	274.65	40.868	22.727	0.17849	26.672	0
"2011-11-28	00:00:00"	4.9455	282.64	37.025	26.623	0.19354	26.66	0
"2011-11-28	01:00:00"	6.9712	300.01	37.961	27.678	0.15856	26.642	0
"2011-11-28	02:00:00"	7.8523	301.76	37.847	30.621	0.19439	26.627	0
"2011-11-28	03:00:00"	7.39	302.08	37.324	34.167	0.1929	26.612	0
"2011-11-28	04:00:00"	8.2972	302.47	37.039	35.959	0.21071	26.601	0
"2011-11-28	05:00:00"	8.6632	306.64	36.495	37.835	0.16089	26.58	0
"2011-11-28	06:00:00"	9.3902	309.84	36.489	39.536	0.1664	26.568	0
"2011-11-28	07:00:00"	9.1447	306.01	36.272	40.729	0.15347	26.562	0
"2011-11-28	08:00:00"	8.7793	308.86	36.146	41.374	16.626	26.559	0
"2011-11-28	09:00:00"	8.4556	305.24	40.088	36.326	152.13	26.556	0
"2011-11-28	10:00:00"	6.9488	288.25	48.586	27.32	342.53	26.559	0
"2011-11-28	11:00:00"	9.5151	280.09	57.704	18.316	509.29	26.559	0
"2011-11-28	12:00:00"	10.883	275.9	62.525	15.495	622.07	26.539	0
"2011-11-28	13:00:00"	10.412	287.96	65.93	13.565	668.6	26.518	0
"2011-11-28	14:00:00"	9.1919	288.75	69.665	11.584	644.5	26.491	0
"2011-11-28	15:00:00"	8.5277	284.74	71.968	10.5	549.91	26.48	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-28	16:00:00"	7.5198	272.29	72.792	10.273	400.26	26.468	0
"2011-11-28	17:00:00"	6.1161	260.42	72.528	10.452	215.51	26.471	0
"2011-11-28	18:00:00"	3.5114	257.53	68.723	11.879	43.915	26.474	0
"2011-11-28	19:00:00"	1.4049	304.96	59.902	15.929	0.18463	26.477	0
"2011-11-28	20:00:00"	1.0358	294.65	53.683	19.568	0.13206	26.483	0
"2011-11-28	21:00:00"	2.3736	306	48.599	23.969	0.14287	26.494	0
"2011-11-28	22:00:00"	2.5538	302.72	47.741	25.734	0.13482	26.506	0
"2011-11-28	23:00:00"	4.019	314.11	48.402	25.385	0.1664	26.521	0
"2011-11-29	00:00:00"	3.9675	298.26	48.492	26.104	0.12104	26.527	0
"2011-11-29	01:00:00"	7.4148	332.79	45.735	29.36	0.15898	26.53	0
"2011-11-29	02:00:00"	8.6364	353.36	42.349	33.868	0.16683	26.536	0
"2011-11-29	03:00:00"	7.8069	353.42	42.838	33.593	0.13206	26.547	0
"2011-11-29	04:00:00"	10.663	356.5	42.77	33.765	0.15284	26.565	0
"2011-11-29	05:00:00"	13.85	359.71	43.533	34.249	0.14754	26.592	0
"2011-11-29	06:00:00"	17.005	4.3626	42.864	39.201	0.16895	26.604	0
"2011-11-29	07:00:00"	17.116	6.6309	40.448	45.396	0.1611	26.624	0
"2011-11-29	08:00:00"	16.208	10.246	39.14	49.337	15.323	26.648	0
"2011-11-29	09:00:00"	16.438	15.887	40.92	47.505	120.04	26.672	0
"2011-11-29	10:00:00"	16.111	35.54	44.327	43.119	268.18	26.698	0
"2011-11-29	11:00:00"	13.962	42.115	46.923	39.707	428.32	26.71	0
"2011-11-29	12:00:00"	11.274	47.73	49.305	36.001	474.83	26.71	0
"2011-11-29	13:00:00"	9.3902	47.153	51.482	32.82	530.55	26.689	0
"2011-11-29	14:00:00"	6.3517	60.603	53.663	29.761	543.97	26.669	0
"2011-11-29	15:00:00"	7.0867	47.276	55.412	27.861	445.38	26.654	0
"2011-11-29	16:00:00"	5.7918	57.91	55.576	27.299	264.95	26.645	0
"2011-11-29	17:00:00"	6.7574	37.37	55.7	27.006	188.97	26.651	0
"2011-11-29	18:00:00"	3.8059	65.151	54.413	27.937	55.468	26.654	0
"2011-11-29	19:00:00"	4.9101	353.79	46.656	35.534	0.13757	26.663	0
"2011-11-29	20:00:00"	5.8024	341.45	40.038	44.206	0.16004	26.672	0
"2011-11-29	21:00:00"	5.4488	340.18	38.283	48.366	0.17827	26.689	0
"2011-11-29	22:00:00"	6.6592	341.67	35.652	54.358	0.16831	26.695	0
"2011-11-29	23:00:00"	5.3028	336.84	34.932	57.759	0.19036	26.683	0
"2011-11-30	00:00:00"	5.0343	345.21	36.571	56.258	0.17149	26.683	0
"2011-11-30	01:00:00"	4.3079	314.82	34.418	60.124	0.15242	26.666	0
"2011-11-30	02:00:00"	4.6062	287.17	33.741	63.777	0.11892	26.657	0
"2011-11-30	03:00:00"	5.9863	286.93	32.338	65.063	0.18909	26.642	0
"2011-11-30	04:00:00"	5.9645	285.32	29.039	71.794	0.19566	26.624	0
"2011-11-30	05:00:00"	5.8285	283.2	30.84	69.875	0.12676	26.604	0
"2011-11-30	06:00:00"	5.4662	251.8	35.948	59.779	0.21919	26.592	0
"2011-11-30	07:00:00"	6.7903	248.01	36.724	57.828	0.1486	26.595	0
"2011-11-30	08:00:00"	7.2905	260.73	36.416	58.699	13.589	26.595	0
"2011-11-30	09:00:00"	4.536	229.82	37.628	56.085	144.5	26.583	0
"2011-11-30	10:00:00"	9.9742	184.65	42.915	47.146	336.89	26.574	0
"2011-11-30	11:00:00"	13.131	185.63	48.627	36.881	506.11	26.556	0
"2011-11-30	12:00:00"	14.685	186.1	52.328	30.738	620.69	26.527	0
"2011-11-30	13:00:00"	14.556	186.58	55.081	27.217	667.13	26.48	0
"2011-11-30	14:00:00"	12.626	188.24	57.411	24.301	645.51	26.438	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-11-30	15:00:00"	11.549	187.22	59.477	22.314	554.03	26.406	0
"2011-11-30	16:00:00"	12.463	188.32	60.666	20.957	403.8	26.391	0
"2011-11-30	17:00:00"	12.705	190.33	60.988	20.053	215.75	26.37	0
"2011-11-30	18:00:00"	9.3013	182.59	58.358	21.648	43.145	26.358	0
"2011-11-30	19:00:00"	2.972	178.01	52.275	26.61	0.20329	26.356	0
"2011-11-30	20:00:00"	4.1825	157.48	50.314	29.596	0.14542	26.353	0
"2011-11-30	21:00:00"	9.6723	148.53	48.996	33.455	0.12825	26.344	0
"2011-11-30	22:00:00"	6.809	168.55	46.502	37.997	0.15029	26.347	0
"2011-11-30	23:00:00"	8.0449	180.36	46.505	40.419	0.15326	26.356	0
"2011-12-01	00:00:00"	7.526	181.73	44.825	47.726	0.18209	26.347	0
"2011-12-01	01:00:00"	8.6371	182.45	42.931	53.639	0.13545	26.338	0
"2011-12-01	02:00:00"	8.1002	190.05	42.165	55.714	0.15496	26.32	0
"2011-12-01	03:00:00"	5.6899	198.85	40.444	58.699	0.11023	26.317	0
"2011-12-01	04:00:00"	5.9956	199	39.761	59.997	0.15644	26.317	0
"2011-12-01	05:00:00"	7.3415	200.59	40.715	58.283	0.15241	26.32	0
"2011-12-01	06:00:00"	7.165	240.54	40.054	59.023	0.12168	26.341	0
"2011-12-01	07:00:00"	6.886	232.05	40.479	57.897	0.12782	26.358	0
"2011-12-01	08:00:00"	9.3038	204.09	41.354	57.094	12.449	26.37	0
"2011-12-01	09:00:00"	5.2872	187.85	41.995	58.432	99.718	26.397	0
"2011-12-01	10:00:00"	6.799	146.12	45.499	54.092	177.65	26.453	0
"2011-12-01	11:00:00"	11.854	21.315	47.186	48.481	376.21	26.474	0
"2011-12-01	12:00:00"	11.525	35.59	51.026	41.579	480.39	26.471	0
"2011-12-01	13:00:00"	12.148	34.24	55.975	32.746	639.47	26.462	0
"2011-12-01	14:00:00"	16.208	33.544	55.932	31.886	624.03	26.477	0
"2011-12-01	15:00:00"	16.742	37.309	55.546	32.403	525.26	26.483	0
"2011-12-01	16:00:00"	18.842	34.744	54.486	35.118	371.38	26.503	0
"2011-12-01	17:00:00"	19.34	32.619	51.905	38.883	189.52	26.518	0
"2011-12-01	18:00:00"	17.894	29.232	48.151	44.149	31.545	26.571	0
"2011-12-01	19:00:00"	18.811	30.833	45.513	46.797	0.19502	26.601	0
"2011-12-01	20:00:00"	21.609	19.482	42.19	50.849	0.15602	26.636	0
"2011-12-01	21:00:00"	21.853	15.937	39.7	56.442	0.16534	26.686	0
"2011-12-01	22:00:00"	22.699	21.581	38.344	61.269	0.13673	26.683	0
"2011-12-01	23:00:00"	21.138	21.02	36.904	66.183	0.15856	26.716	0
"2011-12-02	00:00:00"	19.836	24.519	35.545	70.096	0.14393	26.692	0
"2011-12-02	01:00:00"	18.665	23.449	34.424	73.936	0.21325	26.692	0
"2011-12-02	02:00:00"	16.981	14.561	33.465	76.476	0.14881	26.695	0
"2011-12-02	03:00:00"	15.481	6.6889	32.855	78.694	0.17891	26.707	0
"2011-12-02	04:00:00"	12.627	15.942	31.53	88.439	0.1238	26.71	0
"2011-12-02	05:00:00"	11.298	21.166	30.937	91.412	0.09666	26.689	0
"2011-12-02	06:00:00"	12.982	7.6766	30.348	91.778	0.07758	26.677	0
"2011-12-02	07:00:00"	5.5998	8.2874	30.169	92.125	0.10557	26.68	0
"2011-12-02	08:00:00"	22.643	301.13	30.042	91.898	3.1823	26.683	0
"2011-12-02	09:00:00"	28.374	312.37	31.503	91.339	19.939	26.674	0
"2011-12-02	10:00:00"	13.799	20.746	31.354	92.116	51.963	26.674	0
"2011-12-02	11:00:00"	32.661	50.456	32.583	92.47	60.141	26.66	0
"2011-12-02	12:00:00"	36.085	30.396	33.059	92.012	74.075	26.642	0
"2011-12-02	13:00:00"	9.5662	28.748	32	87.2	111.1	26.583	0

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"2011-12-02	14:00:00"	16.989	54.162	32.006	92.317	83.21	26.562	0.01
"2011-12-02	15:00:00"	10.194	18.31	32.151	92.119	51.036	26.524	0
"2011-12-02	16:00:00"	4.0451	66.228	32.277	93.106	42.6	26.506	0
"2011-12-02	17:00:00"	13.645	77.556	32.491	84.882	12.044	26.491	0
"2011-12-02	18:00:00"	31.641	99.303	32.575	93.596	2.6429	26.465	0
"2011-12-02	19:00:00"	33.088	92.246	32.578	94.586	0.07525	26.459	0
"2011-12-02	20:00:00"	22.033	124.59	32.84	94.688	0.08649	26.444	0
"2011-12-02	21:00:00"	10.562	199.73	32.966	94.644	0.07059	26.435	0
"2011-12-02	22:00:00"	7.2874	211.82	33.003	94.719	0.06762	0	0
"2011-12-02	23:00:00"	7.2645	184.52	33.024	95.038	0.09052	0	0
"2011-12-03	00:00:00"	6.6567	183.16	33.073	94.869	0.08013	0	0
"2011-12-03	01:00:00"	3.9875	184.47	33.252	95.139	0.06976	26.35	0.01
"2011-12-03	02:00:00"	3.3883	234.28	33.429	95.147	0.08416	26.323	0
"2011-12-03	03:00:00"	3.4337	232.48	33.609	95.181	0.06868	26.341	0.02
"2011-12-03	04:00:00"	2.6036	232.67	33.881	95.234	0.09052	26.35	0
"2011-12-03	05:00:00"	6.6512	234.3	34.315	94.848	0.07907	0	0.01
"2011-12-03	06:00:00"	4.8392	234.9	34.515	94.937	0.08797	0	0
"2011-12-03	07:00:00"	4.4639	233.78	34.278	95.053	0.0973	26.344	0.01
"2011-12-03	08:00:00"	5.8291	224.44	33.526	94.882	4.3621	0	0
"2011-12-03	09:00:00"	4.4266	229.76	33.854	95.244	121.61	26.385	0
"2011-12-03	10:00:00"	6.21	228.35	37.839	91.839	298.13	26.406	0
"2011-12-03	11:00:00"	6.8133	243.38	45.743	80.322	476.86	26.418	0
"2011-12-03	12:00:00"	8.9856	263.19	51.339	63.34	597.61	26.409	0
"2011-12-03	13:00:00"	8.8141	272.78	54.324	49.686	647.01	26.403	0
"2011-12-03	14:00:00"	9.7251	271.14	56.591	37.562	624.64	26.4	0
"2011-12-03	15:00:00"	11.388	279.59	57.275	32.345	536.67	26.4	0
"2011-12-03	16:00:00"	11.619	286.6	56.537	35.522	387.68	26.415	0
"2011-12-03	17:00:00"	7.636	290.1	55.942	35.234	204.63	26.429	0
"2011-12-03	18:00:00"	7.7634	325.29	52.487	41.596	38.454	26.435	0
"2011-12-03	19:00:00"	8.1878	330.59	45.818	54.169	0.16577	26.465	0
"2011-12-03	20:00:00"	11.441	347.99	46.965	54.456	0.16534	26.485	0
"2011-12-03	21:00:00"	14.241	1.1503	43.119	67.861	0.12888	26.509	0
"2011-12-03	22:00:00"	12.173	7.2108	38.814	77.376	0.138	26.521	0
"2011-12-03	23:00:00"	11.257	20.305	35.86	75.908	0.12698	26.533	0
"2011-12-04	00:00:00"	10.621	15.15	34.21	77.085	0.15263	26.524	0
"2011-12-04	01:00:00"	10.95	5.948	31.932	80.666	0.16725	26.506	0
"2011-12-04	02:00:00"	12.603	359.51	30.184	82.963	0.17128	26.503	0
"2011-12-04	03:00:00"	11.793	354.2	29.65	83.089	0.18379	26.509	0
"2011-12-04	04:00:00"	5.45	336.7	29.035	84.785	0.16958	26.518	0
"2011-12-04	05:00:00"	8.3755	338.93	29.079	86.061	0.13376	26.509	0
"2011-12-04	06:00:00"	6.8966	329.65	28.995	86.47	0.17128	26.515	0
"2011-12-04	07:00:00"	6.5573	339.9	29.288	85.925	0.17467	26.53	0
"2011-12-04	08:00:00"	6.9121	352.56	29.462	82.686	6.6822	26.539	0
"2011-12-04	09:00:00"	7.7907	354.84	30.145	80.643	42.006	26.545	0
"2011-12-04	10:00:00"	3.151	15.041	31.533	77.114	103.42	26.539	0
"2011-12-04	11:00:00"	4.7442	157.57	33.174	73.837	204.81	26.521	0
"2011-12-04	12:00:00"	4.5839	173.78	35.533	69.102	291.12	26.506	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-04	13:00:00"	3.3697	252.92	37.918	63.643	287.56	26.48	0
"2011-12-04	14:00:00"	3.8127	219.22	39.503	63.907	208.63	26.444	0
"2011-12-04	15:00:00"	4.1358	131.42	40.275	61.43	218.93	26.426	0
"2011-12-04	16:00:00"	4.4068	24.164	41.252	59.946	149.37	26.412	0
"2011-12-04	17:00:00"	5.8365	27.898	41.179	61.967	101.22	26.4	0
"2011-12-04	18:00:00"	5.3369	60.995	40.899	62.735	30.931	26.406	0
"2011-12-04	19:00:00"	5.1909	16.657	39.072	68.101	0.16132	26.406	0
"2011-12-04	20:00:00"	6.553	22.564	38.66	70.389	0.13228	26.426	0
"2011-12-04	21:00:00"	8.4059	14.733	37.845	72.649	0.15114	26.441	0
"2011-12-04	22:00:00"	5.4165	7.6762	35.916	80.588	0.12252	26.521	0
"2011-12-04	23:00:00"	4.6988	14.791	32.732	93.367	0.07017	26.509	0
"2011-12-05	00:00:00"	15.423	99.596	32.553	94.45	0.0831	26.512	0
"2011-12-05	01:00:00"	26.969	90.247	32.368	94.827	0.06571	26.5	0
"2011-12-05	02:00:00"	8.642	157.9	32.138	94.994	0.09518	26.485	0
"2011-12-05	03:00:00"	14.087	185.53	30.763	94.697	0.11256	26.506	0
"2011-12-05	04:00:00"	19.064	179.87	30.325	94.532	0.11044	26.509	0
"2011-12-05	05:00:00"	22.744	174.38	30.2	94.508	0.1132	26.524	0
"2011-12-05	06:00:00"	26.818	180.91	29.737	94.401	0.09136	26.553	0
"2011-12-05	07:00:00"	23.945	202.92	28.92	93.762	0.09878	26.586	0
"2011-12-05	08:00:00"	19.713	214.55	28.529	93.736	2.0361	0	0
"2011-12-05	09:00:00"	20.143	194.18	28.51	93.64	29.474	0	0
"2011-12-05	10:00:00"	24.325	86.567	29.448	93.407	96.391	26.636	0
"2011-12-05	11:00:00"	25.569	157.99	28.314	92.547	195.57	26.63	0
"2011-12-05	12:00:00"	30.807	127.22	28.577	92.091	219.71	26.624	0
"2011-12-05	13:00:00"	25.316	129.37	28.358	92.022	117.64	26.618	0
"2011-12-05	14:00:00"	27.775	240.37	27.897	91.96	96.049	26.592	0
"2011-12-05	15:00:00"	31.282	223.01	27.151	91.75	95.096	26.592	0
"2011-12-05	16:00:00"	15.342	228.68	26.14	91.056	61.083	0	0
"2011-12-05	17:00:00"	15.874	0.67988	24.479	90.513	31.924	26.621	0
"2011-12-05	18:00:00"	13.223	230.63	23.387	89.945	9.9518	26.627	0
"2011-12-05	19:00:00"	13.161	225	23.025	89.949	0.28193	0	0
"2011-12-05	20:00:00"	19.596	233.29	21.243	88.249	0.2425	26.66	0
"2011-12-05	21:00:00"	16.948	235.31	20.602	87.141	0.24696	26.674	0
"2011-12-05	22:00:00"	15.501	236.03	20.152	86.522	0.25861	26.689	0
"2011-12-05	23:00:00"	12.527	225	19.58	86.4	0.30991	26.689	0
"2011-12-06	00:00:00"	12.948	235.72	19.473	85.812	0.24865	26.695	0
"2011-12-06	01:00:00"	12.938	225	19.435	85.662	0.28024	0	0
"2011-12-06	02:00:00"	12.43	236.31	18.36	86.122	0.23678	26.698	0
"2011-12-06	03:00:00"	11.013	237.42	17.619	85.74	0.2247	26.695	0
"2011-12-06	04:00:00"	10.038	225	16.922	85.362	0.31182	0	0
"2011-12-06	05:00:00"	7.293	236.68	13.699	86.206	0.29126	26.68	0
"2011-12-06	06:00:00"	7.1383	225	13.691	85.96	0.25459	0	0
"2011-12-06	07:00:00"	9.0192	236.91	13.968	84.445	0.25374	26.669	0
"2011-12-06	08:00:00"	5.3693	238.02	12.408	85.362	5.0239	0	0
"2011-12-06	09:00:00"	9.968	335.94	14.853	83.859	74.447	26.71	0
"2011-12-06	10:00:00"	10.422	333.99	15.701	79.67	320.42	26.713	0
"2011-12-06	11:00:00"	8.6215	333.83	17.238	76.857	512.16	26.71	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-06	12:00:00"	7.5559	315.85	19.044	74.797	673.08	26.692	0
"2011-12-06	13:00:00"	5.7458	288.19	21.738	73.079	702.28	26.66	0
"2011-12-06	14:00:00"	6.3224	272.64	23.715	73.696	645.65	26.633	0
"2011-12-06	15:00:00"	6.9674	256.05	25.851	74.888	525.56	26.609	0
"2011-12-06	16:00:00"	8.1965	251.28	28.269	73.878	362.2	26.604	0
"2011-12-06	17:00:00"	9.7816	257.77	28.93	72.397	200.49	26.604	0
"2011-12-06	18:00:00"	8.3313	261.88	27.547	77.816	40.368	26.604	0
"2011-12-06	19:00:00"	5.3363	265.95	23.883	85.957	0.24081	26.604	0
"2011-12-06	20:00:00"	5.2593	266.7	22.935	87.974	0.15517	26.618	0
"2011-12-06	21:00:00"	5.4034	269	22.467	88.029	0.17022	26.633	0
"2011-12-06	22:00:00"	6.0565	266.61	21.317	88.632	0.11362	26.636	0
"2011-12-06	23:00:00"	4.5926	276.38	20.644	87.951	0.17658	26.645	0
"2011-12-07	00:00:00"	5.0027	275.64	20.383	87.843	0.17743	26.648	0
"2011-12-07	01:00:00"	3.0882	292.75	19.712	87.642	0.17849	26.651	0
"2011-12-07	02:00:00"	3.6965	298.14	18.95	88.476	0.21664	26.648	0
"2011-12-07	03:00:00"	5.6023	306.75	20.792	85.419	0.17594	26.642	0
"2011-12-07	04:00:00"	6.2684	302.2	20.754	83.452	0.14839	26.642	0
"2011-12-07	05:00:00"	6.612	305.89	21.719	79.496	0.16937	26.642	0
"2011-12-07	06:00:00"	8.1586	300.57	22.047	79.589	0.17573	26.645	0
"2011-12-07	07:00:00"	11.203	311.83	22.693	78.319	0.16238	26.648	0
"2011-12-07	08:00:00"	10.589	316.48	24.674	74.109	9.873	26.648	0
"2011-12-07	09:00:00"	8.9434	322.06	28.085	68.547	128.93	26.654	0
"2011-12-07	10:00:00"	7.1843	319.14	34.47	61.227	314.47	26.666	0.01
"2011-12-07	11:00:00"	6.187	325.54	37.938	56.456	484.19	26.672	0.01
"2011-12-07	12:00:00"	6.1485	317.65	40.223	52.849	597.85	26.657	0.04
"2011-12-07	13:00:00"	7.1538	314.96	42.568	47.393	644.94	26.633	0.09
"2011-12-07	14:00:00"	4.733	305.27	44.943	46.086	621.9	26.609	0.03
"2011-12-07	15:00:00"	4.2651	270.28	47.354	40.272	535.62	26.595	0
"2011-12-07	16:00:00"	4.9567	206.81	48.728	45.052	391.33	26.58	0
"2011-12-07	17:00:00"	7.6279	187.72	47.619	42.831	181.37	26.574	0
"2011-12-07	18:00:00"	4.866	200.28	44.872	45.416	33.75	26.568	0
"2011-12-07	19:00:00"	4.1514	222.98	41.226	53.227	0.22449	26.565	0
"2011-12-07	20:00:00"	4.6566	234.3	41.396	49.227	0.13906	26.574	0
"2011-12-07	21:00:00"	4.3602	256.56	38.932	55.172	0.13757	26.568	0
"2011-12-07	22:00:00"	4.5304	246.7	36.304	64.333	0.1185	26.565	0
"2011-12-07	23:00:00"	4.6826	221.49	35.185	67.173	0.14033	26.547	0
"2011-12-08	00:00:00"	4.4819	235.46	33.839	70.241	0.21537	26.536	0
"2011-12-08	01:00:00"	6.9333	237.72	35.016	63.325	0.17022	26.524	0
"2011-12-08	02:00:00"	7.088	241.07	33.766	65.56	0.17594	26.509	0
"2011-12-08	03:00:00"	8.3444	247.26	32.646	68.064	0.14457	26.488	0
"2011-12-08	04:00:00"	8.2046	235.25	32.393	69.109	0.14796	26.48	0
"2011-12-08	05:00:00"	7.1886	243.4	31.77	70.98	0.17721	26.477	0
"2011-12-08	06:00:00"	7.4148	236.5	31.05	72.631	0.16195	26.468	0
"2011-12-08	07:00:00"	7.4596	231.18	29.888	75.028	0.15453	26.474	0
"2011-12-08	08:00:00"	8.5432	242.6	28.949	76.868	8.3249	26.477	0
"2011-12-08	09:00:00"	5.5215	253.72	29.549	76.393	126.74	26.488	0
"2011-12-08	10:00:00"	3.8743	228.53	32.627	72.023	313.64	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-08	11:00:00"	6.5151	217.09	36.308	67.528	486.33	26.485	0
"2011-12-08	12:00:00"	6.9364	220.11	40.99	59.516	601.76	26.474	0
"2011-12-08	13:00:00"	6.4262	229.78	47.307	48.338	642.21	26.444	0
"2011-12-08	14:00:00"	5.4445	242.08	51.92	38.692	590.07	26.426	0
"2011-12-08	15:00:00"	5.9527	259.35	54.293	34.574	444.23	26.415	0
"2011-12-08	16:00:00"	5.1108	271.59	55.963	32.311	371.03	26.409	0
"2011-12-08	17:00:00"	4.3508	268.88	56.436	32.219	199.81	26.415	0
"2011-12-08	18:00:00"	3.0764	271.07	52.952	39.884	40.208	26.42	0
"2011-12-08	19:00:00"	4.3142	317.39	44.468	53.025	0.11638	26.441	0
"2011-12-08	20:00:00"	4.4329	299.66	38.102	65.588	0.13715	26.459	0
"2011-12-08	21:00:00"	6.2553	321.2	37.927	65.356	0.16322	26.474	0
"2011-12-08	22:00:00"	5.3985	318.91	36.356	70.437	0.14075	26.488	0
"2011-12-08	23:00:00"	11.991	352.67	36.335	71.679	0.15157	26.506	0
"2011-12-09	00:00:00"	12.849	357.43	33.931	78.744	0.15665	26.515	0
"2011-12-09	01:00:00"	14.316	357.12	32.569	81.637	0.18251	26.518	0
"2011-12-09	02:00:00"	13.815	351.59	32.016	82.923	0.12867	26.53	0
"2011-12-09	03:00:00"	14.585	347.73	31.356	84.685	0.13948	26.539	0
"2011-12-09	04:00:00"	15.05	348.64	31.243	84.49	0.18887	26.539	0
"2011-12-09	05:00:00"	13.924	346.84	30.148	85.473	0.11002	26.542	0
"2011-12-09	06:00:00"	13.266	345.77	29.547	85.684	0.15983	26.559	0
"2011-12-09	07:00:00"	12.613	344.38	28.804	86.535	0.1645	26.586	0
"2011-12-09	08:00:00"	13.679	348.26	28.615	86.55	4.003	26.612	0
"2011-12-09	09:00:00"	13.448	349.79	30.115	83.779	111.76	26.642	0
"2011-12-09	10:00:00"	12.984	3.7155	33.964	77.589	302.61	26.677	0
"2011-12-09	11:00:00"	9.8469	26.32	37.506	72.527	466.76	26.686	0
"2011-12-09	12:00:00"	7.6994	50.346	41.106	65.599	583.13	26.68	0
"2011-12-09	13:00:00"	7.6509	57.999	43.818	58.917	633	26.669	0
"2011-12-09	14:00:00"	8.0107	57.392	45.767	54.553	613.37	26.651	0
"2011-12-09	15:00:00"	7.8616	38.081	47.044	51.531	525	26.654	0
"2011-12-09	16:00:00"	7.0513	33.383	47.376	49.734	380.81	26.663	0
"2011-12-09	17:00:00"	7.5273	36.337	47.184	50.401	198.65	26.677	0
"2011-12-09	18:00:00"	6.7114	4.3631	44.388	57.032	37.471	26.698	0
"2011-12-09	19:00:00"	5.5339	344.04	38.738	70.322	0.17086	26.719	0
"2011-12-09	20:00:00"	6.9979	2.2715	36.515	78.197	0.13397	26.745	0
"2011-12-09	21:00:00"	5.6122	336.58	32.717	84.993	0.14287	26.763	0
"2011-12-09	22:00:00"	4.5969	331.46	30.646	88.161	0.14627	26.778	0
"2011-12-09	23:00:00"	4.4565	326.34	29.412	88.974	0.13206	26.787	0
"2011-12-10	00:00:00"	4.6715	332.28	28.972	90.465	0.11722	26.796	0
"2011-12-10	01:00:00"	4.2118	335.48	28.354	90.267	0.11648	26.793	0
"2011-12-10	02:00:00"	4.7212	330.82	25.735	92.455	0.16577	26.793	0
"2011-12-10	03:00:00"	4.7504	335.01	26.207	92.836	0.11977	26.787	0
"2011-12-10	04:00:00"	5.1201	342.79	25.309	93.544	0.09942	26.784	0
"2011-12-10	05:00:00"	5.0194	22.57	26.306	93.841	0.10154	26.781	0
"2011-12-10	06:00:00"	7.3017	71.571	26.973	93.696	0.10048	26.781	0
"2011-12-10	07:00:00"	6.717	62.271	26.66	93.567	0.12189	26.819	0
"2011-12-10	08:00:00"	7.0774	71.49	26.333	93.418	0.93462	26.825	0
"2011-12-10	09:00:00"	6.6182	81.845	26.366	93.455	23.204	26.837	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-10	10:00:00"	4.4919	97.204	27.303	93.534	62.95	26.852	0
"2011-12-10	11:00:00"	4.5018	62.721	27.849	93.35	131.1	26.846	0
"2011-12-10	12:00:00"	12.483	77.384	28.333	93.346	171.75	26.831	0
"2011-12-10	13:00:00"	16.008	111.8	28.821	93.488	139.46	26.801	0
"2011-12-10	14:00:00"	3.8544	87.86	28.945	93.399	166.56	26.763	0
"2011-12-10	15:00:00"	12.375	277.06	29.64	93.595	116.57	26.742	0
"2011-12-10	16:00:00"	11.814	266.43	29.634	94.051	53.363	26.736	0
"2011-12-10	17:00:00"	12.388	257.73	29.681	94.288	26.88	26.728	0
"2011-12-10	18:00:00"	13.466	299.76	29.999	94.534	5.4733	26.722	0
"2011-12-10	19:00:00"	23.356	250.29	30.316	94.405	0.07589	0	0
"2011-12-10	20:00:00"	20.35	187.59	31.037	94.989	0.06444	26.734	0
"2011-12-10	21:00:00"	20.306	218.66	31.729	94.573	0.08246	0	0
"2011-12-10	22:00:00"	22.896	187.32	32.177	95.049	0.07843	26.728	0
"2011-12-10	23:00:00"	48.183	225	32.359	95.036	0.07398	0	0
"2011-12-11	00:00:00"	9.3709	186.46	32.54	95.403	0.08797	26.731	0.01
"2011-12-11	01:00:00"	28.033	218.47	32.72	95.404	0.0797	26.719	0.01
"2011-12-11	02:00:00"	13.199	226.93	32.975	95.15	0.07907	26.701	0
"2011-12-11	03:00:00"	8.0306	225	33.077	95.135	0.06974	0	0
"2011-12-11	04:00:00"	11.521	195.02	33.457	95.536	0.09497	26.666	0
"2011-12-11	05:00:00"	14.54	225	33.44	95.5	0.06677	26.666	0.01
"2011-12-11	06:00:00"	7.454	212.24	33.841	95.311	0.08458	26.627	0
"2011-12-11	07:00:00"	5.1306	225	33.975	95.334	0.06041	0	0
"2011-12-11	08:00:00"	4.8137	211.9	35.203	95.522	0.76546	26.618	0
"2011-12-11	09:00:00"	5.2102	212.6	35.806	94.97	18.365	0	0
"2011-12-11	10:00:00"	8.3898	197.08	37.308	94.881	47.378	0	0
"2011-12-11	11:00:00"	11.633	183.38	38.25	95.036	64.085	26.612	0
"2011-12-11	12:00:00"	12.89	203.36	38.799	94.689	87.313	26.589	0
"2011-12-11	13:00:00"	12.543	189.66	39.382	94.924	97.996	26.556	0
"2011-12-11	14:00:00"	14.446	192.16	39.476	94.874	74.565	26.533	0
"2011-12-11	15:00:00"	12.273	216.56	39.53	94.59	66.591	0	0
"2011-12-11	16:00:00"	11.311	196.79	39.655	94.914	43.583	26.503	0
"2011-12-11	17:00:00"	9.8624	216.38	39.731	94.933	27.57	26.494	0
"2011-12-11	18:00:00"	8.9794	214.67	39.706	94.94	5.3635	26.491	0
"2011-12-11	19:00:00"	5.816	225	39.74	95.2	0.07822	26.491	0
"2011-12-11	20:00:00"	8.6507	215.79	39.538	94.986	0.07801	26.509	0
"2011-12-11	21:00:00"	12.303	225	39.38	95.3	0.0761	26.509	0
"2011-12-11	22:00:00"	11.881	213.98	39.224	95.06	0.06571	26.512	0
"2011-12-11	23:00:00"	11.408	225	38.84	95.4	0.09179	26.512	0
"2011-12-12	00:00:00"	11.377	225	38.821	95.135	0.08585	0	0
"2011-12-12	01:00:00"	11.128	215.06	38.812	95.415	0.06105	26.506	0
"2011-12-12	02:00:00"	11.856	225	38.84	95.4	0.07822	26.506	0
"2011-12-12	03:00:00"	11.823	225	38.821	95.135	0.05766	0	0
"2011-12-12	04:00:00"	8.6035	215.05	39.157	95.421	0.06041	26.483	0
"2011-12-12	05:00:00"	8.5003	225	39.2	95.4	0.07059	26.483	0
"2011-12-12	06:00:00"	8.4767	225	39.18	95.135	0.08098	0	0
"2011-12-12	07:00:00"	7.5857	215.13	39.921	95.4	0.09158	26.497	0
"2011-12-12	08:00:00"	7.6056	225	39.92	95.4	1.3391	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-12"	09:00:00"	6.6356	212.34	40.146	94.87	22.969	0	0
"2011-12-12"	10:00:00"	5.7508	166.01	40.845	95.073	58.375	26.53	0
"2011-12-12"	11:00:00"	5.8949	195.5	41.577	95.017	85.223	26.53	0
"2011-12-12"	12:00:00"	5.332	150.56	42.276	94.903	122.02	26.497	0
"2011-12-12"	13:00:00"	6.2125	124.58	43.2	95.009	136.5	26.483	0
"2011-12-12"	14:00:00"	6.1124	152.01	43.589	94.982	97.742	26.465	0
"2011-12-12"	15:00:00"	6.0435	185.88	44.099	94.709	74.545	26.456	0
"2011-12-12"	16:00:00"	8.1667	211.86	43.893	94.667	51.569	26.45	0
"2011-12-12"	17:00:00"	6.4827	211.87	44.285	94.472	27.603	0	0
"2011-12-12"	18:00:00"	6.63	211.83	44.926	95	4.0751	26.459	0
"2011-12-12"	19:00:00"	6.0229	225	44.924	94.736	0.07207	0	0
"2011-12-12"	20:00:00"	8.9826	211.86	44.793	95.1	0.07292	26.483	0
"2011-12-12"	21:00:00"	9.6188	225	44.78	95.1	0.07229	26.483	0
"2011-12-12"	22:00:00"	9.6188	225	44.78	95.1	0.08225	26.483	0
"2011-12-12"	23:00:00"	9.5921	225	44.745	94.836	0.08373	0	0
"2011-12-13"	00:00:00"	10.059	213.59	44.78	95.1	0.08225	26.509	0
"2011-12-13"	01:00:00"	10.737	225	44.78	95.1	0.07864	26.509	0
"2011-12-13"	02:00:00"	10.737	225	44.78	95.1	0.07758	26.509	0
"2011-12-13"	03:00:00"	10.737	225	44.78	95.1	0.08437	26.509	0
"2011-12-13"	04:00:00"	10.737	225	44.78	95.1	0.0744	26.509	0
"2011-12-13"	05:00:00"	9.858	213.49	45.434	94.836	0.09136	26.477	0
"2011-12-13"	06:00:00"	9.1714	225	46.22	95.1	0.07186	26.477	0.01
"2011-12-13"	07:00:00"	9.1714	225	46.22	95.1	0.06169	26.477	0
"2011-12-13"	08:00:00"	9.1714	225	46.22	95.1	0.32369	26.477	0
"2011-12-13"	09:00:00"	9.1714	225	46.22	95.1	9.5098	26.477	0
"2011-12-13"	10:00:00"	11.604	216.25	46.811	94.8	30.372	26.494	0
"2011-12-13"	11:00:00"	13.949	201.66	47.484	94.745	53.413	26.497	0
"2011-12-13"	12:00:00"	11.283	217.67	47.817	94.472	87.43	0	0
"2011-12-13"	13:00:00"	12.847	194.29	48.757	94.667	91.577	0	0
"2011-12-13"	14:00:00"	13.629	166.8	50.176	94.859	133.13	26.4	0
"2011-12-13"	15:00:00"	15.214	166.74	51.825	93.906	152.48	26.388	0
"2011-12-13"	16:00:00"	12.739	161.56	53.748	87.18	105.08	26.367	0
"2011-12-13"	17:00:00"	12.278	171.05	53.628	85.862	62.961	26.361	0
"2011-12-13"	18:00:00"	10.066	225	53.06	87.8	10.844	26.361	0
"2011-12-13"	19:00:00"	8.7445	215.12	52.821	88.592	0.15178	26.358	0
"2011-12-13"	20:00:00"	7.3819	225	52.7	89.9	0.12761	26.358	0
"2011-12-13"	21:00:00"	7.3819	225	52.7	89.9	0.10345	26.358	0
"2011-12-13"	22:00:00"	7.3614	225	52.643	89.651	0.13228	0	0
"2011-12-13"	23:00:00"	12.03	218.19	51.819	91.019	0.12464	26.382	0
"2011-12-14"	00:00:00"	12.079	225	51.8	91	0.09158	26.382	0
"2011-12-14"	01:00:00"	12.079	225	51.8	91	0.09009	26.382	0
"2011-12-14"	02:00:00"	12.046	225	51.745	90.747	0.09878	0	0
"2011-12-14"	03:00:00"	7.8038	218.39	50.72	93.594	0.06508	26.364	0
"2011-12-14"	04:00:00"	7.8293	225	50.72	93.6	0.0778	26.364	0
"2011-12-14"	05:00:00"	7.8293	225	50.72	93.6	0.10027	26.364	0
"2011-12-14"	06:00:00"	7.8293	225	50.72	93.6	0.06105	26.364	0
"2011-12-14"	07:00:00"	7.8075	225	50.668	93.34	0.08479	0	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-14	08:00:00"	3.6891	232.85	47.063	94.079	0.91808	26.42	0
"2011-12-14	09:00:00"	4.5484	217.62	46.52	93.329	28.435	0	0
"2011-12-14	10:00:00"	4.8809	222.15	47.721	84.974	102.63	26.459	0
"2011-12-14	11:00:00"	6.1342	234.47	49.186	80.814	221.38	26.465	0
"2011-12-14	12:00:00"	8.78	257.78	52.731	64.833	337.64	26.465	0
"2011-12-14	13:00:00"	15.513	277.46	56.65	40.346	444.11	26.45	0
"2011-12-14	14:00:00"	15.176	273.96	57.645	32.559	434.3	26.438	0
"2011-12-14	15:00:00"	14.096	278.87	57.205	31.732	408.19	26.42	0
"2011-12-14	16:00:00"	15.091	279.9	60.065	27.919	377.7	26.423	0
"2011-12-14	17:00:00"	12.861	279.09	59.767	24.969	197.72	26.435	0
"2011-12-14	18:00:00"	8.5699	278.7	57.096	24.881	44.469	26.438	0
"2011-12-14	19:00:00"	3.6456	277.36	51.985	30.254	0.21664	26.453	0
"2011-12-14	20:00:00"	5.1829	273.62	49.004	34.136	0.14097	26.468	0
"2011-12-14	21:00:00"	4.4739	280.9	44.451	44.597	0.14902	26.483	0
"2011-12-14	22:00:00"	7.6832	309.96	42.98	47.476	0.16556	26.488	0
"2011-12-14	23:00:00"	14.137	332.63	42.604	54.634	0.12401	26.477	0
"2011-12-15	00:00:00"	15.216	331.16	43.231	56.9	0.15983	26.483	0
"2011-12-15	01:00:00"	10.161	323.28	41.484	59.571	0.18497	26.491	0
"2011-12-15	02:00:00"	6.8084	310.97	38.136	66.327	0.1611	26.5	0
"2011-12-15	03:00:00"	6.4685	313.44	36.864	68.869	0.17149	26.503	0
"2011-12-15	04:00:00"	4.9859	287.9	36.962	67.191	0.13842	26.509	0
"2011-12-15	05:00:00"	6.4306	299.11	34.162	73.949	0.17679	26.503	0
"2011-12-15	06:00:00"	7.4987	314.9	36.175	72.549	0.17721	26.512	0
"2011-12-15	07:00:00"	11.579	339.81	38.133	68.809	0.17594	26.533	0
"2011-12-15	08:00:00"	8.4749	324.04	35.749	73.821	2.0918	26.547	0
"2011-12-15	09:00:00"	11.626	349.94	37.189	70.826	60.652	26.565	0
"2011-12-15	10:00:00"	11.845	20.105	40.358	65.202	173.65	26.583	0
"2011-12-15	11:00:00"	11.887	52.23	43.253	60.304	265.62	26.592	0
"2011-12-15	12:00:00"	13.399	66.846	45.072	56.632	247.76	26.583	0
"2011-12-15	13:00:00"	13.036	72.155	46.731	53.409	419.8	26.562	0
"2011-12-15	14:00:00"	11.704	76.964	50.129	46.84	642.68	26.536	0
"2011-12-15	15:00:00"	9.187	79.327	50.751	44.331	319.93	26.539	0
"2011-12-15	16:00:00"	8.5557	59.721	49.916	46.504	166.07	26.547	0
"2011-12-15	17:00:00"	8.1611	53.287	49.109	46.594	116.47	26.553	0
"2011-12-15	18:00:00"	8.898	19.324	47.066	49.956	14.045	26.574	0
"2011-12-15	19:00:00"	7.9517	8.0943	45.21	52.276	0.17616	26.601	0
"2011-12-15	20:00:00"	6.5791	17.195	44.258	55.508	0.184	26.63	0
"2011-12-15	21:00:00"	5.6427	357.09	42.392	61.304	0.12973	26.642	0
"2011-12-15	22:00:00"	7.1358	356.49	40.83	66.261	0.13249	26.66	0
"2011-12-15	23:00:00"	11.109	52.558	38.149	72.568	0.15538	26.66	0
"2011-12-16	00:00:00"	4.8399	344.08	35.698	77.843	0.20477	26.674	0
"2011-12-16	01:00:00"	7.8728	342.45	33.143	83.865	0.20647	26.672	0
"2011-12-16	02:00:00"	6.3945	338.86	32.782	85.73	0.14754	26.669	0
"2011-12-16	03:00:00"	4.8206	327.18	31.023	89.329	0.18845	26.677	0
"2011-12-16	04:00:00"	6.3628	338.73	30.315	91.075	0.13609	26.68	0
"2011-12-16	05:00:00"	5.2046	325.29	29.112	92.03	0.13461	26.683	0
"2011-12-16	06:00:00"	5.286	337.5	29.665	92.365	0.14224	26.683	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-16	07:00:00"	6.3293	335.75	27.565	92.915	0.13291	26.701	0
"2011-12-16	08:00:00"	6.6356	341.11	27.553	92.468	3.2537	26.722	0
"2011-12-16	09:00:00"	6.4411	348.44	29.319	88.076	78.986	26.751	0
"2011-12-16	10:00:00"	8.0486	49.063	34.344	77.007	340.8	26.76	0
"2011-12-16	11:00:00"	8.6439	57.868	37.653	66.437	439.18	26.772	0
"2011-12-16	12:00:00"	7.8349	67.125	41.326	59.933	586.65	26.76	0
"2011-12-16	13:00:00"	4.8442	70.67	43.892	54.27	623.43	26.748	0
"2011-12-16	14:00:00"	4.5124	68.146	46.032	49.29	602.92	26.728	0
"2011-12-16	15:00:00"	4.9865	88.542	47.422	45.797	520.27	26.722	0
"2011-12-16	16:00:00"	4.9492	75.257	48.36	44.886	375.98	26.719	0
"2011-12-16	17:00:00"	5.4351	64.35	48.272	45.695	166.47	26.736	0
"2011-12-16	18:00:00"	4.0781	50.671	47.561	47.619	27.486	26.751	0
"2011-12-16	19:00:00"	5.0312	345.83	45.377	53.748	0.22321	26.769	0
"2011-12-16	20:00:00"	4.7317	344.18	42.75	59.853	0.15729	26.784	0
"2011-12-16	21:00:00"	3.5903	293.11	40.053	64.114	0.17276	26.79	0
"2011-12-16	22:00:00"	3.8631	302.85	37.735	67.614	0.1734	26.793	0
"2011-12-16	23:00:00"	4.1458	233.35	36.878	66.822	0.17382	26.81	0
"2011-12-17	00:00:00"	4.2054	241.84	37.014	64.301	0.16513	26.807	0
"2011-12-17	01:00:00"	4.444	287.03	33.245	72.305	0.19333	26.801	0
"2011-12-17	02:00:00"	4.1949	293.66	33.082	74.051	0.12867	26.793	0
"2011-12-17	03:00:00"	3.9973	292.93	32.467	76.728	0.18591	26.793	0
"2011-12-17	04:00:00"	5.0263	299.88	32.076	78.341	0.14436	26.798	0
"2011-12-17	05:00:00"	4.0805	289.55	32.85	74.623	0.18061	26.787	0
"2011-12-17	06:00:00"	4.2235	280.34	33.307	74.996	0.14563	26.79	0
"2011-12-17	07:00:00"	4.1874	295.3	34.285	76.999	0.21664	26.81	0
"2011-12-17	08:00:00"	3.7202	293.69	35.574	79.753	1.9553	26.819	0
"2011-12-17	09:00:00"	6.2957	331.46	37.447	72.389	52.523	26.831	0
"2011-12-17	10:00:00"	8.6066	348.96	40.596	60.333	152.98	26.855	0
"2011-12-17	11:00:00"	4.2986	5.7464	43.617	48.363	205.1	26.86	0
"2011-12-17	12:00:00"	3.1323	144.31	45.802	39.065	301.38	26.837	0
"2011-12-17	13:00:00"	5.3885	149.63	46.992	35.942	294.57	26.81	0
"2011-12-17	14:00:00"	5.0716	159.66	48.097	35.981	269.65	26.781	0
"2011-12-17	15:00:00"	6.2106	157.5	48.626	37.096	184.27	26.763	0
"2011-12-17	16:00:00"	5.611	154.62	49.003	38.763	116.57	26.754	0
"2011-12-17	17:00:00"	5.2618	176.62	49.271	40.291	87.176	26.754	0
"2011-12-17	18:00:00"	6.315	187.16	49.328	39.687	15.083	26.751	0
"2011-12-17	19:00:00"	4.2247	193.67	48.695	41.739	0.15496	26.748	0
"2011-12-17	20:00:00"	4.5056	166.3	47.633	45.053	0.13673	26.742	0
"2011-12-17	21:00:00"	3.164	185.71	46.15	46.581	0.14987	26.748	0
"2011-12-17	22:00:00"	2.8683	238.46	46.313	46.345	0.14796	26.757	0
"2011-12-17	23:00:00"	2.8944	135.79	46.93	44.793	0.1539	26.748	0
"2011-12-18	00:00:00"	2.8857	149.79	46.556	48.162	0.12952	26.745	0
"2011-12-18	01:00:00"	6.7419	174.9	46.418	55.94	0.17743	26.728	0
"2011-12-18	02:00:00"	4.367	179.18	46.122	57.511	0.13651	26.713	0
"2011-12-18	03:00:00"	7.2104	160.16	46.174	59.184	0.14817	26.692	0
"2011-12-18	04:00:00"	7.8895	165.61	45.584	69.599	0.13482	26.68	0
"2011-12-18	05:00:00"	6.3591	181.34	45.5	75.479	0.17382	26.66	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-18	06:00:00"	6.1311	169.15	45.804	71.058	0.1734	26.648	0
"2011-12-18	07:00:00"	6.1982	174.72	45.375	71.377	0.14733	26.642	0
"2011-12-18	08:00:00"	7.206	180.02	44.82	72.968	1.3819	26.645	0
"2011-12-18	09:00:00"	7.0265	214.31	44.105	75.996	40.069	0	0
"2011-12-18	10:00:00"	7.5733	173.55	43.958	79.723	107.9	26.654	0
"2011-12-18	11:00:00"	5.8247	180.04	44.759	78.677	174.65	26.636	0
"2011-12-18	12:00:00"	5.7906	182.29	46.43	74.68	286.72	26.612	0
"2011-12-18	13:00:00"	7.7665	170.55	48.012	73.551	346.47	26.565	0
"2011-12-18	14:00:00"	6.7239	174.49	49.594	69.726	381.51	26.527	0
"2011-12-18	15:00:00"	8.258	155.45	51.806	64.153	275.82	26.468	0
"2011-12-18	16:00:00"	9.6555	153.79	52.583	63.503	254.52	26.459	0
"2011-12-18	17:00:00"	10.886	147.55	50.687	72.381	186.34	26.462	0
"2011-12-18	18:00:00"	11.564	161.32	49.475	77.151	12.241	26.438	0
"2011-12-18	19:00:00"	11.108	153.41	47.544	81.898	0.15347	26.415	0
"2011-12-18	20:00:00"	8.9651	127.14	46.422	86.379	0.11956	26.403	0
"2011-12-18	21:00:00"	9.0882	133.64	46.322	87.845	0.18315	26.373	0
"2011-12-18	22:00:00"	6.7686	124.1	46.289	88.725	0.15029	26.385	0
"2011-12-18	23:00:00"	4.4353	156.72	46.346	90.05	0.11934	26.373	0
"2011-12-19	00:00:00"	5.5998	178.82	46.214	91.893	0.08522	26.326	0.02
"2011-12-19	01:00:00"	12.819	111.61	46.958	93.367	0.06511	26.243	0.07
"2011-12-19	02:00:00"	16.129	128.29	48.256	93.45	0.05766	26.243	0
"2011-12-19	03:00:00"	11.218	176.98	48.714	94.028	0.0708	26.234	0.04
"2011-12-19	04:00:00"	8.14	178.61	48.43	94.101	0.09179	26.178	0.05
"2011-12-19	05:00:00"	9.5554	149.71	48.9	94.174	0.07716	26.164	0.04
"2011-12-19	06:00:00"	11.225	208.65	48.674	93.656	0.0655	26.178	0.13
"2011-12-19	07:00:00"	8.9322	224.77	47.246	69.129	0.08564	0	0.04
"2011-12-19	08:00:00"	5.1524	221.65	46.407	84.851	0.41739	26.208	0
"2011-12-19	09:00:00"	8.1505	224.03	45.749	86.363	37.051	0	0
"2011-12-19	10:00:00"	14.341	219.52	45.168	80.525	235.58	26.217	0
"2011-12-19	11:00:00"	17.408	228.47	46.516	70.953	436.95	26.226	0
"2011-12-19	12:00:00"	17.066	235.14	48.69	63.549	511.59	26.211	0
"2011-12-19	13:00:00"	17.528	227.79	49.439	60.819	600.98	26.187	0
"2011-12-19	14:00:00"	19.28	228.52	50.016	55.794	569.46	26.175	0
"2011-12-19	15:00:00"	18.539	233.43	49.664	55.221	470.83	26.172	0
"2011-12-19	16:00:00"	16.069	234.78	50.146	54.482	396.58	26.181	0
"2011-12-19	17:00:00"	15.302	234.42	50.101	54.078	192.96	26.193	0
"2011-12-19	18:00:00"	17.109	256.65	48.237	57.425	46.014	26.234	0
"2011-12-19	19:00:00"	15.146	275.29	44.079	72.319	0.16026	26.276	0
"2011-12-19	20:00:00"	15.976	299.48	40.355	77.053	0.15199	26.314	0
"2011-12-19	21:00:00"	17.986	325.08	37.847	72.999	0.17128	26.338	0
"2011-12-19	22:00:00"	17.239	327.3	35.787	72.991	0.16132	26.356	0
"2011-12-19	23:00:00"	16.934	328.73	34.968	71.067	0.12337	26.394	0
"2011-12-20	00:00:00"	14.724	325.39	34.004	71.197	0.17086	26.406	0
"2011-12-20	01:00:00"	14.354	324.08	33.675	70.763	0.12719	26.418	0
"2011-12-20	02:00:00"	10.505	307.21	32.693	76.71	0.17128	26.415	0
"2011-12-20	03:00:00"	8.6967	307.09	31.799	80.96	0.19205	26.42	0
"2011-12-20	04:00:00"	13.966	327.26	32.701	75.301	0.19905	26.429	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-20	05:00:00"	14.194	325.76	31.897	72.518	0.15496	26.438	0
"2011-12-20	06:00:00"	11.776	325.17	30.765	75.812	0.18251	26.429	0
"2011-12-20	07:00:00"	10.661	321.75	30.214	75.291	0.20138	26.45	0
"2011-12-20	08:00:00"	13.441	328.84	30.509	71.114	2.1317	26.477	0
"2011-12-20	09:00:00"	12.688	328.57	31.388	67.541	107.22	26.491	0
"2011-12-20	10:00:00"	16.563	335.98	33.643	60.286	317.76	26.518	0
"2011-12-20	11:00:00"	14.919	331.14	35.373	56.745	437.34	26.524	0
"2011-12-20	12:00:00"	13.228	324.33	37.49	53.689	496.43	26.497	0
"2011-12-20	13:00:00"	13.477	326.14	39.373	51.794	633.18	26.465	0
"2011-12-20	14:00:00"	12.815	323.12	41.265	49.878	613.35	26.432	0
"2011-12-20	15:00:00"	10.758	312.21	43.298	47.982	530.93	26.415	0
"2011-12-20	16:00:00"	9.7195	317.74	44.024	47.475	390.08	26.397	0
"2011-12-20	17:00:00"	8.3947	323.94	44.104	48.312	212.5	26.394	0
"2011-12-20	18:00:00"	6.5325	329.1	42.383	53.1	47.001	26.4	0
"2011-12-20	19:00:00"	4.203	299.53	36.984	66.758	0.27388	26.403	0
"2011-12-20	20:00:00"	5.2792	280.82	34.386	72.191	0.18909	26.406	0
"2011-12-20	21:00:00"	6.4716	277.77	33.762	74.109	0.1787	26.4	0
"2011-12-20	22:00:00"	4.692	281.43	32.885	77.328	0.1929	26.403	0
"2011-12-20	23:00:00"	4.6311	272.33	32.567	79.867	0.20435	26.394	0
"2011-12-21	00:00:00"	4.7572	244.88	33.679	74.855	0.18421	26.385	0
"2011-12-21	01:00:00"	4.8541	237.57	33.792	71.794	0.18103	26.367	0
"2011-12-21	02:00:00"	7.2241	249.16	33.942	69.628	0.13016	26.358	0
"2011-12-21	03:00:00"	5.6781	272.61	30.9	78.606	0.18039	26.344	0
"2011-12-21	04:00:00"	5.665	265.15	29.771	80.43	0.15538	26.341	0
"2011-12-21	05:00:00"	6.5455	260.38	29.982	78.676	0.20308	26.338	0
"2011-12-21	06:00:00"	6.8475	256.56	30.483	77.153	0.18718	26.341	0
"2011-12-21	07:00:00"	6.4877	246.83	31.939	72.484	0.18803	26.344	0
"2011-12-21	08:00:00"	6.1932	230.67	31.372	73.574	3.6321	26.35	0
"2011-12-21	09:00:00"	5.4196	219.41	31.407	74.458	100.17	26.353	0
"2011-12-21	10:00:00"	8.7228	205.18	34.548	70.483	277.41	26.361	0
"2011-12-21	11:00:00"	11.509	191.8	38.706	63.781	449.47	26.356	0
"2011-12-21	12:00:00"	9.4361	210.25	44.049	54.743	571.08	26.326	0
"2011-12-21	13:00:00"	9.6586	215.88	48.562	48.427	628.43	26.279	0
"2011-12-21	14:00:00"	7.9132	219.41	51.714	42.246	615.88	26.249	0
"2011-12-21	15:00:00"	7.2508	215.66	54.676	38.052	535.78	26.229	0
"2011-12-21	16:00:00"	7.9262	230.51	58.137	32.066	394.72	26.223	0
"2011-12-21	17:00:00"	8.7129	226.81	57.924	32.474	215.4	26.232	0
"2011-12-21	18:00:00"	3.1945	244.49	54.817	36.42	48.086	26.234	0
"2011-12-21	19:00:00"	3.7388	222.07	50.281	43.526	0.35167	26.261	0
"2011-12-21	20:00:00"	5.0654	243.13	47.665	48.278	0.12337	26.273	0
"2011-12-21	21:00:00"	5.2754	282.8	44.491	54.902	0.13694	26.288	0
"2011-12-21	22:00:00"	6.2727	261.09	44.701	53.754	0.18697	26.302	0
"2011-12-21	23:00:00"	6.1398	290.6	42.462	60.349	0.13567	26.314	0
"2011-12-22	00:00:00"	5.4873	293.43	37.295	72.284	0.16598	26.308	0
"2011-12-22	01:00:00"	4.4552	283.01	34.646	77.15	0.17976	26.305	0
"2011-12-22	02:00:00"	5.4047	268.56	35.103	77.917	0.15665	26.317	0
"2011-12-22	03:00:00"	7.4428	258.91	37.848	71.253	0.18315	26.338	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-22	04:00:00"	7.4695	252.61	37.822	71.751	0.15135	26.341	0
"2011-12-22	05:00:00"	7.485	299.22	35.713	78.536	0.17827	26.364	0
"2011-12-22	06:00:00"	11.1	325.37	34.838	79.799	0.18591	26.391	0
"2011-12-22	07:00:00"	8.9055	315.68	32.986	78.445	0.21325	26.423	0
"2011-12-22	08:00:00"	16.906	344.49	33.777	70.734	3.2952	26.462	0
"2011-12-22	09:00:00"	19.495	350.39	33.633	69.688	98.166	26.497	0
"2011-12-22	10:00:00"	18.386	358.25	35.132	68.31	275.5	26.539	0
"2011-12-22	11:00:00"	16.668	3.3782	37.166	66.076	446.89	26.559	0
"2011-12-22	12:00:00"	16.079	9.052	39.061	63.88	569.2	26.565	0
"2011-12-22	13:00:00"	13.766	19.398	40.414	61.525	616.17	26.547	0
"2011-12-22	14:00:00"	12.388	12.559	41.221	60.092	603	26.545	0
"2011-12-22	15:00:00"	11.506	15.638	42.277	57.158	516.89	26.545	0
"2011-12-22	16:00:00"	14.082	7.0722	42.77	55.927	300.83	26.559	0
"2011-12-22	17:00:00"	15.212	11.89	40.432	60.454	118.18	26.586	0
"2011-12-22	18:00:00"	15.31	13.82	35.967	70.634	18.446	26.604	0
"2011-12-22	19:00:00"	12.827	11.352	34.243	75.655	0.17107	26.63	0
"2011-12-22	20:00:00"	13.859	18.286	33.531	77.092	0.20541	26.651	0
"2011-12-22	21:00:00"	13.719	14.008	33.003	77.317	0.16704	26.666	0
"2011-12-22	22:00:00"	12.512	12.692	32.615	75.714	0.15856	26.669	0
"2011-12-22	23:00:00"	13.717	19	31.69	79.69	0.29274	26.663	0
"2011-12-23	00:00:00"	12.813	14.62	30.553	81.01	0.17679	26.686	0
"2011-12-23	01:00:00"	11.413	8.6745	30.347	81.901	0.19248	26.698	0
"2011-12-23	02:00:00"	12.28	10.1	29.809	81.613	0.16725	26.689	0
"2011-12-23	03:00:00"	14.594	9.122	29.094	78.807	0.21897	26.674	0
"2011-12-23	04:00:00"	11.438	19.356	28.865	78.606	0.21834	26.686	0
"2011-12-23	05:00:00"	10.522	27.534	28.912	78.99	0.21834	26.683	0
"2011-12-23	06:00:00"	10.575	10.825	28.802	81.362	0.2071	26.707	0
"2011-12-23	07:00:00"	10.655	14.742	28.384	81.022	0.17976	26.722	0
"2011-12-23	08:00:00"	9.0602	7.8256	28.13	81.212	0.70632	26.731	0
"2011-12-23	09:00:00"	10.427	9.3573	27.856	80.798	13.553	26.751	0
"2011-12-23	10:00:00"	9.6803	21.283	27.746	79.162	49.618	26.769	0
"2011-12-23	11:00:00"	8.2735	24.239	27.927	76.189	101.23	26.766	0
"2011-12-23	12:00:00"	9.5076	9.5779	28.303	75.861	148.72	26.748	0
"2011-12-23	13:00:00"	10.837	7.1716	28.86	73.231	210.12	26.713	0
"2011-12-23	14:00:00"	11.195	3.7246	29.672	70.735	188.33	26.68	0
"2011-12-23	15:00:00"	12.799	0.31565	30.552	70.415	130.9	26.68	0
"2011-12-23	16:00:00"	12.608	358.02	29.099	82.897	85.805	26.677	0
"2011-12-23	17:00:00"	11.523	356.3	29.05	87.407	39.495	26.68	0
"2011-12-23	18:00:00"	12.027	355.75	29.125	87.122	7.0066	26.686	0
"2011-12-23	19:00:00"	10.752	331.16	29.302	84.19	0.22067	0	0
"2011-12-23	20:00:00"	12.206	331.35	29.101	85.193	0.19015	26.725	0
"2011-12-23	21:00:00"	12.012	236.14	28.508	89.393	0.21262	0	0
"2011-12-23	22:00:00"	12.815	269.21	28.375	89.71	0.18591	0	0
"2011-12-23	23:00:00"	11.572	268.88	29.019	88.421	0.21113	26.728	0
"2011-12-24	00:00:00"	9.0161	236.11	29.032	89.067	0.18739	0	0
"2011-12-24	01:00:00"	4.2427	259.89	28.063	91.482	0.18887	26.725	0
"2011-12-24	02:00:00"	4.1042	237.69	27.602	92.335	0.21834	26.713	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-24	03:00:00"	4.0296	237.88	27.243	92.892	0.20032	26.716	0
"2011-12-24	04:00:00"	6.5288	237.18	26.927	92.924	0.20732	26.71	0
"2011-12-24	05:00:00"	7.5099	235.73	26.347	92.348	0.23572	26.698	0
"2011-12-24	06:00:00"	5.6918	237.46	26.038	92.06	0.25014	26.707	0
"2011-12-24	07:00:00"	5.7999	225	25.897	92.343	0.23021	0	0
"2011-12-24	08:00:00"	11.154	237.76	26.744	93.106	1.1646	26.731	0
"2011-12-24	09:00:00"	13.306	235.76	26.824	91.569	33.043	0	0
"2011-12-24	10:00:00"	13.065	329.02	27.344	91.467	113.1	26.778	0
"2011-12-24	11:00:00"	10.412	235.05	27.794	91.15	193.48	0	0
"2011-12-24	12:00:00"	11.776	343.83	28.748	89.835	340.52	26.763	0
"2011-12-24	13:00:00"	10.215	7.4545	29.198	88.751	289.14	26.734	0
"2011-12-24	14:00:00"	9.3317	5.7979	29.753	89.279	398.03	26.713	0
"2011-12-24	15:00:00"	8.6812	12.264	30.865	89.566	268.44	26.704	0
"2011-12-24	16:00:00"	6.6984	37.158	31.628	91.002	189.25	26.707	0
"2011-12-24	17:00:00"	5.611	358.93	31.864	92.066	91.896	26.719	0
"2011-12-24	18:00:00"	4.5254	328.11	31.772	93.138	24.95	26.725	0
"2011-12-24	19:00:00"	4.838	318.37	31.371	94.024	0.17891	26.734	0
"2011-12-24	20:00:00"	5.3631	263.32	30.959	93.565	0.18145	0	0
"2011-12-24	21:00:00"	4.3303	238.25	30.566	94.238	0.15792	0	0
"2011-12-24	22:00:00"	5.6321	260.16	30.548	94.713	0.14817	26.754	0
"2011-12-24	23:00:00"	5.0505	236.84	30.63	94.542	0.16047	26.763	0
"2011-12-25	00:00:00"	5.2301	237.76	31.009	94.716	0.12337	26.76	0
"2011-12-25	01:00:00"	8.2536	225	31.821	94.836	0.11277	0	0
"2011-12-25	02:00:00"	7.3104	238.19	31.271	95.017	0.15305	26.742	0
"2011-12-25	03:00:00"	10.439	238.17	30.22	94.018	0.21028	26.739	0
"2011-12-25	04:00:00"	12.107	237.96	29.904	93.769	0.2247	26.736	0
"2011-12-25	05:00:00"	14.316	225	30.2	94	0.1628	26.736	0
"2011-12-25	06:00:00"	15.028	237.73	30.475	93.135	0.18824	26.728	0
"2011-12-25	07:00:00"	15.615	225	30.564	92.841	0.21389	0	0
"2011-12-25	08:00:00"	13.886	238.01	30.183	92.835	1.3904	26.742	0
"2011-12-25	09:00:00"	10.92	238.25	30.45	92.317	32.366	0	0
"2011-12-25	10:00:00"	9.7903	302.74	31.119	90.543	87.447	26.804	0
"2011-12-25	11:00:00"	11.83	267.55	31.625	87.657	229.61	26.813	0
"2011-12-25	12:00:00"	13.521	344.09	32.578	83.418	374.51	26.79	0.01
"2011-12-25	13:00:00"	14.295	344.14	33.511	81.376	516.53	26.757	0
"2011-12-25	14:00:00"	13.824	347.27	33.878	81.097	344.17	26.751	0.03
"2011-12-25	15:00:00"	13.757	344.27	33.483	83.054	218.33	26.734	0.02
"2011-12-25	16:00:00"	13.574	344.6	33.639	81.674	185.64	26.731	0.01
"2011-12-25	17:00:00"	12.266	338.8	33.755	81.575	107.14	26.728	0
"2011-12-25	18:00:00"	10.797	335.11	33.126	85.037	20.575	26.725	0.01
"2011-12-25	19:00:00"	7.6099	324.55	32.815	86.994	0.28257	26.731	0
"2011-12-25	20:00:00"	9.1366	332.34	32.689	88.903	0.15898	26.731	0
"2011-12-25	21:00:00"	8.2717	330.14	32.573	87.45	0.14054	26.722	0
"2011-12-25	22:00:00"	6.0807	313.93	32.137	87.365	0.1486	26.719	0
"2011-12-25	23:00:00"	5.1611	289.21	31.691	88.472	0.18336	26.71	0
"2011-12-26	00:00:00"	5.9384	275.32	31.137	90.754	0.11998	26.692	0
"2011-12-26	01:00:00"	6.2312	285.81	30.751	92.043	0.15157	26.663	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-26"	02:00:00"	7.234	282.94	30.029	92.445	0.15453	26.645	0
"2011-12-26"	03:00:00"	8.0673	281.58	30.37	90.638	0.14563	26.63	0
"2011-12-26"	04:00:00"	8.4016	279.71	29.758	89.605	0.14033	26.612	0
"2011-12-26"	05:00:00"	8.5674	233.79	28.837	87.618	0.21007	0	0
"2011-12-26"	06:00:00"	8.9565	233.93	27.153	88.445	0.21134	0	0
"2011-12-26"	07:00:00"	8.0654	251.19	25.517	87.025	0.17976	26.571	0
"2011-12-26"	08:00:00"	7.3073	235.04	23.899	88.238	2.3943	26.568	0
"2011-12-26"	09:00:00"	5.9515	268.69	21.791	88.803	101.93	26.559	0
"2011-12-26"	10:00:00"	4.4807	246.6	24.587	84.026	273.75	26.571	0
"2011-12-26"	11:00:00"	3.2684	270.17	30.809	75.114	454.6	26.559	0
"2011-12-26"	12:00:00"	4.8094	283.56	36.449	63.791	581.7	26.536	0.02
"2011-12-26"	13:00:00"	7.6161	253.51	39.604	58.158	642.17	26.512	0.08
"2011-12-26"	14:00:00"	7.9411	227.34	40.103	59.134	633.14	26.488	0.09
"2011-12-26"	15:00:00"	7.7808	244.83	41.777	56.899	553.21	26.48	0.09
"2011-12-26"	16:00:00"	7.7379	268.42	42.471	55.54	412.87	26.48	0.06
"2011-12-26"	17:00:00"	7.5863	270.39	42.922	55.244	231.96	26.483	0.03
"2011-12-26"	18:00:00"	4.8113	257.09	41.247	61.994	56.255	26.48	0.01
"2011-12-26"	19:00:00"	7.1868	260.9	37.234	69.538	0.48649	26.5	0
"2011-12-26"	20:00:00"	6.4361	265.57	35.77	73.107	0.18633	26.515	0
"2011-12-26"	21:00:00"	4.961	273.85	32.346	78.889	0.18103	26.524	0
"2011-12-26"	22:00:00"	5.721	282.4	31.295	81.824	0.21749	26.545	0
"2011-12-26"	23:00:00"	7.198	281.83	32.378	78.594	0.18612	26.562	0
"2011-12-27"	00:00:00"	9.8133	302.5	32.637	75.653	0.17425	26.577	0
"2011-12-27"	01:00:00"	12.404	320.21	33.352	71.114	0.1448	26.592	0
"2011-12-27"	02:00:00"	13.089	327.58	32.943	71.495	0.20965	26.604	0
"2011-12-27"	03:00:00"	16.837	351.79	34.958	62.957	0.1929	26.618	0
"2011-12-27"	04:00:00"	16.499	352.72	34.007	63.717	0.18845	26.639	0
"2011-12-27"	05:00:00"	14.854	348.41	32.608	65.23	0.17912	26.648	0
"2011-12-27"	06:00:00"	11.611	324.76	30.958	67.192	0.20414	26.669	0
"2011-12-27"	07:00:00"	7.9548	305.96	27.286	75.991	0.1717	26.674	0
"2011-12-27"	08:00:00"	8.9645	297.12	26.222	76.449	2.432	26.689	0
"2011-12-27"	09:00:00"	8.3307	308.22	27.497	72.927	93.712	26.698	0
"2011-12-27"	10:00:00"	6.223	309.85	33.597	62.247	276.59	26.71	0
"2011-12-27"	11:00:00"	4.9474	302.44	39.837	54.077	454.99	26.71	0
"2011-12-27"	12:00:00"	2.4743	258.21	45.146	41.938	581.57	26.686	0.02
"2011-12-27"	13:00:00"	4.8355	172.3	47.205	33.179	643.33	26.651	0.01
"2011-12-27"	14:00:00"	8.2201	187.4	47.065	35.155	632.31	26.615	0
"2011-12-27"	15:00:00"	9.753	186.58	46.716	37.213	552.8	26.589	0
"2011-12-27"	16:00:00"	8.1835	178.12	47.462	42.356	412.16	26.568	0
"2011-12-27"	17:00:00"	7.5702	167.63	47.092	46.62	231.22	26.556	0
"2011-12-27"	18:00:00"	4.6137	174.26	44.725	54.81	56.974	26.545	0
"2011-12-27"	19:00:00"	3.6648	283.23	39.295	66.095	0.30165	26.545	0
"2011-12-27"	20:00:00"	4.111	260.86	37.098	70.614	0.1929	26.539	0
"2011-12-27"	21:00:00"	5.1922	238.12	38.502	66.705	0.184	26.545	0
"2011-12-27"	22:00:00"	7.1066	220	40.043	58.143	0.20583	26.533	0
"2011-12-27"	23:00:00"	7.4552	231.38	39.673	58.8	0.16556	26.527	0
"2011-12-28"	00:00:00"	6.8724	260.4	37.806	63.446	0.18379	26.515	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-28	01:00:00"	7.6789	246.22	37.227	64.867	0.15771	26.494	0
"2011-12-28	02:00:00"	6.0782	267	34.5	71.862	0.18124	26.474	0
"2011-12-28	03:00:00"	6.7966	260.3	36.27	67.95	0.17064	26.465	0
"2011-12-28	04:00:00"	7.9076	265.65	36.983	64.998	0.17891	26.462	0
"2011-12-28	05:00:00"	10.393	295.61	35.568	67.195	0.17213	26.462	0
"2011-12-28	06:00:00"	13.447	313.11	37.035	62.381	0.13757	26.48	0
"2011-12-28	07:00:00"	15.783	316.1	38.831	55.747	0.14796	26.509	0
"2011-12-28	08:00:00"	14.654	320.87	38.658	54.072	2.1772	26.53	0
"2011-12-28	09:00:00"	12.138	318.75	37.838	55.426	95.965	26.55	0
"2011-12-28	10:00:00"	13.264	320.88	42.352	47.049	277.32	26.58	0
"2011-12-28	11:00:00"	14.639	330.78	45.773	42.237	454.35	26.589	0
"2011-12-28	12:00:00"	13.729	332.66	48.821	38.464	580.09	26.589	0
"2011-12-28	13:00:00"	14.304	332.22	50.74	36.482	640.4	26.565	0
"2011-12-28	14:00:00"	12.725	329.52	52.603	34.332	631.32	26.547	0
"2011-12-28	15:00:00"	10.391	307.41	53.896	34.445	552.95	26.536	0
"2011-12-28	16:00:00"	9.0993	310.56	55.486	29.538	415.57	26.533	0
"2011-12-28	17:00:00"	4.403	294.49	56.159	29.148	234.41	26.524	0
"2011-12-28	18:00:00"	2.8944	263.2	54.325	31.49	59.071	26.521	0
"2011-12-28	19:00:00"	2.8117	296.73	45.572	45.418	0.43922	26.53	0
"2011-12-28	20:00:00"	2.7067	289.15	41.496	50.102	0.16725	26.527	0
"2011-12-28	21:00:00"	4.0973	289.29	40.828	53.194	0.16852	26.524	0
"2011-12-28	22:00:00"	4.4515	291.12	40.776	53.478	0.15941	26.527	0
"2011-12-28	23:00:00"	5.002	282.02	39.372	56.441	0.18803	26.515	0
"2011-12-29	00:00:00"	6.6623	272.05	40.711	57.632	0.17234	26.509	0
"2011-12-29	01:00:00"	5.4634	273.85	39.475	57.923	0.21245	26.5	0
"2011-12-29	02:00:00"	6.0919	266.96	39.436	54.862	0.17361	26.485	0
"2011-12-29	03:00:00"	5.0983	272.33	36.576	62.605	0.1823	26.465	0
"2011-12-29	04:00:00"	4.9256	275.5	35.29	62.219	0.1946	26.447	0
"2011-12-29	05:00:00"	5.529	276.72	34.54	63.767	0.17743	26.444	0
"2011-12-29	06:00:00"	6.9357	274.73	35.15	63.276	0.19608	26.438	0
"2011-12-29	07:00:00"	7.5907	272.65	34.323	69.947	0.17043	26.435	0
"2011-12-29	08:00:00"	6.4933	287.18	32.974	75.441	2.4418	26.429	0
"2011-12-29	09:00:00"	5.9403	301.85	37.548	68.191	94.127	26.438	0
"2011-12-29	10:00:00"	6.0335	289.13	42.67	58.734	271.91	26.447	0
"2011-12-29	11:00:00"	5.8657	279.83	49.905	46.381	446.94	26.438	0
"2011-12-29	12:00:00"	7.0115	268.24	58.377	33.34	571.98	26.412	0
"2011-12-29	13:00:00"	7.9759	242.57	63.621	26.603	632.31	26.367	0
"2011-12-29	14:00:00"	8.3475	230.62	65.779	24.078	625.41	26.347	0
"2011-12-29	15:00:00"	9.113	232.94	68.531	21.31	549.87	26.338	0
"2011-12-29	16:00:00"	10.578	225.28	68.719	21.775	411.96	26.326	0
"2011-12-29	17:00:00"	7.6447	229.86	68.351	20.613	233.88	26.326	0
"2011-12-29	18:00:00"	4.1911	250.45	64.527	25.238	59.36	26.329	0
"2011-12-29	19:00:00"	5.0561	275.35	58.883	33.668	0.50366	26.332	0
"2011-12-29	20:00:00"	4.472	290.32	53.592	44.306	0.12613	26.338	0
"2011-12-29	21:00:00"	5.0269	289.59	49.873	54.488	0.13334	26.341	0
"2011-12-29	22:00:00"	5.7116	296.18	46.84	62.121	0.14266	26.358	0
"2011-12-29	23:00:00"	6.6052	299.39	48.16	59.264	0.138	26.356	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-30	00:00:00"	5.6259	293.29	45.984	64.715	0.15072	26.361	0
"2011-12-30	01:00:00"	8.7885	302.33	46.092	64.787	0.15643	26.376	0
"2011-12-30	02:00:00"	9.3038	310.03	45.041	64.157	0.12994	26.385	0
"2011-12-30	03:00:00"	12.678	321.5	48.537	52.083	0.15983	26.418	0
"2011-12-30	04:00:00"	10.286	309.86	43.666	63.213	0.17276	26.429	0
"2011-12-30	05:00:00"	11.239	318.31	43.089	63.681	0.15135	26.456	0
"2011-12-30	06:00:00"	8.7986	352.39	42.94	63.589	0.19036	26.512	0
"2011-12-30	07:00:00"	8.8788	352.52	39.964	70.14	0.13058	26.539	0
"2011-12-30	08:00:00"	7.8318	348.42	37.789	72.532	2.2487	26.547	0
"2011-12-30	09:00:00"	6.9115	9.4565	40.224	67.086	91.258	26.571	0
"2011-12-30	10:00:00"	6.8798	70.683	48.067	45.214	269.73	26.598	0
"2011-12-30	11:00:00"	8.8651	112.48	53.144	28.807	446.27	26.618	0
"2011-12-30	12:00:00"	9.1944	129.52	55.742	24.961	571.31	26.589	0
"2011-12-30	13:00:00"	10.428	152.89	56.925	24.858	631.86	26.571	0
"2011-12-30	14:00:00"	8.9409	173.89	58.724	22.675	620.07	26.547	0
"2011-12-30	15:00:00"	8.7483	181.65	60.458	21.266	547.81	26.521	0
"2011-12-30	16:00:00"	9.7698	190.76	61.125	21.377	412.13	26.506	0
"2011-12-30	17:00:00"	8.4631	186.44	60.929	22.609	234.68	26.497	0
"2011-12-30	18:00:00"	5.6582	195.11	59.106	25.853	57.42	26.491	0
"2011-12-30	19:00:00"	6.7586	194.75	55.497	30.094	0.5327	26.497	0
"2011-12-30	20:00:00"	6.9457	193.49	53.123	32.811	0.16513	26.494	0
"2011-12-30	21:00:00"	5.1021	197.06	49.779	38.23	0.16195	26.488	0
"2011-12-30	22:00:00"	5.7179	216.04	49.004	39.241	0.14733	26.48	0
"2011-12-30	23:00:00"	6.1323	229.47	46.754	43.39	0.13058	26.477	0
"2011-12-31	00:00:00"	7.0178	227.47	47.321	41.571	0.16428	26.465	0
"2011-12-31	01:00:00"	6.1901	248.54	45.172	45.507	0.18124	26.45	0
"2011-12-31	02:00:00"	6.1677	262.49	45.15	45.528	0.15686	26.444	0
"2011-12-31	03:00:00"	5.8123	266.09	45.147	44.864	0.14075	26.435	0
"2011-12-31	04:00:00"	5.4836	270.22	45.113	44.559	0.15284	26.423	0
"2011-12-31	05:00:00"	5.5383	271.5	41.682	52.163	0.18569	26.412	0
"2011-12-31	06:00:00"	6.6387	259.87	40.726	54.6	0.14203	26.406	0
"2011-12-31	07:00:00"	6.5555	250.03	40.971	54.153	0.16344	26.412	0
"2011-12-31	08:00:00"	6.8376	237.76	41.718	52.362	2.2553	26.423	0
"2011-12-31	09:00:00"	5.0232	233.69	40.564	55.939	93.904	26.441	0
"2011-12-31	10:00:00"	4.1793	230.27	45.566	52.107	274.36	26.45	0
"2011-12-31	11:00:00"	5.675	217.93	52.076	46.009	453.63	26.45	0
"2011-12-31	12:00:00"	6.3125	246.67	61.725	34.166	580.52	26.438	0
"2011-12-31	13:00:00"	8.7079	257.71	71.089	21.542	643.38	26.406	0
"2011-12-31	14:00:00"	10.091	272.05	73.677	18.22	637.2	26.4	0
"2011-12-31	15:00:00"	11.826	281.15	74.441	17.281	562.88	26.406	0
"2011-12-31	16:00:00"	10.918	284.13	74.921	16.924	426.86	26.423	0
"2011-12-31	17:00:00"	9.8257	288.44	73.952	17.024	250.01	26.441	0
"2011-12-31	18:00:00"	4.3483	305.99	69.451	22.554	75.787	26.468	0
"2011-12-31	19:00:00"	3.0217	317.07	59.615	33.182	1.2878	26.503	0
"2011-12-31	20:00:00"	8.1008	330.9	57.767	35.329	0.12719	26.55	0
"2011-12-31	21:00:00"	8.8427	343.62	56.949	31.847	0.12867	26.586	0
"2011-12-31	22:00:00"	16.326	19.932	52.575	33.733	0.15559	26.663	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2011-12-31	23:00:00"	19.709	35.171	47.909	28.011	0.16322	26.704	0
"2012-01-01	00:00:00"	16.272	20.851	43.977	33.148	0.16513	26.742	0
"2012-01-01	01:00:00"	14.922	13.446	41.034	39.479	0.19099	26.76	0
"2012-01-01	02:00:00"	10.662	1.6256	37.528	47.253	0.18591	26.79	0
"2012-01-01	03:00:00"	13.021	358.2	35.117	53.563	0.18188	26.801	0
"2012-01-01	04:00:00"	14.924	354.54	34.737	55.628	0.17382	26.834	0
"2012-01-01	05:00:00"	7.0588	292.79	32.644	60.537	0.1982	26.863	0
"2012-01-01	06:00:00"	8.4544	286.21	29.273	70.35	0.18612	26.89	0
"2012-01-01	07:00:00"	8.4948	291.47	28.63	76.033	0.18697	26.917	0
"2012-01-01	08:00:00"	8.1586	306.69	28.222	76.609	2.2824	26.943	0
"2012-01-01	09:00:00"	7.142	319.53	30.657	71.946	94.372	26.976	0
"2012-01-01	10:00:00"	7.2085	347.6	38.591	51.591	275.46	26.993	0
"2012-01-01	11:00:00"	4.9474	30.284	41.338	39.811	455.58	27.002	0
"2012-01-01	12:00:00"	4.5254	73.415	43.513	33.11	584.35	26.985	0
"2012-01-01	13:00:00"	4.3397	68.176	45.211	29.576	647.63	26.955	0
"2012-01-01	14:00:00"	3.7108	68.965	47.16	25.561	641.31	26.937	0
"2012-01-01	15:00:00"	3.9873	106.69	48.558	23.16	565.21	26.92	0
"2012-01-01	16:00:00"	2.9316	82.029	49.61	21.81	426.53	26.914	0
"2012-01-01	17:00:00"	4.6323	51.614	49.709	22.169	245.55	26.928	0
"2012-01-01	18:00:00"	4.3577	88.075	48.242	24.793	66.318	26.931	0
"2012-01-01	19:00:00"	3.7661	343.84	42.944	32.419	0.73451	26.934	0
"2012-01-01	20:00:00"	3.9675	270.57	38.833	38.705	0.14033	26.937	0
"2012-01-01	21:00:00"	3.8941	282.44	37.356	41.006	0.18824	26.943	0
"2012-01-01	22:00:00"	3.8705	288.47	35.651	44.002	0.1681	26.949	0
"2012-01-01	23:00:00"	4.8641	327.02	32.919	49.728	0.16386	26.955	0
"2012-01-02	00:00:00"	4.9188	306.07	31.382	53.858	0.17764	26.961	0
"2012-01-02	01:00:00"	4.5832	309.17	31.633	52.717	0.19163	26.967	0
"2012-01-02	02:00:00"	5.3332	335.31	29.312	56.594	0.20944	26.976	0
"2012-01-02	03:00:00"	4.4105	317.89	28.557	58.59	0.16259	26.973	0
"2012-01-02	04:00:00"	3.0982	300.96	30.182	56.022	0.20583	26.982	0
"2012-01-02	05:00:00"	5.0269	335.53	27.69	61.872	0.17043	26.987	0
"2012-01-02	06:00:00"	4.8299	303.93	24.601	71.1	0.2105	26.993	0
"2012-01-02	07:00:00"	5.1953	308.87	25.404	70.929	0.18442	27.011	0
"2012-01-02	08:00:00"	4.943	283.65	24.479	74.708	2.1544	27.032	0
"2012-01-02	09:00:00"	3.2951	315.83	27.686	69.86	93.146	27.052	0
"2012-01-02	10:00:00"	3.3753	86.799	37.28	52.285	275.97	27.079	0
"2012-01-02	11:00:00"	5.7085	123.64	42.547	40.212	456.75	27.085	0
"2012-01-02	12:00:00"	7.6553	140.16	44.719	30.74	587.08	27.052	0
"2012-01-02	13:00:00"	7.7789	162.14	45.945	25.124	652.3	27.017	0
"2012-01-02	14:00:00"	7.1874	167.19	47.704	23.44	645	26.979	0
"2012-01-02	15:00:00"	5.7794	175.65	49.339	19.578	567.95	26.961	0
"2012-01-02	16:00:00"	5.1207	164.56	50.656	17.474	431.91	26.943	0
"2012-01-02	17:00:00"	5.1288	164.65	50.656	17.689	250.59	26.925	0
"2012-01-02	18:00:00"	4.4099	174.55	48.394	21.021	69.059	26.917	0
"2012-01-02	19:00:00"	3.937	239.4	44.367	25.12	0.83011	26.914	0
"2012-01-02	20:00:00"	4.5969	226.31	43.768	23.819	0.15263	26.911	0
"2012-01-02	21:00:00"	4.5428	238.03	40.648	28.395	0.16407	26.911	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-02	22:00:00"	4.5863	251.32	37.476	32.251	0.15517	26.902	0
"2012-01-02	23:00:00"	4.7044	261.23	36.48	34.103	0.18633	26.896	0
"2012-01-03	00:00:00"	4.7852	264.41	34.977	36.434	0.19375	26.878	0
"2012-01-03	01:00:00"	6.1087	267.48	34.175	38.143	0.16259	26.86	0
"2012-01-03	02:00:00"	8.7396	238.49	39.044	29.609	0.20604	26.834	0
"2012-01-03	03:00:00"	7.4726	220.61	39.554	29.112	0.18442	26.822	0
"2012-01-03	04:00:00"	5.7147	232.83	36.198	37.51	0.1469	26.804	0
"2012-01-03	05:00:00"	6.2466	232.98	34.715	43.718	0.13673	26.784	0
"2012-01-03	06:00:00"	6.6766	232.61	33.278	49.042	0.19608	26.772	0
"2012-01-03	07:00:00"	7.4863	233.02	32.309	52.128	0.17128	26.757	0
"2012-01-03	08:00:00"	9.5238	235.11	30.693	55.852	1.9935	26.754	0
"2012-01-03	09:00:00"	7.2825	242.49	30.332	60.219	93.245	26.76	0
"2012-01-03	10:00:00"	5.8092	220.96	34.876	55.242	275.23	26.76	0
"2012-01-03	11:00:00"	9.6002	217.12	44.524	38.588	456.54	26.748	0
"2012-01-03	12:00:00"	9.0211	216.94	51.374	29.578	587.36	26.698	0
"2012-01-03	13:00:00"	9.776	217.72	55.115	26.732	652.46	26.663	0
"2012-01-03	14:00:00"	12.332	222.07	60.119	23.386	643.46	26.624	0
"2012-01-03	15:00:00"	12.168	221.86	62.339	22.141	567.15	26.598	0
"2012-01-03	16:00:00"	10.968	223.4	63.994	21.324	429.9	26.589	0
"2012-01-03	17:00:00"	11.375	220.05	65.136	20.906	248.75	26.577	0
"2012-01-03	18:00:00"	8.4426	218.43	62.918	22.552	69.31	26.574	0
"2012-01-03	19:00:00"	8.2307	214.96	57.997	26.965	1.1345	26.568	0
"2012-01-03	20:00:00"	8.1275	211.2	54.204	30.72	0.14733	26.562	0
"2012-01-03	21:00:00"	6.0913	222.13	50.536	35.206	0.14966	26.568	0
"2012-01-03	22:00:00"	5.78	231.86	46.181	42.239	0.18379	26.577	0
"2012-01-03	23:00:00"	8.4606	218.07	45.428	43.269	0.12804	26.574	0
"2012-01-04	00:00:00"	6.6381	237.9	42.38	49.063	0.14542	26.571	0
"2012-01-04	01:00:00"	6.2634	259.15	40.771	53.118	0.21325	26.565	0
"2012-01-04	02:00:00"	6.5921	277.63	39.353	58.875	0.1363	26.568	0
"2012-01-04	03:00:00"	11.443	324.07	41.34	56.704	0.15347	26.571	0
"2012-01-04	04:00:00"	14.947	342.63	45.307	50.304	0.14987	26.583	0
"2012-01-04	05:00:00"	16.721	358.85	45.849	48.637	0.14499	26.586	0
"2012-01-04	06:00:00"	13.94	4.8004	45.393	46.356	0.16407	26.636	0
"2012-01-04	07:00:00"	10.936	336.99	41.25	53.388	0.18167	26.677	0
"2012-01-04	08:00:00"	14.575	354.82	42.87	49.337	1.334	26.71	0
"2012-01-04	09:00:00"	16.103	355.83	43.394	48.136	79.45	26.754	0
"2012-01-04	10:00:00"	18.517	12.887	47.258	41.82	283.39	26.798	0
"2012-01-04	11:00:00"	19.142	23.349	50.121	36.162	320.76	26.819	0
"2012-01-04	12:00:00"	16.881	36.004	52.479	31.865	445.91	26.801	0
"2012-01-04	13:00:00"	15.955	35.187	54.454	28.658	453.58	26.778	0
"2012-01-04	14:00:00"	12.483	44.088	57.726	24.829	643.64	26.757	0
"2012-01-04	15:00:00"	11.2	53.161	60.486	21.345	568.77	26.76	0
"2012-01-04	16:00:00"	11.119	46.679	61.101	19.915	430.68	26.763	0
"2012-01-04	17:00:00"	9.3547	36.504	60.581	21.043	250.42	26.766	0
"2012-01-04	18:00:00"	5.6427	24.238	57.539	23.534	69.879	26.766	0
"2012-01-04	19:00:00"	4.6572	337.58	48.504	33.324	0.86572	26.772	0
"2012-01-04	20:00:00"	4.7361	324.95	43.784	41.497	0.15983	26.772	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-04	21:00:00"	4.2179	319.72	41.949	45.635	0.13418	26.778	0
"2012-01-04	22:00:00"	4.1688	299.93	41.426	46.178	0.16407	26.781	0
"2012-01-04	23:00:00"	4.6211	291.42	37.526	53.459	0.13588	26.772	0
"2012-01-05	00:00:00"	4.664	295.8	36.771	55.208	0.18506	26.763	0
"2012-01-05	01:00:00"	5.1592	291.85	35.061	59.881	0.20032	26.751	0
"2012-01-05	02:00:00"	5.3481	290.04	34.072	65.693	0.16492	26.742	0
"2012-01-05	03:00:00"	4.7659	292.07	35.736	57.699	0.2372	26.734	0
"2012-01-05	04:00:00"	4.6429	283.62	37.241	53.478	0.184	26.719	0
"2012-01-05	05:00:00"	5.5774	291.73	37.752	52.643	0.1823	26.71	0
"2012-01-05	06:00:00"	5.8322	286.67	32.904	62.881	0.14775	26.71	0
"2012-01-05	07:00:00"	6.4436	280.62	33.326	63.43	0.15157	26.707	0
"2012-01-05	08:00:00"	6.0285	281.65	33.124	61.953	1.9419	26.704	0
"2012-01-05	09:00:00"	3.5443	278.93	37.449	53.744	93.253	26.713	0
"2012-01-05	10:00:00"	3.6847	241.87	42.88	48.574	277.11	26.722	0
"2012-01-05	11:00:00"	8.7427	220.68	48.873	37.9	460.99	26.713	0
"2012-01-05	12:00:00"	9.8003	219.16	54.775	30.163	592.79	26.686	0
"2012-01-05	13:00:00"	10.649	217.88	58.928	24.401	659.21	26.642	0
"2012-01-05	14:00:00"	10.532	218.39	60.763	22.056	655.9	26.604	0
"2012-01-05	15:00:00"	11.579	217.82	61.984	19.347	582.7	26.577	0
"2012-01-05	16:00:00"	9.5144	214.59	62.881	16.834	445.94	26.547	0
"2012-01-05	17:00:00"	9.4871	209.7	62.707	16.467	262.78	26.533	0
"2012-01-05	18:00:00"	7.7249	190.66	59.734	19.997	76.215	26.509	0
"2012-01-05	19:00:00"	4.8517	179.65	51.104	29.211	0.96345	26.5	0
"2012-01-05	20:00:00"	5.3929	181.02	47.467	33.044	0.15114	26.491	0
"2012-01-05	21:00:00"	7.4664	187.35	47.116	32.729	0.14499	26.483	0
"2012-01-05	22:00:00"	8.3071	196.56	46.105	33.029	0.14754	26.477	0
"2012-01-05	23:00:00"	7.4434	199.28	43.965	36.103	0.14203	26.468	0
"2012-01-06	00:00:00"	9.3566	198.74	42.934	38.825	0.17276	26.438	0
"2012-01-06	01:00:00"	7.2514	249.74	39.048	45.171	0.18294	26.418	0
"2012-01-06	02:00:00"	6.3001	273.34	35.007	52.919	0.15093	26.4	0
"2012-01-06	03:00:00"	6.6275	258.39	37.32	48.312	0.15602	26.391	0
"2012-01-06	04:00:00"	6.9531	260	37.98	46.253	0.15559	26.376	0
"2012-01-06	05:00:00"	6.9264	251.73	37.79	46.66	0.1539	26.364	0
"2012-01-06	06:00:00"	5.985	228.07	38.791	44.423	0.17616	26.353	0
"2012-01-06	07:00:00"	8.8185	236.67	35.813	50.154	0.1433	26.347	0
"2012-01-06	08:00:00"	9.8152	237.51	33.869	54.33	1.9627	26.341	0
"2012-01-06	09:00:00"	6.7089	235.21	34.433	54.869	94.581	26.356	0
"2012-01-06	10:00:00"	4.1868	228.62	39.252	51.588	277.32	26.373	0
"2012-01-06	11:00:00"	6.0136	221.33	48.945	37.911	459.5	26.382	0
"2012-01-06	12:00:00"	9.0552	258.73	58.26	24.835	589.1	26.37	0
"2012-01-06	13:00:00"	11.894	272.3	63.642	18.744	656.64	26.329	0
"2012-01-06	14:00:00"	12.475	278.26	66.571	16.174	653.76	26.308	0
"2012-01-06	15:00:00"	12.143	293.83	68.767	14.202	579.85	26.302	0
"2012-01-06	16:00:00"	14.507	302.19	69.506	13.37	442.67	26.311	0
"2012-01-06	17:00:00"	13.381	314.06	68.417	15.15	260.67	26.326	0
"2012-01-06	18:00:00"	8.9875	329.26	65.38	18.186	75.37	26.347	0
"2012-01-06	19:00:00"	6.1335	339.81	56.009	25.533	0.94543	26.37	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-06	20:00:00"	5.8527	356.95	51.3	32.388	0.1291	26.388	0
"2012-01-06	21:00:00"	9.3678	2.3861	51.14	33.981	0.12083	26.412	0
"2012-01-06	22:00:00"	11.516	3.0029	48.256	39.21	0.12676	26.444	0
"2012-01-06	23:00:00"	12.292	9.1092	45.943	45.753	0.14945	26.471	0
"2012-01-07	00:00:00"	14.922	6.7301	43.66	53.256	0.16407	26.48	0
"2012-01-07	01:00:00"	14.38	1.9336	40.802	60.29	0.1698	26.488	0
"2012-01-07	02:00:00"	12.771	356.69	38.161	66.103	0.17933	26.488	0
"2012-01-07	03:00:00"	12.154	353.45	35.754	71.218	0.1717	26.494	0
"2012-01-07	04:00:00"	13.63	353.71	35.099	72.149	0.19057	26.5	0
"2012-01-07	05:00:00"	11.29	340	33.824	73.347	0.18527	26.518	0
"2012-01-07	06:00:00"	8.9651	323.64	31.596	75.886	0.15708	26.527	0
"2012-01-07	07:00:00"	7.943	296.16	29.295	80.053	0.15284	26.533	0
"2012-01-07	08:00:00"	7.5633	309.49	27.444	84.218	2.2245	26.533	0
"2012-01-07	09:00:00"	10.405	338.97	30.663	77.424	89.459	26.545	0
"2012-01-07	10:00:00"	9.8394	12.032	36.962	59.021	271.26	26.565	0
"2012-01-07	11:00:00"	6.2031	59.745	41.189	45.644	452.44	26.559	0
"2012-01-07	12:00:00"	3.0366	98.257	45.601	37.025	566.38	26.539	0
"2012-01-07	13:00:00"	3.2958	157.42	48.955	32.073	606.57	26.497	0
"2012-01-07	14:00:00"	4.8169	181.51	50.286	31.77	559.4	26.456	0
"2012-01-07	15:00:00"	5.8353	179.41	52.006	30.849	540.24	26.429	0
"2012-01-07	16:00:00"	7.8585	187.43	53.292	30.781	406	26.418	0
"2012-01-07	17:00:00"	8.8862	182.04	53.205	32.153	198	26.412	0
"2012-01-07	18:00:00"	7.1004	183.92	51.015	35.826	50.277	26.4	0
"2012-01-07	19:00:00"	5.3599	181.17	47.348	41.774	0.68173	26.391	0
"2012-01-07	20:00:00"	6.2746	180.82	45.773	45.03	0.14118	26.388	0
"2012-01-07	21:00:00"	7.9753	184.24	45.475	47.359	0.1734	26.385	0
"2012-01-07	22:00:00"	5.9676	190.48	44.439	50.603	0.13503	26.388	0
"2012-01-07	23:00:00"	4.7727	200.17	44.174	50.514	0.12952	26.394	0
"2012-01-08	00:00:00"	3.9488	205.38	40.674	57.352	0.15941	26.394	0
"2012-01-08	01:00:00"	3.796	266.89	37.445	62.614	0.18772	26.394	0
"2012-01-08	02:00:00"	4.2986	291.37	33.457	71.144	0.13715	26.382	0
"2012-01-08	03:00:00"	4.71	327.65	33.869	70.563	0.16513	26.376	0
"2012-01-08	04:00:00"	3.699	319.78	34.521	68.922	0.16577	26.373	0
"2012-01-08	05:00:00"	3.9196	306.92	32.794	71.804	0.1486	26.373	0
"2012-01-08	06:00:00"	3.5176	337.19	34.241	68.743	0.18039	26.379	0
"2012-01-08	07:00:00"	5.0138	336.46	32.005	72.691	0.19121	26.376	0
"2012-01-08	08:00:00"	5.0785	321.96	29.686	78.281	0.96069	26.388	0
"2012-01-08	09:00:00"	7.2682	346.31	30.112	78.689	39.617	26.415	0
"2012-01-08	10:00:00"	11.797	9.4522	33.944	72.966	160.77	26.444	0
"2012-01-08	11:00:00"	12.072	45.905	38.908	63.534	368.95	26.465	0
"2012-01-08	12:00:00"	12.276	60.148	43.15	55.602	580.33	26.459	0
"2012-01-08	13:00:00"	11.665	67.648	46.272	49.554	645.73	26.432	0
"2012-01-08	14:00:00"	9.9438	64.498	49.175	44.647	642.67	26.418	0
"2012-01-08	15:00:00"	11.051	67.44	51.944	41.222	570.75	26.406	0
"2012-01-08	16:00:00"	13.648	70.729	52.492	41.363	436.1	26.4	0
"2012-01-08	17:00:00"	12.666	61.683	51.075	44.704	235.23	26.429	0
"2012-01-08	18:00:00"	12.425	63.575	49.358	51.898	86.262	26.444	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-08	19:00:00"	11.467	61.731	47.373	58.079	0.48649	26.462	0
"2012-01-08	20:00:00"	12.908	60.269	45.398	64.637	0.13037	26.477	0
"2012-01-08	21:00:00"	15.146	52.407	44.593	70.648	0.13948	26.506	0
"2012-01-08	22:00:00"	14.916	36.386	44.13	67.902	0.14287	26.536	0
"2012-01-08	23:00:00"	15.294	23.937	43.651	63.322	0.12994	26.547	0
"2012-01-09	00:00:00"	14.319	30.788	43.122	62.068	0.13397	26.547	0
"2012-01-09	01:00:00"	16.523	25.911	41.773	59.216	0.16132	26.565	0
"2012-01-09	02:00:00"	15.931	23.268	38.392	64.277	0.14245	26.568	0
"2012-01-09	03:00:00"	24.481	27.74	33.367	89.502	0.10048	26.556	0
"2012-01-09	04:00:00"	19.436	25.832	32.428	94.178	0.0867	26.55	0
"2012-01-09	05:00:00"	15.185	30.483	32.082	94.589	0.11828	26.568	0
"2012-01-09	06:00:00"	13.939	19.288	31.669	94.518	0.08691	26.565	0
"2012-01-09	07:00:00"	13.332	4.445	30.489	94.188	0.10684	26.58	0
"2012-01-09	08:00:00"	12.572	359.52	30.13	93.645	0.39704	26.595	0
"2012-01-09	09:00:00"	7.2663	354	30.259	93.29	6.8828	26.63	0
"2012-01-09	10:00:00"	11.001	358.01	29.885	93.518	30.867	26.63	0
"2012-01-09	11:00:00"	11.131	4.5707	29.766	93.948	34.738	26.683	0
"2012-01-09	12:00:00"	11.148	356.95	30.078	94.132	76.294	26.66	0
"2012-01-09	13:00:00"	13.461	341.17	29.855	93.901	129.76	26.627	0
"2012-01-09	14:00:00"	13.615	340.78	29.999	93.783	172.84	26.598	0
"2012-01-09	15:00:00"	11.052	346.12	30.364	93.971	129.17	26.586	0
"2012-01-09	16:00:00"	11.343	333.88	30.582	93.919	153.99	26.589	0
"2012-01-09	17:00:00"	12.645	330.35	30.782	93.966	149.08	26.589	0
"2012-01-09	18:00:00"	9.9463	331.49	30.873	94.22	59.606	26.583	0
"2012-01-09	19:00:00"	8.4879	334.07	31.248	94.764	1.0326	26.586	0
"2012-01-09	20:00:00"	6.4828	301.1	31.881	94.996	0.06995	26.565	0
"2012-01-09	21:00:00"	6.5337	283.16	31.789	94.982	0.07525	26.562	0
"2012-01-09	22:00:00"	6.3193	275.41	31.456	94.938	0.09306	26.559	0
"2012-01-09	23:00:00"	8.2543	273.81	30.183	94.654	0.09158	26.568	0
"2012-01-10	00:00:00"	7.4179	248.2	28.691	94.348	0.09581	26.556	0
"2012-01-10	01:00:00"	6.15	215.05	27.528	94.019	0.08878	26.55	0
"2012-01-10	02:00:00"	9.1298	187.01	26.587	93.783	0.08797	26.539	0
"2012-01-10	03:00:00"	6.374	219.13	25.512	93.218	0.09984	26.521	0
"2012-01-10	04:00:00"	5.6358	232.79	23.306	92.862	0.12168	26.506	0
"2012-01-10	05:00:00"	15.183	238.62	23.156	92.688	0.11235	26.491	0
"2012-01-10	06:00:00"	14.095	226.65	24.495	92.873	0.12295	0	0
"2012-01-10	07:00:00"	29.168	40.24	24.479	92.865	0.12019	26.497	0
"2012-01-10	08:00:00"	13.693	28.321	23.51	92.032	1.7011	0	0
"2012-01-10	09:00:00"	9.0639	292.96	22.966	92.039	90.659	26.5	0
"2012-01-10	10:00:00"	13.471	262.43	24.414	91.733	254.07	26.509	0
"2012-01-10	11:00:00"	9.4411	321.88	27.432	92.597	426.58	26.5	0
"2012-01-10	12:00:00"	8.8154	307.43	30.65	92.76	545.77	26.483	0
"2012-01-10	13:00:00"	7.646	295.53	32.726	92.216	621.96	26.447	0.15
"2012-01-10	14:00:00"	5.5327	284.92	37.964	78.275	647.96	26.423	0.06
"2012-01-10	15:00:00"	5.2599	272.79	43.66	62.597	586.12	26.403	0.06
"2012-01-10	16:00:00"	3.6052	255.06	47.049	58.787	452.78	26.394	0.05
"2012-01-10	17:00:00"	2.4606	238.01	48.452	57.066	270.33	26.394	0.02

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-10"	18:00:00"	2.6713	232.62	47.682	58.102	84.69	26.382	0.01
"2012-01-10"	19:00:00"	5.7551	211.51	45.56	66.029	1.5224	26.367	0
"2012-01-10"	20:00:00"	6.3349	237.57	42.909	71.825	0.12761	26.358	0
"2012-01-10"	21:00:00"	5.9378	253.3	40.837	72.96	0.12168	26.356	0
"2012-01-10"	22:00:00"	6.1907	267.1	38.918	75.726	0.15305	26.353	0
"2012-01-10"	23:00:00"	5.2885	273.54	36.55	77.45	0.14203	26.338	0
"2012-01-11"	00:00:00"	5.3326	279.79	33.777	82.81	0.13503	26.32	0
"2012-01-11"	01:00:00"	7.6646	300.32	35.31	78.713	0.13715	26.305	0
"2012-01-11"	02:00:00"	8.6284	300.12	36.502	73.413	0.19947	26.288	0
"2012-01-11"	03:00:00"	7.8492	291.49	34.67	77.437	0.15792	26.276	0
"2012-01-11"	04:00:00"	8.0722	291.59	34.836	75.093	0.17531	26.27	0
"2012-01-11"	05:00:00"	6.855	275.82	34.263	74.943	0.1539	26.261	0
"2012-01-11"	06:00:00"	6.8612	276.38	34.104	75.837	0.17616	26.246	0
"2012-01-11"	07:00:00"	8.1779	272.59	38.112	68.172	0.15623	26.246	0
"2012-01-11"	08:00:00"	8.5774	271.85	40.048	64.592	2.2758	26.243	0
"2012-01-11"	09:00:00"	9.0298	276.44	42.295	59.065	93.42	26.255	0
"2012-01-11"	10:00:00"	10.673	279.04	46.426	51.703	315.09	26.27	0
"2012-01-11"	11:00:00"	9.6027	281.03	47.832	51.267	391.45	26.294	0
"2012-01-11"	12:00:00"	9.8922	278.49	49.566	49.885	612.13	26.276	0
"2012-01-11"	13:00:00"	5.2611	304.14	49.843	53.031	572.97	26.261	0
"2012-01-11"	14:00:00"	9.7425	315.8	53.768	45.193	653.29	26.255	0
"2012-01-11"	15:00:00"	11.022	333.4	54.616	41.992	390.12	26.264	0
"2012-01-11"	16:00:00"	16.531	8.597	51.412	47.341	360.86	26.282	0
"2012-01-11"	17:00:00"	16.896	14.953	48.98	53.11	211.07	26.308	0
"2012-01-11"	18:00:00"	15.116	13.224	46.047	58.918	53.451	26.344	0
"2012-01-11"	19:00:00"	13.625	7.758	42.203	66.798	1.0262	26.385	0
"2012-01-11"	20:00:00"	15.778	15.423	39.077	68.561	0.15559	26.415	0
"2012-01-11"	21:00:00"	14.892	12.51	36.169	71.658	0.1575	26.444	0
"2012-01-11"	22:00:00"	17.065	12.393	33.921	72.347	0.1734	26.491	0
"2012-01-11"	23:00:00"	20.311	17.232	31.564	72.005	0.17467	26.53	0
"2012-01-12"	00:00:00"	16.51	12.266	30.095	74.23	0.14499	26.545	0
"2012-01-12"	01:00:00"	11.997	358.16	28.92	77.748	0.15708	26.568	0
"2012-01-12"	02:00:00"	7.1588	328.24	28.372	78.047	0.17594	26.621	0
"2012-01-12"	03:00:00"	11.688	354.7	27.879	76.752	0.17149	26.624	0
"2012-01-12"	04:00:00"	11.316	350.71	26.749	81.572	0.184	26.618	0
"2012-01-12"	05:00:00"	10.342	358.57	25.887	79.984	0.18887	26.627	0
"2012-01-12"	06:00:00"	6.9681	337.36	23.582	83.557	0.20498	26.636	0
"2012-01-12"	07:00:00"	4.3769	301.15	21.921	86.856	0.20371	26.66	0
"2012-01-12"	08:00:00"	4.9672	312.13	21.917	81.401	1.1012	26.677	0
"2012-01-12"	09:00:00"	5.6495	320.14	22.301	75.103	68.486	26.689	0
"2012-01-12"	10:00:00"	3.0335	98.031	26.677	51.746	289.37	26.716	0
"2012-01-12"	11:00:00"	2.7359	185.85	28.567	46.154	438.26	26.713	0
"2012-01-12"	12:00:00"	2.2369	128.62	30.588	42.699	616.19	26.686	0
"2012-01-12"	13:00:00"	2.424	243.09	32.683	42.43	649.97	26.654	0
"2012-01-12"	14:00:00"	3.7835	201.42	34.166	43.074	615.76	26.63	0
"2012-01-12"	15:00:00"	6.0099	218.55	35.85	44.664	606.87	26.607	0
"2012-01-12"	16:00:00"	7.3502	234.85	36.299	44.753	280.99	26.604	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-12	17:00:00"	9.1677	230	36.497	45.148	209.54	26.595	0
"2012-01-12	18:00:00"	7.9697	237.48	36.774	43.651	89.07	26.586	0
"2012-01-12	19:00:00"	6.3106	235.78	35.325	48.496	1.2863	26.586	0
"2012-01-12	20:00:00"	6.5666	228.33	33.587	56.54	0.18527	26.58	0
"2012-01-12	21:00:00"	9.5169	240.34	32.522	58.52	0.16513	26.58	0
"2012-01-12	22:00:00"	8.7961	240.89	31.802	61.802	0.16068	26.574	0
"2012-01-12	23:00:00"	8.1536	250.05	30.986	68.258	0.16301	26.577	0
"2012-01-13	00:00:00"	7.9163	253.18	30.425	73.474	0.16004	26.577	0
"2012-01-13	01:00:00"	7.083	254.73	30.164	73.398	0.17467	26.562	0
"2012-01-13	02:00:00"	7.8516	252.27	30.543	69.933	0.14478	26.559	0
"2012-01-13	03:00:00"	6.6518	271.46	29.883	74.212	0.20223	26.574	0
"2012-01-13	04:00:00"	6.7742	281.06	29.756	74.046	0.15708	26.577	0
"2012-01-13	05:00:00"	6.6375	274.44	29.158	74.983	0.13906	26.58	0
"2012-01-13	06:00:00"	7.2191	272.6	28.594	73.668	0.19608	26.583	0
"2012-01-13	07:00:00"	6.2193	277.36	26.565	78.603	0.17764	26.583	0
"2012-01-13	08:00:00"	5.8751	279.84	26.42	76.527	1.3855	26.586	0
"2012-01-13	09:00:00"	3.3958	299.02	26.638	76.858	94.19	26.618	0
"2012-01-13	10:00:00"	3.4641	289.17	33.717	64.828	282.4	26.633	0
"2012-01-13	11:00:00"	5.286	234.73	38.125	50.235	470.49	26.633	0
"2012-01-13	12:00:00"	6.6269	228.73	41.491	43.221	606.49	26.63	0
"2012-01-13	13:00:00"	7.4738	273.49	44.877	33.572	677.16	26.598	0
"2012-01-13	14:00:00"	8.258	287.12	47.348	31.16	675.94	26.577	0
"2012-01-13	15:00:00"	7.2682	279.52	49.151	31.358	603.69	26.562	0
"2012-01-13	16:00:00"	6.6282	270.86	51.545	27.267	468.23	26.565	0
"2012-01-13	17:00:00"	6.0857	268.03	52.486	23.799	285.04	26.574	0
"2012-01-13	18:00:00"	4.3254	257.01	51.151	25.252	93.78	26.586	0
"2012-01-13	19:00:00"	6.1485	265.92	45.12	32.235	1.7728	26.595	0
"2012-01-13	20:00:00"	5.5215	273.92	42.396	34.62	0.17425	26.604	0
"2012-01-13	21:00:00"	4.595	260.36	39.357	39.021	0.16895	26.609	0
"2012-01-13	22:00:00"	6.9072	258.1	38.503	40.624	0.14733	26.618	0
"2012-01-13	23:00:00"	6.2995	266.26	37.503	40.657	0.184	26.624	0
"2012-01-14	00:00:00"	6.8643	262.81	35.968	44.332	0.17255	26.633	0
"2012-01-14	01:00:00"	6.4467	260.47	34.998	46.586	0.1681	26.636	0
"2012-01-14	02:00:00"	6.9357	258.69	34.854	48.644	0.17255	26.642	0
"2012-01-14	03:00:00"	7.9324	261.82	35.206	47.528	0.14945	26.642	0
"2012-01-14	04:00:00"	8.0399	258.19	35.371	46.898	0.19968	26.633	0
"2012-01-14	05:00:00"	7.9132	263.77	34.2	49.456	0.19036	26.633	0
"2012-01-14	06:00:00"	6.617	265.18	32.23	54.379	0.20477	26.645	0
"2012-01-14	07:00:00"	5.419	278.69	29.75	58.432	0.16789	26.666	0
"2012-01-14	08:00:00"	7.1775	292.24	28.027	64.315	2.3093	26.672	0
"2012-01-14	09:00:00"	6.4517	304.11	32.739	55.659	98.265	26.683	0
"2012-01-14	10:00:00"	7.8274	303.84	40.134	41.517	288.58	26.707	0
"2012-01-14	11:00:00"	8.7042	297.12	46.476	33.983	477.32	26.707	0
"2012-01-14	12:00:00"	8.2071	287.24	54.063	23.049	614.44	26.701	0
"2012-01-14	13:00:00"	7.1203	268.58	59.118	15.444	686.2	26.674	0
"2012-01-14	14:00:00"	7.3837	272.58	60.86	14.328	684.93	26.648	0
"2012-01-14	15:00:00"	7.1116	242.31	62.9	12.393	613.79	26.627	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-14	16:00:00"	8.7564	216.9	62.936	13.368	477.18	26.627	0
"2012-01-14	17:00:00"	10.019	195.99	60.928	15.984	293.57	26.63	0
"2012-01-14	18:00:00"	6.7263	185.22	56.936	20.119	97.231	26.627	0
"2012-01-14	19:00:00"	2.3544	192.29	49.026	29.69	1.3202	26.633	0
"2012-01-14	20:00:00"	2.542	200.85	46.401	30.912	0.14627	26.639	0
"2012-01-14	21:00:00"	3.215	210.12	45.211	29.719	0.16937	26.645	0
"2012-01-14	22:00:00"	4.0998	234.44	43.135	32.41	0.15008	26.642	0
"2012-01-14	23:00:00"	4.6764	244.59	40.3	39.949	0.18145	26.63	0
"2012-01-15	00:00:00"	4.7808	237.42	38.879	45.852	0.17891	26.618	0
"2012-01-15	01:00:00"	8.7905	205.37	41.67	40.809	0.18421	26.601	0
"2012-01-15	02:00:00"	7.7267	219.21	40.221	43.582	0.19968	26.592	0
"2012-01-15	03:00:00"	7.8622	236.82	38.628	47.368	0.16662	26.583	0
"2012-01-15	04:00:00"	6.9767	234.43	36.726	54.48	0.18188	26.562	0
"2012-01-15	05:00:00"	5.4737	226.83	34.949	62.676	0.20456	26.547	0
"2012-01-15	06:00:00"	5.8813	230.58	33.773	64.107	0.16852	26.55	0
"2012-01-15	07:00:00"	7.7653	250.64	35.313	57.585	0.16534	26.55	0
"2012-01-15	08:00:00"	7.8175	252.52	35.426	56.677	1.3471	26.559	0
"2012-01-15	09:00:00"	5.0542	234.83	36.583	54.291	87.789	26.565	0
"2012-01-15	10:00:00"	6.4324	195.63	40.467	50.956	273.42	26.571	0
"2012-01-15	11:00:00"	7.5658	217.1	46.752	41.527	456.4	26.577	0
"2012-01-15	12:00:00"	11.559	217.25	55.702	28.642	590.84	26.553	0
"2012-01-15	13:00:00"	12.084	223	60.786	23.845	619.18	26.518	0
"2012-01-15	14:00:00"	11.693	221.04	63.623	22.195	665.43	26.491	0
"2012-01-15	15:00:00"	12.744	222.53	66.83	22.098	580.01	26.45	0
"2012-01-15	16:00:00"	14.544	231.39	69.103	24.299	430.67	26.441	0
"2012-01-15	17:00:00"	11.178	238.2	66.891	26.081	170.7	26.441	0
"2012-01-15	18:00:00"	10.487	229.83	63.89	30.009	44.451	26.453	0
"2012-01-15	19:00:00"	12.551	217.86	61.628	33.492	0.86339	26.459	0
"2012-01-15	20:00:00"	10.217	217.12	60.281	36.266	0.10705	26.468	0
"2012-01-15	21:00:00"	8.5445	220.78	58.643	40.378	0.1168	26.471	0
"2012-01-15	22:00:00"	3.3535	233.96	56.281	44.38	0.14902	26.468	0
"2012-01-15	23:00:00"	4.2284	219.4	53.863	48.327	0.13757	26.471	0
"2012-01-16	00:00:00"	3.7319	225.76	51.782	52.383	0.12782	26.468	0
"2012-01-16	01:00:00"	2.0002	270.19	49.668	57.082	0.15093	26.459	0
"2012-01-16	02:00:00"	2.6533	250.71	48.473	58.905	0.15559	26.447	0
"2012-01-16	03:00:00"	3.9538	192.74	48.433	57.718	0.13228	26.435	0
"2012-01-16	04:00:00"	6.7816	190.1	46.59	59.485	0.14012	26.426	0
"2012-01-16	05:00:00"	7.3614	207.51	45.079	61.555	0.12952	26.418	0
"2012-01-16	06:00:00"	5.519	245.98	42.256	71.808	0.14563	26.412	0
"2012-01-16	07:00:00"	6.5008	229.38	42.677	75.271	0.17849	26.412	0
"2012-01-16	08:00:00"	5.5053	242.76	43.667	75.217	0.66286	26.415	0
"2012-01-16	09:00:00"	5.7334	207.32	45.811	71.629	33.213	26.429	0
"2012-01-16	10:00:00"	6.8711	197.6	46.421	73.752	100.43	26.435	0
"2012-01-16	11:00:00"	8.2543	192.2	50.152	66.101	292.35	26.438	0
"2012-01-16	12:00:00"	10.977	215.71	57.346	47.838	504.19	26.426	0
"2012-01-16	13:00:00"	14.367	218.73	64.135	34.461	610.38	26.385	0
"2012-01-16	14:00:00"	17.255	225.78	69.175	28.103	652.36	26.356	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-16	15:00:00"	18.581	237.79	70.983	26.394	548.8	26.338	0
"2012-01-16	16:00:00"	16.791	254.31	70.215	26.455	381.58	26.344	0
"2012-01-16	17:00:00"	15.061	256.48	69.189	26.134	219.64	26.341	0
"2012-01-16	18:00:00"	14.666	252.3	68.169	26.481	108.65	26.341	0
"2012-01-16	19:00:00"	6.7854	244.26	63.371	31.223	2.2129	26.35	0
"2012-01-16	20:00:00"	1.6864	251.2	57.664	39.603	0.13397	26.37	0
"2012-01-16	21:00:00"	4.2116	234.17	57.486	40.771	0.12231	26.382	0
"2012-01-16	22:00:00"	2.2227	239.08	52.732	47.007	0.14372	26.412	0
"2012-01-16	23:00:00"	2.6278	284.16	52.449	46.531	0.12846	26.423	0
"2012-01-17	00:00:00"	4.252	286.1	52.014	47.803	0.08946	26.426	0
"2012-01-17	01:00:00"	4.5652	290.99	47.933	56.29	0.13524	26.441	0
"2012-01-17	02:00:00"	5.3923	274.88	48.349	55.706	0.14245	26.45	0
"2012-01-17	03:00:00"	9.7592	286.23	51.473	50.301	0.14415	26.462	0
"2012-01-17	04:00:00"	9.3156	291.96	51.867	47.944	0.14224	26.471	0
"2012-01-17	05:00:00"	11.393	301.58	53.074	44.246	0.14118	26.48	0
"2012-01-17	06:00:00"	11.593	327.64	48.119	52.925	0.13312	26.5	0
"2012-01-17	07:00:00"	15.101	346.12	45.062	56.094	0.17806	26.524	0
"2012-01-17	08:00:00"	13.347	352.27	45.142	52.853	2.2977	26.556	0
"2012-01-17	09:00:00"	10.041	12.181	46.388	46.857	94.076	26.601	0
"2012-01-17	10:00:00"	18.358	31.065	42.16	50.901	278.72	26.633	0
"2012-01-17	11:00:00"	18.157	45.403	38.47	52.134	465.68	26.648	0
"2012-01-17	12:00:00"	12.879	53.355	41.017	46.326	599.69	26.66	0
"2012-01-17	13:00:00"	10.588	65.261	43.507	41.466	671.84	26.633	0
"2012-01-17	14:00:00"	10.736	61.278	46.058	36.987	674.44	26.604	0
"2012-01-17	15:00:00"	9.8711	71.051	48.322	33.699	589.93	26.592	0
"2012-01-17	16:00:00"	9.2901	83.226	49.61	31.77	473.75	26.592	0
"2012-01-17	17:00:00"	9.1528	89.241	50.226	30.903	291.79	26.601	0
"2012-01-17	18:00:00"	9.5213	102.43	49.011	32.323	99.316	26.601	0
"2012-01-17	19:00:00"	4.3465	127.04	43.621	41.009	2.4403	26.624	0
"2012-01-17	20:00:00"	3.3728	31.32	39.759	47.368	0.17319	26.642	0
"2012-01-17	21:00:00"	4.5329	134.74	37.194	53.867	0.14457	26.645	0
"2012-01-17	22:00:00"	5.9105	133.26	35.712	58.639	0.14902	26.654	0
"2012-01-17	23:00:00"	3.3206	177.64	33.545	63.4	0.17849	26.648	0
"2012-01-18	00:00:00"	3.0857	312.55	31.301	68.341	0.18654	26.66	0
"2012-01-18	01:00:00"	2.685	254.14	30.222	69.69	0.19121	26.66	0
"2012-01-18	02:00:00"	3.5909	234.6	29.445	70.493	0.16407	26.633	0
"2012-01-18	03:00:00"	2.5526	253.58	27.628	73.597	0.22555	26.633	0
"2012-01-18	04:00:00"	6.1006	147.74	28.39	69.998	0.15729	26.615	0
"2012-01-18	05:00:00"	4.9001	215.91	27.158	74.991	0.15369	26.612	0
"2012-01-18	06:00:00"	5.7862	264.64	25.446	78.989	0.14181	26.598	0
"2012-01-18	07:00:00"	9.507	251.23	27.021	73.968	0.19121	26.598	0
"2012-01-18	08:00:00"	7.6752	261.88	26.611	73.648	2.4638	26.601	0
"2012-01-18	09:00:00"	3.4722	246.58	26.324	75.189	99.197	26.612	0
"2012-01-18	10:00:00"	5.4811	199.03	32.082	67.015	289.55	26.627	0
"2012-01-18	11:00:00"	6.776	220.07	37.325	60.474	479.62	26.63	0
"2012-01-18	12:00:00"	6.5871	225.97	44.109	49.947	619.52	26.607	0
"2012-01-18	13:00:00"	6.7729	252.1	53.462	35.866	689.36	26.565	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-18	14:00:00"	7.0693	229.73	58.337	29.399	692.63	26.527	0
"2012-01-18	15:00:00"	9.5685	227.25	64.507	21.304	582.35	26.494	0
"2012-01-18	16:00:00"	11.22	218.91	67.066	19.179	451.19	26.471	0
"2012-01-18	17:00:00"	10.693	233.45	68.67	14.949	294.23	26.453	0
"2012-01-18	18:00:00"	7.933	229.24	66.524	15.086	108.26	26.444	0
"2012-01-18	19:00:00"	2.0524	236.8	57.521	23.24	2.7716	26.432	0
"2012-01-18	20:00:00"	3.146	237.73	52.859	27.562	0.13588	26.435	0
"2012-01-18	21:00:00"	3.5462	256.1	49.507	32.063	0.14648	26.441	0
"2012-01-18	22:00:00"	3.4325	242.66	49.468	31.903	0.1344	26.423	0
"2012-01-18	23:00:00"	8.1201	283.83	52.002	30.681	0.13503	26.415	0
"2012-01-19	00:00:00"	8.2897	290.22	51.446	32.098	0.13948	26.415	0
"2012-01-19	01:00:00"	5.1481	271.11	46.675	38.494	0.16089	26.406	0
"2012-01-19	02:00:00"	4.9635	264.86	44.881	40.271	0.15178	26.388	0
"2012-01-19	03:00:00"	5.8937	288.27	45.539	38.954	0.1734	26.376	0
"2012-01-19	04:00:00"	7.4906	284.57	47.586	35.939	0.12825	26.364	0
"2012-01-19	05:00:00"	6.6922	287.16	49.472	32.916	0.12952	26.358	0
"2012-01-19	06:00:00"	10.217	281.16	50.402	31.458	0.131	26.358	0
"2012-01-19	07:00:00"	8.2015	286.14	47.84	34.467	0.16216	26.373	0
"2012-01-19	08:00:00"	5.9527	266.7	47.39	34.949	2.216	26.379	0
"2012-01-19	09:00:00"	7.1147	260.35	47.179	36.3	62.186	26.391	0
"2012-01-19	10:00:00"	6.0534	256.55	51.905	32.872	237.28	26.406	0
"2012-01-19	11:00:00"	8.9049	265.86	61.543	24.216	421.47	26.415	0
"2012-01-19	12:00:00"	11.769	275.38	67.597	20.338	542.68	26.397	0
"2012-01-19	13:00:00"	12.161	280.97	70.485	18.874	670	26.37	0
"2012-01-19	14:00:00"	11.689	278.21	72.418	17.856	687.66	26.353	0
"2012-01-19	15:00:00"	11.072	279.43	74.834	16.859	617.28	26.323	0
"2012-01-19	16:00:00"	10.806	250.98	76.137	15.741	483.64	26.314	0
"2012-01-19	17:00:00"	9.2752	250.61	76.196	15.21	302.71	26.308	0
"2012-01-19	18:00:00"	6.0571	226.53	74.101	16.202	108.92	26.305	0
"2012-01-19	19:00:00"	4.7597	215.14	66.854	20.879	2.4821	26.311	0
"2012-01-19	20:00:00"	1.0843	244.67	57.118	29.631	0.11744	26.311	0
"2012-01-19	21:00:00"	1.697	248.85	53.341	32.571	0.11299	26.305	0
"2012-01-19	22:00:00"	3.8525	275.42	53.504	31.263	0.1575	26.305	0
"2012-01-19	23:00:00"	3.1889	290.63	50.321	35.297	0.15729	26.308	0
"2012-01-20	00:00:00"	3.3045	287.73	50.242	34.956	0.14415	26.302	0
"2012-01-20	01:00:00"	2.9534	283.47	46.816	40.231	0.15432	26.296	0
"2012-01-20	02:00:00"	3.5542	253.11	49.531	35.371	0.16301	26.288	0
"2012-01-20	03:00:00"	6.6866	201.29	49.325	33.425	0.17382	26.282	0
"2012-01-20	04:00:00"	6.2355	230.2	44.453	41.123	0.15305	26.264	0
"2012-01-20	05:00:00"	5.3898	256.61	41.295	46.387	0.16958	26.252	0
"2012-01-20	06:00:00"	5.2319	273.78	43.086	41.367	0.19311	26.246	0
"2012-01-20	07:00:00"	4.8001	270.94	43.262	41.056	0.17552	26.246	0
"2012-01-20	08:00:00"	6.3442	239.74	46.956	34.516	2.57	26.261	0
"2012-01-20	09:00:00"	3.7375	261.86	47.383	33.796	103.36	26.279	0
"2012-01-20	10:00:00"	5.7402	249.18	54.11	27.402	296.47	26.299	0
"2012-01-20	11:00:00"	13.257	277.87	63.281	16.984	486.88	26.326	0
"2012-01-20	12:00:00"	13.522	281.73	68.103	13.776	626.56	26.314	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-20	13:00:00"	11.855	272.08	72.436	11.309	702.21	26.276	0
"2012-01-20	14:00:00"	12.429	267	75.528	8.5322	704.28	26.264	0
"2012-01-20	15:00:00"	12.152	262.72	77.159	6.9211	638.59	26.264	0
"2012-01-20	16:00:00"	13.489	274.68	77.368	6.4778	503.03	26.27	0
"2012-01-20	17:00:00"	11.547	280.43	76.736	6.5769	316.51	26.282	0
"2012-01-20	18:00:00"	8.565	279.63	73.96	7.4108	116.78	26.299	0
"2012-01-20	19:00:00"	4.211	314.39	64.491	11.077	3.1116	26.326	0
"2012-01-20	20:00:00"	5.8303	315.28	60.123	14.063	0.10663	26.344	0
"2012-01-20	21:00:00"	7.275	294.51	58.263	16.65	0.14097	26.37	0
"2012-01-20	22:00:00"	6.617	300.3	52.95	22.072	0.15602	26.4	0
"2012-01-20	23:00:00"	5.9776	308.68	50.376	24.899	0.14372	26.418	0
"2012-01-21	00:00:00"	7.7342	327.01	48.271	26.449	0.17298	26.441	0
"2012-01-21	01:00:00"	6.87	333.85	45.678	31.254	0.1522	26.459	0
"2012-01-21	02:00:00"	8.5146	352.92	42.649	40.037	0.16068	26.444	0
"2012-01-21	03:00:00"	7.9281	354.75	40.517	48.791	0.19841	26.45	0
"2012-01-21	04:00:00"	7.4366	348.82	38.418	58.088	0.15792	26.453	0
"2012-01-21	05:00:00"	5.7458	314.53	35.194	64.522	0.18251	26.444	0
"2012-01-21	06:00:00"	5.0946	285.67	35.096	65.287	0.15475	26.456	0
"2012-01-21	07:00:00"	4.7529	291.46	32.393	72.443	0.14648	26.468	0
"2012-01-21	08:00:00"	4.5435	286.78	31.406	75.046	2.183	26.474	0
"2012-01-21	09:00:00"	4.7473	355.33	34.097	71.096	98.315	26.477	0
"2012-01-21	10:00:00"	4.477	85.726	40.214	57.486	289.39	26.497	0
"2012-01-21	11:00:00"	3.2013	154.85	44.906	48.087	479.54	26.483	0
"2012-01-21	12:00:00"	8.6458	180.22	48.735	42.094	619.58	26.45	0
"2012-01-21	13:00:00"	12.155	183.69	53.055	36.738	694.47	26.406	0
"2012-01-21	14:00:00"	13.039	184.97	57.121	30.776	699.66	26.356	0
"2012-01-21	15:00:00"	12.718	194.23	61.224	24.232	596	26.329	0
"2012-01-21	16:00:00"	11.717	214.25	63.932	20.292	508.35	26.302	0
"2012-01-21	17:00:00"	13.462	197.48	64.976	18.963	313.45	26.273	0
"2012-01-21	18:00:00"	11.948	184.15	63.449	19.93	116.56	26.232	0
"2012-01-21	19:00:00"	11.718	189.98	60.325	21.762	2.445	26.237	0
"2012-01-21	20:00:00"	12.061	192.2	56.315	26.121	0.11193	26.223	0
"2012-01-21	21:00:00"	12.322	192.52	53.833	29.9	0.11701	26.214	0
"2012-01-21	22:00:00"	6.1043	194.98	49.488	36.455	0.14287	26.196	0
"2012-01-21	23:00:00"	7.1253	209.02	47.245	40.187	0.14987	26.184	0
"2012-01-22	00:00:00"	10.24	215.47	47.675	40.481	0.16852	26.167	0
"2012-01-22	01:00:00"	12.007	195.54	51.118	32.685	0.14372	26.143	0
"2012-01-22	02:00:00"	11.5	209.42	53.502	25.344	0.13312	26.125	0
"2012-01-22	03:00:00"	12.483	195.18	55.777	21.403	0.14499	26.11	0
"2012-01-22	04:00:00"	12.232	209.56	58.329	19.522	0.10408	26.107	0
"2012-01-22	05:00:00"	12.321	222.1	58.579	18.664	0.10875	26.122	0
"2012-01-22	06:00:00"	7.0818	228.61	56.719	20.389	0.15517	26.14	0
"2012-01-22	07:00:00"	12.893	252.26	58.594	20.262	0.11892	26.146	0
"2012-01-22	08:00:00"	20.149	274.46	58.75	23.499	1.1837	26.178	0
"2012-01-22	09:00:00"	21.714	270.47	56.389	27.375	77.241	26.217	0
"2012-01-22	10:00:00"	17.043	287.6	54.238	30.957	283.04	26.252	0
"2012-01-22	11:00:00"	20.788	274.03	56.746	22.698	489.74	26.27	0

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"2012-01-22	12:00:00"	23.827	278.13	59.193	15.955	622.83	26.261	0
"2012-01-22	13:00:00"	24.629	279.62	60.786	14.501	696.3	26.261	0
"2012-01-22	14:00:00"	25.19	292.83	62.54	11.768	704.3	26.258	0
"2012-01-22	15:00:00"	22.251	299.17	63.6	10.626	639.54	26.264	0
"2012-01-22	16:00:00"	17.184	297.46	63.889	10.062	505.38	26.285	0
"2012-01-22	17:00:00"	14.984	298.51	63.672	9.6839	321.24	26.305	0
"2012-01-22	18:00:00"	11.091	312.11	61.789	10.489	120.99	26.326	0
"2012-01-22	19:00:00"	6.5611	327.7	52.92	17.046	3.9267	26.353	0
"2012-01-22	20:00:00"	6.0807	321.44	46.487	23.415	0.14309	26.385	0
"2012-01-22	21:00:00"	4.8237	309.47	43.869	27.845	0.15008	26.412	0
"2012-01-22	22:00:00"	7.4701	320.41	43.088	28.968	0.1611	26.42	0
"2012-01-22	23:00:00"	10.314	331.84	42.785	29.942	0.14711	26.432	0
"2012-01-23	00:00:00"	8.5836	323.53	40.932	32.172	0.16344	26.432	0
"2012-01-23	01:00:00"	6.0515	307.23	35.9	40.26	0.16895	26.447	0
"2012-01-23	02:00:00"	5.8856	289.28	38.348	38.232	0.17976	26.459	0
"2012-01-23	03:00:00"	6.8556	318.2	38.858	41.665	0.17594	26.474	0
"2012-01-23	04:00:00"	7.1743	328.23	43.155	35.572	0.16259	26.462	0
"2012-01-23	05:00:00"	8.2593	327.38	43.426	35.967	0.17043	26.459	0
"2012-01-23	06:00:00"	4.4074	317.77	41.937	39.15	0.15581	26.468	0
"2012-01-23	07:00:00"	3.9575	267.64	40.166	43.358	0.15623	26.474	0
"2012-01-23	08:00:00"	8.56	234.34	38.159	46.234	2.3388	26.494	0
"2012-01-23	09:00:00"	3.292	272.14	37.843	45.79	98.685	26.5	0
"2012-01-23	10:00:00"	5.3705	190.35	44.331	35.164	296.15	26.512	0
"2012-01-23	11:00:00"	9.5312	162.96	50.337	28.115	489.68	26.506	0
"2012-01-23	12:00:00"	13.327	161.94	53.683	26.046	629.69	26.477	0
"2012-01-23	13:00:00"	12.847	182.28	56.983	22.606	703.33	26.441	0
"2012-01-23	14:00:00"	11.764	201.01	59.911	18.222	708.19	26.397	0
"2012-01-23	15:00:00"	13.801	188.93	61.383	16.471	638.6	26.367	0
"2012-01-23	16:00:00"	13.946	187.81	62.199	15.128	504.19	26.35	0
"2012-01-23	17:00:00"	12.14	188.95	63.172	13.285	321.47	26.347	0
"2012-01-23	18:00:00"	9.0546	168.85	61.518	15.266	122.41	26.347	0
"2012-01-23	19:00:00"	4.9467	146.49	56.776	19.607	3.6009	26.344	0
"2012-01-23	20:00:00"	10.076	160.08	53.416	22.644	0.1185	26.347	0
"2012-01-23	21:00:00"	9.2112	169.71	51.391	26.334	0.14203	26.341	0
"2012-01-23	22:00:00"	5.6172	188.26	50.942	28.209	0.11426	26.35	0
"2012-01-23	23:00:00"	5.88	188.77	50.033	29.719	0.12952	26.353	0
"2012-01-24	00:00:00"	7.1085	183.19	48.785	31.878	0.14075	26.344	0
"2012-01-24	01:00:00"	8.5828	189.76	47.86	32.926	0.1317	26.335	0
"2012-01-24	02:00:00"	6.1534	189	45.662	36.229	0.13206	26.323	0
"2012-01-24	03:00:00"	7.8877	181.3	45.412	38.66	0.14902	26.305	0
"2012-01-24	04:00:00"	6.5424	192.77	46.975	37.244	0.16704	26.311	0
"2012-01-24	05:00:00"	6.4287	201.81	47.101	38.164	0.14478	26.299	0
"2012-01-24	06:00:00"	6.1323	171.47	45.554	43.448	0.13927	26.276	0
"2012-01-24	07:00:00"	7.577	164.08	45.27	48.647	0.13927	26.282	0
"2012-01-24	08:00:00"	4.7168	156.93	44.097	53.634	2.0566	26.267	0
"2012-01-24	09:00:00"	5.8844	132.21	44.559	57.964	44.07	26.273	0
"2012-01-24	10:00:00"	7.0271	137.97	47.189	60.383	123.28	26.276	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-24	11:00:00"	10.873	135.02	50.616	58.087	250	26.279	0
"2012-01-24	12:00:00"	10.528	128.79	53.066	54.99	353.11	26.27	0
"2012-01-24	13:00:00"	7.1302	133.94	55.394	50.425	382.84	26.24	0
"2012-01-24	14:00:00"	8.7781	134.37	57.352	47.886	242.72	26.214	0
"2012-01-24	15:00:00"	8.1859	156.95	58.215	44.59	293.47	26.214	0
"2012-01-24	16:00:00"	7.4285	176.28	58.003	44.461	199.18	26.226	0
"2012-01-24	17:00:00"	5.0082	196.44	57.44	44.554	142.1	26.252	0
"2012-01-24	18:00:00"	2.6694	174.52	57.283	45.267	91.818	26.279	0
"2012-01-24	19:00:00"	5.2897	301.66	52.886	51.436	4.1152	26.291	0
"2012-01-24	20:00:00"	7.7218	323.87	48.588	64.074	0.14309	26.317	0
"2012-01-24	21:00:00"	7.2253	11.348	46.69	79.501	0.13228	26.335	0
"2012-01-24	22:00:00"	6.8556	356.09	46.137	85.775	0.09815	26.37	0
"2012-01-24	23:00:00"	7.6366	335.11	46.246	85.008	0.13376	26.388	0
"2012-01-25	00:00:00"	10.954	1.9284	45.799	86.024	0.11892	26.382	0
"2012-01-25	01:00:00"	15.105	352.77	45.742	86.155	0.12104	26.361	0
"2012-01-25	02:00:00"	19.341	11.573	42.747	85.981	0.12825	26.412	0
"2012-01-25	03:00:00"	17.461	1.5423	42.23	81.618	0.11468	26.42	0
"2012-01-25	04:00:00"	18.534	0.68773	41.359	78.917	0.17298	26.435	0
"2012-01-25	05:00:00"	21.067	2.2474	40.362	78.53	0.12337	26.412	0
"2012-01-25	06:00:00"	20.961	4.8343	40.118	68.445	0.12528	26.435	0
"2012-01-25	07:00:00"	20.257	1.4676	39.299	67.067	0.1539	26.468	0
"2012-01-25	08:00:00"	19.798	352.48	38.835	67.915	0.48077	26.471	0
"2012-01-25	09:00:00"	19.886	346.75	36.028	79.509	15.22	26.483	0
"2012-01-25	10:00:00"	17.502	346.97	34.316	88.55	39.27	26.503	0
"2012-01-25	11:00:00"	18.723	348.14	34.559	89.466	43.86	26.515	0
"2012-01-25	12:00:00"	19.086	351.87	35.294	88.937	70.912	26.503	0.01
"2012-01-25	13:00:00"	21.289	351.63	36.92	85.863	180.11	26.471	0.01
"2012-01-25	14:00:00"	17.991	351.31	38.653	84.015	101.04	26.456	0.04
"2012-01-25	15:00:00"	8.9751	3.6841	39.991	86.674	62.065	26.444	0.07
"2012-01-25	16:00:00"	6.886	351.43	41.636	84.44	57.376	26.441	0.02
"2012-01-25	17:00:00"	3.356	6.3634	43.35	80.367	147.18	26.426	0.01
"2012-01-25	18:00:00"	4.5484	286.92	45.272	77.921	88.283	26.423	0
"2012-01-25	19:00:00"	5.0785	245.72	42.215	86.944	3.2766	26.444	0
"2012-01-25	20:00:00"	5.0362	265.4	40.177	90.144	0.08394	26.453	0
"2012-01-25	21:00:00"	6.9003	253.69	39.903	86.567	0.10345	26.441	0
"2012-01-25	22:00:00"	6.461	258.56	37.796	89.231	0.09242	26.453	0
"2012-01-25	23:00:00"	6.5685	270.81	36.345	88.3	0.08967	26.456	0.01
"2012-01-26	00:00:00"	7.7441	255.88	35.948	86.409	0.11638	26.447	0
"2012-01-26	01:00:00"	7.229	258.87	34.3	90.608	0.07271	26.441	0
"2012-01-26	02:00:00"	6.1665	257.62	33.442	93.042	0.08225	26.423	0
"2012-01-26	03:00:00"	6.0608	258.05	33.051	92.422	0.08076	26.426	0
"2012-01-26	04:00:00"	4.5031	295.35	31.517	90.997	0.07631	26.438	0
"2012-01-26	05:00:00"	7.334	309.58	33.843	86.27	0.08204	26.441	0
"2012-01-26	06:00:00"	9.1913	303.7	33.531	82.397	0.09369	26.45	0
"2012-01-26	07:00:00"	9.1006	306.27	33.665	76.063	0.17213	26.474	0
"2012-01-26	08:00:00"	12.424	332.94	34.856	70.36	3.0489	26.5	0
"2012-01-26	09:00:00"	10.937	336.47	38.617	61.209	97.294	26.545	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-26	10:00:00"	10.172	358.71	44.872	51.782	295.49	26.577	0
"2012-01-26	11:00:00"	10.826	22.551	51.539	39.472	487.66	26.589	0
"2012-01-26	12:00:00"	11.996	24.759	54.798	36.202	626.69	26.58	0
"2012-01-26	13:00:00"	13.661	21.736	58.748	29.674	698.3	26.559	0
"2012-01-26	14:00:00"	13.231	24.597	61.004	22.771	697.75	26.539	0
"2012-01-26	15:00:00"	12.019	31.493	61.932	19.833	622.97	26.521	0
"2012-01-26	16:00:00"	8.6265	40.604	62.215	17.538	489.53	26.521	0
"2012-01-26	17:00:00"	4.7603	50.673	61.819	16.426	311.66	26.512	0
"2012-01-26	18:00:00"	1.7243	165.62	61.06	17.771	113.98	26.503	0
"2012-01-26	19:00:00"	1.0613	179.71	55.198	28.439	5.9026	26.5	0
"2012-01-26	20:00:00"	2.03	197.05	50.668	39.216	0.13037	26.494	0
"2012-01-26	21:00:00"	5.1971	213.43	50.007	40.964	0.12804	26.483	0
"2012-01-26	22:00:00"	5.7893	212.72	48.564	47.057	0.14584	26.468	0
"2012-01-26	23:00:00"	5.3786	221.77	45.856	54.692	0.17001	26.456	0
"2012-01-27	00:00:00"	5.8241	215.25	45.285	57.542	0.15559	26.435	0
"2012-01-27	01:00:00"	7.5813	203.16	43.928	62.038	0.14415	26.403	0
"2012-01-27	02:00:00"	6.8804	212.38	43.394	63.436	0.1734	26.382	0
"2012-01-27	03:00:00"	7.8361	213.03	42.857	63.832	0.15602	26.373	0
"2012-01-27	04:00:00"	6.5642	210.09	42.122	65.359	0.11574	26.356	0
"2012-01-27	05:00:00"	6.1901	234.82	39.472	71.876	0.14733	26.332	0
"2012-01-27	06:00:00"	6.7586	234.69	37.919	76.524	0.12973	26.326	0
"2012-01-27	07:00:00"	6.8972	250.62	36.548	80.33	0.17298	26.338	0
"2012-01-27	08:00:00"	5.8869	252.32	36.032	81.03	3.8273	26.356	0
"2012-01-27	09:00:00"	2.3531	239.67	40.048	69.23	112.94	26.37	0
"2012-01-27	10:00:00"	3.9296	227.06	45.956	57.16	286.46	26.382	0
"2012-01-27	11:00:00"	5.9043	243.78	54.642	42.996	503.51	26.406	0
"2012-01-27	12:00:00"	11.551	280.97	62.962	25.172	635.08	26.397	0
"2012-01-27	13:00:00"	13.929	287.43	66.629	22.107	712.73	26.373	0
"2012-01-27	14:00:00"	14.105	288.8	68.783	21.236	716.51	26.358	0
"2012-01-27	15:00:00"	13.103	297.2	70.258	19.684	649.97	26.361	0
"2012-01-27	16:00:00"	13.914	306.06	70.877	18.058	515.35	26.37	0
"2012-01-27	17:00:00"	14.57	324.23	70.311	17.84	321.65	26.391	0
"2012-01-27	18:00:00"	11.186	328.12	67.106	20.11	76.248	26.418	0
"2012-01-27	19:00:00"	10.35	343.1	62.292	21.776	4.059	26.459	0
"2012-01-27	20:00:00"	14.124	19.962	57.046	28.82	0.11828	26.512	0
"2012-01-27	21:00:00"	18.316	34.867	50.872	38.667	0.13228	26.559	0
"2012-01-27	22:00:00"	15.824	35.658	47.608	43.366	0.16407	26.586	0
"2012-01-27	23:00:00"	15.115	27.264	45.293	48.033	0.15263	26.615	0
"2012-01-28	00:00:00"	16.041	42.365	43.841	48.865	0.18124	26.636	0
"2012-01-28	01:00:00"	12.887	37.773	42.576	51.344	0.16174	26.663	0
"2012-01-28	02:00:00"	9.0938	26.878	41.116	55.123	0.13461	26.692	0
"2012-01-28	03:00:00"	9.9674	16.783	40.221	56.547	0.16577	26.719	0
"2012-01-28	04:00:00"	10.477	15.416	39.815	54.989	0.14054	26.734	0
"2012-01-28	05:00:00"	10.563	32.648	39.284	50.425	0.17404	26.745	0
"2012-01-28	06:00:00"	8.0548	22.681	37.987	53.077	0.19163	26.769	0
"2012-01-28	07:00:00"	6.8233	5.7332	36.81	52.01	0.17064	26.804	0
"2012-01-28	08:00:00"	5.7781	330.86	35.101	58.152	1.7478	26.837	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-28	09:00:00"	5.2792	309.63	34.526	60.646	54.842	26.86	0
"2012-01-28	10:00:00"	6.1783	16.572	37.058	50.133	244.04	26.866	0
"2012-01-28	11:00:00"	7.3452	108.84	39.812	39.526	462.94	26.852	0
"2012-01-28	12:00:00"	4.8958	115.82	41.792	34.703	579.25	26.846	0
"2012-01-28	13:00:00"	6.9755	157.54	43.925	31.258	717.78	26.819	0
"2012-01-28	14:00:00"	8.2145	164.01	44.336	29.409	400.88	26.769	0
"2012-01-28	15:00:00"	8.2972	161.64	45.838	25.694	418.89	26.754	0
"2012-01-28	16:00:00"	9.4194	163.63	46.365	23.437	297.33	26.751	0
"2012-01-28	17:00:00"	6.7189	148.53	45.509	26.307	128.8	26.76	0
"2012-01-28	18:00:00"	5.0051	127.03	45.017	28.888	63.457	26.769	0
"2012-01-28	19:00:00"	3.5126	299.68	42.03	35.073	5.921	26.766	0
"2012-01-28	20:00:00"	3.589	264.38	38.112	43.055	0.1611	26.775	0
"2012-01-28	21:00:00"	6.8487	141.53	40.248	40.511	0.13736	26.769	0
"2012-01-28	22:00:00"	5.6905	148.24	39.282	42.426	0.17658	26.772	0
"2012-01-28	23:00:00"	5.2226	164.09	38.376	45.696	0.14478	26.778	0
"2012-01-29	00:00:00"	6.4591	227.92	35.864	52.564	0.16598	26.763	0
"2012-01-29	01:00:00"	8.8887	244.99	35.074	55.023	0.18039	26.757	0
"2012-01-29	02:00:00"	8.1598	261.58	32.992	61.006	0.18887	26.742	0
"2012-01-29	03:00:00"	8.3195	253.66	32.142	64.088	0.15517	26.742	0
"2012-01-29	04:00:00"	8.1884	260.66	31.142	66.146	0.1929	26.739	0
"2012-01-29	05:00:00"	7.3552	262.97	30.905	66.672	0.1717	26.725	0
"2012-01-29	06:00:00"	8.8123	257.85	30.742	66.174	0.1522	26.707	0
"2012-01-29	07:00:00"	8.7098	259.48	30.084	68.164	0.15432	26.71	0
"2012-01-29	08:00:00"	8.0293	265.43	30.514	67.749	4.3159	26.725	0
"2012-01-29	09:00:00"	3.1056	255.07	32.489	65.856	113.2	26.728	0
"2012-01-29	10:00:00"	6.0459	213.5	37.805	58.116	313.15	26.736	0
"2012-01-29	11:00:00"	8.2201	203.46	43.954	45.881	508.12	26.736	0
"2012-01-29	12:00:00"	12.559	189.57	48.488	36.961	652.6	26.725	0
"2012-01-29	13:00:00"	11.061	192.94	53.305	32.48	732.02	26.695	0
"2012-01-29	14:00:00"	9.6928	208.36	57.502	29.509	735.36	26.657	0
"2012-01-29	15:00:00"	11.595	195.86	60.034	27.338	667.99	26.627	0
"2012-01-29	16:00:00"	11.488	196.62	61.245	26.061	535.44	26.612	0
"2012-01-29	17:00:00"	11.156	202.46	61.4	25.823	350.6	26.612	0
"2012-01-29	18:00:00"	11.166	188.79	59.884	27.409	147.32	26.607	0
"2012-01-29	19:00:00"	5.9217	183.52	54.717	34.724	6.8522	26.609	0
"2012-01-29	20:00:00"	5.2835	179.94	49.012	43.449	0.15665	26.609	0
"2012-01-29	21:00:00"	4.0147	186.21	47.274	46.919	0.12062	26.612	0
"2012-01-29	22:00:00"	4.1023	195.7	47.167	49.337	0.17234	26.607	0
"2012-01-29	23:00:00"	4.2682	243.82	42.91	60.989	0.15029	26.607	0
"2012-01-30	00:00:00"	6.863	241.23	42.882	61.049	0.17679	26.604	0
"2012-01-30	01:00:00"	7.4981	214.31	43.012	58.784	0.15114	26.595	0
"2012-01-30	02:00:00"	7.654	226.44	40.074	64.298	0.15453	26.592	0
"2012-01-30	03:00:00"	7.4664	223.2	38.438	66.868	0.15432	26.571	0
"2012-01-30	04:00:00"	7.4894	249.92	37.364	69.124	0.20986	26.556	0
"2012-01-30	05:00:00"	7.3477	262.82	35.275	74.12	0.18039	26.542	0
"2012-01-30	06:00:00"	7.5428	250.91	35.359	73.799	0.1946	26.53	0
"2012-01-30	07:00:00"	7.3098	244.31	35.387	73.834	0.15559	26.527	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-01-30"	08:00:00"	7.7006	242.5	34.878	75.611	3.9986	26.518	0
"2012-01-30"	09:00:00"	4.6311	226.55	34.924	76.408	114.47	26.53	0
"2012-01-30"	10:00:00"	6.3933	225.43	38.788	72.789	316.31	26.533	0
"2012-01-30"	11:00:00"	7.6919	214.02	45.541	58.938	513.71	26.533	0
"2012-01-30"	12:00:00"	8.4177	217.71	53.355	41.317	662.47	26.53	0
"2012-01-30"	13:00:00"	10.032	212.22	58.729	32.6	741.26	26.491	0
"2012-01-30"	14:00:00"	11.484	219.27	62.452	28.735	734.94	26.45	0
"2012-01-30"	15:00:00"	13.492	213.03	65.548	25.206	679.42	26.423	0
"2012-01-30"	16:00:00"	11.76	220.18	67.029	23.624	396.48	26.409	0
"2012-01-30"	17:00:00"	13.775	196.65	66.77	24.913	278.28	26.4	0
"2012-01-30"	18:00:00"	14.477	191.66	66.963	25.341	155.56	26.391	0
"2012-01-30"	19:00:00"	8.6948	182.94	61.331	32.175	8.6975	26.397	0
"2012-01-30"	20:00:00"	11.086	194.78	59.195	35.191	0.11235	26.412	0
"2012-01-30"	21:00:00"	8.4121	201.78	54.219	44.391	0.14711	26.426	0
"2012-01-30"	22:00:00"	9.0788	195.41	51.316	54.517	0.12358	26.426	0
"2012-01-30"	23:00:00"	8.2468	196.88	49.721	58.724	0.12655	26.429	0
"2012-01-31"	00:00:00"	7.6764	200.99	46.685	66.196	0.17043	26.432	0
"2012-01-31"	01:00:00"	6.2622	201.9	44.508	76.858	0.13609	26.426	0
"2012-01-31"	02:00:00"	5.6458	228.98	42.369	84.705	0.12846	26.429	0
"2012-01-31"	03:00:00"	6.0217	236.56	39.951	90.681	0.08543	26.438	0
"2012-01-31"	04:00:00"	5.2674	249.64	38.719	93.387	0.09687	26.438	0
"2012-01-31"	05:00:00"	4.1048	250.69	38.366	94.135	0.09052	26.438	0
"2012-01-31"	06:00:00"	2.1071	246.87	38.531	94.402	0.08373	26.441	0
"2012-01-31"	07:00:00"	3.0137	243.38	38.333	94.44	0.08055	26.456	0
"2012-01-31"	08:00:00"	1.6286	254.28	37.4	94.67	4.5561	26.471	0
"2012-01-31"	09:00:00"	1.3701	244.54	40.212	94.694	85.798	26.477	0
"2012-01-31"	10:00:00"	6.0851	199.12	45.458	79.4	285.98	26.491	0
"2012-01-31"	11:00:00"	8.1586	209.02	53.236	59.219	482.17	26.503	0
"2012-01-31"	12:00:00"	6.2317	219.04	59.962	45.399	598.95	26.497	0
"2012-01-31"	13:00:00"	9.3193	253.6	68.529	20.874	714.28	26.474	0
"2012-01-31"	14:00:00"	10.993	275.65	69.819	16.287	732.72	26.447	0
"2012-01-31"	15:00:00"	9.2516	261.55	70.908	14.397	667.86	26.429	0
"2012-01-31"	16:00:00"	9.8804	254.24	71.543	13.616	533.64	26.426	0
"2012-01-31"	17:00:00"	8.4165	231.88	71.757	13.06	350.42	26.429	0
"2012-01-31"	18:00:00"	7.4794	225.04	69.44	14.074	104.1	26.435	0
"2012-01-31"	19:00:00"	6.1087	198.35	64.925	18.329	9.2145	26.447	0
"2012-01-31"	20:00:00"	2.5054	276.43	58.6	23.876	0.12316	26.459	0
"2012-01-31"	21:00:00"	2.2817	302.49	53.298	29.856	0.13206	26.477	0
"2012-01-31"	22:00:00"	3.535	308.92	48.21	36.81	0.13651	26.483	0
"2012-01-31"	23:00:00"	7.3744	304.71	51.45	32.299	0.13334	26.488	0
"2012-02-01"	00:00:00"	8.3264	308.89	49.856	33.487	0.12528	26.491	0
"2012-02-01"	01:00:00"	11.579	309.16	49.214	32.16	0.12528	26.506	0
"2012-02-01"	02:00:00"	8.6165	311.53	47.6	33.365	0.15686	26.518	0
"2012-02-01"	03:00:00"	6.2137	315.42	48.216	32.141	0.13842	26.512	0
"2012-02-01"	04:00:00"	4.8784	308.21	46.591	34.234	0.1416	26.503	0
"2012-02-01"	05:00:00"	5.6017	299.89	43.195	38.933	0.14627	26.515	0
"2012-02-01"	06:00:00"	6.6598	316.15	42.575	38.028	0.14627	26.527	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-01	07:00:00"	6.5318	314.12	41.981	38.59	0.14945	26.553	0
"2012-02-01	08:00:00"	8.3139	315.72	40.553	40.78	4.678	26.571	0
"2012-02-01	09:00:00"	10.794	323.87	45.045	35.38	117.26	26.598	0
"2012-02-01	10:00:00"	13.932	326.03	53.713	28.673	323.72	26.607	0
"2012-02-01	11:00:00"	15.396	315.76	59.418	23.483	521.69	26.612	0
"2012-02-01	12:00:00"	17.495	327.86	62.737	19.499	668.79	26.607	0
"2012-02-01	13:00:00"	14.892	335.35	64.121	17.557	750.3	26.589	0
"2012-02-01	14:00:00"	12.004	333.79	65.935	15.023	755.9	26.565	0
"2012-02-01	15:00:00"	8.6669	313.3	67.32	12.236	686.61	26.553	0
"2012-02-01	16:00:00"	6.7891	330.41	67.386	10.782	552.68	26.536	0
"2012-02-01	17:00:00"	5.5563	349.38	67.071	10.105	364.18	26.53	0
"2012-02-01	18:00:00"	4.5199	358.85	65.894	10.497	157.06	26.536	0
"2012-02-01	19:00:00"	3.7164	46.134	58.929	14.791	9.8829	26.542	0
"2012-02-01	20:00:00"	3.9283	23.231	51.513	20.062	0.13439	26.547	0
"2012-02-01	21:00:00"	5.3736	5.3681	47.695	24.016	0.12846	26.553	0
"2012-02-01	22:00:00"	5.0915	4.4426	47.067	25.67	0.12888	26.547	0
"2012-02-01	23:00:00"	4.8448	33.958	47.67	25.336	0.13673	26.536	0
"2012-02-02	00:00:00"	5.2388	93.641	45.862	27.403	0.1416	26.527	0
"2012-02-02	01:00:00"	3.8948	80.628	43.716	29.719	0.13206	26.509	0
"2012-02-02	02:00:00"	4.001	74.608	43.47	30.118	0.18972	26.506	0
"2012-02-02	03:00:00"	4.0141	58.663	42.834	32.124	0.16958	26.488	0
"2012-02-02	04:00:00"	4.175	79.146	42.07	34.034	0.15665	26.468	0
"2012-02-02	05:00:00"	3.8065	79.066	39.55	39.93	0.16195	26.453	0
"2012-02-02	06:00:00"	5.2531	97.782	39.207	51.051	0.16768	26.438	0
"2012-02-02	07:00:00"	5.675	95.419	40.269	64.032	0.18909	26.42	0
"2012-02-02	08:00:00"	5.4059	85.924	39.183	69.416	2.9232	26.403	0
"2012-02-02	09:00:00"	9.9544	103.1	41.204	69.967	60.868	26.391	0
"2012-02-02	10:00:00"	14.607	125.77	45.911	72.261	138.81	26.385	0
"2012-02-02	11:00:00"	17.223	146.94	50.997	79.919	273.5	26.379	0
"2012-02-02	12:00:00"	17.768	161.63	56.086	73.239	429	26.353	0
"2012-02-02	13:00:00"	17.749	177.25	60.737	57.233	505.29	26.32	0
"2012-02-02	14:00:00"	18.014	186.39	63.968	45.962	665.89	26.282	0
"2012-02-02	15:00:00"	18.362	178.54	66.078	40.986	710.31	26.264	0
"2012-02-02	16:00:00"	15.763	186.09	68.194	32.258	558.03	26.249	0
"2012-02-02	17:00:00"	14.961	186.9	68.738	30.723	354.01	26.24	0
"2012-02-02	18:00:00"	12.683	173.11	67.659	35.508	147.01	26.24	0
"2012-02-02	19:00:00"	11.915	152.39	64.181	49.289	9.6582	26.252	0
"2012-02-02	20:00:00"	12.321	149.12	60.415	71.028	0.10663	26.264	0
"2012-02-02	21:00:00"	13.677	144.75	58.006	80.191	0.12931	26.258	0
"2012-02-02	22:00:00"	12.537	156.18	56.625	86.167	0.08543	26.267	0
"2012-02-02	23:00:00"	14.664	163.85	56.319	87.808	0.10133	26.273	0
"2012-02-03	00:00:00"	16.084	169.85	56.855	87.507	0.08267	26.276	0
"2012-02-03	01:00:00"	16.511	178.88	57.426	86.193	0.09009	26.273	0
"2012-02-03	02:00:00"	15.777	182.49	57.926	86.086	0.12189	26.27	0
"2012-02-03	03:00:00"	12.132	190.17	57.875	85.481	0.10705	26.276	0
"2012-02-03	04:00:00"	10.691	190.49	56.68	87.117	0.09369	26.294	0
"2012-02-03	05:00:00"	8.573	201.73	55.179	87.366	0.09815	26.302	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-03	06:00:00"	6.5629	245.18	52.796	87.866	0.10069	26.32	0
"2012-02-03	07:00:00"	4.4652	265.67	48.837	89.934	0.09624	26.338	0
"2012-02-03	08:00:00"	2.885	270.14	44.573	92.214	2.4889	26.347	0
"2012-02-03	09:00:00"	4.8542	291.09	41.16	92.916	95.754	26.382	0
"2012-02-03	10:00:00"	10.701	320.39	46.198	63.863	289	26.418	0
"2012-02-03	11:00:00"	12.093	318.63	52.598	35.17	497.42	26.438	0
"2012-02-03	12:00:00"	13.685	329.01	54.947	32.977	659.41	26.441	0
"2012-02-03	13:00:00"	13.959	313.11	57.062	31.125	737.45	26.429	0
"2012-02-03	14:00:00"	13.981	300.19	59.897	23.924	749.42	26.409	0
"2012-02-03	15:00:00"	13.199	312.16	61.127	23.318	685.13	26.409	0
"2012-02-03	16:00:00"	10.264	297.71	62.953	16.455	554.89	26.418	0
"2012-02-03	17:00:00"	8.1791	292.98	62.428	15.975	333.25	26.432	0
"2012-02-03	18:00:00"	7.7901	312.74	60.564	17.215	142.51	26.447	0
"2012-02-03	19:00:00"	5.7645	351.18	53.559	24.283	7.2417	26.468	0
"2012-02-03	20:00:00"	8.6613	23.42	49.55	37.979	0.13651	26.494	0
"2012-02-03	21:00:00"	12.123	27.876	47.29	50.337	0.13545	26.503	0
"2012-02-03	22:00:00"	16.167	26.603	45.207	59.181	0.14542	26.53	0
"2012-02-03	23:00:00"	14.972	16.765	42.939	66.786	0.14754	26.55	0
"2012-02-04	00:00:00"	14.872	13.008	41.041	69.923	0.15814	26.574	0
"2012-02-04	01:00:00"	14.278	12.297	38.662	70.04	0.13275	26.598	0
"2012-02-04	02:00:00"	18.37	8.4294	36.595	67.081	0.15686	26.595	0
"2012-02-04	03:00:00"	18.849	9.2295	35.731	64.95	0.16831	26.592	0
"2012-02-04	04:00:00"	20.642	9.4582	35.512	63.724	0.14627	26.589	0
"2012-02-04	05:00:00"	21.276	8.7642	35.568	61.944	0.13863	26.604	0
"2012-02-04	06:00:00"	17.91	7.6336	35.01	63.319	0.21177	26.63	0
"2012-02-04	07:00:00"	15.601	0.5498	34.735	63.248	0.15538	26.66	0
"2012-02-04	08:00:00"	14.964	350.44	34.462	63.446	1.8538	26.683	0
"2012-02-04	09:00:00"	15.749	353.6	34.763	62.802	62.232	26.701	0
"2012-02-04	10:00:00"	18.778	5.6336	37.166	57.923	290.85	26.719	0
"2012-02-04	11:00:00"	16.761	13.319	39.241	53.148	432.92	26.728	0
"2012-02-04	12:00:00"	15.433	25.428	42.975	45.637	649.42	26.722	0
"2012-02-04	13:00:00"	13.625	32.263	45.242	41.688	602.55	26.698	0
"2012-02-04	14:00:00"	13.472	33.576	46.996	39.076	571.6	26.674	0
"2012-02-04	15:00:00"	12.747	35.4	49.026	36.513	684.78	26.657	0
"2012-02-04	16:00:00"	12.721	24.6	49.017	36.605	489.91	26.657	0
"2012-02-04	17:00:00"	13.46	31.914	48.398	37.506	242.31	26.663	0
"2012-02-04	18:00:00"	12.969	23.886	47.441	39.469	119.01	26.672	0
"2012-02-04	19:00:00"	10.547	17.485	45.197	42.975	13.038	26.692	0
"2012-02-04	20:00:00"	6.671	1.9652	42.031	48.585	0.13694	26.716	0
"2012-02-04	21:00:00"	6.9183	356.11	39.06	54.877	0.14605	26.731	0
"2012-02-04	22:00:00"	7.6348	4	37.405	59.789	0.16513	26.748	0
"2012-02-04	23:00:00"	7.3011	358.83	35.694	64.426	0.15326	26.754	0
"2012-02-05	00:00:00"	7.5217	347.61	33.767	69.765	0.17531	26.772	0
"2012-02-05	01:00:00"	10.123	357.3	35.24	68.923	0.18718	26.766	0
"2012-02-05	02:00:00"	12.302	2.1383	35.579	68.187	0.18251	26.757	0
"2012-02-05	03:00:00"	9.305	356.42	33.906	71.395	0.17022	26.766	0
"2012-02-05	04:00:00"	8.7533	345.08	31.768	75.787	0.16492	26.751	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-05	05:00:00"	8.7551	333.12	29.785	80.308	0.16937	26.751	0
"2012-02-05	06:00:00"	10.545	351.81	28.05	83.87	0.12825	26.751	0
"2012-02-05	07:00:00"	10.808	350.77	28.813	83.408	0.14097	26.751	0
"2012-02-05	08:00:00"	10.439	350.17	29.401	82.467	4.3259	26.781	0
"2012-02-05	09:00:00"	9.7791	352.29	30.554	79.873	113.73	26.79	0
"2012-02-05	10:00:00"	12.758	5.22	33.856	70.34	318.98	26.798	0
"2012-02-05	11:00:00"	10.653	21.772	37.227	57.847	417.71	26.798	0
"2012-02-05	12:00:00"	10.054	21.385	39.388	47.467	472.63	26.793	0
"2012-02-05	13:00:00"	6.2174	62.591	41.572	39.927	656.73	26.763	0
"2012-02-05	14:00:00"	6.6959	75.151	43.356	35.046	631.02	26.739	0
"2012-02-05	15:00:00"	5.6433	79.281	44.241	32.887	529.17	26.713	0
"2012-02-05	16:00:00"	6.0627	71.089	45.758	29.868	545.91	26.695	0
"2012-02-05	17:00:00"	5.862	65.794	45.931	30.382	208.5	26.686	0
"2012-02-05	18:00:00"	4.9355	53.249	45.691	30.166	89.212	26.68	0
"2012-02-05	19:00:00"	4.1445	22.512	44.475	30.339	12.177	26.68	0
"2012-02-05	20:00:00"	3.2939	333.06	40.008	36.29	0.20753	26.677	0
"2012-02-05	21:00:00"	3.4405	265.37	37.644	40.957	0.15708	26.689	0
"2012-02-05	22:00:00"	4.9486	154.87	38.305	43.28	0.14478	26.683	0
"2012-02-05	23:00:00"	3.8214	178.16	37.074	46.707	0.19396	26.683	0
"2012-02-06	00:00:00"	4.2067	282.85	33.81	52.934	0.15199	26.68	0
"2012-02-06	01:00:00"	4.2937	275.69	32.623	57.574	0.15792	26.686	0
"2012-02-06	02:00:00"	3.773	269.04	33.579	57.433	0.13651	0	0
"2012-02-06	03:00:00"	3.2964	246.86	35.451	56.109	0.14499	26.669	0
"2012-02-06	04:00:00"	2.7403	274.32	35.24	57.756	0.13397	26.657	0
"2012-02-06	05:00:00"	2.4787	285.83	33.042	62.701	0.16386	26.642	0
"2012-02-06	06:00:00"	2.9043	312.68	32.868	64.898	0.17064	26.645	0
"2012-02-06	07:00:00"	2.7626	344.79	33.98	65.092	0.15029	26.642	0
"2012-02-06	08:00:00"	2.9863	210.7	34.122	66.698	2.4969	26.651	0
"2012-02-06	09:00:00"	5.5718	166.04	35.46	65.171	48.305	26.648	0
"2012-02-06	10:00:00"	9.5281	142.8	37.921	58.106	162.4	26.651	0
"2012-02-06	11:00:00"	11.288	142.31	40.268	50.629	325.65	26.636	0
"2012-02-06	12:00:00"	12.88	151.6	43.089	42.381	612.44	26.615	0
"2012-02-06	13:00:00"	11.895	159.45	45.379	38.766	744.1	26.58	0
"2012-02-06	14:00:00"	10.727	162.76	47.271	35.694	749.42	26.542	0
"2012-02-06	15:00:00"	10.901	154.46	49.362	33.58	685.44	26.509	0
"2012-02-06	16:00:00"	11.139	157.64	51.255	33.402	553.6	26.497	0
"2012-02-06	17:00:00"	11.426	158.68	52.093	34.235	335.51	26.48	0
"2012-02-06	18:00:00"	12.288	168.24	51.786	35.741	149.42	26.471	0
"2012-02-06	19:00:00"	6.763	174.05	48.854	40.208	11.948	26.471	0
"2012-02-06	20:00:00"	5.204	149.65	45.951	45.896	0.14372	26.477	0
"2012-02-06	21:00:00"	6.5623	136.63	44.454	50.396	0.15411	26.48	0
"2012-02-06	22:00:00"	8.0921	135.74	42.834	54.481	0.14754	26.48	0
"2012-02-06	23:00:00"	8.6159	147.01	41.608	56.811	0.15199	26.477	0
"2012-02-07	00:00:00"	6.5058	144.66	40.823	59.113	0.1628	26.477	0
"2012-02-07	01:00:00"	6.2299	139.36	39.702	63.593	0.15771	26.477	0
"2012-02-07	02:00:00"	5.6116	144.04	38.47	67.391	0.1611	26.468	0
"2012-02-07	03:00:00"	3.7916	258.77	34.587	74.268	0.15517	26.468	0

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"2012-02-07	04:00:00"	6.3958	329.13	30.335	82.664	0.16831	26.468	0
"2012-02-07	05:00:00"	9.1478	348.37	28.931	85.204	0.1628	26.477	0
"2012-02-07	06:00:00"	11.224	351.77	30.299	84.783	0.17764	26.503	0
"2012-02-07	07:00:00"	9.0708	348.58	31.058	84.553	0.14987	26.524	0
"2012-02-07	08:00:00"	9.7885	346.97	31.454	83.847	2.8736	26.559	0
"2012-02-07	09:00:00"	14.803	348.36	33.534	79.819	66.852	26.583	0
"2012-02-07	10:00:00"	20.179	359.77	37.166	68.482	222.96	26.601	0
"2012-02-07	11:00:00"	22.02	11.522	39.441	63.377	327.05	26.63	0
"2012-02-07	12:00:00"	20.224	20.588	41.919	59.472	461.28	26.651	0
"2012-02-07	13:00:00"	20.076	18.199	45.675	52.48	716.26	26.651	0
"2012-02-07	14:00:00"	18.32	21.859	47.946	47.743	667.58	26.639	0
"2012-02-07	15:00:00"	17.015	23.418	49.313	43.755	671.55	26.642	0
"2012-02-07	16:00:00"	16.079	28.51	49.813	41.178	540.84	26.651	0
"2012-02-07	17:00:00"	14.298	32.704	48.887	41.827	370.79	26.66	0
"2012-02-07	18:00:00"	14.676	24.51	46.646	44.723	138.51	26.686	0
"2012-02-07	19:00:00"	13.707	7.1004	41.91	51.832	8.9576	26.716	0
"2012-02-07	20:00:00"	12.669	5.9865	39.091	56.993	0.12804	26.745	0
"2012-02-07	21:00:00"	14.077	7.3707	35.929	63.221	0.14987	26.772	0
"2012-02-07	22:00:00"	11.121	7.0225	32.275	71.121	0.1681	26.781	0
"2012-02-07	23:00:00"	11.123	9.3285	30.344	75.54	0.15623	26.793	0
"2012-02-08	00:00:00"	10.709	9.7493	28.613	79.18	0.16365	26.787	0
"2012-02-08	01:00:00"	9.9071	15.373	27.819	80.919	0.17573	26.79	0
"2012-02-08	02:00:00"	11.162	6.6894	26.437	82.543	0.17573	26.787	0
"2012-02-08	03:00:00"	9.9655	2.0234	24.764	84.628	0.18103	26.787	0
"2012-02-08	04:00:00"	8.7731	357.22	23.315	86.473	0.16089	26.772	0
"2012-02-08	05:00:00"	8.1555	355.84	22.375	87.766	0.19756	26.778	0
"2012-02-08	06:00:00"	6.2336	309.19	22.275	87.23	0.12592	26.784	0
"2012-02-08	07:00:00"	3.4822	311.34	19.741	89.564	0.12125	26.784	0
"2012-02-08	08:00:00"	5.9043	316.25	19.989	89.485	7.429	26.796	0
"2012-02-08	09:00:00"	2.9105	322.95	23.178	85.887	133.21	26.801	0
"2012-02-08	10:00:00"	3.4188	109.66	29.221	72.434	329.38	26.801	0
"2012-02-08	11:00:00"	5.9099	142.06	32.204	62.751	522.46	26.798	0
"2012-02-08	12:00:00"	6.8177	165.65	34.948	56.408	666.59	26.781	0
"2012-02-08	13:00:00"	6.9078	180.72	37.646	51.3	743.37	26.748	0
"2012-02-08	14:00:00"	6.3113	183.17	41.426	46.925	751.29	26.701	0
"2012-02-08	15:00:00"	6.32	177.55	44.482	44.972	593.32	26.669	0
"2012-02-08	16:00:00"	7.8423	171.6	45.65	44.786	505.9	26.642	0
"2012-02-08	17:00:00"	7.3477	159.68	47.059	44.403	372.12	26.624	0
"2012-02-08	18:00:00"	8.427	175.75	47.077	46.662	163.11	26.615	0
"2012-02-08	19:00:00"	6.6953	198.42	45.18	49.33	16.864	26.615	0
"2012-02-08	20:00:00"	4.8846	203.24	41.191	55.482	0.17806	26.615	0
"2012-02-08	21:00:00"	5.0076	199.34	38.544	60.578	0.12592	26.624	0
"2012-02-08	22:00:00"	4.0091	212.53	36.817	65.509	0.16428	26.63	0
"2012-02-08	23:00:00"	4.7833	222.34	36.037	68.7	0.14054	26.627	0
"2012-02-09	00:00:00"	4.8187	220.47	34.883	71.276	0.13482	26.612	0
"2012-02-09	01:00:00"	4.9505	220.03	34.258	74.398	0.18103	26.601	0
"2012-02-09	02:00:00"	6.6574	215.16	34.874	76.239	0.15474	26.586	0

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"2012-02-09	03:00:00"	6.9656	233.99	34.481	78.808	0.17955	26.58	0
"2012-02-09	04:00:00"	7.3695	232.92	33.954	80.903	0.16068	26.559	0
"2012-02-09	05:00:00"	7.6217	241.91	33.704	82.23	0.12549	26.545	0
"2012-02-09	06:00:00"	6.471	232.26	34.113	82.861	0.13545	26.533	0
"2012-02-09	07:00:00"	6.5443	219.24	33.761	83.981	0.18887	26.524	0
"2012-02-09	08:00:00"	5.1518	222.75	32.741	86.762	6.8949	26.527	0
"2012-02-09	09:00:00"	3.7941	232.07	33.625	85.83	126.54	26.533	0
"2012-02-09	10:00:00"	9.7593	183.06	38.179	75.067	284.56	26.533	0
"2012-02-09	11:00:00"	7.0718	227.59	43.785	61.398	302.35	26.565	0
"2012-02-09	12:00:00"	4.1806	256.25	46.538	55.564	452.93	26.536	0
"2012-02-09	13:00:00"	4.7137	191.61	52.446	45.257	663.59	26.5	0
"2012-02-09	14:00:00"	4.4422	182.37	54.952	40.992	379.44	26.462	0
"2012-02-09	15:00:00"	3.7699	155.82	57.025	38.276	341.94	26.447	0
"2012-02-09	16:00:00"	3.1547	163.1	58.112	37.02	235.2	26.423	0
"2012-02-09	17:00:00"	12.944	157.65	55.936	41.959	140.35	26.379	0
"2012-02-09	18:00:00"	7.8224	138.23	56.944	39.854	190.87	26.418	0
"2012-02-09	19:00:00"	3.9911	198.64	55.701	42.566	19.875	26.423	0
"2012-02-09	20:00:00"	3.7531	202.88	52.883	46.796	0.14669	26.432	0
"2012-02-09	21:00:00"	3.4001	193.38	50.635	50.404	0.15347	26.447	0
"2012-02-09	22:00:00"	10.648	346.38	48.761	57.762	0.12634	26.515	0
"2012-02-09	23:00:00"	17.987	18.026	41.421	74.812	0.12634	26.527	0
"2012-02-10	00:00:00"	17.75	18.695	38.446	74.612	0.15898	26.545	0
"2012-02-10	01:00:00"	14.477	9.2506	36.801	78.438	0.14563	26.559	0
"2012-02-10	02:00:00"	13.191	356.96	37.179	78.832	0.12888	26.568	0
"2012-02-10	03:00:00"	13.905	353.98	38.228	76.327	0.12316	26.571	0
"2012-02-10	04:00:00"	12.914	353.26	39.532	71.251	0.15623	26.583	0
"2012-02-10	05:00:00"	8.0113	337.49	36.537	75.696	0.17743	26.589	0
"2012-02-10	06:00:00"	7.984	321.75	32.675	83.252	0.16216	26.612	0
"2012-02-10	07:00:00"	7.0495	311.98	31.063	87.025	0.1327	26.621	0
"2012-02-10	08:00:00"	7.4608	315.15	31.362	87.112	9.477	26.639	0
"2012-02-10	09:00:00"	6.53	290.31	31.855	84.599	139.64	26.672	0
"2012-02-10	10:00:00"	8.0884	310.48	37.05	74.599	351.5	26.68	0
"2012-02-10	11:00:00"	7.8839	319.31	43.83	58.342	550.76	26.686	0
"2012-02-10	12:00:00"	5.3848	334.39	49.335	35.291	697.51	26.677	0
"2012-02-10	13:00:00"	4.9312	40.842	50.977	31.256	778.88	26.636	0
"2012-02-10	14:00:00"	4.587	167.33	52.749	28.928	784.93	26.621	0
"2012-02-10	15:00:00"	5.4643	189.31	54.304	27.183	714.47	26.595	0
"2012-02-10	16:00:00"	5.0685	187.71	54.974	25.524	581.36	26.583	0
"2012-02-10	17:00:00"	4.2365	193.33	55.761	24.794	396.11	26.577	0
"2012-02-10	18:00:00"	3.0745	181.38	55.134	24.993	182.56	26.574	0
"2012-02-10	19:00:00"	5.0723	158.7	51.72	29.181	19.106	26.574	0
"2012-02-10	20:00:00"	5.2655	150.25	48.144	33.734	0.12994	26.589	0
"2012-02-10	21:00:00"	5.5333	145.03	46.687	35.89	0.14309	26.598	0
"2012-02-10	22:00:00"	7.9827	134.31	46.781	36.081	0.12464	26.612	0
"2012-02-10	23:00:00"	9.2435	134.6	44.213	41.887	0.16768	26.624	0
"2012-02-11	00:00:00"	11.051	124.38	42.043	45.628	0.15199	26.63	0
"2012-02-11	01:00:00"	10.255	115.72	38.545	53.195	0.14923	26.633	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-11	02:00:00"	10.551	119.7	37.755	55.97	0.14711	26.636	0
"2012-02-11	03:00:00"	6.832	121.34	35.205	60.632	0.1416	26.639	0
"2012-02-11	04:00:00"	3.2442	100.94	31.776	70.536	0.17573	26.636	0
"2012-02-11	05:00:00"	4.5994	67.911	30.726	77.419	0.13885	26.645	0
"2012-02-11	06:00:00"	8.7452	58.607	29.234	83.974	0.20477	26.66	0
"2012-02-11	07:00:00"	12.155	64.17	27.951	88.92	0.18781	26.674	0
"2012-02-11	08:00:00"	13.982	69.025	27.235	88.183	4.3776	26.704	0
"2012-02-11	09:00:00"	16.03	57.798	25.644	81.656	98.253	26.728	0
"2012-02-11	10:00:00"	17.754	60.174	25.734	66.261	350.58	26.757	0
"2012-02-11	11:00:00"	16.268	61.211	27.102	66.43	541.15	26.778	0
"2012-02-11	12:00:00"	15.757	53.007	29.356	62.178	692.43	26.787	0
"2012-02-11	13:00:00"	12.605	66.057	31.806	52.008	627.21	26.766	0
"2012-02-11	14:00:00"	11.485	61.134	33.19	45.842	552.59	26.739	0
"2012-02-11	15:00:00"	9.52	52.749	33.746	43.189	357.55	26.731	0
"2012-02-11	16:00:00"	7.902	51.046	34.039	41.846	272.42	26.725	0
"2012-02-11	17:00:00"	8.6942	70.436	34.236	40.079	236.15	26.722	0
"2012-02-11	18:00:00"	9.3175	75.526	33.735	38.598	118.51	26.707	0
"2012-02-11	19:00:00"	8.4059	86.967	32.259	37.867	10.989	26.719	0
"2012-02-11	20:00:00"	7.083	86.294	31.014	37.033	0.17976	26.739	0
"2012-02-11	21:00:00"	9.4622	98.829	30.24	39.045	0.20329	26.784	0
"2012-02-11	22:00:00"	7.3197	75.172	29.39	41.806	0.18633	26.775	0
"2012-02-11	23:00:00"	7.764	68.274	28.749	43.32	0.21579	26.745	0
"2012-02-12	00:00:00"	8.2934	78.742	28.403	44.261	0.2194	26.751	0
"2012-02-12	01:00:00"	8.268	84.829	28.096	43.759	0.18951	26.751	0
"2012-02-12	02:00:00"	7.2775	86.018	27.637	44.426	0.19672	26.739	0
"2012-02-12	03:00:00"	7.5347	81.128	27.264	46.957	0.18379	26.719	0
"2012-02-12	04:00:00"	8.2077	89.91	26.797	50.823	0.16937	26.707	0
"2012-02-12	05:00:00"	6.7966	70.973	25.927	58.526	0.17552	26.689	0
"2012-02-12	06:00:00"	7.9927	88.851	24.945	65.306	0.17001	26.686	0
"2012-02-12	07:00:00"	9.0329	95.79	24.11	69.752	0.17234	26.669	0
"2012-02-12	08:00:00"	9.8525	98.49	23.453	73.175	1.9405	26.672	0
"2012-02-12	09:00:00"	10.577	103.36	23.191	76.988	32.954	26.674	0
"2012-02-12	10:00:00"	10.785	106.43	23.031	81.244	53.966	26.677	0
"2012-02-12	11:00:00"	10.476	105.94	23.185	83.846	95.315	26.657	0
"2012-02-12	12:00:00"	10.891	114.42	24.28	82.704	144.89	26.636	0
"2012-02-12	13:00:00"	9.9363	121.09	24.571	83.892	132.3	26.598	0
"2012-02-12	14:00:00"	10.007	124.79	24.715	84.945	99.043	26.55	0
"2012-02-12	15:00:00"	8.8284	129.62	25.076	87.523	78.438	26.509	0
"2012-02-12	16:00:00"	7.4875	134.37	25.925	88.784	96.79	26.485	0
"2012-02-12	17:00:00"	9.6064	131.02	26.546	88.399	75.325	26.447	0
"2012-02-12	18:00:00"	9.1292	132.16	26.611	88.914	43.55	26.456	0
"2012-02-12	19:00:00"	7.5316	138.95	26.637	90.572	2.3916	26.444	0
"2012-02-12	20:00:00"	9.2398	156.51	27.721	92.645	0.08034	26.444	0
"2012-02-12	21:00:00"	11.98	126.89	28.423	93.129	0.08034	26.388	0
"2012-02-12	22:00:00"	9.8823	173.12	29.188	92.495	0.1115	26.4	0
"2012-02-12	23:00:00"	8.396	216.31	29.673	92.766	0.08924	0	0
"2012-02-13	00:00:00"	7.2607	212.36	29.99	93.656	0.11638	0	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-13	01:00:00"	5.4066	208.74	30.232	94.168	0.09136	26.385	0
"2012-02-13	02:00:00"	7.9958	217.89	30.389	93.943	0.08098	0	0
"2012-02-13	03:00:00"	6.5095	212.36	30.461	94.032	0.07292	0	0
"2012-02-13	04:00:00"	12.161	216.62	30.561	94.274	0.08267	26.338	0
"2012-02-13	05:00:00"	32.377	232.82	30.501	93.906	0.0884	0	0
"2012-02-13	06:00:00"	30.447	222.12	30.355	94.192	0.09369	26.323	0
"2012-02-13	07:00:00"	4.0122	24.297	29.805	93.963	0.08098	26.323	0
"2012-02-13	08:00:00"	44.313	228.04	29.746	93.749	4.0759	0	0
"2012-02-13	09:00:00"	42.051	259.55	29.739	93.621	60.626	0	0
"2012-02-13	10:00:00"	25.784	305.52	30.274	93.957	175.18	26.341	0
"2012-02-13	11:00:00"	22.604	11.062	31.636	94.006	301.74	26.347	0
"2012-02-13	12:00:00"	9.1609	220.3	36.238	94.19	564.18	26.338	0.08
"2012-02-13	13:00:00"	9.6772	213.27	45.473	82.029	717.93	26.308	0.1
"2012-02-13	14:00:00"	12.307	228.69	53.878	53.459	758.9	26.285	0
"2012-02-13	15:00:00"	11.678	268.88	60	30.775	709.42	26.267	0
"2012-02-13	16:00:00"	9.8021	273.79	61.394	26.614	581.51	26.255	0
"2012-02-13	17:00:00"	10.22	215.94	61.182	26.328	396.69	26.249	0
"2012-02-13	18:00:00"	7.9859	200.88	60.573	25.16	189.24	26.249	0
"2012-02-13	19:00:00"	6.9973	190.74	57.892	27.507	23.037	26.264	0
"2012-02-13	20:00:00"	3.9034	219.59	53.353	33.222	0.10938	26.282	0
"2012-02-13	21:00:00"	2.5203	254.48	48.992	38.654	0.15962	26.294	0
"2012-02-13	22:00:00"	3.9836	262.06	47.859	39.136	0.16556	26.299	0
"2012-02-13	23:00:00"	3.5356	304.63	42.155	50.425	0.14033	26.302	0
"2012-02-14	00:00:00"	3.1628	280	39.29	56.382	0.16322	26.299	0
"2012-02-14	01:00:00"	3.5294	268.77	41.186	50.752	0.15029	26.299	0
"2012-02-14	02:00:00"	3.1323	278.42	40.631	51.385	0.18485	26.302	0
"2012-02-14	03:00:00"	3.4449	286.63	37.544	58.016	0.20053	26.288	0
"2012-02-14	04:00:00"	3.6785	284.95	38.478	57.751	0.14309	26.279	0
"2012-02-14	05:00:00"	4.0141	290.58	38.692	60.235	0.12719	26.276	0
"2012-02-14	06:00:00"	3.7885	240.67	40.322	55.254	0.16089	26.291	0
"2012-02-14	07:00:00"	5.304	196.95	37.654	63.285	0.19566	26.294	0
"2012-02-14	08:00:00"	3.8792	191.06	39.335	60.262	11.292	26.311	0
"2012-02-14	09:00:00"	4.413	175.09	40.906	63.185	148.53	26.329	0
"2012-02-14	10:00:00"	5.1555	178.48	47.128	53.666	363.51	26.335	0
"2012-02-14	11:00:00"	5.6085	219.42	53.171	41.569	558.83	26.329	0
"2012-02-14	12:00:00"	7.5323	200.82	59.494	35.337	702.92	26.302	0
"2012-02-14	13:00:00"	13.264	216.76	64.975	28.675	778.32	26.279	0
"2012-02-14	14:00:00"	14.706	210.79	65.83	26.018	783.43	26.243	0
"2012-02-14	15:00:00"	15.912	218.23	67.079	23.034	720.2	26.223	0
"2012-02-14	16:00:00"	13.975	216.62	67.225	22.2	458.5	26.217	0
"2012-02-14	17:00:00"	12.065	219.56	67.859	21.441	335.19	26.214	0
"2012-02-14	18:00:00"	9.986	231.7	67.521	21.047	170.52	26.226	0
"2012-02-14	19:00:00"	6.1391	238.17	63.207	24.748	7.216	26.243	0
"2012-02-14	20:00:00"	5.6377	276.06	61.156	27.851	0.09793	26.261	0
"2012-02-14	21:00:00"	6.4747	303.48	56.952	33.491	0.13524	26.273	0
"2012-02-14	22:00:00"	3.2659	275.39	53.167	39.085	0.14711	26.291	0
"2012-02-14	23:00:00"	2.7676	174.42	53.411	39.386	0.13016	26.291	0

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"2012-02-15	00:00:00"	3.4405	209.19	54.277	36.898	0.12634	26.299	0
"2012-02-15	01:00:00"	3.461	296.65	47.676	47.95	0.16556	26.302	0
"2012-02-15	02:00:00"	5.5569	290.4	47.059	47.05	0.1204	26.308	0
"2012-02-15	03:00:00"	6.3989	275.48	48.208	43.935	0.13164	26.32	0
"2012-02-15	04:00:00"	5.2754	280.13	44.888	49.448	0.15962	26.341	0
"2012-02-15	05:00:00"	7.2918	274.98	43.958	49.301	0.15178	26.356	0
"2012-02-15	06:00:00"	5.5327	247.11	41.454	51.444	0.17721	26.367	0
"2012-02-15	07:00:00"	6.6449	229.03	41.004	50.206	0.17679	26.376	0
"2012-02-15	08:00:00"	11.318	217.97	40.965	51.006	12.564	26.397	0
"2012-02-15	09:00:00"	12.532	217.02	42.382	49.741	161.33	26.418	0
"2012-02-15	10:00:00"	13.988	226.81	47.606	36.574	382.49	26.438	0
"2012-02-15	11:00:00"	13.274	261.06	51.593	28.376	583.7	26.447	0
"2012-02-15	12:00:00"	14.235	281.53	53.314	24.431	731.77	26.438	0
"2012-02-15	13:00:00"	13.753	273.19	55.703	21.529	812.94	26.426	0
"2012-02-15	14:00:00"	13.7	280.5	57.804	19.301	817.45	26.403	0
"2012-02-15	15:00:00"	13.661	298.89	59.445	18.773	748.04	26.403	0
"2012-02-15	16:00:00"	11.379	293.37	59.944	18.231	611.21	26.409	0
"2012-02-15	17:00:00"	8.4339	293.75	60.611	16.073	421.52	26.412	0
"2012-02-15	18:00:00"	7.1551	289.42	59.791	15.329	204.87	26.423	0
"2012-02-15	19:00:00"	2.5451	309.44	55.625	18.219	26.931	26.447	0
"2012-02-15	20:00:00"	2.7148	201.59	49.992	23.822	0.15962	26.462	0
"2012-02-15	21:00:00"	3.0578	13.133	45.485	30.569	0.1628	26.474	0
"2012-02-15	22:00:00"	3.1236	93.036	44.659	29.985	0.12952	26.488	0
"2012-02-15	23:00:00"	3.9308	100.83	43.117	32.724	0.1734	26.5	0
"2012-02-16	00:00:00"	5.8626	5.7839	41.46	44.743	0.16344	26.509	0
"2012-02-16	01:00:00"	6.0118	15.726	39.546	64.665	0.18845	26.518	0
"2012-02-16	02:00:00"	7.5441	19.975	38.785	70.63	0.1575	26.527	0
"2012-02-16	03:00:00"	8.8868	17.292	36.95	75.686	0.13821	26.521	0
"2012-02-16	04:00:00"	8.1754	8.5331	34.537	81.954	0.16768	26.527	0
"2012-02-16	05:00:00"	7.3949	10.337	33.67	84.768	0.18824	26.55	0
"2012-02-16	06:00:00"	5.1089	351.24	32.342	87.179	0.15093	26.568	0
"2012-02-16	07:00:00"	6.0727	350.6	31.607	89.072	0.13503	26.583	0
"2012-02-16	08:00:00"	8.3978	5.0174	30.73	90.665	9.4117	26.589	0
"2012-02-16	09:00:00"	11.503	29.806	32.964	88.584	74.328	26.598	0
"2012-02-16	10:00:00"	13.92	47.021	36.196	83.993	210.27	26.607	0
"2012-02-16	11:00:00"	10.44	40.183	38.609	77.742	232.29	26.621	0
"2012-02-16	12:00:00"	7.8224	35.846	40.574	73.213	319.67	26.607	0
"2012-02-16	13:00:00"	8.9577	53.319	43.09	66.073	380.56	26.586	0
"2012-02-16	14:00:00"	10.437	65.891	44.898	61.582	385.87	26.547	0
"2012-02-16	15:00:00"	10.828	64.808	45.808	59.936	219.71	26.521	0
"2012-02-16	16:00:00"	11.134	75.607	45.799	60.128	187.65	26.515	0
"2012-02-16	17:00:00"	11.679	77.249	46.227	59.435	232.44	26.497	0
"2012-02-16	18:00:00"	11.154	70.568	45.823	63.129	128.1	26.503	0
"2012-02-16	19:00:00"	7.7963	56.604	44.271	68.741	7.3769	26.506	0
"2012-02-16	20:00:00"	4.6354	33.972	42.637	75.312	0.13122	26.518	0
"2012-02-16	21:00:00"	5.2307	49.926	42.23	79.71	0.14478	26.521	0
"2012-02-16	22:00:00"	7.1576	53.182	42.224	83.068	0.1274	26.524	0

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"2012-02-16	23:00:00"	6.1889	40.651	41.436	85.082	0.12782	26.524	0
"2012-02-17	00:00:00"	5.4985	43.22	39.795	88.8	0.14372	26.515	0
"2012-02-17	01:00:00"	6.1727	26.37	39.182	89.644	0.14075	26.503	0
"2012-02-17	02:00:00"	6.4343	22.855	39.093	87.956	0.18909	26.497	0
"2012-02-17	03:00:00"	7.0631	28.164	38.791	87.617	0.18357	26.474	0
"2012-02-17	04:00:00"	7.0818	46.488	38.455	88.623	0.17107	26.462	0.01
"2012-02-17	05:00:00"	6.8475	56.868	38.042	91.517	0.07907	26.465	0.08
"2012-02-17	06:00:00"	6.3156	41.313	38.161	92.194	0.07271	26.456	0
"2012-02-17	07:00:00"	4.0762	18.636	39.206	92.258	0.07758	26.471	0
"2012-02-17	08:00:00"	3.8388	30.772	38.579	92.571	2.0746	26.485	0
"2012-02-17	09:00:00"	4.4689	0.94307	39.096	92.537	25.077	26.503	0
"2012-02-17	10:00:00"	4.7634	1.8213	40.074	91.548	85.642	26.503	0
"2012-02-17	11:00:00"	4.4223	28.375	41.16	90.297	88.226	26.503	0
"2012-02-17	12:00:00"	4.7901	72.582	42.74	88.113	281.67	26.488	0
"2012-02-17	13:00:00"	3.6412	158.68	45.39	84.103	197.2	26.477	0
"2012-02-17	14:00:00"	3.1504	204.94	46.122	83.749	140.07	26.444	0
"2012-02-17	15:00:00"	2.9969	251.18	47.268	80.553	219.69	26.423	0
"2012-02-17	16:00:00"	1.9822	292.79	48.449	76.653	166.04	26.415	0
"2012-02-17	17:00:00"	2.8912	16.639	48.067	78.384	62.096	26.418	0
"2012-02-17	18:00:00"	2.3345	351.08	47.612	80.066	29.314	26.415	0
"2012-02-17	19:00:00"	2.862	37.517	47.554	78.888	5.8411	26.406	0
"2012-02-17	20:00:00"	5.9645	6.3957	46.133	85.423	0.14266	26.415	0
"2012-02-17	21:00:00"	6.9333	349.02	42.999	89.436	0.08161	26.42	0
"2012-02-17	22:00:00"	5.9645	323.21	40.683	92.611	0.08606	26.429	0
"2012-02-17	23:00:00"	2.1928	316.85	41.266	92.213	0.10514	26.426	0
"2012-02-18	00:00:00"	2.6433	346.41	40.518	92.462	0.09242	26.409	0
"2012-02-18	01:00:00"	2.4874	131.17	41.149	92.685	0.09264	26.406	0
"2012-02-18	02:00:00"	3.274	317.28	41.155	93.851	0.08522	26.397	0
"2012-02-18	03:00:00"	4.2918	127.24	41.358	94.271	0.08416	26.4	0
"2012-02-18	04:00:00"	3.3641	118.92	41.35	94.413	0.07504	26.373	0
"2012-02-18	05:00:00"	4.9032	318.55	41.45	94.522	0.08818	26.4	0
"2012-02-18	06:00:00"	3.0882	338.92	41.72	94.598	0.07674	26.388	0
"2012-02-18	07:00:00"	3.5381	327.04	41.552	94.6	0.06995	26.406	0
"2012-02-18	08:00:00"	4.5988	314.99	41.391	94.679	1.5286	26.426	0
"2012-02-18	09:00:00"	5.3898	304.95	41.552	94.691	31.037	26.435	0
"2012-02-18	10:00:00"	8.7731	307.69	42.536	94.494	155.89	26.441	0
"2012-02-18	11:00:00"	11.392	312.97	45.515	86.205	339.98	26.459	0
"2012-02-18	12:00:00"	17.047	335.25	47.224	75.801	223.15	26.474	0
"2012-02-18	13:00:00"	14.539	356.12	46.857	75.247	566.74	26.459	0
"2012-02-18	14:00:00"	12.655	6.2495	49.673	65.605	679.81	26.447	0
"2012-02-18	15:00:00"	12.081	349.67	50.658	60.247	549.97	26.444	0
"2012-02-18	16:00:00"	10.784	332.77	51.616	55.518	541.19	26.438	0
"2012-02-18	17:00:00"	10.176	341.76	51.718	54.32	376.2	26.444	0
"2012-02-18	18:00:00"	7.8026	359.13	51.385	54.168	210.4	26.45	0
"2012-02-18	19:00:00"	7.9753	16.53	47.904	67.11	29.951	26.468	0
"2012-02-18	20:00:00"	6.1447	352.56	42.616	80.794	0.18124	26.483	0
"2012-02-18	21:00:00"	5.8421	356.14	41.057	84.339	0.15644	26.488	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-18	22:00:00"	4.8436	353.57	40.688	85.146	0.1664	26.491	0
"2012-02-18	23:00:00"	3.3616	336.08	38.765	87.569	0.11108	26.488	0
"2012-02-19	00:00:00"	3.1236	252.84	36.357	90.542	0.10069	26.485	0
"2012-02-19	01:00:00"	3.2057	281.18	36.194	91.818	0.11129	26.485	0
"2012-02-19	02:00:00"	4.3937	180.4	37.692	93.678	0.09306	26.483	0
"2012-02-19	03:00:00"	6.6381	160.47	39.151	94.321	0.07398	26.474	0
"2012-02-19	04:00:00"	7.4533	178.98	38.941	94.558	0.09264	26.459	0
"2012-02-19	05:00:00"	8.9117	180.41	38.354	94.753	0.08288	26.447	0
"2012-02-19	06:00:00"	6.0366	174.09	37.949	94.842	0.09306	26.45	0
"2012-02-19	07:00:00"	8.6986	170.33	37.471	94.981	0.0956	26.459	0
"2012-02-19	08:00:00"	8.1207	166.98	37.269	95.043	4.8374	26.444	0
"2012-02-19	09:00:00"	6.8289	160.7	37.951	95.061	56.552	26.456	0
"2012-02-19	10:00:00"	10.995	169.06	39.321	94.966	165.29	26.474	0
"2012-02-19	11:00:00"	11.467	160.97	41.862	90.365	514.06	26.435	0
"2012-02-19	12:00:00"	10.842	156.12	48.046	70.153	712.04	26.409	0
"2012-02-19	13:00:00"	12.962	163.05	54.892	48.223	803.74	26.37	0
"2012-02-19	14:00:00"	14.726	176.04	58.901	31.146	815.08	26.32	0
"2012-02-19	15:00:00"	16.13	175.43	60.569	27.523	749	26.288	0
"2012-02-19	16:00:00"	18.53	181.46	61.766	26.309	618.22	26.267	0
"2012-02-19	17:00:00"	19.249	170.43	61.893	30.037	427.37	26.237	0
"2012-02-19	18:00:00"	18.501	161.28	61.273	37.028	205.33	26.237	0
"2012-02-19	19:00:00"	15.047	142.37	58.497	40.871	28.988	26.232	0
"2012-02-19	20:00:00"	15.765	141.52	55.354	44.874	0.09709	26.243	0
"2012-02-19	21:00:00"	17.143	149.29	53.241	53.311	0.13164	26.24	0
"2012-02-19	22:00:00"	16.361	173.89	51.182	63.041	0.1026	26.273	0
"2012-02-19	23:00:00"	10.394	178.91	48.74	71.434	0.1221	26.276	0
"2012-02-20	00:00:00"	8.0132	178.13	47.316	77.137	0.14309	26.279	0
"2012-02-20	01:00:00"	9.182	199.16	46.119	79.562	0.17319	26.291	0
"2012-02-20	02:00:00"	7.9219	196.08	44.348	83.153	0.12719	26.294	0
"2012-02-20	03:00:00"	7.4888	196.19	42.958	85.959	0.12252	26.288	0
"2012-02-20	04:00:00"	5.5333	201.94	41.174	89.045	0.09624	26.282	0
"2012-02-20	05:00:00"	6.9593	203.95	39.686	91.366	0.07398	26.294	0
"2012-02-20	06:00:00"	7.5459	220.21	39.084	92.181	0.07546	26.302	0
"2012-02-20	07:00:00"	7.4422	221.07	38.354	89.128	0.08543	26.314	0
"2012-02-20	08:00:00"	5.7328	228.28	38.028	77.477	16.636	26.341	0
"2012-02-20	09:00:00"	4.3776	232.07	42.225	66.187	172.71	26.367	0
"2012-02-20	10:00:00"	10.105	240.8	51.049	44.433	389.57	26.388	0
"2012-02-20	11:00:00"	15.955	269.38	56.103	29.164	603.97	26.4	0
"2012-02-20	12:00:00"	18.395	279.75	58.176	25.075	753	26.412	0
"2012-02-20	13:00:00"	18.497	282.76	60.077	21.657	830.86	26.412	0
"2012-02-20	14:00:00"	19.802	299.52	61.583	20.925	833.59	26.409	0
"2012-02-20	15:00:00"	18.875	314.46	60.825	21.475	763.43	26.409	0
"2012-02-20	16:00:00"	17.505	320.13	60.071	16.685	629.28	26.42	0
"2012-02-20	17:00:00"	15.408	319.63	59.554	12.713	439.25	26.429	0
"2012-02-20	18:00:00"	13.911	329.31	57.611	10.945	218.75	26.45	0
"2012-02-20	19:00:00"	7.2738	327.72	53.182	11.722	33.369	26.468	0
"2012-02-20	20:00:00"	4.8448	321.49	45.39	16.651	0.15326	26.488	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-20	21:00:00"	6.7096	326.25	41.993	19.759	0.14733	26.5	0
"2012-02-20	22:00:00"	3.732	299.52	40.028	21.863	0.17531	26.515	0
"2012-02-20	23:00:00"	4.1427	280.81	39.209	22.423	0.17064	26.533	0
"2012-02-21	00:00:00"	5.6563	279.3	35.739	30.365	0.21728	26.518	0
"2012-02-21	01:00:00"	4.7852	294.7	34.994	28.156	0.1681	26.521	0
"2012-02-21	02:00:00"	5.8235	284.65	39.06	21.909	0.15856	26.515	0
"2012-02-21	03:00:00"	5.3562	294.99	34.704	27.857	0.14796	26.5	0
"2012-02-21	04:00:00"	8.2798	249.9	35.55	27.801	0.18336	26.512	0
"2012-02-21	05:00:00"	7.4608	263.47	36.646	27.057	0.16174	26.503	0
"2012-02-21	06:00:00"	5.8949	287.55	33.791	30.799	0.15814	26.506	0
"2012-02-21	07:00:00"	6.9202	274.94	36.563	27.488	0.14839	26.512	0
"2012-02-21	08:00:00"	6.9438	240.85	42.003	20.056	18.74	26.527	0
"2012-02-21	09:00:00"	4.5721	220.39	43.314	21.233	175.28	26.539	0
"2012-02-21	10:00:00"	7.9442	195.08	48.16	27.933	403.13	26.545	0
"2012-02-21	11:00:00"	11.709	199.89	53.681	29.65	608.32	26.533	0
"2012-02-21	12:00:00"	12.087	206.94	59.071	23.652	759.11	26.518	0
"2012-02-21	13:00:00"	13.215	214.87	63.765	17.701	842.6	26.48	0
"2012-02-21	14:00:00"	13.215	213.81	67.123	14.316	849.07	26.426	0
"2012-02-21	15:00:00"	14.07	227.24	70.051	11.433	782.02	26.415	0
"2012-02-21	16:00:00"	12.348	231.16	70.938	10.802	622.98	26.403	0
"2012-02-21	17:00:00"	9.9283	230.91	70.671	10.11	400.45	26.391	0
"2012-02-21	18:00:00"	9.1006	258.37	70.54	9.6717	221.59	26.385	0
"2012-02-21	19:00:00"	2.9994	228.98	65.451	11.733	37.082	26.385	0
"2012-02-21	20:00:00"	4.7355	236.85	60.207	13.516	0.11701	26.388	0
"2012-02-21	21:00:00"	1.7181	254.91	53.02	17.623	0.12867	26.391	0
"2012-02-21	22:00:00"	3.7034	257.25	51.651	18.852	0.15559	26.406	0
"2012-02-21	23:00:00"	4.8771	279.25	49.727	21.27	0.16344	26.403	0
"2012-02-22	00:00:00"	5.3575	293.16	47.26	23.8	0.1611	26.403	0
"2012-02-22	01:00:00"	5.9462	298.4	44.695	27.694	0.13719	26.397	0
"2012-02-22	02:00:00"	6.9072	297.87	45.468	27.485	0.15729	26.391	0
"2012-02-22	03:00:00"	7.4509	293.5	44.269	29.442	0.12486	26.388	0
"2012-02-22	04:00:00"	7.7957	288.07	42.171	31.995	0.1592	26.37	0
"2012-02-22	05:00:00"	6.7152	288.29	43.099	32.377	0.1592	26.367	0
"2012-02-22	06:00:00"	5.7756	255.11	42.996	32.514	0.15008	26.373	0
"2012-02-22	07:00:00"	6.9929	291.9	42.383	34.373	0.14012	26.373	0
"2012-02-22	08:00:00"	8.6861	294.41	41.942	35.101	23.666	26.367	0
"2012-02-22	09:00:00"	8.4295	286.87	46.139	31.695	186.1	26.397	0
"2012-02-22	10:00:00"	8.7023	273.29	57.193	20.632	415.26	26.385	0
"2012-02-22	11:00:00"	13.921	273.78	65.818	13.924	619.65	26.373	0
"2012-02-22	12:00:00"	14.73	268.36	69.412	11.534	770.39	26.356	0
"2012-02-22	13:00:00"	17.129	281.58	72.259	11.618	848.96	26.332	0
"2012-02-22	14:00:00"	16.167	283.39	74.538	10.773	853.79	26.291	0.1
"2012-02-22	15:00:00"	10.979	271.85	77.591	16.191	566.67	26.246	0.01
"2012-02-22	16:00:00"	16.231	259.03	76.197	9.6808	363.48	26.223	0
"2012-02-22	17:00:00"	17.998	262.08	75.803	9.6081	300.61	26.208	0
"2012-02-22	18:00:00"	17.635	260.07	75.159	9.2353	33.04	26.202	0
"2012-02-22	19:00:00"	13.568	260.85	72.276	10.062	33.699	26.199	0

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"2012-02-22	20:00:00"	11.556	260.76	66.799	12.814	0.06423	26.187	0
"2012-02-22	21:00:00"	9.8375	256.36	63.452	14.334	0.07525	26.178	0
"2012-02-22	22:00:00"	6.1143	223.62	57.557	17.313	0.0725	26.172	0
"2012-02-22	23:00:00"	6.297	236.71	56.275	17.842	0.08119	26.175	0
"2012-02-23	00:00:00"	7.8684	256.28	53.899	19.589	0.06762	26.161	0
"2012-02-23	01:00:00"	4.5845	248.12	51.214	23.166	0.07144	26.155	0
"2012-02-23	02:00:00"	5.363	251.67	52.023	22.608	0.06932	26.143	0
"2012-02-23	03:00:00"	12.806	256.17	57.046	18.542	0.08225	26.131	0
"2012-02-23	04:00:00"	13.748	259.11	58.737	17.304	0.08903	26.119	0
"2012-02-23	05:00:00"	15.596	258.98	59.398	16.032	0.08055	26.128	0
"2012-02-23	06:00:00"	16.875	262.97	57.584	17.062	0.07843	26.116	0
"2012-02-23	07:00:00"	11.814	254.35	57.556	16.796	0.08755	26.093	0
"2012-02-23	08:00:00"	18.122	261.8	59.155	15.162	20.98	26.099	0
"2012-02-23	09:00:00"	17.4	258.57	60.313	14.477	207.7	26.116	0
"2012-02-23	10:00:00"	18.437	257.65	64.528	12.68	436.1	26.122	0
"2012-02-23	11:00:00"	22.743	272.36	69.605	10.571	580.2	26.134	0
"2012-02-23	12:00:00"	21.943	275.47	73.407	9.5039	763.14	26.131	0
"2012-02-23	13:00:00"	24.627	287.32	76.103	8.3625	847.6	26.105	0
"2012-02-23	14:00:00"	23.871	289.41	78.278	7.3369	861.98	26.072	0
"2012-02-23	15:00:00"	19.519	277.94	80.199	6.4467	785.74	26.054	0
"2012-02-23	16:00:00"	17.552	285.24	80.453	7.1031	642.98	26.072	0
"2012-02-23	17:00:00"	13.169	268.1	80.007	7.6644	442.21	26.078	0
"2012-02-23	18:00:00"	12.883	316	77.308	10.107	218.56	26.119	0
"2012-02-23	19:00:00"	18.363	49.174	61.608	27.548	31.544	26.178	0
"2012-02-23	20:00:00"	16.978	48.466	56.528	31.722	0.12592	26.24	0
"2012-02-23	21:00:00"	19.538	42.21	52.151	32.603	0.12252	26.299	0
"2012-02-23	22:00:00"	22.275	36.2	47.341	29.179	0.14054	26.373	0
"2012-02-23	23:00:00"	22.562	29.367	43.615	24.674	0.17128	26.426	0
"2012-02-24	00:00:00"	21.222	20.294	41.124	29.387	0.18103	26.477	0
"2012-02-24	01:00:00"	17.48	7.0488	39.154	34.519	0.18941	26.518	0
"2012-02-24	02:00:00"	15.216	358.53	37.588	39.755	0.2177	26.547	0
"2012-02-24	03:00:00"	12.772	347.39	35.965	44.215	0.16725	26.55	0
"2012-02-24	04:00:00"	10.8	332.75	33.424	49.687	0.17552	26.553	0
"2012-02-24	05:00:00"	10.839	324.32	32.665	51.286	0.21134	26.577	0
"2012-02-24	06:00:00"	7.5217	306.19	29.161	59.113	0.15029	26.598	0
"2012-02-24	07:00:00"	7.6143	312.16	27.835	63.819	0.14097	26.627	0
"2012-02-24	08:00:00"	8.4382	321.02	26.682	67.12	21.765	26.651	0
"2012-02-24	09:00:00"	9.6536	345.62	32.912	56.328	198.41	26.683	0
"2012-02-24	10:00:00"	10.533	16.748	39.076	41.17	430.21	26.695	0
"2012-02-24	11:00:00"	7.3775	45.244	42.107	33.949	637.14	26.707	0
"2012-02-24	12:00:00"	4.1731	99.529	44.763	27.643	788.25	26.698	0
"2012-02-24	13:00:00"	4.8883	71.214	46.963	22.08	868.96	26.68	0
"2012-02-24	14:00:00"	5.3003	109.34	48.956	19.92	874.29	26.657	0
"2012-02-24	15:00:00"	3.5692	130.17	50.804	18.284	803.11	26.648	0
"2012-02-24	16:00:00"	4.1352	112.76	52.063	17.006	661.73	26.642	0
"2012-02-24	17:00:00"	5.3829	138.35	52.456	16.995	465.85	26.639	0
"2012-02-24	18:00:00"	6.0845	156.16	52.162	17.543	239.38	26.645	0

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"2012-02-24	19:00:00"	6.1833	164.5	50.357	18.61	42.094	26.66	0
"2012-02-24	20:00:00"	3.6972	202.53	45.848	22.232	0.17997	26.674	0
"2012-02-24	21:00:00"	5.0362	143.93	45.205	23.233	0.12486	26.686	0
"2012-02-24	22:00:00"	7.2775	151.43	44.079	25.314	0.17446	26.692	0
"2012-02-24	23:00:00"	7.5391	159.85	42.144	27.964	0.13863	26.695	0
"2012-02-25	00:00:00"	5.9378	167	41.543	29.541	0.18972	26.701	0
"2012-02-25	01:00:00"	5.5725	174.38	39.708	32.164	0.17086	26.698	0
"2012-02-25	02:00:00"	5.0219	202.82	37.184	36.773	0.20435	26.698	0
"2012-02-25	03:00:00"	5.5992	225.27	35.557	39.674	0.19587	26.689	0
"2012-02-25	04:00:00"	5.4339	229.58	34.156	42.495	0.21092	26.672	0
"2012-02-25	05:00:00"	4.8517	222.13	33.991	44.247	0.17128	26.663	0
"2012-02-25	06:00:00"	5.3307	227.67	33.038	46.211	0.1486	26.663	0
"2012-02-25	07:00:00"	7.2589	222.07	33.357	46.319	0.23169	26.654	0
"2012-02-25	08:00:00"	9.0994	211.64	34.53	44.393	29.521	26.657	0
"2012-02-25	09:00:00"	9.9295	193.06	36.529	42.898	205.04	26.666	0
"2012-02-25	10:00:00"	19.454	189.29	43.827	31.422	437.24	26.654	0
"2012-02-25	11:00:00"	21.624	184.49	47.49	27.432	641.66	26.636	0
"2012-02-25	12:00:00"	20.037	186.2	50.5	25.539	789.42	26.612	0
"2012-02-25	13:00:00"	20.723	186.17	53.017	24.401	868.58	26.574	0
"2012-02-25	14:00:00"	20.385	186.32	56.058	22.345	870.63	26.521	0
"2012-02-25	15:00:00"	20.802	191.72	58.604	21.597	796.96	26.491	0
"2012-02-25	16:00:00"	20.255	194.52	60.226	20.509	656.27	26.462	0
"2012-02-25	17:00:00"	20.196	189.4	61.388	19.426	461.08	26.435	0
"2012-02-25	18:00:00"	18.991	191	62.021	18.818	236.5	26.418	0
"2012-02-25	19:00:00"	12.693	178.23	60.3	20.265	42.416	26.409	0
"2012-02-25	20:00:00"	13.858	163.68	55.354	26.212	0.16556	26.415	0
"2012-02-25	21:00:00"	14.725	166.57	51.493	33.348	0.14584	26.415	0
"2012-02-25	22:00:00"	14.178	179.65	48.86	37.826	0.19523	26.426	0
"2012-02-25	23:00:00"	12.582	186.32	46.625	41.114	0.14097	26.42	0
"2012-02-26	00:00:00"	11.24	189.8	44.273	43.482	0.16513	26.418	0
"2012-02-26	01:00:00"	8.4053	196.67	41.955	43.591	0.2141	26.406	0
"2012-02-26	02:00:00"	10.437	196.2	40.666	45.286	0.16725	26.4	0
"2012-02-26	03:00:00"	10.159	200.69	39.283	49.406	0.18336	26.385	0
"2012-02-26	04:00:00"	9.7139	209.3	38.35	54.059	0.18251	26.367	0
"2012-02-26	05:00:00"	7.6342	229.15	37.15	58.484	0.13418	26.364	0
"2012-02-26	06:00:00"	7.7286	244.23	36.434	62.585	0.17573	26.37	0
"2012-02-26	07:00:00"	8.7992	238.99	36.408	65.471	0.18251	26.376	0
"2012-02-26	08:00:00"	8.0486	238.01	35.167	68.888	29.54	26.388	0
"2012-02-26	09:00:00"	7.8914	224.58	37.753	66.88	201.34	26.4	0
"2012-02-26	10:00:00"	7.7056	223.08	44.798	54.598	427.29	26.409	0
"2012-02-26	11:00:00"	7.9629	222.91	53.854	40.556	630.34	26.406	0
"2012-02-26	12:00:00"	8.3543	215.33	62.262	30.203	779.1	26.403	0
"2012-02-26	13:00:00"	10.312	209.12	67.192	24.561	858.03	26.382	0
"2012-02-26	14:00:00"	9.2677	215.61	70.778	20.884	864.4	26.35	0
"2012-02-26	15:00:00"	9.6636	219.56	73.545	17.471	794.71	26.323	0
"2012-02-26	16:00:00"	10.794	211.82	74.842	16.509	652.1	26.308	0
"2012-02-26	17:00:00"	10.73	225.5	76.005	14.339	458.58	26.308	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-02-26	18:00:00"	11.295	198.24	74.426	16.519	231.35	26.314	0
"2012-02-26	19:00:00"	8.4382	170.73	70.235	19.339	40.724	26.332	0
"2012-02-26	20:00:00"	7.8995	157.76	64.79	23.641	0.12125	26.344	0
"2012-02-26	21:00:00"	11.365	155.93	61.068	32.472	0.11595	26.364	0
"2012-02-26	22:00:00"	9.6039	170.09	57.517	42.382	0.1238	26.394	0
"2012-02-26	23:00:00"	6.0882	155.53	54.139	48.972	0.14033	26.406	0
"2012-02-27	00:00:00"	5.0834	173.23	52.036	53.741	0.14775	26.415	0
"2012-02-27	01:00:00"	6.1106	192.57	51.218	57.106	0.13694	26.432	0
"2012-02-27	02:00:00"	3.6717	228.41	50.462	61.317	0.13757	26.432	0
"2012-02-27	03:00:00"	5.6824	190.5	49.736	66.364	0.13609	26.435	0
"2012-02-27	04:00:00"	5.9415	201.05	48.648	72.608	0.13779	26.468	0
"2012-02-27	05:00:00"	8.7247	359.55	44.642	75.951	0.11871	26.483	0
"2012-02-27	06:00:00"	6.3032	351.61	41.127	80.368	0.12422	26.497	0
"2012-02-27	07:00:00"	5.5445	347.74	39.554	84.566	0.14224	26.521	0
"2012-02-27	08:00:00"	7.467	351.99	40.636	86.935	18.668	26.55	0
"2012-02-27	09:00:00"	9.502	6.6623	44.615	83.213	73.817	26.58	0
"2012-02-27	10:00:00"	9.9078	16.475	46.241	78.791	107.58	26.604	0
"2012-02-27	11:00:00"	11.574	9.2106	46.927	79.147	101.09	26.607	0
"2012-02-27	12:00:00"	12.406	12.683	46.362	81.813	124.81	26.598	0
"2012-02-27	13:00:00"	11.853	23.168	46.078	86.636	154.24	26.568	0
"2012-02-27	14:00:00"	10.078	35.778	47.457	86.388	145.36	26.539	0
"2012-02-27	15:00:00"	9.9817	49.777	48.842	88.372	166.78	26.509	0
"2012-02-27	16:00:00"	9.3889	46.189	49.138	90.085	95.254	26.503	0
"2012-02-27	17:00:00"	8.2207	69.717	50.547	91.824	65.541	26.497	0
"2012-02-27	18:00:00"	8.5948	83.546	51.571	91.887	50.834	26.483	0
"2012-02-27	19:00:00"	8.2226	78.794	52.372	91.573	17.325	26.48	0
"2012-02-27	20:00:00"	9.6934	96.83	52.665	91.412	0.06487	26.471	0
"2012-02-27	21:00:00"	11.635	98.537	53.591	92.186	0.07334	26.465	0
"2012-02-27	22:00:00"	11.292	107.95	54.38	91.261	0.07864	26.459	0
"2012-02-27	23:00:00"	12.529	115.79	53.977	91.41	0.06805	26.444	0
"2012-02-28	00:00:00"	14.249	130.3	54.687	89.563	0.10005	26.412	0
"2012-02-28	01:00:00"	15.13	136.38	55.087	89.476	0.08479	26.391	0
"2012-02-28	02:00:00"	12.319	140.51	55.479	88.873	0.09285	26.373	0
"2012-02-28	03:00:00"	14.305	156.61	56.374	87	0.10005	26.356	0
"2012-02-28	04:00:00"	17.944	168.67	57.249	84.882	0.12358	26.332	0
"2012-02-28	05:00:00"	17.265	178.59	56.876	85.604	0.07271	26.338	0
"2012-02-28	06:00:00"	14.125	187.67	56.25	87.151	0.1009	26.344	0
"2012-02-28	07:00:00"	8.7818	200.6	54.993	88.938	0.09857	26.353	0
"2012-02-28	08:00:00"	4.8535	205.45	53.216	91.211	8.5744	26.35	0
"2012-02-28	09:00:00"	12.415	190.76	54.097	91.612	132.07	26.35	0
"2012-02-28	10:00:00"	18.865	190.75	58.603	82.023	404.26	26.35	0
"2012-02-28	11:00:00"	17.971	202.04	63.308	64.692	611.4	26.356	0
"2012-02-28	12:00:00"	16.709	221.86	66.907	46.668	766.25	26.35	0
"2012-02-28	13:00:00"	19.721	223.11	71.964	28.363	852.78	26.317	0
"2012-02-28	14:00:00"	22.154	228.11	75.473	19.369	843.4	26.305	0
"2012-02-28	15:00:00"	20.993	245.8	76.754	15.208	775.15	26.294	0
"2012-02-28	16:00:00"	20.305	242.42	77.522	12.301	635.4	26.302	0

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"2012-02-28	17:00:00"	19.878	246.9	76.606	11.014	438.03	26.317	0
"2012-02-28	18:00:00"	19.52	249.81	74.712	9.5747	213.33	26.329	0
"2012-02-28	19:00:00"	13.883	260.23	71.618	8.4725	32.995	26.353	0
"2012-02-28	20:00:00"	9.4728	273.16	67.344	8.3572	0.11659	26.379	0
"2012-02-28	21:00:00"	11.083	299.2	61.609	13.567	0.12994	26.4	0
"2012-02-28	22:00:00"	10.652	318	57.262	17.46	0.14817	26.426	0
"2012-02-28	23:00:00"	9.3156	330.15	51.449	21.929	0.15326	26.435	0
"2012-02-29	00:00:00"	12.584	339.97	49.262	22.945	0.1238	26.438	0
"2012-02-29	01:00:00"	15.468	345.26	48.072	20.99	0.16831	26.447	0
"2012-02-29	02:00:00"	11.623	337.76	46.672	19.95	0.20541	26.471	0
"2012-02-29	03:00:00"	6.4952	311.88	43.818	21.615	0.18485	26.468	0
"2012-02-29	04:00:00"	4.8019	248.07	42.636	23.575	0.18421	26.474	0
"2012-02-29	05:00:00"	4.5615	284.85	39.771	26.377	0.17128	26.48	0
"2012-02-29	06:00:00"	5.4575	280.06	36.131	31.467	0.17043	26.5	0
"2012-02-29	07:00:00"	5.1394	286.66	35.416	31.915	0.20922	26.506	0
"2012-02-29	08:00:00"	4.7293	282.81	34.894	32.644	32.219	26.521	0
"2012-02-29	09:00:00"	4.0097	312.57	41.174	29.964	208.23	26.53	0
"2012-02-29	10:00:00"	7.9846	330.17	50.79	20.678	460.93	26.536	0
"2012-02-29	11:00:00"	5.4836	259.49	56.424	16.026	663.22	26.527	0
"2012-02-29	12:00:00"	6.9799	209.09	59.911	14.953	789.39	26.512	0
"2012-02-29	13:00:00"	8.1337	217.56	64.649	12.19	894.49	26.483	0
"2012-02-29	14:00:00"	8.1953	228.37	68.12	10.356	746.89	26.45	0
"2012-02-29	15:00:00"	8.7265	239.33	70.123	8.7589	766.25	26.426	0
"2012-02-29	16:00:00"	9.5648	236.12	71.428	7.4167	525.15	26.412	0
"2012-02-29	17:00:00"	10.15	228.41	71.697	6.4047	369.83	26.391	0
"2012-02-29	18:00:00"	9.8568	223.4	70.841	7.0897	224.39	26.394	0
"2012-02-29	19:00:00"	7.7149	221.53	67.286	8.5319	32.582	26.397	0
"2012-02-29	20:00:00"	9.3982	220.63	62.976	10.444	0.18294	26.403	0
"2012-02-29	21:00:00"	8.5519	216.23	59.929	10.895	0.13991	26.403	0
"2012-02-29	22:00:00"	4.8628	225.95	54.939	13.023	0.13906	26.406	0
"2012-02-29	23:00:00"	3.3852	234.71	50.524	15.728	0.16301	26.418	0
"2012-03-01	00:00:00"	4.1744	234.77	51.603	14.946	0.16428	26.406	0
"2012-03-01	01:00:00"	6.1516	218.82	50.908	15.605	0.1787	26.391	0
"2012-03-01	02:00:00"	5.186	237.83	47.131	17.802	0.1787	26.385	0
"2012-03-01	03:00:00"	7.0886	223.4	48.462	16.744	0.14923	26.373	0
"2012-03-01	04:00:00"	4.7324	263.92	43.883	20.684	0.14881	26.361	0
"2012-03-01	05:00:00"	4.6858	253.58	44.269	20.937	0.14627	26.35	0
"2012-03-01	06:00:00"	4.157	272.91	44.563	21.001	0.18591	26.347	0
"2012-03-01	07:00:00"	4.6186	282.83	41.998	24.61	0.1486	26.344	0
"2012-03-01	08:00:00"	3.8376	273.75	41.115	25.855	30.484	26.353	0
"2012-03-01	09:00:00"	2.6943	251.43	46.549	23.291	210.01	26.347	0
"2012-03-01	10:00:00"	6.9631	222.09	54.499	17.439	450.62	26.356	0
"2012-03-01	11:00:00"	7.7671	227.6	63.384	13.029	662.28	26.338	0
"2012-03-01	12:00:00"	9.2646	229.36	68.796	9.6111	799.72	26.326	0
"2012-03-01	13:00:00"	10.248	229.36	72.001	7.8708	885.54	26.279	0
"2012-03-01	14:00:00"	12.498	238.97	75.701	5.4639	897.61	26.234	0
"2012-03-01	15:00:00"	12.706	252.42	77.458	4.2761	822.44	26.211	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-01	16:00:00"	13.034	253.04	77.66	4.1742	676.19	26.181	0
"2012-03-01	17:00:00"	16.245	233.14	77.22	4.8122	469.65	26.167	0
"2012-03-01	18:00:00"	19.188	224.86	74.66	6.2594	240.49	26.155	0
"2012-03-01	19:00:00"	16.282	227.11	70.31	7.2447	46.173	26.169	0
"2012-03-01	20:00:00"	10.568	227.35	65.795	8.4397	0.16789	26.172	0
"2012-03-01	21:00:00"	10.479	200.09	62.214	9.742	0.1062	26.167	0
"2012-03-01	22:00:00"	7.5062	236.49	58.256	11.667	0.1363	26.175	0
"2012-03-01	23:00:00"	14.899	273.25	61.148	12.08	0.14075	26.178	0
"2012-03-02	00:00:00"	17.317	277.45	61.942	12.368	0.10472	26.187	0
"2012-03-02	01:00:00"	13.962	281.01	60.301	12.697	0.14775	26.199	0
"2012-03-02	02:00:00"	13.27	277.3	59.226	11.966	0.12464	26.211	0
"2012-03-02	03:00:00"	11.416	278.98	57.762	11.372	0.14881	26.217	0
"2012-03-02	04:00:00"	12.314	318.64	51.296	19.538	0.12698	26.243	0
"2012-03-02	05:00:00"	13.332	331.23	45.449	30.696	0.13461	0	0
"2012-03-02	06:00:00"	15.252	344.83	43.414	32.827	0.12104	26.252	0
"2012-03-02	07:00:00"	12.439	340.3	40.979	35.688	0.16513	26.258	0
"2012-03-02	08:00:00"	10.668	341.64	38.95	38.135	40.398	26.261	0
"2012-03-02	09:00:00"	9.507	359.49	46.932	26.006	236.52	26.291	0
"2012-03-02	10:00:00"	9.863	34.673	49.701	21.939	386.96	26.299	0
"2012-03-02	11:00:00"	5.9453	78.847	53.867	17.008	667.78	26.299	0
"2012-03-02	12:00:00"	4.6081	139.67	57.454	13.927	826.61	26.285	0
"2012-03-02	13:00:00"	8.1878	194.49	59.811	13.417	903.89	26.252	0
"2012-03-02	14:00:00"	9.1155	206.98	62.571	12.501	904.88	26.223	0
"2012-03-02	15:00:00"	12.556	233.5	66.745	11.122	826.12	26.19	0
"2012-03-02	16:00:00"	12.757	236.23	69.039	10.123	677.53	26.181	0
"2012-03-02	17:00:00"	15.625	256.12	70.24	9.0483	463.69	26.169	0
"2012-03-02	18:00:00"	18.864	307.43	68.353	10.32	239.88	26.205	0
"2012-03-02	19:00:00"	26.921	352.46	57.287	20.052	40.369	26.276	0
"2012-03-02	20:00:00"	21.257	346.45	52.722	13.314	0.17531	26.344	0
"2012-03-02	21:00:00"	19.571	346.56	49.803	13.573	0.13736	26.391	0
"2012-03-02	22:00:00"	16.981	346.93	47.204	18.077	0.14097	26.423	0
"2012-03-02	23:00:00"	14.825	343.78	43.982	24.834	0.13122	26.444	0
"2012-03-03	00:00:00"	11.234	341.91	39.671	34.26	0.15771	26.465	0
"2012-03-03	01:00:00"	14.042	343.2	37.615	58.453	0.1664	26.483	0
"2012-03-03	02:00:00"	11.26	334.78	35.472	71.054	0.15029	26.497	0
"2012-03-03	03:00:00"	7.9896	309.26	31.898	77.228	0.19439	26.515	0
"2012-03-03	04:00:00"	9.7456	320.3	31.211	81.61	0.16768	26.509	0
"2012-03-03	05:00:00"	12.275	327.18	30.828	81.344	0.16153	26.521	0
"2012-03-03	06:00:00"	10.738	325.66	29.103	83.302	0.17743	26.539	0
"2012-03-03	07:00:00"	9.694	321.91	27.933	84.198	0.14499	26.559	0
"2012-03-03	08:00:00"	9.0385	320.69	27.542	83.996	42.254	26.586	0
"2012-03-03	09:00:00"	10.187	318.57	32.132	74.436	234.51	26.609	0
"2012-03-03	10:00:00"	11.067	324.59	39.146	56.733	474.08	26.618	0
"2012-03-03	11:00:00"	8.7284	312.89	44.373	36.087	680.87	26.612	0
"2012-03-03	12:00:00"	7.0159	283.03	47.371	27.758	828.02	26.598	0
"2012-03-03	13:00:00"	11.043	298.85	49.722	22.191	907.17	26.577	0
"2012-03-03	14:00:00"	13.75	305.41	51.662	18.227	910.23	26.559	0

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"2012-03-03	15:00:00"	14.329	303.69	53.297	13.44	837.14	26.545	0
"2012-03-03	16:00:00"	16.908	306.76	56.051	10.482	695.27	26.527	0
"2012-03-03	17:00:00"	15.264	304.1	57.985	9.5831	490.42	26.521	0
"2012-03-03	18:00:00"	13.519	313.67	58.617	9.0919	258.6	26.53	0
"2012-03-03	19:00:00"	8.5944	311.21	56.174	9.9967	53.769	26.542	0
"2012-03-03	20:00:00"	3.4809	291.33	49.435	12.453	0.30355	26.556	0
"2012-03-03	21:00:00"	4.4347	269.77	47.232	14.277	0.13673	26.577	0
"2012-03-03	22:00:00"	4.6019	277.1	43.569	15.727	0.14627	26.595	0
"2012-03-03	23:00:00"	6.2448	250.79	44.434	13.844	0.19311	26.589	0
"2012-03-04	00:00:00"	4.3254	277.01	41.444	15.956	0.13863	26.58	0
"2012-03-04	01:00:00"	5.3234	249.48	41.045	16.576	0.19089	26.574	0
"2012-03-04	02:00:00"	5.4339	232.71	42.396	14.879	0.13588	26.559	0
"2012-03-04	03:00:00"	5.5569	238.15	39.437	16.752	0.16534	26.545	0
"2012-03-04	04:00:00"	5.7626	277.89	35.36	21.647	0.16344	26.53	0
"2012-03-04	05:00:00"	4.6491	282.37	31.512	28.635	0.20138	26.524	0
"2012-03-04	06:00:00"	6.6723	293.43	34.387	26.04	0.19502	26.53	0
"2012-03-04	07:00:00"	6.8053	271.93	35.029	24.484	0.20583	26.547	0
"2012-03-04	08:00:00"	3.9631	285.64	33.526	26.581	48.419	26.562	0
"2012-03-04	09:00:00"	3.3262	240.52	39.973	23.018	242.88	26.577	0
"2012-03-04	10:00:00"	6.5691	286.7	50.779	16.137	483.25	26.583	0
"2012-03-04	11:00:00"	6.886	281.91	60.779	11.569	690.68	26.574	0
"2012-03-04	12:00:00"	7.2688	275.29	66.235	9.7314	841.34	26.571	0
"2012-03-04	13:00:00"	8.0561	279.13	69.002	9.1469	921.41	26.545	0
"2012-03-04	14:00:00"	10.177	290.7	71.151	8.4872	920.39	26.518	0
"2012-03-04	15:00:00"	9.7319	298.53	72.35	8.2792	845.27	26.503	0
"2012-03-04	16:00:00"	7.7168	284.89	72.832	8.1447	698.58	26.5	0
"2012-03-04	17:00:00"	6.5791	286.36	73.13	8.0397	494.89	26.5	0
"2012-03-04	18:00:00"	6.7574	314.24	71.893	9.2814	257.99	26.506	0
"2012-03-04	19:00:00"	6.3504	16.983	66.171	12.784	54.499	26.521	0
"2012-03-04	20:00:00"	3.3914	32.286	55.708	18.214	0.21495	26.542	0
"2012-03-04	21:00:00"	3.658	56.579	52.468	21.482	0.11638	26.562	0
"2012-03-04	22:00:00"	4.8094	34.982	50.693	22.159	0.18124	26.577	0
"2012-03-04	23:00:00"	6.9761	55.715	51.32	21.976	0.13651	26.592	0
"2012-03-05	00:00:00"	6.4797	12.387	45.525	27.623	0.15644	26.592	0
"2012-03-05	01:00:00"	6.3361	38.203	47.817	26.878	0.12782	26.592	0
"2012-03-05	02:00:00"	6.3715	358.98	41.953	33.276	0.14923	26.595	0
"2012-03-05	03:00:00"	6.1702	356	40.646	35.342	0.18124	26.589	0
"2012-03-05	04:00:00"	4.3999	297.86	39.51	37.273	0.17298	26.586	0
"2012-03-05	05:00:00"	4.029	301.11	38.032	40.092	0.16937	26.586	0
"2012-03-05	06:00:00"	3.9706	287.43	36.494	43.092	0.14139	26.601	0
"2012-03-05	07:00:00"	3.7978	295.25	35.937	44.102	0.18379	26.607	0
"2012-03-05	08:00:00"	2.8832	300.03	35.8	44.992	44.727	26.621	0
"2012-03-05	09:00:00"	2.652	64.47	46.063	32.795	242.64	26.642	0
"2012-03-05	10:00:00"	5.4103	116.7	54.466	22.499	485.66	26.651	0
"2012-03-05	11:00:00"	6.3262	140.16	59.273	18.564	693.33	26.645	0
"2012-03-05	12:00:00"	7.943	159.5	63.544	15.509	845.43	26.633	0
"2012-03-05	13:00:00"	9.8456	167.41	67.556	13.386	924.92	26.604	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-05	14:00:00"	12.088	176.86	70.977	11.131	926.78	26.565	0
"2012-03-05	15:00:00"	15.868	187.31	72.971	8.2878	852.77	26.53	0
"2012-03-05	16:00:00"	16.716	192.15	73.925	6.7592	707.77	26.506	0
"2012-03-05	17:00:00"	15.567	192.69	74.355	6.2906	507.36	26.488	0
"2012-03-05	18:00:00"	14.64	189.49	73.731	6.5925	239.77	26.48	0
"2012-03-05	19:00:00"	7.8703	183.28	70.266	8.5528	41.442	26.477	0
"2012-03-05	20:00:00"	10.773	159.1	65.529	13.704	0.18845	26.485	0
"2012-03-05	21:00:00"	12.355	156.6	62.405	20.153	0.11934	26.494	0
"2012-03-05	22:00:00"	13.351	166.34	61.125	30.526	0.13948	26.497	0
"2012-03-05	23:00:00"	13.985	175.11	59.25	38.855	0.12613	26.497	0
"2012-03-06	00:00:00"	12.576	184.35	57.673	41.909	0.12443	26.477	0
"2012-03-06	01:00:00"	10.545	183.48	56.192	43.49	0.11892	26.465	0
"2012-03-06	02:00:00"	9.6455	191.28	54.724	44.944	0.1257	26.45	0
"2012-03-06	03:00:00"	8.9937	198.25	53.196	47.931	0.12189	26.438	0
"2012-03-06	04:00:00"	10.204	194.68	52.65	50.66	0.16322	26.406	0
"2012-03-06	05:00:00"	9.1683	193.83	51.434	54.906	0.14309	26.397	0
"2012-03-06	06:00:00"	9.049	193.25	50.454	58.631	0.1611	26.397	0
"2012-03-06	07:00:00"	8.1828	189.73	48.432	65.317	0.14181	26.4	0
"2012-03-06	08:00:00"	8.0082	197.34	47.289	70.571	17.764	26.4	0
"2012-03-06	09:00:00"	9.159	195.35	47.775	75.475	173.58	26.403	0
"2012-03-06	10:00:00"	14.03	185.6	54.291	64.896	467.72	26.4	0
"2012-03-06	11:00:00"	16.208	188.62	59.428	50.899	696.78	26.391	0
"2012-03-06	12:00:00"	16.746	180.47	63.44	42.161	839.94	26.373	0
"2012-03-06	13:00:00"	16.777	179.52	67.94	33.674	909.68	26.341	0
"2012-03-06	14:00:00"	18.046	181.24	71.462	25.55	905.09	26.296	0
"2012-03-06	15:00:00"	17.72	185.08	73.961	21.246	823.23	26.27	0
"2012-03-06	16:00:00"	18.331	179.53	73.912	22.93	681.53	26.237	0
"2012-03-06	17:00:00"	17.713	174.37	73.367	25.111	490.97	26.232	0
"2012-03-06	18:00:00"	19.293	161.83	69.646	34.207	256.97	26.226	0
"2012-03-06	19:00:00"	19.38	158.73	63.685	48.563	51.278	26.24	0
"2012-03-06	20:00:00"	14.715	165.76	59.744	57	0.25141	26.255	0
"2012-03-06	21:00:00"	15.223	169.71	58.105	63.149	0.1132	26.261	0
"2012-03-06	22:00:00"	12.584	167.62	56.725	66.855	0.10726	26.273	0
"2012-03-06	23:00:00"	12.585	178.2	56.088	66.187	0.1221	26.27	0
"2012-03-07	00:00:00"	12.882	185.19	56.134	64.873	0.11193	26.258	0
"2012-03-07	01:00:00"	13.112	189.63	55.779	64.609	0.10802	26.249	0
"2012-03-07	02:00:00"	15.857	182.59	55.632	65.539	0.14075	26.246	0
"2012-03-07	03:00:00"	14.917	179.11	55.406	67.451	0.11447	26.24	0
"2012-03-07	04:00:00"	12.82	185.33	54.954	70.385	0.1151	26.226	0
"2012-03-07	05:00:00"	11.859	187.14	53.57	75.312	0.11299	26.229	0
"2012-03-07	06:00:00"	10.345	184.97	51.838	80.986	0.13376	26.24	0
"2012-03-07	07:00:00"	9.8214	184.26	50.317	86.122	0.13228	26.246	0
"2012-03-07	08:00:00"	10.524	186.83	49.723	89.86	50.591	26.255	0
"2012-03-07	09:00:00"	13.474	184.56	52.683	86.733	228	26.282	0
"2012-03-07	10:00:00"	15.593	187.26	57.957	71.118	491.24	26.294	0
"2012-03-07	11:00:00"	13.938	188.51	62.502	56.283	690.16	26.296	0
"2012-03-07	12:00:00"	12.04	196.84	67.894	39.373	838.28	26.288	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-07	13:00:00"	12.703	212.53	73.175	24.764	917.51	26.258	0
"2012-03-07	14:00:00"	15.23	197.25	76.149	18.985	920.56	26.22	0
"2012-03-07	15:00:00"	17.355	196.59	78.95	12.396	846.41	26.187	0
"2012-03-07	16:00:00"	17.256	198.87	80.082	10.965	691.81	26.19	0
"2012-03-07	17:00:00"	17.354	229.51	81.88	7.0478	500.51	26.178	0
"2012-03-07	18:00:00"	15.426	223.06	81.487	6.4494	293.4	26.172	0
"2012-03-07	19:00:00"	11.764	216.47	79.466	6.012	61.847	26.178	0
"2012-03-07	20:00:00"	6.589	158.47	72.78	13.916	0.20286	26.193	0
"2012-03-07	21:00:00"	10.634	131.55	69.57	36.195	0.08712	26.22	0
"2012-03-07	22:00:00"	15.681	164.99	66.87	49.997	0.10514	26.249	0
"2012-03-07	23:00:00"	11.469	190.18	64.744	59.401	0.13524	26.288	0
"2012-03-08	00:00:00"	8.5544	193.46	64.06	62.686	0.09475	26.294	0
"2012-03-08	01:00:00"	4.8728	197.47	62.732	66.402	0.09221	26.294	0
"2012-03-08	02:00:00"	2.6744	190.86	60.88	70.381	0.13312	26.299	0
"2012-03-08	03:00:00"	2.0064	254.47	58.544	74.668	0.10938	26.296	0
"2012-03-08	04:00:00"	1.4024	350.57	53.115	85.801	0.08628	26.305	0
"2012-03-08	05:00:00"	3.7506	340.09	50.717	89.8	0.06465	26.335	0
"2012-03-08	06:00:00"	19.619	1.9183	43.07	64.791	0.14393	26.373	0
"2012-03-08	07:00:00"	21.955	9.1229	41.193	63.87	0.16768	26.409	0
"2012-03-08	08:00:00"	26.018	18.215	42.777	60.81	23.365	26.444	0
"2012-03-08	09:00:00"	27.644	29.294	41.939	67.476	89.783	26.506	0
"2012-03-08	10:00:00"	28.612	28.383	39.529	72.444	145.46	26.547	0
"2012-03-08	11:00:00"	29.525	34.308	41.086	61.224	422.23	26.574	0
"2012-03-08	12:00:00"	27.759	39.893	42.602	53.037	484.97	26.592	0
"2012-03-08	13:00:00"	25.034	35.369	44.119	43.965	436.19	26.63	0
"2012-03-08	14:00:00"	20.88	27.268	43.705	44.243	150.99	26.639	0
"2012-03-08	15:00:00"	16.364	36.25	42.982	48.376	119.69	26.639	0
"2012-03-08	16:00:00"	16.878	43.069	39.517	65.426	116.68	26.68	0
"2012-03-08	17:00:00"	16.48	25.419	38.113	63.275	106.16	26.698	0
"2012-03-08	18:00:00"	16.724	23.756	35.85	75.478	104.19	26.716	0.01
"2012-03-08	19:00:00"	17.499	17.885	35.126	78.831	13.901	26.745	0
"2012-03-08	20:00:00"	13.911	11.86	35.472	78.012	0.17955	26.778	0
"2012-03-08	21:00:00"	12.782	35.702	35.234	78.839	0.14139	26.798	0
"2012-03-08	22:00:00"	12.097	13.652	34.916	80.155	0.18887	26.825	0
"2012-03-08	23:00:00"	16.785	1.7027	35.087	78.286	0.14457	26.828	0
"2012-03-09	00:00:00"	17.203	358.42	34.787	76.425	0.15135	26.816	0
"2012-03-09	01:00:00"	16.148	354.14	34.911	73.779	0.1645	26.822	0
"2012-03-09	02:00:00"	11.802	354.64	35.371	71.553	0.1486	26.843	0
"2012-03-09	03:00:00"	12.351	0.73033	35.157	70.407	0.19545	26.834	0
"2012-03-09	04:00:00"	11.279	353.9	34.635	73.838	0.15474	26.816	0
"2012-03-09	05:00:00"	13.227	354.65	34.843	72.541	0.16386	26.813	0
"2012-03-09	06:00:00"	15.591	3.0097	34.215	70.353	0.18167	26.828	0
"2012-03-09	07:00:00"	14.917	0.33861	33.688	72.038	0.18188	26.828	0
"2012-03-09	08:00:00"	13.359	2.2525	33.693	73.067	4.8081	26.837	0
"2012-03-09	09:00:00"	11.634	0.9273	34.963	67.299	50.696	26.855	0
"2012-03-09	10:00:00"	12.829	2.8184	34.745	70.974	86.228	26.852	0
"2012-03-09	11:00:00"	18.09	356.04	34.691	69.988	124.33	26.837	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-09	12:00:00"	14.86	17.245	35.35	60.019	180.71	26.84	0
"2012-03-09	13:00:00"	13.962	14.071	35.486	61.5	202.88	26.807	0
"2012-03-09	14:00:00"	14.4	15.88	37.21	53.452	239.67	26.784	0
"2012-03-09	15:00:00"	12.824	22.902	36.339	58.074	222.63	26.775	0
"2012-03-09	16:00:00"	12.734	12.741	34.554	73.044	154.37	26.748	0
"2012-03-09	17:00:00"	11.454	2.4465	36.713	64.934	135.92	26.739	0
"2012-03-09	18:00:00"	8.0039	11.531	37.625	61.815	66.616	26.728	0
"2012-03-09	19:00:00"	9.3243	0.68413	36.51	74.441	19.842	26.731	0
"2012-03-09	20:00:00"	9.5654	4.9861	37.234	67.188	0.28575	26.722	0
"2012-03-09	21:00:00"	8.0878	11.763	37.469	65.477	0.18845	26.725	0
"2012-03-09	22:00:00"	7.0103	39.952	37.6	66.337	0.14902	26.716	0
"2012-03-09	23:00:00"	6.5536	34.621	35.708	81.741	0.15708	26.719	0
"2012-03-10	00:00:00"	6.2069	36.953	34.503	92.38	0.08734	26.707	0.01
"2012-03-10	01:00:00"	6.7388	69.569	34.871	92.782	0.1062	26.689	0
"2012-03-10	02:00:00"	9.1161	73.032	34.966	92.941	0.09878	26.66	0
"2012-03-10	03:00:00"	8.4718	78.302	34.683	92.269	0.08479	26.648	0
"2012-03-10	04:00:00"	6.4368	80.691	34.361	92.542	0.06677	26.621	0
"2012-03-10	05:00:00"	7.0457	191.99	34.056	93.024	0.06677	0	0.01
"2012-03-10	06:00:00"	5.4805	185.25	34.135	93.015	0.08119	0	0
"2012-03-10	07:00:00"	5.9962	94.334	34.248	93.275	0.06571	26.601	0
"2012-03-10	08:00:00"	4.8026	214.11	34.492	93.171	5.0379	0	0
"2012-03-10	09:00:00"	5.6103	182.6	34.674	92.853	18.187	0	0
"2012-03-10	10:00:00"	4.3279	99.501	34.842	93.419	29.965	26.601	0
"2012-03-10	11:00:00"	7.6944	107.4	35.67	91.506	140.21	26.553	0
"2012-03-10	12:00:00"	7.4782	105.84	36.784	89.583	161.59	26.565	0
"2012-03-10	13:00:00"	4.523	170.82	36.953	88.772	89.805	26.539	0
"2012-03-10	14:00:00"	5.519	115.39	36.781	90.942	109.45	26.506	0
"2012-03-10	15:00:00"	4.5236	94.211	37.339	90.174	111.68	26.474	0
"2012-03-10	16:00:00"	3.9942	285.58	37.931	88.79	92.307	26.465	0
"2012-03-10	17:00:00"	4.0066	313.24	38.182	89.127	78.733	26.456	0
"2012-03-10	18:00:00"	5.2723	335.82	38.898	87.875	66.594	26.462	0
"2012-03-10	19:00:00"	4.0327	236.89	39.135	86.824	13.776	26.477	0
"2012-03-10	20:00:00"	3.7854	238.23	39.057	87.12	0.13291	0	0
"2012-03-10	21:00:00"	5.1195	255.04	39.167	86.09	0.0903	0	0
"2012-03-10	22:00:00"	5.3755	290.75	39.209	85.216	0.13821	26.488	0
"2012-03-10	23:00:00"	3.8898	232.78	39.172	84.064	0.15771	0	0
"2012-03-11	00:00:00"	5.7936	231.74	39.18	83.905	0.13397	0	0
"2012-03-11	01:00:00"	6.1006	224.62	38.963	83.784	0.11532	0	0
"2012-03-11	02:00:00"	5.4457	224.34	37.491	85.19	0.12952	26.462	0
"2012-03-11	03:00:00"	4.5478	226.34	35.089	87.826	0.13482	0	0
"2012-03-11	04:00:00"	7.5335	227.15	34.797	88.631	0.07949	26.418	0
"2012-03-11	05:00:00"	7.4366	228.03	34.264	89.579	0.08204	26.406	0
"2012-03-11	06:00:00"	10.261	225	32.718	92.343	0.1009	0	0
"2012-03-11	07:00:00"	9.021	226.36	32.477	90.67	0.20965	26.403	0
"2012-03-11	08:00:00"	8.7129	226.35	31.991	90.257	61.442	0	0
"2012-03-11	09:00:00"	8.2425	219.55	35.886	88.688	260.68	26.42	0
"2012-03-11	10:00:00"	12.572	221.62	42.044	74.767	500.24	26.42	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-11	11:00:00"	13.332	223.47	49.599	55.333	707.35	26.406	0
"2012-03-11	12:00:00"	12.719	226.43	56.513	39.652	851.24	26.394	0
"2012-03-11	13:00:00"	12.554	243.09	63.566	28.118	932.25	26.373	0
"2012-03-11	14:00:00"	14.232	250.41	67.654	22.343	937.83	26.347	0
"2012-03-11	15:00:00"	14.935	242.27	70.335	18.177	861.23	26.326	0
"2012-03-11	16:00:00"	16.55	265.14	71.411	16.566	720.11	26.317	0
"2012-03-11	17:00:00"	15.452	269.34	71.257	15.146	518.61	26.323	0
"2012-03-11	18:00:00"	14.042	266.53	70.899	14	281.64	26.323	0
"2012-03-11	19:00:00"	10.176	259.95	67.796	14.852	53.787	26.341	0
"2012-03-11	20:00:00"	5.675	237.62	64.451	16.433	0.43859	26.353	0
"2012-03-11	21:00:00"	6.6008	244.67	60.014	20.351	0.14542	26.367	0
"2012-03-11	22:00:00"	4.5323	233.12	55.465	24.311	0.13948	26.376	0
"2012-03-11	23:00:00"	2.8533	216.84	51.785	28.008	0.11722	26.388	0
"2012-03-12	01:00:00"	3.0205	275.14	51.373	28.253	0.14542	26.394	0
"2012-03-12	02:00:00"	3.525	258.13	48.672	30.623	0.15453	26.391	0
"2012-03-12	03:00:00"	3.6847	277.45	48.214	31.113	0.15199	26.391	0
"2012-03-12	04:00:00"	3.594	296.29	44.055	37.176	0.14817	26.397	0
"2012-03-12	05:00:00"	4.3216	267.44	44.787	36.025	0.14605	26.4	0
"2012-03-12	06:00:00"	5.0244	269.39	46.934	31.709	0.1079	26.406	0
"2012-03-12	07:00:00"	4.4826	290.36	43.786	35.106	0.16662	26.42	0
"2012-03-12	08:00:00"	5.3332	254.87	43.459	35.376	0.5768	26.444	0
"2012-03-12	09:00:00"	2.6545	302.85	44.104	35.331	78.036	26.468	0
"2012-03-12	10:00:00"	3.6226	236.03	51.751	27.683	261.32	26.5	0
"2012-03-12	11:00:00"	6.4125	260.67	60.712	19.699	463.97	26.515	0
"2012-03-12	12:00:00"	8.3916	258.3	65.434	15.696	589.16	26.518	0
"2012-03-12	13:00:00"	8.4127	281.16	69.154	12.851	828.34	26.518	0
"2012-03-12	14:00:00"	8.7936	279.56	72.07	9.5578	730.76	26.503	0
"2012-03-12	15:00:00"	6.7015	259.36	73.09	8.1317	617.23	26.483	0
"2012-03-12	16:00:00"	8.3904	239.84	74.149	7.7106	523.08	26.471	0
"2012-03-12	17:00:00"	9.2969	249.27	76	6.7272	723.66	26.459	0
"2012-03-12	18:00:00"	8.2493	263.09	76.132	5.6411	371.1	26.453	0
"2012-03-12	19:00:00"	4.9846	284.98	77.079	5.9272	290.81	26.453	0
"2012-03-12	20:00:00"	2.4582	332.39	74.157	7.2295	68.222	26.456	0
"2012-03-12	21:00:00"	1.6007	55.489	64.603	11.409	0.31966	26.465	0
"2012-03-12	22:00:00"	1.3422	138.37	63.237	11.498	0.12888	26.471	0
"2012-03-12	23:00:00"	1.3161	114.51	60.53	12.546	0.11828	26.48	0
"2012-03-13	00:00:00"	1.9673	170.22	58.34	13.13	0.14945	26.488	0
"2012-03-13	01:00:00"	2.6775	326.63	53.585	15.782	0.13719	26.485	0
"2012-03-13	02:00:00"	2.5265	256.47	55.92	14.964	0.14012	26.491	0
"2012-03-13	03:00:00"	3.5673	210.63	59.332	15.206	0.11659	26.488	0
"2012-03-13	04:00:00"	4.1514	217.18	58.431	30.319	0.14054	26.48	0
"2012-03-13	05:00:00"	3.9811	245.58	55.839	40.674	0.09094	26.471	0
"2012-03-13	06:00:00"	2.7539	270.24	52.844	50.471	0.15241	26.465	0
"2012-03-13	07:00:00"	3.4033	247.7	52.804	62.729	0.13206	26.474	0
"2012-03-13	08:00:00"	3.9737	262.65	51.285	69.72	0.2565	26.483	0
"2012-03-13	09:00:00"	3.1895	322.91	44.599	78.486	42.483	26.488	0
"2012-03-13	10:00:00"	2.4768	54.558	52.288	76.542	221.28	26.5	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-13	11:00:00"	11.452	175.94	59.834	77.087	453.82	26.518	0
"2012-03-13	12:00:00"	9.6406	184.92	61.9	70.801	451.68	26.515	0
"2012-03-13	13:00:00"	6.8251	184.42	64.621	63.301	697.65	26.503	0
"2012-03-13	14:00:00"	4.915	162.88	70.793	42.938	821.64	26.477	0
"2012-03-13	15:00:00"	6.1497	157.09	75.462	27.971	963.96	26.447	0
"2012-03-13	16:00:00"	6.3597	161.9	77.904	18.593	860.07	26.418	0
"2012-03-13	17:00:00"	9.8711	151.03	79.398	18.24	710.7	26.409	0
"2012-03-13	18:00:00"	8.931	170.36	79.814	19.324	511.28	26.394	0
"2012-03-13	19:00:00"	10.003	164.51	79.442	18.786	278.71	26.391	0
"2012-03-13	20:00:00"	6.7133	172.98	76.05	17.681	54.156	26.397	0
"2012-03-13	21:00:00"	4.4981	164.99	70.362	22.396	0.38813	26.409	0
"2012-03-13	22:00:00"	13.509	152.76	67.763	52.929	0.0956	26.429	0
"2012-03-13	23:00:00"	14.198	158.38	63.725	70.681	0.09221	26.444	0
"2012-03-14	00:00:00"	9.5098	162.16	60.722	79.861	0.1062	26.453	0
"2012-03-14	01:00:00"	8.0157	161.62	58.459	85.86	0.08882	26.444	0
"2012-03-14	02:00:00"	8.9179	168.39	58.554	89.339	0.07652	26.435	0
"2012-03-14	03:00:00"	11.722	170.35	59.502	89.892	0.07949	26.423	0
"2012-03-14	04:00:00"	9.7319	182.16	59.032	91.067	0.06953	26.418	0
"2012-03-14	05:00:00"	11.607	192.06	58.916	91.428	0.07483	26.409	0
"2012-03-14	06:00:00"	6.4971	209.41	58.493	92.509	0.07165	26.42	0
"2012-03-14	07:00:00"	8.3475	194.38	58.709	92.06	0.07229	26.435	0
"2012-03-14	08:00:00"	8.5438	193.3	58.321	92.333	0.1787	26.453	0
"2012-03-14	09:00:00"	10.21	192.43	57.944	92.336	9.7076	26.471	0
"2012-03-14	10:00:00"	7.6547	194.45	57.628	93.303	44.14	26.483	0
"2012-03-14	11:00:00"	4.8952	226.93	57.98	93.376	100.66	26.509	0
"2012-03-14	12:00:00"	3.4728	228.62	58.32	92.406	275.67	26.503	0
"2012-03-14	13:00:00"	1.9971	165.7	62.773	72.739	569.36	26.497	0
"2012-03-14	14:00:00"	3.2529	158.11	70.081	48.813	856.64	26.477	0
"2012-03-14	15:00:00"	5.1599	174.74	75.73	27.424	918.82	26.453	0
"2012-03-14	16:00:00"	5.642	208.73	79.213	19.608	813.52	26.432	0
"2012-03-14	17:00:00"	7.2738	210.62	80.154	15.504	589.7	26.42	0
"2012-03-14	18:00:00"	8.5383	178.94	80.629	13.042	521.16	26.415	0
"2012-03-14	19:00:00"	8.8365	201.45	80.211	17.252	285.45	26.418	0
"2012-03-14	20:00:00"	8.7719	177.89	77.068	22.795	66.909	26.426	0
"2012-03-14	21:00:00"	6.7537	173.17	70.541	25.046	0.52952	26.441	0
"2012-03-14	22:00:00"	7.9635	164.75	67.021	26.822	0.12295	26.456	0
"2012-03-14	23:00:00"	10.445	161.81	64.483	49.561	0.09836	26.48	0
"2012-03-15	00:00:00"	10.401	168.06	63.249	75.058	0.08755	26.483	0
"2012-03-15	01:00:00"	10.697	184.27	61.884	80.797	0.09682	26.483	0
"2012-03-15	02:00:00"	7.5683	193.69	59.974	84.496	0.0831	26.483	0
"2012-03-15	03:00:00"	6.333	191.46	58.644	87.54	0.07525	26.483	0
"2012-03-15	04:00:00"	4.7479	210.96	57.93	89.947	0.07737	26.477	0
"2012-03-15	05:00:00"	2.4737	241.65	56.375	92.107	0.06423	26.471	0
"2012-03-15	06:00:00"	3.1939	260.42	53.436	92.724	0.06338	26.471	0
"2012-03-15	07:00:00"	4.1303	261.73	51.274	93.356	0.09603	26.485	0
"2012-03-15	08:00:00"	4.1247	263.69	52.103	93.838	0.30101	26.5	0
"2012-03-15	09:00:00"	4.3831	248.21	52.088	93.832	24.438	26.506	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-15	10:00:00"	5.5364	215.03	53.808	93.943	132.78	26.524	0
"2012-03-15	11:00:00"	6.1478	211.1	55.659	93.681	283.27	26.545	0
"2012-03-15	12:00:00"	4.3838	227.49	58.06	91.28	532.86	26.545	0
"2012-03-15	13:00:00"	5.1853	245.82	68.482	46.605	847.14	26.533	0
"2012-03-15	14:00:00"	4.8281	231.72	75.772	17.689	709.57	26.512	0
"2012-03-15	15:00:00"	6.7096	235.18	79.619	9.182	804	26.485	0
"2012-03-15	16:00:00"	8.5644	213.99	80.971	10.912	603.65	26.459	0
"2012-03-15	17:00:00"	11.549	196.73	80.212	11.821	448.73	26.459	0
"2012-03-15	18:00:00"	12.701	203.08	80.227	12.757	332.23	26.453	0
"2012-03-15	19:00:00"	10.826	197.05	79.387	11.269	173.56	26.447	0
"2012-03-15	20:00:00"	9.1447	202.22	77.632	9.0164	36.473	26.459	0
"2012-03-15	21:00:00"	3.9469	208.38	75.348	9.3844	0.30652	26.468	0
"2012-03-15	22:00:00"	3.7891	234.19	73.576	8.7003	0.1132	26.48	0
"2012-03-15	23:00:00"	7.1806	197.13	71.364	18.761	0.08691	26.494	0
"2012-03-16	00:00:00"	14.054	181.14	64.995	71.11	0.11087	26.491	0
"2012-03-16	01:00:00"	11.472	183.95	63.137	79.288	0.11277	26.485	0
"2012-03-16	02:00:00"	11.443	186.13	62.773	80.13	0.08861	26.471	0
"2012-03-16	03:00:00"	10.306	192.79	62.265	80.372	0.08797	26.459	0
"2012-03-16	04:00:00"	8.56	189.58	60.65	83.452	0.12125	26.444	0
"2012-03-16	05:00:00"	7.2228	189.14	58.93	87.002	0.09751	26.426	0
"2012-03-16	06:00:00"	5.7377	185.21	57.927	88.99	0.07546	26.426	0
"2012-03-16	07:00:00"	5.5401	206.15	57.954	87.817	0.07992	26.441	0
"2012-03-16	08:00:00"	4.4204	216.5	57.248	89.332	0.32221	26.45	0
"2012-03-16	09:00:00"	7.8392	186.92	56.621	90.122	51.261	26.453	0
"2012-03-16	10:00:00"	10.465	191.27	59.803	87.127	285.88	26.459	0
"2012-03-16	11:00:00"	10.913	188.75	65.125	73.163	527.36	26.465	0
"2012-03-16	12:00:00"	11.206	184.72	70.068	55.391	736.26	26.456	0
"2012-03-16	13:00:00"	10.031	194.18	75.009	39.799	874.78	26.447	0
"2012-03-16	14:00:00"	8.8483	217.47	78.776	27.942	781.18	26.423	0
"2012-03-16	15:00:00"	9.21	209.65	81.294	21.748	844.51	26.382	0
"2012-03-16	16:00:00"	11.045	201.51	82.874	19.018	822.91	26.356	0
"2012-03-16	17:00:00"	14.277	177.41	81.94	26.079	676.06	26.335	0
"2012-03-16	18:00:00"	14.715	164.84	79.259	32.287	176.52	26.335	0
"2012-03-16	19:00:00"	14.631	160.24	76.529	38.844	95.722	26.323	0
"2012-03-16	20:00:00"	19.103	156.57	72.487	54.227	66.666	26.338	0
"2012-03-16	21:00:00"	14.475	161.15	67.855	64.075	0.67537	26.356	0
"2012-03-16	22:00:00"	11.162	164.99	64.58	73.106	0.0797	26.37	0
"2012-03-16	23:00:00"	7.9007	178.42	62.041	80.865	0.09878	26.379	0
"2012-03-17	00:00:00"	7.2091	183.58	60.463	85.507	0.07356	26.385	0
"2012-03-17	01:00:00"	7.7249	185.64	60.026	86.927	0.08543	26.382	0
"2012-03-17	02:00:00"	7.7112	187.98	59.573	87.154	0.08331	26.367	0
"2012-03-17	03:00:00"	6.8867	188.31	58.769	87.843	0.0797	26.358	0
"2012-03-17	04:00:00"	5.401	205.45	58.168	88.702	0.07928	26.347	0
"2012-03-17	05:00:00"	3.1926	231.18	56.303	92.55	0.07949	26.338	0
"2012-03-17	06:00:00"	1.5304	145.01	52.811	92.677	0.07165	26.344	0
"2012-03-17	07:00:00"	4.4429	216.97	53.8	93.829	0.06614	26.356	0
"2012-03-17	08:00:00"	7.3987	217.17	53.554	93.961	0.46996	26.364	0

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"2012-03-17	09:00:00"	8.0269	212.86	53.749	93.871	40.682	26.379	0
"2012-03-17	10:00:00"	9.8276	195.96	55.588	93.979	129.78	26.391	0
"2012-03-17	11:00:00"	10.197	200.18	58.855	92.31	370.72	26.4	0
"2012-03-17	12:00:00"	7.8771	210.47	64.603	63.895	622.98	26.394	0
"2012-03-17	13:00:00"	7.8523	210.19	73.186	34.979	880.97	26.376	0
"2012-03-17	14:00:00"	11.026	237.5	80.196	15.026	966.9	26.347	0
"2012-03-17	15:00:00"	12.88	239.75	82.202	10.065	894.05	26.305	0
"2012-03-17	16:00:00"	16.1	232.23	84.75	10.191	885.22	26.285	0
"2012-03-17	17:00:00"	15.678	231.5	84.824	10.718	687.91	26.27	0
"2012-03-17	18:00:00"	14.379	230.24	84.306	11.098	455.6	26.249	0
"2012-03-17	19:00:00"	17.298	204.73	83.31	11.297	259.7	26.249	0
"2012-03-17	20:00:00"	16.203	193.18	81.56	10.732	98.057	26.249	0
"2012-03-17	21:00:00"	19.204	171.31	74.312	40.389	0.66986	26.27	0
"2012-03-17	22:00:00"	18.15	167.3	67.446	61.969	0.11023	26.291	0
"2012-03-17	23:00:00"	17.367	158.96	63.686	71.441	0.07165	26.302	0
"2012-03-18	00:00:00"	15.03	161.57	62	78.903	0.12464	26.311	0
"2012-03-18	01:00:00"	14.93	166.16	61.738	82.866	0.12874	26.291	0
"2012-03-18	02:00:00"	11.411	168.54	61.188	84.566	0.11171	26.273	0
"2012-03-18	03:00:00"	13.445	166.98	61.554	84.148	0.10853	26.252	0
"2012-03-18	04:00:00"	16.628	166.4	62.693	77.933	0.1204	26.234	0
"2012-03-18	05:00:00"	16.674	176.93	63.877	68.385	0.09433	26.232	0
"2012-03-18	06:00:00"	17.126	173.57	63.949	70.48	0.13524	26.232	0
"2012-03-18	07:00:00"	13.277	180.4	62.522	74.309	0.10853	26.229	0
"2012-03-18	08:00:00"	13.738	187.41	61.349	76.223	0.46339	26.252	0
"2012-03-18	09:00:00"	12.058	190.57	60.122	84.813	60.377	26.267	0
"2012-03-18	10:00:00"	13.904	190.94	62.159	81.987	229.26	26.273	0
"2012-03-18	11:00:00"	16.563	189.27	65.734	67.142	482.83	26.273	0
"2012-03-18	12:00:00"	15.419	190.35	71.664	42.585	762.32	26.261	0
"2012-03-18	13:00:00"	20.84	201.45	77.522	20.893	927.43	26.24	0
"2012-03-18	14:00:00"	20.269	209.97	79.449	15.238	719.3	26.208	0
"2012-03-18	15:00:00"	22.082	209.56	80.814	13.461	719.78	26.184	0
"2012-03-18	16:00:00"	21.787	222.73	80.789	13.583	532.36	26.158	0
"2012-03-18	17:00:00"	20.344	226.01	79.935	13.927	403.38	26.149	0
"2012-03-18	18:00:00"	22.775	222.54	79.537	13.482	351.54	26.14	0
"2012-03-18	19:00:00"	19.209	220.77	78.447	12.893	170.12	26.128	0
"2012-03-18	20:00:00"	13.804	218.44	77.221	12.546	47.41	26.116	0
"2012-03-18	21:00:00"	11.286	194.74	74.646	12.901	0.15029	26.122	0
"2012-03-18	22:00:00"	16.221	174.69	72.379	43.222	0.0956	26.143	0
"2012-03-18	23:00:00"	16.043	247.2	68.154	29.856	0.08034	26.155	0.03
"2012-03-19	00:00:00"	5.565	251.49	64.734	29.699	0.10641	26.167	0
"2012-03-19	01:00:00"	6.8674	291.48	63.096	25.202	0.11616	26.158	0
"2012-03-19	02:00:00"	5.5128	286.97	61.316	26.551	0.13842	26.161	0
"2012-03-19	03:00:00"	6.3293	283.7	59.759	28.584	0.11002	26.149	0
"2012-03-19	04:00:00"	17.986	283.55	58.077	31.016	0.13355	26.137	0
"2012-03-19	05:00:00"	22.749	284.46	53.241	40.242	0.13863	26.099	0
"2012-03-19	06:00:00"	22.735	289.24	50.686	45.652	0.12592	26.122	0
"2012-03-19	07:00:00"	15.59	284.9	49.399	49.795	0.12804	26.158	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-19	08:00:00"	11.069	252.51	49.758	47.969	0.41548	26.178	0
"2012-03-19	09:00:00"	8.9906	257.02	49.871	48.404	29.642	26.199	0
"2012-03-19	10:00:00"	11.766	293.06	49.071	52.702	31.46	26.22	0
"2012-03-19	11:00:00"	13.608	287.79	46.966	68.192	144.22	26.234	0
"2012-03-19	12:00:00"	10.038	262.07	44.875	80.077	103.58	26.258	0.07
"2012-03-19	13:00:00"	6.3106	238.18	42.662	82.06	39.523	26.246	0.08
"2012-03-19	14:00:00"	7.334	139.02	43.753	83.234	217.42	26.205	0
"2012-03-19	15:00:00"	8.8054	176.81	48.18	73.478	912.73	26.178	0
"2012-03-19	16:00:00"	11.136	235.63	55.674	55.341	805.08	26.128	0
"2012-03-19	17:00:00"	15.239	292.67	54.662	52.229	222.95	26.143	0
"2012-03-19	18:00:00"	19.346	278.76	51.734	54.712	281.6	26.137	0
"2012-03-19	19:00:00"	19.508	280.24	50.019	49.452	104.97	26.184	0
"2012-03-19	20:00:00"	13.201	269.09	48.738	46.294	43.279	26.193	0
"2012-03-19	21:00:00"	8.8297	270.9	47.905	42.881	0.39068	26.19	0
"2012-03-19	22:00:00"	8.1455	275.9	47.137	44.4	0.13863	26.211	0
"2012-03-19	23:00:00"	5.6271	274.09	46.658	43.296	0.17912	26.205	0
"2012-03-20	00:00:00"	4.8771	252	44.652	50.791	0.11489	26.199	0
"2012-03-20	01:00:00"	11.376	260.57	43.729	51.428	0.14438	26.169	0
"2012-03-20	02:00:00"	13.574	277.28	41.213	56.647	0.15263	26.143	0
"2012-03-20	03:00:00"	13.994	282.28	39.766	57.509	0.14181	26.19	0
"2012-03-20	04:00:00"	8.8837	287.25	37.709	61.018	0.15496	26.169	0
"2012-03-20	05:00:00"	7.7541	257.32	35.056	67.316	0.15263	26.172	0
"2012-03-20	06:00:00"	7.7671	265.42	33.48	70.909	0.16068	26.164	0
"2012-03-20	07:00:00"	8.0039	263.48	32.623	73.408	0.18315	26.19	0
"2012-03-20	08:00:00"	7.4297	256.72	31.899	75.552	1.3192	26.208	0
"2012-03-20	09:00:00"	5.0971	234.61	33.055	72.344	95.682	26.211	0
"2012-03-20	10:00:00"	8.0182	255.51	39.233	56.731	317.92	26.226	0
"2012-03-20	11:00:00"	12.534	264.56	44.408	41.922	555.1	26.22	0
"2012-03-20	12:00:00"	14.833	279.26	47.621	34.208	731.9	26.217	0
"2012-03-20	13:00:00"	14.782	276.28	49.633	30.951	854.41	26.193	0
"2012-03-20	14:00:00"	14.155	272.63	50.107	31.049	525.3	26.184	0
"2012-03-20	15:00:00"	13.661	273.51	48.13	35.969	424.36	26.161	0
"2012-03-20	16:00:00"	14.818	274.51	51.369	30.517	416.57	26.146	0
"2012-03-20	17:00:00"	19.245	288.24	51.97	31.353	467.53	26.152	0
"2012-03-20	18:00:00"	18.363	278.65	50.246	35.061	309.54	26.169	0
"2012-03-20	19:00:00"	12.021	240.43	50.175	35.746	220.03	26.196	0
"2012-03-20	20:00:00"	14.929	331.1	49.605	30.824	45.934	26.234	0
"2012-03-20	21:00:00"	14.709	319.41	45.765	50.019	0.68215	26.258	0
"2012-03-20	22:00:00"	14.399	329.29	44.506	52.547	0.18887	26.276	0
"2012-03-20	23:00:00"	8.0542	305.18	41.405	61.686	0.15686	26.299	0
"2012-03-21	00:00:00"	11.98	303.17	41.206	63.611	0.16068	26.314	0
"2012-03-21	01:00:00"	11.979	306.13	40.566	70.376	0.14393	26.311	0
"2012-03-21	02:00:00"	11.771	302.95	41.665	66.428	0.16195	26.299	0
"2012-03-21	03:00:00"	10.506	299.75	41.912	63.96	0.18039	26.288	0
"2012-03-21	04:00:00"	10.876	301.68	42.226	60.045	0.15686	26.288	0
"2012-03-21	05:00:00"	13.136	315.4	43.315	53.333	0.15051	26.296	0
"2012-03-21	06:00:00"	14.429	328.79	43.361	52.762	0.13058	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-21	07:00:00"	12.443	318.55	42.251	54.422	0.16132	26.314	0
"2012-03-21	08:00:00"	9.4877	317.74	39.597	60.427	1.2676	26.305	0
"2012-03-21	09:00:00"	9.4579	308.54	40.493	61.514	48.468	26.329	0
"2012-03-21	10:00:00"	11.58	307.45	42.623	51.184	142.57	26.344	0
"2012-03-21	11:00:00"	12.969	315.87	47.295	41.728	394.38	26.35	0
"2012-03-21	12:00:00"	21.204	335.56	54.491	29.386	493.46	26.347	0
"2012-03-21	13:00:00"	18.033	348.26	55.773	26.913	733.8	26.332	0
"2012-03-21	14:00:00"	15.117	310.09	59.352	21.631	988.65	26.302	0
"2012-03-21	15:00:00"	14.429	311.62	61.384	19.675	1021.2	26.273	0
"2012-03-21	16:00:00"	17.674	306.52	63.28	17.671	894.52	26.249	0
"2012-03-21	17:00:00"	18.588	306.8	65.616	14.005	740.08	26.234	0
"2012-03-21	18:00:00"	20.126	329.01	66.02	13.038	429.21	26.237	0
"2012-03-21	19:00:00"	13.962	45.842	58.579	27.534	153.64	26.27	0
"2012-03-21	20:00:00"	15.163	25.104	56.202	31.761	81.235	26.296	0
"2012-03-21	21:00:00"	12.214	4.8135	52.69	36.583	1.9407	26.326	0
"2012-03-21	22:00:00"	6.0969	338.96	49.796	43.677	0.13164	26.326	0
"2012-03-21	23:00:00"	4.5099	299.28	48.303	47.3	0.1611	26.329	0
"2012-03-22	00:00:00"	5.862	249.84	46.884	49.036	0.131	26.329	0
"2012-03-22	01:00:00"	4.8469	241.16	45.258	50.548	0.15939	26.341	0
"2012-03-22	02:00:00"	4.4155	276.14	41.581	57.733	0.18569	26.338	0
"2012-03-22	03:00:00"	5.9863	260.53	42.221	56.128	0.1522	26.335	0
"2012-03-22	04:00:00"	5.9403	277.71	42.316	53.275	0.1698	26.299	0
"2012-03-22	05:00:00"	5.9577	249.23	41.686	53.071	0.16301	26.27	0
"2012-03-22	06:00:00"	5.1891	266.22	42.529	50.229	0.16746	26.279	0
"2012-03-22	07:00:00"	4.8374	269.06	43.491	47.37	0.14817	26.288	0
"2012-03-22	08:00:00"	4.2545	290.65	41.451	50.845	1.6534	26.296	0
"2012-03-22	09:00:00"	2.9378	270.36	41.653	52.304	102.64	26.317	0
"2012-03-22	10:00:00"	5.0803	232.56	49.09	40.212	329.57	26.326	0
"2012-03-22	11:00:00"	8.8595	256.29	59.337	25.206	570.28	26.335	0
"2012-03-22	12:00:00"	12.647	293.18	66.505	18.048	775.58	26.338	0
"2012-03-22	13:00:00"	14.692	315.34	70.584	15.203	921.79	26.329	0
"2012-03-22	14:00:00"	14.157	346.24	72.356	13.068	995.46	26.329	0
"2012-03-22	15:00:00"	11.777	16.513	72.239	13.402	984.16	26.329	0
"2012-03-22	16:00:00"	8.9769	350.31	72.889	12.677	906.13	26.326	0
"2012-03-22	17:00:00"	6.1988	26.234	73.654	11.98	755.31	26.314	0
"2012-03-22	18:00:00"	4.4049	74.125	74.144	11.861	548.75	26.314	0
"2012-03-22	19:00:00"	5.6178	82.868	73.69	12.417	314.44	26.317	0
"2012-03-22	20:00:00"	8.5059	77.116	71.204	18.332	94.604	26.335	0
"2012-03-22	21:00:00"	10.737	80.357	62.784	36.618	1.4154	26.358	0
"2012-03-22	22:00:00"	10.971	85.216	57.605	45.316	0.14648	26.373	0
"2012-03-22	23:00:00"	10.384	83.875	54.284	50.552	0.17001	26.394	0
"2012-03-23	00:00:00"	9.6741	83.235	51.522	55.352	0.10684	26.415	0
"2012-03-23	01:00:00"	7.1377	91.245	48.369	61.912	0.09751	26.426	0
"2012-03-23	02:00:00"	6.4275	111.3	46.295	66.507	0.16216	26.426	0
"2012-03-23	03:00:00"	4.2514	106.21	44.76	69.568	0.13482	26.418	0
"2012-03-23	04:00:00"	4.0091	118.79	43.516	72.814	0.1257	26.418	0
"2012-03-23	05:00:00"	3.6959	30.437	43.489	72.56	0.13927	26.426	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-23	06:00:00"	6.1267	340.95	39.353	79.922	0.15199	26.435	0
"2012-03-23	07:00:00"	5.3985	342.69	38.016	82.596	0.17976	26.447	0
"2012-03-23	08:00:00"	5.2301	340.13	37.017	84.728	2.711	26.459	0
"2012-03-23	09:00:00"	5.506	49.424	41.309	78.979	111.29	26.483	0
"2012-03-23	10:00:00"	7.2601	107.93	49.243	62.14	340.56	26.497	0
"2012-03-23	11:00:00"	8.6339	124.69	55.197	46.768	582.76	26.494	0
"2012-03-23	12:00:00"	6.4225	141.98	59.816	38.222	786.21	26.485	0
"2012-03-23	13:00:00"	5.5588	177.03	64.19	31.329	931.71	26.474	0
"2012-03-23	14:00:00"	5.3003	249.18	70.636	23.045	1003.1	26.456	0
"2012-03-23	15:00:00"	4.984	271.83	74.796	18.577	996.55	26.435	0
"2012-03-23	16:00:00"	4.3757	239.6	77.989	15.918	914.53	26.412	0
"2012-03-23	17:00:00"	5.2518	211.2	80.636	13.155	765.65	26.397	0
"2012-03-23	18:00:00"	7.0681	265.17	82.836	10.389	563.77	26.385	0
"2012-03-23	19:00:00"	5.4637	248.94	82.957	9.2039	327.93	26.382	0
"2012-03-23	20:00:00"	3.871	64.967	79.966	12.786	102.12	26.385	0
"2012-03-23	21:00:00"	5.9353	70.149	70.645	22.681	1.419	26.397	0
"2012-03-23	22:00:00"	6.8003	75.172	66.869	26.644	0.08712	26.409	0
"2012-03-23	23:00:00"	7.7814	93.018	62.054	33.139	0.11447	26.426	0
"2012-03-24	00:00:00"	6.735	105.72	59.584	38.491	0.16216	26.435	0
"2012-03-24	01:00:00"	9.6009	110.17	60.43	39.397	0.13212	26.435	0
"2012-03-24	02:00:00"	10.844	118.46	60.24	45.119	0.1115	26.435	0
"2012-03-24	03:00:00"	8.1592	122.94	58.18	51.644	0.1168	26.432	0
"2012-03-24	04:00:00"	4.8703	113.7	55.521	59.981	0.13228	26.426	0
"2012-03-24	05:00:00"	2.7875	110.35	52.333	66.501	0.11892	26.418	0
"2012-03-24	06:00:00"	1.8287	56.993	50.703	67.815	0.12613	26.423	0
"2012-03-24	07:00:00"	1.8038	222.66	52.841	59.516	0.1204	26.447	0
"2012-03-24	08:00:00"	3.5493	217.01	55.632	52.237	3.0559	26.459	0
"2012-03-24	09:00:00"	3.0572	222.22	57.024	47.6	116.35	26.471	0
"2012-03-24	10:00:00"	5.0884	219.58	61.743	43.909	347.63	26.483	0
"2012-03-24	11:00:00"	7.6634	221.43	66.352	39.934	587.36	26.483	0
"2012-03-24	12:00:00"	6.4038	230.43	74.55	27.363	791.35	26.48	0
"2012-03-24	13:00:00"	7.055	216.7	80.771	14.673	933.84	26.465	0
"2012-03-24	14:00:00"	7.0401	247.4	84.18	10.552	1004.2	26.45	0
"2012-03-24	15:00:00"	6.0758	260.36	86.023	9.9175	994.85	26.429	0
"2012-03-24	16:00:00"	7.513	228.02	87.585	8.63	912.07	26.409	0
"2012-03-24	17:00:00"	6.7127	233.93	88.345	8.3161	762.76	26.4	0
"2012-03-24	18:00:00"	8.1288	218.49	88.064	8.6019	559.53	26.4	0
"2012-03-24	19:00:00"	6.5151	222.71	87.651	8.0569	323.06	26.397	0
"2012-03-24	20:00:00"	5.1102	214.85	85.471	8.4964	98.871	26.4	0
"2012-03-24	21:00:00"	2.9857	171.98	77.265	11.72	1.465	26.406	0
"2012-03-24	22:00:00"	5.1624	135.49	75.388	13.563	0.10663	26.423	0
"2012-03-24	23:00:00"	5.3581	140.48	74.097	13.554	0.13143	26.435	0
"2012-03-25	00:00:00"	5.5085	151.6	72.645	14.435	0.14393	26.441	0
"2012-03-25	01:00:00"	4.6249	167.79	66.738	20.227	0.11489	26.441	0
"2012-03-25	02:00:00"	5.7477	177.59	65.183	26.981	0.12867	26.438	0
"2012-03-25	03:00:00"	3.6568	179.91	62.014	35.109	0.13545	26.441	0
"2012-03-25	04:00:00"	5.8191	186.72	61.775	43.606	0.1363	0	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-25	05:00:00"	3.397	174.33	59.322	54.526	0.08288	26.435	0
"2012-03-25	06:00:00"	3.443	172.14	58.188	66.815	0.1291	26.438	0
"2012-03-25	07:00:00"	2.5756	150.92	57.021	73.676	0.08691	26.45	0
"2012-03-25	08:00:00"	1.7572	159.03	55.508	78.644	3.818	26.465	0
"2012-03-25	09:00:00"	1.4559	82.891	56.884	78.458	126.3	26.48	0
"2012-03-25	10:00:00"	7.403	154.84	63.619	67.953	353.72	26.494	0
"2012-03-25	11:00:00"	8.3015	159.5	68.562	55.647	559.57	26.5	0
"2012-03-25	12:00:00"	10.197	152.05	73.51	43.854	776.16	26.488	0
"2012-03-25	13:00:00"	16.461	165.44	80.284	26.665	910.85	26.474	0
"2012-03-25	14:00:00"	20.172	169.56	83.585	16.569	987.86	26.453	0
"2012-03-25	15:00:00"	17.872	152.02	84.872	15.589	980.88	26.438	0
"2012-03-25	16:00:00"	16.07	149.41	85.26	14.326	900.92	26.415	0
"2012-03-25	17:00:00"	14.937	147.4	85.866	14.098	744.22	26.4	0
"2012-03-25	18:00:00"	14.856	144.2	85.735	14.503	538.23	26.382	0
"2012-03-25	19:00:00"	15.702	136.86	84.352	16.628	269.5	26.376	0
"2012-03-25	20:00:00"	14.932	134.28	81.806	17.596	96.498	26.391	0
"2012-03-25	21:00:00"	12.054	133.57	77.145	21.237	1.0396	26.403	0
"2012-03-25	22:00:00"	11.203	137.55	73.338	24.938	0.09921	26.426	0
"2012-03-25	23:00:00"	11.468	137.53	70.41	25.997	0.09306	26.438	0
"2012-03-26	00:00:00"	11.328	134.89	67.827	28.698	0.11489	26.438	0
"2012-03-26	01:00:00"	9.1689	136.49	65.671	32.181	0.1327	26.435	0
"2012-03-26	02:00:00"	6.6978	142.97	62.999	35.49	0.10684	26.432	0
"2012-03-26	03:00:00"	8.094	153.22	61.582	37.803	0.10981	26.429	0
"2012-03-26	04:00:00"	9.8848	140.92	61.356	43.106	0.10557	26.42	0
"2012-03-26	05:00:00"	8.8173	154.39	60.125	51.28	0.12274	26.429	0
"2012-03-26	06:00:00"	10.406	164.92	60.434	60.435	0.12358	26.418	0
"2012-03-26	07:00:00"	13.356	143.98	60.482	66.418	0.12507	26.423	0
"2012-03-26	08:00:00"	10.484	141.9	58.992	74.253	4.4213	26.426	0
"2012-03-26	09:00:00"	9.8624	148.68	58.121	77.352	75.088	26.441	0
"2012-03-26	10:00:00"	15.747	162.19	61.776	74.882	240.21	26.429	0
"2012-03-26	11:00:00"	18.549	163.35	65.589	66.243	480.21	26.45	0
"2012-03-26	12:00:00"	15.606	182.83	69.002	56.408	588.57	26.435	0
"2012-03-26	13:00:00"	15.575	174.87	73.262	46.309	859.2	26.415	0
"2012-03-26	14:00:00"	14.523	176.84	76.155	40.242	894.2	26.391	0
"2012-03-26	15:00:00"	13.396	181.1	78.525	34.621	947.85	26.361	0
"2012-03-26	16:00:00"	13.67	189.21	80.841	29.815	803.55	26.338	0
"2012-03-26	17:00:00"	13.793	174.43	81.348	29.196	716.48	26.32	0
"2012-03-26	18:00:00"	11.813	174.16	81.886	29.313	523.02	26.314	0
"2012-03-26	19:00:00"	13.147	156.83	80.728	32.934	200.16	26.314	0
"2012-03-26	20:00:00"	13.363	142.35	78.051	38.033	67.162	26.323	0
"2012-03-26	21:00:00"	12.347	151.17	74.745	42.932	1.1932	26.341	0
"2012-03-26	22:00:00"	11.592	156.63	71.51	51.721	0.08564	26.361	0
"2012-03-26	23:00:00"	4.5751	155.31	67.969	59.369	0.12062	26.385	0
"2012-03-27	00:00:00"	6.4536	166.89	65.698	64.227	0.10387	26.394	0
"2012-03-27	01:00:00"	8.8657	194.01	64.126	66.912	0.10769	26.388	0
"2012-03-27	02:00:00"	4.6547	209.91	61.99	77.24	0.11553	26.394	0
"2012-03-27	03:00:00"	5.7868	214.49	60.757	82.422	0.11701	26.388	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-27	04:00:00"	5.9944	225.46	58.955	83.847	0.08606	26.382	0
"2012-03-27	05:00:00"	5.0045	211.99	58.698	83.883	0.08437	26.388	0
"2012-03-27	06:00:00"	3.8233	230.4	58.143	88.234	0.07207	26.4	0
"2012-03-27	07:00:00"	4.5186	203.77	59.074	87.997	0.05872	26.403	0
"2012-03-27	08:00:00"	4.3664	215.1	58.1	89.647	3.1524	26.409	0
"2012-03-27	09:00:00"	3.0864	241.26	55.963	91.979	124.89	26.42	0
"2012-03-27	10:00:00"	4.193	233.11	60.415	84.848	347.46	26.435	0
"2012-03-27	11:00:00"	6.2249	244.07	68.015	56.248	585.23	26.45	0
"2012-03-27	12:00:00"	7.7752	314.97	76.028	22.061	796.19	26.453	0
"2012-03-27	13:00:00"	6.6021	336.22	79.556	10.942	943.22	26.447	0
"2012-03-27	14:00:00"	5.4196	284.08	82.4	9.04	1011.5	26.432	0
"2012-03-27	15:00:00"	6.4014	336.46	83.403	8.185	1003.4	26.412	0
"2012-03-27	16:00:00"	5.8788	280.88	85.331	7.1853	919.83	26.391	0
"2012-03-27	17:00:00"	5.2139	260.74	86.243	6.847	769.51	26.37	0
"2012-03-27	18:00:00"	6.8251	300.27	86.353	6.5031	576.04	26.373	0
"2012-03-27	19:00:00"	4.426	198.3	85.996	6.2833	421.48	26.37	0
"2012-03-27	20:00:00"	7.5242	183.08	84.268	7.6089	154.44	26.367	0
"2012-03-27	21:00:00"	9.0826	172.6	77.725	14.605	3.9668	26.394	0
"2012-03-27	22:00:00"	12.928	191.78	71.971	26.161	0.08543	26.429	0
"2012-03-27	23:00:00"	12.513	193.87	68.878	30.559	0.11002	26.438	0
"2012-03-28	00:00:00"	8.4457	200.6	66.138	33.95	0.11977	26.426	0
"2012-03-28	01:00:00"	7.1288	202.17	63.476	39.429	0.10917	26.423	0
"2012-03-28	02:00:00"	7.1949	191.57	61.812	45.751	0.11532	26.415	0
"2012-03-28	03:00:00"	4.0582	216.09	59.494	50.36	0.14203	26.406	0
"2012-03-28	04:00:00"	5.0636	204.99	58.764	53.819	0.12231	26.412	0
"2012-03-28	05:00:00"	7.6727	196.1	57.618	58.911	0.1204	26.415	0
"2012-03-28	06:00:00"	7.8972	184.76	56.391	63.012	0.1062	26.423	0
"2012-03-28	07:00:00"	6.3162	181.77	54.849	65.827	0.11765	26.429	0
"2012-03-28	08:00:00"	5.163	180.88	54.242	68.172	2.7617	26.435	0
"2012-03-28	09:00:00"	5.5283	179.25	54.575	70.004	91.775	26.444	0
"2012-03-28	10:00:00"	11.557	190.05	60.17	62.721	330.38	26.456	0
"2012-03-28	11:00:00"	11.243	190.98	65.952	50.364	551.84	26.465	0
"2012-03-28	12:00:00"	7.3378	211.88	70.809	39.786	753.4	26.459	0
"2012-03-28	13:00:00"	3.8345	211.73	77.587	27.38	923.87	26.444	0
"2012-03-28	14:00:00"	4.4751	200.83	80.184	19.169	1002.8	26.418	0
"2012-03-28	15:00:00"	5.6626	194.33	82.715	14.529	999.05	26.388	0
"2012-03-28	16:00:00"	7.2545	187.48	84.129	12.658	913.81	26.361	0
"2012-03-28	17:00:00"	9.0347	161.81	84.3	12.055	766.02	26.338	0
"2012-03-28	18:00:00"	9.1907	174.93	84.736	11.085	562.99	26.32	0
"2012-03-28	19:00:00"	7.8634	177.59	84.096	11.303	318.83	26.314	0
"2012-03-28	20:00:00"	7.861	166.43	82.29	12.405	101.03	26.317	0
"2012-03-28	21:00:00"	6.9047	161.5	76.761	15.586	1.9962	26.329	0
"2012-03-28	22:00:00"	12.429	155.38	73.108	26.046	0.07886	26.358	0
"2012-03-28	23:00:00"	15.932	165.56	71.539	38.68	0.11087	26.37	0
"2012-03-29	00:00:00"	15.227	175.59	69.117	46.842	0.10472	26.379	0
"2012-03-29	01:00:00"	11.665	189.54	66.84	52.626	0.10811	26.376	0
"2012-03-29	02:00:00"	10.025	191.13	64.537	58.537	0.11002	26.364	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-29	03:00:00"	5.3755	171.21	60.672	66.811	0.12825	26.358	0
"2012-03-29	04:00:00"	8.46	171.1	59.479	71.963	0.11171	26.344	0
"2012-03-29	05:00:00"	9.6691	178.24	58.394	81.446	0.09454	26.341	0
"2012-03-29	06:00:00"	9.0577	189.93	57.844	87.262	0.09094	26.335	0
"2012-03-29	07:00:00"	7.3421	203.66	57.037	90.648	0.06296	26.338	0
"2012-03-29	08:00:00"	7.5391	216.79	56.177	92.569	2.2578	26.347	0
"2012-03-29	09:00:00"	5.7564	227.24	55.443	93.113	84.499	26.361	0
"2012-03-29	10:00:00"	5.4705	232.09	57.235	86.378	292.22	26.37	0
"2012-03-29	11:00:00"	6.9631	256.54	69.283	40.644	582.62	26.376	0
"2012-03-29	12:00:00"	9.4094	301.08	78.094	16.992	802.29	26.37	0
"2012-03-29	13:00:00"	9.8649	310.32	82.564	8.7731	933.64	26.358	0
"2012-03-29	14:00:00"	9.3902	310.61	84.719	6.8864	1018.9	26.338	0
"2012-03-29	15:00:00"	11.943	290.88	86.335	6.7083	1026.6	26.314	0
"2012-03-29	16:00:00"	10.284	282.46	86.893	6.1753	925.35	26.285	0
"2012-03-29	17:00:00"	9.5989	269.24	86.588	6.3861	657.51	26.264	0
"2012-03-29	18:00:00"	8.8253	265.9	86.24	7.2236	459.03	26.255	0
"2012-03-29	19:00:00"	6.7002	268.77	85.235	7.5545	248.07	26.255	0
"2012-03-29	20:00:00"	4.5273	252.81	83.77	8.3275	118.47	26.261	0
"2012-03-29	21:00:00"	2.0636	250.8	76.926	10.768	2.5088	26.261	0
"2012-03-29	22:00:00"	2.1152	231.15	72.565	11.994	0.08903	26.285	0
"2012-03-29	23:00:00"	3.8109	222.72	68.555	15.065	0.09772	26.296	0
"2012-03-30	00:00:00"	5.6315	213.41	67.588	18.748	0.09921	26.305	0
"2012-03-30	01:00:00"	4.4695	237.08	66.522	18.284	0.09433	26.296	0
"2012-03-30	02:00:00"	2.4613	260.36	60.954	19.892	0.12252	26.291	0
"2012-03-30	03:00:00"	3.4797	279.55	58.664	21.141	0.15051	26.279	0
"2012-03-30	04:00:00"	1.367	326.07	52.721	18.664	0.12464	26.291	0
"2012-03-30	05:00:00"	3.1702	240.62	60.813	11.316	0.12867	26.296	0
"2012-03-30	06:00:00"	4.1352	195.5	55.278	21.839	0.13948	26.308	0
"2012-03-30	07:00:00"	3.9246	239.4	54.181	34.728	0.13588	26.326	0
"2012-03-30	08:00:00"	5.2866	320.72	45.846	28.92	6.4319	26.335	0
"2012-03-30	09:00:00"	6.1733	312.59	54.057	15.839	135.31	26.356	0
"2012-03-30	10:00:00"	9.3939	300.14	60.305	12.589	372.67	26.37	0
"2012-03-30	11:00:00"	7.1048	306.99	69.206	13.692	611.43	26.37	0
"2012-03-30	12:00:00"	7.6012	305.84	76.412	12.584	814.22	26.367	0
"2012-03-30	13:00:00"	6.6077	307.53	80.931	9.9133	959.13	26.353	0
"2012-03-30	14:00:00"	7.9156	300.81	84.031	7.9269	1024.6	26.332	0
"2012-03-30	15:00:00"	10.812	283.38	85.581	6.9167	1018.6	26.311	0
"2012-03-30	16:00:00"	9.9929	289.4	86.121	5.8711	932.42	26.291	0
"2012-03-30	17:00:00"	10.876	290.56	86.35	5.0686	781.12	26.288	0
"2012-03-30	18:00:00"	9.9003	296.27	86.265	5.2719	572.1	26.282	0
"2012-03-30	19:00:00"	9.4361	286.66	85.41	5.5131	335.46	26.285	0
"2012-03-30	20:00:00"	6.8121	291.74	83.193	5.9022	107.04	26.288	0
"2012-03-30	21:00:00"	0.85439	262.13	75.807	7.7844	2.1584	26.299	0
"2012-03-30	22:00:00"	1.2396	41.771	70.126	9.8581	0.12337	26.314	0
"2012-03-30	23:00:00"	2.5458	168.69	70.941	9.7047	0.12528	26.32	0
"2012-03-31	00:00:00"	3.3113	197.65	69.249	10.61	0.11383	26.332	0
"2012-03-31	01:00:00"	2.1531	322.75	63.762	13.711	0.08225	26.323	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-03-31	02:00:00"	2.1232	328.79	59.558	16.056	0.15771	26.32	0
"2012-03-31	03:00:00"	4.8896	309.39	60.287	15.328	0.09772	26.311	0
"2012-03-31	04:00:00"	4.7286	311.69	58.843	15.999	0.14902	26.302	0
"2012-03-31	05:00:00"	6.4672	319.61	57.929	17.161	0.12888	26.299	0
"2012-03-31	06:00:00"	8.4631	323.03	57.238	17.989	0.12231	26.311	0
"2012-03-31	07:00:00"	6.0466	340.32	55.772	20.261	0.12507	26.329	0
"2012-03-31	08:00:00"	4.8877	356.91	51.787	25.838	5.7268	26.347	0
"2012-03-31	09:00:00"	5.3581	350.51	58.149	21.18	135.47	26.367	0
"2012-03-31	10:00:00"	6.059	327.07	70.633	13.42	375.49	26.376	0
"2012-03-31	11:00:00"	3.1243	283.81	79.482	9.6989	612.47	26.385	0
"2012-03-31	12:00:00"	6.0055	228.75	82.493	8.7522	813.71	26.382	0
"2012-03-31	13:00:00"	6.6754	217.93	84.366	7.9639	954.86	26.364	0
"2012-03-31	14:00:00"	6.2417	223.9	86.786	6.7795	1025.3	26.347	0
"2012-03-31	15:00:00"	6.5617	214.75	87.799	6.4195	1019.8	26.323	0
"2012-03-31	16:00:00"	6.9929	234.37	89.021	5.9739	931.5	26.299	0
"2012-03-31	17:00:00"	7.677	211.03	88.769	5.7869	771.9	26.288	0
"2012-03-31	18:00:00"	8.555	222.28	89.294	5.4045	572.96	26.273	0
"2012-03-31	19:00:00"	8.3506	220.85	88.657	5.4075	338.24	26.273	0
"2012-03-31	20:00:00"	6.2435	214.13	86.764	5.9869	112.31	26.27	0
"2012-03-31	21:00:00"	3.6201	175.6	79.551	8.595	2.5756	26.27	0
"2012-03-31	22:00:00"	4.6528	173.93	74.174	10.715	0.10429	26.285	0
"2012-03-31	23:00:00"	4.4024	208.83	72.689	10.895	0.13122	26.294	0
"2012-04-01	00:00:00"	4.3471	216.87	72.069	10.828	0.1151	26.276	0
"2012-04-01	01:00:00"	5.9664	270.38	70.086	10.981	0.11065	26.267	0
"2012-04-01	02:00:00"	5.9558	280.56	69.079	11.069	0.11701	26.258	0
"2012-04-01	03:00:00"	2.6893	288	65.446	12.351	0.10896	26.246	0
"2012-04-01	04:00:00"	1.5162	233.39	62.357	13.585	0.09136	26.237	0
"2012-04-01	05:00:00"	4.7038	194.8	61.6	13.982	0.12125	26.229	0
"2012-04-01	06:00:00"	6.9009	189.22	60.196	14.911	0.10196	26.232	0
"2012-04-01	07:00:00"	5.4382	192.04	57.984	17.204	0.12422	26.232	0
"2012-04-01	08:00:00"	5.094	181	55.256	19.549	8.7448	26.24	0
"2012-04-01	09:00:00"	5.5725	193.33	56.148	20.031	144.83	26.255	0
"2012-04-01	10:00:00"	4.7119	221.83	62.595	15.659	385.07	26.258	0
"2012-04-01	11:00:00"	5.8968	227.31	70.857	12.431	625.36	26.258	0
"2012-04-01	12:00:00"	11.397	272.94	81.69	8.2617	826.24	26.246	0
"2012-04-01	13:00:00"	10.253	276.4	85.097	6.6311	968.5	26.229	0
"2012-04-01	14:00:00"	13.136	226.1	86.883	5.9031	1038.1	26.196	0
"2012-04-01	15:00:00"	18.233	223.4	87.36	5.8906	1028	26.172	0
"2012-04-01	16:00:00"	20.874	220.2	88.143	4.9356	941.43	26.146	0
"2012-04-01	17:00:00"	19.049	229.07	88.143	4.0725	793.9	26.128	0
"2012-04-01	18:00:00"	18.374	226.19	87.445	3.4961	589.9	26.116	0
"2012-04-01	19:00:00"	13.943	230.9	86.524	3.5692	348.04	26.107	0
"2012-04-01	20:00:00"	12.938	227.11	84.319	3.8539	117.25	26.096	0
"2012-04-01	21:00:00"	8.8651	206	79.748	4.3152	3.4256	26.099	0
"2012-04-01	22:00:00"	7.2862	215.03	74.407	5.1639	0.11129	26.102	0
"2012-04-01	23:00:00"	4.1849	260.57	69.672	6.6672	0.10281	26.099	0
"2012-04-02	00:00:00"	2.2661	312.57	66.702	8.0169	0.10578	26.081	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-02	01:00:00"	1.2728	348.61	60.144	10.133	0.12557	26.075	0
"2012-04-02	02:00:00"	6.2069	165.98	64.18	8.8339	0.10641	26.084	0
"2012-04-02	03:00:00"	5.6545	172.76	63.454	18.497	0.1238	26.075	0
"2012-04-02	04:00:00"	6.919	162.08	59.746	47.352	0.0903	26.075	0
"2012-04-02	05:00:00"	6.1242	195.36	58.655	52.084	0.14393	26.078	0
"2012-04-02	06:00:00"	2.8944	202.75	56.067	53.472	0.11553	26.09	0
"2012-04-02	07:00:00"	2.4755	243.55	54.429	56.814	0.11277	26.102	0
"2012-04-02	08:00:00"	2.2332	291.28	52.492	56.803	7.2857	26.105	0
"2012-04-02	09:00:00"	4.2744	283.58	56.517	31.186	146.68	26.107	0
"2012-04-02	10:00:00"	9.3373	269.75	67.343	19.222	387.69	26.11	0
"2012-04-02	11:00:00"	13.88	272.57	70.109	18.809	625.74	26.11	0
"2012-04-02	12:00:00"	13.244	260.19	71.257	17.772	824.67	26.107	0
"2012-04-02	13:00:00"	14.333	244.56	72.385	15.619	962.96	26.09	0
"2012-04-02	14:00:00"	18.862	233.18	72.777	12.829	1032.2	26.099	0
"2012-04-02	15:00:00"	20.665	235.73	71.812	12.409	1017.7	26.11	0
"2012-04-02	16:00:00"	20.021	244.19	71.44	11.701	921.18	26.107	0
"2012-04-02	17:00:00"	22.316	257.23	69.924	9.7345	776.71	26.116	0
"2012-04-02	18:00:00"	18.988	257.23	69.242	8.5872	574.38	26.113	0
"2012-04-02	19:00:00"	15.897	273.84	67.976	8.7147	329.11	26.125	0
"2012-04-02	20:00:00"	14.354	284.82	65.535	9.5764	108.3	26.128	0
"2012-04-02	21:00:00"	9.9631	295.69	61.835	10.05	3.0419	26.143	0
"2012-04-02	22:00:00"	7.9653	300.69	58.573	10.64	0.10302	26.172	0
"2012-04-02	23:00:00"	2.4128	336.3	54.044	11.815	0.13228	26.205	0
"2012-04-03	00:00:00"	4.1644	312.97	52.348	12.912	0.14923	26.202	0
"2012-04-03	01:00:00"	4.93	316.4	48.66	16.032	0.15941	26.229	0
"2012-04-03	02:00:00"	3.1709	303.01	45.385	20.011	0.16768	26.243	0
"2012-04-03	03:00:00"	4.4092	306.12	44.548	22.967	0.17276	26.237	0
"2012-04-03	04:00:00"	7.047	306.96	44.986	26.005	0.14923	26.24	0
"2012-04-03	05:00:00"	5.3189	301.21	42.285	29.749	0.16089	26.249	0
"2012-04-03	06:00:00"	4.1762	303	42.145	33.095	0.18039	26.258	0
"2012-04-03	07:00:00"	5.25	302.32	39.649	37.691	0.12464	26.285	0
"2012-04-03	08:00:00"	5.5805	295.49	42.232	42.934	6.5924	26.305	0
"2012-04-03	09:00:00"	6.0459	317.08	44.054	43.199	153.15	26.335	0
"2012-04-03	10:00:00"	10.74	285.01	51.884	30.857	396.5	26.344	0
"2012-04-03	11:00:00"	13.839	277	56.446	27.811	628.39	26.353	0
"2012-04-03	12:00:00"	14.879	278.09	58.171	31.064	825.08	26.364	0
"2012-04-03	13:00:00"	15.568	276.68	60.56	28.883	964.23	26.364	0
"2012-04-03	14:00:00"	17.436	288.26	62.014	26.146	1035.2	26.353	0
"2012-04-03	15:00:00"	16.139	286.8	63.361	25.842	1023.7	26.344	0
"2012-04-03	16:00:00"	15.961	294.35	65.135	22.979	937.63	26.338	0
"2012-04-03	17:00:00"	15.084	294.28	66.067	21.067	783.43	26.338	0
"2012-04-03	18:00:00"	15.347	301.68	66.19	20.893	573.73	26.338	0
"2012-04-03	19:00:00"	12.483	303.69	65.581	22.218	334.53	26.344	0
"2012-04-03	20:00:00"	11.289	324.43	63.675	24.71	102.88	26.356	0
"2012-04-03	21:00:00"	7.5838	337.7	58.883	28.773	3.0447	26.37	0
"2012-04-03	22:00:00"	4.9442	356.61	54.058	34.28	0.0831	26.397	0
"2012-04-03	23:00:00"	5.0921	354.55	50.238	39.048	0.11744	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-04	00:00:00"	7.1973	356.63	50.947	39.203	0.16132	26.406	0
"2012-04-04	01:00:00"	9.1025	355.53	48.412	45.734	0.14351	26.412	0
"2012-04-04	02:00:00"	10.343	358.33	46.595	54.055	0.13058	26.412	0
"2012-04-04	03:00:00"	10.565	353.97	44.445	62.551	0.12337	26.412	0
"2012-04-04	04:00:00"	10.286	343.85	41.955	71.677	0.11828	26.418	0
"2012-04-04	05:00:00"	9.0024	337.21	41.647	75.475	0.12189	26.415	0
"2012-04-04	06:00:00"	4.7796	305.43	40.486	76.762	0.15178	26.403	0
"2012-04-04	07:00:00"	4.2682	256.72	39.694	77.635	0.13461	26.403	0
"2012-04-04	08:00:00"	4.4944	299.89	36.95	81.686	10.33	26.406	0
"2012-04-04	09:00:00"	2.337	318.02	42.49	73.078	153.93	26.429	0
"2012-04-04	10:00:00"	2.9552	204.2	49.695	55.99	391.74	26.438	0
"2012-04-04	11:00:00"	6.2647	226.21	53.554	47.564	627.37	26.432	0
"2012-04-04	12:00:00"	9.7064	220.71	57.451	41.296	827.2	26.412	0
"2012-04-04	13:00:00"	10.501	222.67	61.667	34.265	969.16	26.397	0
"2012-04-04	14:00:00"	10.709	230.92	66.676	26.353	1040	26.364	0
"2012-04-04	15:00:00"	10.526	260.01	70.69	20.875	1030.1	26.335	0
"2012-04-04	16:00:00"	12.298	286.75	73.505	15.83	946.39	26.317	0
"2012-04-04	17:00:00"	12.821	296.41	74.579	14.987	790.52	26.288	0
"2012-04-04	18:00:00"	11.028	289.53	75.625	14.761	585.93	26.276	0
"2012-04-04	19:00:00"	9.3038	294.69	76.169	13.677	350.05	26.276	0
"2012-04-04	20:00:00"	7.5789	295.36	75.007	13.901	122.75	26.279	0
"2012-04-04	21:00:00"	1.6864	284.96	69.275	17.151	2.5497	26.291	0
"2012-04-04	22:00:00"	1.8579	216.82	65.902	19.026	0.09369	26.314	0
"2012-04-04	23:00:00"	2.127	338.88	59.737	23.459	0.12486	26.332	0
"2012-04-05	00:00:00"	1.8815	321.52	59.516	24.765	0.15792	26.323	0
"2012-04-05	01:00:00"	1.7394	340.73	58.371	25.137	0.12641	26.326	0
"2012-04-05	02:00:00"	4.6286	118.45	57.164	26.939	0.12274	26.323	0
"2012-04-05	03:00:00"	6.7133	106.79	56.769	30.058	0.12358	26.308	0
"2012-04-05	04:00:00"	6.8226	106.81	55.468	34.264	0.10959	26.299	0
"2012-04-05	05:00:00"	5.2276	54.842	50.901	40.422	0.1204	26.296	0
"2012-04-05	06:00:00"	5.6085	11.186	47.393	45.578	0.16047	26.305	0
"2012-04-05	07:00:00"	5.9857	2.1819	44.833	51.174	0.15072	26.317	0
"2012-04-05	08:00:00"	6.0577	1.994	43.701	54.856	13.697	26.338	0
"2012-04-05	09:00:00"	7.2812	64.157	49.697	47.407	165.13	26.364	0
"2012-04-05	10:00:00"	8.4413	101.36	57.177	37.238	403.87	26.364	0
"2012-04-05	11:00:00"	5.5066	105.8	62.914	29.146	642.23	26.373	0
"2012-04-05	12:00:00"	3.8854	144.8	69.058	20.922	829.5	26.37	0
"2012-04-05	13:00:00"	2.7987	143.08	75.495	14.133	979.86	26.358	0
"2012-04-05	14:00:00"	5.9782	184.62	79.338	11.846	1022.7	26.341	0
"2012-04-05	15:00:00"	7.5956	204.78	82.511	10.221	966.53	26.317	0
"2012-04-05	16:00:00"	6.0863	221.85	85.209	8.3731	923.74	26.291	0
"2012-04-05	17:00:00"	7.3465	210.99	86.578	7.0781	764.02	26.276	0
"2012-04-05	18:00:00"	8.2947	198.39	86.977	6.3211	572.95	26.264	0
"2012-04-05	19:00:00"	6.6176	202.79	86.639	6.0497	340.31	26.261	0
"2012-04-05	20:00:00"	7.7317	171.98	83.87	6.7769	76.58	26.27	0
"2012-04-05	21:00:00"	7.385	141.29	78.582	9.2506	2.8416	26.282	0
"2012-04-05	22:00:00"	9.4256	139.88	75.382	10.805	0.08606	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-05	23:00:00"	10.089	109.25	69.826	15.438	0.10048	26.326	0
"2012-04-06	00:00:00"	13.976	111.78	68.987	25.442	0.11426	26.335	0
"2012-04-06	01:00:00"	13.715	112.8	66.358	31.949	0.13567	26.341	0
"2012-04-06	02:00:00"	12.973	115.87	64.025	38.881	0.11044	26.347	0
"2012-04-06	03:00:00"	13.414	121.52	62.037	46.339	0.1132	26.335	0
"2012-04-06	04:00:00"	10.944	116.45	59.839	53.071	0.10154	26.335	0
"2012-04-06	05:00:00"	7.1041	97.513	56.73	60.798	0.10048	26.338	0
"2012-04-06	06:00:00"	6.5679	70.016	53.7	66.456	0.092	26.344	0
"2012-04-06	07:00:00"	6.9587	65.724	51.51	70.253	0.10981	26.356	0
"2012-04-06	08:00:00"	7.9256	55.617	49.935	73.854	8.2452	26.37	0
"2012-04-06	09:00:00"	10.548	72.415	52.395	72.376	135.52	26.376	0
"2012-04-06	10:00:00"	11.668	101.45	59.105	62.779	392.74	26.391	0
"2012-04-06	11:00:00"	11.581	130.16	65.695	52.321	626.44	26.4	0
"2012-04-06	12:00:00"	11.99	163.55	70.283	44.87	812.11	26.4	0
"2012-04-06	13:00:00"	10.402	177.08	75.724	31.914	956.06	26.382	0
"2012-04-06	14:00:00"	7.9442	194.84	79.917	20.449	1047.8	26.364	0
"2012-04-06	15:00:00"	5.9422	225.94	83.168	14.11	1018.1	26.347	0
"2012-04-06	16:00:00"	8.7675	203.04	83.839	11.804	725.78	26.329	0
"2012-04-06	17:00:00"	9.3168	198.5	85.085	10.194	705.15	26.311	0
"2012-04-06	18:00:00"	12.194	206.38	85.837	7.0039	574.18	26.311	0
"2012-04-06	19:00:00"	11.855	215.76	84.768	5.8025	257.44	26.317	0
"2012-04-06	20:00:00"	10.614	219.06	83.391	5.4242	127.8	26.326	0
"2012-04-06	21:00:00"	6.6344	189.58	78.446	6.537	6.7954	26.344	0
"2012-04-06	22:00:00"	5.9577	191.2	75.09	7.0228	0.10811	26.367	0
"2012-04-06	23:00:00"	7.6118	184.38	72.601	9.915	0.10366	26.394	0
"2012-04-07	00:00:00"	11.366	180.51	70.108	47.707	0.10853	26.406	0
"2012-04-07	01:00:00"	10.286	188	68.47	59.171	0.10005	26.415	0
"2012-04-07	02:00:00"	8.611	192.31	67.464	64.372	0.09412	26.429	0
"2012-04-07	03:00:00"	6.6039	199.65	65.809	69.006	0.09942	26.429	0
"2012-04-07	04:00:00"	7.9778	192.86	64.229	71.142	0.10175	26.426	0
"2012-04-07	05:00:00"	7.9927	193.82	63.595	70.878	0.09899	26.432	0
"2012-04-07	06:00:00"	6.9438	199.12	62.998	70.048	0.09793	26.444	0
"2012-04-07	07:00:00"	5.263	203.41	61.7	70.637	0.1168	26.462	0
"2012-04-07	08:00:00"	3.4107	196.14	60.026	74.227	9.6347	26.477	0
"2012-04-07	09:00:00"	2.8832	224.53	60.531	71.727	110.97	26.509	0
"2012-04-07	10:00:00"	4.7802	226.17	63.207	65.586	267.26	26.527	0
"2012-04-07	11:00:00"	5.9036	246.69	68.302	53.437	551.44	26.542	0
"2012-04-07	12:00:00"	9.8667	326.85	73.643	30.873	747.14	26.547	0
"2012-04-07	13:00:00"	13.881	359.88	76.368	19.776	758.72	26.559	0
"2012-04-07	14:00:00"	18.47	21.482	75.488	17.857	736.34	26.568	0
"2012-04-07	15:00:00"	17.655	30.432	74.211	28.625	910.61	26.562	0
"2012-04-07	16:00:00"	15.636	35.968	74.282	30.502	461.08	26.553	0
"2012-04-07	17:00:00"	16.725	24.953	73.085	34.957	375.78	26.559	0
"2012-04-07	18:00:00"	16.383	28.835	72.72	34.782	209.14	26.553	0
"2012-04-07	19:00:00"	18.992	29.89	69.799	36.779	147.73	26.565	0
"2012-04-07	20:00:00"	18.983	32.657	67.228	36.811	87.001	26.586	0
"2012-04-07	21:00:00"	19.105	50.73	63.802	36.484	2.959	26.615	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-07	22:00:00"	14.981	44.264	61.265	36.61	0.14817	26.666	0
"2012-04-07	23:00:00"	14.192	49.794	60.068	37.08	0.10938	26.683	0
"2012-04-08	00:00:00"	12.262	23.51	59.238	39.649	0.1327	26.707	0
"2012-04-08	01:00:00"	12.58	53.037	57.84	43.811	0.1188	26.695	0
"2012-04-08	02:00:00"	7.8734	25.77	55.598	52.474	0.11871	26.719	0
"2012-04-08	03:00:00"	9.5958	57.891	56.322	47.853	0.13461	26.686	0
"2012-04-08	04:00:00"	8.0598	48.805	55.522	50.259	0.12867	26.686	0
"2012-04-08	05:00:00"	4.7877	25.648	51.432	59.909	0.10599	26.692	0
"2012-04-08	06:00:00"	7.5403	342.89	48.289	64.902	0.13228	26.701	0
"2012-04-08	07:00:00"	9.7052	359.43	48.258	57.394	0.12337	26.704	0
"2012-04-08	08:00:00"	9.5983	3.1168	47.423	58.031	15.075	26.719	0
"2012-04-08	09:00:00"	9.5778	23.951	51.409	52.98	95.493	26.728	0
"2012-04-08	10:00:00"	10.684	49.576	55.221	53.214	150.53	26.742	0
"2012-04-08	11:00:00"	11.738	66.276	57.157	54.53	201.84	26.751	0
"2012-04-08	12:00:00"	8.8781	67.939	60.47	53.966	602.92	26.745	0
"2012-04-08	13:00:00"	4.4888	118.19	64.674	49.473	869.14	26.734	0
"2012-04-08	14:00:00"	4.1197	135.5	67.517	43.813	1049.3	26.704	0
"2012-04-08	15:00:00"	4.6503	289.86	70.111	39.673	1021.3	26.674	0
"2012-04-08	16:00:00"	4.866	147.37	72.644	35.836	921.31	26.642	0
"2012-04-08	17:00:00"	5.9975	148.63	73.73	34.372	764.95	26.621	0
"2012-04-08	18:00:00"	6.7183	175.73	74.618	32.187	569.02	26.609	0
"2012-04-08	19:00:00"	6.9761	169.62	74.598	30.521	339.73	26.598	0
"2012-04-08	20:00:00"	6.3038	141.52	74.112	31.923	100.71	26.586	0
"2012-04-08	21:00:00"	6.3181	136.44	71.729	36.274	3.9034	26.592	0
"2012-04-08	22:00:00"	7.6484	145.45	67.536	49.068	0.10027	26.601	0
"2012-04-08	23:00:00"	7.9113	152.17	64.615	57.959	0.11087	26.607	0
"2012-04-09	00:00:00"	7.9741	152.57	62.018	65.932	0.11171	26.615	0
"2012-04-09	01:00:00"	7.7252	148.13	60.649	71.966	0.12493	26.621	0
"2012-04-09	02:00:00"	8.1344	156.16	59.731	76.558	0.11087	26.615	0
"2012-04-09	03:00:00"	7.4962	155.64	59.83	77.907	0.13482	26.601	0
"2012-04-09	04:00:00"	6.2908	172.03	58.596	80.431	0.14033	26.589	0
"2012-04-09	05:00:00"	2.4016	132.35	56.702	83.218	0.1151	26.586	0
"2012-04-09	06:00:00"	0.81089	28.437	54.137	88.506	0.08479	26.571	0
"2012-04-09	07:00:00"	1.0918	24.364	53.249	90.301	0.09052	26.571	0
"2012-04-09	08:00:00"	0.72203	8.0342	51.205	90.105	8.3113	26.571	0
"2012-04-09	09:00:00"	2.6974	84.36	55.033	87.944	123.77	26.586	0
"2012-04-09	10:00:00"	9.5008	162.01	62.351	72.798	375.3	26.583	0
"2012-04-09	11:00:00"	10.822	186.74	66.924	60.874	548.37	26.592	0
"2012-04-09	12:00:00"	8.8073	182.5	69.624	55.085	672.52	26.592	0
"2012-04-09	13:00:00"	8.7011	171.58	72.513	48.426	794.57	26.565	0
"2012-04-09	14:00:00"	10.273	163.98	74.942	44.133	912.3	26.542	0
"2012-04-09	15:00:00"	11.641	163.05	78.157	37.722	900.28	26.521	0
"2012-04-09	16:00:00"	12.471	163.28	80.444	32.221	809.41	26.491	0
"2012-04-09	17:00:00"	10.817	172.2	80.565	31.905	648.98	26.465	0
"2012-04-09	18:00:00"	11.456	167.96	80.009	33.17	267.69	26.453	0
"2012-04-09	19:00:00"	10.674	163.02	78.633	37.071	66.476	26.447	0
"2012-04-09	20:00:00"	9.6834	172.18	77.003	40.465	8.2439	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-09	21:00:00"	12.084	159.95	70.235	57.126	0.17573	26.48	0
"2012-04-09	22:00:00"	16.573	161.02	68.31	64.401	0.10747	26.459	0
"2012-04-09	23:00:00"	15.315	164.71	66.802	66.408	0.09603	26.485	0
"2012-04-10	00:00:00"	8.7924	168.89	64.455	58.818	0.08225	26.494	0
"2012-04-10	01:00:00"	6.584	150.14	63.663	59.968	0.10853	26.494	0
"2012-04-10	02:00:00"	5.1213	127.68	63.098	58.04	0.12083	26.509	0
"2012-04-10	03:00:00"	4.815	149.76	61.55	60.925	0.12825	26.506	0
"2012-04-10	04:00:00"	7.9778	115.05	60.808	66.517	0.1274	26.497	0
"2012-04-10	05:00:00"	4.2626	98.112	58.458	76.167	0.11023	26.5	0
"2012-04-10	06:00:00"	4.9362	85.249	56.213	79.595	0.13736	26.503	0
"2012-04-10	07:00:00"	5.7104	88.948	55.731	78.324	0.08628	26.515	0
"2012-04-10	08:00:00"	5.9794	94.409	54.909	79.758	18.414	26.524	0
"2012-04-10	09:00:00"	5.3519	100.52	57.677	80.891	170.25	26.539	0
"2012-04-10	10:00:00"	7.5956	129.62	63.692	70.614	401.16	26.536	0
"2012-04-10	11:00:00"	8.404	156.74	67.748	58.579	627.7	26.542	0
"2012-04-10	12:00:00"	6.0907	164.85	71.112	48.207	818.31	26.539	0
"2012-04-10	13:00:00"	4.9604	161.25	75.1	39.132	957	26.524	0
"2012-04-10	14:00:00"	7.0979	165.17	78.187	28.813	956.62	26.506	0
"2012-04-10	15:00:00"	9.7176	158.28	79.95	27.362	1028.6	26.483	0
"2012-04-10	16:00:00"	10.82	163.09	81.241	26.524	957.28	26.456	0
"2012-04-10	17:00:00"	11.406	164.14	82.176	23.711	678.13	26.432	0
"2012-04-10	18:00:00"	11.379	168.72	82.506	22.568	568.97	26.432	0
"2012-04-10	19:00:00"	11.748	168.83	81.672	23.384	257.03	26.423	0
"2012-04-10	20:00:00"	12.315	161.99	79.728	26.593	70.465	26.426	0
"2012-04-10	21:00:00"	13.506	161.11	76.488	33.647	2.6599	26.447	0
"2012-04-10	22:00:00"	10.684	157.91	74.099	37.844	0.12189	26.462	0
"2012-04-10	23:00:00"	9.8394	160.07	71.935	41.926	0.11638	26.485	0
"2012-04-11	00:00:00"	7.5242	158.49	69.524	49.106	0.09857	26.497	0
"2012-04-11	01:00:00"	7.4198	169.64	68.166	56.06	0.11108	26.5	0
"2012-04-11	02:00:00"	8.432	171.6	66.707	65.676	0.10811	26.5	0
"2012-04-11	03:00:00"	6.9146	157.34	64.562	72.343	0.1132	26.48	0
"2012-04-11	04:00:00"	7.2147	136.72	62.828	75.302	0.09624	26.474	0
"2012-04-11	05:00:00"	6.4088	133.76	61.388	75.597	0.09666	26.48	0
"2012-04-11	06:00:00"	5.3264	119.87	60.312	74.036	0.08946	26.485	0
"2012-04-11	07:00:00"	3.1988	130.51	59.711	73.136	0.08649	26.524	0
"2012-04-11	08:00:00"	1.464	41.58	58.963	73.81	10.653	26.518	0
"2012-04-11	09:00:00"	4.3117	53.538	59.206	73.819	154.38	26.506	0
"2012-04-11	10:00:00"	6.42	112.29	63.787	60.067	275.95	26.518	0
"2012-04-11	11:00:00"	7.6634	117.89	66.283	55.76	352.25	26.503	0
"2012-04-11	12:00:00"	11.108	102.53	69.06	52.145	493.02	26.491	0
"2012-04-11	13:00:00"	13.43	124.87	72.877	46.353	664.15	26.471	0
"2012-04-11	14:00:00"	16.082	149.03	74.807	44.683	677.84	26.441	0
"2012-04-11	15:00:00"	16.734	152.98	76.525	42.689	844.23	26.426	0
"2012-04-11	16:00:00"	16.611	156.59	78.588	38.362	897.47	26.4	0
"2012-04-11	17:00:00"	15.371	150.2	78.391	36.057	594.79	26.382	0
"2012-04-11	18:00:00"	16.209	149.35	76.822	41.409	290.83	26.37	0
"2012-04-11	19:00:00"	18.532	151.8	72.948	52.206	75.411	26.367	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-11	20:00:00"	15.623	146.11	69.659	60.313	17.649	26.358	0
"2012-04-11	21:00:00"	14.006	153.4	67.754	66.313	0.14521	26.409	0.01
"2012-04-11	22:00:00"	8.3929	164.63	64.864	77.431	0.07568	26.409	0.01
"2012-04-11	23:00:00"	8.7868	126.46	63.683	80.015	0.08776	26.42	0
"2012-04-12	00:00:00"	11.375	139.04	63.36	81.969	0.11659	26.394	0
"2012-04-12	01:00:00"	9.4082	124.26	62.984	83.478	0.08606	26.403	0
"2012-04-12	02:00:00"	9.6213	127.26	62.283	82.656	0.11002	26.385	0
"2012-04-12	03:00:00"	7.7305	142.64	60.929	82.888	0.07059	26.382	0
"2012-04-12	04:00:00"	6.1236	171.42	60.15	83.056	0.05808	26.367	0
"2012-04-12	05:00:00"	4.6479	155.74	59.165	84.109	0.08267	26.376	0
"2012-04-12	06:00:00"	8.5482	177.92	60.081	79.261	0.12274	26.367	0
"2012-04-12	07:00:00"	11.053	175.46	59.5	81.89	0.07631	26.353	0
"2012-04-12	08:00:00"	9.7431	187.59	58.243	86.139	11.252	26.37	0
"2012-04-12	09:00:00"	12.854	193.95	59.305	86.06	75.583	26.379	0
"2012-04-12	10:00:00"	14.495	201.05	61.043	83.672	238.18	26.391	0
"2012-04-12	11:00:00"	12.255	220.87	64.319	75.386	610.2	26.391	0
"2012-04-12	12:00:00"	10.65	229.79	70.711	56.054	843.71	26.391	0
"2012-04-12	13:00:00"	10.768	242.79	76.049	33.613	949.07	26.373	0
"2012-04-12	14:00:00"	10.579	231.46	78.601	23.358	1056.8	26.35	0
"2012-04-12	15:00:00"	13.956	226.75	80.126	18.566	1050.8	26.326	0
"2012-04-12	16:00:00"	17.49	225.97	81.543	15.038	911.9	26.305	0
"2012-04-12	17:00:00"	17.401	225.18	82	13.427	638.64	26.282	0
"2012-04-12	18:00:00"	16.403	224.62	82.579	12.639	531.98	26.261	0
"2012-04-12	19:00:00"	14.346	226.81	82.297	11.471	240.14	26.255	0
"2012-04-12	20:00:00"	11.068	245.38	80.832	11.076	99.895	26.279	0
"2012-04-12	21:00:00"	7.4558	269.03	77.028	13.031	7.4288	26.276	0
"2012-04-12	22:00:00"	5.0791	265.67	73.224	14.954	0.09073	26.294	0
"2012-04-12	23:00:00"	4.1912	228.34	71.084	16.565	0.07843	26.332	0
"2012-04-13	00:00:00"	4.7529	185.33	67.85	32.814	0.11404	26.341	0
"2012-04-13	01:00:00"	4.2011	212.35	65.786	63.784	0.10663	26.35	0
"2012-04-13	02:00:00"	6.8208	208.9	65.318	75.868	0.07801	26.347	0
"2012-04-13	03:00:00"	5.4283	181.99	63.252	82.941	0.09497	26.323	0
"2012-04-13	04:00:00"	5.0872	178.87	62.098	87.842	0.085	26.317	0
"2012-04-13	05:00:00"	5.0312	199.06	61.551	89.894	0.07123	26.329	0
"2012-04-13	06:00:00"	4.2166	225.72	60.932	91.611	0.05448	26.332	0
"2012-04-13	07:00:00"	3.0099	255.25	58.576	92.541	0.07652	26.344	0
"2012-04-13	08:00:00"	2.7775	235.57	60.101	93.258	12.163	26.358	0
"2012-04-13	09:00:00"	4.6845	223.64	61.238	93.364	74.604	26.376	0
"2012-04-13	10:00:00"	4.431	223.84	61.988	93.083	177.27	26.373	0
"2012-04-13	11:00:00"	3.1	160.11	65.936	72.899	615.65	26.379	0
"2012-04-13	12:00:00"	4.8989	275.61	72.428	42.572	787.92	26.356	0
"2012-04-13	13:00:00"	6.2765	252.77	76.261	26.069	950.01	26.338	0
"2012-04-13	14:00:00"	7.0874	214.3	78.524	15.404	1008.8	26.311	0
"2012-04-13	15:00:00"	9.095	222.19	80.974	12.906	1044	26.282	0
"2012-04-13	16:00:00"	12.122	204.52	81.957	10.518	971.61	26.264	0
"2012-04-13	17:00:00"	13.928	215.18	82.142	8.5967	718.98	26.232	0
"2012-04-13	18:00:00"	13.037	207.61	82.797	8.4817	571.28	26.217	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-13	19:00:00"	14.235	193.38	82.465	9.39	357.23	26.202	0
"2012-04-13	20:00:00"	12.339	182.93	81.388	11.484	113.53	26.199	0
"2012-04-13	21:00:00"	9.2242	158.22	77.132	14.631	2.9989	26.199	0
"2012-04-13	22:00:00"	15.368	153.71	74.47	34.598	0.14309	26.211	0
"2012-04-13	23:00:00"	21.189	158.85	72.498	56.905	0.10705	26.211	0
"2012-04-14	00:00:00"	17.643	155.19	69.259	66.902	0.1115	26.205	0
"2012-04-14	01:00:00"	18.699	160.94	68.145	72.571	0.09857	26.184	0
"2012-04-14	02:00:00"	19.834	166.13	68.314	75.761	0.09348	26.175	0
"2012-04-14	03:00:00"	15.773	172.12	67.103	77.617	0.0867	26.155	0
"2012-04-14	04:00:00"	12.606	181.43	65.868	79.896	0.08649	26.155	0
"2012-04-14	05:00:00"	12.017	188.17	65.248	81.211	0.09264	26.161	0
"2012-04-14	06:00:00"	9.5946	189.54	64.422	82.76	0.08076	26.164	0
"2012-04-14	07:00:00"	6.2125	179.86	61.944	87.185	0.08734	26.164	0
"2012-04-14	08:00:00"	4.897	178.09	60.041	90.351	21.133	26.181	0
"2012-04-14	09:00:00"	11.372	172.54	62.011	89.489	177.6	26.178	0
"2012-04-14	10:00:00"	15.136	177.11	66.962	69.59	429.33	26.181	0
"2012-04-14	11:00:00"	14.014	190.88	71.993	41.53	661.65	26.184	0
"2012-04-14	12:00:00"	17.976	189.71	75.625	35.193	846.02	26.152	0
"2012-04-14	13:00:00"	21.102	204.28	79.367	19.939	983.82	26.14	0
"2012-04-14	14:00:00"	19.084	213.76	82.315	11.157	1061.8	26.113	0
"2012-04-14	15:00:00"	19.258	216.84	84.546	8.88	1053.1	26.075	0
"2012-04-14	16:00:00"	24.02	220.94	85.538	8.1156	966.4	26.048	0
"2012-04-14	17:00:00"	23.269	217.28	86.571	6.8881	805.19	26.016	0
"2012-04-14	18:00:00"	25.824	222.79	86.885	6.6814	598.41	26.013	0
"2012-04-14	19:00:00"	23.465	221.89	86.682	6.0578	356.1	26.004	0
"2012-04-14	20:00:00"	18.974	220.91	85.729	5.7086	120.16	25.995	0
"2012-04-14	21:00:00"	13.897	246.41	82.059	7.2003	6.1957	26.037	0
"2012-04-14	22:00:00"	15.459	289.59	75.955	12.608	0.08606	26.09	0
"2012-04-14	23:00:00"	16.029	297.1	71.469	14.958	0.11744	26.143	0
"2012-04-15	00:00:00"	13.855	291.85	67.301	17.737	0.1062	26.184	0
"2012-04-15	01:00:00"	13.523	302.62	62.957	21.357	0.11119	26.193	0
"2012-04-15	02:00:00"	16.155	320.63	56.666	27.721	0.11193	26.208	0
"2012-04-15	03:00:00"	15.375	318.26	53.513	31.21	0.11977	26.22	0
"2012-04-15	04:00:00"	11.282	314.04	51.288	31.885	0.10493	26.226	0
"2012-04-15	05:00:00"	11.969	300.92	49.81	32.466	0.12062	26.237	0
"2012-04-15	06:00:00"	6.9395	296.12	48.157	33.839	0.12782	26.27	0
"2012-04-15	07:00:00"	5.5072	296.06	46.457	33.836	0.14181	26.302	0
"2012-04-15	08:00:00"	4.7305	305.67	45.054	32.032	28.184	26.308	0
"2012-04-15	09:00:00"	7.7199	275.83	48.392	26.907	203.91	26.32	0
"2012-04-15	10:00:00"	16.067	293.14	52.183	22.563	458.61	26.332	0
"2012-04-15	11:00:00"	13.999	271.02	55.78	19.016	693.78	26.332	0
"2012-04-15	12:00:00"	13.816	257.47	59.28	16.222	887.72	26.335	0
"2012-04-15	13:00:00"	14.54	259.5	62.107	13.808	1024.2	26.332	0
"2012-04-15	14:00:00"	16.996	271.87	63.694	12.812	1088.5	26.338	0
"2012-04-15	15:00:00"	14.575	268.75	65.239	10.619	1078.7	26.323	0
"2012-04-15	16:00:00"	15.197	274.54	67.152	10.159	982.05	26.323	0
"2012-04-15	17:00:00"	13.993	269.66	68.166	10.295	820.99	26.314	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-15	18:00:00"	10.96	273.94	69.568	9.8175	614.3	26.317	0
"2012-04-15	19:00:00"	9.8232	263.73	69.864	9.2283	376.69	26.332	0
"2012-04-15	20:00:00"	7.1613	262.66	69.101	9.105	145.35	26.344	0
"2012-04-15	21:00:00"	2.9851	247.65	64.529	10.605	9.8662	26.367	0
"2012-04-15	22:00:00"	2.5389	231.64	60.486	11.801	0.10345	26.4	0
"2012-04-15	23:00:00"	4.2955	261.04	57.299	13.707	0.15284	26.432	0
"2012-04-16	00:00:00"	2.6626	304.65	52.819	16.912	0.14499	26.432	0
"2012-04-16	01:00:00"	3.4567	315.5	48.523	20.573	0.1522	26.435	0
"2012-04-16	02:00:00"	3.6437	318.96	47.495	22.606	0.14648	26.45	0
"2012-04-16	03:00:00"	5.1275	320.8	47.694	23.831	0.14499	26.45	0
"2012-04-16	04:00:00"	5.4041	326.87	47.146	26.559	0.13228	26.465	0
"2012-04-16	05:00:00"	10.388	352.34	48.574	34.229	0.14436	26.474	0
"2012-04-16	06:00:00"	12.151	352.81	46.237	48.281	0.16195	26.485	0
"2012-04-16	07:00:00"	12.416	357.87	44.081	53.942	0.12973	26.509	0
"2012-04-16	08:00:00"	11.214	5.3003	42.907	57.151	30.613	26.533	0
"2012-04-16	09:00:00"	7.8858	23.413	48.142	51.095	205.22	26.565	0
"2012-04-16	10:00:00"	9.7089	63.76	54.518	41.746	449.32	26.58	0
"2012-04-16	11:00:00"	9.7418	80.672	59.199	35.451	681.7	26.586	0
"2012-04-16	12:00:00"	6.996	105.4	64.102	27.878	875.12	26.586	0
"2012-04-16	13:00:00"	5.4165	156.54	67.175	21.434	1013.4	26.577	0
"2012-04-16	14:00:00"	4.8032	51.32	69.342	17.693	1086.3	26.55	0
"2012-04-16	15:00:00"	8.1984	207.92	71.592	14.446	1085.9	26.533	0
"2012-04-16	16:00:00"	7.1638	222.99	72.537	12.902	911.88	26.515	0
"2012-04-16	17:00:00"	6.3485	306.16	72.776	11.671	498.24	26.506	0
"2012-04-16	18:00:00"	6.5263	256.2	74.14	10.213	496.95	26.503	0
"2012-04-16	19:00:00"	6.955	276.9	74.529	9.1206	406.51	26.509	0
"2012-04-16	20:00:00"	8.0418	298.96	72.865	9.5486	140.71	26.518	0
"2012-04-16	21:00:00"	2.035	333.07	67.13	11.419	10.362	26.527	0
"2012-04-16	22:00:00"	1.0768	16.098	60.099	13.947	0.10705	26.55	0
"2012-04-16	23:00:00"	3.1864	45.032	58.429	15.223	0.09878	26.568	0
"2012-04-17	00:00:00"	8.1462	100.4	57.101	28.196	0.14245	26.583	0
"2012-04-17	01:00:00"	9.5438	111.96	57.645	39.318	0.1429	26.595	0
"2012-04-17	02:00:00"	8.3593	90.981	55.334	44.895	0.15051	26.612	0
"2012-04-17	03:00:00"	9.108	104.39	53.135	50.9	0.13482	26.612	0
"2012-04-17	04:00:00"	6.1162	100.74	50.302	55.745	0.13503	26.612	0
"2012-04-17	05:00:00"	8.9962	117.91	51.37	58.647	0.13143	26.609	0
"2012-04-17	06:00:00"	10.451	124.16	51.184	62.259	0.13757	26.615	0
"2012-04-17	07:00:00"	9.456	127.87	50.33	66.035	0.1592	26.624	0
"2012-04-17	08:00:00"	6.8301	137.15	48.94	69.35	30.471	26.645	0
"2012-04-17	09:00:00"	8.8794	150.76	52.315	63.138	205.68	26.66	0
"2012-04-17	10:00:00"	11.918	176.21	58.789	46.969	449.71	26.663	0
"2012-04-17	11:00:00"	16.57	183.72	63.85	34.048	682	26.669	0
"2012-04-17	12:00:00"	14.496	181.29	67.454	28.574	874.94	26.666	0
"2012-04-17	13:00:00"	14.352	189.18	70.963	23.12	1011.9	26.645	0
"2012-04-17	14:00:00"	13.22	185.68	74.14	16.496	1076.4	26.618	0
"2012-04-17	15:00:00"	13.689	166.67	76	12.686	1064	26.586	0
"2012-04-17	16:00:00"	13.242	174.99	76.37	11.547	977.95	26.568	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-17	17:00:00"	13.279	182.03	77.224	11.398	820.86	26.536	0
"2012-04-17	18:00:00"	14.387	183.83	77.792	11.639	614.25	26.524	0
"2012-04-17	19:00:00"	15.408	171.08	77.679	11.639	377.98	26.515	0
"2012-04-17	20:00:00"	15.76	168.22	76.46	11.809	148.47	26.506	0
"2012-04-17	21:00:00"	11.321	156.63	72.897	13.335	10.33	26.515	0
"2012-04-17	22:00:00"	9.0391	144.35	68.588	16.256	0.10535	26.527	0
"2012-04-17	23:00:00"	10.719	144.72	66.346	19.275	0.08076	26.533	0
"2012-04-18	00:00:00"	11.088	151.6	64.428	22.342	0.10493	26.536	0
"2012-04-18	01:00:00"	8.8117	153.93	62.096	24.884	0.11828	26.536	0
"2012-04-18	02:00:00"	8.2673	161.55	60.06	27.589	0.10239	26.527	0
"2012-04-18	03:00:00"	8.8831	162.12	60.893	28.027	0.13524	26.521	0
"2012-04-18	04:00:00"	7.9511	160.08	59.085	31.427	0.12401	26.506	0
"2012-04-18	05:00:00"	5.4476	168.51	56.77	35.337	0.12337	26.506	0
"2012-04-18	06:00:00"	5.1518	179.27	55.028	38.113	0.12549	26.5	0
"2012-04-18	07:00:00"	6.0198	176.86	53.78	41.805	0.14775	26.509	0
"2012-04-18	08:00:00"	10.779	172.3	56.335	45.599	32.181	26.521	0
"2012-04-18	09:00:00"	14.638	177.94	59.181	48.304	208.37	26.524	0
"2012-04-18	10:00:00"	17.681	180.09	63.543	43.574	448.25	26.527	0
"2012-04-18	11:00:00"	16.572	187.1	68.075	34.61	679.83	26.524	0
"2012-04-18	12:00:00"	14.109	189.35	72.689	27.367	871.95	26.515	0
"2012-04-18	13:00:00"	13.294	186.97	76.814	22.065	1005.3	26.5	0
"2012-04-18	14:00:00"	14.044	190.26	80.611	17.766	1066.4	26.474	0
"2012-04-18	15:00:00"	13.36	192.32	83.019	14.931	1052.3	26.45	0
"2012-04-18	16:00:00"	11.694	197.78	84.881	13.596	960.49	26.415	0
"2012-04-18	17:00:00"	14.558	196.17	86.54	12.096	803.49	26.376	0
"2012-04-18	18:00:00"	13.429	196.25	87.689	10.41	598.55	26.358	0
"2012-04-18	19:00:00"	10.686	211.07	88.322	9.1272	362.22	26.338	0
"2012-04-18	20:00:00"	15.966	183.79	85.744	11.87	136.8	26.326	0
"2012-04-18	21:00:00"	15.266	166.48	80.62	16.747	9.5098	26.332	0
"2012-04-18	22:00:00"	13.402	171.32	76.778	20.501	0.07992	26.347	0
"2012-04-18	23:00:00"	13.755	172.19	73.904	25.474	0.09412	26.358	0
"2012-04-19	00:00:00"	12.027	182.92	71.004	31.312	0.11341	26.358	0
"2012-04-19	01:00:00"	11.167	182.03	68.501	35.815	0.09893	26.358	0
"2012-04-19	02:00:00"	10.295	180.86	66.449	37.963	0.11426	26.344	0
"2012-04-19	03:00:00"	10.937	187.99	65.268	39.33	0.1115	26.332	0
"2012-04-19	04:00:00"	10.362	195.05	64.127	40.959	0.10705	26.323	0
"2012-04-19	05:00:00"	8.45	198.65	61.884	44.043	0.1115	26.317	0
"2012-04-19	06:00:00"	4.9442	222.31	59.228	48.154	0.10578	26.32	0
"2012-04-19	07:00:00"	3.9314	231.54	57.265	51.964	0.11934	26.332	0
"2012-04-19	08:00:00"	3.2498	248.06	56.206	53.604	32.871	26.35	0
"2012-04-19	09:00:00"	4.1526	234.9	58.945	49.822	210.95	26.364	0
"2012-04-19	10:00:00"	7.3061	223.61	64.781	39.097	454.12	26.376	0
"2012-04-19	11:00:00"	6.6232	260.97	74.026	24.062	687.17	26.379	0
"2012-04-19	12:00:00"	7.6708	292.49	82.661	10.235	878.26	26.367	0
"2012-04-19	13:00:00"	11.492	292.01	85.367	6.9758	1018.7	26.347	0
"2012-04-19	14:00:00"	12.552	284.49	85.57	7.1525	791.07	26.332	0
"2012-04-19	15:00:00"	11.267	281.29	85.192	7.2325	585.49	26.311	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-19	16:00:00"	10.771	257.25	87.663	5.8772	915.41	26.276	0
"2012-04-19	17:00:00"	13.266	257.11	87.536	5.8139	458.41	26.264	0
"2012-04-19	18:00:00"	13.213	257.32	86.48	5.9683	391.93	26.252	0
"2012-04-19	19:00:00"	10.197	257.17	84.845	5.9719	147.12	26.243	0
"2012-04-19	20:00:00"	7.5173	264.23	84.904	5.5797	185.71	26.249	0
"2012-04-19	21:00:00"	8.1325	27.685	77.605	12.69	13.113	26.264	0
"2012-04-19	22:00:00"	6.7574	66.143	70.099	18.795	0.11087	26.273	0
"2012-04-19	23:00:00"	6.2031	37.873	63.243	27.886	0.08098	26.305	0
"2012-04-20	00:00:00"	6.1926	34.798	62.382	39.203	0.10048	26.311	0
"2012-04-20	01:00:00"	10.274	43.019	61.889	45.835	0.11669	26.329	0
"2012-04-20	02:00:00"	10.915	49.75	63.139	42.02	0.1132	26.347	0
"2012-04-20	03:00:00"	11.271	48.314	63.317	41.516	0.08331	26.361	0
"2012-04-20	04:00:00"	13.128	58.086	62.93	47.36	0.10535	26.358	0
"2012-04-20	05:00:00"	8.7899	66.148	62.138	48.66	0.08331	26.379	0
"2012-04-20	06:00:00"	7.2011	0.8188	58.819	54.648	0.09878	26.412	0
"2012-04-20	07:00:00"	10.967	354.27	54.328	63.891	0.1363	26.429	0
"2012-04-20	08:00:00"	12.47	5.9132	53.059	67.602	32.539	26.447	0
"2012-04-20	09:00:00"	19.558	11.71	55.565	61.207	207.98	26.474	0
"2012-04-20	10:00:00"	19.716	21.574	59.59	52.511	447.25	26.506	0
"2012-04-20	11:00:00"	17.829	24.729	63.54	41.141	679.3	26.53	0
"2012-04-20	12:00:00"	16.514	29.248	66.313	37.298	869.09	26.547	0
"2012-04-20	13:00:00"	13.528	30.574	68.618	34.367	1003.1	26.547	0
"2012-04-20	14:00:00"	12.241	33.639	70.71	28.092	1061.1	26.536	0
"2012-04-20	15:00:00"	11.772	25.095	72.441	24.39	1086.5	26.53	0
"2012-04-20	16:00:00"	10.386	24.146	73.541	21.542	942.43	26.518	0
"2012-04-20	17:00:00"	10.565	25.954	74.201	19.741	796.4	26.494	0
"2012-04-20	18:00:00"	10.359	20.207	74.466	19.873	614.98	26.491	0
"2012-04-20	19:00:00"	10.213	10.724	74.375	19.867	378.68	26.491	0
"2012-04-20	20:00:00"	10.167	9.6345	73.263	20.156	150.36	26.5	0
"2012-04-20	21:00:00"	4.4894	20.407	68.569	22.895	11.972	26.509	0
"2012-04-20	22:00:00"	3.3448	50.241	62.309	28.151	0.10345	26.524	0
"2012-04-20	23:00:00"	5.2493	78.242	62.022	29.492	0.10981	26.515	0
"2012-04-21	00:00:00"	3.599	78.614	58.568	33.697	0.14372	26.539	0
"2012-04-21	01:00:00"	5.0443	87.745	58.96	33.772	0.12062	26.533	0
"2012-04-21	02:00:00"	5.6849	91.581	56.531	37.174	0.12655	26.527	0
"2012-04-21	03:00:00"	5.9515	94.117	54.105	41.337	0.12592	26.524	0
"2012-04-21	04:00:00"	7.0296	104.78	53.165	47.775	0.14457	26.515	0
"2012-04-21	05:00:00"	7.9809	122.25	52.825	53.06	0.10514	26.521	0
"2012-04-21	06:00:00"	6.2323	135.01	51.191	57.546	0.12083	26.515	0
"2012-04-21	07:00:00"	7.1116	130.97	50.419	62.301	0.14817	26.518	0
"2012-04-21	08:00:00"	7.7093	137.21	50.232	64.713	38.413	26.524	0
"2012-04-21	09:00:00"	11.008	155.69	53.985	57.602	217.88	26.539	0
"2012-04-21	10:00:00"	14.487	172.53	59.815	45.031	458.38	26.539	0
"2012-04-21	11:00:00"	13.743	181.11	64.994	36.232	687.38	26.539	0
"2012-04-21	12:00:00"	13.539	185.18	69.723	29.268	878.05	26.53	0
"2012-04-21	13:00:00"	12.28	187.02	73.682	23.404	1012.5	26.521	0
"2012-04-21	14:00:00"	9.2659	211.85	77.5	19.982	1075	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-21	15:00:00"	7.1041	208.55	79.894	17.802	1060.5	26.483	0
"2012-04-21	16:00:00"	6.4666	210.15	81.878	16.321	972.67	26.459	0
"2012-04-21	17:00:00"	6.3833	218.79	83.787	14.981	818.59	26.435	0
"2012-04-21	18:00:00"	7.0296	200.66	84.652	13.955	613.86	26.42	0
"2012-04-21	19:00:00"	6.7052	181.76	84.871	13.558	382.15	26.42	0
"2012-04-21	20:00:00"	8.5414	151.61	83.586	14.293	155.57	26.426	0
"2012-04-21	21:00:00"	7.0855	148.1	79.61	16.491	13.163	26.438	0
"2012-04-21	22:00:00"	6.1951	132.67	75.499	19.394	0.085	26.462	0
"2012-04-21	23:00:00"	6.2019	114.64	71.805	21.749	0.10684	26.483	0
"2012-04-22	00:00:00"	8.514	143.07	71.899	21.563	0.10154	26.494	0
"2012-04-22	01:00:00"	6.9946	157.5	68.083	24.693	0.11056	26.497	0
"2012-04-22	02:00:00"	5.3978	154.67	65.311	27.636	0.11934	26.503	0
"2012-04-22	03:00:00"	4.1613	161.5	63.979	29.586	0.11913	26.497	0
"2012-04-22	04:00:00"	2.9925	137.05	61.831	32.087	0.12549	26.503	0
"2012-04-22	05:00:00"	1.7753	20.683	57.277	37.417	0.10005	26.5	0
"2012-04-22	06:00:00"	1.4671	36.706	54.75	41.028	0.13779	26.503	0
"2012-04-22	07:00:00"	1.1787	330.53	51.4	45.926	0.11998	26.512	0
"2012-04-22	08:00:00"	0.89912	342.17	53.842	43.955	41.545	26.542	0
"2012-04-22	09:00:00"	2.6495	65.31	60.603	36.836	221.25	26.556	0
"2012-04-22	10:00:00"	8.2593	148.45	68.767	28.357	460.26	26.562	0
"2012-04-22	11:00:00"	10.171	159.88	73.565	24.316	688.62	26.571	0
"2012-04-22	12:00:00"	9.9438	134.44	78.688	20.245	877.87	26.574	0
"2012-04-22	13:00:00"	13.494	134.52	82.936	15.529	1012.8	26.565	0
"2012-04-22	14:00:00"	13.377	138.04	84.156	14.051	1071.8	26.553	0
"2012-04-22	15:00:00"	12.15	144.98	85.129	12.85	1057	26.536	0
"2012-04-22	16:00:00"	10.281	131.33	86.27	11.638	968.54	26.512	0
"2012-04-22	17:00:00"	9.5704	128.13	87.019	11.548	768.92	26.5	0
"2012-04-22	18:00:00"	9.1062	142.26	87.013	11.712	538.44	26.488	0
"2012-04-22	19:00:00"	9.7095	139.68	86.295	11.924	193.39	26.488	0
"2012-04-22	20:00:00"	8.4736	129.29	84.834	12.626	81.189	26.488	0
"2012-04-22	21:00:00"	7.9094	114.61	81.576	14.771	6.2131	26.506	0
"2012-04-22	22:00:00"	11.519	98.754	76.794	19.592	0.08861	26.539	0
"2012-04-22	23:00:00"	14.181	97.906	74.39	24.617	0.08352	26.574	0
"2012-04-23	00:00:00"	14.008	94.975	71.564	26.905	0.09603	26.583	0
"2012-04-23	01:00:00"	17.219	96.265	67.632	35.578	0.1057	26.601	0
"2012-04-23	02:00:00"	14.612	89.586	63.468	41.87	0.11426	26.604	0
"2012-04-23	03:00:00"	14.461	88.859	60.983	45.081	0.11616	26.601	0
"2012-04-23	04:00:00"	14.218	90.281	58.919	46.697	0.11744	26.586	0
"2012-04-23	05:00:00"	12.798	87.606	56.998	48.744	0.13524	26.607	0
"2012-04-23	06:00:00"	9.1435	77.374	55.139	51.729	0.10408	26.618	0
"2012-04-23	07:00:00"	10.235	74.915	53.542	54.449	0.1238	26.657	0
"2012-04-23	08:00:00"	12.614	64.182	52.822	53.008	30.603	26.666	0
"2012-04-23	09:00:00"	15.404	86.444	55.584	44.146	205.19	26.651	0
"2012-04-23	10:00:00"	16.809	97.593	59.198	31.093	445.05	26.657	0
"2012-04-23	11:00:00"	16.025	102.19	62.91	25.271	615.46	26.636	0
"2012-04-23	12:00:00"	14.86	124.73	63.926	25.941	397.75	26.657	0
"2012-04-23	13:00:00"	10.64	142.33	66.594	25.318	842.16	26.63	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-23	14:00:00"	9.3864	139.51	69.374	23.927	1037.3	26.595	0
"2012-04-23	15:00:00"	11.369	138.22	72.454	22.566	1048.8	26.568	0
"2012-04-23	16:00:00"	11.498	151.22	74.718	22.156	959.42	26.539	0
"2012-04-23	17:00:00"	10.484	155.13	76.679	21	806.31	26.512	0
"2012-04-23	18:00:00"	10.812	151.74	77.741	20.943	606.26	26.491	0
"2012-04-23	19:00:00"	11.137	158.73	78.597	21.387	377.47	26.474	0
"2012-04-23	20:00:00"	10.211	157.22	78.053	22.013	155.79	26.465	0
"2012-04-23	21:00:00"	7.6037	157.66	75.249	24.401	13.802	26.474	0
"2012-04-23	22:00:00"	8.061	152.34	71.587	28.254	0.08585	26.48	0
"2012-04-23	23:00:00"	8.8775	145.63	69.538	31.088	0.10429	26.491	0
"2012-04-24	00:00:00"	6.8487	147.01	68.176	33.575	0.13079	26.503	0
"2012-04-24	01:00:00"	4.7417	136.92	66.722	35.669	0.12867	26.491	0
"2012-04-24	02:00:00"	6.8239	145.53	65.511	36.955	0.1168	26.471	0
"2012-04-24	03:00:00"	5.5582	152.33	63.157	39.843	0.13355	26.459	0
"2012-04-24	04:00:00"	3.988	131.63	61.911	41.348	0.11786	26.45	0
"2012-04-24	05:00:00"	5.6886	62.982	57.728	47.534	0.11553	26.462	0
"2012-04-24	06:00:00"	4.0023	66.748	56.391	50.055	0.1168	26.438	0
"2012-04-24	07:00:00"	6.5623	87.402	59.834	44.111	0.1257	26.438	0
"2012-04-24	08:00:00"	7.5931	125.54	59.917	43.339	21.54	26.456	0
"2012-04-24	09:00:00"	4.8908	110.29	60.516	43.775	105.07	26.462	0
"2012-04-24	10:00:00"	6.7966	151.19	64.994	38.669	404.08	26.465	0
"2012-04-24	11:00:00"	5.7185	170.13	68.767	34.021	682.23	26.468	0
"2012-04-24	12:00:00"	3.6686	150.77	74.761	27.482	875.39	26.468	0
"2012-04-24	13:00:00"	6.0913	177.71	80.096	22.854	1007.6	26.441	0
"2012-04-24	14:00:00"	7.1383	188.93	85.418	18.486	1068.2	26.415	0
"2012-04-24	15:00:00"	6.5213	212.02	89.272	14.511	1053.4	26.391	0
"2012-04-24	16:00:00"	6.9469	220.99	91.746	12.338	964.37	26.364	0
"2012-04-24	17:00:00"	8.0561	199.35	92.619	11.339	828.13	26.341	0
"2012-04-24	18:00:00"	7.6708	197.22	92.566	10.921	482.11	26.323	0
"2012-04-24	19:00:00"	7.9685	238.04	92.935	9.6742	263.69	26.311	0
"2012-04-24	20:00:00"	7.1917	272.5	90.597	9.7878	88.328	26.302	0
"2012-04-24	21:00:00"	4.1495	267.49	85.651	11.659	8.1169	26.308	0
"2012-04-24	22:00:00"	4.5727	201.21	83.205	12.446	0.09921	26.32	0
"2012-04-24	23:00:00"	5.0375	170.62	78.254	17.211	0.10981	26.329	0
"2012-04-25	00:00:00"	6.4685	164.88	76.017	24.091	0.08967	26.335	0
"2012-04-25	01:00:00"	7.7915	183.67	73.079	28.933	0.11859	26.347	0
"2012-04-25	02:00:00"	6.5151	181.92	71.451	34.141	0.09815	26.35	0
"2012-04-25	03:00:00"	4.5478	179.13	68.154	42.386	0.10323	26.335	0
"2012-04-25	04:00:00"	5.9695	204.38	67.815	45.612	0.10599	26.335	0
"2012-04-25	05:00:00"	4.4179	223.8	66.423	45.56	0.11383	26.332	0
"2012-04-25	06:00:00"	3.9339	214.87	64.663	48.741	0.15114	26.335	0
"2012-04-25	07:00:00"	5.5004	223.52	63.125	51.413	0.15559	26.338	0
"2012-04-25	08:00:00"	2.8086	239.09	60.55	55.915	44.122	26.353	0
"2012-04-25	09:00:00"	4.9523	227.67	64.756	49.515	233.66	26.364	0
"2012-04-25	10:00:00"	7.1855	230.4	73.616	31.392	470.92	26.373	0
"2012-04-25	11:00:00"	8.3817	286.66	84.783	13.669	705.16	26.373	0
"2012-04-25	12:00:00"	9.4032	309.54	90.498	8.625	898.89	26.37	0

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"2012-04-25	13:00:00"	10.642	309.11	94.678	6.3758	1031.8	26.358	0
"2012-04-25	14:00:00"	11.22	292.99	96.456	5.9745	1089.1	26.344	0
"2012-04-25	15:00:00"	10.407	276.22	97.708	5.3578	1074.8	26.335	0
"2012-04-25	16:00:00"	9.7524	276.05	98.365	4.9606	997.46	26.314	0
"2012-04-25	17:00:00"	9.1062	254.95	97.936	5.0911	709.66	26.294	0
"2012-04-25	18:00:00"	7.0749	257.99	98.453	4.8092	569.65	26.279	0
"2012-04-25	19:00:00"	7.8641	267.89	97.063	5.2078	269.59	26.282	0
"2012-04-25	20:00:00"	7.6286	278.36	95.086	4.5258	125.06	26.285	0
"2012-04-25	21:00:00"	2.0605	289.28	86.932	6.6614	8.3189	26.296	0
"2012-04-25	22:00:00"	1.2266	253.8	84.219	7.7375	0.09327	26.311	0
"2012-04-25	23:00:00"	2.8919	302.5	79.858	9.5072	0.12316	26.329	0
"2012-04-26	00:00:00"	4.7759	301.63	79.78	8.9617	0.09391	26.335	0
"2012-04-26	01:00:00"	4.5714	327.43	75.683	11.457	0.08564	26.329	0
"2012-04-26	02:00:00"	7.9784	322.71	75.015	13.224	0.09179	26.332	0
"2012-04-26	03:00:00"	7.6112	324.38	72.723	14.81	0.10408	26.317	0
"2012-04-26	04:00:00"	8.0275	323.55	71.698	15.408	0.07949	26.314	0
"2012-04-26	05:00:00"	6.5343	310.93	67.144	18.193	0.09094	26.329	0
"2012-04-26	06:00:00"	8.1487	316.2	67.059	18.351	0.10726	26.35	0
"2012-04-26	07:00:00"	7.477	314.65	65.706	19.121	0.13482	26.356	0
"2012-04-26	08:00:00"	5.8384	305.35	64.677	20.25	50.808	26.364	0
"2012-04-26	09:00:00"	6.8643	335.34	73.209	17.704	235.84	26.379	0
"2012-04-26	10:00:00"	9.6536	21.524	79.741	16.846	386.35	26.373	0
"2012-04-26	11:00:00"	6.2653	27.707	81.57	18.483	412.74	26.379	0
"2012-04-26	12:00:00"	4.6634	6.8516	85.399	16.527	609.62	26.382	0
"2012-04-26	13:00:00"	2.5327	152.51	89.708	12.811	539.8	26.364	0
"2012-04-26	14:00:00"	4.8231	194.39	90.691	11.897	354.16	26.358	0
"2012-04-26	15:00:00"	6.1435	205.02	90.994	10.401	352.41	26.347	0
"2012-04-26	16:00:00"	10.036	182.84	91.035	9.7661	406.02	26.326	0
"2012-04-26	17:00:00"	12.479	179.39	91.555	8.4667	542.25	26.285	0
"2012-04-26	18:00:00"	16.345	173.57	92.528	7.8808	557.31	26.27	0
"2012-04-26	19:00:00"	17.691	172.95	91.993	7.8714	401.73	26.249	0
"2012-04-26	20:00:00"	13.973	184.12	90.913	8.2861	164.92	26.243	0
"2012-04-26	21:00:00"	9.0695	185.76	86.446	8.3631	14.498	26.234	0
"2012-04-26	22:00:00"	5.9254	179.04	78.488	12.632	0.0884	26.237	0
"2012-04-26	23:00:00"	5.6744	185.65	75.817	15.965	0.11553	26.237	0
"2012-04-27	00:00:00"	4.1477	219.19	75.109	16.023	0.11129	26.232	0
"2012-04-27	01:00:00"	4.9467	242.51	72.64	17.053	0.08797	26.252	0
"2012-04-27	02:00:00"	3.9432	292.14	70.727	17.754	0.08861	26.24	0
"2012-04-27	03:00:00"	6.9842	282.64	73.257	16.621	0.08755	26.237	0
"2012-04-27	04:00:00"	14.441	288.35	76.377	17.133	0.08267	26.24	0
"2012-04-27	05:00:00"	9.9931	295.96	71.775	20.69	0.10111	26.255	0
"2012-04-27	06:00:00"	11.128	302.88	68.617	23.902	0.10514	26.27	0
"2012-04-27	07:00:00"	7.0122	335.36	60.496	34.407	0.17616	26.291	0
"2012-04-27	08:00:00"	3.5101	344.34	57.023	37.787	53.711	26.317	0
"2012-04-27	09:00:00"	7.9436	333.31	62.636	28.816	252.97	26.332	0
"2012-04-27	10:00:00"	9.6356	321.98	66.373	24.282	499.69	26.347	0
"2012-04-27	11:00:00"	9.4007	289.27	71.8	19.213	730.91	26.341	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-27	12:00:00"	12.736	273.65	77.447	14.021	921.94	26.332	0
"2012-04-27	13:00:00"	13.701	258.99	81.129	10.755	1057.1	26.317	0
"2012-04-27	14:00:00"	13.778	273.81	83.856	9.2372	1118.2	26.291	0
"2012-04-27	15:00:00"	10.875	256.15	86.61	7.7731	1101.2	26.267	0
"2012-04-27	16:00:00"	9.809	235.13	88.284	7.0186	1008.4	26.237	0
"2012-04-27	17:00:00"	12.071	216.43	89.057	6.4511	851.84	26.217	0
"2012-04-27	18:00:00"	11.535	227.97	90.2	5.9681	642.26	26.202	0
"2012-04-27	19:00:00"	11.223	220.27	89.474	5.8789	405.8	26.199	0
"2012-04-27	20:00:00"	10.178	230.85	88.6	5.8236	173.97	26.193	0
"2012-04-27	21:00:00"	5.4183	224.91	83.644	6.8425	18.039	26.205	0
"2012-04-27	22:00:00"	2.9919	246.11	77.874	8.7619	0.10387	26.223	0
"2012-04-27	23:00:00"	4.024	225.83	76.558	9.1347	0.0778	26.243	0
"2012-04-28	00:00:00"	3.4443	181.99	71.512	11.015	0.08946	26.24	0
"2012-04-28	01:00:00"	1.5646	273.59	67.414	12.919	0.09603	26.246	0
"2012-04-28	02:00:00"	1.6808	349.55	63.303	15.849	0.10408	26.246	0
"2012-04-28	03:00:00"	1.1856	350.89	60.692	17.563	0.13164	26.232	0
"2012-04-28	04:00:00"	5.2667	325.48	60.819	17.816	0.10472	26.229	0
"2012-04-28	05:00:00"	5.4507	326.64	61.282	18.652	0.11023	26.237	0
"2012-04-28	06:00:00"	4.2377	2.6908	60.11	20.739	0.1132	26.252	0
"2012-04-28	07:00:00"	4.0277	313.26	55.745	24.243	0.276	26.273	0
"2012-04-28	08:00:00"	1.6	332.21	55.723	25.736	55.273	26.285	0
"2012-04-28	09:00:00"	5.5973	44.946	68.475	20.6	254.8	26.299	0
"2012-04-28	10:00:00"	11.617	25.27	73.452	17.98	498.27	26.299	0
"2012-04-28	11:00:00"	10.523	26.709	74.434	17.716	724.76	26.305	0
"2012-04-28	12:00:00"	7.4558	54.697	77.444	15.849	911.9	26.305	0
"2012-04-28	13:00:00"	7.1097	75.009	80.737	13.986	1037	26.291	0
"2012-04-28	14:00:00"	6.6493	89.69	83.31	12.358	1094.8	26.27	0
"2012-04-28	15:00:00"	4.9573	131.99	85.703	10.288	1078.1	26.252	0
"2012-04-28	16:00:00"	5.8129	234.48	87.858	8.8917	990.2	26.237	0
"2012-04-28	17:00:00"	6.0105	101.59	88.605	8.7894	821.08	26.214	0
"2012-04-28	18:00:00"	5.0362	166.46	89.366	8.8239	621.3	26.193	0
"2012-04-28	19:00:00"	8.6563	186.94	90.03	8.5278	389.2	26.187	0
"2012-04-28	20:00:00"	8.1884	176.59	88.82	7.6214	165.88	26.187	0
"2012-04-28	21:00:00"	2.9229	173.74	84.274	8.7314	17.391	26.193	0
"2012-04-28	22:00:00"	3.3069	165.22	78.399	12.043	0.09242	26.211	0
"2012-04-28	23:00:00"	16.716	169.31	76.994	35.792	0.10493	26.234	0
"2012-04-29	00:00:00"	17.237	180.64	73.368	49.82	0.10769	26.243	0
"2012-04-29	01:00:00"	12.367	182.8	71.069	55.142	0.07695	26.24	0
"2012-04-29	02:00:00"	8.6625	183.82	69.593	58.392	0.09921	26.246	0
"2012-04-29	03:00:00"	5.1294	141.78	66.975	62.713	0.09009	26.243	0
"2012-04-29	04:00:00"	6.4088	90.587	65.892	64.435	0.08437	26.246	0
"2012-04-29	05:00:00"	6.3243	87.246	64.003	68.475	0.09793	26.255	0
"2012-04-29	06:00:00"	4.9281	62.455	61.467	72.608	0.10345	26.273	0
"2012-04-29	07:00:00"	5.089	77.312	59.651	76.719	0.22936	26.282	0
"2012-04-29	08:00:00"	3.3274	84.17	60.199	76.999	43.878	26.32	0
"2012-04-29	09:00:00"	5.7241	93.281	63.67	74.285	167.79	26.338	0
"2012-04-29	10:00:00"	5.4873	135.7	67.527	74.446	202.39	26.358	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-04-29	11:00:00"	6.8537	92.031	69.736	67.099	418.25	26.373	0
"2012-04-29	12:00:00"	6.8941	93.242	72.845	55.622	636.93	26.37	0
"2012-04-29	13:00:00"	6.8444	92.116	76.722	44.791	1025.8	26.358	0
"2012-04-29	14:00:00"	6.1516	136.22	79.368	37.944	1080.1	26.335	0
"2012-04-29	15:00:00"	6.0689	133.41	82.51	31.827	1076.9	26.317	0
"2012-04-29	16:00:00"	4.7522	147.11	84.381	28.292	927.08	26.296	0
"2012-04-29	17:00:00"	6.4417	159.22	85.528	25.519	747.21	26.282	0
"2012-04-29	18:00:00"	6.6679	177.34	86.968	22.067	635.66	26.276	0
"2012-04-29	19:00:00"	7.9113	163.09	86.525	22.278	287.15	26.27	0
"2012-04-29	20:00:00"	15.101	142.85	84.525	32.123	199.05	26.273	0
"2012-04-29	21:00:00"	19.784	145.27	77.59	50.399	20.688	26.299	0
"2012-04-29	22:00:00"	18.355	155.92	73.884	57.82	0.10196	26.329	0
"2012-04-29	23:00:00"	15.782	175.24	71.766	62.892	0.08055	26.347	0
"2012-04-30	00:00:00"	12.882	170.75	69.807	69.149	0.10005	26.353	0
"2012-04-30	01:00:00"	10.813	174.07	68.366	73.373	0.08921	26.358	0
"2012-04-30	02:00:00"	9.0503	171.74	67.227	75.357	0.10387	26.361	0
"2012-04-30	03:00:00"	7.1688	128.17	65.408	77.439	0.11087	26.361	0
"2012-04-30	04:00:00"	7.687	120.54	64.3	78.54	0.1009	26.358	0
"2012-04-30	05:00:00"	7.2694	117.24	62.666	82.075	0.08712	26.358	0
"2012-04-30	06:00:00"	4.5515	102.18	60.318	84.663	0.08373	26.361	0
"2012-04-30	07:00:00"	2.9683	117.98	59.223	87.384	0.15411	26.367	0
"2012-04-30	08:00:00"	1.9629	131.96	58.74	87.581	53.295	26.388	0
"2012-04-30	09:00:00"	5.913	140.96	62.635	82.74	244.05	26.394	0
"2012-04-30	10:00:00"	12.906	179.9	67.842	74.597	483.9	26.394	0
"2012-04-30	11:00:00"	10.819	183.84	72.772	63.278	710.49	26.403	0
"2012-04-30	12:00:00"	9.3249	187.33	78.314	45.891	897.82	26.403	0
"2012-04-30	13:00:00"	6.2876	198.88	83.452	29.104	1024	26.388	0
"2012-04-30	14:00:00"	5.3146	188.64	86.895	17.947	1081	26.37	0
"2012-04-30	15:00:00"	7.733	195.21	89.148	13.704	1067.8	26.353	0
"2012-04-30	16:00:00"	8.4538	189.78	89.922	12.226	981.31	26.32	0
"2012-04-30	17:00:00"	9.6052	203.19	90.999	11.892	820.15	26.296	0
"2012-04-30	18:00:00"	8.1642	189.73	90.872	12.172	646.34	26.273	0
"2012-04-30	19:00:00"	8.235	192.62	91.21	10.903	373.98	26.255	0
"2012-04-30	20:00:00"	18.817	188.35	86.187	20.636	208.39	26.264	0
"2012-04-30	21:00:00"	15.02	186.62	82.172	20.095	28.556	26.282	0
"2012-04-30	22:00:00"	13.341	189.83	78.327	23.825	0.0956	26.305	0
"2012-04-30	23:00:00"	15.491	187.16	75.273	30.05	0.06974	26.314	0
"2012-05-01	00:00:00"	14.229	191.56	71.965	36.956	0.09878	26.311	0
"2012-05-01	01:00:00"	11.758	188.93	69.515	41.101	0.09115	26.314	0
"2012-05-01	02:00:00"	11.499	188.7	68.367	43.737	0.08755	26.311	0
"2012-05-01	03:00:00"	13.258	184.82	67.886	43.568	0.0778	26.299	0
"2012-05-01	04:00:00"	12.911	185.12	67.303	43.916	0.10938	26.302	0
"2012-05-01	05:00:00"	12.215	190.54	67.033	46.928	0.12189	26.302	0
"2012-05-01	06:00:00"	9.6691	185.49	64.814	55.331	0.092	26.302	0
"2012-05-01	07:00:00"	7.6286	181.96	62.142	62.949	0.35613	26.302	0
"2012-05-01	08:00:00"	9.3454	190.07	61.106	67.167	59.325	26.32	0
"2012-05-01	09:00:00"	10.872	191.33	65.316	58.695	256.3	26.332	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-01	10:00:00"	10.005	222.02	70.412	45.767	496.03	26.335	0
"2012-05-01	11:00:00"	9.3933	230.37	76.658	32.221	721.89	26.329	0
"2012-05-01	12:00:00"	7.9175	239.87	82.781	20.888	909.44	26.329	0
"2012-05-01	13:00:00"	8.9564	259.2	87.813	11.447	1043.9	26.302	0
"2012-05-01	14:00:00"	10.781	227.01	90.321	9.9578	1102.7	26.276	0
"2012-05-01	15:00:00"	12.531	242.05	93.657	8.2533	1086.4	26.252	0
"2012-05-01	16:00:00"	15.788	233.1	94.614	7.47	994.93	26.234	0
"2012-05-01	17:00:00"	16.295	235.3	94.601	7.1267	844.58	26.214	0
"2012-05-01	18:00:00"	15.056	230.97	93.939	7.3983	636.95	26.199	0
"2012-05-01	19:00:00"	14.959	237.78	93.418	7.4711	403.13	26.196	0
"2012-05-01	20:00:00"	12.629	252.02	91.772	6.7944	180.4	26.199	0
"2012-05-01	21:00:00"	10.231	264.25	87.808	6.5969	22.718	26.217	0
"2012-05-01	22:00:00"	12.805	201.05	81.746	25.456	0.09094	26.255	0
"2012-05-01	23:00:00"	15.217	175.97	76.467	52.978	0.08098	26.267	0
"2012-05-02	00:00:00"	13.377	183.36	73.175	62.191	0.07992	26.279	0
"2012-05-02	01:00:00"	10.665	184.6	70.738	69.21	0.09787	26.279	0
"2012-05-02	02:00:00"	9.3653	187.24	68.865	76.226	0.08882	26.276	0
"2012-05-02	03:00:00"	9.1087	181.97	66.873	83.389	0.0867	26.267	0
"2012-05-02	04:00:00"	9.1528	187.43	65.966	87.019	0.06805	26.267	0
"2012-05-02	05:00:00"	8.1132	195.5	64.925	88.673	0.06805	26.273	0
"2012-05-02	06:00:00"	5.1307	218.62	63.49	90.779	0.07165	26.288	0
"2012-05-02	07:00:00"	4.5466	206.68	61.744	92.679	0.22894	26.302	0
"2012-05-02	08:00:00"	4.0849	227.9	61.533	93.153	29.121	26.317	0
"2012-05-02	09:00:00"	4.6435	251.94	62.382	93.183	174.18	26.338	0
"2012-05-02	10:00:00"	7.2731	215.3	64.588	88.35	444.49	26.35	0
"2012-05-02	11:00:00"	8.1139	230.85	74.647	51.118	695.51	26.353	0
"2012-05-02	12:00:00"	6.5716	267.98	84.738	21.162	882.23	26.35	0
"2012-05-02	13:00:00"	5.5116	239.68	88.717	10.41	1021.6	26.332	0
"2012-05-02	14:00:00"	8.258	234.93	91.05	8.7489	1079.3	26.311	0
"2012-05-02	15:00:00"	10.545	221.82	92.744	9.0442	1061	26.299	0
"2012-05-02	16:00:00"	13.838	212.03	92.854	9.2364	973.12	26.282	0
"2012-05-02	17:00:00"	13.358	221.44	93.698	6.5364	834.52	26.261	0
"2012-05-02	18:00:00"	14.151	232.05	94.309	5.7833	639.53	26.252	0
"2012-05-02	19:00:00"	13.653	238.79	93.174	5.2792	412.29	26.255	0
"2012-05-02	20:00:00"	13.84	262.78	89.736	5.8481	182.53	26.27	0
"2012-05-02	21:00:00"	10.584	268.28	85.525	5.8189	23.177	26.288	0
"2012-05-02	22:00:00"	6.9817	288.83	79.386	5.8908	0.11023	26.294	0
"2012-05-02	23:00:00"	3.7338	308.41	74.022	6.6903	0.08861	26.302	0
"2012-05-03	00:00:00"	7.8684	293.31	76.122	7.1425	0.08394	26.314	0
"2012-05-03	01:00:00"	10.557	169.65	74.48	19.776	0.0884	26.35	0
"2012-05-03	02:00:00"	9.9929	174.95	71.446	67.431	0.12252	26.35	0
"2012-05-03	03:00:00"	6.2783	188.34	68.46	76.723	0.0831	26.338	0
"2012-05-03	04:00:00"	3.8394	197.87	66.757	80.409	0.08182	26.338	0
"2012-05-03	05:00:00"	2.086	260.88	64.667	84.708	0.06296	26.341	0
"2012-05-03	06:00:00"	0.99792	345.59	61.341	87.208	0.06084	26.353	0
"2012-05-03	07:00:00"	1.9834	319.04	59.912	83.704	0.20308	26.367	0
"2012-05-03	08:00:00"	3.4001	316.36	60.627	72.054	33.529	26.388	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-03	09:00:00"	5.7781	306.79	66.719	41.846	167.1	26.406	0
"2012-05-03	10:00:00"	7.8268	299.74	73.089	22.528	420.44	26.415	0
"2012-05-03	11:00:00"	10.337	293.18	82.082	11.972	712.65	26.418	0
"2012-05-03	12:00:00"	10.358	283.49	86.605	7.2219	899.77	26.42	0
"2012-05-03	13:00:00"	9.7238	266.11	88.819	5.7953	1034.9	26.418	0
"2012-05-03	14:00:00"	9.8599	259.97	89.593	5.5486	1096	26.406	0
"2012-05-03	15:00:00"	9.7729	256.64	91.243	5.3495	1011.7	26.397	0
"2012-05-03	16:00:00"	9.5405	228.89	91.528	5.2564	961.18	26.376	0
"2012-05-03	17:00:00"	7.2079	235.87	92.464	5.0875	805.5	26.353	0
"2012-05-03	18:00:00"	8.8678	248.38	92.153	5.1862	507.4	26.344	0
"2012-05-03	19:00:00"	8.537	248.79	92.288	5.017	416.92	26.344	0
"2012-05-03	20:00:00"	6.3125	277.93	89.515	5.7189	138.09	26.356	0
"2012-05-03	21:00:00"	2.6856	257.9	85.57	7.3119	23.116	26.37	0
"2012-05-03	22:00:00"	1.8635	230.48	79.658	8.6617	0.09264	26.388	0
"2012-05-03	23:00:00"	3.0081	294.85	75.397	11.053	0.10175	26.394	0
"2012-05-04	00:00:00"	2.5775	335.89	70.572	13.78	0.0761	26.394	0
"2012-05-04	01:00:00"	8.7483	163.52	71.642	27.64	0.08543	26.415	0
"2012-05-04	02:00:00"	7.6634	193.49	73.474	38.238	0.1079	26.409	0
"2012-05-04	03:00:00"	5.793	185.53	70.644	39.884	0.11595	26.394	0
"2012-05-04	04:00:00"	5.5109	178.09	66.732	44.022	0.08182	26.388	0
"2012-05-04	05:00:00"	3.7686	181.61	65.993	43.775	0.13312	26.394	0
"2012-05-04	06:00:00"	2.5284	224.26	64.642	45.797	0.11087	26.409	0
"2012-05-04	07:00:00"	2.36	232.56	63.121	48.656	0.31119	26.406	0
"2012-05-04	08:00:00"	2.3743	226.64	63.444	47.666	57.254	26.426	0
"2012-05-04	09:00:00"	3.3411	277.25	67.224	43.238	251.59	26.435	0
"2012-05-04	10:00:00"	6.0136	271.82	77.189	25.248	492.43	26.444	0
"2012-05-04	11:00:00"	8.3562	277.44	86.277	7.9067	719.5	26.444	0
"2012-05-04	12:00:00"	9.3591	274.11	89.157	5.7431	905.51	26.444	0
"2012-05-04	13:00:00"	10.736	260.15	91.027	5.7411	1037.5	26.435	0
"2012-05-04	14:00:00"	11.168	234.22	91.939	5.94	1097.1	26.415	0
"2012-05-04	15:00:00"	13.134	241.93	93.509	5.7989	1080.7	26.394	0
"2012-05-04	16:00:00"	13.171	235.26	94.612	5.2608	990.6	26.37	0
"2012-05-04	17:00:00"	14.179	234.94	94.624	5.3095	837.13	26.353	0
"2012-05-04	18:00:00"	12.744	234.34	94.129	5.0325	641.61	26.347	0
"2012-05-04	19:00:00"	11.657	241.93	93.412	4.6617	415.52	26.338	0
"2012-05-04	20:00:00"	10.218	247.11	91.724	4.8344	184.41	26.329	0
"2012-05-04	21:00:00"	4.4397	245.08	85.86	5.7708	22.931	26.344	0
"2012-05-04	22:00:00"	0.97058	234.44	77.508	7.9889	0.09369	26.361	0
"2012-05-04	23:00:00"	5.9279	273.86	77.689	8.5572	0.11341	26.367	0
"2012-05-05	00:00:00"	5.7514	288.11	76.998	8.9736	0.10005	26.361	0
"2012-05-05	01:00:00"	4.1713	306.17	72.485	10.114	0.07695	26.353	0
"2012-05-05	02:00:00"	2.1512	258.46	70.447	10.669	0.10217	26.347	0
"2012-05-05	03:00:00"	3.0708	229.95	69.118	10.917	0.10981	26.35	0
"2012-05-05	04:00:00"	7.0153	176.19	66.585	43.812	0.12592	26.353	0
"2012-05-05	05:00:00"	5.4494	198.4	64.692	75.114	0.09391	26.35	0
"2012-05-05	06:00:00"	4.1129	241.6	62.96	80.396	0.06762	26.338	0
"2012-05-05	07:00:00"	4.6031	208.53	63.248	89.029	0.83096	26.35	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-05	08:00:00"	4.3813	202.06	61.375	91.849	46.356	26.376	0
"2012-05-05	09:00:00"	4.9101	212.21	61.394	86.779	205.67	26.385	0
"2012-05-05	10:00:00"	7.0383	223.09	72.637	28.198	434.52	26.391	0
"2012-05-05	11:00:00"	6.1335	235.77	80.004	16.144	652.32	26.388	0
"2012-05-05	12:00:00"	8.4134	286.88	88.362	7.1722	872.21	26.385	0
"2012-05-05	13:00:00"	10.351	284.63	91.098	5.8633	997.06	26.367	0
"2012-05-05	14:00:00"	11.387	269.9	92.824	5.8178	1010.8	26.353	0
"2012-05-05	15:00:00"	11.973	253.55	93.713	5.7814	1018.9	26.341	0
"2012-05-05	16:00:00"	11.098	245.37	93.181	5.7806	666.34	26.329	0
"2012-05-05	17:00:00"	10.5	247.67	92.182	5.9081	466.02	26.308	0
"2012-05-05	18:00:00"	13.399	229.42	92.449	6.1333	466.08	26.302	0
"2012-05-05	19:00:00"	13.968	229.34	89.886	6.6947	209.17	26.305	0
"2012-05-05	20:00:00"	9.3591	227.07	88.038	7.0539	145.01	26.302	0
"2012-05-05	21:00:00"	11.352	261.56	85.355	7.3033	19.013	26.311	0
"2012-05-05	22:00:00"	6.8755	260.72	79.989	7.8572	0.08564	26.314	0
"2012-05-05	23:00:00"	5.4861	256.49	76.091	8.6908	0.10663	26.317	0
"2012-05-06	00:00:00"	4.9399	224.6	72.094	9.6381	0.11065	26.32	0
"2012-05-06	01:00:00"	5.4289	220.88	71.548	9.8683	0.10239	26.32	0
"2012-05-06	02:00:00"	6.3044	218.94	72.44	9.8048	0.09242	26.326	0
"2012-05-06	03:00:00"	6.2255	216.39	71.661	10.162	0.11722	26.32	0
"2012-05-06	04:00:00"	5.176	220.22	70.331	10.67	0.0973	26.317	0
"2012-05-06	05:00:00"	1.9996	246.83	66.25	12.346	0.12274	26.314	0
"2012-05-06	06:00:00"	2.7782	262.99	65.242	13.184	0.10896	26.323	0
"2012-05-06	07:00:00"	4.1222	219.48	65.84	12.906	0.35909	26.341	0
"2012-05-06	08:00:00"	2.1344	309.09	63.299	15.063	62.399	26.361	0
"2012-05-06	09:00:00"	8.3618	293.9	71.325	12.237	263.47	26.379	0
"2012-05-06	10:00:00"	11.126	292.95	79.493	9.4075	501.55	26.397	0
"2012-05-06	11:00:00"	11.862	304.77	83.38	8.3214	724.94	26.4	0
"2012-05-06	12:00:00"	12.405	333.98	85.146	7.7175	909.61	26.4	0
"2012-05-06	13:00:00"	9.4566	330.8	85.095	8.6194	1035.5	26.4	0
"2012-05-06	14:00:00"	7.5074	329.56	85.799	10.852	1089.7	26.388	0
"2012-05-06	15:00:00"	7.4161	320.51	87.317	11.325	1064.7	26.376	0
"2012-05-06	16:00:00"	6.9811	280	88.896	10.439	973.72	26.35	0
"2012-05-06	17:00:00"	7.4732	302.61	90.789	8.9606	818.98	26.326	0
"2012-05-06	18:00:00"	8.5463	294.43	92.335	6.4397	632.48	26.317	0
"2012-05-06	19:00:00"	13.39	231.38	91.562	5.3786	417.04	26.32	0
"2012-05-06	20:00:00"	14.745	224.13	89.283	5.2525	186.93	26.326	0
"2012-05-06	21:00:00"	8.0791	227.23	84.535	6.0492	19.18	26.338	0
"2012-05-06	22:00:00"	1.3993	233.27	76.987	8.0328	0.08776	26.35	0
"2012-05-06	23:00:00"	2.1033	333.67	71.598	9.7914	0.10769	26.367	0
"2012-05-07	00:00:00"	9.3852	24.281	73.105	21.865	0.08712	26.388	0
"2012-05-07	01:00:00"	10.527	51.384	70.904	43.242	0.09344	26.397	0
"2012-05-07	02:00:00"	11.946	54.545	67.579	53.91	0.09815	26.397	0
"2012-05-07	03:00:00"	12.196	51.807	64.883	60.954	0.09115	26.397	0
"2012-05-07	04:00:00"	9.7822	44.416	62.306	66.887	0.08946	26.391	0
"2012-05-07	05:00:00"	10.161	44.947	60.315	71.686	0.11044	26.4	0
"2012-05-07	06:00:00"	10.433	40.016	58.956	75.866	0.14139	26.406	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-07	07:00:00"	10.788	30.391	58.52	77.643	0.5397	26.42	0
"2012-05-07	08:00:00"	10.151	33.309	58.428	79.126	29.501	26.447	0
"2012-05-07	09:00:00"	12.876	36.087	61.996	72.437	207.14	26.456	0
"2012-05-07	10:00:00"	14.009	28.798	65.444	65.521	475.9	26.462	0
"2012-05-07	11:00:00"	15.01	28.761	67.221	61.488	638.97	26.485	0
"2012-05-07	12:00:00"	11.804	38.199	68.788	58.206	535.67	26.491	0
"2012-05-07	13:00:00"	11.819	48.098	70.314	55.256	716.45	26.465	0
"2012-05-07	14:00:00"	12.059	42.557	72.68	49.285	891.19	26.435	0
"2012-05-07	15:00:00"	12.334	52.166	74.688	44.237	973.68	26.418	0
"2012-05-07	16:00:00"	8.9024	53.692	76.795	37.681	938.25	26.394	0
"2012-05-07	17:00:00"	8.954	49.065	78.354	33.448	783.35	26.367	0
"2012-05-07	18:00:00"	11.563	56.769	79.025	31.785	420.77	26.353	0
"2012-05-07	19:00:00"	13.422	85.699	77.485	35.874	158.47	26.35	0
"2012-05-07	20:00:00"	18.245	106.54	73.734	46.898	44.119	26.356	0
"2012-05-07	21:00:00"	18.015	89.48	68.649	54.805	8.7804	26.42	0
"2012-05-07	22:00:00"	16.723	45.444	60.467	70.079	0.09751	26.42	0
"2012-05-07	23:00:00"	15.173	77.499	59.409	78.931	0.08076	26.474	0
"2012-05-08	00:00:00"	13.949	79.401	60.638	83.232	0.0672	26.5	0.02
"2012-05-08	01:00:00"	13.858	49.241	58.823	88.665	0.0814	26.477	0.16
"2012-05-08	02:00:00"	16.245	48.786	57.421	86.429	0.07546	26.483	0
"2012-05-08	03:00:00"	12.779	45.623	57.487	86.057	0.08055	26.462	0.02
"2012-05-08	04:00:00"	12.114	47.044	57.259	84.625	0.07101	26.471	0
"2012-05-08	05:00:00"	6.791	90.472	57.529	85.512	0.06953	26.524	0.05
"2012-05-08	06:00:00"	12.522	59.85	56.409	88.436	0.09158	26.48	0.02
"2012-05-08	07:00:00"	13.161	53.412	54.161	87.802	0.10875	26.512	0
"2012-05-08	08:00:00"	11.851	47.131	53.944	88.019	6.3636	26.515	0
"2012-05-08	09:00:00"	12.221	66.682	53.509	85.373	49.184	26.545	0
"2012-05-08	10:00:00"	12.209	48.255	52.948	82.038	160.96	26.559	0.01
"2012-05-08	11:00:00"	11.909	40.316	54.544	78.98	373.26	26.565	0
"2012-05-08	12:00:00"	13.366	31.036	56.327	72.894	439.74	26.55	0
"2012-05-08	13:00:00"	11.323	42.396	58.612	68.344	515.06	26.553	0
"2012-05-08	14:00:00"	9.2031	46.043	60.924	65.422	544.49	26.553	0
"2012-05-08	15:00:00"	10.442	23.918	62.604	62.636	568.71	26.539	0
"2012-05-08	16:00:00"	11.037	42.24	63.829	59.131	591.39	26.509	0
"2012-05-08	17:00:00"	10.923	57.422	64.908	55.728	437.52	26.488	0
"2012-05-08	18:00:00"	10.154	69.857	65.315	53.931	317	26.485	0
"2012-05-08	19:00:00"	11.687	76.447	64.597	56.251	158.49	26.485	0
"2012-05-08	20:00:00"	10.514	80.441	63.1	57.724	77.135	26.506	0
"2012-05-08	21:00:00"	8.4436	78.839	62.601	58.369	7.3349	26.527	0
"2012-05-08	22:00:00"	7.0526	70.605	61.54	61.306	0.08988	26.542	0
"2012-05-08	23:00:00"	6.4821	62.152	60.589	64.281	0.10154	26.556	0
"2012-05-09	00:00:00"	5.4805	65.471	59.135	67.856	0.07758	26.559	0
"2012-05-09	01:00:00"	8.3357	85.087	58.646	67.783	0.10938	26.556	0
"2012-05-09	02:00:00"	6.2249	97.292	57.765	71.485	0.1115	26.547	0
"2012-05-09	03:00:00"	2.7266	105.98	56.807	73.421	0.09857	26.55	0
"2012-05-09	04:00:00"	1.4167	52.07	56.488	74.708	0.12252	26.542	0
"2012-05-09	05:00:00"	1.4683	343.77	55.596	77.617	0.13143	26.542	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-09	06:00:00"	2.9621	33.475	54.064	83.439	0.09009	26.545	0
"2012-05-09	07:00:00"	3.0447	51.354	53.228	81.832	0.65078	26.547	0
"2012-05-09	08:00:00"	2.9876	63.604	53.144	79.959	56.181	26.559	0
"2012-05-09	09:00:00"	5.8533	68.482	57.694	64.713	260.82	26.583	0
"2012-05-09	10:00:00"	5.8894	86.094	60.648	52.964	441.31	26.595	0
"2012-05-09	11:00:00"	4.8548	114.68	62.515	48.363	337.6	26.589	0
"2012-05-09	12:00:00"	5.7005	127.21	63.554	45.962	439.66	26.58	0
"2012-05-09	13:00:00"	5.9179	124.2	65.871	40.937	903.51	26.547	0
"2012-05-09	14:00:00"	6.3709	127.41	67.994	38.483	1079.9	26.524	0
"2012-05-09	15:00:00"	6.2988	113.43	70.161	36.168	879.99	26.5	0
"2012-05-09	16:00:00"	7.1054	133.89	71.996	33.601	847.84	26.468	0
"2012-05-09	17:00:00"	7.3819	126.21	73.313	31.706	671.16	26.435	0
"2012-05-09	18:00:00"	7.0849	135.16	73.546	31.868	380.26	26.42	0
"2012-05-09	19:00:00"	8.0455	134.02	73.433	32.387	193.53	26.403	0
"2012-05-09	20:00:00"	7.013	115.59	73.286	33.365	90.772	26.4	0
"2012-05-09	21:00:00"	7.2719	108.93	72.423	35.269	11.783	26.415	0
"2012-05-09	22:00:00"	7.925	137.16	70.804	38.989	0.10154	26.418	0
"2012-05-09	23:00:00"	7.4993	152.38	68.971	43.568	0.08161	26.432	0
"2012-05-10	00:00:00"	8.6669	198.68	66.106	55.929	0.10472	26.444	0
"2012-05-10	01:00:00"	7.8677	169.08	64.719	62.683	0.1114	26.391	0
"2012-05-10	02:00:00"	6.256	137.93	63.345	69.372	0.11235	26.418	0
"2012-05-10	03:00:00"	8.729	172.66	62.173	74.538	0.07758	26.4	0.02
"2012-05-10	04:00:00"	8.0977	156.44	59.36	87.67	0.06847	26.388	0.07
"2012-05-10	05:00:00"	10.973	167.07	58.207	89.588	0.06063	26.397	0.18
"2012-05-10	06:00:00"	6.6567	107.56	57.516	91.169	0.07398	26.364	0.2
"2012-05-10	07:00:00"	9.1932	70.231	56.638	89.25	0.07928	26.35	0.01
"2012-05-10	08:00:00"	9.1665	79.119	56.372	88.971	2.544	26.367	0.02
"2012-05-10	09:00:00"	5.6495	106.91	56.291	89.758	4.0151	26.388	0.23
"2012-05-10	10:00:00"	8.7756	56.975	56.125	91.684	15.648	26.353	0.38
"2012-05-10	11:00:00"	11.981	69.886	56.331	90.739	66.182	26.344	0.04
"2012-05-10	12:00:00"	12.137	77.96	56.637	88.47	171.53	26.323	0
"2012-05-10	13:00:00"	11.961	111.77	58.486	84.718	278.63	26.335	0
"2012-05-10	14:00:00"	11.532	129.94	60.157	78.521	502.88	26.296	0
"2012-05-10	15:00:00"	6.9649	122.53	61.099	71.608	463.52	26.294	0
"2012-05-10	16:00:00"	6.3137	106.41	62.518	66.583	341.65	26.288	0
"2012-05-10	17:00:00"	11.152	86.511	60.287	78.239	79.046	26.285	0.04
"2012-05-10	18:00:00"	9.2914	101.06	55.622	88.995	30.346	26.294	0.39
"2012-05-10	19:00:00"	5.5538	76.427	54.632	88.219	34.486	26.291	0.06
"2012-05-10	20:00:00"	3.8774	79.693	54.916	86.768	16.616	26.296	0.04
"2012-05-10	21:00:00"	2.977	35.88	54.792	89.109	2.5601	26.299	0
"2012-05-10	22:00:00"	3.5188	90.148	55.801	89.755	0.0602	26.308	0.01
"2012-05-10	23:00:00"	4.4192	64.473	56.1	91.132	0.06635	26.308	0
"2012-05-11	00:00:00"	7.0581	60.291	56.026	90.219	0.07525	26.311	0
"2012-05-11	01:00:00"	5.9307	47.047	55.546	89.873	0.07822	26.311	0
"2012-05-11	02:00:00"	4.7417	38.869	55.445	89.779	0.07271	26.305	0
"2012-05-11	03:00:00"	7.7727	17.966	55.212	91.03	0.08543	26.305	0
"2012-05-11	04:00:00"	6.7611	18.708	55.005	90.957	0.06783	26.305	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-11	05:00:00"	5.9639	17.354	54.871	89.927	0.07907	26.311	0
"2012-05-11	06:00:00"	6.0298	3.5295	54.293	89.602	0.07101	26.308	0
"2012-05-11	07:00:00"	4.9014	2.0152	53	90.781	0.52825	26.326	0
"2012-05-11	08:00:00"	3.9625	10.432	52.784	91.105	56.794	26.347	0
"2012-05-11	09:00:00"	4.9865	352.45	54.153	89.458	120.74	26.37	0
"2012-05-11	10:00:00"	5.3152	321.82	56.032	84.394	376.05	26.388	0
"2012-05-11	11:00:00"	8.7408	356.83	59.518	72.429	547.61	26.406	0
"2012-05-11	12:00:00"	11.091	346.2	61.023	65.338	386.95	26.426	0
"2012-05-11	13:00:00"	9.2534	329.54	62.42	64.769	639.09	26.429	0
"2012-05-11	14:00:00"	8.5886	349.12	63.804	62.072	432.65	26.435	0.01
"2012-05-11	15:00:00"	11.074	342.11	64.926	60.298	529.65	26.438	0
"2012-05-11	16:00:00"	11.342	355.13	65.06	61.491	533.95	26.432	0
"2012-05-11	17:00:00"	14.149	355.4	66.639	56.385	323.01	26.426	0
"2012-05-11	18:00:00"	12.243	20.933	66.529	55.211	263.28	26.435	0
"2012-05-11	19:00:00"	13.876	32.074	66.649	54.835	383.79	26.444	0
"2012-05-11	20:00:00"	9.6404	31.445	65.983	59.398	183.8	26.453	0
"2012-05-11	21:00:00"	12.544	20.687	63.697	61.598	22.317	26.488	0
"2012-05-11	22:00:00"	12.116	25.753	59.172	77.211	0.10493	26.536	0
"2012-05-11	23:00:00"	9.8282	30.499	57.115	79.328	0.12464	26.559	0
"2012-05-12	00:00:00"	11.405	34.608	55.53	81.594	0.09815	26.562	0
"2012-05-12	01:00:00"	9.335	33.469	54.374	82.725	0.13318	26.586	0
"2012-05-12	02:00:00"	6.4473	3.0754	53.05	85.326	0.11659	26.586	0
"2012-05-12	03:00:00"	6.0391	338.96	52.34	87.047	0.11722	26.589	0
"2012-05-12	04:00:00"	7.5757	355.97	52.325	87.155	0.10705	26.589	0
"2012-05-12	05:00:00"	8.4805	10.216	51.192	88.699	0.10069	26.604	0
"2012-05-12	06:00:00"	7.6839	11.272	50.029	90.103	0.08797	26.612	0
"2012-05-12	07:00:00"	6.351	10.607	49.25	90.695	1.1574	26.627	0
"2012-05-12	08:00:00"	4.8386	356.34	49.463	90.296	74.92	26.663	0
"2012-05-12	09:00:00"	7.7684	20.189	52.488	83.715	188.6	26.683	0
"2012-05-12	10:00:00"	9.0795	30.717	54.458	76.737	277.51	26.692	0
"2012-05-12	11:00:00"	9.5927	43.045	56.693	70.895	345.27	26.701	0
"2012-05-12	12:00:00"	9.0938	64.475	58.394	67.516	368.21	26.704	0
"2012-05-12	13:00:00"	7.4074	72.208	60.789	61.111	660.87	26.701	0
"2012-05-12	14:00:00"	6.2199	42.014	63.219	55.765	796.5	26.674	0
"2012-05-12	15:00:00"	7.4558	72.048	66.419	47.71	1109	26.657	0
"2012-05-12	16:00:00"	7.5341	79.682	68.442	43.779	982.79	26.636	0
"2012-05-12	17:00:00"	5.9937	71.141	69.838	40.42	838.47	26.621	0
"2012-05-12	18:00:00"	6.6642	90.872	70.786	39.329	586.01	26.604	0
"2012-05-12	19:00:00"	7.6795	79.501	71.076	39.363	407.87	26.595	0
"2012-05-12	20:00:00"	8.4581	84.138	70.611	41.098	180.68	26.607	0
"2012-05-12	21:00:00"	7.3092	88.42	68.176	46.576	22.953	26.621	0
"2012-05-12	22:00:00"	6.3224	89.521	64.35	55.643	0.08098	26.648	0
"2012-05-12	23:00:00"	5.2686	88.241	62.442	60.389	0.11659	26.674	0
"2012-05-13	00:00:00"	3.1814	54.057	60.124	66.404	0.10514	26.689	0
"2012-05-13	01:00:00"	6.2964	96.779	59.889	67.855	0.09751	26.663	0
"2012-05-13	02:00:00"	8.3916	122.49	59.892	71.943	0.12464	26.666	0
"2012-05-13	03:00:00"	5.4531	138.03	58.69	77.571	0.11023	26.674	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-13	04:00:00"	2.711	146.41	57.506	81.381	0.13991	26.663	0
"2012-05-13	05:00:00"	5.6818	150.68	56.906	82.761	0.09433	26.669	0
"2012-05-13	06:00:00"	2.6085	110.56	55.42	86.51	0.09221	26.68	0
"2012-05-13	07:00:00"	1.6485	38.963	53.786	89.526	0.84813	26.677	0
"2012-05-13	08:00:00"	3.6996	87.174	55.392	87.474	31.761	26.683	0
"2012-05-13	09:00:00"	7.5124	130.35	58.463	79.88	297.37	26.695	0
"2012-05-13	10:00:00"	10.536	121.98	61.636	68.919	504.16	26.698	0
"2012-05-13	11:00:00"	11.51	124.22	63.259	63.598	654.64	26.689	0
"2012-05-13	12:00:00"	11.218	136.2	65.437	57.388	825.86	26.674	0
"2012-05-13	13:00:00"	7.0637	127.95	66.945	51.242	566.3	26.707	0
"2012-05-13	14:00:00"	4.1315	106.34	67.675	50.67	302.12	26.677	0
"2012-05-13	15:00:00"	8.844	81.22	68.928	48.844	652.33	26.627	0
"2012-05-13	16:00:00"	10.859	104.68	70.676	44.175	410.05	26.598	0
"2012-05-13	17:00:00"	13.03	111.24	71.083	44.838	627	26.562	0
"2012-05-13	18:00:00"	10.568	101.52	72.083	40.178	235.99	26.568	0
"2012-05-13	19:00:00"	12.67	77.926	70.857	42.902	212.34	26.556	0
"2012-05-13	20:00:00"	12.69	85.545	69.358	44.712	100.74	26.553	0
"2012-05-13	21:00:00"	11.188	83.055	67.185	48.787	12.515	26.577	0
"2012-05-13	22:00:00"	9.9432	42.068	64.658	59.859	0.10726	26.636	0.02
"2012-05-13	23:00:00"	6.7928	39.145	60.145	82.687	0.0797	26.636	0.07
"2012-05-14	00:00:00"	6.2957	123.94	60.059	79.995	0.08098	26.636	0.01
"2012-05-14	01:00:00"	7.4614	188.75	59.966	80.352	0.08352	26.604	0
"2012-05-14	02:00:00"	6.2746	176.07	59.6	81.266	0.10387	26.621	0
"2012-05-14	03:00:00"	6.0683	24.098	58.944	84.027	0.08479	26.559	0
"2012-05-14	04:00:00"	6.1435	87.555	59.122	82.36	0.08861	26.539	0
"2012-05-14	05:00:00"	4.5217	109.07	57.674	85.435	0.09793	26.547	0
"2012-05-14	06:00:00"	2.711	271.48	56.702	87.561	0.09369	26.571	0
"2012-05-14	07:00:00"	3.2721	330.8	57.096	89.736	0.44961	26.58	0
"2012-05-14	08:00:00"	6.4734	327.17	57.769	88.926	13.39	26.624	0
"2012-05-14	09:00:00"	7.4161	2.5169	58.169	87.964	30.208	26.615	0.01
"2012-05-14	10:00:00"	5.2574	49.645	58.206	88.816	114.4	26.586	0.02
"2012-05-14	11:00:00"	7.9045	131.83	58.854	87.669	85.283	26.598	0.01
"2012-05-14	12:00:00"	5.5706	289.36	58.668	85.985	25.02	26.627	0.01
"2012-05-14	13:00:00"	4.971	261.66	59.106	84.096	89.739	26.612	0
"2012-05-14	14:00:00"	8.2816	193.66	58.785	80.648	113.36	26.512	0
"2012-05-14	15:00:00"	7.8647	4.7385	63.012	62.091	756.14	26.553	0
"2012-05-14	16:00:00"	7.3303	278.77	66.596	52.458	762.78	26.556	0
"2012-05-14	17:00:00"	11.837	344.35	63.601	59.295	317.44	26.556	0
"2012-05-14	18:00:00"	15.068	8.6333	58.599	73.254	86.842	26.565	0
"2012-05-14	19:00:00"	11.867	27.033	57.589	79.066	102.01	26.539	0.01
"2012-05-14	20:00:00"	9.7369	44.164	57.236	76.49	51.57	26.553	0
"2012-05-14	21:00:00"	6.5002	25.394	56.642	79.952	18.257	26.571	0
"2012-05-14	22:00:00"	4.82	24.279	54.856	84.666	0.15517	26.586	0
"2012-05-14	23:00:00"	4.2421	354.43	53.675	88.693	0.11404	26.609	0
"2012-05-15	00:00:00"	4.1582	7.5687	53.221	89.207	0.0867	26.604	0
"2012-05-15	01:00:00"	6.735	347.11	53.79	89.603	0.10316	26.589	0
"2012-05-15	02:00:00"	5.1319	6.7726	52.998	90.14	0.07144	26.58	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-15	03:00:00"	5.6048	12.152	51.906	90.87	0.06465	26.574	0
"2012-05-15	04:00:00"	5.3898	6.0394	51.323	91.124	0.08755	26.571	0
"2012-05-15	05:00:00"	4.6242	342.5	50.502	92.027	0.07992	26.577	0
"2012-05-15	06:00:00"	4.1607	317.27	49.019	92.42	0.06911	26.586	0
"2012-05-15	07:00:00"	3.7935	339.8	49.077	92.768	0.94585	26.601	0
"2012-05-15	08:00:00"	5.5613	357.8	50.259	91.229	77.064	26.615	0
"2012-05-15	09:00:00"	7.8436	13.71	54.608	83.579	267.23	26.624	0
"2012-05-15	10:00:00"	5.107	12.596	59.269	72.544	499.18	26.639	0
"2012-05-15	11:00:00"	3.5555	8.7978	63.22	58.833	683.11	26.645	0
"2012-05-15	12:00:00"	3.7233	328.56	65.209	54.415	620.15	26.636	0
"2012-05-15	13:00:00"	3.5033	327.82	67.368	48.579	663.08	26.627	0
"2012-05-15	14:00:00"	3.3231	55.987	68.812	42.257	782.69	26.612	0
"2012-05-15	15:00:00"	4.2489	289.12	71.363	36.726	878.53	26.604	0
"2012-05-15	16:00:00"	4.4298	284.95	73.205	31.845	781.11	26.586	0
"2012-05-15	17:00:00"	5.299	27.92	73.777	28.604	637.01	26.574	0
"2012-05-15	18:00:00"	3.9358	50.238	74.829	25.935	607.55	26.559	0
"2012-05-15	19:00:00"	4.3813	33.573	74.984	25.032	373.18	26.556	0
"2012-05-15	20:00:00"	4.4633	43.765	74.544	26.091	191.6	26.556	0
"2012-05-15	21:00:00"	3.1336	105.46	72.845	29.457	31.068	26.568	0
"2012-05-15	22:00:00"	5.7023	116.91	68.667	37.164	0.10281	26.58	0
"2012-05-15	23:00:00"	5.867	128.57	65.859	42.282	0.09306	26.595	0
"2012-05-16	00:00:00"	3.8177	133.95	63.919	46.518	0.11574	26.601	0
"2012-05-16	01:00:00"	2.6141	185.02	61.93	52.719	0.09115	26.598	0
"2012-05-16	02:00:00"	3.7083	239.06	61.557	52.229	0.10663	26.595	0
"2012-05-16	03:00:00"	2.4122	238.5	59.31	58.365	0.12062	26.58	0
"2012-05-16	04:00:00"	2.4432	264.52	59.542	57.397	0.12295	26.571	0
"2012-05-16	05:00:00"	0.9333	294.94	56.067	66.943	0.15411	26.574	0
"2012-05-16	06:00:00"	0.6425	19.157	52.792	79.407	0.13736	26.577	0
"2012-05-16	07:00:00"	3.292	312.79	53.768	80.574	1.6327	26.58	0
"2012-05-16	08:00:00"	4.001	307.59	56.527	74.661	83.209	26.595	0
"2012-05-16	09:00:00"	6.1932	298.27	62.771	60.811	288.83	26.609	0
"2012-05-16	10:00:00"	6.2522	279.93	68.024	50.193	527.72	26.615	0
"2012-05-16	11:00:00"	6.9513	266.92	72.678	35.134	746.63	26.615	0
"2012-05-16	12:00:00"	5.0356	226.68	74.611	28.21	930.06	26.612	0
"2012-05-16	13:00:00"	6.635	211.96	75.76	25.386	1055.3	26.598	0
"2012-05-16	14:00:00"	6.0845	200.86	77.071	24.074	1109.5	26.574	0
"2012-05-16	15:00:00"	6.9339	185.53	78.105	20.973	1098.2	26.55	0
"2012-05-16	16:00:00"	7.4627	202.76	79.859	19.673	1007.7	26.527	0
"2012-05-16	17:00:00"	7.7845	187.71	80.007	18.725	857.98	26.503	0
"2012-05-16	18:00:00"	7.4888	205.07	80.398	19.675	659.64	26.491	0
"2012-05-16	19:00:00"	7.531	185.47	79.904	20.184	434.63	26.48	0
"2012-05-16	20:00:00"	8.1114	181.99	79.074	21.529	203.48	26.48	0
"2012-05-16	21:00:00"	7.8342	159.07	76.151	23.884	34.279	26.494	0
"2012-05-16	22:00:00"	4.9834	177.48	71.221	33.355	0.11129	26.503	0
"2012-05-16	23:00:00"	4.897	178.95	67.907	40.381	0.08649	26.515	0
"2012-05-17	00:00:00"	4.6441	169.96	66.206	42.169	0.10959	26.512	0
"2012-05-17	01:00:00"	3.457	170.44	64.871	44.084	0.10062	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-17	02:00:00"	6.4852	162.26	64.199	46.244	0.11892	26.488	0
"2012-05-17	03:00:00"	5.8434	170.81	62.09	52.782	0.12168	26.485	0
"2012-05-17	04:00:00"	3.6251	182.48	59.901	57.167	0.09264	26.483	0
"2012-05-17	05:00:00"	2.1226	203.15	59.145	58.796	0.10875	26.488	0
"2012-05-17	06:00:00"	0.93951	179.03	58.259	61.359	0.14584	26.483	0
"2012-05-17	07:00:00"	2.0257	188.14	56.249	68.083	1.9102	0	0
"2012-05-17	08:00:00"	2.4383	164.73	57.961	63.559	89.854	26.491	0
"2012-05-17	09:00:00"	7.7286	180.93	63.248	53.286	294.65	26.5	0
"2012-05-17	10:00:00"	15.474	187.12	69.148	42.091	533.47	26.503	0
"2012-05-17	11:00:00"	18.101	189.03	72.135	36.365	749.32	26.491	0
"2012-05-17	12:00:00"	16.747	183.03	74.849	30.445	930.41	26.474	0
"2012-05-17	13:00:00"	15.761	179.42	77.83	26.08	1050.6	26.459	0
"2012-05-17	14:00:00"	13.911	180.05	80.22	21.355	1103.4	26.435	0
"2012-05-17	15:00:00"	12.092	184.9	82.103	17.685	1085.9	26.412	0
"2012-05-17	16:00:00"	11.888	183.27	83.647	16.014	994.42	26.385	0
"2012-05-17	17:00:00"	14.095	174.91	84.596	16.334	843.2	26.358	0
"2012-05-17	18:00:00"	13.945	176.72	84.961	16.564	649.61	26.338	0
"2012-05-17	19:00:00"	14.882	183.31	84.548	17.636	400.87	26.332	0
"2012-05-17	20:00:00"	14.777	171.88	83.163	19.259	170.47	26.326	0
"2012-05-17	21:00:00"	12.837	161.86	79.864	23.389	36.158	26.32	0
"2012-05-17	22:00:00"	11.462	154.82	75.596	28.5	0.1168	26.323	0
"2012-05-17	23:00:00"	14.06	161.38	73.141	33.603	0.10408	26.338	0
"2012-05-18	00:00:00"	15.44	167.84	71.783	36.671	0.10048	26.338	0
"2012-05-18	01:00:00"	16.602	173.54	69.92	41.929	0.10726	26.332	0
"2012-05-18	02:00:00"	14.193	182.58	67.736	47.778	0.10111	26.323	0
"2012-05-18	03:00:00"	13.622	182.16	66.076	51.632	0.09094	26.311	0
"2012-05-18	04:00:00"	12.56	186.74	64.627	55.613	0.11447	26.302	0
"2012-05-18	05:00:00"	11.559	188.14	63.689	59.934	0.11087	26.299	0
"2012-05-18	06:00:00"	10.768	190.34	62.554	63.021	0.10747	26.288	0
"2012-05-18	07:00:00"	10.927	192.81	61.824	65.226	1.5875	26.291	0
"2012-05-18	08:00:00"	8.478	194.27	61.438	66.817	80.204	26.302	0
"2012-05-18	09:00:00"	11.448	192.63	64.808	59.893	282.97	26.308	0
"2012-05-18	10:00:00"	11.551	198.28	70.255	47.902	522.44	26.317	0
"2012-05-18	11:00:00"	11.128	220.47	76.049	36.823	744.38	26.311	0
"2012-05-18	12:00:00"	9.7798	221.65	82.09	27.608	925.02	26.308	0
"2012-05-18	13:00:00"	10.264	211.85	86.603	22.275	1046	26.299	0
"2012-05-18	14:00:00"	13.259	197.07	89.864	16.729	1098.2	26.279	0
"2012-05-18	15:00:00"	12.168	213.58	93.172	11.408	1081.7	26.264	0
"2012-05-18	16:00:00"	14.997	215.68	94.212	10.008	995.08	26.24	0
"2012-05-18	17:00:00"	16.448	219.85	94.81	9.6086	847	26.22	0
"2012-05-18	18:00:00"	14.453	227.15	95.27	9.1506	651.29	26.208	0
"2012-05-18	19:00:00"	15.283	214.89	94.401	8.7261	425.08	26.199	0
"2012-05-18	20:00:00"	17.912	190.49	90.387	18.654	199.16	26.205	0
"2012-05-18	21:00:00"	17.786	173.21	83.622	31.978	25.243	26.234	0
"2012-05-18	22:00:00"	12.503	176.02	78.941	40.962	0.11871	26.249	0
"2012-05-18	23:00:00"	13.428	182.34	75.701	48.617	0.08903	26.267	0
"2012-05-19	00:00:00"	14.064	181.89	73.1	55.215	0.10578	26.267	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-19	01:00:00"	14.994	180.22	71.481	57.746	0.0956	26.273	0
"2012-05-19	02:00:00"	14.557	182.91	70.106	56.544	0.10239	26.273	0
"2012-05-19	03:00:00"	14.426	180.88	68.936	55.758	0.09412	26.27	0
"2012-05-19	04:00:00"	12.039	184.58	67.937	56.257	0.11744	26.264	0
"2012-05-19	05:00:00"	10.153	190.45	66.513	58.165	0.09264	26.276	0
"2012-05-19	06:00:00"	8.967	191.61	65.104	60.658	0.0973	26.273	0
"2012-05-19	07:00:00"	8.509	197.99	63.701	63.465	1.8271	26.288	0
"2012-05-19	08:00:00"	6.7139	204.88	63.013	65.46	83.586	26.311	0
"2012-05-19	09:00:00"	8.4593	201.55	66.418	59.206	293.14	26.329	0
"2012-05-19	10:00:00"	9.333	218.05	71.749	47.558	536.36	26.353	0
"2012-05-19	11:00:00"	6.9239	234.65	77.949	35.371	756.09	26.356	0
"2012-05-19	12:00:00"	5.7427	296.77	83.471	20.484	937.05	26.364	0
"2012-05-19	13:00:00"	5.0107	322.4	85.557	17.318	1060.4	26.353	0
"2012-05-19	14:00:00"	7.2769	229.92	88.735	11.888	1125	26.338	0
"2012-05-19	15:00:00"	10.021	238.14	91.767	8.5764	1116.7	26.329	0
"2012-05-19	16:00:00"	11.552	238.68	92.315	7.6811	1028.1	26.326	0
"2012-05-19	17:00:00"	9.282	248.74	92.199	8.5733	869.24	26.305	0
"2012-05-19	18:00:00"	8.3556	225.83	92.355	8.1483	670.36	26.296	0
"2012-05-19	19:00:00"	12.251	224.27	92.332	7.3125	447.3	26.294	0
"2012-05-19	20:00:00"	10.624	235.6	91.041	7.6858	216.81	26.299	0
"2012-05-19	21:00:00"	4.0097	230.97	86.285	9.8511	38.284	26.317	0
"2012-05-19	22:00:00"	3.5275	213.39	80.927	12.901	0.13122	26.344	0
"2012-05-19	23:00:00"	14.216	174.59	78.011	37.48	0.09115	26.373	0
"2012-05-20	00:00:00"	11.789	176.97	74.839	52.029	0.08416	26.385	0
"2012-05-20	01:00:00"	10.582	179.12	72.031	63.259	0.0973	26.394	0
"2012-05-20	02:00:00"	9.6213	187.76	70.315	70.978	0.09772	26.403	0
"2012-05-20	03:00:00"	7.9386	183.29	68.664	73.847	0.092	26.397	0
"2012-05-20	04:00:00"	6.6269	186.71	67.367	74.379	0.09836	26.391	0
"2012-05-20	05:00:00"	4.6789	181.61	65.914	75.828	0.1185	26.397	0
"2012-05-20	06:00:00"	4.1856	183.34	64.832	75.384	0.10408	26.412	0
"2012-05-20	07:00:00"	7.526	345.18	64.843	71.715	1.802	26.474	0
"2012-05-20	08:00:00"	3.9463	47.49	64.19	75.658	81.234	26.488	0
"2012-05-20	09:00:00"	8.3773	92.968	68.435	63.98	275.53	26.518	0
"2012-05-20	10:00:00"	8.286	82.05	72.097	54.249	476.48	26.53	0
"2012-05-20	11:00:00"	11.31	26.798	72.948	55.583	731.1	26.542	0
"2012-05-20	12:00:00"	9.6486	25.533	74.891	51.677	872.1	26.553	0
"2012-05-20	13:00:00"	9.3367	40.956	77.218	46.924	977.75	26.55	0
"2012-05-20	14:00:00"	10.653	68.335	80.106	40.814	1065.7	26.539	0
"2012-05-20	15:00:00"	11.782	77.152	81.538	38.177	1011.6	26.527	0
"2012-05-20	16:00:00"	11.771	97.749	82.482	36.585	960.91	26.518	0
"2012-05-20	17:00:00"	12.137	104.09	82.971	36.761	733.92	26.5	0
"2012-05-20	18:00:00"	11.873	112.64	83.414	35.823	580.71	26.491	0
"2012-05-20	19:00:00"	11.265	110.26	82.831	35.95	286.42	26.494	0
"2012-05-20	20:00:00"	11.516	112.42	82.063	35.735	123.49	26.503	0
"2012-05-20	21:00:00"	10.958	110.29	80.44	37.766	14.73	26.521	0
"2012-05-20	22:00:00"	11.536	115.11	78.282	39.958	0.10853	26.545	0
"2012-05-20	23:00:00"	10.381	107.65	75.312	47.181	0.10196	26.568	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-21	00:00:00"	10.678	110.31	73.999	50.686	0.10832	26.58	0
"2012-05-21	01:00:00"	13.031	119.53	73.238	52.744	0.10726	26.589	0
"2012-05-21	02:00:00"	8.8775	119.41	71.116	56.677	0.09052	26.592	0
"2012-05-21	03:00:00"	4.7305	107.6	68.275	62.259	0.11468	26.586	0
"2012-05-21	04:00:00"	8.1772	134.21	67.924	62.605	0.10451	26.58	0
"2012-05-21	05:00:00"	7.3098	135.07	66.642	66.023	0.10408	26.598	0
"2012-05-21	06:00:00"	3.6475	71.934	63.079	73.771	0.12634	26.595	0
"2012-05-21	07:00:00"	4.6298	92.598	62.388	76.338	3.9265	26.612	0
"2012-05-21	08:00:00"	5.6035	75.935	63.188	75.776	114.73	26.621	0
"2012-05-21	09:00:00"	9.9127	127.86	68.048	63.03	285.7	26.63	0
"2012-05-21	10:00:00"	12.953	147.04	70.668	56.757	514.35	26.645	0
"2012-05-21	11:00:00"	11.99	145.66	72.924	54.461	728.53	26.648	0
"2012-05-21	12:00:00"	10.118	137.96	75.529	49.196	905.36	26.645	0
"2012-05-21	13:00:00"	11.957	126.35	78.062	43.759	1041.1	26.636	0
"2012-05-21	14:00:00"	13.364	131.41	80.39	38.048	1034.2	26.618	0
"2012-05-21	15:00:00"	14.725	138.87	81.804	34.914	1092.3	26.601	0
"2012-05-21	16:00:00"	14.509	141.71	82.51	33.81	953.05	26.58	0
"2012-05-21	17:00:00"	13.112	147.25	82.978	32.07	778.52	26.562	0
"2012-05-21	18:00:00"	12.877	158.47	82.979	31.41	595.35	26.547	0
"2012-05-21	19:00:00"	13.519	165.53	82.845	31.713	398.5	26.542	0
"2012-05-21	20:00:00"	12.56	159.2	81.221	33.901	120.13	26.536	0
"2012-05-21	21:00:00"	11.052	149.81	79.383	36.93	28.534	26.539	0
"2012-05-21	22:00:00"	7.5987	136.14	76.239	42.247	0.08946	26.547	0
"2012-05-21	23:00:00"	8.2481	139.37	74.143	45.935	0.09136	26.542	0
"2012-05-22	00:00:00"	10.196	151.56	72.853	48.202	0.0903	26.539	0
"2012-05-22	01:00:00"	9.3747	141.18	71.059	51.674	0.11584	26.527	0
"2012-05-22	02:00:00"	5.473	146.25	68.955	56.332	0.10217	26.527	0
"2012-05-22	03:00:00"	4.518	148.99	67.688	57.983	0.10917	26.521	0
"2012-05-22	04:00:00"	3.6425	81.595	65.09	62.956	0.09836	26.53	0
"2012-05-22	05:00:00"	4.3645	33.931	59.742	76.357	0.1221	26.536	0
"2012-05-22	06:00:00"	4.9759	29.802	59.375	78.842	0.0884	26.536	0
"2012-05-22	07:00:00"	6.2218	60.789	59.617	78.735	0.87696	26.518	0
"2012-05-22	08:00:00"	7.8572	93.08	62.393	71.415	65.172	26.506	0
"2012-05-22	09:00:00"	11.818	143.42	67.86	59.724	254.89	26.506	0
"2012-05-22	10:00:00"	14.958	171.64	70.823	54.652	486.43	26.509	0
"2012-05-22	11:00:00"	15.203	185.58	74.164	48.309	725.07	26.485	0
"2012-05-22	12:00:00"	16.558	179.17	77.663	39.935	899.14	26.471	0
"2012-05-22	13:00:00"	18.698	185.68	80.211	35.38	1022.7	26.438	0
"2012-05-22	14:00:00"	16.328	180.79	83.049	30.728	998.74	26.403	0
"2012-05-22	15:00:00"	15.089	186.23	86.144	26.059	808.33	26.376	0
"2012-05-22	16:00:00"	14.029	181.34	88.151	22.354	388.01	26.353	0
"2012-05-22	17:00:00"	14.436	182.24	88.74	24.042	751.96	26.317	0
"2012-05-22	18:00:00"	15.043	176.97	89.439	24.065	630.22	26.291	0
"2012-05-22	19:00:00"	15.7	168.02	89.492	24.79	413.34	26.273	0
"2012-05-22	20:00:00"	17.022	167.76	87.622	27.928	197.84	26.261	0
"2012-05-22	21:00:00"	15.435	170.21	84.15	32.615	18.685	26.258	0
"2012-05-22	22:00:00"	13.789	170.87	80.588	37.803	0.06656	26.255	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-22	23:00:00"	15.315	171.92	78.11	41.132	0.07377	26.249	0
"2012-05-23	00:00:00"	15.107	174.06	76.051	44.211	0.06614	26.246	0
"2012-05-23	01:00:00"	13.674	176.35	74.046	47.331	0.08076	26.229	0
"2012-05-23	02:00:00"	10.181	180.58	71.371	52.629	0.09772	26.211	0
"2012-05-23	03:00:00"	9.5399	189.44	70.348	53.178	0.07334	26.202	0
"2012-05-23	04:00:00"	8.6967	190.98	68.733	58.628	0.05088	26.181	0
"2012-05-23	05:00:00"	9.4243	195.45	67.037	62.993	0.07992	26.172	0
"2012-05-23	06:00:00"	7.6018	199.33	64.921	67.619	0.07886	26.167	0
"2012-05-23	07:00:00"	5.5693	215.37	63.126	71.677	1.9744	26.175	0
"2012-05-23	08:00:00"	5.0598	217.55	62.724	73.16	80.609	26.19	0
"2012-05-23	09:00:00"	4.9896	212.82	65.661	66.32	288.96	26.199	0
"2012-05-23	10:00:00"	5.1797	223.14	73.282	46.864	514.96	26.202	0
"2012-05-23	11:00:00"	6.6536	265.69	84.515	19.773	716.31	26.193	0
"2012-05-23	12:00:00"	7.5559	265.15	89.693	11.112	675.62	26.199	0
"2012-05-23	13:00:00"	10.972	250.25	92.855	9.3306	940.1	26.181	0
"2012-05-23	14:00:00"	13.873	257.37	94.845	7.4322	1049	26.152	0
"2012-05-23	15:00:00"	13.502	259.17	96.768	6.8322	1035.8	26.131	0
"2012-05-23	16:00:00"	13.93	253.88	97.781	6.1714	918.58	26.099	0
"2012-05-23	17:00:00"	14.338	256.23	98.513	5.5119	802.59	26.078	0
"2012-05-23	18:00:00"	14.376	266.01	98.359	5.3272	675.88	26.063	0
"2012-05-23	19:00:00"	12.943	237.88	97.944	5.5525	451.95	26.051	0
"2012-05-23	20:00:00"	10.239	235.86	96.446	6.1192	229.62	26.045	0
"2012-05-23	21:00:00"	8.0449	222.92	92.155	7.7167	27.571	26.054	0
"2012-05-23	22:00:00"	4.5056	217.65	85.878	11.179	0.12952	26.06	0
"2012-05-23	23:00:00"	8.2009	198.04	83.386	12.302	0.09242	26.069	0
"2012-05-24	00:00:00"	9.2914	201.24	80.598	14.273	0.1009	26.078	0
"2012-05-24	01:00:00"	7.1656	239.9	82.341	12.624	0.07504	26.081	0
"2012-05-24	02:00:00"	6.9258	249.43	82.564	12.62	0.09264	26.072	0
"2012-05-24	03:00:00"	10.915	269.78	83.072	12.369	0.0761	26.069	0
"2012-05-24	04:00:00"	5.8608	200.05	77.817	15.018	0.07949	26.078	0
"2012-05-24	05:00:00"	5.2301	200.26	72.125	19.299	0.09348	26.087	0
"2012-05-24	06:00:00"	4.8734	263.5	71.854	19.323	0.11341	26.099	0
"2012-05-24	07:00:00"	7.3036	266.39	74.104	17.784	1.7872	26.119	0
"2012-05-24	08:00:00"	10.976	281.11	76.307	16.706	77.265	26.143	0
"2012-05-24	09:00:00"	14.726	272.78	79.917	15.408	295.47	26.152	0
"2012-05-24	10:00:00"	16.335	267.57	83.175	13.717	504.07	26.169	0
"2012-05-24	11:00:00"	17.884	271.76	85.942	11.896	705.57	26.169	0
"2012-05-24	12:00:00"	16.464	274.9	88.36	10.789	886.79	26.178	0
"2012-05-24	13:00:00"	15.019	278.46	90.652	9.8439	1034.5	26.172	0
"2012-05-24	14:00:00"	14.796	267.69	93.161	8.107	1123.2	26.164	0
"2012-05-24	15:00:00"	14.327	262.57	94.49	7.1392	1114.8	26.149	0
"2012-05-24	16:00:00"	13.639	255.95	95.301	6.442	1034.2	26.137	0
"2012-05-24	17:00:00"	13.704	250.31	95.899	5.8025	897.76	26.128	0
"2012-05-24	18:00:00"	9.9512	235.81	96.147	5.6594	706.69	26.116	0
"2012-05-24	19:00:00"	13.206	227.57	95.821	6.2689	481.36	26.107	0
"2012-05-24	20:00:00"	14.734	225.89	94.442	7.6631	241.63	26.116	0
"2012-05-24	21:00:00"	10.644	222.29	90.955	10.131	35.713	26.131	0

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"2012-05-24	22:00:00"	6.8587	208.99	86.663	10.944	0.13715	26.149	0
"2012-05-24	23:00:00"	4.6541	206.93	83.212	12.137	0.07334	26.161	0
"2012-05-25	00:00:00"	6.9966	168.01	77.68	16.77	0.11913	26.178	0
"2012-05-25	01:00:00"	13.964	163.71	79.329	31.989	0.09984	26.178	0
"2012-05-25	02:00:00"	10.791	180.48	77.636	38.298	0.09221	26.193	0
"2012-05-25	03:00:00"	6.2379	209.32	75.237	43.494	0.1363	26.199	0
"2012-05-25	04:00:00"	6.7804	181	72.853	50.911	0.10429	26.193	0
"2012-05-25	05:00:00"	5.4115	192.13	72.033	57.149	0.10769	26.214	0
"2012-05-25	06:00:00"	3.233	234.99	69.705	61.881	0.07186	26.22	0
"2012-05-25	07:00:00"	4.6516	225.16	69.481	61.902	1.7225	26.237	0
"2012-05-25	08:00:00"	4.28	222.98	67.431	65.058	70.372	26.261	0
"2012-05-25	09:00:00"	4.7112	226.97	72.514	48.945	237.67	26.279	0
"2012-05-25	10:00:00"	9.2721	277.06	81.962	20.726	469.07	26.294	0
"2012-05-25	11:00:00"	14.675	285.91	88.115	11.239	695.67	26.299	0
"2012-05-25	12:00:00"	12.911	279.03	90.572	9.8878	879.21	26.299	0
"2012-05-25	13:00:00"	9.5554	237.92	91.73	10.633	955.02	26.302	0
"2012-05-25	14:00:00"	10.872	199.23	91.724	12.581	1007.5	26.296	0
"2012-05-25	15:00:00"	14.136	195.91	93.96	9.4353	1002.5	26.282	0
"2012-05-25	16:00:00"	17.323	181.28	94.323	9.372	991.08	26.267	0
"2012-05-25	17:00:00"	15.422	173.77	94.507	9.482	835.67	26.261	0
"2012-05-25	18:00:00"	15.47	165.2	94.041	9.9353	648.93	26.258	0
"2012-05-25	19:00:00"	16.989	166.84	93.552	11.841	431.96	26.252	0
"2012-05-25	20:00:00"	20.236	160.32	90.504	24.284	204.45	26.258	0
"2012-05-25	21:00:00"	15.358	149.04	86.366	28.483	32.287	26.276	0
"2012-05-25	22:00:00"	21.912	159.42	81.57	41.169	0.15835	26.302	0
"2012-05-25	23:00:00"	23.185	170.46	77.404	55.242	0.09454	26.323	0
"2012-05-26	00:00:00"	22.7	182.55	78.365	42.444	0.07949	26.332	0
"2012-05-26	01:00:00"	19.422	186.33	78.168	36.441	0.085	26.338	0
"2012-05-26	02:00:00"	17.381	192.13	77.123	34.004	0.0761	26.341	0
"2012-05-26	03:00:00"	13.922	193.56	75.309	35.718	0.09772	26.347	0
"2012-05-26	04:00:00"	12.421	187.61	74.336	36.622	0.11998	26.344	0
"2012-05-26	05:00:00"	12.223	172.85	72.916	38.35	0.07101	26.353	0
"2012-05-26	06:00:00"	14.359	157.14	71.163	42.097	0.08225	26.361	0
"2012-05-26	07:00:00"	12.772	154.56	70.384	51.602	1.819	26.37	0
"2012-05-26	08:00:00"	12.992	152.92	70.026	74.244	64.995	26.37	0
"2012-05-26	09:00:00"	17.746	165.61	72.983	62.783	253.58	26.388	0
"2012-05-26	10:00:00"	22.598	168.9	75.313	50.132	473.07	26.385	0
"2012-05-26	11:00:00"	22.273	167.31	76.566	51.831	686.7	26.388	0
"2012-05-26	12:00:00"	21.349	175.61	79.086	49.02	866.77	26.385	0
"2012-05-26	13:00:00"	20.598	181.23	81.985	44.211	956.63	26.373	0
"2012-05-26	14:00:00"	18.623	181.16	84.389	39.627	1044.2	26.353	0
"2012-05-26	15:00:00"	19.15	176.03	86.271	37.212	1035.5	26.338	0
"2012-05-26	16:00:00"	19.563	170.88	87.055	37.601	959.09	26.32	0
"2012-05-26	17:00:00"	19.348	172.21	87.585	36.256	820.02	26.299	0
"2012-05-26	18:00:00"	20.045	164.64	88.205	34.656	640.06	26.279	0
"2012-05-26	19:00:00"	23.285	160.77	87.57	34.671	428.81	26.258	0
"2012-05-26	20:00:00"	22.619	158.52	84.475	33.572	248.32	26.264	0

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"2012-05-26	21:00:00"	16.35	167.05	80.171	34.177	30.972	26.258	0
"2012-05-26	22:00:00"	20.446	159.62	77.921	44.462	0.13524	26.291	0
"2012-05-26	23:00:00"	12.628	270.59	75.988	50.546	0.08818	26.409	0.03
"2012-05-27	00:00:00"	8.9477	324.6	67.146	84.125	0.06635	26.385	0.64
"2012-05-27	01:00:00"	11.221	62.215	66.186	87.576	0.07398	26.347	0
"2012-05-27	02:00:00"	11.259	76.933	66.787	84.271	0.08076	26.335	0
"2012-05-27	03:00:00"	7.326	91.337	66.856	83.303	0.09094	26.332	0
"2012-05-27	04:00:00"	3.3871	111.67	66.402	85.71	0.0814	26.326	0
"2012-05-27	05:00:00"	5.2953	151.31	67.626	79.298	0.08606	26.317	0
"2012-05-27	06:00:00"	7.4185	162.38	67.111	79.979	0.09878	26.323	0
"2012-05-27	07:00:00"	9.4007	191.98	66.454	79.684	2.003	26.344	0
"2012-05-27	08:00:00"	10.222	196.77	66.477	79.256	82.27	26.35	0
"2012-05-27	09:00:00"	14.872	194.01	68.068	79.683	275.25	26.356	0
"2012-05-27	10:00:00"	14.192	200.18	70.814	75.464	501.9	26.361	0
"2012-05-27	11:00:00"	12.4	206.25	74.13	64.531	715.39	26.367	0
"2012-05-27	12:00:00"	9.996	217.68	77.768	48.694	894.79	26.37	0
"2012-05-27	13:00:00"	9.676	220.48	81.131	37.867	1026.1	26.361	0
"2012-05-27	14:00:00"	10.655	226.5	84.997	25.285	1092.7	26.347	0
"2012-05-27	15:00:00"	12.681	232.38	87.887	18.608	1088.4	26.332	0
"2012-05-27	16:00:00"	12.45	233.05	89.568	15.159	1016	26.308	0
"2012-05-27	17:00:00"	11.79	219.49	89.758	15.617	879.11	26.296	0
"2012-05-27	18:00:00"	11.434	214.69	90.384	15.21	692.18	26.285	0
"2012-05-27	19:00:00"	11.331	211.97	90.345	16.458	474.65	26.276	0
"2012-05-27	20:00:00"	13.173	190.12	88.146	25.191	239.53	26.276	0
"2012-05-27	21:00:00"	15.719	177.28	83.488	41.652	45.945	26.296	0
"2012-05-27	22:00:00"	11.331	185.66	79.347	54.635	0.18485	26.323	0
"2012-05-27	23:00:00"	8.3674	186.56	77.171	62.349	0.10663	26.344	0
"2012-05-28	00:00:00"	7.2197	184.18	74.887	68.247	0.07949	26.35	0
"2012-05-28	01:00:00"	7.7506	186.21	73.112	73.555	0.09766	26.347	0
"2012-05-28	02:00:00"	7.124	190.93	71.679	77.838	0.10578	26.347	0
"2012-05-28	03:00:00"	5.9931	187.93	70.636	80.153	0.08034	26.341	0
"2012-05-28	04:00:00"	4.5658	187.58	69.43	82.238	0.10048	26.344	0
"2012-05-28	05:00:00"	4.001	196.26	69.292	81.192	0.11998	26.35	0
"2012-05-28	06:00:00"	1.8983	241.93	68.343	82.926	0.07229	26.361	0
"2012-05-28	07:00:00"	2.2606	267.79	67.544	84.812	2.7585	26.382	0
"2012-05-28	08:00:00"	1.8809	300.36	67.025	87.761	84.811	26.397	0
"2012-05-28	09:00:00"	4.037	290.76	70.766	80.099	278.64	26.409	0
"2012-05-28	10:00:00"	4.2794	283.52	73.888	72.149	501.92	26.418	0
"2012-05-28	11:00:00"	4.6311	299.45	76.751	62.289	716.12	26.409	0
"2012-05-28	12:00:00"	4.2079	304.33	80.094	49.377	891.12	26.412	0
"2012-05-28	13:00:00"	5.5799	293.76	83.927	35.967	1029.7	26.403	0
"2012-05-28	14:00:00"	6.0801	280.59	88.032	15.481	1105.1	26.391	0
"2012-05-28	15:00:00"	5.8148	248.27	90.304	11.086	1101.5	26.373	0
"2012-05-28	16:00:00"	7.2141	221.49	91.461	10.619	1024.2	26.358	0
"2012-05-28	17:00:00"	8.2108	249.21	92.885	9.6922	887.98	26.341	0
"2012-05-28	18:00:00"	8.5028	247.16	92.92	8.5775	703.97	26.326	0
"2012-05-28	19:00:00"	8.716	255.8	92.646	8.6008	489.06	26.323	0

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"2012-05-28	20:00:00"	6.8021	253.14	91.323	8.5336	259.24	26.32	0
"2012-05-28	21:00:00"	2.0791	287.4	87.322	12.807	51.253	26.323	0
"2012-05-28	22:00:00"	1.3304	202.9	80.737	19.154	0.17594	26.329	0
"2012-05-28	23:00:00"	3.1286	186.65	80.93	16.867	0.09179	26.35	0
"2012-05-29	00:00:00"	1.4894	251.92	77.236	20.03	0.12019	26.356	0
"2012-05-29	01:00:00"	1.3812	317.48	70.72	33.201	0.09513	26.356	0
"2012-05-29	02:00:00"	3.3181	197.1	70.6	31.179	0.10726	26.364	0
"2012-05-29	03:00:00"	3.5841	204.88	72.657	38.286	0.11044	26.361	0
"2012-05-29	04:00:00"	4.3664	218.95	72.988	51.965	0.10747	26.358	0
"2012-05-29	05:00:00"	4.2284	211.09	70.666	61.285	0.09772	26.364	0
"2012-05-29	06:00:00"	5.0468	207.88	68.518	75.526	0.0884	26.373	0
"2012-05-29	07:00:00"	4.3993	224.62	67.332	80.883	2.1745	26.385	0
"2012-05-29	08:00:00"	3.4965	241.21	66.699	83.481	91.402	26.403	0
"2012-05-29	09:00:00"	6.0764	228.96	69.072	83.475	283.3	26.42	0
"2012-05-29	10:00:00"	7.0439	207.02	72.894	73.495	518.94	26.432	0
"2012-05-29	11:00:00"	4.9846	223.98	78.27	57.369	734.79	26.429	0
"2012-05-29	12:00:00"	6.0565	235.16	85.401	30.62	922.57	26.432	0
"2012-05-29	13:00:00"	8.5041	235.4	89.596	17.415	1061.8	26.42	0
"2012-05-29	14:00:00"	9.9276	239.36	92.776	8.9119	1133.3	26.409	0
"2012-05-29	15:00:00"	11.002	247.63	94.853	6.2825	1118.8	26.391	0
"2012-05-29	16:00:00"	11.649	276.6	95.864	5.5147	1043.4	26.373	0
"2012-05-29	17:00:00"	11.654	279.77	96.026	4.9747	899.53	26.353	0
"2012-05-29	18:00:00"	9.8556	268.12	96.079	5.0122	701.68	26.344	0
"2012-05-29	19:00:00"	8.8371	252.64	95.456	5.3272	477.83	26.338	0
"2012-05-29	20:00:00"	5.8446	253.22	94.139	6.0633	248.59	26.335	0
"2012-05-29	21:00:00"	1.2564	27.343	89.39	12.323	47.933	26.332	0
"2012-05-29	22:00:00"	1.4161	136.65	82.956	17.181	0.22067	26.335	0
"2012-05-29	23:00:00"	2.501	157.97	81.545	15.562	0.09645	26.35	0
"2012-05-30	00:00:00"	4.5397	184.2	77.394	17.634	0.10175	26.353	0
"2012-05-30	01:00:00"	4.2886	183.53	75.316	18.99	0.09301	26.356	0
"2012-05-30	02:00:00"	1.8803	182.24	72.024	24.543	0.09942	26.344	0
"2012-05-30	03:00:00"	2.7869	181.48	70.435	35.141	0.08691	26.329	0
"2012-05-30	04:00:00"	5.0213	172.67	68.453	54.269	0.08246	26.323	0
"2012-05-30	05:00:00"	4.5801	184.26	68.003	66.392	0.08182	26.326	0
"2012-05-30	06:00:00"	5.0884	190.22	69.011	69.658	0.06508	26.323	0
"2012-05-30	07:00:00"	6.2553	201.51	68.197	75.193	2.7685	26.332	0
"2012-05-30	08:00:00"	6.6748	209.01	67.428	77.041	92.639	26.341	0
"2012-05-30	09:00:00"	5.826	226.84	69.375	76.715	268.74	26.353	0
"2012-05-30	10:00:00"	6.6002	241.56	76.33	54.845	510.91	26.353	0
"2012-05-30	11:00:00"	5.9776	278.02	84.022	21.361	735.67	26.347	0
"2012-05-30	12:00:00"	7.1594	289.51	88.679	8.2828	920.79	26.338	0
"2012-05-30	13:00:00"	7.7715	286.25	90.851	7.4978	1065.4	26.32	0
"2012-05-30	14:00:00"	9.5443	275.72	94	6.3947	1127.2	26.302	0
"2012-05-30	15:00:00"	12.455	278.45	94.958	5.3711	1124.2	26.285	0
"2012-05-30	16:00:00"	9.7083	258.65	95.987	4.8994	1044.7	26.261	0
"2012-05-30	17:00:00"	9.8257	256.37	96.727	4.6047	906.29	26.24	0
"2012-05-30	18:00:00"	10.062	233.04	96.34	4.9656	715.51	26.223	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-05-30"	19:00:00"	8.5985	252.77	96.359	4.405	476.99	26.208	0
"2012-05-30"	20:00:00"	6.1746	255.81	94.744	4.6625	246.6	26.205	0
"2012-05-30"	21:00:00"	2.7371	209.83	91.168	5.7139	46.786	26.202	0
"2012-05-30"	22:00:00"	1.8212	241.4	83.324	9.5203	0.25734	26.208	0
"2012-05-30"	23:00:00"	3.6294	231.76	79.343	10.625	0.09836	26.214	0
"2012-05-31"	00:00:00"	6.6207	303.15	74.037	13.875	0.09518	26.22	0
"2012-05-31"	01:00:00"	8.665	329.29	70.372	19.05	0.08988	26.243	0
"2012-05-31"	02:00:00"	8.6339	42.531	70.513	52.606	0.09942	26.246	0
"2012-05-31"	03:00:00"	5.7036	49.96	66.678	65.864	0.10535	26.229	0
"2012-05-31"	04:00:00"	4.9032	29.081	64.037	73.774	0.09433	26.22	0
"2012-05-31"	05:00:00"	7.7429	18.845	63.422	79.156	0.09603	26.24	0
"2012-05-31"	06:00:00"	8.2064	9.7191	62.186	82.526	0.09221	26.24	0
"2012-05-31"	07:00:00"	10.729	15.784	60.797	85.046	1.9314	26.27	0
"2012-05-31"	08:00:00"	14.803	39.74	62.807	84.173	79.52	26.311	0
"2012-05-31"	09:00:00"	18.958	57.125	66.442	77.993	270.61	26.353	0
"2012-05-31"	10:00:00"	17.882	60.031	70.165	67.992	492.95	26.37	0
"2012-05-31"	11:00:00"	17.564	60.494	72.896	60.724	693.52	26.364	0
"2012-05-31"	12:00:00"	20.047	72.875	76.516	53.919	878.31	26.373	0
"2012-05-31"	13:00:00"	19.432	79.45	79.865	48.041	962.6	26.388	0
"2012-05-31"	14:00:00"	16.267	79.946	81.134	44.416	682.13	26.397	0
"2012-05-31"	15:00:00"	17.714	91.735	82.602	41.791	890.95	26.397	0
"2012-05-31"	16:00:00"	18.104	95.67	83.447	38.164	944.35	26.385	0
"2012-05-31"	17:00:00"	16.355	98.584	83.911	35.222	749.09	26.373	0
"2012-05-31"	18:00:00"	15.316	91.354	84.277	34.394	646.89	26.376	0
"2012-05-31"	19:00:00"	13.586	89.943	83.649	36.046	429.81	26.367	0
"2012-05-31"	20:00:00"	12.454	96.578	82.456	39.289	222.28	26.376	0
"2012-05-31"	21:00:00"	10.968	96.562	80.388	43.489	42.618	26.4	0
"2012-05-31"	22:00:00"	8.0088	100.68	77.177	48.741	0.23509	26.42	0
"2012-05-31"	23:00:00"	9.3268	108.01	75.219	51.661	0.07907	26.438	0
"2012-06-01"	00:00:00"	10.619	117.01	73.895	56.091	0.08225	26.444	0
"2012-06-01"	01:00:00"	9.1261	106.37	72.374	59.931	0.07229	26.456	0
"2012-06-01"	02:00:00"	8.7141	93.519	70.463	63.779	0.11426	26.45	0
"2012-06-01"	03:00:00"	11.407	96.106	69.638	60.707	0.10938	26.447	0
"2012-06-01"	04:00:00"	11.051	104.13	67.817	63.128	0.10726	26.435	0
"2012-06-01"	05:00:00"	12.257	113.35	67.173	65.58	0.09984	26.459	0
"2012-06-01"	06:00:00"	10.92	107.95	66.017	69.523	0.1238	26.468	0
"2012-06-01"	07:00:00"	11.816	113.54	65.844	72.295	0.95942	26.491	0
"2012-06-01"	08:00:00"	12.475	119.69	65.744	74.827	67.212	26.5	0
"2012-06-01"	09:00:00"	11.94	120.27	66.948	72.536	234.09	26.509	0
"2012-06-01"	10:00:00"	15.856	148.59	69.08	66.28	490.93	26.497	0
"2012-06-01"	11:00:00"	18.566	166.64	72.066	59.362	696.56	26.48	0
"2012-06-01"	12:00:00"	18.508	183.07	75.458	52.693	885.51	26.48	0
"2012-06-01"	13:00:00"	17.086	183.64	77.818	49.322	1018.3	26.465	0
"2012-06-01"	14:00:00"	17.201	185.55	80.084	44.134	1077.4	26.45	0
"2012-06-01"	15:00:00"	15.883	194.26	82.317	39.697	1056.7	26.432	0
"2012-06-01"	16:00:00"	15.142	194.34	84.667	35.626	993.52	26.403	0
"2012-06-01"	17:00:00"	15.939	195.92	86.038	32.858	862.91	26.379	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-01	18:00:00"	15.14	191.91	87.099	29.935	682.14	26.361	0
"2012-06-01	19:00:00"	14.283	200.14	87.373	28.054	392.21	26.338	0
"2012-06-01	20:00:00"	13.14	197.56	86.359	28.961	163.42	26.323	0
"2012-06-01	21:00:00"	10.192	187.12	83.849	31.454	37.643	26.323	0
"2012-06-01	22:00:00"	7.0799	167.4	79.493	38.163	0.38453	26.338	0
"2012-06-01	23:00:00"	7.4204	158.49	76.866	41.823	0.10599	26.356	0
"2012-06-02	00:00:00"	9.3081	157.09	74.61	48.237	0.08967	26.361	0
"2012-06-02	01:00:00"	10.996	161.68	73.96	53.975	0.09624	26.358	0
"2012-06-02	02:00:00"	15.987	172.85	73.922	56.332	0.09581	26.356	0
"2012-06-02	03:00:00"	11.97	157.2	72.089	64.935	0.10345	26.376	0
"2012-06-02	04:00:00"	8.396	92.873	70.212	71.596	0.08903	26.385	0
"2012-06-02	05:00:00"	9.1553	103.24	69.257	75.05	0.10981	26.373	0
"2012-06-02	06:00:00"	9.2653	104.96	68.625	77.199	0.11956	26.364	0
"2012-06-02	07:00:00"	9.1919	136.9	68.455	77.428	1.9112	26.364	0
"2012-06-02	08:00:00"	5.8247	132.19	67.861	78.004	65.893	26.391	0
"2012-06-02	09:00:00"	5.4743	165.33	70.286	71.362	231.37	26.4	0
"2012-06-02	10:00:00"	8.7054	175.8	73.345	64.664	461.89	26.403	0
"2012-06-02	11:00:00"	8.926	172.06	78.857	52.217	693.32	26.4	0
"2012-06-02	12:00:00"	7.792	165.38	83.493	40.844	877.97	26.406	0
"2012-06-02	13:00:00"	8.2046	178.9	86.137	34.081	1007.3	26.394	0
"2012-06-02	14:00:00"	9.0385	178.96	89.304	27.061	1073.9	26.373	0
"2012-06-02	15:00:00"	10.363	164.65	91.118	24.252	1063.5	26.356	0
"2012-06-02	16:00:00"	10.235	161.9	92.425	21.197	991.3	26.332	0
"2012-06-02	17:00:00"	12.412	174.26	93.633	17.108	870.74	26.311	0
"2012-06-02	18:00:00"	13.114	179.35	93.689	15.433	473.98	26.294	0
"2012-06-02	19:00:00"	13.55	171.16	92.917	18.17	269.48	26.282	0
"2012-06-02	20:00:00"	13.299	163.38	91.628	21.004	127.44	26.279	0
"2012-06-02	21:00:00"	12.423	160.28	89.29	25.399	27.202	26.291	0
"2012-06-02	22:00:00"	10.061	153.21	85.906	28.304	0.15983	26.308	0
"2012-06-02	23:00:00"	12.686	158.57	83.275	32.977	0.08755	26.317	0
"2012-06-03	00:00:00"	17.229	169.01	81.971	39.23	0.08543	26.332	0
"2012-06-03	01:00:00"	18.187	174.55	79.867	47.252	0.05109	26.326	0
"2012-06-03	02:00:00"	15.775	184.94	77.776	52.534	0.08352	26.323	0
"2012-06-03	03:00:00"	15.784	174.09	76.502	54.29	0.09497	26.299	0
"2012-06-03	04:00:00"	12.273	171.89	76.146	51.971	0.08458	26.317	0
"2012-06-03	05:00:00"	9.5101	148.98	74.978	51.719	0.08098	26.317	0
"2012-06-03	06:00:00"	9.31	151.94	73.765	52.408	0.10514	26.317	0
"2012-06-03	07:00:00"	9.1217	157.69	71.936	54.28	1.2295	26.311	0
"2012-06-03	08:00:00"	10.8	167.21	70.716	55.381	63.487	26.323	0
"2012-06-03	09:00:00"	13.952	179.87	74.974	46.368	244.39	26.335	0
"2012-06-03	10:00:00"	15.432	191.3	79.708	38.645	427.99	26.347	0
"2012-06-03	11:00:00"	14.81	203.62	83.762	32.607	676.88	26.344	0
"2012-06-03	12:00:00"	12.214	214.73	88.215	23.114	866.66	26.353	0
"2012-06-03	13:00:00"	8.6234	230.27	91.639	18.226	986.64	26.35	0
"2012-06-03	14:00:00"	7.9567	236.81	93.924	16.342	1049.3	26.335	0
"2012-06-03	15:00:00"	9.0403	219.08	95.379	15.351	1044.8	26.317	0
"2012-06-03	16:00:00"	10.678	184.7	96.053	14.264	962.47	26.299	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-03	17:00:00"	10.185	179.95	97.012	13.621	832.67	26.285	0
"2012-06-03	18:00:00"	10.414	179.75	97.259	13.019	519.37	26.276	0
"2012-06-03	19:00:00"	9.0322	184.18	96.739	13.335	319.43	26.27	0
"2012-06-03	20:00:00"	14.675	171.33	94.118	20.831	254.01	26.279	0
"2012-06-03	21:00:00"	14.957	170.69	90.368	24.078	60.326	26.299	0
"2012-06-03	22:00:00"	12.605	175.35	85.81	30.134	0.37436	26.314	0
"2012-06-03	23:00:00"	11.93	175.4	82.543	34.58	0.10027	26.332	0
"2012-06-04	00:00:00"	10.45	176.86	79.858	38.597	0.11447	26.347	0
"2012-06-04	01:00:00"	8.0101	182.42	77.358	43.359	0.10493	26.347	0
"2012-06-04	02:00:00"	9.1832	177.28	75.755	49.77	0.07334	26.338	0
"2012-06-04	03:00:00"	10.398	187.56	74.702	56.442	0.09454	26.332	0
"2012-06-04	04:00:00"	9.5846	187.06	73.972	60.205	0.11044	26.326	0
"2012-06-04	05:00:00"	6.9395	183.39	72.896	62.94	0.08585	26.323	0
"2012-06-04	06:00:00"	3.8022	174.24	69.837	67.41	0.07483	26.326	0
"2012-06-04	07:00:00"	4.0563	83.063	66.625	73.247	2.7259	26.329	0
"2012-06-04	08:00:00"	3.6649	65.941	65.391	76.317	83.812	26.335	0
"2012-06-04	09:00:00"	5.5899	136.58	72.121	63.201	256.27	26.347	0
"2012-06-04	10:00:00"	5.5756	189.85	76.67	52.966	474.37	26.382	0
"2012-06-04	11:00:00"	7.4782	38.758	79.021	49.346	703	26.367	0
"2012-06-04	12:00:00"	7.9293	56.574	82.822	40.618	882.33	26.373	0
"2012-06-04	13:00:00"	7.4471	82.84	87.412	31.411	1007.3	26.361	0
"2012-06-04	14:00:00"	8.2108	96.878	91.034	24.664	1066.4	26.347	0
"2012-06-04	15:00:00"	9.3964	114.72	93.782	20.181	1058	26.323	0
"2012-06-04	16:00:00"	10.43	144.56	96.104	13.681	988.55	26.291	0
"2012-06-04	17:00:00"	12.447	165.64	96.543	15.43	857.08	26.267	0
"2012-06-04	18:00:00"	11.758	171.28	96.573	15.223	527.63	26.24	0
"2012-06-04	19:00:00"	9.6735	168.58	95.333	14.431	115.29	26.243	0
"2012-06-04	20:00:00"	13.155	58.871	85.722	25.776	68.155	26.305	0
"2012-06-04	21:00:00"	18.747	39.804	72.634	49.111	8.6187	26.32	0
"2012-06-04	22:00:00"	14.992	49.364	73.33	45.341	0.15475	26.317	0
"2012-06-04	23:00:00"	9.6076	19.124	74.03	41.301	0.08755	26.361	0
"2012-06-05	00:00:00"	7.101	53.217	73.215	43.584	0.11468	26.367	0
"2012-06-05	01:00:00"	6.1042	81.213	71.839	50.057	0.08139	26.391	0
"2012-06-05	02:00:00"	6.1391	68.264	70.58	54.723	0.07843	26.412	0
"2012-06-05	03:00:00"	8.6271	78.795	68.693	60.39	0.11701	26.397	0
"2012-06-05	04:00:00"	6.4181	94.669	66.625	68.01	0.09687	26.409	0
"2012-06-05	05:00:00"	3.9693	28.458	64.161	74.776	0.11934	26.409	0
"2012-06-05	06:00:00"	5.7272	3.1073	63.429	77.6	0.1009	26.403	0
"2012-06-05	07:00:00"	6.4498	9.7978	63.186	77.753	4.8016	26.403	0
"2012-06-05	08:00:00"	6.6052	21.078	64.459	74.029	72.281	26.406	0
"2012-06-05	09:00:00"	6.553	10.789	66.96	67.487	171.23	26.42	0
"2012-06-05	10:00:00"	6.9879	6.4103	70.604	57.643	331.95	26.432	0
"2012-06-05	11:00:00"	3.8152	311.49	74.334	51.204	435.91	26.423	0
"2012-06-05	12:00:00"	4.4329	159.34	76.992	48.453	857.44	26.409	0
"2012-06-05	13:00:00"	6.9047	176.46	78.713	46.472	893.11	26.4	0
"2012-06-05	14:00:00"	6.6567	178.59	80.261	43.566	568.91	26.385	0
"2012-06-05	15:00:00"	6.0944	160.7	82.079	39.567	807.18	26.361	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-05	16:00:00"	6.3318	156.6	83.989	35.629	665.67	26.338	0
"2012-06-05	17:00:00"	6.2224	200.02	86.296	31.418	833.27	26.314	0
"2012-06-05	18:00:00"	5.4507	164.11	87.066	30.773	728.5	26.291	0
"2012-06-05	19:00:00"	7.1861	151.96	86.909	31.184	407.65	26.279	0
"2012-06-05	20:00:00"	9.4368	147.26	86.008	33.336	206.27	26.285	0
"2012-06-05	21:00:00"	8.3531	123.05	85.142	34.629	51.324	26.299	0
"2012-06-05	22:00:00"	7.1824	88.772	81.505	41.546	0.2796	26.317	0
"2012-06-05	23:00:00"	10.181	94.545	78.334	50.376	0.11044	26.332	0
"2012-06-06	00:00:00"	9.5691	99.43	76.9	53.755	0.08288	26.332	0
"2012-06-06	01:00:00"	6.9909	103.59	74.553	58.61	0.08625	26.317	0
"2012-06-06	02:00:00"	6.1677	102.96	72.999	61.13	0.09899	26.308	0
"2012-06-06	03:00:00"	7.5354	118.47	72.05	61.848	0.10535	26.296	0
"2012-06-06	04:00:00"	5.6104	93.129	69.401	66.859	0.08204	26.299	0
"2012-06-06	05:00:00"	4.6708	99.275	67.126	71.943	0.10663	26.302	0
"2012-06-06	06:00:00"	7.3794	102.42	66.685	72.457	0.10302	26.296	0
"2012-06-06	07:00:00"	9.4312	106.92	66.22	71.99	1.4012	26.308	0
"2012-06-06	08:00:00"	11.589	107.29	67.405	67.923	77.684	26.329	0
"2012-06-06	09:00:00"	14.736	111.9	71.54	57.264	279.08	26.356	0
"2012-06-06	10:00:00"	16.767	105.87	73.985	52.059	449.74	26.361	0
"2012-06-06	11:00:00"	16.632	111.35	77.68	45.155	703.06	26.356	0
"2012-06-06	12:00:00"	17.554	124.86	79.812	40.128	872.4	26.361	0
"2012-06-06	13:00:00"	16.407	135.62	82.705	35.173	999.76	26.356	0
"2012-06-06	14:00:00"	15.339	139.62	84.356	32.675	1060.7	26.335	0
"2012-06-06	15:00:00"	15.857	136.41	86.506	29.503	1039.3	26.314	0
"2012-06-06	16:00:00"	13.629	145.07	89.627	25.061	973.01	26.294	0
"2012-06-06	17:00:00"	11.249	153.43	92.33	20.353	812.89	26.273	0
"2012-06-06	18:00:00"	10.429	174.92	93.275	17.578	694.48	26.261	0
"2012-06-06	19:00:00"	7.1756	192.22	93.44	16.112	477.54	26.255	0
"2012-06-06	20:00:00"	7.5863	172.65	92.988	16.218	249.52	26.264	0
"2012-06-06	21:00:00"	13.366	100.75	85.032	33.425	40.039	26.276	0
"2012-06-06	22:00:00"	12.496	93.302	79.786	40.885	0.4742	26.302	0
"2012-06-06	23:00:00"	13.921	89.409	75.506	47.736	0.10027	26.332	0
"2012-06-07	00:00:00"	14.04	95.977	73.645	49.068	0.10366	26.347	0
"2012-06-07	01:00:00"	11.932	102.74	73.037	49.61	0.10175	26.341	0
"2012-06-07	02:00:00"	10.206	104.29	71.887	52.401	0.08712	26.332	0
"2012-06-07	03:00:00"	8.4736	102.48	70.351	56.385	0.11171	26.326	0
"2012-06-07	04:00:00"	7.3887	93.514	67.757	61.688	0.08797	26.317	0
"2012-06-07	05:00:00"	7.4732	83.573	66.69	63.66	0.09963	26.329	0
"2012-06-07	06:00:00"	8.4544	66.531	64.446	72.428	0.09136	26.341	0
"2012-06-07	07:00:00"	9.0726	75.009	64.03	78.496	2.3494	26.356	0
"2012-06-07	08:00:00"	11.093	74.85	64.502	81.765	90.942	26.37	0
"2012-06-07	09:00:00"	12.859	90.19	67.307	76.846	282.18	26.391	0
"2012-06-07	10:00:00"	11.964	93.675	71.053	66.787	502.16	26.412	0
"2012-06-07	11:00:00"	13.334	88.56	74.669	58.453	708.25	26.429	0
"2012-06-07	12:00:00"	14.306	108.7	78.126	51.039	882.83	26.42	0
"2012-06-07	13:00:00"	12.707	124.83	81.64	45.745	1004.3	26.418	0
"2012-06-07	14:00:00"	11.658	138	85.384	39.459	1071	26.403	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-07	15:00:00"	8.0182	144.61	88.257	33.311	1021.4	26.391	0
"2012-06-07	16:00:00"	8.1499	134.33	90.792	27.61	973.56	26.373	0
"2012-06-07	17:00:00"	8.0281	130.68	91.586	26.784	826.58	26.361	0
"2012-06-07	18:00:00"	8.9322	138.51	92.611	25.693	679.94	26.353	0
"2012-06-07	19:00:00"	8.7762	131.42	92.294	25.351	470.55	26.347	0
"2012-06-07	20:00:00"	11.907	130.12	91.188	27.923	243.7	26.35	0
"2012-06-07	21:00:00"	17.386	118.85	86.432	38.447	48.259	26.376	0
"2012-06-07	22:00:00"	15.597	112.73	82.142	42.652	0.37754	26.391	0
"2012-06-07	23:00:00"	13.916	112.77	79.717	44.135	0.08267	26.412	0
"2012-06-08	00:00:00"	13.899	110.8	76.835	46.217	0.08628	26.426	0
"2012-06-08	01:00:00"	11.646	109.53	74.627	50.794	0.10274	26.426	0
"2012-06-08	02:00:00"	12.892	96.033	68.924	78.956	0.09624	26.432	0
"2012-06-08	03:00:00"	12.298	98.435	67.041	84.243	0.07864	26.429	0
"2012-06-08	04:00:00"	14.639	110.23	66.258	81.849	0.09709	26.426	0
"2012-06-08	05:00:00"	12.309	105.89	65.188	82.866	0.08818	26.429	0
"2012-06-08	06:00:00"	12.173	105.49	64.477	83.951	0.09772	26.441	0
"2012-06-08	07:00:00"	10.885	109.99	64.116	83.048	3.1239	26.459	0
"2012-06-08	08:00:00"	9.9494	107.57	64.159	82.848	82.33	26.474	0
"2012-06-08	09:00:00"	13.943	115.23	66.523	75.991	262.94	26.483	0
"2012-06-08	10:00:00"	13.538	119.6	69.452	67.704	476.87	26.483	0
"2012-06-08	11:00:00"	12.606	131.5	72.405	61.743	687.71	26.477	0
"2012-06-08	12:00:00"	12.4	126.19	75.497	56.244	790.17	26.471	0
"2012-06-08	13:00:00"	11.747	126.54	77.977	52.128	970.38	26.456	0
"2012-06-08	14:00:00"	12.042	136.46	80.27	47.596	1071.3	26.429	0
"2012-06-08	15:00:00"	11.05	136.46	83.045	43.091	1045.2	26.418	0
"2012-06-08	16:00:00"	11.682	143.51	84.907	39.92	980.47	26.397	0
"2012-06-08	17:00:00"	10.758	145.42	86.114	36.892	859.21	26.373	0
"2012-06-08	18:00:00"	10.855	136.98	87.297	35.264	679.16	26.353	0
"2012-06-08	19:00:00"	12.219	141.44	87.438	34.607	468.31	26.341	0
"2012-06-08	20:00:00"	12.616	135.69	86.649	35.642	244.22	26.335	0
"2012-06-08	21:00:00"	14.173	132.01	84.477	39.76	52.847	26.329	0
"2012-06-08	22:00:00"	12.684	128.32	81.869	43.15	0.54118	26.332	0
"2012-06-08	23:00:00"	11.924	126.83	79.612	46.867	0.09603	26.35	0
"2012-06-09	00:00:00"	11.389	129.92	77.521	51.299	0.09115	26.35	0
"2012-06-09	01:00:00"	10.067	136.35	75.315	55.537	0.08012	26.35	0
"2012-06-09	02:00:00"	10.374	147.04	73.75	58.178	0.11171	26.335	0
"2012-06-09	03:00:00"	9.9196	150.39	72.251	59.9	0.12062	26.314	0
"2012-06-09	04:00:00"	6.8282	138.93	70.333	63.488	0.08225	26.305	0
"2012-06-09	05:00:00"	6.4399	133.44	68.685	66.784	0.08288	26.305	0
"2012-06-09	06:00:00"	6.274	131.56	66.947	70.573	0.08352	26.302	0
"2012-06-09	07:00:00"	6.5033	136.44	65.792	73.443	3.6787	26.302	0
"2012-06-09	08:00:00"	6.1174	146.76	65.889	74.476	91.267	26.302	0
"2012-06-09	09:00:00"	9.1435	180.36	69.628	69.471	280.3	26.305	0
"2012-06-09	10:00:00"	11.34	193.33	75.135	58.044	497.65	26.308	0
"2012-06-09	11:00:00"	10.296	215.66	80.432	43.084	704.09	26.302	0
"2012-06-09	12:00:00"	8.7682	235.21	86.236	29.688	864.82	26.294	0
"2012-06-09	13:00:00"	8.7613	268.08	93.687	14.415	982.65	26.282	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-09	14:00:00"	9.4933	270.66	96.971	8.2044	956.46	26.261	0
"2012-06-09	15:00:00"	9.328	284.22	98.157	6.5244	946.13	26.234	0
"2012-06-09	16:00:00"	10.318	268.34	100.8	6.3928	982.39	26.205	0
"2012-06-09	17:00:00"	12.372	259.67	101.78	5.7853	876.35	26.193	0
"2012-06-09	18:00:00"	10.458	254.53	101.43	5.0911	715.79	26.175	0
"2012-06-09	19:00:00"	9.8357	265.18	100.94	5.2142	493.32	26.161	0
"2012-06-09	20:00:00"	9.5411	268.84	99.473	5.6203	265.23	26.161	0
"2012-06-09	21:00:00"	7.3483	274.41	95.754	6.3728	58.779	26.172	0
"2012-06-09	22:00:00"	2.5532	240.38	87.964	8.9331	0.50557	26.184	0
"2012-06-09	23:00:00"	2.1375	225.36	83.766	10.423	0.0708	26.199	0
"2012-06-10	00:00:00"	5.3109	202.47	82.089	12.234	0.08373	26.208	0
"2012-06-10	01:00:00"	10.054	175.83	79.379	38.942	0.07906	26.208	0
"2012-06-10	02:00:00"	10.734	187.56	79.051	46.856	0.07483	26.208	0
"2012-06-10	03:00:00"	10.153	184.44	77.044	52.558	0.07652	26.208	0
"2012-06-10	04:00:00"	9.1279	192.35	75.678	56.611	0.08543	26.217	0
"2012-06-10	05:00:00"	8.4823	198.28	74.212	59.605	0.09179	26.223	0
"2012-06-10	06:00:00"	5.8912	211.6	72.105	63.165	0.09348	26.234	0
"2012-06-10	07:00:00"	5.2195	225.78	70.322	66.844	2.311	26.243	0
"2012-06-10	08:00:00"	5.2375	228.04	68.824	70.18	91.064	26.267	0
"2012-06-10	09:00:00"	7.7354	225.25	71.721	62.556	287.38	26.282	0
"2012-06-10	10:00:00"	6.6325	248.22	80.416	38.696	511.31	26.302	0
"2012-06-10	11:00:00"	10.146	288.6	90.602	11.898	723.13	26.305	0
"2012-06-10	12:00:00"	13.917	296.28	94.373	8.2125	906.07	26.311	0
"2012-06-10	13:00:00"	13.481	295.42	96.153	7.5353	1037.5	26.299	0
"2012-06-10	14:00:00"	11.708	277.65	98.339	6.4956	1102	26.294	0
"2012-06-10	15:00:00"	13.453	265.69	99.589	6.3678	1099.9	26.282	0
"2012-06-10	16:00:00"	13.302	255	100.01	6.2339	1017.9	26.27	0
"2012-06-10	17:00:00"	12.164	251.91	100.65	5.9436	892.43	26.261	0
"2012-06-10	18:00:00"	12.353	254.35	100.05	6.2044	709.13	26.258	0
"2012-06-10	19:00:00"	12.56	248.08	99.188	6.3114	494.4	26.258	0
"2012-06-10	20:00:00"	9.8326	246.65	97.669	6.5492	265.92	26.267	0
"2012-06-10	21:00:00"	11.595	225.79	94.62	7.1456	54.69	26.285	0
"2012-06-10	22:00:00"	6.2852	220.91	89.304	8.5064	0.54352	26.299	0
"2012-06-10	23:00:00"	2.5905	235.26	83.05	10.901	0.1079	26.308	0
"2012-06-11	00:00:00"	3.0932	290.77	79.784	11.717	0.07907	26.314	0
"2012-06-11	01:00:00"	2.5408	312.8	78.485	11.654	0.10451	26.308	0
"2012-06-11	02:00:00"	0.75869	68.163	71.741	15.27	0.07059	26.302	0
"2012-06-11	03:00:00"	2.0704	305.64	71.27	15.35	0.09369	26.299	0
"2012-06-11	04:00:00"	5.7999	221.62	73.539	13.738	0.08861	26.332	0
"2012-06-11	05:00:00"	4.0489	212.1	77.766	11.769	0.09497	26.347	0
"2012-06-11	06:00:00"	2.5669	246.26	74.257	13.306	0.10217	26.356	0
"2012-06-11	07:00:00"	5.4146	184.88	72.01	16.092	3.772	26.373	0
"2012-06-11	08:00:00"	5.6619	206.87	75.61	15.382	93.061	26.4	0
"2012-06-11	09:00:00"	3.3088	250.75	78.052	15.654	286.88	26.412	0
"2012-06-11	10:00:00"	4.2489	235.4	84.122	11.826	503.61	26.438	0
"2012-06-11	11:00:00"	7.4266	308.76	89.387	9.8367	720.85	26.438	0
"2012-06-11	12:00:00"	7.0749	317.05	92.459	7.91	900.71	26.444	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-11	13:00:00"	6.8036	357.51	92.909	8.8594	948.77	26.444	0
"2012-06-11	14:00:00"	5.5296	358.75	94.237	9.9158	1024.3	26.438	0
"2012-06-11	15:00:00"	5.4103	6.0437	95.723	10.59	943.92	26.426	0
"2012-06-11	16:00:00"	4.8256	324.08	98.057	8.42	1049.9	26.415	0
"2012-06-11	17:00:00"	5.2357	96.406	98.316	7.2781	582.57	26.4	0
"2012-06-11	18:00:00"	4.7833	208.78	97.993	6.7556	351.08	26.394	0
"2012-06-11	19:00:00"	4.7827	185.91	98.074	6.8489	332.99	26.382	0
"2012-06-11	20:00:00"	5.9136	172.64	97.569	7.035	238.9	26.388	0
"2012-06-11	21:00:00"	4.4882	169.45	93.493	9.905	47.81	26.397	0
"2012-06-11	22:00:00"	4.0123	148.49	89.358	13.228	0.40234	26.42	0
"2012-06-11	23:00:00"	11.562	98.666	87.319	21.493	0.08204	26.444	0
"2012-06-12	00:00:00"	10.109	94.566	83.149	26.001	0.08437	26.456	0
"2012-06-12	01:00:00"	10.317	80.877	79.966	29.546	0.06932	26.456	0
"2012-06-12	02:00:00"	9.7425	79.854	76.504	34.661	0.07652	26.465	0
"2012-06-12	03:00:00"	10.085	86.505	73.933	42.185	0.11277	26.462	0
"2012-06-12	04:00:00"	8.5146	89.062	72.853	50.042	0.10217	26.459	0
"2012-06-12	05:00:00"	6.5729	88.465	70.191	54.479	0.08564	26.453	0
"2012-06-12	06:00:00"	4.7814	92.445	68.68	58.107	0.1026	26.447	0
"2012-06-12	07:00:00"	3.8954	93.223	67.158	61.268	4.3004	26.468	0
"2012-06-12	08:00:00"	5.4519	70.083	68.287	60.789	104.02	26.494	0
"2012-06-12	09:00:00"	10.885	46.955	72.592	55.527	270.24	26.533	0
"2012-06-12	10:00:00"	13.177	65.832	76.51	52.863	370.02	26.547	0
"2012-06-12	11:00:00"	15.136	74.642	78.905	52.072	682.89	26.539	0
"2012-06-12	12:00:00"	16.706	79.411	79.958	50.644	810.6	26.533	0
"2012-06-12	13:00:00"	14.902	90.678	82.584	45.365	942.67	26.524	0
"2012-06-12	14:00:00"	13.914	102.35	86.25	39.714	999.53	26.494	0
"2012-06-12	15:00:00"	13.382	109.61	88.806	34.288	1022.4	26.471	0
"2012-06-12	16:00:00"	13.061	124.28	89.895	34.251	727.04	26.444	0
"2012-06-12	17:00:00"	14.059	122.17	91.178	34.258	639.7	26.42	0
"2012-06-12	18:00:00"	16.318	120.34	92.372	31.432	549.64	26.4	0
"2012-06-12	19:00:00"	16.541	121.35	92.749	27.389	298.41	26.329	0
"2012-06-12	20:00:00"	18.005	140.91	90.304	29.012	14.794	26.394	0
"2012-06-12	21:00:00"	22.668	65.611	73.473	68.024	2.1306	26.465	0.11
"2012-06-12	22:00:00"	21.823	102.75	67.15	77.9	4.1976	26.435	0.04
"2012-06-12	23:00:00"	16.41	114.63	71.175	78.431	0.12062	26.432	0
"2012-06-13	00:00:00"	17.163	131.64	73.889	70.954	0.11892	26.426	0
"2012-06-13	01:00:00"	13.956	136.19	73.606	64.219	0.11044	26.42	0
"2012-06-13	02:00:00"	11.713	146.81	71.709	71.383	0.13376	26.412	0
"2012-06-13	03:00:00"	10.287	151.98	70.443	73.659	0.11574	26.397	0
"2012-06-13	04:00:00"	14.321	77.436	70.201	70.988	0.12486	26.468	0
"2012-06-13	05:00:00"	13.894	79.052	69.54	71.697	0.10069	26.444	0
"2012-06-13	06:00:00"	13.614	91.825	65.794	80.211	0.13461	26.435	0
"2012-06-13	07:00:00"	12.882	97.333	63.995	82.765	2.5207	26.441	0
"2012-06-13	08:00:00"	13.635	96.726	64.257	81.131	79.485	26.453	0
"2012-06-13	09:00:00"	14.06	104.73	66.271	75.064	252.75	26.453	0
"2012-06-13	10:00:00"	15.142	118.97	70.017	69.066	446.31	26.456	0
"2012-06-13	11:00:00"	17.122	125.52	71.924	66.489	506.09	26.459	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-13	12:00:00"	15.542	139.14	74.582	64.546	593.35	26.45	0
"2012-06-13	13:00:00"	15.737	151.29	77.391	60.798	798.95	26.435	0
"2012-06-13	14:00:00"	16.002	145.61	80.188	56.895	817.84	26.406	0
"2012-06-13	15:00:00"	14.674	152.65	83.283	51.497	684.75	26.385	0
"2012-06-13	16:00:00"	14.465	170.36	84.639	45.153	404.48	26.35	0
"2012-06-13	17:00:00"	13.661	193.13	88.212	36.276	464.31	26.335	0
"2012-06-13	18:00:00"	16.176	191.88	87.644	36.674	144.89	26.326	0
"2012-06-13	19:00:00"	13.904	186.88	85.107	42.252	77.583	26.311	0
"2012-06-13	20:00:00"	18.511	177.67	84.647	39.207	61.638	26.276	0
"2012-06-13	21:00:00"	7.682	141.74	84.428	36.408	27.123	26.296	0
"2012-06-13	22:00:00"	4.6211	188.97	81.991	42.71	0.39449	26.323	0
"2012-06-13	23:00:00"	3.8587	161.3	79.064	51.483	0.07165	26.326	0
"2012-06-14	00:00:00"	4.0041	93.978	75.458	62.378	0.0797	26.329	0
"2012-06-14	01:00:00"	4.1479	120.83	74.533	64.603	0.09576	26.323	0
"2012-06-14	02:00:00"	2.9472	102.61	70.784	74.814	0.07313	26.317	0
"2012-06-14	03:00:00"	5.0437	106.92	70.404	74.84	0.08861	26.317	0
"2012-06-14	04:00:00"	6.6797	108.7	70.766	71.758	0.0973	26.311	0
"2012-06-14	05:00:00"	6.0664	116.29	69.67	74.239	0.07928	26.302	0
"2012-06-14	06:00:00"	6.136	139.77	70.392	69.594	0.09878	26.317	0
"2012-06-14	07:00:00"	6.2541	148.29	69.721	68.105	3.2619	26.329	0
"2012-06-14	08:00:00"	8.7924	167.35	70.434	63.722	84.515	26.338	0
"2012-06-14	09:00:00"	11.202	190.39	74.867	51.913	267.23	26.353	0
"2012-06-14	10:00:00"	12.769	201.65	80.29	39.842	485.42	26.356	0
"2012-06-14	11:00:00"	14.912	208.29	84.426	32.581	696.54	26.356	0
"2012-06-14	12:00:00"	14.889	225.01	88.998	24.316	887.06	26.353	0
"2012-06-14	13:00:00"	12.755	228.15	92.485	19.756	1008.7	26.341	0
"2012-06-14	14:00:00"	9.8307	212.97	94.603	16.214	891.34	26.32	0
"2012-06-14	15:00:00"	10.409	218.32	97.454	13.451	1083.3	26.302	0
"2012-06-14	16:00:00"	11.795	207.26	98.893	11.532	1008.5	26.276	0
"2012-06-14	17:00:00"	14.305	200.27	99.581	11.602	878.86	26.267	0
"2012-06-14	18:00:00"	14.339	192.84	99.637	11.119	686.47	26.243	0
"2012-06-14	19:00:00"	14.838	185.27	99.074	12.819	496.84	26.237	0
"2012-06-14	20:00:00"	23.371	160.03	93.561	25.659	281.33	26.255	0
"2012-06-14	21:00:00"	19.53	167.02	88.839	27.569	60.084	26.258	0
"2012-06-14	22:00:00"	9.561	154.41	85.428	27.053	0.67812	26.261	0
"2012-06-14	23:00:00"	10.399	157.06	82.6	33.612	0.10069	26.296	0
"2012-06-15	00:00:00"	11.123	192.64	80.386	31.796	0.07334	26.326	0
"2012-06-15	01:00:00"	9.6975	142.69	78.495	31.128	0.09132	26.358	0
"2012-06-15	02:00:00"	8.473	138.77	76.407	34.407	0.09857	26.353	0
"2012-06-15	03:00:00"	8.5519	139.8	74.61	37.783	0.09327	26.353	0
"2012-06-15	04:00:00"	11.101	117.82	73.385	41.61	0.08288	26.35	0
"2012-06-15	05:00:00"	11.19	114.61	72.552	47.719	0.10896	26.356	0
"2012-06-15	06:00:00"	12.223	108.29	69.093	67.196	0.09094	26.358	0
"2012-06-15	07:00:00"	10.116	115.8	67.705	69.864	4.4832	26.37	0
"2012-06-15	08:00:00"	11.809	120.06	67.652	69.446	63.24	26.373	0
"2012-06-15	09:00:00"	10.367	138.02	70.984	63.059	259.27	26.385	0
"2012-06-15	10:00:00"	12.758	152.3	75.563	56.042	499.45	26.391	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-15	11:00:00"	13.256	167.03	80.01	46.959	676.35	26.391	0
"2012-06-15	12:00:00"	13.221	179.07	84.46	35.704	895.82	26.397	0
"2012-06-15	13:00:00"	8.8421	177.76	87.617	28.583	1028.3	26.4	0
"2012-06-15	14:00:00"	10.202	162.19	89.833	27.033	1028.5	26.388	0
"2012-06-15	15:00:00"	11.849	160.98	89.693	27.727	803.11	26.385	0
"2012-06-15	16:00:00"	9.4479	140.85	91.685	24.986	791.33	26.367	0
"2012-06-15	17:00:00"	11.733	141.13	93.389	22.251	806.6	26.338	0
"2012-06-15	18:00:00"	14.152	158.59	93.93	21.609	513.04	26.317	0
"2012-06-15	19:00:00"	14.266	161.49	93	22.2	236.49	26.326	0
"2012-06-15	20:00:00"	18.041	172.54	91.382	26.433	123.45	26.358	0
"2012-06-15	21:00:00"	16.292	170.38	89.097	28.711	33.428	26.361	0
"2012-06-15	22:00:00"	11.874	162.93	86.389	31.292	0.26773	26.412	0
"2012-06-15	23:00:00"	9.8786	49.419	78.77	37.521	0.07674	26.444	0
"2012-06-16	00:00:00"	13.652	68.827	72.147	54.502	0.07716	26.447	0
"2012-06-16	01:00:00"	9.0639	92.936	70.59	56.878	0.07992	26.435	0
"2012-06-16	02:00:00"	9.2106	96.749	70.666	57.114	0.09475	26.432	0
"2012-06-16	03:00:00"	10.072	81.658	69.868	59.985	0.11489	26.45	0
"2012-06-16	04:00:00"	10.11	77.17	68.381	62.501	0.10111	26.447	0
"2012-06-16	05:00:00"	10.438	83.972	67.262	63.873	0.09963	26.453	0
"2012-06-16	06:00:00"	11.057	84.134	67.42	63.318	0.09899	26.462	0
"2012-06-16	07:00:00"	10.029	82.717	66.345	65.752	2.2099	26.483	0
"2012-06-16	08:00:00"	9.1217	68.44	66.031	67.85	84.194	26.494	0
"2012-06-16	09:00:00"	9.5753	104.11	70.585	60.114	269.76	26.494	0
"2012-06-16	10:00:00"	12.091	155.81	75.371	57.754	487.13	26.494	0
"2012-06-16	11:00:00"	13.479	177.47	78.729	53.676	774.36	26.494	0
"2012-06-16	12:00:00"	12.831	181.27	82.224	45.814	828.63	26.494	0
"2012-06-16	13:00:00"	10.778	172.51	84.713	39.168	781.39	26.494	0
"2012-06-16	14:00:00"	8.5463	160.73	87.393	33.73	876.9	26.485	0
"2012-06-16	15:00:00"	9.0285	149.07	89.435	26.509	704.28	26.474	0
"2012-06-16	16:00:00"	9.7126	145.73	91.027	24.004	787.86	26.456	0
"2012-06-16	17:00:00"	10.3	149.03	91.583	24.281	741.75	26.423	0
"2012-06-16	18:00:00"	11.415	139.1	92.249	21.236	679.75	26.409	0
"2012-06-16	19:00:00"	11.209	138.44	92.295	17.448	501.31	26.409	0
"2012-06-16	20:00:00"	11.282	141.63	91.652	18.131	235.6	26.429	0
"2012-06-16	21:00:00"	11.221	197.73	87.951	23.013	29.124	26.474	0
"2012-06-16	22:00:00"	12.171	297.98	80.189	36.159	0.27006	26.494	0
"2012-06-16	23:00:00"	10.386	319.38	77.762	42.195	0.13249	26.524	0
"2012-06-17	00:00:00"	11.433	79.866	76.077	50.122	0.08225	26.545	0
"2012-06-17	01:00:00"	12.979	101.16	72.477	59.045	0.09851	26.556	0
"2012-06-17	02:00:00"	9.1578	77.879	71.782	57.12	0.09624	26.571	0
"2012-06-17	03:00:00"	7.7491	28.491	70.365	61.478	0.09518	26.568	0
"2012-06-17	04:00:00"	8.2325	42.692	68.024	69.935	0.07949	26.553	0
"2012-06-17	05:00:00"	7.4179	43.962	66.073	73.678	0.09899	26.536	0
"2012-06-17	06:00:00"	6.8132	26.832	65.357	80.55	0.11171	26.524	0
"2012-06-17	07:00:00"	5.4556	40.813	65.186	84.475	2.0164	26.506	0
"2012-06-17	08:00:00"	3.3871	86.483	66.679	80.439	73.27	26.518	0
"2012-06-17	09:00:00"	7.0047	143.68	72.484	59.574	274.21	26.53	0

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"2012-06-17	10:00:00"	11.722	167.82	75.267	54.136	489.13	26.53	0
"2012-06-17	11:00:00"	10.391	186.29	77.13	52.819	695.1	26.518	0
"2012-06-17	12:00:00"	8.0436	195.88	80.247	46.746	879.27	26.503	0
"2012-06-17	13:00:00"	8.5264	185.07	83.248	41.232	1014.8	26.483	0
"2012-06-17	14:00:00"	8.396	194.19	86.212	35.534	1072.1	26.453	0
"2012-06-17	15:00:00"	8.4755	207.25	89.068	29.869	1101.7	26.42	0
"2012-06-17	16:00:00"	7.9877	218.47	90.618	26.59	781.7	26.394	0
"2012-06-17	17:00:00"	9.5163	203.51	91.081	25.755	834.19	26.353	0
"2012-06-17	18:00:00"	9.9674	216.82	92.476	23.579	708.12	26.329	0
"2012-06-17	19:00:00"	11.467	210.37	92.919	21.516	452.61	26.308	0
"2012-06-17	20:00:00"	12.058	218.39	92.095	21.384	206.04	26.317	0
"2012-06-17	21:00:00"	9.2329	219.92	91.203	21.736	79.077	26.311	0
"2012-06-17	22:00:00"	6.6915	192.91	86.938	26.072	0.72243	26.314	0
"2012-06-17	23:00:00"	8.7713	180.03	82.927	34.122	0.10048	26.32	0
"2012-06-18	00:00:00"	10.789	178.49	81.131	36.14	0.09645	26.326	0
"2012-06-18	01:00:00"	12.994	178.57	80.565	35.413	0.09878	26.317	0
"2012-06-18	02:00:00"	14.011	172.1	79.23	36.796	0.0956	26.305	0
"2012-06-18	03:00:00"	16.344	181.61	78.036	39.502	0.09391	26.288	0
"2012-06-18	04:00:00"	15.774	193.57	77.179	43.21	0.10027	26.279	0
"2012-06-18	05:00:00"	11.072	191.36	75.518	47.079	0.07695	26.267	0
"2012-06-18	06:00:00"	11.994	191.47	74.386	49.095	0.08182	26.255	0
"2012-06-18	07:00:00"	11.987	186.95	73.148	50.988	2.8151	26.249	0
"2012-06-18	08:00:00"	11.666	195.98	72.958	51.535	83.392	26.255	0
"2012-06-18	09:00:00"	13.473	193.95	75.669	47.721	275.12	26.261	0
"2012-06-18	10:00:00"	13.108	202.06	80.407	40.031	502.34	26.264	0
"2012-06-18	11:00:00"	12.025	222.07	85.665	31.714	713.46	26.258	0
"2012-06-18	12:00:00"	8.8477	231.25	90.579	24.783	895.29	26.255	0
"2012-06-18	13:00:00"	6.0049	239.3	95.822	17.893	1025	26.237	0
"2012-06-18	14:00:00"	6.8916	294.59	99.622	11.7	1098.6	26.223	0
"2012-06-18	15:00:00"	5.7794	274.12	102.11	9.9792	1097.6	26.196	0
"2012-06-18	16:00:00"	6.9115	286.95	104	7.37	999.78	26.172	0
"2012-06-18	17:00:00"	7.8423	290.58	105.32	5.3797	917.07	26.155	0
"2012-06-18	18:00:00"	7.3496	316.96	105.48	4.8481	722.2	26.143	0
"2012-06-18	19:00:00"	5.1462	305.69	104.96	4.6836	507.86	26.143	0
"2012-06-18	20:00:00"	7.6963	181.76	102.92	8.1575	277.65	26.134	0
"2012-06-18	21:00:00"	20.138	170.7	95.298	22.222	57.054	26.149	0
"2012-06-18	22:00:00"	17.007	168.62	91.506	26.286	0.69296	26.172	0
"2012-06-18	23:00:00"	17.865	161.86	88.728	29.967	0.0884	26.208	0
"2012-06-19	00:00:00"	19.164	166.02	85.69	34.871	0.07207	26.217	0
"2012-06-19	01:00:00"	17.674	166.86	82.702	39.415	0.09836	26.223	0
"2012-06-19	02:00:00"	16.361	165.63	80.515	41.928	0.09306	26.217	0
"2012-06-19	03:00:00"	15.721	168.98	78.941	43.339	0.09793	26.211	0
"2012-06-19	04:00:00"	17.174	171.82	77.488	48.534	0.10811	26.208	0
"2012-06-19	05:00:00"	13.886	172.38	75.631	54.125	0.11108	26.202	0
"2012-06-19	06:00:00"	12.091	172.96	73.844	56.206	0.10832	26.202	0
"2012-06-19	07:00:00"	10.446	169.39	71.948	60.149	3.7219	26.208	0
"2012-06-19	08:00:00"	11.889	175.18	71.118	63.462	91.019	26.211	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-19	09:00:00"	15.032	179.47	73.026	59.991	280.45	26.229	0
"2012-06-19	10:00:00"	12.954	176.23	76.349	52.564	501.76	26.24	0
"2012-06-19	11:00:00"	11.045	184.85	79.923	44.482	711.65	26.243	0
"2012-06-19	12:00:00"	9.2547	175.28	83.575	37.214	890.07	26.249	0
"2012-06-19	13:00:00"	7.0364	171.6	87.128	29.834	1019.9	26.243	0
"2012-06-19	14:00:00"	8.2996	166.09	90.491	25.082	1086.5	26.226	0
"2012-06-19	15:00:00"	9.8947	154.69	93.174	22.853	1083.8	26.211	0
"2012-06-19	16:00:00"	11.938	159.65	94.877	22.296	1010.7	26.193	0
"2012-06-19	17:00:00"	12.559	165.09	97.049	20.132	877.39	26.175	0
"2012-06-19	18:00:00"	13.908	173.13	98.637	17.907	701.39	26.164	0
"2012-06-19	19:00:00"	14.681	162.7	98.058	18.635	389.75	26.155	0
"2012-06-19	20:00:00"	17.778	151.52	94.429	24.281	109.39	26.178	0
"2012-06-19	21:00:00"	20.313	155.99	91.754	28.56	72.136	26.193	0
"2012-06-19	22:00:00"	19.675	155.91	87.892	34.181	0.69105	26.223	0
"2012-06-19	23:00:00"	18.971	159.16	85.082	39.173	0.08458	26.252	0
"2012-06-20	00:00:00"	17.702	158.68	82.935	42.895	0.0884	26.258	0
"2012-06-20	01:00:00"	15.911	159.16	81.483	43.712	0.08202	26.255	0
"2012-06-20	02:00:00"	16.889	162.27	80.469	43.265	0.10557	26.246	0
"2012-06-20	03:00:00"	16.845	163.68	79.212	45.548	0.09878	26.232	0
"2012-06-20	04:00:00"	15.903	165.22	76.669	56.205	0.08288	26.24	0
"2012-06-20	05:00:00"	14.395	164.68	74.626	62.803	0.08967	26.246	0
"2012-06-20	06:00:00"	14.451	162.21	73.132	68.169	0.09179	26.249	0
"2012-06-20	07:00:00"	14.185	159.22	71.966	71.963	3.1038	26.252	0
"2012-06-20	08:00:00"	15.294	159.87	71.761	73.008	88.518	26.264	0
"2012-06-20	09:00:00"	17.969	165.07	73.68	67.84	279.7	26.273	0
"2012-06-20	10:00:00"	18	170.66	76.599	60.271	501.95	26.285	0
"2012-06-20	11:00:00"	18.03	174.99	79.425	53.569	713.2	26.288	0
"2012-06-20	12:00:00"	13.837	163.39	82.91	46.058	890.73	26.299	0
"2012-06-20	13:00:00"	12.181	167.03	86.425	38.348	1006.9	26.302	0
"2012-06-20	14:00:00"	11.156	164.16	89.293	31.672	1084.6	26.299	0
"2012-06-20	15:00:00"	10.984	165.65	91.853	25.767	1074.7	26.291	0
"2012-06-20	16:00:00"	11.561	161.71	94.227	22.314	1014.8	26.282	0
"2012-06-20	17:00:00"	11.17	160.14	96.048	20.317	885.82	26.27	0
"2012-06-20	18:00:00"	11.833	165.41	96.658	18.751	707.77	26.267	0
"2012-06-20	19:00:00"	13.208	151.38	96.875	18.252	497.49	26.261	0
"2012-06-20	20:00:00"	13.844	144.77	95.283	20.059	275.53	26.279	0
"2012-06-20	21:00:00"	13.769	139.37	91.856	24.162	61.65	26.302	0
"2012-06-20	22:00:00"	11.58	145.72	88.098	28.048	0.77987	26.335	0
"2012-06-20	23:00:00"	10.77	151.29	84.999	31.755	0.10875	26.367	0
"2012-06-21	00:00:00"	13.235	156.96	82.554	36.373	0.08522	26.379	0
"2012-06-21	01:00:00"	10.592	162.36	80.115	40.578	0.09645	26.388	0
"2012-06-21	02:00:00"	10.434	160.16	78.197	43.733	0.0831	26.388	0
"2012-06-21	03:00:00"	9.5921	157.82	76.673	46.138	0.0973	26.409	0
"2012-06-21	04:00:00"	7.6137	141.71	74.789	49.091	0.09179	26.42	0
"2012-06-21	05:00:00"	8.2661	120.1	72.974	52.718	0.09793	26.429	0
"2012-06-21	06:00:00"	8.309	114.27	70.426	59.504	0.07504	26.45	0
"2012-06-21	07:00:00"	6.3641	104.05	68.69	64.7	2.2035	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-21	08:00:00"	8.6675	134.94	69.823	66.521	79.472	26.468	0
"2012-06-21	09:00:00"	9.63	142.88	72.13	67.429	264.25	26.485	0
"2012-06-21	10:00:00"	10.138	146.14	75.033	63.015	487.26	26.524	0
"2012-06-21	11:00:00"	6.809	127.99	78.151	55.374	725.87	26.536	0
"2012-06-21	12:00:00"	7.1855	95.021	81.205	47.81	871.7	26.539	0
"2012-06-21	13:00:00"	11.178	91.866	84.628	40.342	1005.1	26.533	0
"2012-06-21	14:00:00"	13.852	107.07	87.407	34.445	1026.9	26.527	0
"2012-06-21	15:00:00"	14.776	107.87	89.131	31.532	1078.8	26.512	0
"2012-06-21	16:00:00"	14.368	112.2	90.159	29.187	875.74	26.5	0
"2012-06-21	17:00:00"	13.242	114.2	90.588	28.128	796.5	26.483	0
"2012-06-21	18:00:00"	11.936	122.24	90.473	27.6	580.92	26.465	0
"2012-06-21	19:00:00"	11.032	129.51	90.281	26.849	457.23	26.459	0
"2012-06-21	20:00:00"	11.425	125.02	89.464	26.744	174.53	26.471	0
"2012-06-21	21:00:00"	12.385	126.35	87.818	29.156	72.454	26.488	0
"2012-06-21	22:00:00"	10.846	118.75	82.853	39.361	1.1008	26.48	0
"2012-06-21	23:00:00"	9.4473	135.18	81.731	38.092	0.07737	26.491	0
"2012-06-22	00:00:00"	4.4198	100.65	78.095	44.906	0.07038	26.485	0
"2012-06-22	01:00:00"	5.6091	88.286	74.644	54.021	0.09766	26.494	0
"2012-06-22	02:00:00"	6.1646	82.272	72.144	59.82	0.08288	26.5	0
"2012-06-22	03:00:00"	7.183	80.765	71.205	66.224	0.08924	26.497	0
"2012-06-22	04:00:00"	6.9544	78.123	70.058	70.605	0.09158	26.488	0
"2012-06-22	05:00:00"	6.5654	79.196	68.561	72.906	0.10705	26.488	0
"2012-06-22	06:00:00"	4.2334	93.559	67.31	75.817	0.09857	26.494	0
"2012-06-22	07:00:00"	3.9637	106.23	66.553	76.965	3.2022	26.497	0
"2012-06-22	08:00:00"	6.3374	151.83	69.419	68.042	90.438	26.506	0
"2012-06-22	09:00:00"	11.722	170.18	73.874	56.531	277.91	26.512	0
"2012-06-22	10:00:00"	14.482	178.34	77.941	47.644	496.45	26.524	0
"2012-06-22	11:00:00"	11.766	173.31	80.79	42.681	703.95	26.521	0
"2012-06-22	12:00:00"	11.497	169.31	83.419	38.749	882.5	26.512	0
"2012-06-22	13:00:00"	11.953	150.52	85.793	34.489	1011	26.5	0
"2012-06-22	14:00:00"	11.851	149.52	87.648	31.53	1076.7	26.48	0
"2012-06-22	15:00:00"	11.725	154.17	89.184	28.437	1083.8	26.459	0
"2012-06-22	16:00:00"	11.538	148.84	90.596	26.698	1071.1	26.444	0
"2012-06-22	17:00:00"	12.086	145.66	91.229	25.648	832.66	26.42	0
"2012-06-22	18:00:00"	12.9	145.48	91.495	24.837	655.17	26.403	0
"2012-06-22	19:00:00"	11.743	143.84	91.292	24.819	505.12	26.391	0
"2012-06-22	20:00:00"	12.685	149.67	90.519	25.381	277.8	26.394	0
"2012-06-22	21:00:00"	11.481	150.68	88.555	27.724	57.087	26.4	0
"2012-06-22	22:00:00"	7.7553	150.58	85.803	30.304	0.57044	26.409	0
"2012-06-22	23:00:00"	7.5211	155.39	82.958	33.346	0.09052	26.42	0
"2012-06-23	00:00:00"	6.9525	157.36	80.012	36.949	0.0884	26.423	0
"2012-06-23	01:00:00"	6.6692	162.95	78.053	39.449	0.0672	26.418	0
"2012-06-23	02:00:00"	4.7814	178.27	76.032	42.24	0.10472	26.412	0
"2012-06-23	03:00:00"	3.4269	179.55	73.808	45.586	0.10535	26.412	0
"2012-06-23	04:00:00"	3.891	163.51	73.046	47.298	0.08797	26.406	0
"2012-06-23	05:00:00"	3.8047	174.07	71.817	49.467	0.08479	26.409	0
"2012-06-23	06:00:00"	3.4461	184.31	69.979	53.051	0.09836	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-23	07:00:00"	2.9323	185.13	68.903	55.556	3.3665	26.423	0
"2012-06-23	08:00:00"	4.2912	178.57	69.967	54.171	92.212	26.441	0
"2012-06-23	09:00:00"	10.316	190.96	74.845	45.047	283.03	26.453	0
"2012-06-23	10:00:00"	14.601	190.16	79.505	37.406	506.41	26.453	0
"2012-06-23	11:00:00"	14.853	186.6	81.923	34.228	719.02	26.444	0
"2012-06-23	12:00:00"	15.154	173.87	84.095	31.368	899.97	26.444	0
"2012-06-23	13:00:00"	14.106	161.93	85.917	28.344	1030.7	26.447	0
"2012-06-23	14:00:00"	12.933	153.49	87.851	24.361	1100.9	26.432	0
"2012-06-23	15:00:00"	13.423	155.94	89.312	21.493	1097	26.423	0
"2012-06-23	16:00:00"	11.922	153.49	90.359	19.659	1027.2	26.406	0
"2012-06-23	17:00:00"	10.475	150.61	91.167	17.97	898.98	26.397	0
"2012-06-23	18:00:00"	10.321	164.02	91.546	17.537	720.89	26.391	0
"2012-06-23	19:00:00"	10.647	157.15	91.534	17.25	509.94	26.388	0
"2012-06-23	20:00:00"	10.271	157.09	90.824	18.548	281.98	26.391	0
"2012-06-23	21:00:00"	10.744	155.52	89.098	20.564	64.392	26.403	0
"2012-06-23	22:00:00"	6.6779	148.32	85.756	24.217	0.81379	26.42	0
"2012-06-23	23:00:00"	6.786	154.79	83.309	27.343	0.07017	26.441	0
"2012-06-24	00:00:00"	5.9627	163.17	80.328	30.549	0.08373	26.453	0
"2012-06-24	01:00:00"	5.381	160.79	77.775	33.768	0.07251	26.447	0
"2012-06-24	02:00:00"	4.3701	181.31	76.191	36.139	0.09475	26.453	0
"2012-06-24	03:00:00"	2.081	181.68	74.631	38.357	0.08543	26.447	0
"2012-06-24	04:00:00"	1.0495	181.51	72.863	41.161	0.08734	26.45	0
"2012-06-24	05:00:00"	1.7224	183.41	71.291	44.034	0.08946	26.462	0
"2012-06-24	06:00:00"	3.366	147.3	71.201	46.215	0.08267	26.471	0
"2012-06-24	07:00:00"	2.1226	163.42	70.057	49.032	2.9929	26.488	0
"2012-06-24	08:00:00"	2.4047	174.08	71.026	48.478	88.173	26.503	0
"2012-06-24	09:00:00"	8.2947	182.3	75.186	42.419	278.34	26.518	0
"2012-06-24	10:00:00"	14.37	184.56	79.752	35.614	502.08	26.53	0
"2012-06-24	11:00:00"	12.206	178.21	83.461	30.336	717.4	26.527	0
"2012-06-24	12:00:00"	10.052	141.93	85.556	27.431	901.35	26.521	0
"2012-06-24	13:00:00"	11.634	139.14	87.365	25.254	1031.7	26.509	0
"2012-06-24	14:00:00"	12.388	149.29	88.866	22.321	1104.4	26.5	0
"2012-06-24	15:00:00"	11.215	138.58	90.615	20.131	1101.1	26.488	0
"2012-06-24	16:00:00"	10.972	141.44	91.974	18.311	1035	26.471	0
"2012-06-24	17:00:00"	10.543	134.8	92.69	18.251	904.02	26.462	0
"2012-06-24	18:00:00"	10.293	145.87	93.204	17.056	725.4	26.45	0
"2012-06-24	19:00:00"	10.408	146.64	93.053	17.29	515.44	26.441	0
"2012-06-24	20:00:00"	10.794	138.9	92.518	18.182	287.23	26.444	0
"2012-06-24	21:00:00"	9.3821	144.01	90.69	19.798	66.079	26.453	0
"2012-06-24	22:00:00"	6.7425	140.14	87.382	23.275	0.54712	26.465	0
"2012-06-24	23:00:00"	6.942	136.77	84.81	25.898	0.06953	26.485	0
"2012-06-25	00:00:00"	7.1383	143.34	83.157	27.929	0.08755	26.494	0
"2012-06-25	01:00:00"	6.3467	158.46	80.805	30.902	0.08437	26.491	0
"2012-06-25	02:00:00"	4.1595	162.75	78.437	34.144	0.09984	26.494	0
"2012-06-25	03:00:00"	3.1373	190.07	76.913	36.715	0.09497	26.491	0
"2012-06-25	04:00:00"	2.7695	188.37	75.246	39.313	0.08479	26.488	0
"2012-06-25	05:00:00"	1.7119	157.6	73.887	42.267	0.10133	26.491	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-25	06:00:00"	1.8678	175.01	73.245	43.746	0.09857	26.497	0
"2012-06-25	07:00:00"	1.7945	152.23	72.2	44.998	3.1899	26.509	0
"2012-06-25	08:00:00"	1.5062	128.86	71.817	45.732	87.119	26.524	0
"2012-06-25	09:00:00"	2.4557	160.07	78.24	37.812	277.88	26.533	0
"2012-06-25	10:00:00"	5.7626	188.19	82.591	33.333	500.25	26.536	0
"2012-06-25	11:00:00"	4.9355	186.06	85.605	29.885	714.56	26.527	0
"2012-06-25	12:00:00"	6.4616	154.82	87.983	25.845	895.49	26.521	0
"2012-06-25	13:00:00"	7.6497	139.15	90.138	23.448	1028.9	26.506	0
"2012-06-25	14:00:00"	8.4388	144.54	92.247	21.573	1097.7	26.485	0
"2012-06-25	15:00:00"	8.3363	135.69	94.62	17.498	1096.7	26.465	0
"2012-06-25	16:00:00"	10.661	157.08	96.237	15.234	1029.1	26.45	0
"2012-06-25	17:00:00"	7.4738	124.49	97.483	12.38	899.54	26.432	0
"2012-06-25	18:00:00"	8.7272	133.2	97.935	12.52	716.75	26.42	0
"2012-06-25	19:00:00"	8.852	129.82	97.855	12.554	504.61	26.406	0
"2012-06-25	20:00:00"	7.5826	123.4	96.944	13.013	281.08	26.406	0
"2012-06-25	21:00:00"	5.898	146.07	95.152	14.041	65.116	26.412	0
"2012-06-25	22:00:00"	4.9703	133.72	91.116	16.472	0.86	26.415	0
"2012-06-25	23:00:00"	4.4242	115.56	86.516	19.445	0.09242	26.426	0
"2012-06-26	00:00:00"	5.3407	114.46	86.036	19.795	0.06932	26.429	0
"2012-06-26	01:00:00"	4.9486	120.78	83.943	20.629	0.10535	26.426	0
"2012-06-26	02:00:00"	3.1901	97.584	79.15	25.049	0.08755	26.418	0
"2012-06-26	03:00:00"	6.2355	162.82	80.375	24.157	0.08416	26.426	0
"2012-06-26	04:00:00"	2.378	199.67	78.135	26.102	0.09687	26.418	0
"2012-06-26	05:00:00"	1.0775	176.59	75.61	30.839	0.08797	26.42	0
"2012-06-26	06:00:00"	0.57166	28.299	72.756	35.093	0.09793	26.426	0
"2012-06-26	07:00:00"	0.78666	28.538	69.648	40.34	2.8477	26.426	0
"2012-06-26	08:00:00"	0.96934	19.91	70.39	41.472	88.505	26.435	0
"2012-06-26	09:00:00"	3.3361	170.72	79.644	33.256	279.06	26.45	0
"2012-06-26	10:00:00"	5.186	213.84	85.051	28.933	503.64	26.456	0
"2012-06-26	11:00:00"	8.0188	201.38	89.803	25.564	717.04	26.45	0
"2012-06-26	12:00:00"	7.0134	183.33	92.182	21.773	895	26.444	0
"2012-06-26	13:00:00"	7.0917	182.38	94.811	17.125	1025.8	26.429	0
"2012-06-26	14:00:00"	9.7139	194.8	96.891	13.881	1095.7	26.409	0
"2012-06-26	15:00:00"	10.167	185.22	98.505	12.094	1096.9	26.388	0
"2012-06-26	16:00:00"	9.6225	166.12	99.663	10.879	1026.5	26.376	0
"2012-06-26	17:00:00"	11.44	174.65	100.5	10.301	896.21	26.361	0
"2012-06-26	18:00:00"	10.481	148.83	101.04	9.6389	721.09	26.347	0
"2012-06-26	19:00:00"	9.7586	172.65	100.31	10.116	481.06	26.338	0
"2012-06-26	20:00:00"	9.2522	161.12	99.418	11.252	274.16	26.341	0
"2012-06-26	21:00:00"	8.1431	149.21	97.605	12.528	70.418	26.347	0
"2012-06-26	22:00:00"	5.1785	144.01	92.849	14.756	0.93886	26.356	0
"2012-06-26	23:00:00"	4.5807	151.71	89.919	16.684	0.07059	26.367	0
"2012-06-27	00:00:00"	3.8444	155.02	86.834	18.808	0.0956	26.382	0
"2012-06-27	01:00:00"	4.5248	170.01	86.445	19.054	0.09433	26.382	0
"2012-06-27	02:00:00"	2.8968	151.24	83.069	21.832	0.09899	26.391	0
"2012-06-27	03:00:00"	6.2758	146.43	83.967	22.793	0.06677	26.385	0
"2012-06-27	04:00:00"	4.5913	156.84	82.453	25.53	0.07038	26.376	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-27	05:00:00"	6.2094	160.26	79.92	28.271	0.07992	26.373	0
"2012-06-27	06:00:00"	6.9768	197.87	79.495	28.93	0.09285	26.397	0
"2012-06-27	07:00:00"	4.275	208.24	77.732	31.187	2.1243	26.409	0
"2012-06-27	08:00:00"	2.8956	282.23	74.831	34.607	71.249	26.423	0
"2012-06-27	09:00:00"	2.4103	209.07	80.103	29.685	258.89	26.45	0
"2012-06-27	10:00:00"	5.5625	190.57	85.323	25.733	475.92	26.453	0
"2012-06-27	11:00:00"	6.3945	207.1	91.25	20.846	686.56	26.45	0
"2012-06-27	12:00:00"	7.5726	195.59	94.123	18.672	873.93	26.453	0
"2012-06-27	13:00:00"	6.279	179.71	96.644	16.903	1005.6	26.447	0
"2012-06-27	14:00:00"	9.1037	156.44	97.804	15.025	1074.9	26.435	0
"2012-06-27	15:00:00"	7.8585	144.55	99.058	13.771	1082.6	26.423	0
"2012-06-27	16:00:00"	7.3527	151.08	100.07	13.077	897.95	26.409	0
"2012-06-27	17:00:00"	7.677	121.21	100.25	12.788	633.41	26.394	0
"2012-06-27	18:00:00"	9.6281	113.85	100.99	12.745	686.3	26.388	0
"2012-06-27	19:00:00"	9.8798	142.31	99.873	13.577	369.17	26.385	0
"2012-06-27	20:00:00"	11.545	151.33	98.846	13.143	232.72	26.382	0
"2012-06-27	21:00:00"	10.207	150.01	96.48	14.178	36.803	26.397	0
"2012-06-27	22:00:00"	7.7615	138.25	92.616	16.614	0.7184	26.412	0
"2012-06-27	23:00:00"	8.6333	138.74	89.732	18.296	0.08903	26.432	0
"2012-06-28	00:00:00"	7.3055	146.33	87.54	19.507	0.08734	26.441	0
"2012-06-28	01:00:00"	7.4869	150.21	85.36	21.955	0.08861	26.45	0
"2012-06-28	02:00:00"	8.2356	166.06	82.455	25.917	0.06487	26.453	0
"2012-06-28	03:00:00"	6.7854	186.33	80.764	29.28	0.09179	26.453	0
"2012-06-28	04:00:00"	4.8921	197.35	78.225	32.624	0.09221	26.459	0
"2012-06-28	05:00:00"	5.3512	186.14	77.506	33.843	0.09412	26.456	0
"2012-06-28	06:00:00"	5.5476	180.79	76.005	36.536	0.10875	26.465	0
"2012-06-28	07:00:00"	3.9327	180.13	74.456	39.993	2.4933	26.483	0
"2012-06-28	08:00:00"	5.1624	173.97	74.84	41.979	76.966	26.497	0
"2012-06-28	09:00:00"	12.866	173.24	79.077	39.822	257.1	26.515	0
"2012-06-28	10:00:00"	15.204	181.33	83.787	34.143	475.67	26.524	0
"2012-06-28	11:00:00"	13.177	191.25	87.286	30.08	686.65	26.527	0
"2012-06-28	12:00:00"	11.517	191.45	90.765	25.582	870.3	26.527	0
"2012-06-28	13:00:00"	9.2131	191.18	94.177	21.246	996.61	26.521	0
"2012-06-28	14:00:00"	9.2242	158.6	96.086	18.135	1077.9	26.503	0
"2012-06-28	15:00:00"	8.2885	155.88	97.058	16.41	1104.8	26.491	0
"2012-06-28	16:00:00"	8.3953	131.35	97.817	16.382	1019.8	26.474	0
"2012-06-28	17:00:00"	9.4542	144.76	98.1	16.208	915.01	26.462	0
"2012-06-28	18:00:00"	9.4678	151.46	97.912	15.903	715.46	26.45	0
"2012-06-28	19:00:00"	9.3075	140.13	97.289	16.157	479.6	26.435	0
"2012-06-28	20:00:00"	10.741	143.92	96.286	16.541	250.51	26.441	0
"2012-06-28	21:00:00"	10.076	149.59	94.262	17.852	57.798	26.447	0
"2012-06-28	22:00:00"	8.0946	148.58	90.73	20.056	0.54585	26.456	0
"2012-06-28	23:00:00"	8.0778	154.71	87.479	23.046	0.09963	26.474	0
"2012-06-29	00:00:00"	7.385	162.53	84.518	26.144	0.07928	26.483	0
"2012-06-29	01:00:00"	6.4349	176.11	82.338	28.69	0.10154	26.483	0
"2012-06-29	02:00:00"	6.0087	176.87	80.321	31.339	0.08182	26.477	0
"2012-06-29	03:00:00"	5.0375	184.93	77.841	34.688	0.10217	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-06-29	04:00:00"	4.6839	181.9	75.998	37.708	0.09158	26.465	0
"2012-06-29	05:00:00"	4.4086	186.41	74.781	39.334	0.08013	26.462	0
"2012-06-29	06:00:00"	5.0859	176.99	73.895	40.158	0.08988	26.462	0
"2012-06-29	07:00:00"	5.2711	188.43	72.571	41.812	2.7718	26.474	0
"2012-06-29	08:00:00"	5.908	210.73	72.766	42.704	79.216	26.488	0
"2012-06-29	09:00:00"	9.5753	186.92	75.866	41.618	252.52	26.494	0
"2012-06-29	10:00:00"	14.774	187.96	80.364	37.629	470.72	26.485	0
"2012-06-29	11:00:00"	13.073	185.97	84.534	32.463	685.88	26.477	0
"2012-06-29	12:00:00"	13.372	185.08	88.872	26.464	870.36	26.483	0
"2012-06-29	13:00:00"	11.612	178.88	92.005	21.582	1001.3	26.471	0
"2012-06-29	14:00:00"	8.8179	200.75	94.674	18.778	1067.6	26.45	0
"2012-06-29	15:00:00"	9.0353	162.22	95.544	17.608	1069.6	26.423	0
"2012-06-29	16:00:00"	9.1745	190.26	96.528	17.455	998.25	26.406	0
"2012-06-29	17:00:00"	7.9722	145.32	96.877	16.972	870.29	26.379	0
"2012-06-29	18:00:00"	8.9863	141.63	97.293	16.385	687.26	26.358	0
"2012-06-29	19:00:00"	6.0988	121.41	97.574	15.535	479.1	26.347	0
"2012-06-29	20:00:00"	9.8469	137.55	96.567	15.995	256.09	26.35	0
"2012-06-29	21:00:00"	10.039	138.61	94.287	16.557	60.039	26.358	0
"2012-06-29	22:00:00"	8.4941	141.61	90.383	17.839	0.61898	26.367	0
"2012-06-29	23:00:00"	8.8744	149.06	87.408	19.903	0.08712	26.376	0
"2012-06-30	00:00:00"	6.7226	165.66	84.082	23.262	0.08373	26.385	0
"2012-06-30	01:00:00"	6.4765	173.3	81.481	26.92	0.08225	26.388	0
"2012-06-30	02:00:00"	7.1352	170.35	80.218	30.119	0.09624	26.373	0
"2012-06-30	03:00:00"	4.92	164.09	78.569	32.709	0.0778	26.409	0
"2012-06-30	04:00:00"	4.4484	103.14	77.786	34.346	0.08522	26.391	0
"2012-06-30	05:00:00"	8.1679	167.3	77.75	35.26	0.08606	26.391	0
"2012-06-30	06:00:00"	9.7176	182.34	77.283	35.461	0.09475	26.376	0
"2012-06-30	07:00:00"	11.077	189.86	76.458	36.174	3.2819	26.373	0
"2012-06-30	08:00:00"	8.6588	180.1	74.75	42.75	76.373	26.391	0
"2012-06-30	09:00:00"	10.824	177.49	75.871	51.733	248.34	26.406	0
"2012-06-30	10:00:00"	10.882	188.17	79.818	45.853	467.84	26.412	0
"2012-06-30	11:00:00"	12.567	186.97	84.369	34.439	681.53	26.409	0
"2012-06-30	12:00:00"	13.32	189.76	87.365	26.962	844.06	26.409	0
"2012-06-30	13:00:00"	12.384	173.47	89.748	23.539	994.7	26.406	0
"2012-06-30	14:00:00"	10.711	154.74	92.232	22.283	1067.2	26.388	0
"2012-06-30	15:00:00"	11.836	146.12	93.564	20.536	1067	26.373	0
"2012-06-30	16:00:00"	12.003	143.71	94.227	20.753	985.42	26.356	0
"2012-06-30	17:00:00"	10.198	120.53	94.703	20.927	833.94	26.335	0
"2012-06-30	18:00:00"	10.205	116.1	95.15	18.021	699.54	26.326	0
"2012-06-30	19:00:00"	10.125	126.28	94.718	18.096	487.74	26.32	0
"2012-06-30	20:00:00"	10.759	130.96	93.832	18.528	266.61	26.326	0
"2012-06-30	21:00:00"	9.9829	120.58	92.105	19.259	62.759	26.341	0
"2012-06-30	22:00:00"	6.1988	109.23	87.797	20.747	0.56853	26.361	0
"2012-06-30	23:00:00"	4.802	100.49	82.736	25.346	0.0956	26.379	0
"2012-07-01	00:00:00"	5.5426	103.67	81.002	28.821	0.07144	26.388	0
"2012-07-01	01:00:00"	8.9564	119.92	81.523	31.374	0.09264	26.373	0
"2012-07-01	02:00:00"	9.6101	127.3	80.544	35.094	0.08946	26.37	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-01	03:00:00"	9.1223	152.94	78.607	40.726	0.07907	26.373	0
"2012-07-01	04:00:00"	9.8046	169.98	76.982	55.299	0.0973	26.367	0
"2012-07-01	05:00:00"	11.021	159.77	75.035	60.974	0.0814	26.376	0
"2012-07-01	06:00:00"	8.8483	169.54	73.235	64.981	0.11129	26.412	0
"2012-07-01	07:00:00"	6.7313	172.95	71.621	68.241	2.4456	26.432	0
"2012-07-01	08:00:00"	6.991	158	71.547	70.216	78.772	26.447	0
"2012-07-01	09:00:00"	8.8837	172.53	73.06	66.819	256.78	26.474	0
"2012-07-01	10:00:00"	9.7711	169.37	75.472	60.082	478.96	26.477	0
"2012-07-01	11:00:00"	9.4703	171.35	78.666	51.522	693.91	26.468	0
"2012-07-01	12:00:00"	9.7885	169.79	81.796	42.603	877.53	26.459	0
"2012-07-01	13:00:00"	8.9558	142.23	84.547	36.756	915.48	26.453	0
"2012-07-01	14:00:00"	9.2261	122.81	86.41	31.863	847.03	26.447	0
"2012-07-01	15:00:00"	8.7837	113.93	88.731	25.859	1133.3	26.426	0
"2012-07-01	16:00:00"	10.162	117.55	90.383	22.388	999.49	26.409	0
"2012-07-01	17:00:00"	10.894	144.68	90.722	22.312	879	26.391	0
"2012-07-01	18:00:00"	14.33	155.81	89.348	26.408	719.17	26.382	0
"2012-07-01	19:00:00"	12.014	142.85	89.072	25.969	509.08	26.373	0
"2012-07-01	20:00:00"	12.658	145.33	88.026	26.439	282.92	26.376	0
"2012-07-01	21:00:00"	12.014	142.73	86.043	30.11	65.822	26.391	0
"2012-07-01	22:00:00"	10.387	144.72	83.627	34.585	0.64569	26.409	0
"2012-07-01	23:00:00"	7.3102	139.14	81.448	37.429	0.09603	26.435	0
"2012-07-02	00:00:00"	9.6977	150.89	79.678	39.572	0.10154	26.459	0
"2012-07-02	01:00:00"	9.695	158.91	77.957	45.657	0.07272	26.468	0
"2012-07-02	02:00:00"	8.6986	148.78	76.454	47.127	0.10832	26.459	0
"2012-07-02	03:00:00"	10.28	163.03	75.583	51.481	0.08225	26.453	0
"2012-07-02	04:00:00"	7.6689	174	73.765	56.169	0.07631	26.438	0
"2012-07-02	05:00:00"	6.1578	168.89	71.639	60.637	0.10641	26.441	0
"2012-07-02	06:00:00"	7.6609	164.02	70.399	65.7	0.08034	26.453	0
"2012-07-02	07:00:00"	8.5662	167.76	69.367	70.474	2.0827	26.459	0
"2012-07-02	08:00:00"	7.6391	163.29	69.044	72.899	55.854	26.483	0
"2012-07-02	09:00:00"	11.188	159.41	70.483	71.813	156.64	26.497	0
"2012-07-02	10:00:00"	11.803	159.6	72.1	67.135	233.51	26.506	0
"2012-07-02	11:00:00"	11.157	162.08	74.06	61.911	389.23	26.5	0
"2012-07-02	12:00:00"	11.169	158.91	76.401	56.163	528.79	26.488	0
"2012-07-02	13:00:00"	11.507	156.8	79.419	48.73	794.53	26.485	0
"2012-07-02	14:00:00"	11.009	160.05	81.911	43.148	673.53	26.474	0
"2012-07-02	15:00:00"	12.708	149.96	84.75	36.958	1054.4	26.453	0
"2012-07-02	16:00:00"	12.34	150.43	87.057	32.369	1015.5	26.435	0
"2012-07-02	17:00:00"	12.404	140.58	86.875	33.641	751.4	26.42	0
"2012-07-02	18:00:00"	13.577	150.03	87.316	33.592	671.85	26.403	0
"2012-07-02	19:00:00"	15.588	156.87	86.687	36.083	505.11	26.394	0
"2012-07-02	20:00:00"	14.113	144.63	85.688	36.787	246.67	26.388	0
"2012-07-02	21:00:00"	15.004	148.82	84.913	36.763	62.568	26.4	0
"2012-07-02	22:00:00"	10.078	150.69	83.44	38.021	0.71649	26.418	0
"2012-07-02	23:00:00"	10.537	153.22	82.167	40.644	0.09136	26.441	0
"2012-07-03	00:00:00"	17.409	168.18	80.842	44.929	0.08861	26.447	0
"2012-07-03	01:00:00"	13.188	160.2	79.009	47.862	0.08946	26.447	0

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"2012-07-03	02:00:00"	10.586	158.36	77.914	49.263	0.07546	26.444	0
"2012-07-03	03:00:00"	8.2779	156.99	76.914	51.413	0.06847	26.441	0
"2012-07-03	04:00:00"	6.9482	147.58	75.519	54.17	0.07758	26.438	0
"2012-07-03	05:00:00"	7.7504	145.2	74.675	54.93	0.08585	26.444	0
"2012-07-03	06:00:00"	11.348	154.52	75.058	54.358	0.09687	26.444	0
"2012-07-03	07:00:00"	10.299	151.79	73.776	60.909	1.7054	26.447	0
"2012-07-03	08:00:00"	12.155	158.27	73.566	66.857	46.076	26.462	0
"2012-07-03	09:00:00"	13.887	158.26	73.45	69.909	146.33	26.465	0
"2012-07-03	10:00:00"	14.457	162.44	73.88	70.388	231.13	26.459	0
"2012-07-03	11:00:00"	15.245	169.51	77.888	60.263	675.92	26.45	0
"2012-07-03	12:00:00"	13.548	170.34	81.675	50.56	849.89	26.447	0
"2012-07-03	13:00:00"	11.039	172.82	84.829	42.331	955.19	26.432	0
"2012-07-03	14:00:00"	9.809	185.42	87.708	36.105	1096.6	26.423	0
"2012-07-03	15:00:00"	11.764	167.87	89.052	35.105	825.01	26.403	0
"2012-07-03	16:00:00"	10.275	162.57	90.476	32.157	798.24	26.379	0
"2012-07-03	17:00:00"	13.028	158.66	91.288	30.411	642.56	26.361	0
"2012-07-03	18:00:00"	17.222	161.78	90.056	32.531	229.41	26.344	0
"2012-07-03	19:00:00"	15.894	178.11	86.169	39.535	128.3	26.344	0
"2012-07-03	20:00:00"	19.269	194.22	85.757	38.707	48.206	26.358	0
"2012-07-03	21:00:00"	17.071	190.38	84.222	41.375	5.0055	26.367	0
"2012-07-03	22:00:00"	12.396	186.19	82.318	43.684	0.10938	26.37	0
"2012-07-03	23:00:00"	7.8721	199.87	79.716	48.379	0.0956	26.391	0
"2012-07-04	00:00:00"	6.9146	170.22	77.945	50.74	0.07864	26.412	0
"2012-07-04	01:00:00"	6.668	177.21	76.776	53.443	0.08688	26.415	0
"2012-07-04	02:00:00"	9.282	161.81	76.86	54.027	0.06529	26.423	0
"2012-07-04	03:00:00"	7.7814	174.29	76.708	54.186	0.08161	26.415	0
"2012-07-04	04:00:00"	6.3572	177.71	76.196	55.326	0.0956	26.409	0
"2012-07-04	05:00:00"	5.2748	183.55	75.578	55.979	0.08225	26.409	0
"2012-07-04	06:00:00"	8.2332	172.53	75.336	55.094	0.09518	26.409	0
"2012-07-04	07:00:00"	10.163	163.6	74.877	55.28	2.9658	26.418	0
"2012-07-04	08:00:00"	11.624	162.35	75.406	53.967	75.88	26.432	0
"2012-07-04	09:00:00"	14.231	168.76	76.851	51.845	260.56	26.438	0
"2012-07-04	10:00:00"	16.19	171.37	79.735	48.394	459.31	26.441	0
"2012-07-04	11:00:00"	14.994	175.83	82.302	45.207	661.69	26.438	0
"2012-07-04	12:00:00"	14.904	185.78	83.155	43.769	753.12	26.435	0
"2012-07-04	13:00:00"	13.905	174.96	86.169	38.971	980.76	26.429	0
"2012-07-04	14:00:00"	13.581	178.81	88.184	34.69	1052.7	26.412	0
"2012-07-04	15:00:00"	12.662	166.96	90.157	30.521	924.71	26.391	0
"2012-07-04	16:00:00"	14.055	166.47	91.564	28.745	867.32	26.373	0
"2012-07-04	17:00:00"	14.273	162.31	92.259	27.446	678.71	26.358	0
"2012-07-04	18:00:00"	16.565	176.34	93.193	27.19	776.61	26.344	0
"2012-07-04	19:00:00"	23.332	172.08	89.363	33.78	299.34	26.358	0
"2012-07-04	20:00:00"	22.907	166.53	77.233	60.741	83.184	26.418	0.03
"2012-07-04	21:00:00"	9.046	161.48	74.895	64.529	1.0455	26.385	0.01
"2012-07-04	22:00:00"	9.4094	198.18	77.01	51.299	0.10769	26.4	0
"2012-07-04	23:00:00"	5.793	166.11	74.403	62.889	0.06677	26.418	0
"2012-07-05	00:00:00"	8.4656	161.11	72.831	63.933	0.07758	26.444	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-05	01:00:00"	4.6093	136.2	71.707	63.68	0.09772	26.435	0
"2012-07-05	02:00:00"	4.6578	147.86	71.456	59.562	0.08373	26.429	0
"2012-07-05	03:00:00"	5.0002	155.15	69.83	62.313	0.10027	26.426	0
"2012-07-05	04:00:00"	5.8477	167.27	68.72	64.253	0.09815	26.432	0
"2012-07-05	05:00:00"	5.337	184.03	67.92	64.278	0.10557	26.435	0
"2012-07-05	06:00:00"	4.971	175.87	67.245	64.806	0.11023	26.432	0
"2012-07-05	07:00:00"	6.448	171.85	67.569	67.935	1.8179	26.447	0
"2012-07-05	08:00:00"	10.338	169.07	69.41	68.034	76.688	26.459	0
"2012-07-05	09:00:00"	15.868	178.26	72.724	63.078	254.34	26.468	0
"2012-07-05	10:00:00"	15.608	187.06	75.986	55.836	468.78	26.471	0
"2012-07-05	11:00:00"	13.371	192.87	79.218	49.621	677.12	26.465	0
"2012-07-05	12:00:00"	10.451	196.13	82.802	42.028	841.6	26.474	0
"2012-07-05	13:00:00"	11.594	190.44	85.297	37.235	887.6	26.474	0
"2012-07-05	14:00:00"	12.955	174.51	86.711	35.918	795.72	26.456	0
"2012-07-05	15:00:00"	13.971	162.24	88.011	33.614	897.43	26.438	0
"2012-07-05	16:00:00"	15.526	161.97	88.897	30.292	704.42	26.429	0
"2012-07-05	17:00:00"	21.09	161.95	87.205	33.939	686.78	26.418	0
"2012-07-05	18:00:00"	18.662	155.97	86.543	33.802	557.16	26.426	0
"2012-07-05	19:00:00"	18.68	161.12	84.704	36.976	329.78	26.444	0
"2012-07-05	20:00:00"	21.052	158.27	81.861	36.372	119.33	26.45	0
"2012-07-05	21:00:00"	17.571	172.37	78.917	44.198	54.729	26.468	0
"2012-07-05	22:00:00"	10.679	188.92	76.207	49.979	0.45003	26.477	0
"2012-07-05	23:00:00"	8.8191	195.27	74.764	52.589	0.10493	26.494	0
"2012-07-06	00:00:00"	7.8193	181.53	72.481	54.389	0.08755	26.503	0
"2012-07-06	01:00:00"	4.9324	185.39	70.552	57.957	0.09026	26.497	0
"2012-07-06	02:00:00"	4.3347	187.12	69.735	59.476	0.10641	26.494	0
"2012-07-06	03:00:00"	3.8892	157.77	68.648	62.355	0.0814	26.494	0
"2012-07-06	04:00:00"	1.9747	167.83	68.076	64.472	0.09264	26.491	0
"2012-07-06	05:00:00"	3.7462	161.61	68.631	65.578	0.08818	26.494	0
"2012-07-06	06:00:00"	4.4403	158.66	69.01	66.54	0.06656	26.497	0
"2012-07-06	07:00:00"	6.3815	153.49	68.528	68.2	1.5557	0	0
"2012-07-06	08:00:00"	7.7938	149.42	68.718	69.193	31.329	26.515	0
"2012-07-06	09:00:00"	11.572	149.39	71.956	65.596	307.98	26.527	0
"2012-07-06	10:00:00"	13.52	174.71	75.838	58.194	367.73	26.533	0
"2012-07-06	11:00:00"	12.34	189.4	79.338	50.407	549.83	26.533	0
"2012-07-06	12:00:00"	12.749	190.45	82.69	41.754	838.87	26.53	0
"2012-07-06	13:00:00"	12.549	176.56	84.631	36.726	736.5	26.518	0
"2012-07-06	14:00:00"	12.579	168.08	86.231	33.252	708.24	26.509	0
"2012-07-06	15:00:00"	13.246	153.38	87.892	30.083	826.52	26.491	0
"2012-07-06	16:00:00"	14.318	157.77	89.209	28.155	879.99	26.483	0
"2012-07-06	17:00:00"	15.7	161.33	89.823	26.517	752.9	26.471	0
"2012-07-06	18:00:00"	14.434	161.18	88.501	27.879	287.51	26.465	0
"2012-07-06	19:00:00"	14.142	163.86	88.666	25.528	217.35	26.477	0
"2012-07-06	20:00:00"	9.7959	308.63	81.332	44.277	155.6	26.491	0
"2012-07-06	21:00:00"	6.5666	298.23	78.364	50.728	24.8	26.503	0
"2012-07-06	22:00:00"	2.9292	321.27	74.441	57.399	0.45427	26.515	0
"2012-07-06	23:00:00"	2.5464	312.21	73.085	61.282	0.08076	26.527	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-07"	00:00:00"	2.7434	338.66	71.02	64.316	0.07186	26.533	0
"2012-07-07"	01:00:00"	1.639	313.82	69.955	65.907	0.10443	26.536	0
"2012-07-07"	02:00:00"	1.8828	312.93	68.682	68.384	0.09539	26.539	0
"2012-07-07"	03:00:00"	3.5014	20.017	67.445	75.018	0.10938	26.536	0
"2012-07-07"	04:00:00"	2.9049	46.507	66.463	81.761	0.10811	26.536	0
"2012-07-07"	05:00:00"	4.203	67.247	66.024	82.95	0.085	26.547	0
"2012-07-07"	06:00:00"	2.6638	72.618	65.894	79.8	0.10111	26.547	0
"2012-07-07"	07:00:00"	2.4277	231.51	64.823	80.292	1.5407	0	0
"2012-07-07"	08:00:00"	1.1234	176.79	66.54	75.789	74.066	26.577	0
"2012-07-07"	09:00:00"	2.278	90.986	75.386	53.456	253.72	26.592	0
"2012-07-07"	10:00:00"	4.8156	168.62	79.882	40.431	470.12	26.607	0
"2012-07-07"	11:00:00"	5.4643	171.26	82.15	35.634	679.21	26.609	0
"2012-07-07"	12:00:00"	4.0631	171.76	85.095	30.181	857.32	26.604	0
"2012-07-07"	13:00:00"	5.88	141.12	87.389	27.338	1027.9	26.595	0
"2012-07-07"	14:00:00"	9.2814	105.71	88.929	26.103	1132.2	26.577	0
"2012-07-07"	15:00:00"	7.5441	110.08	89.693	24.793	718.2	26.553	0
"2012-07-07"	16:00:00"	6.8742	124.77	90.329	23.235	682.12	26.533	0
"2012-07-07"	17:00:00"	7.9343	134.53	91.877	20.986	749.33	26.509	0
"2012-07-07"	18:00:00"	8.3494	106.64	92.377	20.176	572.26	26.491	0
"2012-07-07"	19:00:00"	5.6806	113.23	92.417	19.521	490.13	26.477	0
"2012-07-07"	20:00:00"	7.2303	115.3	92.312	20.157	268.95	26.48	0
"2012-07-07"	21:00:00"	5.8303	141.18	90.87	21.842	68.854	26.488	0
"2012-07-07"	22:00:00"	7.0134	135.79	87.655	26.247	0.57595	26.503	0
"2012-07-07"	23:00:00"	8.4786	160.81	84.286	32.691	0.09264	26.527	0
"2012-07-08"	00:00:00"	4.8044	191.22	80.684	38.891	0.07949	26.539	0
"2012-07-08"	01:00:00"	3.3678	212.75	79.244	41.718	0.07695	26.542	0
"2012-07-08"	02:00:00"	2.2084	207.71	78.178	43.335	0.08564	26.533	0
"2012-07-08"	03:00:00"	3.7587	212.54	77.922	44.001	0.0903	26.527	0
"2012-07-08"	04:00:00"	2.03	271.18	75.148	47.806	0.08776	26.521	0
"2012-07-08"	05:00:00"	1.7193	289.83	72.669	52.256	0.08691	26.524	0
"2012-07-08"	06:00:00"	1.8567	204.42	74.764	49.55	0.08522	26.53	0
"2012-07-08"	07:00:00"	1.587	255.59	72.189	52.507	1.5023	26.545	0
"2012-07-08"	08:00:00"	0.70464	172.22	71.636	54.189	68.586	26.553	0
"2012-07-08"	09:00:00"	2.9192	175.5	77.023	47.379	242.11	26.565	0
"2012-07-08"	10:00:00"	4.7603	198.39	81.814	38.592	458.88	26.565	0
"2012-07-08"	11:00:00"	4.1278	243.18	86.393	31.517	666.37	26.565	0
"2012-07-08"	12:00:00"	3.6338	256.88	89.879	26.413	850.7	26.559	0
"2012-07-08"	13:00:00"	4.0563	341.92	90.258	25.297	404.31	26.55	0
"2012-07-08"	14:00:00"	6.9575	158.91	91.478	23.548	639.75	26.53	0
"2012-07-08"	15:00:00"	10.257	160.11	91.695	23.887	1004.1	26.518	0
"2012-07-08"	16:00:00"	15.37	139.3	90.985	24.569	995.71	26.497	0
"2012-07-08"	17:00:00"	9.6356	165.86	92.298	22.43	847.86	26.483	0
"2012-07-08"	18:00:00"	6.6449	222.97	93.285	21.953	608.98	26.468	0
"2012-07-08"	19:00:00"	3.658	223.21	93.621	21.7	473.73	26.45	0
"2012-07-08"	20:00:00"	6.9413	95.518	92.18	23.636	239.7	26.468	0
"2012-07-08"	21:00:00"	7.4564	262.32	83.779	38.986	91.356	26.483	0
"2012-07-08"	22:00:00"	7.6236	58.693	84.076	35.94	1.26	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-08	23:00:00"	12.468	116.61	81.722	40.953	0.08161	26.524	0
"2012-07-09	00:00:00"	8.3661	118.28	79.389	46.409	0.1026	26.527	0
"2012-07-09	01:00:00"	4.2006	99.139	77.347	50.529	0.089	26.524	0
"2012-07-09	02:00:00"	7.8286	78.125	75.721	54.781	0.05872	26.547	0
"2012-07-09	03:00:00"	10.014	76.53	74.472	60.181	0.09073	26.539	0
"2012-07-09	04:00:00"	10.093	89.218	72.211	68.264	0.09094	26.542	0
"2012-07-09	05:00:00"	6.799	89.377	70.711	71.432	0.08246	26.533	0
"2012-07-09	06:00:00"	3.8395	55.124	69.542	73.672	0.10535	26.53	0
"2012-07-09	07:00:00"	5.0356	235.82	67.565	78.239	0.93271	0	0
"2012-07-09	08:00:00"	9.177	315.09	69.302	73.908	23.01	26.565	0
"2012-07-09	09:00:00"	9.2379	10.502	71.897	61.953	92.972	26.583	0
"2012-07-09	10:00:00"	11.92	40.362	73.429	57.511	164.76	26.595	0
"2012-07-09	11:00:00"	12.524	50.995	76.84	52.12	507.37	26.589	0
"2012-07-09	12:00:00"	11.738	60.507	79.955	46.192	527.59	26.586	0
"2012-07-09	13:00:00"	10.516	72.82	80.801	45.333	611.09	26.577	0
"2012-07-09	14:00:00"	6.671	82.81	83.54	36.393	877.13	26.559	0
"2012-07-09	15:00:00"	8.4283	78.41	85.032	34.588	910.25	26.547	0
"2012-07-09	16:00:00"	11.419	66.9	85.975	34.321	1034.4	26.524	0
"2012-07-09	17:00:00"	11.424	58.134	85.922	35.582	923.18	26.5	0
"2012-07-09	18:00:00"	9.7027	57.919	86.606	32.366	643.74	26.483	0
"2012-07-09	19:00:00"	8.9117	64.062	86.909	32.241	500.26	26.474	0
"2012-07-09	20:00:00"	9.0068	46.089	86.918	34.292	295.13	26.48	0
"2012-07-09	21:00:00"	8.4587	20.077	85.432	34.61	58.02	26.494	0
"2012-07-09	22:00:00"	7.9225	84.617	82.786	43.203	0.30652	26.512	0
"2012-07-09	23:00:00"	6.8003	75.641	81.034	45.278	0.08373	26.527	0
"2012-07-10	00:00:00"	5.537	76.543	79.454	46.986	0.08119	26.527	0
"2012-07-10	01:00:00"	6.0453	68.088	77.832	49.436	0.09428	26.527	0
"2012-07-10	02:00:00"	4.8057	52.804	76.369	51.342	0.09221	26.524	0
"2012-07-10	03:00:00"	13.666	342.85	73.331	65.146	0.07292	26.542	0
"2012-07-10	04:00:00"	14.232	331.65	70.958	73.616	0.092	26.542	0
"2012-07-10	05:00:00"	10.287	331.7	68.815	82.718	0.08628	26.542	0
"2012-07-10	06:00:00"	6.2864	324.73	68.879	82.484	0.08013	26.542	0
"2012-07-10	07:00:00"	7.4204	238.31	68.087	85.229	0.25522	0	0
"2012-07-10	08:00:00"	4.3241	293.64	67.97	87.523	40.132	26.55	0
"2012-07-10	09:00:00"	5.8999	314.93	69.86	81.531	173.32	26.556	0
"2012-07-10	10:00:00"	7.1799	17.653	72.794	73.855	320.94	26.562	0.01
"2012-07-10	11:00:00"	8.2487	34.071	74.578	68.79	517.09	26.553	0
"2012-07-10	12:00:00"	8.053	50.431	76.623	62.821	721.87	26.55	0
"2012-07-10	13:00:00"	9.5666	19.297	77.648	59.593	414.87	26.527	0
"2012-07-10	14:00:00"	10.81	7.1994	76.006	66.115	251.36	26.533	0.48
"2012-07-10	15:00:00"	8.0387	23.603	69.357	89.056	74.458	26.518	0.35
"2012-07-10	16:00:00"	8.2146	40.737	71.455	85.061	191.78	26.509	0.01
"2012-07-10	17:00:00"	10.378	59.865	74.443	73.401	472.45	26.497	0
"2012-07-10	18:00:00"	10.709	49.047	74.82	71.564	496.18	26.483	0
"2012-07-10	19:00:00"	10.481	43.519	74.571	70.952	320.09	26.503	0
"2012-07-10	20:00:00"	13.474	58.992	73.355	71.53	181.09	26.509	0
"2012-07-10	21:00:00"	11.584	61.157	71.19	76.773	31.52	26.524	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-10	22:00:00"	11.242	76.776	69.233	83.678	0.27176	26.524	0
"2012-07-10	23:00:00"	8.8912	89.652	68.437	83.301	0.10493	26.536	0
"2012-07-11	00:00:00"	6.3554	61.203	67.753	86.628	0.09306	26.556	0
"2012-07-11	01:00:00"	4.6517	26.832	67.397	88.096	0.08265	26.562	0
"2012-07-11	02:00:00"	4.349	27.818	67.296	88.95	0.05914	26.559	0
"2012-07-11	03:00:00"	4.2303	2.842	67.609	88.773	0.07886	26.55	0
"2012-07-11	04:00:00"	4.577	21.365	67.379	88.821	0.0725	26.55	0
"2012-07-11	05:00:00"	5.0598	4.455	66.984	88.981	0.07483	26.547	0
"2012-07-11	06:00:00"	4.2595	250.84	66.837	89.065	0.06529	26.545	0
"2012-07-11	07:00:00"	3.1783	234.58	66.099	90.303	1.0459	0	0
"2012-07-11	08:00:00"	5.0704	2.9478	66.333	90.504	58.907	26.556	0
"2012-07-11	09:00:00"	6.781	28.29	68.329	85.684	118.39	26.571	0
"2012-07-11	10:00:00"	8.2294	40.307	70.73	77.484	318.2	26.577	0
"2012-07-11	11:00:00"	8.9999	55.524	74.13	67.806	548.58	26.583	0
"2012-07-11	12:00:00"	9.3678	53.314	76.375	63.552	516.43	26.583	0
"2012-07-11	13:00:00"	9.3653	40.254	76.715	61.998	263.32	26.568	0
"2012-07-11	14:00:00"	10.236	58.778	79.327	53.421	666.78	26.553	0
"2012-07-11	15:00:00"	9.7325	68.877	81.598	47.026	775.69	26.533	0
"2012-07-11	16:00:00"	8.7669	78.788	82.209	44.042	735.52	26.515	0
"2012-07-11	17:00:00"	7.9393	73.753	83.304	41.997	610.62	26.494	0
"2012-07-11	18:00:00"	7.9393	77.048	84.252	39.561	576.94	26.483	0
"2012-07-11	19:00:00"	8.4519	65.705	84.385	38.946	396.14	26.474	0
"2012-07-11	20:00:00"	9.3137	76.513	84.199	38.796	234.09	26.48	0
"2012-07-11	21:00:00"	6.8531	69.538	82.446	41.564	56.366	26.488	0
"2012-07-11	22:00:00"	6.2013	85.314	79.232	51.229	0.45872	26.503	0
"2012-07-11	23:00:00"	5.2307	72.801	77.476	55.248	0.06677	26.524	0
"2012-07-12	00:00:00"	5.2667	82.536	76.093	57.834	0.08225	26.536	0
"2012-07-12	01:00:00"	3.3678	51.908	72.575	67.121	0.09412	26.53	0
"2012-07-12	02:00:00"	3.8593	37.32	70.758	71.616	0.09242	26.521	0
"2012-07-12	03:00:00"	3.1479	46.349	69.453	75.583	0.08119	26.515	0
"2012-07-12	04:00:00"	3.261	59.008	69.269	76.027	0.0672	26.512	0
"2012-07-12	05:00:00"	2.3159	48.348	68.216	78.223	0.07652	26.512	0
"2012-07-12	06:00:00"	1.0458	229.65	66.904	80.329	0.10557	0	0
"2012-07-12	07:00:00"	2.3581	319.11	66.069	83.117	1.1248	0	0
"2012-07-12	08:00:00"	1.9698	28.054	67.017	82.235	63.01	26.527	0
"2012-07-12	09:00:00"	2.9236	37.94	72.638	71.401	236.38	26.539	0
"2012-07-12	10:00:00"	2.9031	171.34	78.024	57.237	451.74	26.547	0
"2012-07-12	11:00:00"	3.1553	209.34	80.438	50.523	666.1	26.55	0
"2012-07-12	12:00:00"	4.124	184.41	81.999	44.586	728.87	26.547	0
"2012-07-12	13:00:00"	3.7009	228.99	83.429	39.754	492.3	26.542	0
"2012-07-12	14:00:00"	5.6812	84.709	84.956	33.639	757.01	26.533	0
"2012-07-12	15:00:00"	8.2238	63.617	87.182	26.233	947.56	26.524	0
"2012-07-12	16:00:00"	6.4809	75.817	88.053	22.219	925.06	26.5	0
"2012-07-12	17:00:00"	7.5459	71.248	89.502	20.057	883.14	26.488	0
"2012-07-12	18:00:00"	6.9115	73.77	89.683	20.08	718.73	26.474	0
"2012-07-12	19:00:00"	7.4129	99.132	89.408	22.64	415.2	26.459	0
"2012-07-12	20:00:00"	8.171	81.928	89.063	22.529	263.74	26.462	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-12"	21:00:00"	7.5385	123.06	86.861	26.436	67.755	26.465	0
"2012-07-12"	22:00:00"	4.0861	92.58	82.084	30.367	0.52825	26.477	0
"2012-07-12"	23:00:00"	2.4115	70.369	77.683	38.694	0.08776	26.5	0
"2012-07-13"	00:00:00"	2.7974	89.892	77.819	39.712	0.06741	26.512	0
"2012-07-13"	01:00:00"	2.6439	45.693	73.839	48.706	0.09073	26.521	0
"2012-07-13"	02:00:00"	0.87054	309.52	71.167	52.388	0.07907	26.521	0
"2012-07-13"	03:00:00"	1.5174	34.589	69.169	57.613	0.09518	26.515	0
"2012-07-13"	04:00:00"	1.0104	27.768	67.779	61.756	0.0867	26.512	0
"2012-07-13"	05:00:00"	1.4596	359.61	68.642	58.546	0.08946	26.509	0
"2012-07-13"	06:00:00"	1.7877	89.967	69.845	55.087	0.09327	26.515	0
"2012-07-13"	07:00:00"	3.1236	213.67	69.61	56.515	1.3342	0	0
"2012-07-13"	08:00:00"	1.3049	109.69	69.156	62.369	65.733	26.533	0
"2012-07-13"	09:00:00"	1.7827	158.13	75.482	55.109	240.94	26.55	0
"2012-07-13"	10:00:00"	3.0895	204.26	80.385	46.197	459.37	26.553	0
"2012-07-13"	11:00:00"	5.2413	225.11	84.042	37.895	674.27	26.556	0
"2012-07-13"	12:00:00"	4.6677	197.35	85.096	32.891	536.85	26.562	0
"2012-07-13"	13:00:00"	6.3616	170.48	86.457	29.914	706.1	26.55	0
"2012-07-13"	14:00:00"	6.3684	103.58	88.409	24.231	627.83	26.539	0
"2012-07-13"	15:00:00"	8.8601	95.921	90.447	20.311	989.51	26.524	0
"2012-07-13"	16:00:00"	7.001	103.53	91.189	17.143	976.35	26.506	0
"2012-07-13"	17:00:00"	8.9558	95.914	91.575	18.496	772.47	26.483	0
"2012-07-13"	18:00:00"	6.7673	78.263	91.981	17.53	679.96	26.468	0
"2012-07-13"	19:00:00"	7.2359	92.126	91.692	19.618	448.11	26.456	0
"2012-07-13"	20:00:00"	7.938	85.863	90.977	21.451	254.14	26.465	0
"2012-07-13"	21:00:00"	6.2789	84.982	89.066	22.919	62.463	26.477	0
"2012-07-13"	22:00:00"	4.6423	92.494	84.134	29.288	0.52486	26.488	0
"2012-07-13"	23:00:00"	4.2632	100.99	80.22	34.689	0.07186	26.503	0
"2012-07-14"	00:00:00"	3.9693	100.92	79.584	34.876	0.09369	26.512	0
"2012-07-14"	01:00:00"	4.2805	97.241	77.298	37.822	0.09196	26.512	0
"2012-07-14"	02:00:00"	4.1725	98.798	75.462	39.671	0.10069	26.515	0
"2012-07-14"	03:00:00"	4.8392	115.27	74.548	42.654	0.10154	26.506	0
"2012-07-14"	04:00:00"	3.909	140.54	74.495	48.188	0.12443	26.497	0
"2012-07-14"	05:00:00"	2.5277	159.43	72.992	54.887	0.09179	26.491	0
"2012-07-14"	06:00:00"	2.1506	156.32	71.857	59.69	0.10917	26.497	0
"2012-07-14"	07:00:00"	3.1584	216.39	71.678	60.589	0.84219	0	0
"2012-07-14"	08:00:00"	3.1006	142.16	71.316	62.267	58.706	26.536	0
"2012-07-14"	09:00:00"	5.1829	137.84	74.847	55.9	242.87	26.556	0
"2012-07-14"	10:00:00"	10.281	173.88	79.42	47.366	459.74	26.571	0
"2012-07-14"	11:00:00"	8.8781	179.72	81.719	44.689	660.84	26.571	0
"2012-07-14"	12:00:00"	6.0447	180.17	84.859	37.746	852.1	26.568	0
"2012-07-14"	13:00:00"	6.5729	135.93	87.625	30.085	951.33	26.556	0
"2012-07-14"	14:00:00"	8.1132	174.47	88.3	28.981	659.71	26.539	0
"2012-07-14"	15:00:00"	7.5291	141.68	89.62	26.553	645.2	26.521	0
"2012-07-14"	16:00:00"	8.0033	123.13	91.484	21.53	625.63	26.503	0
"2012-07-14"	17:00:00"	7.6466	88.912	92.242	19.36	775.21	26.485	0
"2012-07-14"	18:00:00"	8.532	91.459	92.847	18.646	580.04	26.474	0
"2012-07-14"	19:00:00"	8.5668	109.19	92.465	20.186	420.1	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-14	20:00:00"	7.6366	100.63	91.304	20.158	137.82	26.468	0
"2012-07-14	21:00:00"	8.8875	104.3	90.062	22.016	67.791	26.477	0
"2012-07-14	22:00:00"	4.8455	97.324	84.423	27.721	0.50727	26.494	0
"2012-07-14	23:00:00"	4.9032	93.526	79.809	33.042	0.06826	26.515	0
"2012-07-15	00:00:00"	5.9565	104.22	78.572	31.269	0.07907	26.515	0
"2012-07-15	01:00:00"	11.13	118.04	79.645	30.249	0.09264	26.521	0
"2012-07-15	02:00:00"	11.736	133.4	79.294	37.438	0.09899	26.518	0
"2012-07-15	03:00:00"	8.0828	129.08	77.421	42.831	0.06614	26.512	0
"2012-07-15	04:00:00"	5.6594	125.8	74.878	46.624	0.08734	26.509	0
"2012-07-15	05:00:00"	3.4101	152.08	73.053	51.418	0.09666	26.512	0
"2012-07-15	06:00:00"	3.0323	183.41	71.298	56.515	0.08691	0	0
"2012-07-15	07:00:00"	3.0646	189.55	70.359	61.046	0.98549	0	0
"2012-07-15	08:00:00"	3.302	193.09	70.217	64.273	68.754	26.536	0
"2012-07-15	09:00:00"	6.3759	199.81	73.041	61.984	244.16	26.553	0
"2012-07-15	10:00:00"	8.7253	183.89	77.449	52.979	464.47	26.559	0
"2012-07-15	11:00:00"	8.3096	189.03	81.149	43.729	676.29	26.556	0
"2012-07-15	12:00:00"	6.5238	177.75	83.965	36.668	856.23	26.55	0
"2012-07-15	13:00:00"	6.8133	165.55	86.413	27.81	993.66	26.539	0
"2012-07-15	14:00:00"	8.0057	146.12	88.003	26.551	956.91	26.515	0
"2012-07-15	15:00:00"	8.7756	178.8	89.862	23.239	1019.2	26.488	0
"2012-07-15	16:00:00"	11.358	176.76	90.527	21.188	824.78	26.471	0
"2012-07-15	17:00:00"	8.8589	168.96	90.477	21.369	628.97	26.456	0
"2012-07-15	18:00:00"	6.8388	180.51	91.291	20.69	604.08	26.438	0
"2012-07-15	19:00:00"	6.9438	179.24	90.716	20.782	466.2	26.426	0
"2012-07-15	20:00:00"	5.181	157.57	90.944	20.44	346.25	26.42	0
"2012-07-15	21:00:00"	5.5432	141.33	89.874	21.183	94.529	26.426	0
"2012-07-15	22:00:00"	4.139	98.174	86.22	23.035	0.56747	26.432	0
"2012-07-15	23:00:00"	4.9871	99.243	83.168	26.29	0.1026	26.453	0
"2012-07-16	00:00:00"	10.757	114.84	80.767	34.796	0.07695	26.462	0
"2012-07-16	01:00:00"	10.059	136.6	77.928	45.585	0.07737	26.465	0
"2012-07-16	02:00:00"	7.5329	166.67	76.037	47.199	0.09115	26.465	0
"2012-07-16	03:00:00"	6.7406	174.18	73.798	53.405	0.08352	26.45	0
"2012-07-16	04:00:00"	7.5341	192.5	72.14	57.916	0.08712	26.444	0
"2012-07-16	05:00:00"	5.391	172.97	69.908	62.573	0.08479	26.432	0
"2012-07-16	06:00:00"	6.2224	163.06	68.887	65.717	0.10281	26.426	0
"2012-07-16	07:00:00"	6.2876	197.91	67.708	70.637	0.80255	0	0
"2012-07-16	08:00:00"	5.6048	204.65	67.609	73.684	62.175	26.453	0
"2012-07-16	09:00:00"	8.4115	182.07	69.811	70.763	221.35	26.453	0
"2012-07-16	10:00:00"	7.2719	191	73.63	63.092	335.75	26.474	0
"2012-07-16	11:00:00"	7.6708	169.18	77.41	54.446	403	26.483	0
"2012-07-16	12:00:00"	5.5314	178.32	80.631	47.276	466.07	26.483	0
"2012-07-16	13:00:00"	5.5712	196.15	84.584	36.924	702.6	26.468	0
"2012-07-16	14:00:00"	8.204	180.78	88.076	28.809	1032.8	26.444	0
"2012-07-16	15:00:00"	8.9832	178.04	90.015	23.665	892.81	26.418	0
"2012-07-16	16:00:00"	8.4829	195.45	91.069	21.989	957.43	26.4	0
"2012-07-16	17:00:00"	9.2851	202.19	92.598	19.378	1028	26.379	0
"2012-07-16	18:00:00"	13.153	154.61	91.817	22.39	799.1	26.361	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-16	19:00:00"	20.602	120.38	85.484	31.289	496.34	26.373	0
"2012-07-16	20:00:00"	20.166	127.4	79.709	39.551	261.78	26.373	0
"2012-07-16	21:00:00"	15.111	132.76	78.307	39.587	49.659	26.376	0
"2012-07-16	22:00:00"	12.011	139.88	76.676	41.361	0.33768	26.388	0
"2012-07-16	23:00:00"	10.488	134.04	77.048	39.886	0.09327	26.409	0
"2012-07-17	00:00:00"	9.0602	137.04	77.068	41.575	0.07271	26.426	0
"2012-07-17	01:00:00"	10.269	141.02	77.724	40.472	0.10281	26.426	0
"2012-07-17	02:00:00"	8.8496	125.98	75.992	45.512	0.09115	26.45	0
"2012-07-17	03:00:00"	7.8423	212.43	74.181	53.889	0.08946	26.456	0
"2012-07-17	04:00:00"	8.4842	223.44	71.958	61.664	0.09115	26.447	0
"2012-07-17	05:00:00"	11.469	211.43	70.514	65.063	0.09009	26.409	0
"2012-07-17	06:00:00"	12.124	196.66	68.734	66.133	0.08797	0	0
"2012-07-17	07:00:00"	7.2085	190.03	68.014	69.007	0.82396	0	0
"2012-07-17	08:00:00"	4.9703	206.57	67.618	70.93	46.724	26.423	0
"2012-07-17	09:00:00"	8.4979	194.97	70.841	65.985	231.98	26.432	0
"2012-07-17	10:00:00"	13.148	180.25	74.853	59.302	407.59	26.447	0
"2012-07-17	11:00:00"	12.632	188.6	78.217	52.006	657.61	26.447	0
"2012-07-17	12:00:00"	13.174	191.7	81.039	47.106	831.86	26.447	0
"2012-07-17	13:00:00"	12.108	193.97	83.934	40.161	964.73	26.444	0
"2012-07-17	14:00:00"	10.142	189.94	86.776	33.829	1043.1	26.432	0
"2012-07-17	15:00:00"	10.804	194.72	88.947	29.327	1029.1	26.409	0
"2012-07-17	16:00:00"	9.4964	172.54	90.355	26.441	870.21	26.388	0
"2012-07-17	17:00:00"	8.7079	159	91.002	25.162	823.76	26.373	0
"2012-07-17	18:00:00"	8.4767	166.42	91.567	24.742	669.18	26.367	0
"2012-07-17	19:00:00"	8.7278	158.69	91.037	24.658	289.32	26.358	0
"2012-07-17	20:00:00"	10.882	155.29	90.019	26.71	184.73	26.367	0
"2012-07-17	21:00:00"	10.203	150.82	88.951	28.294	65.624	26.373	0
"2012-07-17	22:00:00"	8.2095	142.27	85.818	31.356	0.37308	26.391	0
"2012-07-17	23:00:00"	7.9088	149.25	83.207	33.694	0.08755	26.415	0
"2012-07-18	00:00:00"	8.8036	158.69	80.448	38.613	0.08903	26.432	0
"2012-07-18	01:00:00"	10.156	165.47	79.819	43.818	0.10175	26.441	0
"2012-07-18	02:00:00"	11.086	167.13	78.631	46.995	0.08098	26.444	0
"2012-07-18	03:00:00"	11.928	169.83	77.372	49.707	0.08076	26.438	0
"2012-07-18	04:00:00"	10.758	166.8	76.136	51.25	0.0867	26.438	0
"2012-07-18	05:00:00"	10.135	162.86	75.071	52.896	0.07377	26.45	0
"2012-07-18	06:00:00"	8.5215	166.02	73.895	54.377	0.08776	26.459	0
"2012-07-18	07:00:00"	6.1795	214.79	72.364	56.184	0.64993	0	0
"2012-07-18	08:00:00"	6.6375	170.08	71.041	60.487	58.326	26.488	0
"2012-07-18	09:00:00"	10.254	181.94	72.492	64.917	227.63	26.503	0
"2012-07-18	10:00:00"	12.681	162.04	75.636	60.855	433.82	26.512	0
"2012-07-18	11:00:00"	11.336	161.9	78.568	53.949	658.57	26.518	0
"2012-07-18	12:00:00"	11.1	156.95	81.418	46.696	841.12	26.521	0
"2012-07-18	13:00:00"	12.354	164.72	84.192	40.208	969.28	26.515	0
"2012-07-18	14:00:00"	12.946	150.14	86.774	33.838	995.41	26.503	0
"2012-07-18	15:00:00"	13.914	162.54	88.853	29.086	1074.3	26.488	0
"2012-07-18	16:00:00"	12.397	160.36	90.401	24.682	994.36	26.465	0
"2012-07-18	17:00:00"	12.019	156.15	91.299	24.214	917.67	26.444	0

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"2012-07-18	18:00:00"	12.842	157.03	91.619	22.444	727.25	26.432	0
"2012-07-18	19:00:00"	12.193	145.57	91.651	20.33	497.88	26.429	0
"2012-07-18	20:00:00"	12.473	150.79	90.443	20.914	272.65	26.432	0
"2012-07-18	21:00:00"	11.284	148.55	88.76	24.531	72.4	26.453	0
"2012-07-18	22:00:00"	9.8183	153.42	85.354	30.195	0.27939	26.488	0
"2012-07-18	23:00:00"	8.5936	147.23	82.341	33.137	0.08628	26.515	0
"2012-07-19	00:00:00"	12.322	171.91	79.643	45.118	0.08352	26.53	0
"2012-07-19	01:00:00"	9.1504	178.54	77.451	49.532	0.07674	26.545	0
"2012-07-19	02:00:00"	6.6524	184.84	75.491	53.44	0.09581	26.556	0
"2012-07-19	03:00:00"	5.5053	183.58	74.053	58.073	0.07907	26.559	0
"2012-07-19	04:00:00"	6.6244	187.1	72.661	63.472	0.09687	26.556	0
"2012-07-19	05:00:00"	5.3742	166.39	70.485	69.874	0.09264	26.559	0
"2012-07-19	06:00:00"	6.3958	199.53	68.529	71.614	0.08649	26.559	0
"2012-07-19	07:00:00"	3.2001	223.45	67.334	72.493	0.79471	0	0
"2012-07-19	08:00:00"	2.5159	135.3	66.829	72.339	57.832	26.583	0
"2012-07-19	09:00:00"	5.1816	166.3	69.838	65.173	227.73	26.601	0
"2012-07-19	10:00:00"	8.8496	157.94	73.457	56.513	445.68	26.612	0
"2012-07-19	11:00:00"	11.232	167.91	76.58	50.162	656.03	26.618	0
"2012-07-19	12:00:00"	11.052	162.57	80.039	43.184	836.12	26.621	0
"2012-07-19	13:00:00"	10.977	155.62	82.177	38.523	973.74	26.609	0
"2012-07-19	14:00:00"	14.362	160.31	84.356	34.318	1062.3	26.601	0
"2012-07-19	15:00:00"	13.54	155.52	85.874	32.44	1042.1	26.589	0
"2012-07-19	16:00:00"	13.315	155.24	87.168	32.047	972.38	26.568	0
"2012-07-19	17:00:00"	12.822	151.72	87.892	31.568	759.72	26.545	0
"2012-07-19	18:00:00"	12.695	166.16	88.787	30.418	724.23	26.53	0
"2012-07-19	19:00:00"	13.123	153.19	89.18	28.493	507.68	26.518	0
"2012-07-19	20:00:00"	13.074	152.74	88.487	28.806	271.78	26.524	0
"2012-07-19	21:00:00"	12.017	151.42	86.698	31.51	69.741	26.536	0
"2012-07-19	22:00:00"	8.2655	151.73	83.602	35.112	0.39174	26.553	0
"2012-07-19	23:00:00"	7.6105	156.22	80.853	39.512	0.08797	26.586	0
"2012-07-20	00:00:00"	6.3293	161.19	79.008	43.769	0.08267	26.595	0
"2012-07-20	01:00:00"	8.0244	163.94	77.325	48.803	0.07801	26.604	0
"2012-07-20	02:00:00"	10.954	164.38	75.946	54.076	0.09242	26.607	0
"2012-07-20	03:00:00"	8.0971	163.02	74.261	57.951	0.09433	26.604	0
"2012-07-20	04:00:00"	6.502	153.53	73.088	62.124	0.07992	26.601	0
"2012-07-20	05:00:00"	5.4631	168.05	72.332	63.237	0.08691	0	0
"2012-07-20	06:00:00"	4.646	161.89	71.548	65.051	0.08076	26.604	0
"2012-07-20	07:00:00"	3.5449	212.8	70.745	66.777	0.81866	0	0
"2012-07-20	08:00:00"	4.5938	154.39	70.535	69.928	60.131	26.609	0
"2012-07-20	09:00:00"	8.9509	189.35	72.511	70.324	230.55	26.615	0
"2012-07-20	10:00:00"	12.079	186.67	76.405	62.957	444.95	26.618	0
"2012-07-20	11:00:00"	9.6834	190.96	79.55	54.466	654.19	26.63	0
"2012-07-20	12:00:00"	6.6853	188.41	82.011	47.388	836	26.624	0
"2012-07-20	13:00:00"	7.449	179.44	84.388	41.392	973.33	26.612	0
"2012-07-20	14:00:00"	8.4668	174.63	86.866	37.024	965.68	26.601	0
"2012-07-20	15:00:00"	9.1783	165.41	88.621	32.745	850.71	26.58	0
"2012-07-20	16:00:00"	9.3131	157.48	90.496	28.785	988.25	26.565	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-20	17:00:00"	8.4165	156.91	91.101	26.963	789.64	26.55	0
"2012-07-20	18:00:00"	9.8928	165.48	91.608	26.004	632.37	26.539	0
"2012-07-20	19:00:00"	9.6288	161.59	91.936	25.464	500.83	26.53	0
"2012-07-20	20:00:00"	9.1596	157.01	91.214	26.799	232.1	26.524	0
"2012-07-20	21:00:00"	8.0977	154.69	89.885	27.616	63.852	26.53	0
"2012-07-20	22:00:00"	4.9374	153.05	87.165	30.134	0.23254	26.542	0
"2012-07-20	23:00:00"	5.4705	160.44	84.96	32.515	0.07144	26.565	0
"2012-07-21	00:00:00"	3.077	173.61	82.043	36.022	0.10663	26.571	0
"2012-07-21	01:00:00"	2.6483	176.28	80.67	37.051	0.09348	26.571	0
"2012-07-21	02:00:00"	2.8353	201.3	79.592	38.037	0.09836	26.565	0
"2012-07-21	03:00:00"	4.6901	193.74	79.252	38.704	0.10323	26.562	0
"2012-07-21	04:00:00"	3.361	187.68	77.155	41.954	0.10981	26.562	0
"2012-07-21	05:00:00"	3.8382	200.43	75.253	44.51	0.10175	0	0
"2012-07-21	06:00:00"	3.7723	208.24	75.572	43.403	0.08585	26.568	0
"2012-07-21	07:00:00"	3.338	226.06	74.249	45.488	0.69974	0	0
"2012-07-21	08:00:00"	2.6564	214.04	74.325	47.267	58.753	26.577	0
"2012-07-21	09:00:00"	3.1752	226.5	77.071	46.614	231.62	26.595	0
"2012-07-21	10:00:00"	4.8976	224.9	80.678	43.644	449	26.598	0
"2012-07-21	11:00:00"	4.5335	199.46	84.989	34.392	658.57	26.598	0
"2012-07-21	12:00:00"	3.7605	165.42	88.34	28.446	842.49	26.595	0
"2012-07-21	13:00:00"	4.4192	126.85	90.185	26.46	877.4	26.577	0
"2012-07-21	14:00:00"	5.7284	107.19	91.257	25.643	589.03	26.562	0
"2012-07-21	15:00:00"	8.4687	218.67	85.433	37.162	261.58	26.542	0.1
"2012-07-21	16:00:00"	9.0148	25.821	85.538	35.989	240.06	26.533	0.01
"2012-07-21	17:00:00"	8.6694	105.58	84.92	35.698	281.9	26.515	0
"2012-07-21	18:00:00"	7.1371	104.76	89.919	26.605	652.78	26.497	0
"2012-07-21	19:00:00"	5.2754	156.09	91.108	25.649	342.47	26.488	0
"2012-07-21	20:00:00"	7.49	107.54	91.88	23.993	266.68	26.48	0
"2012-07-21	21:00:00"	8.1723	97.45	87.573	31.484	43.669	26.488	0
"2012-07-21	22:00:00"	3.9979	96.861	83.115	38.48	0.2105	26.488	0
"2012-07-21	23:00:00"	4.3658	97.39	80.769	42.03	0.08903	26.494	0
"2012-07-22	00:00:00"	3.0311	54.519	77.86	46.716	0.07313	26.491	0
"2012-07-22	01:00:00"	1.2179	42.199	74.849	51.443	0.0831	26.5	0
"2012-07-22	02:00:00"	3.855	45.766	75.17	47.253	0.10175	26.506	0
"2012-07-22	03:00:00"	2.5203	40.63	72.497	51.254	0.08522	26.506	0
"2012-07-22	04:00:00"	1.0389	97.028	72.34	52.049	0.07695	26.512	0
"2012-07-22	05:00:00"	0.91777	140.2	71.911	52.882	0.09942	26.503	0
"2012-07-22	06:00:00"	0.7239	207.68	69.534	55.469	0.08437	26.503	0
"2012-07-22	07:00:00"	1.2757	213.79	68.648	56.388	0.53143	0	0
"2012-07-22	08:00:00"	2.4482	114.69	69.945	55.873	75.245	26.53	0
"2012-07-22	09:00:00"	2.8546	106.06	77.504	43.218	168.32	26.547	0
"2012-07-22	10:00:00"	3.1907	150.04	81.811	34.934	295.34	26.55	0
"2012-07-22	11:00:00"	4.0663	180.04	85.253	30.9	604.58	26.55	0
"2012-07-22	12:00:00"	4.0513	183.15	90.422	23.096	885.15	26.55	0
"2012-07-22	13:00:00"	3.6822	183.33	93.106	19.435	978.83	26.545	0
"2012-07-22	14:00:00"	7.7839	188.37	94.774	19.021	1095.6	26.521	0
"2012-07-22	15:00:00"	9.3355	166.27	95.499	17.734	1110.9	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-22	16:00:00"	12.426	119.87	95.394	18.318	752.47	26.494	0
"2012-07-22	17:00:00"	6.8891	117.44	95.218	17.583	692.78	26.48	0
"2012-07-22	18:00:00"	6.9767	153.27	95.823	17.198	709.13	26.471	0
"2012-07-22	19:00:00"	12.873	170.24	94.804	19.772	480.56	26.465	0
"2012-07-22	20:00:00"	10.717	178.74	93.636	21.057	261.09	26.468	0
"2012-07-22	21:00:00"	9.6834	157.11	91.908	22.318	44.245	26.483	0
"2012-07-22	22:00:00"	8.3978	133.34	88.575	26.224	0.15835	26.494	0
"2012-07-22	23:00:00"	8.0443	139	85.721	29.274	0.09709	26.506	0
"2012-07-23	00:00:00"	6.5635	138.41	83.143	30.853	0.09836	26.509	0
"2012-07-23	01:00:00"	6.8289	160.09	81.278	34.387	0.0903	26.512	0
"2012-07-23	02:00:00"	7.7069	163.55	79.865	35.031	0.08734	26.524	0
"2012-07-23	03:00:00"	10.231	176.73	79.901	36.697	0.08585	26.503	0
"2012-07-23	04:00:00"	9.0521	181.6	80.705	37.479	0.09963	26.509	0
"2012-07-23	05:00:00"	7.9299	197.03	79.738	40.63	0.09687	26.518	0
"2012-07-23	06:00:00"	4.3117	189.02	79.3	41.76	0.08691	26.539	0
"2012-07-23	07:00:00"	4.4012	217.76	78.883	42.377	0.14033	0	0
"2012-07-23	08:00:00"	5.1468	216.91	78.286	44.247	23.837	26.545	0
"2012-07-23	09:00:00"	8.34	201.11	77.523	47.185	135.81	26.55	0
"2012-07-23	10:00:00"	5.9316	185.28	79.479	44.631	373.96	26.556	0
"2012-07-23	11:00:00"	5.3537	155.88	82.573	39.494	268.56	26.553	0
"2012-07-23	12:00:00"	6.3075	132.12	82.867	38.396	339.44	26.553	0
"2012-07-23	13:00:00"	6.6636	144.57	86.049	33.555	778.29	26.545	0
"2012-07-23	14:00:00"	7.2228	155.95	90.661	25.194	944.03	26.527	0
"2012-07-23	15:00:00"	10.66	213.58	90.45	28.943	825.91	26.503	0
"2012-07-23	16:00:00"	11.899	184.22	91.777	23.904	656.95	26.497	0
"2012-07-23	17:00:00"	12.244	179.02	93.922	20.303	1011.9	26.474	0
"2012-07-23	18:00:00"	13.326	173.44	94.251	20.03	801.88	26.474	0
"2012-07-23	19:00:00"	11.799	183.09	92.939	21.352	325.29	26.474	0
"2012-07-23	20:00:00"	10.097	151.08	91.049	22.349	85.073	26.474	0
"2012-07-23	21:00:00"	13.287	150.98	88.525	28.378	50.938	26.488	0
"2012-07-23	22:00:00"	15.865	153.31	83.077	36.095	0.18972	26.506	0
"2012-07-23	23:00:00"	12.173	154.89	81.388	39.22	0.09454	26.521	0
"2012-07-24	00:00:00"	10.725	154.73	80.42	39.756	0.09433	26.53	0
"2012-07-24	01:00:00"	8.4093	159.95	78.113	43.755	0.08731	26.521	0
"2012-07-24	02:00:00"	7.9473	177.36	76.92	46.597	0.08373	26.515	0
"2012-07-24	03:00:00"	6.6642	181.67	75.522	48.899	0.07737	26.512	0
"2012-07-24	04:00:00"	4.5932	217.38	73.536	51.66	0.08903	0	0
"2012-07-24	05:00:00"	4.2899	206.76	71.838	55.544	0.11404	0	0
"2012-07-24	06:00:00"	5.7936	203.06	71.739	57.187	0.08246	0	0
"2012-07-24	07:00:00"	7.9734	190.9	71.881	63.3	0.36969	0	0
"2012-07-24	08:00:00"	8.0188	196.37	71.269	69.953	50.183	26.521	0
"2012-07-24	09:00:00"	12.424	193.63	73.133	68.328	219.07	26.527	0
"2012-07-24	10:00:00"	13.691	191.09	76.329	61.047	435.06	26.521	0
"2012-07-24	11:00:00"	11.566	189.58	79.754	53.627	645.4	26.524	0
"2012-07-24	12:00:00"	9.5536	184.23	83.552	45.302	824.29	26.512	0
"2012-07-24	13:00:00"	8.9123	182.99	87.168	37.321	956.1	26.5	0
"2012-07-24	14:00:00"	9.2305	169.73	89.749	30.559	1025.9	26.474	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-24	15:00:00"	9.1292	176.51	91.962	24.468	1080.1	26.447	0
"2012-07-24	16:00:00"	7.7559	176.35	93.958	22.224	921.51	26.42	0
"2012-07-24	17:00:00"	10.512	165.39	93.854	22.304	579.94	26.403	0
"2012-07-24	18:00:00"	7.8622	226.95	91	26.62	154.58	26.406	0
"2012-07-24	19:00:00"	9.1379	231.35	90.533	27.396	391.85	26.409	0
"2012-07-24	20:00:00"	8.8104	193.01	90.735	26.656	251.38	26.4	0
"2012-07-24	21:00:00"	5.7408	185.99	89.318	27.586	49.737	26.397	0
"2012-07-24	22:00:00"	9.5877	175.44	86.134	33.659	0.14245	26.415	0
"2012-07-24	23:00:00"	12.216	173.83	84.208	37.18	0.08564	26.429	0
"2012-07-25	00:00:00"	9.0559	183.24	82.78	38.503	0.06487	26.438	0
"2012-07-25	01:00:00"	8.939	184.89	81.73	40.016	0.07356	26.441	0
"2012-07-25	02:00:00"	10.479	188.49	81.536	39.725	0.07292	26.438	0
"2012-07-25	03:00:00"	10.758	193.83	81.172	41.702	0.10684	26.426	0
"2012-07-25	04:00:00"	7.4993	196.08	78.924	44.686	0.07356	0	0
"2012-07-25	05:00:00"	9.3808	184.84	76.722	48.679	0.09942	26.4	0
"2012-07-25	06:00:00"	9.5169	209.35	75.623	50.279	0.08352	26.409	0
"2012-07-25	07:00:00"	7.6689	217.06	73.993	52.418	0.42184	0	0
"2012-07-25	08:00:00"	4.6628	193	72.372	56.008	48.915	26.429	0
"2012-07-25	09:00:00"	9.0702	201.97	75.295	51.717	220.34	26.435	0
"2012-07-25	10:00:00"	11.326	197.5	79.969	43.843	427.17	26.438	0
"2012-07-25	11:00:00"	9.5368	216.41	82.837	39.639	655.61	26.432	0
"2012-07-25	12:00:00"	6.8139	226.87	87.45	32.229	882.88	26.423	0
"2012-07-25	13:00:00"	6.942	214.3	90.327	28.176	872.52	26.403	0
"2012-07-25	14:00:00"	8.9105	193.73	92.311	25.321	978.93	26.382	0
"2012-07-25	15:00:00"	9.9202	187.35	94.674	21.434	1085.3	26.364	0
"2012-07-25	16:00:00"	9.9991	213.16	96.85	18.76	908.06	26.338	0
"2012-07-25	17:00:00"	10.778	198.59	97.096	18.004	845.51	26.317	0
"2012-07-25	18:00:00"	12.452	203.54	97.213	18.434	650.52	26.296	0
"2012-07-25	19:00:00"	9.8152	214.36	96.867	18.156	434.41	26.288	0
"2012-07-25	20:00:00"	10.929	194.55	95.573	18.924	200.32	26.291	0
"2012-07-25	21:00:00"	10.771	191.22	93.279	21.531	22.351	26.302	0
"2012-07-25	22:00:00"	17.425	178.78	85.294	35.716	0.11574	26.332	0
"2012-07-25	23:00:00"	14.058	207.44	82.663	40.536	0.08522	26.367	0
"2012-07-26	00:00:00"	10.939	228.12	78.071	50.706	0.07101	26.335	0
"2012-07-26	01:00:00"	9.6269	206.43	78.493	45.732	0.08437	26.326	0
"2012-07-26	02:00:00"	6.832	251.41	78.153	47.319	0.07843	26.332	0
"2012-07-26	03:00:00"	5.8869	206.07	78.483	46.68	0.06275	26.361	0
"2012-07-26	04:00:00"	7.5503	218.19	79.293	45.022	0.08585	0	0
"2012-07-26	05:00:00"	8.2083	199.12	78.322	48.785	0.08204	26.35	0
"2012-07-26	06:00:00"	7.9007	220.54	76.625	53.217	0.10281	0	0
"2012-07-26	07:00:00"	5.1785	169.57	75.315	58.283	0.07546	26.382	0
"2012-07-26	08:00:00"	4.7821	213.71	73.337	66.71	2.4942	0	0.06
"2012-07-26	09:00:00"	7.8976	165.13	70.43	78.259	61.945	26.415	0
"2012-07-26	10:00:00"	6.512	179.1	71.695	75.469	168.01	26.423	0
"2012-07-26	11:00:00"	8.4724	159.26	74.136	70.227	199.27	26.429	0
"2012-07-26	12:00:00"	4.6466	181.14	76.852	62.356	588.94	26.432	0.01
"2012-07-26	13:00:00"	5.0213	221.34	81.296	50.727	716.45	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-26"	14:00:00"	7.8703	177.79	82.515	49.309	701.6	26.432	0
"2012-07-26"	15:00:00"	9.1242	180.25	84.753	42.413	747.51	26.42	0
"2012-07-26"	16:00:00"	8.3649	174.3	86.298	38.046	413.2	26.397	0
"2012-07-26"	17:00:00"	7.0724	146.07	88.92	31.28	826	26.376	0
"2012-07-26"	18:00:00"	6.6493	146.06	90.173	28.159	668.26	26.367	0
"2012-07-26"	19:00:00"	8.6029	136	91.007	29.471	525.97	26.361	0
"2012-07-26"	20:00:00"	16.95	118.07	86.18	40.118	175.12	26.397	0
"2012-07-26"	21:00:00"	13.153	125.52	80.825	50.116	29.745	26.409	0
"2012-07-26"	22:00:00"	7.8802	113.62	79.504	52.169	0.10302	26.429	0
"2012-07-26"	23:00:00"	7.0917	86.53	77.064	58.079	0.10027	26.453	0
"2012-07-27"	00:00:00"	9.3678	114.75	75.795	63.124	0.10387	26.483	0
"2012-07-27"	01:00:00"	7.188	133.14	73.622	68.643	0.0884	26.477	0
"2012-07-27"	02:00:00"	5.0809	99.047	71.903	72.32	0.09348	26.471	0
"2012-07-27"	03:00:00"	4.7597	96.849	69.96	76.757	0.09942	26.474	0
"2012-07-27"	04:00:00"	4.3254	212.47	69.614	77.916	0.07652	0	0
"2012-07-27"	05:00:00"	6.054	166.34	70.634	75.596	0.11023	26.483	0
"2012-07-27"	06:00:00"	7.8728	217.61	70.664	75.433	0.09369	0	0
"2012-07-27"	07:00:00"	7.6907	213.25	70.197	76.705	0.10323	26.506	0
"2012-07-27"	08:00:00"	5.5818	235.49	69.431	77.63	6.2267	0	0
"2012-07-27"	09:00:00"	6.3721	189.17	67.869	86.091	32.308	0	0.28
"2012-07-27"	10:00:00"	1.6361	294.84	69.21	83.022	318.09	26.559	0.01
"2012-07-27"	11:00:00"	1.5578	290.01	73.845	67.33	429.64	26.571	0
"2012-07-27"	12:00:00"	6.2578	140.11	76.479	65.51	549.93	26.583	0
"2012-07-27"	13:00:00"	6.8338	123.01	78.118	62.863	633.57	26.574	0
"2012-07-27"	14:00:00"	6.5287	126.77	79.731	57.83	768.89	26.553	0
"2012-07-27"	15:00:00"	6.4088	102.19	82.377	50.899	881.5	26.536	0
"2012-07-27"	16:00:00"	8.048	111.12	83.683	46.76	605.16	26.568	0
"2012-07-27"	17:00:00"	10.516	216.46	70.702	80.957	154.01	26.547	0.05
"2012-07-27"	18:00:00"	5.7203	191.95	75.938	66.785	556.13	26.521	0
"2012-07-27"	19:00:00"	8.5407	174.86	79.349	55.306	475.11	26.515	0
"2012-07-27"	20:00:00"	10.085	161.51	80.118	55.409	243	26.527	0
"2012-07-27"	21:00:00"	6.1447	181.8	77.844	65.1	52.107	26.53	0
"2012-07-27"	22:00:00"	3.4113	205.21	76.043	70.258	0.15538	26.545	0
"2012-07-27"	23:00:00"	2.3308	173.15	74.523	76.498	0.10175	26.571	0
"2012-07-28"	00:00:00"	3.3722	159.32	74.211	75.654	0.09475	26.583	0
"2012-07-28"	01:00:00"	3.6727	161.1	73.18	78.024	0.10823	26.586	0
"2012-07-28"	02:00:00"	6.9836	156.3	72.151	81.538	0.08522	26.595	0
"2012-07-28"	03:00:00"	5.5656	195.35	71.806	82.911	0.08882	26.592	0
"2012-07-28"	04:00:00"	4.8877	211.95	71.376	82.135	0.08119	0	0
"2012-07-28"	05:00:00"	1.3757	128.47	69.702	86.768	0.0797	26.586	0
"2012-07-28"	06:00:00"	1.8101	214.85	69.317	85.982	0.08712	0	0
"2012-07-28"	07:00:00"	4.6447	100.57	69.948	83.009	0.30885	26.604	0
"2012-07-28"	08:00:00"	5.8744	181.54	69.752	83.22	40.225	26.609	0
"2012-07-28"	09:00:00"	8.6694	174.28	71.607	78.828	198.51	26.627	0
"2012-07-28"	10:00:00"	11.216	166.4	74.132	72.756	415.77	26.636	0
"2012-07-28"	11:00:00"	11.211	173.37	76.586	65.51	630.12	26.636	0
"2012-07-28"	12:00:00"	10.955	177.55	79.335	57.436	807.76	26.639	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-28"	13:00:00"	9.6418	179.19	81.731	51.086	860.81	26.63	0
"2012-07-28"	14:00:00"	11.994	180.71	83.924	45.009	934.23	26.615	0
"2012-07-28"	15:00:00"	12.874	165.67	86.343	38.08	1034.8	26.592	0
"2012-07-28"	16:00:00"	11.784	160.39	88.13	33.911	960.38	26.589	0
"2012-07-28"	17:00:00"	11.434	167.89	89.496	30.602	847.32	26.568	0
"2012-07-28"	18:00:00"	10.993	165.73	90.319	27.392	680.02	26.553	0
"2012-07-28"	19:00:00"	12.045	161.67	90.443	24.337	463.92	26.539	0
"2012-07-28"	20:00:00"	12.273	155.42	89.925	20.833	246.49	26.539	0
"2012-07-28"	21:00:00"	9.4386	151.21	87.408	25.195	52.805	26.545	0
"2012-07-28"	22:00:00"	7.0805	141.72	83.658	30.833	0.11786	26.562	0
"2012-07-28"	23:00:00"	6.7183	139.46	81.222	34.917	0.08967	26.586	0
"2012-07-29"	00:00:00"	6.768	147.09	79.603	38.927	0.08882	26.595	0
"2012-07-29"	01:00:00"	5.1835	160.45	77.071	44.885	0.09009	26.601	0
"2012-07-29"	02:00:00"	6.1988	166.65	75.811	49.187	0.06995	26.598	0
"2012-07-29"	03:00:00"	5.2431	187.85	73.957	54.271	0.09073	26.592	0
"2012-07-29"	04:00:00"	4.7585	217.28	72.773	57.212	0.08564	0	0
"2012-07-29"	05:00:00"	5.7719	190.35	71.491	62.101	0.08437	26.586	0
"2012-07-29"	06:00:00"	6.2833	217.35	71.377	62.553	0.10323	0	0
"2012-07-29"	07:00:00"	2.9267	205.48	70.04	66.963	0.3326	0	0
"2012-07-29"	08:00:00"	1.4845	210.6	70.022	66.519	49.543	0	0
"2012-07-29"	09:00:00"	5.716	192.91	74.098	58.635	220.2	26.615	0
"2012-07-29"	10:00:00"	10.488	187.1	78.281	52.017	438.83	26.627	0
"2012-07-29"	11:00:00"	11.756	188.13	81.251	46.766	651.81	26.624	0
"2012-07-29"	12:00:00"	10.915	189.33	83.605	42.68	833.61	26.621	0
"2012-07-29"	13:00:00"	8.9726	179.27	85.706	38.601	969.31	26.604	0
"2012-07-29"	14:00:00"	9.2727	181.55	88.228	33.663	1043.2	26.583	0
"2012-07-29"	15:00:00"	11.127	180.59	90.501	29.117	1048.3	26.562	0
"2012-07-29"	16:00:00"	11.415	180.21	91.798	26.006	990.74	26.542	0
"2012-07-29"	17:00:00"	10.609	181.35	93.016	23.361	857.11	26.521	0
"2012-07-29"	18:00:00"	10.077	169.89	93.076	22.38	500.1	26.509	0
"2012-07-29"	19:00:00"	8.8552	180.91	92.385	21.747	267.82	26.491	0
"2012-07-29"	20:00:00"	7.5012	186.32	91.758	22.275	179.1	26.485	0
"2012-07-29"	21:00:00"	8.9384	160.09	90.141	23.889	56.574	26.494	0
"2012-07-29"	22:00:00"	6.9426	157.59	85.91	29.2	0.19269	26.506	0
"2012-07-29"	23:00:00"	6.6077	156.87	82.727	33.221	0.08225	26.524	0
"2012-07-30"	00:00:00"	7.3552	156.96	80.968	33.577	0.10111	26.527	0
"2012-07-30"	01:00:00"	8.0306	164.73	79.222	37.161	0.08225	26.53	0
"2012-07-30"	02:00:00"	4.2651	183.58	76.46	41.999	0.09052	26.524	0
"2012-07-30"	03:00:00"	2.1891	210.61	75.01	42.813	0.09836	26.521	0
"2012-07-30"	04:00:00"	3.4101	220.08	74.24	42.887	0.12168	0	0
"2012-07-30"	05:00:00"	2.6172	200.83	73.483	43.154	0.0831	26.53	0
"2012-07-30"	06:00:00"	3.2653	215.91	73.83	40.892	0.10472	0	0
"2012-07-30"	07:00:00"	0.72638	217.08	70.804	46.283	0.30949	26.539	0
"2012-07-30"	08:00:00"	1.5435	206.58	70.99	45.583	46.277	26.55	0
"2012-07-30"	09:00:00"	5.1437	206.14	74.655	43.263	219.5	26.562	0
"2012-07-30"	10:00:00"	9.9276	193.19	80.508	39.191	443.84	26.562	0
"2012-07-30"	11:00:00"	10.346	191.2	84.469	32.461	661.08	26.565	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-07-30"	12:00:00"	7.9784	188.82	87.978	25.517	846.13	26.562	0
"2012-07-30"	13:00:00"	8.6228	145.43	90.568	20.127	982.34	26.55	0
"2012-07-30"	14:00:00"	10.3	167.05	91.677	18.763	1059.1	26.539	0
"2012-07-30"	15:00:00"	9.5461	172.84	92.339	18.934	1062.5	26.512	0
"2012-07-30"	16:00:00"	10.386	165.91	93.452	18.615	997.25	26.488	0
"2012-07-30"	17:00:00"	9.4343	180.21	94.073	18.716	864.41	26.474	0
"2012-07-30"	18:00:00"	9.3181	164.08	94.242	18.016	688.12	26.465	0
"2012-07-30"	19:00:00"	8.1511	169.16	94.001	18.649	473.58	26.456	0
"2012-07-30"	20:00:00"	8.9925	159.79	93.227	19.096	242.5	26.456	0
"2012-07-30"	21:00:00"	7.7106	157.33	90.91	21.349	53.182	26.465	0
"2012-07-30"	22:00:00"	6.3585	157.02	87.272	24.788	0.15538	26.477	0
"2012-07-30"	23:00:00"	7.1514	153.87	84.766	27.709	0.11171	26.497	0
"2012-07-31"	00:00:00"	6.9401	159.1	81.864	32.501	0.08458	26.509	0
"2012-07-31"	01:00:00"	6.5559	158.59	79.597	37.01	0.06553	26.512	0
"2012-07-31"	02:00:00"	5.2245	199.69	78.525	38.856	0.09539	0	0
"2012-07-31"	03:00:00"	3.4225	214	77.259	40.378	0.09433	26.509	0
"2012-07-31"	04:00:00"	3.681	218.12	76.831	40.413	0.07165	0	0
"2012-07-31"	05:00:00"	3.5629	206.29	76.526	41.248	0.0973	26.509	0
"2012-07-31"	06:00:00"	5.3687	225	76.46	41.7	0.1026	26.509	0
"2012-07-31"	07:00:00"	4.7696	222.61	75.407	43.822	0.26476	26.515	0
"2012-07-31"	08:00:00"	2.6769	225	73.106	49.861	45.502	0	0
"2012-07-31"	09:00:00"	4.7348	181.78	77.071	45.224	216.28	26.539	0
"2012-07-31"	10:00:00"	8.0778	179.54	81.917	40.06	437.59	26.545	0
"2012-07-31"	11:00:00"	6.9096	173.99	86.227	34.08	653.39	26.55	0
"2012-07-31"	12:00:00"	8.4413	155.75	89.653	27.133	838.91	26.545	0
"2012-07-31"	13:00:00"	10.394	156.99	91.646	23.441	977.05	26.536	0
"2012-07-31"	14:00:00"	9.2298	161.23	92.918	19.932	1050.6	26.521	0
"2012-07-31"	15:00:00"	9.3678	169.95	94.187	19.106	1055.8	26.506	0
"2012-07-31"	16:00:00"	8.6023	175.69	95.39	18.151	987.29	26.488	0
"2012-07-31"	17:00:00"	9.1006	162.85	96.042	17.411	859.88	26.468	0
"2012-07-31"	18:00:00"	9.072	155.05	96.319	17.349	679.77	26.453	0
"2012-07-31"	19:00:00"	8.9651	152.79	96.504	17.049	469.79	26.444	0
"2012-07-31"	20:00:00"	9.7238	149.87	95.86	16.975	244.82	26.441	0
"2012-07-31"	21:00:00"	8.3108	149.95	93.69	18.537	52.475	26.45	0
"2012-07-31"	22:00:00"	6.7618	139.33	89.749	22.829	0.12019	26.471	0
"2012-07-31"	23:00:00"	7.0855	135.89	87.517	24.478	0.1132	26.488	0
"2012-08-01"	00:00:00"	8.5606	140.04	85.359	26.447	0.06508	26.497	0
"2012-08-01"	01:00:00"	7.1576	213.49	82.839	29.833	0.09115	0	0
"2012-08-01"	02:00:00"	6.6667	183.65	80.424	34.339	0.08734	26.503	0
"2012-08-01"	03:00:00"	4.5136	207.7	77.682	38.629	0.08331	26.497	0
"2012-08-01"	04:00:00"	3.5163	216.71	76.013	41.607	0.07843	0	0
"2012-08-01"	05:00:00"	2.79	216.14	75.93	42.661	0.11087	26.494	0
"2012-08-01"	06:00:00"	3.0174	218.35	75.372	42.813	0.10281	26.494	0
"2012-08-01"	07:00:00"	3.3554	225	75.2	43.2	0.28999	26.494	0
"2012-08-01"	08:00:00"	4.241	209.17	75.4	45.373	46.849	26.506	0
"2012-08-01"	09:00:00"	6.8963	207.06	77.45	43.915	216.66	26.515	0
"2012-08-01"	10:00:00"	11.983	174.26	82.98	37.026	405.36	26.518	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-01	11:00:00"	11.173	174.67	87.873	30.641	638.55	26.518	0
"2012-08-01	12:00:00"	9.8593	178.41	91.71	24.139	821.26	26.509	0
"2012-08-01	13:00:00"	8.8856	167.6	94.161	21.157	923.31	26.494	0
"2012-08-01	14:00:00"	4.9343	143.29	96.427	19.034	892.49	26.474	0.17
"2012-08-01	15:00:00"	5.9863	119.05	98.298	16.833	961.8	26.453	0
"2012-08-01	16:00:00"	5.89	135.36	98.975	16.106	437.98	26.432	0
"2012-08-01	17:00:00"	5.1704	176.38	99.774	15.189	450.03	26.418	0
"2012-08-01	18:00:00"	7.5385	182.46	100.33	14.822	666.49	26.403	0
"2012-08-01	19:00:00"	6.7089	147.94	99.903	14.755	450.11	26.388	0
"2012-08-01	20:00:00"	5.5638	145.58	99.095	14.613	224.72	26.379	0
"2012-08-01	21:00:00"	8.9943	139.19	96.274	15.353	42.343	26.385	0
"2012-08-01	22:00:00"	8.5867	132.23	91.202	17.686	0.08267	26.4	0
"2012-08-01	23:00:00"	8.7166	141.93	87.962	20.126	0.08119	26.415	0
"2012-08-02	00:00:00"	8.5936	159.79	85.238	23.072	0.06805	26.418	0
"2012-08-02	01:00:00"	10.328	174.98	83.145	25.473	0.06614	26.42	0
"2012-08-02	02:00:00"	10.725	177.97	82.349	25.951	0.05872	26.418	0
"2012-08-02	03:00:00"	9.8183	176.53	80.262	27.741	0.06126	26.42	0
"2012-08-02	04:00:00"	9.8481	177.26	79.286	28.812	0.07377	26.406	0
"2012-08-02	05:00:00"	6.904	183.39	76.979	31.439	0.06974	26.4	0
"2012-08-02	06:00:00"	6.0329	181.03	75.331	33.627	0.08076	26.394	0
"2012-08-02	07:00:00"	7.5844	167.85	75.793	34.918	0.56429	26.394	0
"2012-08-02	08:00:00"	5.3003	166.25	75.602	36.756	58.283	26.403	0
"2012-08-02	09:00:00"	9.4678	176.4	78.467	34.467	235.82	26.415	0
"2012-08-02	10:00:00"	10.543	176.69	82.889	30.962	470.82	26.42	0
"2012-08-02	11:00:00"	8.6868	181.9	86.64	27.911	650.92	26.423	0
"2012-08-02	12:00:00"	5.5116	181.28	89.962	24.84	757.62	26.429	0
"2012-08-02	13:00:00"	5.3034	182.65	92.857	22.412	964.3	26.412	0
"2012-08-02	14:00:00"	6.0708	187.77	95.996	20.265	1038.6	26.394	0
"2012-08-02	15:00:00"	6.1273	189.55	98.716	17.953	1044.2	26.376	0
"2012-08-02	16:00:00"	5.9005	180.9	101.63	15.269	959.23	26.358	0
"2012-08-02	17:00:00"	4.8088	192.62	102.73	13.173	795.02	26.338	0
"2012-08-02	18:00:00"	5.1431	125.09	102.75	13.133	692.79	26.32	0
"2012-08-02	19:00:00"	7.6876	108.15	102.59	13.235	474.28	26.305	0
"2012-08-02	20:00:00"	7.1675	121.23	101.58	13.481	207.06	26.299	0
"2012-08-02	21:00:00"	7.3508	141.09	98.793	14.916	39.254	26.314	0
"2012-08-02	22:00:00"	9.3398	141.46	94.321	16.949	0.1151	26.326	0
"2012-08-02	23:00:00"	11.444	167.22	91.161	19.366	0.06275	0	0
"2012-08-03	00:00:00"	10.975	178.44	88.47	23.246	0.09327	26.356	0
"2012-08-03	01:00:00"	11.994	215.72	86.374	24.633	0.12274	0	0
"2012-08-03	02:00:00"	8.7619	204.27	83.724	26.306	0.09475	0	0
"2012-08-03	03:00:00"	6.1143	217.09	81.767	28.254	0.09391	0	0
"2012-08-03	04:00:00"	6.7835	202.25	79.982	33.163	0.0831	26.361	0
"2012-08-03	05:00:00"	6.7108	225	80.06	33.4	0.10302	26.361	0
"2012-08-03	06:00:00"	6.7108	225	80.06	33.4	0.11108	26.361	0
"2012-08-03	07:00:00"	6.7108	225	80.06	33.4	0.24547	26.361	0
"2012-08-03	08:00:00"	6.5996	205.32	77.983	38.444	46.993	26.35	0
"2012-08-03	09:00:00"	8.8732	204	78.214	41.178	212.12	26.367	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-03	10:00:00"	10.793	166.07	82.009	36.463	426.4	26.37	0
"2012-08-03	11:00:00"	7.0811	168.74	85.621	31.998	640.02	26.388	0
"2012-08-03	12:00:00"	6.3896	143.83	89.452	27.386	831.71	26.388	0
"2012-08-03	13:00:00"	8.7638	133.69	93.524	23.331	969.68	26.376	0
"2012-08-03	14:00:00"	11.389	147.05	96.421	20.168	1044	26.361	0
"2012-08-03	15:00:00"	11.433	151.91	99.168	16.589	1053.3	26.338	0
"2012-08-03	16:00:00"	10.765	151.13	100.83	13.229	991.79	26.317	0
"2012-08-03	17:00:00"	11.768	153.65	102.1	10.438	866.2	26.308	0
"2012-08-03	18:00:00"	11.224	165.57	102.42	9.4406	690.27	26.291	0
"2012-08-03	19:00:00"	12.491	173.67	101.77	10.101	478.49	26.288	0
"2012-08-03	20:00:00"	13.22	158.96	99.888	14.045	249.31	26.285	0
"2012-08-03	21:00:00"	13.45	147.66	96.791	17.235	44.723	26.299	0
"2012-08-03	22:00:00"	12.071	171.08	93.151	18.686	0.10027	0	0
"2012-08-03	23:00:00"	11.572	177.24	90.236	21.455	0.09158	26.344	0
"2012-08-04	00:00:00"	15.143	199.54	87.941	27.612	0.09751	26.356	0
"2012-08-04	01:00:00"	14.387	214.69	86.107	30.681	0.10811	26.364	0
"2012-08-04	02:00:00"	13.161	225	85.312	31.413	0.07758	0	0
"2012-08-04	03:00:00"	14.278	215.24	83.173	37.4	0.11532	26.364	0
"2012-08-04	04:00:00"	14.54	225	83.12	37.5	0.08797	26.364	0
"2012-08-04	05:00:00"	14.54	225	83.12	37.5	0.10408	26.364	0
"2012-08-04	06:00:00"	14.5	225	82.978	37.396	0.10005	0	0
"2012-08-04	07:00:00"	5.1021	188.32	78.227	41.295	0.15199	26.397	0
"2012-08-04	08:00:00"	3.1317	225	78.26	41.4	40.49	26.397	0
"2012-08-04	09:00:00"	6.6431	154.83	77.811	49.901	202.63	26.432	0
"2012-08-04	10:00:00"	10.344	148.44	79.973	52.106	421.37	26.444	0
"2012-08-04	11:00:00"	10.448	155.53	84.511	43.102	637.16	26.444	0
"2012-08-04	12:00:00"	11.356	151.43	88.841	35.841	823.48	26.441	0
"2012-08-04	13:00:00"	12.45	155.12	92.344	29.67	961.76	26.438	0
"2012-08-04	14:00:00"	11.821	153.08	94.958	24.913	1034.8	26.423	0
"2012-08-04	15:00:00"	12.144	141.47	97.057	21.846	1042.3	26.415	0
"2012-08-04	16:00:00"	11.897	137.51	98.889	16.528	983.28	26.403	0
"2012-08-04	17:00:00"	11.642	138.49	99.734	13.764	860.47	26.403	0
"2012-08-04	18:00:00"	12.116	142.66	99.346	14.106	678.32	26.403	0
"2012-08-04	19:00:00"	13.055	141.13	98.305	15.152	462.65	26.409	0
"2012-08-04	20:00:00"	11.925	132.14	96.66	16.059	236.54	26.418	0
"2012-08-04	21:00:00"	11.991	129.9	93.878	20.75	40.094	26.435	0
"2012-08-04	22:00:00"	10.591	212.07	90.502	24.675	0.10747	0	0
"2012-08-04	23:00:00"	9.6673	165.65	87.199	28.719	0.09073	26.48	0
"2012-08-05	00:00:00"	11.377	225	85.85	30.016	0.09369	0	0
"2012-08-05	01:00:00"	4.7124	184.93	81.391	36.155	0.07737	26.53	0
"2012-08-05	02:00:00"	2.4606	225	80.06	37.8	0.08606	26.53	0
"2012-08-05	03:00:00"	2.4606	225	80.06	37.8	0.09179	26.53	0
"2012-08-05	04:00:00"	2.4606	225	80.06	37.8	0.0744	26.53	0
"2012-08-05	05:00:00"	2.4606	225	80.06	37.8	0.09073	26.53	0
"2012-08-05	06:00:00"	2.4606	225	80.06	37.8	0.08416	26.53	0
"2012-08-05	07:00:00"	2.4606	225	80.06	37.8	0.12676	26.53	0
"2012-08-05	08:00:00"	4.9213	255.35	75.432	47.91	32.344	26.633	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-05	09:00:00"	9.9096	226.36	73.217	54.021	181.75	26.648	0
"2012-08-05	10:00:00"	8.3357	59.355	78.131	45.386	407.86	26.654	0
"2012-08-05	11:00:00"	7.4502	63.929	82.206	39.574	620.42	26.663	0
"2012-08-05	12:00:00"	7.4484	66.849	84.516	36.579	802.97	26.66	0
"2012-08-05	13:00:00"	8.3953	61.721	87.126	33.557	936.57	26.648	0
"2012-08-05	14:00:00"	9.4703	82.575	89.443	30.183	996.6	26.633	0
"2012-08-05	15:00:00"	9.1671	99.94	90.723	28.179	1007.8	26.615	0
"2012-08-05	16:00:00"	9.0521	90.614	91.987	26.253	774.29	26.592	0
"2012-08-05	17:00:00"	9.1509	104.06	92.837	25.009	801.83	26.577	0
"2012-08-05	18:00:00"	10.296	119.38	93.205	25.029	514.26	26.562	0
"2012-08-05	19:00:00"	10.092	116.24	92.962	25.58	265.96	26.556	0
"2012-08-05	20:00:00"	9.9401	117.13	91.702	26.666	76.432	26.565	0
"2012-08-05	21:00:00"	8.6805	104.22	90.416	27.794	11.897	26.571	0
"2012-08-05	22:00:00"	6.6456	211.71	88.196	30.554	0.0814	0	0
"2012-08-05	23:00:00"	6.1702	181.63	84.596	40.444	0.07483	26.598	0
"2012-08-06	00:00:00"	5.3537	225	84.594	40.587	0.08564	0	0
"2012-08-06	01:00:00"	2.7347	181.9	81.772	42.882	0.09815	26.624	0
"2012-08-06	02:00:00"	2.6843	225	81.5	43.1	0.08458	26.624	0
"2012-08-06	03:00:00"	2.6843	225	81.5	43.1	0.07589	26.624	0
"2012-08-06	04:00:00"	2.6843	225	81.5	43.1	0.10684	26.624	0
"2012-08-06	05:00:00"	2.6843	225	81.5	43.1	0.08861	26.624	0
"2012-08-06	06:00:00"	2.6843	225	81.5	43.1	0.0672	26.624	0
"2012-08-06	07:00:00"	2.6843	225	81.5	43.1	0.12316	26.624	0
"2012-08-06	08:00:00"	3.3523	212.93	76.94	50.529	34.7	26.648	0
"2012-08-06	09:00:00"	6.1503	208.53	74.158	57.361	185.51	26.66	0
"2012-08-06	10:00:00"	6.4076	192.43	79.13	50.548	414.98	26.654	0
"2012-08-06	11:00:00"	4.2626	217.78	84.373	38.353	632.63	26.651	0
"2012-08-06	12:00:00"	4.2396	152.41	86.894	31.935	816.18	26.642	0
"2012-08-06	13:00:00"	5.2214	167.59	89.517	27.421	953	26.624	0
"2012-08-06	14:00:00"	7.5621	144.67	91.272	25.056	1027.4	26.604	0
"2012-08-06	15:00:00"	7.6951	145.29	92.759	23.943	1032.2	26.574	0
"2012-08-06	16:00:00"	7.9902	152.62	94.767	21.864	998.42	26.553	0
"2012-08-06	17:00:00"	7.6429	123.5	95.721	19.629	738.15	26.53	0
"2012-08-06	18:00:00"	7.933	133.5	96.107	18.466	597.65	26.518	0
"2012-08-06	19:00:00"	8.1965	124.89	95.615	18.621	318.56	26.503	0
"2012-08-06	20:00:00"	8.931	149.03	94.993	19.199	226.05	26.503	0
"2012-08-06	21:00:00"	7.6087	141.59	92.953	20.564	35.524	26.509	0
"2012-08-06	22:00:00"	5.0486	212.24	89.925	22.578	0.08606	0	0
"2012-08-06	23:00:00"	7.9075	189.89	87.959	24.424	0.08967	26.527	0
"2012-08-07	00:00:00"	9.1714	225	87.8	24.6	0.09136	26.527	0
"2012-08-07	01:00:00"	9.1714	225	87.8	24.6	0.10408	26.527	0
"2012-08-07	02:00:00"	9.1714	225	87.8	24.6	0.0884	26.527	0
"2012-08-07	03:00:00"	9.1714	225	87.8	24.6	0.09306	26.527	0
"2012-08-07	04:00:00"	9.1714	225	87.8	24.6	0.0903	26.527	0
"2012-08-07	05:00:00"	9.1714	225	87.8	24.6	0.11765	26.527	0
"2012-08-07	06:00:00"	9.1714	225	87.8	24.6	0.10557	26.527	0
"2012-08-07	07:00:00"	9.1714	225	87.8	24.6	0.10557	26.527	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-07	08:00:00"	6.7182	217.52	80.964	36.587	35.687	26.533	0
"2012-08-07	09:00:00"	5.1947	211.67	75.56	47.476	165.97	26.547	0
"2012-08-07	10:00:00"	5.7595	208.92	83.069	38.043	422.62	26.553	0
"2012-08-07	11:00:00"	8.9303	201.91	87.547	32.086	617.67	26.553	0
"2012-08-07	12:00:00"	7.6938	199.72	90.12	28.263	844.11	26.556	0
"2012-08-07	13:00:00"	5.501	216.95	92.818	23.837	987.92	26.539	0
"2012-08-07	14:00:00"	7.6951	166.35	94.23	21.978	901.51	26.521	0
"2012-08-07	15:00:00"	9.5107	144.77	95.139	19.506	1049	26.503	0
"2012-08-07	16:00:00"	8.9005	155.31	96.052	19.706	993.59	26.48	0
"2012-08-07	17:00:00"	8.8259	169.49	96.828	19.163	817.75	26.459	0
"2012-08-07	18:00:00"	8.8346	144.1	97.247	18.256	592.89	26.447	0
"2012-08-07	19:00:00"	9.4324	153.89	96.676	18.833	361.07	26.438	0
"2012-08-07	20:00:00"	8.1244	150.49	95.055	20.275	103.06	26.432	0
"2012-08-07	21:00:00"	7.239	148.87	94.057	20.817	25.414	26.441	0
"2012-08-07	22:00:00"	10.29	225	93.2	21.5	0.1132	26.441	0
"2012-08-07	23:00:00"	10.261	225	93.03	21.44	0.10641	0	0
"2012-08-08	00:00:00"	6.3784	211.96	87.526	25.071	0.0744	26.474	0
"2012-08-08	01:00:00"	6.4871	225	87.44	25.1	0.1151	26.474	0
"2012-08-08	02:00:00"	6.4871	225	87.44	25.1	0.09454	26.474	0
"2012-08-08	03:00:00"	6.4871	225	87.44	25.1	0.12528	26.474	0
"2012-08-08	04:00:00"	6.4871	225	87.44	25.1	0.11468	26.474	0
"2012-08-08	05:00:00"	6.4871	225	87.44	25.1	0.08818	26.474	0
"2012-08-08	06:00:00"	6.4871	225	87.44	25.1	0.11595	26.474	0
"2012-08-08	07:00:00"	6.4871	225	87.44	25.1	0.10111	26.474	0
"2012-08-08	08:00:00"	6.4691	225	87.286	25.03	8.4866	0	0
"2012-08-08	09:00:00"	6.4592	189.74	76.416	52.439	71.892	26.556	0
"2012-08-08	10:00:00"	10.255	78.845	75.394	61.903	73.196	26.607	0
"2012-08-08	11:00:00"	9.6636	342.34	72.176	74.249	137.56	26.612	0
"2012-08-08	12:00:00"	6.5269	48.09	74.26	69.07	150	26.598	0.01
"2012-08-08	13:00:00"	4.8765	79.73	75.685	69.019	163.81	26.58	0
"2012-08-08	14:00:00"	3.9252	149.74	77.957	60.059	253.97	26.559	0
"2012-08-08	15:00:00"	4.2856	249.43	81.261	49.16	319.13	26.553	0
"2012-08-08	16:00:00"	2.7788	254.02	84.188	38.936	380.25	26.533	0
"2012-08-08	17:00:00"	3.0895	247.21	88.996	28.068	741.74	26.506	0
"2012-08-08	18:00:00"	4.1054	296.78	91.835	24.156	640.66	26.488	0
"2012-08-08	19:00:00"	3.6655	343.9	92.256	23.736	350.69	26.48	0
"2012-08-08	20:00:00"	2.9173	105.07	91.755	23.911	170.38	26.48	0
"2012-08-08	21:00:00"	5.2052	151.08	89.778	25.943	15.399	26.485	0
"2012-08-08	22:00:00"	3.3554	225	87.8	28.5	0.09052	26.485	0
"2012-08-08	23:00:00"	3.3461	225	87.645	28.421	0.08479	0	0
"2012-08-09	00:00:00"	3.9718	216.4	78.853	46.048	0.11701	26.536	0
"2012-08-09	01:00:00"	4.0265	225	78.8	46.2	0.10557	26.536	0
"2012-08-09	02:00:00"	4.0265	225	78.8	46.2	0.09179	26.536	0
"2012-08-09	03:00:00"	4.0265	225	78.8	46.2	0.092	26.536	0
"2012-08-09	04:00:00"	3.525	233.21	76.963	49.564	0.08246	26.545	0
"2012-08-09	05:00:00"	1.5659	225	72.14	60.1	0.10281	26.545	0
"2012-08-09	06:00:00"	1.5659	225	72.14	60.1	0.09052	26.545	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-09	07:00:00"	1.5659	225	72.14	60.1	0.11934	26.545	0
"2012-08-09	08:00:00"	1.3235	264.1	69.192	65.721	36.11	26.559	0
"2012-08-09	09:00:00"	2.0717	267	72.271	61.499	196.08	26.568	0
"2012-08-09	10:00:00"	1.8616	334.3	81.33	43.259	417.3	26.568	0
"2012-08-09	11:00:00"	3.0261	248.28	85.914	35.232	631.37	26.571	0
"2012-08-09	12:00:00"	5.1661	85.758	87.996	30.406	816.54	26.568	0
"2012-08-09	13:00:00"	6.671	60.109	89.729	28.073	854.2	26.559	0
"2012-08-09	14:00:00"	7.6366	71.223	91.726	22.787	988.75	26.542	0
"2012-08-09	15:00:00"	9.5088	78.835	93.923	16.732	1047.7	26.524	0
"2012-08-09	16:00:00"	9.3653	82.859	95.012	16.014	972.09	26.5	0
"2012-08-09	17:00:00"	10.589	73.115	95.369	16.71	792.08	26.48	0
"2012-08-09	18:00:00"	11.164	70.225	95.37	16.199	684.41	26.468	0
"2012-08-09	19:00:00"	10.396	89.411	95.395	16.652	458.57	26.462	0
"2012-08-09	20:00:00"	10.767	76.064	95.08	15.102	205.74	26.468	0
"2012-08-09	21:00:00"	7.5888	105.88	92.49	16.077	21.819	26.474	0
"2012-08-09	22:00:00"	5.5923	225	90.14	17.7	0.09391	26.474	0
"2012-08-09	23:00:00"	5.5923	225	90.14	17.7	0.07546	26.474	0
"2012-08-10	00:00:00"	5.5923	225	90.14	17.7	0.09581	26.474	0
"2012-08-10	01:00:00"	5.5923	225	90.14	17.7	0.09433	26.474	0
"2012-08-10	02:00:00"	5.5923	225	90.14	17.7	0.09942	26.474	0
"2012-08-10	03:00:00"	5.5923	225	90.14	17.7	0.09221	26.474	0
"2012-08-10	04:00:00"	5.5923	225	90.14	17.7	0.0778	26.474	0
"2012-08-10	05:00:00"	5.5923	225	90.14	17.7	0.08628	26.474	0
"2012-08-10	06:00:00"	5.5923	225	90.14	17.7	0.09836	26.474	0
"2012-08-10	07:00:00"	5.5923	225	90.14	17.7	0.11404	26.474	0
"2012-08-10	08:00:00"	5.6184	266.8	80.323	37.254	33.2	26.542	0
"2012-08-10	09:00:00"	7.938	244.38	74.798	46.813	189.4	26.556	0
"2012-08-10	10:00:00"	10.143	57.314	79.82	36.138	405.46	26.562	0
"2012-08-10	11:00:00"	10.748	75.829	83.657	31.965	620.81	26.565	0
"2012-08-10	12:00:00"	8.8614	81.236	86.856	28.707	804.16	26.562	0
"2012-08-10	13:00:00"	6.3883	87.076	89.976	25.322	941.84	26.55	0
"2012-08-10	14:00:00"	5.5774	101.45	92.195	21.805	1017	26.536	0
"2012-08-10	15:00:00"	6.1062	103.29	94.124	18.171	1026.5	26.512	0
"2012-08-10	16:00:00"	8.757	76.59	95.704	16.385	961.11	26.494	0
"2012-08-10	17:00:00"	9.5561	89.642	96.178	16.074	826.75	26.483	0
"2012-08-10	18:00:00"	9.8972	80.437	96.144	16.453	606.12	26.462	0
"2012-08-10	19:00:00"	11.257	98.141	95.938	16.27	433.71	26.453	0
"2012-08-10	20:00:00"	10.321	98.118	94.798	15.949	212.73	26.453	0
"2012-08-10	21:00:00"	7.6391	182.1	91.74	16.979	33.072	26.465	0
"2012-08-10	22:00:00"	7.3819	225	89.24	19.1	0.09264	26.465	0
"2012-08-10	23:00:00"	7.3819	225	89.24	19.1	0.11616	26.465	0
"2012-08-11	00:00:00"	7.3819	225	89.24	19.1	0.12804	26.465	0
"2012-08-11	01:00:00"	7.3819	225	89.24	19.1	0.11235	26.465	0
"2012-08-11	02:00:00"	6.2616	216.11	82.006	26.319	0.09264	26.497	0
"2012-08-11	03:00:00"	5.1449	225	75.38	33.3	0.11299	26.497	0
"2012-08-11	04:00:00"	5.1449	225	75.38	33.3	0.09052	26.497	0
"2012-08-11	05:00:00"	5.1449	225	75.38	33.3	0.08543	26.497	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-11	06:00:00"	5.1449	225	75.38	33.3	0.13715	26.497	0
"2012-08-11	07:00:00"	5.1449	225	75.38	33.3	0.10641	26.497	0
"2012-08-11	08:00:00"	5.1462	232.63	69.894	38.704	17.614	26.515	0
"2012-08-11	09:00:00"	5.3755	181.61	68.727	38.171	171.66	26.53	0
"2012-08-11	10:00:00"	8.0977	94.752	77.725	31.049	386.95	26.536	0
"2012-08-11	11:00:00"	6.0242	138.37	82.916	29.362	602.5	26.536	0
"2012-08-11	12:00:00"	4.4826	159.57	86.961	25.497	790.14	26.521	0
"2012-08-11	13:00:00"	4.3216	156.89	90.74	21.661	927.19	26.509	0
"2012-08-11	14:00:00"	3.7817	181.4	93.705	17.873	1001.2	26.485	0
"2012-08-11	15:00:00"	4.6559	153.25	95.586	15.461	1004.9	26.468	0
"2012-08-11	16:00:00"	6.8985	170.02	97.524	15.126	935.61	26.447	0
"2012-08-11	17:00:00"	6.3964	156.61	97.959	14.872	805.23	26.432	0
"2012-08-11	18:00:00"	7.7193	177.44	98.587	14.438	637.77	26.42	0
"2012-08-11	19:00:00"	7.4726	180.32	98.396	14.859	423.69	26.412	0
"2012-08-11	20:00:00"	8.3966	186.21	97.131	15.414	191.59	26.415	0
"2012-08-11	21:00:00"	7.2452	211.54	94.714	15.922	26.503	26.42	0
"2012-08-11	22:00:00"	6.9345	225	93.2	17.6	0.12189	26.42	0
"2012-08-11	23:00:00"	6.9345	225	93.2	17.6	0.1026	26.42	0
"2012-08-12	00:00:00"	6.9345	225	93.2	17.6	0.11044	26.42	0
"2012-08-12	01:00:00"	6.9345	225	93.2	17.6	0.12507	26.42	0
"2012-08-12	02:00:00"	6.9345	225	93.2	17.6	0.09963	26.42	0
"2012-08-12	03:00:00"	6.9345	225	93.2	17.6	0.08479	26.42	0
"2012-08-12	04:00:00"	6.9345	225	93.2	17.6	0.11171	26.42	0
"2012-08-12	05:00:00"	6.9345	225	93.2	17.6	0.13228	26.42	0
"2012-08-12	06:00:00"	6.9345	225	93.2	17.6	0.0956	26.42	0
"2012-08-12	07:00:00"	6.9345	225	93.2	17.6	0.09963	26.42	0
"2012-08-12	08:00:00"	4.3602	235.99	82.938	28.912	33.269	26.465	0
"2012-08-12	09:00:00"	2.25	223.39	75.956	37.253	177.43	26.474	0
"2012-08-12	10:00:00"	5.8173	222.1	82.901	30.298	390.24	26.477	0
"2012-08-12	11:00:00"	8.0076	216.56	89.043	23.996	607.5	26.477	0
"2012-08-12	12:00:00"	9.3902	227.02	95.82	17.544	789.72	26.468	0
"2012-08-12	13:00:00"	7.9368	248.8	99.314	15.359	928	26.453	0
"2012-08-12	14:00:00"	6.607	236.99	100.72	13.602	1004.6	26.435	0
"2012-08-12	15:00:00"	6.9196	223.01	101.83	11.91	993	26.418	0
"2012-08-12	16:00:00"	3.6164	123.16	101.64	11.368	537.46	26.397	0
"2012-08-12	17:00:00"	6.5058	131.3	101.31	12.221	328.58	26.394	0
"2012-08-12	18:00:00"	13.535	166.12	93.088	22.328	187.11	26.406	0.01
"2012-08-12	19:00:00"	6.9513	161.55	92.801	22.158	160.02	26.4	0
"2012-08-12	20:00:00"	2.9111	194.3	92.319	21.226	34.529	26.418	0
"2012-08-12	21:00:00"	4.4739	225	90.32	23.7	10.674	26.418	0
"2012-08-12	22:00:00"	4.4739	225	90.32	23.7	0.08055	26.418	0
"2012-08-12	23:00:00"	4.4739	225	90.32	23.7	0.09518	26.418	0
"2012-08-13	00:00:00"	4.4739	225	90.32	23.7	0.11532	26.418	0
"2012-08-13	01:00:00"	4.4739	225	90.32	23.7	0.10726	26.418	0
"2012-08-13	02:00:00"	4.4739	225	90.32	23.7	0.09327	26.418	0
"2012-08-13	03:00:00"	4.4739	225	90.32	23.7	0.11828	26.418	0
"2012-08-13	04:00:00"	4.4739	225	90.32	23.7	0.06232	26.418	0.12

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-13	05:00:00"	4.4739	225	90.32	23.7	0.05999	26.418	0.06
"2012-08-13	06:00:00"	4.4739	225	90.32	23.7	0.11532	26.418	0
"2012-08-13	07:00:00"	4.4739	225	90.32	23.7	0.092	26.418	0.11
"2012-08-13	08:00:00"	4.4615	225	90.158	23.634	4.0766	0	0
"2012-08-13	09:00:00"	9.3933	181.74	68.287	80.541	25.41	26.624	0
"2012-08-13	10:00:00"	9.1559	184.43	69.047	78.129	78.031	26.615	0
"2012-08-13	11:00:00"	7.4962	143.03	71.244	73.809	160.97	26.615	0
"2012-08-13	12:00:00"	4.3689	123.26	74.379	64.894	210.85	26.598	0
"2012-08-13	13:00:00"	1.9623	135.68	78.154	51.664	341.02	26.586	0
"2012-08-13	14:00:00"	3.3051	304.78	82.923	40.768	488.39	26.571	0
"2012-08-13	15:00:00"	3.3076	1.0167	84.281	39.252	416.99	26.556	0
"2012-08-13	16:00:00"	6.9755	95.102	86.213	36.121	841.74	26.542	0
"2012-08-13	17:00:00"	9.7903	107.24	85.951	38.282	555.67	26.53	0
"2012-08-13	18:00:00"	11.08	131.85	86.614	33.129	575.79	26.512	0
"2012-08-13	19:00:00"	10.186	149.25	86.72	29.007	417.76	26.497	0
"2012-08-13	20:00:00"	8.1132	131.77	86.355	31.794	196.69	26.494	0
"2012-08-13	21:00:00"	8.5003	225	85.82	32.9	20.359	26.494	0
"2012-08-13	22:00:00"	8.5003	225	85.82	32.9	0.0884	26.494	0
"2012-08-13	23:00:00"	8.5003	225	85.82	32.9	0.09242	26.494	0
"2012-08-14	00:00:00"	8.5003	225	85.82	32.9	0.1115	26.494	0
"2012-08-14	01:00:00"	8.5003	225	85.82	32.9	0.09497	26.494	0
"2012-08-14	02:00:00"	8.5003	225	85.82	32.9	0.09454	26.494	0
"2012-08-14	03:00:00"	8.5003	225	85.82	32.9	0.10726	26.494	0
"2012-08-14	04:00:00"	8.5003	225	85.82	32.9	0.09709	26.494	0
"2012-08-14	05:00:00"	8.5003	225	85.82	32.9	0.10281	26.494	0
"2012-08-14	06:00:00"	8.5003	225	85.82	32.9	0.11193	26.494	0
"2012-08-14	07:00:00"	8.5003	225	85.82	32.9	0.10323	26.494	0
"2012-08-14	08:00:00"	5.4595	210.14	72.405	60.407	55.877	0	0
"2012-08-14	09:00:00"	4.285	184.27	74.709	59.296	177.73	26.497	0
"2012-08-14	10:00:00"	8.7775	178.35	79.585	49.96	407.94	26.491	0
"2012-08-14	11:00:00"	9.6312	184.87	84.227	40.551	604.16	26.488	0
"2012-08-14	12:00:00"	11.071	190.44	87.842	32.262	786.95	26.485	0
"2012-08-14	13:00:00"	11.287	193.67	89.914	29.628	915.96	26.462	0
"2012-08-14	14:00:00"	12.15	200.65	91.916	26.242	989.51	26.435	0
"2012-08-14	15:00:00"	10.904	203.8	94.175	22.296	997.02	26.415	0
"2012-08-14	16:00:00"	10.865	181.66	95.029	20.727	946.99	26.385	0
"2012-08-14	17:00:00"	10.047	190.28	95.965	19.478	748.14	26.361	0
"2012-08-14	18:00:00"	10.872	184.8	96.397	18.488	634.34	26.344	0
"2012-08-14	19:00:00"	10.616	188.3	95.722	18.347	266.86	26.335	0
"2012-08-14	20:00:00"	10.533	199.66	94.67	18.876	75.083	26.335	0
"2012-08-14	21:00:00"	9.9823	214.27	91.986	20.551	6.4516	26.332	0
"2012-08-14	22:00:00"	6.7108	225	90.14	22.3	0.10048	26.332	0
"2012-08-14	23:00:00"	6.7108	225	90.14	22.3	0.1079	26.332	0
"2012-08-15	00:00:00"	6.7108	225	90.14	22.3	0.0778	26.332	0
"2012-08-15	01:00:00"	6.7108	225	90.14	22.3	0.08394	26.332	0
"2012-08-15	02:00:00"	6.7108	225	90.14	22.3	0.09921	26.332	0
"2012-08-15	03:00:00"	6.7108	225	90.14	22.3	0.08797	26.332	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-15	04:00:00"	6.7108	225	90.14	22.3	0.09857	26.332	0
"2012-08-15	05:00:00"	6.7108	225	90.14	22.3	0.06508	26.332	0
"2012-08-15	06:00:00"	6.7108	225	90.14	22.3	0.06317	26.332	0
"2012-08-15	07:00:00"	6.7108	225	90.14	22.3	0.09412	26.332	0
"2012-08-15	08:00:00"	8.4407	191.35	82.023	36.371	26.389	26.361	0
"2012-08-15	09:00:00"	10.553	196.56	74.842	48.801	137.34	26.373	0
"2012-08-15	10:00:00"	12.051	174.35	78.832	43.303	432	26.382	0
"2012-08-15	11:00:00"	9.804	185.88	83.253	37.222	642.39	26.391	0
"2012-08-15	12:00:00"	8.2002	190.53	86.625	32.767	766.65	26.391	0
"2012-08-15	13:00:00"	8.3077	186.03	89.837	28.7	894.88	26.379	0
"2012-08-15	14:00:00"	6.4734	189.16	93.58	23.371	1041.7	26.37	0
"2012-08-15	15:00:00"	4.477	132.52	95.863	19.707	1001.9	26.35	0
"2012-08-15	16:00:00"	4.239	279.87	97.705	17.968	973.53	26.326	0
"2012-08-15	17:00:00"	4.3639	170.59	97.171	18.24	381.05	26.314	0
"2012-08-15	18:00:00"	4.5882	224.35	97.129	18.673	227.52	26.314	0
"2012-08-15	19:00:00"	7.0575	230.25	94.917	21.738	240.62	26.299	0
"2012-08-15	20:00:00"	8.1257	200.63	92.917	22.252	63.469	26.311	0
"2012-08-15	21:00:00"	8.053	225	91.94	23.9	25.658	26.311	0
"2012-08-15	22:00:00"	8.053	225	91.94	23.9	0.09539	26.311	0
"2012-08-15	23:00:00"	8.053	225	91.94	23.9	0.12125	26.311	0
"2012-08-16	00:00:00"	8.053	225	91.94	23.9	0.10133	26.311	0
"2012-08-16	01:00:00"	8.053	225	91.94	23.9	0.13439	26.311	0
"2012-08-16	02:00:00"	8.053	225	91.94	23.9	0.08712	26.311	0
"2012-08-16	03:00:00"	8.053	225	91.94	23.9	0.10239	26.311	0
"2012-08-16	04:00:00"	8.053	225	91.94	23.9	0.09793	26.311	0
"2012-08-16	05:00:00"	8.053	225	91.94	23.9	0.09391	26.311	0
"2012-08-16	06:00:00"	8.053	225	91.94	23.9	0.10472	26.311	0
"2012-08-16	07:00:00"	8.053	225	91.94	23.9	0.1062	26.311	0
"2012-08-16	08:00:00"	8.0306	225	91.773	23.834	5.2113	0	0
"2012-08-16	09:00:00"	6.727	185.38	75.789	56.637	61.223	0	0
"2012-08-16	10:00:00"	9.5107	140.16	75.299	58.986	121.27	26.491	0.02
"2012-08-16	11:00:00"	4.339	130.18	76.948	56.533	213.58	26.497	0
"2012-08-16	12:00:00"	3.7699	130.77	79.478	50.351	272.62	26.506	0
"2012-08-16	13:00:00"	8.5277	115.77	79.271	52.014	465.18	26.5	0
"2012-08-16	14:00:00"	10.516	110.5	81.432	45.47	759.15	26.485	0
"2012-08-16	15:00:00"	7.188	102.27	85.061	38.313	823.47	26.494	0
"2012-08-16	16:00:00"	8.2642	106.83	87.204	36.199	683.41	26.474	0
"2012-08-16	17:00:00"	10.085	96.087	88.374	31.296	477.73	26.453	0
"2012-08-16	18:00:00"	11.067	97.44	88.521	29.493	288.26	26.438	0
"2012-08-16	19:00:00"	10.544	109.28	88.413	29.998	198.48	26.45	0
"2012-08-16	20:00:00"	9.3504	102.78	88.324	30.91	154.6	26.447	0
"2012-08-16	21:00:00"	7.0749	213.63	87.088	33.807	11.709	26.456	0
"2012-08-16	22:00:00"	5.816	225	86.9	34.7	0.09603	26.456	0
"2012-08-16	23:00:00"	5.816	225	86.9	34.7	0.08649	26.456	0
"2012-08-17	00:00:00"	5.816	225	86.9	34.7	0.08712	26.456	0
"2012-08-17	01:00:00"	5.816	225	86.9	34.7	0.09836	26.456	0
"2012-08-17	02:00:00"	5.816	225	86.9	34.7	0.11002	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-17"	03:00:00"	5.816	225	86.9	34.7	0.0884	26.456	0
"2012-08-17"	04:00:00"	5.816	225	86.9	34.7	0.12231	26.456	0
"2012-08-17"	05:00:00"	5.816	225	86.9	34.7	0.10048	26.456	0
"2012-08-17"	06:00:00"	5.816	225	86.9	34.7	0.10048	26.456	0
"2012-08-17"	07:00:00"	5.816	225	86.9	34.7	0.09921	26.456	0
"2012-08-17"	08:00:00"	6.7549	182.22	78.969	50.828	28.413	26.509	0
"2012-08-17"	09:00:00"	10.738	95.427	73.723	62.647	198.21	26.512	0
"2012-08-17"	10:00:00"	9.9463	72.728	76.677	56.698	332.28	26.518	0
"2012-08-17"	11:00:00"	9.433	88.8	80.792	48.015	523.65	26.524	0
"2012-08-17"	12:00:00"	7.9337	107.92	84.809	39.457	686.22	26.521	0
"2012-08-17"	13:00:00"	8.7619	111.01	86.629	36.502	670.3	26.512	0
"2012-08-17"	14:00:00"	8.4854	108.33	87.944	34.22	642	26.5	0
"2012-08-17"	15:00:00"	8.4432	115.04	88.871	33.451	556.3	26.474	0
"2012-08-17"	16:00:00"	9.2858	78.444	80.988	51.473	126.26	26.447	0.36
"2012-08-17"	17:00:00"	6.5269	73.785	77.182	62.813	46.787	26.456	0
"2012-08-17"	18:00:00"	6.6474	255.4	75.017	66.714	25.633	26.459	0
"2012-08-17"	19:00:00"	6.7108	225	74.66	71.9	17.052	26.459	0.03
"2012-08-17"	20:00:00"	6.7108	225	74.66	71.9	16.354	26.459	0.01
"2012-08-17"	21:00:00"	6.7108	225	74.66	71.9	2.5179	26.459	0.01
"2012-08-17"	22:00:00"	6.7108	225	74.66	71.9	0.06296	26.459	0.01
"2012-08-17"	23:00:00"	6.7108	225	74.66	71.9	0.09136	26.459	0
"2012-08-18"	00:00:00"	6.7108	225	74.66	71.9	0.07504	26.459	0
"2012-08-18"	01:00:00"	6.7108	225	74.66	71.9	0.06826	26.459	0
"2012-08-18"	02:00:00"	6.7108	225	74.66	71.9	0.10323	26.459	0
"2012-08-18"	03:00:00"	6.7108	225	74.66	71.9	0.10896	26.459	0
"2012-08-18"	04:00:00"	6.7108	225	74.66	71.9	0.10535	26.459	0
"2012-08-18"	05:00:00"	6.7108	225	74.66	71.9	0.09793	26.459	0
"2012-08-18"	06:00:00"	6.7108	225	74.66	71.9	0.05808	26.459	0
"2012-08-18"	07:00:00"	6.7108	225	74.66	71.9	0.05766	26.459	0
"2012-08-18"	08:00:00"	5.1698	229.09	72.072	76.755	22.665	26.474	0
"2012-08-18"	09:00:00"	3.4666	211.43	66.626	91.264	128.91	26.474	0
"2012-08-18"	10:00:00"	7.6833	197.17	69.749	84.506	368.8	26.465	0
"2012-08-18"	11:00:00"	10.107	187.11	73.403	72.706	604.02	26.462	0
"2012-08-18"	12:00:00"	7.8448	197.49	75.78	67.534	750.86	26.456	0
"2012-08-18"	13:00:00"	5.7104	196.67	78.505	60.486	909.42	26.447	0
"2012-08-18"	14:00:00"	4.2446	231.19	81.792	51.328	1003.6	26.426	0
"2012-08-18"	15:00:00"	5.1232	140.42	83.323	46.73	987.8	26.403	0
"2012-08-18"	16:00:00"	6.0254	139.76	84.617	42.262	853.34	26.379	0
"2012-08-18"	17:00:00"	6.8463	154.51	85.918	39.482	796.16	26.361	0
"2012-08-18"	18:00:00"	5.6744	141.03	86.78	37.508	619.8	26.338	0
"2012-08-18"	19:00:00"	5.1064	161.12	87	36.744	380.76	26.338	0
"2012-08-18"	20:00:00"	4.4938	143.31	86.601	36.741	172.43	26.344	0
"2012-08-18"	21:00:00"	4.4739	225	86.18	37.2	8.3433	26.344	0
"2012-08-18"	22:00:00"	4.4739	225	86.18	37.2	0.09942	26.344	0
"2012-08-18"	23:00:00"	4.4739	225	86.18	37.2	0.10217	26.344	0
"2012-08-19"	00:00:00"	4.4739	225	86.18	37.2	0.09942	26.344	0
"2012-08-19"	01:00:00"	4.4739	225	86.18	37.2	0.07674	26.344	0.05

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-19	02:00:00"	4.4739	225	86.18	37.2	0.06444	26.344	0.01
"2012-08-19	03:00:00"	4.4739	225	86.18	37.2	0.10387	26.344	0
"2012-08-19	04:00:00"	4.4739	225	86.18	37.2	0.07165	26.344	0.01
"2012-08-19	05:00:00"	4.4739	225	86.18	37.2	0.09391	26.344	0
"2012-08-19	06:00:00"	4.4739	225	86.18	37.2	0.0903	26.344	0
"2012-08-19	07:00:00"	4.4739	225	86.18	37.2	0.07038	26.344	0
"2012-08-19	08:00:00"	6.8481	219.53	76.204	63.632	23.633	26.477	0
"2012-08-19	09:00:00"	9.2926	91.539	67.888	86.426	161.77	26.5	0
"2012-08-19	10:00:00"	9.2068	93.485	68.574	87.534	176.63	26.527	0
"2012-08-19	11:00:00"	6.8171	86.802	68.74	88.923	157.29	26.547	0
"2012-08-19	12:00:00"	4.403	92.162	70.506	82.835	263.97	26.545	0
"2012-08-19	13:00:00"	3.7922	57.273	74.008	71.989	669.97	26.55	0
"2012-08-19	14:00:00"	9.0658	358.08	75.787	69.825	428.31	26.536	0
"2012-08-19	15:00:00"	13.156	38.109	72.277	72.927	307.2	26.524	0
"2012-08-19	16:00:00"	12.028	68.043	72.391	59.66	322.64	26.477	0
"2012-08-19	17:00:00"	12.224	76.136	79.896	41.553	747.7	26.459	0
"2012-08-19	18:00:00"	9.4448	100.27	83.068	33.565	593.42	26.456	0
"2012-08-19	19:00:00"	10.613	100.59	83.597	32.056	389.41	26.459	0
"2012-08-19	20:00:00"	10.31	110.47	80.485	37.506	133.79	26.462	0
"2012-08-19	21:00:00"	7.1582	225	78.44	41.6	9.9537	26.462	0
"2012-08-19	22:00:00"	7.1582	225	78.44	41.6	0.08225	26.462	0
"2012-08-19	23:00:00"	7.1582	225	78.44	41.6	0.09306	26.462	0
"2012-08-20	00:00:00"	7.1582	225	78.44	41.6	0.08585	26.462	0
"2012-08-20	01:00:00"	7.1582	225	78.44	41.6	0.12189	26.462	0
"2012-08-20	02:00:00"	7.1582	225	78.44	41.6	0.10069	26.462	0
"2012-08-20	03:00:00"	7.1582	225	78.44	41.6	0.11087	26.462	0
"2012-08-20	04:00:00"	7.1582	225	78.44	41.6	0.12613	26.462	0
"2012-08-20	05:00:00"	7.1582	225	78.44	41.6	0.10005	26.462	0
"2012-08-20	06:00:00"	7.1582	225	78.44	41.6	0.12168	26.462	0
"2012-08-20	07:00:00"	7.1582	225	78.44	41.6	0.10917	26.462	0
"2012-08-20	08:00:00"	5.5414	228.04	70.109	63.542	22.774	26.533	0
"2012-08-20	09:00:00"	4.06	182.57	66.227	76.826	165.17	26.547	0
"2012-08-20	10:00:00"	4.7231	127.72	73.207	64.479	395.26	26.553	0
"2012-08-20	11:00:00"	6.4157	146.73	75.904	58.21	594.23	26.55	0
"2012-08-20	12:00:00"	5.8372	165.35	78.833	51.001	777.07	26.545	0
"2012-08-20	13:00:00"	6.4498	177.04	82.23	43.734	911.1	26.524	0
"2012-08-20	14:00:00"	7.1973	200.56	85.124	37.729	983.57	26.5	0
"2012-08-20	15:00:00"	7.9063	184.03	87.402	31.902	906.85	26.48	0
"2012-08-20	16:00:00"	7.1197	200.67	89.463	27.179	940.66	26.456	0
"2012-08-20	17:00:00"	8.2344	182.11	90.126	26.579	764.4	26.432	0
"2012-08-20	18:00:00"	11.184	167.96	90.321	26.825	576.72	26.412	0
"2012-08-20	19:00:00"	11.172	178.3	89.589	25.202	305.85	26.4	0
"2012-08-20	20:00:00"	9.543	176.55	88.478	26.466	130.41	26.406	0
"2012-08-20	21:00:00"	4.9213	225	86.72	28.7	7.2211	26.406	0
"2012-08-20	22:00:00"	4.9213	225	86.72	28.7	0.1026	26.406	0
"2012-08-20	23:00:00"	4.9213	225	86.72	28.7	0.12888	26.406	0
"2012-08-21	00:00:00"	4.9213	225	86.72	28.7	0.11765	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-21"	01:00:00"	4.9213	225	86.72	28.7	0.10811	26.406	0
"2012-08-21"	02:00:00"	4.9213	225	86.72	28.7	0.10853	26.406	0
"2012-08-21"	03:00:00"	4.9213	225	86.72	28.7	0.10345	26.406	0
"2012-08-21"	04:00:00"	4.9213	225	86.72	28.7	0.085	26.406	0
"2012-08-21"	05:00:00"	4.9213	225	86.72	28.7	0.09158	26.406	0
"2012-08-21"	06:00:00"	4.9213	225	86.72	28.7	0.11129	26.406	0
"2012-08-21"	07:00:00"	4.9213	225	86.72	28.7	0.12464	26.406	0
"2012-08-21"	08:00:00"	6.1112	213.48	82.099	40.887	12.199	26.447	0
"2012-08-21"	09:00:00"	9.164	182.9	69.011	77.301	116.22	26.459	0
"2012-08-21"	10:00:00"	8.2195	120.16	72.863	65.533	293.46	26.474	0
"2012-08-21"	11:00:00"	8.332	120.05	76.459	55.715	530.53	26.488	0
"2012-08-21"	12:00:00"	6.6493	96.177	80.112	46.53	781.67	26.497	0
"2012-08-21"	13:00:00"	7.5093	49.445	82.071	43.438	912.3	26.488	0
"2012-08-21"	14:00:00"	12.504	64.55	82.755	46.368	985.33	26.488	0
"2012-08-21"	15:00:00"	13.104	66.826	82.771	47.009	801.11	26.48	0
"2012-08-21"	16:00:00"	13.991	67.846	83.148	45.762	932.71	26.465	0
"2012-08-21"	17:00:00"	13.44	71.449	84.473	42.124	776.4	26.456	0
"2012-08-21"	18:00:00"	13.418	77.158	84.925	40.265	596.74	26.459	0
"2012-08-21"	19:00:00"	13.282	72.84	83.573	41.268	237.66	26.462	0
"2012-08-21"	20:00:00"	13.178	70.003	81.453	44.082	89.459	26.474	0
"2012-08-21"	21:00:00"	13.645	225	80.06	46	7.2749	26.474	0
"2012-08-21"	22:00:00"	13.645	225	80.06	46	0.10345	26.474	0
"2012-08-21"	23:00:00"	13.645	225	80.06	46	0.10366	26.474	0
"2012-08-22"	00:00:00"	13.645	225	80.06	46	0.12189	26.474	0
"2012-08-22"	01:00:00"	13.645	225	80.06	46	0.09391	26.474	0
"2012-08-22"	02:00:00"	13.645	225	80.06	46	0.12422	26.474	0
"2012-08-22"	03:00:00"	13.645	225	80.06	46	0.10981	26.474	0
"2012-08-22"	04:00:00"	13.645	225	80.06	46	0.10811	26.474	0
"2012-08-22"	05:00:00"	13.645	225	80.06	46	0.10705	26.474	0
"2012-08-22"	06:00:00"	13.645	225	80.06	46	0.11977	26.474	0
"2012-08-22"	07:00:00"	13.645	225	80.06	46	0.10196	26.474	0
"2012-08-22"	08:00:00"	12.524	216.08	76.233	55.687	15.468	26.536	0
"2012-08-22"	09:00:00"	9.0875	106.36	65.962	82.693	140.39	26.545	0
"2012-08-22"	10:00:00"	8.8626	94.599	68.468	75.926	368.06	26.55	0
"2012-08-22"	11:00:00"	6.3274	107.21	71.377	67.836	587.87	26.553	0
"2012-08-22"	12:00:00"	6.7729	118.52	74.599	59.336	775.27	26.547	0
"2012-08-22"	13:00:00"	5.4625	106.48	77.538	52.373	916.06	26.536	0
"2012-08-22"	14:00:00"	5.9726	117.87	80.722	45.568	1022.7	26.515	0
"2012-08-22"	15:00:00"	8.2325	140.26	83.931	40.197	1002.6	26.491	0
"2012-08-22"	16:00:00"	7.1259	138.77	86.244	35.223	915.23	26.471	0
"2012-08-22"	17:00:00"	5.0014	175.99	87.657	32.183	617.9	26.459	0
"2012-08-22"	18:00:00"	3.7469	51.012	88.555	31.201	476.27	26.441	0
"2012-08-22"	19:00:00"	5.483	100.65	88.979	30.963	267.74	26.432	0
"2012-08-22"	20:00:00"	6.223	193.57	88.288	31.137	53.472	26.432	0
"2012-08-22"	21:00:00"	6.2634	225	88.16	31.2	1.6503	26.432	0
"2012-08-22"	22:00:00"	6.2634	225	88.16	31.2	0.09412	26.432	0
"2012-08-22"	23:00:00"	6.2634	225	88.16	31.2	0.12464	26.432	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-23"	00:00:00"	6.2634	225	88.16	31.2	0.08416	26.432	0
"2012-08-23"	01:00:00"	6.2634	225	88.16	31.2	0.09984	26.432	0
"2012-08-23"	02:00:00"	6.2634	225	88.16	31.2	0.10281	26.432	0
"2012-08-23"	03:00:00"	6.2634	225	88.16	31.2	0.09327	26.432	0
"2012-08-23"	04:00:00"	6.2634	225	88.16	31.2	0.09539	26.432	0
"2012-08-23"	05:00:00"	6.2634	225	88.16	31.2	0.11277	26.432	0.03
"2012-08-23"	06:00:00"	6.2634	225	88.16	31.2	0.08797	26.432	0
"2012-08-23"	07:00:00"	6.2634	225	88.16	31.2	0.11256	26.432	0
"2012-08-23"	08:00:00"	6.246	225	88.004	31.113	6.1915	0	0
"2012-08-23"	09:00:00"	8.2077	191.38	71.794	71.637	69.331	0	0
"2012-08-23"	10:00:00"	12.243	151	73.707	65.652	214.75	26.474	0
"2012-08-23"	11:00:00"	14.033	161.68	77.155	56.828	334.94	26.474	0
"2012-08-23"	12:00:00"	14.125	166.14	79.182	52.71	292.4	26.465	0
"2012-08-23"	13:00:00"	13.682	167.54	80.049	50.482	205.56	26.465	0
"2012-08-23"	14:00:00"	11.674	162.53	83.739	43.034	480.98	26.453	0
"2012-08-23"	15:00:00"	11.654	179.18	87.601	33.55	573.59	26.435	0
"2012-08-23"	16:00:00"	10.341	180.92	88.019	31.878	382.78	26.412	0
"2012-08-23"	17:00:00"	12.12	157.49	90.254	30.336	706.02	26.376	0
"2012-08-23"	18:00:00"	12.344	165.16	90.889	28.601	493.28	26.37	0
"2012-08-23"	19:00:00"	13.627	167.21	90.487	28.657	315.44	26.358	0
"2012-08-23"	20:00:00"	12.926	147.45	88.864	30.05	83.195	26.358	0
"2012-08-23"	21:00:00"	8.053	225	87.62	32.2	3.4546	26.358	0
"2012-08-23"	22:00:00"	8.053	225	87.62	32.2	0.10938	26.358	0.09
"2012-08-23"	23:00:00"	8.053	225	87.62	32.2	0.06868	26.358	0.08
"2012-08-24"	00:00:00"	8.053	225	87.62	32.2	0.09264	26.358	0
"2012-08-24"	01:00:00"	8.053	225	87.62	32.2	0.07101	26.358	0.03
"2012-08-24"	02:00:00"	8.053	225	87.62	32.2	0.0778	26.358	0
"2012-08-24"	03:00:00"	8.053	225	87.62	32.2	0.06699	26.358	0.01
"2012-08-24"	04:00:00"	8.053	225	87.62	32.2	0.05384	26.358	0
"2012-08-24"	05:00:00"	8.053	225	87.62	32.2	0.06296	26.358	0
"2012-08-24"	06:00:00"	8.053	225	87.62	32.2	0.07123	26.358	0
"2012-08-24"	07:00:00"	8.053	225	87.62	32.2	0.05193	26.358	0
"2012-08-24"	08:00:00"	7.5012	223.87	82.588	45.378	15.496	26.4	0
"2012-08-24"	09:00:00"	4.3216	227.45	68.983	84.599	126.41	26.412	0
"2012-08-24"	10:00:00"	4.6497	223.63	72.096	77.459	296.92	26.412	0
"2012-08-24"	11:00:00"	8.1288	218.59	76.02	64.713	559.75	26.412	0
"2012-08-24"	12:00:00"	8.299	211.76	78.584	58.374	778.78	26.406	0
"2012-08-24"	13:00:00"	8.4593	194.56	81.19	53.291	892.33	26.391	0
"2012-08-24"	14:00:00"	7.3477	198.68	84.099	45.816	987.94	26.367	0
"2012-08-24"	15:00:00"	7.8199	187.42	86.828	40.021	979.42	26.344	0
"2012-08-24"	16:00:00"	9.1286	203.45	89.011	36.08	913.91	26.32	0
"2012-08-24"	17:00:00"	10.907	213.53	91.313	30.524	791	26.296	0
"2012-08-24"	18:00:00"	8.931	231.93	92.984	25.477	528.38	26.276	0
"2012-08-24"	19:00:00"	11.429	227.43	92.23	25.334	281.29	26.279	0
"2012-08-24"	20:00:00"	9.5455	212.92	91.27	26.746	168.65	26.27	0
"2012-08-24"	21:00:00"	10.961	225	90.32	27.3	13.395	26.27	0
"2012-08-24"	22:00:00"	10.961	225	90.32	27.3	0.10514	26.27	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-24	23:00:00"	10.961	225	90.32	27.3	0.09942	26.27	0
"2012-08-25	00:00:00"	10.961	225	90.32	27.3	0.09687	26.27	0
"2012-08-25	01:00:00"	10.961	225	90.32	27.3	0.08182	26.27	0
"2012-08-25	02:00:00"	10.961	225	90.32	27.3	0.09645	26.27	0
"2012-08-25	03:00:00"	10.961	225	90.32	27.3	0.09878	26.27	0
"2012-08-25	04:00:00"	10.961	225	90.32	27.3	0.11722	26.27	0
"2012-08-25	05:00:00"	10.961	225	90.32	27.3	0.07928	26.27	0
"2012-08-25	06:00:00"	10.961	225	90.32	27.3	0.10133	26.27	0
"2012-08-25	07:00:00"	10.961	225	90.32	27.3	0.12613	26.27	0
"2012-08-25	08:00:00"	10.043	218.27	84.826	39.482	18.739	26.332	0
"2012-08-25	09:00:00"	9.9575	199.07	70.557	71.877	161.09	26.332	0
"2012-08-25	10:00:00"	9.9829	207.03	75.369	58.443	377.59	26.341	0
"2012-08-25	11:00:00"	10.273	218.9	79.788	46.653	594.55	26.344	0
"2012-08-25	12:00:00"	7.3514	216.34	83.816	38.667	778.4	26.347	0
"2012-08-25	13:00:00"	7.2464	208.94	86.75	32.284	910.26	26.347	0
"2012-08-25	14:00:00"	6.4219	205.48	89.176	27.845	984.46	26.335	0
"2012-08-25	15:00:00"	5.0101	227.27	91.437	24.28	928.21	26.323	0
"2012-08-25	16:00:00"	7.7125	156.94	92.311	23.651	986.07	26.302	0
"2012-08-25	17:00:00"	7.1986	145.29	92.133	23.616	433.79	26.288	0
"2012-08-25	18:00:00"	5.496	11.054	92.398	23.529	406.99	26.285	0
"2012-08-25	19:00:00"	3.6593	346.15	92.755	23.411	294.54	26.288	0
"2012-08-25	20:00:00"	4.4614	78.422	91.618	23.257	84.306	26.296	0
"2012-08-25	21:00:00"	3.8028	225	91.04	24.5	3.8358	26.296	0
"2012-08-25	22:00:00"	3.8028	225	91.04	24.5	0.08818	26.296	0
"2012-08-25	23:00:00"	3.8028	225	91.04	24.5	0.0903	26.296	0
"2012-08-26	00:00:00"	3.8028	225	91.04	24.5	0.10684	26.296	0
"2012-08-26	01:00:00"	3.8028	225	91.04	24.5	0.11807	26.296	0
"2012-08-26	02:00:00"	3.8028	225	91.04	24.5	0.08797	26.296	0
"2012-08-26	03:00:00"	3.8028	225	91.04	24.5	0.08416	26.296	0
"2012-08-26	04:00:00"	3.8028	225	91.04	24.5	0.10408	26.296	0
"2012-08-26	05:00:00"	3.8028	225	91.04	24.5	0.10705	26.296	0
"2012-08-26	06:00:00"	3.8028	225	91.04	24.5	0.10069	26.296	0
"2012-08-26	07:00:00"	3.8028	225	91.04	24.5	0.10048	26.296	0
"2012-08-26	08:00:00"	3.7922	225	90.876	24.432	18.777	0	0
"2012-08-26	09:00:00"	9.3131	86.642	71.979	67.584	163.04	26.477	0
"2012-08-26	10:00:00"	10.48	106	75.498	56.585	364.36	26.491	0
"2012-08-26	11:00:00"	10.699	122.64	77.119	56.399	539.65	26.5	0
"2012-08-26	12:00:00"	8.9825	135.06	80.116	50.918	778.02	26.512	0
"2012-08-26	13:00:00"	7.8044	130.01	83.341	46.136	867.09	26.506	0
"2012-08-26	14:00:00"	8.6774	117.56	85.71	42.447	953.69	26.5	0
"2012-08-26	15:00:00"	8.368	106.32	86.984	40.32	685.71	26.483	0
"2012-08-26	16:00:00"	14.104	105.48	84.427	43.634	640.66	26.468	0
"2012-08-26	17:00:00"	13.423	114.52	82.534	45.188	749.71	26.45	0
"2012-08-26	18:00:00"	10.199	101.21	85.875	40.657	664.62	26.453	0
"2012-08-26	19:00:00"	10.207	86.828	87.703	37.594	422.38	26.441	0
"2012-08-26	20:00:00"	10.202	182.13	86.963	36.97	67.161	0	0
"2012-08-26	21:00:00"	12.529	182.24	79.839	51.759	6.702	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-26	22:00:00"	12.303	225	79.52	52.4	0.08712	26.483	0
"2012-08-26	23:00:00"	12.303	225	79.52	52.4	0.08797	26.483	0
"2012-08-27	00:00:00"	12.303	225	79.52	52.4	0.11913	26.483	0
"2012-08-27	01:00:00"	12.303	225	79.52	52.4	0.11701	26.483	0
"2012-08-27	02:00:00"	12.303	225	79.52	52.4	0.07313	26.483	0
"2012-08-27	03:00:00"	12.303	225	79.52	52.4	0.09921	26.483	0
"2012-08-27	04:00:00"	12.303	225	79.52	52.4	0.11235	26.483	0
"2012-08-27	05:00:00"	12.303	225	79.52	52.4	0.11871	26.483	0
"2012-08-27	06:00:00"	12.303	225	79.52	52.4	0.10472	26.483	0
"2012-08-27	07:00:00"	12.303	225	79.52	52.4	0.09921	26.483	0
"2012-08-27	08:00:00"	12.269	225	79.388	52.255	15.422	0	0
"2012-08-27	09:00:00"	7.3987	40.58	68.54	79.512	150.78	26.615	0
"2012-08-27	10:00:00"	8.5414	57.061	73.459	68.504	291.93	26.63	0
"2012-08-27	11:00:00"	9.5741	82.587	76.025	61.966	581.47	26.639	0
"2012-08-27	12:00:00"	6.6207	94.462	79.147	53.879	717.93	26.639	0
"2012-08-27	13:00:00"	5.7017	46.106	81.293	48.974	484.01	26.627	0
"2012-08-27	14:00:00"	7.6385	76.175	83.95	41.858	950.56	26.601	0
"2012-08-27	15:00:00"	8.4103	57.062	85.347	38.318	748.74	26.574	0
"2012-08-27	16:00:00"	10.017	55.532	86.154	38.131	664.36	26.556	0
"2012-08-27	17:00:00"	11.409	70.818	87.523	34.707	632.8	26.547	0
"2012-08-27	18:00:00"	11.72	74.82	88.46	31.036	583.46	26.53	0
"2012-08-27	19:00:00"	12.253	80.963	88.099	29.645	342.41	26.536	0
"2012-08-27	20:00:00"	12.195	83.739	87.294	27.08	174.22	26.539	0
"2012-08-27	21:00:00"	12.974	225	86.18	26.6	12.133	26.539	0
"2012-08-27	22:00:00"	12.974	225	86.18	26.6	0.10111	26.539	0
"2012-08-27	23:00:00"	12.974	225	86.18	26.6	0.13482	26.539	0
"2012-08-28	00:00:00"	12.974	225	86.18	26.6	0.10387	26.539	0
"2012-08-28	01:00:00"	12.974	225	86.18	26.6	0.12337	26.539	0
"2012-08-28	02:00:00"	12.974	225	86.18	26.6	0.08543	26.539	0
"2012-08-28	03:00:00"	12.974	225	86.18	26.6	0.11468	26.539	0
"2012-08-28	04:00:00"	12.974	225	86.18	26.6	0.08818	26.539	0
"2012-08-28	05:00:00"	12.974	225	86.18	26.6	0.09963	26.539	0
"2012-08-28	06:00:00"	12.974	225	86.18	26.6	0.10557	26.539	0
"2012-08-28	07:00:00"	12.974	225	86.18	26.6	0.12867	26.539	0
"2012-08-28	08:00:00"	11.709	227.58	80.515	40.094	15.585	26.609	0
"2012-08-28	09:00:00"	8.9073	354.25	66.42	77.89	148.14	26.624	0
"2012-08-28	10:00:00"	9.2752	41.005	73.133	62.448	361.45	26.63	0
"2012-08-28	11:00:00"	9.1696	55.115	76.903	54.092	578.05	26.639	0
"2012-08-28	12:00:00"	7.7087	62.49	79.59	47.579	771.4	26.627	0
"2012-08-28	13:00:00"	9.8543	24.917	81.825	41.492	744.75	26.607	0
"2012-08-28	14:00:00"	12.131	30.694	84.531	32.106	980.38	26.583	0
"2012-08-28	15:00:00"	12.392	35.079	86.252	25.346	983.76	26.565	0
"2012-08-28	16:00:00"	12.691	32.792	87.265	22.65	909.08	26.536	0
"2012-08-28	17:00:00"	12.246	49.571	87.816	20.006	785.25	26.524	0
"2012-08-28	18:00:00"	12.235	53.998	87.888	18.146	599.88	26.506	0
"2012-08-28	19:00:00"	10.957	57.78	87.369	19.393	378.62	26.497	0
"2012-08-28	20:00:00"	10.299	79.971	85.516	20.533	153.23	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-28	21:00:00"	7.3819	225	84.38	22.4	9.3118	26.497	0
"2012-08-28	22:00:00"	7.3819	225	84.38	22.4	0.10832	26.497	0
"2012-08-28	23:00:00"	7.3819	225	84.38	22.4	0.14796	26.497	0
"2012-08-29	00:00:00"	7.3819	225	84.38	22.4	0.1486	26.497	0
"2012-08-29	01:00:00"	7.3819	225	84.38	22.4	0.09009	26.497	0
"2012-08-29	02:00:00"	7.3819	225	84.38	22.4	0.15263	26.497	0
"2012-08-29	03:00:00"	7.3819	225	84.38	22.4	0.09899	26.497	0
"2012-08-29	04:00:00"	7.3819	225	84.38	22.4	0.10747	26.497	0
"2012-08-29	05:00:00"	7.3819	225	84.38	22.4	0.12019	26.497	0
"2012-08-29	06:00:00"	7.3819	225	84.38	22.4	0.14097	26.497	0
"2012-08-29	07:00:00"	7.3819	225	84.38	22.4	0.09221	26.497	0
"2012-08-29	08:00:00"	7.2023	231.38	79.312	32.801	19.109	26.53	0
"2012-08-29	09:00:00"	7.1799	34.264	67.431	57.812	149.44	26.542	0
"2012-08-29	10:00:00"	6.566	60.896	73.282	51.028	393.78	26.55	0
"2012-08-29	11:00:00"	5.0486	66.461	77.329	51.06	552.13	26.55	0
"2012-08-29	12:00:00"	6.4728	43.937	79.444	46.78	668.92	26.542	0
"2012-08-29	13:00:00"	6.9724	21.77	81.697	36.752	765.42	26.524	0
"2012-08-29	14:00:00"	8.6209	9.0827	83.263	32.155	809.53	26.5	0
"2012-08-29	15:00:00"	7.5043	66.115	85.121	25.538	958.48	26.48	0
"2012-08-29	16:00:00"	8.2238	32.485	86.534	19.554	757.3	26.459	0
"2012-08-29	17:00:00"	6.6443	24.066	86.342	19.27	496.42	26.441	0
"2012-08-29	18:00:00"	7.71	42.565	87.401	15.67	615.1	26.429	0
"2012-08-29	19:00:00"	7.8231	29.743	87.279	13.81	371.62	26.426	0
"2012-08-29	20:00:00"	5.9179	264.71	84.91	15.621	58.816	26.42	0
"2012-08-29	21:00:00"	4.9213	225	84.2	16.1	5.3198	26.42	0
"2012-08-29	22:00:00"	4.9213	225	84.2	16.1	0.09836	26.42	0
"2012-08-29	23:00:00"	4.9213	225	84.2	16.1	0.10684	26.42	0
"2012-08-30	00:00:00"	4.9213	225	84.2	16.1	0.1469	26.42	0
"2012-08-30	01:00:00"	4.9213	225	84.2	16.1	0.10451	26.42	0
"2012-08-30	02:00:00"	4.9213	225	84.2	16.1	0.13037	26.42	0
"2012-08-30	03:00:00"	4.9213	225	84.2	16.1	0.11659	26.42	0
"2012-08-30	04:00:00"	4.9213	225	84.2	16.1	0.08352	26.42	0
"2012-08-30	05:00:00"	4.9213	225	84.2	16.1	0.12613	26.42	0
"2012-08-30	06:00:00"	4.9213	225	84.2	16.1	0.10726	26.42	0
"2012-08-30	07:00:00"	4.9213	225	84.2	16.1	0.11532	26.42	0
"2012-08-30	08:00:00"	4.385	267.8	72.829	32.353	32.105	26.471	0
"2012-08-30	09:00:00"	6.1323	353.25	66.602	42.76	192.75	26.488	0
"2012-08-30	10:00:00"	8.2462	24.654	72.63	34.995	393.79	26.491	0
"2012-08-30	11:00:00"	6.1373	25.577	78.229	27.607	611.01	26.497	0
"2012-08-30	12:00:00"	3.6922	106.92	81.24	22.04	795.79	26.491	0
"2012-08-30	13:00:00"	4.6068	344.28	82.907	20.584	763.92	26.48	0
"2012-08-30	14:00:00"	5.4413	45.585	84.403	19.014	1004.7	26.456	0
"2012-08-30	15:00:00"	6.0683	63.747	86.173	17.851	999.67	26.438	0
"2012-08-30	16:00:00"	7.1756	9.8419	87.567	16.853	854.92	26.415	0
"2012-08-30	17:00:00"	6.095	28.176	88.153	15.882	730.61	26.394	0
"2012-08-30	18:00:00"	7.1147	15.485	89.096	15.337	602.75	26.388	0
"2012-08-30	19:00:00"	5.903	21.798	88.51	15.219	341.62	26.382	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-08-30"	20:00:00"	5.9869	67.813	86.487	16.728	95.022	26.385	0
"2012-08-30"	21:00:00"	6.4871	225	85.64	18.6	9.3532	26.385	0
"2012-08-30"	22:00:00"	6.4871	225	85.64	18.6	0.10599	26.385	0
"2012-08-30"	23:00:00"	6.4871	225	85.64	18.6	0.12888	26.385	0
"2012-08-31"	00:00:00"	6.4871	225	85.64	18.6	0.15708	26.385	0
"2012-08-31"	01:00:00"	6.4871	225	85.64	18.6	0.11002	26.385	0
"2012-08-31"	02:00:00"	6.4871	225	85.64	18.6	0.13503	26.385	0
"2012-08-31"	03:00:00"	6.4871	225	85.64	18.6	0.12168	26.385	0
"2012-08-31"	04:00:00"	6.4871	225	85.64	18.6	0.12295	26.385	0
"2012-08-31"	05:00:00"	6.4871	225	85.64	18.6	0.09327	26.385	0
"2012-08-31"	06:00:00"	6.4871	225	85.64	18.6	0.10217	26.385	0
"2012-08-31"	07:00:00"	6.4871	225	85.64	18.6	0.14817	26.385	0
"2012-08-31"	08:00:00"	6.4691	225	85.491	18.548	16.585	0	0
"2012-08-31"	09:00:00"	2.2183	39.765	68.37	44.523	151.69	26.512	0
"2012-08-31"	10:00:00"	2.8509	117.62	77.941	33.917	372.91	26.524	0
"2012-08-31"	11:00:00"	4.1178	134.82	82.837	28.742	596.22	26.536	0
"2012-08-31"	12:00:00"	3.7028	92.227	85.551	21.717	785.53	26.533	0
"2012-08-31"	13:00:00"	6.164	99.976	86.292	18.746	923.97	26.521	0
"2012-08-31"	14:00:00"	5.8508	105.31	87.567	17.07	993.51	26.503	0
"2012-08-31"	15:00:00"	7.0041	120.53	88.802	15.596	993.43	26.488	0
"2012-08-31"	16:00:00"	7.2881	119.58	90.201	14.799	922.25	26.474	0
"2012-08-31"	17:00:00"	6.1572	133.86	90.55	13.645	783.42	26.465	0
"2012-08-31"	18:00:00"	5.8931	198.97	91.515	13.552	594.88	26.459	0
"2012-08-31"	19:00:00"	6.2802	145.26	90.535	16.108	369.09	26.459	0
"2012-08-31"	20:00:00"	7.1265	168.65	89.228	17.531	127.75	26.459	0
"2012-08-31"	21:00:00"	4.2502	225	88.16	18.9	6.0435	26.459	0
"2012-08-31"	22:00:00"	4.2502	225	88.16	18.9	0.0831	26.459	0
"2012-08-31"	23:00:00"	4.2502	225	88.16	18.9	0.11235	26.459	0
"2012-09-01"	00:00:00"	4.2502	225	88.16	18.9	0.11553	26.459	0
"2012-09-01"	01:00:00"	4.2502	225	88.16	18.9	0.10111	26.459	0
"2012-09-01"	02:00:00"	4.2502	225	88.16	18.9	0.09327	26.459	0
"2012-09-01"	03:00:00"	4.2502	225	88.16	18.9	0.12189	26.459	0
"2012-09-01"	04:00:00"	4.2502	225	88.16	18.9	0.09539	26.459	0
"2012-09-01"	05:00:00"	4.2502	225	88.16	18.9	0.09454	26.459	0
"2012-09-01"	06:00:00"	4.2502	225	88.16	18.9	0.08924	26.459	0
"2012-09-01"	07:00:00"	4.2502	225	88.16	18.9	0.08628	26.459	0
"2012-09-01"	08:00:00"	4.2384	225	88.004	18.847	11.473	0	0
"2012-09-01"	09:00:00"	3.8624	186.37	72.622	55.907	123.86	26.565	0
"2012-09-01"	10:00:00"	8.1002	190.16	76.803	55.453	363.93	26.568	0
"2012-09-01"	11:00:00"	8.6557	195.26	80.935	47.928	584.34	26.577	0
"2012-09-01"	12:00:00"	8.3891	174.16	84.313	40.5	770.86	26.574	0
"2012-09-01"	13:00:00"	8.0679	157.74	88.027	27.082	781.27	26.562	0
"2012-09-01"	14:00:00"	8.217	145.96	89.593	21.441	734.38	26.542	0
"2012-09-01"	15:00:00"	10.118	164.65	90.587	20.97	592.71	26.527	0
"2012-09-01"	16:00:00"	9.0055	156.57	90.576	22.378	681.83	26.503	0
"2012-09-01"	17:00:00"	8.3972	145.72	91.553	21.562	570.24	26.485	0
"2012-09-01"	18:00:00"	9.443	155.91	91.611	21.725	462.67	26.48	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-01	19:00:00"	12.232	126.81	91.801	22.91	390.11	26.48	0
"2012-09-01	20:00:00"	10.186	154.23	89.548	25.087	106.58	26.477	0
"2012-09-01	21:00:00"	7.8293	225	88.34	26.2	4.9236	26.477	0
"2012-09-01	22:00:00"	7.8293	225	88.34	26.2	0.10853	26.477	0
"2012-09-01	23:00:00"	7.8293	225	88.34	26.2	0.10451	26.477	0
"2012-09-02	00:00:00"	7.8293	225	88.34	26.2	0.11341	26.477	0
"2012-09-02	01:00:00"	7.8293	225	88.34	26.2	0.13164	26.477	0
"2012-09-02	02:00:00"	7.8293	225	88.34	26.2	0.11956	26.477	0
"2012-09-02	03:00:00"	7.8293	225	88.34	26.2	0.10981	26.477	0
"2012-09-02	04:00:00"	7.8293	225	88.34	26.2	0.11256	26.477	0
"2012-09-02	05:00:00"	7.8293	225	88.34	26.2	0.12719	26.477	0
"2012-09-02	06:00:00"	7.8293	225	88.34	26.2	0.07907	26.477	0
"2012-09-02	07:00:00"	7.8293	225	88.34	26.2	0.10387	26.477	0
"2012-09-02	08:00:00"	7.8075	225	88.183	26.127	13.861	0	0
"2012-09-02	09:00:00"	7.5006	149.92	72.357	66.027	144.02	26.527	0
"2012-09-02	10:00:00"	10.825	165.96	76.424	60.223	358.49	26.539	0
"2012-09-02	11:00:00"	10.56	179.13	80.476	51.87	577.24	26.545	0
"2012-09-02	12:00:00"	9.2727	175.19	83.7	44.536	761.92	26.533	0
"2012-09-02	13:00:00"	9.8624	147.62	86.939	35.45	896.82	26.512	0
"2012-09-02	14:00:00"	10.381	159.36	89.042	30.604	967.09	26.488	0
"2012-09-02	15:00:00"	9.6747	150.24	90.992	26.719	918.13	26.477	0
"2012-09-02	16:00:00"	9.4765	154.01	91.899	25.082	854.71	26.45	0
"2012-09-02	17:00:00"	8.34	161.86	93.485	22.105	845.34	26.435	0
"2012-09-02	18:00:00"	7.2408	158.01	93.707	20.406	625.54	26.426	0
"2012-09-02	19:00:00"	7.2004	171.43	93.78	20.606	366.58	26.418	0
"2012-09-02	20:00:00"	7.4223	201.32	92.07	23.67	113.47	0	0
"2012-09-02	21:00:00"	7.4123	190.83	88.793	29.181	4.3449	26.42	0
"2012-09-02	22:00:00"	6.4871	225	88.34	29.7	0.13609	26.42	0
"2012-09-02	23:00:00"	6.4871	225	88.34	29.7	0.10472	26.42	0
"2012-09-03	00:00:00"	6.4871	225	88.34	29.7	0.12316	26.42	0
"2012-09-03	01:00:00"	6.4871	225	88.34	29.7	0.09221	26.42	0
"2012-09-03	02:00:00"	6.4871	225	88.34	29.7	0.07356	26.42	0
"2012-09-03	03:00:00"	6.4871	225	88.34	29.7	0.08649	26.42	0
"2012-09-03	04:00:00"	6.4871	225	88.34	29.7	0.09052	26.42	0
"2012-09-03	05:00:00"	6.4871	225	88.34	29.7	0.11362	26.42	0
"2012-09-03	06:00:00"	6.4871	225	88.34	29.7	0.11977	26.42	0
"2012-09-03	07:00:00"	6.4871	225	88.34	29.7	0.09857	26.42	0
"2012-09-03	08:00:00"	6.4871	225	88.34	29.7	13.328	26.42	0
"2012-09-03	09:00:00"	5.442	155.81	77.391	54.704	139.27	26.48	0
"2012-09-03	10:00:00"	7.3794	151	77.722	56.184	350.24	26.483	0
"2012-09-03	11:00:00"	7.0973	170.47	81.904	48.401	569.15	26.488	0
"2012-09-03	12:00:00"	5.9533	195.33	87.248	37.571	753.72	26.483	0
"2012-09-03	13:00:00"	4.7056	170.34	90.562	30.728	891.85	26.471	0
"2012-09-03	14:00:00"	4.3434	167.37	93.41	24.811	980.06	26.453	0
"2012-09-03	15:00:00"	5.849	197.41	95.558	21.076	1027.2	26.432	0
"2012-09-03	16:00:00"	5.9726	215.09	96.647	19.559	885.46	26.403	0
"2012-09-03	17:00:00"	4.595	286.86	97.245	18.163	495.28	26.385	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-03	18:00:00"	5.9484	144.79	97.199	18.359	526.09	26.373	0
"2012-09-03	19:00:00"	5.0163	112.86	96.997	18.672	306.76	26.37	0
"2012-09-03	20:00:00"	7.4726	212.47	96.028	19.206	99.418	26.37	0
"2012-09-03	21:00:00"	7.1582	225	96.08	19.3	2.3566	26.37	0
"2012-09-03	22:00:00"	7.1582	225	96.08	19.3	0.09751	26.37	0
"2012-09-03	23:00:00"	7.1582	225	96.08	19.3	0.11892	26.37	0
"2012-09-04	00:00:00"	7.1582	225	96.08	19.3	0.08882	26.37	0
"2012-09-04	01:00:00"	7.1582	225	96.08	19.3	0.10641	26.37	0
"2012-09-04	02:00:00"	7.1582	225	96.08	19.3	0.13418	26.37	0
"2012-09-04	03:00:00"	7.1582	225	96.08	19.3	0.09221	26.37	0
"2012-09-04	04:00:00"	7.1582	225	96.08	19.3	0.10451	26.37	0
"2012-09-04	05:00:00"	7.1582	225	96.08	19.3	0.09942	26.37	0
"2012-09-04	06:00:00"	7.1582	225	96.08	19.3	0.10048	26.37	0
"2012-09-04	07:00:00"	7.1582	225	96.08	19.3	0.11108	26.37	0
"2012-09-04	08:00:00"	7.1383	225	95.902	19.246	11.563	0	0
"2012-09-04	09:00:00"	4.6132	177.82	75.095	54.013	134.55	26.441	0
"2012-09-04	10:00:00"	9.1037	181.88	80.198	44.446	349.79	26.45	0
"2012-09-04	11:00:00"	7.8069	183.41	84.108	36.692	566.9	26.459	0
"2012-09-04	12:00:00"	6.2566	180.34	87.653	31.141	751.42	26.456	0
"2012-09-04	13:00:00"	4.303	174.48	91.344	25.788	883.45	26.438	0
"2012-09-04	14:00:00"	4.5037	172.51	94.604	22.054	950.21	26.415	0
"2012-09-04	15:00:00"	5.8353	159.41	96.695	19.682	948.26	26.394	0
"2012-09-04	16:00:00"	6.2423	185.73	98.381	17.993	889.87	26.367	0
"2012-09-04	17:00:00"	8.3562	160.78	98.856	17.285	767.04	26.35	0
"2012-09-04	18:00:00"	6.3181	175.81	98.808	17.08	562.31	26.341	0
"2012-09-04	19:00:00"	8.432	164.04	98.169	17.713	245.97	26.338	0
"2012-09-04	20:00:00"	8.4997	215.48	96.429	18.581	43.214	26.335	0
"2012-09-04	21:00:00"	8.5003	225	96.26	18.9	1.3774	26.335	0
"2012-09-04	22:00:00"	8.5003	225	96.26	18.9	0.1168	26.335	0
"2012-09-04	23:00:00"	8.5003	225	96.26	18.9	0.08903	26.335	0
"2012-09-05	00:00:00"	8.5003	225	96.26	18.9	0.10832	26.335	0
"2012-09-05	01:00:00"	8.5003	225	96.26	18.9	0.09221	26.335	0
"2012-09-05	02:00:00"	8.5003	225	96.26	18.9	0.09857	26.335	0
"2012-09-05	03:00:00"	8.5003	225	96.26	18.9	0.10196	26.335	0
"2012-09-05	04:00:00"	8.5003	225	96.26	18.9	0.09073	26.335	0
"2012-09-05	05:00:00"	8.5003	225	96.26	18.9	0.11404	26.335	0
"2012-09-05	06:00:00"	8.5003	225	96.26	18.9	0.09433	26.335	0
"2012-09-05	07:00:00"	8.5003	225	96.26	18.9	0.08903	26.335	0
"2012-09-05	08:00:00"	8.4767	225	96.081	18.847	8.7772	0	0
"2012-09-05	09:00:00"	5.1852	221.6	75.627	51.174	118.69	26.406	0
"2012-09-05	10:00:00"	9.9332	189.08	80.078	43.879	271.19	26.415	0
"2012-09-05	11:00:00"	8.0144	195.76	84.908	37.12	546.62	26.42	0
"2012-09-05	12:00:00"	4.367	219.31	89.292	30.282	581.74	26.415	0
"2012-09-05	13:00:00"	3.5797	121.77	93.43	24.856	951.52	26.403	0
"2012-09-05	14:00:00"	5.2904	166.88	96.35	20.854	1028.7	26.385	0
"2012-09-05	15:00:00"	5.3904	196.73	98.5	18.341	1056.8	26.364	0
"2012-09-05	16:00:00"	6.6319	126.98	98.259	18.69	545.24	26.338	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-05	17:00:00"	6.955	74.106	96.129	22.165	271.36	26.323	0
"2012-09-05	18:00:00"	13.335	358.97	87.33	33.733	68.248	26.32	0.24
"2012-09-05	19:00:00"	9.1702	216.95	88.501	31.168	88.615	26.326	0
"2012-09-05	20:00:00"	8.9502	214.72	88.133	28.506	82.431	26.314	0
"2012-09-05	21:00:00"	11.376	202.35	83.213	38.303	11.381	26.367	0
"2012-09-05	22:00:00"	11.408	225	79.52	46.5	0.08946	26.367	0.02
"2012-09-05	23:00:00"	11.408	225	79.52	46.5	0.0973	26.367	0.08
"2012-09-06	00:00:00"	11.408	225	79.52	46.5	0.05448	26.367	0.11
"2012-09-06	01:00:00"	11.408	225	79.52	46.5	0.0619	26.367	0
"2012-09-06	02:00:00"	11.408	225	79.52	46.5	0.06826	26.367	0.02
"2012-09-06	03:00:00"	11.408	225	79.52	46.5	0.07695	26.367	0.01
"2012-09-06	04:00:00"	11.408	225	79.52	46.5	0.11044	26.367	0
"2012-09-06	05:00:00"	11.408	225	79.52	46.5	0.0797	26.367	0
"2012-09-06	06:00:00"	11.408	225	79.52	46.5	0.09115	26.367	0
"2012-09-06	07:00:00"	11.408	225	79.52	46.5	0.09391	26.367	0
"2012-09-06	08:00:00"	11.408	225	79.52	46.5	13.172	26.367	0
"2012-09-06	09:00:00"	4.2819	285.41	73.95	61.771	144.63	26.494	0
"2012-09-06	10:00:00"	3.1814	87.175	75.507	57.921	339.6	26.503	0
"2012-09-06	11:00:00"	3.6885	80.522	78.572	49.831	550.3	26.515	0
"2012-09-06	12:00:00"	3.3237	147.99	81.73	43.216	732.45	26.509	0
"2012-09-06	13:00:00"	5.4867	166.17	83.936	40.408	861.18	26.5	0
"2012-09-06	14:00:00"	5.6315	160.77	85.447	38.643	927.09	26.483	0
"2012-09-06	15:00:00"	6.9575	138.54	86.749	37.312	923.15	26.465	0
"2012-09-06	16:00:00"	9.3622	149.58	88.158	36.183	850.4	26.438	0
"2012-09-06	17:00:00"	11.111	143.94	89.204	33.348	743.42	26.42	0
"2012-09-06	18:00:00"	10.114	146.45	89.929	32.111	511.36	26.409	0
"2012-09-06	19:00:00"	9.7704	146.08	90.206	30.955	313.01	26.4	0
"2012-09-06	20:00:00"	7.0494	197.7	89.76	30.653	99.779	26.397	0
"2012-09-06	21:00:00"	5.5923	225	89.6	31.5	1.6518	26.397	0
"2012-09-06	22:00:00"	5.5923	225	89.6	31.5	0.0867	26.397	0
"2012-09-06	23:00:00"	5.5923	225	89.6	31.5	0.11807	26.397	0
"2012-09-07	00:00:00"	5.5923	225	89.6	31.5	0.14054	26.397	0
"2012-09-07	01:00:00"	5.5923	225	89.6	31.5	0.11362	26.397	0
"2012-09-07	02:00:00"	5.5923	225	89.6	31.5	0.08288	26.397	0
"2012-09-07	03:00:00"	5.5923	225	89.6	31.5	0.1257	26.397	0
"2012-09-07	04:00:00"	5.5923	225	89.6	31.5	0.11129	26.397	0
"2012-09-07	05:00:00"	5.5923	225	89.6	31.5	0.13397	26.397	0
"2012-09-07	06:00:00"	5.5923	225	89.6	31.5	0.10514	26.397	0
"2012-09-07	07:00:00"	5.5923	225	89.6	31.5	0.11934	26.397	0
"2012-09-07	08:00:00"	5.5768	225	89.44	31.413	11.675	0	0
"2012-09-07	09:00:00"	4.8778	193.09	72.262	50.449	134.08	26.447	0
"2012-09-07	10:00:00"	6.53	185.77	76.818	44.799	345.23	26.45	0
"2012-09-07	11:00:00"	5.9763	198.89	81.727	38.125	562.93	26.459	0
"2012-09-07	12:00:00"	5.2872	185.64	85.796	35.228	744.67	26.45	0
"2012-09-07	13:00:00"	5.7284	174.66	90.362	28.691	875.06	26.438	0
"2012-09-07	14:00:00"	7.398	178.48	92.884	26.17	942.19	26.42	0
"2012-09-07	15:00:00"	7.8585	161.4	93.787	24.601	942.38	26.397	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-07	16:00:00"	8.5892	170.54	95.296	21.303	873.58	26.373	0
"2012-09-07	17:00:00"	9.4107	169.92	95.818	19.535	739.87	26.364	0
"2012-09-07	18:00:00"	8.8502	143.73	95.868	18.909	579.07	26.373	0
"2012-09-07	19:00:00"	11.425	56.982	90.4	27.781	226.27	26.391	0
"2012-09-07	20:00:00"	10.558	238.32	85.146	35.748	45.718	26.409	0
"2012-09-07	21:00:00"	9.1714	225	83.48	38.7	0.76779	26.409	0
"2012-09-07	22:00:00"	9.1714	225	83.48	38.7	0.08522	26.409	0
"2012-09-07	23:00:00"	9.1714	225	83.48	38.7	0.09285	26.409	0
"2012-09-08	00:00:00"	9.1714	225	83.48	38.7	0.10599	26.409	0
"2012-09-08	01:00:00"	9.1714	225	83.48	38.7	0.12464	26.409	0
"2012-09-08	02:00:00"	9.1714	225	83.48	38.7	0.11744	26.409	0
"2012-09-08	03:00:00"	9.1714	225	83.48	38.7	0.12104	26.409	0
"2012-09-08	04:00:00"	9.1714	225	83.48	38.7	0.08967	26.409	0
"2012-09-08	05:00:00"	9.1714	225	83.48	38.7	0.10217	26.409	0
"2012-09-08	06:00:00"	9.1714	225	83.48	38.7	0.12168	26.409	0
"2012-09-08	07:00:00"	9.1714	225	83.48	38.7	0.1204	26.409	0
"2012-09-08	08:00:00"	9.1714	225	83.48	38.7	3.5759	26.409	0
"2012-09-08	09:00:00"	9.1459	225	83.337	38.593	43.297	0	0
"2012-09-08	10:00:00"	11.221	40.892	62.725	53.739	115.47	26.736	0
"2012-09-08	11:00:00"	11.512	32.061	64.495	52.133	394.66	26.745	0
"2012-09-08	12:00:00"	13.288	43.273	65.85	45.452	378.09	26.745	0
"2012-09-08	13:00:00"	11.762	47.644	67.072	42.255	412.15	26.739	0
"2012-09-08	14:00:00"	10.937	35.997	68.076	39.562	479.79	26.725	0
"2012-09-08	15:00:00"	10.664	36.837	69.451	38.208	847.72	26.71	0
"2012-09-08	16:00:00"	11.23	17.102	71.317	35.263	967.85	26.686	0
"2012-09-08	17:00:00"	11.766	24.914	70.327	33.931	550.61	26.674	0
"2012-09-08	18:00:00"	10.234	31.184	68.541	37.233	256.76	26.666	0
"2012-09-08	19:00:00"	9.8083	17.996	67.614	41.717	139.78	26.669	0
"2012-09-08	20:00:00"	9.1031	268.21	66.763	44.472	30.546	26.663	0
"2012-09-08	21:00:00"	8.9478	225	66.56	44.8	0.39683	26.663	0
"2012-09-08	22:00:00"	8.9478	225	66.56	44.8	0.13694	26.663	0
"2012-09-08	23:00:00"	8.9478	225	66.56	44.8	0.12295	26.663	0
"2012-09-09	00:00:00"	8.9478	225	66.56	44.8	0.12125	26.663	0
"2012-09-09	01:00:00"	8.9478	225	66.56	44.8	0.08712	26.663	0
"2012-09-09	02:00:00"	8.9478	225	66.56	44.8	0.11404	26.663	0
"2012-09-09	03:00:00"	8.9478	225	66.56	44.8	0.13482	26.663	0
"2012-09-09	04:00:00"	8.9478	225	66.56	44.8	0.13397	26.663	0
"2012-09-09	05:00:00"	8.9478	225	66.56	44.8	0.10366	26.663	0
"2012-09-09	06:00:00"	8.9478	225	66.56	44.8	0.12401	26.663	0
"2012-09-09	07:00:00"	8.9478	225	66.56	44.8	0.13355	26.663	0
"2012-09-09	08:00:00"	8.9478	225	66.56	44.8	4.2254	26.663	0
"2012-09-09	09:00:00"	7.3931	267.66	63.558	59.487	79.557	26.686	0
"2012-09-09	10:00:00"	5.5532	25.448	65.734	53.825	211.23	26.701	0
"2012-09-09	11:00:00"	5.2071	47.086	68.285	45.684	416.61	26.707	0
"2012-09-09	12:00:00"	4.4005	49.96	70.125	39.427	473.12	26.707	0
"2012-09-09	13:00:00"	4.664	36.676	71.771	37.085	607.08	26.686	0
"2012-09-09	14:00:00"	7.9442	29.184	72.943	35.982	843.13	26.674	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-09	15:00:00"	7.8523	22.682	73.294	35.506	673.93	26.654	0
"2012-09-09	16:00:00"	5.6563	31.144	75.385	31.471	643.96	26.636	0
"2012-09-09	17:00:00"	6.3057	58.469	77.056	29.076	643.68	26.618	0
"2012-09-09	18:00:00"	5.3581	61.228	78.11	27.662	511.51	26.607	0
"2012-09-09	19:00:00"	5.3612	53.546	78.505	26.971	358.39	26.592	0
"2012-09-09	20:00:00"	6.6903	194.34	77.251	26.938	70.321	26.592	0
"2012-09-09	21:00:00"	7.1582	225	76.82	27.2	1.3397	26.592	0
"2012-09-09	22:00:00"	7.1582	225	76.82	27.2	0.1204	26.592	0
"2012-09-09	23:00:00"	7.1582	225	76.82	27.2	0.10959	26.592	0
"2012-09-10	00:00:00"	7.1582	225	76.82	27.2	0.12295	26.592	0
"2012-09-10	01:00:00"	7.1582	225	76.82	27.2	0.09772	26.592	0
"2012-09-10	02:00:00"	7.1582	225	76.82	27.2	0.10154	26.592	0
"2012-09-10	03:00:00"	7.1582	225	76.82	27.2	0.12146	26.592	0
"2012-09-10	04:00:00"	7.1582	225	76.82	27.2	0.10769	26.592	0
"2012-09-10	05:00:00"	7.1582	225	76.82	27.2	0.11256	26.592	0
"2012-09-10	06:00:00"	7.1582	225	76.82	27.2	0.09518	26.592	0
"2012-09-10	07:00:00"	7.1582	225	76.82	27.2	0.11532	26.592	0
"2012-09-10	08:00:00"	5.6979	122.31	63.079	39.966	61.314	26.595	0
"2012-09-10	09:00:00"	7.4335	166.24	66.517	34.667	149.71	26.601	0
"2012-09-10	10:00:00"	5.7986	182.71	70.849	28.887	249.25	26.609	0
"2012-09-10	11:00:00"	9.4324	179.93	76.298	21.042	597.97	26.612	0
"2012-09-10	12:00:00"	10.635	180.76	78.944	18.424	746.6	26.607	0
"2012-09-10	13:00:00"	10.837	182.38	81.085	17.686	875.39	26.595	0
"2012-09-10	14:00:00"	10.463	158.6	82.62	18.045	941.96	26.568	0
"2012-09-10	15:00:00"	9.7095	168.11	84.081	18.165	937.44	26.545	0
"2012-09-10	16:00:00"	9.1758	173.68	85.354	18.034	858.08	26.518	0
"2012-09-10	17:00:00"	9.6567	173.7	86.238	17.957	719.69	26.497	0
"2012-09-10	18:00:00"	9.3678	176.5	86.517	18.035	531.82	26.48	0
"2012-09-10	19:00:00"	9.4181	168.72	85.976	18.898	310.29	26.474	0
"2012-09-10	20:00:00"	9.7506	199.47	85.068	19.936	95.221	26.471	0
"2012-09-10	21:00:00"	10.514	225	84.92	20.1	1.281	26.471	0
"2012-09-10	22:00:00"	10.514	225	84.92	20.1	0.10599	26.471	0
"2012-09-10	23:00:00"	10.514	225	84.92	20.1	0.085	26.471	0
"2012-09-11	00:00:00"	10.514	225	84.92	20.1	0.10832	26.471	0
"2012-09-11	01:00:00"	10.514	225	84.92	20.1	0.15114	26.471	0
"2012-09-11	02:00:00"	10.514	225	84.92	20.1	0.13779	26.471	0
"2012-09-11	03:00:00"	10.514	225	84.92	20.1	0.12464	26.471	0
"2012-09-11	04:00:00"	10.514	225	84.92	20.1	0.13376	26.471	0
"2012-09-11	05:00:00"	10.514	225	84.92	20.1	0.1115	26.471	0
"2012-09-11	06:00:00"	10.514	225	84.92	20.1	0.12994	26.471	0
"2012-09-11	07:00:00"	10.514	225	84.92	20.1	0.12719	26.471	0
"2012-09-11	08:00:00"	10.484	225	84.773	20.044	9.4833	0	0
"2012-09-11	09:00:00"	5.8042	181.06	65.891	40.006	127.94	26.494	0
"2012-09-11	10:00:00"	11.451	180.71	72.168	33.384	346.71	26.503	0
"2012-09-11	11:00:00"	11.937	183.48	77.008	28.319	541.64	26.506	0
"2012-09-11	12:00:00"	10.885	185.93	80.353	26.231	653.31	26.5	0
"2012-09-11	13:00:00"	10.268	184.22	84.64	24.989	890.8	26.485	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-11	14:00:00"	9.502	183.17	87.82	23.176	933.96	26.471	0
"2012-09-11	15:00:00"	8.9987	195.49	90.596	20.455	928.95	26.447	0
"2012-09-11	16:00:00"	10.4	189.4	91.529	19.786	837.98	26.426	0
"2012-09-11	17:00:00"	11.206	189.6	91.539	18.853	570.12	26.412	0
"2012-09-11	18:00:00"	11.295	185.12	91.251	18.52	413.87	26.406	0
"2012-09-11	19:00:00"	10.458	174.47	90.309	19.157	161.75	26.403	0
"2012-09-11	20:00:00"	7.9778	206.06	89.083	19.98	49.029	26.403	0
"2012-09-11	21:00:00"	6.4871	225	88.7	20.3	0.57976	26.403	0
"2012-09-11	22:00:00"	6.4871	225	88.7	20.3	0.1026	26.403	0
"2012-09-11	23:00:00"	6.4871	225	88.7	20.3	0.1115	26.403	0
"2012-09-12	00:00:00"	6.4871	225	88.7	20.3	0.12888	26.403	0
"2012-09-12	01:00:00"	6.4871	225	88.7	20.3	0.12104	26.403	0
"2012-09-12	02:00:00"	6.4871	225	88.7	20.3	0.14415	26.403	0
"2012-09-12	03:00:00"	6.4871	225	88.7	20.3	0.09984	26.403	0
"2012-09-12	04:00:00"	6.4871	225	88.7	20.3	0.12931	26.403	0
"2012-09-12	05:00:00"	6.4871	225	88.7	20.3	0.10896	26.403	0
"2012-09-12	06:00:00"	6.4871	225	88.7	20.3	0.13503	26.403	0
"2012-09-12	07:00:00"	6.4871	225	88.7	20.3	0.12719	26.403	0
"2012-09-12	08:00:00"	6.4871	225	88.7	20.3	6.6608	26.403	0
"2012-09-12	09:00:00"	5.2668	214.95	75.005	35.327	73.712	26.474	0
"2012-09-12	10:00:00"	5.7092	200.87	72.57	37.962	195.53	26.48	0
"2012-09-12	11:00:00"	5.5892	213.83	76.745	34.21	395.79	26.483	0
"2012-09-12	12:00:00"	4.4006	227.03	82.959	30	697.88	26.483	0
"2012-09-12	13:00:00"	7.7988	206.86	85.601	28.904	471.94	26.477	0
"2012-09-12	14:00:00"	10.423	173.58	83.795	30.688	535.34	26.465	0
"2012-09-12	15:00:00"	11.027	167.54	84.26	30.929	351.21	26.453	0
"2012-09-12	16:00:00"	12.722	167.21	82.712	33.631	329.32	26.438	0
"2012-09-12	17:00:00"	12.276	142.16	84.863	30.485	742.5	26.415	0
"2012-09-12	18:00:00"	14.243	145.93	86.003	26.739	556.24	26.409	0
"2012-09-12	19:00:00"	10.936	181.25	84.546	27.953	143.3	26.412	0
"2012-09-12	20:00:00"	10.09	203.08	83.817	29.209	83.842	26.429	0
"2012-09-12	21:00:00"	7.3819	225	82.94	31.4	0.52846	26.429	0
"2012-09-12	22:00:00"	7.3819	225	82.94	31.4	0.12358	26.429	0
"2012-09-12	23:00:00"	7.3819	225	82.94	31.4	0.09709	26.429	0
"2012-09-13	00:00:00"	7.3819	225	82.94	31.4	0.11214	26.429	0
"2012-09-13	01:00:00"	7.3819	225	82.94	31.4	0.09094	26.429	0
"2012-09-13	02:00:00"	7.3819	225	82.94	31.4	0.11193	26.429	0
"2012-09-13	03:00:00"	7.3819	225	82.94	31.4	0.07313	26.429	0.01
"2012-09-13	04:00:00"	7.3819	225	82.94	31.4	0.07546	26.429	0
"2012-09-13	05:00:00"	7.3819	225	82.94	31.4	0.10472	26.429	0
"2012-09-13	06:00:00"	7.3819	225	82.94	31.4	0.09666	26.429	0
"2012-09-13	07:00:00"	7.3819	225	82.94	31.4	0.09285	26.429	0.03
"2012-09-13	08:00:00"	7.3819	225	82.94	31.4	0.88586	26.429	0.03
"2012-09-13	09:00:00"	7.3614	225	82.798	31.313	16.896	0	0
"2012-09-13	10:00:00"	13.378	351.79	58.522	87.449	67.753	0	0
"2012-09-13	11:00:00"	14.328	5.2129	58.184	85.966	97.964	26.68	0
"2012-09-13	12:00:00"	15.729	22.165	58.335	83.235	215.38	26.692	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-13	13:00:00"	16.449	22.75	58.785	79.441	261.13	26.695	0
"2012-09-13	14:00:00"	16.499	19.471	59.547	77.294	318.84	26.689	0
"2012-09-13	15:00:00"	16.237	24.806	59.654	75.769	183.93	26.686	0
"2012-09-13	16:00:00"	14.223	33.061	59.594	75.46	134.33	26.686	0
"2012-09-13	17:00:00"	13.664	29.254	59.342	76.304	104.21	26.677	0
"2012-09-13	18:00:00"	13.136	14.053	59.126	77.309	80.766	26.68	0
"2012-09-13	19:00:00"	13.214	231.4	58.768	78.179	45.873	26.695	0
"2012-09-13	20:00:00"	11.856	225	58.64	79	10.311	26.695	0
"2012-09-13	21:00:00"	11.856	225	58.64	79	0.2406	26.695	0
"2012-09-13	22:00:00"	11.856	225	58.64	79	0.09815	26.695	0
"2012-09-13	23:00:00"	11.856	225	58.64	79	0.10599	26.695	0
"2012-09-14	00:00:00"	11.856	225	58.64	79	0.10133	26.695	0
"2012-09-14	01:00:00"	11.856	225	58.64	79	0.13991	26.695	0
"2012-09-14	02:00:00"	11.856	225	58.64	79	0.1185	26.695	0
"2012-09-14	03:00:00"	11.856	225	58.64	79	0.14605	26.695	0
"2012-09-14	04:00:00"	11.856	225	58.64	79	0.11913	26.695	0
"2012-09-14	05:00:00"	11.856	225	58.64	79	0.12104	26.695	0
"2012-09-14	06:00:00"	11.856	225	58.64	79	0.12189	26.695	0
"2012-09-14	07:00:00"	11.856	225	58.64	79	0.13651	26.695	0
"2012-09-14	08:00:00"	11.856	225	58.64	79	2.7708	26.695	0
"2012-09-14	09:00:00"	12.181	268.83	56.087	75.553	68.235	26.763	0
"2012-09-14	10:00:00"	12.682	0.70231	56.073	70.999	174.87	26.769	0
"2012-09-14	11:00:00"	13.038	7.522	56.712	70.205	236.4	26.775	0
"2012-09-14	12:00:00"	14.067	8.349	57.093	69.344	397.54	26.778	0
"2012-09-14	13:00:00"	13.595	9.7706	60.418	61.553	731.67	26.769	0
"2012-09-14	14:00:00"	12.164	7.6701	63.414	55.398	950	26.754	0
"2012-09-14	15:00:00"	10.237	11.182	65.912	51.288	855.66	26.731	0
"2012-09-14	16:00:00"	9.2025	1.1232	67.687	46.849	785.83	26.707	0
"2012-09-14	17:00:00"	9.0086	1.542	69.187	41.188	714.13	26.695	0
"2012-09-14	18:00:00"	8.5824	11.361	69.366	40.9	411.53	26.689	0
"2012-09-14	19:00:00"	8.4096	10.093	69.055	40.232	233.26	26.686	0
"2012-09-14	20:00:00"	7.851	268.08	68.219	36.188	78.717	26.689	0
"2012-09-14	21:00:00"	7.6056	225	68	35.6	0.52677	26.689	0
"2012-09-14	22:00:00"	7.6056	225	68	35.6	0.12125	26.689	0
"2012-09-14	23:00:00"	7.6056	225	68	35.6	0.12613	26.689	0
"2012-09-15	00:00:00"	7.6056	225	68	35.6	0.12189	26.689	0
"2012-09-15	01:00:00"	7.6056	225	68	35.6	0.08903	26.689	0
"2012-09-15	02:00:00"	7.6056	225	68	35.6	0.08373	26.689	0
"2012-09-15	03:00:00"	7.6056	225	68	35.6	0.06614	26.689	0
"2012-09-15	04:00:00"	7.6056	225	68	35.6	0.05914	26.689	0
"2012-09-15	05:00:00"	7.6056	225	68	35.6	0.07207	26.689	0
"2012-09-15	06:00:00"	7.6056	225	68	35.6	0.0778	26.689	0
"2012-09-15	07:00:00"	7.6056	225	68	35.6	0.06211	26.689	0
"2012-09-15	08:00:00"	7.6056	225	68	35.6	1.8991	26.689	0
"2012-09-15	09:00:00"	6.2696	259.38	61.815	59.977	32.777	26.704	0
"2012-09-15	10:00:00"	5.1133	260.36	57.382	76.842	104.76	26.698	0
"2012-09-15	11:00:00"	4.4844	302.32	59.779	60.288	129.76	26.704	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-15	12:00:00"	2.6502	227.94	61.047	55.624	140.33	26.701	0
"2012-09-15	13:00:00"	5.5998	192.99	60.929	68.74	232.69	26.692	0
"2012-09-15	14:00:00"	3.9687	223.48	63.258	54.687	358.32	26.68	0
"2012-09-15	15:00:00"	4.5223	312.58	65.785	36.854	389.23	26.663	0
"2012-09-15	16:00:00"	3.4443	270.18	67.331	34.948	470.76	26.642	0
"2012-09-15	17:00:00"	2.813	235.31	69.334	33.213	581.56	26.612	0
"2012-09-15	18:00:00"	4.9436	207.42	68.737	48.605	405.65	26.604	0
"2012-09-15	19:00:00"	7.4192	184.33	68.201	52.608	314.99	26.592	0
"2012-09-15	20:00:00"	8.1518	209.74	66.139	59.439	49.356	26.589	0
"2012-09-15	21:00:00"	6.9345	225	65.84	59.6	0.46148	26.589	0
"2012-09-15	22:00:00"	6.9345	225	65.84	59.6	0.1115	26.589	0
"2012-09-15	23:00:00"	6.9345	225	65.84	59.6	0.09539	26.589	0
"2012-09-16	00:00:00"	6.9345	225	65.84	59.6	0.08564	26.589	0
"2012-09-16	01:00:00"	6.9345	225	65.84	59.6	0.06444	26.589	0
"2012-09-16	02:00:00"	6.9345	225	65.84	59.6	0.06911	26.589	0
"2012-09-16	03:00:00"	6.9345	225	65.84	59.6	0.06084	26.589	0
"2012-09-16	04:00:00"	6.9345	225	65.84	59.6	0.07462	26.589	0
"2012-09-16	05:00:00"	6.9345	225	65.84	59.6	0.06741	26.589	0
"2012-09-16	06:00:00"	6.9345	225	65.84	59.6	0.05596	26.589	0
"2012-09-16	07:00:00"	6.9345	225	65.84	59.6	0.05893	26.589	0
"2012-09-16	08:00:00"	6.9152	225	65.746	59.434	4.554	0	0
"2012-09-16	09:00:00"	2.8036	268.61	51.773	93.22	109.7	26.545	0.01
"2012-09-16	10:00:00"	3.1417	239.68	55.215	92.198	315.99	26.55	0
"2012-09-16	11:00:00"	4.2247	215.22	61.726	72.416	529.15	26.55	0
"2012-09-16	12:00:00"	4.8479	198.17	69.137	52.255	727.78	26.536	0
"2012-09-16	13:00:00"	5.7725	193.56	73.225	39.381	859.4	26.518	0
"2012-09-16	14:00:00"	5.3836	187.72	76.178	30.948	929.88	26.503	0
"2012-09-16	15:00:00"	5.355	175.13	78.127	27.042	924.55	26.477	0
"2012-09-16	16:00:00"	4.6628	74.542	80.017	23.46	844.03	26.45	0
"2012-09-16	17:00:00"	7.8808	134.79	80.615	24.576	697.99	26.435	0
"2012-09-16	18:00:00"	9.6785	150.32	79.967	27.152	508.7	26.432	0
"2012-09-16	19:00:00"	8.9428	163.58	79.186	27.983	276.46	26.426	0
"2012-09-16	20:00:00"	8.5016	200.33	77.469	30.136	67.785	26.429	0
"2012-09-16	21:00:00"	8.2766	225	77.18	30.5	0.49052	26.429	0
"2012-09-16	22:00:00"	8.2766	225	77.18	30.5	0.1009	26.429	0
"2012-09-16	23:00:00"	8.2766	225	77.18	30.5	0.12698	26.429	0
"2012-09-17	00:00:00"	8.2766	225	77.18	30.5	0.13545	26.429	0
"2012-09-17	01:00:00"	8.2766	225	77.18	30.5	0.10896	26.429	0
"2012-09-17	02:00:00"	8.2766	225	77.18	30.5	0.1433	26.429	0
"2012-09-17	03:00:00"	8.2766	225	77.18	30.5	0.13524	26.429	0
"2012-09-17	04:00:00"	8.2766	225	77.18	30.5	0.10451	26.429	0
"2012-09-17	05:00:00"	8.2766	225	77.18	30.5	0.10387	26.429	0
"2012-09-17	06:00:00"	8.2766	225	77.18	30.5	0.11489	26.429	0
"2012-09-17	07:00:00"	8.2766	225	77.18	30.5	0.08903	26.429	0
"2012-09-17	08:00:00"	8.2536	225	77.054	30.415	6.5835	0	0
"2012-09-17	09:00:00"	3.5716	201.71	58.375	86.261	114.14	26.4	0
"2012-09-17	10:00:00"	5.6309	202.81	62.857	75.329	323.47	26.403	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-17	11:00:00"	5.4668	209.39	69.428	54.771	547.32	26.423	0
"2012-09-17	12:00:00"	7.1601	202.17	76.67	34.379	727.26	26.42	0
"2012-09-17	13:00:00"	6.7102	210.28	81.113	25.872	837.67	26.406	0
"2012-09-17	14:00:00"	7.4285	190.38	82.666	23.732	739.22	26.385	0
"2012-09-17	15:00:00"	6.2802	183.46	84.679	22.853	819.31	26.361	0
"2012-09-17	16:00:00"	6.5064	161.48	87.067	20.521	801.89	26.335	0
"2012-09-17	17:00:00"	7.8989	170.48	89.741	16.771	711.09	26.326	0
"2012-09-17	18:00:00"	10.716	330.96	91.672	10.306	493.78	26.326	0
"2012-09-17	19:00:00"	9.1801	324.83	90.563	10.796	289.2	26.326	0
"2012-09-17	20:00:00"	10.624	268.54	87.735	14.994	76.059	26.335	0
"2012-09-17	21:00:00"	11.856	225	86.9	16.7	0.5308	26.335	0
"2012-09-17	22:00:00"	11.856	225	86.9	16.7	0.12782	26.335	0
"2012-09-17	23:00:00"	11.856	225	86.9	16.7	0.11574	26.335	0
"2012-09-18	00:00:00"	11.856	225	86.9	16.7	0.13376	26.335	0
"2012-09-18	01:00:00"	11.856	225	86.9	16.7	0.12676	26.335	0
"2012-09-18	02:00:00"	11.856	225	86.9	16.7	0.1168	26.335	0
"2012-09-18	03:00:00"	11.856	225	86.9	16.7	0.13715	26.335	0
"2012-09-18	04:00:00"	11.856	225	86.9	16.7	0.09836	26.335	0
"2012-09-18	05:00:00"	11.856	225	86.9	16.7	0.11892	26.335	0
"2012-09-18	06:00:00"	11.856	225	86.9	16.7	0.12125	26.335	0
"2012-09-18	07:00:00"	11.856	225	86.9	16.7	0.11638	26.335	0
"2012-09-18	08:00:00"	11.856	225	86.9	16.7	4.1431	26.335	0
"2012-09-18	09:00:00"	9.4877	20.759	65.683	59.172	101.33	26.612	0
"2012-09-18	10:00:00"	12.756	47.18	62.052	64.757	301.21	26.639	0
"2012-09-18	11:00:00"	11.925	50.531	64.316	59.419	514.26	26.645	0
"2012-09-18	12:00:00"	8.1505	67.066	67.121	54.647	696.32	26.654	0
"2012-09-18	13:00:00"	4.925	82.64	70.107	48.913	797.44	26.642	0
"2012-09-18	14:00:00"	4.5441	96.745	73.289	43.789	734.82	26.627	0
"2012-09-18	15:00:00"	4.1961	104.08	75.602	39.499	832.64	26.609	0
"2012-09-18	16:00:00"	4.2757	174.58	77.6	35.111	779.75	26.583	0
"2012-09-18	17:00:00"	3.7525	308.16	79.76	31.387	615.97	26.562	0
"2012-09-18	18:00:00"	3.2523	56.927	78.415	32.889	315.88	26.547	0
"2012-09-18	19:00:00"	3.1733	72.063	79.337	32.157	273.9	26.545	0
"2012-09-18	20:00:00"	7.9486	208.87	77.808	36.009	68.405	26.547	0
"2012-09-18	21:00:00"	7.1582	225	77.36	37	0.33493	26.547	0
"2012-09-18	22:00:00"	7.1582	225	77.36	37	0.09645	26.547	0
"2012-09-18	23:00:00"	7.1582	225	77.36	37	0.09751	26.547	0
"2012-09-19	00:00:00"	7.1582	225	77.36	37	0.11277	26.547	0
"2012-09-19	01:00:00"	7.1582	225	77.36	37	0.09242	26.547	0
"2012-09-19	02:00:00"	7.1582	225	77.36	37	0.1062	26.547	0
"2012-09-19	03:00:00"	7.1582	225	77.36	37	0.09666	26.547	0
"2012-09-19	04:00:00"	7.1582	225	77.36	37	0.12104	26.547	0
"2012-09-19	05:00:00"	7.1582	225	77.36	37	0.1062	26.547	0
"2012-09-19	06:00:00"	7.1582	225	77.36	37	0.13863	26.547	0
"2012-09-19	07:00:00"	7.1582	225	77.36	37	0.09709	26.547	0
"2012-09-19	08:00:00"	7.1383	225	77.234	36.897	6.0849	0	0
"2012-09-19	09:00:00"	5.7837	195.09	60.45	73.351	111.47	26.58	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-19	10:00:00"	11.313	188.89	65.232	64.5	318.06	26.592	0
"2012-09-19	11:00:00"	10.959	191.9	70.352	55.531	535.48	26.592	0
"2012-09-19	12:00:00"	11.874	194.61	75.907	45.251	718.5	26.583	0
"2012-09-19	13:00:00"	11.484	194.43	79.652	35.596	848.65	26.571	0
"2012-09-19	14:00:00"	10.593	187.31	82.527	29.814	911.56	26.556	0
"2012-09-19	15:00:00"	9.0956	187.72	84.342	25.195	903.66	26.536	0
"2012-09-19	16:00:00"	9.8077	189.75	86.002	22.248	823.54	26.515	0
"2012-09-19	17:00:00"	10.571	190.76	86.44	20.863	679.92	26.503	0
"2012-09-19	18:00:00"	11.418	175.7	86.413	19.807	487.58	26.497	0
"2012-09-19	19:00:00"	12.3	181.18	85.457	19.236	264.78	26.497	0
"2012-09-19	20:00:00"	11.974	207.91	83.566	19.823	61.351	26.503	0
"2012-09-19	21:00:00"	12.303	225	83.12	20	0.26307	26.503	0
"2012-09-19	22:00:00"	12.303	225	83.12	20	0.08479	26.503	0
"2012-09-19	23:00:00"	12.303	225	83.12	20	0.13461	26.503	0
"2012-09-20	00:00:00"	12.303	225	83.12	20	0.13312	26.503	0
"2012-09-20	01:00:00"	12.303	225	83.12	20	0.12464	26.503	0
"2012-09-20	02:00:00"	12.303	225	83.12	20	0.09666	26.503	0
"2012-09-20	03:00:00"	12.303	225	83.12	20	0.12804	26.503	0
"2012-09-20	04:00:00"	12.303	225	83.12	20	0.12655	26.503	0
"2012-09-20	05:00:00"	12.303	225	83.12	20	0.11616	26.503	0
"2012-09-20	06:00:00"	12.303	225	83.12	20	0.13206	26.503	0
"2012-09-20	07:00:00"	12.303	225	83.12	20	0.12443	26.503	0
"2012-09-20	08:00:00"	12.269	225	82.978	19.944	5.5924	0	0
"2012-09-20	09:00:00"	3.1646	225.11	60.389	68.014	109.64	26.509	0
"2012-09-20	10:00:00"	6.5915	216.12	66.853	54.29	317.91	26.518	0
"2012-09-20	11:00:00"	8.0486	192.01	73.339	41.632	534.3	26.53	0
"2012-09-20	12:00:00"	9.584	192.52	79.174	33.625	719.62	26.527	0
"2012-09-20	13:00:00"	8.6445	206.04	84.087	26.699	820.84	26.509	0
"2012-09-20	14:00:00"	8.4743	204.37	88.14	20.366	874.42	26.488	0
"2012-09-20	15:00:00"	9.3249	207.85	90.694	16.584	895.64	26.465	0
"2012-09-20	16:00:00"	9.4256	207.57	92.36	13.1	837.13	26.444	0
"2012-09-20	17:00:00"	11.826	197.63	92.397	13.435	669.98	26.426	0
"2012-09-20	18:00:00"	11.643	188.79	90.901	14.511	385.14	26.418	0
"2012-09-20	19:00:00"	14.024	180.44	89.532	14.032	201.82	26.418	0
"2012-09-20	20:00:00"	13.292	204.82	87.463	13.57	53.027	26.42	0
"2012-09-20	21:00:00"	13.422	225	86.9	13.7	0.29423	26.42	0
"2012-09-20	22:00:00"	13.422	225	86.9	13.7	0.10811	26.42	0
"2012-09-20	23:00:00"	13.422	225	86.9	13.7	0.14966	26.42	0
"2012-09-21	00:00:00"	13.422	225	86.9	13.7	0.11193	26.42	0
"2012-09-21	01:00:00"	13.422	225	86.9	13.7	0.11426	26.42	0
"2012-09-21	02:00:00"	13.422	225	86.9	13.7	0.13694	26.42	0
"2012-09-21	03:00:00"	13.422	225	86.9	13.7	0.13058	26.42	0
"2012-09-21	04:00:00"	13.422	225	86.9	13.7	0.10048	26.42	0
"2012-09-21	05:00:00"	13.422	225	86.9	13.7	0.11362	26.42	0
"2012-09-21	06:00:00"	13.422	225	86.9	13.7	0.15263	26.42	0
"2012-09-21	07:00:00"	13.422	225	86.9	13.7	0.12062	26.42	0
"2012-09-21	08:00:00"	13.422	225	86.9	13.7	4.4075	26.42	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-21	09:00:00"	8.8216	198.37	68.82	43.425	143.9	26.483	0
"2012-09-21	10:00:00"	10.254	187.99	68.048	45.835	368.04	26.485	0
"2012-09-21	11:00:00"	8.6221	193.19	72.812	38.784	469.78	26.5	0
"2012-09-21	12:00:00"	6.7978	197.8	78.259	29.601	692.58	26.494	0
"2012-09-21	13:00:00"	4.9896	206.29	81.729	24.557	808.85	26.491	0
"2012-09-21	14:00:00"	3.3821	124.97	85.076	19.749	892.03	26.474	0
"2012-09-21	15:00:00"	4.0091	142.18	87.901	16.323	898.02	26.447	0
"2012-09-21	16:00:00"	4.0153	185.85	90.882	13.292	815.49	26.429	0
"2012-09-21	17:00:00"	3.9842	175.76	92.887	11.453	673.85	26.418	0
"2012-09-21	18:00:00"	6.9401	106.86	92.145	12.124	472.78	26.415	0
"2012-09-21	19:00:00"	6.8748	143.8	91.335	12.207	244.1	26.423	0
"2012-09-21	20:00:00"	8.5582	192.86	89.077	14.532	50.522	26.429	0
"2012-09-21	21:00:00"	8.9478	225	88.52	15.1	0.18357	26.429	0
"2012-09-21	22:00:00"	8.9478	225	88.52	15.1	0.13249	26.429	0
"2012-09-21	23:00:00"	8.9478	225	88.52	15.1	0.10832	26.429	0
"2012-09-22	00:00:00"	8.9478	225	88.52	15.1	0.13863	26.429	0
"2012-09-22	01:00:00"	8.9478	225	88.52	15.1	0.12422	26.429	0
"2012-09-22	02:00:00"	8.9478	225	88.52	15.1	0.11023	26.429	0
"2012-09-22	03:00:00"	8.9478	225	88.52	15.1	0.12719	26.429	0
"2012-09-22	04:00:00"	8.9478	225	88.52	15.1	0.1363	26.429	0
"2012-09-22	05:00:00"	8.9478	225	88.52	15.1	0.12973	26.429	0
"2012-09-22	06:00:00"	8.9478	225	88.52	15.1	0.14181	26.429	0
"2012-09-22	07:00:00"	8.9478	225	88.52	15.1	0.13779	26.429	0
"2012-09-22	08:00:00"	8.9229	225	88.363	15.058	5.2187	0	0
"2012-09-22	09:00:00"	4.0917	114.56	63.912	46.557	106.68	26.574	0
"2012-09-22	10:00:00"	6.6717	150.01	70.211	37.944	310.78	26.592	0
"2012-09-22	11:00:00"	5.6886	169.78	75.052	31.613	528.19	26.598	0
"2012-09-22	12:00:00"	4.4838	159.02	80.434	24.548	713.29	26.598	0
"2012-09-22	13:00:00"	4.7578	161.43	85.765	15.838	843.89	26.592	0
"2012-09-22	14:00:00"	7.183	154.92	88.548	11.97	903.57	26.58	0
"2012-09-22	15:00:00"	8.532	143.85	90.225	9.7697	896.59	26.565	0
"2012-09-22	16:00:00"	9.7934	150.22	90.405	11.088	812.18	26.553	0
"2012-09-22	17:00:00"	10.22	151.75	90.38	11.548	662.99	26.55	0
"2012-09-22	18:00:00"	9.3436	154.93	89.764	11.868	464.87	26.545	0
"2012-09-22	19:00:00"	10.108	146.98	88.559	12.575	239.19	26.55	0
"2012-09-22	20:00:00"	8.2574	196.93	86.556	13.586	46.427	26.556	0
"2012-09-22	21:00:00"	6.9345	225	86.18	13.9	0.12401	26.556	0
"2012-09-22	22:00:00"	6.9345	225	86.18	13.9	0.10832	26.556	0
"2012-09-22	23:00:00"	6.9345	225	86.18	13.9	0.11659	26.556	0
"2012-09-23	00:00:00"	6.9345	225	86.18	13.9	0.10599	26.556	0
"2012-09-23	01:00:00"	6.9345	225	86.18	13.9	0.11299	26.556	0
"2012-09-23	02:00:00"	6.9345	225	86.18	13.9	0.14393	26.556	0
"2012-09-23	03:00:00"	6.9345	225	86.18	13.9	0.1115	26.556	0
"2012-09-23	04:00:00"	6.9345	225	86.18	13.9	0.12655	26.556	0
"2012-09-23	05:00:00"	6.9345	225	86.18	13.9	0.10917	26.556	0
"2012-09-23	06:00:00"	6.9345	225	86.18	13.9	0.09221	26.556	0
"2012-09-23	07:00:00"	6.9345	225	86.18	13.9	0.11002	26.556	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-23	08:00:00"	6.9345	225	86.18	13.9	4.1881	26.556	0
"2012-09-23	09:00:00"	3.8264	228.55	68.494	36.303	99.709	26.639	0
"2012-09-23	10:00:00"	6.0335	185.05	68.197	37.309	299.85	26.66	0
"2012-09-23	11:00:00"	9.3634	187.42	73.749	30.479	517.13	26.669	0
"2012-09-23	12:00:00"	9.4392	188.46	77.985	28.034	702.64	26.666	0
"2012-09-23	13:00:00"	10.17	179.91	80.973	23.273	834.39	26.66	0
"2012-09-23	14:00:00"	11.855	170.08	83.376	19.489	893.13	26.639	0
"2012-09-23	15:00:00"	13.045	157.31	85.411	15.664	886.94	26.615	0
"2012-09-23	16:00:00"	12.333	162.56	85.819	15.153	799.82	26.604	0
"2012-09-23	17:00:00"	10.157	139.93	86.085	14.644	663.41	26.589	0
"2012-09-23	18:00:00"	10.358	146.25	85.544	15.721	472.04	26.577	0
"2012-09-23	19:00:00"	11.057	140.82	84.799	16.087	253.37	26.577	0
"2012-09-23	20:00:00"	11.407	193.64	82.917	18.675	51.399	26.586	0
"2012-09-23	21:00:00"	11.632	225	82.58	19.1	0.15347	26.586	0
"2012-09-23	22:00:00"	11.632	225	82.58	19.1	0.09793	26.586	0
"2012-09-23	23:00:00"	11.632	225	82.58	19.1	0.12316	26.586	0
"2012-09-24	00:00:00"	11.632	225	82.58	19.1	0.1238	26.586	0
"2012-09-24	01:00:00"	11.632	225	82.58	19.1	0.10323	26.586	0
"2012-09-24	02:00:00"	11.632	225	82.58	19.1	0.13863	26.586	0
"2012-09-24	03:00:00"	11.632	225	82.58	19.1	0.11934	26.586	0
"2012-09-24	04:00:00"	11.632	225	82.58	19.1	0.12125	26.586	0
"2012-09-24	05:00:00"	11.632	225	82.58	19.1	0.13037	26.586	0
"2012-09-24	06:00:00"	11.632	225	82.58	19.1	0.12549	26.586	0
"2012-09-24	07:00:00"	11.632	225	82.58	19.1	0.13185	26.586	0
"2012-09-24	08:00:00"	11.632	225	82.58	19.1	4.6708	26.586	0
"2012-09-24	09:00:00"	7.4167	191.85	67.783	60.771	100.93	26.571	0
"2012-09-24	10:00:00"	12.717	181.85	69.67	62.833	327.56	26.574	0
"2012-09-24	11:00:00"	14.114	185.58	74.153	49.878	515.61	26.571	0
"2012-09-24	12:00:00"	13.258	185.52	78.023	41.081	702.01	26.559	0
"2012-09-24	13:00:00"	12.298	185.6	81.354	31.691	765.09	26.539	0
"2012-09-24	14:00:00"	11.552	189.92	83.954	24.343	871.89	26.512	0
"2012-09-24	15:00:00"	10.733	184.6	85.597	19.865	889.59	26.477	0
"2012-09-24	16:00:00"	9.7151	178.1	86.534	18.115	778.75	26.447	0
"2012-09-24	17:00:00"	9.7829	187.78	87.369	15.709	658.26	26.435	0
"2012-09-24	18:00:00"	10.488	184.61	87.376	14.717	454.02	26.423	0
"2012-09-24	19:00:00"	9.3647	190.41	87.162	12.492	225.42	26.42	0
"2012-09-24	20:00:00"	6.5132	207.8	85.479	14.136	45.516	26.418	0
"2012-09-24	21:00:00"	6.2634	225	85.1	14.6	0.16958	26.418	0
"2012-09-24	22:00:00"	6.2634	225	85.1	14.6	0.10239	26.418	0
"2012-09-24	23:00:00"	6.2634	225	85.1	14.6	0.10811	26.418	0
"2012-09-25	00:00:00"	6.2634	225	85.1	14.6	0.11934	26.418	0
"2012-09-25	01:00:00"	6.2634	225	85.1	14.6	0.12146	26.418	0
"2012-09-25	02:00:00"	6.2634	225	85.1	14.6	0.12782	26.418	0
"2012-09-25	03:00:00"	6.2634	225	85.1	14.6	0.11256	26.418	0
"2012-09-25	04:00:00"	6.2634	225	85.1	14.6	0.13503	26.418	0
"2012-09-25	05:00:00"	6.2634	225	85.1	14.6	0.10875	26.418	0
"2012-09-25	06:00:00"	6.2634	225	85.1	14.6	0.1009	26.418	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-25	07:00:00"	6.2634	225	85.1	14.6	0.10853	26.418	0
"2012-09-25	08:00:00"	6.2634	225	85.1	14.6	4.406	26.418	0
"2012-09-25	09:00:00"	5.0058	224.5	69.565	54.406	101.01	26.429	0
"2012-09-25	10:00:00"	6.7972	214.61	68.221	60.27	298.69	26.444	0
"2012-09-25	11:00:00"	5.9919	212.56	73.788	47.913	514.59	26.447	0
"2012-09-25	12:00:00"	4.1868	183.7	78.892	34.059	697.6	26.438	0
"2012-09-25	13:00:00"	3.9457	134.15	82.87	26.451	846.93	26.418	0
"2012-09-25	14:00:00"	3.6835	109.66	86.109	19.051	894.12	26.391	0
"2012-09-25	15:00:00"	3.5685	344.26	88.499	16.001	714.46	26.37	0
"2012-09-25	16:00:00"	3.2199	225.34	88.766	15.793	451.92	26.35	0
"2012-09-25	17:00:00"	4.9641	276.67	90.183	14.59	566.93	26.347	0
"2012-09-25	18:00:00"	7.106	298.64	88.905	15.834	244.18	26.347	0
"2012-09-25	19:00:00"	6.6804	214.39	88.809	16.154	178.96	26.344	0
"2012-09-25	20:00:00"	6.5641	219.24	86.518	17.376	23.811	26.347	0
"2012-09-25	21:00:00"	7.3819	225	86	17.7	0.11807	26.347	0
"2012-09-25	22:00:00"	7.3819	225	86	17.7	0.10027	26.347	0
"2012-09-25	23:00:00"	7.3819	225	86	17.7	0.10408	26.347	0
"2012-09-26	00:00:00"	7.3819	225	86	17.7	0.08691	26.347	0
"2012-09-26	01:00:00"	7.3819	225	86	17.7	0.09242	26.347	0
"2012-09-26	02:00:00"	7.3819	225	86	17.7	0.09984	26.347	0
"2012-09-26	03:00:00"	7.3819	225	86	17.7	0.12486	26.347	0
"2012-09-26	04:00:00"	7.3819	225	86	17.7	0.11574	26.347	0
"2012-09-26	05:00:00"	7.3819	225	86	17.7	0.10811	26.347	0
"2012-09-26	06:00:00"	7.3819	225	86	17.7	0.11956	26.347	0
"2012-09-26	07:00:00"	7.3819	225	86	17.7	0.09772	26.347	0
"2012-09-26	08:00:00"	7.3819	225	86	17.7	3.5816	26.347	0
"2012-09-26	09:00:00"	7.8106	211.18	70.518	56.366	82.182	26.412	0
"2012-09-26	10:00:00"	10.474	188.04	69.892	61.822	308.31	26.429	0
"2012-09-26	11:00:00"	10.34	190.66	74.977	51.324	491.56	26.441	0
"2012-09-26	12:00:00"	8.3015	179.65	77.443	46.817	690.4	26.438	0
"2012-09-26	13:00:00"	5.9241	185.44	82.635	35.079	787.99	26.435	0
"2012-09-26	14:00:00"	6.1137	189.87	84.461	31.16	488.69	26.429	0
"2012-09-26	15:00:00"	6.338	197.7	84.484	30.645	212.84	26.426	0
"2012-09-26	16:00:00"	8.0766	285.92	84.232	23.721	181.02	26.418	0
"2012-09-26	17:00:00"	7.2918	315.96	85.209	20.651	399.93	26.385	0
"2012-09-26	18:00:00"	5.2003	146.64	87.413	18.24	451.69	26.37	0
"2012-09-26	19:00:00"	16.003	167.07	83.817	29.001	182.55	26.4	0
"2012-09-26	20:00:00"	13.873	203.03	78.642	39.058	48.447	26.406	0
"2012-09-26	21:00:00"	10.514	225	78.8	38.2	0.10875	26.406	0
"2012-09-26	22:00:00"	10.514	225	78.8	38.2	0.11023	26.406	0
"2012-09-26	23:00:00"	10.514	225	78.8	38.2	0.11744	26.406	0
"2012-09-27	00:00:00"	10.514	225	78.8	38.2	0.11129	26.406	0
"2012-09-27	01:00:00"	10.514	225	78.8	38.2	0.07483	26.406	0
"2012-09-27	02:00:00"	10.514	225	78.8	38.2	0.09899	26.406	0
"2012-09-27	03:00:00"	10.514	225	78.8	38.2	0.1062	26.406	0
"2012-09-27	04:00:00"	10.514	225	78.8	38.2	0.11299	26.406	0
"2012-09-27	05:00:00"	10.514	225	78.8	38.2	0.09624	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-27	06:00:00"	10.514	225	78.8	38.2	0.08924	26.406	0
"2012-09-27	07:00:00"	10.514	225	78.8	38.2	0.09921	26.406	0
"2012-09-27	08:00:00"	10.514	225	78.8	38.2	1.1309	26.406	0
"2012-09-27	09:00:00"	8.4538	226.2	75.833	48.919	25.388	26.556	0
"2012-09-27	10:00:00"	2.1978	223.94	65.847	82.886	44.683	0	0.02
"2012-09-27	11:00:00"	4.8311	11.809	66.338	87.058	50.748	26.58	0.02
"2012-09-27	12:00:00"	6.4449	268.4	66.416	87.225	76.647	26.568	0.03
"2012-09-27	13:00:00"	6.5318	212.53	97.924	90.442	95.808	0	0.03
"2012-09-27	14:00:00"	6.6256	77.908	67.758	82.719	195.5	26.562	0.02
"2012-09-27	15:00:00"	6.3361	78.885	70.125	72.851	293.97	26.542	0
"2012-09-27	16:00:00"	2.3531	108.84	71.718	61.549	298.8	26.527	0
"2012-09-27	17:00:00"	4.554	111	72.779	58.341	208.61	26.518	0
"2012-09-27	18:00:00"	5.1201	122.27	73.591	55.714	209.68	26.509	0
"2012-09-27	19:00:00"	10.437	105.16	72.87	63.573	100.11	26.509	0
"2012-09-27	20:00:00"	12.751	225	70.16	73.4	9.8168	26.509	0
"2012-09-27	21:00:00"	12.751	225	70.16	73.4	0.11659	26.509	0
"2012-09-27	22:00:00"	12.751	225	70.16	73.4	0.11892	26.509	0
"2012-09-27	23:00:00"	12.751	225	70.16	73.4	0.12168	26.509	0
"2012-09-28	00:00:00"	12.751	225	70.16	73.4	0.10429	26.509	0
"2012-09-28	01:00:00"	12.751	225	70.16	73.4	0.10599	26.509	0
"2012-09-28	02:00:00"	12.751	225	70.16	73.4	0.08585	26.509	0
"2012-09-28	03:00:00"	12.751	225	70.16	73.4	0.08288	26.509	0
"2012-09-28	04:00:00"	12.751	225	70.16	73.4	0.07631	26.509	0
"2012-09-28	05:00:00"	12.751	225	70.16	73.4	0.07631	26.509	0
"2012-09-28	06:00:00"	12.751	225	70.16	73.4	0.08331	26.509	0
"2012-09-28	07:00:00"	12.751	225	70.16	73.4	0.06614	26.509	0
"2012-09-28	08:00:00"	12.751	225	70.16	73.4	0.44389	26.509	0
"2012-09-28	09:00:00"	12.715	225	70.054	73.196	19.903	0	0
"2012-09-28	10:00:00"	9.8966	120.6	64.582	90.349	46.71	0	0
"2012-09-28	11:00:00"	12.926	87.753	63.912	88.767	126.78	26.553	0
"2012-09-28	12:00:00"	13.571	76.356	64.296	84.527	217.7	26.542	0
"2012-09-28	13:00:00"	12.882	90.528	65.007	82.833	303.56	26.536	0
"2012-09-28	14:00:00"	14.393	104.68	63.736	83.762	191.04	26.527	0
"2012-09-28	15:00:00"	13.899	98.854	61.388	89.125	87.153	26.518	0.14
"2012-09-28	16:00:00"	10.058	181.1	61.222	89.997	90.532	26.512	0.13
"2012-09-28	17:00:00"	9.4566	86.819	60.946	89.957	78.247	26.497	0.05
"2012-09-28	18:00:00"	10.63	216	60.814	89.59	49.769	26.494	0.07
"2012-09-28	19:00:00"	10.852	228.06	60.769	90.73	17.209	26.488	0.19
"2012-09-28	20:00:00"	8.6998	225	60.9	91.844	3.1784	0	0.08
"2012-09-28	21:00:00"	12.985	222.47	60.557	90.266	0.07101	0	0.1
"2012-09-28	22:00:00"	12.537	204.18	60.636	91.401	0.06529	26.494	0.1
"2012-09-28	23:00:00"	11.856	225	60.62	91.4	0.0549	26.494	0.1
"2012-09-29	00:00:00"	11.587	224.05	59.866	90.809	0.06147	26.509	0.04
"2012-09-29	01:00:00"	11.559	227.3	59.643	90.979	0.05405	26.497	0.04
"2012-09-29	02:00:00"	12.332	227.03	59.983	91.182	0.05384	26.488	0.05
"2012-09-29	03:00:00"	10.261	225	60.54	90.946	0.05088	0	0.04
"2012-09-29	04:00:00"	12.696	245.3	60.442	90.246	0.05511	26.468	0.02

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-09-29	05:00:00"	13.645	225	60.44	90.4	0.05723	26.468	0.02
"2012-09-29	06:00:00"	14.597	230.31	59.821	88.893	0.05957	26.462	0
"2012-09-29	07:00:00"	15.13	231.5	59.659	87.962	0.05575	26.488	0
"2012-09-29	08:00:00"	12.303	225	59.72	87.2	0.50939	26.488	0
"2012-09-29	09:00:00"	13.397	232.1	59.467	85.715	34.268	0	0.01
"2012-09-29	10:00:00"	13.1	13.62	59.89	85.109	115.46	26.524	0.01
"2012-09-29	11:00:00"	11.913	335.08	61.378	80.091	167.58	26.55	0
"2012-09-29	12:00:00"	12.58	12.126	62.137	79.132	220.05	26.545	0.02
"2012-09-29	13:00:00"	13.443	24.658	64.344	72.754	468.1	26.539	0
"2012-09-29	14:00:00"	12.708	24.994	66.7	63.838	549.05	26.524	0
"2012-09-29	15:00:00"	11.695	14.811	67.194	63.526	349.9	26.509	0
"2012-09-29	16:00:00"	10.763	26.597	67.199	63.163	334.74	26.497	0
"2012-09-29	17:00:00"	9.6834	15.487	67.94	63.745	354.88	26.488	0
"2012-09-29	18:00:00"	10.276	12.111	68.388	62.951	307.86	26.48	0
"2012-09-29	19:00:00"	9.2858	32.619	68.824	60.915	196.96	26.491	0
"2012-09-29	20:00:00"	5.6054	53.012	63.845	72.809	23.867	26.494	0
"2012-09-29	21:00:00"	1.7896	225	62.24	77.4	0.11786	26.494	0
"2012-09-29	22:00:00"	1.7896	225	62.24	77.4	0.11171	26.494	0
"2012-09-29	23:00:00"	1.7896	225	62.24	77.4	0.11256	26.494	0
"2012-09-30	00:00:00"	1.7896	225	62.24	77.4	0.08055	26.494	0
"2012-09-30	01:00:00"	1.7896	225	62.24	77.4	0.07568	26.494	0
"2012-09-30	02:00:00"	1.7896	225	62.24	77.4	0.06995	26.494	0
"2012-09-30	03:00:00"	1.7896	225	62.24	77.4	0.06826	26.494	0
"2012-09-30	04:00:00"	1.7896	225	62.24	77.4	0.07822	26.494	0
"2012-09-30	05:00:00"	1.7896	225	62.24	77.4	0.08267	26.494	0
"2012-09-30	06:00:00"	1.7896	225	62.24	77.4	0.06147	26.494	0.01
"2012-09-30	07:00:00"	1.7896	225	62.24	77.4	0.06063	26.494	0
"2012-09-30	08:00:00"	1.7846	225	62.156	77.185	2.2589	0	0
"2012-09-30	09:00:00"	1.3465	301.65	55.998	93.088	71.248	26.515	0
"2012-09-30	10:00:00"	1.8697	269.54	60.288	91.348	252.61	26.521	0
"2012-09-30	11:00:00"	2.3954	214.75	65.181	75.24	470.96	26.53	0
"2012-09-30	12:00:00"	2.5973	186.2	68.982	60.908	654.83	26.515	0
"2012-09-30	13:00:00"	3.2659	185.38	71.345	56.2	776.64	26.494	0
"2012-09-30	14:00:00"	4.1489	225.28	73.942	51.683	841.76	26.474	0
"2012-09-30	15:00:00"	3.8245	243.64	76	47.489	761.49	26.447	0
"2012-09-30	16:00:00"	4.6945	305.85	78.387	40.617	768.54	26.429	0
"2012-09-30	17:00:00"	4.8802	8.7276	78.693	38.734	586.67	26.412	0
"2012-09-30	18:00:00"	3.983	343.61	79.112	36.579	336.55	26.397	0
"2012-09-30	19:00:00"	4.2856	311.1	79.002	37.422	175.11	26.412	0
"2012-09-30	20:00:00"	1.0855	263.68	75.773	46.449	20.036	26.418	0
"2012-09-30	21:00:00"	0.44739	225	75.2	47.5	0.10048	26.418	0
"2012-09-30	22:00:00"	0.44739	225	75.2	47.5	0.0973	26.418	0.03
"2012-09-30	23:00:00"	0.44739	225	75.2	47.5	0.09709	26.418	0.02
"2012-10-01	00:00:00"	0.44739	225	75.2	47.5	0.08373	26.418	0.04
"2012-10-01	01:00:00"	0.44739	225	75.2	47.5	0.09497	26.418	0
"2012-10-01	02:00:00"	0.44739	225	75.2	47.5	0.11934	26.418	0
"2012-10-01	03:00:00"	0.44739	225	75.2	47.5	0.10896	26.418	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-01	04:00:00"	0.44739	225	75.2	47.5	0.12549	26.418	0
"2012-10-01	05:00:00"	0.44739	225	75.2	47.5	0.12549	26.418	0
"2012-10-01	06:00:00"	0.44739	225	75.2	47.5	0.09772	26.418	0
"2012-10-01	07:00:00"	0.44739	225	75.2	47.5	0.12316	26.418	0
"2012-10-01	08:00:00"	0.44614	225	75.08	47.368	2.3222	0	0
"2012-10-01	09:00:00"	1.9289	71.16	57.711	83.689	126.53	26.483	0
"2012-10-01	10:00:00"	10.131	343.77	63.375	66.501	272.41	26.5	0
"2012-10-01	11:00:00"	13.933	359.19	68.711	50.57	480.53	26.512	0
"2012-10-01	12:00:00"	15.452	3.1116	72.17	42.629	656.08	26.509	0
"2012-10-01	13:00:00"	17.886	2.8092	74.799	36.714	780.2	26.506	0
"2012-10-01	14:00:00"	17.016	11.002	76.66	32.59	839.35	26.5	0
"2012-10-01	15:00:00"	15.623	12.13	77.589	31.096	794.15	26.488	0
"2012-10-01	16:00:00"	15.515	9.3457	78.317	28.433	689.84	26.485	0
"2012-10-01	17:00:00"	15.997	17.465	78.462	27.519	583.68	26.483	0
"2012-10-01	18:00:00"	15.603	14.066	77.519	30.136	384.97	26.485	0
"2012-10-01	19:00:00"	14.574	30.455	75.196	34.892	179.76	26.497	0
"2012-10-01	20:00:00"	9.8481	242.73	72.391	40.724	23.698	26.506	0
"2012-10-01	21:00:00"	8.2766	225	71.96	41.6	0.11489	26.506	0
"2012-10-01	22:00:00"	8.2766	225	71.96	41.6	0.13164	26.506	0
"2012-10-01	23:00:00"	8.2766	225	71.96	41.6	0.12782	26.506	0
"2012-10-02	00:00:00"	8.2766	225	71.96	41.6	0.16089	26.506	0
"2012-10-02	01:00:00"	8.2766	225	71.96	41.6	0.12337	26.506	0
"2012-10-02	02:00:00"	8.2766	225	71.96	41.6	0.11765	26.506	0
"2012-10-02	03:00:00"	8.2766	225	71.96	41.6	0.14987	26.506	0
"2012-10-02	04:00:00"	8.2766	225	71.96	41.6	0.18463	26.506	0
"2012-10-02	05:00:00"	8.2766	225	71.96	41.6	0.12464	26.506	0
"2012-10-02	06:00:00"	8.2766	225	71.96	41.6	0.1291	26.506	0
"2012-10-02	07:00:00"	8.2766	225	71.96	41.6	0.15326	26.506	0
"2012-10-02	08:00:00"	8.2766	225	71.96	41.6	1.5795	26.506	0
"2012-10-02	09:00:00"	4.0731	8.8245	60.089	71.245	83.134	26.565	0
"2012-10-02	10:00:00"	4.9181	76.098	61.27	60.223	269.86	26.562	0
"2012-10-02	11:00:00"	5.3407	116.6	64.464	49.416	480.55	26.565	0
"2012-10-02	12:00:00"	4.5379	168.09	66.705	44.824	659.42	26.556	0
"2012-10-02	13:00:00"	4.0669	205.93	69.027	42.152	782.69	26.536	0
"2012-10-02	14:00:00"	5.593	193.63	70.825	40.817	841.97	26.497	0
"2012-10-02	15:00:00"	6.4206	191.07	72.56	38.808	829.99	26.459	0
"2012-10-02	16:00:00"	7.2017	202.96	74.307	36.758	747.17	26.435	0
"2012-10-02	17:00:00"	9.1863	184.2	74.725	37.23	601.99	26.412	0
"2012-10-02	18:00:00"	9.5157	185.96	75.293	37.228	411.44	26.4	0
"2012-10-02	19:00:00"	9.0608	179.88	74.971	37.932	195.84	26.397	0
"2012-10-02	20:00:00"	7.787	203.81	73.042	41.752	24.487	26.394	0
"2012-10-02	21:00:00"	7.6056	225	72.68	42.2	0.13291	26.394	0
"2012-10-02	22:00:00"	7.6056	225	72.68	42.2	0.13291	26.394	0
"2012-10-02	23:00:00"	7.6056	225	72.68	42.2	0.11404	26.394	0
"2012-10-03	00:00:00"	7.6056	225	72.68	42.2	0.10959	26.394	0
"2012-10-03	01:00:00"	7.6056	225	72.68	42.2	0.15856	26.394	0
"2012-10-03	02:00:00"	7.6056	225	72.68	42.2	0.18866	26.394	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-03	03:00:00"	7.6056	225	72.68	42.2	0.12634	26.394	0
"2012-10-03	04:00:00"	7.6056	225	72.68	42.2	0.13779	26.394	0
"2012-10-03	05:00:00"	7.6056	225	72.68	42.2	0.14945	26.394	0
"2012-10-03	06:00:00"	7.6056	225	72.68	42.2	0.13545	26.394	0
"2012-10-03	07:00:00"	7.6056	225	72.68	42.2	0.17043	26.394	0
"2012-10-03	08:00:00"	7.5844	225	72.567	42.083	2.1234	0	0
"2012-10-03	09:00:00"	2.2407	166.1	56.254	75.553	86.625	26.37	0
"2012-10-03	10:00:00"	6.1373	185.66	59.919	69.317	282.34	26.382	0
"2012-10-03	11:00:00"	7.82	211.43	64.303	60.558	495.45	26.4	0
"2012-10-03	12:00:00"	5.2599	215.54	69.463	51.107	674.74	26.394	0
"2012-10-03	13:00:00"	5.2232	222.66	76.076	40.266	803.8	26.391	0
"2012-10-03	14:00:00"	5.9105	226.45	81.951	30.336	862.55	26.367	0
"2012-10-03	15:00:00"	7.7286	244.9	87.318	19.163	851.23	26.35	0
"2012-10-03	16:00:00"	8.9701	271.22	89.923	14.1	769.98	26.344	0
"2012-10-03	17:00:00"	6.1683	277.08	90.947	12.546	623.08	26.335	0
"2012-10-03	18:00:00"	5.3506	269.6	91.164	11.885	414.55	26.338	0
"2012-10-03	19:00:00"	6.4169	246.19	90.243	12.776	198.66	26.344	0
"2012-10-03	20:00:00"	4.9088	224.05	85.271	16.347	23.157	26.347	0
"2012-10-03	21:00:00"	5.1449	225	84.02	17	0.08076	26.347	0
"2012-10-03	22:00:00"	5.1449	225	84.02	17	0.14097	26.347	0
"2012-10-03	23:00:00"	5.1449	225	84.02	17	0.12274	26.347	0
"2012-10-04	00:00:00"	5.1449	225	84.02	17	0.10875	26.347	0
"2012-10-04	01:00:00"	5.1449	225	84.02	17	0.15284	26.347	0
"2012-10-04	02:00:00"	5.1449	225	84.02	17	0.11023	26.347	0
"2012-10-04	03:00:00"	5.1449	225	84.02	17	0.15708	26.347	0
"2012-10-04	04:00:00"	5.1449	225	84.02	17	0.14733	26.347	0
"2012-10-04	05:00:00"	5.1449	225	84.02	17	0.15792	26.347	0
"2012-10-04	06:00:00"	5.1449	225	84.02	17	0.14711	26.347	0
"2012-10-04	07:00:00"	5.1449	225	84.02	17	0.13885	26.347	0
"2012-10-04	08:00:00"	5.1449	225	84.02	17	1.6759	26.347	0
"2012-10-04	09:00:00"	12.132	268.63	62.299	45.463	49.362	26.565	0
"2012-10-04	10:00:00"	19.192	7.384	56.245	51.713	270.39	26.595	0
"2012-10-04	11:00:00"	18.558	7.758	57.789	49.067	478.91	26.627	0
"2012-10-04	12:00:00"	17.523	10.856	60.591	47.531	661.92	26.642	0
"2012-10-04	13:00:00"	14.654	9.703	63.389	45.198	783.95	26.648	0
"2012-10-04	14:00:00"	10.204	17.71	66.032	43.052	840.51	26.639	0
"2012-10-04	15:00:00"	7.7404	17.605	68.049	40.731	826.1	26.612	0
"2012-10-04	16:00:00"	7.0184	3.4434	69.918	38.614	742.95	26.604	0
"2012-10-04	17:00:00"	5.6831	22.041	71.256	36.559	597.93	26.595	0
"2012-10-04	18:00:00"	5.2742	41.021	72.004	35.431	405.53	26.574	0
"2012-10-04	19:00:00"	5.5122	76.863	71.76	36.165	190.11	26.574	0
"2012-10-04	20:00:00"	5.0095	181.3	69.975	39.474	20.993	26.574	0
"2012-10-04	21:00:00"	4.4739	225	69.44	40.7	0.12486	26.574	0
"2012-10-04	22:00:00"	4.4739	225	69.44	40.7	0.10832	26.574	0
"2012-10-04	23:00:00"	4.4739	225	69.44	40.7	0.11998	26.574	0
"2012-10-05	00:00:00"	4.4739	225	69.44	40.7	0.18273	26.574	0
"2012-10-05	01:00:00"	4.4739	225	69.44	40.7	0.15453	26.574	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-05	02:00:00"	4.4739	225	69.44	40.7	0.17679	26.574	0
"2012-10-05	03:00:00"	4.4739	225	69.44	40.7	0.12019	26.574	0
"2012-10-05	04:00:00"	4.4739	225	69.44	40.7	0.10175	26.574	0
"2012-10-05	05:00:00"	4.4739	225	69.44	40.7	0.11892	26.574	0
"2012-10-05	06:00:00"	4.4739	225	69.44	40.7	0.12401	26.574	0
"2012-10-05	07:00:00"	4.4739	225	69.44	40.7	0.11616	26.574	0
"2012-10-05	08:00:00"	4.4739	225	69.44	40.7	1.7007	26.574	0
"2012-10-05	09:00:00"	8.5768	75.738	54.097	75.768	75.566	26.547	0
"2012-10-05	10:00:00"	11.909	72.06	51.976	83.945	239.57	26.562	0
"2012-10-05	11:00:00"	9.1814	68.769	54.188	83.015	311.54	26.571	0
"2012-10-05	12:00:00"	6.8121	69.021	56.871	79.835	377.93	26.571	0
"2012-10-05	13:00:00"	5.0114	119.16	60.586	71.452	742.99	26.547	0
"2012-10-05	14:00:00"	3.5909	109.84	64.936	60.573	837.49	26.521	0
"2012-10-05	15:00:00"	4.8299	125.83	70.081	49.747	821.3	26.488	0
"2012-10-05	16:00:00"	6.1162	142.85	73.978	44.785	736.11	26.465	0
"2012-10-05	17:00:00"	8.4432	152.98	77.223	41.046	593.17	26.444	0
"2012-10-05	18:00:00"	9.3355	136.95	78.182	42.567	398.31	26.429	0
"2012-10-05	19:00:00"	10.494	121.81	76.937	46.479	184.17	26.426	0
"2012-10-05	20:00:00"	10.853	183.87	73.337	52.771	18.703	26.426	0
"2012-10-05	21:00:00"	11.632	225	72.5	54.1	0.09433	26.426	0
"2012-10-05	22:00:00"	11.632	225	72.5	54.1	0.11659	26.426	0
"2012-10-05	23:00:00"	11.632	225	72.5	54.1	0.1592	26.426	0
"2012-10-06	00:00:00"	11.632	225	72.5	54.1	0.138	26.426	0
"2012-10-06	01:00:00"	11.632	225	72.5	54.1	0.15029	26.426	0
"2012-10-06	02:00:00"	11.632	225	72.5	54.1	0.12613	26.426	0
"2012-10-06	03:00:00"	11.632	225	72.5	54.1	0.12125	26.426	0
"2012-10-06	04:00:00"	11.632	225	72.5	54.1	0.11913	26.426	0
"2012-10-06	05:00:00"	11.632	225	72.5	54.1	0.10896	26.426	0
"2012-10-06	06:00:00"	11.632	225	72.5	54.1	0.06402	26.426	0
"2012-10-06	07:00:00"	11.632	225	72.5	54.1	0.05321	26.426	0
"2012-10-06	08:00:00"	11.632	225	72.5	54.1	0.31437	26.426	0
"2012-10-06	09:00:00"	13.241	224.83	57.781	69.358	21.114	26.592	0
"2012-10-06	10:00:00"	13.593	221.04	43.806	80.227	69.436	0	0
"2012-10-06	11:00:00"	13.039	69.801	45.235	70.357	163.8	26.604	0
"2012-10-06	12:00:00"	9.8226	71.983	47.331	62.287	270.35	26.592	0
"2012-10-06	13:00:00"	7.4552	67.32	50.024	57.124	443.93	26.583	0
"2012-10-06	14:00:00"	6.9935	70.352	52.249	54.101	386.26	26.559	0
"2012-10-06	15:00:00"	5.1903	66.864	54.187	50.999	397.3	26.536	0
"2012-10-06	16:00:00"	5.6222	61.163	55.956	49.811	494.07	26.524	0
"2012-10-06	17:00:00"	8.2388	67.803	57.134	47.822	466.26	26.509	0
"2012-10-06	18:00:00"	9.9053	71.11	56.323	48.849	223.45	26.515	0
"2012-10-06	19:00:00"	10.926	66.453	54.415	49.967	118.01	26.527	0
"2012-10-06	20:00:00"	12.411	192.04	51.776	51.038	15.767	26.542	0
"2012-10-06	21:00:00"	11.838	218.94	49.419	53.765	0.184	26.571	0
"2012-10-06	22:00:00"	11.632	225	48.74	54.8	0.18463	26.571	0
"2012-10-06	23:00:00"	11.632	225	48.74	54.8	0.18972	26.571	0
"2012-10-07	00:00:00"	11.632	225	48.74	54.8	0.19799	26.571	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-07	01:00:00"	11.632	225	48.74	54.8	0.18951	26.571	0
"2012-10-07	02:00:00"	11.632	225	48.74	54.8	0.2459	26.571	0
"2012-10-07	03:00:00"	11.632	225	48.74	54.8	0.19545	26.571	0
"2012-10-07	04:00:00"	11.632	225	48.74	54.8	0.20159	26.571	0
"2012-10-07	05:00:00"	11.632	225	48.74	54.8	0.19608	26.571	0
"2012-10-07	06:00:00"	11.632	225	48.74	54.8	0.17573	26.571	0
"2012-10-07	07:00:00"	11.632	225	48.74	54.8	0.21134	26.571	0
"2012-10-07	08:00:00"	11.632	225	48.74	54.8	0.71861	26.571	0
"2012-10-07	09:00:00"	8.7191	219.6	44.151	54.99	26.918	0	0
"2012-10-07	10:00:00"	5.6439	97.526	40.356	55.128	100.63	0	0
"2012-10-07	11:00:00"	4.3987	99.826	41.728	52.525	220.17	26.669	0
"2012-10-07	12:00:00"	5.4824	129.47	43.226	52.096	282.51	26.66	0
"2012-10-07	13:00:00"	5.7253	136.82	44.19	52.451	384.44	26.633	0
"2012-10-07	14:00:00"	4.395	141.6	46.251	49.731	492.11	26.609	0
"2012-10-07	15:00:00"	4.5143	140.9	47.845	48.931	453.07	26.583	0
"2012-10-07	16:00:00"	3.9544	139.76	49.265	48.31	427.18	26.565	0
"2012-10-07	17:00:00"	4.4987	95.812	50.088	48.585	403.55	26.559	0
"2012-10-07	18:00:00"	6.3461	90.761	50.536	49.086	214.77	26.559	0
"2012-10-07	19:00:00"	8.1226	83.546	49.8	49.4	165.02	26.562	0
"2012-10-07	20:00:00"	6.9357	181.18	48.194	52.593	18.106	26.562	0
"2012-10-07	21:00:00"	5.3904	181.57	45.024	59.176	0.16386	26.595	0
"2012-10-07	22:00:00"	5.2873	213.69	42.567	65.254	0.1592	26.612	0
"2012-10-07	23:00:00"	5.1499	213.44	41.001	69.765	0.2177	26.615	0
"2012-10-08	00:00:00"	4.4372	213	40.019	72.05	0.22618	0	0
"2012-10-08	01:00:00"	4.177	177.77	39.502	73.025	0.1486	0	0
"2012-10-08	02:00:00"	3.5269	117.01	38.707	74.953	0.1522	26.604	0
"2012-10-08	03:00:00"	2.0077	225	38.642	75.091	0.20032	0	0
"2012-10-08	04:00:00"	3.4076	181.68	37.558	78.307	0.12337	26.592	0
"2012-10-08	05:00:00"	4.7435	211.74	38.372	75.97	0.1628	0	0
"2012-10-08	06:00:00"	4.3098	190.96	38.411	76.569	0.19375	26.583	0
"2012-10-08	07:00:00"	2.6769	228.94	37.708	79.297	0.17213	26.586	0
"2012-10-08	08:00:00"	1.5615	225	37.026	80.974	3.1979	0	0
"2012-10-08	09:00:00"	3.2299	149.27	38.997	81.595	81.859	26.592	0
"2012-10-08	10:00:00"	7.9877	186.28	44.01	76.773	268.22	26.598	0
"2012-10-08	11:00:00"	9.3274	196.33	47.679	70.687	489.64	26.586	0
"2012-10-08	12:00:00"	10.248	188.51	50.759	64.896	665.33	26.571	0
"2012-10-08	13:00:00"	10.048	189.34	53.824	59.517	784.16	26.545	0
"2012-10-08	14:00:00"	11.142	186.73	57.877	53.698	836.12	26.512	0
"2012-10-08	15:00:00"	12.144	183.18	61.513	48.148	790.33	26.465	0
"2012-10-08	16:00:00"	13.105	182.9	64.791	44.183	725.21	26.444	0
"2012-10-08	17:00:00"	12.413	180.5	66.666	42.658	577.2	26.432	0
"2012-10-08	18:00:00"	11.443	186.55	67.233	42.481	381.45	26.423	0
"2012-10-08	19:00:00"	11.977	174.79	66.084	45.642	165.07	26.415	0
"2012-10-08	20:00:00"	9.2814	185.01	62.448	52.443	12.02	26.42	0
"2012-10-08	21:00:00"	4.984	203.79	58.272	61.762	0.12952	26.423	0
"2012-10-08	22:00:00"	4.6976	225	57.92	62.8	0.15792	26.423	0
"2012-10-08	23:00:00"	4.6976	225	57.92	62.8	0.11468	26.423	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-09	00:00:00"	4.6976	225	57.92	62.8	0.14245	26.423	0
"2012-10-09	01:00:00"	4.6976	225	57.92	62.8	0.15284	26.423	0
"2012-10-09	02:00:00"	4.6976	225	57.92	62.8	0.14287	26.423	0
"2012-10-09	03:00:00"	4.6976	225	57.92	62.8	0.1469	26.423	0
"2012-10-09	04:00:00"	4.6976	225	57.92	62.8	0.17637	26.423	0
"2012-10-09	05:00:00"	4.6976	225	57.92	62.8	0.15814	26.423	0
"2012-10-09	06:00:00"	4.6976	225	57.92	62.8	0.08691	26.423	0
"2012-10-09	07:00:00"	4.6976	225	57.92	62.8	0.10917	26.423	0
"2012-10-09	08:00:00"	4.6845	225	57.848	62.626	2.2692	0	0
"2012-10-09	09:00:00"	3.4175	242.92	50.561	89.379	91.551	26.432	0
"2012-10-09	10:00:00"	5.9962	221.23	55.1	80.682	274.55	26.453	0
"2012-10-09	11:00:00"	6.095	252.07	64.537	58.293	487.87	26.456	0
"2012-10-09	12:00:00"	10.056	293.01	77.198	30.216	661.37	26.444	0
"2012-10-09	13:00:00"	11.241	298.01	82.685	22.213	802.84	26.438	0
"2012-10-09	14:00:00"	8.5905	281.58	85.055	17.314	834.98	26.42	0
"2012-10-09	15:00:00"	8.6464	261.62	86.945	14.116	814.57	26.403	0
"2012-10-09	16:00:00"	8.931	266.26	87.727	13.288	722.75	26.394	0
"2012-10-09	17:00:00"	8.5668	265.88	87.871	13.049	574.25	26.379	0
"2012-10-09	18:00:00"	8.5942	267.59	87.145	12.838	366.62	26.379	0
"2012-10-09	19:00:00"	5.7129	243.8	86.046	14.067	169.49	26.382	0
"2012-10-09	20:00:00"	4.3689	217.48	82.096	17.282	10.455	26.388	0
"2012-10-09	21:00:00"	5.5923	225	81.32	17.7	0.10578	26.388	0
"2012-10-09	22:00:00"	5.5923	225	81.32	17.7	0.11871	26.388	0
"2012-10-09	23:00:00"	5.5923	225	81.32	17.7	0.14796	26.388	0
"2012-10-10	00:00:00"	5.5923	225	81.32	17.7	0.14584	26.388	0
"2012-10-10	01:00:00"	5.5923	225	81.32	17.7	0.13715	26.388	0
"2012-10-10	02:00:00"	5.5923	225	81.32	17.7	0.14012	26.388	0
"2012-10-10	03:00:00"	5.5923	225	81.32	17.7	0.13334	26.388	0
"2012-10-10	04:00:00"	5.5923	225	81.32	17.7	0.09815	26.388	0
"2012-10-10	05:00:00"	5.5923	225	81.32	17.7	0.14181	26.388	0
"2012-10-10	06:00:00"	5.5923	225	81.32	17.7	0.138	26.388	0
"2012-10-10	07:00:00"	5.5923	225	81.32	17.7	0.16577	26.388	0
"2012-10-10	08:00:00"	5.5768	225	81.183	17.651	1.5415	0	0
"2012-10-10	09:00:00"	11.782	18.463	48.772	70.608	71.383	26.604	0
"2012-10-10	10:00:00"	14.088	15.123	50.367	69.365	216.6	26.627	0
"2012-10-10	11:00:00"	13.116	18.546	52.458	67.958	272.28	26.642	0
"2012-10-10	12:00:00"	10.514	19.525	54.643	66.407	369.38	26.645	0
"2012-10-10	13:00:00"	9.4013	28.057	56.839	65.807	500.34	26.633	0
"2012-10-10	14:00:00"	7.6777	34.615	59.167	63.986	494.3	26.607	0
"2012-10-10	15:00:00"	5.2792	67.311	62.15	59.956	726.92	26.568	0
"2012-10-10	16:00:00"	4.8914	102.89	66.068	54.132	694.99	26.542	0
"2012-10-10	17:00:00"	5.9844	122.5	67.884	52.808	532.97	26.527	0
"2012-10-10	18:00:00"	7.3533	128.74	68.618	52.895	350.42	26.524	0
"2012-10-10	19:00:00"	6.7207	132.71	67.962	54.754	137.45	26.521	0
"2012-10-10	20:00:00"	6.8525	212.34	65.677	59.797	5.6259	26.527	0
"2012-10-10	21:00:00"	7.8293	225	65.12	61.7	0.11553	26.527	0
"2012-10-10	22:00:00"	7.8293	225	65.12	61.7	0.12189	26.527	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-10	23:00:00"	7.8293	225	65.12	61.7	0.10811	26.527	0
"2012-10-11	00:00:00"	7.8293	225	65.12	61.7	0.13058	26.527	0
"2012-10-11	01:00:00"	7.8293	225	65.12	61.7	0.11977	26.527	0
"2012-10-11	02:00:00"	7.8293	225	65.12	61.7	0.09518	26.527	0
"2012-10-11	03:00:00"	7.8293	225	65.12	61.7	0.10281	26.527	0
"2012-10-11	04:00:00"	7.8293	225	65.12	61.7	0.09687	26.527	0
"2012-10-11	05:00:00"	7.8293	225	65.12	61.7	0.10472	26.527	0
"2012-10-11	06:00:00"	7.8293	225	65.12	61.7	0.11362	26.527	0
"2012-10-11	07:00:00"	7.8293	225	65.12	61.7	0.09921	26.527	0
"2012-10-11	08:00:00"	7.8293	225	65.12	61.7	0.52274	26.527	0
"2012-10-11	09:00:00"	6.7617	181.98	62.222	73.473	26.578	26.53	0
"2012-10-11	10:00:00"	6.2336	126.29	60.918	84.808	120.04	26.545	0
"2012-10-11	11:00:00"	6.3013	154.84	63.065	83.345	185.21	26.547	0
"2012-10-11	12:00:00"	9.3349	162.35	68.73	76.181	489.48	26.533	0
"2012-10-11	13:00:00"	13.113	165.86	73.794	64.543	426.92	26.524	0
"2012-10-11	14:00:00"	13.089	176.37	76.086	57.147	506.76	26.506	0
"2012-10-11	15:00:00"	11.772	184.6	77.233	53.876	381.66	26.485	0
"2012-10-11	16:00:00"	10.013	179.88	81.499	42.999	657.26	26.471	0
"2012-10-11	17:00:00"	11.853	163.72	82.698	39.435	532.22	26.462	0
"2012-10-11	18:00:00"	11.447	157.53	82.457	39.988	300.94	26.462	0
"2012-10-11	19:00:00"	10.915	151.1	81.297	44.157	137.91	26.471	0
"2012-10-11	20:00:00"	8.9478	225	79.88	46.8	5.4419	26.471	0
"2012-10-11	21:00:00"	8.9478	225	79.88	46.8	0.10938	26.471	0
"2012-10-11	22:00:00"	8.9478	225	79.88	46.8	0.12422	26.471	0
"2012-10-11	23:00:00"	8.9478	225	79.88	46.8	0.11956	26.471	0
"2012-10-12	00:00:00"	8.9478	225	79.88	46.8	0.11299	26.471	0
"2012-10-12	01:00:00"	8.9478	225	79.88	46.8	0.08585	26.471	0
"2012-10-12	02:00:00"	8.9478	225	79.88	46.8	0.05236	26.471	0
"2012-10-12	03:00:00"	8.9478	225	79.88	46.8	0.0549	26.471	0
"2012-10-12	04:00:00"	8.9478	225	79.88	46.8	0.07546	26.471	0
"2012-10-12	05:00:00"	8.9478	225	79.88	46.8	0.0672	26.471	0
"2012-10-12	06:00:00"	8.9478	225	79.88	46.8	0.05978	26.471	0
"2012-10-12	07:00:00"	8.9478	225	79.88	46.8	0.05469	26.471	0
"2012-10-12	08:00:00"	8.9478	225	79.88	46.8	0.5999	26.471	0
"2012-10-12	09:00:00"	4.0925	224.32	67.693	80.389	16.97	26.542	0
"2012-10-12	10:00:00"	4.5416	204.22	66.637	90.321	91.101	26.562	0
"2012-10-12	11:00:00"	7.7168	150.41	69.325	83.149	180.92	26.559	0
"2012-10-12	12:00:00"	9.5362	149.56	72.181	72.903	477.42	26.547	0
"2012-10-12	13:00:00"	11.346	145.63	74.555	66.877	604.6	26.533	0
"2012-10-12	14:00:00"	8.6582	150.89	75.302	66.246	350.89	26.509	0
"2012-10-12	15:00:00"	13.049	145.91	77.825	60.309	543.26	26.485	0
"2012-10-12	16:00:00"	12.659	159.75	77.999	58.331	351.6	26.474	0
"2012-10-12	17:00:00"	12.138	153.98	79.079	55.873	307.97	26.453	0
"2012-10-12	18:00:00"	12.364	160.6	80.818	50.577	290.82	26.435	0
"2012-10-12	19:00:00"	14.534	143.46	79.477	53.418	114.57	26.423	0
"2012-10-12	20:00:00"	13.422	225	77.9	57	6.3013	26.423	0
"2012-10-12	21:00:00"	13.422	225	77.9	57	0.11256	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-12	22:00:00"	13.422	225	77.9	57	0.1327	26.423	0
"2012-10-12	23:00:00"	13.422	225	77.9	57	0.12104	26.423	0
"2012-10-13	00:00:00"	13.422	225	77.9	57	0.0956	26.423	0
"2012-10-13	01:00:00"	13.422	225	77.9	57	0.11786	26.423	0
"2012-10-13	02:00:00"	13.422	225	77.9	57	0.11383	26.423	0
"2012-10-13	03:00:00"	13.422	225	77.9	57	0.11468	26.423	0
"2012-10-13	04:00:00"	13.422	225	77.9	57	0.1575	26.423	0
"2012-10-13	05:00:00"	13.422	225	77.9	57	0.11171	26.423	0
"2012-10-13	06:00:00"	13.422	225	77.9	57	0.12804	26.423	0
"2012-10-13	07:00:00"	13.422	225	77.9	57	0.13757	26.423	0
"2012-10-13	08:00:00"	13.422	225	77.9	57	0.8157	26.423	0
"2012-10-13	09:00:00"	5.9241	221.9	66.728	74.71	56.509	26.453	0
"2012-10-13	10:00:00"	7.7379	208.82	65.726	76.086	245.48	26.459	0
"2012-10-13	11:00:00"	9.4461	237.38	71.514	50.817	460.4	26.462	0
"2012-10-13	12:00:00"	10.987	261.23	77.579	25.119	641.81	26.447	0
"2012-10-13	13:00:00"	11.733	242.37	79.724	23.129	761.7	26.426	0
"2012-10-13	14:00:00"	12.867	231.06	80.147	22.295	808.48	26.406	0
"2012-10-13	15:00:00"	10.849	258.45	80.535	20.496	790.16	26.388	0
"2012-10-13	16:00:00"	11.912	268.2	80.233	19.666	698.95	26.382	0
"2012-10-13	17:00:00"	12.393	257.12	81.305	15.619	555.52	26.379	0
"2012-10-13	18:00:00"	11.193	287.02	79.687	15.619	364.17	26.382	0
"2012-10-13	19:00:00"	9.3616	294.82	77.206	17.78	154.25	26.394	0
"2012-10-13	20:00:00"	6.4274	238.13	71.56	22.518	5.3705	26.406	0
"2012-10-13	21:00:00"	5.5923	225	70.16	23.9	0.16259	26.406	0
"2012-10-13	22:00:00"	5.5923	225	70.16	23.9	0.15602	26.406	0
"2012-10-13	23:00:00"	5.5923	225	70.16	23.9	0.13673	26.406	0
"2012-10-14	00:00:00"	5.5923	225	70.16	23.9	0.13588	26.406	0
"2012-10-14	01:00:00"	5.5923	225	70.16	23.9	0.17912	26.406	0
"2012-10-14	02:00:00"	5.5923	225	70.16	23.9	0.12698	26.406	0
"2012-10-14	03:00:00"	5.5923	225	70.16	23.9	0.13355	26.406	0
"2012-10-14	04:00:00"	5.5923	225	70.16	23.9	0.14817	26.406	0
"2012-10-14	05:00:00"	5.5923	225	70.16	23.9	0.19672	26.406	0
"2012-10-14	06:00:00"	5.5923	225	70.16	23.9	0.16852	26.406	0
"2012-10-14	07:00:00"	5.5923	225	70.16	23.9	0.16174	26.406	0
"2012-10-14	08:00:00"	5.5768	225	70.054	23.834	1.2628	0	0
"2012-10-14	09:00:00"	8.0915	328.31	56.489	48.169	75.105	26.636	0
"2012-10-14	10:00:00"	9.4032	15.563	62.942	38.698	257.27	26.666	0
"2012-10-14	11:00:00"	10.901	35.69	67.975	31.501	464.56	26.672	0
"2012-10-14	12:00:00"	10.296	35.762	70.841	28.4	636.16	26.674	0
"2012-10-14	13:00:00"	10.174	39.636	72.797	25.954	755.44	26.669	0
"2012-10-14	14:00:00"	9.3696	60.52	74.56	22.031	806.47	26.648	0
"2012-10-14	15:00:00"	9.7481	63.935	75.928	20.174	786.64	26.624	0
"2012-10-14	16:00:00"	8.7222	82.488	76.496	19.069	695.28	26.609	0
"2012-10-14	17:00:00"	8.1561	70.837	77.044	18.891	543.03	26.601	0
"2012-10-14	18:00:00"	6.6748	76.416	76.652	19.514	345.42	26.595	0
"2012-10-14	19:00:00"	7.2023	112.72	75.398	20.66	138.45	26.583	0
"2012-10-14	20:00:00"	7.1582	225	74.3	21.5	5.0447	26.583	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-14	21:00:00"	7.1582	225	74.3	21.5	0.12401	26.583	0
"2012-10-14	22:00:00"	7.1582	225	74.3	21.5	0.11002	26.583	0
"2012-10-14	23:00:00"	7.1582	225	74.3	21.5	0.14478	26.583	0
"2012-10-15	00:00:00"	7.1582	225	74.3	21.5	0.10472	26.583	0
"2012-10-15	01:00:00"	7.1582	225	74.3	21.5	0.10514	26.583	0
"2012-10-15	02:00:00"	7.1582	225	74.3	21.5	0.10917	26.583	0
"2012-10-15	03:00:00"	7.1582	225	74.3	21.5	0.12613	26.583	0
"2012-10-15	04:00:00"	7.1582	225	74.3	21.5	0.1469	26.583	0
"2012-10-15	05:00:00"	7.1582	225	74.3	21.5	0.13376	26.583	0
"2012-10-15	06:00:00"	7.1582	225	74.3	21.5	0.12952	26.583	0
"2012-10-15	07:00:00"	7.1582	225	74.3	21.5	0.14075	26.583	0
"2012-10-15	08:00:00"	7.1582	225	74.3	21.5	0.53779	26.583	0
"2012-10-15	09:00:00"	3.9575	241.4	58.83	47.752	49.36	26.601	0
"2012-10-15	10:00:00"	3.1932	257.94	57.8	51.111	207.95	26.618	0
"2012-10-15	11:00:00"	7.0538	199.29	64.74	38.691	464.1	26.621	0
"2012-10-15	12:00:00"	11.636	187.84	68.85	33.024	680.13	26.601	0
"2012-10-15	13:00:00"	10.738	188.92	71.609	28.688	734.49	26.574	0
"2012-10-15	14:00:00"	11.146	184.03	73.266	25.942	790.62	26.536	0
"2012-10-15	15:00:00"	9.9301	184.13	73.562	25.438	569.65	26.497	0
"2012-10-15	16:00:00"	10.686	187.88	75.413	25.074	519.58	26.477	0
"2012-10-15	17:00:00"	11.352	191.6	75.433	26.791	449.62	26.459	0
"2012-10-15	18:00:00"	10.947	195.3	74.927	28.378	224.88	26.459	0
"2012-10-15	19:00:00"	9.1572	202.67	73.43	32.545	68.255	26.45	0
"2012-10-15	20:00:00"	8.7241	225	73.04	32.8	3.0074	26.45	0
"2012-10-15	21:00:00"	8.7241	225	73.04	32.8	0.0973	26.45	0
"2012-10-15	22:00:00"	8.7241	225	73.04	32.8	0.10451	26.45	0
"2012-10-15	23:00:00"	8.7241	225	73.04	32.8	0.08691	26.45	0
"2012-10-16	00:00:00"	8.7241	225	73.04	32.8	0.1238	26.45	0
"2012-10-16	01:00:00"	8.7241	225	73.04	32.8	0.10472	26.45	0
"2012-10-16	02:00:00"	8.7241	225	73.04	32.8	0.10217	26.45	0
"2012-10-16	03:00:00"	8.7241	225	73.04	32.8	0.10896	26.45	0
"2012-10-16	04:00:00"	8.7241	225	73.04	32.8	0.1115	26.45	0
"2012-10-16	05:00:00"	8.7241	225	73.04	32.8	0.09391	26.45	0
"2012-10-16	06:00:00"	8.7241	225	73.04	32.8	0.10747	26.45	0
"2012-10-16	07:00:00"	8.7241	225	73.04	32.8	0.14563	26.45	0
"2012-10-16	08:00:00"	8.7241	225	73.04	32.8	0.36778	26.45	0
"2012-10-16	09:00:00"	6.6605	218.4	66.052	51.685	29.535	0	0
"2012-10-16	10:00:00"	6.6754	209.35	61.754	67.078	164.97	26.358	0
"2012-10-16	11:00:00"	10.88	217.65	68.964	54.525	502.62	26.356	0
"2012-10-16	12:00:00"	10.033	234.28	75.663	42.253	606.01	26.347	0
"2012-10-16	13:00:00"	9.0229	229.59	79.365	33.875	754.63	26.32	0
"2012-10-16	14:00:00"	9.2155	268.19	83.265	20.111	819.14	26.291	0
"2012-10-16	15:00:00"	10.325	237.86	83.936	21.618	796.89	26.261	0
"2012-10-16	16:00:00"	12.59	218.37	83.267	24.343	692.67	26.246	0
"2012-10-16	17:00:00"	12.407	218.05	84.406	18.098	544.77	26.226	0
"2012-10-16	18:00:00"	12.209	224.9	84.634	16.642	348.15	26.211	0
"2012-10-16	19:00:00"	10.007	223.78	82.656	17.461	111.85	26.214	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-16	20:00:00"	12.303	225	79.88	21	1.7683	26.214	0
"2012-10-16	21:00:00"	12.303	225	79.88	21	0.10005	26.214	0
"2012-10-16	22:00:00"	12.303	225	79.88	21	0.12592	26.214	0
"2012-10-16	23:00:00"	12.303	225	79.88	21	0.13249	26.214	0
"2012-10-17	00:00:00"	12.303	225	79.88	21	0.1151	26.214	0
"2012-10-17	01:00:00"	12.303	225	79.88	21	0.11468	26.214	0
"2012-10-17	02:00:00"	12.303	225	79.88	21	0.09433	26.214	0
"2012-10-17	03:00:00"	12.303	225	79.88	21	0.11722	26.214	0
"2012-10-17	04:00:00"	12.303	225	79.88	21	0.15199	26.214	0
"2012-10-17	05:00:00"	12.303	225	79.88	21	0.1257	26.214	0
"2012-10-17	06:00:00"	12.303	225	79.88	21	0.11765	26.214	0
"2012-10-17	07:00:00"	12.303	225	79.88	21	0.13588	26.214	0
"2012-10-17	08:00:00"	12.303	225	79.88	21	0.86827	26.214	0
"2012-10-17	09:00:00"	6.7102	213.58	64.144	30.237	70.649	26.243	0
"2012-10-17	10:00:00"	7.2315	285.15	67.304	25.512	252.14	26.27	0
"2012-10-17	11:00:00"	12.364	290.04	78.322	15.783	462.03	26.288	0
"2012-10-17	12:00:00"	11.481	292.14	81.776	13.956	637.33	26.291	0
"2012-10-17	13:00:00"	13.515	301.61	84.033	13.823	755.44	26.282	0
"2012-10-17	14:00:00"	14.279	304.75	85.217	14.818	805.71	26.261	0
"2012-10-17	15:00:00"	15.623	308.38	86.762	13.371	792.31	26.246	0
"2012-10-17	16:00:00"	15.156	312.61	87.096	12.84	693.1	26.237	0
"2012-10-17	17:00:00"	14.443	302.48	88.077	11.6	539.22	26.234	0
"2012-10-17	18:00:00"	12.416	308.13	87.574	10.515	336.56	26.232	0
"2012-10-17	19:00:00"	8.2394	308.96	84.929	10.891	108.95	26.243	0
"2012-10-17	20:00:00"	5.5923	225	81.32	12	2.7267	26.243	0
"2012-10-17	21:00:00"	5.5923	225	81.32	12	0.09963	26.243	0
"2012-10-17	22:00:00"	5.5923	225	81.32	12	0.131	26.243	0
"2012-10-17	23:00:00"	5.5923	225	81.32	12	0.16216	26.243	0
"2012-10-18	00:00:00"	5.5923	225	81.32	12	0.12316	26.243	0
"2012-10-18	01:00:00"	5.5923	225	81.32	12	0.1327	26.243	0
"2012-10-18	02:00:00"	5.5923	225	81.32	12	0.13863	26.243	0
"2012-10-18	03:00:00"	5.5923	225	81.32	12	0.15072	26.243	0
"2012-10-18	04:00:00"	5.5923	225	81.32	12	0.17446	26.243	0
"2012-10-18	05:00:00"	5.5923	225	81.32	12	0.17637	26.243	0
"2012-10-18	06:00:00"	5.5923	225	81.32	12	0.18909	26.243	0
"2012-10-18	07:00:00"	5.5923	225	81.32	12	0.1698	26.243	0
"2012-10-18	08:00:00"	5.5923	225	81.32	12	0.72115	26.243	0
"2012-10-18	09:00:00"	6.3672	225.03	56.77	32.381	54.059	26.462	0
"2012-10-18	10:00:00"	8.5358	62.455	52.909	34.634	241.12	26.497	0
"2012-10-18	11:00:00"	9.0291	91.788	58.505	28.636	498.62	26.518	0
"2012-10-18	12:00:00"	8.7296	102.01	61.38	27.903	606.2	26.509	0
"2012-10-18	13:00:00"	8.724	128.2	65.132	24.069	747.14	26.5	0
"2012-10-18	14:00:00"	8.5644	157.9	67.051	22.416	810.18	26.477	0
"2012-10-18	15:00:00"	6.1062	157.32	68.797	21.498	785.93	26.456	0
"2012-10-18	16:00:00"	4.1943	211.49	71.776	17.864	694.58	26.444	0
"2012-10-18	17:00:00"	3.6083	214.44	73.707	15.288	537.41	26.432	0
"2012-10-18	18:00:00"	2.885	40.381	74.22	14.104	341.54	26.42	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-18	19:00:00"	4.6025	120.36	73.01	16.255	132.18	26.423	0
"2012-10-18	20:00:00"	8.2766	225	70.88	20.1	5.6993	26.423	0
"2012-10-18	21:00:00"	8.2766	225	70.88	20.1	0.11277	26.423	0
"2012-10-18	22:00:00"	8.2766	225	70.88	20.1	0.1645	26.423	0
"2012-10-18	23:00:00"	8.2766	225	70.88	20.1	0.14648	26.423	0
"2012-10-19	00:00:00"	8.2766	225	70.88	20.1	0.12083	26.423	0
"2012-10-19	01:00:00"	8.2766	225	70.88	20.1	0.14923	26.423	0
"2012-10-19	02:00:00"	8.2766	225	70.88	20.1	0.15051	26.423	0
"2012-10-19	03:00:00"	8.2766	225	70.88	20.1	0.10281	26.423	0
"2012-10-19	04:00:00"	8.2766	225	70.88	20.1	0.13842	26.423	0
"2012-10-19	05:00:00"	8.2766	225	70.88	20.1	0.09899	26.423	0
"2012-10-19	06:00:00"	8.2766	225	70.88	20.1	0.12146	26.423	0
"2012-10-19	07:00:00"	8.2766	225	70.88	20.1	0.1575	26.423	0
"2012-10-19	08:00:00"	8.2766	225	70.88	20.1	0.81994	26.423	0
"2012-10-19	09:00:00"	6.9749	92.289	54.548	42.534	65.119	26.491	0
"2012-10-19	10:00:00"	5.5985	101.37	53.966	44.033	229.13	26.512	0
"2012-10-19	11:00:00"	7.4161	144.59	60.162	38.214	445.82	26.512	0
"2012-10-19	12:00:00"	8.1723	166.91	63.992	36.324	626.02	26.5	0
"2012-10-19	13:00:00"	6.7524	170.62	67.802	32.886	746.18	26.483	0
"2012-10-19	14:00:00"	6.1677	169.4	71.864	29.422	796.42	26.45	0
"2012-10-19	15:00:00"	6.5903	181.42	74.576	26.331	776.7	26.418	0
"2012-10-19	16:00:00"	6.6661	192.59	76.433	24.447	686.67	26.394	0
"2012-10-19	17:00:00"	6.8438	203.17	77.615	22.626	535.89	26.382	0
"2012-10-19	18:00:00"	6.932	208.81	78.031	21.147	337.92	26.37	0
"2012-10-19	19:00:00"	5.8403	191.92	76.474	23.092	126.08	26.361	0
"2012-10-19	20:00:00"	3.3554	225	73.58	26.2	2.916	26.361	0
"2012-10-19	21:00:00"	3.3554	225	73.58	26.2	0.14605	26.361	0
"2012-10-19	22:00:00"	3.3554	225	73.58	26.2	0.1238	26.361	0
"2012-10-19	23:00:00"	3.3554	225	73.58	26.2	0.10959	26.361	0
"2012-10-20	00:00:00"	3.3554	225	73.58	26.2	0.09115	26.361	0
"2012-10-20	01:00:00"	3.3554	225	73.58	26.2	0.13609	26.361	0
"2012-10-20	02:00:00"	3.3554	225	73.58	26.2	0.12761	26.361	0
"2012-10-20	03:00:00"	3.3554	225	73.58	26.2	0.13185	26.361	0
"2012-10-20	04:00:00"	3.3554	225	73.58	26.2	0.13779	26.361	0
"2012-10-20	05:00:00"	3.3554	225	73.58	26.2	0.14605	26.361	0
"2012-10-20	06:00:00"	3.3554	225	73.58	26.2	0.12168	26.361	0
"2012-10-20	07:00:00"	3.3554	225	73.58	26.2	0.09497	26.361	0
"2012-10-20	08:00:00"	3.3554	225	73.58	26.2	0.66498	26.361	0
"2012-10-20	09:00:00"	2.6265	246.8	58.336	55.871	68.22	26.335	0
"2012-10-20	10:00:00"	3.5493	227.75	59.358	51.518	249.06	26.347	0
"2012-10-20	11:00:00"	5.1698	223.27	68.196	33.738	462.14	26.347	0
"2012-10-20	12:00:00"	6.2597	215.83	76.948	24.309	619.01	26.341	0
"2012-10-20	13:00:00"	9.3063	242.62	83.609	15.15	561.59	26.323	0
"2012-10-20	14:00:00"	8.821	226.08	84.584	17.175	597.48	26.302	0
"2012-10-20	15:00:00"	9.2292	230.98	86.269	15.695	605.93	26.273	0
"2012-10-20	16:00:00"	10.534	221.64	87.753	14.316	686.09	26.261	0
"2012-10-20	17:00:00"	12.02	223.02	87.911	14.334	460.97	26.261	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-20	18:00:00"	10.662	217.7	85.482	16.844	206.29	26.252	0
"2012-10-20	19:00:00"	7.5813	217.6	83.457	19.115	99.12	26.249	0
"2012-10-20	20:00:00"	8.7241	225	81.86	21	2.4831	26.249	0
"2012-10-20	21:00:00"	8.7241	225	81.86	21	0.10027	26.249	0
"2012-10-20	22:00:00"	8.7241	225	81.86	21	0.11807	26.249	0
"2012-10-20	23:00:00"	8.7241	225	81.86	21	0.11383	26.249	0
"2012-10-21	00:00:00"	8.7241	225	81.86	21	0.14097	26.249	0
"2012-10-21	01:00:00"	8.7241	225	81.86	21	0.12825	26.249	0
"2012-10-21	02:00:00"	8.7241	225	81.86	21	0.12231	26.249	0
"2012-10-21	03:00:00"	8.7241	225	81.86	21	0.14796	26.249	0
"2012-10-21	04:00:00"	8.7241	225	81.86	21	0.13164	26.249	0
"2012-10-21	05:00:00"	8.7241	225	81.86	21	0.17276	26.249	0
"2012-10-21	06:00:00"	8.7241	225	81.86	21	0.12019	26.249	0
"2012-10-21	07:00:00"	8.7241	225	81.86	21	0.09518	26.249	0
"2012-10-21	08:00:00"	8.7241	225	81.86	21	0.45279	26.249	0
"2012-10-21	09:00:00"	5.0194	217.61	65.388	66.028	60.384	26.353	0
"2012-10-21	10:00:00"	3.4542	222.48	64.093	66.018	236.39	26.37	0
"2012-10-21	11:00:00"	5.588	267.7	72.043	39.396	448.16	26.382	0
"2012-10-21	12:00:00"	9.891	265.17	81.919	21.819	622.97	26.382	0
"2012-10-21	13:00:00"	11.71	256.19	84.405	18.526	741.88	26.379	0
"2012-10-21	14:00:00"	11.364	254.59	85.286	16.671	790.5	26.356	0
"2012-10-21	15:00:00"	11.974	263.26	86.527	14.616	765.73	26.329	0
"2012-10-21	16:00:00"	10.827	262.01	88.136	12.612	675.2	26.314	0
"2012-10-21	17:00:00"	11.391	237.15	88.103	12.219	395.43	26.317	0
"2012-10-21	18:00:00"	14.493	216.88	85.201	15.663	235.04	26.32	0
"2012-10-21	19:00:00"	6.2336	224.09	82.072	17.61	58.385	26.314	0
"2012-10-21	20:00:00"	7.1582	225	81.32	18.4	1.9617	26.314	0
"2012-10-21	21:00:00"	7.1582	225	81.32	18.4	0.10048	26.314	0
"2012-10-21	22:00:00"	7.1582	225	81.32	18.4	0.11404	26.314	0
"2012-10-21	23:00:00"	7.1582	225	81.32	18.4	0.12019	26.314	0
"2012-10-22	00:00:00"	7.1582	225	81.32	18.4	0.1132	26.314	0
"2012-10-22	01:00:00"	7.1582	225	81.32	18.4	0.09878	26.314	0
"2012-10-22	02:00:00"	7.1582	225	81.32	18.4	0.09899	26.314	0
"2012-10-22	03:00:00"	7.1582	225	81.32	18.4	0.12486	26.314	0
"2012-10-22	04:00:00"	7.1582	225	81.32	18.4	0.13185	26.314	0
"2012-10-22	05:00:00"	7.1582	225	81.32	18.4	0.10281	26.314	0.04
"2012-10-22	06:00:00"	7.1582	225	81.32	18.4	0.09348	26.314	0
"2012-10-22	07:00:00"	7.1582	225	81.32	18.4	0.08267	26.314	0
"2012-10-22	08:00:00"	7.1582	225	81.32	18.4	0.25883	26.314	0
"2012-10-22	09:00:00"	5.1853	219.46	70.628	41.363	54.541	26.4	0
"2012-10-22	10:00:00"	5.6557	208.12	62.534	63.646	236.19	26.418	0
"2012-10-22	11:00:00"	8.2251	188.06	68.286	52.315	433.72	26.432	0
"2012-10-22	12:00:00"	9.1571	199.4	72.899	40.685	590.42	26.432	0
"2012-10-22	13:00:00"	8.7085	228.38	77.685	31.029	707.01	26.418	0
"2012-10-22	14:00:00"	8.7371	233.09	80.472	26.677	756.81	26.385	0
"2012-10-22	15:00:00"	11.686	224.5	81.857	24.294	744.07	26.358	0
"2012-10-22	16:00:00"	12.48	219.53	82.597	22.645	653.77	26.347	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-22	17:00:00"	10.745	213.14	82.711	22.766	489.13	26.341	0
"2012-10-22	18:00:00"	13.054	218.01	82.434	18.263	315.45	26.35	0
"2012-10-22	19:00:00"	9.6747	217.92	80.761	20.841	110.13	26.358	0
"2012-10-22	20:00:00"	6.0397	225	78.98	23.5	2.3233	26.358	0
"2012-10-22	21:00:00"	6.0397	225	78.98	23.5	0.09221	26.358	0
"2012-10-22	22:00:00"	6.0397	225	78.98	23.5	0.09857	26.358	0
"2012-10-22	23:00:00"	6.0397	225	78.98	23.5	0.12719	26.358	0
"2012-10-23	00:00:00"	6.0397	225	78.98	23.5	0.1079	26.358	0
"2012-10-23	01:00:00"	6.0397	225	78.98	23.5	0.09539	26.358	0
"2012-10-23	02:00:00"	6.0397	225	78.98	23.5	0.10239	26.358	0
"2012-10-23	03:00:00"	6.0397	225	78.98	23.5	0.10875	26.358	0
"2012-10-23	04:00:00"	6.0397	225	78.98	23.5	0.07546	26.358	0
"2012-10-23	05:00:00"	6.0397	225	78.98	23.5	0.05787	26.358	0
"2012-10-23	06:00:00"	6.0397	225	78.98	23.5	0.06338	26.358	0
"2012-10-23	07:00:00"	6.0397	225	78.98	23.5	0.05003	26.358	0
"2012-10-23	08:00:00"	6.0397	225	78.98	23.5	0.32157	26.358	0
"2012-10-23	09:00:00"	6.0397	201.77	54.449	79.8	81.6	26.397	0
"2012-10-23	10:00:00"	6.5271	206	59.533	92.541	145.43	26.415	0
"2012-10-23	11:00:00"	6.4455	202.85	60.89	91.251	354.18	26.423	0
"2012-10-23	12:00:00"	7.3328	182.16	69.085	60.034	578.96	26.423	0
"2012-10-23	13:00:00"	6.8494	209.96	78.195	31.911	705.72	26.409	0
"2012-10-23	14:00:00"	8.5824	194.81	81.313	24.891	767.71	26.388	0
"2012-10-23	15:00:00"	8.3102	203.95	83.917	19.367	744.7	26.367	0
"2012-10-23	16:00:00"	6.6182	201.49	85.654	15.048	655.9	26.35	0
"2012-10-23	17:00:00"	10.794	191.98	85.38	17.026	508.26	26.344	0
"2012-10-23	18:00:00"	11.642	180.83	84.363	17.274	314.19	26.338	0
"2012-10-23	19:00:00"	8.7433	172.13	82.507	20.279	107.61	26.341	0
"2012-10-23	20:00:00"	6.0397	225	79.88	23.3	2.1414	26.341	0
"2012-10-23	21:00:00"	6.0397	225	79.88	23.3	0.1185	26.341	0
"2012-10-23	22:00:00"	6.0397	225	79.88	23.3	0.13461	26.341	0
"2012-10-23	23:00:00"	6.0397	225	79.88	23.3	0.07737	26.341	0
"2012-10-24	00:00:00"	6.0397	225	79.88	23.3	0.1344	26.341	0
"2012-10-24	01:00:00"	6.0397	225	79.88	23.3	0.10853	26.341	0
"2012-10-24	02:00:00"	6.0397	225	79.88	23.3	0.10917	26.341	0
"2012-10-24	03:00:00"	6.0397	225	79.88	23.3	0.08098	26.341	0
"2012-10-24	04:00:00"	6.0397	225	79.88	23.3	0.06084	26.341	0
"2012-10-24	05:00:00"	6.0397	225	79.88	23.3	0.05257	26.341	0
"2012-10-24	06:00:00"	6.0397	225	79.88	23.3	0.0619	26.341	0
"2012-10-24	07:00:00"	6.0397	225	79.88	23.3	0.06614	26.341	0
"2012-10-24	08:00:00"	6.0397	225	79.88	23.3	0.87505	26.341	0
"2012-10-24	09:00:00"	7.0408	206.32	71.123	56.722	28.525	26.358	0
"2012-10-24	10:00:00"	9.072	208.3	63.237	89.44	101.77	26.37	0
"2012-10-24	11:00:00"	11.064	183.26	65.008	87.215	187.48	26.367	0
"2012-10-24	12:00:00"	12.727	179.5	67.936	79.855	343.74	26.356	0
"2012-10-24	13:00:00"	13.112	180.59	74.173	62.229	606.32	26.338	0
"2012-10-24	14:00:00"	13.706	185.78	78.9	49.509	695.8	26.308	0
"2012-10-24	15:00:00"	13.15	192.77	82.254	40.632	706.38	26.282	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-24	16:00:00"	12.509	199.64	84.711	34.052	504.43	26.255	0
"2012-10-24	17:00:00"	13.743	194.2	86.012	30.021	373.04	26.246	0
"2012-10-24	18:00:00"	13.798	187.08	85.823	30.713	229.26	26.237	0
"2012-10-24	19:00:00"	11.586	198.28	83.955	38.206	53.782	26.243	0
"2012-10-24	20:00:00"	9.8425	225	82.58	44	2.7263	26.243	0
"2012-10-24	21:00:00"	9.8425	225	82.58	44	0.11892	26.243	0
"2012-10-24	22:00:00"	9.8425	225	82.58	44	0.12507	26.243	0
"2012-10-24	23:00:00"	9.8425	225	82.58	44	0.11956	26.243	0
"2012-10-25	00:00:00"	9.8425	225	82.58	44	0.09073	26.243	0
"2012-10-25	01:00:00"	9.8425	225	82.58	44	0.092	26.243	0
"2012-10-25	02:00:00"	9.8425	225	82.58	44	0.05978	26.243	0
"2012-10-25	03:00:00"	9.8425	225	82.58	44	0.05808	26.243	0
"2012-10-25	04:00:00"	9.8425	225	82.58	44	0.05363	26.243	0
"2012-10-25	05:00:00"	9.8425	225	82.58	44	0.06741	26.243	0
"2012-10-25	06:00:00"	9.8425	225	82.58	44	0.05808	26.243	0
"2012-10-25	07:00:00"	9.8425	225	82.58	44	0.05384	26.243	0.01
"2012-10-25	08:00:00"	9.8425	225	82.58	44	0.3398	26.243	0
"2012-10-25	09:00:00"	10.059	329.11	60.619	54.624	51.432	26.385	0
"2012-10-25	10:00:00"	19.132	17.559	54.331	64.166	213.76	26.429	0
"2012-10-25	11:00:00"	18.612	26.908	56.491	64.838	406.65	26.468	0
"2012-10-25	12:00:00"	19	35.504	58.448	58.354	569.76	26.485	0
"2012-10-25	13:00:00"	17.021	30.638	60.38	52.521	681.93	26.497	0
"2012-10-25	14:00:00"	15.727	23.759	60.91	47.65	735.79	26.483	0
"2012-10-25	15:00:00"	14.25	27.58	62.972	39.977	720.91	26.456	0
"2012-10-25	16:00:00"	13.036	35.647	65.259	33.278	637.86	26.453	0
"2012-10-25	17:00:00"	11.369	43.654	66.157	30.056	477.63	26.459	0
"2012-10-25	18:00:00"	11.034	40.259	65.679	29.82	296.13	26.471	0
"2012-10-25	19:00:00"	9.6984	43.64	63.507	32.707	93.911	26.485	0
"2012-10-25	20:00:00"	9.1714	225	61.52	35.1	1.7609	26.485	0
"2012-10-25	21:00:00"	9.1714	225	61.52	35.1	0.17976	26.485	0
"2012-10-25	22:00:00"	9.1714	225	61.52	35.1	0.13079	26.485	0
"2012-10-25	23:00:00"	9.1714	225	61.52	35.1	0.16725	26.485	0
"2012-10-26	00:00:00"	9.1714	225	61.52	35.1	0.16916	26.485	0
"2012-10-26	01:00:00"	9.1714	225	61.52	35.1	0.17234	26.485	0
"2012-10-26	02:00:00"	9.1714	225	61.52	35.1	0.1929	26.485	0
"2012-10-26	03:00:00"	9.1714	225	61.52	35.1	0.19968	26.485	0
"2012-10-26	04:00:00"	9.1714	225	61.52	35.1	0.17785	26.485	0
"2012-10-26	05:00:00"	9.1714	225	61.52	35.1	0.17785	26.485	0
"2012-10-26	06:00:00"	9.1714	225	61.52	35.1	0.24102	26.485	0
"2012-10-26	07:00:00"	9.1714	225	61.52	35.1	0.25416	26.485	0
"2012-10-26	08:00:00"	9.1714	225	61.52	35.1	0.4017	26.485	0
"2012-10-26	09:00:00"	8.3761	0.50716	42.567	66.428	50.561	26.701	0
"2012-10-26	10:00:00"	13.517	29.008	39.129	67.579	213.76	26.739	0
"2012-10-26	11:00:00"	14.747	27.494	42.12	59.087	411.98	26.754	0
"2012-10-26	12:00:00"	12.772	31.064	45.011	51.073	582.06	26.748	0
"2012-10-26	13:00:00"	10.436	34.674	47.753	44.926	698.46	26.736	0
"2012-10-26	14:00:00"	10.382	17.551	50.704	39.816	739.31	26.707	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-26	15:00:00"	11.354	23.675	52.858	35.837	725.33	26.686	0
"2012-10-26	16:00:00"	11.679	21.559	53.994	33.502	605.62	26.677	0
"2012-10-26	17:00:00"	10.876	36.607	54.559	31.35	481.23	26.666	0
"2012-10-26	18:00:00"	10.89	40.201	54.53	29.639	290.47	26.669	0
"2012-10-26	19:00:00"	10.52	41.723	52.865	28.649	98.197	26.68	0
"2012-10-26	20:00:00"	7.3819	225	51.44	29.1	1.8196	26.68	0
"2012-10-26	21:00:00"	7.3819	225	51.44	29.1	0.19714	26.68	0
"2012-10-26	22:00:00"	7.3819	225	51.44	29.1	0.15263	26.68	0
"2012-10-26	23:00:00"	7.3819	225	51.44	29.1	0.14817	26.68	0
"2012-10-27	00:00:00"	7.3819	225	51.44	29.1	0.16704	26.68	0
"2012-10-27	01:00:00"	7.3819	225	51.44	29.1	0.20774	26.68	0
"2012-10-27	02:00:00"	7.3819	225	51.44	29.1	0.19481	26.68	0
"2012-10-27	03:00:00"	7.3819	225	51.44	29.1	0.19566	26.68	0
"2012-10-27	04:00:00"	7.3819	225	51.44	29.1	0.20223	26.68	0
"2012-10-27	05:00:00"	7.3819	225	51.44	29.1	0.19481	26.68	0
"2012-10-27	06:00:00"	7.3819	225	51.44	29.1	0.16428	26.68	0
"2012-10-27	07:00:00"	7.3819	225	51.44	29.1	0.17721	26.68	0
"2012-10-27	08:00:00"	7.3819	225	51.44	29.1	0.40827	26.68	0
"2012-10-27	09:00:00"	4.7143	115.23	37.665	47.601	50.841	26.689	0
"2012-10-27	10:00:00"	6.607	113.51	37.901	49.359	215.84	26.701	0
"2012-10-27	11:00:00"	7.5994	137.15	41.905	42.326	415.49	26.695	0
"2012-10-27	12:00:00"	8.3978	147.93	45.006	33.122	584.47	26.674	0
"2012-10-27	13:00:00"	8.5625	160.74	48.141	25.886	705.37	26.648	0
"2012-10-27	14:00:00"	8.5078	167.1	50.517	24.637	748.91	26.601	0
"2012-10-27	15:00:00"	9.6095	190.61	52.828	23.221	719.33	26.568	0
"2012-10-27	16:00:00"	10.495	185.57	54.048	21.986	639.67	26.542	0
"2012-10-27	17:00:00"	9.5654	182.01	55.268	21.37	493.29	26.53	0
"2012-10-27	18:00:00"	9.3914	179.1	55.093	21.862	299.88	26.524	0
"2012-10-27	19:00:00"	7.6714	175.94	53.995	22.721	98.422	26.527	0
"2012-10-27	20:00:00"	5.5923	225	52.7	23.7	1.6649	26.527	0
"2012-10-27	21:00:00"	5.5923	225	52.7	23.7	0.19566	26.527	0
"2012-10-27	22:00:00"	5.5923	225	52.7	23.7	0.17997	26.527	0
"2012-10-27	23:00:00"	5.5923	225	52.7	23.7	0.25353	26.527	0
"2012-10-28	00:00:00"	5.5923	225	52.7	23.7	0.15962	26.527	0
"2012-10-28	01:00:00"	5.5923	225	52.7	23.7	0.18803	26.527	0
"2012-10-28	02:00:00"	5.5923	225	52.7	23.7	0.23742	26.527	0
"2012-10-28	03:00:00"	5.5923	225	52.7	23.7	0.18951	26.527	0
"2012-10-28	04:00:00"	5.5923	225	52.7	23.7	0.21134	26.527	0
"2012-10-28	05:00:00"	5.5923	225	52.7	23.7	0.25756	26.527	0
"2012-10-28	06:00:00"	5.5923	225	52.7	23.7	0.2336	26.527	0
"2012-10-28	07:00:00"	5.5923	225	52.7	23.7	0.19121	26.527	0
"2012-10-28	08:00:00"	5.5923	225	52.7	23.7	0.48162	26.527	0
"2012-10-28	09:00:00"	5.2307	134.45	40.99	46.967	48.868	26.627	0
"2012-10-28	10:00:00"	7.7479	123.66	43.493	43.907	211.22	26.642	0
"2012-10-28	11:00:00"	8.4016	143.35	48.708	35.49	410.07	26.636	0
"2012-10-28	12:00:00"	9.5281	160.88	52.502	30.09	580.17	26.63	0
"2012-10-28	13:00:00"	8.3823	166.8	56.037	28.229	696.63	26.612	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-28	14:00:00"	9.0372	161.19	59.148	26.573	748.02	26.592	0
"2012-10-28	15:00:00"	7.618	154.61	61.283	25.755	735.63	26.568	0
"2012-10-28	16:00:00"	7.6286	162.66	63.297	24.857	657.13	26.542	0
"2012-10-28	17:00:00"	8.6762	159.82	64.226	24.219	484.89	26.533	0
"2012-10-28	18:00:00"	9.2882	157.37	63.063	25.844	152.92	26.527	0
"2012-10-28	19:00:00"	7.9337	170.52	61.597	28.27	52.269	26.53	0
"2012-10-28	20:00:00"	6.2634	225	60.98	29.2	1.6869	26.53	0
"2012-10-28	21:00:00"	6.2634	225	60.98	29.2	0.13588	26.53	0
"2012-10-28	22:00:00"	6.2634	225	60.98	29.2	0.14817	26.53	0
"2012-10-28	23:00:00"	6.2634	225	60.98	29.2	0.16132	26.53	0
"2012-10-29	00:00:00"	6.2634	225	60.98	29.2	0.21537	26.53	0
"2012-10-29	01:00:00"	6.2634	225	60.98	29.2	0.14584	26.53	0
"2012-10-29	02:00:00"	6.2634	225	60.98	29.2	0.21791	26.53	0
"2012-10-29	03:00:00"	6.2634	225	60.98	29.2	0.17382	26.53	0
"2012-10-29	04:00:00"	6.2634	225	60.98	29.2	0.18188	26.53	0
"2012-10-29	05:00:00"	6.2634	225	60.98	29.2	0.184	26.53	0
"2012-10-29	06:00:00"	6.2634	225	60.98	29.2	0.21474	26.53	0
"2012-10-29	07:00:00"	6.2634	225	60.98	29.2	0.23805	26.53	0
"2012-10-29	08:00:00"	6.2634	225	60.98	29.2	0.41442	26.53	0
"2012-10-29	09:00:00"	3.6251	97.353	44.311	58.716	46.991	26.589	0
"2012-10-29	10:00:00"	5.7191	125.93	45.016	56.958	207.1	26.604	0
"2012-10-29	11:00:00"	7.1371	157.52	51.221	47.026	405.16	26.604	0
"2012-10-29	12:00:00"	6.3106	170.92	56.454	40.083	575.18	26.601	0
"2012-10-29	13:00:00"	6.2187	166.82	62.667	33.524	690.69	26.589	0
"2012-10-29	14:00:00"	5.9291	183.12	67.63	28.412	739.81	26.559	0
"2012-10-29	15:00:00"	7.1712	179.91	70.173	25.148	719.82	26.53	0
"2012-10-29	16:00:00"	7.2669	185.5	73.1	21.045	628.61	26.506	0
"2012-10-29	17:00:00"	6.5611	200.58	74.75	19.162	478.47	26.491	0
"2012-10-29	18:00:00"	8.176	185.22	74.815	16.985	289.2	26.474	0
"2012-10-29	19:00:00"	8.7284	187.81	73.401	17.072	90.712	26.48	0
"2012-10-29	20:00:00"	5.5923	225	70.88	20.5	1.2409	26.48	0
"2012-10-29	21:00:00"	5.5923	225	70.88	20.5	0.17043	26.48	0
"2012-10-29	22:00:00"	5.5923	225	70.88	20.5	0.13906	26.48	0
"2012-10-29	23:00:00"	5.5923	225	70.88	20.5	0.14881	26.48	0
"2012-10-30	00:00:00"	5.5923	225	70.88	20.5	0.16746	26.48	0
"2012-10-30	01:00:00"	5.5923	225	70.88	20.5	0.14499	26.48	0
"2012-10-30	02:00:00"	5.5923	225	70.88	20.5	0.13503	26.48	0
"2012-10-30	03:00:00"	5.5923	225	70.88	20.5	0.20223	26.48	0
"2012-10-30	04:00:00"	5.5923	225	70.88	20.5	0.19417	26.48	0
"2012-10-30	05:00:00"	5.5923	225	70.88	20.5	0.12634	26.48	0
"2012-10-30	06:00:00"	5.5923	225	70.88	20.5	0.19799	26.48	0
"2012-10-30	07:00:00"	5.5923	225	70.88	20.5	0.19778	26.48	0
"2012-10-30	08:00:00"	5.5923	225	70.88	20.5	0.28469	26.48	0
"2012-10-30	09:00:00"	3.6686	263.18	55.623	47.084	46.224	26.477	0
"2012-10-30	10:00:00"	3.1678	1.0683	51.541	52.777	206.47	26.497	0
"2012-10-30	11:00:00"	8.5867	3.1371	61.042	28.469	406.56	26.491	0
"2012-10-30	12:00:00"	7.316	345.28	66.513	21.046	578.06	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-10-30	13:00:00"	4.9225	338.6	71.199	17.889	692.37	26.488	0
"2012-10-30	14:00:00"	3.1006	137.03	74.956	15.856	739.17	26.468	0
"2012-10-30	15:00:00"	3.7071	146.19	76.773	14.086	716.9	26.444	0
"2012-10-30	16:00:00"	3.315	176.1	78.991	12.519	626.65	26.426	0
"2012-10-30	17:00:00"	3.1504	209.23	80.95	11.596	476.67	26.42	0
"2012-10-30	18:00:00"	4.5441	214.61	80.863	11.892	285.83	26.42	0
"2012-10-30	19:00:00"	6.7369	102.91	76.91	15.884	87.449	26.432	0
"2012-10-30	20:00:00"	6.0397	225	72.86	19.3	1.0991	26.432	0
"2012-10-30	21:00:00"	6.0397	225	72.86	19.3	0.09073	26.432	0
"2012-10-30	22:00:00"	6.0397	225	72.86	19.3	0.12422	26.432	0
"2012-10-30	23:00:00"	6.0397	225	72.86	19.3	0.16026	26.432	0
"2012-10-31	00:00:00"	6.0397	225	72.86	19.3	0.15708	26.432	0
"2012-10-31	01:00:00"	6.0397	225	72.86	19.3	0.13821	26.432	0
"2012-10-31	02:00:00"	6.0397	225	72.86	19.3	0.11087	26.432	0
"2012-10-31	03:00:00"	6.0397	225	72.86	19.3	0.14266	26.432	0
"2012-10-31	04:00:00"	6.0397	225	72.86	19.3	0.15686	26.432	0
"2012-10-31	05:00:00"	6.0397	225	72.86	19.3	0.15602	26.432	0
"2012-10-31	06:00:00"	6.0397	225	72.86	19.3	0.15644	26.432	0
"2012-10-31	07:00:00"	6.0397	225	72.86	19.3	0.19502	26.432	0
"2012-10-31	08:00:00"	6.0397	225	72.86	19.3	0.29656	26.432	0
"2012-10-31	09:00:00"	3.9594	255.96	59.524	45.409	41.742	26.524	0
"2012-10-31	10:00:00"	2.199	47.678	55.061	55.791	197.52	26.547	0
"2012-10-31	11:00:00"	2.6626	146.68	63.95	40.896	394.56	26.562	0
"2012-10-31	12:00:00"	4.71	151.81	68.915	31.736	563.5	26.565	0
"2012-10-31	13:00:00"	7.8398	157.56	73.053	24.32	677.74	26.547	0
"2012-10-31	14:00:00"	7.59	168.03	75.482	21.655	660.75	26.512	0.12
"2012-10-31	15:00:00"	9.1683	213.12	76.656	18.688	710.59	26.509	0
"2012-10-31	16:00:00"	9.1714	225	76.64	18.7	597.36	26.509	0
"2012-10-31	17:00:00"	9.1714	225	76.64	18.7	252.56	26.509	0
"2012-10-31	18:00:00"	9.1714	225	76.64	18.7	162.74	26.509	0
"2012-10-31	19:00:00"	9.1714	225	76.64	18.7	21.653	26.509	0
"2012-10-31	20:00:00"	9.1714	225	76.64	18.7	0.86318	26.509	0
"2012-10-31	21:00:00"	9.1714	225	76.64	18.7	0.05681	26.509	0
"2012-10-31	22:00:00"	9.1714	225	76.64	18.7	0.06147	26.509	0
"2012-10-31	23:00:00"	9.1714	225	76.64	18.7	0.08437	26.509	0
"2012-11-01	00:00:00"	9.1714	225	76.64	18.7	0.06847	26.509	0
"2012-11-01	01:00:00"	9.1714	225	76.64	18.7	0.06317	26.509	0
"2012-11-01	02:00:00"	9.1714	225	76.64	18.7	0.05045	26.509	0
"2012-11-01	03:00:00"	9.1714	225	76.64	18.7	0.06063	26.509	0
"2012-11-01	04:00:00"	9.1714	225	76.64	18.7	0.05639	26.509	0
"2012-11-01	05:00:00"	9.1714	225	76.64	18.7	0.05957	26.509	0
"2012-11-01	06:00:00"	9.1714	225	76.64	18.7	0.08034	26.509	0
"2012-11-01	07:00:00"	9.1714	225	76.64	18.7	0.06465	26.509	0
"2012-11-01	08:00:00"	9.1714	225	76.64	18.7	0.1522	26.509	0
"2012-11-01	09:00:00"	9.1714	225	76.64	18.7	44.965	26.509	0
"2012-11-01	10:00:00"	9.1714	225	76.64	18.7	207.26	26.509	0
"2012-11-01	11:00:00"	9.1714	225	76.64	18.7	403.78	26.509	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-01	12:00:00"	9.1714	225	76.64	18.7	571.07	26.509	0
"2012-11-01	13:00:00"	10.745	194.3	73.736	31.065	630.2	26.524	0
"2012-11-01	14:00:00"	9.4281	182.33	75.929	29.101	718.05	26.491	0
"2012-11-01	15:00:00"	10.854	177.2	77.933	21.489	699.13	26.462	0
"2012-11-01	16:00:00"	11.117	174.79	78.943	17.87	611.12	26.447	0
"2012-11-01	17:00:00"	10.684	190.76	79.547	14.636	466.48	26.438	0
"2012-11-01	18:00:00"	9.2006	192.27	78.996	14.54	275.01	26.435	0
"2012-11-01	19:00:00"	7.7081	184.32	76.496	16.305	81.635	26.438	0
"2012-11-01	20:00:00"	5.816	225	74.3	18.4	0.8564	26.438	0
"2012-11-01	21:00:00"	5.816	225	74.3	18.4	0.09815	26.438	0
"2012-11-01	22:00:00"	5.816	225	74.3	18.4	0.11277	26.438	0
"2012-11-01	23:00:00"	5.816	225	74.3	18.4	0.12867	26.438	0
"2012-11-02	00:00:00"	5.816	225	74.3	18.4	0.13885	26.438	0
"2012-11-02	01:00:00"	5.816	225	74.3	18.4	0.10578	26.438	0
"2012-11-02	02:00:00"	5.816	225	74.3	18.4	0.11913	26.438	0
"2012-11-02	03:00:00"	5.816	225	74.3	18.4	0.13948	26.438	0
"2012-11-02	04:00:00"	5.816	225	74.3	18.4	0.13355	26.438	0
"2012-11-02	05:00:00"	5.816	225	74.3	18.4	0.10472	26.438	0
"2012-11-02	06:00:00"	5.816	225	74.3	18.4	0.07462	26.438	0
"2012-11-02	07:00:00"	5.816	225	74.3	18.4	0.06084	26.438	0
"2012-11-02	08:00:00"	5.816	225	74.3	18.4	0.12316	26.438	0
"2012-11-02	10:00:00"	3.4783	250.15	58.233	80.659	205.72	26.456	0
"2012-11-02	11:00:00"	6.8251	215.96	59.534	75.505	377.18	26.459	0
"2012-11-02	12:00:00"	5.9819	219.6	66.298	55.378	542.4	26.459	0
"2012-11-02	13:00:00"	5.1002	243.26	74.633	33.187	663.58	26.444	0
"2012-11-02	14:00:00"	6.42	277.62	80.538	19.107	713.84	26.412	0
"2012-11-02	15:00:00"	9.9923	285.72	83.038	11.274	692.36	26.391	0
"2012-11-02	16:00:00"	8.8552	255.44	83.449	10.291	603.3	26.379	0
"2012-11-02	17:00:00"	7.4216	266.4	83.375	9.87	457.97	26.37	0
"2012-11-02	18:00:00"	6.4933	280.1	82.42	10.2	264.32	26.367	0
"2012-11-02	19:00:00"	3.0037	294.07	79.497	11.587	71.616	26.373	0
"2012-11-02	20:00:00"	0.90472	343.46	70.225	16.027	0.52465	26.385	0
"2012-11-02	21:00:00"	2.0164	267.02	67.326	17.047	0.10663	26.4	0
"2012-11-02	22:00:00"	0.8258	142.81	66.454	19.345	0.09518	26.409	0
"2012-11-02	23:00:00"	2.3929	122.6	65.832	22.745	0.08882	26.423	0
"2012-11-03	00:00:00"	4.5721	182.88	65.647	33.166	0.10196	26.423	0
"2012-11-03	01:00:00"	6.7461	189.3	63.676	43.255	0.08564	26.423	0
"2012-11-03	02:00:00"	4.1893	179.84	60.058	57.162	0.09285	26.426	0
"2012-11-03	03:00:00"	5.3668	219.18	59.615	62.957	0.11616	26.429	0
"2012-11-03	04:00:00"	4.8131	182.03	58.815	68.55	0.10111	26.429	0
"2012-11-03	05:00:00"	4.0066	235.91	58.164	73.343	0.11595	26.45	0
"2012-11-03	06:00:00"	2.3687	236.89	56.553	75.291	0.08691	26.441	0
"2012-11-03	07:00:00"	3.0168	235.38	56.651	75.855	0.10302	26.471	0
"2012-11-03	08:00:00"	5.5762	61.207	56.394	76.603	0.16492	26.497	0
"2012-11-03	09:00:00"	8.8825	35.996	54.343	67.874	54.49	26.53	0
"2012-11-03	10:00:00"	13.492	23.832	52.53	50.778	120.05	26.547	0
"2012-11-03	11:00:00"	12.371	26.624	53.739	50.367	158.13	26.559	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-03	12:00:00"	8.0045	23.116	54.981	48.794	209.24	26.598	0
"2012-11-03	13:00:00"	6.7667	66.277	57.563	46.304	180.05	26.586	0
"2012-11-03	14:00:00"	6.3809	36.01	59.858	45.761	192.88	26.547	0
"2012-11-03	15:00:00"	9.4424	358.02	62.246	44.008	203.86	26.527	0
"2012-11-03	16:00:00"	12.268	339.28	60.48	49.595	167.09	26.494	0
"2012-11-03	17:00:00"	9.8295	44.306	62.127	46.564	170.32	26.524	0
"2012-11-03	18:00:00"	6.6313	89.677	64.928	40.311	300.87	26.533	0
"2012-11-03	19:00:00"	5.5209	96.996	63.346	42.411	68.855	26.545	0
"2012-11-03	20:00:00"	4.1564	58.766	57.064	52.629	0.538	26.55	0
"2012-11-03	21:00:00"	4.4621	61.139	55.301	57.067	0.13588	26.559	0
"2012-11-03	22:00:00"	4.1607	55.872	51.334	64.711	0.11553	26.565	0
"2012-11-03	23:00:00"	3.7083	47.288	49.445	68.609	0.09348	26.574	0
"2012-11-04	00:00:00"	3.9886	52.533	48.923	70.777	0.11807	26.574	0
"2012-11-04	01:00:00"	5.291	52.946	48.904	71.923	0.12019	26.589	0
"2012-11-04	02:00:00"	4.4024	53.869	47.726	75.026	0.15962	26.583	0
"2012-11-04	03:00:00"	4.8535	46.674	46.374	78.276	0.15029	26.589	0
"2012-11-04	04:00:00"	4.8175	50.847	45.719	80.075	0.12655	26.595	0
"2012-11-04	05:00:00"	3.8755	43.922	45.033	80.663	0.13694	26.595	0
"2012-11-04	06:00:00"	2.9378	30.885	43.563	83.573	0.11362	26.586	0
"2012-11-04	07:00:00"	4.4086	34.777	42.833	83.464	0.11871	26.598	0
"2012-11-04	08:00:00"	4.0116	38.163	41.964	84.138	0.15008	26.604	0
"2012-11-04	09:00:00"	3.2802	38.828	42.493	83.337	34.386	26.612	0
"2012-11-04	10:00:00"	5.6352	49.912	49.09	70.697	177.22	26.627	0
"2012-11-04	11:00:00"	3.4685	99.46	55.752	57.486	365.62	26.624	0
"2012-11-04	12:00:00"	3.2392	166.95	60.682	54.505	528.85	26.633	0
"2012-11-04	13:00:00"	3.9985	182.25	64.557	48.925	641.36	26.621	0
"2012-11-04	14:00:00"	4.861	224.2	68.023	43.673	689.07	26.592	0
"2012-11-04	15:00:00"	7.0973	223.54	70.513	39.004	667.15	26.562	0
"2012-11-04	16:00:00"	6.4007	221.02	72.895	34.587	579.72	26.545	0
"2012-11-04	17:00:00"	6.1634	217.67	74.656	31.007	433.43	26.533	0
"2012-11-04	18:00:00"	5.9962	222.67	75.072	29.043	248.15	26.524	0
"2012-11-04	19:00:00"	6.8338	204.34	73.34	31.159	65.899	26.524	0
"2012-11-04	20:00:00"	5.1592	179.89	66.917	40.518	0.61347	26.536	0
"2012-11-04	21:00:00"	3.8898	185.29	62.561	47.138	0.07864	26.542	0
"2012-11-04	22:00:00"	4.5167	197.05	62.042	48.396	0.1221	26.547	0
"2012-11-04	23:00:00"	4.482	221.09	60.311	52.877	0.09412	26.553	0
"2012-11-05	00:00:00"	5.222	221.78	59.132	57.245	0.12698	26.553	0
"2012-11-05	01:00:00"	5.8987	222.52	58.178	61.838	0.10747	26.547	0
"2012-11-05	01:00:00"	3.146	229.17	55.548	67.744	0.10493	26.542	0
"2012-11-05	02:00:00"	4.2241	237.98	56.604	67.633	0.13249	26.55	0
"2012-11-05	03:00:00"	1.1203	292.27	53.686	74.706	0.09899	26.536	0
"2012-11-05	04:00:00"	0.91839	293.71	51.042	78.303	0.09878	26.524	0
"2012-11-05	05:00:00"	5.4457	312.39	49.416	77.834	0.12507	26.533	0
"2012-11-05	06:00:00"	9.2659	348.06	50.125	65.619	0.13885	26.545	0
"2012-11-05	07:00:00"	10.756	1.6777	50.534	58.878	0.13863	26.559	0
"2012-11-05	08:00:00"	10.54	24.829	49.046	58.861	35.282	26.583	0
"2012-11-05	09:00:00"	13.335	34.789	52.364	47.697	184.31	26.601	0

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"2012-11-05	10:00:00"	16.276	40.214	58.232	34.653	376.76	26.624	0
"2012-11-05	11:00:00"	15.414	45.125	62.929	27.296	542.75	26.633	0
"2012-11-05	12:00:00"	12.45	45.408	66.142	23.672	654.58	26.63	0
"2012-11-05	13:00:00"	9.7257	53.209	68.726	20.985	701.37	26.612	0
"2012-11-05	14:00:00"	8.3574	58.145	70.457	19.425	678.77	26.586	0
"2012-11-05	15:00:00"	6.5635	70.862	71.35	18.885	588.74	26.571	0
"2012-11-05	16:00:00"	5.0325	79.348	72.061	18.779	439.4	26.568	0
"2012-11-05	17:00:00"	5.25	77.011	71.832	18.956	251.06	26.571	0
"2012-11-05	18:00:00"	3.9227	59.76	69.92	20.608	65.785	26.568	0
"2012-11-05	19:00:00"	2.7962	59.093	64.125	25.315	0.53292	26.58	0
"2012-11-05	20:00:00"	1.3123	44.5	57.913	31.18	0.1204	26.583	0
"2012-11-05	21:00:00"	1.4236	78.889	57.001	33.166	0.13249	26.601	0
"2012-11-05	22:00:00"	1.687	73.432	53.415	38.083	0.10302	26.598	0
"2012-11-05	23:00:00"	3.2914	165.83	55.314	37.407	0.11722	26.586	0
"2012-11-06	00:00:00"	1.5603	189.73	53.973	40.301	0.12994	26.586	0
"2012-11-06	01:00:00"	0.76527	21.539	49.825	46.805	0.12324	26.586	0
"2012-11-06	02:00:00"	1.8821	219.87	50.558	48.157	0.14669	26.58	0
"2012-11-06	03:00:00"	3.7692	251.69	52.495	45.103	0.14881	26.574	0
"2012-11-06	04:00:00"	3.1553	296.36	47.913	49.831	0.12168	26.571	0
"2012-11-06	05:00:00"	2.4886	271.96	48.265	51.957	0.138	26.565	0
"2012-11-06	06:00:00"	2.0878	323.13	45.882	55.328	0.13863	26.574	0
"2012-11-06	07:00:00"	1.8921	328.9	41.181	64.024	0.15602	26.577	0
"2012-11-06	08:00:00"	2.7806	287.79	46.062	58.494	34.586	26.589	0
"2012-11-06	09:00:00"	3.6698	246.07	53.099	48.583	181.77	26.612	0
"2012-11-06	10:00:00"	6.8332	211.32	59.887	40.516	373.83	26.615	0
"2012-11-06	11:00:00"	5.9981	203.86	65.7	34.69	539.33	26.624	0
"2012-11-06	12:00:00"	6.1267	203.06	70.327	28.651	651.9	26.612	0
"2012-11-06	13:00:00"	5.5905	181.86	73.519	23.646	699.97	26.589	0
"2012-11-06	14:00:00"	3.8848	192.01	76.075	19.446	675.92	26.571	0
"2012-11-06	15:00:00"	4.7479	178.55	76.957	18.44	585.68	26.559	0
"2012-11-06	16:00:00"	5.4233	179.86	77.522	17.956	436.94	26.55	0
"2012-11-06	17:00:00"	6.0093	167.12	77.038	18.391	251.46	26.547	0
"2012-11-06	18:00:00"	6.3821	167.73	74.235	20.224	65.015	26.556	0
"2012-11-06	19:00:00"	4.4434	152.17	68.813	25.063	0.48501	26.562	0
"2012-11-06	20:00:00"	6.6431	137.91	66.924	26.499	0.10853	26.574	0
"2012-11-06	21:00:00"	6.4032	127.5	65.917	27.687	0.1026	26.577	0
"2012-11-06	22:00:00"	5.5793	119.83	63.744	30.269	0.14181	26.589	0
"2012-11-06	23:00:00"	7.0743	125.5	62.538	32.441	0.1238	26.598	0
"2012-11-07	00:00:00"	5.3575	137.85	60.481	37.461	0.10917	26.601	0
"2012-11-07	01:00:00"	3.2243	158.33	57.305	43.774	0.09899	26.598	0
"2012-11-07	02:00:00"	1.2993	134.28	54.9	50.483	0.11638	26.592	0
"2012-11-07	03:00:00"	1.2036	34.83	51.765	54.876	0.13185	26.583	0
"2012-11-07	04:00:00"	1.9213	36.258	46.257	61.518	0.1257	26.577	0
"2012-11-07	05:00:00"	1.6261	43.888	44.327	64.28	0.12994	26.571	0
"2012-11-07	06:00:00"	1.5112	66.136	45.204	66.403	0.13503	26.574	0
"2012-11-07	07:00:00"	1.4956	67.046	46.149	66.425	0.16874	26.58	0
"2012-11-07	08:00:00"	1.057	41.078	45.439	67.758	32.07	26.595	0

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"2012-11-07	09:00:00"	2.4538	117.17	54.772	54.567	176.88	26.601	0
"2012-11-07	10:00:00"	6.1155	173.86	61.831	45.618	366.07	26.604	0
"2012-11-07	11:00:00"	8.171	169.83	67.004	37.724	530.55	26.589	0
"2012-11-07	12:00:00"	10.311	163.45	71.409	32.591	644.52	26.565	0
"2012-11-07	13:00:00"	10.81	174.73	74.585	27.799	693.14	26.527	0
"2012-11-07	14:00:00"	11.31	186.7	76.513	23.141	674.93	26.494	0
"2012-11-07	15:00:00"	9.9065	199.34	78.381	18.927	587.27	26.477	0
"2012-11-07	16:00:00"	9.9724	210.66	79.26	17.272	440.71	26.465	0
"2012-11-07	17:00:00"	9.2389	204.43	78.892	17.989	250.43	26.456	0
"2012-11-07	18:00:00"	7.5745	183.9	76.028	19.193	64.608	26.456	0
"2012-11-07	19:00:00"	4.216	177.61	68.598	24.679	0.34362	26.465	0
"2012-11-07	20:00:00"	3.9252	175.59	64.376	29.56	0.09073	26.471	0
"2012-11-07	21:00:00"	4.5646	180.05	62.368	32.204	0.08903	26.474	0
"2012-11-07	22:00:00"	8.6685	193.86	62.078	40.988	0.11404	26.477	0
"2012-11-07	23:00:00"	8.6669	190.52	60.637	48.172	0.11977	26.471	0
"2012-11-08	00:00:00"	5.5824	181.98	58.467	56.665	0.10005	26.462	0
"2012-11-08	01:00:00"	5.2872	183.21	57.104	65.871	0.12761	26.453	0
"2012-11-08	02:00:00"	6.7717	199.99	56.678	69.796	0.10959	26.45	0
"2012-11-08	03:00:00"	6.0441	221.65	54.747	73.779	0.08924	26.438	0
"2012-11-08	04:00:00"	6.3653	203.3	54.512	77.047	0.11383	26.426	0
"2012-11-08	05:00:00"	6.8823	198.45	54.34	78.386	0.11235	26.429	0
"2012-11-08	06:00:00"	7.1023	199.06	52.63	82.309	0.10154	26.432	0
"2012-11-08	07:00:00"	6.3821	210.62	51.728	83.258	0.09899	26.444	0
"2012-11-08	08:00:00"	4.6379	222.26	50.6	85.792	27.551	26.456	0
"2012-11-08	09:00:00"	5.2114	212.44	52.738	80.602	166.32	26.474	0
"2012-11-08	10:00:00"	7.1538	221.06	58.242	65.07	335.82	26.483	0
"2012-11-08	11:00:00"	7.3844	219.96	66.306	44.078	489.67	26.471	0
"2012-11-08	12:00:00"	9.7263	219.28	73.068	29.635	658.57	26.453	0
"2012-11-08	13:00:00"	10.861	217.89	78.64	21.095	700.34	26.42	0
"2012-11-08	14:00:00"	9.9481	204.95	80.004	19.958	518.71	26.391	0
"2012-11-08	15:00:00"	10.396	204.06	81.887	17.537	560.94	26.373	0
"2012-11-08	16:00:00"	11.891	193.27	82.256	15.685	390.18	26.364	0
"2012-11-08	17:00:00"	12.904	182.85	81.022	15.098	165.84	26.361	0
"2012-11-08	18:00:00"	5.9005	175.34	76.827	18.194	46.286	26.361	0
"2012-11-08	19:00:00"	5.928	161.41	73.634	22.31	0.63	26.373	0
"2012-11-08	20:00:00"	8.089	152.2	69.481	32.259	0.1009	26.379	0
"2012-11-08	21:00:00"	6.5809	172.02	66.253	40.374	0.10408	26.391	0
"2012-11-08	22:00:00"	8.2332	184.3	65.195	46.079	0.10217	26.394	0
"2012-11-08	23:00:00"	8.4221	180.92	64	55.305	0.1062	26.394	0
"2012-11-09	00:00:00"	10.312	175.59	63.129	61.133	0.11913	26.388	0
"2012-11-09	01:00:00"	11.749	180.97	63.08	62.892	0.13867	26.388	0
"2012-11-09	02:00:00"	10.962	189.13	62.618	63.917	0.10069	26.391	0
"2012-11-09	03:00:00"	6.7158	196.54	60.198	68.861	0.10663	26.388	0
"2012-11-09	04:00:00"	4.2713	186.53	57.689	74.04	0.10959	26.382	0
"2012-11-09	05:00:00"	5.816	211.43	56.279	77.616	0.13609	26.385	0
"2012-11-09	06:00:00"	6.8885	192.47	54.948	80.013	0.12295	26.388	0
"2012-11-09	07:00:00"	7.1178	185.38	53.69	83.883	0.08522	26.391	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-09	08:00:00"	6.3504	183.24	52.803	85.69	27.636	26.406	0
"2012-11-09	09:00:00"	6.2286	194.99	55.265	79.571	165.89	26.42	0
"2012-11-09	10:00:00"	7.8871	192.09	62.323	55.177	354.38	26.429	0
"2012-11-09	11:00:00"	7.4496	208.23	68.169	39.234	517.68	26.429	0
"2012-11-09	12:00:00"	9.9444	244.41	75.416	27.635	628.28	26.409	0
"2012-11-09	13:00:00"	11.692	238.91	79.217	23	672.8	26.373	0
"2012-11-09	14:00:00"	13.41	205.4	78.28	23.874	651.23	26.347	0
"2012-11-09	15:00:00"	12.907	213.32	79.845	21.438	561.66	26.332	0
"2012-11-09	16:00:00"	15.452	218.2	80.45	19.857	419.43	26.323	0
"2012-11-09	17:00:00"	13.919	204.76	80.108	19.351	183.04	26.317	0
"2012-11-09	18:00:00"	10.067	177.29	76.304	23.389	20.39	26.314	0
"2012-11-09	19:00:00"	5.0269	182.07	71.248	28.838	0.23911	26.344	0
"2012-11-09	20:00:00"	11.43	168.57	71.554	34.294	0.12316	26.344	0
"2012-11-09	21:00:00"	8.1226	176.32	69.687	42.527	0.11256	26.353	0
"2012-11-09	22:00:00"	9.1478	178.17	66.913	57.441	0.11426	26.358	0
"2012-11-09	23:00:00"	14.084	172.55	65.301	66.994	0.13376	26.353	0
"2012-11-10	00:00:00"	13.824	180	64.103	70.594	0.10005	26.335	0
"2012-11-10	01:00:00"	13.8	172.21	63.028	71.67	0.07822	26.32	0
"2012-11-10	02:00:00"	15.074	168.01	62.724	69.878	0.08861	26.302	0
"2012-11-10	03:00:00"	13.747	163.72	61.832	68.631	0.10069	26.294	0
"2012-11-10	04:00:00"	10.016	182.9	60.472	69.25	0.10981	26.294	0
"2012-11-10	05:00:00"	8.7588	192.47	59.135	70.935	0.11722	26.294	0
"2012-11-10	06:00:00"	8.0113	185.52	57.845	73.004	0.11108	26.294	0
"2012-11-10	07:00:00"	6.9855	185.9	56.772	75.288	0.11574	26.294	0
"2012-11-10	08:00:00"	8.0225	184.42	55.865	79.397	33.462	26.299	0
"2012-11-10	09:00:00"	10.321	185.76	58.163	75.679	146.19	26.311	0
"2012-11-10	10:00:00"	14.646	185.64	63.792	61.402	354.62	26.296	0
"2012-11-10	11:00:00"	18.762	183.43	69.032	48.116	564.23	26.279	0
"2012-11-10	12:00:00"	18.935	194.2	73.757	36.248	604.67	26.264	0
"2012-11-10	13:00:00"	17.79	200.12	77.209	28.668	624.02	26.202	0
"2012-11-10	14:00:00"	20.939	211.06	80.574	20.468	650.69	26.184	0
"2012-11-10	15:00:00"	22.151	213.87	80.489	17.664	403.47	26.172	0
"2012-11-10	16:00:00"	20.438	216.43	80.262	17.639	366.95	26.161	0
"2012-11-10	17:00:00"	18.326	210.8	79.165	18.085	164.77	26.152	0
"2012-11-10	18:00:00"	14.47	207.45	78.07	18.848	33.756	26.152	0
"2012-11-10	19:00:00"	9.5822	205.19	75.715	20.919	0.23869	26.184	0
"2012-11-10	20:00:00"	8.711	240.09	73.68	24.688	0.11214	26.202	0
"2012-11-10	21:00:00"	5.7005	274.14	70.098	25.526	0.12337	26.229	0
"2012-11-10	22:00:00"	3.3436	238.29	68.111	28.282	0.09815	26.24	0
"2012-11-10	23:00:00"	4.5273	257.55	65.625	29.204	0.09158	26.258	0
"2012-11-11	00:00:00"	6.5238	297.09	62.15	31.929	0.12358	26.255	0
"2012-11-11	01:00:00"	7.5981	311.65	58.609	36.004	0.12973	26.273	0
"2012-11-11	02:00:00"	6.5294	306.3	55.395	40.259	0.12019	26.282	0
"2012-11-11	03:00:00"	11.434	335.13	51.734	39.372	0.12655	26.302	0
"2012-11-11	04:00:00"	12.787	356.95	47.842	32.739	0.11828	26.314	0
"2012-11-11	05:00:00"	8.8757	357.07	45.103	35.526	0.13503	26.335	0
"2012-11-11	06:00:00"	5.8831	331.16	41.079	40.969	0.16026	26.367	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-11	07:00:00"	5.9583	326.97	38.578	44.997	0.13058	26.4	0
"2012-11-11	08:00:00"	7.0749	327.07	40.3	42.594	26.801	26.432	0
"2012-11-11	09:00:00"	8.9508	327.23	45.391	36.055	164	26.468	0
"2012-11-11	10:00:00"	10.578	320.81	49.395	31.368	352.8	26.483	0
"2012-11-11	11:00:00"	13.381	303.74	52.935	26.319	526.86	26.497	0
"2012-11-11	12:00:00"	15.219	303.6	53.604	21.956	634.94	26.5	0
"2012-11-11	13:00:00"	15.486	297.43	54.948	16.964	690.97	26.5	0
"2012-11-11	14:00:00"	14.656	302.29	55.384	15.038	670.05	26.494	0
"2012-11-11	15:00:00"	14.924	291.16	55.837	13.983	581.06	26.491	0
"2012-11-11	16:00:00"	15.352	301.88	56.2	12.114	435.9	26.503	0
"2012-11-11	17:00:00"	14.434	305.65	55.924	9.9025	246.71	26.527	0
"2012-11-11	18:00:00"	11.431	331.15	52.857	11.251	60.392	26.55	0
"2012-11-11	19:00:00"	7.5447	335.14	46.39	14.269	0.43286	26.589	0
"2012-11-11	20:00:00"	4.8902	339.09	42.594	16.731	0.13545	26.609	0
"2012-11-11	21:00:00"	4.1396	322.34	37.837	20.115	0.15475	26.639	0
"2012-11-11	22:00:00"	3.7369	316.1	35.734	21.964	0.16577	26.66	0
"2012-11-11	23:00:00"	7.2197	300.21	35.911	21.272	0.14542	26.68	0
"2012-11-12	00:00:00"	5.4761	320.91	33.66	22.801	0.15241	26.698	0
"2012-11-12	01:00:00"	8.6414	335.25	36.819	21.155	0.18591	26.701	0
"2012-11-12	02:00:00"	10.666	340.62	38.567	20.83	0.21516	26.71	0
"2012-11-12	03:00:00"	14.651	346.99	38.96	21.423	0.12846	26.71	0
"2012-11-12	04:00:00"	13.798	348.1	38.93	21.895	0.14542	26.716	0
"2012-11-12	05:00:00"	9.507	340.59	36.652	24.638	0.15814	26.736	0
"2012-11-12	06:00:00"	7.1327	332.78	35.014	26.186	0.1664	26.757	0
"2012-11-12	07:00:00"	6.3852	335.37	35.558	25.196	0.18039	26.757	0
"2012-11-12	08:00:00"	5.1686	343.35	33.36	27.001	29.704	26.784	0
"2012-11-12	09:00:00"	8.1257	329.89	38.42	22.979	172.75	26.807	0
"2012-11-12	10:00:00"	9.8431	347.13	43.377	18.868	363.78	26.825	0
"2012-11-12	11:00:00"	4.8399	27.934	46.795	15.423	530.62	26.828	0
"2012-11-12	12:00:00"	3.4915	99.174	49.242	12.956	644.71	26.816	0
"2012-11-12	13:00:00"	3.5362	97.572	51.487	11.368	692.36	26.796	0
"2012-11-12	14:00:00"	3.9954	243.19	53.814	9.9308	670.76	26.766	0
"2012-11-12	15:00:00"	3.4499	133.34	54.299	9.9186	581.06	26.745	0
"2012-11-12	16:00:00"	5.0399	121.69	55.145	9.9706	432.65	26.734	0
"2012-11-12	17:00:00"	6.1516	153.23	54.307	10.933	244.57	26.739	0
"2012-11-12	18:00:00"	5.3631	138.78	52.526	11.617	53.944	26.742	0
"2012-11-12	19:00:00"	6.0776	113.48	47.865	14.684	0.22385	26.748	0
"2012-11-12	20:00:00"	7.344	113.41	45.08	18.473	0.15072	26.76	0
"2012-11-12	21:00:00"	5.3102	96.597	39.82	22.256	0.17446	26.772	0
"2012-11-12	22:00:00"	8.0934	117.85	42.937	23.603	0.12146	26.793	0
"2012-11-12	23:00:00"	8.99	118.23	43.142	28.895	0.18739	26.79	0
"2012-11-13	00:00:00"	6.7338	107.25	39.439	34.373	0.19545	26.781	0
"2012-11-13	01:00:00"	4.2409	95.317	35.5	39.982	0.1522	26.757	0
"2012-11-13	02:00:00"	6.7201	104.58	35.967	43.608	0.16662	26.745	0
"2012-11-13	03:00:00"	7.39	108.61	37.477	43.092	0.1592	26.731	0
"2012-11-13	04:00:00"	9.2572	114.14	37.996	41.877	0.15623	26.725	0
"2012-11-13	05:00:00"	9.0366	108.51	38.148	40.353	0.13524	26.722	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-13	06:00:00"	7.7075	110.07	37.368	41.785	0.20647	26.719	0
"2012-11-13	07:00:00"	5.9192	97.198	36.499	44.384	0.17234	26.725	0
"2012-11-13	08:00:00"	3.7661	75.988	35.237	47.164	10.484	26.725	0
"2012-11-13	09:00:00"	5.7334	90.658	36.387	46.705	150	26.731	0
"2012-11-13	10:00:00"	12.028	143.55	44.432	36.773	344.49	26.722	0
"2012-11-13	11:00:00"	14.639	154.54	48.387	31.909	507.1	26.71	0
"2012-11-13	12:00:00"	13.839	167.76	51.565	28.387	619.6	26.689	0
"2012-11-13	13:00:00"	10.434	175.7	53.472	25.929	667.1	26.672	0
"2012-11-13	14:00:00"	9.4566	176.25	54.812	24.188	646.85	26.639	0
"2012-11-13	15:00:00"	10.53	170.76	56.544	22.425	560.44	26.612	0
"2012-11-13	16:00:00"	9.5927	170.34	56.949	21.818	415.59	26.607	0
"2012-11-13	17:00:00"	10.2	172.49	56.871	21.904	233.8	26.598	0
"2012-11-13	18:00:00"	7.1054	177.23	55.012	22.994	55.093	26.615	0
"2012-11-13	19:00:00"	3.8972	162.34	50.127	27.043	0.36651	26.627	0
"2012-11-13	20:00:00"	5.3755	149.61	47.992	29.96	0.11934	26.636	0
"2012-11-13	21:00:00"	5.9546	155.46	46.219	32.649	0.14457	26.651	0
"2012-11-13	22:00:00"	6.8904	154.72	44.157	36.175	0.14372	26.666	0
"2012-11-13	23:00:00"	5.0157	159.33	41.051	40.468	0.14097	26.674	0
"2012-11-14	00:00:00"	3.3386	163.54	39.9	43.038	0.14881	26.683	0
"2012-11-14	01:00:00"	2.2972	152.24	38.209	46.012	0.12337	26.683	0
"2012-11-14	02:00:00"	2.1226	99.109	36.473	50.587	0.15157	26.686	0
"2012-11-14	03:00:00"	3.0596	113.16	37.419	51.687	0.1539	26.692	0
"2012-11-14	04:00:00"	1.1756	45.913	35.106	55.604	0.17997	26.68	0
"2012-11-14	05:00:00"	1.1241	102.99	35.254	55.429	0.18357	26.683	0
"2012-11-14	06:00:00"	2.1319	326.53	31.968	60.058	0.17276	26.689	0
"2012-11-14	07:00:00"	2.3482	315.99	28.439	66.462	0.15983	26.707	0
"2012-11-14	08:00:00"	2.1406	320.39	28.517	69.503	25.773	26.719	0
"2012-11-14	09:00:00"	2.6707	304.86	39.455	52.444	161.74	26.739	0
"2012-11-14	10:00:00"	1.8001	186.92	49.622	35.483	349.05	26.745	0
"2012-11-14	11:00:00"	3.5045	149.04	53.898	28.364	515.14	26.739	0
"2012-11-14	12:00:00"	3.4791	118.42	57.43	23.683	630.09	26.716	0
"2012-11-14	13:00:00"	5.5849	131.51	59.607	19.979	680.23	26.683	0
"2012-11-14	14:00:00"	6.0739	153.82	61.156	18.511	658.6	26.657	0
"2012-11-14	15:00:00"	5.3997	133.96	62.192	17.883	570.39	26.636	0
"2012-11-14	16:00:00"	6.9202	156.22	62.828	17.534	391.2	26.63	0
"2012-11-14	17:00:00"	6.607	150.88	62.043	17.944	183.94	26.618	0
"2012-11-14	18:00:00"	6.6772	146.04	60.303	19.835	71.002	26.612	0
"2012-11-14	19:00:00"	7.3173	136.06	55.989	25.966	0.3203	26.615	0
"2012-11-14	20:00:00"	6.9482	153.33	51.619	32.11	0.12189	26.612	0
"2012-11-14	21:00:00"	6.7499	153.58	49.169	36.031	0.12422	26.615	0
"2012-11-14	22:00:00"	3.9985	166.1	45.18	41.79	0.13185	26.615	0
"2012-11-14	23:00:00"	4.5851	178.4	44.644	44.089	0.12443	26.615	0
"2012-11-15	00:00:00"	5.6563	203.09	45.035	44.54	0.14436	26.601	0
"2012-11-15	01:00:00"	3.1752	180.2	42.652	49.146	0.14542	26.586	0
"2012-11-15	02:00:00"	2.7017	186.9	42.726	51.751	0.1469	26.577	0
"2012-11-15	03:00:00"	4.3415	194.92	43.228	53.985	0.13376	26.577	0
"2012-11-15	04:00:00"	4.8169	215.05	42.348	61.456	0.15962	26.565	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-15	05:00:00"	6.1329	202.05	41.571	74.094	0.10981	26.562	0
"2012-11-15	06:00:00"	3.5542	228.75	40.133	81.907	0.14923	26.565	0
"2012-11-15	07:00:00"	3.3138	225.04	40.148	85.541	0.08331	26.571	0
"2012-11-15	08:00:00"	0.99419	349.95	36.827	86.543	20.865	26.589	0
"2012-11-15	09:00:00"	1.7846	287.27	39.036	83.811	142.03	26.607	0
"2012-11-15	10:00:00"	3.5642	216	47.029	68.354	332.25	26.624	0
"2012-11-15	11:00:00"	3.123	219.7	52.986	51.15	505.35	26.627	0
"2012-11-15	12:00:00"	2.4613	243.12	60.225	36.299	604.3	26.604	0
"2012-11-15	13:00:00"	3.5654	257.9	65.354	26.189	666.05	26.583	0
"2012-11-15	14:00:00"	4.8765	282.9	68.971	18.53	635.7	26.568	0
"2012-11-15	15:00:00"	5.7234	316.57	70.75	15.579	559.41	26.556	0
"2012-11-15	16:00:00"	8.7582	314.63	72.338	12.167	413.21	26.568	0
"2012-11-15	17:00:00"	11.019	344.93	70.373	10.06	234.42	26.583	0
"2012-11-15	18:00:00"	9.1186	347.4	64.59	12.566	34.188	26.609	0
"2012-11-15	19:00:00"	8.8458	0.52528	59.054	17.074	0.11765	26.624	0
"2012-11-15	20:00:00"	8.9061	8.5608	54.995	20.71	0.11807	26.642	0
"2012-11-15	21:00:00"	9.5101	15.687	52.069	23.593	0.10832	26.654	0
"2012-11-15	22:00:00"	10.255	25.735	50.774	25.128	0.14945	26.663	0
"2012-11-15	23:00:00"	8.7837	28.816	47.762	28.587	0.12104	26.672	0
"2012-11-16	00:00:00"	8.2443	27.77	44.773	32.345	0.16047	26.683	0
"2012-11-16	01:00:00"	8.6153	26.675	43.966	33.824	0.16089	26.68	0
"2012-11-16	02:00:00"	8.7508	25.872	43.354	35.157	0.14499	26.68	0
"2012-11-16	03:00:00"	10.232	29.918	44.012	35.175	0.15792	26.686	0
"2012-11-16	04:00:00"	9.3361	35.408	44.783	35.085	0.14245	26.68	0
"2012-11-16	05:00:00"	8.6439	30.508	44.42	36.37	0.1592	26.686	0
"2012-11-16	06:00:00"	7.9871	29.322	43.907	37.691	0.14648	26.692	0
"2012-11-16	07:00:00"	7.3527	29.357	43.747	39.047	0.15856	26.71	0
"2012-11-16	08:00:00"	7.4223	42.768	43.636	40.736	24.912	26.71	0
"2012-11-16	09:00:00"	8.7029	53.693	45.552	39.292	140.3	26.736	0
"2012-11-16	10:00:00"	9.2392	55.339	48.922	38.896	307.08	26.751	0
"2012-11-16	11:00:00"	7.3688	57.703	52.703	39.699	479.68	26.748	0
"2012-11-16	12:00:00"	7.2539	96.34	56.877	41.643	586.42	26.719	0
"2012-11-16	13:00:00"	8.7017	134.75	60.306	43.46	641.52	26.686	0
"2012-11-16	14:00:00"	8.5923	138.9	62.263	41.363	626.28	26.666	0
"2012-11-16	15:00:00"	7.2533	139.78	63.463	40.006	434.64	26.654	0
"2012-11-16	16:00:00"	8.1257	140.38	63.31	40.355	245.47	26.642	0
"2012-11-16	17:00:00"	8.9372	136.81	63.434	39.574	200.49	26.645	0
"2012-11-16	18:00:00"	8.6159	138.51	61.618	41.862	24.48	26.642	0
"2012-11-16	19:00:00"	7.5869	143.68	59.367	47.893	0.14224	26.654	0
"2012-11-16	20:00:00"	6.1329	140.03	56.622	53.945	0.12189	26.663	0
"2012-11-16	21:00:00"	5.2164	123.67	54.631	57.234	0.10853	26.674	0
"2012-11-16	22:00:00"	7.0134	140.17	54.013	58.779	0.12146	26.677	0
"2012-11-16	23:00:00"	7.3154	145.9	52.165	64.27	0.12125	26.674	0
"2012-11-17	00:00:00"	6.2156	147.81	50.447	71.625	0.14436	26.672	0
"2012-11-17	01:00:00"	4.8896	143.62	50.256	74.913	0.1327	26.66	0
"2012-11-17	02:00:00"	5.2817	165.32	50.156	76.969	0.13567	26.654	0
"2012-11-17	03:00:00"	7.2955	187.27	51.201	78.683	0.08458	26.654	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-17	04:00:00"	7.7994	185.52	51.894	79.293	0.11659	26.63	0
"2012-11-17	05:00:00"	11.812	161.71	52.109	79.205	0.11956	26.627	0
"2012-11-17	06:00:00"	12.813	167.37	51.366	79.457	0.11807	26.63	0
"2012-11-17	07:00:00"	12.219	170	50.693	77.796	0.12358	26.645	0
"2012-11-17	08:00:00"	11.076	169.45	49.972	76.613	8.2742	26.663	0
"2012-11-17	09:00:00"	9.1907	166.56	50.206	75.536	58.109	26.669	0
"2012-11-17	10:00:00"	9.5735	163.7	51.056	75.418	143.81	26.672	0
"2012-11-17	11:00:00"	7.7976	166.1	52.641	73.455	328.17	26.674	0
"2012-11-17	12:00:00"	7.398	152.56	56.442	63.876	586	26.654	0
"2012-11-17	13:00:00"	8.1518	162.61	60.087	54.179	642.98	26.621	0
"2012-11-17	14:00:00"	7.3813	174.33	63.105	48.11	586.29	26.604	0
"2012-11-17	15:00:00"	8.7576	156.62	64.977	43.956	402.66	26.589	0
"2012-11-17	16:00:00"	9.3591	152.49	65.588	42.276	245	26.583	0
"2012-11-17	17:00:00"	10.062	159.84	64.986	43.805	107.95	26.58	0
"2012-11-17	18:00:00"	10.814	151.5	63.422	46.451	21.404	26.58	0
"2012-11-17	19:00:00"	8.5563	156.94	61.675	49.774	0.11171	26.589	0
"2012-11-17	20:00:00"	7.7796	167.19	59.613	53.546	0.10027	26.598	0
"2012-11-17	21:00:00"	5.9179	153.19	57.655	56.401	0.13757	26.583	0
"2012-11-17	22:00:00"	7.0811	141.92	56.816	57.63	0.10111	26.58	0
"2012-11-17	23:00:00"	7.1482	168.05	56.319	58.368	0.11638	26.574	0
"2012-11-18	00:00:00"	7.6323	172.78	55.724	60.165	0.11871	26.559	0
"2012-11-18	01:00:00"	6.5553	173.41	54.436	62.906	0.12768	26.547	0
"2012-11-18	02:00:00"	5.7402	175.28	52.512	67.565	0.13694	26.53	0
"2012-11-18	03:00:00"	8.9993	183.38	52.949	68.737	0.12358	26.527	0
"2012-11-18	04:00:00"	9.1646	190.26	52.192	69.882	0.13736	26.524	0
"2012-11-18	05:00:00"	5.2382	201.78	51.298	70.484	0.1327	26.521	0
"2012-11-18	06:00:00"	3.9588	184.54	50.685	71.337	0.13164	26.521	0
"2012-11-18	07:00:00"	5.4003	167.02	50.238	72.211	0.09878	26.524	0
"2012-11-18	08:00:00"	4.2303	153.98	50.335	72.729	4.8488	26.539	0
"2012-11-18	09:00:00"	4.5839	186.88	50.761	72.851	35.096	26.553	0
"2012-11-18	10:00:00"	8.8073	191.95	52.585	71.539	93.904	26.571	0
"2012-11-18	11:00:00"	7.3297	207.84	53.035	75.337	62.435	26.598	0.02
"2012-11-18	12:00:00"	4.1949	257.52	52.018	85.323	87.831	26.568	0.04
"2012-11-18	13:00:00"	5.2953	267.12	53.873	87.46	124.76	26.556	0.02
"2012-11-18	14:00:00"	5.4966	322.13	55.011	88.83	77.562	26.545	0.05
"2012-11-18	15:00:00"	6.553	299.03	56.387	89.268	55.987	26.547	0.09
"2012-11-18	16:00:00"	3.8233	232.57	56.986	88.457	133.9	26.542	0.04
"2012-11-18	17:00:00"	5.0573	213.33	57.651	88.205	66.624	26.547	0
"2012-11-18	18:00:00"	5.4705	183.2	57.016	90.02	20.029	26.553	0
"2012-11-18	19:00:00"	4.5578	157.39	55.937	90.617	0.06147	26.553	0
"2012-11-18	20:00:00"	4.7827	183.82	56.231	87.191	0.05914	26.571	0
"2012-11-18	21:00:00"	6.7369	196.18	56.334	83.215	0.07737	26.58	0
"2012-11-18	22:00:00"	6.7897	188.76	54.885	82.312	0.11044	26.589	0
"2012-11-18	23:00:00"	6.4778	188.47	52.856	84.44	0.11956	26.589	0
"2012-11-19	00:00:00"	5.4065	210.69	51.852	86.136	0.10705	26.586	0
"2012-11-19	01:00:00"	5.6035	222.17	51.325	87.215	0.09793	26.568	0
"2012-11-19	02:00:00"	4.1545	223.31	49.897	89.465	0.09179	26.553	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-19	03:00:00"	2.7222	224.35	48.855	90.847	0.08076	26.565	0
"2012-11-19	04:00:00"	2.0213	242.4	48.043	92.099	0.08352	26.565	0
"2012-11-19	05:00:00"	2.5116	272.19	47.887	92.086	0.07546	26.565	0.01
"2012-11-19	06:00:00"	1.9374	233.46	47.704	92.371	0.0708	26.571	0
"2012-11-19	07:00:00"	1.8809	243.45	47.792	92.433	0.08246	26.577	0
"2012-11-19	08:00:00"	3.0789	223.63	47.298	92.855	7.9726	26.595	0
"2012-11-19	09:00:00"	3.1883	231.52	46.13	93.026	102.55	26.618	0
"2012-11-19	10:00:00"	4.3173	251.72	52.307	88.165	314.54	26.636	0
"2012-11-19	11:00:00"	6.356	279.17	59.86	70.834	463.64	26.642	0
"2012-11-19	12:00:00"	8.3021	301.51	65.35	51.417	523.29	26.63	0
"2012-11-19	13:00:00"	9.7866	309.59	68.076	39.459	496.25	26.609	0
"2012-11-19	14:00:00"	8.1157	303.48	69.44	31.776	487.09	26.589	0
"2012-11-19	15:00:00"	6.9475	291.92	70.437	28.111	466.91	26.577	0
"2012-11-19	16:00:00"	5.8844	263.49	70.043	27.874	264.97	26.58	0
"2012-11-19	17:00:00"	7.4098	266.78	69.867	27.038	227	26.586	0
"2012-11-19	18:00:00"	5.7694	276.74	66.799	31.202	51.089	26.598	0
"2012-11-19	19:00:00"	1.3521	318.86	59.496	45	0.13524	26.604	0
"2012-11-19	20:00:00"	1.3459	265.34	55.615	52.701	0.10133	26.607	0
"2012-11-19	21:00:00"	1.6951	246.63	56.08	50.001	0.10981	26.609	0
"2012-11-19	22:00:00"	2.3053	237.74	56.305	48.654	0.15241	26.618	0
"2012-11-19	23:00:00"	1.2775	315.29	52.049	57.142	0.13122	26.618	0
"2012-11-20	00:00:00"	1.3496	340.39	47.12	70.282	0.11786	26.621	0
"2012-11-20	01:00:00"	2.9192	320.3	46.429	74.481	0.16108	0	0
"2012-11-20	02:00:00"	5.77	318.66	48.926	65.741	0.17001	26.627	0
"2012-11-20	03:00:00"	5.7533	318.22	49.445	63.039	0.12676	26.621	0
"2012-11-20	04:00:00"	5.6501	324.4	48.497	63.094	0.13545	26.615	0
"2012-11-20	05:00:00"	4.7479	319.14	45.679	64.888	0.15835	26.615	0
"2012-11-20	06:00:00"	5.8589	319.1	45.544	59.851	0.13503	26.624	0
"2012-11-20	07:00:00"	5.7694	321.96	43.84	61.062	0.15771	26.633	0
"2012-11-20	08:00:00"	6.2069	331.24	44.547	56.074	16.374	26.651	0
"2012-11-20	09:00:00"	6.9388	349.94	48.299	47.184	138.22	26.677	0
"2012-11-20	10:00:00"	7.3589	355.49	54.665	35.998	295.86	26.689	0
"2012-11-20	11:00:00"	4.9157	18.851	62.011	27.626	504.12	26.689	0
"2012-11-20	12:00:00"	3.6431	79.991	66.782	21.318	624.11	26.674	0
"2012-11-20	13:00:00"	2.8857	202.08	69.861	16.062	659.21	26.648	0
"2012-11-20	14:00:00"	3.9122	177.44	70.641	14.778	618.82	26.627	0
"2012-11-20	15:00:00"	3.0348	66.317	70.946	14.733	500.88	26.609	0
"2012-11-20	16:00:00"	2.6526	190.3	71.528	14.527	366.55	26.607	0
"2012-11-20	17:00:00"	1.8001	236.51	71.513	14.553	203.85	26.607	0
"2012-11-20	18:00:00"	1.9492	287.68	68.438	17.649	42.434	26.612	0
"2012-11-20	19:00:00"	3.1615	22.371	58.357	30.479	0.13991	26.618	0
"2012-11-20	20:00:00"	3.9985	48.848	55.34	32.729	0.12507	26.627	0
"2012-11-20	21:00:00"	4.326	73.398	55.188	32.576	0.11214	26.639	0
"2012-11-20	22:00:00"	5.4979	104.52	54.606	35.125	0.13545	26.639	0
"2012-11-20	23:00:00"	4.7218	107.9	55.427	33.822	0.12274	26.636	0
"2012-11-21	00:00:00"	3.8469	102.62	52.897	37.488	0.14648	26.633	0
"2012-11-21	01:00:00"	5.9391	131.41	54.751	32.967	0.13418	26.63	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-21	02:00:00"	3.9376	106.19	51.993	39.624	0.13885	26.624	0
"2012-11-21	03:00:00"	4.5627	107.51	53.496	38.4	0.131	26.618	0
"2012-11-21	04:00:00"	3.3511	108.32	52.639	41.694	0.14987	26.615	0
"2012-11-21	05:00:00"	2.8627	88.466	52.743	43.186	0.13609	26.609	0
"2012-11-21	06:00:00"	2.1288	73.907	51.601	48.181	0.14118	26.612	0
"2012-11-21	07:00:00"	2.2108	81.415	51.225	51.801	0.11277	26.612	0
"2012-11-21	08:00:00"	3.5418	123.16	52.911	65.794	8.4525	26.618	0
"2012-11-21	09:00:00"	6.7568	146.03	56.543	75.595	117.24	26.63	0
"2012-11-21	10:00:00"	10.931	166.14	60.716	70.849	199.7	26.636	0
"2012-11-21	11:00:00"	16.507	185.37	64.981	56.31	422.9	26.636	0
"2012-11-21	12:00:00"	17.246	187.42	68.54	44.25	513.81	26.612	0
"2012-11-21	13:00:00"	16.018	181.23	69.737	39.781	431.49	26.574	0
"2012-11-21	14:00:00"	15.235	170.17	71.734	33.553	473.33	26.545	0
"2012-11-21	15:00:00"	15.956	174.81	72.812	32.284	428.81	26.53	0
"2012-11-21	16:00:00"	15.234	182.59	72.785	33.552	284.54	26.524	0
"2012-11-21	17:00:00"	14.488	190.02	71.863	36.512	172.61	26.524	0
"2012-11-21	18:00:00"	10.624	173.2	68.666	44.74	26.216	26.527	0
"2012-11-21	19:00:00"	7.4179	155.33	65.174	51.939	0.08882	26.524	0
"2012-11-21	20:00:00"	7.7156	151.68	63.814	54.647	0.08755	26.518	0
"2012-11-21	21:00:00"	7.4583	153.66	62.832	57.353	0.08055	26.527	0
"2012-11-21	22:00:00"	8.1866	168.35	62.152	63.496	0.10005	26.53	0
"2012-11-21	23:00:00"	9.2951	178.24	60.559	70.654	0.10323	26.527	0
"2012-11-22	00:00:00"	8.2562	184.67	58.848	74.024	0.10408	26.512	0
"2012-11-22	01:00:00"	7.5304	191.78	57.934	75.618	0.12549	26.494	0
"2012-11-22	02:00:00"	6.5443	193.79	57.219	76.483	0.09878	26.477	0
"2012-11-22	03:00:00"	4.9387	182.4	55.13	80.454	0.12655	26.468	0
"2012-11-22	04:00:00"	6.2597	191.29	54.129	81.43	0.08946	26.471	0
"2012-11-22	05:00:00"	4.1452	225.7	53.565	82.414	0.10472	26.468	0
"2012-11-22	06:00:00"	3.1715	218.13	52.239	84.801	0.08225	26.465	0
"2012-11-22	07:00:00"	5.3171	196.53	52.854	82.143	0.08331	26.477	0
"2012-11-22	08:00:00"	9.2274	198.45	52.931	80.276	5.316	26.488	0
"2012-11-22	09:00:00"	4.9206	210.58	52.879	80.596	125.5	26.509	0
"2012-11-22	10:00:00"	7.2278	212.61	56.618	72.898	302.63	26.518	0
"2012-11-22	11:00:00"	8.7414	218.68	61.911	59.66	464.3	26.524	0
"2012-11-22	12:00:00"	8.2002	246.68	68.648	44.141	577.27	26.509	0
"2012-11-22	13:00:00"	7.38	262.31	72.758	35.525	626.76	26.488	0
"2012-11-22	14:00:00"	7.9069	265.04	75.874	25.519	611.29	26.471	0
"2012-11-22	15:00:00"	8.6758	261.82	76.696	22.344	531.27	26.462	0
"2012-11-22	16:00:00"	8.0828	268.37	77.306	18.188	393.03	26.465	0
"2012-11-22	17:00:00"	7.1253	276.72	76.647	14.451	217.34	26.477	0
"2012-11-22	18:00:00"	2.8459	256.33	74.123	16.775	45.671	26.485	0
"2012-11-22	19:00:00"	1.0744	310.24	65.763	24.246	0.16259	26.503	0
"2012-11-22	20:00:00"	0.97369	336.35	60.56	28.941	0.11235	26.527	0
"2012-11-22	21:00:00"	1.518	345.88	60.495	27.132	0.10917	26.547	0
"2012-11-22	22:00:00"	7.7926	7.1705	59.48	28.474	0.11404	26.574	0
"2012-11-22	23:00:00"	10.032	33.782	57.003	28.023	0.13291	26.601	0
"2012-11-23	00:00:00"	11.575	40.691	54.928	31.619	0.13863	26.624	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-23	01:00:00"	11.494	37.686	52.266	36.329	0.10875	26.648	0
"2012-11-23	02:00:00"	13.023	38.621	50.763	40.223	0.14542	26.666	0
"2012-11-23	03:00:00"	13.702	36.489	49.221	43.969	0.14902	26.695	0
"2012-11-23	04:00:00"	14.976	38.892	47.455	48.303	0.10599	26.728	0
"2012-11-23	05:00:00"	14.802	36.17	45.927	48.407	0.14669	26.754	0
"2012-11-23	06:00:00"	13.871	29.786	44.393	42.627	0.13376	26.778	0
"2012-11-23	07:00:00"	14.849	29.827	42.905	39.552	0.15559	26.796	0
"2012-11-23	08:00:00"	15.776	25.588	41.984	40.142	15.924	26.822	0
"2012-11-23	09:00:00"	16.664	28.419	43.537	39.178	132.45	26.86	0
"2012-11-23	10:00:00"	17.459	37.786	46.631	34.22	308.75	26.893	0
"2012-11-23	11:00:00"	15.933	49.712	49.421	26.981	469.42	26.905	0
"2012-11-23	12:00:00"	15.501	55.943	51.566	22.521	582.33	26.896	0
"2012-11-23	13:00:00"	13.132	54.182	54.025	18.378	631.7	26.872	0
"2012-11-23	14:00:00"	11.196	56.439	55.367	16.651	613.31	26.849	0
"2012-11-23	15:00:00"	11.148	68.155	56.737	15.259	528.65	26.84	0
"2012-11-23	16:00:00"	10.134	80.509	56.89	15.649	387.48	26.822	0
"2012-11-23	17:00:00"	8.7874	77.154	56.529	16.65	210.17	26.819	0
"2012-11-23	18:00:00"	6.9954	75.089	54.344	18.839	43.093	26.822	0
"2012-11-23	19:00:00"	4.3564	75.778	49.991	23.116	0.1999	26.825	0
"2012-11-23	20:00:00"	3.8923	73.922	46.135	27.419	0.15051	26.831	0
"2012-11-23	21:00:00"	3.5704	76.405	43.824	30.763	0.14075	26.84	0
"2012-11-23	22:00:00"	4.1514	48.42	41.151	34.755	0.11807	26.84	0
"2012-11-23	23:00:00"	3.5779	72.045	40.638	35.849	0.12528	26.825	0
"2012-11-24	00:00:00"	2.995	93.145	40.726	35.727	0.1558	26.819	0
"2012-11-24	01:00:00"	3.2734	91.863	39.811	37.744	0.14415	26.807	0
"2012-11-24	02:00:00"	3.5014	101.09	39.639	38.297	0.17213	26.798	0
"2012-11-24	03:00:00"	3.9923	117.97	39.94	37.677	0.16238	26.784	0
"2012-11-24	04:00:00"	3.5735	151.25	38.712	39.896	0.16789	26.775	0
"2012-11-24	05:00:00"	3.5313	175.88	38.087	40.832	0.17361	26.754	0
"2012-11-24	06:00:00"	3.0534	179.48	37.725	41.461	0.16301	26.757	0
"2012-11-24	07:00:00"	4.1974	201.54	38.32	39.624	0.18357	26.754	0
"2012-11-24	08:00:00"	5.1505	199.53	38.782	38.131	14.871	26.734	0
"2012-11-24	09:00:00"	6.0528	187.33	39.317	40.838	129.91	26.736	0
"2012-11-24	10:00:00"	9.2988	195.25	45.699	33.381	306.02	26.731	0
"2012-11-24	11:00:00"	13.528	190.56	49.685	29.392	469.79	26.716	0
"2012-11-24	12:00:00"	13.492	197.96	53.983	27.988	583.91	26.674	0
"2012-11-24	13:00:00"	13.084	202.78	57.182	26.933	633.85	26.621	0
"2012-11-24	14:00:00"	12.611	212.96	59.582	26.842	615.95	26.58	0
"2012-11-24	15:00:00"	11.298	211.86	62.009	26.923	532.55	26.545	0
"2012-11-24	16:00:00"	11.822	216.94	63.761	26.479	391.77	26.524	0
"2012-11-24	17:00:00"	10.506	215.16	64.359	26.788	213.04	26.512	0
"2012-11-24	18:00:00"	9.1901	194.26	62.228	29.308	44.192	26.494	0
"2012-11-24	19:00:00"	8.9403	189.04	57.44	35.599	0.20053	26.491	0
"2012-11-24	20:00:00"	9.1248	188.35	55.048	40.291	0.13334	26.491	0
"2012-11-24	21:00:00"	6.1447	201.22	53.118	44.355	0.11235	26.483	0
"2012-11-24	22:00:00"	5.2282	216.81	51.294	48.187	0.1132	26.477	0
"2012-11-24	23:00:00"	4.9952	204.05	49.499	51.557	0.13842	26.468	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-25"	00:00:00"	6.7798	189.82	47.427	55.554	0.12952	26.459	0
"2012-11-25"	01:00:00"	9.5952	193.56	46.698	57.439	0.14245	26.438	0
"2012-11-25"	02:00:00"	6.4517	199.76	45.344	60.328	0.14075	26.426	0
"2012-11-25"	03:00:00"	4.2837	223.26	43.152	65.004	0.12316	26.415	0
"2012-11-25"	04:00:00"	2.721	231.78	40.463	71.722	0.1681	26.409	0
"2012-11-25"	05:00:00"	7.4142	219.33	43.181	66.072	0.13842	26.397	0
"2012-11-25"	06:00:00"	6.9513	219.44	43.096	66.602	0.11383	26.397	0
"2012-11-25"	07:00:00"	4.8517	220.59	40.476	72.027	0.15241	26.4	0
"2012-11-25"	08:00:00"	4.5988	230.82	41.308	72.354	14.619	26.409	0
"2012-11-25"	09:00:00"	4.8697	221.91	44.642	66.983	127.86	26.418	0
"2012-11-25"	10:00:00"	5.5799	221.72	51.974	53.69	304.66	26.426	0
"2012-11-25"	11:00:00"	6.7555	224.21	58.048	44.574	469.15	26.42	0
"2012-11-25"	12:00:00"	8.5252	250.54	66.778	31.082	583.48	26.4	0
"2012-11-25"	13:00:00"	9.3131	260.35	71.096	23.872	634.03	26.367	0
"2012-11-25"	14:00:00"	9.9133	269.7	73.384	19.618	616.8	26.344	0
"2012-11-25"	15:00:00"	9.7928	261.1	74.948	17.425	533.01	26.329	0
"2012-11-25"	16:00:00"	8.2562	268.5	75.594	16.218	390.74	26.32	0
"2012-11-25"	17:00:00"	6.2118	254.22	75.387	14.904	213.84	26.32	0
"2012-11-25"	18:00:00"	3	249.47	71.836	16.237	43.515	26.314	0
"2012-11-25"	19:00:00"	1.4459	322.29	65.486	20.236	0.131	26.323	0
"2012-11-25"	20:00:00"	3.7537	254.27	63.752	22.693	0.09793	26.335	0
"2012-11-25"	21:00:00"	2.2593	235.49	58.973	29.089	0.14033	26.341	0
"2012-11-25"	22:00:00"	3.1783	261.62	57.347	32.896	0.12592	26.35	0
"2012-11-25"	23:00:00"	5.1878	298.78	54.835	36.347	0.14521	26.353	0
"2012-11-26"	00:00:00"	5.7005	301.42	53.219	37.456	0.1257	26.35	0
"2012-11-26"	01:00:00"	4.7657	306.96	50.697	40.428	0.13487	26.35	0
"2012-11-26"	02:00:00"	4.6609	302.68	50.033	41.006	0.11574	26.347	0
"2012-11-26"	03:00:00"	4.321	295.68	47.712	44.923	0.14669	26.356	0
"2012-11-26"	04:00:00"	2.5569	238.12	46.907	47.084	0.15284	26.367	0
"2012-11-26"	05:00:00"	4.1098	239.35	48.61	45.079	0.13016	26.379	0
"2012-11-26"	06:00:00"	4.2794	271.6	47.437	46.922	0.12761	26.394	0
"2012-11-26"	07:00:00"	4.5714	303.18	46.446	48.862	0.1416	26.409	0
"2012-11-26"	08:00:00"	6.8245	306.93	47.62	46.3	13.086	26.429	0
"2012-11-26"	09:00:00"	7.9243	313.38	52.264	38.212	125.1	26.459	0
"2012-11-26"	10:00:00"	10.844	316.39	61.57	25.308	308.89	26.48	0
"2012-11-26"	11:00:00"	12.388	321.78	67.326	20.864	418.32	26.491	0
"2012-11-26"	12:00:00"	10.568	322.09	70.945	16.264	364.58	26.485	0
"2012-11-26"	13:00:00"	12.623	4.5751	70.464	14.674	350.79	26.483	0
"2012-11-26"	14:00:00"	13.26	34	67.32	14.724	320.21	26.48	0
"2012-11-26"	15:00:00"	14.2	43.875	65.297	16.918	410.77	26.497	0
"2012-11-26"	16:00:00"	15.637	44.184	62.361	24.986	212.49	26.518	0
"2012-11-26"	17:00:00"	16.02	53.332	61.445	27.518	197.43	26.55	0
"2012-11-26"	18:00:00"	15.406	50.247	57.92	31.392	38.022	26.577	0
"2012-11-26"	19:00:00"	13.996	53.309	53.535	37.335	0.15114	26.609	0
"2012-11-26"	20:00:00"	14.889	49.485	49.866	41.942	0.11065	26.633	0
"2012-11-26"	21:00:00"	13.008	53.527	46.527	45.1	0.13291	26.672	0
"2012-11-26"	22:00:00"	12.484	48.328	43.927	48.726	0.14669	26.713	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-26	23:00:00"	7.8858	28.966	41.243	53.854	0.10514	26.76	0
"2012-11-27	00:00:00"	7.8989	16.711	37.777	60.796	0.14075	26.763	0
"2012-11-27	01:00:00"	11.394	17.789	37.432	59.736	0.18612	26.754	0
"2012-11-27	02:00:00"	8.4444	15.805	35.23	63.043	0.13355	26.775	0
"2012-11-27	03:00:00"	6.2622	7.9444	33.212	64.182	0.12994	26.778	0
"2012-11-27	04:00:00"	5.8167	355.71	31.282	68.67	0.1592	26.784	0
"2012-11-27	05:00:00"	5.3276	7.38	30.075	71.186	0.17467	26.778	0
"2012-11-27	06:00:00"	4.7007	1.3994	28.705	73.994	0.16725	26.778	0
"2012-11-27	07:00:00"	5.6619	2.4314	28.57	73.34	0.14266	26.79	0
"2012-11-27	08:00:00"	3.0801	317.85	26.293	77.409	10.737	26.798	0
"2012-11-27	09:00:00"	3.269	323.83	30.385	68.202	117.46	26.804	0
"2012-11-27	10:00:00"	1.6945	120.4	37.215	50.277	290.78	26.81	0
"2012-11-27	11:00:00"	4.3229	205.36	40.996	42.822	454.23	26.804	0
"2012-11-27	12:00:00"	6.0553	219.16	44.203	39.276	569.95	26.778	0
"2012-11-27	13:00:00"	6.7214	222.75	48.266	35.287	623.01	26.742	0
"2012-11-27	14:00:00"	6.5368	216.19	51.797	31.893	607.57	26.71	0
"2012-11-27	15:00:00"	7.1899	181.05	53.959	29.425	523.66	26.689	0
"2012-11-27	16:00:00"	8.8054	188.46	55.77	27.742	384.47	26.68	0
"2012-11-27	17:00:00"	8.926	199.96	55.605	28.332	207.55	26.68	0
"2012-11-27	18:00:00"	8.1549	194.52	53.904	30.603	42.101	26.677	0
"2012-11-27	19:00:00"	9.4237	195.09	51.341	33.732	0.1681	26.674	0
"2012-11-27	20:00:00"	9.8935	194.82	48.948	36.934	0.15835	26.677	0
"2012-11-27	21:00:00"	9.5424	194.49	46.43	40.627	0.13291	26.68	0
"2012-11-27	22:00:00"	5.1673	198.75	43.641	44.364	0.15814	26.68	0
"2012-11-27	23:00:00"	6.5828	222.96	42.489	45.939	0.13969	26.677	0
"2012-11-28	00:00:00"	5.3643	227.66	42.253	46.791	0.1363	26.672	0
"2012-11-28	01:00:00"	4.1442	237.9	40.628	50.098	0.11901	26.672	0
"2012-11-28	02:00:00"	3.517	241.28	40.891	49.414	0.17912	26.672	0
"2012-11-28	03:00:00"	3.3486	241.04	40.45	49.555	0.09539	26.68	0
"2012-11-28	04:00:00"	2.8043	255.8	39.715	51.612	0.1575	26.68	0
"2012-11-28	05:00:00"	2.8459	259.03	38.704	53.999	0.14945	26.672	0
"2012-11-28	06:00:00"	3.3529	245.89	39.579	52.428	0.16322	26.672	0
"2012-11-28	07:00:00"	3.6593	258.1	36.6	58.74	0.13694	26.68	0
"2012-11-28	08:00:00"	4.0109	252.9	39.14	54.251	12.476	26.692	0
"2012-11-28	09:00:00"	2.9813	249.96	41.365	52.115	122.07	26.698	0
"2012-11-28	10:00:00"	4.7846	220.41	48.518	43.364	296.48	26.71	0
"2012-11-28	11:00:00"	5.355	219.89	55.951	34.459	458.84	26.707	0
"2012-11-28	12:00:00"	6.013	195.55	62.813	27.094	570.67	26.692	0
"2012-11-28	13:00:00"	9.7791	212.43	66.784	28.253	618.37	26.663	0
"2012-11-28	14:00:00"	10.458	212.64	68.893	27.186	603.66	26.633	0
"2012-11-28	15:00:00"	9.9531	205.24	69.588	25.099	454.84	26.615	0
"2012-11-28	16:00:00"	11.578	188.54	70.42	22.333	406.42	26.601	0
"2012-11-28	17:00:00"	10.097	182.19	69.978	22.471	226.02	26.586	0
"2012-11-28	18:00:00"	6.5088	177.08	66.138	24.565	35.661	26.592	0
"2012-11-28	19:00:00"	1.2626	180.19	59.39	30.844	0.11574	26.589	0
"2012-11-28	20:00:00"	4.9467	138.15	59.122	31.953	0.10959	26.589	0
"2012-11-28	21:00:00"	5.8645	160.35	55.083	37.972	0.13482	26.598	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-28	22:00:00"	3.8966	175.58	51.171	46.811	0.13058	26.601	0
"2012-11-28	23:00:00"	4.8784	178.6	49.576	57.483	0.11404	26.598	0
"2012-11-29	00:00:00"	5.1207	179.43	47.907	65.1	0.11553	26.586	0
"2012-11-29	01:00:00"	8.9005	194.91	48.579	66.33	0.14097	26.58	0
"2012-11-29	02:00:00"	7.2216	195.53	47.809	68.376	0.15835	26.577	0
"2012-11-29	03:00:00"	5.7247	216.16	46.618	70.682	0.1257	26.571	0
"2012-11-29	04:00:00"	3.4679	232.7	44.345	75.552	0.1291	26.559	0
"2012-11-29	05:00:00"	6.1056	204.35	45.695	73.615	0.15602	26.547	0
"2012-11-29	06:00:00"	4.349	218.61	44.737	76.15	0.1291	26.547	0
"2012-11-29	07:00:00"	5.8546	223.13	44.008	78.246	0.12846	26.547	0
"2012-11-29	08:00:00"	5.9608	226.25	43.339	80.125	9.9408	26.55	0
"2012-11-29	09:00:00"	5.5787	226.05	43.801	79.715	111.48	26.559	0
"2012-11-29	10:00:00"	7.7696	221.47	48.372	69.378	278.95	26.574	0
"2012-11-29	11:00:00"	7.1893	231.55	55.197	55.57	439.08	26.571	0
"2012-11-29	12:00:00"	7.0302	261.72	64.359	38.714	552.83	26.562	0
"2012-11-29	13:00:00"	8.3214	263.43	70.272	28.894	606.55	26.533	0
"2012-11-29	14:00:00"	7.7783	256.61	73.504	22.824	594.07	26.503	0
"2012-11-29	15:00:00"	9.3429	231.43	74.163	20.554	514.94	26.485	0
"2012-11-29	16:00:00"	9.538	237.38	74.668	19.168	378.21	26.483	0
"2012-11-29	17:00:00"	8.2164	238.39	73.764	19.138	205.08	26.483	0
"2012-11-29	18:00:00"	3.3181	227.44	69.831	21.328	41.715	26.48	0
"2012-11-29	19:00:00"	2.3121	260.88	63.649	26.596	0.15432	26.488	0
"2012-11-29	20:00:00"	1.0377	287.86	58.326	32.841	0.11977	26.497	0
"2012-11-29	21:00:00"	2.1562	232.1	58.13	33.428	0.1433	26.506	0
"2012-11-29	22:00:00"	1.3975	310.34	54.257	38.049	0.13164	26.509	0
"2012-11-29	23:00:00"	4.5826	180.76	53.368	42.528	0.12168	26.518	0
"2012-11-30	00:00:00"	5.5774	216.34	53.306	50.721	0.13545	26.518	0
"2012-11-30	01:00:00"	4.3123	230.05	50.501	56.643	0.13376	26.515	0
"2012-11-30	02:00:00"	4.5105	225.34	48.132	65.43	0.1115	26.509	0
"2012-11-30	03:00:00"	4.0085	230.03	46.327	70.316	0.12507	26.512	0
"2012-11-30	04:00:00"	3.4915	236.07	44.29	77.201	0.11087	26.509	0
"2012-11-30	05:00:00"	3.2746	235.54	43.634	81.787	0.10747	26.509	0
"2012-11-30	06:00:00"	2.918	232.58	43.011	83.654	0.07483	26.512	0
"2012-11-30	07:00:00"	3.1522	244.81	42.859	83.942	0.10175	26.521	0
"2012-11-30	08:00:00"	3.4697	244.83	44.473	74.259	10.422	26.533	0
"2012-11-30	09:00:00"	3.6021	230.75	46.599	66.173	114.72	26.545	0
"2012-11-30	10:00:00"	4.3011	222.45	51.343	52.198	286.44	26.553	0
"2012-11-30	11:00:00"	5.2208	220.9	60.966	33.9	449.66	26.553	0
"2012-11-30	12:00:00"	6.0497	224.25	67.884	24.481	566.01	26.536	0
"2012-11-30	13:00:00"	7.1228	261.52	72.013	19.673	617.83	26.506	0
"2012-11-30	14:00:00"	7.467	254.26	74.182	17.62	603.78	26.48	0
"2012-11-30	15:00:00"	7.1942	225.91	75.509	16.527	523.33	26.462	0
"2012-11-30	16:00:00"	7.9206	217.48	76.384	15.532	390.13	26.456	0
"2012-11-30	17:00:00"	8.094	198.52	75.102	16.222	184.17	26.453	0
"2012-11-30	18:00:00"	5.6464	194.71	72.447	16.914	47.369	26.453	0
"2012-11-30	19:00:00"	5.8334	184.74	68.242	19.844	0.19142	26.453	0
"2012-11-30	20:00:00"	5.5644	203.45	63.201	22.769	0.09158	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-11-30	21:00:00"	2.1065	218.03	57.402	28.005	0.10726	26.462	0
"2012-11-30	22:00:00"	1.7896	216.13	55.66	30.534	0.1168	26.468	0
"2012-11-30	23:00:00"	3.2305	215.83	55.617	30.728	0.09836	26.471	0
"2012-12-01	00:00:00"	8.1145	187.33	52.785	34.046	0.13143	26.474	0
"2012-12-01	01:00:00"	5.9565	194.05	52.623	34.371	0.14372	26.468	0
"2012-12-01	02:00:00"	5.9192	204.51	50.328	46.82	0.12825	26.462	0
"2012-12-01	03:00:00"	4.8454	229.63	49.861	54.033	0.13397	26.459	0
"2012-12-01	04:00:00"	2.7409	244.68	47.327	59.138	0.11553	26.45	0
"2012-12-01	05:00:00"	1.7336	263.57	44.944	51.028	0.14839	26.45	0
"2012-12-01	06:00:00"	1.4472	264.95	44.115	48.752	0.1628	26.447	0
"2012-12-01	07:00:00"	3.0988	239.03	44.736	47.127	0.15792	26.468	0
"2012-12-01	08:00:00"	2.4917	227.66	44.234	47.155	13.127	26.485	0
"2012-12-01	09:00:00"	2.5967	152.27	47.553	42.799	112.45	26.494	0
"2012-12-01	10:00:00"	4.3409	215.63	55.346	32.743	290.89	26.506	0
"2012-12-01	11:00:00"	6.5666	224.22	61.636	25.443	458.4	26.512	0
"2012-12-01	12:00:00"	5.6532	221.19	68.324	20.515	549.56	26.497	0
"2012-12-01	13:00:00"	8.6507	249.59	74.95	14.248	580.38	26.477	0
"2012-12-01	14:00:00"	10.086	260.11	77.979	13.136	582.78	26.459	0
"2012-12-01	15:00:00"	11.682	270.32	78.346	12.413	492	26.444	0
"2012-12-01	16:00:00"	8.9279	239.96	79.045	10.987	382.43	26.441	0
"2012-12-01	17:00:00"	8.2375	267.77	78.166	10.824	211.18	26.444	0
"2012-12-01	18:00:00"	4.1526	282.51	73.404	13.351	41.572	26.432	0
"2012-12-01	19:00:00"	0.8954	317.75	65.489	17.646	0.13673	26.441	0
"2012-12-01	20:00:00"	1.4065	238.65	60.54	21.61	0.13969	26.459	0
"2012-12-01	21:00:00"	1.6808	338.03	57.962	23.835	0.11616	26.468	0
"2012-12-01	22:00:00"	1.5596	319.19	54.089	28.068	0.13482	26.474	0
"2012-12-01	23:00:00"	1.5491	50.774	53.211	29.049	0.10557	26.488	0
"2012-12-02	00:00:00"	3.302	189.4	50.598	32.711	0.13715	26.5	0
"2012-12-02	01:00:00"	4.1145	178.53	53.605	46.366	0.13614	26.488	0
"2012-12-02	02:00:00"	4.6988	187.2	51.47	72.193	0.12274	26.494	0
"2012-12-02	03:00:00"	1.7877	283.92	49.229	80.921	0.085	26.491	0
"2012-12-02	04:00:00"	2.7657	239.37	48.119	82.558	0.08458	26.485	0
"2012-12-02	05:00:00"	2.7086	276.38	45.54	87.228	0.07674	26.485	0
"2012-12-02	06:00:00"	1.6386	341.35	41.799	88.652	0.08288	26.491	0
"2012-12-02	07:00:00"	1.9791	321.08	39.16	83.787	0.0744	26.512	0
"2012-12-02	08:00:00"	3.023	326.9	35.944	73.06	10.231	26.518	0
"2012-12-02	09:00:00"	4.0023	327.02	46.464	42.802	115.55	26.53	0
"2012-12-02	10:00:00"	4.3483	318.1	62.487	18.777	296.56	26.539	0
"2012-12-02	11:00:00"	2.3103	167.07	69.207	14.907	437.15	26.533	0
"2012-12-02	12:00:00"	4.5702	233.06	74.16	12.515	576.18	26.521	0
"2012-12-02	13:00:00"	7.8815	204.12	73.475	13.526	623.37	26.494	0
"2012-12-02	14:00:00"	9.7549	193.17	74.862	12.057	597.89	26.471	0
"2012-12-02	15:00:00"	12.251	189.2	75.162	12.265	475.48	26.45	0
"2012-12-02	16:00:00"	12.324	189.73	75.364	14.394	341.54	26.438	0
"2012-12-02	17:00:00"	10.016	217.12	76.319	13.524	180.97	26.435	0
"2012-12-02	18:00:00"	7.7373	191.34	73.725	14.345	48.554	26.426	0
"2012-12-02	19:00:00"	6.9239	196.25	67.563	17.669	0.12846	26.426	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-02	20:00:00"	4.0805	210.71	63.376	20.561	0.12358	26.429	0
"2012-12-02	21:00:00"	5.7763	188.31	60.738	24.036	0.13037	26.426	0
"2012-12-02	22:00:00"	5.8862	211.7	58.111	35.939	0.11977	26.432	0
"2012-12-02	23:00:00"	8.1114	197.87	56.048	53.617	0.13249	26.426	0
"2012-12-03	00:00:00"	4.7672	237.05	52.867	69.597	0.11404	26.435	0
"2012-12-03	01:00:00"	5.6197	200.8	51.934	78.526	0.12295	26.429	0
"2012-12-03	02:00:00"	7.6062	194.41	52.468	89.184	0.07949	26.423	0
"2012-12-03	03:00:00"	8.1884	197.84	51.406	92.064	0.08585	26.418	0
"2012-12-03	04:00:00"	7.4751	197.48	50.482	92.679	0.08649	26.412	0
"2012-12-03	05:00:00"	7.1364	196.97	49.128	93.019	0.08288	26.4	0
"2012-12-03	06:00:00"	7.6783	191.18	48.531	93.216	0.07229	26.394	0
"2012-12-03	07:00:00"	8.5078	195.16	49.721	93.453	0.10345	26.409	0
"2012-12-03	08:00:00"	5.7141	211.96	49.323	93.272	5.9829	26.423	0
"2012-12-03	09:00:00"	4.9076	210.47	47.882	93.395	98.467	26.441	0
"2012-12-03	10:00:00"	6.4188	221.46	49.438	87.467	252.15	26.465	0
"2012-12-03	11:00:00"	8.076	225.27	58.989	52.399	412.58	26.474	0
"2012-12-03	12:00:00"	11.561	266.11	70.255	22.306	536.87	26.462	0
"2012-12-03	13:00:00"	10.634	280.52	73.574	15.15	597.36	26.435	0
"2012-12-03	14:00:00"	9.0993	305.51	75.052	14.077	588.96	26.418	0
"2012-12-03	15:00:00"	7.8112	284.04	75.904	13.388	512.73	26.406	0
"2012-12-03	16:00:00"	5.3848	263.23	75.982	12.876	344.05	26.415	0
"2012-12-03	17:00:00"	4.2365	236.66	74.805	13.273	150.14	26.403	0
"2012-12-03	18:00:00"	3.2616	303.34	71.849	15.567	52.774	26.409	0
"2012-12-03	19:00:00"	2.2891	348.38	61.916	22.583	0.14521	26.429	0
"2012-12-03	20:00:00"	6.5524	335.02	59.02	27.841	0.1132	26.456	0
"2012-12-03	21:00:00"	7.8535	325.16	59.434	28.224	0.1469	26.48	0
"2012-12-03	22:00:00"	6.8817	325.25	54.998	32.948	0.12846	26.485	0
"2012-12-03	23:00:00"	7.9132	332.15	56.693	31.819	0.12104	26.503	0
"2012-12-04	00:00:00"	7.8286	337.78	56.536	33.205	0.10875	26.518	0
"2012-12-04	01:00:00"	10.203	10.905	52.257	38.202	0.13503	26.53	0
"2012-12-04	02:00:00"	7.7628	41.174	47.859	46.484	0.16471	26.542	0
"2012-12-04	03:00:00"	7.0706	35.841	45.464	52.148	0.12952	26.568	0
"2012-12-04	04:00:00"	4.4906	23.087	44.741	54.845	0.12125	26.571	0
"2012-12-04	05:00:00"	10.051	19.261	43.713	58.066	0.14902	26.589	0
"2012-12-04	06:00:00"	10.688	26.348	42.945	60.261	0.14457	26.615	0
"2012-12-04	07:00:00"	10.917	25.372	42.622	63.123	0.14966	26.642	0
"2012-12-04	08:00:00"	8.3307	10.133	41.25	65.351	8.8372	26.692	0
"2012-12-04	09:00:00"	10.303	12.066	43.516	61.552	106.42	26.713	0
"2012-12-04	10:00:00"	10.85	16.659	49.056	52.446	259.91	26.748	0
"2012-12-04	11:00:00"	10.328	41.15	53.33	46.093	430.04	26.751	0
"2012-12-04	12:00:00"	7.3434	44.192	55.939	41.816	537.27	26.754	0
"2012-12-04	13:00:00"	5.9123	41.077	58.493	37.921	588.4	26.736	0
"2012-12-04	14:00:00"	3.9855	36.396	60.642	34.412	580.06	26.722	0
"2012-12-04	15:00:00"	4.3788	46.387	62.075	32.525	416.48	26.71	0
"2012-12-04	16:00:00"	5.4548	33.94	62.24	32.662	271.32	26.713	0
"2012-12-04	17:00:00"	6.1358	40.754	61.638	33.244	161.78	26.71	0
"2012-12-04	18:00:00"	4.1806	44.763	58.643	35.954	18.223	26.707	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-04	19:00:00"	1.8877	30.727	54.169	41.75	0.13736	26.716	0
"2012-12-04	20:00:00"	1.1278	73.855	50.539	46.703	0.12507	26.71	0
"2012-12-04	21:00:00"	2.1357	57.859	48.599	49.185	0.10323	26.707	0
"2012-12-04	22:00:00"	2.209	55.271	46.658	49.766	0.13524	26.716	0
"2012-12-04	23:00:00"	1.2111	351.41	44.418	51.89	0.13779	26.719	0
"2012-12-05	00:00:00"	0.78169	37.288	44.322	50.546	0.15051	26.716	0
"2012-12-05	01:00:00"	2.4867	111.14	45.805	44.359	0.14438	26.71	0
"2012-12-05	02:00:00"	1.7299	140.42	45.772	42.719	0.12952	26.707	0
"2012-12-05	03:00:00"	0.93081	328.09	40.309	51.219	0.14033	26.695	0
"2012-12-05	04:00:00"	0.83761	352.48	40.814	50.774	0.14457	26.686	0
"2012-12-05	05:00:00"	2.5371	221.22	43.765	45.691	0.12719	26.674	0
"2012-12-05	06:00:00"	1.1272	174.5	42.354	47.896	0.11744	26.657	0
"2012-12-05	07:00:00"	2.1114	165.17	40.678	49.862	0.14457	26.672	0
"2012-12-05	08:00:00"	3.3212	155.33	41.338	48.46	12.143	26.666	0
"2012-12-05	09:00:00"	7.1812	155.76	44.525	41.247	92.671	26.677	0
"2012-12-05	10:00:00"	8.8918	178.43	49.168	35.528	251.71	26.68	0
"2012-12-05	11:00:00"	12.649	185.79	54.416	33.19	461.12	26.651	0
"2012-12-05	12:00:00"	13.684	186.91	57.528	32.925	510.12	26.627	0
"2012-12-05	13:00:00"	12.857	190.94	60.297	30.123	583.69	26.577	0
"2012-12-05	14:00:00"	12.871	192.68	63.034	27.743	605.41	26.542	0
"2012-12-05	15:00:00"	12.975	190.5	64.814	26.376	486.36	26.5	0
"2012-12-05	16:00:00"	10.903	198.41	65.925	25.137	373.4	26.483	0
"2012-12-05	17:00:00"	10.35	200.88	65.88	25.314	200.34	26.471	0
"2012-12-05	18:00:00"	7.7752	184.85	63.068	28.769	39.375	26.459	0
"2012-12-05	19:00:00"	4.2067	176.74	57.077	35.071	0.18082	26.45	0
"2012-12-05	20:00:00"	4.9823	180.76	54.976	37.328	0.12295	26.447	0
"2012-12-05	21:00:00"	5.1195	180.33	53.229	38.196	0.13567	26.444	0
"2012-12-05	22:00:00"	8.6743	201.17	54.953	35.369	0.09751	26.429	0
"2012-12-05	23:00:00"	5.5731	223.52	52.766	38.423	0.10981	26.42	0
"2012-12-06	00:00:00"	4.2862	218.36	51.373	41.332	0.12613	26.403	0
"2012-12-06	01:00:00"	5.14	223.84	50.33	43.699	0.11859	26.385	0
"2012-12-06	02:00:00"	4.3552	234.25	48.009	48.136	0.13291	26.37	0
"2012-12-06	03:00:00"	5.6371	202.31	47.838	49.813	0.12125	26.361	0
"2012-12-06	04:00:00"	5.6961	210.23	45.691	53.533	0.14584	26.353	0
"2012-12-06	05:00:00"	5.7508	223.86	43.53	58.579	0.13079	26.341	0
"2012-12-06	06:00:00"	3.7767	234.39	42.381	61.823	0.14351	26.338	0
"2012-12-06	07:00:00"	4.3123	228.49	42.431	61.735	0.1168	26.35	0
"2012-12-06	08:00:00"	1.9884	251.61	41.436	64.474	8.9118	26.35	0
"2012-12-06	09:00:00"	4.2744	269.12	47.375	52.174	114.02	26.356	0
"2012-12-06	10:00:00"	4.8243	266.07	53.461	41.801	286.43	26.364	0
"2012-12-06	11:00:00"	8.071	270.1	64.459	27.486	455.76	26.361	0
"2012-12-06	12:00:00"	9.7375	281.54	71.848	17.496	537.27	26.341	0
"2012-12-06	13:00:00"	10.458	291.64	75.407	14.258	590.9	26.311	0
"2012-12-06	14:00:00"	10.356	290.26	77.721	11.81	612.15	26.291	0
"2012-12-06	15:00:00"	8.7657	278.12	78.871	10.543	520.77	26.282	0
"2012-12-06	16:00:00"	7.9918	285.35	78.613	10.472	376.24	26.279	0
"2012-12-06	17:00:00"	6.3411	284.68	77.795	9.8086	204.41	26.279	0

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"2012-12-06	18:00:00"	2.6812	349.11	71.328	13.07	30.119	26.282	0
"2012-12-06	19:00:00"	3.2218	16.949	59.655	19.721	0.12825	26.294	0
"2012-12-06	20:00:00"	3.5493	20.854	55.64	25.683	0.13673	26.299	0
"2012-12-06	21:00:00"	4.4372	34.272	54.511	27.856	0.12231	26.314	0
"2012-12-06	22:00:00"	5.5259	53.271	51.849	30.844	0.15199	26.32	0
"2012-12-06	23:00:00"	6.5586	64.165	53.149	31.405	0.13461	26.317	0
"2012-12-07	00:00:00"	7.2663	48.202	49.039	37.457	0.11235	26.32	0
"2012-12-07	01:00:00"	8.9123	59.335	49.227	39.493	0.13291	26.308	0
"2012-12-07	02:00:00"	10.183	62.158	48.599	39.89	0.17531	26.299	0
"2012-12-07	03:00:00"	10.291	62.567	46.99	41.647	0.15686	26.299	0
"2012-12-07	04:00:00"	8.8011	36.619	42.827	47.836	0.14542	26.302	0
"2012-12-07	05:00:00"	8.2499	36.163	41.083	50.574	0.15199	26.299	0
"2012-12-07	06:00:00"	7.183	33.936	38.95	54.233	0.14754	26.299	0
"2012-12-07	07:00:00"	7.3912	34.635	37.086	57.778	0.16746	26.323	0
"2012-12-07	08:00:00"	8.5768	24.723	36.442	59.331	4.979	26.329	0
"2012-12-07	09:00:00"	9.0428	26.996	38.854	55.579	98.52	26.344	0
"2012-12-07	10:00:00"	9.1317	57.686	46.158	43.483	296.17	26.35	0
"2012-12-07	11:00:00"	4.8194	84.579	51.338	38.348	384.13	26.356	0
"2012-12-07	12:00:00"	2.9677	63.735	55.202	33.88	490.88	26.344	0
"2012-12-07	13:00:00"	2.8515	138.29	58.931	29.172	579.26	26.311	0
"2012-12-07	14:00:00"	5.0928	292.85	61.982	24.898	424.27	26.294	0
"2012-12-07	15:00:00"	4.3073	276.72	64.575	22.371	506.3	26.285	0
"2012-12-07	16:00:00"	2.867	272.06	67.119	19.98	366.72	26.276	0
"2012-12-07	17:00:00"	2.3009	154.6	67.971	19.494	197.47	26.27	0
"2012-12-07	18:00:00"	1.7169	161.19	65.768	21.279	39.768	26.276	0
"2012-12-07	19:00:00"	2.8863	176.63	61.712	24.133	0.11404	26.282	0
"2012-12-07	20:00:00"	2.1201	159.16	57.211	28.493	0.10981	26.296	0
"2012-12-07	21:00:00"	2.7473	174.92	55.209	30.873	0.15114	26.311	0
"2012-12-07	22:00:00"	3.668	173.2	53.757	31.771	0.13143	26.317	0
"2012-12-07	23:00:00"	4.7566	179.98	51.752	35.534	0.14245	26.32	0
"2012-12-08	00:00:00"	4.8231	175.29	50.037	38.968	0.13037	26.32	0
"2012-12-08	01:00:00"	6.1736	193.4	52.099	37.289	0.13614	26.311	0
"2012-12-08	02:00:00"	3.3598	223.13	50.831	37.578	0.12761	26.305	0
"2012-12-08	03:00:00"	2.5234	275.96	47.715	41.851	0.13885	26.302	0
"2012-12-08	04:00:00"	2.4687	278.37	45.155	46.589	0.19227	26.311	0
"2012-12-08	05:00:00"	4.5832	217.73	48.648	43.67	0.15284	26.308	0
"2012-12-08	06:00:00"	3.1988	254.06	46.449	47.757	0.15241	26.311	0
"2012-12-08	07:00:00"	2.6172	284.73	42.32	53.749	0.14436	26.323	0
"2012-12-08	08:00:00"	2.8453	306.4	41.072	54.555	6.1646	26.332	0
"2012-12-08	09:00:00"	5.9652	304.61	47.567	44.788	98.224	26.338	0
"2012-12-08	10:00:00"	6.6847	342.79	54.058	34.712	260.2	26.356	0
"2012-12-08	11:00:00"	4.0141	15.187	57.285	29.697	421.28	26.353	0
"2012-12-08	12:00:00"	3.4766	255.07	63.079	24.545	537.51	26.335	0
"2012-12-08	13:00:00"	10.775	266.43	68.06	21.6	593.32	26.296	0
"2012-12-08	14:00:00"	14.523	260.95	69.742	20.404	583.98	26.267	0
"2012-12-08	15:00:00"	13.458	234.79	70.803	19.449	508.27	26.249	0
"2012-12-08	16:00:00"	13.351	252.06	71.014	17.623	375.09	26.237	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-08	17:00:00"	10.756	246.13	70.598	17.685	199.7	26.234	0
"2012-12-08	18:00:00"	9.5964	222.37	67.595	20.999	40.995	26.249	0
"2012-12-08	19:00:00"	11.633	217.73	63.723	23.442	0.13461	26.255	0
"2012-12-08	20:00:00"	5.1561	217.68	58.372	27.726	0.11404	26.279	0
"2012-12-08	21:00:00"	2.7316	232.15	54.641	31.781	0.13885	26.279	0
"2012-12-08	22:00:00"	3.0702	230.02	51.089	35.614	0.14181	26.282	0
"2012-12-08	23:00:00"	5.5078	218.16	51.049	35.672	0.14075	26.282	0
"2012-12-09	00:00:00"	3.1354	229.94	49.026	37.732	0.18103	26.279	0
"2012-12-09	01:00:00"	1.8627	233.23	46.128	42.253	0.16742	26.27	0
"2012-12-09	02:00:00"	3.0199	246.85	47.259	41.461	0.15644	26.273	0
"2012-12-09	03:00:00"	4.3471	252.44	50	37.281	0.16492	26.27	0
"2012-12-09	04:00:00"	2.2767	249.82	46.333	42.499	0.1575	26.279	0
"2012-12-09	05:00:00"	4.3919	284.66	48.766	39.416	0.14224	26.279	0
"2012-12-09	06:00:00"	3.1106	297.78	45.559	44.093	0.14224	26.285	0
"2012-12-09	07:00:00"	1.1514	324.41	42.285	49.394	0.14139	26.305	0
"2012-12-09	08:00:00"	1.9238	305.14	40.201	52.7	3.1229	26.311	0
"2012-12-09	09:00:00"	7.2613	326.69	47.388	42.091	147.96	26.356	0
"2012-12-09	10:00:00"	15.498	26.486	45.03	51.508	292.74	26.382	0
"2012-12-09	11:00:00"	14.367	29.137	45.422	53.658	419.72	26.397	0
"2012-12-09	12:00:00"	13.882	39.114	46.401	44.086	539.34	26.391	0
"2012-12-09	13:00:00"	13.059	44.577	48.164	40.272	612.69	26.364	0
"2012-12-09	14:00:00"	12.311	44.808	49.901	37.61	565.49	26.341	0
"2012-12-09	15:00:00"	12.404	39.57	51.739	36.268	544.77	26.332	0
"2012-12-09	16:00:00"	13.897	48.342	51.842	38.499	329.33	26.332	0
"2012-12-09	17:00:00"	14.597	50.877	49.854	40.855	176.02	26.332	0
"2012-12-09	18:00:00"	13.076	49.123	47.444	42.169	35.497	26.344	0
"2012-12-09	19:00:00"	11.108	53.101	44.593	44.664	0.18018	26.373	0
"2012-12-09	20:00:00"	13.794	39.148	41.452	39.71	0.17043	26.429	0
"2012-12-09	21:00:00"	15.642	41.554	38.789	36.924	0.15792	26.456	0
"2012-12-09	22:00:00"	19.804	19.317	35.273	36.61	0.13164	26.53	0
"2012-12-09	23:00:00"	23.31	10.248	32.074	37.534	0.15941	26.562	0
"2012-12-10	00:00:00"	20.465	4.608	32.128	38.765	0.16852	26.595	0
"2012-12-10	01:00:00"	17.327	0.93403	30.584	48.587	0.16619	26.604	0
"2012-12-10	02:00:00"	15.045	2.7114	27.365	74.445	0.20032	26.612	0
"2012-12-10	03:00:00"	11.829	358.66	25.945	73.902	0.1929	26.595	0
"2012-12-10	04:00:00"	3.8823	328.11	22.755	78.471	0.22809	26.586	0
"2012-12-10	05:00:00"	3.517	310.15	20.686	77.59	0.18273	26.577	0
"2012-12-10	06:00:00"	3.5934	289.92	21.676	76.824	0.19884	26.574	0
"2012-12-10	07:00:00"	4.994	311.18	19.983	80.463	0.21579	26.574	0
"2012-12-10	08:00:00"	4.6907	316.75	17.913	81.934	5.8979	26.574	0
"2012-12-10	09:00:00"	6.407	326.73	20.616	72.326	98.169	26.58	0
"2012-12-10	10:00:00"	7.1607	342.07	27.32	49.241	263.37	26.571	0
"2012-12-10	11:00:00"	5.0766	307.67	30.897	37.644	426.2	26.568	0
"2012-12-10	12:00:00"	5.5961	277.62	33.709	33.948	546.38	26.547	0
"2012-12-10	13:00:00"	5.857	278.53	36.892	29.838	603.29	26.5	0
"2012-12-10	14:00:00"	6.5996	270.21	39.682	25.11	593.08	26.456	0
"2012-12-10	15:00:00"	8.8719	284.35	41.895	20.452	515.88	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-10	16:00:00"	7.9759	282.1	42.621	19.494	381.23	26.415	0
"2012-12-10	17:00:00"	5.4544	266.68	42.843	20.292	210.72	26.409	0
"2012-12-10	18:00:00"	3.2883	236.91	41.014	21.177	43.196	26.403	0
"2012-12-10	19:00:00"	3.22	222.11	37.409	24.105	0.26095	26.415	0
"2012-12-10	20:00:00"	4.147	178.49	34.551	34.588	0.15792	26.423	0
"2012-12-10	21:00:00"	3.5443	169.1	32.196	40.221	0.20922	26.418	0
"2012-12-10	22:00:00"	5.1779	224.66	30.06	43.341	0.17827	26.423	0
"2012-12-10	23:00:00"	4.3291	228.19	29.225	45.539	0.19968	26.432	0
"2012-12-11	00:00:00"	6.74	218.46	30.566	45.25	0.18718	26.426	0
"2012-12-11	01:00:00"	5.3904	231.52	29.4	46.859	0.21304	26.418	0
"2012-12-11	02:00:00"	5.5513	220.72	29.994	45.869	0.19163	26.4	0
"2012-12-11	03:00:00"	2.7142	234.53	27.862	48.529	0.20732	26.406	0
"2012-12-11	04:00:00"	2.3215	255.9	26.098	51.929	0.1929	26.406	0
"2012-12-11	05:00:00"	3.1497	289.02	26.526	51.577	0.17488	26.4	0
"2012-12-11	06:00:00"	4.1632	301.18	26.633	52.951	0.19608	26.412	0
"2012-12-11	07:00:00"	2.7359	307.24	25.026	56.286	0.14245	26.42	0
"2012-12-11	08:00:00"	2.5346	284.68	24.117	58.514	6.2386	26.441	0
"2012-12-11	09:00:00"	4.5497	280.12	27.855	52.065	86.507	26.459	0
"2012-12-11	10:00:00"	8.5799	303.05	35.482	40.623	258.73	26.477	0
"2012-12-11	11:00:00"	12.282	338.08	43.694	28.881	420.64	26.483	0
"2012-12-11	12:00:00"	9.8481	324.33	47.024	25.063	538.22	26.474	0
"2012-12-11	13:00:00"	9.5996	324.44	49.231	21.806	598.26	26.45	0
"2012-12-11	14:00:00"	10.989	330.52	50.744	19.44	590.4	26.438	0
"2012-12-11	15:00:00"	11.237	330.07	51.398	18.561	514.08	26.441	0
"2012-12-11	16:00:00"	10.895	333.85	51.3	17.046	379.88	26.444	0
"2012-12-11	17:00:00"	10.386	341.19	50.814	16.942	208.84	26.453	0
"2012-12-11	18:00:00"	5.4059	349.41	47.492	18.799	44.745	26.459	0
"2012-12-11	19:00:00"	2.0387	357.64	38.669	24.926	0.269	26.48	0
"2012-12-11	20:00:00"	1.7032	340.26	35.611	28.452	0.15496	26.503	0
"2012-12-11	21:00:00"	1.8169	299.54	35.543	29.988	0.16492	26.518	0
"2012-12-11	22:00:00"	1.7349	10.338	33.308	32.049	0.19714	26.533	0
"2012-12-11	23:00:00"	2.3997	23.43	32.776	33.199	0.14436	26.53	0
"2012-12-12	00:00:00"	1.3956	85.371	30.929	34.638	0.20244	26.533	0
"2012-12-12	01:00:00"	0.6686	229.13	30.33	36.317	0.22936	26.527	0
"2012-12-12	02:00:00"	3.2274	175.43	32.807	34.919	0.21707	26.521	0
"2012-12-12	03:00:00"	4.0631	223.74	33.526	33.953	0.12443	26.521	0
"2012-12-12	04:00:00"	4.4347	219.42	32.933	34.856	0.20816	26.515	0
"2012-12-12	05:00:00"	5.5345	222.85	32.08	37.428	0.18463	26.503	0
"2012-12-12	06:00:00"	6.5263	197.04	31.809	39.554	0.177	26.5	0
"2012-12-12	07:00:00"	4.6062	199.07	30.359	42.269	0.17404	26.509	0
"2012-12-12	08:00:00"	4.7367	194.23	30.581	41.664	5.5386	26.524	0
"2012-12-12	09:00:00"	5.4407	210.05	31.877	39.634	94.19	26.533	0
"2012-12-12	10:00:00"	7.82	210.59	37.386	32.572	257.31	26.539	0
"2012-12-12	11:00:00"	11.102	204.49	45.708	23.183	424.39	26.545	0
"2012-12-12	12:00:00"	11.047	211.47	50.946	17.983	544.13	26.533	0
"2012-12-12	13:00:00"	11.928	202	54.455	15.425	603.43	26.503	0
"2012-12-12	14:00:00"	12.647	214.09	57.288	13.857	593.46	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-12	15:00:00"	11.791	202.51	59.18	12.697	517.86	26.462	0
"2012-12-12	16:00:00"	12.413	196.33	61.149	11.68	382.67	26.456	0
"2012-12-12	17:00:00"	11.731	198.35	61.748	11.468	210.67	26.453	0
"2012-12-12	18:00:00"	7.8318	188.7	59.068	12.619	44.807	26.456	0
"2012-12-12	19:00:00"	6.1801	178.79	53.221	15.361	0.18972	26.474	0
"2012-12-12	20:00:00"	3.3995	159.6	48.579	18.215	0.11701	26.485	0
"2012-12-12	21:00:00"	4.797	160.62	46.649	20.268	0.1558	26.5	0
"2012-12-12	22:00:00"	4.7603	199.86	45.108	24.424	0.13736	26.512	0
"2012-12-12	23:00:00"	5.483	210.09	44.969	27.119	0.16577	26.518	0
"2012-12-13	00:00:00"	7.705	200.78	43.947	29.892	0.17933	26.515	0
"2012-12-13	01:00:00"	8.5208	198.63	42.466	33.732	0.15728	26.509	0
"2012-12-13	02:00:00"	8.194	190.57	39.95	38.898	0.16725	26.503	0
"2012-12-13	03:00:00"	8.9129	194.4	38.739	43.378	0.16683	26.5	0
"2012-12-13	04:00:00"	8.3388	193.1	38.582	45.768	0.16322	26.503	0
"2012-12-13	05:00:00"	7.9411	200.99	38.566	46.027	0.1486	26.491	0
"2012-12-13	06:00:00"	5.1387	232.7	36.36	49.841	0.18442	26.494	0
"2012-12-13	07:00:00"	4.7001	234.92	36.067	51.354	0.17446	26.503	0
"2012-12-13	08:00:00"	5.2276	229.48	35.315	53.948	4.4872	26.509	0
"2012-12-13	09:00:00"	5.7092	229.59	37.362	51.797	88.568	26.533	0
"2012-12-13	10:00:00"	6.0055	203.6	43.026	44.058	248.32	26.542	0
"2012-12-13	11:00:00"	8.2711	186.38	49.908	34.551	411.13	26.539	0
"2012-12-13	12:00:00"	8.6464	182.61	56.131	27.217	530.03	26.527	0
"2012-12-13	13:00:00"	10.323	181.35	59.56	23.669	586.23	26.497	0
"2012-12-13	14:00:00"	11.306	179.14	62.423	21.265	576.71	26.471	0
"2012-12-13	15:00:00"	11.072	177.01	64.589	19.941	502.23	26.444	0
"2012-12-13	16:00:00"	10.522	167.55	64.931	21.246	365.5	26.429	0
"2012-12-13	17:00:00"	10.867	152.87	63.479	25.392	151.87	26.435	0
"2012-12-13	18:00:00"	9.5275	157.27	59.844	34.09	22.644	26.438	0
"2012-12-13	19:00:00"	6.9724	141.52	55.633	43.16	0.1204	26.441	0
"2012-12-13	20:00:00"	6.5095	126.25	53.141	50.184	0.11489	26.45	0
"2012-12-13	21:00:00"	6.2628	113.92	50.738	57.021	0.10578	26.444	0
"2012-12-13	22:00:00"	6.6922	128.38	49.148	59.239	0.14075	26.447	0
"2012-12-13	23:00:00"	7.646	141.29	47.95	63.547	0.13779	26.456	0
"2012-12-14	00:00:00"	8.9564	158.6	46.882	77.146	0.14605	26.45	0
"2012-12-14	01:00:00"	11.104	159.57	47.686	84.287	0.14393	26.426	0
"2012-12-14	02:00:00"	11.702	161.07	47.603	85.916	0.12719	26.415	0
"2012-12-14	03:00:00"	9.7847	169.81	47.629	86.43	0.1151	26.409	0
"2012-12-14	04:00:00"	9.3572	146.15	47.477	87.036	0.11765	26.356	0
"2012-12-14	05:00:00"	8.8663	139.07	47.314	87.483	0.09327	26.329	0
"2012-12-14	06:00:00"	8.7048	154.64	47.823	87.895	0.10005	26.326	0
"2012-12-14	07:00:00"	8.4109	150.09	48.644	87.53	0.08903	26.308	0
"2012-12-14	08:00:00"	7.0687	143.85	48.213	88.333	0.93101	26.296	0
"2012-12-14	09:00:00"	7.4446	152.39	48.006	87.522	45.07	26.291	0
"2012-12-14	10:00:00"	15.12	169.45	51.112	81.485	166.86	26.296	0
"2012-12-14	11:00:00"	20.603	170.04	55.18	71.362	328.99	26.27	0
"2012-12-14	12:00:00"	24.128	173.61	59.245	59.162	399.39	26.217	0
"2012-12-14	13:00:00"	23.021	179.4	61.325	54.939	483.57	26.187	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-14	14:00:00"	24.544	184.07	63.361	51.36	558.96	26.149	0
"2012-12-14	15:00:00"	22.696	194.69	61.11	57.788	254.7	26.217	0.18
"2012-12-14	16:00:00"	26.021	285.86	51.878	65.03	203.47	26.232	0
"2012-12-14	17:00:00"	23.417	284.3	50.303	56.314	72.092	26.252	0
"2012-12-14	18:00:00"	21.062	275.3	51.285	49.191	33.406	26.282	0
"2012-12-14	19:00:00"	17.126	262.33	50.665	45.55	0.19396	26.305	0
"2012-12-14	20:00:00"	18.032	274.36	49.979	41.211	0.09539	26.308	0
"2012-12-14	21:00:00"	14.972	272.18	48.857	42.625	0.12337	26.335	0
"2012-12-14	22:00:00"	11.078	262.18	47.638	45.348	0.1168	26.347	0
"2012-12-14	23:00:00"	8.9968	210.06	45.8	47.546	0.12549	26.361	0
"2012-12-15	00:00:00"	8.839	247.54	44.811	48.273	0.15686	26.376	0
"2012-12-15	01:00:00"	7.3514	227.82	43.461	49.695	0.14436	26.385	0
"2012-12-15	02:00:00"	4.6615	212.05	42.588	48.497	0.15983	26.373	0
"2012-12-15	03:00:00"	5.8471	270.67	41.7	50.474	0.13842	26.37	0
"2012-12-15	04:00:00"	7.9504	297.37	41.184	52.251	0.14499	26.361	0
"2012-12-15	05:00:00"	9.6816	305.8	41.993	50.307	0.15517	26.338	0
"2012-12-15	06:00:00"	5.4277	292.43	38.775	56.331	0.14097	26.344	0
"2012-12-15	07:00:00"	6.2417	207.99	37.877	57.171	0.13736	26.358	0
"2012-12-15	08:00:00"	5.1425	219.32	35.998	61.917	2.0545	26.388	0
"2012-12-15	09:00:00"	5.2046	211.81	36.233	62.491	54.802	26.394	0
"2012-12-15	10:00:00"	5.1493	212.01	39.811	57.51	155.76	26.4	0
"2012-12-15	11:00:00"	4.884	216.3	42.919	56.436	193.82	26.409	0
"2012-12-15	12:00:00"	8.2083	269.41	48.894	49.33	228.95	26.397	0
"2012-12-15	13:00:00"	12.513	279.34	53.53	42.992	254.3	26.37	0
"2012-12-15	14:00:00"	14.203	275.96	55.538	40.184	280.52	26.347	0
"2012-12-15	15:00:00"	12.622	262.89	56.867	37.634	278.92	26.329	0
"2012-12-15	16:00:00"	10.626	256.98	56.595	37.842	156.13	26.332	0
"2012-12-15	17:00:00"	7.1122	230.7	55.187	38.725	77.002	26.329	0
"2012-12-15	18:00:00"	5.3059	229.09	52.138	43.15	15.349	26.335	0
"2012-12-15	19:00:00"	2.7726	242.53	49.261	49.861	0.15602	26.338	0
"2012-12-15	20:00:00"	4.797	233.4	51.062	47.863	0.12464	26.335	0
"2012-12-15	21:00:00"	3.6779	226.45	48.798	53.061	0.13715	26.329	0
"2012-12-15	22:00:00"	3.0093	250.3	45.838	59.986	0.14436	26.335	0
"2012-12-15	23:00:00"	1.9834	273.83	44.932	61.482	0.14415	26.338	0
"2012-12-16	00:00:00"	3.7071	259.84	45.938	57.964	0.14987	26.323	0
"2012-12-16	01:00:00"	5.9608	286.35	46.043	57.834	0.12888	26.317	0
"2012-12-16	02:00:00"	3.85	294.24	41.837	65.444	0.15093	26.308	0
"2012-12-16	03:00:00"	2.662	239.95	41.801	66.636	0.15686	26.311	0
"2012-12-16	04:00:00"	3.0888	251.94	40.297	69.225	0.13164	26.32	0
"2012-12-16	05:00:00"	3.7935	273.07	40.48	67.603	0.15602	26.308	0
"2012-12-16	06:00:00"	2.9118	247.13	40.976	64.657	0.12507	26.308	0
"2012-12-16	07:00:00"	2.4731	258.83	37.331	72.133	0.16301	26.317	0
"2012-12-16	08:00:00"	4.5863	266.27	40.167	67.223	1.7071	26.326	0
"2012-12-16	09:00:00"	4.2875	288.97	41.157	66.103	84.6	26.338	0
"2012-12-16	10:00:00"	6.1621	282.77	46.312	58.354	242.99	26.347	0
"2012-12-16	11:00:00"	14.8	266.27	53.176	44.398	351.94	26.353	0
"2012-12-16	12:00:00"	16.448	268.93	54.869	40.579	396.34	26.332	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-16	13:00:00"	15.772	266.88	56.211	36.894	460.4	26.296	0
"2012-12-16	14:00:00"	14.938	263.98	57.467	33.028	423.98	26.27	0
"2012-12-16	15:00:00"	13.56	259.12	58.903	31.355	481.67	26.246	0
"2012-12-16	16:00:00"	14.732	257.48	59.287	30.339	340.47	26.249	0
"2012-12-16	17:00:00"	14.27	267.44	58.413	31.215	152.71	26.258	0
"2012-12-16	18:00:00"	16.758	272.54	56.542	34.661	26.416	26.285	0
"2012-12-16	19:00:00"	13.389	269.18	53.792	39.195	0.21579	26.305	0
"2012-12-16	20:00:00"	10.232	292.71	50.973	44.643	0.1327	26.338	0
"2012-12-16	21:00:00"	8.7582	297.75	48.666	48.937	0.13164	26.358	0
"2012-12-16	22:00:00"	9.6194	295.03	46.962	52.499	0.18167	26.379	0
"2012-12-16	23:00:00"	7.0439	305.15	43.488	58.228	0.20668	26.397	0
"2012-12-17	00:00:00"	6.6139	300.66	40.435	63.556	0.1698	26.406	0
"2012-12-17	01:00:00"	6.4486	292.75	38.151	66.424	0.14966	26.397	0
"2012-12-17	02:00:00"	10.322	296.91	39.024	59.904	0.15729	26.394	0
"2012-12-17	03:00:00"	12.787	298.43	40.049	53.45	0.13164	26.388	0
"2012-12-17	04:00:00"	9.6959	298.88	39.027	53.95	0.1238	26.394	0
"2012-12-17	05:00:00"	7.4092	302.64	36.86	57.255	0.17255	26.382	0
"2012-12-17	06:00:00"	7.1153	296.32	33.789	63.166	0.18357	26.388	0
"2012-12-17	07:00:00"	5.6557	306.25	31.877	67.291	0.14521	26.391	0
"2012-12-17	08:00:00"	5.8825	307.1	32.597	65.812	4.0993	26.397	0
"2012-12-17	09:00:00"	7.8001	293.33	35.585	61.577	85.088	26.394	0
"2012-12-17	10:00:00"	11.058	288.21	44.221	48.267	243.03	26.412	0
"2012-12-17	11:00:00"	13.246	282.16	51.062	35.334	408.36	26.418	0
"2012-12-17	12:00:00"	13.482	268.24	55.612	28.139	531.96	26.409	0
"2012-12-17	13:00:00"	12.469	259.99	58.251	25.194	591.25	26.382	0
"2012-12-17	14:00:00"	12.311	253.15	60.352	22.729	585.44	26.35	0
"2012-12-17	15:00:00"	10.442	255.65	61.979	20.782	512.65	26.338	0
"2012-12-17	16:00:00"	10.503	260.94	62.695	19.92	381.08	26.332	0
"2012-12-17	17:00:00"	10.884	262.55	62.661	19.858	211.7	26.323	0
"2012-12-17	18:00:00"	6.0807	246.59	59.858	21.411	47.821	26.326	0
"2012-12-17	19:00:00"	3.3268	239.18	54.209	26.14	0.20838	26.338	0
"2012-12-17	20:00:00"	4.9716	239.79	51.736	32.089	0.11998	26.35	0
"2012-12-17	21:00:00"	3.2765	249.44	48.359	38.961	0.11892	26.35	0
"2012-12-17	22:00:00"	2.3022	239.08	45.028	44.073	0.14521	26.347	0
"2012-12-17	23:00:00"	3.1031	250.21	45.366	43.767	0.17234	26.344	0
"2012-12-18	00:00:00"	5.9794	240.92	45.352	45.44	0.13821	26.341	0
"2012-12-18	01:00:00"	6.5803	198.81	44.319	46.473	0.13863	26.323	0
"2012-12-18	02:00:00"	3.2423	214.95	41.202	51.06	0.15814	26.302	0
"2012-12-18	03:00:00"	2.785	247.96	39.488	55.158	0.19587	26.305	0
"2012-12-18	04:00:00"	6.5579	269.74	43.975	49.381	0.16089	26.305	0
"2012-12-18	05:00:00"	6.1932	278.12	43.588	50.206	0.1291	26.27	0
"2012-12-18	06:00:00"	5.7048	280.55	42.991	51.571	0.15411	26.267	0
"2012-12-18	07:00:00"	4.9834	277.11	41.302	55.1	0.18421	26.282	0
"2012-12-18	08:00:00"	4.1383	255.31	40.875	57.181	3.8517	26.291	0
"2012-12-18	09:00:00"	4.9697	247.82	44.419	51.558	86.537	26.302	0
"2012-12-18	10:00:00"	9.1963	235.01	51.466	39.829	247.52	26.308	0
"2012-12-18	11:00:00"	12.977	222.46	58.143	30.751	414	26.32	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-18	12:00:00"	12.05	221.79	63.721	23.756	535.05	26.305	0
"2012-12-18	13:00:00"	11.029	226.58	67.023	19.552	591.44	26.276	0
"2012-12-18	14:00:00"	12.287	221.97	69.419	17.341	555.06	26.249	0
"2012-12-18	15:00:00"	12.905	226.72	71.575	14.49	443.94	26.229	0
"2012-12-18	16:00:00"	12.234	226.9	71.518	12.632	205.02	26.223	0
"2012-12-18	17:00:00"	12.171	220.99	69.566	13.151	104.57	26.226	0
"2012-12-18	18:00:00"	8.1567	220.27	66.804	15.111	38.105	26.22	0
"2012-12-18	19:00:00"	4.9846	209.04	64.308	15.9	0.28151	26.22	0
"2012-12-18	20:00:00"	3.814	216.62	59.385	18.839	0.12952	26.229	0
"2012-12-18	21:00:00"	5.9571	196.99	58.831	18.487	0.11828	26.232	0
"2012-12-18	22:00:00"	4.436	204.16	57.395	19.209	0.11383	26.223	0
"2012-12-18	23:00:00"	3.7127	174.19	53.511	22.408	0.12337	26.214	0
"2012-12-19	00:00:00"	3.4467	168.59	52.696	22.961	0.14733	26.217	0
"2012-12-19	01:00:00"	3.5692	170.91	50.186	25.729	0.1391	26.184	0
"2012-12-19	02:00:00"	2.5309	178	50.207	25.096	0.13673	26.164	0
"2012-12-19	03:00:00"	3.5996	214.84	49.696	24.769	0.13906	26.149	0
"2012-12-19	04:00:00"	4.984	202.39	50.05	23.649	0.13588	26.128	0
"2012-12-19	05:00:00"	4.5789	184.39	47.706	25.898	0.1575	26.11	0
"2012-12-19	06:00:00"	5.5805	196.48	45.656	27.869	0.15877	26.107	0
"2012-12-19	07:00:00"	3.1267	250.2	42.93	32.013	0.16598	26.113	0
"2012-12-19	08:00:00"	2.4345	216.74	43.833	32.123	0.99821	26.119	0
"2012-12-19	09:00:00"	3.0398	187.27	43.937	33.392	28.134	26.137	0
"2012-12-19	10:00:00"	2.8807	261.81	45.333	34.054	105.75	26.158	0
"2012-12-19	11:00:00"	4.4335	217.39	51.067	26.199	228.87	26.161	0
"2012-12-19	12:00:00"	9.2889	229.72	58.932	17.315	332.61	26.155	0
"2012-12-19	13:00:00"	17.139	252.4	65.399	15.169	434.42	26.134	0
"2012-12-19	14:00:00"	22.664	247.5	65.794	21.562	419.13	26.134	0
"2012-12-19	15:00:00"	24.786	260.43	63.956	25.904	260.3	26.155	0
"2012-12-19	16:00:00"	30.374	268.94	60.248	27.978	288.29	26.211	0
"2012-12-19	17:00:00"	25.448	262.54	57.534	28.143	143.05	26.223	0
"2012-12-19	18:00:00"	21.385	271.01	55.063	20.221	26.569	26.279	0
"2012-12-19	19:00:00"	15.677	312.31	50.439	17.042	0.24378	26.344	0
"2012-12-19	20:00:00"	15.217	313.02	47.53	18.801	0.1257	26.394	0
"2012-12-19	21:00:00"	20.063	312.98	45.407	21.514	0.11913	26.456	0
"2012-12-19	22:00:00"	17.895	312.42	43.866	22.434	0.1751	26.506	0
"2012-12-19	23:00:00"	21.225	345.08	38.562	34.287	0.1592	26.565	0
"2012-12-20	00:00:00"	12.337	3.4812	33.513	38.925	0.17467	26.612	0
"2012-12-20	01:00:00"	9.2185	347.14	31.274	40.721	0.20928	26.633	0
"2012-12-20	02:00:00"	7.0544	345.15	28.968	44.427	0.2088	26.651	0
"2012-12-20	03:00:00"	4.7659	316.74	26.454	47.976	0.22279	26.683	0
"2012-12-20	04:00:00"	4.577	308.52	25.085	48.896	0.1664	26.71	0
"2012-12-20	05:00:00"	4.0762	326.43	21.6	53.86	0.19672	26.71	0
"2012-12-20	06:00:00"	4.6447	315.19	20.05	55.477	0.19015	26.725	0
"2012-12-20	07:00:00"	4.3614	313.95	19.068	57.809	0.19905	26.754	0
"2012-12-20	08:00:00"	3.3187	310.51	17.606	60.898	3.5382	26.775	0
"2012-12-20	09:00:00"	4.6416	308.77	21.104	54.466	86.561	26.807	0
"2012-12-20	10:00:00"	5.9664	285.83	28.168	39.157	245.65	26.828	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-20	11:00:00"	4.7032	246.65	35.361	27.693	411.96	26.843	0
"2012-12-20	12:00:00"	7.3794	253.25	40.187	24.783	535.68	26.834	0
"2012-12-20	13:00:00"	7.815	248.76	43.128	22.324	597.69	26.81	0
"2012-12-20	14:00:00"	8.0728	248.72	45.833	19.561	592.19	26.784	0
"2012-12-20	15:00:00"	7.2135	257.17	48.022	17.159	520.16	26.772	0
"2012-12-20	16:00:00"	6.96	240.98	49.133	16.054	388.58	26.763	0
"2012-12-20	17:00:00"	6.5716	229.21	48.919	15.704	220.05	26.76	0
"2012-12-20	18:00:00"	4.4577	217.13	46.846	16.441	52.576	26.76	0
"2012-12-20	19:00:00"	3.9109	202.99	42.912	18.094	0.29889	26.775	0
"2012-12-20	20:00:00"	5.7346	194.03	39.906	19.356	0.18803	26.787	0
"2012-12-20	21:00:00"	5.2835	200.05	37.981	20.36	0.1575	26.793	0
"2012-12-20	22:00:00"	4.7243	219.85	36.868	21.168	0.15178	26.798	0
"2012-12-20	23:00:00"	3.2784	242.68	34.383	23.237	0.1893	26.796	0
"2012-12-21	00:00:00"	3.0373	249.63	33.094	24.452	0.22639	26.79	0
"2012-12-21	01:00:00"	3.2342	251.19	31.625	26.289	0.1681	26.784	0
"2012-12-21	02:00:00"	3.2156	250.23	30.424	27.826	0.23424	26.775	0
"2012-12-21	03:00:00"	3.0199	260.43	29.165	29.551	0.2105	26.775	0
"2012-12-21	04:00:00"	3.6561	270.37	30.096	28.676	0.22724	26.76	0
"2012-12-21	05:00:00"	3.8898	279.84	28.182	30.957	0.21113	26.742	0
"2012-12-21	06:00:00"	3.2672	284.32	25.044	35.423	0.20816	26.745	0
"2012-12-21	07:00:00"	3.1876	280.23	26.794	32.809	0.20774	26.751	0
"2012-12-21	08:00:00"	2.3966	332.38	24.896	35.712	3.3376	26.742	0
"2012-12-21	09:00:00"	1.8623	325.82	27.51	33.885	55.492	26.769	0
"2012-12-21	10:00:00"	3.1914	223.72	35.288	27.979	212.9	26.772	0
"2012-12-21	11:00:00"	5.1847	184.61	41.76	18.079	318.42	26.763	0
"2012-12-21	12:00:00"	5.0393	168.67	43.941	15.77	400.33	26.734	0
"2012-12-21	13:00:00"	6.8898	172.89	49.036	12.458	488.25	26.692	0
"2012-12-21	14:00:00"	9.1795	182.16	52.556	10.645	508.42	26.663	0
"2012-12-21	15:00:00"	11.592	182.85	53.413	10.133	437.49	26.648	0
"2012-12-21	16:00:00"	11.833	183.29	53.608	9.9758	305.89	26.63	0
"2012-12-21	17:00:00"	9.6778	173.58	53.214	10.757	211.5	26.621	0
"2012-12-21	18:00:00"	6.9854	175.91	51.38	11.558	51.399	26.615	0
"2012-12-21	19:00:00"	2.5576	171.11	46.526	13.634	0.20647	26.621	0
"2012-12-21	20:00:00"	2.0915	172.23	44.002	15.568	0.1257	26.63	0
"2012-12-21	21:00:00"	5.6588	174.94	41.867	17.038	0.15665	26.636	0
"2012-12-21	22:00:00"	3.855	172.7	38.524	19.312	0.17743	26.642	0
"2012-12-21	23:00:00"	5.0045	176.08	38.065	21.008	0.1893	26.648	0
"2012-12-22	00:00:00"	5.8738	176.86	36.677	22.354	0.17488	26.621	0
"2012-12-22	01:00:00"	5.706	181.03	36.301	22.925	0.19184	26.607	0
"2012-12-22	02:00:00"	6	179.36	34.567	24.707	0.18633	26.583	0
"2012-12-22	03:00:00"	9.2236	192.96	35.243	24.104	0.1664	26.58	0
"2012-12-22	04:00:00"	4.7901	205.49	33.718	25.37	0.12761	26.565	0
"2012-12-22	05:00:00"	3.494	240.63	32.607	27.011	0.19672	26.559	0
"2012-12-22	06:00:00"	2.5246	249.44	31.214	29.337	0.16153	26.553	0
"2012-12-22	07:00:00"	3.8805	234.26	31.349	29.361	0.16047	26.545	0
"2012-12-22	08:00:00"	4.8889	227.6	31.572	28.873	2.9234	26.545	0
"2012-12-22	09:00:00"	3.5741	234.23	32.36	29.133	89.052	26.553	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-22	10:00:00"	6.7207	217.85	36.845	24.548	221.42	26.568	0
"2012-12-22	11:00:00"	6.5716	221.97	41.996	20.614	385.4	26.562	0
"2012-12-22	12:00:00"	7.664	222.19	47.322	17.075	373.14	26.55	0
"2012-12-22	13:00:00"	9.6393	219.11	51.233	14.732	360.59	26.524	0
"2012-12-22	14:00:00"	9.0322	213.82	53.111	13.913	265.91	26.477	0
"2012-12-22	15:00:00"	9.1509	191.96	54.604	13.121	242.93	26.432	0
"2012-12-22	16:00:00"	9.2404	210.45	56.281	12.688	222.37	26.462	0
"2012-12-22	17:00:00"	7.6714	211.15	56.107	12.61	103.53	26.453	0
"2012-12-22	18:00:00"	5.3997	210.21	55.334	13.022	20.72	26.447	0
"2012-12-22	19:00:00"	6.2063	195.31	53.244	14.117	0.18188	26.456	0
"2012-12-22	20:00:00"	3.7388	218.17	49.339	16.429	0.15729	26.471	0
"2012-12-22	21:00:00"	3.8189	221.54	47.104	18.137	0.12782	26.468	0
"2012-12-22	22:00:00"	5.1903	217.38	46.056	19.29	0.11934	26.459	0
"2012-12-22	23:00:00"	6.9264	200.12	45.842	19.281	0.16577	26.459	0
"2012-12-23	00:00:00"	6.3815	199.71	43.86	21.155	0.13588	26.462	0
"2012-12-23	01:00:00"	4.216	214.17	43.692	25.178	0.1327	26.45	0
"2012-12-23	02:00:00"	3.4822	235.44	43.792	27.559	0.15157	26.447	0
"2012-12-23	03:00:00"	3.9544	226.53	42.714	29.718	0.14902	26.435	0
"2012-12-23	04:00:00"	4.7237	269.21	40.97	32.189	0.13609	26.432	0
"2012-12-23	05:00:00"	4.4813	286.18	38.602	34.417	0.19015	26.418	0
"2012-12-23	06:00:00"	4.3198	265.8	39.008	34.631	0.18548	26.415	0
"2012-12-23	07:00:00"	4.6889	279.83	37.99	35.906	0.13715	26.42	0
"2012-12-23	08:00:00"	4.3403	291.73	37.415	38.982	1.5475	26.438	0
"2012-12-23	09:00:00"	1.9381	302.29	36.311	40.698	54.726	26.435	0
"2012-12-23	10:00:00"	2.8527	269.81	41.548	37.592	168.87	26.456	0
"2012-12-23	11:00:00"	3.4381	252.32	48.747	30.444	299.01	26.462	0
"2012-12-23	12:00:00"	6.8612	242.53	55.919	24.785	414.69	26.441	0
"2012-12-23	13:00:00"	9.6524	279.9	60.775	22.692	378.04	26.415	0
"2012-12-23	14:00:00"	13.115	283.98	62.286	22.619	368.44	26.406	0
"2012-12-23	15:00:00"	10.533	285.19	61.534	22.426	271.72	26.391	0
"2012-12-23	16:00:00"	9.0938	273.64	63.614	20.799	338.52	26.394	0
"2012-12-23	17:00:00"	7.1588	268.62	64.408	20.287	173.66	26.394	0
"2012-12-23	18:00:00"	4.2079	263.89	61.483	22.398	45.083	26.4	0
"2012-12-23	19:00:00"	2.5563	257.7	55.428	28.312	0.23954	26.42	0
"2012-12-23	20:00:00"	1.1763	327.24	49.658	34.439	0.11934	26.42	0
"2012-12-23	21:00:00"	1.2086	352.89	46.579	38.033	0.11956	26.429	0
"2012-12-23	22:00:00"	3.5331	310.83	42.741	41.173	0.14605	26.438	0
"2012-12-23	23:00:00"	4.6926	304.42	44.943	35.339	0.14457	26.438	0
"2012-12-24	00:00:00"	1.989	295.66	40.213	34.616	0.1734	26.423	0
"2012-12-24	01:00:00"	1.6448	340.55	39.028	30.458	0.177	26.412	0
"2012-12-24	02:00:00"	3.5667	317.28	39.159	29.868	0.15983	26.4	0
"2012-12-24	03:00:00"	4.4546	346.61	39.386	28.633	0.14987	26.385	0
"2012-12-24	04:00:00"	4.4664	344.26	39.149	29.143	0.14881	26.391	0
"2012-12-24	05:00:00"	5.2288	351.7	40.403	26.506	0.20244	26.379	0
"2012-12-24	06:00:00"	4.81	22.53	32.478	36.678	0.21474	26.382	0
"2012-12-24	07:00:00"	4.7553	11.984	32.319	36.848	0.15496	26.37	0
"2012-12-24	08:00:00"	1.9524	45.518	34.258	32.787	3.0856	26.373	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-24	09:00:00"	2.4333	40.208	35.839	31.508	43.363	26.376	0
"2012-12-24	10:00:00"	3.0727	107.93	39.437	29.608	173.92	26.385	0
"2012-12-24	11:00:00"	5.8173	130.71	45.984	22.67	330.81	26.37	0
"2012-12-24	12:00:00"	11.76	167.74	54.188	17.435	433.92	26.341	0
"2012-12-24	13:00:00"	13.425	196.35	56.66	18.929	360.47	26.299	0
"2012-12-24	14:00:00"	11.251	208.91	58.223	18.871	304.33	26.255	0
"2012-12-24	15:00:00"	10.903	214.37	59.382	18.433	267.33	26.226	0
"2012-12-24	16:00:00"	9.7816	208.21	59.594	19.384	144.13	26.208	0
"2012-12-24	17:00:00"	11.983	189.49	59.107	20.027	56.375	26.178	0
"2012-12-24	18:00:00"	14.094	191.26	59.679	20.273	17.443	26.164	0
"2012-12-24	19:00:00"	9.0801	212.29	58.32	21.243	0.17764	26.152	0
"2012-12-24	20:00:00"	9.9494	220.77	57.768	20	0.12867	26.146	0
"2012-12-24	21:00:00"	6.9873	218.87	55.222	20.876	0.13016	26.134	0
"2012-12-24	22:00:00"	5.4159	218.46	51.826	23.336	0.13736	26.125	0
"2012-12-24	23:00:00"	7.623	220.28	50.682	27.736	0.15347	26.128	0
"2012-12-25	00:00:00"	6.4759	204.45	48.596	32.883	0.15029	26.107	0
"2012-12-25	01:00:00"	3.923	262.37	48.428	33.044	0.19025	26.105	0
"2012-12-25	02:00:00"	12.22	291.15	49.284	37.552	0.13291	26.116	0
"2012-12-25	03:00:00"	11.491	272.18	49.079	49.75	0.1486	26.125	0
"2012-12-25	04:00:00"	10.737	287.64	45.229	59.517	0.14309	26.14	0
"2012-12-25	05:00:00"	10.036	294.6	41.825	61.694	0.14584	26.149	0
"2012-12-25	06:00:00"	10.32	286.67	40.453	59.187	0.15771	26.172	0
"2012-12-25	07:00:00"	8.2829	288.46	38.162	59.596	0.1751	26.211	0
"2012-12-25	08:00:00"	17.128	322.32	37.805	58.426	1.4788	26.267	0
"2012-12-25	09:00:00"	23.074	2.4338	28.398	71.848	62.23	26.341	0
"2012-12-25	10:00:00"	23.369	354.97	27.698	62.103	189.39	26.412	0
"2012-12-25	11:00:00"	19.057	346.1	28.626	53.416	381.77	26.453	0
"2012-12-25	12:00:00"	20.797	339.17	31.379	45.916	502.47	26.465	0
"2012-12-25	13:00:00"	22.087	350.84	32.767	39.693	561.7	26.477	0
"2012-12-25	14:00:00"	21.798	350.92	32.587	38.527	566.89	26.488	0
"2012-12-25	15:00:00"	19.384	345.06	32.863	37.741	497.05	26.509	0
"2012-12-25	16:00:00"	19.19	345.56	32.099	39.72	354.39	26.503	0
"2012-12-25	17:00:00"	20.196	351.91	30.58	42.825	155.61	26.527	0
"2012-12-25	18:00:00"	14.96	351.73	28.209	47.436	23.368	26.539	0
"2012-12-25	19:00:00"	14.102	354.76	26.056	52.2	0.28554	26.562	0
"2012-12-25	20:00:00"	14.61	0.51792	23.927	56.751	0.17022	26.559	0
"2012-12-25	21:00:00"	17.28	359.97	21.907	60.24	0.19672	26.55	0
"2012-12-25	22:00:00"	19.571	4.5798	20.88	62.821	0.23911	26.562	0
"2012-12-25	23:00:00"	11.659	359.54	20.359	65.541	0.15093	26.586	0
"2012-12-26	00:00:00"	10.777	7.0829	19.992	66.99	0.20074	26.589	0
"2012-12-26	01:00:00"	9.8674	2.3493	19.372	68.713	0.25522	26.598	0
"2012-12-26	02:00:00"	7.518	354.24	18.836	70.412	0.21283	26.598	0
"2012-12-26	03:00:00"	7.9778	3.1212	18.113	72.037	0.22003	26.598	0
"2012-12-26	04:00:00"	4.4316	340.17	17.567	73.384	0.184	26.589	0
"2012-12-26	05:00:00"	5.0238	343.29	17.704	74.167	0.19905	26.571	0
"2012-12-26	06:00:00"	8.2922	7.2375	17.806	72.423	0.184	26.545	0
"2012-12-26	07:00:00"	6.0608	12.515	17.695	72.315	0.15326	26.547	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-26	08:00:00"	4.3838	11.387	17.634	72.653	0.8405	26.547	0
"2012-12-26	09:00:00"	4.751	14.73	18.36	71.31	46.801	26.547	0
"2012-12-26	10:00:00"	3.023	349.48	20.655	66.421	169.78	26.574	0
"2012-12-26	11:00:00"	2.6856	201.46	24.013	58.205	277.46	26.559	0
"2012-12-26	12:00:00"	3.7344	174.03	26.841	53.56	411.18	26.521	0
"2012-12-26	13:00:00"	4.9225	185.02	30.772	47.687	474.72	26.477	0
"2012-12-26	14:00:00"	6.2671	182.54	34.14	44.62	447.01	26.432	0
"2012-12-26	15:00:00"	8.9092	167.19	36.508	42.787	383.38	26.388	0
"2012-12-26	16:00:00"	10.699	162.5	38.322	39.899	386.48	26.367	0
"2012-12-26	17:00:00"	11.599	163.81	39.458	38.96	177.12	26.356	0
"2012-12-26	18:00:00"	10.76	157.27	38.852	40.996	23.301	26.341	0
"2012-12-26	19:00:00"	9.6984	146.16	37.145	43.451	0.24929	26.341	0
"2012-12-26	20:00:00"	6.3355	136.13	34.831	45.368	0.22109	26.347	0
"2012-12-26	21:00:00"	6.3815	147.02	33.352	48.198	0.18188	26.335	0
"2012-12-26	22:00:00"	7.0644	152.01	31.984	50.981	0.20541	26.314	0
"2012-12-26	23:00:00"	6.8748	150.26	31.114	52.155	0.17128	26.302	0
"2012-12-27	00:00:00"	6.2292	144.02	30.142	52.71	0.19523	26.296	0
"2012-12-27	01:00:00"	6.3995	168.38	28.116	56.103	0.1823	26.267	0
"2012-12-27	02:00:00"	8.8129	184.33	28.674	57.129	0.223	26.237	0
"2012-12-27	03:00:00"	12.899	189.92	29.774	56.7	0.2052	26.229	0
"2012-12-27	04:00:00"	11.497	192.55	30.254	56.425	0.22215	26.226	0
"2012-12-27	05:00:00"	4.8442	252.49	27.468	61.239	0.18697	26.226	0
"2012-12-27	06:00:00"	2.7278	259.13	27.159	63.461	0.20816	26.226	0
"2012-12-27	07:00:00"	3.5331	234.89	27.676	62.553	0.18569	26.232	0
"2012-12-27	08:00:00"	3.8196	242.53	27.589	62.724	0.88247	26.243	0
"2012-12-27	09:00:00"	3.7108	240.26	28.606	61.196	48.934	26.246	0
"2012-12-27	10:00:00"	4.6621	229.21	31.443	56.184	155.6	26.264	0
"2012-12-27	11:00:00"	3.6071	204.83	34.736	49.81	234.74	26.273	0
"2012-12-27	12:00:00"	2.4364	136.08	40.014	41.17	452.81	26.261	0
"2012-12-27	13:00:00"	2.1568	129.37	43.748	35.347	355.74	26.223	0
"2012-12-27	14:00:00"	4.2123	163.87	45.981	31.961	335.31	26.196	0
"2012-12-27	15:00:00"	3.8525	173.64	47.981	29.201	236.79	26.178	0
"2012-12-27	16:00:00"	4.0184	165	50.462	25.875	325.26	26.172	0
"2012-12-27	17:00:00"	5.273	164.34	53.55	21.852	227.04	26.167	0
"2012-12-27	18:00:00"	2.8664	144.92	51.45	23.547	57.091	26.172	0
"2012-12-27	19:00:00"	3.8537	78.49	43.991	30.138	0.37648	26.187	0
"2012-12-27	20:00:00"	5.8017	96.633	40.854	36.329	0.21431	26.205	0
"2012-12-27	21:00:00"	2.4209	91.466	39.431	38.995	0.14796	26.22	0
"2012-12-27	22:00:00"	2.0698	223.14	39.032	40.051	0.17764	26.226	0
"2012-12-27	23:00:00"	2.2624	311.71	34.914	45.779	0.18188	26.255	0
"2012-12-28	00:00:00"	7.6584	280.11	41.192	39.926	0.17192	26.27	0
"2012-12-28	01:00:00"	9.0698	291.24	42.522	44.167	0.14713	26.276	0
"2012-12-28	02:00:00"	8.2822	286.66	44.423	42.63	0.13715	26.282	0
"2012-12-28	03:00:00"	10.16	276.55	43.931	44.675	0.16174	26.285	0
"2012-12-28	04:00:00"	9.0882	285.39	41.297	51.847	0.14097	26.288	0
"2012-12-28	05:00:00"	7.7137	304.63	37.423	58.943	0.14648	26.299	0
"2012-12-28	06:00:00"	8.171	307.43	34.09	64.414	0.1628	26.32	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2012-12-28	07:00:00"	9.7039	328.38	32.596	61.515	0.17679	26.356	0
"2012-12-28	08:00:00"	13.995	359.81	26.358	69.505	1.7217	26.388	0
"2012-12-28	09:00:00"	15.086	356.23	23.4	76.188	73.56	26.432	0
"2012-12-28	10:00:00"	14.175	3.0361	25.431	71.828	227.99	26.468	0
"2012-12-28	11:00:00"	14.523	356.04	29.812	61.108	394.27	26.48	0
"2012-12-28	12:00:00"	12.531	358.16	33.282	49.997	519.9	26.48	0
"2012-12-28	13:00:00"	11.331	355.34	36.877	43.112	586.58	26.459	0
"2012-12-28	14:00:00"	10.931	345.34	39.307	38.136	586.28	26.45	0
"2012-12-28	15:00:00"	10.254	342.36	41.511	34.457	519.94	26.441	0
"2012-12-28	16:00:00"	9.1497	352.51	42.906	32.796	390.7	26.444	0
"2012-12-28	17:00:00"	7.6988	8.0253	42.956	33.063	224.94	26.456	0
"2012-12-28	18:00:00"	5.0201	40.005	41.444	35.043	59.62	26.471	0
"2012-12-28	19:00:00"	4.2253	99.924	36.669	40.555	0.49794	26.497	0
"2012-12-28	20:00:00"	4.3558	88.425	33.036	45.71	0.2158	26.518	0
"2012-12-28	21:00:00"	5.4525	82.795	30.673	49.264	0.19205	26.53	0
"2012-12-28	22:00:00"	4.8995	63.999	28.907	52.625	0.18442	26.547	0
"2012-12-28	23:00:00"	3.9687	46.984	25.537	58.468	0.21897	26.568	0
"2012-12-29	00:00:00"	1.7771	46.326	23.077	64.186	0.18675	26.589	0
"2012-12-29	01:00:00"	1.9225	69.958	23.117	64.958	0.19099	26.601	0
"2012-12-29	02:00:00"	1.2378	46.959	22.466	67.722	0.18506	26.612	0
"2012-12-29	03:00:00"	2.2661	41.567	21.501	69.819	0.19439	26.624	0
"2012-12-29	04:00:00"	1.3944	334.85	19.43	73.944	0.19566	26.657	0
"2012-12-29	05:00:00"	1.4838	326.26	18.478	77.401	0.19841	26.654	0
"2012-12-29	06:00:00"	2.7129	337.35	19.637	74.494	0.18273	26.66	0
"2012-12-29	07:00:00"	2.9528	347	19.501	75.563	0.17276	26.672	0
"2012-12-29	08:00:00"	2.1736	298.45	20.066	75.791	0.93822	26.713	0
"2012-12-29	09:00:00"	2.4265	307.55	19.097	74.803	51.214	26.719	0
"2012-12-29	10:00:00"	2.8036	273.99	28.54	62.428	198.24	26.742	0
"2012-12-29	11:00:00"	1.9704	177.2	36.962	43.794	352.25	26.757	0
"2012-12-29	12:00:00"	4.3713	265.82	41.064	32.369	526.78	26.745	0
"2012-12-29	13:00:00"	3.6344	211.8	43.025	29.146	593.79	26.71	0
"2012-12-29	14:00:00"	5.9652	173.41	44.629	29.461	598.8	26.677	0
"2012-12-29	15:00:00"	8.711	170.22	45.867	28.927	529.71	26.672	0
"2012-12-29	16:00:00"	8.1511	169.4	46.964	28.377	400.25	26.654	0
"2012-12-29	17:00:00"	9.6747	160.66	46.991	28.102	230.82	26.645	0
"2012-12-29	18:00:00"	9.7704	139.31	44.92	29.602	58.925	26.633	0
"2012-12-29	19:00:00"	7.6068	135.96	40.515	33.436	0.3769	26.663	0
"2012-12-29	20:00:00"	9.3398	128.64	38.456	34.897	0.1681	26.651	0
"2012-12-29	21:00:00"	8.9316	130.85	36.882	36.398	0.12867	26.654	0
"2012-12-29	22:00:00"	8.2027	136.33	34.68	38.907	0.17425	26.648	0
"2012-12-29	23:00:00"	6.8239	139.09	33.376	40.451	0.18061	26.648	0
"2012-12-30	00:00:00"	5.8353	134.3	32.252	41.937	0.16619	26.639	0
"2012-12-30	01:00:00"	6.5578	131.73	32.102	42.053	0.22069	26.618	0
"2012-12-30	02:00:00"	9.0857	134.25	33.121	40.372	0.19311	26.586	0
"2012-12-30	03:00:00"	8.2307	133.86	32.202	41.919	0.18654	26.583	0
"2012-12-30	04:00:00"	6.4417	119.82	31.097	44.354	0.1751	26.568	0
"2012-12-30	05:00:00"	5.6619	117.49	30.19	46.803	0.18379	26.55	0

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"2012-12-30	06:00:00"	4.5024	108.53	29.483	49.296	0.15199	26.539	0
"2012-12-30	07:00:00"	4.229	96.994	28.564	52.547	0.13842	26.542	0
"2012-12-30	08:00:00"	3.5089	98.751	29.527	52.733	0.39386	26.547	0
"2012-12-30	09:00:00"	6.589	131.04	32.315	48.332	26.841	26.553	0
"2012-12-30	10:00:00"	12.209	161.26	36.087	41.47	100.55	26.547	0
"2012-12-30	11:00:00"	13.117	161.51	36.822	39.697	103.21	26.536	0
"2012-12-30	12:00:00"	12.37	167.58	38.001	37.726	125.64	26.53	0
"2012-12-30	13:00:00"	11.86	178.03	39.122	36.446	136.2	26.491	0
"2012-12-30	14:00:00"	11.936	170.36	40.34	35.207	162.85	26.441	0
"2012-12-30	15:00:00"	11.919	160.45	41.152	34.431	137.17	26.438	0
"2012-12-30	16:00:00"	9.8935	160.17	41.795	33.907	117.81	26.415	0
"2012-12-30	17:00:00"	8.7477	148.86	43.097	33.827	105.42	26.409	0
"2012-12-30	18:00:00"	8.7532	145.42	43.012	37.545	15.7	26.403	0
"2012-12-30	19:00:00"	7.0488	155.32	41.903	41.268	0.16407	26.412	0
"2012-12-30	20:00:00"	9.0739	144.24	40.131	44.234	0.16365	26.403	0
"2012-12-30	21:00:00"	11.39	120.4	36.991	63.831	0.11638	26.382	0.02
"2012-12-30	22:00:00"	12.069	151.35	34.918	76.287	0.09581	26.412	0.04
"2012-12-30	23:00:00"	7.5173	198.68	33.32	87.67	0.07546	26.415	0.09
"2012-12-31	00:00:00"	4.3794	179.01	33.179	90.567	0.09539	26.391	0.05
"2012-12-31	01:00:00"	4.1172	189.31	33.631	91.343	0.09052	26.382	0.08
"2012-12-31	02:00:00"	4.6845	122.93	34.287	91.838	0.09073	26.335	0
"2012-12-31	03:00:00"	5.8421	129.78	34.949	90.347	0.08076	26.335	0
"2012-12-31	04:00:00"	4.1806	170.23	35.162	90.433	0.1168	26.338	0
"2012-12-31	05:00:00"	3.7462	189.39	35.625	89.923	0.092	26.35	0
"2012-12-31	06:00:00"	4.1197	197.68	35.379	89.707	0.10239	26.338	0
"2012-12-31	07:00:00"	5.7899	198.07	34.853	89.257	0.07589	26.358	0
"2012-12-31	08:00:00"	4.705	207.44	33.588	90.871	0.86318	26.37	0
"2012-12-31	09:00:00"	5.7197	216.96	33.934	90.839	68.352	26.385	0
"2012-12-31	10:00:00"	6.6704	230.54	38.318	83.679	208.79	26.406	0.01
"2012-12-31	11:00:00"	14.653	270.77	45.823	62.066	376.77	26.412	0
"2012-12-31	12:00:00"	16.291	267.94	50.457	47.883	506.34	26.409	0
"2012-12-31	13:00:00"	16.407	256.81	51.541	43.329	589.27	26.385	0
"2012-12-31	14:00:00"	15.276	256.95	51.718	42.846	485.78	26.364	0
"2012-12-31	15:00:00"	15.798	259.5	52.367	39.47	434.7	26.356	0
"2012-12-31	16:00:00"	16.839	261.66	52.577	36.676	319.64	26.367	0
"2012-12-31	17:00:00"	17.546	260.73	51.876	35.566	204.77	26.382	0
"2012-12-31	18:00:00"	16.026	263.55	50.798	35.502	85.955	26.388	0
"2012-12-31	19:00:00"	8.5737	278.38	46.956	42.254	1.3236	26.397	0
"2012-12-31	20:00:00"	7.7441	281.14	44.472	48.834	0.15029	26.406	0
"2012-12-31	21:00:00"	12.442	288.62	44.619	48.234	0.15029	26.409	0
"2012-12-31	22:00:00"	10.394	287.57	44.568	49.008	0.17213	26.426	0
"2012-12-31	23:00:00"	5.9478	279.7	44.027	49.277	0.16407	26.447	0
"2013-01-01	00:00:00"	3.6412	270.41	43.181	50.728	0.18188	26.456	0
"2013-01-01	01:00:00"	3.6313	282.74	41.838	56.201	0.15093	26.465	0
"2013-01-01	02:00:00"	5.1766	276.37	41.017	58.134	0.16174	26.462	0
"2013-01-01	03:00:00"	5.9838	287	38.85	62.44	0.18697	26.483	0
"2013-01-01	04:00:00"	2.4495	310.42	34.107	71.153	0.1681	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-01	05:00:00"	4.5043	15.953	30.499	82.759	0.18167	26.509	0
"2013-01-01	06:00:00"	4.5907	30.517	28.568	91.618	0.10345	26.518	0
"2013-01-01	07:00:00"	6.7531	22.479	27.77	92.393	0.09412	26.533	0
"2013-01-01	08:00:00"	7.8628	16.477	27.463	92.485	0.55475	26.568	0
"2013-01-01	09:00:00"	7.0874	353.74	27.717	92.642	32.962	26.583	0
"2013-01-01	10:00:00"	8.0132	14.488	28.289	92.375	113.94	26.609	0
"2013-01-01	11:00:00"	13.114	351.49	29.291	91.895	295.76	26.618	0
"2013-01-01	12:00:00"	7.4496	357.67	34.148	77.319	478.3	26.607	0
"2013-01-01	13:00:00"	10.299	347.72	39.509	53.652	570.35	26.571	0
"2013-01-01	14:00:00"	9.9432	332.89	42.347	45.948	531.99	26.559	0
"2013-01-01	15:00:00"	9.2193	325.07	43.542	43.01	504.21	26.536	0
"2013-01-01	16:00:00"	6.6406	340.09	44.517	42.207	353.4	26.539	0
"2013-01-01	17:00:00"	6.4467	31.73	43.322	45.323	165.54	26.545	0
"2013-01-01	18:00:00"	6.5499	64.389	40.882	50.564	41.68	26.55	0
"2013-01-01	19:00:00"	6.7077	76.117	37.972	55.787	0.4229	26.565	0
"2013-01-01	20:00:00"	6.6685	85.784	35.715	60.838	0.15093	26.58	0
"2013-01-01	21:00:00"	7.4869	69.411	34.293	63.502	0.18506	26.58	0
"2013-01-01	22:00:00"	7.4558	61.035	32.706	68.328	0.14415	26.58	0
"2013-01-01	23:00:00"	7.0159	57.858	31.408	73.989	0.19099	26.595	0
"2013-01-02	00:00:00"	6.2709	61.074	30.808	75.519	0.17255	26.592	0
"2013-01-02	01:00:00"	4.6914	72.084	29.939	77.291	0.18518	26.598	0
"2013-01-02	02:00:00"	4.6267	77.283	29.353	78.574	0.14372	26.604	0
"2013-01-02	03:00:00"	3.9544	58.868	27.744	82.203	0.21749	26.604	0
"2013-01-02	04:00:00"	3.8171	82.727	27.451	81.444	0.20753	26.598	0
"2013-01-02	05:00:00"	2.2003	87.957	26.658	80.728	0.23063	26.595	0
"2013-01-02	06:00:00"	3.4697	56.652	25.313	82.209	0.17213	26.601	0
"2013-01-02	07:00:00"	2.1127	51.696	23.318	86.791	0.1592	26.607	0
"2013-01-02	08:00:00"	3.8811	13.361	22.342	88.375	1.0054	26.621	0
"2013-01-02	09:00:00"	3.4847	2.27	23.79	87.901	51.295	26.633	0
"2013-01-02	10:00:00"	3.3598	11.386	29.967	76.501	230.95	26.651	0
"2013-01-02	11:00:00"	3.0037	266.16	35.035	61.643	396.34	26.639	0
"2013-01-02	12:00:00"	4.3571	259.66	38.45	54.704	527.05	26.627	0
"2013-01-02	13:00:00"	4.3962	269.71	41.695	50.657	594.42	26.595	0
"2013-01-02	14:00:00"	3.6798	271.23	44.21	45.343	598.2	26.565	0
"2013-01-02	15:00:00"	3.7711	311.87	45.433	40.172	533.42	26.55	0
"2013-01-02	16:00:00"	3.2591	232.6	47.131	36.334	409.58	26.547	0
"2013-01-02	17:00:00"	3.1709	267.33	46.92	35.975	239.62	26.545	0
"2013-01-02	18:00:00"	2.0692	335.31	45.755	38.879	66.338	26.55	0
"2013-01-02	19:00:00"	2.1009	20.934	40.332	48.44	0.74574	26.568	0
"2013-01-02	20:00:00"	3.4772	35.373	35.156	60.097	0.16852	26.589	0
"2013-01-02	21:00:00"	4.2589	50.426	33.239	65.59	0.16746	26.612	0
"2013-01-02	22:00:00"	7.1812	60.95	34.268	59.416	0.17827	26.633	0
"2013-01-02	23:00:00"	6.7829	46.107	32.226	65.947	0.19714	26.639	0
"2013-01-03	00:00:00"	7.5925	49.245	33.02	63.908	0.1628	26.654	0
"2013-01-03	01:00:00"	7.9964	51.285	33.186	64.325	0.1645	26.648	0
"2013-01-03	02:00:00"	8.1362	53.715	33.008	64.839	0.1522	26.657	0
"2013-01-03	03:00:00"	8.0169	66.649	33.279	63.946	0.15432	26.669	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-03	04:00:00"	9.6443	59.107	33.275	63.027	0.16492	26.669	0
"2013-01-03	05:00:00"	9.7996	63.75	33.242	62.455	0.19057	26.68	0
"2013-01-03	06:00:00"	8.6402	69.562	32.547	62.58	0.18993	26.689	0
"2013-01-03	07:00:00"	8.7228	61.334	31.592	64.436	0.17679	26.698	0
"2013-01-03	08:00:00"	9.5262	53.721	31.062	67.971	0.46148	26.725	0
"2013-01-03	09:00:00"	10.12	51.796	30.647	69.799	16.681	26.745	0
"2013-01-03	10:00:00"	10.642	60.874	30.526	69.224	53.575	26.754	0
"2013-01-03	11:00:00"	8.6302	79.857	31.016	67.161	83.452	26.784	0
"2013-01-03	12:00:00"	8.2512	96.317	31.688	67.154	207.93	26.784	0
"2013-01-03	13:00:00"	7.6056	84.973	30.988	80.27	235.22	26.757	0
"2013-01-03	14:00:00"	8.0312	92.257	31.401	82.233	175.2	26.734	0
"2013-01-03	15:00:00"	9.1845	103.77	31.341	80.408	154.82	26.728	0
"2013-01-03	16:00:00"	8.4873	88.147	30.627	83.873	107.86	26.728	0
"2013-01-03	17:00:00"	8.1797	85.466	30.047	87.623	102.41	26.71	0
"2013-01-03	18:00:00"	6.6089	75.313	29.96	87.1	12.498	26.739	0
"2013-01-03	19:00:00"	5.5582	51.72	29.767	86.704	0.24441	26.739	0
"2013-01-03	20:00:00"	4.2887	107.05	29.977	86.342	0.17382	26.757	0
"2013-01-03	21:00:00"	3.7661	127.57	29.23	90.653	0.1592	26.76	0
"2013-01-03	22:00:00"	3.6586	107.22	28.902	91.804	0.14181	26.757	0
"2013-01-03	23:00:00"	3.8774	99.362	28.628	92.229	0.11532	26.757	0
"2013-01-04	00:00:00"	3.3411	111.47	28.402	92.393	0.13355	26.763	0
"2013-01-04	01:00:00"	2.0648	86.11	28.288	92.379	0.13757	26.766	0
"2013-01-04	02:00:00"	1.4664	43.874	28.068	92.142	0.15284	26.751	0
"2013-01-04	03:00:00"	8.9185	319.38	27.952	92.398	0.09454	26.745	0
"2013-01-04	04:00:00"	27.922	19.059	27.56	92.273	0.13524	26.745	0
"2013-01-04	05:00:00"	17.236	22.687	27.337	92.487	0.13779	26.742	0
"2013-01-04	06:00:00"	11.864	353.61	27.415	92.481	0.1185	26.739	0
"2013-01-04	07:00:00"	11.42	285.96	27.25	92.367	0.10981	26.739	0
"2013-01-04	08:00:00"	12.301	275.42	27.32	92.54	0.77415	26.734	0
"2013-01-04	09:00:00"	8.995	257.67	27.804	92.385	20.46	26.751	0
"2013-01-04	10:00:00"	6.9606	242.29	28.863	90.943	73.905	26.763	0
"2013-01-04	11:00:00"	5.5967	251.74	29.429	89.045	106.67	26.769	0
"2013-01-04	12:00:00"	5.3127	251.18	29.475	89.459	159.75	26.745	0
"2013-01-04	13:00:00"	4.8057	222.87	29.881	87.417	190.07	26.707	0
"2013-01-04	14:00:00"	5.5725	221.45	30.132	86.297	175.52	26.68	0
"2013-01-04	15:00:00"	5.6091	225.8	30.408	86.44	201.9	26.663	0
"2013-01-04	16:00:00"	5.7172	222.65	30.535	86.444	119.95	26.66	0
"2013-01-04	17:00:00"	5.8048	222.1	30.489	88.68	93.802	26.657	0
"2013-01-04	18:00:00"	6.7002	227.51	30.413	88.98	29.83	26.645	0
"2013-01-04	19:00:00"	6.9096	226.24	30.729	86.356	0.56005	26.654	0
"2013-01-04	20:00:00"	7.7404	221.77	30.126	86.7	0.12507	26.657	0
"2013-01-04	21:00:00"	7.6584	216.49	30.03	87.808	0.12146	26.657	0
"2013-01-04	22:00:00"	5.4227	204.02	29.735	86.936	0.14627	26.651	0
"2013-01-04	23:00:00"	6.4275	201.46	29.066	90.427	0.08818	26.645	0
"2013-01-05	00:00:00"	8.4339	210.34	28.518	91.7	0.09709	26.636	0
"2013-01-05	01:00:00"	8.6528	213.95	27.883	92.63	0.08054	26.618	0
"2013-01-05	02:00:00"	9.3871	217.56	26.913	92.592	0.09285	26.621	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-05	03:00:00"	10.264	238.72	27.096	92.684	0.11362	26.604	0
"2013-01-05	04:00:00"	8.1331	234.03	26.632	92.489	0.11362	26.607	0
"2013-01-05	05:00:00"	6.7531	221.15	24.998	92.056	0.10599	26.595	0
"2013-01-05	06:00:00"	22.758	303.46	23.32	91.603	0.12867	26.586	0
"2013-01-05	07:00:00"	20.054	250.44	20.732	90.977	0.11744	26.598	0
"2013-01-05	08:00:00"	9.0223	226.52	20.307	91.358	1.7011	26.609	0
"2013-01-05	09:00:00"	5.8583	245.48	22.523	91.711	83.893	26.624	0
"2013-01-05	10:00:00"	10.954	325.65	27.282	92.104	228.43	26.636	0
"2013-01-05	11:00:00"	6.5443	295.36	32.317	88.349	374.97	26.642	0.02
"2013-01-05	12:00:00"	7.2489	294.21	35.348	83.108	513.81	26.633	0.06
"2013-01-05	13:00:00"	6.3106	291.72	43.41	55.013	595.2	26.609	0.09
"2013-01-05	14:00:00"	4.321	238.95	47.771	46.924	603.38	26.595	0.01
"2013-01-05	15:00:00"	3.8202	243.97	50.582	38.993	535	26.592	0
"2013-01-05	16:00:00"	4.2322	240.66	52.303	35.991	414.08	26.601	0
"2013-01-05	17:00:00"	4.8554	270.55	52.703	34.749	246.61	26.607	0
"2013-01-05	18:00:00"	3.8612	254.6	50.8	40.987	75.11	26.621	0
"2013-01-05	19:00:00"	2.2543	316.8	43.914	51.073	0.99673	26.633	0
"2013-01-05	20:00:00"	2.2668	315.67	39.47	58.076	0.1291	26.651	0
"2013-01-05	21:00:00"	3.3896	310.98	37.377	69.331	0.16026	26.663	0
"2013-01-05	22:00:00"	6.177	322.48	37.285	75.148	0.14584	26.686	0
"2013-01-05	23:00:00"	7.4664	10.516	35.717	63.629	0.13376	26.701	0
"2013-01-06	00:00:00"	7.9896	14.32	33.35	64.242	0.15135	26.716	0
"2013-01-06	01:00:00"	8.5927	12.121	31.698	67.35	0.14924	26.725	0
"2013-01-06	02:00:00"	9.3821	16.561	30.32	69.79	0.17785	26.725	0
"2013-01-06	03:00:00"	9.6704	15.38	29.5	71.381	0.17382	26.728	0
"2013-01-06	04:00:00"	9.7325	16.286	28.628	74.131	0.14415	26.734	0
"2013-01-06	05:00:00"	9.4914	14.739	28.35	74.759	0.17446	26.736	0
"2013-01-06	06:00:00"	9.7083	20.182	27.57	76.482	0.18697	26.739	0
"2013-01-06	07:00:00"	8.5308	20.53	26.651	78.242	0.15623	26.757	0
"2013-01-06	08:00:00"	6.3541	11.051	25.809	79.799	1.85	26.772	0
"2013-01-06	09:00:00"	7.357	21.017	27.733	75.614	74.286	26.784	0
"2013-01-06	10:00:00"	7.1849	44.514	33.752	62.716	234.54	26.801	0
"2013-01-06	11:00:00"	4.733	73.023	37.777	54.303	408.9	26.804	0
"2013-01-06	12:00:00"	5.9123	119.8	41.32	48.375	541.49	26.781	0
"2013-01-06	13:00:00"	7.5776	163.42	43.495	43.464	613.71	26.748	0
"2013-01-06	14:00:00"	6.7642	179.41	45.359	40.634	617.18	26.71	0
"2013-01-06	15:00:00"	6.9587	187.91	46.763	38.698	552.65	26.692	0
"2013-01-06	16:00:00"	5.3817	195.75	47.923	36.356	427.03	26.674	0
"2013-01-06	17:00:00"	5.0064	179.74	48.073	37.163	256.05	26.666	0
"2013-01-06	18:00:00"	4.4142	168.74	46.287	40.864	69.311	26.663	0
"2013-01-06	19:00:00"	2.5141	182.39	42.626	47.056	0.5787	26.66	0
"2013-01-06	20:00:00"	1.4801	185.78	40.328	48.868	0.1327	26.663	0
"2013-01-06	21:00:00"	0.90099	156.16	38.113	52.806	0.16471	26.657	0
"2013-01-06	22:00:00"	0.49213	174	35.4	58.986	0.14605	26.642	0
"2013-01-06	23:00:00"	1.5497	73.016	34.383	63.35	0.17488	26.633	0
"2013-01-07	00:00:00"	6.2647	131.84	37.68	50.837	0.18887	26.615	0
"2013-01-07	01:00:00"	7.892	136.1	37.407	52.126	0.19036	26.615	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-07	02:00:00"	6.0031	141.76	35.779	59.481	0.15135	26.583	0
"2013-01-07	03:00:00"	7.0289	130.88	35.436	60.084	0.15453	26.58	0
"2013-01-07	04:00:00"	7.7044	131.84	34.729	63.069	0.16301	26.553	0
"2013-01-07	05:00:00"	7.2067	117.19	34.531	63.269	0.15877	26.539	0
"2013-01-07	06:00:00"	4.7783	99.537	31.003	73.46	0.13948	26.521	0
"2013-01-07	07:00:00"	8.606	124.34	32.592	68.796	0.15898	26.518	0
"2013-01-07	08:00:00"	7.1035	111.79	32.159	70.061	0.56365	26.515	0
"2013-01-07	09:00:00"	3.2697	79.252	30.826	75.705	36.581	26.533	0
"2013-01-07	10:00:00"	6.041	108.23	33.315	70.979	134.27	26.542	0
"2013-01-07	11:00:00"	9.607	135.66	38.197	61.663	344.61	26.527	0
"2013-01-07	12:00:00"	13.719	166.68	42.873	53.061	523.45	26.512	0
"2013-01-07	13:00:00"	12.76	159.15	45.245	47.86	496.91	26.465	0
"2013-01-07	14:00:00"	10.659	134.49	47.051	44.751	585.71	26.415	0
"2013-01-07	15:00:00"	10.463	138.2	49.362	40.215	527.89	26.415	0
"2013-01-07	16:00:00"	10.498	142.75	50.452	36.831	403.01	26.394	0
"2013-01-07	17:00:00"	10.62	134.45	49.995	37.515	251.2	26.397	0
"2013-01-07	18:00:00"	8.739	132.35	48.108	40.335	64.429	26.4	0
"2013-01-07	19:00:00"	7.4011	118.15	45.155	47.183	0.7945	26.403	0
"2013-01-07	20:00:00"	4.9051	103.15	41.501	55.278	0.11383	26.415	0
"2013-01-07	21:00:00"	6.2914	123.84	40.845	56.343	0.14499	26.409	0
"2013-01-07	22:00:00"	1.9971	89.979	37.402	64.01	0.13185	26.406	0
"2013-01-07	23:00:00"	3.3237	79.499	34.725	70.516	0.17149	26.391	0
"2013-01-08	00:00:00"	2.0686	64.665	32.976	74.142	0.13439	26.388	0
"2013-01-08	01:00:00"	2.4123	19.934	30.523	80.032	0.17355	26.373	0
"2013-01-08	02:00:00"	2.3724	53.564	29.569	81.966	0.14881	26.373	0
"2013-01-08	03:00:00"	2.8142	61.26	28.829	84.206	0.13779	26.367	0
"2013-01-08	04:00:00"	3.4921	65.51	30.199	81.604	0.14393	26.358	0
"2013-01-08	05:00:00"	1.9499	10.659	29.142	85.766	0.19756	26.347	0
"2013-01-08	06:00:00"	2.7794	17.223	29.797	86.691	0.16746	26.35	0
"2013-01-08	07:00:00"	4.3291	46.801	31.776	84.726	0.14839	26.356	0
"2013-01-08	08:00:00"	3.4741	49.056	32.465	84.439	0.40213	26.379	0
"2013-01-08	09:00:00"	3.9233	33.569	33.085	84.022	16.038	26.4	0
"2013-01-08	10:00:00"	3.4735	34.561	34.288	82.044	52.791	26.412	0
"2013-01-08	11:00:00"	4.2775	33.689	36.161	79.774	117.27	26.406	0
"2013-01-08	12:00:00"	3.4747	29.982	38.281	76.883	156.77	26.403	0
"2013-01-08	13:00:00"	1.994	58.299	39.975	74.516	173.88	26.379	0
"2013-01-08	14:00:00"	2.1481	79.772	41.156	72.955	207.15	26.361	0
"2013-01-08	15:00:00"	4.0134	178.18	41.826	74.427	189.64	26.347	0
"2013-01-08	16:00:00"	5.826	149.35	42.371	75.166	171.86	26.361	0
"2013-01-08	17:00:00"	4.9735	159.49	42.922	74.636	212.63	26.376	0
"2013-01-08	18:00:00"	5.8595	124.49	42.645	78.296	17.794	26.388	0
"2013-01-08	19:00:00"	2.0052	92.865	42.824	80.231	0.44728	26.391	0
"2013-01-08	20:00:00"	4.9182	7.331	42.029	81.366	0.13439	26.409	0
"2013-01-08	21:00:00"	8.4152	12.098	41.976	81.988	0.16047	26.423	0
"2013-01-08	22:00:00"	6.7698	18.831	42.67	81.39	0.12231	26.453	0
"2013-01-08	23:00:00"	5.4246	22.181	42.853	80.273	0.16132	26.483	0
"2013-01-09	00:00:00"	5.5731	25.124	42.923	80.019	0.14733	26.485	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-09	01:00:00"	7.0832	24.706	43.25	79.775	0.14523	26.506	0
"2013-01-09	02:00:00"	10.325	9.2776	42.5	80.899	0.14966	26.512	0
"2013-01-09	03:00:00"	9.7002	0.98001	42.038	81.498	0.14097	26.503	0
"2013-01-09	04:00:00"	10.759	354.21	41.297	81.438	0.1238	26.524	0
"2013-01-09	05:00:00"	13.75	353.04	40.445	81.573	0.14245	26.518	0
"2013-01-09	06:00:00"	14.3	359.02	39.175	78.115	0.13079	26.545	0
"2013-01-09	07:00:00"	15.243	357.91	38.646	78.145	0.16725	26.553	0
"2013-01-09	08:00:00"	14.544	9.6707	38.333	74.368	0.26434	26.595	0
"2013-01-09	09:00:00"	13.871	6.3216	37.518	76.818	9.9961	26.627	0
"2013-01-09	10:00:00"	14.502	10.327	36.941	88.622	41.75	26.636	0.04
"2013-01-09	11:00:00"	17.451	11.719	38.342	86.819	83.036	26.621	0.03
"2013-01-09	12:00:00"	16.363	8.7142	39.529	82.539	96.727	26.589	0.02
"2013-01-09	13:00:00"	17.533	10.353	40.071	80.181	110.91	26.547	0
"2013-01-09	14:00:00"	15.724	12.852	39.636	82.153	76.321	26.53	0.06
"2013-01-09	15:00:00"	14.571	6.8536	40.075	81.906	76.145	26.494	0.07
"2013-01-09	16:00:00"	16.5	359.29	40.358	82.808	48.195	26.468	0.06
"2013-01-09	17:00:00"	22.313	353.27	40.635	81.361	31.779	26.432	0.04
"2013-01-09	18:00:00"	23.582	354.48	40.862	82.5	4.1092	26.42	0.11
"2013-01-09	19:00:00"	21.757	358.02	40.477	86.202	0.08013	26.412	0.23
"2013-01-09	20:00:00"	14.027	25.821	39.951	90.79	0.08628	26.456	0.2
"2013-01-09	21:00:00"	14.297	21.094	39.506	90.221	0.09433	26.444	0.03
"2013-01-09	22:00:00"	13.524	7.9429	39.588	90.448	0.09603	26.447	0
"2013-01-09	23:00:00"	10.779	6.3615	40.101	91.357	0.10005	26.438	0.01
"2013-01-10	00:00:00"	10.231	3.1973	39.861	92.291	0.06126	26.45	0.01
"2013-01-10	01:00:00"	8.9985	0.88921	40.04	92.346	0.07483	26.444	0
"2013-01-10	02:00:00"	8.8272	4.8052	40.265	92.569	0.08543	26.432	0.01
"2013-01-10	03:00:00"	8.6569	355.61	40.348	92.444	0.07822	26.415	0
"2013-01-10	04:00:00"	7.3794	311.89	40.201	92.252	0.0903	26.406	0
"2013-01-10	05:00:00"	7.4645	320.13	39.921	91.943	0.10429	26.406	0
"2013-01-10	06:00:00"	8.3848	314.15	39.872	91.491	0.092	26.412	0
"2013-01-10	07:00:00"	7.4993	301.67	39.096	92.347	0.07589	26.412	0
"2013-01-10	08:00:00"	5.6806	281.84	39.072	92.881	0.53355	26.438	0
"2013-01-10	09:00:00"	5.217	293.88	39.256	91.846	46.914	26.432	0
"2013-01-10	10:00:00"	7.5192	301.03	40.967	88.29	188.69	26.444	0
"2013-01-10	11:00:00"	7.554	287.27	41.917	85.727	301.5	26.438	0
"2013-01-10	12:00:00"	7.5093	266.84	45.171	77.977	458.58	26.415	0
"2013-01-10	13:00:00"	9.1242	254.45	47.845	73.247	535.7	26.376	0
"2013-01-10	14:00:00"	10.457	241.96	50.427	67.843	586.62	26.361	0
"2013-01-10	15:00:00"	11.039	232.39	52.514	59.803	566.7	26.347	0
"2013-01-10	16:00:00"	11.835	225.85	54.084	52.831	363.37	26.341	0
"2013-01-10	17:00:00"	9.4032	221.18	54.002	49.985	156.74	26.329	0
"2013-01-10	18:00:00"	7.4067	199.24	52.445	56.706	31.322	26.311	0
"2013-01-10	19:00:00"	7.1986	186.59	50.474	61.228	1.2021	26.32	0
"2013-01-10	20:00:00"	7.828	185.1	47.807	68.04	0.15178	26.314	0
"2013-01-10	21:00:00"	9.8282	200.54	48.477	64.164	0.16153	26.326	0
"2013-01-10	22:00:00"	11.126	194.7	46.652	66.323	0.12528	26.326	0
"2013-01-10	23:00:00"	8.391	189.26	44.688	70.843	0.1433	26.314	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-11	00:00:00"	10.264	196.09	43.917	72.307	0.14542	26.314	0
"2013-01-11	01:00:00"	4.7305	176.36	41.833	80.352	0.13397	0	0
"2013-01-11	02:00:00"	7.2613	196.01	41.51	81.562	0.15538	26.273	0
"2013-01-11	03:00:00"	8.2127	188.8	41.802	80.165	0.14436	26.267	0
"2013-01-11	04:00:00"	9.3025	177.49	40.42	84.292	0.16386	26.249	0
"2013-01-11	05:00:00"	6.7767	184.96	41.303	84.051	0.14881	26.226	0
"2013-01-11	06:00:00"	7.4546	190.69	41.733	84.746	0.15411	26.217	0
"2013-01-11	07:00:00"	6.9252	193.49	40.875	88.249	0.12549	26.223	0
"2013-01-11	08:00:00"	5.0002	176.92	40.078	89.738	0.80934	26.226	0
"2013-01-11	09:00:00"	5.3805	183.23	41.098	88.04	55.291	26.243	0
"2013-01-11	10:00:00"	8.9453	186.88	44.288	82.237	168.41	26.255	0
"2013-01-11	11:00:00"	10.122	201.8	51.072	66.059	389.34	26.258	0
"2013-01-11	12:00:00"	11.394	208.6	54.802	53.799	330.72	26.232	0
"2013-01-11	13:00:00"	13.571	219.36	56.675	47.739	450.81	26.208	0
"2013-01-11	14:00:00"	14.155	208.07	59.64	41.192	492.37	26.181	0
"2013-01-11	15:00:00"	19.61	192.77	61.846	34.653	503.61	26.193	0
"2013-01-11	16:00:00"	18.978	218.77	64.99	28.322	420.38	26.19	0
"2013-01-11	17:00:00"	14.905	218.06	64.193	26.619	174.88	26.187	0
"2013-01-11	18:00:00"	10.206	228.3	62.139	28.792	85.712	26.208	0
"2013-01-11	19:00:00"	9.8052	296.83	54.025	39.999	4.8005	26.226	0
"2013-01-11	20:00:00"	6.6512	305.6	49.71	45.861	0.1204	26.237	0
"2013-01-11	21:00:00"	9.53	302.69	48.604	45.931	0.11235	26.249	0
"2013-01-11	22:00:00"	12.016	305.78	47.83	46.534	0.13461	26.252	0
"2013-01-11	23:00:00"	7.4453	309.63	45.365	51.363	0.16513	26.246	0
"2013-01-12	00:00:00"	7.513	321.76	45.221	50.507	0.17891	26.276	0
"2013-01-12	01:00:00"	13.24	14.112	42.19	39.629	0.1168	26.288	0
"2013-01-12	02:00:00"	10.996	17.365	39.22	36.019	0.17043	26.299	0
"2013-01-12	03:00:00"	11.514	10.849	37.862	39.354	0.19015	26.294	0
"2013-01-12	04:00:00"	12.713	10.638	36.887	35.959	0.15072	26.294	0
"2013-01-12	05:00:00"	8.7315	10.356	35.465	36.688	0.19205	26.282	0
"2013-01-12	06:00:00"	7.2874	6.8807	34.307	41.568	0.20668	26.285	0
"2013-01-12	07:00:00"	7.7255	0.36699	33.537	43.188	0.15326	26.288	0
"2013-01-12	08:00:00"	8.1014	2.3178	32.045	47.576	0.86233	26.299	0
"2013-01-12	09:00:00"	7.2887	340.5	31.457	51.383	53.117	26.326	0
"2013-01-12	10:00:00"	11.345	351.5	36.05	38.866	213.56	26.353	0
"2013-01-12	11:00:00"	9.914	4.753	38.568	34.687	311.39	26.344	0
"2013-01-12	12:00:00"	8.7458	359.57	41.01	29.349	405.05	26.347	0
"2013-01-12	13:00:00"	10.393	318.26	41.471	33.667	422.65	26.332	0
"2013-01-12	14:00:00"	11.764	306.17	43.545	33.38	622.59	26.288	0
"2013-01-12	15:00:00"	6.5387	281.94	44.578	37.522	532.58	26.273	0
"2013-01-12	16:00:00"	8.0492	283.76	45.591	35.649	446.75	26.285	0
"2013-01-12	17:00:00"	7.1712	265.57	46.141	32.268	273.51	26.296	0
"2013-01-12	18:00:00"	4.2694	258.86	45.004	33.083	90.62	26.299	0
"2013-01-12	19:00:00"	1.1943	338.38	39.9	45.32	1.7768	26.291	0
"2013-01-12	20:00:00"	1.9424	339.38	33.802	58.941	0.15411	26.314	0
"2013-01-12	21:00:00"	1.2601	317.34	32.273	61.048	0.15792	26.332	0
"2013-01-12	22:00:00"	2.2108	276.06	34.145	55.296	0.20562	26.361	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-12	23:00:00"	7.2415	273.41	35.59	39.696	0.1539	26.388	0
"2013-01-13	00:00:00"	5.6265	275.73	34.79	36.749	0.17849	26.391	0
"2013-01-13	01:00:00"	4.8796	254.79	32.806	40.253	0.18421	26.406	0
"2013-01-13	02:00:00"	6.7903	82.051	29.025	74.666	0.16428	26.42	0
"2013-01-13	03:00:00"	6.1249	71.036	25.515	85.191	0.17361	26.441	0
"2013-01-13	04:00:00"	8.8005	56.314	24.033	84.467	0.1787	26.474	0
"2013-01-13	05:00:00"	7.7174	43.205	23.069	82.704	0.1929	26.465	0
"2013-01-13	06:00:00"	5.345	52.077	21.356	83.113	0.2071	26.477	0
"2013-01-13	07:00:00"	4.1651	39.617	19.045	87.023	0.21219	26.509	0
"2013-01-13	08:00:00"	3.9507	41.275	19.115	88.422	1.5479	26.539	0
"2013-01-13	09:00:00"	4.2949	36.567	23.339	85.334	76.276	26.55	0
"2013-01-13	10:00:00"	7.7118	36.522	27.599	73.21	240.29	26.562	0
"2013-01-13	11:00:00"	7.4869	62.436	29.417	66.049	416.43	26.556	0
"2013-01-13	12:00:00"	5.9888	65.747	30.956	60.741	556.58	26.53	0
"2013-01-13	13:00:00"	4.2402	82.688	32.942	52.734	634.06	26.5	0
"2013-01-13	14:00:00"	3.8419	107.29	35.184	45.259	640.77	26.477	0
"2013-01-13	15:00:00"	6.077	96.879	36.545	40.626	579.13	26.462	0
"2013-01-13	16:00:00"	7.0041	110.39	37.363	36.739	450.69	26.465	0
"2013-01-13	17:00:00"	8.2847	104.09	37.448	35.705	291.08	26.459	0
"2013-01-13	18:00:00"	8.3264	105.49	36.311	37.807	106.5	26.474	0
"2013-01-13	19:00:00"	6.0981	104.77	32.752	49.971	1.9396	26.483	0
"2013-01-13	20:00:00"	6.0099	92.652	28.792	62.694	0.15093	26.477	0
"2013-01-13	21:00:00"	7.2725	90.591	27.302	70.66	0.20774	26.491	0
"2013-01-13	22:00:00"	6.9531	93.861	26.444	73.411	0.19651	26.506	0
"2013-01-13	23:00:00"	8.3419	87.308	25.6	74.177	0.17891	26.506	0
"2013-01-14	00:00:00"	9.978	86.974	24.514	75.201	0.22109	26.512	0
"2013-01-14	01:00:00"	9.8413	79.095	23.194	76.261	0.17764	26.527	0
"2013-01-14	02:00:00"	10.51	77.431	22.993	74.282	0.15453	26.542	0
"2013-01-14	03:00:00"	11.282	83.144	23.769	69.72	0.20096	26.547	0
"2013-01-14	04:00:00"	12.204	82.813	23.977	67.654	0.18803	26.545	0
"2013-01-14	05:00:00"	11.242	82.68	22.932	66.781	0.22003	26.533	0
"2013-01-14	06:00:00"	10.52	69.988	21.651	69.721	0.20668	26.524	0
"2013-01-14	07:00:00"	10.855	67.077	20.82	70.789	0.21134	26.536	0
"2013-01-14	08:00:00"	9.7431	53.766	20.449	72.326	0.61962	26.559	0
"2013-01-14	09:00:00"	11.134	62.141	21.476	68.17	19.735	26.571	0
"2013-01-14	10:00:00"	11.419	66.082	22.239	63.429	71.326	26.574	0
"2013-01-14	11:00:00"	10.811	74.136	23.25	59.714	150.23	26.565	0
"2013-01-14	12:00:00"	10.03	91.522	25.392	50.668	354.92	26.545	0
"2013-01-14	13:00:00"	9.3989	103.76	27.74	46.004	397.74	26.515	0
"2013-01-14	14:00:00"	8.9303	104.34	29.07	42.497	372.39	26.488	0
"2013-01-14	15:00:00"	7.4223	97.21	30.091	42.276	316.55	26.48	0
"2013-01-14	16:00:00"	8.02	95.027	31.395	43.016	283.64	26.483	0
"2013-01-14	17:00:00"	7.8516	96.213	32.012	43.998	173.11	26.497	0
"2013-01-14	18:00:00"	8.1362	101.86	32.22	44.872	90.036	26.5	0
"2013-01-14	19:00:00"	4.8094	92.513	29.633	52.167	2.1109	26.509	0
"2013-01-14	20:00:00"	3.8177	71.273	26.631	58.876	0.20816	26.524	0
"2013-01-14	21:00:00"	4.5565	40.458	23.453	64.975	0.2283	26.515	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-14	22:00:00"	5.9347	47.769	22.915	66.221	0.21325	26.509	0
"2013-01-14	23:00:00"	6.4275	36.066	21.883	70.36	0.20922	26.521	0
"2013-01-15	00:00:00"	6.8922	32.913	20.564	74.262	0.19354	26.518	0
"2013-01-15	01:00:00"	6.9699	41.707	19.865	75.479	0.21495	26.521	0
"2013-01-15	02:00:00"	7.618	40.126	19.657	74.399	0.21071	26.515	0
"2013-01-15	03:00:00"	7.7056	22.447	18.483	77.227	0.2247	26.524	0
"2013-01-15	04:00:00"	8.7153	15.456	18.336	77.852	0.22343	26.521	0
"2013-01-15	05:00:00"	8.9689	7.5507	17.856	80.184	0.184	26.527	0
"2013-01-15	06:00:00"	8.7259	17.4	18.953	78.818	0.19227	26.521	0
"2013-01-15	07:00:00"	8.0014	15.359	18.49	79.292	0.20138	26.533	0
"2013-01-15	08:00:00"	7.5994	36.114	20.184	76.281	0.81443	26.55	0
"2013-01-15	09:00:00"	6.53	32.328	22.075	70.051	31.886	26.583	0
"2013-01-15	10:00:00"	6.4237	33.271	24.039	61.871	122.88	26.598	0
"2013-01-15	11:00:00"	5.3817	33.311	26.153	54.936	243	26.601	0
"2013-01-15	12:00:00"	3.2597	40.328	28.294	49.408	387.58	26.574	0
"2013-01-15	13:00:00"	3.0149	156.57	31.746	44.321	624.36	26.545	0
"2013-01-15	14:00:00"	4.3272	262.58	33.68	43.036	635.94	26.533	0
"2013-01-15	15:00:00"	5.6526	293.83	34.285	41.864	477.27	26.536	0
"2013-01-15	16:00:00"	6.6884	303.32	34.968	40.198	329.5	26.55	0
"2013-01-15	17:00:00"	6.4113	324.45	35.267	39.199	241.05	26.565	0
"2013-01-15	18:00:00"	7.1234	347.22	34.584	39.024	106.03	26.577	0
"2013-01-15	19:00:00"	3.2361	340.11	29.553	46.458	2.1582	26.595	0
"2013-01-15	20:00:00"	1.8331	339.1	25.647	55.328	0.20816	26.604	0
"2013-01-15	21:00:00"	2.2077	305.39	24.057	60.381	0.21685	26.607	0
"2013-01-15	22:00:00"	1.8194	289.9	23.755	64.622	0.18781	26.615	0
"2013-01-15	23:00:00"	2.9192	304.51	22.777	65.941	0.2406	26.618	0
"2013-01-16	00:00:00"	6.2889	312.05	22.227	68.072	0.19714	26.612	0
"2013-01-16	01:00:00"	7.1532	308.53	21.518	66.008	0.18159	26.609	0
"2013-01-16	02:00:00"	6.3423	310.25	21.071	66.014	0.20011	26.609	0
"2013-01-16	03:00:00"	5.8589	305.3	20.485	67.392	0.23063	26.615	0
"2013-01-16	04:00:00"	5.1617	292.75	20.236	65.74	0.18442	26.604	0
"2013-01-16	05:00:00"	4.4285	287.09	19.784	63.994	0.20117	26.604	0
"2013-01-16	06:00:00"	5.8738	290.69	20.434	60.071	0.20477	26.607	0
"2013-01-16	07:00:00"	5.8645	297.61	20.073	61.251	0.22979	26.612	0
"2013-01-16	08:00:00"	7.3782	299.9	20.929	59.401	1.9517	26.627	0
"2013-01-16	09:00:00"	7.8852	304.33	23.082	56.122	58.309	26.648	0
"2013-01-16	10:00:00"	9.6573	310.87	29.885	46.224	221.22	26.674	0
"2013-01-16	11:00:00"	8.3699	303.21	37.719	34.504	315.86	26.677	0
"2013-01-16	12:00:00"	11.008	322.32	43.85	31.018	462.71	26.666	0
"2013-01-16	13:00:00"	11.125	333.25	47.081	35.098	556.61	26.636	0
"2013-01-16	14:00:00"	13.023	326.29	50.142	35.067	637.36	26.612	0
"2013-01-16	15:00:00"	14.329	334.58	51.528	32.982	577.68	26.618	0
"2013-01-16	16:00:00"	14.988	332.09	52.32	30.256	454.53	26.627	0
"2013-01-16	17:00:00"	12.201	332.98	52.456	30.529	283.56	26.627	0
"2013-01-16	18:00:00"	9.2889	332.47	51.465	31.342	102.48	26.642	0
"2013-01-16	19:00:00"	3.4312	315.03	44.444	38.818	2.1974	26.663	0
"2013-01-16	20:00:00"	2.867	319.37	38.662	47.784	0.13312	26.68	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-16	21:00:00"	3.4859	302.47	37.816	50.882	0.16132	26.692	0
"2013-01-16	22:00:00"	3.9376	298.89	35.825	54.669	0.15029	26.71	0
"2013-01-16	23:00:00"	5.9838	310.57	34.698	58.597	0.15157	26.722	0
"2013-01-17	00:00:00"	4.8237	313.38	35.549	58.047	0.16852	26.736	0
"2013-01-17	01:00:00"	4.6653	315.53	33.902	59.868	0.11404	26.748	0
"2013-01-17	02:00:00"	5.3568	324.93	34.762	57.676	0.14224	26.76	0
"2013-01-17	03:00:00"	4.4571	324.35	35.257	56.144	0.1698	26.769	0
"2013-01-17	04:00:00"	5.314	326.17	35.633	55.234	0.1433	26.772	0
"2013-01-17	05:00:00"	4.9853	313.59	34.232	58.137	0.18145	26.781	0
"2013-01-17	06:00:00"	5.2071	330.23	33.956	59.637	0.1575	26.787	0
"2013-01-17	07:00:00"	4.1998	346.8	33.91	59.118	0.17276	26.793	0
"2013-01-17	08:00:00"	3.2019	1.4118	32.572	61.423	2.0416	26.813	0
"2013-01-17	09:00:00"	4.3421	323.05	35.305	56.956	76.288	26.846	0
"2013-01-17	10:00:00"	6.1596	15.708	44.111	44.642	240.21	26.875	0
"2013-01-17	11:00:00"	7.7199	52.814	48.528	39.094	420.03	26.887	0
"2013-01-17	12:00:00"	7.2272	75.437	50.774	36.415	557.83	26.869	0
"2013-01-17	13:00:00"	6.4014	87.021	52.6	32.849	634.34	26.843	0
"2013-01-17	14:00:00"	5.3401	121.08	54.118	30.102	643.64	26.813	0
"2013-01-17	15:00:00"	4.9082	124.56	55.152	27.602	583.52	26.798	0
"2013-01-17	16:00:00"	5.7744	120	56.116	26.359	460.01	26.798	0
"2013-01-17	17:00:00"	5.7129	115.09	56.023	26.066	288.72	26.804	0
"2013-01-17	18:00:00"	6.1379	135.43	54.585	27.899	105.01	26.81	0
"2013-01-17	19:00:00"	4.7025	111.78	49.925	33.867	2.4282	26.816	0
"2013-01-17	20:00:00"	4.715	100.87	44.704	41.213	0.16322	26.825	0
"2013-01-17	21:00:00"	5.1021	108.91	44.491	43.814	0.14436	26.828	0
"2013-01-17	22:00:00"	7.426	126.09	45.18	43.475	0.12719	26.837	0
"2013-01-17	23:00:00"	6.9879	118.56	43.993	45.248	0.15665	26.828	0
"2013-01-18	00:00:00"	6.2224	103.69	39.96	52.546	0.13249	26.819	0
"2013-01-18	01:00:00"	6.9308	126.51	40.869	51.182	0.14754	26.813	0
"2013-01-18	02:00:00"	6.5604	132.52	40.257	51.676	0.15114	26.807	0
"2013-01-18	03:00:00"	6.2703	137.58	39.329	54.144	0.14436	26.801	0
"2013-01-18	04:00:00"	5.3798	140.24	37.996	58.689	0.13757	26.772	0
"2013-01-18	05:00:00"	4.2197	120.22	37.108	61.472	0.14923	26.754	0
"2013-01-18	06:00:00"	3.5747	165.87	35.581	65.254	0.16513	26.742	0
"2013-01-18	07:00:00"	2.5271	173.02	33.473	70.021	0.15072	26.745	0
"2013-01-18	08:00:00"	2.478	253.69	33.306	71.338	1.9924	26.751	0
"2013-01-18	09:00:00"	3.7972	178.27	37.444	62.658	77.174	26.76	0
"2013-01-18	10:00:00"	8.9701	184.1	41.765	56.707	243.57	26.763	0
"2013-01-18	11:00:00"	12.389	189.57	47.586	44.728	425.91	26.763	0
"2013-01-18	12:00:00"	12.511	192.69	51.05	38.242	565.33	26.725	0
"2013-01-18	13:00:00"	15.152	190.57	53.965	32.564	641.03	26.68	0
"2013-01-18	14:00:00"	15.606	193.58	56.139	28.204	651.07	26.642	0
"2013-01-18	15:00:00"	13.387	195.5	57.813	25.692	601.75	26.627	0
"2013-01-18	16:00:00"	12.368	205.42	58.777	24.04	476.24	26.615	0
"2013-01-18	17:00:00"	11.535	196.92	58.451	24.147	296.17	26.609	0
"2013-01-18	18:00:00"	10.361	190.27	56.913	25.737	107.08	26.609	0
"2013-01-18	19:00:00"	4.5118	178.17	50.686	33.369	2.4861	26.609	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-18	20:00:00"	3.8134	179.05	47.233	38.122	0.14097	26.609	0
"2013-01-18	21:00:00"	4.2297	175.43	44.841	42.584	0.12888	26.604	0
"2013-01-18	22:00:00"	5.7191	171.32	43.284	48.454	0.16344	26.598	0
"2013-01-18	23:00:00"	6.2845	186.26	41.93	53.329	0.10938	26.589	0
"2013-01-19	00:00:00"	7.7988	189.87	41.785	55.813	0.13969	26.577	0
"2013-01-19	01:00:00"	8.1698	192.35	40.827	60.323	0.1274	26.565	0
"2013-01-19	02:00:00"	4.7187	205.07	38.971	64.233	0.15093	26.559	0
"2013-01-19	03:00:00"	4.9082	231.46	37.622	67.603	0.14902	26.553	0
"2013-01-19	04:00:00"	2.5837	230.3	34.663	74.633	0.16153	26.545	0
"2013-01-19	05:00:00"	1.756	232.83	32.496	80.119	0.16831	26.536	0
"2013-01-19	06:00:00"	2.749	273.04	33.56	78.135	0.12719	26.539	0
"2013-01-19	07:00:00"	3.4784	262.8	35.132	69.679	0.13397	26.547	0
"2013-01-19	08:00:00"	3.2342	245.83	35.1	66.337	1.4945	26.568	0
"2013-01-19	09:00:00"	3.0696	241.31	36.94	63.018	76.957	26.586	0
"2013-01-19	10:00:00"	2.232	260.46	42.517	52.014	255.17	26.612	0
"2013-01-19	11:00:00"	5.4426	285.96	49.242	36.919	436.64	26.624	0
"2013-01-19	12:00:00"	7.9424	282.55	57.504	26.592	575.06	26.609	0
"2013-01-19	13:00:00"	9.0596	285.17	63.069	18.708	656.16	26.58	0
"2013-01-19	14:00:00"	10.118	291.13	65.371	16.404	666.15	26.559	0
"2013-01-19	15:00:00"	11.095	301.44	66.109	14.769	606.18	26.553	0
"2013-01-19	16:00:00"	9.6281	331.45	65.332	13.95	483.64	26.559	0
"2013-01-19	17:00:00"	7.2688	343.36	65.098	13.788	308.31	26.568	0
"2013-01-19	18:00:00"	4.8877	9.1599	63.425	14.408	118.35	26.577	0
"2013-01-19	19:00:00"	2.4805	31.339	56.081	19.741	2.8537	26.589	0
"2013-01-19	20:00:00"	2.7179	23.778	47.123	29.105	0.14203	26.604	0
"2013-01-19	21:00:00"	4.7858	9.3328	44.853	33.642	0.12825	26.63	0
"2013-01-19	22:00:00"	6.5256	7.8311	44.172	33.6	0.13397	26.645	0
"2013-01-19	23:00:00"	6.5542	15.717	41.695	37.146	0.13228	26.651	0
"2013-01-20	00:00:00"	6.7829	17.986	40.276	39.797	0.14987	26.651	0
"2013-01-20	01:00:00"	6.9544	11.98	39.088	42.111	0.14372	26.645	0
"2013-01-20	02:00:00"	7.1495	20.51	37.896	44.436	0.14945	26.642	0
"2013-01-20	03:00:00"	5.4699	25.886	36.739	47.1	0.14054	26.636	0
"2013-01-20	04:00:00"	3.942	356.3	35.207	49.636	0.17531	26.624	0
"2013-01-20	05:00:00"	3.7848	346.78	33.505	52.425	0.16577	26.618	0
"2013-01-20	06:00:00"	5.1959	355.97	33.192	52.798	0.15496	26.615	0
"2013-01-20	07:00:00"	5.1027	322.85	31.638	55.749	0.12168	26.624	0
"2013-01-20	08:00:00"	5.496	321.05	29.299	61.892	2.2589	26.624	0
"2013-01-20	09:00:00"	3.6506	341.71	34.825	52.091	82.325	26.63	0
"2013-01-20	10:00:00"	2.639	356.16	46.587	34.638	254.21	26.642	0
"2013-01-20	11:00:00"	2.7514	142.6	54.007	25.977	441.29	26.648	0
"2013-01-20	12:00:00"	5.8521	189.52	56.142	24.199	583.67	26.624	0
"2013-01-20	13:00:00"	6.4014	216.61	58.642	21.302	664.49	26.58	0
"2013-01-20	14:00:00"	6.9612	219.75	60.803	19.045	675.07	26.542	0
"2013-01-20	15:00:00"	8.921	212.21	62.835	17.466	614.22	26.524	0
"2013-01-20	16:00:00"	9.4728	210.36	63.625	17.385	487.78	26.512	0
"2013-01-20	17:00:00"	11.229	195.3	63.529	17.444	311.91	26.5	0
"2013-01-20	18:00:00"	10.945	190.91	61.829	17.946	121.87	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-20	19:00:00"	6.4281	195.62	57.899	20.291	2.9885	26.506	0
"2013-01-20	20:00:00"	4.4478	201.64	55.726	21.405	0.11956	26.512	0
"2013-01-20	21:00:00"	5.7508	204.95	53.806	22.856	0.11532	26.521	0
"2013-01-20	22:00:00"	3.6791	222.02	50.569	25.894	0.12655	26.53	0
"2013-01-20	23:00:00"	3.2001	248.99	47.315	29.131	0.13185	26.542	0
"2013-01-21	00:00:00"	6.7586	344.43	44.361	32.973	0.17764	26.565	0
"2013-01-21	01:00:00"	9.0577	9.0694	39.717	37.956	0.15496	26.565	0
"2013-01-21	02:00:00"	10.737	10.525	37.206	42.983	0.11807	26.571	0
"2013-01-21	03:00:00"	11.054	11.353	35.461	47.829	0.16704	26.577	0
"2013-01-21	04:00:00"	11.617	4.4386	34.494	52.54	0.13609	26.583	0
"2013-01-21	05:00:00"	16.218	351.31	33.869	57.483	0.14075	26.586	0
"2013-01-21	06:00:00"	14.723	6.6054	32.569	63.944	0.1327	26.592	0
"2013-01-21	07:00:00"	13.545	8.8471	31.07	71.829	0.19884	26.612	0
"2013-01-21	08:00:00"	11.744	18.861	30.151	78.309	2.2114	26.633	0
"2013-01-21	09:00:00"	13.234	20.666	30.876	78.559	76.222	26.651	0
"2013-01-21	10:00:00"	15.001	23.962	33.405	71.603	248.98	26.672	0
"2013-01-21	11:00:00"	12.972	28.357	36.013	65.329	435.81	26.689	0
"2013-01-21	12:00:00"	10.431	37.793	39.133	58.926	607.8	26.686	0
"2013-01-21	13:00:00"	7.5291	43.36	41.656	52.384	660.2	26.66	0
"2013-01-21	14:00:00"	5.7203	41.711	43.903	46.37	673.37	26.63	0
"2013-01-21	15:00:00"	5.0741	38.12	46.438	41.341	622.58	26.609	0
"2013-01-21	16:00:00"	4.1296	48.755	48.497	38.09	485.24	26.601	0
"2013-01-21	17:00:00"	3.7065	61.198	49.49	36.036	315.86	26.598	0
"2013-01-21	18:00:00"	3.5946	70.585	49.362	36.316	126.72	26.595	0
"2013-01-21	19:00:00"	2.3096	84.058	45.064	42.655	3.1309	26.601	0
"2013-01-21	20:00:00"	2.2065	85.155	40.215	50.389	0.1486	26.598	0
"2013-01-21	21:00:00"	3.1771	135.11	39.032	53.942	0.13397	26.595	0
"2013-01-21	22:00:00"	3.9016	153.05	39.678	51.691	0.11341	26.598	0
"2013-01-21	23:00:00"	2.721	180.17	37.558	57.365	0.16768	26.601	0
"2013-01-22	00:00:00"	2.6004	256.53	36.507	59.025	0.10663	26.595	0
"2013-01-22	01:00:00"	1.0911	62.431	32.725	67.353	0.1698	26.598	0
"2013-01-22	02:00:00"	1.0893	49.587	31.351	72.484	0.18739	26.601	0
"2013-01-22	03:00:00"	1.61	135.48	33.927	68.791	0.1575	26.595	0
"2013-01-22	04:00:00"	2.5731	163.16	35.012	66.344	0.14711	26.589	0
"2013-01-22	05:00:00"	1.6746	321.64	31.398	73.481	0.13037	26.589	0
"2013-01-22	06:00:00"	1.6566	176.52	33.446	73.267	0.15538	26.586	0
"2013-01-22	07:00:00"	1.4863	74.982	32.633	73.468	0.16238	26.604	0
"2013-01-22	08:00:00"	1.3757	167.2	32.277	78.248	2.1726	26.609	0
"2013-01-22	09:00:00"	2.8453	172.22	35.551	71.107	83.266	26.612	0
"2013-01-22	10:00:00"	4.9697	216.64	40.031	67.093	255.94	26.624	0
"2013-01-22	11:00:00"	4.4782	220.49	45.413	57.384	442.92	26.642	0
"2013-01-22	12:00:00"	6.0354	201.72	51.474	45.741	585.87	26.633	0
"2013-01-22	13:00:00"	5.8048	216.19	55.405	38.084	666.56	26.598	0
"2013-01-22	14:00:00"	5.629	210.61	59.369	31.262	678.4	26.568	0
"2013-01-22	15:00:00"	7.4484	205.16	62.57	25.338	618.4	26.553	0
"2013-01-22	16:00:00"	7.3732	215.17	64.261	23.789	491.6	26.562	0
"2013-01-22	17:00:00"	7.1712	209.29	64.338	22.132	317.69	26.553	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-22	18:00:00"	7.8386	193.9	62.955	21.478	127.85	26.547	0
"2013-01-22	19:00:00"	8.7657	194.28	59.482	23.829	3.4671	26.55	0
"2013-01-22	20:00:00"	10.002	198.49	57.58	28.148	0.1132	26.559	0
"2013-01-22	21:00:00"	10.077	198.51	54.507	33.439	0.14393	26.562	0
"2013-01-22	22:00:00"	6.2777	205.03	50.676	40.464	0.13588	26.571	0
"2013-01-22	23:00:00"	6.0279	229.57	49.767	43.551	0.12592	26.586	0
"2013-01-23	00:00:00"	4.2458	222.93	48.828	52.948	0.11277	26.595	0
"2013-01-23	01:00:00"	3.8718	218.32	47.529	65.631	0.14563	26.589	0
"2013-01-23	02:00:00"	5.8166	209.06	46.679	76.728	0.09306	26.577	0
"2013-01-23	03:00:00"	3.0093	233.61	42.596	79.822	0.11023	26.58	0
"2013-01-23	04:00:00"	2.8819	241.83	40.919	87.348	0.08267	26.589	0
"2013-01-23	05:00:00"	3.0304	251.49	39.524	91.552	0.06805	26.58	0
"2013-01-23	06:00:00"	3.3355	266.13	35.914	92.825	0.07165	26.595	0
"2013-01-23	07:00:00"	2.8664	258.51	36.003	93.654	0.09009	26.621	0
"2013-01-23	08:00:00"	4.2769	245.52	39.131	91.196	2.3606	26.63	0
"2013-01-23	09:00:00"	4.6106	238.52	42.112	65.568	78.548	26.645	0
"2013-01-23	10:00:00"	2.8366	282.32	45.378	59.461	237.59	26.666	0
"2013-01-23	11:00:00"	3.4598	217.95	54.183	38.734	416.33	26.68	0
"2013-01-23	12:00:00"	6.0441	215.09	59.683	27.922	548.54	26.674	0
"2013-01-23	13:00:00"	7.5161	232.33	66.999	17.666	623.39	26.645	0
"2013-01-23	14:00:00"	12.124	261.54	71.086	12.942	642.15	26.612	0
"2013-01-23	15:00:00"	10.97	235.7	72.319	11.459	597	26.592	0
"2013-01-23	16:00:00"	11.25	213.85	72.37	11.441	484.6	26.589	0
"2013-01-23	17:00:00"	10.279	201.63	71.642	11.211	317.59	26.586	0
"2013-01-23	18:00:00"	7.5664	208.17	70.464	11.727	128.74	26.586	0
"2013-01-23	19:00:00"	4.4061	218.29	65.173	13.621	2.6762	26.589	0
"2013-01-23	20:00:00"	4.7622	199.07	61.743	16.188	0.11574	26.592	0
"2013-01-23	21:00:00"	6.064	218.36	59.229	19.051	0.12337	26.595	0
"2013-01-23	22:00:00"	1.285	252.21	52.882	24.983	0.13249	26.601	0
"2013-01-23	23:00:00"	6.123	259.11	55.592	24.989	0.14733	26.607	0
"2013-01-24	00:00:00"	5.5588	267.57	56.418	25.203	0.14075	26.607	0
"2013-01-24	01:00:00"	2.0771	305.46	51.845	30.129	0.10316	26.604	0
"2013-01-24	02:00:00"	5.1269	209.66	49.504	33.275	0.12804	26.612	0
"2013-01-24	03:00:00"	2.6756	228.78	47.926	35.202	0.16153	26.607	0
"2013-01-24	04:00:00"	2.5159	251.34	45.067	39.031	0.16768	0.02658	0
"2013-01-24	05:00:00"	1.8337	318.9	40.624	44.91	0.1433	26.598	0
"2013-01-24	06:00:00"	2.7458	262.96	45.993	34.234	0.15432	26.601	0
"2013-01-24	07:00:00"	3.9811	249.53	47.734	30.121	0.12252	26.601	0
"2013-01-24	08:00:00"	2.0922	272.56	44.998	33.921	1.7883	2.6604	0
"2013-01-24	09:00:00"	2.4383	222.33	44.544	36.164	76.541	26.612	0
"2013-01-24	10:00:00"	2.1593	221.06	50.361	32.298	261.47	26.624	0
"2013-01-24	11:00:00"	2.757	274.19	59.504	23.109	425.04	26.63	0
"2013-01-24	12:00:00"	3.6015	267.64	65.764	19.329	574.27	26.609	0
"2013-01-24	13:00:00"	8.5625	248.87	72.775	17.252	638.54	26.577	0
"2013-01-24	14:00:00"	13.685	270.11	75.948	16.708	655.99	26.55	0
"2013-01-24	15:00:00"	14.725	280.08	75.848	16.006	534.5	26.527	0
"2013-01-24	16:00:00"	12.362	274.72	76.395	14.698	533.89	26.521	0

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"2013-01-24	17:00:00"	10.253	274.88	76.529	13.548	369.07	26.515	0
"2013-01-24	18:00:00"	7.5546	292.77	74.572	13.402	151.23	26.518	0
"2013-01-24	19:00:00"	2.2077	302	67.224	17.864	3.9125	26.53	0
"2013-01-24	20:00:00"	2.7272	299.89	63.401	22.606	0.12231	26.542	0
"2013-01-24	21:00:00"	3.4082	309.38	60.266	26.036	0.1132	26.542	0
"2013-01-24	22:00:00"	2.1854	309.6	56.704	29.326	0.13503	26.539	0
"2013-01-24	23:00:00"	1.3447	268.02	53.504	32.96	0.12782	26.536	0
"2013-01-25	00:00:00"	1.6268	297.16	51.058	37.081	0.12083	26.536	0
"2013-01-25	01:00:00"	4.1844	293.62	51.924	37.96	0.12973	26.53	0
"2013-01-25	02:00:00"	5.4594	293.52	51.954	38.553	0.17721	26.527	0
"2013-01-25	03:00:00"	7.1016	305.89	51.077	39.879	0.12337	26.524	0
"2013-01-25	04:00:00"	9.1658	310	51.676	38.721	0.13206	26.521	0
"2013-01-25	05:00:00"	8.0753	309.73	50.478	41.014	0.14881	26.53	0
"2013-01-25	06:00:00"	8.6582	305.15	52.64	38.818	0.14457	26.533	0
"2013-01-25	07:00:00"	9.6847	306.38	50.993	43.264	0.13969	26.547	0
"2013-01-25	08:00:00"	8.2972	320.58	52.319	48.013	2.5641	26.545	0
"2013-01-25	09:00:00"	10.007	321.47	53.669	49.768	48.5	26.562	0
"2013-01-25	10:00:00"	11.607	323.01	57.686	43.203	189.58	26.586	0
"2013-01-25	11:00:00"	14.881	328.97	64.05	32.85	421.21	26.601	0
"2013-01-25	12:00:00"	11.848	347.38	65.586	28.483	557.54	26.598	0
"2013-01-25	13:00:00"	7.5167	346.01	66.872	25.561	704.31	26.58	0
"2013-01-25	14:00:00"	5.4879	319.79	68.334	24.114	435.97	26.559	0
"2013-01-25	15:00:00"	5.588	336.19	67.924	25.552	209.78	26.536	0
"2013-01-25	16:00:00"	3.9159	37.528	67.363	25.61	104.63	26.53	0
"2013-01-25	17:00:00"	4.6479	68.493	66.973	25.146	115.66	26.53	0
"2013-01-25	18:00:00"	4.4925	93.358	64.521	25.83	36.28	26.533	0
"2013-01-25	19:00:00"	5.5432	87.7	60.353	30.764	1.6002	26.542	0
"2013-01-25	20:00:00"	5.4034	80.647	56.573	36.216	0.09221	26.556	0
"2013-01-25	21:00:00"	6.8214	65.889	53.548	40.286	0.13206	26.559	0
"2013-01-25	22:00:00"	7.3782	72.68	52.371	43.926	0.14224	26.559	0
"2013-01-25	23:00:00"	6.7257	74.483	51.119	49.139	0.12804	26.565	0
"2013-01-26	00:00:00"	5.3338	95.653	50.072	52.675	0.11087	26.562	0
"2013-01-26	01:00:00"	4.2396	107.85	49.084	58.745	0.13291	26.559	0
"2013-01-26	02:00:00"	3.8662	79.038	47.824	61.612	0.14415	26.547	0
"2013-01-26	03:00:00"	4.623	100.58	46.513	64.395	0.12231	26.536	0
"2013-01-26	04:00:00"	4.636	102.24	45.516	65.832	0.12698	26.524	0
"2013-01-26	05:00:00"	3.732	86.232	44.446	67.873	0.12295	26.521	0
"2013-01-26	06:00:00"	3.6704	90.764	43.435	71.699	0.14203	26.518	0
"2013-01-26	07:00:00"	4.0868	95.414	43.591	71.771	0.13249	26.518	0
"2013-01-26	08:00:00"	6.3392	114.64	45.041	66.042	1.3228	26.518	0
"2013-01-26	09:00:00"	7.6161	116.46	45.681	63.619	59.048	26.512	0
"2013-01-26	10:00:00"	9.6872	121.79	49.318	55.222	206.18	26.515	0
"2013-01-26	11:00:00"	8.7613	126.65	54.691	49.684	411.3	26.518	0
"2013-01-26	12:00:00"	9.9562	146.09	60.044	47.996	505.94	26.497	0
"2013-01-26	13:00:00"	12.734	164.81	62.516	47.559	466.33	26.483	0
"2013-01-26	14:00:00"	11.326	169.55	65.75	44.949	541.04	26.435	0
"2013-01-26	15:00:00"	11.677	179.35	68.248	39.794	436.88	26.429	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-26	16:00:00"	11.381	184.75	68.06	38.578	154.76	26.423	0
"2013-01-26	17:00:00"	8.962	179.78	66.317	41.412	93.936	26.409	0
"2013-01-26	18:00:00"	6.0049	159.95	65.128	44.615	28.666	26.403	0
"2013-01-26	19:00:00"	3.3057	120.77	63.137	48.507	1.0792	26.391	0
"2013-01-26	20:00:00"	4.9971	115.75	62.399	50.04	0.10684	26.412	0
"2013-01-26	21:00:00"	5.4177	125.99	61.794	53.805	0.12316	26.406	0
"2013-01-26	22:00:00"	4.3316	148.67	59.858	63.803	0.11807	26.406	0
"2013-01-26	23:00:00"	3.2666	171.01	57.667	70.752	0.12507	26.409	0
"2013-01-27	00:00:00"	8.35	173.41	56.272	82.197	0.1257	26.415	0
"2013-01-27	01:00:00"	9.9053	186.07	56.97	87.291	0.09857	26.412	0
"2013-01-27	02:00:00"	5.3792	213.67	56.573	88.582	0.0797	26.409	0
"2013-01-27	03:00:00"	3.8749	220.63	55.747	90.592	0.07716	26.409	0
"2013-01-27	04:00:00"	2.5135	231.8	54.885	91.717	0.0778	26.403	0
"2013-01-27	05:00:00"	4.6914	195.85	55.083	91.228	0.05893	26.4	0
"2013-01-27	06:00:00"	5.5619	190.37	54.47	90.658	0.0884	26.391	0
"2013-01-27	07:00:00"	5.9105	184.6	52.536	91.455	0.08924	26.397	0
"2013-01-27	08:00:00"	6.6425	184.55	52.504	90.029	1.5174	26.409	0
"2013-01-27	09:00:00"	4.9529	206.26	52.355	89.197	72.852	26.42	0
"2013-01-27	10:00:00"	6.0876	205.78	54.25	87.095	220.11	26.429	0
"2013-01-27	11:00:00"	9.2945	243.44	61.55	63.471	389.56	26.441	0
"2013-01-27	12:00:00"	11.445	265.22	65.575	44.935	476.26	26.429	0
"2013-01-27	13:00:00"	11.968	254.44	68.714	36.603	616.19	26.4	0
"2013-01-27	14:00:00"	13.374	246.2	70.277	33.025	627.38	26.37	0
"2013-01-27	15:00:00"	14.916	245.87	71.02	29.557	477.52	26.353	0
"2013-01-27	16:00:00"	15.69	249.83	71.441	28.626	444.68	26.356	0
"2013-01-27	17:00:00"	14.431	254.52	70.429	29.835	295.26	26.356	0
"2013-01-27	18:00:00"	12.856	258.17	69.245	29.575	132.88	26.361	0
"2013-01-27	19:00:00"	7.8821	262.36	65.843	31.925	5.8886	26.373	0
"2013-01-27	20:00:00"	5.7303	280.96	60.917	39.293	0.11616	26.388	0
"2013-01-27	21:00:00"	4.6249	310.45	56.001	46.867	0.15305	26.373	0
"2013-01-27	22:00:00"	4.5229	313.01	54.514	50.046	0.13418	26.385	0
"2013-01-27	23:00:00"	2.3792	132.59	51.961	55.262	0.14181	26.397	0
"2013-01-28	00:00:00"	4.4851	171.78	52.647	54.109	0.1221	26.397	0
"2013-01-28	01:00:00"	4.0699	169.44	52.939	53.46	0.1503	26.394	0
"2013-01-28	02:00:00"	3.7431	170.28	51.838	55.148	0.13673	26.388	0
"2013-01-28	03:00:00"	3.3026	170.35	51.424	55.487	0.12761	26.385	0
"2013-01-28	04:00:00"	2.6458	169.1	51.05	67.43	0.12401	26.373	0
"2013-01-28	05:00:00"	1.8884	49.724	49.892	81.305	0.08734	26.356	0
"2013-01-28	06:00:00"	1.198	17.556	46.728	90.387	0.0744	26.35	0
"2013-01-28	07:00:00"	2.4743	167.84	48.323	91.702	0.09581	26.353	0
"2013-01-28	08:00:00"	3.4455	181.77	48.523	91.264	2.4929	26.358	0
"2013-01-28	09:00:00"	5.3146	173.64	46.941	92.489	58.802	26.364	0
"2013-01-28	10:00:00"	8.7576	186.08	50.855	92.74	224.98	26.37	0
"2013-01-28	11:00:00"	10.568	192.79	58.396	69.324	416.98	26.373	0
"2013-01-28	12:00:00"	14.8	192.79	63.801	44.934	564.11	26.356	0
"2013-01-28	13:00:00"	15.674	210.25	67.443	34.913	636.55	26.317	0
"2013-01-28	14:00:00"	18.38	222.27	70.427	25.413	646.16	26.285	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-28	15:00:00"	18.808	223.77	71.849	21.156	532.36	26.276	0
"2013-01-28	16:00:00"	17.534	224.24	70.843	20.799	293.05	26.267	0
"2013-01-28	17:00:00"	15.672	221.44	69.888	19.456	157.39	26.27	0
"2013-01-28	18:00:00"	12.171	234.08	68.31	20.071	45.431	26.255	0
"2013-01-28	19:00:00"	3.7065	242.35	64.138	25.151	3.0678	26.261	0
"2013-01-28	20:00:00"	3.5567	216.32	62.495	27.253	0.10938	26.264	0
"2013-01-28	21:00:00"	3.0211	170.61	59.072	29.995	0.13228	26.246	0
"2013-01-28	22:00:00"	2.0338	206.88	57.552	30.745	0.12146	26.229	0
"2013-01-28	23:00:00"	1.774	263.86	52.888	38.009	0.1238	26.226	0
"2013-01-29	00:00:00"	6.8873	187.66	56.963	36.315	0.14521	26.223	0
"2013-01-29	01:00:00"	4.2788	279.69	54.203	41.437	0.12761	26.214	0
"2013-01-29	02:00:00"	4.6013	298.22	50.785	41.886	0.12973	26.205	0
"2013-01-29	03:00:00"	8.2009	300.64	51.286	41.79	0.14372	26.19	0
"2013-01-29	04:00:00"	6.8668	301.13	49.021	47.396	0.15453	26.181	0
"2013-01-29	05:00:00"	7.9703	306.03	48.327	51	0.15708	26.172	0
"2013-01-29	06:00:00"	11.787	293.77	49.333	50.402	0.15347	26.169	0
"2013-01-29	07:00:00"	11.853	290.6	48.904	51.102	0.15051	26.178	0
"2013-01-29	08:00:00"	11	287.01	48.42	51.237	1.0453	26.196	0
"2013-01-29	09:00:00"	19.345	284.2	47.204	44.38	52.159	26.211	0
"2013-01-29	10:00:00"	20.218	270.47	46.222	41.547	133.86	26.211	0
"2013-01-29	11:00:00"	17.797	246.71	46.135	40.651	165.25	26.199	0
"2013-01-29	12:00:00"	17.869	246.96	46.216	39.981	204.65	26.193	0
"2013-01-29	13:00:00"	20.434	257.75	48.212	32.667	398.73	26.164	0
"2013-01-29	14:00:00"	23.572	258.4	49.988	28.768	611.04	26.158	0
"2013-01-29	15:00:00"	23.159	252.23	50.189	28.304	570.16	26.155	0
"2013-01-29	16:00:00"	24.277	256.2	48.247	29.021	377.06	26.146	0
"2013-01-29	17:00:00"	23.596	256.64	47.234	27.115	302.86	26.164	0
"2013-01-29	18:00:00"	20.05	260.23	46.196	24.929	103.53	26.175	0
"2013-01-29	19:00:00"	17.543	273.88	44.107	27.649	7.8142	26.199	0
"2013-01-29	20:00:00"	15.092	270.84	42.401	31.491	0.12931	26.217	0
"2013-01-29	21:00:00"	12.763	267.02	40.949	31.924	0.16365	26.252	0
"2013-01-29	22:00:00"	8.6812	278.37	38.276	30.26	0.16831	26.276	0
"2013-01-29	23:00:00"	7.613	285.78	35.139	30.549	0.19756	26.302	0
"2013-01-30	00:00:00"	21.188	310.15	35.925	43.876	0.16132	26.347	0
"2013-01-30	01:00:00"	16.665	331.61	32.505	63.768	0.16848	26.367	0
"2013-01-30	02:00:00"	11.041	337.12	30.299	73.127	0.15305	26.385	0
"2013-01-30	03:00:00"	6.7325	314.23	28.262	77.309	0.1558	26.406	0
"2013-01-30	04:00:00"	6.3131	323.04	26.352	79.489	0.13927	26.429	0
"2013-01-30	05:00:00"	7.5615	311.84	26.069	73.753	0.15835	26.456	0
"2013-01-30	06:00:00"	8.1977	316.43	25.539	71.636	0.17298	26.474	0
"2013-01-30	07:00:00"	8.0673	316.74	24.709	74.466	0.15729	26.497	0
"2013-01-30	08:00:00"	6.5847	318.21	23.013	79.326	4.1007	26.512	0
"2013-01-30	09:00:00"	6.8885	316.26	27.038	69.567	93.983	26.533	0
"2013-01-30	10:00:00"	9.7773	335.62	34.901	46.339	271.91	26.55	0
"2013-01-30	11:00:00"	8.9334	300.8	39.078	35.292	454.13	26.577	0
"2013-01-30	12:00:00"	12.661	284.6	41.82	30.527	593.85	26.568	0
"2013-01-30	13:00:00"	14.966	288.47	43.491	27.445	676.44	26.539	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-01-30	14:00:00"	15.116	284.14	45.125	22.345	690.59	26.515	0
"2013-01-30	15:00:00"	16.108	281.1	46.555	18.163	632.88	26.494	0
"2013-01-30	16:00:00"	15.644	287.07	48.158	15.43	512.83	26.5	0
"2013-01-30	17:00:00"	14.102	287.91	48.922	14.269	342.98	26.506	0
"2013-01-30	18:00:00"	11.704	284.71	48.371	14.346	152.79	26.506	0
"2013-01-30	19:00:00"	5.1841	259.53	45.073	18.378	8.7365	26.515	0
"2013-01-30	20:00:00"	1.9691	274.29	40.464	22.708	0.13376	26.53	0
"2013-01-30	21:00:00"	2.2432	295.69	39.074	23.948	0.15093	26.527	0
"2013-01-30	22:00:00"	2.7589	266.15	37.257	26.295	0.1893	26.53	0
"2013-01-30	23:00:00"	2.1661	248.78	36.043	28.211	0.16216	26.53	0
"2013-01-31	00:00:00"	1.9822	237.63	35.381	29.422	0.17976	26.53	0
"2013-01-31	01:00:00"	2.4644	231.01	34.197	31.372	0.18539	26.533	0
"2013-01-31	02:00:00"	7.6522	192.64	34.138	31.426	0.17467	26.542	0
"2013-01-31	03:00:00"	7.7566	196.71	33.98	32.061	0.17594	26.55	0
"2013-01-31	04:00:00"	3.9699	225.37	32.36	34.965	0.17234	26.536	0
"2013-01-31	05:00:00"	2.0922	296.97	30.416	39.282	0.18887	26.533	0
"2013-01-31	06:00:00"	4.2092	300.31	29.953	41.122	0.16534	26.533	0
"2013-01-31	07:00:00"	4.9393	305.73	30.086	41.26	0.19142	0.26518	0
"2013-01-31	08:00:00"	6.6567	298.37	30.556	40.236	4.5788	26.553	0
"2013-01-31	09:00:00"	9.5113	299.06	34.416	35.219	96.065	26.586	0
"2013-01-31	10:00:00"	10.467	288.48	44.161	26.437	265.95	26.609	0
"2013-01-31	11:00:00"	14.802	290.63	52.032	22.959	450.55	26.618	0
"2013-01-31	12:00:00"	15.731	299.58	53.919	22.833	589.27	26.604	0
"2013-01-31	13:00:00"	16.45	312.16	57.299	21.593	669.03	26.565	0
"2013-01-31	14:00:00"	14.559	312.29	59.665	18.435	694.61	26.556	0
"2013-01-31	15:00:00"	11.536	320.51	60.567	15.944	578.03	26.562	0
"2013-01-31	16:00:00"	10.872	320.73	61.035	15.089	447.11	26.556	0
"2013-01-31	17:00:00"	8.7073	305.41	61.217	14.885	313.52	26.559	0
"2013-01-31	18:00:00"	6.6039	325.44	60.23	14.945	142.32	26.568	0
"2013-01-31	19:00:00"	1.321	7.7876	53.869	19.894	5.9102	26.583	0
"2013-01-31	20:00:00"	2.8521	31.429	48.055	24.991	0.14224	26.595	0
"2013-01-31	21:00:00"	2.0891	58.605	45.436	28.214	0.14097	26.615	0
"2013-01-31	22:00:00"	2.1847	103.52	47.101	26.62	0.1416	26.624	0
"2013-01-31	23:00:00"	2.0611	141.48	46.607	26.883	0.15347	26.624	0
"2013-02-01	00:00:00"	1.4981	84.06	43.157	30.389	0.12274	26.63	0
"2013-02-01	01:00:00"	1.2036	59.551	37.211	39.346	0.19311	26.627	0
"2013-02-01	02:00:00"	1.6845	121.41	38.996	37.557	0.18972	26.621	0
"2013-02-01	03:00:00"	2.8745	155.92	39.803	36.026	0.15792	26.627	0
"2013-02-01	04:00:00"	2.6632	192.03	42.242	31.306	0.12634	26.621	0
"2013-02-01	05:00:00"	7.055	59.769	33.578	52.363	0.16365	26.621	0
"2013-02-01	06:00:00"	6.1727	61.183	30.787	64.402	0.15623	26.618	0
"2013-02-01	07:00:00"	6.1777	68.661	29.794	68.945	0.19862	26.618	0
"2013-02-01	08:00:00"	6.932	54.353	28.052	75.445	4.7125	26.627	0
"2013-02-01	09:00:00"	8.4736	55.862	29.961	74.263	98.834	26.63	0
"2013-02-01	10:00:00"	8.0001	76.398	36.349	62.094	279.18	26.636	0
"2013-02-01	11:00:00"	7.4552	139.69	44.656	42.34	463.25	26.639	0
"2013-02-01	12:00:00"	13.848	181.56	51.767	29.022	603.02	26.621	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-01	13:00:00"	17.774	189.74	57.667	20.258	683.08	26.583	0
"2013-02-01	14:00:00"	16.105	192.49	60.807	16.956	696.73	26.545	0
"2013-02-01	15:00:00"	13.418	210.6	62.701	16.143	642.93	26.518	0
"2013-02-01	16:00:00"	12.464	216.95	64.181	15.41	523.13	26.515	0
"2013-02-01	17:00:00"	11.052	227.03	65.282	14.443	352.23	26.506	0
"2013-02-01	18:00:00"	8.962	219.56	64.375	15.199	158.54	26.503	0
"2013-02-01	19:00:00"	6.7319	211.42	61.241	16.893	10.55	26.509	0
"2013-02-01	20:00:00"	8.1536	191.85	56.163	20.342	0.16089	26.518	0
"2013-02-01	21:00:00"	4.7174	202.73	53.14	22.88	0.12549	26.533	0
"2013-02-01	22:00:00"	5.3332	226.65	50.493	25.176	0.14372	26.539	0
"2013-02-01	23:00:00"	2.9851	232.84	47.215	28.782	0.15347	26.542	0
"2013-02-02	00:00:00"	4.0476	217.74	48.202	28.021	0.17255	26.545	0
"2013-02-02	01:00:00"	3.2529	224.53	45.665	31.938	0.14521	26.545	0
"2013-02-02	02:00:00"	4.1644	225.07	44.742	32.642	0.13906	26.55	0
"2013-02-02	03:00:00"	2.785	288.1	41.826	35.476	0.14817	26.562	0
"2013-02-02	04:00:00"	6.0285	299.04	38.855	36.952	0.17594	26.568	0
"2013-02-02	05:00:00"	9.4337	305.08	39.403	36.178	0.17997	26.586	0
"2013-02-02	06:00:00"	14.94	331.75	44.551	30.072	0.16216	26.601	0
"2013-02-02	07:00:00"	13.028	344.81	42.338	35.449	0.16195	26.624	0
"2013-02-02	08:00:00"	13.132	353.76	42.675	36.281	4.2555	26.657	0
"2013-02-02	09:00:00"	14.042	0.58099	43.155	36.902	82.351	26.669	0
"2013-02-02	10:00:00"	16.964	6.5875	46.532	33.61	238.01	26.695	0
"2013-02-02	11:00:00"	15.813	18.176	51.387	29.038	479.14	26.725	0
"2013-02-02	12:00:00"	13.501	32.516	55.352	24.981	618.03	26.742	0
"2013-02-02	13:00:00"	10.501	47.316	57.691	22.193	685.64	26.734	0
"2013-02-02	14:00:00"	9.9407	61.327	59.364	20.041	702.97	26.707	0
"2013-02-02	15:00:00"	9.0291	80.278	60.555	17.888	631.26	26.695	0
"2013-02-02	16:00:00"	7.4446	82.985	60.887	17.743	425.44	26.689	0
"2013-02-02	17:00:00"	6.7487	93.928	60.974	17.369	343.52	26.686	0
"2013-02-02	18:00:00"	6.1683	98.47	60.032	18.503	139.78	26.695	0
"2013-02-02	19:00:00"	4.9126	110.32	56.307	22.191	13.858	26.71	0
"2013-02-02	20:00:00"	5.529	104.9	51.081	26.448	0.14139	26.722	0
"2013-02-02	21:00:00"	5.5414	103.92	47.614	30.198	0.14266	26.725	0
"2013-02-02	22:00:00"	6.2398	107.11	48.013	30.739	0.16598	26.722	0
"2013-02-02	23:00:00"	7.6764	127.7	47.905	31.271	0.1221	26.725	0
"2013-02-03	00:00:00"	6.4113	134.89	45.742	34.852	0.17064	26.725	0
"2013-02-03	01:00:00"	6.4057	135.26	45.088	37.087	0.13058	26.722	0
"2013-02-03	02:00:00"	7.1228	127.08	44.719	38.586	0.1734	26.707	0
"2013-02-03	03:00:00"	7.1793	130.99	44.085	39.697	0.18103	26.689	0
"2013-02-03	04:00:00"	6.0677	132.94	43.319	41.436	0.13482	26.677	0
"2013-02-03	05:00:00"	5.2431	149.55	41.717	44.468	0.19714	26.669	0
"2013-02-03	06:00:00"	3.082	163.48	39.033	49.261	0.16428	26.672	0
"2013-02-03	07:00:00"	3.2436	212.08	39.033	49.9	0.15644	26.666	0
"2013-02-03	08:00:00"	1.1315	150.78	37.233	53.588	5.641	26.663	0
"2013-02-03	09:00:00"	3.6835	138.64	40.334	50.061	101.92	26.657	0
"2013-02-03	10:00:00"	11.404	152.15	47.853	42.206	290.85	26.648	0
"2013-02-03	11:00:00"	15.395	154.94	52.808	41.662	438.04	26.63	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-03	12:00:00"	15.606	164.85	55.184	46.047	563.75	26.601	0
"2013-02-03	13:00:00"	15.587	168.8	55.752	49.027	419.01	26.556	0
"2013-02-03	14:00:00"	14.698	171.76	57.713	44.166	452.44	26.506	0
"2013-02-03	15:00:00"	14.297	164.96	58.363	42.276	382.88	26.471	0
"2013-02-03	16:00:00"	13.003	165.45	58.386	38.782	232.87	26.456	0
"2013-02-03	17:00:00"	13.403	172.03	57.506	39.152	118.37	26.426	0
"2013-02-03	18:00:00"	11.533	175.44	57.518	42.934	80.105	26.415	0
"2013-02-03	19:00:00"	2.6707	170.06	56.007	44.323	5.7826	26.4	0
"2013-02-03	20:00:00"	8.1897	164.66	54.901	46.08	0.11998	26.394	0
"2013-02-03	21:00:00"	7.4272	176.4	52.836	52.511	0.15708	26.394	0
"2013-02-03	22:00:00"	9.0509	187.21	52.688	60.394	0.13609	26.382	0
"2013-02-03	23:00:00"	7.9859	190.93	51.748	65.495	0.1079	26.379	0
"2013-02-04	00:00:00"	5.688	221.2	50.633	68.637	0.12973	26.373	0
"2013-02-04	01:00:00"	3.8805	240.79	50.182	71.007	0.16047	26.356	0
"2013-02-04	02:00:00"	3.2218	212.1	50.07	67.406	0.11595	26.338	0
"2013-02-04	03:00:00"	4.3415	223.27	48.55	69.365	0.10832	26.326	0
"2013-02-04	04:00:00"	2.9646	250.37	45.295	75.233	0.13418	26.323	0
"2013-02-04	05:00:00"	4.1731	262.36	44.813	72.636	0.17086	26.329	0
"2013-02-04	06:00:00"	3.2821	284.08	43.775	64.973	0.17785	26.323	0
"2013-02-04	07:00:00"	3.7164	308.12	41.344	68.054	0.11129	26.326	0
"2013-02-04	08:00:00"	2.3625	301.27	40.042	65.544	6.1417	26.353	0
"2013-02-04	09:00:00"	5.8067	264.94	43.53	53.304	96.484	26.364	0
"2013-02-04	10:00:00"	15.818	306.11	52.119	39.961	271.49	26.388	0
"2013-02-04	11:00:00"	16.368	320.16	56.581	31.681	469.76	26.403	0
"2013-02-04	12:00:00"	11.224	346.09	56.956	27.096	607.65	26.394	0
"2013-02-04	13:00:00"	9.6797	356.14	59.319	23.458	688.53	26.385	0
"2013-02-04	14:00:00"	10.054	348.04	61.568	20.438	711.22	26.361	0
"2013-02-04	15:00:00"	10.937	341.15	63.025	18.34	627.16	26.356	0
"2013-02-04	16:00:00"	11.21	346.59	63.969	17.404	527.21	26.347	0
"2013-02-04	17:00:00"	11.152	349.24	64.34	16.578	358.03	26.361	0
"2013-02-04	18:00:00"	9.0055	355.71	63.16	17.135	155.85	26.364	0
"2013-02-04	19:00:00"	3.502	353.87	56.599	21.099	11.137	26.379	0
"2013-02-04	20:00:00"	2.7943	346.33	49.112	26.7	0.13821	26.394	0
"2013-02-04	21:00:00"	2.7284	16.169	46.059	30.465	0.12994	26.4	0
"2013-02-04	22:00:00"	3.4033	17.599	45.397	30.827	0.14521	26.403	0
"2013-02-04	23:00:00"	3.4368	46.289	45.196	30.873	0.18506	26.406	0
"2013-02-05	00:00:00"	3.4586	52.504	45.186	30.896	0.1257	26.403	0
"2013-02-05	01:00:00"	1.8728	84.593	43.42	33.049	0.14987	26.406	0
"2013-02-05	02:00:00"	1.1384	6.3887	42.606	34.632	0.18018	26.4	0
"2013-02-05	03:00:00"	1.1489	304.83	39.984	41.211	0.19778	26.394	0
"2013-02-05	04:00:00"	2.7639	201.79	44.79	38.046	0.17891	26.391	0
"2013-02-05	05:00:00"	4.0172	238.24	44.543	35.875	0.15686	26.388	0
"2013-02-05	06:00:00"	3.8469	241.17	42.622	39.062	0.15877	26.385	0
"2013-02-05	07:00:00"	4.5006	240.52	41.86	43.981	0.16874	26.391	0
"2013-02-05	08:00:00"	3.6816	261.81	41.468	48.121	5.9905	26.4	0
"2013-02-05	09:00:00"	2.5433	281.77	41.381	50.756	105.79	26.423	0
"2013-02-05	10:00:00"	3.8612	274.42	49.548	38.319	288.86	26.444	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-05	11:00:00"	4.5652	240.64	57.261	26.121	475.65	26.444	0
"2013-02-05	12:00:00"	4.7665	233.46	62.344	21.745	619.09	26.438	0
"2013-02-05	13:00:00"	5.442	280.55	65.981	18.162	700.38	26.418	0
"2013-02-05	14:00:00"	4.3223	270.3	67.647	17.101	715.41	26.388	0
"2013-02-05	15:00:00"	5.4072	253.42	69.245	16.145	658.35	26.367	0
"2013-02-05	16:00:00"	4.9753	231.31	70	14.996	538.86	26.361	0
"2013-02-05	17:00:00"	3.9507	229.56	70.056	14.691	365.92	26.358	0
"2013-02-05	18:00:00"	3.5934	215.06	69.189	15.196	170.28	26.358	0
"2013-02-05	19:00:00"	1.6473	182.91	64.912	18.102	14.977	26.364	0
"2013-02-05	20:00:00"	1.5988	141.76	58.833	22.797	0.11023	26.382	0
"2013-02-05	21:00:00"	1.1663	53.855	54.961	26.542	0.13673	26.388	0
"2013-02-05	22:00:00"	2.0145	220.82	53.217	31.809	0.15284	26.397	0
"2013-02-05	23:00:00"	1.9666	198.14	53.721	35.564	0.15432	26.4	0
"2013-02-06	00:00:00"	1.4397	334.18	47.96	42.675	0.11871	26.397	0
"2013-02-06	01:00:00"	2.3776	267.57	48.859	45.691	0.17968	26.391	0
"2013-02-06	02:00:00"	2.5135	312.19	45.787	51.573	0.19269	26.382	0
"2013-02-06	03:00:00"	2.1555	319.29	42.795	50.18	0.11977	26.37	0
"2013-02-06	04:00:00"	1.4608	335.94	42.206	51.907	0.12168	26.358	0
"2013-02-06	05:00:00"	1.1123	344.22	39.212	52.198	0.17298	26.35	0
"2013-02-06	06:00:00"	1.9169	96.678	36.688	50.805	0.15411	26.356	0
"2013-02-06	07:00:00"	1.5808	49.138	34.516	52.143	0.16598	26.361	0
"2013-02-06	08:00:00"	1.8492	31.758	33.808	53.976	5.2991	26.361	0
"2013-02-06	09:00:00"	1.6678	335.6	39.169	47.549	105.56	26.37	0
"2013-02-06	10:00:00"	3.571	147.65	51.635	35.959	291.04	26.385	0
"2013-02-06	11:00:00"	5.0561	194.17	56.597	33.765	480.57	26.379	0
"2013-02-06	12:00:00"	6.5437	207.29	62.106	25.944	624.14	26.361	0
"2013-02-06	13:00:00"	9.9854	209.95	66.12	22.006	702.97	26.338	0
"2013-02-06	14:00:00"	11.997	217.42	68.361	20.732	711.84	26.305	0
"2013-02-06	15:00:00"	12.936	232.16	70.742	19.115	652.85	26.279	0
"2013-02-06	16:00:00"	13.126	240.78	71.859	19.478	515.53	26.267	0
"2013-02-06	17:00:00"	11.57	243.41	71.69	19.386	305.49	26.261	0
"2013-02-06	18:00:00"	8.4867	250.68	69.472	20.656	103.62	26.27	0
"2013-02-06	19:00:00"	6.1093	241.24	66.147	22.333	12.118	26.285	0
"2013-02-06	20:00:00"	4.5211	223.52	61.582	27	0.12125	26.302	0
"2013-02-06	21:00:00"	4.641	223.38	60.234	27.567	0.13948	26.302	0
"2013-02-06	22:00:00"	3.6245	241.16	58.274	29.004	0.12401	26.311	0
"2013-02-06	23:00:00"	2.9907	248.98	54.286	33.197	0.12719	26.323	0
"2013-02-07	00:00:00"	2.9335	246.56	53.367	33.156	0.11659	26.335	0
"2013-02-07	01:00:00"	3.3921	246.52	53.489	31.907	0.14075	26.335	0
"2013-02-07	02:00:00"	3.0211	267.34	50.949	35.201	0.14987	26.329	0
"2013-02-07	03:00:00"	7.0501	301.91	49.408	37.176	0.11404	26.326	0
"2013-02-07	04:00:00"	6.0745	293.12	47.429	39.598	0.14351	26.329	0
"2013-02-07	05:00:00"	4.9362	283.03	46.913	41.159	0.15877	26.347	0
"2013-02-07	06:00:00"	6.5468	292	46.219	42.584	0.1257	26.373	0
"2013-02-07	07:00:00"	6.9886	313.58	44.432	45.108	0.11998	26.4	0
"2013-02-07	08:00:00"	5.7234	324.16	41.612	48.926	6.6341	26.432	0
"2013-02-07	09:00:00"	16.933	359.01	48.011	35.054	107.87	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-07	10:00:00"	20.963	7.4244	49.971	32.974	292.55	26.483	0
"2013-02-07	11:00:00"	21.101	7.5532	53.008	31.138	475.01	26.512	0
"2013-02-07	12:00:00"	18.105	10.925	55.871	28.441	615.48	26.518	0
"2013-02-07	13:00:00"	17.141	16.128	58.58	25.529	695.29	26.503	0
"2013-02-07	14:00:00"	13.81	24.038	60.527	23.532	705.83	26.497	0
"2013-02-07	15:00:00"	10.493	27.757	61.431	22.441	636.12	26.494	0
"2013-02-07	16:00:00"	8.4115	5.4891	62.14	21.905	520.66	26.491	0
"2013-02-07	17:00:00"	8.35	11.95	61.998	22.594	359.81	26.494	0
"2013-02-07	18:00:00"	9.3255	13.48	60.873	24.052	156.7	26.521	0
"2013-02-07	19:00:00"	5.4743	34.769	55.992	29.13	14.796	26.536	0
"2013-02-07	20:00:00"	6.2671	27.153	49.821	36.026	0.13842	26.553	0
"2013-02-07	21:00:00"	6.3809	44.778	47.391	38.346	0.17446	26.574	0
"2013-02-07	22:00:00"	8.5177	41.849	45.607	40.447	0.13906	26.583	0
"2013-02-07	23:00:00"	9.1428	46.264	44.02	41.363	0.13312	26.589	0
"2013-02-08	00:00:00"	7.7106	46.398	40.884	45.325	0.15157	26.592	0
"2013-02-08	01:00:00"	7.1978	47.887	38.937	48.565	0.16193	26.595	0
"2013-02-08	02:00:00"	6.8543	63.063	38.356	49.993	0.20753	26.604	0
"2013-02-08	03:00:00"	6.8127	57.845	37.27	52.094	0.13609	26.595	0
"2013-02-08	04:00:00"	7.334	61.059	37.335	51.811	0.15157	26.592	0
"2013-02-08	05:00:00"	8.0772	57.021	36.971	52.613	0.19121	26.58	0
"2013-02-08	06:00:00"	9.392	69.483	37.835	53.398	0.1628	26.598	0
"2013-02-08	07:00:00"	3.2025	166.87	35.47	58.267	0.15475	26.612	0
"2013-02-08	08:00:00"	2.1108	181.33	35.299	64.196	7.9976	26.621	0
"2013-02-08	09:00:00"	3.6673	139.35	39.073	59.206	134.38	26.636	0
"2013-02-08	10:00:00"	10.647	134.56	43.235	49.487	305.36	26.63	0
"2013-02-08	11:00:00"	11.1	126.84	46.02	43.586	468.53	26.615	0
"2013-02-08	12:00:00"	12.677	127	49.552	36.729	619.52	26.601	0
"2013-02-08	13:00:00"	13.645	138.5	52.607	32.131	710.84	26.562	0
"2013-02-08	14:00:00"	13.615	144.64	55.07	29.152	714.76	26.521	0
"2013-02-08	15:00:00"	14.914	133.95	57.036	26.8	671.94	26.471	0
"2013-02-08	16:00:00"	16.416	133.46	58.59	25.635	561.97	26.441	0
"2013-02-08	17:00:00"	15.798	138	58.858	25.098	339.72	26.438	0
"2013-02-08	18:00:00"	15.467	134.31	58.3	25.473	150.35	26.415	0
"2013-02-08	19:00:00"	12.383	120.09	56.076	27.923	15.623	26.423	0
"2013-02-08	20:00:00"	10.157	111.36	52.354	31.742	0.10599	26.42	0
"2013-02-08	21:00:00"	12.132	107.6	50.97	34.046	0.13842	26.418	0
"2013-02-08	22:00:00"	12.596	106.75	49.31	35.872	0.15263	26.403	0
"2013-02-08	23:00:00"	10.919	104.09	47.275	37.981	0.15051	26.391	0
"2013-02-09	00:00:00"	11.129	115.03	46.94	39.023	0.15199	26.364	0
"2013-02-09	01:00:00"	11.306	123.17	46.972	40.894	0.13228	26.347	0
"2013-02-09	02:00:00"	7.8336	117.03	45.235	45.164	0.1433	26.329	0
"2013-02-09	03:00:00"	4.9337	83.729	41.884	52.097	0.14097	26.299	0
"2013-02-09	04:00:00"	4.2384	117.59	43.218	56.046	0.1469	26.276	0
"2013-02-09	05:00:00"	3.6537	155.51	44.771	60.326	0.12062	26.279	0
"2013-02-09	06:00:00"	9.822	190.22	46.587	64.703	0.10217	26.255	0
"2013-02-09	07:00:00"	9.2	173.57	46.104	69.902	0.16004	26.252	0
"2013-02-09	08:00:00"	11.211	179.74	47.636	69.363	3.023	26.252	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-09	09:00:00"	12.185	176.72	48.292	68.268	71.075	26.24	0
"2013-02-09	10:00:00"	18.068	173.35	50.884	63.557	197.37	26.229	0
"2013-02-09	11:00:00"	19.818	180.32	54.693	55.427	426.38	26.226	0
"2013-02-09	12:00:00"	21.59	184.85	59.381	45.354	568.89	26.199	0
"2013-02-09	13:00:00"	21.641	185.92	62.067	39.911	587.7	26.164	0
"2013-02-09	14:00:00"	22.1	186.77	65.44	33.126	638.71	26.119	0
"2013-02-09	15:00:00"	21.465	196.78	69.625	25.293	656.71	26.087	0
"2013-02-09	16:00:00"	21.476	207.98	73.114	15.559	537.4	26.081	0
"2013-02-09	17:00:00"	24.239	220.17	74.082	11.106	352.35	26.063	0
"2013-02-09	18:00:00"	18.153	235.31	72.954	7.8806	129.77	26.075	0
"2013-02-09	19:00:00"	16.479	258.56	68.958	7.9028	11.191	26.113	0
"2013-02-09	20:00:00"	21.394	284.38	60.117	18.799	0.07864	26.167	0
"2013-02-09	21:00:00"	23.402	290.38	54.131	23	0.11087	26.205	0
"2013-02-09	22:00:00"	22.51	288.32	50.387	23.915	0.12549	26.214	0
"2013-02-09	23:00:00"	20.05	291.67	47.809	22.943	0.14966	26.24	0
"2013-02-10	00:00:00"	12.101	290.32	45.261	22.228	0.12825	26.267	0
"2013-02-10	01:00:00"	8.5375	286.1	43.103	20.153	0.18772	26.288	0
"2013-02-10	02:00:00"	8.7619	273.86	42.027	22.049	0.14266	26.299	0
"2013-02-10	03:00:00"	5.7054	247.15	39.79	23.951	0.16958	26.299	0
"2013-02-10	04:00:00"	6.5816	253.05	37.254	28.49	0.18336	26.296	0
"2013-02-10	05:00:00"	4.605	244.31	36.353	31.966	0.19884	26.305	0
"2013-02-10	06:00:00"	3.4915	231.31	34.689	34.656	0.15602	26.314	0
"2013-02-10	07:00:00"	5.1027	221.94	35.403	33.516	0.19799	26.326	0
"2013-02-10	08:00:00"	4.8753	249.53	35.07	35.077	5.6336	26.341	0
"2013-02-10	09:00:00"	4.4782	239.8	36.262	34.461	129.19	26.358	0
"2013-02-10	10:00:00"	10.539	276.44	42.112	28.556	316.88	26.367	0
"2013-02-10	11:00:00"	13.509	285.55	46.405	23.171	515.77	26.376	0
"2013-02-10	12:00:00"	11.08	293.21	48.953	19.943	606.76	26.37	0
"2013-02-10	13:00:00"	8.363	280.83	51.355	17.736	633.18	26.35	0
"2013-02-10	14:00:00"	10.614	276.35	54.253	14.591	751.55	26.323	0
"2013-02-10	15:00:00"	11.527	278.35	55.848	13.089	698.82	26.311	0
"2013-02-10	16:00:00"	8.3251	268.62	57.184	11.953	576.08	26.314	0
"2013-02-10	17:00:00"	9.1236	249.83	58.702	10.013	401.09	26.317	0
"2013-02-10	18:00:00"	8.5494	248.71	58.184	9.8228	185.95	26.326	0
"2013-02-10	19:00:00"	2.4227	233.48	53.733	11.431	22.75	26.332	0
"2013-02-10	20:00:00"	4.4633	208.75	51.953	11.877	0.11956	26.353	0
"2013-02-10	21:00:00"	2.8484	281.06	48.029	14.433	0.12888	26.373	0
"2013-02-10	22:00:00"	1.2744	54.928	41.202	19.907	0.21474	26.394	0
"2013-02-10	23:00:00"	1.7417	306.97	38.558	22.143	0.20159	26.406	0
"2013-02-11	00:00:00"	1.8275	318.17	41.42	20.006	0.18357	26.4	0
"2013-02-11	01:00:00"	2.035	290.22	43.344	19.185	0.17637	26.403	0
"2013-02-11	02:00:00"	2.1207	267.09	44.278	18.745	0.14796	26.409	0
"2013-02-11	03:00:00"	1.7318	338.85	37.593	26.388	0.12422	26.406	0
"2013-02-11	04:00:00"	3.2541	151.46	36.503	28.703	0.16916	26.412	0
"2013-02-11	05:00:00"	1.2229	63.828	34.469	30.899	0.16153	26.403	0
"2013-02-11	06:00:00"	1.6069	347.96	34.554	28.893	0.2336	26.409	0
"2013-02-11	07:00:00"	0.98612	83.022	35.192	28.114	0.18866	26.412	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-11	08:00:00"	7.0911	28.078	32.163	34.708	9.8984	26.435	0
"2013-02-11	09:00:00"	10.02	57.568	34.842	38.67	130.7	26.447	0
"2013-02-11	10:00:00"	11.797	58.895	39.052	36.205	161.83	26.453	0
"2013-02-11	11:00:00"	13.248	70.873	44.4	31.213	512.16	26.453	0
"2013-02-11	12:00:00"	13.11	85.185	48.9	26.436	648.2	26.435	0
"2013-02-11	13:00:00"	11.246	105.12	53.275	23.667	723.25	26.403	0
"2013-02-11	14:00:00"	13.031	133.18	56.621	22.025	736.28	26.364	0
"2013-02-11	15:00:00"	12.975	138.65	58.878	21.52	682.34	26.335	0
"2013-02-11	16:00:00"	13.151	130.33	61.412	22.165	557.32	26.317	0
"2013-02-11	17:00:00"	10.607	169.98	63.211	21.765	418.67	26.317	0
"2013-02-11	18:00:00"	9.8661	188.64	62.602	21.737	187.92	26.311	0
"2013-02-11	19:00:00"	3.7332	151.04	59.184	25.846	21.27	26.299	0
"2013-02-11	20:00:00"	3.7574	108.55	53.954	31.626	0.15538	26.305	0
"2013-02-11	21:00:00"	14.936	110.76	54.83	40.452	0.12274	26.32	0
"2013-02-11	22:00:00"	13.415	103.96	51.615	53.991	0.13291	26.311	0
"2013-02-11	23:00:00"	16.837	108.71	48.059	68.163	0.12443	26.311	0
"2013-02-12	00:00:00"	18.621	116.9	45.729	76.689	0.12698	26.296	0
"2013-02-12	01:00:00"	15.464	120.06	43.869	82.139	0.14396	26.291	0
"2013-02-12	02:00:00"	12.03	127.72	43.642	85.944	0.10726	26.299	0
"2013-02-12	03:00:00"	9.1708	146.85	43.825	85.227	0.1151	26.294	0
"2013-02-12	04:00:00"	5.1729	226.71	44.397	84.712	0.1026	26.302	0
"2013-02-12	05:00:00"	4.6056	264.74	43.617	84.325	0.10196	26.32	0
"2013-02-12	06:00:00"	6.0323	271.24	44.484	82.877	0.1079	0	0
"2013-02-12	07:00:00"	7.3713	293.02	42.791	79.149	0.11447	26.314	0
"2013-02-12	08:00:00"	5.1934	283.9	39.832	72.92	4.834	26.341	0
"2013-02-12	09:00:00"	10.273	260.53	41.154	65.492	103.78	26.361	0
"2013-02-12	10:00:00"	16.232	278.23	44.089	52.333	313.1	26.385	0
"2013-02-12	11:00:00"	17.874	291.17	45.77	46.584	468.31	26.409	0
"2013-02-12	12:00:00"	18.655	315.91	46.435	47.294	676.1	26.415	0
"2013-02-12	13:00:00"	18.596	320.6	47.931	43.595	677.52	26.412	0
"2013-02-12	14:00:00"	18.844	320.35	47.712	42.073	493.35	26.409	0
"2013-02-12	15:00:00"	20.842	336.12	46.694	44.191	579.18	26.418	0
"2013-02-12	16:00:00"	19.064	342.34	46.583	44.276	577.85	26.423	0
"2013-02-12	17:00:00"	16.428	346.56	46.901	43.405	418.16	26.432	0
"2013-02-12	18:00:00"	13.426	353.55	46.561	43.102	202.41	26.456	0
"2013-02-12	19:00:00"	9.3572	2.4273	44.145	48.275	24.458	26.465	0
"2013-02-12	20:00:00"	5.7172	14.611	39.319	55.979	0.14415	26.48	0
"2013-02-12	21:00:00"	1.7846	53.552	36.525	62.406	0.16238	26.5	0
"2013-02-12	22:00:00"	1.0371	47.369	33.774	66.593	0.15326	26.512	0
"2013-02-12	23:00:00"	2.1748	332.02	30.238	72.323	0.16047	26.518	0
"2013-02-13	00:00:00"	1.6274	7.9797	29.693	76.755	0.16238	26.521	0
"2013-02-13	01:00:00"	1.7162	323.35	29.095	78.278	0.15029	26.521	0
"2013-02-13	02:00:00"	1.5099	341.37	26.857	83.34	0.12146	26.512	0
"2013-02-13	03:00:00"	1.9051	2.0235	26.618	84.744	0.12464	26.503	0
"2013-02-13	04:00:00"	2.5588	307.31	26.255	86.771	0.10133	26.497	0
"2013-02-13	05:00:00"	2.4575	292.34	25.325	86.12	0.11828	26.494	0
"2013-02-13	06:00:00"	3.4927	263.75	25.915	84.426	0.12252	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-13	07:00:00"	3.0491	271.37	25.991	83.286	0.13927	26.5	0
"2013-02-13	08:00:00"	3.4859	237.83	26.349	82.291	13.678	26.506	0
"2013-02-13	09:00:00"	2.1021	282.66	29.52	76.302	133.16	26.518	0
"2013-02-13	10:00:00"	6.1217	222.49	36.855	63.885	321.56	26.524	0
"2013-02-13	11:00:00"	9.3516	219.49	44.127	48.705	513.87	26.527	0
"2013-02-13	12:00:00"	10.95	222.18	49.482	32.077	661.58	26.515	0
"2013-02-13	13:00:00"	10.042	227.86	52.45	23.736	745.02	26.483	0
"2013-02-13	14:00:00"	10.757	221.76	54.166	18.278	760.54	26.441	0
"2013-02-13	15:00:00"	11.946	225.94	55.543	14.868	703.37	26.418	0
"2013-02-13	16:00:00"	11.552	223.93	56.751	12.966	578.7	26.4	0
"2013-02-13	17:00:00"	10.461	231.14	58.001	12.482	401.8	26.391	0
"2013-02-13	18:00:00"	9.2485	223.5	57.564	12.369	197.54	26.379	0
"2013-02-13	19:00:00"	5.9465	218.6	54.422	13.331	25.608	26.385	0
"2013-02-13	20:00:00"	1.1719	248.78	48.671	16.49	0.14881	26.406	0
"2013-02-13	21:00:00"	2.4171	203.91	47.178	17.732	0.11744	26.412	0
"2013-02-13	22:00:00"	3.2224	189.57	47.55	16.86	0.15623	26.415	0
"2013-02-13	23:00:00"	4.4677	179.85	43.176	20.199	0.14839	26.423	0
"2013-02-14	00:00:00"	3.8929	221.79	42.537	21.017	0.16386	26.426	0
"2013-02-14	01:00:00"	1.6167	304.53	36.339	27.393	0.17524	26.418	0
"2013-02-14	02:00:00"	0.68475	336.51	32.872	31.496	0.16662	26.418	0
"2013-02-14	03:00:00"	4.3595	306.1	34.728	30.67	0.18739	26.412	0
"2013-02-14	04:00:00"	5.8577	327.06	36.58	29.075	0.15432	26.409	0
"2013-02-14	05:00:00"	2.8639	342.69	35.846	29.645	0.1558	26.403	0
"2013-02-14	06:00:00"	4.5814	300.89	33.423	33.132	0.17319	26.415	0
"2013-02-14	07:00:00"	5.8067	294.49	31.425	35.75	0.17022	26.426	0
"2013-02-14	08:00:00"	5.2568	297.64	31.861	37.473	12.083	26.441	0
"2013-02-14	09:00:00"	7.8746	303.06	38.865	33.961	133.08	26.459	0
"2013-02-14	10:00:00"	11.503	309.77	46.872	28.491	333.87	26.462	0
"2013-02-14	11:00:00"	11.423	298.18	54.114	22.186	526.09	26.459	0
"2013-02-14	12:00:00"	14.513	282.22	57.559	18.46	674.43	26.447	0
"2013-02-14	13:00:00"	11.532	289.37	58.631	16.921	760.17	26.423	0
"2013-02-14	14:00:00"	8.9614	273.81	60.553	15.559	773.3	26.4	0
"2013-02-14	15:00:00"	8.6085	255.5	62.129	14.469	714.36	26.388	0
"2013-02-14	16:00:00"	7.7423	259.67	63.419	13.449	588.93	26.388	0
"2013-02-14	17:00:00"	7.0358	262.26	63.701	12.846	409.56	26.391	0
"2013-02-14	18:00:00"	8.2481	302.15	62.792	13.253	203.32	26.394	0
"2013-02-14	19:00:00"	6.5089	333.04	57.338	15.586	27.561	26.397	0
"2013-02-14	20:00:00"	4.0638	358.07	49.086	21.665	0.14393	26.418	0
"2013-02-14	21:00:00"	4.2228	4.8672	46.288	25.362	0.13863	26.444	0
"2013-02-14	22:00:00"	11.028	16.431	46.852	29.69	0.20414	26.48	0
"2013-02-14	23:00:00"	15.432	53.322	45.155	43.962	0.13821	26.515	0
"2013-02-15	00:00:00"	15.169	42.717	42.855	53.249	0.14054	26.545	0
"2013-02-15	01:00:00"	17.086	38.987	39.81	66.853	0.14542	26.562	0
"2013-02-15	02:00:00"	17.907	41.658	38.604	73.123	0.18654	26.586	0
"2013-02-15	03:00:00"	16.555	33.546	37.324	76.026	0.13609	26.607	0
"2013-02-15	04:00:00"	14.812	33.459	35.389	80.301	0.15559	26.633	0
"2013-02-15	05:00:00"	15.678	30.133	34.358	80.337	0.15199	26.651	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-15	06:00:00"	12.792	27.748	32.615	81.501	0.15962	26.674	0
"2013-02-15	07:00:00"	10.997	19.604	31.231	82.442	0.14075	26.701	0
"2013-02-15	08:00:00"	10.484	15.335	30.335	81.416	11.898	26.722	0
"2013-02-15	09:00:00"	11.014	9.0088	32.242	73.99	103.1	26.745	0
"2013-02-15	10:00:00"	13.532	22.928	34.928	64.841	242.41	26.76	0
"2013-02-15	11:00:00"	11.954	33.93	36.126	60.498	268.09	26.757	0
"2013-02-15	12:00:00"	8.4693	55.253	38.204	52.981	535.9	26.745	0
"2013-02-15	13:00:00"	8.1878	62.14	40.238	42.797	419.68	26.725	0
"2013-02-15	14:00:00"	6.9065	62.702	42.347	36.903	546.54	26.695	0
"2013-02-15	15:00:00"	5.345	54.612	44.286	34.195	584.94	26.686	0
"2013-02-15	16:00:00"	6.5337	25.622	44.441	34.097	312.03	26.689	0
"2013-02-15	17:00:00"	4.262	79.803	44.794	33.564	414.72	26.692	0
"2013-02-15	18:00:00"	4.856	20.757	44.939	34.139	200.98	26.698	0
"2013-02-15	19:00:00"	4.1402	58.526	42.526	37.008	25.866	26.707	0
"2013-02-15	20:00:00"	3.3125	94.8	37.908	41.942	0.16937	26.719	0
"2013-02-15	21:00:00"	4.4931	123.77	37.342	41.727	0.12019	26.722	0
"2013-02-15	22:00:00"	4.8461	145.45	36.734	41.819	0.1611	26.734	0
"2013-02-15	23:00:00"	3.722	168.23	33.843	45.697	0.16937	26.742	0
"2013-02-16	00:00:00"	3.9289	208.6	33.284	46.664	0.17743	26.748	0
"2013-02-16	01:00:00"	3.2395	248.76	32.73	48.01	0.14819	26.751	0
"2013-02-16	02:00:00"	2.2711	263.55	31.315	51.557	0.17298	26.754	0
"2013-02-16	03:00:00"	2.227	242.7	30.982	52.979	0.17976	26.754	0
"2013-02-16	04:00:00"	1.8846	259.97	30.171	55.18	0.18633	26.751	0
"2013-02-16	05:00:00"	2.3625	275.27	29.261	56.882	0.1787	26.748	0
"2013-02-16	06:00:00"	1.8088	279.22	28.039	59.552	0.16683	26.742	0
"2013-02-16	07:00:00"	1.8616	265.02	27.629	60.933	0.10408	26.739	0
"2013-02-16	08:00:00"	1.9107	263.5	28.335	60.309	13.549	26.745	0
"2013-02-16	09:00:00"	2.232	260.96	32.761	55.329	138.44	26.754	0
"2013-02-16	10:00:00"	5.5209	223.61	39.847	51.016	341.63	26.751	0
"2013-02-16	11:00:00"	9.8599	223.44	46.371	41.001	537.24	26.739	0
"2013-02-16	12:00:00"	9.9165	235.01	51.742	29.338	686.86	26.725	0
"2013-02-16	13:00:00"	9.5262	254.27	55.844	24.198	770.88	26.686	0
"2013-02-16	14:00:00"	9.5424	258.02	58.665	18.781	784.49	26.645	0
"2013-02-16	15:00:00"	9.3721	242.55	61.456	15.604	724.76	26.607	0
"2013-02-16	16:00:00"	11.724	226.56	62.902	13.041	600.42	26.577	0
"2013-02-16	17:00:00"	13.3	221.52	62.625	12.106	421.45	26.559	0
"2013-02-16	18:00:00"	12.705	219.04	62.388	14.371	212.61	26.536	0
"2013-02-16	19:00:00"	7.7361	202.22	59.641	13.597	31.097	26.527	0
"2013-02-16	20:00:00"	6.6306	187.02	54.626	14.808	0.13079	26.533	0
"2013-02-16	21:00:00"	7.7802	189.88	52.22	19.008	0.12846	26.53	0
"2013-02-16	22:00:00"	7.1302	186.77	49.733	20.77	0.13418	26.53	0
"2013-02-16	23:00:00"	4.2663	172.32	43.719	25.23	0.13863	26.521	0
"2013-02-17	00:00:00"	5.1841	203.2	43.692	24.901	0.14817	26.503	0
"2013-02-17	01:00:00"	4.4981	228.69	40.845	27.139	0.131	26.488	0
"2013-02-17	02:00:00"	4.3049	220.26	39.821	28.63	0.13355	26.48	0
"2013-02-17	03:00:00"	8.2027	191.01	40.335	26.978	0.1734	26.468	0
"2013-02-17	04:00:00"	7.3521	193	39.166	28.173	0.15496	26.453	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-17	05:00:00"	6.0372	220.08	39.477	27.772	0.17255	26.441	0
"2013-02-17	06:00:00"	5.2686	220.16	38.092	29.123	0.16789	26.435	0
"2013-02-17	07:00:00"	5.053	227.72	35.466	32.201	0.16534	26.435	0
"2013-02-17	08:00:00"	4.6559	232.59	35.024	34.074	15.426	26.432	0
"2013-02-17	09:00:00"	5.3251	213.87	38.909	31.442	148.03	26.441	0
"2013-02-17	10:00:00"	6.5741	219.8	44.245	26.5	354.53	26.444	0
"2013-02-17	11:00:00"	8.427	213.3	51.92	20.664	551.75	26.429	0
"2013-02-17	12:00:00"	11.031	212.83	57.556	15.973	701.92	26.406	0
"2013-02-17	13:00:00"	12.769	208.6	62.531	11.898	790.7	26.364	0
"2013-02-17	14:00:00"	15.547	205.43	66.833	8.282	803.52	26.323	0
"2013-02-17	15:00:00"	17.086	197.69	67.841	7.5411	750.13	26.291	0
"2013-02-17	16:00:00"	17.277	192.01	66.875	7.6603	431.27	26.27	0
"2013-02-17	17:00:00"	17.947	190.92	66.349	7.6136	306.63	26.252	0
"2013-02-17	18:00:00"	14.769	189.86	66.224	7.2703	179.62	26.234	0
"2013-02-17	19:00:00"	7.083	179.29	61.193	9.5633	25.803	26.229	0
"2013-02-17	20:00:00"	5.9322	184.62	56.152	12.55	0.12592	26.24	0
"2013-02-17	21:00:00"	7.9013	173.07	53.234	16.54	0.14945	26.237	0
"2013-02-17	22:00:00"	11.321	178.35	51.872	22.766	0.12019	26.24	0
"2013-02-17	23:00:00"	6.8823	176.1	48.723	26.399	0.10578	26.24	0
"2013-02-18	00:00:00"	12.043	188.67	50.175	26.885	0.12168	26.237	0
"2013-02-18	01:00:00"	11.675	186.07	49.436	34.736	0.12218	26.234	0
"2013-02-18	02:00:00"	10.621	186.49	47.324	45.355	0.1611	26.234	0
"2013-02-18	03:00:00"	6.2249	196.99	44.141	52.056	0.12252	26.237	0
"2013-02-18	04:00:00"	6.2069	215.3	41.895	50.207	0.14139	26.237	0
"2013-02-18	05:00:00"	6.8226	211.36	41.051	48.375	0.15347	26.243	0
"2013-02-18	06:00:00"	5.7241	210.25	42.301	35.98	0.13821	26.261	0
"2013-02-18	07:00:00"	3.2895	296.28	41.004	29.552	0.15326	26.291	0
"2013-02-18	08:00:00"	3.292	254.48	43.431	23.553	15.552	26.323	0
"2013-02-18	09:00:00"	2.5427	264.62	47.405	20.534	146.64	26.361	0
"2013-02-18	10:00:00"	12.583	288.64	55.25	15.439	351.72	26.388	0
"2013-02-18	11:00:00"	16.901	303.11	59.602	13.639	552.63	26.394	0
"2013-02-18	12:00:00"	22.655	312.08	61.823	13.545	697.52	26.42	0
"2013-02-18	13:00:00"	21.442	316.49	62.613	12.545	779.14	26.412	0
"2013-02-18	14:00:00"	19.166	328.14	63.205	11.804	789.53	26.403	0
"2013-02-18	15:00:00"	18.575	333.78	63.263	10.757	732.57	26.403	0
"2013-02-18	16:00:00"	15.329	331.15	63.58	10.084	608.1	26.403	0
"2013-02-18	17:00:00"	13.008	13.83	61.311	13.731	369.71	26.412	0
"2013-02-18	18:00:00"	10.974	30.002	58.529	15.557	168.94	26.42	0
"2013-02-18	19:00:00"	8.0728	46.788	54.668	17.805	28.507	26.444	0
"2013-02-18	20:00:00"	6.0031	58.509	48.79	22.12	0.16916	26.462	0
"2013-02-18	21:00:00"	6.3877	69.246	46.239	24.664	0.15496	26.477	0
"2013-02-18	22:00:00"	7.4434	76.414	44.257	27.071	0.13567	26.488	0
"2013-02-18	23:00:00"	9.1503	81.115	43.812	28.279	0.14627	26.494	0
"2013-02-19	00:00:00"	8.3935	86.201	41.956	30.936	0.16004	26.497	0
"2013-02-19	01:00:00"	7.3614	85.23	40.626	33.442	0.14142	26.503	0
"2013-02-19	02:00:00"	8.1723	98.479	41.272	35.807	0.15644	26.527	0
"2013-02-19	03:00:00"	7.7348	103.57	40.873	39.642	0.15538	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-19	04:00:00"	7.3247	115.8	40.837	42.318	0.14203	26.533	0
"2013-02-19	05:00:00"	4.8858	124.33	40.28	44.228	0.14351	26.539	0
"2013-02-19	06:00:00"	2.0468	56.896	35.393	50.537	0.12613	26.545	0
"2013-02-19	07:00:00"	2.4004	62.03	31.343	55.379	0.12443	26.539	0
"2013-02-19	08:00:00"	5.6072	85.858	34.05	53.75	10.527	26.545	0
"2013-02-19	09:00:00"	8.6557	100.87	36.73	51.001	146.7	26.562	0
"2013-02-19	10:00:00"	16.297	125.54	43.873	40.92	346.92	26.565	0
"2013-02-19	11:00:00"	17.58	127.69	47.416	34.68	463.04	26.545	0
"2013-02-19	12:00:00"	18.112	131.7	51.25	28.488	592.72	26.527	0
"2013-02-19	13:00:00"	18.255	140.01	52.459	27.891	505.68	26.488	0
"2013-02-19	14:00:00"	17.992	146.49	53.737	27.014	443.48	26.45	0
"2013-02-19	15:00:00"	17.223	152	53.64	28.273	254.14	26.429	0
"2013-02-19	16:00:00"	17.416	159.63	54.104	28.89	175.93	26.412	0
"2013-02-19	17:00:00"	15.619	167.78	54.345	29.956	72.578	26.426	0
"2013-02-19	18:00:00"	11.364	162.3	49.892	53.483	34.756	26.426	0
"2013-02-19	19:00:00"	10.776	159.21	46.537	70.914	3.5996	26.447	0.02
"2013-02-19	20:00:00"	10.163	169.7	43.876	85.079	0.05745	26.468	0.04
"2013-02-19	21:00:00"	7.5583	162.64	43.515	89.079	0.07419	26.453	0.05
"2013-02-19	22:00:00"	7.6124	159.18	43.489	87.825	0.07758	26.435	0.05
"2013-02-19	23:00:00"	8.1076	163.03	43.073	89.513	0.06995	26.432	0.15
"2013-02-20	00:00:00"	4.111	133.27	43.224	88.806	0.09475	26.406	0.04
"2013-02-20	01:00:00"	6.111	114.28	43.532	87.166	0.07674	26.397	0.03
"2013-02-20	02:00:00"	9.7381	116.52	43.445	83.744	0.07886	26.35	0.02
"2013-02-20	03:00:00"	8.2959	110.3	42.535	83.363	0.0884	26.302	0
"2013-02-20	04:00:00"	6.1491	100.73	41.772	84.318	0.05851	26.294	0
"2013-02-20	05:00:00"	3.9208	95.545	40.283	86.844	0.06232	26.302	0
"2013-02-20	06:00:00"	7.111	103.19	40.152	85.375	0.12168	26.279	0
"2013-02-20	07:00:00"	8.99	108.8	40.69	84.237	0.12295	26.258	0
"2013-02-20	08:00:00"	9.7611	116.93	42.612	82.641	6.656	26.258	0
"2013-02-20	09:00:00"	11.321	129.69	43.888	84.681	62.066	26.246	0
"2013-02-20	10:00:00"	13.878	140.21	45.631	85.002	136.5	26.234	0
"2013-02-20	11:00:00"	15.564	150.61	48.088	82.06	294.71	26.226	0
"2013-02-20	12:00:00"	14.766	145.33	50.871	77.447	566.73	26.199	0
"2013-02-20	13:00:00"	13.181	137.43	53.039	73.19	640.89	26.167	0
"2013-02-20	14:00:00"	12.906	135.99	56.727	66.92	795.41	26.113	0
"2013-02-20	15:00:00"	13.307	139.59	59.642	59.065	739.55	26.069	0
"2013-02-20	16:00:00"	12.42	128.87	61.591	55.067	608.95	26.048	0
"2013-02-20	17:00:00"	14.945	117.14	61.28	58.065	411.91	26.013	0
"2013-02-20	18:00:00"	15.777	93.361	58.58	68.489	193.24	26.001	0
"2013-02-20	19:00:00"	14.876	75.784	52.042	87.219	13.384	26.019	0
"2013-02-20	20:00:00"	13.821	72.17	49.654	92.248	0.08225	26.043	0
"2013-02-20	21:00:00"	15.323	87.788	47.762	93.082	0.08161	26.028	0
"2013-02-20	22:00:00"	13.262	73.326	46.289	93.347	0.10175	26.031	0
"2013-02-20	23:00:00"	7.9852	62.614	45.464	93.45	0.08479	26.054	0.31
"2013-02-21	00:00:00"	9.6381	36.032	43.905	93.399	0.08182	26.066	0
"2013-02-21	01:00:00"	6.3001	25.757	41.785	92.792	0.07144	26.093	0
"2013-02-21	02:00:00"	7.8094	286.86	41.124	90.868	0.08394	26.143	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-21	03:00:00"	15.005	271.38	43.309	59.664	0.11299	26.122	0
"2013-02-21	04:00:00"	12.132	238.02	41.149	55.016	0.16428	26.096	0
"2013-02-21	05:00:00"	14.305	248.81	39.956	55.387	0.13079	26.11	0
"2013-02-21	06:00:00"	12.302	243.86	37.747	61.216	0.18273	26.131	0
"2013-02-21	07:00:00"	11.711	239.14	36.337	64.037	0.17022	26.137	0
"2013-02-21	08:00:00"	11.321	228.64	35.175	68.54	20.4	26.149	0
"2013-02-21	09:00:00"	10.931	236.01	36.777	61.661	161.32	26.178	0
"2013-02-21	10:00:00"	14.32	250.22	40.587	50.233	369.61	26.19	0
"2013-02-21	11:00:00"	13.435	255.43	44.294	45.376	569.97	26.202	0
"2013-02-21	12:00:00"	16.607	277.6	47.874	40.798	723.17	26.217	0
"2013-02-21	13:00:00"	17.505	281.01	51.025	36.369	811.83	26.22	0
"2013-02-21	14:00:00"	15.767	281.12	53.492	32.6	825.58	26.214	0
"2013-02-21	15:00:00"	15.443	282.72	55.706	27.952	765.8	26.202	0
"2013-02-21	16:00:00"	14.406	278.13	57.77	24.084	638.06	26.196	0
"2013-02-21	17:00:00"	14.335	276.16	58.121	22.561	454.75	26.193	0
"2013-02-21	18:00:00"	13.323	273.87	56.972	21.991	237.9	26.211	0
"2013-02-21	19:00:00"	8.7079	265.17	53.721	26.49	40.196	26.24	0
"2013-02-21	20:00:00"	6.2864	246.91	49.083	33.997	0.131	26.27	0
"2013-02-21	21:00:00"	2.4557	219.37	45.534	41.71	0.12634	26.308	0
"2013-02-21	22:00:00"	2.9124	240.67	42.486	49.131	0.16195	26.314	0
"2013-02-21	23:00:00"	1.5118	333.39	36.332	63.277	0.1823	26.302	0
"2013-02-22	00:00:00"	3.5306	340.25	36.46	60.08	0.15114	26.317	0
"2013-02-22	01:00:00"	2.5988	266.29	37.334	56.259	0.15389	26.32	0
"2013-02-22	02:00:00"	1.0818	283.73	36.493	58.35	0.15114	26.326	0
"2013-02-22	03:00:00"	3.8811	36.141	33.585	67.251	0.17446	26.323	0
"2013-02-22	04:00:00"	7.3775	39.932	31.746	82.29	0.17276	26.332	0
"2013-02-22	05:00:00"	9.3696	73.122	31.964	91.487	0.09306	26.358	0
"2013-02-22	06:00:00"	9.6076	82.789	32.031	93.226	0.08161	26.379	0
"2013-02-22	07:00:00"	9.8114	92.035	30.9	93.619	0.08628	26.391	0
"2013-02-22	08:00:00"	9.8257	95.01	29.888	93.053	5.2274	26.412	0
"2013-02-22	09:00:00"	10.052	99.077	28.635	89.874	89.1	26.435	0
"2013-02-22	10:00:00"	9.1087	97.074	29.33	84.365	285.61	26.438	0
"2013-02-22	11:00:00"	9.3933	108.5	33.978	69.125	569.07	26.429	0
"2013-02-22	12:00:00"	7.7379	123.3	38.605	56.182	720.62	26.429	0
"2013-02-22	13:00:00"	5.0424	139.27	42.507	48.346	800.44	26.412	0
"2013-02-22	14:00:00"	3.2976	107.51	45.952	40.973	819.88	26.382	0
"2013-02-22	15:00:00"	3.5766	176.68	49.79	35.668	769.3	26.358	0
"2013-02-22	16:00:00"	4.17	191.5	52.126	32.811	630.97	26.347	0
"2013-02-22	17:00:00"	6.2827	171.06	54.543	29.846	455	26.323	0
"2013-02-22	18:00:00"	12.229	219.06	56.458	21.847	238.25	26.335	0
"2013-02-22	19:00:00"	9.3541	223.89	54.16	22.695	41.015	26.358	0
"2013-02-22	20:00:00"	6.8568	214.33	50.633	27.524	0.11404	26.367	0
"2013-02-22	21:00:00"	6.4821	204.76	48.095	32.369	0.15856	26.373	0
"2013-02-22	22:00:00"	2.1674	96.543	41.693	49.684	0.16174	26.385	0
"2013-02-22	23:00:00"	6.9152	107.37	40.572	56.305	0.16132	26.391	0
"2013-02-23	00:00:00"	8.4388	114.33	38.988	58.17	0.1611	26.382	0
"2013-02-23	01:00:00"	8.3065	128.11	38.334	57.633	0.17785	26.382	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-23"	02:00:00"	6.3566	143.03	36.656	61.154	0.14605	26.385	0
"2013-02-23"	03:00:00"	6.3896	245.57	36.904	59.6	0.17298	26.403	0
"2013-02-23"	04:00:00"	4.3583	272.98	36.31	60.336	0.1751	26.391	0
"2013-02-23"	05:00:00"	6.681	298.87	36.065	58.874	0.13821	26.4	0
"2013-02-23"	06:00:00"	6.5325	306.41	35.153	58.12	0.17806	26.412	0
"2013-02-23"	07:00:00"	4.2061	297.55	31.897	63.933	0.16428	26.418	0
"2013-02-23"	08:00:00"	4.1079	270.71	32.38	60.085	23.397	26.418	0
"2013-02-23"	09:00:00"	6.2448	291.17	35.93	51.472	172.19	26.429	0
"2013-02-23"	10:00:00"	9.6182	281.17	43.748	31.944	392.15	26.432	0
"2013-02-23"	11:00:00"	12.87	281.41	48.041	21.511	596.95	26.426	0
"2013-02-23"	12:00:00"	11.428	272.83	51.149	18.14	750.76	26.409	0
"2013-02-23"	13:00:00"	10.58	254.02	53.982	15.477	837.58	26.382	0
"2013-02-23"	14:00:00"	10.31	241.75	56.361	12.712	851.31	26.338	0
"2013-02-23"	15:00:00"	11.774	210.19	57.599	14.249	787.07	26.302	0
"2013-02-23"	16:00:00"	12.414	198.15	59.013	12.585	655.72	26.264	0
"2013-02-23"	17:00:00"	13.671	201.91	60.451	12.315	466.91	26.246	0
"2013-02-23"	18:00:00"	13.452	210.65	61.776	14.077	245.94	26.232	0
"2013-02-23"	19:00:00"	11.095	216.68	59.976	15.728	44.809	26.234	0
"2013-02-23"	20:00:00"	9.8723	220.05	56.217	19.674	0.12973	26.24	0
"2013-02-23"	21:00:00"	11.02	205.8	54.766	20.332	0.12698	26.232	0
"2013-02-23"	22:00:00"	6.9693	212.1	51.736	23.204	0.15623	26.237	0
"2013-02-23"	23:00:00"	2.4128	238.24	48.446	26.82	0.1823	26.237	0
"2013-02-24"	00:00:00"	3.4685	208.46	48.235	27.335	0.14648	26.223	0
"2013-02-24"	01:00:00"	4.1085	191.37	45.322	32.553	0.14351	26.208	0
"2013-02-24"	02:00:00"	6.0994	203.14	44.595	34.439	0.17128	26.196	0
"2013-02-24"	03:00:00"	6.9115	188.25	43.525	37.137	0.10641	26.178	0
"2013-02-24"	04:00:00"	5.3972	181.54	41.158	41.437	0.16492	26.164	0
"2013-02-24"	05:00:00"	5.9254	187.84	41.483	42.887	0.13588	26.149	0
"2013-02-24"	06:00:00"	8.2158	179.7	42.001	50.026	0.17721	26.155	0
"2013-02-24"	07:00:00"	5.4401	209.02	40.948	51.193	0.13355	26.164	0
"2013-02-24"	08:00:00"	2.5812	250.62	38.677	54.188	24.278	26.169	0
"2013-02-24"	09:00:00"	4.4316	214.98	42.129	49.63	172.54	26.181	0
"2013-02-24"	10:00:00"	6.0428	204	47.068	41.405	390.2	26.175	0
"2013-02-24"	11:00:00"	7.7914	203.52	53.451	31.469	593.84	26.161	0
"2013-02-24"	12:00:00"	9.6238	216.99	60.388	21.294	745.53	26.149	0
"2013-02-24"	13:00:00"	12.467	213.58	64.815	15.111	830.84	26.11	0
"2013-02-24"	14:00:00"	19.052	224.96	66.57	12.685	841.6	26.072	0
"2013-02-24"	15:00:00"	18.813	220.97	67.061	12.039	778.67	26.048	0
"2013-02-24"	16:00:00"	15.056	225.69	67.982	11.028	644.7	26.019	0
"2013-02-24"	17:00:00"	14.835	229.11	68.904	9.5608	449.83	26.001	0
"2013-02-24"	18:00:00"	10.17	257.1	67.659	10.061	200.53	25.995	0
"2013-02-24"	19:00:00"	11.577	280.79	63.664	13.532	27.571	26.04	0
"2013-02-24"	20:00:00"	21.316	315.76	54.69	27.874	0.10366	26.078	0
"2013-02-24"	21:00:00"	21.227	314.74	49.988	36.046	0.13545	26.105	0
"2013-02-24"	22:00:00"	17.54	317.84	47.486	37.242	0.12549	26.143	0
"2013-02-24"	23:00:00"	12.398	320.68	46.056	40.88	0.13418	26.155	0
"2013-02-25"	00:00:00"	8.3829	28.778	43.243	53.654	0.18273	26.146	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-25	01:00:00"	4.2036	59.694	40.45	63.639	0.12973	26.146	0
"2013-02-25	02:00:00"	5.9969	334.9	38.563	68.512	0.14033	26.155	0
"2013-02-25	03:00:00"	8.3413	308.54	36.735	68.046	0.1327	26.155	0
"2013-02-25	04:00:00"	6.7891	317.58	34.036	69.899	0.13991	26.149	0
"2013-02-25	05:00:00"	12.247	342.37	34.281	73.423	0.15771	26.152	0
"2013-02-25	06:00:00"	21.682	351.17	32.253	77.306	0.17086	26.196	0
"2013-02-25	07:00:00"	20.28	336.23	31.998	75.61	0.16195	26.24	0
"2013-02-25	08:00:00"	20.943	325.9	31.613	78.076	6.9438	26.27	0
"2013-02-25	09:00:00"	22.753	321.45	32.305	75.613	94.153	26.302	0
"2013-02-25	10:00:00"	27.079	322.01	33.992	72.704	243.44	26.317	0
"2013-02-25	11:00:00"	31.151	318.15	34.635	68.227	270.52	26.356	0
"2013-02-25	12:00:00"	28.642	324.01	34.691	68.391	326.33	26.361	0
"2013-02-25	13:00:00"	29.235	326.94	40.827	47.234	774.98	26.347	0
"2013-02-25	14:00:00"	30.396	337.15	42.65	39.434	823.35	26.323	0
"2013-02-25	15:00:00"	27.758	336.5	43.718	36.089	751.46	26.341	0
"2013-02-25	16:00:00"	24.372	333.63	45.29	33.609	650.22	26.338	0
"2013-02-25	17:00:00"	24.096	330.72	46.165	30.996	465.73	26.341	0
"2013-02-25	18:00:00"	21.373	330.65	46.18	26.489	251.53	26.35	0
"2013-02-25	19:00:00"	13.272	345.4	44.274	29.265	48.127	26.35	0
"2013-02-25	20:00:00"	6.7916	2.3346	39.396	41.331	0.16683	26.358	0
"2013-02-25	21:00:00"	4.8914	13.475	34.161	51.632	0.15114	26.361	0
"2013-02-25	22:00:00"	3.704	356.61	32.569	57.077	0.16577	26.37	0
"2013-02-25	23:00:00"	3.5704	303.57	32.747	57.289	0.16407	26.37	0
"2013-02-26	00:00:00"	3.6804	318.2	29.372	65.177	0.15199	26.358	0
"2013-02-26	01:00:00"	3.4979	275.38	31.333	61.757	0.1782	26.347	0
"2013-02-26	02:00:00"	2.0779	298.17	29.091	66.806	0.20456	26.323	0
"2013-02-26	03:00:00"	2.0045	330.12	27.266	70.525	0.19184	26.314	0
"2013-02-26	04:00:00"	1.1228	339.53	26.966	71.309	0.16895	26.302	0
"2013-02-26	05:00:00"	1.3204	338.93	27.627	69.252	0.14796	26.294	0
"2013-02-26	06:00:00"	1.024	337.11	26.779	71.673	0.16174	26.291	0
"2013-02-26	07:00:00"	2.245	256.59	30.318	61.39	0.21897	26.294	0
"2013-02-26	08:00:00"	1.1669	352.53	26.611	72.452	27.889	26.311	0
"2013-02-26	09:00:00"	2.6992	151.74	32.708	62.723	183.49	26.32	0
"2013-02-26	10:00:00"	8.6246	173.5	38.929	47.014	406.41	26.317	0
"2013-02-26	11:00:00"	7.9467	204.2	45.199	33.051	611.54	26.308	0
"2013-02-26	12:00:00"	7.4042	233.49	50.962	26.496	765.61	26.291	0
"2013-02-26	13:00:00"	8.7104	248.04	57.878	17.167	854.12	26.267	0
"2013-02-26	14:00:00"	9.3529	241.59	61.433	13.571	869.01	26.234	0
"2013-02-27	12:00:00"	12.482	351.94	45.399	37.676	603.71	26.657	0
"2013-02-27	13:00:00"	15.043	4.4939	45.937	34.967	845.93	26.648	0
"2013-02-27	14:00:00"	13.609	7.1181	47.139	30.112	862.73	26.624	0
"2013-02-27	15:00:00"	12.401	6.2994	48.319	26.508	804.83	26.609	0
"2013-02-27	16:00:00"	12.426	10.045	48.811	24.443	637.98	26.609	0
"2013-02-27	17:00:00"	11.092	22.62	48.413	21.503	380.92	26.612	0
"2013-02-27	18:00:00"	10.554	18.716	47.575	26.623	231.31	26.615	0
"2013-02-27	19:00:00"	8.6066	39.611	45.047	32.809	46.373	26.63	0
"2013-02-27	20:00:00"	4.6193	50.456	40.146	42.77	0.18527	26.645	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-02-27	21:00:00"	4.8647	49.295	36.857	49.976	0.12888	26.645	0
"2013-02-27	22:00:00"	4.9828	44.573	35.119	55.028	0.1717	26.66	0
"2013-02-27	23:00:00"	4.3931	53.608	32.201	62.186	0.15432	26.666	0
"2013-02-28	00:00:00"	4.9747	72.288	32.873	62.353	0.19396	26.666	0
"2013-02-28	01:00:00"	4.7467	55.554	30.665	67.914	0.17276	26.66	0
"2013-02-28	02:00:00"	3.041	71.389	31.086	69.194	0.18442	26.66	0
"2013-02-28	03:00:00"	1.2856	61.599	28.548	73.74	0.17107	26.651	0
"2013-02-28	04:00:00"	1.6131	62.015	29.543	72.755	0.13842	26.639	0
"2013-02-28	05:00:00"	1.1707	15.236	27.389	77.531	0.17552	26.627	0
"2013-02-28	06:00:00"	2.524	17.45	27.264	78.19	0.18781	26.654	0
"2013-02-28	07:00:00"	2.7154	273.42	26.305	78.318	0.19333	26.663	0
"2013-02-28	08:00:00"	1.2067	316.79	25.712	79.658	29.564	26.674	0
"2013-02-28	09:00:00"	3.7873	302.58	32.695	68.693	183.38	26.701	0
"2013-02-28	10:00:00"	4.6273	265.54	40.052	51.312	404.82	26.707	0
"2013-02-28	11:00:00"	4.6385	202.77	43.644	39.325	610.35	26.71	0
"2013-02-28	12:00:00"	4.0489	195.85	45.975	31.643	764.5	26.695	0
"2013-02-28	13:00:00"	5.3251	224.65	48.676	28.649	851.79	26.666	0
"2013-02-28	14:00:00"	6.6717	240.69	51.165	26.182	864.43	26.639	0
"2013-02-28	15:00:00"	7.3726	260.52	53.252	22.682	803.56	26.621	0
"2013-02-28	16:00:00"	8.1561	273.69	54.866	19.894	658.87	26.612	0
"2013-02-28	17:00:00"	11.075	298.42	55.343	16.801	483.51	26.607	0
"2013-02-28	18:00:00"	10.179	288.44	55.025	16.501	260.12	26.601	0
"2013-02-28	19:00:00"	7.0097	297.76	52.78	15.886	53.74	26.612	0
"2013-02-28	20:00:00"	1.7995	321.72	45.326	20.682	0.20392	26.609	0
"2013-02-28	21:00:00"	2.8956	324.92	39.968	26.914	0.17594	26.618	0
"2013-02-28	22:00:00"	2.8384	339.32	38.081	30.776	0.17128	26.627	0
"2013-02-28	23:00:00"	4.6155	336.51	39.687	28.953	0.16852	26.627	0
"2013-03-01	00:00:00"	4.1464	337.08	36.478	34.562	0.18485	26.615	0
"2013-03-01	01:00:00"	1.8466	343.51	34.373	43.194	0.19554	26.607	0
"2013-03-01	02:00:00"	1.6081	270.47	33.973	51.879	0.17276	26.612	0
"2013-03-01	03:00:00"	2.0847	310.33	31.575	55.54	0.19248	26.595	0
"2013-03-01	04:00:00"	2.8757	327.68	27.938	61.758	0.20414	26.577	0
"2013-03-01	05:00:00"	2.232	329.98	27.781	59.808	0.18061	26.589	0
"2013-03-01	06:00:00"	2.4588	336.68	29.176	62.302	0.18972	26.589	0
"2013-03-01	07:00:00"	4.2794	353.5	29.085	66.341	0.1558	26.598	0
"2013-03-01	08:00:00"	9.1677	343.09	31.489	59.13	31.58	26.618	0
"2013-03-01	09:00:00"	15.719	346.01	36.505	42.043	191.29	26.648	0
"2013-03-01	10:00:00"	15.616	354.89	41.185	39.124	415.44	26.683	0
"2013-03-01	11:00:00"	12.847	6.1822	46.578	32.823	621.46	26.689	0
"2013-03-01	12:00:00"	14.153	6.6758	51.556	24.533	777.09	26.698	0
"2013-03-01	13:00:00"	15.612	10.991	55.368	17.948	865.19	26.683	0
"2013-03-01	14:00:00"	14.49	357.45	57.226	16.246	876.33	26.666	0
"2013-03-01	15:00:00"	15.732	352.73	58.919	13.684	813.21	26.66	0
"2013-03-01	16:00:00"	16.325	345.66	59.736	12.518	683.2	26.657	0
"2013-03-01	17:00:00"	14.039	351.86	59.879	11.366	493.08	26.657	0
"2013-03-01	18:00:00"	11.285	352.92	59.118	12.014	267.73	26.66	0
"2013-03-01	19:00:00"	6.9681	8.5124	55.558	15.003	56.21	26.672	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-01	20:00:00"	4.9592	28.758	48.323	19.584	0.17764	26.66	0
"2013-03-01	21:00:00"	3.5766	31.42	42.084	26.513	0.18739	26.669	0
"2013-03-01	22:00:00"	3.6388	47.656	40.822	29.972	0.15538	26.686	0
"2013-03-01	23:00:00"	3.4909	44.184	38.922	32.874	0.19439	26.692	0
"2013-03-02	00:00:00"	4.8976	30.972	37.199	36.17	0.1876	26.707	0
"2013-03-02	01:00:00"	3.7568	37.649	35.877	39.413	0.20922	26.713	0
"2013-03-02	02:00:00"	1.8306	50.79	34.384	42.705	0.18379	26.731	0
"2013-03-02	03:00:00"	1.0389	330.07	34.058	44.682	0.15644	26.728	0
"2013-03-02	04:00:00"	3.5934	344.93	32.512	48.992	0.16513	26.736	0
"2013-03-02	05:00:00"	5.2307	32.78	30.964	56.266	0.2141	26.736	0
"2013-03-02	06:00:00"	3.3492	36.912	29.481	60.306	0.16725	26.745	0
"2013-03-02	07:00:00"	2.0306	41.105	28.619	62.899	0.17319	26.76	0
"2013-03-02	08:00:00"	1.5335	350.13	28.532	64.62	32.651	26.781	0
"2013-03-02	09:00:00"	2.488	205.39	36.731	50.72	194	26.798	0
"2013-03-02	10:00:00"	4.7013	214.21	42.808	38.847	416.69	26.804	0
"2013-03-02	11:00:00"	5.3674	228.24	49.252	29.972	620.79	26.796	0
"2013-03-02	12:00:00"	5.4525	221.38	54.501	24.572	774.89	26.787	0
"2013-03-02	13:00:00"	5.2133	206.31	58.114	19.729	862.42	26.763	0
"2013-03-02	14:00:00"	6.7512	226.43	59.908	17.946	867.52	26.719	0
"2013-03-02	15:00:00"	6.0012	214.71	61.659	16.651	811.49	26.698	0
"2013-03-02	16:00:00"	6.9594	215.65	62.748	15.924	675.32	26.674	0
"2013-03-02	17:00:00"	7.0383	211.5	63.225	15.763	468.18	26.663	0
"2013-03-02	18:00:00"	6.6381	218.88	63.25	15.873	270.42	26.648	0
"2013-03-02	19:00:00"	6.9519	196.19	60.771	17.388	58.016	26.642	0
"2013-03-02	20:00:00"	2.3003	182.08	54.707	22.738	0.17976	26.633	0
"2013-03-02	21:00:00"	1.5205	184.01	51.955	25.005	0.09751	26.627	0
"2013-03-02	22:00:00"	2.7483	171.91	50.12	26.59	0.13185	26.627	0
"2013-03-02	23:00:00"	3.2958	179.74	47.869	28.172	0.16238	26.621	0
"2013-03-03	00:00:00"	2.4022	176.1	45.864	30.398	0.12528	26.601	0
"2013-03-03	01:00:00"	3.5176	181.09	44.895	31.308	0.1469	26.58	0
"2013-03-03	02:00:00"	4.0948	181.34	44.395	31.563	0.16301	26.562	0
"2013-03-03	03:00:00"	3.6077	179.37	43.039	32.933	0.17764	26.547	0
"2013-03-03	04:00:00"	5.2686	193.59	42.997	31.898	0.17891	26.527	0
"2013-03-03	05:00:00"	6.8158	212.74	43.861	29.522	0.19629	26.503	0
"2013-03-03	06:00:00"	6.7506	204.2	42.894	30.438	0.13249	26.494	0
"2013-03-03	07:00:00"	5.8657	214.21	41.687	31.685	0.16407	26.494	0
"2013-03-03	08:00:00"	6.1596	222.42	40.987	32.606	33.337	26.485	0
"2013-03-03	09:00:00"	7.5509	205.32	40.743	34.52	119.83	26.485	0
"2013-03-03	10:00:00"	8.0008	217.2	47.413	29.282	425.65	26.488	0
"2013-03-03	11:00:00"	9.3572	220.92	57.024	20.951	649.14	26.465	0
"2013-03-03	12:00:00"	10.276	216.98	64.745	16.257	795.01	26.435	0
"2013-03-03	13:00:00"	13.533	208.36	71.095	12.983	888.82	26.391	0
"2013-03-03	14:00:00"	15.891	221.25	75.799	10.143	813.01	26.347	0
"2013-03-03	15:00:00"	16.773	233.77	79.926	7.6547	882.28	26.308	0
"2013-03-03	16:00:00"	16.606	248.55	80.311	6.2503	519.86	26.288	0
"2013-03-03	17:00:00"	16.187	240.07	78.708	6.5306	350.78	26.273	0
"2013-03-03	18:00:00"	16.72	237.9	77.533	6.6495	255.51	26.276	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-03	19:00:00"	9.4013	234.8	74.108	6.7108	62.096	26.27	0
"2013-03-03	20:00:00"	7.6398	220.28	69.228	8.3011	0.13249	26.264	0
"2013-03-03	21:00:00"	5.926	221.03	65.966	9.5528	0.10387	26.267	0
"2013-03-03	22:00:00"	6.6984	220.07	63.691	10.282	0.08734	26.258	0
"2013-03-03	23:00:00"	6.6114	242.18	62.88	10.273	0.1026	26.261	0
"2013-03-04	00:00:00"	10.101	248.23	65.089	9.4103	0.14054	26.249	0
"2013-03-04	01:00:00"	12.851	261.39	67.095	9.3539	0.12316	26.252	0
"2013-03-04	02:00:00"	9.4716	279.54	64.81	11.335	0.12295	26.261	0
"2013-03-04	03:00:00"	7.7901	287.17	61.814	14.249	0.10981	26.255	0
"2013-03-04	04:00:00"	4.8653	264.95	59.628	16.671	0.08797	26.24	0
"2013-03-04	05:00:00"	6.6723	229.1	64.399	14.847	0.14054	26.237	0
"2013-03-04	06:00:00"	2.3034	314.14	59.338	18.054	0.10853	26.252	0
"2013-03-04	07:00:00"	3.5045	290.75	57.485	20.034	0.11744	26.261	0
"2013-03-04	08:00:00"	2.3687	306.32	55.3	23.249	14.853	26.273	0
"2013-03-04	09:00:00"	4.3453	228.94	58.307	21.477	157.86	26.294	0
"2013-03-04	10:00:00"	13.957	262.51	69.488	15.541	407.99	26.294	0
"2013-03-04	11:00:00"	19.264	266.36	73.528	11.007	542.61	26.285	0
"2013-03-04	12:00:00"	19.287	263.59	75.464	8.7708	784.45	26.267	0
"2013-03-04	13:00:00"	17.225	255.41	77.47	7.8144	870.83	26.234	0
"2013-03-04	14:00:00"	18.5	248	78.362	9.3539	892.28	26.208	0
"2013-03-04	15:00:00"	18.69	258.27	78.649	11.611	807.13	26.19	0
"2013-03-04	16:00:00"	18.499	266.2	78.388	11.858	546.13	26.196	0
"2013-03-04	17:00:00"	20.455	279.7	77.458	11.129	406.75	26.193	0
"2013-03-04	18:00:00"	17.584	271.46	77.151	9.3747	238	26.193	0
"2013-03-04	19:00:00"	10.167	263.68	74.904	10.58	38.987	26.202	0
"2013-03-04	20:00:00"	12.959	269.39	73.294	11.696	0.16216	26.232	0
"2013-03-04	21:00:00"	17.88	291.9	71.604	10.825	0.11235	26.288	0
"2013-03-04	22:00:00"	11.259	342.94	66.298	16.637	0.13418	26.338	0
"2013-03-04	23:00:00"	7.6155	325.25	63.222	18.299	0.12125	26.382	0
"2013-03-05	00:00:00"	13.817	337.42	58.258	22.842	0.1486	26.426	0
"2013-03-05	01:00:00"	29.162	19.213	50.92	48.891	0.10981	26.521	0
"2013-03-05	02:00:00"	25.564	27.864	42.693	55.054	0.14203	26.577	0
"2013-03-05	03:00:00"	23.847	32.535	40.083	58.671	0.15157	26.607	0
"2013-03-05	04:00:00"	18.365	39.838	37.925	59.611	0.1522	26.639	0
"2013-03-05	05:00:00"	15.613	31.018	36.554	61.178	0.18167	26.692	0
"2013-03-05	06:00:00"	12.283	17.027	35.192	63.252	0.14542	26.722	0
"2013-03-05	07:00:00"	10.974	10.671	33.855	64.569	0.18654	26.766	0
"2013-03-05	08:00:00"	4.2583	310.42	32.562	69.466	38.472	26.79	0
"2013-03-05	09:00:00"	8.0629	343.92	35.771	62.188	208.27	26.804	0
"2013-03-05	10:00:00"	9.3143	19.704	38.694	46.709	434.6	26.81	0
"2013-03-05	11:00:00"	9.1988	35.156	41.116	37.918	639.66	26.804	0
"2013-03-05	12:00:00"	8.4742	46.179	43.691	32.613	797.52	26.801	0
"2013-03-05	13:00:00"	6.5294	48.311	46.318	28.662	883.69	26.784	0
"2013-03-05	14:00:00"	5.4656	79.846	48.882	25.746	898.23	26.748	0
"2013-03-05	15:00:00"	4.9213	89.765	50.66	24.514	797.73	26.728	0
"2013-03-05	16:00:00"	5.5296	156.26	52.481	23.591	697.78	26.716	0
"2013-03-05	17:00:00"	5.5072	132.04	53.48	23.014	479.31	26.704	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-05	18:00:00"	6.1025	152.54	53.361	23.209	266.86	26.698	0
"2013-03-05	19:00:00"	6.0459	125.55	52.224	24.363	55.846	26.689	0
"2013-03-05	20:00:00"	6.2758	118.28	49.326	26.887	0.18082	26.695	0
"2013-03-05	21:00:00"	7.2396	124.31	47.27	29.019	0.16958	26.713	0
"2013-03-05	22:00:00"	7.0594	137.79	45.344	31.587	0.14224	26.728	0
"2013-03-05	23:00:00"	6.8332	125.58	44.832	32.727	0.14054	26.719	0
"2013-03-06	00:00:00"	5.2388	97.301	39.255	39.743	0.18569	26.707	0
"2013-03-06	01:00:00"	8.276	112.08	41.385	37.251	0.17192	26.707	0
"2013-03-06	02:00:00"	8.547	121.53	40.951	35.61	0.12422	26.695	0
"2013-03-06	03:00:00"	8.3885	128.82	39.278	34.634	0.15072	26.677	0
"2013-03-06	04:00:00"	8.4115	130.48	37.622	34.412	0.16556	26.663	0
"2013-03-06	05:00:00"	7.357	132.76	37.045	33.311	0.16958	26.66	0
"2013-03-06	06:00:00"	7.5124	140.61	37.671	30.778	0.11934	26.669	0
"2013-03-06	07:00:00"	7.6323	142.7	38.613	28.701	0.18591	26.669	0
"2013-03-06	08:00:00"	8.4326	145.88	39.944	27.24	25.196	26.672	0
"2013-03-06	09:00:00"	11.113	144.66	42.721	25.109	184.55	26.689	0
"2013-03-06	10:00:00"	14.917	149.81	46.221	22.764	361.12	26.689	0
"2013-03-06	11:00:00"	17.873	161.27	49.545	20.62	478.9	26.666	0
"2013-03-06	12:00:00"	17.875	159.06	51.593	19.578	581.52	26.627	0
"2013-03-06	13:00:00"	17.243	158.59	54.77	17.982	868.48	26.589	0
"2013-03-06	14:00:00"	16.575	162.38	58.12	16.946	799.93	26.556	0
"2013-03-06	15:00:00"	15.018	164.18	59.823	16.231	782.09	26.53	0
"2013-03-06	16:00:00"	15.357	165.96	60.804	15.676	531.38	26.515	0
"2013-03-06	17:00:00"	13.839	165.64	61.349	15.483	447.91	26.5	0
"2013-03-06	18:00:00"	12.786	160.13	61.88	15.669	212.9	26.491	0
"2013-03-06	19:00:00"	10.607	156.03	60.422	17.153	37.664	26.491	0
"2013-03-06	20:00:00"	9.1665	147.09	57.1	19.048	0.2442	26.491	0
"2013-03-06	21:00:00"	8.327	146.96	54.151	20.786	0.12274	26.494	0
"2013-03-06	22:00:00"	7.124	148.65	50.754	23.384	0.1416	26.494	0
"2013-03-06	23:00:00"	6.9457	160.44	48.016	26.12	0.15135	26.494	0
"2013-03-07	00:00:00"	6.4983	182.01	45.624	28.545	0.16259	26.48	0
"2013-03-07	01:00:00"	10.025	192.44	44.334	28.899	0.13275	26.477	0
"2013-03-07	02:00:00"	7.9796	193.31	43.682	29.001	0.14436	26.459	0
"2013-03-07	03:00:00"	10.065	195.47	42.839	29.831	0.16026	26.447	0
"2013-03-07	04:00:00"	8.6986	197.02	42.157	30.664	0.16789	26.429	0
"2013-03-07	05:00:00"	7.2955	198.19	41.807	31.621	0.14521	26.423	0
"2013-03-07	06:00:00"	5.6333	223.54	41.128	32.087	0.17785	26.426	0
"2013-03-07	07:00:00"	4.92	216.13	41.142	31.562	0.20774	26.438	0
"2013-03-07	08:00:00"	5.6532	208.38	41.208	31.546	41.945	26.456	0
"2013-03-07	09:00:00"	6.8985	184.28	43.453	30.425	153.36	26.471	0
"2013-03-07	10:00:00"	6.7033	186.94	48.533	26.742	286.77	26.477	0
"2013-03-07	11:00:00"	6.2205	176.8	55.234	22.424	638.29	26.468	0
"2013-03-07	12:00:00"	8.1275	173.87	62.772	18.282	798.45	26.459	0
"2013-03-07	13:00:00"	10.291	173.45	68.62	15.491	860.48	26.441	0
"2013-03-07	14:00:00"	9.5679	178.99	71.947	13.848	886.37	26.412	0
"2013-03-07	15:00:00"	10.555	184.44	73.914	13.109	807.17	26.388	0
"2013-03-07	16:00:00"	10.301	182.68	74.342	13.393	537.41	26.379	0

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"2013-03-07	17:00:00"	12.943	170.67	73.936	13.358	317.62	26.373	0
"2013-03-07	18:00:00"	14.694	159.95	71.664	14.278	166.42	26.373	0
"2013-03-07	19:00:00"	13.12	157.58	67.891	16.396	33.399	26.382	0
"2013-03-07	20:00:00"	8.8235	146.08	63.997	20.052	0.17785	26.4	0
"2013-03-07	21:00:00"	7.9312	145.87	60.741	25.585	0.10175	26.412	0
"2013-03-07	22:00:00"	12.111	167.71	57.864	32.175	0.1327	26.423	0
"2013-03-07	23:00:00"	9.658	164.93	55.187	42.766	0.13037	26.432	0
"2013-03-08	00:00:00"	11.155	165.07	54.019	57.168	0.12083	26.409	0
"2013-03-08	01:00:00"	12.462	176.57	54.726	64.049	0.1317	26.423	0
"2013-03-08	02:00:00"	9.858	205	55.5	63.638	0.1291	26.42	0
"2013-03-08	03:00:00"	5.9403	206.79	54.002	66.596	0.12528	26.42	0
"2013-03-08	04:00:00"	4.7672	210.34	52.675	69.349	0.11404	26.394	0
"2013-03-08	05:00:00"	5.4755	200.31	52.301	70.55	0.09454	26.397	0
"2013-03-08	06:00:00"	4.0321	185.39	53.999	64.044	0.12104	26.409	0
"2013-03-08	07:00:00"	3.6524	178.49	56.021	57.846	0.1274	26.403	0
"2013-03-08	08:00:00"	4.0594	161.87	55.683	58.155	17.737	26.409	0
"2013-03-08	09:00:00"	6.7816	184.88	56.221	58.88	87.767	26.426	0
"2013-03-08	10:00:00"	9.4194	189.71	58.591	58.033	323.09	26.42	0
"2013-03-08	11:00:00"	14.397	190.65	64.409	47.55	632.74	26.412	0
"2013-03-08	12:00:00"	13.317	210.2	68.598	35.779	782.09	26.397	0
"2013-03-08	13:00:00"	12.263	200.21	71.296	29.529	866.39	26.358	0
"2013-03-08	14:00:00"	16.74	186.22	73.571	25.664	880.64	26.32	0
"2013-03-08	15:00:00"	16.798	185.97	74.719	24.44	830.72	26.294	0
"2013-03-08	16:00:00"	15.788	193.14	75.18	23.928	574.43	26.279	0
"2013-03-08	17:00:00"	15.056	188.48	75.12	24.424	359.92	26.261	0
"2013-03-08	18:00:00"	16.361	166.62	74.216	28.419	178.67	26.246	0
"2013-03-08	19:00:00"	13.296	158.78	72.34	32.038	20.961	26.249	0
"2013-03-08	20:00:00"	17.054	149.87	69.874	39.641	0.16937	26.252	0
"2013-03-08	21:00:00"	20.021	162.08	66.67	52.416	0.11108	26.264	0
"2013-03-08	22:00:00"	18.473	168.17	63.448	62.385	0.1062	26.276	0
"2013-03-08	23:00:00"	15.98	170.64	60.245	73.284	0.08288	26.264	0
"2013-03-09	00:00:00"	11.999	185.1	58.546	78.481	0.10451	26.261	0
"2013-03-09	01:00:00"	13.94	189.08	59.289	77.944	0.11077	26.243	0
"2013-03-09	02:00:00"	10.885	185.57	57.877	81.053	0.11277	26.232	0
"2013-03-09	03:00:00"	9.346	189.73	56.24	84.738	0.13058	26.22	0
"2013-03-09	04:00:00"	9.6344	190.78	55.068	87.429	0.10196	26.208	0
"2013-03-09	05:00:00"	8.6812	198.64	54.012	89.393	0.092	26.205	0
"2013-03-09	06:00:00"	8.1188	199.26	53.23	89.9	0.09645	26.234	0
"2013-03-09	07:00:00"	4.1184	263.28	51.587	89.2	0.10005	26.255	0
"2013-03-09	08:00:00"	6.8332	287.83	50.224	78.118	33.5	26.273	0
"2013-03-09	09:00:00"	8.6706	280.79	53.685	52.683	218	26.282	0
"2013-03-09	10:00:00"	15.44	282.7	56.315	38.015	342.92	26.288	0
"2013-03-09	11:00:00"	19.614	277.07	56.614	33.961	335.47	26.27	0
"2013-03-09	12:00:00"	21.89	273.49	58.452	30.43	449.1	26.27	0
"2013-03-09	13:00:00"	23.204	267.79	60.434	27.102	678.96	26.258	0
"2013-03-09	14:00:00"	24.34	269.76	61.322	25.016	858.83	26.229	0
"2013-03-09	15:00:00"	22.932	268.87	62.379	21.845	796.56	26.226	0

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"2013-03-09	16:00:00"	20.755	265	62.47	19.736	693.9	26.226	0
"2013-03-09	17:00:00"	20.941	270.39	61.749	18.537	458.43	26.205	0
"2013-03-09	18:00:00"	20.553	274.35	60.654	17.206	243.49	26.208	0
"2013-03-09	19:00:00"	21.143	280.18	58.589	15.958	54.717	26.205	0
"2013-03-09	20:00:00"	19.427	284.62	56.613	16.874	0.28151	26.217	0
"2013-03-09	21:00:00"	17.141	294.63	55.012	20.214	0.10959	26.232	0
"2013-03-09	22:00:00"	14.469	306.75	52.926	25.629	0.13779	26.273	0
"2013-03-09	23:00:00"	13.172	312.11	51.648	29.049	0.12422	26.296	0
"2013-03-10	00:00:00"	11.474	313.15	49.675	30.749	0.11256	26.329	0
"2013-03-10	01:00:00"	11.452	322.72	47.366	32.284	0.15432	26.367	0
"2013-03-10	02:00:00"	11.052	358.28	43.926	38.634	0.1628	26.388	0
"2013-03-10	03:00:00"	12.025	353.62	41.692	42.029	0.14415	26.379	0
"2013-03-10	04:00:00"	13.499	5.5509	40.24	46.494	0.13334	26.4	0
"2013-03-10	05:00:00"	10.448	11.407	38.342	50.923	0.19142	26.426	0
"2013-03-10	06:00:00"	8.2201	12.145	36.474	54.996	0.1274	26.447	0
"2013-03-10	07:00:00"	11.322	3.5268	36.172	54.912	0.29783	26.465	0
"2013-03-10	08:00:00"	10.563	0.87705	35.761	54.303	51.117	26.503	0
"2013-03-10	09:00:00"	21.507	13.72	38.295	36.354	240.24	26.506	0
"2013-03-10	10:00:00"	22.446	15.182	40.983	29.341	463.88	26.524	0
"2013-03-10	11:00:00"	19.597	16.774	43.457	26.129	661.44	26.542	0
"2013-03-10	12:00:00"	15.427	9.4852	45.408	24.765	804.17	26.539	0
"2013-03-10	13:00:00"	12.929	355.21	47.584	23.003	819.15	26.524	0
"2013-03-10	14:00:00"	12.543	359.11	48.685	21.872	752.4	26.509	0
"2013-03-10	15:00:00"	12.961	355.88	49.228	22.233	710.71	26.5	0
"2013-03-10	16:00:00"	11.432	351.98	49.798	22.399	574.94	26.497	0
"2013-03-10	17:00:00"	10.911	333.84	50.655	22.305	489.03	26.491	0
"2013-03-10	18:00:00"	10.802	340.13	49.654	24.981	179.89	26.506	0
"2013-03-10	19:00:00"	7.3086	354.85	46.978	29.248	33.419	26.53	0
"2013-03-10	20:00:00"	2.5004	319.52	42.335	34.456	0.49773	26.539	0
"2013-03-10	21:00:00"	2.4016	286.54	40.343	37.075	0.1751	26.556	0
"2013-03-10	22:00:00"	3.6238	302.05	38.609	38.213	0.17891	26.568	0
"2013-03-10	23:00:00"	3.1466	308.17	36.342	41.382	0.15814	26.556	0
"2013-03-11	01:00:00"	2.3196	314	33.62	45.406	0.18421	26.55	0
"2013-03-11	02:00:00"	3.0857	325.45	34.501	44.982	0.20753	26.55	0
"2013-03-11	03:00:00"	3.1889	359.07	34.666	45.511	0.15241	26.547	0
"2013-03-11	04:00:00"	1.1533	352.93	33.733	47.37	0.14627	26.524	0
"2013-03-11	05:00:00"	1.2446	340.59	33.337	48.437	0.18463	26.515	0
"2013-03-11	06:00:00"	0.7239	319.7	32.943	48.483	0.16195	26.515	0
"2013-03-11	07:00:00"	1.0824	288.82	32.024	50.034	0.15008	26.515	0
"2013-03-11	08:00:00"	2.383	222.55	34.809	43.93	0.38389	26.518	0
"2013-03-11	09:00:00"	1.4484	257.21	34.227	46.96	54.77	26.521	0
"2013-03-11	10:00:00"	5.5041	225.91	39.731	39.007	238.05	26.533	0
"2013-03-11	11:00:00"	6.7394	253.91	48.234	29.618	468.07	26.533	0
"2013-03-11	12:00:00"	10.84	277.58	56.597	22.672	675.05	26.527	0
"2013-03-11	13:00:00"	10.36	253.86	61.055	18.314	828.66	26.506	0
"2013-03-11	14:00:00"	11.669	240.6	63.744	15.788	914.96	26.485	0
"2013-03-11	15:00:00"	11.444	233.76	65.64	14.1	925.18	26.45	0

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"2013-03-11	16:00:00"	12.897	228.64	66.981	13.217	857.11	26.426	0
"2013-03-11	17:00:00"	11.817	226.45	68.461	11.922	723.22	26.412	0
"2013-03-11	18:00:00"	10.112	233.01	68.878	10.621	531.35	26.382	0
"2013-03-11	19:00:00"	9.5716	229.98	68.728	9.8922	294.79	26.382	0
"2013-03-11	20:00:00"	6.8674	225.2	66.939	11.333	75.836	26.376	0
"2013-03-11	21:00:00"	4.8162	193.7	62.541	13.31	0.44897	26.397	0
"2013-03-11	22:00:00"	5.1555	188.55	59.285	15.692	0.13122	26.403	0
"2013-03-11	23:00:00"	5.7042	198.33	55.943	18.757	0.12401	26.412	0
"2013-03-12	00:00:00"	3.064	237.05	52.074	22.088	0.12613	26.415	0
"2013-03-12	01:00:00"	1.243	1.5364	47.075	27.045	0.1615	26.418	0
"2013-03-12	02:00:00"	1.4584	325.43	45.779	28.843	0.14203	26.412	0
"2013-03-12	03:00:00"	4.0283	271.42	48.51	25.928	0.14393	26.418	0
"2013-03-12	04:00:00"	4.6068	242.79	47.146	27.796	0.16004	26.409	0
"2013-03-12	05:00:00"	4.8802	239.75	45.979	28.924	0.15623	26.418	0
"2013-03-12	06:00:00"	4.9008	262.37	45.605	29.203	0.16238	26.429	0
"2013-03-12	07:00:00"	5.1288	301.06	44.317	30.313	0.15008	26.441	0
"2013-03-12	08:00:00"	12.48	335.46	46.181	30.016	0.37966	26.494	0
"2013-03-12	09:00:00"	17.923	1.7923	42.598	45.621	55.883	26.536	0
"2013-03-12	10:00:00"	20.462	7.1213	42.807	52.333	240.5	26.568	0
"2013-03-12	11:00:00"	22.154	11.094	46.08	45.978	469.62	26.595	0
"2013-03-12	12:00:00"	20.826	14.397	49.759	40.418	668.97	26.618	0
"2013-03-12	13:00:00"	18.142	15.732	53.272	36.81	816.92	26.618	0
"2013-03-12	14:00:00"	17.158	27.363	56.59	32.206	900.12	26.621	0
"2013-03-12	15:00:00"	15.772	36.963	59.497	26.553	908.18	26.609	0
"2013-03-12	16:00:00"	13.779	44.99	61.03	22.855	838.58	26.604	0
"2013-03-12	17:00:00"	12.06	53.683	61.848	21.189	706.23	26.609	0
"2013-03-12	18:00:00"	12.381	57.192	62.166	19.998	517.9	26.615	0
"2013-03-12	19:00:00"	12.146	57.486	61.282	20.621	255.7	26.615	0
"2013-03-12	20:00:00"	8.9434	68.997	58.951	22.03	75.351	26.642	0
"2013-03-12	21:00:00"	5.2388	62.562	52.77	27.177	0.5946	26.669	0
"2013-03-12	22:00:00"	5.2493	52.979	46.782	33.545	0.16428	26.695	0
"2013-03-12	23:00:00"	7.5329	69.257	46.29	34.103	0.13461	26.719	0
"2013-03-13	00:00:00"	8.5824	81.067	45.608	34.208	0.13122	26.719	0
"2013-03-13	01:00:00"	7.083	91.758	42.483	38.475	0.13249	26.719	0
"2013-03-13	02:00:00"	6.7152	89.605	40.591	42.223	0.18548	26.725	0
"2013-03-13	03:00:00"	6.6045	90.175	39.136	45.529	0.15326	26.731	0
"2013-03-13	04:00:00"	6.3417	90.214	37.783	48.379	0.14669	26.722	0
"2013-03-13	05:00:00"	6.8009	89.339	37.214	51.17	0.18167	26.719	0
"2013-03-13	06:00:00"	5.9571	83.031	36.595	52.994	0.16492	26.728	0
"2013-03-13	07:00:00"	5.6942	63.22	35.641	56.667	0.15284	26.745	0
"2013-03-13	08:00:00"	3.9258	50.346	32.72	63.464	0.44452	26.757	0
"2013-03-13	09:00:00"	1.5367	316.6	34.165	63.809	57.633	26.769	0
"2013-03-13	10:00:00"	8.3369	169.04	42.21	48.613	245.25	26.769	0
"2013-03-13	11:00:00"	14.052	171.15	47.892	38.393	476.99	26.778	0
"2013-03-13	12:00:00"	13.269	179.68	52.068	33.493	677.05	26.772	0
"2013-03-13	13:00:00"	12.262	187.19	56.009	28.833	829.99	26.76	0
"2013-03-13	14:00:00"	9.41	196.95	59.24	25.719	914.58	26.736	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-13	15:00:00"	10.494	184.5	61.64	23.61	923.86	26.707	0
"2013-03-13	16:00:00"	11.015	187.05	64.614	20.739	858.78	26.674	0
"2013-03-13	17:00:00"	11.387	185	66.771	18.657	723.84	26.651	0
"2013-03-13	18:00:00"	11.446	188.64	68.331	17.316	532.85	26.636	0
"2013-03-13	19:00:00"	11.491	181.49	68.272	17.454	304.56	26.63	0
"2013-03-13	20:00:00"	8.4214	175.81	66.19	18.937	82.276	26.639	0
"2013-03-13	21:00:00"	3.9227	175.25	60.676	22.518	0.49836	26.642	0
"2013-03-13	22:00:00"	4.1501	148.32	58.542	23.744	0.12486	26.648	0
"2013-03-13	23:00:00"	6.1211	151.79	57.646	24.678	0.12888	26.651	0
"2013-03-14	00:00:00"	8.6383	165.62	55.992	26.38	0.13991	26.66	0
"2013-03-14	01:00:00"	6.9668	180.13	52.827	31.142	0.12676	26.648	0
"2013-03-14	02:00:00"	8.4525	191.38	52.955	33.671	0.14648	26.639	0
"2013-03-14	03:00:00"	9.1112	197.49	52.523	35.987	0.1416	26.633	0
"2013-03-14	04:00:00"	9.7729	193.93	51.662	39.101	0.1751	26.615	0
"2013-03-14	05:00:00"	9.2354	196.85	50.31	43.775	0.14669	26.607	0
"2013-03-14	06:00:00"	6.5343	220.95	48.934	46.042	0.12825	26.615	0
"2013-03-14	07:00:00"	4.8802	241.81	47.845	47.557	0.13694	26.633	0
"2013-03-14	08:00:00"	3.7842	237.04	46.825	50.663	0.46466	26.642	0
"2013-03-14	09:00:00"	5.8775	207.64	48.508	47.755	62.429	26.651	0
"2013-03-14	10:00:00"	7.9977	207.37	51.62	42.657	252.8	26.672	0
"2013-03-14	11:00:00"	7.7752	221.82	56.498	35.353	483.81	26.672	0
"2013-03-14	12:00:00"	7.3197	223.55	64.394	25.077	687.6	26.674	0
"2013-03-14	13:00:00"	7.2203	227.15	71.14	17.81	838.47	26.663	0
"2013-03-14	14:00:00"	8.0157	227.97	76.279	11.801	923.75	26.639	0
"2013-03-14	15:00:00"	7.6062	228.63	78.665	9.3539	912.27	26.612	0
"2013-03-14	16:00:00"	9.2342	224.7	80.055	8.5081	867.52	26.589	0
"2013-03-14	17:00:00"	8.1741	226.4	80.653	8.2481	729.48	26.574	0
"2013-03-14	18:00:00"	7.6112	225.29	80.591	8.0892	534.88	26.562	0
"2013-03-14	19:00:00"	7.4608	227.76	79.973	8.2336	305.25	26.562	0
"2013-03-14	20:00:00"	7.3197	197.9	76.865	9.6153	82.113	26.562	0
"2013-03-14	21:00:00"	4.0147	180.12	69.385	12.889	0.59821	26.562	0
"2013-03-14	22:00:00"	6.927	196.06	67.514	13.504	0.11108	26.568	0
"2013-03-14	23:00:00"	8.8514	193.54	64.763	17.202	0.11489	26.577	0
"2013-03-15	00:00:00"	7.8815	192.66	60.571	26.075	0.13312	26.589	0
"2013-03-15	01:00:00"	7.6982	199.34	59.793	32.779	0.1291	26.586	0
"2013-03-15	02:00:00"	8.4078	198.06	58.224	38.084	0.12952	26.58	0
"2013-03-15	03:00:00"	8.6805	199.13	56.683	41.126	0.13228	26.571	0
"2013-03-15	04:00:00"	9.3864	198.15	55.34	43.166	0.14775	26.55	0
"2013-03-15	05:00:00"	8.3332	197.15	54.264	44.95	0.13249	26.533	0
"2013-03-15	06:00:00"	7.833	197.74	53.262	46.862	0.11701	26.527	0
"2013-03-15	07:00:00"	6.2479	214.9	52.04	49.135	0.12422	26.533	0
"2013-03-15	08:00:00"	5.3053	221.27	51.24	50.391	0.55305	26.533	0
"2013-03-15	09:00:00"	4.8169	229.24	50.451	51.834	65.733	26.533	0
"2013-03-15	10:00:00"	6.1833	232.96	53.216	47.427	259.16	26.533	0
"2013-03-15	11:00:00"	7.014	223.09	59.15	37.516	491.96	26.527	0
"2013-03-15	12:00:00"	7.2439	218.66	66.405	27.099	696.56	26.515	0
"2013-03-15	13:00:00"	8.7209	221.99	73.389	18.64	848.81	26.5	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-15	14:00:00"	9.7661	234.23	79.897	11.632	933.13	26.465	0
"2013-03-15	15:00:00"	10.671	233.84	82.919	9.1975	941.48	26.423	0
"2013-03-15	16:00:00"	11.157	247.21	84.634	7.7525	874.73	26.397	0
"2013-03-15	17:00:00"	9.8226	255.65	85.555	6.4744	742.43	26.373	0
"2013-03-15	18:00:00"	10.146	243.36	85.86	5.9364	548.28	26.361	0
"2013-03-15	19:00:00"	8.2897	240.05	85.351	5.7245	318.36	26.35	0
"2013-03-15	20:00:00"	5.135	228.33	82.41	6.4667	87.118	26.347	0
"2013-03-15	21:00:00"	6.7456	194.2	77.925	7.5575	0.40318	26.344	0
"2013-03-15	22:00:00"	7.6888	189.76	73.713	8.7089	0.07631	26.341	0
"2013-03-15	23:00:00"	10.783	181.02	67.679	14.62	0.11998	26.347	0
"2013-03-16	00:00:00"	13.719	189.91	66.025	23.161	0.08564	26.344	0
"2013-03-16	01:00:00"	12.431	194.09	64.141	29.97	0.1204	26.332	0
"2013-03-16	02:00:00"	11.367	195.76	61.806	35.056	0.11065	26.32	0
"2013-03-16	03:00:00"	7.311	205.82	58.909	39.224	0.13397	26.314	0
"2013-03-16	04:00:00"	6.292	215.42	56.871	42.883	0.15686	26.296	0
"2013-03-16	05:00:00"	5.4072	222.29	54.819	46.828	0.15029	26.282	0
"2013-03-16	06:00:00"	5.8403	219.06	53.298	49.617	0.14415	26.27	0
"2013-03-16	07:00:00"	6.52	225	50.924	53.787	0.13715	26.273	0
"2013-03-16	08:00:00"	2.2413	243.15	47.887	58.918	1.1888	26.282	0
"2013-03-16	09:00:00"	3.0808	231.78	50.701	52.716	86.918	26.288	0
"2013-03-16	10:00:00"	4.9554	226.63	57.969	37.024	266.95	26.294	0
"2013-03-16	11:00:00"	6.3324	268.65	67.998	20.643	495.61	26.294	0
"2013-03-16	12:00:00"	12.086	292.43	77.735	10.911	572.35	26.291	0
"2013-03-16	13:00:00"	11.868	299.13	82.505	9.065	867.9	26.276	0
"2013-03-16	14:00:00"	7.856	298.9	84.732	7.9267	957.9	26.252	0
"2013-03-16	15:00:00"	6.8438	279.03	86.066	7.2375	940.75	26.223	0
"2013-03-16	16:00:00"	6.9662	275.72	86.55	6.8142	867.06	26.196	0
"2013-03-16	17:00:00"	9.7909	240.86	86.807	4.9819	634.92	26.178	0
"2013-03-16	18:00:00"	10.924	230.66	85.956	4.9281	529.67	26.172	0
"2013-03-16	19:00:00"	8.125	251.11	85.244	4.4664	329.5	26.167	0
"2013-03-16	20:00:00"	4.7814	228.76	82.284	4.8097	87.962	26.169	0
"2013-03-16	21:00:00"	7.3104	87.041	73.256	14.659	0.41866	26.19	0
"2013-03-16	22:00:00"	9.2764	82.547	68.073	25.587	0.12719	26.211	0
"2013-03-16	23:00:00"	5.4227	47.773	62.344	31.313	0.12146	26.22	0
"2013-03-17	00:00:00"	8.0915	90.461	61.193	34.271	0.13016	26.214	0
"2013-03-17	01:00:00"	12.079	46.467	60.386	38.158	0.09963	26.234	0
"2013-03-17	02:00:00"	12.012	60.251	57.149	45.018	0.16068	26.223	0
"2013-03-17	03:00:00"	12.897	52.628	55.203	50.26	0.14245	26.234	0
"2013-03-17	04:00:00"	11.731	44.247	51.673	57.588	0.131	26.252	0
"2013-03-17	05:00:00"	12.051	28.026	48.587	63.964	0.13206	26.258	0
"2013-03-17	06:00:00"	12.371	25.022	46.375	69.494	0.12655	26.267	0
"2013-03-17	07:00:00"	11.085	28.432	44.342	73.1	0.14987	26.273	0
"2013-03-17	08:00:00"	6.2727	16.579	41.998	77.259	0.70186	26.296	0
"2013-03-17	09:00:00"	4.4459	339.08	41.074	78.214	67.215	26.314	0
"2013-03-17	10:00:00"	6.9649	25.323	47.842	61.861	259.87	26.329	0
"2013-03-17	11:00:00"	3.6263	53.056	52.041	51.582	489.3	26.335	0
"2013-03-17	12:00:00"	2.8465	199.83	57.138	42.858	692.4	26.323	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-17	13:00:00"	5.1387	202.48	60.269	39.831	844.03	26.294	0
"2013-03-17	14:00:00"	7.8055	227.08	64.636	34.183	929.94	26.264	0
"2013-03-17	15:00:00"	9.113	226.06	68.853	27.765	937.1	26.217	0
"2013-03-17	16:00:00"	9.8574	223.45	72.61	21.741	867.86	26.187	0
"2013-03-17	17:00:00"	9.8121	236.26	75.72	16.968	730.58	26.155	0
"2013-03-17	18:00:00"	12.772	233.82	77.95	13.348	526.13	26.134	0
"2013-03-17	19:00:00"	15.426	247.93	78.473	11.07	258.24	26.134	0
"2013-03-17	20:00:00"	19.031	284.65	75.512	12.863	16.773	26.169	0
"2013-03-17	21:00:00"	16.679	318.38	71.534	17.363	0.33069	26.202	0
"2013-03-17	22:00:00"	5.2263	268.93	68.988	19.159	0.09581	26.196	0
"2013-03-17	23:00:00"	1.7137	288.98	63.361	22.461	0.10938	26.202	0
"2013-03-18	00:00:00"	4.6932	210.66	62.844	22.308	0.13588	26.211	0
"2013-03-18	01:00:00"	6.4165	208.09	60.53	24.098	0.13508	26.226	0
"2013-03-18	02:00:00"	5.1499	230.64	59.244	24.021	0.10853	26.234	0
"2013-03-18	03:00:00"	6.8189	288.37	59.763	18.517	0.13185	26.246	0
"2013-03-18	04:00:00"	7.8802	286.58	58.801	17.797	0.10684	26.258	0
"2013-03-18	05:00:00"	6.4548	303.56	53.152	21.624	0.09603	26.267	0
"2013-03-18	06:00:00"	8.5519	315.73	51.077	23.158	0.16365	26.294	0
"2013-03-18	07:00:00"	5.0033	337.79	50.657	22.433	0.16768	26.32	0
"2013-03-18	08:00:00"	7.8367	321.8	47.706	24.806	0.93737	26.338	0
"2013-03-18	09:00:00"	9.3752	343.68	53.217	17.714	82.047	26.379	0
"2013-03-18	10:00:00"	15.579	16.69	56.282	21.182	279.89	26.42	0
"2013-03-18	11:00:00"	16.028	26.187	54.681	33.822	480.31	26.438	0
"2013-03-18	12:00:00"	13.438	38.754	56.217	34.534	649.53	26.453	0
"2013-03-18	13:00:00"	10.102	51.601	58.203	31.609	716.47	26.456	0
"2013-03-18	14:00:00"	6.7071	77.944	61.376	26.549	845.54	26.432	0
"2013-03-18	15:00:00"	4.7982	131.05	64.983	20.824	659.69	26.4	0
"2013-03-18	16:00:00"	5.7272	173.74	67.977	16.271	668.39	26.376	0
"2013-03-18	17:00:00"	6.6605	186.2	70.86	13.2	677.01	26.358	0
"2013-03-18	18:00:00"	11.477	206.94	73.603	11.353	553.03	26.344	0
"2013-03-18	19:00:00"	10.745	212.22	74.282	9.835	313.98	26.332	0
"2013-03-18	20:00:00"	8.8651	242.11	73.177	7.1995	93.107	26.332	0
"2013-03-18	21:00:00"	6.7226	193.77	69.228	8.2006	0.88056	26.353	0
"2013-03-18	22:00:00"	6.5871	188.99	65.392	9.9047	0.1327	26.37	0
"2013-03-18	23:00:00"	5.8682	187.16	61.625	11.542	0.09984	26.373	0
"2013-03-19	00:00:00"	6.4355	218.91	58.869	12.957	0.11998	26.382	0
"2013-03-19	01:00:00"	4.9814	224.41	57.898	13.759	0.12493	26.373	0
"2013-03-19	02:00:00"	5.176	175.55	53.159	17.494	0.16852	26.373	0
"2013-03-19	03:00:00"	5.3164	183.57	53.163	20.643	0.11871	26.37	0
"2013-03-19	04:00:00"	5.0679	190.81	52.829	22.303	0.14478	26.364	0
"2013-03-19	05:00:00"	4.8013	221.36	53.046	22.328	0.12189	26.37	0
"2013-03-19	06:00:00"	3.6785	222.14	50.905	24.158	0.15835	26.364	0
"2013-03-19	07:00:00"	2.2021	232.17	49.673	25.764	0.12337	26.37	0
"2013-03-19	08:00:00"	3.6375	209.77	51.43	23.971	0.53673	26.382	0
"2013-03-19	09:00:00"	3.8028	230.45	51.019	24.514	85.174	26.397	0
"2013-03-19	10:00:00"	4.4726	234.63	55.905	21.535	301.99	26.4	0
"2013-03-19	11:00:00"	4.4621	290.69	62.039	15.652	363.99	26.4	0

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"2013-03-19	12:00:00"	4.3061	278.16	68.36	11.219	482.24	26.397	0
"2013-03-19	13:00:00"	5.2437	280.6	72.613	8.3997	451.87	26.394	0
"2013-03-19	14:00:00"	6.7866	293.47	73.461	7.8272	406.72	26.385	0
"2013-03-19	15:00:00"	7.3924	291.48	73.484	8.6861	354.51	26.373	0
"2013-03-19	16:00:00"	8.4674	287.14	72.742	9.9378	249.18	26.367	0
"2013-03-19	17:00:00"	5.9515	330.68	73.022	9.1906	269.32	26.367	0
"2013-03-19	18:00:00"	12.902	54.342	71.288	12.638	224.31	26.37	0
"2013-03-19	19:00:00"	16.312	53.677	68.452	15.399	195.6	26.394	0
"2013-03-19	20:00:00"	15.298	55.147	65.36	18.23	68.519	26.423	0
"2013-03-19	21:00:00"	10.969	56.859	60.361	25.218	0.76249	26.453	0
"2013-03-19	22:00:00"	14.398	58.283	56.678	40.709	0.11256	26.506	0
"2013-03-19	23:00:00"	16.412	55.364	53.502	48.389	0.16513	26.547	0
"2013-03-20	00:00:00"	15.195	56.344	49.673	52.961	0.14542	26.571	0
"2013-03-20	01:00:00"	11.572	54.239	47.094	59.019	0.13736	26.589	0
"2013-03-20	02:00:00"	9.9071	56.464	45.017	64.562	0.14754	26.589	0
"2013-03-20	03:00:00"	8.7769	22.553	44.053	67.55	0.12549	26.621	0
"2013-03-20	04:00:00"	6.5729	8.8644	41.47	72.743	0.11129	26.63	0
"2013-03-20	05:00:00"	5.7551	3.1031	39.689	78.263	0.13991	26.63	0
"2013-03-20	06:00:00"	6.4206	13.984	38.8	80.63	0.14775	26.645	0
"2013-03-20	07:00:00"	4.9063	11.84	36.733	82.585	0.1469	26.66	0
"2013-03-20	08:00:00"	4.8846	3.0764	36.066	84.016	1.7567	26.689	0
"2013-03-20	09:00:00"	6.7506	8.5285	38.334	80.255	82.895	26.713	0
"2013-03-20	10:00:00"	9.2926	39.173	44.428	61.765	285.78	26.716	0
"2013-03-20	11:00:00"	10.45	74.973	49.388	41.54	517.37	26.716	0
"2013-03-20	12:00:00"	11.508	108.8	53.431	31.897	714.88	26.695	0
"2013-03-20	13:00:00"	12.551	124.47	56.185	26.591	855.62	26.666	0
"2013-03-20	14:00:00"	12.959	139.57	58.389	26.451	891.68	26.621	0
"2013-03-20	15:00:00"	12.316	155.63	59.715	25.692	787.88	26.58	0
"2013-03-20	16:00:00"	13.218	165.11	60.863	25.301	692.28	26.539	0
"2013-03-20	17:00:00"	12.866	168.72	62.203	24.694	615.1	26.497	0
"2013-03-20	18:00:00"	13.44	170.08	62.714	24.849	373.43	26.474	0
"2013-03-20	19:00:00"	12.736	176.89	63.111	24.801	200.31	26.444	0
"2013-03-20	20:00:00"	11.736	185.62	62.037	27.623	35.658	26.432	0
"2013-03-20	21:00:00"	8.9347	190.5	59.857	32.348	0.46084	26.42	0
"2013-03-20	22:00:00"	6.351	192.42	57.546	36.816	0.11956	26.415	0
"2013-03-20	23:00:00"	3.2237	189.97	56.02	39.476	0.12125	26.4	0
"2013-03-21	00:00:00"	1.1533	180.42	52.912	43.868	0.12761	26.373	0
"2013-03-21	01:00:00"	6.1311	170.69	52.515	46.133	0.13524	26.356	0
"2013-03-21	02:00:00"	10.11	187.77	53.303	50.154	0.15581	26.308	0
"2013-03-21	03:00:00"	11.3	188.52	52.677	54.749	0.13863	26.285	0
"2013-03-21	04:00:00"	9.1665	183.71	51.613	62.484	0.11426	26.258	0
"2013-03-21	05:00:00"	8.0871	187.87	49.973	70.516	0.15686	26.223	0
"2013-03-21	06:00:00"	9.7754	196.5	49.912	76.168	0.11722	26.205	0
"2013-03-21	07:00:00"	9.8444	192.43	48.286	81.129	0.13694	26.196	0
"2013-03-21	08:00:00"	8.693	202.56	47.443	84.691	0.66413	26.187	0
"2013-03-21	09:00:00"	8.2841	202.74	47.175	86.062	72.821	26.184	0
"2013-03-21	10:00:00"	6.7207	201.39	50.482	80.487	228.13	26.196	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-21	11:00:00"	7.9604	224.82	56.237	63.242	483.88	26.199	0
"2013-03-21	12:00:00"	9.0733	264.34	67.458	33.709	694.7	26.175	0
"2013-03-21	13:00:00"	12.463	283.05	74.903	16.918	867.26	26.155	0
"2013-03-21	14:00:00"	14.234	281.51	77.213	14.033	943.06	26.134	0
"2013-03-21	15:00:00"	14.968	280.32	79.059	12.474	849.03	26.105	0
"2013-03-21	16:00:00"	15.275	281.64	81.197	11.844	945.17	26.072	0
"2013-03-21	17:00:00"	13.061	279.42	81.155	10.868	585.33	26.057	0
"2013-03-21	18:00:00"	19.053	290.73	81.353	9.48	478.26	26.06	0
"2013-03-21	19:00:00"	17.26	289.9	80.182	8.9352	348.6	26.072	0
"2013-03-21	20:00:00"	11.956	282.17	78.038	9.0014	96.478	26.078	0
"2013-03-21	21:00:00"	5.8135	283.35	72.139	11.218	0.60393	26.096	0
"2013-03-21	22:00:00"	7.5217	260.43	68.945	13.586	0.08818	26.116	0
"2013-03-21	23:00:00"	5.6545	252.37	66.758	16.266	0.11277	26.131	0
"2013-03-22	00:00:00"	4.8604	267.98	62.684	19.087	0.11468	26.134	0
"2013-03-22	01:00:00"	6.3142	304.88	60.368	21.109	0.11859	26.134	0
"2013-03-22	02:00:00"	5.6501	297.65	60.131	22.203	0.11235	26.125	0
"2013-03-22	03:00:00"	5.1027	304.51	57.103	25.197	0.1291	26.128	0
"2013-03-22	04:00:00"	9.8077	316.64	55.815	26.742	0.14775	26.125	0
"2013-03-22	05:00:00"	10.284	318.11	56.211	26.006	0.11362	26.134	0
"2013-03-22	06:00:00"	4.9915	271.84	49.779	32.278	0.14733	26.161	0
"2013-03-22	07:00:00"	6.804	351.67	48.931	29.494	0.12083	26.187	0
"2013-03-22	08:00:00"	10.781	25.218	46.16	39.503	1.1114	26.22	0
"2013-03-22	09:00:00"	13.325	38.53	44.576	61.552	85.329	26.246	0
"2013-03-22	10:00:00"	18.071	49.123	46.382	75.2	214.86	26.252	0
"2013-03-22	11:00:00"	17.354	52.281	48.776	71.716	425.14	26.27	0
"2013-03-22	12:00:00"	13.483	58.756	49.447	67.339	558.05	26.296	0
"2013-03-22	13:00:00"	11.613	46.647	51.622	59.656	863.75	26.288	0
"2013-03-22	14:00:00"	10.207	42.074	54.018	53.92	902.83	26.276	0
"2013-03-22	15:00:00"	5.6886	47.915	57.741	44.626	904.53	26.246	0
"2013-03-22	16:00:00"	6.7058	55.765	60.453	40.683	613.36	26.202	0
"2013-03-22	17:00:00"	6.2094	77.113	64.022	32.904	742.79	26.187	0
"2013-03-22	18:00:00"	5.7278	96.143	66.618	28.816	562	26.169	0
"2013-03-22	19:00:00"	6.1236	109.47	67.781	26.709	309.44	26.161	0
"2013-03-22	20:00:00"	9.4815	120.76	66.276	28.565	70.79	26.164	0
"2013-03-22	21:00:00"	10.047	109.42	63.173	33.74	0.64378	26.152	0
"2013-03-22	22:00:00"	15.057	133.23	61.082	37.832	0.09369	26.164	0
"2013-03-22	23:00:00"	11.941	133.26	57.805	44.412	0.12931	26.19	0
"2013-03-23	00:00:00"	9.0509	82.951	55.447	48.504	0.1185	26.202	0
"2013-03-23	01:00:00"	8.6582	92.374	51.541	57.318	0.10557	26.205	0
"2013-03-23	02:00:00"	7.4993	81.168	49.036	63.164	0.12337	26.226	0
"2013-03-23	03:00:00"	5.3419	70.959	46.394	69.434	0.14033	26.214	0
"2013-03-23	04:00:00"	6.1099	79.528	44.511	73.763	0.13482	26.193	0
"2013-03-23	05:00:00"	6.9736	75.608	42.43	77.436	0.14457	26.175	0
"2013-03-23	06:00:00"	5.281	83.612	41.263	79.841	0.14266	26.184	0
"2013-03-23	07:00:00"	2.1692	330.84	37.044	85.206	0.12804	26.196	0
"2013-03-23	08:00:00"	1.3409	8.9917	35.522	87.749	2.1064	26.202	0
"2013-03-23	09:00:00"	1.577	138.59	38.25	84.819	90.211	26.22	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-23	10:00:00"	5.4693	201.16	46.262	70.812	295.87	26.229	0
"2013-03-23	11:00:00"	8.1716	220.81	54.909	50.548	528.66	26.226	0
"2013-03-23	12:00:00"	17.477	263.15	67.409	24.448	729.3	26.217	0
"2013-03-23	13:00:00"	16.077	268.86	70.323	17.935	881.96	26.202	0
"2013-03-23	14:00:00"	17.095	270.3	71.969	15.528	958.19	26.181	0
"2013-03-23	15:00:00"	18.467	266.57	73.209	13.664	966.24	26.149	0
"2013-03-23	16:00:00"	18.543	264.34	74.59	11.147	898.58	26.125	0
"2013-03-23	17:00:00"	20.004	265.27	75.022	8.7108	749.93	26.122	0
"2013-03-23	18:00:00"	20.657	267.64	74.461	8.3378	540.02	26.122	0
"2013-03-23	19:00:00"	19.515	269.9	73.853	7.7558	272.6	26.134	0
"2013-03-23	20:00:00"	21.603	303.1	70.328	6.0914	47.132	26.208	0
"2013-03-23	21:00:00"	21.719	341.67	57.594	9.0903	0.52931	26.288	0
"2013-03-23	22:00:00"	24.535	347.73	50.408	8.9433	0.10641	26.338	0
"2013-03-23	23:00:00"	25.75	7.7417	41.897	35.223	0.12867	26.423	0
"2013-03-24	00:00:00"	24.896	10.936	36.798	50.285	0.15665	26.459	0
"2013-03-24	01:00:00"	25.368	7.9599	32.069	51.537	0.12684	26.462	0
"2013-03-24	02:00:00"	23.221	10.222	29.875	51.517	0.20626	26.483	0
"2013-03-24	03:00:00"	18.061	11.362	28.141	51.606	0.19905	26.539	0
"2013-03-24	04:00:00"	7.5093	354.95	26.701	52.353	0.19693	26.568	0
"2013-03-24	05:00:00"	5.4283	330.44	24.815	55.544	0.16746	26.568	0
"2013-03-24	06:00:00"	4.0395	321.1	23.575	56.151	0.21325	26.574	0
"2013-03-24	07:00:00"	4.1352	316.46	22.791	56.185	0.18421	26.592	0
"2013-03-24	08:00:00"	4.3515	289.55	22.755	54.868	2.5313	26.604	0
"2013-03-24	09:00:00"	5.0089	303.99	23.986	51.936	95.512	26.615	0
"2013-03-24	10:00:00"	10.158	348.37	28.379	44.869	305.96	26.63	0
"2013-03-24	11:00:00"	10.391	8.8991	31.058	40.859	539.39	26.636	0
"2013-03-24	12:00:00"	7.2533	355.23	33.915	35.659	742.57	26.621	0
"2013-03-24	13:00:00"	6.2087	31.488	37.082	30.061	893.05	26.595	0
"2013-03-24	14:00:00"	4.7883	93.997	40.182	25.155	975.51	26.556	0
"2013-03-24	15:00:00"	4.3863	177.38	43.179	21.736	980.44	26.518	0
"2013-03-24	16:00:00"	4.6342	136.19	45.848	18.787	908.6	26.48	0
"2013-03-24	17:00:00"	4.4298	114.37	47.916	16.658	767.49	26.447	0
"2013-03-24	18:00:00"	4.8889	120.62	49.035	15.985	569.12	26.426	0
"2013-03-24	19:00:00"	7.1843	106.59	49.273	16.515	335.98	26.426	0
"2013-03-24	20:00:00"	7.9958	113.53	48.253	17.178	107.92	26.426	0
"2013-03-24	21:00:00"	7.3906	109.75	45.481	18.782	1.5301	26.435	0
"2013-03-24	22:00:00"	6.8276	103.7	41.699	21.563	0.14012	26.456	0
"2013-03-24	23:00:00"	8.468	111	40.584	22.457	0.16534	26.477	0
"2013-03-25	00:00:00"	9.0838	109.01	39.589	23.353	0.17976	26.485	0
"2013-03-25	01:00:00"	7.2247	102.61	36.234	26.051	0.1486	26.509	0
"2013-03-25	02:00:00"	9.1708	83.362	34.277	27.762	0.16492	26.536	0
"2013-03-25	03:00:00"	13.386	69.087	33.008	29.061	0.19968	26.556	0
"2013-03-25	04:00:00"	14.585	66.233	31.422	31.306	0.18718	26.568	0
"2013-03-25	05:00:00"	11.984	59.319	28.924	35.546	0.16534	26.58	0
"2013-03-25	06:00:00"	10.965	52.361	27.243	40.126	0.18442	26.598	0
"2013-03-25	07:00:00"	10.245	49.469	26.293	44.269	0.1698	26.624	0
"2013-03-25	08:00:00"	8.5749	48.135	25.073	48.419	3.2808	26.645	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-25	09:00:00"	8.3755	56.29	26.36	48.056	100.58	26.672	0
"2013-03-25	10:00:00"	10.815	80.794	31.986	39.981	312.82	26.698	0
"2013-03-25	11:00:00"	9.2553	87.035	36.11	32.588	546.36	26.707	0
"2013-03-25	12:00:00"	10.199	101.85	39.655	25.814	749.3	26.695	0
"2013-03-25	13:00:00"	9.822	105.71	41.452	22.836	897.42	26.686	0
"2013-03-25	14:00:00"	8.0554	125.22	43.356	21.63	977.73	26.663	0
"2013-03-25	15:00:00"	7.5254	125.95	44.88	20.492	981.59	26.642	0
"2013-03-25	16:00:00"	6.4734	125.62	46.589	19.58	909.53	26.618	0
"2013-03-25	17:00:00"	6.5492	150.1	48.537	18.003	768.61	26.604	0
"2013-03-25	18:00:00"	7.1824	137.24	49.35	17.478	571.29	26.601	0
"2013-03-25	19:00:00"	6.6866	117.71	49.732	17.487	338.59	26.612	0
"2013-03-25	20:00:00"	8.1698	116.47	49.136	17.793	110.74	26.621	0
"2013-03-25	21:00:00"	6.0919	95.078	45.466	20.342	1.607	26.642	0
"2013-03-25	22:00:00"	7.0513	90.786	41.277	24.138	0.14245	26.654	0
"2013-03-25	23:00:00"	6.3771	91.917	38.914	26.744	0.15644	26.672	0
"2013-03-26	00:00:00"	6.4362	91.561	36.905	29.294	0.18781	26.689	0
"2013-03-26	01:00:00"	6.5312	93.988	36.316	31.261	0.17721	26.692	0
"2013-03-26	02:00:00"	6.6828	102.61	35.47	33.205	0.17043	26.692	0
"2013-03-26	03:00:00"	7.9007	107.12	35.68	33.838	0.16704	26.695	0
"2013-03-26	04:00:00"	8.0977	109.8	34.313	35.99	0.18336	26.689	0
"2013-03-26	05:00:00"	10.224	116.75	33.764	37.292	0.16619	26.683	0
"2013-03-26	06:00:00"	10.789	127.23	33.383	37.485	0.18612	26.677	0
"2013-03-26	07:00:00"	9.2056	132.95	32.679	38.218	0.22555	26.689	0
"2013-03-26	08:00:00"	9.2491	136.85	32.326	39.303	4.0179	26.692	0
"2013-03-26	09:00:00"	11.098	142.62	33.766	37.589	104.65	26.707	0
"2013-03-26	10:00:00"	13.678	158.32	39.193	31.216	315.45	26.719	0
"2013-03-26	11:00:00"	18.188	169.49	43.133	25.809	547.15	26.704	0
"2013-03-26	12:00:00"	19.819	176.77	47.1	21.789	749.91	26.686	0
"2013-03-26	13:00:00"	18.527	177.36	51.041	20.165	896.27	26.66	0
"2013-03-26	14:00:00"	18.149	182.92	53.892	18.762	977.8	26.639	0
"2013-03-26	15:00:00"	18.335	178.03	57.021	17.114	971.11	26.604	0
"2013-03-26	16:00:00"	19.865	177.51	59.003	15.978	850.3	26.568	0
"2013-03-26	17:00:00"	19.435	176.85	60.685	15.116	700.88	26.539	0
"2013-03-26	18:00:00"	17.602	180.39	61.956	14.207	531.8	26.521	0
"2013-03-26	19:00:00"	16.819	171.25	61.982	14.11	262.99	26.515	0
"2013-03-26	20:00:00"	13.885	162.94	60.392	15.158	46.332	26.509	0
"2013-03-26	21:00:00"	13.046	159.28	57.733	17.36	0.54118	26.509	0
"2013-03-26	22:00:00"	11.34	156.67	54.737	20.288	0.12804	26.521	0
"2013-03-26	23:00:00"	14.523	165.25	53.134	23.232	0.12634	26.527	0
"2013-03-27	00:00:00"	15.599	170.22	51.625	26.102	0.14309	26.521	0
"2013-03-27	01:00:00"	14.373	178.33	49.973	29.607	0.13275	26.521	0
"2013-03-27	02:00:00"	12.744	180.76	48.074	33.729	0.1433	26.512	0
"2013-03-27	03:00:00"	11.406	183.9	46.325	37.312	0.19545	26.497	0
"2013-03-27	04:00:00"	11.15	188.81	45.18	40.126	0.16428	26.471	0
"2013-03-27	05:00:00"	9.9413	183.86	43.761	44.054	0.14542	26.459	0
"2013-03-27	06:00:00"	6.8369	184.08	42.449	48.338	0.12252	26.465	0
"2013-03-27	07:00:00"	7.7808	187.98	41.88	50.86	0.12464	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-27	08:00:00"	8.0026	191.83	40.925	54.412	4.9124	26.48	0
"2013-03-27	09:00:00"	9.0993	197.54	41.663	55.567	105.32	26.497	0
"2013-03-27	10:00:00"	12.23	190.1	47.756	47.053	317.26	26.512	0
"2013-03-27	11:00:00"	11.139	191.69	53.258	37.943	519.77	26.515	0
"2013-03-27	12:00:00"	10.086	189.49	58.644	30.434	725.6	26.509	0
"2013-03-27	13:00:00"	10.254	196.38	64.601	23.837	848.96	26.497	0
"2013-03-27	14:00:00"	9.9345	209.54	69.546	19.272	957.6	26.48	0
"2013-03-27	15:00:00"	9.3939	199.47	73.562	15.224	931.69	26.453	0
"2013-03-27	16:00:00"	9.891	203.56	76.112	13.199	915.19	26.432	0
"2013-03-27	17:00:00"	12.777	187.18	76.4	13.228	661.91	26.418	0
"2013-03-27	18:00:00"	14.223	190.68	75.451	14.026	350.05	26.415	0
"2013-03-27	19:00:00"	13.116	186.09	75.621	13.782	302.25	26.412	0
"2013-03-27	20:00:00"	11.032	187	74.412	14.266	95.188	26.412	0
"2013-03-27	21:00:00"	10.524	171.94	69.454	19.941	0.98528	26.426	0
"2013-03-27	22:00:00"	10.68	166.67	65.849	27.287	0.10451	26.444	0
"2013-03-27	23:00:00"	11.152	182.47	62.063	37.124	0.10959	26.471	0
"2013-03-28	00:00:00"	13.829	186.56	58.842	46.393	0.09115	26.474	0
"2013-03-28	01:00:00"	13.069	192.23	55.977	54.978	0.09306	26.468	0
"2013-03-28	02:00:00"	13.281	192.93	54.163	62.065	0.13503	26.471	0
"2013-03-28	03:00:00"	12.235	194.54	52.664	67.026	0.13651	26.462	0
"2013-03-28	04:00:00"	12.213	194.59	51.142	72.584	0.12358	26.456	0
"2013-03-28	05:00:00"	7.8025	211.98	49.483	77.509	0.1291	26.453	0
"2013-03-28	06:00:00"	7.549	224.17	48.532	80.604	0.11871	26.453	0
"2013-03-28	07:00:00"	6.2622	228.76	47.031	83.938	0.12655	26.459	0
"2013-03-28	08:00:00"	3.604	243.21	45.339	88.038	3.408	26.474	0
"2013-03-28	09:00:00"	4.5497	240.39	47.121	87.332	74.821	26.497	0
"2013-03-28	10:00:00"	6.6139	230.66	50.892	80.251	264.34	26.512	0
"2013-03-28	11:00:00"	6.5704	222.95	56.413	66.363	547.81	26.521	0
"2013-03-28	12:00:00"	3.6406	233.99	64.73	45.829	724.98	26.524	0
"2013-03-28	13:00:00"	3.6214	127.54	71.725	29.715	896.46	26.509	0
"2013-03-28	14:00:00"	4.4329	242.45	77.457	16.674	976.53	26.491	0
"2013-03-28	15:00:00"	3.8755	104.08	78.527	15.134	867.49	26.471	0
"2013-03-28	16:00:00"	8.0536	189.81	80.343	11.954	739.38	26.45	0
"2013-03-28	17:00:00"	5.035	214.88	81.143	11.884	691.81	26.429	0
"2013-03-28	18:00:00"	9.3473	180.92	81.05	12.169	501.25	26.42	0
"2013-03-28	19:00:00"	6.7611	175.45	79.984	13.311	227.59	26.423	0
"2013-03-28	20:00:00"	7.2912	196.63	79.215	13.51	74.873	26.432	0
"2013-03-28	21:00:00"	3.7804	202.05	75.16	14.805	0.98401	26.441	0
"2013-03-28	22:00:00"	4.9442	190.11	69.851	24.079	0.08585	26.468	0
"2013-03-28	23:00:00"	9.9997	170.86	66.376	44.239	0.10705	26.485	0
"2013-03-29	01:00:00"	11.051	182.16	61.323	63.037	0.11719	26.497	0
"2013-03-29	02:00:00"	7.6783	181.48	57.914	73.519	0.11299	26.494	0
"2013-03-29	03:00:00"	6.8618	182.98	55.846	79.153	0.12062	26.491	0
"2013-03-29	04:00:00"	6.1317	204.07	55.261	81.622	0.11299	26.485	0
"2013-03-29	05:00:00"	3.4915	198.71	54.399	83.682	0.06847	26.48	0
"2013-03-29	06:00:00"	4.5702	181.24	53.049	86.567	0.10005	26.477	0
"2013-03-29	07:00:00"	5.6135	209.03	53.424	86.469	0.07801	26.483	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-29	08:00:00"	5.5687	193.7	52.248	88.297	2.3687	26.5	0
"2013-03-29	09:00:00"	6.2156	193.85	52.567	90.4	54.732	26.518	0
"2013-03-29	10:00:00"	10.927	192.45	54.879	88.697	166.34	26.524	0
"2013-03-29	11:00:00"	8.8508	185.4	58.145	80.506	409.75	26.518	0
"2013-03-29	12:00:00"	6.484	207.53	64.189	63.735	677.59	26.521	0
"2013-03-29	13:00:00"	5.1822	197.52	69.768	46.745	747.91	26.506	0
"2013-03-29	14:00:00"	7.7752	225.85	75.265	30.381	530.98	26.485	0
"2013-03-29	15:00:00"	8.5277	278.57	78.69	19.709	634.69	26.468	0
"2013-03-29	16:00:00"	7.915	256.53	81.41	13.989	666.44	26.441	0
"2013-03-29	17:00:00"	9.2385	257.79	81.101	11.927	482.56	26.426	0
"2013-03-29	18:00:00"	9.717	250.16	82.432	10.674	535.22	26.418	0
"2013-03-29	19:00:00"	8.2686	267.17	81.107	10.823	192.65	26.412	0
"2013-03-29	20:00:00"	10.154	298.77	79.98	11.51	88.658	26.423	0
"2013-03-29	21:00:00"	6.4343	330.91	74.008	14.977	1.9542	26.423	0
"2013-03-29	22:00:00"	9.7679	247.19	74.462	15.037	0.10726	26.438	0
"2013-03-29	23:00:00"	11.95	187.72	69.557	37.265	0.14245	26.462	0
"2013-03-30	00:00:00"	11.103	191.92	65.029	55.488	0.11447	26.474	0
"2013-03-30	01:00:00"	8.4656	198.57	61.959	66.191	0.1115	26.474	0
"2013-03-30	02:00:00"	9.8313	194.06	59.522	73.888	0.11447	26.471	0
"2013-03-30	03:00:00"	6.5561	208.47	57.432	79.99	0.08182	26.468	0
"2013-03-30	04:00:00"	5.3283	227.88	55.682	83.576	0.12083	26.459	0
"2013-03-30	05:00:00"	3.6872	232.92	52.683	89.405	0.10027	26.456	0
"2013-03-30	06:00:00"	3.3579	243.34	52.567	90.957	0.07186	26.45	0
"2013-03-30	07:00:00"	3.0596	265.75	51.327	91.423	0.08988	26.453	0
"2013-03-30	08:00:00"	3.7257	284.06	49.697	91.995	4.4213	26.462	0
"2013-03-30	09:00:00"	4.9088	293.04	50.769	92.477	103.88	26.474	0
"2013-03-30	10:00:00"	5.7297	285.15	53.316	91.411	277.7	26.485	0
"2013-03-30	11:00:00"	7.1122	300.16	63.933	59.684	527.04	26.483	0
"2013-03-30	12:00:00"	7.2091	330.42	75.385	26.154	717.05	26.48	0
"2013-03-30	13:00:00"	7.531	354.42	78.941	14.579	858.99	26.471	0
"2013-03-30	14:00:00"	5.9583	351.96	80.66	11.005	806.06	26.453	0
"2013-03-30	15:00:00"	6.5256	315.95	82.017	9.8847	887.72	26.429	0
"2013-03-30	16:00:00"	7.1451	256.13	82.577	9.8569	700.09	26.409	0
"2013-03-30	17:00:00"	7.3639	299.6	82.72	9.4989	473.39	26.385	0
"2013-03-30	18:00:00"	8.1213	277.13	82.596	8.5678	318.17	26.37	0
"2013-03-30	19:00:00"	8.1418	292.22	81.822	8.5047	198.3	26.364	0
"2013-03-30	20:00:00"	4.1209	258.31	79.178	9.4008	49.774	26.37	0
"2013-03-30	21:00:00"	1.1551	239.78	74.632	11.371	0.76546	26.37	0
"2013-03-30	22:00:00"	0.74937	344.71	70.864	13.14	0.12104	26.385	0
"2013-03-30	23:00:00"	1.528	325.32	68.861	14.794	0.12168	26.403	0
"2013-03-31	00:00:00"	8.7576	267.33	75.432	12.935	0.10917	26.409	0
"2013-03-31	01:00:00"	6.7083	269.29	73.583	14.824	0.10853	26.403	0
"2013-03-31	02:00:00"	9.6586	266.46	74.468	14.482	0.11256	26.4	0
"2013-03-31	03:00:00"	7.5031	287.48	72.214	15.076	0.09836	26.394	0
"2013-03-31	04:00:00"	3.5294	268.16	68.635	17.169	0.0956	26.376	0
"2013-03-31	05:00:00"	3.5667	283.63	65.676	19.779	0.11956	26.373	0
"2013-03-31	06:00:00"	5.7216	300.44	65.34	20.665	0.13249	26.382	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-03-31	07:00:00"	4.9418	310.61	64.151	20.874	0.1168	26.397	0
"2013-03-31	08:00:00"	12.144	347.29	63.004	24.303	3.4205	26.432	0
"2013-03-31	09:00:00"	22.112	16.981	57.499	45.346	78.57	26.474	0
"2013-03-31	10:00:00"	24.091	43.41	55.823	61.094	311.57	26.488	0
"2013-03-31	11:00:00"	24.384	56.704	57.824	56.352	548.36	26.5	0
"2013-03-31	12:00:00"	20.83	57.908	60.592	51.759	701.71	26.515	0
"2013-03-31	13:00:00"	17.083	54.767	63.646	45.7	877.95	26.524	0
"2013-03-31	14:00:00"	13.337	48.036	66.002	41.115	882.26	26.509	0
"2013-03-31	15:00:00"	10.394	61.483	68.415	36.362	967.75	26.485	0
"2013-03-31	16:00:00"	7.9455	83.642	70.209	32.652	899.44	26.462	0
"2013-03-31	17:00:00"	5.5737	66.13	71.756	29.473	762.51	26.441	0
"2013-03-31	18:00:00"	5.2177	106.15	72.69	27.306	572.65	26.423	0
"2013-03-31	19:00:00"	3.942	0.81948	73.312	26.477	348.75	26.426	0
"2013-03-31	20:00:00"	3.7102	18.704	72.584	27.561	122.17	26.429	0
"2013-03-31	21:00:00"	3.4871	72.357	68.165	31.752	2.824	26.438	0
"2013-03-31	22:00:00"	4.0855	87.451	64.368	36.503	0.11108	26.45	0
"2013-03-31	23:00:00"	4.6646	96.667	60.995	40.901	0.09327	26.456	0
"2013-04-01	00:00:00"	8.9577	112	61.725	42.191	0.13016	26.453	0
"2013-04-01	01:00:00"	10.286	125.35	61.039	44.585	0.10853	26.45	0
"2013-04-01	02:00:00"	10.339	125.73	59.612	48.37	0.12274	26.447	0
"2013-04-01	03:00:00"	8.4189	131.38	57.769	52.277	0.11277	26.444	0
"2013-04-01	04:00:00"	7.9094	134.32	56.862	55.231	0.12825	26.441	0
"2013-04-01	05:00:00"	5.8241	166.53	55.269	59.039	0.10048	26.441	0
"2013-04-01	06:00:00"	3.0037	167.3	53.647	63.173	0.12443	26.441	0
"2013-04-01	07:00:00"	3.2964	169.68	52.624	65.786	0.12189	26.447	0
"2013-04-01	08:00:00"	1.0955	21.505	50.659	70.789	6.6343	26.45	0
"2013-04-01	09:00:00"	3.1187	132.6	54.411	66.19	114.87	26.462	0
"2013-04-01	10:00:00"	10.846	164.01	63.456	55.239	326.59	26.459	0
"2013-04-01	11:00:00"	14.318	188.95	69.058	46.087	561.11	26.462	0
"2013-04-01	12:00:00"	14.016	190.26	72.585	39.141	758.61	26.456	0
"2013-04-01	13:00:00"	13.86	197.5	76.176	31.255	887.99	26.444	0
"2013-04-01	14:00:00"	13.705	210.34	79.402	23.392	974.99	26.42	0
"2013-04-01	15:00:00"	11.767	200.26	81.236	17.446	989.23	26.388	0
"2013-04-01	16:00:00"	10.89	211.04	83.056	14.417	908.62	26.353	0
"2013-04-01	17:00:00"	11.855	207.88	83.645	12.628	791.28	26.335	0
"2013-04-01	18:00:00"	10.548	227.48	84.373	11.772	564.98	26.308	0
"2013-04-01	19:00:00"	8.4146	218.53	83.833	11.77	337.1	26.294	0
"2013-04-01	20:00:00"	9.8786	197.06	82.331	12.392	118.87	26.296	0
"2013-04-01	21:00:00"	7.9722	165.63	77.054	15.866	3.4548	26.302	0
"2013-04-01	22:00:00"	9.1497	165.93	73.166	28.626	0.11807	26.335	0
"2013-04-01	23:00:00"	14.473	185.76	71.314	38.014	0.07504	26.347	0
"2013-04-02	00:00:00"	14.341	192.58	68.726	50.18	0.09179	26.347	0
"2013-04-02	01:00:00"	8.7943	191.35	66.087	57.979	0.09412	26.335	0
"2013-04-02	02:00:00"	4.029	191.72	63.413	62.531	0.10726	26.329	0
"2013-04-02	03:00:00"	4.4322	190.99	61.965	67.95	0.10323	26.32	0
"2013-04-02	04:00:00"	5.4811	125.03	58.657	73.999	0.08606	26.338	0
"2013-04-02	05:00:00"	14.498	66.344	53.619	75.702	0.11065	26.329	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-02	06:00:00"	13.486	46.212	49.592	84.133	0.08585	26.356	0
"2013-04-02	07:00:00"	15.706	42.309	49.285	84.503	0.11193	26.373	0
"2013-04-02	08:00:00"	17.529	36.446	47.203	83.721	1.5163	26.4	0
"2013-04-02	09:00:00"	18.009	36.321	43.734	90.111	19.273	26.432	0
"2013-04-02	10:00:00"	16.873	21.794	42.187	90.244	55.313	26.453	0
"2013-04-02	11:00:00"	15.848	23.42	41.875	88.705	103.22	26.462	0
"2013-04-02	12:00:00"	17.456	18.117	41.405	84.966	178.6	26.468	0
"2013-04-02	13:00:00"	16.893	15.609	40.807	80.969	223.72	26.462	0
"2013-04-02	14:00:00"	15.575	25.219	42.639	75.064	416.6	26.444	0
"2013-04-02	15:00:00"	13.797	36.241	44.738	69.751	474.52	26.415	0
"2013-04-02	16:00:00"	13.101	26.42	45.59	68.245	295.18	26.409	0
"2013-04-02	17:00:00"	12.015	41.697	46.359	67.677	257.59	26.388	0
"2013-04-02	18:00:00"	13.723	56.232	46.766	68.286	218.16	26.37	0
"2013-04-02	19:00:00"	14.559	43.512	46.03	71.398	148.97	26.35	0
"2013-04-02	20:00:00"	15.739	46.96	44.779	74.329	44.808	26.379	0
"2013-04-02	21:00:00"	12.055	46.807	43.39	77.89	0.58019	26.406	0
"2013-04-02	22:00:00"	14.447	44.663	41.65	84.024	0.1132	26.42	0
"2013-04-02	23:00:00"	14.825	42.847	40.214	89.342	0.09857	26.459	0
"2013-04-03	00:00:00"	14.446	38.456	39.49	89.48	0.08818	26.465	0
"2013-04-03	01:00:00"	13.355	30.351	39.404	86.183	0.10992	26.477	0
"2013-04-03	02:00:00"	14.04	27.204	39.161	83.204	0.12952	26.465	0
"2013-04-03	03:00:00"	12.586	35.287	38.53	84.006	0.11468	26.477	0
"2013-04-03	04:00:00"	11.526	27.689	38.38	84.091	0.13969	26.494	0
"2013-04-03	05:00:00"	9.5772	20.158	38.149	83.282	0.1115	26.5	0
"2013-04-03	06:00:00"	9.2174	6.3729	38.31	82.86	0.12464	26.506	0
"2013-04-03	07:00:00"	9.9165	356.4	38.188	84.345	0.0884	26.509	0
"2013-04-03	08:00:00"	10.991	351.36	37.983	82.977	2.0757	26.512	0
"2013-04-03	09:00:00"	11.567	359.02	38.086	81.354	37.53	26.533	0
"2013-04-03	10:00:00"	11.315	355.31	39.349	75.185	108.29	26.547	0
"2013-04-03	11:00:00"	11.563	3.48	42.02	67.097	340.48	26.556	0
"2013-04-03	12:00:00"	12.194	358.74	45.365	59.646	558.07	26.55	0
"2013-04-03	13:00:00"	8.7564	9.3966	47.812	55.174	666.89	26.539	0
"2013-04-03	14:00:00"	7.2172	353.68	51.439	48.527	787.57	26.53	0
"2013-04-03	15:00:00"	7.1377	356.41	54.822	42.922	893.73	26.509	0
"2013-04-03	16:00:00"	6.2348	24.68	57.286	39.224	911.28	26.494	0
"2013-04-03	17:00:00"	8.222	6.0772	58.724	37.645	691.87	26.494	0
"2013-04-03	18:00:00"	9.4759	350.93	59.126	36.657	589.88	26.494	0
"2013-04-03	19:00:00"	8.6905	6.2415	58.356	37.31	359.59	26.506	0
"2013-04-03	20:00:00"	8.3755	15.875	56.972	38.327	131.76	26.521	0
"2013-04-03	21:00:00"	4.746	38.854	52.959	43.037	2.9308	26.533	0
"2013-04-03	22:00:00"	5.611	54.974	48.828	49.526	0.10705	26.55	0
"2013-04-03	23:00:00"	8.3674	73.783	47.234	54.069	0.10154	26.565	0
"2013-04-04	00:00:00"	8.8993	63.695	44.531	60.136	0.13694	26.565	0
"2013-04-04	01:00:00"	8.0138	78.545	42.913	63.406	0.1204	26.562	0
"2013-04-04	02:00:00"	7.1514	70.944	40.295	68.322	0.16047	26.565	0
"2013-04-04	03:00:00"	3.3529	45.807	36.454	74.339	0.12973	26.568	0
"2013-04-04	04:00:00"	4.1551	42.79	33.584	79.351	0.16789	26.556	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-04	05:00:00"	3.732	49.572	33.186	80.73	0.14181	26.559	0
"2013-04-04	06:00:00"	1.8157	356.42	31.056	83.294	0.13567	26.562	0
"2013-04-04	07:00:00"	2.4439	11.119	29.803	85.511	0.13567	26.577	0
"2013-04-04	08:00:00"	3.3654	16.744	29.619	86.896	9.5997	26.595	0
"2013-04-04	09:00:00"	5.0468	24.442	34.439	82.216	134.44	26.621	0
"2013-04-04	10:00:00"	3.3678	73.901	40.307	69.431	358.2	26.642	0
"2013-04-04	11:00:00"	2.5128	176.22	45.357	57.711	588.71	26.642	0
"2013-04-04	12:00:00"	5.9881	232.38	50.328	49.412	787.41	26.633	0
"2013-04-04	13:00:00"	5.9894	222.8	55.762	41.319	933.57	26.615	0
"2013-04-04	14:00:00"	7.0445	219.59	62.016	33.313	1010.7	26.589	0
"2013-04-04	15:00:00"	5.0225	254.8	67.254	24.806	1012	26.562	0
"2013-04-04	16:00:00"	5.5638	290.05	71.142	18.987	935.08	26.539	0
"2013-04-04	17:00:00"	6.2205	341.07	72.824	17.095	794.86	26.518	0
"2013-04-04	18:00:00"	6.3299	320.32	74.558	15.162	602.43	26.509	0
"2013-04-04	19:00:00"	5.7682	330.24	75.106	14.176	363.71	26.509	0
"2013-04-04	20:00:00"	3.955	42.206	73.069	15.291	102.16	26.512	0
"2013-04-04	21:00:00"	3.1504	114.09	68.424	17.837	4.2799	26.518	0
"2013-04-04	22:00:00"	3.4175	168.19	63.831	21.803	0.09327	26.542	0
"2013-04-04	23:00:00"	6.287	113.17	61.623	24.523	0.13482	26.556	0
"2013-04-05	00:00:00"	9.6493	139.62	61.578	25.052	0.14181	26.565	0
"2013-04-05	01:00:00"	5.8893	131.06	57.824	28.29	0.11362	26.571	0
"2013-04-05	02:00:00"	4.9567	112.53	54.339	32.511	0.15581	26.571	0
"2013-04-05	03:00:00"	5.7626	122.17	53.565	33.823	0.1611	26.553	0
"2013-04-05	04:00:00"	5.3848	121.86	52.396	36.382	0.13588	26.547	0
"2013-04-05	05:00:00"	4.5031	112.06	49.101	41.222	0.14669	26.545	0
"2013-04-05	06:00:00"	4.0426	140.93	49.854	43.412	0.14224	26.533	0
"2013-04-05	07:00:00"	4.3055	141.25	50.397	45.908	0.12931	26.545	0
"2013-04-05	08:00:00"	5.1779	133.04	50.444	47.517	8.3974	26.545	0
"2013-04-05	09:00:00"	5.8092	122.49	50.62	47.35	141.82	26.559	0
"2013-04-05	10:00:00"	12.212	164.4	59.487	34.345	369.16	26.556	0
"2013-04-05	11:00:00"	18.364	179.34	65.965	23.029	543.71	26.539	0
"2013-04-05	12:00:00"	21.314	175.31	71.049	15.55	751.58	26.533	0
"2013-04-05	13:00:00"	21.936	180.46	74.329	12.786	918.68	26.497	0
"2013-04-05	14:00:00"	19.447	180.11	76.714	13.251	910.48	26.471	0
"2013-04-05	15:00:00"	20.241	189.62	78.84	13.463	1018.2	26.432	0
"2013-04-05	16:00:00"	20.66	186.74	80.115	11.034	732.11	26.4	0
"2013-04-05	17:00:00"	18.122	182.95	80.37	10.451	460.08	26.361	0
"2013-04-05	18:00:00"	19.51	174.38	81.049	9.5003	435.27	26.35	0
"2013-04-05	19:00:00"	18.256	167.73	79.726	10.05	179.69	26.344	0
"2013-04-05	20:00:00"	18.7	155.16	76.99	11.116	57.519	26.335	0
"2013-04-05	21:00:00"	15.999	150.75	73.412	13.575	1.6096	26.335	0
"2013-04-05	22:00:00"	14.78	149.29	69.681	17.897	0.09751	26.335	0
"2013-04-05	23:00:00"	12.912	160.77	66.506	29.555	0.10048	26.358	0
"2013-04-06	00:00:00"	13.345	171.48	64.012	39.984	0.1221	26.338	0
"2013-04-06	01:00:00"	15.449	178.59	61.64	45.722	0.10684	26.341	0
"2013-04-06	02:00:00"	12.078	179.11	59.053	50.498	0.10429	26.335	0
"2013-04-06	03:00:00"	12.253	184.78	57.377	52.596	0.14224	26.317	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-06	04:00:00"	11.792	191.96	55.927	53.754	0.09899	26.311	0
"2013-04-06	05:00:00"	10.675	196.75	54.292	55.365	0.12104	26.305	0
"2013-04-06	06:00:00"	7.6136	198.43	52.296	58.548	0.13842	26.311	0
"2013-04-06	07:00:00"	5.8434	206.39	50.866	60.931	0.12761	26.329	0
"2013-04-06	08:00:00"	4.4223	229.11	48.983	65.181	12.414	26.347	0
"2013-04-06	09:00:00"	6.1304	225.03	50.54	62.067	148.51	26.364	0
"2013-04-06	10:00:00"	8.1866	221.87	56.38	50.132	382.31	26.37	0
"2013-04-06	11:00:00"	8.0468	224.65	64.951	34.721	610.49	26.379	0
"2013-04-06	12:00:00"	7.7889	263.81	73.239	21.279	547.5	26.382	0
"2013-04-06	13:00:00"	11.724	292.17	77.987	13.803	715.45	26.376	0
"2013-04-06	14:00:00"	8.8676	278.74	78.427	12.72	733.94	26.353	0
"2013-04-06	15:00:00"	8.2189	279.99	80.621	10.576	997.45	26.335	0
"2013-04-06	16:00:00"	9.5225	287.12	80.99	10.02	852.31	26.311	0
"2013-04-06	17:00:00"	10.245	284.66	81.337	9.1761	643.54	26.302	0
"2013-04-06	18:00:00"	7.7839	271.53	81.474	9.4875	513.13	26.294	0
"2013-04-06	19:00:00"	7.8206	276.88	81.396	9.3344	352.19	26.291	0
"2013-04-06	20:00:00"	4.9679	296.37	80.297	9.417	151.46	26.285	0
"2013-04-06	21:00:00"	1.8915	76.143	75.225	11.415	5.2749	26.291	0
"2013-04-06	22:00:00"	1.9095	92.809	67.399	15.099	0.09878	26.302	0
"2013-04-06	23:00:00"	2.9068	139.12	68.516	14.644	0.08924	26.308	0
"2013-04-07	00:00:00"	2.0387	137.89	67.166	14.785	0.10133	26.305	0
"2013-04-07	01:00:00"	1.2558	101.73	62.16	17.499	0.10133	26.294	0
"2013-04-07	02:00:00"	3.3548	97.676	59.278	21.354	0.09581	26.291	0
"2013-04-07	03:00:00"	4.449	147.14	57.564	28.173	0.17149	26.288	0
"2013-04-07	04:00:00"	5.3711	183.84	57.214	37.678	0.12443	26.27	0
"2013-04-07	05:00:00"	4.5484	192.64	56.469	47.526	0.11087	26.264	0
"2013-04-07	06:00:00"	5.606	204.42	55.619	52.145	0.09433	26.261	0
"2013-04-07	07:00:00"	7.0495	184.57	53.292	58.675	0.13927	26.261	0
"2013-04-07	08:00:00"	5.4563	188.75	52.052	70.852	7.2932	26.279	0
"2013-04-07	09:00:00"	3.8103	227.68	53.176	70.921	123.06	26.296	0
"2013-04-07	10:00:00"	5.5426	226.25	59.96	50.288	374.98	26.302	0
"2013-04-07	11:00:00"	7.4378	240.94	70.595	24.786	607.38	26.305	0
"2013-04-07	12:00:00"	13.041	263.68	79.269	13.915	804.27	26.302	0
"2013-04-07	13:00:00"	12.87	262.07	81.604	12.91	946.14	26.279	0
"2013-04-07	14:00:00"	14.066	256.13	83.443	11.481	1018.9	26.249	0
"2013-04-07	15:00:00"	15.189	245.19	84.614	10.823	1019.4	26.226	0
"2013-04-07	16:00:00"	15.202	242.48	85.236	10.603	942.42	26.205	0
"2013-04-07	17:00:00"	15.839	230.56	85.255	10.096	794.52	26.181	0
"2013-04-07	18:00:00"	13.937	232.98	85.726	9.8158	602.53	26.169	0
"2013-04-07	19:00:00"	13.162	247.86	85.292	9.3447	373.84	26.167	0
"2013-04-07	20:00:00"	10.922	246.32	83.112	9.6481	144.17	26.169	0
"2013-04-07	21:00:00"	7.1029	231.46	77.908	11.559	5.3665	26.175	0
"2013-04-07	22:00:00"	7.3825	221.16	74.377	12.749	0.07674	26.193	0
"2013-04-07	23:00:00"	7.3745	193.8	71.301	13.931	0.10535	26.202	0
"2013-04-08	00:00:00"	6.315	207.34	69.72	13.93	0.09242	26.199	0
"2013-04-08	01:00:00"	6.456	205.54	67.985	14.476	0.09666	26.193	0
"2013-04-08	02:00:00"	4.4813	220.41	65.697	15.594	0.11235	26.187	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-08	03:00:00"	3.8786	225.24	63.534	16.796	0.12062	26.169	0
"2013-04-08	04:00:00"	5.6104	206.07	62.789	17.3	0.13122	26.158	0
"2013-04-08	05:00:00"	3.6661	176.63	59.136	21.556	0.1257	26.14	0
"2013-04-08	06:00:00"	5.9229	178.53	55.674	39.835	0.1115	26.146	0
"2013-04-08	07:00:00"	6.2162	181.45	54.513	57.747	0.11956	26.158	0
"2013-04-08	08:00:00"	7.7615	181.53	54.219	68.083	14.24	26.169	0
"2013-04-08	09:00:00"	8.6346	196.79	58.717	58.532	152.62	26.187	0
"2013-04-08	10:00:00"	7.6435	215.78	63.373	40.433	378.77	26.19	0
"2013-04-08	11:00:00"	8.3512	228.21	72.74	20.4	609.64	26.187	0
"2013-04-08	12:00:00"	12.37	250.15	79.791	13.026	808.99	26.178	0
"2013-04-08	13:00:00"	14.427	239.8	80.97	12.644	952.85	26.149	0
"2013-04-08	14:00:00"	17.778	220.86	81.668	11.837	1029.9	26.116	0
"2013-04-08	15:00:00"	18.827	223.3	83.66	10.77	1029.9	26.084	0
"2013-04-08	16:00:00"	20.882	207.65	84.372	10.159	933.95	26.045	0
"2013-04-08	17:00:00"	21.282	212.13	85.608	9.0422	800.91	26.025	0
"2013-04-08	18:00:00"	20.293	216.07	86.064	8.2825	610.08	26.01	0
"2013-04-08	19:00:00"	18.155	220.72	85.813	7.9953	378.96	26.004	0
"2013-04-08	20:00:00"	14.876	220.28	84.591	8.1228	144.09	25.998	0
"2013-04-08	21:00:00"	10.132	204.9	80.911	8.9197	3.9267	25.986	0
"2013-04-08	22:00:00"	6.0105	172.61	74.042	11.373	0.09327	25.989	0
"2013-04-08	23:00:00"	10.397	162.4	72.884	11.996	0.08606	25.989	0
"2013-04-09	00:00:00"	15.113	160.79	72.136	22.038	0.11574	25.995	0
"2013-04-09	01:00:00"	17.581	188.66	71.851	38.945	0.12197	26.016	0
"2013-04-09	02:00:00"	14.638	184.51	70.374	47.255	0.08034	26.013	0
"2013-04-09	03:00:00"	14.092	172.6	68.415	60.918	0.10387	25.989	0
"2013-04-09	04:00:00"	15.88	174.97	66.557	69.105	0.09433	25.978	0
"2013-04-09	05:00:00"	16.07	166.4	64.691	76.572	0.08225	25.966	0
"2013-04-09	06:00:00"	15.345	176.16	62.961	81.088	0.09984	25.995	0
"2013-04-09	07:00:00"	10.607	184.97	61.366	83.032	0.07674	26.007	0
"2013-04-09	08:00:00"	12.39	187.04	60.197	83.973	14.896	26.031	0
"2013-04-09	09:00:00"	13.883	189.87	61.59	77.632	156.41	26.045	0
"2013-04-09	10:00:00"	14.323	198.87	67.956	45.445	381.69	26.075	0
"2013-04-09	11:00:00"	15.495	227.11	73.385	24.93	606.07	26.087	0
"2013-04-09	12:00:00"	15.196	281.18	74.39	17.809	769.36	26.105	0
"2013-04-09	13:00:00"	13.838	271.01	75.036	16.169	884.49	26.102	0
"2013-04-09	14:00:00"	14.404	273.12	76.776	14.772	942.21	26.096	0
"2013-04-09	15:00:00"	17.636	296.48	75.179	17.319	936.98	26.102	0
"2013-04-09	16:00:00"	20.084	298.61	72.828	19.817	876.55	26.11	0
"2013-04-09	17:00:00"	20.806	312.4	69.514	21.569	723.99	26.116	0
"2013-04-09	18:00:00"	19.385	313.4	67.573	22.054	516.66	26.128	0
"2013-04-09	19:00:00"	16.889	310.81	66.407	21.861	244.68	26.146	0
"2013-04-09	20:00:00"	14.277	328.25	65.228	21.437	76.356	26.169	0
"2013-04-09	21:00:00"	9.8052	13.88	59.251	27.463	3.1964	26.19	0
"2013-04-09	22:00:00"	12.506	40.092	53.3	32.81	0.14393	26.255	0
"2013-04-09	23:00:00"	15.692	34.882	47.673	39.306	0.11744	26.276	0
"2013-04-10	00:00:00"	17.567	28.327	42.99	42.001	0.1344	26.299	0
"2013-04-10	01:00:00"	16.678	29.451	38.683	42.289	0.14351	26.329	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-10	02:00:00"	18.353	18.983	35.692	42.77	0.15729	26.358	0
"2013-04-10	03:00:00"	14.388	7.0743	34.386	44.081	0.15517	26.37	0
"2013-04-10	04:00:00"	13.1	8.0269	34.079	42.852	0.19205	26.356	0
"2013-04-10	05:00:00"	13.396	17.681	34.15	40.819	0.15814	26.397	0
"2013-04-10	06:00:00"	15.217	17.311	33.311	41.025	0.18739	26.358	0
"2013-04-10	07:00:00"	15.309	28.167	31.797	41.336	0.19036	26.426	0
"2013-04-10	08:00:00"	14.291	29.147	30.229	46.142	4.6413	26.453	0
"2013-04-10	09:00:00"	13.379	20.591	29.697	47.527	49.437	26.462	0
"2013-04-10	10:00:00"	14.91	13.547	29.61	52.034	218.51	26.465	0
"2013-04-10	11:00:00"	12.263	18.878	31.665	49.192	414.94	26.462	0
"2013-04-10	12:00:00"	12.688	7.716	35.849	36.834	780.17	26.456	0
"2013-04-10	13:00:00"	10.812	5.1919	39.336	35.021	946.36	26.435	0
"2013-04-10	14:00:00"	8.4071	356.99	43.658	32.234	1022.2	26.423	0
"2013-04-10	15:00:00"	9.0428	345.19	47.202	29.277	1009.5	26.394	0
"2013-04-10	16:00:00"	8.8278	346.87	50.167	26.256	949.18	26.373	0
"2013-04-10	17:00:00"	8.3525	336.13	52.457	24.025	803.28	26.353	0
"2013-04-10	18:00:00"	6.4349	2.2774	53.224	23.186	587.52	26.353	0
"2013-04-10	19:00:00"	5.0934	15.492	53.818	22.865	364.36	26.341	0
"2013-04-10	20:00:00"	7.728	43.596	53.446	23.941	129.81	26.344	0
"2013-04-10	21:00:00"	4.6	63.22	51.211	25.135	5.032	26.358	0
"2013-04-10	22:00:00"	4.2781	74.076	47.89	27.537	0.14605	26.367	0
"2013-04-10	23:00:00"	5.181	89.164	46.574	28.812	0.15538	26.373	0
"2013-04-11	00:00:00"	6.896	65.819	44.694	31.081	0.14923	26.376	0
"2013-04-11	01:00:00"	3.8749	49.419	40.719	35.232	0.18824	26.391	0
"2013-04-11	02:00:00"	5.1406	62.405	38.738	37.146	0.13291	26.388	0
"2013-04-11	03:00:00"	5.9235	54.368	36.385	39.947	0.14881	26.394	0
"2013-04-11	04:00:00"	7.6348	69.814	37.62	40.604	0.1982	26.373	0
"2013-04-11	05:00:00"	7.1793	73.2	36.462	43.711	0.16768	26.344	0
"2013-04-11	06:00:00"	5.9676	52.322	33.152	50.086	0.13906	26.332	0
"2013-04-11	07:00:00"	5.1064	90.378	34.17	54.129	0.16322	26.329	0
"2013-04-11	08:00:00"	2.7347	30.226	32.861	58.749	16.485	26.338	0
"2013-04-11	09:00:00"	2.6464	89.667	37.433	56.494	162.67	26.344	0
"2013-04-11	10:00:00"	7.0538	133.93	43.837	36.637	393.21	26.338	0
"2013-04-11	11:00:00"	9.1727	169.79	48.087	32.714	625.69	26.338	0
"2013-04-11	12:00:00"	10.005	201.71	52	32.734	823.69	26.329	0
"2013-04-11	13:00:00"	8.2835	247.07	56.363	28.661	966.12	26.305	0
"2013-04-11	14:00:00"	9.3951	265.52	60.136	22.484	1039.5	26.288	0
"2013-04-11	15:00:00"	11.339	280.6	62.879	17.329	1038.3	26.27	0
"2013-04-11	16:00:00"	11.045	309.32	64.765	14.738	962.94	26.249	0
"2013-04-11	17:00:00"	13.043	312.34	68.044	11.429	820.86	26.229	0
"2013-04-11	18:00:00"	10.632	319.33	69.029	11.557	623.99	26.223	0
"2013-04-11	19:00:00"	7.4161	336.93	69.156	11.575	391.85	26.223	0
"2013-04-11	20:00:00"	5.3196	12.674	68.174	12.297	156.82	26.232	0
"2013-04-11	21:00:00"	3.6649	74.243	63.763	14.719	6.9209	26.252	0
"2013-04-11	22:00:00"	3.8531	95.831	59.174	17.021	0.08755	26.267	0
"2013-04-11	23:00:00"	4.3434	102.99	56.275	18.533	0.1327	26.282	0
"2013-04-12	00:00:00"	7.2812	121.56	57.791	17.778	0.12994	26.279	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-12	01:00:00"	8.7048	130.8	57.679	17.654	0.11341	26.279	0
"2013-04-12	02:00:00"	7.3042	137.95	55.703	18.612	0.1416	26.282	0
"2013-04-12	03:00:00"	7.1066	150.61	55.366	18.562	0.13206	26.276	0
"2013-04-12	04:00:00"	4.7429	178.47	52.703	20.374	0.14097	26.267	0
"2013-04-12	05:00:00"	3.7028	181.92	50.705	21.98	0.13863	26.267	0
"2013-04-12	06:00:00"	4.8759	194.43	50.359	21.951	0.14563	26.279	0
"2013-04-12	07:00:00"	3.4741	178.29	49.039	22.981	0.15453	26.288	0
"2013-04-12	08:00:00"	2.2152	36.117	44.451	27.086	20.154	26.32	0
"2013-04-12	09:00:00"	3.1025	62.387	46.182	29.415	171.68	26.335	0
"2013-04-12	10:00:00"	3.9376	95.522	55.335	23.881	405.42	26.361	0
"2013-04-12	11:00:00"	4.2154	91.03	59.281	22.563	488.49	26.347	0
"2013-04-12	12:00:00"	8.7029	145.73	63.925	21.043	607.37	26.347	0
"2013-04-12	13:00:00"	9.4976	161.83	68.894	18.444	850.94	26.335	0
"2013-04-12	14:00:00"	6.1876	190.44	72.633	13.935	803.98	26.317	0
"2013-04-12	15:00:00"	4.9511	249.19	75.112	11.337	833.28	26.296	0
"2013-04-12	16:00:00"	8.9129	208.7	76.116	10.286	490.86	26.276	0
"2013-04-12	17:00:00"	5.9304	253.13	77.522	9.4653	669.78	26.258	0
"2013-04-12	18:00:00"	6.7114	243.91	78.514	8.6808	575.8	26.249	0
"2013-04-12	19:00:00"	7.1557	336.82	77.063	9.677	235.05	26.246	0
"2013-04-12	20:00:00"	7.0495	355.27	73.14	11.653	52.074	26.249	0
"2013-04-12	21:00:00"	4.0694	26.379	65.286	15.314	2.9675	26.255	0
"2013-04-12	22:00:00"	4.372	28.117	59.39	19.778	0.11616	26.276	0
"2013-04-12	23:00:00"	4.6982	79.496	57.864	23.319	0.12719	26.296	0
"2013-04-13	00:00:00"	6.5381	120.64	62.382	22.549	0.10429	26.314	0
"2013-04-13	01:00:00"	1.9455	96.955	59.752	27.536	0.09475	26.308	0
"2013-04-13	02:00:00"	1.2775	350.14	55.353	33.532	0.12888	26.302	0
"2013-04-13	03:00:00"	1.2726	5.8127	55.939	36.629	0.12973	26.299	0
"2013-04-13	04:00:00"	0.92957	321.02	56.008	40.253	0.11701	26.294	0
"2013-04-13	05:00:00"	1.0744	343.76	55.761	42.496	0.14097	26.294	0
"2013-04-13	06:00:00"	2.9279	125.49	56.151	44.247	0.14203	26.294	0
"2013-04-13	07:00:00"	1.5976	116.96	52.589	48.71	0.13249	26.294	0
"2013-04-13	08:00:00"	4.623	72.033	51.789	51.547	8.9053	26.305	0
"2013-04-13	09:00:00"	6.0814	79.239	54.137	50.054	177.31	26.317	0
"2013-04-13	10:00:00"	8.4687	114.53	58.538	52.794	297.88	26.305	0
"2013-04-13	11:00:00"	11.285	142.83	61.843	52.37	616.02	26.311	0
"2013-04-13	12:00:00"	8.7191	162.12	64.858	47.826	907.65	26.302	0
"2013-04-13	13:00:00"	10.136	147.07	67.17	42.942	922.57	26.294	0
"2013-04-13	14:00:00"	8.6172	149.96	67.844	42.596	1077	26.279	0
"2013-04-13	15:00:00"	8.9446	150.18	69.296	41.259	912.12	26.246	0
"2013-04-13	16:00:00"	11.305	145.51	70.999	41.118	940.69	26.217	0
"2013-04-13	17:00:00"	15.078	155.5	71.363	40.47	790.97	26.202	0
"2013-04-13	18:00:00"	14.938	155.93	69.846	43.739	591.31	26.193	0
"2013-04-13	19:00:00"	17.019	168.49	70.034	44.546	365.03	26.187	0
"2013-04-13	20:00:00"	17.475	169.92	67.748	50.811	139.18	26.187	0
"2013-04-13	21:00:00"	13.299	164.95	64.967	56.234	7.2482	26.178	0
"2013-04-13	22:00:00"	10.655	164.57	62.191	62.381	0.09581	26.193	0
"2013-04-13	23:00:00"	12.342	173.08	60.078	69.124	0.12994	26.187	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-14	00:00:00"	11.632	175.61	58.261	74.714	0.10663	26.178	0
"2013-04-14	01:00:00"	10.398	183.59	56.55	81.455	0.08967	26.167	0
"2013-04-14	02:00:00"	9.3976	180.22	54.957	85.587	0.08161	26.155	0
"2013-04-14	03:00:00"	11.951	181.52	53.996	87.123	0.08924	26.128	0
"2013-04-14	04:00:00"	10.147	189.32	53.708	88.155	0.09687	26.125	0
"2013-04-14	05:00:00"	8.8707	192.95	53.162	88.391	0.06953	26.119	0
"2013-04-14	06:00:00"	7.9678	195.43	51.709	89.911	0.07546	26.113	0
"2013-04-14	07:00:00"	4.8964	219.28	49.349	92.018	0.08394	26.125	0
"2013-04-14	08:00:00"	5.0828	190.35	48.715	92.586	14.596	26.137	0
"2013-04-14	09:00:00"	10.62	178.62	49.144	92.767	151.46	26.149	0
"2013-04-14	10:00:00"	7.5807	214.93	56.543	65.401	391.91	26.167	0
"2013-04-14	11:00:00"	13.584	253.87	71.542	24.843	622.35	26.172	0
"2013-04-14	12:00:00"	17.123	267.06	76.832	15.327	827.11	26.175	0
"2013-04-14	13:00:00"	15.082	259.75	80.107	12.122	970.21	26.164	0
"2013-04-14	14:00:00"	15.252	246.37	82.185	10.818	1038.8	26.137	0
"2013-04-14	15:00:00"	15.527	239.68	83.603	9.9844	1039.2	26.116	0
"2013-04-14	16:00:00"	15.051	247.66	84.596	9.4644	962.58	26.093	0
"2013-04-14	17:00:00"	15.484	247.92	85.44	9.3528	807.78	26.078	0
"2013-04-14	18:00:00"	15.956	257.1	85.284	9.4308	596.83	26.078	0
"2013-04-14	19:00:00"	14.766	253.84	84.393	9.3481	364.84	26.084	0
"2013-04-14	20:00:00"	12.683	243.68	82.136	9.8433	139.48	26.093	0
"2013-04-14	21:00:00"	8.2325	235.33	77.684	11.423	7.5147	26.102	0
"2013-04-14	22:00:00"	10.381	221.37	75.488	13.365	0.07949	26.125	0
"2013-04-14	23:00:00"	9.2416	216.42	73.608	14.346	0.08225	26.134	0
"2013-04-15	00:00:00"	10.404	215.16	73.414	13.369	0.10281	26.143	0
"2013-04-15	01:00:00"	3.0004	275.08	68.857	15.335	0.09005	26.134	0
"2013-04-15	02:00:00"	6.2852	219.52	66.126	16.869	0.11404	26.152	0
"2013-04-15	03:00:00"	8.6588	210.62	64.773	18.174	0.1291	26.164	0
"2013-04-15	04:00:00"	8.1667	210.2	64.511	19.549	0.11616	26.164	0
"2013-04-15	05:00:00"	4.3682	237.22	60.144	23.182	0.10599	26.161	0
"2013-04-15	06:00:00"	4.8908	262.07	59.565	23.987	0.11659	26.167	0
"2013-04-15	07:00:00"	5.1543	278.57	56.879	25.829	0.13588	26.172	0
"2013-04-15	08:00:00"	6.013	301.14	56.136	26.426	24.93	26.193	0
"2013-04-15	09:00:00"	9.4479	272.85	64.07	20.688	184.58	26.211	0
"2013-04-15	10:00:00"	12.779	263.49	71.178	16.94	417.95	26.22	0
"2013-04-15	11:00:00"	14.704	263.95	74.374	15.125	647.03	26.229	0
"2013-04-15	12:00:00"	14.177	244.75	77.717	12.786	841.66	26.237	0
"2013-04-15	13:00:00"	13.162	247.09	80.224	11.106	983.39	26.226	0
"2013-04-15	14:00:00"	13.062	236.06	82.252	10.016	1055.2	26.211	0
"2013-04-15	15:00:00"	15.077	232.52	83.681	9.5664	1052.1	26.196	0
"2013-04-15	16:00:00"	14.615	228.89	84.845	8.7331	974.25	26.175	0
"2013-04-15	17:00:00"	17.517	225.46	85.086	8.5811	825.66	26.167	0
"2013-04-15	18:00:00"	18.885	224.4	85.395	8.3672	629.08	26.146	0
"2013-04-15	19:00:00"	19.841	223.38	85.31	7.9792	397.38	26.158	0
"2013-04-15	20:00:00"	19.372	221.39	83.995	7.9803	162.38	26.169	0
"2013-04-15	21:00:00"	12.276	223.78	80.373	8.8844	9.1427	26.178	0
"2013-04-15	22:00:00"	3.9519	234.18	73.599	11.636	0.07695	26.196	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-15	23:00:00"	4.7361	233.1	71.387	11.961	0.13779	26.217	0
"2013-04-16	00:00:00"	3.2889	229.94	69.968	11.716	0.09052	26.217	0
"2013-04-16	01:00:00"	4.6472	226.37	68.744	11.796	0.10557	26.226	0
"2013-04-16	02:00:00"	4.0128	216.07	68.314	11.671	0.1026	26.229	0
"2013-04-16	03:00:00"	5.8191	213.05	67.868	11.734	0.1151	26.234	0
"2013-04-16	04:00:00"	2.4004	251.06	62.369	14.763	0.09645	26.223	0
"2013-04-16	05:00:00"	3.1653	197.97	59.966	16.347	0.1168	26.226	0
"2013-04-16	06:00:00"	3.645	184.01	60.367	16.208	0.11786	26.234	0
"2013-04-16	07:00:00"	5.3724	189.51	60.527	16.278	0.13334	26.252	0
"2013-04-16	08:00:00"	4.3415	179.09	59.484	17.563	26.823	26.273	0
"2013-04-16	09:00:00"	3.8699	150.39	61.999	17.316	190.09	26.299	0
"2013-04-16	10:00:00"	7.4943	195.88	71.257	12.648	423.22	26.32	0
"2013-04-16	11:00:00"	4.4583	266.62	75.605	10.827	649.34	26.329	0
"2013-04-16	12:00:00"	4.5522	258.91	79.069	9.5231	844.87	26.32	0
"2013-04-16	13:00:00"	4.234	124.58	81.01	8.587	986.27	26.305	0
"2013-04-16	14:00:00"	7.6857	169.06	83.842	7.3061	1060.6	26.282	0
"2013-04-16	15:00:00"	10.617	179.67	85.642	6.5886	1054.1	26.255	0
"2013-04-16	16:00:00"	12.536	190.45	86.896	6.2383	979.07	26.243	0
"2013-04-16	17:00:00"	13.323	190	87.987	6.0467	802.83	26.22	0
"2013-04-16	18:00:00"	11.519	190.67	88.131	5.9486	570.87	26.208	0
"2013-04-16	19:00:00"	14.666	182.77	88.084	5.8286	401.42	26.202	0
"2013-04-16	20:00:00"	10.161	190.87	87.536	5.8081	164.96	26.214	0
"2013-04-16	21:00:00"	5.071	185.94	83.307	6.7783	11.987	26.223	0
"2013-04-16	22:00:00"	1.7703	200.93	75.844	9.2739	0.08331	26.243	0
"2013-04-16	23:00:00"	4.4012	148.4	74.927	14.924	0.09666	26.255	0
"2013-04-17	00:00:00"	5.9608	89.643	72.837	36.496	0.10281	26.246	0
"2013-04-17	01:00:00"	12.274	157.74	73.564	49.956	0.10126	26.234	0
"2013-04-17	02:00:00"	14.07	169.35	72.045	59.191	0.07758	26.217	0
"2013-04-17	03:00:00"	14.27	170.02	70.874	62.36	0.09115	26.205	0
"2013-04-17	04:00:00"	13.417	178.68	70.031	65.516	0.07737	26.217	0
"2013-04-17	05:00:00"	14.26	191.37	68.626	74.301	0.07907	26.202	0
"2013-04-17	06:00:00"	9.8015	186.58	66.742	81.639	0.07059	26.199	0
"2013-04-17	07:00:00"	5.8949	180.63	64.233	86.357	0.0778	26.202	0
"2013-04-17	08:00:00"	5.9304	179.07	62.354	89.23	19.781	0.02599	0
"2013-04-17	09:00:00"	10.74	184.43	64.088	87.161	169.55	26.223	0
"2013-04-17	10:00:00"	14.028	191.48	69.184	62.563	414.06	26.223	0
"2013-04-17	11:00:00"	13.023	206.11	75.093	32.554	649	26.214	0
"2013-04-17	12:00:00"	21.337	219.83	80.23	12.279	852.2	26.202	0
"2013-04-17	13:00:00"	19.515	220.7	83.001	8.9686	993.99	26.181	0
"2013-04-17	14:00:00"	18.98	221.6	84.416	7.3767	1065.8	26.146	0
"2013-04-17	15:00:00"	19.648	221.74	85.98	6.5931	1062.3	26.122	0
"2013-04-17	16:00:00"	20.186	223.77	87.476	5.7211	987.93	26.105	0
"2013-04-17	17:00:00"	19.946	227.16	88.501	5.0125	840.48	26.078	0
"2013-04-17	18:00:00"	18.158	222.9	88.618	4.0817	642.7	26.066	0
"2013-04-17	19:00:00"	18.646	231.2	88.292	3.7992	399.89	26.063	0
"2013-04-17	20:00:00"	15.016	235.27	85.814	4.0242	132.2	26.063	0
"2013-04-17	21:00:00"	8.5967	241.81	81.447	4.6097	6.2668	26.075	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-17	22:00:00"	13.469	267.18	79.121	6.0508	0.09391	26.128	0
"2013-04-17	23:00:00"	22.667	289.82	76.184	11.144	0.09009	26.184	0
"2013-04-18	00:00:00"	25.838	328.55	65.438	19.249	0.10663	26.22	0
"2013-04-18	01:00:00"	22.405	351.31	58.261	27.609	0.13122	26.294	0
"2013-04-18	02:00:00"	17.635	7.0455	48.499	56.233	0.092	26.314	0
"2013-04-18	03:00:00"	18.268	8.9867	43.71	64.325	0.12888	26.329	0
"2013-04-18	04:00:00"	18.327	9.7833	40.811	62.586	0.12062	26.361	0
"2013-04-18	05:00:00"	15.641	16.154	38.566	64.097	0.14415	26.382	0
"2013-04-18	06:00:00"	12.92	7.7071	38.174	64.673	0.17086	26.391	0
"2013-04-18	07:00:00"	17.249	11.96	36.506	57.789	0.15051	26.423	0
"2013-04-18	08:00:00"	14.638	18.626	35.143	58.758	28.324	26.456	0
"2013-04-18	09:00:00"	20.211	14.964	35.852	55.194	190.81	26.462	0
"2013-04-18	10:00:00"	17.866	12.381	37.989	48.217	423.75	26.48	0
"2013-04-18	11:00:00"	15.778	10.533	40.955	40.901	649.43	26.488	0
"2013-04-18	12:00:00"	13.342	11.736	43.702	35.201	844.34	26.5	0
"2013-04-18	13:00:00"	11.008	358.25	46.49	31.684	985.99	26.491	0
"2013-04-18	14:00:00"	10.018	353.17	49.256	28.816	1059.9	26.477	0
"2013-04-18	15:00:00"	9.8145	342.24	52.159	24.951	1052	26.465	0
"2013-04-18	16:00:00"	10.655	347.96	54.777	21.864	974	26.453	0
"2013-04-18	17:00:00"	11.152	333.53	56.345	19.43	838.93	26.441	0
"2013-04-18	18:00:00"	10.932	356.14	56.834	18.154	642.74	26.444	0
"2013-04-18	19:00:00"	9.1988	11.426	57.065	16.374	404.39	26.453	0
"2013-04-18	20:00:00"	10.382	29.044	55.476	16.535	161.41	26.462	0
"2013-04-18	21:00:00"	7.6553	54.436	52.321	18.049	13.25	26.491	0
"2013-04-18	22:00:00"	6.8158	60.974	49.06	19.9	0.15623	26.527	0
"2013-04-18	23:00:00"	7.4937	58.659	45.874	22.748	0.13376	26.568	0
"2013-04-19	00:00:00"	9.1037	49.299	44.017	27.073	0.1611	26.58	0
"2013-04-19	01:00:00"	6.269	56.241	41.456	30.829	0.13461	26.601	0
"2013-04-19	02:00:00"	4.0892	42.618	37.343	35.325	0.15729	26.615	0
"2013-04-19	03:00:00"	4.1824	25.04	34.313	39.454	0.1893	26.618	0
"2013-04-19	04:00:00"	4.0507	38.975	33.842	41.115	0.14796	26.618	0
"2013-04-19	05:00:00"	3.3803	41.979	32.409	43.352	0.19672	26.621	0
"2013-04-19	06:00:00"	3.9824	42.97	31.537	45.086	0.16047	26.627	0
"2013-04-19	07:00:00"	1.4988	12.893	29.714	47.881	0.22173	26.663	0
"2013-04-19	08:00:00"	1.9219	32.917	29.578	47.701	33.272	26.689	0
"2013-04-19	09:00:00"	4.1166	93.235	37.541	36.343	200.05	26.707	0
"2013-04-19	10:00:00"	8.6414	149.03	42.381	31.072	434.26	26.71	0
"2013-04-19	11:00:00"	8.4103	167.84	44.903	27.934	662.91	26.704	0
"2013-04-19	12:00:00"	9.2367	190.64	48.739	24.716	855.36	26.692	0
"2013-04-19	13:00:00"	9.2715	201.07	52.457	21.554	995.31	26.666	0
"2013-04-19	14:00:00"	9.9245	204.93	55.612	17.612	1067.6	26.636	0
"2013-04-19	15:00:00"	9.8556	218.1	58.391	14.571	1064.9	26.609	0
"2013-04-19	16:00:00"	9.8574	211.92	60.436	13.011	989.54	26.571	0
"2013-04-19	17:00:00"	11.338	207.33	61.934	12.465	843.95	26.536	0
"2013-04-19	18:00:00"	11.91	203.82	62.904	11.527	646.95	26.521	0
"2013-04-19	19:00:00"	12.316	204.98	63.476	10.591	415.92	26.5	0
"2013-04-19	20:00:00"	12.966	192.16	62.501	11.711	175.89	26.485	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-19	21:00:00"	7.7168	181.63	59.285	13.117	13.58	26.485	0
"2013-04-19	22:00:00"	5.8222	164.01	55.227	15.283	0.13334	26.485	0
"2013-04-19	23:00:00"	6.5176	159.24	52.898	17.224	0.10769	26.488	0
"2013-04-20	00:00:00"	7.6553	159.65	51.199	19.638	0.16344	26.477	0
"2013-04-20	01:00:00"	6.489	177	49.087	23.828	0.11753	26.459	0
"2013-04-20	02:00:00"	8.1822	179	48.88	26.028	0.15411	26.447	0
"2013-04-20	03:00:00"	12.242	182.5	50.915	25.302	0.13461	26.435	0
"2013-04-20	04:00:00"	11.712	189.17	49.666	27.581	0.15941	26.429	0
"2013-04-20	05:00:00"	7.7609	180.58	46.404	31.582	0.15877	26.415	0
"2013-04-20	06:00:00"	8.4482	184.25	44.69	33.778	0.15411	26.409	0
"2013-04-20	07:00:00"	8.0306	182.61	43.942	34.715	0.15263	26.409	0
"2013-04-20	08:00:00"	7.8995	183.77	43.916	34.964	34.356	26.412	0
"2013-04-20	09:00:00"	12.028	184.63	48.573	30.419	205.86	26.426	0
"2013-04-20	10:00:00"	17.407	189.48	54.444	25.288	441.38	26.415	0
"2013-04-20	11:00:00"	16.669	189.55	59.153	21.389	671.56	26.412	0
"2013-04-20	12:00:00"	15.383	188.32	64.144	17.116	865.84	26.394	0
"2013-04-20	13:00:00"	13.95	202.02	69.011	13.657	1004	26.364	0
"2013-04-20	14:00:00"	13.026	202.75	72.308	11.443	1073.9	26.338	0
"2013-04-20	15:00:00"	13.603	211.37	75.242	9.2467	1068.6	26.308	0
"2013-04-20	16:00:00"	13.981	211.88	78.128	6.8639	986.35	26.279	0
"2013-04-20	17:00:00"	14.091	218.93	79.521	6.0564	842.84	26.249	0
"2013-04-20	18:00:00"	14.687	245.91	81.113	4.48	648.18	26.237	0
"2013-04-20	19:00:00"	14.225	262.47	80.571	4.6647	417.44	26.232	0
"2013-04-20	20:00:00"	11.694	255.79	78.897	4.3903	175.16	26.243	0
"2013-04-20	21:00:00"	9.5206	256.17	75.001	4.6833	14.112	26.267	0
"2013-04-20	22:00:00"	8.9297	316.48	70.124	6.0297	0.09963	26.299	0
"2013-04-20	23:00:00"	4.5397	316.35	62.136	8.3997	0.10663	26.317	0
"2013-04-21	00:00:00"	2.3376	314.75	56.461	11.679	0.10429	26.326	0
"2013-04-21	01:00:00"	5.4618	195.25	57.047	15.688	0.12782	26.353	0
"2013-04-21	02:00:00"	4.0582	237.19	55.483	21.974	0.1151	26.373	0
"2013-04-21	03:00:00"	4.4434	229.91	55.814	25.445	0.15729	26.382	0
"2013-04-21	04:00:00"	3.3219	239.88	53.934	27.375	0.13058	26.385	0
"2013-04-21	05:00:00"	1.5665	264.23	49.036	30.844	0.14033	26.388	0
"2013-04-21	06:00:00"	2.5588	274.56	49.267	27.242	0.12973	26.397	0
"2013-04-21	07:00:00"	2.9304	308.15	43.751	32.879	0.1522	26.42	0
"2013-04-21	08:00:00"	3.6425	269.35	46.53	30.275	34.047	26.453	0
"2013-04-21	09:00:00"	3.3368	262.54	52.121	26.926	204.49	26.477	0
"2013-04-21	10:00:00"	7.1396	277.85	59.478	22.537	440.32	26.485	0
"2013-04-21	11:00:00"	9.5996	287.55	67.87	17.694	673.31	26.494	0
"2013-04-21	12:00:00"	9.8667	295.82	73.257	12.494	834.13	26.491	0
"2013-04-21	13:00:00"	11.654	292.43	75.358	10.417	1007.6	26.483	0
"2013-04-21	14:00:00"	12.048	288.68	76.526	7.845	1084.4	26.462	0
"2013-04-21	15:00:00"	12.897	289.36	77.917	7.3575	1080.6	26.447	0
"2013-04-21	16:00:00"	12.442	293.91	78.73	7.1853	1000.5	26.426	0
"2013-04-21	17:00:00"	12.389	287.79	80.049	7.3375	850.31	26.409	0
"2013-04-21	18:00:00"	11.249	290.68	80.613	7.3581	651.59	26.397	0
"2013-04-21	19:00:00"	7.2955	265.77	80.712	7.2103	419.02	26.394	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-21	20:00:00"	6.3001	242.53	80.087	7.2242	178.19	26.388	0
"2013-04-21	21:00:00"	2.222	178.93	76.059	8.1669	14.21	26.394	0
"2013-04-21	22:00:00"	1.4068	136.25	69.013	10.717	0.10472	26.412	0
"2013-04-21	23:00:00"	2.7608	164.25	66.856	11.866	0.1238	26.423	0
"2013-04-22	00:00:00"	6.2858	170.8	64.705	12.993	0.13715	26.423	0
"2013-04-22	01:00:00"	5.7663	181.47	61.635	14.547	0.11701	26.423	0
"2013-04-22	02:00:00"	8.0449	177.12	60.526	18.905	0.131	26.409	0
"2013-04-22	03:00:00"	8.8067	188.07	59.828	27.096	0.1221	26.391	0
"2013-04-22	04:00:00"	8.6526	191.75	59.359	36.493	0.12719	26.379	0
"2013-04-22	05:00:00"	5.3469	184.98	56.533	42.871	0.11744	26.373	0
"2013-04-22	06:00:00"	6.3324	185.63	54.961	48.493	0.12846	26.37	0
"2013-04-22	07:00:00"	8.7607	194.02	55.905	50.413	0.1168	26.385	0
"2013-04-22	08:00:00"	7.9579	199.58	55.015	52.355	37.864	26.391	0
"2013-04-22	09:00:00"	7.8827	221.49	55.992	51.273	211.98	26.403	0
"2013-04-22	10:00:00"	12.016	198.73	61.996	43.489	448.28	26.412	0
"2013-04-22	11:00:00"	11.019	217.28	68.301	32.421	677.4	26.415	0
"2013-04-22	12:00:00"	9.3392	226.11	74.236	21.288	868.61	26.415	0
"2013-04-22	13:00:00"	8.0182	225.54	79.183	14.423	1007.9	26.391	0
"2013-04-22	14:00:00"	6.4815	203.48	82.597	11.047	1080	26.356	0
"2013-04-22	15:00:00"	9.2392	194.3	85.124	8.0017	1074.2	26.32	0
"2013-04-22	16:00:00"	11.501	238.84	87.893	6.0089	998.97	26.302	0
"2013-04-22	17:00:00"	10.707	237.86	89.129	5.0878	852.33	26.264	0
"2013-04-22	18:00:00"	9.6306	209.79	89.206	4.54	650.69	26.237	0
"2013-04-22	19:00:00"	11.82	234.22	90.033	4.2186	423.86	26.229	0
"2013-04-22	20:00:00"	12.638	230.51	88.128	4.2722	182.55	26.232	0
"2013-04-22	21:00:00"	9.712	218.9	84.289	4.9258	16.225	26.24	0
"2013-04-22	22:00:00"	5.5165	210.55	78.282	6.0578	0.09942	26.252	0
"2013-04-22	23:00:00"	4.4285	224.92	73.81	7.3144	0.10493	26.264	0
"2013-04-23	00:00:00"	8.9651	175.33	72.138	14.848	0.11023	26.27	0
"2013-04-23	01:00:00"	8.6899	178.14	68.597	30.718	0.10557	26.267	0
"2013-04-23	02:00:00"	8.6134	177.23	66.141	37.156	0.09942	26.261	0
"2013-04-23	03:00:00"	14.586	359.11	59.85	44.081	0.08458	26.32	0
"2013-04-23	04:00:00"	23.548	16.557	45.548	64.016	0.11023	26.335	0
"2013-04-23	05:00:00"	24.623	16.185	40.579	69.49	0.09878	26.358	0
"2013-04-23	06:00:00"	24.376	12.867	37.567	72.386	0.13906	26.397	0
"2013-04-23	07:00:00"	22.819	8.6672	35.929	72.112	0.16344	26.423	0
"2013-04-23	08:00:00"	23.076	15.658	34.564	71.04	25.114	26.471	0
"2013-04-23	09:00:00"	20.501	15.146	35.248	68.784	163.77	26.497	0
"2013-04-23	10:00:00"	18.335	18.608	37.507	63.489	395.3	26.524	0
"2013-04-23	11:00:00"	16.71	15.979	40.393	57.063	651.32	26.53	0
"2013-04-23	12:00:00"	15.858	17.011	43.2	52.155	839.97	26.518	0
"2013-04-23	13:00:00"	13.105	13.475	45.783	47.379	979.98	26.509	0
"2013-04-23	14:00:00"	11.3	28.624	48.697	42.195	1043	26.485	0
"2013-04-23	15:00:00"	9.6866	34.782	51.453	38.512	1054.6	26.471	0
"2013-04-23	16:00:00"	9.4007	43.605	53.599	35.657	979.14	26.453	0
"2013-04-23	17:00:00"	8.6458	47.2	55.291	33.368	838.14	26.426	0
"2013-04-23	18:00:00"	9.7555	61.269	56.211	31.959	643.06	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-23	19:00:00"	11.053	57.381	55.935	32.506	406.69	26.432	0
"2013-04-23	20:00:00"	11.661	55.533	54.346	34.926	148.67	26.456	0
"2013-04-23	21:00:00"	12.965	45.335	51.024	39.336	9.0068	26.518	0
"2013-04-23	22:00:00"	20.035	27.534	43.511	47.896	0.1433	26.58	0
"2013-04-23	23:00:00"	17.093	36.707	39.304	54.35	0.17955	26.598	0
"2013-04-24	00:00:00"	13.926	59.582	37.324	58.306	0.16365	26.607	0
"2013-04-24	01:00:00"	13.692	38.651	35.943	61.604	0.1486	26.648	0
"2013-04-24	02:00:00"	14.87	42.324	34.306	65.024	0.13757	26.654	0
"2013-04-24	03:00:00"	12.623	39.243	32.898	66.438	0.15814	26.642	0
"2013-04-24	04:00:00"	8.2164	26.293	31.94	68.433	0.13143	26.651	0
"2013-04-24	05:00:00"	5.304	22.013	30.966	70.229	0.2071	26.657	0
"2013-04-24	06:00:00"	8.3251	16.285	30.005	70.444	0.12698	26.651	0
"2013-04-24	07:00:00"	7.2644	21.75	29.252	70.982	0.19205	26.663	0
"2013-04-24	08:00:00"	6.4989	5.4144	29.141	70.758	37.973	26.677	0
"2013-04-24	09:00:00"	10.361	19.889	32.559	59.613	209.37	26.701	0
"2013-04-24	10:00:00"	8.2798	40.283	36.229	50.634	442.95	26.692	0
"2013-04-24	11:00:00"	4.9529	67.098	40.096	44.218	668.08	26.695	0
"2013-04-24	12:00:00"	4.2527	104.09	44.507	37.829	858.63	26.686	0
"2013-04-24	13:00:00"	4.0476	136.67	48.535	32.543	997.45	26.666	0
"2013-04-24	14:00:00"	5.122	137.11	51.843	29.187	1041.5	26.636	0
"2013-04-24	15:00:00"	5.88	147.4	54.552	26.904	978.02	26.615	0
"2013-04-24	16:00:00"	5.9459	152.94	57.477	25.409	914.24	26.589	0
"2013-04-24	17:00:00"	6.904	142.19	59.583	25.479	807.05	26.559	0
"2013-04-24	18:00:00"	7.6329	149.63	61.141	25.447	646.65	26.542	0
"2013-04-24	19:00:00"	8.2767	143.95	61.99	25.798	418.38	26.545	0
"2013-04-24	20:00:00"	9.2062	135.93	61.501	25.865	183.27	26.553	0
"2013-04-24	21:00:00"	9.1677	128.31	59.356	27.6	14.843	26.571	0
"2013-04-24	22:00:00"	8.8856	122.94	56.487	29.84	0.10938	26.595	0
"2013-04-24	23:00:00"	9.2628	113.79	54.308	31.436	0.11765	26.612	0
"2013-04-25	00:00:00"	7.5354	104.98	51.512	33.735	0.13312	26.618	0
"2013-04-25	01:00:00"	5.6029	97.557	47.813	37.287	0.11415	26.633	0
"2013-04-25	02:00:00"	5.3183	91.794	46.477	37.833	0.13588	26.627	0
"2013-04-25	03:00:00"	5.9092	90.845	45.061	39.103	0.10641	26.621	0
"2013-04-25	04:00:00"	6.0161	86.154	44.106	40.878	0.12592	26.63	0
"2013-04-25	05:00:00"	7.4993	78.051	45.538	39.34	0.13291	26.627	0
"2013-04-25	06:00:00"	9.1205	76.92	45.304	38.875	0.11956	26.624	0
"2013-04-25	07:00:00"	8.4469	77.318	44.868	39.101	0.14033	26.604	0
"2013-04-25	08:00:00"	8.281	94.077	45.999	40.337	12.347	26.636	0
"2013-04-25	09:00:00"	8.2574	107.53	50.137	39.494	83.556	26.648	0
"2013-04-25	10:00:00"	9.8904	123.45	52.637	40.994	190.75	26.663	0
"2013-04-25	11:00:00"	10.48	126.97	54.631	43.074	433.98	26.654	0
"2013-04-25	12:00:00"	13.089	135.54	57.519	41.597	655.58	26.636	0
"2013-04-25	13:00:00"	14.297	141.65	60.968	41.439	941.23	26.595	0
"2013-04-25	14:00:00"	17.62	149.63	64.33	40.027	1051.3	26.577	0
"2013-04-25	15:00:00"	16.788	149.72	66.993	37.4	1041.6	26.539	0
"2013-04-25	16:00:00"	17.428	144.16	70.19	32.258	990.72	26.494	0
"2013-04-25	17:00:00"	17.933	143.17	72.428	29.743	829.47	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-25	18:00:00"	19.331	141.82	73.082	29.725	623.09	26.423	0
"2013-04-25	19:00:00"	21.309	145.63	73.676	30.438	410.41	26.4	0
"2013-04-25	20:00:00"	19.693	151.69	72.089	33.637	181.1	26.406	0
"2013-04-25	21:00:00"	13.457	142.79	69.03	39.156	13.372	26.429	0
"2013-04-25	22:00:00"	11.705	136.13	65.898	46.833	0.10175	26.462	0
"2013-04-25	23:00:00"	13.364	137.15	62.722	53.614	0.09709	26.45	0
"2013-04-26	00:00:00"	11.881	135.92	59.587	58.893	0.11765	26.438	0
"2013-04-26	01:00:00"	14.021	149.86	57.262	60.898	0.10281	26.45	0
"2013-04-26	02:00:00"	8.5389	167.8	54.848	64.809	0.09963	26.453	0
"2013-04-26	03:00:00"	11.356	175.1	53.698	65.661	0.10429	26.423	0
"2013-04-26	04:00:00"	9.5206	177.97	52.179	68.643	0.11277	26.423	0
"2013-04-26	05:00:00"	7.4838	190.54	51.17	70.725	0.11934	26.423	0
"2013-04-26	06:00:00"	9.8046	195.25	50.207	72.962	0.092	26.432	0
"2013-04-26	07:00:00"	8.5662	198.77	49.02	76.192	0.12655	26.441	0
"2013-04-26	08:00:00"	3.9867	232.5	47.464	79.627	38.105	26.471	0
"2013-04-26	09:00:00"	5.8365	242.11	50.895	73.704	221.7	26.485	0
"2013-04-26	10:00:00"	7.4714	255.05	57.723	58.858	460.19	26.497	0
"2013-04-26	11:00:00"	7.8914	285.96	68.329	33.737	690.38	26.506	0
"2013-04-26	12:00:00"	11.579	294.83	74.804	16.412	886.46	26.512	0
"2013-04-26	13:00:00"	12.554	277.3	77.336	12.689	1026.3	26.503	0
"2013-04-26	14:00:00"	13.935	279.31	79.492	9.8767	1098.6	26.491	0
"2013-04-26	15:00:00"	13.126	276.63	80.675	8.9175	1092.3	26.48	0
"2013-04-26	16:00:00"	10.659	264.79	82.23	8.8394	1006.2	26.462	0
"2013-04-26	17:00:00"	10.264	274.67	83.665	7.2347	861.86	26.444	0
"2013-04-26	18:00:00"	10.422	274.37	84.366	6.6594	665.7	26.441	0
"2013-04-26	19:00:00"	8.9372	260.09	84.423	6.6947	433.44	26.438	0
"2013-04-26	20:00:00"	6.5468	229.67	83.133	6.6642	193.88	26.447	0
"2013-04-26	21:00:00"	2.4016	287.23	77.833	8.1661	19.004	26.459	0
"2013-04-26	22:00:00"	3.8202	359.41	69.877	10.092	0.10705	26.48	0
"2013-04-26	23:00:00"	12.216	30.423	69.788	18.457	0.09984	26.521	0
"2013-04-27	00:00:00"	13.515	36.945	66.791	28.415	0.09348	26.539	0
"2013-04-27	01:00:00"	11.866	35.621	62.909	33.079	0.09428	26.55	0
"2013-04-27	02:00:00"	8.9676	40.034	59.059	38.008	0.08924	26.547	0
"2013-04-27	03:00:00"	7.316	75.251	56.298	41.34	0.10981	26.568	0
"2013-04-27	04:00:00"	6.791	64.456	54.765	44.252	0.09242	26.562	0
"2013-04-27	05:00:00"	7.1874	29.232	51.41	50.718	0.1062	26.562	0
"2013-04-27	06:00:00"	7.9672	359.91	51.059	53.547	0.09581	26.571	0
"2013-04-27	07:00:00"	7.1383	2.4153	50.083	57.346	0.15135	26.574	0
"2013-04-27	08:00:00"	7.1563	0.63495	49.291	60.182	38.412	26.589	0
"2013-04-27	09:00:00"	10.519	4.1825	54.734	53.219	219.51	26.607	0
"2013-04-27	10:00:00"	10.673	19.431	60.459	44.338	450.64	26.609	0
"2013-04-27	11:00:00"	9.2081	51.399	65.098	36.489	673.89	26.607	0
"2013-04-27	12:00:00"	9.0907	77.837	69.146	28.077	863.84	26.609	0
"2013-04-27	13:00:00"	8.8601	87.585	72.023	23.511	998.81	26.589	0
"2013-04-27	14:00:00"	8.427	83.526	74.864	19.556	1068.5	26.556	0
"2013-04-27	15:00:00"	8.3829	86.697	77.075	16.602	1065	26.536	0
"2013-04-27	16:00:00"	7.7187	86.497	78.451	16.436	984.41	26.506	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-27	17:00:00"	9.0117	116.42	79.454	15.701	840.76	26.48	0
"2013-04-27	18:00:00"	8.7986	114.45	79.975	14.429	649.67	26.468	0
"2013-04-27	19:00:00"	8.4966	107.18	79.954	13.995	421.27	26.465	0
"2013-04-27	20:00:00"	8.99	125.04	78.571	14.93	183.22	26.465	0
"2013-04-27	21:00:00"	7.7093	118.02	75.609	16.247	14.975	26.465	0
"2013-04-27	22:00:00"	6.4685	106.98	70.684	18.441	0.09645	26.471	0
"2013-04-27	23:00:00"	6.3722	102.97	66.236	21.609	0.09603	26.48	0
"2013-04-28	00:00:00"	9.0888	108.79	65.744	23.881	0.10875	26.48	0
"2013-04-28	01:00:00"	8.9496	109.52	64.761	26.099	0.12931	26.48	0
"2013-04-28	02:00:00"	10.022	132.45	63.163	29.999	0.14266	26.474	0
"2013-04-28	03:00:00"	7.7765	143.31	60.594	35.294	0.13991	26.462	0
"2013-04-28	04:00:00"	6.479	156.62	58.362	40.347	0.10684	26.45	0
"2013-04-28	05:00:00"	3.7388	174.93	55.761	45.018	0.11235	26.456	0
"2013-04-28	06:00:00"	5.107	154.07	55.652	50.694	0.14775	26.456	0
"2013-04-28	07:00:00"	2.1096	165.43	54.988	55.953	0.21156	26.462	0
"2013-04-28	08:00:00"	1.2024	174.33	54.84	58.307	37.489	26.471	0
"2013-04-28	09:00:00"	6.9823	176.02	60.077	57.383	213.43	26.474	0
"2013-04-28	10:00:00"	15.03	188.3	65.76	59.377	442.42	26.474	0
"2013-04-28	11:00:00"	14.923	188.39	69.284	56.816	665.53	26.468	0
"2013-04-28	12:00:00"	12.408	190.79	72.854	48.011	852.92	26.462	0
"2013-04-28	13:00:00"	10.426	184.47	76.643	35.69	991.05	26.444	0
"2013-04-28	14:00:00"	10.717	179.84	79.811	22.658	1071.7	26.418	0
"2013-04-28	15:00:00"	9.9581	171.42	81.453	16.982	1091.3	26.388	0
"2013-04-28	16:00:00"	8.9359	148.32	81.573	14.993	698.39	26.367	0
"2013-04-28	17:00:00"	17.28	313.19	78.995	19.887	489.79	26.364	0
"2013-04-28	18:00:00"	13.832	300.78	79.936	17.581	415.86	26.353	0
"2013-04-28	19:00:00"	7.0644	283.53	80.932	15.601	433.46	26.338	0
"2013-04-28	20:00:00"	8.4022	175.69	79.73	16.768	190.47	26.323	0
"2013-04-28	21:00:00"	10.021	152.06	74.673	22.819	23.276	26.329	0
"2013-04-28	22:00:00"	6.146	130.08	71.048	25.318	0.09942	26.329	0
"2013-04-28	23:00:00"	7.1079	154.43	69.224	26.185	0.10154	26.335	0
"2013-04-29	00:00:00"	10.648	160.08	66.23	30.138	0.10917	26.341	0
"2013-04-29	01:00:00"	9.5399	184.95	64.648	39.371	0.10217	26.356	0
"2013-04-29	02:00:00"	7.4533	180.51	60.994	48.797	0.10366	26.356	0
"2013-04-29	03:00:00"	6.983	180.86	59.04	53.598	0.10684	26.356	0
"2013-04-29	04:00:00"	6.1988	181.49	56.534	59.47	0.10917	26.364	0
"2013-04-29	05:00:00"	6.9538	182.93	56.001	61.48	0.14139	26.361	0
"2013-04-29	06:00:00"	11.907	185.99	57.65	58.173	0.12401	26.35	0
"2013-04-29	07:00:00"	8.4699	201.12	56.446	60.892	0.21813	26.35	0
"2013-04-29	08:00:00"	6.407	180.03	53.756	69.461	37.549	26.353	0
"2013-04-29	09:00:00"	9.2665	180.52	57.627	64.674	225.86	26.358	0
"2013-04-29	10:00:00"	10.653	190.46	64.979	48.145	459.56	26.35	0
"2013-04-29	11:00:00"	8.501	219.63	70.411	38.105	683.68	26.353	0
"2013-04-29	12:00:00"	11.053	204.51	76.615	26.024	873.36	26.341	0
"2013-04-29	13:00:00"	13.891	190.75	80.139	18.988	1009.3	26.323	0
"2013-04-29	14:00:00"	12.657	188.1	81.802	16.766	1079	26.299	0
"2013-04-29	15:00:00"	10.908	191.71	83.987	14.526	1071.4	26.279	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-04-29	16:00:00"	12.416	185.42	84.824	14.468	987.75	26.249	0
"2013-04-29	17:00:00"	11.952	188.28	85.515	13.795	844.18	26.226	0
"2013-04-29	18:00:00"	12.994	174.62	85.451	13.262	648.79	26.217	0
"2013-04-29	19:00:00"	13.671	169.94	85.125	12.833	421.71	26.196	0
"2013-04-29	20:00:00"	13.31	159.73	83.871	13.029	187.84	26.19	0
"2013-04-29	21:00:00"	10.084	160.25	80.64	13.888	18.637	26.199	0
"2013-04-29	22:00:00"	8.9129	160.94	75.844	17.519	0.08288	26.208	0
"2013-04-29	23:00:00"	12.483	169.45	73.849	24.974	0.11065	26.223	0
"2013-04-30	00:00:00"	13.924	174.44	71.542	34.327	0.09539	26.217	0
"2013-04-30	01:00:00"	14.669	178.69	69.512	41.998	0.0814	26.223	0
"2013-04-30	02:00:00"	12.242	185.06	67.683	44.497	0.08924	26.229	0
"2013-04-30	03:00:00"	12.787	184.84	66.291	46.153	0.07334	26.217	0
"2013-04-30	04:00:00"	13.502	188.05	65.815	47.519	0.10323	26.208	0
"2013-04-30	05:00:00"	13.246	186.35	64.429	52.949	0.09073	26.205	0
"2013-04-30	06:00:00"	11.873	188.44	62.517	59.708	0.12316	26.199	0
"2013-04-30	07:00:00"	11.866	189.96	61.245	65.861	0.20371	26.202	0
"2013-04-30	08:00:00"	10.548	192.73	59.993	71.478	38.341	26.205	0
"2013-04-30	09:00:00"	11.553	194.65	61.851	69.917	228.5	26.208	0
"2013-04-30	10:00:00"	11.63	202.51	66.908	56.371	468.45	26.223	0
"2013-04-30	11:00:00"	9.4722	222.71	73.031	38.357	694.07	26.22	0
"2013-04-30	12:00:00"	6.8633	242.42	80.766	22.146	882.41	26.214	0
"2013-04-30	13:00:00"	4.9032	273.29	87.077	11.803	1020.1	26.196	0
"2013-04-30	14:00:00"	4.7025	232.7	90.665	8.1456	1089.6	26.178	0
"2013-04-30	15:00:00"	6.652	243.53	92.504	6.0261	837.83	26.164	0
"2013-04-30	16:00:00"	8.2276	282.81	93.538	4.9161	787.99	26.155	0
"2013-04-30	17:00:00"	8.0666	296.59	92.372	5.2572	453.71	26.14	0
"2013-04-30	18:00:00"	9.1279	186.13	92.343	4.7444	468.58	26.125	0
"2013-04-30	19:00:00"	5.7794	267.99	93.451	4.5253	390.99	26.128	0
"2013-04-30	20:00:00"	6.3324	263.58	92.038	5.0533	150.96	26.131	0
"2013-04-30	21:00:00"	8.711	311.16	89.504	6.11	34.952	26.143	0
"2013-04-30	22:00:00"	2.7036	206.63	83.889	7.4483	0.08712	26.167	0
"2013-04-30	23:00:00"	2.9341	190.97	81.247	8.0575	0.08416	26.184	0
"2013-05-01	00:00:00"	10.948	158.09	78.092	14.179	0.08246	26.217	0
"2013-05-01	01:00:00"	10.549	158.11	76.397	29.439	0.11108	26.217	0
"2013-05-01	02:00:00"	11.192	130.03	74.13	39.764	0.10366	26.232	0
"2013-05-01	03:00:00"	14.072	128.01	73.476	39.273	0.085	26.234	0
"2013-05-01	04:00:00"	11.861	142.41	71.66	38.429	0.10239	26.229	0
"2013-05-01	05:00:00"	9.1602	150.78	68.864	42.906	0.1009	26.237	0
"2013-05-01	06:00:00"	7.9032	201.65	66.027	50.8	0.07737	26.258	0
"2013-05-01	07:00:00"	5.0486	230.96	63.272	55.382	0.34468	26.279	0
"2013-05-01	08:00:00"	4.1992	231.82	61.471	63.144	45.404	26.311	0
"2013-05-01	09:00:00"	7.728	232.55	66.278	56.918	243.27	26.326	0
"2013-05-01	10:00:00"	6.553	243.42	72.227	42.103	470.71	26.332	0
"2013-05-01	11:00:00"	15.389	327.43	82.024	13.564	701.98	26.347	0
"2013-05-01	12:00:00"	17.438	355.46	82.445	12.191	884.13	26.361	0
"2013-05-01	13:00:00"	17.084	9.93	79.966	19.766	1008.2	26.364	0
"2013-05-01	14:00:00"	15.048	22.351	81.208	16.916	1060.2	26.373	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-01	15:00:00"	14.71	19.584	81.938	15.778	1042.3	26.385	0
"2013-05-01	16:00:00"	16.027	38.493	81.956	16.227	962.53	26.373	0
"2013-05-01	17:00:00"	17.672	47.369	81.938	16.924	819.17	26.361	0
"2013-05-01	18:00:00"	18.476	51.905	81.311	17.996	627.12	26.361	0
"2013-05-01	19:00:00"	19.043	61.602	79.019	21.786	390.77	26.361	0
"2013-05-01	20:00:00"	19.125	66.218	75.439	26.951	83.56	26.361	0
"2013-05-01	21:00:00"	17.018	54.186	71.471	32.079	12.031	26.391	0
"2013-05-01	22:00:00"	19.939	36.511	63.767	41.476	0.11044	26.459	0
"2013-05-01	23:00:00"	23.625	28.136	53.596	54.467	0.11532	26.491	0
"2013-05-02	00:00:00"	24.895	25.928	46.834	64.246	0.10959	26.568	0
"2013-05-02	01:00:00"	27.044	18.889	43.978	68.445	0.13297	26.601	0
"2013-05-02	02:00:00"	27.204	7.4056	42.653	67.046	0.11065	26.639	0
"2013-05-02	03:00:00"	27.352	8.1907	42.221	65.036	0.10451	26.663	0
"2013-05-02	04:00:00"	24.724	12.862	40.59	67.747	0.12973	26.68	0
"2013-05-02	05:00:00"	22.164	14.101	40.815	59.699	0.11383	26.707	0
"2013-05-02	06:00:00"	21.398	7.0756	39.829	61.429	0.14796	26.734	0
"2013-05-02	07:00:00"	20.752	0.4274	38.497	65.021	0.14754	26.778	0
"2013-05-02	08:00:00"	20.858	4.3962	37.804	66.626	11.792	26.816	0
"2013-05-02	09:00:00"	21.703	5.0072	38.477	61.217	66.332	26.831	0
"2013-05-02	10:00:00"	21.854	8.1237	38.995	60.711	164.85	26.843	0
"2013-05-02	11:00:00"	23.2	10.145	40.791	55.713	376.87	26.866	0
"2013-05-02	12:00:00"	24.411	10.999	42.831	50.166	585.25	26.869	0
"2013-05-02	13:00:00"	22.667	13.637	45.664	44.105	772.47	26.875	0
"2013-05-02	14:00:00"	21.867	12.962	47.261	40.504	756.1	26.875	0
"2013-05-02	15:00:00"	19.391	18.322	50.021	35.974	991.48	26.866	0
"2013-05-02	16:00:00"	19.214	19.996	52.086	32.166	964.25	26.846	0
"2013-05-02	17:00:00"	19	19.268	52.925	29.789	836.65	26.828	0
"2013-05-02	18:00:00"	18.042	23.264	53.534	28.167	628.08	26.825	0
"2013-05-02	19:00:00"	18.417	24.292	52.859	28.13	410.07	26.828	0
"2013-05-02	20:00:00"	15.409	31.417	50.576	30.893	183.06	26.837	0
"2013-05-02	21:00:00"	13.034	38.299	47.813	34.38	20.751	26.855	0
"2013-05-02	22:00:00"	8.524	43.308	45.008	38.199	0.16301	26.863	0
"2013-05-02	23:00:00"	6.0869	33.555	42.392	41.619	0.14775	26.872	0
"2013-05-03	00:00:00"	3.5487	33.926	38.186	47.583	0.15686	26.866	0
"2013-05-03	01:00:00"	3.1441	31.203	36.094	50.676	0.14372	26.863	0
"2013-05-03	02:00:00"	3.018	359.58	33.435	54.616	0.14224	26.855	0
"2013-05-03	03:00:00"	3.2951	335.27	32.599	55.741	0.17933	26.84	0
"2013-05-03	04:00:00"	3.7462	326.48	32.027	56.58	0.12401	26.831	0
"2013-05-03	05:00:00"	2.9695	331.26	31.407	55.533	0.14245	26.825	0
"2013-05-03	06:00:00"	1.6827	334	30.502	55.64	0.14839	26.813	0
"2013-05-03	07:00:00"	2.0251	322.77	29.1	57.172	0.53292	26.81	0
"2013-05-03	08:00:00"	1.774	320.21	30.769	55.066	59.536	26.813	0
"2013-05-03	09:00:00"	2.9658	280.98	41.013	39.403	244.97	26.81	0
"2013-05-03	10:00:00"	5.5712	259.03	44.728	33.422	400.27	26.798	0
"2013-05-03	11:00:00"	5.9664	265.65	48.388	26.766	666.96	26.772	0
"2013-05-03	12:00:00"	5.8589	279.42	51.708	21.276	901.43	26.751	0
"2013-05-03	13:00:00"	6.1174	284.82	54.54	18.407	1039.6	26.707	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-03	14:00:00"	7.152	255.76	57.403	17.595	1107	26.672	0
"2013-05-03	15:00:00"	6.6064	223.14	59.753	16.375	1101.4	26.633	0
"2013-05-03	16:00:00"	6.6903	224.81	62.019	14.741	1022.5	26.586	0
"2013-05-03	17:00:00"	7.1607	228.56	63.744	13.539	877.04	26.545	0
"2013-05-03	18:00:00"	6.8146	222.5	64.731	13.204	680.87	26.521	0
"2013-05-03	19:00:00"	6.5182	243.75	65.257	12.661	449.19	26.5	0
"2013-05-03	20:00:00"	7.0967	219.6	64.473	13.156	213.38	26.497	0
"2013-05-03	21:00:00"	6.5113	198.57	61.82	14.41	28.226	26.5	0
"2013-05-03	22:00:00"	4.1358	171.44	56.744	17.341	0.0797	26.503	0
"2013-05-03	23:00:00"	5.5812	170.81	54.46	18.531	0.13206	26.5	0
"2013-05-04	00:00:00"	5.739	170.79	52.812	20.07	0.10048	26.483	0
"2013-05-04	01:00:00"	3.9985	176.13	50.07	22.056	0.14521	26.471	0
"2013-05-04	02:00:00"	4.7839	185.68	48.866	23.262	0.1221	26.465	0
"2013-05-04	03:00:00"	1.8548	175.9	46.515	25.672	0.16068	26.441	0
"2013-05-04	04:00:00"	2.9354	180.24	46.509	25.559	0.16238	26.438	0
"2013-05-04	05:00:00"	6.4666	192.51	48.685	23.247	0.15962	26.438	0
"2013-05-04	06:00:00"	4.1551	172.95	46.904	24.787	0.12698	26.435	0
"2013-05-04	07:00:00"	3.2131	170.02	45.739	26.174	0.59248	26.429	0
"2013-05-04	08:00:00"	2.6576	162.11	45.803	26.449	63.631	26.447	0
"2013-05-04	09:00:00"	5.6296	164.87	50.149	23.317	254.99	26.456	0
"2013-05-04	10:00:00"	5.9577	171.51	55.961	18.633	484.48	26.468	0
"2013-05-04	11:00:00"	3.9159	144.8	61.452	14.942	722.73	26.468	0
"2013-05-04	12:00:00"	6.5698	119.12	66.497	12.551	863.19	26.462	0
"2013-05-04	13:00:00"	8.1561	136.48	68.929	11.019	803.08	26.447	0
"2013-05-04	14:00:00"	7.6335	142.24	70.414	9.6903	911.77	26.435	0
"2013-05-04	15:00:00"	9.3802	158.42	71.265	9.4378	787.13	26.426	0
"2013-05-04	16:00:00"	10.475	159.53	71.482	9.4417	790.31	26.418	0
"2013-05-04	17:00:00"	7.2135	171.74	72.427	8.2728	839.94	26.403	0
"2013-05-04	18:00:00"	7.0488	142.32	72.939	8.0753	671.73	26.394	0
"2013-05-04	19:00:00"	5.8222	114.38	73.103	8.3328	418.13	26.397	0
"2013-05-04	20:00:00"	5.4886	114.45	72.473	8.2247	170.14	26.409	0
"2013-05-04	21:00:00"	4.3148	96.599	69.828	9.2197	25.557	26.423	0
"2013-05-04	22:00:00"	4.746	91.152	64.265	11.778	0.09518	26.444	0
"2013-05-04	23:00:00"	6.7605	86.54	62.633	13.095	0.11362	26.462	0
"2013-05-05	00:00:00"	7.5211	88.634	59.58	15.971	0.10557	26.474	0
"2013-05-05	01:00:00"	7.4816	85.352	56.321	18.333	0.11394	26.491	0
"2013-05-05	02:00:00"	9.6437	85.905	56.112	20.454	0.12358	26.506	0
"2013-05-05	03:00:00"	8.4649	81.616	53.441	23.278	0.12337	26.506	0
"2013-05-05	04:00:00"	9.356	68.932	51.002	26.062	0.13927	26.509	0
"2013-05-05	05:00:00"	7.2048	56.062	45.429	31.623	0.16577	26.518	0
"2013-05-05	06:00:00"	8.0082	46.826	44.672	31.879	0.15538	26.536	0
"2013-05-05	07:00:00"	8.9757	52.493	45.233	30.2	0.58188	26.559	0
"2013-05-05	08:00:00"	9.4343	50.783	45.446	28.996	80.327	26.586	0
"2013-05-05	09:00:00"	11.62	65.018	50.164	22.985	278.12	26.607	0
"2013-05-05	10:00:00"	11.698	72.107	53.848	20.858	489.85	26.612	0
"2013-05-05	11:00:00"	12.446	83.612	57.951	20.55	709.84	26.612	0
"2013-05-05	12:00:00"	11.254	86.096	60.924	21.466	729.96	26.624	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-05	13:00:00"	8.5904	91.671	63.422	20.665	828.31	26.607	0
"2013-05-05	14:00:00"	7.1079	117.27	65.476	18.733	971.95	26.589	0
"2013-05-05	15:00:00"	5.7315	134.72	67.673	16.818	1077.8	26.562	0
"2013-05-05	16:00:00"	6.7114	111.02	69.762	16.002	1003	26.536	0
"2013-05-05	17:00:00"	6.6319	125.62	71.542	14.976	852.22	26.512	0
"2013-05-05	18:00:00"	7.7951	137.16	72.507	14.276	639.45	26.497	0
"2013-05-05	19:00:00"	8.7974	127.74	73.047	13.923	439.32	26.485	0
"2013-05-05	20:00:00"	9.0677	125.12	72.319	14.176	207.72	26.485	0
"2013-05-05	21:00:00"	8.6271	115.97	69.922	15.477	25.181	26.491	0
"2013-05-05	22:00:00"	5.5718	102.92	64.913	18.259	0.11108	26.503	0
"2013-05-05	23:00:00"	5.2817	97.672	61.021	21.163	0.09645	26.506	0
"2013-05-06	00:00:00"	5.8794	93.408	58.469	23.4	0.13439	26.506	0
"2013-05-06	01:00:00"	6.0205	88.827	56.596	24.86	0.11648	26.506	0
"2013-05-06	02:00:00"	5.9229	92.845	55.013	26.195	0.13651	26.491	0
"2013-05-06	03:00:00"	6.8972	95.084	54.509	27.534	0.11468	26.48	0
"2013-05-06	04:00:00"	8.1816	99.43	55.817	30.086	0.12634	26.468	0
"2013-05-06	05:00:00"	10.288	112.93	58.055	32.591	0.11532	26.488	0
"2013-05-06	06:00:00"	11.574	111.21	58.28	35.404	0.15538	26.474	0
"2013-05-06	07:00:00"	10.101	98.81	58.573	37.706	0.27282	26.465	0
"2013-05-06	08:00:00"	8.7818	94.406	58.201	39.049	17.764	26.483	0
"2013-05-06	09:00:00"	7.2408	97.867	58.034	40.286	116	26.509	0
"2013-05-06	10:00:00"	10.658	131.71	60.334	37.442	122.35	26.512	0
"2013-05-06	11:00:00"	9.3131	139.68	60.159	39.185	147.32	26.539	0
"2013-05-06	12:00:00"	4.8392	163.88	57.955	52.027	162.16	26.536	0.01
"2013-05-06	13:00:00"	9.1528	112.47	60.228	49.215	242.14	26.494	0
"2013-05-06	14:00:00"	10.382	115.01	64.482	40.918	805.96	26.483	0.01
"2013-05-06	15:00:00"	13.397	131.96	69.384	34.634	1005.4	26.468	0
"2013-05-06	16:00:00"	13.185	131.14	71.166	35.222	964.48	26.447	0
"2013-05-06	17:00:00"	13.637	124.74	73.77	32.858	834.08	26.403	0
"2013-05-06	18:00:00"	14.47	135.32	74.935	30.439	651.12	26.391	0
"2013-05-06	19:00:00"	15.728	126.77	74.938	30.656	435.92	26.388	0
"2013-05-06	20:00:00"	16.181	117.11	73.48	32.728	194.02	26.385	0
"2013-05-06	21:00:00"	14.961	112.5	69.917	37.208	23.104	26.4	0
"2013-05-06	22:00:00"	13.29	117.5	66.581	41.166	0.09624	26.415	0
"2013-05-06	23:00:00"	14.447	127.11	64.192	44.903	0.09136	26.441	0
"2013-05-07	00:00:00"	11.721	124.34	61.274	49.707	0.10048	26.444	0
"2013-05-07	01:00:00"	9.4256	116.3	58.638	54.866	0.11002	26.447	0
"2013-05-07	02:00:00"	7.6534	100.06	56.134	59.927	0.09094	26.447	0
"2013-05-07	03:00:00"	8.7489	87.618	53.598	64.586	0.12507	26.435	0
"2013-05-07	04:00:00"	9.1646	79.851	51.14	69.224	0.14393	26.432	0
"2013-05-07	05:00:00"	7.5888	84.883	49.312	75.937	0.13185	26.426	0
"2013-05-07	06:00:00"	5.2375	80.122	48.131	78.128	0.1151	26.429	0
"2013-05-07	07:00:00"	3.0112	110.87	47.928	77.979	0.66201	26.432	0
"2013-05-07	08:00:00"	3.21	97.129	48.877	76.181	64.381	26.441	0
"2013-05-07	09:00:00"	7.1514	150.69	54.837	64.553	252.55	26.453	0
"2013-05-07	10:00:00"	10.713	186.64	60.47	55.673	485.59	26.453	0
"2013-05-07	11:00:00"	7.9107	183.36	65.209	46.656	704.14	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-07	12:00:00"	6.2361	198.03	70.924	35.167	893.27	26.447	0
"2013-05-07	13:00:00"	4.5404	208.95	75.58	27.322	1026.3	26.429	0
"2013-05-07	14:00:00"	5.2984	205.27	79.715	20.698	1113.5	26.403	0
"2013-05-07	15:00:00"	7.8883	200.04	82.249	15.653	962.09	26.388	0
"2013-05-07	16:00:00"	11.138	183.39	82.809	13.981	723.64	26.356	0
"2013-05-07	17:00:00"	11.436	202.72	83.806	12.613	555.89	26.338	0
"2013-05-07	18:00:00"	14.919	205.44	83.939	12.719	549.53	26.329	0
"2013-05-07	19:00:00"	12.941	223.4	83.924	12.994	386.44	26.323	0
"2013-05-07	20:00:00"	13.041	227.23	82.475	12.494	165.67	26.323	0
"2013-05-07	21:00:00"	10.643	222	80.215	13.035	22.952	26.329	0
"2013-05-07	22:00:00"	2.6253	250.1	72.987	16.549	0.08628	26.335	0
"2013-05-07	23:00:00"	3.4057	237.66	70.478	17.961	0.10387	26.356	0
"2013-05-08	00:00:00"	10.015	171.16	72.08	29.507	0.11489	26.364	0
"2013-05-08	01:00:00"	9.6387	160.64	69.685	40.879	0.12528	26.364	0
"2013-05-08	02:00:00"	8.4084	168	66.523	51.744	0.08288	26.364	0
"2013-05-08	03:00:00"	8.4165	172.61	65.254	66.004	0.1185	26.356	0
"2013-05-08	04:00:00"	6.6828	175	62.929	74.394	0.10514	26.35	0
"2013-05-08	05:00:00"	7.0662	175.94	61.146	81.499	0.07483	26.347	0
"2013-05-08	06:00:00"	7.0488	185.16	60.351	85.577	0.06762	26.35	0
"2013-05-08	07:00:00"	7.5714	191.82	59.383	87.888	1.508	26.361	0
"2013-05-08	08:00:00"	6.3137	192.77	58.975	88.938	77.806	26.382	0
"2013-05-08	09:00:00"	6.3026	215.33	61.43	84.936	182.26	26.406	0
"2013-05-08	10:00:00"	7.8976	222.89	65.741	70.983	332.57	26.409	0
"2013-05-08	11:00:00"	8.9981	257.68	72.171	37.692	421.48	26.412	0
"2013-05-08	12:00:00"	12.617	271.49	76.555	19.216	700.23	26.412	0
"2013-05-08	13:00:00"	11.425	266.94	79.66	10.56	945.52	26.403	0
"2013-05-08	14:00:00"	12.33	253.17	81.893	9.6292	1028.3	26.388	0
"2013-05-08	15:00:00"	13.158	261.23	83.645	8.1719	1129.1	26.379	0
"2013-05-08	16:00:00"	11.869	245.77	83.872	7.5278	1032.3	26.353	0
"2013-05-08	17:00:00"	10.673	235.13	84.593	7.7522	811.7	26.32	0
"2013-05-08	18:00:00"	9.6437	240.86	85.424	6.71	692.62	26.308	0
"2013-05-08	19:00:00"	11.565	231.79	84.987	6.1947	460.63	26.305	0
"2013-05-08	20:00:00"	12.077	222.74	83.25	6.6878	193.9	26.311	0
"2013-05-08	21:00:00"	11.228	230.05	79.805	7.9458	25.062	26.341	0
"2013-05-08	22:00:00"	3.425	250.9	73.637	10.516	0.09878	26.347	0
"2013-05-08	23:00:00"	3.448	238.34	71.627	11.779	0.10345	26.364	0
"2013-05-09	00:00:00"	2.2363	225	68.494	13.149	0.08861	26.364	0
"2013-05-09	01:00:00"	5.8414	312.11	67.957	14.14	0.1076	26.356	0
"2013-05-09	02:00:00"	5.7216	312.01	68.585	14.414	0.10917	26.341	0
"2013-05-09	03:00:00"	6.6748	260.18	68.556	14.752	0.08776	26.367	0
"2013-05-09	04:00:00"	3.9345	168.63	69.511	13.767	0.10302	26.376	0
"2013-05-09	05:00:00"	4.9561	208.27	70.655	13.343	0.08098	26.367	0
"2013-05-09	06:00:00"	2.5352	271.62	68.477	15.325	0.09603	26.373	0
"2013-05-09	07:00:00"	4.5776	241.83	68.572	15.497	0.44389	26.385	0
"2013-05-09	08:00:00"	5.2848	229.8	69.654	16.117	29.526	26.391	0
"2013-05-09	09:00:00"	9.6107	223.66	72.571	17.301	150.03	26.403	0
"2013-05-09	10:00:00"	12.201	192.17	74.469	16.25	313.56	26.4	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-09	11:00:00"	9.6723	215.94	77.209	14.758	532.29	26.403	0
"2013-05-09	12:00:00"	7.8765	235.95	79.546	12.113	876.1	26.4	0
"2013-05-09	13:00:00"	8.468	284.27	80.699	10.809	1047.2	26.391	0
"2013-05-09	14:00:00"	8.9856	293.23	81.534	9.4122	1084.9	26.382	0
"2013-05-09	15:00:00"	10.432	263.71	83.06	9.3078	1111	26.373	0
"2013-05-09	16:00:00"	11.666	260.08	83.355	9.425	1033.4	26.353	0
"2013-05-09	17:00:00"	12.049	273.13	83.619	9.6733	887.06	26.344	0
"2013-05-09	18:00:00"	10.054	266.54	83.362	9.575	691.53	26.335	0
"2013-05-09	19:00:00"	8.5389	258.62	83.247	9.835	462.32	26.335	0
"2013-05-09	20:00:00"	6.5225	278.93	81.73	10.564	186.09	26.341	0
"2013-05-09	21:00:00"	4.198	302.94	77.294	12.32	21.446	26.35	0
"2013-05-09	22:00:00"	2.2351	338.72	70.127	15.352	0.11277	26.367	0
"2013-05-09	23:00:00"	3.9606	21.685	67.041	17.271	0.10154	26.382	0
"2013-05-10	00:00:00"	5.7011	18.691	65.423	19.547	0.08924	26.388	0
"2013-05-10	01:00:00"	10.292	49.046	63.901	48.892	0.09327	26.426	0
"2013-05-10	02:00:00"	13.725	55.856	62.981	60.328	0.09984	26.429	0
"2013-05-10	03:00:00"	15.356	47.95	60.884	59.237	0.12719	26.423	0
"2013-05-10	04:00:00"	16.847	37.961	56.846	63.508	0.08437	26.418	0
"2013-05-10	05:00:00"	16.374	37.921	55.035	69.768	0.12888	26.423	0
"2013-05-10	06:00:00"	14.295	43.29	53.922	72.678	0.08182	26.432	0
"2013-05-10	07:00:00"	10.47	40.493	52.85	73.811	0.5874	26.474	0
"2013-05-10	08:00:00"	6.9712	35.032	52.952	72.623	59.804	26.494	0
"2013-05-10	09:00:00"	8.363	350.19	55.806	64.406	127.14	26.562	0
"2013-05-10	10:00:00"	18.631	357.59	59.8	51.684	403.24	26.553	0
"2013-05-10	11:00:00"	22.086	12.514	61.57	46.798	523.46	26.556	0
"2013-05-10	12:00:00"	21.773	22.069	62.099	46.413	541.12	26.547	0
"2013-05-10	13:00:00"	14.379	38.351	61.065	53.266	249.4	26.545	0.01
"2013-05-10	14:00:00"	15.464	54.904	63.607	48.836	784.54	26.536	0
"2013-05-10	15:00:00"	10.182	37.573	66.109	40.432	836.56	26.524	0
"2013-05-10	16:00:00"	10.067	4.306	67.859	38.588	614.7	26.524	0
"2013-05-10	17:00:00"	12.04	347.28	64.361	50.404	116.23	26.527	0
"2013-05-10	18:00:00"	11.996	4.0232	66.726	43.765	665.54	26.512	0
"2013-05-10	19:00:00"	11.617	23.462	65.731	45.475	273.22	26.518	0
"2013-05-10	20:00:00"	9.2031	42.045	64.293	46.302	101.7	26.545	0
"2013-05-10	21:00:00"	6.4411	36.08	63.71	48.735	13.762	26.574	0
"2013-05-10	22:00:00"	3.7605	52.451	60.785	52.797	0.11977	26.589	0
"2013-05-10	23:00:00"	3.1199	47.335	57.227	63.448	0.11214	26.604	0
"2013-05-11	00:00:00"	2.8776	59.552	55.509	69.21	0.10154	26.609	0
"2013-05-11	01:00:00"	2.2922	339.19	53.819	71.453	0.10959	26.624	0
"2013-05-11	02:00:00"	4.0358	16.798	53.445	73.734	0.12782	26.612	0
"2013-05-11	03:00:00"	4.5404	28.185	53.183	74.243	0.11023	26.598	0
"2013-05-11	04:00:00"	4.1265	12.113	52.199	76.271	0.08967	26.604	0
"2013-05-11	05:00:00"	3.5741	9.1882	52.726	75.721	0.10663	26.615	0
"2013-05-11	06:00:00"	3.1125	12.013	51.015	80.147	0.08861	26.627	0
"2013-05-11	07:00:00"	4.7336	6.6679	51.827	84.385	0.6707	26.648	0
"2013-05-11	08:00:00"	4.6789	12.088	53.264	81.103	68.53	26.663	0
"2013-05-11	09:00:00"	6.5499	36.784	57.899	67.89	254.67	26.677	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-11	10:00:00"	7.3154	73.375	61.975	55.991	484.53	26.683	0
"2013-05-11	11:00:00"	7.92	73.486	64.523	44.857	690.67	26.68	0
"2013-05-11	12:00:00"	9.6101	90.293	67.06	36.734	958.6	26.68	0
"2013-05-11	13:00:00"	9.8059	62.765	68.731	33.369	911.33	26.674	0
"2013-05-11	14:00:00"	10.297	55.774	70.339	29.889	1058.9	26.666	0
"2013-05-11	15:00:00"	10.668	67.592	71.944	27.547	1059.3	26.648	0
"2013-05-11	16:00:00"	11.429	58.191	72.963	25.971	764.53	26.633	0
"2013-05-11	17:00:00"	10.048	60.628	73.153	24.967	576	26.615	0
"2013-05-11	18:00:00"	12.691	46	73.192	26.968	629.1	26.618	0
"2013-05-11	19:00:00"	16.331	43.834	67.78	36.714	176.91	26.642	0
"2013-05-11	20:00:00"	6.6269	77.343	65.535	41.824	107.88	26.642	0
"2013-05-11	21:00:00"	4.9722	57.606	65.17	41.394	38.057	26.654	0
"2013-05-11	22:00:00"	3.338	11.714	59.759	54.288	0.1026	26.657	0
"2013-05-11	23:00:00"	3.8401	19.619	56.73	60.633	0.10408	26.683	0
"2013-05-12	00:00:00"	4.0364	12.167	55.544	61.519	0.12422	26.683	0
"2013-05-12	01:00:00"	5.3092	19.796	55.665	59.135	0.12853	26.68	0
"2013-05-12	02:00:00"	4.9629	18.729	53.062	62.702	0.11701	26.68	0
"2013-05-12	03:00:00"	6.0956	14.117	53.48	60.818	0.12507	26.672	0
"2013-05-12	04:00:00"	6.4902	22.701	52.567	64.637	0.08882	0.26666	0
"2013-05-12	05:00:00"	6.036	32.986	51.193	71.121	0.11786	0.26577	0
"2013-05-12	06:00:00"	5.6041	43.429	49.347	74.376	0.11129	26.663	0
"2013-05-12	07:00:00"	5.9645	42.953	47.975	78.424	1.0788	26.677	0
"2013-05-12	08:00:00"	6.6145	49.722	49.138	80.586	71.23	26.692	0
"2013-05-12	09:00:00"	9.1279	76.755	55.404	71.937	261.16	26.701	0
"2013-05-12	10:00:00"	8.0331	93.469	61.22	56.091	494.28	26.704	0
"2013-05-12	11:00:00"	7.4154	134.34	67.361	38.411	714.22	26.698	0
"2013-05-12	12:00:00"	8.4121	165.92	70.377	28.777	868.88	26.698	0
"2013-05-12	13:00:00"	7.5515	137.79	71.755	26.546	833.04	26.683	0
"2013-05-12	14:00:00"	7.2713	178.26	72.934	23.3	880.22	26.657	0
"2013-05-12	15:00:00"	8.7806	166.41	74.969	21.063	1051.9	26.645	0
"2013-05-12	16:00:00"	9.2392	184.59	75.828	20.361	781.51	26.624	0
"2013-05-12	17:00:00"	9.776	180.59	75.918	19.332	792.72	26.601	0
"2013-05-12	18:00:00"	9.1192	160.52	76.677	18.325	627.96	26.589	0
"2013-05-12	19:00:00"	8.3096	183.72	76.121	18.203	373.93	26.574	0
"2013-05-12	20:00:00"	8.7688	172.51	75.553	18.465	220.12	26.577	0
"2013-05-12	21:00:00"	7.5354	175.3	73.173	20.709	34.579	26.598	0
"2013-05-12	22:00:00"	5.0803	163.98	68.675	24.142	0.10557	26.612	0
"2013-05-12	23:00:00"	6.0689	162.09	65.921	26.391	0.11489	26.63	0
"2013-05-13	00:00:00"	7.1458	160.84	63.575	29.512	0.10366	26.645	0
"2013-05-13	01:00:00"	6.0789	172.69	60.78	33.384	0.0973	26.651	0
"2013-05-13	02:00:00"	4.2309	181.87	58.158	38.352	0.11807	26.657	0
"2013-05-13	03:00:00"	5.2121	187.04	57.915	41.226	0.12337	26.648	0
"2013-05-13	04:00:00"	6.1332	195.4	57.393	43.609	0.1522	26.648	0
"2013-05-13	05:00:00"	6.2007	195.5	55.763	46.658	0.08585	26.651	0
"2013-05-13	06:00:00"	6.8842	194.55	54.9	48.989	0.13376	26.645	0
"2013-05-13	07:00:00"	6.3299	191.21	53.736	51.992	1.136	26.651	0
"2013-05-13	08:00:00"	3.3543	258.25	53.284	53.397	74.96	26.672	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-13"	09:00:00"	6.1727	225.46	58.493	45	269.07	26.692	0
"2013-05-13"	10:00:00"	10.644	205.77	64.22	38.4	503.68	26.698	0
"2013-05-13"	11:00:00"	10.942	205.93	67.865	32.604	725.55	26.695	0
"2013-05-13"	12:00:00"	9.3609	192.36	70.195	26.636	912.68	26.689	0
"2013-05-13"	13:00:00"	7.0383	193.74	73.259	21.571	1042.5	26.674	0
"2013-05-13"	14:00:00"	8.304	170.95	75.697	16.489	1109.9	26.648	0
"2013-05-13"	15:00:00"	10.552	157.49	77.852	14.719	1103.7	26.63	0
"2013-05-13"	16:00:00"	11.957	150.91	79.999	12.326	1029.1	26.607	0
"2013-05-13"	17:00:00"	13.33	165.05	80.534	12.236	889.18	26.589	0
"2013-05-13"	18:00:00"	11.711	163.94	80.61	12.637	695.23	26.568	0
"2013-05-13"	19:00:00"	10.412	155.61	80.364	15.003	465.54	26.559	0
"2013-05-13"	20:00:00"	9.794	143.01	79.115	19.646	226.07	26.559	0
"2013-05-13"	21:00:00"	9.4069	147.01	77.079	23.072	39.042	26.571	0
"2013-05-13"	22:00:00"	6.4672	142.73	73.524	26.311	0.11362	26.586	0
"2013-05-13"	23:00:00"	8.204	151.51	70.804	30.613	0.11129	26.598	0
"2013-05-14"	00:00:00"	7.0128	153.32	68.192	35.255	0.07398	26.601	0
"2013-05-14"	01:00:00"	10.921	165.87	67.523	39.995	0.10154	26.595	0
"2013-05-14"	02:00:00"	10.396	171.36	66.434	44.914	0.13058	26.589	0
"2013-05-14"	03:00:00"	6.9196	165.3	64.487	49.319	0.12083	26.577	0
"2013-05-14"	04:00:00"	3.3821	151.93	61.676	54.023	0.10811	26.568	0
"2013-05-14"	05:00:00"	3.2728	150.93	59.937	57.565	0.12443	26.559	0
"2013-05-14"	06:00:00"	4.7075	159.31	59.195	60.086	0.09369	26.55	0
"2013-05-14"	07:00:00"	5.7719	160.39	58.318	63.182	1.3671	26.55	0
"2013-05-14"	08:00:00"	5.7166	168.41	58.352	64.042	75.881	26.556	0
"2013-05-14"	09:00:00"	10.499	183.01	62.403	57.64	269.27	26.562	0
"2013-05-14"	10:00:00"	11.827	184.15	68.186	47.623	500.14	26.562	0
"2013-05-14"	11:00:00"	10.671	189.55	72.557	40.122	711.19	26.553	0
"2013-05-14"	12:00:00"	10.895	222.19	76.886	32.551	888.95	26.55	0
"2013-05-14"	13:00:00"	10.309	212.48	79.108	27.925	1024	26.521	0
"2013-05-14"	14:00:00"	11.556	200.7	80.314	25.498	815.79	26.497	0
"2013-05-14"	15:00:00"	12.579	197.88	81.461	23.369	1036.7	26.468	0
"2013-05-14"	16:00:00"	13.018	206.95	82.929	21.606	745.11	26.456	0
"2013-05-14"	17:00:00"	5.5575	314.94	71.633	43.904	185.7	26.415	0.15
"2013-05-14"	18:00:00"	2.9037	295.45	80.186	27.091	682.86	26.397	0
"2013-05-14"	19:00:00"	9.5349	183.98	80.283	25.979	409.05	26.382	0
"2013-05-14"	20:00:00"	13.337	163.8	76.506	30.697	129.72	26.394	0
"2013-05-14"	21:00:00"	9.2503	192.48	73.7	32.894	24.431	26.391	0
"2013-05-14"	22:00:00"	15.7	150.46	69.172	43.071	0.10387	26.415	0
"2013-05-14"	23:00:00"	12.77	172.98	66.044	51.42	0.092	26.42	0
"2013-05-15"	00:00:00"	10.281	177.28	63.991	59.176	0.08246	26.426	0
"2013-05-15"	01:00:00"	15.487	189.15	63.869	57.12	0.11299	26.435	0
"2013-05-15"	02:00:00"	15.279	192.5	63.022	59.284	0.09094	26.42	0
"2013-05-15"	03:00:00"	13.144	192.22	61.011	67.097	0.11468	26.412	0
"2013-05-15"	04:00:00"	12.519	190.12	59.691	73.443	0.0884	26.391	0
"2013-05-15"	05:00:00"	11.218	190.53	59.005	76.51	0.08458	26.388	0
"2013-05-15"	06:00:00"	13.518	189.54	58.399	78.503	0.09815	26.367	0
"2013-05-15"	07:00:00"	10.244	192.87	57.485	81.325	0.87378	26.367	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-15	08:00:00"	9.9121	192.98	57.302	82.766	98.652	26.37	0
"2013-05-15	09:00:00"	11.228	190.91	59.901	74.254	194.93	26.364	0
"2013-05-15	10:00:00"	10.793	197.37	63.962	62.216	495.53	26.382	0
"2013-05-15	11:00:00"	9.1988	235.27	70.256	46.917	331.16	26.373	0
"2013-05-15	12:00:00"	8.9745	228.52	74.952	33.649	704.82	26.364	0
"2013-05-15	13:00:00"	9.269	248.42	84.014	20.987	1017.9	26.344	0
"2013-05-15	14:00:00"	10.798	260.31	87.829	16.418	1095.3	26.317	0
"2013-05-15	15:00:00"	11.426	246.76	88.505	15.682	726.88	26.294	0
"2013-05-15	16:00:00"	11.636	252.67	90.931	13.238	946.52	26.264	0
"2013-05-15	17:00:00"	14.043	266.26	90.623	14.767	816.84	26.249	0
"2013-05-15	18:00:00"	13.867	250.9	90.302	14.17	682.92	26.24	0
"2013-05-15	19:00:00"	12.171	246.85	89.926	13.745	466.68	26.229	0
"2013-05-15	20:00:00"	7.8697	246.7	87.429	15.669	113.48	26.234	0
"2013-05-15	21:00:00"	3.4412	188.63	84.267	16.762	10.568	26.249	0
"2013-05-15	22:00:00"	10.937	101.33	79.152	23.139	0.08055	26.282	0
"2013-05-15	23:00:00"	10.642	132.9	76.211	26.365	0.09433	26.302	0
"2013-05-16	00:00:00"	5.5756	156.04	74.317	27.829	0.10514	26.308	0
"2013-05-16	01:00:00"	5.7943	186.81	73.724	29.112	0.0884	26.299	0
"2013-05-16	02:00:00"	3.7692	135.72	70.399	33.244	0.09666	26.276	0
"2013-05-16	03:00:00"	5.2201	199.67	68.797	34.984	0.10239	26.264	0
"2013-05-16	04:00:00"	3.0491	231.14	66.046	38.126	0.09412	26.273	0
"2013-05-16	05:00:00"	1.6721	304.57	64.357	40.24	0.11002	26.279	0
"2013-05-16	06:00:00"	1.9319	284.35	63.443	42.174	0.10811	26.285	0
"2013-05-16	07:00:00"	6.5623	304.66	63.992	39.663	1.5193	26.299	0
"2013-05-16	08:00:00"	8.8135	310.89	65.215	36.452	75.481	26.317	0
"2013-05-16	09:00:00"	10.1	312.61	71.446	29.943	268.23	26.329	0
"2013-05-16	10:00:00"	11.605	329.56	80.399	21.917	497.87	26.335	0
"2013-05-16	11:00:00"	11.949	346.26	84.597	18.461	713.33	26.341	0
"2013-05-16	12:00:00"	9.4529	328.9	88.395	15.816	890.86	26.347	0
"2013-05-16	13:00:00"	7.6596	300.89	90.629	13.801	1021.7	26.341	0
"2013-05-16	14:00:00"	9.2472	292.27	92.536	11.001	1082.5	26.326	0
"2013-05-16	15:00:00"	10.632	265.85	94.172	9.1108	1086.7	26.308	0
"2013-05-16	16:00:00"	11.279	262.23	94.831	7.7206	1017.4	26.288	0
"2013-05-16	17:00:00"	9.8114	267.31	95.838	6.842	878.15	26.261	0
"2013-05-16	18:00:00"	8.6252	250.94	95.89	6.4447	689.04	26.243	0
"2013-05-16	19:00:00"	10.226	262.95	95.682	5.6986	475.39	26.24	0
"2013-05-16	20:00:00"	8.5793	266.72	94.054	5.1969	240.46	26.24	0
"2013-05-16	21:00:00"	4.1097	262.04	90.165	6.1553	42.523	26.249	0
"2013-05-16	22:00:00"	2.327	253.19	83.394	7.7903	0.10599	26.261	0
"2013-05-16	23:00:00"	4.4391	220	80.032	8.7983	0.08564	26.282	0
"2013-05-17	00:00:00"	4.6988	222.78	77.558	9.7722	0.07801	26.285	0
"2013-05-17	01:00:00"	2.5396	249.24	73.38	12.795	0.09497	26.288	0
"2013-05-17	02:00:00"	2.4757	255.59	71.628	14.033	0.09793	26.285	0
"2013-05-17	03:00:00"	2.3451	248.29	71.157	13.677	0.12634	26.288	0
"2013-05-17	04:00:00"	1.1334	278.48	67.641	15.298	0.10005	26.285	0
"2013-05-17	05:00:00"	2.8819	252.29	67.834	15.792	0.10557	26.296	0
"2013-05-17	06:00:00"	5.1816	207.03	70.39	13.66	0.1115	26.302	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-17	07:00:00"	2.5122	250.69	68.616	14.868	1.7014	26.317	0
"2013-05-17	08:00:00"	1.5839	319.61	65.028	19.736	84.229	26.347	0
"2013-05-17	09:00:00"	4.4074	289.62	74.26	13.901	283.59	26.361	0
"2013-05-17	10:00:00"	9.5859	295.74	83.071	9.5089	517.61	26.364	0
"2013-05-17	11:00:00"	11.462	328.29	87.616	7.4197	731.17	26.364	0
"2013-05-17	12:00:00"	8.6967	353.19	90.738	6.0845	911.74	26.367	0
"2013-05-17	13:00:00"	6.3193	303.18	94.024	5.1278	1041.7	26.361	0
"2013-05-17	14:00:00"	6.7133	195.3	94.964	5.1442	1104.6	26.344	0
"2013-05-17	15:00:00"	7.6975	210.28	95.792	5.5347	970.31	26.323	0
"2013-05-17	16:00:00"	9.5813	229.14	96.8	6.0667	929.21	26.302	0
"2013-05-17	17:00:00"	10.126	216.14	97.236	5.9747	770.59	26.282	0
"2013-05-17	18:00:00"	12.051	211.49	97.294	5.9789	625.36	26.276	0
"2013-05-17	19:00:00"	13.312	195.52	96.471	6.4192	463.89	26.264	0
"2013-05-17	20:00:00"	14.037	192.43	95.153	7.3358	195.85	26.267	0
"2013-05-17	21:00:00"	10.058	165.73	92.565	9.025	40.341	26.273	0
"2013-05-17	22:00:00"	6.5809	146.47	88.175	10.881	0.07716	26.285	0
"2013-05-17	23:00:00"	5.9552	166.78	84.354	12.401	0.08691	26.305	0
"2013-05-18	00:00:00"	11.782	194.24	83.291	14.647	0.08776	26.326	0
"2013-05-18	01:00:00"	14.296	191.23	82.305	18.978	0.08688	26.317	0
"2013-05-18	02:00:00"	16.709	187.77	81.443	23.084	0.08882	26.32	0
"2013-05-18	03:00:00"	13.932	190.77	80.27	24.012	0.11002	26.311	0
"2013-05-18	04:00:00"	12.186	177.07	78.238	25.91	0.07695	26.302	0
"2013-05-18	05:00:00"	8.5985	174.17	73.682	33.332	0.12888	26.308	0
"2013-05-18	06:00:00"	5.4656	185.87	71.237	38.655	0.10747	26.302	0
"2013-05-18	07:00:00"	6.233	185.95	68.864	46.141	1.2757	26.311	0
"2013-05-18	08:00:00"	7.7361	195.3	67.175	52.061	40.104	26.329	0
"2013-05-18	09:00:00"	9.8692	192.96	69.526	51.566	239.27	26.332	0
"2013-05-18	10:00:00"	7.5726	211.79	76.403	30.985	454.9	26.338	0
"2013-05-18	11:00:00"	7.4738	279.49	82.868	15.916	727.64	26.341	0
"2013-05-18	12:00:00"	7.5074	265.34	88.875	7.7097	907.3	26.329	0
"2013-05-18	13:00:00"	5.6041	247.17	91.545	7.5369	1056.5	26.308	0
"2013-05-18	14:00:00"	7.5117	230.97	93.404	6.6858	1037.2	26.285	0
"2013-05-18	15:00:00"	10.126	237.29	94.677	5.7586	1099.2	26.276	0
"2013-05-18	16:00:00"	11.938	243.38	94.778	5.3533	1025.1	26.267	0
"2013-05-18	17:00:00"	13.302	250.19	94.717	5.0539	888.48	26.249	0
"2013-05-18	18:00:00"	14.316	233.84	94.13	5.0397	696.47	26.234	0
"2013-05-18	19:00:00"	16.127	233.81	93.114	5.027	476.55	26.226	0
"2013-05-18	20:00:00"	15.762	236.03	91.364	5.1136	238.6	26.232	0
"2013-05-18	21:00:00"	13.008	228.25	87.938	5.7328	41.018	26.246	0
"2013-05-18	22:00:00"	7.1464	235.96	82.787	6.5283	0.09539	26.252	0
"2013-05-18	23:00:00"	2.5222	243.63	76.089	8.9725	0.07928	26.267	0
"2013-05-19	00:00:00"	10.576	272.89	78.814	8.4542	0.10366	26.267	0
"2013-05-19	01:00:00"	10.361	283.24	79.089	7.9717	0.08836	26.258	0
"2013-05-19	02:00:00"	9.5635	280.28	77.742	9.1381	0.08331	26.258	0
"2013-05-19	03:00:00"	11.633	279.6	77.095	9.0142	0.07017	26.255	0
"2013-05-19	04:00:00"	12.999	278.73	76.944	8.7025	0.08204	26.258	0
"2013-05-19	05:00:00"	11.671	277.28	75.835	9.23	0.10599	26.255	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-19	06:00:00"	11.344	275.76	74.555	9.9184	0.07822	26.255	0
"2013-05-19	07:00:00"	8.8502	270.06	73.074	10.761	1.7931	26.282	0
"2013-05-19	08:00:00"	4.9094	304.01	67.326	13.186	83.38	26.311	0
"2013-05-19	09:00:00"	8.2195	305.49	71.112	12.994	278.66	26.326	0
"2013-05-19	10:00:00"	11.113	308.21	76.61	13.274	512.21	26.341	0
"2013-05-19	11:00:00"	11.454	300.6	79.303	14.063	730.63	26.335	0
"2013-05-19	12:00:00"	11.654	283.68	82.166	11.746	917.8	26.329	0
"2013-05-19	13:00:00"	12.431	277.28	83.671	10.228	1050.5	26.314	0
"2013-05-19	14:00:00"	12.102	263.91	85.131	8.9233	1112.2	26.296	0
"2013-05-19	15:00:00"	11.402	253.82	86.635	7.4211	1108.7	26.27	0
"2013-05-19	16:00:00"	12.062	259.62	88.309	6.8645	1030.9	26.246	0
"2013-05-19	17:00:00"	13.99	242.96	89.325	6.4528	890.39	26.229	0
"2013-05-19	18:00:00"	12.092	242.56	89.962	6.4358	701.6	26.211	0
"2013-05-19	19:00:00"	13.436	232.99	89.629	6.8292	477.53	26.199	0
"2013-05-19	20:00:00"	11.895	250.92	88.942	6.6483	243.09	26.211	0
"2013-05-19	21:00:00"	7.4999	245.17	85.354	7.1417	44.335	26.229	0
"2013-05-19	22:00:00"	4.984	210.26	81.043	8.4725	0.09878	26.246	0
"2013-05-19	23:00:00"	3.6363	219.32	76.897	10.317	0.08628	26.261	0
"2013-05-20	00:00:00"	4.4869	206.72	74.114	11.849	0.12019	26.264	0
"2013-05-20	01:00:00"	5.8558	208.16	73.077	12.782	0.11595	26.255	0
"2013-05-20	02:00:00"	2.2599	250.9	69.932	14.378	0.1009	26.249	0
"2013-05-20	03:00:00"	3.9675	214.71	69.007	14.903	0.0831	26.246	0
"2013-05-20	04:00:00"	4.7622	272.94	66.932	15.526	0.10875	26.249	0
"2013-05-20	05:00:00"	4.3527	269.6	66.104	15.515	0.10875	26.258	0
"2013-05-20	06:00:00"	2.3774	297.61	61.966	18.049	0.13397	26.267	0
"2013-05-20	07:00:00"	3.4958	321.58	56.335	22.058	1.9767	26.273	0
"2013-05-20	08:00:00"	7.2682	325.46	59.777	21.421	88.518	26.296	0
"2013-05-20	09:00:00"	12.171	330.33	67.406	18.205	289.89	26.317	0
"2013-05-20	10:00:00"	14.172	351.41	74.242	16.953	523.39	26.335	0
"2013-05-20	11:00:00"	11.92	359.82	78.148	14.784	740.17	26.335	0
"2013-05-20	12:00:00"	7.3893	355.59	81.233	12.366	920.93	26.335	0
"2013-05-20	13:00:00"	7.1495	302.71	83.377	11.207	1049.3	26.326	0
"2013-05-20	14:00:00"	7.4316	270.58	85.341	9.8756	1113.2	26.305	0
"2013-05-20	15:00:00"	8.5656	263.96	87.318	8.4839	1107.2	26.285	0
"2013-05-20	16:00:00"	12.191	237.15	88.787	7.6153	1035	26.27	0
"2013-05-20	17:00:00"	11.404	265.72	89.984	6.8369	893.61	26.237	0
"2013-05-20	18:00:00"	13.096	249.07	90.6	6.8617	706.79	26.22	0
"2013-05-20	19:00:00"	12.129	220.91	89.686	7.5642	476.08	26.205	0
"2013-05-20	20:00:00"	11.465	214.35	89.621	6.7747	244.57	26.199	0
"2013-05-20	21:00:00"	10.946	226.43	87.455	6.8533	46.453	26.211	0
"2013-05-20	22:00:00"	7.1402	220.67	83.062	8.5989	0.12337	26.226	0
"2013-05-20	23:00:00"	6.8317	216.9	79.674	10.058	0.09264	26.246	0
"2013-05-21	00:00:00"	5.473	200.71	77.411	10.489	0.08458	26.24	0
"2013-05-21	01:00:00"	4.7917	204.44	76.007	10.923	0.10083	26.237	0
"2013-05-21	02:00:00"	3.2137	271.31	71.225	12.903	0.11807	26.226	0
"2013-05-21	03:00:00"	5.2966	275.4	71.845	12.332	0.09221	26.217	0
"2013-05-21	04:00:00"	12.175	335.73	67.098	13.196	0.11468	26.223	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-21	05:00:00"	10.182	336.19	65.351	14.196	0.11553	26.246	0
"2013-05-21	06:00:00"	16.389	349.04	63.063	32.454	0.11214	26.285	0
"2013-05-21	07:00:00"	16.349	352.72	62.477	40.007	1.6556	26.314	0
"2013-05-21	08:00:00"	16.294	359.53	62.961	41.287	79.532	26.332	0
"2013-05-21	09:00:00"	18.132	22.813	64.539	39.386	275.4	26.344	0
"2013-05-21	10:00:00"	16.941	28.164	65.657	37.252	505.64	26.394	0
"2013-05-21	11:00:00"	15.344	21.04	68.154	34.656	715.5	26.4	0
"2013-05-21	12:00:00"	13.355	24.666	71.274	32.105	883.23	26.412	0
"2013-05-21	13:00:00"	10.996	20.431	72.155	30.931	1009.8	26.409	0
"2013-05-21	14:00:00"	8.509	22.144	73.386	29.362	1076.3	26.4	0
"2013-05-21	15:00:00"	8.2909	356.26	76.318	25.348	1085.1	26.388	0
"2013-05-21	16:00:00"	6.7083	10.714	77.378	22.622	1005.6	26.37	0
"2013-05-21	17:00:00"	5.1735	319.75	79.39	20.446	874.8	26.353	0
"2013-05-21	18:00:00"	4.3844	347.95	80.473	19.224	692.67	26.332	0
"2013-05-21	19:00:00"	3.8829	162.71	80.887	18.525	471.53	26.317	0
"2013-05-21	20:00:00"	4.6044	161.67	80.648	18.302	240.85	26.314	0
"2013-05-21	21:00:00"	6.0304	112.23	79.484	19.681	47.474	26.323	0
"2013-05-21	22:00:00"	8.1946	114.46	75.455	23.807	0.10069	26.329	0
"2013-05-21	23:00:00"	9.466	118.06	73.263	25.39	0.08903	26.344	0
"2013-05-22	00:00:00"	10.16	131.26	70.456	29.142	0.08649	26.35	0
"2013-05-22	01:00:00"	9.8997	137.78	68.413	32.178	0.07886	26.35	0
"2013-05-22	02:00:00"	8.8912	144.44	66.622	33.706	0.11256	26.344	0
"2013-05-22	03:00:00"	8.1089	156.78	64.419	36.166	0.1026	26.341	0
"2013-05-22	04:00:00"	3.6015	174.7	61.087	40.405	0.10069	26.341	0
"2013-05-22	05:00:00"	4.3651	172.23	59.936	42.343	0.14097	26.338	0
"2013-05-22	06:00:00"	6.3461	161.97	59.687	44.411	0.10133	26.344	0
"2013-05-22	07:00:00"	5.6159	142.42	58.709	46.944	2.184	26.341	0
"2013-05-22	08:00:00"	7.6137	147.04	59.586	47.167	87.876	26.356	0
"2013-05-22	09:00:00"	14.387	170.74	65.169	40.677	282.43	26.364	0
"2013-05-22	10:00:00"	18.517	180.17	71.539	36.947	509.72	26.382	0
"2013-05-22	11:00:00"	18.854	183.54	75.291	37.874	728.52	26.379	0
"2013-05-22	12:00:00"	16.999	186.37	79.507	29.834	895.86	26.367	0
"2013-05-22	13:00:00"	16.307	183.72	84.029	20.569	1026.8	26.356	0
"2013-05-22	14:00:00"	15.041	186.59	87.428	13.954	1102.9	26.338	0
"2013-05-22	15:00:00"	13.043	197.76	90.445	10.127	1094.2	26.311	0
"2013-05-22	16:00:00"	13.151	210.74	91.985	7.6133	1029.4	26.285	0
"2013-05-22	17:00:00"	12.032	205.45	92.905	6.7017	879.99	26.261	0
"2013-05-22	18:00:00"	12.534	197.64	93.207	6.1594	571.79	26.246	0
"2013-05-22	19:00:00"	8.245	218.11	92.467	5.9253	220.84	26.24	0
"2013-05-22	20:00:00"	11.122	202.22	92.754	6.0639	197.38	26.246	0
"2013-05-22	21:00:00"	13.84	176.14	89.201	11.294	28.958	26.261	0
"2013-05-22	22:00:00"	13.784	161.26	84.879	18.554	0.11744	26.279	0
"2013-05-22	23:00:00"	11.208	153.81	81.834	21.772	0.08712	26.299	0
"2013-05-23	00:00:00"	13.281	152.46	79.94	26.602	0.09454	26.302	0
"2013-05-23	01:00:00"	14.415	163.6	78.658	33.967	0.10493	26.314	0
"2013-05-23	02:00:00"	13.295	171.43	76.8	41.471	0.10217	26.317	0
"2013-05-23	03:00:00"	12.109	178.43	75.446	47.824	0.09751	26.317	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-23	04:00:00"	11.539	180.07	74.024	53.517	0.0814	26.323	0
"2013-05-23	05:00:00"	11.618	175.89	72.501	61.283	0.08161	26.332	0
"2013-05-23	06:00:00"	11.07	173.28	71.274	68.812	0.11087	26.341	0
"2013-05-23	07:00:00"	9.7667	162.16	70.032	74.658	2.4388	26.361	0
"2013-05-23	08:00:00"	8.8166	170.14	69.822	76.377	60.095	26.373	0
"2013-05-23	09:00:00"	12.954	172.16	71.839	70.704	231.7	26.388	0
"2013-05-23	10:00:00"	15.266	180.38	75.544	60.681	516.57	26.394	0
"2013-05-23	11:00:00"	13.821	185.62	79.989	48.615	734.06	26.397	0
"2013-05-23	12:00:00"	12.14	186.06	85.349	33.066	909.01	26.394	0
"2013-05-23	13:00:00"	11.663	176.34	89.003	27.559	1036.3	26.385	0
"2013-05-23	14:00:00"	10.526	173.01	92.55	20.943	1068.2	26.37	0
"2013-05-23	15:00:00"	9.7338	175.84	95.063	14.694	1019.9	26.335	0
"2013-05-23	16:00:00"	9.0167	174.48	94.055	13.303	252.34	26.326	0
"2013-05-23	17:00:00"	12.654	251.67	90.777	14.518	30.361	26.344	0
"2013-05-23	18:00:00"	20.314	151	80.88	25.363	4.6127	26.338	0
"2013-05-23	19:00:00"	18.286	179.87	79.675	26.439	8.1023	26.382	0
"2013-05-23	20:00:00"	22.089	151.22	76.775	31.383	18.059	26.379	0
"2013-05-23	21:00:00"	17.414	205.43	76.428	32.616	7.2226	26.379	0
"2013-05-23	22:00:00"	19.46	200.07	73.88	37.012	0.09497	26.4	0
"2013-05-23	23:00:00"	11.795	195.94	72.208	42.752	0.09857	26.453	0
"2013-05-24	00:00:00"	6.018	108.61	70.234	50.89	0.07292	26.471	0
"2013-05-24	01:00:00"	9.4871	94.89	68.029	56.879	0.10705	26.497	0
"2013-05-24	02:00:00"	16.189	105.21	64.923	68.436	0.08543	26.515	0
"2013-05-24	03:00:00"	16.247	109.12	64.83	64.859	0.10959	26.506	0
"2013-05-24	04:00:00"	15.539	129.01	62.944	70.817	0.08288	26.491	0
"2013-05-24	05:00:00"	12.095	130.97	62.984	68.113	0.09899	26.494	0
"2013-05-24	06:00:00"	11.372	134.15	63.789	60.611	0.11574	26.5	0
"2013-05-24	07:00:00"	9.1143	149.66	64.082	56.897	1.5381	26.506	0
"2013-05-24	08:00:00"	5.6675	198.78	64.669	56.208	110.09	26.533	0
"2013-05-24	09:00:00"	7.5068	205.87	67.913	49.651	304.89	26.547	0
"2013-05-24	10:00:00"	10.289	169.64	69.495	48.635	305.69	26.562	0
"2013-05-24	11:00:00"	9.1118	159.51	72.318	45.086	689.88	26.556	0
"2013-05-24	12:00:00"	7.6155	159.59	74.906	41.539	849.92	26.533	0
"2013-05-24	13:00:00"	8.1387	162.88	78.109	38.339	1000.2	26.524	0
"2013-05-24	14:00:00"	11.618	164.89	80.641	36.901	943.44	26.506	0
"2013-05-24	15:00:00"	11.037	157.68	82.469	34.531	891.11	26.491	0
"2013-05-24	16:00:00"	11.415	146.34	84.18	31.667	770.57	26.468	0
"2013-05-24	17:00:00"	9.5026	154.87	84.988	30.644	754.58	26.435	0
"2013-05-24	18:00:00"	8.6489	148.99	85.529	29.408	535.97	26.426	0
"2013-05-24	19:00:00"	9.5672	149.57	85.378	29.635	268.16	26.42	0
"2013-05-24	20:00:00"	14.41	116.15	84.503	32.158	153.59	26.426	0
"2013-05-24	21:00:00"	15.67	118.63	81.173	38.342	22.317	26.459	0
"2013-05-24	22:00:00"	19.128	119.14	76.183	48.444	0.09581	26.483	0
"2013-05-24	23:00:00"	18.566	123.95	73.201	51.575	0.09687	26.5	0
"2013-05-25	00:00:00"	16.317	126.13	70.973	61.238	0.09475	26.524	0
"2013-05-25	01:00:00"	14.648	132.39	69.182	66.785	0.08543	26.521	0
"2013-05-25	02:00:00"	10.864	133.61	67.861	69.3	0.10196	26.539	0

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"2013-05-25	03:00:00"	10.619	139.96	66.429	69.85	0.09709	26.53	0
"2013-05-25	04:00:00"	9.5927	129.2	65.037	76.241	0.08034	26.506	0
"2013-05-25	05:00:00"	12.422	145.71	64.719	78.525	0.09666	26.503	0
"2013-05-25	06:00:00"	11.037	151.91	64.289	77.303	0.07695	26.5	0
"2013-05-25	07:00:00"	7.5726	146.08	63.027	80.042	1.0949	26.506	0
"2013-05-25	08:00:00"	10.833	155.32	63.524	79.001	22.759	26.521	0
"2013-05-25	09:00:00"	9.0322	168.14	64.059	77.697	93.081	26.527	0
"2013-05-25	10:00:00"	5.6253	167.74	64.868	74.448	237.1	26.536	0
"2013-05-25	11:00:00"	6.0751	145.8	67.488	67.568	513.72	26.53	0
"2013-05-25	12:00:00"	10.167	120.56	72.015	57.725	861	26.512	0
"2013-05-25	13:00:00"	10.65	122.46	76.341	48.68	984.77	26.506	0
"2013-05-25	14:00:00"	10.653	126.44	79.926	42.119	1080.8	26.485	0
"2013-05-25	15:00:00"	11.053	131.05	83.336	36.716	1075.5	26.462	0
"2013-05-25	16:00:00"	11.515	145.08	85.904	33.224	951.45	26.447	0
"2013-05-25	17:00:00"	12.724	158.56	87.302	31.176	843.75	26.42	0
"2013-05-25	18:00:00"	13.601	159.71	88.045	30.558	601.57	26.406	0
"2013-05-25	19:00:00"	15.734	163.16	86.439	33.21	222.18	26.4	0
"2013-05-25	20:00:00"	13.46	153.42	83.866	36.848	72.244	26.397	0
"2013-05-25	21:00:00"	17.513	271.21	76.929	44.167	3.8273	26.512	0.04
"2013-05-25	22:00:00"	16.665	351.13	62.663	78.336	0.06911	26.524	0.5
"2013-05-25	23:00:00"	14.331	30.796	68.736	59.334	0.07992	26.456	0.05
"2013-05-26	00:00:00"	11.817	81.676	72.963	43.053	0.10959	26.474	0
"2013-05-26	01:00:00"	5.8614	106.99	69.832	54.188	0.11341	26.477	0
"2013-05-26	02:00:00"	12.338	159.07	67.962	65.111	0.08797	26.45	0
"2013-05-26	03:00:00"	15.695	150.54	70.055	60.484	0.09751	26.423	0
"2013-05-26	04:00:00"	11.651	150.41	68.487	62.909	0.11383	26.45	0
"2013-05-26	05:00:00"	11.733	170.08	65.955	68.352	0.09391	26.438	0
"2013-05-26	06:00:00"	6.4504	206.01	63.598	72.047	0.09433	26.444	0
"2013-05-26	07:00:00"	4.4453	195.26	62.434	76.649	1.2348	26.459	0
"2013-05-26	08:00:00"	4.531	187.04	63.038	76.62	82.372	26.453	0
"2013-05-26	09:00:00"	11.474	175.85	66.548	77.562	272.61	26.459	0
"2013-05-26	10:00:00"	15.217	187.81	69.915	74.452	496.23	26.465	0
"2013-05-26	11:00:00"	14.866	186	73.343	67.083	710.13	26.465	0
"2013-05-26	12:00:00"	13.589	186.4	77.624	55.724	884.89	26.453	0
"2013-05-26	13:00:00"	12.078	193.96	81.705	44.152	991.91	26.444	0
"2013-05-26	14:00:00"	11.522	190.23	85.29	35.044	1071.5	26.423	0
"2013-05-26	15:00:00"	10.923	187.4	88.378	27.763	1079	26.403	0
"2013-05-26	16:00:00"	12.324	179.97	90.739	22.983	1007.3	26.379	0
"2013-05-26	17:00:00"	10.321	194.66	93.066	18.858	850.93	26.364	0
"2013-05-26	18:00:00"	12.202	187.58	93.8	15.554	659.91	26.338	0
"2013-05-26	19:00:00"	12.406	178.61	93.913	12.662	454.11	26.326	0
"2013-05-26	20:00:00"	13.881	171.16	92.728	14.419	187.51	26.32	0
"2013-05-26	21:00:00"	17.674	159.43	88.333	30.095	26.556	26.335	0
"2013-05-26	22:00:00"	19.37	160.88	84.547	39.259	0.21283	26.356	0
"2013-05-26	23:00:00"	20.414	160.92	81.528	45.479	0.092	26.373	0
"2013-05-27	00:00:00"	19.335	164.97	78.915	49.937	0.08755	26.382	0
"2013-05-27	01:00:00"	15.476	176.11	76.776	55.489	0.11044	26.394	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-27	02:00:00"	13.942	174.91	75.039	60.258	0.08606	26.382	0
"2013-05-27	03:00:00"	11.512	174.74	73.635	63.461	0.09158	26.367	0
"2013-05-27	04:00:00"	9.5237	179.74	72.141	67.585	0.0778	26.361	0
"2013-05-27	05:00:00"	9.7916	183.14	70.576	72.884	0.06826	26.356	0
"2013-05-27	06:00:00"	8.3369	182.76	68.842	77.848	0.09539	26.347	0
"2013-05-27	07:00:00"	10.03	191.37	67.906	79.872	2.63	26.356	0
"2013-05-27	08:00:00"	10.571	191.56	67.461	82.369	87.202	26.361	0
"2013-05-27	09:00:00"	12.174	192.64	70.049	77.788	267.11	26.361	0
"2013-05-27	10:00:00"	13.176	191.61	74.424	66.032	494.73	26.364	0
"2013-05-27	11:00:00"	11.249	199.96	79.797	51.999	712.4	26.353	0
"2013-05-27	12:00:00"	10.47	218.03	84.985	34.986	891.76	26.347	0
"2013-05-27	13:00:00"	8.9564	224.3	88.925	24.145	1027.2	26.338	0
"2013-05-27	14:00:00"	7.4589	209.38	91.683	17.393	1053.3	26.314	0
"2013-05-27	15:00:00"	9.1404	217.51	94.065	13.099	1038.7	26.294	0
"2013-05-27	16:00:00"	13.062	218.12	95.585	9.8325	906.22	26.276	0
"2013-05-27	17:00:00"	9.7816	221.53	96.364	9.1245	803.53	26.24	0
"2013-05-27	18:00:00"	13.054	220.41	97.727	7.6908	637.79	26.214	0
"2013-05-27	19:00:00"	12.372	240.28	96.908	7.215	452.97	26.211	0
"2013-05-27	20:00:00"	9.8705	260.55	94.109	6.8531	124.37	26.217	0
"2013-05-27	21:00:00"	15.632	171.24	86.596	28.847	21.326	26.243	0
"2013-05-27	22:00:00"	15.916	173.28	81.302	43.078	0.11489	26.255	0
"2013-05-27	23:00:00"	10.97	177.56	78.002	48.678	0.1062	26.267	0
"2013-05-28	00:00:00"	11.313	185.9	76.318	48.549	0.09921	26.279	0
"2013-05-28	01:00:00"	12.53	184.61	74.529	54.752	0.07059	26.27	0
"2013-05-28	02:00:00"	15.371	189.01	74.141	63.205	0.08797	26.267	0
"2013-05-28	03:00:00"	14.504	191.37	73.306	65.832	0.08161	26.249	0
"2013-05-28	04:00:00"	13.507	191.77	72.549	67.225	0.08182	26.24	0
"2013-05-28	05:00:00"	10.209	194.47	72.394	67.422	0.10345	26.234	0
"2013-05-28	06:00:00"	9.9836	197.53	72.522	66.711	0.10811	26.246	0
"2013-05-28	07:00:00"	13.653	165.2	71.675	68.614	1.3599	26.214	0
"2013-05-28	08:00:00"	12.042	168.51	70.879	72.195	73.842	26.237	0
"2013-05-28	09:00:00"	15.181	172.78	70.77	76.349	137.08	26.252	0
"2013-05-28	10:00:00"	13.939	174.49	70.417	79.001	202.25	26.246	0
"2013-05-28	11:00:00"	15.381	163.8	72.953	71.846	601.5	26.243	0
"2013-05-28	12:00:00"	15.932	164.92	74.714	64.698	509.79	26.243	0
"2013-05-28	13:00:00"	15.636	171.36	79.807	52.043	987.2	26.229	0
"2013-05-28	14:00:00"	15.396	172.42	81.553	46.413	723.1	26.226	0
"2013-05-28	15:00:00"	13.704	161.05	82.757	43.687	753.52	26.208	0
"2013-05-28	16:00:00"	14.319	169.7	86.214	35.578	1004.6	26.181	0
"2013-05-28	17:00:00"	15.471	159.6	87.223	32.659	860.78	26.158	0
"2013-05-28	18:00:00"	16.305	145.19	87.225	33.55	676.29	26.131	0
"2013-05-28	19:00:00"	21.024	143.95	85.629	37.643	449.33	26.116	0
"2013-05-28	20:00:00"	21.463	146.85	82.805	42.542	226.4	26.116	0
"2013-05-28	21:00:00"	18.744	143.95	78.784	52.659	39.79	26.14	0
"2013-05-28	22:00:00"	15.621	152.51	76.164	58.945	0.13715	26.169	0
"2013-05-28	23:00:00"	14.295	159.75	74.984	62.484	0.092	26.178	0
"2013-05-29	00:00:00"	13.404	160.84	74.516	63.539	0.1132	26.181	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-29	01:00:00"	19.997	162.27	74.79	62.44	0.08752	26.178	0
"2013-05-29	02:00:00"	19.97	164.61	74.016	64.546	0.08416	26.178	0
"2013-05-29	03:00:00"	19.533	179.32	72.865	68.116	0.10111	26.181	0
"2013-05-29	04:00:00"	24.498	176.26	72.492	70.972	0.08988	26.164	0
"2013-05-29	05:00:00"	21.834	176.7	71.591	74.644	0.08585	26.155	0
"2013-05-29	06:00:00"	18.167	183.33	70.108	75.155	0.08585	26.146	0
"2013-05-29	07:00:00"	15.962	190.27	69.218	71.693	2.1503	26.146	0
"2013-05-29	08:00:00"	13.686	193.87	69.292	67.264	88.148	26.155	0
"2013-05-29	09:00:00"	13.969	194.21	70.067	64.244	185.5	26.167	0
"2013-05-29	10:00:00"	11.597	218.74	74.422	50.316	402.46	26.175	0
"2013-05-29	11:00:00"	13.448	255.14	82.137	21.703	745.27	26.167	0
"2013-05-29	12:00:00"	14.062	270.29	85.719	12.786	921.43	26.167	0
"2013-05-29	13:00:00"	13.262	258.51	87.543	10.938	1051.1	26.164	0
"2013-05-29	14:00:00"	14.815	233.48	88.502	9.5128	1119	26.152	0
"2013-05-29	15:00:00"	14.415	242.13	89.952	9.2711	1107.7	26.137	0
"2013-05-29	16:00:00"	17.337	232.89	90.485	10.093	1024.3	26.122	0
"2013-05-29	17:00:00"	18.206	230.77	90.553	9.8878	888.27	26.107	0
"2013-05-29	18:00:00"	17.286	231.65	90.347	9.4611	700.67	26.096	0
"2013-05-29	19:00:00"	15.531	233.44	89.909	9.3569	481.2	26.096	0
"2013-05-29	20:00:00"	12.847	245.82	88.662	9.4239	247.31	26.102	0
"2013-05-29	21:00:00"	8.9962	236.73	85.628	10.108	52.335	26.116	0
"2013-05-29	22:00:00"	8.8309	218.49	82.367	11.211	0.21537	26.131	0
"2013-05-29	23:00:00"	6.7897	192.12	78.822	12.815	0.092	26.149	0
"2013-05-30	00:00:00"	5.6215	208.37	75.974	14.354	0.1062	26.155	0
"2013-05-30	01:00:00"	7.2315	213.94	74.87	14.921	0.09221	26.167	0
"2013-05-30	02:00:00"	6.5318	206.9	74.23	14.974	0.09539	26.169	0
"2013-05-30	03:00:00"	7.8168	172.96	70.352	21.491	0.07843	26.184	0
"2013-05-30	04:00:00"	11.113	185.5	69.916	62.871	0.12464	26.175	0
"2013-05-30	05:00:00"	10.811	195.93	69.46	74.932	0.07758	26.19	0
"2013-05-30	06:00:00"	9.4349	199.65	67.97	80.437	0.0814	26.202	0
"2013-05-30	07:00:00"	5.5718	224.01	65.513	85.272	2.7108	26.217	0
"2013-05-30	08:00:00"	5.8117	226.11	64.335	86.33	92.276	26.249	0
"2013-05-30	09:00:00"	5.7129	251.82	69.219	59.788	288.14	26.273	0
"2013-05-30	10:00:00"	7.8541	301.23	78.012	23.248	515.46	26.288	0
"2013-05-30	11:00:00"	12.503	339.85	83.939	13.469	732.56	26.296	0
"2013-05-30	12:00:00"	10.851	313.73	85.95	14.989	911.59	26.299	0
"2013-05-30	13:00:00"	8.9782	306.57	87.436	14.259	1038.2	26.296	0
"2013-05-30	14:00:00"	8.7657	300.79	89.1	12.712	1104.3	26.288	0
"2013-05-30	15:00:00"	11.645	300.64	90.843	11.205	1100.2	26.273	0
"2013-05-30	16:00:00"	9.1839	251.99	91.992	10.457	1026.3	26.255	0
"2013-05-30	17:00:00"	10.313	261.56	93.321	9.8119	888.34	26.237	0
"2013-05-30	18:00:00"	10.893	236.3	93.813	8.9675	707.78	26.229	0
"2013-05-30	19:00:00"	10.909	242.36	93.745	8.2856	493.35	26.223	0
"2013-05-30	20:00:00"	9.4672	246.57	92.772	8.7211	259.3	26.223	0
"2013-05-30	21:00:00"	6.7139	232.16	89.899	10.181	56.943	26.232	0
"2013-05-30	22:00:00"	5.7477	202.22	85.991	11.563	0.23615	26.246	0
"2013-05-30	23:00:00"	7.3471	196.76	82.71	13.209	0.07801	26.261	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-05-31"	00:00:00"	5.8601	216.49	79.67	15.619	0.08373	26.267	0
"2013-05-31"	01:00:00"	3.9786	209.92	77.135	18.501	0.07398	26.267	0
"2013-05-31"	02:00:00"	3.8003	219.23	76.455	19.628	0.10514	26.261	0
"2013-05-31"	03:00:00"	4.4434	197.77	72.842	25.977	0.08119	26.267	0
"2013-05-31"	04:00:00"	8.2456	179.91	71.367	59.474	0.08119	26.273	0
"2013-05-31"	05:00:00"	8.5575	189.36	69.575	70.601	0.10875	26.276	0
"2013-05-31"	06:00:00"	9.5517	192.43	68.172	77.317	0.07949	26.279	0
"2013-05-31"	07:00:00"	9.141	193.52	66.672	82.077	3.436	26.285	0
"2013-05-31"	08:00:00"	6.1373	211.92	66.042	83.441	92.268	26.311	0
"2013-05-31"	09:00:00"	9.461	204.81	70.097	73.374	291.05	26.326	0
"2013-05-31"	10:00:00"	9.3299	214.21	75.493	52.967	519.46	26.332	0
"2013-05-31"	11:00:00"	8.898	237.92	82.767	30.167	732.06	26.335	0
"2013-05-31"	12:00:00"	8.3177	269.98	89.473	16.882	912.78	26.326	0
"2013-05-31"	13:00:00"	8.4569	270.24	92.223	12.918	1044.3	26.317	0
"2013-05-31"	14:00:00"	8.0853	263.32	94.15	11.396	1107.3	26.296	0
"2013-05-31"	15:00:00"	9.7052	233.46	95.499	9.7272	1104.8	26.273	0
"2013-05-31"	16:00:00"	7.7125	254.67	96.94	8.8733	1030.7	26.246	0
"2013-05-31"	17:00:00"	6.4007	284.86	97.946	8.105	892.31	26.223	0
"2013-05-31"	18:00:00"	9.218	245.76	98.748	7.4022	710.34	26.211	0
"2013-05-31"	19:00:00"	10.122	257.88	98.904	7.1742	496.05	26.202	0
"2013-05-31"	20:00:00"	10.949	239.7	97.675	6.4419	269.55	26.208	0
"2013-05-31"	21:00:00"	6.8028	228.73	94.592	7.4775	61.319	26.214	0
"2013-05-31"	22:00:00"	7.7895	216.99	90.511	8.912	0.27706	26.229	0
"2013-05-31"	23:00:00"	6.8177	206.37	86.272	10.447	0.08416	26.24	0
"2013-06-01"	00:00:00"	6.2392	211.98	82.761	12.193	0.10917	26.249	0
"2013-06-01"	01:00:00"	4.4565	217.73	79.645	14.036	0.11277	26.258	0
"2013-06-01"	02:00:00"	8.3021	185.36	77.797	28.097	0.1274	26.261	0
"2013-06-01"	03:00:00"	5.6296	240.49	77.967	43.482	0.10875	26.279	0
"2013-06-01"	04:00:00"	6.8991	318.13	74.914	31.106	0.11489	26.288	0
"2013-06-01"	05:00:00"	9.1453	1.5582	72.286	18.429	0.11489	26.294	0
"2013-06-01"	06:00:00"	12.017	357.37	68.633	36.627	0.09921	26.308	0
"2013-06-01"	07:00:00"	13.389	17.491	67.277	63.301	3.1025	26.35	0
"2013-06-01"	08:00:00"	12.62	19.825	67.447	64.645	92.607	26.385	0
"2013-06-01"	09:00:00"	14.816	29.681	70.446	43.029	292.44	26.409	0
"2013-06-01"	10:00:00"	17.025	43.81	75.335	32.611	516.77	26.415	0
"2013-06-01"	11:00:00"	19.806	48.376	78.446	27.707	720.26	26.423	0
"2013-06-01"	12:00:00"	17.446	49.111	80.263	24.759	888.65	26.447	0
"2013-06-01"	13:00:00"	14.807	55.645	82.403	22.543	1020.1	26.453	0
"2013-06-01"	14:00:00"	13.344	60.156	84.505	20.258	1082.4	26.444	0
"2013-06-01"	15:00:00"	13.484	63.181	85.396	19.556	1071.5	26.438	0
"2013-06-01"	16:00:00"	12.846	61.025	86.152	18.274	1001.3	26.435	0
"2013-06-01"	17:00:00"	13.695	70.384	86.216	17.18	866.15	26.432	0
"2013-06-01"	18:00:00"	13.696	74.434	86.065	17.211	686.12	26.432	0
"2013-06-01"	19:00:00"	13.747	66.356	85.15	17.659	474.33	26.426	0
"2013-06-01"	20:00:00"	13.256	74.79	83.865	17.776	251.78	26.444	0
"2013-06-01"	21:00:00"	12.853	77.122	81.623	18.648	55.215	26.468	0
"2013-06-01"	22:00:00"	9.1354	83.137	78.042	21.039	0.29317	26.494	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-01	23:00:00"	7.7945	89.697	74.582	24.781	0.0831	26.515	0
"2013-06-02	00:00:00"	8.4823	89.883	72.272	27.214	0.10832	26.506	0
"2013-06-02	01:00:00"	9.141	88.103	70.685	29.039	0.15305	26.5	0
"2013-06-02	02:00:00"	10.231	82.514	69.34	30.645	0.08649	26.503	0
"2013-06-02	03:00:00"	11.308	81.49	68.058	32.145	0.18273	26.503	0
"2013-06-02	04:00:00"	9.0975	87.132	65.943	34.652	0.13821	26.515	0
"2013-06-02	05:00:00"	5.6601	91.628	64.901	36.554	0.13185	26.524	0
"2013-06-02	06:00:00"	2.9248	45.223	62.567	40.271	0.13058	26.536	0
"2013-06-02	07:00:00"	5.7638	49.049	62.067	41.981	2.2201	26.539	0
"2013-06-02	08:00:00"	7.2533	58.028	62.435	41.825	91.475	26.559	0
"2013-06-02	09:00:00"	11.718	71.382	65.814	39.635	262.31	26.577	0
"2013-06-02	10:00:00"	13.205	88.052	69.482	38.795	487.6	26.574	0
"2013-06-02	11:00:00"	14.01	104.09	72.216	37.242	641.44	26.577	0
"2013-06-02	12:00:00"	13.373	102.25	73.972	35.336	641.83	26.568	0
"2013-06-02	13:00:00"	13.165	115.42	76.65	30.183	780.86	26.553	0
"2013-06-02	14:00:00"	13.921	126.31	79.412	28.465	1082.4	26.533	0
"2013-06-02	15:00:00"	13.933	137.32	81.523	28.296	1078.9	26.503	0
"2013-06-02	16:00:00"	14.73	141.7	83.669	27.958	1014	26.48	0
"2013-06-02	17:00:00"	14.326	141.55	84.871	27.477	873.09	26.447	0
"2013-06-02	18:00:00"	14.884	142.83	85.786	27.159	691.12	26.406	0
"2013-06-02	19:00:00"	15.775	139.55	85.921	28.809	476.45	26.37	0
"2013-06-02	20:00:00"	16.425	142.58	85.476	30.798	243.72	26.361	0
"2013-06-02	21:00:00"	15.627	147.84	83.232	35.045	28.6	26.391	0
"2013-06-02	22:00:00"	13.433	153.26	81.518	38.585	0.14775	26.409	0
"2013-06-02	23:00:00"	12.599	159.94	80.184	43.172	0.10514	26.423	0
"2013-06-03	00:00:00"	13.481	164.75	78.889	48.158	0.08543	26.415	0
"2013-06-03	01:00:00"	17.26	165.27	78.074	52.828	0.11765	26.412	0
"2013-06-03	02:00:00"	11.42	162.29	76.055	56.175	0.0867	26.494	0
"2013-06-03	03:00:00"	20.697	6.0453	65.534	65.003	0.11722	26.48	0
"2013-06-03	04:00:00"	16.058	34.147	65.777	68.583	0.10938	26.45	0
"2013-06-03	05:00:00"	13.21	40.624	65.52	67.924	0.12486	26.444	0
"2013-06-03	06:00:00"	10.568	52.154	65.14	68.345	0.11595	26.45	0
"2013-06-03	07:00:00"	9.3311	58.26	64.599	70.476	2.0221	26.441	0
"2013-06-03	08:00:00"	8.0853	89.651	65.446	68.508	40.425	26.435	0
"2013-06-03	09:00:00"	10.372	130.5	69.546	57.786	263.43	26.432	0
"2013-06-03	10:00:00"	13.284	160.91	75.742	46.855	501.48	26.42	0
"2013-06-03	11:00:00"	12.977	186.57	78.884	43.009	706.95	26.418	0
"2013-06-03	12:00:00"	11.103	199.14	81.504	38.144	879.76	26.412	0
"2013-06-03	13:00:00"	11.968	224.51	84.598	33.236	1007.7	26.394	0
"2013-06-03	14:00:00"	12.577	217.52	86.978	30.326	1070.5	26.373	0
"2013-06-03	15:00:00"	11.722	205.39	89.711	26.552	1068.2	26.35	0
"2013-06-03	16:00:00"	11.507	213.78	92.27	22.482	996.92	26.332	0
"2013-06-03	17:00:00"	10.949	206.57	93.237	21.018	863.15	26.314	0
"2013-06-03	18:00:00"	9.8935	200.34	94.108	19.785	684.03	26.299	0
"2013-06-03	19:00:00"	12.481	189.53	93.746	20.15	471.95	26.279	0
"2013-06-03	20:00:00"	12.489	179.38	93.004	20.277	248.83	26.276	0
"2013-06-03	21:00:00"	11.42	175.69	91.417	20.89	53.421	26.282	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-03	22:00:00"	11.093	169.75	88.331	23.41	0.35146	26.288	0
"2013-06-03	23:00:00"	16.456	164.31	86.157	32.119	0.1168	26.311	0
"2013-06-04	00:00:00"	18.054	166.62	84.149	37.406	0.09433	26.314	0
"2013-06-04	01:00:00"	18.836	168.03	82.18	42.072	0.10811	26.314	0
"2013-06-04	02:00:00"	16.591	173.76	79.975	46.339	0.10578	26.311	0
"2013-06-04	03:00:00"	14.922	179.06	78.245	49.417	0.12782	26.308	0
"2013-06-04	04:00:00"	12.733	183.79	76.842	50.464	0.08055	26.299	0
"2013-06-04	05:00:00"	10.553	187.81	75.506	50.072	0.11341	26.305	0
"2013-06-04	06:00:00"	10.742	192.5	74.413	50.16	0.06953	26.308	0
"2013-06-04	07:00:00"	9.635	194.51	72.794	52.357	3.2407	26.314	0
"2013-06-04	08:00:00"	9.1801	192.5	72.311	53.149	95.794	26.323	0
"2013-06-04	09:00:00"	10.217	201.27	76.278	46.29	295.64	26.338	0
"2013-06-04	10:00:00"	10.612	224.92	82.147	36.279	525.95	26.344	0
"2013-06-04	11:00:00"	11.59	267.15	90.322	19.344	742.7	26.344	0
"2013-06-04	12:00:00"	10.572	275.72	94.715	11.351	916.83	26.35	0
"2013-06-04	13:00:00"	8.7769	291.89	96.707	9.0056	1046.3	26.341	0
"2013-06-04	14:00:00"	6.2727	265.86	98.686	6.2239	1113.1	26.329	0
"2013-06-04	15:00:00"	7.1215	261.87	100.32	5.5342	1108.2	26.311	0
"2013-06-04	16:00:00"	7.229	246.4	101.32	4.98	1033.9	26.299	0
"2013-06-04	17:00:00"	7.861	279.82	102.07	4.6683	898.4	26.285	0
"2013-06-04	18:00:00"	7.3744	268.28	101.92	4.5597	719.53	26.27	0
"2013-06-04	19:00:00"	6.6866	237.96	101.34	4.7986	502.56	26.258	0
"2013-06-04	20:00:00"	5.0461	226.41	100.29	5.2258	261.53	26.255	0
"2013-06-04	21:00:00"	2.501	241.42	97.993	6.2092	63.646	26.261	0
"2013-06-04	22:00:00"	4.989	175.65	92.297	9.9361	0.24356	26.279	0
"2013-06-04	23:00:00"	14.104	177.58	88.681	18.728	0.14033	26.302	0
"2013-06-05	00:00:00"	12.738	186.42	86.264	20.541	0.10005	26.305	0
"2013-06-05	01:00:00"	9.1292	184.64	81.897	24.289	0.09158	26.296	0
"2013-06-05	02:00:00"	5.9446	178.12	78.497	28.711	0.08564	26.296	0
"2013-06-05	03:00:00"	4.3254	178.99	75.216	32.508	0.10366	26.285	0
"2013-06-05	04:00:00"	4.5323	182.59	73.526	34.454	0.11447	26.285	0
"2013-06-05	05:00:00"	7.1383	180.46	71.081	37.543	0.11934	26.296	0
"2013-06-05	06:00:00"	8.0809	194.62	72.01	36.387	0.10896	26.299	0
"2013-06-05	07:00:00"	5.7912	214.41	70.718	37.77	3.2713	26.308	0
"2013-06-05	08:00:00"	4.8908	225.89	69.797	39.487	93.58	26.326	0
"2013-06-05	09:00:00"	6.6294	220.49	74.406	33.77	290.58	26.341	0
"2013-06-05	10:00:00"	6.2174	259.62	81.965	23.977	511.76	26.353	0
"2013-06-05	11:00:00"	11.418	343.38	86.755	16.391	726.65	26.361	0
"2013-06-05	12:00:00"	12.299	1.9809	85.975	27.733	892.12	26.361	0
"2013-06-05	13:00:00"	8.519	28.116	88.801	23.893	1020.5	26.358	0
"2013-06-05	14:00:00"	7.1917	31.284	91.716	15.771	1090.9	26.344	0
"2013-06-05	15:00:00"	7.0818	44.736	94.444	12.77	1085.4	26.326	0
"2013-06-05	16:00:00"	5.2406	113.06	96.755	10.379	1034.5	26.305	0
"2013-06-05	17:00:00"	7.2377	298.21	98.542	9.9064	937.62	26.291	0
"2013-06-05	18:00:00"	6.0596	239.25	98.977	10.271	655.68	26.267	0
"2013-06-05	19:00:00"	9.7394	80.927	95.716	16.277	364.13	26.258	0
"2013-06-05	20:00:00"	13.333	73.099	93.083	20.018	192.71	26.258	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-05	21:00:00"	12.685	77.659	90.025	23.813	54.247	26.279	0
"2013-06-05	22:00:00"	13.226	80.186	86.386	29.466	0.26179	26.261	0
"2013-06-05	23:00:00"	21.521	12.881	74.483	48.711	0.07886	26.406	0.18
"2013-06-06	00:00:00"	25.068	21.806	66.402	60.808	0.09624	26.415	0
"2013-06-06	01:00:00"	18.384	39.078	65.629	60.633	0.09348	26.397	0
"2013-06-06	02:00:00"	13.064	55.572	64.988	62.478	0.1257	26.385	0
"2013-06-06	03:00:00"	11.229	60.314	64.084	71.478	0.0814	26.379	0
"2013-06-06	04:00:00"	12.935	69.662	62.699	81.327	0.10684	26.391	0
"2013-06-06	05:00:00"	9.6841	54.428	61.456	86.025	0.10175	26.412	0
"2013-06-06	06:00:00"	9.4709	41.444	61.423	85.27	0.1115	26.423	0
"2013-06-06	07:00:00"	10.577	31.172	61.457	85.264	1.5227	26.441	0
"2013-06-06	08:00:00"	10.501	32.411	62.352	82.294	38.941	26.468	0
"2013-06-06	09:00:00"	12.2	35.252	63.604	78.756	152.27	26.48	0
"2013-06-06	10:00:00"	11.853	47.619	65.262	73.306	358.92	26.497	0
"2013-06-06	11:00:00"	11.082	58.925	67.308	67.174	610.48	26.5	0
"2013-06-06	12:00:00"	10.625	59.028	69.882	60.387	819.38	26.5	0
"2013-06-06	13:00:00"	11.662	59.64	72.51	54.039	955.32	26.491	0
"2013-06-06	14:00:00"	9.1901	72.304	74.246	49.331	958.29	26.477	0
"2013-06-06	15:00:00"	7.0855	76.317	76.155	45.83	674.56	26.465	0
"2013-06-06	16:00:00"	7.3023	70.379	77.43	43.902	760.33	26.447	0
"2013-06-06	17:00:00"	7.4111	74.007	78.909	40.755	805.46	26.426	0
"2013-06-06	18:00:00"	8.4395	64.574	79.6	40.929	554.58	26.418	0
"2013-06-06	19:00:00"	10.587	70.739	79.444	42.313	441.53	26.409	0
"2013-06-06	20:00:00"	11.351	67.812	77.751	45.321	243.73	26.412	0
"2013-06-06	21:00:00"	11.198	70.555	75.165	49.885	36.042	26.426	0
"2013-06-06	22:00:00"	8.7868	74.93	72.637	54.799	0.24547	26.438	0
"2013-06-06	23:00:00"	9.5436	76.051	70.776	59.246	0.06932	26.462	0
"2013-06-07	00:00:00"	9.1932	76.963	69.212	62.861	0.11786	26.471	0
"2013-06-07	01:00:00"	9.392	82.549	67.637	67.237	0.10493	26.477	0
"2013-06-07	02:00:00"	9.0496	87.23	66.243	72.017	0.07949	26.491	0
"2013-06-07	03:00:00"	7.5813	83.979	65.336	78.787	0.08712	26.521	0
"2013-06-07	04:00:00"	6.4523	105.74	65.278	82.161	0.08967	26.506	0.03
"2013-06-07	05:00:00"	8.1803	94.478	63.983	86.806	0.08119	26.483	0.02
"2013-06-07	06:00:00"	5.775	135.94	63.091	87.789	0.05808	26.491	0.01
"2013-06-07	07:00:00"	5.8918	132.49	62.844	86.983	2.2883	26.485	0
"2013-06-07	08:00:00"	4.5192	123.72	62.872	87.406	31.937	26.488	0
"2013-06-07	09:00:00"	6.1826	117.21	63.83	84.851	185.02	26.512	0
"2013-06-07	10:00:00"	10.289	148.32	65.506	80.69	404.44	26.527	0
"2013-06-07	11:00:00"	7.869	146.66	67.297	72.251	544.64	26.521	0
"2013-06-07	12:00:00"	7.5248	144.7	69.119	66.27	752.68	26.512	0
"2013-06-07	13:00:00"	6.9513	144.45	71.953	57.796	977.88	26.497	0
"2013-06-07	14:00:00"	7.0668	152.72	74.349	52.274	969.11	26.474	0
"2013-06-07	15:00:00"	7.1048	144.37	76.609	47.498	1047.5	26.45	0
"2013-06-07	16:00:00"	8.2344	163.13	78.577	44.342	996.35	26.423	0
"2013-06-07	17:00:00"	9.1298	131.13	80.802	40.807	863.05	26.397	0
"2013-06-07	18:00:00"	10.717	130.79	82.334	36.45	673.55	26.373	0
"2013-06-07	19:00:00"	11.177	124.06	81.958	35.31	317.3	26.353	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-07	20:00:00"	12.423	143.54	80.6	36.15	130.37	26.358	0
"2013-06-07	21:00:00"	11.003	134.8	78.704	41.626	32.542	26.356	0
"2013-06-07	22:00:00"	10.073	133.89	76.026	48.761	0.14457	26.397	0
"2013-06-07	23:00:00"	7.9436	137.15	74.401	53.669	0.09242	26.394	0
"2013-06-08	00:00:00"	6.036	138.76	72.759	58.128	0.085	26.409	0
"2013-06-08	01:00:00"	5.9347	121.35	71.331	63.632	0.08967	26.429	0
"2013-06-08	02:00:00"	11.869	13.521	68.368	64.19	0.09836	26.477	0
"2013-06-08	03:00:00"	11.153	46.167	62.417	79.934	0.10323	26.432	0
"2013-06-08	04:00:00"	17.565	120.26	61.289	84.414	0.08946	26.364	0.01
"2013-06-08	05:00:00"	13.685	86.299	60.483	86.79	0.10323	26.341	0
"2013-06-08	06:00:00"	7.0364	126.56	61.273	86.424	0.07144	26.347	0
"2013-06-08	07:00:00"	4.2775	205.15	61.639	84.619	3.4788	26.358	0
"2013-06-08	08:00:00"	4.1439	210.99	63.72	79.722	133.38	26.364	0
"2013-06-08	09:00:00"	7.8709	179.19	66.477	73.634	251.94	26.364	0
"2013-06-08	10:00:00"	10.925	190.3	68.364	68.893	466.98	26.367	0
"2013-06-08	11:00:00"	9.8692	193.95	70.81	63.086	697.87	26.356	0
"2013-06-08	12:00:00"	7.4067	205.97	74.335	55.021	878.97	26.353	0
"2013-06-08	13:00:00"	7.5639	190.74	78.898	44.134	1010.3	26.323	0
"2013-06-08	14:00:00"	9.1882	190.9	83.947	33.022	1078.2	26.302	0
"2013-06-08	15:00:00"	9.7555	200.35	86.831	29.181	1071.2	26.285	0
"2013-06-08	16:00:00"	8.45	208.82	89.397	25.501	1000.8	26.267	0
"2013-06-08	17:00:00"	9.3709	181.32	90.747	23.149	872.18	26.243	0
"2013-06-08	18:00:00"	10.274	162.32	92.18	20.715	690.23	26.22	0
"2013-06-08	19:00:00"	11.152	171.64	92.523	19.394	456.9	26.22	0
"2013-06-08	20:00:00"	11.853	167.53	92.347	19.688	278.01	26.211	0
"2013-06-08	21:00:00"	12.138	155.74	90.124	23.099	37.872	26.22	0
"2013-06-08	22:00:00"	19.102	155.9	85.418	35.325	0.19587	26.24	0
"2013-06-08	23:00:00"	18.357	153.26	82.366	42.094	0.06487	26.288	0
"2013-06-09	00:00:00"	12.755	152.61	79.844	47.22	0.09115	26.314	0
"2013-06-09	01:00:00"	14.012	177.31	78.35	51.068	0.09412	26.288	0
"2013-06-09	02:00:00"	11.269	180.53	76.723	55.987	0.09963	26.276	0
"2013-06-09	03:00:00"	9.6617	148.16	75.024	60.745	0.07949	26.279	0
"2013-06-09	04:00:00"	7.623	126.99	73.859	63.418	0.08394	26.291	0
"2013-06-09	05:00:00"	9.5536	99.309	72.675	67.077	0.08564	26.302	0
"2013-06-09	06:00:00"	12.602	85.909	72.06	69.259	0.07801	26.338	0
"2013-06-09	07:00:00"	16.203	85.452	71.193	74.681	3.234	26.356	0
"2013-06-09	08:00:00"	16.677	105.3	70.428	77.978	71.762	26.379	0
"2013-06-09	09:00:00"	16.619	111.46	71.538	72.716	203.41	26.403	0
"2013-06-09	10:00:00"	17.61	125.42	72.922	67.962	426.14	26.423	0
"2013-06-09	11:00:00"	14.377	139.72	77.692	53.344	703.45	26.438	0
"2013-06-09	12:00:00"	10.701	136.84	81.866	42.073	881.62	26.444	0
"2013-06-09	13:00:00"	10.374	122.33	85.522	32.167	1003	26.441	0
"2013-06-09	14:00:00"	11.167	113.25	87.248	28.864	1069.7	26.441	0
"2013-06-09	15:00:00"	10.504	111.13	88.425	26.505	1069.8	26.429	0
"2013-06-09	16:00:00"	11.236	110.65	89.63	24.454	985.75	26.42	0
"2013-06-09	17:00:00"	12.143	117.16	90.563	22.483	846.62	26.409	0
"2013-06-09	18:00:00"	12.505	106.51	90.206	24.998	697.25	26.403	0

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"2013-06-09	19:00:00"	12.829	104.23	89.406	26.461	487.62	26.403	0
"2013-06-09	20:00:00"	12.465	100.48	88.662	26.476	267.1	26.409	0
"2013-06-09	21:00:00"	11.848	104.23	86.959	28.153	67.086	26.426	0
"2013-06-09	22:00:00"	8.7725	116.17	84.012	28.263	0.46975	26.447	0
"2013-06-09	23:00:00"	10.675	124.91	81.589	27.803	0.10578	26.462	0
"2013-06-10	00:00:00"	9.922	134.31	79.661	30.012	0.08522	26.471	0
"2013-06-10	01:00:00"	10.405	137.08	77.517	40.07	0.09815	26.468	0
"2013-06-10	02:00:00"	10.098	145.24	75.954	47.313	0.10641	26.456	0
"2013-06-10	03:00:00"	8.9384	147.92	74.142	51.678	0.1009	26.45	0
"2013-06-10	04:00:00"	9.0826	152.93	72.819	56.582	0.08882	26.441	0
"2013-06-10	05:00:00"	5.8639	154.16	70.968	62.519	0.09751	26.447	0
"2013-06-10	06:00:00"	5.3196	158.75	70.056	66.292	0.11087	26.447	0
"2013-06-10	07:00:00"	6.3162	158.87	69.474	69.484	4.0976	26.462	0
"2013-06-10	08:00:00"	8.0604	158.26	70.234	71.951	96.428	26.471	0
"2013-06-10	09:00:00"	12.285	168.88	73.157	69.255	290	26.491	0
"2013-06-10	10:00:00"	15.974	177.24	76.366	62.234	511.01	26.5	0
"2013-06-10	11:00:00"	16.832	175.33	79.554	54.294	719.39	26.5	0
"2013-06-10	12:00:00"	16.427	174.81	83.563	42.046	897.25	26.494	0
"2013-06-10	13:00:00"	15.323	180.34	87.879	28.217	1029.1	26.485	0
"2013-06-10	14:00:00"	14.125	178.84	90.552	21.695	1095.3	26.468	0
"2013-06-10	15:00:00"	10.156	175.38	92.283	18.729	1092.1	26.453	0
"2013-06-10	16:00:00"	10.179	158.34	93.575	17.501	1022.6	26.432	0
"2013-06-10	17:00:00"	10.225	156.38	94.362	16.758	887.47	26.412	0
"2013-06-10	18:00:00"	11.063	157.17	94.914	15.728	709.25	26.403	0
"2013-06-10	19:00:00"	13.027	149.41	94.467	15.71	498.9	26.4	0
"2013-06-10	20:00:00"	14.103	148.15	92.963	17.016	272.59	26.403	0
"2013-06-10	21:00:00"	13.282	151.91	90.383	19.509	65.959	26.415	0
"2013-06-10	22:00:00"	9.4809	138.6	86.347	22.372	0.28638	26.438	0
"2013-06-10	23:00:00"	10.195	137.18	83.451	25.57	0.09115	26.462	0
"2013-06-11	00:00:00"	11.503	139.47	81.453	26.899	0.0761	26.468	0
"2013-06-11	01:00:00"	12.485	151.73	79.256	30.82	0.10429	26.453	0
"2013-06-11	02:00:00"	13.273	169.49	78.028	37.936	0.08649	26.462	0
"2013-06-11	03:00:00"	9.9189	175.18	75.582	44.826	0.07483	26.462	0
"2013-06-11	04:00:00"	5.7458	175.06	72.553	50.804	0.06974	26.453	0
"2013-06-11	05:00:00"	5.1959	172.58	70.307	56.092	0.10196	26.45	0
"2013-06-11	06:00:00"	7.3663	169.04	69.46	60.772	0.09348	26.453	0
"2013-06-11	07:00:00"	7.0035	156.65	68.972	65.439	4.2767	26.465	0
"2013-06-11	08:00:00"	8.5389	157.98	69.766	67.295	100.82	26.474	0
"2013-06-11	09:00:00"	15.488	165.7	74.497	59.285	298.35	26.48	0
"2013-06-11	10:00:00"	17.195	173.02	78.186	50.774	521.17	26.491	0
"2013-06-11	11:00:00"	14.406	182.39	80.943	44.477	731.59	26.488	0
"2013-06-11	12:00:00"	13.852	181.43	83.563	37.617	908.45	26.494	0
"2013-06-11	13:00:00"	13.277	184.77	86.035	31.904	1030.7	26.48	0
"2013-06-11	14:00:00"	12.514	178.45	88.433	27.843	1098.2	26.465	0
"2013-06-11	15:00:00"	12.512	160.4	90.96	22.882	1099.7	26.447	0
"2013-06-11	16:00:00"	13.693	153.26	92.641	20.123	1032.5	26.426	0
"2013-06-11	17:00:00"	14.152	153.23	93.733	18.172	904.07	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-11	18:00:00"	14.469	150.57	93.915	17.985	721.16	26.4	0
"2013-06-11	19:00:00"	14.497	158.3	93.431	17.852	510.65	26.388	0
"2013-06-11	20:00:00"	15.756	154.62	91.956	19.062	284.28	26.397	0
"2013-06-11	21:00:00"	15.429	153.28	89.457	20.733	73.851	26.418	0
"2013-06-11	22:00:00"	12.296	151.66	85.789	24.107	0.36778	26.429	0
"2013-06-11	23:00:00"	14.074	152.38	82.83	30.339	0.10917	26.447	0
"2013-06-12	00:00:00"	13.52	163.15	81.044	36.283	0.06296	26.462	0
"2013-06-12	01:00:00"	11.868	170.11	78.674	41.287	0.07992	26.456	0
"2013-06-12	02:00:00"	10.228	178.34	76.129	47.148	0.09666	26.453	0
"2013-06-12	03:00:00"	10.482	175.46	74.205	54.575	0.08606	26.456	0
"2013-06-12	04:00:00"	10.858	175.89	71.922	66.361	0.07546	26.45	0
"2013-06-12	05:00:00"	11.473	166.53	70.377	70.257	0.1062	26.447	0
"2013-06-12	06:00:00"	10.91	162.02	69.001	73.236	0.0797	26.459	0
"2013-06-12	07:00:00"	8.4774	171.83	67.512	77.561	4.4696	26.465	0
"2013-06-12	08:00:00"	8.7427	167.34	67.465	78.404	95.069	26.483	0
"2013-06-12	09:00:00"	12.911	165.61	70.451	72.693	288.88	26.488	0
"2013-06-12	10:00:00"	15.507	160.51	74.623	61.979	517.03	26.491	0
"2013-06-12	11:00:00"	14.707	171.75	78.477	52.783	730.73	26.488	0
"2013-06-12	12:00:00"	14.286	166.39	81.588	46.291	906.27	26.491	0
"2013-06-12	13:00:00"	12.665	158.88	84.78	38.991	1034.8	26.483	0
"2013-06-12	14:00:00"	11.195	135.32	87.438	32.628	1103.5	26.48	0
"2013-06-12	15:00:00"	11.292	154.47	89.803	28.146	1096.1	26.459	0
"2013-06-12	16:00:00"	10.871	149.11	91.694	24.768	1021.9	26.447	0
"2013-06-12	17:00:00"	11.17	126.09	93.114	23.232	888.77	26.426	0
"2013-06-12	18:00:00"	12.749	123.37	93.378	23.114	708.04	26.418	0
"2013-06-12	19:00:00"	12.71	130.32	92.406	24.453	496.75	26.409	0
"2013-06-12	20:00:00"	13.976	138.85	90.305	29.397	267.42	26.429	0
"2013-06-12	21:00:00"	14.262	141.59	87.128	34.908	64.235	26.444	0
"2013-06-12	22:00:00"	11.669	141.14	83.603	39.834	0.26349	26.471	0
"2013-06-12	23:00:00"	9.6598	140.4	81.316	43.108	0.09433	26.503	0
"2013-06-13	00:00:00"	8.7818	142.16	79.17	46.717	0.06656	26.506	0
"2013-06-13	01:00:00"	7.9573	140.65	77.487	50.391	0.11171	26.506	0
"2013-06-13	02:00:00"	7.9119	140.83	75.711	54.407	0.08967	26.494	0
"2013-06-13	03:00:00"	7.902	140.59	74.449	58.224	0.0814	26.491	0
"2013-06-13	04:00:00"	6.8711	138.25	73.336	61.366	0.09666	26.48	0
"2013-06-13	05:00:00"	6.5058	132.52	72.51	64.139	0.08288	26.488	0
"2013-06-13	06:00:00"	6.1205	112.37	71.506	67.007	0.09073	26.497	0
"2013-06-13	07:00:00"	4.7914	101.27	69.174	71.025	3.28	26.518	0
"2013-06-13	08:00:00"	7.5876	121.75	70.259	72.655	90.088	26.524	0
"2013-06-13	09:00:00"	13.27	147.2	72.058	72.739	189.89	26.539	0
"2013-06-13	10:00:00"	12.457	147.91	73.774	69.029	331.08	26.545	0
"2013-06-13	11:00:00"	12.609	148.79	76.476	61.843	692.63	26.542	0
"2013-06-13	12:00:00"	12.34	133.59	79.55	54.441	882.25	26.542	0
"2013-06-13	13:00:00"	13.103	142.03	82.159	48.021	890.06	26.521	0
"2013-06-13	14:00:00"	12.93	137.47	84.979	42.061	940.03	26.503	0
"2013-06-13	15:00:00"	14.7	134.12	86.842	37.738	864.95	26.474	0
"2013-06-13	16:00:00"	14.113	127.96	88.868	32.977	940.9	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-13	17:00:00"	13.492	129.64	89.754	30.682	748.8	26.438	0
"2013-06-13	18:00:00"	14.734	133.24	89.997	29.886	662.97	26.418	0
"2013-06-13	19:00:00"	12.509	146.04	86.183	39.457	314.96	26.406	0.05
"2013-06-13	20:00:00"	13.99	144.64	86.082	35.873	174.52	26.412	0
"2013-06-13	21:00:00"	11.795	124.59	83.993	38.582	69.509	26.429	0
"2013-06-13	22:00:00"	9.7605	108.73	82.249	42.544	0.28257	26.435	0
"2013-06-13	23:00:00"	22.628	137.69	72.574	67.937	0.08734	26.494	0.01
"2013-06-14	00:00:00"	14.71	155.51	69.816	80.169	0.06762	26.483	0.06
"2013-06-14	01:00:00"	9.9189	212.14	68.21	86.307	0.06868	26.471	0.01
"2013-06-14	02:00:00"	7.4266	159.67	68.092	87.417	0.06508	26.494	0
"2013-06-14	03:00:00"	8.345	148.17	68.742	86.169	0.05808	26.471	0
"2013-06-14	04:00:00"	5.954	169.7	68.216	87.833	0.05575	26.447	0
"2013-06-14	05:00:00"	4.8809	149.08	67.7	88.743	0.08734	26.459	0
"2013-06-14	06:00:00"	6.4386	137.22	67.89	88.369	0.05681	26.459	0
"2013-06-14	07:00:00"	5.2369	145.44	68	88.65	1.6831	26.468	0
"2013-06-14	08:00:00"	4.3111	114.9	68.434	88.54	44.748	26.477	0
"2013-06-14	09:00:00"	5.286	117.96	69.381	85.754	123.26	26.483	0
"2013-06-14	10:00:00"	8.204	125.18	70.88	79.646	290.08	26.491	0
"2013-06-14	11:00:00"	8.6513	142.39	71.615	76.139	272.02	26.488	0
"2013-06-14	12:00:00"	11.065	142.14	73.505	67.716	566.07	26.483	0
"2013-06-14	13:00:00"	11.138	123.55	73.76	66.547	646.13	26.48	0
"2013-06-14	14:00:00"	11.748	127.31	74.02	65.257	467.98	26.462	0
"2013-06-14	15:00:00"	14.53	134.12	74.207	66.361	932.5	26.441	0
"2013-06-14	16:00:00"	14.918	133.4	76.497	59.775	772.8	26.426	0
"2013-06-14	17:00:00"	13.263	134.97	78.384	52.988	810.74	26.418	0
"2013-06-14	18:00:00"	13.533	139.7	79.462	51.087	607.14	26.4	0
"2013-06-14	19:00:00"	12.977	144.58	78.919	51.317	221.27	26.388	0
"2013-06-14	20:00:00"	10.196	130.47	78.54	53.114	98.723	26.409	0
"2013-06-14	21:00:00"	11.345	149.53	76.806	58.822	15.978	26.423	0
"2013-06-14	22:00:00"	12.017	129.08	74.255	65.604	0.24802	26.447	0
"2013-06-14	23:00:00"	12.224	142.35	72.883	67.649	0.08055	26.465	0
"2013-06-15	00:00:00"	12.69	149.47	70.674	73.819	0.08882	26.471	0
"2013-06-15	01:00:00"	8.6199	170.27	69.608	76.902	0.07695	26.512	0
"2013-06-15	02:00:00"	9.9624	160.03	68.344	82.723	0.07652	26.418	0.14
"2013-06-15	03:00:00"	8.5314	118.78	67.348	86.529	0.05278	26.453	0
"2013-06-15	04:00:00"	3.5386	180.35	67.401	87.876	0.08352	26.447	0.01
"2013-06-15	05:00:00"	4.0774	169.49	66.676	88.131	0.09709	26.438	0
"2013-06-15	06:00:00"	4.8231	153.07	66.008	89.22	0.08076	26.441	0
"2013-06-15	07:00:00"	6.3566	169	65.676	89.757	1.7664	26.465	0
"2013-06-15	08:00:00"	5.1089	175.24	66.049	90.432	44.693	26.483	0
"2013-06-15	09:00:00"	4.5018	151.76	67.101	88.728	129.28	26.5	0
"2013-06-15	10:00:00"	4.3919	180.14	69.553	82.088	347.46	26.5	0
"2013-06-15	11:00:00"	6.7642	142.82	72.014	73.798	562.89	26.497	0
"2013-06-15	12:00:00"	4.8144	142.99	74.555	62.681	784.28	26.497	0
"2013-06-15	13:00:00"	6.1379	146.4	77.343	54.311	983.82	26.483	0
"2013-06-15	14:00:00"	5.6812	127.4	80.123	48.484	1042	26.465	0
"2013-06-15	15:00:00"	5.107	174.43	83.261	41.12	1041.6	26.444	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-15	16:00:00"	5.3662	176.05	86.086	35.258	975.63	26.418	0
"2013-06-15	17:00:00"	6.9985	182.25	87.932	32.403	849.42	26.409	0
"2013-06-15	18:00:00"	4.8989	140.51	89.001	29.379	653.2	26.394	0
"2013-06-15	19:00:00"	5.5321	148.58	88.761	30.833	245.58	26.388	0
"2013-06-15	20:00:00"	7.4074	139.81	88.313	31.195	200.13	26.391	0
"2013-06-15	21:00:00"	8.3419	132.25	87.21	32.559	82.905	26.4	0
"2013-06-15	22:00:00"	6.7214	129.25	84.031	38.404	0.66689	26.415	0
"2013-06-15	23:00:00"	9.0782	131.99	81.303	44.718	0.09539	26.438	0
"2013-06-16	00:00:00"	11.687	165.87	78.724	54.944	0.09264	26.45	0
"2013-06-16	01:00:00"	10.74	170.45	76.168	62.241	0.09581	26.447	0
"2013-06-16	02:00:00"	9.4088	171.16	74.343	66.428	0.09772	26.441	0
"2013-06-16	03:00:00"	7.3688	175.89	72.269	72.644	0.09391	26.444	0
"2013-06-16	04:00:00"	6.1081	177.83	70.534	78.637	0.11171	26.423	0
"2013-06-16	05:00:00"	5.9527	149.03	69.363	84.957	0.09348	26.441	0
"2013-06-16	06:00:00"	3.3107	295.77	68.08	88.118	0.08903	26.483	0
"2013-06-16	07:00:00"	3.7854	148.51	69.035	88.537	2.435	26.477	0
"2013-06-16	08:00:00"	3.3977	96.159	68.613	87.595	76.211	26.48	0
"2013-06-16	09:00:00"	8.1859	159.07	70.943	83.698	262.69	26.48	0
"2013-06-16	10:00:00"	11.121	165.13	75.184	71.982	484.88	26.488	0
"2013-06-16	11:00:00"	6.4548	164.66	79.226	60.142	684.51	26.503	0
"2013-06-16	12:00:00"	7.0084	160.72	82.54	51.098	853.53	26.497	0
"2013-06-16	13:00:00"	8.2207	153.91	85.485	43.685	978.26	26.488	0
"2013-06-16	14:00:00"	8.7526	132.53	88.306	37.777	1045.8	26.48	0
"2013-06-16	15:00:00"	8.4581	143.66	89.914	33.174	944.72	26.459	0
"2013-06-16	16:00:00"	7.9747	137.49	91.377	30.793	979.56	26.441	0
"2013-06-16	17:00:00"	8.2077	120.88	92.617	28.358	537.91	26.429	0
"2013-06-16	18:00:00"	6.9923	117.3	91.371	29.336	68.267	26.403	0
"2013-06-16	19:00:00"	9.1354	143.54	90.824	29.424	37.46	26.403	0
"2013-06-16	20:00:00"	11.805	156.96	89.806	31.985	44.062	26.418	0
"2013-06-16	21:00:00"	13.969	211.82	82.087	43.523	54.576	26.418	0
"2013-06-16	22:00:00"	6.822	212.72	80.215	46.359	1.914	26.409	0
"2013-06-16	23:00:00"	3.3654	88.579	77.245	51.984	0.07822	26.412	0
"2013-06-17	00:00:00"	4.7951	148.58	77.866	51.759	0.08479	26.444	0
"2013-06-17	01:00:00"	3.9606	186.8	76.725	53.056	0.08098	26.459	0
"2013-06-17	02:00:00"	4.6976	65.328	75.769	58.006	0.092	26.432	0
"2013-06-17	03:00:00"	10.389	169.9	75.511	68.724	0.10429	26.438	0
"2013-06-17	04:00:00"	13.144	257.85	75.363	64.885	0.09009	26.456	0
"2013-06-17	05:00:00"	10.967	297.48	73.59	59.364	0.07652	26.406	0
"2013-06-17	06:00:00"	4.6249	9.4197	76.463	43.506	0.09052	26.379	0
"2013-06-17	07:00:00"	8.908	136.49	72.394	70.586	1.6017	26.409	0
"2013-06-17	08:00:00"	6.5381	204.93	70.616	83.172	71.903	26.444	0
"2013-06-17	09:00:00"	4.6659	207.25	71.765	83.353	114.26	26.471	0
"2013-06-17	10:00:00"	3.9768	164.54	74.076	76.604	320.69	26.48	0
"2013-06-17	11:00:00"	2.685	131.5	78.165	62.545	689.25	26.477	0
"2013-06-17	12:00:00"	3.9196	124.27	82.7	48.979	849.48	26.48	0
"2013-06-17	13:00:00"	7.1501	127.16	86.548	41.054	973.46	26.471	0
"2013-06-17	14:00:00"	8.189	129.61	88.604	36.69	1040.7	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-17	15:00:00"	9.1509	147.26	90.699	33.07	1036.6	26.429	0
"2013-06-17	16:00:00"	9.584	139.6	92.112	30.198	931.77	26.415	0
"2013-06-17	17:00:00"	9.7742	156.04	93.197	27.559	677.63	26.388	0
"2013-06-17	18:00:00"	9.9227	153.49	92.837	26.858	275.28	26.367	0
"2013-06-17	19:00:00"	11.138	162.82	92.071	27.345	115.25	26.344	0
"2013-06-17	20:00:00"	12.401	173.21	75.84	58.311	4.4253	26.394	0.84
"2013-06-17	21:00:00"	12.013	95.044	71.277	72.451	10.684	26.441	0
"2013-06-17	22:00:00"	5.9297	85.696	71.397	73.445	1.5581	26.426	0
"2013-06-17	23:00:00"	10.481	34.925	70.366	76.25	0.08331	26.474	0
"2013-06-18	00:00:00"	13.607	61.418	69.16	78	0.08437	26.488	0
"2013-06-18	01:00:00"	13.82	67.545	68.121	78.396	0.1062	26.518	0
"2013-06-18	02:00:00"	16.796	63.909	66.437	77.412	0.1009	26.521	0
"2013-06-18	03:00:00"	13.419	72.164	66.18	78.507	0.09942	26.509	0
"2013-06-18	04:00:00"	11.12	108.19	65.377	80.166	0.10429	26.494	0
"2013-06-18	05:00:00"	5.4041	134.01	65.05	84.159	0.09179	26.515	0
"2013-06-18	06:00:00"	3.5089	165.79	64.645	86.198	0.08352	26.503	0
"2013-06-18	07:00:00"	4.3136	219.26	64.7	85.839	0.57404	26.533	0
"2013-06-18	08:00:00"	8.4724	9.3295	64.999	86.303	26.12	26.568	0
"2013-06-18	09:00:00"	11.018	33.937	66.264	81.819	246.53	26.565	0
"2013-06-18	10:00:00"	9.4604	40.081	68.587	74.772	481.49	26.553	0
"2013-06-18	11:00:00"	3.3585	44.081	72.358	61.171	687.03	26.553	0
"2013-06-18	12:00:00"	2.9176	156.7	76.699	51.087	851.13	26.542	0
"2013-06-18	13:00:00"	3.005	135.24	79.902	41.717	976.81	26.524	0
"2013-06-18	14:00:00"	6.5176	168.14	82.195	37.953	1045.2	26.509	0
"2013-06-18	15:00:00"	4.9784	132.55	83.867	34.609	1047.4	26.494	0
"2013-06-18	16:00:00"	5.9092	133.65	84.827	33.428	982.94	26.477	0
"2013-06-18	17:00:00"	6.9308	116.18	85.943	33.04	855.99	26.456	0
"2013-06-18	18:00:00"	8.834	137.1	86.275	35.652	697.35	26.438	0
"2013-06-18	19:00:00"	10.668	135.24	86.391	35.977	470.96	26.415	0
"2013-06-18	20:00:00"	9.822	134.73	86.579	33.539	257.23	26.415	0
"2013-06-18	21:00:00"	9.5182	126.12	85.716	35.423	67.764	26.418	0
"2013-06-18	22:00:00"	10.945	99.705	80.97	46.28	0.63975	26.412	0
"2013-06-18	23:00:00"	11.129	99.655	77.973	51.485	0.07695	26.42	0
"2013-06-19	00:00:00"	10.488	98.799	76.256	54.886	0.08458	26.429	0
"2013-06-19	01:00:00"	10.313	102.43	75.386	56.8	0.09921	26.423	0
"2013-06-19	02:00:00"	9.9519	111.39	74.606	57.596	0.11807	26.42	0
"2013-06-19	03:00:00"	11.181	122.33	73.737	60.398	0.10408	26.406	0
"2013-06-19	04:00:00"	10.127	119.79	72.908	63.776	0.0973	26.4	0
"2013-06-19	05:00:00"	8.4165	125.85	71.655	67.789	0.07292	26.394	0
"2013-06-19	06:00:00"	6.9954	122.25	70.446	72.013	0.08119	26.403	0
"2013-06-19	07:00:00"	4.0489	114.98	69.057	76.716	3.1093	26.412	0
"2013-06-19	08:00:00"	4.9275	113.66	69.02	80.312	79.907	26.418	0
"2013-06-19	09:00:00"	13.164	153.66	72.661	78.296	234.55	26.42	0
"2013-06-19	10:00:00"	15.563	160.28	75.947	68.629	448.87	26.42	0
"2013-06-19	11:00:00"	13.876	169.89	79.766	57.004	644.38	26.409	0
"2013-06-19	12:00:00"	13.592	187.59	83.724	47.201	817.63	26.412	0
"2013-06-19	13:00:00"	11.957	170.45	87.352	40.649	948.77	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-19	14:00:00"	12.435	163.85	90.468	34.499	1004	26.388	0.1
"2013-06-19	15:00:00"	12.454	157.8	93.105	29.77	649.52	26.347	0
"2013-06-19	16:00:00"	12.799	158.71	94.128	26.141	308.94	26.329	0
"2013-06-19	17:00:00"	15.146	172.93	92.843	25.861	82.493	26.323	0
"2013-06-19	18:00:00"	17.659	185.71	91.735	24.509	17.291	26.347	0
"2013-06-19	19:00:00"	14.449	203.72	86.821	25.197	23.792	26.288	0
"2013-06-19	20:00:00"	17.236	179.54	83.591	34.457	13.786	26.308	0
"2013-06-19	21:00:00"	20.351	154.23	85.608	37.208	89.166	26.338	0
"2013-06-19	22:00:00"	22.486	151.52	84.195	39.132	3.0332	26.376	0
"2013-06-19	23:00:00"	20.221	137.48	82.335	44.572	0.08076	26.42	0
"2013-06-20	00:00:00"	16.495	121.59	80.506	48.895	0.09052	26.423	0
"2013-06-20	01:00:00"	12.959	115.9	78.493	50.277	0.07419	26.42	0
"2013-06-20	02:00:00"	9.589	121.52	76.268	54.213	0.06084	26.403	0
"2013-06-20	03:00:00"	9.3429	177.1	74.278	58.065	0.06381	26.426	0
"2013-06-20	04:00:00"	9.09	186.33	73.536	63.258	0.06932	26.423	0
"2013-06-20	05:00:00"	3.5573	266.42	72.901	68.434	0.07292	26.4	0
"2013-06-20	06:00:00"	5.4556	148.3	72.969	67.054	0.06487	26.379	0
"2013-06-20	07:00:00"	8.7253	186.5	72.365	66.056	2.8876	26.373	0
"2013-06-20	08:00:00"	7.3987	195.39	71.745	65.495	45.497	26.385	0
"2013-06-20	09:00:00"	10.4	187.12	74.855	57.177	266.98	26.403	0
"2013-06-20	10:00:00"	13.821	176.75	77.101	52.035	338.65	26.418	0
"2013-06-20	11:00:00"	13.926	171.42	81.088	46.578	695.57	26.429	0
"2013-06-20	12:00:00"	14.242	172.28	84.898	41.391	818.91	26.447	0
"2013-06-20	13:00:00"	15.334	162.09	87.826	35.985	1005.3	26.435	0
"2013-06-20	14:00:00"	16.897	163.1	92.247	27.328	1038.7	26.415	0
"2013-06-20	15:00:00"	17.34	167.97	94.581	22.629	1049.1	26.4	0
"2013-06-20	16:00:00"	18.091	164.29	95.933	18.748	988.48	26.373	0
"2013-06-20	17:00:00"	18.194	165.5	96.303	18.368	849.91	26.353	0
"2013-06-20	18:00:00"	18.052	162.22	94.699	18.266	295.32	26.338	0
"2013-06-20	19:00:00"	19.609	160.14	91.888	20.031	78.406	26.358	0
"2013-06-20	20:00:00"	14.999	163.16	89.235	23.386	8.8436	26.412	0
"2013-06-20	21:00:00"	14.074	164.83	87.53	26.971	2.0774	26.441	0
"2013-06-20	22:00:00"	12.371	174.93	85.564	30.491	0.11807	26.426	0
"2013-06-20	23:00:00"	20.791	153.81	83.499	37.309	0.07271	26.456	0
"2013-06-21	00:00:00"	24.186	171.84	81.267	48.249	0.09242	26.506	0
"2013-06-21	01:00:00"	7.4686	238.76	75.869	52.781	0.08033	26.521	0
"2013-06-21	02:00:00"	5.8713	106.62	74.839	56.363	0.09539	26.485	0
"2013-06-21	03:00:00"	5.1449	63.26	74.185	56.445	0.08437	26.468	0
"2013-06-21	04:00:00"	8.3916	128.25	73.861	59.333	0.06211	26.456	0
"2013-06-21	05:00:00"	4.9971	123.78	73.717	63.828	0.11002	26.453	0
"2013-06-21	06:00:00"	5.2344	159.79	73.001	69.136	0.0884	26.447	0
"2013-06-21	07:00:00"	5.8738	155.52	71.986	71.727	1.0574	26.453	0
"2013-06-21	08:00:00"	7.9946	157.78	72.043	72.669	73.458	26.471	0
"2013-06-21	09:00:00"	14.683	160.3	74.136	69.262	251.22	26.477	0
"2013-06-21	10:00:00"	17.035	170.89	76.133	63.518	467.04	26.483	0
"2013-06-21	11:00:00"	16.817	179.67	79.104	56.299	670.28	26.48	0
"2013-06-21	12:00:00"	15.636	178.41	82.073	49.705	846.4	26.477	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-21	13:00:00"	14.749	178.21	85.125	42.724	973.85	26.465	0
"2013-06-21	14:00:00"	15.326	172.54	88.304	35.552	1042.9	26.441	0
"2013-06-21	15:00:00"	14.681	177.86	90.437	30.368	833.63	26.426	0
"2013-06-21	16:00:00"	14.361	178.4	92.379	27.207	936.7	26.403	0
"2013-06-21	17:00:00"	14.017	171.1	93.799	25.332	842.5	26.388	0
"2013-06-21	18:00:00"	14.494	164.75	94.226	24.26	670.39	26.358	0
"2013-06-21	19:00:00"	15.147	159.2	94.308	24.129	474.14	26.356	0
"2013-06-21	20:00:00"	17.93	145.94	91.396	30.086	159.96	26.358	0
"2013-06-21	21:00:00"	22.855	158.99	86.29	37.821	52.568	26.356	0
"2013-06-21	22:00:00"	10.748	143.9	79.877	53.945	0.16683	26.394	0.04
"2013-06-21	23:00:00"	14.687	142.46	78.488	53.997	0.1062	26.42	0
"2013-06-22	00:00:00"	11.511	128.3	78.038	53.088	0.09136	26.485	0
"2013-06-22	01:00:00"	13.332	140.66	77.588	53.169	0.08225	26.474	0
"2013-06-22	02:00:00"	17.95	157.01	77.29	52.052	0.10239	26.397	0
"2013-06-22	03:00:00"	22.042	170.64	76.377	51.37	0.09793	26.391	0
"2013-06-22	04:00:00"	13.912	164.62	75.165	50.159	0.08903	26.397	0
"2013-06-22	05:00:00"	11.666	178.18	73.895	50.897	0.07419	26.397	0
"2013-06-22	06:00:00"	10.315	185.2	72.449	53.379	0.10578	26.391	0
"2013-06-22	07:00:00"	9.3044	186.29	71.703	55.095	3.333	26.409	0
"2013-06-22	08:00:00"	9.0192	181.26	71.613	56.783	83.602	26.412	0
"2013-06-22	09:00:00"	14.293	189.34	74.057	53.398	247.36	26.423	0
"2013-06-22	10:00:00"	14.424	187.03	77.391	49.18	424.54	26.42	0
"2013-06-22	11:00:00"	13.61	188.9	80.82	44.854	621.56	26.42	0
"2013-06-22	12:00:00"	13.77	196.29	85.168	38.186	833.32	26.42	0
"2013-06-22	13:00:00"	11.882	204.16	88.867	32.134	916.74	26.415	0
"2013-06-22	14:00:00"	11.029	199.27	91.504	28.128	1016.5	26.397	0
"2013-06-22	15:00:00"	9.3672	186.74	93.863	24.151	1036.9	26.373	0
"2013-06-22	16:00:00"	10.543	172.6	95.955	20.797	976.29	26.35	0
"2013-06-22	17:00:00"	11.65	161.95	96.781	19.144	816.39	26.326	0
"2013-06-22	18:00:00"	12.557	157.34	96.857	18.304	480.96	26.311	0
"2013-06-22	19:00:00"	12.536	157.77	95.771	18.62	188.63	26.294	0
"2013-06-22	20:00:00"	18.132	159.14	94.296	25.222	219.42	26.299	0
"2013-06-22	21:00:00"	22.527	166.34	89.165	33.788	26.518	26.323	0
"2013-06-22	22:00:00"	19.399	162.28	84.938	39.36	0.4123	26.347	0
"2013-06-22	23:00:00"	16.958	165.65	81.961	41.701	0.0725	26.361	0
"2013-06-23	00:00:00"	17.984	159.95	79.92	42.889	0.09115	26.364	0
"2013-06-23	01:00:00"	15.734	163.15	78.09	43.9	0.09301	26.373	0
"2013-06-23	02:00:00"	15.659	173.12	76.754	46.275	0.09052	26.367	0
"2013-06-23	03:00:00"	12.289	176.23	75.822	45.391	0.08882	26.367	0
"2013-06-23	04:00:00"	10.801	185.42	74.809	45.031	0.10048	26.361	0
"2013-06-23	05:00:00"	10.291	177.33	74.154	44.666	0.11871	26.353	0
"2013-06-23	06:00:00"	9.3255	175.84	73.962	43.99	0.08776	26.353	0
"2013-06-23	07:00:00"	7.1041	181.22	72.791	46.01	1.8489	26.361	0
"2013-06-23	08:00:00"	10.601	189.48	73.644	45.184	78.62	26.367	0
"2013-06-23	09:00:00"	15.643	189.18	75.62	44.131	215.81	26.379	0
"2013-06-23	10:00:00"	14.895	190.56	78.353	43.541	498.19	26.382	0
"2013-06-23	11:00:00"	12.593	190.17	81.449	40.892	661.78	26.379	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-23	12:00:00"	10.018	199.96	85.613	33.95	846.66	26.385	0
"2013-06-23	13:00:00"	8.012	210.69	89.126	27.436	969.01	26.37	0
"2013-06-23	14:00:00"	8.2021	197.37	92.626	22.548	1046.8	26.358	0
"2013-06-23	15:00:00"	5.4121	192.65	94.739	18.503	1053.2	26.338	0
"2013-06-23	16:00:00"	5.7943	150.79	96.331	15.993	984.29	26.317	0
"2013-06-23	17:00:00"	9.2541	156.65	97.561	16.013	857.25	26.305	0
"2013-06-23	18:00:00"	12.081	166.35	97.756	16.427	676.87	26.288	0
"2013-06-23	19:00:00"	13.439	177.73	97.611	15.951	462.53	26.282	0
"2013-06-23	20:00:00"	13.586	158.93	96.271	18.214	190.34	26.285	0
"2013-06-23	21:00:00"	20.462	156.21	91.263	27.526	37.966	26.308	0
"2013-06-23	22:00:00"	20.261	157.19	87.239	32.285	0.42099	26.326	0
"2013-06-23	23:00:00"	18.759	160.63	83.572	40.188	0.10005	26.358	0
"2013-06-24	00:00:00"	18.429	164.71	80.796	44.061	0.09518	26.376	0
"2013-06-24	01:00:00"	18.985	167.71	79.051	46.007	0.08477	26.382	0
"2013-06-24	02:00:00"	17.124	168.24	77.761	46.907	0.08585	26.379	0
"2013-06-24	03:00:00"	15.147	169.01	76.79	49.58	0.05808	26.373	0
"2013-06-24	04:00:00"	14.689	168.03	76.057	50.788	0.10111	26.364	0
"2013-06-24	05:00:00"	14.008	173.71	75.132	52.636	0.10599	26.379	0
"2013-06-24	06:00:00"	11.287	169.29	74.053	55.506	0.08267	26.382	0
"2013-06-24	07:00:00"	12.339	165.71	73.063	61.076	3.6643	26.403	0
"2013-06-24	08:00:00"	12.737	165.53	72.781	66.645	84.355	26.394	0
"2013-06-24	09:00:00"	16.115	157.09	74.204	65.682	264.08	26.403	0
"2013-06-24	10:00:00"	15.683	168.17	77.198	58.331	493.45	26.415	0
"2013-06-24	11:00:00"	16.005	175.74	80.592	50.865	672.88	26.415	0
"2013-06-24	12:00:00"	15.354	181.34	83.946	44.132	872.48	26.418	0
"2013-06-24	13:00:00"	13.776	186.92	87.431	37.364	971.97	26.412	0
"2013-06-24	14:00:00"	11.397	188.09	90.772	30.008	947.46	26.394	0
"2013-06-24	15:00:00"	10.23	176.04	92.912	26.188	1058.9	26.373	0
"2013-06-24	16:00:00"	8.4252	177.77	94.747	22.483	900.14	26.353	0
"2013-06-24	17:00:00"	11.037	177.68	95.989	20.846	775.26	26.341	0
"2013-06-24	18:00:00"	12.741	173.83	95.375	22.346	474.67	26.32	0
"2013-06-24	19:00:00"	17.118	166.01	95.166	25.579	500.52	26.317	0
"2013-06-24	20:00:00"	20.355	160.07	91.869	31.454	255.92	26.329	0
"2013-06-24	21:00:00"	19.704	158.93	87.752	36.778	55.402	26.335	0
"2013-06-24	22:00:00"	19.093	162.47	84.289	40.684	0.3574	26.353	0
"2013-06-24	23:00:00"	14.324	162.89	81.613	44.184	0.08861	26.388	0
"2013-06-25	00:00:00"	14.915	170.47	80.092	47.572	0.08013	26.394	0
"2013-06-25	01:00:00"	14.435	170.23	78.745	51.175	0.11256	26.4	0
"2013-06-25	02:00:00"	13.291	169.97	77.275	54.813	0.0831	26.391	0
"2013-06-25	03:00:00"	11.333	172.59	76.073	57.288	0.09073	26.397	0
"2013-06-25	04:00:00"	11.039	174.62	75.324	59.072	0.11256	26.385	0
"2013-06-25	05:00:00"	12.324	174.24	74.981	57.836	0.09793	26.385	0
"2013-06-25	06:00:00"	11.715	183.53	74.832	54.269	0.09136	26.394	0
"2013-06-25	07:00:00"	11.304	183	73.9	56.621	2.1944	26.394	0
"2013-06-25	08:00:00"	12.395	191.75	73.635	59.386	75.25	26.406	0
"2013-06-25	09:00:00"	14.688	191.87	76.055	56.7	263.53	26.415	0
"2013-06-25	10:00:00"	15.091	194.18	79.425	51.506	476.33	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-25	11:00:00"	12.229	194.51	83.556	45.101	674.6	26.42	0
"2013-06-25	12:00:00"	9.8928	220.37	88.743	34.985	849.04	26.418	0
"2013-06-25	13:00:00"	7.3651	236.53	93.035	25.74	977.84	26.409	0
"2013-06-25	14:00:00"	5.6694	266.28	96.393	19.777	1046.3	26.397	0
"2013-06-25	15:00:00"	4.5764	244.69	99.076	14.688	1049.1	26.376	0
"2013-06-25	16:00:00"	6.6176	189.99	100.29	13.995	963.63	26.361	0
"2013-06-25	17:00:00"	6.7841	271.44	101.99	12.005	848.73	26.344	0
"2013-06-25	18:00:00"	10.149	216.88	101.91	12.273	637.08	26.326	0
"2013-06-25	19:00:00"	6.0584	216.84	101.44	12.247	394.17	26.308	0
"2013-06-25	20:00:00"	8.6072	216.32	101.1	12.077	245.6	26.317	0
"2013-06-25	21:00:00"	7.5509	218.03	99.079	13.64	50.39	26.317	0
"2013-06-25	22:00:00"	16.263	167.85	91.844	29.444	1.0052	26.35	0
"2013-06-25	23:00:00"	17.845	161.05	88.463	39.45	0.08818	26.376	0
"2013-06-26	00:00:00"	15.481	158.34	84.767	44.556	0.09369	26.382	0
"2013-06-26	01:00:00"	12.845	176.37	82.338	48.223	0.09264	26.382	0
"2013-06-26	02:00:00"	11.086	179.83	80.19	53.233	0.07589	26.379	0
"2013-06-26	03:00:00"	10.391	179.41	78.257	58.043	0.10493	26.37	0
"2013-06-26	04:00:00"	9.6101	186.47	77.105	60.771	0.07504	26.376	0
"2013-06-26	05:00:00"	8.7284	181.07	75.607	63.703	0.10196	26.376	0
"2013-06-26	06:00:00"	7.6547	187.07	74.944	64.157	0.09115	26.379	0
"2013-06-26	07:00:00"	6.2877	183.97	73.518	66.488	2.6324	26.391	0
"2013-06-26	08:00:00"	9.5455	192.42	74	65.323	86.299	26.397	0
"2013-06-26	09:00:00"	11.855	192.78	77.997	56.598	275.45	26.406	0
"2013-06-26	10:00:00"	11.337	193.63	82.684	46.524	495.09	26.415	0
"2013-06-26	11:00:00"	8.9832	223.49	87.57	36.136	705.43	26.418	0
"2013-06-26	12:00:00"	7.5646	230.61	92.65	25.796	881.04	26.423	0
"2013-06-26	13:00:00"	6.2069	253.71	97.91	14.661	1007.1	26.418	0
"2013-06-26	14:00:00"	4.9946	226	100.67	11.23	1073.8	26.403	0
"2013-06-26	15:00:00"	6.5368	229.36	102.71	7.4189	1081.1	26.394	0
"2013-06-26	16:00:00"	6.7997	208.33	104.1	6.4411	1009.4	26.376	0
"2013-06-26	17:00:00"	8.5525	207.02	104.77	6.17	879.99	26.358	0
"2013-06-26	18:00:00"	8.8812	192.65	104.46	6.0056	707.04	26.35	0
"2013-06-26	19:00:00"	8.6874	182.2	104.19	5.7689	504.34	26.344	0
"2013-06-26	20:00:00"	7.3701	202.67	103.61	6.1439	278.07	26.347	0
"2013-06-26	21:00:00"	5.4034	200.38	101.39	6.7306	71.19	26.358	0
"2013-06-26	22:00:00"	4.0899	180.84	95.389	9.6906	0.92084	26.373	0
"2013-06-26	23:00:00"	13.611	164.21	91.91	21.662	0.08543	26.397	0
"2013-06-27	00:00:00"	18.542	170.93	89.625	35.304	0.10705	26.423	0
"2013-06-27	01:00:00"	16.553	169.35	86.127	40.603	0.09285	26.426	0
"2013-06-27	02:00:00"	13.375	173.37	83.121	45.633	0.08649	26.429	0
"2013-06-27	03:00:00"	12.04	169.07	80.773	49.335	0.08416	26.429	0
"2013-06-27	04:00:00"	10.823	166.75	78.613	54.113	0.11574	26.429	0
"2013-06-27	05:00:00"	9.8382	163.63	77.113	58.729	0.07334	26.426	0
"2013-06-27	06:00:00"	9.0378	170.15	76.388	59.01	0.07801	26.438	0
"2013-06-27	07:00:00"	5.8334	176.17	74.925	58.027	2.4793	26.444	0
"2013-06-27	08:00:00"	7.0246	175.15	75.339	54.298	79.202	26.453	0
"2013-06-27	09:00:00"	11.939	172.81	79.396	49.256	263.13	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-27	10:00:00"	12.658	165.69	83.021	45.151	477.82	26.483	0
"2013-06-27	11:00:00"	13.445	169	85.891	41.467	684.12	26.488	0
"2013-06-27	12:00:00"	11.944	166.86	91.23	31.559	861.9	26.483	0
"2013-06-27	13:00:00"	11.689	170.28	96.929	19.441	990.31	26.474	0
"2013-06-27	14:00:00"	14.26	153.51	98.842	18.017	1058.6	26.477	0
"2013-06-27	15:00:00"	12.529	152.02	100.17	14.443	1061.8	26.462	0
"2013-06-27	16:00:00"	12.007	148.45	101.65	11.301	998.19	26.453	0
"2013-06-27	17:00:00"	12.155	150.81	102.16	11.449	878.96	26.441	0
"2013-06-27	18:00:00"	11.689	136.93	102.27	11.264	711.64	26.432	0
"2013-06-27	19:00:00"	12.076	133.79	101.27	11.397	486.21	26.429	0
"2013-06-27	20:00:00"	12.162	148.04	99.705	12.686	261.12	26.438	0
"2013-06-27	21:00:00"	13.025	148.52	96.858	14.762	64.992	26.444	0
"2013-06-27	22:00:00"	9.968	155.75	93.121	17.968	0.58718	26.465	0
"2013-06-27	23:00:00"	8.3723	162.89	89.659	21.812	0.09857	26.497	0
"2013-06-28	00:00:00"	7.5323	165.42	86.794	24.883	0.10387	26.509	0
"2013-06-28	01:00:00"	8.2586	176.91	83.84	27.918	0.0725	26.503	0
"2013-06-28	02:00:00"	7.9517	179.61	81.479	29.721	0.09603	26.509	0
"2013-06-28	03:00:00"	5.821	179.58	79.04	33.182	0.09666	26.515	0
"2013-06-28	04:00:00"	4.6062	177.68	76.713	36.631	0.08861	26.521	0
"2013-06-28	05:00:00"	5.3264	150.49	76.077	38.571	0.1257	26.586	0
"2013-06-28	06:00:00"	2.5936	303.83	76.853	37.299	0.09581	26.553	0
"2013-06-28	07:00:00"	2.4302	233.63	74.045	41.311	0.66752	26.562	0
"2013-06-28	08:00:00"	2.936	248.28	74.029	42.374	37.207	26.55	0
"2013-06-28	09:00:00"	6.3746	196.05	76.618	40.484	149.45	26.556	0
"2013-06-28	10:00:00"	9.1304	214.13	79.699	39.197	237.99	26.571	0
"2013-06-28	11:00:00"	7.344	234.59	84.309	31.853	519.31	26.58	0
"2013-06-28	12:00:00"	6.0453	262.7	88.335	25.737	693.28	26.577	0
"2013-06-28	13:00:00"	3.617	230.21	91.922	21.895	908.4	26.565	0
"2013-06-28	14:00:00"	3.5257	219.49	94.206	19.674	956.09	26.55	0
"2013-06-28	15:00:00"	7.0687	66.272	95.55	19.041	827.87	26.524	0
"2013-06-28	16:00:00"	8.5675	65.938	96.462	17.437	821.49	26.509	0
"2013-06-28	17:00:00"	7.426	62.785	97.566	16.019	740.04	26.48	0
"2013-06-28	18:00:00"	7.8454	90.086	98.398	16.111	672.94	26.459	0
"2013-06-28	19:00:00"	8.9421	82.392	98.421	15.976	386.51	26.45	0
"2013-06-28	20:00:00"	8.1685	79.627	98.241	15.514	262.57	26.444	0
"2013-06-28	21:00:00"	7.7174	96.6	96.469	17.079	64.251	26.456	0
"2013-06-28	22:00:00"	5.5693	102.66	91.732	20.495	0.58952	26.465	0
"2013-06-28	23:00:00"	6.1286	103.28	88.416	23.645	0.08606	26.488	0
"2013-06-29	00:00:00"	4.8921	95.801	84.595	27.57	0.10154	26.483	0
"2013-06-29	01:00:00"	6.0565	101.73	83.171	30.23	0.10811	26.48	0
"2013-06-29	02:00:00"	7.5204	113.09	82.93	32.117	0.08755	26.471	0
"2013-06-29	03:00:00"	7.8013	119.97	82.173	33.943	0.06995	26.468	0
"2013-06-29	04:00:00"	5.2655	129.82	80.618	35.786	0.12486	26.474	0
"2013-06-29	05:00:00"	4.7293	102.25	78.989	37.921	0.10387	26.477	0
"2013-06-29	06:00:00"	6.7798	103.87	79.318	38.003	0.10429	26.485	0
"2013-06-29	07:00:00"	6.0733	71.514	75.052	43.64	1.1672	26.497	0
"2013-06-29	08:00:00"	6.2827	67.335	74.232	47.39	69.885	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-06-29	09:00:00"	7.6733	95.724	79.478	41.385	236.65	26.503	0
"2013-06-29	10:00:00"	8.0349	147.85	84.321	35.577	473.06	26.497	0
"2013-06-29	11:00:00"	7.0681	178.41	89.568	27.997	656.24	26.5	0
"2013-06-29	12:00:00"	5.8614	201.75	93.975	21.716	819.56	26.503	0
"2013-06-29	13:00:00"	16.276	83.168	89.763	29.432	675.75	26.497	0
"2013-06-29	14:00:00"	16.275	103.6	91.421	29.286	999.42	26.474	0
"2013-06-29	15:00:00"	12.401	130.07	94.912	23.477	985.41	26.456	0
"2013-06-29	16:00:00"	12.852	173.13	96.402	21.567	939.83	26.429	0
"2013-06-29	17:00:00"	12.181	194.64	97.089	20.424	845.7	26.409	0
"2013-06-29	18:00:00"	8.8284	219.43	98.284	17.658	548.33	26.391	0
"2013-06-29	19:00:00"	7.8492	233.76	96.456	18.401	135.18	26.376	0
"2013-06-29	20:00:00"	10.315	226.71	95.588	19.211	149.39	26.364	0
"2013-06-29	21:00:00"	10.117	221.53	93.939	19.703	57.011	26.379	0
"2013-06-29	22:00:00"	4.9206	266.95	90.389	21.641	0.25501	26.403	0
"2013-06-29	23:00:00"	11.402	76.52	86.089	27.23	0.09772	26.477	0
"2013-06-30	00:00:00"	16.451	14.852	78.804	43.711	0.09878	26.524	0
"2013-06-30	01:00:00"	20.408	46.685	74.117	50.381	0.08458	26.485	0
"2013-06-30	02:00:00"	18.132	34.641	73.578	47.895	0.08903	26.465	0
"2013-06-30	03:00:00"	13.548	26.733	76.453	40.089	0.09624	26.462	0
"2013-06-30	04:00:00"	13.717	44.116	74.391	47.153	0.09009	26.488	0
"2013-06-30	05:00:00"	12.712	50.6	71.764	59.889	0.09179	26.456	0
"2013-06-30	06:00:00"	7.6006	85.119	71.549	62.732	0.11659	26.474	0
"2013-06-30	07:00:00"	6.0782	88.526	71.673	58.719	0.33429	26.456	0
"2013-06-30	08:00:00"	5.5979	352.72	70.969	59.739	24.175	26.497	0
"2013-06-30	09:00:00"	7.1594	324.01	72.873	55.864	169.26	26.524	0
"2013-06-30	10:00:00"	4.7137	39.869	77.132	44.885	505.55	26.539	0
"2013-06-30	11:00:00"	8.6246	65.848	78.229	45.069	679.21	26.542	0
"2013-06-30	12:00:00"	7.8759	83.915	79.484	42.8	857	26.536	0
"2013-06-30	13:00:00"	5.9186	110.34	80.987	40.742	980.69	26.524	0
"2013-06-30	14:00:00"	6.3951	94.939	83.617	34.975	1053.4	26.506	0
"2013-06-30	15:00:00"	6.5089	125.28	86.356	29.441	1037.9	26.485	0
"2013-06-30	16:00:00"	6.6984	77.724	88.044	26.67	976.63	26.468	0
"2013-06-30	17:00:00"	8.181	91.636	89.372	24.931	866.45	26.453	0
"2013-06-30	18:00:00"	9.3218	79.887	89.622	24.261	716	26.435	0
"2013-06-30	19:00:00"	10.341	101.1	89.626	24.899	498.82	26.42	0
"2013-06-30	20:00:00"	10.3	102.43	88.924	26.763	259.33	26.418	0
"2013-06-30	21:00:00"	11.287	102.36	87.025	30.435	67.698	26.444	0
"2013-06-30	22:00:00"	8.1561	100.5	84.588	33.587	0.30101	26.468	0
"2013-06-30	23:00:00"	9.323	107.7	82.471	35.858	0.085	26.485	0
"2013-07-01	00:00:00"	7.0967	95.692	80.177	39.715	0.10196	26.506	0
"2013-07-01	01:00:00"	7.0811	90.111	78.388	44.586	0.09603	26.497	0
"2013-07-01	02:00:00"	8.7489	88.007	77.475	48.113	0.07207	26.509	0
"2013-07-01	03:00:00"	8.7048	77.768	77.093	48.004	0.07674	26.518	0
"2013-07-01	04:00:00"	21.87	8.4503	70.035	67.595	0.09984	26.553	0
"2013-07-01	05:00:00"	15.901	16.603	65.449	85.242	0.09348	26.574	0.03
"2013-07-01	06:00:00"	6.4703	60.466	64.739	85.903	0.06487	26.595	0.04
"2013-07-01	07:00:00"	10.264	58.657	64.657	87.604	0.3008	26.586	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-01	08:00:00"	9.7468	48.173	64.812	86.264	13.927	26.604	0
"2013-07-01	09:00:00"	6.9103	44.954	65.383	84.702	49.977	26.612	0.01
"2013-07-01	10:00:00"	8.1493	54.793	66.375	80.638	91.531	26.609	0
"2013-07-01	11:00:00"	9.3883	69.4	67.824	72.706	136.67	26.615	0
"2013-07-01	12:00:00"	8.2791	90.096	68.918	67.272	197.42	26.636	0
"2013-07-01	13:00:00"	6.6313	123.56	71.055	59.774	640.73	26.636	0
"2013-07-01	14:00:00"	6.6766	160.75	71.317	58.663	297.37	26.624	0
"2013-07-01	15:00:00"	7.6081	179.81	71.267	60.036	411.92	26.609	0
"2013-07-01	16:00:00"	6.1249	178.12	73.943	49.871	867.84	26.592	0
"2013-07-01	17:00:00"	5.8328	149.45	75.543	44.894	801.01	26.577	0
"2013-07-01	18:00:00"	7.1787	157.97	76.662	41.922	710.09	26.559	0
"2013-07-01	19:00:00"	6.3976	154.06	77.203	41.73	497.48	26.55	0
"2013-07-01	20:00:00"	5.4643	144.77	77.01	42.983	270.44	26.55	0
"2013-07-01	21:00:00"	4.6994	142.6	75.767	45.378	40.268	26.571	0
"2013-07-01	22:00:00"	4.0986	173	74.225	49.349	0.27133	26.583	0
"2013-07-01	23:00:00"	3.4188	185.06	73.52	51.368	0.10366	26.604	0
"2013-07-02	00:00:00"	5.3668	188.71	72.636	55.428	0.12062	26.598	0
"2013-07-02	01:00:00"	4.764	225.31	71.158	60.457	0.10154	26.609	0
"2013-07-02	02:00:00"	4.0899	261.92	69.602	67.298	0.10557	26.609	0
"2013-07-02	03:00:00"	5.7961	282.14	69.277	68.752	0.08331	26.607	0
"2013-07-02	04:00:00"	3.9109	345.99	69.363	69.011	0.08988	26.609	0
"2013-07-02	05:00:00"	6.4076	323.38	67.946	76.017	0.06593	26.607	0.06
"2013-07-02	06:00:00"	4.966	300.69	66.223	82.553	0.08437	26.604	0
"2013-07-02	07:00:00"	3.0671	6.8978	64.639	86.163	1.9104	26.609	0
"2013-07-02	08:00:00"	4.5404	39.031	63.043	75.709	66.031	26.624	0
"2013-07-02	09:00:00"	8.7296	75.059	66.45	57.344	233.02	26.636	0
"2013-07-02	10:00:00"	9.4927	100.28	70.591	45.752	383.13	26.642	0
"2013-07-02	11:00:00"	9.026	102.99	72.099	43.342	233.43	26.651	0
"2013-07-02	12:00:00"	10.622	88.142	71.256	43.625	388.48	26.651	0
"2013-07-02	13:00:00"	7.8405	102.3	73.557	39.396	650.63	26.642	0
"2013-07-02	14:00:00"	4.8467	93.308	74.849	35.995	333.02	26.618	0
"2013-07-02	15:00:00"	5.012	109.29	77.762	30.352	1052.1	26.601	0
"2013-07-02	16:00:00"	5.9962	93.838	80.292	27.188	1085.2	26.58	0
"2013-07-02	17:00:00"	6.64	143.94	81.467	25.649	870.79	26.55	0
"2013-07-02	18:00:00"	7.7858	110.87	81.936	24.596	671.42	26.527	0
"2013-07-02	19:00:00"	8.7284	130.3	81.501	27.064	358.42	26.521	0
"2013-07-02	20:00:00"	8.1648	145.82	80.015	29.103	119.27	26.536	0
"2013-07-02	21:00:00"	7.4036	152.32	79.054	31.217	46.609	26.542	0
"2013-07-02	22:00:00"	4.4397	170.7	76.453	39.607	0.2707	26.547	0
"2013-07-02	23:00:00"	3.5114	180.3	73.72	45.274	0.1079	26.565	0
"2013-07-03	00:00:00"	1.6628	144.31	71.377	51.103	0.10408	26.574	0
"2013-07-03	01:00:00"	1.2403	73.575	68.477	57.315	0.08098	26.568	0
"2013-07-03	02:00:00"	2.639	96.137	66.645	61.961	0.0973	26.565	0
"2013-07-03	03:00:00"	2.1966	95.951	65.962	61.439	0.10641	26.565	0
"2013-07-03	04:00:00"	5.3749	138.9	68.739	46.23	0.10027	26.553	0
"2013-07-03	05:00:00"	4.7783	157.11	66.58	48.387	0.0761	26.536	0
"2013-07-03	06:00:00"	4.2738	131.87	66.089	47.98	0.0973	26.536	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-03	07:00:00"	2.4787	94.796	63.14	53.537	1.7768	26.536	0
"2013-07-03	08:00:00"	2.401	93.916	62.889	56.461	75.989	26.545	0
"2013-07-03	09:00:00"	7.2446	138.86	68.94	41.276	266.44	26.553	0
"2013-07-03	10:00:00"	14.364	164.31	73.929	31.499	525.83	26.556	0
"2013-07-03	11:00:00"	15.344	182.19	77.198	27.367	704	26.55	0
"2013-07-03	12:00:00"	15.294	186.45	79.531	25.481	855.27	26.539	0
"2013-07-03	13:00:00"	14.538	179.58	81.309	24.863	981.16	26.527	0
"2013-07-03	14:00:00"	14.119	189.13	82.931	23.722	1060.4	26.506	0
"2013-07-03	15:00:00"	11.257	176.48	84.602	20.963	1095.2	26.485	0
"2013-07-03	16:00:00"	11.772	176.11	84.852	19.805	782.77	26.465	0
"2013-07-03	17:00:00"	12.01	175.21	86.532	18.408	918.55	26.438	0
"2013-07-03	18:00:00"	12.105	172.11	86.602	17.827	618.03	26.423	0
"2013-07-03	19:00:00"	11.416	162.81	86.327	17.87	431.41	26.412	0
"2013-07-03	20:00:00"	10.535	151.03	84.922	18.311	103.85	26.412	0
"2013-07-03	21:00:00"	9.5138	151.33	83.356	19.172	29.98	26.412	0
"2013-07-03	22:00:00"	8.7147	150.61	80.344	21.392	0.34362	26.423	0
"2013-07-03	23:00:00"	7.0066	148.13	78.058	23.82	0.11468	26.45	0
"2013-07-04	00:00:00"	6.2665	112.44	76.78	27.092	0.092	26.444	0
"2013-07-04	01:00:00"	6.9699	139.08	76.205	27.496	0.09836	26.447	0
"2013-07-04	02:00:00"	6.7369	155.35	73.447	30.434	0.08861	26.426	0
"2013-07-04	03:00:00"	8.1226	168.62	71.632	32.93	0.08988	26.42	0
"2013-07-04	04:00:00"	6.512	176.46	69.445	36.834	0.11383	26.409	0
"2013-07-04	05:00:00"	6.1926	175	67.854	40.706	0.09221	26.406	0
"2013-07-04	06:00:00"	8.8701	172.14	67.937	42.493	0.11087	26.406	0
"2013-07-04	07:00:00"	8.9869	174.3	67.29	44.885	0.71776	26.412	0
"2013-07-04	08:00:00"	7.6547	111.84	66.938	46.955	19.216	26.462	0
"2013-07-04	09:00:00"	11.983	88.009	69.702	47.2	156.5	26.465	0
"2013-07-04	10:00:00"	14.928	107.33	71.231	48.076	409.16	26.45	0
"2013-07-04	11:00:00"	17.027	128.08	72.074	44.717	361.41	26.444	0
"2013-07-04	12:00:00"	17.792	140.53	74.139	39.191	446.96	26.444	0
"2013-07-04	13:00:00"	18.072	144.24	77.164	35.708	889.44	26.45	0
"2013-07-04	14:00:00"	25.107	158.01	80.756	30.097	991.84	26.426	0
"2013-07-04	15:00:00"	19.678	163.16	84.065	26.105	1067.2	26.412	0
"2013-07-04	16:00:00"	16.795	160.72	85.218	26.511	872.22	26.397	0
"2013-07-04	17:00:00"	14.932	156.27	85.575	26.888	966.8	26.391	0
"2013-07-04	18:00:00"	12.182	137.5	84.907	27.946	585.95	26.379	0
"2013-07-04	19:00:00"	11.19	140.48	84.545	27.779	474.31	26.37	0
"2013-07-04	20:00:00"	9.8736	147.5	83.943	27.804	250.3	26.376	0
"2013-07-04	21:00:00"	8.1673	141.33	82.843	28.82	71.044	26.382	0
"2013-07-04	22:00:00"	6.3579	130.4	79.674	34.359	0.45851	26.4	0
"2013-07-04	23:00:00"	8.3804	123.88	76.404	41.423	0.09624	26.418	0
"2013-07-05	00:00:00"	6.52	131.14	74.282	43.727	0.09285	26.42	0
"2013-07-05	01:00:00"	6.6773	134.96	73.006	46.541	0.11648	26.415	0
"2013-07-05	02:00:00"	7.9206	140.44	72.658	47.116	0.09899	26.42	0
"2013-07-05	03:00:00"	7.2222	137.25	71.109	49.771	0.10917	26.418	0
"2013-07-05	04:00:00"	6.4156	142.59	69.962	51.204	0.09772	26.409	0
"2013-07-05	05:00:00"	5.9086	143.04	69.426	49.663	0.10599	26.409	0

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"2013-07-05	06:00:00"	5.8452	136.68	68.803	48.949	0.10048	26.409	0
"2013-07-05	07:00:00"	5.5923	130.79	67.199	52.422	1.9343	26.415	0
"2013-07-05	08:00:00"	6.6605	135.66	66.805	55.593	75.426	26.426	0
"2013-07-05	09:00:00"	10.277	158.62	70.279	52.039	229.11	26.432	0
"2013-07-05	10:00:00"	15.502	167.36	76.149	43.416	455.94	26.435	0
"2013-07-05	11:00:00"	14.694	171.09	79.757	38.567	670.43	26.444	0
"2013-07-05	12:00:00"	14.799	160.9	82.905	34.778	844.67	26.429	0
"2013-07-05	13:00:00"	15.685	162.6	85.942	31.159	974.2	26.42	0
"2013-07-05	14:00:00"	17.134	168.76	88.465	27.124	1045.6	26.397	0
"2013-07-05	15:00:00"	17.312	160.79	90.423	24.013	1051.4	26.376	0
"2013-07-05	16:00:00"	15.337	160.48	92.015	22.047	986.14	26.356	0
"2013-07-05	17:00:00"	13.72	168.92	92.901	20.52	859.33	26.341	0
"2013-07-05	18:00:00"	13.041	160.84	93.155	19.801	684.69	26.323	0
"2013-07-05	19:00:00"	13.305	172.76	92.736	19.888	478.19	26.314	0
"2013-07-05	20:00:00"	14.333	150.24	91.657	21.702	257.94	26.314	0
"2013-07-05	21:00:00"	14.061	141.45	89.002	24.899	54.56	26.332	0
"2013-07-05	22:00:00"	10.235	140.44	86.025	28.196	0.30801	26.353	0
"2013-07-05	23:00:00"	12.24	143.07	83.649	31.279	0.08628	26.373	0
"2013-07-06	00:00:00"	13.261	154.34	81.629	33.536	0.09899	26.385	0
"2013-07-06	01:00:00"	13.553	159.51	79.507	35.02	0.08776	26.391	0
"2013-07-06	02:00:00"	15.897	167.27	78.27	35.261	0.09836	26.394	0
"2013-07-06	03:00:00"	16.071	171.91	76.906	37.248	0.06826	26.391	0
"2013-07-06	04:00:00"	14.32	171.44	75.98	39.689	0.0867	26.394	0
"2013-07-06	05:00:00"	14.451	165.13	74.914	40.498	0.08373	26.382	0
"2013-07-06	06:00:00"	14.402	162.08	74.145	42.067	0.09942	26.379	0
"2013-07-06	07:00:00"	15.21	160.83	73.194	45.038	0.63848	26.397	0
"2013-07-06	08:00:00"	12.944	166.63	72.822	48.714	21.943	26.406	0
"2013-07-06	09:00:00"	15.065	156.04	73.494	50.207	176.6	26.415	0
"2013-07-06	10:00:00"	16.936	161.29	76.304	46.608	482.17	26.406	0
"2013-07-06	11:00:00"	18.234	160.72	79.936	41.1	663.06	26.397	0
"2013-07-06	12:00:00"	17.065	166.47	83.163	37.308	835.5	26.394	0
"2013-07-06	13:00:00"	15.632	160.76	86.62	32.435	963.82	26.382	0
"2013-07-06	14:00:00"	15.132	159.04	89.332	28.678	1032.3	26.367	0
"2013-07-06	15:00:00"	14.909	147.35	91.23	26.701	1031.5	26.361	0
"2013-07-06	16:00:00"	14.938	146.5	92.499	23.257	970	26.347	0
"2013-07-06	17:00:00"	15.522	148.21	93.551	20.587	849.67	26.332	0
"2013-07-06	18:00:00"	15.563	150.16	93.683	19.501	678.58	26.32	0
"2013-07-06	19:00:00"	15.152	143.51	92.981	20.083	476.16	26.317	0
"2013-07-06	20:00:00"	16.28	147.29	91.482	21.841	254.39	26.323	0
"2013-07-06	21:00:00"	14.487	144.43	89.271	23.346	56.873	26.353	0
"2013-07-06	22:00:00"	11.491	143.08	86.348	26.665	0.34616	26.376	0
"2013-07-06	23:00:00"	11.205	144.91	83.658	27.373	0.09158	26.394	0
"2013-07-07	00:00:00"	10.479	148.02	81.217	27.934	0.09221	26.415	0
"2013-07-07	01:00:00"	8.299	153.69	78.325	30.411	0.07631	26.412	0
"2013-07-07	02:00:00"	11.022	161.27	77.479	32.14	0.11574	26.406	0
"2013-07-07	03:00:00"	10.193	165.82	76.585	35.154	0.08564	26.415	0
"2013-07-07	04:00:00"	10.1	163.72	75.965	38.708	0.09242	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-07	05:00:00"	8.1462	155.32	74.734	42.248	0.10239	26.418	0
"2013-07-07	06:00:00"	6.128	136.79	72.82	46.199	0.11553	26.423	0
"2013-07-07	07:00:00"	5.3848	134.39	72.144	48.519	0.91236	26.447	0
"2013-07-07	08:00:00"	6.1901	157.48	71.54	50.95	66.16	26.474	0
"2013-07-07	09:00:00"	10.05	163.99	74.149	54.606	348.15	26.488	0
"2013-07-07	10:00:00"	17.52	158.67	77.355	54.493	473.69	26.5	0
"2013-07-07	11:00:00"	16.848	159.55	79.085	49.268	576.05	26.485	0
"2013-07-07	12:00:00"	14.825	153.57	81.437	42.931	785.93	26.48	0
"2013-07-07	13:00:00"	14.303	144.03	84.134	34.756	848.3	26.468	0
"2013-07-07	14:00:00"	14.306	144.19	85.633	30.752	696.59	26.456	0
"2013-07-07	15:00:00"	13.814	134.72	88.356	25.214	950.29	26.45	0
"2013-07-07	16:00:00"	14.516	150.66	89.441	26.29	1021.9	26.432	0
"2013-07-07	17:00:00"	14.005	138.18	90.344	23.823	840.41	26.432	0
"2013-07-07	18:00:00"	12.99	135.98	90.84	23.12	695.93	26.415	0
"2013-07-07	19:00:00"	13.095	138.35	90.401	23.507	436.09	26.412	0
"2013-07-07	20:00:00"	12.539	141.46	88.954	25.047	150.89	26.423	0
"2013-07-07	21:00:00"	10.946	138.56	87.591	25.823	39.212	26.438	0
"2013-07-07	22:00:00"	7.2738	134.63	85.134	27.797	0.29847	26.465	0
"2013-07-07	23:00:00"	7.1402	126.55	82.389	31.048	0.06868	26.477	0
"2013-07-08	00:00:00"	7.2564	136.81	80.172	33.428	0.08882	26.485	0
"2013-07-08	01:00:00"	6.4809	146.91	79.007	35.077	0.07356	26.494	0
"2013-07-08	02:00:00"	5.8452	159.61	77.231	39.002	0.09751	26.485	0
"2013-07-08	03:00:00"	4.6907	159.41	75.661	42.364	0.1062	26.485	0
"2013-07-08	04:00:00"	3.2697	175.09	74.385	45.435	0.0956	26.5	0
"2013-07-08	05:00:00"	2.0039	179.1	72.962	49.273	0.08161	26.509	0
"2013-07-08	06:00:00"	2.1226	161.87	72.149	52.837	0.09454	26.521	0
"2013-07-08	07:00:00"	3.9246	144.65	72.153	56.951	1.5971	26.533	0
"2013-07-08	08:00:00"	3.8668	127.26	72.14	61.076	76.377	26.55	0
"2013-07-08	09:00:00"	11.421	158.28	74.983	62.672	253.3	26.568	0
"2013-07-08	10:00:00"	14.927	176.04	77.869	57.742	463.09	26.571	0
"2013-07-08	11:00:00"	14.776	168.19	80.763	49.863	675.8	26.577	0
"2013-07-08	12:00:00"	13.681	173.23	83.023	43.5	845.06	26.574	0
"2013-07-08	13:00:00"	11.961	164.89	85.305	37.681	859.38	26.571	0
"2013-07-08	14:00:00"	11.016	156.19	86.971	33.792	876.48	26.556	0
"2013-07-08	15:00:00"	11.229	148.76	88.596	30.892	911.5	26.536	0
"2013-07-08	16:00:00"	12.247	155.05	89.855	29.028	860.28	26.518	0
"2013-07-08	17:00:00"	11.351	152.61	90.895	25.927	868.19	26.497	0
"2013-07-08	18:00:00"	10.768	156.05	91.271	25.525	699.04	26.488	0
"2013-07-08	19:00:00"	11.797	159.37	90.989	26.476	480.28	26.477	0
"2013-07-08	20:00:00"	11.378	144.72	90.123	28.27	256.1	26.485	0
"2013-07-08	21:00:00"	11.779	147.96	88.062	31.657	62.968	26.497	0
"2013-07-08	22:00:00"	13.414	156.01	85.049	35.818	0.44007	26.524	0
"2013-07-08	23:00:00"	9.9941	163.84	82.487	39.828	0.08628	26.559	0
"2013-07-09	00:00:00"	9.2665	164.91	80.408	43.472	0.09136	26.565	0
"2013-07-09	01:00:00"	8.3593	177.68	78.3	47.824	0.10217	26.574	0
"2013-07-09	02:00:00"	11.503	170.65	77.099	51.259	0.09836	26.58	0
"2013-07-09	03:00:00"	9.7984	173.06	75.261	56.099	0.07886	26.574	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-09	04:00:00"	9.7095	177.98	73.692	59.749	0.07907	26.568	0
"2013-07-09	05:00:00"	7.677	178.62	72.557	60.009	0.11044	26.568	0
"2013-07-09	06:00:00"	5.1829	178.47	71.131	61.826	0.11108	26.565	0
"2013-07-09	07:00:00"	5.4544	168.24	70.352	64.002	1.712	26.58	0
"2013-07-09	08:00:00"	6.0335	152.17	70.376	66.343	73.604	26.583	0
"2013-07-09	09:00:00"	12.829	159.96	72.762	64.146	249.37	26.595	0
"2013-07-09	10:00:00"	14.786	165.34	75.1	58.302	459.39	26.595	0
"2013-07-09	11:00:00"	13.491	177.59	77.599	53.047	646.41	26.592	0
"2013-07-09	12:00:00"	10.381	177.85	80.279	47.463	815.45	26.592	0
"2013-07-09	13:00:00"	9.9972	163.71	82.978	41.238	964.85	26.58	0
"2013-07-09	14:00:00"	10.33	158.2	85.391	37.691	1046.2	26.562	0
"2013-07-09	15:00:00"	11.141	153.24	87.558	34.087	1036.8	26.547	0
"2013-07-09	16:00:00"	10.55	145.71	88.445	33.804	931.78	26.533	0
"2013-07-09	17:00:00"	10.755	143.03	89.549	32.265	879.01	26.509	0
"2013-07-09	18:00:00"	10.872	141.1	89.972	31.654	647.71	26.497	0
"2013-07-09	19:00:00"	10.752	129.3	89.61	32.093	474.04	26.485	0
"2013-07-09	20:00:00"	12.325	143.79	88.843	32.868	231.05	26.488	0
"2013-07-09	21:00:00"	12.87	141.57	87.058	34.819	70.058	26.491	0
"2013-07-09	22:00:00"	12.961	143.97	84.517	39.344	0.39322	26.515	0
"2013-07-09	23:00:00"	10.936	146.95	82.289	43.556	0.0814	26.536	0
"2013-07-10	00:00:00"	8.4736	149.38	80.692	46.784	0.08649	26.553	0
"2013-07-10	01:00:00"	9.4846	150.62	79.503	49.459	0.09666	26.565	0
"2013-07-10	02:00:00"	9.6362	155.33	77.932	52.576	0.0867	26.55	0
"2013-07-10	03:00:00"	6.4958	145.16	76.005	56.186	0.09348	26.545	0
"2013-07-10	04:00:00"	5.7626	134.66	74.707	57.879	0.11214	26.542	0
"2013-07-10	05:00:00"	5.304	118.11	73.969	57.957	0.11426	26.542	0
"2013-07-10	06:00:00"	2.414	67.337	70.466	64.276	0.10196	26.547	0
"2013-07-10	07:00:00"	3.7338	104.58	70.321	65.312	0.95815	26.55	0
"2013-07-10	08:00:00"	4.4633	113.94	70.689	64.633	67.581	26.559	0
"2013-07-10	09:00:00"	9.9562	152.26	75.112	56.249	245.69	26.568	0
"2013-07-10	10:00:00"	12.664	168.17	78.909	50.006	461.53	26.568	0
"2013-07-10	11:00:00"	11.576	180.98	81.852	45.769	669.62	26.571	0
"2013-07-10	12:00:00"	8.012	180.85	84.784	40.388	845.17	26.571	0
"2013-07-10	13:00:00"	6.3939	215.68	87.572	35.853	892.99	26.556	0
"2013-07-10	14:00:00"	6.6306	174.24	89.103	32.791	951.42	26.533	0
"2013-07-10	15:00:00"	8.9633	173.98	90.735	30.361	817.7	26.518	0
"2013-07-10	16:00:00"	9.4877	177.17	92.026	29.031	894.05	26.503	0
"2013-07-10	17:00:00"	9.8742	154.34	92.293	28.871	551.81	26.48	0
"2013-07-10	18:00:00"	10.231	159.96	93.35	27.156	598.69	26.459	0
"2013-07-10	19:00:00"	11.585	138.76	93.733	26.709	547.53	26.438	0
"2013-07-10	20:00:00"	12.147	145.83	92.531	27.516	218.37	26.438	0
"2013-07-10	21:00:00"	11.432	147.71	91.316	27.843	91.664	26.444	0
"2013-07-10	22:00:00"	9.9233	148.5	88.696	30.597	0.41845	26.465	0
"2013-07-10	23:00:00"	9.8767	150.17	86.246	32.996	0.09942	26.485	0
"2013-07-11	00:00:00"	8.8148	147.16	83.874	35.199	0.08776	26.503	0
"2013-07-11	01:00:00"	9.3075	160.81	81.957	36.16	0.09073	26.515	0
"2013-07-11	02:00:00"	10.806	172.48	80.701	38.333	0.10769	26.521	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-11"	03:00:00"	8.0896	177.27	78.366	41.94	0.06614	26.512	0
"2013-07-11"	04:00:00"	7.7038	178.84	76.685	45.493	0.08649	26.503	0
"2013-07-11"	05:00:00"	8.8297	175.1	75.404	49.937	0.08755	26.5	0
"2013-07-11"	06:00:00"	9.095	173.31	75.039	52.095	0.08734	26.509	0
"2013-07-11"	07:00:00"	8.5494	174.46	74.598	53.369	1.3304	26.512	0
"2013-07-11"	08:00:00"	9.1429	166.09	75.446	52.646	78.925	26.518	0
"2013-07-11"	09:00:00"	12.125	180.51	78.171	48.591	241.62	26.53	0
"2013-07-11"	10:00:00"	11.708	187.08	81.34	43.632	402.33	26.53	0
"2013-07-11"	11:00:00"	10.698	188.74	84.201	38.66	676.3	26.524	0
"2013-07-11"	12:00:00"	9.8742	187.56	87.52	29.825	796.52	26.515	0
"2013-07-11"	13:00:00"	9.0552	172.45	89.822	24.073	863.1	26.503	0
"2013-07-11"	14:00:00"	7.8318	147.97	91.765	19.802	1018	26.488	0
"2013-07-11"	15:00:00"	8.7632	149.94	92.765	19.71	870.25	26.48	0
"2013-07-11"	16:00:00"	10.007	136.59	93.569	19.336	996.67	26.462	0
"2013-07-11"	17:00:00"	10.832	144.21	93.816	19.594	775.63	26.441	0
"2013-07-11"	18:00:00"	9.4392	160.04	93.817	19.636	643.44	26.418	0
"2013-07-11"	19:00:00"	10.402	158.06	93.693	20.332	503.44	26.406	0
"2013-07-11"	20:00:00"	10.728	154.37	92.962	20.955	301.52	26.409	0
"2013-07-11"	21:00:00"	12.611	146.14	90.988	24.011	82.491	26.42	0
"2013-07-11"	22:00:00"	8.647	138.96	88.2	26.49	0.60796	26.429	0
"2013-07-11"	23:00:00"	7.5416	137.2	85.534	28.539	0.09094	26.444	0
"2013-07-12"	00:00:00"	8.5488	143.41	83.923	30.654	0.09624	26.453	0
"2013-07-12"	01:00:00"	7.5509	149.54	82.162	32.884	0.09094	26.447	0
"2013-07-12"	02:00:00"	8.2102	152.98	79.7	36.214	0.10726	26.453	0
"2013-07-12"	03:00:00"	8.7588	172.93	79.063	41.068	0.09094	26.456	0
"2013-07-12"	04:00:00"	6.2013	181.43	77.211	45.745	0.11087	26.462	0
"2013-07-12"	05:00:00"	5.2935	181.74	75.33	50.142	0.09878	26.462	0
"2013-07-12"	06:00:00"	4.0955	182.75	74.157	53.934	0.11362	26.465	0
"2013-07-12"	07:00:00"	3.3846	179.18	73.525	56.194	1.3399	26.468	0
"2013-07-12"	08:00:00"	4.1464	175.82	73.892	55.885	70.574	26.474	0
"2013-07-12"	09:00:00"	9.5132	184.67	77.729	48.193	246.83	26.488	0
"2013-07-12"	10:00:00"	11.292	187.83	81.149	42.291	461.06	26.485	0
"2013-07-12"	11:00:00"	9.9693	178.65	84.262	37.093	668.46	26.485	0
"2013-07-12"	12:00:00"	10.089	154.8	87.351	31.328	845.25	26.477	0
"2013-07-12"	13:00:00"	11.078	135.96	89.495	28.115	976.99	26.471	0
"2013-07-12"	14:00:00"	11.042	152.48	91.121	24.242	1054.2	26.462	0
"2013-07-12"	15:00:00"	10.321	133.42	92.199	21.762	984.19	26.441	0
"2013-07-12"	16:00:00"	9.1397	147.87	93.358	19.82	968.81	26.429	0
"2013-07-12"	17:00:00"	9.8711	131.24	94.453	18.198	859.93	26.415	0
"2013-07-12"	18:00:00"	11.774	138.59	94.851	17.34	712.06	26.409	0
"2013-07-12"	19:00:00"	11.353	142.52	94.478	18.492	482.61	26.397	0
"2013-07-12"	20:00:00"	11.867	143.86	93.601	18.699	273.23	26.4	0
"2013-07-12"	21:00:00"	11.978	142.48	91.803	20.473	73.173	26.415	0
"2013-07-12"	22:00:00"	9.4573	140.05	89.171	22.824	0.57404	26.429	0
"2013-07-12"	23:00:00"	8.3195	140.39	86.718	25.424	0.10451	26.444	0
"2013-07-13"	00:00:00"	6.4685	143.19	83.953	28.069	0.10196	26.459	0
"2013-07-13"	01:00:00"	8.0623	167.29	81.761	30.568	0.10041	26.471	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-13	02:00:00"	6.8581	176.33	79.81	33.437	0.06953	26.483	0
"2013-07-13	03:00:00"	5.089	175.03	77.987	36.292	0.10641	26.497	0
"2013-07-13	04:00:00"	6.2963	192.7	76.619	37.804	0.1238	26.488	0
"2013-07-13	05:00:00"	3.9109	187.47	75.199	40.008	0.0831	26.485	0
"2013-07-13	06:00:00"	2.4979	184.7	74.125	41.987	0.11193	26.491	0
"2013-07-13	07:00:00"	1.4664	179.21	72.705	44.269	1.1038	26.497	0
"2013-07-13	08:00:00"	2.0425	147.36	73.382	43.938	69.608	26.509	0
"2013-07-13	09:00:00"	9.5455	155.71	77.286	40.243	248.42	26.524	0
"2013-07-13	10:00:00"	10.637	157.34	80.778	36.89	464.73	26.533	0
"2013-07-13	11:00:00"	10.839	161.51	84.406	32.659	673.68	26.527	0
"2013-07-13	12:00:00"	11.88	157.85	87.074	28.649	852.23	26.527	0
"2013-07-13	13:00:00"	12.859	155.68	88.941	25.196	983.92	26.509	0
"2013-07-13	14:00:00"	10.525	145.74	90.623	22.616	1056.6	26.497	0
"2013-07-13	15:00:00"	11.041	160.05	92.006	21.172	1063.7	26.474	0
"2013-07-13	16:00:00"	10.858	143.72	93.203	19.804	965.75	26.465	0
"2013-07-13	17:00:00"	9.5964	151.17	94.071	17.336	867.93	26.444	0
"2013-07-13	18:00:00"	10.053	138.58	94.747	15.9	704.73	26.435	0
"2013-07-13	19:00:00"	9.3056	145.38	94.446	15.865	493.9	26.426	0
"2013-07-13	20:00:00"	9.8655	143.61	93.578	15.328	272.39	26.42	0
"2013-07-13	21:00:00"	10.156	141.09	91.879	15.394	73.513	26.426	0
"2013-07-13	22:00:00"	7.9262	133.98	88.563	17.562	0.4954	26.438	0
"2013-07-13	23:00:00"	7.2122	132.51	85.736	21.038	0.10641	26.462	0
"2013-07-14	00:00:00"	7.8939	137.71	84.501	21.771	0.08522	26.468	0
"2013-07-14	01:00:00"	6.2112	156.33	81.778	23.363	0.12083	26.477	0
"2013-07-14	02:00:00"	5.5165	156.84	78.922	27.302	0.09433	26.474	0
"2013-07-14	03:00:00"	5.4824	180.27	78.01	29.908	0.09391	26.471	0
"2013-07-14	04:00:00"	4.9846	190.41	76.067	31.973	0.07271	26.459	0
"2013-07-14	05:00:00"	3.5275	212.75	74.301	33.908	0.11574	26.462	0
"2013-07-14	06:00:00"	1.9113	234.76	71.573	36.986	0.08903	26.459	0
"2013-07-14	07:00:00"	1.5404	261.32	70.359	39.065	0.87039	26.456	0
"2013-07-14	08:00:00"	1.3832	289.4	70.546	39.504	65.673	26.465	0
"2013-07-14	09:00:00"	4.1228	278.68	76.925	33.252	244.7	26.471	0
"2013-07-14	10:00:00"	6.781	268.42	83.389	26.85	458.3	26.474	0
"2013-07-14	11:00:00"	8.7657	229.18	88.498	21.72	679.77	26.462	0
"2013-07-14	12:00:00"	7.8883	208.97	90.721	18.578	861.14	26.45	0
"2013-07-14	13:00:00"	5.3587	203.25	92.343	15.956	995.62	26.438	0
"2013-07-14	14:00:00"	8.1201	175.67	93.873	14.202	1016.4	26.423	0
"2013-07-14	15:00:00"	9.4274	197.74	94.926	13.793	1025.7	26.397	0
"2013-07-14	16:00:00"	7.8131	182.95	95.644	13.266	933.39	26.373	0
"2013-07-14	17:00:00"	6.786	155.52	96.063	12.949	831.55	26.353	0
"2013-07-14	18:00:00"	6.0584	193.83	96.361	12.79	617.67	26.335	0
"2013-07-14	19:00:00"	5.3494	167.95	96.135	13.011	471.06	26.323	0
"2013-07-14	20:00:00"	6.2634	182.68	95.332	13.336	235.66	26.326	0
"2013-07-14	21:00:00"	5.6781	162.32	93.031	15.835	37.96	26.335	0
"2013-07-14	22:00:00"	24.437	79.588	78.779	43.904	0.14054	26.37	0
"2013-07-14	23:00:00"	23.354	73.47	73.086	52.469	0.10387	26.415	0
"2013-07-15	00:00:00"	22.381	71.196	70.857	55.256	0.09645	26.429	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-15	01:00:00"	18.498	59.946	67.29	65.783	0.11267	26.474	0
"2013-07-15	02:00:00"	17.843	50.503	65.482	72.089	0.10196	26.477	0
"2013-07-15	03:00:00"	18.809	55.213	62.812	81.253	0.09412	26.485	0
"2013-07-15	04:00:00"	14.728	66.414	61.664	86.875	0.07843	26.474	0.02
"2013-07-15	05:00:00"	12.575	77.19	61.622	89.747	0.06699	26.468	0.12
"2013-07-15	06:00:00"	10.194	83.591	62.07	90.107	0.08564	26.477	0
"2013-07-15	07:00:00"	9.7213	50.086	62.068	89.617	0.07334	26.494	0.01
"2013-07-15	08:00:00"	12.09	62.547	61.166	90.809	4.2894	26.506	0.16
"2013-07-15	09:00:00"	14.555	63.871	60.242	90.419	29.933	26.521	0.08
"2013-07-15	10:00:00"	12.787	65.01	59.452	90.362	61.845	26.539	0.08
"2013-07-15	11:00:00"	12.057	70.283	59.954	89.315	86.764	26.545	0.05
"2013-07-15	12:00:00"	12.961	64.173	59.927	88.418	166.77	26.553	0.04
"2013-07-15	13:00:00"	12.309	63.784	62.157	81.348	413.73	26.55	0.01
"2013-07-15	14:00:00"	11.978	56.029	66.279	69.384	579.33	26.545	0
"2013-07-15	15:00:00"	11.617	47.575	69.564	59.952	875.93	26.536	0
"2013-07-15	16:00:00"	12.097	44.278	71.064	55.325	680.03	26.527	0
"2013-07-15	17:00:00"	11.003	37.068	72.227	49.692	610.82	26.515	0
"2013-07-15	18:00:00"	10.641	33.954	73.073	45.914	515.8	26.503	0
"2013-07-15	19:00:00"	10.596	49.816	72.975	47.853	405.95	26.491	0
"2013-07-15	20:00:00"	9.0993	58.992	72.639	49.035	298.97	26.506	0
"2013-07-15	21:00:00"	8.5762	75.015	71.369	52.468	87.581	26.521	0
"2013-07-15	22:00:00"	6.7083	69.219	68.865	60.765	0.30589	26.539	0
"2013-07-15	23:00:00"	6.1677	69.802	66.436	68.481	0.08267	26.562	0
"2013-07-16	00:00:00"	6.0497	88.643	65.065	75.361	0.09857	26.562	0
"2013-07-16	01:00:00"	4.3334	155.5	63.702	84.359	0.08988	26.562	0
"2013-07-16	02:00:00"	3.4374	161.86	63.125	86.776	0.10641	26.55	0
"2013-07-16	03:00:00"	2.419	167.86	62.508	88.019	0.08352	26.553	0
"2013-07-16	04:00:00"	3.1243	185.13	62.329	88.535	0.07822	26.547	0
"2013-07-16	05:00:00"	2.3208	191.28	61.733	89.872	0.07292	26.545	0
"2013-07-16	06:00:00"	2.3973	317.9	61.064	90.978	0.08522	26.542	0
"2013-07-16	07:00:00"	2.0319	331.86	59.762	91.584	0.48331	26.553	0
"2013-07-16	08:00:00"	3.4443	334.38	59.79	91.464	62.016	26.568	0
"2013-07-16	09:00:00"	5.5203	330.88	63.19	85.132	237	26.589	0
"2013-07-16	10:00:00"	5.3798	351.4	66.506	73.843	389.12	26.595	0
"2013-07-16	11:00:00"	6.9488	21.13	68.912	63.758	634.78	26.601	0
"2013-07-16	12:00:00"	9.4002	57.662	71.099	56.769	744.21	26.601	0
"2013-07-16	13:00:00"	10.209	62.886	72.333	52.845	604.68	26.595	0
"2013-07-16	14:00:00"	8.8508	61.085	73.626	47.776	555.46	26.583	0
"2013-07-16	15:00:00"	8.0592	84.372	75.461	44.726	686.94	26.574	0
"2013-07-16	16:00:00"	7.1284	67.23	76.282	43.061	505.43	26.568	0
"2013-07-16	17:00:00"	9.5039	83.605	77.366	42.576	601.28	26.565	0
"2013-07-16	18:00:00"	12.317	114.19	74.954	52.621	416.68	26.562	0
"2013-07-16	19:00:00"	11.789	117.82	73.278	56.082	414.43	26.565	0
"2013-07-16	20:00:00"	10.932	118.67	72.434	58.315	181.49	26.577	0
"2013-07-16	21:00:00"	11.283	114.93	71.085	64.731	112.65	26.598	0
"2013-07-16	22:00:00"	11.733	117.44	69.024	75.517	0.30822	26.609	0
"2013-07-16	23:00:00"	10.57	125.33	68.119	79.194	0.10641	26.636	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-17"	00:00:00"	8.4631	120.79	67.709	81.7	0.10684	26.648	0
"2013-07-17"	01:00:00"	6.6358	113.52	67.016	87.998	0.06595	26.648	0.21
"2013-07-17"	02:00:00"	5.7328	108.04	66.712	90.112	0.06995	26.642	0.15
"2013-07-17"	03:00:00"	5.578	130.7	67.218	89.366	0.05363	26.633	0
"2013-07-17"	04:00:00"	11.281	161.85	66.421	88.031	0.07292	26.633	0
"2013-07-17"	05:00:00"	5.3432	157.98	65.752	89.965	0.08013	26.633	0.09
"2013-07-17"	06:00:00"	7.1097	117.38	66.327	89.331	0.06932	26.639	0.01
"2013-07-17"	07:00:00"	8.2499	128.93	66.774	89.657	0.09136	26.648	0.01
"2013-07-17"	08:00:00"	9.9115	127.82	66.768	89.58	27.861	26.654	0.02
"2013-07-17"	09:00:00"	9.8413	127.97	67.207	89.408	78.16	26.669	0.04
"2013-07-17"	10:00:00"	10.227	126.59	67.787	86.249	172.29	26.686	0
"2013-07-17"	11:00:00"	9.2249	123.93	68.838	82.06	180.17	26.698	0
"2013-07-17"	12:00:00"	9.4784	125.54	68.806	81.778	156.74	26.704	0
"2013-07-17"	13:00:00"	8.985	116.72	68.947	81.185	302.16	26.701	0
"2013-07-17"	14:00:00"	7.8504	114.18	71.019	74.115	525.05	26.683	0
"2013-07-17"	15:00:00"	9.7437	109.56	70.629	76.387	196.81	26.683	0.1
"2013-07-17"	16:00:00"	7.211	90.559	67.176	86.866	201.13	26.674	0.05
"2013-07-17"	17:00:00"	7.8678	69.347	69.019	84.324	277.8	26.66	0
"2013-07-17"	18:00:00"	6.2224	25.461	70.004	80.069	330.03	26.645	0
"2013-07-17"	19:00:00"	9.2926	20.582	71.039	77.841	195.24	26.636	0.01
"2013-07-17"	20:00:00"	6.2622	21.069	69.768	84.281	42.954	26.642	0.1
"2013-07-17"	21:00:00"	6.2883	48.181	69.2	85.668	19.443	26.651	0
"2013-07-17"	22:00:00"	6.6238	43.197	68.697	86.939	0.11426	26.66	0
"2013-07-17"	23:00:00"	8.6818	74.708	67.911	89.116	0.09391	26.669	0.11
"2013-07-18"	00:00:00"	8.0915	82.459	68.158	90.034	0.06487	26.669	0
"2013-07-18"	01:00:00"	7.3614	93.177	68.36	89.749	0.0835	26.663	0
"2013-07-18"	02:00:00"	6.0764	104.79	68.277	89.954	0.06762	26.645	0
"2013-07-18"	03:00:00"	5.5762	88.762	67.979	89.5	0.06889	26.633	0
"2013-07-18"	04:00:00"	4.9604	84.673	67.417	89.997	0.07462	26.633	0
"2013-07-18"	05:00:00"	6.727	100.03	67.252	89.944	0.07313	26.627	0
"2013-07-18"	06:00:00"	6.8798	119.16	67.192	89.135	0.09306	26.621	0
"2013-07-18"	07:00:00"	7.669	120.75	67.237	88.19	0.29741	26.633	0
"2013-07-18"	08:00:00"	7.7404	124.38	67.108	88.354	39.029	26.642	0
"2013-07-18"	09:00:00"	7.7622	130.98	67.907	86.352	134.62	26.651	0
"2013-07-18"	10:00:00"	8.3046	142.12	68.598	83.253	110.87	26.657	0
"2013-07-18"	11:00:00"	10.111	134.54	68.89	83.799	272.59	26.654	0.01
"2013-07-18"	12:00:00"	10.036	130.92	71.51	75.542	479.52	26.651	0
"2013-07-18"	13:00:00"	9.8413	138.89	72.812	71.36	433.69	26.642	0
"2013-07-18"	14:00:00"	13.618	144.83	72.042	75.356	436.74	26.63	0
"2013-07-18"	15:00:00"	7.5217	142.79	69.482	84.175	393.4	26.615	0.03
"2013-07-18"	16:00:00"	7.8206	140.63	70.897	83.097	271.27	26.598	0.34
"2013-07-18"	17:00:00"	5.9633	149.97	73.265	73.943	247.33	26.583	0
"2013-07-18"	18:00:00"	7.2676	175.32	73.317	72.726	163.84	26.568	0
"2013-07-18"	19:00:00"	5.2984	131.92	74.315	71.103	102.12	26.553	0
"2013-07-18"	20:00:00"	6.7332	118.73	73.964	70.553	67.309	26.553	0.03
"2013-07-18"	21:00:00"	4.4372	119.99	73.578	71.83	32.148	26.55	0
"2013-07-18"	22:00:00"	5.8775	116.52	71.628	76.376	0.30101	26.553	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-18	23:00:00"	5.0567	109.82	70.147	82.356	0.11087	26.568	0
"2013-07-19	00:00:00"	6.4244	114.97	69.666	82.757	0.1221	26.586	0
"2013-07-19	01:00:00"	6.0298	115.94	68.533	85.193	0.10663	26.589	0
"2013-07-19	02:00:00"	5.9428	121.81	67.682	88.546	0.10832	26.58	0
"2013-07-19	03:00:00"	6.0205	126.16	67.127	90.551	0.09136	26.58	0
"2013-07-19	04:00:00"	4.229	138.26	66.636	90.542	0.08543	26.568	0
"2013-07-19	05:00:00"	3.11	135.74	66.301	88.472	0.10514	26.559	0
"2013-07-19	06:00:00"	3.5685	137.47	65.669	87.991	0.11341	26.55	0
"2013-07-19	07:00:00"	3.9544	145.03	65.3	87.728	1.4953	26.556	0
"2013-07-19	08:00:00"	2.3208	118.93	65.874	87.589	58.196	26.562	0
"2013-07-19	09:00:00"	4.7808	151.4	67.039	87.098	121.06	26.583	0
"2013-07-19	10:00:00"	8.4382	180.44	68.247	85.379	172.75	26.586	0
"2013-07-19	11:00:00"	8.1946	185.63	70.257	78.973	369.63	26.586	0
"2013-07-19	12:00:00"	10.931	170.88	73.225	69.179	499.06	26.574	0
"2013-07-19	13:00:00"	11.354	174.23	74.704	66.832	581.28	26.571	0
"2013-07-19	14:00:00"	9.1739	174.68	77.194	57.954	901.9	26.55	0
"2013-07-19	15:00:00"	8.0971	179.36	78.766	54.398	681.06	26.527	0
"2013-07-19	16:00:00"	6.9308	166.51	80.21	50.254	617.15	26.503	0
"2013-07-19	17:00:00"	7.8765	141.16	80.97	48.806	326.57	26.48	0
"2013-07-19	18:00:00"	8.9347	152.98	82.226	44.339	557.14	26.462	0
"2013-07-19	19:00:00"	9.1404	157.83	83.191	41.289	541.19	26.45	0
"2013-07-19	20:00:00"	8.5153	159.99	82.681	42.07	273.25	26.447	0
"2013-07-19	21:00:00"	7.2588	143.25	80.675	46.587	60.771	26.456	0
"2013-07-19	22:00:00"	4.459	143.64	77.489	53.746	0.30779	26.474	0
"2013-07-19	23:00:00"	5.0921	138.64	75.371	59.959	0.13439	26.5	0
"2013-07-20	00:00:00"	5.367	151.68	73.426	65.771	0.1327	26.512	0
"2013-07-20	01:00:00"	2.6526	169.61	70.851	72.234	0.10217	26.518	0
"2013-07-20	02:00:00"	3.0745	176.63	69.456	75.946	0.12168	26.506	0
"2013-07-20	03:00:00"	3.5418	162.08	68.905	75.944	0.13482	26.5	0
"2013-07-20	04:00:00"	2.5899	154.8	68.147	77.18	0.12931	26.48	0
"2013-07-20	05:00:00"	4.2837	144.2	68.501	75.756	0.13312	26.471	0
"2013-07-20	06:00:00"	2.7272	130.06	68.314	76.048	0.10451	26.474	0
"2013-07-20	07:00:00"	1.7604	130.99	66.001	81.676	0.91448	26.474	0
"2013-07-20	08:00:00"	3.4909	102.67	66.609	80.784	63.387	26.485	0
"2013-07-20	09:00:00"	6.9264	140.37	71.261	72.721	244.19	26.5	0
"2013-07-20	10:00:00"	11.039	162.8	73.724	69.388	438.91	26.5	0
"2013-07-20	11:00:00"	13.573	159.88	76.21	63.747	643.63	26.483	0
"2013-07-20	12:00:00"	13.653	173.88	78.458	56.66	687.85	26.48	0
"2013-07-20	13:00:00"	12.401	155.78	80.962	50.378	928.61	26.468	0
"2013-07-20	14:00:00"	12.953	164.34	82.39	46.29	887.46	26.453	0
"2013-07-20	15:00:00"	12.063	165.09	84.002	42.374	833.76	26.438	0
"2013-07-20	16:00:00"	11.776	153.72	85.305	39.569	801.44	26.418	0
"2013-07-20	17:00:00"	12.138	146.71	85.165	39.79	462.73	26.391	0
"2013-07-20	18:00:00"	12.765	140.58	85.373	39.335	466.96	26.379	0
"2013-07-20	19:00:00"	14.341	149.6	85.829	38.118	465.87	26.379	0
"2013-07-20	20:00:00"	15.368	158.35	83.765	41.837	183.24	26.385	0
"2013-07-20	21:00:00"	12.16	164.86	81.516	45.302	42.533	26.391	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-20	22:00:00"	8.7669	163.66	79.07	50.73	0.23169	26.415	0
"2013-07-20	23:00:00"	7.5242	171.36	76.557	57.332	0.10027	26.432	0
"2013-07-21	00:00:00"	9.63	163.56	75.026	61.77	0.11892	26.444	0
"2013-07-21	01:00:00"	10.222	167.25	73.151	67.765	0.13588	26.441	0
"2013-07-21	02:00:00"	7.741	179.66	70.972	72.759	0.12782	26.441	0
"2013-07-21	03:00:00"	4.8138	177.1	68.791	79.041	0.11129	26.435	0
"2013-07-21	04:00:00"	3.1597	175.16	67.719	82.306	0.11426	26.426	0
"2013-07-21	05:00:00"	3.2156	151.98	66.977	84.541	0.10048	26.429	0
"2013-07-21	06:00:00"	2.0692	117.35	66.735	85.545	0.09158	26.438	0
"2013-07-21	07:00:00"	2.9733	118.47	66.219	86.348	0.60139	26.441	0
"2013-07-21	08:00:00"	4.9113	135.82	67.698	82.756	59.7	26.447	0
"2013-07-21	09:00:00"	9.3094	154.2	70.489	77.662	229.95	26.456	0
"2013-07-21	10:00:00"	13.082	170.79	73.519	68.113	441.18	26.465	0
"2013-07-21	11:00:00"	11.346	169.93	76.233	60.674	643.18	26.462	0
"2013-07-21	12:00:00"	9.4274	177.23	78.493	55.184	815.67	26.459	0
"2013-07-21	13:00:00"	8.6203	175.41	80.701	49.67	942.71	26.444	0
"2013-07-21	14:00:00"	7.0513	177.72	82.567	44.763	854.6	26.432	0
"2013-07-21	15:00:00"	8.6414	174.5	84.145	40.658	954.87	26.409	0
"2013-07-21	16:00:00"	9.2435	177.52	86.101	35.548	898.25	26.4	0
"2013-07-21	17:00:00"	9.1354	161.92	86.507	35.616	502.62	26.394	0
"2013-07-21	18:00:00"	8.125	159.61	86.524	36.309	377.29	26.379	0
"2013-07-21	19:00:00"	8.3649	151.93	86.303	36.904	203.21	26.367	0
"2013-07-21	20:00:00"	9.3162	147.61	86.172	37.248	190.86	26.367	0
"2013-07-21	21:00:00"	8.5513	143.62	84.828	40.234	68.169	26.388	0
"2013-07-21	22:00:00"	6.8258	140.64	81.916	46.242	0.19184	26.409	0
"2013-07-21	23:00:00"	6.3603	145.56	79.66	51.897	0.10451	26.435	0
"2013-07-22	00:00:00"	8.1878	157.29	77.782	57.248	0.1185	26.441	0
"2013-07-22	01:00:00"	12.194	165.33	76.454	60.516	0.12952	26.459	0
"2013-07-22	02:00:00"	7.8038	174.39	73.661	65.952	0.13609	26.453	0
"2013-07-22	03:00:00"	4.8324	177.5	71.989	73.163	0.13206	26.438	0
"2013-07-22	04:00:00"	5.7402	153.4	70.7	77.556	0.12761	26.426	0
"2013-07-22	05:00:00"	4.6485	147.02	69.803	81.394	0.09581	26.429	0
"2013-07-22	06:00:00"	3.932	147.27	68.92	85.337	0.08776	26.429	0
"2013-07-22	07:00:00"	4.4757	148.5	68.508	87.934	0.8034	26.426	0
"2013-07-22	08:00:00"	3.8096	131.45	68.869	88.496	57.497	26.435	0
"2013-07-22	09:00:00"	6.228	174.57	71.367	82.076	231.01	26.456	0
"2013-07-22	10:00:00"	7.9914	179.99	74.622	72.219	402.6	26.456	0
"2013-07-22	11:00:00"	8.811	190.28	78.21	62.226	541.77	26.462	0
"2013-07-22	12:00:00"	8.0424	192.92	81.024	54.746	774.67	26.462	0
"2013-07-22	13:00:00"	8.5612	191.93	84.007	47.081	948.5	26.45	0
"2013-07-22	14:00:00"	7.5385	181.75	85.892	41.868	809.53	26.444	0
"2013-07-22	15:00:00"	7.6895	192.09	87.714	37.792	904.09	26.423	0
"2013-07-22	16:00:00"	7.549	170.01	88.861	35.225	957.45	26.406	0
"2013-07-22	17:00:00"	8.5755	170.38	90.371	32.166	876.17	26.385	0
"2013-07-22	18:00:00"	10.422	132.28	90.923	31.85	706.34	26.373	0
"2013-07-22	19:00:00"	9.9979	139.41	90.076	32.69	297.7	26.367	0
"2013-07-22	20:00:00"	11.427	143.25	89.646	33.558	235.38	26.376	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-22	21:00:00"	9.8375	133.29	88.076	35.604	63.057	26.391	0
"2013-07-22	22:00:00"	8.1835	169.17	84.84	42.022	0.18548	26.412	0
"2013-07-22	23:00:00"	10.282	164.92	82.684	48.383	0.09391	26.429	0
"2013-07-23	00:00:00"	12.683	176.12	80.893	55.7	0.10133	26.444	0
"2013-07-23	01:00:00"	10.569	183.39	78.712	61.349	0.12952	26.459	0
"2013-07-23	02:00:00"	9.7232	180.35	77.062	66.607	0.11129	26.456	0
"2013-07-23	03:00:00"	7.7354	181.38	75.696	70.761	0.15241	26.447	0
"2013-07-23	04:00:00"	4.3216	169.97	74.215	74.247	0.10493	26.444	0
"2013-07-23	05:00:00"	5.1356	156.38	73.101	76.645	0.09433	26.441	0
"2013-07-23	06:00:00"	5.8782	150.8	72.16	77.481	0.0956	26.438	0
"2013-07-23	07:00:00"	5.7098	154.48	71.41	78.666	1.1339	26.438	0
"2013-07-23	08:00:00"	4.2713	141.97	71.142	79.455	59.809	26.447	0
"2013-07-23	09:00:00"	8.8185	182.22	74.112	72.999	232.37	26.453	0
"2013-07-23	10:00:00"	9.8935	188.82	77.896	63.464	455.35	26.456	0
"2013-07-23	11:00:00"	8.8744	190.53	81.16	55.62	637.02	26.456	0
"2013-07-23	12:00:00"	9.4256	199.01	84.227	48.354	834.06	26.459	0
"2013-07-23	13:00:00"	8.9707	185.94	86.048	42.413	955.86	26.459	0
"2013-07-23	14:00:00"	9.2553	211.9	88.51	37.226	1033.4	26.441	0
"2013-07-23	15:00:00"	10.252	181.88	90.78	33.176	1021	26.426	0
"2013-07-23	16:00:00"	9.7909	179.23	91.493	31.496	790.75	26.409	0
"2013-07-23	17:00:00"	10.363	180.49	92.54	30.431	738.2	26.394	0
"2013-07-23	18:00:00"	10.318	184.26	93.196	28.273	589.97	26.382	0
"2013-07-23	19:00:00"	10.018	186.91	93.607	28.168	489.03	26.37	0
"2013-07-23	20:00:00"	10.113	165.8	92.904	28.625	232.26	26.373	0
"2013-07-23	21:00:00"	5.99	175.74	90.067	32.996	16.471	26.382	0
"2013-07-23	22:00:00"	9.612	151.73	87.173	40.625	0.1681	26.394	0
"2013-07-23	23:00:00"	11.839	171.47	85.309	45.627	0.138	26.42	0
"2013-07-24	00:00:00"	13.388	172.71	83.224	50.462	0.11426	26.438	0
"2013-07-24	01:00:00"	10.837	172.65	81.397	53.64	0.12062	26.45	0
"2013-07-24	02:00:00"	8.432	175.85	79.598	57.319	0.11659	26.444	0
"2013-07-24	03:00:00"	6.1975	171.71	77.907	61.394	0.12019	26.441	0
"2013-07-24	04:00:00"	5.8962	165.99	76.792	65.04	0.12613	26.435	0
"2013-07-24	05:00:00"	5.2177	171.8	75.452	68.992	0.10429	26.429	0
"2013-07-24	06:00:00"	4.8964	178.23	74.48	71.419	0.10917	26.438	0
"2013-07-24	07:00:00"	5.065	188.86	74.014	73.508	0.29762	26.444	0
"2013-07-24	08:00:00"	5.2537	193.74	73.935	73.307	43.505	26.456	0
"2013-07-24	09:00:00"	7.3235	195.78	76.282	69.112	221.48	26.462	0
"2013-07-24	10:00:00"	5.6855	218.22	80.531	59.761	408.94	26.468	0
"2013-07-24	11:00:00"	4.8225	228.21	84.543	50.503	644.1	26.483	0
"2013-07-24	12:00:00"	3.3001	166.86	88.835	38.722	810.17	26.491	0
"2013-07-24	13:00:00"	4.2614	175.49	91.371	33.429	926.57	26.483	0
"2013-07-24	14:00:00"	8.2586	119.54	91.66	33.324	388.69	26.462	0
"2013-07-24	15:00:00"	10.98	48.308	83.579	48.608	128.38	26.459	0.03
"2013-07-24	16:00:00"	11.703	121.32	81.261	49.849	66.041	26.471	0
"2013-07-24	17:00:00"	5.8415	140.75	79.724	55.77	27.431	26.462	0
"2013-07-24	18:00:00"	2.2835	63.82	80.168	58.836	115.94	26.453	0
"2013-07-24	19:00:00"	2.6992	275.35	81.6	58.175	105.63	26.444	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-24	20:00:00"	2.8384	334.37	80.137	69.494	51.295	26.447	0
"2013-07-24	21:00:00"	3.3057	42.954	80.349	67.125	21.065	26.459	0
"2013-07-24	22:00:00"	3.4989	36.961	77.504	75.697	0.11807	26.483	0
"2013-07-24	23:00:00"	4.8281	48.234	77.365	71.144	0.10684	26.503	0
"2013-07-25	00:00:00"	5.1014	87.156	78.349	62.925	0.09899	26.509	0
"2013-07-25	01:00:00"	2.6427	97.73	77.135	64.469	0.14881	26.515	0
"2013-07-25	02:00:00"	4.9275	319.98	76.089	65.691	0.1009	26.524	0
"2013-07-25	03:00:00"	8.2934	348.35	74.097	66.437	0.11638	26.524	0
"2013-07-25	04:00:00"	8.3202	337.16	72.677	66.503	0.1115	26.515	0
"2013-07-25	05:00:00"	8.524	0.40257	72.003	69.509	0.09942	26.53	0
"2013-07-25	06:00:00"	9.817	0.60098	71.059	70.567	0.13567	26.542	0
"2013-07-25	07:00:00"	9.5803	357.59	70.023	71.485	0.24632	26.55	0
"2013-07-25	08:00:00"	9.8021	358.13	70.399	69.554	41.578	26.55	0
"2013-07-25	09:00:00"	11.769	6.1764	72.506	63.778	206.87	26.559	0
"2013-07-25	10:00:00"	9.7965	0.21454	75.241	58.998	289.15	26.574	0
"2013-07-25	11:00:00"	7.6354	353.95	76.523	57.838	357.11	26.592	0
"2013-07-25	12:00:00"	5.2493	350.3	79.826	50.68	771.03	26.595	0
"2013-07-25	13:00:00"	4.9989	303.93	83.377	43.346	687.72	26.58	0
"2013-07-25	14:00:00"	4.8113	278.65	84.897	40.637	841.34	26.568	0
"2013-07-25	15:00:00"	5.5252	180.24	86.621	37.198	1053.3	26.545	0
"2013-07-25	16:00:00"	8.2419	139.31	88.522	34.652	929.4	26.53	0
"2013-07-25	17:00:00"	9.3417	159.14	90.684	30.385	908.2	26.503	0
"2013-07-25	18:00:00"	9.2802	179.47	91.169	28.061	366.35	26.488	0
"2013-07-25	19:00:00"	10.25	186.75	91.298	25.862	259.54	26.477	0
"2013-07-25	20:00:00"	11.055	185.65	91.041	26.366	175.38	26.483	0
"2013-07-25	21:00:00"	7.7429	212.53	89.741	26.745	25.395	26.494	0
"2013-07-25	22:00:00"	6.0267	195.33	88.114	29.132	0.12655	26.506	0
"2013-07-25	23:00:00"	7.1103	192.97	86.772	31.077	0.11532	26.515	0
"2013-07-26	00:00:00"	4.2346	214.52	83.927	35.87	0.12549	26.524	0
"2013-07-26	01:00:00"	5.4861	192.9	81.678	40.067	0.11998	26.527	0
"2013-07-26	02:00:00"	5.0505	193.5	80.285	42.571	0.15644	26.518	0
"2013-07-26	03:00:00"	6.5182	196.82	78.815	44.351	0.0973	26.524	0
"2013-07-26	04:00:00"	6.0279	203.17	77.297	45.744	0.10917	26.518	0
"2013-07-26	05:00:00"	4.2663	227.61	75.826	48.087	0.10154	26.518	0
"2013-07-26	06:00:00"	2.7924	234.15	74.28	50.174	0.1221	26.512	0
"2013-07-26	07:00:00"	2.4333	235.59	73.947	51.487	0.25353	26.515	0
"2013-07-26	08:00:00"	2.8403	323.98	71.022	60.039	46.872	26.527	0
"2013-07-26	09:00:00"	5.8036	3.3211	74.066	56.865	126.37	26.55	0
"2013-07-26	10:00:00"	7.2091	31.914	79.59	44.289	340.3	26.562	0
"2013-07-26	11:00:00"	11.553	39.712	82.576	43.12	604.92	26.568	0
"2013-07-26	12:00:00"	12.675	38.475	84.694	41.263	800.94	26.574	0
"2013-07-26	13:00:00"	12.575	31.627	86.61	39.64	928.55	26.568	0
"2013-07-26	14:00:00"	11.942	36.158	88.056	35.897	1000.4	26.556	0
"2013-07-26	15:00:00"	11.369	31.613	89.808	32.676	1014.4	26.55	0
"2013-07-26	16:00:00"	11.866	28.086	90.751	29.419	929.47	26.533	0
"2013-07-26	17:00:00"	13.072	38.764	91.146	27.169	835.46	26.512	0
"2013-07-26	18:00:00"	13.539	40.842	91.352	24.438	661.83	26.506	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-26	19:00:00"	13.414	51.58	90.507	25.016	419.83	26.512	0
"2013-07-26	20:00:00"	12.39	53.917	89.386	24.607	250.44	26.527	0
"2013-07-26	21:00:00"	10.663	53.994	86.281	28.579	25.736	26.545	0
"2013-07-26	22:00:00"	9.0341	58.845	82.402	32.21	0.15157	26.568	0
"2013-07-26	23:00:00"	7.1172	55.737	78.901	39.929	0.11553	26.598	0
"2013-07-27	00:00:00"	7.5963	60.385	76.976	47.113	0.14584	26.604	0
"2013-07-27	01:00:00"	7.0445	68.673	75.177	55.864	0.09285	26.604	0
"2013-07-27	02:00:00"	6.9407	60.818	73.686	62.075	0.10663	26.609	0
"2013-07-27	03:00:00"	6.6499	69.533	72.409	65.097	0.10917	26.598	0
"2013-07-27	04:00:00"	6.1286	65.041	70.742	68.642	0.11426	26.574	0
"2013-07-27	05:00:00"	4.7982	64.946	69.245	72.011	0.10408	26.583	0
"2013-07-27	06:00:00"	4.3968	63.301	66.89	77.275	0.1204	26.589	0
"2013-07-27	07:00:00"	1.3906	8.046	65.515	80.308	0.41696	26.598	0
"2013-07-27	08:00:00"	2.2276	347.56	64.466	82.196	55.754	26.607	0
"2013-07-27	09:00:00"	4.4006	97.758	69.764	72.06	230.97	26.618	0
"2013-07-27	10:00:00"	6.3995	134.21	72.709	65.827	444.04	26.618	0
"2013-07-27	11:00:00"	3.0932	157	75.718	56.899	681.97	26.612	0
"2013-07-27	12:00:00"	3.6785	160.04	78.321	47.434	788.83	26.604	0
"2013-07-27	13:00:00"	4.3832	185.26	81.064	40.235	906.97	26.583	0
"2013-07-27	14:00:00"	5.3929	147.84	83.187	32.404	971.77	26.562	0
"2013-07-27	15:00:00"	6.9786	114.46	85.435	25.457	1051.7	26.539	0
"2013-07-27	16:00:00"	7.3483	116.72	86.666	21.49	992.53	26.515	0
"2013-07-27	17:00:00"	8.3065	115.9	87.509	22.911	864.51	26.485	0
"2013-07-27	18:00:00"	8.7452	115.54	88.317	22.087	673.31	26.462	0
"2013-07-27	19:00:00"	9.0888	127.78	88.124	19.676	467.6	26.447	0
"2013-07-27	20:00:00"	9.8481	128.03	87.368	20.26	249.34	26.447	0
"2013-07-27	21:00:00"	8.7576	129.7	85.26	22.254	38.311	26.459	0
"2013-07-27	22:00:00"	7.6876	127.48	82.661	25.221	0.15559	26.465	0
"2013-07-27	23:00:00"	9.5909	125.13	80.521	27.436	0.13461	26.48	0
"2013-07-28	00:00:00"	8.9397	139.71	78.408	31.396	0.12507	26.483	0
"2013-07-28	01:00:00"	7.9113	152.89	77.308	34.358	0.13143	26.485	0
"2013-07-28	02:00:00"	6.3951	147.8	76.233	37.104	0.10345	26.474	0
"2013-07-28	03:00:00"	6.3044	142.95	74.976	41.078	0.10811	26.462	0
"2013-07-28	04:00:00"	7.2135	129.98	73.766	43.337	0.14839	26.447	0
"2013-07-28	05:00:00"	7.216	142.71	71.285	47.736	0.13821	26.441	0
"2013-07-28	06:00:00"	6.5002	140.4	70.156	51.69	0.15559	26.435	0
"2013-07-28	07:00:00"	6.3548	131.7	69.362	54.821	0.45152	26.438	0
"2013-07-28	08:00:00"	6.4486	108.15	68.452	56.658	50.672	26.435	0
"2013-07-28	09:00:00"	10.491	133.22	70.798	55.394	220.37	26.447	0
"2013-07-28	10:00:00"	12.89	163.6	75.194	49.999	433.54	26.453	0
"2013-07-28	11:00:00"	13.722	174.77	79.233	44.785	586.79	26.45	0
"2013-07-28	12:00:00"	13.011	177.12	81.826	41.887	819.62	26.438	0
"2013-07-28	13:00:00"	11.708	177.24	84.271	37.662	940.72	26.429	0
"2013-07-28	14:00:00"	11.333	179.86	86.388	35.709	1015.7	26.415	0
"2013-07-28	15:00:00"	11.527	183.56	87.786	34.653	754.48	26.394	0
"2013-07-28	16:00:00"	12.992	171.18	89.076	34.006	703.3	26.364	0
"2013-07-28	17:00:00"	12.465	170.47	89.004	34.628	423.38	26.347	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-28	18:00:00"	8.857	130.78	86.972	39.822	225.72	26.344	0
"2013-07-28	19:00:00"	9.5225	94.016	84.554	44.446	139.15	26.341	0
"2013-07-28	20:00:00"	12.489	126.8	80.808	51.805	70.348	26.37	0
"2013-07-28	21:00:00"	13.008	127.01	76.043	63.461	16.167	26.403	0
"2013-07-28	22:00:00"	6.2255	132.38	74.501	68.914	0.10981	26.415	0
"2013-07-28	23:00:00"	4.6106	114.01	75.008	70.421	0.14118	26.415	0
"2013-07-29	00:00:00"	7.7578	128.95	74.403	73.074	0.15644	26.426	0
"2013-07-29	01:00:00"	8.7309	131.25	74.011	76.194	0.13037	26.42	0
"2013-07-29	02:00:00"	6.1584	187.01	73.553	77.155	0.12125	26.415	0
"2013-07-29	03:00:00"	3.2603	144.45	73.408	77.781	0.11362	26.403	0
"2013-07-29	04:00:00"	4.3334	145.8	72.837	80.555	0.10875	26.4	0
"2013-07-29	05:00:00"	5.9826	165.3	72.023	84.226	0.1168	26.397	0
"2013-07-29	06:00:00"	6.4194	191.98	71.407	83.987	0.08394	26.409	0
"2013-07-29	07:00:00"	6.7562	194.77	70.835	85.475	0.15199	26.42	0
"2013-07-29	08:00:00"	5.729	184.72	70.106	86.83	36.416	26.438	0
"2013-07-29	09:00:00"	6.5418	189.08	72.677	77.218	244.34	26.456	0
"2013-07-29	10:00:00"	8.5426	190.14	76.107	64.049	317	26.471	0
"2013-07-29	11:00:00"	9.561	193.75	78.502	55.703	521.66	26.465	0
"2013-07-29	12:00:00"	9.1453	201.65	80.614	49.642	375.91	26.477	0
"2013-07-29	13:00:00"	8.8452	193.81	81.572	47.314	316.74	26.471	0
"2013-07-29	14:00:00"	8.2903	197.11	83.875	44.841	614.13	26.468	0
"2013-07-29	15:00:00"	6.9227	200.77	86.936	39.525	994.36	26.456	0
"2013-07-29	16:00:00"	6.3896	190.2	89.169	35.118	949.78	26.438	0
"2013-07-29	17:00:00"	6.4424	212.17	91.339	31.786	701.69	26.429	0
"2013-07-29	18:00:00"	9.0975	196.98	90.665	32.529	598.95	26.429	0
"2013-07-29	19:00:00"	8.2046	184.34	91.258	31.476	465.94	26.423	0
"2013-07-29	20:00:00"	10.12	164.74	90.486	31.151	184.98	26.441	0
"2013-07-29	21:00:00"	11.836	184.13	88.907	31.503	39.377	26.459	0
"2013-07-29	22:00:00"	14.05	181.75	83.286	47.811	0.43795	26.471	0
"2013-07-29	23:00:00"	12.652	189.37	79.947	54.633	0.11998	26.483	0
"2013-07-30	00:00:00"	11.448	193.23	78.031	57.089	0.10111	26.483	0
"2013-07-30	01:00:00"	10.794	195.52	76.105	60.588	0.09999	26.48	0
"2013-07-30	02:00:00"	9.0639	194.53	74.906	64.021	0.13715	26.477	0
"2013-07-30	03:00:00"	7.874	194.69	74.085	66.112	0.13185	26.48	0
"2013-07-30	04:00:00"	7.2004	194.18	73.253	68.359	0.10005	26.48	0
"2013-07-30	05:00:00"	6.8419	196.08	72.285	71.121	0.11934	26.483	0
"2013-07-30	06:00:00"	6.6549	191.78	72.179	72.136	0.12549	26.5	0
"2013-07-30	07:00:00"	4.6354	211.76	70.839	75.463	0.14584	26.515	0
"2013-07-30	08:00:00"	5.1313	218.24	70.337	78.084	51.711	26.527	0
"2013-07-30	09:00:00"	5.8626	227.98	73.797	71.434	225.39	26.547	0
"2013-07-30	10:00:00"	6.0553	278.88	78.123	61.455	419.58	26.547	0
"2013-07-30	11:00:00"	6.4038	277.02	81.671	52.595	619	26.547	0
"2013-07-30	12:00:00"	7.9094	322.86	85.628	46.068	804	26.553	0
"2013-07-30	13:00:00"	8.7582	342.64	88.357	42.309	922.13	26.547	0
"2013-07-30	14:00:00"	8.8452	350.08	91.888	36.174	1019	26.53	0
"2013-07-30	15:00:00"	10.74	10.756	95.439	28.335	1024	26.518	0
"2013-07-30	16:00:00"	11.508	38.977	96.772	25.567	898.96	26.503	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-07-30"	17:00:00"	11.874	22.983	97.648	21.786	827.07	26.488	0
"2013-07-30"	18:00:00"	11.858	32.406	97.566	22.978	675.7	26.483	0
"2013-07-30"	19:00:00"	11.875	29.371	96.414	24.895	442.48	26.491	0
"2013-07-30"	20:00:00"	10.255	45.767	94.698	27.527	197.86	26.497	0
"2013-07-30"	21:00:00"	7.0159	44.448	92.031	31.56	24.487	26.512	0
"2013-07-30"	22:00:00"	3.7879	27.836	87.225	37.561	0.13291	26.527	0
"2013-07-30"	23:00:00"	5.8788	19.837	84.838	41.861	0.12125	26.521	0
"2013-07-31"	00:00:00"	3.891	72.974	82.485	47.675	0.1221	26.524	0
"2013-07-31"	01:00:00"	3.6779	0.68143	79.009	54.292	0.11786	26.53	0
"2013-07-31"	02:00:00"	3.1765	72.398	77.301	56.327	0.15432	26.527	0
"2013-07-31"	03:00:00"	5.9627	124.78	78.661	53.26	0.10578	26.542	0
"2013-07-31"	04:00:00"	6.0894	148.15	77.189	56.472	0.10239	26.547	0
"2013-07-31"	05:00:00"	5.5358	167.93	76.412	57.358	0.10917	26.55	0
"2013-07-31"	06:00:00"	6.607	172.31	76.139	58.38	0.11256	26.559	0
"2013-07-31"	07:00:00"	6.2951	189.56	75.382	59.814	0.33493	26.565	0
"2013-07-31"	08:00:00"	4.8902	193.7	74.946	60.717	30.218	26.574	0
"2013-07-31"	09:00:00"	4.9138	184.02	76.78	58.598	178.72	26.598	0
"2013-07-31"	10:00:00"	5.4128	183.4	80.653	51.161	389.88	26.607	0
"2013-07-31"	11:00:00"	5.0785	172.41	84.126	44.278	552.46	26.609	0
"2013-07-31"	12:00:00"	2.3239	112.91	88.626	35.371	702.64	26.607	0
"2013-07-31"	13:00:00"	5.9397	123.07	91.635	32.019	836.86	26.595	0
"2013-07-31"	14:00:00"	7.6509	111.02	92.95	30.481	848.23	26.586	0
"2013-07-31"	15:00:00"	8.03	121.54	94.637	26.375	1023.5	26.565	0
"2013-07-31"	16:00:00"	10.833	120.1	95.776	23.736	965.83	26.539	0
"2013-07-31"	17:00:00"	10.805	117.46	96.159	22.497	798.89	26.524	0
"2013-07-31"	18:00:00"	10.728	102.18	95.323	24.862	435.26	26.518	0
"2013-07-31"	19:00:00"	8.7731	121.19	94.087	26.483	250.83	26.512	0
"2013-07-31"	20:00:00"	5.0785	289.85	87.828	35.598	70.239	26.518	0
"2013-07-31"	21:00:00"	3.0578	315.83	86.241	37.607	20.245	26.533	0
"2013-07-31"	22:00:00"	4.0545	66.271	85.685	37.114	0.131	26.556	0
"2013-07-31"	23:00:00"	6.3343	92.338	85.103	39.542	0.08712	26.565	0
"2013-08-01"	00:00:00"	8.4395	35.475	81.2	45.218	0.11108	26.577	0
"2013-08-01"	01:00:00"	8.5644	28.149	77.993	46.489	0.1115	26.592	0
"2013-08-01"	02:00:00"	7.0209	36.484	77	46.821	0.13355	26.589	0
"2013-08-01"	03:00:00"	10.844	33.448	76.575	50.715	0.12507	26.586	0
"2013-08-01"	04:00:00"	9.4983	40.23	74.843	62.213	0.12931	26.577	0
"2013-08-01"	05:00:00"	8.9546	53.724	74.2	66.899	0.10451	26.577	0
"2013-08-01"	06:00:00"	8.2114	70.605	73.359	69.444	0.13439	26.574	0
"2013-08-01"	07:00:00"	5.9322	76.342	72.215	72.487	0.14181	26.574	0
"2013-08-01"	08:00:00"	7.8454	100.06	72.991	70.43	44.294	26.586	0
"2013-08-01"	09:00:00"	9.9413	107.5	76.344	62.033	219.79	26.592	0
"2013-08-01"	10:00:00"	8.7321	118.85	81.199	50.449	447.44	26.601	0
"2013-08-01"	11:00:00"	6.4337	170.31	84.539	38.768	660.87	26.598	0
"2013-08-01"	12:00:00"	5.4215	192.41	87.46	31.174	796.08	26.601	0
"2013-08-01"	13:00:00"	4.8734	165.46	89.324	27.895	935.81	26.583	0
"2013-08-01"	14:00:00"	6.0229	146.45	90.573	26.479	909.48	26.562	0
"2013-08-01"	15:00:00"	7.1967	121.15	92.127	23.891	1016.1	26.536	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-01	16:00:00"	7.9032	141.95	93.682	21.447	979.55	26.506	0
"2013-08-01	17:00:00"	8.2257	158.4	94.475	19.632	817.16	26.488	0
"2013-08-01	18:00:00"	8.2238	158.37	94.474	19.006	544.16	26.468	0
"2013-08-01	19:00:00"	9.6089	148.15	94.048	20.171	298.44	26.474	0
"2013-08-01	20:00:00"	8.7334	135.64	93.522	20.518	183.66	26.471	0
"2013-08-01	21:00:00"	7.7677	147.61	91.423	22.7	30.099	26.477	0
"2013-08-01	22:00:00"	5.0735	142.81	88.42	25.66	0.10387	26.477	0
"2013-08-01	23:00:00"	3.3573	161.32	85.294	28.093	0.10875	26.491	0
"2013-08-02	00:00:00"	2.3799	168.26	82.055	31.714	0.11786	26.485	0
"2013-08-02	01:00:00"	3.4194	172.31	80.576	34.696	0.10345	26.48	0
"2013-08-02	02:00:00"	3.438	149.65	79.225	37.23	0.11426	26.477	0
"2013-08-02	03:00:00"	5.7334	169.82	77.996	40.307	0.1185	26.468	0
"2013-08-02	04:00:00"	4.0569	177.27	75.985	43.473	0.12994	26.468	0
"2013-08-02	05:00:00"	3.5785	176.86	74.062	46.037	0.10535	26.462	0
"2013-08-02	06:00:00"	4.1402	176.82	73.453	46.141	0.14181	26.459	0
"2013-08-02	07:00:00"	5.1176	154.69	73.5	44.881	0.20329	26.465	0
"2013-08-02	08:00:00"	4.5354	162.34	73.253	43.834	42.51	26.477	0
"2013-08-02	09:00:00"	7.9535	159.71	76.498	38.375	214.25	26.483	0
"2013-08-02	10:00:00"	11.63	185.6	81.429	32.159	430.78	26.491	0
"2013-08-02	11:00:00"	11.264	193.6	85.103	28.208	643.21	26.494	0
"2013-08-02	12:00:00"	9.3647	203.91	88.594	24.843	824.09	26.491	0
"2013-08-02	13:00:00"	9.9494	217.77	91.941	21.603	957.37	26.48	0
"2013-08-02	14:00:00"	9.0478	218.41	94.212	19.244	1028.7	26.459	0
"2013-08-02	15:00:00"	7.4204	218.16	95.888	17.583	1096.7	26.432	0
"2013-08-02	16:00:00"	8.4817	208.22	97.148	16.529	852.24	26.415	0
"2013-08-02	17:00:00"	6.9767	227.89	97.483	16.158	749.21	26.4	0
"2013-08-02	18:00:00"	8.916	193.01	96.582	17.146	456.85	26.388	0
"2013-08-02	19:00:00"	9.2292	189.37	96.363	17.386	369.78	26.388	0
"2013-08-02	20:00:00"	8.7371	179.79	95.595	17.44	155.49	26.391	0
"2013-08-02	21:00:00"	7.3912	192.32	93.714	17.146	35.267	26.4	0
"2013-08-02	22:00:00"	6.2889	194.62	91.222	17.707	0.10875	26.415	0
"2013-08-02	23:00:00"	3.932	174.26	87.269	20.948	0.11235	26.432	0
"2013-08-03	00:00:00"	6.5704	170.73	83.458	26.656	0.12613	26.441	0
"2013-08-03	01:00:00"	7.5726	175.72	82.099	31.507	0.12507	26.447	0
"2013-08-03	02:00:00"	8.1257	179.29	81.408	35.11	0.11892	26.45	0
"2013-08-03	03:00:00"	6.8817	184.07	79.737	37.474	0.1115	26.453	0
"2013-08-03	04:00:00"	8.14	185.45	78.973	37.869	0.11383	26.447	0
"2013-08-03	05:00:00"	8.7887	187.48	78.227	39.222	0.12295	26.45	0
"2013-08-03	06:00:00"	7.8672	182.18	76.765	41.816	0.12846	26.45	0
"2013-08-03	07:00:00"	7.0656	181.12	75.401	44.197	0.20414	26.465	0
"2013-08-03	08:00:00"	7.4105	186.68	75.008	45.703	45.391	26.471	0
"2013-08-03	09:00:00"	11.737	187.06	77.426	43.714	209.06	26.474	0
"2013-08-03	10:00:00"	13.019	185.12	80.736	39.704	416.04	26.48	0
"2013-08-03	11:00:00"	12.739	192.78	84.538	34.986	645.87	26.488	0
"2013-08-03	12:00:00"	9.7369	196.08	89.057	29.48	818.27	26.485	0
"2013-08-03	13:00:00"	9.2733	185.69	92.121	24.776	950.53	26.477	0
"2013-08-03	14:00:00"	8.2673	181.54	94.742	21.872	1016.4	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-03	15:00:00"	8.5271	157.4	97.336	17.535	975.57	26.453	0
"2013-08-03	16:00:00"	7.0731	159.13	98.684	15.444	1018.8	26.435	0
"2013-08-03	17:00:00"	8.501	161.68	99.121	14.209	864.03	26.418	0
"2013-08-03	18:00:00"	8.8228	154.35	99.161	14.19	628.07	26.415	0
"2013-08-03	19:00:00"	8.2686	147.14	98.61	14.908	422.39	26.406	0
"2013-08-03	20:00:00"	11.476	133.32	97.519	16.189	231.85	26.412	0
"2013-08-03	21:00:00"	13.359	122.09	94.609	19.19	45.539	26.423	0
"2013-08-03	22:00:00"	11.705	124.56	91.165	22.123	0.12549	26.444	0
"2013-08-03	23:00:00"	10.635	127.11	87.753	25.468	0.12252	26.48	0
"2013-08-04	00:00:00"	9.3013	139.63	84.984	30.404	0.09369	26.497	0
"2013-08-04	01:00:00"	7.782	149.44	82.648	34.713	0.12231	26.512	0
"2013-08-04	02:00:00"	8.6911	159.09	80.856	37.594	0.13503	26.509	0
"2013-08-04	03:00:00"	9.7872	169.03	79.815	39.911	0.10663	26.506	0
"2013-08-04	04:00:00"	7.5366	173.25	77.98	43.051	0.13206	26.509	0
"2013-08-04	05:00:00"	6.9979	160.72	76.818	44.555	0.13757	26.503	0
"2013-08-04	06:00:00"	8.4326	161.69	75.985	43.447	0.11574	26.503	0
"2013-08-04	07:00:00"	6.7729	153.29	74.912	43.999	0.35528	26.512	0
"2013-08-04	08:00:00"	7.5764	142.79	73.024	49.683	37.073	26.524	0
"2013-08-04	09:00:00"	8.7893	147.79	74.078	57.071	184.79	26.542	0
"2013-08-04	10:00:00"	12.053	151.77	78.12	56.408	423.1	26.547	0
"2013-08-04	11:00:00"	12.043	147.44	81.201	49.84	616.24	26.545	0
"2013-08-04	12:00:00"	11.637	146.48	85.062	40.805	820.68	26.542	0
"2013-08-04	13:00:00"	11.206	145.8	87.883	32.527	953.48	26.53	0
"2013-08-04	14:00:00"	11.209	143.21	90.484	26.432	1025.1	26.506	0
"2013-08-04	15:00:00"	10.257	142.89	92.232	21.945	1031.1	26.488	0
"2013-08-04	16:00:00"	10.996	149.08	93.413	19.899	968.43	26.462	0
"2013-08-04	17:00:00"	10.863	146.79	94.511	20.653	840.29	26.453	0
"2013-08-04	18:00:00"	10.348	142.75	94.948	19.846	667.44	26.438	0
"2013-08-04	19:00:00"	9.9805	131.75	95.069	19.416	458.36	26.432	0
"2013-08-04	20:00:00"	8.8409	132.21	94.109	20.308	236.31	26.438	0
"2013-08-04	21:00:00"	9.0335	136.34	91.96	22.182	46.648	26.441	0
"2013-08-04	22:00:00"	7.8119	124.36	88.356	25.855	0.1291	26.459	0
"2013-08-04	23:00:00"	8.4277	131.66	85.942	30.509	0.10302	26.485	0
"2013-08-05	00:00:00"	8.6215	144.12	83.656	32.613	0.12549	26.5	0
"2013-08-05	01:00:00"	7.9001	147.39	80.95	35.876	0.1062	26.497	0
"2013-08-05	02:00:00"	8.3139	163.69	79.311	39.661	0.10663	26.497	0
"2013-08-05	03:00:00"	10.944	172.89	79.448	42.678	0.13863	26.497	0
"2013-08-05	04:00:00"	9.3821	165.24	78.244	45.349	0.13312	26.491	0
"2013-08-05	05:00:00"	7.5956	160.91	76.945	48.984	0.09645	26.488	0
"2013-08-05	06:00:00"	6.2883	148.15	76.434	51.01	0.1257	26.488	0
"2013-08-05	07:00:00"	7.1874	136.55	75.398	53.392	0.20901	26.494	0
"2013-08-05	08:00:00"	6.7282	129.13	73.816	56.811	41.909	26.503	0
"2013-08-05	09:00:00"	10.122	149.51	75.332	56.333	204.03	26.512	0
"2013-08-05	10:00:00"	12.803	168.82	79.266	50.986	421.76	26.509	0
"2013-08-05	11:00:00"	9.392	181.59	82.435	44.904	636.27	26.503	0
"2013-08-05	12:00:00"	7.1768	185.5	85.515	39.391	816.06	26.5	0
"2013-08-05	13:00:00"	6.3734	193.2	88.874	32.631	947.27	26.485	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-05	14:00:00"	6.6835	211.56	92.1	26.924	996.16	26.465	0
"2013-08-05	15:00:00"	5.8061	200.24	93.244	24.993	902.33	26.447	0
"2013-08-05	16:00:00"	5.9353	217.76	95.153	22.485	850.66	26.423	0
"2013-08-05	17:00:00"	6.9519	202.58	96.501	20.398	864.55	26.403	0
"2013-08-05	18:00:00"	5.8055	237.42	97.769	20.589	673.03	26.385	0
"2013-08-05	19:00:00"	7.49	186.44	96.982	21.575	464.18	26.37	0
"2013-08-05	20:00:00"	7.7044	187.59	96.17	21.462	222.55	26.37	0
"2013-08-05	21:00:00"	6.082	184.52	94.679	21.787	45.015	26.376	0
"2013-08-05	22:00:00"	3.6015	177.21	90.52	24.031	0.11256	26.385	0
"2013-08-05	23:00:00"	6.0229	175.27	87.796	28.063	0.10811	26.397	0
"2013-08-06	00:00:00"	9.4535	170.47	86.832	32.533	0.10239	26.412	0
"2013-08-06	01:00:00"	10.462	177.94	85.035	35.86	0.10908	26.418	0
"2013-08-06	02:00:00"	10.292	172.36	83.192	37.491	0.08585	26.423	0
"2013-08-06	03:00:00"	10.277	172.62	81.72	37.987	0.09603	26.409	0
"2013-08-06	04:00:00"	8.3083	179.12	80.167	40.015	0.1026	26.403	0
"2013-08-06	05:00:00"	7.2122	181.89	79.172	42.173	0.11934	26.4	0
"2013-08-06	06:00:00"	5.3935	185.63	77.775	44.542	0.10535	26.397	0
"2013-08-06	07:00:00"	6.832	196.02	76.433	46.566	0.17086	26.412	0
"2013-08-06	08:00:00"	6.5437	204.59	75.534	48.167	40.769	26.418	0
"2013-08-06	09:00:00"	8.8303	193.53	78.015	45.58	202.53	26.423	0
"2013-08-06	10:00:00"	8.9167	223.39	83.167	38.879	421.43	26.429	0
"2013-08-06	11:00:00"	9.1105	268.21	88.642	31.399	628.17	26.432	0
"2013-08-06	12:00:00"	8.4407	264.18	93.104	27.312	796.67	26.432	0
"2013-08-06	13:00:00"	9.4771	259.88	96.624	20.986	934.41	26.426	0
"2013-08-06	14:00:00"	9.451	273.38	97.873	18.968	1014.5	26.409	0
"2013-08-06	15:00:00"	7.7684	226.13	98.421	17.929	1039	26.388	0
"2013-08-06	16:00:00"	7.4024	246.14	99.71	16.883	837.18	26.367	0
"2013-08-06	17:00:00"	10.076	252.98	98.967	17.486	497.61	26.356	0
"2013-08-06	18:00:00"	8.9645	226.94	97.669	19.323	404.3	26.356	0
"2013-08-06	19:00:00"	10.263	224.18	96.826	18.804	232.22	26.358	0
"2013-08-06	20:00:00"	15.743	211.54	93.804	21.582	125.25	26.376	0
"2013-08-06	21:00:00"	11.64	183.1	88.156	24.473	36.378	26.394	0
"2013-08-06	22:00:00"	7.211	183.42	85.244	28.797	0.12337	26.4	0
"2013-08-06	23:00:00"	8.0474	209.26	83.166	32.245	0.10938	26.406	0
"2013-08-07	00:00:00"	9.2323	193.12	81.097	35.242	0.09857	26.412	0
"2013-08-07	01:00:00"	6.1528	201.23	78.716	39.105	0.13249	26.403	0
"2013-08-07	02:00:00"	5.0636	214.24	77.318	42.014	0.10875	26.397	0
"2013-08-07	03:00:00"	3.9258	219.31	76.249	44.161	0.11362	26.394	0
"2013-08-07	04:00:00"	2.9167	226.76	74.304	47.669	0.12719	26.382	0
"2013-08-07	05:00:00"	5.0667	211.52	73.497	49.65	0.1062	26.4	0
"2013-08-07	06:00:00"	5.3686	216.95	72.952	50.001	0.12952	26.403	0
"2013-08-07	07:00:00"	4.134	211.5	71.942	52.086	0.16725	26.406	0
"2013-08-07	08:00:00"	4.7504	222.99	71.312	54.201	33.637	26.418	0
"2013-08-07	09:00:00"	6.7953	215.84	73.39	51.912	107.47	26.435	0
"2013-08-07	10:00:00"	7.1601	229.35	78.923	43.393	413.89	26.447	0
"2013-08-07	11:00:00"	9.7754	276.62	87.994	31.135	611.39	26.441	0
"2013-08-07	12:00:00"	10.593	288.06	91.498	27.038	802.47	26.444	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-07	13:00:00"	11.671	303.05	93.386	23.931	938.87	26.438	0
"2013-08-07	14:00:00"	9.8239	310.87	94.047	23.01	852.96	26.429	0
"2013-08-07	15:00:00"	8.6327	272.2	94.775	22.518	723.14	26.412	0
"2013-08-07	16:00:00"	13.744	232.57	85.654	37.188	175.04	26.435	0
"2013-08-07	17:00:00"	7.1774	111.03	79.369	47.508	118.97	26.426	0
"2013-08-07	18:00:00"	5.5631	349.08	80.149	45.835	178.36	26.418	0
"2013-08-07	19:00:00"	5.7253	28.64	80.452	49.491	220.85	26.385	0
"2013-08-07	20:00:00"	4.966	44.02	80.814	46.706	159.96	26.379	0
"2013-08-07	21:00:00"	4.2781	68.694	80.754	44.171	46.534	26.388	0
"2013-08-07	22:00:00"	1.8355	93.969	77.074	50.494	0.09751	26.391	0
"2013-08-07	23:00:00"	1.6516	153.29	75.963	53.158	0.09878	26.409	0
"2013-08-08	00:00:00"	2.3395	162.76	74.319	58.979	0.13249	26.409	0
"2013-08-08	01:00:00"	4.769	184.08	75.741	56.265	0.13249	26.409	0
"2013-08-08	02:00:00"	2.9689	161.88	73.857	57.959	0.10048	26.406	0
"2013-08-08	03:00:00"	3.5629	167.29	73.23	58.399	0.10875	26.388	0
"2013-08-08	04:00:00"	4.0066	175.74	72.147	60.754	0.12295	26.382	0
"2013-08-08	05:00:00"	3.9004	195.57	70.967	63.68	0.12337	26.376	0
"2013-08-08	06:00:00"	3.0497	188.34	70.9	65.723	0.10663	26.382	0
"2013-08-08	07:00:00"	2.8011	216.16	70.228	68.116	0.14203	26.382	0
"2013-08-08	08:00:00"	3.3877	271.57	69.016	71.438	28.876	26.391	0
"2013-08-08	09:00:00"	4.9753	254.47	73.198	60.386	196.93	26.409	0
"2013-08-08	10:00:00"	5.3109	251.04	78.86	48.291	409.62	26.415	0
"2013-08-08	11:00:00"	6.0838	296.11	83.104	38.028	620.65	26.426	0
"2013-08-08	12:00:00"	7.5795	303.32	86.01	32.997	802.12	26.426	0
"2013-08-08	13:00:00"	6.4741	282.56	88.99	26.509	933.34	26.423	0
"2013-08-08	14:00:00"	7.3446	280.48	90.705	23.524	1027.4	26.415	0
"2013-08-08	15:00:00"	8.0505	274.94	92.404	20.421	1022	26.403	0
"2013-08-08	16:00:00"	8.4245	281.56	93.551	18.954	950.69	26.385	0
"2013-08-08	17:00:00"	9.8481	279.52	94.371	18.513	832.27	26.367	0
"2013-08-08	18:00:00"	9.3498	280.06	94.62	18.729	654.44	26.353	0
"2013-08-08	19:00:00"	9.3156	287.35	94.178	18.87	448.03	26.341	0
"2013-08-08	20:00:00"	6.8202	282.35	93.728	19.102	226.69	26.347	0
"2013-08-08	21:00:00"	3.2554	286.1	91.161	19.751	41.885	26.364	0
"2013-08-08	22:00:00"	1.3092	150.09	86.635	23.092	0.09836	26.379	0
"2013-08-08	23:00:00"	2.2867	114.13	82.866	26.536	0.12019	26.397	0
"2013-08-09	00:00:00"	4.4695	93.653	82.579	27.541	0.12888	26.4	0
"2013-08-09	01:00:00"	5.2817	124.49	84.083	27.073	0.11235	26.397	0
"2013-08-09	02:00:00"	5.7017	145.77	81.594	30.946	0.10557	26.394	0
"2013-08-09	03:00:00"	4.1427	192.95	77.037	40.639	0.09348	26.397	0
"2013-08-09	04:00:00"	4.6913	293.54	76.587	45.29	0.14478	26.42	0
"2013-08-09	05:00:00"	9.0509	19.366	71.702	63.823	0.09921	26.426	0
"2013-08-09	06:00:00"	10.757	32.016	68.821	73.799	0.12782	26.432	0
"2013-08-09	07:00:00"	12.038	27.267	67.401	76.151	0.14457	26.447	0
"2013-08-09	08:00:00"	13.653	24.071	65.904	72.575	41.099	26.471	0
"2013-08-09	09:00:00"	15.811	28.803	67.629	69.459	195.92	26.497	0
"2013-08-09	10:00:00"	16.044	35.756	70.511	64.915	400.57	26.506	0
"2013-08-09	11:00:00"	13.441	40.5	74.109	59.031	619.48	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-09	12:00:00"	11.635	45.294	78.198	51.893	799.16	26.524	0
"2013-08-09	13:00:00"	10.75	44.616	81.568	46.23	932.58	26.524	0
"2013-08-09	14:00:00"	10.274	38.472	84.212	41.327	1004.2	26.521	0
"2013-08-09	15:00:00"	10.133	42.247	86.501	37.059	1008.4	26.506	0
"2013-08-09	16:00:00"	11.297	53.327	88.618	33.919	943.33	26.494	0
"2013-08-09	17:00:00"	11.114	50.627	90.349	30.997	816.38	26.48	0
"2013-08-09	18:00:00"	10.432	68.929	90.896	29.947	616.44	26.471	0
"2013-08-09	19:00:00"	10.241	69.544	91.478	29.244	434.69	26.468	0
"2013-08-09	20:00:00"	11.863	59.283	90.628	30.556	217.17	26.465	0
"2013-08-09	21:00:00"	11.964	58.533	88.423	33.937	55.631	26.483	0
"2013-08-09	22:00:00"	13.423	103.2	84.178	41.311	0.11913	26.562	0
"2013-08-09	23:00:00"	11.795	198.16	70.34	71.724	0.10366	26.598	0.22
"2013-08-10	00:00:00"	13.588	196.59	72.979	56.021	0.10747	26.621	0
"2013-08-10	01:00:00"	15.731	196.95	72.954	53.061	0.13185	26.556	0.03
"2013-08-10	02:00:00"	7.7156	90.869	76.884	42.274	0.12189	26.565	0
"2013-08-10	03:00:00"	9.5474	66.371	73.518	59.033	0.11934	26.571	0
"2013-08-10	04:00:00"	11.679	77.587	71.623	70.168	0.1115	26.601	0
"2013-08-10	05:00:00"	10.02	59.471	69.895	72.903	0.13609	26.621	0
"2013-08-10	06:00:00"	10.667	21.609	68.846	74.644	0.12761	26.618	0
"2013-08-10	07:00:00"	9.7916	18.303	68.848	73.861	0.12464	26.633	0
"2013-08-10	08:00:00"	10.265	35.415	69.255	72.026	12.679	26.651	0
"2013-08-10	09:00:00"	10.821	42.197	69.477	72.315	147.92	26.66	0
"2013-08-10	10:00:00"	10.924	51.109	72.411	63.344	397.95	26.666	0
"2013-08-10	11:00:00"	8.7781	63.782	74.833	55.979	429.64	26.66	0
"2013-08-10	12:00:00"	6.7114	78.43	78.814	47.876	771.81	26.66	0
"2013-08-10	13:00:00"	5.3699	70.793	81.541	44.543	763.23	26.657	0
"2013-08-10	14:00:00"	5.5271	26.233	83.244	42.159	726.78	26.642	0
"2013-08-10	15:00:00"	5.3189	76.585	84.217	40.237	717.44	26.618	0
"2013-08-10	16:00:00"	6.3361	52.577	86.347	35.417	846.34	26.592	0
"2013-08-10	17:00:00"	6.6263	95.776	87.32	33.512	552.15	26.571	0
"2013-08-10	18:00:00"	10.537	120.33	85.509	39.329	176.11	26.565	0
"2013-08-10	19:00:00"	8.3177	88.619	86.531	34.866	374.13	26.547	0
"2013-08-10	20:00:00"	9.8792	65.576	86.178	37.125	156.31	26.539	0
"2013-08-10	21:00:00"	6.4753	110.78	83.479	43.375	6.7783	26.556	0
"2013-08-10	22:00:00"	4.1234	94.868	80.708	50.225	0.10302	26.577	0
"2013-08-10	23:00:00"	6.2982	142.13	78.999	57.343	0.09179	26.592	0
"2013-08-11	00:00:00"	5.3208	123.48	78.086	56.498	0.12825	26.601	0
"2013-08-11	01:00:00"	7.1464	119.37	77.49	60.894	0.10239	26.601	0
"2013-08-11	02:00:00"	6.9917	132.91	77.155	61.912	0.11786	26.586	0
"2013-08-11	03:00:00"	2.7651	103.79	75.268	65.651	0.11447	26.577	0
"2013-08-11	04:00:00"	2.9546	64.938	73.354	70.721	0.11595	26.562	0
"2013-08-11	05:00:00"	6.1087	112.6	73.48	70.415	0.12825	26.568	0
"2013-08-11	06:00:00"	3.6151	115.52	72.58	69.987	0.1115	26.571	0
"2013-08-11	07:00:00"	1.8119	65.07	70.784	74.65	0.10896	26.595	0
"2013-08-11	08:00:00"	2.6564	344.49	70.258	77.887	13.394	26.618	0
"2013-08-11	09:00:00"	3.2939	25.013	72.838	71.198	95.524	26.63	0
"2013-08-11	10:00:00"	8.0051	23.866	75.742	62.718	469.93	26.627	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-11	11:00:00"	5.1456	72.52	78.824	54.147	630.52	26.627	0
"2013-08-11	12:00:00"	4.8635	123	80.874	49.966	671.53	26.615	0
"2013-08-11	13:00:00"	9.0515	152.39	83.679	45.054	782.13	26.601	0
"2013-08-11	14:00:00"	11.358	173.8	85.563	39.856	810.68	26.58	0
"2013-08-11	15:00:00"	12.202	173.7	87.308	34.877	984.11	26.565	0
"2013-08-11	16:00:00"	10.404	185.65	88.666	32.173	968.07	26.542	0
"2013-08-11	17:00:00"	8.5227	232.32	88.399	34.649	459.36	26.539	0
"2013-08-11	18:00:00"	10.888	27.158	85.326	41.693	447.85	26.536	0
"2013-08-11	19:00:00"	10.043	54.238	84.311	42.295	221.66	26.521	0
"2013-08-11	20:00:00"	9.1286	47.763	83.108	42.466	172.78	26.518	0
"2013-08-11	21:00:00"	7.792	76.64	81.802	43.526	38.645	26.533	0
"2013-08-11	22:00:00"	5.6681	63.254	79.901	50.638	0.09454	26.533	0
"2013-08-11	23:00:00"	7.8318	75.015	78.566	55.081	0.1433	26.55	0
"2013-08-12	00:00:00"	7.0078	103.98	77.095	60.597	0.09857	26.55	0
"2013-08-12	01:00:00"	7.0532	86.75	75.656	63.264	0.11341	26.55	0
"2013-08-12	02:00:00"	6.6897	84.568	74.528	65.106	0.131	26.547	0
"2013-08-12	03:00:00"	5.8813	105.49	74.093	63.875	0.12019	26.542	0
"2013-08-12	04:00:00"	6.5679	137.6	74.6	61.625	0.12104	26.545	0
"2013-08-12	05:00:00"	6.7338	152.17	73.547	65.445	0.14181	26.545	0
"2013-08-12	06:00:00"	6.3287	169.86	73.157	66.561	0.10769	26.545	0
"2013-08-12	07:00:00"	6.5654	168.32	72.453	68.726	0.11616	26.55	0
"2013-08-12	08:00:00"	4.2918	181.02	71.163	72.848	31.779	26.562	0
"2013-08-12	09:00:00"	7.211	188.3	72.539	71.152	178.08	26.571	0
"2013-08-12	10:00:00"	10.777	182.26	75.616	64.321	394.42	26.574	0
"2013-08-12	11:00:00"	10.874	180.45	79.473	54.768	605.6	26.574	0
"2013-08-12	12:00:00"	11.035	184.22	82.884	45.723	778.87	26.574	0
"2013-08-12	13:00:00"	8.3046	179.12	84.789	40.329	912.62	26.568	0
"2013-08-12	14:00:00"	7.0432	163.34	86.517	36.106	990.83	26.553	0
"2013-08-12	15:00:00"	6.0708	156.69	88.399	33.028	950.16	26.536	0
"2013-08-12	16:00:00"	6.6431	147.42	89.46	31.374	805.72	26.512	0
"2013-08-12	17:00:00"	7.4049	134.26	90.66	29.738	706.32	26.491	0
"2013-08-12	18:00:00"	7.3098	154.45	91.429	27.73	658.75	26.48	0
"2013-08-12	19:00:00"	7.3042	143.69	91.201	28.293	416.13	26.465	0
"2013-08-12	20:00:00"	8.2593	128.27	90.862	27.798	195.89	26.462	0
"2013-08-12	21:00:00"	8.0231	120.95	88.943	30.142	18.699	26.474	0
"2013-08-12	22:00:00"	6.6201	118.65	86.334	33.413	0.10154	26.488	0
"2013-08-12	23:00:00"	7.9883	136.27	83.924	38.202	0.1291	26.512	0
"2013-08-13	00:00:00"	7.8305	150.26	81.038	43.704	0.11998	26.509	0
"2013-08-13	01:00:00"	9.4125	162.87	79.391	47.244	0.09999	26.503	0
"2013-08-13	02:00:00"	9.0353	177.84	78.675	47.944	0.09221	26.512	0
"2013-08-13	03:00:00"	7.7606	185.53	77.309	51.291	0.0884	26.512	0
"2013-08-13	04:00:00"	7.5217	181.62	76.074	54.599	0.09327	0.02628	0
"2013-08-13	05:00:00"	6.3796	178.47	74.566	59.011	0.09921	26.518	0
"2013-08-13	06:00:00"	4.459	180.8	72.916	63.125	0.10726	26.518	0
"2013-08-13	07:00:00"	4.1035	184.39	72.004	64.872	0.12655	26.515	0
"2013-08-13	08:00:00"	2.7838	255.03	71.881	64.765	30.454	26.527	0
"2013-08-13	09:00:00"	5.0356	185.42	74.518	59.792	183.51	26.536	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-13	10:00:00"	8.8241	179.65	77.689	54.007	398.59	26.547	0
"2013-08-13	11:00:00"	6.041	182.09	80.8	47.994	608.86	26.553	0
"2013-08-13	12:00:00"	3.7307	162.75	83.996	41.054	787.9	26.553	0
"2013-08-13	13:00:00"	5.9726	131.46	86.492	35.588	922.92	26.545	0
"2013-08-13	14:00:00"	7.7193	113.89	88.674	32.497	851.36	26.53	0
"2013-08-13	15:00:00"	8.3879	84.632	90.358	29.755	887.34	26.512	0
"2013-08-13	16:00:00"	8.3015	101.73	91.768	27.422	871.39	26.488	0
"2013-08-13	17:00:00"	8.1331	93.031	92.536	26.012	709.78	26.465	0
"2013-08-13	18:00:00"	8.396	114.15	92.481	25.974	403.1	26.456	0
"2013-08-13	19:00:00"	7.9529	127.14	92.325	25.838	375.97	26.465	0
"2013-08-13	20:00:00"	7.8883	113.41	91.642	26.657	135.16	26.456	0
"2013-08-13	21:00:00"	7.7827	112.15	89.481	28.87	10.815	26.456	0
"2013-08-13	22:00:00"	7.3521	119.86	86.433	34.136	0.085	26.48	0
"2013-08-13	23:00:00"	6.927	109.23	84.05	37.56	0.10917	26.494	0
"2013-08-14	00:00:00"	8.7818	116.42	83.236	39.031	0.12231	26.503	0
"2013-08-14	01:00:00"	8.0666	101.12	80.876	43.123	0.1168	26.518	0
"2013-08-14	02:00:00"	7.8361	68.661	77.928	55.374	0.11108	26.521	0
"2013-08-14	03:00:00"	9.6499	47.635	75.948	64.464	0.11065	26.53	0
"2013-08-14	04:00:00"	12.966	47.265	74.679	69.787	0.13545	26.542	0
"2013-08-14	05:00:00"	13.178	53.542	72.687	69.182	0.09369	26.53	0
"2013-08-14	06:00:00"	13.953	64.53	71.448	66.791	0.1611	26.533	0
"2013-08-14	07:00:00"	13.773	69.085	69.625	67.616	0.10302	26.547	0
"2013-08-14	08:00:00"	11.35	62.331	69.111	70.962	8.2793	26.592	0
"2013-08-14	09:00:00"	14.842	17.449	69.554	67.66	67.117	26.615	0
"2013-08-14	10:00:00"	17.285	23.327	69.936	62.273	89.497	26.633	0
"2013-08-14	11:00:00"	13.484	50.736	64.589	82.419	29.363	26.607	0.16
"2013-08-14	12:00:00"	10.246	99.876	67.241	80.173	177.19	26.595	0.01
"2013-08-14	13:00:00"	7.1246	67.845	71.445	70.131	334.5	26.601	0
"2013-08-14	14:00:00"	4.7864	63.021	74.577	58.078	299.18	26.583	0
"2013-08-14	15:00:00"	3.7518	46.511	76.003	53.577	442.34	26.562	0
"2013-08-14	16:00:00"	4.7982	29.157	79.429	44.299	951.25	26.536	0
"2013-08-14	17:00:00"	6.2193	58.925	82.129	39.561	810.68	26.509	0
"2013-08-14	18:00:00"	7.1799	80.214	83.711	36.928	638.6	26.509	0
"2013-08-14	19:00:00"	6.4834	85.606	83.918	36.86	360.63	26.488	0
"2013-08-14	20:00:00"	8.0989	111.33	82.845	44.68	212.45	26.497	0
"2013-08-14	21:00:00"	7.0364	81.402	80.358	49.106	19.951	26.512	0
"2013-08-14	22:00:00"	8.1132	71.669	76.426	60.906	0.1433	26.527	0
"2013-08-14	23:00:00"	7.4701	91.396	74.274	67.769	0.13991	26.545	0
"2013-08-15	00:00:00"	10.41	114.7	73.218	70.033	0.14054	26.536	0
"2013-08-15	01:00:00"	10.862	115.03	72.713	73.483	0.09666	26.55	0
"2013-08-15	02:00:00"	7.3061	111.19	71.747	79.143	0.12083	26.542	0
"2013-08-15	03:00:00"	5.6874	88.962	70.646	80.432	0.10853	26.55	0
"2013-08-15	04:00:00"	8.5494	67.412	70.393	79.723	0.12422	26.542	0
"2013-08-15	05:00:00"	9.5324	80.186	69.356	82.501	0.1062	26.55	0
"2013-08-15	06:00:00"	6.1217	97.514	67.551	81.788	0.11426	26.547	0
"2013-08-15	07:00:00"	5.7091	71.259	65.884	78.037	0.12125	26.559	0
"2013-08-15	08:00:00"	4.3844	45.798	64.283	83.006	24.102	26.571	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-15	09:00:00"	2.076	56.433	68.43	72.476	174.33	26.583	0
"2013-08-15	10:00:00"	4.5546	152.19	72.877	65.778	385.91	26.589	0
"2013-08-15	11:00:00"	4.2073	174.51	76.321	60.119	597.19	26.58	0
"2013-08-15	12:00:00"	3.4697	210.49	80.828	49.366	783.04	26.574	0
"2013-08-15	13:00:00"	4.4167	223.66	83.754	44.058	846.16	26.55	0
"2013-08-15	14:00:00"	4.7435	203.68	86.094	39.907	945.73	26.536	0
"2013-08-15	15:00:00"	4.7336	177.74	88.073	35.383	995.93	26.515	0
"2013-08-15	16:00:00"	4.1135	140.77	89.243	32.794	641.42	26.497	0
"2013-08-15	17:00:00"	4.6559	149.18	89.885	32.71	416.97	26.471	0
"2013-08-15	18:00:00"	7.0948	100.9	90.772	30.997	588.01	26.465	0
"2013-08-15	19:00:00"	5.7794	120.22	91.04	29.767	366.03	26.456	0
"2013-08-15	20:00:00"	4.9573	134.42	90.663	29.176	198	26.471	0
"2013-08-15	21:00:00"	7.6137	109.62	88.736	32.332	22.103	26.491	0
"2013-08-15	22:00:00"	8.4022	117.07	84.964	38.678	0.10747	26.503	0
"2013-08-15	23:00:00"	9.4908	114.9	82.459	42.946	0.12634	26.515	0
"2013-08-16	00:00:00"	9.4542	119.06	80.727	42.786	0.10302	26.527	0
"2013-08-16	01:00:00"	7.0985	123.43	78.727	45.674	0.12168	26.547	0
"2013-08-16	02:00:00"	4.751	204.96	76.79	48.21	0.13397	26.536	0
"2013-08-16	03:00:00"	5.4979	164.9	75.738	50.75	0.10345	26.521	0
"2013-08-16	04:00:00"	3.1603	219.99	74.677	53.528	0.12019	0	0
"2013-08-16	05:00:00"	3.0199	231.74	74.438	54.636	0.11998	26.512	0
"2013-08-16	06:00:00"	0.89975	350.2	70.159	61.893	0.15708	26.494	0
"2013-08-16	07:00:00"	1.2111	325.67	68.331	64.562	0.10027	26.509	0
"2013-08-16	08:00:00"	1.193	336.45	67.035	68.06	27.837	26.518	0
"2013-08-16	09:00:00"	1.1253	159.35	73.751	51.861	179.07	26.533	0
"2013-08-16	10:00:00"	3.1895	177.97	79.495	39.838	390.31	26.542	0
"2013-08-16	11:00:00"	9.1621	85.172	83.04	37.434	600.28	26.574	0
"2013-08-16	12:00:00"	16.396	102.88	79.746	53.101	771.8	26.577	0
"2013-08-16	13:00:00"	13.626	125.4	81.571	49.157	896.59	26.571	0
"2013-08-16	14:00:00"	11.754	131.9	84.237	41.423	968.72	26.547	0
"2013-08-16	15:00:00"	9.8618	150.72	86.587	36.375	973.81	26.527	0
"2013-08-16	16:00:00"	8.1766	156.24	88.454	33.117	908.42	26.509	0
"2013-08-16	17:00:00"	10.048	153.85	89.626	32.988	774.14	26.497	0
"2013-08-16	18:00:00"	9.3342	145.86	90.263	31.027	578.52	26.497	0
"2013-08-16	19:00:00"	8.0244	137.89	90.407	28.581	390.96	26.491	0
"2013-08-16	20:00:00"	8.7781	127.95	89.528	28.147	161.48	26.494	0
"2013-08-16	21:00:00"	8.483	113.87	87.254	30.046	18.844	26.515	0
"2013-08-16	22:00:00"	7.6118	113.25	84.253	33.984	0.10217	26.53	0
"2013-08-16	23:00:00"	8.0902	110.93	81.54	37.054	0.13037	26.547	0
"2013-08-17	00:00:00"	8.2686	104.51	79.139	40.14	0.10514	26.568	0
"2013-08-17	01:00:00"	8.8123	97.319	77.825	43.441	0.11256	26.589	0
"2013-08-17	02:00:00"	8.6998	32.046	76.84	50.271	0.13482	26.562	0
"2013-08-17	03:00:00"	9.297	130.47	75.719	52.935	0.10896	26.571	0
"2013-08-17	04:00:00"	7.0998	115.01	73.905	55.14	0.12146	26.553	0
"2013-08-17	05:00:00"	6.6897	128.66	71.504	60.041	0.10217	26.553	0
"2013-08-17	06:00:00"	4.5	93.867	69.175	63.916	0.09984	26.553	0
"2013-08-17	07:00:00"	5.3593	79.646	67.382	66.59	0.13249	26.565	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-17	08:00:00"	5.3581	84.796	66.58	69.156	24.689	26.577	0
"2013-08-17	09:00:00"	7.3446	107.64	68.882	66.237	165.89	26.586	0
"2013-08-17	10:00:00"	10.517	136.97	73.332	55.057	376.52	26.586	0
"2013-08-17	11:00:00"	11.983	152.72	77.704	45.429	587.05	26.586	0
"2013-08-17	12:00:00"	11.646	156.65	81.286	40.552	764.91	26.577	0
"2013-08-17	13:00:00"	9.9177	143.08	84.851	35.875	895.54	26.562	0
"2013-08-17	14:00:00"	8.5395	148.5	87.601	32.013	965.49	26.539	0
"2013-08-17	15:00:00"	7.7659	159.99	89.93	28.962	967.83	26.509	0
"2013-08-17	16:00:00"	9.0422	148.23	91.428	27.06	898.52	26.488	0
"2013-08-17	17:00:00"	8.8788	134.21	92.35	25.431	771.41	26.468	0
"2013-08-17	18:00:00"	8.4202	134.54	93.242	23.304	593.28	26.45	0
"2013-08-17	19:00:00"	8.7843	150.76	93.158	22.913	381.4	26.447	0
"2013-08-17	20:00:00"	8.2624	164.97	92.298	23.153	128.27	26.453	0
"2013-08-17	21:00:00"	5.3848	158.05	89.561	25.703	8.8256	26.465	0
"2013-08-17	22:00:00"	5.9179	126.7	86.613	28.178	0.09497	26.48	0
"2013-08-17	23:00:00"	6.8307	128.1	84.612	29.879	0.15835	26.497	0
"2013-08-18	00:00:00"	6.2889	97.473	79.943	35.813	0.08882	26.503	0
"2013-08-18	01:00:00"	9.8798	115.74	78.423	37.111	0.08903	26.515	0
"2013-08-18	02:00:00"	9.7655	128.26	77.808	37.081	0.11065	26.524	0
"2013-08-18	03:00:00"	8.2151	129.61	76.118	40.489	0.12146	26.515	0
"2013-08-18	04:00:00"	7.677	129.27	74.585	42.779	0.12528	26.518	0
"2013-08-18	05:00:00"	4.8529	130.74	73.182	45.368	0.15602	26.512	0
"2013-08-18	06:00:00"	3.7233	96.662	70.485	49.715	0.14203	26.506	0
"2013-08-18	07:00:00"	3.0546	96.731	67.989	54.968	0.131	26.512	0
"2013-08-18	08:00:00"	4.1483	90.917	67.658	55.266	18.919	26.53	0
"2013-08-18	09:00:00"	7.024	105.82	69.44	52.375	153.89	26.536	0
"2013-08-18	10:00:00"	9.9214	155.7	74.374	42.57	354.3	26.539	0
"2013-08-18	11:00:00"	9.8065	178.39	79.241	36.72	569.41	26.55	0
"2013-08-18	12:00:00"	8.9123	184.56	83.945	32.224	753.62	26.545	0
"2013-08-18	13:00:00"	7.0376	214.82	88.18	28.203	899.62	26.533	0
"2013-08-18	14:00:00"	5.2096	218.01	91.244	25.13	967.29	26.515	0
"2013-08-18	15:00:00"	3.8233	180.43	94.388	20.384	962.01	26.491	0
"2013-08-18	16:00:00"	5.6706	142.2	95.004	18.8	787.53	26.471	0
"2013-08-18	17:00:00"	4.4602	142.76	94.771	19.116	330.46	26.453	0
"2013-08-18	18:00:00"	5.1499	141.65	94.298	19.498	199.71	26.447	0
"2013-08-18	19:00:00"	3.8165	157.63	94.358	18.754	184.56	26.438	0
"2013-08-18	20:00:00"	10.335	125.76	93.931	20.211	171.49	26.441	0
"2013-08-18	21:00:00"	9.8531	174.8	88.266	25.551	9.4821	26.468	0
"2013-08-18	22:00:00"	13.409	185.47	82.294	35.164	0.12931	26.497	0
"2013-08-18	23:00:00"	8.9707	185.17	79.054	42.49	0.11108	26.509	0
"2013-08-19	00:00:00"	5.3581	184.68	77.32	43.9	0.13016	26.509	0
"2013-08-19	01:00:00"	4.966	175.81	74.713	49.531	0.12655	26.509	0
"2013-08-19	02:00:00"	4.3987	190.97	73.295	53.494	0.11595	26.509	0
"2013-08-19	03:00:00"	2.7831	224.96	72.568	54.191	0.13079	26.509	0
"2013-08-19	04:00:00"	2.6787	172.4	71.528	56.626	0.12062	26.494	0
"2013-08-19	05:00:00"	4.3148	160.04	70.954	57.849	0.12062	26.48	0
"2013-08-19	06:00:00"	3.5424	210.28	70.245	58.341	0.12486	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-19	07:00:00"	2.3625	89.793	67.928	62.636	0.12083	26.488	0
"2013-08-19	08:00:00"	1.3378	21.21	65.097	67.177	18.524	26.5	0
"2013-08-19	09:00:00"	4.2539	167.52	70.743	57.519	155.53	26.512	0
"2013-08-19	10:00:00"	8.199	187.46	75.647	48.054	337.94	26.515	0
"2013-08-19	11:00:00"	9.0869	183.42	80.991	39.278	533.21	26.524	0
"2013-08-19	12:00:00"	10.46	181.45	85.228	32.608	765.19	26.524	0
"2013-08-19	13:00:00"	9.4647	187.52	89.071	26.458	896.07	26.515	0
"2013-08-19	14:00:00"	10.29	175.65	91.918	22.592	969.16	26.494	0
"2013-08-19	15:00:00"	10.043	179.46	93.734	19.44	971.79	26.483	0
"2013-08-19	16:00:00"	8.9453	196.52	94.894	17.603	914.8	26.462	0
"2013-08-19	17:00:00"	9.7984	189.61	95.418	16.754	777.73	26.441	0
"2013-08-19	18:00:00"	10.04	180.48	95.15	16.848	534.14	26.432	0
"2013-08-19	19:00:00"	9.8655	177.29	94.549	17.142	372.42	26.426	0
"2013-08-19	20:00:00"	9.7369	181.78	93.612	17.359	154.38	26.426	0
"2013-08-19	21:00:00"	7.047	178.01	90.387	19.518	9.0225	26.432	0
"2013-08-19	22:00:00"	6.1895	161.37	86.465	22.389	0.11044	26.447	0
"2013-08-19	23:00:00"	6.2187	170.77	83.394	25.259	0.09687	26.462	0
"2013-08-20	00:00:00"	5.465	183.05	80.946	27.809	0.11256	26.48	0
"2013-08-20	01:00:00"	5.1744	181.85	78.069	32.204	0.12578	0	0
"2013-08-20	02:00:00"	6.937	186.84	76.971	36.336	0.12804	26.483	0
"2013-08-20	03:00:00"	4.9877	186.53	74.856	41.718	0.12655	26.471	0
"2013-08-20	04:00:00"	5.7005	189.67	73.954	44.8	0.138	26.474	0
"2013-08-20	05:00:00"	2.8291	163.87	71.746	49.763	0.09581	26.465	0
"2013-08-20	06:00:00"	2.7645	163.55	71.146	51.961	0.1009	26.468	0
"2013-08-20	07:00:00"	2.8322	172.94	71.121	52.026	0.11595	26.471	0
"2013-08-20	08:00:00"	1.8088	127.86	69.497	55.037	16.083	26.483	0
"2013-08-20	09:00:00"	6.0435	145.02	72.079	51.011	149.62	26.497	0
"2013-08-20	10:00:00"	9.6903	179.79	77.289	41.826	363.33	26.503	0
"2013-08-20	11:00:00"	10.434	185.95	82.375	32.921	577.05	26.512	0
"2013-08-20	12:00:00"	10.985	188.97	85.809	27.026	759.89	26.509	0
"2013-08-20	13:00:00"	11.522	189.63	88.218	22.686	840.31	26.494	0
"2013-08-20	14:00:00"	14.057	190.24	90.389	19.387	939.42	26.485	0
"2013-08-20	15:00:00"	11.817	190.39	92.061	18.687	975.31	26.474	0
"2013-08-20	16:00:00"	13.235	181.12	93.322	19.436	907.52	26.459	0
"2013-08-20	17:00:00"	10.951	184.15	92.811	20.28	760.34	26.45	0
"2013-08-20	18:00:00"	13.127	162.16	92.853	21.192	591.8	26.441	0
"2013-08-20	19:00:00"	13.156	151.6	92.04	22.292	365.41	26.438	0
"2013-08-20	20:00:00"	14.837	156.02	90.166	24.77	139.62	26.441	0
"2013-08-20	21:00:00"	12.037	151.78	87.635	28.197	6.0866	26.462	0
"2013-08-20	22:00:00"	10.221	145.15	84.63	32.016	0.1168	26.483	0
"2013-08-20	23:00:00"	8.4898	144.33	82.398	35.097	0.092	26.5	0
"2013-08-21	00:00:00"	7.3732	151.77	80.352	37.986	0.12804	26.503	0
"2013-08-21	01:00:00"	6.2945	149.52	78.491	40.392	0.10493	26.506	0
"2013-08-21	02:00:00"	6.5145	141.74	76.823	42.575	0.10557	26.509	0
"2013-08-21	03:00:00"	8.77	137.12	75.404	42.306	0.12295	26.506	0
"2013-08-21	04:00:00"	7.4701	140.17	73.66	43.814	0.13058	26.503	0
"2013-08-21	05:00:00"	7.1371	143.42	72.147	45.677	0.12401	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-21	06:00:00"	7.1638	153.55	71.396	46.285	0.11892	26.509	0
"2013-08-21	07:00:00"	8.3475	153.9	70.404	47.468	0.15581	26.527	0
"2013-08-21	08:00:00"	5.8198	167.23	68.754	50.47	22.891	26.547	0
"2013-08-21	09:00:00"	6.7214	175.87	69.392	54.21	162.5	26.559	0
"2013-08-21	10:00:00"	11.613	182.77	73.821	56.016	368.48	26.565	0
"2013-08-21	11:00:00"	11.756	184.14	78.594	44.368	582.13	26.571	0
"2013-08-21	12:00:00"	11.567	192.2	82.568	32.277	768.1	26.571	0
"2013-08-21	13:00:00"	11.06	168.94	84.746	28.974	905.64	26.568	0
"2013-08-21	14:00:00"	8.903	143.25	86.435	26.726	984.51	26.556	0
"2013-08-21	15:00:00"	8.7806	144.78	88.01	24.685	993.68	26.536	0
"2013-08-21	16:00:00"	9.3268	124.7	89.784	21.218	883.14	26.515	0
"2013-08-21	17:00:00"	9.6493	117.83	90.161	20.794	781.26	26.5	0
"2013-08-21	18:00:00"	10.016	134.13	89.913	19.764	534.38	26.491	0
"2013-08-21	19:00:00"	8.565	126.94	89.794	20.127	377.14	26.48	0
"2013-08-21	20:00:00"	8.3034	122.13	88.545	21.233	130.73	26.483	0
"2013-08-21	21:00:00"	7.518	119.9	86.109	23.908	9.0604	26.497	0
"2013-08-21	22:00:00"	7.9759	115.01	83.276	26.001	0.09942	26.521	0
"2013-08-21	23:00:00"	9.7729	140.81	80.591	31.343	0.14563	26.542	0
"2013-08-22	00:00:00"	7.2589	136.68	78.77	34.554	0.10705	26.553	0
"2013-08-22	01:00:00"	7.2707	142.69	77.633	33.393	0.15178	26.553	0
"2013-08-22	02:00:00"	5.9136	138.11	76.11	35.732	0.13016	26.55	0
"2013-08-22	03:00:00"	5.5898	121.22	74.391	38.413	0.13122	26.547	0
"2013-08-22	04:00:00"	3.215	109.25	71.197	43.97	0.1062	26.545	0
"2013-08-22	05:00:00"	2.9838	170.59	70.469	47.773	0.1062	26.536	0
"2013-08-22	06:00:00"	3.3076	170.82	69.344	56.959	0.11362	26.542	0
"2013-08-22	07:00:00"	2.4246	158.77	68.718	64.084	0.15114	26.55	0
"2013-08-22	08:00:00"	4.8386	138.83	68.441	68.698	24.169	26.571	0
"2013-08-22	09:00:00"	6.4312	157.02	70.543	68.051	168.98	26.58	0
"2013-08-22	10:00:00"	8.061	158.48	74.289	60.979	384.01	26.586	0
"2013-08-22	11:00:00"	6.6108	147.38	78.789	50.764	597.3	26.592	0
"2013-08-22	12:00:00"	8.2313	127.36	82.519	41.421	774.04	26.583	0
"2013-08-22	13:00:00"	10.382	128.54	84.612	36.369	639.25	26.568	0
"2013-08-22	14:00:00"	12.283	142.35	86.293	33.15	912.71	26.545	0
"2013-08-22	15:00:00"	12.698	139.92	87.613	30.494	812.76	26.524	0
"2013-08-22	16:00:00"	10.991	166.63	88.581	27.968	962.85	26.5	0
"2013-08-22	17:00:00"	11.031	158.48	89.354	27.113	666.34	26.483	0
"2013-08-22	18:00:00"	10.606	138.83	88.641	28.21	329.72	26.471	0
"2013-08-22	19:00:00"	9.579	159.62	88.492	28.128	210.56	26.459	0
"2013-08-22	20:00:00"	9.7356	155.46	87.665	29.506	89.361	26.465	0
"2013-08-22	21:00:00"	9.3268	158.7	85.665	31.876	10.016	26.483	0
"2013-08-22	22:00:00"	4.8237	193.72	82.414	36.498	0.1062	26.503	0
"2013-08-22	23:00:00"	6.0428	157.58	81.339	36.884	0.10217	26.512	0
"2013-08-23	00:00:00"	7.7758	157.64	81.405	35.712	0.10408	26.527	0
"2013-08-23	01:00:00"	10.374	158.38	80.274	37.841	0.10451	26.527	0
"2013-08-23	02:00:00"	9.9351	174.68	77.603	41.754	0.12337	26.521	0
"2013-08-23	03:00:00"	7.2328	178.64	75.143	45.929	0.08649	26.521	0
"2013-08-23	04:00:00"	3.489	175.03	72.789	50.569	0.12252	26.515	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-23	05:00:00"	1.72	173.09	71.63	53.934	0.09348	26.518	0
"2013-08-23	06:00:00"	2.012	97.013	70.852	57.516	0.1363	26.518	0
"2013-08-23	07:00:00"	1.0911	70.859	67.501	62.326	0.08776	26.524	0
"2013-08-23	08:00:00"	3.2939	76.094	67.725	64.163	16.008	26.533	0
"2013-08-23	09:00:00"	8.0362	128.88	73.106	58.976	162.3	26.542	0
"2013-08-23	10:00:00"	13.569	159.93	77.74	52.419	375.53	26.542	0
"2013-08-23	11:00:00"	13.803	172.25	80.954	45.413	588.44	26.556	0
"2013-08-23	12:00:00"	11.929	176.86	83.652	39.544	770.91	26.553	0
"2013-08-23	13:00:00"	11.828	156.27	85.98	33.342	918.7	26.533	0
"2013-08-23	14:00:00"	11.415	157.46	87.482	30.112	826.16	26.518	0
"2013-08-23	15:00:00"	12.277	153.26	88.906	28.183	827.29	26.497	0
"2013-08-23	16:00:00"	12.992	153.61	89.1	28.134	678.1	26.471	0
"2013-08-23	17:00:00"	11.361	165.07	88.412	27.74	270.53	26.459	0
"2013-08-23	18:00:00"	14.632	170.96	88.209	27.96	223.29	26.453	0
"2013-08-23	19:00:00"	14.57	209.72	86.012	33.99	167.85	26.45	0
"2013-08-23	20:00:00"	11.064	211.44	83.763	38.747	78.414	26.459	0
"2013-08-23	21:00:00"	10.775	138.49	79.554	47.127	13.342	26.512	0
"2013-08-23	22:00:00"	12.516	43.027	72.031	61.692	0.10832	26.515	0
"2013-08-23	23:00:00"	4.3129	52.478	72.823	60.311	0.11193	26.518	0
"2013-08-24	00:00:00"	3.9358	101.09	73.162	59.549	0.11023	26.506	0
"2013-08-24	01:00:00"	6.1696	140	74.318	54.424	0.10938	26.518	0
"2013-08-24	02:00:00"	3.8308	127.73	72.57	57.046	0.1274	26.518	0
"2013-08-24	03:00:00"	4.7168	137.75	73.284	55.562	0.09666	26.53	0
"2013-08-24	04:00:00"	2.3631	38.248	69.871	62.35	0.15432	26.53	0
"2013-08-24	05:00:00"	2.5663	76.658	69.941	63.931	0.11744	26.536	0
"2013-08-24	06:00:00"	2.2724	68.642	69.519	66.432	0.13524	26.542	0
"2013-08-24	07:00:00"	3.3076	98.817	69.119	70.651	0.09391	26.55	0
"2013-08-24	08:00:00"	3.5785	111.59	69.574	66.467	28.798	26.562	0
"2013-08-24	09:00:00"	6.9388	145.33	73.303	59.589	176.12	26.577	0
"2013-08-24	10:00:00"	12.81	167.93	77.151	53.284	356.97	26.586	0
"2013-08-24	11:00:00"	13.44	174.28	80.327	46.424	586.58	26.589	0
"2013-08-24	12:00:00"	13.18	164.98	83.184	39.975	761.41	26.586	0
"2013-08-24	13:00:00"	12.417	151.74	85.201	35.698	876.99	26.568	0
"2013-08-24	14:00:00"	12.14	159.16	86.933	33.152	886.75	26.55	0
"2013-08-24	15:00:00"	13.148	145.2	87.928	31.895	921.91	26.542	0
"2013-08-24	16:00:00"	11.998	137.34	87.792	31.29	405.05	26.518	0
"2013-08-24	17:00:00"	11.431	149.2	88.75	28.469	506.49	26.503	0
"2013-08-24	18:00:00"	13.612	166.87	83.901	39.581	121.32	26.518	0.05
"2013-08-24	19:00:00"	11.662	176.68	81.185	46.653	139.09	26.5	0
"2013-08-24	20:00:00"	8.7582	147.91	83.4	39.371	68.345	26.503	0
"2013-08-24	21:00:00"	4.6255	126.77	82.41	40.269	5.9079	26.518	0
"2013-08-24	22:00:00"	2.9329	95.118	79.805	43.476	0.1026	26.539	0
"2013-08-24	23:00:00"	4.4179	109.72	78.405	44.045	0.11193	26.562	0
"2013-08-25	00:00:00"	6.7419	122.41	78.184	44.141	0.13185	26.577	0
"2013-08-25	01:00:00"	7.7628	136.97	78.486	44.59	0.12168	26.58	0
"2013-08-25	02:00:00"	6.3572	135.04	76.361	49.727	0.13503	26.577	0
"2013-08-25	03:00:00"	6.0068	138.28	74.914	53.739	0.1168	26.577	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-25	04:00:00"	3.9762	113.74	73.027	56.727	0.1062	26.577	0
"2013-08-25	05:00:00"	2.6036	92.316	70.668	60.454	0.11489	26.577	0
"2013-08-25	06:00:00"	3.3871	93.763	70.406	61.538	0.14415	26.592	0
"2013-08-25	07:00:00"	2.9695	85.292	69.195	64.491	0.10451	26.601	0
"2013-08-25	08:00:00"	3.837	95.361	69.178	65.62	20.295	26.627	0
"2013-08-25	09:00:00"	6.264	119.02	72.618	60.32	152.51	26.63	0
"2013-08-25	10:00:00"	8.7961	157.83	76.973	53.21	360.45	26.645	0
"2013-08-25	11:00:00"	8.7023	188.47	80.556	47.082	575.55	26.651	0
"2013-08-25	12:00:00"	7.6168	192.34	83.461	41.454	741.5	26.645	0
"2013-08-25	13:00:00"	7.8367	157.71	85.362	37.156	702.72	26.621	0
"2013-08-25	14:00:00"	8.9564	153.48	87.48	32.535	758.26	26.607	0
"2013-08-25	15:00:00"	10.141	139.78	88.99	29.489	874.84	26.598	0
"2013-08-25	16:00:00"	10.43	141.19	89.7	28.415	625.42	26.58	0
"2013-08-25	17:00:00"	10.133	120.17	88.882	30.139	314.83	26.571	0
"2013-08-25	18:00:00"	10.217	122.33	90.19	27.811	518.84	26.556	0
"2013-08-25	19:00:00"	12.872	116.62	89.852	28.814	322.52	26.55	0
"2013-08-25	20:00:00"	12.041	117.27	88.456	28.79	137.7	26.547	0
"2013-08-25	21:00:00"	9.9152	120.26	85.907	33.386	7.1774	26.565	0
"2013-08-25	22:00:00"	5.6253	109.08	83.342	36.241	0.11956	26.589	0
"2013-08-25	23:00:00"	6.8866	107.78	80.621	38.975	0.11214	26.609	0
"2013-08-26	00:00:00"	6.7518	102.18	78.926	41.591	0.13206	26.621	0
"2013-08-26	01:00:00"	9.42	161.55	78.085	43.478	0.08924	26.621	0
"2013-08-26	02:00:00"	5.2027	109.58	74.571	48.28	0.0903	26.618	0
"2013-08-26	03:00:00"	7.8883	111.35	76.119	48.902	0.12804	26.612	0
"2013-08-26	04:00:00"	7.2054	111.14	74.062	52.044	0.13376	26.609	0
"2013-08-26	05:00:00"	6.0584	102.04	72.09	56.221	0.1257	26.607	0
"2013-08-26	06:00:00"	6.9401	104.21	70.77	60.174	0.11595	26.609	0
"2013-08-26	07:00:00"	6.5561	102.13	69.989	63.894	0.1079	26.621	0
"2013-08-26	08:00:00"	5.7564	101.18	69.415	67.315	19.701	26.636	0
"2013-08-26	09:00:00"	6.9488	116.49	71.789	65.174	155.25	26.648	0
"2013-08-26	10:00:00"	10.442	134.75	75.302	58.945	349.64	0	0
"2013-08-26	11:00:00"	11.676	146.19	78.404	52.314	584.2	26.663	0
"2013-08-26	12:00:00"	9.561	144.21	80.227	48.532	715.89	26.657	0
"2013-08-26	13:00:00"	9.6878	131.85	82.283	42.882	774.71	26.639	0
"2013-08-26	14:00:00"	10.73	124.9	84.561	35.842	832.04	26.618	0
"2013-08-26	15:00:00"	11.389	116.27	85.712	33.154	763.14	26.601	0
"2013-08-26	16:00:00"	11.58	115.84	86.544	32.146	803.71	26.58	0
"2013-08-26	17:00:00"	11.522	109.98	87.305	31.327	576.13	26.565	0
"2013-08-26	18:00:00"	11.208	130.8	87.495	30.499	449.3	26.559	0
"2013-08-26	19:00:00"	11.493	101.75	87.624	30.421	326.04	26.55	0
"2013-08-26	20:00:00"	11.166	98.944	86.305	32.207	117.15	26.547	0
"2013-08-26	21:00:00"	9.8313	102.38	84.281	34.24	6.6314	26.556	0
"2013-08-26	22:00:00"	7.9256	99.072	81.639	38.444	0.11341	26.559	0
"2013-08-26	23:00:00"	6.0851	98.489	78.964	42.231	0.1221	26.565	0
"2013-08-27	00:00:00"	7.134	107.97	77.436	45.979	0.13842	26.58	0
"2013-08-27	01:00:00"	9.74	127.16	76.805	50.158	0.11892	26.574	0
"2013-08-27	02:00:00"	8.2257	128.6	75.236	54.022	0.12592	26.565	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-27"	03:00:00"	6.8661	121.14	73.53	57.217	0.1009	26.559	0
"2013-08-27"	04:00:00"	4.6317	100.08	71.085	61.304	0.10896	26.553	0
"2013-08-27"	05:00:00"	3.5163	87.703	69.034	65.419	0.10853	26.55	0
"2013-08-27"	06:00:00"	5.107	87.638	67.445	68.431	0.13927	26.553	0
"2013-08-27"	07:00:00"	4.3726	102.72	66.625	70.736	0.13461	26.574	0
"2013-08-27"	08:00:00"	3.8289	110.3	67.727	69.632	30.518	26.583	0
"2013-08-27"	09:00:00"	5.1244	147.59	70.265	69.865	150.06	26.598	0
"2013-08-27"	10:00:00"	6.1516	189.01	73.377	69.398	364.82	26.601	0
"2013-08-27"	11:00:00"	5.775	186.62	75.673	63.221	514.78	26.601	0
"2013-08-27"	12:00:00"	7.2638	159.3	77.962	54.182	617.25	26.592	0
"2013-08-27"	13:00:00"	8.5165	143.56	80.535	46.537	743.79	26.577	0
"2013-08-27"	14:00:00"	9.6362	152.56	82.344	40.912	763.12	26.559	0
"2013-08-27"	15:00:00"	10.256	143.93	84.996	34.79	994.33	26.539	0
"2013-08-27"	16:00:00"	9.2056	142.5	86.241	32.33	914.56	26.518	0
"2013-08-27"	17:00:00"	7.7274	114.39	86.512	30.643	390.56	26.506	0
"2013-08-27"	18:00:00"	8.1592	103.51	86.574	29.886	328.59	26.497	0
"2013-08-27"	19:00:00"	9.4865	104.77	86.549	30.238	228.03	26.494	0
"2013-08-27"	20:00:00"	8.875	116.84	85.584	30.174	88.13	26.491	0
"2013-08-27"	21:00:00"	8.3786	123.77	83.656	33.676	6.1419	26.5	0
"2013-08-27"	22:00:00"	11.619	150.02	80.905	42.252	0.11659	26.518	0
"2013-08-27"	23:00:00"	9.8574	163.92	78.233	50.729	0.11765	26.533	0
"2013-08-28"	00:00:00"	8.1822	161.71	76.451	57.823	0.11765	26.536	0
"2013-08-28"	01:00:00"	11.293	168.13	74.775	63.459	0.08755	26.542	0
"2013-08-28"	02:00:00"	11.144	168.22	72.602	64.254	0.08246	26.536	0
"2013-08-28"	03:00:00"	7.6621	164.83	71.152	68.364	0.13185	26.53	0
"2013-08-28"	04:00:00"	4.4677	121.53	69.838	71.524	0.09581	26.524	0
"2013-08-28"	05:00:00"	4.5236	137.89	69.165	73.284	0.1238	26.53	0
"2013-08-28"	06:00:00"	6.4473	152.76	68.348	74.759	0.14287	26.536	0
"2013-08-28"	07:00:00"	6.064	154.22	67.795	77.108	0.10366	26.547	0
"2013-08-28"	08:00:00"	4.3098	142.62	66.848	78.77	16.996	26.565	0
"2013-08-28"	09:00:00"	6.3597	145.63	68.309	77.069	157.11	26.574	0
"2013-08-28"	10:00:00"	11.667	166.65	70.924	73.419	324.17	26.583	0
"2013-08-28"	11:00:00"	11.992	168.91	74.13	65.743	559.84	26.589	0
"2013-08-28"	12:00:00"	12.439	172.63	77.464	57.055	614.51	26.583	0
"2013-08-28"	13:00:00"	12.201	165.1	79.772	50.033	716.55	26.574	0
"2013-08-28"	14:00:00"	11.459	162.34	81.815	45.119	712.59	26.559	0
"2013-08-28"	15:00:00"	10.883	162.93	83.718	40.511	617.89	26.542	0
"2013-08-28"	16:00:00"	11.766	157.53	85.266	37.164	639.3	26.533	0
"2013-08-28"	17:00:00"	12.879	159.12	85.396	37.179	430.77	26.518	0
"2013-08-28"	18:00:00"	11.026	162	85.152	37.744	215.78	26.515	0
"2013-08-28"	19:00:00"	10.259	157.99	85.524	37.224	178.7	26.509	0
"2013-08-28"	20:00:00"	10.601	149.36	85.281	37.383	106.4	26.515	0
"2013-08-28"	21:00:00"	10.059	148.57	83.539	38.628	3.7054	26.53	0
"2013-08-28"	22:00:00"	10.153	141.11	81.42	39.391	0.11171	26.547	0
"2013-08-28"	23:00:00"	9.1944	140.6	79.387	40.673	0.13016	26.568	0
"2013-08-29"	00:00:00"	7.3626	138.64	77.276	41.157	0.11892	26.574	0
"2013-08-29"	01:00:00"	7.9871	144.61	75.699	42.491	0.11277	26.58	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-29	02:00:00"	5.0375	141.14	74.024	46.253	0.10726	26.577	0
"2013-08-29	03:00:00"	5.7402	141.29	73.039	49.123	0.11214	26.568	0
"2013-08-29	04:00:00"	6.3274	141.01	71.915	51.721	0.11129	26.562	0
"2013-08-29	05:00:00"	5.4979	135.6	70.612	55.105	0.12867	26.562	0
"2013-08-29	06:00:00"	5.5159	145.51	69.695	57.737	0.09984	26.565	0
"2013-08-29	07:00:00"	3.8053	147.91	68.649	60.668	0.10705	26.568	0
"2013-08-29	08:00:00"	4.1825	150.67	68.379	61.798	18.557	26.583	0
"2013-08-29	09:00:00"	8.0648	156.43	71.281	57.519	154.7	26.595	0
"2013-08-29	10:00:00"	12.943	176.95	76.099	48.619	363.74	26.604	0
"2013-08-29	11:00:00"	12.012	189.1	79.358	43.246	578.53	26.609	0
"2013-08-29	12:00:00"	10.565	188.27	82.874	38.345	750.79	26.609	0
"2013-08-29	13:00:00"	7.9529	190.55	85.601	35.721	863.49	26.595	0
"2013-08-29	14:00:00"	7.1302	174.83	87.469	33.234	899.85	26.571	0
"2013-08-29	15:00:00"	7.8498	185.33	89.777	28.37	925.32	26.553	0
"2013-08-29	16:00:00"	8.6694	197.4	91.619	24.422	880.11	26.533	0
"2013-08-29	17:00:00"	7.8958	187.59	91.826	23.318	546.53	26.518	0
"2013-08-29	18:00:00"	6.251	204.35	92.352	22.2	424.11	26.515	0
"2013-08-29	19:00:00"	6.2323	151.86	91.614	24.155	270.27	26.512	0
"2013-08-29	20:00:00"	8.107	136.42	90.913	24.097	120.62	26.509	0
"2013-08-29	21:00:00"	7.2408	138.7	88.308	24.886	3.7484	26.521	0
"2013-08-29	22:00:00"	6.8997	135.95	85.475	26.736	0.09709	26.536	0
"2013-08-29	23:00:00"	7.7255	145.5	83.034	29.424	0.12994	26.545	0
"2013-08-30	00:00:00"	6.2504	159.02	80.24	34.713	0.12867	26.55	0
"2013-08-30	01:00:00"	4.0551	178.04	77.263	39.145	0.11553	26.55	0
"2013-08-30	02:00:00"	4.4788	180.85	76.047	43.308	0.12443	26.55	0
"2013-08-30	03:00:00"	5.3314	193.06	75.684	44.671	0.085	26.553	0
"2013-08-30	04:00:00"	4.5509	194.5	74.545	45.991	0.14118	26.55	0
"2013-08-30	05:00:00"	6.7257	191.7	73.716	47.434	0.09391	26.542	0
"2013-08-30	06:00:00"	4.8107	180.44	71.377	51.578	0.11087	26.55	0
"2013-08-30	07:00:00"	3.7605	181.84	70.556	53.451	0.12125	26.55	0
"2013-08-30	08:00:00"	2.0971	182.97	69.617	55.576	17.101	26.565	0
"2013-08-30	09:00:00"	4.4217	179.03	72.789	51.283	152.11	26.577	0
"2013-08-30	10:00:00"	10.501	187.95	77.974	43.074	362.04	26.583	0
"2013-08-30	11:00:00"	12.717	185.57	81.939	36.323	577.24	26.583	0
"2013-08-30	12:00:00"	12.019	177.59	84.88	32.26	758.49	26.574	0
"2013-08-30	13:00:00"	10.24	161.34	87.408	28.724	891.53	26.562	0
"2013-08-30	14:00:00"	8.1412	142.18	89.579	25.44	960.3	26.539	0
"2013-08-30	15:00:00"	6.484	133.87	91.209	23.404	958.52	26.518	0
"2013-08-30	16:00:00"	7.4378	147.69	92.496	21.433	889.64	26.488	0
"2013-08-30	17:00:00"	8.4109	159.52	93.536	20.056	755.71	26.471	0
"2013-08-30	18:00:00"	8.0343	154.33	94.117	17.555	576.61	26.459	0
"2013-08-30	19:00:00"	7.5994	140.26	93.91	16.192	361	26.456	0
"2013-08-30	20:00:00"	8.171	156.95	92.713	15.95	140.73	26.45	0
"2013-08-30	21:00:00"	6.6257	136.72	89.315	18.113	6.9319	26.462	0
"2013-08-30	22:00:00"	5.1474	145.33	84.86	22.007	0.14181	26.474	0
"2013-08-30	23:00:00"	7.3471	147.45	83.281	24.439	0.10684	26.48	0
"2013-08-31	00:00:00"	6.6654	156.82	80.792	27.542	0.10493	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-08-31	01:00:00"	7.3856	167.74	78.877	32.58	0.13079	26.48	0
"2013-08-31	02:00:00"	6.0683	182.67	76.453	38.311	0.1026	26.48	0
"2013-08-31	03:00:00"	6.663	187.39	76.08	41.015	0.11108	26.477	0
"2013-08-31	04:00:00"	3.5393	220.71	73.956	42.966	0.12125	26.471	0
"2013-08-31	05:00:00"	2.1406	223.95	72.186	46.112	0.12422	26.465	0
"2013-08-31	06:00:00"	3.4287	219.7	72.695	46.334	0.09963	26.465	0
"2013-08-31	07:00:00"	1.9828	284.82	69.937	50.248	0.10811	26.477	0
"2013-08-31	08:00:00"	1.0781	299.11	67.697	55.044	17.069	26.485	0
"2013-08-31	09:00:00"	3.3225	153.25	74.424	46.867	151.54	26.488	0
"2013-08-31	10:00:00"	11.394	178.01	80.215	39.951	365.04	26.497	0
"2013-08-31	11:00:00"	12.513	177.67	84.303	33.986	579.24	26.494	0
"2013-08-31	12:00:00"	12.609	169.56	87.433	28.758	763.07	26.488	0
"2013-08-31	13:00:00"	12.178	149.56	89.626	25.037	895.68	26.477	0
"2013-08-31	14:00:00"	10.117	148	91.093	21.893	964.16	26.453	0
"2013-08-31	15:00:00"	10.335	149.33	92.536	20.097	960.7	26.438	0
"2013-08-31	16:00:00"	10.339	165.85	93.238	19.593	888	26.409	0
"2013-08-31	17:00:00"	7.8852	155.66	94.011	18.894	753.66	26.388	0
"2013-08-31	18:00:00"	8.2425	171.89	94.613	17.732	571.12	26.382	0
"2013-08-31	19:00:00"	8.5786	154.49	94.283	17.994	353.42	26.376	0
"2013-08-31	20:00:00"	6.7729	146.29	93.219	18.855	135.33	26.379	0
"2013-08-31	21:00:00"	6.4654	128.16	90.515	20.917	5.9963	26.394	0
"2013-08-31	22:00:00"	8.2512	121.95	87.657	23.653	0.09539	26.412	0
"2013-08-31	23:00:00"	7.6124	138.26	84.956	26.79	0.13122	26.418	0
"2013-09-01	00:00:00"	8.1542	146.09	83.021	29.213	0.13016	26.415	0
"2013-09-01	01:00:00"	5.6638	169.95	79.867	33.418	0.10959	26.415	0
"2013-09-01	02:00:00"	5.7918	196.96	77.995	37.173	0.10747	26.423	0
"2013-09-01	03:00:00"	6.8835	192.75	77.496	39.361	0.12994	26.426	0
"2013-09-01	04:00:00"	5.6222	197	76.377	41.482	0.11214	26.426	0
"2013-09-01	05:00:00"	4.6963	204.8	75.126	43.638	0.11235	26.426	0
"2013-09-01	06:00:00"	5.3171	203.05	74.557	45.716	0.12486	26.429	0
"2013-09-01	07:00:00"	5.8844	194.92	73.287	49.064	0.14521	26.435	0
"2013-09-01	08:00:00"	4.3459	211.33	72.501	51.963	15.677	26.453	0
"2013-09-01	09:00:00"	5.9596	199.67	74.302	50.177	148.04	26.456	0
"2013-09-01	10:00:00"	10.507	188.14	79.679	42.946	360.15	26.468	0
"2013-09-01	11:00:00"	10.642	186.45	84.449	34.748	574.41	26.471	0
"2013-09-01	12:00:00"	8.5973	174.85	88.768	27.008	756.35	26.474	0
"2013-09-01	13:00:00"	8.3668	130.91	91.021	23.731	848.23	26.462	0
"2013-09-01	14:00:00"	9.9345	110.14	92.274	21.667	697.61	26.45	0
"2013-09-01	15:00:00"	10.214	104.15	93.474	20.361	822.2	26.435	0
"2013-09-01	16:00:00"	11.208	104.14	94.088	19.828	740.51	26.42	0
"2013-09-01	17:00:00"	10.975	103.03	94.709	19.041	702.93	26.409	0
"2013-09-01	18:00:00"	10.547	112.5	94.582	18.993	549.5	26.406	0
"2013-09-01	19:00:00"	10.366	111.42	94.014	19.319	315.5	26.406	0
"2013-09-01	20:00:00"	9.1969	109.05	92.769	19.735	114.67	26.412	0
"2013-09-01	21:00:00"	5.7874	108.17	89.643	22.063	3.7696	26.429	0
"2013-09-01	22:00:00"	3.4915	97.1	85.402	25.274	0.09645	26.453	0
"2013-09-01	23:00:00"	3.3653	71.108	82.007	28.689	0.09115	26.462	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-02	00:00:00"	2.1487	49.264	78.505	32.419	0.08225	26.465	0
"2013-09-02	01:00:00"	1.8237	2.8323	77.261	34.503	0.12125	26.462	0
"2013-09-02	02:00:00"	1.3534	42.272	77.096	35.789	0.11489	26.468	0
"2013-09-02	03:00:00"	4.6702	33.218	75.724	39.561	0.10239	26.477	0
"2013-09-02	04:00:00"	4.7833	42.885	73.907	48.776	0.10387	26.477	0
"2013-09-02	05:00:00"	6.5318	26.776	73.68	53.031	0.0973	26.485	0
"2013-09-02	06:00:00"	9.1373	27.415	74.173	58.061	0.10769	26.5	0
"2013-09-02	07:00:00"	9.6225	31.938	75.024	60.986	0.11977	26.509	0
"2013-09-02	08:00:00"	8.2655	41.319	74.798	62.097	6.8257	26.527	0
"2013-09-02	09:00:00"	9.443	32.72	74.751	62.501	108.58	26.545	0
"2013-09-02	10:00:00"	10.661	48.444	77.558	55.951	364.67	26.55	0
"2013-09-02	11:00:00"	11.695	62.806	80.75	49.899	608.08	26.559	0
"2013-09-02	12:00:00"	11.555	71.267	83.434	46.466	745.54	26.559	0
"2013-09-02	13:00:00"	12.363	80.814	85.273	42.246	663.93	26.542	0
"2013-09-02	14:00:00"	12.621	84.19	86.154	39.389	675.84	26.533	0
"2013-09-02	15:00:00"	10.415	94.564	84.756	39.997	249.63	26.509	0
"2013-09-02	16:00:00"	11.812	87.179	88.32	33.576	772.12	26.471	0
"2013-09-02	17:00:00"	11.766	79.355	89.736	31.113	511.36	26.456	0
"2013-09-02	18:00:00"	11.255	81.183	89.788	28.066	240.13	26.462	0
"2013-09-02	19:00:00"	8.3742	260.23	83.523	41.244	256.34	26.471	0
"2013-09-02	20:00:00"	5.4948	248.21	80.347	48.55	93.982	26.465	0
"2013-09-02	21:00:00"	3.653	265.55	76.612	56.884	1.4839	26.477	0
"2013-09-02	22:00:00"	3.4548	314.32	74.648	60.901	0.09984	26.491	0
"2013-09-02	23:00:00"	5.3283	347.01	75.599	55.367	0.12252	26.506	0
"2013-09-03	00:00:00"	5.2897	74.579	77.386	40.192	0.13757	26.512	0
"2013-09-03	01:00:00"	2.8807	66.349	74.245	46.376	0.1344	26.515	0
"2013-09-03	02:00:00"	2.7968	39.282	71.366	50.871	0.10323	26.518	0
"2013-09-03	03:00:00"	5.1797	58.42	70.638	51.726	0.11871	26.521	0
"2013-09-03	04:00:00"	4.4478	115.39	71.27	55.992	0.12761	26.524	0
"2013-09-03	05:00:00"	3.9693	116.57	70.913	57.393	0.13397	26.521	0
"2013-09-03	06:00:00"	3.6344	156.86	71.265	54.232	0.09073	26.53	0
"2013-09-03	07:00:00"	0.93454	79.203	68.369	58.692	0.11701	26.542	0
"2013-09-03	08:00:00"	1.0775	32.59	65.826	61.676	16.186	26.553	0
"2013-09-03	09:00:00"	1.065	46.747	70.379	54.238	148.9	26.571	0
"2013-09-03	10:00:00"	2.5893	160.08	78.367	39.269	362.06	26.583	0
"2013-09-03	11:00:00"	4.3527	163.81	81.725	34.104	577.84	26.595	0
"2013-09-03	12:00:00"	7.4235	125.47	83.799	33.872	758.49	26.595	0
"2013-09-03	13:00:00"	8.2033	114.46	85.693	28.894	889.67	26.58	0
"2013-09-03	14:00:00"	10.87	111.77	88.29	23.875	954.46	26.556	0
"2013-09-03	15:00:00"	13.039	125.55	89.863	19.905	954.94	26.536	0
"2013-09-03	16:00:00"	10.591	124.69	90.479	18.963	878.56	26.515	0
"2013-09-03	17:00:00"	10.42	127.63	91.11	16.835	749.1	26.494	0
"2013-09-03	18:00:00"	10.653	133.05	91.247	17.489	560.71	26.485	0
"2013-09-03	19:00:00"	9.8139	127.52	90.956	17.847	341.13	26.48	0
"2013-09-03	20:00:00"	9.5548	113.79	89.743	20.029	121.1	26.48	0
"2013-09-03	21:00:00"	7.27	94.658	86.437	22.992	3.6109	26.491	0
"2013-09-03	22:00:00"	7.0178	85.003	82.431	25.339	0.11892	26.506	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-03	23:00:00"	7.4477	85.548	80.442	26.522	0.11638	26.527	0
"2013-09-04	00:00:00"	5.8067	99.86	78.289	28.291	0.12146	26.542	0
"2013-09-04	01:00:00"	4.285	106	76.285	32.252	0.14796	26.55	0
"2013-09-04	02:00:00"	3.2796	111.14	75.45	38.818	0.11892	26.556	0
"2013-09-04	03:00:00"	1.8908	71.073	73.826	43.617	0.12994	26.568	0
"2013-09-04	04:00:00"	1.7461	65.941	72.214	47.561	0.11616	26.568	0
"2013-09-04	05:00:00"	2.6439	99.496	72.732	47.95	0.1185	26.574	0
"2013-09-04	06:00:00"	1.0128	24.479	68.965	53.356	0.1291	26.565	0
"2013-09-04	07:00:00"	0.99917	55.712	69.178	55.286	0.11404	26.571	0
"2013-09-04	08:00:00"	1.7976	121.39	68.233	57.326	15.354	26.58	0
"2013-09-04	09:00:00"	1.7678	283.84	72.862	51.11	146.99	26.598	0
"2013-09-04	10:00:00"	2.3892	249.76	79.414	42.571	359.07	26.604	0
"2013-09-04	11:00:00"	3.3424	173.45	83.84	35.334	574.38	26.618	0
"2013-09-04	12:00:00"	8.1605	128.88	86.53	26.158	767.23	26.612	0
"2013-09-04	13:00:00"	10.123	120.71	88.031	21.59	892.94	26.604	0
"2013-09-04	14:00:00"	9.3659	118.62	89.06	18.784	956.48	26.589	0
"2013-09-04	15:00:00"	7.3533	117.34	90.362	16.534	957.65	26.571	0
"2013-09-04	16:00:00"	7.782	128.66	91.44	16.82	933.6	26.547	0
"2013-09-04	17:00:00"	8.5855	107.68	92.321	15.271	802.51	26.533	0
"2013-09-04	18:00:00"	8.2058	100.67	92.319	15.134	503.69	26.53	0
"2013-09-04	19:00:00"	7.933	85.885	91.323	16.084	206.89	26.527	0
"2013-09-04	20:00:00"	8.3214	100.67	90.5	16.954	115.06	26.533	0
"2013-09-04	21:00:00"	7.6025	85.249	87.004	19.763	2.8619	26.55	0
"2013-09-04	22:00:00"	7.1159	86.025	83.163	21.173	0.10811	26.565	0
"2013-09-04	23:00:00"	6.1441	85.827	79.235	23.903	0.11023	26.571	0
"2013-09-05	00:00:00"	7.1644	104.12	77.604	26.262	0.13503	26.589	0
"2013-09-05	01:00:00"	3.9121	99.806	75.755	34.078	0.11044	26.595	0
"2013-09-05	02:00:00"	1.9959	13.639	71.493	41.445	0.10769	26.595	0
"2013-09-05	03:00:00"	1.1719	65.791	70.078	46.381	0.12825	26.586	0
"2013-09-05	04:00:00"	0.94821	58.061	68.31	51.055	0.15517	26.583	0
"2013-09-05	05:00:00"	1.3254	358.39	66.127	56.617	0.11447	26.586	0
"2013-09-05	06:00:00"	1.18	354.35	65.385	60.821	0.1257	26.589	0
"2013-09-05	07:00:00"	0.98177	137.42	67.571	60.31	0.11362	26.595	0
"2013-09-05	08:00:00"	1.8467	122.67	67.796	58.85	14.247	26.601	0
"2013-09-05	09:00:00"	2.4289	217.77	71.309	53.715	143.47	26.618	0
"2013-09-05	10:00:00"	4.2527	193.07	77.565	44.47	353.31	26.624	0
"2013-09-05	11:00:00"	7.2203	176.33	82.025	37.405	570.26	26.636	0
"2013-09-05	12:00:00"	8.5047	157.24	84.936	29.282	755.68	26.636	0
"2013-09-05	13:00:00"	7.9119	133.98	87.001	24.087	887.53	26.624	0
"2013-09-05	14:00:00"	9.2429	115.31	88.739	19.394	964.97	26.607	0
"2013-09-05	15:00:00"	8.8682	108.55	90.145	16.859	952.82	26.589	0
"2013-09-05	16:00:00"	7.7062	125.84	90.969	15.034	881.73	26.568	0
"2013-09-05	17:00:00"	7.4919	109.84	91.45	16.722	734.05	26.55	0
"2013-09-05	18:00:00"	5.872	98.507	91.65	18.131	563.05	26.545	0
"2013-09-05	19:00:00"	6.8879	117.1	91.122	19.206	295.16	26.539	0
"2013-09-05	20:00:00"	6.4119	118.48	89.809	21.511	92.617	26.542	0
"2013-09-05	21:00:00"	4.5447	100.4	86.677	22.727	2.774	26.553	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-05	22:00:00"	9.0497	109.66	82.886	31.115	0.10557	26.574	0
"2013-09-05	23:00:00"	9.6673	141.43	81.87	39.251	0.10217	26.595	0
"2013-09-06	00:00:00"	8.5556	146.84	80.422	42.775	0.09327	26.598	0
"2013-09-06	01:00:00"	9.6702	169.26	79.582	45.387	0.11309	26.598	0
"2013-09-06	02:00:00"	6.1391	184.26	77.46	49.627	0.10535	26.595	0
"2013-09-06	03:00:00"	3.1435	176.48	75.266	53.975	0.09179	26.592	0
"2013-09-06	04:00:00"	3.4312	167.42	74.103	56.799	0.11277	26.589	0
"2013-09-06	05:00:00"	3.2653	178.11	73.052	58.284	0.13312	26.586	0
"2013-09-06	06:00:00"	2.4171	175.76	71.589	60.57	0.15559	26.586	0
"2013-09-06	07:00:00"	2.593	166.04	70.805	63.09	0.12168	26.592	0
"2013-09-06	08:00:00"	3.8624	165.74	70.248	65.602	9.1518	26.601	0
"2013-09-06	09:00:00"	5.8521	169.2	71.628	65.535	132.68	26.612	0
"2013-09-06	10:00:00"	7.2564	179.37	75.885	57.478	328.09	26.624	0
"2013-09-06	11:00:00"	8.5414	182.47	79.979	47.673	547.66	26.636	0
"2013-09-06	12:00:00"	8.4774	179.21	82.626	41.988	728.66	26.627	0
"2013-09-06	13:00:00"	8.5333	154.07	84.662	37.237	787.1	26.612	0
"2013-09-06	14:00:00"	8.7427	153.67	85.745	35.261	660.48	26.589	0
"2013-09-06	15:00:00"	9.4144	140.6	87.402	32.275	797.78	26.565	0
"2013-09-06	16:00:00"	9.4281	158.19	89.032	28.891	787.47	26.53	0
"2013-09-06	17:00:00"	10.389	125.21	89.049	28.67	369.38	26.515	0
"2013-09-06	18:00:00"	9.6617	107.62	88.74	27.934	168.13	26.506	0
"2013-09-06	19:00:00"	9.4554	116.91	88.289	27.993	86.43	26.5	0
"2013-09-06	20:00:00"	8.9726	126.84	86.936	29.292	26.964	26.5	0
"2013-09-06	21:00:00"	6.7257	124.67	84.936	31.382	1.1867	26.506	0
"2013-09-06	22:00:00"	5.6483	133.77	82.668	34.713	0.08246	26.527	0
"2013-09-06	23:00:00"	6.1988	116.65	80.664	37.109	0.12252	26.533	0
"2013-09-07	00:00:00"	7.7765	146.24	79.106	41.373	0.11383	26.542	0
"2013-09-07	01:00:00"	6.3125	155.83	76.935	45.787	0.11087	26.542	0
"2013-09-07	02:00:00"	4.0718	173.12	75.365	48.59	0.09709	26.542	0
"2013-09-07	03:00:00"	2.4625	184.47	73.348	51.989	0.11489	26.539	0
"2013-09-07	04:00:00"	1.1005	182.53	71.668	55.385	0.1079	26.539	0
"2013-09-07	05:00:00"	1.8747	182.55	70.915	57.5	0.10641	26.536	0
"2013-09-07	06:00:00"	1.861	188.94	71.181	57.466	0.11256	26.539	0
"2013-09-07	07:00:00"	1.0601	160.37	69.977	60.125	0.12676	26.545	0
"2013-09-07	08:00:00"	1.3117	162.37	68.787	63.026	11.588	26.553	0
"2013-09-07	09:00:00"	2.8217	156.62	72.022	58.451	130.72	26.565	0
"2013-09-07	10:00:00"	6.3809	186.7	76.835	51.181	333.93	26.571	0
"2013-09-07	11:00:00"	8.8346	182.33	79.894	45.815	541.47	26.577	0
"2013-09-07	12:00:00"	7.5981	170.39	82.564	40.541	710.55	26.577	0
"2013-09-07	13:00:00"	7.7789	158.7	84.563	34.882	727.34	26.559	0
"2013-09-07	14:00:00"	10.423	147.33	86.818	30.293	908.47	26.542	0
"2013-09-07	15:00:00"	8.8359	117.62	87.613	28.171	648.56	26.515	0
"2013-09-07	16:00:00"	11.845	144.37	89.112	26.155	701.8	26.488	0
"2013-09-07	17:00:00"	9.991	136.04	89.775	24.941	729.56	26.471	0
"2013-09-07	18:00:00"	10.266	145.91	89.838	24.215	406.58	26.453	0
"2013-09-07	19:00:00"	9.5629	142.98	89.688	24.577	316.3	26.453	0
"2013-09-07	20:00:00"	8.9533	143.29	88.594	25.574	101.9	26.453	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-07	21:00:00"	7.8678	120.41	86.316	27.77	1.4446	26.465	0
"2013-09-07	22:00:00"	6.6089	107.41	83.137	31.861	0.11807	26.48	0
"2013-09-07	23:00:00"	5.4625	111.2	81.023	35.892	0.09899	26.491	0
"2013-09-08	00:00:00"	5.2872	103.51	79.003	38.297	0.14097	26.497	0
"2013-09-08	01:00:00"	7.0619	109.44	78.99	38.118	0.11744	26.497	0
"2013-09-08	02:00:00"	8.3537	115.86	77.409	38.629	0.10535	26.497	0
"2013-09-08	03:00:00"	7.2713	114.01	76.114	40.347	0.10366	26.494	0
"2013-09-08	04:00:00"	4.7945	111.22	73.951	43.846	0.1132	26.48	0
"2013-09-08	05:00:00"	4.4297	116.94	73.21	46.587	0.11595	26.474	0
"2013-09-08	06:00:00"	2.3432	126.58	71.381	51.008	0.0867	26.477	0
"2013-09-08	07:00:00"	3.5282	155.96	71.48	55.224	0.10811	26.48	0
"2013-09-08	08:00:00"	4.8933	151.85	70.535	60.225	10.859	26.488	0
"2013-09-08	09:00:00"	4.3291	128.68	71.828	60.13	127.43	26.494	0
"2013-09-08	10:00:00"	5.5602	157.33	76.088	56.702	329.68	2.6497	0
"2013-09-08	11:00:00"	5.3189	168.06	80.317	47.876	540.17	26.497	0
"2013-09-08	12:00:00"	8.2866	154.16	82.754	40.729	635.67	26.488	0
"2013-09-08	13:00:00"	8.7992	158.55	84.426	36.846	789.18	26.471	0
"2013-09-08	14:00:00"	10.346	126.88	86.21	31.936	817.91	26.453	0
"2013-09-08	15:00:00"	11.115	125.74	87.599	29.322	814.59	26.432	0
"2013-09-08	16:00:00"	12.268	115.95	88.326	27.131	713.81	26.409	0
"2013-09-08	17:00:00"	10.654	113.02	88.967	24.84	592.96	26.388	0
"2013-09-08	18:00:00"	10.589	120.34	89.512	24.031	543.8	26.373	0
"2013-09-08	19:00:00"	13.662	116.6	88.623	25.372	252.39	26.373	0
"2013-09-08	20:00:00"	12.536	118.06	86.822	26.729	86.808	26.376	0
"2013-09-08	21:00:00"	9.6337	136.39	84.007	31.879	0.94437	26.4	0
"2013-09-08	22:00:00"	9.7717	145.8	81	40.419	0.11553	26.418	0
"2013-09-08	23:00:00"	10.975	147.36	79.23	44.249	0.11468	26.432	0
"2013-09-09	00:00:00"	9.9637	165.47	77.109	49.178	0.10938	26.441	0
"2013-09-09	01:00:00"	8.1257	149.95	74.941	54.594	0.08649	26.444	0
"2013-09-09	02:00:00"	8.5227	151.83	73.445	58.009	0.11277	26.432	0
"2013-09-09	03:00:00"	6.7002	150.47	72.073	63.04	0.14521	26.432	0
"2013-09-09	04:00:00"	5.4811	146.51	70.029	66.925	0.11807	26.432	0
"2013-09-09	05:00:00"	8.7918	151.93	68.976	70.918	0.10535	26.432	0
"2013-09-09	06:00:00"	7.3011	144.67	67.644	73.78	0.09942	26.432	0
"2013-09-09	07:00:00"	3.1031	126.8	66.15	77.612	0.09094	26.432	0
"2013-09-09	08:00:00"	4.029	123.02	65.407	81.172	13.71	26.447	0
"2013-09-09	09:00:00"	4.8026	111.32	66.546	78.544	134.26	26.456	0
"2013-09-09	10:00:00"	10.805	167.34	68.743	75.807	324.02	26.462	0
"2013-09-09	11:00:00"	11.28	155.73	71.108	70.258	368.89	26.477	0
"2013-09-09	12:00:00"	12.16	155.75	72.685	66.244	379.4	26.483	0
"2013-09-09	13:00:00"	12.568	160.9	73.965	63.117	412.73	26.471	0
"2013-09-09	14:00:00"	13.451	154.66	77.019	55.646	647.95	26.447	0
"2013-09-09	15:00:00"	13.156	154.09	80.28	47.672	904.89	26.423	0
"2013-09-09	16:00:00"	12.507	146.19	82.472	42.963	723.5	26.406	0
"2013-09-09	17:00:00"	14.069	147.77	83.375	39.95	527.4	26.382	0
"2013-09-09	18:00:00"	15.675	150.42	83.33	38.954	267.08	26.373	0
"2013-09-09	19:00:00"	15.644	165.24	82.329	40.185	121.08	26.373	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-09	20:00:00"	15.88	181.78	80.603	44.396	66.414	26.388	0
"2013-09-09	21:00:00"	12.694	174.41	78.86	46.712	0.74532	26.406	0
"2013-09-09	22:00:00"	9.5529	164.62	77.558	45.576	0.12316	26.426	0
"2013-09-09	23:00:00"	8.3202	155.25	76.012	48.79	0.10175	26.444	0
"2013-09-10	00:00:00"	6.7829	144.06	74.32	51.924	0.10133	26.447	0
"2013-09-10	01:00:00"	8.3863	148.57	73.287	55.174	0.09576	26.45	0
"2013-09-10	02:00:00"	8.7495	142.59	72.108	59.56	0.11892	26.447	0
"2013-09-10	03:00:00"	8.4762	144.72	71.373	64.086	0.11108	26.45	0
"2013-09-10	04:00:00"	7.938	143.69	70.214	67.655	0.12337	26.447	0
"2013-09-10	05:00:00"	7.5503	145.24	68.751	72.427	0.10557	26.444	0
"2013-09-10	06:00:00"	7.9436	147.36	68.553	75.433	0.09306	26.45	0
"2013-09-10	07:00:00"	9.2156	142.23	69.655	75.341	0.11129	26.456	0
"2013-09-10	08:00:00"	9.3342	133.41	69.666	75.7	2.3918	26.474	0
"2013-09-10	09:00:00"	11.057	145.76	70.277	74.626	51.816	26.494	0
"2013-09-10	10:00:00"	11.512	146.26	71.103	72.247	132.29	26.512	0
"2013-09-10	11:00:00"	10.951	144.96	72.376	68.569	228.28	26.524	0
"2013-09-10	12:00:00"	10.627	148.87	74.288	63.669	277.15	26.53	0
"2013-09-10	13:00:00"	11.295	147.73	76.673	57.564	447.96	26.524	0
"2013-09-10	14:00:00"	11.442	149.8	79.224	51.328	609.43	26.506	0
"2013-09-10	15:00:00"	13.472	143.27	81.867	45.635	845.15	26.483	0
"2013-09-10	16:00:00"	14.916	140.2	83.224	42.361	834.35	26.453	0
"2013-09-10	17:00:00"	14.723	136.07	84.52	39.396	618.47	26.432	0
"2013-09-10	18:00:00"	13.128	139.37	84.701	37.234	272.65	26.435	0
"2013-09-10	19:00:00"	14.832	122.04	83.246	42.269	95.862	26.444	0
"2013-09-10	20:00:00"	15.314	132.03	81.819	45.886	49.179	26.447	0
"2013-09-10	21:00:00"	15.192	130.46	80.023	50.145	0.28448	26.48	0
"2013-09-10	22:00:00"	15.298	128.19	77.922	54.765	0.10345	26.497	0
"2013-09-10	23:00:00"	14.865	132.26	75.063	64.507	0.10472	26.512	0
"2013-09-11	00:00:00"	14.598	123.09	73.763	68.913	0.0867	26.524	0
"2013-09-11	01:00:00"	13.405	129.6	72.328	73.409	0.11193	26.524	0
"2013-09-11	02:00:00"	12.073	138.59	71.866	72.399	0.09094	26.527	0
"2013-09-11	03:00:00"	11.834	144.56	71.598	73.723	0.11023	26.521	0
"2013-09-11	04:00:00"	11.057	142.99	70.754	77.539	0.10896	26.518	0
"2013-09-11	05:00:00"	9.4249	140.98	70.275	78.952	0.09497	26.506	0
"2013-09-11	06:00:00"	10.682	146.45	70.315	78.679	0.12549	26.512	0
"2013-09-11	07:00:00"	8.9154	144.66	70.283	77.902	0.10366	26.524	0
"2013-09-11	08:00:00"	10.495	142.79	70.261	77.815	2.2199	26.539	0
"2013-09-11	09:00:00"	11.675	144.06	70.62	75.107	30.892	26.55	0
"2013-09-11	10:00:00"	11.415	142.27	70.949	73.954	59.016	26.565	0
"2013-09-11	11:00:00"	11.722	149.48	70.09	78.896	128.57	26.574	0
"2013-09-11	12:00:00"	10.874	144.86	70.588	79.587	200.96	26.577	0
"2013-09-11	13:00:00"	12.216	144.48	72.207	73.284	169.1	26.571	0
"2013-09-11	14:00:00"	13.601	149.21	74.581	64.448	255.16	26.556	0
"2013-09-11	15:00:00"	13.191	157.99	76.443	58.581	242.39	26.539	0
"2013-09-11	16:00:00"	12.866	149.03	77.479	56.649	332.42	26.518	0
"2013-09-11	17:00:00"	12.361	136.49	79.536	51.813	260.27	26.5	0
"2013-09-11	18:00:00"	13.189	141.14	80.297	49.226	206.86	26.5	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-11	19:00:00"	12.155	134.92	80.884	47.501	206.63	26.497	0
"2013-09-11	20:00:00"	13.026	128.36	79.943	48.943	18.039	26.506	0
"2013-09-11	21:00:00"	12.772	121.67	78.409	53.333	0.18188	26.515	0
"2013-09-11	22:00:00"	9.0018	116.87	76.978	56.342	0.09603	26.536	0
"2013-09-11	23:00:00"	7.3738	115.61	76.181	56.635	0.11468	26.542	0
"2013-09-12	00:00:00"	7.0936	123.74	75.409	58.132	0.13228	26.536	0
"2013-09-12	01:00:00"	7.275	130.29	75.316	58.198	0.10578	26.536	0
"2013-09-12	02:00:00"	9.6381	145.44	75.492	57.017	0.09878	26.533	0
"2013-09-12	03:00:00"	11.237	147.24	74.457	59.304	0.09878	26.536	0
"2013-09-12	04:00:00"	8.9011	148.13	72.444	64.61	0.09878	26.53	0
"2013-09-12	05:00:00"	7.6559	146.06	71.26	68.851	0.10302	26.53	0
"2013-09-12	06:00:00"	6.448	138.26	70.204	70.2	0.10853	26.533	0
"2013-09-12	07:00:00"	6.5026	134.37	69.478	68.835	0.12825	26.539	0
"2013-09-12	08:00:00"	6.2392	114.44	68.703	70.573	27.186	26.55	0
"2013-09-12	09:00:00"	7.8224	116.89	68.824	72.68	95.922	26.568	0
"2013-09-12	10:00:00"	9.1087	134.91	70.952	68.415	268.64	26.574	0
"2013-09-12	11:00:00"	12.091	142.17	75.556	56.168	642.72	26.583	0
"2013-09-12	12:00:00"	12.667	141.98	78.423	48.929	675.31	26.583	0
"2013-09-12	13:00:00"	13.016	142.66	79.947	44.078	680.59	26.565	0
"2013-09-12	14:00:00"	12.878	132.74	81.37	40.933	653.04	26.547	0
"2013-09-12	15:00:00"	13.478	146.42	82.79	36.229	725.84	26.524	0
"2013-09-12	16:00:00"	12.795	143.75	83.019	36.083	446.86	26.509	0
"2013-09-12	17:00:00"	10.94	139.43	82.635	36.188	324.79	26.491	0
"2013-09-12	18:00:00"	11.215	139.07	83.8	33.8	420.52	26.485	0
"2013-09-12	19:00:00"	10.598	132.32	83.717	32.743	204.73	26.491	0
"2013-09-12	20:00:00"	8.9322	143.46	82.48	32.79	39.069	26.494	0
"2013-09-12	21:00:00"	8.6768	116.52	80.685	35.076	0.4477	26.503	0
"2013-09-12	22:00:00"	8.3537	113.21	78.533	38.334	0.11087	26.515	0
"2013-09-12	23:00:00"	7.2974	109.56	76.111	40.874	0.12019	26.521	0
"2013-09-13	00:00:00"	5.6104	106.87	73.425	44.508	0.12804	26.518	0
"2013-09-13	01:00:00"	5.6557	116.83	72.66	46.296	0.12549	26.521	0
"2013-09-13	02:00:00"	5.9509	111.21	70.921	48.808	0.11722	26.515	0
"2013-09-13	03:00:00"	6.7307	120.54	70.039	50.389	0.13079	26.506	0
"2013-09-13	04:00:00"	6.3927	130.56	69.955	50.659	0.10451	26.497	0
"2013-09-13	05:00:00"	5.8359	133.16	68.869	52.798	0.11638	26.497	0
"2013-09-13	06:00:00"	4.6913	120.65	67.693	54.943	0.13058	26.5	0
"2013-09-13	07:00:00"	1.9157	65.584	63.092	62.211	0.10345	26.503	0
"2013-09-13	08:00:00"	1.6553	60.225	61.422	65.889	9.0793	26.509	0
"2013-09-13	09:00:00"	2.8546	90.535	66.288	60.614	123.42	26.518	0
"2013-09-13	10:00:00"	7.7659	158.07	72.681	60.272	327.09	26.518	0
"2013-09-13	11:00:00"	11.151	167.79	76.48	52.052	540.51	26.521	0
"2013-09-13	12:00:00"	11.815	156.4	79.278	44.388	682.78	26.515	0
"2013-09-13	13:00:00"	12.424	149.86	81.167	38.937	696.31	26.494	0
"2013-09-13	14:00:00"	12.452	141.66	83.438	34.013	930.57	26.471	0
"2013-09-13	15:00:00"	13.192	139.95	84.51	31.211	796.68	26.444	0
"2013-09-13	16:00:00"	13.781	133.84	85.753	28.387	837.44	26.42	0
"2013-09-13	17:00:00"	13.33	123.28	85.863	27.527	494.48	26.403	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-13	18:00:00"	12.819	127.23	85.4	26.676	297.83	26.391	0
"2013-09-13	19:00:00"	12.424	121.51	85.704	24.507	265.18	26.391	0
"2013-09-13	20:00:00"	9.8108	119.99	84.563	23.76	79.97	26.394	0
"2013-09-13	21:00:00"	7.1681	130.22	81.58	27.388	0.3875	26.409	0
"2013-09-13	22:00:00"	7.6298	132.17	78.909	33.949	0.12316	26.438	0
"2013-09-13	23:00:00"	7.5397	129.3	76.573	38.971	0.1238	26.438	0
"2013-09-14	00:00:00"	6.2783	140.38	74.885	43.229	0.10345	26.438	0
"2013-09-14	01:00:00"	5.816	137.69	73.45	46.909	0.10875	26.435	0
"2013-09-14	02:00:00"	7.2775	134.7	73.179	47.979	0.1185	26.432	0
"2013-09-14	03:00:00"	7.339	134.78	72.342	49.316	0.14839	26.432	0
"2013-09-14	04:00:00"	7.4092	140.84	71.074	51.022	0.08373	26.426	0
"2013-09-14	05:00:00"	6.1522	150.63	69.937	52.29	0.12931	26.42	0
"2013-09-14	06:00:00"	4.738	156.82	68.156	54.276	0.11553	26.423	0
"2013-09-14	07:00:00"	4.6684	159.55	67.444	56.535	0.11934	26.429	0
"2013-09-14	08:00:00"	2.6526	96.687	65.263	60.329	9.9584	26.45	0
"2013-09-14	09:00:00"	4.088	41.856	64.333	63.739	127.82	26.465	0
"2013-09-14	10:00:00"	5.4295	119.76	71.66	54.809	346.11	26.477	0
"2013-09-14	11:00:00"	9.3454	159.79	76.046	48.206	527.32	26.485	0
"2013-09-14	12:00:00"	15.687	158.86	79.478	37.389	678.01	26.477	0
"2013-09-14	13:00:00"	14.422	163.74	80.691	34.468	673.69	26.465	0
"2013-09-14	14:00:00"	14.97	164.42	82.147	30.512	769.95	26.444	0
"2013-09-14	15:00:00"	14.724	165.75	83.799	26.993	767.75	26.42	0
"2013-09-14	16:00:00"	14.934	172.73	84.705	26.014	657.4	26.397	0
"2013-09-14	17:00:00"	15.094	166.15	84.708	26.105	400.93	26.385	0
"2013-09-14	18:00:00"	14.462	170.9	84.862	25.463	286.7	26.382	0
"2013-09-14	19:00:00"	14.142	166	85.011	25.406	193.19	26.391	0
"2013-09-14	20:00:00"	13.056	142.77	83.552	28.012	30.743	26.4	0
"2013-09-14	21:00:00"	8.2269	148.63	82.271	28.628	0.34786	26.409	0
"2013-09-14	22:00:00"	5.6967	139.84	80.396	30.441	0.10429	26.426	0
"2013-09-14	23:00:00"	6.2883	134.91	78.624	33.029	0.08288	26.438	0
"2013-09-15	00:00:00"	6.5691	141.03	76.696	35.927	0.11489	26.441	0
"2013-09-15	01:00:00"	7.275	167.67	74.664	36.939	0.10705	26.444	0
"2013-09-15	02:00:00"	7.8666	165.69	73.097	37.391	0.11002	26.438	0
"2013-09-15	03:00:00"	5.5985	174.05	71.506	39.225	0.13991	26.432	0
"2013-09-15	04:00:00"	4.0277	157.02	69.969	41.609	0.11362	26.429	0
"2013-09-15	05:00:00"	4.1526	160.49	69.477	42.98	0.1185	26.426	0
"2013-09-15	06:00:00"	5.8943	151.5	69.34	44.507	0.10641	26.438	0
"2013-09-15	07:00:00"	6.297	134.7	69.131	47.603	0.11362	26.459	0
"2013-09-15	08:00:00"	5.6327	116.74	68.253	52.436	7.233	26.471	0
"2013-09-15	09:00:00"	7.7559	114.11	67.953	55.553	76.09	26.491	0
"2013-09-15	10:00:00"	10.919	141.31	71.235	57.652	304.05	26.497	0
"2013-09-15	11:00:00"	16.211	164.46	76.094	50.64	466.73	26.509	0
"2013-09-15	12:00:00"	16.031	174.83	79.723	42.469	792.57	26.512	0
"2013-09-15	13:00:00"	12.588	165.21	82.873	36.867	892.46	26.5	0
"2013-09-15	14:00:00"	12.768	166.97	84.611	31.499	778.47	26.485	0
"2013-09-15	15:00:00"	11.735	147.27	86.488	24.137	895.92	26.477	0
"2013-09-15	16:00:00"	11.314	161.28	87.069	22.483	614.65	26.459	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-15	17:00:00"	11.836	158.07	87.739	22.024	622.65	26.45	0
"2013-09-15	18:00:00"	12.028	148.97	86.837	23.045	281.79	26.447	0
"2013-09-15	19:00:00"	10.668	150.71	86.253	23.246	176.26	26.465	0
"2013-09-15	20:00:00"	8.2127	130.79	85.518	24.331	36.989	26.477	0
"2013-09-15	21:00:00"	10.985	131.71	84.133	27.084	0.22851	26.494	0
"2013-09-15	22:00:00"	12.918	150.62	82.368	29.396	0.10493	26.512	0
"2013-09-15	23:00:00"	12.21	158.96	80.539	30.666	0.13334	26.521	0
"2013-09-16	00:00:00"	6.7127	154.79	77.754	35.663	0.11638	26.53	0
"2013-09-16	01:00:00"	5.1251	157.7	75.376	40.016	0.12146	26.53	0
"2013-09-16	02:00:00"	4.5565	154.6	73.415	45.933	0.1327	26.53	0
"2013-09-16	03:00:00"	3.1075	155.46	72.232	49.284	0.11277	26.533	0
"2013-09-16	04:00:00"	4.4347	151.92	71.261	53.403	0.12634	26.53	0
"2013-09-16	05:00:00"	5.3873	149.71	70.198	60.007	0.13503	26.539	0
"2013-09-16	06:00:00"	3.8923	164.69	69.108	66.074	0.12486	26.553	0
"2013-09-16	07:00:00"	2.5514	175.72	67.921	71.011	0.11765	26.571	0
"2013-09-16	08:00:00"	0.95505	141.36	66.621	75.253	7.0155	26.583	0
"2013-09-16	09:00:00"	1.9729	60.68	68.183	72.995	108.71	26.598	0
"2013-09-16	10:00:00"	7.7162	152.95	73.03	64.077	317.4	26.598	0
"2013-09-16	11:00:00"	10.928	161.6	76.161	55.331	527.35	26.604	0
"2013-09-16	12:00:00"	12.354	154.46	78.743	51.179	676.91	26.607	0
"2013-09-16	13:00:00"	13.334	165.4	78.981	50.504	582.01	26.601	0
"2013-09-16	14:00:00"	10.875	154.69	79.974	48.706	682.19	26.577	0
"2013-09-16	15:00:00"	10.107	141.34	80.951	45.165	390.17	26.55	0
"2013-09-16	16:00:00"	9.2938	152.29	81.544	42.935	368.67	26.536	0
"2013-09-16	17:00:00"	7.7789	92.266	81.535	43.256	339.21	26.518	0
"2013-09-16	18:00:00"	12.173	22.216	79.559	49.923	327.18	26.509	0
"2013-09-16	19:00:00"	16.105	62.683	76.6	54.814	142.27	26.515	0
"2013-09-16	20:00:00"	14.435	84.823	73.469	66.247	45.158	26.539	0
"2013-09-16	21:00:00"	13.668	105.52	71.96	71.019	0.23148	26.545	0
"2013-09-16	22:00:00"	13.5	90.734	69.542	77.412	0.0831	26.562	0.01
"2013-09-16	23:00:00"	11.395	81.37	67.195	83.434	0.08606	26.571	0
"2013-09-17	00:00:00"	8.3245	79.963	67.123	84.708	0.06677	26.586	0
"2013-09-17	01:00:00"	5.9428	68.808	67.354	84.822	0.08458	26.583	0
"2013-09-17	02:00:00"	6.1944	80.835	67.737	85.609	0.08479	26.583	0
"2013-09-17	03:00:00"	5.1033	95.578	68.094	86.388	0.085	26.583	0
"2013-09-17	04:00:00"	4.5627	82.276	67.794	87.142	0.1009	26.571	0
"2013-09-17	05:00:00"	4.9977	116.14	67.367	86.689	0.08246	26.565	0
"2013-09-17	06:00:00"	5.8452	129.86	67.677	84.872	0.08119	26.565	0
"2013-09-17	07:00:00"	5.6787	141.32	67.467	84.269	0.08437	26.562	0
"2013-09-17	08:00:00"	3.5114	127.36	66.594	85.601	5.2808	26.571	0
"2013-09-17	09:00:00"	4.2514	92.778	66.618	86.319	103.84	26.583	0
"2013-09-17	10:00:00"	7.0892	135.13	69.563	77.126	188.34	26.583	0
"2013-09-17	11:00:00"	11.416	160.66	71.61	70.846	276.79	26.586	0
"2013-09-17	12:00:00"	12.019	167.94	73.41	66.139	383.1	26.577	0
"2013-09-17	13:00:00"	12.353	165.77	74.842	61.823	380.4	26.562	0
"2013-09-17	14:00:00"	12.617	162.19	76.445	57.439	509.2	26.536	0
"2013-09-17	15:00:00"	13.028	164.78	78.229	51.969	511.44	26.509	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-17	16:00:00"	13.934	166.09	79.903	46.177	457.19	26.483	0
"2013-09-17	17:00:00"	14.339	167.76	80.002	45.294	281.5	26.468	0
"2013-09-17	18:00:00"	15.084	163.86	80.169	45.617	280.92	26.459	0
"2013-09-17	19:00:00"	15.304	170.26	79.178	47.831	122.69	26.471	0
"2013-09-17	20:00:00"	13.516	167.04	77.865	52.023	28.998	26.468	0
"2013-09-17	21:00:00"	12.198	154.05	76.425	54.812	0.20668	26.477	0
"2013-09-17	22:00:00"	10.148	150.27	75.417	57.766	0.11489	26.5	0
"2013-09-17	23:00:00"	9.0658	150.32	74.247	58.945	0.10302	26.509	0
"2013-09-18	00:00:00"	8.4966	149.78	73.326	59.794	0.11065	26.509	0
"2013-09-18	01:00:00"	12.152	164.2	73.485	62.56	0.10217	26.509	0
"2013-09-18	02:00:00"	14.893	170.29	72.032	66.769	0.11404	26.506	0
"2013-09-18	03:00:00"	11.892	179.19	69.985	74.155	0.0903	26.491	0
"2013-09-18	04:00:00"	11.899	183.85	69.668	75.434	0.1257	26.471	0
"2013-09-18	05:00:00"	10.104	187.87	69.226	76.475	0.10896	26.462	0
"2013-09-18	06:00:00"	9.666	183.55	68.668	78.894	0.10472	26.456	0
"2013-09-18	07:00:00"	9.223	175.22	67.439	82.972	0.08776	26.459	0
"2013-09-18	08:00:00"	8.9247	169.73	67.045	84.208	3.7219	26.468	0
"2013-09-18	09:00:00"	9.3833	173.45	67.593	83.37	52.721	26.483	0
"2013-09-18	10:00:00"	13.055	178.89	70.137	76.316	162.61	26.488	0
"2013-09-18	11:00:00"	13.984	177.33	73.938	65.989	505.28	26.5	0
"2013-09-18	12:00:00"	14.095	189.14	76.862	56.472	694.8	26.485	0
"2013-09-18	13:00:00"	13.394	185.32	78.962	50.6	699.07	26.465	0
"2013-09-18	14:00:00"	12.946	183.76	80.936	46.772	741.7	26.447	0
"2013-09-18	15:00:00"	13.841	182.85	82.788	42.502	706	26.42	0
"2013-09-18	16:00:00"	14.338	168.85	83.648	39.997	625.08	26.397	0
"2013-09-18	17:00:00"	14.086	162.35	83.997	39.079	487.47	26.382	0
"2013-09-18	18:00:00"	16.306	163.2	83.979	39.246	466.42	26.37	0
"2013-09-18	19:00:00"	15.369	165.64	82.751	40.635	238.03	26.373	0
"2013-09-18	20:00:00"	14.705	154.25	80.374	45.413	56.428	26.385	0
"2013-09-18	21:00:00"	14.032	154.74	78.032	49.743	0.25098	26.403	0
"2013-09-18	22:00:00"	13.853	162.16	76.789	54.354	0.08394	26.42	0
"2013-09-18	23:00:00"	15.118	165.7	75.64	57.525	0.1151	26.426	0
"2013-09-19	00:00:00"	13.955	166.75	74.27	61.873	0.12358	26.426	0
"2013-09-19	01:00:00"	13.659	175.8	73.313	66.454	0.11744	26.423	0
"2013-09-19	02:00:00"	13.295	172.26	72.263	69.934	0.13312	26.42	0
"2013-09-19	03:00:00"	12.847	173.88	71.22	75.54	0.12168	26.418	0
"2013-09-19	04:00:00"	11.844	171.14	70.613	78.013	0.1168	26.412	0
"2013-09-19	05:00:00"	11.585	176.19	70.096	79.265	0.08076	26.406	0
"2013-09-19	06:00:00"	11.427	174.72	69.663	80.614	0.08903	26.406	0
"2013-09-19	07:00:00"	10.226	172.96	69.326	81.207	0.09878	26.415	0
"2013-09-19	08:00:00"	11.718	166.48	69.203	81.9	3.5201	26.412	0
"2013-09-19	09:00:00"	11.9	167.49	69.185	82.783	45.147	26.432	0
"2013-09-19	10:00:00"	10.542	177.23	69.288	85.623	141.93	26.45	0
"2013-09-19	11:00:00"	10.474	184.36	69.795	85.111	138.54	26.459	0.06
"2013-09-19	12:00:00"	11.351	158.45	68.684	89.792	113.48	26.456	0.2
"2013-09-19	13:00:00"	9.617	150.06	69.488	87.124	268.16	26.441	0.05
"2013-09-19	14:00:00"	9.53	155.88	72.95	76.954	443.64	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-19	15:00:00"	10.1	155.22	74.182	71.308	311.27	26.406	0
"2013-09-19	16:00:00"	10.242	90.535	70.241	79.312	203.97	26.406	0.01
"2013-09-19	17:00:00"	10.261	100.72	68.827	88.691	112.5	26.403	0.19
"2013-09-19	18:00:00"	8.0834	105.01	68.358	90.906	56.306	26.4	0.2
"2013-09-19	19:00:00"	7.2825	113.19	68.953	88.637	45.215	26.409	0.03
"2013-09-19	20:00:00"	7.6453	138.57	68.614	84.557	15.689	26.394	0
"2013-09-19	21:00:00"	6.6375	132.66	67.688	84.447	0.07949	26.412	0
"2013-09-19	22:00:00"	6.1988	138.84	67.429	85.274	0.1151	26.412	0
"2013-09-19	23:00:00"	7.6615	141.83	66.908	84.874	0.09094	26.426	0
"2013-09-20	00:00:00"	5.0611	135	66.377	88.175	0.08861	26.432	0
"2013-09-20	01:00:00"	2.3646	66.247	66.263	90.262	0.089	26.429	0
"2013-09-20	02:00:00"	3.9699	59.199	66.388	91.027	0.0672	26.426	0.01
"2013-09-20	03:00:00"	3.8015	82.242	66.318	91.267	0.07207	26.42	0.01
"2013-09-20	04:00:00"	4.7274	104.88	66.163	91.379	0.10387	26.42	0.01
"2013-09-20	05:00:00"	3.6319	77.816	66.346	90.799	0.05957	26.418	0
"2013-09-20	06:00:00"	4.6249	39.149	66.298	90.943	0.08522	26.418	0.01
"2013-09-20	07:00:00"	7.8734	32.503	65.855	91.769	0.08691	26.42	0.48
"2013-09-20	08:00:00"	7.5285	38.553	65.672	91.813	0.56302	26.435	0.04
"2013-09-20	09:00:00"	8.2704	54.213	66.057	90.56	55.461	26.447	0
"2013-09-20	10:00:00"	10.644	53.373	67.139	87.625	135.4	26.465	0
"2013-09-20	11:00:00"	11.582	53.647	68.057	84.934	174.02	26.485	0
"2013-09-20	12:00:00"	13.466	54.835	68.013	83.301	200.1	26.5	0
"2013-09-20	13:00:00"	16.09	58.329	68.927	74.626	645.84	26.494	0
"2013-09-20	14:00:00"	16.118	63.363	70.882	66.18	668.33	26.485	0
"2013-09-20	15:00:00"	13.099	53.803	72.027	63.783	652.26	26.477	0
"2013-09-20	16:00:00"	12.851	49.054	73.103	58.777	645.39	26.477	0
"2013-09-20	17:00:00"	12.627	50.511	73.202	57.714	491.23	26.48	0
"2013-09-20	18:00:00"	11.622	57.381	71.378	61.351	116.38	26.483	0
"2013-09-20	19:00:00"	10.77	74.199	70.424	63.111	88.411	26.488	0
"2013-09-20	20:00:00"	8.8086	71.876	69.328	64.105	25.037	26.488	0
"2013-09-20	21:00:00"	4.3173	83.635	66.548	72.741	0.13397	26.509	0
"2013-09-20	22:00:00"	3.2479	63.068	64.204	79.369	0.11129	26.53	0
"2013-09-20	23:00:00"	5.1866	65.814	63.736	79.879	0.1185	26.533	0
"2013-09-21	00:00:00"	5.45	65.27	62.239	83.799	0.13779	26.533	0
"2013-09-21	01:00:00"	5.8073	62.253	61.128	85.135	0.12401	26.536	0
"2013-09-21	02:00:00"	4.2651	51.272	59.847	86.976	0.12592	26.533	0
"2013-09-21	03:00:00"	3.3287	44.928	58.729	88.955	0.10302	26.533	0
"2013-09-21	04:00:00"	1.8188	8.8286	57.716	89.706	0.08055	26.524	0
"2013-09-21	05:00:00"	3.0025	1.4926	56.747	90.731	0.08288	26.515	0
"2013-09-21	06:00:00"	3.727	1.527	56.385	90.69	0.08479	26.524	0
"2013-09-21	07:00:00"	2.8645	354.22	55.504	91.13	0.09645	26.53	0
"2013-09-21	08:00:00"	3.3486	351.51	54.787	91.392	5.4536	26.539	0
"2013-09-21	09:00:00"	4.9293	16.04	55.84	91.174	70.708	26.553	0.01
"2013-09-21	10:00:00"	4.3397	41.23	58.731	87.572	212.97	26.559	0
"2013-09-21	11:00:00"	3.4691	111.68	62.433	76.424	530.39	26.562	0
"2013-09-21	12:00:00"	3.1796	133.97	64.867	68.008	639.87	26.562	0
"2013-09-21	13:00:00"	3.1597	143.14	67.238	63.263	853.73	26.542	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-21	14:00:00"	2.7539	144.46	70.051	57.103	882.69	26.518	0
"2013-09-21	15:00:00"	5.4886	113.05	72.366	53.222	867.45	26.488	0
"2013-09-21	16:00:00"	5.7253	159.63	74.069	49.12	796.35	26.468	0
"2013-09-21	17:00:00"	6.0093	159.69	75.726	46.293	667.36	26.447	0
"2013-09-21	18:00:00"	5.337	182.94	76.493	43.422	442.04	26.432	0
"2013-09-21	19:00:00"	5.9596	209.21	76.857	44.16	284.46	26.426	0
"2013-09-21	20:00:00"	7.0768	192.14	74.783	48.611	62.321	26.423	0
"2013-09-21	21:00:00"	5.4861	195.12	71.538	57.614	0.16916	26.426	0
"2013-09-21	22:00:00"	5.7017	193.94	69.484	62.046	0.11002	26.435	0
"2013-09-21	23:00:00"	5.7172	193.95	68.045	64.522	0.13058	26.435	0
"2013-09-22	00:00:00"	4.3875	184	65.454	72.23	0.12973	26.435	0
"2013-09-22	01:00:00"	3.4629	175.53	63.054	79.318	0.14669	26.429	0
"2013-09-22	02:00:00"	3.0497	182.84	61.774	81.42	0.13439	26.42	0
"2013-09-22	03:00:00"	2.8061	181.54	60.78	83.309	0.11892	26.415	0
"2013-09-22	04:00:00"	2.5986	171.74	60.016	84.514	0.09751	26.394	0
"2013-09-22	05:00:00"	3.1174	162.43	59.802	83.504	0.11786	26.385	0
"2013-09-22	06:00:00"	2.7856	171.05	59.193	84.891	0.11659	26.379	0
"2013-09-22	07:00:00"	1.5224	187.75	58.356	86.26	0.10005	26.382	0
"2013-09-22	08:00:00"	2.4687	182.97	58.014	87.516	8.9371	26.391	0
"2013-09-22	09:00:00"	4.7734	174.78	59.525	85.382	120.08	26.397	0
"2013-09-22	10:00:00"	9.8624	172.09	64.134	74.929	324.78	26.406	0
"2013-09-22	11:00:00"	10.076	180.45	69.103	57.653	540.79	26.409	0
"2013-09-22	12:00:00"	11.599	192.4	73.47	38.675	720.41	26.403	0
"2013-09-22	13:00:00"	11.825	186.26	75.662	29.486	847.71	26.382	0
"2013-09-22	14:00:00"	9.9997	169.24	77.157	27.226	909.77	26.361	0
"2013-09-22	15:00:00"	11.569	157.89	78.531	25.653	898.83	26.332	0
"2013-09-22	16:00:00"	13.07	167.11	79.682	23.3	818.79	26.305	0
"2013-09-22	17:00:00"	13.65	159.69	80.487	20.244	679.84	26.285	0
"2013-09-22	18:00:00"	14.205	164.67	80.426	18.47	487.68	26.273	0
"2013-09-22	19:00:00"	13.76	172.51	79.399	21.604	262.61	26.279	0
"2013-09-22	20:00:00"	12.265	169.3	76.795	25.508	55.274	26.27	0
"2013-09-22	21:00:00"	7.6882	153.93	72.949	32.368	0.13948	26.285	0
"2013-09-22	22:00:00"	9.0534	145.19	69.863	37.33	0.11235	26.288	0
"2013-09-22	23:00:00"	8.2257	146	67.492	41.153	0.14711	26.291	0
"2013-09-23	00:00:00"	9.5629	146.67	66.004	43.755	0.14181	26.285	0
"2013-09-23	01:00:00"	7.7999	155.81	64.939	45.407	0.14945	26.27	0
"2013-09-23	02:00:00"	6.5871	163.54	63.27	47.129	0.12655	26.261	0
"2013-09-23	03:00:00"	10.876	177.75	64.08	42.995	0.12655	26.261	0
"2013-09-23	04:00:00"	9.9065	179.04	63.932	43.647	0.15581	26.264	0
"2013-09-23	05:00:00"	11.116	186.15	63.593	45.797	0.17806	26.249	0
"2013-09-23	06:00:00"	10.194	187.47	62.889	48.319	0.12083	26.258	0
"2013-09-23	07:00:00"	8.588	189.81	61.886	51.059	0.13821	26.264	0
"2013-09-23	08:00:00"	8.432	192.95	60.762	53.626	6.4213	26.264	0
"2013-09-23	09:00:00"	6.8854	217.31	61.322	54.264	110.11	26.296	0
"2013-09-23	10:00:00"	6.264	251.69	65.63	49.233	311.27	26.311	0
"2013-09-23	11:00:00"	6.5642	286.57	70.626	44.086	528.65	26.326	0
"2013-09-23	12:00:00"	7.5851	311.64	76.597	33.434	711.66	26.332	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-23	13:00:00"	9.5297	306.03	80.061	24.952	839.45	26.326	0
"2013-09-23	14:00:00"	9.3299	303.8	81.981	21.667	899.6	26.314	0
"2013-09-23	15:00:00"	8.5874	289.63	83.822	18.136	891.09	26.302	0
"2013-09-23	16:00:00"	9.3504	275.18	85.344	17.137	812.05	26.302	0
"2013-09-23	17:00:00"	9.0074	286.11	85.81	17.009	666.33	26.296	0
"2013-09-23	18:00:00"	9.8506	293.88	85.861	16.457	473.96	26.302	0
"2013-09-23	19:00:00"	10.264	301.25	84.632	18.287	253.15	26.314	0
"2013-09-23	20:00:00"	6.2553	319.22	80.881	21.627	49.52	26.323	0
"2013-09-23	21:00:00"	4.2502	322.83	72.526	31.143	0.14478	26.347	0
"2013-09-23	22:00:00"	2.7421	318.88	67.979	36.245	0.15263	26.37	0
"2013-09-23	23:00:00"	5.5016	335.71	68.312	30.827	0.14436	26.397	0
"2013-09-24	00:00:00"	6.1236	337.01	68.555	27.438	0.13037	26.406	0
"2013-09-24	01:00:00"	4.9511	327.23	66.149	31.346	0.12464	26.412	0
"2013-09-24	02:00:00"	5.5961	326.05	63.975	33.949	0.15305	26.415	0
"2013-09-24	03:00:00"	6.146	324.37	60.879	39.001	0.15792	26.423	0
"2013-09-24	04:00:00"	7.0277	326.1	60.337	39.696	0.14054	26.423	0
"2013-09-24	05:00:00"	8.0747	336.16	61.838	38.104	0.15029	26.429	0
"2013-09-24	06:00:00"	7.3309	333.52	59.933	42.217	0.14648	26.441	0
"2013-09-24	07:00:00"	8.3655	353.99	58.689	46.795	0.12698	26.465	0
"2013-09-24	08:00:00"	9.3728	12.819	57.442	51.344	6.2449	26.48	0
"2013-09-24	09:00:00"	10.034	26.643	59.577	55.074	113.6	26.506	0
"2013-09-24	10:00:00"	11.33	41.42	65.431	50.079	318.08	26.527	0
"2013-09-24	11:00:00"	11.331	54.122	70.086	44.562	532.55	26.542	0
"2013-09-24	12:00:00"	9.9295	66.478	74.364	38.767	711.68	26.542	0
"2013-09-24	13:00:00"	7.165	73.009	77.578	31.969	835.32	26.536	0
"2013-09-24	14:00:00"	4.9175	63.728	79.941	25.714	892.87	26.518	0
"2013-09-24	15:00:00"	5.6594	91.306	81.7	21.813	881.82	26.488	0
"2013-09-24	16:00:00"	4.8194	95.672	82.766	20.922	794.83	26.468	0
"2013-09-24	17:00:00"	5.6756	79.475	83.492	20.442	650.88	26.453	0
"2013-09-24	18:00:00"	4.1234	83.239	83.93	20.07	458.68	26.447	0
"2013-09-24	19:00:00"	5.3612	115.81	83.383	20.378	239.93	26.447	0
"2013-09-24	20:00:00"	5.5979	126.46	81.006	23.368	44.74	26.444	0
"2013-09-24	21:00:00"	4.8871	110.77	76.857	28.302	0.12867	26.453	0
"2013-09-24	22:00:00"	6.356	107.94	73.917	31.86	0.13545	26.456	0
"2013-09-24	23:00:00"	5.5979	102.62	70.521	36.487	0.12295	26.45	0
"2013-09-25	00:00:00"	5.5321	101.46	69.653	36.808	0.14266	26.45	0
"2013-09-25	01:00:00"	4.938	100.08	67.395	41.19	0.12804	26.444	0
"2013-09-25	02:00:00"	5.1779	104.17	65.454	45.339	0.1416	26.432	0
"2013-09-25	03:00:00"	10.202	117.8	67.797	45.058	0.16577	26.426	0
"2013-09-25	04:00:00"	6.8835	120.07	65.973	50.103	0.1221	26.415	0
"2013-09-25	05:00:00"	4.4944	111.95	63.88	53.701	0.11807	26.406	0
"2013-09-25	06:00:00"	5.4507	127.2	63.88	52.158	0.13037	26.406	0
"2013-09-25	07:00:00"	4.3875	127.17	62.929	53.438	0.13418	26.406	0
"2013-09-25	08:00:00"	3.2044	120.07	60.435	59.769	5.7283	26.409	0
"2013-09-25	09:00:00"	3.2162	137.31	63.482	53.342	111.36	26.415	0
"2013-09-25	10:00:00"	6.5617	174.58	69.864	39.198	316.96	26.418	0
"2013-09-25	11:00:00"	9.6977	188.52	75.909	29.349	533.47	26.418	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-25	12:00:00"	11.209	189.59	80.295	22.97	714.15	26.4	0
"2013-09-25	13:00:00"	11.617	190.24	82.764	18.936	841.47	26.379	0
"2013-09-25	14:00:00"	10.054	192.8	85.036	16.791	900.73	26.353	0
"2013-09-25	15:00:00"	8.3226	215.62	87.102	16.034	886.28	26.323	0
"2013-09-25	16:00:00"	7.6814	219.69	88.199	15.642	801.02	26.299	0
"2013-09-25	17:00:00"	10.077	203.45	89.006	15.603	653.66	26.285	0
"2013-09-25	18:00:00"	10.284	196.92	89.156	15.511	455.51	26.27	0
"2013-09-25	19:00:00"	10.624	187.34	88.359	16.103	235.86	26.264	0
"2013-09-25	20:00:00"	7.0296	179.21	84.779	19.061	41.119	26.264	0
"2013-09-25	21:00:00"	5.9353	161.59	79.927	22.765	0.11044	26.27	0
"2013-09-25	22:00:00"	8.7166	153.33	78.653	23.487	0.11913	26.273	0
"2013-09-25	23:00:00"	14.896	157.57	77.19	33.18	0.11913	26.282	0
"2013-09-26	00:00:00"	14.967	169.18	76.408	37.105	0.11744	26.285	0
"2013-09-26	01:00:00"	13.829	170.63	74.175	43.599	0.14372	26.279	0
"2013-09-26	02:00:00"	10.794	178.63	72.177	49.55	0.1291	26.276	0
"2013-09-26	03:00:00"	8.6221	183.28	70.69	52.425	0.12994	26.276	0
"2013-09-26	04:00:00"	6.7549	179.31	69.121	55.533	0.09433	26.273	0
"2013-09-26	05:00:00"	5.972	178.86	67.463	59.153	0.13969	26.267	0
"2013-09-26	06:00:00"	7.4546	178.82	66.834	60.343	0.11786	26.273	0
"2013-09-26	07:00:00"	6.9022	180.74	65.826	61.919	0.1238	26.282	0
"2013-09-26	08:00:00"	5.8558	191.14	65.077	63.199	5.5225	26.299	0
"2013-09-26	09:00:00"	5.5824	184.58	65.85	62.601	98.635	26.317	0
"2013-09-26	10:00:00"	9.3094	190	71.902	51.297	298.5	26.335	0
"2013-09-26	11:00:00"	9.2286	187.43	77.149	40.77	509.14	26.344	0
"2013-09-26	12:00:00"	8.5283	201.31	81.997	31.908	686.55	26.344	0
"2013-09-26	13:00:00"	7.81	205.59	85.917	27.084	810.92	26.326	0
"2013-09-26	14:00:00"	7.925	196.17	88.598	24.326	870.15	26.311	0
"2013-09-26	15:00:00"	10.024	188.56	90.828	21.284	860.03	26.288	0
"2013-09-26	16:00:00"	13.126	178.82	91.757	17.407	777.72	26.273	0
"2013-09-26	17:00:00"	13.696	184.57	92.052	15.77	639.49	26.267	0
"2013-09-26	18:00:00"	14.021	187.97	91.958	14.141	449.85	26.258	0
"2013-09-26	19:00:00"	13.161	177.67	90.721	16.236	229.59	26.255	0
"2013-09-26	20:00:00"	12.021	148.47	87.447	19.31	24.688	26.261	0
"2013-09-26	21:00:00"	11.477	145.16	83.046	27.311	0.13291	26.276	0
"2013-09-26	22:00:00"	11.297	144.57	79.953	35.252	0.10451	26.299	0
"2013-09-26	23:00:00"	14.237	153.01	77.686	44.814	0.10366	26.305	0
"2013-09-27	00:00:00"	13.381	152.97	75.577	49.118	0.09687	26.314	0
"2013-09-27	01:00:00"	12.318	155.54	73.878	52.346	0.10938	26.314	0
"2013-09-27	02:00:00"	12.27	159.18	72.956	54.175	0.10896	26.305	0
"2013-09-27	03:00:00"	12.596	165.31	72.379	56.806	0.12274	26.302	0
"2013-09-27	04:00:00"	11.748	169.18	71.421	60.413	0.092	26.291	0
"2013-09-27	05:00:00"	10.405	167.27	70.315	62.746	0.10769	26.288	0
"2013-09-27	06:00:00"	9.7636	161.98	69.406	64.321	0.13312	26.294	0
"2013-09-27	07:00:00"	8.5022	182.36	68.46	66.774	0.11214	26.302	0
"2013-09-27	08:00:00"	7.2644	186.17	67.293	70.944	5.8494	26.32	0
"2013-09-27	09:00:00"	8.0958	178.64	67.939	71.577	100.66	26.32	0
"2013-09-27	10:00:00"	12.29	184.16	71.201	65.919	290.03	26.335	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-27	11:00:00"	10.728	189.22	74.452	58.772	496.58	26.341	0
"2013-09-27	12:00:00"	8.0878	180.42	78.274	49.433	672.9	26.335	0
"2013-09-27	13:00:00"	7.1868	179.13	81.633	42.235	788.23	26.317	0
"2013-09-27	14:00:00"	9.9115	189.55	84.616	36.606	852.37	26.294	0
"2013-09-27	15:00:00"	11.114	195.82	87.074	32.892	823.1	26.264	0
"2013-09-27	16:00:00"	11.977	196.92	87.637	31.346	567.75	26.255	0
"2013-09-27	17:00:00"	12.156	190.43	88.08	31.4	511.83	26.24	0
"2013-09-27	18:00:00"	12.593	180.48	87.518	32.915	237.03	26.234	0
"2013-09-27	19:00:00"	18.201	175.23	84.524	42.081	101	26.237	0
"2013-09-27	20:00:00"	17.398	157.85	79.064	53.837	15.597	26.252	0
"2013-09-27	21:00:00"	12.066	158.66	75.897	61.86	0.11023	26.273	0
"2013-09-27	22:00:00"	14.701	165.51	75.822	65.658	0.09412	26.299	0
"2013-09-27	23:00:00"	13.374	167.82	73.985	68.915	0.14033	26.294	0
"2013-09-28	00:00:00"	10.679	233.9	71.522	70.676	0.11235	26.35	0.23
"2013-09-28	01:00:00"	6.4165	164.46	67.917	85.941	0.06299	26.341	0.68
"2013-09-28	02:00:00"	7.7249	155.57	69.882	82.997	0.07334	26.344	0.05
"2013-09-28	03:00:00"	9.2765	46.964	68.19	82.549	0.09878	26.382	0
"2013-09-28	04:00:00"	14.875	6.2239	58.084	81.702	0.10853	26.394	0.28
"2013-09-28	05:00:00"	9.9985	12.56	57.144	75.312	0.07462	26.406	0
"2013-09-28	06:00:00"	9.5921	352.87	59.964	66.036	0.11447	26.423	0
"2013-09-28	07:00:00"	12.37	347.57	61.073	46.204	0.11277	26.444	0
"2013-09-28	08:00:00"	12.706	353.62	60.685	46.135	0.64739	26.477	0
"2013-09-28	09:00:00"	12.102	357.32	60.195	46.489	77.656	26.491	0
"2013-09-28	10:00:00"	16.407	14.572	61.254	48.58	293.74	26.518	0
"2013-09-28	11:00:00"	16.458	28.605	62.76	58.436	501.46	26.556	0
"2013-09-28	12:00:00"	14.503	40.193	64.014	58.851	678.52	26.58	0
"2013-09-28	13:00:00"	14.063	48.714	65.017	53.706	808.6	26.589	0
"2013-09-28	14:00:00"	11.326	52.798	66.49	48.757	868.85	26.583	0
"2013-09-28	15:00:00"	11.06	62.334	68.365	43.398	859.34	26.562	0
"2013-09-28	16:00:00"	8.7719	54.856	69.745	40.885	776.77	26.539	0
"2013-09-28	17:00:00"	7.8224	36.01	71.105	38.081	632.82	26.533	0
"2013-09-28	18:00:00"	7.7653	42.803	71.565	35.788	440.21	26.53	0
"2013-09-28	19:00:00"	7.2806	46.821	71.521	35.155	222.86	26.536	0
"2013-09-28	20:00:00"	4.1389	39.835	68.903	39.501	33.562	26.55	0
"2013-09-28	21:00:00"	2.6638	51.202	63.981	55.279	0.09963	26.571	0
"2013-09-28	22:00:00"	2.734	53.4	61.398	63.584	0.13609	26.601	0
"2013-09-28	23:00:00"	4.6864	90.018	61.779	59.79	0.13206	26.612	0
"2013-09-29	00:00:00"	4.3359	64.327	59.775	64.839	0.11638	26.618	0
"2013-09-29	01:00:00"	4.8666	60.352	58.223	66.65	0.14839	26.618	0
"2013-09-29	02:00:00"	4.49	57.363	56.313	69.8	0.11087	26.604	0
"2013-09-29	03:00:00"	3.3542	52.092	54.355	73.824	0.131	26.598	0
"2013-09-29	04:00:00"	4.5534	74.377	55.566	67.854	0.13694	26.589	0
"2013-09-29	05:00:00"	3.3778	81.91	54.962	68.876	0.14754	26.583	0
"2013-09-29	06:00:00"	1.3428	5.1906	52.845	74.556	0.11065	26.583	0
"2013-09-29	07:00:00"	1.1179	10.557	51.79	78.197	0.14181	26.589	0
"2013-09-29	08:00:00"	1.3217	179.6	53.151	76.198	4.8179	26.601	0
"2013-09-29	09:00:00"	2.5688	234.2	55.271	71.123	105.41	26.607	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-09-29	10:00:00"	4.9461	218.5	59.121	62.532	307.24	26.618	0
"2013-09-29	11:00:00"	6.7257	208.17	62.482	54.436	522.65	26.618	0
"2013-09-29	12:00:00"	6.6853	207.23	65.658	46.848	702.61	26.607	0
"2013-09-29	13:00:00"	7.0178	209.09	68.846	39.918	829.04	26.577	0
"2013-09-29	14:00:00"	7.4906	224.29	71.636	36.289	888.55	26.547	0
"2013-09-29	15:00:00"	7.2172	227.09	74.271	33.234	872.85	26.509	0
"2013-09-29	16:00:00"	7.1594	234.73	76.554	26.667	789.61	26.483	0
"2013-09-29	17:00:00"	8.1089	230.52	77.783	25.948	642.08	26.465	0
"2013-09-29	18:00:00"	8.4718	223.12	78.543	24.097	447.57	26.45	0
"2013-09-29	19:00:00"	7.8398	222.41	78.32	24.408	226.43	26.447	0
"2013-09-29	20:00:00"	6.2361	217.38	75.862	26.838	32.471	26.441	0
"2013-09-29	21:00:00"	5.7607	191.03	71.821	32.312	0.11447	26.444	0
"2013-09-29	22:00:00"	5.5619	194.04	69.314	36.471	0.13164	26.453	0
"2013-09-29	23:00:00"	4.4012	203.64	66.687	43.031	0.14457	26.462	0
"2013-09-30	00:00:00"	5.2879	198.22	64.756	47.295	0.14266	26.456	0
"2013-09-30	01:00:00"	3.9662	215.28	62.914	51.46	0.11426	26.444	0
"2013-09-30	02:00:00"	5.7191	228.62	61.309	55.572	0.14669	26.435	0
"2013-09-30	03:00:00"	5.3699	222.78	60.51	57.262	0.12146	26.42	0
"2013-09-30	04:00:00"	4.3738	210.37	60.234	56.455	0.12825	26.397	0
"2013-09-30	05:00:00"	3.1559	232.89	58.23	61.012	0.11934	26.388	0
"2013-09-30	06:00:00"	2.9584	230.34	56.501	65.069	0.14542	26.385	0
"2013-09-30	07:00:00"	2.6508	243.05	55.556	66.611	0.14605	26.382	0
"2013-09-30	08:00:00"	2.3326	248.25	54.636	68.26	4.3801	26.382	0
"2013-09-30	09:00:00"	2.6073	264.21	56.694	64.709	106.33	26.391	0
"2013-09-30	10:00:00"	4.0687	268.53	63.607	45.619	308.62	26.394	0
"2013-09-30	11:00:00"	5.7645	262.69	71.547	36.489	527.68	26.4	0
"2013-09-30	12:00:00"	7.6702	270.2	80.361	21.413	706.53	26.388	0
"2013-09-30	13:00:00"	7.0414	266.31	84.391	16.333	830.23	26.367	0
"2013-09-30	14:00:00"	8.048	228.81	85.798	14.794	889.19	26.347	0
"2013-09-30	15:00:00"	9.2758	242.52	87.089	14.644	874.28	26.32	0
"2013-09-30	16:00:00"	9.2559	235.42	87.867	12.888	791.51	26.311	0
"2013-09-30	17:00:00"	8.5619	235.69	88.469	12.037	642.35	26.302	0
"2013-09-30	18:00:00"	8.0194	234.84	88.151	11.72	446.31	26.302	0
"2013-09-30	19:00:00"	5.4246	237.7	87.016	12.667	224.29	26.296	0
"2013-09-30	20:00:00"	1.8697	257.4	82.411	16.354	31.556	26.299	0
"2013-09-30	21:00:00"	0.81959	43.894	76.007	20.397	0.11299	26.305	0
"2013-09-30	22:00:00"	1.2471	270.15	73.186	23.044	0.14605	26.314	0
"2013-09-30	23:00:00"	0.99668	4.5757	69.064	30.422	0.10769	26.326	0
"2013-10-01	00:00:00"	1.3975	238.14	66.876	34.629	0.13249	26.323	0
"2013-10-01	01:00:00"	1.8293	306.98	65.57	39.406	0.13228	26.317	0
"2013-10-01	02:00:00"	0.83326	9.4372	62.522	43.849	0.13567	26.311	0
"2013-10-01	03:00:00"	5.4761	174.06	63.451	44.606	0.1433	26.32	0
"2013-10-01	04:00:00"	6.9072	192.8	62.706	53.074	0.14118	26.311	0
"2013-10-01	05:00:00"	6.2286	214.07	62.051	56.102	0.14245	26.311	0
"2013-10-01	06:00:00"	3.7879	234.71	60.025	58.996	0.13122	26.32	0
"2013-10-01	07:00:00"	4.0122	232.97	59.881	62.471	0.16259	26.329	0
"2013-10-01	08:00:00"	4.5018	229.47	59.143	66.709	3.8718	26.344	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-01	09:00:00"	2.9838	235.56	59.762	67.845	101.47	26.356	0
"2013-10-01	10:00:00"	3.4269	223.82	64.407	65.79	300.14	26.37	0
"2013-10-01	11:00:00"	2.8658	226.77	71.51	48.023	515.79	26.379	0
"2013-10-01	12:00:00"	5.2879	239	80.709	24.507	697.54	26.376	0
"2013-10-01	13:00:00"	4.1147	249.43	85.655	15.921	823.14	26.37	0
"2013-10-01	14:00:00"	3.9706	250.75	88.372	12.463	839.48	26.347	0.1
"2013-10-01	15:00:00"	5.9142	232.41	90.074	10.141	884.93	26.326	0
"2013-10-01	16:00:00"	6.3119	232.77	90.798	9.322	514.21	26.32	0
"2013-10-01	17:00:00"	6.8916	240.5	90.813	9.1322	521.5	26.314	0
"2013-10-01	18:00:00"	7.0706	239.82	90.355	9.1014	77.525	26.314	0
"2013-10-01	19:00:00"	4.4838	238.16	89.884	10.088	176.88	26.308	0
"2013-10-01	20:00:00"	3.1615	214.47	85.788	13.088	32.392	26.314	0
"2013-10-01	21:00:00"	2.5079	194.38	80.552	15.621	0.07674	26.332	0
"2013-10-01	22:00:00"	3.4269	200.56	76.985	18.366	0.06805	26.347	0
"2013-10-01	23:00:00"	3.1379	259.26	73.538	21.225	0.0566	26.353	0
"2013-10-02	00:00:00"	2.767	264.4	70.808	25.858	0.0761	26.353	0
"2013-10-02	01:00:00"	1.9505	276.66	68.367	26.926	0.07716	26.347	0
"2013-10-02	02:00:00"	4.3651	199.08	66.67	28.99	0.06847	26.353	0
"2013-10-02	03:00:00"	9.7425	163.83	65.022	51.246	0.07123	26.356	0
"2013-10-02	04:00:00"	7.7249	172.71	63.31	72.609	0.07907	26.347	0
"2013-10-02	05:00:00"	6.1385	197.03	63.271	80.745	0.08903	26.344	0
"2013-10-02	06:00:00"	2.7893	233.64	61.252	83.732	0.09115	26.347	0
"2013-10-02	07:00:00"	3.1112	202.69	60.665	85.6	0.09624	26.353	0
"2013-10-02	08:00:00"	2.9118	219.48	59.939	87.826	4.4927	26.37	0
"2013-10-02	09:00:00"	2.4022	225.14	60.821	87.708	113.84	26.385	0
"2013-10-02	10:00:00"	4.2844	204.07	64.247	79.999	313.7	26.391	0
"2013-10-02	11:00:00"	5.7533	198.01	70.413	53.464	532.76	26.403	0
"2013-10-02	12:00:00"	4.1278	229.55	77.869	27.637	624.51	26.412	0
"2013-10-02	13:00:00"	4.4391	240.54	82.615	22.573	824.76	26.397	0
"2013-10-02	14:00:00"	3.8991	177.84	85.914	15.799	883.5	26.376	0
"2013-10-02	15:00:00"	3.4343	254.06	88.131	11.854	868.32	26.353	0
"2013-10-02	16:00:00"	6.3187	211.22	89.801	9.3489	783.73	26.335	0
"2013-10-02	17:00:00"	7.5484	221.2	90.368	8.5711	634.98	26.329	0
"2013-10-02	18:00:00"	6.7655	227.21	90.139	8.3369	436.64	26.323	0
"2013-10-02	19:00:00"	6.2131	211.39	88.992	8.8708	211.93	26.32	0
"2013-10-02	20:00:00"	4.5174	207.8	85.161	10.973	24.96	26.329	0
"2013-10-02	21:00:00"	3.5623	186.94	82.705	11.236	0.12316	26.335	0
"2013-10-02	22:00:00"	2.3736	203.92	77.042	16.421	0.11299	26.358	0
"2013-10-02	23:00:00"	2.0369	275.11	75.424	18.393	0.11065	26.356	0
"2013-10-03	00:00:00"	7.9163	167.31	71.557	44.995	0.12634	26.367	0
"2013-10-03	01:00:00"	7.0687	180.68	70.687	63.696	0.11362	26.364	0
"2013-10-03	02:00:00"	6.3262	196.59	70.068	68.258	0.10981	26.356	0
"2013-10-03	03:00:00"	5.0741	190.33	68.423	73.627	0.12931	26.353	0
"2013-10-03	04:00:00"	6.3417	187.55	66.985	78.113	0.13503	26.344	0
"2013-10-03	05:00:00"	5.2363	185.13	65.606	81.919	0.12464	26.341	0
"2013-10-03	06:00:00"	5.9515	191.93	64.835	84.645	0.10599	26.344	0
"2013-10-03	07:00:00"	4.349	175.51	63.211	87.553	0.09454	26.344	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-03	08:00:00"	4.9964	182.72	62.857	89.34	2.9043	26.353	0
"2013-10-03	09:00:00"	6.5971	189.63	63.386	89.646	98.226	26.37	0
"2013-10-03	10:00:00"	7.1545	206.19	66.133	85.319	282.75	26.373	0
"2013-10-03	11:00:00"	8.5824	190.04	72.096	67.614	497.15	26.379	0
"2013-10-03	12:00:00"	7.2955	211.72	78.199	46.804	669.66	26.376	0
"2013-10-03	13:00:00"	7.2731	209.69	83.445	29.986	787.31	26.353	0
"2013-10-03	14:00:00"	10.806	209.63	86.515	20.574	831.26	26.326	0
"2013-10-03	15:00:00"	12.63	196.84	87.323	19.708	811.04	26.299	0
"2013-10-03	16:00:00"	11.362	194.96	88.42	19.906	717.3	26.279	0
"2013-10-03	17:00:00"	11.712	205.57	89.263	19.708	507.94	26.264	0
"2013-10-03	18:00:00"	11.946	203.26	88.769	19.654	331.54	26.255	0
"2013-10-03	19:00:00"	9.7779	199.89	88.295	19.497	181.6	26.249	0
"2013-10-03	20:00:00"	5.0865	253.26	83.696	22.639	10.964	26.261	0
"2013-10-03	21:00:00"	8.8179	213.35	81.507	23.966	0.10493	26.288	0
"2013-10-03	22:00:00"	6.85	188.79	79.214	26.933	0.09412	26.302	0
"2013-10-03	23:00:00"	7.188	175.58	75.86	45.661	0.12761	26.305	0
"2013-10-04	00:00:00"	8.8079	174.52	74.22	61.324	0.11108	26.305	0
"2013-10-04	01:00:00"	10.406	164.48	72.882	64.575	0.13397	26.299	0
"2013-10-04	02:00:00"	9.4156	161.15	71.048	65.464	0.09836	26.302	0
"2013-10-04	03:00:00"	8.6513	162.3	69.498	69.746	0.12083	26.308	0
"2013-10-04	04:00:00"	8.5594	162.96	68.102	72.44	0.09878	26.299	0
"2013-10-04	05:00:00"	6.4567	177.52	66.774	74.846	0.10663	26.296	0
"2013-10-04	06:00:00"	6.3796	190.38	66.379	75.292	0.10133	26.305	0
"2013-10-04	07:00:00"	6.3069	193.89	65.558	75.246	0.11659	26.317	0
"2013-10-04	08:00:00"	6.4529	188.82	64.81	76.271	1.5748	26.332	0
"2013-10-04	09:00:00"	6.1056	200.18	64.416	78.034	41.632	26.353	0
"2013-10-04	10:00:00"	6.5903	213.61	64.567	81.219	129.43	26.358	0
"2013-10-04	11:00:00"	9.1074	214.34	71.313	64.054	499.61	26.37	0
"2013-10-04	12:00:00"	8.3848	241.1	78.286	37.845	678.31	26.367	0
"2013-10-04	13:00:00"	10.073	243.44	84.23	19.81	803.21	26.361	0
"2013-10-04	14:00:00"	10.893	236.1	86.14	16.55	861.25	26.341	0
"2013-10-04	15:00:00"	12.209	240.77	87.631	14.239	846.35	26.323	0
"2013-10-04	16:00:00"	11.249	238.95	88.515	13.961	761.15	26.305	0
"2013-10-04	17:00:00"	13.639	231.18	88.943	12.004	617.4	26.305	0
"2013-10-04	18:00:00"	15.065	229.41	87.812	10.006	428.56	26.308	0
"2013-10-04	19:00:00"	10.454	235.71	86.001	11.749	201.59	26.311	0
"2013-10-04	20:00:00"	6.2647	255.58	81.104	15.699	19.951	26.317	0
"2013-10-04	21:00:00"	7.8908	272.84	77.943	18.608	0.11447	26.332	0
"2013-10-04	22:00:00"	9.9805	289.22	74.9	21.891	0.13567	26.35	0
"2013-10-04	23:00:00"	5.5762	138.82	73.183	23.482	0.15708	26.382	0
"2013-10-05	00:00:00"	3.9594	170.73	72.405	25.243	0.13228	26.394	0
"2013-10-05	01:00:00"	3.2902	179.1	69.981	27.559	0.1238	26.412	0
"2013-10-05	02:00:00"	8.7222	2.5433	66.568	29.285	0.13503	26.415	0
"2013-10-05	03:00:00"	10.876	8.1359	63.132	29.158	0.12337	26.423	0
"2013-10-05	04:00:00"	16.834	29.006	59.898	36.2	0.14436	26.444	0
"2013-10-05	05:00:00"	17.704	27.41	55.762	40.378	0.13842	26.471	0
"2013-10-05	06:00:00"	18.251	26.286	52.334	41.04	0.17849	26.509	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-05	07:00:00"	16.331	15.186	50.419	42.508	0.15241	26.536	0
"2013-10-05	08:00:00"	17.352	10.006	48.353	41.49	1.9935	26.565	0
"2013-10-05	09:00:00"	18.892	13.553	47.021	39.113	84.579	26.589	0
"2013-10-05	10:00:00"	17.459	21.446	48.856	35.45	280.25	26.607	0
"2013-10-05	11:00:00"	15.394	26.002	52.334	31.572	493.62	26.618	0
"2013-10-05	12:00:00"	12.414	24.507	55.922	28.21	673.36	26.624	0
"2013-10-05	13:00:00"	10.192	38.82	58.908	26.403	797.49	26.609	0
"2013-10-05	14:00:00"	8.8042	41.18	61.954	24.767	854.36	26.583	0
"2013-10-05	15:00:00"	6.7966	31.035	63.903	22.794	842.03	26.556	0
"2013-10-05	16:00:00"	6.8649	24.147	66.091	21.172	756.25	26.547	0
"2013-10-05	17:00:00"	7.2278	26.211	67.126	19.953	606.83	26.545	0
"2013-10-05	18:00:00"	6.169	31.332	68.047	19.273	410.63	26.542	0
"2013-10-05	19:00:00"	5.6315	50.732	67.736	19.493	191.44	26.553	0
"2013-10-05	20:00:00"	4.2154	75.814	64.908	23.168	17.566	26.565	0
"2013-10-05	21:00:00"	3.8687	93.893	60.692	28.264	0.14033	26.577	0
"2013-10-05	22:00:00"	3.7121	99.193	58.585	31.902	0.12655	26.589	0
"2013-10-05	23:00:00"	1.7635	46.292	55.167	36.862	0.12549	26.604	0
"2013-10-06	00:00:00"	0.81151	24.772	52.26	40.779	0.13312	26.609	0
"2013-10-06	01:00:00"	1.1831	348.71	51.372	42.115	0.14033	26.609	0
"2013-10-06	02:00:00"	3.9277	2.6222	48.624	46.052	0.16916	26.612	0
"2013-10-06	03:00:00"	3.0553	351.51	47.47	46.654	0.1717	26.609	0
"2013-10-06	04:00:00"	2.181	342.23	45.662	50.751	0.14966	26.609	0
"2013-10-06	05:00:00"	2.46	346.48	45.223	50.406	0.17764	26.612	0
"2013-10-06	06:00:00"	1.226	345.61	44.001	52.319	0.15665	26.618	0
"2013-10-06	07:00:00"	1.052	342.8	42.874	55.512	0.18633	26.633	0
"2013-10-06	08:00:00"	1.8001	335.48	41.316	59.322	3.0298	26.636	0
"2013-10-06	09:00:00"	0.88421	328.07	44.998	54.225	93.38	26.657	0
"2013-10-06	10:00:00"	2.255	246.94	55.709	38.139	291.27	26.68	0
"2013-10-06	11:00:00"	4.2558	221.82	60.824	29.67	510.41	26.686	0
"2013-10-06	12:00:00"	4.3316	256.74	65.477	24.928	691.72	26.677	0
"2013-10-06	13:00:00"	3.7494	212.75	68.77	18.803	818.88	26.669	0
"2013-10-06	14:00:00"	4.2135	199.33	70.993	14.603	875.1	26.645	0
"2013-10-06	15:00:00"	4.4695	227.14	72.805	13.167	856.88	26.615	0
"2013-10-06	16:00:00"	5.4966	215.36	74.085	13.063	768.18	26.607	0
"2013-10-06	17:00:00"	4.9461	220.42	75.31	12.133	616.66	26.595	0
"2013-10-06	18:00:00"	3.822	228.29	75.736	10.938	415.88	26.592	0
"2013-10-06	19:00:00"	3.8332	229.51	75.245	11.416	190.71	26.595	0
"2013-10-06	20:00:00"	3.3635	205.73	72.439	13.053	16.142	26.598	0
"2013-10-06	21:00:00"	3.3933	212.66	68.203	15.484	0.15008	26.612	0
"2013-10-06	22:00:00"	2.1357	231.59	63.128	20.785	0.1327	26.624	0
"2013-10-06	23:00:00"	1.0514	272.09	59.721	24.997	0.15814	26.627	0
"2013-10-07	00:00:00"	2.0241	276.26	58.946	24.537	0.1628	26.627	0
"2013-10-07	01:00:00"	1.4562	311.05	56.201	26.66	0.13402	26.618	0
"2013-10-07	02:00:00"	0.51822	348.08	51.982	30.389	0.16534	26.618	0
"2013-10-07	03:00:00"	1.395	327.62	49.913	33.847	0.17255	26.621	0
"2013-10-07	04:00:00"	2.1108	331.34	48.484	35.385	0.1876	26.615	0
"2013-10-07	05:00:00"	3.1678	337.4	50.016	32.746	0.177	26.615	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-07	06:00:00"	2.8024	311.19	49.404	33.39	0.14966	26.624	0
"2013-10-07	07:00:00"	2.8521	314.91	47.898	35.285	0.1539	26.624	0
"2013-10-07	08:00:00"	2.7284	320.39	46.851	36.483	2.6974	26.63	0
"2013-10-07	09:00:00"	3.3175	334.17	53.137	31.027	91.637	26.651	0
"2013-10-07	10:00:00"	6.0882	334.05	64.387	20.883	287.86	26.666	0
"2013-10-07	11:00:00"	4.4005	320.5	69.676	16.66	504.26	26.669	0
"2013-10-07	12:00:00"	3.7636	230.18	72.813	14.595	682.31	26.66	0
"2013-10-07	13:00:00"	3.1466	123.94	74.72	11.884	812.34	26.645	0
"2013-10-07	14:00:00"	4.3577	151.68	76.666	10.752	866.39	26.618	0
"2013-10-07	15:00:00"	5.035	151.97	77.747	10.625	848.36	26.589	0
"2013-10-07	16:00:00"	5.7514	157.45	78.595	10.277	760.12	26.571	0
"2013-10-07	17:00:00"	5.588	179.05	79.604	10.267	608.38	26.55	0
"2013-10-07	18:00:00"	6.3361	176.8	79.438	10.478	399.22	26.539	0
"2013-10-07	19:00:00"	6.8208	181.14	78.186	11.186	186.35	26.536	0
"2013-10-07	20:00:00"	3.2815	180.33	73.5	15.362	14.002	26.536	0
"2013-10-07	21:00:00"	3.4523	179.75	69.308	18.013	0.15814	26.542	0
"2013-10-07	22:00:00"	3.1665	188.11	66.431	19.775	0.12464	26.556	0
"2013-10-07	23:00:00"	1.605	184.8	64.755	20.422	0.12994	26.553	0
"2013-10-08	00:00:00"	1.3304	184.96	62.909	21.54	0.1433	26.545	0
"2013-10-08	01:00:00"	3.023	179.68	59.766	26.284	0.15665	26.524	0
"2013-10-08	02:00:00"	1.9809	183.59	57.373	29.09	0.16958	26.515	0
"2013-10-08	03:00:00"	1.7007	183.84	55.819	31.432	0.1221	26.509	0
"2013-10-08	04:00:00"	1.4273	180.87	54.355	34.454	0.1274	26.5	0
"2013-10-08	05:00:00"	3.0099	181.79	54.914	32.797	0.15941	26.491	0
"2013-10-08	06:00:00"	2.1052	181.63	53.702	35.245	0.13037	26.488	0
"2013-10-08	07:00:00"	2.6763	167.91	52.122	39.108	0.20477	26.485	0
"2013-10-08	08:00:00"	3.3927	168.19	52.345	39.267	4.2633	26.483	0
"2013-10-08	09:00:00"	6.1075	188.41	55.23	34.673	104.61	26.491	0
"2013-10-08	10:00:00"	8.0287	174.5	62.319	28.604	303.22	26.497	0
"2013-10-08	11:00:00"	11.621	183.79	68.305	21.72	444.07	26.503	0
"2013-10-08	12:00:00"	11.942	177.26	71.738	18.208	554.02	26.491	0
"2013-10-08	13:00:00"	11.047	185.67	74.745	16.031	823.84	26.474	0
"2013-10-08	14:00:00"	9.3688	183.04	78.551	12.118	856.77	26.447	0
"2013-10-08	15:00:00"	8.4295	183.61	80.747	9.4078	775.25	26.415	0
"2013-10-08	16:00:00"	9.827	180.98	82.155	8.6289	773.02	26.397	0
"2013-10-08	17:00:00"	9.3435	170.2	82.405	9.0128	609.82	26.376	0
"2013-10-08	18:00:00"	10.766	166.77	82.551	9.6125	411.53	26.364	0
"2013-10-08	19:00:00"	11.308	171.52	81.34	11.088	181.44	26.361	0
"2013-10-08	20:00:00"	6.1777	163.93	76.619	15.135	12.391	26.361	0
"2013-10-08	21:00:00"	9.1926	142.6	73.35	19.646	0.13079	26.376	0
"2013-10-08	22:00:00"	8.5059	141.99	70.174	24.094	0.15559	26.388	0
"2013-10-08	23:00:00"	6.5244	144.15	66.999	27.449	0.14309	26.388	0
"2013-10-09	00:00:00"	9.9568	160.47	66.64	28.712	0.15792	26.388	0
"2013-10-09	01:00:00"	8.7688	173.7	64.998	32.536	0.13355	26.382	0
"2013-10-09	02:00:00"	7.3695	166.45	63.028	35.622	0.12274	26.37	0
"2013-10-09	03:00:00"	9.7164	171.47	62.365	36.272	0.14605	26.376	0
"2013-10-09	04:00:00"	7.1669	178.1	60.654	38.677	0.13058	26.367	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-09	05:00:00"	7.5503	176.6	59.8	40.101	0.13228	26.367	0
"2013-10-09	06:00:00"	8.3009	180.34	60.266	40.386	0.13694	26.376	0
"2013-10-09	07:00:00"	8.5799	174.73	60.856	39.651	0.15114	26.379	0
"2013-10-09	08:00:00"	7.0501	193.85	59.655	41.913	2.6101	26.379	0
"2013-10-09	09:00:00"	5.8987	195.73	58.57	44.963	48.219	26.391	0
"2013-10-09	10:00:00"	10.095	185.84	61.421	42.921	282.33	26.409	0
"2013-10-09	11:00:00"	12.148	188.37	66.47	36.576	434.23	26.423	0
"2013-10-09	12:00:00"	10.993	190.21	71.444	30.109	599.45	26.429	0
"2013-10-09	13:00:00"	8.7464	212.52	76.816	23.946	826.34	26.42	0
"2013-10-09	14:00:00"	7.8255	234.27	81.007	19.495	798.98	26.397	0
"2013-10-09	15:00:00"	7.705	212.23	83.041	17.069	742.8	26.376	0
"2013-10-09	16:00:00"	9.5213	183.51	82.864	17.264	516.63	26.361	0
"2013-10-09	17:00:00"	9.4194	201.09	84.558	15.718	558.96	26.356	0
"2013-10-09	18:00:00"	10.026	184.57	84.901	14.715	393.74	26.347	0
"2013-10-09	19:00:00"	9.1093	157.63	83.379	16.343	166.39	26.35	0
"2013-10-09	20:00:00"	5.4469	157.35	78.323	20.662	9.8596	26.361	0
"2013-10-09	21:00:00"	9.0298	149.4	74.471	27.986	0.13122	26.382	0
"2013-10-09	22:00:00"	9.1597	149.19	71.054	37.021	0.12613	26.391	0
"2013-10-09	23:00:00"	10.529	153.5	68.567	43.874	0.1363	26.397	0
"2013-10-10	00:00:00"	9.4604	155.11	66.613	48.778	0.14923	26.397	0
"2013-10-10	01:00:00"	10.696	163.74	65.819	53.197	0.12295	26.379	0
"2013-10-10	02:00:00"	10.406	153.54	65.537	55.392	0.14966	26.379	0
"2013-10-10	03:00:00"	7.7796	172.7	63.922	58.765	0.14245	26.376	0
"2013-10-10	04:00:00"	7.9772	167.55	63.328	60.064	0.14203	26.373	0
"2013-10-10	05:00:00"	9.3628	160.15	62.63	60.229	0.14118	26.37	0
"2013-10-10	06:00:00"	9.0167	169.64	61.688	59.65	0.1327	26.37	0
"2013-10-10	07:00:00"	10.674	165.2	61.742	59.743	0.13143	26.364	0
"2013-10-10	08:00:00"	7.9945	173.1	60.796	65.893	1.7927	26.37	0
"2013-10-10	09:00:00"	6.5039	184.2	60.946	67.414	78.177	26.382	0
"2013-10-10	10:00:00"	12.47	180.18	64.598	60.284	258.73	26.388	0
"2013-10-10	11:00:00"	12.302	184.1	68.808	50.574	467.21	26.385	0
"2013-10-10	12:00:00"	12.731	187.61	73.229	42.017	641.69	26.373	0
"2013-10-10	13:00:00"	12.706	183.37	77.653	35.116	761.09	26.356	0
"2013-10-10	14:00:00"	13.2	188.53	80.425	29.62	815.76	26.332	0
"2013-10-10	15:00:00"	14.154	186.06	82.175	27.82	796.1	26.288	0
"2013-10-10	16:00:00"	16.481	184.96	83.78	24.722	712.14	26.27	0
"2013-10-10	17:00:00"	16.222	188.8	84.959	23.341	561.46	26.249	0
"2013-10-10	18:00:00"	15.645	178.98	85.263	25.704	362.51	26.237	0
"2013-10-10	19:00:00"	16.232	162.25	83.795	28.96	131.58	26.229	0
"2013-10-10	20:00:00"	16.32	155.54	79.952	36.55	9.0138	26.24	0
"2013-10-10	21:00:00"	17.581	160.41	76.428	42.536	0.12443	26.249	0
"2013-10-10	22:00:00"	16.919	168.39	73.62	48.038	0.10769	26.279	0
"2013-10-10	23:00:00"	16.246	172.75	71.401	54.143	0.12189	26.302	0
"2013-10-11	00:00:00"	10.452	187.56	69.439	59.731	0.10684	26.32	0
"2013-10-11	01:00:00"	8.0592	192.28	68.01	63.719	0.1327	26.32	0
"2013-10-11	02:00:00"	5.6389	196.52	66.123	67.923	0.14839	26.323	0
"2013-10-11	03:00:00"	4.2918	211.43	64.413	71.58	0.13736	26.326	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-11	04:00:00"	2.2394	254.47	61.491	77.519	0.13334	26.323	0
"2013-10-11	05:00:00"	5.88	325.36	59.05	70.621	0.10875	26.341	0
"2013-10-11	06:00:00"	4.2955	4.2899	54.288	58.125	0.13482	26.358	0
"2013-10-11	07:00:00"	4.1787	12.549	51.146	59.616	0.13037	26.373	0
"2013-10-11	08:00:00"	4.3782	4.1958	50.348	54.227	1.5888	26.388	0
"2013-10-11	09:00:00"	5.6874	354.2	52.307	47.995	79.246	26.403	0
"2013-10-11	10:00:00"	7.2408	355.52	60.385	32.25	266.04	26.423	0
"2013-10-11	11:00:00"	4.5944	2.8483	65.769	25.749	477.89	26.432	0
"2013-10-11	12:00:00"	3.4231	245.85	70.638	21.706	650.51	26.429	0
"2013-10-11	13:00:00"	7.1756	215.9	72.809	21.27	773.44	26.418	0
"2013-10-11	14:00:00"	8.0648	202.72	74.884	20.298	828.46	26.388	0
"2013-10-11	15:00:00"	10.414	228.92	77.866	18.481	810.01	26.364	0
"2013-10-11	16:00:00"	12.846	239.85	78.654	19.059	718.99	26.358	0
"2013-10-11	17:00:00"	11.792	244.84	79.456	19.212	565.18	26.353	0
"2013-10-11	18:00:00"	10.35	232.96	79.859	19.702	365.41	26.347	0
"2013-10-11	19:00:00"	11.718	232.84	78.515	19.996	154.56	26.358	0
"2013-10-11	20:00:00"	5.5619	239.64	74.524	21.702	7.6925	26.364	0
"2013-10-11	21:00:00"	5.181	272.85	71.383	24.426	0.12464	26.379	0
"2013-10-11	22:00:00"	6.4101	314.01	66.94	28.667	0.11362	26.394	0
"2013-10-11	23:00:00"	8.6004	311	68.192	27.065	0.10811	26.403	0
"2013-10-12	00:00:00"	4.3403	309.29	63.862	32.04	0.13482	26.409	0
"2013-10-12	01:00:00"	2.5127	287.02	61.319	35.692	0.12641	26.412	0
"2013-10-12	02:00:00"	1.8815	320.52	58.199	39.84	0.12931	26.423	0
"2013-10-12	03:00:00"	3.1336	53.486	58.557	36.41	0.12592	26.438	0
"2013-10-12	04:00:00"	3.566	20.195	55.464	37.819	0.12655	26.438	0
"2013-10-12	05:00:00"	2.4905	337.17	52.78	38.97	0.16916	26.45	0
"2013-10-12	06:00:00"	5.0027	2.6616	54.254	33.143	0.15729	26.465	0
"2013-10-12	07:00:00"	5.8216	11.283	53.66	32.973	0.12104	26.485	0
"2013-10-12	08:00:00"	5.0374	7.6266	52.031	35.285	1.5161	26.5	0
"2013-10-12	09:00:00"	6.6903	3.1085	53.977	34.643	77.482	26.518	0
"2013-10-12	10:00:00"	10.409	11.617	60.71	30.625	261.37	26.536	0
"2013-10-12	11:00:00"	10.035	21.838	66.375	25.455	468.57	26.545	0
"2013-10-12	12:00:00"	8.8539	32.544	71.155	21.604	632.59	26.547	0
"2013-10-12	13:00:00"	5.872	74.383	74.211	19.427	760.19	26.539	0
"2013-10-12	14:00:00"	4.6559	96.827	76.42	23.774	800.87	26.518	0
"2013-10-12	15:00:00"	5.3929	105.01	78.256	24.061	790.51	26.494	0
"2013-10-12	16:00:00"	6.3032	111.15	79.058	22.762	707.22	26.477	0
"2013-10-12	17:00:00"	6.5082	115.09	80.057	22.161	557.26	26.471	0
"2013-10-12	18:00:00"	7.6808	123.6	80.302	25.174	355.92	26.471	0
"2013-10-12	19:00:00"	6.3591	121.97	79.651	27.889	140.38	26.477	0
"2013-10-12	20:00:00"	3.5859	90.096	75.951	32.739	6.7702	26.483	0
"2013-10-12	21:00:00"	4.0047	78.145	73.006	37.706	0.13439	26.497	0
"2013-10-12	22:00:00"	8.0996	86.417	70.696	38.223	0.1274	26.521	0
"2013-10-12	23:00:00"	9.9829	90.903	68.995	33.664	0.13609	26.533	0
"2013-10-13	00:00:00"	7.7592	82.588	67.593	34.717	0.11129	26.542	0
"2013-10-13	01:00:00"	7.6379	83.518	65.882	36.854	0.10302	26.547	0
"2013-10-13	02:00:00"	9.5095	87.126	65.337	35.941	0.15093	26.553	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-13	03:00:00"	10.662	87.478	64.63	35.399	0.11765	26.553	0
"2013-10-13	04:00:00"	9.2143	78.214	63.056	40.119	0.09984	26.542	0
"2013-10-13	05:00:00"	8.0648	70.425	60.08	47.393	0.14075	26.536	0
"2013-10-13	06:00:00"	9.1074	63.887	58.543	54.228	0.1062	26.547	0
"2013-10-13	07:00:00"	9.8096	61.713	58.527	60.111	0.1486	26.536	0
"2013-10-13	08:00:00"	10.666	61.177	58.869	64.925	0.15941	26.55	0
"2013-10-13	09:00:00"	10.246	51.482	59.304	69.877	1.3119	26.598	0.01
"2013-10-13	10:00:00"	8.5762	346.87	57.738	85.613	1.8938	26.612	0.75
"2013-10-13	11:00:00"	9.2385	60.363	58.9	91.887	24.381	26.589	0.36
"2013-10-13	12:00:00"	8.7439	85.514	59.875	91.521	79.764	26.577	0
"2013-10-13	13:00:00"	7.7361	64.19	61.302	88.823	55.507	26.589	0.44
"2013-10-13	14:00:00"	8.3115	14.743	60.66	90.738	25.479	26.565	0.46
"2013-10-13	15:00:00"	8.7129	55.941	60.085	90.537	110.7	26.536	0.16
"2013-10-13	16:00:00"	9.0956	67.129	61.423	89.563	122.6	26.533	0
"2013-10-13	17:00:00"	11.868	62.802	61.621	88.764	151.03	26.515	0
"2013-10-13	18:00:00"	13.251	63.825	62.167	86.537	156.19	26.524	0
"2013-10-13	19:00:00"	11.708	76.768	61.872	87.513	30.393	26.521	0
"2013-10-13	20:00:00"	14.919	92.431	61.891	88.781	0.86657	26.518	0
"2013-10-13	21:00:00"	15.605	97.033	61.789	88.292	0.08055	26.533	0
"2013-10-13	22:00:00"	15.148	102.36	62.045	89.35	0.0814	26.542	0
"2013-10-13	23:00:00"	15.695	112.83	62.819	88.925	0.11871	26.55	0
"2013-10-14	00:00:00"	14.526	117.48	63.484	87.485	0.12422	26.539	0
"2013-10-14	01:00:00"	14.411	135.31	63.437	87.919	0.09348	26.539	0
"2013-10-14	02:00:00"	12.415	145.29	63.748	88.043	0.10133	26.527	0
"2013-10-14	03:00:00"	10.484	154.35	63.753	88.183	0.10048	26.524	0
"2013-10-14	04:00:00"	10.426	160.93	63.662	88.048	0.09899	26.5	0
"2013-10-14	05:00:00"	12.69	175.41	63.523	88.885	0.11023	26.48	0
"2013-10-14	06:00:00"	13.021	178.42	63.755	89.845	0.08628	26.477	0
"2013-10-14	07:00:00"	13.543	177.56	64.19	89.058	0.10514	26.477	0
"2013-10-14	08:00:00"	11.618	176.66	64.76	89.1	0.16153	26.485	0
"2013-10-14	09:00:00"	12.504	182.6	64.617	89.107	18.655	26.483	0
"2013-10-14	10:00:00"	11.979	188.85	65.282	87.819	89.104	26.488	0
"2013-10-14	11:00:00"	10.646	191.63	66.374	85.351	197.54	26.48	0
"2013-10-14	12:00:00"	10.51	193.05	68.617	80.521	493.56	26.468	0
"2013-10-14	13:00:00"	11.344	212.3	72.578	69.394	728.35	26.447	0
"2013-10-14	14:00:00"	11.515	229.62	76.938	51.936	730.45	26.42	0
"2013-10-14	15:00:00"	11.522	251.45	79.01	39.292	619.03	26.394	0
"2013-10-14	16:00:00"	11.515	262.4	78.486	36.639	450.59	26.385	0
"2013-10-14	17:00:00"	10.23	259.51	78.28	35.535	307.58	26.382	0
"2013-10-14	18:00:00"	7.8945	257.23	77.976	35.968	242.53	26.379	0
"2013-10-14	19:00:00"	3.0071	251.81	75.863	42.082	78.461	26.382	0
"2013-10-14	20:00:00"	1.0911	253.13	71.785	52.386	3.475	26.391	0
"2013-10-14	21:00:00"	1.1222	276.93	69.773	56.935	0.12761	26.409	0
"2013-10-14	22:00:00"	1.8834	298.54	68.364	61.979	0.14224	26.418	0
"2013-10-14	23:00:00"	1.8821	194.23	67.791	61.735	0.10811	26.429	0
"2013-10-15	00:00:00"	2.5793	193.14	67.809	60.066	0.12083	26.429	0
"2013-10-15	01:00:00"	4.2242	184.75	68.032	58.871	0.12705	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-15	02:00:00"	3.932	162.17	67.137	68.525	0.09984	26.415	0
"2013-10-15	03:00:00"	4.3291	165.55	66.333	82.848	0.09412	26.423	0
"2013-10-15	04:00:00"	5.4252	191.79	66.381	88.456	0.07377	26.426	0
"2013-10-15	05:00:00"	4.0638	186.66	65.973	90.171	0.10048	26.415	0
"2013-10-15	06:00:00"	5.2301	179.38	64.964	89.142	0.07589	26.418	0
"2013-10-15	07:00:00"	9.1255	197.75	62.846	81.438	0.09136	26.459	0
"2013-10-15	08:00:00"	14.597	27.877	55.156	67.166	0.29317	26.468	0
"2013-10-15	09:00:00"	15.595	28.516	52.84	64.514	28.185	26.48	0
"2013-10-15	10:00:00"	17.703	32.864	52.003	60.094	133.23	26.512	0
"2013-10-15	11:00:00"	17.329	36.3	51.322	58.242	136.37	26.536	0
"2013-10-15	12:00:00"	14.873	40.894	51.636	58.337	184.36	26.533	0
"2013-10-15	13:00:00"	13.988	38.713	52.015	59.387	235.9	26.533	0
"2013-10-15	14:00:00"	11.51	41.528	52.062	64.214	227.38	26.506	0
"2013-10-15	15:00:00"	11.6	39.135	52.562	62.583	222.36	26.485	0
"2013-10-15	16:00:00"	10.758	41.816	53.023	60.656	160.11	26.5	0
"2013-10-15	17:00:00"	10.698	50.826	53.418	59.287	163.13	26.497	0
"2013-10-15	18:00:00"	10.704	52.979	53.179	60.681	136.44	26.483	0
"2013-10-15	19:00:00"	10.379	63.586	52.19	63.602	59.341	26.491	0
"2013-10-15	20:00:00"	9.2584	73.43	51.224	66.824	9.7413	26.518	0
"2013-10-15	21:00:00"	8.1549	79.475	50.538	69.083	0.15665	26.527	0
"2013-10-15	22:00:00"	7.7845	77.896	50.14	70.131	0.1522	26.55	0
"2013-10-15	23:00:00"	6.9525	80.471	49.985	69.51	0.14945	26.556	0
"2013-10-16	00:00:00"	6.5934	69.208	49.889	68.327	0.16344	26.55	0
"2013-10-16	01:00:00"	5.9962	81.786	50	66.893	0.14627	26.545	0
"2013-10-16	02:00:00"	4.879	75.444	49.835	66.391	0.14415	26.547	0
"2013-10-16	03:00:00"	3.8742	67.522	49.91	66.152	0.1734	26.547	0
"2013-10-16	04:00:00"	4.1532	84.949	50.006	65.941	0.14733	26.539	0
"2013-10-16	05:00:00"	4.7715	96.797	49.986	63.289	0.15941	26.542	0
"2013-10-16	06:00:00"	4.3776	77.28	50.035	62.905	0.15771	26.556	0
"2013-10-16	07:00:00"	6.8171	92.215	49.851	61.99	0.1664	26.556	0
"2013-10-16	08:00:00"	8.6215	79.789	49.556	61.864	0.35125	26.562	0
"2013-10-16	09:00:00"	8.5103	85.597	49.119	63.954	17.894	26.568	0
"2013-10-16	10:00:00"	8.8359	91.721	49.28	64.69	80.177	26.589	0
"2013-10-16	11:00:00"	9.2938	113.28	49.685	63.959	126.5	26.592	0
"2013-10-16	12:00:00"	8.1617	115.66	50.207	64.051	248.5	26.592	0
"2013-10-16	13:00:00"	5.5886	120.73	51.09	63.443	312.02	26.586	0
"2013-10-16	14:00:00"	4.5478	114.94	52.014	63.458	377.45	26.559	0
"2013-10-16	15:00:00"	3.0273	123.06	52.995	62.692	322.33	26.545	0
"2013-10-16	16:00:00"	2.8695	104.9	53.509	62.642	215.52	26.521	0
"2013-10-16	17:00:00"	3.6176	137.09	54.615	60.517	363.66	26.512	0
"2013-10-16	18:00:00"	2.2873	156.41	55.593	59.781	274.29	26.512	0
"2013-10-16	19:00:00"	2.0331	164.41	56.27	59.156	140.18	26.512	0
"2013-10-16	20:00:00"	1.4205	158.28	53.955	67.565	4.1847	26.524	0
"2013-10-16	21:00:00"	1.2881	82.377	51.534	75.97	0.15072	26.533	0
"2013-10-16	22:00:00"	1.8517	116.73	50.277	77.594	0.14457	26.547	0
"2013-10-16	23:00:00"	3.6195	130.59	50.811	75.198	0.18506	26.556	0
"2013-10-17	00:00:00"	3.2864	170.05	48.453	81.878	0.16874	26.542	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-17	01:00:00"	3.6593	171.37	47.204	85.597	0.131	26.533	0
"2013-10-17	02:00:00"	3.7655	169.27	46.796	86.501	0.10896	26.527	0
"2013-10-17	03:00:00"	3.3274	206.82	46.224	86.933	0.14224	26.524	0
"2013-10-17	04:00:00"	3.3821	203.75	45.715	87.617	0.11404	26.521	0
"2013-10-17	05:00:00"	3	220.21	45.416	88.208	0.10429	26.503	0
"2013-10-17	06:00:00"	1.9033	234.23	44.83	89.313	0.10217	26.5	0
"2013-10-17	07:00:00"	1.9741	196.47	45.19	89.352	0.12507	26.509	0.01
"2013-10-17	08:00:00"	1.4615	282.13	46.242	89.629	0.36291	26.515	0
"2013-10-17	09:00:00"	1.372	269.23	47.281	90.206	21.493	26.527	0
"2013-10-17	10:00:00"	3.8854	228.19	49.788	89.499	80.638	26.539	0
"2013-10-17	11:00:00"	4.646	227.22	51.682	90.136	157.11	26.539	0
"2013-10-17	12:00:00"	5.8129	220.81	53.275	89.379	210.12	26.533	0
"2013-10-17	13:00:00"	5.8744	208.37	53.954	86.696	224.68	26.512	0
"2013-10-17	14:00:00"	4.7634	189.04	56.618	79.568	422.88	26.483	0
"2013-10-17	15:00:00"	4.4515	169.88	60.909	69.825	666.15	26.45	0
"2013-10-17	16:00:00"	3.3983	151.85	64.951	60.328	670.8	26.426	0
"2013-10-17	17:00:00"	3.4113	173.79	68.416	53.345	527.15	26.403	0
"2013-10-17	18:00:00"	2.5936	169.02	70.747	46.078	338.15	26.388	0
"2013-10-17	19:00:00"	2.4588	183.47	70.611	44.681	133	26.376	0
"2013-10-17	20:00:00"	1.7771	163.69	66.269	54.968	3.4748	26.379	0
"2013-10-17	21:00:00"	3.3174	171.2	62.423	66.279	0.13037	26.391	0
"2013-10-17	22:00:00"	5.1232	159.83	60.03	75.073	0.11638	26.394	0
"2013-10-17	23:00:00"	5.8813	140.47	59.039	81.46	0.1486	26.391	0
"2013-10-18	00:00:00"	5.2947	154.6	57.849	85.677	0.09115	26.385	0
"2013-10-18	01:00:00"	5.0886	175.05	56.112	88.808	0.09935	26.373	0
"2013-10-18	02:00:00"	11.786	184.26	55.982	90.973	0.09158	26.37	0
"2013-10-18	03:00:00"	9.7872	180.94	56.257	91.695	0.07207	26.376	0
"2013-10-18	04:00:00"	8.1064	191.02	56.603	91.692	0.06699	26.367	0
"2013-10-18	05:00:00"	7.4782	191.42	57.03	90.551	0.10875	26.353	0
"2013-10-18	06:00:00"	7.0383	198.86	57.46	88.325	0.08818	26.364	0
"2013-10-18	07:00:00"	6.2473	217.85	57.577	86.343	0.11553	26.367	0
"2013-10-18	08:00:00"	5.1655	201.85	56.619	85.498	0.56599	26.367	0
"2013-10-18	09:00:00"	5.7123	207.25	55.565	87.077	33.819	26.379	0
"2013-10-18	10:00:00"	6.3001	221.4	55.479	85.788	138.4	26.403	0
"2013-10-18	11:00:00"	5.9707	291	57.134	79.296	335.75	26.418	0
"2013-10-18	12:00:00"	5.8079	302	59.883	69.259	616.41	26.412	0
"2013-10-18	13:00:00"	5.8807	283.18	63.535	55.391	734.94	26.4	0
"2013-10-18	14:00:00"	7.3881	302.14	67.562	42.122	787.08	26.385	0
"2013-10-18	15:00:00"	9.8798	322.69	72.647	25.261	767.63	26.37	0
"2013-10-18	16:00:00"	12.288	348.54	73.656	20.915	679.41	26.379	0
"2013-10-18	17:00:00"	16.128	16.781	71.28	24.584	525.4	26.409	0
"2013-10-18	18:00:00"	21.819	25.142	63.142	38.555	314.64	26.438	0
"2013-10-18	19:00:00"	21.941	23.479	53.533	52.095	116.92	26.477	0
"2013-10-18	20:00:00"	20.169	24.823	48.415	61.155	3.8178	26.515	0
"2013-10-18	21:00:00"	20.725	24.076	45.46	62.178	0.18527	26.556	0
"2013-10-18	22:00:00"	17.346	29.216	43.243	65.646	0.1469	26.583	0
"2013-10-18	23:00:00"	15.704	29.598	42.507	67.402	0.13588	26.604	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-19	00:00:00"	13.1	22.203	41.322	70.136	0.18527	26.618	0
"2013-10-19	01:00:00"	8.053	23.486	39.9	73.941	0.16322	26.645	0
"2013-10-19	02:00:00"	3.2249	324.69	37.82	80.161	0.17425	26.657	0
"2013-10-19	03:00:00"	3.9066	320.39	36.561	84.263	0.15135	26.654	0
"2013-10-19	04:00:00"	5.345	329.39	35.931	84.963	0.14987	26.639	0
"2013-10-19	05:00:00"	5.8744	327.44	35.723	84.775	0.17382	26.639	0
"2013-10-19	06:00:00"	4.8361	324.93	34.686	86.763	0.14478	26.639	0
"2013-10-19	07:00:00"	4.7156	323.36	34.312	86.667	0.17785	26.648	0
"2013-10-19	08:00:00"	3.9165	316.94	33.538	87.685	0.84368	26.648	0
"2013-10-19	09:00:00"	4.0526	313.86	35.13	86.151	70.2	26.654	0
"2013-10-19	10:00:00"	5.0126	302.05	40.937	70.856	248.56	26.666	0
"2013-10-19	11:00:00"	3.8525	263.45	46.124	50.762	455.52	26.657	0
"2013-10-19	12:00:00"	5.2177	198.41	50.088	42.816	629.48	26.636	0
"2013-10-19	13:00:00"	8.363	194.12	53.487	37.215	747.3	26.609	0
"2013-10-19	14:00:00"	9.7363	190.46	57.13	30.671	797.39	26.577	0
"2013-10-19	15:00:00"	10.959	192.49	59.312	27.73	775.72	26.545	0
"2013-10-19	16:00:00"	12.138	186.61	61.344	25.669	685.23	26.518	0
"2013-10-19	17:00:00"	12.081	187.47	62.827	26.141	535.24	26.5	0
"2013-10-19	18:00:00"	12.03	187.8	63.356	28.352	340.45	26.483	0
"2013-10-19	19:00:00"	11.345	188.83	62.377	32.165	129.23	26.468	0
"2013-10-19	20:00:00"	6.4741	173.59	57.901	41.168	3.0854	26.471	0
"2013-10-19	21:00:00"	6.4212	175.4	54.016	47.646	0.14203	26.468	0
"2013-10-19	22:00:00"	6.4504	177	51.437	54.393	0.16577	26.477	0
"2013-10-19	23:00:00"	3.2771	164.33	50.037	58.789	0.15241	26.477	0
"2013-10-20	00:00:00"	2.7477	164.59	49.193	60.273	0.13863	26.468	0
"2013-10-20	01:00:00"	3.8873	157.54	49.422	57.839	0.17382	26.447	0
"2013-10-20	02:00:00"	6.2087	193.96	49.416	56.874	0.17488	26.435	0
"2013-10-20	03:00:00"	4.2297	223.44	48.987	58.894	0.1681	26.432	0
"2013-10-20	04:00:00"	5.1984	218.97	48.286	61.469	0.11892	26.418	0
"2013-10-20	05:00:00"	6.9687	223.91	46.901	65.614	0.1681	26.403	0
"2013-10-20	06:00:00"	6.9886	224.29	45.46	70.766	0.18442	26.4	0
"2013-10-20	07:00:00"	4.7976	238.15	44.209	74.561	0.18485	26.391	0
"2013-10-20	08:00:00"	5.9894	226.76	44.641	75.875	0.80976	26.388	0
"2013-10-20	09:00:00"	4.746	230.27	44.573	77.43	67.855	26.4	0
"2013-10-20	10:00:00"	7.8784	222.6	47.679	76.483	246.48	26.406	0
"2013-10-20	11:00:00"	6.8755	218.99	54.682	64.264	452.72	26.403	0
"2013-10-20	12:00:00"	6.9904	222.71	61.864	46.264	625.27	26.394	0
"2013-10-20	13:00:00"	7.6627	240.96	70.408	26.757	743.85	26.376	0
"2013-10-20	14:00:00"	9.5741	228.32	73.469	21.888	793.53	26.347	0
"2013-10-20	15:00:00"	9.8984	231.24	75.727	18.86	770.63	26.311	0
"2013-10-20	16:00:00"	10.571	250.34	77.902	15.476	682.05	26.294	0
"2013-10-20	17:00:00"	11.296	255.79	78.668	13.624	532.09	26.282	0
"2013-10-20	18:00:00"	8.652	251.49	78.484	13.634	331.43	26.276	0
"2013-10-20	19:00:00"	4.4764	240.52	76.656	14.695	122.86	26.276	0
"2013-10-20	20:00:00"	3.6537	272.86	70.572	17.751	2.8706	26.291	0
"2013-10-20	21:00:00"	2.2494	234.17	66.075	20.376	0.11277	26.305	0
"2013-10-20	22:00:00"	3.3585	262.42	63.435	23.486	0.13736	26.311	0

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"2013-10-20	23:00:00"	3.3324	235.87	63.581	20.96	0.12655	26.317	0
"2013-10-21	00:00:00"	4.5652	204.23	60.132	25.914	0.13863	26.329	0
"2013-10-21	01:00:00"	6.5002	188.65	56.043	65.602	0.12231	26.338	0
"2013-10-21	02:00:00"	5.2953	226.06	54.384	80.627	0.11489	26.356	0
"2013-10-21	03:00:00"	5.8744	322.9	50.734	69.574	0.12443	26.379	0
"2013-10-21	04:00:00"	11.318	0.10829	49.649	50.884	0.19036	26.391	0
"2013-10-21	05:00:00"	15.479	7.6323	49.871	54.917	0.16089	26.397	0
"2013-10-21	06:00:00"	17.194	17.267	48.964	59.792	0.16662	26.415	0
"2013-10-21	07:00:00"	15.424	12.777	47.871	63.518	0.15157	26.45	0
"2013-10-21	08:00:00"	13.891	8.0052	47.017	64.85	0.66816	26.474	0
"2013-10-21	09:00:00"	16	12.545	47.593	62.137	61.029	26.497	0
"2013-10-21	10:00:00"	19.864	15.74	50.237	55.483	233.52	26.53	0
"2013-10-21	11:00:00"	18.101	25.813	53.72	49.402	433.16	26.556	0
"2013-10-21	12:00:00"	16.112	34.226	57.231	44.632	599.72	26.562	0
"2013-10-21	13:00:00"	14.566	38.487	59.795	41.497	713.18	26.565	0
"2013-10-21	14:00:00"	13.066	41.868	61.948	39.164	762.61	26.545	0
"2013-10-21	15:00:00"	11.204	40.691	63.416	37.301	742.21	26.527	0
"2013-10-21	16:00:00"	9.4051	40.032	64.357	35.886	629.46	26.524	0
"2013-10-21	17:00:00"	8.8284	35.356	65.072	34.946	500.57	26.527	0
"2013-10-21	18:00:00"	8.5631	44.743	64.669	34.727	312.07	26.53	0
"2013-10-21	19:00:00"	6.9569	52.281	63.392	36.174	109.55	26.542	0
"2013-10-21	20:00:00"	3.5965	67.758	59.101	43.514	2.6493	26.559	0
"2013-10-21	21:00:00"	3.7842	60.669	55.202	50.545	0.16047	26.574	0
"2013-10-21	22:00:00"	4.2552	67.945	53.479	54.013	0.12528	26.595	0
"2013-10-21	23:00:00"	5.2562	84.569	53.357	53.993	0.12888	26.612	0
"2013-10-22	00:00:00"	4.815	82.571	51.292	58.306	0.16004	26.618	0
"2013-10-22	01:00:00"	4.1135	81.587	49.941	60.531	0.14075	26.615	0
"2013-10-22	02:00:00"	4.0495	85.887	48.683	62.633	0.19269	26.615	0
"2013-10-22	03:00:00"	3.3206	100.78	47.137	65.498	0.18082	26.618	0
"2013-10-22	04:00:00"	3.7711	130.83	47.897	63.888	0.15411	26.612	0
"2013-10-22	05:00:00"	1.0744	19.542	44.934	71.551	0.17933	26.618	0
"2013-10-22	06:00:00"	1.1203	320.31	42.43	79.241	0.18167	26.618	0
"2013-10-22	07:00:00"	3.8923	264.92	44.36	74.152	0.14733	26.624	0
"2013-10-22	08:00:00"	2.6502	298.96	42.644	75.754	0.6529	26.639	0
"2013-10-22	09:00:00"	2.1785	285.18	42.095	79.65	61.759	26.654	0
"2013-10-22	10:00:00"	3.9799	241.2	48.92	67.745	234.07	26.674	0
"2013-10-22	11:00:00"	7.2228	218.09	54.219	54.513	437.54	26.674	0
"2013-10-22	12:00:00"	7.1072	225.67	58.969	48.267	608.07	26.669	0
"2013-10-22	13:00:00"	6.0994	220.4	62.857	41.659	724.15	26.654	0
"2013-10-22	14:00:00"	6.3082	222.14	65.718	35.266	773.62	26.627	0
"2013-10-22	15:00:00"	6.4144	208	67.466	30.788	753.31	26.601	0
"2013-10-22	16:00:00"	6.502	220.38	69.382	27.547	663.24	26.589	0
"2013-10-22	17:00:00"	5.1984	212.2	70.356	25.395	513.94	26.577	0
"2013-10-22	18:00:00"	4.7305	197.8	70.374	24.088	321.2	26.565	0
"2013-10-22	19:00:00"	4.5745	200.83	69.394	24.12	115.5	26.562	0
"2013-10-22	20:00:00"	3.0329	183.02	64.394	29.89	2.3439	26.577	0
"2013-10-22	21:00:00"	3.6008	183.81	61.099	32.63	0.14711	26.58	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-22	22:00:00"	5.2164	184.17	58.355	38.758	0.16598	26.586	0
"2013-10-22	23:00:00"	4.3583	188.33	56.741	40.646	0.1291	26.598	0
"2013-10-23	00:00:00"	3.6195	223.85	56.44	38.567	0.13249	26.601	0
"2013-10-23	01:00:00"	3.2947	209.05	55.089	38.95	0.167	26.595	0
"2013-10-23	02:00:00"	4.7827	200.88	54.52	37.178	0.19502	26.595	0
"2013-10-23	03:00:00"	5.3481	200.42	53.815	39.483	0.15474	26.592	0
"2013-10-23	04:00:00"	5.821	199.64	53.093	41.362	0.13418	26.577	0
"2013-10-23	05:00:00"	3.9227	205.01	52.607	43.649	0.14457	26.568	0
"2013-10-23	06:00:00"	3.8861	259.88	50.111	47.977	0.16068	26.574	0
"2013-10-23	07:00:00"	2.3749	282.03	47.642	53.882	0.14181	26.577	0
"2013-10-23	08:00:00"	2.8341	270.45	47.216	55.36	0.67685	26.586	0
"2013-10-23	09:00:00"	2.6216	262.43	46.88	59.418	62.146	26.595	0
"2013-10-23	10:00:00"	4.0165	207.99	54.005	48.264	235.46	26.607	0
"2013-10-23	11:00:00"	3.461	199.68	59.811	41.734	440.49	26.612	0
"2013-10-23	12:00:00"	6.0012	182.36	64.644	30.978	613.32	26.609	0
"2013-10-23	13:00:00"	8.1561	196.75	68.9	21.928	730.46	26.595	0
"2013-10-23	14:00:00"	10.253	193.63	71.667	18.744	780.22	26.565	0
"2013-10-23	15:00:00"	12.269	188.67	73.55	15.943	759.27	26.536	0
"2013-10-23	16:00:00"	11.968	189.11	74.657	14.364	669.79	26.527	0
"2013-10-23	17:00:00"	10.504	190.12	75.182	13.541	518.99	26.518	0
"2013-10-23	18:00:00"	9.6232	186.81	74.716	14.303	322.7	26.512	0
"2013-10-23	19:00:00"	8.455	171.29	72.437	17.338	114.34	26.509	0
"2013-10-23	20:00:00"	2.6576	168.8	65.741	25.948	1.9509	26.518	0
"2013-10-23	21:00:00"	5.0424	157.78	62.508	28.341	0.12719	26.536	0
"2013-10-23	22:00:00"	7.5851	146.46	60.737	30.12	0.14605	26.545	0
"2013-10-23	23:00:00"	3.6363	163.92	56.457	36.412	0.131	26.553	0
"2013-10-24	00:00:00"	2.7881	171.11	54.54	43.523	0.13355	26.553	0
"2013-10-24	01:00:00"	2.831	169.49	53.741	49.347	0.14118	26.553	0
"2013-10-24	02:00:00"	2.8863	173.6	53.296	51.73	0.15665	26.547	0
"2013-10-24	03:00:00"	3.4126	180.38	53.571	52.409	0.16704	26.553	0
"2013-10-24	04:00:00"	2.4954	241.71	53.981	52.512	0.16895	26.55	0
"2013-10-24	05:00:00"	0.91093	16.14	49.882	61.48	0.1664	26.545	0
"2013-10-24	06:00:00"	1.3732	10.19	44.573	71.698	0.16492	26.553	0
"2013-10-24	07:00:00"	1.8567	349.19	44.178	73.271	0.16301	26.562	0
"2013-10-24	08:00:00"	0.99047	348.68	43.868	74.408	0.48628	26.574	0
"2013-10-24	09:00:00"	2.8527	25.781	45.494	71.2	45.263	26.595	0
"2013-10-24	10:00:00"	5.8769	44.809	53.467	57.151	228.04	26.618	0
"2013-10-24	11:00:00"	5.3463	84.577	60.51	44.606	428.74	26.63	0
"2013-10-24	12:00:00"	7.4185	97.241	66.63	35.831	597.55	26.627	0
"2013-10-24	13:00:00"	9.3088	97.377	69.82	31.133	713.9	26.612	0
"2013-10-24	14:00:00"	9.8208	101.16	72.637	25.443	763.89	26.589	0
"2013-10-24	15:00:00"	9.8027	108.39	74.302	22.786	742.07	26.574	0
"2013-10-24	16:00:00"	10.044	107.98	74.679	22.238	648.07	26.568	0
"2013-10-24	17:00:00"	9.7586	111.63	75.05	21.058	498.29	26.562	0
"2013-10-24	18:00:00"	10.77	110.86	74.255	21.541	305	26.565	0
"2013-10-24	19:00:00"	9.4486	99.479	71.867	27.156	100.98	26.565	0
"2013-10-24	20:00:00"	6.2435	90.352	65.765	34.879	1.6626	26.583	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-24	21:00:00"	6.6642	97.42	61.096	41.175	0.1575	26.601	0
"2013-10-24	22:00:00"	9.5648	106.68	60.342	44.576	0.12825	26.621	0
"2013-10-24	23:00:00"	12.524	127.68	60.895	45.586	0.16004	26.636	0
"2013-10-25	00:00:00"	9.164	129.65	58.922	49.526	0.13439	26.639	0
"2013-10-25	01:00:00"	7.9859	120.32	56.826	53.289	0.15432	26.636	0
"2013-10-25	02:00:00"	6.0652	102.41	53.961	59.665	0.14351	26.636	0
"2013-10-25	03:00:00"	7.2228	82.959	51.249	66.091	0.13948	26.648	0
"2013-10-25	04:00:00"	9.0646	69.706	50.116	72.824	0.16322	26.645	0
"2013-10-25	05:00:00"	9.7276	73.41	50.223	76.62	0.16386	26.645	0
"2013-10-25	06:00:00"	10.82	75.382	49.644	78.9	0.15241	26.654	0
"2013-10-25	07:00:00"	10.163	70.051	48.813	80.315	0.13757	26.672	0
"2013-10-25	08:00:00"	10.311	67.817	47.728	82.429	0.68194	26.677	0
"2013-10-25	09:00:00"	12.712	75.109	46.932	83.509	24.12	26.666	0
"2013-10-25	10:00:00"	11.382	62.194	47.487	80.869	97.861	26.71	0
"2013-10-25	11:00:00"	10.653	30.603	50.914	72.926	350.31	26.76	0
"2013-10-25	12:00:00"	6.4181	4.3276	53.02	69.213	161.14	26.748	0
"2013-10-25	13:00:00"	9.1416	68.525	53.127	74.548	77.517	26.648	0.02
"2013-10-25	14:00:00"	12.132	93.289	55.609	73.88	357.26	26.66	0
"2013-10-25	15:00:00"	8.7377	124.4	60.571	65.479	404.6	26.642	0
"2013-10-25	16:00:00"	9.676	110.58	63.014	61.361	483.19	26.604	0
"2013-10-25	17:00:00"	13.523	141.32	65.915	54.093	458.09	26.601	0
"2013-10-25	18:00:00"	11.957	143.29	65.085	55.431	170.12	26.589	0
"2013-10-25	19:00:00"	8.4233	122.01	63.927	57.523	54.71	26.586	0
"2013-10-25	20:00:00"	6.7686	114.78	62.652	59.831	2.0361	26.595	0
"2013-10-25	21:00:00"	7.2968	130.12	60.858	61.951	0.14372	26.598	0
"2013-10-25	22:00:00"	7.5124	130.94	58.927	65.632	0.09666	26.612	0
"2013-10-25	23:00:00"	8.4805	142.11	57.492	69.106	0.14796	26.609	0
"2013-10-26	00:00:00"	7.147	136.17	56.801	71.524	0.14287	26.598	0
"2013-10-26	01:00:00"	6.9239	125.57	55.853	74.478	0.1274	26.583	0
"2013-10-26	02:00:00"	3.1354	23.887	52.129	81.47	0.09306	26.583	0
"2013-10-26	03:00:00"	2.0039	40.378	50.195	84.451	0.13334	26.586	0
"2013-10-26	04:00:00"	3.1547	16.62	48.505	88.436	0.10048	26.58	0
"2013-10-26	05:00:00"	4.7156	10.622	49.013	87.954	0.09136	26.562	0
"2013-10-26	06:00:00"	2.844	21.626	48.155	88.882	0.10578	26.553	0
"2013-10-26	07:00:00"	1.2514	135.87	47.372	90.145	0.07398	26.547	0
"2013-10-26	08:00:00"	2.9882	154.68	50.508	86.818	0.32475	26.547	0
"2013-10-26	09:00:00"	4.2073	185.74	50.975	85.966	55.841	26.577	0
"2013-10-26	10:00:00"	5.1282	269.74	52.684	83.769	206.77	26.612	0
"2013-10-26	11:00:00"	6.8015	345.2	57.656	74.421	375.46	26.618	0
"2013-10-26	12:00:00"	6.0459	332.27	60.196	68.934	561.3	26.612	0
"2013-10-26	13:00:00"	7.5907	304.49	64.545	59.694	681.37	26.604	0
"2013-10-26	14:00:00"	6.2137	304.04	68.613	49.652	732.11	26.583	0
"2013-10-26	15:00:00"	7.5149	304	72.587	38.454	715.25	26.556	0
"2013-10-26	16:00:00"	8.647	304.61	74.724	27.826	635.98	26.55	0
"2013-10-26	17:00:00"	10.283	325.35	74.953	27.093	488.05	26.55	0
"2013-10-26	18:00:00"	9.9972	344.87	73.501	29.036	297.09	26.556	0
"2013-10-26	19:00:00"	10.977	1.6578	71.319	32.133	94.461	26.571	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-26	20:00:00"	9.323	0.50342	66.35	36.606	1.4211	26.592	0
"2013-10-26	21:00:00"	7.5633	2.8141	61.891	43.094	0.15029	26.612	0
"2013-10-26	22:00:00"	8.8477	10.138	59.407	47.124	0.1363	26.63	0
"2013-10-26	23:00:00"	7.723	24.581	56.603	50.296	0.1611	26.639	0
"2013-10-27	00:00:00"	7.1066	26.013	54.018	54.103	0.12804	26.642	0
"2013-10-27	01:00:00"	4.9461	34.574	50.443	61.332	0.16937	26.633	0
"2013-10-27	02:00:00"	7.047	32.739	49.587	62.816	0.1734	26.621	0
"2013-10-27	03:00:00"	5.1244	19.831	47.331	66.884	0.16534	26.609	0
"2013-10-27	04:00:00"	5.89	5.8443	46.026	68.089	0.16344	26.604	0
"2013-10-27	05:00:00"	3.4741	326.46	43.658	72.273	0.16386	26.604	0
"2013-10-27	06:00:00"	4.4385	354.02	42.246	75.552	0.16153	26.592	0
"2013-10-27	07:00:00"	3.7282	356.81	41.742	75.906	0.20053	26.595	0
"2013-10-27	08:00:00"	4.9691	354.02	41.136	76.641	0.45279	26.589	0
"2013-10-27	09:00:00"	3.9196	322.94	42.292	73.224	52.352	26.604	0
"2013-10-27	10:00:00"	4.5963	285.87	46.648	64.632	214.26	26.63	0
"2013-10-27	11:00:00"	2.4258	258.28	53.28	47.279	414.29	26.621	0
"2013-10-27	12:00:00"	2.0164	139.8	58.272	37.407	579.92	26.598	0
"2013-10-27	13:00:00"	2.9956	181.78	61.072	35.515	705.9	26.574	0
"2013-10-27	14:00:00"	4.0308	213.64	63.87	31.699	758.34	26.539	0
"2013-10-27	15:00:00"	4.3204	193.31	66.126	27.023	736.56	26.497	0
"2013-10-27	16:00:00"	5.6414	196.16	68.082	26.308	639.89	26.471	0
"2013-10-27	17:00:00"	7.5758	190.9	69.278	27.057	456.12	26.453	0
"2013-10-27	18:00:00"	8.327	186.34	68.594	25.753	175.77	26.444	0
"2013-10-27	19:00:00"	7.2576	185.82	66.601	29.434	59.485	26.435	0
"2013-10-27	20:00:00"	1.3366	169.85	62.692	35.682	1.907	26.429	0
"2013-10-27	21:00:00"	3.279	164.29	60.428	40.813	0.15623	26.429	0
"2013-10-27	22:00:00"	7.6646	155.47	60.414	41.313	0.14457	26.432	0
"2013-10-27	23:00:00"	9.1503	148.92	59.31	47.494	0.15347	26.432	0
"2013-10-28	00:00:00"	7.5994	147.99	57.786	54.023	0.15962	26.426	0
"2013-10-28	01:00:00"	7.8237	150.23	57.977	59.728	0.14775	26.415	0
"2013-10-28	02:00:00"	7.4596	154.19	57.483	66.953	0.14075	26.403	0
"2013-10-28	03:00:00"	5.2307	155.55	56.132	73.846	0.14054	26.394	0
"2013-10-28	04:00:00"	3.791	154.43	55.235	80.772	0.13461	26.382	0
"2013-10-28	05:00:00"	3.4138	152.56	55.183	85.27	0.11044	26.382	0
"2013-10-28	06:00:00"	2.5091	159.45	54.139	88.283	0.09624	26.379	0
"2013-10-28	07:00:00"	2.593	149.24	55.242	90.33	0.0867	26.379	0
"2013-10-28	08:00:00"	1.1458	25.856	52.355	89.856	0.21113	26.391	0
"2013-10-28	09:00:00"	0.57104	14.709	50.474	91.029	34.976	26.409	0
"2013-10-28	10:00:00"	1.9002	90.715	55.694	90.056	164.11	26.42	0
"2013-10-28	11:00:00"	10.023	175.53	63.688	79.897	356.05	26.429	0
"2013-10-28	12:00:00"	13.408	185.19	68.17	67.661	557.54	26.423	0
"2013-10-28	13:00:00"	14.697	189.4	71.914	54.648	652.67	26.4	0
"2013-10-28	14:00:00"	13.701	203.65	74.888	44.017	700.2	26.382	0
"2013-10-28	15:00:00"	11.136	217.54	77.082	36.943	620.2	26.353	0
"2013-10-28	16:00:00"	10.411	199.7	78.873	29.857	617.67	26.341	0
"2013-10-28	17:00:00"	12.14	196.05	79.627	25.814	458.8	26.338	0
"2013-10-28	18:00:00"	11.785	191.8	78.625	25.046	212.46	26.347	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-28	19:00:00"	9.5461	169.88	75.982	31.031	57.315	26.353	0
"2013-10-28	20:00:00"	8.6799	150.58	72.385	46.692	0.45024	26.376	0
"2013-10-28	21:00:00"	11.438	149.96	70.687	59.845	0.10832	26.4	0
"2013-10-28	22:00:00"	12.87	164.23	68.352	70.456	0.11828	26.412	0
"2013-10-28	23:00:00"	11.59	175.34	66.389	79.56	0.10811	26.426	0
"2013-10-29	00:00:00"	9.3902	182.57	64.987	83.849	0.09539	26.429	0
"2013-10-29	01:00:00"	9.2334	184.98	64.818	86.2	0.08691	26.418	0
"2013-10-29	02:00:00"	10.602	182.09	64.405	87.926	0.1026	26.415	0
"2013-10-29	03:00:00"	12.869	184.45	64.824	88.341	0.11214	26.409	0
"2013-10-29	04:00:00"	13.658	184.08	64.761	88.916	0.09518	26.412	0
"2013-10-29	05:00:00"	12.648	179.54	64.726	89.237	0.08246	26.409	0
"2013-10-29	06:00:00"	12.79	181.35	64.358	89.647	0.10175	26.42	0
"2013-10-29	07:00:00"	10.308	191.83	64.13	89.391	0.10387	26.438	0
"2013-10-29	08:00:00"	12.503	178.39	63.69	88.996	0.14648	26.435	0
"2013-10-29	09:00:00"	11.491	172.64	63.569	88.777	21.547	26.444	0
"2013-10-29	10:00:00"	10.556	185.48	64.074	87.688	106.24	26.474	0
"2013-10-29	11:00:00"	12.377	191.57	65.636	82.882	244.43	26.477	0
"2013-10-29	12:00:00"	12.606	190.33	67.323	77.269	358.05	26.468	0
"2013-10-29	13:00:00"	11.208	185.38	70.202	65.783	422.16	26.45	0
"2013-10-29	14:00:00"	11.474	182.61	72.982	52.469	377.88	26.432	0
"2013-10-29	15:00:00"	11.718	186.7	75.092	38.726	438.91	26.409	0
"2013-10-29	16:00:00"	10.213	184.02	77.663	25.402	467.14	26.391	0
"2013-10-29	17:00:00"	10.236	167.28	79.339	20.629	469.17	26.391	0
"2013-10-29	18:00:00"	9.5952	174.35	79.151	24.536	315.64	26.385	0
"2013-10-29	19:00:00"	8.724	161.93	76.499	28.565	66.747	26.391	0
"2013-10-29	20:00:00"	3.5735	141.57	71.221	42.515	0.69614	26.403	0
"2013-10-29	21:00:00"	6.8009	132.67	69.968	54.533	0.10302	26.409	0
"2013-10-29	22:00:00"	9.9245	144.97	68.5	73.685	0.11404	26.406	0
"2013-10-29	23:00:00"	8.6569	147.56	67.154	78.832	0.11468	26.409	0
"2013-10-30	00:00:00"	11.928	152.34	66.432	81.963	0.09899	26.385	0
"2013-10-30	01:00:00"	14.024	161.42	66.365	84.531	0.08522	26.382	0
"2013-10-30	02:00:00"	13.923	174.69	66.295	86.087	0.09475	26.373	0
"2013-10-30	03:00:00"	14.802	180.28	66.248	86.529	0.10175	26.373	0
"2013-10-30	04:00:00"	15.253	187.43	66.449	85.97	0.11277	26.361	0
"2013-10-30	05:00:00"	14.093	189.74	66.088	86.907	0.06953	26.358	0
"2013-10-30	06:00:00"	11.965	191.7	65.526	88.563	0.08098	26.361	0
"2013-10-30	07:00:00"	9.0571	204.19	64.85	89.28	0.10578	26.379	0
"2013-10-30	08:00:00"	5.6371	204.25	64.208	90.109	0.0903	26.379	0
"2013-10-30	09:00:00"	7.3409	194.58	63.6	90.897	21.55	26.409	0
"2013-10-30	10:00:00"	4.7684	210.89	63.823	90.521	101.44	26.418	0
"2013-10-30	11:00:00"	4.4055	236.03	65.923	78.401	160.95	26.415	0
"2013-10-30	12:00:00"	5.5718	222.37	68.914	52.458	244.24	26.42	0
"2013-10-30	13:00:00"	5.0816	231.82	69.974	48.655	257.87	26.391	0
"2013-10-30	14:00:00"	7.636	191.15	71.064	43.866	311.14	26.358	0
"2013-10-30	15:00:00"	10.051	213.96	74.494	34.05	392.38	26.32	0
"2013-10-30	16:00:00"	12.085	200.9	75.298	31.081	322.88	26.302	0
"2013-10-30	17:00:00"	13.773	190.06	74.691	31.287	214.11	26.291	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-10-30	18:00:00"	12.021	189.04	73.414	36.717	97.68	26.273	0
"2013-10-30	19:00:00"	10.921	265.33	66.428	58.137	5.4489	26.299	0.06
"2013-10-30	20:00:00"	5.5557	304.01	60.157	81.028	0.10345	26.326	0.02
"2013-10-30	21:00:00"	5.5787	267.47	60.453	79.759	0.08437	26.317	0.02
"2013-10-30	22:00:00"	5.7663	216.91	60.195	80.346	0.09391	26.296	0.01
"2013-10-30	23:00:00"	7.984	218.79	60.823	77.888	0.11426	26.305	0
"2013-10-31	00:00:00"	6.9612	233.51	60.857	75.126	0.13228	26.311	0
"2013-10-31	01:00:00"	6.686	228.94	60.316	74.583	0.12641	26.305	0
"2013-10-31	02:00:00"	7.2328	223.73	59.647	75.545	0.12994	26.326	0
"2013-10-31	03:00:00"	7.4074	309.68	56.677	72.381	0.14309	26.347	0
"2013-10-31	04:00:00"	7.6404	316.71	53.362	57.053	0.15686	26.361	0
"2013-10-31	05:00:00"	7.0165	315.93	50.003	53.067	0.13779	26.364	0
"2013-10-31	06:00:00"	9.8841	302.13	49.062	50.486	0.13185	26.37	0
"2013-10-31	07:00:00"	10.056	305.59	46.51	54.048	0.15983	26.385	0
"2013-10-31	08:00:00"	9.0235	303.3	44.997	56.042	0.29508	26.4	0
"2013-10-31	09:00:00"	8.6153	301.38	44.248	58.065	48.053	26.423	0
"2013-10-31	10:00:00"	12.223	313.49	49.549	48.045	207.41	26.459	0
"2013-10-31	11:00:00"	16.709	312.94	56.298	37.192	408.73	26.459	0
"2013-10-31	12:00:00"	20.324	312.73	59.197	31.708	581.94	26.447	0
"2013-10-31	13:00:00"	18.439	312.5	61.817	27.294	698.07	26.435	0
"2013-10-31	14:00:00"	16.066	308.63	63.777	24.061	747.52	26.409	0
"2013-10-31	15:00:00"	14.076	297.38	65.649	21.78	724.84	26.382	0
"2013-10-31	16:00:00"	12.056	285.73	66.765	19.121	637	26.364	0
"2013-10-31	17:00:00"	9.5175	280.17	67.46	17.748	484.91	26.353	0
"2013-10-31	18:00:00"	8.0853	255.99	67.824	17.352	290.25	26.344	0
"2013-10-31	19:00:00"	7.1507	233	66.194	19.835	87.435	26.335	0
"2013-10-31	20:00:00"	6.3821	189.12	62.5	24.459	1.0084	26.335	0
"2013-10-31	21:00:00"	4.7653	205.4	59.86	27.381	0.13143	26.341	0
"2013-10-31	22:00:00"	3.5406	250.97	54.21	38.465	0.15072	26.338	0
"2013-10-31	23:00:00"	2.4004	244.1	51.65	42.933	0.15284	26.344	0
"2013-11-01	00:00:00"	3.617	264.74	50.487	42.977	0.16746	26.361	0
"2013-11-01	01:00:00"	4.1066	287	49.998	40.331	0.16916	26.361	0
"2013-11-01	02:00:00"	3.5555	260.41	49.449	39.338	0.17912	26.358	0
"2013-11-01	03:00:00"	3.525	255.12	49.705	40.321	0.15241	26.353	0
"2013-11-01	04:00:00"	7.0258	307.3	48.45	41.464	0.12676	26.364	0
"2013-11-01	05:00:00"	8.1406	312.24	47.747	39.897	0.17976	26.367	0
"2013-11-01	06:00:00"	9.5822	310.13	48.573	41.165	0.18061	26.376	0
"2013-11-01	07:00:00"	14.299	313.58	52.761	37.678	0.14542	26.388	0
"2013-11-01	08:00:00"	15.944	310.32	52.444	37.949	0.27642	26.4	0
"2013-11-01	09:00:00"	14.948	310.68	52.034	38.831	45.551	26.426	0
"2013-11-01	10:00:00"	14.341	305.39	53.784	37.479	203.63	26.462	0
"2013-11-01	11:00:00"	14.231	310.1	57.667	32.687	402.73	26.477	0
"2013-11-01	12:00:00"	14.273	312.12	61.714	26.842	572.35	26.485	0
"2013-11-01	13:00:00"	16.188	332.89	64.677	22.287	688.63	26.485	0
"2013-11-01	14:00:00"	15.15	350.05	66.586	19.99	735.5	26.48	0
"2013-11-01	15:00:00"	13.098	359.83	67.298	18.69	712.3	26.474	0
"2013-11-01	16:00:00"	11.18	5.611	67.851	17.68	623.32	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-01	17:00:00"	9.5536	4.7072	68.308	17.218	472.56	26.488	0
"2013-11-01	18:00:00"	7.582	357.12	68.012	16.804	279.3	26.5	0
"2013-11-01	19:00:00"	5.1543	13.863	65.803	19.646	82.4	26.521	0
"2013-11-01	20:00:00"	2.8589	40.839	57.291	30.749	0.88501	26.539	0
"2013-11-01	21:00:00"	3.5337	48.132	53.671	36.319	0.13927	26.571	0
"2013-11-01	22:00:00"	4.5776	76.691	55.055	34.562	0.14012	26.595	0
"2013-11-01	23:00:00"	4.3521	72.799	52.538	39.593	0.14118	26.615	0
"2013-11-02	00:00:00"	5.2021	77.889	50.648	43.471	0.16662	26.63	0
"2013-11-02	01:00:00"	5.7241	82.872	50.413	43.528	0.1611	26.639	0
"2013-11-02	02:00:00"	6.3274	71.478	48.636	46.395	0.18951	26.657	0
"2013-11-02	03:00:00"	6.7729	67.134	47.997	46.935	0.15983	26.669	0
"2013-11-02	04:00:00"	5.3637	52.406	42.684	59.074	0.14902	26.669	0
"2013-11-02	05:00:00"	5.7874	49.131	41.441	63.304	0.19099	26.677	0
"2013-11-02	06:00:00"	3.7779	40.604	39.809	68.438	0.15263	0.26666	0
"2013-11-02	07:00:00"	2.8738	45.067	38.929	70.617	0.16089	26.698	0
"2013-11-02	08:00:00"	1.157	46.098	37.876	72.535	0.29571	26.713	0
"2013-11-02	09:00:00"	1.0731	359.48	38.873	70.624	42.186	26.734	0
"2013-11-02	10:00:00"	3.9146	88.313	47.878	51.633	196.38	26.76	0
"2013-11-02	11:00:00"	9.2721	133.94	54.002	37.738	394.3	26.76	0
"2013-11-02	12:00:00"	11.737	148.43	57.556	30.226	564.37	26.748	0
"2013-11-02	13:00:00"	12.736	165.28	59.946	27.129	680.09	26.722	0
"2013-11-02	14:00:00"	12.394	171.79	62.22	25.956	730.07	26.686	0
"2013-11-02	15:00:00"	12.445	181.9	63.846	24.263	710.49	26.645	0
"2013-11-02	16:00:00"	11.357	175.75	65.191	23.185	621.99	26.621	0
"2013-11-02	17:00:00"	10.396	179.12	65.707	21.906	473.26	26.607	0
"2013-11-02	18:00:00"	10.572	177.68	65.604	21.523	280.29	26.598	0
"2013-11-02	19:00:00"	7.3023	177.01	63.51	24.146	81.209	26.589	0
"2013-11-02	20:00:00"	5.0946	151.03	59.245	29.016	0.77945	26.58	0
"2013-11-02	21:00:00"	7.8423	138.69	57.602	29.741	0.18124	26.589	0
"2013-11-02	22:00:00"	8.9372	154.23	54.84	32.634	0.14415	26.583	0
"2013-11-02	23:00:00"	9.4013	151.55	53.032	35.717	0.15771	26.571	0
"2013-11-03	00:00:00"	6.8686	156.33	51.317	38.828	0.17319	26.559	0
"2013-11-03	01:00:00"	3.5219	168.98	47.901	44.369	0.21092	26.542	0
"2013-11-03	02:00:00"	3.2019	175.2	46.838	45.939	0.17891	26.521	0
"2013-11-03	03:00:00"	4.5043	179.12	46.555	47.894	0.1893	26.503	0
"2013-11-03	04:00:00"	3.7139	182.33	45.697	49.087	0.13757	26.483	0
"2013-11-03	05:00:00"	5.3836	175.77	44.802	54.458	0.19841	26.456	0
"2013-11-03	06:00:00"	6.1068	158.02	46.181	52.926	0.14203	26.432	0
"2013-11-03	07:00:00"	2.4333	118.03	44.325	56.823	0.17361	26.435	0
"2013-11-03	08:00:00"	5.2456	171.55	45.932	54.469	0.18315	26.418	0
"2013-11-03	09:00:00"	9.7487	173.99	49.81	45.637	14.461	26.429	0
"2013-11-03	10:00:00"	11.464	177.15	51.458	43.144	84.03	26.435	0
"2013-11-03	11:00:00"	15.889	183.49	53.834	40.329	243.72	26.426	0
"2013-11-03	12:00:00"	17.454	184.39	57.236	36.296	382.2	26.403	0
"2013-11-03	13:00:00"	16.003	184.26	59.144	34.499	301.91	26.4	0
"2013-11-03	14:00:00"	17.126	184.26	59.979	36.173	370.13	26.356	0
"2013-11-03	15:00:00"	15.8	180.15	62.158	37.851	372.15	26.329	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-03	16:00:00"	13.876	178.93	61.164	43.152	266.89	26.311	0
"2013-11-03	17:00:00"	14.748	160.59	60.678	45.297	292.43	26.296	0
"2013-11-03	18:00:00"	15.857	165.64	59.006	49.096	233.74	26.296	0
"2013-11-03	19:00:00"	14.774	172.26	56.141	55.953	39.994	26.296	0
"2013-11-03	20:00:00"	12.923	170.82	53.188	63.239	0.87399	26.305	0
"2013-11-03	21:00:00"	11.217	168.79	51.263	69.94	0.17806	26.311	0
"2013-11-03	22:00:00"	10.369	169.87	49.989	74.555	0.17425	26.317	0
"2013-11-03	23:00:00"	11.207	177.9	49.747	78.182	0.15241	26.323	0
"2013-11-04	00:00:00"	11.359	182.67	49.819	78.087	0.138	26.323	0
"2013-11-04	01:00:00"	8.1313	183.73	48.978	78.331	0.16958	26.317	0
"2013-11-04	01:00:00"	7.706	192.59	48.548	78.598	0.1596	26.308	0
"2013-11-04	02:00:00"	7.4788	189.1	47.52	80.396	0.14881	26.32	0
"2013-11-04	03:00:00"	6	199.96	47.567	79.817	0.15263	26.308	0
"2013-11-04	04:00:00"	4.9505	221.24	47.015	80.308	0.15305	26.314	0
"2013-11-04	05:00:00"	2.8546	249.94	45.652	83.978	0.14902	26.314	0
"2013-11-04	06:00:00"	3.3467	241.75	46.062	83.809	0.14754	26.314	0
"2013-11-04	07:00:00"	5.7321	213.88	47.612	81.767	0.18591	26.329	0
"2013-11-04	08:00:00"	4.9853	212.53	47.31	82.488	37.675	26.353	0
"2013-11-04	09:00:00"	5.4047	214.45	50.276	79.909	226.07	26.373	0
"2013-11-04	10:00:00"	5.286	202.98	56.243	70.752	374.84	26.397	0
"2013-11-04	11:00:00"	6.4933	208.5	61.007	62.802	548.46	26.397	0
"2013-11-04	12:00:00"	6.6375	208.35	64.076	56.73	548.99	26.382	0
"2013-11-04	13:00:00"	5.7918	181.25	68.072	48.331	741.6	26.356	0
"2013-11-04	14:00:00"	5.4519	157.09	71.019	41.008	675.25	26.326	0
"2013-11-04	15:00:00"	5.9987	149.07	72.102	39.483	583.79	26.311	0
"2013-11-04	16:00:00"	7.1799	151.88	71.832	39.062	248.15	26.305	0
"2013-11-04	17:00:00"	10.351	149.17	71.66	40.278	210.92	26.308	0
"2013-11-04	18:00:00"	9.2516	134.5	69.631	43.766	39.032	26.311	0
"2013-11-04	19:00:00"	10.71	131.74	66.174	55.207	0.48819	26.323	0
"2013-11-04	20:00:00"	11.899	137.64	63.424	64.046	0.13885	26.338	0
"2013-11-04	21:00:00"	13.853	140.69	61.573	68.449	0.12274	26.347	0
"2013-11-04	22:00:00"	12.89	144.31	59.316	68.677	0.1257	26.353	0
"2013-11-04	23:00:00"	13.402	151.68	57.728	72.452	0.14075	26.353	0
"2013-11-05	00:00:00"	13.654	154.4	57.319	77.996	0.13418	26.341	0
"2013-11-05	01:00:00"	13.725	163.43	56.658	79.778	0.11362	26.332	0
"2013-11-05	02:00:00"	12.023	167.07	55.395	82.365	0.14775	26.332	0
"2013-11-05	03:00:00"	10.767	172.87	54.326	85.121	0.15623	26.326	0
"2013-11-05	04:00:00"	9.5728	173.69	54.131	87.576	0.13355	26.329	0
"2013-11-05	05:00:00"	12.359	178.6	54.931	88.145	0.1079	26.326	0
"2013-11-05	06:00:00"	11.603	169.88	54.966	88.387	0.12083	26.329	0
"2013-11-05	07:00:00"	8.9303	183.39	54.612	88.565	0.11765	26.338	0
"2013-11-05	08:00:00"	8.9316	184.34	54.403	88.87	16.057	26.356	0
"2013-11-05	09:00:00"	9.6182	187.7	54.978	87.649	90.878	26.382	0
"2013-11-05	10:00:00"	11.055	188.98	58.408	79.096	353.01	26.394	0
"2013-11-05	11:00:00"	10.115	195.11	62.311	68.959	440.04	26.394	0
"2013-11-05	12:00:00"	9.4063	225.82	66.893	55.971	634.45	26.385	0
"2013-11-05	13:00:00"	11.723	255.54	71.57	34.454	520.41	26.361	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-05	14:00:00"	12.024	257.46	73.233	28.735	574.45	26.347	0
"2013-11-05	15:00:00"	10.424	250.69	73.585	29.448	564.65	26.338	0
"2013-11-05	16:00:00"	10.172	238.62	74.121	27.92	454.78	26.344	0
"2013-11-05	17:00:00"	9.7356	262.82	73.042	26.45	255.22	26.361	0
"2013-11-05	18:00:00"	8.2114	268.89	70.16	24.84	60.302	26.379	0
"2013-11-05	19:00:00"	5.1897	285.69	66.126	28.561	0.50833	26.4	0
"2013-11-05	20:00:00"	3.4424	309	60.138	36.62	0.10641	26.418	0
"2013-11-05	21:00:00"	5.3972	305.71	59.994	38.44	0.11913	26.444	0
"2013-11-05	22:00:00"	8.8831	331.73	61.479	37.289	0.1734	26.474	0
"2013-11-05	23:00:00"	9.9158	348.04	60.718	38.555	0.14287	26.485	0
"2013-11-06	00:00:00"	16.449	355.99	59.385	34.698	0.1168	26.515	0
"2013-11-06	01:00:00"	15.306	13.591	53.53	50.951	0.15114	26.545	0
"2013-11-06	02:00:00"	11.916	22.527	48.431	66.195	0.1327	26.589	0
"2013-11-06	03:00:00"	8.4053	32.567	46.701	70.713	0.13291	26.598	0
"2013-11-06	04:00:00"	9.9295	27.976	45.467	62.614	0.16874	26.607	0
"2013-11-06	05:00:00"	10.383	359.2	44.191	61.398	0.16556	26.618	0
"2013-11-06	06:00:00"	10.059	355.84	41.332	62.866	0.18421	26.645	0
"2013-11-06	07:00:00"	10.696	2.5624	39.774	62.188	0.21092	26.663	0
"2013-11-06	08:00:00"	10.231	359.86	38.547	64.415	33.96	26.695	0
"2013-11-06	09:00:00"	13.132	6.5433	40.501	55.086	183.92	26.728	0
"2013-11-06	10:00:00"	12.074	9.5566	44.954	37.632	378.24	26.742	0
"2013-11-06	11:00:00"	8.8104	20.005	49.369	27.825	548.25	26.748	0
"2013-11-06	12:00:00"	6.9649	30.7	52.627	23.496	665.71	26.739	0
"2013-11-06	13:00:00"	6.6431	11.539	55.154	21.299	716.86	26.722	0
"2013-11-06	14:00:00"	6.7568	349.85	57.44	19.91	699.69	26.707	0
"2013-11-06	15:00:00"	5.506	322.88	58.963	18.631	611.89	26.692	0
"2013-11-06	16:00:00"	4.4962	291.38	60.112	17.574	461.61	26.695	0
"2013-11-06	17:00:00"	3.3635	314.63	60.756	16.896	269.07	26.698	0
"2013-11-06	18:00:00"	1.5404	217.38	59.768	17.584	73.63	26.698	0
"2013-11-06	19:00:00"	1.6013	165.55	54.533	23.366	0.62534	26.71	0
"2013-11-06	20:00:00"	1.8523	123.59	49.649	30.365	0.16174	26.719	0
"2013-11-06	21:00:00"	1.8001	124.56	48.747	30.514	0.14097	26.731	0
"2013-11-06	22:00:00"	3.5083	135.16	48.952	28.472	0.16471	26.742	0
"2013-11-06	23:00:00"	2.0648	174.62	46.3	31	0.19099	26.748	0
"2013-11-07	00:00:00"	1.5932	291.03	42.674	35.851	0.2018	26.754	0
"2013-11-07	01:00:00"	1.4633	334.51	40.002	42.213	0.15983	26.76	0
"2013-11-07	02:00:00"	0.76304	36.135	41.127	38.34	0.17064	26.766	0
"2013-11-07	03:00:00"	1.2751	183.43	43.346	34.487	0.17891	26.775	0
"2013-11-07	04:00:00"	1.8554	236.08	42.078	36.221	0.20159	26.784	0
"2013-11-07	05:00:00"	2.685	219.03	43.346	35.266	0.17488	26.79	0
"2013-11-07	06:00:00"	2.1114	230.61	42.114	37.635	0.1575	26.804	0
"2013-11-07	07:00:00"	1.0973	200.55	40	41.651	0.18336	26.819	0
"2013-11-07	08:00:00"	0.86868	191.83	39.447	43.487	19.589	26.834	0
"2013-11-07	09:00:00"	1.9219	165.29	42.005	43.637	122.44	26.855	0
"2013-11-07	10:00:00"	5.9086	175.69	47.341	39.009	291.76	26.866	0
"2013-11-07	11:00:00"	9.4622	182.28	50.393	36.58	392.43	26.869	0
"2013-11-07	12:00:00"	8.7663	184.31	53.117	31.829	504.07	26.855	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-07	13:00:00"	7.8392	172.51	56.981	24.353	592.46	26.828	0
"2013-11-07	14:00:00"	8.066	148.24	58.902	22.256	551.19	26.796	0
"2013-11-07	15:00:00"	10.685	160.51	60.422	20.273	454.69	26.778	0
"2013-11-07	16:00:00"	11.074	152.43	60.169	19.151	274.75	26.76	0
"2013-11-07	17:00:00"	10.879	147.15	58.894	19.956	155.85	26.763	0
"2013-11-07	18:00:00"	9.1068	145.91	56.53	22.626	34.359	26.76	0
"2013-11-07	19:00:00"	6.9836	141.03	53.174	26.268	0.77521	26.757	0
"2013-11-07	20:00:00"	7.9461	146.8	51.959	27.537	0.15856	26.757	0
"2013-11-07	21:00:00"	8.5115	144.35	50.026	28.148	0.17022	26.751	0
"2013-11-07	22:00:00"	7.8864	143.51	48.487	31.111	0.17213	26.748	0
"2013-11-07	23:00:00"	7.4204	152.18	47.089	33.519	0.21007	26.742	0
"2013-11-08	00:00:00"	3.9171	151.72	45.491	36.445	0.19375	26.728	0
"2013-11-08	01:00:00"	3.3237	147.41	44.909	38.394	0.17997	26.71	0
"2013-11-08	02:00:00"	4.5621	143.79	43.932	40.476	0.19651	26.698	0
"2013-11-08	03:00:00"	5.6228	133.46	44.199	40.944	0.21452	26.68	0
"2013-11-08	04:00:00"	5.6352	137.54	44.15	41.622	0.16407	26.669	0
"2013-11-08	05:00:00"	6.3293	140.73	44.531	40.857	0.19142	26.648	0
"2013-11-08	06:00:00"	5.844	166.23	44.158	40.464	0.15962	26.648	0
"2013-11-08	07:00:00"	4.7417	179.65	44.311	40.402	0.17361	26.645	0
"2013-11-08	08:00:00"	4.3608	216.08	44.814	38.338	17.266	26.651	0
"2013-11-08	09:00:00"	7.101	189.56	46.707	36.735	81.372	26.654	0
"2013-11-08	10:00:00"	12.943	184.42	50.857	32.033	317.1	26.654	0
"2013-11-08	11:00:00"	14.326	185.86	52.939	29.681	305.21	26.624	0
"2013-11-08	12:00:00"	14.516	185.59	54.505	30.404	361.75	26.604	0
"2013-11-08	13:00:00"	16.443	185.42	56.723	29.667	549.37	26.568	0
"2013-11-08	14:00:00"	17.873	177.36	56.401	39.952	468.49	26.539	0
"2013-11-08	15:00:00"	18.703	179.83	55.359	56.807	317.92	26.518	0
"2013-11-08	16:00:00"	16.497	182.83	55.564	63.229	310.95	26.506	0
"2013-11-08	17:00:00"	16.514	179.86	55.694	62.855	268.86	26.488	0
"2013-11-08	18:00:00"	13.266	181.82	53.836	66.308	80.163	26.485	0
"2013-11-08	19:00:00"	9.1932	173.42	50.21	73.506	0.54606	26.488	0
"2013-11-08	20:00:00"	9.1621	175.44	47.644	78.415	0.138	26.485	0
"2013-11-08	21:00:00"	9.3038	176.81	45.299	83.035	0.13927	26.485	0
"2013-11-08	22:00:00"	8.1623	186.84	43.685	87.267	0.13079	26.48	0
"2013-11-08	23:00:00"	9.2702	194.21	42.8	89.611	0.12252	26.474	0
"2013-11-09	00:00:00"	6.5803	204.25	42.294	90.692	0.11595	26.474	0
"2013-11-09	01:00:00"	7.0917	217.76	42.602	91.823	0.09518	26.465	0
"2013-11-09	02:00:00"	7.8864	218.01	42.869	92.497	0.09815	26.456	0
"2013-11-09	03:00:00"	8.5209	222.06	42.654	92.831	0.07313	26.45	0
"2013-11-09	04:00:00"	7.3011	223.14	42.111	92.955	0.09454	26.444	0
"2013-11-09	05:00:00"	8.1269	222.69	41.585	93.112	0.0973	26.453	0
"2013-11-09	06:00:00"	5.9739	226.9	40.819	93.271	0.08076	26.462	0
"2013-11-09	07:00:00"	7.4999	232.33	39.763	93.398	0.09242	26.471	0
"2013-11-09	08:00:00"	5.0996	229.21	38.947	93.552	25.694	26.483	0
"2013-11-09	09:00:00"	4.4583	238.27	41.202	93.475	160.68	26.503	0
"2013-11-09	10:00:00"	5.4476	234.9	46.68	92.629	339.29	26.509	0
"2013-11-09	11:00:00"	6.049	229.38	53.664	71.817	514.01	26.512	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-09	12:00:00"	7.6224	234.28	66.054	45.016	634.68	26.506	0
"2013-11-09	13:00:00"	10.003	279.98	72.562	24.173	682.55	26.488	0
"2013-11-09	14:00:00"	8.816	268.56	74.676	21.409	664.92	26.471	0
"2013-11-09	15:00:00"	10.386	276.43	75.815	17.833	583.38	26.468	0
"2013-11-09	16:00:00"	9.4784	280.47	76.205	16.065	439.08	26.474	0
"2013-11-09	17:00:00"	6.5791	269.95	75.835	15.078	253.3	26.485	0
"2013-11-09	18:00:00"	3.1566	249.77	73.064	16.589	64.947	26.494	0
"2013-11-09	19:00:00"	2.7564	236.91	67.685	19.995	0.42036	26.509	0
"2013-11-09	20:00:00"	2.9354	274.44	63.907	23.491	0.10366	26.524	0
"2013-11-09	21:00:00"	4.0936	351.6	56.954	30.761	0.14287	26.545	0
"2013-11-09	22:00:00"	5.665	27.157	53.37	38.205	0.14436	26.553	0
"2013-11-09	23:00:00"	7.3931	24.394	51.778	42.717	0.14203	26.571	0
"2013-11-10	00:00:00"	6.4591	35.218	48.865	50.127	0.13948	26.577	0
"2013-11-10	01:00:00"	5.3587	30.263	45.333	60.715	0.16132	26.58	0
"2013-11-10	02:00:00"	7.472	14.949	45.404	68.058	0.18124	26.586	0
"2013-11-10	03:00:00"	8.2077	18.847	45.356	71.88	0.18697	26.58	0
"2013-11-10	04:00:00"	9.868	22.564	45.124	74.044	0.15135	26.592	0
"2013-11-10	05:00:00"	9.333	24.116	43.957	76.919	0.12401	26.595	0
"2013-11-10	06:00:00"	10.948	19.622	43.335	77.943	0.13355	26.615	0
"2013-11-10	07:00:00"	10.528	21.535	42.347	79.359	0.15686	26.633	0
"2013-11-10	08:00:00"	11.525	21.841	42.462	79.444	29.401	26.645	0
"2013-11-10	09:00:00"	12.597	34.667	46.245	74.372	167.11	26.674	0
"2013-11-10	10:00:00"	9.5989	40.678	52.027	66.434	351.65	26.695	0
"2013-11-10	11:00:00"	8.3649	63.164	57.616	58.155	515.25	26.698	0
"2013-11-10	12:00:00"	5.8061	70.4	61.781	50.656	626.86	26.677	0
"2013-11-10	13:00:00"	4.7367	79.008	65.165	42.889	676.57	26.654	0
"2013-11-10	14:00:00"	3.4635	73.274	68.001	36.738	657.13	26.63	0
"2013-11-10	15:00:00"	4.0781	140.4	70.275	32.64	573.21	26.621	0
"2013-11-10	16:00:00"	3.6829	130.39	71.617	29.298	427.84	26.612	0
"2013-11-10	17:00:00"	4.4906	137.7	71.831	27.131	245.11	26.609	0
"2013-11-10	18:00:00"	3.4436	120.76	70.072	29.879	60.672	26.612	0
"2013-11-10	19:00:00"	3.5387	97.318	63.621	40.469	0.35061	26.621	0
"2013-11-10	20:00:00"	6.2485	121.21	61.152	46.423	0.13164	26.633	0
"2013-11-10	21:00:00"	8.2462	147.87	59.242	49.586	0.12634	26.639	0
"2013-11-10	22:00:00"	6.8195	159.92	55.531	61.621	0.12719	26.648	0
"2013-11-10	23:00:00"	7.3092	159.49	53.961	73.934	0.12804	26.645	0
"2013-11-11	00:00:00"	6.8537	160.22	52.376	83.241	0.09963	26.642	0
"2013-11-11	01:00:00"	3.256	177.2	50.728	88.508	0.07843	26.63	0
"2013-11-11	02:00:00"	5.4681	195.58	51.899	90.6	0.08288	26.621	0
"2013-11-11	03:00:00"	3.0801	184.45	49.572	91.778	0.0903	26.612	0
"2013-11-11	04:00:00"	4.0433	193.29	50.929	92.273	0.0956	26.607	0
"2013-11-11	05:00:00"	3.8537	162.43	50.381	92.55	0.10959	26.609	0
"2013-11-11	06:00:00"	7.2905	176.24	52.253	92.8	0.09221	26.621	0
"2013-11-11	07:00:00"	8.5625	183.14	52.837	92.848	0.08734	26.633	0
"2013-11-11	08:00:00"	7.7771	186.17	52.644	92.852	5.8545	26.651	0
"2013-11-11	09:00:00"	6.5592	188.33	52.626	92.848	42.418	26.666	0
"2013-11-11	10:00:00"	5.936	188.12	52.726	92.57	112.38	26.674	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-11	11:00:00"	5.107	171.36	54.749	85.296	256.4	26.677	0
"2013-11-11	12:00:00"	3.0398	257.25	59.369	70.473	592.35	26.66	0
"2013-11-11	13:00:00"	2.8105	88.782	62.679	59.995	659.93	26.63	0
"2013-11-11	14:00:00"	3.7152	150.92	68.218	46.748	640.68	26.595	0
"2013-11-11	15:00:00"	4.147	152.58	71.266	37.322	559.53	26.586	0
"2013-11-11	16:00:00"	3.7736	185.23	73.064	32.164	418.9	26.583	0
"2013-11-11	17:00:00"	2.9372	182.07	73.44	30.231	238.19	26.589	0
"2013-11-11	18:00:00"	2.3065	190.75	71.359	31.394	57.089	26.592	0
"2013-11-11	19:00:00"	3.668	109.23	65.716	41.777	0.38601	26.612	0
"2013-11-11	20:00:00"	6.9507	127.99	61.586	59.454	0.11553	26.63	0
"2013-11-11	21:00:00"	6.4678	134.87	58.647	68.027	0.13249	26.639	0
"2013-11-11	22:00:00"	5.634	139.11	56.108	76.648	0.13927	26.66	0
"2013-11-11	23:00:00"	4.5975	137.37	53.744	83.922	0.11256	26.68	0
"2013-11-12	00:00:00"	1.3589	39.267	50.244	88.124	0.08416	26.692	0
"2013-11-12	01:00:00"	1.481	3.9576	48.319	91.598	0.08857	26.713	0
"2013-11-12	02:00:00"	7.6199	36.207	50.641	92.727	0.10875	26.76	0
"2013-11-12	03:00:00"	9.2851	37.225	52.259	92.828	0.07631	26.775	0
"2013-11-12	04:00:00"	14.333	46.314	52.076	91.996	0.08394	26.813	0
"2013-11-12	05:00:00"	19.187	35.27	44.376	91.2	0.08182	26.846	0
"2013-11-12	06:00:00"	18.58	32.991	38.477	90.068	0.07313	26.896	0
"2013-11-12	07:00:00"	17.69	34.397	36.587	89.542	0.09878	26.928	0
"2013-11-12	08:00:00"	20.193	29.993	35.093	88.641	5.4572	26.961	0
"2013-11-12	09:00:00"	22.753	27.486	34.281	87.637	73.351	26.987	0
"2013-11-12	10:00:00"	22.128	28.765	34.484	85.653	107.49	27.011	0
"2013-11-12	11:00:00"	19.084	37.53	35.44	82.773	186.88	27.017	0
"2013-11-12	12:00:00"	15.501	36.689	37.318	72.167	278.93	27.026	0
"2013-11-12	13:00:00"	11.311	33.746	38.842	63.156	232.25	27.005	0
"2013-11-12	14:00:00"	9.1547	31.664	40.35	58.057	204.9	26.996	0
"2013-11-12	15:00:00"	8.583	30.728	41.571	54.981	201.39	26.987	0
"2013-11-12	16:00:00"	7.7255	33.221	43.152	49.606	195.3	26.987	0
"2013-11-12	17:00:00"	8.1835	39.767	44.106	44.598	105.1	26.987	0
"2013-11-12	18:00:00"	8.98	40.561	43.804	40.758	17.397	26.99	0
"2013-11-12	19:00:00"	6.5356	58.864	43.31	38.918	0.27663	27.005	0
"2013-11-12	20:00:00"	3.7655	62.444	43.014	38.066	0.15856	27.005	0
"2013-11-12	21:00:00"	2.1767	78.735	41.38	41.277	0.18061	27.011	0
"2013-11-12	22:00:00"	3.1976	97.92	41.188	39.569	0.14521	27.014	0
"2013-11-12	23:00:00"	3.1976	140.22	41.799	38.853	0.21134	27.005	0
"2013-11-13	00:00:00"	2.2183	123.1	41.41	38.796	0.18442	26.985	0
"2013-11-13	01:00:00"	1.5677	90.625	37.324	49.561	0.1911	26.973	0
"2013-11-13	02:00:00"	1.6212	102.07	34.658	53.129	0.18103	26.967	0
"2013-11-13	03:00:00"	3.133	131.09	35.811	43.237	0.2052	26.952	0
"2013-11-13	04:00:00"	2.7142	116.85	34.794	42.732	0.22003	26.937	0
"2013-11-13	05:00:00"	2.1406	111.6	33.006	45.828	0.22915	26.92	0
"2013-11-13	06:00:00"	3.069	151.1	32.941	43.241	0.1946	26.917	0
"2013-11-13	07:00:00"	4.81	157.3	32.054	43.506	0.2478	26.911	0
"2013-11-13	08:00:00"	5.4637	159.89	31.538	43.862	26.639	26.92	0
"2013-11-13	09:00:00"	5.0306	203.26	33.67	41.486	159.31	26.931	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-13	10:00:00"	7.3347	213.72	38.265	33.782	345.75	26.923	0
"2013-11-13	11:00:00"	7.6926	197.22	42.381	29.613	512.52	26.905	0
"2013-11-13	12:00:00"	7.0687	182.65	45.525	26.895	626.11	26.869	0
"2013-11-13	13:00:00"	6.6474	184.43	48.787	27.334	674.69	26.828	0
"2013-11-13	14:00:00"	7.5378	182.93	51.329	29.414	655.51	26.781	0
"2013-11-13	15:00:00"	9.4256	180.54	53.448	28.007	569.04	26.751	0
"2013-11-13	16:00:00"	9.1808	183.1	54.288	27.797	422.26	26.728	0
"2013-11-13	17:00:00"	9.4069	181.11	54.539	30.063	237.65	26.704	0
"2013-11-13	18:00:00"	8.3456	183.6	53.108	35.299	51.383	26.686	0
"2013-11-13	19:00:00"	4.0712	171.59	48.461	41.782	0.31543	26.695	0
"2013-11-13	20:00:00"	5.7837	155.18	46.206	40.886	0.16471	26.692	0
"2013-11-13	21:00:00"	7.7336	151.84	44.294	38.381	0.19375	26.68	0
"2013-11-13	22:00:00"	5.4575	156.8	42.127	40.42	0.1698	26.672	0
"2013-11-13	23:00:00"	5.1549	155.56	41.344	40.652	0.21177	26.654	0
"2013-11-14	00:00:00"	4.449	167.38	40.767	43.207	0.18124	26.627	0
"2013-11-14	01:00:00"	5.2189	183.67	40.756	45.852	0.16534	26.604	0
"2013-11-14	02:00:00"	6.8487	183.95	41.404	47.328	0.22406	26.577	0
"2013-11-14	03:00:00"	8.2661	193	41.59	49.563	0.16916	26.553	0
"2013-11-14	04:00:00"	5.7017	178.06	40.606	52.844	0.16492	26.539	0
"2013-11-14	05:00:00"	5.7725	187.04	39.53	56.301	0.21664	26.506	0
"2013-11-14	06:00:00"	7.8703	188.9	39.057	60.373	0.13863	26.494	0
"2013-11-14	07:00:00"	7.2383	189.79	39.258	63.008	0.24229	26.485	0
"2013-11-14	08:00:00"	5.9235	187.35	39.039	64.61	10.506	26.485	0
"2013-11-14	09:00:00"	8.8359	183.98	40.251	65.647	73.428	26.483	0
"2013-11-14	10:00:00"	10.398	193.01	45.522	61.023	356.21	26.485	0
"2013-11-14	11:00:00"	10.753	191.79	50.728	55.03	495.62	26.468	0
"2013-11-14	12:00:00"	11.223	209.27	55.428	50.515	583.89	26.447	0
"2013-11-14	13:00:00"	9.4983	221	59.284	45.317	655.2	26.418	0
"2013-11-14	14:00:00"	8.5917	230.53	62.778	41.146	633.3	26.382	0
"2013-11-14	15:00:00"	8.862	230.94	65.739	38.74	547.67	26.358	0
"2013-11-14	16:00:00"	8.9546	249.57	68.031	34.364	409.29	26.35	0
"2013-11-14	17:00:00"	7.7516	281.33	68.463	29.837	229.97	26.347	0
"2013-11-14	18:00:00"	3.8127	288.82	65.204	31.838	39.382	26.353	0
"2013-11-14	19:00:00"	3.2827	270.03	61.837	36.616	0.23848	26.373	0
"2013-11-14	20:00:00"	4.787	268.79	60.247	39.146	0.12592	26.385	0
"2013-11-14	21:00:00"	3.6773	299.78	56.029	47.717	0.13779	26.388	0
"2013-11-14	22:00:00"	4.6392	322.91	51.235	56.955	0.15941	26.397	0
"2013-11-14	23:00:00"	4.8622	319.81	49.578	60.359	0.18336	26.4	0
"2013-11-15	00:00:00"	4.7746	239.28	48.235	63.039	0.18463	26.4	0
"2013-11-15	01:00:00"	3.2154	220.87	49.203	63.407	0.17757	26.385	0
"2013-11-15	02:00:00"	2.2133	295.5	44.487	72.796	0.15602	26.382	0
"2013-11-15	03:00:00"	1.7492	324.71	41.437	80.375	0.13291	26.376	0
"2013-11-15	04:00:00"	2.6203	266.35	43.371	78.368	0.11934	26.37	0
"2013-11-15	05:00:00"	4.4204	243.03	41.385	76	0.14669	26.379	0
"2013-11-15	06:00:00"	2.9571	293.81	37.782	73.99	0.15962	26.37	0
"2013-11-15	07:00:00"	2.2842	285.69	42.632	71.714	0.12719	26.37	0
"2013-11-15	08:00:00"	2.9211	246.36	47.849	59.703	23.097	26.382	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-15	09:00:00"	3.6916	204.07	50.787	54.858	149.55	26.388	0
"2013-11-15	10:00:00"	7.1489	206.12	55.667	55.867	335.12	26.4	0
"2013-11-15	11:00:00"	8.5016	211.99	60.519	50.633	497.32	26.4	0
"2013-11-15	12:00:00"	12.989	209.97	63.76	47.263	512.46	26.37	0
"2013-11-15	13:00:00"	13.632	209.28	65.99	43.079	502.47	26.329	0
"2013-11-15	14:00:00"	11.98	206.08	68.948	38.575	411.54	26.296	0
"2013-11-15	15:00:00"	12.045	231.06	71.437	35.507	433.49	26.279	0
"2013-11-15	16:00:00"	10.698	230.36	71.301	35.331	238.26	26.264	0
"2013-11-15	17:00:00"	9.0695	222.12	70.563	36.696	95.41	26.246	0
"2013-11-15	18:00:00"	7.2557	208.57	69.895	37.736	45.708	26.24	0
"2013-11-15	19:00:00"	6.6232	214.91	68.627	38.579	0.14075	26.249	0
"2013-11-15	20:00:00"	1.9145	211.1	63.803	44.668	0.1026	26.255	0
"2013-11-15	21:00:00"	3.6611	209.94	62.39	54.545	0.11256	26.264	0
"2013-11-15	22:00:00"	3.187	196.88	60.975	57.112	0.14563	26.261	0
"2013-11-15	23:00:00"	5.2295	174.76	58.968	59.385	0.13312	26.264	0
"2013-11-16	00:00:00"	13.522	197.21	61.181	57.526	0.14648	26.267	0
"2013-11-16	01:00:00"	9.6897	202.97	62.81	49.597	0.1539	26.255	0
"2013-11-16	02:00:00"	10.018	192.49	62.264	49.636	0.14923	26.237	0
"2013-11-16	03:00:00"	6.9879	176.04	57.606	66.105	0.13185	26.226	0
"2013-11-16	04:00:00"	10.447	189.09	58.226	63.13	0.13249	26.22	0
"2013-11-16	05:00:00"	8.0965	194.45	57.462	66.569	0.12358	26.22	0
"2013-11-16	06:00:00"	8.8738	194.45	56.358	73.53	0.11383	26.226	0
"2013-11-16	07:00:00"	7.8075	192.26	55.812	75.786	0.10239	26.243	0
"2013-11-16	08:00:00"	6.2442	206.91	54.188	81.789	7.0191	26.27	0.07
"2013-11-16	09:00:00"	7.3949	201.74	54.745	83.508	44.64	26.282	0.04
"2013-11-16	10:00:00"	10.965	190.53	57.413	77.65	163.62	26.279	0.01
"2013-11-16	11:00:00"	10.893	213.53	62.402	66.536	468.28	26.279	0
"2013-11-16	12:00:00"	13.896	224.07	69.413	48.522	573.66	26.252	0
"2013-11-16	13:00:00"	16.061	232.73	72.089	41.615	618.21	26.217	0
"2013-11-16	14:00:00"	18.519	229.39	73.678	37.149	602.24	26.19	0
"2013-11-16	15:00:00"	18.56	236.75	75.176	33.347	540.26	26.178	0
"2013-11-16	16:00:00"	16.445	238.62	75.759	31.429	399.91	26.158	0
"2013-11-16	17:00:00"	14.549	240.77	75.1	31.379	207.96	26.172	0
"2013-11-16	18:00:00"	12.934	244.41	72.781	32.197	48.12	26.175	0
"2013-11-16	19:00:00"	9.8276	246.28	69.737	34.843	0.22957	26.181	0
"2013-11-16	20:00:00"	6.9482	242.18	67.543	39.339	0.12422	26.193	0
"2013-11-16	21:00:00"	2.647	241.74	64.462	46.01	0.14627	26.205	0
"2013-11-16	22:00:00"	7.0246	217.69	64.337	46.92	0.13885	26.214	0
"2013-11-16	23:00:00"	6.7655	186.49	62.301	50.329	0.12698	26.232	0
"2013-11-17	00:00:00"	9.8268	203.15	62.958	49.086	0.1009	26.232	0
"2013-11-17	01:00:00"	6.7823	218.49	60.383	52.347	0.11722	26.223	0
"2013-11-17	02:00:00"	4.0638	244.74	57.972	55.101	0.16026	26.246	0
"2013-11-17	03:00:00"	4.8523	214.17	57.048	54.461	0.15665	26.258	0
"2013-11-17	04:00:00"	5.3997	221.26	56.044	53.903	0.1522	26.27	0
"2013-11-17	05:00:00"	4.2464	232.55	54.747	54.676	0.17806	26.27	0
"2013-11-17	06:00:00"	5.6526	228.84	56.222	51.147	0.16026	26.288	0
"2013-11-17	07:00:00"	4.3117	234.7	53.998	56.296	0.13164	26.308	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-17"	08:00:00"	5.3854	224.7	54.179	55.982	21.852	26.338	0
"2013-11-17"	09:00:00"	5.8968	228.9	56.486	52.678	146.38	26.379	0
"2013-11-17"	10:00:00"	10.268	268.88	63.11	41.426	326.44	26.409	0
"2013-11-17"	11:00:00"	13.912	283.27	66.756	34.595	491.22	26.423	0
"2013-11-17"	12:00:00"	12.796	275.47	69.09	29.929	605.07	26.418	0
"2013-11-17"	13:00:00"	12.278	272.05	71.433	25.699	657.43	26.397	0
"2013-11-17"	14:00:00"	11.533	273.56	73.126	23.364	633.89	26.382	0
"2013-11-17"	15:00:00"	9.515	258.4	74.238	21.363	554.74	26.376	0
"2013-11-17"	16:00:00"	9.0969	264.76	74.471	20.831	411.16	26.388	0
"2013-11-17"	17:00:00"	7.9803	266.57	73.724	22.086	229.2	26.394	0
"2013-11-17"	18:00:00"	4.6783	265.97	70.879	24.959	51.159	26.406	0
"2013-11-17"	19:00:00"	1.8747	350.54	62.718	34.724	0.2035	26.426	0
"2013-11-17"	20:00:00"	1.4751	290.46	57.692	41.684	0.15983	26.45	0
"2013-11-17"	21:00:00"	1.807	316.57	57.867	41.084	0.14499	26.462	0
"2013-11-17"	22:00:00"	1.7492	331.28	54.315	47.168	0.1698	26.471	0
"2013-11-17"	23:00:00"	2.0835	324.42	52.057	50.314	0.18039	26.483	0
"2013-11-18"	00:00:00"	3.7183	325	51.911	51.006	0.17658	26.494	0
"2013-11-18"	01:00:00"	3.4902	346.31	52.151	49.448	0.15093	26.491	0
"2013-11-18"	02:00:00"	3.827	334.04	53.642	47.329	0.14266	26.5	0
"2013-11-18"	03:00:00"	6.3517	13.62	54.705	41.981	0.14839	26.503	0
"2013-11-18"	04:00:00"	9.2112	32.973	53.153	42.209	0.15941	26.503	0
"2013-11-18"	05:00:00"	10.398	51.089	49.359	47.99	0.13609	26.512	0
"2013-11-18"	06:00:00"	11.19	58.459	47.713	51.464	0.14075	26.53	0
"2013-11-18"	07:00:00"	9.7586	47.845	45.207	54.199	0.13228	26.553	0
"2013-11-18"	08:00:00"	9.8574	56.331	44.337	54.253	18.367	26.568	0
"2013-11-18"	09:00:00"	11.354	62.973	46.503	48.619	111.45	26.589	0
"2013-11-18"	10:00:00"	9.259	71.342	49.459	42.653	202.11	26.615	0
"2013-11-18"	11:00:00"	8.176	83.918	51.491	40.235	218.94	26.621	0
"2013-11-18"	12:00:00"	4.9716	130.51	54.298	36.953	373.31	26.612	0
"2013-11-18"	13:00:00"	3.5816	79.775	57.144	33.907	420.48	26.571	0
"2013-11-18"	14:00:00"	3.2808	15.858	59.551	32.277	303.91	26.571	0
"2013-11-18"	15:00:00"	2.8111	44.185	60.345	31.775	238.86	26.547	0
"2013-11-18"	16:00:00"	4.9411	56.666	60.831	31.51	250.81	26.55	0
"2013-11-18"	17:00:00"	6.7033	63.367	60.072	32.42	124.89	26.545	0
"2013-11-18"	18:00:00"	3.9128	76.421	58.643	34.389	29.381	26.553	0
"2013-11-18"	19:00:00"	4.4981	85.593	55.944	37.81	0.18167	26.553	0
"2013-11-18"	20:00:00"	6.7052	90.52	54.245	37.96	0.1238	26.559	0
"2013-11-18"	21:00:00"	4.9194	103.65	51.72	41.186	0.1751	26.556	0
"2013-11-18"	22:00:00"	3.6909	95.181	48.063	46.765	0.17594	26.553	0
"2013-11-18"	23:00:00"	1.8399	43.351	44.717	52.813	0.17594	26.574	0
"2013-11-19"	00:00:00"	2.1792	43.793	43.247	55.448	0.21601	26.565	0
"2013-11-19"	01:00:00"	1.6274	33.224	42.504	56.713	0.17531	26.556	0
"2013-11-19"	02:00:00"	1.2471	13.281	41.146	59.399	0.16746	26.547	0
"2013-11-19"	03:00:00"	1.4	65.928	41.465	58.405	0.20562	26.533	0
"2013-11-19"	04:00:00"	1.6479	110.96	42.227	54.522	0.15496	26.512	0
"2013-11-19"	05:00:00"	1.3906	77.56	41.659	55.039	0.19099	26.503	0
"2013-11-19"	06:00:00"	1.1638	56.178	40.859	57.706	0.17531	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-19	07:00:00"	1.3167	73.233	42.009	57.755	0.15157	26.491	0
"2013-11-19	08:00:00"	1.8548	93.153	43.475	54.092	15.696	26.497	0
"2013-11-19	09:00:00"	3.2218	130.33	48.05	46.766	102.07	26.497	0
"2013-11-19	10:00:00"	7.5316	174.35	54.671	44.23	288.18	26.494	0
"2013-11-19	11:00:00"	10.023	183.99	59.288	43.26	495.24	26.477	0
"2013-11-19	12:00:00"	13.117	183.66	62.785	43.966	564.8	26.453	0
"2013-11-19	13:00:00"	10.821	188.47	65.358	38.953	633.72	26.415	0
"2013-11-19	14:00:00"	10.768	190.25	68.039	34.729	615.04	26.385	0
"2013-11-19	15:00:00"	11.264	190.68	70.238	31.026	518.76	26.35	0
"2013-11-19	16:00:00"	11.507	200.6	71.435	29.179	396.63	26.335	0
"2013-11-19	17:00:00"	10.482	197.33	71.589	28.667	236.69	26.335	0
"2013-11-19	18:00:00"	7.4322	183.06	69.15	31.42	37.936	26.323	0
"2013-11-19	19:00:00"	5.0381	177.05	64.272	37.698	0.21495	26.32	0
"2013-11-19	20:00:00"	4.0718	175.83	61.232	44.401	0.12464	26.326	0
"2013-11-19	21:00:00"	4.9554	179.4	59.754	62.781	0.15623	26.332	0
"2013-11-19	22:00:00"	4.3484	177.17	58.023	72.015	0.15708	26.332	0
"2013-11-19	23:00:00"	4.7243	175.67	56.852	80.232	0.13439	26.338	0
"2013-11-20	00:00:00"	4.7448	176.79	55.148	86.137	0.09836	26.332	0
"2013-11-20	01:00:00"	5.931	178.42	54.448	89.142	0.07801	26.317	0
"2013-11-20	02:00:00"	9.0068	192.03	55.358	90.224	0.09327	26.32	0
"2013-11-20	03:00:00"	11.728	190.78	55.625	91.138	0.0672	26.32	0
"2013-11-20	04:00:00"	12.431	191.43	55.292	91.17	0.07652	26.32	0
"2013-11-20	05:00:00"	13.256	192.98	55.122	90.836	0.08352	26.317	0
"2013-11-20	06:00:00"	12.086	192	55.16	90.279	0.08394	26.32	0
"2013-11-20	07:00:00"	12.12	189.71	54.905	89.942	0.10917	26.323	0
"2013-11-20	08:00:00"	12.176	191.37	54.4	89.789	7.2645	26.335	0
"2013-11-20	09:00:00"	12.599	189.87	54.254	88.703	64.788	26.35	0
"2013-11-20	10:00:00"	11.024	198.84	55.175	85.287	242.94	26.353	0
"2013-11-20	11:00:00"	10.176	195.41	59.199	73.848	525.55	26.35	0
"2013-11-20	12:00:00"	9.3473	210.09	65.084	56.268	611.97	26.338	0
"2013-11-20	13:00:00"	9.3069	220.69	70.137	42.934	540.8	26.305	0
"2013-11-20	14:00:00"	9.5784	237.24	74.306	30.48	495.56	26.288	0
"2013-11-20	15:00:00"	10.48	272.99	74.12	25.863	290.51	26.279	0
"2013-11-20	16:00:00"	7.2365	279.96	72.649	26.924	162.7	26.261	0
"2013-11-20	17:00:00"	7.956	298.65	70.381	28.224	70.459	26.282	0
"2013-11-20	18:00:00"	2.8999	283.43	67.762	31.094	33.999	26.279	0
"2013-11-20	19:00:00"	0.94697	99.43	61.611	39.344	0.22449	26.288	0
"2013-11-20	20:00:00"	1.1315	110.91	57.946	44.759	0.14584	26.299	0
"2013-11-20	21:00:00"	3.461	151.68	58.161	44.878	0.13016	26.326	0
"2013-11-20	22:00:00"	5.304	171.79	56.884	68.215	0.13312	26.329	0
"2013-11-20	23:00:00"	7.6714	185.81	55.892	86.784	0.10069	26.332	0
"2013-11-21	00:00:00"	10.625	185.17	56.786	91.055	0.09306	26.335	0
"2013-11-21	01:00:00"	11.623	187.98	57.709	91.193	0.08225	26.332	0
"2013-11-21	02:00:00"	10.919	187.19	58.518	89.703	0.08628	26.338	0
"2013-11-21	03:00:00"	9.7307	189.54	58.82	88.605	0.10217	26.347	0
"2013-11-21	04:00:00"	9.6977	189.43	58.99	88.086	0.12401	26.353	0
"2013-11-21	05:00:00"	9.3731	189.7	59.566	86.938	0.0814	26.358	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-21	06:00:00"	9.1093	189.9	59.101	86.034	0.11171	26.364	0
"2013-11-21	07:00:00"	8.4295	191.42	58.633	86.624	0.12676	0	0
"2013-11-21	08:00:00"	8.3742	191.75	57.939	87.53	4.3221	26.412	0
"2013-11-21	09:00:00"	6.0341	230.48	57.736	88.133	73.36	26.438	0
"2013-11-21	10:00:00"	3.8674	256.73	59.168	81.133	270.85	26.453	0
"2013-11-21	11:00:00"	3.5064	256.75	62.774	65.815	458.3	26.459	0
"2013-11-21	12:00:00"	3.7935	272.02	67.01	47.376	572.28	26.447	0
"2013-11-21	13:00:00"	5.6824	294.43	69.689	36.974	623.75	26.429	0
"2013-11-21	14:00:00"	4.5981	339.68	72.141	32.741	613.83	26.42	0
"2013-11-21	15:00:00"	3.9538	40.758	73.575	29.526	523.06	26.415	0
"2013-11-21	16:00:00"	3.2684	160.25	74.472	27.583	370.17	26.426	0
"2013-11-21	17:00:00"	3.2995	90.532	74.193	27.907	184.11	26.441	0
"2013-11-21	18:00:00"	4.9989	70.724	71.204	34.705	47.108	26.459	0
"2013-11-21	19:00:00"	14.879	41.502	58.316	42.907	0.15941	26.5	0
"2013-11-21	20:00:00"	17.886	36.094	49.859	49.887	0.1062	26.53	0
"2013-11-21	21:00:00"	20.481	40.182	43.267	57.329	0.14754	26.545	0
"2013-11-21	22:00:00"	17.525	36.367	38.427	62.155	0.18145	26.601	0
"2013-11-21	23:00:00"	18.266	32.929	35.106	63.986	0.18124	26.63	0
"2013-11-22	00:00:00"	19.855	37.765	33.033	63.702	0.24208	26.627	0
"2013-11-22	01:00:00"	20.548	40.716	32.456	62.98	0.22957	26.651	0
"2013-11-22	02:00:00"	19.015	32.284	31.382	66.45	0.19121	26.686	0
"2013-11-22	03:00:00"	20.572	21.43	29.517	69.599	0.19799	26.707	0
"2013-11-22	04:00:00"	19.85	18.373	27.727	72.719	0.20032	26.713	0
"2013-11-22	05:00:00"	18.38	15.304	27.577	73.399	0.24823	26.739	0
"2013-11-22	06:00:00"	18.016	6.7139	26.606	77.912	0.16471	26.76	0
"2013-11-22	07:00:00"	15.063	9.8965	25.496	85.848	0.21431	26.787	0
"2013-11-22	08:00:00"	15.85	13.729	25.31	80.719	4.5266	26.822	0
"2013-11-22	09:00:00"	15.503	10.173	25.755	75.439	31.33	26.843	0
"2013-11-22	10:00:00"	16.302	11.561	25.948	76.034	68.63	26.858	0
"2013-11-22	11:00:00"	16.269	8.8964	26.332	75.075	78.034	26.866	0
"2013-11-22	12:00:00"	15.488	3.9123	26.724	75.91	103.1	26.849	0
"2013-11-22	13:00:00"	14.364	11.022	26.63	81.954	123.52	26.828	0
"2013-11-22	14:00:00"	13.732	14.165	27.103	80.574	84.881	26.81	0
"2013-11-22	15:00:00"	13.653	15.218	27.54	82.331	96.526	26.798	0
"2013-11-22	16:00:00"	13.813	15.268	27.655	85.284	72.679	26.798	0
"2013-11-22	17:00:00"	13.313	12.249	27.815	82.996	33.563	26.804	0
"2013-11-22	18:00:00"	14.314	12.422	27.594	80.994	6.3698	26.798	0
"2013-11-22	19:00:00"	13.277	12.505	27.456	79.436	0.21007	26.825	0
"2013-11-22	20:00:00"	11.901	13.866	27.135	82.694	0.17234	26.825	0
"2013-11-22	21:00:00"	10.806	16.493	27.376	88.956	0.15644	26.84	0
"2013-11-22	22:00:00"	11.052	12.12	27.151	89.885	0.15962	26.84	0
"2013-11-22	23:00:00"	11.531	46.68	27.221	90.025	0.15072	26.837	0
"2013-11-23	00:00:00"	16.392	351.02	27.309	89.953	0.15623	26.834	0
"2013-11-23	01:00:00"	20.667	299.59	27.417	90.026	0.1486	26.837	0
"2013-11-23	02:00:00"	17.581	300.88	27.381	89.988	0.15856	26.831	0
"2013-11-23	03:00:00"	22.657	321.91	27.367	89.372	0.16598	26.828	0
"2013-11-23	04:00:00"	12.415	344.86	27.448	90.582	0.18124	26.825	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-23"	05:00:00"	15.228	284.09	28.009	91.174	0.1469	26.822	0
"2013-11-23"	06:00:00"	40.144	20.588	28.484	91.357	0.12146	26.846	0
"2013-11-23"	07:00:00"	26.872	66.97	28.875	91.403	0.11277	26.855	0
"2013-11-23"	08:00:00"	12.773	51.294	29.404	89.723	1.8338	26.869	0
"2013-11-23"	09:00:00"	17.544	73.438	29.76	89.532	14.384	26.878	0
"2013-11-23"	10:00:00"	20.424	75.413	30.029	89.904	33.37	26.908	0
"2013-11-23"	11:00:00"	25.289	82.195	30.691	90.385	41.802	26.914	0
"2013-11-23"	12:00:00"	3.0019	86.286	30.079	90.355	66.153	26.899	0
"2013-11-23"	13:00:00"	8.6911	91.606	30.014	89.945	66.973	26.89	0
"2013-11-23"	14:00:00"	24.123	85.096	30.381	89.985	81.686	26.863	0
"2013-11-23"	15:00:00"	31.038	83.193	31.091	89.168	76.233	26.834	0
"2013-11-23"	16:00:00"	22.765	78.508	30.526	83.698	44.705	26.852	0
"2013-11-23"	17:00:00"	1.8734	66.874	30.095	81.853	27.534	26.849	0
"2013-11-23"	18:00:00"	0.72887	71.873	29.532	79.233	4.6642	26.855	0
"2013-11-23"	19:00:00"	0.64747	77.429	29.417	82.168	0.17001	26.849	0
"2013-11-23"	20:00:00"	0	"INF"	29.069	83.262	0.19566	26.869	0
"2013-11-23"	21:00:00"	0	"INF"	28.038	85.709	0.19439	26.884	0
"2013-11-23"	22:00:00"	0	"INF"	27.401	87.88	0.19142	26.863	0
"2013-11-23"	23:00:00"	0	"INF"	27.52	85.927	0.18697	26.866	0
"2013-11-24"	00:00:00"	0	"INF"	27.91	85.517	0.23742	26.858	0
"2013-11-24"	01:00:00"	0	"INF"	27.199	85.659	0.19099	26.843	0
"2013-11-24"	02:00:00"	0	"INF"	26.75	89.369	0.20392	26.825	0
"2013-11-24"	03:00:00"	9.2622	62.034	26.319	91.342	0.14436	26.816	0
"2013-11-24"	04:00:00"	35.925	61.588	26.712	91.494	0.16047	26.819	0
"2013-11-24"	05:00:00"	13.839	41.564	27.183	91.84	0.15623	26.81	0
"2013-11-24"	06:00:00"	22.559	36.738	27.137	91.547	0.13906	26.787	0
"2013-11-24"	07:00:00"	23.342	345.64	27.002	91.284	0.14817	26.798	0
"2013-11-24"	08:00:00"	19.382	349.41	27.185	91.098	1.1366	26.801	0
"2013-11-24"	09:00:00"	0	"INF"	27.546	91.648	30.293	26.793	0
"2013-11-24"	10:00:00"	0	"INF"	27.834	90.665	77.086	26.793	0
"2013-11-24"	11:00:00"	0	"INF"	28.092	89.346	152.45	26.787	0
"2013-11-24"	12:00:00"	0	"INF"	28.461	89.551	163.31	26.76	0
"2013-11-24"	13:00:00"	0	"INF"	28.737	89.344	210.58	26.728	0
"2013-11-24"	14:00:00"	0	"INF"	28.985	88.766	200.65	26.692	0
"2013-11-24"	15:00:00"	0	"INF"	29.16	88.523	156.72	26.674	0
"2013-11-24"	16:00:00"	0	"INF"	29.185	88.114	96.209	26.645	0
"2013-11-24"	17:00:00"	0	"INF"	29.198	88.148	50.985	26.645	0
"2013-11-24"	18:00:00"	0	"INF"	29.095	88.899	8.7929	26.639	0
"2013-11-24"	19:00:00"	0	"INF"	28.984	90.788	0.09518	26.633	0
"2013-11-24"	20:00:00"	0	"INF"	28.93	90.99	0.10853	26.633	0
"2013-11-24"	21:00:00"	0	"INF"	29.151	91.467	0.11956	26.621	0
"2013-11-24"	22:00:00"	0	"INF"	29.263	91.838	0.10323	26.604	0
"2013-11-24"	23:00:00"	0	"INF"	29.165	92.464	0.11362	26.589	0
"2013-11-25"	00:00:00"	0	"INF"	29.358	92.49	0.11468	26.577	0
"2013-11-25"	01:00:00"	0	"INF"	29.428	93.131	0.08413	26.559	0
"2013-11-25"	02:00:00"	0	"INF"	29.644	92.78	0.10896	26.533	0
"2013-11-25"	03:00:00"	0	"INF"	29.746	92.671	0.09136	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-25"	04:00:00"		0 "INF"	29.969	92.593	0.09539	26.5	0
"2013-11-25"	05:00:00"		0 "INF"	30.024	92.215	0.09857	26.48	0
"2013-11-25"	06:00:00"		0 "INF"	29.665	91.963	0.10281	26.477	0
"2013-11-25"	07:00:00"		0 "INF"	29.497	90.878	0.12295	26.483	0
"2013-11-25"	08:00:00"		0 "INF"	29.833	91.552	4.9771	26.488	0
"2013-11-25"	09:00:00"		0 "INF"	29.926	92.281	51.567	26.497	0
"2013-11-25"	10:00:00"		0 "INF"	29.725	92.686	158.71	26.503	0
"2013-11-25"	11:00:00"		0 "INF"	30.782	92.506	290.69	26.509	0
"2013-11-25"	12:00:00"	8.898	257.68	32.994	90.569	507.94	26.503	0.01
"2013-11-25"	13:00:00"	10.898	282.64	37.235	84.409	575.27	26.48	0.2
"2013-11-25"	14:00:00"	13.502	316.65	41.016	74.401	453.29	26.477	0.12
"2013-11-25"	15:00:00"	14.117	330.05	41.457	71.096	367.68	26.483	0.06
"2013-11-25"	16:00:00"	14.241	338.48	41.275	67.649	203.94	26.497	0.02
"2013-11-25"	17:00:00"	12.111	348.95	40.278	68.233	106.63	26.512	0.01
"2013-11-25"	18:00:00"	9.8835	335.41	39.753	71.511	12.899	26.524	0
"2013-11-25"	19:00:00"	15.647	342.37	38.981	69.878	0.1592	26.545	0
"2013-11-25"	20:00:00"	13.812	350.83	37.147	72.476	0.21028	26.568	0
"2013-11-25"	21:00:00"	13.446	346.27	36.596	73.785	0.14584	26.574	0
"2013-11-25"	22:00:00"	21.389	349.96	33.549	70.382	0.20795	26.598	0
"2013-11-25"	23:00:00"	18.365	345.32	31.906	73.971	0.20244	26.612	0
"2013-11-26"	00:00:00"	16.725	351.76	31.662	77.002	0.18145	26.624	0
"2013-11-26"	01:00:00"	17.114	352.34	31.305	79.378	0.15135	26.624	0
"2013-11-26"	02:00:00"	16.993	355.28	31.152	76.793	0.19015	26.636	0
"2013-11-26"	03:00:00"	16.815	352.77	31.03	77.992	0.2105	26.648	0
"2013-11-26"	04:00:00"	12.378	343.14	28.713	82.397	0.22364	26.666	0
"2013-11-26"	05:00:00"	9.8444	344.4	28.261	82.828	0.2158	26.669	0
"2013-11-26"	06:00:00"	10.389	346.77	28.812	81.757	0.184	26.663	0
"2013-11-26"	07:00:00"	11.623	345.95	29.604	77.206	0.25204	26.689	0
"2013-11-26"	08:00:00"	11.161	343.96	29.277	76.291	14.344	26.713	0
"2013-11-26"	09:00:00"	12.572	358.18	32.285	67.37	124.32	26.734	0
"2013-11-26"	10:00:00"	13.9	0.70576	36.408	54.835	295.33	26.766	0
"2013-11-26"	11:00:00"	12.245	4.4351	39.448	48.125	456.77	26.784	0
"2013-11-26"	12:00:00"	11.58	5.1546	42.159	44.783	570.23	26.778	0
"2013-11-26"	13:00:00"	10.925	4.5509	44.63	42.509	620.98	26.76	0
"2013-11-26"	14:00:00"	10.209	359.44	46.3	41.344	605.37	26.751	0
"2013-11-26"	15:00:00"	11.078	2.1943	47.28	40.784	524.67	26.742	0
"2013-11-26"	16:00:00"	11.014	359.65	47.465	41.271	385.34	26.754	0
"2013-11-26"	17:00:00"	10.822	348.47	46.965	42.493	210.82	26.763	0
"2013-11-26"	18:00:00"	6.7997	349.56	44.362	46.974	44.111	26.763	0
"2013-11-26"	19:00:00"	3.8892	345.38	38.304	62.419	0.23699	26.778	0
"2013-11-26"	20:00:00"	2.9018	340.48	35.155	72.061	0.19078	26.781	0
"2013-11-26"	21:00:00"	3.6282	328.41	33.736	74.595	0.18845	26.784	0
"2013-11-26"	22:00:00"	3.4095	313.2	32.464	78.131	0.15983	26.787	0
"2013-11-26"	23:00:00"	3.3542	316.01	31.711	81.121	0.18336	26.79	0
"2013-11-27"	00:00:00"	2.9204	316.88	31.135	83.451	0.18209	26.787	0
"2013-11-27"	01:00:00"	2.2954	343.73	31.108	80.387	0.18527	26.781	0
"2013-11-27"	02:00:00"	2.4874	316.33	30.942	79.586	0.18485	26.781	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-27	03:00:00"	2.6259	304.57	29.381	83.295	0.17043	26.778	0
"2013-11-27	04:00:00"	2.7024	301.77	29.851	82.98	0.24144	26.772	0
"2013-11-27	05:00:00"	2.1077	312.95	29.087	83.225	0.18442	26.766	0
"2013-11-27	06:00:00"	1.7541	326.01	28.775	83.248	0.20732	26.766	0
"2013-11-27	07:00:00"	1.5373	347.15	28.291	83.277	0.16428	26.772	0
"2013-11-27	08:00:00"	1.162	140.82	28.824	81.138	13.367	26.769	0
"2013-11-27	09:00:00"	1.2036	121.75	35.544	67.61	121	26.787	0
"2013-11-27	10:00:00"	5.4581	153.9	39.365	60.061	292.91	26.778	0
"2013-11-27	11:00:00"	6.9208	175.38	41.813	52.725	455.59	26.76	0
"2013-11-27	12:00:00"	9.2211	190.43	43.636	48.315	570.9	26.745	0
"2013-11-27	13:00:00"	9.6393	203.99	45.61	44.956	600	26.719	0
"2013-11-27	14:00:00"	9.182	208.01	46.871	42.077	492.02	26.686	0
"2013-11-27	15:00:00"	9.374	211.37	47.439	40.387	342.88	26.666	0
"2013-11-27	16:00:00"	8.1083	205.78	46.766	41.775	229.13	26.651	0
"2013-11-27	17:00:00"	7.5695	201.56	46.639	42.202	119.13	26.648	0
"2013-11-27	18:00:00"	6.0366	191.3	45.354	47.045	19.607	26.648	0
"2013-11-27	19:00:00"	3.8307	181.9	42.342	56.158	0.15983	26.651	0
"2013-11-27	20:00:00"	1.7113	169.9	40.616	62.551	0.16365	26.651	0
"2013-11-27	21:00:00"	4.8343	165.8	40.386	62.783	0.21643	26.66	0
"2013-11-27	22:00:00"	4.2539	163.76	39.216	67.144	0.15559	26.654	0
"2013-11-27	23:00:00"	2.6557	166.97	37.153	72.857	0.19862	26.648	0
"2013-11-28	00:00:00"	2.3432	178.74	35.928	75.023	0.19862	26.642	0
"2013-11-28	01:00:00"	3.4561	178.18	35.608	73.535	0.16895	26.621	0
"2013-11-28	02:00:00"	3.4349	175.94	35.76	71.326	0.24611	26.604	0
"2013-11-28	03:00:00"	3.2933	179.71	35.345	71.579	0.20159	26.607	0
"2013-11-28	04:00:00"	2.9857	188.07	35.318	70.964	0.17001	26.604	0
"2013-11-28	05:00:00"	3.4673	190.36	35.003	70.206	0.20604	26.601	0
"2013-11-28	06:00:00"	4.1725	191.83	34.499	71.586	0.17721	26.607	0
"2013-11-28	07:00:00"	6.2982	200.91	34.556	70.125	0.20329	26.612	0
"2013-11-28	08:00:00"	5.5004	199.23	33.533	72.643	12.699	26.624	0
"2013-11-28	09:00:00"	8.1518	191.03	35.183	70.274	119.32	26.639	0
"2013-11-28	10:00:00"	8.7327	193.8	38.775	66.29	289.28	26.651	0
"2013-11-28	11:00:00"	7.746	191.47	42.693	58.821	451.62	26.657	0
"2013-11-28	12:00:00"	6.1547	196.23	47.775	48.857	565.82	26.639	0
"2013-11-28	13:00:00"	6.8059	197.72	51.483	39.626	617.25	26.624	0
"2013-11-28	14:00:00"	6.5878	199.9	53.638	35.368	602.66	26.607	0
"2013-11-28	15:00:00"	6.3113	193.46	54.853	33.619	522.96	26.601	0
"2013-11-28	16:00:00"	6.0571	196.08	55.496	32.546	385.87	26.604	0
"2013-11-28	17:00:00"	4.4229	173.89	55.075	32.969	211.6	26.618	0
"2013-11-28	18:00:00"	3.4499	166.64	52.522	39.018	44.389	26.624	0
"2013-11-28	19:00:00"	1.0178	186.12	48.152	45.766	0.20604	26.642	0
"2013-11-28	20:00:00"	1.2185	147.25	45.999	48.576	0.18209	26.663	0
"2013-11-28	21:00:00"	3.156	97.828	42.018	59.775	0.19799	26.674	0
"2013-11-28	22:00:00"	6.6822	133.73	42.801	66.465	0.22618	26.686	0
"2013-11-28	23:00:00"	3.7233	167.31	40.174	73.104	0.14012	26.695	0
"2013-11-29	00:00:00"	2.3724	181.62	38.406	76.428	0.19926	26.695	0
"2013-11-29	01:00:00"	1.5826	191.49	36.868	79.707	0.17658	26.683	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-11-29	02:00:00"	1.4988	165.13	35.724	81.252	0.14945	26.677	0
"2013-11-29	03:00:00"	1.1645	9.087	33.118	86.349	0.14224	26.683	0
"2013-11-29	04:00:00"	1.2831	10.651	31.3	87.524	0.12698	26.695	0
"2013-11-29	05:00:00"	1.5373	342.11	29.269	90.455	0.10663	26.686	0
"2013-11-29	06:00:00"	1.3179	0.11943	28.631	91.715	0.13588	26.698	0
"2013-11-29	07:00:00"	1.1719	357.03	28.317	92.302	0.13418	26.701	0
"2013-11-29	08:00:00"	1.3223	29.18	28.735	91.602	14.645	26.716	0
"2013-11-29	09:00:00"	1.994	89.274	32.904	86.801	117.39	26.731	0
"2013-11-29	10:00:00"	4.948	125.92	38.653	75.219	273.16	26.739	0
"2013-11-29	11:00:00"	6.1596	162.85	43.673	64.733	430.73	26.731	0
"2013-11-29	12:00:00"	5.9565	159.08	48.66	54.346	549.92	26.716	0
"2013-11-29	13:00:00"	5.9552	183.78	52.776	46.876	589.72	26.689	0
"2013-11-29	14:00:00"	5.9179	194.53	56.187	41.297	576.79	26.672	0
"2013-11-29	15:00:00"	7.8752	181.13	58.704	37.276	511.24	26.651	0
"2013-11-29	16:00:00"	8.1107	179.13	59.361	36.7	361.77	26.645	0
"2013-11-29	17:00:00"	8.6532	172.66	58.842	37.355	187.77	26.636	0
"2013-11-29	18:00:00"	5.6278	177.06	55.193	43.802	35.004	26.63	0
"2013-11-29	19:00:00"	3.2442	178.94	50.173	53.133	0.16937	26.645	0
"2013-11-29	20:00:00"	4.0607	166.94	47.823	58.179	0.18357	26.657	0
"2013-11-29	21:00:00"	4.3521	163.03	46.418	61.502	0.18675	26.663	0
"2013-11-29	22:00:00"	3.141	174.24	44.186	67.433	0.1681	26.669	0
"2013-11-29	23:00:00"	6.7294	195.71	44.439	67.875	0.17658	26.672	0
"2013-11-30	00:00:00"	7.8721	201.19	43.033	72.522	0.16937	26.663	0
"2013-11-30	01:00:00"	7.9374	199.97	42.57	75.703	0.18548	26.648	0
"2013-11-30	02:00:00"	9.8152	196.67	41.568	79.748	0.19057	26.633	0
"2013-11-30	03:00:00"	8.3388	208.57	40.556	83.736	0.14521	26.639	0
"2013-11-30	04:00:00"	2.2183	264.36	37.95	87.769	0.13397	26.642	0
"2013-11-30	05:00:00"	2.3991	248.08	39.02	88.974	0.11235	26.627	0
"2013-11-30	06:00:00"	3.018	241.4	39.467	89.302	0.08543	26.621	0
"2013-11-30	07:00:00"	3.0391	269.8	39.273	88.838	0.1026	26.63	0
"2013-11-30	08:00:00"	2.1624	279.73	38.479	90.669	14.555	26.639	0
"2013-11-30	09:00:00"	3.0864	282.73	40.488	89.201	134.9	26.657	0
"2013-11-30	10:00:00"	4.6516	239.17	46.564	77.36	379.06	26.663	0
"2013-11-30	11:00:00"	3.8724	223.18	53.698	60.311	570.12	26.666	0
"2013-11-30	12:00:00"	4.0805	263.11	60.544	44.258	620.92	26.645	0
"2013-11-30	13:00:00"	4.3036	293.41	64.292	33.339	592.41	26.609	0
"2013-11-30	14:00:00"	3.6164	318.51	67.319	29.446	647.19	26.58	0
"2013-11-30	15:00:00"	2.7123	84.254	68.352	27.582	510.03	26.571	0
"2013-11-30	16:00:00"	4.4217	242.51	68.374	28.51	219.54	26.568	0
"2013-11-30	17:00:00"	5.0965	212.12	66.299	34.183	97.628	26.565	0
"2013-11-30	18:00:00"	4.7628	204.95	63.033	39.817	39.366	26.571	0
"2013-11-30	19:00:00"	3.5474	203.6	60.573	43.158	0.18103	26.574	0
"2013-11-30	20:00:00"	3.9494	214.39	57.526	49.014	0.1664	26.58	0
"2013-11-30	21:00:00"	2.2854	241.49	54.257	56.685	0.14923	26.586	0
"2013-11-30	22:00:00"	3.5605	258.84	53.021	59.597	0.16471	26.589	0
"2013-11-30	23:00:00"	3.3231	246	53.536	58.592	0.15411	26.589	0
"2013-12-01	00:00:00"	2.7154	240.21	51.643	62.799	0.14203	26.586	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-01	01:00:00"	3.071	207.77	48.938	69.583	0.16298	26.574	0
"2013-12-01	02:00:00"	3.553	218.14	49.867	65.896	0.16683	26.568	0
"2013-12-01	03:00:00"	4.0377	217.52	49.115	71.56	0.14372	26.55	0
"2013-12-01	04:00:00"	5.2935	215.38	49.173	73.889	0.14309	26.55	0
"2013-12-01	05:00:00"	2.5389	272.42	46.973	78.324	0.14054	26.542	0
"2013-12-01	06:00:00"	3.0453	269.73	46.983	79.969	0.12973	26.53	0
"2013-12-01	07:00:00"	2.2867	313.71	45.778	82.163	0.15581	26.545	0
"2013-12-01	08:00:00"	3.133	325.26	47.748	75.476	2.2048	26.556	0
"2013-12-01	09:00:00"	4.0781	315.36	51.254	67.02	34.988	26.571	0
"2013-12-01	10:00:00"	6.6934	332.22	54.829	58.813	83.4	26.586	0
"2013-12-01	11:00:00"	4.8299	320.93	56.165	52.179	76.029	26.592	0
"2013-12-01	12:00:00"	4.4863	305.37	56.171	50.864	77.685	26.565	0
"2013-12-01	13:00:00"	3.4772	268.17	55.56	56.484	105.09	26.542	0
"2013-12-01	14:00:00"	2.6383	236.05	56.52	56.031	118.59	26.506	0
"2013-12-01	15:00:00"	1.807	230.17	56.849	57.164	103.77	26.491	0
"2013-12-01	16:00:00"	4.838	198.23	57.659	54.282	153.4	26.491	0
"2013-12-01	17:00:00"	3.7462	207.95	57.515	53.427	84.881	26.485	0
"2013-12-01	18:00:00"	6.1304	201.47	56.968	53.64	19.59	26.485	0
"2013-12-01	19:00:00"	3.3467	237.75	54.302	58.359	0.14839	26.483	0
"2013-12-01	20:00:00"	3.2125	248.93	52.301	62.353	0.15157	26.465	0
"2013-12-01	21:00:00"	3.1994	289.71	49.554	65.113	0.16556	26.477	0
"2013-12-01	22:00:00"	4.5857	307.34	47.403	68.859	0.15856	26.474	0
"2013-12-01	23:00:00"	7.3632	308.5	47.072	70.023	0.16216	26.465	0
"2013-12-02	00:00:00"	7.8982	318.09	46.535	68.155	0.15517	26.444	0
"2013-12-02	01:00:00"	7.6998	313.65	46.221	68.025	0.19596	26.423	0
"2013-12-02	02:00:00"	7.8007	312.49	44.503	70.202	0.15898	26.406	0
"2013-12-02	03:00:00"	7.0196	301.92	42.462	74.954	0.17552	26.385	0
"2013-12-02	04:00:00"	4.1085	285.39	39.252	80.263	0.19417	26.37	0
"2013-12-02	05:00:00"	5.3699	283.56	39.544	78.332	0.18633	26.353	0
"2013-12-02	06:00:00"	4.8641	266.47	40.435	71.222	0.21113	26.338	0
"2013-12-02	07:00:00"	7.4987	288.08	41.221	62.437	0.1823	26.347	0
"2013-12-02	08:00:00"	5.3711	285.03	42.856	53.727	14.457	26.344	0
"2013-12-02	09:00:00"	4.39	253.52	48.02	41.715	110.81	26.338	0
"2013-12-02	10:00:00"	13.222	290.41	56.635	29.619	261.72	26.347	0
"2013-12-02	11:00:00"	16.924	303.79	62.07	24.174	434.71	26.347	0
"2013-12-02	12:00:00"	16.728	302.93	66.216	21.984	549.63	26.329	0
"2013-12-02	13:00:00"	19.223	309	69.608	19.999	609.69	26.299	0
"2013-12-02	14:00:00"	17.426	312.68	72.296	18.106	596.95	26.27	0
"2013-12-02	15:00:00"	14.904	299.07	73.082	17.211	515.2	26.249	0
"2013-12-02	16:00:00"	13.832	288.88	73.068	17.027	377.8	26.243	0
"2013-12-02	17:00:00"	11.045	281.2	72.543	17.007	200.64	26.243	0
"2013-12-02	18:00:00"	6.4219	261.7	68.752	19.49	37.522	26.226	0
"2013-12-02	19:00:00"	4.0774	260.36	62.642	24.069	0.16577	26.226	0
"2013-12-02	20:00:00"	5.7943	289.1	58.805	27.518	0.13143	26.234	0
"2013-12-02	21:00:00"	4.5683	298.64	54.227	31.83	0.19523	26.234	0
"2013-12-02	22:00:00"	4.9262	293.05	51.041	36.118	0.15941	26.232	0
"2013-12-02	23:00:00"	7.0028	290.75	51.262	35.29	0.17573	26.229	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-03	00:00:00"	6.8612	294.83	50.165	36.568	0.18548	26.214	0
"2013-12-03	01:00:00"	5.9201	300.22	48.836	38.805	0.17123	26.196	0
"2013-12-03	02:00:00"	8.4308	294.47	49.932	36.546	0.19227	26.184	0
"2013-12-03	03:00:00"	4.5149	280.78	48.141	38.728	0.15771	26.184	0
"2013-12-03	04:00:00"	3.3417	278.92	46.897	40.412	0.20541	26.178	0
"2013-12-03	05:00:00"	3.9687	291.74	45.498	43.883	0.1575	26.169	0
"2013-12-03	06:00:00"	4.4006	306.84	45.073	44.404	0.15305	26.164	0
"2013-12-03	07:00:00"	5.5464	305.92	47.986	37.879	0.21876	26.172	0
"2013-12-03	08:00:00"	8.1257	295.26	52.799	29.864	9.2474	26.187	0
"2013-12-03	09:00:00"	4.8983	279.52	53.852	29.306	73.489	26.199	0
"2013-12-03	10:00:00"	7.1545	214.17	58.717	24.004	257.91	26.217	0
"2013-12-03	11:00:00"	10.542	240.26	66.357	18.287	477.43	26.223	0
"2013-12-03	12:00:00"	15.957	262.24	70.962	14.042	468.29	26.196	0
"2013-12-03	13:00:00"	14.287	266.68	70.112	13.962	392.5	26.161	0
"2013-12-03	14:00:00"	13.907	250.49	72.214	13.409	484.34	26.143	0
"2013-12-03	15:00:00"	13.197	233.41	72.528	12.793	464.75	26.134	0
"2013-12-03	16:00:00"	11.699	242.47	71.999	12.663	285.71	26.125	0
"2013-12-03	17:00:00"	7.5944	224.47	70.403	12.989	139.25	26.119	0
"2013-12-03	18:00:00"	8.9092	218.41	66.494	16.649	18.57	26.119	0
"2013-12-03	19:00:00"	12.664	218.88	63.002	19.662	0.07907	26.128	0
"2013-12-03	20:00:00"	10.44	216.44	60.395	21.154	0.09136	26.137	0
"2013-12-03	21:00:00"	7.3384	224.63	58.07	24.015	0.07886	26.152	0
"2013-12-03	22:00:00"	1.28	217.82	53.918	29.629	0.07207	26.149	0
"2013-12-03	23:00:00"	8.1244	218.14	57.126	28.728	0.08585	26.149	0
"2013-12-04	00:00:00"	6.2255	218.6	55.698	32.399	0.07356	26.14	0
"2013-12-04	01:00:00"	2.2456	230.46	52.698	38.803	0.08034	26.14	0
"2013-12-04	02:00:00"	1.3558	241.42	51.451	41.428	0.07992	26.146	0
"2013-12-04	03:00:00"	2.0201	270.45	50.824	42.713	0.09158	26.146	0
"2013-12-04	04:00:00"	3.4362	208.79	49.536	46.329	0.09179	26.152	0
"2013-12-04	05:00:00"	2.6825	197.71	49.605	47.298	0.07419	26.146	0
"2013-12-04	06:00:00"	2.6141	210.84	51.094	51.439	0.08373	26.14	0
"2013-12-04	07:00:00"	5.9534	210.97	52.55	53.81	0.07928	26.155	0
"2013-12-04	08:00:00"	2.1624	250.19	49.576	63.513	5.0106	26.167	0
"2013-12-04	09:00:00"	5.2897	231.65	54.173	58.398	125.92	26.193	0
"2013-12-04	10:00:00"	9.0559	232.09	61.955	46.982	292.47	26.202	0.1
"2013-12-04	11:00:00"	8.2481	234.34	66.574	40.287	451.64	26.208	0
"2013-12-04	12:00:00"	9.5759	244.53	69.537	35.902	430.5	26.193	0
"2013-12-04	13:00:00"	10.805	241.59	70.592	34.005	464.39	26.161	0
"2013-12-04	14:00:00"	13.205	232.25	72.068	30.888	536.09	26.149	0
"2013-12-04	15:00:00"	12.916	233.47	72.363	28.716	448.6	26.146	0
"2013-12-04	16:00:00"	13.201	239.06	72.087	27.761	221.21	26.155	0
"2013-12-04	17:00:00"	9.594	233.39	71.948	26.902	135.64	26.152	0
"2013-12-04	18:00:00"	9.0633	234.96	70.871	26.821	32.412	26.169	0
"2013-12-04	19:00:00"	8.7911	220.01	69.152	26.819	0.0708	26.193	0
"2013-12-04	20:00:00"	6.2392	252.93	66.238	28.925	0.06147	26.208	0
"2013-12-04	21:00:00"	5.2288	231.18	63.61	33.247	0.07568	26.223	0
"2013-12-04	22:00:00"	4.4894	203.71	60.332	38.255	0.08394	26.232	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-04	23:00:00"	5.9266	217.89	60.245	38.14	0.10705	26.243	0
"2013-12-05	00:00:00"	4.3626	207.97	60.163	37.532	0.07038	26.264	0
"2013-12-05	01:00:00"	10.218	50.377	51.944	47.355	0.07038	26.308	0
"2013-12-05	02:00:00"	15.461	53.734	41.798	57.808	0.08182	26.323	0
"2013-12-05	03:00:00"	17.446	49.332	37.177	59.721	0.09052	26.344	0
"2013-12-05	04:00:00"	17.359	46.582	32.016	59.977	0.09518	26.379	0
"2013-12-05	05:00:00"	16.773	39.746	30.209	57.694	0.10387	26.379	0
"2013-12-05	06:00:00"	15.838	44.404	27.86	57.596	0.08437	26.37	0
"2013-12-05	07:00:00"	15.605	45.66	26.161	61.153	0.10811	26.385	0
"2013-12-05	08:00:00"	14.682	40.886	25.277	66.454	0.59545	26.441	0
"2013-12-05	09:00:00"	10.983	20.301	24.988	73.448	9.8876	26.503	0
"2013-12-05	10:00:00"	18.403	0.73847	23.616	75.739	29.952	26.521	0
"2013-12-05	11:00:00"	16.965	67.663	23.816	80.29	116.69	26.497	0
"2013-12-05	12:00:00"	13.102	93.095	24.347	81.202	273.1	26.509	0
"2013-12-05	13:00:00"	18.235	123.02	24.755	81.077	136.31	26.485	0
"2013-12-05	14:00:00"	16.269	117.56	24.804	82.235	107.46	26.456	0
"2013-12-05	15:00:00"	21.128	85.445	25.03	84.217	106.22	26.432	0
"2013-12-05	16:00:00"	14.053	110.22	25.428	83.684	92.645	26.418	0
"2013-12-05	17:00:00"	11.031	113.06	25.379	83.811	36.284	26.42	0
"2013-12-05	18:00:00"	10.931	117.86	24.985	84.157	5.5004	26.432	0
"2013-12-05	19:00:00"	12.458	115.35	24.651	84.766	0.10747	26.447	0
"2013-12-05	20:00:00"	11.436	95.04	24.548	86.655	0.09772	26.459	0
"2013-12-05	21:00:00"	10.348	106.21	24.019	85.87	0.09518	26.474	0
"2013-12-05	22:00:00"	8.7961	89.648	23.415	86.363	0.09603	26.48	0
"2013-12-05	23:00:00"	7.8678	81.138	22.827	86.056	0.11087	26.503	0
"2013-12-06	00:00:00"	8.4096	101.55	22.998	86.314	0.11871	26.5	0
"2013-12-06	01:00:00"	8.8288	87.486	22.148	85.688	0.09872	26.485	0
"2013-12-06	02:00:00"	9.0521	100.19	22	85.268	0.08458	26.497	0
"2013-12-06	03:00:00"	8.5581	81.567	21.93	85.204	0.09539	26.497	0
"2013-12-06	04:00:00"	9.0472	75.253	21.806	84.172	0.10239	26.506	0
"2013-12-06	05:00:00"	11.684	69.049	21.993	83.405	0.08755	26.533	0
"2013-12-06	06:00:00"	10.801	77.935	22.075	83.578	0.12676	26.545	0
"2013-12-06	07:00:00"	9.2796	81.295	22.25	84.815	0.09475	26.55	0
"2013-12-06	08:00:00"	11.275	82.646	22.002	84.565	1.5833	26.589	0
"2013-12-06	09:00:00"	11.364	83.155	21.586	86.43	21.289	26.618	0
"2013-12-06	10:00:00"	9.7518	91.215	21.176	86.897	70.188	26.636	0
"2013-12-06	11:00:00"	9.63	98.831	21.56	87.232	122.59	26.657	0
"2013-12-06	12:00:00"	9.0813	80.437	22.098	84.716	179.1	26.666	0
"2013-12-06	13:00:00"	7.6292	95.006	22.76	83.863	190.11	26.639	0
"2013-12-06	14:00:00"	11.972	126.99	23.719	80.603	194.67	26.633	0
"2013-12-06	15:00:00"	9.589	78.213	24.37	78.393	207.01	26.621	0
"2013-12-06	16:00:00"	6.8661	96.723	25.469	75.864	176.72	26.627	0
"2013-12-06	17:00:00"	6.9556	101.63	25.866	74.146	74.804	26.636	0
"2013-12-06	18:00:00"	6.2839	111.1	25.823	73.903	12.816	26.663	0
"2013-12-06	19:00:00"	5.5532	117.7	25.697	74.27	0.10366	26.674	0
"2013-12-06	20:00:00"	6.2982	107.98	25.647	75.854	0.11871	26.686	0
"2013-12-06	21:00:00"	6.0316	124.48	25.345	76.857	0.11489	26.695	0

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"2013-12-06	22:00:00"	6.6474	117.13	24.751	77.662	0.09115	26.701	0
"2013-12-06	23:00:00"	7.3446	138.9	23.656	79.106	0.10196	26.728	0
"2013-12-07	00:00:00"	7.3427	135.94	22.095	79.503	0.09984	26.725	0
"2013-12-07	01:00:00"	8.299	133.86	20.793	80.38	0.12062	26.719	0
"2013-12-07	02:00:00"	8.5731	135.12	19.429	79.189	0.12846	26.728	0
"2013-12-07	03:00:00"	8.2555	145.02	18.422	77.843	0.10429	26.736	0
"2013-12-07	04:00:00"	7.7609	119.41	17.767	79.233	0.10429	26.734	0
"2013-12-07	05:00:00"	8.6743	123.98	17.406	78.51	0.11765	26.719	0
"2013-12-07	06:00:00"	10.84	108.38	16.505	82.104	0.11299	26.698	0
"2013-12-07	07:00:00"	10.498	105.38	15.129	79.722	0.11595	26.713	0
"2013-12-07	08:00:00"	9.5461	95.716	14.463	73.917	1.4188	26.716	0
"2013-12-07	09:00:00"	9.4131	103.32	14.668	69.499	21.538	26.728	0
"2013-12-07	10:00:00"	9.2236	112.03	15.007	67.854	66.58	26.728	0
"2013-12-07	11:00:00"	8.7824	120.8	15.423	67.25	136.6	26.722	0
"2013-12-07	12:00:00"	8.7955	132.71	16.469	65.432	188.26	26.686	0
"2013-12-07	13:00:00"	7.8187	145.45	17.606	64.441	218.51	26.633	0
"2013-12-07	14:00:00"	7.5478	154.76	17.959	64.258	190.35	26.586	0
"2013-12-07	15:00:00"	5.5799	176.27	18.601	68.688	176.41	26.568	0
"2013-12-07	16:00:00"	5.5451	179.48	18.384	75.656	114.94	26.539	0
"2013-12-07	17:00:00"	6.8668	178.09	17.761	84.64	56.48	26.53	0
"2013-12-07	18:00:00"	6.822	178.76	17.432	87.283	9.4464	26.527	0
"2013-12-07	19:00:00"	7.7137	174.74	17.161	88.698	0.11956	26.521	0
"2013-12-07	20:00:00"	7.9921	184.25	17.119	88.95	0.09009	26.518	0
"2013-12-07	21:00:00"	8.5382	188.94	17.135	89.48	0.07801	26.497	0
"2013-12-07	22:00:00"	9.3044	196.19	17.646	89.895	0.11871	26.483	0
"2013-12-07	23:00:00"	7.9566	199.5	18.246	89.651	0.11129	26.471	0
"2013-12-08	00:00:00"	9.4803	196.64	19.239	90.046	0.09751	26.45	0
"2013-12-08	01:00:00"	16.819	126.15	20.449	90.275	0.11065	26.435	0
"2013-12-08	02:00:00"	18.069	30.424	21.199	90.256	0.08776	26.409	0
"2013-12-08	03:00:00"	16.42	27.041	20.95	90.138	0.11235	26.4	0
"2013-12-08	04:00:00"	15.608	25.23	20.886	90.317	0.08967	26.391	0
"2013-12-08	05:00:00"	18.032	348.92	21.313	90.457	0.11171	26.379	0
"2013-12-08	06:00:00"	21.248	355.62	21.609	90.552	0.11023	26.37	0
"2013-12-08	07:00:00"	19.909	329.43	22.27	90.759	0.08373	26.382	0
"2013-12-08	08:00:00"	26.035	7.418	22.655	90.813	2.1656	26.379	0
"2013-12-08	09:00:00"	24.402	351.56	23.054	90.806	46.855	26.388	0
"2013-12-08	10:00:00"	27.562	17.257	23.973	90.612	135.1	26.394	0
"2013-12-08	11:00:00"	37.853	349.94	25.782	90.732	252.27	26.391	0
"2013-12-08	12:00:00"	29.73	274.45	28.744	91.296	382.72	26.394	0
"2013-12-08	13:00:00"	6.8941	269.26	33.27	91.403	562.06	26.37	0.07
"2013-12-08	14:00:00"	11.026	268.93	42.717	61.223	595.86	26.356	0.05
"2013-12-08	15:00:00"	11.13	266.74	47.531	49.424	528.84	26.344	0.02
"2013-12-08	16:00:00"	9.9401	252.26	50.921	44.083	395.53	26.341	0
"2013-12-08	17:00:00"	9.0813	230.46	51.089	43.726	223.03	26.344	0
"2013-12-08	18:00:00"	6.2094	274.53	50.935	38.01	48.164	26.356	0
"2013-12-08	19:00:00"	5.0114	262.75	47.384	43.287	0.13185	26.373	0
"2013-12-08	20:00:00"	4.6099	254.42	46.885	41.829	0.08818	26.376	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-08	21:00:00"	1.3652	16.81	41.632	50.179	0.09094	26.379	0
"2013-12-08	22:00:00"	3.0975	266.45	41.386	48.086	0.08988	26.391	0
"2013-12-08	23:00:00"	3.1883	228.57	41.677	46.097	0.09603	26.391	0
"2013-12-09	00:00:00"	2.4737	198.48	37.923	56.837	0.08331	26.394	0
"2013-12-09	01:00:00"	3.2933	75.369	32.619	74.114	0.0867	26.382	0
"2013-12-09	02:00:00"	6.2609	83.524	31.757	81.701	0.08416	26.415	0
"2013-12-09	03:00:00"	3.5356	75.158	29.937	86.338	0.07123	26.42	0
"2013-12-09	04:00:00"	2.703	139.06	30.43	88.172	0.06677	26.409	0
"2013-12-09	05:00:00"	4.792	68.721	30.016	89.392	0.07695	26.409	0
"2013-12-09	06:00:00"	7.0296	81.838	30.61	89.581	0.08161	26.415	0
"2013-12-09	07:00:00"	11.583	96.016	30.327	88.601	0.08903	26.435	0
"2013-12-09	08:00:00"	12.096	89.631	26.51	88.15	5.0063	26.444	0
"2013-12-09	09:00:00"	11.948	90.096	26.075	89.575	61.19	26.488	0
"2013-12-09	10:00:00"	12.733	97.793	25.978	91.807	112.55	26.497	0
"2013-12-09	11:00:00"	11.703	91.883	26.793	91.73	176.83	26.527	0
"2013-12-09	12:00:00"	11.531	91.632	26.957	91.649	172.55	26.547	0
"2013-12-09	13:00:00"	10.909	86.568	26.775	91.664	145.77	26.53	0
"2013-12-09	14:00:00"	10.259	85.224	26.599	91.605	143.21	26.518	0
"2013-12-09	15:00:00"	9.4765	89.961	27.463	91.641	117.36	26.53	0
"2013-12-09	16:00:00"	8.6669	69.623	26.453	91.573	70.122	26.556	0
"2013-12-09	17:00:00"	8.363	69.05	26.436	91.176	55.559	26.58	0
"2013-12-09	18:00:00"	6.9165	51.912	26.997	89.489	15.423	26.604	0
"2013-12-09	19:00:00"	3.8152	57.083	26.714	88.008	0.10938	26.636	0
"2013-12-09	20:00:00"	0.82394	223.94	24.895	90.202	0.09179	26.657	0
"2013-12-09	21:00:00"	0.7966	220.72	23.62	90.792	0.08797	26.686	0
"2013-12-09	22:00:00"	2.1524	261.33	23.594	91.324	0.10493	26.701	0
"2013-12-09	23:00:00"	8.2885	295.04	23.407	91.154	0.08543	26.728	0
"2013-12-10	00:00:00"	14.165	300.89	22.565	91.46	0.0956	26.736	0
"2013-12-10	01:00:00"	17.409	304.33	22.221	91.689	0.09306	26.742	0
"2013-12-10	02:00:00"	3.1553	279.21	21.925	90.801	0.09327	26.734	0
"2013-12-10	03:00:00"	2.0369	301.02	19.811	90.756	0.10811	26.722	0
"2013-12-10	04:00:00"	3.6475	344.14	19.42	90.961	0.08522	26.716	0
"2013-12-10	05:00:00"	4.8666	352.23	19.344	90.516	0.09221	26.701	0
"2013-12-10	06:00:00"	6.0801	4.8386	20.406	88.447	0.10133	26.701	0
"2013-12-10	07:00:00"	3.8202	326.69	16.66	85.661	0.09815	26.722	0
"2013-12-10	08:00:00"	3.8556	349.57	16.324	81.264	10.029	26.736	0
"2013-12-10	09:00:00"	3.553	283.53	18.091	83.015	114.65	26.751	0
"2013-12-10	10:00:00"	6.2367	260.8	23.192	83.379	225.61	26.763	0
"2013-12-10	11:00:00"	7.8032	249.37	24.663	88.972	268.69	26.769	0
"2013-12-10	12:00:00"	5.5345	260.79	28.028	89.678	410.2	26.745	0
"2013-12-10	13:00:00"	6.7158	258.39	33.546	77.827	603.08	26.692	0
"2013-12-10	14:00:00"	7.4888	254.28	39.699	58.02	541.18	26.657	0
"2013-12-10	15:00:00"	10.548	233.77	42.409	42.701	500.98	26.63	0
"2013-12-10	16:00:00"	12.897	226.72	42.715	33.008	394.14	26.615	0
"2013-12-10	17:00:00"	11.961	226.81	42.341	35.506	223.59	26.607	0
"2013-12-10	18:00:00"	8.9036	230.08	41.197	41.865	45.188	26.586	0
"2013-12-10	19:00:00"	7.6491	228.21	38.551	47.413	0.26561	26.583	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-10	20:00:00"	8.7402	232.92	37.653	45.073	0.22427	26.589	0
"2013-12-10	21:00:00"	4.4708	252.28	35.153	49.069	0.21431	26.592	0
"2013-12-10	22:00:00"	2.7403	321.45	33.156	54.712	0.19778	26.595	0
"2013-12-10	23:00:00"	2.8409	312.54	33.82	52.38	0.15877	26.598	0
"2013-12-11	00:00:00"	2.327	322.7	33.51	51.862	0.20774	26.595	0
"2013-12-11	01:00:00"	1.8287	331.57	30.383	59.475	0.17616	26.592	0
"2013-12-11	02:00:00"	2.396	290.19	32.716	54.087	0.2177	26.58	0
"2013-12-11	03:00:00"	1.6007	285.14	32.119	56.236	0.19735	26.577	0
"2013-12-11	04:00:00"	2.117	299.96	32.06	56.892	0.23169	26.598	0
"2013-12-11	05:00:00"	4.3496	24.726	29.338	68.585	0.16407	26.63	0
"2013-12-11	06:00:00"	3.3734	316.11	29.17	68.283	0.15093	26.63	0
"2013-12-11	07:00:00"	11.138	13.859	31.469	64.171	0.19672	26.677	0
"2013-12-11	08:00:00"	14.134	54.452	31.981	52.784	2.8238	26.707	0
"2013-12-11	09:00:00"	15.163	49.487	31.741	51.157	58.641	26.734	0
"2013-12-11	10:00:00"	19.508	63.093	34.412	44.349	236.02	26.769	0
"2013-12-11	11:00:00"	18.66	73.973	37.889	38.526	457.44	26.801	0
"2013-12-11	12:00:00"	16.413	72.249	39.332	36.871	527.05	26.807	0
"2013-12-11	13:00:00"	13.975	76.692	41.49	34.054	592.53	26.807	0
"2013-12-11	14:00:00"	12.404	75.587	43.262	32.168	629.47	26.796	0
"2013-12-11	15:00:00"	12.235	75.414	43.998	31.655	445.9	26.79	0
"2013-12-11	16:00:00"	11.615	64.305	43.314	33.569	228.9	26.807	0
"2013-12-11	17:00:00"	9.7332	66.333	41.422	36.748	107.35	26.834	0
"2013-12-11	18:00:00"	5.7365	86.687	39.203	40.676	21.299	26.852	0
"2013-12-11	19:00:00"	4.6584	101.04	36.422	46.531	0.23487	26.869	0
"2013-12-11	20:00:00"	3.3529	91.111	33.544	54.363	0.15051	26.875	0
"2013-12-11	21:00:00"	1.088	44.611	30.181	63.457	0.21601	26.881	0
"2013-12-11	22:00:00"	1.1384	352.39	29.175	67.472	0.1717	26.887	0
"2013-12-11	23:00:00"	1.3608	150.49	29.809	68.036	0.17107	26.89	0
"2013-12-12	00:00:00"	1.0489	25.647	28.083	72.534	0.21007	26.89	0
"2013-12-12	01:00:00"	1.7175	49.233	26.768	76.144	0.1929	26.872	0
"2013-12-12	02:00:00"	2.5364	83.523	26.843	76.329	0.18781	26.855	0
"2013-12-12	03:00:00"	2.2829	90.778	25.855	79.415	0.21834	26.852	0
"2013-12-12	04:00:00"	2.3028	69.896	25.205	81.046	0.18527	26.84	0
"2013-12-12	05:00:00"	2.2258	330.62	25.233	81.84	0.20668	26.831	0
"2013-12-12	06:00:00"	2.2475	344.47	25.418	81.094	0.22046	26.828	0
"2013-12-12	07:00:00"	2.9981	262.57	26.382	80.049	0.13079	26.834	0
"2013-12-12	08:00:00"	2.9316	211.99	26.993	79.316	3.3179	26.834	0
"2013-12-12	09:00:00"	2.8409	196.46	28.368	76.81	49.124	26.846	0
"2013-12-12	10:00:00"	5.0406	226.06	30.189	73.82	135.95	26.849	0
"2013-12-12	11:00:00"	5.7725	226.61	32.296	67.699	197.66	26.843	0
"2013-12-12	12:00:00"	6.3218	268.37	34.402	60.828	244.45	26.822	0
"2013-12-12	13:00:00"	6.0938	281.48	36.753	54.235	244.76	26.772	0
"2013-12-12	14:00:00"	3.827	294.56	38.676	49.276	185.25	26.745	0
"2013-12-12	15:00:00"	4.3658	258.57	39.407	48.309	125.51	26.704	0
"2013-12-12	16:00:00"	4.5571	229.75	39.354	48.586	80.897	26.689	0
"2013-12-12	17:00:00"	6.0087	242.98	39.487	48.584	55.114	26.689	0
"2013-12-12	18:00:00"	5.0437	228.63	39.101	50.36	11.378	26.648	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-12	19:00:00"	4.6771	193.02	38.389	55.021	0.17022	26.63	0
"2013-12-12	20:00:00"	6.0012	246.69	38.176	57.455	0.16789	26.648	0
"2013-12-12	21:00:00"	5.4724	238.26	37.624	58.935	0.15453	26.624	0
"2013-12-12	22:00:00"	6.4554	258.72	37.323	59.817	0.19481	26.615	0
"2013-12-12	23:00:00"	5.9179	251.97	37.189	62.325	0.17319	26.598	0
"2013-12-13	00:00:00"	5.9863	250.94	37.307	62.281	0.18612	26.574	0
"2013-12-13	01:00:00"	4.9828	224.05	37.35	64.01	0.15814	26.527	0
"2013-12-13	02:00:00"	5.6203	238.09	37.039	65.753	0.16577	26.503	0
"2013-12-13	03:00:00"	3.7183	272.78	36.413	71.616	0.16916	26.474	0
"2013-12-13	04:00:00"	2.5924	285.22	35.648	74.896	0.1363	26.444	0
"2013-12-13	05:00:00"	5.0126	258.17	36.347	71.293	0.1416	26.42	0
"2013-12-13	06:00:00"	5.6104	256.35	36.247	71.141	0.12528	26.4	0
"2013-12-13	07:00:00"	6.123	256.79	34.84	75.447	0.18188	26.391	0
"2013-12-13	08:00:00"	7.1234	252	34.046	78.841	3.7525	26.385	0
"2013-12-13	09:00:00"	7.326	251.64	34.354	82.133	71.316	26.382	0
"2013-12-13	10:00:00"	9.3622	237.31	37.384	79.502	190.32	26.373	0
"2013-12-13	11:00:00"	9.7729	256.9	43.785	66.975	305.27	26.376	0
"2013-12-13	12:00:00"	13.078	258.83	51.188	57.008	529.53	26.335	0
"2013-12-13	13:00:00"	14.638	283.47	59.506	44.863	588.5	26.314	0
"2013-12-13	14:00:00"	17.684	307.05	60.254	41.975	580.3	26.291	0
"2013-12-13	15:00:00"	16.499	312.38	60.705	40.049	515.96	26.261	0
"2013-12-13	16:00:00"	17.439	302.11	60.919	37.559	388.82	26.273	0
"2013-12-13	17:00:00"	18.214	310.22	59.717	38.345	219.9	26.273	0
"2013-12-13	18:00:00"	16.386	314.85	57.611	39.917	48.661	26.291	0
"2013-12-13	19:00:00"	10.794	318.23	54.287	42.332	0.2035	26.311	0
"2013-12-13	20:00:00"	7.0028	331.36	50.048	49.645	0.13948	26.329	0
"2013-12-13	21:00:00"	6.2889	333.66	46.293	58.099	0.17488	26.341	0
"2013-12-13	22:00:00"	6.5524	325.72	45.831	60.846	0.14309	26.356	0
"2013-12-13	23:00:00"	4.5472	335.35	42.491	67.189	0.18866	26.37	0
"2013-12-14	00:00:00"	7.728	351.96	41.907	69.625	0.15708	26.385	0
"2013-12-14	01:00:00"	8.3456	354.42	40.858	69.495	0.15771	26.4	0
"2013-12-14	02:00:00"	8.2369	0.84153	39.493	70.766	0.1787	26.406	0
"2013-12-14	03:00:00"	9.6754	9.9906	37.887	66.284	0.15559	26.432	0
"2013-12-14	04:00:00"	10.103	18.998	38.072	53.07	0.2141	26.456	0
"2013-12-14	05:00:00"	14.293	26.927	37.861	47.417	0.17382	26.485	0
"2013-12-14	06:00:00"	13.852	37.032	36.859	47.077	0.24166	26.518	0
"2013-12-14	07:00:00"	11.988	38.924	35.195	50.172	0.20286	26.553	0
"2013-12-14	08:00:00"	12.884	49.76	33.777	54.379	4.6233	26.589	0
"2013-12-14	09:00:00"	15.879	51.857	35.217	52.361	88.04	26.639	0
"2013-12-14	10:00:00"	17.433	47.255	38.378	46.994	249.71	26.666	0
"2013-12-14	11:00:00"	18.677	54.055	42.596	40.363	418.16	26.68	0
"2013-12-14	12:00:00"	18.381	56.644	45.488	37.97	540.65	26.704	0
"2013-12-14	13:00:00"	15.115	55.293	47.985	35.879	602.44	26.686	0
"2013-12-14	14:00:00"	12.903	44.052	50.038	33.396	596.51	26.695	0
"2013-12-14	15:00:00"	12.048	46.329	51.359	30.856	524.24	26.683	0
"2013-12-14	16:00:00"	11.308	41.675	52.061	27.673	395.06	26.68	0
"2013-12-14	17:00:00"	10.149	43.053	51.774	25.762	221.64	26.689	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-14	18:00:00"	5.921	40.541	48.623	28.742	46.893	26.692	0
"2013-12-14	19:00:00"	2.6321	52.515	39.834	40.169	0.25883	26.704	0
"2013-12-14	20:00:00"	2.0331	66.732	36.942	45.514	0.18951	26.713	0
"2013-12-14	21:00:00"	1.5273	55.791	34.498	51.148	0.17849	26.731	0
"2013-12-14	22:00:00"	1.0153	54.61	34.625	51.058	0.19799	26.739	0
"2013-12-14	23:00:00"	2.949	340.76	33.244	54.876	0.22809	26.76	0
"2013-12-15	00:00:00"	2.4936	323.8	33.312	55.109	0.25183	26.734	0
"2013-12-15	01:00:00"	2.9173	314.17	36.322	51.121	0.23972	26.728	0
"2013-12-15	02:00:00"	2.0978	322.37	34.825	58.218	0.21537	26.71	0
"2013-12-15	03:00:00"	1.513	1.0219	30.895	68.151	0.16725	26.701	0
"2013-12-15	04:00:00"	2.1997	314.93	32.657	65.459	0.19311	26.68	0
"2013-12-15	05:00:00"	2.4687	306.03	33.251	63.293	0.19163	26.677	0
"2013-12-15	06:00:00"	2.455	300.45	32.573	64.725	0.18167	26.674	0
"2013-12-15	07:00:00"	2.204	289.89	32.032	65.895	0.15708	26.669	0
"2013-12-15	08:00:00"	3.174	265.86	31.12	68.401	4.6057	26.669	0
"2013-12-15	09:00:00"	2.9441	216.19	32.222	66.747	89.609	26.68	0
"2013-12-15	10:00:00"	4.5037	251.81	37.244	58.544	252.51	26.692	0
"2013-12-15	11:00:00"	9.415	237.46	43.805	46.798	423.03	26.683	0
"2013-12-15	12:00:00"	12.787	244.77	49.523	35.982	548.19	26.66	0
"2013-12-15	13:00:00"	12.959	245.65	51.921	33.242	611.23	26.636	0
"2013-12-15	14:00:00"	12.567	253	54.06	29.873	607.11	26.612	0
"2013-12-15	15:00:00"	10.637	261.67	56.053	27.235	535.41	26.604	0
"2013-12-15	16:00:00"	9.2491	262.28	57.87	24.359	405.78	26.589	0
"2013-12-15	17:00:00"	7.3869	270.14	58.439	22.081	234.16	26.595	0
"2013-12-15	18:00:00"	3.1951	264.64	55.992	24.633	53.55	26.595	0
"2013-12-15	19:00:00"	1.7529	339.98	48.098	31.656	0.22364	26.607	0
"2013-12-15	20:00:00"	1.7759	359.32	41.149	41.401	0.16768	26.609	0
"2013-12-15	21:00:00"	1.162	357.91	40.183	43.522	0.2105	26.618	0
"2013-12-15	22:00:00"	1.2751	344.93	38.305	50.148	0.19735	26.627	0
"2013-12-15	23:00:00"	2.5768	344.96	37.919	52.598	0.18442	26.627	0
"2013-12-16	00:00:00"	2.9876	335.25	36.312	55.269	0.184	26.624	0
"2013-12-16	01:00:00"	5.8527	350.65	36.929	56.103	0.15474	26.621	0
"2013-12-16	02:00:00"	6.8562	352.71	37.915	54.682	0.19968	26.607	0
"2013-12-16	03:00:00"	4.8616	346.25	37.119	56.326	0.16577	26.609	0
"2013-12-16	04:00:00"	2.5048	347.15	34.343	61.817	0.17764	26.607	0
"2013-12-16	05:00:00"	3.4399	353.45	33.138	65.192	0.18909	26.601	0
"2013-12-16	06:00:00"	3.4592	344.39	32.546	67.138	0.17933	26.598	0
"2013-12-16	07:00:00"	4.2005	339.14	32.092	69.108	0.19184	26.592	0
"2013-12-16	08:00:00"	2.3544	327.91	31.084	71.155	4.5056	26.598	0
"2013-12-16	09:00:00"	2.8968	324.51	36.659	59.053	87.692	26.612	0
"2013-12-16	10:00:00"	4.7417	337.55	46.477	39.809	250.3	26.627	0
"2013-12-16	11:00:00"	5.4836	329.73	53.094	30.706	419.82	26.636	0
"2013-12-16	12:00:00"	6.187	288.15	58.41	25.791	545.75	26.627	0
"2013-12-16	13:00:00"	6.548	253.82	60.976	23.029	611.59	26.598	0
"2013-12-16	14:00:00"	10.204	240.8	63.624	20.184	610.03	26.571	0
"2013-12-16	15:00:00"	10.458	249.23	65.033	18.631	537.9	26.562	0
"2013-12-16	16:00:00"	8.8757	254.24	65.622	17.936	408.9	26.559	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-16	17:00:00"	8.2928	263.9	65.7	17.527	235.48	26.562	0
"2013-12-16	18:00:00"	4.2806	251.36	62.276	20.38	48.182	26.568	0
"2013-12-16	19:00:00"	3.325	239.62	58.134	23.897	0.16259	26.574	0
"2013-12-16	20:00:00"	1.5528	274.37	52.039	29.857	0.13418	26.583	0
"2013-12-16	21:00:00"	1.5752	299.61	48.923	33.776	0.17255	26.589	0
"2013-12-16	22:00:00"	2.6508	311.14	49.369	32.942	0.19545	26.607	0
"2013-12-16	23:00:00"	1.7983	331.16	43.258	40.044	0.18315	26.612	0
"2013-12-17	00:00:00"	1.7137	343.75	42.402	42.033	0.19354	26.615	0
"2013-12-17	01:00:00"	2.4209	327.72	42.961	42.921	0.17955	26.615	0
"2013-12-17	02:00:00"	2.8614	327.14	41.498	46.664	0.22555	26.612	0
"2013-12-17	03:00:00"	2.1847	330.02	39.837	51.107	0.2035	26.621	0
"2013-12-17	04:00:00"	5.0872	356.47	39.517	52.489	0.18315	26.615	0
"2013-12-17	05:00:00"	4.6746	15.004	38.224	53.501	0.20159	26.607	0
"2013-12-17	06:00:00"	4.7392	2.8225	36.652	55.674	0.17043	26.618	0
"2013-12-17	07:00:00"	5.8104	5.207	35.498	56.985	0.23191	26.633	0
"2013-12-17	08:00:00"	4.9467	5.8043	35.731	55.269	4.1864	26.651	0
"2013-12-17	09:00:00"	6.7108	33.326	40.461	46.61	87.3	26.677	0
"2013-12-17	10:00:00"	9.5561	58.372	46.974	37.285	250.32	26.692	0
"2013-12-17	11:00:00"	6.433	68.784	53.41	29.603	420.97	26.704	0
"2013-12-17	12:00:00"	5.4948	67.615	58.477	23.346	548.81	26.692	0
"2013-12-17	13:00:00"	3.333	36.038	61.932	19.416	615.52	26.666	0
"2013-12-17	14:00:00"	4.1837	64.167	63.908	18.072	613.28	26.645	0
"2013-12-17	15:00:00"	3.6934	94.395	65.115	16.721	544.43	26.633	0
"2013-12-17	16:00:00"	3.9296	93.507	66.068	15.676	413.79	26.639	0
"2013-12-17	17:00:00"	4.1222	94.284	66.068	15.999	238.39	26.636	0
"2013-12-17	18:00:00"	3.6139	119.14	61.594	20.168	57.527	26.645	0
"2013-12-17	19:00:00"	4.3098	125.45	54.685	25.987	0.36291	26.654	0
"2013-12-17	20:00:00"	5.6886	125.09	50.632	31.374	0.12507	26.666	0
"2013-12-17	21:00:00"	4.4422	136.52	47.63	36.976	0.15432	26.669	0
"2013-12-17	22:00:00"	4.564	136.96	46.535	40.42	0.17467	26.669	0
"2013-12-17	23:00:00"	2.2245	67.956	42.57	47.435	0.17976	26.666	0
"2013-12-18	00:00:00"	1.5696	17.979	40.792	51.454	0.18442	26.66	0
"2013-12-18	01:00:00"	1.0601	42.686	41.001	51.844	0.19036	26.645	0
"2013-12-18	02:00:00"	0.77423	199.76	40.883	54.306	0.1664	26.621	0
"2013-12-18	03:00:00"	1.8386	208.45	43.832	49.533	0.19396	26.612	0
"2013-12-18	04:00:00"	1.1906	226.06	41.946	52.617	0.184	26.598	0
"2013-12-18	05:00:00"	1.0731	8.2121	38.014	59.335	0.15835	26.589	0
"2013-12-18	06:00:00"	1.4938	13.368	37.813	60.04	0.18294	26.577	0
"2013-12-18	07:00:00"	1.2794	355.05	37.221	61.342	0.17552	26.574	0
"2013-12-18	08:00:00"	4.0675	222.03	38.383	58.742	4.2178	26.574	0
"2013-12-18	09:00:00"	6.4243	236.81	41.041	54.054	61.682	26.574	0
"2013-12-18	10:00:00"	6.6891	226.64	44.042	49.268	233.65	26.58	0
"2013-12-18	11:00:00"	6.2622	240.42	49.231	41.618	379.9	26.565	0
"2013-12-18	12:00:00"	8.3842	226.12	55.277	33.471	502.97	26.536	0
"2013-12-18	13:00:00"	9.379	241.89	60.839	26.513	557.65	26.497	0
"2013-12-18	14:00:00"	11.45	236.05	63.347	22.791	469.3	26.447	0
"2013-12-18	15:00:00"	12.55	239.1	64.948	20.186	429.91	26.42	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-18	16:00:00"	11.893	234.73	64.651	20.614	247.45	26.403	0
"2013-12-18	17:00:00"	10.853	226.75	63.012	22.605	115.95	26.391	0
"2013-12-18	18:00:00"	5.2326	217.63	59.365	26.473	27.557	26.373	0
"2013-12-18	19:00:00"	5.8844	211.9	54.645	31.709	0.17594	26.376	0
"2013-12-18	20:00:00"	6.0888	215.65	53.686	32.84	0.16619	26.379	0
"2013-12-18	21:00:00"	9.3902	232.16	55.984	30.255	0.11892	26.376	0
"2013-12-18	22:00:00"	9.195	231.35	52.664	39.16	0.1681	26.367	0
"2013-12-18	23:00:00"	9.2653	224.01	49.717	47.306	0.16725	26.35	0
"2013-12-19	00:00:00"	9.5275	222.83	48.666	50.835	0.15983	26.341	0
"2013-12-19	01:00:00"	10.126	231.94	48.095	55.55	0.13376	26.314	0
"2013-12-19	02:00:00"	8.148	238.38	46.212	63.571	0.17319	26.299	0
"2013-12-19	03:00:00"	7.0743	231.22	45.07	70.287	0.13503	26.273	0
"2013-12-19	04:00:00"	4.6205	261.2	44.191	76.185	0.16471	26.273	0
"2013-12-19	05:00:00"	5.5911	249.45	43.218	79.887	0.15559	26.258	0
"2013-12-19	06:00:00"	5.4314	249.5	42.704	83.826	0.12994	26.252	0
"2013-12-19	07:00:00"	4.6373	247.41	42.035	86.594	0.1009	26.243	0
"2013-12-19	08:00:00"	5.3997	252.16	42.425	86.806	3.5021	26.258	0
"2013-12-19	09:00:00"	4.7025	250.49	42.521	85.348	67.187	26.264	0
"2013-12-19	10:00:00"	6.3604	233.91	44.628	78.468	182.01	26.279	0
"2013-12-19	11:00:00"	5.0561	251.23	49.575	64.699	312.46	26.282	0
"2013-12-19	12:00:00"	7.8081	245.73	57.926	42.19	526.48	26.264	0
"2013-12-19	13:00:00"	10.524	261.15	64.25	27.584	600.45	26.229	0
"2013-12-19	14:00:00"	13.302	268.61	69.572	20.607	597.95	26.196	0
"2013-12-19	15:00:00"	13.073	283.73	73.053	15.328	526.05	26.178	0
"2013-12-19	16:00:00"	14.868	275.52	73.634	14.513	396.15	26.175	0
"2013-12-19	17:00:00"	13.237	280.94	72.273	14.803	210.06	26.175	0
"2013-12-19	18:00:00"	8.698	286.48	68.944	16.405	55.028	26.175	0
"2013-12-19	19:00:00"	3.914	276.84	63.574	19.928	0.3167	26.187	0
"2013-12-19	20:00:00"	3.8395	305.02	60.09	23.237	0.11786	26.196	0
"2013-12-19	21:00:00"	5.1095	253.37	59.369	23.824	0.13927	26.22	0
"2013-12-19	22:00:00"	1.8312	38.02	52.056	31.746	0.14393	26.217	0
"2013-12-19	23:00:00"	2.0667	253.89	53.962	29.878	0.19523	26.223	0
"2013-12-20	00:00:00"	4.5317	254.94	57.449	33.488	0.1681	26.234	0
"2013-12-20	01:00:00"	6.42	227.86	53.002	52.409	0.15157	26.22	0
"2013-12-20	02:00:00"	3.827	238.53	51.089	60.607	0.15729	26.22	0
"2013-12-20	03:00:00"	3.3778	244.69	47.321	68.773	0.1575	26.226	0
"2013-12-20	04:00:00"	4.9144	241.77	48.404	74.311	0.17086	26.226	0
"2013-12-20	05:00:00"	3.9041	290.82	47.209	78.019	0.13143	26.22	0
"2013-12-20	06:00:00"	1.1999	358.07	45.092	83.601	0.11002	26.199	0
"2013-12-20	07:00:00"	2.3463	322.31	46.304	72.786	0.13376	26.22	0
"2013-12-20	08:00:00"	1.9741	244.92	49.164	55.349	0.75634	26.237	0
"2013-12-20	09:00:00"	4.3241	261.16	49.168	58.078	16.572	26.237	0
"2013-12-20	10:00:00"	5.8092	142.69	48.651	65.773	60.041	26.276	0
"2013-12-20	11:00:00"	11.577	93.946	46.402	48.681	68.947	26.279	0
"2013-12-20	12:00:00"	11.498	81.454	42.491	62.041	108.4	26.264	0.01
"2013-12-20	13:00:00"	13.69	80.562	40.122	76.694	143.06	26.226	0.03
"2013-12-20	14:00:00"	14.28	68.155	37.103	83.524	62.506	26.22	0.04

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"2013-12-20	15:00:00"	14.426	58.552	35.421	88.499	48.089	26.187	0.09
"2013-12-20	16:00:00"	15.11	60.909	35.246	91.217	12.26	26.172	0.21
"2013-12-20	17:00:00"	11.414	79.57	35.884	91.892	12.44	26.187	0.13
"2013-12-20	18:00:00"	12.356	109.39	36.544	92.077	2.5887	26.187	0.1
"2013-12-20	19:00:00"	12.888	155.05	37.531	92.579	0.09242	26.152	0.06
"2013-12-20	20:00:00"	9.0329	123.51	37.804	92.122	0.08331	26.146	0.01
"2013-12-20	21:00:00"	5.3811	123.4	37.189	92.538	0.08458	26.161	0.03
"2013-12-20	22:00:00"	6.1248	107.65	38.063	92.734	0.09264	26.161	0
"2013-12-20	23:00:00"	4.5584	84.627	38.666	92.731	0.09666	26.149	0
"2013-12-21	00:00:00"	3.3424	62.945	39.261	92.812	0.09073	26.14	0
"2013-12-21	01:00:00"	3.6537	31.41	39.771	92.793	0.08076	26.105	0
"2013-12-21	02:00:00"	4.0066	105.07	39.911	92.722	0.08818	26.072	0
"2013-12-21	03:00:00"	4.459	152.51	40.4	92.877	0.07822	26.06	0.01
"2013-12-21	04:00:00"	5.1468	259.78	41.245	92.954	0.07038	26.087	0.02
"2013-12-21	05:00:00"	7.641	308	41.608	92.246	0.09984	26.081	0
"2013-12-21	06:00:00"	3.9047	292.27	41.124	89.371	0.07038	26.069	0
"2013-12-21	07:00:00"	5.2537	261.41	40.358	88.657	0.08628	26.054	0
"2013-12-21	08:00:00"	6.0192	235.29	39.061	89.299	1.2568	26.066	0
"2013-12-21	09:00:00"	9.5032	255.92	38.08	82.97	73.604	26.054	0
"2013-12-21	10:00:00"	13.287	262.09	40.776	74.771	223.32	26.051	0
"2013-12-21	11:00:00"	16.873	271.11	43.114	67.528	326.89	26.057	0
"2013-12-21	12:00:00"	17.744	267.06	44.265	66.643	419.57	26.04	0
"2013-12-21	13:00:00"	16.962	285.29	47.635	60.902	563.5	26.019	0
"2013-12-21	14:00:00"	16.747	307.24	50.128	54.902	530.75	26.016	0
"2013-12-21	15:00:00"	17.424	307.72	51.857	52.741	489.74	26.025	0
"2013-12-21	16:00:00"	17.991	303.87	53.054	49.543	365.7	26.048	0
"2013-12-21	17:00:00"	17.241	297.8	52.459	48.661	177.33	26.072	0
"2013-12-21	18:00:00"	16.863	299.12	50.836	49.893	61.28	26.093	0
"2013-12-21	19:00:00"	10.774	291.61	47.425	56.344	0.16556	26.119	0
"2013-12-21	20:00:00"	5.7141	284.86	44.473	63.303	0.08585	26.143	0
"2013-12-21	21:00:00"	5.3997	281.32	42.241	70.465	0.07801	26.167	0
"2013-12-21	22:00:00"	5.0785	274.95	42.305	70.75	0.09899	26.199	0
"2013-12-21	23:00:00"	4.042	257.39	41.114	72.123	0.09497	26.22	0
"2013-12-22	00:00:00"	8.3991	316.76	43.212	61.907	0.11765	26.243	0
"2013-12-22	01:00:00"	6.7903	326.24	43.016	63.612	0.06359	26.258	0
"2013-12-22	02:00:00"	9.2882	334.41	42.861	66.692	0.06762	26.294	0
"2013-12-22	03:00:00"	13.122	59.013	35.373	86.614	0.09475	26.32	0.01
"2013-12-22	04:00:00"	12.352	47.043	33.363	83.316	0.11362	26.35	0
"2013-12-22	05:00:00"	11.555	43.712	31.146	78.081	0.10366	26.391	0
"2013-12-22	06:00:00"	9.2242	45.399	30.552	76.498	0.08818	26.426	0
"2013-12-22	07:00:00"	8.1816	60.083	30.952	74.031	0.07758	26.471	0
"2013-12-22	08:00:00"	7.0681	53.79	31.636	71.128	1.2392	26.503	0
"2013-12-22	09:00:00"	7.8827	34.954	32.429	68.739	57.082	26.542	0
"2013-12-22	10:00:00"	12.312	38.093	34.765	61.512	219.73	26.571	0
"2013-12-22	11:00:00"	12.023	50.937	37.06	60.226	368.61	26.601	0
"2013-12-22	12:00:00"	10.674	61.846	38.879	59.19	502.93	26.609	0
"2013-12-22	13:00:00"	7.974	68.154	39.641	59.005	469.34	26.595	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-22	14:00:00"	5.4314	40.009	41.083	55.643	526.18	26.58	0
"2013-12-22	15:00:00"	3.6785	26.635	42.575	49.737	480.55	26.583	0
"2013-12-22	16:00:00"	4.5099	12.678	42.933	50.886	273.41	26.595	0
"2013-12-22	17:00:00"	5.1909	335.66	42.807	51.333	146.62	26.612	0
"2013-12-22	18:00:00"	3.2019	356.69	41.968	53.716	61.942	26.618	0
"2013-12-22	19:00:00"	0.77982	336.13	38.562	61.981	0.29232	26.627	0
"2013-12-22	20:00:00"	1.5267	19.345	36.248	69.995	0.10981	26.639	0
"2013-12-22	21:00:00"	1.1781	216.68	36.336	69.747	0.08331	26.651	0
"2013-12-22	22:00:00"	1.2775	231.58	35.12	71.324	0.07843	26.657	0
"2013-12-22	23:00:00"	3.6307	232.93	34.944	70.168	0.08267	26.666	0
"2013-12-23	00:00:00"	4.9107	247.21	35.416	68.254	0.08691	26.672	0
"2013-12-23	01:00:00"	2.9789	263.8	33.396	74.258	0.0814	26.672	0
"2013-12-23	02:00:00"	6.2237	249.31	33.195	73.437	0.08585	26.666	0
"2013-12-23	03:00:00"	7.1041	250.99	32.541	73.063	0.09497	26.672	0
"2013-12-23	04:00:00"	7.3489	252.99	31.532	75.97	0.11404	26.68	0
"2013-12-23	05:00:00"	5.4705	273.82	30.433	78.291	0.09327	26.677	0
"2013-12-23	06:00:00"	4.5254	275.31	30.111	79.398	0.10048	26.677	0
"2013-12-23	07:00:00"	6.5878	262.45	32.351	71.021	0.08437	26.704	0
"2013-12-23	08:00:00"	4.8585	272.53	31.26	73.401	2.7494	26.719	0
"2013-12-23	09:00:00"	2.0828	284.78	31.69	74.069	78.784	26.742	0
"2013-12-23	10:00:00"	4.0221	270.78	35.651	69.155	236.11	26.769	0
"2013-12-23	11:00:00"	5.2183	264.43	40.226	63.451	408.13	26.778	0
"2013-12-23	12:00:00"	6.9246	296.29	46.11	52.436	539.1	26.784	0
"2013-12-23	13:00:00"	11.449	338.78	49.552	39.934	609.08	26.766	0
"2013-12-23	14:00:00"	11.495	349.05	50.858	37.691	612.11	26.745	0
"2013-12-23	15:00:00"	9.0795	354.65	51.808	32.377	548.36	26.745	0
"2013-12-23	16:00:00"	5.9589	8.068	52.549	29.038	420.66	26.751	0
"2013-12-23	17:00:00"	4.0625	37.73	52.754	26.4	249.05	26.751	0
"2013-12-23	18:00:00"	2.8279	76.909	50.592	31.984	63.898	26.757	0
"2013-12-23	19:00:00"	2.1959	119.27	44.521	43.031	0.32051	26.766	0
"2013-12-23	20:00:00"	3.3156	121.52	41.149	48.429	0.09306	26.784	0
"2013-12-23	21:00:00"	4.344	119.93	39.469	53.119	0.08204	26.798	0
"2013-12-23	22:00:00"	4.9567	130.66	37.072	61.864	0.10705	26.798	0
"2013-12-23	23:00:00"	4.7411	133.63	35.191	68.924	0.1009	26.796	0
"2013-12-24	00:00:00"	5.0387	145.18	34.48	73.409	0.07674	26.796	0
"2013-12-24	01:00:00"	4.8535	150.57	34.149	76.101	0.10154	26.784	0
"2013-12-24	02:00:00"	4.9573	165.29	33.056	81.705	0.092	26.763	0
"2013-12-24	03:00:00"	4.0681	172.7	32.246	85.046	0.08649	26.754	0
"2013-12-24	04:00:00"	3.1746	203.77	31.829	85.87	0.06974	26.739	0
"2013-12-24	05:00:00"	3.727	214.33	31.572	85.842	0.09963	26.722	0
"2013-12-24	06:00:00"	4.884	225.92	31.969	84.542	0.07631	26.701	0
"2013-12-24	07:00:00"	5.5855	235.28	31.947	84.257	0.07525	26.698	0
"2013-12-24	08:00:00"	7.7031	237.47	32.282	83.356	2.749	26.695	0
"2013-12-24	09:00:00"	6.8239	231.69	32.147	83.771	79.525	26.698	0
"2013-12-24	10:00:00"	8.9521	226.25	35.491	80.399	238.37	26.698	0
"2013-12-24	11:00:00"	10.872	226.46	40.787	68.765	410.47	26.689	0
"2013-12-24	12:00:00"	10.872	230.21	45.674	58.24	540.77	26.666	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-24	13:00:00"	10.43	239.27	50.126	47.807	609.02	26.627	0
"2013-12-24	14:00:00"	12.793	225.17	53.324	41.167	611.11	26.583	0
"2013-12-24	15:00:00"	15.573	228.69	55.537	36.296	545.29	26.559	0
"2013-12-24	16:00:00"	15.129	231	56.836	34.703	420.03	26.539	0
"2013-12-24	17:00:00"	14.472	227.38	56.713	35.179	248.36	26.533	0
"2013-12-24	18:00:00"	7.8945	229.92	55.145	36.863	64.56	26.53	0
"2013-12-24	19:00:00"	3.8873	241.62	52.005	41.545	0.35591	26.536	0
"2013-12-24	20:00:00"	4.4347	238.28	48.819	48.004	0.07292	26.539	0
"2013-12-24	21:00:00"	9.3734	229.4	46.128	57.959	0.07801	26.539	0
"2013-12-24	22:00:00"	7.659	237.52	43.349	61.903	0.10853	26.536	0
"2013-12-24	23:00:00"	5.8981	240.09	40.947	66.181	0.07568	26.533	0
"2013-12-25	00:00:00"	5.6855	264.85	39.795	68.441	0.09327	26.547	0
"2013-12-25	01:00:00"	4.1225	270.21	37.326	74.171	0.09153	26.536	0
"2013-12-25	02:00:00"	9.2957	338.19	38.585	71.776	0.10217	26.58	0
"2013-12-25	03:00:00"	19.049	38.79	39.582	66.984	0.10811	26.589	0
"2013-12-25	04:00:00"	21.18	49.092	38.655	69.98	0.08988	26.607	0
"2013-12-25	05:00:00"	18.967	53.736	37.603	74.516	0.06953	26.633	0
"2013-12-25	06:00:00"	17.021	56.932	36.485	77.698	0.09709	26.642	0
"2013-12-25	07:00:00"	15.874	52.921	35.704	79.773	0.08331	26.68	0
"2013-12-25	08:00:00"	12.025	40.261	34.108	83.642	2.3708	26.716	0
"2013-12-25	09:00:00"	11.813	30.84	34.206	84.002	74.089	26.736	0
"2013-12-25	10:00:00"	15.954	40.742	37.087	78.844	220.12	26.763	0
"2013-12-25	11:00:00"	16.776	52.742	39.031	74.161	398.16	26.775	0
"2013-12-25	12:00:00"	14.487	52.627	40.566	70.037	491.05	26.772	0
"2013-12-25	13:00:00"	12.714	49.25	44.236	60.603	598.05	26.754	0
"2013-12-25	14:00:00"	11.623	50.41	46.159	53.678	601.01	26.736	0
"2013-12-25	15:00:00"	11.496	56.902	47.522	47.379	535.77	26.734	0
"2013-12-25	16:00:00"	11.017	70.159	48.071	43.592	412.78	26.736	0
"2013-12-25	17:00:00"	9.653	81.759	47.67	43.431	239.08	26.742	0
"2013-12-25	18:00:00"	6.6456	97.255	45.746	47.269	60.977	26.757	0
"2013-12-25	19:00:00"	2.5955	117.13	41.357	56.136	0.35337	26.772	0
"2013-12-25	20:00:00"	1.518	87.318	36.589	66	0.0831	26.778	0
"2013-12-25	21:00:00"	1.9263	68.867	33.396	73.951	0.07758	26.793	0
"2013-12-25	22:00:00"	2.8925	57.082	32.195	77.262	0.10599	26.801	0
"2013-12-25	23:00:00"	2.8328	56.466	30.641	80.921	0.07674	26.804	0
"2013-12-26	00:00:00"	1.5596	3.112	29.189	84.537	0.07864	26.798	0
"2013-12-26	01:00:00"	4.1135	52.562	29.349	83.585	0.10663	26.793	0
"2013-12-26	02:00:00"	4.6603	49.746	29.446	82.638	0.09751	26.784	0
"2013-12-26	03:00:00"	3.0975	310.93	28.145	85.088	0.11404	26.778	0
"2013-12-26	04:00:00"	4.1358	333.29	25.644	87.42	0.09094	26.769	0
"2013-12-26	05:00:00"	4.3278	335.17	23.75	87.903	0.11828	26.76	0
"2013-12-26	06:00:00"	3.9376	334.29	24.16	89.445	0.10133	26.757	0
"2013-12-26	07:00:00"	2.5271	325.87	25.168	91.137	0.085	26.76	0
"2013-12-26	08:00:00"	4.5826	341.43	27.827	91.388	1.7751	26.763	0
"2013-12-26	09:00:00"	4.2899	348.91	29.853	89.177	91.245	26.763	0
"2013-12-26	10:00:00"	5.0635	318.06	34.448	85.195	234.37	26.76	0
"2013-12-26	11:00:00"	5.8477	275.78	40.686	72.162	395.54	26.754	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-26	12:00:00"	6.5803	260.87	44.161	54.81	529.73	26.739	0
"2013-12-26	13:00:00"	7.0395	242.26	46.178	48.276	601.96	26.704	0
"2013-12-26	14:00:00"	6.7301	248.13	47.559	45.351	602.19	26.677	0
"2013-12-26	15:00:00"	5.4917	243.92	48.813	41.721	540.24	26.66	0
"2013-12-26	16:00:00"	4.9784	229.51	49.248	41.138	417.77	26.66	0
"2013-12-26	17:00:00"	5.0517	235.6	49.145	41.807	248.59	26.654	0
"2013-12-26	18:00:00"	5.8775	215.21	46.235	49.506	65.943	26.648	0
"2013-12-26	19:00:00"	3.8096	208.75	41.383	58.545	0.3822	26.666	0
"2013-12-26	20:00:00"	2.8192	210.8	38.547	62.528	0.0831	26.68	0
"2013-12-26	21:00:00"	1.9685	144.01	37.426	63.503	0.06953	26.698	0
"2013-12-26	22:00:00"	1.7939	143.6	35.558	66.045	0.07928	26.704	0
"2013-12-26	23:00:00"	3.8786	186.04	37.919	56.671	0.08522	26.713	0
"2013-12-27	00:00:00"	2.396	208.35	35.196	62.917	0.085	26.722	0
"2013-12-27	01:00:00"	1.0719	123.77	32.976	67.66	0.10111	26.71	0
"2013-12-27	02:00:00"	0.85501	208.78	31.92	70.643	0.08734	26.713	0
"2013-12-27	03:00:00"	0.88111	128.85	33.419	67.278	0.07631	26.719	0
"2013-12-27	04:00:00"	0.84382	128.82	32.353	71.114	0.08394	26.722	0
"2013-12-27	05:00:00"	1.5217	9.5348	29.385	76.924	0.12062	26.716	0
"2013-12-27	06:00:00"	2.0362	346.36	28.368	80.036	0.09179	26.716	0
"2013-12-27	07:00:00"	2.4588	359.04	28.028	79.087	0.09221	26.725	0
"2013-12-27	08:00:00"	2.8111	359.53	26.622	81.826	1.9985	26.734	0
"2013-12-27	09:00:00"	1.0563	42.863	29.122	80.019	75.279	26.748	0
"2013-12-27	10:00:00"	2.2102	54.245	38.181	69.257	231.71	26.763	0
"2013-12-27	11:00:00"	1.7989	160.27	45.309	47.778	403.35	26.769	0
"2013-12-27	12:00:00"	2.8807	272.65	47.836	41.985	533.7	26.76	0
"2013-12-27	13:00:00"	2.826	264.59	49.583	37.483	604.61	26.734	0
"2013-12-27	14:00:00"	3.1547	177.75	50.067	34.388	610.92	26.704	0
"2013-12-27	15:00:00"	2.6644	210.58	51.805	32.198	547.98	26.695	0
"2013-12-27	16:00:00"	2.7906	230.94	52.587	30.767	381.97	26.692	0
"2013-12-27	17:00:00"	4.1346	230.48	51.108	31.986	169.75	26.686	0
"2013-12-27	18:00:00"	4.1191	236.68	48.945	35.313	44.791	26.677	0
"2013-12-27	19:00:00"	2.7974	225.21	45.555	39.995	0.54246	26.674	0
"2013-12-27	20:00:00"	2.0406	216.15	43.634	41.384	0.08946	26.677	0
"2013-12-27	21:00:00"	2.4078	224.43	42.037	45.404	0.09052	26.68	0
"2013-12-27	22:00:00"	3.2603	218.58	38.725	54.162	0.08628	26.683	0
"2013-12-27	23:00:00"	4.8697	241	37.488	67.109	0.10472	26.683	0
"2013-12-28	00:00:00"	5.2549	264.59	37.163	69.33	0.09772	26.663	0
"2013-12-28	01:00:00"	3.7121	270.17	36.26	77.61	0.06889	26.636	0
"2013-12-28	02:00:00"	4.8082	269.34	35.953	89.297	0.09539	26.615	0
"2013-12-28	03:00:00"	6.4436	290.24	36.496	92.302	0.10451	26.601	0
"2013-12-28	04:00:00"	5.5693	260.36	37.766	92.611	0.07907	26.586	0
"2013-12-28	05:00:00"	7.4105	240.28	37.538	92.765	0.07992	26.568	0
"2013-12-28	06:00:00"	6.3467	245.19	36.893	93.087	0.09158	26.559	0
"2013-12-28	07:00:00"	7.7093	255.69	36.443	93.307	0.11765	26.556	0
"2013-12-28	08:00:00"	11.074	234.49	36.256	93.431	0.5963	26.547	0
"2013-12-28	09:00:00"	12.659	234.99	36.723	93.521	24.022	26.545	0
"2013-12-28	10:00:00"	12.508	236.17	38.406	93.446	88.969	26.539	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-28	11:00:00"	10.141	237.45	39.817	93.05	228.91	26.521	0
"2013-12-28	12:00:00"	10.556	242.51	42.794	82.744	494.79	26.491	0
"2013-12-28	13:00:00"	10.394	242.55	47.089	67.799	593.54	26.441	0
"2013-12-28	14:00:00"	11.002	252.09	51.02	55.104	605.66	26.391	0
"2013-12-28	15:00:00"	11.938	261.11	54.807	39.342	548.87	26.356	0
"2013-12-28	16:00:00"	12.962	256.5	56.99	33.502	423.61	26.329	0
"2013-12-28	17:00:00"	11.825	253.3	58.088	31.354	253.33	26.314	0
"2013-12-28	18:00:00"	10.851	257.72	56.813	29.809	68.65	26.311	0
"2013-12-28	19:00:00"	10.044	250.23	52.913	34.702	0.21982	26.308	0
"2013-12-28	20:00:00"	7.3862	222	48.131	43.173	0.08204	26.314	0
"2013-12-28	21:00:00"	5.7607	235.59	46.219	48.562	0.09348	26.317	0
"2013-12-28	22:00:00"	6.4231	245.05	45.461	50.761	0.10239	26.314	0
"2013-12-28	23:00:00"	5.9627	229.09	43.993	54.186	0.09539	26.302	0
"2013-12-29	00:00:00"	6.7301	241.68	42.64	57.103	0.08522	26.296	0
"2013-12-29	01:00:00"	6.5542	244.86	41.636	59.394	0.10217	26.299	0
"2013-12-29	02:00:00"	6.9929	244.16	41.2	60.48	0.08712	26.302	0
"2013-12-29	03:00:00"	6.1162	249.87	39.142	66.607	0.07907	26.308	0
"2013-12-29	04:00:00"	4.0147	317.34	37.396	70.717	0.07144	26.329	0
"2013-12-29	05:00:00"	17.574	23	40.444	55.279	0.08119	26.347	0
"2013-12-29	06:00:00"	23.646	39.623	36.568	65.232	0.09369	26.388	0
"2013-12-29	07:00:00"	21.389	45.364	34.409	70.485	0.08352	26.429	0
"2013-12-29	08:00:00"	20.625	46.664	32.802	68.1	0.72476	26.483	0
"2013-12-29	09:00:00"	18.964	51.374	31.901	68.595	31.105	26.539	0
"2013-12-29	10:00:00"	19.606	43.177	30.781	66.004	108.99	26.568	0
"2013-12-29	11:00:00"	17.238	53.059	30.904	62.297	260.69	26.589	0
"2013-12-29	12:00:00"	16.648	49.935	30.745	59.776	302.53	26.604	0
"2013-12-29	13:00:00"	13.417	49.917	30.91	56.502	293.96	26.586	0
"2013-12-29	14:00:00"	14.365	42.729	30.784	55.008	277.55	26.565	0
"2013-12-29	15:00:00"	13.629	41.012	31.299	53.438	239.9	26.577	0
"2013-12-29	16:00:00"	13.479	48.258	31.813	51	175.24	26.583	0
"2013-12-29	17:00:00"	12.378	51.287	31.987	48.656	97.844	26.589	0
"2013-12-29	18:00:00"	8.0548	70.827	32.069	48.017	26.893	26.598	0
"2013-12-29	19:00:00"	4.6379	83.296	31.738	49.565	0.24759	26.618	0
"2013-12-29	20:00:00"	2.3556	28.721	27.648	58.976	0.09136	26.63	0
"2013-12-29	21:00:00"	3.8892	24.57	25.583	66.119	0.09221	26.642	0
"2013-12-29	22:00:00"	3.0236	49.385	24.015	71.494	0.07801	26.648	0
"2013-12-29	23:00:00"	3.3299	20.616	23.74	72.951	0.11404	26.651	0
"2013-12-30	00:00:00"	4.0576	2.7964	23.036	74.61	0.09942	26.651	0
"2013-12-30	01:00:00"	5.8925	334.84	21.112	78.904	0.12676	26.63	0
"2013-12-30	02:00:00"	5.1437	324.37	21.348	79.763	0.10196	26.609	0
"2013-12-30	03:00:00"	3.9998	313.5	21.552	81.378	0.10981	26.598	0
"2013-12-30	04:00:00"	3.7643	286.59	21.264	81.015	0.10811	26.583	0
"2013-12-30	05:00:00"	3.5629	308.68	21.498	81.753	0.09327	26.565	0
"2013-12-30	06:00:00"	2.4234	295.93	21.822	79.83	0.09942	26.547	0
"2013-12-30	07:00:00"	4.1812	296.78	23.289	75.513	0.09857	26.559	0
"2013-12-30	08:00:00"	6.1248	266.63	22.181	78.194	1.6433	26.574	0
"2013-12-30	09:00:00"	3.2274	265.55	24.915	74.269	72.825	26.583	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2013-12-30	10:00:00"	6.8929	268.91	31.451	63.001	230.66	26.595	0
"2013-12-30	11:00:00"	8.5041	270.92	38.496	49.7	404.83	26.615	0
"2013-12-30	12:00:00"	7.9287	301.06	46.028	38.993	537.37	26.615	0
"2013-12-30	13:00:00"	8.5296	332.78	51.816	32.124	610.19	26.592	0
"2013-12-30	14:00:00"	10.359	4.6821	56.009	23.35	617.25	26.574	0
"2013-12-30	15:00:00"	11.806	24.882	56.452	21.721	555.72	26.577	0
"2013-12-30	16:00:00"	10.914	50.245	56.601	21.112	431.08	26.595	0
"2013-12-30	17:00:00"	11.497	75.192	54.879	22.628	259.29	26.621	0
"2013-12-30	18:00:00"	8.2102	91.512	51.526	25.762	71.975	26.645	0
"2013-12-30	19:00:00"	3.5132	96.568	43.288	35.465	0.4954	26.666	0
"2013-12-30	20:00:00"	4.6013	77.798	37.482	45.091	0.09369	26.692	0
"2013-12-30	21:00:00"	6.4567	72.98	36.88	47.862	0.08161	26.71	0
"2013-12-30	22:00:00"	7.682	80.246	37.325	47.687	0.09369	26.728	0
"2013-12-30	23:00:00"	7.1464	82.246	36.127	50.134	0.08882	26.742	0
"2013-12-31	00:00:00"	6.8245	99.07	34.537	53.491	0.08416	26.751	0
"2013-12-31	01:00:00"	4.2614	92.105	31.225	60.054	0.08967	26.748	0
"2013-12-31	02:00:00"	3.6916	84.124	28.926	65.441	0.10196	26.739	0
"2013-12-31	03:00:00"	5.1729	96.98	30.64	62.812	0.09878	26.731	0
"2013-12-31	04:00:00"	3.4492	89.161	29.74	65.158	0.09369	26.725	0
"2013-12-31	05:00:00"	3.2274	345.5	28.63	69.219	0.08225	26.71	0
"2013-12-31	06:00:00"	2.4426	349.51	25.364	77.271	0.08098	26.695	0
"2013-12-31	07:00:00"	3.3815	343.67	25.083	77.649	0.08988	26.701	0
"2013-12-31	08:00:00"	3.9215	344.81	25.039	78.804	1.7425	26.692	0
"2013-12-31	09:00:00"	2.8863	334.86	28.439	74.944	72.163	26.704	0
"2013-12-31	10:00:00"	2.6185	316.35	36.588	58.382	227.62	26.719	0
"2013-12-31	11:00:00"	6.9898	228.99	42.221	48.146	400.46	26.71	0
"2013-12-31	12:00:00"	11.106	227.79	45.602	44.615	534.52	26.686	0
"2013-12-31	13:00:00"	11.573	231.15	48.668	41.403	608.7	26.642	0
"2013-12-31	14:00:00"	12.196	240.58	51.166	37.065	616.12	26.601	0
"2013-12-31	15:00:00"	12.195	244.2	53.359	32.908	555.22	26.571	0
"2013-12-31	16:00:00"	11.902	239.92	54.891	29.964	431.94	26.55	0
"2013-12-31	17:00:00"	11.961	238.03	55.807	27.594	261.38	26.545	0
"2013-12-31	18:00:00"	9.5629	228.75	53.873	29.588	74.32	26.53	0
"2013-12-31	19:00:00"	10.225	227.11	50.063	34.642	0.58464	26.524	0
"2013-12-31	20:00:00"	7.9517	232.62	47.742	38.842	0.07398	26.53	0
"2013-12-31	21:00:00"	6.8376	233.14	45.28	42.338	0.07462	26.524	0
"2013-12-31	22:00:00"	7.1427	232.45	42.863	48.267	0.09666	26.518	0
"2013-12-31	23:00:00"	5.5109	247.36	40.363	54.839	0.09073	26.503	0
"2014-01-01	00:00:00"	6.1292	257.6	38.094	61.244	0.0797	26.497	0
"2014-01-01	01:00:00"	6.7201	241.4	37.047	65.448	0.10239	26.477	0
"2014-01-01	02:00:00"	6.3815	251.32	35.685	70.708	0.09581	26.462	0
"2014-01-01	03:00:00"	5.629	266.18	34.525	74.541	0.08882	26.45	0
"2014-01-01	04:00:00"	3.0472	285.91	32.445	80.264	0.09348	26.441	0
"2014-01-01	05:00:00"	4.4366	272.69	35.25	72.938	0.10069	26.429	0
"2014-01-01	06:00:00"	5.665	254.79	35.679	68.53	0.09433	26.423	0
"2014-01-01	07:00:00"	6.9283	233.08	34.439	72.459	0.09412	26.426	0
"2014-01-01	08:00:00"	6.3287	236.26	34.124	67.966	1.8493	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-01	09:00:00"	7.8541	238.69	34.154	67.401	72.312	26.444	0
"2014-01-01	10:00:00"	6.4778	258.62	38.073	64.094	227.57	26.462	0
"2014-01-01	11:00:00"	7.1706	288.34	49.037	42.144	401.15	26.471	0
"2014-01-01	12:00:00"	11.559	310.78	58.722	24.692	534.74	26.447	0
"2014-01-01	13:00:00"	10.829	310.05	62.56	20.493	609.19	26.426	0
"2014-01-01	14:00:00"	13.263	329.33	64.524	18.63	616.69	26.403	0
"2014-01-01	15:00:00"	15.017	333.56	66.778	17.721	556.52	26.397	0
"2014-01-01	16:00:00"	19.763	355.82	67.334	16.544	437.73	26.412	0
"2014-01-01	17:00:00"	15.074	356.58	66.681	16.853	267.08	26.432	0
"2014-01-01	18:00:00"	8.844	3.4135	63.514	18.836	76.296	26.459	0
"2014-01-01	19:00:00"	11.532	72.382	56.462	26.781	0.57489	26.506	0
"2014-01-01	20:00:00"	12.034	79.745	51.409	32.921	0.07525	26.545	0
"2014-01-01	21:00:00"	11.546	81.016	47.351	38.82	0.07207	26.583	0
"2014-01-01	22:00:00"	10.364	74.992	43.51	45.845	0.08225	26.609	0
"2014-01-01	23:00:00"	13.7	73.948	41.617	52.764	0.09009	26.645	0
"2014-01-02	00:00:00"	18.308	70.573	39.773	60.729	0.07419	26.68	0
"2014-01-02	01:00:00"	14.791	68.124	35.971	66.251	0.09136	26.719	0
"2014-01-02	02:00:00"	13.894	66.632	32.383	69.513	0.0956	26.742	0
"2014-01-02	03:00:00"	9.6704	56.186	30.426	74.579	0.07886	26.76	0
"2014-01-02	04:00:00"	8.9583	49.812	28.795	79.028	0.08882	26.763	0
"2014-01-02	05:00:00"	7.4714	19.009	27.236	80.688	0.085	26.775	0
"2014-01-02	06:00:00"	9.1149	348.99	25.347	83.79	0.08691	26.781	0
"2014-01-02	07:00:00"	10.094	350.26	24.457	86.222	0.09242	26.796	0
"2014-01-02	08:00:00"	9.1739	344.43	23.157	86.708	1.8506	26.804	0
"2014-01-02	09:00:00"	6.8978	358.77	24.678	84.356	72.855	26.816	0
"2014-01-02	10:00:00"	8.7582	33.188	31.293	69.395	231.18	26.831	0
"2014-01-02	11:00:00"	5.6017	44.138	35.407	56.812	406.18	26.837	0
"2014-01-02	12:00:00"	2.4165	248.12	39.803	47.316	542.2	26.816	0
"2014-01-02	13:00:00"	3.6941	239.48	41.85	44.16	618.21	26.781	0
"2014-01-02	14:00:00"	3.7605	235.82	43.793	39.27	628.37	26.745	0
"2014-01-02	15:00:00"	5.2027	226.3	45.58	34.946	568.2	26.719	0
"2014-01-02	16:00:00"	6.223	239.4	47.453	31.688	445.29	26.704	0
"2014-01-02	17:00:00"	8.8676	225.81	47.599	32.017	273.77	26.698	0
"2014-01-02	18:00:00"	8.8962	219.51	45.71	35.682	81.971	26.698	0
"2014-01-02	19:00:00"	3.5866	218.24	40.518	43.642	0.69572	26.689	0
"2014-01-02	20:00:00"	3.8687	217.14	37.607	49.976	0.10917	26.695	0
"2014-01-02	21:00:00"	4.9772	209.38	35.574	54.611	0.08182	26.695	0
"2014-01-02	22:00:00"	5.7116	206.43	34.262	56.649	0.10472	26.695	0
"2014-01-02	23:00:00"	4.2955	218.84	32.353	60.916	0.10366	26.692	0
"2014-01-03	00:00:00"	4.1595	214.35	31.749	63.323	0.07398	26.674	0
"2014-01-03	01:00:00"	3.5611	210.55	31.345	64.578	0.09815	26.657	0
"2014-01-03	02:00:00"	2.7956	219.32	30.731	66.415	0.10217	26.642	0
"2014-01-03	03:00:00"	2.9236	228.84	30.109	68.929	0.08967	26.633	0
"2014-01-03	04:00:00"	6.8357	227.22	32.219	64.096	0.09009	26.609	0
"2014-01-03	05:00:00"	7.2862	226.3	31.429	66.451	0.0744	26.598	0
"2014-01-03	06:00:00"	7.595	233.22	32.465	64.257	0.09242	26.589	0
"2014-01-03	07:00:00"	6.4666	236.95	32.274	64.825	0.07313	26.574	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-03	08:00:00"	9.3349	230.05	31.51	66.93	1.7688	26.577	0
"2014-01-03	09:00:00"	7.5211	224.02	31.35	68.146	81.322	26.571	0
"2014-01-03	10:00:00"	12.15	224.33	35.933	60.744	240.43	26.568	0
"2014-01-03	11:00:00"	14.771	225.85	40.86	51.024	380.93	26.553	0
"2014-01-03	12:00:00"	14.796	226.64	44.617	45.153	527.7	26.512	0
"2014-01-03	13:00:00"	14.195	226.06	49.923	38.075	569.34	26.468	0
"2014-01-03	14:00:00"	17.204	227.19	53.645	35.136	605.8	26.423	0
"2014-01-03	15:00:00"	15.421	239.3	56.527	33.978	552.59	26.397	0
"2014-01-03	16:00:00"	14.607	243.56	58.839	32.266	451.21	26.382	0
"2014-01-03	17:00:00"	14.161	236.7	59.718	31.377	277.47	26.364	0
"2014-01-03	18:00:00"	12.301	229.46	58.748	32.846	77.963	26.353	0
"2014-01-03	19:00:00"	9.0938	225.34	53.763	36.637	0.67579	26.347	0
"2014-01-03	20:00:00"	9.9786	224.86	48.378	40.442	0.08988	26.341	0
"2014-01-03	21:00:00"	10.41	233.83	45.649	43.188	0.08946	26.332	0
"2014-01-03	22:00:00"	10.238	232.38	42.988	47.309	0.07928	26.326	0
"2014-01-03	23:00:00"	6.1379	242.26	40.795	51.858	0.07843	26.332	0
"2014-01-04	00:00:00"	5.4003	256.4	38.543	56.775	0.07864	26.323	0
"2014-01-04	01:00:00"	5.8546	262.69	37.112	60.294	0.08522	26.308	0
"2014-01-04	02:00:00"	7.4745	259.85	36.388	61.882	0.07992	26.299	0
"2014-01-04	03:00:00"	5.2928	266.42	34.522	65.9	0.08734	26.302	0
"2014-01-04	04:00:00"	6.0366	261.21	34.588	66.176	0.0903	26.296	0
"2014-01-04	05:00:00"	7.1812	257.35	35.411	63.866	0.10408	26.285	0
"2014-01-04	06:00:00"	5.8732	232.97	33.912	67.496	0.08458	26.288	0
"2014-01-04	07:00:00"	4.4838	223.97	32.65	71.019	0.0761	26.285	0
"2014-01-04	08:00:00"	8.2431	226.91	33.611	68.411	1.748	26.299	0
"2014-01-04	09:00:00"	9.7294	224.21	35.387	64.328	71.553	26.305	0
"2014-01-04	10:00:00"	6.878	229.37	41.515	57.286	214.45	26.311	0
"2014-01-04	11:00:00"	6.599	258.84	48.613	45.895	311.97	26.308	0
"2014-01-04	12:00:00"	9.0242	265.29	55.749	36.984	462.06	26.273	0
"2014-01-04	13:00:00"	11.681	263.53	59.162	31.191	361.14	26.237	0
"2014-01-04	14:00:00"	10.638	258.92	60.344	29.637	354.83	26.214	0
"2014-01-04	15:00:00"	11.236	279.9	64.197	23.27	402.99	26.196	0
"2014-01-04	16:00:00"	12.478	272.68	65.222	20.545	267.28	26.187	0
"2014-01-04	17:00:00"	10.387	266.97	63.879	20.561	133.17	26.184	0
"2014-01-04	18:00:00"	6.6077	268.68	61.566	21.562	39.25	26.172	0
"2014-01-04	19:00:00"	6.0304	270.95	58.444	23.673	0.2565	26.178	0
"2014-01-04	20:00:00"	5.355	271.13	55.663	26.579	0.09391	26.184	0
"2014-01-04	21:00:00"	3.2361	307.65	53.412	29.314	0.07398	26.205	0
"2014-01-04	22:00:00"	4.0315	311.4	52.562	30.659	0.09942	26.214	0
"2014-01-04	23:00:00"	3.5511	295.55	51.788	31.048	0.08818	26.226	0
"2014-01-05	00:00:00"	21.214	58.788	38.226	60.66	0.07737	26.323	0
"2014-01-05	01:00:00"	18.539	60.639	33.409	73.439	0.07462	26.361	0
"2014-01-05	02:00:00"	19.998	55.84	32.891	72.537	0.10663	26.397	0
"2014-01-05	03:00:00"	16.948	50.449	31.583	70.901	0.07822	26.45	0
"2014-01-05	04:00:00"	15.821	43.108	29.494	67.065	0.08585	26.468	0
"2014-01-05	05:00:00"	12.065	45.478	27.444	65.801	0.07123	26.483	0
"2014-01-05	06:00:00"	10.03	24.31	25.857	69.026	0.08734	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-05	07:00:00"	10.491	10.962	24.14	72.406	0.09793	26.536	0
"2014-01-05	08:00:00"	11.096	24.081	22.953	71.551	1.2903	26.568	0
"2014-01-05	09:00:00"	9.1105	25.961	22.895	70.642	76.744	26.604	0
"2014-01-05	10:00:00"	10.626	43.391	24.872	63.019	227.1	26.636	0
"2014-01-05	11:00:00"	8.5358	44.54	27.01	57.18	392.57	26.657	0
"2014-01-05	12:00:00"	6.1342	29.562	29.897	50.128	542.57	26.645	0
"2014-01-05	13:00:00"	4.8231	37.696	32.76	42.261	605.74	26.607	0
"2014-01-05	14:00:00"	4.4981	38.122	35.144	36.296	601.22	26.595	0
"2014-01-05	15:00:00"	4.6075	39.113	36.478	33.481	516.84	26.586	0
"2014-01-05	16:00:00"	5.8601	41.261	37.798	31.3	373.12	26.592	0
"2014-01-05	17:00:00"	5.3898	92.113	37.571	31.312	189.17	26.604	0
"2014-01-05	18:00:00"	3.6537	112.85	36.8	32.074	48.228	26.615	0
"2014-01-05	19:00:00"	3.9308	139.91	33.175	36.998	0.47717	26.642	0
"2014-01-05	20:00:00"	4.4938	142.87	30.319	42.151	0.08288	26.66	0
"2014-01-05	21:00:00"	4.5373	143.15	27.978	47.373	0.11998	26.68	0
"2014-01-05	22:00:00"	4.4732	141.47	26.185	52.225	0.09136	26.692	0
"2014-01-05	23:00:00"	8.2108	125.69	25.531	52.874	0.0797	26.725	0
"2014-01-06	00:00:00"	12.272	116.13	24.478	46.58	0.09539	26.748	0
"2014-01-06	01:00:00"	13.364	108.04	22.206	49.876	0.10599	26.766	0
"2014-01-06	02:00:00"	15.268	102.55	19.707	53.599	0.11235	26.787	0
"2014-01-06	03:00:00"	13.338	98.956	17.074	58.591	0.08479	26.804	0
"2014-01-06	04:00:00"	9.397	90.37	15.042	63.009	0.07843	26.822	0
"2014-01-06	05:00:00"	7.9865	97.786	13.386	66.012	0.08288	26.834	0
"2014-01-06	06:00:00"	5.0225	65.999	11.661	71.306	0.10514	26.843	0
"2014-01-06	07:00:00"	4.7448	63.742	10.979	73.764	0.12062	26.863	0
"2014-01-06	08:00:00"	3.1125	35.157	9.634	77.787	0.80107	26.884	0
"2014-01-06	09:00:00"	4.2937	54.367	10.037	78.222	61.662	26.902	0
"2014-01-06	10:00:00"	5.4277	100.88	13.967	66.093	235.83	26.923	0
"2014-01-06	11:00:00"	4.5963	158.63	17.95	54.31	416.08	26.925	0
"2014-01-06	12:00:00"	6.438	193.53	20.519	46.793	555.2	26.896	0
"2014-01-06	13:00:00"	7.9045	221.28	23.071	42.798	633.32	26.855	0
"2014-01-06	14:00:00"	7.0755	228.19	25.539	38.573	643.88	26.819	0
"2014-01-06	15:00:00"	6.8233	224.83	27.456	36.681	584.14	26.801	0
"2014-01-06	16:00:00"	9.0055	227.64	28.961	34.997	462.02	26.796	0
"2014-01-06	17:00:00"	9.7785	217.73	29.292	34.588	289.65	26.796	0
"2014-01-06	18:00:00"	10.333	224.69	28.462	36.278	93.428	26.793	0
"2014-01-06	19:00:00"	7.3906	227.8	26.245	38.597	1.0565	26.796	0
"2014-01-06	20:00:00"	8.3332	231.29	24.681	40.291	0.09815	26.796	0
"2014-01-06	21:00:00"	7.1613	239.78	23.137	42.399	0.10663	26.796	0
"2014-01-06	22:00:00"	6.5617	243.22	21.968	44.807	0.08331	26.787	0
"2014-01-06	23:00:00"	6.7058	240.14	20.404	48.405	0.08649	26.784	0
"2014-01-07	00:00:00"	7.6745	249	20.667	46.835	0.10387	26.766	0
"2014-01-07	01:00:00"	6.9513	259.2	20.452	47.344	0.08373	26.751	0
"2014-01-07	02:00:00"	7.1613	240.27	20.123	48.857	0.08861	26.725	0
"2014-01-07	03:00:00"	6.5853	240.47	18.941	52.763	0.11934	26.722	0
"2014-01-07	04:00:00"	6.1329	241.4	18.678	54.31	0.09878	26.707	0
"2014-01-07	05:00:00"	6.9786	240.46	18.642	53.801	0.10747	26.689	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-07	06:00:00"	6.4592	241.73	17.936	56.694	0.11934	26.68	0
"2014-01-07	07:00:00"	8.1542	234.75	18.426	59.114	0.09136	26.669	0
"2014-01-07	08:00:00"	7.8889	237.43	18.061	63.539	1.7698	26.674	0
"2014-01-07	09:00:00"	7.4142	230.51	18.963	66.041	74.326	26.672	0
"2014-01-07	10:00:00"	6.919	239.26	23.706	60.424	234.89	26.672	0
"2014-01-07	11:00:00"	8.1822	231.29	28.854	50.058	415.33	26.657	0
"2014-01-07	12:00:00"	9.8313	232.34	34.303	40.748	558.04	26.627	0
"2014-01-07	13:00:00"	9.8786	249.95	39.575	34.021	613.3	26.583	0
"2014-01-07	14:00:00"	8.4792	252.51	43.675	28.908	619.43	26.542	0
"2014-01-07	15:00:00"	8.8297	248.19	46.519	26.484	582.27	26.512	0
"2014-01-07	16:00:00"	10.136	235.62	46.56	26.597	382.04	26.509	0
"2014-01-07	17:00:00"	10.592	226.3	45.883	28.069	233.1	26.491	0
"2014-01-07	18:00:00"	8.7271	226.37	45.426	29.934	90.178	26.483	0
"2014-01-07	19:00:00"	5.1151	217.32	40.379	36.927	0.84177	26.477	0
"2014-01-07	20:00:00"	5.0064	215.53	37.577	41.731	0.09751	26.471	0
"2014-01-07	21:00:00"	8.1574	225.13	36.744	43.807	0.10111	26.477	0
"2014-01-07	22:00:00"	8.0362	236.01	34.307	47.329	0.08352	26.468	0
"2014-01-07	23:00:00"	7.6205	249.05	32.541	51.549	0.09581	26.447	0
"2014-01-08	00:00:00"	7.6186	259.77	31.256	55.648	0.0797	26.444	0
"2014-01-08	01:00:00"	7.1756	243.44	30.744	58.825	0.09581	26.42	0
"2014-01-08	02:00:00"	7.8324	258.38	30.574	61.463	0.11044	26.418	0
"2014-01-08	03:00:00"	7.7889	264.84	29.835	65.333	0.0744	26.406	0
"2014-01-08	04:00:00"	5.862	271.27	29.575	68.602	0.09878	26.412	0
"2014-01-08	05:00:00"	6.0776	268.41	29.109	71.898	0.10239	26.409	0
"2014-01-08	06:00:00"	6.663	265.51	29.548	73.503	0.11638	26.406	0
"2014-01-08	07:00:00"	4.9337	267.38	30.295	73.815	0.11108	26.412	0
"2014-01-08	08:00:00"	5.7663	266.55	30.939	74.041	0.46381	26.435	0
"2014-01-08	09:00:00"	2.5694	291.02	31.338	74.132	25.413	26.456	0
"2014-01-08	10:00:00"	3.4586	285.24	35.003	65.103	124.62	26.471	0
"2014-01-08	11:00:00"	4.6323	302.97	40.014	54.24	298.36	26.477	0
"2014-01-08	12:00:00"	6.438	303.87	51.924	33.909	551	26.456	0
"2014-01-08	13:00:00"	8.4388	335.01	58.934	20.005	630.17	26.426	0
"2014-01-08	14:00:00"	5.7067	324.26	61.666	16.764	639.65	26.403	0
"2014-01-08	15:00:00"	5.2239	301.91	63.475	15.083	580.96	26.394	0
"2014-01-08	16:00:00"	3.9911	315.63	64.206	14.309	458.83	26.4	0
"2014-01-08	17:00:00"	3.7543	305.05	64.326	14.081	287.93	26.412	0
"2014-01-08	18:00:00"	2.5992	301.41	62.129	15.298	93.763	26.418	0
"2014-01-08	19:00:00"	1.7989	147.22	53.087	21.35	1.0824	26.423	0
"2014-01-08	20:00:00"	3.3206	104.68	47.192	25.871	0.09709	26.453	0
"2014-01-08	21:00:00"	8.647	85.539	44.293	33.519	0.09666	26.485	0
"2014-01-08	22:00:00"	8.9198	84.521	40.446	43.14	0.08861	26.491	0
"2014-01-08	23:00:00"	8.6663	93.859	36.836	49.991	0.07886	26.5	0
"2014-01-09	00:00:00"	9.1267	89.062	34.515	54.876	0.09348	26.503	0
"2014-01-09	01:00:00"	9.1621	84.926	31.544	61.301	0.09518	26.503	0
"2014-01-09	02:00:00"	9.2783	79.878	29.249	66.541	0.09518	26.494	0
"2014-01-09	03:00:00"	8.2356	80.087	27.59	70.242	0.10917	26.497	0
"2014-01-09	04:00:00"	7.9734	73.856	27.04	72.427	0.0831	26.509	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-09	05:00:00"	6.671	35.978	25.679	75.498	0.08119	26.512	0
"2014-01-09	06:00:00"	5.5805	29.947	24.72	78.239	0.11447	26.494	0
"2014-01-09	07:00:00"	6.5952	25.701	24.399	79.149	0.10345	26.503	0
"2014-01-09	08:00:00"	6.6412	355.38	23.529	80.958	1.614	26.515	0
"2014-01-09	09:00:00"	5.3879	26.783	25.485	77.995	65.477	26.53	0
"2014-01-09	10:00:00"	4.5478	62.264	31.555	66.749	221.58	26.53	0
"2014-01-09	11:00:00"	5.209	195.49	37.389	56.787	349.37	26.527	0
"2014-01-09	12:00:00"	7.1569	228.54	40.658	53.061	444.35	26.5	0
"2014-01-09	13:00:00"	6.8071	247.51	44.034	49.291	480.65	26.453	0
"2014-01-09	14:00:00"	6.7437	243.62	49.534	41.196	434.82	26.412	0
"2014-01-09	15:00:00"	8.2512	247.91	53.482	35.038	470.36	26.394	0
"2014-01-09	16:00:00"	8.322	241.78	56.129	29.776	310.25	26.373	0
"2014-01-09	17:00:00"	8.6762	224.56	57.038	27.79	232.03	26.373	0
"2014-01-09	18:00:00"	3.2665	224.78	53.667	32.128	34.309	26.367	0
"2014-01-09	19:00:00"	2.4519	225.87	50.81	35.811	0.49603	26.37	0
"2014-01-09	20:00:00"	6.8413	223.3	49.501	37.953	0.08182	26.364	0
"2014-01-09	21:00:00"	6.7499	247.99	48.888	40.613	0.08119	26.37	0
"2014-01-09	22:00:00"	8.5215	236.67	46.916	45.914	0.09327	26.35	0
"2014-01-09	23:00:00"	6.576	260.53	46.24	49.952	0.08246	26.347	0
"2014-01-10	00:00:00"	6.0658	266.4	44.706	54.776	0.10726	26.353	0
"2014-01-10	01:00:00"	3.96	269.83	45.42	57.688	0.06805	26.341	0
"2014-01-10	02:00:00"	4.1775	256.27	45.754	59.885	0.09963	26.335	0
"2014-01-10	03:00:00"	9.4902	228.22	46.663	59.811	0.08797	26.329	0
"2014-01-10	04:00:00"	4.5435	246.92	48.136	54.984	0.08522	26.308	0
"2014-01-10	05:00:00"	5.9179	254.72	48.511	53.098	0.09539	26.296	0
"2014-01-10	06:00:00"	8.1045	255.65	46.292	56.989	0.0814	26.294	0
"2014-01-10	07:00:00"	5.1487	262.21	44.373	60.605	0.10154	26.291	0
"2014-01-10	08:00:00"	3.0963	270.18	41.94	66.684	0.76291	26.302	0
"2014-01-10	09:00:00"	3.2212	289.23	42.234	66.837	53	26.314	0
"2014-01-10	10:00:00"	8.0467	291.5	49.02	46.734	232.87	26.335	0
"2014-01-10	11:00:00"	13.542	314.82	56.274	28.136	409.75	26.329	0
"2014-01-10	12:00:00"	14.104	324	59.24	21.839	550.71	26.317	0
"2014-01-10	13:00:00"	16.807	324.69	60.999	18.024	631.68	26.282	0
"2014-01-10	14:00:00"	17.163	327.75	62.682	15.651	643.64	26.264	0
"2014-01-10	15:00:00"	15.732	324.04	64.402	14.314	586.33	26.249	0
"2014-01-10	16:00:00"	14.944	313.96	64.761	14.04	463.66	26.249	0
"2014-01-10	17:00:00"	14.519	304.1	64.642	13.994	293.04	26.243	0
"2014-01-10	18:00:00"	10.749	292	62.624	14.666	99.936	26.24	0
"2014-01-10	19:00:00"	7.838	297.28	57.974	16.962	1.4648	26.246	0
"2014-01-10	20:00:00"	11.118	307.84	56.722	18.3	0.0744	26.261	0
"2014-01-10	21:00:00"	8.5699	331.59	53.671	20.704	0.05427	26.302	0
"2014-01-10	22:00:00"	4.2993	323.24	48.217	25.241	0.09179	26.323	0
"2014-01-10	23:00:00"	7.2638	337.27	46.396	28.069	0.08034	26.358	0
"2014-01-11	00:00:00"	11.043	348.85	48.866	26.464	0.05787	26.394	0
"2014-01-11	01:00:00"	7.1899	338.95	44.8	30.428	0.09836	26.409	0
"2014-01-11	02:00:00"	8.9993	340.92	45.582	28.042	0.08034	26.406	0
"2014-01-11	03:00:00"	7.7566	355.75	44.001	29.544	0.10599	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-11	04:00:00"	4.7951	291.85	39.919	34.792	0.10027	26.468	0
"2014-01-11	05:00:00"	3.3778	263.5	40.162	34.587	0.06656	26.48	0
"2014-01-11	06:00:00"	2.5364	16.071	35.878	40.573	0.0884	26.494	0
"2014-01-11	07:00:00"	3.5946	331.28	35.127	42.57	0.10005	26.509	0
"2014-01-11	08:00:00"	2.3575	342.4	33.194	46.346	1.6657	26.536	0
"2014-01-11	09:00:00"	1.9412	309.59	35.213	44.967	73.114	26.562	0
"2014-01-11	10:00:00"	3.4884	325.18	46.053	32.218	233.96	26.583	0
"2014-01-11	11:00:00"	4.2011	318.37	56.553	21.385	415.15	26.595	0
"2014-01-11	12:00:00"	6.3628	244.12	57.949	21.065	557.19	26.577	0
"2014-01-11	13:00:00"	6.8929	232.76	61.774	17.542	638.83	26.536	0
"2014-01-11	14:00:00"	9.4262	230.71	63.899	15.669	653.23	26.503	0
"2014-01-11	15:00:00"	10.087	244.19	65.825	14.438	597.25	26.485	0
"2014-01-11	16:00:00"	11.938	234.3	66.604	13.591	475.9	26.474	0
"2014-01-11	17:00:00"	10.995	225.37	66.363	14.373	302.65	26.465	0
"2014-01-11	18:00:00"	6.1609	220.35	64.379	16.355	105.85	26.456	0
"2014-01-11	19:00:00"	2.0381	216.34	57.405	21.513	1.5468	26.447	0
"2014-01-11	20:00:00"	4.9312	229.64	57.917	20.297	0.07377	26.453	0
"2014-01-11	21:00:00"	3.9445	220.96	54.352	22.882	0.07589	26.459	0
"2014-01-11	22:00:00"	3.8109	216.02	51.944	24.846	0.09115	26.459	0
"2014-01-11	23:00:00"	3.6866	226.92	50.146	26.354	0.0672	26.453	0
"2014-01-12	00:00:00"	6.0018	216.65	46.337	31.601	0.1009	26.429	0
"2014-01-12	01:00:00"	5.5532	215.07	44.867	34.311	0.08479	26.409	0
"2014-01-12	02:00:00"	4.984	219.73	43.397	36.95	0.10451	26.394	0
"2014-01-12	03:00:00"	5.954	223.78	42.089	39.854	0.07207	26.379	0
"2014-01-12	04:00:00"	6.6443	236.74	41.342	41.188	0.08649	26.373	0
"2014-01-12	05:00:00"	8.1953	228.04	39.006	45.719	0.09348	26.353	0
"2014-01-12	06:00:00"	5.9347	229.25	39.269	45.764	0.07886	26.338	0
"2014-01-12	07:00:00"	5.3929	232.04	39.276	45.462	0.09094	26.332	0
"2014-01-12	08:00:00"	4.8237	261.95	36.707	50.147	1.7035	26.338	0
"2014-01-12	09:00:00"	7.9156	256.11	38.288	48.044	74.015	26.344	0
"2014-01-12	10:00:00"	11.669	230.05	48.623	34.536	235.83	26.358	0
"2014-01-12	11:00:00"	13.111	232.15	53.802	29.046	417.88	26.356	0
"2014-01-12	12:00:00"	12.78	254.91	60.75	23.054	558.91	26.338	0
"2014-01-12	13:00:00"	17.352	260.02	68.667	17.975	637.1	26.294	0
"2014-01-12	14:00:00"	16.733	270.8	73.001	14.845	648.51	26.255	0
"2014-01-12	15:00:00"	15.71	292.96	75.062	11.827	577.04	26.249	0
"2014-01-12	16:00:00"	16.673	308.12	73.305	11.729	438.19	26.243	0
"2014-01-12	17:00:00"	15.714	310.38	71.318	12.276	230.4	26.258	0
"2014-01-12	18:00:00"	10.843	305.01	68.042	13.602	50.646	26.258	0
"2014-01-12	19:00:00"	11.372	304.03	65.577	14.373	1.6973	26.279	0
"2014-01-12	20:00:00"	9.1049	302	62.036	17.116	0.08119	26.291	0
"2014-01-12	21:00:00"	3.5474	274.67	56.413	20.819	0.07928	26.311	0
"2014-01-12	22:00:00"	4.2533	313.71	52.768	24.356	0.07928	26.353	0
"2014-01-12	23:00:00"	12.413	354.73	53.539	22.786	0.08161	26.406	0
"2014-01-13	00:00:00"	13.211	4.7401	51.953	23.211	0.08161	26.418	0
"2014-01-13	01:00:00"	17.443	5.9818	49.812	20.513	0.07526	26.426	0
"2014-01-13	02:00:00"	15.846	4.5819	48.216	17.434	0.08734	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-13	03:00:00"	11.802	10.047	46.072	17.368	0.08967	26.5	0
"2014-01-13	04:00:00"	16.875	7.093	44.16	18.513	0.09921	26.515	0
"2014-01-13	05:00:00"	15.518	2.6285	42.673	19.512	0.0831	26.524	0
"2014-01-13	06:00:00"	14.56	359.01	40.999	21.351	0.07144	26.545	0
"2014-01-13	07:00:00"	13.798	0.99142	39.976	22.89	0.08818	26.562	0
"2014-01-13	08:00:00"	12.914	356.64	38.925	24.499	1.4851	26.58	0
"2014-01-13	09:00:00"	12.181	355.6	38.749	25.134	76.867	26.604	0
"2014-01-13	10:00:00"	14.921	352.37	42.425	22.249	243.94	26.612	0
"2014-01-13	11:00:00"	18.788	357.01	48.087	17.722	429.2	26.612	0
"2014-01-13	12:00:00"	17.943	0.98511	50.907	15.356	573.39	26.601	0
"2014-01-13	13:00:00"	14.603	351.67	53.369	13.249	654.8	26.574	0
"2014-01-13	14:00:00"	13.645	343.28	54.542	12.822	664.9	26.547	0
"2014-01-13	15:00:00"	15.087	347.08	56.236	12.192	602.35	26.533	0
"2014-01-13	16:00:00"	14.21	345.61	58.211	11.358	482.23	26.524	0
"2014-01-13	17:00:00"	13.107	346.18	58.916	11.289	309.14	26.518	0
"2014-01-13	18:00:00"	7.6466	302.69	57.633	11.548	112.26	26.509	0
"2014-01-13	19:00:00"	3.5145	263.63	52.005	13.877	1.9644	26.512	0
"2014-01-13	20:00:00"	3.6568	245.53	51.255	13.771	0.07631	26.524	0
"2014-01-13	21:00:00"	2.1928	320.19	45.757	17.281	0.10027	26.527	0
"2014-01-13	22:00:00"	3.489	295.57	45.327	17.955	0.08818	26.53	0
"2014-01-13	23:00:00"	3.7916	279.75	45.14	18.589	0.09242	26.524	0
"2014-01-14	00:00:00"	3.3007	276.05	43.193	19.831	0.07398	26.512	0
"2014-01-14	01:00:00"	2.9279	295.44	41.336	22.607	0.09899	26.503	0
"2014-01-14	02:00:00"	4.3291	349.88	36.972	28.851	0.08225	26.488	0
"2014-01-14	03:00:00"	4.6497	342.52	35.985	30.894	0.08182	26.483	0
"2014-01-14	04:00:00"	3.9849	338.51	34.94	32.309	0.07568	26.48	0
"2014-01-14	05:00:00"	4.8952	323.12	36.389	30.666	0.07822	26.474	0
"2014-01-14	06:00:00"	6.42	334.95	35.372	32.621	0.08161	26.48	0
"2014-01-14	07:00:00"	10.491	341.18	36.154	32.384	0.10896	26.5	0
"2014-01-14	08:00:00"	11.626	346.6	38.416	33.377	1.7929	26.527	0
"2014-01-14	09:00:00"	11.183	349.48	42.803	30.477	75.963	26.553	0
"2014-01-14	10:00:00"	16.133	13.313	48.051	25.886	241.96	26.612	0
"2014-01-14	11:00:00"	20.316	55.334	50.839	24.978	424.99	26.63	0
"2014-01-14	12:00:00"	18.283	65.46	54.248	24.255	564.91	26.633	0
"2014-01-14	13:00:00"	16.524	68.529	56.9	21.663	644.67	26.63	0
"2014-01-14	14:00:00"	14.71	71.568	57.874	20.238	654.34	26.624	0
"2014-01-14	15:00:00"	12.453	56.924	58.305	18.615	596.72	26.633	0
"2014-01-14	16:00:00"	10.918	58.668	58.759	18.094	477.76	26.648	0
"2014-01-14	17:00:00"	10.185	65.699	58.299	18.863	301.87	26.669	0
"2014-01-14	18:00:00"	9.3908	70.703	56.161	20.509	102.82	26.692	0
"2014-01-14	19:00:00"	3.6742	77.981	48.749	26.829	2.162	26.719	0
"2014-01-14	20:00:00"	6.0087	93.563	44.416	34.513	0.08776	26.739	0
"2014-01-14	21:00:00"	9.4852	95.578	42.64	40.735	0.06783	26.76	0
"2014-01-14	22:00:00"	9.0167	94.45	39.739	44.643	0.08161	26.784	0
"2014-01-14	23:00:00"	9.8941	93.889	37.92	46.733	0.09878	26.796	0
"2014-01-15	00:00:00"	9.0534	92.267	35.848	49.871	0.10048	26.801	0
"2014-01-15	01:00:00"	5.8513	78.502	31.621	57.867	0.11859	26.793	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-15	02:00:00"	3.5828	42.218	29.213	63.168	0.09921	26.801	0
"2014-01-15	03:00:00"	3.1982	19.319	27.511	66.322	0.08098	26.807	0
"2014-01-15	04:00:00"	2.7024	358.7	26.083	69.16	0.10005	26.81	0
"2014-01-15	05:00:00"	4.9256	331.98	25.546	70.093	0.10557	26.816	0
"2014-01-15	06:00:00"	5.9658	350.81	25.244	70.653	0.09115	26.81	0
"2014-01-15	07:00:00"	2.7452	340.23	25.274	71.323	0.09327	26.798	0
"2014-01-15	08:00:00"	2.3786	345.2	24.482	72.401	1.6282	26.787	0
"2014-01-15	09:00:00"	3.1541	315.96	28.783	64.221	73.333	26.796	0
"2014-01-15	10:00:00"	3.6562	268.23	36.13	49.575	236.48	26.796	0
"2014-01-15	11:00:00"	11.352	224.57	40.796	38.156	420.09	26.787	0
"2014-01-15	12:00:00"	14.645	233.17	44.328	34.774	561.64	26.734	0
"2014-01-15	13:00:00"	13.417	247.9	47.074	31.528	645.75	26.689	0
"2014-01-15	14:00:00"	12.496	254.07	49.526	28.503	662.41	26.633	0
"2014-01-15	15:00:00"	11.762	257.71	52.589	25.987	604.85	26.592	0
"2014-01-15	16:00:00"	11.887	256.35	55.433	23.129	495.21	26.574	0
"2014-01-15	17:00:00"	9.9028	260.31	57.251	20.965	330.92	26.55	0
"2014-01-15	18:00:00"	7.2613	248.58	56.139	21.986	102.85	26.53	0
"2014-01-15	19:00:00"	8.8819	232.24	51.952	26.519	2.2237	26.521	0
"2014-01-15	20:00:00"	5.8123	231.48	49.096	30.107	0.08225	26.5	0
"2014-01-15	21:00:00"	5.5905	258.29	47.573	32.043	0.0867	26.485	0
"2014-01-15	22:00:00"	4.9797	263.68	45.146	35.038	0.09454	26.483	0
"2014-01-15	23:00:00"	6.049	261.38	44.459	36.218	0.07165	26.477	0
"2014-01-16	00:00:00"	4.0047	262.78	43.218	37.952	0.08246	26.465	0
"2014-01-16	01:00:00"	2.6278	305.39	40.203	42.222	0.08712	26.447	0
"2014-01-16	02:00:00"	6.5026	337.95	40.011	39.146	0.08458	26.438	0
"2014-01-16	03:00:00"	6.6462	326.63	39.392	38.516	0.09412	26.444	0
"2014-01-16	04:00:00"	7.3968	334.54	39.127	38.5	0.12189	26.435	0
"2014-01-16	05:00:00"	11.372	346.74	42.813	31.717	0.09179	26.429	0
"2014-01-16	06:00:00"	11.365	2.6777	42.821	30.309	0.10811	26.444	0
"2014-01-16	07:00:00"	9.8251	6.0719	42.005	30.849	0.0867	26.465	0
"2014-01-16	08:00:00"	8.2481	4.5633	38.481	36.334	1.9188	26.491	0
"2014-01-16	09:00:00"	7.3266	35.279	39.423	38.453	75.566	26.518	0
"2014-01-16	10:00:00"	13.45	77.706	46.056	31.597	238.97	26.545	0
"2014-01-16	11:00:00"	17.321	93.781	51.113	26.897	422.94	26.574	0
"2014-01-16	12:00:00"	19.165	99.103	55.858	23.062	617.32	26.565	0
"2014-01-16	13:00:00"	19.556	101.76	58.315	19.754	590.87	26.553	0
"2014-01-16	14:00:00"	18.97	107.81	59.112	17.59	627.2	26.553	0
"2014-01-16	15:00:00"	15.345	113.36	59.984	17.368	585.79	26.542	0
"2014-01-16	16:00:00"	13.832	116.66	60.844	16.799	467.86	26.542	0
"2014-01-16	17:00:00"	12.97	110.31	60.266	16.491	302.98	26.55	0
"2014-01-16	18:00:00"	10.286	112.34	58.149	17.628	111.92	26.556	0
"2014-01-16	19:00:00"	6.0211	97.689	51.354	23.074	2.4356	26.586	0
"2014-01-16	20:00:00"	6.9792	104.8	47.061	27.428	0.09454	26.604	0
"2014-01-16	21:00:00"	7.0004	117.62	45.36	29.762	0.08522	26.615	0
"2014-01-16	22:00:00"	7.7404	110.08	41.464	34.668	0.09433	26.63	0
"2014-01-16	23:00:00"	7.623	118.51	38.802	39.556	0.08628	26.636	0
"2014-01-17	00:00:00"	7.2881	119.05	37.371	42.783	0.08946	26.642	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-17	01:00:00"	7.595	119.86	37.423	43.423	0.08498	26.642	0
"2014-01-17	02:00:00"	7.1246	115.05	36.338	46.481	0.07801	26.645	0
"2014-01-17	03:00:00"	5.8949	93.701	32.957	52.404	0.09433	26.66	0
"2014-01-17	04:00:00"	6.2628	72.177	30.526	58.129	0.09772	26.686	0
"2014-01-17	05:00:00"	4.0712	59.983	29.99	60.026	0.1079	26.68	0
"2014-01-17	06:00:00"	3.7133	65.486	29.183	61.466	0.10027	26.683	0
"2014-01-17	07:00:00"	4.6882	71.066	28.965	61.211	0.09348	26.695	0
"2014-01-17	08:00:00"	5.194	64.498	28.085	59.732	1.6776	26.704	0
"2014-01-17	09:00:00"	3.909	75.674	29.883	54.568	72.114	26.722	0
"2014-01-17	10:00:00"	6.6157	133.68	38.991	36.85	231.63	26.739	0
"2014-01-17	11:00:00"	10.069	170.05	44.511	25.966	408.33	26.736	0
"2014-01-17	12:00:00"	12.014	194.29	47.153	22.69	549.17	26.716	0
"2014-01-17	13:00:00"	13.076	211.08	48.682	21.702	635.72	26.666	0
"2014-01-17	14:00:00"	13.377	221.62	50.753	21.067	656.08	26.636	0
"2014-01-17	15:00:00"	12.964	220.45	51.835	21.162	601.01	26.609	0
"2014-01-17	16:00:00"	11.909	222.71	52.83	21.467	481.56	26.598	0
"2014-01-17	17:00:00"	9.7748	223.48	53.126	22.171	312.67	26.589	0
"2014-01-17	18:00:00"	8.0728	227.52	52.45	23.947	117.88	26.583	0
"2014-01-17	19:00:00"	2.9292	217.55	47.414	29.008	2.5842	26.574	0
"2014-01-17	20:00:00"	2.2208	213.1	43.374	33.873	0.07356	26.571	0
"2014-01-17	21:00:00"	1.5149	213.88	41.752	36.064	0.09518	26.571	0
"2014-01-17	22:00:00"	1.9604	213.26	40.406	37.766	0.09475	26.565	0
"2014-01-17	23:00:00"	3.0435	205.02	39.76	40.287	0.10048	26.556	0
"2014-01-18	00:00:00"	6.5319	222.66	40.272	41.39	0.09857	26.542	0
"2014-01-18	01:00:00"	7.3626	235.31	40.449	42.874	0.10451	26.53	0
"2014-01-18	02:00:00"	6.4852	234.9	39.558	44.954	0.09836	26.521	0
"2014-01-18	03:00:00"	7.4975	241.41	38.848	47.606	0.05957	26.524	0
"2014-01-18	04:00:00"	4.8486	266.24	37.822	49.767	0.08585	26.512	0
"2014-01-18	05:00:00"	2.9347	291.77	35.701	54.176	0.10599	26.497	0
"2014-01-18	06:00:00"	3.4554	283.87	34.899	56.758	0.08564	26.491	0
"2014-01-18	07:00:00"	3.5511	287.84	32.833	61.161	0.06762	26.497	0
"2014-01-18	08:00:00"	2.9105	293.34	31.257	64.713	1.8608	26.506	0
"2014-01-18	09:00:00"	3.763	330.98	33.231	61.759	76.962	26.527	0
"2014-01-18	10:00:00"	9.2019	347.64	41.742	44.837	242.18	26.547	0
"2014-01-18	11:00:00"	10.916	345.58	52.873	27.089	426.95	26.562	0
"2014-01-18	12:00:00"	12.407	359	58.31	18.004	572.56	26.545	0
"2014-01-18	13:00:00"	11.508	7.4155	60.167	16.923	657.24	26.53	0
"2014-01-18	14:00:00"	12.859	22.938	61.394	16.556	672.18	26.521	0
"2014-01-18	15:00:00"	13.003	26.964	62.921	15.552	618.56	26.521	0
"2014-01-18	16:00:00"	13.353	42.485	63.367	15.071	498.72	26.542	0
"2014-01-18	17:00:00"	12.892	60.192	62.954	15.225	323.49	26.571	0
"2014-01-18	18:00:00"	11.387	73.772	61.148	16.096	121.16	26.589	0
"2014-01-18	19:00:00"	5.3096	73.661	53.295	21.266	2.6612	26.609	0
"2014-01-18	20:00:00"	4.4652	74.604	47.306	26.909	0.11235	26.624	0
"2014-01-18	21:00:00"	4.4142	69.954	42.674	31.904	0.08288	26.636	0
"2014-01-18	22:00:00"	3.6095	82.386	40.239	35.363	0.08924	26.657	0
"2014-01-18	23:00:00"	2.0617	75.483	38.597	37.931	0.11023	26.674	0

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"2014-01-19	00:00:00"	1.4602	40.971	38.336	38.581	0.10133	26.677	0
"2014-01-19	01:00:00"	2.0027	6.1207	36.113	41.485	0.08352	26.674	0
"2014-01-19	02:00:00"	3.0317	348.86	32.781	47.244	0.11892	26.677	0
"2014-01-19	03:00:00"	2.4333	356.49	32.083	48.491	0.09073	26.674	0
"2014-01-19	04:00:00"	3.7897	342.99	33.427	46.348	0.0867	26.677	0
"2014-01-19	05:00:00"	2.9807	336.09	32.278	48.705	0.08543	26.666	0
"2014-01-19	06:00:00"	3.2541	329.76	34.788	44.068	0.0956	26.669	0
"2014-01-19	07:00:00"	2.3749	311.65	35.994	42.658	0.10239	26.674	0
"2014-01-19	08:00:00"	2.3326	319.78	36.841	41.27	1.9977	26.686	0
"2014-01-19	09:00:00"	2.1425	323.7	37.191	42.322	79.102	26.695	0
"2014-01-19	10:00:00"	3.3877	321.1	45.576	32.477	246.16	26.71	0
"2014-01-19	11:00:00"	6.0441	290.62	53.217	25.278	433.2	26.707	0
"2014-01-19	12:00:00"	10.346	247.37	58.247	19.828	579.99	26.68	0
"2014-01-19	13:00:00"	12.286	243.83	60.197	17.462	665.39	26.633	0
"2014-01-19	14:00:00"	12.856	236.19	61.433	17.013	681.77	26.592	0
"2014-01-19	15:00:00"	13.023	243.03	63.199	16.672	629.52	26.565	0
"2014-01-19	16:00:00"	12.365	250.16	63.969	16.003	490.14	26.542	0
"2014-01-19	17:00:00"	11.398	254.04	63.838	15.611	333.79	26.527	0
"2014-01-19	18:00:00"	8.6464	256.59	62.981	15.335	117.47	26.512	0
"2014-01-19	19:00:00"	7.0637	232.22	58.096	18.697	2.0214	26.506	0
"2014-01-19	20:00:00"	6.9264	227.94	53.176	23.182	0.0778	26.509	0
"2014-01-19	21:00:00"	4.4061	240.41	49.328	27.026	0.07059	26.503	0
"2014-01-19	22:00:00"	2.6365	272.14	46.475	30.581	0.07462	26.5	0
"2014-01-19	23:00:00"	4.8622	258.94	45.869	31.754	0.09391	26.488	0
"2014-01-20	00:00:00"	4.4795	261.93	46.078	30.881	0.09306	26.48	0
"2014-01-20	01:00:00"	3.2147	306.07	43.148	34.083	0.0835	26.45	0
"2014-01-20	02:00:00"	5.117	307.99	44.572	30.414	0.08988	26.438	0
"2014-01-20	03:00:00"	6.722	337.57	42.102	31.943	0.09836	26.42	0
"2014-01-20	04:00:00"	9.8636	343.44	43.708	28.988	0.08225	26.415	0
"2014-01-20	05:00:00"	10.083	335.74	44.676	27.64	0.0831	26.415	0
"2014-01-20	06:00:00"	9.4274	337.57	45.595	26.908	0.07674	26.418	0
"2014-01-20	07:00:00"	8.7899	336.99	45.147	27.069	0.08606	26.423	0
"2014-01-20	08:00:00"	8.8228	333.23	43.189	28.699	1.1636	26.435	0
"2014-01-20	09:00:00"	11.13	335.03	45.838	25.986	80.186	26.441	0
"2014-01-20	10:00:00"	12.662	337.27	52.67	20.817	251.86	26.462	0
"2014-01-20	11:00:00"	18.767	346.71	60.189	15.529	441.4	26.483	0
"2014-01-20	12:00:00"	18.578	352.54	63.086	13.713	589.6	26.483	0
"2014-01-20	13:00:00"	13.663	5.4377	64.964	12.845	676.09	26.465	0
"2014-01-20	14:00:00"	11.409	42.565	66.493	11.604	693.25	26.456	0
"2014-01-20	15:00:00"	11.619	58.675	68.193	10.498	630.08	26.468	0
"2014-01-20	16:00:00"	11.992	65.198	68.982	9.6517	507.74	26.497	0
"2014-01-20	17:00:00"	12.408	67.514	68.575	9.2864	337.96	26.524	0
"2014-01-20	18:00:00"	16.121	59.493	65.306	11.264	123.46	26.571	0
"2014-01-20	19:00:00"	12.652	63.097	59.009	14.171	3.0033	26.615	0
"2014-01-20	20:00:00"	12.131	60.872	54.649	17.61	0.07674	26.663	0
"2014-01-20	21:00:00"	12.974	66.03	51.79	21.518	0.07864	26.701	0
"2014-01-20	22:00:00"	12.882	72.895	48.647	25.564	0.10323	26.739	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-20	23:00:00"	11.37	79.518	45.552	29.704	0.06889	26.763	0
"2014-01-21	00:00:00"	8.6072	77.26	42.403	33.736	0.1062	26.79	0
"2014-01-21	01:00:00"	5.7404	57.01	38.208	39.38	0.09048	26.793	0
"2014-01-21	02:00:00"	5.3724	26.32	35.683	43.061	0.08204	26.798	0
"2014-01-21	03:00:00"	6.21	48.065	35.215	44.087	0.08119	26.804	0
"2014-01-21	04:00:00"	6.6282	49.618	34.947	43.883	0.07504	26.81	0
"2014-01-21	05:00:00"	6.036	341.83	33.274	46.076	0.08712	26.822	0
"2014-01-21	06:00:00"	4.2023	353.58	30.589	51.118	0.11129	26.834	0
"2014-01-21	07:00:00"	3.0292	358.36	30.32	51.552	0.08903	26.849	0
"2014-01-21	08:00:00"	2.0686	358.57	29.686	52.801	1.8786	26.849	0
"2014-01-21	09:00:00"	1.3838	7.49	29.837	53.273	76.21	26.849	0
"2014-01-21	10:00:00"	3.5673	196.18	41.069	33.477	247.07	26.849	0
"2014-01-21	11:00:00"	9.3945	237.92	44.695	28.767	437.5	26.831	0
"2014-01-21	12:00:00"	9.5244	254.83	48.396	25.911	587.89	26.807	0
"2014-01-21	13:00:00"	11.27	258.14	51.993	22.316	675.42	26.757	0
"2014-01-21	14:00:00"	12.091	255.11	54.626	19.496	693.13	26.707	0
"2014-01-21	15:00:00"	12.562	257.11	56.776	17.57	638.2	26.672	0
"2014-01-21	16:00:00"	12.471	254.82	58.002	15.743	518.95	26.648	0
"2014-01-21	17:00:00"	12.472	256.27	58.105	15.051	345.97	26.63	0
"2014-01-21	18:00:00"	10.773	257.48	56.936	15.927	143.29	26.618	0
"2014-01-21	19:00:00"	6.9401	229.39	52.684	18.108	3.0468	26.604	0
"2014-01-21	20:00:00"	9.1876	228.92	49.435	20.197	0.10048	26.595	0
"2014-01-21	21:00:00"	4.39	241.31	46.65	22.403	0.07356	26.586	0
"2014-01-21	22:00:00"	6.0838	262.22	44.586	24.671	0.09094	26.574	0
"2014-01-21	23:00:00"	5.1934	267.89	42.461	27.329	0.07737	26.568	0
"2014-01-22	00:00:00"	2.5712	280.9	40.193	29.754	0.09115	26.553	0
"2014-01-22	01:00:00"	2.6937	271.66	38.934	31.18	0.10853	26.536	0
"2014-01-22	02:00:00"	2.6036	286.94	38.778	31.251	0.09687	26.515	0
"2014-01-22	03:00:00"	2.3898	276.34	39.371	31.358	0.0903	26.494	0
"2014-01-22	04:00:00"	3.7152	271.13	41.248	29.721	0.08967	26.477	0
"2014-01-22	05:00:00"	2.3401	321.51	34.654	38.547	0.08797	26.456	0
"2014-01-22	06:00:00"	2.5054	307.63	34.066	42.786	0.11171	26.45	0
"2014-01-22	07:00:00"	5.4034	319.03	28.56	51.456	0.09836	26.468	0
"2014-01-22	08:00:00"	6.2274	349.76	31.53	45.565	2.573	26.485	0
"2014-01-22	09:00:00"	5.0107	353.51	37.532	34.103	108.62	26.483	0
"2014-01-22	10:00:00"	6.1304	337.88	45.894	24.482	199.54	26.483	0
"2014-01-22	11:00:00"	4.8455	317.62	49.409	22.898	245.34	26.471	0
"2014-01-22	12:00:00"	9.3094	333.96	52.949	17.495	275.9	26.459	0
"2014-01-22	13:00:00"	8.844	339.2	55.382	15.309	481.39	26.432	0
"2014-01-22	14:00:00"	8.8831	348.06	55.84	14.101	250.27	26.394	0
"2014-01-22	15:00:00"	7.7547	38.685	54.536	16.165	257.33	26.385	0
"2014-01-22	16:00:00"	8.6544	40.261	53.02	18.325	316.77	26.379	0
"2014-01-22	17:00:00"	9.7835	56.996	51.915	21.163	266.46	26.376	0
"2014-01-22	18:00:00"	9.6381	59.305	48.985	23.29	61.791	26.388	0
"2014-01-22	19:00:00"	7.7019	73.13	45.426	27.48	3.0729	26.406	0
"2014-01-22	20:00:00"	8.204	77.737	43.262	30.245	0.10281	26.415	0
"2014-01-22	21:00:00"	11.07	80.747	42.383	33.425	0.07144	26.429	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-22	22:00:00"	12.551	91.248	41.835	36.14	0.09115	26.444	0
"2014-01-22	23:00:00"	13.976	91.745	40.242	39.196	0.08416	26.468	0
"2014-01-23	00:00:00"	13.807	92.761	38.085	43.128	0.07801	26.471	0
"2014-01-23	01:00:00"	12.171	90.577	36.188	47.351	0.10083	26.494	0
"2014-01-23	02:00:00"	12.096	89.209	35.518	49.457	0.09645	26.509	0
"2014-01-23	03:00:00"	14.502	89.564	35.276	49.454	0.11002	26.524	0
"2014-01-23	04:00:00"	16.473	91.379	34.532	50.193	0.10599	26.539	0
"2014-01-23	05:00:00"	16.797	90.654	33.319	53.503	0.11044	26.565	0
"2014-01-23	06:00:00"	16.064	90.545	31.756	59.378	0.0884	26.598	0
"2014-01-23	07:00:00"	16.199	90.311	31.154	60.388	0.09666	26.645	0
"2014-01-23	08:00:00"	16.264	92.935	29.849	58.766	1.1237	26.683	0
"2014-01-23	09:00:00"	16.535	91.183	28.388	58.269	50.332	26.739	0
"2014-01-23	10:00:00"	19.668	94.745	29.019	53.569	194.4	26.79	0
"2014-01-23	11:00:00"	17.697	86.021	29.58	53.04	352.36	26.816	0
"2014-01-23	12:00:00"	18.244	86.458	29.969	50.254	450.68	26.831	0
"2014-01-23	13:00:00"	18.832	93.514	30.821	45.496	485.5	26.825	0
"2014-01-23	14:00:00"	18.329	89.959	31.358	41.995	527.19	26.828	0
"2014-01-23	15:00:00"	18.881	83.727	30.392	33.209	392.65	26.846	0
"2014-01-23	16:00:00"	18.442	79.425	28.499	28.125	365.71	26.858	0
"2014-01-23	17:00:00"	16.555	77.412	26.049	20.926	200.55	26.875	0
"2014-01-23	18:00:00"	14.382	74.374	24.631	18.686	70.485	26.899	0
"2014-01-23	19:00:00"	10.661	74.926	23.228	17.931	2.0827	26.937	0
"2014-01-23	20:00:00"	8.7943	68.82	21.907	18.525	0.10048	26.961	0
"2014-01-23	21:00:00"	6.369	71.282	20.681	20.076	0.12316	26.976	0
"2014-01-23	22:00:00"	4.4869	76.567	19.191	22.791	0.09942	26.99	0
"2014-01-23	23:00:00"	3.7375	46.915	16.683	26.45	0.10599	26.99	0
"2014-01-24	00:00:00"	4.285	0.68078	14.199	31.083	0.10472	26.993	0
"2014-01-24	01:00:00"	4.218	0.80177	13.574	34.611	0.08773	26.99	0
"2014-01-24	02:00:00"	5.4171	331.83	12.776	37.594	0.1575	26.985	0
"2014-01-24	03:00:00"	5.1027	335.6	11.332	41.176	0.10959	26.976	0
"2014-01-24	04:00:00"	5.0375	341.08	10.787	45.294	0.11913	26.958	0
"2014-01-24	05:00:00"	4.7429	336.98	10.548	49.166	0.11998	26.937	0
"2014-01-24	06:00:00"	3.0391	322.12	10.586	51.108	0.12019	26.923	0
"2014-01-24	07:00:00"	3.0559	290.33	12.323	47.543	0.10514	26.917	0
"2014-01-24	08:00:00"	3.8308	277.3	11.675	49.611	2.3483	26.908	0
"2014-01-24	09:00:00"	4.3863	269.84	13.567	46.629	81.133	26.905	0
"2014-01-24	10:00:00"	8.4668	262.48	19.493	31.521	254.08	26.881	0
"2014-01-24	11:00:00"	9.1584	267.87	25.1	23.665	440.25	26.869	0
"2014-01-24	12:00:00"	10.365	261.23	29.381	19.15	586.58	26.84	0
"2014-01-24	13:00:00"	10.726	263.78	34.355	17.709	666.19	26.798	0
"2014-01-24	14:00:00"	11.417	262.15	38.697	18.643	712.33	26.751	0
"2014-01-24	15:00:00"	11.861	265.88	42.114	19.304	652.41	26.719	0
"2014-01-24	16:00:00"	9.7294	266.34	44.702	18.435	523.06	26.692	0
"2014-01-24	17:00:00"	9.228	268.98	46.429	17.937	336.88	26.683	0
"2014-01-24	18:00:00"	6.9749	269.51	46.864	18.414	141.28	26.674	0
"2014-01-24	19:00:00"	3.3598	259.95	41.612	22.057	4.1347	26.68	0
"2014-01-24	20:00:00"	4.523	257.33	39.247	24.032	0.09158	26.683	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-24	21:00:00"	2.7937	267.27	36.868	26.744	0.07207	26.674	0
"2014-01-24	22:00:00"	2.4252	270.97	35.096	28.57	0.09158	26.672	0
"2014-01-24	23:00:00"	2.2295	280.92	33.552	31.157	0.08649	26.666	0
"2014-01-25	00:00:00"	1.7852	271.15	32.445	32.599	0.1151	26.66	0
"2014-01-25	01:00:00"	2.0263	287.66	31.656	33.847	0.09475	26.648	0
"2014-01-25	02:00:00"	2.739	340.35	30.673	36.166	0.09518	26.639	0
"2014-01-25	03:00:00"	4.6497	348.87	31.195	38.284	0.09645	26.627	0
"2014-01-25	04:00:00"	7.8858	342.69	32.459	36.467	0.09391	26.612	0
"2014-01-25	05:00:00"	8.757	338.82	32.908	36.339	0.09009	26.595	0
"2014-01-25	06:00:00"	8.6265	347.64	33.039	38.788	0.09285	26.592	0
"2014-01-25	07:00:00"	8.2375	349.52	35.156	36.837	0.07843	26.592	0
"2014-01-25	08:00:00"	3.8755	345.05	34.293	38.047	1.4158	26.601	0
"2014-01-25	09:00:00"	4.5223	355.98	36.919	33.786	53.364	26.607	0
"2014-01-25	10:00:00"	5.8055	2.098	44.909	22.946	186.3	26.612	0
"2014-01-25	11:00:00"	7.2899	6.3962	56.028	12.681	385.81	26.618	0
"2014-01-25	12:00:00"	6.1422	344.72	57.981	13.009	415.78	26.604	0
"2014-01-25	13:00:00"	5.0629	284.46	59.426	11.626	450.1	26.571	0
"2014-01-25	14:00:00"	8.0915	263.34	59.754	11.889	477.21	26.542	0
"2014-01-25	15:00:00"	5.3258	266.22	60.741	11.159	333.74	26.512	0
"2014-01-25	16:00:00"	4.0451	242.69	61.66	9.5136	327.32	26.497	0
"2014-01-25	17:00:00"	3.1715	242.81	61.573	9.9336	193.73	26.491	0
"2014-01-25	18:00:00"	2.3009	209.33	60.113	11.084	51.359	26.48	0
"2014-01-25	19:00:00"	5.4003	233.96	58.152	10.945	3.022	26.477	0
"2014-01-25	20:00:00"	4.175	245.27	56.322	12.565	0.09497	26.471	0
"2014-01-25	21:00:00"	3.2026	241.86	54.551	13.898	0.06063	26.456	0
"2014-01-25	22:00:00"	5.1903	253.54	51.555	16.622	0.07928	26.444	0
"2014-01-25	23:00:00"	6.5244	256.27	49.411	19.081	0.0744	26.426	0
"2014-01-26	00:00:00"	4.6044	271.14	47.861	21.486	0.08649	26.412	0
"2014-01-26	01:00:00"	4.7119	259.06	45.301	23.989	0.08034	26.388	0
"2014-01-26	02:00:00"	4.2937	263.25	42.836	26.328	0.0956	26.361	0
"2014-01-26	03:00:00"	3.5636	265.06	41.491	28.168	0.09518	26.344	0
"2014-01-26	04:00:00"	1.7883	323.39	36.303	34.455	0.08882	26.326	0
"2014-01-26	05:00:00"	3.5853	316.36	39.12	34.828	0.07059	26.314	0
"2014-01-26	06:00:00"	4.1495	328.5	40.312	34.712	0.08204	26.294	0
"2014-01-26	07:00:00"	7.3521	338.38	42.151	36.252	0.08903	26.305	0
"2014-01-26	08:00:00"	7.8305	340.96	40.994	38.525	2.93	26.308	0
"2014-01-26	09:00:00"	9.3777	338.49	43.848	36.065	84.987	26.32	0
"2014-01-26	10:00:00"	16.258	343.37	51.984	23.818	259.62	26.329	0
"2014-01-26	11:00:00"	19.802	354.67	59.225	12.676	449.51	26.344	0
"2014-01-26	12:00:00"	17.108	5.4818	62.323	14.213	599.09	26.335	0
"2014-01-26	13:00:00"	15.504	1.5066	64.48	13.8	687.37	26.311	0
"2014-01-26	14:00:00"	13.369	352.26	66.53	12.921	706.42	26.291	0
"2014-01-26	15:00:00"	12.641	349.74	68.116	12.111	654.57	26.273	0
"2014-01-26	16:00:00"	10.786	344.39	69.043	11.373	537.33	26.264	0
"2014-01-26	17:00:00"	10.332	333.82	69.136	10.985	365.33	26.264	0
"2014-01-26	18:00:00"	7.9585	320.52	67.674	11.026	164.21	26.27	0
"2014-01-26	19:00:00"	6.63	316.95	62.918	12.116	4.8972	26.279	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-26	20:00:00"	4.0221	334.73	55.254	15.252	0.07737	26.291	0
"2014-01-26	21:00:00"	3.8102	311.42	53.01	16.818	0.07822	26.302	0
"2014-01-26	22:00:00"	1.9026	301.28	50.5	18.521	0.07038	26.311	0
"2014-01-26	23:00:00"	1.093	2.9918	47.385	20.203	0.10281	26.311	0
"2014-01-27	00:00:00"	1.1266	348.23	46.828	21.47	0.10832	26.317	0
"2014-01-27	01:00:00"	1.3292	321.58	44.285	24.459	0.0854	26.323	0
"2014-01-27	02:00:00"	3.9159	354.73	39.923	29.556	0.06868	26.332	0
"2014-01-27	03:00:00"	7.0153	351.25	43.704	25.387	0.08522	26.341	0
"2014-01-27	04:00:00"	10.71	11.665	46.146	22.976	0.0956	26.391	0
"2014-01-27	05:00:00"	18.411	80.55	42.064	35.526	0.085	26.444	0
"2014-01-27	06:00:00"	22.003	78.945	32.661	61.652	0.08606	26.491	0
"2014-01-27	07:00:00"	20.599	80.946	28.432	52.703	0.08458	26.533	0
"2014-01-27	08:00:00"	15.883	72.543	26.653	46.678	1.6729	26.618	0
"2014-01-27	09:00:00"	14.728	67.469	26.208	40.504	88.781	26.648	0
"2014-01-27	10:00:00"	15.864	77.523	27.228	33.575	266.24	26.672	0
"2014-01-27	11:00:00"	15.26	84.309	27.977	27.231	393.59	26.704	0
"2014-01-27	12:00:00"	11.031	82.5	29.288	24.93	453.07	26.689	0
"2014-01-27	13:00:00"	10.425	89.562	29.987	23.539	355.8	26.607	0
"2014-01-27	14:00:00"	9.2236	98.585	30.898	22.733	494.78	26.586	0
"2014-01-27	15:00:00"	6.7114	119.29	32.124	21.566	607.55	26.547	0
"2014-01-27	16:00:00"	6.3175	137.69	33.401	21.124	528.21	26.539	0
"2014-01-27	17:00:00"	5.9658	150.23	33.754	21.493	348.68	26.527	0
"2014-01-27	18:00:00"	6.0105	133.26	33.397	21.497	153.36	26.518	0
"2014-01-27	19:00:00"	5.3544	125.65	31.632	22.422	6.5485	26.527	0
"2014-01-27	20:00:00"	5.0536	138.19	29.383	24.368	0.10599	26.533	0
"2014-01-27	21:00:00"	5.1742	149.23	27.473	25.613	0.09963	26.515	0
"2014-01-27	22:00:00"	5.6918	137.53	26.017	26.7	0.09391	26.536	0
"2014-01-27	23:00:00"	6.9413	149.87	23.971	28.489	0.13439	26.53	0
"2014-01-28	00:00:00"	8.4084	141.92	22.574	29.372	0.09179	26.524	0
"2014-01-28	01:00:00"	9.7056	120.51	21.048	27.487	0.12557	26.547	0
"2014-01-28	02:00:00"	12.473	107.8	19.37	25.607	0.08564	26.547	0
"2014-01-28	03:00:00"	13.123	101.81	17.683	26.211	0.12146	26.559	0
"2014-01-28	04:00:00"	14.431	95.632	16.57	29.266	0.09369	26.58	0
"2014-01-28	05:00:00"	12.217	92.086	13.889	30.779	0.1115	26.609	0
"2014-01-28	06:00:00"	9.4728	79.844	12.157	30.062	0.10853	26.645	0
"2014-01-28	07:00:00"	5.8539	45.414	11.352	32.361	0.12464	26.672	0
"2014-01-28	08:00:00"	7.2383	29.873	11.259	34.231	4.2729	26.704	0
"2014-01-28	09:00:00"	10.529	43.342	12.314	33.429	88.806	26.722	0
"2014-01-28	10:00:00"	9.7133	47.208	14.324	31.467	226.21	26.754	0
"2014-01-28	11:00:00"	9.2255	53.115	16.143	30.389	301.98	26.76	0
"2014-01-28	12:00:00"	9.9444	58.781	18.923	28.187	523.02	26.757	0
"2014-01-28	13:00:00"	9.3827	61.498	21.626	25.329	643.52	26.731	0
"2014-01-28	14:00:00"	8.1642	47.124	25.438	20.778	667.15	26.695	0
"2014-01-28	15:00:00"	7.4459	58.605	28.784	18.504	657.9	26.674	0
"2014-01-28	16:00:00"	7.2166	66.491	30.451	18.922	550.43	26.677	0
"2014-01-28	17:00:00"	5.642	78.523	31.183	18.347	371.37	26.683	0
"2014-01-28	18:00:00"	5.2121	80.496	31.226	17.69	167.05	26.689	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-28	19:00:00"	3.0913	137.82	29.08	19.079	7.4852	26.698	0
"2014-01-28	20:00:00"	3.0553	161.76	26.515	21.322	0.10323	26.704	0
"2014-01-28	21:00:00"	3.402	194.51	25.338	23.557	0.10875	26.701	0
"2014-01-28	22:00:00"	5.2052	195.92	24.914	24.017	0.11998	26.704	0
"2014-01-28	23:00:00"	6.3728	228.29	21.692	26.358	0.10853	26.707	0
"2014-01-29	00:00:00"	7.0445	249.05	20.728	25.646	0.09793	26.704	0
"2014-01-29	01:00:00"	3.9476	281.4	19.278	27.175	0.10217	26.674	0
"2014-01-29	02:00:00"	2.3034	288.88	18.305	29.646	0.10684	26.654	0
"2014-01-29	03:00:00"	2.9198	282.7	18.499	29.076	0.11404	26.648	0
"2014-01-29	04:00:00"	3.4467	279.63	18.315	29.448	0.12698	26.639	0
"2014-01-29	05:00:00"	3.7972	294.76	17.611	30.827	0.11532	26.63	0
"2014-01-29	06:00:00"	6.1565	265.69	18.267	29.204	0.12994	26.618	0
"2014-01-29	07:00:00"	5.0288	248.01	17.284	30.774	0.11532	26.607	0
"2014-01-29	08:00:00"	5.4867	241.7	17.865	30.029	3.4784	26.612	0
"2014-01-29	09:00:00"	6.2013	226.11	18.929	30.692	89.942	26.604	0
"2014-01-29	10:00:00"	11.261	218.51	25.037	24.934	268.31	26.601	0
"2014-01-29	11:00:00"	13.962	220.57	30.631	21.985	460.23	26.589	0
"2014-01-29	12:00:00"	13.374	221.97	34.74	21.084	609.46	26.568	0
"2014-01-29	13:00:00"	12.555	220.26	38.475	20.123	698.46	26.533	0
"2014-01-29	14:00:00"	11.595	218.4	42.288	19.934	718.74	26.491	0
"2014-01-29	15:00:00"	11.652	233.23	45.658	18.906	667.97	26.456	0
"2014-01-29	16:00:00"	12.975	227.2	47.744	17.955	548.36	26.426	0
"2014-01-29	17:00:00"	13.969	222.44	48.763	17.653	371.8	26.423	0
"2014-01-29	18:00:00"	10.259	216.96	48.434	18.345	169.57	26.415	0
"2014-01-29	19:00:00"	5.6246	215.48	43.883	21.726	8.6804	26.412	0
"2014-01-29	20:00:00"	5.2997	216.15	40.54	24.935	0.08055	26.412	0
"2014-01-29	21:00:00"	7.861	216.57	37.884	26.013	0.0761	26.406	0
"2014-01-29	22:00:00"	10.515	230.31	36.59	25.441	0.08076	26.394	0
"2014-01-29	23:00:00"	11.316	230.04	34.868	26.996	0.09136	26.373	0
"2014-01-30	00:00:00"	9.123	236.41	32.166	30.483	0.11574	26.35	0
"2014-01-30	01:00:00"	7.7047	252.47	30.608	32.966	0.08139	26.326	0
"2014-01-30	02:00:00"	7.462	262.24	30.143	34.04	0.11256	26.299	0
"2014-01-30	03:00:00"	6.7288	266.43	28.852	35.899	0.08606	26.291	0
"2014-01-30	04:00:00"	8.7868	256.89	29.581	36.349	0.09454	26.288	0
"2014-01-30	05:00:00"	8.7514	257.47	29.758	37.221	0.09687	26.27	0
"2014-01-30	06:00:00"	8.6694	258.73	29.106	39.033	0.1026	26.252	0
"2014-01-30	07:00:00"	7.5857	257.94	29.023	39.596	0.08903	26.258	0
"2014-01-30	08:00:00"	6.7586	264.48	28.281	42.518	3.5971	26.264	0
"2014-01-30	09:00:00"	7.3421	258.33	30.522	42.196	84.116	26.276	0
"2014-01-30	10:00:00"	9.1932	254.25	36.962	35.536	214.84	26.291	0
"2014-01-30	11:00:00"	10.555	253.81	42.033	31.385	339.91	26.294	0
"2014-01-30	12:00:00"	11.183	255.28	53.531	23.801	521.17	26.294	0
"2014-01-30	13:00:00"	10.502	264.5	64.606	16.453	646.75	26.261	0
"2014-01-30	14:00:00"	10.969	265.89	70.671	14.067	535.39	26.232	0
"2014-01-30	15:00:00"	10.644	283.57	73.584	13.255	511.65	26.22	0
"2014-01-30	16:00:00"	10.529	293.4	73.846	13.527	256.17	26.211	0
"2014-01-30	17:00:00"	7.6522	262.95	71.302	13.408	113.25	26.208	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-01-30	18:00:00"	4.994	240.27	67.575	14.948	51.09	26.211	0
"2014-01-30	19:00:00"	6.0329	242.71	63.707	17.036	4.6491	26.211	0
"2014-01-30	20:00:00"	4.065	253.62	56.574	21.231	0.08882	26.223	0
"2014-01-30	21:00:00"	5.6271	257.23	55.046	22.734	0.08013	26.232	0
"2014-01-30	22:00:00"	8.7924	251.24	58.038	20.679	0.10578	26.229	0
"2014-01-30	23:00:00"	8.7967	240.79	58.716	20.747	0.08776	26.234	0
"2014-01-31	00:00:00"	9.2274	248.47	57.554	22.512	0.06953	26.252	0
"2014-01-31	01:00:00"	4.6609	284.58	56.918	24.193	0.0973	26.243	0
"2014-01-31	02:00:00"	8.3966	252.04	58.69	22.804	0.08458	26.232	0
"2014-01-31	03:00:00"	7.7323	251.79	55.816	25.449	0.08903	26.226	0
"2014-01-31	04:00:00"	4.5634	297.1	52.304	29.571	0.08034	26.223	0
"2014-01-31	05:00:00"	4.7821	290.63	53.195	29.948	0.09115	26.226	0
"2014-01-31	06:00:00"	3.1603	340.08	48.774	35.465	0.09475	26.24	0
"2014-01-31	07:00:00"	4.6416	328.61	49.76	35.839	0.09475	26.264	0
"2014-01-31	08:00:00"	5.4637	316.07	52.042	34.215	4.4344	26.276	0
"2014-01-31	09:00:00"	2.3792	315.44	49.971	37.887	51.65	26.291	0
"2014-01-31	10:00:00"	5.2972	313	55.628	32.844	164.98	26.308	0
"2014-01-31	11:00:00"	6.0093	303.55	60.69	27.851	247.89	26.314	0
"2014-01-31	12:00:00"	7.3552	271.24	63.896	25.05	320.26	26.302	0
"2014-01-31	13:00:00"	8.2617	261.61	67.059	22.499	504.4	26.267	0
"2014-01-31	14:00:00"	10.526	264.26	68.72	22.12	426.01	26.243	0
"2014-01-31	15:00:00"	15.233	262.79	71.076	20.859	551.35	26.205	0
"2014-01-31	16:00:00"	18.355	260.66	71.953	17.859	312.06	26.19	0
"2014-01-31	17:00:00"	14.48	276.32	71.668	18.355	231.95	26.184	0
"2014-01-31	18:00:00"	7.2116	261.3	69.987	19.49	84.877	26.184	0
"2014-01-31	19:00:00"	8.217	240.59	67.886	19.957	6.1565	26.196	0
"2014-01-31	20:00:00"	8.2102	229.78	64.909	21.306	0.07928	26.199	0
"2014-01-31	21:00:00"	7.925	228.61	61.781	24.238	0.09179	26.202	0
"2014-01-31	22:00:00"	2.9932	261.01	58.418	28.138	0.08204	26.211	0
"2014-01-31	23:00:00"	5.5569	250.77	56.403	31.085	0.08394	26.199	0
"2014-02-01	00:00:00"	5.5961	253.73	56.295	32.502	0.10005	26.187	0
"2014-02-01	01:00:00"	7.0027	230.36	55.079	34.538	0.09935	26.187	0
"2014-02-01	02:00:00"	5.0617	253.78	54.065	38.24	0.08246	26.19	0
"2014-02-01	03:00:00"	3.3051	258.8	50.989	46.249	0.0797	26.187	0
"2014-02-01	04:00:00"	5.8254	236.49	49.755	51.418	0.06275	26.178	0
"2014-02-01	05:00:00"	4.5621	246.42	47.971	51.338	0.08479	26.184	0
"2014-02-01	06:00:00"	4.0507	322.32	45.338	54.44	0.0831	26.19	0
"2014-02-01	07:00:00"	9.1025	339.29	50.018	44.134	0.08882	26.217	0
"2014-02-01	08:00:00"	7.5055	337.41	49.739	44.75	7.1518	26.237	0
"2014-02-01	09:00:00"	5.8365	323.02	52.264	42.214	86.497	26.261	0
"2014-02-01	10:00:00"	4.2626	287.63	57.325	36.331	289.15	26.276	0
"2014-02-01	11:00:00"	11.861	326.51	64.381	27.396	464.26	26.279	0
"2014-02-01	12:00:00"	10.658	309.96	66.622	24.739	541.44	26.27	0
"2014-02-01	13:00:00"	9.5244	291.48	66.943	24.008	473.72	26.249	0
"2014-02-01	14:00:00"	12.007	284.93	68.18	22.131	487.79	26.217	0
"2014-02-01	15:00:00"	12.765	300.04	68.555	21.353	401.03	26.214	0
"2014-02-01	16:00:00"	11.718	289.03	68.262	20.885	290.5	26.22	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-01	17:00:00"	12.125	299.18	67.423	21.102	189.42	26.223	0
"2014-02-01	18:00:00"	13.025	92.788	57.614	32.587	75.247	26.246	0
"2014-02-01	19:00:00"	13.277	107.13	53.074	38.417	14.408	26.27	0
"2014-02-01	20:00:00"	13.856	106.04	49.623	41.651	0.10175	26.294	0
"2014-02-01	21:00:00"	15.623	107.09	46.845	43.741	0.07695	26.308	0
"2014-02-01	22:00:00"	17.644	104.6	44.454	46.497	0.09179	26.329	0
"2014-02-01	23:00:00"	19.2	96.678	41.741	47.052	0.09242	26.358	0
"2014-02-02	00:00:00"	16.269	89.145	37.805	56.558	0.07292	26.391	0.01
"2014-02-02	01:00:00"	16.221	75.464	34.177	74.677	0.09238	26.382	0
"2014-02-02	02:00:00"	16.714	86.685	32.751	78.386	0.09221	26.397	0
"2014-02-02	03:00:00"	16.059	89.548	31.788	79.948	0.0814	26.42	0
"2014-02-02	04:00:00"	14.557	69.392	30.942	79.359	0.08967	26.447	0
"2014-02-02	05:00:00"	11.64	73.079	30.631	81.786	0.10302	26.462	0
"2014-02-02	06:00:00"	9.7294	70.581	30.111	86.583	0.09624	26.477	0
"2014-02-02	07:00:00"	9.5648	76.063	28.745	91.153	0.09475	26.509	0
"2014-02-02	08:00:00"	6.7711	74.549	27.841	90.539	1.3785	26.545	0
"2014-02-02	09:00:00"	9.6312	70.785	27.183	88.81	39.857	26.565	0
"2014-02-02	10:00:00"	10.759	70.155	27.064	84.484	147.1	26.577	0
"2014-02-02	11:00:00"	10.706	55.222	27.575	81.185	243.65	26.604	0
"2014-02-02	12:00:00"	11.303	61.937	28.014	79.264	406.82	26.595	0
"2014-02-02	13:00:00"	9.986	57.569	28.572	78.013	329.78	26.577	0
"2014-02-02	14:00:00"	8.3282	68.085	29.671	77.921	384.69	26.553	0.01
"2014-02-02	15:00:00"	6.8842	74.881	30.609	77.975	281.85	26.545	0.06
"2014-02-02	16:00:00"	5.9186	86.389	31.66	77.703	235.94	26.539	0.03
"2014-02-02	17:00:00"	5.4861	98.053	32.34	76.547	232.94	26.539	0.01
"2014-02-02	18:00:00"	3.5344	91.364	32.685	76.644	63.866	26.536	0.01
"2014-02-02	19:00:00"	3.645	130.68	32.61	76.796	4.9323	26.539	0
"2014-02-02	20:00:00"	3.8873	170.83	32.185	79.755	0.09052	26.55	0
"2014-02-02	21:00:00"	4.395	185.42	31.946	82.217	0.08204	26.556	0
"2014-02-02	22:00:00"	6.1224	184.75	31.523	84.075	0.10027	26.553	0
"2014-02-02	23:00:00"	4.8249	173.63	31.067	85.862	0.12422	26.536	0
"2014-02-03	00:00:00"	5.6918	185.73	30.885	86.865	0.09539	26.545	0
"2014-02-03	01:00:00"	6.1932	195.62	30.586	87.977	0.10154	26.53	0
"2014-02-03	02:00:00"	4.646	178.55	30.187	87.602	0.12062	26.509	0
"2014-02-03	03:00:00"	5.0611	196.07	30.154	88.822	0.10684	26.506	0
"2014-02-03	04:00:00"	7.2154	204.04	30.137	90.532	0.08034	26.485	0
"2014-02-03	05:00:00"	12.174	199.86	29.909	91.39	0.09942	26.474	0
"2014-02-03	06:00:00"	7.7472	208.99	29.733	91.51	0.08182	26.474	0
"2014-02-03	07:00:00"	5.1412	194.73	29.899	92.527	0.10196	26.477	0
"2014-02-03	08:00:00"	8.3556	191.19	30.07	92.953	1.1636	26.465	0
"2014-02-03	09:00:00"	11.08	191.17	30.386	92.979	25.37	26.462	0
"2014-02-03	10:00:00"	8.6389	182.67	30.521	92.937	78.343	26.488	0
"2014-02-03	11:00:00"	7.4564	184.26	30.973	92.855	121.47	26.474	0
"2014-02-03	12:00:00"	9.758	180.78	31.517	92.837	131.66	26.447	0
"2014-02-03	13:00:00"	8.7334	191.21	31.638	92.922	96.319	26.412	0
"2014-02-03	14:00:00"	8.752	183.6	32.169	92.994	153.34	26.344	0
"2014-02-03	15:00:00"	9.4249	173.52	32.44	93.157	109.43	26.308	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-03	16:00:00"	9.7462	173.72	32.069	93.353	76.517	26.294	0
"2014-02-03	17:00:00"	9.8127	176.45	32.002	93.437	55.839	26.282	0
"2014-02-03	18:00:00"	8.0294	169.66	32	93.564	25.703	26.273	0
"2014-02-03	19:00:00"	6.3467	238.73	32	93.677	4.413	26.276	0
"2014-02-03	20:00:00"	6.8543	172.69	32.046	93.775	0.09412	26.276	0
"2014-02-03	21:00:00"	11.144	125.3	32.356	93.828	0.12019	26.291	0
"2014-02-03	22:00:00"	8.5749	142.51	32.637	93.869	0.11956	26.285	0.01
"2014-02-03	23:00:00"	12.554	115.71	31.666	93.759	0.10302	26.279	0
"2014-02-04	00:00:00"	3.8761	62.85	31.003	93.756	0.08119	26.279	0
"2014-02-04	01:00:00"	3.5655	45.97	30.823	93.711	0.09787	26.279	0
"2014-02-04	02:00:00"	2.3072	15.386	30.875	93.691	0.10705	26.302	0
"2014-02-04	03:00:00"	3.5623	32.016	31.55	93.661	0.11044	26.273	0
"2014-02-04	04:00:00"	4.4086	215.39	31.274	93.664	0.08734	26.267	0
"2014-02-04	05:00:00"	6.3193	268.07	31.469	93.604	0.08585	26.273	0
"2014-02-04	06:00:00"	10.672	308.92	31.964	93.608	0.09709	26.243	0
"2014-02-04	07:00:00"	9.8164	277.37	32.155	93.569	0.08225	26.261	0
"2014-02-04	08:00:00"	8.6669	277.52	32.652	93.742	1.4326	26.27	0
"2014-02-04	09:00:00"	28.269	304.75	32.613	93.795	56.099	26.285	0
"2014-02-04	10:00:00"	14.006	259.86	34.005	93.42	240.06	26.299	0
"2014-02-04	11:00:00"	9.7972	283.75	37.791	88.617	444.54	26.314	0
"2014-02-04	12:00:00"	14.516	310.18	44.886	61.208	618.65	26.302	0
"2014-02-04	13:00:00"	15.441	320.91	48.837	50.099	720.1	26.294	0
"2014-02-04	14:00:00"	15.442	319.87	51.336	40.559	746.86	26.279	0
"2014-02-04	15:00:00"	16.036	318.01	53.255	35.357	720.23	26.276	0
"2014-02-04	16:00:00"	13.187	310.7	54.133	32.293	532.75	26.279	0
"2014-02-04	17:00:00"	13.588	321.31	54.083	30.021	345.18	26.299	0
"2014-02-04	18:00:00"	13.52	319.82	53.919	25.048	192.12	26.326	0
"2014-02-04	19:00:00"	5.8608	334.08	49.408	28.4	15.096	26.361	0
"2014-02-04	20:00:00"	4.047	273.88	46.914	31.906	0.08585	26.394	0
"2014-02-04	21:00:00"	1.564	338.36	41.652	42.202	0.08119	26.42	0
"2014-02-04	22:00:00"	3.3691	344.86	39.277	47.519	0.1062	26.456	0
"2014-02-04	23:00:00"	11.355	83.422	34.902	75.053	0.10959	26.48	0
"2014-02-05	00:00:00"	10.837	81.154	31.187	80.499	0.08119	26.5	0
"2014-02-05	01:00:00"	12.806	79.447	28.984	79.499	0.11277	26.524	0
"2014-02-05	02:00:00"	12.406	84.395	27.257	81.603	0.12528	26.547	0
"2014-02-05	03:00:00"	13.614	79.23	25.435	82.345	0.09454	26.556	0
"2014-02-05	04:00:00"	13.059	83.692	24.327	82.704	0.11129	26.586	0
"2014-02-05	05:00:00"	15.906	82.526	24.485	81.426	0.09136	26.595	0
"2014-02-05	06:00:00"	12.17	77.107	24.009	79.882	0.11256	26.66	0
"2014-02-05	07:00:00"	8.7272	69.788	22.153	75.376	0.10133	26.683	0
"2014-02-05	08:00:00"	12.045	69.452	21.164	76.046	2.2158	26.704	0
"2014-02-05	09:00:00"	10.179	76.029	19.38	75.084	72.603	26.742	0
"2014-02-05	10:00:00"	11.267	79.402	19.017	67.413	205.26	26.772	0
"2014-02-05	11:00:00"	11.183	87.159	20.12	62.792	220.16	26.796	0
"2014-02-05	12:00:00"	11.282	97.1	20.805	59.171	323.64	26.769	0
"2014-02-05	13:00:00"	12.795	85.607	21.944	56.198	447.01	26.725	0
"2014-02-05	14:00:00"	13.097	89.538	22.712	52.936	395.35	26.695	0

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"2014-02-05	15:00:00"	12.014	87.585	23.46	51	282.49	26.674	0
"2014-02-05	16:00:00"	13.159	98.382	24.831	49.096	256.01	26.66	0
"2014-02-05	17:00:00"	13.211	106.77	25.509	50.617	172.27	26.654	0
"2014-02-05	18:00:00"	12.403	103.07	24.812	56.169	47.45	26.669	0
"2014-02-05	19:00:00"	12.25	116.59	23.411	63.007	3.797	26.698	0
"2014-02-05	20:00:00"	12.34	109.67	22.094	65.853	0.08437	26.68	0
"2014-02-05	21:00:00"	12.056	115.84	21.063	68.552	0.10747	26.719	0
"2014-02-05	22:00:00"	12.726	111.5	20.004	70.072	0.10366	26.701	0
"2014-02-05	23:00:00"	11.451	110.73	18.505	71.961	0.13143	26.722	0
"2014-02-06	00:00:00"	10.837	100.67	17.448	71.866	0.11277	26.713	0
"2014-02-06	01:00:00"	9.5604	84.949	16.782	67.932	0.08458	26.716	0
"2014-02-06	02:00:00"	9.4386	83.733	15.899	65.249	0.12973	26.71	0
"2014-02-06	03:00:00"	11.249	97.543	15.311	65.665	0.1062	26.695	0
"2014-02-06	04:00:00"	10.957	99.816	14.743	66.747	0.12422	26.692	0
"2014-02-06	05:00:00"	8.3904	104.08	14.416	68.053	0.11532	26.692	0
"2014-02-06	06:00:00"	6.0105	97.925	14.034	70.279	0.11235	26.707	0
"2014-02-06	07:00:00"	5.4718	87.024	13.861	71.882	0.11701	26.719	0
"2014-02-06	08:00:00"	6.4163	96.149	13.624	73.596	1.4762	26.713	0
"2014-02-06	09:00:00"	7.0414	98.802	13.387	75.436	43.483	26.725	0
"2014-02-06	10:00:00"	5.519	87.73	13.897	73.758	151.2	26.728	0
"2014-02-06	11:00:00"	5.0474	105.69	14.798	72.093	254.7	26.725	0
"2014-02-06	12:00:00"	3.8295	146.09	16.444	68.964	382.26	26.71	0
"2014-02-06	13:00:00"	3.9302	187.63	18.265	65.018	436.04	26.677	0
"2014-02-06	14:00:00"	4.5068	185.73	19.414	63.41	437.89	26.639	0
"2014-02-06	15:00:00"	3.635	145.33	21.306	59.232	630.39	26.598	0
"2014-02-06	16:00:00"	4.2222	161.46	24.019	54.907	596.38	26.562	0
"2014-02-06	17:00:00"	5.2139	180.27	25.922	53.773	309.58	26.556	0
"2014-02-06	18:00:00"	5.2854	179.35	25.489	55.942	111.24	26.562	0
"2014-02-06	19:00:00"	8.2338	200.43	24.501	60.367	12.397	26.556	0
"2014-02-06	20:00:00"	7.6758	193.51	21.779	70.216	0.10408	26.568	0
"2014-02-06	21:00:00"	6.2379	181.56	20.804	73.159	0.09836	26.571	0
"2014-02-06	22:00:00"	6.9121	195.69	20.38	73.168	0.09815	26.574	0
"2014-02-06	23:00:00"	6.5828	204.49	20.331	73.396	0.11913	26.556	0
"2014-02-07	00:00:00"	7.106	208.15	20.373	73.071	0.11553	26.545	0
"2014-02-07	01:00:00"	7.864	197.17	19.95	74.789	0.09301	26.527	0
"2014-02-07	02:00:00"	10.129	207.02	20.207	74.769	0.11913	26.509	0
"2014-02-07	03:00:00"	8.2723	205.13	20.377	74.196	0.1168	26.48	0
"2014-02-07	04:00:00"	7.3272	211.87	20.489	73.479	0.11934	26.488	0
"2014-02-07	05:00:00"	9.0335	226.93	20.608	72.959	0.10578	26.48	0
"2014-02-07	06:00:00"	8.473	209.15	20.762	73.366	0.1079	26.483	0
"2014-02-07	07:00:00"	8.8272	216.12	20.982	73.477	0.08755	26.468	0
"2014-02-07	08:00:00"	6.6654	207.9	21.235	78.463	2.8439	26.497	0
"2014-02-07	09:00:00"	9.5834	219.01	21.928	78.008	38.585	26.506	0
"2014-02-07	10:00:00"	13.133	200.93	23.103	79.165	94.994	26.485	0
"2014-02-07	11:00:00"	9.3498	249.05	26.02	75.94	393.05	26.524	0
"2014-02-07	12:00:00"	9.1267	248.32	27.952	73.935	523.35	26.509	0
"2014-02-07	13:00:00"	7.5826	251.72	32.522	66.104	637.25	26.48	0.03

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-07	14:00:00"	9.3827	254.98	37.168	56.373	721.07	26.462	0.03
"2014-02-07	15:00:00"	8.7358	259.22	41.319	49.467	692.13	26.432	0
"2014-02-07	16:00:00"	8.8433	258.26	45.474	43.323	581.36	26.42	0
"2014-02-07	17:00:00"	8.8191	244.52	49.141	38.326	406.22	26.412	0
"2014-02-07	18:00:00"	8.2835	239.03	49.883	36.702	198.21	26.423	0
"2014-02-07	19:00:00"	5.3463	224.69	46.352	42.672	18.504	26.441	0
"2014-02-07	20:00:00"	6.0621	222.39	43.26	47.604	0.09158	26.444	0
"2014-02-07	21:00:00"	5.1561	223.43	40.835	52.22	0.08818	26.459	0
"2014-02-07	22:00:00"	5.7141	252.76	40.341	51.269	0.10366	26.474	0
"2014-02-07	23:00:00"	5.8241	262.32	39.258	53.532	0.08797	26.477	0
"2014-02-08	00:00:00"	6.0553	234.2	39.912	52.112	0.09899	26.465	0
"2014-02-08	01:00:00"	6.0397	234.41	39.267	53.299	0.10747	26.465	0
"2014-02-08	02:00:00"	5.1052	229.76	38.933	54.628	0.10217	26.447	0
"2014-02-08	03:00:00"	5.4128	220.77	36.514	60.425	0.08861	26.444	0
"2014-02-08	04:00:00"	5.3053	238.65	39.395	54.733	0.07843	26.444	0
"2014-02-08	05:00:00"	4.3403	254.19	36.567	59.843	0.10981	26.447	0
"2014-02-08	06:00:00"	2.0251	334.47	32.234	71.661	0.08924	26.45	0
"2014-02-08	07:00:00"	2.1866	305.56	33.136	74.642	0.07695	26.474	0
"2014-02-08	08:00:00"	1.5534	308.85	34.864	68.018	8.8016	26.477	0
"2014-02-08	09:00:00"	2.3612	298.45	36.801	67.15	95.216	26.497	0
"2014-02-08	10:00:00"	2.8484	297.25	41.427	59.227	238.67	26.503	0
"2014-02-08	11:00:00"	5.7626	320.06	48.254	46.296	467.01	26.515	0
"2014-02-08	12:00:00"	8.0312	316.84	54.641	34.999	630.25	26.506	0
"2014-02-08	13:00:00"	9.2609	314.84	59.156	27.584	688.31	26.5	0
"2014-02-08	14:00:00"	10.225	316.29	60.649	24.418	530.61	26.474	0
"2014-02-08	15:00:00"	11.393	312	61.874	22.363	595.26	26.462	0
"2014-02-08	16:00:00"	9.9904	304.09	63.769	20.108	545.76	26.459	0
"2014-02-08	17:00:00"	10.862	297.84	65.296	19.051	404.95	26.447	0
"2014-02-08	18:00:00"	9.4063	295.89	63.578	20.317	156.86	26.456	0
"2014-02-08	19:00:00"	6.571	303.25	60.228	22.988	23.479	26.471	0
"2014-02-08	20:00:00"	2.1164	283.22	54.332	28.874	0.07334	26.488	0
"2014-02-08	21:00:00"	2.6054	225.63	52.611	30.693	0.08034	26.488	0
"2014-02-08	22:00:00"	3.5139	286.4	49.593	34.514	0.08352	26.494	0
"2014-02-08	23:00:00"	2.867	13.228	47.162	39.023	0.09666	26.5	0
"2014-02-09	00:00:00"	3.5219	329.63	44.728	44.057	0.09518	26.494	0
"2014-02-09	01:00:00"	2.9551	344.61	44.399	44.259	0.08413	26.488	0
"2014-02-09	02:00:00"	5.8664	319.96	46.555	40.585	0.07907	26.485	0
"2014-02-09	03:00:00"	3.7518	294.92	47.113	39.139	0.07589	26.474	0
"2014-02-09	04:00:00"	5.4985	284.81	46.112	40.632	0.08225	26.462	0
"2014-02-09	05:00:00"	5.2512	283.17	44.633	43.437	0.08394	26.441	0
"2014-02-09	06:00:00"	3.1572	340.84	43.626	46.695	0.07483	26.42	0
"2014-02-09	07:00:00"	3.0994	313.86	46.519	41.785	0.09709	26.438	0
"2014-02-09	08:00:00"	4.3639	258.6	42.337	48.08	4.4115	26.468	0
"2014-02-09	09:00:00"	4.1626	251.44	45.911	40.064	74.952	26.468	0
"2014-02-09	10:00:00"	7.6808	248.41	48.346	37.862	200.81	26.456	0
"2014-02-09	11:00:00"	6.6611	244.06	51.354	35.931	391.97	26.447	0
"2014-02-09	12:00:00"	9.2218	257.34	58.625	27.924	597.21	26.438	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-09	13:00:00"	8.7787	273.42	66.531	20.117	794.62	26.412	0
"2014-02-09	14:00:00"	8.473	287.72	70.953	16.434	763.8	26.379	0
"2014-02-09	15:00:00"	9.1609	298.84	73.31	15.219	711.67	26.347	0
"2014-02-09	16:00:00"	10.429	301.55	74.412	16.013	593.23	26.347	0
"2014-02-09	17:00:00"	9.9637	308.43	74.092	17.264	416.91	26.338	0
"2014-02-09	18:00:00"	5.9683	301.33	73.272	17.66	205.09	26.332	0
"2014-02-09	19:00:00"	2.4072	266.51	68.559	21.464	21.564	26.344	0
"2014-02-09	20:00:00"	7.5596	209.5	59.346	35.123	0.08903	26.373	0
"2014-02-09	21:00:00"	16.627	100.16	39.055	73.873	0.08882	26.391	0
"2014-02-09	22:00:00"	16.514	96.449	33.837	85.828	0.09158	26.412	0
"2014-02-09	23:00:00"	15.176	98.22	31.948	89.936	0.10133	26.438	0
"2014-02-10	00:00:00"	14.296	99.507	30.397	92.22	0.09285	26.444	0
"2014-02-10	01:00:00"	13.744	96.569	29.454	92.676	0.10175	26.45	0
"2014-02-10	02:00:00"	21.604	281.64	28.686	92.608	0.11299	26.477	0
"2014-02-10	03:00:00"	28.1	21.253	28.176	92.574	0.08606	26.488	0
"2014-02-10	04:00:00"	9.9954	274.24	27.46	92.376	0.07864	26.488	0
"2014-02-10	05:00:00"	10.322	279.87	26.975	92.294	0.10875	26.518	0
"2014-02-10	06:00:00"	30.22	286.16	26.719	92.155	0.07992	26.533	0
"2014-02-10	07:00:00"	46.424	91.452	26.375	92.027	0.09709	26.559	0
"2014-02-10	08:00:00"	24.339	84.286	26.082	91.961	1.2469	26.568	0
"2014-02-10	09:00:00"	43.764	344.71	25.659	91.741	23.892	26.586	0
"2014-02-10	10:00:00"	42.843	249.19	25.534	91.427	69.915	26.577	0
"2014-02-10	11:00:00"	10.926	116.54	25.512	91.207	93.036	26.589	0
"2014-02-10	12:00:00"	10.359	86.149	25.667	90.952	140.29	26.577	0
"2014-02-10	13:00:00"	24.256	304.33	26.003	89.975	199.14	26.55	0
"2014-02-10	14:00:00"	15.18	265.33	26.681	88.122	193.16	26.5	0
"2014-02-10	15:00:00"	9.1783	182.75	27.245	86.206	212.23	26.474	0
"2014-02-10	16:00:00"	11.085	70.606	28.195	82.246	192.44	26.459	0
"2014-02-10	17:00:00"	16.24	271.37	28.969	78.346	136.14	26.453	0
"2014-02-10	18:00:00"	27.127	251.05	28.96	77.001	67.621	26.471	0
"2014-02-10	19:00:00"	11.981	129.83	28.99	75.645	8.6301	26.477	0
"2014-02-10	20:00:00"	12.59	203.2	28.349	76.594	0.10535	26.485	0
"2014-02-10	21:00:00"	7.828	203.96	27.273	78.996	0.10557	26.512	0
"2014-02-10	22:00:00"	7.5441	173.8	26.41	81.232	0.08394	26.518	0
"2014-02-10	23:00:00"	10.988	126.85	25.363	83.486	0.08394	26.545	0
"2014-02-11	00:00:00"	14.485	102.51	24.427	84.895	0.1009	26.553	0
"2014-02-11	01:00:00"	12.055	88.195	24.143	83.023	0.10027	26.559	0
"2014-02-11	02:00:00"	9.8916	94.303	24.13	81.424	0.10451	26.583	0
"2014-02-11	03:00:00"	8.7433	93.959	23.751	81.904	0.10769	26.574	0
"2014-02-11	04:00:00"	5.3463	82.896	23.433	83.283	0.08988	26.571	0
"2014-02-11	05:00:00"	6.1646	84.87	23.484	82.43	0.09539	26.58	0
"2014-02-11	06:00:00"	6.3057	79.711	23.143	80.938	0.11977	26.583	0
"2014-02-11	07:00:00"	7.0936	60.659	22.614	80.826	0.08606	26.592	0
"2014-02-11	08:00:00"	7.5689	57.677	22.381	79.459	2.0306	26.604	0
"2014-02-11	09:00:00"	8.4767	52.182	22.895	79.77	48.232	26.624	0
"2014-02-11	10:00:00"	9.4877	49.32	23.915	76.44	83.145	26.639	0
"2014-02-11	11:00:00"	8.7327	59.64	25.105	70.754	151.86	26.645	0

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"2014-02-11	12:00:00"	8.6426	55.581	26.31	65.878	290.28	26.636	0
"2014-02-11	13:00:00"	8.5215	37.861	27.958	59.774	430.64	26.604	0
"2014-02-11	14:00:00"	6.2075	29.291	29.18	56.797	561.07	26.565	0
"2014-02-11	15:00:00"	6.2367	357.97	31.382	53.92	553.67	26.539	0
"2014-02-11	16:00:00"	7.3396	352.04	32.536	55.07	468.61	26.533	0
"2014-02-11	17:00:00"	7.1016	339.95	34.015	54.888	380.94	26.53	0
"2014-02-11	18:00:00"	4.2682	337.08	34.624	55.359	176.4	26.506	0
"2014-02-11	19:00:00"	2.6912	248.77	33.879	57.062	22.722	26.5	0
"2014-02-11	20:00:00"	3.5866	227.5	31.65	61.082	0.09412	26.509	0
"2014-02-11	21:00:00"	7.4142	239.78	29.767	66.693	0.09942	26.53	0
"2014-02-11	22:00:00"	4.1998	270.39	27.165	73.48	0.11616	26.536	0
"2014-02-11	23:00:00"	5.2127	259.63	26.856	76.215	0.09836	26.527	0
"2014-02-12	00:00:00"	5.7955	253.09	25.803	79.096	0.09539	26.512	0
"2014-02-12	01:00:00"	6.3585	245.25	25.181	80.849	0.10048	26.494	0
"2014-02-12	02:00:00"	5.171	263.13	24.283	82.736	0.09921	26.494	0
"2014-02-12	03:00:00"	5.4904	261.43	24.535	83.937	0.1026	26.488	0
"2014-02-12	04:00:00"	3.9438	281.99	23.75	85.924	0.10557	26.48	0
"2014-02-12	05:00:00"	4.006	294.8	23.335	86.727	0.10981	26.48	0
"2014-02-12	06:00:00"	7.3769	318.23	24.566	85.803	0.09073	26.491	0
"2014-02-12	07:00:00"	8.7619	326.56	24.936	85.108	0.0831	26.518	0
"2014-02-12	08:00:00"	12.801	347.35	27.05	84.395	8.9424	26.53	0
"2014-02-12	09:00:00"	9.4908	352.47	32.15	75.639	123.21	26.562	0
"2014-02-12	10:00:00"	15.806	34.549	43.914	45.897	319.5	26.598	0
"2014-02-12	11:00:00"	19.141	61.776	48.632	34.991	523.87	26.604	0
"2014-02-12	12:00:00"	16.018	73.261	52.195	29.885	671.49	26.595	0
"2014-02-12	13:00:00"	12.262	76.991	54.824	25.353	765.72	26.574	0
"2014-02-12	14:00:00"	9.6095	71.453	56.213	22.396	784.07	26.553	0
"2014-02-12	15:00:00"	6.1211	67.699	57.154	19.987	729.4	26.515	0
"2014-02-12	16:00:00"	3.0975	162.12	58.556	18.349	607.99	26.491	0
"2014-02-12	17:00:00"	4.1135	203.94	58.926	17.888	438.61	26.491	0
"2014-02-12	18:00:00"	5.0841	268.74	59.166	17.982	217.11	26.48	0
"2014-02-12	19:00:00"	4.1949	234.31	55.92	20.177	17.447	26.471	0
"2014-02-12	20:00:00"	2.8745	219.88	50.023	25.121	0.07101	26.474	0
"2014-02-12	21:00:00"	6.6338	226.6	48.316	26.469	0.0708	26.459	0
"2014-02-12	22:00:00"	5.2288	241.1	46.922	27.651	0.08882	26.45	0
"2014-02-12	23:00:00"	4.2489	239.41	45.027	29.599	0.09624	26.429	0
"2014-02-13	00:00:00"	5.8887	240.05	44.413	30.775	0.0725	26.412	0
"2014-02-13	01:00:00"	6.2535	230.54	42.979	32.554	0.07589	26.4	0
"2014-02-13	02:00:00"	4.751	224.34	40.924	36.268	0.09285	26.391	0
"2014-02-13	03:00:00"	4.9648	233.39	40.753	37.205	0.07313	26.376	0
"2014-02-13	04:00:00"	5.1785	250.07	41.422	36.334	0.08055	26.361	0
"2014-02-13	05:00:00"	4.9138	255.7	40.746	37.251	0.09348	26.347	0
"2014-02-13	06:00:00"	3.4306	278.04	39.936	38.532	0.10451	26.353	0
"2014-02-13	07:00:00"	2.3339	281.25	39.453	39.61	0.09984	26.361	0
"2014-02-13	08:00:00"	2.5806	284.08	38.54	41.253	10.223	26.373	0
"2014-02-13	09:00:00"	2.8658	313.91	42.243	38.016	160.09	26.394	0
"2014-02-13	10:00:00"	8.8204	348.36	51.902	28.471	264.39	26.406	0

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"2014-02-13	11:00:00"	16.192	41.352	60.854	22.138	515.95	26.412	0
"2014-02-13	12:00:00"	15.599	61.663	66.191	18.123	673.21	26.412	0
"2014-02-13	13:00:00"	11.948	51.691	67.295	18.086	767.3	26.406	0
"2014-02-13	14:00:00"	10.3	40.169	69.182	17.254	789.08	26.37	0
"2014-02-13	15:00:00"	7.0408	37.743	70.606	16.398	737.95	26.353	0
"2014-02-13	16:00:00"	4.9859	30.272	71.98	15.601	617.44	26.347	0
"2014-02-13	17:00:00"	5.3071	319.61	73.133	15.186	446.36	26.332	0
"2014-02-13	18:00:00"	2.8403	311.58	73.066	15.174	232.21	26.323	0
"2014-02-13	19:00:00"	2.5712	254.25	70.192	16.769	32.493	26.332	0
"2014-02-13	20:00:00"	3.0435	251.52	64.823	20.078	0.07695	26.332	0
"2014-02-13	21:00:00"	1.2328	54.453	56.565	27.162	0.08437	26.335	0
"2014-02-13	22:00:00"	1.3328	334.04	54.426	29.473	0.07123	26.335	0
"2014-02-13	23:00:00"	1.3608	291.79	52.008	32.305	0.07801	26.329	0
"2014-02-14	00:00:00"	2.8198	250.36	52.902	31.383	0.09815	26.317	0
"2014-02-14	01:00:00"	2.8269	270.3	53.475	30.003	0.09407	26.311	0
"2014-02-14	02:00:00"	3.453	273.2	52.755	30.772	0.08522	26.323	0
"2014-02-14	03:00:00"	7.8442	336.91	50.642	33.964	0.09645	26.329	0
"2014-02-14	04:00:00"	8.798	337.36	50.497	34.156	0.07186	26.326	0
"2014-02-14	05:00:00"	7.3651	336.27	49.552	34.617	0.08861	26.335	0
"2014-02-14	06:00:00"	8.7483	338.15	49.383	34.21	0.07059	26.356	0
"2014-02-14	07:00:00"	8.0169	341.6	48.125	35.605	0.08479	26.379	0
"2014-02-14	08:00:00"	6.6033	337.23	46.633	37.185	12.46	26.394	0
"2014-02-14	09:00:00"	9.3529	346.77	53.105	28.714	130.69	26.418	0
"2014-02-14	10:00:00"	9.4622	339.88	61.546	21.807	324.56	26.438	0
"2014-02-14	11:00:00"	17.526	351.49	72.377	15.064	526.43	26.453	0
"2014-02-14	12:00:00"	21.035	355.4	74.56	14.132	682.19	26.447	0
"2014-02-14	13:00:00"	18.968	0.15613	75.302	13.622	774.77	26.447	0
"2014-02-14	14:00:00"	15.687	44.475	73.933	14.453	786.55	26.429	0
"2014-02-14	15:00:00"	14.856	97.622	70.834	16.404	737.38	26.432	0
"2014-02-14	16:00:00"	14.514	106.06	69.404	17.946	632.06	26.453	0
"2014-02-14	17:00:00"	15.24	113.73	67.548	19.94	443.31	26.45	0
"2014-02-14	18:00:00"	15.519	117.96	64.805	22.454	246.62	26.459	0
"2014-02-14	19:00:00"	12.91	125.59	60.59	26.879	43.328	26.465	0
"2014-02-14	20:00:00"	7.3403	132.59	55.828	32.056	0.08098	26.48	0
"2014-02-14	21:00:00"	7.0861	132.95	52.431	36.474	0.08691	26.503	0
"2014-02-14	22:00:00"	6.4486	140.25	49.882	39.805	0.07843	26.509	0
"2014-02-14	23:00:00"	5.7297	143.7	47.625	41.997	0.09454	26.524	0
"2014-02-15	00:00:00"	5.1201	167.03	46.135	43.568	0.07568	26.518	0
"2014-02-15	01:00:00"	3.9583	193.2	44.188	46.621	0.07018	26.509	0
"2014-02-15	02:00:00"	2.616	207.66	43.402	47.554	0.10959	26.5	0
"2014-02-15	03:00:00"	2.7732	205.86	43.431	46.932	0.09327	26.494	0
"2014-02-15	04:00:00"	1.3068	229.1	43.05	46.889	0.08988	26.48	0
"2014-02-15	05:00:00"	1.1433	200.58	41.721	48.215	0.09136	26.465	0
"2014-02-15	06:00:00"	4.482	235.62	43.86	43.978	0.09327	26.465	0
"2014-02-15	07:00:00"	5.2748	256.28	46.077	40.05	0.10705	26.465	0
"2014-02-15	08:00:00"	5.8148	261.67	44.502	42.79	8.9305	26.471	0
"2014-02-15	09:00:00"	3.9637	268.36	43.805	45.18	99.844	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-15	10:00:00"	7.0929	262.57	49.382	38.999	320.22	26.483	0
"2014-02-15	11:00:00"	7.3098	287.46	59.557	28.674	539.76	26.488	0
"2014-02-15	12:00:00"	11.141	327.31	72.839	17.001	668.22	26.48	0
"2014-02-15	13:00:00"	12.487	328.77	77.51	13.481	724.52	26.459	0
"2014-02-15	14:00:00"	14.012	349.55	80.953	10.13	743.08	26.429	0
"2014-02-15	15:00:00"	11.686	345.89	83.153	7.9381	737.95	26.418	0
"2014-02-15	16:00:00"	8.4065	320.71	83.698	7.625	632.97	26.418	0
"2014-02-15	17:00:00"	7.4912	296.13	83.989	7.4108	463.05	26.412	0
"2014-02-15	18:00:00"	7.1296	266.01	82.626	8.1925	242.28	26.409	0
"2014-02-15	19:00:00"	3.2181	252.09	78.354	9.6061	34.38	26.418	0
"2014-02-15	20:00:00"	4.2464	220.16	72.309	12.751	0.07186	26.423	0
"2014-02-15	21:00:00"	4.8678	231.83	70.063	14.156	0.0956	26.432	0
"2014-02-15	22:00:00"	6.1037	225.7	66.878	16.123	0.08055	26.441	0
"2014-02-15	23:00:00"	7.262	254.86	64.938	17.242	0.07101	26.435	0
"2014-02-16	00:00:00"	6.4138	236.23	62.338	19.356	0.08373	26.429	0
"2014-02-16	01:00:00"	6.4505	219	57.852	24.904	0.06638	26.418	0
"2014-02-16	02:00:00"	7.6093	222.28	55.551	29.212	0.07101	26.42	0
"2014-02-16	03:00:00"	4.7199	269.25	53.412	32.993	0.09815	26.426	0
"2014-02-16	04:00:00"	2.2761	340.19	48.163	37.889	0.09264	26.415	0
"2014-02-16	05:00:00"	5.9838	35.057	44.921	46.39	0.07101	26.423	0
"2014-02-16	06:00:00"	9.0347	28.816	42.825	60.126	0.0831	26.426	0
"2014-02-16	07:00:00"	9.6412	30.155	41.613	62.018	0.09348	26.426	0
"2014-02-16	08:00:00"	9.182	26.506	40.759	63.178	21.172	26.441	0
"2014-02-16	09:00:00"	9.1832	33.442	42.904	58.932	103.96	26.462	0
"2014-02-16	10:00:00"	10.983	39.344	45.969	55.207	222.89	26.471	0
"2014-02-16	11:00:00"	8.0492	34.539	53.881	41.965	523.31	26.471	0
"2014-02-16	12:00:00"	5.6694	343.79	61.376	30.664	648.09	26.465	0
"2014-02-16	13:00:00"	5.7464	309.87	67.425	23.793	790.86	26.435	0
"2014-02-16	14:00:00"	9.8003	277.53	74.315	16.598	806.39	26.403	0
"2014-02-16	15:00:00"	10.301	272.93	78.255	12.627	774.13	26.376	0
"2014-02-16	16:00:00"	9.4131	291.36	81.298	8.8028	651.84	26.364	0
"2014-02-16	17:00:00"	8.9937	295.1	81.307	7.8286	417.06	26.361	0
"2014-02-16	18:00:00"	6.6511	286.95	79.684	7.6619	155.95	26.361	0
"2014-02-16	19:00:00"	3.6288	246.51	74.674	8.9936	19.792	26.37	0
"2014-02-16	20:00:00"	8.2916	229.97	72.197	13.136	0.07568	26.385	0
"2014-02-16	21:00:00"	3.9296	260.4	66.504	17.905	0.06783	26.4	0
"2014-02-16	22:00:00"	4.5267	242.05	64.496	20.003	0.05872	26.406	0
"2014-02-16	23:00:00"	5.7906	220.79	61.76	23.021	0.06359	26.406	0
"2014-02-17	00:00:00"	4.4484	219.23	60.045	24.586	0.09327	26.406	0
"2014-02-17	01:00:00"	3.9645	281.68	58.488	23.833	0.08709	26.409	0
"2014-02-17	02:00:00"	3.389	297.65	57.488	22.245	0.07356	26.42	0
"2014-02-17	03:00:00"	7.5484	331.79	56.056	20.846	0.07801	26.423	0
"2014-02-17	04:00:00"	8.1661	347.26	55.737	19.693	0.06995	26.441	0
"2014-02-17	05:00:00"	6.7257	329.3	54.122	20.667	0.08246	26.447	0
"2014-02-17	06:00:00"	7.8007	327.45	55.382	21.153	0.09645	26.468	0
"2014-02-17	07:00:00"	11.698	5.2632	58.547	19.528	0.07652	26.491	0
"2014-02-17	08:00:00"	8.7079	14.277	58.948	20.336	5.6372	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-17	09:00:00"	5.1207	9.8613	59.24	20.855	69.184	26.565	0
"2014-02-17	10:00:00"	7.1259	120.16	59.253	22.203	178.93	26.609	0
"2014-02-17	11:00:00"	18.611	99.102	62.016	20.428	575.39	26.627	0
"2014-02-17	12:00:00"	17.439	108.91	63.3	20.905	710.48	26.63	0
"2014-02-17	13:00:00"	13.681	116.48	65.133	19.943	843.95	26.615	0
"2014-02-17	14:00:00"	12.002	130.39	66.052	19.451	770.48	26.592	0
"2014-02-17	15:00:00"	11.589	149.28	65.984	18.711	623.56	26.574	0
"2014-02-17	16:00:00"	12.018	159.56	64.886	18.596	358.26	26.577	0
"2014-02-17	17:00:00"	11.644	158.86	63.79	18.602	275.02	26.565	0
"2014-02-17	18:00:00"	10.19	147.48	62.679	17.804	131.79	26.571	0
"2014-02-17	19:00:00"	6.489	140.7	59.975	19.235	16.428	26.577	0
"2014-02-17	20:00:00"	4.8374	136.9	54.546	23.275	0.06677	26.574	0
"2014-02-17	21:00:00"	6.7823	140.02	53.242	21.845	0.07462	26.574	0
"2014-02-17	22:00:00"	8.0051	142.23	52.447	19.992	0.08988	26.565	0
"2014-02-17	23:00:00"	9.6325	157.12	51.885	20.729	0.07271	26.553	0
"2014-02-18	00:00:00"	10.85	170.33	51.757	21.336	0.08225	26.539	0
"2014-02-18	01:00:00"	7.9859	175.2	50.292	23.101	0.07462	26.518	0
"2014-02-18	02:00:00"	6.9171	178.88	49.266	24.572	0.09285	26.509	0
"2014-02-18	03:00:00"	5.4612	192.17	48.248	26.702	0.08098	26.488	0
"2014-02-18	04:00:00"	6.2193	198.1	48.008	28.427	0.08246	26.456	0
"2014-02-18	05:00:00"	4.9231	211.56	46.528	30.489	0.05193	26.435	0
"2014-02-18	06:00:00"	4.18	216.48	45.749	32.025	0.08564	26.426	0
"2014-02-18	07:00:00"	6.0832	244.77	47.092	31.181	0.06211	26.42	0
"2014-02-18	08:00:00"	7.0097	265.35	46.729	33.711	13.002	26.429	0
"2014-02-18	09:00:00"	7.5397	244.35	47.668	39.5	134.69	26.438	0
"2014-02-18	10:00:00"	9.9755	226.98	54.122	39.287	353.56	26.447	0
"2014-02-18	11:00:00"	8.9036	252.54	60.704	27.636	507.91	26.45	0
"2014-02-18	12:00:00"	8.8527	261.11	68.29	18.808	705.91	26.435	0
"2014-02-18	13:00:00"	10.402	294.8	76.366	12.761	801.6	26.412	0
"2014-02-18	14:00:00"	14.269	322.45	79.179	10.373	824.3	26.388	0
"2014-02-18	15:00:00"	13.393	344.67	79.126	9.7153	772.27	26.373	0
"2014-02-18	16:00:00"	10.574	337.8	79.037	9.4731	650.37	26.361	0
"2014-02-18	17:00:00"	8.8135	323.23	79.193	9.1792	463.18	26.35	0
"2014-02-18	18:00:00"	6.2491	334.61	77.575	9.495	194.1	26.35	0
"2014-02-18	19:00:00"	1.72	9.9423	71	12.118	24.753	26.358	0
"2014-02-18	20:00:00"	0.87924	39.359	63.545	15.443	0.07907	26.367	0
"2014-02-18	21:00:00"	1.8337	359.25	59.894	17.411	0.06826	26.373	0
"2014-02-18	22:00:00"	1.7137	352.39	59.129	18.176	0.08479	26.385	0
"2014-02-18	23:00:00"	2.9602	333.68	58.902	18.808	0.07165	26.382	0
"2014-02-19	00:00:00"	1.6814	4.3648	52.814	23.205	0.09497	26.379	0
"2014-02-19	01:00:00"	1.7133	5.6658	53.424	22.126	0.089	26.361	0
"2014-02-19	02:00:00"	2.3109	359.78	50.569	23.803	0.07271	26.356	0
"2014-02-19	03:00:00"	1.5615	2.265	49.936	23.858	0.09878	26.326	0
"2014-02-19	04:00:00"	5.1686	254.36	49.663	24.123	0.07546	26.332	0
"2014-02-19	05:00:00"	5.6688	278.83	48.648	27.512	0.08055	26.32	0
"2014-02-19	06:00:00"	1.9859	345.58	48.595	27.379	0.07292	26.302	0
"2014-02-19	07:00:00"	1.7324	27.878	45.952	31.616	0.0956	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-19	08:00:00"	3.2752	157.79	45.004	32.707	12.203	26.314	0
"2014-02-19	09:00:00"	1.7398	98.757	50.233	28.091	153.53	26.32	0
"2014-02-19	10:00:00"	3.3579	209.47	59.314	19.448	357.43	26.314	0
"2014-02-19	11:00:00"	6.7468	264.74	65.888	16.253	559.63	26.305	0
"2014-02-19	12:00:00"	12.172	261.54	74.638	11.596	708.75	26.285	0
"2014-02-19	13:00:00"	15.577	267.21	77.255	10.336	765.2	26.255	0
"2014-02-19	14:00:00"	13.763	283.89	78.399	9.5508	680.43	26.22	0
"2014-02-19	15:00:00"	14.088	294.4	78.66	9.3747	658.32	26.19	0
"2014-02-19	16:00:00"	15.913	290.4	78.609	8.7642	524.61	26.172	0
"2014-02-19	17:00:00"	16.321	271.75	78.671	7.9672	376.1	26.155	0
"2014-02-19	18:00:00"	11.254	301.89	76.044	8.3389	110.54	26.158	0
"2014-02-19	19:00:00"	5.1157	291.22	71.66	9.8061	14.289	26.161	0
"2014-02-19	20:00:00"	2.9118	262.77	67.66	11.189	0.06635	26.149	0
"2014-02-19	21:00:00"	9.0621	258.39	67.825	11.046	0.08818	26.149	0
"2014-02-19	22:00:00"	8.921	250.47	66.775	11.513	0.08098	26.146	0
"2014-02-19	23:00:00"	10.543	254.24	65.877	12.096	0.05766	26.143	0
"2014-02-20	00:00:00"	10.378	253.59	65.14	12.383	0.08543	26.137	0
"2014-02-20	01:00:00"	7.526	255.99	62.128	13.898	0.07907	26.146	0
"2014-02-20	02:00:00"	8.3966	249.92	59.571	15.038	0.07101	26.167	0
"2014-02-20	03:00:00"	6.658	259.41	57.226	15.941	0.08628	26.172	0
"2014-02-20	04:00:00"	4.2005	279.02	55.794	16.92	0.08861	26.178	0
"2014-02-20	05:00:00"	2.4793	300.86	55.733	16.962	0.06508	26.208	0
"2014-02-20	06:00:00"	9.09	320.98	57.739	15.991	0.11341	26.237	0
"2014-02-20	07:00:00"	11.861	6.6094	53.808	20.45	0.09052	26.288	0
"2014-02-20	08:00:00"	10.41	6.4385	48.612	28.084	13.676	26.332	0
"2014-02-20	09:00:00"	13.563	10.642	51.099	26.976	145.19	26.373	0
"2014-02-20	10:00:00"	22.674	19.612	54.391	23.425	356.11	26.403	0
"2014-02-20	11:00:00"	24.691	15.357	56.527	18.876	562.64	26.438	0
"2014-02-20	12:00:00"	26.66	9.0803	58.769	13.238	724.39	26.453	0
"2014-02-20	13:00:00"	25.553	11.481	59.291	10.132	820.15	26.453	0
"2014-02-20	14:00:00"	25.184	14.548	59.338	8.4539	839.66	26.435	0
"2014-02-20	15:00:00"	24.385	14.259	59.65	7.8425	788.16	26.426	0
"2014-02-20	16:00:00"	22.847	12.446	61.276	6.0806	660.49	26.435	0
"2014-02-20	17:00:00"	19.793	8.3964	61.803	4.8936	469.06	26.45	0
"2014-02-20	18:00:00"	16.112	12.49	60.26	4.4594	228.37	26.468	0
"2014-02-20	19:00:00"	7.6826	6.9969	55.48	5.4589	31.625	26.48	0
"2014-02-20	20:00:00"	3.2262	16.552	49.449	7.3056	0.11299	26.497	0
"2014-02-20	21:00:00"	3.1976	8.8828	47.072	8.2689	0.10196	26.515	0
"2014-02-20	22:00:00"	2.6943	6.151	43.162	9.9192	0.08712	26.527	0
"2014-02-20	23:00:00"	2.8577	1.8731	41.173	11.765	0.09454	26.536	0
"2014-02-21	00:00:00"	2.6657	5.998	36.142	14.881	0.07356	26.524	0
"2014-02-21	01:00:00"	3.3604	5.1527	35.935	14.797	0.10379	26.512	0
"2014-02-21	02:00:00"	2.7813	9.7897	34.617	16.208	0.09539	26.497	0
"2014-02-21	03:00:00"	2.2854	14.985	34.118	16.624	0.092	26.491	0
"2014-02-21	04:00:00"	2.1139	355.19	34.42	17.158	0.09581	26.483	0
"2014-02-21	05:00:00"	2.1176	218.19	32.679	19.899	0.06995	26.491	0
"2014-02-21	06:00:00"	2.2686	342.84	32.416	19.318	0.08967	26.491	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-21	07:00:00"	3.973	305.33	34.548	18.179	0.08776	26.494	0
"2014-02-21	08:00:00"	2.534	346.57	32.682	19.78	15.693	26.483	0
"2014-02-21	09:00:00"	4.1309	219.64	36.675	21.118	137.59	26.494	0
"2014-02-21	10:00:00"	5.355	224.62	43.633	23.906	259.42	26.494	0
"2014-02-21	11:00:00"	11.156	217.75	48.958	20.718	353.01	26.491	0
"2014-02-21	12:00:00"	12.58	217.65	53.538	20.423	436.42	26.468	0
"2014-02-21	13:00:00"	13.374	217.44	56.702	20.368	524.61	26.438	0
"2014-02-21	14:00:00"	10.643	223.86	60.16	16.481	813.28	26.409	0
"2014-02-21	15:00:00"	8.0946	255.74	62.708	13.128	430.06	26.385	0
"2014-02-21	16:00:00"	3.9761	235.63	63.555	11.952	400.76	26.361	0
"2014-02-21	17:00:00"	2.222	218.47	66.053	10.009	443.22	26.35	0
"2014-02-21	18:00:00"	2.6464	127.15	66.11	9.8433	147.47	26.338	0
"2014-02-21	19:00:00"	3.9451	100.08	61.985	12.371	14.087	26.341	0
"2014-02-21	20:00:00"	4.4602	97.619	57.818	15.216	0.06995	26.35	0
"2014-02-21	21:00:00"	4.7622	139.11	56.415	16.611	0.07568	26.364	0
"2014-02-21	22:00:00"	3.9929	117.83	55.518	20.36	0.06783	26.367	0
"2014-02-21	23:00:00"	1.9275	86.931	49.833	25.254	0.07546	26.361	0
"2014-02-22	00:00:00"	1.0017	163.71	46.783	29.089	0.0903	26.353	0
"2014-02-22	01:00:00"	0.96188	166.65	46.109	33.804	0.08712	26.344	0
"2014-02-22	02:00:00"	1.3993	216.34	45.787	36.733	0.10557	26.341	0
"2014-02-22	03:00:00"	1.3521	49.609	39.786	42.076	0.0797	26.326	0
"2014-02-22	04:00:00"	5.0965	242.11	45.248	38.575	0.08522	26.326	0
"2014-02-22	05:00:00"	4.0333	266.69	46.314	36.992	0.08479	26.332	0
"2014-02-22	06:00:00"	3.302	292.53	42.066	42.829	0.10366	26.347	0
"2014-02-22	07:00:00"	2.3569	305.82	39.465	47.831	0.0956	26.353	0
"2014-02-22	08:00:00"	1.4124	337.13	39.01	47.804	14.237	26.356	0
"2014-02-22	09:00:00"	4.3235	342.83	45.752	36.132	165.72	26.376	0
"2014-02-22	10:00:00"	7.2638	328.82	54.51	20.56	395.85	26.388	0
"2014-02-22	11:00:00"	5.885	342.65	60.537	16.273	576.3	26.388	0
"2014-02-22	12:00:00"	5.936	325.84	66.253	11.368	713.1	26.373	0
"2014-02-22	13:00:00"	5.2761	305.28	70.248	8.7656	801.62	26.344	0
"2014-02-22	14:00:00"	9.4479	322.67	73.475	6.6394	817.76	26.308	0
"2014-02-22	15:00:00"	9.9252	307.37	75.706	6.005	770.12	26.285	0
"2014-02-22	16:00:00"	12.816	287.06	76.807	5.4878	581.82	26.27	0
"2014-02-22	17:00:00"	12.532	273.76	76.558	4.4914	389.43	26.261	0
"2014-02-22	18:00:00"	11.016	261.74	74.729	5.477	195.48	26.264	0
"2014-02-22	19:00:00"	8.5749	252.83	70.96	5.872	26.958	26.279	0
"2014-02-22	20:00:00"	7.6143	244.43	66.889	7.4519	0.10917	26.291	0
"2014-02-22	21:00:00"	3.2554	261.54	60.547	9.2069	0.08882	26.308	0
"2014-02-22	22:00:00"	6.2274	297.24	59.439	10.041	0.08628	26.329	0
"2014-02-22	23:00:00"	6.1006	337.46	56.202	11.409	0.0708	26.332	0
"2014-02-23	00:00:00"	5.8415	352.23	53.065	13.419	0.08776	26.332	0
"2014-02-23	01:00:00"	3.9602	351.84	52.014	14.297	0.08498	26.329	0
"2014-02-23	02:00:00"	3.1454	341.61	49.782	16.27	0.06614	26.335	0
"2014-02-23	03:00:00"	3.9252	327.27	49.738	16.669	0.08373	26.338	0
"2014-02-23	04:00:00"	5.547	353.88	48.753	17.422	0.07652	26.353	0
"2014-02-23	05:00:00"	8.2642	2.2447	52.402	15.413	0.09052	26.37	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-23	06:00:00"	4.3484	283.61	53.576	14.292	0.0903	26.391	0
"2014-02-23	07:00:00"	3.2976	357.96	46.265	20.781	0.08161	26.415	0
"2014-02-23	08:00:00"	3.338	34.078	44.225	25.693	22.81	26.432	0
"2014-02-23	09:00:00"	6.9631	42.189	56.6	18.94	171.45	26.459	0
"2014-02-23	10:00:00"	6.7363	37.727	63.922	14.347	393.91	26.48	0
"2014-02-23	11:00:00"	5.0275	41.971	68.204	11.796	583.75	26.485	0
"2014-02-23	12:00:00"	5.327	71.829	70.479	10.891	734.66	26.485	0
"2014-02-23	13:00:00"	4.9511	178.38	72.141	10.049	827.96	26.471	0
"2014-02-23	14:00:00"	5.3289	245.67	73.397	9.3947	673.71	26.453	0
"2014-02-23	15:00:00"	4.7206	311.93	73.849	9.3189	470.83	26.435	0
"2014-02-23	16:00:00"	4.7087	235.05	74.801	8.8472	508.2	26.423	0
"2014-02-23	17:00:00"	4.4639	279.5	74.829	8.9608	358.39	26.423	0
"2014-02-23	18:00:00"	3.9668	252.59	73.846	9.2969	147.56	26.429	0
"2014-02-23	19:00:00"	7.8336	158.87	68.49	13.88	22.458	26.45	0
"2014-02-23	20:00:00"	9.955	128.25	59.112	23.766	0.04579	26.468	0
"2014-02-23	21:00:00"	10.214	113.02	53.488	30.686	0.07313	26.483	0
"2014-02-23	22:00:00"	9.3821	118.75	49.296	37.516	0.09454	26.488	0
"2014-02-23	23:00:00"	8.4109	113.91	46.839	43.382	0.0973	26.503	0
"2014-02-24	00:00:00"	6.9246	129.87	45.757	45.859	0.08204	26.494	0
"2014-02-24	01:00:00"	7.7019	143.79	46.807	45.017	0.07525	26.485	0
"2014-02-24	02:00:00"	7.7448	151.23	46.691	45.692	0.08373	26.477	0
"2014-02-24	03:00:00"	8.3655	141.87	46.134	47.281	0.08119	26.462	0
"2014-02-24	04:00:00"	13.108	123.66	44.711	50.818	0.08967	26.456	0
"2014-02-24	05:00:00"	6.4741	99.64	43.647	53.857	0.08606	26.471	0
"2014-02-24	06:00:00"	5.5078	88.376	42.521	56.516	0.08628	26.483	0
"2014-02-24	07:00:00"	6.0503	114.45	41.439	58.767	0.0831	26.488	0
"2014-02-24	08:00:00"	6.4181	108.88	41.492	58.597	7.9817	26.5	0
"2014-02-24	09:00:00"	7.188	111.28	42.369	56.728	145.96	26.524	0
"2014-02-24	10:00:00"	5.478	115.73	46.305	50.971	338.7	26.542	0
"2014-02-24	11:00:00"	3.5977	158.09	50.454	44.784	498.28	26.533	0
"2014-02-24	12:00:00"	4.6274	207.65	55.982	37.425	736.57	26.515	0
"2014-02-24	13:00:00"	5.0791	255.41	62.241	29.858	826.12	26.485	0
"2014-02-24	14:00:00"	5.4097	277.59	67.197	23.564	814.35	26.45	0
"2014-02-24	15:00:00"	5.1916	300.84	71.334	17.03	704.68	26.423	0
"2014-02-24	16:00:00"	5.4184	304.66	73.378	13.077	473.11	26.415	0
"2014-02-24	17:00:00"	4.0526	253.49	73.161	13.431	231.1	26.403	0
"2014-02-24	18:00:00"	3.7009	290.11	73.66	12.351	185.28	26.394	0
"2014-02-24	19:00:00"	4.8088	219.34	70.898	16.223	26.598	26.403	0
"2014-02-24	20:00:00"	3.0472	190.52	65.613	21.048	0.07123	26.409	0
"2014-02-24	21:00:00"	4.9946	191	64.113	22.343	0.05745	26.426	0
"2014-02-24	22:00:00"	4.6926	204.68	60.889	26.19	0.07886	26.429	0
"2014-02-24	23:00:00"	2.8794	217.9	58.522	28.783	0.07059	26.435	0
"2014-02-25	00:00:00"	3.3187	225.17	59.242	28.327	0.0708	26.432	0
"2014-02-25	01:00:00"	2.3795	244.86	58.321	29.092	0.06236	26.426	0
"2014-02-25	02:00:00"	3.2069	230.12	57.797	30.476	0.06953	26.426	0
"2014-02-25	03:00:00"	3.0627	225.88	56.066	36.434	0.092	26.418	0
"2014-02-25	04:00:00"	2.4084	233.86	53.779	51.746	0.10048	26.412	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-25	05:00:00"	3.0944	280.49	54.449	61.901	0.07313	26.397	0
"2014-02-25	06:00:00"	3.3287	287.72	53.796	57.221	0.08946	26.409	0
"2014-02-25	07:00:00"	10.048	356.85	50.433	47.726	0.08246	26.456	0
"2014-02-25	08:00:00"	15.573	67.386	42.678	45.65	9.9639	26.477	0
"2014-02-25	09:00:00"	17.513	82.831	39.848	69.699	81.788	26.518	0
"2014-02-25	10:00:00"	13.896	80.697	39.291	85.403	114.24	26.533	0
"2014-02-25	11:00:00"	13.435	79.16	40.879	84.177	138.24	26.539	0
"2014-02-25	12:00:00"	12.339	77.241	42.226	80.147	229.05	26.545	0
"2014-02-25	13:00:00"	9.9264	77.949	42.937	79.511	205.29	26.521	0
"2014-02-25	14:00:00"	9.2485	80.511	43.357	78.333	222.45	26.474	0
"2014-02-25	15:00:00"	6.9295	81.781	43.872	77.217	247.62	26.45	0
"2014-02-25	16:00:00"	6.3231	95.641	44.786	75.354	272.24	26.426	0
"2014-02-25	17:00:00"	6.5418	124.61	46.136	72.918	240.41	26.42	0
"2014-02-25	18:00:00"	5.8372	150.91	46.351	73.447	110.65	26.412	0
"2014-02-25	19:00:00"	5.8254	125.79	45.284	76.127	12.689	26.42	0
"2014-02-25	20:00:00"	6.4405	158.13	44.215	78.657	0.07568	26.441	0
"2014-02-25	21:00:00"	6.9562	172.2	42.926	84.588	0.08818	26.453	0
"2014-02-25	22:00:00"	7.4863	158.45	42.474	86.121	0.09391	26.462	0
"2014-02-25	23:00:00"	7.6565	144.55	41.716	89.631	0.09921	26.477	0
"2014-02-26	00:00:00"	11.392	120.2	40.58	91.632	0.12422	26.491	0
"2014-02-26	01:00:00"	17.887	105.79	37.732	92.61	0.09745	26.509	0
"2014-02-26	02:00:00"	19.136	92.813	34.018	87.509	0.1062	26.559	0
"2014-02-26	03:00:00"	19.512	92.6	32.247	86.826	0.07907	26.568	0
"2014-02-26	04:00:00"	18.55	95.141	31.246	83.172	0.09581	26.577	0
"2014-02-26	05:00:00"	17.037	83.852	29.965	80.345	0.09306	26.577	0
"2014-02-26	06:00:00"	14.077	78.075	28.038	75.125	0.10493	26.645	0
"2014-02-26	07:00:00"	12.189	75.361	26.596	75.196	0.10875	26.663	0
"2014-02-26	08:00:00"	10.83	66.538	25.064	75.932	3.1928	26.666	0
"2014-02-26	09:00:00"	8.0896	54.205	25.124	75.134	43.531	26.683	0
"2014-02-26	10:00:00"	5.2723	26.434	25.742	74.127	107.34	26.677	0
"2014-02-26	11:00:00"	2.9316	43.018	27.527	71.82	220.23	26.648	0
"2014-02-26	12:00:00"	2.6023	126.27	29.587	69.159	330.62	26.627	0.01
"2014-02-26	13:00:00"	4.0321	208.73	32.218	65.923	512.54	26.58	0
"2014-02-26	14:00:00"	6.4598	256.95	34.598	63.852	549.73	26.536	0
"2014-02-26	15:00:00"	8.0673	253.62	36.819	62.782	590.2	26.491	0
"2014-02-26	16:00:00"	8.1424	259.2	39.434	57.627	554.86	26.465	0
"2014-02-26	17:00:00"	8.1996	238.44	41.726	52.956	453.64	26.444	0
"2014-02-26	18:00:00"	8.588	231.84	42.487	50.289	257.38	26.441	0
"2014-02-26	19:00:00"	9.2274	220.15	41.271	51.836	49.714	26.447	0
"2014-02-26	20:00:00"	5.793	199.64	38.706	57.947	0.10747	26.462	0
"2014-02-26	21:00:00"	6.3753	197.07	36.74	63.129	0.13545	26.462	0
"2014-02-26	22:00:00"	7.0184	199.07	35.247	67.172	0.0867	26.477	0
"2014-02-26	23:00:00"	6.3703	189.73	33.914	70.538	0.11299	26.477	0
"2014-02-27	00:00:00"	5.1934	190	33.025	73.438	0.09518	26.474	0
"2014-02-27	01:00:00"	3.8871	179.46	32.488	76.221	0.09301	26.462	0
"2014-02-27	02:00:00"	4.0439	186.93	32.144	78.54	0.09475	26.45	0
"2014-02-27	03:00:00"	2.6781	152.45	31.11	80.079	0.08416	26.447	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-02-27	04:00:00"	4.6808	210.55	32.126	78.976	0.07568	26.432	0
"2014-02-27	05:00:00"	3.8494	288.61	31.786	76.137	0.11299	26.432	0
"2014-02-27	06:00:00"	2.0679	357.83	29.773	81.844	0.11341	26.435	0
"2014-02-27	07:00:00"	1.8132	22.683	31.551	80.309	0.10981	26.432	0
"2014-02-27	08:00:00"	1.9287	72.043	31.402	80.498	24.544	26.429	0
"2014-02-27	09:00:00"	2.1692	128.19	34.146	71.331	137.4	26.435	0
"2014-02-27	10:00:00"	4.6802	203.02	37.747	64.231	387.21	26.429	0
"2014-02-27	11:00:00"	6.5977	225.02	41.615	60.319	579.82	26.409	0
"2014-02-27	12:00:00"	8.1617	221.13	46.846	52.589	737.75	26.373	0
"2014-02-27	13:00:00"	9.8027	232.01	52.465	44.688	833.76	26.347	0
"2014-02-27	14:00:00"	9.7139	251.3	56.663	38.666	854.96	26.305	0
"2014-02-27	15:00:00"	9.5225	256.59	61.643	32.047	800.36	26.273	0
"2014-02-27	16:00:00"	9.2665	241.35	65.062	28.222	672.94	26.24	0
"2014-02-27	17:00:00"	11.388	222.13	66.52	27.159	488.63	26.208	0
"2014-02-27	18:00:00"	12.419	227.57	68.222	25.359	265.08	26.196	0
"2014-02-27	19:00:00"	10.919	221.41	66.139	27.13	49.735	26.196	0
"2014-02-27	20:00:00"	7.9343	212.41	59.262	37.018	0.10959	26.187	0
"2014-02-27	21:00:00"	12.443	215.45	57.33	42.955	0.08458	26.175	0
"2014-02-27	22:00:00"	8.7334	210.57	54.515	49.137	0.09603	26.175	0
"2014-02-27	23:00:00"	5.0424	219.38	51.158	55.376	0.08712	26.181	0
"2014-02-28	00:00:00"	5.8502	257.47	49.984	58.687	0.08988	26.187	0
"2014-02-28	01:00:00"	6.5739	238.52	48.691	61.614	0.09513	26.184	0
"2014-02-28	02:00:00"	7.7131	233.32	46.428	65.202	0.09242	26.193	0
"2014-02-28	03:00:00"	6.2591	245.38	46.241	63.607	0.08606	26.187	0
"2014-02-28	04:00:00"	7.5739	314.16	51.492	45.725	0.08691	26.202	0
"2014-02-28	05:00:00"	11.979	328.87	57.299	28.344	0.09581	26.211	0
"2014-02-28	06:00:00"	9.8836	325.02	55.37	28.246	0.08055	26.24	0
"2014-02-28	07:00:00"	5.8483	333.21	50.014	33.363	0.08013	26.255	0
"2014-02-28	08:00:00"	5.8017	351.4	47.202	36.894	28.838	26.285	0
"2014-02-28	09:00:00"	4.9486	324.99	51.609	32.729	179.09	26.314	0
"2014-02-28	10:00:00"	9.6791	340.83	59.707	25.093	399.23	26.332	0
"2014-02-28	11:00:00"	14.219	344.56	65.961	17.728	609.29	26.332	0
"2014-02-28	12:00:00"	11.318	328.72	69.229	14.155	768.54	26.332	0
"2014-02-28	13:00:00"	9.4983	316.59	71.839	11.794	861.49	26.32	0
"2014-02-28	14:00:00"	9.8798	309.49	73.914	10.963	871.79	26.285	0
"2014-02-28	15:00:00"	9.374	300.18	75.562	10.655	817.09	26.267	0
"2014-02-28	16:00:00"	8.7402	266.69	77.122	10.316	691.1	26.261	0
"2014-02-28	17:00:00"	9.6157	278.67	77.657	9.0619	510.55	26.264	0
"2014-02-28	18:00:00"	7.0662	292.58	77.247	8.9753	285.18	26.261	0
"2014-02-28	19:00:00"	3.4803	265.34	74.395	11.343	58.496	26.27	0
"2014-02-28	20:00:00"	3.7214	288.35	67.643	14.356	0.12422	26.288	0
"2014-02-28	21:00:00"	2.1152	269.54	62.245	18.611	0.0744	26.308	0
"2014-02-28	22:00:00"	2.0244	253.4	59.978	22.275	0.06889	26.323	0
"2014-02-28	23:00:00"	1.4236	296.3	57.567	25.748	0.09878	26.338	0
"2014-03-01	00:00:00"	1.8517	356.97	55.175	28.227	0.09052	26.323	0
"2014-03-01	01:00:00"	3.0615	319.97	55.371	29.093	0.07652	26.338	0
"2014-03-01	02:00:00"	4.2228	221.19	53.384	30.742	0.06656	26.347	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-01"	03:00:00"	2.3587	207.8	52.943	32.47	0.08416	26.338	0
"2014-03-01"	04:00:00"	3.6804	213.34	55.326	30.456	0.08331	26.335	0
"2014-03-01"	05:00:00"	5.0691	218.16	53.635	32.454	0.08182	26.35	0
"2014-03-01"	06:00:00"	4.5994	212.63	52.334	33.481	0.09052	26.364	0
"2014-03-01"	07:00:00"	5.6066	225.56	51.613	34.482	0.09836	26.361	0
"2014-03-01"	08:00:00"	4.8709	218.19	52.196	33.754	32.166	26.373	0
"2014-03-01"	09:00:00"	5.2891	215.01	53.517	33.401	182.83	26.397	0
"2014-03-01"	10:00:00"	7.2607	219.62	61.442	25.853	349.79	26.406	0
"2014-03-01"	11:00:00"	9.4281	230.94	69.835	19.895	569.03	26.4	0
"2014-03-01"	12:00:00"	14.159	262.88	74.979	15.292	644.84	26.382	0
"2014-03-01"	13:00:00"	13.707	265.49	77.288	13.304	828.91	26.341	0
"2014-03-01"	14:00:00"	14.416	266.41	79.232	11.705	730.09	26.302	0
"2014-03-01"	15:00:00"	15.394	268.74	80.727	10.625	814.13	26.288	0
"2014-03-01"	16:00:00"	15.728	264.39	81.543	10.011	687.61	26.282	0
"2014-03-01"	17:00:00"	16.213	263.14	81.046	10.149	462.81	26.276	0
"2014-03-01"	18:00:00"	11.044	280.69	79.48	10.989	196.27	26.291	0
"2014-03-01"	19:00:00"	3.9612	269.4	74.405	12.978	21.018	26.296	0
"2014-03-01"	20:00:00"	5.2183	234.41	72.373	13.515	0.06783	26.311	0
"2014-03-01"	21:00:00"	4.1669	238.68	70.159	14.093	0.06529	26.317	0
"2014-03-01"	22:00:00"	0.95691	333.63	62.157	19.424	0.06699	26.332	0
"2014-03-01"	23:00:00"	2.4855	22.132	60.243	21.627	0.09433	26.335	0
"2014-03-02"	00:00:00"	6.3169	67.725	60.078	25.585	0.06868	26.385	0
"2014-03-02"	01:00:00"	4.3272	79.799	57.653	32.548	0.08522	26.373	0
"2014-03-02"	02:00:00"	16.205	80.749	49.027	62.359	0.07165	26.373	0
"2014-03-02"	03:00:00"	18.238	92.312	42.629	76.28	0.07822	26.35	0
"2014-03-02"	04:00:00"	16.05	94.415	38.055	75.317	0.08691	26.4	0
"2014-03-02"	05:00:00"	13.326	82.677	36.003	76.074	0.09412	26.391	0
"2014-03-02"	06:00:00"	16.1	93.696	34.656	76.271	0.07398	26.409	0
"2014-03-02"	07:00:00"	14.84	86.159	32.684	75.653	0.08204	26.418	0
"2014-03-02"	08:00:00"	14.767	96.246	31.451	75.028	9.2588	26.45	0
"2014-03-02"	09:00:00"	13.999	92.583	29.818	75.253	47.918	26.485	0
"2014-03-02"	10:00:00"	14.37	49.625	28.323	75.904	84.059	26.559	0
"2014-03-02"	11:00:00"	12.474	65.357	28.477	72.422	263.44	26.53	0
"2014-03-02"	12:00:00"	10.829	99.962	31.32	64.991	211.28	26.512	0
"2014-03-02"	13:00:00"	12.776	140.08	31.413	70.219	198.35	26.474	0
"2014-03-02"	14:00:00"	9.9339	174.39	34.987	67.11	609.11	26.45	0
"2014-03-02"	15:00:00"	9.9171	232.86	44.597	54.255	792.48	26.45	0
"2014-03-02"	16:00:00"	7.129	213.53	50.356	47.402	673.53	26.435	0
"2014-03-02"	17:00:00"	10.792	116.88	50.683	44.107	494.39	26.459	0
"2014-03-02"	18:00:00"	17.364	78.208	38.682	57.736	273.97	26.491	0
"2014-03-02"	19:00:00"	13.665	80.424	31.602	67.772	53.935	26.527	0
"2014-03-02"	20:00:00"	12.997	76.405	27.945	74.74	0.1274	26.553	0
"2014-03-02"	21:00:00"	13.735	68.445	24.511	76.986	0.11108	26.595	0
"2014-03-02"	22:00:00"	14.131	58.294	21.081	76.552	0.11023	26.612	0
"2014-03-02"	23:00:00"	14.274	54.498	18.83	77.972	0.0884	26.657	0
"2014-03-03"	00:00:00"	10.991	40.03	18.221	78.136	0.07695	26.677	0
"2014-03-03"	01:00:00"	11.396	50.209	18.148	75.669	0.09454	26.677	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-03	02:00:00"	10.447	39.977	17.289	77.894	0.08437	26.683	0
"2014-03-03	03:00:00"	8.6458	37.008	17.457	79.099	0.10281	26.666	0
"2014-03-03	04:00:00"	7.0029	348.36	17.282	77.872	0.10154	26.68	0
"2014-03-03	05:00:00"	7.0867	8.2266	17.55	73.854	0.10684	26.683	0
"2014-03-03	06:00:00"	8.908	14.444	17.412	72.326	0.08734	26.663	0
"2014-03-03	07:00:00"	10.284	48.859	17.974	70.705	0.11871	26.627	0
"2014-03-03	08:00:00"	6.1006	286.83	18.789	68.106	20.359	26.689	0
"2014-03-03	09:00:00"	3.2299	1.0807	20.232	63.817	123.6	26.71	0
"2014-03-03	10:00:00"	3.0087	33.175	22.868	55.562	345.9	26.695	0
"2014-03-03	11:00:00"	2.8906	40.953	26.841	47.016	446.98	26.689	0
"2014-03-03	12:00:00"	2.8204	176.51	29.592	42.617	468.61	26.66	0
"2014-03-03	13:00:00"	3.1218	212.49	32.578	38.885	537.75	26.621	0
"2014-03-03	14:00:00"	3.1597	169.14	35.492	35.779	577.43	26.601	0
"2014-03-03	15:00:00"	3.919	149.05	37.808	34.138	456.69	26.562	0
"2014-03-03	16:00:00"	3.453	176.91	40.016	32.006	392.8	26.553	0
"2014-03-03	17:00:00"	4.0464	149.84	41.143	31.304	269.27	26.542	0
"2014-03-03	18:00:00"	5.5787	175.13	40.81	31.761	83.325	26.547	0
"2014-03-03	19:00:00"	3.9482	181.95	39.927	32.216	21.89	26.55	0
"2014-03-03	20:00:00"	5.4817	183.59	38.963	33.604	0.12019	26.547	0
"2014-03-03	21:00:00"	7.8324	186.53	37.104	34.796	0.10578	26.547	0
"2014-03-03	22:00:00"	4.9355	188.84	35.524	36.813	0.09518	26.553	0
"2014-03-03	23:00:00"	5.4861	190.43	34.504	38.414	0.09518	26.524	0
"2014-03-04	00:00:00"	5.6831	199.33	33.506	40.564	0.07017	26.515	0
"2014-03-04	01:00:00"	4.4515	206.91	32.878	42.356	0.09454	26.5	0
"2014-03-04	02:00:00"	2.3053	282.18	31.636	44.179	0.09857	26.494	0
"2014-03-04	03:00:00"	2.2028	294.14	30.304	45.822	0.11065	26.474	0
"2014-03-04	04:00:00"	3.059	232.49	28.849	48.585	0.08818	26.456	0
"2014-03-04	05:00:00"	5.9179	254.89	30.515	45.427	0.09242	26.459	0
"2014-03-04	06:00:00"	2.0226	294.34	27.275	51.481	0.09942	26.45	0
"2014-03-04	07:00:00"	4.3521	242.37	27.003	52.483	0.10684	26.447	0
"2014-03-04	08:00:00"	4.5627	259.41	30.018	46.78	34.226	26.459	0
"2014-03-04	09:00:00"	5.688	261.02	31.956	44.555	189.82	26.474	0
"2014-03-04	10:00:00"	8.373	251.5	37.112	37.663	412.49	26.48	0
"2014-03-04	11:00:00"	7.0091	220.36	42.878	32.256	621.06	26.456	0
"2014-03-04	12:00:00"	8.8353	228.07	49.133	27.824	780.46	26.447	0
"2014-03-04	13:00:00"	9.5529	225.18	52.943	25.6	873.4	26.406	0
"2014-03-04	14:00:00"	9.0639	236.78	57.556	23.098	864.86	26.376	0
"2014-03-04	15:00:00"	9.3957	221.5	60.598	21.962	712.76	26.347	0
"2014-03-04	16:00:00"	9.9513	222.22	62.25	21.448	425.55	26.326	0
"2014-03-04	17:00:00"	10.875	220.08	62.32	22.095	310.52	26.317	0
"2014-03-04	18:00:00"	9.131	218.17	61.842	22.979	153.2	26.317	0
"2014-03-04	19:00:00"	6.9966	203.03	59.62	25.22	27.418	26.305	0
"2014-03-04	20:00:00"	7.0078	191.64	56.506	27.664	0.07652	26.305	0
"2014-03-04	21:00:00"	9.4722	201.85	54.296	30.666	0.09264	26.323	0
"2014-03-04	22:00:00"	5.9533	233	52.312	33.17	0.0761	26.332	0
"2014-03-04	23:00:00"	6.0664	224.29	51.163	35.334	0.1026	26.323	0
"2014-03-05	00:00:00"	4.7162	210.86	48.958	38.697	0.09497	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-05	01:00:00"	7.8751	221.84	49.154	37.58	0.09407	26.291	0
"2014-03-05	02:00:00"	5.9509	248.88	47.95	38.793	0.07568	26.288	0
"2014-03-05	03:00:00"	4.1495	261.87	45.54	42.161	0.09348	26.285	0
"2014-03-05	04:00:00"	6.5337	255.15	45.227	43.05	0.08585	26.282	0
"2014-03-05	05:00:00"	2.2438	282.76	41.892	48.08	0.09052	26.291	0
"2014-03-05	06:00:00"	2.9745	313.42	40.296	51.621	0.07568	26.305	0
"2014-03-05	07:00:00"	2.652	336.21	41.998	50.114	0.09391	26.317	0
"2014-03-05	08:00:00"	4.8274	333.46	42.668	50.253	27.372	26.341	0
"2014-03-05	09:00:00"	10.373	340.27	49.026	45.302	183.54	26.358	0
"2014-03-05	10:00:00"	21.658	19.912	53.251	46.038	406.72	26.391	0
"2014-03-05	11:00:00"	23.296	32.425	53.001	47.348	570.88	26.415	0
"2014-03-05	12:00:00"	21.029	41.929	54.914	43.215	732.6	26.438	0
"2014-03-05	13:00:00"	20.275	39.03	56.518	39.898	828.95	26.447	0
"2014-03-05	14:00:00"	19.103	47.179	58.445	37.506	859.33	26.444	0
"2014-03-05	15:00:00"	17.405	53.627	60.459	36.037	803.09	26.453	0
"2014-03-05	16:00:00"	15.555	43.37	60.219	36.352	522.64	26.483	0
"2014-03-05	17:00:00"	17.779	39.621	59.021	37.585	449.76	26.506	0
"2014-03-05	18:00:00"	17.092	46.408	56.134	41.223	255.77	26.53	0
"2014-03-05	19:00:00"	14.722	56.048	52.932	45.85	50.517	26.559	0
"2014-03-05	20:00:00"	11.62	58.071	49.213	51.626	0.17849	26.592	0
"2014-03-05	21:00:00"	8.1157	62.718	45.88	56.354	0.07674	26.615	0
"2014-03-05	22:00:00"	4.198	62.505	41.252	63.949	0.07144	26.63	0
"2014-03-05	23:00:00"	3.3256	29.91	38.107	69.491	0.09052	26.639	0
"2014-03-06	00:00:00"	4.0874	68.559	35.768	73.92	0.1009	26.63	0
"2014-03-06	01:00:00"	4.6211	47.29	33.426	78.264	0.10111	26.627	0
"2014-03-06	02:00:00"	3.7649	40.082	33.412	80.162	0.1204	26.645	0
"2014-03-06	03:00:00"	4.0594	48.84	31.927	83.466	0.10451	26.63	0
"2014-03-06	04:00:00"	3.5356	19.136	30.985	85.852	0.1115	26.624	0
"2014-03-06	05:00:00"	3.8339	352.82	29.7	87.067	0.0884	26.615	0
"2014-03-06	06:00:00"	4.4851	325.66	28.38	86.759	0.10747	26.618	0
"2014-03-06	07:00:00"	3.6642	336.78	27.483	88.707	0.11235	26.618	0
"2014-03-06	08:00:00"	3.0683	336.07	29.055	87.832	44.578	26.604	0
"2014-03-06	09:00:00"	3.4586	314.99	36.828	79.099	200.82	26.618	0
"2014-03-06	10:00:00"	5.7558	272.41	43.976	62.46	430.84	26.621	0
"2014-03-06	11:00:00"	8.1766	262.22	50.464	48.578	626.99	26.607	0
"2014-03-06	12:00:00"	8.4805	254.38	55.374	37.07	772.69	26.589	0
"2014-03-06	13:00:00"	10.081	239.58	59.548	26.59	831.3	26.547	0
"2014-03-06	14:00:00"	13.19	229.57	62.403	21.964	853.44	26.503	0
"2014-03-06	15:00:00"	13.635	227.49	63.906	21.714	768.26	26.465	0
"2014-03-06	16:00:00"	12.816	234.37	65.117	21.511	559.33	26.435	0
"2014-03-06	17:00:00"	13.746	226.66	65.618	21.54	311.64	26.418	0
"2014-03-06	18:00:00"	14.031	223.1	65.794	21.399	204.04	26.403	0
"2014-03-06	19:00:00"	10.153	217.64	63.437	23.422	41.65	26.4	0
"2014-03-06	20:00:00"	4.994	213.41	58.123	27.69	0.10981	26.394	0
"2014-03-06	21:00:00"	3.2746	204.38	55.826	29.765	0.08628	26.394	0
"2014-03-06	22:00:00"	4.3602	217.29	54.833	30.426	0.08585	26.376	0
"2014-03-06	23:00:00"	5.2121	228.72	54.618	29.165	0.10217	26.367	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-07	00:00:00"	9.0235	224.32	56.641	26.13	0.08967	26.35	0
"2014-03-07	01:00:00"	9.7	229.06	55.344	27.596	0.07335	26.341	0
"2014-03-07	02:00:00"	9.0155	230.66	53.292	29.736	0.07716	26.332	0
"2014-03-07	03:00:00"	8.1984	229.16	52.39	31.173	0.09518	26.311	0
"2014-03-07	04:00:00"	8.6955	228.84	51.606	32.35	0.06974	26.294	0
"2014-03-07	05:00:00"	8.8819	230.16	50.952	33.639	0.08352	26.294	0
"2014-03-07	06:00:00"	5.6818	240.82	49.124	36.327	0.08119	26.294	0
"2014-03-07	07:00:00"	3.1	277.98	46.369	40.541	0.10154	26.299	0
"2014-03-07	08:00:00"	5.4022	258.48	46.731	41.763	28.335	26.305	0
"2014-03-07	09:00:00"	6.6984	257.68	48.162	41.237	190.49	26.311	0
"2014-03-07	10:00:00"	8.5407	257.62	54.121	34.395	402.55	26.317	0
"2014-03-07	11:00:00"	8.112	261.94	61.645	26.181	607.97	26.302	0
"2014-03-07	12:00:00"	9.3324	281.94	70.564	17.894	787.64	26.288	0
"2014-03-07	13:00:00"	11.178	298.12	76.029	14.244	888.07	26.255	0
"2014-03-07	14:00:00"	12.506	300.4	78.364	13.091	902.63	26.226	0
"2014-03-07	15:00:00"	12.813	298.31	79.457	12.709	843.86	26.199	0
"2014-03-07	16:00:00"	13.123	297.01	79.736	12.745	712.8	26.187	0
"2014-03-07	17:00:00"	12.718	298.75	79.36	11.981	531.41	26.178	0
"2014-03-07	18:00:00"	11.384	286.71	78.782	11.385	300.97	26.172	0
"2014-03-07	19:00:00"	9.1745	308.1	75.254	12.525	45.685	26.19	0
"2014-03-07	20:00:00"	5.0281	302.45	69.959	15.044	0.24568	26.205	0
"2014-03-07	21:00:00"	2.3606	290.68	64.117	18.219	0.05914	26.22	0
"2014-03-07	22:00:00"	4.8573	260.36	62.116	19.749	0.07356	26.234	0
"2014-03-07	23:00:00"	7.0439	329.88	58.592	22.061	0.07313	26.261	0
"2014-03-08	00:00:00"	11.63	10.625	58.749	27.022	0.05872	26.261	0
"2014-03-08	01:00:00"	18.879	54.038	57.76	31.431	0.08561	26.288	0
"2014-03-08	02:00:00"	18.865	66.809	52.657	41.129	0.09857	26.305	0
"2014-03-08	03:00:00"	18.347	55.226	48.315	52.239	0.07334	26.353	0
"2014-03-08	04:00:00"	17.175	60.831	44.793	61.494	0.08522	26.385	0
"2014-03-08	05:00:00"	15.391	61.765	41.616	67.296	0.08394	26.412	0
"2014-03-08	06:00:00"	16.918	49.445	39.562	69.477	0.0956	26.459	0
"2014-03-08	07:00:00"	18.61	52.271	38.462	69.673	0.12698	26.483	0
"2014-03-08	08:00:00"	18.639	46.433	38.229	67.758	38.56	26.539	0
"2014-03-08	09:00:00"	22.898	54.054	38.573	63.902	146.28	26.55	0
"2014-03-08	10:00:00"	22.346	54.519	41.426	58.684	418.21	26.58	0
"2014-03-08	11:00:00"	19.518	58.567	43.882	53.961	535.96	26.607	0
"2014-03-08	12:00:00"	18.001	56.379	46.17	49.184	645.38	26.615	0
"2014-03-08	13:00:00"	17.261	50.214	48.312	44.598	662.97	26.612	0
"2014-03-08	14:00:00"	15.097	52.944	50.848	40.379	869.83	26.598	0
"2014-03-08	15:00:00"	15.523	55.576	52.428	38.647	832.59	26.589	0
"2014-03-08	16:00:00"	15.025	61	53.467	37.167	560.93	26.589	0
"2014-03-08	17:00:00"	15.223	63.262	54.45	35.104	488.36	26.604	0
"2014-03-08	18:00:00"	14.805	59.287	54.195	34.693	238.4	26.618	0
"2014-03-08	19:00:00"	13.612	61.863	51.699	37.285	34.864	26.648	0
"2014-03-08	20:00:00"	10.73	56.892	48.834	40.967	0.21961	26.674	0
"2014-03-08	21:00:00"	8.3121	59.418	45.807	45.371	0.07059	26.689	0
"2014-03-08	22:00:00"	8.3139	65.757	43.151	50.03	0.07907	26.698	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-08	23:00:00"	6.9382	76.09	41.553	53.506	0.06974	26.725	0
"2014-03-09	00:00:00"	4.9797	64.254	38.992	58.421	0.09497	26.71	0
"2014-03-09	01:00:00"	3.1019	51.955	36.342	63.275	0.09518	26.713	0
"2014-03-09	02:00:00"	2.2649	17.303	33.922	67.161	0.09497	26.722	0
"2014-03-09	03:00:00"	3.343	8.2724	32.792	68.616	0.09179	26.713	0
"2014-03-09	04:00:00"	4.344	18.654	34.615	65.089	0.07398	26.713	0
"2014-03-09	05:00:00"	5.3506	18.254	35.136	63.112	0.09857	26.716	0
"2014-03-09	06:00:00"	3.814	353.04	34.424	64.132	0.10302	26.739	0
"2014-03-09	07:00:00"	2.9497	359.9	33.289	65.34	0.12019	26.739	0
"2014-03-09	08:00:00"	5.3966	13.208	34.918	61.221	34.608	26.736	0
"2014-03-09	09:00:00"	6.7164	20.552	38.524	53.837	130.78	26.745	0
"2014-03-09	10:00:00"	9.2541	24.457	45.667	41.104	434.67	26.751	0
"2014-03-09	11:00:00"	8.916	33.533	49.432	32.917	638.73	26.736	0
"2014-03-09	12:00:00"	7.3067	55.765	52.442	27.472	825.36	26.722	0
"2014-03-09	13:00:00"	5.3531	63.766	54.807	23.554	719.49	26.698	0
"2014-03-09	14:00:00"	4.1315	115.31	56.442	21.492	854.02	26.66	0
"2014-03-09	15:00:00"	3.8966	27.333	58.348	19.851	848.99	26.633	0
"2014-03-09	16:00:00"	4.2315	176.77	59.777	18.807	722.38	26.612	0
"2014-03-09	17:00:00"	3.6064	259.01	61.312	18.404	537.18	26.601	0
"2014-03-09	18:00:00"	3.31	326.07	61.279	18.535	305.16	26.598	0
"2014-03-09	19:00:00"	2.9372	295.7	59.969	19.248	37.258	26.589	0
"2014-03-09	20:00:00"	0.92025	17.249	54.623	23.124	0.36906	26.592	0
"2014-03-09	21:00:00"	1.2695	180.21	51.094	26.101	0.08649	26.601	0
"2014-03-09	22:00:00"	2.8577	221.45	50.432	26.632	0.07695	26.609	0
"2014-03-09	23:00:00"	2.3718	301.43	48.721	28.524	0.10302	26.607	0
"2014-03-10	01:00:00"	1.6526	278.09	46.243	31.327	0.07356	26.595	0
"2014-03-10	02:00:00"	2.1667	243.36	44.968	32.835	0.09475	26.589	0
"2014-03-10	03:00:00"	4.1731	227.58	45.67	32.5	0.07695	26.58	0
"2014-03-10	04:00:00"	2.7608	276.29	44.118	34.541	0.08288	26.553	0
"2014-03-10	05:00:00"	2.79	274.45	41.113	39.191	0.09921	26.527	0
"2014-03-10	06:00:00"	2.4787	311.96	40.616	42.275	0.08628	26.515	0
"2014-03-10	07:00:00"	4.6193	261.63	43.36	41.233	0.09158	26.509	0
"2014-03-10	08:00:00"	1.6236	304.74	40.609	45.064	0.2052	26.509	0
"2014-03-10	09:00:00"	1.6584	308.5	40.961	46.146	45.803	26.512	0
"2014-03-10	10:00:00"	4.1228	305.47	48.358	37.496	218.31	26.524	0
"2014-03-10	11:00:00"	7.9287	268.89	56.645	28.464	446.4	26.521	0
"2014-03-10	12:00:00"	9.0919	255.32	60.873	23.978	653.76	26.5	0
"2014-03-10	13:00:00"	9.1453	244.85	63.916	20.997	813.31	26.474	0
"2014-03-10	14:00:00"	9.1385	238.42	66.819	18.494	906.83	26.432	0
"2014-03-10	15:00:00"	9.9332	242.9	69.294	17.788	926.99	26.382	0
"2014-03-10	16:00:00"	11.983	237.21	70.857	18.263	865.93	26.356	0
"2014-03-10	17:00:00"	13.064	238.01	71.854	18.592	733.93	26.335	0
"2014-03-10	18:00:00"	11.859	250.82	72.692	18.361	544.68	26.32	0
"2014-03-10	19:00:00"	11.119	258.01	72.712	17.559	308.41	26.311	0
"2014-03-10	20:00:00"	7.8535	258.15	70.974	17.908	36.645	26.305	0
"2014-03-10	21:00:00"	4.3117	216.43	66.588	19.652	0.39937	26.305	0
"2014-03-10	22:00:00"	1.8349	201.75	60.841	24.497	0.06762	26.308	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-10	23:00:00"	3.8718	212.93	56.345	29.926	0.09963	26.299	0
"2014-03-11	00:00:00"	6.3156	225.2	55.276	25.982	0.06338	26.285	0
"2014-03-11	01:00:00"	5.0446	212.58	50.287	28.241	0.08308	26.267	0
"2014-03-11	02:00:00"	6.0217	235.05	49.748	28.897	0.0867	26.249	0
"2014-03-11	03:00:00"	1.5304	302.63	46.099	31.776	0.0814	26.229	0
"2014-03-11	04:00:00"	2.7545	294.24	45.366	32.974	0.06296	26.208	0
"2014-03-11	05:00:00"	3.8326	256.67	44.62	34.394	0.09963	26.178	0
"2014-03-11	06:00:00"	4.6901	254.56	43.841	36.96	0.0797	26.172	0
"2014-03-11	07:00:00"	4.523	295.22	41.879	39.777	0.09327	26.178	0
"2014-03-11	08:00:00"	4.856	328.58	45.172	33.719	0.27367	26.187	0
"2014-03-11	09:00:00"	5.0505	322.5	47.724	30.655	52.873	26.199	0
"2014-03-11	10:00:00"	11.561	327.48	58.467	22.976	233.33	26.22	0
"2014-03-11	11:00:00"	15.209	324.97	65.68	17.78	466.09	26.237	0
"2014-03-11	12:00:00"	16.633	328.65	68.978	15.52	678.59	26.246	0
"2014-03-11	13:00:00"	14.644	340.49	72.368	12.897	838.42	26.24	0
"2014-03-11	14:00:00"	14.225	334.41	75.339	9.9075	928.89	26.22	0
"2014-03-11	15:00:00"	16.464	343.47	77.943	7.8681	937.4	26.205	0
"2014-03-11	16:00:00"	16.543	346.99	78.818	7.3414	872.73	26.202	0
"2014-03-11	17:00:00"	15.136	351.58	79.286	6.9886	731.8	26.193	0
"2014-03-11	18:00:00"	15.672	352.58	79.559	5.7042	554.18	26.199	0
"2014-03-11	19:00:00"	16.387	353.29	78.363	5.3539	309.73	26.214	0
"2014-03-11	20:00:00"	13.714	358.84	75.219	5.8911	37.098	26.243	0
"2014-03-11	21:00:00"	7.3284	11.373	66.825	8.2108	0.44304	26.27	0
"2014-03-11	22:00:00"	10.338	24.914	63.698	9.6825	0.07949	26.326	0
"2014-03-11	23:00:00"	28.055	56.619	58.478	28.798	0.08437	26.403	0
"2014-03-12	00:00:00"	27.278	64.799	51.344	40.286	0.09009	26.441	0
"2014-03-12	01:00:00"	26.914	66.083	45.799	49.244	0.09978	26.494	0
"2014-03-12	02:00:00"	25.399	59.85	42.921	51.348	0.09158	26.547	0
"2014-03-12	03:00:00"	22.678	53.614	41.177	53.911	0.09518	26.598	0
"2014-03-12	04:00:00"	21.541	52.061	39.439	54.644	0.07907	26.609	0
"2014-03-12	05:00:00"	15.688	51.261	37.628	58.048	0.08861	26.648	0
"2014-03-12	06:00:00"	13.246	51.261	36.643	57.686	0.08098	26.666	0
"2014-03-12	07:00:00"	9.0378	30.314	35.135	61.11	0.09136	26.701	0
"2014-03-12	08:00:00"	7.7125	17.029	33.528	66.403	0.29338	26.739	0
"2014-03-12	09:00:00"	7.8454	14.392	33.311	67.413	48.389	26.763	0
"2014-03-12	10:00:00"	13.043	38.571	36.85	58.804	225.25	26.79	0
"2014-03-12	11:00:00"	13.365	57.398	39.672	51.543	451.87	26.807	0
"2014-03-12	12:00:00"	12.744	62.77	42.399	42.309	660.31	26.807	0
"2014-03-12	13:00:00"	10.542	73.724	44.817	35.303	818.03	26.796	0
"2014-03-12	14:00:00"	9.3175	69.371	47.008	30.979	907.23	26.769	0
"2014-03-12	15:00:00"	9.0211	75.973	49.167	26.795	923.58	26.742	0
"2014-03-12	16:00:00"	6.9482	71.954	50.508	23.857	864.81	26.71	0
"2014-03-12	17:00:00"	6.407	61.567	51.858	22.291	735.63	26.692	0
"2014-03-12	18:00:00"	6.7512	63.571	52.908	21.841	547.11	26.674	0
"2014-03-12	19:00:00"	4.5814	70.038	53.252	22.002	316.07	26.672	0
"2014-03-12	20:00:00"	3.6866	70.151	52.255	22.913	53.097	26.677	0
"2014-03-12	21:00:00"	2.2904	80.865	47.822	25.996	0.51193	26.683	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-12	22:00:00"	0.72079	79.881	42.982	30.667	0.07483	26.692	0
"2014-03-12	23:00:00"	0.77423	112	43.094	31.223	0.07292	26.701	0
"2014-03-13	00:00:00"	0.98922	190.72	42.318	32.403	0.10472	26.695	0
"2014-03-13	01:00:00"	0.82332	310.31	39.801	34.486	0.11044	26.686	0
"2014-03-13	02:00:00"	2.3618	325.66	38.939	35.692	0.08606	26.677	0
"2014-03-13	03:00:00"	2.2115	354.69	36.698	39.166	0.08649	26.669	0
"2014-03-13	04:00:00"	2.8689	337.6	36.854	39.186	0.06847	26.651	0
"2014-03-13	05:00:00"	2.4619	326.17	37.556	39.057	0.09772	26.639	0
"2014-03-13	06:00:00"	2.1537	324.62	38.438	37.321	0.10048	26.627	0
"2014-03-13	07:00:00"	2.0263	334.22	36.224	40.312	0.10599	26.627	0
"2014-03-13	08:00:00"	1.5696	359.27	35.381	41.22	0.35613	26.633	0
"2014-03-13	09:00:00"	1.4261	352.88	36.448	40.552	49.955	26.651	0
"2014-03-13	10:00:00"	5.3133	223.94	43.692	33.001	233.35	26.666	0
"2014-03-13	11:00:00"	12.254	218.71	49.069	28.799	461.37	26.657	0
"2014-03-13	12:00:00"	15.738	214.39	51.73	26.508	669.99	26.642	0
"2014-03-13	13:00:00"	15.948	212.27	54.099	23.739	820.51	26.609	0
"2014-03-13	14:00:00"	16.876	211.46	56.365	20.863	909.05	26.565	0
"2014-03-13	15:00:00"	15.354	212.24	59.008	18.967	923.53	26.524	0
"2014-03-13	16:00:00"	14.411	219.99	60.809	19.431	848.92	26.48	0
"2014-03-13	17:00:00"	14.195	213.38	62.136	19.538	728.93	26.456	0
"2014-03-13	18:00:00"	15.069	208.64	63.085	19.123	541.47	26.426	0
"2014-03-13	19:00:00"	16.338	203.23	62.88	19.235	309.13	26.403	0
"2014-03-13	20:00:00"	14.775	200.6	61.196	20.534	50.421	26.385	0
"2014-03-13	21:00:00"	11.234	195.5	57.856	22.708	0.46636	26.394	0
"2014-03-13	22:00:00"	9.3647	190.77	54.215	25.341	0.06656	26.397	0
"2014-03-13	23:00:00"	10.325	197.63	52.189	27.035	0.08903	26.406	0
"2014-03-14	00:00:00"	10.109	204.1	50.533	28.524	0.0655	26.406	0
"2014-03-14	01:00:00"	12.261	212.94	49.201	30.277	0.08815	26.388	0
"2014-03-14	02:00:00"	10.041	219.92	48.173	31.997	0.08861	26.388	0
"2014-03-14	03:00:00"	10.997	222.98	47.194	33.782	0.06826	26.376	0
"2014-03-14	04:00:00"	10.517	228.52	46.378	36.166	0.07843	0	0
"2014-03-14	05:00:00"	6.9506	242.32	45.145	37.146	0.08267	26.35	0
"2014-03-14	06:00:00"	6.9743	246.58	45.085	37.416	0.0831	26.361	0
"2014-03-14	07:00:00"	4.3819	270.01	42.42	41.185	0.09772	0.25986	0
"2014-03-14	08:00:00"	3.6841	280.72	41.95	42.823	0.51045	26.37	0
"2014-03-14	09:00:00"	2.9764	285.44	43.321	41.782	67.919	26.391	0
"2014-03-14	10:00:00"	4.1849	279.09	48.302	35.313	232.66	26.42	0
"2014-03-14	11:00:00"	4.6659	278.95	54.177	29.225	438.72	26.444	0
"2014-03-14	12:00:00"	5.6551	346.56	60.794	24.145	544.61	26.444	0
"2014-03-14	13:00:00"	5.5588	307.05	67.611	19.653	803.55	26.438	0
"2014-03-14	14:00:00"	4.979	337.65	70.414	18.365	817.98	26.42	0
"2014-03-14	15:00:00"	4.5944	260.24	72.177	17.736	737.65	26.394	0
"2014-03-14	16:00:00"	5.1089	268.81	72.643	17.941	534.51	26.373	0
"2014-03-14	17:00:00"	5.9695	230.11	73.103	17.901	530.94	26.358	0
"2014-03-14	18:00:00"	5.9968	260.77	74.46	16.627	507.45	26.353	0
"2014-03-14	19:00:00"	6.3983	268.97	73.647	14.794	195.62	26.353	0
"2014-03-14	20:00:00"	4.1259	304.99	71.337	15.594	38.703	26.358	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-14	21:00:00"	1.7995	229.75	68.121	17.746	0.21092	26.364	0
"2014-03-14	22:00:00"	1.6162	199.29	63.986	22.288	0.06317	26.37	0
"2014-03-14	23:00:00"	2.4482	193.01	61.793	25.457	0.08543	26.37	0
"2014-03-15	00:00:00"	2.8999	198.29	60.675	27.699	0.07356	26.358	0
"2014-03-15	01:00:00"	5.4672	225.25	59.516	29.469	0.07568	26.364	0
"2014-03-15	02:00:00"	7.7864	252.33	59.081	32.697	0.08946	26.376	0
"2014-03-15	03:00:00"	5.6619	234.54	60.25	32.469	0.0655	26.364	0
"2014-03-15	04:00:00"	6.8401	205.28	58.358	35.8	0.05935	26.347	0
"2014-03-15	05:00:00"	4.9747	259.22	58.215	35.433	0.07059	26.353	0
"2014-03-15	06:00:00"	5.496	308.6	57.368	31.788	0.0744	26.335	0
"2014-03-15	07:00:00"	8.4842	338.17	53.75	32.713	0.07568	26.338	0
"2014-03-15	08:00:00"	6.6257	340.31	51.353	39.892	0.26497	26.314	0
"2014-03-15	09:00:00"	3.0329	286.51	51.127	39.982	29.208	26.317	0
"2014-03-15	10:00:00"	8.0399	318.52	55.213	37.186	236.31	26.326	0
"2014-03-15	11:00:00"	15.757	305.76	61.679	34.507	466.83	26.323	0
"2014-03-15	12:00:00"	16.699	312.5	62.813	32.126	668.85	26.314	0
"2014-03-15	13:00:00"	16.023	314.58	63.91	30.391	829.75	26.291	0
"2014-03-15	14:00:00"	15.501	329.29	65.539	28.007	908.35	26.267	0
"2014-03-15	15:00:00"	16.074	332.73	68.21	23.108	906.13	26.226	0
"2014-03-15	16:00:00"	17.835	334.59	69.09	18.717	635.2	26.199	0
"2014-03-15	17:00:00"	15.609	316.28	70.764	16.138	664.83	26.184	0
"2014-03-15	18:00:00"	17.139	329.73	71.543	12.054	415.34	26.181	0
"2014-03-15	19:00:00"	16.052	321.87	70.257	12.204	205.58	26.196	0
"2014-03-15	20:00:00"	14.356	325.24	67.844	13.593	39.584	26.223	0
"2014-03-15	21:00:00"	16.126	352.56	64.547	19.407	0.34256	26.258	0
"2014-03-15	22:00:00"	17.649	21.82	58.644	37.217	0.0778	26.317	0
"2014-03-15	23:00:00"	18.314	22.362	54.058	51.323	0.07504	26.364	0
"2014-03-16	00:00:00"	23.226	42.89	51.101	57.98	0.09497	26.382	0
"2014-03-16	01:00:00"	24.363	57.65	50.929	54.657	0.07737	26.409	0
"2014-03-16	02:00:00"	24.082	62.727	51.148	47.556	0.08373	26.444	0
"2014-03-16	03:00:00"	24.338	58.833	49.929	45.683	0.09348	26.456	0
"2014-03-16	04:00:00"	23.954	49.169	47.279	48.059	0.08331	26.491	0
"2014-03-16	05:00:00"	24.216	44.791	44.112	55.182	0.08182	26.512	0
"2014-03-16	06:00:00"	21.1	43.819	42.409	59.892	0.08416	26.533	0
"2014-03-16	07:00:00"	20.58	41.236	41.293	62.467	0.08204	26.553	0
"2014-03-16	08:00:00"	19.501	37.006	40.695	63.332	0.42396	26.574	0
"2014-03-16	09:00:00"	19.843	28.61	39.53	65.657	57.495	26.601	0
"2014-03-16	10:00:00"	19.715	32.088	41.895	58.817	248.12	26.633	0
"2014-03-16	11:00:00"	20.912	38.993	45.317	49.226	474.93	26.648	0
"2014-03-16	12:00:00"	22.898	50.53	48.446	40.549	678.9	26.651	0
"2014-03-16	13:00:00"	22.538	46.402	51.05	34.42	834.12	26.654	0
"2014-03-16	14:00:00"	21.574	46.484	53.136	28.952	911.59	26.618	0
"2014-03-16	15:00:00"	21.153	48.572	55.182	22.873	933.96	26.583	0
"2014-03-16	16:00:00"	19.487	32.905	55.697	24.093	863	26.562	0
"2014-03-16	17:00:00"	19.056	27.709	56.769	23.375	739.03	26.545	0
"2014-03-16	18:00:00"	18.273	27.495	57.027	21.533	449.44	26.536	0
"2014-03-16	19:00:00"	16.399	34.288	57.065	20.264	324.96	26.542	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-16	20:00:00"	11.613	51.982	55.027	21.21	45.146	26.545	0
"2014-03-16	21:00:00"	3.7636	85.495	49.824	25.354	0.80701	26.553	0
"2014-03-16	22:00:00"	3.4188	85.961	44.53	31.039	0.08797	26.559	0
"2014-03-16	23:00:00"	3.5748	73.107	39.883	37.245	0.0973	26.562	0
"2014-03-17	00:00:00"	3.2392	95.297	39.018	39.466	0.09899	26.55	0
"2014-03-17	01:00:00"	2.4345	87.732	37.185	40.509	0.08288	26.542	0
"2014-03-17	02:00:00"	2.5483	74.93	35.915	39.088	0.09412	26.518	0
"2014-03-17	03:00:00"	1.4733	338.31	35.391	38.461	0.08352	26.497	0
"2014-03-17	04:00:00"	1.1881	325.73	33.912	40.397	0.09285	26.474	0
"2014-03-17	05:00:00"	4.7672	272.69	36.61	37.031	0.09687	26.459	0
"2014-03-17	06:00:00"	4.5621	267.63	36.725	36.202	0.08331	26.438	0
"2014-03-17	07:00:00"	4.4136	263.7	36.624	35.233	0.08288	26.423	0
"2014-03-17	08:00:00"	5.0549	256.08	36.363	35.134	0.7432	26.409	0
"2014-03-17	09:00:00"	5.6849	261.18	35.223	37.188	68.085	26.403	0
"2014-03-17	10:00:00"	9.1391	231.25	41.67	30.068	259.05	26.394	0
"2014-03-17	11:00:00"	11	243.12	48.665	24.193	491.48	26.379	0
"2014-03-17	12:00:00"	11.953	251.41	53.828	20.574	687.48	26.356	0
"2014-03-17	13:00:00"	11.067	242.52	59.69	16.59	815.28	26.32	0
"2014-03-17	14:00:00"	12.294	247.14	65.217	13.821	924.37	26.279	0
"2014-03-17	15:00:00"	14.16	245.6	69.9	11.675	962.05	26.223	0
"2014-03-17	16:00:00"	16.249	248.9	73.043	11.134	900.12	26.178	0
"2014-03-17	17:00:00"	18.11	249.64	75.327	10.12	755.05	26.134	0
"2014-03-17	18:00:00"	19.512	257.95	75.827	9.6969	565.19	26.11	0
"2014-03-17	19:00:00"	19.561	256.63	75.719	9.2614	310.72	26.078	0
"2014-03-17	20:00:00"	17.912	259.64	74.067	8.88	49.36	26.072	0
"2014-03-17	21:00:00"	15.086	254.69	70.494	9.835	1.0092	26.066	0
"2014-03-17	22:00:00"	13.193	254.66	66.921	11.006	0.08098	26.069	0
"2014-03-17	23:00:00"	7.0395	224.54	63.071	12.22	0.0725	26.051	0
"2014-03-18	00:00:00"	8.3984	223.67	60.029	13.309	0.07398	26.037	0
"2014-03-18	01:00:00"	4.7855	208.42	56.128	15.818	0.07716	26.034	0
"2014-03-18	02:00:00"	4.0277	213.94	53.785	17.291	0.08861	26.051	0
"2014-03-18	03:00:00"	7.879	220.17	56.705	15.804	0.08034	26.045	0
"2014-03-18	04:00:00"	8.5221	213.94	55.654	16.779	0.085	26.04	0
"2014-03-18	05:00:00"	8.0231	234.22	54.155	18.32	0.092	26.043	0
"2014-03-18	06:00:00"	6.3175	254.67	51.395	20.583	0.08522	26.054	0
"2014-03-18	07:00:00"	4.7858	249.47	50.169	21.355	0.06656	26.075	0
"2014-03-18	08:00:00"	4.6907	264.38	51.697	19.124	0.88968	26.099	0
"2014-03-18	09:00:00"	2.0686	274.3	50.188	20.329	72.105	26.125	0
"2014-03-18	10:00:00"	8.5041	284.73	59.96	15.159	237.63	26.149	0
"2014-03-18	11:00:00"	15.733	288.93	68.694	10.875	486.01	26.169	0
"2014-03-18	12:00:00"	17.946	302.14	71.7	10.119	673.28	26.169	0
"2014-03-18	13:00:00"	18.973	307.62	72.783	9.8039	764.68	26.178	0
"2014-03-18	14:00:00"	17.148	304.18	73.412	9.6181	879.95	26.172	0
"2014-03-18	15:00:00"	16.069	322.72	75.82	8.3603	937.33	26.161	0
"2014-03-18	16:00:00"	17.465	350.99	75.338	7.7753	861.44	26.169	0
"2014-03-18	17:00:00"	17.174	5.3189	74.646	7.0278	732.61	26.19	0
"2014-03-18	18:00:00"	17.229	357.49	73.252	6.0569	519.95	26.217	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-18	19:00:00"	15.208	18.285	70.818	4.8961	263.18	26.249	0
"2014-03-18	20:00:00"	14.498	22.528	67.158	4.3703	55.538	26.27	0
"2014-03-18	21:00:00"	10.474	35.83	61.343	5.1669	0.56429	26.291	0
"2014-03-18	22:00:00"	7.6721	67.421	56.09	7.8828	0.07695	26.329	0
"2014-03-18	23:00:00"	11.201	66.753	53.935	9.9325	0.07165	26.376	0
"2014-03-19	00:00:00"	19.447	76.46	50.9	22.121	0.08394	26.406	0
"2014-03-19	01:00:00"	20.796	72.141	46.698	28.824	0.0761	26.45	0
"2014-03-19	02:00:00"	20.03	72.258	43.185	34.963	0.08606	26.474	0
"2014-03-19	03:00:00"	14.19	69.553	40.716	39.616	0.07589	26.515	0
"2014-03-19	04:00:00"	11.546	68.287	38.512	42.54	0.07165	26.547	0
"2014-03-19	05:00:00"	11.385	59.23	36.856	45.226	0.08606	26.565	0
"2014-03-19	06:00:00"	5.2649	55.572	34.755	48.455	0.09603	26.598	0
"2014-03-19	07:00:00"	3.7189	358.38	30.91	54.273	0.09073	26.615	0
"2014-03-19	08:00:00"	4.4639	348.66	28.391	58.712	0.57171	26.63	0
"2014-03-19	09:00:00"	6.5084	330.58	35.283	46.333	149.45	26.645	0
"2014-03-19	10:00:00"	9.113	350.86	37.735	47.021	258.4	26.648	0
"2014-03-19	11:00:00"	10.051	12.806	41.655	41.994	469.76	26.657	0
"2014-03-19	12:00:00"	8.1741	43.156	44.802	32.923	650.62	26.663	0
"2014-03-19	13:00:00"	5.1655	23.521	47.392	27.83	772.57	26.657	0
"2014-03-19	14:00:00"	4.139	68.001	50.301	23.781	927.9	26.633	0
"2014-03-19	15:00:00"	3.9414	41.332	53.295	20.474	927.5	26.604	0
"2014-03-19	16:00:00"	4.4577	32.738	55.64	18.869	566.71	26.58	0
"2014-03-19	17:00:00"	3.361	193.95	58.167	17.067	533.3	26.565	0
"2014-03-19	18:00:00"	3.2839	64.193	59.025	16.765	123.99	26.562	0
"2014-03-19	19:00:00"	3.9327	114.31	59.023	16.531	261.22	26.565	0
"2014-03-19	20:00:00"	4.8287	129.47	57.739	17.46	82.183	26.571	0
"2014-03-19	21:00:00"	3.5325	112.41	52.444	20.394	0.80128	26.58	0
"2014-03-19	22:00:00"	4.2781	102.6	48.707	22.755	0.08373	26.601	0
"2014-03-19	23:00:00"	5.8359	124.78	47.901	24.16	0.08946	26.609	0
"2014-03-20	00:00:00"	7.4322	145.11	48.213	25.269	0.06635	26.604	0
"2014-03-20	01:00:00"	7.3837	156.32	47.299	27.052	0.08076	26.595	0
"2014-03-20	02:00:00"	4.7199	184.59	44.653	29.48	0.08967	26.586	0
"2014-03-20	03:00:00"	1.3652	187.99	43.158	31.39	0.08479	26.589	0
"2014-03-20	04:00:00"	0.70215	267.6	41.892	33.342	0.10239	26.574	0
"2014-03-20	05:00:00"	1.7697	194.67	42.687	32.72	0.09475	26.568	0
"2014-03-20	06:00:00"	1.8436	186.61	42.717	32.651	0.06953	26.571	0
"2014-03-20	07:00:00"	1.1259	252.44	40.965	35.156	0.09073	26.568	0
"2014-03-20	08:00:00"	1.4782	227.5	41.291	35.109	1.1532	26.571	0
"2014-03-20	09:00:00"	2.1263	202.23	42.135	34.4	76.137	26.574	0
"2014-03-20	10:00:00"	4.1588	194.67	47.081	30.488	279.82	26.574	0
"2014-03-20	11:00:00"	9.7164	181.81	54.254	24.838	509.36	26.58	0
"2014-03-20	12:00:00"	11.499	181.58	59.234	21.317	710.47	26.568	0
"2014-03-20	13:00:00"	10.113	197.03	64.209	17.5	858.53	26.545	0
"2014-03-20	14:00:00"	11.087	194.7	67.751	14.941	928.85	26.515	0
"2014-03-20	15:00:00"	11.803	195.22	70.484	12.499	948.99	26.48	0
"2014-03-20	16:00:00"	11.559	205.58	72.749	10.957	778.98	26.459	0
"2014-03-20	17:00:00"	12.475	231.54	73.854	9.9678	754.98	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-20	18:00:00"	12.025	233.71	74.739	9.0125	521.09	26.4	0
"2014-03-20	19:00:00"	12.609	223.48	74.637	9.2336	273.76	26.388	0
"2014-03-20	20:00:00"	10.053	219.37	72.143	9.8995	49.239	26.379	0
"2014-03-20	21:00:00"	3.8146	208.73	66.101	12.311	0.4742	26.373	0
"2014-03-20	22:00:00"	10.914	198.33	65.184	13.581	0.08797	26.382	0
"2014-03-20	23:00:00"	12.219	196.75	63.147	16.759	0.07546	26.376	0
"2014-03-21	00:00:00"	12.466	195.75	61.666	20.761	0.08204	26.367	0
"2014-03-21	01:00:00"	12.241	205.7	60.815	25.005	0.07101	26.361	0
"2014-03-21	02:00:00"	11.656	221.31	59.66	29.406	0.07101	26.35	0
"2014-03-21	03:00:00"	12.968	222.58	58.97	34.727	0.07017	26.341	0
"2014-03-21	04:00:00"	9.108	221.97	56.616	41.743	0.07017	26.326	0
"2014-03-21	05:00:00"	7.6317	222.74	54.698	47.809	0.07313	26.308	0
"2014-03-21	06:00:00"	6.4275	240.16	53.557	52.017	0.07334	26.305	0
"2014-03-21	07:00:00"	4.4776	262.74	52.396	55.734	0.08606	26.317	0
"2014-03-21	08:00:00"	4.5298	256.96	52.185	58.239	0.43943	26.317	0
"2014-03-21	09:00:00"	4.2614	271.06	51.888	60.729	42.285	26.332	0
"2014-03-21	10:00:00"	5.4985	264.41	54.393	61.026	211.64	26.341	0
"2014-03-21	11:00:00"	9.1118	258.95	60.393	50.462	472.18	26.358	0
"2014-03-21	12:00:00"	7.6963	263.71	67.469	32.136	661.97	26.361	0
"2014-03-21	13:00:00"	7.3104	312.49	74.241	15.105	878.36	26.353	0
"2014-03-21	14:00:00"	7.5372	325.72	77.318	9.6411	859.34	26.344	0
"2014-03-21	15:00:00"	8.2394	294.16	79.782	8.2494	993.07	26.32	0
"2014-03-21	16:00:00"	9.4511	313.81	79.852	7.5767	749.02	26.305	0
"2014-03-21	17:00:00"	8.8017	302.08	81.075	7.33	798.8	26.288	0
"2014-03-21	18:00:00"	7.4627	324.01	80.128	7.1147	397.59	26.285	0
"2014-03-21	19:00:00"	5.4755	325.14	79.241	7.2542	217.55	26.288	0
"2014-03-21	20:00:00"	3.7152	296.61	76.876	7.69	49.42	26.299	0
"2014-03-21	21:00:00"	1.0601	11.772	69.588	9.6006	0.39725	26.314	0
"2014-03-21	22:00:00"	1.7336	20.234	66.953	10.85	0.0672	26.347	0
"2014-03-21	23:00:00"	14.958	104.3	65.263	16.288	0.07377	26.382	0
"2014-03-22	00:00:00"	14.268	100.5	61.611	20.696	0.07186	26.391	0
"2014-03-22	01:00:00"	15.39	101.99	58.02	23.876	0.06426	26.406	0
"2014-03-22	02:00:00"	13.297	92.606	54.994	26.642	0.06359	26.406	0
"2014-03-22	03:00:00"	12.756	93.959	52.721	28.699	0.07716	26.412	0
"2014-03-22	04:00:00"	11.805	82.132	49.074	32.64	0.07144	26.418	0
"2014-03-22	05:00:00"	12.205	76.285	47.231	38.881	0.07695	26.426	0
"2014-03-22	06:00:00"	12.542	62.74	45.134	42.678	0.0903	26.438	0
"2014-03-22	07:00:00"	13.46	59.833	44.424	43.065	0.09984	26.453	0
"2014-03-22	08:00:00"	11.599	49.979	42.36	44.482	0.89646	26.488	0
"2014-03-22	09:00:00"	11.126	45.198	41.689	44.514	64.684	26.515	0
"2014-03-22	10:00:00"	13.46	53.361	44.118	39.51	197.32	26.536	0
"2014-03-22	11:00:00"	13.509	76.671	47.167	35.408	423.75	26.542	0
"2014-03-22	12:00:00"	10.818	87.045	50.413	32.711	637.88	26.539	0
"2014-03-22	13:00:00"	7.6373	85.546	52.803	31.23	628.1	26.518	0
"2014-03-22	14:00:00"	4.7261	108.46	54.869	30.017	502.21	26.506	0
"2014-03-22	15:00:00"	3.9588	181.35	57.178	27.82	654.98	26.483	0
"2014-03-22	16:00:00"	3.3523	132.63	59.324	25.709	611.72	26.453	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-22	17:00:00"	3.5139	168.24	62.581	22.554	678.26	26.432	0
"2014-03-22	18:00:00"	4.6653	198.76	65.023	20.449	530.46	26.42	0
"2014-03-22	19:00:00"	6.6275	167.97	66.483	19.719	279.44	26.423	0
"2014-03-22	20:00:00"	5.099	156.08	66.273	19.565	60.726	26.429	0
"2014-03-22	21:00:00"	6.0919	134.13	60.151	24.448	1.2435	26.444	0
"2014-03-22	22:00:00"	9.5691	157.7	57.19	30.04	0.08797	26.471	0
"2014-03-22	23:00:00"	8.5979	153.94	54.607	34.423	0.07568	26.477	0
"2014-03-23	00:00:00"	7.0824	138.44	51.737	40.019	0.08098	26.488	0
"2014-03-23	01:00:00"	7.3057	113.17	48.2	46.226	0.10105	26.509	0
"2014-03-23	02:00:00"	11.781	109.16	45.792	53.944	0.07822	26.524	0
"2014-03-23	03:00:00"	14.644	102.7	43.631	60.59	0.07229	26.553	0
"2014-03-23	04:00:00"	17.871	95.405	41.202	64.951	0.06359	26.583	0
"2014-03-23	05:00:00"	18.748	90.83	39.148	65.757	0.09645	26.601	0
"2014-03-23	06:00:00"	17.131	89.703	37.629	60.382	0.07822	26.633	0
"2014-03-23	07:00:00"	16.498	85.023	36.777	56.652	0.08903	26.674	0
"2014-03-23	08:00:00"	16.515	73.098	34.24	50.781	1.3855	26.728	0
"2014-03-23	09:00:00"	15.264	65.685	31.655	43.768	70.688	26.739	0
"2014-03-23	10:00:00"	14.837	70.052	32.738	40.157	133.51	26.748	0
"2014-03-23	11:00:00"	12.678	74.429	34.855	38.296	167.84	26.766	0
"2014-03-23	12:00:00"	11.59	75.667	37.522	36.823	251.96	26.775	0
"2014-03-23	13:00:00"	9.4933	83.429	40.285	34.471	472.25	26.751	0
"2014-03-23	14:00:00"	8.5811	97.244	43.949	30.549	747.38	26.719	0
"2014-03-23	15:00:00"	7.1377	123.18	47.222	28.153	947.89	26.68	0
"2014-03-23	16:00:00"	6.0391	129.89	50.197	27.067	898.27	26.648	0
"2014-03-23	17:00:00"	4.8995	180.58	52.673	26.435	765.12	26.615	0
"2014-03-23	18:00:00"	5.6271	164.65	54.043	26.783	576.63	26.595	0
"2014-03-23	19:00:00"	5.1481	178.2	54.462	27.698	254.99	26.586	0
"2014-03-23	20:00:00"	6.9078	183.21	53.495	28.988	45.51	26.595	0
"2014-03-23	21:00:00"	6.315	179.42	50.795	31.349	0.77245	26.607	0
"2014-03-23	22:00:00"	6.4716	182.1	48.34	34.422	0.09158	26.609	0
"2014-03-23	23:00:00"	5.8378	178.91	47.471	35.221	0.06232	26.592	0
"2014-03-24	00:00:00"	7.7671	187.87	45.213	35.579	0.0903	26.595	0
"2014-03-24	01:00:00"	6.0907	193.57	42.044	38.321	0.07822	26.583	0
"2014-03-24	02:00:00"	4.8423	225.07	40.845	39.643	0.09687	26.565	0
"2014-03-24	03:00:00"	2.6091	231.29	39.888	41.069	0.10747	26.55	0
"2014-03-24	04:00:00"	4.6771	216.47	40.147	42.676	0.10493	26.542	0
"2014-03-24	05:00:00"	6.2702	225.54	39.57	47.771	0.08903	26.512	0
"2014-03-24	06:00:00"	5.6209	247.09	38.508	53.009	0.08225	26.518	0
"2014-03-24	07:00:00"	4.6429	253.44	37.751	54.881	0.07101	26.518	0
"2014-03-24	08:00:00"	1.5808	275.22	35.672	58.155	1.1409	26.53	0
"2014-03-24	09:00:00"	1.9542	317.43	35.885	62.76	76.901	26.533	0
"2014-03-24	10:00:00"	6.0385	261.69	42.883	56.827	284.49	26.547	0
"2014-03-24	11:00:00"	5.6837	258.43	47.337	51.682	512.44	26.542	0
"2014-03-24	12:00:00"	5.4277	257.01	52.484	41.8	714.05	26.533	0
"2014-03-24	13:00:00"	5.3581	286.84	58.301	34.229	865.39	26.518	0
"2014-03-24	14:00:00"	6.6431	336.58	64.334	24.826	955.47	26.494	0
"2014-03-24	15:00:00"	5.368	316.27	70.995	16.758	970.22	26.465	0

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"2014-03-24	16:00:00"	9.7766	16.371	75.104	9.8514	937.36	26.444	0
"2014-03-24	17:00:00"	11.607	11.816	76.189	8.385	817.75	26.438	0
"2014-03-24	18:00:00"	10.155	350.16	75.713	7.9556	489.55	26.435	0
"2014-03-24	19:00:00"	10.053	10.037	75.549	6.805	251.8	26.453	0
"2014-03-24	20:00:00"	9.0366	87.428	72.265	9.6058	66.023	26.471	0
"2014-03-24	21:00:00"	10.16	108.77	65.652	14.557	1.1621	26.494	0
"2014-03-24	22:00:00"	12.901	112.28	62.141	17.125	0.08416	26.53	0
"2014-03-24	23:00:00"	13.527	114.62	58.057	22.531	0.07123	26.553	0
"2014-03-25	00:00:00"	13.973	111.67	54.835	26.419	0.09094	26.571	0
"2014-03-25	01:00:00"	13.673	105.75	51.425	29.46	0.07399	26.586	0
"2014-03-25	02:00:00"	15.413	99.809	48.339	32.63	0.0778	26.586	0
"2014-03-25	03:00:00"	14.846	97.873	45.464	36.024	0.11934	26.598	0
"2014-03-25	04:00:00"	10.771	92.167	42.365	40.119	0.08479	26.615	0
"2014-03-25	05:00:00"	11.475	86.836	40.312	43.134	0.07398	26.624	0
"2014-03-25	06:00:00"	10.517	86.874	38.181	46.306	0.05999	26.63	0
"2014-03-25	07:00:00"	11.332	87.836	36.667	48.891	0.0778	26.645	0
"2014-03-25	08:00:00"	10.861	85.756	35.427	52.318	1.9803	26.672	0
"2014-03-25	09:00:00"	11.361	84.92	36.313	53.914	81.673	26.683	0
"2014-03-25	10:00:00"	15.514	100.51	39.883	50.575	191.62	26.695	0
"2014-03-25	11:00:00"	16.094	106.77	41.811	47.982	261.04	26.695	0
"2014-03-25	12:00:00"	14.572	115.02	43.466	45.071	267.45	26.695	0
"2014-03-25	13:00:00"	12.703	124.18	45.272	42.408	317.32	26.68	0
"2014-03-25	14:00:00"	12.26	138.63	47.878	40.939	443.78	26.642	0
"2014-03-25	15:00:00"	11.879	143.15	52.625	39.079	869.1	26.601	0
"2014-03-25	16:00:00"	15.321	184.34	58.642	38.344	886.85	26.55	0
"2014-03-25	17:00:00"	15.088	177.72	61.25	35.059	751.06	26.512	0
"2014-03-25	18:00:00"	16.176	183.54	64.002	30.55	561.1	26.483	0
"2014-03-25	19:00:00"	17.756	181.31	64.549	29.071	225.61	26.462	0
"2014-03-25	20:00:00"	16.647	178.44	63.212	32.253	74.98	26.45	0
"2014-03-25	21:00:00"	12.201	182.71	60.311	37.958	0.88332	26.456	0
"2014-03-25	22:00:00"	8.6464	178.01	58.119	39.286	0.07356	26.474	0
"2014-03-25	23:00:00"	10.753	182.3	58.299	36.936	0.08225	26.497	0
"2014-03-26	00:00:00"	16.3	194.68	53.263	68.502	0.07822	26.471	0.05
"2014-03-26	01:00:00"	7.439	174.97	51.429	76.245	0.08967	26.456	0
"2014-03-26	02:00:00"	7.8175	185.92	50.679	74.142	0.0814	26.418	0
"2014-03-26	03:00:00"	7.4844	175.67	49.871	72.911	0.09475	26.391	0
"2014-03-26	04:00:00"	10.32	184.25	49.371	73.514	0.08013	26.364	0
"2014-03-26	05:00:00"	9.5206	214.26	48.579	78.639	0.08691	26.358	0.01
"2014-03-26	06:00:00"	4.1663	273.1	47.761	84.473	0.06889	26.347	0
"2014-03-26	07:00:00"	1.7318	13.163	45.595	87.576	0.07737	26.361	0
"2014-03-26	08:00:00"	3.4461	26.013	47.012	88.321	0.19651	26.385	0
"2014-03-26	09:00:00"	4.82	128.16	48.56	84.798	15.771	26.361	0
"2014-03-26	10:00:00"	11.566	184.43	49.53	81.329	114.43	26.35	0
"2014-03-26	11:00:00"	17.342	197.81	51.314	71.8	489.03	26.344	0
"2014-03-26	12:00:00"	15.042	214.01	54.721	66.54	723.96	26.338	0
"2014-03-26	13:00:00"	14.247	230.94	59.304	57.578	874.59	26.314	0
"2014-03-26	14:00:00"	13.722	251.04	65.184	44.982	972.75	26.288	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-26	15:00:00"	15.196	261.12	70.358	31.441	918.53	26.243	0
"2014-03-26	16:00:00"	15.927	264.81	73.924	23.655	868.56	26.217	0
"2014-03-26	17:00:00"	16.16	268.83	75.643	18.044	750.6	26.193	0
"2014-03-26	18:00:00"	15.626	262.47	75.971	15.696	538.55	26.172	0
"2014-03-26	19:00:00"	17.584	260.38	75.283	14.125	183.73	26.167	0
"2014-03-26	20:00:00"	13.03	265.05	74.145	13.393	91.46	26.172	0
"2014-03-26	21:00:00"	9.6225	257.76	70.166	14.267	1.4192	26.187	0
"2014-03-26	22:00:00"	6.2939	243.73	66.288	14.682	0.06868	26.19	0
"2014-03-26	23:00:00"	14.904	199.88	58.334	59.583	0.07928	26.187	0
"2014-03-27	00:00:00"	13.3	216.78	53.094	81.036	0.06868	26.205	0
"2014-03-27	01:00:00"	14.606	218.63	52.448	84.467	0.0619	26.199	0
"2014-03-27	02:00:00"	18.278	220.95	52.585	83.452	0.08076	26.193	0
"2014-03-27	03:00:00"	16.688	224.86	52.675	84.09	0.08564	26.19	0
"2014-03-27	04:00:00"	11.962	225.9	52.438	86.277	0.06762	26.172	0
"2014-03-27	05:00:00"	10.115	236.02	51.734	87.996	0.09412	26.178	0
"2014-03-27	06:00:00"	9.0391	258.09	51.125	89.153	0.09369	26.199	0
"2014-03-27	07:00:00"	8.4562	262.43	50.052	89.915	0.08288	26.214	0
"2014-03-27	08:00:00"	7.1166	248.35	48.558	90.991	2.0149	26.232	0
"2014-03-27	09:00:00"	3.3312	263.21	47.759	90.319	84.713	26.264	0
"2014-03-27	10:00:00"	8.9788	301.44	59.721	39.263	307.76	26.276	0
"2014-03-27	11:00:00"	20.139	315.53	66.703	22.216	543.99	26.288	0
"2014-03-27	12:00:00"	21.978	312.29	69.013	19.549	751.99	26.288	0
"2014-03-27	13:00:00"	19.424	302.2	71.509	16.553	902.87	26.282	0
"2014-03-27	14:00:00"	19.17	297.13	73.717	14.745	991.66	26.258	0
"2014-03-27	15:00:00"	20.034	296.52	75.626	13.203	1001.5	26.243	0
"2014-03-27	16:00:00"	20.375	300.72	76.65	12.238	929.68	26.232	0
"2014-03-27	17:00:00"	21.103	301.13	76.417	12.303	792	26.223	0
"2014-03-27	18:00:00"	19.952	300.72	75.967	12.56	597.06	26.22	0
"2014-03-27	19:00:00"	18.115	293.45	75.305	12.001	209.76	26.22	0
"2014-03-27	20:00:00"	13.873	303.35	73.636	11.974	102.46	26.226	0
"2014-03-27	21:00:00"	4.8709	278.69	68.479	13.827	1.96	26.237	0
"2014-03-27	22:00:00"	4.0097	262.24	65.611	15.18	0.06741	26.252	0
"2014-03-27	23:00:00"	3.5381	298.52	61.479	17.761	0.0797	26.264	0
"2014-03-28	00:00:00"	7.4801	351.32	58.146	20.763	0.0655	26.246	0
"2014-03-28	01:00:00"	5.7707	239.03	59.07	21.066	0.07059	26.27	0
"2014-03-28	02:00:00"	3.7549	276.77	60.713	20.51	0.08522	26.276	0
"2014-03-28	03:00:00"	1.9623	341.14	58.327	23.326	0.07356	26.273	0
"2014-03-28	04:00:00"	5.1568	311.07	60.856	22.421	0.085	26.285	0
"2014-03-28	05:00:00"	4.9654	294.57	60.784	23.17	0.06169	26.305	0
"2014-03-28	06:00:00"	5.4146	323.4	59.971	24.337	0.07843	26.308	0
"2014-03-28	07:00:00"	4.0259	327.56	55.653	28.07	0.05278	26.326	0
"2014-03-28	08:00:00"	4.0408	339.93	51.677	32.816	2.6637	26.341	0
"2014-03-28	09:00:00"	4.5049	346.19	52.261	33.32	99.125	26.373	0
"2014-03-28	10:00:00"	7.5012	331.88	59.244	25.436	308.92	26.394	0
"2014-03-28	11:00:00"	10.899	336.73	64.922	20.301	547.24	26.403	0
"2014-03-28	12:00:00"	13.235	347.3	67.949	18.081	754.49	26.418	0
"2014-03-28	13:00:00"	13.568	344	70.02	16.514	909.26	26.42	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-28	14:00:00"	15.032	337.55	71.022	16.086	996.55	26.418	0
"2014-03-28	15:00:00"	15.828	334.32	72.304	14.675	1009.7	26.406	0
"2014-03-28	16:00:00"	15.982	337.03	73.194	12.939	944.58	26.403	0
"2014-03-28	17:00:00"	15.526	338.1	73.689	11.998	806.26	26.406	0
"2014-03-28	18:00:00"	14.7	343.81	73.547	11.775	605.65	26.409	0
"2014-03-28	19:00:00"	13.839	343.45	73.11	11.686	203.28	26.42	0
"2014-03-28	20:00:00"	9.9301	347.29	71.464	11.998	108.76	26.438	0
"2014-03-28	21:00:00"	2.7347	350.69	64.586	15.173	2.0927	26.456	0
"2014-03-28	22:00:00"	1.8237	11.259	58.081	19.114	0.0814	26.485	0
"2014-03-28	23:00:00"	1.6044	59.641	56.026	20.696	0.08585	26.506	0
"2014-03-29	00:00:00"	0.97555	145.69	56.977	20.102	0.07716	26.527	0
"2014-03-29	01:00:00"	12.463	103.47	54.687	35.339	0.10527	26.562	0
"2014-03-29	02:00:00"	10.472	110.01	51.771	44.662	0.08564	26.577	0
"2014-03-29	03:00:00"	10.535	107.64	49.424	48.688	0.08288	26.583	0
"2014-03-29	04:00:00"	10.226	98.515	46.273	53.791	0.07419	26.592	0
"2014-03-29	05:00:00"	10.492	96.463	43.266	59.216	0.07229	26.601	0
"2014-03-29	06:00:00"	9.8947	95.942	41.511	62.556	0.0831	26.621	0
"2014-03-29	07:00:00"	9.3703	89.446	40.289	65.816	0.07758	26.648	0
"2014-03-29	08:00:00"	6.9475	79.615	38.283	69.424	4.9925	26.68	0
"2014-03-29	09:00:00"	5.5526	61.104	40.217	66.341	105	26.71	0
"2014-03-29	10:00:00"	7.6168	88.618	47.024	50.924	313.37	26.734	0
"2014-03-29	11:00:00"	8.8937	138.76	52.631	36.933	552.32	26.745	0
"2014-03-29	12:00:00"	10.698	165	56.861	31.197	757.03	26.736	0
"2014-03-29	13:00:00"	12.103	178.07	60.727	28.531	906.77	26.716	0
"2014-03-29	14:00:00"	13.017	193.16	63.589	25.225	991.84	26.689	0
"2014-03-29	15:00:00"	11.7	187.53	65.654	23.711	986.55	26.651	0
"2014-03-29	16:00:00"	11.886	196.49	67.678	21.621	922.5	26.609	0
"2014-03-29	17:00:00"	13.113	194.59	69.863	19.327	802.85	26.574	0
"2014-03-29	18:00:00"	14.086	199.95	70.696	18.013	579.99	26.559	0
"2014-03-29	19:00:00"	14.475	206.68	70.579	17.974	211.16	26.55	0
"2014-03-29	20:00:00"	12.911	200.78	69.317	19.121	88.684	26.55	0
"2014-03-29	21:00:00"	7.1122	202.47	65.199	22.177	2.0952	26.547	0
"2014-03-29	22:00:00"	8.2586	191.63	62.438	24.586	0.07356	26.553	0
"2014-03-29	23:00:00"	8.9626	186.12	60.67	26.964	0.05914	26.559	0
"2014-03-30	00:00:00"	10.492	181.76	60.395	28.085	0.08797	26.553	0
"2014-03-30	01:00:00"	7.9703	182.73	58.439	30.426	0.07907	26.55	0
"2014-03-30	02:00:00"	5.4488	169.71	56.453	32.948	0.06805	26.542	0
"2014-03-30	03:00:00"	4.2061	144.29	53.57	36.656	0.07589	26.53	0
"2014-03-30	04:00:00"	3.2659	140.76	50.396	40.041	0.08055	26.506	0
"2014-03-30	05:00:00"	6.3119	183.52	52.163	41.242	0.08946	26.491	0
"2014-03-30	06:00:00"	8.7545	202.77	52.245	44.438	0.09815	26.485	0
"2014-03-30	07:00:00"	11.663	208.16	53.436	43.597	0.08098	26.483	0
"2014-03-30	08:00:00"	11.196	211.26	52.536	46.195	4.9849	26.483	0
"2014-03-30	09:00:00"	11.065	213.24	53.526	47.309	107.23	26.485	0
"2014-03-30	10:00:00"	16.245	214.92	58.21	42.123	319.92	26.485	0
"2014-03-30	11:00:00"	18.011	211.33	62.457	37.586	554.07	26.477	0
"2014-03-30	12:00:00"	19.53	214.73	66.539	32.999	775.51	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-03-30"	13:00:00"	18.467	219.36	70.09	29.137	767.85	26.429	0
"2014-03-30"	14:00:00"	18.242	217.88	74.006	25.386	982.72	26.397	0
"2014-03-30"	15:00:00"	17.955	221.77	77.161	22.588	1003.3	26.353	0
"2014-03-30"	16:00:00"	19.311	217.02	79.094	21.287	908.47	26.32	0
"2014-03-30"	17:00:00"	18.992	217.89	79.768	21.076	607.39	26.294	0
"2014-03-30"	18:00:00"	20.186	201.59	80.299	20.897	534.61	26.255	0
"2014-03-30"	19:00:00"	21.947	197.4	78.658	22.727	187.4	26.249	0
"2014-03-30"	20:00:00"	21.219	194.91	76.552	25.347	67.518	26.255	0
"2014-03-30"	21:00:00"	18.112	201.64	73.665	28.824	1.6568	26.267	0
"2014-03-30"	22:00:00"	16.442	207.58	70.785	32.189	0.06529	26.282	0
"2014-03-30"	23:00:00"	18.308	206.17	68.498	34.982	0.08882	26.288	0
"2014-03-31"	00:00:00"	14.604	212.75	66.45	37.588	0.0655	26.291	0
"2014-03-31"	01:00:00"	13.988	219.18	65.258	40.542	0.07166	26.291	0
"2014-03-31"	02:00:00"	11.886	220.16	63.797	43.896	0.08818	26.288	0
"2014-03-31"	03:00:00"	9.5877	233.53	62.576	47.418	0.09242	26.291	0
"2014-03-31"	04:00:00"	8.8931	229.12	62.011	50.904	0.08606	26.285	0
"2014-03-31"	05:00:00"	6.6145	242.54	61.204	54.811	0.0672	26.288	0
"2014-03-31"	06:00:00"	5.4146	230.76	58.976	59.41	0.07462	26.294	0
"2014-03-31"	07:00:00"	4.7827	249.56	57.743	62.143	0.0814	26.305	0
"2014-03-31"	08:00:00"	4.6435	222.44	54.813	67.478	4.0437	26.323	0
"2014-03-31"	09:00:00"	5.7663	247.9	55.842	64.627	114.77	26.356	0
"2014-03-31"	10:00:00"	6.2988	296.6	61.896	44.452	336.8	26.376	0
"2014-03-31"	11:00:00"	6.3256	355.85	69.931	22.917	579.15	26.391	0
"2014-03-31"	12:00:00"	16.302	335.23	75.315	11.308	796.07	26.388	0
"2014-03-31"	13:00:00"	16.108	332.05	76.526	9.1	952.3	26.397	0
"2014-03-31"	14:00:00"	12.379	323.62	78.062	9.2545	1032.8	26.373	0
"2014-03-31"	15:00:00"	13.212	294.56	80.452	8.2147	1038.6	26.361	0
"2014-03-31"	16:00:00"	13.542	296.4	81.258	7.8822	963.51	26.329	0
"2014-03-31"	17:00:00"	12.512	260.97	81.982	8.1578	819.8	26.314	0
"2014-03-31"	18:00:00"	10.69	283.41	82.607	6.7592	620.62	26.305	0
"2014-03-31"	19:00:00"	12.012	307.05	81.697	5.3436	204.3	26.311	0
"2014-03-31"	20:00:00"	11.008	313.29	78.836	5.7283	141.44	26.323	0
"2014-03-31"	21:00:00"	4.403	327.53	72.014	7.1342	4.2436	26.341	0
"2014-03-31"	22:00:00"	5.1282	301.27	67.489	9.2067	0.06932	26.364	0
"2014-03-31"	23:00:00"	3.4573	272.17	65.087	9.8692	0.0655	26.379	0
"2014-04-01"	00:00:00"	2.1344	14.41	61.006	11.839	0.07398	26.367	0
"2014-04-01"	01:00:00"	0.97618	32.954	55.834	14.316	0.07483	26.353	0
"2014-04-01"	02:00:00"	1.9822	320.37	55.845	14.392	0.06953	26.358	0
"2014-04-01"	03:00:00"	1.9331	300.21	59.456	12.658	0.08522	26.356	0
"2014-04-01"	04:00:00"	1.4671	349.55	56.362	14.315	0.06762	26.35	0
"2014-04-01"	05:00:00"	3.448	289.66	53.805	16.499	0.10345	26.361	0
"2014-04-01"	06:00:00"	3.7264	243.43	54.524	16.173	0.08585	26.364	0
"2014-04-01"	07:00:00"	3.7643	228.94	56.449	15.189	0.07928	26.37	0
"2014-04-01"	08:00:00"	4.2098	248.6	57.656	15.914	5.4506	26.376	0
"2014-04-01"	09:00:00"	3.3181	283.43	58.595	16.046	96.693	26.385	0
"2014-04-01"	10:00:00"	5.5377	268.82	61.696	24.75	311.03	26.4	0
"2014-04-01"	11:00:00"	8.7793	236.29	68.163	21.128	473.36	26.4	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-01	12:00:00"	8.7769	263.86	74.769	11.642	602.69	26.388	0
"2014-04-01	13:00:00"	8.8433	291.1	77.947	9.2172	625.5	26.364	0
"2014-04-01	14:00:00"	11.564	290.54	80.236	8.4328	798.49	26.338	0
"2014-04-01	15:00:00"	14.621	275.44	80.719	8.6222	746.73	26.32	0
"2014-04-01	16:00:00"	15.07	273.72	80.515	8.3961	634.75	26.294	0
"2014-04-01	17:00:00"	12.705	269.35	82.372	7.77	757.61	26.267	0
"2014-04-01	18:00:00"	12.771	281.2	83.6	6.9578	577.46	26.258	0
"2014-04-01	19:00:00"	13.182	286.26	82.546	6.6536	188.52	26.252	0
"2014-04-01	20:00:00"	10.54	296.02	79.736	7.3703	63.705	26.258	0
"2014-04-01	21:00:00"	6.7195	299.43	76.106	8.0953	3.9956	26.258	0
"2014-04-01	22:00:00"	4.92	310.77	73.234	8.9839	0.07992	26.264	0
"2014-04-01	23:00:00"	3.9718	240.98	71.672	9.6636	0.07144	26.264	0
"2014-04-02	00:00:00"	4.9256	199.56	68.166	11.128	0.04833	26.273	0
"2014-04-02	01:00:00"	10.305	196.59	67.117	21.963	0.07568	26.273	0
"2014-04-02	02:00:00"	7.1837	222.86	65.15	50.183	0.06699	26.279	0
"2014-04-02	03:00:00"	5.7781	221.01	62.33	65.17	0.09454	26.27	0
"2014-04-02	04:00:00"	3.7786	268.59	60.588	71.651	0.09475	26.264	0
"2014-04-02	05:00:00"	4.6056	227.68	60.146	74.215	0.08373	26.249	0
"2014-04-02	06:00:00"	3.548	213.53	57.154	83.907	0.07059	26.243	0
"2014-04-02	07:00:00"	4.5764	210.93	56.025	87.823	0.06911	26.252	0
"2014-04-02	08:00:00"	2.0369	211.06	53.824	90.548	3.2787	26.258	0
"2014-04-02	09:00:00"	2.6147	192.5	52.305	91.284	108.31	26.276	0
"2014-04-02	10:00:00"	7.4005	214.76	59.318	82.882	280.35	26.282	0
"2014-04-02	11:00:00"	6.5331	267.51	67.89	44.822	554.61	26.288	0
"2014-04-02	12:00:00"	9.2895	278.36	75.162	17.48	794.01	26.276	0
"2014-04-02	13:00:00"	14.759	272.22	78.509	12.021	968.05	26.246	0
"2014-04-02	14:00:00"	16.517	272.39	79.9	10.938	885.95	26.234	0
"2014-04-02	15:00:00"	16.732	268	80.079	10.092	811.53	26.214	0
"2014-04-02	16:00:00"	15.92	281.29	82.424	8.2808	935.04	26.181	0
"2014-04-02	17:00:00"	15.96	276.06	82.753	7.5586	669.98	26.158	0
"2014-04-02	18:00:00"	15.509	277.21	83.525	6.9739	541.53	26.149	0
"2014-04-02	19:00:00"	17.268	296.06	81.181	7.2067	190.04	26.158	0
"2014-04-02	20:00:00"	9.9463	279.59	78.103	8.0297	53.528	26.152	0
"2014-04-02	21:00:00"	6.978	244.51	75.553	8.8864	2.1365	26.143	0
"2014-04-02	22:00:00"	6.9649	239.88	73.445	9.2042	0.07843	26.158	0
"2014-04-02	23:00:00"	1.9312	258.5	65.272	12.722	0.06614	26.169	0
"2014-04-03	00:00:00"	3.484	260.26	64.82	12.453	0.08055	26.178	0
"2014-04-03	01:00:00"	1.7319	267.41	62.423	12.776	0.08857	26.181	0
"2014-04-03	02:00:00"	5.8527	283.46	62.497	12.696	0.06232	26.184	0
"2014-04-03	03:00:00"	5.6458	276.01	60.418	13.553	0.06084	26.19	0
"2014-04-03	04:00:00"	4.93	245.78	60.135	12.888	0.06868	26.19	0
"2014-04-03	05:00:00"	3.3989	232.79	56.96	14.777	0.06444	26.193	0
"2014-04-03	06:00:00"	9.8804	223.57	57.376	18.299	0.05893	26.19	0
"2014-04-03	07:00:00"	10.168	245.22	58.232	21.116	0.06359	26.199	0
"2014-04-03	08:00:00"	8.647	256.86	60.101	21.775	9.0223	26.226	0
"2014-04-03	09:00:00"	6.5213	331.35	58.056	21.871	126.05	26.246	0
"2014-04-03	10:00:00"	10.597	338.07	63.196	16.595	347.46	26.258	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-03	11:00:00"	16.684	331.08	66.547	14.595	581.86	26.273	0
"2014-04-03	12:00:00"	18.141	323.21	67.514	15.413	778.98	26.291	0
"2014-04-03	13:00:00"	19.156	313.99	68.645	14.887	928.58	26.302	0
"2014-04-03	14:00:00"	18.493	305.48	69.433	13.835	1007.4	26.305	0
"2014-04-03	15:00:00"	21.343	307.66	70.017	12.346	1005.2	26.302	0
"2014-04-03	16:00:00"	24.405	303.84	70.917	8.2856	916.12	26.296	0
"2014-04-03	17:00:00"	22.095	316.79	71.066	5.7875	815.58	26.288	0
"2014-04-03	18:00:00"	18.903	341.4	69.474	6.6772	631.89	26.308	0
"2014-04-03	19:00:00"	17.189	348.25	68.519	6.3917	222.25	26.332	0
"2014-04-03	20:00:00"	16.674	358.29	65.915	6.5683	157.03	26.361	0
"2014-04-03	21:00:00"	11.617	7.4598	61.387	8.9375	5.5647	26.391	0
"2014-04-03	22:00:00"	8.5917	26.564	57.346	11.853	0.06847	26.418	0
"2014-04-03	23:00:00"	13.799	41.722	54.127	24.119	0.05194	26.456	0
"2014-04-04	00:00:00"	17.863	58.289	50.852	40.985	0.07419	26.483	0
"2014-04-04	01:00:00"	15.427	65.326	47.566	45.328	0.07779	26.494	0
"2014-04-04	02:00:00"	12.798	65.71	44.56	45.89	0.08649	26.506	0
"2014-04-04	03:00:00"	12.274	72.326	42.631	49.767	0.10323	26.53	0
"2014-04-04	04:00:00"	11.128	76.562	40.214	55.919	0.07716	26.539	0
"2014-04-04	05:00:00"	7.106	70.383	37.263	61.896	0.06635	26.53	0
"2014-04-04	06:00:00"	6.4883	69.263	35.187	66.578	0.08967	26.553	0
"2014-04-04	07:00:00"	3.617	9.6574	32.681	71.163	0.07525	26.574	0
"2014-04-04	08:00:00"	4.3496	323.44	31.781	71.826	11.123	26.595	0
"2014-04-04	09:00:00"	4.7324	334.41	34.397	66.164	113.8	26.618	0
"2014-04-04	10:00:00"	3.9395	345.56	40.141	53.931	326	26.63	0
"2014-04-04	11:00:00"	4.7622	153.82	45.874	38.835	586.94	26.639	0
"2014-04-04	12:00:00"	5.9608	158.61	49.241	31.447	738.07	26.621	0
"2014-04-04	13:00:00"	7.7174	151.28	53.381	23.748	926.74	26.595	0
"2014-04-04	14:00:00"	9.2746	170.02	56.002	19.856	1001.2	26.556	0
"2014-04-04	15:00:00"	9.85	176.04	58.821	17.289	936.26	26.521	0
"2014-04-04	16:00:00"	9.8568	164.6	60.754	16.136	786.93	26.488	0
"2014-04-04	17:00:00"	10.863	164.92	61.978	15.238	542.23	26.465	0
"2014-04-04	18:00:00"	11.822	183.3	62.444	14.819	414.61	26.456	0
"2014-04-04	19:00:00"	12.027	177.8	62.386	14.819	221.63	26.444	0
"2014-04-04	20:00:00"	11.951	178.86	61.552	15.247	77.942	26.441	0
"2014-04-04	21:00:00"	8.9776	167.49	59.507	16.224	2.8933	26.438	0
"2014-04-04	22:00:00"	5.414	127.3	55.305	18.846	0.0831	26.447	0
"2014-04-04	23:00:00"	7.3713	136.36	54.847	20.143	0.07377	26.45	0
"2014-04-05	00:00:00"	9.3355	153.76	55.629	19.383	0.09264	26.441	0
"2014-04-05	01:00:00"	11.768	162.22	55.64	19.781	0.08712	26.429	0
"2014-04-05	02:00:00"	14.017	163.93	55.567	20.825	0.07462	26.412	0
"2014-04-05	03:00:00"	15.03	168.09	55.229	21.465	0.0831	26.403	0
"2014-04-05	04:00:00"	10.67	149.85	54.069	23.113	0.06889	26.385	0
"2014-04-05	05:00:00"	11.706	153.46	53.093	25.357	0.08564	26.358	0
"2014-04-05	06:00:00"	10.419	149.97	52.325	28.047	0.08267	26.356	0
"2014-04-05	07:00:00"	12.024	158.61	52.08	30.801	0.08225	26.341	0
"2014-04-05	08:00:00"	15.194	167.48	51.65	33.187	3.8351	26.344	0
"2014-04-05	09:00:00"	11.659	162.4	50.64	34.189	95.613	26.358	0

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"2014-04-05	10:00:00"	15.664	172.45	53.366	27.127	346.14	26.361	0
"2014-04-05	11:00:00"	19.082	180.29	56.169	22.968	564.38	26.353	0
"2014-04-05	12:00:00"	20.996	188.59	59.511	23.088	775.45	26.344	0
"2014-04-05	13:00:00"	20.004	188.15	61.439	25.488	924.45	26.314	0
"2014-04-05	14:00:00"	19.953	193.87	63.667	24.139	973.31	26.294	0
"2014-04-05	15:00:00"	18.248	194.31	65.111	23.133	975.18	26.267	0
"2014-04-05	16:00:00"	15.975	201.51	67.1	22.208	939.61	26.243	0
"2014-04-05	17:00:00"	13.437	201.45	68.428	21.856	781.29	26.217	0
"2014-04-05	18:00:00"	12.513	195.9	69.319	21.476	590.13	26.208	0
"2014-04-05	19:00:00"	12.763	192.8	69.365	21.863	220.47	26.211	0
"2014-04-05	20:00:00"	12.019	189.54	68.018	23.464	76.205	26.211	0
"2014-04-05	21:00:00"	10.343	177.63	65.112	27.348	2.4183	26.217	0
"2014-04-05	22:00:00"	11.832	178.79	62.551	31.921	0.08288	26.243	0
"2014-04-05	23:00:00"	10.858	183.46	60.113	36.34	0.0761	26.267	0
"2014-04-06	00:00:00"	8.7682	188.31	58.136	38.99	0.06805	26.279	0
"2014-04-06	01:00:00"	6.9214	207.61	56.917	40.713	0.08649	26.285	0
"2014-04-06	02:00:00"	6.4666	198.68	56.316	42.361	0.08712	26.285	0
"2014-04-06	03:00:00"	3.3243	193.19	54.933	44.512	0.0761	26.285	0
"2014-04-06	04:00:00"	1.3869	66.216	51.347	48.937	0.08861	26.267	0
"2014-04-06	05:00:00"	3.2013	314.49	50.397	51.528	0.07144	26.27	0
"2014-04-06	06:00:00"	5.6998	81.755	45.952	55.091	0.10366	26.261	0
"2014-04-06	07:00:00"	5.9819	89.308	43.43	55.922	0.11532	26.27	0
"2014-04-06	08:00:00"	5.7974	96.424	43.077	55.168	4.7933	26.276	0
"2014-04-06	09:00:00"	4.2427	119.33	44.604	52.149	103.04	26.276	0
"2014-04-06	10:00:00"	3.2454	157.42	49.777	46.261	306.95	26.279	0
"2014-04-06	11:00:00"	3.9569	293.87	54.92	46.32	364.44	26.282	0
"2014-04-06	12:00:00"	6.814	321.59	58.275	39.179	673.76	26.276	0
"2014-04-06	13:00:00"	8.5494	343.95	63.478	25.918	937.39	26.255	0
"2014-04-06	14:00:00"	9.4486	11.087	66.071	20.739	827.68	26.223	0
"2014-04-06	15:00:00"	8.2524	10.229	66.241	19	432.72	26.208	0
"2014-04-06	16:00:00"	10.729	72.803	66.514	20.178	576.03	26.193	0
"2014-04-06	17:00:00"	13.623	56.888	64.54	22.117	218.69	26.232	0
"2014-04-06	18:00:00"	12.665	303.94	63.677	21.385	279.18	26.217	0
"2014-04-06	19:00:00"	9.2752	293.59	64.961	18.731	239.03	26.22	0
"2014-04-06	20:00:00"	11.694	341.88	64.382	18.559	123.22	26.232	0
"2014-04-06	21:00:00"	5.9415	354.76	59.747	24.939	5.2955	26.24	0
"2014-04-06	22:00:00"	3.1733	349.11	53.22	30.955	0.08903	26.258	0
"2014-04-06	23:00:00"	6.3181	6.5926	52.391	31.899	0.09391	26.291	0
"2014-04-07	00:00:00"	6.5356	38.422	51.348	42.152	0.08924	26.294	0
"2014-04-07	01:00:00"	6.1789	54.931	49.956	46.396	0.08437	26.296	0
"2014-04-07	02:00:00"	6.3628	63.692	48.986	48.554	0.09094	26.305	0
"2014-04-07	03:00:00"	6.553	52.638	46.977	55.444	0.08755	26.308	0
"2014-04-07	04:00:00"	5.7912	36.081	45.313	62.588	0.08161	26.32	0
"2014-04-07	05:00:00"	8.7464	28.238	45.491	64.428	0.08776	26.326	0
"2014-04-07	06:00:00"	6.8724	14.954	44.814	67.462	0.10429	26.338	0
"2014-04-07	07:00:00"	4.6162	347.58	40.92	73.174	0.10154	26.358	0
"2014-04-07	08:00:00"	7.6783	354.15	40.296	73.531	11.788	26.373	0

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"2014-04-07	09:00:00"	9.0285	1.6988	43.676	65.653	106.54	26.4	0
"2014-04-07	10:00:00"	12.89	22.279	50.559	54.638	277.97	26.418	0
"2014-04-07	11:00:00"	15.348	28.018	55.242	44.059	389.67	26.435	0
"2014-04-07	12:00:00"	17.423	48.236	58.22	36.152	591.42	26.462	0
"2014-04-07	13:00:00"	16.724	57.922	60.031	28.964	666.07	26.462	0
"2014-04-07	14:00:00"	16.187	50.562	62.117	24.522	804.34	26.459	0
"2014-04-07	15:00:00"	15.352	32.128	63.553	22.711	806.05	26.459	0
"2014-04-07	16:00:00"	16.281	39.3	63.1	24.342	849	26.456	0
"2014-04-07	17:00:00"	14.731	25.266	58.063	36.371	276.82	26.488	0.02
"2014-04-07	18:00:00"	8.5743	17.515	58.063	38.223	352.87	26.497	0
"2014-04-07	19:00:00"	7.0215	358.89	59.366	33.804	232.03	26.509	0
"2014-04-07	20:00:00"	4.3198	101.72	58.691	34.886	135.11	26.518	0
"2014-04-07	21:00:00"	2.0884	107.81	55.444	39.716	6.5879	26.539	0
"2014-04-07	22:00:00"	3.8854	82.043	50.795	43.918	0.09285	26.568	0
"2014-04-07	23:00:00"	5.4078	95.401	50.442	41.951	0.08712	26.58	0
"2014-04-08	00:00:00"	3.4269	76.016	45.529	49.61	0.08331	26.592	0
"2014-04-08	01:00:00"	4.1787	57.719	42.544	54.662	0.10429	26.607	0
"2014-04-08	02:00:00"	3.4561	52.344	42.144	55.122	0.10154	26.633	0
"2014-04-08	03:00:00"	4.2092	10.598	40.319	58.178	0.08288	26.639	0
"2014-04-08	04:00:00"	4.2726	20.52	38.441	62.572	0.07864	26.648	0
"2014-04-08	05:00:00"	5.4177	44.241	40.501	58.686	0.0884	26.651	0
"2014-04-08	06:00:00"	5.4625	49.042	39.868	58.725	0.09052	26.654	0
"2014-04-08	07:00:00"	4.8448	44.975	38.871	58.822	0.10048	26.663	0
"2014-04-08	08:00:00"	3.6767	38.13	38.485	58.284	12.777	26.672	0
"2014-04-08	09:00:00"	3.1808	17.07	44.271	49.461	145.19	26.692	0
"2014-04-08	10:00:00"	2.7639	53.242	54.417	29.724	373.11	26.71	0
"2014-04-08	11:00:00"	2.8602	314.39	58.854	25.155	607.5	26.716	0
"2014-04-08	12:00:00"	7.0768	273.71	61.146	24.627	810.85	26.719	0
"2014-04-08	13:00:00"	7.2427	264.87	63.638	22.323	958.41	26.701	0
"2014-04-08	14:00:00"	7.846	263.13	66.301	19.891	1040.8	26.677	0
"2014-04-08	15:00:00"	7.449	267.45	68.549	17.505	1045.1	26.651	0
"2014-04-08	16:00:00"	6.9258	294.14	69.57	16.466	971.97	26.63	0
"2014-04-08	17:00:00"	6.164	320.33	70.969	15.121	833.45	26.615	0
"2014-04-08	18:00:00"	5.9801	304.83	72.038	14.225	637.41	26.604	0
"2014-04-08	19:00:00"	5.4917	273.68	72.205	14.052	364.28	26.601	0
"2014-04-08	20:00:00"	5.332	259.48	71.447	14.119	155.63	26.604	0
"2014-04-08	21:00:00"	3.1106	219.85	67.405	15.799	6.4287	26.607	0
"2014-04-08	22:00:00"	4.2216	204.06	62.807	18.413	0.05914	26.615	0
"2014-04-08	23:00:00"	4.8423	185.88	61.591	19.214	0.06868	26.615	0
"2014-04-09	00:00:00"	5.6414	180.79	61.154	19.422	0.0672	26.612	0
"2014-04-09	01:00:00"	7.2803	189.27	59.273	20.852	0.07568	26.615	0
"2014-04-09	02:00:00"	5.3183	200.81	56.49	23.221	0.06147	26.615	0
"2014-04-09	03:00:00"	2.8763	213.4	53.824	25.249	0.06317	26.607	0
"2014-04-09	04:00:00"	2.2587	226.98	53.294	25.931	0.0973	26.598	0
"2014-04-09	05:00:00"	3.3132	213.42	52.754	26.695	0.07886	26.577	0
"2014-04-09	06:00:00"	3.4207	197.43	52.479	26.973	0.06868	26.565	0
"2014-04-09	07:00:00"	5.5327	201.49	52.885	26.729	0.08267	26.568	0

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"2014-04-09	08:00:00"	4.1321	219.96	51.307	27.877	15.362	26.574	0
"2014-04-09	09:00:00"	6.2734	244.87	54.374	25.082	149.76	26.586	0
"2014-04-09	10:00:00"	9.5368	234.2	59.553	21.678	378.2	26.595	0
"2014-04-09	11:00:00"	11.469	225.01	65.906	17.036	616.03	26.595	0
"2014-04-09	12:00:00"	11.382	244.87	72.688	12.617	820.59	26.583	0
"2014-04-09	13:00:00"	11.554	252.16	77.616	9.9497	970.4	26.562	0
"2014-04-09	14:00:00"	11.607	244.76	80.581	8.5786	1052.7	26.533	0
"2014-04-09	15:00:00"	13.432	257.76	84.567	6.6961	1060.3	26.503	0
"2014-04-09	16:00:00"	12.78	277.17	85.901	6.107	986.32	26.462	0
"2014-04-09	17:00:00"	12.788	268.14	86.788	5.6928	845.59	26.435	0
"2014-04-09	18:00:00"	11.841	280.49	87.657	5.1522	647.35	26.415	0
"2014-04-09	19:00:00"	12.706	275.58	86.963	4.8989	386.26	26.409	0
"2014-04-09	20:00:00"	9.4803	281.07	84.452	4.6172	159.89	26.406	0
"2014-04-09	21:00:00"	1.9698	258.5	75.713	6.0044	5.9683	26.415	0
"2014-04-09	22:00:00"	4.3484	233.82	74.544	6.2778	0.06105	26.429	0
"2014-04-09	23:00:00"	3.7773	198.87	70.345	7.5089	0.07716	26.444	0
"2014-04-10	00:00:00"	9.8512	198.57	68.205	12.869	0.05448	26.438	0
"2014-04-10	01:00:00"	9.5846	216.5	67.223	17.289	0.08416	26.438	0
"2014-04-10	02:00:00"	9.2882	224.24	65.776	18.843	0.07377	26.426	0
"2014-04-10	03:00:00"	9.2988	222.04	62.642	21.33	0.08861	26.412	0
"2014-04-10	04:00:00"	10.848	229.85	61.289	22.589	0.07483	26.394	0
"2014-04-10	05:00:00"	8.4357	232.65	58.672	25.264	0.07462	26.385	0
"2014-04-10	06:00:00"	6.914	240.92	56.157	28.278	0.07483	26.385	0
"2014-04-10	07:00:00"	4.8399	260.46	54.379	30.706	0.08373	26.397	0
"2014-04-10	08:00:00"	4.6478	271.83	52.723	33.706	15.932	26.415	0
"2014-04-10	09:00:00"	4.1588	266.91	54.089	32.795	154.87	26.432	0
"2014-04-10	10:00:00"	8.3065	261.24	62	24.376	406.65	26.444	0
"2014-04-10	11:00:00"	7.7895	285.34	71.675	14.985	495.93	26.447	0
"2014-04-10	12:00:00"	11.187	333.08	79.448	6.9644	569.67	26.459	0
"2014-04-10	13:00:00"	11.084	344.18	83.249	5.2842	768.6	26.441	0
"2014-04-10	14:00:00"	12.304	347.06	85.15	4.3678	719.04	26.429	0
"2014-04-10	15:00:00"	12.695	345.52	86.719	3.2742	1001.1	26.415	0
"2014-04-10	16:00:00"	11.51	331.86	86.804	2.9817	749.72	26.4	0
"2014-04-10	17:00:00"	12.203	325.13	86.008	2.9822	502.16	26.379	0
"2014-04-10	18:00:00"	9.09	312.1	86.584	3.297	482.76	26.361	0
"2014-04-10	19:00:00"	7.4987	297.89	86.837	3.0172	362.37	26.353	0
"2014-04-10	20:00:00"	7.81	273.49	84.857	4.5225	170.38	26.358	0
"2014-04-10	21:00:00"	3.4815	258.48	78.354	5.5656	8.8088	26.37	0
"2014-04-10	22:00:00"	3.0509	259.41	73.23	6.582	0.08797	26.394	0
"2014-04-10	23:00:00"	1.9555	271.13	70.745	7.0222	0.07419	26.4	0
"2014-04-11	00:00:00"	4.5509	244.92	71.214	6.7208	0.0672	26.391	0
"2014-04-11	01:00:00"	4.2415	241.87	68.402	7.8798	0.08646	26.388	0
"2014-04-11	02:00:00"	1.6982	306.45	63.308	8.8394	0.08903	26.385	0
"2014-04-11	03:00:00"	1.1983	312.85	57.141	11.381	0.07377	26.376	0
"2014-04-11	04:00:00"	2.4501	282.44	58.768	9.8983	0.0761	26.376	0
"2014-04-11	05:00:00"	4.0824	231.02	59.626	8.9725	0.07017	26.376	0
"2014-04-11	06:00:00"	8.4637	235.59	59.218	8.9633	0.06805	26.388	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-11	07:00:00"	2.5818	45.6	51.426	12.871	0.08903	26.394	0
"2014-04-11	08:00:00"	2.798	338.01	49.697	13.966	11.697	26.412	0
"2014-04-11	09:00:00"	4.9536	308.91	54.41	13.324	186.97	26.441	0
"2014-04-11	10:00:00"	7.3595	341.11	62.975	9.9492	364.21	26.444	0
"2014-04-11	11:00:00"	6.3734	344.22	70.707	7.6642	523.01	26.462	0
"2014-04-11	12:00:00"	6.9078	46.334	77.522	6.8531	668.44	26.465	0
"2014-04-11	13:00:00"	7.2589	73.637	78.792	8.5694	738.99	26.459	0
"2014-04-11	14:00:00"	8.1567	95.113	78.809	10.839	815.8	26.441	0
"2014-04-11	15:00:00"	6.5039	107.34	80.307	12.874	737.5	26.42	0
"2014-04-11	16:00:00"	5.2071	151.01	82.088	10.975	602.61	26.4	0
"2014-04-11	17:00:00"	4.3533	167.32	83.28	8.4003	509.73	26.379	0
"2014-04-11	18:00:00"	5.5793	191.58	84.431	6.9575	478.97	26.361	0
"2014-04-11	19:00:00"	8.5022	195.34	85.118	5.7903	300.86	26.356	0
"2014-04-11	20:00:00"	11.234	250.2	84.025	5.5172	70.132	26.367	0
"2014-04-11	21:00:00"	5.2903	302.4	82.088	5.5145	3.9093	26.358	0
"2014-04-11	22:00:00"	2.8353	224.92	77.812	6.3617	0.0619	26.367	0
"2014-04-11	23:00:00"	1.2229	207.35	71.681	8.0683	0.07207	26.367	0
"2014-04-12	00:00:00"	1.2073	190.57	68.098	9.8447	0.07313	26.358	0
"2014-04-12	01:00:00"	3.4175	213.67	68.094	9.4019	0.07356	26.356	0
"2014-04-12	02:00:00"	6.6797	218.94	64.808	10.146	0.07398	26.347	0
"2014-04-12	03:00:00"	3.402	183.79	61.559	11.464	0.07631	26.338	0
"2014-04-12	04:00:00"	5.9633	229.22	62.506	11.149	0.0831	26.332	0
"2014-04-12	05:00:00"	8.0778	228.44	61.521	28.876	0.09539	26.329	0
"2014-04-12	06:00:00"	5.8421	236.89	60.664	41.137	0.05893	26.317	0
"2014-04-12	07:00:00"	6.0882	239.51	59.938	45.661	0.06041	26.32	0
"2014-04-12	08:00:00"	7.9007	233.41	59.126	52.002	13.044	26.338	0
"2014-04-12	09:00:00"	5.9198	244.07	58.589	52.222	83.278	26.35	0
"2014-04-12	10:00:00"	6.0068	248.39	62.872	43.007	362.52	26.356	0
"2014-04-12	11:00:00"	7.9256	257.03	72.366	24.06	621.01	26.356	0
"2014-04-12	12:00:00"	9.4709	266.02	79.362	15.441	713.42	26.356	0
"2014-04-12	13:00:00"	12.14	286.5	84.018	9.7861	722.1	26.326	0
"2014-04-12	14:00:00"	11.614	280.58	84.768	8.9333	790.61	26.291	0
"2014-04-12	15:00:00"	13.386	269.06	84.667	9.2325	687.98	26.273	0
"2014-04-12	16:00:00"	15.769	273.37	83.667	10.899	451.2	26.252	0
"2014-04-12	17:00:00"	16.358	256.22	82.565	10.584	277.29	26.226	0
"2014-04-12	18:00:00"	12.142	250.37	82.322	11.662	164.64	26.211	0
"2014-04-12	19:00:00"	11.69	231.42	82.196	11.54	113.43	26.196	0
"2014-04-12	20:00:00"	16.03	264.18	82.034	12.176	36.617	26.205	0
"2014-04-12	21:00:00"	22.717	256.04	79.441	15.741	1.2693	26.226	0
"2014-04-12	22:00:00"	25.108	234.99	74.458	23.976	0.06296	26.24	0
"2014-04-12	23:00:00"	18.078	237.01	73.467	27.612	0.06084	26.237	0
"2014-04-13	00:00:00"	13.796	257.81	73.328	25.535	0.08267	26.229	0
"2014-04-13	01:00:00"	16.027	256.53	72.126	27.346	0.07779	26.229	0
"2014-04-13	02:00:00"	13.952	257.71	70.85	29.27	0.06423	26.217	0
"2014-04-13	03:00:00"	8.8931	235.4	68.88	31.889	0.08882	26.211	0
"2014-04-13	04:00:00"	8.3239	256.29	67.423	33.464	0.05999	26.202	0
"2014-04-13	05:00:00"	10.085	256.82	67.343	33.071	0.08013	26.196	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-13	06:00:00"	7.7435	269.63	67.079	32.335	0.07462	26.19	0
"2014-04-13	07:00:00"	6.8835	258.75	64.616	33.792	0.08225	26.193	0
"2014-04-13	08:00:00"	7.1545	250.27	60.892	39.211	15.436	26.208	0
"2014-04-13	09:00:00"	7.4204	262.45	61.282	39.625	164.22	26.22	0
"2014-04-13	10:00:00"	12.91	287.97	69.593	24.478	399.18	26.226	0
"2014-04-13	11:00:00"	17.547	300.85	74.275	13.959	636.19	26.229	0
"2014-04-13	12:00:00"	18.381	307.65	75.524	11.632	834.79	26.229	0
"2014-04-13	13:00:00"	17.057	306.16	77.438	9.6428	982.81	26.217	0
"2014-04-13	14:00:00"	15.437	313.68	78.984	8.5631	1064.4	26.199	0
"2014-04-13	15:00:00"	14.442	316.97	80.188	8.257	1068.1	26.184	0
"2014-04-13	16:00:00"	12.809	298.27	81.41	7.9139	995.04	26.167	0
"2014-04-13	17:00:00"	11.148	303.5	82.294	7.2503	857.61	26.14	0
"2014-04-13	18:00:00"	12.557	293	82.313	7.2839	660	26.131	0
"2014-04-13	19:00:00"	12.719	296.33	81.716	7.1889	421.33	26.128	0
"2014-04-13	20:00:00"	13.384	294.99	80.024	7.1939	180.76	26.137	0
"2014-04-13	21:00:00"	6.4194	277.02	74.562	7.9925	10.757	26.143	0
"2014-04-13	22:00:00"	7.2812	240.52	71.137	8.8389	0.07589	26.167	0
"2014-04-13	23:00:00"	7.7386	235.11	68.834	9.4308	0.0655	26.181	0
"2014-04-14	00:00:00"	5.6246	251.46	67.17	10.302	0.06889	26.202	0
"2014-04-14	01:00:00"	13.902	44.894	57.527	27.111	0.09391	26.288	0
"2014-04-14	02:00:00"	25.893	68.953	44.825	54.03	0.07568	26.329	0
"2014-04-14	03:00:00"	25.29	63.149	40.261	59.763	0.06232	26.379	0
"2014-04-14	04:00:00"	24.755	57.698	38.445	62.169	0.08013	26.409	0
"2014-04-14	05:00:00"	22.656	60.951	36.486	62.8	0.07737	26.435	0
"2014-04-14	06:00:00"	19.796	58.819	34.849	62.725	0.10429	26.465	0
"2014-04-14	07:00:00"	20.206	48.847	32.715	61.82	0.08161	26.533	0
"2014-04-14	08:00:00"	15.224	38.103	30.941	64.511	18.82	26.58	0
"2014-04-14	09:00:00"	17.116	43.271	32.634	58.856	107	26.615	0
"2014-04-14	10:00:00"	20.749	42.624	34.299	55.066	233.17	26.642	0
"2014-04-14	11:00:00"	19.162	48.376	35.522	53.385	407.01	26.663	0
"2014-04-14	12:00:00"	19.998	46.044	39.787	42.668	780.55	26.672	0
"2014-04-14	13:00:00"	19.417	47.554	42.615	37.252	964.51	26.663	0
"2014-04-14	14:00:00"	18.824	40.923	44.484	35.133	1054.5	26.666	0
"2014-04-14	15:00:00"	17.804	39.583	46.186	32.844	1052	26.663	0
"2014-04-14	16:00:00"	17.956	36.143	47.86	28.901	987.52	26.657	0
"2014-04-14	17:00:00"	17.805	38.75	48.963	27.227	842.45	26.645	0
"2014-04-14	18:00:00"	17.768	43.401	48.987	27.156	647.04	26.648	0
"2014-04-14	19:00:00"	16.181	38.704	48.577	27.404	413.5	26.657	0
"2014-04-14	20:00:00"	13.9	41.883	47.246	28.192	171.33	26.663	0
"2014-04-14	21:00:00"	9.0583	46.454	44.437	30.394	11.606	26.677	0
"2014-04-14	22:00:00"	5.2885	49.885	40.678	34.392	0.06508	26.704	0
"2014-04-14	23:00:00"	3.5779	63.996	35.908	40.322	0.0903	26.722	0
"2014-04-15	00:00:00"	3.0646	83.753	36.94	39.551	0.0814	26.716	0
"2014-04-15	01:00:00"	4.275	76.222	33.602	43.252	0.09306	26.701	0
"2014-04-15	02:00:00"	2.2835	107.37	32.468	45.264	0.07462	26.695	0
"2014-04-15	03:00:00"	1.4913	110.7	32.318	44.848	0.08076	26.686	0
"2014-04-15	04:00:00"	1.9959	83.861	32.368	44.898	0.07992	26.692	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-15	05:00:00"	2.8658	323.75	29.746	49.011	0.10535	26.689	0
"2014-04-15	06:00:00"	3.0118	353.55	26.597	53.796	0.09348	26.674	0
"2014-04-15	07:00:00"	1.7765	273.38	27.745	53.664	0.08437	26.669	0
"2014-04-15	08:00:00"	1.3627	224.81	29.892	49.372	26.103	26.68	0
"2014-04-15	09:00:00"	6.4225	205.01	36.371	41.334	179.07	26.689	0
"2014-04-15	10:00:00"	10.952	213.23	41.161	34.214	412.99	26.689	0
"2014-04-15	11:00:00"	10.727	220.11	45.561	27.595	649.75	26.683	0
"2014-04-15	12:00:00"	13.128	218.45	48.456	21.82	851.23	26.669	0
"2014-04-15	13:00:00"	14.667	223.2	50.973	18.506	997.83	26.633	0
"2014-04-15	14:00:00"	16.318	219.96	53.241	15.221	1078.6	26.601	0
"2014-04-15	15:00:00"	16.745	224.4	56.362	12.912	1083.4	26.571	0
"2014-04-15	16:00:00"	16.391	228.16	59.048	12.086	1009.8	26.524	0
"2014-04-15	17:00:00"	16.394	224.95	61.415	11.945	867.34	26.477	0
"2014-04-15	18:00:00"	15.929	223.55	63.319	10.624	671.54	26.456	0
"2014-04-15	19:00:00"	16.468	224.72	64.311	9.7908	437.3	26.432	0
"2014-04-15	20:00:00"	14.772	221.13	63.498	9.765	158.5	26.412	0
"2014-04-15	21:00:00"	10.316	206.37	60.048	9.9578	5.2715	26.394	0
"2014-04-15	22:00:00"	10.45	200.38	56.869	11.074	0.07652	26.403	0
"2014-04-15	23:00:00"	11.402	199.41	54.352	12.445	0.07695	26.403	0
"2014-04-16	00:00:00"	14.085	211.67	53.69	13.439	0.08373	26.391	0
"2014-04-16	01:00:00"	15.647	211.62	52.414	15.952	0.05813	26.376	0
"2014-04-16	02:00:00"	12.798	217.82	50.821	17.76	0.08628	26.364	0
"2014-04-16	03:00:00"	11.728	220.68	49.762	19.521	0.07589	26.347	0
"2014-04-16	04:00:00"	12.019	219.84	48.445	21.856	0.0797	26.326	0
"2014-04-16	05:00:00"	12.602	224.69	47.92	22.948	0.08776	0.26311	0
"2014-04-16	06:00:00"	10.321	224.74	47.006	24.166	0.09285	26.302	0
"2014-04-16	07:00:00"	8.706	226.29	44.796	26.822	0.06275	26.308	0
"2014-04-16	08:00:00"	10.45	227.33	43.737	28.743	37.308	26.317	0
"2014-04-16	09:00:00"	12.167	221.56	45.455	28.5	148.17	26.326	0
"2014-04-16	10:00:00"	12.433	223.9	48.927	24.637	270.43	26.32	0
"2014-04-16	11:00:00"	10.272	219.43	54.422	20.435	639.24	26.326	0
"2014-04-16	12:00:00"	11.121	226.5	62.193	15.603	843.46	26.323	0
"2014-04-16	13:00:00"	10.608	241.1	68.355	12.835	932.98	26.308	0
"2014-04-16	14:00:00"	10.264	230.87	72.557	11.191	1020.1	26.282	0
"2014-04-16	15:00:00"	8.181	228.38	76.593	9.2978	1084	26.264	0
"2014-04-16	16:00:00"	7.6808	236.95	79.208	8.2264	1000.5	26.232	0
"2014-04-16	17:00:00"	11.247	219.97	80.118	8.1753	858.81	26.202	0
"2014-04-16	18:00:00"	9.049	221.28	80.632	7.9906	655.2	26.187	0
"2014-04-16	19:00:00"	11.089	201.68	80.449	8.1419	411.24	26.175	0
"2014-04-16	20:00:00"	14.825	193.03	78.582	9.5097	171.35	26.19	0
"2014-04-16	21:00:00"	14.945	197.25	72.826	13.969	10.111	26.214	0
"2014-04-16	22:00:00"	14.254	196.55	67.901	19.748	0.07546	26.234	0
"2014-04-16	23:00:00"	12.708	203.04	64.011	26.499	0.0831	26.252	0
"2014-04-17	00:00:00"	12.114	198.14	60.496	32.081	0.0761	26.252	0
"2014-04-17	01:00:00"	9.986	207.58	57.68	36.175	0.07949	26.255	0
"2014-04-17	02:00:00"	10.425	208.17	55.468	41.671	0.08967	26.255	0
"2014-04-17	03:00:00"	9.41	215.66	53.097	48.236	0.07928	26.255	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-17	04:00:00"	7.5285	238	52.205	52.745	0.07864	26.285	0
"2014-04-17	05:00:00"	8.6302	2.7155	49.855	55.541	0.07165	26.323	0
"2014-04-17	06:00:00"	2.0176	216.2	49.226	55.846	0.07038	26.326	0
"2014-04-17	07:00:00"	3.0683	84.561	47.323	58.089	0.08755	26.344	0
"2014-04-17	08:00:00"	5.5693	36.363	45.236	61.654	11.325	26.394	0
"2014-04-17	09:00:00"	11.132	31.897	49.345	45.018	161.42	26.435	0
"2014-04-17	10:00:00"	10.717	28.495	53.884	38.566	400.51	26.456	0
"2014-04-17	11:00:00"	10.023	47.323	57.241	38.351	633.5	26.485	0
"2014-04-17	12:00:00"	12.882	60.03	61.383	36.71	828.36	26.512	0
"2014-04-17	13:00:00"	11.66	70.935	64.177	35.088	966.3	26.512	0
"2014-04-17	14:00:00"	12.431	53.238	66.374	31.561	1043.6	26.515	0
"2014-04-17	15:00:00"	11.203	64.818	67.688	28.987	1048.9	26.515	0
"2014-04-17	16:00:00"	10.55	68.174	69.299	26.724	974.88	26.503	0
"2014-04-17	17:00:00"	8.8576	57.03	70.241	25.491	836	26.5	0
"2014-04-17	18:00:00"	8.3096	82.859	70.638	25.502	641.04	26.5	0
"2014-04-17	19:00:00"	8.0163	78.128	70.54	25.613	408.56	26.506	0
"2014-04-17	20:00:00"	10.102	105.79	69.246	28.696	169.41	26.515	0
"2014-04-17	21:00:00"	11.04	117.21	65.141	37.154	10.389	26.533	0
"2014-04-17	22:00:00"	14.184	112.72	60.901	46.634	0.07038	26.568	0
"2014-04-17	23:00:00"	14.144	117.43	56.463	58.164	0.05469	26.592	0
"2014-04-18	00:00:00"	13.414	113.49	53.011	66.016	0.05278	26.607	0
"2014-04-18	01:00:00"	13.034	118.31	49.946	72.689	0.06359	26.607	0
"2014-04-18	02:00:00"	11.123	116.23	48.029	77.489	0.0761	26.621	0
"2014-04-18	03:00:00"	10.407	109.99	46.431	81.338	0.05999	26.604	0
"2014-04-18	04:00:00"	10.417	112.39	45.177	86.119	0.09242	26.601	0
"2014-04-18	05:00:00"	10.171	115.44	46.282	86.819	0.07356	26.589	0
"2014-04-18	06:00:00"	6.9792	134.68	47.56	86.768	0.07017	26.601	0
"2014-04-18	07:00:00"	5.706	133.18	48.506	86.439	0.09221	26.604	0
"2014-04-18	08:00:00"	6.7574	155.56	49.277	84.66	13.575	26.612	0
"2014-04-18	09:00:00"	6.3523	154.96	49.951	85.219	42.693	26.624	0
"2014-04-18	10:00:00"	7.2154	174.98	51.444	85.226	126.31	26.624	0
"2014-04-18	11:00:00"	10.38	183.22	54.989	79.997	272.29	26.627	0
"2014-04-18	12:00:00"	11.224	193.5	56.304	78.395	231.51	26.624	0
"2014-04-18	13:00:00"	11.485	188.17	58.382	72.273	450.93	26.618	0
"2014-04-18	14:00:00"	11.733	195.73	61.719	63.087	663.92	26.589	0
"2014-04-18	15:00:00"	12.563	197.12	66.298	51.299	955.39	26.562	0
"2014-04-18	16:00:00"	12.838	188.02	68.71	44.349	676.4	26.53	0
"2014-04-18	17:00:00"	14.124	185.36	70.511	38.463	655.77	26.509	0
"2014-04-18	18:00:00"	14.473	185.58	72.902	33.858	602.54	26.483	0
"2014-04-18	19:00:00"	15.571	185.19	73.414	32.029	411.06	26.48	0
"2014-04-18	20:00:00"	13.94	185.18	72.265	33.263	169.88	26.477	0
"2014-04-18	21:00:00"	10.01	184.48	69.674	37.237	6.4586	26.491	0
"2014-04-18	22:00:00"	8.2276	174.33	66.879	40.82	0.0778	26.497	0
"2014-04-18	23:00:00"	9.6462	175.31	64.498	44.484	0.08564	26.506	0
"2014-04-19	00:00:00"	9.8854	189.1	62.401	49.903	0.09158	26.503	0
"2014-04-19	01:00:00"	7.895	190.12	61.236	52.597	0.08054	26.494	0
"2014-04-19	02:00:00"	6.1739	193.35	59.573	57.264	0.08416	26.497	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-19"	03:00:00"	5.1679	194.95	58.12	61.245	0.06338	26.488	0
"2014-04-19"	04:00:00"	7.1371	203	58.512	62.233	0.08988	26.494	0
"2014-04-19"	05:00:00"	6.1503	218.64	59.182	62.735	0.07674	26.491	0
"2014-04-19"	06:00:00"	2.3239	219.06	58.387	64.925	0.06317	26.485	0
"2014-04-19"	07:00:00"	5.9515	88.683	56.513	65.642	0.07334	26.488	0
"2014-04-19"	08:00:00"	6.5356	134.73	55.798	66.043	14.832	26.488	0
"2014-04-19"	09:00:00"	7.6292	135.16	56.587	64.632	102.51	26.497	0
"2014-04-19"	10:00:00"	10.678	177.89	58.726	64.608	143.06	26.524	0
"2014-04-19"	11:00:00"	13.99	204.31	60.862	70.19	187.46	26.491	0
"2014-04-19"	12:00:00"	11.794	200.77	63.57	66.312	413.1	26.503	0
"2014-04-19"	13:00:00"	9.2976	231.09	65.731	61.482	296.38	26.506	0
"2014-04-19"	14:00:00"	9.763	250.02	67.007	57.145	262.12	26.553	0
"2014-04-19"	15:00:00"	9.1571	294.97	65.61	63.488	156.43	26.542	0
"2014-04-19"	16:00:00"	12.667	7.2267	63.509	72.58	425.43	26.456	0
"2014-04-19"	17:00:00"	16.993	59.301	65.723	62.912	643.32	26.42	0
"2014-04-19"	18:00:00"	16.445	92.579	67.05	57.755	430.07	26.447	0
"2014-04-19"	19:00:00"	12.542	89.446	64.974	63.856	81.163	26.468	0
"2014-04-19"	20:00:00"	7.8367	61.537	61.304	77.056	4.4302	26.488	0.05
"2014-04-19"	21:00:00"	6.9581	43.015	59.448	82.557	0.09921	26.494	0.59
"2014-04-19"	22:00:00"	9.9693	129.85	57.305	87.995	0.09009	26.527	0.33
"2014-04-19"	23:00:00"	6.3411	103.5	59.074	84.068	0.0814	26.533	0
"2014-04-20"	00:00:00"	6.3827	182.39	58.25	83.859	0.06041	26.509	0
"2014-04-20"	01:00:00"	4.4906	228.03	56.744	85.458	0.07547	26.509	0
"2014-04-20"	02:00:00"	4.1153	266.22	56.033	88.331	0.07292	26.506	0
"2014-04-20"	03:00:00"	5.3357	256.39	56.159	88.125	0.06953	26.485	0
"2014-04-20"	04:00:00"	3.425	235.68	55.429	90.15	0.08246	26.477	0
"2014-04-20"	05:00:00"	4.7324	259.84	55.647	91.112	0.07017	26.48	0
"2014-04-20"	06:00:00"	4.8423	249.51	55.264	91.368	0.08479	26.48	0
"2014-04-20"	07:00:00"	3.2821	260.79	54.561	91.783	0.05681	26.491	0.01
"2014-04-20"	08:00:00"	2.5265	315.65	54.125	92.124	6.8194	26.512	0
"2014-04-20"	09:00:00"	2.9863	335.49	54.791	92.35	72.224	26.524	0
"2014-04-20"	10:00:00"	3.5853	318.91	55.943	92.019	132.83	26.53	0
"2014-04-20"	11:00:00"	4.4124	263.18	58.039	88.604	238.7	26.536	0
"2014-04-20"	12:00:00"	9.3417	219.48	61.253	79.482	746.8	26.527	0
"2014-04-20"	13:00:00"	7.6342	234.65	64.664	69.384	963.05	26.506	0
"2014-04-20"	14:00:00"	7.3763	250.39	68.043	60.369	1039.4	26.485	0
"2014-04-20"	15:00:00"	7.7454	246.25	71.741	49.962	984.1	26.462	0
"2014-04-20"	16:00:00"	10.466	236.31	74.732	40.227	921.36	26.432	0
"2014-04-20"	17:00:00"	12.483	290.58	78.144	27.809	770.23	26.412	0
"2014-04-20"	18:00:00"	11.535	291.58	78.342	27.791	570.63	26.412	0
"2014-04-20"	19:00:00"	12.101	308.28	78.453	25.525	432.76	26.42	0
"2014-04-20"	20:00:00"	10.064	311.72	76.809	28.036	186.13	26.423	0
"2014-04-20"	21:00:00"	3.2442	281.08	72.277	35.374	14.925	26.441	0
"2014-04-20"	22:00:00"	1.4441	231.36	68.477	42.745	0.06593	26.456	0
"2014-04-20"	23:00:00"	2.941	234.24	69.265	38.457	0.0619	26.465	0
"2014-04-21"	00:00:00"	2.4022	271.34	66.609	44.605	0.06211	26.453	0
"2014-04-21"	01:00:00"	2.9267	241.86	62.789	53.922	0.06253	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-21	02:00:00"	8.0691	226.19	61.085	75.175	0.06868	26.459	0
"2014-04-21	03:00:00"	5.8123	243.28	60.458	83.567	0.07716	26.459	0
"2014-04-21	04:00:00"	4.7224	256.99	59.052	86.64	0.05448	26.465	0
"2014-04-21	05:00:00"	5.0729	255.89	58.511	87.854	0.07123	26.465	0
"2014-04-21	06:00:00"	3.0901	270.15	57.166	89.329	0.0725	26.465	0
"2014-04-21	07:00:00"	4.0016	263.62	56.7	91.16	0.07949	26.48	0
"2014-04-21	08:00:00"	3.9991	254.15	55.97	91.799	18.542	26.506	0
"2014-04-21	09:00:00"	2.8194	258.34	56.282	92.086	124.05	26.521	0
"2014-04-21	10:00:00"	1.9517	294.59	57.542	91.64	332.96	26.536	0
"2014-04-21	11:00:00"	1.9729	229.75	63.013	74.665	625.11	26.545	0
"2014-04-21	12:00:00"	5.9123	76.395	73.921	35.492	819.51	26.542	0
"2014-04-21	13:00:00"	6.9712	67.204	77.344	28.375	963.26	26.533	0
"2014-04-21	14:00:00"	7.1775	67.615	79.507	24.555	1042	26.521	0
"2014-04-21	15:00:00"	6.7145	40.787	80.783	22.995	1002	26.509	0
"2014-04-21	16:00:00"	6.1037	79.615	81.863	21.044	872.3	26.488	0
"2014-04-21	17:00:00"	6.1628	89.376	81.807	21.43	532.45	26.477	0
"2014-04-21	18:00:00"	6.7922	77.067	82.023	21.071	463.1	26.471	0
"2014-04-21	19:00:00"	7.8386	91.382	81.827	21.554	361.53	26.468	0
"2014-04-21	20:00:00"	7.92	99.655	80.528	22.386	165.87	26.477	0
"2014-04-21	21:00:00"	5.5662	88.96	75.397	29.349	9.9927	26.491	0
"2014-04-21	22:00:00"	5.45	98.548	70.895	37.05	0.08882	26.509	0
"2014-04-21	23:00:00"	9.4945	112.3	69.796	39.724	0.06953	26.533	0
"2014-04-22	00:00:00"	10.942	122.35	68.454	45.318	0.0744	26.542	0
"2014-04-22	01:00:00"	10.535	123.19	66.478	49.578	0.0613	26.545	0
"2014-04-22	02:00:00"	10.253	119.11	64.419	54.21	0.06359	26.55	0
"2014-04-22	03:00:00"	9.1404	131.57	62.359	60.145	0.08394	26.545	0
"2014-04-22	04:00:00"	8.1934	148.06	61.486	64.95	0.07313	26.55	0
"2014-04-22	05:00:00"	3.9066	166.81	60.303	68.67	0.0725	26.547	0
"2014-04-22	06:00:00"	3.4499	137.1	58.677	72.272	0.07589	26.547	0
"2014-04-22	07:00:00"	3.7015	138.45	57.704	74.315	0.06465	26.55	0
"2014-04-22	08:00:00"	4.815	121.47	57.829	73.596	30.66	26.568	0
"2014-04-22	09:00:00"	5.547	153.76	60.892	66.063	180.56	26.58	0
"2014-04-22	10:00:00"	11.344	176.89	66.14	52.104	405.69	26.574	0
"2014-04-22	11:00:00"	12.178	171.04	69.315	44.307	628.89	26.574	0
"2014-04-22	12:00:00"	12.092	188.51	71.946	39.816	820.83	26.559	0
"2014-04-22	13:00:00"	12.225	183.42	74.984	34.187	961.36	26.53	0
"2014-04-22	14:00:00"	12.633	186.77	77.539	29.802	1037	26.5	0
"2014-04-22	15:00:00"	14.19	199.43	79.414	26.805	1041.7	26.471	0
"2014-04-22	16:00:00"	13.765	199.12	80.923	25.107	973.04	26.438	0
"2014-04-22	17:00:00"	14.024	195.12	82.023	24.081	782.25	26.406	0
"2014-04-22	18:00:00"	14.419	193.71	82.307	23.515	672.5	26.376	0
"2014-04-22	19:00:00"	15.173	199.41	81.961	23.531	405.12	26.367	0
"2014-04-22	20:00:00"	15.317	198.06	81.003	24.02	190.13	26.356	0
"2014-04-22	21:00:00"	12.273	210.97	77.135	29.711	19.249	26.353	0
"2014-04-22	22:00:00"	8.3916	188.15	72.907	35.479	0.06635	26.358	0
"2014-04-22	23:00:00"	9.154	177.01	70.952	39.14	0.06783	26.356	0
"2014-04-23	00:00:00"	11.513	174.47	70.163	38.414	0.07949	26.35	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-23	01:00:00"	11.753	180.19	68.85	36.413	0.08606	26.344	0
"2014-04-23	02:00:00"	13.898	188.49	68.127	37.929	0.0903	26.329	0
"2014-04-23	03:00:00"	13.136	192.28	67.173	39.733	0.06444	26.323	0
"2014-04-23	04:00:00"	11.646	189.95	66.115	43.422	0.06911	26.302	0
"2014-04-23	05:00:00"	11.357	198.61	65.523	47.294	0.0831	26.302	0
"2014-04-23	06:00:00"	14.106	204.04	65.992	49.431	0.09475	26.296	0
"2014-04-23	07:00:00"	12.516	208.65	65.108	52.64	0.08246	26.299	0
"2014-04-23	08:00:00"	11.781	204.93	64.025	57.988	26.31	26.296	0
"2014-04-23	09:00:00"	14.218	209.62	65.163	58.901	152.98	26.302	0
"2014-04-23	10:00:00"	17.314	217.67	68.972	51.597	380.22	26.302	0
"2014-04-23	11:00:00"	15.709	224.02	72.448	45.16	565.18	26.299	0
"2014-04-23	12:00:00"	14.03	233.98	75.594	39.401	662.59	26.294	0
"2014-04-23	13:00:00"	12.623	265.45	79.139	29.628	724.85	26.267	0
"2014-04-23	14:00:00"	11.495	286.39	83.04	19.094	828.69	26.252	0
"2014-04-23	15:00:00"	11.977	275.57	83.137	17.397	724.96	26.234	0
"2014-04-23	16:00:00"	12.175	267.46	84.806	15.058	893.26	26.205	0
"2014-04-23	17:00:00"	14.983	253.8	85.139	11.93	573.24	26.172	0
"2014-04-23	18:00:00"	17.902	258.68	85.514	9.6347	428.73	26.158	0
"2014-04-23	19:00:00"	15.017	279.74	85.444	9.1653	320.61	26.155	0
"2014-04-23	20:00:00"	14.228	275.44	84.7	9.0222	221.58	26.149	0
"2014-04-23	21:00:00"	4.984	285.95	78.865	11.222	17.271	26.161	0
"2014-04-23	22:00:00"	3.1398	293.23	72.055	14.996	0.05321	26.178	0
"2014-04-23	23:00:00"	6.7145	304.77	72.997	13.24	0.07419	26.196	0
"2014-04-24	00:00:00"	2.7117	287.21	68.424	16.099	0.07059	26.205	0
"2014-04-24	01:00:00"	3.9364	292.58	67.82	16.467	0.08204	26.211	0
"2014-04-24	02:00:00"	5.2895	326.85	65.757	18.753	0.07207	0	0
"2014-04-24	03:00:00"	8.7725	343.85	66.664	18.806	0.08225	26.258	0
"2014-04-24	04:00:00"	9.8206	1.5163	63.765	21.348	0.07419	26.282	0
"2014-04-24	05:00:00"	5.6197	358.96	60.796	23.832	0.0602	26.311	0
"2014-04-24	06:00:00"	4.7982	355.15	55.014	30.478	0.10048	26.323	0
"2014-04-24	07:00:00"	11.394	9.545	56.973	25.355	0.10663	26.356	0
"2014-04-24	08:00:00"	15.251	6.1918	58.597	18.084	38.638	26.382	0
"2014-04-24	09:00:00"	19.967	7.7229	61.81	14.959	210.58	26.438	0
"2014-04-24	10:00:00"	21.921	37.266	61.126	20.846	432.27	26.468	0
"2014-04-24	11:00:00"	19.84	51.993	60.55	32.959	649.54	26.471	0
"2014-04-24	12:00:00"	19.423	57.892	63.539	29.441	861.54	26.48	0
"2014-04-24	13:00:00"	16.743	56.535	67.127	24.83	1007.1	26.485	0
"2014-04-24	14:00:00"	14.019	42.784	70.326	20.044	1088.6	26.456	0
"2014-04-24	15:00:00"	10.102	14.875	72.572	16.866	1075.3	26.453	0
"2014-04-24	16:00:00"	8.345	343.76	74.626	14.803	1009.9	26.438	0
"2014-04-24	17:00:00"	7.6522	353.03	76.374	12.299	859.7	26.415	0
"2014-04-24	18:00:00"	6.4803	345.77	77.342	9.9889	635.21	26.403	0
"2014-04-24	19:00:00"	4.3042	24.115	77.652	9.2006	447.59	26.4	0
"2014-04-24	20:00:00"	3.133	46.936	76.485	9.5403	156.67	26.397	0
"2014-04-24	21:00:00"	4.6671	113.5	71.624	15.633	13.03	26.406	0
"2014-04-24	22:00:00"	5.7539	135.64	66.113	21.795	0.08564	26.418	0
"2014-04-24	23:00:00"	7.5869	147.61	65.556	20.781	0.07652	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-25	00:00:00"	8.821	162.86	65.232	22.117	0.0778	26.412	0
"2014-04-25	01:00:00"	7.1147	179.27	62.918	25.339	0.07652	26.412	0
"2014-04-25	02:00:00"	8.0088	192.9	60.901	27.514	0.08734	26.409	0
"2014-04-25	03:00:00"	8.8924	193.96	60.459	27.734	0.08882	26.406	0
"2014-04-25	04:00:00"	5.6029	239.56	58.299	30.042	0.08691	26.406	0
"2014-04-25	05:00:00"	1.2508	225.62	56.69	31.68	0.08924	26.403	0
"2014-04-25	06:00:00"	0.65741	228.9	53.985	36.697	0.0725	26.4	0
"2014-04-25	07:00:00"	3.0118	214.61	55.13	34.621	0.10217	26.406	0
"2014-04-25	08:00:00"	1.6734	203.57	55.071	34.708	34.81	26.415	0
"2014-04-25	09:00:00"	8.3133	188.39	61.197	27.76	197.16	26.426	0
"2014-04-25	10:00:00"	14.927	213.69	68.496	27.846	430.37	26.429	0
"2014-04-25	11:00:00"	18.644	217.88	72.367	33.163	659.09	26.426	0
"2014-04-25	12:00:00"	15.581	222.2	75.902	24.651	856.43	26.423	0
"2014-04-25	13:00:00"	14.751	226.69	80.069	17.088	1001.6	26.403	0
"2014-04-25	14:00:00"	12.236	234.84	82.957	12.729	1074.6	26.373	0
"2014-04-25	15:00:00"	12.705	234.79	85.136	10.054	1073.7	26.347	0
"2014-04-25	16:00:00"	14.146	233.53	86.661	8.5111	995.07	26.326	0
"2014-04-25	17:00:00"	15.585	232.22	87.377	8.1111	790.2	26.291	0
"2014-04-25	18:00:00"	15.644	229.07	87.858	8.0394	648.73	26.27	0
"2014-04-25	19:00:00"	14.426	236.51	88.485	8.0158	440.57	26.255	0
"2014-04-25	20:00:00"	11.128	242.09	87.531	8.3489	169.82	26.243	0
"2014-04-25	21:00:00"	7.9225	218.1	82.346	12.62	4.6284	26.252	0
"2014-04-25	22:00:00"	6.6456	222.47	77.869	19.329	0.08246	26.267	0
"2014-04-25	23:00:00"	9.8835	189.35	76.594	30.449	0.07186	26.264	0
"2014-04-26	00:00:00"	16.162	200.9	75.442	37.588	0.07674	26.27	0
"2014-04-26	01:00:00"	13.296	212.95	72.845	46.749	0.07801	26.264	0
"2014-04-26	02:00:00"	10.831	215.41	70.895	52.771	0.07398	26.24	0
"2014-04-26	03:00:00"	10.472	220.39	70.036	57.591	0.10323	26.232	0
"2014-04-26	04:00:00"	8.2475	235.96	69.521	60.414	0.06402	26.223	0
"2014-04-26	05:00:00"	7.485	219.92	68.08	63.549	0.08182	26.22	0
"2014-04-26	06:00:00"	8.3922	227.87	67.438	63.672	0.07652	26.22	0
"2014-04-26	07:00:00"	6.832	228.66	65.953	66.237	0.07123	26.22	0
"2014-04-26	08:00:00"	4.2595	229.08	64.056	69.715	24.086	26.226	0
"2014-04-26	09:00:00"	6.6493	216.26	64.083	67.916	173.23	26.234	0
"2014-04-26	10:00:00"	8.5519	229.49	68.961	53.179	359.82	26.237	0
"2014-04-26	11:00:00"	11.928	258.55	76.367	27.201	598.54	26.234	0
"2014-04-26	12:00:00"	17.533	260.87	81.361	13.049	767.08	26.22	0
"2014-04-26	13:00:00"	19.066	260.64	83.757	10.5	978.08	26.187	0
"2014-04-26	14:00:00"	18.983	267.81	85.721	8.7203	767.31	26.158	0
"2014-04-26	15:00:00"	18.811	264.01	85.595	8.7211	732.67	26.137	0
"2014-04-26	16:00:00"	19.354	261.81	86.68	7.9117	769.6	26.105	0
"2014-04-26	17:00:00"	19.85	257.88	87.995	7.472	839.61	26.075	0
"2014-04-26	18:00:00"	20.787	265.34	88.352	6.1269	673.43	26.054	0
"2014-04-26	19:00:00"	18.974	260.08	87.007	5.5097	314.37	26.045	0
"2014-04-26	20:00:00"	13.228	274.66	84.299	5.8545	113.1	26.034	0
"2014-04-26	21:00:00"	10.382	262.3	81.751	6.6172	21.108	26.022	0
"2014-04-26	22:00:00"	9.9307	241.68	79.01	7.1	0.06762	26.034	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-26	23:00:00"	6.287	258.92	74.715	9.042	0.08246	26.054	0
"2014-04-27	00:00:00"	10.181	284.69	77.022	8.1825	0.06699	26.063	0
"2014-04-27	01:00:00"	12.389	303.64	76.644	9.4325	0.06656	26.075	0
"2014-04-27	02:00:00"	17.245	309.22	74.901	13.12	0.07398	26.093	0
"2014-04-27	03:00:00"	20.445	319	70.456	19.981	0.05978	26.107	0
"2014-04-27	04:00:00"	15.606	322.43	66.315	24.653	0.06847	26.128	0
"2014-04-27	05:00:00"	12.375	318.73	63.812	25.695	0.08352	26.134	0
"2014-04-27	06:00:00"	8.3506	290.38	60.627	28.954	0.07144	26.134	0
"2014-04-27	07:00:00"	9.2131	259.75	58.314	30.104	0.10747	26.14	0
"2014-04-27	08:00:00"	9.2062	292.32	57.227	24.182	48.788	26.146	0
"2014-04-27	09:00:00"	11.748	294.23	58.839	22.09	220.18	26.158	0
"2014-04-27	10:00:00"	16.026	304.21	60.848	21.527	454.69	26.146	0
"2014-04-27	11:00:00"	16.365	283.32	63.803	18.896	681.19	26.143	0
"2014-04-27	12:00:00"	18.127	293.85	66.598	15.865	879.07	26.137	0
"2014-04-27	13:00:00"	20.444	296.39	69.364	12.96	1002.1	26.113	0
"2014-04-27	14:00:00"	24.459	302.43	70.985	11.333	1069.9	26.107	0
"2014-04-27	15:00:00"	22.806	291.42	72.863	10.427	1066.5	26.087	0
"2014-04-27	16:00:00"	23.273	300.58	73.381	10.424	999.95	26.072	0
"2014-04-27	17:00:00"	21.49	307.52	73.811	11.349	859.82	26.066	0
"2014-04-27	18:00:00"	20.462	308.1	73.94	11.934	665.49	26.054	0
"2014-04-27	19:00:00"	21.235	318.53	73.61	11.682	438.37	26.066	0
"2014-04-27	20:00:00"	19.794	315.23	72.356	12.389	195.27	26.075	0
"2014-04-27	21:00:00"	17.042	300.89	70.163	13.637	14.049	26.09	0
"2014-04-27	22:00:00"	17.971	300.35	68.679	14.519	0.06656	26.122	0
"2014-04-27	23:00:00"	13.853	306.91	67.07	15.65	0.0744	26.161	0
"2014-04-28	00:00:00"	6.0677	343.3	62.505	18.827	0.07737	26.181	0
"2014-04-28	01:00:00"	5.1077	0.22005	56.958	23.434	0.06571	26.184	0
"2014-04-28	02:00:00"	6.8556	339.71	58.645	20.957	0.1009	26.205	0
"2014-04-28	03:00:00"	4.3968	329.73	53.572	25.605	0.07059	26.205	0
"2014-04-28	04:00:00"	4.116	318.2	54.523	24.791	0.09348	26.211	0
"2014-04-28	05:00:00"	3.7344	323.02	52.959	26.654	0.07207	26.223	0
"2014-04-28	06:00:00"	4.4975	272.63	52.334	27.524	0.08946	26.226	0
"2014-04-28	07:00:00"	5.5358	278.8	49.968	30.516	0.13545	26.24	0
"2014-04-28	08:00:00"	4.9088	305.16	50.692	30.483	44.486	26.267	0
"2014-04-28	09:00:00"	5.2742	317.54	55.436	26.522	214.54	26.285	0
"2014-04-28	10:00:00"	9.0074	316.8	62.958	20.992	447.86	26.294	0
"2014-04-28	11:00:00"	14.964	323.97	67.605	17.675	679.45	26.294	0
"2014-04-28	12:00:00"	17.312	334.4	69.177	15.849	876.21	26.294	0
"2014-04-28	13:00:00"	16.465	341.66	70.693	14.703	1014.1	26.27	0
"2014-04-28	14:00:00"	16.484	336.51	72.998	12.989	1087.1	26.243	0
"2014-04-28	15:00:00"	15.81	335.54	74.043	12.341	1087.8	26.223	0
"2014-04-28	16:00:00"	15.905	326.82	76.154	11.148	1013.6	26.199	0
"2014-04-28	17:00:00"	16.082	325.72	77.276	10.565	872.12	26.184	0
"2014-04-28	18:00:00"	12.237	313.42	77.84	10.33	678.23	26.169	0
"2014-04-28	19:00:00"	10.94	324.39	77.899	10.264	448.03	26.161	0
"2014-04-28	20:00:00"	9.0782	315.65	77.342	10.518	206.81	26.158	0
"2014-04-28	21:00:00"	6.113	349.83	72.935	12.183	22.767	26.178	0

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"2014-04-28	22:00:00"	6.7065	12.353	66.451	16.546	0.09306	26.22	0
"2014-04-28	23:00:00"	8.9279	17.142	65.336	17.983	0.09666	26.252	0
"2014-04-29	00:00:00"	12.685	16.505	65.866	15.747	0.06614	26.279	0
"2014-04-29	01:00:00"	18.504	14.292	64.004	10.504	0.07398	26.302	0
"2014-04-29	02:00:00"	19.988	14.763	61.864	8.9694	0.06465	26.311	0
"2014-04-29	03:00:00"	17.25	46.507	57.597	20.389	0.07038	26.329	0
"2014-04-29	04:00:00"	12.971	45.143	53.835	31.009	0.09815	26.35	0
"2014-04-29	05:00:00"	9.1404	33.706	51.046	36.2	0.08246	26.379	0
"2014-04-29	06:00:00"	6.7276	16.232	47.291	42.208	0.09475	26.406	0
"2014-04-29	07:00:00"	8.7203	19.389	46.839	44.289	0.20138	26.42	0
"2014-04-29	08:00:00"	7.6944	19.789	45.568	47.926	44.562	26.456	0
"2014-04-29	09:00:00"	14.525	48.95	49.885	43.339	216.14	26.48	0
"2014-04-29	10:00:00"	14.037	55.166	53.79	38.335	449.07	26.488	0
"2014-04-29	11:00:00"	13.373	48.63	56.997	32.369	678.11	26.491	0
"2014-04-29	12:00:00"	11.842	51.466	58.978	25.024	827.99	26.491	0
"2014-04-29	13:00:00"	11.04	60.644	60.742	19.003	1004.6	26.491	0
"2014-04-29	14:00:00"	10.179	65.235	61.824	16.509	1103.8	26.477	0
"2014-04-29	15:00:00"	9.3988	42.03	63.073	14.879	1105.8	26.468	0
"2014-04-29	16:00:00"	9.7773	24.198	64.053	13.839	788.4	26.45	0
"2014-04-29	17:00:00"	8.4718	42.055	65.061	12.585	661.26	26.438	0
"2014-04-29	18:00:00"	9.5846	17.915	66.401	11.173	695.77	26.438	0
"2014-04-29	19:00:00"	9.5685	40.377	65.894	11.171	429.41	26.441	0
"2014-04-29	20:00:00"	11.305	45.259	65.09	11.465	211.5	26.456	0
"2014-04-29	21:00:00"	9.4796	65.021	61.42	13.998	23.143	26.471	0
"2014-04-29	22:00:00"	7.2477	83.492	57.654	18.295	0.08479	26.494	0
"2014-04-29	23:00:00"	6.904	111.29	54.934	21.809	0.08182	26.509	0
"2014-04-30	00:00:00"	7.462	95.991	53.039	26.315	0.07674	26.524	0
"2014-04-30	01:00:00"	8.4662	100.15	52.543	29.045	0.08818	26.55	0
"2014-04-30	02:00:00"	10.108	88.234	51.965	31.016	0.09645	26.559	0
"2014-04-30	03:00:00"	7.7417	102.15	51.406	32.182	0.08458	26.583	0
"2014-04-30	04:00:00"	8.2443	96.83	49.938	34.99	0.07525	26.595	0
"2014-04-30	05:00:00"	10.726	76.948	48.382	37.531	0.09878	26.607	0
"2014-04-30	06:00:00"	12.835	76.193	46.662	41.194	0.08988	26.604	0
"2014-04-30	07:00:00"	11.379	68.566	44.574	45.257	0.26985	26.63	0
"2014-04-30	08:00:00"	7.7603	65.648	43.209	48.622	46.426	26.663	0
"2014-04-30	09:00:00"	10.862	73.151	45.611	45.979	213.92	26.674	0
"2014-04-30	10:00:00"	14.564	81.72	47.839	41.214	443.54	26.686	0
"2014-04-30	11:00:00"	15.442	76.615	50.044	37.796	669.51	26.68	0
"2014-04-30	12:00:00"	15.65	70.033	52.574	34.31	862.56	26.672	0
"2014-04-30	13:00:00"	14.09	70.465	55.464	30.168	1004.5	26.657	0
"2014-04-30	14:00:00"	12.282	71.683	57.892	25.895	1080	26.627	0
"2014-04-30	15:00:00"	11.592	71.044	59.91	22.864	1078.4	26.607	0
"2014-04-30	16:00:00"	9.6387	77.943	61.092	21.305	1004.5	26.58	0
"2014-04-30	17:00:00"	9.1857	77.542	62.527	20.051	861.48	26.556	0
"2014-04-30	18:00:00"	8.7936	88.098	63.296	19.221	664.65	26.542	0
"2014-04-30	19:00:00"	8.67	70.911	63.408	18.887	432.79	26.545	0
"2014-04-30	20:00:00"	9.7549	88.553	62.595	19.821	191.87	26.547	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-04-30	21:00:00"	6.8345	102.47	60.186	21.531	19.196	26.574	0
"2014-04-30	22:00:00"	3.5673	125.21	56.344	24.619	0.09603	26.595	0
"2014-04-30	23:00:00"	5.4407	121.22	54.836	25.761	0.08416	26.618	0
"2014-05-01	00:00:00"	7.6578	107.85	53.256	25.298	0.07546	26.621	0
"2014-05-01	01:00:00"	6.4078	113.43	50.413	26.86	0.07589	26.612	0
"2014-05-01	02:00:00"	5.2785	120.2	47.654	29.051	0.09793	26.612	0
"2014-05-01	03:00:00"	4.8038	112.17	48.147	27.807	0.07123	26.612	0
"2014-05-01	04:00:00"	4.4447	87.703	44.626	33.651	0.07207	26.618	0
"2014-05-01	05:00:00"	5.2027	62.749	44.071	35.231	0.07546	26.627	0
"2014-05-01	06:00:00"	6.5449	57.03	46.051	32.644	0.10578	26.633	0
"2014-05-01	07:00:00"	8.7116	53	45.748	32.965	0.18061	26.636	0
"2014-05-01	08:00:00"	9.8214	58.501	45.045	33.429	31.144	26.645	0
"2014-05-01	09:00:00"	10.588	66.314	47.943	29.743	195.76	26.645	0
"2014-05-01	10:00:00"	11.384	83.493	53.923	24.927	408.49	26.648	0
"2014-05-01	11:00:00"	8.9732	100.03	56.395	22.886	449.52	26.648	0
"2014-05-01	12:00:00"	6.489	135.03	58.708	20.122	601.89	26.642	0
"2014-05-01	13:00:00"	6.6598	107.63	60.098	18.689	706.04	26.618	0
"2014-05-01	14:00:00"	5.9577	123.38	61.635	17.381	916.84	26.589	0
"2014-05-01	15:00:00"	5.6427	105.26	62.079	17.381	660.26	26.568	0
"2014-05-01	16:00:00"	4.7087	156.77	62.823	17.627	539.87	26.553	0
"2014-05-01	17:00:00"	7.2868	217.13	62.667	18.515	545.12	26.545	0
"2014-05-01	18:00:00"	6.0447	230.42	63.018	18.694	442.22	26.542	0
"2014-05-01	19:00:00"	8.8054	219.75	62.144	20.268	289.99	26.542	0
"2014-05-01	20:00:00"	12.158	231.61	60.007	24.393	134.19	26.547	0
"2014-05-01	21:00:00"	14.73	226.55	56.704	31.352	26.496	26.562	0
"2014-05-01	22:00:00"	7.1557	235.31	53.826	37.851	0.08034	26.568	0
"2014-05-01	23:00:00"	2.076	267.8	49.94	44.051	0.08246	26.58	0
"2014-05-02	00:00:00"	2.7191	300.05	48.665	47.238	0.08946	26.574	0
"2014-05-02	01:00:00"	2.6222	320.8	46.667	49.371	0.09158	26.562	0
"2014-05-02	02:00:00"	3.7947	4.2607	43.824	55.666	0.08606	26.562	0
"2014-05-02	03:00:00"	5.0797	351.59	45.96	56.379	0.07886	26.547	0
"2014-05-02	04:00:00"	3.6928	351.74	44.449	59.665	0.0867	26.539	0
"2014-05-02	05:00:00"	7.055	349.71	43.729	61.313	0.08797	26.533	0
"2014-05-02	06:00:00"	3.8892	328	42.117	64.138	0.09921	26.536	0
"2014-05-02	07:00:00"	2.291	347.97	39.553	69.17	0.37457	26.545	0
"2014-05-02	08:00:00"	6.466	347.78	42.304	68.534	50.083	26.553	0
"2014-05-02	09:00:00"	6.8108	344.8	49.259	55.414	224.04	26.562	0
"2014-05-02	10:00:00"	6.2174	327.92	57.946	36.142	459.01	26.571	0
"2014-05-02	11:00:00"	7.0936	305.39	64.689	20.513	685.43	26.565	0
"2014-05-02	12:00:00"	7.4658	312.11	66.924	17.465	876.97	26.562	0
"2014-05-02	13:00:00"	7.4664	318.11	68.658	14.736	1019.6	26.542	0
"2014-05-02	14:00:00"	8.0095	335.95	70.236	13.108	1100.6	26.515	0
"2014-05-02	15:00:00"	7.3601	334.85	71.93	12.573	1092.8	26.494	0
"2014-05-02	16:00:00"	7.2669	316.06	73.435	12.103	1015.3	26.471	0
"2014-05-02	17:00:00"	6.3734	352.39	74.301	12.11	871.39	26.453	0
"2014-05-02	18:00:00"	6.7754	312.73	75.759	10.971	681.51	26.444	0
"2014-05-02	19:00:00"	7.7267	345.06	75.819	10.531	456.15	26.441	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-02	20:00:00"	7.4714	345.67	75.144	10.976	215.7	26.441	0
"2014-05-02	21:00:00"	2.9695	326.84	71.204	12.958	25.583	26.453	0
"2014-05-02	22:00:00"	1.8362	299.01	66.991	15.372	0.07716	26.462	0
"2014-05-02	23:00:00"	2.2898	255.03	66.233	14.95	0.06762	26.474	0
"2014-05-03	00:00:00"	2.5818	264.14	63.91	16.121	0.07419	26.477	0
"2014-05-03	01:00:00"	2.798	270.2	61.755	17.351	0.07377	26.48	0
"2014-05-03	02:00:00"	4.1253	221.8	59.847	18.554	0.07695	26.477	0
"2014-05-03	03:00:00"	5.332	221.27	57.359	20.004	0.0725	26.471	0
"2014-05-03	04:00:00"	4.5118	256.29	57.552	19.424	0.08182	26.465	0
"2014-05-03	05:00:00"	1.4571	308.07	53.995	22.181	0.07292	26.456	0
"2014-05-03	06:00:00"	1.2695	308.26	52.832	24.044	0.08522	26.462	0
"2014-05-03	07:00:00"	1.5951	314.62	52.118	25.393	0.37923	26.468	0
"2014-05-03	08:00:00"	0.91342	24.664	50.912	28.237	54.555	26.485	0
"2014-05-03	09:00:00"	5.6004	330.74	61.31	21.704	231.69	26.506	0
"2014-05-03	10:00:00"	6.3746	300.07	69.94	16.186	467.6	26.515	0
"2014-05-03	11:00:00"	8.5196	303.18	76.947	12.113	695.81	26.524	0
"2014-05-03	12:00:00"	9.3106	279.28	80.811	9.9936	889.53	26.527	0
"2014-05-03	13:00:00"	9.945	234.71	81.575	9.9739	1029.5	26.515	0
"2014-05-03	14:00:00"	8.3866	251.85	83.067	9.1133	1103.6	26.497	0
"2014-05-03	15:00:00"	10.118	239.14	84.155	8.5639	1102.9	26.48	0
"2014-05-03	16:00:00"	9.5163	236.85	85.319	7.9825	1029.5	26.459	0
"2014-05-03	17:00:00"	10.115	231.12	85.808	7.4764	888.46	26.447	0
"2014-05-03	18:00:00"	8.4637	237.3	85.901	7.3794	691.66	26.435	0
"2014-05-03	19:00:00"	10.931	223.03	85.356	7.4028	459.98	26.429	0
"2014-05-03	20:00:00"	11.845	225.03	84.476	7.3711	220.5	26.432	0
"2014-05-03	21:00:00"	7.6118	219.17	80.399	8.4622	27.957	26.441	0
"2014-05-03	22:00:00"	4.5851	211.31	73.273	11.406	0.07504	26.453	0
"2014-05-03	23:00:00"	4.7982	202.06	70.339	12.83	0.08458	26.465	0
"2014-05-04	00:00:00"	7.3875	197.76	68.516	13.587	0.07356	26.468	0
"2014-05-04	01:00:00"	7.9424	200.24	67.438	13.739	0.08585	26.477	0
"2014-05-04	02:00:00"	9.2006	207.69	66.155	14.238	0.06762	26.48	0
"2014-05-04	03:00:00"	9.7537	218.47	66.215	15.848	0.05957	26.465	0
"2014-05-04	04:00:00"	6.0751	215.01	62.638	18.107	0.07165	26.453	0
"2014-05-04	05:00:00"	5.6675	214.75	60.438	19.835	0.08734	26.456	0
"2014-05-04	06:00:00"	7.2309	216.21	59.466	21.654	0.08119	26.456	0
"2014-05-04	07:00:00"	6.6841	217.05	56.709	24.238	0.47992	26.465	0
"2014-05-04	08:00:00"	7.339	220.28	57.176	24.197	57.804	26.477	0
"2014-05-04	09:00:00"	7.572	219.85	61.809	21.298	239.19	26.488	0
"2014-05-04	10:00:00"	10.016	226.21	69.176	14.943	477.38	26.494	0
"2014-05-04	11:00:00"	9.2056	248.21	75.206	11.275	708.51	26.491	0
"2014-05-04	12:00:00"	11.776	237.43	80.924	8.7225	903.01	26.485	0
"2014-05-04	13:00:00"	12.256	251.64	84.68	7.0986	1043.5	26.465	0
"2014-05-04	14:00:00"	11.039	243.99	86.845	6.03	1117.7	26.441	0
"2014-05-04	15:00:00"	8.9459	249.82	88.691	5.2497	1116.9	26.423	0
"2014-05-04	16:00:00"	9.4374	263.53	90.358	4.7828	1038	26.397	0
"2014-05-04	17:00:00"	8.1561	279.02	91.783	4.3417	896.05	26.37	0
"2014-05-04	18:00:00"	9.5685	267.82	92.035	4.1219	702.45	26.356	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-04	19:00:00"	8.2822	280.05	91.931	4.1217	472.69	26.35	0
"2014-05-04	20:00:00"	7.0308	292.89	90.751	4.0086	232.16	26.35	0
"2014-05-04	21:00:00"	2.3277	287.67	85.517	5.2533	30.669	26.361	0
"2014-05-04	22:00:00"	1.6243	320.44	78.74	6.9845	0.07038	26.373	0
"2014-05-04	23:00:00"	1.7398	281.22	75.125	7.9133	0.08119	26.385	0
"2014-05-05	00:00:00"	3.8761	239.72	74.263	7.7861	0.07546	26.403	0
"2014-05-05	01:00:00"	13.13	206.54	73.028	15.912	0.07674	26.403	0
"2014-05-05	02:00:00"	11.666	207.75	71.283	19.391	0.07292	26.397	0
"2014-05-05	03:00:00"	9.0353	226.09	69.042	20.961	0.07313	26.388	0
"2014-05-05	04:00:00"	7.8144	230.88	67.113	22.507	0.07589	26.388	0
"2014-05-05	05:00:00"	6.8817	235.9	65.939	23.99	0.05914	26.394	0
"2014-05-05	06:00:00"	4.5677	249.46	63.807	26.196	0.07313	26.394	0
"2014-05-05	07:00:00"	5.6445	240.05	62.565	28.026	0.43138	26.4	0
"2014-05-05	08:00:00"	3.9612	270.21	60.468	30.76	57.233	26.415	0
"2014-05-05	09:00:00"	4.6839	270.01	63.085	29.868	236.37	26.423	0
"2014-05-05	10:00:00"	7.6503	262.26	68.494	24.913	472.49	26.429	0
"2014-05-05	11:00:00"	7.0898	276.4	77.963	15.928	700.79	26.426	0
"2014-05-05	12:00:00"	8.2705	327.85	86.647	7.3861	893.23	26.418	0
"2014-05-05	13:00:00"	8.9409	335.72	89.53	5.6608	1033.9	26.397	0
"2014-05-05	14:00:00"	7.6596	317.04	91.382	5.2094	1107.1	26.373	0
"2014-05-05	15:00:00"	9.9438	293.83	92.815	5.0045	1101.6	26.347	0
"2014-05-05	16:00:00"	10.342	306.65	93.523	4.9611	1026.8	26.317	0
"2014-05-05	17:00:00"	12.637	275.54	93.855	5.0911	885.49	26.291	0
"2014-05-05	18:00:00"	10.254	289.49	94.216	4.9731	685.02	26.267	0
"2014-05-05	19:00:00"	13.737	281.97	93.453	5.3969	419.37	26.264	0
"2014-05-05	20:00:00"	13.11	289.18	91.274	6.3694	223	26.267	0
"2014-05-05	21:00:00"	7.2564	282.75	86.725	8.1028	27.835	26.276	0
"2014-05-05	22:00:00"	6.9103	299.59	82.327	10.356	0.08373	26.285	0
"2014-05-05	23:00:00"	5.4034	324.8	78.835	11.037	0.06211	26.291	0
"2014-05-06	00:00:00"	6.5213	328.67	76.464	11.564	0.08182	26.288	0
"2014-05-06	01:00:00"	2.872	0.31436	69.872	14.67	0.07101	26.276	0
"2014-05-06	02:00:00"	4.8194	201.99	68.264	15.982	0.09264	26.282	0
"2014-05-06	03:00:00"	5.7309	216.25	71.596	17.175	0.06932	26.273	0
"2014-05-06	04:00:00"	3.8134	251.49	70.526	22.913	0.07843	26.261	0
"2014-05-06	05:00:00"	1.5087	325.98	65.93	26.856	0.0778	26.258	0
"2014-05-06	06:00:00"	1.4553	314.25	65.287	32.546	0.07059	26.267	0
"2014-05-06	07:00:00"	1.9797	276.42	64.743	34.68	0.45364	26.273	0
"2014-05-06	08:00:00"	1.2235	309.35	63.579	35.992	55.51	26.285	0
"2014-05-06	09:00:00"	2.9726	305.82	68.551	25.365	228.4	26.299	0
"2014-05-06	10:00:00"	7.1122	285.96	76.844	13.053	472.41	26.302	0
"2014-05-06	11:00:00"	11.703	307.68	82.796	9.4831	703.55	26.299	0
"2014-05-06	12:00:00"	13.926	313.31	84.227	9.4578	890.63	26.296	0
"2014-05-06	13:00:00"	13.048	287.28	85.119	9.5217	1030.4	26.273	0
"2014-05-06	14:00:00"	14.041	281.22	86.426	8.1889	1110.4	26.249	0
"2014-05-06	15:00:00"	16.373	270.33	87.728	7.2695	1106.3	26.226	0
"2014-05-06	16:00:00"	16.045	275.26	87.889	7.4278	1030.3	26.205	0
"2014-05-06	17:00:00"	16.237	282.23	88.714	6.9561	892.52	26.181	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-06	18:00:00"	16.303	277.33	88.537	6.515	664.93	26.181	0
"2014-05-06	19:00:00"	16.312	278.52	88.075	6.555	493.67	26.175	0
"2014-05-06	20:00:00"	14.677	285.41	86.565	7.3145	249.56	26.169	0
"2014-05-06	21:00:00"	9.1031	290.12	83.095	9.0942	28.916	26.181	0
"2014-05-06	22:00:00"	4.6211	258.47	77.675	12.058	0.06868	26.199	0
"2014-05-06	23:00:00"	7.7429	241.06	77.116	16.073	0.05872	26.208	0
"2014-05-07	00:00:00"	7.4353	224.18	75.103	18.796	0.06211	26.217	0
"2014-05-07	01:00:00"	8.3739	221.2	73.985	19.969	0.08667	26.223	0
"2014-05-07	02:00:00"	7.6789	218.87	69.976	23.37	0.08288	26.22	0
"2014-05-07	03:00:00"	6.768	231.56	69.356	25.372	0.08076	26.211	0
"2014-05-07	04:00:00"	5.8303	234.32	67.604	28.099	0.08882	26.208	0
"2014-05-07	05:00:00"	3.6735	213.14	65.107	32.697	0.06741	26.202	0
"2014-05-07	06:00:00"	4.1321	235.67	65.202	33.825	0.06529	26.199	0
"2014-05-07	07:00:00"	5.9819	222.36	64.691	35.2	0.50896	26.223	0
"2014-05-07	08:00:00"	4.3564	202.67	62.131	40.459	54.443	26.24	0
"2014-05-07	09:00:00"	6.3765	212.31	67.637	35.11	240.65	26.258	0
"2014-05-07	10:00:00"	10.547	219.82	73.978	26.975	469.79	26.261	0
"2014-05-07	11:00:00"	10.909	236.48	77.827	21.903	693.73	26.255	0
"2014-05-07	12:00:00"	10.797	235.71	80.682	19.226	886.4	26.252	0
"2014-05-07	13:00:00"	12.511	236.55	82.792	18.234	1014.6	26.229	0
"2014-05-07	14:00:00"	14.598	254.43	85.94	13.111	1103.8	26.211	0
"2014-05-07	15:00:00"	17.188	246.52	86.69	12.981	1093.7	26.196	0
"2014-05-07	16:00:00"	17.956	251.1	87.373	11.679	937.06	26.172	0
"2014-05-07	17:00:00"	18.66	260.64	88.023	9.9983	719.35	26.152	0
"2014-05-07	18:00:00"	19.72	265.1	86.982	9.9272	378.73	26.149	0
"2014-05-07	19:00:00"	18.307	263.14	86.304	10.281	281.77	26.14	0
"2014-05-07	20:00:00"	15.271	267.17	85.755	10.194	205.36	26.134	0
"2014-05-07	21:00:00"	7.7522	284.4	82.548	10.953	14.503	26.137	0
"2014-05-07	22:00:00"	6.0198	280.93	80.617	11.846	0.07504	26.187	0
"2014-05-07	23:00:00"	10.268	324.36	78.438	10.14	0.05681	26.22	0
"2014-05-08	00:00:00"	9.7071	333.61	75.797	9.4517	0.06805	26.223	0
"2014-05-08	01:00:00"	9.2216	335.59	71.92	10.626	0.07124	26.214	0
"2014-05-08	02:00:00"	6.0217	342.01	67.846	11.581	0.07144	26.232	0
"2014-05-08	03:00:00"	2.4103	3.9458	63.303	13.002	0.07864	26.249	0
"2014-05-08	04:00:00"	2.5619	176.3	61.108	14.353	0.06529	26.27	0
"2014-05-08	05:00:00"	2.3886	70.056	62.559	12.763	0.06402	26.285	0
"2014-05-08	06:00:00"	4.1464	0.45015	55.024	17.84	0.07483	26.294	0
"2014-05-08	07:00:00"	5.8757	354.67	54.974	18.209	0.57489	26.311	0
"2014-05-08	08:00:00"	7.4428	4.9264	58.024	16.888	63.969	26.338	0
"2014-05-08	09:00:00"	8.0325	17.79	64.487	14.156	247.35	26.356	0
"2014-05-08	10:00:00"	7.3409	9.4715	68.974	11.871	484.37	26.367	0
"2014-05-08	11:00:00"	7.7876	332.01	71.536	10.793	713.38	26.37	0
"2014-05-08	12:00:00"	11.73	298.48	74.216	10.185	902.39	26.364	0
"2014-05-08	13:00:00"	13.324	290.93	75.979	9.7042	1041.5	26.353	0
"2014-05-08	14:00:00"	15.401	279.62	77.465	8.4536	1116.9	26.338	0
"2014-05-08	15:00:00"	14.696	276.05	78.844	7.6342	1112	26.32	0
"2014-05-08	16:00:00"	17.557	269.55	79.638	7.6511	1032.6	26.308	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-08	17:00:00"	18.872	278.65	80.292	6.5778	894.79	26.299	0
"2014-05-08	18:00:00"	19.584	269.91	79.92	6.4997	696.41	26.299	0
"2014-05-08	19:00:00"	17.064	276.95	79.587	6.472	467.72	26.299	0
"2014-05-08	20:00:00"	15.448	293.42	77.947	7.2856	225.41	26.317	0
"2014-05-08	21:00:00"	11.591	318.71	74.577	8.7425	30.035	26.347	0
"2014-05-08	22:00:00"	8.0983	321.51	70.58	10.972	0.08776	26.367	0
"2014-05-08	23:00:00"	5.9788	323.41	67.32	12.25	0.05575	26.391	0
"2014-05-09	00:00:00"	5.5563	350.93	62.426	14.404	0.08076	26.406	0
"2014-05-09	01:00:00"	8.6936	12.192	60.483	18.121	0.06656	26.412	0
"2014-05-09	02:00:00"	9.7276	14.458	59.797	21.526	0.08161	26.406	0
"2014-05-09	03:00:00"	13.487	16.738	60.135	21.195	0.07864	26.403	0
"2014-05-09	04:00:00"	10.608	22.252	58.397	22.421	0.06253	26.412	0
"2014-05-09	05:00:00"	3.1025	332.48	55.902	24.52	0.08288	26.435	0
"2014-05-09	06:00:00"	2.2146	336.35	54.277	26.026	0.08988	26.432	0
"2014-05-09	07:00:00"	1.6143	352.55	51.166	30.049	0.73387	26.447	0
"2014-05-09	08:00:00"	3.0547	353.78	52.781	28.862	84.489	26.459	0
"2014-05-09	09:00:00"	5.5749	359.93	62.317	21.184	229.45	26.483	0
"2014-05-09	10:00:00"	4.4944	308.91	67.952	17.216	479.54	26.485	0
"2014-05-09	11:00:00"	6.6928	47.97	70.693	15.046	708.71	26.477	0
"2014-05-09	12:00:00"	5.4022	90.279	72.634	13.205	903.89	26.465	0
"2014-05-09	13:00:00"	4.9306	264.66	75.634	11.317	1016.7	26.453	0
"2014-05-09	14:00:00"	6.9065	278.09	78.383	9.5806	1050.5	26.42	0
"2014-05-09	15:00:00"	9.4448	246.36	80.182	8.5836	1125.6	26.385	0
"2014-05-09	16:00:00"	11.158	262.09	82.103	7.2217	1045.6	26.358	0
"2014-05-09	17:00:00"	13.287	264.45	83.045	6.6217	903.95	26.329	0
"2014-05-09	18:00:00"	11.391	252.84	83.034	6.6153	707.92	26.314	0
"2014-05-09	19:00:00"	12.685	251.58	83.376	6.872	474.85	26.302	0
"2014-05-09	20:00:00"	11.105	225.23	82.401	7.2244	233.87	26.296	0
"2014-05-09	21:00:00"	10.366	226.96	80.35	8.0828	35.889	26.302	0
"2014-05-09	22:00:00"	6.8133	237.53	76.423	9.4722	0.06741	26.317	0
"2014-05-09	23:00:00"	5.9273	236.88	73.532	10.501	0.07568	26.338	0
"2014-05-10	00:00:00"	7.6112	234.6	71.898	11.397	0.07207	26.347	0
"2014-05-10	01:00:00"	5.437	223.96	69.803	12.781	0.06741	26.341	0
"2014-05-10	02:00:00"	3.6468	211.24	66.482	14.999	0.0566	26.332	0
"2014-05-10	03:00:00"	3.9824	217.86	65.219	16.096	0.07483	26.314	0
"2014-05-10	04:00:00"	4.1104	245.24	63.435	17.219	0.0814	26.302	0
"2014-05-10	05:00:00"	5.0573	227.09	62.868	19.252	0.07017	26.308	0
"2014-05-10	06:00:00"	5.8664	228.21	60.877	24.488	0.07165	26.314	0
"2014-05-10	07:00:00"	5.1133	230.65	59.241	34.766	0.86403	26.317	0
"2014-05-10	08:00:00"	5.9055	234.21	58.872	46.78	65.92	26.329	0
"2014-05-10	09:00:00"	6.2796	256.61	60.71	53.583	248.39	26.35	0
"2014-05-10	10:00:00"	7.3856	260.77	66.038	43.556	485.67	26.356	0
"2014-05-10	11:00:00"	7.5397	270.05	74.195	25.816	708	26.356	0
"2014-05-10	12:00:00"	6.6232	283.29	80.513	13.807	903.03	26.341	0
"2014-05-10	13:00:00"	9.6455	262.28	83.523	9.2197	1045.3	26.317	0
"2014-05-10	14:00:00"	10.348	272.54	86.237	7.265	1118.8	26.288	0
"2014-05-10	15:00:00"	14.129	265.07	88.246	6.52	1117.4	26.255	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-10	16:00:00"	19.161	261.53	89.912	6.1253	1041.7	26.237	0
"2014-05-10	17:00:00"	18.781	261.58	90.093	5.927	896.84	26.211	0
"2014-05-10	18:00:00"	18.724	260.41	90.39	5.7969	703.57	26.193	0
"2014-05-10	19:00:00"	18.647	260.02	90.029	5.6647	474.29	26.184	0
"2014-05-10	20:00:00"	15.67	260.5	89.465	5.4086	235.71	26.181	0
"2014-05-10	21:00:00"	9.9152	259.95	86.425	6.1992	36.061	26.19	0
"2014-05-10	22:00:00"	6.7773	255.77	81.98	7.3711	0.07017	26.202	0
"2014-05-10	23:00:00"	2.0238	312.88	75.354	9.6656	0.07737	26.196	0
"2014-05-11	00:00:00"	4.0663	338.38	73.869	10.062	0.0708	26.19	0
"2014-05-11	01:00:00"	8.5557	214	74.404	13.264	0.07229	26.196	0
"2014-05-11	02:00:00"	7.9734	219.29	72.266	34.947	0.05427	26.19	0
"2014-05-11	03:00:00"	5.9353	238.13	71.178	40.755	0.0655	26.178	0
"2014-05-11	04:00:00"	5.6197	234.23	69.643	43.561	0.1079	26.172	0
"2014-05-11	05:00:00"	5.8353	209.79	66.698	53.925	0.08479	26.164	0
"2014-05-11	06:00:00"	9.0378	207.74	66.88	62.715	0.09073	26.158	0
"2014-05-11	07:00:00"	9.0664	223.63	66.055	70.647	0.82502	26.172	0
"2014-05-11	08:00:00"	7.8106	227.67	65.889	73.755	64.381	26.187	0
"2014-05-11	09:00:00"	9.9388	224.56	68.256	66.186	250.81	26.199	0
"2014-05-11	10:00:00"	10.105	233.41	73.093	40.815	490.14	26.196	0
"2014-05-11	11:00:00"	14.091	263.41	80.216	12.885	723.56	26.202	0
"2014-05-11	12:00:00"	18.327	268.53	84.832	7.8603	916.79	26.193	0
"2014-05-11	13:00:00"	16.023	247.9	85.969	7.5547	1054.5	26.181	0
"2014-05-11	14:00:00"	14.546	242.38	87.281	7.4247	1128.8	26.155	0
"2014-05-11	15:00:00"	15.58	244.6	90.045	5.6894	1126.7	26.116	0
"2014-05-11	16:00:00"	18.69	253.98	92.767	5.0456	1048.5	26.087	0
"2014-05-11	17:00:00"	19.994	237.13	93.635	5.2439	897.06	26.066	0
"2014-05-11	18:00:00"	20.049	243.25	94.383	4.9406	708.3	26.057	0
"2014-05-11	19:00:00"	18.672	257.78	94.467	4.2439	487.48	26.06	0
"2014-05-11	20:00:00"	17.403	262.12	93.138	4.2178	250.08	26.057	0
"2014-05-11	21:00:00"	9.4293	261.26	89.309	4.7628	36.056	26.069	0
"2014-05-11	22:00:00"	6.6412	247.34	85.191	5.7067	0.06953	26.102	0
"2014-05-11	23:00:00"	15.333	200.93	80.244	39.917	0.06508	26.143	0
"2014-05-12	00:00:00"	14.073	218.62	76.548	55.384	0.07928	26.178	0
"2014-05-12	01:00:00"	11.541	220.02	73.564	63.736	0.08776	26.196	0
"2014-05-12	02:00:00"	9.5604	228.13	72.175	68.694	0.08288	26.202	0
"2014-05-12	03:00:00"	4.7783	255.6	70.064	73.644	0.07377	26.205	0
"2014-05-12	04:00:00"	12.629	341.87	67.398	55.111	0.08903	26.232	0
"2014-05-12	05:00:00"	22.124	45.369	55.11	48.943	0.05957	26.276	0
"2014-05-12	06:00:00"	19.528	49.473	50.824	52.155	0.06677	26.302	0
"2014-05-12	07:00:00"	18.316	47.94	48.555	53.564	0.67876	26.332	0
"2014-05-12	08:00:00"	19.188	51.201	47.804	55.561	60.656	26.364	0
"2014-05-12	09:00:00"	18.434	47.972	49.654	52.641	242.91	26.397	0
"2014-05-12	10:00:00"	16.131	43.884	52.91	46.552	475.91	26.423	0
"2014-05-12	11:00:00"	15.73	47.231	57.129	41.055	699.37	26.441	0
"2014-05-12	12:00:00"	13.735	57.047	61.873	34.637	889.01	26.453	0
"2014-05-12	13:00:00"	11.094	54.536	66.346	28.187	1025.8	26.45	0
"2014-05-12	14:00:00"	8.2008	62.755	69.483	22.574	1098.5	26.438	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-12	15:00:00"	5.5103	56.481	72.152	19.699	1097.3	26.429	0
"2014-05-12	16:00:00"	7.3924	3.9117	74.249	18.365	1020	26.406	0
"2014-05-12	17:00:00"	6.5915	345.83	75.567	17.045	881.59	26.382	0
"2014-05-12	18:00:00"	3.1069	219.9	76.745	15.778	680.17	26.37	0
"2014-05-12	19:00:00"	3.0547	141.86	76.665	15.609	459.69	26.361	0
"2014-05-12	20:00:00"	4.1334	82.448	76.318	16.101	219.26	26.373	0
"2014-05-12	21:00:00"	8.0051	85.034	72.99	18.549	26.041	26.403	0
"2014-05-12	22:00:00"	17.827	84.249	67.998	21.723	0.06741	26.444	0
"2014-05-12	23:00:00"	21.894	78.36	61.798	25.988	0.0831	26.488	0
"2014-05-13	00:00:00"	22.062	78.907	58.449	29.129	0.05554	26.524	0
"2014-05-13	01:00:00"	21.807	83.61	55.799	31.748	0.08857	26.556	0
"2014-05-13	02:00:00"	18.57	75.469	52.923	36.216	0.08818	26.595	0
"2014-05-13	03:00:00"	18.475	67.684	49.958	40.957	0.07462	26.621	0
"2014-05-13	04:00:00"	18.4	58.557	47.906	44.834	0.06953	26.648	0
"2014-05-13	05:00:00"	18.414	47.76	46.856	46.13	0.09815	26.651	0
"2014-05-13	06:00:00"	19.338	47.31	46.661	45.609	0.10769	26.663	0
"2014-05-13	07:00:00"	15.391	61.249	46.402	46.66	0.24399	26.686	0
"2014-05-13	08:00:00"	17.092	68.013	46.195	45.052	19.211	26.707	0
"2014-05-13	09:00:00"	17.073	75.404	46.23	45.074	108.43	26.722	0
"2014-05-13	10:00:00"	16.736	77.025	47.2	42.706	219.87	26.731	0
"2014-05-13	11:00:00"	15.403	67.328	48.334	40.639	268.33	26.745	0
"2014-05-13	12:00:00"	14.635	55.458	50.007	37.494	419.23	26.745	0
"2014-05-13	13:00:00"	11.964	61.423	51.665	34.128	397.7	26.728	0
"2014-05-13	14:00:00"	11.952	59.752	53.735	31.932	356.39	26.719	0
"2014-05-13	15:00:00"	12.566	63.925	56.544	28.175	506.77	26.698	0
"2014-05-13	16:00:00"	13.805	59.412	59.253	25.377	626.81	26.677	0
"2014-05-13	17:00:00"	11.244	72.166	59.912	26.053	414.18	26.66	0
"2014-05-13	18:00:00"	12.296	59.687	61.193	23.115	379.86	26.657	0
"2014-05-13	19:00:00"	12.813	53.971	61.434	21.348	214.63	26.672	0
"2014-05-13	20:00:00"	13.316	57.067	60.136	22.21	135.11	26.683	0
"2014-05-13	21:00:00"	8.9198	67.756	57.974	23.942	37.803	26.716	0
"2014-05-13	22:00:00"	2.8024	77.4	51.843	30.17	0.06699	26.736	0
"2014-05-13	23:00:00"	2.6688	90.72	47.479	37.606	0.09348	26.766	0
"2014-05-14	00:00:00"	1.6398	45.59	44.351	45.071	0.08924	26.781	0
"2014-05-14	01:00:00"	1.5379	32.482	43.045	50.828	0.09454	26.778	0
"2014-05-14	02:00:00"	2.0014	10.97	41.047	53.915	0.09687	26.778	0
"2014-05-14	03:00:00"	2.8565	15.397	40.232	49.928	0.08076	26.778	0
"2014-05-14	04:00:00"	4.6876	20.738	39.933	44.376	0.07483	26.769	0
"2014-05-14	05:00:00"	7.1377	34.718	42.024	40.075	0.085	26.769	0
"2014-05-14	06:00:00"	5.7775	31.996	40.072	42.169	0.09539	26.778	0
"2014-05-14	07:00:00"	5.3624	7.5636	37.558	44.889	1.3516	26.784	0
"2014-05-14	08:00:00"	6.4542	12.106	39.99	40.897	75.966	26.798	0
"2014-05-14	09:00:00"	8.962	33.777	48.309	29.847	265.7	26.807	0
"2014-05-14	10:00:00"	10.591	49.635	54.351	23.879	501.66	26.822	0
"2014-05-14	11:00:00"	12.39	52.339	57.261	20.504	727.32	26.819	0
"2014-05-14	12:00:00"	10.946	48.465	58.963	18.228	915.78	26.81	0
"2014-05-14	13:00:00"	9.3398	41.484	60.526	16.99	1049.9	26.79	0

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"2014-05-14	14:00:00"	8.7489	24.54	62.153	14.808	1127.9	26.769	0
"2014-05-14	15:00:00"	9.1186	12.763	64.16	13.039	1118.5	26.748	0
"2014-05-14	16:00:00"	8.4972	25.476	65.076	11.446	1052.3	26.722	0
"2014-05-14	17:00:00"	8.7135	8.4451	66.378	10.38	912.4	26.701	0
"2014-05-14	18:00:00"	7.5354	28.608	67.077	9.8675	718.49	26.683	0
"2014-05-14	19:00:00"	7.1209	357.55	67.541	10.13	491.68	26.674	0
"2014-05-14	20:00:00"	6.1621	12.956	67.076	10.316	250.27	26.677	0
"2014-05-14	21:00:00"	3.594	27.763	64.346	11.644	42.383	26.689	0
"2014-05-14	22:00:00"	2.7036	4.6191	56.119	15.627	0.05723	26.701	0
"2014-05-14	23:00:00"	2.2593	341.08	53.682	16.962	0.08946	26.716	0
"2014-05-15	00:00:00"	2.1319	306.2	56.651	15.216	0.08352	26.713	0
"2014-05-15	01:00:00"	2.1947	281.82	53.556	17.257	0.08204	26.701	0
"2014-05-15	02:00:00"	2.7278	277.93	53.416	16.277	0.09666	26.704	0
"2014-05-15	03:00:00"	2.1419	276.3	51.517	17.45	0.0778	26.692	0
"2014-05-15	04:00:00"	0.97183	21.968	48.936	19.685	0.08543	26.68	0
"2014-05-15	05:00:00"	0.90658	14.267	48.487	19.118	0.07017	26.677	0
"2014-05-15	06:00:00"	0.95381	344.74	47.447	19.442	0.08988	26.677	0
"2014-05-15	07:00:00"	1.669	344.67	42.899	22.76	1.5362	26.683	0
"2014-05-15	08:00:00"	1.2856	38.042	44.054	23.372	76.692	26.689	0
"2014-05-15	09:00:00"	3.7724	310.19	54.965	17.245	264.27	26.698	0
"2014-05-15	10:00:00"	8.24	272.9	63.775	12.7	499.45	26.698	0
"2014-05-15	11:00:00"	11.008	251.31	67.499	11.188	724.15	26.695	0
"2014-05-15	12:00:00"	12.12	243.27	69.752	10.484	890.48	26.686	0
"2014-05-15	13:00:00"	11.02	262.07	72.24	9.7042	1052	26.669	0
"2014-05-15	14:00:00"	11.777	259.2	73.895	9.0636	1124.6	26.642	0
"2014-05-15	15:00:00"	11.487	266.01	76.028	8.3511	1111.8	26.618	0
"2014-05-15	16:00:00"	10.755	269.98	77.284	7.8408	1001.1	26.595	0
"2014-05-15	17:00:00"	8.9055	286.04	78.671	7.2628	905.17	26.568	0
"2014-05-15	18:00:00"	8.4525	272.64	79.002	7.05	711.7	26.553	0
"2014-05-15	19:00:00"	9.6897	270.84	79.174	6.9417	486.1	26.547	0
"2014-05-15	20:00:00"	6.4536	314.65	78.441	6.8422	248.6	26.545	0
"2014-05-15	21:00:00"	3.197	279.36	75.519	7.7614	42.723	26.553	0
"2014-05-15	22:00:00"	2.9447	258.19	72.362	8.5697	0.06402	26.556	0
"2014-05-15	23:00:00"	3.4113	222.72	67.639	10.383	0.07207	26.565	0
"2014-05-16	00:00:00"	5.0704	218.9	64.582	11.551	0.05321	26.559	0
"2014-05-16	01:00:00"	5.7185	219.47	61.89	12.671	0.05278	26.545	0
"2014-05-16	02:00:00"	7.1147	218.37	60.491	12.44	0.05554	26.539	0
"2014-05-16	03:00:00"	11.842	223.07	61.666	10.729	0.08967	26.533	0
"2014-05-16	04:00:00"	10.305	227.55	60.293	12.009	0.09115	26.53	0
"2014-05-16	05:00:00"	6.7711	233.8	57.678	12.993	0.08013	26.527	0
"2014-05-16	06:00:00"	6.1665	260.38	56.041	13.486	0.07525	26.518	0
"2014-05-16	07:00:00"	4.8771	236.83	54.831	14.894	1.2242	26.509	0
"2014-05-16	08:00:00"	7.2384	221.95	54.319	16.999	72.746	26.524	0
"2014-05-16	09:00:00"	6.7307	240.91	57.389	15.683	266.45	26.53	0
"2014-05-16	10:00:00"	8.7899	255.11	63.579	12.74	502.5	26.533	0
"2014-05-16	11:00:00"	8.6501	266.9	72.561	9.8625	727.05	26.53	0
"2014-05-16	12:00:00"	9.2398	280.12	80.676	7.5172	916.39	26.515	0

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"2014-05-16	13:00:00"	10.646	280.21	83.855	6.6845	1029.2	26.494	0
"2014-05-16	14:00:00"	10.558	295.64	85.826	6.1956	1087.2	26.471	0
"2014-05-16	15:00:00"	11.585	298.65	87.303	6.0006	1106.9	26.438	0
"2014-05-16	16:00:00"	11.627	288.41	88.309	5.7403	1003.5	26.418	0
"2014-05-16	17:00:00"	10.135	305.98	89.21	5.3567	898.58	26.397	0
"2014-05-16	18:00:00"	10.294	293.35	88.952	5.3811	699.34	26.382	0
"2014-05-16	19:00:00"	9.4218	323.15	87.595	5.7717	345.92	26.37	0
"2014-05-16	20:00:00"	5.8738	299.82	86.62	6.4086	200.09	26.364	0
"2014-05-16	21:00:00"	1.5311	245.55	81.781	8.0486	39.596	26.361	0
"2014-05-16	22:00:00"	1.8119	190.78	76.762	9.5856	0.06953	26.364	0
"2014-05-16	23:00:00"	3.8519	211.12	75.016	9.9981	0.06911	26.364	0
"2014-05-17	00:00:00"	4.7883	215.75	72.564	10.451	0.0761	26.361	0
"2014-05-17	01:00:00"	6.5909	217.62	70.515	11.362	0.07737	26.367	0
"2014-05-17	02:00:00"	9.4082	220.61	68.923	15.183	0.06826	26.358	0
"2014-05-17	03:00:00"	9.0447	224.27	67.254	16.703	0.09158	26.344	0
"2014-05-17	04:00:00"	8.2046	230.2	65.686	17.735	0.08691	26.338	0
"2014-05-17	05:00:00"	4.7703	337.36	62.667	20.137	0.07525	26.37	0
"2014-05-17	06:00:00"	4.7554	55.327	58.692	23.63	0.0797	26.385	0
"2014-05-17	07:00:00"	7.8268	62.69	57.197	34.722	0.46975	26.394	0
"2014-05-17	08:00:00"	11.478	55.539	57.187	48.196	38.857	26.412	0
"2014-05-17	09:00:00"	14.614	49.466	57.261	56.419	149.07	26.444	0
"2014-05-17	10:00:00"	12.222	43.816	59.365	53.13	342.84	26.471	0
"2014-05-17	11:00:00"	12.163	53.102	62.586	45.849	557.64	26.465	0
"2014-05-17	12:00:00"	10.968	67.828	67.744	35.116	868.67	26.465	0
"2014-05-17	13:00:00"	10.679	59.557	72.088	27.042	847.21	26.456	0
"2014-05-17	14:00:00"	8.2518	74.546	75.724	22.323	1095.1	26.438	0
"2014-05-17	15:00:00"	5.6141	80.23	78.746	18.823	1104.7	26.426	0
"2014-05-17	16:00:00"	5.0076	88.29	81.627	16.29	1039.8	26.406	0
"2014-05-17	17:00:00"	5.0754	106.58	84.018	14.575	889.82	26.388	0
"2014-05-17	18:00:00"	6.0316	117.89	85.21	13.434	699.94	26.379	0
"2014-05-17	19:00:00"	7.1936	143.8	85.425	12.851	473.97	26.37	0
"2014-05-17	20:00:00"	9.6194	153.13	84.414	13.671	230.95	26.37	0
"2014-05-17	21:00:00"	8.9328	151.15	81.142	15.795	39.111	26.385	0
"2014-05-17	22:00:00"	7.8405	146.29	75.984	19.714	0.05851	26.391	0
"2014-05-17	23:00:00"	9.0335	141.75	73.302	22.62	0.06063	26.4	0
"2014-05-18	00:00:00"	10.566	133.09	70.679	24.319	0.06699	26.406	0
"2014-05-18	01:00:00"	12.093	131.97	68.681	28.361	0.08034	26.409	0
"2014-05-18	02:00:00"	11.703	123.37	66.628	33.689	0.085	26.415	0
"2014-05-18	03:00:00"	10.55	114.34	63.885	41.829	0.07907	26.423	0
"2014-05-18	04:00:00"	9.5331	114.55	61.733	47.902	0.09751	26.409	0
"2014-05-18	05:00:00"	8.0778	105.51	59.268	52.153	0.08564	26.4	0
"2014-05-18	06:00:00"	8.5731	96.382	56.672	58.269	0.0708	26.4	0
"2014-05-18	07:00:00"	6.6257	108.96	55.56	64.481	1.3766	26.391	0
"2014-05-18	08:00:00"	7.5335	107.36	55.502	68.719	81.783	26.403	0
"2014-05-18	09:00:00"	7.6603	139.06	60.29	62.098	241.08	26.415	0
"2014-05-18	10:00:00"	10.425	184.08	66.502	52.827	486.05	26.418	0
"2014-05-18	11:00:00"	12.038	202.04	71.451	44.743	705.37	26.418	0

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"2014-05-18	12:00:00"	11.164	203.33	77.193	36.671	900.98	26.412	0
"2014-05-18	13:00:00"	11.162	217.1	81.221	30.717	1028.9	26.403	0
"2014-05-18	14:00:00"	10.086	227.35	84.857	25.066	1104.4	26.379	0
"2014-05-18	15:00:00"	11.421	227.28	87.734	20.416	1104.1	26.358	0
"2014-05-18	16:00:00"	10.594	234.69	91.334	14.572	1035.4	26.332	0
"2014-05-18	17:00:00"	10.84	219.33	93.31	10.963	871.07	26.308	0
"2014-05-18	18:00:00"	11.047	208.88	93.506	11.025	657.33	26.294	0
"2014-05-18	19:00:00"	14.113	204.63	93.005	11.955	376.81	26.285	0
"2014-05-18	20:00:00"	17.781	198.38	89.27	18.758	142.5	26.294	0
"2014-05-18	21:00:00"	16.932	199.49	84.799	26.228	31.296	26.317	0
"2014-05-18	22:00:00"	14.371	207.58	80.507	31.64	0.05172	26.338	0
"2014-05-18	23:00:00"	15.935	208.45	76.836	39.371	0.05851	26.356	0
"2014-05-19	00:00:00"	13.834	210.12	74.67	44.09	0.06465	26.353	0
"2014-05-19	01:00:00"	16.304	205.7	73.262	47.13	0.07504	26.353	0
"2014-05-19	02:00:00"	16.181	209.09	71.891	48.332	0.07292	26.35	0
"2014-05-19	03:00:00"	14.172	209.78	70.491	50.881	0.07207	26.341	0
"2014-05-19	04:00:00"	13.428	211.75	68.924	55.079	0.06147	26.335	0
"2014-05-19	05:00:00"	11.6	219.08	67.334	58.462	0.08182	26.335	0
"2014-05-19	06:00:00"	9.625	218.76	65.471	62.488	0.08246	26.338	0
"2014-05-19	07:00:00"	9.8251	222.8	63.658	66.636	1.8037	26.347	0
"2014-05-19	08:00:00"	9.2684	223.59	62.843	69.492	81.019	26.361	0
"2014-05-19	09:00:00"	12.59	221.21	65.004	66.086	246.64	26.373	0
"2014-05-19	10:00:00"	14.067	224.76	69.901	54.91	438.31	26.391	0
"2014-05-19	11:00:00"	12.319	230.97	73.95	46.453	635.63	26.397	0
"2014-05-19	12:00:00"	9.8413	251.25	77.491	38.713	654.75	26.397	0
"2014-05-19	13:00:00"	9.9469	257.28	82.577	27.717	836.31	26.385	0
"2014-05-19	14:00:00"	11.687	272.42	90.301	11.592	821.04	26.376	0
"2014-05-19	15:00:00"	13.441	274.96	93.134	7.515	950.47	26.364	0
"2014-05-19	16:00:00"	12.988	260.73	92.871	7.8217	789.95	26.344	0
"2014-05-19	17:00:00"	15.38	262.33	93.42	6.5267	627.71	26.335	0
"2014-05-19	18:00:00"	13.765	266.71	93.519	5.8247	554.24	26.32	0
"2014-05-19	19:00:00"	12.746	278.92	93.654	5.6703	325.05	26.314	0
"2014-05-19	20:00:00"	10.496	286.98	91.988	5.7075	133.01	26.317	0
"2014-05-19	21:00:00"	3.7127	275.2	86.459	6.4222	15.704	26.32	0
"2014-05-19	22:00:00"	9.1373	212.16	83.301	15.585	0.07843	26.344	0
"2014-05-19	23:00:00"	12.751	210.62	80.648	32.615	0.06953	26.364	0
"2014-05-20	00:00:00"	11.024	210.03	76.968	40.745	0.07546	26.382	0
"2014-05-20	01:00:00"	8.8378	217.96	74.359	46.765	0.07356	26.391	0
"2014-05-20	02:00:00"	7.2837	226.68	72.641	48.835	0.07716	26.391	0
"2014-05-20	03:00:00"	6.0925	215.3	70.415	49.85	0.06932	26.379	0
"2014-05-20	04:00:00"	5.3618	214.87	69.093	50.66	0.0761	26.37	0
"2014-05-20	05:00:00"	6.036	215.9	68.105	52.635	0.08649	26.376	0
"2014-05-20	06:00:00"	7.1277	223.1	67.402	54.915	0.06656	26.382	0
"2014-05-20	07:00:00"	7.0787	225.81	66.699	57.773	1.2024	26.397	0
"2014-05-20	08:00:00"	7.3272	224.68	65.835	60.689	77.367	26.412	0
"2014-05-20	09:00:00"	6.3069	223.74	67.663	58.719	264.81	26.426	0
"2014-05-20	10:00:00"	8.7663	222.18	71.66	51.614	496.91	26.441	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-20	11:00:00"	6.7872	255.93	77.813	37.145	718.67	26.444	0
"2014-05-20	12:00:00"	7.6777	275.24	84.37	23.373	903.1	26.441	0
"2014-05-20	13:00:00"	6.6456	258.01	89.116	12.933	1032	26.429	0
"2014-05-20	14:00:00"	7.8175	240.67	91.639	9.1645	1103.2	26.415	0
"2014-05-20	15:00:00"	9.5492	265.84	94.313	5.8628	1110	26.397	0
"2014-05-20	16:00:00"	10.288	231.37	94.799	6.9444	1027.5	26.382	0
"2014-05-20	17:00:00"	11.19	250.71	95.327	6.7278	880.88	26.367	0
"2014-05-20	18:00:00"	12.577	241.86	95.269	5.8161	666.91	26.358	0
"2014-05-20	19:00:00"	11.041	233.07	94.667	5.4772	405.88	26.35	0
"2014-05-20	20:00:00"	11.63	215.92	93.983	5.7044	269.67	26.344	0
"2014-05-20	21:00:00"	7.4863	215.17	89.835	7.6325	20.237	26.361	0
"2014-05-20	22:00:00"	11.09	206.4	84.384	25.611	0.09645	26.376	0
"2014-05-20	23:00:00"	10.181	222.88	81.162	32.576	0.08013	26.418	0
"2014-05-21	00:00:00"	5.7452	240.58	78.033	39.805	0.05363	26.429	0
"2014-05-21	01:00:00"	12.797	212.11	75.932	42.603	0.07758	26.42	0
"2014-05-21	02:00:00"	12.493	206.58	73.749	47.934	0.08606	26.412	0
"2014-05-21	03:00:00"	7.9765	197.41	71.858	51.046	0.05851	26.397	0
"2014-05-21	04:00:00"	7.4956	192.19	70.211	54.111	0.0814	26.388	0
"2014-05-21	05:00:00"	7.3403	185.9	68.715	57.3	0.08946	26.382	0
"2014-05-21	06:00:00"	6.6164	183.9	68.337	59.262	0.06911	26.391	0
"2014-05-21	07:00:00"	6.013	188.55	67.816	60.88	0.93547	26.403	0
"2014-05-21	08:00:00"	7.682	189.06	68.448	60.737	34.557	26.415	0
"2014-05-21	09:00:00"	11.841	196.84	69.209	59.92	121.89	26.438	0
"2014-05-21	10:00:00"	16.445	201.3	70.167	60.599	310.7	26.444	0
"2014-05-21	11:00:00"	14.152	197.88	72.117	58.382	425.58	26.447	0
"2014-05-21	12:00:00"	11.25	211.37	75.931	52.033	829.31	26.444	0
"2014-05-21	13:00:00"	9.8195	218.92	81.349	40.772	940.56	26.432	0
"2014-05-21	14:00:00"	8.8545	223.07	86.3	29.988	1098.5	26.415	0
"2014-05-21	15:00:00"	9.466	226.95	89.307	23.626	1014.5	26.4	0
"2014-05-21	16:00:00"	8.4842	227.65	90.216	21.513	663.07	26.385	0
"2014-05-21	17:00:00"	11.195	252.6	88.511	22.819	181	26.385	0
"2014-05-21	18:00:00"	8.9111	317.35	84.602	23.248	323.38	26.367	0
"2014-05-21	19:00:00"	16.217	175.16	84.492	21.912	535.47	26.353	0
"2014-05-21	20:00:00"	9.7822	189.96	84.662	18.865	213.27	26.356	0
"2014-05-21	21:00:00"	14.667	190.6	83.19	26.533	17.868	26.364	0
"2014-05-21	22:00:00"	12.882	186.9	80.416	35.489	0.08903	26.388	0
"2014-05-21	23:00:00"	10.105	189.01	77.756	39.224	0.07907	26.429	0
"2014-05-22	00:00:00"	5.7135	128.04	74.576	44.615	0.06762	26.444	0
"2014-05-22	01:00:00"	5.8626	135.85	72.979	47.769	0.0725	26.441	0
"2014-05-22	02:00:00"	6.9146	140.49	71.956	49.783	0.07949	26.435	0
"2014-05-22	03:00:00"	11.048	160.8	71.758	51.311	0.07123	26.423	0
"2014-05-22	04:00:00"	10.079	166.33	70.446	54.476	0.06529	26.423	0
"2014-05-22	05:00:00"	9.4007	172.92	68.408	60.384	0.08225	26.426	0
"2014-05-22	06:00:00"	9.0844	161.52	67.366	64.826	0.08331	26.426	0
"2014-05-22	07:00:00"	7.5204	172.29	67.266	69.079	1.6202	26.447	0
"2014-05-22	08:00:00"	5.8831	164.58	68.405	74.13	13.254	26.453	0
"2014-05-22	09:00:00"	10.298	175.68	69.18	76.081	123.42	26.459	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-22	10:00:00"	16.453	182.61	71.512	69.914	422.97	26.471	0
"2014-05-22	11:00:00"	16.823	191.68	73.616	63.519	598.26	26.474	0
"2014-05-22	12:00:00"	15.38	189.96	74.437	61.479	479.14	26.485	0
"2014-05-22	13:00:00"	13.336	179.74	76.302	57.631	632.69	26.491	0
"2014-05-22	14:00:00"	14.497	189.11	74.799	59.771	202.38	26.509	0
"2014-05-22	15:00:00"	13.312	204.51	73.427	63.342	206.54	26.497	0
"2014-05-22	16:00:00"	9.6194	194.01	75.033	57.629	352.63	26.45	0
"2014-05-22	17:00:00"	10.527	144.16	76.21	51.571	117.14	26.447	0
"2014-05-22	18:00:00"	8.5749	125.96	77.336	47.181	92.007	26.415	0
"2014-05-22	19:00:00"	11.215	161.6	77.95	47.548	75.583	26.441	0
"2014-05-22	20:00:00"	7.2912	211.19	77.606	46.809	64.496	26.45	0
"2014-05-22	21:00:00"	5.0058	354.98	71.486	56.413	24.338	26.462	0
"2014-05-22	22:00:00"	2.5706	60.972	68.15	62.879	0.09857	26.471	0
"2014-05-22	23:00:00"	3.7114	52.52	67.714	65.735	0.07589	26.485	0
"2014-05-23	00:00:00"	2.0928	69.127	68.273	65.681	0.07546	26.48	0
"2014-05-23	01:00:00"	2.0412	143.58	68.33	66.704	0.06465	26.48	0
"2014-05-23	02:00:00"	5.9956	174.84	69.755	66.565	0.09073	26.462	0
"2014-05-23	03:00:00"	3.8475	171.85	69.107	69.264	0.07928	26.465	0
"2014-05-23	04:00:00"	3.1125	48.196	66.37	74.446	0.07483	26.459	0
"2014-05-23	05:00:00"	8.9477	58.952	64.703	74.831	0.08331	26.453	0
"2014-05-23	06:00:00"	8.7079	77.025	62.793	79.007	0.06444	26.453	0
"2014-05-23	07:00:00"	8.7414	71.934	61.843	82.289	0.33302	26.483	0
"2014-05-23	08:00:00"	9.3168	60.691	62.368	83.953	27.367	26.488	0
"2014-05-23	09:00:00"	11.509	63.031	64.331	82.082	138.99	26.497	0
"2014-05-23	10:00:00"	13.137	70.613	66.13	76.512	251.83	26.509	0
"2014-05-23	11:00:00"	12.127	76.931	68.435	68.884	425.51	26.5	0
"2014-05-23	12:00:00"	10.686	83.441	71.33	62.73	777.09	26.503	0
"2014-05-23	13:00:00"	8.6159	106.15	74.19	55.157	709.82	26.488	0
"2014-05-23	14:00:00"	8.6023	110.35	76.491	49.614	876.14	26.462	0
"2014-05-23	15:00:00"	8.46	108.33	78.278	44.496	895.44	26.441	0
"2014-05-23	16:00:00"	8.4948	114.34	80.146	40.626	793.88	26.423	0
"2014-05-23	17:00:00"	9.0701	97.754	79.461	42.094	120.1	26.403	0
"2014-05-23	18:00:00"	12.183	97.299	79.022	44.016	284.34	26.382	0
"2014-05-23	19:00:00"	10.54	103.86	76.006	56.897	172.17	26.4	0
"2014-05-23	20:00:00"	11.889	111.13	75.098	54.704	78.058	26.394	0
"2014-05-23	21:00:00"	13.52	118.67	73.656	54.912	2.5845	26.412	0
"2014-05-23	22:00:00"	14.614	123.43	68.763	71.566	0.08416	26.444	0.44
"2014-05-23	23:00:00"	13.814	129.08	64.951	85.032	0.09094	26.444	0
"2014-05-24	00:00:00"	12.166	123.66	65.212	83.247	0.06995	26.435	0
"2014-05-24	01:00:00"	12.772	144.74	64.987	82.301	0.08055	26.418	0
"2014-05-24	02:00:00"	14.332	160.36	64.533	83.249	0.06868	26.403	0
"2014-05-24	03:00:00"	11.576	168.18	63.879	84.803	0.0672	26.385	0
"2014-05-24	04:00:00"	9.3485	165.03	63.239	86.337	0.07419	26.388	0
"2014-05-24	05:00:00"	8.6762	144.14	63.225	86.785	0.07525	26.391	0
"2014-05-24	06:00:00"	7.2408	163.48	64.441	86.221	0.06677	26.406	0
"2014-05-24	07:00:00"	7.4477	166.47	65.743	85.023	0.33535	26.406	0
"2014-05-24	08:00:00"	10.233	179.76	67.376	82.586	2.7975	26.418	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-24	09:00:00"	9.6232	144.59	65.022	82.69	9.187	26.456	0
"2014-05-24	10:00:00"	17.388	59.535	57.716	85.682	30.955	26.477	0.02
"2014-05-24	11:00:00"	16.757	80.993	58.172	88.045	215.52	26.48	0.02
"2014-05-24	12:00:00"	15.528	84.176	59.98	85.586	196.81	26.456	0.03
"2014-05-24	13:00:00"	15.386	92.02	64.127	80.251	713.8	26.456	0
"2014-05-24	14:00:00"	15.759	99.67	67.328	69.243	842.46	26.426	0
"2014-05-24	15:00:00"	16.3	108.91	70.557	61.16	1037.8	26.42	0
"2014-05-24	16:00:00"	15.934	105.16	70.988	59.608	1025.9	26.406	0
"2014-05-24	17:00:00"	13.553	113.79	71.942	59.738	625.77	26.385	0
"2014-05-24	18:00:00"	12.742	107.36	71.779	60.511	603.04	26.37	0
"2014-05-24	19:00:00"	12.554	120.7	71.319	62.317	310.45	26.358	0
"2014-05-24	20:00:00"	12.268	119.17	69.51	69.393	89.502	26.35	0
"2014-05-24	21:00:00"	11.738	128.75	68.583	74.967	40.863	26.35	0
"2014-05-24	22:00:00"	10.362	130.98	67.271	78.053	0.07462	26.326	0
"2014-05-24	23:00:00"	11.29	136.82	66.035	83.289	0.07652	26.358	0
"2014-05-25	00:00:00"	8.4699	135.91	65.1	86.532	0.06974	26.376	0
"2014-05-25	01:00:00"	6.1379	20.766	63.635	84.05	0.08182	26.394	0
"2014-05-25	02:00:00"	8.0791	42.469	60.579	80.061	0.08288	26.394	0
"2014-05-25	03:00:00"	5.5538	62.292	60.675	82.022	0.08034	26.373	0
"2014-05-25	04:00:00"	4.9411	75.191	61.07	82.656	0.08564	26.37	0
"2014-05-25	05:00:00"	6.4293	103.61	60.66	81.907	0.07123	26.382	0
"2014-05-25	06:00:00"	7.7131	115.6	61.907	83.794	0.08543	26.388	0
"2014-05-25	07:00:00"	8.3953	122.66	62.567	87.421	0.16492	26.406	0.01
"2014-05-25	08:00:00"	7.559	109.63	62.394	88.175	12.397	26.415	0
"2014-05-25	09:00:00"	12.007	118.87	61.504	86.627	42.31	26.447	0
"2014-05-25	10:00:00"	12.854	123	60.753	86.96	119.84	26.456	0
"2014-05-25	11:00:00"	13.74	142.85	61.523	84.842	215.24	26.447	0
"2014-05-25	12:00:00"	14.334	176.23	63.23	78.714	317.13	26.456	0
"2014-05-25	13:00:00"	15.519	174.05	66.732	64.905	604.88	26.459	0
"2014-05-25	14:00:00"	15.282	169.3	70.315	54.621	971.36	26.438	0
"2014-05-25	15:00:00"	12.831	184.34	73.361	48.287	1081.8	26.418	0
"2014-05-25	16:00:00"	12.411	186.15	75.763	42.904	1021.9	26.397	0
"2014-05-25	17:00:00"	9.4436	187.45	76.949	38.138	795.58	26.382	0
"2014-05-25	18:00:00"	7.9654	184.65	77.989	31.083	454.25	26.37	0
"2014-05-25	19:00:00"	10.953	188.1	77.461	35.09	344.51	26.367	0
"2014-05-25	20:00:00"	14.969	185.84	75.378	45.146	231.13	26.37	0
"2014-05-25	21:00:00"	13.34	184.15	71.515	56.249	8.0573	26.394	0
"2014-05-25	22:00:00"	12.725	189.95	69.551	63.548	0.10684	26.415	0
"2014-05-25	23:00:00"	9.3168	184.87	67.652	68.824	0.10345	26.441	0
"2014-05-26	00:00:00"	8.5687	177.96	65.824	71.388	0.0602	26.435	0
"2014-05-26	01:00:00"	8.729	176.06	65.213	71.116	0.08456	26.447	0
"2014-05-26	02:00:00"	9.3355	186.24	64.993	75.012	0.06889	26.441	0
"2014-05-26	03:00:00"	8.9974	184.01	64.994	77.502	0.06974	26.447	0
"2014-05-26	04:00:00"	8.6576	171.41	64.467	77.35	0.06529	26.423	0
"2014-05-26	05:00:00"	9.3603	170.82	63.843	78.142	0.07546	26.409	0
"2014-05-26	06:00:00"	7.902	179.88	63.279	80.793	0.07038	26.429	0
"2014-05-26	07:00:00"	3.484	12.459	63.363	83.43	0.1592	26.447	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-26	08:00:00"	7.2545	87.702	61.499	89.245	21.742	26.462	0
"2014-05-26	09:00:00"	8.4345	95.61	61.107	89.915	67.455	26.468	0
"2014-05-26	10:00:00"	9.7568	99.15	60.773	89.797	293.8	26.459	0.01
"2014-05-26	11:00:00"	9.456	124.69	63.375	84.91	569.41	26.459	0
"2014-05-26	12:00:00"	7.6777	136.36	67.044	75.117	881.24	26.462	0
"2014-05-26	13:00:00"	6.4852	155.75	71.29	62.16	971.22	26.444	0
"2014-05-26	14:00:00"	6.8705	176.47	75.876	45.779	881.19	26.418	0
"2014-05-26	15:00:00"	11.087	304.99	79.956	30.712	617.87	26.406	0
"2014-05-26	16:00:00"	11.534	292.64	80.885	27.049	591.16	26.391	0
"2014-05-26	17:00:00"	10.408	305.58	80.373	28.288	526.2	26.382	0
"2014-05-26	18:00:00"	8.6308	341.9	79.055	31.957	340.05	26.385	0
"2014-05-26	19:00:00"	11.4	344.07	79.007	30.728	328.27	26.391	0
"2014-05-26	20:00:00"	8.8166	349.86	78.095	31.293	259.47	26.403	0
"2014-05-26	21:00:00"	4.4291	4.0284	75.18	35.754	52.43	26.423	0
"2014-05-26	22:00:00"	4.6007	39.667	68.919	48.082	0.1787	26.447	0
"2014-05-26	23:00:00"	7.6632	92.722	64.32	61.936	0.05851	26.468	0
"2014-05-27	00:00:00"	6.4654	104.75	62.17	74.342	0.08649	26.471	0
"2014-05-27	01:00:00"	4.2471	114.25	61.03	83.836	0.06699	26.456	0
"2014-05-27	02:00:00"	1.843	115.78	59.47	87.615	0.0831	26.447	0
"2014-05-27	03:00:00"	2.534	287.5	58.972	88.524	0.07334	26.438	0
"2014-05-27	04:00:00"	3.0683	339.4	56.126	90.156	0.07207	26.438	0
"2014-05-27	05:00:00"	3.1982	330.21	56.351	90.211	0.08755	26.438	0
"2014-05-27	06:00:00"	1.5926	343.65	55.5	90.562	0.07017	26.435	0
"2014-05-27	07:00:00"	3.1137	333.95	56.881	90.615	2.5359	26.447	0
"2014-05-27	08:00:00"	4.1744	324.91	56.841	87.343	78.518	26.456	0
"2014-05-27	09:00:00"	5.9801	321.41	62.045	72.083	262.84	26.459	0
"2014-05-27	10:00:00"	7.4571	328.22	70.245	47.731	495.81	26.471	0
"2014-05-27	11:00:00"	10.435	347	76.943	32.04	707.59	26.465	0
"2014-05-27	12:00:00"	11.49	8.0703	80.429	27.035	889.02	26.465	0
"2014-05-27	13:00:00"	12.257	2.844	82.788	23.661	1020	26.468	0
"2014-05-27	14:00:00"	12.516	7.3736	84.658	21.651	1087.7	26.453	0
"2014-05-27	15:00:00"	12.546	13.276	86.047	20.873	1084.1	26.435	0
"2014-05-27	16:00:00"	13.76	19.604	86.971	19.538	1017.7	26.426	0
"2014-05-27	17:00:00"	12.842	22.78	87.455	19.314	885.72	26.42	0
"2014-05-27	18:00:00"	12.829	25.615	87.598	19.1	699.95	26.415	0
"2014-05-27	19:00:00"	11.92	27.418	87.179	19.525	490.47	26.412	0
"2014-05-27	20:00:00"	11.076	39.953	86.003	21.107	264.98	26.42	0
"2014-05-27	21:00:00"	8.1145	61.576	82.899	23.771	57.791	26.441	0
"2014-05-27	22:00:00"	4.3782	68.827	76.41	31.61	0.17064	26.453	0
"2014-05-27	23:00:00"	4.3658	85.402	71.347	41.636	0.07356	26.474	0
"2014-05-28	00:00:00"	7.8914	108.7	71.869	46.58	0.09391	26.485	0
"2014-05-28	01:00:00"	7.293	114.76	68.173	56.954	0.08204	26.485	0
"2014-05-28	02:00:00"	6.2168	106.1	66.552	63.316	0.08437	26.485	0
"2014-05-28	03:00:00"	3.4909	64.539	63.2	70.933	0.085	26.485	0
"2014-05-28	04:00:00"	2.6458	39.695	60.206	78.638	0.05193	26.488	0
"2014-05-28	05:00:00"	2.2637	30.204	59.968	80.804	0.06847	26.491	0
"2014-05-28	06:00:00"	4.2247	70.893	58.821	83.151	0.07186	26.491	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-28"	07:00:00"	1.9797	30.571	57.634	85.04	3.6408	26.506	0
"2014-05-28"	08:00:00"	1.7398	11.045	59.144	83.632	87.102	26.524	0
"2014-05-28"	09:00:00"	2.0847	33.838	65.497	69.962	274.36	26.539	0
"2014-05-28"	10:00:00"	2.8036	104.11	70.431	55.731	501.55	26.545	0
"2014-05-28"	11:00:00"	4.2409	112.57	74.498	43.718	713.25	26.545	0
"2014-05-28"	12:00:00"	5.4196	108.06	77.617	36.02	892.95	26.539	0
"2014-05-28"	13:00:00"	6.7282	73.198	80.471	31.092	1022.1	26.524	0
"2014-05-28"	14:00:00"	8.1567	72.607	82.886	26.121	1087.7	26.509	0
"2014-05-28"	15:00:00"	9.2758	52.8	84.783	23.101	1092.5	26.488	0
"2014-05-28"	16:00:00"	11.031	63.426	86.22	21.055	1021.5	26.468	0
"2014-05-28"	17:00:00"	10.716	80.398	86.972	19.627	887.54	26.45	0
"2014-05-28"	18:00:00"	11.711	85.388	87.216	18.488	709.03	26.435	0
"2014-05-28"	19:00:00"	10.112	90.329	86.722	19.454	493.56	26.429	0
"2014-05-28"	20:00:00"	10.445	93.996	85.141	21.003	265.1	26.435	0
"2014-05-28"	21:00:00"	8.8353	109	82.536	25.486	55.826	26.453	0
"2014-05-28"	22:00:00"	6.9929	119.54	77.768	31.824	0.15157	26.465	0
"2014-05-28"	23:00:00"	5.9813	123.83	73.234	37.405	0.07525	26.48	0
"2014-05-29"	00:00:00"	6.1298	126.42	71.667	40.781	0.05193	26.477	0
"2014-05-29"	01:00:00"	5.5824	125.98	70.008	43.208	0.08776	26.477	0
"2014-05-29"	02:00:00"	5.5507	134.93	68.607	48.055	0.06232	26.468	0
"2014-05-29"	03:00:00"	6.4275	149.46	68.717	51.793	0.06762	26.462	0
"2014-05-29"	04:00:00"	5.204	137.63	66.909	56.886	0.08182	26.459	0
"2014-05-29"	05:00:00"	2.4656	122.78	65.237	62.148	0.085	26.465	0
"2014-05-29"	06:00:00"	1.3695	30.705	61.954	68.148	0.07886	26.465	0
"2014-05-29"	07:00:00"	1.2185	17.908	60.224	72.623	3.2458	26.477	0
"2014-05-29"	08:00:00"	1.4876	103.09	62.733	69.467	84.378	26.485	0
"2014-05-29"	09:00:00"	3.2063	147.54	69.856	55.753	271.13	26.485	0
"2014-05-29"	10:00:00"	4.9219	159.8	74.541	46.215	496.14	26.497	0
"2014-05-29"	11:00:00"	5.9496	151.18	78.232	37.274	706.78	26.494	0
"2014-05-29"	12:00:00"	7.3595	111.94	80.243	30.939	887.33	26.485	0
"2014-05-29"	13:00:00"	8.2226	129.1	81.781	28.498	1017.6	26.474	0
"2014-05-29"	14:00:00"	8.3288	116.39	83.562	26.493	1086.1	26.456	0
"2014-05-29"	15:00:00"	9.3653	106.52	84.985	24.622	1055.4	26.441	0
"2014-05-29"	16:00:00"	9.3783	102.16	85.771	22.749	920.2	26.426	0
"2014-05-29"	17:00:00"	7.8349	116.42	85.784	22.74	554.14	26.415	0
"2014-05-29"	18:00:00"	7.6795	108.32	86.041	22.004	701.23	26.406	0
"2014-05-29"	19:00:00"	8.1698	123.31	86.083	21.762	406.43	26.4	0
"2014-05-29"	20:00:00"	7.6646	118.61	85.13	22.507	223.68	26.412	0
"2014-05-29"	21:00:00"	6.041	117.05	83.228	25.175	38.659	26.42	0
"2014-05-29"	22:00:00"	6.2553	126.02	79.226	31.563	0.09052	26.429	0
"2014-05-29"	23:00:00"	6.5648	157.03	77.167	35.746	0.07462	26.444	0
"2014-05-30"	00:00:00"	8.5184	167.93	75.926	38.885	0.05978	26.444	0
"2014-05-30"	01:00:00"	9.0099	166.08	74.208	42.837	0.06995	26.444	0
"2014-05-30"	02:00:00"	7.8535	169.95	72.665	46.812	0.06381	26.441	0
"2014-05-30"	03:00:00"	6.4125	172.57	70.893	50.205	0.07377	26.432	0
"2014-05-30"	04:00:00"	5.8222	174.69	70.465	51.972	0.08924	26.432	0
"2014-05-30"	05:00:00"	3.8662	188.38	69.137	54.849	0.06253	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-05-30"	06:00:00"	3.732	212.58	68.597	56.653	0.06487	26.441	0
"2014-05-30"	07:00:00"	1.3633	25.017	66.083	61.237	5.3654	26.456	0
"2014-05-30"	08:00:00"	1.1918	318.95	66.454	61.553	60.088	26.465	0
"2014-05-30"	09:00:00"	3.9271	255.12	71.461	52.895	250.75	26.48	0
"2014-05-30"	10:00:00"	8.542	214.36	74.897	46.869	479.18	26.485	0
"2014-05-30"	11:00:00"	6.827	200.53	78.822	39.159	698.08	26.483	0
"2014-05-30"	12:00:00"	5.5513	187.3	81.609	30.736	875.06	26.48	0
"2014-05-30"	13:00:00"	6.3293	181.26	83.416	26.994	996.13	26.474	0
"2014-05-30"	14:00:00"	6.6126	170.1	85.495	25.577	1055.8	26.459	0
"2014-05-30"	15:00:00"	5.9012	141.56	86.866	22.964	955.66	26.441	0
"2014-05-30"	16:00:00"	7.4303	174.08	88.222	21.432	962.34	26.423	0
"2014-05-30"	17:00:00"	7.5217	131	88.172	21.574	591.88	26.412	0
"2014-05-30"	18:00:00"	6.1615	132.45	88.46	21.045	592.13	26.397	0
"2014-05-30"	19:00:00"	6.4511	126.75	88.688	21.306	443.19	26.394	0
"2014-05-30"	20:00:00"	4.5329	130.78	87.425	22.367	85.273	26.4	0
"2014-05-30"	21:00:00"	8.0318	181.48	84.915	26.388	7.2722	26.435	0
"2014-05-30"	22:00:00"	12.178	269.08	75.065	50.026	0.08034	26.388	0.03
"2014-05-30"	23:00:00"	4.5969	178.87	76.625	44.83	0.07207	26.432	0
"2014-05-31"	00:00:00"	1.4944	115.63	73.132	58.347	0.0708	26.441	0
"2014-05-31"	01:00:00"	1.3012	46.529	70.629	61.978	0.08479	26.435	0
"2014-05-31"	02:00:00"	1.2142	13.96	68.294	67.091	0.06868	26.429	0
"2014-05-31"	03:00:00"	2.1748	67.888	68.218	61.636	0.08288	26.432	0
"2014-05-31"	04:00:00"	1.8753	76.768	67.756	59.007	0.0831	26.429	0
"2014-05-31"	05:00:00"	2.5041	113.23	66.247	61.67	0.08458	26.432	0
"2014-05-31"	06:00:00"	3.6847	117.58	66.074	61.324	0.07758	26.447	0
"2014-05-31"	07:00:00"	2.9559	79.982	61.769	73.187	3.1475	26.456	0
"2014-05-31"	08:00:00"	4.6615	107.51	64.264	69.083	100.29	26.465	0
"2014-05-31"	09:00:00"	7.1141	155.43	71.494	55.065	286.75	26.48	0
"2014-05-31"	10:00:00"	9.3877	183.28	76.532	42.934	490.89	26.477	0
"2014-05-31"	11:00:00"	10.183	187.68	80.84	34.157	703.65	26.48	0
"2014-05-31"	12:00:00"	9.4088	200.81	83.947	28.928	880.36	26.477	0
"2014-05-31"	13:00:00"	8.1878	216.71	87.031	25.4	1010	26.462	0
"2014-05-31"	14:00:00"	7.3284	205.35	88.634	23.166	1078.6	26.45	0
"2014-05-31"	15:00:00"	5.4855	209.23	90.826	20.891	976.86	26.429	0
"2014-05-31"	16:00:00"	6.4455	231.71	92.459	19.417	1016.6	26.409	0
"2014-05-31"	17:00:00"	5.7048	233.65	93.332	17.684	887.69	26.388	0
"2014-05-31"	18:00:00"	6.2479	224.22	93.902	17.204	637.83	26.37	0
"2014-05-31"	19:00:00"	6.3237	280.68	94.724	16.479	499.95	26.361	0
"2014-05-31"	20:00:00"	7.3769	176.45	93.809	17.37	278.48	26.353	0
"2014-05-31"	21:00:00"	14.753	168.14	90.074	23.412	54.494	26.358	0
"2014-05-31"	22:00:00"	15.439	169.83	86.15	29.891	0.21028	26.376	0
"2014-05-31"	23:00:00"	15.638	167.29	83.217	35.933	0.05575	26.394	0
"2014-06-01"	00:00:00"	14.544	167.11	81.103	39.732	0.08712	26.397	0
"2014-06-01"	01:00:00"	11.225	172.79	78.917	44.499	0.0797	26.4	0
"2014-06-01"	02:00:00"	10.035	177.59	77.071	49.012	0.07886	26.4	0
"2014-06-01"	03:00:00"	11.878	180.83	75.915	50.816	0.08458	26.391	0
"2014-06-01"	04:00:00"	10.606	181.8	74.266	52.738	0.05893	26.385	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-01	05:00:00"	9.8158	178.42	72.716	55.734	0.07589	26.379	0
"2014-06-01	06:00:00"	8.4127	178.77	71.128	58.811	0.06847	26.379	0
"2014-06-01	07:00:00"	7.5615	180.77	69.93	61.557	3.1343	26.385	0
"2014-06-01	08:00:00"	7.0992	183.08	69.838	62.927	83.812	26.391	0
"2014-06-01	09:00:00"	13.458	198.73	74.023	59.021	266.68	26.406	0
"2014-06-01	10:00:00"	15.903	199.58	78.306	49.721	488.51	26.406	0
"2014-06-01	11:00:00"	15.783	205.4	82.312	41.761	701.11	26.397	0
"2014-06-01	12:00:00"	15.22	208.73	86.951	32.904	881.6	26.388	0
"2014-06-01	13:00:00"	13.712	221.23	90.868	25.007	1013.7	26.385	0
"2014-06-01	14:00:00"	11.48	224.99	93.348	21.563	1079.8	26.364	0
"2014-06-01	15:00:00"	11.26	226.73	95.258	18.953	1081.4	26.338	0
"2014-06-01	16:00:00"	10.857	217.68	97.234	16.966	1010.2	26.314	0
"2014-06-01	17:00:00"	13.141	205.09	98.896	15.671	886.75	26.288	0
"2014-06-01	18:00:00"	11.766	223.22	99.913	13.508	694.58	26.267	0
"2014-06-01	19:00:00"	15.806	208.28	99.014	14.719	382.38	26.255	0
"2014-06-01	20:00:00"	19.948	193.94	95.718	19.255	129.73	26.255	0
"2014-06-01	21:00:00"	18.014	195.91	92.851	22.354	36.906	26.276	0
"2014-06-01	22:00:00"	15.933	198.33	89.339	27.044	0.2584	26.291	0
"2014-06-01	23:00:00"	18.184	200.72	86.329	31.974	0.06847	26.305	0
"2014-06-02	00:00:00"	17.149	203.19	83.61	35.676	0.07101	26.308	0
"2014-06-02	01:00:00"	12.788	210.22	80.899	40.286	0.05321	26.305	0
"2014-06-02	02:00:00"	12.704	211.23	78.795	44.209	0.05405	26.299	0
"2014-06-02	03:00:00"	10.673	211.93	76.81	48.953	0.07123	26.299	0
"2014-06-02	04:00:00"	8.4972	210.91	74.916	53.252	0.08522	26.299	0
"2014-06-02	05:00:00"	8.2835	212.95	72.853	58.728	0.10514	26.305	0
"2014-06-02	06:00:00"	10.051	222.53	71.859	62.106	0.06232	26.305	0
"2014-06-02	07:00:00"	7.3229	230.67	70.138	66.062	3.4406	26.323	0
"2014-06-02	08:00:00"	6.379	250.7	69.507	68.277	89.461	26.344	0
"2014-06-02	09:00:00"	8.5351	245.14	72.31	63.551	280.89	26.364	0
"2014-06-02	10:00:00"	8.4935	255.2	76.578	53.686	509.48	26.376	0
"2014-06-02	11:00:00"	6.3572	293.31	82.895	37.699	724.08	26.385	0
"2014-06-02	12:00:00"	5.739	326.26	88.772	24.284	910.45	26.385	0
"2014-06-02	13:00:00"	9.6511	29.978	92.728	19.663	1028.4	26.388	0
"2014-06-02	14:00:00"	11.187	43.329	94.456	20.788	1071.1	26.379	0
"2014-06-02	15:00:00"	10.917	59.855	96.147	19.66	1103.9	26.367	0
"2014-06-02	16:00:00"	8.9626	44.774	98.082	15.371	1036.4	26.35	0
"2014-06-02	17:00:00"	6.9165	50.024	99.124	12.336	901.33	26.344	0
"2014-06-02	18:00:00"	5.7458	58.707	99.657	11.936	692.04	26.338	0
"2014-06-02	19:00:00"	6.4268	84.544	99.45	13.341	505.49	26.338	0
"2014-06-02	20:00:00"	7.1408	75.555	98.164	14.69	274.37	26.35	0
"2014-06-02	21:00:00"	8.5501	98.348	95.466	18.706	57.297	26.367	0
"2014-06-02	22:00:00"	11.051	111.58	90.641	29.691	0.13588	26.379	0
"2014-06-02	23:00:00"	14.059	160.7	87.87	35.998	0.08288	26.412	0
"2014-06-03	00:00:00"	14.886	177.39	84.755	39.069	0.04812	26.423	0
"2014-06-03	01:00:00"	14.434	179.91	81.731	42.847	0.06762	26.42	0
"2014-06-03	02:00:00"	11.682	179	78.985	45.722	0.0761	26.42	0
"2014-06-03	03:00:00"	10.217	181.22	76.575	49.537	0.09052	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-03	04:00:00"	8.7091	181.38	74.615	53.683	0.0708	26.42	0
"2014-06-03	05:00:00"	7.5913	178.28	72.688	57.982	0.09115	26.42	0
"2014-06-03	06:00:00"	7.1427	173.45	71.006	61.994	0.06953	26.429	0
"2014-06-03	07:00:00"	8.9776	164.05	70.149	64.599	4.3946	26.432	0
"2014-06-03	08:00:00"	9.4305	159.95	69.652	67.048	95.176	26.444	0
"2014-06-03	09:00:00"	12.173	187.36	71.818	66.567	273.01	26.459	0
"2014-06-03	10:00:00"	11.031	184.4	75.357	60.355	509.28	26.462	0
"2014-06-03	11:00:00"	11.376	189.18	79.364	52.011	709.58	26.459	0
"2014-06-03	12:00:00"	11.103	182.34	83.716	43.462	899.44	26.456	0
"2014-06-03	13:00:00"	12.545	183.05	87.491	35.614	1029.3	26.441	0
"2014-06-03	14:00:00"	11.349	186.29	89.878	30.939	1097	26.423	0
"2014-06-03	15:00:00"	12.28	192.17	92.335	25.318	1098.8	26.4	0
"2014-06-03	16:00:00"	12.765	189.89	94.432	21.92	1025.5	26.379	0
"2014-06-03	17:00:00"	13.128	198.45	95.75	19.431	894.93	26.364	0
"2014-06-03	18:00:00"	13.739	204.37	96.004	18.945	707.2	26.356	0
"2014-06-03	19:00:00"	14.303	198.67	95.232	21.082	479.86	26.353	0
"2014-06-03	20:00:00"	15.305	191.81	93.272	23.276	275.59	26.347	0
"2014-06-03	21:00:00"	17.635	184.46	89.463	30.283	43.948	26.341	0
"2014-06-03	22:00:00"	16.924	187.5	85.024	37.553	0.15665	26.353	0
"2014-06-03	23:00:00"	16.941	194.95	81.836	41.497	0.0708	26.37	0
"2014-06-04	00:00:00"	17.723	199.96	78.909	46.086	0.08331	26.367	0
"2014-06-04	01:00:00"	16.171	203.91	76.773	51.008	0.0831	26.361	0
"2014-06-04	02:00:00"	15.449	207.87	75.206	55.733	0.08013	26.353	0
"2014-06-04	03:00:00"	13.853	212.84	73.883	58.876	0.08882	26.347	0
"2014-06-04	04:00:00"	11.034	210.37	72.699	61.01	0.08055	26.329	0
"2014-06-04	05:00:00"	10.459	209.96	71.469	63.498	0.06487	26.32	0
"2014-06-04	06:00:00"	8.7383	215.13	70.549	65.222	0.07652	26.332	0
"2014-06-04	07:00:00"	5.9881	226.12	69.593	66.894	1.9689	26.338	0
"2014-06-04	08:00:00"	7.1004	220.3	69.615	67.071	89.457	26.338	0
"2014-06-04	09:00:00"	12.915	218.25	72.602	61.286	277.18	26.35	0
"2014-06-04	10:00:00"	9.9742	220.28	76.996	52.691	498.41	26.356	0
"2014-06-04	11:00:00"	8.1915	233.15	82.43	42.298	713.93	26.35	0
"2014-06-04	12:00:00"	8.1698	247.52	88.419	32.6	897.63	26.344	0
"2014-06-04	13:00:00"	8.4364	257.73	93.691	24.861	1028.8	26.338	0
"2014-06-04	14:00:00"	7.4813	243.44	97.28	19.973	1098.2	26.32	0
"2014-06-04	15:00:00"	6.8686	221.83	99.363	16.439	1099.9	26.296	0
"2014-06-04	16:00:00"	6.5418	228.09	101.56	13.345	1015	26.279	0
"2014-06-04	17:00:00"	8.3916	208.77	102.5	12.667	891.87	26.258	0
"2014-06-04	18:00:00"	10.744	210.03	102.9	12.339	715.81	26.243	0
"2014-06-04	19:00:00"	12.972	213.04	102.06	13.462	502.29	26.24	0
"2014-06-04	20:00:00"	17.479	202.18	99.731	15.556	279.35	26.249	0
"2014-06-04	21:00:00"	19.034	196.45	95.424	18.058	61.042	26.255	0
"2014-06-04	22:00:00"	17.315	195.75	90.622	22.378	0.23805	26.267	0
"2014-06-04	23:00:00"	15.438	194.53	86.756	26.521	0.07059	26.285	0
"2014-06-05	00:00:00"	13.972	208.83	83.391	32.245	0.07334	26.299	0
"2014-06-05	01:00:00"	15.503	206.22	80.595	38.721	0.07419	26.302	0
"2014-06-05	02:00:00"	13.51	214.87	78.097	45.348	0.04558	26.299	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-05	03:00:00"	11.763	215.17	76.282	49.546	0.08076	26.288	0
"2014-06-05	04:00:00"	10.796	213.98	74.538	52.463	0.05935	26.282	0
"2014-06-05	05:00:00"	8.5786	219.8	73.145	54.967	0.07504	26.276	0
"2014-06-05	06:00:00"	6.9538	232.95	71.781	57.854	0.06593	26.27	0
"2014-06-05	07:00:00"	7.7243	215.68	69.746	62.418	3.8981	26.276	0
"2014-06-05	08:00:00"	8.8856	226.37	70.203	62.675	91.074	26.282	0
"2014-06-05	09:00:00"	11.667	218.8	74.29	55.319	278.84	26.294	0
"2014-06-05	10:00:00"	9.9929	217.49	78.008	48.057	501.4	26.305	0
"2014-06-05	11:00:00"	6.8562	232.88	82.538	39.633	715.12	26.302	0
"2014-06-05	12:00:00"	4.4341	263.67	88.384	29.294	896.1	26.305	0
"2014-06-05	13:00:00"	3.883	72.921	93.105	21.621	1028.2	26.296	0
"2014-06-05	14:00:00"	7.8784	84.43	96.895	16.731	1091.4	26.285	0
"2014-06-05	15:00:00"	6.8593	85.571	99.355	13.275	1096.5	26.267	0
"2014-06-05	16:00:00"	6.4082	117.01	100.69	12.866	1023.5	26.249	0
"2014-06-05	17:00:00"	6.2876	140.83	101.88	12.521	891.39	26.229	0
"2014-06-05	18:00:00"	7.2887	180.79	102.99	11.363	665.76	26.214	0
"2014-06-05	19:00:00"	10.53	185.87	102.05	11.349	230.63	26.208	0
"2014-06-05	20:00:00"	20.784	190.73	98.308	16.169	86.001	26.205	0
"2014-06-05	21:00:00"	18.572	189.88	93.891	22.367	38.869	26.255	0
"2014-06-05	22:00:00"	14.648	181.76	88.673	31.518	1.5375	26.264	0.01
"2014-06-05	23:00:00"	15.619	192.18	85.525	36.889	0.06974	26.288	0
"2014-06-06	00:00:00"	16.765	192.21	82.799	41.667	0.05427	26.294	0
"2014-06-06	01:00:00"	16.976	196.88	80.301	48.586	0.08373	26.291	0
"2014-06-06	02:00:00"	13.883	197.47	77.964	54.974	0.07801	26.288	0
"2014-06-06	03:00:00"	11.696	199.61	76.151	59.082	0.06338	26.273	0
"2014-06-06	04:00:00"	9.3025	224.41	74.59	62.178	0.06995	26.276	0
"2014-06-06	05:00:00"	7.4639	212.61	73.182	65.214	0.06762	26.276	0
"2014-06-06	06:00:00"	7.7	197.88	72.375	66.927	0.08119	26.276	0
"2014-06-06	07:00:00"	6.9003	192.22	71.651	68.098	2.4668	26.294	0
"2014-06-06	08:00:00"	7.3042	168.96	71.725	68.012	91.386	26.329	0
"2014-06-06	09:00:00"	9.9376	125.63	73.957	63.984	277.66	26.341	0
"2014-06-06	10:00:00"	13.188	165.83	77.849	56.317	497.43	26.332	0
"2014-06-06	11:00:00"	13.081	177.81	81.769	48.744	707.78	26.323	0
"2014-06-06	12:00:00"	12.619	180.1	85.603	41.122	883.23	26.326	0
"2014-06-06	13:00:00"	12.965	170.81	89.4	34.298	1011.9	26.317	0
"2014-06-06	14:00:00"	13.916	177.24	92.229	29.646	1078.2	26.302	0
"2014-06-06	15:00:00"	14.858	185.56	94.472	25.701	1077.4	26.279	0
"2014-06-06	16:00:00"	16.069	188.49	95.501	23.409	1010	26.261	0
"2014-06-06	17:00:00"	17.539	188.8	96.103	23.036	879.38	26.243	0
"2014-06-06	18:00:00"	18.619	190.46	95.345	23.439	712.08	26.223	0
"2014-06-06	19:00:00"	22.164	189.91	92.423	26.73	209.58	26.243	0
"2014-06-06	20:00:00"	19.859	206.05	90.844	22.682	74.062	26.217	0
"2014-06-06	21:00:00"	24.465	193.45	86.845	33.572	39.982	26.22	0
"2014-06-06	22:00:00"	21.733	194.19	84.53	37.684	1.7348	26.252	0
"2014-06-06	23:00:00"	21.389	196.23	81.768	44.015	0.07843	26.264	0
"2014-06-07	00:00:00"	20.096	199.14	79.609	49.478	0.09921	26.282	0
"2014-06-07	01:00:00"	19.701	201.29	78.104	52.667	0.05851	26.273	0

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"2014-06-07	02:00:00"	15.788	179.42	77.333	54.031	0.06147	26.276	0
"2014-06-07	03:00:00"	12.933	161.89	76.597	55.503	0.06635	26.288	0
"2014-06-07	04:00:00"	12.005	159.64	75.675	56.671	0.05872	26.294	0
"2014-06-07	05:00:00"	13.981	166.97	74.686	58.284	0.06741	26.296	0
"2014-06-07	06:00:00"	12.19	171.23	73.311	61.608	0.07101	26.296	0
"2014-06-07	07:00:00"	12.164	175.68	71.838	65.849	2.3557	26.294	0
"2014-06-07	08:00:00"	12.432	169.48	71.621	67.964	78.315	26.329	0
"2014-06-07	09:00:00"	16.29	176.46	73.122	64.143	264.2	26.353	0
"2014-06-07	10:00:00"	14.146	167.47	74.876	60.349	420.12	26.376	0
"2014-06-07	11:00:00"	14.431	168.36	76.828	56.104	602	26.361	0
"2014-06-07	12:00:00"	12.483	175.54	79.904	48.966	870.14	26.37	0
"2014-06-07	13:00:00"	9.5132	168.73	82.977	42.717	971.46	26.358	0
"2014-06-07	14:00:00"	8.3574	168.4	86.075	37.646	1060.1	26.344	0
"2014-06-07	15:00:00"	7.7106	173.17	88.863	33.242	1078.5	26.323	0
"2014-06-07	16:00:00"	7.006	182.39	91.136	29.445	1006.9	26.308	0
"2014-06-07	17:00:00"	7.8802	174.44	92.684	27.869	695.39	26.288	0
"2014-06-07	18:00:00"	9.3703	170.8	92.669	28.134	417.42	26.267	0
"2014-06-07	19:00:00"	13.127	161.67	91.617	30.476	171.35	26.267	0
"2014-06-07	20:00:00"	17.023	174.59	89.044	34.559	146.68	26.267	0
"2014-06-07	21:00:00"	13.148	160.46	85.623	42.526	54.171	26.282	0
"2014-06-07	22:00:00"	12.37	175.44	83.097	45.25	0.35634	26.308	0
"2014-06-07	23:00:00"	13.711	174.42	80.606	48.539	0.06232	26.308	0
"2014-06-08	00:00:00"	12.094	181.79	79.211	50.441	0.06105	26.326	0
"2014-06-08	01:00:00"	13.324	186.47	78.684	51.043	0.06236	26.332	0
"2014-06-08	02:00:00"	9.008	145.07	77.565	53.154	0.0744	26.364	0
"2014-06-08	03:00:00"	15.076	101.2	71.004	67.977	0.07229	26.382	0
"2014-06-08	04:00:00"	16.558	67.397	65.538	80.319	0.09603	26.37	0
"2014-06-08	05:00:00"	14.365	86.085	63.848	77.663	0.06359	26.361	0
"2014-06-08	06:00:00"	13.896	103.49	63.347	81.884	0.09115	26.367	0
"2014-06-08	07:00:00"	9.9568	109.7	63.184	81.463	0.58125	26.382	0
"2014-06-08	08:00:00"	7.7907	95.387	63.745	78.934	27.735	26.412	0
"2014-06-08	09:00:00"	6.6052	98.795	64.771	75.215	38.803	26.441	0
"2014-06-08	10:00:00"	7.7205	127.11	65.251	73.752	60.631	26.415	0
"2014-06-08	11:00:00"	8.5345	157.04	67.385	70.648	306.97	26.423	0
"2014-06-08	12:00:00"	10.069	95.493	68.127	67.761	115.24	26.447	0
"2014-06-08	13:00:00"	8.4301	105.07	65.494	82.208	218.21	26.435	0.02
"2014-06-08	14:00:00"	8.8067	125.42	67.564	78.245	382.21	26.42	0
"2014-06-08	15:00:00"	10.499	97.026	68.453	75.118	397.32	26.391	0
"2014-06-08	16:00:00"	10.61	112.43	72.562	65.138	699.19	26.361	0
"2014-06-08	17:00:00"	11.195	123.55	75.727	59.186	512.01	26.344	0
"2014-06-08	18:00:00"	12.417	153.2	79.371	51.073	591.67	26.299	0
"2014-06-08	19:00:00"	13.3	171.03	81.33	48.048	375.74	26.285	0
"2014-06-08	20:00:00"	12.33	153.57	80.485	50.116	41.882	26.282	0
"2014-06-08	21:00:00"	10.035	116.09	78.354	56.303	1.5057	26.317	0
"2014-06-08	22:00:00"	13.165	145.73	76.751	63.202	0.10133	26.332	0
"2014-06-08	23:00:00"	13.415	193.54	74.834	64.179	0.07843	26.305	0
"2014-06-09	00:00:00"	11.908	202.93	72.983	65.905	0.07631	26.291	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-09	01:00:00"	15.173	214.5	72.027	70.604	0.06359	26.282	0
"2014-06-09	02:00:00"	13.696	222.11	70.701	75.289	0.06889	26.27	0
"2014-06-09	03:00:00"	10.793	236.81	69.697	78.926	0.05766	26.261	0
"2014-06-09	04:00:00"	8.4202	244.18	68.968	80.883	0.05702	26.258	0
"2014-06-09	05:00:00"	10.151	146.43	68.418	81.215	0.08055	26.338	0
"2014-06-09	06:00:00"	18.212	77.831	61.05	73.733	0.06211	26.364	0
"2014-06-09	07:00:00"	15.078	81.545	60.555	73.654	1.5424	26.37	0
"2014-06-09	08:00:00"	13.726	70.521	60.773	74.331	33.97	26.403	0
"2014-06-09	09:00:00"	18.187	54.19	62.112	68.048	148.33	26.423	0
"2014-06-09	10:00:00"	18.631	54.358	63.857	59.592	329.17	26.438	0
"2014-06-09	11:00:00"	15.495	59.908	66.568	51.902	573.34	26.456	0
"2014-06-09	12:00:00"	14.456	47.602	69.661	45.384	868.82	26.462	0
"2014-06-09	13:00:00"	14.167	46.423	72.323	36.758	1033.1	26.456	0
"2014-06-09	14:00:00"	13.748	53.057	74.273	31.644	1099.7	26.441	0
"2014-06-09	15:00:00"	8.839	42.775	76.33	28.43	1101.9	26.426	0
"2014-06-09	16:00:00"	9.2342	31.755	77.706	26.375	1039.9	26.406	0
"2014-06-09	17:00:00"	10.051	13.091	79.884	22.888	911.8	26.403	0
"2014-06-09	18:00:00"	9.7884	17.886	80.297	22.165	732.29	26.397	0
"2014-06-09	19:00:00"	9.1049	36.248	80.255	22.098	519.81	26.391	0
"2014-06-09	20:00:00"	9.0447	61.473	79.503	21.504	293.67	26.382	0
"2014-06-09	21:00:00"	6.077	79.308	77.512	22.583	64.539	26.397	0
"2014-06-09	22:00:00"	4.8399	99.149	73.125	27.556	0.48671	26.412	0
"2014-06-09	23:00:00"	5.7073	101.6	70.468	30.766	0.07101	26.438	0
"2014-06-10	00:00:00"	3.9271	117.82	67.984	33.395	0.06699	26.453	0
"2014-06-10	01:00:00"	7.8019	87.864	64.054	41.728	0.07356	26.462	0
"2014-06-10	02:00:00"	9.1068	88.123	62.682	50.502	0.08543	26.459	0
"2014-06-10	03:00:00"	6.1584	88.219	59.677	59.128	0.07165	26.459	0
"2014-06-10	04:00:00"	4.8013	78.91	56.616	67.146	0.07186	26.459	0
"2014-06-10	05:00:00"	5.1108	71.505	55.113	72.427	0.07356	26.462	0
"2014-06-10	06:00:00"	5.5482	66.928	54.517	74.779	0.06126	26.465	0
"2014-06-10	07:00:00"	5.6961	57.112	54.089	75.912	3.8307	26.474	0
"2014-06-10	08:00:00"	4.6174	40.526	56.33	70.263	89.905	26.494	0
"2014-06-10	09:00:00"	7.3626	62.831	61.895	55.421	280.23	26.506	0
"2014-06-10	10:00:00"	7.2433	89.554	66.477	44.517	506.17	26.509	0
"2014-06-10	11:00:00"	4.3011	118.45	70.697	35.004	721.35	26.509	0
"2014-06-10	12:00:00"	4.5292	196.89	75.007	27.271	902.75	26.5	0
"2014-06-10	13:00:00"	7.5497	238.01	78.04	25.357	1034.9	26.483	0
"2014-06-10	14:00:00"	7.7653	235.56	80.17	24.58	1103.9	26.465	0
"2014-06-10	15:00:00"	6.8885	225.89	82.545	22.231	1108.7	26.435	0
"2014-06-10	16:00:00"	6.0807	273.3	85.827	18.963	1042.7	26.415	0
"2014-06-10	17:00:00"	6.1839	225.7	87.023	17.493	914.28	26.388	0
"2014-06-10	18:00:00"	5.7576	237.29	88.754	16.095	734.24	26.367	0
"2014-06-10	19:00:00"	5.1021	231.63	89.707	15.214	521.35	26.353	0
"2014-06-10	20:00:00"	6.0242	214.21	89.207	15.319	290.62	26.356	0
"2014-06-10	21:00:00"	5.1077	201.6	87.394	16.317	61.818	26.356	0
"2014-06-10	22:00:00"	4.4105	175.82	83.486	18.742	0.41675	26.356	0
"2014-06-10	23:00:00"	5.6458	148.04	79.285	21.571	0.09158	26.361	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-11	00:00:00"	9.5604	183.77	77.791	24.375	0.05278	26.379	0
"2014-06-11	01:00:00"	7.2508	188.77	75.023	28.614	0.0566	26.367	0
"2014-06-11	02:00:00"	6.3398	187.79	73.076	32.803	0.09052	26.364	0
"2014-06-11	03:00:00"	5.6551	184.57	72.049	35.167	0.07822	26.353	0
"2014-06-11	04:00:00"	4.2427	185.66	70.787	36.003	0.06995	26.344	0
"2014-06-11	05:00:00"	3.3946	164.06	68.777	38.887	0.06423	26.341	0
"2014-06-11	06:00:00"	3.6294	166.36	67.193	41.886	0.07716	26.335	0
"2014-06-11	07:00:00"	6.2566	175.22	67.738	44.926	3.684	26.335	0
"2014-06-11	08:00:00"	7.1675	187.13	68.331	45.759	104.25	26.338	0
"2014-06-11	09:00:00"	11.009	212.04	74.01	39.074	287.33	26.35	0
"2014-06-11	10:00:00"	11.394	217.72	78.282	34.042	390.74	26.344	0
"2014-06-11	11:00:00"	8.7153	224.37	82.749	29.042	618.68	26.341	0
"2014-06-11	12:00:00"	8.3817	254.8	89.118	22.004	873.7	26.341	0
"2014-06-11	13:00:00"	8.9198	291.36	93.288	18.343	991.74	26.332	0
"2014-06-11	14:00:00"	6.8618	275.49	96.851	15.421	989.26	26.305	0.1
"2014-06-11	15:00:00"	10.763	300.76	100	11.716	753.68	26.294	0
"2014-06-11	16:00:00"	7.3651	288.76	99.56	11.073	578.64	26.273	0
"2014-06-11	17:00:00"	5.8726	314.09	100.01	10.927	848.67	26.249	0
"2014-06-11	18:00:00"	5.3985	262.58	101.38	9.7003	682.92	26.232	0
"2014-06-11	19:00:00"	8.8086	256.41	99.658	10.132	189.31	26.223	0
"2014-06-11	20:00:00"	7.9355	256.58	99.547	10.455	237.42	26.223	0
"2014-06-11	21:00:00"	3.2547	228.96	96.709	11.385	43.671	26.226	0
"2014-06-11	22:00:00"	5.1182	123.92	91.919	15.328	0.28108	26.24	0
"2014-06-11	23:00:00"	11.679	137.08	88.126	19.168	0.08119	26.258	0
"2014-06-12	00:00:00"	10.7	119.68	83.321	29.35	0.05299	26.273	0
"2014-06-12	01:00:00"	11.38	126.41	80.523	37.001	0.09306	26.279	0
"2014-06-12	02:00:00"	9.694	135.08	77.601	43.723	0.08119	26.291	0
"2014-06-12	03:00:00"	3.6866	43.908	74.076	49.515	0.0672	26.291	0
"2014-06-12	04:00:00"	2.9459	49.786	71.283	53.371	0.07144	26.288	0
"2014-06-12	05:00:00"	2.808	22.467	70.067	53.961	0.08119	26.299	0
"2014-06-12	06:00:00"	3.4958	353.11	69.214	53.996	0.06317	26.299	0
"2014-06-12	07:00:00"	4.0197	311.77	68.367	55.354	2.6377	26.329	0
"2014-06-12	08:00:00"	12.37	352.14	69.24	59.071	95.722	26.358	0
"2014-06-12	09:00:00"	15.334	4.9831	70.808	53.583	294.88	26.391	0
"2014-06-12	10:00:00"	17.644	6.1728	73.509	50.934	554.67	26.418	0
"2014-06-12	11:00:00"	15.208	17.565	74.843	48.903	423.51	26.447	0
"2014-06-12	12:00:00"	16.287	13.453	77.133	46.088	834.53	26.453	0
"2014-06-12	13:00:00"	14.584	12.825	80.714	41.171	1002.7	26.45	0
"2014-06-12	14:00:00"	14.774	20.583	83.151	38.413	1062.4	26.45	0
"2014-06-12	15:00:00"	14.549	19.809	84.781	36.445	1049.6	26.438	0
"2014-06-12	16:00:00"	11.143	36.043	86.73	34.122	994.67	26.435	0
"2014-06-12	17:00:00"	11.184	39.184	87.777	33.447	860.29	26.432	0
"2014-06-12	18:00:00"	12.328	29.666	87.794	35.191	674.16	26.42	0
"2014-06-12	19:00:00"	13.683	40.191	86.045	38.431	465.38	26.423	0
"2014-06-12	20:00:00"	13.089	38.33	83.907	40.879	249.99	26.432	0
"2014-06-12	21:00:00"	13.32	48.329	81.079	45.915	62.306	26.447	0
"2014-06-12	22:00:00"	12.652	51.888	77.892	51.467	0.47038	26.459	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-12	23:00:00"	12.968	62.537	75.532	57.435	0.08204	26.483	0
"2014-06-13	00:00:00"	15.926	70.968	73.114	64.119	0.0744	26.5	0
"2014-06-13	01:00:00"	14.07	73.525	70.628	68.568	0.06891	26.509	0
"2014-06-13	02:00:00"	13.602	75.044	69.183	71.724	0.06974	26.515	0
"2014-06-13	03:00:00"	12.102	70.853	67.704	75.607	0.07017	26.512	0
"2014-06-13	04:00:00"	9.9916	79.642	67.62	76.23	0.08585	26.524	0
"2014-06-13	05:00:00"	8.061	92.464	68.19	74.933	0.05787	26.524	0
"2014-06-13	06:00:00"	7.9573	73.44	67.973	75.919	0.0708	26.521	0
"2014-06-13	07:00:00"	6.2877	64.89	66.675	79.496	2.4836	26.533	0
"2014-06-13	08:00:00"	9.9711	82.154	68.171	79.178	86.795	26.539	0
"2014-06-13	09:00:00"	10.148	96.665	68.78	78.199	67.366	26.553	0
"2014-06-13	10:00:00"	10.346	92.655	68.266	82.163	174.97	26.547	0
"2014-06-13	11:00:00"	10.198	107.8	71.55	70.671	322.83	26.533	0
"2014-06-13	12:00:00"	8.7613	130.59	74.537	62.882	429.79	26.524	0
"2014-06-13	13:00:00"	6.855	169.53	75.965	59.827	497.54	26.506	0
"2014-06-13	14:00:00"	7.6708	161.39	79.186	52.638	1026.1	26.465	0
"2014-06-13	15:00:00"	9.9127	139.72	83.535	43.638	1060	26.432	0
"2014-06-13	16:00:00"	11.825	147.67	87.706	34.057	961.27	26.403	0
"2014-06-13	17:00:00"	9.8823	153.15	88.937	31.99	501.48	26.376	0
"2014-06-13	18:00:00"	12.331	153.17	89.94	30.497	353.73	26.353	0
"2014-06-13	19:00:00"	13.167	140.51	90.137	30.019	224.8	26.344	0
"2014-06-13	20:00:00"	11.894	146.53	89.71	28.953	78.622	26.323	0
"2014-06-13	21:00:00"	12.475	161.51	87.791	31.202	3.7226	26.397	0.08
"2014-06-13	22:00:00"	16.793	91.651	77.243	47.733	0.07165	26.485	0.13
"2014-06-13	23:00:00"	11.679	310.66	68.915	70.437	0.07419	26.488	0.02
"2014-06-14	00:00:00"	5.8396	75.939	67.611	76.674	0.07568	26.438	0
"2014-06-14	01:00:00"	8.6286	146.5	67.616	76.539	0.0742	26.397	0.01
"2014-06-14	02:00:00"	8.5532	149.81	67.87	72.105	0.06253	26.406	0
"2014-06-14	03:00:00"	10.277	151.01	68.018	69.829	0.08437	26.406	0
"2014-06-14	04:00:00"	5.8974	167.61	66.859	75.092	0.06974	26.403	0
"2014-06-14	05:00:00"	4.0482	180.78	65.785	80.34	0.06169	26.4	0
"2014-06-14	06:00:00"	9.4772	185.32	66.086	79.547	0.06889	26.367	0
"2014-06-14	07:00:00"	16.309	192.15	66.321	78.623	2.9552	26.358	0
"2014-06-14	08:00:00"	14.269	194.18	66.038	80.691	85.355	26.356	0
"2014-06-14	09:00:00"	12.413	194.34	68.626	77.41	283.7	26.356	0
"2014-06-14	10:00:00"	13.154	190.26	71.651	69.711	498.91	26.356	0
"2014-06-14	11:00:00"	12.122	210.23	75.584	59.725	693.9	26.347	0
"2014-06-14	12:00:00"	11.697	210.61	80.951	48.251	860.11	26.338	0
"2014-06-14	13:00:00"	13.309	220.92	87.308	32.266	921.72	26.323	0
"2014-06-14	14:00:00"	12.232	220.95	91.57	26.092	1064.1	26.299	0
"2014-06-14	15:00:00"	11.525	228.96	94.229	21.819	1076.6	26.27	0
"2014-06-14	16:00:00"	12.411	207.53	95.512	18.543	748.62	26.24	0
"2014-06-14	17:00:00"	10.442	210.07	96.895	15.395	806.89	26.226	0
"2014-06-14	18:00:00"	9.8667	237.02	99.026	13.43	775.74	26.211	0
"2014-06-14	19:00:00"	17.095	202.19	96.026	18.107	557.93	26.199	0
"2014-06-14	20:00:00"	18.371	179.15	91.356	24.967	259.62	26.196	0
"2014-06-14	21:00:00"	15.027	179.15	90.5	22.338	48.14	26.205	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-14	22:00:00"	13.419	168.51	87.118	21.09	0.49879	26.234	0
"2014-06-14	23:00:00"	14.876	171.38	83.985	25.186	0.07017	26.255	0
"2014-06-15	00:00:00"	9.484	182.9	81.589	32.038	0.0672	26.288	0
"2014-06-15	01:00:00"	12.97	175.97	77.978	41.794	0.07398	26.288	0
"2014-06-15	02:00:00"	14.116	180.73	75.164	47.289	0.06783	26.288	0
"2014-06-15	03:00:00"	9.1547	190.45	73.793	51.614	0.07059	26.285	0
"2014-06-15	04:00:00"	9.3063	187.59	73.527	56.595	0.07886	26.282	0
"2014-06-15	05:00:00"	8.6004	185.11	72.543	60.894	0.06741	26.279	0
"2014-06-15	06:00:00"	6.7021	190.77	71.114	64.2	0.07398	26.288	0
"2014-06-15	07:00:00"	3.4412	227.19	68.704	70.052	4.088	26.308	0
"2014-06-15	08:00:00"	3.4753	232.82	68.27	72.678	100.14	26.326	0
"2014-06-15	09:00:00"	5.7384	234.8	72.365	65.17	296.38	26.344	0
"2014-06-15	10:00:00"	6.9979	264.16	78.223	49.587	519.26	26.361	0
"2014-06-15	11:00:00"	9.3933	322.45	82.976	30.72	733.95	26.361	0
"2014-06-15	12:00:00"	8.6861	347.05	86.317	23.012	915.52	26.373	0
"2014-06-15	13:00:00"	7.5764	352.24	89.684	19.08	1040.4	26.37	0
"2014-06-15	14:00:00"	6.4809	345.66	92.889	13.248	1098.7	26.367	0
"2014-06-15	15:00:00"	5.3767	310.84	95.236	11.011	1090.9	26.35	0
"2014-06-15	16:00:00"	8.0436	240.29	97.786	8.3647	1033.7	26.335	0
"2014-06-15	17:00:00"	8.1076	243.96	98.007	9.7789	895.54	26.311	0
"2014-06-15	18:00:00"	4.6721	194.84	97.691	10.009	712.7	26.296	0
"2014-06-15	19:00:00"	6.6045	221.73	98.496	10.074	493.77	26.282	0
"2014-06-15	20:00:00"	8.4357	186.85	98.084	10.263	297.24	26.279	0
"2014-06-15	21:00:00"	5.6657	187.89	96.323	11.058	69.383	26.294	0
"2014-06-15	22:00:00"	8.6265	111.01	91.192	22.499	0.6777	26.311	0
"2014-06-15	23:00:00"	18.456	140.33	87.545	35.494	0.06889	26.353	0
"2014-06-16	00:00:00"	23.283	153.21	83.69	45.773	0.0744	26.364	0
"2014-06-16	01:00:00"	22.159	166.86	81.793	49.122	0.07314	26.364	0
"2014-06-16	02:00:00"	19.317	168.19	80.808	48.894	0.07631	26.35	0
"2014-06-16	03:00:00"	12.739	178.49	79.248	47.783	0.08055	26.35	0
"2014-06-16	04:00:00"	9.8319	191.72	77.826	45.526	0.08119	26.364	0
"2014-06-16	05:00:00"	6.8661	192.02	75.96	44.589	0.08564	26.364	0
"2014-06-16	06:00:00"	8.5184	170.08	74.13	46.663	0.07674	26.382	0
"2014-06-16	07:00:00"	10.799	158.52	74.464	46.068	2.1257	26.397	0
"2014-06-16	08:00:00"	11.84	163.78	74.914	47.065	80.294	26.412	0
"2014-06-16	09:00:00"	13.162	181.18	76.916	45.459	275.23	26.429	0
"2014-06-16	10:00:00"	14.777	185.01	78.026	47.987	314.88	26.435	0
"2014-06-16	11:00:00"	14.81	186.42	79.71	47.326	465.96	26.435	0
"2014-06-16	12:00:00"	13.281	190.13	82.613	40.924	469.85	26.429	0
"2014-06-16	13:00:00"	11.848	189.97	85.654	33.886	619.86	26.423	0
"2014-06-16	14:00:00"	9.6542	193.37	89.419	23.615	650.91	26.415	0
"2014-06-16	15:00:00"	6.4442	208.98	91.425	17.633	542.79	26.394	0
"2014-06-16	16:00:00"	8.0294	197.72	92.215	17.462	539.88	26.376	0
"2014-06-16	17:00:00"	8.9521	185.41	93.25	15.117	534.82	26.353	0
"2014-06-16	18:00:00"	9.3112	182.3	94.283	13.881	500.95	26.329	0
"2014-06-16	19:00:00"	11.973	175.6	95.389	15.147	483.9	26.314	0
"2014-06-16	20:00:00"	16.681	169.35	93.071	23.375	257.89	26.317	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-16	21:00:00"	20.94	152.53	87.263	38.642	62.083	26.335	0
"2014-06-16	22:00:00"	19.568	158.92	83.087	47.818	0.54373	26.361	0
"2014-06-16	23:00:00"	16.404	166.17	80.57	52.99	0.08013	26.388	0
"2014-06-17	00:00:00"	15.703	167.72	78.974	56.513	0.07568	26.4	0
"2014-06-17	01:00:00"	12.583	171.67	77.018	62.137	0.07737	26.388	0
"2014-06-17	02:00:00"	10.694	176.63	75.576	61.177	0.07504	26.379	0
"2014-06-17	03:00:00"	9.3734	180.68	74.08	52.775	0.05999	26.382	0
"2014-06-17	04:00:00"	9.7356	171.44	72.616	54.72	0.06211	26.373	0
"2014-06-17	05:00:00"	12.249	166.99	72.912	53.642	0.06635	26.364	0
"2014-06-17	06:00:00"	11.31	177.65	72.102	55.105	0.05872	26.385	0
"2014-06-17	07:00:00"	9.2081	191.52	71.36	58.267	2.9955	26.391	0
"2014-06-17	08:00:00"	8.596	185.09	70.82	62.351	68.859	26.403	0
"2014-06-17	09:00:00"	10.422	188.38	74.336	57.059	145.43	26.42	0
"2014-06-17	10:00:00"	11.35	190.51	78.838	47.749	352.35	26.426	0
"2014-06-17	11:00:00"	9.6275	199.63	82.641	40.094	718.38	26.412	0
"2014-06-17	12:00:00"	7.0401	193.01	86.48	31.766	872.8	26.412	0
"2014-06-17	13:00:00"	4.605	162.94	90.205	22.877	1015.1	26.403	0
"2014-06-17	14:00:00"	4.9803	169.95	93.165	17.277	1080.8	26.382	0
"2014-06-17	15:00:00"	5.2183	62.91	95.488	13.741	1077.9	26.353	0
"2014-06-17	16:00:00"	4.8063	45.366	96.51	12.612	762.31	26.338	0
"2014-06-17	17:00:00"	8.9477	146.65	96.574	16.03	730	26.32	0
"2014-06-17	18:00:00"	9.3013	150.04	96.517	16.553	588.66	26.305	0
"2014-06-17	19:00:00"	10.366	165.53	96.083	17.966	421.97	26.285	0
"2014-06-17	20:00:00"	11.247	82.138	91.288	25.916	307.28	26.302	0
"2014-06-17	21:00:00"	19.962	153.36	76.613	59.386	116.16	26.314	0.99
"2014-06-17	22:00:00"	15.19	90.186	69.315	78.219	2.3971	26.376	0.14
"2014-06-17	23:00:00"	11.064	105.74	70.911	75.44	0.07165	26.394	0.1
"2014-06-18	00:00:00"	12.902	114.41	73.809	71.861	0.05321	26.4	0
"2014-06-18	01:00:00"	10.813	138.58	74.452	70.925	0.07886	26.415	0
"2014-06-18	02:00:00"	11.681	141.84	74.76	69.098	0.06063	26.432	0
"2014-06-18	03:00:00"	6.3367	123.62	73.79	72.918	0.05766	26.418	0.01
"2014-06-18	04:00:00"	6.1938	95.952	70.515	77.042	0.08649	26.391	0
"2014-06-18	05:00:00"	6.9736	134.45	71.453	75.829	0.06529	26.376	0
"2014-06-18	06:00:00"	6.3628	133.97	71.635	76.153	0.06677	26.373	0
"2014-06-18	07:00:00"	5.9602	163.95	70.835	78.211	2.6849	26.379	0
"2014-06-18	08:00:00"	8.8123	186.21	70.937	78.224	58.666	26.388	0
"2014-06-18	09:00:00"	13.055	185.87	72.043	75.176	203.04	26.388	0
"2014-06-18	10:00:00"	14.073	181.52	74.255	70.066	518.86	26.397	0
"2014-06-18	11:00:00"	12.755	181.52	77.168	61.473	639.9	26.397	0
"2014-06-18	12:00:00"	10.243	186.99	81.178	49.849	746.61	26.394	0
"2014-06-18	13:00:00"	6.5542	225.54	82.459	43.608	309.99	26.397	0
"2014-06-18	14:00:00"	3.9221	182.34	84.999	36.52	1038.8	26.379	0
"2014-06-18	15:00:00"	3.8258	159.87	89.634	28.166	1044.3	26.35	0
"2014-06-18	16:00:00"	10.792	182.17	91.816	23.058	887.53	26.326	0
"2014-06-18	17:00:00"	8.1418	199.83	92.886	19.791	582.04	26.308	0
"2014-06-18	18:00:00"	7.9852	225.73	93.786	18.58	577.54	26.296	0
"2014-06-18	19:00:00"	11.023	203.77	88.593	26.256	281.11	26.305	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-18	20:00:00"	10.001	160.27	85.035	33.896	233.69	26.296	0
"2014-06-18	21:00:00"	18.348	137.71	80.864	41.655	112.83	26.341	0
"2014-06-18	22:00:00"	14.329	119.72	72.955	56.789	1.2596	26.353	0.01
"2014-06-18	23:00:00"	13.976	137.17	72.681	59.367	0.08394	26.376	0
"2014-06-19	00:00:00"	10.757	153.36	73.015	67.739	0.07334	26.406	0
"2014-06-19	01:00:00"	10.341	158.74	72.082	71.83	0.08543	26.4	0
"2014-06-19	02:00:00"	10.264	172.59	71.207	75.429	0.08055	26.397	0
"2014-06-19	03:00:00"	13.485	165.18	72.011	74.407	0.06953	26.385	0
"2014-06-19	04:00:00"	8.2947	155.75	71.421	77.068	0.08585	26.397	0
"2014-06-19	05:00:00"	2.5402	164.71	70.006	81.171	0.07017	26.391	0
"2014-06-19	06:00:00"	5.8421	171.28	69.782	81.377	0.0831	26.4	0
"2014-06-19	07:00:00"	5.9136	181.52	69.167	83.372	3.9416	26.415	0
"2014-06-19	08:00:00"	7.5546	164.08	69.395	83.481	103.49	26.429	0
"2014-06-19	09:00:00"	11.101	165.33	71.402	76.756	226.46	26.435	0
"2014-06-19	10:00:00"	10.385	181.89	73.987	69.519	353.42	26.441	0
"2014-06-19	11:00:00"	9.9575	185.76	75.972	63.553	396.5	26.447	0
"2014-06-19	12:00:00"	5.1922	204.01	78.37	56.252	582.83	26.462	0
"2014-06-19	13:00:00"	4.6783	148.98	80.428	50.244	766.33	26.459	0
"2014-06-19	14:00:00"	4.5689	228.86	83.89	42.54	895.95	26.45	0
"2014-06-19	15:00:00"	3.3908	113.25	86.845	34.844	758.66	26.438	0
"2014-06-19	16:00:00"	6.7245	110.3	88.578	31.431	577.23	26.423	0
"2014-06-19	17:00:00"	10.417	149.1	89.747	31.323	691.03	26.4	0
"2014-06-19	18:00:00"	11.448	136.04	90.651	29.477	664.73	26.397	0
"2014-06-19	19:00:00"	12.831	140.76	88.911	32.133	177.9	26.394	0
"2014-06-19	20:00:00"	12.816	134.06	85.697	38.133	115.21	26.4	0.03
"2014-06-19	21:00:00"	14.613	139.5	84.554	37.552	20.56	26.438	0
"2014-06-19	22:00:00"	13.189	149.93	82.494	41.771	0.08331	26.488	0
"2014-06-19	23:00:00"	17.429	264.14	72.011	49.762	0.06995	26.518	0
"2014-06-20	00:00:00"	9.274	249.03	71.779	50.06	0.08585	26.553	0
"2014-06-20	01:00:00"	6.9507	263.44	70.24	58.719	0.09518	26.515	0.05
"2014-06-20	02:00:00"	7.9567	222.03	70.632	58.628	0.07186	26.462	0.01
"2014-06-20	03:00:00"	12.907	166.71	70.065	67.052	0.05766	26.453	0
"2014-06-20	04:00:00"	10.382	116.23	69.037	71.399	0.07165	26.497	0
"2014-06-20	05:00:00"	4.5248	139.98	68.787	75.231	0.06211	26.509	0
"2014-06-20	06:00:00"	5.6594	151.21	68.274	77.865	0.07123	26.521	0
"2014-06-20	07:00:00"	6.2616	161.31	68.042	79.325	0.79365	26.542	0
"2014-06-20	08:00:00"	8.2847	148.8	67.866	80.583	20.014	26.559	0
"2014-06-20	09:00:00"	10.606	158.42	67.196	80.528	165.42	26.568	0
"2014-06-20	10:00:00"	9.6741	166.63	67.713	79.872	171.56	26.574	0
"2014-06-20	11:00:00"	7.0979	146.54	68.931	75.796	236.81	26.574	0
"2014-06-20	12:00:00"	4.971	128.45	72.388	65.309	690.31	26.568	0
"2014-06-20	13:00:00"	7.5062	120.83	75.816	55.588	725.98	26.556	0
"2014-06-20	14:00:00"	10.328	152.52	78.018	48.749	674.23	26.542	0
"2014-06-20	15:00:00"	9.9053	131.01	79.724	43.491	615.45	26.524	0
"2014-06-20	16:00:00"	9.6163	122.46	81.084	41.12	789.71	26.509	0
"2014-06-20	17:00:00"	11.376	120.84	81.691	38.494	508.01	26.494	0
"2014-06-20	18:00:00"	14.247	125.75	80.303	43.081	459.44	26.494	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-20	19:00:00"	13.87	133.96	80.06	43.044	434.57	26.483	0
"2014-06-20	20:00:00"	14.536	138.56	78.517	46.58	199.17	26.485	0
"2014-06-20	21:00:00"	16.113	144.51	73.587	59.587	56.59	26.5	0
"2014-06-20	22:00:00"	10.317	146.13	71.534	65.743	0.84092	26.512	0
"2014-06-20	23:00:00"	6.5306	136.51	70.857	70.244	0.07801	26.521	0
"2014-06-21	00:00:00"	5.6066	127.15	71.207	72.095	0.07356	26.515	0
"2014-06-21	01:00:00"	8.332	132.87	71.643	74.37	0.05978	26.503	0
"2014-06-21	02:00:00"	7.1377	125.12	70.448	76.134	0.05978	26.488	0
"2014-06-21	03:00:00"	5.4556	122.66	69.602	78.188	0.07419	26.474	0
"2014-06-21	04:00:00"	5.1064	124.32	68.457	80.866	0.07631	26.468	0
"2014-06-21	05:00:00"	4.4043	106.97	67.328	83.659	0.07419	26.459	0
"2014-06-21	06:00:00"	5.3923	104.13	67.388	82.837	0.07419	26.459	0
"2014-06-21	07:00:00"	4.2601	96.935	67.275	83.307	0.79492	26.471	0
"2014-06-21	08:00:00"	6.5281	123.15	67.99	81.852	20.523	26.485	0
"2014-06-21	09:00:00"	9.5809	139.58	68.725	80.49	122.25	26.483	0
"2014-06-21	10:00:00"	9.6952	147.85	69.713	77.708	228.18	26.494	0
"2014-06-21	11:00:00"	9.3143	159.24	71.226	73.095	307.49	26.488	0
"2014-06-21	12:00:00"	6.0845	135.17	73.452	66.064	398.93	26.485	0
"2014-06-21	13:00:00"	2.296	168.06	75.526	60.194	519.78	26.468	0
"2014-06-21	14:00:00"	3.3598	100.55	77.679	54.401	832.46	26.441	0
"2014-06-21	15:00:00"	3.9196	147.34	80.601	48.958	1076.7	26.42	0
"2014-06-21	16:00:00"	5.4761	128.92	82.61	43.122	746.83	26.4	0
"2014-06-21	17:00:00"	8.4929	131.49	84.522	40.537	796.95	26.382	0
"2014-06-21	18:00:00"	11.57	133.33	84.644	42.582	587.46	26.37	0
"2014-06-21	19:00:00"	10.614	131.76	83.564	45.947	352.21	26.358	0
"2014-06-21	20:00:00"	10.147	129.46	82.571	47.846	160.11	26.376	0
"2014-06-21	21:00:00"	12.111	123.24	80.666	52.955	56.107	26.367	0
"2014-06-21	22:00:00"	11.677	146.6	78.406	56.386	2.3044	26.391	0
"2014-06-21	23:00:00"	9.3777	141.09	76.717	60.736	0.06656	26.42	0
"2014-06-22	00:00:00"	9.2056	135.01	74.807	66.709	0.05851	26.42	0
"2014-06-22	01:00:00"	9.9689	149.56	72.733	74.483	0.06722	26.403	0
"2014-06-22	02:00:00"	9.6971	167.06	70.986	78.116	0.09475	26.394	0
"2014-06-22	03:00:00"	8.5103	183.19	69.556	82.726	0.085	26.385	0
"2014-06-22	04:00:00"	6.5797	177.08	68.343	85.815	0.06253	26.364	0
"2014-06-22	05:00:00"	6.1994	158.06	67.334	87.963	0.06911	26.358	0
"2014-06-22	06:00:00"	3.8587	118.8	66.539	88.605	0.06041	26.376	0
"2014-06-22	07:00:00"	2.3587	43.979	64.981	89.339	3.6015	26.385	0
"2014-06-22	08:00:00"	2.5824	84.456	65.797	89.232	96.305	26.397	0
"2014-06-22	09:00:00"	5.9198	127.87	68.577	84.77	267.11	26.397	0
"2014-06-22	10:00:00"	6.0453	142.29	72.417	75.035	496.43	26.388	0
"2014-06-22	11:00:00"	4.1085	126.07	77.847	61.38	703.46	26.385	0
"2014-06-22	12:00:00"	6.7729	134.51	82.973	48.422	871.46	26.376	0
"2014-06-22	13:00:00"	4.7467	171.19	86.505	37.616	998.34	26.364	0
"2014-06-22	14:00:00"	5.9577	197	89.122	33.261	1066.8	26.347	0
"2014-06-22	15:00:00"	5.5277	213.09	92.05	28.1	1065	26.326	0
"2014-06-22	16:00:00"	5.1766	203.16	93.098	25.902	798	26.317	0
"2014-06-22	17:00:00"	5.9726	231.52	94.09	25.016	653.95	26.302	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-22	18:00:00"	5.345	217.64	95.158	22.787	700.85	26.288	0
"2014-06-22	19:00:00"	5.3705	223.61	94.55	23.581	264.74	26.279	0
"2014-06-22	20:00:00"	12.524	123.63	93.088	28.537	317.75	26.291	0
"2014-06-22	21:00:00"	17.347	117.38	86.881	39.594	91.691	26.314	0
"2014-06-22	22:00:00"	12.001	111.21	80.088	56.548	0.78199	26.32	0
"2014-06-22	23:00:00"	11.305	159.24	79.634	60.789	0.07334	26.323	0
"2014-06-23	00:00:00"	15.028	177.92	78.989	62.481	0.07546	26.311	0
"2014-06-23	01:00:00"	13.425	182.78	76.537	69.188	0.0672	26.296	0
"2014-06-23	02:00:00"	10.908	177.76	74.819	74.802	0.07059	26.311	0
"2014-06-23	03:00:00"	9.5256	245.21	74.627	75.624	0.06253	26.373	0
"2014-06-23	04:00:00"	3.8842	67.152	75.214	74.1	0.06635	26.338	0
"2014-06-23	05:00:00"	6.5983	100.59	73.726	77.612	0.06614	26.329	0
"2014-06-23	06:00:00"	10.056	88.934	72.422	76.361	0.0778	26.353	0
"2014-06-23	07:00:00"	15.159	64.081	69.755	68.218	0.90579	26.385	0
"2014-06-23	08:00:00"	13.434	69.039	67.984	70.982	57.178	26.435	0
"2014-06-23	09:00:00"	11.384	65.024	68.78	69.053	232.4	26.465	0
"2014-06-23	10:00:00"	10.612	80.419	70.861	65.059	452.91	26.477	0
"2014-06-23	11:00:00"	10.283	116.2	73.526	64.374	597.37	26.474	0
"2014-06-23	12:00:00"	11.026	141.76	76.936	60.234	871.17	26.474	0
"2014-06-23	13:00:00"	8.6526	138.54	80.547	53.03	877.61	26.483	0
"2014-06-23	14:00:00"	7.2166	95.785	82.535	47.657	1001.5	26.462	0
"2014-06-23	15:00:00"	7.8815	101.97	84.599	41.909	1080.4	26.45	0
"2014-06-23	16:00:00"	6.3821	103.07	85.911	39.591	969.73	26.435	0
"2014-06-23	17:00:00"	7.3241	116.91	87.489	36.408	855.32	26.415	0
"2014-06-23	18:00:00"	9.2597	113.94	87.893	36.742	625.61	26.409	0
"2014-06-23	19:00:00"	10.122	110.38	87.784	36.705	430.02	26.403	0
"2014-06-23	20:00:00"	11.279	119.04	86.193	38.814	168.49	26.409	0
"2014-06-23	21:00:00"	11.214	113.27	84.548	42.683	47.646	26.435	0
"2014-06-23	22:00:00"	9.7847	120.29	82.14	48.292	0.22109	26.456	0
"2014-06-23	23:00:00"	11.311	131.62	80.736	52.509	0.06359	26.497	0
"2014-06-24	00:00:00"	10.783	122.19	79.908	55.432	0.07674	26.533	0
"2014-06-24	01:00:00"	13.704	258.15	73.013	59.488	0.07779	26.542	0.11
"2014-06-24	02:00:00"	6.2926	302.92	69.77	61.631	0.06847	26.524	0.05
"2014-06-24	03:00:00"	12.072	89.764	73.497	49.197	0.09793	26.477	0
"2014-06-24	04:00:00"	7.3657	77.527	70.163	60.634	0.08691	26.48	0
"2014-06-24	05:00:00"	5.6035	135.2	68.714	68.342	0.08585	26.491	0
"2014-06-24	06:00:00"	4.2346	240.18	67.591	74.511	0.07419	26.512	0
"2014-06-24	07:00:00"	2.5924	336.42	66.038	79.244	1.4974	26.524	0
"2014-06-24	08:00:00"	1.6442	0.3616	65.844	79.797	41.684	26.509	0
"2014-06-24	09:00:00"	1.7871	273.69	69.939	67.234	266.38	26.506	0
"2014-06-24	10:00:00"	5.1021	174.41	74.647	52.255	519.31	26.55	0
"2014-06-24	11:00:00"	7.7851	176.15	75.219	54.06	615.49	26.571	0
"2014-06-24	12:00:00"	12.25	148.56	76.338	56.039	762.61	26.553	0
"2014-06-24	13:00:00"	12.694	152.48	79.444	46.572	997.87	26.547	0
"2014-06-24	14:00:00"	10.083	156.54	81.401	42.169	1065	26.533	0
"2014-06-24	15:00:00"	9.9618	145.03	83.648	36.755	1063.3	26.515	0
"2014-06-24	16:00:00"	11.033	148.71	85.042	34.108	996.25	26.488	0

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"2014-06-24	17:00:00"	10.216	160.94	85.912	31.672	876.39	26.474	0
"2014-06-24	18:00:00"	8.6215	165.27	86.255	28.967	619.88	26.453	0
"2014-06-24	19:00:00"	8.4115	146.47	86.096	28.549	262.98	26.435	0
"2014-06-24	20:00:00"	10.306	141.64	85.393	29.659	154.17	26.429	0
"2014-06-24	21:00:00"	11.454	139.67	84.117	31.509	86.562	26.441	0
"2014-06-24	22:00:00"	12.478	135.09	80.417	43.035	3.8527	26.45	0
"2014-06-24	23:00:00"	12.645	136.98	77.808	56.311	0.07271	26.468	0
"2014-06-25	00:00:00"	10.959	138.41	75.488	61.743	0.06677	26.471	0
"2014-06-25	01:00:00"	11.236	141.16	73.739	65.86	0.07272	26.474	0
"2014-06-25	02:00:00"	11.995	139.52	72.322	72.981	0.07038	26.474	0
"2014-06-25	03:00:00"	12.077	144.16	70.987	77.405	0.07271	26.465	0
"2014-06-25	04:00:00"	8.8595	142.09	69.673	79.766	0.0884	26.465	0
"2014-06-25	05:00:00"	8.5115	134.62	68.707	82.229	0.06762	26.456	0
"2014-06-25	06:00:00"	8.5177	99.257	67.345	83.812	0.07822	26.471	0
"2014-06-25	07:00:00"	9.3914	90.407	66.219	85.459	2.1548	26.48	0
"2014-06-25	08:00:00"	9.7605	109.5	67.146	84.873	38.207	26.488	0
"2014-06-25	09:00:00"	11.733	133.44	68.204	83.706	105.76	26.5	0
"2014-06-25	10:00:00"	10.775	132.95	70.569	77.828	336.01	26.524	0
"2014-06-25	11:00:00"	9.1758	46.802	71.463	76.024	183.37	26.536	0
"2014-06-25	12:00:00"	17.273	72.882	71.023	76.54	221.81	26.521	0
"2014-06-25	13:00:00"	14.161	78.625	69.882	78.713	85.465	26.53	0
"2014-06-25	14:00:00"	11.324	129.93	69.129	83.029	143.02	26.488	0.05
"2014-06-25	15:00:00"	14.543	127.9	75.495	67.449	983.34	26.453	0
"2014-06-25	16:00:00"	15.056	126.3	81.718	44.565	1001.2	26.432	0
"2014-06-25	17:00:00"	11.375	150.68	85.42	32.798	570.91	26.42	0
"2014-06-25	18:00:00"	14.837	176.43	84.737	34.631	362.77	26.432	0
"2014-06-25	19:00:00"	17.102	190.68	81.113	49.994	252.17	26.423	0
"2014-06-25	20:00:00"	16.02	193.57	79.206	54.048	275.55	26.418	0
"2014-06-25	21:00:00"	10.459	182.16	76.717	61.943	61.528	26.42	0
"2014-06-25	22:00:00"	5.4438	116.51	74.37	68.004	2.0172	26.42	0
"2014-06-25	23:00:00"	4.669	115.99	71.996	74.587	0.06614	26.444	0
"2014-06-26	00:00:00"	6.8885	125.47	72.063	74.996	0.06253	26.465	0
"2014-06-26	01:00:00"	7.4912	135.64	71.371	77.603	0.0778	26.456	0
"2014-06-26	02:00:00"	6.1708	148.89	70.56	79.542	0.06762	26.438	0
"2014-06-26	03:00:00"	7.4602	172.41	70.531	79.155	0.06571	26.426	0
"2014-06-26	04:00:00"	8.4071	188.13	70.925	78.094	0.07652	26.418	0
"2014-06-26	05:00:00"	4.5932	174.44	68.705	83.713	0.06953	26.403	0
"2014-06-26	06:00:00"	7.408	180.64	67.914	86.281	0.07229	26.4	0
"2014-06-26	07:00:00"	4.7454	140.77	66.819	88.374	1.1214	26.415	0
"2014-06-26	08:00:00"	6.8028	126.54	66.489	90.052	21.523	26.418	0
"2014-06-26	09:00:00"	9.4542	146.21	67.524	90.639	194.28	26.429	0
"2014-06-26	10:00:00"	9.3218	169.08	72.536	76.957	366.59	26.426	0
"2014-06-26	11:00:00"	8.5165	174.68	77.406	60.191	781.2	26.412	0
"2014-06-26	12:00:00"	10.033	184.83	81.546	44.938	859.15	26.406	0
"2014-06-26	13:00:00"	12.802	186.36	84.926	36.707	983.68	26.397	0
"2014-06-26	14:00:00"	10.515	185.05	87.101	35.4	1048.1	26.373	0
"2014-06-26	15:00:00"	11.361	186.08	89.776	34.025	1041.6	26.353	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-26	16:00:00"	11.978	174.09	90.945	31.685	978.09	26.323	0
"2014-06-26	17:00:00"	10.192	164.38	91.957	29.184	857.57	26.302	0
"2014-06-26	18:00:00"	10.804	165.21	92.882	27.905	688.7	26.285	0
"2014-06-26	19:00:00"	12.938	153.79	92.839	27.461	483.08	26.264	0
"2014-06-26	20:00:00"	16.994	156.08	91.174	30.694	265.6	26.27	0
"2014-06-26	21:00:00"	17.438	158.09	87.193	38.666	72.597	26.273	0
"2014-06-26	22:00:00"	16.008	154.56	84.621	42.89	0.6476	26.285	0
"2014-06-26	23:00:00"	18.735	157.82	81.634	48.36	0.06444	26.302	0
"2014-06-27	00:00:00"	17.035	155.64	78.639	53.851	0.08479	26.311	0
"2014-06-27	01:00:00"	16.608	160.67	76.47	59.042	0.07504	26.302	0
"2014-06-27	02:00:00"	16.08	168.49	74.892	63.535	0.05363	26.296	0
"2014-06-27	03:00:00"	16.497	163.4	73.812	66.65	0.08119	26.282	0
"2014-06-27	04:00:00"	15.947	170.65	72.907	68.641	0.06635	26.264	0
"2014-06-27	05:00:00"	13.547	177.13	72.018	72.558	0.07356	26.27	0
"2014-06-27	06:00:00"	13.545	180.22	71.465	74.74	0.07059	26.261	0
"2014-06-27	07:00:00"	11.335	187.31	71.02	75.249	3.8534	26.264	0
"2014-06-27	08:00:00"	12.503	188.38	71.305	74.417	116.96	26.267	0
"2014-06-27	09:00:00"	13.848	187.19	73.965	67.318	230.27	26.276	0
"2014-06-27	10:00:00"	14.279	189.44	77.232	58.836	485.16	26.276	0
"2014-06-27	11:00:00"	12.284	203.65	81.135	48.979	471.86	26.282	0
"2014-06-27	12:00:00"	11.069	206.17	84.361	40.581	520.2	26.279	0
"2014-06-27	13:00:00"	13.185	207.1	90.605	27.894	949.27	26.27	0
"2014-06-27	14:00:00"	12.647	230.03	95.403	18.498	1029.7	26.249	0
"2014-06-27	15:00:00"	12.697	227.76	97.899	16.127	1069	26.229	0
"2014-06-27	16:00:00"	14.613	231.32	99.603	14.964	957.12	26.211	0
"2014-06-27	17:00:00"	16.545	229.1	100.48	14.741	880.75	26.187	0
"2014-06-27	18:00:00"	18.224	229.21	100.16	13.684	705.71	26.169	0
"2014-06-27	19:00:00"	16.459	234.39	99.925	11.289	501.48	26.161	0
"2014-06-27	20:00:00"	15.497	227.02	98.73	10.666	273.51	26.164	0
"2014-06-27	21:00:00"	17.102	174.15	90.112	35.445	77.197	26.175	0
"2014-06-27	22:00:00"	16.801	166.76	84.307	47.954	0.85725	26.199	0
"2014-06-27	23:00:00"	15.949	167.02	80.532	57.41	0.0725	26.223	0
"2014-06-28	00:00:00"	17.068	172.13	78.129	63.212	0.08225	26.24	0
"2014-06-28	01:00:00"	17.81	175.06	76.325	68.962	0.08394	26.258	0
"2014-06-28	02:00:00"	16.481	174.47	75.061	70.858	0.05745	26.258	0
"2014-06-28	03:00:00"	14.636	174.89	74.404	69.833	0.05978	26.249	0
"2014-06-28	04:00:00"	14.356	178.34	73.615	71.189	0.09497	26.237	0
"2014-06-28	05:00:00"	13.208	181.15	72.83	72.721	0.06529	26.237	0
"2014-06-28	06:00:00"	13.158	188.19	72.257	73.525	0.06338	26.246	0
"2014-06-28	07:00:00"	12.731	189.51	71.526	75.117	2.4053	26.255	0
"2014-06-28	08:00:00"	9.9345	190.94	71.131	76.076	88.208	26.27	0
"2014-06-28	09:00:00"	11.367	189.94	73.865	68.315	279.2	26.294	0
"2014-06-28	10:00:00"	10.59	191.24	77.874	55.064	498.46	26.308	0
"2014-06-28	11:00:00"	7.7069	210.03	83.044	40.061	687.3	26.314	0
"2014-06-28	12:00:00"	4.111	244.64	87.63	28.797	874.91	26.32	0
"2014-06-28	13:00:00"	4.1048	226.26	90.237	25.289	1004.7	26.32	0
"2014-06-28	14:00:00"	4.408	189.98	93.021	21.102	1072.2	26.311	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-28	15:00:00"	5.6824	206.2	95.822	16.939	1075.6	26.299	0
"2014-06-28	16:00:00"	5.8862	214.87	97.956	13.411	1009.3	26.294	0
"2014-06-28	17:00:00"	7.9281	238.26	99.338	11.029	887.61	26.285	0
"2014-06-28	18:00:00"	8.8955	227.35	99.628	11.186	708.37	26.276	0
"2014-06-28	19:00:00"	6.1193	253.33	99.852	10.943	503.37	26.264	0
"2014-06-28	20:00:00"	5.2288	256.9	99.289	10.841	283.23	26.27	0
"2014-06-28	21:00:00"	2.6079	238.69	97.28	11.892	77.467	26.285	0
"2014-06-28	22:00:00"	3.4088	94.852	89.532	22.03	0.8193	26.308	0
"2014-06-28	23:00:00"	14.887	154.19	84.793	47.914	0.06381	26.338	0
"2014-06-29	00:00:00"	14.784	162.7	81.301	55.419	0.0619	26.356	0
"2014-06-29	01:00:00"	13.217	170.1	79.092	61.317	0.07462	26.364	0
"2014-06-29	02:00:00"	13.491	171.37	77.37	65.846	0.06826	26.364	0
"2014-06-29	03:00:00"	12.788	169.63	76.152	66.971	0.05617	26.358	0
"2014-06-29	04:00:00"	12.114	171.45	75.548	66.175	0.04918	26.358	0
"2014-06-29	05:00:00"	11.881	173.45	75.296	64.106	0.09285	26.364	0
"2014-06-29	06:00:00"	12.839	176.9	74.941	63.27	0.06656	26.367	0
"2014-06-29	07:00:00"	10.975	174.73	74.169	67.522	2.4884	26.388	0
"2014-06-29	08:00:00"	9.8375	174.46	73.823	69.74	85.425	26.397	0
"2014-06-29	09:00:00"	14.385	184.62	76.166	65.465	275.14	26.409	0
"2014-06-29	10:00:00"	15.356	182.55	79.457	58.061	494.77	26.412	0
"2014-06-29	11:00:00"	13.379	186.13	83.086	49.46	704.08	26.412	0
"2014-06-29	12:00:00"	11.38	194.42	87.534	38.621	878.9	26.42	0
"2014-06-29	13:00:00"	9.7002	202.36	92.367	29.079	1004.8	26.412	0
"2014-06-29	14:00:00"	10.108	179.57	95.419	24.232	1068.6	26.4	0
"2014-06-29	15:00:00"	8.4308	187.22	98.55	18.141	1070.2	26.382	0
"2014-06-29	16:00:00"	7.861	178.58	100.72	14.606	1002.2	26.364	0
"2014-06-29	17:00:00"	9.1068	174.44	101.5	13.075	892.54	26.35	0
"2014-06-29	18:00:00"	9.8524	178.11	101.48	13.167	674.51	26.338	0
"2014-06-29	19:00:00"	14.169	145.06	100.14	17.458	470.48	26.317	0
"2014-06-29	20:00:00"	21.541	155.51	95.748	26.955	262.25	26.338	0
"2014-06-29	21:00:00"	20.81	152.11	90.434	35.214	68.893	26.353	0
"2014-06-29	22:00:00"	18.951	154.59	86.19	42.139	0.72009	26.373	0
"2014-06-29	23:00:00"	15.108	154.41	82.991	48.164	0.08076	26.391	0
"2014-06-30	00:00:00"	17.213	154.49	80.543	52.899	0.06783	26.403	0
"2014-06-30	01:00:00"	15.535	160.52	79.073	52.985	0.06593	26.397	0
"2014-06-30	02:00:00"	14.891	168.25	78.135	53.389	0.08479	26.388	0
"2014-06-30	03:00:00"	14.441	171.38	77.64	53.652	0.0549	26.385	0
"2014-06-30	04:00:00"	13.327	174.48	77.035	54.148	0.06995	26.376	0
"2014-06-30	05:00:00"	13.217	173.85	76.56	54.989	0.08691	26.37	0
"2014-06-30	06:00:00"	13.469	170.59	75.805	56.91	0.0761	26.37	0
"2014-06-30	07:00:00"	13.386	169.07	74.334	63.999	2.7903	26.373	0
"2014-06-30	08:00:00"	14.313	168.57	73.98	68.75	85.53	26.385	0
"2014-06-30	09:00:00"	16.269	171.93	75.547	66.897	260.62	26.397	0
"2014-06-30	10:00:00"	17.151	175.29	78.562	59.647	484.4	26.397	0
"2014-06-30	11:00:00"	16.622	183.5	81.878	52.281	693.85	26.385	0
"2014-06-30	12:00:00"	15.099	184.61	85.403	45.589	867.78	26.376	0
"2014-06-30	13:00:00"	14.197	183.5	89.311	38.585	997.06	26.361	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-30	14:00:00"	14.334	186.41	92.665	33.152	1063.9	26.338	0
"2014-06-30	15:00:00"	13.064	177.85	96.162	27.074	1062.9	26.32	0
"2014-06-30	16:00:00"	11.328	175.99	98.592	21.951	990.57	26.299	0
"2014-06-30	17:00:00"	9.5107	169.31	99.571	19.136	866.97	26.279	0
"2014-06-30	18:00:00"	9.4442	177.01	100.45	16.959	706.18	26.267	0
"2014-06-30	19:00:00"	15.324	170.55	99.737	19.922	466.85	26.258	0
"2014-06-30	20:00:00"	21.79	164.02	93.798	33.728	227.47	26.267	0
"2014-06-30	21:00:00"	19.644	161.01	89.569	40.362	103.47	26.276	0
"2014-06-30	22:00:00"	17.575	154.17	84.408	47.041	0.78644	26.305	0
"2014-06-30	23:00:00"	15.898	158.78	81.037	52.818	0.05596	26.317	0
"2014-07-01	00:00:00"	14.787	161.57	79.477	55.009	0.0566	26.326	0
"2014-07-01	01:00:00"	10.427	143.45	78.645	55.402	0.07504	26.338	0
"2014-07-01	02:00:00"	12.427	160.93	77.745	55.72	0.04939	26.317	0
"2014-07-01	03:00:00"	10.077	162.58	77.031	56.302	0.06932	26.305	0
"2014-07-01	04:00:00"	11.364	164.64	76.823	55.648	0.1026	26.288	0
"2014-07-01	05:00:00"	10.262	164.4	75.988	55.781	0.05893	26.296	0
"2014-07-01	06:00:00"	11.017	132.75	75.557	54.142	0.08564	26.296	0
"2014-07-01	07:00:00"	18.071	167.2	75.709	50.338	0.62746	26.296	0
"2014-07-01	08:00:00"	12.683	51.466	77.527	49.983	60.666	26.4	0
"2014-07-01	09:00:00"	19.383	79.513	76.071	52.285	191.81	26.397	0
"2014-07-01	10:00:00"	21.613	95.921	76.279	60.335	400.19	26.373	0
"2014-07-01	11:00:00"	21.454	117.2	76.488	62.889	182.29	26.415	0
"2014-07-01	12:00:00"	11.856	121.82	77.694	60.612	272.35	26.447	0
"2014-07-01	13:00:00"	9.7574	104.83	79.729	56.804	547.7	26.459	0
"2014-07-01	14:00:00"	10.655	84.484	82.526	50.366	1043.4	26.447	0
"2014-07-01	15:00:00"	9.1279	93.139	84.369	45.424	1024.2	26.435	0
"2014-07-01	16:00:00"	9.8027	83.573	86.532	41.537	755.84	26.423	0
"2014-07-01	17:00:00"	11.262	89.774	87.854	39.398	540.21	26.406	0
"2014-07-01	18:00:00"	10.464	87.228	89.082	36.482	471.53	26.397	0
"2014-07-01	19:00:00"	14.758	92.736	89.022	36.454	378.7	26.382	0
"2014-07-01	20:00:00"	12.568	106.29	88.999	34.981	248.17	26.4	0
"2014-07-01	21:00:00"	11.013	114.38	87.343	35.427	39.235	26.409	0
"2014-07-01	22:00:00"	9.3951	114.64	85.449	37.101	0.41675	26.441	0
"2014-07-01	23:00:00"	11.32	121.22	84.604	34.934	0.07631	26.462	0
"2014-07-02	00:00:00"	13.184	123.12	83.292	33.993	0.07229	26.456	0
"2014-07-02	01:00:00"	9.4927	128.22	81	37.845	0.06423	26.471	0
"2014-07-02	02:00:00"	6.6201	99.206	78.947	41.85	0.06338	26.477	0
"2014-07-02	03:00:00"	5.1978	95.825	77.497	44.022	0.07017	26.485	0
"2014-07-02	04:00:00"	5.7527	139.97	77.654	41.724	0.07886	26.474	0
"2014-07-02	05:00:00"	5.6128	141	76.618	42.783	0.0744	26.485	0
"2014-07-02	06:00:00"	4.6615	142.56	75.117	47.442	0.06974	26.506	0
"2014-07-02	07:00:00"	3.7121	88.777	74.095	54.304	0.25268	26.536	0
"2014-07-02	08:00:00"	2.4426	83.961	73.532	61.389	17.438	26.568	0
"2014-07-02	09:00:00"	5.1325	25.113	73.174	62.902	79.406	26.592	0
"2014-07-02	10:00:00"	14.382	4.7063	71.232	61.547	112.37	26.601	0
"2014-07-02	11:00:00"	17.361	7.9123	71.463	57.215	323.85	26.601	0
"2014-07-02	12:00:00"	16.648	20.605	73.913	52.377	542.74	26.598	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-02	13:00:00"	14.554	42.94	78.416	45.273	1024.5	26.577	0
"2014-07-02	14:00:00"	13.381	69.185	81.633	41.018	970.64	26.565	0
"2014-07-02	15:00:00"	13.842	73.136	83.286	37.819	816.22	26.556	0
"2014-07-02	16:00:00"	12.877	77.153	84.832	34.744	858.52	26.547	0
"2014-07-02	17:00:00"	13.19	73.376	82.431	42.396	198.29	26.518	0.01
"2014-07-02	18:00:00"	20.957	68.191	65.183	84.959	32.965	26.539	1.15
"2014-07-02	19:00:00"	18.025	174.01	64.94	85.874	29.316	26.55	0.83
"2014-07-02	20:00:00"	11.187	156.25	67.398	78.952	12.276	26.536	0.48
"2014-07-02	21:00:00"	5.7172	16.229	68.082	81.391	2.5421	26.539	0.05
"2014-07-02	22:00:00"	9.0639	4.041	69.153	81.628	0.0973	26.568	0.02
"2014-07-02	23:00:00"	9.937	357.44	68.225	85.836	0.0797	26.598	0.01
"2014-07-03	00:00:00"	10.794	10.074	68.447	85.294	0.08946	26.604	0
"2014-07-03	01:00:00"	5.1077	82.542	69.66	81.422	0.08882	26.615	0.03
"2014-07-03	02:00:00"	4.0004	312.33	69.528	81.928	0.06126	26.633	0.01
"2014-07-03	03:00:00"	3.1212	324.92	67.963	85.464	0.07334	26.615	0
"2014-07-03	04:00:00"	5.6949	33.065	67.966	86.122	0.06444	26.601	0
"2014-07-03	05:00:00"	7.7559	54.634	67.329	86.929	0.07165	26.604	0
"2014-07-03	06:00:00"	7.9032	50.966	66.911	88.645	0.09412	26.601	0
"2014-07-03	07:00:00"	6.8966	64.409	66.594	89.231	0.62958	26.609	0
"2014-07-03	08:00:00"	6.3461	49.199	66.62	88.746	44.728	26.621	0
"2014-07-03	09:00:00"	8.4898	62.767	68.568	85.205	265.58	26.63	0
"2014-07-03	10:00:00"	9.1136	80.206	71.757	75.859	478.08	26.633	0
"2014-07-03	11:00:00"	7.5596	109.62	75.166	65.156	673.36	26.627	0
"2014-07-03	12:00:00"	8.3935	132.96	77.693	58.568	855.78	26.627	0
"2014-07-03	13:00:00"	8.9707	133.09	80.228	50.227	914.51	26.612	0
"2014-07-03	14:00:00"	11.434	142.52	82.894	41.63	977.15	26.601	0
"2014-07-03	15:00:00"	11.38	144.47	84.68	37.317	931.76	26.583	0
"2014-07-03	16:00:00"	11.557	151.34	86.16	33.604	889.92	26.559	0
"2014-07-03	17:00:00"	14.167	125.6	85.937	36.324	789.93	26.553	0
"2014-07-03	18:00:00"	15.857	130.42	85.41	36.88	651.54	26.542	0
"2014-07-03	19:00:00"	16.633	124.85	84.182	38.244	486.91	26.527	0
"2014-07-03	20:00:00"	15.283	132.23	83.497	36.576	265.67	26.533	0
"2014-07-03	21:00:00"	12.032	141.31	82.782	35.898	71.168	26.539	0
"2014-07-03	22:00:00"	9.3665	122.65	79.807	42.28	0.68173	26.565	0
"2014-07-03	23:00:00"	6.5505	108.44	76.816	50.07	0.06699	26.598	0
"2014-07-04	00:00:00"	6.0435	115.38	75.089	52.869	0.07652	26.612	0
"2014-07-04	01:00:00"	6.9035	131.66	74.258	49.39	0.06511	26.618	0
"2014-07-04	02:00:00"	7.4944	141.23	72.781	49.21	0.09348	26.618	0
"2014-07-04	03:00:00"	7.623	130.67	71.94	51.221	0.0797	26.618	0
"2014-07-04	04:00:00"	4.7081	85.104	68.149	61.807	0.07398	26.618	0
"2014-07-04	05:00:00"	4.0638	87.792	66.201	69.344	0.08543	26.615	0
"2014-07-04	06:00:00"	6.2386	96.975	65.803	76.842	0.09624	26.618	0
"2014-07-04	07:00:00"	7.2582	106.53	66.043	78.369	1.8788	26.624	0
"2014-07-04	08:00:00"	7.4384	127.11	67.438	72.985	67.386	26.648	0
"2014-07-04	09:00:00"	9.8083	148.67	70.24	66.385	254.83	26.657	0
"2014-07-04	10:00:00"	13.212	162.87	73.475	60.782	474.95	26.66	0
"2014-07-04	11:00:00"	13.957	165.07	77.146	52.837	683.51	26.648	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-04	12:00:00"	14.295	171.86	80.202	45.542	861.23	26.642	0
"2014-07-04	13:00:00"	11.927	175.43	82.517	39.944	982.53	26.642	0
"2014-07-04	14:00:00"	11.821	164.7	84.39	35.107	1049.5	26.621	0
"2014-07-04	15:00:00"	12.102	157.18	86.354	31.299	998.08	26.607	0
"2014-07-04	16:00:00"	12.243	150.97	87.592	28.336	772.56	26.595	0
"2014-07-04	17:00:00"	13.012	151.27	89.085	25.35	830.27	26.58	0
"2014-07-04	18:00:00"	14.403	150.44	89.328	23.625	698.71	26.565	0
"2014-07-04	19:00:00"	14.86	153.6	88.991	21.559	485.56	26.556	0
"2014-07-04	20:00:00"	14.626	156.36	87.626	21.399	263.57	26.562	0
"2014-07-04	21:00:00"	14.203	152.54	85.328	24.093	70.284	26.571	0
"2014-07-04	22:00:00"	10.304	152.07	82.026	29.409	0.53991	26.586	0
"2014-07-04	23:00:00"	8.0772	148.38	78.974	33.896	0.07483	26.604	0
"2014-07-05	00:00:00"	7.6503	145.19	76.668	38.141	0.0778	26.615	0
"2014-07-05	01:00:00"	7.8902	147.65	75.034	40.254	0.05003	26.621	0
"2014-07-05	02:00:00"	6.4504	155.25	73.108	46.477	0.06084	26.621	0
"2014-07-05	03:00:00"	5.8005	155.31	71.75	52.374	0.06338	26.621	0
"2014-07-05	04:00:00"	5.5756	147.19	70.832	55.706	0.0496	26.621	0
"2014-07-05	05:00:00"	6.0236	136.61	69.96	57.74	0.0831	26.621	0
"2014-07-05	06:00:00"	6.2473	142.57	69.229	60.227	0.06508	26.627	0
"2014-07-05	07:00:00"	5.8807	135.5	68.014	62.489	1.981	26.63	0
"2014-07-05	08:00:00"	6.274	140.03	68.023	67.295	80.633	26.633	0
"2014-07-05	09:00:00"	11.408	157.03	71.379	65.402	266.06	26.633	0
"2014-07-05	10:00:00"	13.816	169.38	74.82	57.503	484.75	26.63	0
"2014-07-05	11:00:00"	12.805	171.55	77.644	51.124	694.74	26.615	0
"2014-07-05	12:00:00"	11.375	171.94	81.033	43.178	872.18	26.612	0
"2014-07-05	13:00:00"	10.364	175.82	83.816	36.062	999.37	26.604	0
"2014-07-05	14:00:00"	8.7508	177.61	85.893	30.777	1067.1	26.589	0
"2014-07-05	15:00:00"	10.083	160.48	88.124	26.704	1069.2	26.574	0
"2014-07-05	16:00:00"	10.916	161.61	89.391	24.636	1007	26.556	0
"2014-07-05	17:00:00"	10.491	175.66	90.474	22.02	882.09	26.539	0
"2014-07-05	18:00:00"	11.484	163.14	90.781	21.8	708.71	26.518	0
"2014-07-05	19:00:00"	10.14	158.42	90.558	21.58	484.78	26.5	0
"2014-07-05	20:00:00"	10.348	147.99	89.546	22.417	250.14	26.506	0
"2014-07-05	21:00:00"	11.416	145.56	87.05	25.28	49.433	26.518	0
"2014-07-05	22:00:00"	11.431	147.69	83.687	30.578	0.35719	26.53	0
"2014-07-05	23:00:00"	13.829	153.55	81.386	36.289	0.06232	26.545	0
"2014-07-06	00:00:00"	13.422	157.15	79.354	39.873	0.07992	26.55	0
"2014-07-06	01:00:00"	11.958	168.04	77.327	44.691	0.06847	26.547	0
"2014-07-06	02:00:00"	10.788	171.55	75.775	48.308	0.07059	26.536	0
"2014-07-06	03:00:00"	9.904	174.09	74.068	52.07	0.0655	26.527	0
"2014-07-06	04:00:00"	8.1598	165.16	73.009	54.677	0.092	26.518	0
"2014-07-06	05:00:00"	7.9479	156.93	72.368	56.992	0.06868	26.515	0
"2014-07-06	06:00:00"	6.3224	157.35	71.153	60.386	0.07398	26.515	0
"2014-07-06	07:00:00"	3.1994	117.39	69.455	65.386	1.2467	26.536	0
"2014-07-06	08:00:00"	2.7011	51.84	68.392	69.731	57.993	26.553	0
"2014-07-06	09:00:00"	3.7705	72.124	70.629	63.626	181.81	26.568	0
"2014-07-06	10:00:00"	5.8191	119.53	72.158	61.288	207.44	26.562	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-06	11:00:00"	5.1015	169.63	73.337	59.516	278.02	26.553	0
"2014-07-06	12:00:00"	4.2725	152.64	75.424	56.068	475.19	26.553	0
"2014-07-06	13:00:00"	4.4565	131.92	78.252	51.31	437.06	26.547	0
"2014-07-06	14:00:00"	3.5014	152.12	81.008	44.922	564.68	26.539	0
"2014-07-06	15:00:00"	5.6203	177.09	82.961	38.846	357.1	26.524	0
"2014-07-06	16:00:00"	5.3401	232.95	83.566	39.935	370	26.506	0
"2014-07-06	17:00:00"	6.1249	219.44	83.454	39.837	364.6	26.485	0
"2014-07-06	18:00:00"	5.0064	223.8	83.408	37.282	236.25	26.462	0
"2014-07-06	19:00:00"	4.2017	235.56	84.922	34.156	360.1	26.459	0
"2014-07-06	20:00:00"	2.703	268.46	84.933	33.424	187.94	26.462	0
"2014-07-06	21:00:00"	2.2394	255.9	82.392	36.595	37.184	26.462	0
"2014-07-06	22:00:00"	2.0108	295.49	78.906	45.3	0.32369	26.474	0
"2014-07-06	23:00:00"	2.5184	76.077	74.075	55.868	0.0725	26.494	0
"2014-07-07	00:00:00"	4.6081	147.41	76.602	47.236	0.07017	26.509	0
"2014-07-07	01:00:00"	3.5363	166.68	75.024	49.312	0.06426	26.518	0
"2014-07-07	02:00:00"	0.599	235.35	72.04	55.052	0.08712	26.506	0
"2014-07-07	03:00:00"	1.4217	42.184	70.851	60.02	0.07356	26.5	0
"2014-07-07	04:00:00"	5.4482	145.05	72.819	56.788	0.08691	26.494	0
"2014-07-07	05:00:00"	3.7556	152.51	71.74	60.099	0.08267	26.488	0
"2014-07-07	06:00:00"	1.2664	174.3	69.543	65.877	0.07822	26.485	0
"2014-07-07	07:00:00"	1.6249	110.95	69.095	67.278	4.3257	26.491	0
"2014-07-07	08:00:00"	3.5884	113.51	69.744	65.605	84.807	26.506	0
"2014-07-07	09:00:00"	6.392	138.25	73.911	57.085	265.48	26.509	0
"2014-07-07	10:00:00"	8.7054	155.4	77.379	47.971	487.01	26.512	0
"2014-07-07	11:00:00"	6.8276	174.56	79.857	42.844	695.4	26.512	0
"2014-07-07	12:00:00"	4.9213	135.65	82.745	36.086	871.69	26.506	0
"2014-07-07	13:00:00"	8.6687	152	84.996	30.545	1007.9	26.494	0
"2014-07-07	14:00:00"	10.184	163.81	86.703	27.216	1023.2	26.48	0
"2014-07-07	15:00:00"	8.6122	156.14	87.995	24.512	1106.8	26.465	0
"2014-07-07	16:00:00"	8.5842	161.71	89.342	23.819	979.62	26.45	0
"2014-07-07	17:00:00"	8.7141	151.64	89.978	22.491	853.06	26.429	0
"2014-07-07	18:00:00"	9.6089	145.79	90.499	22.051	686.22	26.412	0
"2014-07-07	19:00:00"	10.582	138.53	90.517	21.805	454.86	26.397	0
"2014-07-07	20:00:00"	10.322	143.1	89.961	21.897	261.31	26.397	0
"2014-07-07	21:00:00"	10.836	138.27	87.914	25.293	73.861	26.412	0
"2014-07-07	22:00:00"	9.2298	137.58	84.505	30.008	0.72285	26.435	0
"2014-07-07	23:00:00"	11.251	146.97	82.313	32.876	0.06529	26.456	0
"2014-07-08	00:00:00"	12.777	156.38	80.926	33.972	0.07652	26.477	0
"2014-07-08	01:00:00"	14.565	163.97	79.152	37.181	0.08181	26.488	0
"2014-07-08	02:00:00"	11.798	163.05	76.854	41.131	0.08606	26.477	0
"2014-07-08	03:00:00"	10.515	170.24	74.878	47.336	0.0655	26.465	0
"2014-07-08	04:00:00"	8.1412	175.85	73.339	52.878	0.07462	26.471	0
"2014-07-08	05:00:00"	5.117	178.71	71.878	56.676	0.07631	26.474	0
"2014-07-08	06:00:00"	3.3989	174.47	70.166	61.208	0.092	26.471	0
"2014-07-08	07:00:00"	4.257	196.77	69.956	61.492	1.4576	26.483	0
"2014-07-08	08:00:00"	4.5323	179.34	69.891	62.524	77.088	26.497	0
"2014-07-08	09:00:00"	9.3964	173.99	72.53	58.798	261.82	26.509	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-08	10:00:00"	10.144	182.25	75.749	52.65	481.17	26.524	0
"2014-07-08	11:00:00"	8.1785	180.92	79.413	44.837	690.94	26.524	0
"2014-07-08	12:00:00"	6.1286	167.12	83.153	37.275	880.79	26.527	0
"2014-07-08	13:00:00"	3.9935	170.15	85.853	32.782	1008.7	26.527	0
"2014-07-08	14:00:00"	4.38	102.28	87.811	28.641	1041.3	26.512	0
"2014-07-08	15:00:00"	4.8044	119.84	89.345	27.178	889.16	26.503	0
"2014-07-08	16:00:00"	5.821	134.91	89.878	26.996	1004	26.488	0
"2014-07-08	17:00:00"	5.5302	78.747	90.732	24.507	773.55	26.474	0
"2014-07-08	18:00:00"	8.2984	87.774	92.146	21.392	708.67	26.456	0
"2014-07-08	19:00:00"	8.6781	118.7	92.407	19.936	511.26	26.447	0
"2014-07-08	20:00:00"	11.459	109.05	91.329	22.213	255.33	26.456	0
"2014-07-08	21:00:00"	11.3	125.94	88.71	26.59	65.194	26.468	0
"2014-07-08	22:00:00"	8.4407	132.31	85.306	31.584	0.33556	26.497	0
"2014-07-08	23:00:00"	9.6623	146.78	83.344	35.361	0.07674	26.518	0
"2014-07-09	00:00:00"	8.7986	156.08	81.413	39.351	0.06741	26.53	0
"2014-07-09	01:00:00"	9.1714	166.02	79.917	42.291	0.07292	26.536	0
"2014-07-09	02:00:00"	7.5105	171.33	77.538	46.563	0.07483	26.536	0
"2014-07-09	03:00:00"	7.6609	168.5	75.802	51.387	0.07716	26.521	0
"2014-07-09	04:00:00"	6.8264	168.92	74.161	56.575	0.0655	26.518	0
"2014-07-09	05:00:00"	8.7073	158.7	73.505	58.342	0.08564	26.515	0
"2014-07-09	06:00:00"	7.2924	152.78	72.463	60.475	0.07801	26.509	0
"2014-07-09	07:00:00"	5.4507	148.33	71.609	62.566	1.4239	26.521	0
"2014-07-09	08:00:00"	4.6771	136.14	71.501	63.309	75.08	26.53	0
"2014-07-09	09:00:00"	6.8792	140.67	74.067	59.551	259.34	26.539	0
"2014-07-09	10:00:00"	8.4587	150.7	77.367	53.208	477.7	26.547	0
"2014-07-09	11:00:00"	8.4071	154.53	80.34	47.569	688.59	26.545	0
"2014-07-09	12:00:00"	8.1406	139.09	83.189	40.398	865.58	26.539	0
"2014-07-09	13:00:00"	10.585	132.13	86.16	32.891	987.33	26.527	0
"2014-07-09	14:00:00"	11.452	130.42	88.431	28.373	1051.5	26.509	0
"2014-07-09	15:00:00"	13.212	148.83	89.271	27.615	1001	26.5	0
"2014-07-09	16:00:00"	12.573	139.14	89.609	27.374	907.65	26.48	0
"2014-07-09	17:00:00"	13.072	146	90.402	27.142	948.02	26.465	0
"2014-07-09	18:00:00"	13.228	146.41	90.526	26.078	673.68	26.444	0
"2014-07-09	19:00:00"	13.306	134.09	89.963	27.081	541.61	26.432	0
"2014-07-09	20:00:00"	13.644	142.69	88.537	29.553	214.39	26.444	0
"2014-07-09	21:00:00"	14.138	152.56	86.402	33.047	47.18	26.462	0
"2014-07-09	22:00:00"	10.346	146.12	83.581	37.214	0.30758	26.485	0
"2014-07-09	23:00:00"	8.8365	149.94	81.352	40.758	0.07356	26.503	0
"2014-07-10	00:00:00"	7.4129	163.85	79.369	45.051	0.06974	26.506	0
"2014-07-10	01:00:00"	8.5648	156.73	77.787	47.905	0.06659	26.506	0
"2014-07-10	02:00:00"	8.1139	160.39	76.649	51.866	0.07313	26.5	0
"2014-07-10	03:00:00"	6.7282	157.02	74.888	57.239	0.07589	26.491	0
"2014-07-10	04:00:00"	6.8052	150.29	73.36	57.848	0.07334	26.477	0
"2014-07-10	05:00:00"	7.805	145.93	72.462	55.786	0.0867	26.474	0
"2014-07-10	06:00:00"	6.9507	133.31	70.557	57.498	0.07165	26.474	0
"2014-07-10	07:00:00"	8.4028	145.23	69.294	59.23	1.2674	26.477	0
"2014-07-10	08:00:00"	7.0656	143.97	69.067	61.955	74.563	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-10"	09:00:00"	9.2535	151.01	72.058	58.276	256.82	26.518	0
"2014-07-10"	10:00:00"	13.403	165.39	75.453	51.572	419.31	26.518	0
"2014-07-10"	11:00:00"	13.212	163.49	78.281	44.779	611.28	26.524	0
"2014-07-10"	12:00:00"	12.369	157.51	80.57	39.178	792.22	26.518	0
"2014-07-10"	13:00:00"	12.214	154.63	83.811	33.12	999.65	26.506	0
"2014-07-10"	14:00:00"	12.448	152.71	85.955	29.993	1063.8	26.488	0
"2014-07-10"	15:00:00"	13.593	150.44	87.557	28.128	1045.6	26.462	0
"2014-07-10"	16:00:00"	14.734	155.44	88.584	25.181	998.4	26.447	0
"2014-07-10"	17:00:00"	14.874	153.16	89.292	23.485	872.05	26.432	0
"2014-07-10"	18:00:00"	14.264	152.71	89.366	23.251	699.12	26.423	0
"2014-07-10"	19:00:00"	12.717	157.02	89.143	24.17	499.02	26.418	0
"2014-07-10"	20:00:00"	12.793	153.43	88.057	26.001	275.37	26.432	0
"2014-07-10"	21:00:00"	11.812	156.15	85.959	29.068	75.143	26.447	0
"2014-07-10"	22:00:00"	10.886	151.84	82.773	34.065	0.43519	26.471	0
"2014-07-10"	23:00:00"	9.1373	145.47	80.132	37.893	0.07652	26.497	0
"2014-07-11"	00:00:00"	8.752	150.33	77.611	42.888	0.08691	26.515	0
"2014-07-11"	01:00:00"	12.071	164.63	76.817	48.434	0.08352	26.524	0
"2014-07-11"	02:00:00"	12.6	167.56	74.345	56.2	0.07017	26.521	0
"2014-07-11"	03:00:00"	10.862	173.88	72.216	56.953	0.0778	26.518	0
"2014-07-11"	04:00:00"	9.131	172.84	70.417	62.951	0.07144	26.515	0
"2014-07-11"	05:00:00"	7.8784	167.04	69.042	67.853	0.07292	26.512	0
"2014-07-11"	06:00:00"	7.3881	154.56	68.048	71.239	0.05893	26.515	0
"2014-07-11"	07:00:00"	5.345	141.64	66.608	75.021	1.4281	26.521	0
"2014-07-11"	08:00:00"	3.7133	120.46	66.543	75.368	77.277	26.539	0
"2014-07-11"	09:00:00"	9.3815	140.65	69.147	70.334	259.34	26.553	0
"2014-07-11"	10:00:00"	12.286	148.76	71.535	65.732	477.84	26.562	0
"2014-07-11"	11:00:00"	11.802	151.91	73.351	61.662	635.89	26.562	0
"2014-07-11"	12:00:00"	11.484	151.75	76.235	54.963	910.16	26.565	0
"2014-07-11"	13:00:00"	11.414	152.1	78.219	49.42	865.48	26.556	0
"2014-07-11"	14:00:00"	11.838	156.83	80.12	44.604	878.75	26.542	0
"2014-07-11"	15:00:00"	11.956	147.77	81.863	41.171	820.2	26.527	0
"2014-07-11"	16:00:00"	11.571	141.44	83.256	39.135	777.56	26.512	0
"2014-07-11"	17:00:00"	12.416	141.8	84.314	37.781	836.4	26.497	0
"2014-07-11"	18:00:00"	13.534	134.5	84.492	36.91	574.74	26.491	0
"2014-07-11"	19:00:00"	16.382	134.41	83.07	40.121	379.67	26.485	0
"2014-07-11"	20:00:00"	16.1	138.84	81.648	42.593	281.57	26.491	0
"2014-07-11"	21:00:00"	14.974	136.32	79.738	48.266	78.508	26.509	0
"2014-07-11"	22:00:00"	14.908	141.71	77.297	54.585	0.42163	26.542	0
"2014-07-11"	23:00:00"	14.937	144.03	74.494	61.871	0.07695	26.574	0
"2014-07-12"	00:00:00"	9.2677	144.38	72.646	66.258	0.08034	26.589	0
"2014-07-12"	01:00:00"	9.0934	140.78	72.156	66.148	0.07187	26.598	0
"2014-07-12"	02:00:00"	10.399	137.63	71.743	70.137	0.07101	26.58	0
"2014-07-12"	03:00:00"	8.3748	126.34	70.775	72.328	0.07313	26.565	0
"2014-07-12"	04:00:00"	8.4805	134.1	70.247	70.129	0.07822	26.562	0
"2014-07-12"	05:00:00"	8.3848	130.61	69.45	72.276	0.0725	26.556	0
"2014-07-12"	06:00:00"	9.4169	138.23	69.073	72.791	0.08479	26.562	0
"2014-07-12"	07:00:00"	6.8282	127.34	68.496	74.521	0.87611	26.577	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-12	08:00:00"	8.5774	149.2	69.315	75.053	41.378	26.586	0
"2014-07-12	09:00:00"	12.982	155.61	70.802	73.24	168.3	26.592	0
"2014-07-12	10:00:00"	14.297	160.25	72.779	68.744	337.21	26.601	0
"2014-07-12	11:00:00"	13.924	154.58	75.323	62.734	639.06	26.598	0
"2014-07-12	12:00:00"	13.208	162.18	78.601	55.042	853.71	26.601	0
"2014-07-12	13:00:00"	11.799	170.09	81.057	49.316	970.74	26.595	0
"2014-07-12	14:00:00"	9.6884	164.31	82.866	45.087	811.44	26.577	0
"2014-07-12	15:00:00"	9.9394	172.09	85.003	40.499	1117.9	26.556	0
"2014-07-12	16:00:00"	9.3081	165.8	86.955	35.57	1036	26.545	0
"2014-07-12	17:00:00"	10.425	157.31	88.55	32.139	894.16	26.518	0
"2014-07-12	18:00:00"	11.891	159.98	88.883	31.945	558.68	26.512	0
"2014-07-12	19:00:00"	14.308	155.69	88.695	31.834	373.8	26.512	0
"2014-07-12	20:00:00"	16.064	156.62	87.302	34.036	193.88	26.515	0
"2014-07-12	21:00:00"	13.335	168.73	84.627	37.837	10.626	26.524	0
"2014-07-12	22:00:00"	10.426	163.66	82.096	42.171	0.35125	26.533	0
"2014-07-12	23:00:00"	12.355	155.78	80.247	47.158	0.05405	26.553	0
"2014-07-13	00:00:00"	12.919	162.62	78.579	49.492	0.06126	26.574	0
"2014-07-13	01:00:00"	11.382	163.69	76.857	52.161	0.06211	26.583	0
"2014-07-13	02:00:00"	8.0449	158.15	75.284	54.983	0.05469	26.589	0
"2014-07-13	03:00:00"	6.5687	150.49	73.794	58.142	0.0761	26.589	0
"2014-07-13	04:00:00"	2.7278	96.386	71.237	63.085	0.07568	26.595	0
"2014-07-13	05:00:00"	3.0895	78.096	68.801	67.844	0.08628	26.586	0
"2014-07-13	06:00:00"	4.7802	92.858	67.723	70.109	0.08564	26.571	0
"2014-07-13	07:00:00"	6.0434	101.83	68.411	70.895	1.2178	26.583	0
"2014-07-13	08:00:00"	5.4072	73.779	66.78	74.224	68.219	26.601	0
"2014-07-13	09:00:00"	6.8674	114.21	71.15	65.803	251.98	26.615	0
"2014-07-13	10:00:00"	9.7189	153.18	75.281	57.011	474.1	26.612	0
"2014-07-13	11:00:00"	8.9198	161.12	78.776	49.145	684.77	26.607	0
"2014-07-13	12:00:00"	9.1136	159.66	81.721	41.834	858.3	26.609	0
"2014-07-13	13:00:00"	7.554	134.16	84.17	35.985	973.21	26.598	0
"2014-07-13	14:00:00"	9.7549	144.52	86.874	31.502	1036.6	26.58	0
"2014-07-13	15:00:00"	9.6064	147.59	88.615	29.097	1034.5	26.568	0
"2014-07-13	16:00:00"	9.6518	144.88	89.89	26.503	931.28	26.547	0
"2014-07-13	17:00:00"	10.929	139.45	90.866	24.934	771.89	26.521	0
"2014-07-13	18:00:00"	10.984	147.83	91.321	24.866	615.15	26.512	0
"2014-07-13	19:00:00"	10.548	154.6	91.06	25.259	467.29	26.506	0
"2014-07-13	20:00:00"	10.033	156.78	90.578	26.437	290.43	26.506	0
"2014-07-13	21:00:00"	10.896	144.77	88.474	29.486	69.522	26.512	0
"2014-07-13	22:00:00"	7.5509	145.81	85.038	33.231	0.29932	26.515	0
"2014-07-13	23:00:00"	6.0944	145.34	82.222	37.201	0.06487	26.536	0
"2014-07-14	00:00:00"	3.9525	164.02	79.712	41.555	0.07652	26.565	0
"2014-07-14	01:00:00"	4.7672	165.63	78.5	43.862	0.0496	26.565	0
"2014-07-14	02:00:00"	6.9196	158.77	76.835	47.771	0.08797	26.562	0
"2014-07-14	03:00:00"	5.0319	178.93	74.598	52.428	0.07822	26.559	0
"2014-07-14	04:00:00"	4.4683	177.4	72.807	55.616	0.06147	26.553	0
"2014-07-14	05:00:00"	4.129	173.95	71.675	57.934	0.06953	26.547	0
"2014-07-14	06:00:00"	5.3301	166.77	71.587	58.32	0.06995	26.547	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-14"	07:00:00"	4.3049	213.09	70.768	60.465	0.78072	26.559	0
"2014-07-14"	08:00:00"	2.4998	240.02	70.825	61.97	59.582	26.568	0
"2014-07-14"	09:00:00"	2.1263	290.71	74.305	57.076	237.84	26.589	0
"2014-07-14"	10:00:00"	3.1187	129.43	78.238	47.453	449.33	26.583	0
"2014-07-14"	11:00:00"	5.8166	173.03	80.869	41.421	678.12	26.583	0
"2014-07-14"	12:00:00"	3.3312	113.67	83.946	34.77	861.3	26.577	0
"2014-07-14"	13:00:00"	4.1216	163.9	87.301	29.097	990.5	26.559	0
"2014-07-14"	14:00:00"	7.3067	120.36	90.37	24.107	1076.4	26.539	0
"2014-07-14"	15:00:00"	7.5869	104.85	91.746	22.674	1030.6	26.509	0
"2014-07-14"	16:00:00"	8.7806	110.84	92.244	21.726	731.96	26.494	0
"2014-07-14"	17:00:00"	6.7655	108.71	92.716	21.188	685.35	26.485	0
"2014-07-14"	18:00:00"	7.6913	130.54	93.43	19.756	669.09	26.477	0
"2014-07-14"	19:00:00"	7.8684	58.122	91.924	22.662	350.45	26.471	0
"2014-07-14"	20:00:00"	10.496	42.557	89.497	27.497	262.7	26.462	0
"2014-07-14"	21:00:00"	6.5045	51.474	87.743	28.696	60.371	26.477	0
"2014-07-14"	22:00:00"	4.9157	57.592	85.107	30.754	0.22406	26.5	0
"2014-07-14"	23:00:00"	4.8796	64.172	83.345	32.162	0.085	26.521	0
"2014-07-15"	00:00:00"	12.478	80.634	81.771	37.248	0.08628	26.545	0
"2014-07-15"	01:00:00"	18.183	38.608	75.924	53.204	0.08564	26.589	0
"2014-07-15"	02:00:00"	19.067	18.936	70.133	65.809	0.0708	26.601	0
"2014-07-15"	03:00:00"	15.395	28.607	69.732	65.513	0.09285	26.601	0
"2014-07-15"	04:00:00"	11.124	31.996	70.016	67.548	0.10663	26.586	0
"2014-07-15"	05:00:00"	8.3369	38.022	70.336	66.244	0.06169	26.598	0
"2014-07-15"	06:00:00"	6.6282	31.482	70.52	65.613	0.08734	26.595	0
"2014-07-15"	07:00:00"	7.8964	46.081	68.308	78.021	0.07801	26.601	0.02
"2014-07-15"	08:00:00"	10.285	57.162	65.901	85.752	0.76355	26.604	0.06
"2014-07-15"	09:00:00"	7.5726	48.515	65.847	87.585	5.1941	26.618	0.12
"2014-07-15"	10:00:00"	7.8075	73.732	65.745	88.025	31.841	26.618	0.04
"2014-07-15"	11:00:00"	7.531	75.376	67.252	83.796	301.39	26.615	0
"2014-07-15"	12:00:00"	4.5646	24.548	70.985	74.616	437.26	26.612	0
"2014-07-15"	13:00:00"	4.8082	38.65	73.348	68.004	616.2	26.598	0
"2014-07-15"	14:00:00"	5.0064	66.068	75.651	60.237	741.69	26.586	0
"2014-07-15"	15:00:00"	5.8751	86.772	78.853	52.761	1103.6	26.565	0
"2014-07-15"	16:00:00"	5.1903	133.3	81.056	45.545	1049.1	26.539	0
"2014-07-15"	17:00:00"	5.0387	107.68	82.201	43.315	827.85	26.515	0
"2014-07-15"	18:00:00"	6.2827	104.84	82.935	43.823	548.44	26.491	0
"2014-07-15"	19:00:00"	8.4724	97.543	83.434	43.973	464.71	26.474	0
"2014-07-15"	20:00:00"	8.2729	102.53	83.483	41.986	276.65	26.474	0
"2014-07-15"	21:00:00"	11.311	102.39	81.384	47.618	53.826	26.48	0
"2014-07-15"	22:00:00"	9.7586	111.73	79.071	52.734	0.23805	26.518	0
"2014-07-15"	23:00:00"	14.977	118.92	76.448	58.297	0.06783	26.53	0
"2014-07-16"	00:00:00"	11.204	117.05	74.194	65.842	0.07356	26.512	0
"2014-07-16"	01:00:00"	11.334	132.96	72.99	68.398	0.05702	26.509	0
"2014-07-16"	02:00:00"	9.1571	131.08	71.678	71.731	0.07123	0.26488	0
"2014-07-16"	03:00:00"	5.025	145.02	71.289	74.73	0.08119	26.515	0
"2014-07-16"	04:00:00"	4.1073	141.91	70.648	75.897	0.07207	26.503	0
"2014-07-16"	05:00:00"	3.7643	192.25	69.84	78.516	0.07165	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-16"	06:00:00"	2.5333	196.02	70.181	77.008	0.08458	26.488	0
"2014-07-16"	07:00:00"	5.8415	180.67	69.763	75.904	0.35994	26.491	0
"2014-07-16"	08:00:00"	5.2891	186.4	69.148	77.942	31.261	26.497	0
"2014-07-16"	09:00:00"	2.9385	201.42	69.87	76.438	113.54	26.5	0
"2014-07-16"	10:00:00"	5.0188	189.47	71.286	72.244	273.81	26.485	0
"2014-07-16"	11:00:00"	3.6064	181.48	73.929	64.596	513.65	26.459	0
"2014-07-16"	12:00:00"	5.9919	167.43	76.625	55.456	846.08	26.459	0
"2014-07-16"	13:00:00"	5.4911	161.3	79.776	46.722	1004.5	26.447	0
"2014-07-16"	14:00:00"	5.0946	197.01	82.267	42.256	1028.5	26.438	0
"2014-07-16"	15:00:00"	6.4765	156.12	84.436	36.009	1014.2	26.415	0
"2014-07-16"	16:00:00"	7.8268	173.19	86.329	31.268	903.14	26.385	0
"2014-07-16"	17:00:00"	7.1855	180.19	88.159	30.169	877.18	26.353	0
"2014-07-16"	18:00:00"	6.0049	237.33	89.233	28.959	446.28	26.338	0
"2014-07-16"	19:00:00"	7.1259	192.94	88.611	29.695	294.97	26.323	0
"2014-07-16"	20:00:00"	6.3852	170.17	88.182	31.293	129.07	26.323	0
"2014-07-16"	21:00:00"	6.228	139.42	87.389	33.04	58.348	26.329	0
"2014-07-16"	22:00:00"	14.556	170.52	82.02	46.258	0.13482	26.335	0
"2014-07-16"	23:00:00"	9.8369	171.44	78.504	55.114	0.08946	26.356	0
"2014-07-17"	00:00:00"	7.3589	171.03	77.152	57.213	0.09221	26.376	0
"2014-07-17"	01:00:00"	6.4028	165.51	76.251	60.73	0.08477	26.37	0
"2014-07-17"	02:00:00"	5.7775	147.88	75.218	64.332	0.0566	26.347	0
"2014-07-17"	03:00:00"	6.6437	149.11	74.465	66.617	0.07292	26.353	0
"2014-07-17"	04:00:00"	8.153	143.34	73.632	70.911	0.07377	26.353	0
"2014-07-17"	05:00:00"	8.7091	168.94	73.222	67.71	0.06635	26.341	0
"2014-07-17"	06:00:00"	8.3357	158.37	72.309	66.784	0.07186	26.338	0
"2014-07-17"	07:00:00"	5.7787	139.88	71.309	70.681	0.09687	26.35	0
"2014-07-17"	08:00:00"	3.3654	61.966	70.526	76.017	10.85	26.37	0.11
"2014-07-17"	09:00:00"	6.978	51.34	69.253	85.665	40.226	26.388	0
"2014-07-17"	10:00:00"	8.6843	66.614	69.448	84.294	211.17	26.412	0
"2014-07-17"	11:00:00"	10.005	78.69	70.125	82.46	271.34	26.412	0
"2014-07-17"	12:00:00"	7.311	75.423	72.69	75.017	425	26.423	0
"2014-07-17"	13:00:00"	6.7773	37.169	73.785	72.213	265.84	26.42	0
"2014-07-17"	14:00:00"	7.6422	65.049	73.756	72.555	408.99	26.415	0
"2014-07-17"	15:00:00"	9.1491	47.813	76.903	63.308	775.71	26.412	0
"2014-07-17"	16:00:00"	12.07	57.719	78.6	58.517	969.92	26.403	0
"2014-07-17"	17:00:00"	10.892	66.671	79.509	55.323	838.54	26.397	0
"2014-07-17"	18:00:00"	10.458	65.229	80.471	52.024	647.92	26.391	0
"2014-07-17"	19:00:00"	13.362	74.223	79.479	54.284	420.41	26.403	0
"2014-07-17"	20:00:00"	12.663	75.742	77.331	58.242	92.603	26.412	0
"2014-07-17"	21:00:00"	14.437	72.39	73.604	65.986	33.799	26.429	0
"2014-07-17"	22:00:00"	12.132	72.011	71.647	69.785	0.10578	26.453	0
"2014-07-17"	23:00:00"	9.3336	79.218	70.323	72.711	0.06889	26.488	0
"2014-07-18"	00:00:00"	7.3291	75.252	69.376	75.305	0.06041	26.5	0
"2014-07-18"	01:00:00"	9.4459	81.981	68.53	76.016	0.06173	26.5	0
"2014-07-18"	02:00:00"	8.2419	85.463	67.463	78.128	0.06444	26.488	0
"2014-07-18"	03:00:00"	6.3218	66.437	67.044	78.523	0.07186	0	0
"2014-07-18"	04:00:00"	4.9598	49.76	66.228	81.31	0.07483	26.485	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-18	05:00:00"	5.0542	74.195	65.664	83.709	0.07419	26.494	0
"2014-07-18	06:00:00"	6.5064	67.918	64.784	84.716	0.07356	26.509	0
"2014-07-18	07:00:00"	7.9368	86.592	65.001	84.575	0.45364	26.527	0
"2014-07-18	08:00:00"	8.2058	90.693	64.779	84.044	8.6199	26.533	0
"2014-07-18	09:00:00"	8.8241	89.515	65.183	81.841	52.899	26.547	0
"2014-07-18	10:00:00"	9.0646	98.686	66.122	77.621	128.22	26.547	0
"2014-07-18	11:00:00"	8.3866	100.37	67.08	75.457	214.42	26.542	0
"2014-07-18	12:00:00"	6.4939	101.33	69.692	68.395	628.03	26.53	0
"2014-07-18	13:00:00"	4.8113	126.14	73.433	60.823	898.94	26.518	0
"2014-07-18	14:00:00"	5.8664	157.66	76.468	56.46	973.55	26.503	0
"2014-07-18	15:00:00"	6.128	180.31	78.549	54.531	863.26	26.483	0
"2014-07-18	16:00:00"	6.3492	147.16	80.887	50.32	784.13	26.462	0
"2014-07-18	17:00:00"	6.3635	158.14	83.17	45.631	819.66	26.444	0
"2014-07-18	18:00:00"	7.4738	166.87	84.061	43.904	671.41	26.429	0
"2014-07-18	19:00:00"	7.979	146.45	84.51	41.707	459.33	26.418	0
"2014-07-18	20:00:00"	8.2878	165.39	84.82	41.41	250.71	26.426	0
"2014-07-18	21:00:00"	8.5942	156.98	83.94	44.024	57.355	26.444	0
"2014-07-18	22:00:00"	9.9109	142.37	81.381	49.14	0.34637	26.45	0
"2014-07-18	23:00:00"	8.8465	136.98	79.06	54.636	0.07186	26.456	0
"2014-07-19	00:00:00"	9.264	139.37	76.969	60.439	0.08712	26.462	0
"2014-07-19	01:00:00"	8.7563	139.61	75.175	66.04	0.07356	26.468	0
"2014-07-19	02:00:00"	8.2996	133.99	73.575	70.175	0.06783	26.471	0
"2014-07-19	03:00:00"	9.3603	135.53	72.248	73.452	0.06487	26.462	0
"2014-07-19	04:00:00"	9.6344	133.56	70.902	76.661	0.07398	26.471	0
"2014-07-19	05:00:00"	8.107	107.34	69.423	79.988	0.09052	26.477	0
"2014-07-19	06:00:00"	8.4972	113.33	68.332	83.514	0.08034	26.485	0
"2014-07-19	07:00:00"	9.8406	142.22	68.417	86.212	0.51426	26.485	0
"2014-07-19	08:00:00"	10.113	155.31	69.445	85.224	18.785	26.491	0
"2014-07-19	09:00:00"	12.653	155.7	70.858	82.858	97.245	26.494	0
"2014-07-19	10:00:00"	11.997	167.63	73.358	77.288	286.38	26.512	0
"2014-07-19	11:00:00"	11.011	167.29	76.4	69.519	640.15	26.506	0
"2014-07-19	12:00:00"	9.2037	157.52	79.642	61.544	826.46	26.494	0
"2014-07-19	13:00:00"	9.8183	150.67	83.111	53.745	965.08	26.477	0
"2014-07-19	14:00:00"	10.373	160.8	86.28	46.653	1027.9	26.462	0
"2014-07-19	15:00:00"	9.5958	159.72	88.677	40.755	1023.3	26.45	0
"2014-07-19	16:00:00"	9.9065	149.9	90.915	36.57	970.13	26.435	0
"2014-07-19	17:00:00"	8.2431	153.78	92.211	33.375	850.24	26.42	0
"2014-07-19	18:00:00"	10.126	143.96	92.742	32.714	635.33	26.406	0
"2014-07-19	19:00:00"	9.548	148.65	92.814	31.921	446.5	26.403	0
"2014-07-19	20:00:00"	10.179	139.3	92.499	32.202	239.41	26.406	0
"2014-07-19	21:00:00"	13.375	147.66	89.609	37.528	56.738	26.426	0
"2014-07-19	22:00:00"	11.036	141.05	86.723	41.673	0.45978	26.432	0
"2014-07-19	23:00:00"	11.188	152.6	84.68	46.718	0.06911	26.462	0
"2014-07-20	00:00:00"	12.286	154.97	82.589	51.298	0.08098	26.474	0
"2014-07-20	01:00:00"	7.2489	151.85	80.774	54.427	0.05935	26.5	0
"2014-07-20	02:00:00"	8.4475	152.27	79.424	56.172	0.07525	26.5	0
"2014-07-20	03:00:00"	5.7477	203.4	77.791	59.908	0.06614	26.515	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-20	04:00:00"	5.3109	247.38	76.465	62.148	0.07674	26.483	0
"2014-07-20	05:00:00"	7.7864	214.46	74.47	64.459	0.06571	26.418	0
"2014-07-20	06:00:00"	9.6381	165.73	75.155	65.721	0.0797	26.423	0
"2014-06-01	00:00:00"	14.544	167.11	81.103	39.732	0.08712	26.397	0
"2014-06-01	01:00:00"	11.225	172.79	78.917	44.499	0.0797	26.4	0
"2014-06-01	02:00:00"	10.035	177.59	77.071	49.012	0.07886	26.4	0
"2014-06-01	03:00:00"	11.878	180.83	75.915	50.816	0.08458	26.391	0
"2014-06-01	04:00:00"	10.606	181.8	74.266	52.738	0.05893	26.385	0
"2014-06-01	05:00:00"	9.8158	178.42	72.716	55.734	0.07589	26.379	0
"2014-06-01	06:00:00"	8.4127	178.77	71.128	58.811	0.06847	26.379	0
"2014-06-01	07:00:00"	7.5615	180.77	69.93	61.557	3.1343	26.385	0
"2014-06-01	08:00:00"	7.0992	183.08	69.838	62.927	83.812	26.391	0
"2014-06-01	09:00:00"	13.458	198.73	74.023	59.021	266.68	26.406	0
"2014-06-01	10:00:00"	15.903	199.58	78.306	49.721	488.51	26.406	0
"2014-06-01	11:00:00"	15.783	205.4	82.312	41.761	701.11	26.397	0
"2014-06-01	12:00:00"	15.22	208.73	86.951	32.904	881.6	26.388	0
"2014-06-01	13:00:00"	13.712	221.23	90.868	25.007	1013.7	26.385	0
"2014-06-01	14:00:00"	11.48	224.99	93.348	21.563	1079.8	26.364	0
"2014-06-01	15:00:00"	11.26	226.73	95.258	18.953	1081.4	26.338	0
"2014-06-01	16:00:00"	10.857	217.68	97.234	16.966	1010.2	26.314	0
"2014-06-01	17:00:00"	13.141	205.09	98.896	15.671	886.75	26.288	0
"2014-06-01	18:00:00"	11.766	223.22	99.913	13.508	694.58	26.267	0
"2014-06-01	19:00:00"	15.806	208.28	99.014	14.719	382.38	26.255	0
"2014-06-01	20:00:00"	19.948	193.94	95.718	19.255	129.73	26.255	0
"2014-06-01	21:00:00"	18.014	195.91	92.851	22.354	36.906	26.276	0
"2014-06-01	22:00:00"	15.933	198.33	89.339	27.044	0.2584	26.291	0
"2014-06-01	23:00:00"	18.184	200.72	86.329	31.974	0.06847	26.305	0
"2014-06-02	00:00:00"	17.149	203.19	83.61	35.676	0.07101	26.308	0
"2014-06-02	01:00:00"	12.788	210.22	80.899	40.286	0.05321	26.305	0
"2014-06-02	02:00:00"	12.704	211.23	78.795	44.209	0.05405	26.299	0
"2014-06-02	03:00:00"	10.673	211.93	76.81	48.953	0.07123	26.299	0
"2014-06-02	04:00:00"	8.4972	210.91	74.916	53.252	0.08522	26.299	0
"2014-06-02	05:00:00"	8.2835	212.95	72.853	58.728	0.10514	26.305	0
"2014-06-02	06:00:00"	10.051	222.53	71.859	62.106	0.06232	26.305	0
"2014-06-02	07:00:00"	7.3229	230.67	70.138	66.062	3.4406	26.323	0
"2014-06-02	08:00:00"	6.379	250.7	69.507	68.277	89.461	26.344	0
"2014-06-02	09:00:00"	8.5351	245.14	72.31	63.551	280.89	26.364	0
"2014-06-02	10:00:00"	8.4935	255.2	76.578	53.686	509.48	26.376	0
"2014-06-02	11:00:00"	6.3572	293.31	82.895	37.699	724.08	26.385	0
"2014-06-02	12:00:00"	5.739	326.26	88.772	24.284	910.45	26.385	0
"2014-06-02	13:00:00"	9.6511	29.978	92.728	19.663	1028.4	26.388	0
"2014-06-02	14:00:00"	11.187	43.329	94.456	20.788	1071.1	26.379	0
"2014-06-02	15:00:00"	10.917	59.855	96.147	19.66	1103.9	26.367	0
"2014-06-02	16:00:00"	8.9626	44.774	98.082	15.371	1036.4	26.35	0
"2014-06-02	17:00:00"	6.9165	50.024	99.124	12.336	901.33	26.344	0
"2014-06-02	18:00:00"	5.7458	58.707	99.657	11.936	692.04	26.338	0
"2014-06-02	19:00:00"	6.4268	84.544	99.45	13.341	505.49	26.338	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-02	20:00:00"	7.1408	75.555	98.164	14.69	274.37	26.35	0
"2014-06-02	21:00:00"	8.5501	98.348	95.466	18.706	57.297	26.367	0
"2014-06-02	22:00:00"	11.051	111.58	90.641	29.691	0.13588	26.379	0
"2014-06-02	23:00:00"	14.059	160.7	87.87	35.998	0.08288	26.412	0
"2014-06-03	00:00:00"	14.886	177.39	84.755	39.069	0.04812	26.423	0
"2014-06-03	01:00:00"	14.434	179.91	81.731	42.847	0.06762	26.42	0
"2014-06-03	02:00:00"	11.682	179	78.985	45.722	0.0761	26.42	0
"2014-06-03	03:00:00"	10.217	181.22	76.575	49.537	0.09052	26.423	0
"2014-06-03	04:00:00"	8.7091	181.38	74.615	53.683	0.0708	26.42	0
"2014-06-03	05:00:00"	7.5913	178.28	72.688	57.982	0.09115	26.42	0
"2014-06-03	06:00:00"	7.1427	173.45	71.006	61.994	0.06953	26.429	0
"2014-06-03	07:00:00"	8.9776	164.05	70.149	64.599	4.3946	26.432	0
"2014-06-03	08:00:00"	9.4305	159.95	69.652	67.048	95.176	26.444	0
"2014-06-03	09:00:00"	12.173	187.36	71.818	66.567	273.01	26.459	0
"2014-06-03	10:00:00"	11.031	184.4	75.357	60.355	509.28	26.462	0
"2014-06-03	11:00:00"	11.376	189.18	79.364	52.011	709.58	26.459	0
"2014-06-03	12:00:00"	11.103	182.34	83.716	43.462	899.44	26.456	0
"2014-06-03	13:00:00"	12.545	183.05	87.491	35.614	1029.3	26.441	0
"2014-06-03	14:00:00"	11.349	186.29	89.878	30.939	1097	26.423	0
"2014-06-03	15:00:00"	12.28	192.17	92.335	25.318	1098.8	26.4	0
"2014-06-03	16:00:00"	12.765	189.89	94.432	21.92	1025.5	26.379	0
"2014-06-03	17:00:00"	13.128	198.45	95.75	19.431	894.93	26.364	0
"2014-06-03	18:00:00"	13.739	204.37	96.004	18.945	707.2	26.356	0
"2014-06-03	19:00:00"	14.303	198.67	95.232	21.082	479.86	26.353	0
"2014-06-03	20:00:00"	15.305	191.81	93.272	23.276	275.59	26.347	0
"2014-06-03	21:00:00"	17.635	184.46	89.463	30.283	43.948	26.341	0
"2014-06-03	22:00:00"	16.924	187.5	85.024	37.553	0.15665	26.353	0
"2014-06-03	23:00:00"	16.941	194.95	81.836	41.497	0.0708	26.37	0
"2014-06-04	00:00:00"	17.723	199.96	78.909	46.086	0.08331	26.367	0
"2014-06-04	01:00:00"	16.171	203.91	76.773	51.008	0.0831	26.361	0
"2014-06-04	02:00:00"	15.449	207.87	75.206	55.733	0.08013	26.353	0
"2014-06-04	03:00:00"	13.853	212.84	73.883	58.876	0.08882	26.347	0
"2014-06-04	04:00:00"	11.034	210.37	72.699	61.01	0.08055	26.329	0
"2014-06-04	05:00:00"	10.459	209.96	71.469	63.498	0.06487	26.32	0
"2014-06-04	06:00:00"	8.7383	215.13	70.549	65.222	0.07652	26.332	0
"2014-06-04	07:00:00"	5.9881	226.12	69.593	66.894	1.9689	26.338	0
"2014-06-04	08:00:00"	7.1004	220.3	69.615	67.071	89.457	26.338	0
"2014-06-04	09:00:00"	12.915	218.25	72.602	61.286	277.18	26.35	0
"2014-06-04	10:00:00"	9.9742	220.28	76.996	52.691	498.41	26.356	0
"2014-06-04	11:00:00"	8.1915	233.15	82.43	42.298	713.93	26.35	0
"2014-06-04	12:00:00"	8.1698	247.52	88.419	32.6	897.63	26.344	0
"2014-06-04	13:00:00"	8.4364	257.73	93.691	24.861	1028.8	26.338	0
"2014-06-04	14:00:00"	7.4813	243.44	97.28	19.973	1098.2	26.32	0
"2014-06-04	15:00:00"	6.8686	221.83	99.363	16.439	1099.9	26.296	0
"2014-06-04	16:00:00"	6.5418	228.09	101.56	13.345	1015	26.279	0
"2014-06-04	17:00:00"	8.3916	208.77	102.5	12.667	891.87	26.258	0
"2014-06-04	18:00:00"	10.744	210.03	102.9	12.339	715.81	26.243	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-04	19:00:00"	12.972	213.04	102.06	13.462	502.29	26.24	0
"2014-06-04	20:00:00"	17.479	202.18	99.731	15.556	279.35	26.249	0
"2014-06-04	21:00:00"	19.034	196.45	95.424	18.058	61.042	26.255	0
"2014-06-04	22:00:00"	17.315	195.75	90.622	22.378	0.23805	26.267	0
"2014-06-04	23:00:00"	15.438	194.53	86.756	26.521	0.07059	26.285	0
"2014-06-05	00:00:00"	13.972	208.83	83.391	32.245	0.07334	26.299	0
"2014-06-05	01:00:00"	15.503	206.22	80.595	38.721	0.07419	26.302	0
"2014-06-05	02:00:00"	13.51	214.87	78.097	45.348	0.04558	26.299	0
"2014-06-05	03:00:00"	11.763	215.17	76.282	49.546	0.08076	26.288	0
"2014-06-05	04:00:00"	10.796	213.98	74.538	52.463	0.05935	26.282	0
"2014-06-05	05:00:00"	8.5786	219.8	73.145	54.967	0.07504	26.276	0
"2014-06-05	06:00:00"	6.9538	232.95	71.781	57.854	0.06593	26.27	0
"2014-06-05	07:00:00"	7.7243	215.68	69.746	62.418	3.8981	26.276	0
"2014-06-05	08:00:00"	8.8856	226.37	70.203	62.675	91.074	26.282	0
"2014-06-05	09:00:00"	11.667	218.8	74.29	55.319	278.84	26.294	0
"2014-06-05	10:00:00"	9.9929	217.49	78.008	48.057	501.4	26.305	0
"2014-06-05	11:00:00"	6.8562	232.88	82.538	39.633	715.12	26.302	0
"2014-06-05	12:00:00"	4.4341	263.67	88.384	29.294	896.1	26.305	0
"2014-06-05	13:00:00"	3.883	72.921	93.105	21.621	1028.2	26.296	0
"2014-06-05	14:00:00"	7.8784	84.43	96.895	16.731	1091.4	26.285	0
"2014-06-05	15:00:00"	6.8593	85.571	99.355	13.275	1096.5	26.267	0
"2014-06-05	16:00:00"	6.4082	117.01	100.69	12.866	1023.5	26.249	0
"2014-06-05	17:00:00"	6.2876	140.83	101.88	12.521	891.39	26.229	0
"2014-06-05	18:00:00"	7.2887	180.79	102.99	11.363	665.76	26.214	0
"2014-06-05	19:00:00"	10.53	185.87	102.05	11.349	230.63	26.208	0
"2014-06-05	20:00:00"	20.784	190.73	98.308	16.169	86.001	26.205	0
"2014-06-05	21:00:00"	18.572	189.88	93.891	22.367	38.869	26.255	0
"2014-06-05	22:00:00"	14.648	181.76	88.673	31.518	1.5375	26.264	0.01
"2014-06-05	23:00:00"	15.619	192.18	85.525	36.889	0.06974	26.288	0
"2014-06-06	00:00:00"	16.765	192.21	82.799	41.667	0.05427	26.294	0
"2014-06-06	01:00:00"	16.976	196.88	80.301	48.586	0.08373	26.291	0
"2014-06-06	02:00:00"	13.883	197.47	77.964	54.974	0.07801	26.288	0
"2014-06-06	03:00:00"	11.696	199.61	76.151	59.082	0.06338	26.273	0
"2014-06-06	04:00:00"	9.3025	224.41	74.59	62.178	0.06995	26.276	0
"2014-06-06	05:00:00"	7.4639	212.61	73.182	65.214	0.06762	26.276	0
"2014-06-06	06:00:00"	7.7	197.88	72.375	66.927	0.08119	26.276	0
"2014-06-06	07:00:00"	6.9003	192.22	71.651	68.098	2.4668	26.294	0
"2014-06-06	08:00:00"	7.3042	168.96	71.725	68.012	91.386	26.329	0
"2014-06-06	09:00:00"	9.9376	125.63	73.957	63.984	277.66	26.341	0
"2014-06-06	10:00:00"	13.188	165.83	77.849	56.317	497.43	26.332	0
"2014-06-06	11:00:00"	13.081	177.81	81.769	48.744	707.78	26.323	0
"2014-06-06	12:00:00"	12.619	180.1	85.603	41.122	883.23	26.326	0
"2014-06-06	13:00:00"	12.965	170.81	89.4	34.298	1011.9	26.317	0
"2014-06-06	14:00:00"	13.916	177.24	92.229	29.646	1078.2	26.302	0
"2014-06-06	15:00:00"	14.858	185.56	94.472	25.701	1077.4	26.279	0
"2014-06-06	16:00:00"	16.069	188.49	95.501	23.409	1010	26.261	0
"2014-06-06	17:00:00"	17.539	188.8	96.103	23.036	879.38	26.243	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-06	18:00:00"	18.619	190.46	95.345	23.439	712.08	26.223	0
"2014-06-06	19:00:00"	22.164	189.91	92.423	26.73	209.58	26.243	0
"2014-06-06	20:00:00"	19.859	206.05	90.844	22.682	74.062	26.217	0
"2014-06-06	21:00:00"	24.465	193.45	86.845	33.572	39.982	26.22	0
"2014-06-06	22:00:00"	21.733	194.19	84.53	37.684	1.7348	26.252	0
"2014-06-06	23:00:00"	21.389	196.23	81.768	44.015	0.07843	26.264	0
"2014-06-07	00:00:00"	20.096	199.14	79.609	49.478	0.09921	26.282	0
"2014-06-07	01:00:00"	19.701	201.29	78.104	52.667	0.05851	26.273	0
"2014-06-07	02:00:00"	15.788	179.42	77.333	54.031	0.06147	26.276	0
"2014-06-07	03:00:00"	12.933	161.89	76.597	55.503	0.06635	26.288	0
"2014-06-07	04:00:00"	12.005	159.64	75.675	56.671	0.05872	26.294	0
"2014-06-07	05:00:00"	13.981	166.97	74.686	58.284	0.06741	26.296	0
"2014-06-07	06:00:00"	12.19	171.23	73.311	61.608	0.07101	26.296	0
"2014-06-07	07:00:00"	12.164	175.68	71.838	65.849	2.3557	26.294	0
"2014-06-07	08:00:00"	12.432	169.48	71.621	67.964	78.315	26.329	0
"2014-06-07	09:00:00"	16.29	176.46	73.122	64.143	264.2	26.353	0
"2014-06-07	10:00:00"	14.146	167.47	74.876	60.349	420.12	26.376	0
"2014-06-07	11:00:00"	14.431	168.36	76.828	56.104	602	26.361	0
"2014-06-07	12:00:00"	12.483	175.54	79.904	48.966	870.14	26.37	0
"2014-06-07	13:00:00"	9.5132	168.73	82.977	42.717	971.46	26.358	0
"2014-06-07	14:00:00"	8.3574	168.4	86.075	37.646	1060.1	26.344	0
"2014-06-07	15:00:00"	7.7106	173.17	88.863	33.242	1078.5	26.323	0
"2014-06-07	16:00:00"	7.006	182.39	91.136	29.445	1006.9	26.308	0
"2014-06-07	17:00:00"	7.8802	174.44	92.684	27.869	695.39	26.288	0
"2014-06-07	18:00:00"	9.3703	170.8	92.669	28.134	417.42	26.267	0
"2014-06-07	19:00:00"	13.127	161.67	91.617	30.476	171.35	26.267	0
"2014-06-07	20:00:00"	17.023	174.59	89.044	34.559	146.68	26.267	0
"2014-06-07	21:00:00"	13.148	160.46	85.623	42.526	54.171	26.282	0
"2014-06-07	22:00:00"	12.37	175.44	83.097	45.25	0.35634	26.308	0
"2014-06-07	23:00:00"	13.711	174.42	80.606	48.539	0.06232	26.308	0
"2014-06-08	00:00:00"	12.094	181.79	79.211	50.441	0.06105	26.326	0
"2014-06-08	01:00:00"	13.324	186.47	78.684	51.043	0.06236	26.332	0
"2014-06-08	02:00:00"	9.008	145.07	77.565	53.154	0.0744	26.364	0
"2014-06-08	03:00:00"	15.076	101.2	71.004	67.977	0.07229	26.382	0
"2014-06-08	04:00:00"	16.558	67.397	65.538	80.319	0.09603	26.37	0
"2014-06-08	05:00:00"	14.365	86.085	63.848	77.663	0.06359	26.361	0
"2014-06-08	06:00:00"	13.896	103.49	63.347	81.884	0.09115	26.367	0
"2014-06-08	07:00:00"	9.9568	109.7	63.184	81.463	0.58125	26.382	0
"2014-06-08	08:00:00"	7.7907	95.387	63.745	78.934	27.735	26.412	0
"2014-06-08	09:00:00"	6.6052	98.795	64.771	75.215	38.803	26.441	0
"2014-06-08	10:00:00"	7.7205	127.11	65.251	73.752	60.631	26.415	0
"2014-06-08	11:00:00"	8.5345	157.04	67.385	70.648	306.97	26.423	0
"2014-06-08	12:00:00"	10.069	95.493	68.127	67.761	115.24	26.447	0
"2014-06-08	13:00:00"	8.4301	105.07	65.494	82.208	218.21	26.435	0.02
"2014-06-08	14:00:00"	8.8067	125.42	67.564	78.245	382.21	26.42	0
"2014-06-08	15:00:00"	10.499	97.026	68.453	75.118	397.32	26.391	0
"2014-06-08	16:00:00"	10.61	112.43	72.562	65.138	699.19	26.361	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-08	17:00:00"	11.195	123.55	75.727	59.186	512.01	26.344	0
"2014-06-08	18:00:00"	12.417	153.2	79.371	51.073	591.67	26.299	0
"2014-06-08	19:00:00"	13.3	171.03	81.33	48.048	375.74	26.285	0
"2014-06-08	20:00:00"	12.33	153.57	80.485	50.116	41.882	26.282	0
"2014-06-08	21:00:00"	10.035	116.09	78.354	56.303	1.5057	26.317	0
"2014-06-08	22:00:00"	13.165	145.73	76.751	63.202	0.10133	26.332	0
"2014-06-08	23:00:00"	13.415	193.54	74.834	64.179	0.07843	26.305	0
"2014-06-09	00:00:00"	11.908	202.93	72.983	65.905	0.07631	26.291	0
"2014-06-09	01:00:00"	15.173	214.5	72.027	70.604	0.06359	26.282	0
"2014-06-09	02:00:00"	13.696	222.11	70.701	75.289	0.06889	26.27	0
"2014-06-09	03:00:00"	10.793	236.81	69.697	78.926	0.05766	26.261	0
"2014-06-09	04:00:00"	8.4202	244.18	68.968	80.883	0.05702	26.258	0
"2014-06-09	05:00:00"	10.151	146.43	68.418	81.215	0.08055	26.338	0
"2014-06-09	06:00:00"	18.212	77.831	61.05	73.733	0.06211	26.364	0
"2014-06-09	07:00:00"	15.078	81.545	60.555	73.654	1.5424	26.37	0
"2014-06-09	08:00:00"	13.726	70.521	60.773	74.331	33.97	26.403	0
"2014-06-09	09:00:00"	18.187	54.19	62.112	68.048	148.33	26.423	0
"2014-06-09	10:00:00"	18.631	54.358	63.857	59.592	329.17	26.438	0
"2014-06-09	11:00:00"	15.495	59.908	66.568	51.902	573.34	26.456	0
"2014-06-09	12:00:00"	14.456	47.602	69.661	45.384	868.82	26.462	0
"2014-06-09	13:00:00"	14.167	46.423	72.323	36.758	1033.1	26.456	0
"2014-06-09	14:00:00"	13.748	53.057	74.273	31.644	1099.7	26.441	0
"2014-06-09	15:00:00"	8.839	42.775	76.33	28.43	1101.9	26.426	0
"2014-06-09	16:00:00"	9.2342	31.755	77.706	26.375	1039.9	26.406	0
"2014-06-09	17:00:00"	10.051	13.091	79.884	22.888	911.8	26.403	0
"2014-06-09	18:00:00"	9.7884	17.886	80.297	22.165	732.29	26.397	0
"2014-06-09	19:00:00"	9.1049	36.248	80.255	22.098	519.81	26.391	0
"2014-06-09	20:00:00"	9.0447	61.473	79.503	21.504	293.67	26.382	0
"2014-06-09	21:00:00"	6.077	79.308	77.512	22.583	64.539	26.397	0
"2014-06-09	22:00:00"	4.8399	99.149	73.125	27.556	0.48671	26.412	0
"2014-06-09	23:00:00"	5.7073	101.6	70.468	30.766	0.07101	26.438	0
"2014-06-10	00:00:00"	3.9271	117.82	67.984	33.395	0.06699	26.453	0
"2014-06-10	01:00:00"	7.8019	87.864	64.054	41.728	0.07356	26.462	0
"2014-06-10	02:00:00"	9.1068	88.123	62.682	50.502	0.08543	26.459	0
"2014-06-10	03:00:00"	6.1584	88.219	59.677	59.128	0.07165	26.459	0
"2014-06-10	04:00:00"	4.8013	78.91	56.616	67.146	0.07186	26.459	0
"2014-06-10	05:00:00"	5.1108	71.505	55.113	72.427	0.07356	26.462	0
"2014-06-10	06:00:00"	5.5482	66.928	54.517	74.779	0.06126	26.465	0
"2014-06-10	07:00:00"	5.6961	57.112	54.089	75.912	3.8307	26.474	0
"2014-06-10	08:00:00"	4.6174	40.526	56.33	70.263	89.905	26.494	0
"2014-06-10	09:00:00"	7.3626	62.831	61.895	55.421	280.23	26.506	0
"2014-06-10	10:00:00"	7.2433	89.554	66.477	44.517	506.17	26.509	0
"2014-06-10	11:00:00"	4.3011	118.45	70.697	35.004	721.35	26.509	0
"2014-06-10	12:00:00"	4.5292	196.89	75.007	27.271	902.75	26.5	0
"2014-06-10	13:00:00"	7.5497	238.01	78.04	25.357	1034.9	26.483	0
"2014-06-10	14:00:00"	7.7653	235.56	80.17	24.58	1103.9	26.465	0
"2014-06-10	15:00:00"	6.8885	225.89	82.545	22.231	1108.7	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-10	16:00:00"	6.0807	273.3	85.827	18.963	1042.7	26.415	0
"2014-06-10	17:00:00"	6.1839	225.7	87.023	17.493	914.28	26.388	0
"2014-06-10	18:00:00"	5.7576	237.29	88.754	16.095	734.24	26.367	0
"2014-06-10	19:00:00"	5.1021	231.63	89.707	15.214	521.35	26.353	0
"2014-06-10	20:00:00"	6.0242	214.21	89.207	15.319	290.62	26.356	0
"2014-06-10	21:00:00"	5.1077	201.6	87.394	16.317	61.818	26.356	0
"2014-06-10	22:00:00"	4.4105	175.82	83.486	18.742	0.41675	26.356	0
"2014-06-10	23:00:00"	5.6458	148.04	79.285	21.571	0.09158	26.361	0
"2014-06-11	00:00:00"	9.5604	183.77	77.791	24.375	0.05278	26.379	0
"2014-06-11	01:00:00"	7.2508	188.77	75.023	28.614	0.0566	26.367	0
"2014-06-11	02:00:00"	6.3398	187.79	73.076	32.803	0.09052	26.364	0
"2014-06-11	03:00:00"	5.6551	184.57	72.049	35.167	0.07822	26.353	0
"2014-06-11	04:00:00"	4.2427	185.66	70.787	36.003	0.06995	26.344	0
"2014-06-11	05:00:00"	3.3946	164.06	68.777	38.887	0.06423	26.341	0
"2014-06-11	06:00:00"	3.6294	166.36	67.193	41.886	0.07716	26.335	0
"2014-06-11	07:00:00"	6.2566	175.22	67.738	44.926	3.684	26.335	0
"2014-06-11	08:00:00"	7.1675	187.13	68.331	45.759	104.25	26.338	0
"2014-06-11	09:00:00"	11.009	212.04	74.01	39.074	287.33	26.35	0
"2014-06-11	10:00:00"	11.394	217.72	78.282	34.042	390.74	26.344	0
"2014-06-11	11:00:00"	8.7153	224.37	82.749	29.042	618.68	26.341	0
"2014-06-11	12:00:00"	8.3817	254.8	89.118	22.004	873.7	26.341	0
"2014-06-11	13:00:00"	8.9198	291.36	93.288	18.343	991.74	26.332	0
"2014-06-11	14:00:00"	6.8618	275.49	96.851	15.421	989.26	26.305	0.1
"2014-06-11	15:00:00"	10.763	300.76	100	11.716	753.68	26.294	0
"2014-06-11	16:00:00"	7.3651	288.76	99.56	11.073	578.64	26.273	0
"2014-06-11	17:00:00"	5.8726	314.09	100.01	10.927	848.67	26.249	0
"2014-06-11	18:00:00"	5.3985	262.58	101.38	9.7003	682.92	26.232	0
"2014-06-11	19:00:00"	8.8086	256.41	99.658	10.132	189.31	26.223	0
"2014-06-11	20:00:00"	7.9355	256.58	99.547	10.455	237.42	26.223	0
"2014-06-11	21:00:00"	3.2547	228.96	96.709	11.385	43.671	26.226	0
"2014-06-11	22:00:00"	5.1182	123.92	91.919	15.328	0.28108	26.24	0
"2014-06-11	23:00:00"	11.679	137.08	88.126	19.168	0.08119	26.258	0
"2014-06-12	00:00:00"	10.7	119.68	83.321	29.35	0.05299	26.273	0
"2014-06-12	01:00:00"	11.38	126.41	80.523	37.001	0.09306	26.279	0
"2014-06-12	02:00:00"	9.694	135.08	77.601	43.723	0.08119	26.291	0
"2014-06-12	03:00:00"	3.6866	43.908	74.076	49.515	0.0672	26.291	0
"2014-06-12	04:00:00"	2.9459	49.786	71.283	53.371	0.07144	26.288	0
"2014-06-12	05:00:00"	2.808	22.467	70.067	53.961	0.08119	26.299	0
"2014-06-12	06:00:00"	3.4958	353.11	69.214	53.996	0.06317	26.299	0
"2014-06-12	07:00:00"	4.0197	311.77	68.367	55.354	2.6377	26.329	0
"2014-06-12	08:00:00"	12.37	352.14	69.24	59.071	95.722	26.358	0
"2014-06-12	09:00:00"	15.334	4.9831	70.808	53.583	294.88	26.391	0
"2014-06-12	10:00:00"	17.644	6.1728	73.509	50.934	554.67	26.418	0
"2014-06-12	11:00:00"	15.208	17.565	74.843	48.903	423.51	26.447	0
"2014-06-12	12:00:00"	16.287	13.453	77.133	46.088	834.53	26.453	0
"2014-06-12	13:00:00"	14.584	12.825	80.714	41.171	1002.7	26.45	0
"2014-06-12	14:00:00"	14.774	20.583	83.151	38.413	1062.4	26.45	0

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"2014-06-12	15:00:00"	14.549	19.809	84.781	36.445	1049.6	26.438	0
"2014-06-12	16:00:00"	11.143	36.043	86.73	34.122	994.67	26.435	0
"2014-06-12	17:00:00"	11.184	39.184	87.777	33.447	860.29	26.432	0
"2014-06-12	18:00:00"	12.328	29.666	87.794	35.191	674.16	26.42	0
"2014-06-12	19:00:00"	13.683	40.191	86.045	38.431	465.38	26.423	0
"2014-06-12	20:00:00"	13.089	38.33	83.907	40.879	249.99	26.432	0
"2014-06-12	21:00:00"	13.32	48.329	81.079	45.915	62.306	26.447	0
"2014-06-12	22:00:00"	12.652	51.888	77.892	51.467	0.47038	26.459	0
"2014-06-12	23:00:00"	12.968	62.537	75.532	57.435	0.08204	26.483	0
"2014-06-13	00:00:00"	15.926	70.968	73.114	64.119	0.0744	26.5	0
"2014-06-13	01:00:00"	14.07	73.525	70.628	68.568	0.06891	26.509	0
"2014-06-13	02:00:00"	13.602	75.044	69.183	71.724	0.06974	26.515	0
"2014-06-13	03:00:00"	12.102	70.853	67.704	75.607	0.07017	26.512	0
"2014-06-13	04:00:00"	9.9916	79.642	67.62	76.23	0.08585	26.524	0
"2014-06-13	05:00:00"	8.061	92.464	68.19	74.933	0.05787	26.524	0
"2014-06-13	06:00:00"	7.9573	73.44	67.973	75.919	0.0708	26.521	0
"2014-06-13	07:00:00"	6.2877	64.89	66.675	79.496	2.4836	26.533	0
"2014-06-13	08:00:00"	9.9711	82.154	68.171	79.178	86.795	26.539	0
"2014-06-13	09:00:00"	10.148	96.665	68.78	78.199	67.366	26.553	0
"2014-06-13	10:00:00"	10.346	92.655	68.266	82.163	174.97	26.547	0
"2014-06-13	11:00:00"	10.198	107.8	71.55	70.671	322.83	26.533	0
"2014-06-13	12:00:00"	8.7613	130.59	74.537	62.882	429.79	26.524	0
"2014-06-13	13:00:00"	6.855	169.53	75.965	59.827	497.54	26.506	0
"2014-06-13	14:00:00"	7.6708	161.39	79.186	52.638	1026.1	26.465	0
"2014-06-13	15:00:00"	9.9127	139.72	83.535	43.638	1060	26.432	0
"2014-06-13	16:00:00"	11.825	147.67	87.706	34.057	961.27	26.403	0
"2014-06-13	17:00:00"	9.8823	153.15	88.937	31.99	501.48	26.376	0
"2014-06-13	18:00:00"	12.331	153.17	89.94	30.497	353.73	26.353	0
"2014-06-13	19:00:00"	13.167	140.51	90.137	30.019	224.8	26.344	0
"2014-06-13	20:00:00"	11.894	146.53	89.71	28.953	78.622	26.323	0
"2014-06-13	21:00:00"	12.475	161.51	87.791	31.202	3.7226	26.397	0.08
"2014-06-13	22:00:00"	16.793	91.651	77.243	47.733	0.07165	26.485	0.13
"2014-06-13	23:00:00"	11.679	310.66	68.915	70.437	0.07419	26.488	0.02
"2014-06-14	00:00:00"	5.8396	75.939	67.611	76.674	0.07568	26.438	0
"2014-06-14	01:00:00"	8.6286	146.5	67.616	76.539	0.0742	26.397	0.01
"2014-06-14	02:00:00"	8.5532	149.81	67.87	72.105	0.06253	26.406	0
"2014-06-14	03:00:00"	10.277	151.01	68.018	69.829	0.08437	26.406	0
"2014-06-14	04:00:00"	5.8974	167.61	66.859	75.092	0.06974	26.403	0
"2014-06-14	05:00:00"	4.0482	180.78	65.785	80.34	0.06169	26.4	0
"2014-06-14	06:00:00"	9.4772	185.32	66.086	79.547	0.06889	26.367	0
"2014-06-14	07:00:00"	16.309	192.15	66.321	78.623	2.9552	26.358	0
"2014-06-14	08:00:00"	14.269	194.18	66.038	80.691	85.355	26.356	0
"2014-06-14	09:00:00"	12.413	194.34	68.626	77.41	283.7	26.356	0
"2014-06-14	10:00:00"	13.154	190.26	71.651	69.711	498.91	26.356	0
"2014-06-14	11:00:00"	12.122	210.23	75.584	59.725	693.9	26.347	0
"2014-06-14	12:00:00"	11.697	210.61	80.951	48.251	860.11	26.338	0
"2014-06-14	13:00:00"	13.309	220.92	87.308	32.266	921.72	26.323	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-14	14:00:00"	12.232	220.95	91.57	26.092	1064.1	26.299	0
"2014-06-14	15:00:00"	11.525	228.96	94.229	21.819	1076.6	26.27	0
"2014-06-14	16:00:00"	12.411	207.53	95.512	18.543	748.62	26.24	0
"2014-06-14	17:00:00"	10.442	210.07	96.895	15.395	806.89	26.226	0
"2014-06-14	18:00:00"	9.8667	237.02	99.026	13.43	775.74	26.211	0
"2014-06-14	19:00:00"	17.095	202.19	96.026	18.107	557.93	26.199	0
"2014-06-14	20:00:00"	18.371	179.15	91.356	24.967	259.62	26.196	0
"2014-06-14	21:00:00"	15.027	179.15	90.5	22.338	48.14	26.205	0
"2014-06-14	22:00:00"	13.419	168.51	87.118	21.09	0.49879	26.234	0
"2014-06-14	23:00:00"	14.876	171.38	83.985	25.186	0.07017	26.255	0
"2014-06-15	00:00:00"	9.484	182.9	81.589	32.038	0.0672	26.288	0
"2014-06-15	01:00:00"	12.97	175.97	77.978	41.794	0.07398	26.288	0
"2014-06-15	02:00:00"	14.116	180.73	75.164	47.289	0.06783	26.288	0
"2014-06-15	03:00:00"	9.1547	190.45	73.793	51.614	0.07059	26.285	0
"2014-06-15	04:00:00"	9.3063	187.59	73.527	56.595	0.07886	26.282	0
"2014-06-15	05:00:00"	8.6004	185.11	72.543	60.894	0.06741	26.279	0
"2014-06-15	06:00:00"	6.7021	190.77	71.114	64.2	0.07398	26.288	0
"2014-06-15	07:00:00"	3.4412	227.19	68.704	70.052	4.088	26.308	0
"2014-06-15	08:00:00"	3.4753	232.82	68.27	72.678	100.14	26.326	0
"2014-06-15	09:00:00"	5.7384	234.8	72.365	65.17	296.38	26.344	0
"2014-06-15	10:00:00"	6.9979	264.16	78.223	49.587	519.26	26.361	0
"2014-06-15	11:00:00"	9.3933	322.45	82.976	30.72	733.95	26.361	0
"2014-06-15	12:00:00"	8.6861	347.05	86.317	23.012	915.52	26.373	0
"2014-06-15	13:00:00"	7.5764	352.24	89.684	19.08	1040.4	26.37	0
"2014-06-15	14:00:00"	6.4809	345.66	92.889	13.248	1098.7	26.367	0
"2014-06-15	15:00:00"	5.3767	310.84	95.236	11.011	1090.9	26.35	0
"2014-06-15	16:00:00"	8.0436	240.29	97.786	8.3647	1033.7	26.335	0
"2014-06-15	17:00:00"	8.1076	243.96	98.007	9.7789	895.54	26.311	0
"2014-06-15	18:00:00"	4.6721	194.84	97.691	10.009	712.7	26.296	0
"2014-06-15	19:00:00"	6.6045	221.73	98.496	10.074	493.77	26.282	0
"2014-06-15	20:00:00"	8.4357	186.85	98.084	10.263	297.24	26.279	0
"2014-06-15	21:00:00"	5.6657	187.89	96.323	11.058	69.383	26.294	0
"2014-06-15	22:00:00"	8.6265	111.01	91.192	22.499	0.6777	26.311	0
"2014-06-15	23:00:00"	18.456	140.33	87.545	35.494	0.06889	26.353	0
"2014-06-16	00:00:00"	23.283	153.21	83.69	45.773	0.0744	26.364	0
"2014-06-16	01:00:00"	22.159	166.86	81.793	49.122	0.07314	26.364	0
"2014-06-16	02:00:00"	19.317	168.19	80.808	48.894	0.07631	26.35	0
"2014-06-16	03:00:00"	12.739	178.49	79.248	47.783	0.08055	26.35	0
"2014-06-16	04:00:00"	9.8319	191.72	77.826	45.526	0.08119	26.364	0
"2014-06-16	05:00:00"	6.8661	192.02	75.96	44.589	0.08564	26.364	0
"2014-06-16	06:00:00"	8.5184	170.08	74.13	46.663	0.07674	26.382	0
"2014-06-16	07:00:00"	10.799	158.52	74.464	46.068	2.1257	26.397	0
"2014-06-16	08:00:00"	11.84	163.78	74.914	47.065	80.294	26.412	0
"2014-06-16	09:00:00"	13.162	181.18	76.916	45.459	275.23	26.429	0
"2014-06-16	10:00:00"	14.777	185.01	78.026	47.987	314.88	26.435	0
"2014-06-16	11:00:00"	14.81	186.42	79.71	47.326	465.96	26.435	0
"2014-06-16	12:00:00"	13.281	190.13	82.613	40.924	469.85	26.429	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-16	13:00:00"	11.848	189.97	85.654	33.886	619.86	26.423	0
"2014-06-16	14:00:00"	9.6542	193.37	89.419	23.615	650.91	26.415	0
"2014-06-16	15:00:00"	6.4442	208.98	91.425	17.633	542.79	26.394	0
"2014-06-16	16:00:00"	8.0294	197.72	92.215	17.462	539.88	26.376	0
"2014-06-16	17:00:00"	8.9521	185.41	93.25	15.117	534.82	26.353	0
"2014-06-16	18:00:00"	9.3112	182.3	94.283	13.881	500.95	26.329	0
"2014-06-16	19:00:00"	11.973	175.6	95.389	15.147	483.9	26.314	0
"2014-06-16	20:00:00"	16.681	169.35	93.071	23.375	257.89	26.317	0
"2014-06-16	21:00:00"	20.94	152.53	87.263	38.642	62.083	26.335	0
"2014-06-16	22:00:00"	19.568	158.92	83.087	47.818	0.54373	26.361	0
"2014-06-16	23:00:00"	16.404	166.17	80.57	52.99	0.08013	26.388	0
"2014-06-17	00:00:00"	15.703	167.72	78.974	56.513	0.07568	26.4	0
"2014-06-17	01:00:00"	12.583	171.67	77.018	62.137	0.07737	26.388	0
"2014-06-17	02:00:00"	10.694	176.63	75.576	61.177	0.07504	26.379	0
"2014-06-17	03:00:00"	9.3734	180.68	74.08	52.775	0.05999	26.382	0
"2014-06-17	04:00:00"	9.7356	171.44	72.616	54.72	0.06211	26.373	0
"2014-06-17	05:00:00"	12.249	166.99	72.912	53.642	0.06635	26.364	0
"2014-06-17	06:00:00"	11.31	177.65	72.102	55.105	0.05872	26.385	0
"2014-06-17	07:00:00"	9.2081	191.52	71.36	58.267	2.9955	26.391	0
"2014-06-17	08:00:00"	8.596	185.09	70.82	62.351	68.859	26.403	0
"2014-06-17	09:00:00"	10.422	188.38	74.336	57.059	145.43	26.42	0
"2014-06-17	10:00:00"	11.35	190.51	78.838	47.749	352.35	26.426	0
"2014-06-17	11:00:00"	9.6275	199.63	82.641	40.094	718.38	26.412	0
"2014-06-17	12:00:00"	7.0401	193.01	86.48	31.766	872.8	26.412	0
"2014-06-17	13:00:00"	4.605	162.94	90.205	22.877	1015.1	26.403	0
"2014-06-17	14:00:00"	4.9803	169.95	93.165	17.277	1080.8	26.382	0
"2014-06-17	15:00:00"	5.2183	62.91	95.488	13.741	1077.9	26.353	0
"2014-06-17	16:00:00"	4.8063	45.366	96.51	12.612	762.31	26.338	0
"2014-06-17	17:00:00"	8.9477	146.65	96.574	16.03	730	26.32	0
"2014-06-17	18:00:00"	9.3013	150.04	96.517	16.553	588.66	26.305	0
"2014-06-17	19:00:00"	10.366	165.53	96.083	17.966	421.97	26.285	0
"2014-06-17	20:00:00"	11.247	82.138	91.288	25.916	307.28	26.302	0
"2014-06-17	21:00:00"	19.962	153.36	76.613	59.386	116.16	26.314	0.99
"2014-06-17	22:00:00"	15.19	90.186	69.315	78.219	2.3971	26.376	0.14
"2014-06-17	23:00:00"	11.064	105.74	70.911	75.44	0.07165	26.394	0.1
"2014-06-18	00:00:00"	12.902	114.41	73.809	71.861	0.05321	26.4	0
"2014-06-18	01:00:00"	10.813	138.58	74.452	70.925	0.07886	26.415	0
"2014-06-18	02:00:00"	11.681	141.84	74.76	69.098	0.06063	26.432	0
"2014-06-18	03:00:00"	6.3367	123.62	73.79	72.918	0.05766	26.418	0.01
"2014-06-18	04:00:00"	6.1938	95.952	70.515	77.042	0.08649	26.391	0
"2014-06-18	05:00:00"	6.9736	134.45	71.453	75.829	0.06529	26.376	0
"2014-06-18	06:00:00"	6.3628	133.97	71.635	76.153	0.06677	26.373	0
"2014-06-18	07:00:00"	5.9602	163.95	70.835	78.211	2.6849	26.379	0
"2014-06-18	08:00:00"	8.8123	186.21	70.937	78.224	58.666	26.388	0
"2014-06-18	09:00:00"	13.055	185.87	72.043	75.176	203.04	26.388	0
"2014-06-18	10:00:00"	14.073	181.52	74.255	70.066	518.86	26.397	0
"2014-06-18	11:00:00"	12.755	181.52	77.168	61.473	639.9	26.397	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-18	12:00:00"	10.243	186.99	81.178	49.849	746.61	26.394	0
"2014-06-18	13:00:00"	6.5542	225.54	82.459	43.608	309.99	26.397	0
"2014-06-18	14:00:00"	3.9221	182.34	84.999	36.52	1038.8	26.379	0
"2014-06-18	15:00:00"	3.8258	159.87	89.634	28.166	1044.3	26.35	0
"2014-06-18	16:00:00"	10.792	182.17	91.816	23.058	887.53	26.326	0
"2014-06-18	17:00:00"	8.1418	199.83	92.886	19.791	582.04	26.308	0
"2014-06-18	18:00:00"	7.9852	225.73	93.786	18.58	577.54	26.296	0
"2014-06-18	19:00:00"	11.023	203.77	88.593	26.256	281.11	26.305	0
"2014-06-18	20:00:00"	10.001	160.27	85.035	33.896	233.69	26.296	0
"2014-06-18	21:00:00"	18.348	137.71	80.864	41.655	112.83	26.341	0
"2014-06-18	22:00:00"	14.329	119.72	72.955	56.789	1.2596	26.353	0.01
"2014-06-18	23:00:00"	13.976	137.17	72.681	59.367	0.08394	26.376	0
"2014-06-19	00:00:00"	10.757	153.36	73.015	67.739	0.07334	26.406	0
"2014-06-19	01:00:00"	10.341	158.74	72.082	71.83	0.08543	26.4	0
"2014-06-19	02:00:00"	10.264	172.59	71.207	75.429	0.08055	26.397	0
"2014-06-19	03:00:00"	13.485	165.18	72.011	74.407	0.06953	26.385	0
"2014-06-19	04:00:00"	8.2947	155.75	71.421	77.068	0.08585	26.397	0
"2014-06-19	05:00:00"	2.5402	164.71	70.006	81.171	0.07017	26.391	0
"2014-06-19	06:00:00"	5.8421	171.28	69.782	81.377	0.0831	26.4	0
"2014-06-19	07:00:00"	5.9136	181.52	69.167	83.372	3.9416	26.415	0
"2014-06-19	08:00:00"	7.5546	164.08	69.395	83.481	103.49	26.429	0
"2014-06-19	09:00:00"	11.101	165.33	71.402	76.756	226.46	26.435	0
"2014-06-19	10:00:00"	10.385	181.89	73.987	69.519	353.42	26.441	0
"2014-06-19	11:00:00"	9.9575	185.76	75.972	63.553	396.5	26.447	0
"2014-06-19	12:00:00"	5.1922	204.01	78.37	56.252	582.83	26.462	0
"2014-06-19	13:00:00"	4.6783	148.98	80.428	50.244	766.33	26.459	0
"2014-06-19	14:00:00"	4.5689	228.86	83.89	42.54	895.95	26.45	0
"2014-06-19	15:00:00"	3.3908	113.25	86.845	34.844	758.66	26.438	0
"2014-06-19	16:00:00"	6.7245	110.3	88.578	31.431	577.23	26.423	0
"2014-06-19	17:00:00"	10.417	149.1	89.747	31.323	691.03	26.4	0
"2014-06-19	18:00:00"	11.448	136.04	90.651	29.477	664.73	26.397	0
"2014-06-19	19:00:00"	12.831	140.76	88.911	32.133	177.9	26.394	0
"2014-06-19	20:00:00"	12.816	134.06	85.697	38.133	115.21	26.4	0.03
"2014-06-19	21:00:00"	14.613	139.5	84.554	37.552	20.56	26.438	0
"2014-06-19	22:00:00"	13.189	149.93	82.494	41.771	0.08331	26.488	0
"2014-06-19	23:00:00"	17.429	264.14	72.011	49.762	0.06995	26.518	0
"2014-06-20	00:00:00"	9.274	249.03	71.779	50.06	0.08585	26.553	0
"2014-06-20	01:00:00"	6.9507	263.44	70.24	58.719	0.09518	26.515	0.05
"2014-06-20	02:00:00"	7.9567	222.03	70.632	58.628	0.07186	26.462	0.01
"2014-06-20	03:00:00"	12.907	166.71	70.065	67.052	0.05766	26.453	0
"2014-06-20	04:00:00"	10.382	116.23	69.037	71.399	0.07165	26.497	0
"2014-06-20	05:00:00"	4.5248	139.98	68.787	75.231	0.06211	26.509	0
"2014-06-20	06:00:00"	5.6594	151.21	68.274	77.865	0.07123	26.521	0
"2014-06-20	07:00:00"	6.2616	161.31	68.042	79.325	0.79365	26.542	0
"2014-06-20	08:00:00"	8.2847	148.8	67.866	80.583	20.014	26.559	0
"2014-06-20	09:00:00"	10.606	158.42	67.196	80.528	165.42	26.568	0
"2014-06-20	10:00:00"	9.6741	166.63	67.713	79.872	171.56	26.574	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-20	11:00:00"	7.0979	146.54	68.931	75.796	236.81	26.574	0
"2014-06-20	12:00:00"	4.971	128.45	72.388	65.309	690.31	26.568	0
"2014-06-20	13:00:00"	7.5062	120.83	75.816	55.588	725.98	26.556	0
"2014-06-20	14:00:00"	10.328	152.52	78.018	48.749	674.23	26.542	0
"2014-06-20	15:00:00"	9.9053	131.01	79.724	43.491	615.45	26.524	0
"2014-06-20	16:00:00"	9.6163	122.46	81.084	41.12	789.71	26.509	0
"2014-06-20	17:00:00"	11.376	120.84	81.691	38.494	508.01	26.494	0
"2014-06-20	18:00:00"	14.247	125.75	80.303	43.081	459.44	26.494	0
"2014-06-20	19:00:00"	13.87	133.96	80.06	43.044	434.57	26.483	0
"2014-06-20	20:00:00"	14.536	138.56	78.517	46.58	199.17	26.485	0
"2014-06-20	21:00:00"	16.113	144.51	73.587	59.587	56.59	26.5	0
"2014-06-20	22:00:00"	10.317	146.13	71.534	65.743	0.84092	26.512	0
"2014-06-20	23:00:00"	6.5306	136.51	70.857	70.244	0.07801	26.521	0
"2014-06-21	00:00:00"	5.6066	127.15	71.207	72.095	0.07356	26.515	0
"2014-06-21	01:00:00"	8.332	132.87	71.643	74.37	0.05978	26.503	0
"2014-06-21	02:00:00"	7.1377	125.12	70.448	76.134	0.05978	26.488	0
"2014-06-21	03:00:00"	5.4556	122.66	69.602	78.188	0.07419	26.474	0
"2014-06-21	04:00:00"	5.1064	124.32	68.457	80.866	0.07631	26.468	0
"2014-06-21	05:00:00"	4.4043	106.97	67.328	83.659	0.07419	26.459	0
"2014-06-21	06:00:00"	5.3923	104.13	67.388	82.837	0.07419	26.459	0
"2014-06-21	07:00:00"	4.2601	96.935	67.275	83.307	0.79492	26.471	0
"2014-06-21	08:00:00"	6.5281	123.15	67.99	81.852	20.523	26.485	0
"2014-06-21	09:00:00"	9.5809	139.58	68.725	80.49	122.25	26.483	0
"2014-06-21	10:00:00"	9.6952	147.85	69.713	77.708	228.18	26.494	0
"2014-06-21	11:00:00"	9.3143	159.24	71.226	73.095	307.49	26.488	0
"2014-06-21	12:00:00"	6.0845	135.17	73.452	66.064	398.93	26.485	0
"2014-06-21	13:00:00"	2.296	168.06	75.526	60.194	519.78	26.468	0
"2014-06-21	14:00:00"	3.3598	100.55	77.679	54.401	832.46	26.441	0
"2014-06-21	15:00:00"	3.9196	147.34	80.601	48.958	1076.7	26.42	0
"2014-06-21	16:00:00"	5.4761	128.92	82.61	43.122	746.83	26.4	0
"2014-06-21	17:00:00"	8.4929	131.49	84.522	40.537	796.95	26.382	0
"2014-06-21	18:00:00"	11.57	133.33	84.644	42.582	587.46	26.37	0
"2014-06-21	19:00:00"	10.614	131.76	83.564	45.947	352.21	26.358	0
"2014-06-21	20:00:00"	10.147	129.46	82.571	47.846	160.11	26.376	0
"2014-06-21	21:00:00"	12.111	123.24	80.666	52.955	56.107	26.367	0
"2014-06-21	22:00:00"	11.677	146.6	78.406	56.386	2.3044	26.391	0
"2014-06-21	23:00:00"	9.3777	141.09	76.717	60.736	0.06656	26.42	0
"2014-06-22	00:00:00"	9.2056	135.01	74.807	66.709	0.05851	26.42	0
"2014-06-22	01:00:00"	9.9689	149.56	72.733	74.483	0.06722	26.403	0
"2014-06-22	02:00:00"	9.6971	167.06	70.986	78.116	0.09475	26.394	0
"2014-06-22	03:00:00"	8.5103	183.19	69.556	82.726	0.085	26.385	0
"2014-06-22	04:00:00"	6.5797	177.08	68.343	85.815	0.06253	26.364	0
"2014-06-22	05:00:00"	6.1994	158.06	67.334	87.963	0.06911	26.358	0
"2014-06-22	06:00:00"	3.8587	118.8	66.539	88.605	0.06041	26.376	0
"2014-06-22	07:00:00"	2.3587	43.979	64.981	89.339	3.6015	26.385	0
"2014-06-22	08:00:00"	2.5824	84.456	65.797	89.232	96.305	26.397	0
"2014-06-22	09:00:00"	5.9198	127.87	68.577	84.77	267.11	26.397	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-22	10:00:00"	6.0453	142.29	72.417	75.035	496.43	26.388	0
"2014-06-22	11:00:00"	4.1085	126.07	77.847	61.38	703.46	26.385	0
"2014-06-22	12:00:00"	6.7729	134.51	82.973	48.422	871.46	26.376	0
"2014-06-22	13:00:00"	4.7467	171.19	86.505	37.616	998.34	26.364	0
"2014-06-22	14:00:00"	5.9577	197	89.122	33.261	1066.8	26.347	0
"2014-06-22	15:00:00"	5.5277	213.09	92.05	28.1	1065	26.326	0
"2014-06-22	16:00:00"	5.1766	203.16	93.098	25.902	798	26.317	0
"2014-06-22	17:00:00"	5.9726	231.52	94.09	25.016	653.95	26.302	0
"2014-06-22	18:00:00"	5.345	217.64	95.158	22.787	700.85	26.288	0
"2014-06-22	19:00:00"	5.3705	223.61	94.55	23.581	264.74	26.279	0
"2014-06-22	20:00:00"	12.524	123.63	93.088	28.537	317.75	26.291	0
"2014-06-22	21:00:00"	17.347	117.38	86.881	39.594	91.691	26.314	0
"2014-06-22	22:00:00"	12.001	111.21	80.088	56.548	0.78199	26.32	0
"2014-06-22	23:00:00"	11.305	159.24	79.634	60.789	0.07334	26.323	0
"2014-06-23	00:00:00"	15.028	177.92	78.989	62.481	0.07546	26.311	0
"2014-06-23	01:00:00"	13.425	182.78	76.537	69.188	0.0672	26.296	0
"2014-06-23	02:00:00"	10.908	177.76	74.819	74.802	0.07059	26.311	0
"2014-06-23	03:00:00"	9.5256	245.21	74.627	75.624	0.06253	26.373	0
"2014-06-23	04:00:00"	3.8842	67.152	75.214	74.1	0.06635	26.338	0
"2014-06-23	05:00:00"	6.5983	100.59	73.726	77.612	0.06614	26.329	0
"2014-06-23	06:00:00"	10.056	88.934	72.422	76.361	0.0778	26.353	0
"2014-06-23	07:00:00"	15.159	64.081	69.755	68.218	0.90579	26.385	0
"2014-06-23	08:00:00"	13.434	69.039	67.984	70.982	57.178	26.435	0
"2014-06-23	09:00:00"	11.384	65.024	68.78	69.053	232.4	26.465	0
"2014-06-23	10:00:00"	10.612	80.419	70.861	65.059	452.91	26.477	0
"2014-06-23	11:00:00"	10.283	116.2	73.526	64.374	597.37	26.474	0
"2014-06-23	12:00:00"	11.026	141.76	76.936	60.234	871.17	26.474	0
"2014-06-23	13:00:00"	8.6526	138.54	80.547	53.03	877.61	26.483	0
"2014-06-23	14:00:00"	7.2166	95.785	82.535	47.657	1001.5	26.462	0
"2014-06-23	15:00:00"	7.8815	101.97	84.599	41.909	1080.4	26.45	0
"2014-06-23	16:00:00"	6.3821	103.07	85.911	39.591	969.73	26.435	0
"2014-06-23	17:00:00"	7.3241	116.91	87.489	36.408	855.32	26.415	0
"2014-06-23	18:00:00"	9.2597	113.94	87.893	36.742	625.61	26.409	0
"2014-06-23	19:00:00"	10.122	110.38	87.784	36.705	430.02	26.403	0
"2014-06-23	20:00:00"	11.279	119.04	86.193	38.814	168.49	26.409	0
"2014-06-23	21:00:00"	11.214	113.27	84.548	42.683	47.646	26.435	0
"2014-06-23	22:00:00"	9.7847	120.29	82.14	48.292	0.22109	26.456	0
"2014-06-23	23:00:00"	11.311	131.62	80.736	52.509	0.06359	26.497	0
"2014-06-24	00:00:00"	10.783	122.19	79.908	55.432	0.07674	26.533	0
"2014-06-24	01:00:00"	13.704	258.15	73.013	59.488	0.07779	26.542	0.11
"2014-06-24	02:00:00"	6.2926	302.92	69.77	61.631	0.06847	26.524	0.05
"2014-06-24	03:00:00"	12.072	89.764	73.497	49.197	0.09793	26.477	0
"2014-06-24	04:00:00"	7.3657	77.527	70.163	60.634	0.08691	26.48	0
"2014-06-24	05:00:00"	5.6035	135.2	68.714	68.342	0.08585	26.491	0
"2014-06-24	06:00:00"	4.2346	240.18	67.591	74.511	0.07419	26.512	0
"2014-06-24	07:00:00"	2.5924	336.42	66.038	79.244	1.4974	26.524	0
"2014-06-24	08:00:00"	1.6442	0.3616	65.844	79.797	41.684	26.509	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-24	09:00:00"	1.7871	273.69	69.939	67.234	266.38	26.506	0
"2014-06-24	10:00:00"	5.1021	174.41	74.647	52.255	519.31	26.55	0
"2014-06-24	11:00:00"	7.7851	176.15	75.219	54.06	615.49	26.571	0
"2014-06-24	12:00:00"	12.25	148.56	76.338	56.039	762.61	26.553	0
"2014-06-24	13:00:00"	12.694	152.48	79.444	46.572	997.87	26.547	0
"2014-06-24	14:00:00"	10.083	156.54	81.401	42.169	1065	26.533	0
"2014-06-24	15:00:00"	9.9618	145.03	83.648	36.755	1063.3	26.515	0
"2014-06-24	16:00:00"	11.033	148.71	85.042	34.108	996.25	26.488	0
"2014-06-24	17:00:00"	10.216	160.94	85.912	31.672	876.39	26.474	0
"2014-06-24	18:00:00"	8.6215	165.27	86.255	28.967	619.88	26.453	0
"2014-06-24	19:00:00"	8.4115	146.47	86.096	28.549	262.98	26.435	0
"2014-06-24	20:00:00"	10.306	141.64	85.393	29.659	154.17	26.429	0
"2014-06-24	21:00:00"	11.454	139.67	84.117	31.509	86.562	26.441	0
"2014-06-24	22:00:00"	12.478	135.09	80.417	43.035	3.8527	26.45	0
"2014-06-24	23:00:00"	12.645	136.98	77.808	56.311	0.07271	26.468	0
"2014-06-25	00:00:00"	10.959	138.41	75.488	61.743	0.06677	26.471	0
"2014-06-25	01:00:00"	11.236	141.16	73.739	65.86	0.07272	26.474	0
"2014-06-25	02:00:00"	11.995	139.52	72.322	72.981	0.07038	26.474	0
"2014-06-25	03:00:00"	12.077	144.16	70.987	77.405	0.07271	26.465	0
"2014-06-25	04:00:00"	8.8595	142.09	69.673	79.766	0.0884	26.465	0
"2014-06-25	05:00:00"	8.5115	134.62	68.707	82.229	0.06762	26.456	0
"2014-06-25	06:00:00"	8.5177	99.257	67.345	83.812	0.07822	26.471	0
"2014-06-25	07:00:00"	9.3914	90.407	66.219	85.459	2.1548	26.48	0
"2014-06-25	08:00:00"	9.7605	109.5	67.146	84.873	38.207	26.488	0
"2014-06-25	09:00:00"	11.733	133.44	68.204	83.706	105.76	26.5	0
"2014-06-25	10:00:00"	10.775	132.95	70.569	77.828	336.01	26.524	0
"2014-06-25	11:00:00"	9.1758	46.802	71.463	76.024	183.37	26.536	0
"2014-06-25	12:00:00"	17.273	72.882	71.023	76.54	221.81	26.521	0
"2014-06-25	13:00:00"	14.161	78.625	69.882	78.713	85.465	26.53	0
"2014-06-25	14:00:00"	11.324	129.93	69.129	83.029	143.02	26.488	0.05
"2014-06-25	15:00:00"	14.543	127.9	75.495	67.449	983.34	26.453	0
"2014-06-25	16:00:00"	15.056	126.3	81.718	44.565	1001.2	26.432	0
"2014-06-25	17:00:00"	11.375	150.68	85.42	32.798	570.91	26.42	0
"2014-06-25	18:00:00"	14.837	176.43	84.737	34.631	362.77	26.432	0
"2014-06-25	19:00:00"	17.102	190.68	81.113	49.994	252.17	26.423	0
"2014-06-25	20:00:00"	16.02	193.57	79.206	54.048	275.55	26.418	0
"2014-06-25	21:00:00"	10.459	182.16	76.717	61.943	61.528	26.42	0
"2014-06-25	22:00:00"	5.4438	116.51	74.37	68.004	2.0172	26.42	0
"2014-06-25	23:00:00"	4.669	115.99	71.996	74.587	0.06614	26.444	0
"2014-06-26	00:00:00"	6.8885	125.47	72.063	74.996	0.06253	26.465	0
"2014-06-26	01:00:00"	7.4912	135.64	71.371	77.603	0.0778	26.456	0
"2014-06-26	02:00:00"	6.1708	148.89	70.56	79.542	0.06762	26.438	0
"2014-06-26	03:00:00"	7.4602	172.41	70.531	79.155	0.06571	26.426	0
"2014-06-26	04:00:00"	8.4071	188.13	70.925	78.094	0.07652	26.418	0
"2014-06-26	05:00:00"	4.5932	174.44	68.705	83.713	0.06953	26.403	0
"2014-06-26	06:00:00"	7.408	180.64	67.914	86.281	0.07229	26.4	0
"2014-06-26	07:00:00"	4.7454	140.77	66.819	88.374	1.1214	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-26	08:00:00"	6.8028	126.54	66.489	90.052	21.523	26.418	0
"2014-06-26	09:00:00"	9.4542	146.21	67.524	90.639	194.28	26.429	0
"2014-06-26	10:00:00"	9.3218	169.08	72.536	76.957	366.59	26.426	0
"2014-06-26	11:00:00"	8.5165	174.68	77.406	60.191	781.2	26.412	0
"2014-06-26	12:00:00"	10.033	184.83	81.546	44.938	859.15	26.406	0
"2014-06-26	13:00:00"	12.802	186.36	84.926	36.707	983.68	26.397	0
"2014-06-26	14:00:00"	10.515	185.05	87.101	35.4	1048.1	26.373	0
"2014-06-26	15:00:00"	11.361	186.08	89.776	34.025	1041.6	26.353	0
"2014-06-26	16:00:00"	11.978	174.09	90.945	31.685	978.09	26.323	0
"2014-06-26	17:00:00"	10.192	164.38	91.957	29.184	857.57	26.302	0
"2014-06-26	18:00:00"	10.804	165.21	92.882	27.905	688.7	26.285	0
"2014-06-26	19:00:00"	12.938	153.79	92.839	27.461	483.08	26.264	0
"2014-06-26	20:00:00"	16.994	156.08	91.174	30.694	265.6	26.27	0
"2014-06-26	21:00:00"	17.438	158.09	87.193	38.666	72.597	26.273	0
"2014-06-26	22:00:00"	16.008	154.56	84.621	42.89	0.6476	26.285	0
"2014-06-26	23:00:00"	18.735	157.82	81.634	48.36	0.06444	26.302	0
"2014-06-27	00:00:00"	17.035	155.64	78.639	53.851	0.08479	26.311	0
"2014-06-27	01:00:00"	16.608	160.67	76.47	59.042	0.07504	26.302	0
"2014-06-27	02:00:00"	16.08	168.49	74.892	63.535	0.05363	26.296	0
"2014-06-27	03:00:00"	16.497	163.4	73.812	66.65	0.08119	26.282	0
"2014-06-27	04:00:00"	15.947	170.65	72.907	68.641	0.06635	26.264	0
"2014-06-27	05:00:00"	13.547	177.13	72.018	72.558	0.07356	26.27	0
"2014-06-27	06:00:00"	13.545	180.22	71.465	74.74	0.07059	26.261	0
"2014-06-27	07:00:00"	11.335	187.31	71.02	75.249	3.8534	26.264	0
"2014-06-27	08:00:00"	12.503	188.38	71.305	74.417	116.96	26.267	0
"2014-06-27	09:00:00"	13.848	187.19	73.965	67.318	230.27	26.276	0
"2014-06-27	10:00:00"	14.279	189.44	77.232	58.836	485.16	26.276	0
"2014-06-27	11:00:00"	12.284	203.65	81.135	48.979	471.86	26.282	0
"2014-06-27	12:00:00"	11.069	206.17	84.361	40.581	520.2	26.279	0
"2014-06-27	13:00:00"	13.185	207.1	90.605	27.894	949.27	26.27	0
"2014-06-27	14:00:00"	12.647	230.03	95.403	18.498	1029.7	26.249	0
"2014-06-27	15:00:00"	12.697	227.76	97.899	16.127	1069	26.229	0
"2014-06-27	16:00:00"	14.613	231.32	99.603	14.964	957.12	26.211	0
"2014-06-27	17:00:00"	16.545	229.1	100.48	14.741	880.75	26.187	0
"2014-06-27	18:00:00"	18.224	229.21	100.16	13.684	705.71	26.169	0
"2014-06-27	19:00:00"	16.459	234.39	99.925	11.289	501.48	26.161	0
"2014-06-27	20:00:00"	15.497	227.02	98.73	10.666	273.51	26.164	0
"2014-06-27	21:00:00"	17.102	174.15	90.112	35.445	77.197	26.175	0
"2014-06-27	22:00:00"	16.801	166.76	84.307	47.954	0.85725	26.199	0
"2014-06-27	23:00:00"	15.949	167.02	80.532	57.41	0.0725	26.223	0
"2014-06-28	00:00:00"	17.068	172.13	78.129	63.212	0.08225	26.24	0
"2014-06-28	01:00:00"	17.81	175.06	76.325	68.962	0.08394	26.258	0
"2014-06-28	02:00:00"	16.481	174.47	75.061	70.858	0.05745	26.258	0
"2014-06-28	03:00:00"	14.636	174.89	74.404	69.833	0.05978	26.249	0
"2014-06-28	04:00:00"	14.356	178.34	73.615	71.189	0.09497	26.237	0
"2014-06-28	05:00:00"	13.208	181.15	72.83	72.721	0.06529	26.237	0
"2014-06-28	06:00:00"	13.158	188.19	72.257	73.525	0.06338	26.246	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-28	07:00:00"	12.731	189.51	71.526	75.117	2.4053	26.255	0
"2014-06-28	08:00:00"	9.9345	190.94	71.131	76.076	88.208	26.27	0
"2014-06-28	09:00:00"	11.367	189.94	73.865	68.315	279.2	26.294	0
"2014-06-28	10:00:00"	10.59	191.24	77.874	55.064	498.46	26.308	0
"2014-06-28	11:00:00"	7.7069	210.03	83.044	40.061	687.3	26.314	0
"2014-06-28	12:00:00"	4.111	244.64	87.63	28.797	874.91	26.32	0
"2014-06-28	13:00:00"	4.1048	226.26	90.237	25.289	1004.7	26.32	0
"2014-06-28	14:00:00"	4.408	189.98	93.021	21.102	1072.2	26.311	0
"2014-06-28	15:00:00"	5.6824	206.2	95.822	16.939	1075.6	26.299	0
"2014-06-28	16:00:00"	5.8862	214.87	97.956	13.411	1009.3	26.294	0
"2014-06-28	17:00:00"	7.9281	238.26	99.338	11.029	887.61	26.285	0
"2014-06-28	18:00:00"	8.8955	227.35	99.628	11.186	708.37	26.276	0
"2014-06-28	19:00:00"	6.1193	253.33	99.852	10.943	503.37	26.264	0
"2014-06-28	20:00:00"	5.2288	256.9	99.289	10.841	283.23	26.27	0
"2014-06-28	21:00:00"	2.6079	238.69	97.28	11.892	77.467	26.285	0
"2014-06-28	22:00:00"	3.4088	94.852	89.532	22.03	0.8193	26.308	0
"2014-06-28	23:00:00"	14.887	154.19	84.793	47.914	0.06381	26.338	0
"2014-06-29	00:00:00"	14.784	162.7	81.301	55.419	0.0619	26.356	0
"2014-06-29	01:00:00"	13.217	170.1	79.092	61.317	0.07462	26.364	0
"2014-06-29	02:00:00"	13.491	171.37	77.37	65.846	0.06826	26.364	0
"2014-06-29	03:00:00"	12.788	169.63	76.152	66.971	0.05617	26.358	0
"2014-06-29	04:00:00"	12.114	171.45	75.548	66.175	0.04918	26.358	0
"2014-06-29	05:00:00"	11.881	173.45	75.296	64.106	0.09285	26.364	0
"2014-06-29	06:00:00"	12.839	176.9	74.941	63.27	0.06656	26.367	0
"2014-06-29	07:00:00"	10.975	174.73	74.169	67.522	2.4884	26.388	0
"2014-06-29	08:00:00"	9.8375	174.46	73.823	69.74	85.425	26.397	0
"2014-06-29	09:00:00"	14.385	184.62	76.166	65.465	275.14	26.409	0
"2014-06-29	10:00:00"	15.356	182.55	79.457	58.061	494.77	26.412	0
"2014-06-29	11:00:00"	13.379	186.13	83.086	49.46	704.08	26.412	0
"2014-06-29	12:00:00"	11.38	194.42	87.534	38.621	878.9	26.42	0
"2014-06-29	13:00:00"	9.7002	202.36	92.367	29.079	1004.8	26.412	0
"2014-06-29	14:00:00"	10.108	179.57	95.419	24.232	1068.6	26.4	0
"2014-06-29	15:00:00"	8.4308	187.22	98.55	18.141	1070.2	26.382	0
"2014-06-29	16:00:00"	7.861	178.58	100.72	14.606	1002.2	26.364	0
"2014-06-29	17:00:00"	9.1068	174.44	101.5	13.075	892.54	26.35	0
"2014-06-29	18:00:00"	9.8524	178.11	101.48	13.167	674.51	26.338	0
"2014-06-29	19:00:00"	14.169	145.06	100.14	17.458	470.48	26.317	0
"2014-06-29	20:00:00"	21.541	155.51	95.748	26.955	262.25	26.338	0
"2014-06-29	21:00:00"	20.81	152.11	90.434	35.214	68.893	26.353	0
"2014-06-29	22:00:00"	18.951	154.59	86.19	42.139	0.72009	26.373	0
"2014-06-29	23:00:00"	15.108	154.41	82.991	48.164	0.08076	26.391	0
"2014-06-30	00:00:00"	17.213	154.49	80.543	52.899	0.06783	26.403	0
"2014-06-30	01:00:00"	15.535	160.52	79.073	52.985	0.06593	26.397	0
"2014-06-30	02:00:00"	14.891	168.25	78.135	53.389	0.08479	26.388	0
"2014-06-30	03:00:00"	14.441	171.38	77.64	53.652	0.0549	26.385	0
"2014-06-30	04:00:00"	13.327	174.48	77.035	54.148	0.06995	26.376	0
"2014-06-30	05:00:00"	13.217	173.85	76.56	54.989	0.08691	26.37	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-06-30	06:00:00"	13.469	170.59	75.805	56.91	0.0761	26.37	0
"2014-06-30	07:00:00"	13.386	169.07	74.334	63.999	2.7903	26.373	0
"2014-06-30	08:00:00"	14.313	168.57	73.98	68.75	85.53	26.385	0
"2014-06-30	09:00:00"	16.269	171.93	75.547	66.897	260.62	26.397	0
"2014-06-30	10:00:00"	17.151	175.29	78.562	59.647	484.4	26.397	0
"2014-06-30	11:00:00"	16.622	183.5	81.878	52.281	693.85	26.385	0
"2014-06-30	12:00:00"	15.099	184.61	85.403	45.589	867.78	26.376	0
"2014-06-30	13:00:00"	14.197	183.5	89.311	38.585	997.06	26.361	0
"2014-06-30	14:00:00"	14.334	186.41	92.665	33.152	1063.9	26.338	0
"2014-06-30	15:00:00"	13.064	177.85	96.162	27.074	1062.9	26.32	0
"2014-06-30	16:00:00"	11.328	175.99	98.592	21.951	990.57	26.299	0
"2014-06-30	17:00:00"	9.5107	169.31	99.571	19.136	866.97	26.279	0
"2014-06-30	18:00:00"	9.4442	177.01	100.45	16.959	706.18	26.267	0
"2014-06-30	19:00:00"	15.324	170.55	99.737	19.922	466.85	26.258	0
"2014-06-30	20:00:00"	21.79	164.02	93.798	33.728	227.47	26.267	0
"2014-06-30	21:00:00"	19.644	161.01	89.569	40.362	103.47	26.276	0
"2014-06-30	22:00:00"	17.575	154.17	84.408	47.041	0.78644	26.305	0
"2014-06-30	23:00:00"	15.898	158.78	81.037	52.818	0.05596	26.317	0
"2014-07-01	00:00:00"	14.787	161.57	79.477	55.009	0.0566	26.326	0
"2014-07-01	01:00:00"	10.427	143.45	78.645	55.402	0.07504	26.338	0
"2014-07-01	02:00:00"	12.427	160.93	77.745	55.72	0.04939	26.317	0
"2014-07-01	03:00:00"	10.077	162.58	77.031	56.302	0.06932	26.305	0
"2014-07-01	04:00:00"	11.364	164.64	76.823	55.648	0.1026	26.288	0
"2014-07-01	05:00:00"	10.262	164.4	75.988	55.781	0.05893	26.296	0
"2014-07-01	06:00:00"	11.017	132.75	75.557	54.142	0.08564	26.296	0
"2014-07-01	07:00:00"	18.071	167.2	75.709	50.338	0.62746	26.296	0
"2014-07-01	08:00:00"	12.683	51.466	77.527	49.983	60.666	26.4	0
"2014-07-01	09:00:00"	19.383	79.513	76.071	52.285	191.81	26.397	0
"2014-07-01	10:00:00"	21.613	95.921	76.279	60.335	400.19	26.373	0
"2014-07-01	11:00:00"	21.454	117.2	76.488	62.889	182.29	26.415	0
"2014-07-01	12:00:00"	11.856	121.82	77.694	60.612	272.35	26.447	0
"2014-07-01	13:00:00"	9.7574	104.83	79.729	56.804	547.7	26.459	0
"2014-07-01	14:00:00"	10.655	84.484	82.526	50.366	1043.4	26.447	0
"2014-07-01	15:00:00"	9.1279	93.139	84.369	45.424	1024.2	26.435	0
"2014-07-01	16:00:00"	9.8027	83.573	86.532	41.537	755.84	26.423	0
"2014-07-01	17:00:00"	11.262	89.774	87.854	39.398	540.21	26.406	0
"2014-07-01	18:00:00"	10.464	87.228	89.082	36.482	471.53	26.397	0
"2014-07-01	19:00:00"	14.758	92.736	89.022	36.454	378.7	26.382	0
"2014-07-01	20:00:00"	12.568	106.29	88.999	34.981	248.17	26.4	0
"2014-07-01	21:00:00"	11.013	114.38	87.343	35.427	39.235	26.409	0
"2014-07-01	22:00:00"	9.3951	114.64	85.449	37.101	0.41675	26.441	0
"2014-07-01	23:00:00"	11.32	121.22	84.604	34.934	0.07631	26.462	0
"2014-07-02	00:00:00"	13.184	123.12	83.292	33.993	0.07229	26.456	0
"2014-07-02	01:00:00"	9.4927	128.22	81	37.845	0.06423	26.471	0
"2014-07-02	02:00:00"	6.6201	99.206	78.947	41.85	0.06338	26.477	0
"2014-07-02	03:00:00"	5.1978	95.825	77.497	44.022	0.07017	26.485	0
"2014-07-02	04:00:00"	5.7527	139.97	77.654	41.724	0.07886	26.474	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-02	05:00:00"	5.6128	141	76.618	42.783	0.0744	26.485	0
"2014-07-02	06:00:00"	4.6615	142.56	75.117	47.442	0.06974	26.506	0
"2014-07-02	07:00:00"	3.7121	88.777	74.095	54.304	0.25268	26.536	0
"2014-07-02	08:00:00"	2.4426	83.961	73.532	61.389	17.438	26.568	0
"2014-07-02	09:00:00"	5.1325	25.113	73.174	62.902	79.406	26.592	0
"2014-07-02	10:00:00"	14.382	4.7063	71.232	61.547	112.37	26.601	0
"2014-07-02	11:00:00"	17.361	7.9123	71.463	57.215	323.85	26.601	0
"2014-07-02	12:00:00"	16.648	20.605	73.913	52.377	542.74	26.598	0
"2014-07-02	13:00:00"	14.554	42.94	78.416	45.273	1024.5	26.577	0
"2014-07-02	14:00:00"	13.381	69.185	81.633	41.018	970.64	26.565	0
"2014-07-02	15:00:00"	13.842	73.136	83.286	37.819	816.22	26.556	0
"2014-07-02	16:00:00"	12.877	77.153	84.832	34.744	858.52	26.547	0
"2014-07-02	17:00:00"	13.19	73.376	82.431	42.396	198.29	26.518	0.01
"2014-07-02	18:00:00"	20.957	68.191	65.183	84.959	32.965	26.539	1.15
"2014-07-02	19:00:00"	18.025	174.01	64.94	85.874	29.316	26.55	0.83
"2014-07-02	20:00:00"	11.187	156.25	67.398	78.952	12.276	26.536	0.48
"2014-07-02	21:00:00"	5.7172	16.229	68.082	81.391	2.5421	26.539	0.05
"2014-07-02	22:00:00"	9.0639	4.041	69.153	81.628	0.0973	26.568	0.02
"2014-07-02	23:00:00"	9.937	357.44	68.225	85.836	0.0797	26.598	0.01
"2014-07-03	00:00:00"	10.794	10.074	68.447	85.294	0.08946	26.604	0
"2014-07-03	01:00:00"	5.1077	82.542	69.66	81.422	0.08882	26.615	0.03
"2014-07-03	02:00:00"	4.0004	312.33	69.528	81.928	0.06126	26.633	0.01
"2014-07-03	03:00:00"	3.1212	324.92	67.963	85.464	0.07334	26.615	0
"2014-07-03	04:00:00"	5.6949	33.065	67.966	86.122	0.06444	26.601	0
"2014-07-03	05:00:00"	7.7559	54.634	67.329	86.929	0.07165	26.604	0
"2014-07-03	06:00:00"	7.9032	50.966	66.911	88.645	0.09412	26.601	0
"2014-07-03	07:00:00"	6.8966	64.409	66.594	89.231	0.62958	26.609	0
"2014-07-03	08:00:00"	6.3461	49.199	66.62	88.746	44.728	26.621	0
"2014-07-03	09:00:00"	8.4898	62.767	68.568	85.205	265.58	26.63	0
"2014-07-03	10:00:00"	9.1136	80.206	71.757	75.859	478.08	26.633	0
"2014-07-03	11:00:00"	7.5596	109.62	75.166	65.156	673.36	26.627	0
"2014-07-03	12:00:00"	8.3935	132.96	77.693	58.568	855.78	26.627	0
"2014-07-03	13:00:00"	8.9707	133.09	80.228	50.227	914.51	26.612	0
"2014-07-03	14:00:00"	11.434	142.52	82.894	41.63	977.15	26.601	0
"2014-07-03	15:00:00"	11.38	144.47	84.68	37.317	931.76	26.583	0
"2014-07-03	16:00:00"	11.557	151.34	86.16	33.604	889.92	26.559	0
"2014-07-03	17:00:00"	14.167	125.6	85.937	36.324	789.93	26.553	0
"2014-07-03	18:00:00"	15.857	130.42	85.41	36.88	651.54	26.542	0
"2014-07-03	19:00:00"	16.633	124.85	84.182	38.244	486.91	26.527	0
"2014-07-03	20:00:00"	15.283	132.23	83.497	36.576	265.67	26.533	0
"2014-07-03	21:00:00"	12.032	141.31	82.782	35.898	71.168	26.539	0
"2014-07-03	22:00:00"	9.3665	122.65	79.807	42.28	0.68173	26.565	0
"2014-07-03	23:00:00"	6.5505	108.44	76.816	50.07	0.06699	26.598	0
"2014-07-04	00:00:00"	6.0435	115.38	75.089	52.869	0.07652	26.612	0
"2014-07-04	01:00:00"	6.9035	131.66	74.258	49.39	0.06511	26.618	0
"2014-07-04	02:00:00"	7.4944	141.23	72.781	49.21	0.09348	26.618	0
"2014-07-04	03:00:00"	7.623	130.67	71.94	51.221	0.0797	26.618	0

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"2014-07-04	04:00:00"	4.7081	85.104	68.149	61.807	0.07398	26.618	0
"2014-07-04	05:00:00"	4.0638	87.792	66.201	69.344	0.08543	26.615	0
"2014-07-04	06:00:00"	6.2386	96.975	65.803	76.842	0.09624	26.618	0
"2014-07-04	07:00:00"	7.2582	106.53	66.043	78.369	1.8788	26.624	0
"2014-07-04	08:00:00"	7.4384	127.11	67.438	72.985	67.386	26.648	0
"2014-07-04	09:00:00"	9.8083	148.67	70.24	66.385	254.83	26.657	0
"2014-07-04	10:00:00"	13.212	162.87	73.475	60.782	474.95	26.66	0
"2014-07-04	11:00:00"	13.957	165.07	77.146	52.837	683.51	26.648	0
"2014-07-04	12:00:00"	14.295	171.86	80.202	45.542	861.23	26.642	0
"2014-07-04	13:00:00"	11.927	175.43	82.517	39.944	982.53	26.642	0
"2014-07-04	14:00:00"	11.821	164.7	84.39	35.107	1049.5	26.621	0
"2014-07-04	15:00:00"	12.102	157.18	86.354	31.299	998.08	26.607	0
"2014-07-04	16:00:00"	12.243	150.97	87.592	28.336	772.56	26.595	0
"2014-07-04	17:00:00"	13.012	151.27	89.085	25.35	830.27	26.58	0
"2014-07-04	18:00:00"	14.403	150.44	89.328	23.625	698.71	26.565	0
"2014-07-04	19:00:00"	14.86	153.6	88.991	21.559	485.56	26.556	0
"2014-07-04	20:00:00"	14.626	156.36	87.626	21.399	263.57	26.562	0
"2014-07-04	21:00:00"	14.203	152.54	85.328	24.093	70.284	26.571	0
"2014-07-04	22:00:00"	10.304	152.07	82.026	29.409	0.53991	26.586	0
"2014-07-04	23:00:00"	8.0772	148.38	78.974	33.896	0.07483	26.604	0
"2014-07-05	00:00:00"	7.6503	145.19	76.668	38.141	0.0778	26.615	0
"2014-07-05	01:00:00"	7.8902	147.65	75.034	40.254	0.05003	26.621	0
"2014-07-05	02:00:00"	6.4504	155.25	73.108	46.477	0.06084	26.621	0
"2014-07-05	03:00:00"	5.8005	155.31	71.75	52.374	0.06338	26.621	0
"2014-07-05	04:00:00"	5.5756	147.19	70.832	55.706	0.0496	26.621	0
"2014-07-05	05:00:00"	6.0236	136.61	69.96	57.74	0.0831	26.621	0
"2014-07-05	06:00:00"	6.2473	142.57	69.229	60.227	0.06508	26.627	0
"2014-07-05	07:00:00"	5.8807	135.5	68.014	62.489	1.981	26.63	0
"2014-07-05	08:00:00"	6.274	140.03	68.023	67.295	80.633	26.633	0
"2014-07-05	09:00:00"	11.408	157.03	71.379	65.402	266.06	26.633	0
"2014-07-05	10:00:00"	13.816	169.38	74.82	57.503	484.75	26.63	0
"2014-07-05	11:00:00"	12.805	171.55	77.644	51.124	694.74	26.615	0
"2014-07-05	12:00:00"	11.375	171.94	81.033	43.178	872.18	26.612	0
"2014-07-05	13:00:00"	10.364	175.82	83.816	36.062	999.37	26.604	0
"2014-07-05	14:00:00"	8.7508	177.61	85.893	30.777	1067.1	26.589	0
"2014-07-05	15:00:00"	10.083	160.48	88.124	26.704	1069.2	26.574	0
"2014-07-05	16:00:00"	10.916	161.61	89.391	24.636	1007	26.556	0
"2014-07-05	17:00:00"	10.491	175.66	90.474	22.02	882.09	26.539	0
"2014-07-05	18:00:00"	11.484	163.14	90.781	21.8	708.71	26.518	0
"2014-07-05	19:00:00"	10.14	158.42	90.558	21.58	484.78	26.5	0
"2014-07-05	20:00:00"	10.348	147.99	89.546	22.417	250.14	26.506	0
"2014-07-05	21:00:00"	11.416	145.56	87.05	25.28	49.433	26.518	0
"2014-07-05	22:00:00"	11.431	147.69	83.687	30.578	0.35719	26.53	0
"2014-07-05	23:00:00"	13.829	153.55	81.386	36.289	0.06232	26.545	0
"2014-07-06	00:00:00"	13.422	157.15	79.354	39.873	0.07992	26.55	0
"2014-07-06	01:00:00"	11.958	168.04	77.327	44.691	0.06847	26.547	0
"2014-07-06	02:00:00"	10.788	171.55	75.775	48.308	0.07059	26.536	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-06"	03:00:00"	9.904	174.09	74.068	52.07	0.0655	26.527	0
"2014-07-06"	04:00:00"	8.1598	165.16	73.009	54.677	0.092	26.518	0
"2014-07-06"	05:00:00"	7.9479	156.93	72.368	56.992	0.06868	26.515	0
"2014-07-06"	06:00:00"	6.3224	157.35	71.153	60.386	0.07398	26.515	0
"2014-07-06"	07:00:00"	3.1994	117.39	69.455	65.386	1.2467	26.536	0
"2014-07-06"	08:00:00"	2.7011	51.84	68.392	69.731	57.993	26.553	0
"2014-07-06"	09:00:00"	3.7705	72.124	70.629	63.626	181.81	26.568	0
"2014-07-06"	10:00:00"	5.8191	119.53	72.158	61.288	207.44	26.562	0
"2014-07-06"	11:00:00"	5.1015	169.63	73.337	59.516	278.02	26.553	0
"2014-07-06"	12:00:00"	4.2725	152.64	75.424	56.068	475.19	26.553	0
"2014-07-06"	13:00:00"	4.4565	131.92	78.252	51.31	437.06	26.547	0
"2014-07-06"	14:00:00"	3.5014	152.12	81.008	44.922	564.68	26.539	0
"2014-07-06"	15:00:00"	5.6203	177.09	82.961	38.846	357.1	26.524	0
"2014-07-06"	16:00:00"	5.3401	232.95	83.566	39.935	370	26.506	0
"2014-07-06"	17:00:00"	6.1249	219.44	83.454	39.837	364.6	26.485	0
"2014-07-06"	18:00:00"	5.0064	223.8	83.408	37.282	236.25	26.462	0
"2014-07-06"	19:00:00"	4.2017	235.56	84.922	34.156	360.1	26.459	0
"2014-07-06"	20:00:00"	2.703	268.46	84.933	33.424	187.94	26.462	0
"2014-07-06"	21:00:00"	2.2394	255.9	82.392	36.595	37.184	26.462	0
"2014-07-06"	22:00:00"	2.0108	295.49	78.906	45.3	0.32369	26.474	0
"2014-07-06"	23:00:00"	2.5184	76.077	74.075	55.868	0.0725	26.494	0
"2014-07-07"	00:00:00"	4.6081	147.41	76.602	47.236	0.07017	26.509	0
"2014-07-07"	01:00:00"	3.5363	166.68	75.024	49.312	0.06426	26.518	0
"2014-07-07"	02:00:00"	0.599	235.35	72.04	55.052	0.08712	26.506	0
"2014-07-07"	03:00:00"	1.4217	42.184	70.851	60.02	0.07356	26.5	0
"2014-07-07"	04:00:00"	5.4482	145.05	72.819	56.788	0.08691	26.494	0
"2014-07-07"	05:00:00"	3.7556	152.51	71.74	60.099	0.08267	26.488	0
"2014-07-07"	06:00:00"	1.2664	174.3	69.543	65.877	0.07822	26.485	0
"2014-07-07"	07:00:00"	1.6249	110.95	69.095	67.278	4.3257	26.491	0
"2014-07-07"	08:00:00"	3.5884	113.51	69.744	65.605	84.807	26.506	0
"2014-07-07"	09:00:00"	6.392	138.25	73.911	57.085	265.48	26.509	0
"2014-07-07"	10:00:00"	8.7054	155.4	77.379	47.971	487.01	26.512	0
"2014-07-07"	11:00:00"	6.8276	174.56	79.857	42.844	695.4	26.512	0
"2014-07-07"	12:00:00"	4.9213	135.65	82.745	36.086	871.69	26.506	0
"2014-07-07"	13:00:00"	8.6687	152	84.996	30.545	1007.9	26.494	0
"2014-07-07"	14:00:00"	10.184	163.81	86.703	27.216	1023.2	26.48	0
"2014-07-07"	15:00:00"	8.6122	156.14	87.995	24.512	1106.8	26.465	0
"2014-07-07"	16:00:00"	8.5842	161.71	89.342	23.819	979.62	26.45	0
"2014-07-07"	17:00:00"	8.7141	151.64	89.978	22.491	853.06	26.429	0
"2014-07-07"	18:00:00"	9.6089	145.79	90.499	22.051	686.22	26.412	0
"2014-07-07"	19:00:00"	10.582	138.53	90.517	21.805	454.86	26.397	0
"2014-07-07"	20:00:00"	10.322	143.1	89.961	21.897	261.31	26.397	0
"2014-07-07"	21:00:00"	10.836	138.27	87.914	25.293	73.861	26.412	0
"2014-07-07"	22:00:00"	9.2298	137.58	84.505	30.008	0.72285	26.435	0
"2014-07-07"	23:00:00"	11.251	146.97	82.313	32.876	0.06529	26.456	0
"2014-07-08"	00:00:00"	12.777	156.38	80.926	33.972	0.07652	26.477	0
"2014-07-08"	01:00:00"	14.565	163.97	79.152	37.181	0.08181	26.488	0

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"2014-07-08	02:00:00"	11.798	163.05	76.854	41.131	0.08606	26.477	0
"2014-07-08	03:00:00"	10.515	170.24	74.878	47.336	0.0655	26.465	0
"2014-07-08	04:00:00"	8.1412	175.85	73.339	52.878	0.07462	26.471	0
"2014-07-08	05:00:00"	5.117	178.71	71.878	56.676	0.07631	26.474	0
"2014-07-08	06:00:00"	3.3989	174.47	70.166	61.208	0.092	26.471	0
"2014-07-08	07:00:00"	4.257	196.77	69.956	61.492	1.4576	26.483	0
"2014-07-08	08:00:00"	4.5323	179.34	69.891	62.524	77.088	26.497	0
"2014-07-08	09:00:00"	9.3964	173.99	72.53	58.798	261.82	26.509	0
"2014-07-08	10:00:00"	10.144	182.25	75.749	52.65	481.17	26.524	0
"2014-07-08	11:00:00"	8.1785	180.92	79.413	44.837	690.94	26.524	0
"2014-07-08	12:00:00"	6.1286	167.12	83.153	37.275	880.79	26.527	0
"2014-07-08	13:00:00"	3.9935	170.15	85.853	32.782	1008.7	26.527	0
"2014-07-08	14:00:00"	4.38	102.28	87.811	28.641	1041.3	26.512	0
"2014-07-08	15:00:00"	4.8044	119.84	89.345	27.178	889.16	26.503	0
"2014-07-08	16:00:00"	5.821	134.91	89.878	26.996	1004	26.488	0
"2014-07-08	17:00:00"	5.5302	78.747	90.732	24.507	773.55	26.474	0
"2014-07-08	18:00:00"	8.2984	87.774	92.146	21.392	708.67	26.456	0
"2014-07-08	19:00:00"	8.6781	118.7	92.407	19.936	511.26	26.447	0
"2014-07-08	20:00:00"	11.459	109.05	91.329	22.213	255.33	26.456	0
"2014-07-08	21:00:00"	11.3	125.94	88.71	26.59	65.194	26.468	0
"2014-07-08	22:00:00"	8.4407	132.31	85.306	31.584	0.33556	26.497	0
"2014-07-08	23:00:00"	9.6623	146.78	83.344	35.361	0.07674	26.518	0
"2014-07-09	00:00:00"	8.7986	156.08	81.413	39.351	0.06741	26.53	0
"2014-07-09	01:00:00"	9.1714	166.02	79.917	42.291	0.07292	26.536	0
"2014-07-09	02:00:00"	7.5105	171.33	77.538	46.563	0.07483	26.536	0
"2014-07-09	03:00:00"	7.6609	168.5	75.802	51.387	0.07716	26.521	0
"2014-07-09	04:00:00"	6.8264	168.92	74.161	56.575	0.0655	26.518	0
"2014-07-09	05:00:00"	8.7073	158.7	73.505	58.342	0.08564	26.515	0
"2014-07-09	06:00:00"	7.2924	152.78	72.463	60.475	0.07801	26.509	0
"2014-07-09	07:00:00"	5.4507	148.33	71.609	62.566	1.4239	26.521	0
"2014-07-09	08:00:00"	4.6771	136.14	71.501	63.309	75.08	26.53	0
"2014-07-09	09:00:00"	6.8792	140.67	74.067	59.551	259.34	26.539	0
"2014-07-09	10:00:00"	8.4587	150.7	77.367	53.208	477.7	26.547	0
"2014-07-09	11:00:00"	8.4071	154.53	80.34	47.569	688.59	26.545	0
"2014-07-09	12:00:00"	8.1406	139.09	83.189	40.398	865.58	26.539	0
"2014-07-09	13:00:00"	10.585	132.13	86.16	32.891	987.33	26.527	0
"2014-07-09	14:00:00"	11.452	130.42	88.431	28.373	1051.5	26.509	0
"2014-07-09	15:00:00"	13.212	148.83	89.271	27.615	1001	26.5	0
"2014-07-09	16:00:00"	12.573	139.14	89.609	27.374	907.65	26.48	0
"2014-07-09	17:00:00"	13.072	146	90.402	27.142	948.02	26.465	0
"2014-07-09	18:00:00"	13.228	146.41	90.526	26.078	673.68	26.444	0
"2014-07-09	19:00:00"	13.306	134.09	89.963	27.081	541.61	26.432	0
"2014-07-09	20:00:00"	13.644	142.69	88.537	29.553	214.39	26.444	0
"2014-07-09	21:00:00"	14.138	152.56	86.402	33.047	47.18	26.462	0
"2014-07-09	22:00:00"	10.346	146.12	83.581	37.214	0.30758	26.485	0
"2014-07-09	23:00:00"	8.8365	149.94	81.352	40.758	0.07356	26.503	0
"2014-07-10	00:00:00"	7.4129	163.85	79.369	45.051	0.06974	26.506	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-10"	01:00:00"	8.5648	156.73	77.787	47.905	0.06659	26.506	0
"2014-07-10"	02:00:00"	8.1139	160.39	76.649	51.866	0.07313	26.5	0
"2014-07-10"	03:00:00"	6.7282	157.02	74.888	57.239	0.07589	26.491	0
"2014-07-10"	04:00:00"	6.8052	150.29	73.36	57.848	0.07334	26.477	0
"2014-07-10"	05:00:00"	7.805	145.93	72.462	55.786	0.0867	26.474	0
"2014-07-10"	06:00:00"	6.9507	133.31	70.557	57.498	0.07165	26.474	0
"2014-07-10"	07:00:00"	8.4028	145.23	69.294	59.23	1.2674	26.477	0
"2014-07-10"	08:00:00"	7.0656	143.97	69.067	61.955	74.563	26.497	0
"2014-07-10"	09:00:00"	9.2535	151.01	72.058	58.276	256.82	26.518	0
"2014-07-10"	10:00:00"	13.403	165.39	75.453	51.572	419.31	26.518	0
"2014-07-10"	11:00:00"	13.212	163.49	78.281	44.779	611.28	26.524	0
"2014-07-10"	12:00:00"	12.369	157.51	80.57	39.178	792.22	26.518	0
"2014-07-10"	13:00:00"	12.214	154.63	83.811	33.12	999.65	26.506	0
"2014-07-10"	14:00:00"	12.448	152.71	85.955	29.993	1063.8	26.488	0
"2014-07-10"	15:00:00"	13.593	150.44	87.557	28.128	1045.6	26.462	0
"2014-07-10"	16:00:00"	14.734	155.44	88.584	25.181	998.4	26.447	0
"2014-07-10"	17:00:00"	14.874	153.16	89.292	23.485	872.05	26.432	0
"2014-07-10"	18:00:00"	14.264	152.71	89.366	23.251	699.12	26.423	0
"2014-07-10"	19:00:00"	12.717	157.02	89.143	24.17	499.02	26.418	0
"2014-07-10"	20:00:00"	12.793	153.43	88.057	26.001	275.37	26.432	0
"2014-07-10"	21:00:00"	11.812	156.15	85.959	29.068	75.143	26.447	0
"2014-07-10"	22:00:00"	10.886	151.84	82.773	34.065	0.43519	26.471	0
"2014-07-10"	23:00:00"	9.1373	145.47	80.132	37.893	0.07652	26.497	0
"2014-07-11"	00:00:00"	8.752	150.33	77.611	42.888	0.08691	26.515	0
"2014-07-11"	01:00:00"	12.071	164.63	76.817	48.434	0.08352	26.524	0
"2014-07-11"	02:00:00"	12.6	167.56	74.345	56.2	0.07017	26.521	0
"2014-07-11"	03:00:00"	10.862	173.88	72.216	56.953	0.0778	26.518	0
"2014-07-11"	04:00:00"	9.131	172.84	70.417	62.951	0.07144	26.515	0
"2014-07-11"	05:00:00"	7.8784	167.04	69.042	67.853	0.07292	26.512	0
"2014-07-11"	06:00:00"	7.3881	154.56	68.048	71.239	0.05893	26.515	0
"2014-07-11"	07:00:00"	5.345	141.64	66.608	75.021	1.4281	26.521	0
"2014-07-11"	08:00:00"	3.7133	120.46	66.543	75.368	77.277	26.539	0
"2014-07-11"	09:00:00"	9.3815	140.65	69.147	70.334	259.34	26.553	0
"2014-07-11"	10:00:00"	12.286	148.76	71.535	65.732	477.84	26.562	0
"2014-07-11"	11:00:00"	11.802	151.91	73.351	61.662	635.89	26.562	0
"2014-07-11"	12:00:00"	11.484	151.75	76.235	54.963	910.16	26.565	0
"2014-07-11"	13:00:00"	11.414	152.1	78.219	49.42	865.48	26.556	0
"2014-07-11"	14:00:00"	11.838	156.83	80.12	44.604	878.75	26.542	0
"2014-07-11"	15:00:00"	11.956	147.77	81.863	41.171	820.2	26.527	0
"2014-07-11"	16:00:00"	11.571	141.44	83.256	39.135	777.56	26.512	0
"2014-07-11"	17:00:00"	12.416	141.8	84.314	37.781	836.4	26.497	0
"2014-07-11"	18:00:00"	13.534	134.5	84.492	36.91	574.74	26.491	0
"2014-07-11"	19:00:00"	16.382	134.41	83.07	40.121	379.67	26.485	0
"2014-07-11"	20:00:00"	16.1	138.84	81.648	42.593	281.57	26.491	0
"2014-07-11"	21:00:00"	14.974	136.32	79.738	48.266	78.508	26.509	0
"2014-07-11"	22:00:00"	14.908	141.71	77.297	54.585	0.42163	26.542	0
"2014-07-11"	23:00:00"	14.937	144.03	74.494	61.871	0.07695	26.574	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-12"	00:00:00"	9.2677	144.38	72.646	66.258	0.08034	26.589	0
"2014-07-12"	01:00:00"	9.0934	140.78	72.156	66.148	0.07187	26.598	0
"2014-07-12"	02:00:00"	10.399	137.63	71.743	70.137	0.07101	26.58	0
"2014-07-12"	03:00:00"	8.3748	126.34	70.775	72.328	0.07313	26.565	0
"2014-07-12"	04:00:00"	8.4805	134.1	70.247	70.129	0.07822	26.562	0
"2014-07-12"	05:00:00"	8.3848	130.61	69.45	72.276	0.0725	26.556	0
"2014-07-12"	06:00:00"	9.4169	138.23	69.073	72.791	0.08479	26.562	0
"2014-07-12"	07:00:00"	6.8282	127.34	68.496	74.521	0.87611	26.577	0
"2014-07-12"	08:00:00"	8.5774	149.2	69.315	75.053	41.378	26.586	0
"2014-07-12"	09:00:00"	12.982	155.61	70.802	73.24	168.3	26.592	0
"2014-07-12"	10:00:00"	14.297	160.25	72.779	68.744	337.21	26.601	0
"2014-07-12"	11:00:00"	13.924	154.58	75.323	62.734	639.06	26.598	0
"2014-07-12"	12:00:00"	13.208	162.18	78.601	55.042	853.71	26.601	0
"2014-07-12"	13:00:00"	11.799	170.09	81.057	49.316	970.74	26.595	0
"2014-07-12"	14:00:00"	9.6884	164.31	82.866	45.087	811.44	26.577	0
"2014-07-12"	15:00:00"	9.9394	172.09	85.003	40.499	1117.9	26.556	0
"2014-07-12"	16:00:00"	9.3081	165.8	86.955	35.57	1036	26.545	0
"2014-07-12"	17:00:00"	10.425	157.31	88.55	32.139	894.16	26.518	0
"2014-07-12"	18:00:00"	11.891	159.98	88.883	31.945	558.68	26.512	0
"2014-07-12"	19:00:00"	14.308	155.69	88.695	31.834	373.8	26.512	0
"2014-07-12"	20:00:00"	16.064	156.62	87.302	34.036	193.88	26.515	0
"2014-07-12"	21:00:00"	13.335	168.73	84.627	37.837	10.626	26.524	0
"2014-07-12"	22:00:00"	10.426	163.66	82.096	42.171	0.35125	26.533	0
"2014-07-12"	23:00:00"	12.355	155.78	80.247	47.158	0.05405	26.553	0
"2014-07-13"	00:00:00"	12.919	162.62	78.579	49.492	0.06126	26.574	0
"2014-07-13"	01:00:00"	11.382	163.69	76.857	52.161	0.06211	26.583	0
"2014-07-13"	02:00:00"	8.0449	158.15	75.284	54.983	0.05469	26.589	0
"2014-07-13"	03:00:00"	6.5687	150.49	73.794	58.142	0.0761	26.589	0
"2014-07-13"	04:00:00"	2.7278	96.386	71.237	63.085	0.07568	26.595	0
"2014-07-13"	05:00:00"	3.0895	78.096	68.801	67.844	0.08628	26.586	0
"2014-07-13"	06:00:00"	4.7802	92.858	67.723	70.109	0.08564	26.571	0
"2014-07-13"	07:00:00"	6.0434	101.83	68.411	70.895	1.2178	26.583	0
"2014-07-13"	08:00:00"	5.4072	73.779	66.78	74.224	68.219	26.601	0
"2014-07-13"	09:00:00"	6.8674	114.21	71.15	65.803	251.98	26.615	0
"2014-07-13"	10:00:00"	9.7189	153.18	75.281	57.011	474.1	26.612	0
"2014-07-13"	11:00:00"	8.9198	161.12	78.776	49.145	684.77	26.607	0
"2014-07-13"	12:00:00"	9.1136	159.66	81.721	41.834	858.3	26.609	0
"2014-07-13"	13:00:00"	7.554	134.16	84.17	35.985	973.21	26.598	0
"2014-07-13"	14:00:00"	9.7549	144.52	86.874	31.502	1036.6	26.58	0
"2014-07-13"	15:00:00"	9.6064	147.59	88.615	29.097	1034.5	26.568	0
"2014-07-13"	16:00:00"	9.6518	144.88	89.89	26.503	931.28	26.547	0
"2014-07-13"	17:00:00"	10.929	139.45	90.866	24.934	771.89	26.521	0
"2014-07-13"	18:00:00"	10.984	147.83	91.321	24.866	615.15	26.512	0
"2014-07-13"	19:00:00"	10.548	154.6	91.06	25.259	467.29	26.506	0
"2014-07-13"	20:00:00"	10.033	156.78	90.578	26.437	290.43	26.506	0
"2014-07-13"	21:00:00"	10.896	144.77	88.474	29.486	69.522	26.512	0
"2014-07-13"	22:00:00"	7.5509	145.81	85.038	33.231	0.29932	26.515	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-13	23:00:00"	6.0944	145.34	82.222	37.201	0.06487	26.536	0
"2014-07-14	00:00:00"	3.9525	164.02	79.712	41.555	0.07652	26.565	0
"2014-07-14	01:00:00"	4.7672	165.63	78.5	43.862	0.0496	26.565	0
"2014-07-14	02:00:00"	6.9196	158.77	76.835	47.771	0.08797	26.562	0
"2014-07-14	03:00:00"	5.0319	178.93	74.598	52.428	0.07822	26.559	0
"2014-07-14	04:00:00"	4.4683	177.4	72.807	55.616	0.06147	26.553	0
"2014-07-14	05:00:00"	4.129	173.95	71.675	57.934	0.06953	26.547	0
"2014-07-14	06:00:00"	5.3301	166.77	71.587	58.32	0.06995	26.547	0
"2014-07-14	07:00:00"	4.3049	213.09	70.768	60.465	0.78072	26.559	0
"2014-07-14	08:00:00"	2.4998	240.02	70.825	61.97	59.582	26.568	0
"2014-07-14	09:00:00"	2.1263	290.71	74.305	57.076	237.84	26.589	0
"2014-07-14	10:00:00"	3.1187	129.43	78.238	47.453	449.33	26.583	0
"2014-07-14	11:00:00"	5.8166	173.03	80.869	41.421	678.12	26.583	0
"2014-07-14	12:00:00"	3.3312	113.67	83.946	34.77	861.3	26.577	0
"2014-07-14	13:00:00"	4.1216	163.9	87.301	29.097	990.5	26.559	0
"2014-07-14	14:00:00"	7.3067	120.36	90.37	24.107	1076.4	26.539	0
"2014-07-14	15:00:00"	7.5869	104.85	91.746	22.674	1030.6	26.509	0
"2014-07-14	16:00:00"	8.7806	110.84	92.244	21.726	731.96	26.494	0
"2014-07-14	17:00:00"	6.7655	108.71	92.716	21.188	685.35	26.485	0
"2014-07-14	18:00:00"	7.6913	130.54	93.43	19.756	669.09	26.477	0
"2014-07-14	19:00:00"	7.8684	58.122	91.924	22.662	350.45	26.471	0
"2014-07-14	20:00:00"	10.496	42.557	89.497	27.497	262.7	26.462	0
"2014-07-14	21:00:00"	6.5045	51.474	87.743	28.696	60.371	26.477	0
"2014-07-14	22:00:00"	4.9157	57.592	85.107	30.754	0.22406	26.5	0
"2014-07-14	23:00:00"	4.8796	64.172	83.345	32.162	0.085	26.521	0
"2014-07-15	00:00:00"	12.478	80.634	81.771	37.248	0.08628	26.545	0
"2014-07-15	01:00:00"	18.183	38.608	75.924	53.204	0.08564	26.589	0
"2014-07-15	02:00:00"	19.067	18.936	70.133	65.809	0.0708	26.601	0
"2014-07-15	03:00:00"	15.395	28.607	69.732	65.513	0.09285	26.601	0
"2014-07-15	04:00:00"	11.124	31.996	70.016	67.548	0.10663	26.586	0
"2014-07-15	05:00:00"	8.3369	38.022	70.336	66.244	0.06169	26.598	0
"2014-07-15	06:00:00"	6.6282	31.482	70.52	65.613	0.08734	26.595	0
"2014-07-15	07:00:00"	7.8964	46.081	68.308	78.021	0.07801	26.601	0.02
"2014-07-15	08:00:00"	10.285	57.162	65.901	85.752	0.76355	26.604	0.06
"2014-07-15	09:00:00"	7.5726	48.515	65.847	87.585	5.1941	26.618	0.12
"2014-07-15	10:00:00"	7.8075	73.732	65.745	88.025	31.841	26.618	0.04
"2014-07-15	11:00:00"	7.531	75.376	67.252	83.796	301.39	26.615	0
"2014-07-15	12:00:00"	4.5646	24.548	70.985	74.616	437.26	26.612	0
"2014-07-15	13:00:00"	4.8082	38.65	73.348	68.004	616.2	26.598	0
"2014-07-15	14:00:00"	5.0064	66.068	75.651	60.237	741.69	26.586	0
"2014-07-15	15:00:00"	5.8751	86.772	78.853	52.761	1103.6	26.565	0
"2014-07-15	16:00:00"	5.1903	133.3	81.056	45.545	1049.1	26.539	0
"2014-07-15	17:00:00"	5.0387	107.68	82.201	43.315	827.85	26.515	0
"2014-07-15	18:00:00"	6.2827	104.84	82.935	43.823	548.44	26.491	0
"2014-07-15	19:00:00"	8.4724	97.543	83.434	43.973	464.71	26.474	0
"2014-07-15	20:00:00"	8.2729	102.53	83.483	41.986	276.65	26.474	0
"2014-07-15	21:00:00"	11.311	102.39	81.384	47.618	53.826	26.48	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-15	22:00:00"	9.7586	111.73	79.071	52.734	0.23805	26.518	0
"2014-07-15	23:00:00"	14.977	118.92	76.448	58.297	0.06783	26.53	0
"2014-07-16	00:00:00"	11.204	117.05	74.194	65.842	0.07356	26.512	0
"2014-07-16	01:00:00"	11.334	132.96	72.99	68.398	0.05702	26.509	0
"2014-07-16	02:00:00"	9.1571	131.08	71.678	71.731	0.07123	0.26488	0
"2014-07-16	03:00:00"	5.025	145.02	71.289	74.73	0.08119	26.515	0
"2014-07-16	04:00:00"	4.1073	141.91	70.648	75.897	0.07207	26.503	0
"2014-07-16	05:00:00"	3.7643	192.25	69.84	78.516	0.07165	26.497	0
"2014-07-16	06:00:00"	2.5333	196.02	70.181	77.008	0.08458	26.488	0
"2014-07-16	07:00:00"	5.8415	180.67	69.763	75.904	0.35994	26.491	0
"2014-07-16	08:00:00"	5.2891	186.4	69.148	77.942	31.261	26.497	0
"2014-07-16	09:00:00"	2.9385	201.42	69.87	76.438	113.54	26.5	0
"2014-07-16	10:00:00"	5.0188	189.47	71.286	72.244	273.81	26.485	0
"2014-07-16	11:00:00"	3.6064	181.48	73.929	64.596	513.65	26.459	0
"2014-07-16	12:00:00"	5.9919	167.43	76.625	55.456	846.08	26.459	0
"2014-07-16	13:00:00"	5.4911	161.3	79.776	46.722	1004.5	26.447	0
"2014-07-16	14:00:00"	5.0946	197.01	82.267	42.256	1028.5	26.438	0
"2014-07-16	15:00:00"	6.4765	156.12	84.436	36.009	1014.2	26.415	0
"2014-07-16	16:00:00"	7.8268	173.19	86.329	31.268	903.14	26.385	0
"2014-07-16	17:00:00"	7.1855	180.19	88.159	30.169	877.18	26.353	0
"2014-07-16	18:00:00"	6.0049	237.33	89.233	28.959	446.28	26.338	0
"2014-07-16	19:00:00"	7.1259	192.94	88.611	29.695	294.97	26.323	0
"2014-07-16	20:00:00"	6.3852	170.17	88.182	31.293	129.07	26.323	0
"2014-07-16	21:00:00"	6.228	139.42	87.389	33.04	58.348	26.329	0
"2014-07-16	22:00:00"	14.556	170.52	82.02	46.258	0.13482	26.335	0
"2014-07-16	23:00:00"	9.8369	171.44	78.504	55.114	0.08946	26.356	0
"2014-07-17	00:00:00"	7.3589	171.03	77.152	57.213	0.09221	26.376	0
"2014-07-17	01:00:00"	6.4028	165.51	76.251	60.73	0.08477	26.37	0
"2014-07-17	02:00:00"	5.7775	147.88	75.218	64.332	0.0566	26.347	0
"2014-07-17	03:00:00"	6.6437	149.11	74.465	66.617	0.07292	26.353	0
"2014-07-17	04:00:00"	8.153	143.34	73.632	70.911	0.07377	26.353	0
"2014-07-17	05:00:00"	8.7091	168.94	73.222	67.71	0.06635	26.341	0
"2014-07-17	06:00:00"	8.3357	158.37	72.309	66.784	0.07186	26.338	0
"2014-07-17	07:00:00"	5.7787	139.88	71.309	70.681	0.09687	26.35	0
"2014-07-17	08:00:00"	3.3654	61.966	70.526	76.017	10.85	26.37	0.11
"2014-07-17	09:00:00"	6.978	51.34	69.253	85.665	40.226	26.388	0
"2014-07-17	10:00:00"	8.6843	66.614	69.448	84.294	211.17	26.412	0
"2014-07-17	11:00:00"	10.005	78.69	70.125	82.46	271.34	26.412	0
"2014-07-17	12:00:00"	7.311	75.423	72.69	75.017	425	26.423	0
"2014-07-17	13:00:00"	6.7773	37.169	73.785	72.213	265.84	26.42	0
"2014-07-17	14:00:00"	7.6422	65.049	73.756	72.555	408.99	26.415	0
"2014-07-17	15:00:00"	9.1491	47.813	76.903	63.308	775.71	26.412	0
"2014-07-17	16:00:00"	12.07	57.719	78.6	58.517	969.92	26.403	0
"2014-07-17	17:00:00"	10.892	66.671	79.509	55.323	838.54	26.397	0
"2014-07-17	18:00:00"	10.458	65.229	80.471	52.024	647.92	26.391	0
"2014-07-17	19:00:00"	13.362	74.223	79.479	54.284	420.41	26.403	0
"2014-07-17	20:00:00"	12.663	75.742	77.331	58.242	92.603	26.412	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-17	21:00:00"	14.437	72.39	73.604	65.986	33.799	26.429	0
"2014-07-17	22:00:00"	12.132	72.011	71.647	69.785	0.10578	26.453	0
"2014-07-17	23:00:00"	9.3336	79.218	70.323	72.711	0.06889	26.488	0
"2014-07-18	00:00:00"	7.3291	75.252	69.376	75.305	0.06041	26.5	0
"2014-07-18	01:00:00"	9.4459	81.981	68.53	76.016	0.06173	26.5	0
"2014-07-18	02:00:00"	8.2419	85.463	67.463	78.128	0.06444	26.488	0
"2014-07-18	03:00:00"	6.3218	66.437	67.044	78.523	0.07186	0	0
"2014-07-18	04:00:00"	4.9598	49.76	66.228	81.31	0.07483	26.485	0
"2014-07-18	05:00:00"	5.0542	74.195	65.664	83.709	0.07419	26.494	0
"2014-07-18	06:00:00"	6.5064	67.918	64.784	84.716	0.07356	26.509	0
"2014-07-18	07:00:00"	7.9368	86.592	65.001	84.575	0.45364	26.527	0
"2014-07-18	08:00:00"	8.2058	90.693	64.779	84.044	8.6199	26.533	0
"2014-07-18	09:00:00"	8.8241	89.515	65.183	81.841	52.899	26.547	0
"2014-07-18	10:00:00"	9.0646	98.686	66.122	77.621	128.22	26.547	0
"2014-07-18	11:00:00"	8.3866	100.37	67.08	75.457	214.42	26.542	0
"2014-07-18	12:00:00"	6.4939	101.33	69.692	68.395	628.03	26.53	0
"2014-07-18	13:00:00"	4.8113	126.14	73.433	60.823	898.94	26.518	0
"2014-07-18	14:00:00"	5.8664	157.66	76.468	56.46	973.55	26.503	0
"2014-07-18	15:00:00"	6.128	180.31	78.549	54.531	863.26	26.483	0
"2014-07-18	16:00:00"	6.3492	147.16	80.887	50.32	784.13	26.462	0
"2014-07-18	17:00:00"	6.3635	158.14	83.17	45.631	819.66	26.444	0
"2014-07-18	18:00:00"	7.4738	166.87	84.061	43.904	671.41	26.429	0
"2014-07-18	19:00:00"	7.979	146.45	84.51	41.707	459.33	26.418	0
"2014-07-18	20:00:00"	8.2878	165.39	84.82	41.41	250.71	26.426	0
"2014-07-18	21:00:00"	8.5942	156.98	83.94	44.024	57.355	26.444	0
"2014-07-18	22:00:00"	9.9109	142.37	81.381	49.14	0.34637	26.45	0
"2014-07-18	23:00:00"	8.8465	136.98	79.06	54.636	0.07186	26.456	0
"2014-07-19	00:00:00"	9.264	139.37	76.969	60.439	0.08712	26.462	0
"2014-07-19	01:00:00"	8.7563	139.61	75.175	66.04	0.07356	26.468	0
"2014-07-19	02:00:00"	8.2996	133.99	73.575	70.175	0.06783	26.471	0
"2014-07-19	03:00:00"	9.3603	135.53	72.248	73.452	0.06487	26.462	0
"2014-07-19	04:00:00"	9.6344	133.56	70.902	76.661	0.07398	26.471	0
"2014-07-19	05:00:00"	8.107	107.34	69.423	79.988	0.09052	26.477	0
"2014-07-19	06:00:00"	8.4972	113.33	68.332	83.514	0.08034	26.485	0
"2014-07-19	07:00:00"	9.8406	142.22	68.417	86.212	0.51426	26.485	0
"2014-07-19	08:00:00"	10.113	155.31	69.445	85.224	18.785	26.491	0
"2014-07-19	09:00:00"	12.653	155.7	70.858	82.858	97.245	26.494	0
"2014-07-19	10:00:00"	11.997	167.63	73.358	77.288	286.38	26.512	0
"2014-07-19	11:00:00"	11.011	167.29	76.4	69.519	640.15	26.506	0
"2014-07-19	12:00:00"	9.2037	157.52	79.642	61.544	826.46	26.494	0
"2014-07-19	13:00:00"	9.8183	150.67	83.111	53.745	965.08	26.477	0
"2014-07-19	14:00:00"	10.373	160.8	86.28	46.653	1027.9	26.462	0
"2014-07-19	15:00:00"	9.5958	159.72	88.677	40.755	1023.3	26.45	0
"2014-07-19	16:00:00"	9.9065	149.9	90.915	36.57	970.13	26.435	0
"2014-07-19	17:00:00"	8.2431	153.78	92.211	33.375	850.24	26.42	0
"2014-07-19	18:00:00"	10.126	143.96	92.742	32.714	635.33	26.406	0
"2014-07-19	19:00:00"	9.548	148.65	92.814	31.921	446.5	26.403	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-19	20:00:00"	10.179	139.3	92.499	32.202	239.41	26.406	0
"2014-07-19	21:00:00"	13.375	147.66	89.609	37.528	56.738	26.426	0
"2014-07-19	22:00:00"	11.036	141.05	86.723	41.673	0.45978	26.432	0
"2014-07-19	23:00:00"	11.188	152.6	84.68	46.718	0.06911	26.462	0
"2014-07-20	00:00:00"	12.286	154.97	82.589	51.298	0.08098	26.474	0
"2014-07-20	01:00:00"	7.2489	151.85	80.774	54.427	0.05935	26.5	0
"2014-07-20	02:00:00"	8.4475	152.27	79.424	56.172	0.07525	26.5	0
"2014-07-20	03:00:00"	5.7477	203.4	77.791	59.908	0.06614	26.515	0
"2014-07-20	04:00:00"	5.3109	247.38	76.465	62.148	0.07674	26.483	0
"2014-07-20	05:00:00"	7.7864	214.46	74.47	64.459	0.06571	26.418	0
"2014-07-20	06:00:00"	9.6381	165.73	75.155	65.721	0.0797	26.423	0
"2014-07-20	07:00:00"	9.1522	174.57	74.553	68.255	0.41421	26.453	0
"2014-07-20	08:00:00"	5.4227	118.1	73.197	73.436	49.292	26.471	0
"2014-07-20	09:00:00"	8.4475	164.43	74.592	71.625	232.49	26.497	0
"2014-07-20	10:00:00"	11.206	182.96	76.38	68.567	453.87	26.494	0
"2014-07-20	11:00:00"	8.4009	174.45	78.698	63.746	659.17	26.497	0
"2014-07-20	12:00:00"	5.1903	161.46	81.753	55.644	836.07	26.488	0
"2014-07-20	13:00:00"	5.5053	152.13	85.551	47.049	966.43	26.483	0
"2014-07-20	14:00:00"	5.7011	140.33	88.792	39.995	1036.1	26.465	0
"2014-07-20	15:00:00"	7.2502	158.19	91.833	33.43	1035.8	26.444	0
"2014-07-20	16:00:00"	7.4478	143.44	94.259	29.214	968.5	26.423	0
"2014-07-20	17:00:00"	7.4527	159.27	95.934	25.719	855.32	26.409	0
"2014-07-20	18:00:00"	5.1574	139.89	96.782	22.926	683.64	26.391	0
"2014-07-20	19:00:00"	4.787	157.38	96.786	21.999	321.32	26.391	0
"2014-07-20	20:00:00"	4.9809	154.02	95.412	24.38	99.859	26.394	0
"2014-07-20	21:00:00"	6.2348	146.3	93.402	28.374	41.879	26.406	0
"2014-07-20	22:00:00"	9.7095	147.25	90.869	33.408	0.16068	26.429	0
"2014-07-20	23:00:00"	10.585	154.33	88.767	38.153	0.08055	26.456	0
"2014-07-21	00:00:00"	10.115	168.46	86.688	44.737	0.0708	26.471	0
"2014-07-21	01:00:00"	11.639	155.7	85.116	46.782	0.08564	26.468	0
"2014-07-21	02:00:00"	12.05	157.46	83.701	48.483	0.07419	26.474	0
"2014-07-21	03:00:00"	9.8953	167.07	81.763	51.556	0.07334	26.468	0
"2014-07-21	04:00:00"	8.8005	164.3	79.954	55.744	0.07038	26.468	0
"2014-07-21	05:00:00"	9.3796	173.53	78.53	62.712	0.08394	26.474	0
"2014-07-21	06:00:00"	6.6524	164.69	77.042	67.32	0.07144	26.474	0
"2014-07-21	07:00:00"	4.7274	174.13	75.75	71.193	0.75062	26.491	0
"2014-07-21	08:00:00"	5.1201	155.66	75.235	73.252	44.651	26.5	0
"2014-07-21	09:00:00"	9.2609	153.99	77.17	69.944	209.74	26.512	0
"2014-07-21	10:00:00"	11.195	160.8	80.108	63.421	441.05	26.527	0
"2014-07-21	11:00:00"	10.081	158.51	83.215	56.62	648.06	26.527	0
"2014-07-21	12:00:00"	9.9773	150.59	86.135	50.24	826.03	26.521	0
"2014-07-21	13:00:00"	10.107	150.17	89.556	41.971	956.37	26.512	0
"2014-07-21	14:00:00"	11.029	157.88	93.112	33.983	1025.8	26.497	0
"2014-07-21	15:00:00"	9.6039	151.61	95.368	28.542	1041	26.48	0
"2014-07-21	16:00:00"	9.415	152.32	96.62	24.794	1019.7	26.456	0
"2014-07-21	17:00:00"	10.358	135.6	97.326	23.932	725.04	26.45	0
"2014-07-21	18:00:00"	10.651	139.92	97.121	23.478	593.33	26.453	0

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"2014-07-21	19:00:00"	9.8612	111.7	97.257	22.916	456.77	26.45	0
"2014-07-21	20:00:00"	9.625	128.03	543.2	24.191	151.78	26.459	0
"2014-07-21	21:00:00"	8.8508	132.79	93.111	26.596	21.125	26.462	0
"2014-07-21	22:00:00"	10.328	128.19	91.028	28.339	0.11108	26.474	0
"2014-07-21	23:00:00"	10.355	129.22	89.019	30.928	0.05702	26.503	0
"2014-07-22	00:00:00"	8.012	142.85	86.997	33.366	0.06359	26.533	0
"2014-07-22	01:00:00"	7.4302	148.53	84.638	38.966	0.05961	26.533	0
"2014-07-22	02:00:00"	7.2098	170.43	82.196	46.856	0.0744	26.521	0
"2014-07-22	03:00:00"	6.466	176.01	80.348	52.959	0.08437	26.527	0
"2014-07-22	04:00:00"	6.3914	162.31	78.605	57.542	0.07059	26.521	0
"2014-07-22	05:00:00"	4.7007	160.95	76.899	65.336	0.08098	26.542	0
"2014-07-22	06:00:00"	4.2837	133.2	75.803	70.854	0.07886	26.574	0
"2014-07-22	07:00:00"	4.3086	3.771	74.897	73.846	0.17615	26.577	0
"2014-07-22	08:00:00"	3.9414	63.118	73.623	75.433	14.454	26.568	0
"2014-07-22	09:00:00"	5.8608	120.47	75.91	63.903	190.32	26.556	0
"2014-07-22	10:00:00"	11.879	151.88	80.042	62.535	469.21	26.571	0
"2014-07-22	11:00:00"	9.804	165.68	82.063	58.227	442.54	26.586	0
"2014-07-22	12:00:00"	7.0022	151.7	83.768	52.455	340	26.601	0
"2014-07-22	13:00:00"	8.0151	153.19	86.837	43.728	682.1	26.595	0
"2014-07-22	14:00:00"	8.5631	122.86	90.552	31.375	1071.1	26.58	0
"2014-07-22	15:00:00"	9.5312	105.63	92.44	26.643	1061.3	26.562	0
"2014-07-22	16:00:00"	9.2758	144.72	93.698	25.584	1034.2	26.55	0
"2014-07-22	17:00:00"	9.0515	106.36	93.856	23.734	469.52	26.542	0
"2014-07-22	18:00:00"	8.931	94.152	93.373	22.946	263.72	26.536	0
"2014-07-22	19:00:00"	9.7642	87.567	93.153	21.906	190.89	26.542	0
"2014-07-22	20:00:00"	10.282	101.69	91.491	25.179	120.31	26.539	0
"2014-07-22	21:00:00"	10.825	112.03	89.55	31.402	59.7	26.556	0
"2014-07-22	22:00:00"	6.0571	95.234	85.872	34.657	0.11129	26.589	0
"2014-07-22	23:00:00"	5.0524	83.714	81.629	39.198	0.06868	26.607	0
"2014-07-23	00:00:00"	5.4519	78.963	79.998	40.184	0.05766	26.609	0
"2014-07-23	01:00:00"	5.4836	62.561	77.784	46.403	0.05766	26.612	0
"2014-07-23	02:00:00"	5.153	89.68	76.093	51.203	0.07059	26.615	0
"2014-07-23	03:00:00"	5.4749	121.25	77.51	50.21	0.08098	26.615	0
"2014-07-23	04:00:00"	5.8011	119.77	77.826	51.619	0.07525	26.615	0
"2014-07-23	05:00:00"	3.8699	78.745	74.803	57.532	0.05342	26.615	0
"2014-07-23	06:00:00"	2.4911	54.943	70.889	67.3	0.0814	26.624	0
"2014-07-23	07:00:00"	2.7086	51.926	69.958	69.651	1.0472	26.627	0
"2014-07-23	08:00:00"	2.6216	61.769	70.009	70.712	55.546	26.645	0
"2014-07-23	09:00:00"	4.2986	89.127	75.066	61.845	219.24	26.663	0
"2014-07-23	10:00:00"	4.4478	145.95	80.214	50.683	439.25	26.674	0
"2014-07-23	11:00:00"	4.7566	177.12	82.684	44.306	662.67	26.672	0
"2014-07-23	12:00:00"	4.1837	106.71	85.665	37.123	823.63	26.66	0
"2014-07-23	13:00:00"	8.0126	91.133	88.654	29.371	969.37	26.651	0
"2014-07-23	14:00:00"	7.8554	84.678	90.562	25.434	1037.8	26.639	0
"2014-07-23	15:00:00"	8.5637	75.048	92.475	22.082	962.4	26.627	0
"2014-07-23	16:00:00"	8.5134	89.959	93.579	20.659	923.89	26.601	0
"2014-07-23	17:00:00"	9.5704	100.15	94.427	20.144	680.74	26.586	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-23	18:00:00"	9.525	94.726	94.529	20.414	584.18	26.565	0
"2014-07-23	19:00:00"	9.6685	94.494	94.279	21.523	448.02	26.55	0
"2014-07-23	20:00:00"	9.8947	96.34	93.385	21.952	213.34	26.547	0
"2014-07-23	21:00:00"	8.0946	87.722	90.698	24.587	49.427	26.562	0
"2014-07-23	22:00:00"	5.7471	89.71	86.371	28.593	0.15029	26.583	0
"2014-07-23	23:00:00"	5.3432	98.994	82.968	31.828	0.0725	26.601	0
"2014-07-24	01:00:00"	6.2494	98.548	81.362	35.516	0.08014	26.612	0
"2014-07-24	02:00:00"	4.9138	96.777	78.553	39.835	0.06614	26.604	0
"2014-07-24	03:00:00"	4.6802	94.454	77.614	42.672	0.10408	26.598	0
"2014-07-24	04:00:00"	2.1586	64.08	73.569	50.508	0.07313	26.592	0
"2014-07-24	05:00:00"	1.8231	61.247	72.276	53.899	0.08564	26.589	0
"2014-07-24	06:00:00"	2.8061	74.04	72.52	54.881	0.07462	26.598	0
"2014-07-24	07:00:00"	1.5099	8.2519	68.79	62.109	0.4513	26.598	0
"2014-07-24	08:00:00"	1.5019	37.214	69.792	62.471	47.221	26.598	0
"2014-07-24	09:00:00"	2.9869	114.91	75.515	56.482	216.07	26.609	0
"2014-07-24	10:00:00"	6.0497	173.64	80.234	49.593	436.91	26.609	0
"2014-07-24	11:00:00"	4.7417	175.92	83.064	43.195	650.71	26.609	0
"2014-07-24	12:00:00"	4.3204	166.86	86.347	35.381	832.99	26.601	0
"2014-07-24	13:00:00"	5.1126	135.07	88.848	29.417	960.92	26.583	0
"2014-07-24	14:00:00"	5.1909	103.38	91.72	24.526	1034.7	26.562	0
"2014-07-24	15:00:00"	6.1217	132.52	93.008	20.874	833.67	26.539	0
"2014-07-24	16:00:00"	6.9314	86.104	94.393	18.073	616.99	26.527	0
"2014-07-24	17:00:00"	7.526	115.02	95.531	16.872	818.28	26.512	0
"2014-07-24	18:00:00"	6.8686	102.43	94.946	17.281	535.39	26.497	0
"2014-07-24	19:00:00"	7.1016	107.92	95.402	16.853	465.84	26.483	0
"2014-07-24	20:00:00"	7.0855	90.907	94.5	16.758	221.54	26.48	0
"2014-07-24	21:00:00"	5.7017	98.035	91.825	20.199	47.939	26.483	0
"2014-07-24	22:00:00"	5.6992	108.04	88.366	24.013	0.27388	26.5	0
"2014-07-24	23:00:00"	9.7145	120.87	86.058	29.103	0.0672	26.518	0
"2014-07-25	00:00:00"	10.623	130.89	84.499	35.99	0.07462	26.53	0
"2014-07-25	01:00:00"	7.8933	136	82.025	41.96	0.06487	26.545	0
"2014-07-25	02:00:00"	8.1735	142.37	80.124	44.441	0.07716	26.545	0
"2014-07-25	03:00:00"	7.0557	143.1	78.513	47.57	0.06677	26.533	0
"2014-07-25	04:00:00"	6.9755	147.69	76.799	50.371	0.06677	26.524	0
"2014-07-25	05:00:00"	5.46	176.08	74.589	54.273	0.06402	26.518	0
"2014-07-25	06:00:00"	4.1184	178.25	73.26	57.543	0.0778	26.527	0
"2014-07-25	07:00:00"	3.9383	174.54	71.779	62.075	0.48374	26.53	0
"2014-07-25	08:00:00"	4.4211	180.54	71.805	63.86	54.933	26.542	0
"2014-07-25	09:00:00"	7.869	181.75	73.495	62.696	226.39	26.542	0
"2014-07-25	10:00:00"	9.0559	184.26	76.962	56.44	438.91	26.542	0
"2014-07-25	11:00:00"	7.6615	181.26	82.235	46.103	659.74	26.542	0
"2014-07-25	12:00:00"	8.2406	186.56	86.545	36.033	841.43	26.533	0
"2014-07-25	13:00:00"	7.1818	180.85	89.799	28.73	978.8	26.521	0
"2014-07-25	14:00:00"	6.489	151.11	91.512	24.359	1055.1	26.503	0
"2014-07-25	15:00:00"	5.1363	148.67	93.155	21.899	1049.8	26.485	0
"2014-07-25	16:00:00"	7.4403	176.69	94.249	19.573	988.72	26.468	0
"2014-07-25	17:00:00"	7.7603	162.46	95.266	16.896	864.83	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-25	18:00:00"	6.4449	175.32	95.585	15.656	692.06	26.435	0
"2014-07-25	19:00:00"	7.2178	156.24	95.419	14.902	481.45	26.426	0
"2014-07-25	20:00:00"	7.5329	162.77	94.568	15.208	256.45	26.423	0
"2014-07-25	21:00:00"	7.4546	150.72	92.224	18.448	61.355	26.432	0
"2014-07-25	22:00:00"	8.322	139.65	88.317	22.852	0.2584	26.45	0
"2014-07-25	23:00:00"	8.1716	141.57	85.11	23.923	0.05893	26.471	0
"2014-07-26	00:00:00"	8.4699	149.83	82.007	28.268	0.08055	26.48	0
"2014-07-26	01:00:00"	8.3866	155.57	80.032	34.752	0.0655	26.485	0
"2014-07-26	02:00:00"	9.5405	165.27	79.738	41.632	0.0744	26.48	0
"2014-07-26	03:00:00"	7.1234	175.49	76.881	47.774	0.07017	26.474	0
"2014-07-26	04:00:00"	7.6603	182.92	76.08	51.398	0.08649	26.477	0
"2014-07-26	05:00:00"	7.9834	184.1	75.92	54.848	0.0655	26.477	0
"2014-07-26	06:00:00"	6.7002	185.61	74.311	59.218	0.08776	26.48	0
"2014-07-26	07:00:00"	5.0132	183.23	72.61	62.989	0.39428	26.483	0
"2014-07-26	08:00:00"	4.4987	157.29	71.602	65.856	59.933	26.488	0
"2014-07-26	09:00:00"	8.8663	155.88	74.208	62.037	240.63	26.497	0
"2014-07-26	10:00:00"	8.4469	172.38	77.557	55.458	467.33	26.506	0
"2014-07-26	11:00:00"	6.7618	172	81.542	47.146	682.41	26.503	0
"2014-07-26	12:00:00"	5.9645	135.15	85.782	34.624	868.22	26.5	0
"2014-07-26	13:00:00"	5.0002	151.71	88.685	26.605	1001.2	26.488	0
"2014-07-26	14:00:00"	4.3042	131.62	91.01	23.689	1072	26.462	0
"2014-07-26	15:00:00"	7.82	161.23	93.728	20.861	1063.9	26.441	0
"2014-07-26	16:00:00"	9.7885	148.53	95.75	18.669	985.44	26.432	0
"2014-07-26	17:00:00"	9.676	151.42	96.505	16.341	866.28	26.418	0
"2014-07-26	18:00:00"	10.571	155.97	97	15.445	692.56	26.403	0
"2014-07-26	19:00:00"	9.3106	156.67	96.691	16.028	477.6	26.397	0
"2014-07-26	20:00:00"	9.7394	151.74	95.963	16.634	255.01	26.397	0
"2014-07-26	21:00:00"	9.397	143.75	93.402	19.656	61.555	26.415	0
"2014-07-26	22:00:00"	9.346	138.35	89.819	21.054	0.184	26.447	0
"2014-07-26	23:00:00"	9.7499	143.37	87.092	25.333	0.06593	26.468	0
"2014-07-27	00:00:00"	11.69	150.52	85.322	30.388	0.07356	26.477	0
"2014-07-27	01:00:00"	10.006	157.79	83.464	32.898	0.06974	26.488	0
"2014-07-27	02:00:00"	9.5362	156.88	81.767	34.43	0.08013	26.485	0
"2014-07-27	03:00:00"	6.7493	141.98	79.341	37.771	0.07716	26.485	0
"2014-07-27	04:00:00"	7.1048	136.44	77.756	40.729	0.06783	26.48	0
"2014-07-27	05:00:00"	6.8972	133.19	76.76	44.849	0.0797	26.48	0
"2014-07-27	06:00:00"	6.2367	120.99	75.4	48.192	0.06084	26.491	0
"2014-07-27	07:00:00"	6.5405	113.88	74.023	51.738	0.39025	26.5	0
"2014-07-27	08:00:00"	5.1779	90.786	71.983	55.884	52.27	26.524	0
"2014-07-27	09:00:00"	6.9134	123.7	75.316	53.629	224.84	26.545	0
"2014-07-27	10:00:00"	9.2267	143.12	79.008	49.886	446.06	26.556	0
"2014-07-27	11:00:00"	7.403	139.67	82.888	43.557	663.67	26.559	0
"2014-07-27	12:00:00"	8.5867	116.08	86.639	37.076	851.01	26.553	0
"2014-07-27	13:00:00"	10.138	101.35	90.233	28.806	981.17	26.545	0
"2014-07-27	14:00:00"	9.978	115.75	92.391	25.256	1045.8	26.533	0
"2014-07-27	15:00:00"	9.1969	114.38	93.558	23.274	1046.8	26.524	0
"2014-07-27	16:00:00"	9.5461	114.1	94.92	21.753	1003.1	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-27	17:00:00"	10.443	106.17	95.651	21.371	707.95	26.497	0
"2014-07-27	18:00:00"	10.83	100.54	95.932	20.396	569.66	26.488	0
"2014-07-27	19:00:00"	10.314	106.81	96.088	19.763	437.96	26.491	0
"2014-07-27	20:00:00"	10.32	110.08	95.402	21.024	281.37	26.494	0
"2014-07-27	21:00:00"	11.428	102.53	93.137	25.519	58.66	26.506	0
"2014-07-27	22:00:00"	9.2162	103.42	90.584	28.447	0.13524	26.527	0
"2014-07-27	23:00:00"	6.9003	103.05	88.646	30.841	0.06826	26.547	0
"2014-07-28	00:00:00"	7.1824	117.36	86.99	32.801	0.09603	26.55	0
"2014-07-28	01:00:00"	7.2703	129.39	85.56	34.912	0.07124	26.568	0
"2014-07-28	02:00:00"	7.0383	161.07	82.986	40.645	0.0549	26.583	0
"2014-07-28	03:00:00"	5.4171	139.93	81.684	42.662	0.06677	26.574	0
"2014-07-28	04:00:00"	4.8144	151.26	79.754	44.471	0.06762	26.568	0
"2014-07-28	05:00:00"	6.008	153.42	78.106	46.456	0.08479	26.58	0
"2014-07-28	06:00:00"	6.5443	152.73	76.842	48.521	0.06974	26.592	0
"2014-07-28	07:00:00"	4.0743	171.37	75.493	51.779	0.1204	26.618	0
"2014-07-28	08:00:00"	1.2297	165.41	74.467	54.486	40.838	26.642	0
"2014-07-28	09:00:00"	2.1959	173.04	78.276	48.758	215.41	26.666	0
"2014-07-28	10:00:00"	3.2566	318.09	80.641	45.013	399.63	26.674	0
"2014-07-28	11:00:00"	4.5721	36.369	83.06	40.704	555.37	26.677	0
"2014-07-28	12:00:00"	8.4115	33.599	84.822	38.222	804.64	26.674	0
"2014-07-28	13:00:00"	9.7437	46.617	86.178	37.127	974.79	26.672	0
"2014-07-28	14:00:00"	9.8556	62.573	87.887	32.982	995.46	26.654	0
"2014-07-28	15:00:00"	10.285	72.52	89.302	30.575	715.39	26.633	0
"2014-07-28	16:00:00"	10.875	74.293	89.464	31.026	487	26.612	0
"2014-07-28	17:00:00"	12.289	76.727	90.066	31.316	444.59	26.595	0
"2014-07-28	18:00:00"	10.169	84.817	89.963	32.232	459.82	26.577	0
"2014-07-28	19:00:00"	10.637	83.661	89.823	32.127	293.79	26.568	0
"2014-07-28	20:00:00"	9.991	90.494	88.939	33.716	192.94	26.565	0
"2014-07-28	21:00:00"	11.836	93.527	86.781	39.079	44.95	26.583	0
"2014-07-28	22:00:00"	11.55	92.445	83.505	45.47	0.09391	26.595	0
"2014-07-28	23:00:00"	9.172	89.122	81.638	48.348	0.07886	26.609	0
"2014-07-29	00:00:00"	10.461	95.11	79.968	51.859	0.07313	26.609	0
"2014-07-29	01:00:00"	12.509	103.56	79.158	54.864	0.08331	26.612	0
"2014-07-29	02:00:00"	10.317	101.7	77.699	57.23	0.05935	26.607	0
"2014-07-29	03:00:00"	11.564	108.83	76.685	58.802	0.07123	26.604	0
"2014-07-29	04:00:00"	10.708	111.63	75.613	61.479	0.07546	26.592	0
"2014-07-29	05:00:00"	9.52	111.24	74.414	64.755	0.07568	26.598	0
"2014-07-29	06:00:00"	7.375	109.06	73.254	67.384	0.08034	26.604	0
"2014-07-29	07:00:00"	5.4594	90.867	72.066	70.376	0.16365	26.612	0
"2014-07-29	08:00:00"	5.9198	68.047	71.42	72.05	38.838	26.624	0
"2014-07-29	09:00:00"	9.9177	53.749	71.607	67.782	172.24	26.633	0
"2014-07-29	10:00:00"	11.162	60.525	73.423	64.517	414.95	26.642	0
"2014-07-29	11:00:00"	10.898	69.223	76.412	56.658	700.67	26.639	0
"2014-07-29	12:00:00"	9.3056	83.798	79.477	49.763	873	26.636	0
"2014-07-29	13:00:00"	8.3034	72.266	81.855	45.065	686.54	26.627	0
"2014-07-29	14:00:00"	8.9136	50.422	82.248	44.648	544.1	26.609	0
"2014-07-29	15:00:00"	9.4964	43.97	83.991	41.638	835.93	26.586	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-29	16:00:00"	10.834	40.365	85.631	39.841	980.97	26.565	0
"2014-07-29	17:00:00"	10.471	47.77	86.428	38.954	907.04	26.53	0
"2014-07-29	18:00:00"	10.765	64.895	87.484	37.063	586.96	26.503	0
"2014-07-29	19:00:00"	10.944	46.748	88.256	36.383	444.34	26.503	0
"2014-07-29	20:00:00"	10.653	72.531	88.903	33.98	179.55	26.5	0
"2014-07-29	21:00:00"	10.263	70.491	87.44	35.667	8.1659	26.491	0
"2014-07-29	22:00:00"	13.026	84.797	84.994	39.84	0.07483	26.506	0
"2014-07-29	23:00:00"	13.698	93.787	80.85	48.858	0.06402	26.53	0
"2014-07-30	00:00:00"	13.158	97.264	77.006	58.894	0.0725	26.524	0
"2014-07-30	01:00:00"	9.6455	109.85	75.145	62.889	0.05538	26.515	0
"2014-07-30	02:00:00"	8.1723	115.36	74.386	64.71	0.07462	26.509	0
"2014-07-30	03:00:00"	5.7464	116.41	73.275	66.646	0.07843	26.5	0
"2014-07-30	04:00:00"	5.6296	152.14	73.147	61.078	0.07059	26.483	0
"2014-07-30	05:00:00"	5.4246	150.65	73.045	52.21	0.05639	26.474	0
"2014-07-30	06:00:00"	4.4614	143.15	72.934	46.689	0.06974	26.477	0
"2014-07-30	07:00:00"	5.6135	164.17	72.907	45.521	0.13567	26.48	0
"2014-07-30	08:00:00"	6.1429	182.36	73.32	44.21	48.87	26.48	0
"2014-07-30	09:00:00"	8.5202	189.16	75.26	41.817	178.47	26.48	0
"2014-07-30	10:00:00"	10.899	185.05	80.05	35.508	444.84	26.48	0
"2014-07-30	11:00:00"	9.3063	205.21	84.414	30.106	652.73	26.48	0
"2014-07-30	12:00:00"	7.5633	235.9	89.057	26.207	832.09	26.474	0
"2014-07-30	13:00:00"	6.7462	263.43	93.004	23.403	962.69	26.459	0
"2014-07-30	14:00:00"	5.2444	262.36	95.66	21.022	1031.5	26.438	0
"2014-07-30	15:00:00"	7.3316	317.71	96.973	19.862	1047.7	26.42	0
"2014-07-30	16:00:00"	9.7282	342.64	97.04	20.354	735.12	26.406	0
"2014-07-30	17:00:00"	9.8655	62.733	95.966	21.918	613.83	26.403	0
"2014-07-30	18:00:00"	11.415	21.72	96.542	23.431	563.87	26.391	0
"2014-07-30	19:00:00"	12.096	45.443	94.338	27.241	290.86	26.4	0
"2014-07-30	20:00:00"	12.096	40.152	90.868	31.734	62.658	26.438	0
"2014-07-30	21:00:00"	9.9674	206.39	80.74	48.771	8.861	26.485	0
"2014-07-30	22:00:00"	2.6719	310.63	78.5	50.374	0.09687	26.491	0
"2014-07-30	23:00:00"	8.1449	19.603	79.342	50.007	0.08416	26.515	0
"2014-07-31	00:00:00"	14.974	32.85	76.563	54.414	0.07271	26.547	0
"2014-07-31	01:00:00"	16.558	29.997	73.434	58.499	0.08013	26.562	0
"2014-07-31	02:00:00"	13.287	35.484	72.002	63.643	0.07631	26.556	0
"2014-07-31	03:00:00"	12.959	28.892	67.716	80.089	0.06741	26.536	0.01
"2014-07-31	04:00:00"	11.461	33.793	67.014	79.781	0.07758	26.553	0
"2014-07-31	05:00:00"	10.669	30.409	66.817	78.489	0.06338	26.577	0
"2014-07-31	06:00:00"	11.246	25.468	67.156	76.954	0.07377	26.58	0
"2014-07-31	07:00:00"	12.299	5.3173	66.659	74.373	0.2743	26.604	0
"2014-07-31	08:00:00"	11.63	27.714	64.547	79.01	11.052	26.598	0.14
"2014-07-31	09:00:00"	9.026	33.536	64.742	78.543	45.247	26.618	0.01
"2014-07-31	10:00:00"	8.9527	18.688	66.653	74.031	178.66	26.636	0
"2014-07-31	11:00:00"	8.2655	20.953	68.721	67.502	372.48	26.63	0
"2014-07-31	12:00:00"	7.9685	36.386	70.494	62.23	512.57	26.615	0
"2014-07-31	13:00:00"	7.7	46.522	72.297	58.02	574.39	26.604	0
"2014-07-31	14:00:00"	7.0513	45.397	74.59	51.818	687.14	26.601	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-07-31	15:00:00"	5.9235	62.769	75.448	49.061	680.28	26.592	0
"2014-07-31	16:00:00"	5.4177	64.517	77.337	45.082	622.52	26.571	0
"2014-07-31	17:00:00"	6.3529	55.315	79.486	42.593	577.75	26.553	0
"2014-07-31	18:00:00"	6.3504	53.09	80.79	40.125	406.68	26.536	0
"2014-07-31	19:00:00"	6.0938	78.547	82.247	36.883	478.56	26.521	0
"2014-07-31	20:00:00"	5.3469	77.996	82.365	36.712	207.65	26.527	0
"2014-07-31	21:00:00"	4.9461	101.61	80.701	39.863	21.923	26.53	0
"2014-07-31	22:00:00"	3.7183	131.25	77.912	46.028	0.07801	26.545	0
"2014-07-31	23:00:00"	2.2972	99.293	75.372	51.944	0.0496	26.562	0
"2014-08-01	00:00:00"	2.3438	44.53	72.107	58.863	0.09709	26.571	0
"2014-08-01	01:00:00"	2.104	56.597	69.971	63.083	0.09899	26.574	0
"2014-08-01	02:00:00"	6.0894	89.807	71.997	59.538	0.06169	26.565	0
"2014-08-01	03:00:00"	6.814	95.136	71.029	63.758	0.08416	26.568	0
"2014-08-01	04:00:00"	7.5372	86.571	69.627	64.689	0.085	26.565	0
"2014-08-01	05:00:00"	6.6499	84.058	67.871	68.568	0.07928	26.565	0
"2014-08-01	06:00:00"	7.2415	84.073	66.866	73.328	0.08394	26.574	0
"2014-08-01	07:00:00"	5.0909	75.672	66.164	75.633	0.09666	26.583	0
"2014-08-01	08:00:00"	4.5851	82.164	66.408	76.592	12.248	26.595	0
"2014-08-01	09:00:00"	3.8749	90.016	66.966	75.277	103.77	26.607	0
"2014-08-01	10:00:00"	5.5662	148.11	69.285	69.639	199.62	26.63	0
"2014-08-01	11:00:00"	9.8953	188.88	69.429	70.141	342.52	26.63	0
"2014-08-01	12:00:00"	7.2638	184.62	71.224	64.727	419.84	26.627	0
"2014-08-01	13:00:00"	4.4988	171.07	71.553	63.059	292	26.618	0
"2014-08-01	14:00:00"	3.0391	147.49	73.646	55.874	508.59	26.609	0
"2014-08-01	15:00:00"	4.5689	89.16	76.414	48.892	670.87	26.586	0
"2014-08-01	16:00:00"	6.7195	47.578	77.988	46.284	517.29	26.559	0
"2014-08-01	17:00:00"	6.2476	53.07	79.521	43.043	592.04	26.553	0
"2014-08-01	18:00:00"	5.6532	45.154	80.229	40.968	400.47	26.542	0
"2014-08-01	19:00:00"	5.2121	35.903	80.727	39.239	255.71	26.53	0
"2014-08-01	20:00:00"	4.3813	99.881	80.61	38.046	91.858	26.527	0
"2014-08-01	21:00:00"	4.8107	148.68	78.891	42.689	24.401	26.533	0
"2014-08-01	22:00:00"	3.5126	127.77	77.961	44.269	0.08649	26.556	0
"2014-08-01	23:00:00"	4.8374	52.333	75.734	46.689	0.0672	26.58	0
"2014-08-02	00:00:00"	7.1302	60.857	74.758	40.67	0.06826	26.586	0
"2014-08-02	01:00:00"	5.7775	55.978	73.761	40.749	0.08416	26.592	0
"2014-08-02	02:00:00"	5.2127	64.498	72.887	39.602	0.08903	26.58	0
"2014-08-02	03:00:00"	5.0971	62.888	71.638	43.636	0.07313	26.574	0
"2014-08-02	04:00:00"	6.1857	94.227	72.04	46.026	0.07377	26.568	0
"2014-08-02	05:00:00"	5.2201	102.61	71.831	47.33	0.06677	26.577	0
"2014-08-02	06:00:00"	4.0979	84.491	71.004	49.734	0.07907	26.589	0
"2014-08-02	07:00:00"	3.3865	61.941	70.141	50.923	0.08098	26.601	0
"2014-08-02	08:00:00"	3.7357	57.919	69.613	51.296	9.1933	26.609	0
"2014-08-02	09:00:00"	5.7682	79.623	70.67	48.794	65.053	26.627	0
"2014-08-02	10:00:00"	4.1545	90.358	71.495	48.254	125.57	26.633	0
"2014-08-02	11:00:00"	3.0112	128.07	72.264	49.072	171.12	26.645	0
"2014-08-02	12:00:00"	3.6238	137.53	73.118	50.564	259.07	26.651	0
"2014-08-02	13:00:00"	3.9525	105.07	72.372	55.411	212.14	26.648	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-02	14:00:00"	6.6897	130.8	73.23	49.11	271.58	26.636	0
"2014-08-02	15:00:00"	7.5074	79.828	76.012	41.009	479.2	26.615	0
"2014-08-02	16:00:00"	8.7961	83.931	78.049	31.471	335.3	26.601	0
"2014-08-02	17:00:00"	8.2767	93.683	79.325	29.943	408.73	26.586	0
"2014-08-02	18:00:00"	8.624	82.231	80.332	26.581	279.22	26.583	0
"2014-08-02	19:00:00"	8.212	89.46	80.01	28.495	140.57	26.574	0
"2014-08-02	20:00:00"	8.8477	108.99	79.543	31.286	87.18	26.577	0
"2014-08-02	21:00:00"	8.9359	105.15	78.286	33.964	29.711	26.577	0
"2014-08-02	22:00:00"	5.5377	83.773	76.414	35.6	0.07504	26.586	0
"2014-08-02	23:00:00"	4.6373	76.104	74.958	38.44	0.06614	26.598	0
"2014-08-03	00:00:00"	3.1814	51.939	72.428	43.885	0.08246	26.601	0
"2014-08-03	01:00:00"	4.587	61.714	72.055	44.151	0.09009	26.604	0
"2014-08-03	02:00:00"	5.0468	80.709	73.566	40.589	0.06889	26.604	0
"2014-08-03	03:00:00"	3.8519	68.66	72.277	43.278	0.09836	26.601	0
"2014-08-03	04:00:00"	5.2916	72.796	72.296	43.656	0.06889	26.601	0
"2014-08-03	05:00:00"	3.7003	66.099	69.546	49.788	0.0655	26.601	0
"2014-08-03	06:00:00"	2.5464	46.269	67.429	54.557	0.07737	26.609	0
"2014-08-03	07:00:00"	3.9066	45.947	68.094	54.076	0.10133	26.615	0
"2014-08-03	08:00:00"	3.7146	47.409	68.219	54.422	21.447	26.624	0
"2014-08-03	09:00:00"	5.5569	56.07	69.195	53.344	106.22	26.633	0
"2014-08-03	10:00:00"	5.8508	80.807	73.382	45.565	381.03	26.639	0
"2014-08-03	11:00:00"	3.7481	111.33	78.426	37.104	645.36	26.636	0
"2014-08-03	12:00:00"	5.1189	132.25	81.015	32.442	826.28	26.627	0
"2014-08-03	13:00:00"	6.6909	119.11	83.003	28.533	972.38	26.612	0
"2014-08-03	14:00:00"	7.5267	124.33	84.589	25.146	1030.8	26.601	0
"2014-08-03	15:00:00"	7.7149	133.28	85.481	23.614	899.48	26.586	0
"2014-08-03	16:00:00"	6.9003	108.85	86.355	22.823	895.83	26.568	0
"2014-08-03	17:00:00"	8.1797	98.587	87.198	22.419	612.39	26.556	0
"2014-08-03	18:00:00"	7.3757	94.359	87.51	22.132	637.73	26.539	0
"2014-08-03	19:00:00"	7.2377	71.345	87.223	22.295	445.05	26.533	0
"2014-08-03	20:00:00"	7.9411	93.756	86.718	22.663	228.17	26.533	0
"2014-08-03	21:00:00"	6.6002	91.756	84.518	25.067	39.386	26.542	0
"2014-08-03	22:00:00"	4.7106	93.578	79.82	29.369	0.07928	26.559	0
"2014-08-03	23:00:00"	4.5988	97.188	76.896	32.308	0.08331	26.58	0
"2014-08-04	00:00:00"	4.6056	96.65	74.664	35.235	0.08161	26.58	0
"2014-08-04	01:00:00"	5.6402	99.805	73.325	37.612	0.0655	26.58	0
"2014-08-04	02:00:00"	5.3618	98.705	71.492	40.707	0.0566	26.574	0
"2014-08-04	03:00:00"	6.0024	110.42	72.143	40.004	0.0566	26.574	0
"2014-08-04	04:00:00"	3.5716	88.796	68.741	44.946	0.06487	26.565	0
"2014-08-04	05:00:00"	4.0489	88.63	67.383	47.974	0.07631	26.568	0
"2014-08-04	06:00:00"	4.2154	100.2	67.227	49.664	0.08903	26.574	0
"2014-08-04	07:00:00"	5.8925	131.23	68.869	48.79	0.40425	26.583	0
"2014-08-04	08:00:00"	3.0391	98.872	67.409	51.676	55.229	26.589	0
"2014-08-04	09:00:00"	6.0553	122.29	71.082	47.786	185.65	26.607	0
"2014-08-04	10:00:00"	8.7532	149.73	74.893	44.669	403.09	26.612	0
"2014-08-04	11:00:00"	8.7564	168.64	78.68	39.32	660.61	26.615	0
"2014-08-04	12:00:00"	7.2421	174.71	81.815	32.935	836.09	26.612	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-04	13:00:00"	6.7251	157.54	84.101	28.529	976.03	26.592	0
"2014-08-04	14:00:00"	7.7796	137.32	85.729	24.383	1035.9	26.574	0
"2014-08-04	15:00:00"	6.3454	93.371	87.183	21.92	971.34	26.55	0
"2014-08-04	16:00:00"	6.2777	97.75	88.071	20.758	843.1	26.536	0
"2014-08-04	17:00:00"	7.7417	109.49	88.588	20.299	815.35	26.512	0
"2014-08-04	18:00:00"	7.9902	106.89	88.987	19.41	654.07	26.503	0
"2014-08-04	19:00:00"	7.4912	116.22	88.933	19.303	457.34	26.5	0
"2014-08-04	20:00:00"	7.7069	136.88	88.097	20.536	225.83	26.509	0
"2014-08-04	21:00:00"	8.1934	119.37	85.975	22.877	24.461	26.527	0
"2014-08-04	22:00:00"	5.7968	104.27	81.785	27.123	0.07101	26.539	0
"2014-08-04	23:00:00"	5.3028	100.33	78.28	31.431	0.05321	26.553	0
"2014-08-05	00:00:00"	5.5227	101.25	77.455	32.698	0.07101	26.559	0
"2014-08-05	01:00:00"	5.355	97.098	76.238	33.715	0.06891	26.556	0
"2014-08-05	02:00:00"	8.1803	110.49	75.301	35.995	0.06741	26.55	0
"2014-08-05	03:00:00"	7.0869	116.08	74.621	38.807	0.0744	26.545	0
"2014-08-05	04:00:00"	6.8519	124.61	73.321	39.839	0.06677	26.542	0
"2014-08-05	05:00:00"	6.3908	133.71	71.823	41.139	0.06699	26.536	0
"2014-08-05	06:00:00"	4.4583	132.48	70.85	43.465	0.06317	26.542	0
"2014-08-05	07:00:00"	5.0604	126.5	70.348	46.147	0.21134	26.55	0
"2014-08-05	08:00:00"	4.3807	131.27	69.819	49.23	45.393	26.565	0
"2014-08-05	09:00:00"	6.8543	157.44	72.22	48.472	231.58	26.583	0
"2014-08-05	10:00:00"	9.5281	183.13	76.313	43.271	398.87	26.592	0
"2014-08-05	11:00:00"	13.457	183.64	80.243	38.209	650.69	26.601	0
"2014-08-05	12:00:00"	11.63	186.57	82.282	35.373	649.58	26.598	0
"2014-08-05	13:00:00"	9.5188	178.34	84.178	31.119	624.95	26.589	0
"2014-08-05	14:00:00"	7.5981	156.51	86.734	26.136	1088.3	26.571	0
"2014-08-05	15:00:00"	7.8392	174.92	88.419	24.196	1079.4	26.556	0
"2014-08-05	16:00:00"	8.3003	150.62	89.437	21.933	901.44	26.536	0
"2014-08-05	17:00:00"	7.2887	137.04	90.355	20.879	685.19	26.521	0
"2014-08-05	18:00:00"	7.6404	153.36	90.809	20.123	634.6	26.509	0
"2014-08-05	19:00:00"	7.3956	185.1	91.127	18.628	425.23	26.5	0
"2014-08-05	20:00:00"	8.6936	168.71	89.846	20.428	204.88	26.5	0
"2014-08-05	21:00:00"	5.8626	168.87	87.536	22.065	39.847	26.503	0
"2014-08-05	22:00:00"	5.3127	161.54	83.3	24.338	0.08924	26.518	0
"2014-08-05	23:00:00"	5.926	155.35	80.817	26.931	0.06911	26.527	0
"2014-08-06	00:00:00"	6.5965	153.29	78.637	30.95	0.06359	26.53	0
"2014-08-06	01:00:00"	5.5383	164.23	77.298	34.145	0.07483	26.527	0
"2014-08-06	02:00:00"	3.8718	177.22	75.107	38.013	0.07059	26.518	0
"2014-08-06	03:00:00"	4.9598	182.41	74.11	39.878	0.06911	26.512	0
"2014-08-06	04:00:00"	5.2108	178.19	73.274	42.137	0.07886	26.5	0
"2014-08-06	05:00:00"	4.4093	182.15	71.885	45.186	0.06699	26.506	0
"2014-08-06	06:00:00"	4.0631	178.25	71.338	46.881	0.09645	26.506	0
"2014-08-06	07:00:00"	2.9882	173.37	69.833	51.138	0.08967	26.509	0
"2014-08-06	08:00:00"	4.2558	175.14	70.07	53.959	54.651	26.521	0
"2014-08-06	09:00:00"	8.8632	166.49	74.083	51.809	200.13	26.533	0
"2014-08-06	10:00:00"	13.415	174.11	78.874	44.897	421.97	26.533	0
"2014-08-06	11:00:00"	12.475	183.92	82.663	38.839	635.25	26.53	0

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"2014-08-06	12:00:00"	10.949	177.44	86.102	33.494	817.72	26.524	0
"2014-08-06	13:00:00"	9.3603	179.63	89.266	27.207	942.71	26.506	0
"2014-08-06	14:00:00"	6.5946	177.15	92.073	22.006	1026.3	26.494	0
"2014-08-06	15:00:00"	5.8533	136.36	93.387	20.631	1065.6	26.471	0
"2014-08-06	16:00:00"	7.4509	160.69	94.543	19.729	1008.8	26.453	0
"2014-08-06	17:00:00"	7.5826	180.51	94.922	19.578	680.7	26.429	0
"2014-08-06	18:00:00"	7.1861	190.07	95.806	18.584	667.46	26.42	0
"2014-08-06	19:00:00"	6.9376	198.28	95.787	18.442	444.85	26.406	0
"2014-08-06	20:00:00"	9.113	160.6	94.698	19.365	198.91	26.409	0
"2014-08-06	21:00:00"	7.8976	143.91	92.353	21.21	18.852	26.415	0
"2014-08-06	22:00:00"	8.6172	144.42	89.517	23.273	0.05257	26.432	0
"2014-08-06	23:00:00"	9.0807	149.36	87.827	24.871	0.0744	26.453	0
"2014-08-07	00:00:00"	7.1259	151.47	85.358	27.831	0.06847	26.465	0
"2014-08-07	01:00:00"	8.7396	172.56	83.573	30.3	0.0797	26.468	0
"2014-08-07	02:00:00"	6.507	176.6	80.918	33.743	0.07313	26.468	0
"2014-08-07	03:00:00"	6.4536	180.98	79.998	35.804	0.08352	26.459	0
"2014-08-07	04:00:00"	7.9654	189.59	79.94	36.567	0.07038	26.45	0
"2014-08-07	05:00:00"	6.5126	194.59	78.057	39.722	0.09454	26.453	0
"2014-08-07	06:00:00"	8.1176	190.11	77.04	43.433	0.06868	26.453	0
"2014-08-07	07:00:00"	4.8448	175.02	74.554	48.322	0.08437	26.447	0
"2014-08-07	08:00:00"	5.3053	168.19	74.631	50.244	35.378	26.453	0
"2014-08-07	09:00:00"	4.9722	192.37	75.856	50.09	184.14	26.456	0
"2014-08-07	10:00:00"	6.9544	194.72	80.557	42.931	416.94	26.465	0
"2014-08-07	11:00:00"	4.436	197.8	85.371	35.598	633.62	26.459	0
"2014-08-07	12:00:00"	3.2069	187.02	89.716	29.611	817	26.459	0
"2014-08-07	13:00:00"	4.8827	154.74	92.004	27.051	951.22	26.447	0
"2014-08-07	14:00:00"	6.0124	146.21	94.318	22.133	1041.1	26.426	0
"2014-08-07	15:00:00"	8.7912	167.58	96.579	19.392	1035.1	26.403	0
"2014-08-07	16:00:00"	10.366	147.19	96.625	19.237	709.67	26.382	0
"2014-08-07	17:00:00"	12.586	152.34	96.83	19.523	748.49	26.37	0
"2014-08-07	18:00:00"	11.859	154.86	96.663	18.734	511.4	26.358	0
"2014-08-07	19:00:00"	13.428	155.12	96.556	18.251	395.65	26.353	0
"2014-08-07	20:00:00"	11.989	155.91	94.407	19.253	48.989	26.361	0
"2014-08-07	21:00:00"	10.906	178.48	90.414	25.226	5.5119	26.394	0
"2014-08-07	22:00:00"	9.0385	351.86	82.51	39.898	0.08373	26.403	0
"2014-08-07	23:00:00"	4.5994	46.972	80.056	45.03	0.07568	26.426	0
"2014-08-08	00:00:00"	2.2295	339.96	79.05	46.376	0.06359	26.441	0
"2014-08-08	01:00:00"	1.5374	204.39	79.09	47.037	0.08752	26.444	0
"2014-08-08	02:00:00"	1.4776	153.85	79.26	44.288	0.08734	26.45	0
"2014-08-08	03:00:00"	1.6982	23.692	77.217	43.693	0.06211	26.453	0
"2014-08-08	04:00:00"	4.2614	16.835	72.178	56.152	0.10027	26.444	0
"2014-08-08	05:00:00"	4.0085	33.346	70.24	60.641	0.06762	26.447	0
"2014-08-08	06:00:00"	3.9327	47.071	69.096	62.468	0.06402	26.444	0
"2014-08-08	07:00:00"	4.5938	51.803	68.963	61.993	0.10111	26.453	0
"2014-08-08	08:00:00"	4.7752	53.508	68.445	62.797	38.919	26.465	0
"2014-08-08	09:00:00"	7.0109	86.259	74.204	51.701	212.01	26.477	0
"2014-08-08	10:00:00"	9.2957	131.12	80.619	39.481	438.68	26.488	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-08	11:00:00"	9.5896	146.45	83.106	35.975	554.36	26.488	0
"2014-08-08	12:00:00"	8.6793	152.55	86.847	31.619	801.59	26.488	0
"2014-08-08	13:00:00"	11.13	151.57	90.283	26.374	977.81	26.48	0
"2014-08-08	14:00:00"	11.746	157.1	92.25	23.424	1049.6	26.462	0
"2014-08-08	15:00:00"	12.694	156.71	93.338	19.581	1052.3	26.45	0
"2014-08-08	16:00:00"	12.253	164.25	94.079	18.143	991.66	26.432	0
"2014-08-08	17:00:00"	10.756	169.07	93.94	18.13	743.34	26.409	0
"2014-08-08	18:00:00"	9.5324	164.72	94.271	17.864	646.13	26.4	0
"2014-08-08	19:00:00"	7.6975	169.79	94.446	17.338	457.08	26.391	0
"2014-08-08	20:00:00"	10.6	145.76	93.116	20.971	221.21	26.391	0
"2014-08-08	21:00:00"	8.0505	140.55	90.863	23.178	22.9	26.409	0
"2014-08-08	22:00:00"	7.6379	135.39	87.926	26.061	0.07864	26.426	0
"2014-08-08	23:00:00"	7.8585	147.25	85.982	27.019	0.07568	26.447	0
"2014-08-09	00:00:00"	7.1594	150.45	84.594	27.814	0.05999	26.453	0
"2014-08-09	01:00:00"	8.9409	162.08	83.874	29.142	0.08204	26.456	0
"2014-08-09	02:00:00"	11.51	179.62	83.666	30.932	0.05935	26.453	0
"2014-08-09	03:00:00"	5.7123	179.36	82.002	33.264	0.06889	26.465	0
"2014-08-09	04:00:00"	5.3556	104.85	80.816	35.259	0.07165	26.468	0
"2014-08-09	05:00:00"	4.3564	62.202	77.614	44.206	0.08098	26.468	0
"2014-08-09	06:00:00"	4.3664	51.124	72.458	56.758	0.06741	26.48	0
"2014-08-09	07:00:00"	6.8612	80.482	70.615	58.755	0.08628	26.477	0
"2014-08-09	08:00:00"	7.1352	82.289	70.493	56.341	37.026	26.488	0
"2014-08-09	09:00:00"	6.5797	83.105	74.258	52.302	203.48	26.506	0
"2014-08-09	10:00:00"	8.9024	141.7	78.154	49.541	424.16	26.509	0
"2014-08-09	11:00:00"	11.205	153.75	81.814	44.719	644.05	26.512	0
"2014-08-09	12:00:00"	11.747	161.46	86.039	35.645	828.38	26.512	0
"2014-08-09	13:00:00"	11.197	165.55	88.479	30.535	965.01	26.506	0
"2014-08-09	14:00:00"	10.645	150.89	90.824	25.342	1051.6	26.485	0
"2014-08-09	15:00:00"	9.4013	158.82	92.628	21.368	1015.1	26.468	0
"2014-08-09	16:00:00"	10.866	149.89	93.635	18.802	927.05	26.456	0
"2014-08-09	17:00:00"	9.5418	154.54	94.257	17.219	862.55	26.432	0
"2014-08-09	18:00:00"	8.9384	161.7	93.842	17.01	438.55	26.429	0
"2014-08-09	19:00:00"	8.7887	161.62	93.747	16.986	376.54	26.423	0
"2014-08-09	20:00:00"	9.3864	154.53	92.726	17.904	148.06	26.429	0
"2014-08-09	21:00:00"	4.9424	256.88	88.384	25.943	13.401	26.453	0
"2014-08-09	22:00:00"	5.8732	311.64	84.516	33.108	0.06932	26.477	0
"2014-08-09	23:00:00"	2.9173	322.98	80.085	38.932	0.06911	26.491	0
"2014-08-10	00:00:00"	3.7276	288.01	79.562	42.412	0.05151	26.509	0
"2014-08-10	01:00:00"	2.8231	149.83	78.564	42.28	0.07526	26.512	0
"2014-08-10	02:00:00"	7.0103	162.46	77.903	44.16	0.07589	26.509	0
"2014-08-10	03:00:00"	5.3823	171.6	76.55	47.01	0.07228	26.506	0
"2014-08-10	04:00:00"	5.2705	170.82	75.218	50.082	0.06338	26.503	0
"2014-08-10	05:00:00"	5.0058	170.81	73.676	54.56	0.08182	26.503	0
"2014-08-10	06:00:00"	4.9716	159.35	73	57.984	0.08119	26.515	0
"2014-08-10	07:00:00"	3.9923	162.54	72.361	60.332	0.0778	26.527	0
"2014-08-10	08:00:00"	3.6785	168.44	72.102	60.979	36.718	26.545	0
"2014-08-10	09:00:00"	6.438	158	75.024	56.179	201	26.559	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-10	10:00:00"	9.0124	178.48	78.101	50.863	422.71	26.571	0
"2014-08-10	11:00:00"	12.189	178.86	81.519	42.147	639.23	26.574	0
"2014-08-10	12:00:00"	10.087	170.47	84.092	36.054	824.4	26.58	0
"2014-08-10	13:00:00"	9.5213	159.24	85.926	31.475	956.35	26.58	0
"2014-08-10	14:00:00"	8.1238	152.91	88.086	27.575	1019.4	26.565	0
"2014-08-10	15:00:00"	7.7429	132.85	89.9	24.206	899.59	26.545	0
"2014-08-10	16:00:00"	7.8231	107.91	91.072	22.336	763	26.533	0
"2014-08-10	17:00:00"	9.3721	102.08	91.524	21.502	690.16	26.506	0
"2014-08-10	18:00:00"	10.225	96.801	92.188	20.325	539.87	26.485	0
"2014-08-10	19:00:00"	10.768	95.78	92.347	20.282	448.28	26.483	0
"2014-08-10	20:00:00"	10.826	99.119	91.228	21.123	149.54	26.491	0
"2014-08-10	21:00:00"	12.744	127.48	87.832	28.291	22.658	26.509	0
"2014-08-10	22:00:00"	9.7711	131.67	84.478	36.751	0.07059	26.539	0
"2014-08-10	23:00:00"	6.3249	76.176	82.442	38.643	0.07525	26.577	0
"2014-08-11	00:00:00"	7.5049	81.109	80.855	44.419	0.08055	26.598	0
"2014-08-11	01:00:00"	8.565	100.7	80.029	43.673	0.09475	26.604	0
"2014-08-11	02:00:00"	7.7839	96.788	78.21	48.566	0.07652	26.595	0
"2014-08-11	03:00:00"	4.7566	91.294	75.511	53.548	0.07589	26.589	0
"2014-08-11	04:00:00"	4.1874	80.885	73.388	56.535	0.07229	26.595	0
"2014-08-11	05:00:00"	9.0764	26.23	71.886	60.488	0.07716	26.615	0
"2014-08-11	06:00:00"	12.06	24.763	71.629	63.313	0.08288	26.618	0
"2014-08-11	07:00:00"	11.824	19.618	69.579	71.964	0.0496	26.63	0
"2014-08-11	08:00:00"	11.841	19.28	68.41	74.202	36.743	26.642	0
"2014-08-11	09:00:00"	12.394	28.002	69.819	68.024	127.72	26.651	0
"2014-08-11	10:00:00"	13.496	33.069	72.291	64.5	391.58	26.66	0
"2014-08-11	11:00:00"	12.281	50.182	75.913	57.673	631.78	26.663	0
"2014-08-11	12:00:00"	10.071	72.139	79.954	46.808	650.32	26.666	0
"2014-08-11	13:00:00"	8.9291	85.799	83.117	39.78	874.51	26.654	0
"2014-08-11	14:00:00"	6.1907	74.12	85.373	35.351	873.36	26.63	0
"2014-08-11	15:00:00"	8.9987	66.298	85.956	34.362	620.13	26.612	0
"2014-08-11	16:00:00"	9.6437	78.715	87.716	32.357	1033.1	26.598	0
"2014-08-11	17:00:00"	10.294	74.676	87.519	32.733	620.02	26.571	0
"2014-08-11	18:00:00"	12.218	107.83	86.812	33.485	255.24	26.592	0
"2014-08-11	19:00:00"	9.8096	256.35	72.921	69.848	12.63	26.598	0.18
"2014-08-11	20:00:00"	7.3191	309.29	70.76	78.563	25.704	26.589	0
"2014-08-11	21:00:00"	4.9188	20.925	72.206	76.858	5.1558	26.604	0
"2014-08-11	22:00:00"	4.7858	59.349	74.01	70.219	0.06338	26.618	0
"2014-08-11	23:00:00"	5.2941	78.428	74.939	64.758	0.06932	26.636	0
"2014-08-12	00:00:00"	5.2854	64.221	74.579	64.986	0.06232	26.636	0
"2014-08-12	01:00:00"	6.3889	74.701	74.22	63.852	0.08055	26.651	0
"2014-08-12	02:00:00"	3.3772	37.891	72.458	70.814	0.06529	26.639	0
"2014-08-12	03:00:00"	2.6943	50.164	70.578	75.61	0.06084	26.639	0
"2014-08-12	04:00:00"	2.3009	33.632	70.405	81.211	0.06741	26.633	0
"2014-08-12	05:00:00"	1.9946	331.69	70.634	80.26	0.06614	26.636	0
"2014-08-12	06:00:00"	2.8838	336.47	69.832	82.947	0.07631	26.636	0
"2014-08-12	07:00:00"	4.1104	32.537	69.122	79.377	0.08352	26.642	0
"2014-08-12	08:00:00"	3.796	43.834	67.93	81.687	31.62	26.657	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-12"	09:00:00"	6.6456	83.062	71.088	72.274	123.28	26.672	0
"2014-08-12"	10:00:00"	6.9065	118.51	74.227	62.984	421.91	26.672	0
"2014-08-12"	11:00:00"	4.6503	157.39	77.527	53.351	465.45	26.674	0
"2014-08-12"	12:00:00"	3.4722	286.05	81.301	45.616	916.45	26.663	0
"2014-08-12"	13:00:00"	4.5112	103.15	83.558	39.105	1126.2	26.645	0
"2014-08-12"	14:00:00"	4.8728	320.27	83.981	40.733	426.67	26.63	0.01
"2014-08-12"	15:00:00"	6.635	230.53	80.91	50.576	502.66	26.607	0
"2014-08-12"	16:00:00"	12.137	109	82.344	43.286	843.45	26.586	0
"2014-08-12"	17:00:00"	8.0592	123.08	85.825	35.88	759.56	26.565	0
"2014-08-12"	18:00:00"	7.531	112.44	86.172	35.841	404.5	26.547	0
"2014-08-12"	19:00:00"	10.95	124.31	85.328	38.6	363.87	26.547	0
"2014-08-12"	20:00:00"	7.5229	146.9	84.342	39.785	47.687	26.545	0
"2014-08-12"	21:00:00"	5.2413	151.62	83.461	42.264	6.059	26.556	0
"2014-08-12"	22:00:00"	5.1642	112.88	82.245	44.89	0.06381	26.583	0
"2014-08-12"	23:00:00"	9.0646	129.79	80.973	47.41	0.07695	26.607	0
"2014-08-13"	00:00:00"	12.698	176.91	76.069	61.148	0.07992	26.607	0
"2014-08-13"	01:00:00"	7.9299	189.39	74.12	65.525	0.08055	26.607	0
"2014-08-13"	02:00:00"	3.5275	158.2	72.034	70.634	0.06317	26.598	0
"2014-08-13"	03:00:00"	2.4035	152.62	71.029	73.124	0.08119	26.589	0
"2014-08-13"	04:00:00"	1.8088	55.897	69.261	75.954	0.06338	26.586	0
"2014-08-13"	05:00:00"	1.4211	14.074	66.849	81.21	0.07398	26.592	0
"2014-08-13"	06:00:00"	1.5715	349.99	65.877	83.338	0.06741	26.595	0
"2014-08-13"	07:00:00"	1.5367	32.291	65.28	85.716	0.085	26.601	0
"2014-08-13"	08:00:00"	2.0828	68.252	65.557	83.954	28.454	26.615	0
"2014-08-13"	09:00:00"	5.2388	86.842	70.11	73.327	170.92	26.627	0
"2014-08-13"	10:00:00"	10.03	136.62	75.525	58.361	412	26.624	0
"2014-08-13"	11:00:00"	11.644	159.8	78.195	52.207	629.9	26.627	0
"2014-08-13"	12:00:00"	9.5474	158.01	81.026	46.526	813.34	26.618	0
"2014-08-13"	13:00:00"	9.3939	159.82	83.766	40.129	949.47	26.607	0
"2014-08-13"	14:00:00"	9.6449	158.66	86.248	33.086	1006.7	26.589	0
"2014-08-13"	15:00:00"	10.267	147.41	88.558	26.524	989.59	26.568	0
"2014-08-13"	16:00:00"	11.441	142.85	89.956	22.633	929.01	26.545	0
"2014-08-13"	17:00:00"	10.812	143.56	90.695	21.22	823.45	26.53	0
"2014-08-13"	18:00:00"	10.87	152.23	91.139	20.648	642.03	26.524	0
"2014-08-13"	19:00:00"	10.651	150.14	90.922	20.639	433.32	26.518	0
"2014-08-13"	20:00:00"	9.937	159.35	89.805	22.035	191.64	26.518	0
"2014-08-13"	21:00:00"	8.496	152.41	87.938	24.879	19.415	26.527	0
"2014-08-13"	22:00:00"	8.5271	136.59	85.228	29.747	0.09412	26.545	0
"2014-08-13"	23:00:00"	8.0517	135.19	82.779	33.024	0.08204	26.55	0
"2014-08-14"	00:00:00"	7.3278	142.96	80.413	36.107	0.0778	26.559	0
"2014-08-14"	01:00:00"	8.0623	147.56	78.387	39.423	0.06084	26.556	0
"2014-08-14"	02:00:00"	5.6942	161.76	76.295	44.359	0.05829	26.547	0
"2014-08-14"	03:00:00"	3.3498	165.65	74.294	50.059	0.06762	26.542	0
"2014-08-14"	04:00:00"	3.9774	167.28	72.943	53.161	0.06783	26.542	0
"2014-08-14"	05:00:00"	4.8001	159.89	71.433	56.701	0.0725	26.547	0
"2014-08-14"	06:00:00"	3.5443	177.75	70.17	60.159	0.06571	26.547	0
"2014-08-14"	07:00:00"	1.3378	188.22	68.247	64.924	0.07377	26.562	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-14	08:00:00"	3.9289	174.07	68.843	64.687	32.814	26.568	0
"2014-08-14	09:00:00"	7.6143	171.44	72.554	59.328	197.16	26.58	0
"2014-08-14	10:00:00"	14.071	177.37	77.009	50.154	423.4	26.577	0
"2014-08-14	11:00:00"	15.78	176.31	80.555	43.342	628.49	26.574	0
"2014-08-14	12:00:00"	13.284	175.96	83.871	36.509	828.53	26.568	0
"2014-08-14	13:00:00"	13.541	169.14	86.527	27.532	962.38	26.55	0
"2014-08-14	14:00:00"	13.082	163.83	87.894	23.115	997.22	26.536	0
"2014-08-14	15:00:00"	9.8705	169.53	89.282	21.404	1051.4	26.518	0
"2014-08-14	16:00:00"	9.2752	146.5	90.469	19.554	1000.1	26.494	0
"2014-08-14	17:00:00"	10.875	159.41	91.348	19.235	809.56	26.471	0
"2014-08-14	18:00:00"	10.604	157.28	91.885	19.623	634.07	26.468	0
"2014-08-14	19:00:00"	10.156	162.82	91.041	20.855	253.21	26.465	0
"2014-08-14	20:00:00"	8.3506	170.6	89.995	22.018	113.64	26.459	0
"2014-08-14	21:00:00"	6.9712	160.18	87.664	24.664	14.477	26.462	0
"2014-08-14	22:00:00"	7.4912	140.56	84.816	25.438	0.08394	26.474	0
"2014-08-14	23:00:00"	7.6528	147.89	83	25.709	0.07123	26.485	0
"2014-08-15	00:00:00"	4.1725	206.12	80.65	28.562	0.08013	26.494	0
"2014-08-15	01:00:00"	4.1793	197.83	79.841	29.892	0.06889	26.497	0
"2014-08-15	02:00:00"	4.2763	179.84	78.143	31.714	0.04791	26.48	0
"2014-08-15	03:00:00"	3.5163	181.1	76.01	34.853	0.06593	26.471	0
"2014-08-15	04:00:00"	1.9387	178.47	73.678	38.211	0.08797	26.474	0
"2014-08-15	05:00:00"	2.1928	161.25	72.263	40.538	0.07589	26.471	0
"2014-08-15	06:00:00"	5.4326	155.39	72.09	42.357	0.0831	26.474	0
"2014-08-15	07:00:00"	7.0389	151.62	72.338	44.857	0.06932	26.485	0
"2014-08-15	08:00:00"	4.9287	154	71.69	47.603	12.24	26.5	0
"2014-08-15	09:00:00"	3.2286	163.39	72.479	47.502	69.224	26.503	0
"2014-08-15	10:00:00"	7.2483	173.44	75.468	44.335	197.68	26.5	0
"2014-08-15	11:00:00"	9.8363	181.01	80.218	37.844	510.21	26.503	0
"2014-08-15	12:00:00"	9.195	181.81	85.884	30.79	795.77	26.497	0
"2014-08-15	13:00:00"	8.6607	204.23	88.84	28.253	735.25	26.485	0
"2014-08-15	14:00:00"	8.2972	209.03	91.919	25.757	1016.3	26.465	0
"2014-08-15	15:00:00"	7.5882	236.71	93.949	23.674	938.54	26.438	0
"2014-08-15	16:00:00"	7.2452	185.95	93.668	24.127	557.75	26.415	0
"2014-08-15	17:00:00"	10.652	198.25	88.032	34.341	284.55	26.409	0.16
"2014-08-15	18:00:00"	8.9291	184.93	85.777	42.221	358.49	26.409	0
"2014-08-15	19:00:00"	5.5656	248.72	84.872	42.507	120.74	26.403	0
"2014-08-15	20:00:00"	4.6068	325.54	83.537	46.552	78.835	26.394	0
"2014-08-15	21:00:00"	2.3786	353.66	81.21	52.716	38.483	26.406	0
"2014-08-15	22:00:00"	1.4693	312.11	78.433	60.009	0.07631	26.426	0
"2014-08-15	23:00:00"	1.6404	267.14	78.143	60.692	0.07928	26.432	0
"2014-08-16	00:00:00"	3.2115	345.75	77.178	62.435	0.08543	26.435	0
"2014-08-16	01:00:00"	3.7562	15.371	78.709	58.75	0.07674	26.453	0
"2014-08-16	02:00:00"	4.1762	63.185	75.983	67.824	0.05978	26.456	0
"2014-08-16	03:00:00"	4.4757	79.361	75.441	67.081	0.06741	26.447	0
"2014-08-16	04:00:00"	3.0366	73.495	73.116	69.751	0.07504	26.441	0
"2014-08-16	05:00:00"	1.6137	158.55	71.348	72.48	0.06656	26.426	0
"2014-08-16	06:00:00"	1.984	267	69.788	77.162	0.08119	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-16	07:00:00"	1.7361	328.44	68.982	79.676	0.07864	26.444	0
"2014-08-16	08:00:00"	3.5008	324.6	71.126	75.566	4.5747	26.488	0.01
"2014-08-16	09:00:00"	6.4809	20.794	71.032	73.356	27.682	26.512	0.12
"2014-08-16	10:00:00"	4.1775	38.681	71.335	80.584	121.08	26.503	0
"2014-08-16	11:00:00"	4.2862	64.168	74.3	73.387	232.12	26.506	0
"2014-08-16	12:00:00"	4.8945	67.626	79.757	56.586	821	26.509	0
"2014-08-16	13:00:00"	2.7788	158.71	84.212	44.815	965.61	26.5	0
"2014-08-16	14:00:00"	3.4741	188.86	87.194	38.003	934.1	26.483	0
"2014-08-16	15:00:00"	3.9016	143.08	88.987	35.022	1027.7	26.462	0
"2014-08-16	16:00:00"	3.6829	168.7	91.259	29.111	711.29	26.444	0
"2014-08-16	17:00:00"	9.9792	117.03	88.914	33.222	362.65	26.444	0
"2014-08-16	18:00:00"	8.3692	153.77	87.463	35.993	497.53	26.426	0
"2014-08-16	19:00:00"	5.1934	155.88	88.921	32.696	296.51	26.418	0
"2014-08-16	20:00:00"	4.0526	177.2	87.483	37.78	76.561	26.426	0
"2014-08-16	21:00:00"	1.2384	4.3514	84.953	49.094	9.152	26.447	0
"2014-08-16	22:00:00"	5.8763	106.49	82.037	53.429	0.0725	26.474	0
"2014-08-16	23:00:00"	5.3817	208.15	78.759	53.939	0.06275	26.494	0
"2014-08-17	00:00:00"	2.4768	222.98	76.092	60.052	0.08246	26.494	0
"2014-08-17	01:00:00"	2.8788	260.17	73.425	67.553	0.07716	26.483	0
"2014-08-17	02:00:00"	5.0909	340.29	72.067	70.265	0.08988	26.474	0
"2014-08-17	03:00:00"	7.17	325.08	74.108	61.367	0.06889	26.468	0
"2014-08-17	04:00:00"	8.7421	337.17	73.136	59.014	0.07186	26.456	0
"2014-08-17	05:00:00"	5.9397	4.2651	70.641	61.895	0.07017	26.468	0
"2014-08-17	06:00:00"	6.9718	22.408	69.531	65.373	0.07462	26.474	0
"2014-08-17	07:00:00"	5.9757	57.605	69.118	67.062	0.07992	26.497	0
"2014-08-17	08:00:00"	4.3875	87.455	68.306	70.459	35.938	26.506	0
"2014-08-17	09:00:00"	2.4911	94.74	72.011	64.458	195.38	26.518	0
"2014-08-17	10:00:00"	3.2224	131.11	76.222	56.446	399.86	26.527	0
"2014-08-17	11:00:00"	6.2926	173.89	78.496	52.309	559.91	26.533	0
"2014-08-17	12:00:00"	4.3602	182.81	81.289	45.469	822.24	26.53	0
"2014-08-17	13:00:00"	4.0395	167.62	83.766	40.485	924.36	26.515	0
"2014-08-17	14:00:00"	3.6829	121.04	86.841	35.919	1001.4	26.497	0
"2014-08-17	15:00:00"	4.285	71.509	89.303	31.23	743.28	26.474	0
"2014-08-17	16:00:00"	5.8744	37.85	90.188	28.255	542.99	26.447	0
"2014-08-17	17:00:00"	6.9562	53.296	91.658	24.261	704.34	26.42	0
"2014-08-17	18:00:00"	9.1018	60.252	92.9	21.644	502.84	26.412	0
"2014-08-17	19:00:00"	14.904	149.63	83.533	40.353	184.38	26.432	0
"2014-08-17	20:00:00"	10.101	151.63	79.868	47.762	124.16	26.45	0
"2014-08-17	21:00:00"	8.9974	151.95	77.721	52.411	33.009	26.459	0
"2014-08-17	22:00:00"	6.7748	167.91	74.855	59.248	0.07377	26.48	0
"2014-08-17	23:00:00"	4.5926	193.96	73.58	62.046	0.07165	26.494	0
"2014-08-18	00:00:00"	3.1441	195.84	72.869	64.857	0.06741	26.488	0
"2014-08-18	01:00:00"	2.9285	232.53	71.563	69.138	0.08456	26.491	0
"2014-08-18	02:00:00"	1.5329	283.48	69.229	76.039	0.05681	26.48	0
"2014-08-18	03:00:00"	1.0532	60.875	67.204	80.386	0.07886	26.468	0
"2014-08-18	04:00:00"	2.4171	12.084	64.95	84.86	0.09836	26.45	0
"2014-08-18	05:00:00"	1.9704	50.696	64.685	84.563	0.09242	26.45	0

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"2014-08-18	06:00:00"	2.0375	47.613	63.788	84.398	0.09158	26.45	0
"2014-08-18	07:00:00"	3.4859	76.584	64.514	83.338	0.07928	26.459	0
"2014-08-18	08:00:00"	2.4724	73.509	64.312	82.169	30.076	26.471	0
"2014-08-18	09:00:00"	3.4592	96.397	69.412	73.13	184.48	26.48	0
"2014-08-18	10:00:00"	5.1996	105.39	74.797	60.157	421.85	26.485	0
"2014-08-18	11:00:00"	5.1791	116.16	77.808	53.376	568.53	26.488	0
"2014-08-18	12:00:00"	3.7779	137.58	79.93	49.347	806.33	26.488	0
"2014-08-18	13:00:00"	4.2502	173.43	82.444	43.653	966.17	26.474	0
"2014-08-18	14:00:00"	5.0151	73.156	84.84	38.903	1036.8	26.45	0
"2014-08-18	15:00:00"	4.5665	127.87	87.296	33.25	1098.1	26.423	0
"2014-08-18	16:00:00"	5.0132	40.306	88.455	30.058	782.28	26.4	0
"2014-08-18	17:00:00"	6.635	66.402	89.813	27.86	844.95	26.379	0
"2014-08-18	18:00:00"	4.4993	43.34	90.954	25.063	639.95	26.367	0
"2014-08-18	19:00:00"	3.7052	90.532	90.583	24.676	279.99	26.361	0
"2014-08-18	20:00:00"	3.151	109.06	89.106	28.275	113.01	26.356	0
"2014-08-18	21:00:00"	13.556	106.24	83.652	46.883	22.583	26.379	0
"2014-08-18	22:00:00"	11.18	120.66	81.041	51.647	0.0725	26.406	0
"2014-08-18	23:00:00"	9.7791	121.18	78.775	56.236	0.06847	26.42	0
"2014-08-19	00:00:00"	9.4169	127.8	76.437	60.179	0.06593	26.418	0
"2014-08-19	01:00:00"	6.5163	133.8	73.777	63.517	0.06317	26.415	0
"2014-08-19	02:00:00"	3.8426	112.93	72.053	67.629	0.07356	26.4	0
"2014-08-19	03:00:00"	4.0103	101.35	69.615	74.448	0.05511	26.394	0
"2014-08-19	04:00:00"	3.0354	109.38	68.737	77.41	0.09369	26.382	0
"2014-08-19	05:00:00"	1.8952	81.687	67.812	79.834	0.08267	26.391	0
"2014-08-19	06:00:00"	2.8359	113.18	67.001	81.888	0.0867	26.388	0
"2014-08-19	07:00:00"	2.0878	64.062	65.538	83.893	0.08458	26.397	0
"2014-08-19	08:00:00"	5.6427	73.056	64.661	85.314	25.633	26.4	0
"2014-08-19	09:00:00"	6.7152	113.15	68.008	79.203	180.01	26.397	0
"2014-08-19	10:00:00"	8.5438	145.93	72.03	70.041	399.65	26.403	0
"2014-08-19	11:00:00"	7.623	154.89	75.746	61.996	616.14	26.4	0
"2014-08-19	12:00:00"	6.4865	157.7	80.321	52.504	798.34	26.4	0
"2014-08-19	13:00:00"	8.4103	147.64	84.588	43.827	926.67	26.388	0
"2014-08-19	14:00:00"	7.4894	171.25	87.892	35.584	923.23	26.37	0
"2014-08-19	15:00:00"	6.5598	191.4	88.734	30.772	438.91	26.347	0
"2014-08-19	16:00:00"	8.2518	193.1	91.358	26.311	959.83	26.326	0
"2014-08-19	17:00:00"	8.6489	176.76	91.931	25.803	798.4	26.299	0
"2014-08-19	18:00:00"	6.914	166.82	92.426	23.99	511.1	26.291	0
"2014-08-19	19:00:00"	9.4262	170.35	92.336	23.423	433.14	26.276	0
"2014-08-19	20:00:00"	11.233	175.78	90.762	26.508	170.28	26.288	0
"2014-08-19	21:00:00"	13.704	153.92	87.388	32.533	19.034	26.314	0
"2014-08-19	22:00:00"	14.1	162.69	84.244	38.987	0.08734	26.344	0
"2014-08-19	23:00:00"	13.177	165.37	81.519	46.393	0.07017	26.361	0
"2014-08-20	00:00:00"	12.49	162.96	79.942	50.476	0.09285	26.364	0
"2014-08-20	01:00:00"	13.178	162.22	78.693	53.375	0.08013	26.358	0
"2014-08-20	02:00:00"	13.279	166.91	77.084	57.313	0.07207	26.364	0
"2014-08-20	03:00:00"	10.489	173.42	75.545	61.512	0.07271	26.358	0
"2014-08-20	04:00:00"	7.6683	173.7	74.028	65.007	0.06423	26.35	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-20	05:00:00"	7.9355	164.64	73.25	66.984	0.07716	26.353	0
"2014-08-20	06:00:00"	7.833	154.45	72.202	69.826	0.07483	26.358	0
"2014-08-20	07:00:00"	7.1632	169.63	71.469	71.961	0.05723	26.373	0
"2014-08-20	08:00:00"	6.3175	177.69	70.647	74.481	28.354	26.379	0
"2014-08-20	09:00:00"	7.3906	191.16	74.284	66.14	181.72	26.397	0
"2014-08-20	10:00:00"	11.086	193.28	78.831	53.166	400.07	26.397	0
"2014-08-20	11:00:00"	12.029	195.9	82.44	43.697	611.88	26.409	0
"2014-08-20	12:00:00"	14.886	188.05	84.355	40.409	791.36	26.406	0
"2014-08-20	13:00:00"	14.722	181.18	86.164	38.526	921.62	26.4	0
"2014-08-20	14:00:00"	14.662	189.92	88.174	34.309	991.56	26.394	0
"2014-08-20	15:00:00"	14.291	188.86	89.866	29.454	988.36	26.376	0
"2014-08-20	16:00:00"	13.983	193.19	91.845	25.783	927.74	26.353	0
"2014-08-20	17:00:00"	12.813	190.2	92.513	24.015	796.49	26.341	0
"2014-08-20	18:00:00"	10.158	203.64	93.322	23.462	603.19	26.326	0
"2014-08-20	19:00:00"	10.706	190.79	92.861	24.137	326.04	26.341	0
"2014-08-20	20:00:00"	18.594	166.45	88.238	36.798	110.15	26.347	0
"2014-08-20	21:00:00"	19.321	173.22	83.071	46.359	29.05	26.37	0
"2014-08-20	22:00:00"	12.855	170.38	80.37	48.989	0.08776	26.406	0
"2014-08-20	23:00:00"	12.392	167.88	78.89	50.469	0.07716	26.423	0
"2014-08-21	00:00:00"	11.055	179.7	77.288	54.163	0.08585	26.432	0
"2014-08-21	01:00:00"	13.578	167.59	77.012	56.664	0.08098	26.42	0
"2014-08-21	02:00:00"	12.131	173.35	76.307	57.878	0.07801	26.412	0
"2014-08-21	03:00:00"	12.194	175.44	76.937	56.52	0.06974	26.409	0
"2014-08-21	04:00:00"	9.4069	166.64	75.967	58.121	0.06889	26.406	0
"2014-08-21	05:00:00"	9.0211	155.65	74.772	61.289	0.06275	26.412	0
"2014-08-21	06:00:00"	8.9229	160.59	74.101	62.764	0.07144	26.415	0
"2014-08-21	07:00:00"	6.3529	175.77	72.758	65.932	0.07398	26.429	0
"2014-08-21	08:00:00"	8.8576	174.88	72.209	67.148	21.899	26.447	0
"2014-08-21	09:00:00"	12.413	180.12	74.315	62.036	190.66	26.462	0
"2014-08-21	10:00:00"	15.388	184.2	77.838	54.731	452	26.474	0
"2014-08-21	11:00:00"	13.148	193.08	81.308	47.474	602.51	26.48	0
"2014-08-21	12:00:00"	10.267	207.54	85.601	36.673	787.54	26.48	0
"2014-08-21	13:00:00"	8.3581	208.35	88.981	29.274	928.75	26.468	0
"2014-08-21	14:00:00"	7.792	193.85	91.26	25.024	907.42	26.447	0
"2014-08-21	15:00:00"	8.8806	193.8	93.046	24.124	995.96	26.441	0
"2014-08-21	16:00:00"	7.7112	219.1	94.444	23.044	923.73	26.429	0
"2014-08-21	17:00:00"	9.6723	184.33	94.775	22.21	679.19	26.409	0
"2014-08-21	18:00:00"	9.287	191.06	94.804	21.847	511.02	26.4	0
"2014-08-21	19:00:00"	9.4865	196.37	95.091	21.548	466.03	26.394	0
"2014-08-21	20:00:00"	15.162	168.38	92.819	26.851	255.98	26.4	0
"2014-08-21	21:00:00"	18.543	163.69	87.052	34.677	34.986	26.438	0
"2014-08-21	22:00:00"	17.902	176.9	81.597	43.496	0.04939	26.465	0
"2014-08-21	23:00:00"	17.196	176.55	80.452	47.098	0.0513	26.468	0
"2014-08-22	00:00:00"	13.955	178.57	79.459	51.082	0.09285	26.474	0
"2014-08-22	01:00:00"	16.176	186.32	79.202	52.522	0.07589	26.48	0
"2014-08-22	02:00:00"	12.489	182.01	78.267	54.589	0.06593	26.477	0
"2014-08-22	03:00:00"	9.0061	182.72	76.397	57.939	0.06995	26.468	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-22	04:00:00"	6.5002	180.01	74.468	61.928	0.0761	26.465	0
"2014-08-22	05:00:00"	6.4324	177.13	73.387	64.938	0.06126	26.477	0
"2014-08-22	06:00:00"	9.4703	172.09	73.796	65.245	0.08712	26.477	0
"2014-08-22	07:00:00"	8.8813	171.88	73.044	67.733	0.06805	26.497	0
"2014-08-22	08:00:00"	6.3951	179.5	71.952	70.302	23.663	26.509	0
"2014-08-22	09:00:00"	8.2139	180.39	73.39	67.913	169.86	26.518	0
"2014-08-22	10:00:00"	9.5057	187.55	77.629	54.681	384.56	26.521	0
"2014-08-22	11:00:00"	6.6077	196.07	81.445	44.777	600.36	26.521	0
"2014-08-22	12:00:00"	7.6379	191.82	83.803	39.754	781.23	26.518	0
"2014-08-22	13:00:00"	7.0563	187.67	85.882	37.277	914.37	26.506	0
"2014-08-22	14:00:00"	7.5956	188.63	87.348	35.305	984.91	26.485	0
"2014-08-22	15:00:00"	8.6402	173.04	89.13	32.889	971.92	26.468	0
"2014-08-22	16:00:00"	9.3591	175.62	90.816	30.226	819.39	26.45	0
"2014-08-22	17:00:00"	11.114	175.19	91.059	29.258	470.07	26.423	0
"2014-08-22	18:00:00"	11.543	159.65	91.489	28.201	460.42	26.412	0
"2014-08-22	19:00:00"	11.636	153.41	91.509	27.178	324.12	26.391	0
"2014-08-22	20:00:00"	13.275	179.87	86.394	34.914	23	26.441	0
"2014-08-22	21:00:00"	9.2789	260.04	75.298	56.27	0.62449	26.438	0.01
"2014-08-22	22:00:00"	3.3386	303.33	75.331	61.381	0.06571	26.456	0
"2014-08-22	23:00:00"	8.775	239.03	75.159	58.269	0.07631	26.485	0.03
"2014-08-23	00:00:00"	6.6381	212.75	72.309	67.251	0.07695	26.48	0.1
"2014-08-23	01:00:00"	3.3051	47.989	71.034	77.231	0.0778	26.474	0
"2014-08-23	02:00:00"	4.4844	87.887	71.877	77.819	0.08098	26.471	0
"2014-08-23	03:00:00"	6.2908	138.47	74.672	64.23	0.07674	26.477	0.01
"2014-08-23	04:00:00"	5.1468	190.45	71.808	74.724	0.06995	26.459	0
"2014-08-23	05:00:00"	4.9977	205.17	72.03	71.044	0.07313	26.471	0
"2014-08-23	06:00:00"	2.5824	266.03	70.478	74.824	0.08416	26.468	0
"2014-08-23	07:00:00"	2.5352	200.85	70.347	74.187	0.08416	26.468	0
"2014-08-23	08:00:00"	2.6657	172.57	70.657	74.729	9.8556	26.468	0
"2014-08-23	09:00:00"	3.4579	167.34	71.571	73.437	65.218	26.485	0
"2014-08-23	10:00:00"	5.7042	157.85	72.259	74.406	168.74	26.485	0
"2014-08-23	11:00:00"	8.6576	176.84	74.654	56.088	503.15	26.491	0
"2014-08-23	12:00:00"	8.7675	183.02	78.117	47.996	686.41	26.483	0
"2014-08-23	13:00:00"	8.2934	189.73	81.476	44.907	860.55	26.471	0
"2014-08-23	14:00:00"	10.02	195.58	84.576	38.455	929.17	26.456	0
"2014-08-23	15:00:00"	9.1323	209.41	87.111	34.059	1002.2	26.441	0
"2014-08-23	16:00:00"	9.3815	199.84	88.876	29.763	936.78	26.418	0
"2014-08-23	17:00:00"	10.369	206.17	90.264	27.23	802.26	26.4	0
"2014-08-23	18:00:00"	10.657	196.48	90.766	27.671	644.3	26.382	0
"2014-08-23	19:00:00"	11.137	195.52	90.412	25.574	407.56	26.385	0
"2014-08-23	20:00:00"	9.781	199.17	88.74	28.929	143.59	26.379	0
"2014-08-23	21:00:00"	8.8284	189.71	86.891	32.256	14.542	26.394	0
"2014-08-23	22:00:00"	7.2968	191.4	85.36	33.286	0.06932	26.406	0
"2014-08-23	23:00:00"	4.1986	176.6	81.382	39.859	0.07695	26.409	0
"2014-08-24	00:00:00"	6.5816	154.95	80.109	39.727	0.07229	26.418	0
"2014-08-24	01:00:00"	7.0718	170.89	78.886	41.299	0.0725	26.423	0
"2014-08-24	02:00:00"	6.5567	177.22	77.685	43.397	0.0513	26.42	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-24"	03:00:00"	4.7926	176.19	75.151	48.332	0.08352	26.409	0
"2014-08-24"	04:00:00"	6.1671	161.1	75.396	47.954	0.06699	26.403	0
"2014-08-24"	05:00:00"	5.1611	173.37	74.621	49.057	0.08161	26.403	0
"2014-08-24"	06:00:00"	2.6017	172.26	72.671	53.151	0.06826	26.406	0
"2014-08-24"	07:00:00"	4.1849	186.66	72.27	52.58	0.05003	26.423	0
"2014-08-24"	08:00:00"	5.5333	193.54	72.464	51.117	12.677	26.438	0
"2014-08-24"	09:00:00"	7.9927	189.05	73.84	50.964	164.04	26.45	0
"2014-08-24"	10:00:00"	10.108	185.14	78.422	45.261	389.61	26.45	0
"2014-08-24"	11:00:00"	9.6928	184.4	82.267	40.21	603.57	26.456	0
"2014-08-24"	12:00:00"	7.083	190.25	86.124	34.81	783.47	26.453	0
"2014-08-24"	13:00:00"	6.983	210.43	89.643	29.625	917.16	26.444	0
"2014-08-24"	14:00:00"	9.3473	220.38	91.827	26.134	988.16	26.435	0
"2014-08-24"	15:00:00"	10.304	215.47	93.388	23.449	991.12	26.415	0
"2014-08-24"	16:00:00"	9.8164	219.83	94.142	22.222	888.37	26.385	0
"2014-08-24"	17:00:00"	10.038	212.22	94.705	21.698	654.32	26.373	0
"2014-08-24"	18:00:00"	8.7383	227.29	93.815	21.742	363.44	26.376	0
"2014-08-24"	19:00:00"	9.2485	230.99	93.698	21.629	381.44	26.379	0
"2014-08-24"	20:00:00"	11.978	164.84	88.271	31.028	127.45	26.391	0
"2014-08-24"	21:00:00"	10.536	144.42	81.646	42.765	9.1688	26.403	0
"2014-08-24"	22:00:00"	10.829	138.73	80.654	43.343	0.07737	26.42	0
"2014-08-24"	23:00:00"	7.8976	135.79	79.049	45.614	0.06529	26.435	0
"2014-08-25"	00:00:00"	7.8765	134.04	78.064	46.736	0.06232	26.441	0
"2014-08-25"	01:00:00"	7.6795	139.98	77.632	47.129	0.08288	26.447	0
"2014-08-25"	02:00:00"	6.6313	152.23	76.277	50.032	0.09369	26.444	0
"2014-08-25"	03:00:00"	6.694	171.32	75.334	51.7	0.07674	26.441	0
"2014-08-25"	04:00:00"	5.9714	173.71	75.038	51.495	0.06465	26.45	0
"2014-08-25"	05:00:00"	5.7526	175.98	74.982	52.425	0.06487	26.441	0
"2014-08-25"	06:00:00"	5.6253	154.52	74.627	52.637	0.08373	26.444	0
"2014-08-25"	07:00:00"	6.3858	155.89	73.803	53.351	0.07271	26.447	0
"2014-08-25"	08:00:00"	6.1752	161.94	73.401	53.547	19.317	26.459	0
"2014-08-25"	09:00:00"	7.6982	182.42	74.326	53.682	158.26	26.471	0
"2014-08-25"	10:00:00"	11.701	181.04	78.106	47.418	386.7	26.485	0
"2014-08-25"	11:00:00"	11.835	181.31	80.924	44.184	584.46	26.491	0
"2014-08-25"	12:00:00"	10.627	177.17	83.904	40.556	766.28	26.497	0
"2014-08-25"	13:00:00"	7.1998	172.93	87.552	33.487	865.14	26.483	0
"2014-08-25"	14:00:00"	6.9898	175.47	91.082	26.473	981.9	26.459	0
"2014-08-25"	15:00:00"	10.299	157.44	92.788	23.552	964.83	26.441	0
"2014-08-25"	16:00:00"	10.701	152.12	93.112	23.147	674.73	26.42	0
"2014-08-25"	17:00:00"	10.314	147.24	92.276	23.318	209.19	26.415	0
"2014-08-25"	18:00:00"	10.601	84.403	87.375	31.426	95.677	26.426	0
"2014-08-25"	19:00:00"	13.715	359.68	74.189	63.458	21.727	26.465	0.25
"2014-08-25"	20:00:00"	11.895	345.51	69.747	74.835	3.2605	26.45	1.02
"2014-08-25"	21:00:00"	12.446	309.91	69.423	72.388	0.10641	26.48	0.21
"2014-08-25"	22:00:00"	6.9979	300.58	69.883	73.527	0.06253	26.506	0
"2014-08-25"	23:00:00"	7.6112	294.8	71.187	72.089	0.05787	26.518	0
"2014-08-26"	00:00:00"	3.315	319.07	72.605	67.545	0.07589	26.512	0
"2014-08-26"	01:00:00"	4.1464	262.32	73.605	67.567	0.0761	26.53	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-26	02:00:00"	6.9438	123.31	73.269	66.532	0.05957	26.497	0.03
"2014-08-26	03:00:00"	8.0008	102.66	74.634	62.473	0.06889	26.488	0
"2014-08-26	04:00:00"	6.8413	103.52	74.645	62.366	0.10429	26.488	0
"2014-08-26	05:00:00"	7.1427	123.08	74.943	60.549	0.07398	26.5	0
"2014-08-26	06:00:00"	2.5451	226.48	72.809	68.685	0.07101	26.515	0
"2014-08-26	07:00:00"	1.743	329.74	71.483	75.021	0.07864	26.53	0
"2014-08-26	08:00:00"	2.145	10.6	69.887	81.722	17.975	26.55	0
"2014-08-26	09:00:00"	3.7916	27.711	72.996	72.158	143.13	26.568	0
"2014-08-26	10:00:00"	4.6342	60.288	75.351	67.08	223.18	26.568	0
"2014-08-26	11:00:00"	4.3533	76.583	77.087	59.839	404.14	26.586	0
"2014-08-26	12:00:00"	5.3189	155.6	80.341	49.986	645.89	26.586	0
"2014-08-26	13:00:00"	4.851	157.78	83.82	42.063	931.83	26.574	0
"2014-08-26	14:00:00"	7.6926	155.69	86.638	32.695	994.38	26.55	0
"2014-08-26	15:00:00"	8.5625	145.78	88.733	28.652	1024	26.527	0
"2014-08-26	16:00:00"	10.787	154.93	90.102	25.364	955.79	26.503	0
"2014-08-26	17:00:00"	10.294	163.25	90.853	24.058	865.92	26.488	0
"2014-08-26	18:00:00"	10.048	161.34	90.894	24.71	576.06	26.471	0
"2014-08-26	19:00:00"	7.9206	174.35	89.459	26.818	150.24	26.474	0
"2014-08-26	20:00:00"	5.7471	148.14	88.179	29.777	48.606	26.485	0
"2014-08-26	21:00:00"	4.0998	151.53	85.197	36.044	2.3744	26.497	0
"2014-08-26	22:00:00"	1.8337	146.13	82.23	43.383	0.07207	26.515	0
"2014-08-26	23:00:00"	11.178	165.01	80.429	44.435	0.06402	26.55	0.09
"2014-08-27	00:00:00"	5.9229	19.115	75.902	56.995	0.09179	26.545	0.09
"2014-08-27	01:00:00"	5.1828	34.237	75.266	60.811	0.08055	26.539	0
"2014-08-27	02:00:00"	1.8877	73.633	75.77	64.703	0.05851	26.536	0
"2014-08-27	03:00:00"	4.0215	133.9	77.51	52.912	0.07419	26.524	0
"2014-08-27	04:00:00"	4.6255	96.477	76.18	54.844	0.06699	26.527	0
"2014-08-27	05:00:00"	4.5845	65.703	71.285	71.501	0.06593	26.524	0
"2014-08-27	06:00:00"	3.2392	71.577	70.096	72.98	0.06826	26.521	0
"2014-08-27	07:00:00"	2.1475	108.1	70.087	69.561	0.08606	26.539	0
"2014-08-27	08:00:00"	2.6955	104.08	70.218	64.952	19.934	26.547	0
"2014-08-27	09:00:00"	5.9148	142.04	73.8	55.239	155.45	26.565	0
"2014-08-27	10:00:00"	7.6062	171.77	76.789	50.494	379.61	26.58	0
"2014-08-27	11:00:00"	5.898	208.51	79.702	44.511	569.1	26.586	0
"2014-08-27	12:00:00"	3.2666	169.48	82.932	38.763	779.55	26.583	0
"2014-08-27	13:00:00"	5.7589	170.51	85.5	34.299	904.57	26.568	0
"2014-08-27	14:00:00"	5.0617	183.68	88.103	30.287	996.07	26.553	0
"2014-08-27	15:00:00"	4.6814	188.31	89.293	28.629	803.11	26.533	0
"2014-08-27	16:00:00"	6.1994	160.5	90.449	27.027	868.77	26.503	0
"2014-08-27	17:00:00"	7.221	151.45	89.335	28.215	145.69	26.485	0
"2014-08-27	18:00:00"	3.251	113.05	87.876	31.66	58.254	26.485	0
"2014-08-27	19:00:00"	5.519	352.54	83.537	40.448	51.012	26.477	0
"2014-08-27	20:00:00"	4.0271	1.8693	85.07	38.729	109.52	26.48	0
"2014-08-27	21:00:00"	3.502	341.56	82.379	44.599	6.4514	26.491	0
"2014-08-27	22:00:00"	2.6216	16.743	79.72	50.411	0.07546	26.503	0
"2014-08-27	23:00:00"	3.3753	19.646	78.349	55.111	0.05808	26.506	0
"2014-08-28	00:00:00"	3.4033	32.972	78.133	52.903	0.05278	26.509	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-28	01:00:00"	3.4225	29.736	76.362	56.075	0.08903	26.494	0
"2014-08-28	02:00:00"	2.0667	66.499	74.256	61.109	0.06953	26.485	0
"2014-08-28	03:00:00"	2.8459	168.04	75.268	58.559	0.08458	26.474	0
"2014-08-28	04:00:00"	3.1789	163.23	75.24	58.067	0.06614	26.468	0
"2014-08-28	05:00:00"	3.3405	150.35	74.46	59.729	0.07949	26.456	0
"2014-08-28	06:00:00"	4.221	133.01	73.839	60.264	0.06932	26.459	0
"2014-08-28	07:00:00"	2.7216	178.67	72.203	63.932	0.07822	26.459	0
"2014-08-28	08:00:00"	3.9271	194.02	72.71	60.938	13.536	26.471	0
"2014-08-28	09:00:00"	6.5213	189.13	73.858	59.699	150.35	26.474	0
"2014-08-28	10:00:00"	6.9059	195.22	77.197	53.626	377.42	26.477	0
"2014-08-28	11:00:00"	5.8844	218.67	81.07	46.202	591.15	26.477	0
"2014-08-28	12:00:00"	4.8312	261.25	85.643	38.505	773.57	26.468	0
"2014-08-28	13:00:00"	4.5099	233.16	88.341	32.384	907.28	26.444	0
"2014-08-28	14:00:00"	6.169	211.53	90.004	29.908	896.1	26.429	0
"2014-08-28	15:00:00"	8.4364	213.61	91.176	27.458	992.56	26.409	0
"2014-08-28	16:00:00"	7.4372	242.11	92.818	24.184	852.53	26.382	0
"2014-08-28	17:00:00"	6.6866	255.04	93.445	23.41	721.48	26.356	0
"2014-08-28	18:00:00"	6.7568	257.03	93.495	24.09	527.05	26.344	0
"2014-08-28	19:00:00"	6.7133	274.01	93.293	21.713	368.77	26.341	0
"2014-08-28	20:00:00"	7.1737	298.29	91.607	21.16	149.33	26.341	0
"2014-08-28	21:00:00"	5.3276	318.28	85.679	27.706	10.255	26.353	0
"2014-08-28	22:00:00"	3.8655	349	81.032	35.606	0.07504	26.379	0
"2014-08-28	23:00:00"	6.4828	140.77	82.328	42.728	0.06338	26.391	0
"2014-08-29	00:00:00"	6.7972	178.14	80.766	46.706	0.07737	26.391	0
"2014-08-29	01:00:00"	3.1839	238.71	77.155	54.303	0.07992	26.391	0
"2014-08-29	02:00:00"	1.4652	170.41	75.417	58.902	0.07483	26.382	0
"2014-08-29	03:00:00"	5.1903	53.295	71.755	68.623	0.07907	26.379	0
"2014-08-29	04:00:00"	8.1362	94.683	69.661	75.848	0.06253	26.379	0
"2014-08-29	05:00:00"	7.5453	105.74	68.801	79.906	0.06911	26.382	0
"2014-08-29	06:00:00"	8.3556	120.96	67.913	83.622	0.0778	26.379	0
"2014-08-29	07:00:00"	5.8819	133.88	67.275	84.325	0.0797	26.391	0
"2014-08-29	08:00:00"	4.3036	179.34	66.832	83.549	19.769	26.409	0
"2014-08-29	09:00:00"	4.4403	26.754	68.637	79.519	163.3	26.438	0
"2014-08-29	10:00:00"	6.1373	35.681	71.244	73.19	381.31	26.453	0
"2014-08-29	11:00:00"	2.877	103.49	74.572	64.047	613.01	26.459	0
"2014-08-29	12:00:00"	3.0025	47.497	76.966	57.72	710.14	26.459	0
"2014-08-29	13:00:00"	5.3432	49.689	79.587	52.504	921.09	26.453	0
"2014-08-29	14:00:00"	4.9467	72.449	82.258	45.874	982.58	26.444	0
"2014-08-29	15:00:00"	5.4861	82.531	83.993	42.165	977.12	26.429	0
"2014-08-29	16:00:00"	4.2036	77.001	86.276	35.744	899.65	26.406	0
"2014-08-29	17:00:00"	5.2556	85.446	87.54	33.154	693.89	26.388	0
"2014-08-29	18:00:00"	4.902	22.414	87.841	32.046	403.71	26.385	0
"2014-08-29	19:00:00"	5.4103	56.479	87.949	31.142	267.84	26.385	0
"2014-08-29	20:00:00"	4.9126	89.498	87.382	31.686	143.92	26.391	0
"2014-08-29	21:00:00"	5.9739	91.522	83.403	38.5	4.4391	26.409	0
"2014-08-29	22:00:00"	7.4838	98.566	80.856	45.037	0.06911	26.432	0
"2014-08-29	23:00:00"	7.0246	99.892	79.41	46.886	0.05893	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-30	00:00:00"	7.8516	105.9	78.109	50.821	0.08225	26.468	0
"2014-08-30	01:00:00"	9.9736	113.51	77.149	57.939	0.06995	26.471	0
"2014-08-30	02:00:00"	8.7526	121.43	75.668	60.249	0.07716	26.474	0
"2014-08-30	03:00:00"	5.6085	120.82	74.047	62.892	0.06805	26.471	0
"2014-08-30	04:00:00"	4.5894	123.49	72.22	67.919	0.0814	26.471	0
"2014-08-30	05:00:00"	2.9093	91.03	69.884	73.268	0.05384	26.471	0
"2014-08-30	06:00:00"	4.083	126.11	70.493	71.704	0.08543	26.474	0
"2014-08-30	07:00:00"	5.744	138.67	69.54	72.547	0.08034	26.48	0
"2014-08-30	08:00:00"	3.261	184.5	68.826	74.071	20.422	26.494	0
"2014-08-30	09:00:00"	3.8792	163.46	70.915	70.276	166.34	26.497	0
"2014-08-30	10:00:00"	8.13	183.3	75.44	62.752	389.84	26.497	0
"2014-08-30	11:00:00"	7.9722	188.27	79.684	54.282	609.57	26.506	0
"2014-08-30	12:00:00"	4.2558	177.98	83.818	41.636	795.33	26.503	0
"2014-08-30	13:00:00"	4.7342	146.21	86.871	28.249	924.06	26.491	0
"2014-08-30	14:00:00"	5.112	137.77	88.859	24.035	985.45	26.474	0
"2014-08-30	15:00:00"	5.3407	155.61	90.571	20.982	1062.5	26.453	0
"2014-08-30	16:00:00"	5.7837	131.09	91.634	18.644	919.91	26.429	0
"2014-08-30	17:00:00"	6.7673	141.94	92.023	17.703	814.65	26.415	0
"2014-08-30	18:00:00"	7.3502	121.5	92.177	17.956	638.22	26.412	0
"2014-08-30	19:00:00"	9.6306	115.17	91.368	18.827	356.01	26.409	0
"2014-08-30	20:00:00"	9.6132	112.06	89.822	19.226	138.18	26.409	0
"2014-08-30	21:00:00"	6.919	105.7	85.836	21.504	6.6721	26.415	0
"2014-08-30	22:00:00"	7.7336	107.57	82.381	23.041	0.0797	26.435	0
"2014-08-30	23:00:00"	9.8027	114.07	82.024	25.345	0.07864	26.441	0
"2014-08-31	00:00:00"	9.2522	127.7	80.443	32.869	0.07652	26.444	0
"2014-08-31	01:00:00"	8.1698	139.9	78.32	45.556	0.07334	26.438	0
"2014-08-31	02:00:00"	9.4399	152.23	77.705	53.281	0.09391	26.435	0
"2014-08-31	03:00:00"	9.4287	161.46	77.186	54.537	0.07017	26.429	0
"2014-08-31	04:00:00"	11	174.35	76.555	55.376	0.06487	26.426	0
"2014-08-31	05:00:00"	9.8438	184.22	75.163	58.194	0.07504	26.432	0
"2014-08-31	06:00:00"	7.659	186.43	73.419	62.096	0.06296	26.432	0
"2014-08-31	07:00:00"	4.6236	175.71	70.617	69.201	0.06444	26.429	0
"2014-08-31	08:00:00"	5.8154	181.69	69.909	71.598	18.769	26.432	0
"2014-08-31	09:00:00"	8.6116	189.55	71.791	68.461	159.79	26.444	0
"2014-08-31	10:00:00"	11.388	185.78	76.292	59.726	378.65	26.444	0
"2014-08-31	11:00:00"	11.383	176.19	80.358	50.787	595.38	26.45	0
"2014-08-31	12:00:00"	11.553	181.99	84.441	42.464	777.48	26.447	0
"2014-08-31	13:00:00"	10.216	188.56	88.945	33.265	908.01	26.432	0
"2014-08-31	14:00:00"	7.001	213.52	92.153	26.771	975.3	26.412	0
"2014-08-31	15:00:00"	6.7444	200.17	94.126	22.154	973.94	26.388	0
"2014-08-31	16:00:00"	6.0229	185.5	95.821	18.657	893.66	26.367	0
"2014-08-31	17:00:00"	8.281	196.87	96.904	17.564	779.25	26.347	0
"2014-08-31	18:00:00"	8.5799	205.21	97.263	16.497	586.63	26.332	0
"2014-08-31	19:00:00"	8.9627	189.73	96.992	15.785	354.08	26.323	0
"2014-08-31	20:00:00"	7.91	177.99	94.626	18.243	133.6	26.32	0
"2014-08-31	21:00:00"	6.8108	161.12	89.983	23.383	6.427	26.329	0
"2014-08-31	22:00:00"	11.101	165.01	88.47	27.151	0.07674	26.35	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-08-31	23:00:00"	15.833	164.45	86.965	31.24	0.08161	26.364	0
"2014-09-01	00:00:00"	14.939	170.6	84.153	35.995	0.07356	26.373	0
"2014-09-01	01:00:00"	15.632	172.31	81.792	40.113	0.07292	26.373	0
"2014-09-01	02:00:00"	11.797	180.14	79.69	47.185	0.08416	26.376	0
"2014-09-01	03:00:00"	10.978	177.81	78.109	52.621	0.08606	26.37	0
"2014-09-01	04:00:00"	8.8284	178.66	76.736	56.038	0.05448	26.361	0
"2014-09-01	05:00:00"	8.1294	181.08	75.664	58.231	0.09221	26.358	0
"2014-09-01	06:00:00"	8.7526	185.75	75.299	59.155	0.06487	26.364	0
"2014-09-01	07:00:00"	9.0944	187.45	74.685	60.599	0.05639	26.364	0
"2014-09-01	08:00:00"	8.9086	195.17	73.759	62.35	19.1	26.382	0
"2014-09-01	09:00:00"	10.104	190.54	74.677	61.326	162.75	26.388	0
"2014-09-01	10:00:00"	10.904	190.72	78.326	54.11	383.77	26.4	0
"2014-09-01	11:00:00"	8.4761	213.28	82.511	45.031	603.36	26.406	0
"2014-09-01	12:00:00"	5.7651	247.51	88.012	32.774	787.09	26.406	0
"2014-09-01	13:00:00"	4.3179	283.54	91.68	24.718	920.93	26.391	0
"2014-09-01	14:00:00"	3.4412	243.04	95.425	19.236	986.91	26.373	0
"2014-09-01	15:00:00"	6.2255	231.16	97.599	15.489	984.79	26.356	0
"2014-09-01	16:00:00"	6.9239	218.94	98.855	13.217	907.49	26.332	0
"2014-09-01	17:00:00"	6.2311	221.22	99.69	11.989	771.71	26.323	0
"2014-09-01	18:00:00"	5.2139	207.69	99.589	12.339	576.88	26.317	0
"2014-09-01	19:00:00"	5.5923	237.85	99.282	12.436	354.66	26.311	0
"2014-09-01	20:00:00"	5.2705	206.86	97.562	13.106	135.76	26.314	0
"2014-09-01	21:00:00"	4.2148	199.15	94.625	14.362	5.9806	26.329	0
"2014-09-01	22:00:00"	1.244	51.576	87.479	21.369	0.06762	26.338	0
"2014-09-01	23:00:00"	7.6665	166.28	86.086	30.666	0.07334	26.367	0
"2014-09-02	00:00:00"	10.765	177.35	85.394	38.176	0.05617	26.376	0
"2014-09-02	01:00:00"	10.947	175.2	83.64	42.597	0.0575	26.385	0
"2014-09-02	02:00:00"	10.824	178.83	81.638	44.946	0.07674	26.376	0
"2014-09-02	03:00:00"	9.8872	177.64	79.795	47.674	0.08606	26.37	0
"2014-09-02	04:00:00"	8.2499	178.14	78.154	50.282	0.08204	26.376	0
"2014-09-02	05:00:00"	7.2079	176.53	76.318	53.306	0.06084	26.373	0
"2014-09-02	06:00:00"	7.3104	178.91	75.104	54.617	0.06063	26.379	0
"2014-09-02	07:00:00"	5.6719	175.37	73.569	56.131	0.07737	26.391	0
"2014-09-02	08:00:00"	5.5277	175.37	71.757	58.82	17.936	26.409	0
"2014-09-02	09:00:00"	9.1621	176.01	73.632	57.961	160.88	26.415	0
"2014-09-02	10:00:00"	13.483	178.45	77.531	54.433	380.11	26.418	0
"2014-09-02	11:00:00"	11.368	185.11	81.266	48.237	599.25	26.42	0
"2014-09-02	12:00:00"	8.5731	185.9	85.859	39.258	783.42	26.42	0
"2014-09-02	13:00:00"	6.7176	168.21	90.48	29.711	914.37	26.412	0
"2014-09-02	14:00:00"	5.8974	159.58	93.967	23.327	980.48	26.397	0
"2014-09-02	15:00:00"	7.5994	166.44	96.738	18.165	978.32	26.379	0
"2014-09-02	16:00:00"	7.5987	170.76	98.376	14.949	947.63	26.364	0
"2014-09-02	17:00:00"	5.9875	170.41	98.872	14.235	785.57	26.341	0
"2014-09-02	18:00:00"	7.1986	180.2	98.855	14.902	502.18	26.329	0
"2014-09-02	19:00:00"	9.7909	154.07	97.269	17.944	277.28	26.32	0
"2014-09-02	20:00:00"	13.001	132.73	93.909	23.266	106.28	26.332	0
"2014-09-02	21:00:00"	13.236	136.15	89.446	29.886	5.4905	26.35	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-02	22:00:00"	17.612	141.23	87.517	33.228	0.08373	26.382	0
"2014-09-02	23:00:00"	16.606	150.79	84.845	37.517	0.06402	26.406	0
"2014-09-03	00:00:00"	13.791	154.61	82.688	41.656	0.07207	26.418	0
"2014-09-03	01:00:00"	10.065	154.96	80.55	45.54	0.0655	26.426	0
"2014-09-03	02:00:00"	10.432	158.49	79.12	49.065	0.06847	26.415	0
"2014-09-03	03:00:00"	8.6302	161.8	77.805	51.577	0.07758	26.406	0
"2014-09-03	04:00:00"	6.763	156.68	75.724	55.136	0.07462	26.403	0
"2014-09-03	05:00:00"	8.3276	166.06	74.755	57.533	0.06741	26.406	0
"2014-09-03	06:00:00"	7.2123	151.97	73.46	64.64	0.08776	26.406	0
"2014-09-03	07:00:00"	7.7634	152.88	72.448	70.835	0.05893	26.412	0
"2014-09-03	08:00:00"	10.018	153.42	71.83	73.799	15.971	26.429	0
"2014-09-03	09:00:00"	12.428	154.76	72.698	73.429	150.82	26.429	0
"2014-09-03	10:00:00"	15.47	169.04	74.618	70.625	375.53	26.444	0
"2014-09-03	11:00:00"	14.057	168.53	77.23	63.769	580.41	26.45	0
"2014-09-03	12:00:00"	14.375	158.89	80.177	56.562	770.01	26.444	0
"2014-09-03	13:00:00"	13.722	163.09	82.866	49.674	902.29	26.429	0
"2014-09-03	14:00:00"	13.328	160.27	85.975	42.573	967.72	26.418	0
"2014-09-03	15:00:00"	13.604	157.08	88.326	36.351	962.33	26.403	0
"2014-09-03	16:00:00"	15.492	152.93	89.969	31.905	883.74	26.382	0
"2014-09-03	17:00:00"	16.38	157.06	90.076	33.554	743.39	26.367	0
"2014-09-03	18:00:00"	16.886	157.59	89.017	34.276	469	26.373	0
"2014-09-03	19:00:00"	17.071	156.77	87.044	37.731	243.99	26.388	0
"2014-09-03	20:00:00"	16.092	146.88	84.724	40.594	74.871	26.391	0
"2014-09-03	21:00:00"	16.069	151.34	82.972	43.306	3.1943	26.406	0
"2014-09-03	22:00:00"	13.137	153.47	81.391	45.728	0.06805	26.415	0
"2014-09-03	23:00:00"	12.88	158.7	79.709	50.167	0.08246	26.42	0
"2014-09-04	00:00:00"	14.267	153.66	77.193	55.743	0.07313	26.42	0
"2014-09-04	01:00:00"	15.742	155.92	74.703	60.974	0.07843	26.423	0
"2014-09-04	02:00:00"	14.607	158.82	72.329	65.918	0.06741	26.415	0
"2014-09-04	03:00:00"	14.218	161.14	71.063	69.625	0.06911	26.412	0
"2014-09-04	04:00:00"	13.431	169.79	69.858	74.917	0.05893	26.426	0
"2014-09-04	05:00:00"	12.705	170.77	69.409	77.074	0.07546	26.423	0
"2014-09-04	06:00:00"	14.691	167.32	69.23	77.135	0.07377	26.423	0
"2014-09-04	07:00:00"	12.105	158.48	68.169	80.039	0.06508	26.429	0
"2014-09-04	08:00:00"	10.788	150.61	68.105	81.016	6.024	26.447	0
"2014-09-04	09:00:00"	13.734	162.53	69.083	78.31	81.284	26.459	0
"2014-09-04	10:00:00"	16.038	162.16	71.19	72.427	346.07	26.471	0
"2014-09-04	11:00:00"	17.565	167.04	74.72	63.684	565.67	26.483	0
"2014-09-04	12:00:00"	17.459	167.03	77.84	57.098	768.9	26.477	0
"2014-09-04	13:00:00"	16.141	167.11	80.054	50.762	838.31	26.471	0
"2014-09-04	14:00:00"	16.655	164.95	81.887	46.727	870.12	26.453	0
"2014-09-04	15:00:00"	16.576	162.86	85.39	39.356	876.01	26.435	0
"2014-09-04	16:00:00"	19.568	159.06	86.074	36.158	836.19	26.409	0
"2014-09-04	17:00:00"	19.946	158.01	86.338	34.961	667.59	26.403	0
"2014-09-04	18:00:00"	20.063	150.74	84.907	35.679	300.45	26.406	0
"2014-09-04	19:00:00"	21.101	145.89	82.649	31.687	191.27	26.42	0
"2014-09-04	20:00:00"	22.776	145.09	81.163	30.032	91.903	26.418	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-04	21:00:00"	19.323	148.11	79.426	37.613	1.1186	26.438	0
"2014-09-04	22:00:00"	16.751	149.88	78.003	44.568	0.06232	26.462	0
"2014-09-04	23:00:00"	15.947	150.51	77.326	46.542	0.08776	26.477	0
"2014-09-05	00:00:00"	14.539	147.17	75.997	51.169	0.06402	26.477	0
"2014-09-05	01:00:00"	17.154	149.19	74.765	53.58	0.09259	26.483	0
"2014-09-05	02:00:00"	14.803	155.03	73.788	55.679	0.06953	26.491	0
"2014-09-05	03:00:00"	14.034	148.75	72.7	60.857	0.06995	26.494	0
"2014-09-05	04:00:00"	10.814	142.28	71.876	66.261	0.07589	26.491	0
"2014-09-05	05:00:00"	9.5281	135.82	70.646	71.003	0.06974	26.491	0
"2014-09-05	06:00:00"	8.8067	129.2	69.884	74.533	0.07483	26.497	0
"2014-09-05	07:00:00"	9.0173	123.79	70.016	75.569	0.05427	26.518	0
"2014-09-05	08:00:00"	9.1963	137.27	70.493	76.065	7.5287	26.524	0
"2014-09-05	09:00:00"	10.866	142.63	71.173	76.034	63.947	26.53	0
"2014-09-05	10:00:00"	11.967	143.95	72.208	73.189	96.107	26.539	0
"2014-09-05	11:00:00"	14.239	157.01	74.057	67.828	372.04	26.547	0
"2014-09-05	12:00:00"	13.273	170.43	75.663	63.462	399.85	26.547	0
"2014-09-05	13:00:00"	12.276	164.54	77.724	58.45	548.53	26.536	0
"2014-09-05	14:00:00"	11.815	157.82	77.847	59.165	351.52	26.518	0
"2014-09-05	15:00:00"	12.194	144.12	78.534	57.46	372.4	26.497	0
"2014-09-05	16:00:00"	11.555	115.74	76.764	64.477	263.75	26.485	0
"2014-09-05	17:00:00"	13.748	142.27	78.449	59.115	355.38	26.468	0
"2014-09-05	18:00:00"	17.986	152.8	78.703	54.601	196.3	26.468	0
"2014-09-05	19:00:00"	14.654	152.29	76.567	57.069	58.368	26.488	0
"2014-09-05	20:00:00"	9.7816	148.57	76.296	56.862	45.515	26.503	0
"2014-09-05	21:00:00"	10.189	132.57	75.64	54.595	1.4116	26.527	0
"2014-09-05	22:00:00"	10.375	123.46	74.051	61.485	0.05427	26.553	0
"2014-09-05	23:00:00"	7.3104	126.38	72.332	69.013	0.06699	26.571	0.01
"2014-09-06	00:00:00"	6.379	127.25	70.151	76.916	0.08119	26.571	0.02
"2014-09-06	01:00:00"	3.8413	108.4	69.591	80.028	0.06741	26.574	0
"2014-09-06	02:00:00"	3.6798	64.253	69.097	82.584	0.07631	26.58	0
"2014-09-06	03:00:00"	5.7526	55.551	68.557	86.132	0.07546	26.571	0
"2014-09-06	04:00:00"	9.2646	65.318	68.156	87.311	0.07144	26.571	0
"2014-09-06	05:00:00"	10.153	56.816	66.89	88.445	0.07186	26.574	0
"2014-09-06	06:00:00"	9.9792	49.092	66.13	88.106	0.07377	26.577	0
"2014-09-06	07:00:00"	11.211	42.746	64.817	88.909	0.07674	26.586	0
"2014-09-06	08:00:00"	11.933	49.867	64.243	88.736	0.89519	26.604	0
"2014-09-06	09:00:00"	12.522	47.731	63.218	89.611	15.884	26.607	0.03
"2014-09-06	10:00:00"	13.34	50.77	62.554	88.952	41.332	26.612	0.01
"2014-09-06	11:00:00"	12.619	46.789	62.478	89.372	89.927	26.633	0.01
"2014-09-06	12:00:00"	12.463	35.191	61.421	89.648	115.32	26.642	0.02
"2014-09-06	13:00:00"	12.858	31.525	61.131	88.665	120.87	26.633	0
"2014-09-06	14:00:00"	12.802	29.624	60.982	90.034	110.75	26.624	0.04
"2014-09-06	15:00:00"	10.767	36.501	61.185	90.124	63.529	26.627	0.02
"2014-09-06	16:00:00"	9.7841	37.294	61.122	90.336	57.492	26.618	0.04
"2014-09-06	17:00:00"	10.351	41.277	61.502	89.557	139.38	26.607	0
"2014-09-06	18:00:00"	11.151	49.349	62.141	87.946	140.08	26.604	0
"2014-09-06	19:00:00"	10.12	42.945	62.281	87.904	73.658	26.598	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-06	20:00:00"	10.593	51.157	62.062	88.209	33.788	26.601	0
"2014-09-06	21:00:00"	9.0043	52.56	61.862	88.997	1.0582	26.618	0
"2014-09-06	22:00:00"	9.3349	61.306	61.678	88.108	0.06974	26.642	0
"2014-09-06	23:00:00"	8.1126	56.325	61.683	89.124	0.09179	26.645	0
"2014-09-07	00:00:00"	8.757	43.812	61.577	90.487	0.06169	26.648	0
"2014-09-07	01:00:00"	8.8269	49.844	61.268	91.65	0.07948	26.642	0
"2014-09-07	02:00:00"	8.4867	47.543	61.35	92.005	0.08352	26.633	0
"2014-09-07	03:00:00"	8.8663	44.57	61.043	92.101	0.08267	26.624	0
"2014-09-07	04:00:00"	7.828	43.647	60.778	91.87	0.06741	26.609	0.01
"2014-09-07	05:00:00"	7.5956	48.773	60.935	91.284	0.08861	26.609	0.01
"2014-09-07	06:00:00"	8.8781	62.458	61.035	91.073	0.07483	26.607	0
"2014-09-07	07:00:00"	8.5948	65.666	61.189	91.244	0.06253	26.607	0
"2014-09-07	08:00:00"	8.8179	70.501	61.284	91.102	4.074	26.607	0
"2014-09-07	09:00:00"	8.6619	73.246	61.476	91.317	15.925	26.624	0
"2014-09-07	10:00:00"	7.0731	76.43	62.018	91.205	53.242	26.63	0
"2014-09-07	11:00:00"	8.4071	70.869	62.491	91.009	77.818	26.642	0
"2014-09-07	12:00:00"	7.4111	83.566	62.753	91.325	67.493	26.648	0.02
"2014-09-07	13:00:00"	5.2046	81.001	63.197	91.236	96.489	26.642	0.06
"2014-09-07	14:00:00"	4.833	71.027	63.748	91.056	91.564	26.627	0.01
"2014-09-07	15:00:00"	4.9759	77.317	64.839	89.876	251.79	26.604	0.01
"2014-09-07	16:00:00"	4.2651	100.48	66.733	85.833	363.3	26.577	0
"2014-09-07	17:00:00"	2.6905	158.41	68.432	80.105	263.67	26.553	0
"2014-09-07	18:00:00"	3.0466	140.62	69.328	79.226	193.62	26.542	0
"2014-09-07	19:00:00"	1.4335	107.74	70.06	77.884	102.98	26.545	0
"2014-09-07	20:00:00"	1.4869	49.632	69.992	78.005	24.407	26.542	0
"2014-09-07	21:00:00"	1.9337	85.443	69.87	79.166	0.49328	26.547	0
"2014-09-07	22:00:00"	2.9062	112.15	69.087	82.524	0.07928	26.559	0
"2014-09-07	23:00:00"	4.5329	113.08	67.815	85.013	0.07695	26.568	0
"2014-09-08	00:00:00"	4.3372	136.84	67.029	85.932	0.05957	26.568	0
"2014-09-08	01:00:00"	3.453	142.58	65.929	88.561	0.09899	26.559	0
"2014-09-08	02:00:00"	5.2114	145.39	65.847	89.865	0.08691	26.553	0
"2014-09-08	03:00:00"	3.174	152.72	65.516	90.516	0.07398	26.556	0
"2014-09-08	04:00:00"	2.3917	174.85	65.201	89.871	0.08204	26.55	0
"2014-09-08	05:00:00"	0.41445	232.81	64.201	90.92	0.09094	26.539	0
"2014-09-08	06:00:00"	0.86868	73.195	63.453	91.512	0.07144	26.527	0
"2014-09-08	07:00:00"	1.3751	69.178	62.513	91.858	0.09475	26.524	0
"2014-09-08	08:00:00"	0.94697	55.438	61.444	92.05	12.695	26.533	0
"2014-09-08	09:00:00"	2.3618	121.91	64.248	91.463	155.26	26.533	0
"2014-09-08	10:00:00"	6.502	142.42	67.572	86.481	222.52	26.542	0
"2014-09-08	11:00:00"	7.5789	169.6	69.082	84.435	259.97	26.553	0
"2014-09-08	12:00:00"	7.3086	186.61	71.192	79.143	384.22	26.553	0
"2014-09-08	13:00:00"	6.9177	201.21	74.21	71.698	799.28	26.542	0
"2014-09-08	14:00:00"	7.549	187.71	77.128	65.249	901.42	26.521	0
"2014-09-08	15:00:00"	7.6795	195.54	79.909	56.763	915.42	26.503	0
"2014-09-08	16:00:00"	8.3922	192.05	82.143	49.727	835.9	26.477	0
"2014-09-08	17:00:00"	7.8467	196.47	83.738	44.685	675.08	26.456	0
"2014-09-08	18:00:00"	8.217	189.67	84.281	43.838	504.09	26.441	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-08	19:00:00"	9.8369	183.09	84.076	45.033	309.98	26.441	0
"2014-09-08	20:00:00"	7.989	177.73	82.077	49.276	85.617	26.441	0
"2014-09-08	21:00:00"	5.0288	167.42	78.368	57.118	0.99461	26.444	0
"2014-09-08	22:00:00"	4.8635	154.35	76.953	59.322	0.06084	26.465	0
"2014-09-08	23:00:00"	6.3777	151.69	75.883	61.183	0.0761	26.468	0
"2014-09-09	00:00:00"	7.1675	150.74	74.755	62.242	0.06677	26.471	0
"2014-09-09	01:00:00"	10.039	162.2	75.295	59.419	0.07123	26.468	0
"2014-09-09	02:00:00"	9.0913	172.21	73.687	63.354	0.06889	26.468	0
"2014-09-09	03:00:00"	6.4734	180.77	71.745	68.974	0.04367	26.465	0
"2014-09-09	04:00:00"	5.7365	179.7	70.295	72.908	0.06826	26.453	0
"2014-09-09	05:00:00"	5.4799	178.16	68.734	77.026	0.07144	26.444	0
"2014-09-09	06:00:00"	5.7582	182.51	68.729	76.318	0.07886	26.441	0
"2014-09-09	07:00:00"	4.1234	179.92	67.37	79.246	0.07907	26.438	0
"2014-09-09	08:00:00"	4.3546	180.26	67.009	79.446	12.508	26.441	0
"2014-09-09	09:00:00"	6.4797	180.71	68.634	76.016	136.88	26.453	0
"2014-09-09	10:00:00"	10.363	186.43	73.247	66.071	344.07	26.453	0
"2014-09-09	11:00:00"	10.21	189.92	77.027	58.477	555.72	26.459	0
"2014-09-09	12:00:00"	11.009	203.33	80.892	50.923	732.63	26.456	0
"2014-09-09	13:00:00"	10.724	215.13	83.786	47.406	857.65	26.432	0
"2014-09-09	14:00:00"	13.318	213.79	86.481	42.073	922.23	26.403	0
"2014-09-09	15:00:00"	13.378	222.69	88.338	39.485	908.38	26.376	0
"2014-09-09	16:00:00"	12.073	226.84	89.785	37.014	810.06	26.35	0
"2014-09-09	17:00:00"	12.959	219.54	90.573	34.638	629.86	26.335	0
"2014-09-09	18:00:00"	12.415	215.36	90.973	33.117	471.01	26.326	0
"2014-09-09	19:00:00"	10.625	217.72	90.827	32.627	287.43	26.32	0
"2014-09-09	20:00:00"	10.317	217.07	89.735	32.477	99.812	26.314	0
"2014-09-09	21:00:00"	7.572	215.99	86.813	34.587	1.2219	26.326	0
"2014-09-09	22:00:00"	7.7771	211.84	83.961	38.697	0.06932	26.338	0
"2014-09-09	23:00:00"	3.6791	223.07	80.166	44.721	0.04579	26.338	0
"2014-09-10	00:00:00"	1.6224	247.86	76.242	51.494	0.08479	26.338	0
"2014-09-10	01:00:00"	4.4764	224.66	77.035	48.859	0.07059	26.335	0
"2014-09-10	02:00:00"	3.9289	171.97	74.205	55.381	0.07886	26.329	0
"2014-09-10	03:00:00"	3.9476	169.01	73.615	56.005	0.05872	26.332	0
"2014-09-10	04:00:00"	3.8941	169.93	72.694	59.294	0.08204	26.335	0
"2014-09-10	05:00:00"	4.2651	179.8	71.512	61.161	0.06868	26.326	0
"2014-09-10	06:00:00"	5.204	183.58	69.801	65.905	0.08225	26.329	0
"2014-09-10	07:00:00"	4.1595	203.26	69.666	66.574	0.0725	26.332	0
"2014-09-10	08:00:00"	4.9753	209	69.172	67.501	13.402	26.347	0
"2014-09-10	09:00:00"	3.8817	229.86	71.025	62.579	141.89	26.358	0
"2014-09-10	10:00:00"	7.8131	286.03	77.452	49.121	355.03	26.367	0
"2014-09-10	11:00:00"	11.621	304.5	82.422	38.999	568.24	26.385	0
"2014-09-10	12:00:00"	12.53	320.23	85.768	32.906	747.32	26.391	0
"2014-09-10	13:00:00"	11.117	327.03	87.632	29.921	874.94	26.388	0
"2014-09-10	14:00:00"	8.9844	325.77	89.197	27.705	935.61	26.385	0
"2014-09-10	15:00:00"	7.5882	317.58	90.52	25.209	926.83	26.373	0
"2014-09-10	16:00:00"	6.676	304.57	91.315	24.187	777.12	26.361	0
"2014-09-10	17:00:00"	5.6191	317.99	90.558	24.969	407.94	26.356	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-10	18:00:00"	3.7792	29.025	90.669	24.015	448.92	26.344	0
"2014-09-10	19:00:00"	4.6491	4.1402	90.94	23.919	332.46	26.35	0
"2014-09-10	20:00:00"	3.548	31.217	89.035	26.579	114.27	26.356	0
"2014-09-10	21:00:00"	2.4066	336.93	83.315	36.995	0.80658	26.373	0
"2014-09-10	22:00:00"	3.612	65.484	79.305	46.523	0.08458	26.4	0
"2014-09-10	23:00:00"	10.642	59.034	78.302	54.336	0.08182	26.418	0
"2014-09-11	00:00:00"	14.117	68.801	75.891	62.102	0.07631	26.432	0
"2014-09-11	01:00:00"	13.313	67.782	73.372	65.748	0.05405	26.444	0
"2014-09-11	02:00:00"	14.815	70.359	71.469	68.696	0.06317	26.453	0
"2014-09-11	03:00:00"	14.53	78.376	69.844	70.013	0.0725	26.465	0
"2014-09-11	04:00:00"	10.867	75.783	68.501	73.205	0.09179	26.468	0
"2014-09-11	05:00:00"	9.538	67.589	67.521	75.138	0.07652	26.462	0
"2014-09-11	06:00:00"	9.4436	59.275	66.313	77.847	0.06783	26.474	0
"2014-09-11	07:00:00"	10.035	54.986	65.371	79.816	0.0566	26.477	0
"2014-09-11	08:00:00"	11.512	58.423	64.604	79.642	11.243	26.488	0
"2014-09-11	09:00:00"	11.571	45.657	65.295	76.744	93.783	26.53	0
"2014-09-11	10:00:00"	12.781	42.861	67.001	73.071	253	26.542	0
"2014-09-11	11:00:00"	13.063	52.63	69.148	66.117	439.37	26.553	0
"2014-09-11	12:00:00"	12.457	57.542	71.826	62.381	676.83	26.553	0
"2014-09-11	13:00:00"	12.723	71.327	74.645	56.085	872.07	26.536	0
"2014-09-11	14:00:00"	12.292	75.356	77.501	49.697	875.09	26.518	0
"2014-09-11	15:00:00"	10.837	103.38	79.398	47.279	896.36	26.494	0
"2014-09-11	16:00:00"	9.3032	94.653	81.383	44.319	745.48	26.471	0
"2014-09-11	17:00:00"	8.0871	98.093	83.144	41.26	690.59	26.456	0
"2014-09-11	18:00:00"	8.885	108.76	83.357	40.793	340.22	26.456	0
"2014-09-11	19:00:00"	10.162	106.61	82.782	41.959	158.93	26.453	0
"2014-09-11	20:00:00"	13.089	115.42	80.757	47.774	14.39	26.456	0
"2014-09-11	21:00:00"	12.423	322.5	73.746	65.871	0.12676	26.53	0.5
"2014-09-11	22:00:00"	4.705	21.247	66.125	89.035	0.08352	26.53	0.48
"2014-09-11	23:00:00"	4.0178	85.636	67.375	88.826	0.07737	26.55	0.01
"2014-09-12	00:00:00"	9.2435	69.198	67.476	88.673	0.07186	26.539	0
"2014-09-12	01:00:00"	10.259	81.619	66.678	89.008	0.07674	26.545	0
"2014-09-12	02:00:00"	7.7827	51.599	65.872	89.178	0.08331	26.547	0
"2014-09-12	03:00:00"	6.8997	6.3205	65.515	89.022	0.08649	26.553	0
"2014-09-12	04:00:00"	5.3767	40.439	65.697	88.751	0.08246	26.542	0
"2014-09-12	05:00:00"	7.8883	68.032	65.369	88.934	0.08967	26.521	0.01
"2014-09-12	06:00:00"	8.0828	61.322	64.524	89.762	0.05914	26.521	0
"2014-09-12	07:00:00"	8.9595	77.038	63.89	90.033	0.06126	26.542	0
"2014-09-12	08:00:00"	8.5507	85.879	64.112	90.279	0.57362	26.553	0.06
"2014-09-12	09:00:00"	7.0364	66.216	64.444	91.129	4.848	26.577	0.27
"2014-09-12	10:00:00"	6.0851	31.66	64.528	91.505	6.4101	26.583	0.36
"2014-09-12	11:00:00"	7.9343	59.405	64.689	91.549	9.3284	26.601	0.1
"2014-09-12	12:00:00"	12.216	71.048	64.267	90.832	38.01	26.609	0.13
"2014-09-12	13:00:00"	15.657	69.219	63.595	90.3	85.075	26.607	0.07
"2014-09-12	14:00:00"	18.693	60.726	62.095	89.066	173.44	26.618	0.06
"2014-09-12	15:00:00"	19.166	54.898	59.187	86.705	210.75	26.627	0
"2014-09-12	16:00:00"	16.837	46.03	57.957	85.996	148.08	26.618	0

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"2014-09-12	17:00:00"	15.842	43.837	56.433	86.546	105.44	26.633	0
"2014-09-12	18:00:00"	14.159	35.659	54.174	88.291	67.01	26.639	0.01
"2014-09-12	19:00:00"	14.498	42.102	53.252	88.023	40.604	26.648	0.02
"2014-09-12	20:00:00"	13.243	40.56	52.494	87.945	10.089	26.663	0
"2014-09-12	21:00:00"	13.187	45.227	51.687	87.87	0.16216	26.698	0
"2014-09-12	22:00:00"	14.096	53.874	51.217	88.045	0.06635	26.71	0
"2014-09-12	23:00:00"	14.012	52.697	50.839	90.041	0.07207	26.725	0.12
"2014-09-13	00:00:00"	13.185	49.555	49.718	90.707	0.07822	26.734	0.06
"2014-09-13	01:00:00"	10.158	42.571	49.217	89.549	0.07546	26.728	0.01
"2014-09-13	02:00:00"	10.239	43.022	49.202	88.706	0.085	26.731	0
"2014-09-13	03:00:00"	10.096	46.938	49.193	87.889	0.06826	26.722	0
"2014-09-13	04:00:00"	7.5515	40.112	48.818	89.362	0.09327	26.707	0.02
"2014-09-13	05:00:00"	7.513	35.225	48.359	90.29	0.0884	26.722	0.02
"2014-09-13	06:00:00"	7.6199	44.168	48.378	89.407	0.1151	26.719	0.01
"2014-09-13	07:00:00"	7.4241	45.196	48.086	90.075	0.09984	26.716	0
"2014-09-13	08:00:00"	9.7518	25.53	47.798	89.797	1.592	26.719	0
"2014-09-13	09:00:00"	7.4142	23.515	47.876	89.246	19.478	26.736	0
"2014-09-13	10:00:00"	6.4436	37.793	48.125	89.671	71.064	26.739	0
"2014-09-13	11:00:00"	6.3635	38.087	48.701	88.558	147.63	26.748	0.01
"2014-09-13	12:00:00"	5.6532	52.866	49.396	87.109	154.66	26.754	0
"2014-09-13	13:00:00"	5.4606	47.58	49.82	87.915	204.74	26.739	0
"2014-09-13	14:00:00"	4.7926	59.801	51.555	82.042	313.08	26.728	0
"2014-09-13	15:00:00"	5.0667	88.297	53.082	79.09	481.94	26.695	0
"2014-09-13	16:00:00"	5.0772	126.72	54.45	79.11	364.72	26.677	0
"2014-09-13	17:00:00"	2.6831	135.03	55.21	79.06	326.79	26.657	0
"2014-09-13	18:00:00"	3.3076	149.91	56.534	78.479	221.32	26.651	0
"2014-09-13	19:00:00"	4.5279	158.46	56.481	80.58	103.84	26.642	0
"2014-09-13	20:00:00"	3.2554	154.51	56.116	81.935	43.655	26.636	0
"2014-09-13	21:00:00"	4.3061	157.87	55.74	83.739	0.87166	26.642	0
"2014-09-13	22:00:00"	4.3931	154.54	55.408	84.405	0.07737	26.657	0
"2014-09-13	23:00:00"	4.5932	184.05	55.505	84.386	0.06275	26.66	0
"2014-09-14	00:00:00"	6.4834	171.52	55.438	85.772	0.0744	26.66	0
"2014-09-14	01:00:00"	6.6853	181.15	54.469	90.335	0.07229	26.651	0
"2014-09-14	02:00:00"	6.5051	190.54	53.918	91.179	0.07356	26.642	0
"2014-09-14	03:00:00"	3.8413	200.88	54.081	91.155	0.07334	26.636	0
"2014-09-14	04:00:00"	3.6742	218.1	54.199	90.934	0.06911	26.63	0
"2014-09-14	05:00:00"	3.0261	222.29	54.193	91.304	0.07165	26.618	0
"2014-09-14	06:00:00"	2.14	218.68	54.518	91.773	0.07907	26.615	0
"2014-09-14	07:00:00"	3.6748	180.48	54.759	91.975	0.08034	26.624	0
"2014-09-14	08:00:00"	5.77	154.28	54.948	92.254	1.6113	26.639	0
"2014-09-14	09:00:00"	5.7433	155.52	55.359	92.414	37.538	26.654	0
"2014-09-14	10:00:00"	6.0167	149.01	56.16	92.413	93.511	26.669	0
"2014-09-14	11:00:00"	6.4318	149.48	56.992	92.263	121.18	26.672	0
"2014-09-14	12:00:00"	4.8274	141.89	57.853	91.12	153.94	26.669	0
"2014-09-14	13:00:00"	5.4594	137.47	59.451	88.428	192.37	26.669	0
"2014-09-14	14:00:00"	5.268	152.26	60.275	87.403	191.92	26.648	0
"2014-09-14	15:00:00"	6.315	162.1	62.136	84.091	265.49	26.633	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-14	16:00:00"	7.8908	155.78	63.374	81.451	331.66	26.618	0
"2014-09-14	17:00:00"	8.7843	137.77	63.705	82.294	233.38	26.609	0
"2014-09-14	18:00:00"	9.4169	142.87	64.988	80.209	216.48	26.604	0
"2014-09-14	19:00:00"	10.087	142.01	66.071	78.063	157.13	26.598	0
"2014-09-14	20:00:00"	10.863	144.02	65.583	79.301	34.244	26.598	0
"2014-09-14	21:00:00"	9.0583	143.33	64.244	83.949	0.35316	26.598	0
"2014-09-14	22:00:00"	5.803	148.06	63.556	86.698	0.0672	26.607	0
"2014-09-14	23:00:00"	3.2603	181.39	62.789	89.382	0.09094	26.609	0
"2014-09-15	00:00:00"	7.334	173.72	63.002	89.222	0.05617	26.612	0
"2014-09-15	01:00:00"	7.0221	178.38	62.855	89.602	0.08331	26.609	0
"2014-09-15	02:00:00"	9.7201	178.79	63.093	89.557	0.09285	26.604	0
"2014-09-15	03:00:00"	9.5095	179.21	63.423	89.212	0.06614	26.604	0
"2014-09-15	04:00:00"	9.758	175.59	63.391	89.668	0.11489	26.592	0
"2014-09-15	05:00:00"	8.6408	176.07	63.5	89.171	0.09793	26.583	0
"2014-09-15	06:00:00"	6.8077	175.73	63.57	88.959	0.07992	26.589	0
"2014-09-15	07:00:00"	7.7764	167.28	63.767	88.12	0.07186	26.598	0
"2014-09-15	08:00:00"	6.6797	166.82	63.609	88.559	2.053	26.604	0
"2014-09-15	09:00:00"	7.0948	154.85	63.893	88.43	98.027	26.607	0
"2014-09-15	10:00:00"	9.9978	173.49	65.311	85.719	157.08	26.612	0
"2014-09-15	11:00:00"	9.7027	177.3	66.659	82.205	221.72	26.621	0
"2014-09-15	12:00:00"	9.2466	184.29	67.978	78.937	282.28	26.621	0
"2014-09-15	13:00:00"	8.5432	186.6	69.64	74.233	340.32	26.618	0
"2014-09-15	14:00:00"	6.4834	177.55	70.95	71.184	376.18	26.604	0
"2014-09-15	15:00:00"	6.2709	168.52	71.748	70.035	217.81	26.592	0
"2014-09-15	16:00:00"	5.5998	145.58	71.875	69.989	249.35	26.574	0
"2014-09-15	17:00:00"	5.6203	131.33	72.858	67.392	286.88	26.568	0
"2014-09-15	18:00:00"	5.7744	126.52	73.319	66.149	222.22	26.577	0
"2014-09-15	19:00:00"	5.931	128.47	72.851	68.489	89.328	26.586	0
"2014-09-15	20:00:00"	4.0551	103.26	72.178	70.558	27.299	26.592	0
"2014-09-15	21:00:00"	2.8527	96.293	70.848	76.075	0.12825	26.604	0
"2014-09-15	22:00:00"	2.4165	95.822	70.249	76.773	0.0725	26.621	0
"2014-09-15	23:00:00"	2.598	62.095	68.593	81.688	0.08331	26.633	0
"2014-09-16	00:00:00"	2.885	81.527	67.614	84.188	0.07864	26.639	0
"2014-09-16	01:00:00"	3.0041	52.904	67.265	85.742	0.09344	26.639	0
"2014-09-16	02:00:00"	3.2237	79.557	67.439	85.829	0.07737	26.633	0
"2014-09-16	03:00:00"	2.8807	65.214	66.952	87.049	0.08225	26.63	0
"2014-09-16	04:00:00"	3.187	76.334	67.235	86.519	0.0761	26.621	0
"2014-09-16	05:00:00"	3.1982	73.493	67.482	84.956	0.0761	26.621	0
"2014-09-16	06:00:00"	3.0833	72.04	67.216	85.453	0.06444	26.612	0
"2014-09-16	07:00:00"	3.0739	61.739	66.411	87.183	0.0778	26.615	0
"2014-09-16	08:00:00"	3.3728	58.06	66.121	87.348	4.016	26.621	0
"2014-09-16	09:00:00"	3.8469	35.616	66.466	88.237	80.174	26.627	0
"2014-09-16	10:00:00"	4.5217	62.121	68.783	83.317	177.48	26.63	0
"2014-09-16	11:00:00"	4.1657	85.264	70.496	78.994	148.8	26.642	0
"2014-09-16	12:00:00"	3.5462	138.7	71.672	74.519	232.43	26.636	0
"2014-09-16	13:00:00"	4.9026	169.74	73.238	69.178	368.92	26.624	0
"2014-09-16	14:00:00"	4.211	178.81	74.802	63.668	374.24	26.607	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-16"	15:00:00"	4.6044	218.37	75.46	62.11	294.96	26.589	0
"2014-09-16"	16:00:00"	4.1526	209.62	74.309	67.511	274.14	26.568	0
"2014-09-16"	17:00:00"	3.8761	341.51	73.876	71.165	249.74	26.55	0
"2014-09-16"	18:00:00"	6.4716	2.7739	72.197	78.633	207.54	26.539	0
"2014-09-16"	19:00:00"	6.4231	11.264	73.049	75.327	163.48	26.533	0
"2014-09-16"	20:00:00"	5.2885	33.12	72.052	77.292	37.272	26.53	0
"2014-09-16"	21:00:00"	5.7172	33.005	69.38	85.511	0.10133	26.542	0
"2014-09-16"	22:00:00"	6.2386	41.502	68.37	88.125	0.08225	26.55	0
"2014-09-16"	23:00:00"	5.1915	45.685	68.061	89.222	0.06635	26.553	0
"2014-09-17"	00:00:00"	5.4395	61.575	67.672	89.773	0.08204	26.542	0
"2014-09-17"	01:00:00"	5.9077	72.241	67.808	88.824	0.07589	26.536	0
"2014-09-17"	02:00:00"	5.1313	64.115	67.811	89.021	0.06677	26.527	0
"2014-09-17"	03:00:00"	5.9173	62.887	67.456	89.689	0.07737	26.518	0
"2014-09-17"	04:00:00"	6.6244	70.817	67.013	90.111	0.06635	26.503	0
"2014-09-17"	05:00:00"	6.31	75.47	66.737	89.884	0.06635	26.491	0
"2014-09-17"	06:00:00"	4.8498	79.431	66.284	89.716	0.06253	26.485	0
"2014-09-17"	07:00:00"	3.891	77.748	66.293	89.599	0.07504	26.494	0
"2014-09-17"	08:00:00"	3.8208	90.144	66.226	89.683	3.461	26.494	0
"2014-09-17"	09:00:00"	3.6319	101.64	66.658	89.387	45.029	26.506	0
"2014-09-17"	10:00:00"	4.5068	133.37	69.14	84.789	244.32	26.518	0
"2014-09-17"	11:00:00"	5.8173	183.51	73.16	74.927	529.3	26.512	0.01
"2014-09-17"	12:00:00"	7.0737	189.74	76.044	67.467	591.35	26.503	0
"2014-09-17"	13:00:00"	7.7013	187.48	78.383	61.774	831.45	26.485	0
"2014-09-17"	14:00:00"	7.769	177.3	80.252	55.078	815.28	26.471	0
"2014-09-17"	15:00:00"	7.6888	188.58	81.408	52.229	753.99	26.441	0
"2014-09-17"	16:00:00"	8.1654	189.12	82.778	47.525	786.56	26.418	0
"2014-09-17"	17:00:00"	7.1358	195.05	84.07	45.19	695.98	26.394	0
"2014-09-17"	18:00:00"	6.5629	184.33	83.788	44.23	357.95	26.388	0
"2014-09-17"	19:00:00"	3.9227	211.3	82.796	46.834	119.7	26.391	0
"2014-09-17"	20:00:00"	1.1657	159.14	81.43	52.931	36.908	26.397	0
"2014-09-17"	21:00:00"	8.7843	26.57	74.874	70.318	0.08331	26.418	0
"2014-09-17"	22:00:00"	10.642	56.146	71.491	76.549	0.07737	26.426	0
"2014-09-17"	23:00:00"	12.595	74.66	70.245	80.196	0.07377	26.435	0
"2014-09-18"	00:00:00"	12.968	86.629	68.761	83.708	0.06571	26.435	0
"2014-09-18"	01:00:00"	11.269	98.785	68.121	85.541	0.08287	26.423	0
"2014-09-18"	02:00:00"	11.21	106.94	67.941	87.116	0.06508	26.415	0
"2014-09-18"	03:00:00"	9.0708	109.44	68.338	85.87	0.07928	26.42	0
"2014-09-18"	04:00:00"	4.779	106.42	68.155	80.493	0.08924	26.406	0
"2014-09-18"	05:00:00"	4.2862	111.27	67.883	81.522	0.06508	26.394	0
"2014-09-18"	06:00:00"	3.5468	189.81	67.423	83.226	0.07843	26.406	0
"2014-09-18"	07:00:00"	8.286	295.24	65.529	88.046	0.06063	26.42	0.05
"2014-09-18"	08:00:00"	6.7941	299.5	64.719	89.65	0.39513	26.426	0.1
"2014-09-18"	09:00:00"	4.3235	285.28	64.952	89.014	27.078	26.42	0.04
"2014-09-18"	10:00:00"	3.3784	282.39	66.378	87.712	128.26	26.4	0
"2014-09-18"	11:00:00"	4.8144	287.46	68.687	83.097	266.57	26.418	0
"2014-09-18"	12:00:00"	3.9047	278.91	71.521	75.253	272.63	26.432	0
"2014-09-18"	13:00:00"	6.0037	22.844	70.961	79.526	285.5	26.429	0.02

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-18	14:00:00"	10.597	76.996	72.46	77.83	712.36	26.412	0
"2014-09-18	15:00:00"	9.8605	90.608	73.107	77.715	410.59	26.403	0
"2014-09-18	16:00:00"	9.7207	84.16	73.578	76.841	445.23	26.376	0
"2014-09-18	17:00:00"	10.354	77.521	75.184	71.664	575.42	26.37	0
"2014-09-18	18:00:00"	10.461	88.123	74.898	71.714	246.93	26.382	0
"2014-09-18	19:00:00"	10.689	92.129	73.632	75.566	105.6	26.373	0
"2014-09-18	20:00:00"	10.325	90.168	71.079	81.57	12.246	26.388	0.01
"2014-09-18	21:00:00"	9.8438	85.12	69.721	86.666	0.07377	26.4	0
"2014-09-18	22:00:00"	10.19	85.894	69.005	87.73	0.08543	26.423	0
"2014-09-18	23:00:00"	10.415	94.967	68.759	87.042	0.07165	26.429	0
"2014-09-19	00:00:00"	10.583	99.984	68.672	87.878	0.08225	26.412	0
"2014-09-19	01:00:00"	10.21	108.6	68.834	88.497	0.06232	26.418	0
"2014-09-19	02:00:00"	10.852	110.95	68.559	88.669	0.08479	26.412	0.02
"2014-09-19	03:00:00"	8.0499	109.18	68.28	89.947	0.06508	26.418	0
"2014-09-19	04:00:00"	9.4554	107.06	68.132	89.808	0.0725	26.394	0.06
"2014-09-19	05:00:00"	8.8235	98.312	67.673	90.711	0.07864	26.391	0.11
"2014-09-19	06:00:00"	8.7004	103.55	67.461	91.032	0.07886	26.406	0.13
"2014-09-19	07:00:00"	7.8088	106.37	67.46	91.533	0.07737	26.412	0.24
"2014-09-19	08:00:00"	7.7174	108.48	67.387	91.333	0.1257	26.418	0.15
"2014-09-19	09:00:00"	9.7748	123.16	67.344	91.231	3.4707	26.426	0.2
"2014-09-19	10:00:00"	8.7303	135.42	67.4	91.284	23.504	26.435	0.15
"2014-09-19	11:00:00"	9.2472	127.44	67.91	90.528	87.773	26.441	0.01
"2014-09-19	12:00:00"	9.2541	139.4	68.426	88.44	109.73	26.438	0
"2014-09-19	13:00:00"	10.113	146.27	68.512	88.051	161.47	26.435	0.01
"2014-09-19	14:00:00"	8.8993	128.88	68.948	86.636	212.81	26.415	0.03
"2014-09-19	15:00:00"	8.9036	118.34	70.238	84.613	313.24	26.4	0
"2014-09-19	16:00:00"	8.03	114.41	71.582	78.093	279.66	26.391	0
"2014-09-19	17:00:00"	7.0159	108.78	72.674	76.05	197.21	26.385	0
"2014-09-19	18:00:00"	8.1163	92.054	73.887	73.898	209.68	26.394	0
"2014-09-19	19:00:00"	7.055	81.18	72.186	80.869	28.27	26.394	0
"2014-09-19	20:00:00"	4.605	84.267	71.277	85.365	12.94	26.4	0
"2014-09-19	21:00:00"	3.6506	91.173	70.53	85.245	0.07101	26.406	0
"2014-09-19	22:00:00"	4.4229	79.289	69.659	87.509	0.06508	26.423	0
"2014-09-19	23:00:00"	4.8001	85.6	69.665	87.978	0.07313	26.45	0
"2014-09-20	00:00:00"	5.4668	101.55	69.999	88.286	0.0602	26.45	0
"2014-09-20	01:00:00"	9.3957	140.66	69.427	89.428	0.09497	26.441	0.26
"2014-09-20	02:00:00"	7.3328	134.23	68.481	91.21	0.08543	26.435	0.05
"2014-09-20	03:00:00"	4.4397	161.57	69.016	91.067	0.0831	26.426	0.01
"2014-09-20	04:00:00"	0.95443	105.64	68.787	91.485	0.06847	26.418	0
"2014-09-20	05:00:00"	2.3239	54.115	68.954	91.599	0.05321	26.415	0
"2014-09-20	06:00:00"	1.3807	56.073	68.959	91.593	0.07949	26.423	0
"2014-09-20	07:00:00"	2.3227	104.79	68.817	91.427	0.0619	26.432	0
"2014-09-20	08:00:00"	1.3826	94.095	68.788	91.271	0.82948	26.444	0
"2014-09-20	09:00:00"	1.1303	164.85	68.974	91.311	11.561	26.459	0.12
"2014-09-20	10:00:00"	1.6199	349.21	69.546	90.963	73.942	26.474	0
"2014-09-20	11:00:00"	1.5547	7.4475	70.747	88.3	162.13	26.491	0.02
"2014-09-20	12:00:00"	5.2071	355.78	72.473	82.649	310.93	26.497	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-20	13:00:00"	7.3017	23.469	74.288	74.731	599.32	26.488	0
"2014-09-20	14:00:00"	7.5099	28.849	76.922	66.829	706.21	26.483	0
"2014-09-20	15:00:00"	6.9625	43.53	78.326	63.165	742	26.459	0
"2014-09-20	16:00:00"	4.9188	32	79.274	59.554	546.94	26.438	0
"2014-09-20	17:00:00"	4.2812	14.429	79.749	58.365	351.41	26.438	0
"2014-09-20	18:00:00"	5.844	24.884	80.08	59.189	336.49	26.441	0
"2014-09-20	19:00:00"	6.6369	76.152	79.313	62.72	212.24	26.441	0
"2014-09-20	20:00:00"	6.1969	62.648	77.213	69.864	37.046	26.453	0
"2014-09-20	21:00:00"	9.4871	58.872	73.117	82.984	0.10938	26.483	0
"2014-09-20	22:00:00"	12.18	84.195	71.268	86.831	0.07186	26.506	0
"2014-09-20	23:00:00"	9.9842	103.75	70.661	87.091	0.06699	26.518	0
"2014-09-21	00:00:00"	7.2557	103.52	70.221	88.472	0.06868	26.53	0
"2014-09-21	01:00:00"	7.7566	108.86	70.858	88.527	0.0672	26.524	0
"2014-09-21	02:00:00"	7.7019	105.99	70.643	88.63	0.06974	26.53	0
"2014-09-21	03:00:00"	8.0859	104.82	70.288	88.625	0.08861	26.53	0
"2014-09-21	04:00:00"	7.2191	95.96	69.876	88.937	0.08458	26.518	0
"2014-09-21	05:00:00"	10.059	85.333	69.296	90.899	0.09009	26.527	0.49
"2014-09-21	06:00:00"	7.9417	92.034	69.31	92.048	0.09136	26.533	0.06
"2014-09-21	07:00:00"	8.2021	104.99	69.352	92.014	0.06741	26.55	0.12
"2014-09-21	08:00:00"	10.748	115.18	68.267	90.339	0.19078	26.574	0.05
"2014-09-21	09:00:00"	8.3779	122.89	66.398	88.769	3.2961	26.586	0.08
"2014-09-21	10:00:00"	3.873	75.403	66.786	91.006	12.427	26.604	0.14
"2014-09-21	11:00:00"	6.4716	82.893	66.757	90.068	13.569	26.615	0.11
"2014-09-21	12:00:00"	5.1487	66.123	66.793	88.431	55.477	26.607	0.04
"2014-09-21	13:00:00"	5.9378	69.316	68.283	89.601	178.12	26.607	0.02
"2014-09-21	14:00:00"	8.1909	82.147	70.911	85.824	349.34	26.589	0
"2014-09-21	15:00:00"	12.376	72.664	71.51	81.281	445.61	26.571	0
"2014-09-21	16:00:00"	13.092	87.809	72.945	73.468	431.92	26.571	0
"2014-09-21	17:00:00"	11.247	97.568	71.015	82.177	118.26	26.571	0.02
"2014-09-21	18:00:00"	7.6745	97.615	69.585	88.002	51.105	26.577	0.06
"2014-09-21	19:00:00"	6.0758	85.788	69.291	88.989	28.984	26.58	0.04
"2014-09-21	20:00:00"	6.3448	76.376	68.858	88.638	7.75	26.583	0
"2014-09-21	21:00:00"	4.8436	83.101	68.364	89.164	0.07313	26.604	0
"2014-09-21	22:00:00"	6.0925	69.259	68.206	89.902	0.08204	26.633	0
"2014-09-21	23:00:00"	6.7245	71.029	68.18	90.072	0.08437	26.645	0.01
"2014-09-22	00:00:00"	6.5132	70.563	68.203	90.657	0.08522	26.648	0
"2014-09-22	01:00:00"	5.122	72.921	68.122	90.911	0.07038	26.642	0
"2014-09-22	02:00:00"	4.5534	58.662	67.818	91.019	0.08013	26.642	0
"2014-09-22	03:00:00"	5.8626	48.745	67.399	90.689	0.06995	26.636	0
"2014-09-22	04:00:00"	6.9848	62.032	67.364	89.804	0.07674	26.627	0
"2014-09-22	05:00:00"	6.9159	57.031	67.117	89.911	0.06974	26.627	0
"2014-09-22	06:00:00"	7.9467	63.442	66.911	90.378	0.07546	26.63	0
"2014-09-22	07:00:00"	7.956	77.527	66.806	90.37	0.06402	26.642	0
"2014-09-22	08:00:00"	8.6358	81.331	66.74	90.413	3.8105	26.648	0
"2014-09-22	09:00:00"	9.3249	89.789	66.946	89.572	55.1	26.663	0
"2014-09-22	10:00:00"	9.223	96.751	67.429	88.297	109.12	26.677	0
"2014-09-22	11:00:00"	9.5175	102.99	68.62	85.854	263.58	26.68	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-22	12:00:00"	8.6476	115.82	70.337	82.409	283.2	26.683	0
"2014-09-22	13:00:00"	8.3804	125.23	71.887	77.419	364.31	26.672	0
"2014-09-22	14:00:00"	8.8011	74.415	71.62	79.105	268.1	26.651	0
"2014-09-22	15:00:00"	10.891	112.4	72.391	72.928	357.15	26.642	0
"2014-09-22	16:00:00"	8.0132	131.16	69.559	74.413	131.81	26.624	0
"2014-09-22	17:00:00"	8.6476	91.591	70.329	72.854	184.76	26.609	0
"2014-09-22	18:00:00"	6.6052	91.326	72.383	71.423	148.92	26.601	0
"2014-09-22	19:00:00"	5.1543	84.228	72.282	72.806	63.551	26.607	0
"2014-09-22	20:00:00"	3.9277	65.222	70.434	79.841	9.9893	26.604	0
"2014-09-22	21:00:00"	3.2342	63.626	69.098	82.292	0.07525	26.615	0
"2014-09-22	22:00:00"	3.8158	72.001	68.778	81.326	0.09624	26.627	0
"2014-09-22	23:00:00"	5.9117	76.333	68.692	81.607	0.04515	26.633	0
"2014-09-23	00:00:00"	8.0455	95.102	68.967	84.332	0.07038	26.63	0
"2014-09-23	01:00:00"	7.696	96.971	68.075	84.973	0.11352	26.624	0
"2014-09-23	02:00:00"	6.6362	101.6	67.133	85.748	0.08352	26.609	0
"2014-09-23	03:00:00"	6.1553	119.74	66.635	86.32	0.08119	26.598	0
"2014-09-23	04:00:00"	5.281	123.25	66.197	86.404	0.06338	26.583	0
"2014-09-23	05:00:00"	2.2021	86.516	65.228	88.199	0.06783	26.589	0
"2014-09-23	06:00:00"	1.8765	83.93	64.539	89.405	0.07462	26.589	0
"2014-09-23	07:00:00"	3.0509	51.184	63.564	90.826	0.09497	26.592	0
"2014-09-23	08:00:00"	4.6783	71.076	63.405	91.172	2.176	26.598	0
"2014-09-23	09:00:00"	5.936	73.423	64.152	90.073	98.381	26.607	0
"2014-09-23	10:00:00"	7.6155	116.96	68.456	76.204	258.18	26.624	0
"2014-09-23	11:00:00"	9.4386	130.8	70.439	66.646	247.93	26.624	0
"2014-09-23	12:00:00"	13.359	154.7	72.118	63.029	502.62	26.609	0
"2014-09-23	13:00:00"	15.534	163.45	74.544	57.794	502.99	26.601	0
"2014-09-23	14:00:00"	14.466	185.85	75.79	54.882	590.7	26.592	0
"2014-09-23	15:00:00"	12.791	186.28	76.384	52.687	542.75	26.568	0
"2014-09-23	16:00:00"	10.216	188.06	77.944	49.652	636.62	26.55	0
"2014-09-23	17:00:00"	8.8061	191.77	78.839	47.641	500.14	26.539	0
"2014-09-23	18:00:00"	8.9552	187.9	78.614	47.597	235.43	26.53	0
"2014-09-23	19:00:00"	6.8717	194.5	77.248	50.834	85.242	26.521	0
"2014-09-23	20:00:00"	5.3345	183.2	74.899	57.839	26.571	26.518	0
"2014-09-23	21:00:00"	3.2069	180.51	73.632	59.025	0.07801	26.533	0
"2014-09-23	22:00:00"	0.88359	92.685	70.795	68.679	0.09518	26.542	0
"2014-09-23	23:00:00"	1.2092	123.11	69.138	74.357	0.09412	26.55	0
"2014-09-24	00:00:00"	3.7848	138.97	71.127	67.121	0.0867	26.553	0
"2014-09-24	01:00:00"	4.0799	163.46	69.39	72.729	0.07864	26.547	0
"2014-09-24	02:00:00"	2.3469	175.52	67.09	78.665	0.06211	26.553	0
"2014-09-24	03:00:00"	2.1723	178.16	65.819	81.32	0.07229	26.55	0
"2014-09-24	04:00:00"	4.3434	172.15	66.66	78.092	0.06593	26.536	0
"2014-09-24	05:00:00"	4.7473	159.57	66.979	76.472	0.0831	26.539	0
"2014-09-24	06:00:00"	6.5865	152.35	67.282	77.174	0.08585	26.545	0
"2014-09-24	07:00:00"	6.0217	152.89	67.165	79.847	0.06508	26.553	0
"2014-09-24	08:00:00"	6.361	156.28	66.734	82.071	2.5363	26.562	0
"2014-09-24	09:00:00"	6.7705	164.87	66.973	83.093	66.623	26.577	0
"2014-09-24	10:00:00"	9.4225	175.89	69.09	78.032	173.54	26.601	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-24	11:00:00"	10.715	159.11	70.424	73.795	237.82	26.607	0
"2014-09-24	12:00:00"	9.9233	165.91	72.066	70.135	438.05	26.609	0
"2014-09-24	13:00:00"	8.5364	160.54	74.866	63.151	579.43	26.607	0
"2014-09-24	14:00:00"	6.5281	174.46	76.391	57.316	342.36	26.598	0
"2014-09-24	15:00:00"	8.2798	149.64	78.47	52.044	621.85	26.565	0.1
"2014-09-24	16:00:00"	11.109	163.34	79.782	45.648	336.5	26.547	0
"2014-09-24	17:00:00"	11.382	165.89	80.543	44.739	478.19	26.53	0
"2014-09-24	18:00:00"	12.473	171.82	80.239	45.895	132.15	26.521	0
"2014-09-24	19:00:00"	11.91	148.19	79.414	45.545	210.48	26.536	0
"2014-09-24	20:00:00"	7.216	145.2	76.994	49.195	43.843	26.55	0
"2014-09-24	21:00:00"	7.9281	82.169	72.198	60.922	0.07229	26.598	0
"2014-09-24	22:00:00"	18.76	13.753	63.752	72.526	0.08988	26.627	0
"2014-09-24	23:00:00"	11.598	18.281	61.925	82.964	0.09158	26.627	0
"2014-09-25	00:00:00"	9.9084	59.491	61.242	88.515	0.05893	26.615	0
"2014-09-25	01:00:00"	8.6408	101.78	61.583	88.066	0.07843	26.607	0
"2014-09-25	02:00:00"	7.7137	123.91	62.129	86.666	0.06169	26.595	0
"2014-09-25	03:00:00"	7.2091	102.51	62.29	85.984	0.0831	26.601	0
"2014-09-25	04:00:00"	6.1901	88.081	62.21	85.519	0.06211	26.598	0
"2014-09-25	05:00:00"	4.8597	52.772	61.782	88.251	0.08225	26.592	0
"2014-09-25	06:00:00"	4.3415	61.958	61.394	89.218	0.07101	26.598	0
"2014-09-25	07:00:00"	5.0766	47.061	61.287	90.126	0.08924	26.609	0
"2014-09-25	08:00:00"	5.2518	51.937	61.261	90.41	3.4623	26.615	0
"2014-09-25	09:00:00"	4.956	74.471	61.681	90.474	28.8	26.63	0
"2014-09-25	10:00:00"	3.6978	93.574	62.431	86.34	47.385	26.654	0
"2014-09-25	11:00:00"	4.6267	94.078	63.85	80.308	99.664	26.663	0.01
"2014-09-25	12:00:00"	4.9169	94.149	63.914	75.105	172.86	26.66	0.01
"2014-09-25	13:00:00"	5.8142	139.46	65.903	70.737	353.15	26.66	0
"2014-09-25	14:00:00"	6.0845	151.56	67.072	64.53	396.92	26.648	0
"2014-09-25	15:00:00"	5.0716	126.38	68.158	62.506	382.22	26.627	0
"2014-09-25	16:00:00"	4.1079	110.44	68.888	59.397	299.63	26.607	0
"2014-09-25	17:00:00"	4.3111	90.051	69.237	60.117	148.18	26.598	0
"2014-09-25	18:00:00"	6.2125	52.1	68.498	62.849	194.49	26.589	0
"2014-09-25	19:00:00"	6.4473	67.283	68.325	66.493	97.03	26.592	0
"2014-09-25	20:00:00"	3.2734	47.922	66.294	75.041	17.178	26.589	0
"2014-09-25	21:00:00"	4.4764	34.42	64.001	82.889	0.06296	26.598	0
"2014-09-25	22:00:00"	6.1447	54.272	63.658	82.349	0.07992	26.601	0
"2014-09-25	23:00:00"	5.3034	48.859	62.591	85.066	0.08098	26.609	0.01
"2014-09-26	00:00:00"	4.0619	42.029	61.922	86.566	0.06783	26.609	0
"2014-09-26	01:00:00"	4.1448	54.129	61.897	86.318	0.089	26.595	0
"2014-09-26	02:00:00"	3.5505	42.074	62.163	84.365	0.08734	26.592	0
"2014-09-26	03:00:00"	3.8985	22.846	62.006	83.942	0.06508	26.586	0
"2014-09-26	04:00:00"	3.6829	21.306	61.292	83.338	0.09793	26.574	0
"2014-09-26	05:00:00"	2.3314	54.802	60.114	83.963	0.08288	26.568	0
"2014-09-26	06:00:00"	2.5371	31.621	59.427	85.425	0.07356	26.568	0
"2014-09-26	07:00:00"	3.6683	39.624	59.421	85.952	0.08246	26.571	0
"2014-09-26	08:00:00"	4.2694	58.016	58.782	85.769	2.938	26.58	0
"2014-09-26	09:00:00"	5.002	80.706	59.784	81.538	68.421	26.589	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-26	10:00:00"	4.9119	101.82	62.946	74.492	262.16	26.601	0
"2014-09-26	11:00:00"	8.5122	170.61	67.243	72.127	456.79	26.607	0
"2014-09-26	12:00:00"	8.0126	171.41	68.676	69.167	643.24	26.604	0
"2014-09-26	13:00:00"	6.3436	173.36	71.737	60.577	644.52	26.592	0
"2014-09-26	14:00:00"	7.0109	170.72	73.808	51.589	780.82	26.571	0
"2014-09-26	15:00:00"	7.5329	179.05	75.215	47.573	756.94	26.55	0
"2014-09-26	16:00:00"	6.927	161.5	75.826	45.407	704.67	26.536	0
"2014-09-26	17:00:00"	8.7837	168.56	76.223	44.184	595.5	26.527	0
"2014-09-26	18:00:00"	8.2909	186.87	73.665	55.399	212.44	26.515	0.01
"2014-09-26	19:00:00"	11.804	180.76	72.684	58.843	295.67	26.518	0
"2014-09-26	20:00:00"	7.3968	185.55	70.112	63.303	39.398	26.521	0
"2014-09-26	21:00:00"	4.5988	184.48	67.022	76.378	0.07864	26.533	0
"2014-09-26	22:00:00"	3.7556	184.36	65.373	82.836	0.08818	26.547	0
"2014-09-26	23:00:00"	3.0422	169.89	64.014	84.273	0.06953	26.556	0
"2014-09-27	00:00:00"	3.9867	165.2	63.675	83.152	0.09942	26.559	0
"2014-09-27	01:00:00"	3.425	156.78	62.702	85.912	0.07398	26.553	0
"2014-09-27	02:00:00"	4.508	176.41	61.269	87.054	0.0903	26.55	0
"2014-09-27	03:00:00"	1.8995	180.65	59.987	89.317	0.08564	26.545	0
"2014-09-27	04:00:00"	1.3695	199.34	59.416	90.25	0.07483	26.533	0
"2014-09-27	05:00:00"	1.0191	166.84	58.969	90.914	0.06656	26.527	0
"2014-09-27	06:00:00"	0.9625	130.77	58.388	90.184	0.08225	26.521	0
"2014-09-27	07:00:00"	0.81462	16.897	56.82	89.933	0.08585	26.524	0
"2014-09-27	08:00:00"	1.3714	66.554	55.81	91.106	2.6252	26.527	0
"2014-09-27	09:00:00"	1.5901	80.064	58.315	89.495	78.006	26.542	0
"2014-09-27	10:00:00"	5.8403	125.28	61.022	85.746	97.019	26.553	0
"2014-09-27	11:00:00"	6.1895	127.03	62.749	83.201	219.6	26.556	0
"2014-09-27	12:00:00"	6.0602	136.72	65.58	74.339	386.03	26.553	0
"2014-09-27	13:00:00"	7.677	154.1	67.179	71.369	300.54	26.542	0
"2014-09-27	14:00:00"	7.7622	158.01	68.132	70.48	354.92	26.521	0
"2014-09-27	15:00:00"	8.7576	158.62	70.908	62.758	547.71	26.491	0
"2014-09-27	16:00:00"	8.3313	174.98	72.024	58.761	379.15	26.477	0
"2014-09-27	17:00:00"	8.2388	161.88	72.987	55.842	265.47	26.459	0
"2014-09-27	18:00:00"	7.6391	182.45	72.249	57.821	112.58	26.447	0
"2014-09-27	19:00:00"	6.9538	167.56	72.162	58.208	71.909	26.453	0
"2014-09-27	20:00:00"	6.873	132.71	70.761	62.215	15.38	26.459	0
"2014-09-27	21:00:00"	6.4846	122.27	68.712	67.148	0.06423	26.477	0
"2014-09-27	22:00:00"	6.9538	125.17	67.112	71.877	0.085	26.491	0
"2014-09-27	23:00:00"	7.0109	124.56	66.26	73.538	0.06508	26.494	0
"2014-09-28	00:00:00"	6.8183	132.71	64.819	78.159	0.07483	26.5	0
"2014-09-28	01:00:00"	6.9952	136.56	63.547	80.22	0.07166	26.506	0
"2014-09-28	02:00:00"	5.7837	146.69	61.921	84.088	0.08818	26.5	0
"2014-09-28	03:00:00"	4.7355	150.71	61.062	87.041	0.07568	26.512	0
"2014-09-28	04:00:00"	2.9472	147.87	60.329	89.693	0.08882	26.509	0
"2014-09-28	05:00:00"	3.2007	153.88	59.883	91.044	0.05808	26.503	0
"2014-09-28	06:00:00"	3.6599	138.19	59.714	91.423	0.07462	26.509	0
"2014-09-28	07:00:00"	3.8165	99.268	58.207	91.894	0.08776	26.509	0
"2014-09-28	08:00:00"	4.1408	109.89	58.992	92.443	2.0604	26.518	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-28	09:00:00"	5.6433	129.49	59.667	92.499	49.784	26.53	0
"2014-09-28	10:00:00"	6.4343	149.54	60.29	92.259	187.73	26.547	0
"2014-09-28	11:00:00"	6.653	153.64	62.855	83.848	448.52	26.547	0
"2014-09-28	12:00:00"	6.9581	134.78	67.85	70.196	628.15	26.547	0
"2014-09-28	13:00:00"	7.7056	135.63	70.623	62.056	782.06	26.542	0
"2014-09-28	14:00:00"	8.1468	138.05	72.541	57.26	806.91	26.53	0
"2014-09-28	15:00:00"	8.3668	144.16	74.158	52.01	832.81	26.512	0
"2014-09-28	16:00:00"	8.8645	130.64	75.915	48.802	772.39	26.494	0
"2014-09-28	17:00:00"	9.3119	114.34	76.179	47.457	525.16	26.485	0
"2014-09-28	18:00:00"	8.9664	121.63	76.003	48.211	323.19	26.488	0
"2014-09-28	19:00:00"	8.414	120.03	75.269	49.022	191.05	26.491	0
"2014-09-28	20:00:00"	6.274	107.95	72.429	56.292	29.558	26.491	0
"2014-09-28	21:00:00"	5.2226	97.574	67.938	67.576	0.07165	26.5	0
"2014-09-28	22:00:00"	4.5348	94.719	65.505	74.006	0.07504	26.512	0
"2014-09-28	23:00:00"	4.3123	94.595	64.193	77.079	0.06126	26.512	0
"2014-09-29	00:00:00"	4.9567	92.361	63.693	77.531	0.08204	26.509	0
"2014-09-29	01:00:00"	5.3519	119.15	63.356	78.427	0.06236	26.512	0
"2014-09-29	02:00:00"	4.9964	135.63	63.557	77.341	0.06995	26.506	0
"2014-09-29	03:00:00"	4.344	139.26	63.432	78.04	0.08246	26.509	0
"2014-09-29	04:00:00"	3.4983	138.44	62.765	80.598	0.08988	26.5	0
"2014-09-29	05:00:00"	4.2719	134.77	62.402	82.067	0.07525	26.488	0
"2014-09-29	06:00:00"	5.2624	135.48	61.781	84.06	0.07949	26.483	0
"2014-09-29	07:00:00"	5.7042	131.82	61.629	84.735	0.07207	26.491	0
"2014-09-29	08:00:00"	3.7742	103.9	59.515	86.544	5.1318	26.494	0
"2014-09-29	09:00:00"	5.4215	118.15	61.423	84.046	104	26.515	0
"2014-09-29	10:00:00"	8.5793	128.57	65.872	75.008	296.49	26.521	0
"2014-09-29	11:00:00"	12.629	148.95	69.767	63.912	501.09	26.515	0
"2014-09-29	12:00:00"	13.639	150.02	72.48	55.676	670.6	26.506	0
"2014-09-29	13:00:00"	14.727	148.69	74.348	51.895	785.03	26.494	0
"2014-09-29	14:00:00"	13.07	154.78	75.769	48.181	662.41	26.48	0
"2014-09-29	15:00:00"	12.559	156.46	76.779	46.105	682.39	26.453	0
"2014-09-29	16:00:00"	11.52	147.05	78.037	45.354	692.16	26.432	0
"2014-09-29	17:00:00"	12.659	149.05	78.658	43.356	600.21	26.409	0
"2014-09-29	18:00:00"	12.237	146.12	78.837	42.62	433.69	26.397	0
"2014-09-29	19:00:00"	12.634	144.69	77.998	43.684	206.72	26.388	0
"2014-09-29	20:00:00"	9.8195	143.79	75.249	47.539	24.785	26.385	0
"2014-09-29	21:00:00"	7.6012	139.31	72.215	53.401	0.06041	26.382	0
"2014-09-29	22:00:00"	7.4322	139.33	69.784	59.854	0.07462	26.385	0
"2014-09-29	23:00:00"	8.0312	149.3	68.078	63.578	0.06911	26.382	0
"2014-09-30	00:00:00"	8.263	156.37	67.51	64.872	0.09751	26.382	0
"2014-09-30	01:00:00"	8.9906	164.75	67.555	65.873	0.06465	26.379	0
"2014-09-30	02:00:00"	4.961	175.8	65.047	72.924	0.07652	26.37	0
"2014-09-30	03:00:00"	4.1265	175.99	64.17	74.251	0.06995	26.364	0
"2014-09-30	04:00:00"	5.4239	171.08	64.038	75.621	0.07398	26.356	0
"2014-09-30	05:00:00"	5.7993	178.03	64.493	77.425	0.08776	26.35	0
"2014-09-30	06:00:00"	5.4768	172.54	63.581	80.732	0.08034	26.344	0
"2014-09-30	07:00:00"	5.309	184.87	62.891	82.481	0.0903	26.344	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-09-30	08:00:00"	5.1033	184.11	61.908	84.541	2.2654	26.344	0
"2014-09-30	09:00:00"	6.5064	198.34	63.021	82.348	98.428	26.358	0
"2014-09-30	10:00:00"	9.1553	192.26	66.673	74.879	291.16	26.361	0
"2014-09-30	11:00:00"	8.4662	195.72	70.315	67.085	497.1	26.364	0
"2014-09-30	12:00:00"	7.6988	222.2	74.919	57.713	668.6	26.356	0
"2014-09-30	13:00:00"	7.5018	233.14	80.093	47.529	790.11	26.341	0
"2014-09-30	14:00:00"	9.9643	259.05	83.612	34.346	846.01	26.32	0
"2014-09-30	15:00:00"	9.8382	259.17	84.665	32.076	833.11	26.294	0
"2014-09-30	16:00:00"	9.8027	235.9	85.287	31.375	746.31	26.27	0
"2014-09-30	17:00:00"	9.9115	240.46	85.816	30.094	605.89	26.255	0
"2014-09-30	18:00:00"	11.134	229.98	85.374	29.434	417.95	26.249	0
"2014-09-30	19:00:00"	9.5685	254.02	84.055	31.485	201.5	26.249	0
"2014-09-30	20:00:00"	4.7087	259.42	80.123	37.699	26.339	26.255	0
"2014-09-30	21:00:00"	2.6756	247.94	76.4	42.474	0.0761	26.264	0
"2014-09-30	22:00:00"	1.1862	251.1	72.628	46.603	0.08479	26.279	0
"2014-09-30	23:00:00"	3.7139	199.52	71.977	47.819	0.07822	26.291	0
"2014-10-01	00:00:00"	3.5219	203.27	73.006	44.425	0.04748	26.288	0
"2014-10-01	01:00:00"	3.0096	177.78	68.727	55.725	0.08667	26.285	0
"2014-10-01	02:00:00"	4.3452	164.87	66.697	70.796	0.06571	26.282	0
"2014-10-01	03:00:00"	4.6186	186.46	66.516	75.971	0.06487	26.285	0
"2014-10-01	04:00:00"	3.2864	212.36	65.868	80.313	0.06805	26.279	0
"2014-10-01	05:00:00"	3.6965	214.99	65.506	82.829	0.06783	26.273	0
"2014-10-01	06:00:00"	4.0967	200.58	64.894	85.195	0.08734	26.273	0
"2014-10-01	07:00:00"	3.64	195.08	63.531	88.263	0.07737	26.282	0
"2014-10-01	08:00:00"	4.8858	201.34	63.188	89.574	3.3679	26.299	0
"2014-10-01	09:00:00"	5.9111	193.24	63.083	89.794	107.66	26.32	0
"2014-10-01	10:00:00"	5.2083	249.35	65.829	86.126	294.48	26.329	0
"2014-10-01	11:00:00"	6.1721	233.26	70.87	74.447	504.54	26.338	0
"2014-10-01	12:00:00"	7.1402	229.13	76.182	49.807	682.22	26.332	0
"2014-10-01	13:00:00"	7.8858	260.18	81.139	29.353	804.07	26.323	0
"2014-10-01	14:00:00"	9.2808	276.18	82.802	23.776	676.7	26.294	0
"2014-10-01	15:00:00"	9.9102	269.03	84.269	19.73	861.05	26.267	0
"2014-10-01	16:00:00"	7.5422	241.13	85.506	20.391	618.69	26.267	0
"2014-10-01	17:00:00"	10.135	234.29	84.937	21.219	616.74	26.258	0
"2014-10-01	18:00:00"	11.004	227.81	84.939	20.301	424.56	26.264	0
"2014-10-01	19:00:00"	8.9154	231.47	83.382	20.755	209.75	26.267	0
"2014-10-01	20:00:00"	3.4548	225.22	77.609	29.693	25.661	26.27	0
"2014-10-01	21:00:00"	5.1325	218.69	75.793	32.189	0.07483	26.282	0
"2014-10-01	22:00:00"	2.8844	223.66	71.919	38.977	0.07419	26.294	0
"2014-10-01	23:00:00"	2.2046	229.11	68.454	42.389	0.07101	26.299	0
"2014-10-02	00:00:00"	1.5727	239.28	67.335	40.927	0.06826	26.296	0
"2014-10-02	01:00:00"	1.705	256.31	64.805	42.832	0.06508	26.296	0
"2014-10-02	02:00:00"	3.3368	234.21	62.311	49.314	0.08797	26.299	0
"2014-10-02	03:00:00"	2.8546	188.9	65.887	39.909	0.07228	26.302	0
"2014-10-02	04:00:00"	2.7154	172.6	63.747	49.607	0.06444	26.299	0
"2014-10-02	05:00:00"	4.1539	210.43	63.602	48.59	0.07589	26.314	0
"2014-10-02	06:00:00"	5.5644	215.32	63.245	58.332	0.07504	26.329	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-02	07:00:00"	3.3579	290.27	57.161	60.373	0.07462	26.35	0
"2014-10-02	08:00:00"	5.7806	310.07	56.356	61.515	3.3202	26.364	0
"2014-10-02	09:00:00"	8.5296	321.81	58.302	56.006	101.22	26.412	0
"2014-10-02	10:00:00"	12.534	350.26	65.534	43.342	298.53	26.441	0
"2014-10-02	11:00:00"	12.74	0.98239	67.012	44.308	510.54	26.459	0
"2014-10-02	12:00:00"	12.103	2.346	68.829	45.337	685.61	26.48	0
"2014-10-02	13:00:00"	9.8599	356.72	71.657	42.081	807.71	26.48	0
"2014-10-02	14:00:00"	8.7054	347.26	74.235	36.816	863.83	26.474	0
"2014-10-02	15:00:00"	10.883	342.03	75.294	33.433	846.86	26.471	0
"2014-10-02	16:00:00"	10.76	338.75	75.783	33.003	759.48	26.462	0
"2014-10-02	17:00:00"	10.328	343	76.568	29.786	615.41	26.456	0
"2014-10-02	18:00:00"	9.7798	346.23	76.134	28.318	422.06	26.459	0
"2014-10-02	19:00:00"	7.1687	338.92	74.702	28.515	205.67	26.477	0
"2014-10-02	20:00:00"	3.9532	1.4557	68.803	39.646	24.175	26.494	0
"2014-10-02	21:00:00"	5.4258	7.67	64.376	44.902	0.08564	26.512	0
"2014-10-02	22:00:00"	2.8347	70.06	60.687	52.106	0.07228	26.524	0
"2014-10-02	23:00:00"	3.4082	41.974	57.769	58.059	0.07992	26.539	0
"2014-10-03	00:00:00"	3.4735	38.886	55.881	62.081	0.07949	26.536	0
"2014-10-03	01:00:00"	2.9273	58.646	55.231	63.061	0.08776	26.542	0
"2014-10-03	02:00:00"	2.3519	84.479	55.054	63.325	0.09433	26.536	0
"2014-10-03	03:00:00"	2.0207	70.806	54.642	64.504	0.07822	26.547	0
"2014-10-03	04:00:00"	2.1854	324.38	51.534	73.052	0.10663	26.545	0
"2014-10-03	05:00:00"	2.7639	314.1	49.556	76.576	0.07801	26.556	0
"2014-10-03	06:00:00"	3.9793	272.33	51.792	70.724	0.07568	26.583	0
"2014-10-03	07:00:00"	2.3935	270.68	51.677	70.779	0.08628	26.598	0
"2014-10-03	08:00:00"	2.3736	297.81	51.624	69.883	3.1333	26.612	0
"2014-10-03	09:00:00"	1.3403	1.2824	53.787	70.221	100.19	26.636	0
"2014-10-03	10:00:00"	2.3836	235.08	61.529	54.079	298.46	26.66	0
"2014-10-03	11:00:00"	6.3715	195.06	66.404	44.126	512.6	26.677	0
"2014-10-03	12:00:00"	8.8259	201.49	69.523	38.092	690.09	26.674	0
"2014-10-03	13:00:00"	6.6679	191.62	71.928	34.149	811.33	26.669	0
"2014-10-03	14:00:00"	4.2825	207.18	74.276	30.97	866.48	26.654	0
"2014-10-03	15:00:00"	3.5779	262.43	76.563	27.836	849.27	26.633	0
"2014-10-03	16:00:00"	3.8562	143.55	77.534	24.443	761.19	26.618	0
"2014-10-03	17:00:00"	3.512	203.39	78.687	21.23	611.79	26.618	0
"2014-10-03	18:00:00"	2.757	167.2	78.978	22.005	411.46	26.612	0
"2014-10-03	19:00:00"	3.1056	152.72	78.02	23.408	194.64	26.612	0
"2014-10-03	20:00:00"	3.6425	115.52	73.67	32.141	21.156	26.618	0
"2014-10-03	21:00:00"	11.12	77.714	65.669	46.341	0.07398	26.645	0
"2014-10-03	22:00:00"	11.536	71.6	61.803	51.728	0.08946	26.666	0
"2014-10-03	23:00:00"	11.413	77.927	59.476	54.505	0.09158	26.666	0
"2014-10-04	00:00:00"	8.6072	84.7	56.892	59.867	0.0903	26.66	0
"2014-10-04	01:00:00"	7.9883	85.272	55.164	63.913	0.0973	26.663	0
"2014-10-04	02:00:00"	6.7897	90.242	53.456	67.677	0.08628	26.666	0
"2014-10-04	03:00:00"	5.8657	88.272	52.172	69.157	0.0655	26.663	0
"2014-10-04	04:00:00"	4.4969	61.559	49.705	73.677	0.09052	26.657	0
"2014-10-04	05:00:00"	3.558	49.149	46.678	81.179	0.08628	26.645	0

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"2014-10-04	06:00:00"	3.466	49.973	46.055	81.659	0.07229	26.63	0
"2014-10-04	07:00:00"	4.2197	59.547	46.836	78.53	0.08352	26.624	0
"2014-10-04	08:00:00"	3.8419	91.08	47.897	74.002	2.9709	26.615	0
"2014-10-04	09:00:00"	4.5018	118.51	49.95	70.604	96.533	26.615	0
"2014-10-04	10:00:00"	10.172	178.11	56.381	58.777	293.11	26.609	0
"2014-10-04	11:00:00"	13.274	193.06	61.883	51.553	505.4	26.601	0
"2014-10-04	12:00:00"	13.222	193.02	65.23	47.365	682.5	26.586	0
"2014-10-04	13:00:00"	12.662	197.29	69	42.393	806.94	26.559	0
"2014-10-04	14:00:00"	10.713	205.36	72.947	36.876	863.16	26.527	0
"2014-10-04	15:00:00"	10.608	221.46	76.401	32.812	846.98	26.488	0
"2014-10-04	16:00:00"	7.9293	219.45	79.118	29.903	758.67	26.462	0
"2014-10-04	17:00:00"	7.042	240.59	81.536	25.354	609.65	26.438	0
"2014-10-04	18:00:00"	6.5611	226.63	81.461	25.169	412.35	26.426	0
"2014-10-04	19:00:00"	4.6609	228.66	80.575	27.427	192.44	26.415	0
"2014-10-04	20:00:00"	2.3333	193.18	77.442	32.332	19.345	26.415	0
"2014-10-04	21:00:00"	0.86681	91.438	71.833	42.328	0.09009	26.418	0
"2014-10-04	22:00:00"	0.44801	176.99	67.625	48.947	0.07313	26.418	0
"2014-10-04	23:00:00"	2.6427	171.96	66.686	50.025	0.08267	26.412	0
"2014-10-05	00:00:00"	5.5184	181.84	63.53	57.379	0.07631	26.4	0
"2014-10-05	01:00:00"	6.9948	188.08	62.564	59.586	0.08331	26.391	0
"2014-10-05	02:00:00"	6.822	201.54	62.378	59.458	0.07758	26.382	0
"2014-10-05	03:00:00"	5.9391	204.32	60.996	62.297	0.08479	26.376	0
"2014-10-05	04:00:00"	3.6499	221.39	59.489	65.545	0.08924	26.361	0
"2014-10-05	05:00:00"	2.9702	241.08	58.552	67.375	0.08267	26.353	0
"2014-10-05	06:00:00"	2.9888	275.81	56.146	73.51	0.08182	26.353	0
"2014-10-05	07:00:00"	2.4103	304.78	51.643	82.09	0.06465	26.361	0
"2014-10-05	08:00:00"	1.935	257.6	52.852	81.562	3.0536	26.353	0
"2014-10-05	09:00:00"	2.342	276.72	55.46	77.709	95.847	26.364	0
"2014-10-05	10:00:00"	3.7059	252	62.431	64.253	294.62	26.379	0
"2014-10-05	11:00:00"	6.7555	285.55	70.083	44.091	512.27	26.388	0
"2014-10-05	12:00:00"	10.325	297.53	76.86	27.099	691.25	26.382	0
"2014-10-05	13:00:00"	13.709	309.34	79.154	21.366	815.9	26.37	0
"2014-10-05	14:00:00"	11.444	305.06	80.344	20.743	871.71	26.353	0
"2014-10-05	15:00:00"	10.318	301.67	81.386	20.9	852.38	26.323	0
"2014-10-05	16:00:00"	10.611	300.92	82.562	20.158	758.12	26.308	0
"2014-10-05	17:00:00"	10.819	305.26	83.169	19.862	607.55	26.305	0
"2014-10-05	18:00:00"	10.481	307.25	82.763	20.644	409.88	26.305	0
"2014-10-05	19:00:00"	8.7532	311.07	81.188	23.141	190.58	26.305	0
"2014-10-05	20:00:00"	4.2278	300.46	74.973	31.219	17.894	26.311	0
"2014-10-05	21:00:00"	4.2738	319.01	68.169	42.223	0.06911	26.329	0
"2014-10-05	22:00:00"	4.1992	318.48	64.093	48.571	0.0619	26.347	0
"2014-10-05	23:00:00"	3.389	316.97	61.754	54.294	0.06317	26.358	0
"2014-10-06	00:00:00"	2.8328	354.17	61.919	55.772	0.06847	26.367	0
"2014-10-06	01:00:00"	3.4592	7.7884	61.281	57.323	0.07186	26.376	0
"2014-10-06	02:00:00"	3.8624	327.61	59.889	61.359	0.06359	26.382	0
"2014-10-06	03:00:00"	3.3778	343.12	57.962	65.853	0.08479	26.382	0
"2014-10-06	04:00:00"	2.3457	320.57	56.715	68.5	0.05702	26.373	0

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"2014-10-06	05:00:00"	2.3059	318.99	55.533	70.238	0.08267	26.358	0
"2014-10-06	06:00:00"	3.1062	300.44	53.814	73.116	0.06974	26.37	0
"2014-10-06	07:00:00"	1.8424	326.61	53.35	73.791	0.0884	26.379	0
"2014-10-06	08:00:00"	2.9826	300.74	53.302	73.037	2.7434	26.4	0
"2014-10-06	09:00:00"	1.3111	23.82	55.869	71.373	92.393	26.426	0
"2014-10-06	10:00:00"	1.8678	67.119	67.678	50.613	285.09	26.453	0
"2014-10-06	11:00:00"	3.5151	146.63	74.229	40.854	499.5	26.45	0
"2014-10-06	12:00:00"	6.3703	186.16	77.399	34.012	677.02	26.444	0
"2014-10-06	13:00:00"	5.3158	209.1	80.279	28.82	799.5	26.441	0
"2014-10-06	14:00:00"	5.8527	231.48	83.074	25.146	853.08	26.409	0
"2014-10-06	15:00:00"	7.2756	229.04	84.928	21.154	835.59	26.394	0
"2014-10-06	16:00:00"	7.1793	238	86.348	18.452	746.21	26.379	0
"2014-10-06	17:00:00"	7.8069	235.06	86.871	15.046	603.85	26.373	0
"2014-10-06	18:00:00"	8.3444	231.2	86.517	13.589	407.52	26.37	0
"2014-10-06	19:00:00"	7.8759	223.92	84.797	13.728	188.91	26.364	0
"2014-10-06	20:00:00"	5.2114	212.21	79.948	17.525	15.25	26.364	0
"2014-10-06	21:00:00"	5.3164	196.24	75.638	21.358	0.06487	26.373	0
"2014-10-06	22:00:00"	3.7984	220.12	72.868	24.068	0.06444	26.388	0
"2014-10-06	23:00:00"	3.4946	215.64	71.248	25.97	0.07843	26.394	0
"2014-10-07	00:00:00"	3.4449	227.64	67.855	31.028	0.07017	26.4	0
"2014-10-07	01:00:00"	4.6914	210.95	66.532	32.749	0.0668	26.394	0
"2014-10-07	02:00:00"	6.7058	192.24	68.472	29.8	0.07949	26.388	0
"2014-10-07	03:00:00"	4.3925	215.35	66.358	33.288	0.0672	26.385	0
"2014-10-07	04:00:00"	3.6698	220.57	64.066	36.987	0.08946	26.379	0
"2014-10-07	05:00:00"	5.1108	218.83	62.832	38.909	0.07144	26.382	0
"2014-10-07	06:00:00"	2.4594	253.07	60.282	42.386	0.09836	26.382	0
"2014-10-07	07:00:00"	1.4323	278.04	59.812	42.824	0.0884	26.382	0
"2014-10-07	08:00:00"	4.1918	224.61	60.694	40.157	3.5829	26.406	0
"2014-10-07	09:00:00"	4.6566	209.56	63.634	35.913	98.707	26.42	0
"2014-10-07	10:00:00"	3.7301	232.19	65.712	39.508	281.81	26.441	0
"2014-10-07	11:00:00"	4.1967	259.3	72.708	31.748	497.25	26.456	0
"2014-10-07	12:00:00"	5.4115	234.14	79.415	25.242	688.32	26.45	0
"2014-10-07	13:00:00"	5.5563	214.65	83.45	20.626	797.97	26.438	0
"2014-10-07	14:00:00"	6.9594	251.42	86.474	16.681	865.35	26.42	0
"2014-10-07	15:00:00"	6.5039	263.87	87.975	16.148	838.45	26.406	0
"2014-10-07	16:00:00"	5.7396	251.97	88.671	15.183	724.58	26.391	0
"2014-10-07	17:00:00"	5.8956	255.36	88.089	15.63	501.96	26.382	0
"2014-10-07	18:00:00"	5.7725	257.44	88.208	14.895	379.06	26.382	0
"2014-10-07	19:00:00"	6.1273	188.83	85.791	18.788	175.59	26.376	0
"2014-10-07	20:00:00"	3.8985	182.52	78.584	29.039	15.367	26.385	0
"2014-10-07	21:00:00"	3.9146	184.05	74.591	28.68	0.07886	26.394	0
"2014-10-07	22:00:00"	3.7326	172.95	73.306	27.225	0.05935	26.409	0
"2014-10-07	23:00:00"	2.6676	171.04	71.501	26.516	0.07801	26.415	0
"2014-10-08	00:00:00"	1.7181	173.72	69.796	30.227	0.07864	26.418	0
"2014-10-08	01:00:00"	5.1114	171.97	68.17	38.186	0.08924	26.423	0
"2014-10-08	02:00:00"	4.8262	167.97	66.766	57.22	0.07504	26.415	0
"2014-10-08	03:00:00"	4.6211	178.68	64.844	67.976	0.07292	26.42	0

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"2014-10-08	04:00:00"	4.5459	183.22	64.361	72.695	0.07186	26.412	0
"2014-10-08	05:00:00"	4.4857	187.5	63.662	76.961	0.06465	26.406	0
"2014-10-08	06:00:00"	5.1623	206.29	63.76	77.476	0.0725	26.412	0
"2014-10-08	07:00:00"	4.1141	195.81	62.518	79.155	0.07843	26.418	0
"2014-10-08	08:00:00"	3.7003	241.92	61.503	82.097	1.2986	26.432	0
"2014-10-08	09:00:00"	3.0304	249.26	61.012	84.081	82.431	26.444	0
"2014-10-08	10:00:00"	6.2622	199.84	65.659	75.093	255.94	26.459	0
"2014-10-08	11:00:00"	8.3562	191.01	70.684	63.083	467.21	26.462	0
"2014-10-08	12:00:00"	8.4637	193.73	75.851	51.326	620.12	26.465	0
"2014-10-08	13:00:00"	8.7153	190.84	80.284	39.027	782.46	26.45	0
"2014-10-08	14:00:00"	10.156	186.9	83.802	29.193	823.72	26.426	0
"2014-10-08	15:00:00"	10.16	198.07	86.531	23.858	808.51	26.4	0
"2014-10-08	16:00:00"	11.402	197.56	87.687	21.843	758.83	26.388	0
"2014-10-08	17:00:00"	11.365	188.04	88.12	20.571	607.87	26.367	0
"2014-10-08	18:00:00"	10.95	180.99	87.276	23.403	372.76	26.364	0
"2014-10-08	19:00:00"	7.9834	180.37	85.43	25.741	156.95	26.361	0
"2014-10-08	20:00:00"	7.1601	149.63	81.26	31.501	11.334	26.367	0
"2014-10-08	21:00:00"	9.0061	146.3	78.457	34.424	0.08076	26.385	0
"2014-10-08	22:00:00"	8.4345	141.52	75.361	41.751	0.07758	26.391	0
"2014-10-08	23:00:00"	10.576	148.17	73.483	53.746	0.08034	26.397	0
"2014-10-09	00:00:00"	9.5411	154.31	71.619	59.512	0.08734	26.391	0
"2014-10-09	01:00:00"	8.5165	166.09	70.229	59.096	0.06953	26.382	0
"2014-10-09	02:00:00"	10.315	168.86	69.485	56.486	0.06635	26.373	0
"2014-10-09	03:00:00"	9.9649	173.23	68.368	56.166	0.06593	26.37	0
"2014-10-09	04:00:00"	7.6752	178.87	66.433	59.863	0.06953	26.364	0
"2014-10-09	05:00:00"	6.8195	176.02	65.288	62.595	0.07144	26.358	0
"2014-10-09	06:00:00"	9.4809	172.75	66.594	63.568	0.05702	26.364	0
"2014-10-09	07:00:00"	10.364	165.42	66.516	67.07	0.09793	26.364	0
"2014-10-09	08:00:00"	7.3794	179.93	65.672	71.284	1.4921	26.367	0
"2014-10-09	09:00:00"	6.822	192.73	65.184	73.556	81.234	26.382	0
"2014-10-09	10:00:00"	11.018	192.86	68.05	69.237	189.38	26.391	0
"2014-10-09	11:00:00"	14.228	189.89	71.591	61.311	470.39	26.394	0
"2014-10-09	12:00:00"	13.967	191.16	75.278	53.156	642.82	26.397	0
"2014-10-09	13:00:00"	9.4778	202.78	78.78	45.556	757.47	26.388	0
"2014-10-09	14:00:00"	7.9554	206.31	81.607	39.169	814.41	26.367	0
"2014-10-09	15:00:00"	8.3152	210.64	83.93	33.403	797.1	26.329	0
"2014-10-09	16:00:00"	11.041	219.1	86.464	27.067	708.44	26.323	0
"2014-10-09	17:00:00"	10.612	216.93	86.677	27.531	556.89	26.317	0
"2014-10-09	18:00:00"	9.9786	220.4	86.414	27.818	354.54	26.308	0
"2014-10-09	19:00:00"	7.2141	227.67	85.34	28.512	163.95	26.311	0
"2014-10-09	20:00:00"	2.0338	218.82	80.321	34.856	10.282	26.323	0
"2014-10-09	21:00:00"	2.9944	200.65	78.857	36.533	0.08225	26.335	0
"2014-10-09	22:00:00"	3.4343	206.91	76.428	40.906	0.07165	26.356	0
"2014-10-09	23:00:00"	9.0093	181.6	74.878	52.631	0.08119	26.358	0
"2014-10-10	00:00:00"	7.8393	176.15	71.883	62.794	0.08416	26.353	0
"2014-10-10	01:00:00"	7.4389	162	70.31	67.767	0.07293	26.35	0
"2014-10-10	02:00:00"	4.7069	168.54	68.415	73.43	0.07334	26.35	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-10	03:00:00"	3.5928	196.7	67.01	77.528	0.07377	26.364	0
"2014-10-10	04:00:00"	2.9751	204.11	66.467	79.573	0.08055	26.356	0
"2014-10-10	05:00:00"	3.2746	219.09	66.609	79.994	0.10981	26.358	0
"2014-10-10	06:00:00"	1.9915	247.88	65.987	81.773	0.07334	26.361	0
"2014-10-10	07:00:00"	1.3689	275.29	63.98	84.741	0.08161	26.37	0
"2014-10-10	08:00:00"	2.0835	310.94	60.129	88.44	1.561	26.391	0
"2014-10-10	09:00:00"	6.7934	354.93	60.699	87.373	75.681	26.406	0
"2014-10-10	10:00:00"	11.262	7.5217	62.717	79.236	258.37	26.418	0
"2014-10-10	11:00:00"	10.996	8.7424	66.03	69.127	467.58	26.435	0
"2014-10-10	12:00:00"	10.038	11.739	69.652	61.168	641.58	26.435	0
"2014-10-10	13:00:00"	9.643	11.491	72.375	54.966	759.64	26.435	0
"2014-10-10	14:00:00"	7.3763	8.7677	74.896	49.007	816.45	26.429	0
"2014-10-10	15:00:00"	8.3313	20.166	75.776	46.911	719.94	26.423	0
"2014-10-10	16:00:00"	10.497	20.706	75.094	49.496	491.83	26.432	0
"2014-10-10	17:00:00"	13.102	34.255	73.096	53.047	535.49	26.435	0
"2014-10-10	18:00:00"	14.177	34.712	69.988	56.078	354.49	26.444	0
"2014-10-10	19:00:00"	14.162	32.093	66.961	59.207	148.29	26.459	0
"2014-10-10	20:00:00"	12.653	31.277	63.08	64.943	8.1631	26.483	0
"2014-10-10	21:00:00"	12.012	28.278	60.419	69.065	0.06338	26.503	0
"2014-10-10	22:00:00"	13.209	29.248	58.021	71.678	0.09751	26.53	0
"2014-10-10	23:00:00"	11.046	27.407	56.056	73.607	0.08543	26.55	0
"2014-10-11	00:00:00"	9.3771	24.66	54.094	75.028	0.07652	26.562	0
"2014-10-11	01:00:00"	9.2423	11.493	53.593	74.144	0.07419	26.568	0
"2014-10-11	02:00:00"	9.4492	8.5551	53.354	72.711	0.08331	26.562	0
"2014-10-11	03:00:00"	9.2876	7.2843	51.768	72.991	0.10027	26.583	0
"2014-10-11	04:00:00"	10.071	4.201	50.989	73.157	0.07992	26.577	0
"2014-10-11	05:00:00"	8.857	7.0845	49.713	74.062	0.09009	26.577	0
"2014-10-11	06:00:00"	9.0938	10.376	49.531	75.003	0.07589	26.589	0
"2014-10-11	07:00:00"	6.8879	14.702	49.903	75.107	0.07017	26.592	0
"2014-10-11	08:00:00"	7.7417	16.354	50.093	75.1	0.5556	26.604	0
"2014-10-11	09:00:00"	7.4018	6.7381	50.208	74.814	23.644	26.624	0
"2014-10-11	10:00:00"	8.2767	6.9129	50.727	73.503	100.99	26.63	0
"2014-10-11	11:00:00"	7.8249	21.233	52.689	69.097	306.22	26.633	0
"2014-10-11	12:00:00"	7.956	20.518	55.13	63.839	518.09	26.624	0
"2014-10-11	13:00:00"	6.5853	18.905	57.473	58.706	706.14	26.609	0
"2014-10-11	14:00:00"	5.3065	356.89	59.183	54.29	801.23	26.583	0
"2014-10-11	15:00:00"	4.4844	350.37	62.092	49.135	804.64	26.55	0
"2014-10-11	16:00:00"	3.6375	5.6081	64.499	44.927	688.58	26.53	0
"2014-10-11	17:00:00"	3.9923	128.48	65.808	43.199	551.85	26.512	0
"2014-10-11	18:00:00"	3.4157	144.97	66.736	42.284	371.97	26.497	0
"2014-10-11	19:00:00"	4.2682	163.89	66.384	43.854	154.37	26.491	0
"2014-10-11	20:00:00"	4.5037	151.26	63.942	49.224	7.3682	26.491	0
"2014-10-11	21:00:00"	4.1607	134.76	61.666	52.759	0.07504	26.497	0
"2014-10-11	22:00:00"	5.2661	123.56	59.392	56.351	0.07822	26.494	0
"2014-10-11	23:00:00"	6.0298	142.11	57.94	58.93	0.09221	26.497	0
"2014-10-12	00:00:00"	5.99	151.3	56.057	63.957	0.07229	26.483	0
"2014-10-12	01:00:00"	7.0609	154.33	54.598	67.468	0.07991	26.462	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-12	02:00:00"	6.6052	162.11	53.055	71.054	0.07928	26.441	0
"2014-10-12	03:00:00"	5.5457	187.9	51.332	74.476	0.08946	26.426	0
"2014-10-12	04:00:00"	4.2856	223.23	51.332	74.196	0.08416	26.418	0
"2014-10-12	05:00:00"	4.6404	227.58	50.913	75.308	0.1009	26.394	0
"2014-10-12	06:00:00"	5.514	231.37	50.826	75.173	0.08776	26.376	0
"2014-10-12	07:00:00"	5.6383	232.41	51.035	74.393	0.09518	26.367	0
"2014-10-12	08:00:00"	4.9498	238.3	49.817	77.159	1.6528	26.361	0
"2014-10-12	09:00:00"	6.2591	218.17	50.765	76.659	80.014	26.358	0
"2014-10-12	10:00:00"	7.0171	213.03	55.347	71.703	264.48	26.367	0
"2014-10-12	11:00:00"	7.59	223.32	61.779	59.354	473.56	26.361	0
"2014-10-12	12:00:00"	9.5511	225	69.172	46.854	650.05	26.332	0
"2014-10-12	13:00:00"	10.795	214.82	75.717	37.271	765.47	26.299	0
"2014-10-12	14:00:00"	13.362	235.62	80.281	29.486	809.38	26.255	0
"2014-10-12	15:00:00"	14.797	253.42	82.402	25.029	775.24	26.196	0
"2014-10-12	16:00:00"	16.592	252.19	82.633	23.064	642.38	26.169	0
"2014-10-12	17:00:00"	15.875	246	82.704	22.991	537.79	26.158	0
"2014-10-12	18:00:00"	15.917	244.24	81.869	23.971	336.79	26.143	0
"2014-10-12	19:00:00"	12.471	248.57	80.478	23.444	142.34	26.149	0
"2014-10-12	20:00:00"	8.9956	238.33	76.891	25.599	6.2015	26.146	0
"2014-10-12	21:00:00"	7.3303	222.19	73.586	28.63	0.0761	26.161	0
"2014-10-12	22:00:00"	8.1611	259.57	72.553	28.521	0.07992	26.217	0
"2014-10-12	23:00:00"	15.348	338.8	70.405	33.186	0.09221	26.24	0
"2014-10-13	00:00:00"	11.105	8.2729	58.302	71.37	0.06847	26.24	0.03
"2014-10-13	01:00:00"	9.7512	348.99	56.364	79.644	0.08246	26.285	0
"2014-10-13	02:00:00"	17.331	352.42	55.89	72.042	0.07758	26.332	0
"2014-10-13	03:00:00"	17.521	352.72	52.478	68.098	0.07144	26.373	0
"2014-10-13	04:00:00"	19.319	349.43	51.192	66.264	0.05829	26.388	0
"2014-10-13	05:00:00"	17.036	346.69	51.276	64.929	0.09836	26.412	0
"2014-10-13	06:00:00"	10.623	330.38	49.564	69.181	0.10239	26.441	0
"2014-10-13	07:00:00"	8.2692	318.55	47.274	75.535	0.0867	26.477	0
"2014-10-13	08:00:00"	10.194	333.13	48.451	68.521	1.5212	26.506	0
"2014-10-13	09:00:00"	9.9245	330.76	49.696	64.481	82.303	26.539	0
"2014-10-13	10:00:00"	13.258	332.73	52.718	55.548	270.21	26.553	0
"2014-10-13	11:00:00"	20.282	357.81	56.537	41.624	483.79	26.568	0
"2014-10-13	12:00:00"	20.791	1.1857	59.824	33.357	661.23	26.583	0
"2014-10-13	13:00:00"	19.875	358.22	62.285	29.699	780.68	26.577	0
"2014-10-13	14:00:00"	18.472	356.31	64.331	26.194	832.5	26.556	0
"2014-10-13	15:00:00"	17.161	357.98	65.761	24.061	813.01	26.53	0
"2014-10-13	16:00:00"	16.472	353.56	66.934	22.177	721.34	26.524	0
"2014-10-13	17:00:00"	13.735	355.45	67.419	21.531	567.71	26.527	0
"2014-10-13	18:00:00"	11.951	1.3504	67.317	21.8	370.76	26.527	0
"2014-10-13	19:00:00"	9.4542	6.7466	66.298	23.146	159.75	26.536	0
"2014-10-13	20:00:00"	2.4538	17.094	59.215	34.169	5.1719	26.545	0
"2014-10-13	21:00:00"	1.4733	27.182	53.135	43.478	0.0903	26.565	0
"2014-10-13	22:00:00"	2.1065	75.601	53.488	41.686	0.08352	26.58	0
"2014-10-13	23:00:00"	3.0429	77.709	52.19	44.287	0.08861	26.592	0
"2014-10-14	00:00:00"	2.3625	82.844	50.256	48.529	0.08267	26.604	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-14	01:00:00"	1.9073	53.62	48.101	52.673	0.07187	26.604	0
"2014-10-14	02:00:00"	1.6647	35.363	46.054	57.092	0.10451	26.607	0
"2014-10-14	03:00:00"	2.0369	325.91	44.577	60.456	0.0903	26.612	0
"2014-10-14	04:00:00"	2.6974	329.77	41.805	67.458	0.07652	26.609	0
"2014-10-14	05:00:00"	2.7011	318.63	40.555	70.203	0.08394	26.607	0
"2014-10-14	06:00:00"	2.7191	339.69	41.591	67.493	0.12676	26.618	0
"2014-10-14	07:00:00"	2.2338	327.75	41.12	67.658	0.10472	26.636	0
"2014-10-14	08:00:00"	1.9393	327.07	41.299	65.632	1.3673	26.645	0
"2014-10-14	09:00:00"	2.0039	314	44.357	64.103	81.42	26.663	0
"2014-10-14	10:00:00"	2.9671	231.01	54.608	43.377	268.44	26.677	0
"2014-10-14	11:00:00"	4.8088	194.22	59.718	33.886	480.39	26.686	0
"2014-10-14	12:00:00"	6.9401	185.7	63.46	27.159	656.46	26.68	0
"2014-10-14	13:00:00"	8.4519	191.53	65.627	24.769	776.84	26.663	0
"2014-10-14	14:00:00"	7.3974	209.14	67.749	23.84	830.28	26.633	0
"2014-10-14	15:00:00"	7.8616	200.51	69.429	22.595	810.91	26.601	0
"2014-10-14	16:00:00"	7.5677	207.81	70.936	21.266	720.33	26.583	0
"2014-10-14	17:00:00"	6.4989	228.2	71.902	20.172	567.61	26.568	0
"2014-10-14	18:00:00"	4.9716	215.27	72.291	20.035	368.3	26.568	0
"2014-10-14	19:00:00"	5.6843	190.65	70.934	21.703	152.97	26.562	0
"2014-10-14	20:00:00"	2.1661	183.15	65.443	30.574	4.7867	26.559	0
"2014-10-14	21:00:00"	1.001	176.99	61.492	33.603	0.08246	26.565	0
"2014-10-14	22:00:00"	0.77858	172.1	59.803	33.084	0.07864	26.577	0
"2014-10-14	23:00:00"	0.8898	172.38	57.933	36.123	0.08882	26.577	0
"2014-10-15	00:00:00"	0.74067	179.34	57.085	35.71	0.10366	26.577	0
"2014-10-15	01:00:00"	1.1371	301.99	55.484	37.746	0.07568	26.571	0
"2014-10-15	02:00:00"	1.6081	8.2237	52.865	41.116	0.08373	26.571	0
"2014-10-15	03:00:00"	0.95878	351.67	52.1	42.641	0.08119	26.574	0
"2014-10-15	04:00:00"	0.8606	275.58	52.95	40.095	0.08988	26.562	0
"2014-10-15	05:00:00"	3.4536	216.04	56.156	34.995	0.08861	26.55	0
"2014-10-15	06:00:00"	2.9478	209.91	54.949	36.926	0.0672	26.559	0
"2014-10-15	07:00:00"	3.5244	244.61	54.554	37.529	0.08267	26.571	0
"2014-10-15	08:00:00"	2.5806	309.24	47.617	53.15	1.2787	26.577	0
"2014-10-15	09:00:00"	1.5373	328.98	46.462	58.869	80.173	26.58	0
"2014-10-15	10:00:00"	2.6408	123.33	57.404	43.286	268.37	26.595	0
"2014-10-15	11:00:00"	3.3417	170.45	64.453	32.814	480.41	26.595	0
"2014-10-15	12:00:00"	6.0012	182.24	70.383	25.839	657.07	26.592	0
"2014-10-15	13:00:00"	6.8394	191.73	74.143	20.868	778.16	26.577	0
"2014-10-15	14:00:00"	6.8463	194.1	76.481	18.5	830.25	26.547	0
"2014-10-15	15:00:00"	7.3477	204.72	78.078	17.315	809.11	26.521	0
"2014-10-15	16:00:00"	8.3618	202.92	79.058	16.622	718.02	26.503	0
"2014-10-15	17:00:00"	8.4506	198.43	79.528	16.333	564.5	26.483	0
"2014-10-15	18:00:00"	8.2599	192.95	78.943	16.518	364.42	26.48	0
"2014-10-15	19:00:00"	7.2812	189.19	76.951	18.491	149.62	26.477	0
"2014-10-15	20:00:00"	2.5545	182.59	70.108	26.093	4.2544	26.477	0
"2014-10-15	21:00:00"	1.9461	180.55	66.503	28.111	0.07398	26.48	0
"2014-10-15	22:00:00"	2.501	173.87	63.965	29.611	0.0744	26.48	0
"2014-10-15	23:00:00"	3.7525	178.2	61.62	32.648	0.07822	26.477	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-16	00:00:00"	2.081	173.12	60.282	33.937	0.06338	26.468	0
"2014-10-16	01:00:00"	2.5557	179.99	59.87	33.628	0.08034	26.462	0
"2014-10-16	02:00:00"	6.4691	198.88	60.728	32.026	0.08606	26.447	0
"2014-10-16	03:00:00"	6.8506	201.19	60.217	34.421	0.06953	26.438	0
"2014-10-16	04:00:00"	5.6768	200.11	58.272	38.649	0.09581	26.426	0
"2014-10-16	05:00:00"	4.1675	211.37	57.124	41.064	0.09052	26.412	0
"2014-10-16	06:00:00"	4.0526	221.38	56.378	42.446	0.09073	26.415	0
"2014-10-16	07:00:00"	4.2036	224.63	55.055	45.251	0.07568	26.42	0
"2014-10-16	08:00:00"	3.4747	241.66	52.143	51.051	1.1971	26.423	0
"2014-10-16	09:00:00"	2.1953	245.08	51.966	54.261	79.953	26.432	0
"2014-10-16	10:00:00"	4.075	259.57	58.357	44.516	267.01	26.444	0
"2014-10-16	11:00:00"	4.6174	259.44	66.827	33.675	480.57	26.447	0
"2014-10-16	12:00:00"	4.8256	240.69	73.49	29.897	656.55	26.45	0
"2014-10-16	13:00:00"	8.0511	281.59	81.381	20.57	773.63	26.444	0
"2014-10-16	14:00:00"	8.1182	300.23	84.528	17.181	822.76	26.426	0
"2014-10-16	15:00:00"	7.9871	303.12	86.979	14.924	801.41	26.4	0
"2014-10-16	16:00:00"	6.6741	317.95	87.802	14.242	708.57	26.385	0
"2014-10-16	17:00:00"	5.6849	318.64	88.14	13.614	554.16	26.379	0
"2014-10-16	18:00:00"	5.8974	298.05	87.55	13.014	358.06	26.373	0
"2014-10-16	19:00:00"	3.3368	282.69	85.381	14.999	144.47	26.373	0
"2014-10-16	20:00:00"	1.6063	225.22	79.917	18.209	3.674	26.382	0
"2014-10-16	21:00:00"	2.9944	222.27	77.706	18.814	0.07907	26.391	0
"2014-10-16	22:00:00"	4.2415	217.77	76.206	20.623	0.07716	26.385	0
"2014-10-16	23:00:00"	3.4412	299.43	70.511	26.748	0.09687	26.391	0
"2014-10-17	00:00:00"	2.3289	300.44	64.958	32.73	0.05893	26.391	0
"2014-10-17	01:00:00"	2.1009	289.82	63.859	34.855	0.07716	26.385	0
"2014-10-17	02:00:00"	2.25	309.9	60.72	40.083	0.07652	26.388	0
"2014-10-17	03:00:00"	1.9729	129.17	60.726	41.771	0.07123	26.379	0
"2014-10-17	04:00:00"	1.4633	66.064	55.361	50.547	0.05808	26.376	0
"2014-10-17	05:00:00"	3.8643	30.869	57.397	45.771	0.07992	26.376	0
"2014-10-17	06:00:00"	5.7874	11.513	55.795	48.223	0.08712	26.391	0
"2014-10-17	07:00:00"	7.07	20.891	54.251	51.21	0.08522	26.403	0
"2014-10-17	08:00:00"	6.9252	34.22	52.305	56.719	0.94861	26.418	0
"2014-10-17	09:00:00"	7.7696	37.995	53.419	57.297	72.109	26.447	0
"2014-10-17	10:00:00"	10.618	60.931	61.245	47.503	251.33	26.465	0
"2014-10-17	11:00:00"	10.378	69.808	66.583	42.26	454.24	26.474	0
"2014-10-17	12:00:00"	8.7358	72.896	71.122	37.413	626.18	26.474	0
"2014-10-17	13:00:00"	6.7555	82.371	75.658	32.625	736.89	26.468	0
"2014-10-17	14:00:00"	4.6298	94.829	78.909	29.508	783.51	26.447	0
"2014-10-17	15:00:00"	4.8927	122.73	81.873	26.744	765.08	26.423	0
"2014-10-17	16:00:00"	5.5613	111.68	83.275	25.078	673.53	26.409	0
"2014-10-17	17:00:00"	8.4202	108.61	83.39	25.957	520.59	26.406	0
"2014-10-17	18:00:00"	10.599	99.949	81.777	28.391	327.52	26.412	0
"2014-10-17	19:00:00"	9.2758	100.62	78.91	32.187	121.19	26.426	0
"2014-10-17	20:00:00"	7.4602	92.106	73.154	39.998	3.6121	26.441	0
"2014-10-17	21:00:00"	9.7711	82.336	69.508	44.707	0.0549	26.456	0
"2014-10-17	22:00:00"	11.301	79.523	67.047	47.273	0.07758	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-17	23:00:00"	13.563	78.576	65.653	46.04	0.06974	26.48	0
"2014-10-18	00:00:00"	13.053	79.517	63.917	45.966	0.06677	26.491	0
"2014-10-18	01:00:00"	10.791	76.89	61.817	47.752	0.08712	26.494	0
"2014-10-18	02:00:00"	8.0293	60.553	58.606	52.432	0.06953	26.488	0
"2014-10-18	03:00:00"	10.855	70.69	57.392	51.408	0.09369	26.48	0
"2014-10-18	04:00:00"	8.9347	43.962	55.296	52.776	0.09073	26.491	0
"2014-10-18	05:00:00"	9.6561	47.563	54.22	54.651	0.05851	26.494	0
"2014-10-18	06:00:00"	10.717	56.349	54.629	55.944	0.07059	26.506	0
"2014-10-18	07:00:00"	11.042	53.799	55.278	58.623	0.07907	26.533	0
"2014-10-18	08:00:00"	9.735	39.955	55.008	60.904	0.46	26.556	0
"2014-10-18	09:00:00"	11.092	34.652	55.213	59.471	35.707	26.58	0
"2014-10-18	10:00:00"	9.6356	46.547	52.967	72.302	32.604	26.595	0.03
"2014-10-18	11:00:00"	11.72	54.186	53.362	74.94	124.42	26.601	0
"2014-10-18	12:00:00"	15.132	79.175	56.789	65.147	363.19	26.586	0.01
"2014-10-18	13:00:00"	14.425	82.595	60.878	55.497	444.85	26.583	0
"2014-10-18	14:00:00"	12.573	89.781	64.345	50.515	624.34	26.568	0
"2014-10-18	15:00:00"	10.349	89.937	66.786	48.131	492.55	26.553	0
"2014-10-18	16:00:00"	9.7767	90.979	67.433	49.283	452.86	26.545	0
"2014-10-18	17:00:00"	10.075	81.825	69.14	46.629	454.51	26.533	0
"2014-10-18	18:00:00"	11.096	79.403	69.42	45.366	284.89	26.53	0
"2014-10-18	19:00:00"	10.092	68.338	66.82	49.133	54.882	26.533	0
"2014-10-18	20:00:00"	8.519	68.496	64.064	53.321	1.8512	26.547	0
"2014-10-18	21:00:00"	7.5963	64.809	62.02	57.575	0.06508	26.556	0
"2014-10-18	22:00:00"	8.3102	62.175	60.285	60.422	0.07419	26.556	0
"2014-10-18	23:00:00"	7.426	56.873	58.306	64.857	0.07695	26.559	0
"2014-10-19	00:00:00"	7.4571	58.306	56.694	69.499	0.10472	26.562	0
"2014-10-19	01:00:00"	6.7673	55.135	56.163	70.27	0.07123	26.553	0
"2014-10-19	02:00:00"	6.1267	41.024	54.715	74.052	0.07271	26.547	0
"2014-10-19	03:00:00"	6.1118	47.076	54.628	73.043	0.07568	26.542	0
"2014-10-19	04:00:00"	4.3359	45.326	53.205	76.008	0.08246	26.533	0
"2014-10-19	05:00:00"	3.763	57.234	51.55	79.599	0.08988	26.527	0
"2014-10-19	06:00:00"	3.0584	51.144	51.121	80.653	0.09878	26.527	0
"2014-10-19	07:00:00"	3.3573	56.329	50.683	81.805	0.07589	26.533	0
"2014-10-19	08:00:00"	4.2259	55.984	52.759	78.719	0.84219	26.545	0
"2014-10-19	09:00:00"	4.0799	50.926	54.046	76.583	25.104	26.562	0
"2014-10-19	10:00:00"	5.6694	74.057	56.3	73.063	106.61	26.571	0
"2014-10-19	11:00:00"	6.855	102.73	60.221	70.557	256.73	26.562	0
"2014-10-19	12:00:00"	9.361	141.16	64.895	68.986	344.19	26.547	0
"2014-10-19	13:00:00"	12.305	171.06	69.727	63.634	465.17	26.53	0
"2014-10-19	14:00:00"	11.716	161.06	70.617	62.566	311.74	26.509	0
"2014-10-19	15:00:00"	9.507	172.93	72.025	58.615	485.16	26.485	0
"2014-10-19	16:00:00"	5.8446	164.27	73.545	54.266	430.14	26.465	0
"2014-10-19	17:00:00"	5.8906	141.58	74.952	48.796	332.43	26.456	0
"2014-10-19	18:00:00"	8.35	121.8	76.031	45.204	341.29	26.447	0
"2014-10-19	19:00:00"	9.1547	138.31	75.516	44.711	136.45	26.456	0
"2014-10-19	20:00:00"	8.8955	126.45	71.956	55.294	2.8706	26.471	0
"2014-10-19	21:00:00"	8.9527	119.21	67.788	64.082	0.09052	26.474	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-19	22:00:00"	7.5267	136.24	65.945	68.987	0.0672	26.488	0
"2014-10-19	23:00:00"	4.2148	90.561	62.898	73.17	0.08013	26.512	0
"2014-10-20	00:00:00"	5.8291	130.78	62.23	72.993	0.07038	26.497	0
"2014-10-20	01:00:00"	3.4384	104.11	60.957	77.035	0.06363	26.503	0
"2014-10-20	02:00:00"	3.3883	114.33	59.748	80.385	0.06677	26.497	0
"2014-10-20	03:00:00"	2.3159	102.06	57.616	83.736	0.0867	0	0
"2014-10-20	04:00:00"	0.97058	61.442	56.025	87.555	0.06762	26.5	0
"2014-10-20	05:00:00"	1.3123	31.798	55.55	88.275	0.08119	26.497	0
"2014-10-20	06:00:00"	1.0352	88.251	54.726	89.875	0.07886	26.5	0
"2014-10-20	07:00:00"	0.94076	26.117	54.41	90.32	0.07907	26.512	0
"2014-10-20	08:00:00"	1.2583	339.63	53.46	90.701	0.74977	26.518	0
"2014-10-20	09:00:00"	2.176	23.256	53.088	91.463	58.15	26.533	0
"2014-10-20	10:00:00"	4.513	65.14	58.277	88.272	257.36	26.547	0
"2014-10-20	11:00:00"	7.229	110.51	63.862	76.624	333.05	26.545	0
"2014-10-20	12:00:00"	7.4359	126.23	67.147	69.432	592.62	26.545	0
"2014-10-20	13:00:00"	7.9591	111.87	69.495	62.753	566.21	26.533	0
"2014-10-20	14:00:00"	8.7564	130	71.009	58.978	576.14	26.512	0
"2014-10-20	15:00:00"	10.61	120.64	73.127	50.871	624.7	26.488	0
"2014-10-20	16:00:00"	10.463	112.95	73.472	47.282	330.83	26.48	0
"2014-10-20	17:00:00"	11.23	115.07	72.838	48.673	184.44	26.474	0
"2014-10-20	18:00:00"	11.273	130.33	72.031	47.252	92.76	26.48	0
"2014-10-20	19:00:00"	9.4722	144.06	70.83	46.293	32.008	26.48	0
"2014-10-20	20:00:00"	3.8587	140.72	68.684	53.618	0.89879	26.494	0
"2014-10-20	21:00:00"	2.8509	157.65	67.27	58.283	0.06614	26.506	0
"2014-10-20	22:00:00"	1.2744	240.12	65.215	65.482	0.05935	26.515	0
"2014-10-20	23:00:00"	0.91155	6.6153	61.531	74.17	0.06677	26.527	0
"2014-10-21	00:00:00"	0.91155	28.127	61.297	76.617	0.06402	26.521	0
"2014-10-21	01:00:00"	2.0319	34.062	60.376	79.3	0.08352	26.515	0
"2014-10-21	02:00:00"	2.5675	46.358	57.713	79.667	0.0744	26.512	0
"2014-10-21	03:00:00"	2.8658	98.264	58.428	75.124	0.07377	26.509	0
"2014-10-21	04:00:00"	5.849	135.63	61.197	68.442	0.08691	26.509	0
"2014-10-21	05:00:00"	2.8832	107.53	59.812	72.473	0.0867	26.512	0
"2014-10-21	06:00:00"	2.4401	79.713	58.981	75.464	0.09348	26.515	0
"2014-10-21	07:00:00"	1.4522	87.237	59.244	76.955	0.06487	26.515	0
"2014-10-21	08:00:00"	2.4874	100.37	58.78	79.179	0.47229	26.518	0
"2014-10-21	09:00:00"	5.5874	126.69	60.118	79.883	41.012	26.533	0
"2014-10-21	10:00:00"	7.7535	125.71	62.232	77.533	141.89	26.547	0
"2014-10-21	11:00:00"	8.3344	137.43	63.822	73.611	198.48	26.547	0
"2014-10-21	12:00:00"	10.692	156.8	65.311	72.345	252.62	26.547	0
"2014-10-21	13:00:00"	10.602	162.1	65.765	71.386	229.95	26.536	0
"2014-10-21	14:00:00"	9.6542	162.75	66.019	70.396	166.81	26.515	0
"2014-10-21	15:00:00"	10.411	187.09	66.302	70.513	314.17	26.491	0
"2014-10-21	16:00:00"	11.931	172.36	68.567	59.745	286.1	26.48	0
"2014-10-21	17:00:00"	11.946	167.62	68.516	56.127	146.64	26.48	0
"2014-10-21	18:00:00"	11.588	159.53	67.397	57.225	85.461	26.48	0
"2014-10-21	19:00:00"	7.7603	157.29	66.785	62.934	35.614	26.477	0
"2014-10-21	20:00:00"	5.6414	153.86	66.164	65.67	0.93186	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-21	21:00:00"	5.396	150.06	64.688	68.65	0.06677	26.488	0
"2014-10-21	22:00:00"	4.6684	161.65	63.782	71.35	0.08394	26.506	0
"2014-10-21	23:00:00"	4.1775	180.49	63.596	73.953	0.07652	26.509	0
"2014-10-22	00:00:00"	5.0741	179.07	63.682	75.251	0.0797	26.506	0
"2014-10-22	01:00:00"	5.5793	181.75	63.267	77.567	0.09242	26.503	0
"2014-10-22	02:00:00"	5.1126	182.88	62.405	81.199	0.06126	26.5	0
"2014-10-22	03:00:00"	5.6563	171.58	61.984	81.867	0.06359	26.5	0
"2014-10-22	04:00:00"	5.0952	180.91	61.743	83.527	0.06995	26.497	0
"2014-10-22	05:00:00"	6.7673	163.19	62.213	82.191	0.0672	26.494	0
"2014-10-22	06:00:00"	7.9946	160.29	62.333	82.335	0.08055	26.497	0
"2014-10-22	07:00:00"	9.2224	161.62	62.459	81.631	0.09179	26.512	0
"2014-10-22	08:00:00"	7.2483	161.19	61.868	83.557	0.16174	26.518	0
"2014-10-22	09:00:00"	6.5548	162.35	61.996	83.718	60.496	26.53	0
"2014-10-22	10:00:00"	10.305	173.72	63.716	78.978	165.71	26.553	0
"2014-10-22	11:00:00"	10.737	190.34	64.413	77.309	131.85	26.559	0
"2014-10-22	12:00:00"	8.3966	192.08	65.129	76.261	184.94	26.559	0
"2014-10-22	13:00:00"	7.0283	187.64	67.038	70.935	443.12	26.547	0
"2014-10-22	14:00:00"	6.5747	204.92	68.696	64.65	348.96	26.53	0
"2014-10-22	15:00:00"	5.2841	252.08	70.754	59.983	609.76	26.503	0
"2014-10-22	16:00:00"	4.664	227.29	72.854	51.96	539.53	26.494	0
"2014-10-22	17:00:00"	4.0836	264.73	74.137	50.127	509.3	26.488	0
"2014-10-22	18:00:00"	4.6665	219.65	73.971	49.682	246.86	26.494	0
"2014-10-22	19:00:00"	9.5455	148.99	68.375	71.17	53.915	26.506	0
"2014-10-22	20:00:00"	7.6814	148.54	65.95	74.428	5.1623	26.515	0
"2014-10-22	21:00:00"	5.483	130.31	63.803	79.026	0.09793	26.53	0
"2014-10-22	22:00:00"	2.4911	152.85	61.931	83.8	0.08161	26.539	0
"2014-10-22	23:00:00"	4.8069	152.8	60.531	82.985	0.10387	26.545	0
"2014-10-23	00:00:00"	4.1017	149.18	58.342	81.106	0.10959	26.55	0
"2014-10-23	01:00:00"	4.4552	164.19	56.427	81.877	0.0867	26.547	0
"2014-10-23	02:00:00"	4.4093	188.12	55.68	83.929	0.08861	26.545	0
"2014-10-23	03:00:00"	7.7485	195.04	56.994	88.795	0.09603	26.542	0
"2014-10-23	04:00:00"	5.8601	215.14	57.198	91.184	0.08437	26.536	0
"2014-10-23	05:00:00"	5.1878	211.02	57.261	91.754	0.08882	26.524	0
"2014-10-23	06:00:00"	6.1746	210.67	56.834	92.001	0.06953	26.53	0
"2014-10-23	07:00:00"	3.5002	209.92	56.695	92.247	0.06593	26.539	0
"2014-10-23	08:00:00"	3.2442	203.39	56.441	92.38	0.22512	26.547	0
"2014-10-23	09:00:00"	4.5969	193.78	56.702	92.489	18.803	26.565	0
"2014-10-23	10:00:00"	4.2769	180.17	57.028	92.464	93.328	26.586	0
"2014-10-23	11:00:00"	1.7753	179.93	57.649	92.213	190.63	26.592	0
"2014-10-23	12:00:00"	3.1081	216.97	58.958	91.751	310.79	26.604	0
"2014-10-23	13:00:00"	3.2976	242.78	60.903	87.327	605.43	26.592	0
"2014-10-23	14:00:00"	3.7065	223.5	69.015	63.364	741.06	26.562	0
"2014-10-23	15:00:00"	4.9902	213.57	75.549	48.428	721.32	26.536	0
"2014-10-23	16:00:00"	5.2593	210.87	77.413	42.612	635.7	26.521	0
"2014-10-23	17:00:00"	5.6346	205.91	78.472	39.218	485.2	26.518	0
"2014-10-23	18:00:00"	7.3794	185.82	77.535	41.85	235.79	26.518	0
"2014-10-23	19:00:00"	7.4807	192.48	75.627	42.581	86.845	26.53	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-23	20:00:00"	3.535	183.3	70.58	51.555	1.9663	26.542	0
"2014-10-23	21:00:00"	2.9099	181.52	66.869	56.836	0.08755	26.547	0
"2014-10-23	22:00:00"	1.5006	170.91	64.686	63.095	0.06699	26.556	0
"2014-10-23	23:00:00"	1.7218	176.65	63.195	68.393	0.10048	26.562	0
"2014-10-24	00:00:00"	2.1363	188.03	62.821	69.257	0.09475	26.571	0
"2014-10-24	01:00:00"	3.1684	181.04	61.189	74.985	0.0744	26.571	0
"2014-10-24	02:00:00"	4.8554	195.48	60.529	82.961	0.08988	26.571	0
"2014-10-24	03:00:00"	4.1141	202.04	60.122	85.891	0.09306	26.568	0
"2014-10-24	04:00:00"	3.3859	226.65	59.452	88.075	0.08098	26.562	0
"2014-10-24	05:00:00"	2.9851	237.71	58.568	90.153	0.07334	26.562	0
"2014-10-24	06:00:00"	2.8291	242.47	57.482	91.591	0.07144	26.562	0
"2014-10-24	07:00:00"	3.2721	243.35	56.731	91.952	0.07462	26.565	0
"2014-10-24	08:00:00"	3.3803	254.01	55.254	92.208	0.40043	26.58	0
"2014-10-24	09:00:00"	3.6499	252.08	54.781	92.359	41.517	26.595	0
"2014-10-24	10:00:00"	5.3742	235.12	56.904	92.354	192.16	26.615	0
"2014-10-24	11:00:00"	6.2541	225.6	60.321	91.447	370.8	26.624	0
"2014-10-24	12:00:00"	5.4569	217.22	67.82	72.163	578.17	26.627	0
"2014-10-24	13:00:00"	8.0175	211.05	74.619	50.815	694.11	26.618	0
"2014-10-24	14:00:00"	8.4339	197.09	78.257	41.012	740.99	26.592	0
"2014-10-24	15:00:00"	7.9194	208.8	80.498	35.521	721.32	26.571	0
"2014-10-24	16:00:00"	8.1648	201.62	81.732	31.292	633.62	26.559	0
"2014-10-24	17:00:00"	7.8342	202.17	82.459	29.342	485.6	26.553	0
"2014-10-24	18:00:00"	6.8376	206.89	82.068	30.947	297.16	26.55	0
"2014-10-24	19:00:00"	5.3488	205.39	80.429	31.139	102.45	26.556	0
"2014-10-24	20:00:00"	2.5004	181.17	74.125	41.235	1.8559	26.565	0
"2014-10-24	21:00:00"	2.2574	177.85	69.709	46.471	0.07483	26.577	0
"2014-10-24	22:00:00"	3.4306	173.63	67.894	47.352	0.07546	26.583	0
"2014-10-24	23:00:00"	4.2179	169.84	66.594	50.927	0.07123	26.586	0
"2014-10-25	00:00:00"	2.4507	174.58	64.563	54.762	0.09327	26.586	0
"2014-10-25	01:00:00"	4.0005	186.83	63.078	59.291	0.06574	26.592	0
"2014-10-25	02:00:00"	2.0443	179.49	61.078	67.432	0.08755	26.592	0
"2014-10-25	03:00:00"	2.5004	182.1	60.017	75.167	0.06487	26.592	0
"2014-10-25	04:00:00"	5.7514	201.03	60.924	78.203	0.08034	26.589	0
"2014-10-25	05:00:00"	4.8871	192.98	60.027	82.354	0.08182	26.58	0
"2014-10-25	06:00:00"	3.1907	178.69	58.199	87.678	0.06253	26.58	0
"2014-10-25	07:00:00"	2.5862	177.62	57.832	90.537	0.07123	26.583	0
"2014-10-25	08:00:00"	3.873	185.16	58.559	90.788	0.39237	26.592	0
"2014-10-25	09:00:00"	4.0395	232.98	59.061	90.161	58.344	26.609	0
"2014-10-25	10:00:00"	5.5246	204.74	61.496	85.017	217.53	26.627	0
"2014-10-25	11:00:00"	6.6971	195.85	67.225	71.485	412.2	26.63	0
"2014-10-25	12:00:00"	7.0128	188.97	72.667	56.426	577.82	26.621	0
"2014-10-25	13:00:00"	7.5242	190.19	77.093	43.247	692.71	26.615	0
"2014-10-25	14:00:00"	7.9051	200.58	80.218	37.094	739.56	26.589	0
"2014-10-25	15:00:00"	10.048	200.59	81.951	31.178	720.72	26.565	0
"2014-10-25	16:00:00"	9.9873	202.49	82.715	28.697	632.98	26.547	0
"2014-10-25	17:00:00"	9.1652	199.41	83.057	28.509	486.31	26.539	0
"2014-10-25	18:00:00"	8.6818	195.95	82.607	27.719	298.73	26.533	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-25	19:00:00"	6.5039	184.55	80.091	29.571	100.65	26.53	0
"2014-10-25	20:00:00"	3.3026	176.52	73.855	37.923	1.5778	26.527	0
"2014-10-25	21:00:00"	4.2079	172.26	70.924	41.429	0.09136	26.53	0
"2014-10-25	22:00:00"	4.3788	178.15	68.866	46.126	0.06699	26.53	0
"2014-10-25	23:00:00"	3.6773	180.05	68.202	44.888	0.08585	26.53	0
"2014-10-26	00:00:00"	5.647	175.88	66.02	51.536	0.08055	26.527	0
"2014-10-26	01:00:00"	4.2149	182.2	63.171	61.379	0.08244	26.512	0
"2014-10-26	02:00:00"	7.1166	191	62.995	65.366	0.08946	26.503	0
"2014-10-26	03:00:00"	7.9132	196.97	62.678	69.55	0.06169	26.491	0
"2014-10-26	04:00:00"	6.2995	194.05	61.246	73.764	0.07801	26.474	0
"2014-10-26	05:00:00"	3.9525	227.98	59.095	79.191	0.09666	26.465	0
"2014-10-26	06:00:00"	3.4505	222.1	59.12	79.981	0.09391	26.462	0
"2014-10-26	07:00:00"	6.6313	201.25	58.984	81.025	0.08712	26.456	0
"2014-10-26	08:00:00"	4.6447	219.8	57.688	83.717	0.41527	26.459	0
"2014-10-26	09:00:00"	6.0807	230.29	57.288	84.151	56.067	26.471	0
"2014-10-26	10:00:00"	6.5269	224.36	59.107	80.536	220.88	26.48	0
"2014-10-26	11:00:00"	5.8956	222.05	65.13	66.062	418.95	26.477	0
"2014-10-26	12:00:00"	5.9123	224.82	72.341	49.463	585.08	26.471	0
"2014-10-26	13:00:00"	7.3309	229.81	79.285	34.675	696.54	26.447	0
"2014-10-26	14:00:00"	6.9065	226.82	83.686	25.943	742.81	26.418	0
"2014-10-26	15:00:00"	6.1547	209.4	85.033	24.102	719.36	26.388	0
"2014-10-26	16:00:00"	6.7214	212.73	85.941	22.782	629.44	26.37	0
"2014-10-26	17:00:00"	6.2417	245.15	87.062	20.51	481.68	26.361	0
"2014-10-26	18:00:00"	6.3063	229.82	86.265	19.921	292.41	26.35	0
"2014-10-26	19:00:00"	4.7759	224.12	83.788	22.706	95.404	26.347	0
"2014-10-26	20:00:00"	5.1493	189.23	77.43	29.674	1.3088	26.353	0
"2014-10-26	21:00:00"	3.2585	181.38	72.629	34.2	0.07589	26.35	0
"2014-10-26	22:00:00"	3.6139	181	68.795	39.14	0.07652	26.344	0
"2014-10-26	23:00:00"	4.6969	187	67.561	40.635	0.08055	26.341	0
"2014-10-27	00:00:00"	6.7133	189.07	66.722	48.446	0.05999	26.338	0
"2014-10-27	01:00:00"	7.1389	187.64	65.949	62.555	0.06529	26.329	0
"2014-10-27	02:00:00"	6.2671	180	64.303	69.487	0.06974	26.314	0
"2014-10-27	03:00:00"	6.6362	188.94	63.49	72.858	0.08394	26.311	0
"2014-10-27	04:00:00"	6.5915	195.64	62.852	74.019	0.05766	26.302	0
"2014-10-27	05:00:00"	4.3204	201.19	60.827	78.676	0.09264	26.299	0
"2014-10-27	06:00:00"	6.1162	193.49	59.69	81.236	0.08755	26.296	0
"2014-10-27	07:00:00"	5.1922	190.03	58.622	83.133	0.08988	26.299	0
"2014-10-27	08:00:00"	4.9741	220.94	58.293	83.383	0.75677	26.305	0
"2014-10-27	09:00:00"	3.4847	235.63	56.431	86.269	44.556	26.326	0
"2014-10-27	10:00:00"	6.031	221.55	60.026	79.282	215.68	26.341	0
"2014-10-27	11:00:00"	6.5306	220.18	66.486	62.349	383.67	26.347	0
"2014-10-27	12:00:00"	7.9567	219.32	72.202	47.624	458.36	26.338	0
"2014-10-27	13:00:00"	9.4181	223.85	77.967	36.914	574.39	26.332	0
"2014-10-27	14:00:00"	11.646	255.44	82.779	26.59	593.67	26.311	0
"2014-10-27	15:00:00"	11.695	269.13	82.927	23.692	504.04	26.302	0
"2014-10-27	16:00:00"	13.77	262.53	83.457	22.062	577.79	26.294	0
"2014-10-27	17:00:00"	11.972	266.56	82.573	20.768	221.08	26.302	0

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"2014-10-27	18:00:00"	6.5337	242.07	80.646	24.095	103.44	26.299	0
"2014-10-27	19:00:00"	6.1186	223.15	78.831	26.214	23.426	26.305	0
"2014-10-27	20:00:00"	4.8082	225.87	76.075	29.342	0.223	26.32	0
"2014-10-27	21:00:00"	1.8629	233.88	73.711	32.254	0.08564	26.338	0
"2014-10-27	22:00:00"	3.6102	268.12	71.835	34.249	0.09921	26.353	0
"2014-10-27	23:00:00"	2.4445	282.34	69.247	38.086	0.08098	26.37	0
"2014-10-28	00:00:00"	4.2073	313.86	63.936	48.703	0.09581	26.385	0
"2014-10-28	01:00:00"	5.4768	307.54	65.514	46.247	0.0797	26.391	0
"2014-10-28	02:00:00"	9.689	349.5	61.557	53.173	0.07398	26.42	0
"2014-10-28	03:00:00"	15.359	30.375	57.082	59.002	0.07419	26.447	0
"2014-10-28	04:00:00"	15.628	31.483	54.67	59.454	0.08182	26.465	0
"2014-10-28	05:00:00"	12.86	36.991	52.923	61.006	0.07631	26.477	0
"2014-10-28	06:00:00"	13.831	32.502	50.864	61.246	0.07864	26.497	0
"2014-10-28	07:00:00"	10.962	23.984	49.045	57.188	0.07589	26.539	0
"2014-10-28	08:00:00"	9.9904	7.4294	46.799	54.271	0.22957	26.553	0
"2014-10-28	09:00:00"	9.9935	10.381	46.083	52.199	50.159	26.583	0
"2014-10-28	10:00:00"	11.53	22.117	49.585	47.371	211.85	26.604	0
"2014-10-28	11:00:00"	11.249	43.019	53.94	42.693	407.4	26.624	0
"2014-10-28	12:00:00"	9.5169	45.04	57.335	39.536	574.29	26.621	0
"2014-10-28	13:00:00"	8.148	37.93	60.112	37.899	687.52	26.604	0
"2014-10-28	14:00:00"	6.0298	70.069	62.674	36.963	735.07	26.577	0
"2014-10-28	15:00:00"	4.5161	77.779	65.234	35.128	713.52	26.556	0
"2014-10-28	16:00:00"	5.0176	40.037	66.734	34.022	625.51	26.545	0
"2014-10-28	17:00:00"	5.5439	52.773	68.156	32.869	478.51	26.536	0
"2014-10-28	18:00:00"	4.7827	74.55	68.459	32.58	289.27	26.542	0
"2014-10-28	19:00:00"	4.9225	98.623	67.574	34.779	91.757	26.553	0
"2014-10-28	20:00:00"	3.8593	92.442	62.727	42.594	1.3228	26.565	0
"2014-10-28	21:00:00"	3.9793	92.197	58.36	49.231	0.07398	26.583	0
"2014-10-28	22:00:00"	4.6733	101.72	55.292	54.959	0.06974	26.592	0
"2014-10-28	23:00:00"	4.9616	103.63	53.126	60.704	0.08967	26.604	0
"2014-10-29	00:00:00"	4.8529	100.38	51.978	64.367	0.09348	26.607	0
"2014-10-29	01:00:00"	4.8305	97.568	51.265	67.195	0.08818	26.607	0
"2014-10-29	02:00:00"	4.628	96.459	50.175	69.842	0.08331	26.607	0
"2014-10-29	03:00:00"	5.0642	60.994	48.173	72.875	0.08161	26.609	0
"2014-10-29	04:00:00"	4.8498	58.42	45.994	76.994	0.08416	26.607	0
"2014-10-29	05:00:00"	5.7843	66.581	47.479	73.058	0.09052	26.607	0
"2014-10-29	06:00:00"	5.7129	69.491	47.834	69.458	0.07123	26.612	0
"2014-10-29	07:00:00"	4.8877	53.746	44.311	75.939	0.08204	26.618	0
"2014-10-29	08:00:00"	4.3359	49.511	43.011	78.523	0.27579	26.627	0
"2014-10-29	09:00:00"	4.7498	53.292	43.589	77.031	47.901	26.648	0
"2014-10-29	10:00:00"	8.3083	88.604	51.037	60.57	206.35	26.666	0
"2014-10-29	11:00:00"	9.7114	121.92	58.445	47.929	400.31	26.672	0
"2014-10-29	12:00:00"	10.365	139.92	62.795	43.962	565.52	26.666	0
"2014-10-29	13:00:00"	9.1093	155.96	65.794	43.124	677.9	26.651	0
"2014-10-29	14:00:00"	7.8113	162.63	68.055	41.78	724.34	26.621	0
"2014-10-29	15:00:00"	7.7348	167.12	69.653	40.548	700.84	26.592	0
"2014-10-29	16:00:00"	6.8525	167.91	70.98	40.075	613.32	26.574	0

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"2014-10-29	17:00:00"	7.2731	170.04	72.162	38.926	466.6	26.562	0
"2014-10-29	18:00:00"	7.8721	171.71	72.208	39.934	280.51	26.556	0
"2014-10-29	19:00:00"	6.7885	169.95	70.814	43.848	86.847	26.55	0
"2014-10-29	20:00:00"	1.4894	173.21	66.423	53.064	1.0665	26.562	0
"2014-10-29	21:00:00"	2.8465	168.85	63	59.942	0.09073	26.562	0
"2014-10-29	22:00:00"	2.2448	185.03	61.13	64.863	0.08225	26.568	0
"2014-10-29	23:00:00"	2.7222	201.21	60.534	66.151	0.08903	26.562	0
"2014-10-30	00:00:00"	3.8395	224.4	59.868	68.302	0.08076	26.559	0
"2014-10-30	01:00:00"	3.5387	204.22	58.474	72.017	0.0672	26.553	0
"2014-10-30	02:00:00"	4.4422	237.24	57.757	74.463	0.09942	26.55	0
"2014-10-30	03:00:00"	3.6916	236.71	56.121	79.479	0.07229	26.542	0
"2014-10-30	04:00:00"	4.4465	232.05	57.583	77.266	0.09136	26.539	0
"2014-10-30	05:00:00"	4.0221	237.88	57.264	78.383	0.06656	26.527	0
"2014-10-30	06:00:00"	2.6396	280.22	54.298	84.275	0.08882	26.53	0
"2014-10-30	07:00:00"	2.1102	272.45	52.03	87.332	0.07292	26.539	0
"2014-10-30	08:00:00"	2.57	263.48	51.412	87.975	0.23445	26.547	0
"2014-10-30	09:00:00"	2.511	271.86	51.469	88.908	54.396	26.553	0
"2014-10-30	10:00:00"	6.7897	300.36	56.954	80.162	207.42	26.583	0
"2014-10-30	11:00:00"	7.3856	299.47	66.011	60.932	404.14	26.589	0
"2014-10-30	12:00:00"	11.595	327.05	70.967	33.471	576.13	26.592	0
"2014-10-30	13:00:00"	11.249	354.94	72.021	25.543	693.78	26.589	0
"2014-10-30	14:00:00"	10.535	353.53	74.667	23.479	740.6	26.58	0
"2014-10-30	15:00:00"	11.259	5.3037	75.404	25.129	715.14	26.565	0
"2014-10-30	16:00:00"	10.067	17.356	76.658	27.219	620.49	26.565	0
"2014-10-30	17:00:00"	11.033	25.816	76.397	27.627	467.27	26.568	0
"2014-10-30	18:00:00"	10.842	32.674	75.409	29.691	276.33	26.577	0
"2014-10-30	19:00:00"	9.9693	49.322	72.337	34.549	81.345	26.589	0
"2014-10-30	20:00:00"	6.7475	49.047	67.76	43.324	0.78432	26.609	0
"2014-10-30	21:00:00"	6.182	40.46	63.877	50.968	0.07017	26.63	0
"2014-10-30	22:00:00"	5.0909	41.204	60.206	59.506	0.06529	26.651	0
"2014-10-30	23:00:00"	6.1193	40.764	57.388	66.865	0.08098	26.669	0
"2014-10-31	00:00:00"	9.9196	50.38	58.392	65.691	0.06529	26.677	0
"2014-10-31	01:00:00"	10.182	60.081	57.396	58.093	0.07038	26.695	0
"2014-10-31	02:00:00"	9.392	60.218	55.291	51.665	0.08288	26.701	0
"2014-10-31	03:00:00"	6.1193	54.593	52.311	52.597	0.09772	26.713	0
"2014-10-31	04:00:00"	5.5985	49.431	48.968	55.64	0.08373	26.713	0
"2014-10-31	05:00:00"	6.1106	36.176	48.022	55.892	0.08564	26.716	0
"2014-10-31	06:00:00"	5.8844	24.418	46.337	58.138	0.06953	26.725	0
"2014-10-31	07:00:00"	5.5544	21.865	44.685	60.813	0.07377	26.734	0
"2014-10-31	08:00:00"	4.8952	21.922	42.569	65.573	0.23551	26.751	0
"2014-10-31	09:00:00"	7.3359	37.615	44.149	61.584	47.718	26.76	0
"2014-10-31	10:00:00"	11.953	65.406	51.638	45.996	205.44	26.793	0
"2014-10-31	11:00:00"	12.491	95.675	57.43	36.161	396.75	26.81	0
"2014-10-31	12:00:00"	11.084	106.1	59.409	33.781	562.22	26.807	0
"2014-10-31	13:00:00"	11.197	114.03	61.459	30.99	661.01	26.801	0
"2014-10-31	14:00:00"	10.501	112.57	62.812	29.48	717.99	26.772	0
"2014-10-31	15:00:00"	10.181	121.46	63.809	28.558	688	26.745	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-10-31	16:00:00"	10.135	115.78	64.555	28.124	611.45	26.725	0
"2014-10-31	17:00:00"	9.9618	116.8	64.982	28.191	464.31	26.713	0
"2014-10-31	18:00:00"	10.144	118.02	64.964	28.117	268.02	26.716	0
"2014-10-31	19:00:00"	7.8641	114.3	62.474	31.139	29.399	26.707	0
"2014-10-31	20:00:00"	5.0343	101.55	56.875	39.684	0.51129	26.713	0
"2014-10-31	21:00:00"	6.0764	92.639	54.17	44.157	0.08098	26.71	0
"2014-10-31	22:00:00"	6.4877	93.342	51.635	49.046	0.07419	26.716	0
"2014-10-31	23:00:00"	6.205	90.776	49.521	53.104	0.05978	26.722	0
"2014-11-01	00:00:00"	7.0184	97.661	47.316	56.163	0.07334	26.716	0
"2014-11-01	01:00:00"	8.5524	103.67	48.126	51.907	0.06659	26.701	0
"2014-11-01	02:00:00"	8.5563	100.65	47.093	53.375	0.08691	26.683	0
"2014-11-01	03:00:00"	8.542	107.85	46.814	53.623	0.08734	26.677	0
"2014-11-01	04:00:00"	8.862	116.74	46.922	52.846	0.09221	26.672	0
"2014-11-01	05:00:00"	11.047	122.85	46.672	52.293	0.07017	26.657	0
"2014-11-01	06:00:00"	11.293	129.33	45.971	53.793	0.08628	26.657	0
"2014-11-01	07:00:00"	10.227	127.47	45.02	56.954	0.08903	26.66	0
"2014-11-01	08:00:00"	7.9585	120.42	44.108	60.271	0.1787	26.657	0
"2014-11-01	09:00:00"	8.1002	120.56	43.962	62.328	41.448	26.66	0
"2014-11-01	10:00:00"	10.714	134.52	47.506	56.734	196.18	26.66	0
"2014-11-01	11:00:00"	14.365	153.7	52.161	49.4	377.1	26.66	0
"2014-11-01	12:00:00"	14.994	163.92	56.164	45.956	534.1	26.636	0
"2014-11-01	13:00:00"	14.668	163.23	59.069	43.385	653.6	26.618	0
"2014-11-01	14:00:00"	12.94	164.76	62.283	40.454	691.68	26.583	0
"2014-11-01	15:00:00"	13.527	164.52	64.981	39.094	661.94	26.559	0
"2014-11-01	16:00:00"	13.235	166.01	66.962	38.768	552.96	26.539	0
"2014-11-01	17:00:00"	13.852	163.82	67.671	39.588	313.14	26.533	0
"2014-11-01	18:00:00"	13.036	152.49	66.891	40.52	147.69	26.524	0
"2014-11-01	19:00:00"	12.391	155.53	65.27	41.913	37.613	26.527	0
"2014-11-01	20:00:00"	12.374	154.48	63.27	43.964	0.2124	26.527	0
"2014-11-01	21:00:00"	12.327	150.24	61.071	45.414	0.09815	26.515	0
"2014-11-01	22:00:00"	13.507	160	59.287	47.209	0.06423	26.527	0
"2014-11-01	23:00:00"	11.372	166.44	57.916	50.8	0.1115	26.542	0
"2014-11-02	00:00:00"	10.03	170.74	56.274	57.139	0.07271	26.539	0
"2014-11-02	01:00:00"	9.8413	176.01	55.153	61.719	0.08416	26.536	0
"2014-11-02	02:00:00"	11.562	172.21	54.65	63.402	0.06911	26.518	0
"2014-11-02	03:00:00"	12.477	173.27	54.274	65.088	0.07652	26.497	0
"2014-11-02	04:00:00"	11.81	177.45	54.467	66.061	0.06147	26.5	0
"2014-11-02	05:00:00"	9.0919	185.1	54.814	65.527	0.06423	26.485	0
"2014-11-02	06:00:00"	9.1292	174.9	54.479	67.019	0.10387	26.485	0
"2014-11-02	07:00:00"	8.3444	170.66	54.495	66.166	0.08628	26.491	0
"2014-11-02	08:00:00"	7.7435	157.5	54.101	67.416	0.07631	26.491	0
"2014-11-02	09:00:00"	8.217	165.63	53.215	69.578	26.203	26.497	0
"2014-11-02	10:00:00"	11.062	170.03	54.264	69.248	129.15	26.518	0
"2014-11-02	11:00:00"	13.363	167.08	56.365	67.039	231.19	26.518	0
"2014-11-02	12:00:00"	12.642	169.62	58.272	64.164	224.88	26.521	0
"2014-11-02	13:00:00"	11.377	167.01	59.659	62.023	244.33	26.518	0
"2014-11-02	14:00:00"	12.113	168.47	60.794	59.67	285.52	26.485	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-02	15:00:00"	13.811	165.85	62.536	55.676	352.82	26.453	0
"2014-11-02	16:00:00"	13.908	162.8	64.315	51.841	381.09	26.438	0
"2014-11-02	17:00:00"	14.543	163.2	65.981	48.485	423.19	26.426	0
"2014-11-02	18:00:00"	14.063	160.25	66.083	48.729	98.605	26.423	0
"2014-11-02	19:00:00"	14.541	158.76	65.828	49.02	43.328	26.415	0
"2014-11-02	20:00:00"	15.297	156.36	63.255	56.265	0.38559	26.429	0
"2014-11-02	21:00:00"	13.361	157.05	60.278	65.831	0.07886	26.438	0
"2014-11-02	22:00:00"	14.431	158.33	58.627	72.344	0.07377	26.45	0
"2014-11-02	23:00:00"	13.648	169.15	57.787	76.108	0.08479	26.45	0
"2014-11-03	00:00:00"	12.226	171.74	57.184	78.386	0.08479	26.447	0
"2014-11-03	01:00:00"	14.25	172.12	56.945	80.423	0.08225	26.435	0
"2014-11-03	01:00:00"	10.312	189.9	56.854	81.993	0.07059	26.45	0
"2014-11-03	02:00:00"	9.9233	185.58	57.018	82.347	0.08628	26.441	0
"2014-11-03	03:00:00"	9.3653	166.19	56.052	84.948	0.06253	26.42	0
"2014-11-03	04:00:00"	8.3245	172.92	55.514	86.867	0.08225	26.423	0
"2014-11-03	05:00:00"	8.2095	172.02	55.667	87.652	0.09221	26.42	0
"2014-11-03	06:00:00"	9.2075	161.47	56.266	87.119	0.06741	26.426	0
"2014-11-03	07:00:00"	6.1168	172.74	55.577	88.391	0.08776	26.432	0
"2014-11-03	08:00:00"	7.0625	166.16	55.917	88.841	18.108	26.441	0
"2014-11-03	09:00:00"	9.7611	185.01	57.282	86.758	69.579	26.474	0
"2014-11-03	10:00:00"	12.423	184.3	59.21	82.198	194.82	26.477	0
"2014-11-03	11:00:00"	13.269	186.89	61.575	75.406	317.64	26.477	0
"2014-11-03	12:00:00"	11.52	185.95	63.851	69.443	317.29	26.465	0
"2014-11-03	13:00:00"	10.498	183.82	65.764	64.746	351.31	26.444	0
"2014-11-03	14:00:00"	10.068	184.31	67.099	60.524	425.02	26.418	0
"2014-11-03	15:00:00"	10.65	166.49	69.423	54.224	432.01	26.4	0
"2014-11-03	16:00:00"	11.006	166.63	69.674	53.422	242.44	26.4	0
"2014-11-03	17:00:00"	9.4579	164.86	68.766	55.109	112.46	26.397	0
"2014-11-03	18:00:00"	8.0045	159.33	68.104	56.745	25.341	26.4	0
"2014-11-03	19:00:00"	6.4101	156.5	66.643	61.922	0.12676	26.415	0
"2014-11-03	20:00:00"	4.3813	232.24	64.913	70.238	0.0814	26.45	0
"2014-11-03	21:00:00"	3.3038	2.3193	61.975	79.269	0.07843	26.441	0
"2014-11-03	22:00:00"	10.315	4.6765	58.933	82.145	0.09115	26.491	0.46
"2014-11-03	23:00:00"	6.6797	21.583	54.564	90.144	0.08331	26.474	0.19
"2014-11-04	00:00:00"	6.2584	61.295	55.09	91.14	0.07165	26.477	0
"2014-11-04	01:00:00"	9.783	82.632	55.621	90.507	0.08583	26.45	0
"2014-11-04	02:00:00"	9.1708	92.436	55.621	90.21	0.07737	26.45	0
"2014-11-04	03:00:00"	8.0548	86.468	55.468	90.28	0.08267	26.453	0
"2014-11-04	04:00:00"	8.6899	80.988	55.653	89.651	0.07292	26.45	0
"2014-11-04	05:00:00"	9.1689	89.094	55.529	89.257	0.06105	26.441	0
"2014-11-04	06:00:00"	7.4471	70.834	55.438	89.305	0.05172	26.503	0
"2014-11-04	07:00:00"	12.352	19.891	54.095	89.849	0.08988	26.506	0.22
"2014-11-04	08:00:00"	16.613	36.965	47.985	90.336	4.0251	26.527	0.04
"2014-11-04	09:00:00"	18.472	22.385	45.752	90.178	7.7292	26.571	0.39
"2014-11-04	10:00:00"	17.254	31.459	43.665	92.742	14.076	26.607	0.21
"2014-11-04	11:00:00"	17.603	42.115	42.952	92.759	92.607	26.607	0.07
"2014-11-04	12:00:00"	15.284	31.554	44.384	89.626	134.24	26.615	0

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"2014-11-04	13:00:00"	13.366	35.708	45.521	88.609	133.01	26.607	0
"2014-11-04	14:00:00"	12.534	30.299	45.898	89.323	67.329	26.601	0
"2014-11-04	15:00:00"	10.919	36.111	45.901	90.84	51.81	26.604	0.03
"2014-11-04	16:00:00"	10.833	23.696	45.621	90.553	41.222	26.621	0.09
"2014-11-04	17:00:00"	12.535	18.974	44.896	90.854	32.642	26.612	0.01
"2014-11-04	18:00:00"	10.602	21.025	44.574	90.647	8.4565	26.645	0.01
"2014-11-04	19:00:00"	9.2199	20.624	44.369	90.292	0.08797	26.669	0
"2014-11-04	20:00:00"	8.9633	17.539	44.303	87.63	0.11087	26.677	0.01
"2014-11-04	21:00:00"	7.7069	18.058	44.667	85.915	0.07674	26.674	0
"2014-11-04	22:00:00"	7.3483	21.493	44.751	85.594	0.07822	26.669	0
"2014-11-04	23:00:00"	6.4852	18.667	44.8	85.576	0.08373	26.657	0
"2014-11-05	00:00:00"	6.9631	357.94	44.815	82.121	0.10451	26.663	0
"2014-11-05	01:00:00"	5.8384	23.454	44.722	80.03	0.10111	26.651	0
"2014-11-05	02:00:00"	6.4741	32.562	44.674	81.138	0.07589	26.645	0
"2014-11-05	03:00:00"	6.0683	26.658	44.652	81.717	0.07801	26.624	0
"2014-11-05	04:00:00"	5.1238	53.422	44.165	84.136	0.07992	26.604	0
"2014-11-05	05:00:00"	4.1862	42.794	44.187	84.562	0.09348	26.612	0
"2014-11-05	06:00:00"	3.9078	9.8793	44.331	83.407	0.08818	26.633	0
"2014-11-05	07:00:00"	3.5257	0.16542	44.759	81.794	0.08246	26.636	0
"2014-11-05	08:00:00"	3.8749	7.4021	45.011	82.265	9.0814	26.651	0
"2014-11-05	09:00:00"	5.1723	18.484	45.919	77.616	75.83	26.663	0
"2014-11-05	10:00:00"	2.5949	359.41	47.633	72.872	190.32	26.672	0
"2014-11-05	11:00:00"	3.0851	43.611	50.125	72.455	326.73	26.674	0
"2014-11-05	12:00:00"	3.5977	345.83	52.161	70.163	339.69	26.66	0
"2014-11-05	13:00:00"	4.6727	325.42	53.525	66.295	354.25	26.639	0
"2014-11-05	14:00:00"	5.839	339.04	55.323	57.618	429.55	26.627	0
"2014-11-05	15:00:00"	7.0364	2.3695	56.246	51.155	405.64	26.609	0
"2014-11-05	16:00:00"	7.3583	10.975	56.533	51.922	246.25	26.621	0
"2014-11-05	17:00:00"	6.9351	8.8736	57	52.329	202.29	26.627	0
"2014-11-05	18:00:00"	3.8519	6.4717	55.328	58.268	30.894	26.654	0
"2014-11-05	19:00:00"	1.8964	17.729	52.248	71.024	0.24865	26.669	0
"2014-11-05	20:00:00"	1.4938	61.872	51.49	72.622	0.08734	26.686	0
"2014-11-05	21:00:00"	1.3956	6.1824	50.369	78.541	0.07292	26.692	0
"2014-11-05	22:00:00"	1.4211	289.38	49.294	78.676	0.08755	26.713	0
"2014-11-05	23:00:00"	2.0002	308.57	48.652	80.553	0.11193	26.716	0
"2014-11-06	00:00:00"	2.5799	318.58	46.22	84.524	0.09984	26.713	0
"2014-11-06	01:00:00"	3.1684	317.26	45.709	86.161	0.09348	26.722	0
"2014-11-06	02:00:00"	3.6642	322.63	46.585	83.315	0.07886	26.725	0
"2014-11-06	03:00:00"	4.4577	339.83	48.104	77.043	0.10557	26.731	0
"2014-11-06	04:00:00"	2.4097	321.02	48.127	77.215	0.09242	26.751	0
"2014-11-06	05:00:00"	6.4181	342.46	48.076	76.111	0.09815	26.748	0
"2014-11-06	06:00:00"	6.3995	359.37	47.835	71.257	0.06571	26.76	0
"2014-11-06	07:00:00"	7.1588	10.958	48.007	66.754	0.08373	26.769	0
"2014-11-06	08:00:00"	7.9846	13.92	47.718	65.716	14.125	26.781	0
"2014-11-06	09:00:00"	8.2394	19.816	48.369	62.087	67.716	26.804	0
"2014-11-06	10:00:00"	8.0629	30.167	51.236	54.909	183.75	26.819	0
"2014-11-06	11:00:00"	6.8587	51.942	55.356	44.504	316.58	26.834	0

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"2014-11-06	12:00:00"	7.2147	72.337	58.758	31.216	444.12	26.822	0
"2014-11-06	13:00:00"	7.7733	77.69	60.713	27.044	412.45	26.798	0
"2014-11-06	14:00:00"	7.0016	103.31	62.12	28.059	428.79	26.79	0
"2014-11-06	15:00:00"	5.4507	103.93	63.54	27.841	497.11	26.772	0
"2014-11-06	16:00:00"	6.0584	88.944	62.778	28.671	279.34	26.766	0
"2014-11-06	17:00:00"	3.9296	123.82	61.478	35.674	107.83	26.769	0
"2014-11-06	18:00:00"	3.5182	142.69	58.78	45.607	18.08	26.778	0
"2014-11-06	19:00:00"	2.9695	226.98	56.054	50.5	0.31119	26.793	0
"2014-11-06	20:00:00"	2.7918	253.47	54.428	54.339	0.07313	26.79	0
"2014-11-06	21:00:00"	2.4644	306.95	50.891	65.991	0.08564	26.775	0
"2014-11-06	22:00:00"	1.8772	303.9	48.874	68.719	0.09497	26.763	0
"2014-11-06	23:00:00"	2.0114	324.76	46.433	72.696	0.09327	26.76	0
"2014-11-07	00:00:00"	3.1069	302.58	47.02	66.936	0.10005	26.751	0
"2014-11-07	01:00:00"	3.041	294.74	45.804	70.884	0.07631	26.739	0
"2014-11-07	02:00:00"	3.0777	310.27	45.305	72.195	0.10896	26.725	0
"2014-11-07	03:00:00"	3.1323	316.23	44.618	70.279	0.10069	26.707	0
"2014-11-07	04:00:00"	2.4302	297.07	44.31	70.052	0.08352	26.683	0
"2014-11-07	05:00:00"	1.7653	299.46	42.901	73.142	0.08967	26.669	0
"2014-11-07	06:00:00"	2.3631	325.28	41.364	78.081	0.08564	26.657	0
"2014-11-07	07:00:00"	2.1102	322.54	39.565	82.785	0.08776	26.645	0
"2014-11-07	08:00:00"	1.1961	328.07	41.861	77.552	33.944	26.648	0
"2014-11-07	09:00:00"	1.7492	252.28	48.357	66.369	179.01	26.657	0
"2014-11-07	10:00:00"	5.8017	221.37	54.042	53.778	368.18	26.648	0
"2014-11-07	11:00:00"	11.061	212.6	56.452	47.339	531.64	26.633	0
"2014-11-07	12:00:00"	12.639	212.02	57.274	46.569	642.48	26.604	0
"2014-11-07	13:00:00"	12.688	205.5	58.49	48.431	690.21	26.542	0
"2014-11-07	14:00:00"	12.614	201.17	59.969	48.398	672.21	26.509	0
"2014-11-07	15:00:00"	11.499	218.63	61.796	47.506	586.38	26.485	0
"2014-11-07	16:00:00"	12.162	211.29	62.767	46.197	441.56	26.465	0
"2014-11-07	17:00:00"	11.861	210.27	62.457	49.72	256.01	26.45	0
"2014-11-07	18:00:00"	11.022	195.22	60.877	56.098	68.44	26.441	0
"2014-11-07	19:00:00"	8.1431	196.88	58.122	64.061	0.41018	26.438	0
"2014-11-07	20:00:00"	9.6244	194.89	56.452	68.8	0.08585	26.441	0
"2014-11-07	21:00:00"	9.0888	199.39	55.257	71.598	0.09094	26.441	0
"2014-11-07	22:00:00"	8.3512	200.64	53.995	75.637	0.07992	26.441	0
"2014-11-07	23:00:00"	8.4488	198.67	52.494	81.24	0.07101	26.435	0
"2014-11-08	00:00:00"	6.1112	197.9	51.253	84.807	0.07822	26.447	0
"2014-11-08	01:00:00"	4.2545	224.38	49.577	87.191	0.08585	26.444	0
"2014-11-08	02:00:00"	1.8591	261.32	47.575	90.137	0.09073	26.459	0
"2014-11-08	03:00:00"	4.9853	321.07	46.701	89.817	0.07589	26.48	0
"2014-11-08	04:00:00"	13.473	10.611	49.143	80.839	0.11638	26.506	0
"2014-11-08	05:00:00"	17.457	20.507	50.723	66.848	0.09581	26.542	0
"2014-11-08	06:00:00"	17.54	23.84	51.591	58.67	0.07271	26.586	0
"2014-11-08	07:00:00"	17.942	21.884	51.215	57.71	0.09793	26.63	0
"2014-11-08	08:00:00"	18.461	19.094	50.051	59.862	32.435	26.669	0
"2014-11-08	09:00:00"	18.664	24.888	51.683	56.194	176.78	26.704	0
"2014-11-08	10:00:00"	17.504	37.595	54.86	49.691	366.83	26.713	0

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"2014-11-08	11:00:00"	15.651	47.591	57.395	45.139	531.93	26.725	0
"2014-11-08	12:00:00"	15.066	47.367	59.45	41.682	643.41	26.734	0
"2014-11-08	13:00:00"	12.241	41.178	61.027	39.754	688.95	26.719	0
"2014-11-08	14:00:00"	11.145	42.564	61.799	39.585	667.39	26.701	0
"2014-11-08	15:00:00"	9.5405	37.443	62.123	39.901	580.36	26.689	0
"2014-11-08	16:00:00"	6.8469	49.116	62.338	39.716	434.81	26.686	0
"2014-11-08	17:00:00"	5.345	62.249	62.069	39.826	250.73	26.686	0
"2014-11-08	18:00:00"	2.5961	46.844	60	44.682	64.8	26.68	0
"2014-11-08	19:00:00"	0.88297	70.275	55.313	55.446	0.40212	26.677	0
"2014-11-08	20:00:00"	1.1669	158.11	53.401	60.608	0.06932	26.686	0
"2014-11-08	21:00:00"	1.4087	204.36	50.582	65.949	0.09475	26.68	0
"2014-11-08	22:00:00"	4.1116	239.09	53.233	59.092	0.07864	26.683	0
"2014-11-08	23:00:00"	3.7158	234.65	51.713	62.909	0.10472	26.669	0
"2014-11-09	00:00:00"	2.5023	248.88	49.164	69.343	0.09285	26.654	0
"2014-11-09	01:00:00"	1.72	243.43	46.868	75.743	0.09815	26.63	0
"2014-11-09	02:00:00"	1.807	246.81	45.348	77.941	0.07992	26.618	0
"2014-11-09	03:00:00"	1.4938	237.66	43.916	81.094	0.07695	26.592	0
"2014-11-09	04:00:00"	2.652	234.59	44.548	79.034	0.06741	26.568	0
"2014-11-09	05:00:00"	2.3215	236.42	43.624	80.291	0.0708	26.559	0
"2014-11-09	06:00:00"	5.0623	227.59	45.002	77.679	0.09518	26.553	0
"2014-11-09	07:00:00"	7.7323	209.36	46.688	71.944	0.09645	26.547	0
"2014-11-09	08:00:00"	8.0213	222.26	45.234	76.217	34.387	26.55	0
"2014-11-09	09:00:00"	4.3508	235.87	46.6	79.452	182	26.545	0
"2014-11-09	10:00:00"	8.0946	231.19	55.989	61.427	376.04	26.533	0
"2014-11-09	11:00:00"	10.358	229.7	61.255	48.904	545.31	26.512	0
"2014-11-09	12:00:00"	11.923	229.86	65.179	40.706	659.29	26.48	0
"2014-11-09	13:00:00"	12.939	232.08	68.057	36.381	706.14	26.444	0
"2014-11-09	14:00:00"	13.686	229.93	70.626	30.372	685.23	26.412	0
"2014-11-09	15:00:00"	14.72	228.79	72.063	24.936	598.24	26.388	0
"2014-11-09	16:00:00"	15.813	224.99	71.74	24.442	450.17	26.367	0
"2014-11-09	17:00:00"	14.269	223.53	70.573	25.351	243.42	26.353	0
"2014-11-09	18:00:00"	10.012	217.8	68.195	29.323	72.622	26.332	0
"2014-11-09	19:00:00"	6.297	222.31	62.812	37.414	0.64675	26.329	0
"2014-11-09	20:00:00"	8.3935	206.43	59.852	41.956	0.0725	26.314	0
"2014-11-09	21:00:00"	8.3525	214.03	58.307	45.25	0.09369	26.314	0
"2014-11-09	22:00:00"	11.228	222.9	58.078	48.99	0.10429	26.302	0
"2014-11-09	23:00:00"	9.5169	216.26	56.014	55.241	0.0814	26.282	0
"2014-11-10	00:00:00"	8.0797	223.5	55.512	57.873	0.06656	26.273	0
"2014-11-10	01:00:00"	5.4591	226.1	53	66.768	0.07251	26.261	0
"2014-11-10	02:00:00"	4.0507	225.48	51.911	72.004	0.08288	26.243	0
"2014-11-10	03:00:00"	7.6764	222.77	51.739	71.451	0.07695	26.232	0
"2014-11-10	04:00:00"	4.7926	223.05	50.05	74.227	0.06911	26.223	0
"2014-11-10	05:00:00"	5.6191	223.45	49.475	75.762	0.07356	26.217	0
"2014-11-10	06:00:00"	8.386	216.54	50.51	72.916	0.08267	26.208	0
"2014-11-10	07:00:00"	7.6565	217.17	48.537	77.468	0.10493	26.211	0
"2014-11-10	08:00:00"	6.1304	218.22	48.126	79.354	32.036	26.22	0
"2014-11-10	09:00:00"	6.0459	196.11	50.612	74.668	173.9	26.237	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-10"	10:00:00"	8.2263	223.06	57.441	62.056	362.9	26.234	0
"2014-11-10"	11:00:00"	10.276	248.15	67.154	42.573	527.55	26.232	0
"2014-11-10"	12:00:00"	14.137	268.18	72.633	31.102	637.61	26.214	0
"2014-11-10"	13:00:00"	14.743	267.75	75.452	26.243	680.77	26.184	0
"2014-11-10"	14:00:00"	15.731	264.28	77.156	22.454	656.18	26.167	0
"2014-11-10"	15:00:00"	14.61	263.15	77.566	21.453	574.82	26.152	0
"2014-11-10"	16:00:00"	13.622	256.43	77.495	21.225	428.3	26.146	0
"2014-11-10"	17:00:00"	13.214	249.73	76.666	19.387	247.74	26.137	0
"2014-11-10"	18:00:00"	6.9761	242.36	73.027	21.701	62.414	26.14	0
"2014-11-10"	19:00:00"	4.9964	228.67	67.757	26.742	0.30928	26.146	0
"2014-11-10"	20:00:00"	4.3769	229.62	62.905	35.442	0.06762	26.161	0
"2014-11-10"	21:00:00"	5.4923	270.17	60.706	38.308	0.10302	26.184	0
"2014-11-10"	22:00:00"	4.8691	263.78	61.165	36.118	0.07038	26.208	0
"2014-11-10"	23:00:00"	3.6487	247.4	58.368	39.94	0.08522	26.232	0
"2014-11-11"	00:00:00"	4.2831	268.66	58.288	39.534	0.06953	26.252	0
"2014-11-11"	01:00:00"	19.712	17.655	47.345	48.566	0.10239	26.323	0
"2014-11-11"	02:00:00"	20.659	25.999	41.056	50.855	0.07928	26.373	0
"2014-11-11"	03:00:00"	18.303	25.361	38.004	53.058	0.0797	26.394	0
"2014-11-11"	04:00:00"	19.199	17.67	35.092	53.146	0.08098	26.415	0
"2014-11-11"	05:00:00"	15.642	12.589	33.22	55.108	0.0797	26.468	0
"2014-11-11"	06:00:00"	16.375	3.7823	31.824	56.583	0.09878	26.506	0
"2014-11-11"	07:00:00"	14.816	359.47	30.31	57.684	0.09793	26.553	0
"2014-11-11"	08:00:00"	15.767	5.7024	28.866	59.801	28.336	26.589	0
"2014-11-11"	09:00:00"	13.556	4.3377	30.03	57.3	170.14	26.607	0
"2014-11-11"	10:00:00"	13.391	16.234	31.186	53.243	359.21	26.609	0
"2014-11-11"	11:00:00"	11.708	30.688	33.209	48.357	525.54	26.607	0
"2014-11-11"	12:00:00"	9.369	39.205	35.695	44.514	639.88	26.589	0
"2014-11-11"	13:00:00"	7.7031	57.686	38.032	42.261	689.77	26.565	0
"2014-11-11"	14:00:00"	5.9944	63.273	40.281	39.859	668.63	26.542	0
"2014-11-11"	15:00:00"	5.4389	74.124	42.445	37.749	581.24	26.524	0
"2014-11-11"	16:00:00"	4.4695	88.762	43.64	36.862	434.05	26.518	0
"2014-11-11"	17:00:00"	5.1226	106.99	43.714	37.851	247.09	26.518	0
"2014-11-11"	18:00:00"	6.0963	112.61	42.865	40.034	60.446	26.521	0
"2014-11-11"	19:00:00"	4.3993	97.092	39.13	51.259	0.38983	26.521	0
"2014-11-11"	20:00:00"	4.4931	88.893	36.563	58.549	0.06699	26.53	0
"2014-11-11"	21:00:00"	4.3341	83.793	34.775	65.042	0.08585	26.542	0
"2014-11-11"	22:00:00"	4.9784	77.562	34.588	65.045	0.11002	26.559	0
"2014-11-11"	23:00:00"	5.6383	78.831	33.998	63.627	0.10239	26.577	0
"2014-11-12"	00:00:00"	7.874	84.242	33.354	59.624	0.13058	26.592	0
"2014-11-12"	01:00:00"	8.2468	80.363	32.114	55.202	0.11065	26.609	0
"2014-11-12"	02:00:00"	10.205	74.586	30.592	52.016	0.08797	26.633	0
"2014-11-12"	03:00:00"	8.8713	77.469	28.986	54.084	0.12125	26.657	0
"2014-11-12"	04:00:00"	8.9813	65.566	27.656	56.503	0.10281	26.672	0
"2014-11-12"	05:00:00"	9.0795	61.702	26.462	57.189	0.10133	26.68	0
"2014-11-12"	06:00:00"	10.487	53.04	25.725	56.238	0.07483	26.68	0
"2014-11-12"	07:00:00"	10.588	60.116	24.81	52.933	0.11023	26.701	0
"2014-11-12"	08:00:00"	8.0256	51.177	24.227	54.491	24.884	26.716	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-12"	09:00:00"	9.1428	43.974	25.02	50.315	108.43	26.742	0
"2014-11-12"	10:00:00"	10.628	47.778	27.151	45.449	348.22	26.751	0
"2014-11-12"	11:00:00"	10.252	60.44	28.706	43.239	511.08	26.745	0
"2014-11-12"	12:00:00"	10.471	63.789	30.4	41.635	625.1	26.734	0
"2014-11-12"	13:00:00"	9.8021	49.834	32.168	41.2	685.12	26.71	0
"2014-11-12"	14:00:00"	9.5635	55.554	32.564	40.666	442.56	26.689	0
"2014-11-12"	15:00:00"	9.1379	45.054	32.866	41.575	322.96	26.686	0
"2014-11-12"	16:00:00"	9.8183	37.356	32.838	40.724	252.74	26.695	0
"2014-11-12"	17:00:00"	8.8955	41.533	32.469	40.764	123.01	26.695	0
"2014-11-12"	18:00:00"	9.31	34.916	30.972	41.084	27.544	26.71	0
"2014-11-12"	19:00:00"	9.5498	35.724	29.277	42.967	0.24399	26.736	0
"2014-11-12"	20:00:00"	9.2155	33.868	28.117	44.714	0.11595	26.757	0
"2014-11-12"	21:00:00"	9.945	27.062	27.165	46.495	0.10938	26.778	0
"2014-11-12"	22:00:00"	9.292	39.204	26.36	48.321	0.08267	26.79	0
"2014-11-12"	23:00:00"	9.9009	29.577	25.904	49.943	0.09009	26.801	0
"2014-11-13"	00:00:00"	10.95	36.194	24.667	48.479	0.11744	26.813	0
"2014-11-13"	01:00:00"	10.171	20.298	23.755	45.204	0.11108	26.822	0
"2014-11-13"	02:00:00"	9.8226	26.514	23.311	44.894	0.11362	26.822	0
"2014-11-13"	03:00:00"	11.097	18.079	22.755	51.082	0.09094	26.828	0
"2014-11-13"	04:00:00"	10.476	17.939	22.379	51.895	0.0761	26.834	0
"2014-11-13"	05:00:00"	9.8158	17.661	21.864	50.805	0.09624	26.834	0
"2014-11-13"	06:00:00"	8.2562	18.119	21.333	52.213	0.09369	26.831	0
"2014-11-13"	07:00:00"	8.6339	11.829	20.826	58.746	0.09899	26.837	0
"2014-11-13"	08:00:00"	7.4241	12.107	20.595	63.718	8.047	26.852	0
"2014-11-13"	09:00:00"	6.6493	19.206	21.009	64.85	52.47	26.866	0
"2014-11-13"	10:00:00"	7.4428	11.636	21.667	64.791	115.77	26.875	0
"2014-11-13"	11:00:00"	6.7642	15.914	22.419	64.458	187.55	26.866	0
"2014-11-13"	12:00:00"	5.2108	33.172	22.826	64.362	242.35	26.846	0
"2014-11-13"	13:00:00"	4.4938	46.054	23.621	62.349	275.04	26.813	0
"2014-11-13"	14:00:00"	4.2775	58.818	24.473	60.364	248.69	26.772	0
"2014-11-13"	15:00:00"	3.9755	63.659	25.399	58.692	254.57	26.76	0
"2014-11-13"	16:00:00"	4.4391	66.584	26.108	57.918	195.87	26.731	0
"2014-11-13"	17:00:00"	4.1682	98.505	26.297	58.6	98.301	26.722	0
"2014-11-13"	18:00:00"	4.116	86.699	26.315	60.004	20.111	26.722	0
"2014-11-13"	19:00:00"	5.3599	102.19	26.497	58.479	0.13948	26.713	0
"2014-11-13"	20:00:00"	5.8949	101.3	26.722	56.65	0.10493	26.722	0
"2014-11-13"	21:00:00"	6.9513	111.61	26.996	55.116	0.11256	26.707	0
"2014-11-13"	22:00:00"	7.5882	114.87	27.14	54.233	0.0903	26.704	0
"2014-11-13"	23:00:00"	8.6339	124.33	27.226	54.11	0.07483	26.695	0
"2014-11-14"	00:00:00"	7.5037	132.37	27.138	53.844	0.10281	26.674	0
"2014-11-14"	01:00:00"	5.0859	118.67	25.614	59.256	0.09454	26.669	0
"2014-11-14"	02:00:00"	5.2226	108.79	24.563	64.475	0.13143	26.645	0
"2014-11-14"	03:00:00"	4.3689	104.68	23.757	66.142	0.11108	26.639	0
"2014-11-14"	04:00:00"	5.6893	114.29	23.741	63.053	0.08818	26.615	0
"2014-11-14"	05:00:00"	8.1362	127.11	23.668	60.781	0.08034	26.598	0
"2014-11-14"	06:00:00"	7.1004	121.68	23.639	59.172	0.10408	26.604	0
"2014-11-14"	07:00:00"	6.7879	118.28	23.2	60.838	0.10917	26.598	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-14	08:00:00"	6.1683	118.51	23.267	62.299	31.746	26.601	0
"2014-11-14	09:00:00"	8.4407	133.32	25.549	58.567	134.65	26.609	0
"2014-11-14	10:00:00"	8.9496	150.2	28.78	53.527	340.63	26.618	0
"2014-11-14	11:00:00"	9.8866	163.51	32.054	49.401	519.95	26.601	0
"2014-11-14	12:00:00"	8.4811	156.15	35.696	45.727	626.87	26.568	0
"2014-11-14	13:00:00"	9.3442	159.24	38.984	43.209	662.39	26.533	0
"2014-11-14	14:00:00"	10.312	160.18	41.639	41.506	644.63	26.494	0
"2014-11-14	15:00:00"	10.489	171.95	44.166	39.999	562.8	26.471	0
"2014-11-14	16:00:00"	10.126	161.87	46.046	39.133	418.15	26.456	0
"2014-11-14	17:00:00"	9.9407	163.79	46.63	39.616	236.33	26.447	0
"2014-11-14	18:00:00"	7.8137	159.98	45.748	43.163	55.706	26.45	0
"2014-11-14	19:00:00"	6.2311	131.03	43.179	49.58	0.27684	26.447	0
"2014-11-14	20:00:00"	7.8386	133.8	41.34	53.929	0.09899	26.45	0
"2014-11-14	21:00:00"	8.3351	137.6	39.355	59.764	0.0884	26.447	0
"2014-11-14	22:00:00"	6.7978	143.66	38.26	66.565	0.08818	26.444	0
"2014-11-14	23:00:00"	5.8757	139.8	37.011	71.707	0.07695	26.429	0
"2014-11-15	00:00:00"	4.9952	150.98	35.842	74.783	0.09009	26.418	0
"2014-11-15	01:00:00"	4.4061	157.68	35.098	75.459	0.08861	26.4	0
"2014-11-15	02:00:00"	3.6872	158.83	34.414	76.08	0.08034	26.388	0
"2014-11-15	03:00:00"	3.1945	172.01	33.937	77.461	0.11129	26.376	0
"2014-11-15	04:00:00"	3.8109	159.15	34.578	76.876	0.09921	26.376	0
"2014-11-15	05:00:00"	6.7512	204.14	35.284	74.3	0.09709	26.376	0
"2014-11-15	06:00:00"	7.0364	215.11	35.186	73.719	0.0903	26.376	0
"2014-11-15	07:00:00"	6.2951	233.01	34.74	74.287	0.10981	26.382	0
"2014-11-15	08:00:00"	7.3011	225.89	34.348	75.573	19.226	26.394	0
"2014-11-15	09:00:00"	8.2785	223.01	36.521	70.994	155.96	26.409	0
"2014-11-15	10:00:00"	8.5849	221.82	42.23	62.429	340.38	26.418	0
"2014-11-15	11:00:00"	8.5625	224.49	51.041	51.521	504.98	26.42	0
"2014-11-15	12:00:00"	6.8282	221.87	61.283	40.846	598.14	26.397	0
"2014-11-15	13:00:00"	10.385	228.6	66.374	36.705	631.3	26.367	0
"2014-11-15	14:00:00"	11.653	221.32	66.77	36.747	582.35	26.341	0
"2014-11-15	15:00:00"	11.443	212.2	65.955	37.898	528.76	26.335	0
"2014-11-15	16:00:00"	9.8133	218.03	65.967	38.373	264.89	26.323	0
"2014-11-15	17:00:00"	6.484	188.74	64.717	40.508	136.83	26.314	0
"2014-11-15	18:00:00"	4.4037	184.44	62.605	43.711	34.593	26.317	0
"2014-11-15	19:00:00"	4.4962	186.1	59.928	44.877	0.23487	26.323	0
"2014-11-15	20:00:00"	6.1497	210.43	57.444	46.312	0.0708	26.332	0
"2014-11-15	21:00:00"	5.2232	220.97	56.191	48.916	0.07271	26.344	0
"2014-11-15	22:00:00"	3.9873	203.27	53.109	54.497	0.09073	26.332	0
"2014-11-15	23:00:00"	4.9554	211.48	52.509	55.107	0.10366	26.329	0
"2014-11-16	00:00:00"	3.6735	238.47	50.974	57.621	0.07334	26.317	0
"2014-11-16	01:00:00"	2.1083	314.67	47.611	65.68	0.08394	26.305	0
"2014-11-16	02:00:00"	9.3634	38.255	43.071	63.495	0.08967	26.347	0
"2014-11-16	03:00:00"	14.189	24.398	37.992	62.379	0.08861	26.338	0
"2014-11-16	04:00:00"	14.455	22.399	34.635	64.092	0.09348	26.356	0
"2014-11-16	05:00:00"	16.573	16.497	31.095	66.667	0.09264	26.367	0
"2014-11-16	06:00:00"	16.161	18.66	30.227	70.763	0.10451	26.379	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-16	07:00:00"	14.475	20.284	30.291	73.044	0.10366	26.412	0
"2014-11-16	08:00:00"	15.586	16.583	30.97	72.593	10.837	26.438	0
"2014-11-16	09:00:00"	14.594	15.619	29.751	72.855	48.243	26.453	0
"2014-11-16	10:00:00"	15.445	15.46	27.561	74.799	112.24	26.477	0
"2014-11-16	11:00:00"	13.305	14.467	26.473	75.842	94.875	26.509	0
"2014-11-16	12:00:00"	14.791	4.1128	25.747	78.765	135.5	26.512	0
"2014-11-16	13:00:00"	16.344	357.43	25.715	78.173	125.07	26.506	0
"2014-11-16	14:00:00"	16.959	356.77	24.667	79.733	107.02	26.512	0
"2014-11-16	15:00:00"	13.732	1.456	24.604	80.156	96.063	26.506	0
"2014-11-16	16:00:00"	14.533	353.06	25.533	76.083	88.225	26.55	0
"2014-11-16	17:00:00"	15.797	348.78	25.22	77.635	56.662	26.574	0
"2014-11-16	18:00:00"	15.074	349.58	25.148	74.026	24.735	26.592	0
"2014-11-16	19:00:00"	13.455	348.68	23.739	76.823	0.23763	26.624	0
"2014-11-16	20:00:00"	11.457	345.46	22.43	78.98	0.0956	26.642	0
"2014-11-16	21:00:00"	6.4343	325.57	20.764	82.584	0.10154	26.663	0
"2014-11-16	22:00:00"	8.235	331.18	19.665	84.356	0.10048	26.669	0
"2014-11-16	23:00:00"	5.4165	297.89	20.352	83.042	0.10366	26.669	0
"2014-11-17	00:00:00"	6.5437	288.12	20.036	83.582	0.1026	26.689	0
"2014-11-17	01:00:00"	4.0694	289.51	19.647	84.116	0.11828	26.698	0
"2014-11-17	02:00:00"	5.6855	300.45	18.817	84.935	0.10769	26.698	0
"2014-11-17	03:00:00"	7.0979	313.57	18.766	84.753	0.12104	26.698	0
"2014-11-17	04:00:00"	7.8237	320.93	17.671	85.577	0.10663	26.686	0
"2014-11-17	05:00:00"	9.456	329.59	19.162	82.506	0.12104	26.695	0
"2014-11-17	06:00:00"	7.6286	324.95	18.413	83.676	0.11214	26.713	0
"2014-11-17	07:00:00"	6.9879	320.77	18.684	83.491	0.10387	26.736	0
"2014-11-17	08:00:00"	5.1561	317.67	18.439	84.024	24.679	26.76	0
"2014-11-17	09:00:00"	5.9906	358.88	23.987	76.126	159.27	26.796	0
"2014-11-17	10:00:00"	6.6946	75.648	29.609	56.092	348.04	26.796	0
"2014-11-17	11:00:00"	8.3618	122.3	32.618	42.316	515.39	26.793	0.01
"2014-11-17	12:00:00"	7.2526	129.06	35.148	35.301	629.17	26.778	0
"2014-11-17	13:00:00"	6.9705	163.12	36.814	31.769	678.5	26.745	0
"2014-11-17	14:00:00"	9.1199	175.65	38.352	27.778	659.28	26.707	0
"2014-11-17	15:00:00"	8.6756	169.77	39.826	24.193	572.92	26.686	0
"2014-11-17	16:00:00"	9.0496	191.73	40.725	22.957	415.42	26.672	0
"2014-11-17	17:00:00"	9.2945	188.78	40.527	23.217	215.5	26.669	0
"2014-11-17	18:00:00"	5.4867	193.45	37.819	28.185	32.602	26.672	0
"2014-11-17	19:00:00"	3.3859	214.36	33.523	38.239	0.15623	26.672	0
"2014-11-17	20:00:00"	3.3063	220.09	31.735	45.111	0.10472	26.686	0
"2014-11-17	21:00:00"	3.5797	229.05	30.685	47.706	0.10451	26.686	0
"2014-11-17	22:00:00"	3.7363	222.43	30.129	48.344	0.07886	26.695	0
"2014-11-17	23:00:00"	4.0538	242.47	29.016	50.947	0.10981	26.692	0
"2014-11-18	00:00:00"	4.3129	266.24	28.596	49.32	0.09518	26.689	0
"2014-11-18	01:00:00"	4.4527	288.97	27.086	53.647	0.13164	26.677	0
"2014-11-18	02:00:00"	3.8189	240.83	27.325	55.295	0.10408	26.68	0
"2014-11-18	03:00:00"	4.1831	223.07	27.781	51.744	0.06677	26.674	0
"2014-11-18	04:00:00"	4.4826	231.01	26.863	54.607	0.06381	26.674	0
"2014-11-18	05:00:00"	4.659	229.68	27.532	52.602	0.08755	26.672	0

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"2014-11-18	06:00:00"	4.6081	258.8	26.216	56.328	0.09709	26.686	0
"2014-11-18	07:00:00"	4.843	310.39	22.445	66.94	0.11553	26.683	0
"2014-11-18	08:00:00"	3.5791	276.82	23.883	64.633	23.174	26.698	0
"2014-11-18	09:00:00"	3.9351	159.14	30.549	53.333	154.99	26.71	0
"2014-11-18	10:00:00"	10.85	192.22	34.895	46.184	340.54	26.728	0
"2014-11-18	11:00:00"	10.211	194.61	38.904	38.537	507.41	26.722	0
"2014-11-18	12:00:00"	9.5989	195.93	42.041	33.783	622.95	26.71	0
"2014-11-18	13:00:00"	8.3276	216.21	45.677	29.001	673.53	26.68	0
"2014-11-18	14:00:00"	7.2514	208.79	48.45	26.691	654.56	26.66	0
"2014-11-18	15:00:00"	7.9765	206.21	50.104	25.074	567.34	26.648	0
"2014-11-18	16:00:00"	8.4363	203.2	51.111	24.505	421.6	26.627	0
"2014-11-18	17:00:00"	9.3181	200.08	50.958	24.102	236.35	26.621	0
"2014-11-18	18:00:00"	8.0412	198.78	48.951	25.877	53.388	26.612	0
"2014-11-18	19:00:00"	8.4475	199.1	46.106	28.692	0.1664	26.612	0
"2014-11-18	20:00:00"	8.2319	200.85	43.688	31.437	0.08606	26.615	0
"2014-11-18	21:00:00"	5.5544	216.62	40.761	37.407	0.07928	26.618	0
"2014-11-18	22:00:00"	4.0849	224.26	38.762	41.116	0.10557	26.618	0
"2014-11-18	23:00:00"	4.4689	219.7	37.496	43.982	0.10981	26.618	0
"2014-11-19	00:00:00"	5.9254	232.69	36.554	49.558	0.0973	26.601	0
"2014-11-19	01:00:00"	7.2499	233.94	35.256	55.555	0.10654	26.589	0
"2014-11-19	02:00:00"	6.9662	242.79	32.365	62.743	0.11044	26.577	0
"2014-11-19	03:00:00"	7.1936	241.91	31.567	66.275	0.07758	26.565	0
"2014-11-19	04:00:00"	5.1878	266.99	30.027	69.634	0.09581	26.562	0
"2014-11-19	05:00:00"	5.8005	257.43	31.176	67.055	0.08691	26.562	0
"2014-11-19	06:00:00"	6.3237	238.94	32.47	62.111	0.08797	26.559	0
"2014-11-19	07:00:00"	4.5472	287.55	28.759	70.887	0.07674	26.574	0
"2014-11-19	08:00:00"	5.0896	269.33	28.661	72.206	22.83	26.592	0
"2014-11-19	09:00:00"	4.2819	239.88	33.682	59.166	155.11	26.601	0
"2014-11-19	10:00:00"	3.5114	229.73	41.648	45.208	341.68	26.624	0
"2014-11-19	11:00:00"	4.1396	208.18	48.901	33.671	502.6	26.624	0
"2014-11-19	12:00:00"	5.1294	278.26	55.873	24.808	622.42	26.598	0
"2014-11-19	13:00:00"	5.3463	284.22	62.209	15.231	675.57	26.565	0
"2014-11-19	14:00:00"	5.0412	265.26	64.914	11.616	648.69	26.539	0
"2014-11-19	15:00:00"	4.8703	230.72	66.29	10.635	567.75	26.527	0
"2014-11-19	16:00:00"	4.9157	210.5	66.458	11.474	415.87	26.509	0
"2014-11-19	17:00:00"	8.9894	190.22	63.861	14.527	199.86	26.509	0
"2014-11-19	18:00:00"	3.8618	180.52	59.103	17.564	43.007	26.512	0
"2014-11-19	19:00:00"	1.1116	194.75	53.342	22.8	0.18909	26.503	0
"2014-11-19	20:00:00"	1.4907	186.97	51.046	25.536	0.05215	26.503	0
"2014-11-19	21:00:00"	1.5398	169.79	50.346	26.725	0.09624	26.503	0
"2014-11-19	22:00:00"	3.4896	179.78	47.569	31.554	0.09285	26.506	0
"2014-11-19	23:00:00"	4.7411	202.66	47.801	33.118	0.07419	26.515	0
"2014-11-20	00:00:00"	5.112	203.5	46.958	37.44	0.09497	26.5	0
"2014-11-20	01:00:00"	7.5664	197.79	44.789	47.656	0.09094	26.48	0
"2014-11-20	02:00:00"	4.4434	215.47	43.1	52.826	0.07165	26.468	0
"2014-11-20	03:00:00"	4.674	226.17	42.015	55.695	0.07907	26.459	0
"2014-11-20	04:00:00"	3.1193	245.21	38.989	65.353	0.06741	26.444	0

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"2014-11-20	05:00:00"	4.2831	226.83	40.712	61.974	0.06465	26.429	0
"2014-11-20	06:00:00"	6.5244	219.99	41.315	60.469	0.0903	26.429	0
"2014-11-20	07:00:00"	7.3869	215.9	39.561	64.609	0.10154	26.432	0
"2014-11-20	08:00:00"	6.7245	233.05	36.784	70.921	21.207	26.453	0
"2014-11-20	09:00:00"	4.18	226.52	37.656	71.215	148.94	26.459	0
"2014-11-20	10:00:00"	5.5979	214.79	44.828	56.034	331.69	26.462	0
"2014-11-20	11:00:00"	6.4598	224.16	51.758	40.456	498.08	26.462	0
"2014-11-20	12:00:00"	6.7717	232.79	60.415	25.251	611.17	26.447	0
"2014-11-20	13:00:00"	6.7245	250.37	66.904	14.152	660.82	26.418	0
"2014-11-20	14:00:00"	7.0929	243.99	69.454	11.241	643.75	26.397	0
"2014-11-20	15:00:00"	6.6586	237.99	70.501	9.5008	557.24	26.385	0
"2014-11-20	16:00:00"	5.8775	248.8	70.581	8.9164	412.03	26.382	0
"2014-11-20	17:00:00"	6.1646	234.35	69.785	8.4342	230.11	26.382	0
"2014-11-20	18:00:00"	4.0737	213.94	66.473	10.16	50.658	26.385	0
"2014-11-20	19:00:00"	2.9826	186.52	61.513	13.517	0.13736	26.394	0
"2014-11-20	20:00:00"	3.238	191.58	58.011	17.672	0.07377	26.403	0
"2014-11-20	21:00:00"	5.1779	204.16	57.586	19.408	0.06847	26.412	0
"2014-11-20	22:00:00"	4.4583	206.32	56.042	20.844	0.06762	26.418	0
"2014-11-20	23:00:00"	4.6615	221.31	54.195	23.285	0.08606	26.412	0
"2014-11-21	00:00:00"	4.1501	248.13	49.273	28.917	0.06868	26.409	0
"2014-11-21	01:00:00"	5.6401	211.09	48.429	31.683	0.0983	26.412	0
"2014-11-21	02:00:00"	5.757	213.16	46.002	42.294	0.06868	26.415	0
"2014-11-21	03:00:00"	4.7597	241.94	41.814	60.161	0.07822	26.415	0
"2014-11-21	04:00:00"	6.0391	227.54	44.761	51.193	0.08013	26.418	0
"2014-11-21	05:00:00"	5.3196	238.55	43.401	49.374	0.07674	26.423	0
"2014-11-21	06:00:00"	2.8645	322.16	38.289	55.392	0.09115	26.429	0
"2014-11-21	07:00:00"	1.9996	188.69	38.36	53.378	0.08331	26.435	0
"2014-11-21	08:00:00"	2.8894	318.54	36.478	58.534	20.957	26.447	0
"2014-11-21	09:00:00"	1.2688	325.7	41.178	53.664	108.1	26.456	0
"2014-11-21	10:00:00"	1.4764	313.63	52.42	32.943	335.07	26.465	0
"2014-11-21	11:00:00"	6.2168	187.11	59.124	25.993	485.8	26.48	0
"2014-11-21	12:00:00"	7.5043	178.92	60.525	33.788	591.09	26.456	0
"2014-11-21	13:00:00"	5.8098	180.56	63.763	25.893	648.12	26.426	0
"2014-11-21	14:00:00"	6.2684	195.16	66.569	19.919	628.2	26.397	0
"2014-11-21	15:00:00"	7.2483	188.41	68.285	18.686	544.06	26.388	0
"2014-11-21	16:00:00"	6.6418	178.41	68.816	18.136	357.85	26.382	0
"2014-11-21	17:00:00"	7.4571	156.84	67.726	20.495	156.97	26.388	0
"2014-11-21	18:00:00"	7.8342	129.31	64.894	27.268	63.073	26.391	0
"2014-11-21	19:00:00"	5.0095	112.15	59.591	38.639	0.09094	26.397	0
"2014-11-21	20:00:00"	5.9962	106.45	55.793	51.942	0.07674	26.412	0
"2014-11-21	21:00:00"	7.0898	133.74	55.471	63.245	0.07843	26.418	0
"2014-11-21	22:00:00"	4.8983	163.13	54.651	71.739	0.08288	26.426	0
"2014-11-21	23:00:00"	1.7411	188.35	53.286	77.096	0.09921	26.429	0
"2014-11-22	00:00:00"	6.0466	144.17	55.713	79.028	0.08479	26.423	0
"2014-11-22	01:00:00"	9.0618	152.95	56.536	80.879	0.0983	26.409	0
"2014-11-22	02:00:00"	7.6677	156.29	56.297	83.169	0.07695	26.403	0
"2014-11-22	03:00:00"	6.3541	157.15	56.441	84.418	0.09793	26.403	0

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"2014-11-22	04:00:00"	5.8738	148.04	56.52	84.693	0.07801	26.403	0
"2014-11-22	05:00:00"	2.4768	159.27	55.412	86.744	0.06911	26.391	0
"2014-11-22	06:00:00"	2.0835	57.927	54.398	87.951	0.07864	26.388	0
"2014-11-22	07:00:00"	2.7179	40.357	54.553	87.753	0.08479	26.412	0
"2014-11-22	08:00:00"	1.8778	302.1	54.368	87.29	4.2474	26.415	0
"2014-11-22	09:00:00"	4.3651	346.93	54.435	87.744	23.291	26.4	0
"2014-11-22	10:00:00"	4.7367	13.582	55.141	87.452	150.85	26.379	0
"2014-11-22	11:00:00"	4.8964	310.18	59.223	75.594	385.32	26.397	0
"2014-11-22	12:00:00"	3.5623	222.9	61.371	67.492	414.08	26.367	0
"2014-11-22	13:00:00"	4.9958	260.68	65.23	52.856	617.21	26.308	0
"2014-11-22	14:00:00"	5.2251	261.21	67.694	46.152	589.5	26.288	0
"2014-11-22	15:00:00"	5.5035	276.05	69.084	39.466	490.29	26.255	0
"2014-11-22	16:00:00"	8.7595	303.28	70.203	28.942	336.1	26.246	0
"2014-11-22	17:00:00"	10.619	287.59	69.078	25.336	210.58	26.249	0
"2014-11-22	18:00:00"	5.1574	287.36	65.199	26.67	44.095	26.252	0
"2014-11-22	19:00:00"	2.2258	287.88	58.886	34.665	0.12125	26.249	0
"2014-11-22	20:00:00"	4.6311	271.58	57.655	35.793	0.08034	26.246	0
"2014-11-22	21:00:00"	5.949	264.04	57.229	33.481	0.08924	26.249	0
"2014-11-22	22:00:00"	8.455	271.21	56.906	32.372	0.08924	26.24	0
"2014-11-22	23:00:00"	7.0265	284.48	54.373	35.809	0.1009	26.234	0
"2014-11-23	00:00:00"	3.8618	280.67	49.528	42.764	0.08437	26.202	0
"2014-11-23	01:00:00"	4.8209	209.06	49.306	42.836	0.08604	26.169	0
"2014-11-23	02:00:00"	4.5025	217.02	48.089	44.882	0.09772	26.146	0
"2014-11-23	03:00:00"	4.2421	257.89	47.433	44.503	0.09433	26.125	0
"2014-11-23	04:00:00"	5.506	285.74	49.014	38.699	0.06338	26.122	0
"2014-11-23	05:00:00"	6.9494	286.25	48.706	37.718	0.11256	26.113	0
"2014-11-23	06:00:00"	6.7431	293.51	49.161	34.481	0.09136	26.128	0
"2014-11-23	07:00:00"	3.7904	306.27	44.344	42.518	0.08522	26.134	0
"2014-11-23	08:00:00"	7.0737	304.01	44.92	40.957	16.62	26.155	0
"2014-11-23	09:00:00"	10.118	298.7	50.881	31.632	134.93	26.175	0
"2014-11-23	10:00:00"	12.285	282.58	57.8	23.836	309.49	26.184	0
"2014-11-23	11:00:00"	14.692	287.23	62.395	20.549	472.33	26.19	0
"2014-11-23	12:00:00"	14.49	299.06	64.943	19.316	585.75	26.172	0
"2014-11-23	13:00:00"	17.191	303.04	66.581	19.649	633.77	26.146	0
"2014-11-23	14:00:00"	19.028	300.97	67.859	18.314	609.63	26.125	0
"2014-11-23	15:00:00"	19.277	297.42	67.737	17.716	518.13	26.131	0
"2014-11-23	16:00:00"	20.093	308.13	66.186	19.122	377.57	26.14	0
"2014-11-23	17:00:00"	23.198	326.82	62.705	21.636	201.03	26.19	0
"2014-11-23	18:00:00"	21.178	1.3333	54.26	34.424	40.347	26.252	0
"2014-11-23	19:00:00"	19.446	18.02	45.986	49.269	0.11002	26.311	0
"2014-11-23	20:00:00"	13.065	23.781	42.54	55.917	0.08543	26.344	0
"2014-11-23	21:00:00"	10.638	4.2456	40.859	60.011	0.0831	26.37	0
"2014-11-23	22:00:00"	9.6567	338.68	38.539	63.948	0.08225	26.382	0
"2014-11-23	23:00:00"	6.0248	308.75	36.671	68.714	0.10875	26.403	0
"2014-11-24	00:00:00"	4.403	306.63	35.024	71.239	0.08924	26.415	0
"2014-11-24	01:00:00"	4.3279	339.55	33.891	72.041	0.09348	26.426	0
"2014-11-24	02:00:00"	4.7995	263.77	34.417	68.817	0.10684	26.429	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-24	03:00:00"	5.5277	262.03	33.765	73.395	0.09751	26.447	0
"2014-11-24	04:00:00"	4.9144	266.55	31.93	78.886	0.092	26.45	0
"2014-11-24	05:00:00"	4.7143	283.49	32.656	80.69	0.09581	26.447	0
"2014-11-24	06:00:00"	3.5194	298.14	31.272	83.773	0.08373	26.444	0
"2014-11-24	07:00:00"	3.4586	302.88	29.882	86.059	0.0973	26.453	0
"2014-11-24	08:00:00"	7.6391	315.6	31.227	80.211	15.388	26.468	0
"2014-11-24	09:00:00"	8.8856	316.6	34.02	68.967	136.54	26.5	0
"2014-11-24	10:00:00"	12.491	323.56	40.693	45.319	317.53	26.515	0
"2014-11-24	11:00:00"	14.883	331.45	47.294	27.658	471.5	26.515	0
"2014-11-24	12:00:00"	12.48	336.37	50.22	22.546	588.32	26.494	0
"2014-11-24	13:00:00"	11.132	317.9	51.876	18.219	654.18	26.474	0
"2014-11-24	14:00:00"	8.4252	309.72	52.599	15.696	636.63	26.453	0
"2014-11-24	15:00:00"	8.6911	304.87	54.247	13.948	549.9	26.444	0
"2014-11-24	16:00:00"	10.169	313.72	55.258	13.267	404.98	26.429	0
"2014-11-24	17:00:00"	6.9165	313.86	55.348	11.983	222.47	26.432	0
"2014-11-24	18:00:00"	4.147	319.51	51.921	14.081	47.211	26.45	0
"2014-11-24	19:00:00"	2.6011	311.18	45.705	19.613	0.13185	26.471	0
"2014-11-24	20:00:00"	6.0105	320.65	44.987	22.148	0.07652	26.503	0
"2014-11-24	21:00:00"	4.572	314.19	44.341	24.801	0.09094	26.524	0
"2014-11-24	22:00:00"	4.4397	306.12	39.764	31.312	0.07525	26.545	0
"2014-11-24	23:00:00"	5.8129	321.24	35.254	40.298	0.11023	26.565	0
"2014-11-25	00:00:00"	10.14	349.08	37.764	36.467	0.10217	26.58	0
"2014-11-25	01:00:00"	11.036	1.586	36.792	38.453	0.08946	26.601	0
"2014-11-25	02:00:00"	11.884	0.91864	36.643	40.093	0.08712	26.627	0
"2014-11-25	03:00:00"	12.498	356.34	35.553	37.308	0.09009	26.651	0
"2014-11-25	04:00:00"	14.002	354.23	34.337	34.128	0.07928	26.669	0
"2014-11-25	05:00:00"	15.622	358.22	33.539	42.803	0.07462	26.692	0
"2014-11-25	06:00:00"	13.346	359.88	32.518	50.5	0.09221	26.71	0
"2014-11-25	07:00:00"	12.636	355.39	31.758	54.395	0.11722	26.731	0
"2014-11-25	08:00:00"	11.038	351.03	30.964	57.448	16.089	26.742	0
"2014-11-25	09:00:00"	9.0639	3.137	34.894	51.28	134.8	26.763	0
"2014-11-25	10:00:00"	6.891	353.91	40.41	43.736	314.22	26.775	0
"2014-11-25	11:00:00"	4.8001	289.7	44.259	37.705	477.57	26.769	0
"2014-11-25	12:00:00"	5.1474	265.32	47.058	32.394	592.13	26.736	0
"2014-11-25	13:00:00"	8.3127	231.88	49.781	25.925	644.77	26.701	0
"2014-11-25	14:00:00"	10.855	238.86	52.633	20.802	626.51	26.642	0
"2014-11-25	15:00:00"	12.05	245.85	53.844	18.859	541.67	26.612	0
"2014-11-25	16:00:00"	13.545	235.82	53.581	19.46	397.31	26.586	0
"2014-11-25	17:00:00"	15.191	224.91	52.901	20.565	217.57	26.568	0
"2014-11-25	18:00:00"	8.204	229.05	51.528	18.136	46.105	26.559	0
"2014-11-25	19:00:00"	3.7102	229.78	46.666	21.823	0.13058	26.547	0
"2014-11-25	20:00:00"	4.6901	226.36	44.248	25.839	0.09518	26.542	0
"2014-11-25	21:00:00"	2.3631	272.11	39.446	32.877	0.09921	26.533	0
"2014-11-25	22:00:00"	3.4996	267.07	40.219	30.692	0.07589	26.527	0
"2014-11-25	23:00:00"	5.1425	282.45	40.216	30.953	0.09518	26.533	0
"2014-11-26	00:00:00"	5.0045	277.62	39.862	31.343	0.1009	26.536	0
"2014-11-26	01:00:00"	5.4252	266.3	39.856	31.15	0.08882	26.53	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-26	02:00:00"	7.3608	282.83	41.37	28.806	0.09475	26.524	0
"2014-11-26	03:00:00"	8.2356	285.09	42.568	26.865	0.09327	26.527	0
"2014-11-26	04:00:00"	6.2435	301.11	40.586	29.336	0.10408	26.533	0
"2014-11-26	05:00:00"	5.9272	292.58	40.356	29.968	0.08437	26.545	0
"2014-11-26	06:00:00"	8.9303	311.93	40.793	29.029	0.08946	26.553	0
"2014-11-26	07:00:00"	8.5395	295.36	40.934	28.683	0.07716	26.574	0
"2014-11-26	08:00:00"	5.0114	269.21	36.998	34.924	15.083	26.604	0
"2014-11-26	09:00:00"	3.9544	233.78	41.669	31.545	130.09	26.63	0
"2014-11-26	10:00:00"	5.0474	267.06	49.961	27.294	306.03	26.669	0
"2014-11-26	11:00:00"	12.07	10.685	57.157	22.589	468.95	26.686	0
"2014-11-26	12:00:00"	11.946	11.128	56.334	23.143	582.01	26.677	0
"2014-11-26	13:00:00"	8.67	20.144	56.539	25.717	632.28	26.654	0
"2014-11-26	14:00:00"	5.7495	57.03	57.275	26.884	614.77	26.642	0
"2014-11-26	15:00:00"	3.6661	101.8	58.922	25.979	531.59	26.639	0
"2014-11-26	16:00:00"	3.1771	84.595	59.926	25.473	389.9	26.642	0
"2014-11-26	17:00:00"	3.7823	80.405	59.828	26.429	212.42	26.648	0
"2014-11-26	18:00:00"	4.2763	105.23	56.657	30.98	43.341	26.66	0
"2014-11-26	19:00:00"	4.0197	95.727	49.716	39.503	0.13016	26.677	0
"2014-11-26	20:00:00"	6.0863	91.124	47.473	43.27	0.08691	26.689	0
"2014-11-26	21:00:00"	6.3088	89.109	44.993	48.667	0.06105	26.704	0
"2014-11-26	22:00:00"	5.6532	93.169	43.078	52.394	0.09984	26.716	0
"2014-11-26	23:00:00"	4.2955	79.735	41.163	56.891	0.09221	26.734	0
"2014-11-27	00:00:00"	4.2085	71.928	39.59	60.434	0.09624	26.751	0
"2014-11-27	01:00:00"	4.8815	56.135	36.805	67.179	0.10133	26.766	0
"2014-11-27	02:00:00"	4.4341	54.048	36.531	69.459	0.08882	26.772	0
"2014-11-27	03:00:00"	3.8482	33.865	34.231	75.874	0.07525	26.775	0
"2014-11-27	04:00:00"	3.2373	32.941	33.642	77.968	0.08225	26.781	0
"2014-11-27	05:00:00"	2.9229	66.315	35.259	75.897	0.09433	26.784	0
"2014-11-27	06:00:00"	3.3038	9.4253	32.67	80.927	0.09687	26.79	0
"2014-11-27	07:00:00"	2.9534	331.03	31.736	83.853	0.08076	26.807	0
"2014-11-27	08:00:00"	3.786	18.069	31.717	83.432	13.546	26.825	0
"2014-11-27	09:00:00"	4.8144	74.96	35.635	79.248	125.41	26.831	0
"2014-11-27	10:00:00"	10.419	140.24	43.804	62.402	300.06	26.834	0
"2014-11-27	11:00:00"	11.401	151.4	48.864	49.806	462.1	26.834	0
"2014-11-27	12:00:00"	10.406	162.41	52.201	42.618	575.01	26.81	0
"2014-11-27	13:00:00"	8.6271	174.92	54.938	38.409	626.21	26.775	0
"2014-11-27	14:00:00"	9.2671	178.03	57.793	32.636	610.83	26.742	0
"2014-11-27	15:00:00"	9.8363	176.28	59.585	30.29	529	26.722	0
"2014-11-27	16:00:00"	10.461	185.61	60.559	27.759	389.77	26.707	0
"2014-11-27	17:00:00"	9.5604	184.38	60.203	27.138	214.1	26.698	0
"2014-11-27	18:00:00"	7.413	188.75	57.977	29.103	44.313	26.698	0
"2014-11-27	19:00:00"	3.9451	182.13	51.975	36.75	0.13757	26.698	0
"2014-11-27	20:00:00"	2.3115	193.23	48.809	42.322	0.07737	26.701	0
"2014-11-27	21:00:00"	2.2214	182.71	47.03	46.659	0.08098	26.686	0
"2014-11-27	22:00:00"	3.4635	179.33	46.416	47.657	0.10429	26.68	0
"2014-11-27	23:00:00"	6.1541	187.34	45.544	48.514	0.08903	26.669	0
"2014-11-28	00:00:00"	8.9564	202.24	45.351	50.143	0.08288	26.66	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-28"	01:00:00"	4.3782	215.18	43.523	54.816	0.08204	26.645	0
"2014-11-28"	02:00:00"	4.001	219.54	41.683	58.646	0.09073	26.627	0
"2014-11-28"	03:00:00"	5.2667	231.96	40.743	62.501	0.10387	26.621	0
"2014-11-28"	04:00:00"	4.9144	231.67	40.354	65.873	0.10366	26.607	0
"2014-11-28"	05:00:00"	4.3397	238.97	40	68.85	0.08649	26.592	0
"2014-11-28"	06:00:00"	6.0689	222.35	39.891	71.001	0.09984	26.58	0
"2014-11-28"	07:00:00"	6.3436	232.19	39.243	73.084	0.09666	26.574	0
"2014-11-28"	08:00:00"	4.5093	247.17	37.065	78.269	13.538	26.577	0
"2014-11-28"	09:00:00"	4.6255	229.01	39.571	74.362	126.19	26.586	0
"2014-11-28"	10:00:00"	6.2932	223.7	44.244	63.476	302.7	26.589	0
"2014-11-28"	11:00:00"	6.0186	217.78	52.086	46.25	465.55	26.577	0
"2014-11-28"	12:00:00"	7.0929	213.36	59.691	31.404	569.71	26.553	0
"2014-11-28"	13:00:00"	7.6571	222.31	64.564	23.753	635.44	26.515	0
"2014-11-28"	14:00:00"	10.474	221.62	68.443	19.343	618.16	26.488	0
"2014-11-28"	15:00:00"	12.506	225.53	71.204	16.204	526.52	26.468	0
"2014-11-28"	16:00:00"	11.7	224.21	72.61	14.953	394.88	26.453	0
"2014-11-28"	17:00:00"	11.047	221.76	72.716	13.889	217.01	26.45	0
"2014-11-28"	18:00:00"	4.8747	210.77	69.131	15.514	44.63	26.447	0
"2014-11-28"	19:00:00"	8.7719	183.83	63.742	18.587	0.11744	26.444	0
"2014-11-28"	20:00:00"	7.2284	195.2	60.207	20.832	0.0708	26.441	0
"2014-11-28"	21:00:00"	6.4393	208.04	56.35	22.827	0.06847	26.435	0
"2014-11-28"	22:00:00"	6.5803	190.26	54.006	25.154	0.10302	26.429	0
"2014-11-28"	23:00:00"	6.8295	195.95	53.548	26.311	0.08119	26.426	0
"2014-11-29"	00:00:00"	6.6953	196.17	50.459	30.186	0.09369	26.415	0
"2014-11-29"	01:00:00"	10.146	196.31	47.973	33.908	0.08861	26.406	0
"2014-11-29"	02:00:00"	9.2764	204.66	45.34	44.63	0.07674	26.394	0
"2014-11-29"	03:00:00"	3.5859	277.93	40.079	55.089	0.08119	26.391	0
"2014-11-29"	04:00:00"	4.8535	251.2	39.42	59.459	0.0956	26.382	0
"2014-11-29"	05:00:00"	4.9971	240.68	39.603	60.2	0.11108	26.373	0
"2014-11-29"	06:00:00"	4.8231	240.17	38.578	64.298	0.08522	26.37	0
"2014-11-29"	07:00:00"	5.0368	237.76	39.939	61.039	0.06232	26.376	0
"2014-11-29"	08:00:00"	5.5725	239.02	38.813	64.651	13.472	26.385	0
"2014-11-29"	09:00:00"	5.1934	200	41.355	63.418	127.7	26.391	0
"2014-11-29"	10:00:00"	7.316	219.26	46.54	51.109	305.84	26.397	0
"2014-11-29"	11:00:00"	7.0414	218.6	53.205	37.446	470.65	26.4	0
"2014-11-29"	12:00:00"	7.2334	216.7	61.027	27.214	586.76	26.382	0
"2014-11-29"	13:00:00"	9.3833	226	69.436	16.265	639.55	26.35	0
"2014-11-29"	14:00:00"	8.9844	211.84	71.284	14.77	623.25	26.323	0
"2014-11-29"	15:00:00"	9.2671	209.89	72.326	13.355	538.95	26.314	0
"2014-11-29"	16:00:00"	8.8067	211.96	73.939	12.408	394.54	26.308	0
"2014-11-29"	17:00:00"	8.2767	199.67	73.511	12.14	216.02	26.308	0
"2014-11-29"	18:00:00"	6.7705	196.58	70.173	14.046	44.343	26.314	0
"2014-11-29"	19:00:00"	5.0461	188.99	64.73	16.501	0.1062	26.317	0
"2014-11-29"	20:00:00"	5.4444	196.29	63.514	16.23	0.09581	26.326	0
"2014-11-29"	21:00:00"	6.6269	192.58	59.249	20.938	0.09539	26.338	0
"2014-11-29"	22:00:00"	4.5074	214.96	56.158	24.845	0.06635	26.344	0
"2014-11-29"	23:00:00"	1.9766	225.61	51.66	29.888	0.10451	26.353	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-11-30"	00:00:00"	5.1114	193.09	50.603	31.29	0.08119	26.353	0
"2014-11-30"	01:00:00"	6.2398	190.86	48.358	33.662	0.09475	26.35	0
"2014-11-30"	02:00:00"	4.408	212.3	49.653	31.279	0.08946	26.353	0
"2014-11-30"	03:00:00"	4.8691	210.06	46.498	35.049	0.08458	26.358	0
"2014-11-30"	04:00:00"	5.3158	229.25	45.99	35.993	0.09433	26.353	0
"2014-11-30"	05:00:00"	6.3075	224.5	45.887	37.502	0.07186	26.356	0
"2014-11-30"	06:00:00"	2.8527	265.02	41.276	44.943	0.07059	26.364	0
"2014-11-30"	07:00:00"	5.1207	232.41	42.232	52.091	0.09391	26.388	0
"2014-11-30"	08:00:00"	3.7779	252.44	41.667	44.037	14.041	26.409	0
"2014-11-30"	09:00:00"	2.4439	245.84	46.637	36.049	114.68	26.435	0
"2014-11-30"	10:00:00"	3.7413	242.6	54.212	29.277	304.3	26.462	0
"2014-11-30"	11:00:00"	7.2278	275.42	63.748	20.517	467.97	26.477	0
"2014-11-30"	12:00:00"	8.3407	281.2	70.802	14.538	583.26	26.465	0
"2014-11-30"	13:00:00"	8.5625	277.79	72.713	12.8	634	26.438	0
"2014-11-30"	14:00:00"	7.6801	274.09	74.803	10.857	619.23	26.418	0
"2014-11-30"	15:00:00"	7.5254	269.95	75.949	9.3864	536.33	26.409	0
"2014-11-30"	16:00:00"	6.1031	256.36	76.51	9.025	394.77	26.412	0
"2014-11-30"	17:00:00"	5.8055	251.66	75.712	9.5431	215.53	26.426	0
"2014-11-30"	18:00:00"	3.6257	227.08	70.807	12.154	27.211	26.441	0
"2014-11-30"	19:00:00"	3.837	193.91	66.214	15.221	0.08394	26.459	0
"2014-11-30"	20:00:00"	3.4175	171.95	62.087	17.549	0.07017	26.468	0
"2014-11-30"	21:00:00"	3.644	174.43	58.847	20.989	0.08055	26.488	0
"2014-11-30"	22:00:00"	3.1187	201.14	57.866	21.34	0.05723	26.497	0
"2014-11-30"	23:00:00"	1.6491	260.55	54.648	24.399	0.07652	26.497	0
"2014-12-01"	00:00:00"	1.1042	23.466	49.611	31.086	0.09242	26.5	0
"2014-12-01"	01:00:00"	3.5314	170.9	48.548	33.695	0.08413	26.539	0
"2014-12-01"	02:00:00"	10.97	31.791	43.536	43.501	0.1026	26.583	0
"2014-12-01"	03:00:00"	15.793	42.062	37.59	53.836	0.08034	26.609	0
"2014-12-01"	04:00:00"	16.827	35.983	32.352	56.472	0.0884	26.657	0
"2014-12-01"	05:00:00"	17.809	27.999	27.653	54.285	0.08797	26.68	0
"2014-12-01"	06:00:00"	17.626	23.051	24.255	49.627	0.11956	26.719	0
"2014-12-01"	07:00:00"	16.089	15.165	22.638	46.923	0.08882	26.757	0
"2014-12-01"	08:00:00"	15.542	7.4954	21.789	47.744	9.2086	26.804	0
"2014-12-01"	09:00:00"	15.979	5.3576	22.313	45.427	117.24	26.831	0
"2014-12-01"	10:00:00"	14.516	5.7213	23.969	41.359	289.45	26.869	0
"2014-12-01"	11:00:00"	13.599	3.0936	26.366	37.109	453.34	26.869	0
"2014-12-01"	12:00:00"	10.801	4.0521	29.181	33.6	567.31	26.84	0
"2014-12-01"	13:00:00"	9.5964	1.416	32.148	31.119	581.42	26.801	0
"2014-12-01"	14:00:00"	7.4931	1.7005	34.655	29.474	594.4	26.781	0
"2014-12-01"	15:00:00"	5.5513	352.97	37.156	27.823	479.84	26.772	0
"2014-12-01"	16:00:00"	5.3102	344.92	38.454	27.549	289.82	26.751	0
"2014-12-01"	17:00:00"	5.4581	355.06	38.468	28.072	147.37	26.754	0
"2014-12-01"	18:00:00"	3.5437	359.68	37.305	30.079	34.996	26.742	0
"2014-12-01"	19:00:00"	2.6707	356.12	34.787	33.483	0.20626	26.745	0
"2014-12-01"	20:00:00"	3.0168	320.29	32.613	37.679	0.08649	26.745	0
"2014-12-01"	21:00:00"	2.5619	200.33	33.389	37.013	0.09454	26.751	0
"2014-12-01"	22:00:00"	2.6265	162.87	31.257	40.828	0.09603	26.76	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-01	23:00:00"	2.6756	160.98	31.764	40.212	0.10472	26.745	0
"2014-12-02	00:00:00"	3.9936	157.81	31.029	40.42	0.10175	26.739	0
"2014-12-02	01:00:00"	3.9333	186.17	30.003	42.424	0.09963	26.689	0
"2014-12-02	02:00:00"	6.0174	231.83	28.681	44.686	0.09751	26.692	0
"2014-12-02	03:00:00"	4.4677	289.43	26.36	51.042	0.11214	26.663	0
"2014-12-02	04:00:00"	6.1603	256.47	28.55	45.133	0.10196	26.66	0
"2014-12-02	05:00:00"	5.4351	236.38	28.767	44.597	0.10747	26.621	0
"2014-12-02	06:00:00"	6.2957	244.81	29.544	42.87	0.09158	26.612	0
"2014-12-02	07:00:00"	5.6657	225.42	30.073	43.995	0.09433	26.612	0
"2014-12-02	08:00:00"	4.3117	223.02	28.638	49.639	10.061	26.609	0
"2014-12-02	09:00:00"	7.5062	200.89	31.735	44.311	116.84	26.601	0
"2014-12-02	10:00:00"	9.2771	194.2	35.897	42.999	227.59	26.612	0
"2014-12-02	11:00:00"	6.4405	206.53	38.326	47.255	325.18	26.624	0
"2014-12-02	12:00:00"	6.3081	216.37	43.049	42.421	647.26	26.595	0
"2014-12-02	13:00:00"	5.3575	203.06	47.075	37.321	621.32	26.553	0
"2014-12-02	14:00:00"	5.8527	184.95	49.048	37.031	415.56	26.521	0
"2014-12-02	15:00:00"	7.5795	186.91	52.663	34.259	418.2	26.506	0
"2014-12-02	16:00:00"	8.0573	188.08	54.184	35.554	331.12	26.48	0
"2014-12-02	17:00:00"	8.0331	190.4	55.126	36.64	219.35	26.477	0
"2014-12-02	18:00:00"	5.6868	199.33	54.116	38.203	40.177	26.477	0
"2014-12-02	19:00:00"	5.7955	203.65	52.915	41.363	0.09158	26.483	0
"2014-12-02	20:00:00"	5.8241	199.55	51.249	46.774	0.10535	26.491	0
"2014-12-02	21:00:00"	3.8674	234.79	49.039	49.547	0.07207	26.48	0
"2014-12-02	22:00:00"	3.7276	216.17	48.947	50.569	0.09221	26.474	0
"2014-12-02	23:00:00"	4.2943	195.04	48.187	54.605	0.09687	26.483	0
"2014-12-03	00:00:00"	5.2543	202.43	48.852	55.709	0.09136	26.468	0
"2014-12-03	01:00:00"	6.2373	194.85	47.809	60.73	0.07716	26.453	0
"2014-12-03	02:00:00"	5.0269	213.22	46.931	63.33	0.08861	26.444	0
"2014-12-03	03:00:00"	4.9753	222.64	45.69	65.281	0.09242	26.438	0
"2014-12-03	04:00:00"	5.0461	222.6	44.808	66.133	0.092	26.447	0
"2014-12-03	05:00:00"	3.7208	244.89	43.816	67.955	0.07017	26.441	0
"2014-12-03	06:00:00"	2.3072	247.96	43.441	68.812	0.09921	26.453	0
"2014-12-03	07:00:00"	2.4905	246.79	43.962	68.164	0.0884	26.462	0
"2014-12-03	08:00:00"	2.6744	264.8	44.472	67.191	2.9489	26.483	0
"2014-12-03	09:00:00"	3.3535	237.52	44.97	66.713	73.479	26.503	0
"2014-12-03	10:00:00"	3.8482	226.25	49.139	58.493	199.73	26.515	0
"2014-12-03	11:00:00"	4.2663	243.03	55.252	45.449	307.55	26.521	0
"2014-12-03	12:00:00"	4.2309	241.6	61.136	36.845	502.04	26.512	0
"2014-12-03	13:00:00"	3.9619	286.67	69.023	22.065	598.24	26.485	0
"2014-12-03	14:00:00"	4.8411	306.39	73.702	14.436	543.13	26.456	0.1
"2014-12-03	15:00:00"	4.4391	318.87	75.574	12.028	465.68	26.447	0
"2014-12-03	16:00:00"	4.9654	345.27	75.117	13.7	221.32	26.45	0
"2014-12-03	17:00:00"	4.0998	9.4279	73.234	17.511	148.45	26.45	0
"2014-12-03	18:00:00"	5.4351	95.892	67.754	18.391	21.208	26.471	0
"2014-12-03	19:00:00"	4.2893	78.871	60.429	22.973	0.08564	26.497	0
"2014-12-03	20:00:00"	4.0439	58.874	54.733	28.24	0.0761	26.503	0
"2014-12-03	21:00:00"	4.4353	65.283	52.47	30.504	0.09073	26.5	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-03	22:00:00"	4.0296	84.371	50.645	34.893	0.08119	26.509	0
"2014-12-03	23:00:00"	4.7616	57.151	48.146	48.383	0.08437	26.509	0
"2014-12-04	00:00:00"	4.1265	53.025	45.789	61.195	0.09009	26.506	0
"2014-12-04	01:00:00"	4.4372	52.578	43.99	68.559	0.09815	26.491	0
"2014-12-04	02:00:00"	5.2997	35.791	42.395	74.091	0.09815	26.48	0
"2014-12-04	03:00:00"	6.4821	15.825	41.024	75.937	0.0831	26.483	0
"2014-12-04	04:00:00"	6.5368	19.539	39.989	80.733	0.0778	26.459	0
"2014-12-04	05:00:00"	5.9801	23.092	39.679	83.537	0.08818	26.459	0
"2014-12-04	06:00:00"	4.7734	57.219	39.273	87.724	0.10005	26.462	0
"2014-12-04	07:00:00"	3.7761	81.323	39.2	92.18	0.08373	26.471	0
"2014-12-04	08:00:00"	3.1789	136.04	40.381	92.769	3.2	26.485	0
"2014-12-04	09:00:00"	5.5159	168.96	44.531	92.815	34.753	26.494	0
"2014-12-04	10:00:00"	7.0308	158.98	46.588	92.55	79.526	26.5	0
"2014-12-04	11:00:00"	3.7189	167.02	47.846	92.446	84.979	26.509	0
"2014-12-04	12:00:00"	6.7257	167.37	48.452	91.997	171.09	26.477	0
"2014-12-04	13:00:00"	7.2104	169.05	51.108	83.756	307.75	26.438	0
"2014-12-04	14:00:00"	7.3993	190.91	53.768	76.95	224.14	26.42	0
"2014-12-04	15:00:00"	5.3171	190.99	55.807	72.733	146.11	26.388	0
"2014-12-04	16:00:00"	7.0743	154.57	57.559	67.577	129.03	26.376	0
"2014-12-04	17:00:00"	6.3709	140.21	58.614	64.781	71.265	26.376	0
"2014-12-04	18:00:00"	5.4917	151.8	57.292	66.082	15.385	26.388	0
"2014-12-04	19:00:00"	3.8177	174.36	55.243	70.736	0.08522	26.412	0
"2014-12-04	20:00:00"	3.2411	168	54.121	73.681	0.08161	26.415	0
"2014-12-04	21:00:00"	5.1039	183.76	53.741	76.51	0.09666	26.426	0
"2014-12-04	22:00:00"	5.4817	195.95	53.26	78.841	0.05639	26.42	0
"2014-12-04	23:00:00"	3.6276	190.77	50.93	83.818	0.09073	26.418	0
"2014-12-05	00:00:00"	7.9604	195.29	50.805	86.48	0.09624	26.415	0
"2014-12-05	01:00:00"	4.6218	198.13	48.81	89.588	0.08691	26.409	0
"2014-12-05	02:00:00"	6.8693	196.37	48.425	91.65	0.08564	26.403	0
"2014-12-05	03:00:00"	5.3991	204.94	47.767	92.203	0.05914	26.412	0
"2014-12-05	04:00:00"	6.8407	220.64	46.144	92.486	0.06126	26.418	0
"2014-12-05	05:00:00"	4.1576	232.66	45.96	92.737	0.09942	26.426	0
"2014-12-05	06:00:00"	4.3136	225.7	44.206	92.773	0.08628	26.45	0
"2014-12-05	07:00:00"	7.5503	310.16	40.969	92.929	0.10493	26.477	0
"2014-12-05	08:00:00"	4.8119	277.44	42.954	93.367	10.948	26.497	0
"2014-12-05	09:00:00"	5.8527	281.65	44.908	91.258	116.61	26.518	0
"2014-12-05	10:00:00"	13.403	315.6	52.936	67.193	274.03	26.545	0
"2014-12-05	11:00:00"	15.275	317.01	60.803	46.405	442.83	26.571	0
"2014-12-05	12:00:00"	14.047	330.43	64.339	39.409	561.15	26.574	0
"2014-12-05	13:00:00"	12.744	339.78	66.434	34.259	612.93	26.559	0
"2014-12-05	14:00:00"	11.256	345.06	68.034	30.487	596.96	26.553	0
"2014-12-05	15:00:00"	10.137	339.82	68.843	29.191	513.93	26.553	0
"2014-12-05	16:00:00"	8.5407	337.18	69.071	29.164	352.46	26.571	0
"2014-12-05	17:00:00"	5.6905	349.24	67.653	29.777	115.4	26.592	0
"2014-12-05	18:00:00"	0.83947	356.86	62.854	35.072	25.418	26.604	0
"2014-12-05	19:00:00"	1.2278	53.786	56.967	43.754	0.0797	26.627	0
"2014-12-05	20:00:00"	3.1081	86.368	54.864	46.316	0.06487	26.657	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-05	21:00:00"	4.0203	61.447	50.61	51.647	0.06614	26.674	0
"2014-12-05	22:00:00"	3.9824	43.64	46.768	58.984	0.08712	26.695	0
"2014-12-05	23:00:00"	4.9977	43.041	45.952	62.585	0.08967	26.71	0
"2014-12-06	00:00:00"	5.0368	40.289	44.071	68.077	0.0973	26.722	0
"2014-12-06	01:00:00"	6.3815	33.581	44.885	70.316	0.07419	26.725	0
"2014-12-06	02:00:00"	6.0714	34.434	43.508	73.695	0.0797	26.734	0
"2014-12-06	03:00:00"	6.0919	35.197	44.03	74.478	0.11489	26.745	0
"2014-12-06	04:00:00"	6.4809	37.535	43.72	75.621	0.10557	26.745	0
"2014-12-06	05:00:00"	6.4094	34.944	41.755	78.961	0.08649	26.742	0
"2014-12-06	06:00:00"	6.1615	33.979	40.572	81.158	0.07907	26.748	0
"2014-12-06	07:00:00"	4.8883	39.83	40.201	82.591	0.09645	26.775	0
"2014-12-06	08:00:00"	3.2287	21.809	39.512	84.678	5.227	26.798	0
"2014-12-06	09:00:00"	3.1696	33.419	41.832	83.315	52.589	26.822	0
"2014-12-06	10:00:00"	3.4555	60.25	45.781	78.361	188.91	26.849	0
"2014-12-06	11:00:00"	7.3098	109.99	51.619	68.423	429.26	26.855	0
"2014-12-06	12:00:00"	6.9991	119.11	55.675	54.524	547.54	26.84	0
"2014-12-06	13:00:00"	10.309	121.27	58.131	45.511	565.72	26.804	0
"2014-12-06	14:00:00"	9.3796	109.32	58.892	43.519	424.71	26.778	0
"2014-12-06	15:00:00"	9.3311	98.502	60.129	41.128	417.66	26.76	0
"2014-12-06	16:00:00"	10.254	101.15	60.079	41.538	330.01	26.748	0
"2014-12-06	17:00:00"	11.486	104.72	59.344	41.288	180.16	26.739	0
"2014-12-06	18:00:00"	8.0635	103.09	56.418	45.325	35.04	26.745	0
"2014-12-06	19:00:00"	3.4238	76.269	50.694	55.22	0.07843	26.76	0
"2014-12-06	20:00:00"	4.9529	87.858	49.95	59.564	0.0797	26.772	0
"2014-12-06	21:00:00"	5.675	89.075	49.104	63.466	0.08352	26.772	0
"2014-12-06	22:00:00"	5.6023	82.524	48.876	65.307	0.08988	26.775	0
"2014-12-06	23:00:00"	6.4212	82.168	48.818	66.372	0.085	26.784	0
"2014-12-07	00:00:00"	5.8446	87.045	47.551	70.08	0.08437	26.775	0
"2014-12-07	01:00:00"	6.5219	89.286	46.579	75.128	0.08373	26.757	0
"2014-12-07	02:00:00"	5.1058	88.249	45.709	78.522	0.07652	26.751	0
"2014-12-07	03:00:00"	4.221	72.108	43.955	82.589	0.07589	26.748	0
"2014-12-07	04:00:00"	5.1561	64.476	43.709	85.654	0.11404	26.736	0
"2014-12-07	05:00:00"	4.5801	78.847	43.971	87.68	0.08437	26.728	0
"2014-12-07	06:00:00"	5.5836	108.56	44.083	88.356	0.08352	26.713	0
"2014-12-07	07:00:00"	8.6868	124.74	44.379	89.359	0.09963	26.716	0
"2014-12-07	08:00:00"	6.7742	115.4	44.376	89.13	1.8294	26.713	0
"2014-12-07	09:00:00"	8.8427	129.38	44.585	88.997	27.085	26.713	0
"2014-12-07	10:00:00"	8.176	153.4	45.109	89.143	57.612	26.739	0.01
"2014-12-07	11:00:00"	4.047	161.9	46.183	88.164	121.68	26.742	0
"2014-12-07	12:00:00"	3.535	187.35	47.86	84.587	144.05	26.725	0
"2014-12-07	13:00:00"	2.4637	187.07	48.788	82.374	149.08	26.695	0
"2014-12-07	14:00:00"	3.581	221.7	50.064	80.082	170.5	26.669	0
"2014-12-07	15:00:00"	2.9062	249.34	51.8	75.982	211.19	26.654	0
"2014-12-07	16:00:00"	5.2121	179.46	52.431	74.666	221.19	26.639	0
"2014-12-07	17:00:00"	4.8075	165.5	52.228	75.494	163.77	26.636	0
"2014-12-07	18:00:00"	4.2409	160.83	50.709	79.765	32.478	26.636	0
"2014-12-07	19:00:00"	4.7498	170.3	48.93	84.193	0.1291	26.645	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-07	20:00:00"	3.0615	191.02	49.324	84.367	0.06826	26.654	0
"2014-12-07	21:00:00"	2.8223	227.38	47.774	86.568	0.08818	26.669	0
"2014-12-07	22:00:00"	1.4925	178.66	45.17	90.429	0.08882	26.663	0
"2014-12-07	23:00:00"	1.3807	340.28	40.284	91.321	0.08394	26.674	0
"2014-12-08	00:00:00"	0.97183	351.78	37.738	92.815	0.09179	26.686	0
"2014-12-08	01:00:00"	0.97409	20.096	37.124	92.865	0.07927	26.674	0
"2014-12-08	02:00:00"	1.5304	329.32	35.91	93.25	0.11383	26.677	0
"2014-12-08	03:00:00"	2.4936	314.53	36.422	93.387	0.11193	26.689	0
"2014-12-08	04:00:00"	1.687	325.57	35.099	93.476	0.09751	26.689	0
"2014-12-08	05:00:00"	2.1934	320.95	35.076	93.626	0.08182	26.692	0
"2014-12-08	06:00:00"	2.1562	317.3	35.558	93.682	0.08098	26.698	0
"2014-12-08	07:00:00"	2.9714	316.78	35.919	93.62	0.09073	26.719	0
"2014-12-08	08:00:00"	3.0826	324.29	35.442	93.694	4.2718	26.739	0
"2014-12-08	09:00:00"	1.5634	329.89	37.34	93.614	94.001	26.76	0.01
"2014-12-08	10:00:00"	3.064	302.69	45.001	92.951	261.24	26.772	0
"2014-12-08	11:00:00"	5.0219	23.577	52.641	74.004	432.43	26.769	0
"2014-12-08	12:00:00"	4.9275	75.748	58.318	55.886	553.07	26.748	0
"2014-12-08	13:00:00"	5.5669	132.77	62.147	45.552	582.4	26.716	0
"2014-12-08	14:00:00"	7.925	170.98	62.548	46.566	594.82	26.692	0
"2014-12-08	15:00:00"	7.8206	182.62	61.812	49.698	508.41	26.683	0
"2014-12-08	16:00:00"	6.8233	199.21	60.632	52.684	362.06	26.686	0
"2014-12-08	17:00:00"	6.7071	190.76	59.669	55.422	199.74	26.686	0
"2014-12-08	18:00:00"	3.9171	195.05	56.447	62.518	18.932	26.683	0
"2014-12-08	19:00:00"	3.8817	179.25	51.704	73.412	0.05702	26.692	0
"2014-12-08	20:00:00"	2.6595	169.99	48.643	81.775	0.08161	26.695	0
"2014-12-08	21:00:00"	2.3488	203.62	46.945	85.581	0.07101	26.701	0
"2014-12-08	22:00:00"	1.6094	329.14	43.824	89.961	0.09921	26.71	0
"2014-12-08	23:00:00"	1.0159	17.438	42.386	91.819	0.12973	26.716	0
"2014-12-09	00:00:00"	1.0768	343.77	41.724	92.326	0.08204	26.716	0
"2014-12-09	01:00:00"	2.122	305.37	43.942	92.885	0.08797	26.719	0
"2014-12-09	02:00:00"	1.4217	334.3	42.246	91.777	0.09687	26.704	0
"2014-12-09	03:00:00"	0.94511	353.28	41.702	92.972	0.08267	26.71	0
"2014-12-09	04:00:00"	0.74565	22.88	40.553	93.133	0.10917	26.701	0
"2014-12-09	05:00:00"	2.1239	283.53	43.205	93.107	0.08373	26.698	0
"2014-12-09	06:00:00"	3.1715	298.19	40.681	91.626	0.07313	26.704	0
"2014-12-09	07:00:00"	2.639	317.93	38.973	92.908	0.09136	26.701	0
"2014-12-09	08:00:00"	5.1425	84.176	38.669	93.168	5.8059	26.701	0
"2014-12-09	09:00:00"	6.6679	128.74	40.717	93.16	81.157	26.707	0
"2014-12-09	10:00:00"	2.9416	77.129	48.136	88.106	253.69	26.725	0
"2014-12-09	11:00:00"	10.077	156.03	52.958	78.767	227.44	26.728	0
"2014-12-09	12:00:00"	8.9167	169.56	50	86.872	132.96	26.713	0
"2014-12-09	13:00:00"	7.065	158.95	50.212	87.005	170.42	26.683	0
"2014-12-09	14:00:00"	6.6443	167	50.967	84.492	180.85	26.657	0
"2014-12-09	15:00:00"	6.2442	154.94	51.847	82.88	122.56	26.636	0
"2014-12-09	16:00:00"	7.5273	135.21	53.147	80.4	84.171	26.621	0
"2014-12-09	17:00:00"	5.6253	133.31	54.111	77.367	74.857	26.615	0
"2014-12-09	18:00:00"	5.4668	108.4	53.863	79.191	16.138	26.618	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-09	19:00:00"	5.0008	98.793	53.194	81.267	0.07483	26.612	0
"2014-12-09	20:00:00"	5.7645	112.31	52.505	83.809	0.07059	26.621	0
"2014-12-09	21:00:00"	5.0145	118.97	52.202	85.082	0.11362	26.621	0
"2014-12-09	22:00:00"	5.7005	145.94	52.672	84.371	0.06741	26.615	0
"2014-12-09	23:00:00"	3.453	155.65	52.615	84.718	0.08352	26.621	0
"2014-12-10	00:00:00"	3.8059	162.58	52.277	85.466	0.10281	26.612	0
"2014-12-10	01:00:00"	6.6505	181.6	52.378	86.057	0.10705	26.601	0
"2014-12-10	02:00:00"	9.6598	177.87	52.203	87.552	0.09094	26.577	0
"2014-12-10	03:00:00"	9.5996	181.2	51.675	88.921	0.07165	26.559	0
"2014-12-10	04:00:00"	7.3837	169.67	51.183	89.349	0.07801	26.562	0
"2014-12-10	05:00:00"	3.4405	177.82	50.9	89.87	0.08924	26.545	0
"2014-12-10	06:00:00"	3.9302	137.4	50.767	89.423	0.06338	26.536	0
"2014-12-10	07:00:00"	8.107	154.68	50.732	89.264	0.08225	26.542	0
"2014-12-10	08:00:00"	9.0608	165.84	50.883	89.142	0.65078	26.545	0
"2014-12-10	09:00:00"	9.415	169.81	50.721	89.264	30.241	26.553	0
"2014-12-10	10:00:00"	8.826	176.47	51.527	85.556	111.73	26.565	0
"2014-12-10	11:00:00"	5.9266	185.49	52.796	82.27	192.37	26.571	0
"2014-12-10	12:00:00"	2.5085	181.48	56.773	71.206	520.63	26.556	0
"2014-12-10	13:00:00"	4.4111	146.96	58.335	67.213	477.14	26.527	0
"2014-12-10	14:00:00"	5.4737	168.71	59.301	65.251	569.89	26.506	0
"2014-12-10	15:00:00"	5.1319	174.08	59.907	63.571	389.64	26.491	0
"2014-12-10	16:00:00"	5.9894	161.85	60.472	61.874	335.65	26.485	0
"2014-12-10	17:00:00"	7.4092	161.46	59.857	63.768	174.42	26.488	0
"2014-12-10	18:00:00"	5.7303	174.6	57.634	69.257	35.498	26.491	0
"2014-12-10	19:00:00"	4.124	162.87	54.53	75.713	0.11341	26.491	0
"2014-12-10	20:00:00"	6.8711	148.53	53.149	80.1	0.07356	26.497	0
"2014-12-10	21:00:00"	6.584	158.23	51.053	84.943	0.08522	26.497	0
"2014-12-10	22:00:00"	5.8552	174.68	49.682	89.283	0.08522	26.506	0
"2014-12-10	23:00:00"	7.815	191.39	50.868	92.12	0.08988	26.515	0
"2014-12-11	00:00:00"	6.9432	201.26	51.32	92.414	0.07907	26.524	0
"2014-12-11	01:00:00"	5.9484	201.58	51.083	92.53	0.07674	26.518	0
"2014-12-11	02:00:00"	5.5389	189.54	50.947	92.645	0.08628	26.518	0
"2014-12-11	03:00:00"	4.349	182.87	50.721	92.72	0.10408	26.527	0
"2014-12-11	04:00:00"	2.1245	215.64	50.661	92.776	0.11426	26.53	0
"2014-12-11	05:00:00"	2.1711	198.85	50.368	92.8	0.09242	26.527	0
"2014-12-11	06:00:00"	1.7541	38.916	50.219	92.807	0.08924	26.53	0
"2014-12-11	07:00:00"	1.6	31.603	49.984	92.871	0.1026	26.547	0.01
"2014-12-11	08:00:00"	2.2388	2.8083	49.819	92.9	1.1945	26.553	0
"2014-12-11	09:00:00"	1.7622	126.27	49.812	92.9	19.561	26.574	0
"2014-12-11	10:00:00"	2.9584	171.69	49.867	92.881	54.298	26.598	0
"2014-12-11	11:00:00"	4.1464	188.51	50.119	92.819	91.495	26.598	0
"2014-12-11	12:00:00"	4.1974	216.46	50.844	92.503	131.19	26.583	0
"2014-12-11	13:00:00"	5.1151	206.56	51.381	90.169	195.99	26.55	0
"2014-12-11	14:00:00"	4.6454	237.58	53.107	85.11	223	26.53	0
"2014-12-11	15:00:00"	4.6298	219.53	55.269	79.009	246.49	26.518	0
"2014-12-11	16:00:00"	6.1969	186.03	56.337	75.728	308.18	26.515	0
"2014-12-11	17:00:00"	6.1062	190.25	56.842	73.846	180.63	26.524	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-11	18:00:00"	5.8403	174.46	54.924	78.274	36.831	26.521	0
"2014-12-11	19:00:00"	4.2744	162.24	51.033	86.211	0.1151	26.539	0
"2014-12-11	20:00:00"	3.0453	164.06	49.071	89.996	0.11023	26.545	0
"2014-12-11	21:00:00"	4.5826	163.63	48.996	91.304	0.09073	26.559	0
"2014-12-11	22:00:00"	3.4604	167.06	48.53	91.727	0.08755	26.559	0
"2014-12-11	23:00:00"	5.1673	167.94	49.124	92.46	0.07271	26.568	0
"2014-12-12	00:00:00"	6.9805	193.26	50.486	91.972	0.07334	26.568	0
"2014-12-12	01:00:00"	7.6248	190.04	49.779	92.332	0.07864	26.568	0
"2014-12-12	02:00:00"	7.0687	184.67	49.037	92.712	0.0744	26.568	0.01
"2014-12-12	03:00:00"	5.2568	183.25	49.444	92.896	0.092	26.571	0
"2014-12-12	04:00:00"	6.776	178.8	49.992	92.9	0.08267	26.565	0
"2014-12-12	05:00:00"	5.1456	173.76	50.464	92.963	0.10811	26.565	0
"2014-12-12	06:00:00"	6.7655	184.36	50.973	93	0.10217	26.568	0
"2014-12-12	07:00:00"	9.4032	185.33	51.067	93	0.06402	26.574	0
"2014-12-12	08:00:00"	9.932	190.69	50.585	93	1.2524	26.589	0
"2014-12-12	09:00:00"	7.9914	191	50.277	93	26.641	26.607	0
"2014-12-12	10:00:00"	7.4521	194.31	50.815	93	68.737	26.624	0.01
"2014-12-12	11:00:00"	7.6012	186.57	51.691	92.96	114.7	26.621	0
"2014-12-12	12:00:00"	6.0012	185.7	52.431	92.815	215.96	26.601	0
"2014-12-12	13:00:00"	5.844	201.13	53.3	92.515	287.75	26.571	0
"2014-12-12	14:00:00"	6.7636	204.1	54.461	89.061	484.73	26.542	0
"2014-12-12	15:00:00"	7.687	187.78	57.504	75.259	485.7	26.524	0
"2014-12-12	16:00:00"	7.2787	181.08	63.297	62.421	360.51	26.521	0
"2014-12-12	17:00:00"	6.1447	183.45	63.938	58.683	191.04	26.515	0
"2014-12-12	18:00:00"	5.5259	195.58	62.138	61.129	27.434	26.518	0
"2014-12-12	19:00:00"	3.8742	182.35	58.578	67.415	0.07822	26.521	0
"2014-12-12	20:00:00"	1.3161	177.38	54.408	76.426	0.08119	26.527	0
"2014-12-12	21:00:00"	2.1009	177.51	53.344	77.703	0.07546	26.533	0
"2014-12-12	22:00:00"	5.7986	187.09	54.025	76.553	0.06677	26.539	0
"2014-12-12	23:00:00"	5.9552	207.14	53.364	82.955	0.09603	26.542	0
"2014-12-13	00:00:00"	7.4397	202.06	52.543	87.069	0.08967	26.542	0
"2014-12-13	01:00:00"	8.1853	191.06	52.536	90.232	0.07271	26.536	0
"2014-12-13	02:00:00"	9.8723	186.64	53.723	92.171	0.08861	26.524	0
"2014-12-13	03:00:00"	10.196	188.02	53.84	92.267	0.0761	26.524	0
"2014-12-13	04:00:00"	10.381	192.7	53.45	92.127	0.09518	26.515	0
"2014-12-13	05:00:00"	11.024	191.65	52.866	92.516	0.0797	26.503	0
"2014-12-13	06:00:00"	10.215	189.99	52.488	92.678	0.06826	26.494	0
"2014-12-13	07:00:00"	9.305	194.3	52.136	92.799	0.0672	26.494	0
"2014-12-13	08:00:00"	9.8431	194.57	51.555	92.852	1.9659	26.497	0
"2014-12-13	09:00:00"	10.271	192.03	51.149	92.9	42.313	26.506	0
"2014-12-13	10:00:00"	9.52	189.27	51.854	92.9	88.538	26.515	0
"2014-12-13	11:00:00"	8.8508	180.19	52.706	92.829	137.17	26.506	0
"2014-12-13	12:00:00"	9.0248	186.83	53.619	91.431	273.77	26.491	0
"2014-12-13	13:00:00"	6.9457	191.69	55.493	82.571	437	26.447	0
"2014-12-13	14:00:00"	8.7787	171.04	63.113	66.445	509.53	26.409	0
"2014-12-13	15:00:00"	10.412	181.39	66.233	57.066	474.3	26.385	0
"2014-12-13	16:00:00"	10.596	186.21	67.981	49.526	366.25	26.37	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-13	17:00:00"	9.6381	194.56	68.492	46.226	154.31	26.364	0
"2014-12-13	18:00:00"	3.9911	174.93	64.946	51.665	19.896	26.347	0
"2014-12-13	19:00:00"	9.4672	148.01	62.342	63.343	0.10048	26.347	0
"2014-12-13	20:00:00"	12.637	152.22	60.625	67.242	0.06677	26.344	0
"2014-12-13	21:00:00"	12.388	152.01	57.843	75.382	0.0797	26.347	0
"2014-12-13	22:00:00"	14.083	158.51	56.919	82.636	0.0761	26.338	0
"2014-12-13	23:00:00"	16.707	163.38	57.204	83.71	0.07886	26.314	0
"2014-12-14	00:00:00"	17.913	167.73	57.09	83.661	0.07864	26.299	0
"2014-12-14	01:00:00"	17.363	171.01	56.397	84.077	0.06699	26.279	0
"2014-12-14	02:00:00"	16.15	186.67	56.583	84.204	0.07568	26.299	0
"2014-12-14	03:00:00"	12.496	199.37	56.597	84.755	0.07101	26.296	0
"2014-12-14	04:00:00"	7.9243	204.64	55.006	86.728	0.09793	26.305	0
"2014-12-14	05:00:00"	7.723	254.39	53.004	81.103	0.08924	26.311	0
"2014-12-14	06:00:00"	8.5898	260.48	50.91	55.804	0.07631	26.311	0
"2014-12-14	07:00:00"	8.9558	256.33	49.211	44.66	0.08267	26.329	0
"2014-12-14	08:00:00"	6.7214	256.83	46.722	43.49	4.5342	26.338	0
"2014-12-14	09:00:00"	6.3983	246.94	47.774	39.512	104.62	26.353	0
"2014-12-14	10:00:00"	9.5132	249.48	51.354	34.727	274.56	26.361	0
"2014-12-14	11:00:00"	13.256	260.35	54.287	30.81	440.64	26.353	0
"2014-12-14	12:00:00"	13.752	253.16	57.385	25.584	559.26	26.326	0
"2014-12-14	13:00:00"	14.965	233.16	59.076	24.993	616.13	26.288	0
"2014-12-14	14:00:00"	16.352	231.53	60.702	22.229	603.43	26.252	0
"2014-12-14	15:00:00"	14.877	244.63	62.886	18.74	523.85	26.246	0
"2014-12-14	16:00:00"	18.423	259.99	62.924	17.134	386.36	26.252	0
"2014-12-14	17:00:00"	16.145	263.77	61.752	17.107	212.99	26.264	0
"2014-12-14	18:00:00"	12.437	263.05	58.822	18.604	45.345	26.27	0
"2014-12-14	19:00:00"	10.211	279.53	55.638	21.254	0.13461	26.288	0
"2014-12-14	20:00:00"	5.1748	303.86	49.027	27.875	0.08924	26.311	0
"2014-12-14	21:00:00"	3.5605	277.9	45.595	31.95	0.09369	26.332	0
"2014-12-14	22:00:00"	4.8933	298.18	43.094	35.753	0.09158	26.353	0
"2014-12-14	23:00:00"	4.5789	290.86	42.038	39.049	0.09751	26.367	0
"2014-12-15	00:00:00"	2.3979	300.62	39.362	44.599	0.09942	26.376	0
"2014-12-15	01:00:00"	3.3765	308.14	37.445	48.481	0.09745	26.379	0
"2014-12-15	02:00:00"	3.4331	304.65	35.693	51.397	0.12168	26.382	0
"2014-12-15	03:00:00"	4.4515	294.15	35.556	52.275	0.07695	26.388	0
"2014-12-15	04:00:00"	3.9643	292.11	35.843	50.682	0.10196	26.4	0
"2014-12-15	05:00:00"	5.3842	310.98	36.233	50.513	0.09433	26.397	0
"2014-12-15	06:00:00"	5.6756	308.79	37.483	48.228	0.09369	26.406	0
"2014-12-15	07:00:00"	5.821	313.11	36.438	50.016	0.1062	26.42	0
"2014-12-15	08:00:00"	7.4011	320.44	37.492	46.387	5.1378	26.432	0
"2014-12-15	09:00:00"	8.7029	330.13	41.025	39.146	100.5	26.462	0
"2014-12-15	10:00:00"	8.0238	325.93	48.147	28.161	270.53	26.488	0
"2014-12-15	11:00:00"	4.8312	288.59	53.377	22.605	433.9	26.503	0
"2014-12-15	12:00:00"	4.5863	281.43	57.669	19.164	555.92	26.497	0
"2014-12-15	13:00:00"	3.7767	248.35	59.726	17.778	610.98	26.468	0
"2014-12-15	14:00:00"	3.978	242.04	61.651	16.272	603.15	26.45	0
"2014-12-15	15:00:00"	5.2263	258.3	63.269	15.059	516.76	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-15	16:00:00"	4.6789	262.92	63.942	14.106	372.31	26.456	0
"2014-12-15	17:00:00"	4.3179	240.93	63.194	14.047	181.88	26.471	0
"2014-12-15	18:00:00"	5.1201	194.32	58.326	20.527	30.302	26.483	0
"2014-12-15	19:00:00"	3.356	192.01	53.877	24.341	0.08034	26.509	0
"2014-12-15	20:00:00"	1.5	156.49	51.063	26.72	0.08479	26.527	0
"2014-12-15	21:00:00"	1.9834	23.531	46.082	33.123	0.08182	26.553	0
"2014-12-15	22:00:00"	7.0221	79.742	43.974	36.775	0.10302	26.568	0
"2014-12-15	23:00:00"	7.4074	73.556	43.392	38.189	0.10472	26.586	0
"2014-12-16	00:00:00"	6.1174	53.518	39.439	45.399	0.085	26.601	0
"2014-12-16	01:00:00"	5.9658	32.563	35.38	54.716	0.08331	26.601	0
"2014-12-16	02:00:00"	4.9517	35.167	34.418	58.926	0.09624	26.615	0
"2014-12-16	03:00:00"	5.4755	32.779	33.583	62.992	0.09539	26.624	0
"2014-12-16	04:00:00"	6.1913	46.205	35.195	62.379	0.09539	26.639	0
"2014-12-16	05:00:00"	8.4214	48.675	35.13	63.932	0.09433	26.642	0
"2014-12-16	06:00:00"	7.2595	55.507	34.465	66.698	0.09497	26.66	0
"2014-12-16	07:00:00"	6.576	28.62	31.169	74.415	0.08076	26.672	0
"2014-12-16	08:00:00"	7.5577	17.343	30.624	76.732	2.1546	26.692	0
"2014-12-16	09:00:00"	8.7216	29.348	32.155	74.481	90.668	26.692	0
"2014-12-16	10:00:00"	12.047	66.898	36.763	62.241	267.78	26.713	0
"2014-12-16	11:00:00"	10.331	76.922	40.99	53.125	400.53	26.722	0
"2014-12-16	12:00:00"	10.1	96.628	44.624	45.959	531.11	26.689	0
"2014-12-16	13:00:00"	9.2019	106.63	46.635	42.86	346.33	26.654	0
"2014-12-16	14:00:00"	9.6225	115.91	47.526	42.074	275.35	26.609	0
"2014-12-16	15:00:00"	9.8761	119.48	49.045	39.672	258.89	26.595	0
"2014-12-16	16:00:00"	9.305	117.29	49.951	37.997	206.39	26.586	0
"2014-12-16	17:00:00"	9.438	121.84	49.923	37.898	90.032	26.589	0
"2014-12-16	18:00:00"	8.7495	121.61	49.596	39.043	29.159	26.592	0
"2014-12-16	19:00:00"	6.0832	105.62	48.556	40.946	0.08882	26.592	0
"2014-12-16	20:00:00"	4.8927	89.403	46.012	45.24	0.085	26.592	0
"2014-12-16	21:00:00"	5.373	93.669	42.963	50.481	0.09836	26.574	0
"2014-12-16	22:00:00"	6.3703	111.16	45.116	46.761	0.10154	26.571	0
"2014-12-16	23:00:00"	7.2738	123.52	45.817	45.639	0.08924	26.571	0
"2014-12-17	00:00:00"	5.0082	107.74	44.765	48.817	0.0867	26.556	0
"2014-12-17	01:00:00"	2.8645	97.435	43.652	52.346	0.07992	26.536	0
"2014-12-17	02:00:00"	3.755	98.983	44.589	52.712	0.09306	26.506	0
"2014-12-17	03:00:00"	5.8937	106.36	45.659	51.836	0.09264	26.477	0
"2014-12-17	04:00:00"	8.1381	116.99	46.4	51.597	0.1062	26.468	0
"2014-12-17	05:00:00"	5.2984	122.83	46.519	52.626	0.08331	26.459	0
"2014-12-17	06:00:00"	5.6967	138.93	47.297	52.058	0.09369	26.453	0
"2014-12-17	07:00:00"	10.129	148.32	46.936	55.374	0.08204	26.456	0
"2014-12-17	08:00:00"	8.0244	147.72	46.535	56.817	0.906	26.465	0
"2014-12-17	09:00:00"	5.9881	123.69	45.871	56.836	67.628	26.471	0
"2014-12-17	10:00:00"	10.494	148	47.126	54.877	246.63	26.474	0
"2014-12-17	11:00:00"	12.68	171.18	48.814	54.889	409.2	26.465	0
"2014-12-17	12:00:00"	10.912	186.28	51.761	52.629	526.63	26.459	0
"2014-12-17	13:00:00"	11.573	192.79	54.205	49.288	587.83	26.42	0
"2014-12-17	14:00:00"	9.873	220.53	57.311	42.741	582.15	26.388	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-17	15:00:00"	10.358	248.67	61.288	36.383	509.03	26.376	0
"2014-12-17	16:00:00"	12.265	260.55	62.356	30.699	342.66	26.376	0
"2014-12-17	17:00:00"	12.46	260.16	62.351	27.926	211.19	26.382	0
"2014-12-17	18:00:00"	10.139	268.81	59.952	29.523	43.593	26.403	0
"2014-12-17	19:00:00"	4.2365	254.77	54.996	34.056	0.1238	26.426	0
"2014-12-17	20:00:00"	3.3946	233.83	51.044	40.291	0.08988	26.441	0
"2014-12-17	21:00:00"	3.3709	243.96	49.824	43.487	0.08437	26.456	0
"2014-12-17	22:00:00"	2.7378	247.13	47.601	47.402	0.08013	26.465	0
"2014-12-17	23:00:00"	2.1903	226.83	45.16	51.868	0.08119	26.477	0
"2014-12-18	00:00:00"	3.5555	256.57	46.767	50.198	0.11722	26.48	0
"2014-12-18	01:00:00"	4.1566	299.79	44.91	54.582	0.10358	26.48	0
"2014-12-18	02:00:00"	4.2117	286.06	44.55	56.399	0.09242	26.468	0
"2014-12-18	03:00:00"	4.006	282.56	44.558	57.279	0.09815	26.477	0
"2014-12-18	04:00:00"	6.5934	303.55	44.543	58.284	0.08903	26.477	0
"2014-12-18	05:00:00"	4.7553	261.55	42.571	62.099	0.08712	26.483	0
"2014-12-18	06:00:00"	3.2492	239.47	40.555	65.651	0.07822	26.485	0
"2014-12-18	07:00:00"	4.042	321.62	36.391	74.148	0.08034	26.494	0
"2014-12-18	08:00:00"	2.6272	335.21	36.263	75.264	3.6117	26.512	0
"2014-12-18	09:00:00"	3.3952	342.62	35.983	76.53	62.263	26.53	0
"2014-12-18	10:00:00"	2.5924	178.93	46.743	57.541	272.55	26.547	0
"2014-12-18	11:00:00"	4.9778	294.95	53.445	44.904	421.67	26.55	0
"2014-12-18	12:00:00"	5.4631	295.79	56.001	40.048	474.7	26.53	0
"2014-12-18	13:00:00"	2.7738	210.16	57.708	35.506	434.83	26.497	0
"2014-12-18	14:00:00"	3.2672	217.49	58.718	35.554	542.96	26.471	0
"2014-12-18	15:00:00"	5.2338	241.72	61.078	33.445	530.89	26.459	0
"2014-12-18	16:00:00"	6.8084	209.4	60.699	32.781	226.15	26.456	0
"2014-12-18	17:00:00"	4.9902	203.51	59.967	34.362	105.66	26.441	0
"2014-12-18	18:00:00"	2.3165	166.57	57.813	37.729	19.12	26.45	0
"2014-12-18	19:00:00"	1.5621	171.12	54.328	42.157	0.07864	26.468	0
"2014-12-18	20:00:00"	0.81275	239.18	51.825	45.296	0.0797	26.477	0
"2014-12-18	21:00:00"	2.8217	180.31	51.571	45.461	0.09136	26.485	0
"2014-12-18	22:00:00"	2.6694	226.05	51.506	45.054	0.09348	26.5	0
"2014-12-18	23:00:00"	2.6607	234.02	51.603	45.134	0.08352	26.515	0
"2014-12-19	00:00:00"	2.3799	270.78	50.316	48.581	0.08246	26.527	0
"2014-12-19	01:00:00"	4.9474	47.389	47.507	61.739	0.09306	26.515	0
"2014-12-19	02:00:00"	7.5764	70.425	43.256	78.499	0.08628	26.509	0
"2014-12-19	03:00:00"	7.3918	64.513	40.871	83.217	0.09539	26.503	0
"2014-12-19	04:00:00"	5.6613	61.432	38.18	87.932	0.08861	26.5	0
"2014-12-19	05:00:00"	4.3508	47.616	35.899	90.146	0.08543	26.494	0
"2014-12-19	06:00:00"	4.82	67.568	34.938	92.35	0.07949	26.497	0
"2014-12-19	07:00:00"	5.1804	99.089	35.236	93.18	0.09158	26.521	0
"2014-12-19	08:00:00"	4.2868	123.15	35.544	93.299	1.2015	26.542	0
"2014-12-19	09:00:00"	2.6464	98.258	36.129	93.31	28.954	26.559	0
"2014-12-19	10:00:00"	2.995	22.841	36.84	93.205	87.934	26.577	0
"2014-12-19	11:00:00"	2.3333	5.885	38.325	93.019	181.69	26.583	0
"2014-12-19	12:00:00"	2.8067	314.84	40.113	91.988	335.47	26.568	0
"2014-12-19	13:00:00"	3.8115	293.69	44.157	67.19	575	26.539	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-19	14:00:00"	3.8941	254.34	48.858	49.399	577.15	26.512	0
"2014-12-19	15:00:00"	5.1232	261.71	55.138	39.315	508.65	26.494	0
"2014-12-19	16:00:00"	6.5306	262.93	57.991	30.479	383.02	26.497	0
"2014-12-19	17:00:00"	6.3746	276.31	57.381	27.317	215.37	26.5	0
"2014-12-19	18:00:00"	4.3726	278.24	54.587	29.458	49.457	26.506	0
"2014-12-19	19:00:00"	1.7218	315.98	46.954	38.206	0.20647	26.515	0
"2014-12-19	20:00:00"	1.7038	327.58	42.705	43.274	0.10302	26.524	0
"2014-12-19	21:00:00"	4.9971	125.71	41.936	55.243	0.07652	26.539	0
"2014-12-19	22:00:00"	7.8535	121.1	41.406	76.672	0.08161	26.536	0
"2014-12-19	23:00:00"	5.8589	103.14	37.244	86.263	0.08331	26.55	0
"2014-12-20	00:00:00"	5.5681	109.31	35.756	89.78	0.09073	26.556	0
"2014-12-20	01:00:00"	6.1715	119.13	35.525	91.244	0.07546	26.547	0
"2014-12-20	02:00:00"	4.6199	152.89	35.135	92.715	0.09306	26.547	0
"2014-12-20	03:00:00"	5.3351	134.77	36.14	93.157	0.11404	26.545	0
"2014-12-20	04:00:00"	5.4904	113.06	36.265	93.311	0.06911	26.533	0
"2014-12-20	05:00:00"	6.1273	107.31	36.533	93.409	0.08967	26.521	0
"2014-12-20	06:00:00"	5.7247	94.008	36.429	93.466	0.07886	26.518	0
"2014-12-20	07:00:00"	5.3357	92.589	36.092	93.549	0.10981	26.521	0
"2014-12-20	08:00:00"	3.8047	98.332	35.91	93.6	1.4684	26.536	0
"2014-12-20	09:00:00"	3.9668	149.89	36.474	93.607	23.914	26.553	0
"2014-12-20	10:00:00"	3.5337	189.84	37.005	93.558	67.458	26.556	0
"2014-12-20	11:00:00"	3.2715	158.41	37.653	93.377	148.3	26.553	0
"2014-12-20	12:00:00"	5.2332	174.4	38.463	92.346	289	26.53	0
"2014-12-20	13:00:00"	4.9697	190.11	42.821	74.815	593.2	26.494	0
"2014-12-20	14:00:00"	6.5294	196.2	49.762	51.398	590.57	26.459	0
"2014-12-20	15:00:00"	6.84	220.18	52.712	43.719	517.85	26.447	0
"2014-12-20	16:00:00"	8.0312	203.74	54.1	38.325	382.86	26.435	0
"2014-12-20	17:00:00"	7.5969	209.56	54.463	37.511	227.62	26.432	0
"2014-12-20	18:00:00"	5.3935	203.97	53.17	34.952	44.93	26.429	0
"2014-12-20	19:00:00"	2.621	171.37	47.346	47.347	0.29147	26.438	0
"2014-12-20	20:00:00"	1.3123	168.85	45.587	49.396	0.06508	26.447	0
"2014-12-20	21:00:00"	1.3534	178.51	44.645	50.234	0.09518	26.456	0
"2014-12-20	22:00:00"	2.8863	196.14	43.747	52.87	0.08543	26.468	0
"2014-12-20	23:00:00"	8.437	203.84	43.243	71.848	0.08776	26.462	0
"2014-12-21	00:00:00"	8.0294	203.91	41.217	85.348	0.0884	26.45	0
"2014-12-21	01:00:00"	11.397	197.28	41.574	91.85	0.07674	26.444	0
"2014-12-21	02:00:00"	9.1851	199.83	41.185	92.746	0.0903	26.412	0
"2014-12-21	03:00:00"	8.4699	217.35	40.517	92.924	0.09899	26.409	0
"2014-12-21	04:00:00"	8.1953	211.51	39.998	93.096	0.08437	26.388	0
"2014-12-21	05:00:00"	7.0047	210.24	39.564	93.213	0.09348	26.394	0
"2014-12-21	06:00:00"	6.5393	225.86	38.199	93.302	0.09857	26.373	0
"2014-12-21	07:00:00"	4.7243	237.8	37.457	93.456	0.0956	26.388	0
"2014-12-21	08:00:00"	4.3571	228.3	36.668	93.538	1.2746	26.391	0
"2014-12-21	09:00:00"	5.8017	227.2	35.108	93.639	44.001	26.382	0
"2014-12-21	10:00:00"	5.363	222.7	36.416	93.478	211.65	26.385	0
"2014-12-21	11:00:00"	6.0348	224.49	40.997	90.041	390.66	26.361	0
"2014-12-21	12:00:00"	9.8114	220.91	52.084	53.148	524.66	26.344	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-21	13:00:00"	10.348	213.76	59.544	36.9	586.63	26.294	0
"2014-12-21	14:00:00"	10.419	243.07	64.183	25.777	578.51	26.24	0
"2014-12-21	15:00:00"	11.874	250.05	64.983	23.463	467.64	26.232	0
"2014-12-21	16:00:00"	12.542	257.29	65.017	24.247	329.09	26.211	0
"2014-12-21	17:00:00"	11.216	248.91	64.347	24.82	137.53	26.184	0
"2014-12-21	18:00:00"	10.088	264.07	62.439	26.574	35.279	26.196	0
"2014-12-21	19:00:00"	4.4851	248.35	58.021	29.774	0.32475	26.172	0
"2014-12-21	20:00:00"	11.841	273.44	58.002	30.559	0.07992	26.193	0
"2014-12-21	21:00:00"	9.6648	272.59	56.464	31.325	0.07631	26.19	0
"2014-12-21	22:00:00"	7.1141	267.17	53.408	34.261	0.06465	26.19	0
"2014-12-21	23:00:00"	5.7595	270.89	52.852	35.693	0.08352	26.19	0
"2014-12-22	00:00:00"	4.4627	262.74	51.713	37.597	0.09306	26.193	0
"2014-12-22	01:00:00"	5.8676	270.81	49.645	41.015	0.08861	26.178	0
"2014-12-22	02:00:00"	6.1317	281.3	48.117	43.985	0.08649	26.178	0
"2014-12-22	03:00:00"	6.2504	281.25	48.608	43.647	0.10069	26.178	0
"2014-12-22	04:00:00"	3.7133	287.72	48.107	44.69	0.07165	26.184	0
"2014-12-22	05:00:00"	5.1891	278.41	47.913	45.676	0.09475	26.169	0
"2014-12-22	06:00:00"	5.7253	271.7	48.572	45.139	0.0956	26.193	0
"2014-12-22	07:00:00"	6.8531	291.54	47.901	46.914	0.0761	26.187	0
"2014-12-22	08:00:00"	7.6832	291.96	48.761	46.128	1.2517	26.208	0
"2014-12-22	09:00:00"	5.7433	295.26	48.807	46.342	43.579	26.217	0
"2014-12-22	10:00:00"	5.3506	307.46	51.873	42.786	111.29	26.237	0
"2014-12-22	11:00:00"	5.3631	285.41	55.836	37.717	178.46	26.234	0
"2014-12-22	12:00:00"	8.5905	292.63	60.893	31.995	336.19	26.217	0
"2014-12-22	13:00:00"	11.631	312.73	64.198	28.788	327.07	26.187	0
"2014-12-22	14:00:00"	9.7947	348.66	62.413	31.67	317.9	26.158	0
"2014-12-22	15:00:00"	6.9979	347.99	62.105	31.813	301.91	26.119	0
"2014-12-22	16:00:00"	2.6502	335.61	63.538	29.948	346.51	26.087	0
"2014-12-22	17:00:00"	2.4364	148.57	65.45	27.32	215.61	26.075	0
"2014-12-22	18:00:00"	7.1215	69.938	60.291	34.537	20.131	26.087	0
"2014-12-22	19:00:00"	8.0144	89.864	53.835	44.282	0.28554	26.087	0
"2014-12-22	20:00:00"	6.8015	83.775	50.074	49.756	0.09306	26.096	0
"2014-12-22	21:00:00"	11.543	53.045	49.24	50.88	0.10366	26.146	0
"2014-12-22	22:00:00"	16.977	23.681	46.001	62.752	0.08903	26.158	0.07
"2014-12-22	23:00:00"	12.212	90.544	41.389	80.695	0.08755	26.146	0.01
"2014-12-23	00:00:00"	10.36	89.686	40.78	82.082	0.09391	26.193	0
"2014-12-23	01:00:00"	7.7797	35.394	40.582	85.577	0.09914	26.205	0.01
"2014-12-23	02:00:00"	8.9496	43.254	40.24	88.79	0.07674	26.22	0
"2014-12-23	03:00:00"	8.519	32.476	39.099	86.874	0.0903	26.211	0
"2014-12-23	04:00:00"	9.1981	17.388	38.336	85.829	0.10069	0.26193	0
"2014-12-23	05:00:00"	8.3251	14.937	38.101	87.534	0.12867	26.249	0.01
"2014-12-23	06:00:00"	10.823	352.12	37.234	88.612	0.0725	26.282	0.02
"2014-12-23	07:00:00"	14.83	355.91	35.456	89.377	0.08416	26.308	0.03
"2014-12-23	08:00:00"	18.082	2.624	34.352	90.297	0.43519	26.341	0.04
"2014-12-23	09:00:00"	14.168	6.3246	33.827	90.981	11.628	26.382	0.03
"2014-12-23	10:00:00"	18.98	14.137	33.703	89.993	71.499	26.418	0.01
"2014-12-23	11:00:00"	13.711	21.994	35.774	82.893	168.69	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-23	12:00:00"	13.504	3.474	39.289	67.334	230.01	26.432	0
"2014-12-23	13:00:00"	21.777	7.6601	41.939	51.196	552.85	26.409	0
"2014-12-23	14:00:00"	26.671	357.7	44.036	42.052	565.64	26.4	0
"2014-12-23	15:00:00"	25.593	356.88	43.536	41.274	362.81	26.42	0
"2014-12-23	16:00:00"	23.622	357.43	42.262	42.689	171.41	26.432	0
"2014-12-23	17:00:00"	21.457	352.12	41.617	43.258	120.34	26.45	0
"2014-12-23	18:00:00"	18.798	349.24	41.232	42.47	58.241	26.462	0
"2014-12-23	19:00:00"	14.482	344.54	39.983	45.389	0.32454	26.483	0
"2014-12-23	20:00:00"	17.526	348.58	39.515	44.37	0.09709	26.497	0
"2014-12-23	21:00:00"	12.708	349.17	36.814	53.299	0.08628	26.521	0
"2014-12-23	22:00:00"	12.84	353.82	36.43	57.457	0.08882	26.536	0
"2014-12-23	23:00:00"	14.007	2.1606	36.673	58.57	0.09581	26.556	0
"2014-12-24	00:00:00"	16.909	1.907	36.515	56.176	0.08967	26.562	0
"2014-12-24	01:00:00"	14.452	357.02	34.641	59.718	0.08394	26.553	0
"2014-12-24	02:00:00"	11.319	337.55	32.374	66.018	0.07822	26.565	0
"2014-12-24	03:00:00"	5.6035	312.39	30.286	71.129	0.12486	26.565	0
"2014-12-24	04:00:00"	5.4886	305.05	29.271	72.589	0.1132	26.565	0
"2014-12-24	05:00:00"	6.7618	306.23	28.856	73.713	0.10111	0.02628	0
"2014-12-24	06:00:00"	8.2878	318.18	27.755	76.032	0.10451	26.565	0
"2014-12-24	07:00:00"	10.768	333.41	29.115	69.646	0.07674	26.559	0
"2014-12-24	08:00:00"	11.192	333.48	29.142	66.608	2.9701	26.568	0
"2014-12-24	09:00:00"	6.1236	291.59	28.238	70.891	89.993	26.586	0
"2014-12-24	10:00:00"	6.5996	300.83	34.639	54.214	256.87	26.607	0
"2014-12-24	11:00:00"	6.8792	298.11	40.183	35.748	426.86	26.592	0
"2014-12-24	12:00:00"	8.7626	282.72	42.266	34.418	549.96	26.565	0
"2014-12-24	13:00:00"	9.3728	254.02	44.039	32.452	610.48	26.521	0
"2014-12-24	14:00:00"	11.477	231.76	45.189	33.149	605.11	26.483	0
"2014-12-24	15:00:00"	13.901	224.25	45.233	34.355	533.01	26.447	0
"2014-12-24	16:00:00"	13.914	224.15	46.023	34.164	402.14	26.432	0
"2014-12-24	17:00:00"	12.626	224.03	46.594	34.223	230.35	26.423	0
"2014-12-24	18:00:00"	9.4684	222.53	46.135	36.562	56.982	26.397	0
"2014-12-24	19:00:00"	5.5333	203.44	43.173	42.025	0.34298	26.388	0
"2014-12-24	20:00:00"	6.648	197.69	40.942	47.036	0.10663	26.379	0
"2014-12-24	21:00:00"	6.6748	208.78	38.796	52.381	0.09963	26.367	0
"2014-12-24	22:00:00"	6.7462	207.93	36.939	56.816	0.11447	26.344	0
"2014-12-24	23:00:00"	7.2216	205.69	36.116	57.151	0.1151	26.335	0
"2014-12-25	00:00:00"	5.7924	214.72	34.454	61.51	0.09984	26.311	0
"2014-12-25	01:00:00"	7.2526	215.72	34.174	61.786	0.09942	26.291	0
"2014-12-25	02:00:00"	6.1099	221.77	34.64	59.411	0.10302	26.276	0
"2014-12-25	03:00:00"	6.4082	227.85	34.021	60.197	0.1079	26.264	0
"2014-12-25	04:00:00"	7.6534	216.07	35.32	55.551	0.08903	26.252	0
"2014-12-25	05:00:00"	8.4593	199.12	35.982	53.92	0.07928	26.232	0
"2014-12-25	06:00:00"	7.1265	220.64	35.723	54.302	0.08946	26.237	0
"2014-12-25	07:00:00"	11.111	199.01	35.668	54.927	0.09624	26.226	0
"2014-12-25	08:00:00"	9.3709	199.21	34.519	57.696	1.9456	26.211	0
"2014-12-25	09:00:00"	8.176	215.58	34.117	59.141	39.833	26.234	0
"2014-12-25	10:00:00"	10.999	195.89	37.617	50.947	136.21	26.255	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-25	11:00:00"	7.8231	205.15	39.7	48.821	210.82	26.258	0
"2014-12-25	12:00:00"	14.768	189.9	43.376	41.628	368.44	26.234	0
"2014-12-25	13:00:00"	13.141	202.9	49.373	32.434	530.73	26.217	0
"2014-12-25	14:00:00"	12.525	203.3	51.837	29.694	433.04	26.193	0
"2014-12-25	15:00:00"	14.959	194.95	53.515	27.883	378.19	26.172	0
"2014-12-25	16:00:00"	13.514	193.71	55.571	25.398	241.62	26.169	0
"2014-12-25	17:00:00"	12.493	199.46	57.229	23.279	119.8	26.167	0
"2014-12-25	18:00:00"	8.4059	192.54	54.975	26.851	21.078	26.172	0
"2014-12-25	19:00:00"	3.8966	186.91	50.66	34.938	0.39343	26.175	0
"2014-12-25	20:00:00"	7.3881	165	48.162	39.719	0.07546	26.181	0
"2014-12-25	21:00:00"	8.6277	146.48	46.392	41.127	0.08712	26.175	0
"2014-12-25	22:00:00"	5.1188	166.64	44.216	43.322	0.08119	26.187	0
"2014-12-25	23:00:00"	4.0072	192.61	43.076	45.875	0.07483	26.196	0
"2014-12-26	00:00:00"	7.216	202.82	44.309	43.506	0.08924	26.196	0
"2014-12-26	01:00:00"	8.642	200.1	43.796	47.184	0.11807	26.196	0
"2014-12-26	02:00:00"	5.6383	193.95	41.71	53.841	0.08755	26.196	0
"2014-12-26	03:00:00"	4.751	199.31	40.616	58.533	0.09136	26.205	0
"2014-12-26	04:00:00"	6.525	203.25	41.612	58.158	0.0973	26.205	0
"2014-12-26	05:00:00"	5.5687	201.15	39.739	63.265	0.10048	26.199	0
"2014-12-26	06:00:00"	5.8409	218.02	40.171	63.414	0.10853	26.208	0
"2014-12-26	07:00:00"	5.2636	226.08	39.305	65.714	0.07843	26.229	0
"2014-12-26	08:00:00"	5.5743	242.39	38.01	69.762	1.398	26.243	0
"2014-12-26	09:00:00"	5.158	209.6	38.622	69.584	84.011	26.267	0
"2014-12-26	10:00:00"	6.9264	193.83	42.629	63.649	261.01	26.282	0
"2014-12-26	11:00:00"	6.7444	234.82	49.837	47.236	380.47	26.305	0
"2014-12-26	12:00:00"	10.757	268.29	55.443	34.523	513.71	26.305	0
"2014-12-26	13:00:00"	15.425	296.47	54.857	37.831	454.31	26.294	0
"2014-12-26	14:00:00"	15.815	305.31	54.375	42.608	429.19	26.282	0
"2014-12-26	15:00:00"	15.818	300.74	53.844	44.217	388.91	26.288	0
"2014-12-26	16:00:00"	14.613	291.59	51.668	44.007	204.14	26.317	0
"2014-12-26	17:00:00"	13.596	296.3	50.49	42.08	104.52	26.329	0
"2014-12-26	18:00:00"	11.846	314.17	47.715	48.498	28.846	26.332	0
"2014-12-26	19:00:00"	4.4913	289.46	45.992	54.971	0.2813	26.382	0
"2014-12-26	20:00:00"	3.0944	262.35	45.664	54.995	0.08458	26.406	0
"2014-12-26	21:00:00"	3.402	275.66	44.791	56.813	0.08606	26.426	0
"2014-12-26	22:00:00"	7.2489	310.94	44.365	55.468	0.07907	26.435	0
"2014-12-26	23:00:00"	9.4399	332.72	44.415	53.583	0.10111	26.459	0
"2014-12-27	00:00:00"	10.904	347.94	42.281	61.755	0.10684	26.48	0
"2014-12-27	01:00:00"	11.816	10.613	38.285	69.167	0.10747	26.503	0
"2014-12-27	02:00:00"	10.02	18.485	35.924	80.054	0.06995	26.503	0
"2014-12-27	03:00:00"	8.2847	26.011	34.195	88.895	0.09857	26.512	0
"2014-12-27	04:00:00"	9.0751	15.792	34.007	90.09	0.10323	26.524	0.01
"2014-12-27	05:00:00"	9.4169	10.83	33.842	90.863	0.08946	26.521	0.01
"2014-12-27	06:00:00"	4.8722	21.758	33.734	91.319	0.11044	26.542	0.01
"2014-12-27	07:00:00"	6.1559	1.3563	32.72	92.288	0.11447	26.568	0
"2014-12-27	08:00:00"	11.827	354.13	32.745	92.662	0.21452	26.589	0
"2014-12-27	09:00:00"	14.6	16.924	32.865	91.546	10.18	26.63	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-27	10:00:00"	13.148	5.1135	32.429	89.563	59.346	26.66	0.01
"2014-12-27	11:00:00"	13.899	5.4708	31.806	87.387	110.98	26.674	0
"2014-12-27	12:00:00"	11.999	28.992	31.275	86.642	179.38	26.657	0.02
"2014-12-27	13:00:00"	11.031	22.405	31.815	85.333	187.73	26.648	0.02
"2014-12-27	14:00:00"	10.946	19.265	32.666	82.901	221.37	26.624	0.01
"2014-12-27	15:00:00"	10.291	35.019	34.387	77.308	365.13	26.621	0
"2014-12-27	16:00:00"	9.3715	35.347	36.369	69.742	367.8	26.612	0
"2014-12-27	17:00:00"	8.4022	52.447	36.818	63.712	216.33	26.627	0
"2014-12-27	18:00:00"	5.1704	40.2	35.393	65.203	56.547	26.633	0
"2014-12-27	19:00:00"	4.5298	351.39	31.42	76.025	0.37902	26.648	0
"2014-12-27	20:00:00"	4.5609	348.29	29.649	81.424	0.10578	26.654	0
"2014-12-27	21:00:00"	5.4326	329.35	27.613	85.614	0.0956	26.651	0
"2014-12-27	22:00:00"	4.0774	295.9	28.436	84.661	0.11044	26.663	0
"2014-12-27	23:00:00"	4.6752	268.29	29.268	83.476	0.08924	26.674	0
"2014-12-28	00:00:00"	5.7179	240.2	30.178	78.288	0.0956	26.672	0
"2014-12-28	01:00:00"	4.8017	235.58	28.94	79.576	0.10464	26.669	0
"2014-12-28	02:00:00"	6.0093	253.19	28.175	82.884	0.09497	26.651	0
"2014-12-28	03:00:00"	5.1804	257.71	27.377	85.796	0.10514	26.636	0
"2014-12-28	04:00:00"	5.7247	261.55	27.15	84.74	0.12613	26.609	0
"2014-12-28	05:00:00"	6.6772	239.77	27.077	87.959	0.09878	26.583	0
"2014-12-28	06:00:00"	4.4807	256.95	24.272	91.296	0.09433	26.568	0
"2014-12-28	07:00:00"	3.3399	241.81	25.283	92.435	0.1185	26.577	0
"2014-12-28	08:00:00"	1.838	255.78	24.113	92.156	1.7984	26.586	0
"2014-12-28	09:00:00"	4.1085	187.11	26.225	91.235	96.952	26.592	0
"2014-12-28	10:00:00"	4.6721	230.62	28.596	90.402	259.1	26.598	0
"2014-12-28	11:00:00"	5.217	207.32	33.119	84.699	424.41	26.574	0
"2014-12-28	12:00:00"	7.3695	207.96	35.262	82.168	528.75	26.542	0
"2014-12-28	13:00:00"	10.448	199.58	39.276	74.501	602.18	26.5	0
"2014-12-28	14:00:00"	10.007	214.98	42.746	63.402	599.34	26.48	0
"2014-12-28	15:00:00"	11.446	230.39	46.57	48.205	530.63	26.465	0
"2014-12-28	16:00:00"	10.873	229.33	48.785	41.172	396.92	26.444	0
"2014-12-28	17:00:00"	9.8208	226.7	49.14	38.855	228.27	26.435	0
"2014-12-28	18:00:00"	8.3991	222.64	47.229	42.579	59.254	26.435	0
"2014-12-28	19:00:00"	5.6855	227.56	43.381	51.579	0.78136	26.441	0
"2014-12-28	20:00:00"	5.9409	212.4	41.638	57.181	0.10154	26.45	0
"2014-12-28	21:00:00"	6.8046	226.18	39.773	61.397	0.08924	26.453	0
"2014-12-28	22:00:00"	5.8353	223.38	38.125	64.315	0.10747	26.45	0
"2014-12-28	23:00:00"	7.6447	227.65	36.786	67.19	0.11722	26.45	0
"2014-12-29	00:00:00"	6.3585	241.32	35.098	71.875	0.08755	26.438	0
"2014-12-29	01:00:00"	3.8221	271.68	33.857	76.705	0.07864	26.426	0
"2014-12-29	02:00:00"	4.3502	259.75	34.7	74.933	0.10535	26.42	0
"2014-12-29	03:00:00"	4.1688	256.37	34.982	75.714	0.09963	26.42	0
"2014-12-29	04:00:00"	6.5946	232.99	35.532	72.824	0.09369	26.432	0
"2014-12-29	05:00:00"	4.1489	271.61	33.188	79.346	0.10111	26.429	0
"2014-12-29	06:00:00"	3.5107	315.23	31.844	79.059	0.06656	26.432	0
"2014-12-29	07:00:00"	4.1172	324.4	28.994	82.282	0.09348	26.441	0
"2014-12-29	08:00:00"	4.6603	284.07	30.161	78.563	2.0371	26.453	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-29	09:00:00"	3.133	320.74	31.306	78.659	83.957	26.465	0
"2014-12-29	10:00:00"	2.3475	229.55	41.508	55.385	249.1	26.48	0
"2014-12-29	11:00:00"	4.2464	253	45.944	43.081	366.94	26.491	0
"2014-12-29	12:00:00"	2.3444	185.98	49.405	32.897	532.92	26.468	0
"2014-12-29	13:00:00"	6.3218	219.98	51.764	32.499	565.78	26.426	0
"2014-12-29	14:00:00"	7.5242	199.65	53.783	30.899	609.52	26.4	0
"2014-12-29	15:00:00"	8.468	227.15	57.678	23.996	522.96	26.382	0
"2014-12-29	16:00:00"	9.3628	223.86	58.73	23.247	418.47	26.373	0
"2014-12-29	17:00:00"	11.946	221.19	58.521	24.448	230.26	26.382	0
"2014-12-29	18:00:00"	7.7242	215.58	55.968	26.089	40.957	26.391	0
"2014-12-29	19:00:00"	3.6425	200.51	50.902	33.854	0.31627	26.409	0
"2014-12-29	20:00:00"	3.5194	217.83	49.164	35.585	0.085	26.429	0
"2014-12-29	21:00:00"	1.7628	215.73	44.495	42.603	0.07631	26.459	0
"2014-12-29	22:00:00"	2.2102	234.33	41.08	48.631	0.0797	26.474	0
"2014-12-29	23:00:00"	2.7558	147.53	39.833	50.104	0.10323	26.497	0
"2014-12-30	00:00:00"	2.9403	20.822	35.918	57.318	0.09115	26.494	0
"2014-12-30	01:00:00"	12.95	28.23	33.191	70.059	0.10959	26.55	0
"2014-12-30	02:00:00"	12.506	43.887	31.684	75.181	0.09264	26.571	0
"2014-12-30	03:00:00"	11.888	27.355	30.166	80.161	0.10684	26.598	0
"2014-12-30	04:00:00"	17.157	42.505	31.36	82.04	0.12295	26.604	0
"2014-12-30	05:00:00"	16.107	35.432	31.555	80.625	0.09921	26.63	0
"2014-12-30	06:00:00"	15.09	34.85	31.323	77.422	0.09899	26.651	0
"2014-12-30	07:00:00"	12.721	31.599	31.297	74.959	0.092	26.695	0
"2014-12-30	08:00:00"	12.383	33.381	30.758	73.679	0.59079	26.719	0
"2014-12-30	09:00:00"	11.703	34.793	29.78	76.855	18.272	26.751	0
"2014-12-30	10:00:00"	12.038	41.68	28.6	84.308	52.727	26.778	0
"2014-12-30	11:00:00"	13.612	51.576	28.384	88.49	77.235	26.778	0
"2014-12-30	12:00:00"	17.827	41.603	28.363	88.52	107.22	26.772	0
"2014-12-30	13:00:00"	22.127	304.66	27.909	88.598	88.6	26.751	0
"2014-12-30	14:00:00"	10.78	16.668	26.382	88.81	88.583	26.734	0
"2014-12-30	15:00:00"	15.968	6.5619	23.445	88.863	79.089	26.725	0
"2014-12-30	16:00:00"	30.752	18.438	21.701	89.368	55.286	26.736	0
"2014-12-30	17:00:00"	29.401	23.371	21.359	89.536	30.793	26.745	0
"2014-12-30	18:00:00"	8.4494	146.87	20.912	89.564	7.973	26.754	0
"2014-12-30	19:00:00"	13.506	171.71	20.975	89.531	0.11277	26.766	0
"2014-12-30	20:00:00"	25.152	142.27	20.619	89.416	0.0903	26.781	0
"2014-12-30	21:00:00"	36.602	240.14	20.136	89.313	0.11871	26.796	0
"2014-12-30	22:00:00"	34.666	245.23	19.516	89.212	0.10175	26.81	0
"2014-12-30	23:00:00"	22.236	16.61	18.971	89.243	0.10323	26.822	0
"2014-12-31	00:00:00"	21.841	45.359	18.11	89.16	0.11002	26.828	0
"2014-12-31	01:00:00"	11.681	41.545	16.646	88.822	0.08479	26.822	0
"2014-12-31	02:00:00"	0 "INF"		15.184	88.329	0.12613	26.816	0
"2014-12-31	03:00:00"	6.8345	82.94	13.602	87.724	0.10472	26.816	0
"2014-12-31	04:00:00"	0 "INF"		12.696	87.431	0.10451	26.813	0
"2014-12-31	05:00:00"	0 "INF"		12.309	87.631	0.12019	26.816	0
"2014-12-31	06:00:00"	0 "INF"		12.184	87.737	0.10578	26.81	0
"2014-12-31	07:00:00"	0 "INF"		12.379	87.777	0.10133	26.813	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2014-12-31	08:00:00"		0 "INF"	12.543	87.876	0.9537	26.813	0
"2014-12-31	09:00:00"	1.0818	80.75	12.739	87.845	19.579	26.819	0
"2014-12-31	10:00:00"		0 "INF"	13.19	87.772	69.274	26.822	0
"2014-12-31	11:00:00"		0 "INF"	14.05	87.504	146.02	26.828	0
"2014-12-31	12:00:00"		0 "INF"	14.742	87.107	182.27	26.796	0
"2014-12-31	13:00:00"	35.434	78.664	15.338	87.024	173.44	26.748	0
"2014-12-31	14:00:00"	54.175	76.042	16.094	86.648	180.33	26.71	0
"2014-12-31	15:00:00"		0 "INF"	16.65	86.426	139.94	26.683	0
"2014-12-31	16:00:00"		0 "INF"	17.095	86.648	96.03	26.677	0
"2014-12-31	17:00:00"		0 "INF"	17.501	86.717	65.641	26.677	0
"2014-12-31	18:00:00"		0 "INF"	17.524	86.921	14.38	26.672	0
"2014-12-31	19:00:00"		0 "INF"	17.551	87.946	0.19481	26.654	0
"2014-12-31	20:00:00"		0 "INF"	17.637	88.834	0.11574	26.669	0
"2014-12-31	21:00:00"		0 "INF"	17.906	89.219	0.12422	26.663	0
"2014-12-31	22:00:00"		0 "INF"	18.095	89.256	0.11362	26.669	0
"2014-12-31	23:00:00"		0 "INF"	18.307	89.404	0.10408	26.642	0
"2015-01-01	00:00:00"		0 "INF"	18.48	89.566	0.12676	26.624	0
"2015-01-01	01:00:00"	0.49262	353	18.634	89.34	0.1076	26.598	0
"2015-01-01	02:00:00"	7.7684	72.667	18.831	89.634	0.10027	26.592	0
"2015-01-01	03:00:00"	2.4147	80.785	19.021	89.686	0.11977	26.58	0
"2015-01-01	04:00:00"	1.5509	222.26	19.2	89.757	0.085	26.556	0
"2015-01-01	05:00:00"	31.884	28.32	19.45	89.832	0.10896	26.533	0
"2015-01-01	06:00:00"	27.974	36.252	19.772	89.959	0.08161	26.545	0
"2015-01-01	07:00:00"	5.7968	41.207	20.099	90.048	0.10451	26.524	0
"2015-01-01	08:00:00"	23.825	35.241	20.324	90.088	0.3097	26.545	0
"2015-01-01	09:00:00"	7.884	32.821	20.582	90.099	16.94	26.562	0
"2015-01-01	10:00:00"	14.955	28.701	21.12	90.055	49.51	26.559	0
"2015-01-01	11:00:00"	5.5613	26.352	21.849	89.833	128.9	26.568	0
"2015-01-01	12:00:00"	26.351	23.045	22.483	89.716	141.03	26.542	0
"2015-01-01	13:00:00"	20.203	1.1927	23.179	89.923	172.38	26.497	0
"2015-01-01	14:00:00"	13.059	356.56	24.015	89.58	174.65	26.471	0
"2015-01-01	15:00:00"	33.257	8.2858	24.286	90.098	130.94	26.459	0
"2015-01-01	16:00:00"	1.5509	248.47	24.642	90.385	90.121	26.459	0
"2015-01-01	17:00:00"	13.405	356.81	24.661	90.667	54.598	26.474	0
"2015-01-01	18:00:00"	2.9602	48.302	24.473	91.006	11.94	26.468	0
"2015-01-01	19:00:00"	0.45484	17.787	24.398	91.196	0.42947	26.485	0
"2015-01-01	20:00:00"		0 "INF"	24.393	91.213	0.10684	26.491	0
"2015-01-01	21:00:00"	39.401	28.601	24.507	91.251	0.09815	26.5	0
"2015-01-01	22:00:00"	30.218	28.775	24.603	91.226	0.07377	26.483	0
"2015-01-01	23:00:00"		0 "INF"	24.702	91.272	0.10111	26.488	0
"2015-01-02	00:00:00"		0 "INF"	24.907	91.344	0.09921	26.497	0
"2015-01-02	01:00:00"	0.29142	11.951	25.042	91.437	0.10345	26.48	0
"2015-01-02	02:00:00"	4.3235	24.794	25.121	91.454	0.10981	26.491	0
"2015-01-02	03:00:00"	3.8593	37.686	25.306	91.526	0.09433	26.488	0
"2015-01-02	04:00:00"	5.1213	17.068	25.468	91.67	0.13249	26.468	0
"2015-01-02	05:00:00"	0.46416	359.17	25.761	91.813	0.09603	26.471	0
"2015-01-02	06:00:00"	6.1224	26.646	25.829	91.762	0.10599	26.485	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-02	07:00:00"	4.3956	305.5	25.699	91.766	0.11023	26.471	0
"2015-01-02	08:00:00"	9.2684	30.529	25.766	91.809	0.33938	26.494	0
"2015-01-02	09:00:00"	15.256	52.899	25.758	91.772	11.633	26.512	0
"2015-01-02	10:00:00"	6.5002	41.645	26.252	91.86	25.956	26.524	0
"2015-01-02	11:00:00"	16.244	24.605	26.819	91.719	64.477	26.497	0
"2015-01-02	12:00:00"	11.202	25.674	27.703	91.944	65.056	26.459	0.01
"2015-01-02	13:00:00"	0	"INF"	28.243	91.52	79.552	26.435	0.01
"2015-01-02	14:00:00"	0	"INF"	28.55	91.154	96.56	26.42	0
"2015-01-02	15:00:00"	0	"INF"	29.08	90.877	83.28	26.382	0
"2015-01-02	16:00:00"	0	"INF"	29.22	90.29	60.772	26.358	0
"2015-01-02	17:00:00"	0	"INF"	29.308	90.6	19.723	26.376	0
"2015-01-02	18:00:00"	0	"INF"	29.408	90.901	4.8857	26.353	0
"2015-01-02	19:00:00"	0	"INF"	29.476	92.327	0.12295	26.329	0
"2015-01-02	20:00:00"	0	"INF"	29.789	92.592	0.06847	26.361	0
"2015-01-02	21:00:00"	0	"INF"	30.133	92.749	0.09179	26.367	0
"2015-01-02	22:00:00"	0	"INF"	30.121	92.648	0.09136	26.37	0
"2015-01-02	23:00:00"	0	"INF"	29.5	92.51	0.10747	26.353	0
"2015-01-03	00:00:00"	0	"INF"	27.949	92.429	0.09136	26.338	0
"2015-01-03	01:00:00"	0	"INF"	27.416	92.509	0.07377	26.335	0
"2015-01-03	02:00:00"	0	"INF"	25.29	91.154	0.08479	26.308	0
"2015-01-03	03:00:00"	0	"INF"	23.574	91.603	0.08755	26.311	0
"2015-01-03	04:00:00"	0	"INF"	25.034	91.766	0.08458	26.302	0
"2015-01-03	05:00:00"	0	"INF"	24.206	91.48	0.11087	26.291	0
"2015-01-03	06:00:00"	0	"INF"	22.858	91.1	0.07589	26.282	0
"2015-01-03	07:00:00"	0	"INF"	23.744	91.58	0.0973	26.27	0
"2015-01-03	08:00:00"	0	"INF"	24.538	91.568	1.1629	26.279	0
"2015-01-03	09:00:00"	0	"INF"	23.584	91.013	140.15	26.282	0
"2015-01-03	10:00:00"	0	"INF"	26.084	91.069	403.32	26.294	0
"2015-01-03	11:00:00"	0	"INF"	31.228	92.121	504.07	26.299	0.03
"2015-01-03	12:00:00"	6.6692	252.77	34.287	91.981	512.3	26.294	0.1
"2015-01-03	13:00:00"	12.652	261.85	39.971	75.023	588.74	26.285	0.13
"2015-01-03	14:00:00"	15.219	272.16	43.457	62.84	600.32	26.279	0.02
"2015-01-03	15:00:00"	15.789	276.73	46.105	52.548	541.15	26.296	0
"2015-01-03	16:00:00"	13.95	278.54	47.591	47.412	418.08	26.323	0
"2015-01-03	17:00:00"	10.763	284.72	47.92	46.54	248.49	26.356	0
"2015-01-03	18:00:00"	8.675	291.45	45.461	51.44	72.083	26.391	0
"2015-01-03	19:00:00"	5.9049	295.19	40.69	61.548	0.71458	26.423	0
"2015-01-03	20:00:00"	3.9028	286.69	37.518	68.909	0.11722	26.447	0
"2015-01-03	21:00:00"	3.8351	312.27	35.444	73.589	0.0884	26.488	0
"2015-01-03	22:00:00"	3.6841	318.44	32.501	79.381	0.11023	26.503	0
"2015-01-03	23:00:00"	3.7195	319.76	33.208	77.199	0.09115	26.536	0
"2015-01-04	00:00:00"	2.6626	304.76	33.324	75.484	0.09942	26.547	0
"2015-01-04	01:00:00"	3.2612	305.71	32.942	76.732	0.08604	26.583	0
"2015-01-04	02:00:00"	9.2535	339.47	30.82	81.509	0.09454	26.642	0
"2015-01-04	03:00:00"	14.689	15.344	31.311	78.93	0.09009	26.686	0
"2015-01-04	04:00:00"	13.8	13.037	29.497	84.66	0.0973	26.707	0
"2015-01-04	05:00:00"	12.388	2.5218	28.259	87.304	0.08734	26.734	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-04	06:00:00"	13.312	11.565	27.205	83.744	0.10111	26.754	0
"2015-01-04	07:00:00"	12.904	3.7932	24.734	84.419	0.13312	26.775	0
"2015-01-04	08:00:00"	14.03	3.0095	23.594	80.127	1.7857	26.813	0
"2015-01-04	09:00:00"	11.147	0.07042	23.375	75.894	82.381	26.855	0
"2015-01-04	10:00:00"	9.8394	19.871	25.308	69.621	249.15	26.878	0
"2015-01-04	11:00:00"	6.4014	46.086	27.741	63.792	423.17	26.902	0
"2015-01-04	12:00:00"	2.3842	151.73	30.925	55.338	552.74	26.887	0
"2015-01-04	13:00:00"	3.2088	152.71	33.462	52.487	618.28	26.855	0
"2015-01-04	14:00:00"	4.3291	211.66	35.856	50.555	618.34	26.828	0
"2015-01-04	15:00:00"	5.337	192.83	37.234	51.253	551.6	26.81	0
"2015-01-04	16:00:00"	6.3113	193.95	38.813	52.408	424.15	26.816	0
"2015-01-04	17:00:00"	8.3755	189.9	38.573	56.733	252.49	26.81	0
"2015-01-04	18:00:00"	6.5033	187.96	37.144	62.273	74.31	26.816	0
"2015-01-04	19:00:00"	3.7245	224.01	34.057	71.532	0.84219	26.819	0
"2015-01-04	20:00:00"	4.0849	218.35	31.999	79.416	0.09433	26.816	0
"2015-01-04	21:00:00"	4.2533	200.69	30.266	86.033	0.0831	26.825	0
"2015-01-04	22:00:00"	3.8363	187.84	29.415	88.621	0.08373	26.837	0
"2015-01-04	23:00:00"	3.663	211.39	28.894	88.84	0.09391	26.849	0
"2015-01-05	00:00:00"	4.3049	230.58	28.01	90.399	0.12507	26.846	0
"2015-01-05	01:00:00"	4.0619	230.59	27.284	91.812	0.10641	26.849	0
"2015-01-05	02:00:00"	2.6626	185.97	27.129	92.108	0.10048	26.849	0
"2015-01-05	03:00:00"	1.6261	128.91	26.676	92.518	0.09666	26.846	0
"2015-01-05	04:00:00"	5.6582	137.98	28.189	89.428	0.09497	26.837	0
"2015-01-05	05:00:00"	5.5538	139.45	27.472	88.361	0.09158	26.825	0
"2015-01-05	06:00:00"	2.7129	117.66	25.427	88.592	0.1026	26.816	0
"2015-01-05	07:00:00"	1.3813	199.1	24.222	91.526	0.09242	26.81	0
"2015-01-05	08:00:00"	5.9993	210.33	27.019	88.335	1.6346	26.813	0
"2015-01-05	09:00:00"	7.3968	200.45	27.532	86.214	93.108	26.831	0
"2015-01-05	10:00:00"	6.6971	202.48	30.382	85.768	262.6	26.849	0
"2015-01-05	11:00:00"	7.1439	216.02	34.181	81.445	436.62	26.828	0.01
"2015-01-05	12:00:00"	6.7897	218.91	39.417	70.324	557.39	26.804	0
"2015-01-05	13:00:00"	8.5221	217.51	45.243	58.446	629.2	26.754	0
"2015-01-05	14:00:00"	10.723	215.27	49.634	50.188	632.86	26.722	0
"2015-01-05	15:00:00"	10.716	215.5	52.64	46.128	557.93	26.719	0
"2015-01-05	16:00:00"	10.926	218.12	55.247	41.605	436.31	26.71	0
"2015-01-05	17:00:00"	11.671	220	56.71	37.206	262.11	26.701	0
"2015-01-05	18:00:00"	8.9297	220.17	54.317	41.679	79.823	26.695	0
"2015-01-05	19:00:00"	6.6922	223.44	48.682	53.803	0.81866	26.704	0
"2015-01-05	20:00:00"	7.9125	221.82	44.77	62.23	0.09136	26.692	0
"2015-01-05	21:00:00"	7.2663	212.57	42.148	67.013	0.09009	26.686	0
"2015-01-05	22:00:00"	7.2986	223.43	41.165	69.679	0.09348	26.701	0
"2015-01-05	23:00:00"	4.5814	252.41	38.026	77.358	0.09327	26.707	0
"2015-01-06	00:00:00"	2.6197	272.01	37.992	80.026	0.1079	26.698	0
"2015-01-06	01:00:00"	2.67	247.68	37.964	79.454	0.08416	26.683	0
"2015-01-06	02:00:00"	4.1837	249.6	38.285	77.008	0.08797	26.683	0
"2015-01-06	03:00:00"	6.0882	225.19	40.523	67.779	0.07928	26.698	0
"2015-01-06	04:00:00"	4.2104	255.26	35.046	79.437	0.07864	26.689	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-06	05:00:00"	3.3846	298.81	34.862	75.457	0.10345	26.683	0
"2015-01-06	06:00:00"	2.9173	305.98	34.3	74.63	0.07377	26.683	0
"2015-01-06	07:00:00"	5.2344	260.31	35.739	68.737	0.09094	26.71	0
"2015-01-06	08:00:00"	3.4262	308.6	31.344	78.384	0.97935	26.725	0
"2015-01-06	09:00:00"	2.849	270.46	35.5	68.442	61.625	26.766	0
"2015-01-06	10:00:00"	4.902	324.9	41.282	59.318	246.13	26.793	0
"2015-01-06	11:00:00"	9.7779	21.566	45.036	53.549	423.16	26.784	0
"2015-01-06	12:00:00"	9.1615	36.867	48.111	50.32	552.13	26.769	0
"2015-01-06	13:00:00"	9.3908	40.244	50.131	47.96	619.11	26.748	0
"2015-01-06	14:00:00"	8.1362	25.034	51.871	45.986	620.24	26.728	0
"2015-01-06	15:00:00"	7.7572	8.0584	53.344	43.995	554.97	26.707	0
"2015-01-06	16:00:00"	5.3798	17.628	54.354	42.224	428.44	26.71	0
"2015-01-06	17:00:00"	3.6058	23.781	55.048	41.287	256.08	26.719	0
"2015-01-06	18:00:00"	3.3013	20.651	53.159	45.486	77.483	26.719	0
"2015-01-06	19:00:00"	1.577	48.256	46.099	59.001	0.69317	26.722	0
"2015-01-06	20:00:00"	1.6678	92.208	42.302	68.335	0.10069	26.734	0
"2015-01-06	21:00:00"	2.1922	42.529	39.776	73.801	0.09603	26.734	0
"2015-01-06	22:00:00"	2.9006	22.167	37.468	79.461	0.08564	26.736	0
"2015-01-06	23:00:00"	3.5443	8.6274	35.483	84.16	0.09963	26.745	0
"2015-01-07	00:00:00"	3.8258	8.392	34.019	87.276	0.10832	26.751	0
"2015-01-07	01:00:00"	2.5352	10.691	33.424	89.977	0.07631	26.748	0
"2015-01-07	02:00:00"	2.831	10.797	33.518	90.95	0.10154	26.751	0
"2015-01-07	03:00:00"	6.5809	355.91	32.751	90.595	0.1062	26.769	0
"2015-01-07	04:00:00"	6.909	358.64	32.787	90.691	0.09878	26.766	0
"2015-01-07	05:00:00"	5.6868	10.875	32.039	90.442	0.0884	26.778	0
"2015-01-07	06:00:00"	9.2584	6.9977	31.46	90.184	0.11489	26.796	0
"2015-01-07	07:00:00"	9.5424	5.1709	31.966	89.349	0.07207	26.822	0
"2015-01-07	08:00:00"	10.031	1.5171	31.564	88.766	1.3077	26.869	0
"2015-01-07	09:00:00"	8.5575	19.238	32.958	87.627	79.225	26.931	0
"2015-01-07	10:00:00"	13.943	60.194	35.368	84.066	209.79	26.993	0
"2015-01-07	11:00:00"	18.598	58.948	33.246	75.387	275.89	27.041	0
"2015-01-07	12:00:00"	18.583	44.744	31.538	63.403	521.4	27.064	0
"2015-01-07	13:00:00"	19.579	37.064	30.703	62.178	532.95	27.076	0
"2015-01-07	14:00:00"	17.738	36.544	27.085	67.866	286.21	27.085	0
"2015-01-07	15:00:00"	16.58	28.945	26.076	71.763	156.1	27.097	0
"2015-01-07	16:00:00"	16.701	29.147	25.624	74.107	129.81	27.097	0
"2015-01-07	17:00:00"	15.142	30.71	26.333	67.395	121.08	27.106	0
"2015-01-07	18:00:00"	13.387	25.177	25.603	62.104	32.061	27.109	0
"2015-01-07	19:00:00"	11.04	22.26	24.853	57.267	0.32963	27.114	0
"2015-01-07	20:00:00"	7.3328	31.383	25.018	56.07	0.07568	27.109	0
"2015-01-07	21:00:00"	6.9506	20.485	24.699	57.466	0.10875	27.106	0
"2015-01-07	22:00:00"	5.3786	22.753	24.545	57.364	0.11701	27.094	0
"2015-01-07	23:00:00"	4.2446	50.367	24.305	54.635	0.08585	27.073	0
"2015-01-08	00:00:00"	4.4111	11.66	23.899	52.839	0.09454	27.041	0
"2015-01-08	01:00:00"	5.0225	345.08	23.633	52.341	0.10535	26.996	0
"2015-01-08	02:00:00"	4.5441	267.27	23.094	54.688	0.12464	26.967	0
"2015-01-08	03:00:00"	4.5745	235.51	23.54	55.624	0.09391	26.934	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-08	04:00:00"	4.8697	229.21	23.069	58.098	0.09179	26.896	0
"2015-01-08	05:00:00"	5.7471	225.96	21.875	62.396	0.09963	26.849	0
"2015-01-08	06:00:00"	6.5778	219.16	21.006	66.699	0.10514	26.81	0
"2015-01-08	07:00:00"	7.0948	228.96	20.287	68.899	0.10302	26.79	0
"2015-01-08	08:00:00"	8.3487	231.97	20.443	67.144	1.3312	26.763	0
"2015-01-08	09:00:00"	9.2205	230.25	21.149	64.056	51.252	26.748	0
"2015-01-08	10:00:00"	9.7692	225.73	22.609	63.581	145.46	26.731	0
"2015-01-08	11:00:00"	9.8152	220.44	26.17	57.957	349.49	26.698	0
"2015-01-08	12:00:00"	10.926	221.82	28.787	55.167	411.57	26.645	0
"2015-01-08	13:00:00"	11.977	224.37	32.374	51.671	522	26.592	0
"2015-01-08	14:00:00"	13.146	222.85	36.968	48.791	504.65	26.553	0
"2015-01-08	15:00:00"	11.192	219.24	40.666	46.283	535.71	26.521	0
"2015-01-08	16:00:00"	12.936	221.91	42.403	47.921	411.66	26.503	0
"2015-01-08	17:00:00"	10.108	220.09	41.363	50.405	146.38	26.494	0
"2015-01-08	18:00:00"	8.1462	220.16	41.157	51.542	45.564	26.485	0
"2015-01-08	19:00:00"	6.2584	202.97	41.286	56.746	0.54352	26.506	0
"2015-01-08	20:00:00"	3.6431	194.38	37.367	64.944	0.10663	26.509	0
"2015-01-08	21:00:00"	4.0998	217.97	35.273	68.53	0.09094	26.5	0
"2015-01-08	22:00:00"	6.113	217.6	35.259	66.303	0.08161	26.509	0
"2015-01-08	23:00:00"	5.5451	333.8	35.376	66.983	0.10175	26.539	0
"2015-01-09	00:00:00"	4.7429	349.84	35.494	71.233	0.09581	26.547	0
"2015-01-09	01:00:00"	2.8906	356.65	35.966	72.839	0.10557	26.562	0
"2015-01-09	02:00:00"	4.139	348.15	36.322	77.332	0.09581	26.58	0
"2015-01-09	03:00:00"	8.652	7.4212	35.923	81.153	0.08755	26.601	0.04
"2015-01-09	04:00:00"	14.392	35.999	36.2	80.072	0.10281	26.627	0.01
"2015-01-09	05:00:00"	16.778	53.345	35.511	74.943	0.08797	26.669	0.01
"2015-01-09	06:00:00"	16.37	47.723	33.943	72.665	0.0761	26.704	0
"2015-01-09	07:00:00"	15.78	48.049	32.388	72.795	0.07356	26.745	0
"2015-01-09	08:00:00"	13.497	50.178	31.67	72.408	0.59163	26.787	0
"2015-01-09	09:00:00"	15.898	58.331	30.245	74.216	33.443	26.825	0
"2015-01-09	10:00:00"	15.977	59.911	29.589	75.368	114.15	26.855	0
"2015-01-09	11:00:00"	14.097	60.063	29.213	74.777	105.76	26.869	0
"2015-01-09	12:00:00"	12.072	61.59	29.802	73.816	185.7	26.866	0
"2015-01-09	13:00:00"	9.3404	57.83	30.33	71.407	206.06	26.834	0
"2015-01-09	14:00:00"	7.1041	65.112	31.071	70.056	189	26.816	0
"2015-01-09	15:00:00"	6.479	63.469	31.828	68.19	223.37	26.807	0
"2015-01-09	16:00:00"	7.6777	48.501	32.464	64.989	196.55	26.804	0
"2015-01-09	17:00:00"	5.9875	60.06	32.771	62.954	118.41	26.798	0
"2015-01-09	18:00:00"	5.7321	85.106	32.141	62.047	48.688	26.798	0
"2015-01-09	19:00:00"	3.9463	36.487	29.972	68.535	1.1369	26.793	0
"2015-01-09	20:00:00"	3.5194	82.683	27.969	73.445	0.10535	26.81	0
"2015-01-09	21:00:00"	4.4068	76.109	27.196	76.431	0.10959	26.813	0
"2015-01-09	22:00:00"	4.4422	102.59	26.735	74.914	0.0797	26.801	0
"2015-01-09	23:00:00"	5.4724	125.18	26.661	73.128	0.08712	26.784	0
"2015-01-10	00:00:00"	6.4473	131.48	25.691	73.335	0.09857	26.763	0
"2015-01-10	01:00:00"	3.6748	119.35	24.034	78.351	0.10387	26.751	0
"2015-01-10	02:00:00"	3.5909	148.23	23.671	78.201	0.08755	26.739	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-10	03:00:00"	3.4405	131.24	23.518	74.687	0.08755	26.731	0
"2015-01-10	04:00:00"	3.3958	151.79	24.473	71.558	0.10663	26.713	0
"2015-01-10	05:00:00"	2.3569	163.37	24.116	76.936	0.09984	26.686	0
"2015-01-10	06:00:00"	4.5497	340.23	22.666	83.021	0.10811	26.669	0
"2015-01-10	07:00:00"	3.571	154.73	24.7	71.664	0.09412	26.677	0
"2015-01-10	08:00:00"	4.3769	196.05	26.129	65.251	0.45682	26.68	0
"2015-01-10	09:00:00"	5.1835	201.01	26.558	58.481	21.388	26.677	0
"2015-01-10	10:00:00"	6.3635	195.1	26.996	55.98	103.68	26.68	0
"2015-01-10	11:00:00"	7.5416	190.36	28.636	51.072	279.38	26.669	0
"2015-01-10	12:00:00"	9.4597	194.66	30.207	52.231	322.14	26.636	0
"2015-01-10	13:00:00"	10.333	203.24	30.731	64.64	267.61	26.598	0
"2015-01-10	14:00:00"	11.158	197.62	31.719	71.552	420.19	26.559	0
"2015-01-10	15:00:00"	11.983	185.45	33.407	70.681	443.88	26.524	0
"2015-01-10	16:00:00"	11.475	193.16	34.312	69.868	212.38	26.512	0
"2015-01-10	17:00:00"	10.578	184.64	34.208	72.917	160.14	26.509	0
"2015-01-10	18:00:00"	10.744	194.74	34.687	75.289	52.718	26.512	0
"2015-01-10	19:00:00"	6.1348	204.4	32.985	79.379	2.0439	26.509	0
"2015-01-10	20:00:00"	5.066	222.16	31.643	83.151	0.08034	26.515	0
"2015-01-10	21:00:00"	6.6959	214.25	31.772	83.824	0.11214	26.515	0
"2015-01-10	22:00:00"	6.6928	213.96	30.504	87.425	0.10069	26.506	0
"2015-01-10	23:00:00"	7.6211	218.52	29.947	89.631	0.09221	26.5	0
"2015-01-11	00:00:00"	6.6654	225.43	29.239	91.227	0.13185	26.483	0
"2015-01-11	01:00:00"	8.0343	235.69	28.759	92.507	0.07928	26.471	0
"2015-01-11	02:00:00"	6.4915	227.23	28.555	92.768	0.09412	26.459	0
"2015-01-11	03:00:00"	7.2936	223.39	28.451	92.431	0.1009	26.462	0
"2015-01-11	04:00:00"	7.682	228.98	29.049	92.562	0.08119	26.453	0
"2015-01-11	05:00:00"	10.995	11.241	28.913	92.506	0.08734	26.453	0
"2015-01-11	06:00:00"	22.823	18.692	28.206	92.32	0.09709	26.444	0
"2015-01-11	07:00:00"	25.7	21.182	26.766	91.908	0.10959	26.453	0
"2015-01-11	08:00:00"	39.765	17.019	26.219	92.227	1.7743	26.459	0
"2015-01-11	09:00:00"	21.169	310.46	29.702	92.664	97.446	26.474	0
"2015-01-11	10:00:00"	7.2601	222.07	33.623	93.034	256.18	26.491	0
"2015-01-11	11:00:00"	6.4871	235.75	40.486	90.6	398.37	26.503	0
"2015-01-11	12:00:00"	7.6932	241.77	49.228	64.58	532.53	26.485	0
"2015-01-11	13:00:00"	8.7327	272.19	57.725	46.196	605.83	26.456	0
"2015-01-11	14:00:00"	9.2	267.75	61.282	40.705	615.51	26.435	0
"2015-01-11	15:00:00"	9.4492	244.15	63.116	36.82	553.91	26.423	0
"2015-01-11	16:00:00"	10.514	256.13	62.975	37.347	430.27	26.429	0
"2015-01-11	17:00:00"	10.072	272.54	62.579	37.004	264.08	26.438	0
"2015-01-11	18:00:00"	7.0376	275.91	60.461	38.092	70.967	26.45	0
"2015-01-11	19:00:00"	1.2862	314.04	51.704	50.982	1.1544	26.465	0
"2015-01-11	20:00:00"	4.2011	305.13	48.564	58.926	0.08225	26.494	0
"2015-01-11	21:00:00"	7.9069	315.72	49.435	58.741	0.0778	26.512	0
"2015-01-11	22:00:00"	7.0613	317.3	48.761	60.074	0.09857	26.518	0
"2015-01-11	23:00:00"	5.8912	314.34	45.55	63.735	0.09666	26.518	0
"2015-01-12	00:00:00"	4.8455	315.86	42.788	66.856	0.08373	26.518	0
"2015-01-12	01:00:00"	4.4068	298.42	41.358	69.555	0.1168	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-12	02:00:00"	4.61	306.79	39.491	77.176	0.08585	26.527	0
"2015-01-12	03:00:00"	6.4181	312.02	40.647	75.912	0.08903	26.545	0
"2015-01-12	04:00:00"	6.9743	314.39	40.458	76.142	0.0761	26.553	0
"2015-01-12	05:00:00"	8.2512	334.89	41.066	71.759	0.07843	26.571	0
"2015-01-12	06:00:00"	13.961	12.549	38.873	75.346	0.08437	26.598	0
"2015-01-12	07:00:00"	16.428	32.143	34.82	89.078	0.10345	26.624	0
"2015-01-12	08:00:00"	15.111	30.697	34.327	91.524	0.37139	26.642	0
"2015-01-12	09:00:00"	14.393	43.561	34.737	85.771	26.809	26.686	0
"2015-01-12	10:00:00"	12.007	37.758	34.46	82.513	58.403	26.728	0
"2015-01-12	11:00:00"	11.992	30.759	33.402	83.138	79.757	26.751	0
"2015-01-12	12:00:00"	12.257	28.886	32.228	85.795	105.5	26.754	0
"2015-01-12	13:00:00"	10.715	32.544	31.414	88.285	89.478	26.739	0
"2015-01-12	14:00:00"	9.3578	37.629	30.99	90.271	77.881	26.725	0
"2015-01-12	15:00:00"	10.101	40.107	30.915	88.733	84.494	26.719	0
"2015-01-12	16:00:00"	9.6729	39.92	30.112	89.056	49.744	26.725	0
"2015-01-12	17:00:00"	9.141	38.623	29.97	86.46	38.762	26.734	0
"2015-01-12	18:00:00"	7.9542	40.517	29.842	85.916	11.629	26.739	0
"2015-01-12	19:00:00"	7.3023	24.632	29.427	85.731	0.42671	26.763	0
"2015-01-12	20:00:00"	6.3728	19.899	29.057	88.397	0.10239	26.763	0
"2015-01-12	21:00:00"	6.4343	23.3	29.219	86.437	0.09264	26.778	0
"2015-01-12	22:00:00"	6.5635	11.052	29.077	87.049	0.10302	26.784	0
"2015-01-12	23:00:00"	6.6524	53.143	28.933	90.772	0.08606	26.784	0
"2015-01-13	00:00:00"	6.5555	53.609	29.158	91.723	0.10323	26.778	0
"2015-01-13	01:00:00"	6.6344	80.628	28.902	91.945	0.11171	26.772	0
"2015-01-13	02:00:00"	9.1975	54.852	28.55	92.325	0.09497	26.754	0
"2015-01-13	03:00:00"	20.925	35.922	27.952	92.092	0.12019	26.76	0
"2015-01-13	04:00:00"	23.966	82.081	27.63	92.057	0.08628	26.736	0
"2015-01-13	05:00:00"	30.608	78.428	27.261	92.355	0.12655	26.742	0
"2015-01-13	06:00:00"	26.142	116.33	26.639	92.335	0.09497	26.751	0
"2015-01-13	07:00:00"	22.406	144.17	26.467	92.148	0.1115	26.748	0
"2015-01-13	08:00:00"	20.426	27.844	26.353	92.176	0.50896	26.739	0
"2015-01-13	09:00:00"	17.828	8.1496	26.279	92.066	16.837	26.745	0
"2015-01-13	10:00:00"	16.458	79.615	26.261	91.883	57.886	26.751	0
"2015-01-13	11:00:00"	16.111	11.357	26.559	90.988	149.38	26.754	0
"2015-01-13	12:00:00"	18.834	190.33	27.483	88.884	123.84	26.742	0
"2015-01-13	13:00:00"	19.839	199.32	27.93	87.453	141.08	26.701	0
"2015-01-13	14:00:00"	18.821	185.85	28.343	87.469	176.77	26.66	0
"2015-01-13	15:00:00"	20.802	219.85	29.086	86.647	115.89	26.654	0
"2015-01-13	16:00:00"	22.158	223.93	29.64	86.688	121.94	26.648	0
"2015-01-13	17:00:00"	21.939	155.87	29.993	87.106	63.016	26.642	0
"2015-01-13	18:00:00"	19.09	117.26	29.908	88.16	18.413	26.642	0
"2015-01-13	19:00:00"	15.896	120.02	29.811	90.664	0.41188	26.645	0
"2015-01-13	20:00:00"	17.061	191.34	29.655	91.574	0.10366	26.654	0
"2015-01-13	21:00:00"	13.849	212.82	29.71	92.067	0.08098	26.654	0
"2015-01-13	22:00:00"	10.446	246.59	29.807	91.969	0.1238	26.669	0
"2015-01-13	23:00:00"	11.487	250.38	29.825	91.404	0.10387	26.674	0
"2015-01-14	00:00:00"	10.1	259.29	29.603	92.275	0.08479	26.669	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-14"	01:00:00"	9.3249	265.4	29.514	92.368	0.10832	26.672	0
"2015-01-14"	02:00:00"	6.0341	270.59	29.768	92.41	0.09645	26.663	0
"2015-01-14"	03:00:00"	3.3672	186.62	29.666	92.295	0.12676	26.657	0
"2015-01-14"	04:00:00"	3.4617	111.96	29.804	92.264	0.10959	26.651	0
"2015-01-14"	05:00:00"	4.6044	41.04	29.853	91.746	0.07483	26.639	0
"2015-01-14"	06:00:00"	4.3676	44.839	29.901	91.559	0.08628	26.648	0
"2015-01-14"	07:00:00"	4.8386	41.491	29.842	92.062	0.09433	26.654	0
"2015-01-14"	08:00:00"	4.9971	22.513	29.819	92.136	0.15432	26.666	0
"2015-01-14"	09:00:00"	19.82	353.04	29.974	91.726	15.467	26.672	0
"2015-01-14"	10:00:00"	36.188	68.569	30.462	91.005	110.56	26.683	0
"2015-01-14"	11:00:00"	10.235	253.63	31.48	88.358	164.58	26.689	0.03
"2015-01-14"	12:00:00"	30.42	321.34	32.455	85.003	166.83	26.669	0
"2015-01-14"	13:00:00"	16.597	7.4582	33.458	83.807	205.85	26.63	0
"2015-01-14"	14:00:00"	4.1762	6.3036	34.275	82.458	144.18	26.612	0.01
"2015-01-14"	15:00:00"	5.363	356.69	35.093	80.731	133.69	26.589	0
"2015-01-14"	16:00:00"	6.1143	352.66	35.773	79.147	110.08	26.592	0
"2015-01-14"	17:00:00"	7.8976	348.7	36.216	79.301	70.779	26.601	0
"2015-01-14"	18:00:00"	6.5648	337.62	36.369	79.277	34.956	26.612	0
"2015-01-14"	19:00:00"	3.0758	320.68	36.122	81.122	0.82057	26.624	0
"2015-01-14"	20:00:00"	2.0822	306.2	35.813	83.388	0.08946	26.636	0
"2015-01-14"	21:00:00"	2.6961	264.85	35.925	82.865	0.09327	26.645	0
"2015-01-14"	22:00:00"	2.1002	275.4	35.435	84.903	0.10832	26.642	0
"2015-01-14"	23:00:00"	3.5145	243.54	35.598	85.125	0.10239	26.66	0
"2015-01-15"	00:00:00"	4.0874	279.57	35.549	86.702	0.09942	26.663	0
"2015-01-15"	01:00:00"	3.6959	303.43	35.478	87.086	0.09645	26.645	0
"2015-01-15"	02:00:00"	4.5366	306.96	35.506	86.367	0.10747	26.642	0
"2015-01-15"	03:00:00"	4.4428	300.58	35.507	86.45	0.0867	26.651	0
"2015-01-15"	04:00:00"	3.6804	296.97	35.404	86.904	0.09327	26.648	0
"2015-01-15"	05:00:00"	3.1075	306.78	34.593	87.008	0.09772	26.645	0
"2015-01-15"	06:00:00"	2.6564	307.1	31.074	90.235	0.10027	26.651	0
"2015-01-15"	07:00:00"	2.7123	313.83	28.7	92.302	0.11129	26.674	0
"2015-01-15"	08:00:00"	3.1802	310.25	28.311	92.545	1.7889	26.695	0
"2015-01-15"	09:00:00"	4.1868	311.89	29.482	89.95	99.849	26.71	0
"2015-01-15"	10:00:00"	5.2611	303.35	34.441	83.076	250.42	26.734	0
"2015-01-15"	11:00:00"	7.0115	296.73	40.5	70.081	422.66	26.766	0
"2015-01-15"	12:00:00"	7.7187	304.09	44.827	61.135	556.02	26.754	0
"2015-01-15"	13:00:00"	5.4196	322.69	48.871	50.574	632.81	26.728	0
"2015-01-15"	14:00:00"	6.0441	310.37	51.401	45.422	639.61	26.707	0
"2015-01-15"	15:00:00"	6.5548	333.54	53.358	41.295	581	26.704	0
"2015-01-15"	16:00:00"	6.2286	340.92	54.754	37.087	456.9	26.707	0
"2015-01-15"	17:00:00"	6.6238	348.59	55.387	35.34	285.16	26.707	0
"2015-01-15"	18:00:00"	4.7212	332.68	54.291	35.498	101.37	26.71	0
"2015-01-15"	19:00:00"	2.7458	346.34	46.903	45.778	1.7531	26.719	0
"2015-01-15"	20:00:00"	4.2806	340.88	40.245	57.898	0.092	26.731	0
"2015-01-15"	21:00:00"	4.2272	341.26	38.757	59.155	0.08522	26.734	0
"2015-01-15"	22:00:00"	5.3991	343.32	37.509	60.254	0.08437	26.736	0
"2015-01-15"	23:00:00"	6.2659	346.96	36.401	60.296	0.08712	26.731	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-16	00:00:00"	4.8827	333.15	35.104	59.368	0.09327	26.731	0
"2015-01-16	01:00:00"	4.2172	304.56	32.446	65.253	0.08458	26.719	0
"2015-01-16	02:00:00"	3.489	309.44	30.204	72.548	0.11065	26.701	0
"2015-01-16	03:00:00"	3.3132	306.86	29.335	75.121	0.10196	26.698	0
"2015-01-16	04:00:00"	3.1199	310.84	29.969	73.518	0.06805	26.689	0
"2015-01-16	05:00:00"	3.3299	294.53	31.863	66.708	0.0867	26.686	0
"2015-01-16	06:00:00"	2.662	303.17	31.661	65.245	0.11468	26.677	0
"2015-01-16	07:00:00"	2.1406	304.69	30.507	67.96	0.08288	26.677	0
"2015-01-16	08:00:00"	3.069	304.07	31.042	67.573	1.815	26.683	0
"2015-01-16	09:00:00"	2.4942	288.63	33.919	61.017	95.293	26.686	0
"2015-01-16	10:00:00"	3.1883	283.92	40.548	52.501	218.85	26.689	0
"2015-01-16	11:00:00"	4.7976	250.39	46.172	42.497	441.96	26.689	0
"2015-01-16	12:00:00"	7.252	224.58	51.696	34.595	543.79	26.672	0
"2015-01-16	13:00:00"	10.937	221.26	54.74	29.657	582.79	26.63	0
"2015-01-16	14:00:00"	11.416	221.83	56.709	27.383	648.52	26.592	0
"2015-01-16	15:00:00"	12.076	214.7	57.858	24.816	600.72	26.565	0
"2015-01-16	16:00:00"	11.856	212.87	58.858	20.835	463.51	26.547	0
"2015-01-16	17:00:00"	11.994	219.38	58.709	22.491	286.86	26.53	0
"2015-01-16	18:00:00"	8.1257	213.46	56.922	26.298	94.309	26.521	0
"2015-01-16	19:00:00"	6.0913	203.29	52.576	29.491	1.3821	26.512	0
"2015-01-16	20:00:00"	5.8309	207.98	48.914	34.34	0.08628	26.518	0
"2015-01-16	21:00:00"	6.9761	221.08	46.964	37.771	0.08712	26.515	0
"2015-01-16	22:00:00"	8.1574	220.57	45.41	38.474	0.09793	26.503	0
"2015-01-16	23:00:00"	5.5308	230.61	40.425	46.22	0.10133	26.497	0
"2015-01-17	00:00:00"	7.4664	230.96	40.05	50.268	0.08946	26.494	0
"2015-01-17	01:00:00"	4.8995	275.53	35.733	59.411	0.08437	26.48	0
"2015-01-17	02:00:00"	6.0149	259.73	40.666	46.55	0.0973	26.459	0
"2015-01-17	03:00:00"	6.1304	298.1	38.149	51.839	0.07695	26.459	0
"2015-01-17	04:00:00"	7.4645	301.87	37.993	51.923	0.07886	26.453	0
"2015-01-17	05:00:00"	7.8753	304.21	36.822	54.139	0.06571	26.435	0
"2015-01-17	06:00:00"	5.5283	294.7	34.864	57.588	0.09475	26.415	0
"2015-01-17	07:00:00"	7.1675	297.32	37.326	52.176	0.08734	26.42	0
"2015-01-17	08:00:00"	6.9749	295.41	37.251	51.928	1.0567	26.456	0
"2015-01-17	09:00:00"	6.607	272.48	39.285	47.316	86.602	26.483	0
"2015-01-17	10:00:00"	8.844	286.49	49.357	32.226	262.76	26.506	0
"2015-01-17	11:00:00"	16.479	320.79	58.248	22.501	425.19	26.574	0
"2015-01-17	12:00:00"	20.257	10.502	60.789	20.523	561.16	26.595	0
"2015-01-17	13:00:00"	15.917	41.877	60.752	20.322	636.17	26.598	0
"2015-01-17	14:00:00"	15.281	49.417	60.801	20.393	642.99	26.592	0
"2015-01-17	15:00:00"	15.217	38.967	62.008	20.114	573.06	26.609	0
"2015-01-17	16:00:00"	12.498	43.877	62.906	18.936	452.62	26.621	0
"2015-01-17	17:00:00"	11.472	50.375	63.081	17.056	273.99	26.642	0
"2015-01-17	18:00:00"	8.6843	55.743	60.742	18.577	95.622	26.663	0
"2015-01-17	19:00:00"	3.2554	72.055	53.066	25.615	1.6505	26.689	0
"2015-01-17	20:00:00"	2.5321	74.094	48.145	31.046	0.07758	26.713	0
"2015-01-17	21:00:00"	2.1792	51.943	44.06	36.993	0.09454	26.728	0
"2015-01-17	22:00:00"	2.7154	42.3	41.73	40.536	0.09221	26.745	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-17	23:00:00"	3.0901	36.704	40.033	43.295	0.09115	26.751	0
"2015-01-18	00:00:00"	3.1833	14.975	38.366	46.605	0.10196	26.757	0
"2015-01-18	01:00:00"	3.297	315.03	35.743	51.058	0.10429	26.766	0
"2015-01-18	02:00:00"	2.1021	279.48	38.088	45.985	0.09666	26.751	0
"2015-01-18	03:00:00"	2.3892	248.84	39.901	42.19	0.08776	26.736	0
"2015-01-18	04:00:00"	4.6982	250.56	42.624	37.429	0.08861	26.725	0
"2015-01-18	05:00:00"	4.5745	278.5	39.465	42.978	0.10959	26.731	0
"2015-01-18	06:00:00"	4.0333	276.55	36.448	48.653	0.07144	26.719	0
"2015-01-18	07:00:00"	3.1205	290.84	36.612	48.621	0.09391	26.728	0
"2015-01-18	08:00:00"	2.2487	297.06	34.606	54.221	1.9668	26.725	0
"2015-01-18	09:00:00"	1.9834	282.35	37.819	51.049	86.596	26.716	0
"2015-01-18	10:00:00"	4.3198	234.64	45.801	41.256	259.93	26.716	0
"2015-01-18	11:00:00"	9.0969	219.58	52.574	32.548	443.78	26.716	0
"2015-01-18	12:00:00"	12.099	209.71	57.641	26.05	568.25	26.689	0
"2015-01-18	13:00:00"	11.25	218.82	61.042	22	582.1	26.648	0
"2015-01-18	14:00:00"	9.955	218.5	64.347	17.975	668.29	26.607	0
"2015-01-18	15:00:00"	11.183	221.26	66.368	16.437	599.58	26.58	0
"2015-01-18	16:00:00"	11.472	220.09	66.815	17.331	466.19	26.562	0
"2015-01-18	17:00:00"	10.091	230.62	67.219	18.268	307.33	26.547	0
"2015-01-18	18:00:00"	7.1277	225.38	65.678	19.615	116.65	26.545	0
"2015-01-18	19:00:00"	4.2054	200.14	60.327	23.785	2.6979	26.533	0
"2015-01-18	20:00:00"	6.4181	204.25	56.216	28.496	0.08734	26.536	0
"2015-01-18	21:00:00"	5.5016	193.67	51.839	33.518	0.10239	26.533	0
"2015-01-18	22:00:00"	4.5988	204.63	49.175	37.201	0.11574	26.53	0
"2015-01-18	23:00:00"	2.798	293.73	44.1	45.161	0.08988	26.524	0
"2015-01-19	00:00:00"	2.4358	277.48	46.63	40.918	0.09221	26.527	0
"2015-01-19	01:00:00"	3.0913	301.73	43.587	46.451	0.10133	26.503	0
"2015-01-19	02:00:00"	9.059	306.66	44.949	45.005	0.08818	26.497	0
"2015-01-19	03:00:00"	6.8717	309.54	42.645	48.789	0.10557	26.494	0
"2015-01-19	04:00:00"	8.3375	308.13	42.173	49.691	0.08882	26.488	0
"2015-01-19	05:00:00"	8.9465	309.63	41.842	50.101	0.09158	26.48	0
"2015-01-19	06:00:00"	8.3674	315.27	41.674	51.001	0.07949	26.48	0
"2015-01-19	07:00:00"	7.3502	312.5	41.546	51.724	0.09391	26.497	0
"2015-01-19	08:00:00"	8.8788	318.79	42.276	50.015	2.113	26.503	0
"2015-01-19	09:00:00"	8.2543	321.97	44.302	45.699	60.545	26.524	0
"2015-01-19	10:00:00"	8.7812	311.65	49.128	38.983	238.72	26.533	0
"2015-01-19	11:00:00"	11.119	332.33	58.672	26.702	412.83	26.539	0
"2015-01-19	12:00:00"	9.21	331.21	64.11	20.854	578.68	26.521	0
"2015-01-19	13:00:00"	7.0227	318.06	67.268	17.894	653.92	26.488	0
"2015-01-19	14:00:00"	7.5049	295.2	70.053	16.478	662.66	26.465	0
"2015-01-19	15:00:00"	8.0729	308.06	71.821	15.373	601.07	26.444	0
"2015-01-19	16:00:00"	7.3365	311.44	72.628	14.293	467.74	26.429	0
"2015-01-19	17:00:00"	8.9254	315.37	72.462	14.121	303.59	26.429	0
"2015-01-19	18:00:00"	4.0327	326.26	70.199	16.35	115.37	26.429	0
"2015-01-19	19:00:00"	1.8591	150.84	63.814	21.027	2.7744	26.432	0
"2015-01-19	20:00:00"	1.6373	105.32	56.009	28.105	0.08967	26.438	0
"2015-01-19	21:00:00"	3.1118	276.63	54.985	29.347	0.08331	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-19	22:00:00"	1.628	280.77	53.777	30.113	0.09687	26.429	0
"2015-01-19	23:00:00"	1.651	288.49	50.579	34.739	0.1062	26.423	0
"2015-01-20	00:00:00"	1.82	296.13	48.914	37.365	0.08755	26.409	0
"2015-01-20	01:00:00"	2.7042	273.82	49.963	36.291	0.09921	26.403	0
"2015-01-20	02:00:00"	2.0816	293.61	46.435	42.056	0.07864	26.394	0
"2015-01-20	03:00:00"	1.7162	285.92	45.544	43.777	0.09475	26.391	0
"2015-01-20	04:00:00"	1.0017	274.26	44.296	45.972	0.09327	26.379	0
"2015-01-20	05:00:00"	2.3941	299.24	41.422	51.525	0.09391	26.376	0
"2015-01-20	06:00:00"	5.9683	312.03	43.284	49.124	0.07313	26.385	0
"2015-01-20	07:00:00"	6.2162	320.47	42.969	49.291	0.08331	26.4	0
"2015-01-20	08:00:00"	7.1147	329.08	43.706	49.374	2.2714	26.42	0
"2015-01-20	09:00:00"	5.1474	313.55	45.958	45.313	87.087	26.435	0
"2015-01-20	10:00:00"	7.7622	319.57	51.765	37.789	259.06	26.468	0
"2015-01-20	11:00:00"	12.562	357.66	55.243	35.098	441.01	26.485	0
"2015-01-20	12:00:00"	13.691	350.83	59.177	31.759	579.33	26.488	0
"2015-01-20	13:00:00"	14.078	342.98	61.86	28.16	655.4	26.462	0
"2015-01-20	14:00:00"	11.93	355.61	64.174	24.722	661.86	26.444	0
"2015-01-20	15:00:00"	11.517	4.1311	64.855	23.895	598.44	26.438	0
"2015-01-20	16:00:00"	10.781	23.523	64.284	24.841	475.34	26.444	0
"2015-01-20	17:00:00"	10.091	33.197	63.566	25.223	304.1	26.453	0
"2015-01-20	18:00:00"	8.4009	45.357	60.717	28.196	107.5	26.474	0
"2015-01-20	19:00:00"	6.0211	55.799	54.073	35.467	4.7551	26.48	0
"2015-01-20	20:00:00"	9.154	61.82	50.164	41.462	0.08119	26.491	0
"2015-01-20	21:00:00"	9.5101	58.936	47.659	46	0.12931	26.503	0
"2015-01-20	22:00:00"	10.349	62.068	45.328	51.067	0.10281	26.512	0
"2015-01-20	23:00:00"	12.679	70.131	44.299	52.917	0.10599	26.533	0
"2015-01-21	00:00:00"	11.433	70.586	41.952	57.434	0.0903	26.533	0
"2015-01-21	01:00:00"	10.721	68.221	39.482	62.209	0.08225	26.527	0
"2015-01-21	02:00:00"	12.433	73.235	38.393	64.249	0.08076	26.527	0
"2015-01-21	03:00:00"	9.7928	73.295	37.322	68.937	0.11002	26.53	0
"2015-01-21	04:00:00"	6.9693	40.655	35.182	74.538	0.09073	26.545	0
"2015-01-21	05:00:00"	6.9606	4.1829	31.834	81.211	0.09645	26.536	0
"2015-01-21	06:00:00"	7.0538	21.758	32.086	83.347	0.1115	26.521	0
"2015-01-21	07:00:00"	8.2537	20.335	31.983	84.858	0.11002	26.533	0
"2015-01-21	08:00:00"	9.5157	38.448	33.566	83.536	1.9678	26.533	0
"2015-01-21	09:00:00"	11.967	58.559	35.096	81.828	74.518	26.545	0
"2015-01-21	10:00:00"	15.677	73.47	38.563	75.848	217.31	26.536	0
"2015-01-21	11:00:00"	15.91	79.32	41.153	66.804	274.08	26.55	0
"2015-01-21	12:00:00"	14.948	80.413	42.366	62.468	230.51	26.527	0
"2015-01-21	13:00:00"	12.743	93.307	43.496	61.628	220.76	26.503	0
"2015-01-21	14:00:00"	11.83	81.28	44.248	61.615	122.63	26.456	0
"2015-01-21	15:00:00"	12.45	72.297	43.536	64.509	63.776	26.429	0
"2015-01-21	16:00:00"	9.4473	85.464	43.412	65.678	54.282	26.441	0
"2015-01-21	17:00:00"	9.9631	84.759	42.963	67.115	55.017	26.435	0
"2015-01-21	18:00:00"	7.7504	85.866	40.556	80.632	15.55	26.456	0
"2015-01-21	19:00:00"	6.5927	79.538	38.81	89.344	0.13334	26.465	0
"2015-01-21	20:00:00"	6.7145	75.411	38.263	90.909	0.10493	26.485	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-21	21:00:00"	4.2017	19.633	38.213	90.502	0.10027	26.512	0.06
"2015-01-21	22:00:00"	12.915	86.586	37.374	91.076	0.10281	26.48	0.06
"2015-01-21	23:00:00"	10.857	54.92	37.21	89.937	0.09921	26.494	0
"2015-01-22	00:00:00"	11.69	42.538	37.114	89.687	0.10345	26.518	0
"2015-01-22	01:00:00"	13.144	44.891	36.599	90.094	0.10514	26.536	0
"2015-01-22	02:00:00"	15.55	50.879	34.353	91.166	0.09454	26.509	0
"2015-01-22	03:00:00"	17.023	54.407	33.386	90.14	0.10557	26.556	0
"2015-01-22	04:00:00"	15.782	55.628	32.794	90.874	0.10217	26.545	0
"2015-01-22	05:00:00"	15.199	49.267	32.166	91.104	0.07801	26.562	0.01
"2015-01-22	06:00:00"	15.448	57.889	32.034	90.941	0.1079	26.574	0
"2015-01-22	07:00:00"	18.335	54.702	31.79	91.433	0.0884	26.604	0
"2015-01-22	08:00:00"	14.437	55.852	31.64	91.755	0.45109	26.621	0
"2015-01-22	09:00:00"	12.661	43.847	31.803	91.169	29.435	26.642	0
"2015-01-22	10:00:00"	11.748	38.018	31.769	90.719	67.657	26.654	0
"2015-01-22	11:00:00"	12.22	41.615	31.977	89.754	105.9	26.669	0
"2015-01-22	12:00:00"	23.421	26.576	31.912	89.655	96.129	26.669	0
"2015-01-22	13:00:00"	16.959	28.347	31.976	89.705	151.98	26.663	0.01
"2015-01-22	14:00:00"	18.732	19.789	32.029	88.827	118.68	26.645	0
"2015-01-22	15:00:00"	13.694	37.942	32.094	88.49	102.82	26.648	0.01
"2015-01-22	16:00:00"	14.194	36.219	31.974	88.348	100.98	26.648	0
"2015-01-22	17:00:00"	14.218	30.518	31.649	89.673	60.349	26.672	0
"2015-01-22	18:00:00"	14.457	27.788	31.314	89.695	24.501	26.686	0
"2015-01-22	19:00:00"	13.187	24.444	31.082	90.42	1.5985	26.704	0
"2015-01-22	20:00:00"	12.974	20.111	31.027	90.449	0.08394	26.719	0
"2015-01-22	21:00:00"	12.168	21.474	30.92	89.691	0.08946	26.713	0
"2015-01-22	22:00:00"	11.521	16.566	30.453	89.649	0.09666	26.713	0
"2015-01-22	23:00:00"	11.122	4.4287	30.143	88.901	0.10429	26.719	0
"2015-01-23	00:00:00"	10.462	6.9408	29.58	89.748	0.10705	26.719	0
"2015-01-23	01:00:00"	10.182	2.1414	29.375	89.662	0.09687	26.707	0
"2015-01-23	02:00:00"	10.266	347.93	28.952	89.841	0.0655	26.704	0
"2015-01-23	03:00:00"	8.1611	335.77	28.021	89.287	0.09475	26.704	0
"2015-01-23	04:00:00"	6.8189	327.93	26.085	89.131	0.1009	26.686	0
"2015-01-23	05:00:00"	4.7777	323.73	23.764	90.104	0.09115	26.672	0
"2015-01-23	06:00:00"	4.5839	313.81	22.028	89.308	0.11913	26.669	0
"2015-01-23	07:00:00"	2.7707	307.35	20.395	90.505	0.11002	26.674	0
"2015-01-23	08:00:00"	2.6191	283.19	21.085	91.239	1.5547	26.68	0
"2015-01-23	09:00:00"	2.5222	279.01	22.302	89.775	98.971	26.68	0
"2015-01-23	10:00:00"	3.0528	256.27	26.99	83.924	255.59	26.689	0
"2015-01-23	11:00:00"	4.2266	233.75	29.343	81.718	417.67	26.692	0.01
"2015-01-23	12:00:00"	7.2004	235.14	33.081	76.599	548.6	26.674	0.03
"2015-01-23	13:00:00"	7.9343	236.51	35.673	74.457	619.84	26.645	0.05
"2015-01-23	14:00:00"	8.2891	245.28	38.717	70.553	639.24	26.612	0.05
"2015-01-23	15:00:00"	9.2329	267.14	41.456	62.976	603.89	26.601	0.06
"2015-01-23	16:00:00"	9.543	272.1	43.534	55.29	485.14	26.589	0
"2015-01-23	17:00:00"	10.384	288.1	44.509	48.374	319.79	26.592	0
"2015-01-23	18:00:00"	8.5886	295.72	43.769	44.438	132.93	26.601	0
"2015-01-23	19:00:00"	4.4459	298.31	38.738	56.555	3.3989	26.618	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-23	20:00:00"	4.1073	318.49	32.599	72.237	0.06847	26.633	0
"2015-01-23	21:00:00"	5.9881	313.57	32.268	75.468	0.08564	26.648	0
"2015-01-23	22:00:00"	5.6296	316.05	30.827	76.49	0.10641	26.645	0
"2015-01-23	23:00:00"	6.8866	301.66	29.866	78.819	0.11108	26.666	0
"2015-01-24	00:00:00"	9.0646	317.93	30.606	76.339	0.08967	26.663	0
"2015-01-24	01:00:00"	7.2663	316.99	29.66	74.233	0.10684	26.666	0
"2015-01-24	02:00:00"	7.3657	313.18	29.226	76.579	0.10981	26.654	0
"2015-01-24	03:00:00"	11.364	330.73	32.76	65.142	0.1079	26.642	0
"2015-01-24	04:00:00"	8.0896	314.5	32.861	62.871	0.09264	26.654	0
"2015-01-24	05:00:00"	6.6648	305.8	29.885	73.149	0.06571	26.66	0
"2015-01-24	06:00:00"	7.3639	311.5	30.828	66.948	0.08967	26.657	0
"2015-01-24	07:00:00"	6.8475	315.03	30.058	69.778	0.08967	26.666	0
"2015-01-24	08:00:00"	5.7421	319.5	29.36	73.886	1.3698	26.669	0
"2015-01-24	09:00:00"	7.6304	326.01	33.422	65.753	60.394	26.674	0
"2015-01-24	10:00:00"	5.5476	305.03	36.211	63.285	171.52	26.669	0
"2015-01-24	11:00:00"	4.5559	288.53	39.395	63.27	344.82	26.677	0
"2015-01-24	12:00:00"	5.4364	286.83	45.919	51.38	431.13	26.663	0
"2015-01-24	13:00:00"	6.8543	281.91	49.983	42.46	510.87	26.627	0
"2015-01-24	14:00:00"	9.118	291.17	52.691	33.963	557.45	26.589	0
"2015-01-24	15:00:00"	8.9825	278.94	53.568	30.688	497.04	26.556	0
"2015-01-24	16:00:00"	8.8614	259	55.476	31.498	488.25	26.539	0
"2015-01-24	17:00:00"	9.0142	258.86	55.546	32.963	285.14	26.524	0
"2015-01-24	18:00:00"	7.4751	248.91	54.724	34.649	141.46	26.509	0
"2015-01-24	19:00:00"	3.8357	231.68	49.481	44.771	3.9803	26.509	0
"2015-01-24	20:00:00"	4.646	233.4	44.8	54.732	0.085	26.494	0
"2015-01-24	21:00:00"	8.0648	220.54	44.582	54.67	0.08585	26.468	0
"2015-01-24	22:00:00"	5.3736	242.35	41.629	60.942	0.09899	26.483	0
"2015-01-24	23:00:00"	4.2309	250.77	40.461	62.078	0.1151	26.488	0
"2015-01-25	00:00:00"	5.5495	300.48	39.515	63.976	0.07716	26.491	0
"2015-01-25	01:00:00"	7.5869	307.9	39.769	60.301	0.10853	26.494	0
"2015-01-25	02:00:00"	6.8425	311.43	39.125	58.482	0.06847	26.494	0
"2015-01-25	03:00:00"	9.6903	318.86	39.601	54.865	0.07356	26.515	0
"2015-01-25	04:00:00"	11.69	330.07	40.842	52.431	0.08776	26.521	0
"2015-01-25	05:00:00"	10.435	327.75	38.641	59.641	0.10959	26.521	0
"2015-01-25	06:00:00"	9.7748	332.43	37.739	61.999	0.0973	26.545	0
"2015-01-25	07:00:00"	11.024	358	38.146	62.289	0.10302	26.574	0
"2015-01-25	08:00:00"	10.569	0.69755	36.903	66.566	3.5462	26.598	0
"2015-01-25	09:00:00"	12.101	14.473	38.84	64.967	69.612	26.618	0
"2015-01-25	10:00:00"	11.314	21.427	43.839	52.956	208.35	26.642	0
"2015-01-25	11:00:00"	12.254	19.911	48.081	40.548	389.62	26.677	0
"2015-01-25	12:00:00"	12.939	31.982	52.565	29.763	597.3	26.669	0
"2015-01-25	13:00:00"	10.192	43.274	54.915	26.084	622.66	26.66	0
"2015-01-25	14:00:00"	7.2868	50.598	56.28	26.548	672.79	26.63	0
"2015-01-25	15:00:00"	5.6116	38.169	57.731	25.79	626.85	26.633	0
"2015-01-25	16:00:00"	3.146	115.18	59.025	24.833	497.82	26.639	0
"2015-01-25	17:00:00"	3.4648	174.9	59.474	25.076	324.62	26.633	0
"2015-01-25	18:00:00"	2.3817	67.728	58.688	25.934	128.27	26.627	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-25	19:00:00"	2.3165	152.86	52.581	37.475	2.4522	26.645	0
"2015-01-25	20:00:00"	3.2529	164.11	50.073	39.538	0.09052	26.663	0
"2015-01-25	21:00:00"	1.6491	195.61	47.647	42.289	0.0778	26.683	0
"2015-01-25	22:00:00"	2.1754	341.05	42.946	50.632	0.0744	26.683	0
"2015-01-25	23:00:00"	2.7639	269.66	45.522	44.037	0.06741	26.683	0
"2015-01-26	00:00:00"	2.5389	280.53	43.674	47.084	0.09878	26.686	0
"2015-01-26	01:00:00"	2.0436	334.44	39.758	55.418	0.08773	26.672	0
"2015-01-26	02:00:00"	2.268	327.98	37.202	61.061	0.092	26.66	0
"2015-01-26	03:00:00"	2.3221	313.56	36.039	65.892	0.07186	26.66	0
"2015-01-26	04:00:00"	3.7537	288.09	36.844	63.446	0.08861	26.654	0
"2015-01-26	05:00:00"	3.1814	284.81	36.16	64.945	0.0814	26.669	0
"2015-01-26	06:00:00"	3.0509	304.27	35.587	68.396	0.10005	26.663	0
"2015-01-26	07:00:00"	2.8875	317.77	34.653	70.466	0.10048	26.666	0
"2015-01-26	08:00:00"	3.1143	324.4	33.383	73.045	1.5239	26.68	0
"2015-01-26	09:00:00"	5.281	318	38.454	61.524	70.707	26.683	0
"2015-01-26	10:00:00"	4.587	303.72	45.764	48.911	214.31	26.692	0
"2015-01-26	11:00:00"	5.5836	289.61	51.619	38.997	348.06	26.71	0
"2015-01-26	12:00:00"	5.1916	239.86	54.833	38.177	431.1	26.707	0
"2015-01-26	13:00:00"	5.8216	226.57	59.258	30.645	472.3	26.674	0
"2015-01-26	14:00:00"	4.4906	240.8	62.87	24.37	686.52	26.648	0
"2015-01-26	15:00:00"	5.7775	268.25	65.461	21.101	582.07	26.633	0
"2015-01-26	16:00:00"	4.9797	286.18	65.972	20.658	370.02	26.633	0
"2015-01-26	17:00:00"	3.3051	280.29	64.926	21.359	216.39	26.63	0
"2015-01-26	18:00:00"	2.7452	232.61	63.263	22.446	80.843	26.63	0
"2015-01-26	19:00:00"	5.2431	207.78	58.752	32.965	3.345	26.639	0
"2015-01-26	20:00:00"	4.1688	220.07	55.556	37.7	0.06762	26.654	0
"2015-01-26	21:00:00"	3.7059	234.05	52.538	40.837	0.08649	26.654	0
"2015-01-26	22:00:00"	2.2556	303.04	47.599	49.179	0.0903	26.642	0
"2015-01-26	23:00:00"	3.909	302.31	44.801	58.438	0.07292	26.645	0
"2015-01-27	00:00:00"	4.0029	295.99	42.957	62.171	0.09666	26.645	0
"2015-01-27	01:00:00"	5.3164	295.34	42.219	61.787	0.08373	26.639	0
"2015-01-27	02:00:00"	5.0418	281.92	40.573	64.482	0.10663	26.636	0
"2015-01-27	03:00:00"	5.1891	295.13	39.111	69.067	0.09624	26.636	0
"2015-01-27	04:00:00"	6.0292	318.46	39.673	66.272	0.09518	26.63	0
"2015-01-27	05:00:00"	5.9117	320.02	38.608	68.575	0.10599	26.621	0
"2015-01-27	06:00:00"	7.774	348.69	44.813	55.775	0.09433	26.621	0
"2015-01-27	07:00:00"	6.9531	352.35	44.648	56.431	0.08543	26.627	0
"2015-01-27	08:00:00"	4.8802	327.08	42.981	59.181	3.355	26.645	0
"2015-01-27	09:00:00"	4.2937	297.74	41.679	64.615	95.874	26.66	0
"2015-01-27	10:00:00"	5.496	304.24	48.106	54.917	275.8	26.677	0
"2015-01-27	11:00:00"	2.1319	337.92	60.068	35.954	458.52	26.686	0
"2015-01-27	12:00:00"	2.8359	260.73	65.017	29.45	578.92	26.674	0
"2015-01-27	13:00:00"	3.9364	216.65	67.533	24.471	671.03	26.645	0
"2015-01-27	14:00:00"	4.0911	210.47	69.327	22.642	671.22	26.615	0
"2015-01-27	15:00:00"	4.8156	233.96	71.203	19.39	612.81	26.592	0
"2015-01-27	16:00:00"	4.5223	224.53	72.21	17.884	492.77	26.586	0
"2015-01-27	17:00:00"	8.2189	193.86	71.218	21.307	322.27	26.58	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-27	18:00:00"	7.9262	185.85	69.048	23.267	135.4	26.58	0
"2015-01-27	19:00:00"	3.9202	184.44	63.174	30.253	4.7136	26.577	0
"2015-01-27	20:00:00"	3.3921	187.77	58.183	36.984	0.08182	26.58	0
"2015-01-27	21:00:00"	2.8838	188.3	56.973	38.458	0.05829	26.58	0
"2015-01-27	22:00:00"	3.6419	218.35	57.07	38.351	0.08161	26.58	0
"2015-01-27	23:00:00"	3.4356	240.21	55.96	40.307	0.09433	26.577	0
"2015-01-28	00:00:00"	3.3051	243.18	53.947	43.756	0.08013	26.577	0
"2015-01-28	01:00:00"	2.8397	254.82	51.741	48.442	0.08246	26.562	0
"2015-01-28	02:00:00"	4.9088	228.45	51.96	48.981	0.10069	26.556	0
"2015-01-28	03:00:00"	2.4575	252.75	50.72	51.612	0.09009	26.556	0
"2015-01-28	04:00:00"	1.8362	251.8	48.693	55.984	0.10217	26.545	0
"2015-01-28	05:00:00"	1.4907	334.24	47.6	61.801	0.08776	26.545	0
"2015-01-28	06:00:00"	2.7291	187.58	48.492	65.341	0.07568	26.542	0
"2015-01-28	07:00:00"	2.6203	254.68	49.373	65.206	0.092	26.547	0
"2015-01-28	08:00:00"	2.2115	273.25	44.784	75.501	4.7689	26.553	0
"2015-01-28	09:00:00"	1.2303	283.42	48.368	69.628	80.918	26.556	0
"2015-01-28	10:00:00"	2.7079	239	51.374	64.036	248.84	26.586	0
"2015-01-28	11:00:00"	6.3796	275.79	57.974	52.768	315.29	26.604	0
"2015-01-28	12:00:00"	7.1638	268.95	63.979	41.357	582.25	26.571	0
"2015-01-28	13:00:00"	8.2965	275.86	69.872	32.655	672.45	26.536	0
"2015-01-28	14:00:00"	8.8639	271.7	73.343	26.68	681.24	26.515	0
"2015-01-28	15:00:00"	9.8754	289.06	74.32	25.461	622.33	26.497	0
"2015-01-28	16:00:00"	10.432	289.52	74.802	25.541	496.09	26.488	0
"2015-01-28	17:00:00"	10.141	267.44	74.923	25.313	314.2	26.48	0
"2015-01-28	18:00:00"	5.7402	257.2	73.533	26.268	133.5	26.48	0
"2015-01-28	19:00:00"	2.8999	208.43	68.757	32.062	4.4899	26.488	0
"2015-01-28	20:00:00"	2.8707	248.61	63.927	38.768	0.07292	26.506	0
"2015-01-28	21:00:00"	1.0414	349.59	57.614	47.916	0.07716	26.524	0
"2015-01-28	22:00:00"	1.0526	306.13	54.791	50.177	0.07228	26.533	0
"2015-01-28	23:00:00"	1.2048	315.12	50.14	57.942	0.0814	26.536	0
"2015-01-29	00:00:00"	2.8571	308.96	52.406	53.523	0.1079	26.545	0
"2015-01-29	01:00:00"	3.8674	203.27	49.814	58.185	0.07419	26.55	0
"2015-01-29	02:00:00"	1.1346	1.8507	48.459	61.349	0.09666	26.556	0
"2015-01-29	03:00:00"	1.3714	34.03	45.821	67.756	0.09624	26.562	0
"2015-01-29	04:00:00"	1.6727	352.12	43.487	73.457	0.0778	26.562	0
"2015-01-29	05:00:00"	3.0547	9.6874	44.352	71.359	0.09772	26.583	0
"2015-01-29	06:00:00"	7.3794	14.243	44.058	70.868	0.08924	26.601	0
"2015-01-29	07:00:00"	8.949	17.58	46.011	64.364	0.07356	26.642	0
"2015-01-29	08:00:00"	14.053	36.186	46.749	58.714	4.4295	26.672	0
"2015-01-29	09:00:00"	14.213	48.494	46.661	57.735	84.883	26.701	0
"2015-01-29	10:00:00"	15.362	43.166	48.711	53.753	186.91	26.739	0
"2015-01-29	11:00:00"	16.689	47.937	51.963	46.4	316.15	26.769	0
"2015-01-29	12:00:00"	16.482	49.733	53.589	44.211	432.43	26.769	0
"2015-01-29	13:00:00"	16.605	48.619	54.827	40.863	398.27	26.766	0
"2015-01-29	14:00:00"	15.054	51.108	55.653	38.042	431.84	26.766	0
"2015-01-29	15:00:00"	13.78	46.945	56.447	36.433	439.84	26.775	0
"2015-01-29	16:00:00"	13.313	47.042	55.512	35.501	227.51	26.769	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-29"	17:00:00"	15.16	55.597	55.38	32.71	174.66	26.769	0
"2015-01-29"	18:00:00"	14.19	56.293	53.935	32.183	51.143	26.79	0
"2015-01-29"	19:00:00"	11.336	58.909	52.447	31.24	2.6597	26.807	0
"2015-01-29"	20:00:00"	11.214	62.847	51.062	32.754	0.0956	26.828	0
"2015-01-29"	21:00:00"	11.86	65.489	49.561	34.412	0.09348	26.831	0
"2015-01-29"	22:00:00"	7.6317	63.15	47.234	45.727	0.092	26.852	0
"2015-01-29"	23:00:00"	7.0724	74.822	44.675	58.984	0.10451	26.849	0
"2015-01-30"	00:00:00"	6.4237	63.067	42.572	68.419	0.08394	26.837	0.01
"2015-01-30"	01:00:00"	6.3032	63.15	41.478	72.903	0.07737	26.816	0.02
"2015-01-30"	02:00:00"	8.7998	70.199	41.056	70.883	0.10366	26.807	0
"2015-01-30"	03:00:00"	7.8336	75.083	40.58	71.937	0.09581	26.798	0
"2015-01-30"	04:00:00"	4.7814	76.476	40.16	72.878	0.08988	26.79	0
"2015-01-30"	05:00:00"	5.3071	55.573	40.142	68.409	0.08267	26.775	0
"2015-01-30"	06:00:00"	7.6261	62.511	39.972	65.386	0.11065	26.766	0
"2015-01-30"	07:00:00"	8.6259	62.957	39.422	63.342	0.10302	26.769	0
"2015-01-30"	08:00:00"	8.2412	69.805	38.725	64.898	0.3752	26.778	0
"2015-01-30"	09:00:00"	7.4185	76.172	38.672	65.59	14.736	26.775	0
"2015-01-30"	10:00:00"	9.7642	83.278	38.543	65.063	48.26	26.769	0
"2015-01-30"	11:00:00"	10.379	84.177	38.87	65.917	134.57	26.757	0
"2015-01-30"	12:00:00"	10.208	88.111	39.733	65.404	249.15	26.734	0
"2015-01-30"	13:00:00"	8.926	92.024	41.41	61.129	254.49	26.689	0
"2015-01-30"	14:00:00"	7.8777	108.49	42.811	58.651	244.18	26.669	0
"2015-01-30"	15:00:00"	6.735	126.89	42.958	59.275	125.16	26.645	0
"2015-01-30"	16:00:00"	7.2259	117.05	43.617	58.429	116.61	26.621	0
"2015-01-30"	17:00:00"	7.9846	117.64	43.6	59.602	49.754	26.609	0
"2015-01-30"	18:00:00"	8.4885	115.13	43.344	60.939	26.697	26.595	0
"2015-01-30"	19:00:00"	8.6352	111.86	42.992	62.537	1.3225	26.583	0
"2015-01-30"	20:00:00"	7.9442	113.06	42.663	64.358	0.09645	26.583	0.01
"2015-01-30"	21:00:00"	5.4507	95.461	40.5	78.957	0.08882	26.577	0.02
"2015-01-30"	22:00:00"	5.4625	92.877	40.17	81.968	0.10429	26.574	0
"2015-01-30"	23:00:00"	5.9732	90.845	39.988	84.399	0.08734	26.553	0.05
"2015-01-31"	00:00:00"	9.3112	90.992	39.817	85.213	0.08098	26.539	0.01
"2015-01-31"	01:00:00"	8.2624	89.249	39.694	87.152	0.10302	26.512	0.04
"2015-01-31"	02:00:00"	7.7143	97.303	39.319	87.936	0.10769	26.497	0.04
"2015-01-31"	03:00:00"	8.6955	94.638	38.767	89.928	0.1062	26.462	0.04
"2015-01-31"	04:00:00"	9.6648	102.62	38.396	91.068	0.09836	26.441	0.08
"2015-01-31"	05:00:00"	9.5107	112.64	38.423	91.756	0.10281	26.423	0.09
"2015-01-31"	06:00:00"	9.9761	114.78	38.97	91.953	0.09348	26.379	0.06
"2015-01-31"	07:00:00"	10.088	127.22	39.733	92.02	0.09899	26.391	0.03
"2015-01-31"	08:00:00"	8.0803	137.95	40.728	91.758	0.33832	26.388	0
"2015-01-31"	09:00:00"	8.6246	144.2	41.693	91.599	8.0832	26.388	0
"2015-01-31"	10:00:00"	9.7487	152.55	42.344	92.041	16.623	26.397	0
"2015-01-31"	11:00:00"	8.0797	153.11	42.711	92.707	49.274	26.394	0.01
"2015-01-31"	12:00:00"	7.6913	162.32	43.64	92.8	72.942	26.37	0
"2015-01-31"	13:00:00"	8.6551	177.87	44.878	92.708	89.377	26.341	0
"2015-01-31"	14:00:00"	8.8247	192.24	45.456	92.274	76.633	26.317	0
"2015-01-31"	15:00:00"	7.5552	193.5	45.889	92.382	87.538	26.299	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-01-31"	16:00:00"	6.7487	195.31	46.494	92.464	104.89	26.285	0
"2015-01-31"	17:00:00"	5.5283	204.54	47.125	91.251	70.603	26.282	0
"2015-01-31"	18:00:00"	5.3705	187.39	47.469	90.653	26.935	26.288	0
"2015-01-31"	19:00:00"	4.1017	189.3	47.48	90.796	1.2931	26.299	0
"2015-01-31"	20:00:00"	4.9045	196.76	47.479	90.74	0.07525	26.299	0
"2015-01-31"	21:00:00"	5.158	206.1	47.053	90.952	0.10429	26.311	0
"2015-01-31"	22:00:00"	5.2804	219.84	47.147	91.035	0.09348	26.305	0
"2015-01-31"	23:00:00"	4.339	227.65	46.262	91.687	0.08543	26.314	0
"2015-02-01"	00:00:00"	4.0563	235.7	44.682	92.44	0.08649	26.317	0
"2015-02-01"	01:00:00"	5.0729	224.96	45.36	92.904	0.08818	26.311	0
"2015-02-01"	02:00:00"	6.9246	229.94	46.02	92.885	0.10111	26.314	0
"2015-02-01"	03:00:00"	5.2444	237.97	45.28	92.876	0.09475	26.311	0
"2015-02-01"	04:00:00"	5.9565	256.01	43.582	92.965	0.09581	26.317	0
"2015-02-01"	05:00:00"	5.9869	307.3	41.301	93.083	0.10048	26.32	0
"2015-02-01"	06:00:00"	4.2527	254.32	39.186	93.364	0.09645	26.335	0
"2015-02-01"	07:00:00"	3.9917	270.47	37.403	93.531	0.08967	26.361	0
"2015-02-01"	08:00:00"	2.9733	245.41	35.976	93.76	3.8358	26.406	0
"2015-02-01"	09:00:00"	9.0422	4.9277	38.147	93.422	59.907	26.447	0
"2015-02-01"	10:00:00"	14.565	28.216	40.789	88.819	153.16	26.474	0
"2015-02-01"	11:00:00"	15.752	39.64	42.936	81.606	210.22	26.506	0
"2015-02-01"	12:00:00"	13.961	38.126	44.51	75.234	312.65	26.518	0
"2015-02-01"	13:00:00"	14.588	35.337	45.715	70.599	367.97	26.518	0
"2015-02-01"	14:00:00"	14.213	31.648	47.209	64.101	465.38	26.524	0
"2015-02-01"	15:00:00"	12.865	36.129	47.931	60.141	536.67	26.53	0
"2015-02-01"	16:00:00"	8.8974	47.706	49.131	55.914	478.95	26.536	0
"2015-02-01"	17:00:00"	7.9883	49.833	48.916	54.453	324.1	26.559	0
"2015-02-01"	18:00:00"	7.3048	62.267	47.536	57.314	126.25	26.568	0
"2015-02-01"	19:00:00"	5.0878	70.338	44.503	64.138	8.6628	26.592	0
"2015-02-01"	20:00:00"	6.3212	57.957	41.233	70.875	0.09963	26.618	0
"2015-02-01"	21:00:00"	6.3137	62.657	39.458	75.072	0.08734	26.627	0
"2015-02-01"	22:00:00"	6.7897	70.941	38.513	76.868	0.07652	26.645	0
"2015-02-01"	23:00:00"	8.7054	78.652	38.844	74.235	0.11277	26.648	0
"2015-02-02"	00:00:00"	10.651	83.854	37.911	66.832	0.08967	26.677	0
"2015-02-02"	01:00:00"	9.0354	93.548	36.449	67.006	0.09094	26.686	0
"2015-02-02"	02:00:00"	9.7586	97.407	34.868	64.48	0.09963	26.689	0
"2015-02-02"	03:00:00"	7.5323	102.82	33.951	65.023	0.09709	26.677	0
"2015-02-02"	04:00:00"	6.1323	120.53	33.277	68.021	0.08797	26.672	0
"2015-02-02"	05:00:00"	4.9393	130.73	32.024	69.09	0.09179	26.663	0
"2015-02-02"	06:00:00"	4.2688	173.32	30.736	72.436	0.12719	26.663	0
"2015-02-02"	07:00:00"	3.8904	185.37	29.924	76.004	0.08649	26.66	0
"2015-02-02"	08:00:00"	4.5161	192.16	30.824	75.308	2.2485	26.666	0
"2015-02-02"	09:00:00"	10.487	197.59	32.264	67.353	68.575	26.669	0
"2015-02-02"	10:00:00"	12.298	192.36	33.876	60.036	279.62	26.663	0
"2015-02-02"	11:00:00"	13.697	189.87	36.488	48.884	482.03	26.651	0
"2015-02-02"	12:00:00"	15.033	188.18	39.444	44.393	621.37	26.627	0
"2015-02-02"	13:00:00"	16.565	187.47	42.043	45.269	701.68	26.604	0
"2015-02-02"	14:00:00"	14.016	188.94	44.844	44.237	708.18	26.547	0

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"2015-02-02	15:00:00"	12.435	201.77	47.593	44.341	650.6	26.5	0
"2015-02-02	16:00:00"	12.442	206.63	49.566	47.624	528.34	26.5	0
"2015-02-02	17:00:00"	16.185	194.13	50.704	50.701	350.41	26.497	0
"2015-02-02	18:00:00"	12.916	194.21	51.064	51.48	149.92	26.503	0
"2015-02-02	19:00:00"	10.244	191.79	48.954	53.685	10.473	26.509	0
"2015-02-02	20:00:00"	6.4138	186.66	44.732	57.681	0.09391	26.512	0
"2015-02-02	21:00:00"	4.2744	186.34	42.698	62.001	0.08352	26.524	0
"2015-02-02	22:00:00"	3.9637	188.7	41.636	64.008	0.07038	26.512	0
"2015-02-02	23:00:00"	4.6186	184.2	40.058	66.686	0.09836	26.512	0
"2015-02-03	00:00:00"	2.9292	46.639	38.173	71.488	0.11044	26.521	0
"2015-02-03	01:00:00"	3.2038	22.349	35.967	78.589	0.10302	26.509	0
"2015-02-03	02:00:00"	4.0147	2.0353	34.283	81.496	0.10196	26.491	0
"2015-02-03	03:00:00"	3.31	56.6	34.378	81.153	0.09793	26.494	0
"2015-02-03	04:00:00"	2.7794	68.567	34.18	80.743	0.11616	26.483	0
"2015-02-03	05:00:00"	3.0621	209.18	33.83	82.192	0.09772	26.494	0
"2015-02-03	06:00:00"	3.6394	284.67	32.356	84.963	0.11426	26.506	0
"2015-02-03	07:00:00"	3.0547	291.19	30.877	87.838	0.0956	26.512	0
"2015-02-03	08:00:00"	3.3896	282.73	32.403	85.136	1.7948	26.527	0
"2015-02-03	09:00:00"	2.9826	274.42	33.054	83.541	49.012	26.542	0
"2015-02-03	10:00:00"	5.3388	225.88	38.787	70.651	280.23	26.545	0
"2015-02-03	11:00:00"	4.8858	256.19	44.888	61.946	479.22	26.536	0
"2015-02-03	12:00:00"	4.0103	233.74	52.72	51.384	597.12	26.524	0
"2015-02-03	13:00:00"	5.2692	191.3	59.166	39.987	718.72	26.494	0
"2015-02-03	14:00:00"	7.3129	190.09	60.704	35.636	719.96	26.459	0
"2015-02-03	15:00:00"	12.562	185.96	59.465	39.361	655.87	26.438	0
"2015-02-03	16:00:00"	11.391	188.61	59.815	37.483	531.58	26.444	0
"2015-02-03	17:00:00"	12.146	188.06	59.946	39.235	363.57	26.429	0
"2015-02-03	18:00:00"	12.28	189.3	58.187	45.822	163.75	26.426	0
"2015-02-03	19:00:00"	9.2827	192.79	54.96	53.593	11.894	26.435	0
"2015-02-03	20:00:00"	8.0175	188.56	50.483	64.975	0.08734	26.441	0
"2015-02-03	21:00:00"	8.7023	188.28	47.182	70.361	0.11934	26.453	0
"2015-02-03	22:00:00"	8.3599	196.95	44.5	75.47	0.10493	26.45	0
"2015-02-03	23:00:00"	7.4645	197.2	42.057	83.24	0.0956	26.444	0
"2015-02-04	00:00:00"	6.1323	223.98	40.614	87.181	0.08543	26.435	0
"2015-02-04	01:00:00"	5.2717	233.35	39.48	89.574	0.10133	26.423	0
"2015-02-04	02:00:00"	3.9258	233.08	38.092	92.04	0.09052	26.415	0
"2015-02-04	03:00:00"	6.512	237.12	37.409	92.521	0.09899	26.412	0
"2015-02-04	04:00:00"	5.4246	262.78	35.512	92.918	0.10514	26.403	0
"2015-02-04	05:00:00"	4.3769	254.03	34.299	93.362	0.1257	26.388	0
"2015-02-04	06:00:00"	4.2409	255.84	35.73	93.613	0.09518	26.382	0
"2015-02-04	07:00:00"	3.973	253.07	36.432	93.471	0.09984	26.388	0
"2015-02-04	08:00:00"	3.9482	231.14	35.269	93.427	7.0441	26.394	0
"2015-02-04	09:00:00"	3.9873	223.6	36.353	92.739	113.49	26.418	0.01
"2015-02-04	10:00:00"	3.7804	220.03	42.62	85.039	281.43	26.426	0
"2015-02-04	11:00:00"	5.5961	222.77	51.061	68.947	468.19	26.426	0
"2015-02-04	12:00:00"	10.486	269.28	63.659	40.063	627.73	26.426	0
"2015-02-04	13:00:00"	15.54	303.69	68.226	28.935	715.56	26.423	0

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"2015-02-04	14:00:00"	15.836	306.77	70.028	26.579	713.52	26.403	0
"2015-02-04	15:00:00"	14.891	317.36	70.954	24.523	656.34	26.4	0
"2015-02-04	16:00:00"	12.875	320.87	71.708	24.056	540.27	26.409	0
"2015-02-04	17:00:00"	15.56	354.8	68.672	25.475	350.57	26.453	0
"2015-02-04	18:00:00"	23.678	27.548	49.839	46.881	138.68	26.5	0
"2015-02-04	19:00:00"	24.252	28.328	39.106	62.227	10.563	26.55	0
"2015-02-04	20:00:00"	24.29	28.785	33.55	74.263	0.08967	26.592	0
"2015-02-04	21:00:00"	18.949	30.126	32.66	79.43	0.08161	26.639	0
"2015-02-04	22:00:00"	17.529	26.595	31.049	84.11	0.09052	26.704	0
"2015-02-04	23:00:00"	17.106	10.595	30.138	85.704	0.08479	26.731	0
"2015-02-05	00:00:00"	15.362	2.9554	29.722	86.642	0.1062	26.745	0
"2015-02-05	01:00:00"	12.049	359.22	29.071	88.617	0.09369	26.757	0
"2015-02-05	02:00:00"	11.254	355.29	28.812	88.975	0.08903	26.748	0
"2015-02-05	03:00:00"	11.723	354.97	28.873	88.08	0.07907	26.739	0
"2015-02-05	04:00:00"	11.743	352.49	28.761	88.757	0.10917	26.725	0
"2015-02-05	05:00:00"	9.0652	1.2948	28.773	90.017	0.09921	26.725	0
"2015-02-05	06:00:00"	6.9407	1.1909	28.798	89.794	0.1115	26.725	0
"2015-02-05	07:00:00"	5.3469	13.312	28.869	90.507	0.1009	26.742	0
"2015-02-05	08:00:00"	3.5598	329.31	29.385	88.751	1.8457	26.745	0
"2015-02-05	09:00:00"	3.3448	320.61	30.214	85.224	23.272	26.754	0
"2015-02-05	10:00:00"	4.3415	279.22	31.091	81.633	91.319	26.754	0
"2015-02-05	11:00:00"	4.82	291.32	32.295	77.229	225.72	26.757	0
"2015-02-05	12:00:00"	3.54	259.53	34.931	71.238	478.6	26.736	0
"2015-02-05	13:00:00"	4.6379	221.39	38.724	63.025	729.88	26.713	0
"2015-02-05	14:00:00"	4.8591	207.04	41.979	56.584	735.53	26.674	0
"2015-02-05	15:00:00"	6.6269	205.36	44.725	52.448	677.11	26.645	0
"2015-02-05	16:00:00"	7.7516	207.6	47.772	47.279	553.87	26.633	0
"2015-02-05	17:00:00"	7.8572	191.32	48.884	44.876	378.88	26.633	0
"2015-02-05	18:00:00"	8.1064	184.86	48.128	47.883	174.65	26.639	0
"2015-02-05	19:00:00"	5.7949	180.91	44.393	56.851	14.536	26.645	0
"2015-02-05	20:00:00"	3.7021	190.25	40.48	65.541	0.10387	26.66	0
"2015-02-05	21:00:00"	3.9128	194.13	38.728	71.402	0.09899	26.669	0
"2015-02-05	22:00:00"	5.8477	212.32	38.747	72.345	0.11426	26.674	0
"2015-02-05	23:00:00"	5.5252	216.05	36.264	77.959	0.09115	26.686	0
"2015-02-06	00:00:00"	6.589	223.03	33.83	83.379	0.08543	26.683	0
"2015-02-06	01:00:00"	6.9841	241.21	31.985	87.606	0.12366	26.663	0
"2015-02-06	02:00:00"	4.8411	248.59	31.394	90.229	0.09751	26.666	0
"2015-02-06	03:00:00"	5.9428	234.39	31.766	89.238	0.09645	26.654	0
"2015-02-06	04:00:00"	4.1781	253.14	30.291	91.045	0.09984	26.648	0
"2015-02-06	05:00:00"	4.0315	258.16	31.036	91.502	0.10535	26.645	0
"2015-02-06	06:00:00"	4.7839	274.57	31.401	90.157	0.09899	26.639	0
"2015-02-06	07:00:00"	4.408	271.28	31.662	89.306	0.09963	26.633	0
"2015-02-06	08:00:00"	4.8809	275.88	32.052	86.674	5.104	26.645	0
"2015-02-06	09:00:00"	4.3191	280.27	33.72	86.71	107.76	26.657	0
"2015-02-06	10:00:00"	4.902	242.78	40.935	78.806	294.19	26.66	0
"2015-02-06	11:00:00"	6.2852	227.43	46.811	66.577	506.98	26.66	0
"2015-02-06	12:00:00"	6.1	218.84	54.499	51.331	652.9	26.654	0

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"2015-02-06	13:00:00"	7.1029	213.53	60.007	41.82	734.28	26.63	0
"2015-02-06	14:00:00"	7.4285	216.37	65.609	32.516	743.68	26.601	0
"2015-02-06	15:00:00"	7.764	209.75	69.259	27.331	685.85	26.58	0
"2015-02-06	16:00:00"	9.6406	197.99	69.843	26.57	562.26	26.559	0
"2015-02-06	17:00:00"	11.345	195.13	69.446	24.667	386.16	26.542	0
"2015-02-06	18:00:00"	9.9556	195.11	68.656	21.896	184.15	26.536	0
"2015-02-06	19:00:00"	6.576	191.19	64.249	27.198	15.83	26.533	0
"2015-02-06	20:00:00"	6.3927	199.96	60.295	38.523	0.08734	26.547	0
"2015-02-06	21:00:00"	4.9039	201.14	57.444	44.333	0.07144	26.55	0
"2015-02-06	22:00:00"	4.8492	209.99	54.379	50.177	0.08924	26.542	0
"2015-02-06	23:00:00"	4.9082	206.15	51.189	58.931	0.08479	26.533	0
"2015-02-07	00:00:00"	6.7456	223.97	48.927	68.445	0.085	26.521	0
"2015-02-07	01:00:00"	5.6831	222.12	47.004	73.766	0.08288	26.515	0
"2015-02-07	02:00:00"	4.8871	227.77	44.863	81.285	0.10048	26.503	0
"2015-02-07	03:00:00"	4.7591	223.18	45.484	79.401	0.08246	26.488	0
"2015-02-07	04:00:00"	3.7537	246.98	45.393	73.69	0.06868	26.477	0
"2015-02-07	05:00:00"	3.6624	258.63	44.81	67.946	0.09666	26.465	0
"2015-02-07	06:00:00"	4.1744	276.01	43.85	64.994	0.11956	26.456	0
"2015-02-07	07:00:00"	4.3223	273.75	43.813	59.345	0.085	26.456	0
"2015-02-07	08:00:00"	4.6572	247.06	44.698	58.638	8.0419	26.462	0
"2015-02-07	09:00:00"	4.3707	243.59	47.763	53.536	121.7	26.474	0
"2015-02-07	10:00:00"	4.3906	228.67	52.953	50.426	317.13	26.477	0
"2015-02-07	11:00:00"	8.3164	269.06	64.479	32.135	511.19	26.474	0
"2015-02-07	12:00:00"	10.377	291.39	72.852	19.915	659.04	26.459	0
"2015-02-07	13:00:00"	9.9003	281.13	75.175	17.267	739.9	26.429	0
"2015-02-07	14:00:00"	10.614	262.26	78.023	15.141	751.33	26.394	0
"2015-02-07	15:00:00"	11.612	266.24	79.779	12.739	691.92	26.367	0
"2015-02-07	16:00:00"	12.209	264.33	79.743	12.461	567	26.358	0
"2015-02-07	17:00:00"	11.834	270.3	79.116	12.438	388.57	26.347	0
"2015-02-07	18:00:00"	8.647	259.49	77.914	11.907	184.01	26.35	0
"2015-02-07	19:00:00"	1.879	222.46	69.618	15.944	16.643	26.35	0
"2015-02-07	20:00:00"	3.96	257.42	63.246	21.177	0.08903	26.358	0
"2015-02-07	21:00:00"	3.978	258.58	61.997	21.698	0.10175	26.364	0
"2015-02-07	22:00:00"	6.2746	291.24	60.844	22.103	0.08013	26.37	0
"2015-02-07	23:00:00"	6.0124	288.47	58.469	23.806	0.08288	26.373	0
"2015-02-08	00:00:00"	6.4952	288.17	55.286	27.908	0.07144	26.37	0
"2015-02-08	01:00:00"	5.3302	289.7	52.507	32.255	0.08773	26.361	0
"2015-02-08	02:00:00"	6.5635	307.31	52.011	34.059	0.07546	26.361	0
"2015-02-08	03:00:00"	9.5778	312.46	50.869	36.068	0.07207	26.361	0
"2015-02-08	04:00:00"	10.991	308.73	51.001	36.259	0.07864	26.364	0
"2015-02-08	05:00:00"	9.8009	305.1	49.204	39.319	0.09942	26.367	0
"2015-02-08	06:00:00"	10.24	306.8	50.553	35.17	0.10832	26.373	0
"2015-02-08	07:00:00"	10.753	313.34	50.463	34.56	0.08119	26.391	0
"2015-02-08	08:00:00"	14.42	318.39	57.78	25.324	8.5489	26.418	0
"2015-02-08	09:00:00"	17.392	327.45	59.891	23.637	123.71	26.444	0
"2015-02-08	10:00:00"	19.101	335.35	63.819	21.169	319.4	26.462	0
"2015-02-08	11:00:00"	18.638	353.78	68.433	17.331	509.45	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-08	12:00:00"	16.829	15.433	70.41	15.744	650.64	26.512	0
"2015-02-08	13:00:00"	13.181	43.425	71.729	14.796	730.2	26.491	0
"2015-02-08	14:00:00"	12.293	59.879	72.675	14.67	740.57	26.48	0
"2015-02-08	15:00:00"	9.6679	66.482	74.399	13.32	679.09	26.462	0
"2015-02-08	16:00:00"	8.8918	86.164	75.426	12.194	555.26	26.462	0
"2015-02-08	17:00:00"	7.2557	96.925	75.314	12	380.48	26.477	0
"2015-02-08	18:00:00"	4.8318	106.59	74.277	13.016	177.86	26.494	0
"2015-02-08	19:00:00"	3.1292	87.081	68.477	17.113	16.712	26.512	0
"2015-02-08	20:00:00"	1.3434	55.503	58.368	25.653	0.07144	26.521	0
"2015-02-08	21:00:00"	0.86806	92.14	57.327	25.839	0.07843	26.533	0
"2015-02-08	22:00:00"	1.7392	226.81	55.597	27.938	0.08967	26.542	0
"2015-02-08	23:00:00"	1.6535	351.77	52.402	34.676	0.09603	26.55	0
"2015-02-09	00:00:00"	1.8306	340.35	53.279	31.767	0.09539	26.556	0
"2015-02-09	01:00:00"	2.5321	316.38	50.968	35.499	0.0956	26.553	0
"2015-02-09	02:00:00"	3.9799	284.36	50.763	36.796	0.08543	26.559	0
"2015-02-09	03:00:00"	3.4101	278.07	52.002	34.154	0.08734	26.565	0
"2015-02-09	04:00:00"	3.251	291.69	49.311	38.685	0.08437	26.559	0
"2015-02-09	05:00:00"	1.9927	336.47	45.221	45.921	0.08543	26.562	0
"2015-02-09	06:00:00"	1.8032	359.7	40.394	58.842	0.07716	26.568	0
"2015-02-09	07:00:00"	2.995	335.31	38.965	62.125	0.09603	26.586	0
"2015-02-09	08:00:00"	3.0056	316.14	44.394	47.049	8.8945	26.609	0
"2015-02-09	09:00:00"	2.3867	305.41	47.415	46.933	125	26.621	0
"2015-02-09	10:00:00"	3.2429	190.97	59.627	30.638	323.49	26.636	0
"2015-02-09	11:00:00"	11.377	189.1	66.665	23.114	517.02	26.639	0
"2015-02-09	12:00:00"	15.023	186.55	69.705	18.738	662.8	26.621	0
"2015-02-09	13:00:00"	15.929	189.12	71.016	16.98	745.01	26.595	0
"2015-02-09	14:00:00"	15.826	183.48	72.343	15.06	757.85	26.556	0
"2015-02-09	15:00:00"	15.782	185.59	73.485	12.255	699.38	26.53	0
"2015-02-09	16:00:00"	16.499	182.5	73.985	11.407	574.75	26.503	0
"2015-02-09	17:00:00"	14.713	189.98	74.032	11.396	395.86	26.491	0
"2015-02-09	18:00:00"	12.263	184.85	72.802	13.585	189.37	26.483	0
"2015-02-09	19:00:00"	5.8055	178.43	67.374	19.824	19.362	26.48	0
"2015-02-09	20:00:00"	4.3322	163.63	61.772	25.008	0.06593	26.477	0
"2015-02-09	21:00:00"	8.1375	156.27	61.354	24.249	0.07695	26.471	0
"2015-02-09	22:00:00"	5.3655	161.26	57.874	27.828	0.08924	26.477	0
"2015-02-09	23:00:00"	4.9399	178.48	55.485	30.297	0.07462	26.477	0
"2015-02-10	00:00:00"	7.7982	186.78	56.55	32.881	0.09666	26.465	0
"2015-02-10	01:00:00"	7.4888	197	55.718	35.172	0.08352	26.453	0
"2015-02-10	02:00:00"	6.2541	199.56	53.945	39.096	0.09815	26.444	0
"2015-02-10	03:00:00"	4.6708	237.26	51.097	43.276	0.1026	26.429	0
"2015-02-10	04:00:00"	5.7589	228.12	50.559	44.974	0.06444	26.418	0
"2015-02-10	05:00:00"	5.5662	225.37	50.534	45.196	0.08458	26.412	0
"2015-02-10	06:00:00"	3.4169	251.5	47.569	51.121	0.10069	26.418	0
"2015-02-10	07:00:00"	3.1578	254.94	47.516	51.319	0.08267	26.423	0
"2015-02-10	08:00:00"	3.6468	252.61	47.132	52.215	9.6008	26.426	0
"2015-02-10	09:00:00"	3.3225	237.61	50.154	48.442	128.14	26.432	0
"2015-02-10	10:00:00"	5.9335	224.7	54.403	43.165	327.67	26.441	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-10	11:00:00"	4.221	234.99	62.361	33.065	520.27	26.447	0
"2015-02-10	12:00:00"	4.3384	218.57	69.044	25.972	665.98	26.432	0
"2015-02-10	13:00:00"	4.5453	217.47	73.819	20.7	749.19	26.403	0
"2015-02-10	14:00:00"	6.0522	231.01	77.385	15.563	761.45	26.367	0
"2015-02-10	15:00:00"	5.7433	228.03	78.696	13.168	701.5	26.344	0
"2015-02-10	16:00:00"	5.8912	194.91	78.36	12.946	575.37	26.323	0
"2015-02-10	17:00:00"	5.8154	203.64	78.429	13.003	395.73	26.314	0
"2015-02-10	18:00:00"	5.7017	176.28	76.367	14.754	190.59	26.317	0
"2015-02-10	19:00:00"	2.7695	178.12	69.522	20.502	20.802	26.323	0
"2015-02-10	20:00:00"	2.2612	171.6	64.33	23.962	0.07716	26.332	0
"2015-02-10	21:00:00"	3.0596	172.63	62.72	24.953	0.06084	26.332	0
"2015-02-10	22:00:00"	3.0832	175.49	60.942	26.2	0.09158	26.338	0
"2015-02-10	23:00:00"	5.2369	183.8	58.923	32.177	0.08882	26.338	0
"2015-02-11	00:00:00"	4.6112	207.03	57.563	37.897	0.08098	26.341	0
"2015-02-11	01:00:00"	5.7036	191.66	57.573	39.535	0.10217	26.341	0
"2015-02-11	02:00:00"	5.363	205.97	56.058	42.501	0.09687	26.338	0
"2015-02-11	03:00:00"	4.0203	230.95	54.584	45.352	0.11277	26.335	0
"2015-02-11	04:00:00"	5.6184	208.82	54.726	46.266	0.06614	26.326	0
"2015-02-11	05:00:00"	5.2817	193.98	52.529	51.167	0.09836	26.323	0
"2015-02-11	06:00:00"	5.7191	177.57	51.067	55.063	0.08437	26.37	0
"2015-02-11	07:00:00"	8.9788	25.074	45.939	63.847	0.10154	26.394	0
"2015-02-11	08:00:00"	13.125	25.021	42.276	75.397	14.109	26.435	0
"2015-02-11	09:00:00"	14.595	37.966	43.268	76.269	110.26	26.444	0
"2015-02-11	10:00:00"	16.593	46.765	47.448	69.068	316.3	26.483	0
"2015-02-11	11:00:00"	18.122	47.064	50.725	61.809	505.27	26.512	0
"2015-02-11	12:00:00"	18.837	41.504	53.256	56.336	584.46	26.547	0
"2015-02-11	13:00:00"	18.841	37.481	53.124	55.805	339.28	26.556	0
"2015-02-11	14:00:00"	18.668	31.874	50.737	59.356	141.18	26.574	0
"2015-02-11	15:00:00"	20.354	25.192	48.025	63.6	87.419	26.595	0
"2015-02-11	16:00:00"	20.886	22.536	43.235	77.129	57.669	26.627	0
"2015-02-11	17:00:00"	17.996	31.293	41.257	85.478	59.468	26.642	0
"2015-02-11	18:00:00"	16.63	37.183	42.637	75.692	63.134	26.672	0
"2015-02-11	19:00:00"	17.052	36.311	43.675	65.779	4.5296	26.707	0
"2015-02-11	20:00:00"	18.682	32.417	42.334	67.862	0.09179	26.725	0
"2015-02-11	21:00:00"	16.407	32.767	41.152	72.627	0.09815	26.751	0
"2015-02-11	22:00:00"	13.529	26.588	40.41	75.416	0.09687	26.751	0
"2015-02-11	23:00:00"	14.394	26.655	40.648	66.333	0.07992	26.754	0
"2015-02-12	00:00:00"	11.727	31.147	40.448	59.814	0.08055	26.784	0
"2015-02-12	01:00:00"	12.394	26.811	40.137	57.913	0.08903	26.784	0
"2015-02-12	02:00:00"	13.757	21.199	39.173	60.78	0.09306	26.793	0
"2015-02-12	03:00:00"	12.979	28.581	39.182	56.552	0.08882	26.757	0
"2015-02-12	04:00:00"	10.423	37.438	39.099	55.522	0.11553	26.766	0
"2015-02-12	05:00:00"	9.9482	22.826	39.123	54.946	0.09009	26.787	0
"2015-02-12	06:00:00"	12.15	8.8299	39.052	56.9	0.07843	26.79	0
"2015-02-12	07:00:00"	10.771	4.4112	39.02	57.843	0.08818	26.81	0
"2015-02-12	08:00:00"	5.9372	354.5	37.324	62.359	4.4804	26.825	0
"2015-02-12	09:00:00"	7.5118	4.5201	36.903	64.177	123.79	26.819	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-12	10:00:00"	10.466	24.454	41.11	47.793	324.65	26.837	0
"2015-02-12	11:00:00"	9.3013	49.77	43.672	35.296	518.23	26.849	0
"2015-02-12	12:00:00"	7.3508	55.326	45.624	29.894	663.78	26.837	0
"2015-02-12	13:00:00"	5.8937	50.134	47.947	25.561	740.13	26.801	0
"2015-02-12	14:00:00"	5.2705	83.216	49.392	23.062	750.3	26.766	0
"2015-02-12	15:00:00"	4.203	73.766	51.657	21.953	702.48	26.739	0
"2015-02-12	16:00:00"	3.5959	173.88	52.851	22.498	478.2	26.71	0
"2015-02-12	17:00:00"	3.1752	191.91	52.96	22.605	169.34	26.704	0
"2015-02-12	18:00:00"	6.4157	185.86	52.006	23.374	78.198	26.686	0
"2015-02-12	19:00:00"	6.5051	189.01	50.486	25.445	15.54	26.689	0
"2015-02-12	20:00:00"	2.2581	193.1	45.766	32.189	0.08946	26.707	0
"2015-02-12	21:00:00"	4.7585	190.99	46.131	32.813	0.07822	26.707	0
"2015-02-12	22:00:00"	5.8036	185.53	43.719	38.152	0.10069	26.698	0
"2015-02-12	23:00:00"	3.7146	189.53	41.87	41.847	0.09073	26.698	0
"2015-02-13	00:00:00"	3.476	228.4	41.256	43.235	0.07207	26.713	0
"2015-02-13	01:00:00"	3.1441	212.29	41.821	44.024	0.09921	26.707	0
"2015-02-13	02:00:00"	4.3341	198.3	41.172	48.526	0.09899	26.698	0
"2015-02-13	03:00:00"	4.6404	237.47	39.204	56.045	0.10154	26.689	0
"2015-02-13	04:00:00"	3.3908	247.13	36.803	60.766	0.09984	26.674	0
"2015-02-13	05:00:00"	3.5002	252.41	36.373	62.939	0.11701	26.663	0
"2015-02-13	06:00:00"	3.5468	243.84	36.287	65.244	0.08225	26.654	0
"2015-02-13	07:00:00"	4.2496	242.61	36.94	65.164	0.08076	26.654	0
"2015-02-13	08:00:00"	2.3985	288.42	34.998	72.044	9.8621	26.663	0
"2015-02-13	09:00:00"	3.0236	274.96	39.312	65.01	128.17	26.674	0
"2015-02-13	10:00:00"	6.4467	227.34	45.619	56.7	324.16	26.689	0
"2015-02-13	11:00:00"	8.3574	227.53	52.183	53.593	517.59	26.701	0
"2015-02-13	12:00:00"	8.77	254.78	58.578	46.264	660.91	26.698	0
"2015-02-13	13:00:00"	7.5584	267.44	61.661	40.563	745.37	26.669	0
"2015-02-13	14:00:00"	4.9144	276.42	64.325	35.71	759.18	26.636	0
"2015-02-13	15:00:00"	4.0464	317.23	65.757	31.747	701.59	26.612	0
"2015-02-13	16:00:00"	3.5151	279.91	67.268	29.027	581.63	26.595	0
"2015-02-13	17:00:00"	4.1209	324.03	67.553	27.898	405.98	26.607	0
"2015-02-13	18:00:00"	3.0826	41.291	67.01	28.662	198.55	26.612	0
"2015-02-13	19:00:00"	1.6566	40.162	62.716	33.665	23.932	26.618	0
"2015-02-13	20:00:00"	0.91466	114.92	56.026	42.875	0.07207	26.639	0
"2015-02-13	21:00:00"	2.4445	62.295	51.434	50.749	0.08818	26.654	0
"2015-02-13	22:00:00"	2.7769	120.7	52.244	52.103	0.06635	26.66	0
"2015-02-13	23:00:00"	1.3341	132.39	50.32	56.84	0.08818	26.666	0
"2015-02-14	00:00:00"	0.89229	81.791	48.59	61.356	0.10239	26.669	0
"2015-02-14	01:00:00"	0.95318	220.32	48.77	64.364	0.09285	26.666	0
"2015-02-14	02:00:00"	1.001	189.12	49.02	64.734	0.09285	26.669	0
"2015-02-14	03:00:00"	3.1876	190.89	50.214	63.256	0.10726	26.672	0
"2015-02-14	04:00:00"	3.3163	236.72	49.781	63.759	0.0744	26.672	0
"2015-02-14	05:00:00"	1.7467	303.44	45.39	72.206	0.06889	26.66	0
"2015-02-14	06:00:00"	1.7237	300.03	44.091	76.241	0.08649	26.654	0
"2015-02-14	07:00:00"	2.685	317.41	41.928	81.064	0.11553	26.648	0
"2015-02-14	08:00:00"	2.2643	307.01	41.75	84.122	12.69	26.66	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-14	09:00:00"	2.6408	278.35	47.98	76.429	135.87	26.677	0
"2015-02-14	10:00:00"	3.4188	284.76	56.853	58.061	336.67	26.68	0
"2015-02-14	11:00:00"	4.1576	217.61	62.057	46.738	529.73	26.674	0
"2015-02-14	12:00:00"	6.699	186.89	64.257	41.341	674.55	26.663	0
"2015-02-14	13:00:00"	8.2282	187.15	65.566	39.013	758.31	26.633	0
"2015-02-14	14:00:00"	7.0948	187.34	66.859	37.364	749.42	26.595	0
"2015-02-14	15:00:00"	8.4494	198.24	67.998	34.108	673.09	26.568	0
"2015-02-14	16:00:00"	10.292	186.68	68.346	35.017	615.74	26.547	0
"2015-02-14	17:00:00"	10.101	189.6	68.113	34.519	383.32	26.545	0
"2015-02-14	18:00:00"	11.714	190.34	67.402	35.984	199.1	26.542	0
"2015-02-14	19:00:00"	8.3717	184.33	63.773	42.701	9.2953	26.547	0
"2015-02-14	20:00:00"	4.4521	177.51	58.024	53.164	0.07949	26.55	0
"2015-02-14	21:00:00"	4.3831	167.08	56.517	58.039	0.08543	26.547	0
"2015-02-14	22:00:00"	3.74	171.14	54.797	61.834	0.08691	26.542	0
"2015-02-14	23:00:00"	5.0107	176.38	53.961	62.853	0.11468	26.53	0
"2015-02-15	00:00:00"	5.2332	177.87	52.927	65.925	0.11659	26.509	0
"2015-02-15	01:00:00"	5.1232	182.08	52.189	70.017	0.09751	26.494	0
"2015-02-15	02:00:00"	5.483	183.9	51.017	74.318	0.07292	26.477	0
"2015-02-15	03:00:00"	8.7974	189.88	50.907	78.127	0.09073	26.462	0
"2015-02-15	04:00:00"	7.0283	190.17	49.922	81.79	0.09433	26.447	0
"2015-02-15	05:00:00"	6.8152	195.63	49.047	85.037	0.08458	26.438	0
"2015-02-15	06:00:00"	6.7642	196.24	48.666	87.637	0.10323	26.423	0
"2015-02-15	07:00:00"	5.9328	200.19	48.359	89.018	0.07907	26.42	0
"2015-02-15	08:00:00"	5.9869	219.08	48.818	88.47	4.5362	26.423	0
"2015-02-15	09:00:00"	3.8736	237.28	49.004	88.982	97.681	26.426	0
"2015-02-15	10:00:00"	7.1775	214.64	54.813	76.989	346.16	26.42	0
"2015-02-15	11:00:00"	9.6903	220.81	61.237	61.018	524.89	26.412	0
"2015-02-15	12:00:00"	11.916	224.48	66.12	50.386	663.15	26.382	0
"2015-02-15	13:00:00"	13.134	216.11	68.926	45.026	730.34	26.347	0
"2015-02-15	14:00:00"	12.289	218.61	71.237	40.594	756.93	26.305	0
"2015-02-15	15:00:00"	10.314	223.28	73.558	35.726	704.45	26.273	0
"2015-02-15	16:00:00"	10.111	226.16	75.094	32.63	565.74	26.261	0
"2015-02-15	17:00:00"	9.3734	225.3	75.283	31.246	359.35	26.252	0
"2015-02-15	18:00:00"	7.7615	253	75.131	27.822	198.09	26.249	0
"2015-02-15	19:00:00"	3.502	226.17	71.318	31.854	29.408	26.255	0
"2015-02-15	20:00:00"	3.1957	187.04	68.054	36.08	0.06911	26.267	0
"2015-02-15	21:00:00"	6.7431	236.87	64.167	39.466	0.09433	26.296	0
"2015-02-15	22:00:00"	18.57	32.841	45.038	58.01	0.0814	26.332	0
"2015-02-15	23:00:00"	18.364	34.794	39.921	57.289	0.09857	26.367	0
"2015-02-16	00:00:00"	17.894	23.579	37.283	51.62	0.10345	26.397	0
"2015-02-16	01:00:00"	20.369	13.308	33.272	56.05	0.10718	26.423	0
"2015-02-16	02:00:00"	18.671	17.177	32.565	57.523	0.09073	26.432	0
"2015-02-16	03:00:00"	17.848	7.2996	32.414	55.666	0.09348	26.471	0
"2015-02-16	04:00:00"	17.735	357.42	31.927	58.483	0.09497	26.477	0
"2015-02-16	05:00:00"	15.792	355.46	31.032	61.023	0.10281	26.477	0
"2015-02-16	06:00:00"	13.914	355.51	30.613	62.491	0.09518	26.488	0
"2015-02-16	07:00:00"	11.736	349.4	30.69	63.109	0.09603	26.506	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-16	08:00:00"	10.195	342.89	30.154	64.654	6.0755	26.521	0
"2015-02-16	09:00:00"	8.2698	339.35	31.033	63.846	141.63	26.536	0
"2015-02-16	10:00:00"	14.211	352.06	33.651	57.835	303.2	26.559	0
"2015-02-16	11:00:00"	13.286	359.05	34.658	57.964	397.27	26.565	0
"2015-02-16	12:00:00"	10.755	11.603	37.73	53.709	591.51	26.553	0
"2015-02-16	13:00:00"	9.9208	23.556	41.031	48.528	711.96	26.521	0
"2015-02-16	14:00:00"	9.6499	36.981	43.415	44.121	779.85	26.474	0
"2015-02-16	15:00:00"	8.6476	52.693	45.044	41.546	709.22	26.447	0
"2015-02-16	16:00:00"	6.4691	59.658	46.33	39.409	607.97	26.441	0
"2015-02-16	17:00:00"	6.2417	58.886	47.141	38.51	422.62	26.441	0
"2015-02-16	18:00:00"	7.0998	94.233	46.941	39.645	210.32	26.444	0
"2015-02-16	19:00:00"	7.5298	100.97	44.704	43.821	29.491	26.444	0
"2015-02-16	20:00:00"	9.0503	113.99	42.18	48.833	0.08522	26.438	0
"2015-02-16	21:00:00"	12.193	115.8	40.346	52.519	0.08182	26.453	0
"2015-02-16	22:00:00"	9.1547	100.9	39.4	54.533	0.10154	26.509	0
"2015-02-16	23:00:00"	9.694	100.7	38.301	63.51	0.10493	26.497	0
"2015-02-17	00:00:00"	13.141	108.44	36.626	69.006	0.10302	26.521	0
"2015-02-17	01:00:00"	9.2864	95.183	34.132	79.698	0.09687	26.553	0
"2015-02-17	02:00:00"	10.579	94.35	31.481	91.597	0.0903	26.553	0
"2015-02-17	03:00:00"	8.949	90.041	31.466	91.159	0.12062	26.568	0
"2015-02-17	04:00:00"	7.9187	84.859	31.559	89.971	0.08861	26.577	0
"2015-02-17	05:00:00"	6.4741	78.495	31.397	89.665	0.08924	26.574	0
"2015-02-17	06:00:00"	5.7949	86.186	31.564	89.349	0.10323	26.58	0
"2015-02-17	07:00:00"	4.9741	87.571	31.635	88.688	0.0797	26.598	0
"2015-02-17	08:00:00"	3.8948	126.31	31.911	87.787	4.4268	26.612	0
"2015-02-17	09:00:00"	3.1162	201.89	32.113	85.978	45.8	26.63	0
"2015-02-17	10:00:00"	3.5729	237.97	32.891	83.222	122.9	26.639	0.01
"2015-02-17	11:00:00"	4.8914	242.62	34.11	81.247	240.64	26.639	0.03
"2015-02-17	12:00:00"	7.3639	217.4	36.691	74.342	333.99	26.642	0.01
"2015-02-17	13:00:00"	10.036	263.63	38.19	71.337	304.63	26.624	0
"2015-02-17	14:00:00"	6.407	267.16	39.789	66.981	379.13	26.598	0
"2015-02-17	15:00:00"	6.4436	280.15	41.392	62.057	353.61	26.58	0
"2015-02-17	16:00:00"	6.3293	297.14	43.271	54.561	453.54	26.577	0
"2015-02-17	17:00:00"	7.0265	329.88	44.519	51.594	389.06	26.574	0
"2015-02-17	18:00:00"	4.0228	9.326	44.812	50.451	215.07	26.574	0
"2015-02-17	19:00:00"	2.3768	151.75	43.442	54.035	29.692	26.583	0
"2015-02-17	20:00:00"	2.2643	186.19	40.276	63.845	0.08924	26.586	0
"2015-02-17	21:00:00"	3.1684	201.31	38.435	67.321	0.08479	26.604	0
"2015-02-17	22:00:00"	4.7622	204.16	36.533	71.732	0.10451	26.607	0
"2015-02-17	23:00:00"	4.9032	214.97	34.97	76.073	0.09412	26.618	0
"2015-02-18	00:00:00"	5.9328	222.01	34.477	77.381	0.08267	26.615	0
"2015-02-18	01:00:00"	5.0892	226.32	33.097	81.957	0.11753	26.598	0
"2015-02-18	02:00:00"	4.7591	225.42	32.733	83.915	0.07992	26.58	0
"2015-02-18	03:00:00"	6.4548	237.62	32.816	83.45	0.1115	26.571	0
"2015-02-18	04:00:00"	5.8378	245.97	31.475	85.784	0.0725	26.565	0
"2015-02-18	05:00:00"	4.6758	233.32	31.448	86.565	0.10535	26.559	0
"2015-02-18	06:00:00"	6.0379	236.93	31.973	84.461	0.09984	26.556	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-18	07:00:00"	5.1611	241.41	31.616	84.85	0.08564	26.565	0
"2015-02-18	08:00:00"	4.403	226.22	30.743	86.296	18.076	26.577	0
"2015-02-18	09:00:00"	5.1853	213.62	33.553	80.965	154.97	26.583	0
"2015-02-18	10:00:00"	7.5608	198.45	37.129	77.352	367.69	26.583	0
"2015-02-18	11:00:00"	7.1004	218.02	43.36	61.654	565.71	26.586	0
"2015-02-18	12:00:00"	8.519	229.23	50.822	47.291	712.58	26.58	0
"2015-02-18	13:00:00"	7.3819	237.06	58.706	33.075	790.27	26.565	0
"2015-02-18	14:00:00"	8.3264	279.3	63.289	21.354	798.39	26.542	0
"2015-02-18	15:00:00"	9.4156	311.03	65.683	13.691	739.54	26.533	0
"2015-02-18	16:00:00"	8.7216	316.19	66.165	14.105	610.7	26.533	0
"2015-02-18	17:00:00"	8.3624	338.23	65.913	14.516	428.01	26.533	0
"2015-02-18	18:00:00"	8.1114	11.607	64.249	15.259	217.37	26.547	0
"2015-02-18	19:00:00"	4.5745	38.497	58.418	19.954	32.072	26.562	0
"2015-02-18	20:00:00"	4.9921	70.699	53.529	25.89	0.09306	26.586	0
"2015-02-18	21:00:00"	4.8709	86.913	49.28	39.75	0.08691	26.609	0
"2015-02-18	22:00:00"	5.1505	87.538	46.963	46.369	0.09899	26.624	0
"2015-02-18	23:00:00"	4.4919	76.747	44.264	51.794	0.0814	26.63	0
"2015-02-19	00:00:00"	4.1383	75.145	42.158	56.69	0.07695	26.642	0
"2015-02-19	01:00:00"	3.2181	67.29	41.802	57.338	0.08946	26.642	0
"2015-02-19	02:00:00"	2.5731	73.31	40.105	60.544	0.08776	26.63	0
"2015-02-19	03:00:00"	2.2587	299.23	37.773	66.023	0.09942	26.612	0
"2015-02-19	04:00:00"	3.4436	346.28	35.597	72.041	0.09815	26.604	0
"2015-02-19	05:00:00"	2.2301	297.68	36.408	71.654	0.08055	26.58	0
"2015-02-19	06:00:00"	2.8533	302.3	35.921	73.171	0.1132	26.571	0
"2015-02-19	07:00:00"	3.0888	92.145	36.444	72.081	0.07843	26.568	0
"2015-02-19	08:00:00"	4.4093	191.45	38.725	65.905	15.378	26.58	0
"2015-02-19	09:00:00"	6.8475	174.18	41.265	60.421	156.23	26.58	0
"2015-02-19	10:00:00"	12.867	179.4	46.487	51.49	366.26	26.568	0
"2015-02-19	11:00:00"	11.114	189.61	51.414	44.801	559.34	26.568	0
"2015-02-19	12:00:00"	10.693	190.07	55.82	39.877	708.46	26.547	0
"2015-02-19	13:00:00"	11.26	189.75	60.877	34.274	793.32	26.509	0
"2015-02-19	14:00:00"	9.9382	208.93	65.317	29.031	729.32	26.471	0
"2015-02-19	15:00:00"	9.9015	214.58	67.143	25.757	610.49	26.432	0
"2015-02-19	16:00:00"	9.2118	221.63	69.554	23.729	628.92	26.406	0
"2015-02-19	17:00:00"	10.7	200.42	69.977	25.002	443.71	26.385	0
"2015-02-19	18:00:00"	8.7893	196.9	69.709	25.132	149.65	26.37	0
"2015-02-19	19:00:00"	5.0803	180.71	64.473	30.96	16.025	26.367	0
"2015-02-19	20:00:00"	1.6852	183.86	58.137	39.139	0.07017	26.37	0
"2015-02-19	21:00:00"	6.7549	178.13	57.106	42.331	0.0884	26.373	0
"2015-02-19	22:00:00"	8.2872	196.88	54.898	49.268	0.07674	26.37	0
"2015-02-19	23:00:00"	6.5946	202.02	52.385	54.974	0.09793	26.361	0
"2015-02-20	00:00:00"	4.2005	213.67	49.736	60.6	0.09348	26.347	0
"2015-02-20	01:00:00"	5.0996	222.66	48.536	64.118	0.10451	26.335	0
"2015-02-20	02:00:00"	5.6675	225.06	48.067	66.683	0.08967	26.326	0
"2015-02-20	03:00:00"	6.4442	224.87	46.795	70.097	0.10345	26.311	0
"2015-02-20	04:00:00"	6.1491	228.04	45.804	72.907	0.08161	26.294	0
"2015-02-20	05:00:00"	6.3026	223.23	44.133	77.23	0.11616	26.296	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-20	06:00:00"	3.5139	246.97	41.822	82.539	0.07483	26.294	0
"2015-02-20	07:00:00"	2.2674	248.24	41.676	83.701	0.08055	26.291	0
"2015-02-20	08:00:00"	4.0196	238.94	43.276	80.923	18.941	26.291	0
"2015-02-20	09:00:00"	4.4012	235.22	45.587	76.796	163.48	26.317	0
"2015-02-20	10:00:00"	6.1248	219.5	52.277	52.766	375.72	26.323	0
"2015-02-20	11:00:00"	5.5163	229.66	62.718	32.209	519.73	26.299	0
"2015-02-20	12:00:00"	8.1897	267.94	72.63	16.289	666.98	26.296	0
"2015-02-20	13:00:00"	10.561	265.49	74.647	14	608.8	26.267	0
"2015-02-20	14:00:00"	11.128	262.11	75.883	12.436	715.95	26.234	0
"2015-02-20	15:00:00"	10.902	259.86	74.427	11.856	375.98	26.205	0
"2015-02-20	16:00:00"	10.277	246.19	75.331	10.271	345.61	26.187	0
"2015-02-20	17:00:00"	12.506	226.63	75.965	10.217	353.47	26.184	0
"2015-02-20	18:00:00"	7.5105	237.19	73.495	10.105	103.24	26.181	0
"2015-02-20	19:00:00"	5.1362	241.83	69.869	10.882	13.084	26.187	0
"2015-02-20	20:00:00"	6.7804	237.61	67.044	13.336	0.09878	26.202	0
"2015-02-20	21:00:00"	7.257	274.11	65.411	15.83	0.06953	26.217	0
"2015-02-20	22:00:00"	5.8303	290.84	62.38	18.46	0.0867	26.217	0
"2015-02-20	23:00:00"	4.7957	294.64	58.065	22.088	0.07207	26.223	0
"2015-02-21	00:00:00"	8.4003	276.74	62.404	18.203	0.08606	26.229	0
"2015-02-21	01:00:00"	9.3361	277.75	63.191	17.343	0.05299	26.237	0
"2015-02-21	02:00:00"	8.9322	288.41	62.525	17.961	0.07165	26.252	0
"2015-02-21	03:00:00"	10.835	313.33	59.716	21.656	0.08416	26.279	0
"2015-02-21	04:00:00"	17.291	13.677	49.131	45.969	0.07886	26.314	0
"2015-02-21	05:00:00"	13.614	20.573	45.984	52.518	0.07928	26.338	0
"2015-02-21	06:00:00"	11.413	28.874	44.322	56.739	0.09115	26.356	0
"2015-02-21	07:00:00"	10.021	32.551	43.425	60.257	0.09136	26.367	0
"2015-02-21	08:00:00"	7.7907	19.712	41.047	66.17	10.424	26.4	0
"2015-02-21	09:00:00"	9.7325	20.673	43.223	63.26	154.92	26.423	0
"2015-02-21	10:00:00"	9.794	38.811	46.566	56.494	365.22	26.438	0
"2015-02-21	11:00:00"	7.5086	65.847	49.321	51.183	562.43	26.441	0
"2015-02-21	12:00:00"	5.7819	97.969	52.399	45.178	709	26.432	0
"2015-02-21	13:00:00"	5.0747	135.08	55.132	40.868	765.56	26.4	0
"2015-02-21	14:00:00"	5.2121	115.24	56.821	38.424	623.28	26.356	0
"2015-02-21	15:00:00"	7.6118	172.89	59.687	34.688	746.25	26.338	0
"2015-02-21	16:00:00"	10.535	170.97	61.435	32.755	516.92	26.317	0
"2015-02-21	17:00:00"	11.074	159.79	62.062	33.295	282.35	26.296	0
"2015-02-21	18:00:00"	11.281	154.22	62.482	33.389	143.37	26.305	0
"2015-02-21	19:00:00"	7.961	128.56	60.543	38.621	22.213	26.314	0
"2015-02-21	20:00:00"	7.7789	129.21	57.354	43.791	0.06635	26.326	0
"2015-02-21	21:00:00"	7.4583	114.54	54.622	48.931	0.09518	26.326	0
"2015-02-21	22:00:00"	9.2069	113.48	53.054	51.542	0.08606	26.332	0
"2015-02-21	23:00:00"	9.3839	117.54	52.132	53.91	0.07271	26.347	0
"2015-02-22	00:00:00"	6.1901	104.29	49.771	59.259	0.10853	26.344	0
"2015-02-22	01:00:00"	7.82	89.596	47.425	65.063	0.08946	26.344	0
"2015-02-22	02:00:00"	10.343	77.587	45.588	70.088	0.08034	26.344	0
"2015-02-22	03:00:00"	11.465	72.439	43.651	74.334	0.10239	26.344	0
"2015-02-22	04:00:00"	12.721	70.197	42.232	77.724	0.0761	26.347	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-22	05:00:00"	13.481	67.637	41.608	80.286	0.07144	26.356	0
"2015-02-22	06:00:00"	12.56	72.627	41.295	82.061	0.09158	26.373	0
"2015-02-22	07:00:00"	13.217	71.583	41.073	83.411	0.08098	26.385	0
"2015-02-22	08:00:00"	12.714	45.258	41.457	83.408	4.8685	26.459	0
"2015-02-22	09:00:00"	15.816	42.599	40.999	83.533	51.349	26.5	0
"2015-02-22	10:00:00"	17.354	39.199	39.184	83.741	64.019	26.547	0
"2015-02-22	11:00:00"	13.821	39.259	39.496	87.154	97.212	26.577	0
"2015-02-22	12:00:00"	15.839	42.621	39.906	85.206	161.88	26.601	0
"2015-02-22	13:00:00"	17.168	52.327	38.848	83.639	142.4	26.601	0
"2015-02-22	14:00:00"	18.111	34.73	34.422	87.861	120.08	26.615	0.01
"2015-02-22	15:00:00"	17.88	25.647	30.224	88.958	158.6	26.621	0
"2015-02-22	16:00:00"	21.704	14.792	27.647	87.954	111.97	26.627	0
"2015-02-22	17:00:00"	22.09	7.3655	25.338	87.184	73.528	26.654	0
"2015-02-22	18:00:00"	18.155	11.651	24.391	86.506	32.251	26.677	0
"2015-02-22	19:00:00"	14.703	39.347	23.834	87.56	5.3415	26.698	0
"2015-02-22	20:00:00"	23.795	10.678	22.989	89.246	0.09772	26.722	0
"2015-02-22	21:00:00"	26.062	26.481	22.065	89.526	0.09942	26.751	0
"2015-02-22	22:00:00"	23.234	18.331	21.845	89.894	0.10811	26.772	0
"2015-02-22	23:00:00"	26.862	313.49	21.313	89.746	0.10769	26.775	0
"2015-02-23	00:00:00"	24.516	290.16	20.998	89.269	0.08606	26.775	0
"2015-02-23	01:00:00"	21.685	284.24	20.871	89.694	0.10345	26.784	0
"2015-02-23	02:00:00"	15.383	289.62	20.588	89.749	0.09836	26.781	0
"2015-02-23	03:00:00"	20.019	284.95	20.496	89.473	0.0956	26.787	0
"2015-02-23	04:00:00"	16.573	285.34	19.211	89.002	0.10239	26.781	0
"2015-02-23	05:00:00"	9.2292	287.02	19.038	89.524	0.10811	26.784	0
"2015-02-23	06:00:00"	1.7305	286.15	18.687	89.353	0.10175	26.801	0
"2015-02-23	07:00:00"	0.5263	284.33	18.071	88.801	0.11299	26.804	0
"2015-02-23	08:00:00"	0	"INF"	17.916	89.24	5.1505	26.81	0
"2015-02-23	09:00:00"	0	"INF"	18.209	89.303	35.932	26.834	0
"2015-02-23	10:00:00"	0	"INF"	18.522	88.916	65.244	26.843	0
"2015-02-23	11:00:00"	0	"INF"	18.783	87.792	115.11	26.831	0
"2015-02-23	12:00:00"	0	"INF"	19.356	84.813	172.91	26.831	0
"2015-02-23	13:00:00"	0	"INF"	19.869	83.013	222.69	26.798	0
"2015-02-23	14:00:00"	0	"INF"	20.447	83.058	229.03	26.766	0
"2015-02-23	15:00:00"	0.45795	215.3	21.111	81.854	218.93	26.728	0
"2015-02-23	16:00:00"	0.57663	194.8	21.874	81.729	169.48	26.713	0
"2015-02-23	17:00:00"	0	"INF"	22.351	82.843	102.97	26.692	0
"2015-02-23	18:00:00"	0	"INF"	22.428	83.254	54.44	26.686	0
"2015-02-23	19:00:00"	0	"INF"	22.45	84.259	8.476	26.68	0
"2015-02-23	20:00:00"	0	"INF"	22.44	84.842	0.09687	26.683	0
"2015-02-23	21:00:00"	0	"INF"	22.346	85.145	0.08755	26.68	0
"2015-02-23	22:00:00"	22.966	210.06	22.369	84.579	0.10769	26.68	0
"2015-02-23	23:00:00"	26.272	213.79	22.451	84.448	0.1009	26.677	0
"2015-02-24	00:00:00"	22.644	29.501	22.555	84.755	0.09539	26.651	0
"2015-02-24	01:00:00"	18.191	11.065	22.698	84.529	0.0884	26.63	0
"2015-02-24	02:00:00"	15.952	354.7	22.798	84.493	0.13164	26.618	0
"2015-02-24	03:00:00"	15.153	351.61	23.031	84.971	0.11277	26.595	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-24	04:00:00"	14.282	9.4722	23.17	84.076	0.10493	26.58	0
"2015-02-24	05:00:00"	12.05	2.2602	23.383	83.392	0.09984	26.574	0
"2015-02-24	06:00:00"	10.571	25.442	23.381	83.367	0.12252	26.571	0
"2015-02-24	07:00:00"	10.143	20.106	23.67	83.432	0.08267	26.571	0
"2015-02-24	08:00:00"	10.022	9.4632	23.651	82.883	13.54	26.574	0
"2015-02-24	09:00:00"	8.4948	316.05	24.522	81.305	116.01	26.577	0
"2015-02-24	10:00:00"	22.134	258.76	26.922	76.87	287.4	26.583	0
"2015-02-24	11:00:00"	25.963	295.19	30.494	70.251	544.29	26.568	0.01
"2015-02-24	12:00:00"	5.4221	321.21	34.214	61.589	679.14	26.533	0
"2015-02-24	13:00:00"	3.3629	3.7028	37.047	54.958	661.06	26.488	0
"2015-02-24	14:00:00"	3.2044	145.58	40.187	48.945	716.7	26.429	0
"2015-02-24	15:00:00"	4.2614	300.28	43.473	44.393	667.64	26.397	0
"2015-02-24	16:00:00"	3.9233	154.39	45.008	41.966	615.03	26.356	0
"2015-02-24	17:00:00"	3.3977	195.02	44.965	43.817	183.76	26.35	0
"2015-02-24	18:00:00"	7.4235	328.09	43.742	47.805	47.185	26.358	0
"2015-02-24	19:00:00"	8.212	0.0359	42.094	54.559	8.1818	26.347	0
"2015-02-24	20:00:00"	8.4289	12.047	40.729	56.797	0.09327	26.317	0
"2015-02-24	21:00:00"	5.0238	31.315	39.686	55.099	0.092	26.361	0
"2015-02-24	22:00:00"	2.749	30.339	37.963	59.04	0.10345	26.364	0
"2015-02-24	23:00:00"	5.186	340.31	35.634	64.84	0.11235	26.376	0
"2015-02-25	00:00:00"	6.5374	330.27	34.163	67.643	0.10069	26.388	0
"2015-02-25	01:00:00"	4.2452	312.5	34.721	65.771	0.09624	26.37	0
"2015-02-25	02:00:00"	6.3193	323.26	35.991	61.558	0.1257	26.367	0
"2015-02-25	03:00:00"	7.4857	314.51	37.055	55.368	0.09073	26.37	0
"2015-02-25	04:00:00"	4.6447	295.76	35.895	59.869	0.09772	26.356	0
"2015-02-25	05:00:00"	4.7411	281.85	33.244	67.672	0.09836	26.353	0
"2015-02-25	06:00:00"	7.2135	297.74	31.418	75.8	0.08288	26.353	0
"2015-02-25	07:00:00"	5.7595	290.83	30.222	84.082	0.09984	26.356	0
"2015-02-25	08:00:00"	4.4409	287.59	29.38	86.451	26.729	26.358	0
"2015-02-25	09:00:00"	6.2709	276.54	34.13	77.155	183.66	26.35	0
"2015-02-25	10:00:00"	8.99	269.68	42.681	51.448	404.2	26.344	0
"2015-02-25	11:00:00"	11.722	266.78	47.784	39.206	603.26	26.335	0
"2015-02-25	12:00:00"	13.666	295.29	52.675	33.333	749.34	26.32	0
"2015-02-25	13:00:00"	12.623	293	55.772	30.487	830.21	26.294	0
"2015-02-25	14:00:00"	11.28	289.46	59.034	27.268	795.71	26.252	0.11
"2015-02-25	15:00:00"	12.883	298.45	61.876	24.25	753.16	26.234	0
"2015-02-25	16:00:00"	11.018	297.35	63.727	22.323	337.98	26.22	0
"2015-02-25	17:00:00"	9.8599	305.43	64.747	19.77	289.17	26.211	0
"2015-02-25	18:00:00"	8.1518	312.23	64.637	18.443	32.179	26.217	0
"2015-02-25	19:00:00"	4.2694	316.47	61.756	20.771	50.837	26.229	0
"2015-02-25	20:00:00"	2.9615	330.71	56.386	25.023	0.10493	26.243	0
"2015-02-25	21:00:00"	2.657	253.2	56.031	27.95	0.0778	26.258	0
"2015-02-25	22:00:00"	10.737	61.992	54.233	28.02	0.09518	26.291	0
"2015-02-25	23:00:00"	12.05	76.321	51.315	30.761	0.07822	26.294	0
"2015-02-26	00:00:00"	12.969	22.088	47.269	37.982	0.09094	26.338	0
"2015-02-26	01:00:00"	11.166	23.523	43.937	47.732	0.09518	26.358	0
"2015-02-26	02:00:00"	9.6598	3.7271	44.321	54.461	0.0672	26.373	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-26	03:00:00"	9.5237	21.79	44.331	61.011	0.10535	26.388	0
"2015-02-26	04:00:00"	8.8825	13.961	41.069	69.204	0.10281	26.4	0
"2015-02-26	05:00:00"	11.31	12.555	40.759	71.605	0.085	26.412	0
"2015-02-26	06:00:00"	17.201	32.987	40.373	73.705	0.08119	26.462	0
"2015-02-26	07:00:00"	18.792	33.931	35.793	79.009	0.12613	26.491	0
"2015-02-26	08:00:00"	16.9	45.987	34.529	75.264	5.2893	26.527	0
"2015-02-26	09:00:00"	17.246	48.939	34.091	75.43	85.101	26.547	0
"2015-02-26	10:00:00"	18.654	45.577	32.941	72.566	120.72	26.577	0
"2015-02-26	11:00:00"	20.149	45.162	31.913	69.027	221.65	26.586	0
"2015-02-26	12:00:00"	15.171	40.346	31.916	64.941	247.06	26.607	0
"2015-02-26	13:00:00"	15.711	55.977	29.694	65.227	192.92	26.612	0
"2015-02-26	14:00:00"	12.726	44.7	29.793	65.863	225.83	26.607	0
"2015-02-26	15:00:00"	11.36	28.293	28.758	64.979	159.12	26.618	0
"2015-02-26	16:00:00"	12.066	44.878	28.695	62.32	203.4	26.586	0
"2015-02-26	17:00:00"	13.258	60.024	28.885	59.787	230.43	26.58	0
"2015-02-26	18:00:00"	10.977	47.426	27.585	60.474	63.409	26.604	0
"2015-02-26	19:00:00"	9.6928	63.314	27.362	57.137	10.829	26.601	0
"2015-02-26	20:00:00"	11.718	71.13	27.489	57.784	0.09073	26.598	0
"2015-02-26	21:00:00"	11.428	76.987	26.939	56.982	0.08161	26.618	0
"2015-02-26	22:00:00"	10.984	84.849	26.664	56.875	0.10302	26.624	0
"2015-02-26	23:00:00"	11.004	88.966	25.945	55.446	0.09412	26.615	0
"2015-02-27	00:00:00"	10.158	88.557	25.277	56.479	0.11383	26.618	0
"2015-02-27	01:00:00"	10.575	87.316	24.735	53.571	0.11362	26.592	0
"2015-02-27	02:00:00"	9.2659	83.826	23.95	57.49	0.09158	26.595	0
"2015-02-27	03:00:00"	8.4351	86.081	21.67	76.498	0.07843	26.592	0
"2015-02-27	04:00:00"	7.3309	54.526	20.263	82.658	0.10027	26.592	0
"2015-02-27	05:00:00"	9.7431	81.933	19.707	84.555	0.09899	26.58	0
"2015-02-27	06:00:00"	10.863	86.596	18.992	86.992	0.10281	26.595	0
"2015-02-27	07:00:00"	10.519	67.101	17.795	88.666	0.09836	26.604	0
"2015-02-27	08:00:00"	13.412	330.03	17.255	88.374	8.3707	26.615	0
"2015-02-27	09:00:00"	18.683	338.63	17.233	88.627	51.461	26.639	0
"2015-02-27	10:00:00"	14.059	300.18	17.392	88.166	119.99	26.645	0
"2015-02-27	11:00:00"	25.312	106.36	17.735	86.782	188.86	26.639	0
"2015-02-27	12:00:00"	32.869	84.392	18.201	84.576	279.5	26.636	0
"2015-02-27	13:00:00"	18.098	294.57	18.53	82.821	266.61	26.612	0
"2015-02-27	14:00:00"	20.625	284.68	18.773	82.004	268.17	26.586	0
"2015-02-27	15:00:00"	26.539	266.04	19.706	81.59	283.85	26.565	0
"2015-02-27	16:00:00"	14.212	260.58	20.589	80.54	251.21	26.556	0
"2015-02-27	17:00:00"	10.51	251.92	20.675	81.263	141.16	26.55	0
"2015-02-27	18:00:00"	7.1656	234.46	20.027	83.407	55.074	26.545	0
"2015-02-27	19:00:00"	5.6203	234	19.471	85.454	10.18	26.547	0
"2015-02-27	20:00:00"	5.007	254.28	18.774	87.763	0.11616	26.559	0
"2015-02-27	21:00:00"	8.6663	270.54	18.279	89.404	0.11087	26.562	0
"2015-02-27	22:00:00"	11.259	272.48	17.831	89.388	0.1132	26.568	0
"2015-02-27	23:00:00"	12.444	264.35	17.678	89.248	0.13164	26.571	0
"2015-02-28	00:00:00"	21.047	144.28	17.527	89.101	0.11362	26.562	0
"2015-02-28	01:00:00"	33.977	152.93	17.129	88.994	0.10981	26.556	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-02-28	02:00:00"	6.7232	111.7	17.243	89.012	0.12146	26.55	0
"2015-02-28	03:00:00"	12.959	85.305	17.248	88.993	0.09115	26.536	0
"2015-02-28	04:00:00"	24.204	93.132	17.281	88.999	0.09857	26.527	0
"2015-02-28	05:00:00"	22.94	117.92	17.517	89.046	0.13757	26.533	0
"2015-02-28	06:00:00"	57.55	91.188	17.741	89.126	0.12189	26.542	0
"2015-02-28	07:00:00"	20.889	104.44	18.058	89.216	0.12019	26.536	0
"2015-02-28	08:00:00"	19.235	113.34	18.249	89.229	6.8522	26.545	0
"2015-02-28	09:00:00"	20.475	109.69	18.829	89.289	57.152	26.559	0
"2015-02-28	10:00:00"	25.871	118.51	20.029	89.38	131.37	26.562	0
"2015-02-28	11:00:00"	21.722	140.49	21.417	89.349	191.29	26.571	0
"2015-02-28	12:00:00"	22.761	194.9	22.991	89.453	242.7	26.556	0
"2015-02-28	13:00:00"	25.645	237.3	24.613	89.877	269.73	26.53	0
"2015-02-28	14:00:00"	30.506	240.69	25.715	90.234	238.6	26.512	0
"2015-02-28	15:00:00"	28.175	220.71	26.417	90.668	202.79	26.485	0
"2015-02-28	16:00:00"	29.925	222.78	27.971	91.412	174.92	26.474	0
"2015-02-28	17:00:00"	26.319	204.55	28.795	91.894	104.03	26.48	0
"2015-02-28	18:00:00"	23.042	177.07	29.77	92.442	45.294	26.48	0
"2015-02-28	19:00:00"	26.262	231.61	30.347	92.761	7.1844	26.497	0
"2015-02-28	20:00:00"	25.325	184.43	30.243	92.837	0.10005	26.509	0
"2015-02-28	21:00:00"	23.561	166.7	30.171	92.933	0.07886	26.53	0
"2015-02-28	22:00:00"	22.879	110.06	30.218	92.956	0.07398	26.542	0
"2015-02-28	23:00:00"	33.265	128.65	30.006	92.906	0.10281	26.547	0
"2015-03-01	00:00:00"	56.298	261.63	30.041	92.966	0.11023	26.553	0
"2015-03-01	01:00:00"	19.287	262.93	30.057	92.987	0.07462	26.547	0
"2015-03-01	02:00:00"	27.486	316.34	30.19	93.039	0.09285	26.545	0
"2015-03-01	03:00:00"	48.115	335.67	30.179	93.036	0.09073	26.536	0
"2015-03-01	04:00:00"	45.353	334.51	30.297	93.091	0.07886	26.539	0
"2015-03-01	05:00:00"	33.708	26.05	30.327	93.101	0.08585	26.533	0
"2015-03-01	06:00:00"	26.933	36.979	30.416	93.123	0.10111	26.55	0
"2015-03-01	07:00:00"	32.152	62.328	30.519	93.181	0.1009	26.568	0
"2015-03-01	08:00:00"	37.499	83.355	30.634	93.2	8.1612	26.583	0
"2015-03-01	09:00:00"	37.624	79.4	30.916	93.177	49.367	26.595	0
"2015-03-01	10:00:00"	37.753	69.058	31.473	93.128	93.657	26.621	0
"2015-03-01	11:00:00"	18.657	196.25	32.03	92.976	153.21	26.63	0.01
"2015-03-01	12:00:00"	3.8606	164.71	33.161	92.671	236.97	26.621	0
"2015-03-01	13:00:00"	4.6901	133.92	35.003	92.471	337.4	26.604	0
"2015-03-01	14:00:00"	4.9505	126.01	36.513	85.673	447.53	26.586	0
"2015-03-01	15:00:00"	5.9745	113.07	39.468	77.173	577.22	26.574	0
"2015-03-01	16:00:00"	7.5726	105.24	41.445	74.141	459.08	26.571	0
"2015-03-01	17:00:00"	9.0291	93.725	40.877	74.086	281.44	26.577	0
"2015-03-01	18:00:00"	8.6327	89.091	38.76	78.609	87.43	26.58	0
"2015-03-01	19:00:00"	9.0372	73.435	37.126	81.981	17.741	26.595	0
"2015-03-01	20:00:00"	8.5985	68.562	35.651	85.945	0.08628	26.642	0
"2015-03-01	21:00:00"	7.9796	78.491	34.521	88.752	0.10684	26.666	0
"2015-03-01	22:00:00"	9.7692	68.624	33.266	91.087	0.11108	26.68	0
"2015-03-01	23:00:00"	9.2081	63.13	32.137	92.685	0.09306	26.704	0
"2015-03-02	00:00:00"	8.2673	60.622	31.67	91.888	0.092	26.695	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-02	01:00:00"	8.1822	50.577	30.912	93.027	0.11659	26.71	0
"2015-03-02	02:00:00"	7.4353	44.039	30.583	93.244	0.12295	26.704	0
"2015-03-02	03:00:00"	10.125	37.099	30.307	93.265	0.14457	26.686	0
"2015-03-02	04:00:00"	6.0559	62.825	30.477	93.339	0.09539	26.677	0
"2015-03-02	05:00:00"	9.937	41.124	30.615	93.361	0.05342	26.674	0
"2015-03-02	06:00:00"	25.43	1.8917	30.502	93.362	0.09878	26.645	0
"2015-03-02	07:00:00"	24.969	80.367	30.406	93.371	0.08119	26.674	0
"2015-03-02	08:00:00"	33.066	77.59	30.495	93.352	5.4481	26.669	0
"2015-03-02	09:00:00"	25.229	30.755	30.627	93.329	45.237	26.672	0
"2015-03-02	10:00:00"	39.287	2.9722	31.099	93.283	95.607	26.672	0
"2015-03-02	11:00:00"	30.795	76.287	31.678	93.17	185.43	26.66	0
"2015-03-02	12:00:00"	8.7731	101.53	32.414	92.934	231.65	26.645	0
"2015-03-02	13:00:00"	8.5382	146.45	33.031	92.558	202.6	26.589	0
"2015-03-02	14:00:00"	6.4243	158.98	33.768	90.654	243.49	26.55	0
"2015-03-02	15:00:00"	6.8817	160.12	36.424	81.647	310.66	26.515	0
"2015-03-02	16:00:00"	6.2883	148.76	37.936	78.541	203.72	26.497	0
"2015-03-02	17:00:00"	5.716	138.93	37.593	80.849	120.76	26.477	0
"2015-03-02	18:00:00"	6.3498	131.77	37.147	82.444	67.681	26.459	0
"2015-03-02	19:00:00"	5.8769	156.02	36.513	85.466	12.168	26.471	0
"2015-03-02	20:00:00"	5.7912	160.07	36.324	88.096	0.09094	26.465	0
"2015-03-02	21:00:00"	8.4885	175.59	36.176	90.25	0.10599	26.462	0
"2015-03-02	22:00:00"	8.7843	176.64	36.073	91.806	0.10281	26.468	0
"2015-03-02	23:00:00"	9.6648	180.32	36.252	90.578	0.08861	26.447	0
"2015-03-03	00:00:00"	9.3815	190.63	37.086	89.505	0.11002	26.418	0
"2015-03-03	01:00:00"	11.21	187.8	37.879	90.551	0.09815	26.397	0
"2015-03-03	02:00:00"	9.2031	193.75	37.855	91.872	0.10578	26.367	0
"2015-03-03	03:00:00"	9.9699	196.66	38.208	92.951	0.10005	26.35	0
"2015-03-03	04:00:00"	9.6288	199.56	38.544	93.176	0.09242	26.332	0
"2015-03-03	05:00:00"	9.0341	199.04	38.823	93.3	0.10705	26.323	0
"2015-03-03	06:00:00"	6.7375	201.35	39.019	93.369	0.08585	26.326	0
"2015-03-03	07:00:00"	5.8552	205.62	39.205	93.4	0.09391	26.329	0
"2015-03-03	08:00:00"	4.9691	172.59	39.545	93.4	6.0989	26.329	0
"2015-03-03	09:00:00"	5.1462	189.49	40.09	93.4	47.769	26.323	0
"2015-03-03	10:00:00"	4.1358	230.4	41.861	93.207	209.86	26.326	0
"2015-03-03	11:00:00"	3.0596	190.87	43.882	92.511	272.31	26.329	0
"2015-03-03	12:00:00"	2.3594	40.353	45.885	86.399	415.16	26.32	0
"2015-03-03	13:00:00"	3.4561	25.723	52.07	63.696	722.86	26.291	0
"2015-03-03	14:00:00"	3.8979	83.72	58.678	53.292	604.43	26.264	0
"2015-03-03	15:00:00"	4.4347	5.5163	61.035	49.14	474.3	26.255	0
"2015-03-03	16:00:00"	6.3989	356.81	61.675	48.06	456.79	26.255	0
"2015-03-03	17:00:00"	4.5236	319.91	63.284	43.583	392.57	26.249	0
"2015-03-03	18:00:00"	4.5304	325.82	63.861	42.712	171.33	26.252	0
"2015-03-03	19:00:00"	3.6965	335.19	61.65	46.74	35.768	26.264	0
"2015-03-03	20:00:00"	1.9946	334.29	57.717	54.71	0.10663	26.288	0
"2015-03-03	21:00:00"	1.5634	100.96	56.059	59.603	0.10196	26.296	0
"2015-03-03	22:00:00"	4.1669	128.62	55.388	63.729	0.07377	26.296	0
"2015-03-03	23:00:00"	4.746	135.62	53.036	75.211	0.07652	26.308	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-04	00:00:00"	4.7075	136.93	52.414	79.295	0.08034	26.294	0.01
"2015-03-04	01:00:00"	3.2336	262.94	51.829	80.638	0.09645	26.302	0
"2015-03-04	02:00:00"	3.2262	256.01	50.906	82.581	0.0884	26.291	0
"2015-03-04	03:00:00"	2.3134	237.36	51.025	81.295	0.07059	26.276	0
"2015-03-04	04:00:00"	4.7696	181.55	51.59	78.756	0.07419	26.261	0
"2015-03-04	05:00:00"	2.0853	243.1	51.826	78.765	0.08585	26.246	0
"2015-03-04	06:00:00"	2.15	216.06	52	77.969	0.07462	26.258	0
"2015-03-04	07:00:00"	5.9652	282.21	50.903	77.901	0.08331	26.311	0.01
"2015-03-04	08:00:00"	5.8545	312.92	49.375	76.657	9.2485	26.341	0
"2015-03-04	09:00:00"	6.6685	324.83	49.187	78.645	43.781	26.35	0.01
"2015-03-04	10:00:00"	8.9061	320.06	49.302	80.025	82.742	26.367	0.01
"2015-03-04	11:00:00"	7.9995	331.52	49.356	80.302	98.173	26.367	0.03
"2015-03-04	12:00:00"	6.3051	85.787	48.411	82.603	47.358	26.388	0.1
"2015-03-04	13:00:00"	7.8454	99.449	46.772	84.337	85.862	26.397	0.13
"2015-03-04	14:00:00"	13.688	77.811	41.619	90.386	102.32	26.403	0.09
"2015-03-04	15:00:00"	17.943	44.086	36.411	89.667	219.86	26.397	0.04
"2015-03-04	16:00:00"	19.056	55.889	34.067	88.342	160.23	26.409	0
"2015-03-04	17:00:00"	19.228	34.881	30.672	87.026	108.29	26.453	0.01
"2015-03-04	18:00:00"	18.861	31.709	27.734	84.141	28.068	26.512	0
"2015-03-04	19:00:00"	18.944	24.405	26.328	83.105	7.3862	26.556	0
"2015-03-04	20:00:00"	17.999	28.316	24.969	82.291	0.10938	26.598	0
"2015-03-04	21:00:00"	16.294	46.915	24.299	83.519	0.08903	26.645	0
"2015-03-04	22:00:00"	13.946	40.62	24.053	83.961	0.09921	26.672	0
"2015-03-04	23:00:00"	13.312	33.62	23.97	81.321	0.11934	26.731	0
"2015-03-05	00:00:00"	12.88	30.968	24.029	78.97	0.11214	26.748	0
"2015-03-05	01:00:00"	12.298	25.469	24.062	79.201	0.11871	26.772	0
"2015-03-05	02:00:00"	13.062	12.481	24.105	79.871	0.09264	26.787	0
"2015-03-05	03:00:00"	12.798	13.537	24.163	78.884	0.13545	26.804	0
"2015-03-05	04:00:00"	11.352	13.491	24.083	75.548	0.11595	26.81	0
"2015-03-05	05:00:00"	10.383	7.3305	24.08	70.43	0.12062	26.819	0
"2015-03-05	06:00:00"	10.407	2.5057	24.364	69.962	0.10493	26.831	0
"2015-03-05	07:00:00"	9.2963	357.81	24.735	69.348	0.11023	26.846	0
"2015-03-05	08:00:00"	7.554	359.18	24.88	63.933	22.167	26.863	0
"2015-03-05	09:00:00"	6.2845	15.69	26.326	60.477	211.86	26.881	0
"2015-03-05	10:00:00"	3.9345	36.313	28.255	55.226	413.85	26.899	0
"2015-03-05	11:00:00"	3.246	164.75	30.403	51.131	609.7	26.896	0
"2015-03-05	12:00:00"	3.4673	115.19	32.192	48.585	762.93	26.887	0
"2015-03-05	13:00:00"	4.7442	169.07	34.161	47.825	857.56	26.872	0
"2015-03-05	14:00:00"	5.4618	174.38	35.434	49.094	873.12	26.843	0
"2015-03-05	15:00:00"	5.3245	193.46	37.172	49.52	809.8	26.816	0
"2015-03-05	16:00:00"	6.3734	206.31	38.301	50.598	664.45	26.798	0
"2015-03-05	17:00:00"	7.275	190.18	38.712	52.223	494.11	26.796	0
"2015-03-05	18:00:00"	7.2452	203.75	38.985	53.125	269.74	26.798	0
"2015-03-05	19:00:00"	7.0749	201.67	37.483	57.712	61.725	26.796	0
"2015-03-05	20:00:00"	4.0563	193.93	34.526	68.444	0.25692	26.796	0
"2015-03-05	21:00:00"	4.495	200.06	32.954	70.49	0.09433	26.798	0
"2015-03-05	22:00:00"	6.0403	202.04	32.35	72.025	0.08734	26.816	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-05	23:00:00"	5.8819	201.56	30.306	83.487	0.10981	26.819	0
"2015-03-06	00:00:00"	5.1711	210.28	28.9	87.748	0.09518	26.796	0
"2015-03-06	01:00:00"	5.3251	231.52	27.589	89.42	0.11553	26.79	0
"2015-03-06	02:00:00"	4.3788	262.11	26.184	90.58	0.12486	26.79	0
"2015-03-06	03:00:00"	2.8217	246.35	25.939	91.463	0.1062	26.772	0
"2015-03-06	04:00:00"	2.3531	248.76	25.981	90.925	0.10684	26.754	0
"2015-03-06	05:00:00"	1.2502	192.33	25.353	90.996	0.10387	26.751	0
"2015-03-06	06:00:00"	0.98612	106.9	24.096	91.502	0.10408	26.76	0
"2015-03-06	07:00:00"	1.052	53.484	22.825	90.828	0.12316	26.766	0
"2015-03-06	08:00:00"	3.0615	112.2	24.835	89.546	60.329	26.778	0
"2015-03-06	09:00:00"	6.1311	162.58	29.537	79.883	251.64	26.801	0
"2015-03-06	10:00:00"	9.6399	189.35	32.601	74.073	462.63	26.813	0
"2015-03-06	11:00:00"	7.9728	193.49	36.828	66.049	655.38	26.81	0
"2015-03-06	12:00:00"	7.9051	190.61	41.988	58.409	802.64	26.798	0
"2015-03-06	13:00:00"	6.7481	211.23	46.955	49.629	883.66	26.775	0
"2015-03-06	14:00:00"	6.8525	200.39	50.554	39.73	889.94	26.745	0
"2015-03-06	15:00:00"	7.4434	186.58	52.706	35.463	822.02	26.719	0
"2015-03-06	16:00:00"	7.9635	186.34	54.18	33.866	689.3	26.704	0
"2015-03-06	17:00:00"	8.2102	169.92	54.975	32.636	500.43	26.698	0
"2015-03-06	18:00:00"	7.7783	166.13	54.165	32.097	278.28	26.695	0
"2015-03-06	19:00:00"	4.907	177.15	51.502	37.935	65.399	26.698	0
"2015-03-06	20:00:00"	1.2956	180.63	45.694	49.64	0.27176	26.704	0
"2015-03-06	21:00:00"	5.7054	142.93	44.934	49.041	0.08522	26.716	0
"2015-03-06	22:00:00"	7.59	140.3	45.073	47.498	0.10239	26.719	0
"2015-03-06	23:00:00"	4.4602	172.05	41.103	60.275	0.07165	26.734	0
"2015-03-07	00:00:00"	3.3964	186.34	38.633	68.78	0.08225	26.731	0
"2015-03-07	01:00:00"	2.46	195.82	36.524	74.234	0.10747	26.719	0
"2015-03-07	02:00:00"	2.5582	200.14	36.054	73.704	0.10323	26.713	0
"2015-03-07	03:00:00"	2.0157	259.45	35.743	71.11	0.09815	26.701	0
"2015-03-07	04:00:00"	2.2512	201	35.583	67.964	0.09581	26.68	0
"2015-03-07	05:00:00"	2.7651	101.3	35.952	63.264	0.08585	26.689	0
"2015-03-07	06:00:00"	3.0826	90.689	34.556	65.549	0.0956	26.692	0
"2015-03-07	07:00:00"	4.618	3.1691	32.666	69.952	0.08924	26.683	0
"2015-03-07	08:00:00"	4.2297	4.6002	32.643	72.374	30.817	26.695	0
"2015-03-07	09:00:00"	5.5147	85.575	36.777	60.651	142.24	26.707	0
"2015-03-07	10:00:00"	5.4805	119.85	40.105	53.662	301.32	26.719	0
"2015-03-07	11:00:00"	5.1244	117.33	44.048	45.171	531.09	26.71	0
"2015-03-07	12:00:00"	6.292	129.54	47.813	41.582	719.35	26.701	0
"2015-03-07	13:00:00"	6.2193	130	51.223	37.449	823.15	26.677	0
"2015-03-07	14:00:00"	5.8154	128.23	53.909	36.106	833.33	26.627	0
"2015-03-07	15:00:00"	8.4494	146.01	55.964	35.812	698.26	26.601	0
"2015-03-07	16:00:00"	8.6501	139.66	56.765	35.165	389.27	26.58	0
"2015-03-07	17:00:00"	8.5731	135.97	57.857	34.146	500.51	26.583	0
"2015-03-07	18:00:00"	8.2822	152.33	57.927	33.812	252.69	26.58	0
"2015-03-07	19:00:00"	6.9935	138.82	55.785	36.733	30.959	26.574	0
"2015-03-07	20:00:00"	5.9937	143.62	53.071	41.594	0.09391	26.595	0
"2015-03-07	21:00:00"	6.1795	130.15	51.498	46.464	0.0814	26.58	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-07	22:00:00"	6.2746	136.96	50.796	48.835	0.07928	26.58	0
"2015-03-07	23:00:00"	7.3713	166.98	49.199	52.537	0.09221	26.589	0
"2015-03-08	00:00:00"	10.453	166.38	47.446	44.965	0.07674	26.559	0
"2015-03-08	01:00:00"	7.2122	148.27	45.751	44.264	0.11044	26.518	0
"2015-03-08	02:00:00"	4.2862	129.61	44.475	47.561	0.10493	26.503	0
"2015-03-08	03:00:00"	6.3355	202.03	43.221	50.784	0.10154	26.521	0
"2015-03-08	04:00:00"	2.5352	204.41	42.059	54.54	0.08288	26.488	0
"2015-03-08	05:00:00"	3.3865	345.28	38.177	65.744	0.09475	26.474	0
"2015-03-08	06:00:00"	2.8136	319.11	35.317	71.893	0.08712	26.468	0
"2015-03-08	07:00:00"	2.3202	85.273	35.838	72.08	0.08331	26.477	0
"2015-03-08	08:00:00"	2.2127	75.393	38.549	66.943	21.916	26.483	0
"2015-03-08	09:00:00"	4.1284	124	41.994	61.455	193.63	26.48	0
"2015-03-08	10:00:00"	6.2814	197.1	48.134	51.444	387.62	26.503	0
"2015-03-08	11:00:00"	8.0107	291.06	48.232	60.682	291.04	26.491	0.01
"2015-03-08	12:00:00"	7.7298	318.65	55.096	55.482	951.83	26.474	0
"2015-03-08	13:00:00"	4.9063	334.15	59.117	51.969	626.35	26.447	0
"2015-03-08	14:00:00"	4.9666	7.6705	62.532	44.933	867.87	26.403	0
"2015-03-08	15:00:00"	4.0433	66.843	64.966	40.952	804.88	26.376	0
"2015-03-08	16:00:00"	4.779	155.92	66.55	38.436	672.1	26.358	0
"2015-03-08	17:00:00"	3.8655	100.74	67.194	37.199	491.01	26.35	0
"2015-03-08	18:00:00"	3.3573	45.074	67.046	37.714	163.27	26.358	0
"2015-03-08	19:00:00"	7.5602	95.829	64.121	44.19	13.1	26.367	0
"2015-03-08	20:00:00"	7.3135	158.11	59.299	57.086	0.0708	26.382	0.1
"2015-03-08	21:00:00"	8.3711	164.2	55.721	70.394	0.06974	26.391	0
"2015-03-08	22:00:00"	4.3173	126.4	54.01	76.179	0.06317	26.406	0
"2015-03-08	23:00:00"	2.8714	17.226	52.482	79.839	0.09327	26.397	0
"2015-03-09	01:00:00"	3.6325	19.623	51.003	84.571	0.08797	26.4	0
"2015-03-09	02:00:00"	5.6601	23.558	50.311	84.41	0.0903	26.388	0
"2015-03-09	03:00:00"	5.0909	15.904	49.433	82.079	0.09497	26.394	0
"2015-03-09	04:00:00"	4.3552	28.918	47.16	83.723	0.10027	26.391	0
"2015-03-09	05:00:00"	4.5161	27.695	44.486	87.132	0.08734	26.373	0
"2015-03-09	06:00:00"	6.4635	10.093	43.349	88.921	0.11447	26.376	0
"2015-03-09	07:00:00"	6.7792	27.441	42.506	89.569	0.09179	26.385	0
"2015-03-09	08:00:00"	6.2939	27.76	40.974	91.111	0.11065	26.391	0
"2015-03-09	09:00:00"	8.0927	11.829	41.204	91.467	50.058	26.406	0.01
"2015-03-09	10:00:00"	7.8666	22.945	46.007	88.742	245.96	26.429	0
"2015-03-09	11:00:00"	7.9219	21.654	49.535	82.559	356.73	26.441	0
"2015-03-09	12:00:00"	8.0188	34.749	53.252	74.692	414.92	26.441	0
"2015-03-09	13:00:00"	8.5165	41.189	56.463	65.735	557.66	26.435	0
"2015-03-09	14:00:00"	9.7089	59.323	57.623	59.319	659.26	26.412	0
"2015-03-09	15:00:00"	8.898	63.629	57.857	57.345	680.9	26.385	0
"2015-03-09	16:00:00"	8.9136	64.127	58.203	55.626	728.11	26.37	0
"2015-03-09	17:00:00"	7.2017	50.615	58.863	52.426	654.46	26.361	0
"2015-03-09	18:00:00"	5.8154	65.4	59.509	50.154	428.66	26.356	0
"2015-03-09	19:00:00"	5.3618	61.685	59.607	50.14	208.37	26.364	0
"2015-03-09	20:00:00"	3.6729	55.009	57.401	53.519	39.915	26.376	0
"2015-03-09	21:00:00"	4.3558	113.92	53.819	63.463	0.22406	26.4	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-09"	22:00:00"	5.1717	101.65	49.491	74.276	0.09878	26.418	0
"2015-03-09"	23:00:00"	5.0051	121.02	47.408	82.501	0.09687	26.432	0
"2015-03-10"	00:00:00"	4.3589	153.1	46.806	86.218	0.10769	26.441	0
"2015-03-10"	01:00:00"	3.3082	76.239	45.505	87.732	0.06889	26.444	0
"2015-03-10"	02:00:00"	2.9335	19.644	42.169	91.016	0.1062	26.429	0
"2015-03-10"	03:00:00"	2.2966	55.965	40.379	92.161	0.10535	26.415	0
"2015-03-10"	04:00:00"	1.8871	61.526	39.703	92.819	0.0903	26.409	0
"2015-03-10"	05:00:00"	1.9722	110.74	39.571	93.055	0.08649	26.4	0
"2015-03-10"	06:00:00"	2.68	293.47	39.717	93.117	0.08204	26.412	0
"2015-03-10"	07:00:00"	1.8504	322.94	39.616	93.069	0.08182	26.429	0
"2015-03-10"	08:00:00"	1.5249	327.43	37.232	93.324	0.11299	26.45	0
"2015-03-10"	09:00:00"	3.0652	322.43	38.012	93.448	30.248	26.465	0
"2015-03-10"	10:00:00"	3.6294	296.13	40.88	93.267	164.1	26.488	0
"2015-03-10"	11:00:00"	2.4184	254.51	44.361	92.585	309.87	26.509	0
"2015-03-10"	12:00:00"	3.3548	226.96	47.692	91.039	614.5	26.521	0
"2015-03-10"	13:00:00"	4.101	187.17	53.084	70.806	779.38	26.512	0
"2015-03-10"	14:00:00"	3.3461	181.88	60.408	48.232	865.92	26.5	0
"2015-03-10"	15:00:00"	3.9445	228.45	64.061	37.249	880.48	26.485	0
"2015-03-10"	16:00:00"	5.67	192.37	65.358	34.153	818.76	26.468	0
"2015-03-10"	17:00:00"	6.0907	164.85	65.572	33.497	693.97	26.462	0
"2015-03-10"	18:00:00"	7.2147	194.26	66.324	33.249	525.44	26.462	0
"2015-03-10"	19:00:00"	5.7825	178.01	65.695	33.149	252.24	26.468	0
"2015-03-10"	20:00:00"	5.0213	188.48	63.925	35.461	58.108	26.494	0
"2015-03-10"	21:00:00"	6.9805	243.8	59.506	42.897	0.33938	26.539	0
"2015-03-10"	22:00:00"	13.919	6.6321	55.835	53.137	0.08331	26.577	0
"2015-03-10"	23:00:00"	11.548	8.6042	53.972	62.918	0.05999	26.592	0
"2015-03-11"	00:00:00"	4.541	48.324	52.533	69.777	0.09454	26.568	0
"2015-03-11"	01:00:00"	3.6319	267.97	51.829	68.199	0.07716	26.571	0
"2015-03-11"	02:00:00"	3.5716	282.63	51.082	64.661	0.08373	26.574	0
"2015-03-11"	03:00:00"	1.8337	43.688	51.98	63.092	0.09115	26.589	0
"2015-03-11"	04:00:00"	2.7589	88.489	48.357	71.742	0.08946	26.592	0
"2015-03-11"	05:00:00"	1.6305	93.653	46.578	75.934	0.07992	26.589	0
"2015-03-11"	06:00:00"	1.4397	22.547	42.985	84.229	0.0761	26.601	0
"2015-03-11"	07:00:00"	1.464	355.9	41.591	87.163	0.08161	26.612	0
"2015-03-11"	08:00:00"	2.4265	338.9	40.86	87.65	0.20583	26.642	0
"2015-03-11"	09:00:00"	5.3289	357.61	42.356	85.281	49.709	26.657	0
"2015-03-11"	10:00:00"	7.298	9.5677	48.827	74.66	229.27	26.677	0
"2015-03-11"	11:00:00"	7.2222	6.3056	55.78	58.591	453.39	26.689	0
"2015-03-11"	12:00:00"	4.8305	13.357	60.883	45.278	654.06	26.683	0
"2015-03-11"	13:00:00"	5.3631	35.886	63.529	38.832	801.59	26.686	0
"2015-03-11"	14:00:00"	6.2075	57.565	65.375	35.14	898.07	26.674	0
"2015-03-11"	15:00:00"	6.9917	66.315	66.137	31.909	555.67	26.654	0
"2015-03-11"	16:00:00"	5.9527	67.54	66.605	29.098	499.5	26.642	0
"2015-03-11"	17:00:00"	6.5455	87.06	67.26	27.92	603.71	26.63	0
"2015-03-11"	18:00:00"	6.1056	89.983	67.627	28.451	504.8	26.615	0
"2015-03-11"	19:00:00"	3.9109	118.48	67.721	27.695	276.86	26.615	0
"2015-03-11"	20:00:00"	4.628	77.122	65.87	29.253	68.625	26.615	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-11	21:00:00"	5.9985	103.94	60.109	42.33	0.26625	26.627	0
"2015-03-11	22:00:00"	5.4302	104.55	55.754	50.224	0.08204	26.642	0
"2015-03-11	23:00:00"	6.0919	101.96	53.586	51.973	0.11701	26.654	0
"2015-03-12	00:00:00"	7.741	103.31	51.578	49.307	0.09687	26.657	0
"2015-03-12	01:00:00"	6.8351	102.25	49.162	51.08	0.07504	26.654	0
"2015-03-12	02:00:00"	3.7755	117.81	48.196	53.341	0.09221	26.654	0
"2015-03-12	03:00:00"	4.3502	93.768	46.217	60.626	0.09603	26.648	0
"2015-03-12	04:00:00"	3.8705	85.078	44.557	69.877	0.07758	26.627	0
"2015-03-12	05:00:00"	1.5454	354.3	42.219	75.814	0.10111	26.612	0
"2015-03-12	06:00:00"	1.1011	350.67	41.26	79.627	0.10069	26.607	0
"2015-03-12	07:00:00"	1.6647	329.16	40.702	80.031	0.08967	26.604	0
"2015-03-12	08:00:00"	1.8821	344.25	38.993	83.131	0.27981	26.612	0
"2015-03-12	09:00:00"	0.4884	125.81	42.286	79.244	58.412	26.63	0
"2015-03-12	10:00:00"	5.5389	108.68	50.081	68.605	247.5	26.642	0
"2015-03-12	11:00:00"	8.2369	134.04	55.208	54.559	473.69	26.648	0
"2015-03-12	12:00:00"	6.9103	165.04	58.024	43.592	674.02	26.633	0
"2015-03-12	13:00:00"	5.5066	142.8	60.71	34.815	819.57	26.615	0
"2015-03-12	14:00:00"	6.8382	131.22	62.437	28.772	898.76	26.595	0
"2015-03-12	15:00:00"	5.8372	126.6	63.878	25.564	903.43	26.559	0
"2015-03-12	16:00:00"	4.5845	109.01	65.106	22.938	836.1	26.53	0
"2015-03-12	17:00:00"	4.2986	189.81	66.519	21.518	703.1	26.509	0
"2015-03-12	18:00:00"	4.3154	142.77	66.433	20.727	516.81	26.503	0
"2015-03-12	19:00:00"	4.9312	133.87	66.27	21.131	280.45	26.506	0
"2015-03-12	20:00:00"	3.6108	166.12	63.796	23.713	43.638	26.512	0
"2015-03-12	21:00:00"	1.8349	145.89	59.55	29.785	0.26095	26.524	0
"2015-03-12	22:00:00"	3.0832	112.15	56.152	36.451	0.09327	26.524	0
"2015-03-12	23:00:00"	1.5174	110.02	52.896	42.288	0.05893	26.521	0
"2015-03-13	00:00:00"	3.4449	116.85	51.818	44.781	0.07822	26.518	0
"2015-03-13	01:00:00"	1.4341	176.47	50.445	47.474	0.09497	26.506	0
"2015-03-13	02:00:00"	1.0352	35.508	47.654	52.822	0.09921	26.509	0
"2015-03-13	03:00:00"	1.9505	208.18	48.021	52.98	0.1132	26.509	0
"2015-03-13	04:00:00"	2.1934	299.34	44.573	59.72	0.11129	26.497	0
"2015-03-13	05:00:00"	1.9716	335.54	42.483	65.195	0.09475	26.488	0
"2015-03-13	06:00:00"	3.3175	339.56	39.767	72.209	0.085	26.497	0
"2015-03-13	07:00:00"	3.2547	341.18	38.924	75.783	0.10578	26.512	0
"2015-03-13	08:00:00"	4.9343	353.1	40.556	71.738	0.29402	26.521	0
"2015-03-13	09:00:00"	4.1806	2.9207	41.884	69.4	62.405	26.536	0
"2015-03-13	10:00:00"	4.9679	352.85	52.025	50.396	267.85	26.55	0
"2015-03-13	11:00:00"	5.5756	306.35	58.985	40.881	480.93	26.556	0
"2015-03-13	12:00:00"	6.4175	311.37	62.463	32.831	671.74	26.556	0
"2015-03-13	13:00:00"	9.282	354.9	65.201	26.298	825.14	26.55	0
"2015-03-13	14:00:00"	9.7064	6.511	67.028	23.993	882.75	26.539	0
"2015-03-13	15:00:00"	8.414	31.165	67.91	21.708	745.31	26.506	0
"2015-03-13	16:00:00"	10.794	49.973	68.117	22.34	611.27	26.491	0
"2015-03-13	17:00:00"	9.8369	34.727	68.171	22.91	371.79	26.483	0
"2015-03-13	18:00:00"	11.242	39.845	68.787	21.441	344.61	26.483	0
"2015-03-13	19:00:00"	10.93	33.013	67.095	21.141	92.384	26.494	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-13	20:00:00"	7.0265	50.103	64.07	23.055	17.431	26.506	0
"2015-03-13	21:00:00"	3.1087	27.112	56.256	31.255	0.30822	26.518	0
"2015-03-13	22:00:00"	3.6176	21.1	51.281	38.971	0.08246	26.539	0
"2015-03-13	23:00:00"	4.7641	14.953	50.384	43.515	0.06423	26.562	0
"2015-03-14	00:00:00"	5.1661	10.197	49.938	44.913	0.08182	26.577	0
"2015-03-14	01:00:00"	5.734	9.428	49.128	46.554	0.08882	26.58	0
"2015-03-14	02:00:00"	5.4705	8.7487	48.401	48.111	0.08098	26.583	0
"2015-03-14	03:00:00"	6.1547	7.3102	47.68	49.577	0.09306	26.595	0
"2015-03-14	04:00:00"	7.5267	6.9702	46.669	51.069	0.09666	26.601	0
"2015-03-14	05:00:00"	8.4575	8.5878	48.158	49.602	0.08458	26.601	0
"2015-03-14	06:00:00"	7.6901	20.677	48.096	52.558	0.09709	26.618	0
"2015-03-14	07:00:00"	6.9301	22.025	46.418	57.348	0.0956	26.636	0
"2015-03-14	08:00:00"	9.2708	18.794	47.338	56.056	0.34108	26.66	0
"2015-03-14	09:00:00"	8.716	11.573	47.153	56.624	24.776	26.686	0
"2015-03-14	10:00:00"	10.133	23.8	50.817	49.162	113.74	26.71	0
"2015-03-14	11:00:00"	12.033	31.117	55.334	40.625	347.81	26.716	0
"2015-03-14	12:00:00"	11.116	42.605	60.285	34.104	675.71	26.713	0
"2015-03-14	13:00:00"	11.167	37.889	62.362	29.068	822.22	26.701	0
"2015-03-14	14:00:00"	13.591	38.167	63.872	25.511	881.13	26.677	0
"2015-03-14	15:00:00"	14.72	27.5	64.399	23.477	836.64	26.657	0
"2015-03-14	16:00:00"	13.721	30.291	65.348	21.196	827.34	26.636	0
"2015-03-14	17:00:00"	13.829	25.446	65.674	20.784	733.89	26.636	0
"2015-03-14	18:00:00"	10.957	34.614	65.442	19.977	438.05	26.63	0
"2015-03-14	19:00:00"	9.269	28.858	64.248	20.835	191.02	26.636	0
"2015-03-14	20:00:00"	7.8342	53.128	62.487	19.91	65.324	26.642	0
"2015-03-14	21:00:00"	4.3502	47.396	55.727	24.136	0.53058	26.648	0
"2015-03-14	22:00:00"	3.7711	24.724	48.036	34.028	0.06889	26.666	0
"2015-03-14	23:00:00"	4.4465	22.646	45.622	38.535	0.08479	26.683	0
"2015-03-15	00:00:00"	5.1443	19.447	44.656	38.87	0.09984	26.698	0
"2015-03-15	01:00:00"	4.8976	19.854	42.544	41.665	0.08161	26.695	0
"2015-03-15	02:00:00"	5.0896	19.732	41.22	43.412	0.09815	26.695	0
"2015-03-15	03:00:00"	4.0433	38.892	41.177	41.569	0.08946	26.692	0
"2015-03-15	04:00:00"	5.5147	26.805	40.151	42.053	0.07843	26.689	0
"2015-03-15	05:00:00"	4.6528	26.569	38.878	43.404	0.10069	26.683	0
"2015-03-15	06:00:00"	4.6677	358.62	37.222	46.142	0.09348	26.692	0
"2015-03-15	07:00:00"	3.6207	344.04	36.227	48.266	0.10641	26.698	0
"2015-03-15	08:00:00"	5.5022	336.61	35.047	52.473	0.43286	26.704	0
"2015-03-15	09:00:00"	3.128	331.9	36.656	51.141	70.405	26.736	0
"2015-03-15	10:00:00"	3.0795	2.5793	47.693	36.252	270.83	26.763	0
"2015-03-15	11:00:00"	2.0008	108.49	56.032	26.937	502.33	26.763	0
"2015-03-15	12:00:00"	2.6862	132.8	59.24	21.954	700.78	26.766	0
"2015-03-15	13:00:00"	4.2893	112.31	61.289	18.05	845.26	26.757	0
"2015-03-15	14:00:00"	5.419	136.47	62.473	16.668	924.93	26.728	0
"2015-03-15	15:00:00"	4.1619	122.19	63.757	15.254	927.81	26.698	0
"2015-03-15	16:00:00"	4.884	123.75	64.946	14.226	861.13	26.672	0
"2015-03-15	17:00:00"	4.8523	114.19	66.157	13.268	698.14	26.654	0
"2015-03-15	18:00:00"	5.5227	140.26	66.714	13.974	551.66	26.651	0

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"2015-03-15	19:00:00"	6.9239	129.33	66.273	15.591	291.86	26.66	0
"2015-03-15	20:00:00"	6.973	123.08	65.305	17.331	136.07	26.663	0
"2015-03-15	21:00:00"	7.9281	131.07	60.93	22.544	1.7361	26.677	0
"2015-03-15	22:00:00"	7.4459	124.88	58.205	27.612	0.10302	26.689	0
"2015-03-15	23:00:00"	5.3836	151.79	56.204	30.495	0.06232	26.692	0
"2015-03-16	00:00:00"	6.4243	141.47	55.43	31.553	0.07758	26.689	0
"2015-03-16	01:00:00"	6.7629	151.2	54.948	30.764	0.09872	26.677	0
"2015-03-16	02:00:00"	4.6901	164.38	53.112	34.97	0.09009	26.666	0
"2015-03-16	03:00:00"	4.1998	201.29	52.531	37.559	0.08055	26.66	0
"2015-03-16	04:00:00"	3.7077	185.92	51.717	41.042	0.09369	26.654	0
"2015-03-16	05:00:00"	3.3032	220.92	50.673	43.705	0.10451	26.639	0
"2015-03-16	06:00:00"	2.826	229.81	50.837	43.331	0.08946	26.63	0
"2015-03-16	07:00:00"	3.6611	197.38	50.874	43.43	0.08204	26.636	0
"2015-03-16	08:00:00"	1.8654	175.17	49.078	47.52	0.28172	26.642	0
"2015-03-16	09:00:00"	1.4372	165.93	48.475	51.605	51.51	26.657	0
"2015-03-16	10:00:00"	6.5256	160.79	54.635	49.11	262.88	26.666	0
"2015-03-16	11:00:00"	11.589	174.93	60.497	40.114	465.45	26.663	0
"2015-03-16	12:00:00"	8.4506	164.7	63.116	33.546	598.29	26.66	0
"2015-03-16	13:00:00"	8.6103	166.94	65.715	30.45	786.44	26.645	0
"2015-03-16	14:00:00"	9.1696	167.56	68.154	27.89	878.12	26.618	0
"2015-03-16	15:00:00"	10.4	171.53	69.976	29.542	886.54	26.589	0
"2015-03-16	16:00:00"	11.69	169.68	71.3	30.803	817.81	26.574	0
"2015-03-16	17:00:00"	12.119	180.34	72.378	31.613	683.61	26.568	0
"2015-03-16	18:00:00"	11.285	186.14	71.993	34.671	500.11	26.553	0
"2015-03-16	19:00:00"	11.228	182.49	71.395	36.666	279.49	26.542	0
"2015-03-16	20:00:00"	8.5985	164.73	69.574	39.363	48.214	26.533	0
"2015-03-16	21:00:00"	8.9279	149.85	65.387	45.538	0.49116	26.542	0
"2015-03-16	22:00:00"	9.0117	153.7	62.484	51.425	0.07631	26.556	0
"2015-03-16	23:00:00"	5.9397	150.6	59.634	57.036	0.09264	26.556	0
"2015-03-17	00:00:00"	3.2448	156.51	57.605	61.861	0.06699	26.547	0
"2015-03-17	01:00:00"	3.1907	163.94	56.18	65.789	0.08352	26.55	0
"2015-03-17	02:00:00"	5.2848	170.15	55.599	68.705	0.07059	26.547	0
"2015-03-17	03:00:00"	8.8452	180.19	56.963	68.261	0.07356	26.556	0
"2015-03-17	04:00:00"	8.8744	193.24	57.649	67.984	0.08967	26.539	0
"2015-03-17	05:00:00"	6.704	195.95	57.317	69.964	0.08564	26.521	0
"2015-03-17	06:00:00"	4.6907	186.21	56.161	73.33	0.06699	26.521	0
"2015-03-17	07:00:00"	2.9298	160.79	53.704	78.761	0.07313	26.524	0
"2015-03-17	08:00:00"	2.3283	177.5	52.015	82.607	0.30737	26.533	0
"2015-03-17	09:00:00"	1.6398	107.16	52.195	83.271	38.417	26.536	0
"2015-03-17	10:00:00"	2.9565	176.9	55.368	77.487	65.293	26.559	0
"2015-03-17	11:00:00"	7.0973	46.676	55.022	82.768	58.171	26.595	0.04
"2015-03-17	12:00:00"	8.5954	63.989	56.025	84.752	134.39	26.598	0.03
"2015-03-17	13:00:00"	16.313	35.064	55.19	70.102	324.07	26.583	0.01
"2015-03-17	14:00:00"	16.523	36.104	52.356	67.064	147.15	26.598	0
"2015-03-17	15:00:00"	14.103	32.326	48.918	74.165	84.23	26.574	0.01
"2015-03-17	16:00:00"	14.837	26.742	48.886	72.469	102.5	26.556	0
"2015-03-17	17:00:00"	15.705	30.689	50.042	65.742	120.47	26.55	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-17	18:00:00"	13.061	43.218	50.278	64.621	68.858	26.55	0
"2015-03-17	19:00:00"	12.795	47.685	49.719	66.899	59.924	26.547	0
"2015-03-17	20:00:00"	11.94	42.129	48.879	69.553	14.043	26.547	0
"2015-03-17	21:00:00"	8.3842	27.295	48.51	68.662	0.12613	26.559	0
"2015-03-17	22:00:00"	8.7321	25.936	48.618	64.829	0.07822	26.58	0
"2015-03-17	23:00:00"	7.7839	17.126	48.067	65.675	0.08267	26.601	0
"2015-03-18	00:00:00"	6.6083	40.725	46.133	75.911	0.09009	26.583	0
"2015-03-18	01:00:00"	8.0592	32.478	44.447	82.469	0.0814	26.565	0
"2015-03-18	02:00:00"	7.1768	5.2724	43.683	86.143	0.08225	26.55	0
"2015-03-18	03:00:00"	7.0072	5.5363	43.329	86.961	0.10366	26.547	0
"2015-03-18	04:00:00"	5.752	6.9347	43.52	86.428	0.09645	26.539	0
"2015-03-18	05:00:00"	6.0211	350.26	43.415	86.032	0.10557	26.518	0
"2015-03-18	06:00:00"	5.0182	357.7	43.339	86.29	0.11129	26.509	0
"2015-03-18	07:00:00"	3.8612	47.718	43.306	85.627	0.09645	26.512	0
"2015-03-18	08:00:00"	3.7966	43.611	43.336	85.347	0.23212	26.518	0
"2015-03-18	09:00:00"	3.7705	96.341	43.592	83.584	39.249	26.509	0
"2015-03-18	10:00:00"	2.2015	149.57	44.93	79.37	196.35	26.515	0
"2015-03-18	11:00:00"	4.9623	212.38	46.667	77.518	242.31	26.512	0
"2015-03-18	12:00:00"	6.2963	208.61	49.256	73.945	507.3	26.512	0
"2015-03-18	13:00:00"	7.3216	211.57	51.695	68.748	736.15	26.483	0
"2015-03-18	14:00:00"	9.7599	206.99	52.875	67.69	591.34	26.453	0
"2015-03-18	15:00:00"	9.3771	206.48	54.15	65.793	674.88	26.418	0
"2015-03-18	16:00:00"	9.9189	214.31	54.553	66.485	447.56	26.403	0
"2015-03-18	17:00:00"	8.8042	210.51	56.33	63.896	627.19	26.376	0
"2015-03-18	18:00:00"	9.4983	210.63	59.224	60.524	474.41	26.356	0
"2015-03-18	19:00:00"	8.4053	214.02	60.275	61.104	272.37	26.353	0
"2015-03-18	20:00:00"	7.1961	194.79	60.085	63.352	91.052	26.356	0
"2015-03-18	21:00:00"	4.9181	171.8	56.533	72.014	0.62958	26.358	0
"2015-03-18	22:00:00"	5.3929	162.06	54.958	75.902	0.07271	26.37	0
"2015-03-18	23:00:00"	5.0865	171	53.961	79.047	0.07949	26.367	0
"2015-03-19	00:00:00"	7.2781	183.58	53.833	80.482	0.09285	26.373	0
"2015-03-19	01:00:00"	6.1596	223.97	52.993	82.684	0.09899	26.364	0
"2015-03-19	02:00:00"	6.3883	219.21	52.905	84.167	0.08946	26.361	0
"2015-03-19	03:00:00"	5.0294	212.89	52.68	86.356	0.10387	26.35	0
"2015-03-19	04:00:00"	6.6605	221.89	53.082	85.982	0.06593	26.347	0
"2015-03-19	05:00:00"	2.5072	214.33	51.539	88.065	0.08225	26.335	0
"2015-03-19	06:00:00"	2.8571	228.31	49.767	90.866	0.07716	26.341	0
"2015-03-19	07:00:00"	5.4233	194.87	50.226	91.881	0.08734	26.347	0
"2015-03-19	08:00:00"	5.5811	187.81	50.506	91.125	1.0938	26.356	0
"2015-03-19	09:00:00"	6.1441	206.44	51.126	89.062	52.508	26.373	0
"2015-03-19	10:00:00"	5.8657	208.14	52.534	86.324	96.383	26.406	0
"2015-03-19	11:00:00"	6.328	219.46	55.098	81.435	183.6	26.415	0
"2015-03-19	12:00:00"	7.8728	223.39	61.862	63.945	681.31	26.415	0
"2015-03-19	13:00:00"	9.3653	255.69	67.773	47.281	784.24	26.412	0
"2015-03-19	14:00:00"	10.124	265.81	71.239	40.009	892.44	26.394	0
"2015-03-19	15:00:00"	9.9817	245.39	71.477	36.774	819.61	26.382	0
"2015-03-19	16:00:00"	10.883	231.96	72.98	33.458	809.38	26.364	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-19	17:00:00"	10.786	227.19	73.224	32.482	595.88	26.361	0
"2015-03-19	18:00:00"	10.039	226.5	73.562	31.962	538.34	26.35	0
"2015-03-19	19:00:00"	10.246	223.97	73.477	30.218	309.43	26.356	0
"2015-03-19	20:00:00"	8.3183	210.68	71.85	30.522	89.612	26.373	0
"2015-03-19	21:00:00"	7.7827	217.42	69.235	33.216	1.4408	26.394	0
"2015-03-19	22:00:00"	5.4556	185.45	65.093	42.253	0.09306	26.426	0
"2015-03-19	23:00:00"	2.7502	215.97	61.573	58.717	0.09815	26.45	0
"2015-03-20	00:00:00"	9.7356	1.399	58.767	70.032	0.07907	26.485	0
"2015-03-20	01:00:00"	17.288	23.497	52.976	82.223	0.09772	26.512	0
"2015-03-20	02:00:00"	15.818	31.197	49.248	86.957	0.08882	26.53	0
"2015-03-20	03:00:00"	14.726	37.466	47.763	87.761	0.08649	26.545	0
"2015-03-20	04:00:00"	13.905	39.444	46.632	88.38	0.07525	26.536	0
"2015-03-20	05:00:00"	12.499	35.406	45.688	88.013	0.06953	26.539	0
"2015-03-20	06:00:00"	12.926	17.524	45.503	85.521	0.07928	26.562	0
"2015-03-20	07:00:00"	10.737	33.606	45.994	82.033	0.07886	26.577	0
"2015-03-20	08:00:00"	10.279	20.94	45.986	81.854	0.092	26.598	0
"2015-03-20	09:00:00"	9.7443	27.055	45.913	83.157	6.8539	26.627	0
"2015-03-20	10:00:00"	7.0389	45.456	46.029	86.717	24.88	26.642	0.01
"2015-03-20	11:00:00"	10.155	26.258	45.909	87.121	85.932	26.648	0
"2015-03-20	12:00:00"	12.171	21.763	46.191	85.765	166.08	26.66	0
"2015-03-20	13:00:00"	11.565	23.57	48.297	79.689	242.06	26.657	0
"2015-03-20	14:00:00"	9.9407	26.829	50.468	74.06	391.56	26.639	0
"2015-03-20	15:00:00"	7.5105	30.359	53.554	67.262	439.21	26.621	0
"2015-03-20	16:00:00"	4.6006	43.354	56.423	60.861	538.43	26.612	0
"2015-03-20	17:00:00"	3.6015	140.05	57.706	59.284	346.24	26.598	0
"2015-03-20	18:00:00"	4.4807	155.51	58.471	58.476	299.44	26.589	0
"2015-03-20	19:00:00"	4.2471	100.24	59.126	57.213	211.86	26.583	0
"2015-03-20	20:00:00"	5.7371	107.08	57.959	61.454	56.908	26.577	0
"2015-03-20	21:00:00"	5.2089	152.98	53.975	73.008	1.2263	26.589	0
"2015-03-20	22:00:00"	3.4287	195.56	52.407	77.468	0.09497	26.601	0
"2015-03-20	23:00:00"	2.877	230.29	51.619	79.885	0.08288	26.609	0
"2015-03-21	00:00:00"	1.1551	309.53	50.51	82.096	0.08988	26.601	0
"2015-03-21	01:00:00"	1.9306	199.61	50.434	83.298	0.08119	26.604	0
"2015-03-21	02:00:00"	1.7976	287.75	49.416	84.31	0.09136	26.589	0
"2015-03-21	03:00:00"	3.0534	213.57	48.73	86.549	0.09242	26.586	0
"2015-03-21	04:00:00"	3.361	184.84	48.691	88.535	0.11235	26.562	0
"2015-03-21	05:00:00"	2.4942	199.71	48.362	89.509	0.0867	26.539	0
"2015-03-21	06:00:00"	1.5994	203.4	47.732	90.611	0.07313	26.536	0
"2015-03-21	07:00:00"	1.6783	79.935	47.729	91.041	0.09052	26.542	0
"2015-03-21	08:00:00"	2.0903	197	47.953	91.161	0.16471	26.556	0
"2015-03-21	09:00:00"	2.1319	312.76	47.981	91.062	17.516	26.574	0
"2015-03-21	10:00:00"	2.0443	311.33	49.453	89.778	41.638	26.595	0
"2015-03-21	11:00:00"	3.1852	303.46	50.278	88.88	57.468	26.607	0.01
"2015-03-21	12:00:00"	4.9803	3.28	51.028	88.74	139.94	26.586	0.05
"2015-03-21	13:00:00"	7.7957	58.756	52.425	84.872	255.58	26.565	0.01
"2015-03-21	14:00:00"	8.5855	72.979	53.417	79.961	243.53	26.536	0
"2015-03-21	15:00:00"	7.8796	75.462	54.202	78.32	198.27	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-21	16:00:00"	5.6029	56.734	54.683	79.289	164.06	26.488	0
"2015-03-21	17:00:00"	4.6615	28.781	54.052	84.075	93.238	26.48	0.02
"2015-03-21	18:00:00"	5.2754	7.7708	53.892	84.219	58.346	26.477	0
"2015-03-21	19:00:00"	3.3113	357.22	53.807	84.929	41.738	26.485	0.01
"2015-03-21	20:00:00"	3.4113	77.162	53.229	87.249	18.462	26.483	0.04
"2015-03-21	21:00:00"	1.6274	137.33	52.788	89.177	0.23551	26.483	0
"2015-03-21	22:00:00"	2.0735	60.164	51.249	90.845	0.0903	26.491	0
"2015-03-21	23:00:00"	4.2769	147.07	51.027	91.684	0.08903	26.506	0
"2015-03-22	00:00:00"	2.5886	179.96	51.042	91.68	0.10366	26.509	0.01
"2015-03-22	01:00:00"	2.1033	250.84	50.882	91.947	0.05681	26.509	0
"2015-03-22	02:00:00"	4.1862	239.32	51.29	91.616	0.08013	26.506	0
"2015-03-22	03:00:00"	5.1841	224.27	51.51	87.502	0.08352	26.497	0
"2015-03-22	04:00:00"	3.8171	202.15	51.236	86.956	0.09624	26.483	0
"2015-03-22	05:00:00"	4.8374	198.33	50.323	88.702	0.0708	26.465	0
"2015-03-22	06:00:00"	4.8554	204.21	48.996	90.308	0.09327	26.459	0
"2015-03-22	07:00:00"	2.7856	225.98	45.69	91.66	0.08204	26.459	0
"2015-03-22	08:00:00"	2.0729	228.34	45.288	92.677	0.81294	26.459	0
"2015-03-22	09:00:00"	2.977	236.11	45.086	92.764	67.668	26.474	0
"2015-03-22	10:00:00"	3.8562	218.95	47.946	92.599	272.73	26.488	0
"2015-03-22	11:00:00"	3.4983	241.18	52.989	84.935	509.68	26.5	0
"2015-03-22	12:00:00"	4.961	252.56	60.464	68.247	715.35	26.494	0
"2015-03-22	13:00:00"	7.4515	299.79	67.909	45.043	863.89	26.488	0
"2015-03-22	14:00:00"	7.6118	301.44	72.459	33.371	937.45	26.477	0
"2015-03-22	15:00:00"	7.7702	306.85	76.34	22.95	947.44	26.456	0
"2015-03-22	16:00:00"	7.6988	288.47	78.379	18.005	875.55	26.447	0
"2015-03-22	17:00:00"	8.0977	293.95	79.669	15.388	738.36	26.438	0
"2015-03-22	18:00:00"	8.3139	312.21	79.976	12.856	550.2	26.432	0
"2015-03-22	19:00:00"	8.578	311.1	79.714	11.901	324.93	26.435	0
"2015-03-22	20:00:00"	5.6383	324.91	76.721	12.624	102.32	26.438	0
"2015-03-22	21:00:00"	2.1388	272.7	70.921	15.817	1.1697	26.456	0
"2015-03-22	22:00:00"	3.1075	230.55	65.703	27.117	0.07992	26.48	0
"2015-03-22	23:00:00"	2.972	224.09	64.27	36.268	0.08946	26.485	0
"2015-03-23	00:00:00"	3.612	213.23	62.882	40.089	0.07864	26.488	0
"2015-03-23	01:00:00"	3.4815	172.97	59.443	48.045	0.09115	26.485	0
"2015-03-23	02:00:00"	4.3005	178.75	57.239	52.392	0.08564	26.485	0
"2015-03-23	03:00:00"	3.5679	225.1	57.021	52.919	0.07928	26.48	0
"2015-03-23	04:00:00"	3.0348	224.15	56.153	53.233	0.0708	26.474	0
"2015-03-23	05:00:00"	2.1468	279.07	51.828	62.81	0.07398	26.465	0
"2015-03-23	06:00:00"	4.623	226.43	53.269	60.815	0.08946	26.465	0
"2015-03-23	07:00:00"	3.1336	254.91	51.541	62.067	0.0744	26.468	0
"2015-03-23	08:00:00"	3.9979	241.14	53.005	53.602	2.1787	26.48	0
"2015-03-23	09:00:00"	4.2769	235.43	52.126	56.143	96.082	26.494	0
"2015-03-23	10:00:00"	3.8556	229.62	57.335	49.352	306.84	26.503	0
"2015-03-23	11:00:00"	6.2491	223.52	66.176	33.675	537.45	26.506	0
"2015-03-23	12:00:00"	8.4767	224.4	72.588	27.29	734.41	26.509	0
"2015-03-23	13:00:00"	9.3864	233.12	77.627	19.497	877.46	26.491	0
"2015-03-23	14:00:00"	9.466	228.87	79.944	16.849	956.32	26.468	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-23	15:00:00"	11.736	238.83	81.638	14.533	962.8	26.444	0
"2015-03-23	16:00:00"	14.909	224.7	81.799	13.657	863	26.415	0
"2015-03-23	17:00:00"	12.6	230.2	82.089	12.421	695.67	26.4	0
"2015-03-23	18:00:00"	11.407	237.13	81.884	13.228	474.81	26.388	0
"2015-03-23	19:00:00"	11.427	235.07	80.975	14.549	303.55	26.385	0
"2015-03-23	20:00:00"	12.074	221.44	78.852	16.491	99.939	26.382	0
"2015-03-23	21:00:00"	6.9494	195.44	72.837	22.158	0.80446	26.385	0
"2015-03-23	22:00:00"	5.0971	212.32	68.351	26.641	0.08013	26.394	0
"2015-03-23	23:00:00"	8.9515	214.95	67.111	28.941	0.08288	26.397	0
"2015-03-24	00:00:00"	5.6091	200.45	65.436	30.853	0.07928	26.4	0
"2015-03-24	01:00:00"	5.1437	201.52	63.649	34.116	0.09597	26.391	0
"2015-03-24	02:00:00"	6.8525	184.93	61.144	38.118	0.07525	26.385	0
"2015-03-24	03:00:00"	6.9792	193.88	59.048	46.386	0.08437	26.382	0
"2015-03-24	04:00:00"	3.9637	231.22	55.089	56.478	0.09264	26.37	0
"2015-03-24	05:00:00"	5.1512	221.74	53.707	61.226	0.06911	26.367	0
"2015-03-24	06:00:00"	1.9343	242.61	51.251	67.233	0.06995	26.37	0
"2015-03-24	07:00:00"	3.7369	209.66	52.568	59.783	0.08734	26.382	0
"2015-03-24	08:00:00"	2.5532	272.42	49.132	59.16	2.3335	26.397	0
"2015-03-24	09:00:00"	4.303	288.93	50.414	56.208	97.647	26.42	0
"2015-03-24	10:00:00"	10.168	316.55	62.8	29.887	319.41	26.453	0
"2015-03-24	11:00:00"	11.022	315.46	71.023	19.309	555.47	26.462	0
"2015-03-24	12:00:00"	13.418	338.12	74.733	14.541	754.69	26.456	0
"2015-03-24	13:00:00"	9.5113	327.36	77.191	11.878	901.34	26.444	0
"2015-03-24	14:00:00"	7.6099	307.65	78.702	10.716	976.6	26.429	0
"2015-03-24	15:00:00"	6.3193	303.35	79.59	9.8144	977.08	26.409	0
"2015-03-24	16:00:00"	6.0789	299.47	80.69	9.2506	903.07	26.391	0
"2015-03-24	17:00:00"	5.606	249.58	81.27	8.6242	764.01	26.379	0
"2015-03-24	18:00:00"	6.1155	214.94	81.231	8.712	565.13	26.361	0
"2015-03-24	19:00:00"	8.1859	191.15	79.899	10.108	332.65	26.356	0
"2015-03-24	20:00:00"	8.8433	189.24	77.215	12.493	106.74	26.358	0
"2015-03-24	21:00:00"	5.565	183.91	71.221	16.885	1.4353	26.361	0
"2015-03-24	22:00:00"	2.2804	189.3	66.744	20.023	0.06847	26.37	0
"2015-03-24	23:00:00"	3.7525	188.65	66.33	18.791	0.07059	26.376	0
"2015-03-25	00:00:00"	2.1872	165.57	63.212	22.489	0.06974	26.373	0
"2015-03-25	01:00:00"	3.3268	190.31	61.619	24.761	0.08458	26.367	0
"2015-03-25	02:00:00"	4.0737	183.24	59.622	29.036	0.06805	26.364	0
"2015-03-25	03:00:00"	5.2593	186.76	58.841	33.822	0.06381	26.353	0
"2015-03-25	04:00:00"	2.4215	183.1	55.908	46.413	0.0814	26.332	0
"2015-03-25	05:00:00"	5.7732	200.9	56.295	61.558	0.07843	26.32	0
"2015-03-25	06:00:00"	3.5493	235.37	54.228	62.828	0.07864	26.32	0
"2015-03-25	07:00:00"	3.7866	198.57	53.689	67.554	0.09348	26.326	0
"2015-03-25	08:00:00"	3.4238	209.19	52.324	71.228	2.8564	26.344	0
"2015-03-25	09:00:00"	5.8216	205.89	53.054	75.072	102.68	26.35	0
"2015-03-25	10:00:00"	5.9465	208.51	57.308	60.291	319.92	26.367	0
"2015-03-25	11:00:00"	6.7139	251.63	67.424	30.628	554.96	26.376	0
"2015-03-25	12:00:00"	11.791	288.11	75.628	14.893	757.19	26.376	0
"2015-03-25	13:00:00"	11.912	278.75	77.524	13.304	896.92	26.358	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-25	14:00:00"	12.797	265.42	79.588	11.551	995.75	26.347	0
"2015-03-25	15:00:00"	13.838	265.8	81.046	10.126	1028.3	26.326	0
"2015-03-25	16:00:00"	13.802	259.88	80.094	10.106	691.88	26.311	0
"2015-03-25	17:00:00"	13.727	250.58	78.688	10.623	497.69	26.308	0
"2015-03-25	18:00:00"	12.194	247.53	77.818	11.142	305.34	26.305	0
"2015-03-25	19:00:00"	11.969	252.84	77.778	10.86	276.03	26.305	0
"2015-03-25	20:00:00"	8.45	262.76	75.133	12.056	48.316	26.32	0
"2015-03-25	21:00:00"	3.4778	276.25	70.378	15.662	2.5647	26.353	0
"2015-03-25	22:00:00"	11.054	344.89	65.638	22.898	0.06889	26.429	0
"2015-03-25	23:00:00"	24.183	21.7	59.073	35.694	0.08437	26.477	0
"2015-03-26	00:00:00"	27.2	26.552	51.858	47.603	0.08734	26.518	0
"2015-03-26	01:00:00"	27.042	23.736	47.674	55.43	0.08988	26.547	0
"2015-03-26	02:00:00"	21.535	24.991	45.737	59.793	0.08861	26.589	0
"2015-03-26	03:00:00"	15.539	16.873	43.729	64.782	0.085	26.621	0
"2015-03-26	04:00:00"	14.766	14.257	42.269	68.69	0.09539	26.618	0
"2015-03-26	05:00:00"	11.663	10.555	41.257	71.503	0.10302	26.642	0
"2015-03-26	06:00:00"	8.7694	358.29	41.032	71.941	0.09687	26.642	0
"2015-03-26	07:00:00"	7.0383	342.91	39.05	75.577	0.11256	26.663	0
"2015-03-26	08:00:00"	7.7454	344.14	37.772	79.156	3.4288	26.692	0
"2015-03-26	09:00:00"	9.9432	343.83	38.654	73.367	105.9	26.713	0
"2015-03-26	10:00:00"	12.868	355.66	41.739	62.091	321.59	26.725	0
"2015-03-26	11:00:00"	11.996	4.8029	44.585	49.681	556.31	26.731	0
"2015-03-26	12:00:00"	9.5331	10.6	47.766	38.861	759.39	26.734	0
"2015-03-26	13:00:00"	8.4817	356.89	50.511	33.879	907.26	26.716	0
"2015-03-26	14:00:00"	6.7866	14.791	53.567	27.172	985.44	26.695	0
"2015-03-26	15:00:00"	6.1074	7.688	56.393	23.08	986.13	26.669	0
"2015-03-26	16:00:00"	7.6702	338.39	58.999	19.2	913.79	26.636	0
"2015-03-26	17:00:00"	6.3684	327.26	60.923	16.794	771.01	26.612	0
"2015-03-26	18:00:00"	6.1882	313.15	62.033	15.808	574.27	26.598	0
"2015-03-26	19:00:00"	5.2711	298.29	62.486	15.773	341.48	26.595	0
"2015-03-26	20:00:00"	3.5132	289.67	61.825	15.863	114.96	26.601	0
"2015-03-26	21:00:00"	1.6404	245.36	57.846	18.741	1.776	26.612	0
"2015-03-26	22:00:00"	3.6071	205.9	56.623	19.325	0.05575	26.63	0
"2015-03-26	23:00:00"	4.8492	191.56	52.956	25.012	0.08098	26.636	0
"2015-03-27	00:00:00"	5.5805	193.63	50.313	29.941	0.09264	26.636	0
"2015-03-27	01:00:00"	3.4019	216.7	48.251	34.701	0.09745	26.627	0
"2015-03-27	02:00:00"	5.7402	217.87	47.622	37.282	0.08967	26.615	0
"2015-03-27	03:00:00"	5.7974	216.92	46.885	38.964	0.09348	26.604	0
"2015-03-27	04:00:00"	4.7796	215.27	47	38.83	0.08098	26.598	0
"2015-03-27	05:00:00"	2.483	238.38	43.145	46.879	0.08373	26.595	0
"2015-03-27	06:00:00"	4.71	213.25	44.319	45.149	0.09539	26.592	0
"2015-03-27	07:00:00"	6.1031	224.98	45.174	44.941	0.10472	26.592	0
"2015-03-27	08:00:00"	6.0441	224.36	45.006	47.525	4.2023	26.598	0
"2015-03-27	09:00:00"	3.7152	240.32	43.204	52.286	112.76	26.604	0
"2015-03-27	10:00:00"	6.7046	227.89	51.597	41.68	328.97	26.615	0
"2015-03-27	11:00:00"	8.4258	222.02	59.869	31.475	560.69	26.624	0
"2015-03-27	12:00:00"	8.606	227.59	65.789	25.484	758.68	26.627	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-27	13:00:00"	7.2719	254.26	71.341	19.042	899.28	26.612	0
"2015-03-27	14:00:00"	6.1441	278.88	74.575	14.208	973.5	26.589	0
"2015-03-27	15:00:00"	7.234	267.75	76.596	12.415	976.43	26.565	0
"2015-03-27	16:00:00"	8.1039	272.93	77.949	11.656	903.17	26.539	0
"2015-03-27	17:00:00"	7.9144	282.31	78.429	11.226	761.9	26.518	0
"2015-03-27	18:00:00"	6.7624	264.18	79.125	11.386	564.77	26.506	0
"2015-03-27	19:00:00"	6.8978	225.95	78.241	11.566	335.91	26.503	0
"2015-03-27	20:00:00"	8.7731	220.33	75.669	12.952	112.18	26.503	0
"2015-03-27	21:00:00"	4.6093	188.75	70.61	16.287	1.9261	26.509	0
"2015-03-27	22:00:00"	3.6953	181.55	67.123	19.939	0.08288	26.524	0
"2015-03-27	23:00:00"	3.4716	168.17	62.954	25.806	0.09645	26.53	0
"2015-03-28	00:00:00"	5.9639	167.59	61.01	27.263	0.07695	26.527	0
"2015-03-28	01:00:00"	6.3697	167.86	59.408	29.601	0.08055	26.533	0
"2015-03-28	02:00:00"	7.8703	191.72	56.53	36.142	0.08098	26.524	0
"2015-03-28	03:00:00"	8.0735	193.45	54.333	43.475	0.08013	26.506	0
"2015-03-28	04:00:00"	8.8552	199.25	53.378	47.109	0.07843	26.491	0
"2015-03-28	05:00:00"	5.1443	223.34	51.155	51.555	0.07737	26.483	0
"2015-03-28	06:00:00"	4.3378	233.14	49.29	55.986	0.08331	26.485	0
"2015-03-28	07:00:00"	3.0497	238.43	48.324	59.318	0.08988	26.483	0
"2015-03-28	08:00:00"	4.5242	232.9	48.169	59.578	5.0379	26.494	0
"2015-03-28	09:00:00"	3.9457	232.23	48.79	58.936	117.9	26.503	0
"2015-03-28	10:00:00"	5.9807	224.75	55.611	46.145	338.64	26.512	0
"2015-03-28	11:00:00"	6.6406	223.39	65.967	30.69	573	26.518	0
"2015-03-28	12:00:00"	7.902	275.22	75.483	16.572	772.99	26.509	0
"2015-03-28	13:00:00"	9.9848	302.95	80.897	12.624	918.44	26.494	0
"2015-03-28	14:00:00"	10.571	305.5	83.436	11.169	992.68	26.474	0
"2015-03-28	15:00:00"	11.034	286.32	85.271	10.173	991.14	26.456	0
"2015-03-28	16:00:00"	11.075	285.25	85.975	8.6081	921.18	26.429	0
"2015-03-28	17:00:00"	10.707	290.24	86.267	7.762	779.49	26.415	0
"2015-03-28	18:00:00"	10.293	304.76	86.239	6.9578	583.86	26.412	0
"2015-03-28	19:00:00"	9.9481	322.99	85.256	7.4075	349.76	26.42	0
"2015-03-28	20:00:00"	7.6777	327.71	82.337	8.3611	120.73	26.426	0
"2015-03-28	21:00:00"	2.4718	341.25	71.198	14.125	1.9733	26.432	0
"2015-03-28	22:00:00"	1.2552	349.42	66.696	16.974	0.07822	26.444	0
"2015-03-28	23:00:00"	0.94449	351.4	66.226	15.962	0.07864	26.45	0
"2015-03-29	00:00:00"	3.0192	254.73	65.852	17.596	0.07017	26.459	0
"2015-03-29	01:00:00"	2.5377	216.45	65.84	18.279	0.09857	26.459	0
"2015-03-29	02:00:00"	6.0142	182.92	61.123	29.668	0.09285	26.45	0
"2015-03-29	03:00:00"	6.5934	181.84	59.784	41.566	0.07229	26.444	0
"2015-03-29	04:00:00"	6.4865	191.26	59	42.636	0.08479	26.426	0
"2015-03-29	05:00:00"	6.1454	207.47	58.083	43.506	0.09052	26.42	0
"2015-03-29	06:00:00"	5.1568	224.39	56.752	44.927	0.09497	26.426	0
"2015-03-29	07:00:00"	3.0957	246.38	52.722	53.15	0.09306	26.441	0
"2015-03-29	08:00:00"	2.0741	280.72	47.376	61.958	5.9119	26.465	0
"2015-03-29	09:00:00"	5.3109	310.85	52.704	53.139	124.36	26.485	0
"2015-03-29	10:00:00"	12.335	322.11	66.936	21.884	350.12	26.503	0
"2015-03-29	11:00:00"	15.016	324	76.926	13.235	586.53	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-29	12:00:00"	15.014	326.48	83.002	10.842	786.44	26.524	0
"2015-03-29	13:00:00"	17.091	346.82	84.363	10.34	921.18	26.53	0
"2015-03-29	14:00:00"	15.065	4.6514	83.751	11.65	993.46	26.527	0
"2015-03-29	15:00:00"	14.344	23.471	84.478	12.315	988.03	26.512	0
"2015-03-29	16:00:00"	12.676	38.477	84.772	11.88	898.87	26.506	0
"2015-03-29	17:00:00"	10.212	33.33	84.939	11.116	756.03	26.497	0
"2015-03-29	18:00:00"	10.901	47.581	84.787	10.982	551.7	26.497	0
"2015-03-29	19:00:00"	12.673	56.598	83.057	12.142	313.71	26.509	0
"2015-03-29	20:00:00"	13.125	60.186	79.237	13.635	92.106	26.53	0
"2015-03-29	21:00:00"	12.054	67.453	73.787	17.155	1.1241	26.547	0
"2015-03-29	22:00:00"	14.36	74.275	70.033	20.986	0.0761	26.571	0
"2015-03-29	23:00:00"	14.013	72.792	66.579	24.432	0.07462	26.577	0
"2015-03-30	00:00:00"	14.113	75.433	64.36	27.036	0.10048	26.58	0
"2015-03-30	01:00:00"	12.257	83.498	62.494	30.542	0.0797	26.586	0
"2015-03-30	02:00:00"	11.644	95.413	60.894	36.094	0.08628	26.592	0
"2015-03-30	03:00:00"	8.519	105.8	59.276	40.065	0.08797	26.604	0
"2015-03-30	04:00:00"	4.2632	57.815	56.434	44.047	0.09603	26.612	0
"2015-03-30	05:00:00"	3.1752	328.49	50.99	53.307	0.07101	26.607	0
"2015-03-30	06:00:00"	3.5779	359.89	50.595	54.686	0.08373	26.604	0
"2015-03-30	07:00:00"	4.6882	8.7469	51.125	54.588	0.09115	26.609	0
"2015-03-30	08:00:00"	6.2914	31.313	52.401	53.19	1.9684	26.63	0
"2015-03-30	09:00:00"	7.3576	49.815	53.635	51.045	54.216	26.636	0
"2015-03-30	10:00:00"	9.4082	72.646	57.029	44.203	178.8	26.639	0
"2015-03-30	11:00:00"	10.322	104.09	60.126	40.755	374.07	26.648	0
"2015-03-30	12:00:00"	9.2733	115.31	63.88	40.098	509.25	26.645	0
"2015-03-30	13:00:00"	8.6128	146.29	66.911	40.401	633.97	26.63	0
"2015-03-30	14:00:00"	8.5407	177.88	68.977	41.494	557.47	26.609	0
"2015-03-30	15:00:00"	8.2332	175.49	71.002	41.117	633.31	26.586	0
"2015-03-30	16:00:00"	8.7738	183.45	72.479	40.723	670.72	26.553	0
"2015-03-30	17:00:00"	10.771	175.02	73.959	37.925	509.48	26.524	0
"2015-03-30	18:00:00"	10.936	164.16	74.552	36.986	270.06	26.5	0
"2015-03-30	19:00:00"	10.041	175.79	74.306	39.07	145.92	26.494	0
"2015-03-30	20:00:00"	6.9842	170.24	73.382	42.159	50.66	26.494	0
"2015-03-30	21:00:00"	4.3999	188.02	70.828	45.789	2.9162	26.497	0
"2015-03-30	22:00:00"	3.3132	207.68	68.193	50.322	0.08437	26.509	0
"2015-03-30	23:00:00"	2.4973	225.79	66.705	52.949	0.08564	26.503	0
"2015-03-31	00:00:00"	2.3258	245.31	65.645	54.696	0.08373	26.491	0
"2015-03-31	01:00:00"	2.3146	196.76	62.549	60.36	0.0619	26.488	0
"2015-03-31	02:00:00"	4.2098	213.47	63.023	62.529	0.0884	26.477	0
"2015-03-31	03:00:00"	3.2703	239.57	61.683	65.696	0.08585	26.468	0
"2015-03-31	04:00:00"	3.6301	231.34	60.286	70.29	0.0778	26.456	0
"2015-03-31	05:00:00"	4.0762	235.14	58.211	75.066	0.0778	26.441	0
"2015-03-31	06:00:00"	3.4648	271.07	55.116	81.976	0.08394	26.438	0
"2015-03-31	07:00:00"	2.6632	264.58	53.156	87.903	0.07334	26.444	0
"2015-03-31	08:00:00"	3.0323	273.08	53.689	87.841	4.7702	26.444	0
"2015-03-31	09:00:00"	3.9383	243.35	55.982	87.067	127.4	26.456	0
"2015-03-31	10:00:00"	8.3363	210.64	62.564	74.116	336.13	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-03-31	11:00:00"	5.2083	229.63	67.517	60.719	405.85	26.474	0
"2015-03-31	12:00:00"	5.1592	222.06	70.102	54.858	305.55	26.468	0
"2015-03-31	13:00:00"	7.8206	212.38	71.223	50.593	357.61	26.465	0
"2015-03-31	14:00:00"	9.7599	225.3	73.488	42.073	577.94	26.441	0
"2015-03-31	15:00:00"	9.4268	218.82	77.522	30.038	553	26.418	0
"2015-03-31	16:00:00"	10.76	210.51	80.209	21.607	715.8	26.385	0
"2015-03-31	17:00:00"	12.843	213.43	80.433	21.971	524.97	26.364	0
"2015-03-31	18:00:00"	13.145	210.45	79.975	21.359	383.19	26.358	0
"2015-03-31	19:00:00"	12.124	209.18	77.731	22.666	152.57	26.358	0
"2015-03-31	20:00:00"	9.7499	198.63	74.927	26.637	40.395	26.364	0
"2015-03-31	21:00:00"	8.1418	192.2	72.274	29.948	0.7555	26.37	0
"2015-03-31	22:00:00"	6.4231	185.36	69.038	34.342	0.09857	26.382	0
"2015-03-31	23:00:00"	3.6176	187.61	66.231	38.13	0.08394	26.382	0
"2015-04-01	00:00:00"	1.8343	195.11	63.791	40.872	0.09073	26.379	0
"2015-04-01	01:00:00"	3.6632	188.44	61.486	45.171	0.08752	26.382	0
"2015-04-01	02:00:00"	5.1947	201.45	62.484	42.756	0.07377	26.364	0
"2015-04-01	03:00:00"	2.3531	243.04	60.01	47.032	0.09264	26.347	0
"2015-04-01	04:00:00"	4.2191	196.55	58.529	50.907	0.07229	26.335	0
"2015-04-01	05:00:00"	5.4444	182.55	58.246	51.403	0.0867	26.329	0
"2015-04-01	06:00:00"	4.6758	175.37	54.842	60.521	0.07992	26.329	0
"2015-04-01	07:00:00"	5.9732	200.6	54.985	65.243	0.08416	26.326	0
"2015-04-01	08:00:00"	4.9312	189.2	53.963	68.501	5.8627	26.326	0
"2015-04-01	09:00:00"	6.0459	182.9	54.579	67.734	123.87	26.338	0
"2015-04-01	10:00:00"	9.4063	206.08	60.969	51.454	345.69	26.356	0
"2015-04-01	11:00:00"	7.339	229.6	66.063	43.095	574.33	26.367	0
"2015-04-01	12:00:00"	8.0026	240.89	72.776	32.456	769.68	26.361	0
"2015-04-01	13:00:00"	7.3887	276.36	77.562	23.902	912.24	26.335	0
"2015-04-01	14:00:00"	7.8405	296.41	79.944	19.62	989.95	26.314	0
"2015-04-01	15:00:00"	6.7978	282.12	81.69	17.475	987.96	26.294	0
"2015-04-01	16:00:00"	7.7187	243.08	83.363	15.471	908.82	26.27	0
"2015-04-01	17:00:00"	7.8914	251.45	84.291	14.216	753.46	26.258	0
"2015-04-01	18:00:00"	8.578	254.29	84.255	13.729	524.2	26.252	0
"2015-04-01	19:00:00"	9.9022	242.74	83.742	13.491	335.32	26.252	0
"2015-04-01	20:00:00"	10.06	228.62	81.398	16.605	135.31	26.255	0
"2015-04-01	21:00:00"	7.5863	209.08	76.395	20.266	3.149	26.264	0
"2015-04-01	22:00:00"	6.5126	214.1	71.537	24.129	0.07398	26.288	0
"2015-04-01	23:00:00"	5.2276	220.43	68.358	26.785	0.08013	26.299	0
"2015-04-02	00:00:00"	3.069	227	64.67	30.569	0.08225	26.308	0
"2015-04-02	01:00:00"	3.8152	226.81	62.769	32.959	0.07907	26.308	0
"2015-04-02	02:00:00"	1.8138	238.82	61.105	35.002	0.07504	26.305	0
"2015-04-02	03:00:00"	4.0184	233.22	61.698	34.451	0.08628	26.311	0
"2015-04-02	04:00:00"	2.5563	258.45	60.458	35.237	0.07462	26.311	0
"2015-04-02	05:00:00"	3.6015	301.94	58.837	37.109	0.07419	26.311	0
"2015-04-02	06:00:00"	3.896	286.44	59.528	36.191	0.07313	26.308	0
"2015-04-02	07:00:00"	5.1785	297	59.421	37.49	0.06847	26.332	0
"2015-04-02	08:00:00"	5.2692	297.6	59.204	39.475	8.7293	26.35	0
"2015-04-02	09:00:00"	6.7002	198.77	59.592	45.708	135.05	26.373	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-02	10:00:00"	6.3206	228.12	64.391	41.396	359.86	26.388	0
"2015-04-02	11:00:00"	7.8001	226.46	73.194	28.011	587.07	26.406	0
"2015-04-02	12:00:00"	11.951	261.59	79.849	16.974	784.42	26.406	0
"2015-04-02	13:00:00"	12.936	252.31	81.035	16.184	901.83	26.385	0
"2015-04-02	14:00:00"	13.699	228.51	82.102	17.04	1001.5	26.361	0
"2015-04-02	15:00:00"	18.598	224.97	82.848	15.927	968.96	26.338	0
"2015-04-02	16:00:00"	19.64	228.74	83.97	14.411	930.67	26.305	0
"2015-04-02	17:00:00"	20.272	227.7	84.182	10.797	789.36	26.291	0
"2015-04-02	18:00:00"	19.381	228.1	84.178	11.411	588.73	26.282	0
"2015-04-02	19:00:00"	17.283	226.68	82.692	12.519	260.41	26.282	0
"2015-04-02	20:00:00"	11.915	226.75	80.424	14.438	69.87	26.285	0
"2015-04-02	21:00:00"	3.1901	238.21	75.332	18.303	3.6312	26.305	0
"2015-04-02	22:00:00"	3.2417	230.52	71.342	21.846	0.07504	26.332	0
"2015-04-02	23:00:00"	1.8026	258.4	67.921	24.293	0.0708	26.35	0
"2015-04-03	00:00:00"	5.7607	286.3	68.072	24.311	0.09327	26.353	0
"2015-04-03	01:00:00"	5.9956	303.6	66.272	25.704	0.07907	26.361	0
"2015-04-03	02:00:00"	2.1816	333.38	60.356	31.424	0.08182	26.361	0
"2015-04-03	03:00:00"	2.3681	345.61	57.175	34.486	0.08543	26.356	0
"2015-04-03	04:00:00"	5.1263	309.84	61.29	26.96	0.06381	26.358	0
"2015-04-03	05:00:00"	3.8637	319.94	58.438	29.463	0.07864	26.382	0
"2015-04-03	06:00:00"	4.6267	317.24	55.222	33.613	0.0884	26.415	0
"2015-04-03	07:00:00"	17.871	3.9314	53.39	37.151	0.09221	26.471	0
"2015-04-03	08:00:00"	20.36	16.668	44.691	59.127	5.3962	26.503	0
"2015-04-03	09:00:00"	18.323	29.92	44.287	62.68	125.73	26.545	0
"2015-04-03	10:00:00"	21.423	29.221	46.21	59.25	357.36	26.583	0
"2015-04-03	11:00:00"	18.537	31.724	49.141	54.201	581.35	26.618	0
"2015-04-03	12:00:00"	17.859	29.445	52.382	48.521	775.47	26.648	0
"2015-04-03	13:00:00"	16.772	26.676	55.27	44.096	927.57	26.657	0
"2015-04-03	14:00:00"	15.049	30.918	58.828	38.31	1010.2	26.645	0
"2015-04-03	15:00:00"	13.525	25.078	61.705	33.907	989.45	26.63	0
"2015-04-03	16:00:00"	12.565	33.493	63.379	30.561	944.82	26.615	0
"2015-04-03	17:00:00"	12.516	30.073	63.784	29.206	509.4	26.615	0
"2015-04-03	18:00:00"	12.409	56.363	64.329	28.121	441.49	26.612	0
"2015-04-03	19:00:00"	13.434	62.549	63.312	29.322	226.13	26.618	0
"2015-04-03	20:00:00"	13.154	69.343	61.543	31.068	64.65	26.633	0
"2015-04-03	21:00:00"	11.145	64.906	59.413	33.391	1.5718	26.666	0
"2015-04-03	22:00:00"	11.271	78.52	57.671	35.969	0.09645	26.695	0
"2015-04-03	23:00:00"	11.387	87.159	55.79	39.145	0.07186	26.716	0
"2015-04-04	00:00:00"	12.453	83.808	53.975	41.945	0.07737	26.725	0
"2015-04-04	01:00:00"	13.568	76.595	51.865	44.526	0.07059	26.734	0
"2015-04-04	02:00:00"	11.602	75.585	50.552	46.602	0.06826	26.736	0
"2015-04-04	03:00:00"	10.136	75.236	49.489	49.179	0.07059	26.731	0
"2015-04-04	04:00:00"	9.4877	70.551	48.205	52.632	0.09687	26.719	0
"2015-04-04	05:00:00"	9.0136	77.091	46.767	56.211	0.09285	26.713	0
"2015-04-04	06:00:00"	9.3877	84.943	45.723	57.68	0.07292	26.704	0
"2015-04-04	07:00:00"	8.7663	86.893	45.076	55.32	0.09942	26.716	0
"2015-04-04	08:00:00"	8.6377	80.454	44.298	53.809	5.432	26.731	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-04	09:00:00"	10.09	88.696	44.191	52.486	101.98	26.742	0
"2015-04-04	10:00:00"	13.646	100.56	47.009	42.976	368.66	26.757	0
"2015-04-04	11:00:00"	14.209	106.29	49.083	36.348	564.02	26.766	0
"2015-04-04	12:00:00"	13.885	119.33	50.617	33.911	581.76	26.751	0
"2015-04-04	13:00:00"	11.904	119	52.68	30.45	746.02	26.716	0
"2015-04-04	14:00:00"	10.998	128.23	54.909	28.569	659.96	26.701	0
"2015-04-04	15:00:00"	11.41	129.75	55.635	29.386	477	26.654	0
"2015-04-04	16:00:00"	10.89	134.69	55.012	31.881	279.13	26.615	0
"2015-04-04	17:00:00"	9.4616	134.8	54.015	33.02	185.16	26.598	0
"2015-04-04	18:00:00"	9.3044	146.01	53.718	33.843	113.6	26.577	0
"2015-04-04	19:00:00"	10.616	134.76	54.251	32.046	141.35	26.556	0
"2015-04-04	20:00:00"	9.8823	137.1	54.656	30.923	44.218	26.55	0
"2015-04-04	21:00:00"	10.607	149	54.812	32.271	0.76334	26.55	0
"2015-04-04	22:00:00"	11.411	159.1	54.091	35.977	0.07907	26.55	0
"2015-04-04	23:00:00"	7.1589	159.54	52.462	40.919	0.08055	26.536	0
"2015-04-05	00:00:00"	6.5082	156.99	50.292	48.611	0.07165	26.521	0
"2015-04-05	01:00:00"	5.4507	175.46	48.759	53.71	0.07525	26.497	0
"2015-04-05	02:00:00"	4.3863	176.99	47.904	56.633	0.07377	26.488	0
"2015-04-05	03:00:00"	3.9687	171.47	46.749	60.955	0.10366	26.462	0
"2015-04-05	04:00:00"	2.5855	168.31	47.531	63.086	0.08352	26.432	0
"2015-04-05	05:00:00"	2.0369	169.48	47.787	65.349	0.09815	26.409	0
"2015-04-05	06:00:00"	2.7999	135.2	47.818	67.933	0.07695	26.394	0
"2015-04-05	07:00:00"	3.909	102.96	46.96	70.449	0.08585	26.397	0
"2015-04-05	08:00:00"	5.4805	133.58	47.724	75.88	5.5797	26.397	0
"2015-04-05	09:00:00"	4.6292	146.45	48.344	77.901	40.482	26.403	0
"2015-04-05	10:00:00"	5.9975	177.65	49.891	77.288	148.28	26.42	0
"2015-04-05	11:00:00"	8.0989	185.69	53.416	71.856	441.69	26.412	0
"2015-04-05	12:00:00"	7.5111	189.1	59.62	58.676	729.57	26.4	0
"2015-04-05	13:00:00"	8.747	211.87	65.692	47.871	906.05	26.373	0
"2015-04-05	14:00:00"	10.028	228.82	72.375	36.996	983.28	26.344	0
"2015-04-05	15:00:00"	9.9662	242.4	79.475	24.946	994.72	26.314	0
"2015-04-05	16:00:00"	11.508	233.03	82.397	18.386	904.78	26.288	0
"2015-04-05	17:00:00"	11.676	227.05	82.669	18.882	729.61	26.267	0
"2015-04-05	18:00:00"	11.402	229.56	82.482	18.715	446.34	26.261	0
"2015-04-05	19:00:00"	10.932	229.57	81.072	18.92	190.75	26.264	0
"2015-04-05	20:00:00"	8.0704	192.9	78.598	23.051	67.65	26.261	0
"2015-04-05	21:00:00"	4.5341	196.49	75.004	26.546	2.1762	26.27	0
"2015-04-05	22:00:00"	6.1404	203.91	72.054	30.975	0.07716	26.294	0
"2015-04-05	23:00:00"	4.6584	185.04	68.85	39.186	0.05999	26.305	0
"2015-04-06	00:00:00"	7.6864	191.02	67.098	53.376	0.07928	26.308	0
"2015-04-06	01:00:00"	7.3462	188.79	64.738	61.47	0.06604	26.317	0
"2015-04-06	02:00:00"	5.4376	211.05	63.004	65.247	0.07144	26.317	0
"2015-04-06	03:00:00"	4.692	225.93	60.31	71.221	0.08225	26.311	0
"2015-04-06	04:00:00"	4.5279	229.72	58.092	77.91	0.10154	26.317	0
"2015-04-06	05:00:00"	6.351	208.86	57.744	79.5	0.09242	26.317	0
"2015-04-06	06:00:00"	6.6449	200.04	57.032	83.109	0.08946	26.314	0
"2015-04-06	07:00:00"	4.9206	223.83	56.324	85.679	0.07038	26.326	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-06	08:00:00"	4.6168	225.37	56.194	87.848	13.52	26.344	0
"2015-04-06	09:00:00"	4.6361	217.34	57.46	86.558	158.11	26.367	0
"2015-04-06	10:00:00"	8.6352	192.8	61.358	79.345	350.33	26.376	0
"2015-04-06	11:00:00"	7.1973	208.02	66.056	66.883	464.38	26.391	0
"2015-04-06	12:00:00"	7.5745	211.79	69.432	55.113	521.06	26.391	0
"2015-04-06	13:00:00"	8.2319	229.9	76.278	33.997	694.34	26.388	0
"2015-04-06	14:00:00"	8.0977	230.34	80.555	20.529	690.42	26.373	0
"2015-04-06	15:00:00"	8.675	217.54	80.472	18.041	425.71	26.356	0
"2015-04-06	16:00:00"	12.157	207.64	81.039	19.222	695.72	26.332	0
"2015-04-06	17:00:00"	14.08	223.24	83.095	17.585	611.86	26.302	0
"2015-04-06	18:00:00"	15.566	216.04	84.152	17.851	617.46	26.299	0
"2015-04-06	19:00:00"	14.303	218.75	83.993	17.862	353.48	26.296	0
"2015-04-06	20:00:00"	9.7766	229.56	82.703	16.092	133.03	26.302	0
"2015-04-06	21:00:00"	4.006	221.46	76.28	18.237	4.8931	26.308	0
"2015-04-06	22:00:00"	6.241	180.82	71.795	33.348	0.07398	26.326	0
"2015-04-06	23:00:00"	7.1644	177.36	67.959	62.865	0.05957	26.347	0
"2015-04-07	00:00:00"	7.9882	183.02	65.744	77.892	0.08267	26.353	0
"2015-04-07	01:00:00"	6.648	187.67	63.444	84.838	0.06232	26.356	0
"2015-04-07	02:00:00"	7.2707	186.47	61.923	88.564	0.08479	26.347	0
"2015-04-07	03:00:00"	8.1822	195.61	61.747	89.999	0.07292	26.353	0
"2015-04-07	04:00:00"	8.6588	211.45	61.494	90.777	0.06932	26.361	0
"2015-04-07	05:00:00"	9.3212	198.32	61.289	90.875	0.07928	26.35	0
"2015-04-07	06:00:00"	6.3113	226.84	60.631	90.031	0.06762	26.358	0
"2015-04-07	07:00:00"	4.9822	232.88	59.535	90.661	0.07504	26.37	0
"2015-04-07	08:00:00"	5.2288	229.94	58.143	91.518	5.1846	26.391	0
"2015-04-07	09:00:00"	4.8852	231.26	57.706	91.906	88	26.415	0
"2015-04-07	10:00:00"	4.2912	217.55	58.347	91.746	298.94	26.42	0
"2015-04-07	11:00:00"	6.4318	219.59	64.953	69.259	594.7	26.438	0
"2015-04-07	12:00:00"	7.8442	231.11	75.891	35.86	800.91	26.441	0
"2015-04-07	13:00:00"	9.2671	240.55	81.938	18.201	946.11	26.432	0
"2015-04-07	14:00:00"	10.529	219.84	83.246	14.821	1018	26.412	0
"2015-04-07	15:00:00"	12.849	232.13	85.194	14.074	1013.2	26.394	0
"2015-04-07	16:00:00"	15.678	233.39	86.141	14.194	927.42	26.37	0
"2015-04-07	17:00:00"	19.272	231.98	86.751	13.458	782.9	26.356	0
"2015-04-07	18:00:00"	14.871	236.55	87.14	12.67	588.96	26.353	0
"2015-04-07	19:00:00"	13.703	240.81	86.044	12.761	362.82	26.356	0
"2015-04-07	20:00:00"	8.4308	247.55	82.956	13.826	108.89	26.347	0
"2015-04-07	21:00:00"	2.6725	255.76	77.228	16.867	6.6585	26.353	0
"2015-04-07	22:00:00"	1.6821	347.78	70.432	21.557	0.0549	26.367	0
"2015-04-07	23:00:00"	4.0501	161.47	69.52	24.968	0.07186	26.388	0
"2015-04-08	00:00:00"	3.7804	163.68	67.152	43.151	0.085	26.385	0
"2015-04-08	01:00:00"	7.7053	175.18	66.157	61.301	0.06701	26.379	0
"2015-04-08	02:00:00"	6.1683	185.34	64.204	77.9	0.07822	26.37	0
"2015-04-08	03:00:00"	6.3162	189.85	63.315	85.334	0.0884	26.356	0
"2015-04-08	04:00:00"	7.3421	194.35	63.459	88.954	0.06826	26.341	0
"2015-04-08	05:00:00"	4.5764	219.9	62.397	89.878	0.07144	26.326	0
"2015-04-08	06:00:00"	5.8626	192.94	62.285	91.381	0.09921	26.323	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-08	07:00:00"	6.4467	188.7	62.255	91.797	0.07652	26.335	0
"2015-04-08	08:00:00"	6.2827	206.09	61.817	91.736	2.9149	26.356	0
"2015-04-08	09:00:00"	6.3722	195.31	61.67	91.79	23.978	26.361	0
"2015-04-08	10:00:00"	6.3933	194.43	61.794	90.78	85.476	26.356	0
"2015-04-08	11:00:00"	6.0608	182.42	64.186	82.254	262.83	26.35	0
"2015-04-08	12:00:00"	8.8937	209.36	70.923	56.682	433.41	26.344	0
"2015-04-08	13:00:00"	11.889	215.43	77.054	37.304	750.15	26.317	0
"2015-04-08	14:00:00"	14.337	216.91	81.724	27.016	658.93	26.291	0
"2015-04-08	15:00:00"	15.376	209.33	84.456	21.471	770.99	26.255	0
"2015-04-08	16:00:00"	15.552	218.76	85.906	19.686	608.45	26.223	0
"2015-04-08	17:00:00"	15.068	227.51	86.746	18.27	605.94	26.199	0
"2015-04-08	18:00:00"	13.095	240.11	85.216	17.281	177.56	26.193	0
"2015-04-08	19:00:00"	12.998	235.38	73.311	38.795	176.51	26.217	0
"2015-04-08	20:00:00"	10.25	233.56	75.768	33.279	151.08	26.19	0
"2015-04-08	21:00:00"	7.7112	197.99	71.118	42.282	4.2801	26.202	0
"2015-04-08	22:00:00"	6.7748	215.36	67.73	50.624	0.06953	26.22	0
"2015-04-08	23:00:00"	6.6779	208.28	67.092	50.302	0.08288	26.229	0
"2015-04-09	00:00:00"	6.9165	184.67	63.421	57.15	0.06126	26.246	0
"2015-04-09	01:00:00"	6.2125	202.75	62.477	61.025	0.08712	26.249	0
"2015-04-09	02:00:00"	7.5478	205.3	60.724	78.603	0.07674	26.261	0
"2015-04-09	03:00:00"	5.2717	232.52	58.488	85.768	0.06699	26.261	0
"2015-04-09	04:00:00"	4.5665	237.08	57.408	90.452	0.07928	26.264	0
"2015-04-09	05:00:00"	3.6854	203.2	56.81	91.065	0.06974	26.261	0
"2015-04-09	06:00:00"	4.1545	231.99	54.973	91.806	0.07059	26.279	0
"2015-04-09	07:00:00"	2.0592	221.48	52.973	92.115	0.07101	26.294	0
"2015-04-09	08:00:00"	8.8297	324.19	50.905	62.528	22.461	26.347	0
"2015-04-09	09:00:00"	12.115	354.73	54.257	40.303	169.39	26.382	0
"2015-04-09	10:00:00"	15.176	3.0199	60.361	21.886	394.81	26.403	0
"2015-04-09	11:00:00"	16.499	350.43	63.602	18.704	580.71	26.42	0
"2015-04-09	12:00:00"	15.349	351.09	67.451	15.354	807.4	26.429	0
"2015-04-09	13:00:00"	11.861	343.93	70.453	12.786	897.34	26.429	0
"2015-04-09	14:00:00"	9.8096	325.54	72.766	11.859	928.05	26.423	0
"2015-04-09	15:00:00"	7.3819	322.72	74.479	10.234	897.28	26.42	0
"2015-04-09	16:00:00"	7.0401	313.12	75.963	9.8381	683.02	26.415	0
"2015-04-09	17:00:00"	6.7984	288.44	77.069	9.2589	659.02	26.406	0
"2015-04-09	18:00:00"	5.593	268.36	77.663	8.5283	545.43	26.409	0
"2015-04-09	19:00:00"	4.4863	312.62	77.331	8.4672	359.11	26.415	0
"2015-04-09	20:00:00"	4.4503	161.61	75.364	10.39	97.567	26.42	0
"2015-04-09	21:00:00"	5.9826	110.32	69.718	15.54	3.5564	26.441	0
"2015-04-09	22:00:00"	5.4997	102.19	65.277	18.14	0.06677	26.45	0
"2015-04-09	23:00:00"	5.043	102.92	62.93	20.214	0.07377	26.474	0
"2015-04-10	00:00:00"	7.4335	87.25	59.852	30.606	0.08034	26.491	0
"2015-04-10	01:00:00"	7.17	83.186	57.297	44.928	0.06701	26.503	0
"2015-04-10	02:00:00"	8.8881	83.072	55.389	53.025	0.0761	26.512	0
"2015-04-10	03:00:00"	11.605	78.594	54.704	53.576	0.06614	26.527	0
"2015-04-10	04:00:00"	13.893	75.615	52.778	51.505	0.08818	26.518	0
"2015-04-10	05:00:00"	15.59	76.744	50.943	52.305	0.07101	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-10	06:00:00"	16.985	81.192	49.78	54.294	0.09094	26.536	0
"2015-04-10	07:00:00"	16.042	86.011	48.571	57.306	0.07886	26.542	0
"2015-04-10	08:00:00"	15.534	79.615	47.382	59.404	15.489	26.55	0
"2015-04-10	09:00:00"	16.372	74.707	48.372	57.639	162.38	26.577	0
"2015-04-10	10:00:00"	17.998	77.102	51.245	51.411	389.69	26.589	0
"2015-04-10	11:00:00"	15.071	80.739	54.157	45.997	615.29	26.598	0
"2015-04-10	12:00:00"	13.751	97.216	57.262	41.914	805.89	26.601	0
"2015-04-10	13:00:00"	12.039	106.85	59.96	39.543	935.63	26.586	0
"2015-04-10	14:00:00"	10.972	123.47	62.925	36.711	1012.9	26.565	0
"2015-04-10	15:00:00"	10.89	131.7	65.256	34.941	975.47	26.539	0
"2015-04-10	16:00:00"	11.403	133.18	68.356	32.693	882.07	26.5	0
"2015-04-10	17:00:00"	12.381	129.66	70.839	31.21	719.17	26.465	0
"2015-04-10	18:00:00"	13.803	129.83	71.649	31.722	499.98	26.441	0
"2015-04-10	19:00:00"	13.284	142.72	71.043	34.816	221.97	26.435	0
"2015-04-10	20:00:00"	11.376	129.91	69.957	37.641	78.965	26.429	0
"2015-04-10	21:00:00"	7.8417	110.95	67.781	41.765	4.0363	26.441	0
"2015-04-10	22:00:00"	7.3142	98.189	64.318	48.274	0.06338	26.459	0
"2015-04-10	23:00:00"	10.611	104.15	63.898	49.874	0.07907	26.468	0
"2015-04-11	00:00:00"	10.926	105.44	62.747	50.742	0.0566	26.462	0
"2015-04-11	01:00:00"	10.208	106.21	61.346	54.1	0.078	26.45	0
"2015-04-11	02:00:00"	9.3473	91.828	59.953	58.603	0.09136	26.459	0
"2015-04-11	03:00:00"	7.8032	78.982	59.299	63.647	0.09242	26.45	0
"2015-04-11	04:00:00"	7.7522	85.86	57.044	68.13	0.06847	26.441	0
"2015-04-11	05:00:00"	5.8856	86.701	56.045	72.565	0.08649	26.429	0
"2015-04-11	06:00:00"	4.5894	95.671	55.612	74.681	0.0761	26.429	0
"2015-04-11	07:00:00"	2.2251	88.091	55	77.506	0.08394	26.438	0
"2015-04-11	08:00:00"	2.3973	81.454	52.598	82.303	4.7507	26.435	0
"2015-04-11	09:00:00"	5.4289	106.78	54.869	82.751	150.96	26.447	0
"2015-04-11	10:00:00"	8.7141	134.26	62.352	72.606	394.3	26.45	0
"2015-04-11	11:00:00"	9.5474	174.53	66.993	58.098	620.41	26.45	0
"2015-04-11	12:00:00"	9.1043	198.14	70.927	46.963	815.16	26.45	0
"2015-04-11	13:00:00"	8.1145	209.84	74.669	38.131	942.51	26.429	0
"2015-04-11	14:00:00"	9.8829	216.13	78.992	27.23	1010.4	26.403	0
"2015-04-11	15:00:00"	10.89	218.31	81.27	22.361	993.55	26.382	0
"2015-04-11	16:00:00"	12.28	211.39	82	21.998	920.28	26.356	0
"2015-04-11	17:00:00"	13.712	193.2	81.106	25.824	665.21	26.332	0
"2015-04-11	18:00:00"	14.173	185.38	80.141	29.154	483.55	26.317	0
"2015-04-11	19:00:00"	14.155	179.41	80.027	28.216	352.25	26.302	0
"2015-04-11	20:00:00"	14.494	165.99	78.482	29.009	109.52	26.291	0
"2015-04-11	21:00:00"	13.689	160.02	74.366	41.322	6.3087	26.299	0
"2015-04-11	22:00:00"	13.132	158.29	69.927	53.089	0.08119	26.332	0
"2015-04-11	23:00:00"	13.355	168.13	67.012	64.194	0.08098	26.344	0
"2015-04-12	00:00:00"	10.648	171.98	63.893	73.697	0.08119	26.344	0
"2015-04-12	01:00:00"	9.8815	176.24	62.242	75.094	0.07631	26.347	0
"2015-04-12	02:00:00"	10.033	174.01	61.109	78.808	0.08776	26.332	0
"2015-04-12	03:00:00"	9.4448	172.14	60.077	82.829	0.08267	26.326	0
"2015-04-12	04:00:00"	9.4921	179.05	59.477	84.988	0.08013	26.317	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-12	05:00:00"	9.4728	184.41	58.885	86.519	0.05745	26.323	0
"2015-04-12	06:00:00"	9.6847	190.34	58.158	88.05	0.09878	26.32	0
"2015-04-12	07:00:00"	6.4498	197.4	57.27	89.405	0.08564	26.317	0
"2015-04-12	08:00:00"	5.716	202.08	56.624	90.496	9.8299	26.335	0
"2015-04-12	09:00:00"	6.1708	194.17	57.47	90.077	145.48	26.332	0
"2015-04-12	10:00:00"	10.415	178.35	61.812	79.699	320.69	26.341	0
"2015-04-12	11:00:00"	11.217	187.44	66.193	66.629	350.13	26.347	0
"2015-04-12	12:00:00"	11.764	186.15	66.963	65.841	336.79	26.341	0
"2015-04-12	13:00:00"	7.5913	186.77	70.616	52.159	771.01	26.317	0
"2015-04-12	14:00:00"	9.0043	177.36	74.715	39.924	951.53	26.294	0
"2015-04-12	15:00:00"	9.4675	186.26	77.299	32.704	908.57	26.264	0
"2015-04-12	16:00:00"	8.4214	191.78	78.17	31.368	569.53	26.246	0
"2015-04-12	17:00:00"	6.5592	222.71	77.079	32.877	87.576	26.226	0
"2015-04-12	18:00:00"	14.666	249.45	64.329	69.111	19.442	26.258	0.03
"2015-04-12	19:00:00"	4.7578	257.76	62.58	77.898	86.189	26.288	0.02
"2015-04-12	20:00:00"	3.0982	310.51	63.491	76.703	42.803	26.261	0.01
"2015-04-12	21:00:00"	3.0304	323.75	61.498	82.95	1.6655	26.27	0
"2015-04-12	22:00:00"	1.9238	277.71	60.933	84.579	0.08691	26.276	0
"2015-04-12	23:00:00"	2.2432	151.35	59.712	87.413	0.08946	26.296	0
"2015-04-13	00:00:00"	3.6518	186.12	60.282	86.617	0.07398	26.296	0
"2015-04-13	01:00:00"	4.837	190.94	59.285	88.041	0.06426	26.299	0
"2015-04-13	02:00:00"	3.5866	211.26	58.045	90.432	0.07186	26.296	0
"2015-04-13	03:00:00"	3.3293	224.09	57.58	90.538	0.07059	26.296	0
"2015-04-13	04:00:00"	6.791	297.53	56.049	88.058	0.08458	26.294	0
"2015-04-13	05:00:00"	7.8032	311.72	55.48	88.014	0.06741	26.294	0.01
"2015-04-13	06:00:00"	6.6673	282.57	54.774	89.618	0.09221	26.308	0.03
"2015-04-13	07:00:00"	3.6748	270.13	54.607	89.823	0.08437	26.317	0.01
"2015-04-13	08:00:00"	3.2746	301.4	54.718	89.907	3.7993	26.335	0.01
"2015-04-13	09:00:00"	3.7015	314.91	54.77	87.664	31.335	26.356	0
"2015-04-13	10:00:00"	2.2525	100.69	54.836	83.548	88.914	26.361	0.01
"2015-04-13	11:00:00"	7.6087	52.78	55.482	81.509	143.96	26.403	0
"2015-04-13	12:00:00"	12.465	14.412	54.359	81.756	136.43	26.429	0.01
"2015-04-13	13:00:00"	11.789	30.667	53.398	85.863	146.24	26.444	0.01
"2015-04-13	14:00:00"	17.638	38.429	53.621	85.69	408.72	26.45	0
"2015-04-13	15:00:00"	21.758	28.274	55.371	77.502	622.57	26.45	0.01
"2015-04-13	16:00:00"	23.372	32.482	58.06	70.746	846.48	26.459	0.01
"2015-04-13	17:00:00"	22.248	35.64	56.397	76.672	428.31	26.483	0
"2015-04-13	18:00:00"	19.829	43.017	54.718	79.312	171.6	26.509	0
"2015-04-13	19:00:00"	18.273	30.945	52.404	83.981	58.076	26.533	0.01
"2015-04-13	20:00:00"	16.177	30.854	50.819	85.753	18.708	26.556	0
"2015-04-13	21:00:00"	15.886	25.973	50.428	88.459	0.45957	26.577	0
"2015-04-13	22:00:00"	18.021	19.633	49.637	86.774	0.08734	26.607	0
"2015-04-13	23:00:00"	15.728	28.664	49.067	86.378	0.10726	26.621	0.01
"2015-04-14	00:00:00"	13.578	31.68	48.004	86.209	0.08225	26.621	0
"2015-04-14	01:00:00"	11.402	38.738	47.756	83.783	0.10422	26.618	0
"2015-04-14	02:00:00"	9.0385	51.707	47.485	81.24	0.10451	26.624	0.01
"2015-04-14	03:00:00"	3.9339	38.148	45.142	84.496	0.07801	26.609	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-14	04:00:00"	5.9465	11.119	44.483	86.425	0.08352	26.612	0
"2015-04-14	05:00:00"	8.7613	1.5505	46.18	82.566	0.07949	26.621	0
"2015-04-14	06:00:00"	10.353	16.541	46.487	81.127	0.09709	26.615	0
"2015-04-14	07:00:00"	7.2153	19.501	45.623	81.851	0.092	26.624	0
"2015-04-14	08:00:00"	3.8264	11.663	43.941	83.707	23.345	26.627	0
"2015-04-14	09:00:00"	6.6729	20.832	46.495	76.555	179.96	26.639	0
"2015-04-14	10:00:00"	8.0946	43.088	49.643	69.149	404.55	26.639	0
"2015-04-14	11:00:00"	6.7338	53.88	51.796	66.812	555.23	26.636	0
"2015-04-14	12:00:00"	3.9718	36.075	53.46	62.172	510.64	26.63	0
"2015-04-14	13:00:00"	3.1137	15.871	55.463	57.387	362.57	26.615	0
"2015-04-14	14:00:00"	4.7417	356.05	57.733	51.536	560.04	26.586	0
"2015-04-14	15:00:00"	4.2104	55.055	59.707	45.798	935.01	26.562	0
"2015-04-14	16:00:00"	4.2906	111.47	61.645	41.696	831.48	26.524	0
"2015-04-14	17:00:00"	3.9401	57.181	63.55	36.533	685.66	26.497	0
"2015-04-14	18:00:00"	5.4811	183.13	64.531	37.589	629.48	26.477	0
"2015-04-14	19:00:00"	6.5176	182.12	63.855	40.199	374.3	26.465	0
"2015-04-14	20:00:00"	5.8123	213.32	63.496	39.299	150.15	26.462	0
"2015-04-14	21:00:00"	5.3929	165.18	60.408	47.423	8.5258	26.456	0
"2015-04-14	22:00:00"	6.3411	161.53	57.244	54.976	0.07716	26.462	0
"2015-04-14	23:00:00"	5.9372	170.83	54.756	61.259	0.06444	26.456	0
"2015-04-15	00:00:00"	6.1497	182.39	51.492	72.252	0.08288	26.447	0
"2015-04-15	01:00:00"	6.8804	186.26	50.185	75.609	0.0725	26.435	0
"2015-04-15	02:00:00"	5.6501	198.84	48.824	78.316	0.07695	26.429	0
"2015-04-15	03:00:00"	4.8554	199.66	47.601	81.116	0.10959	26.415	0
"2015-04-15	04:00:00"	7.4602	193.53	47.273	81.549	0.08628	26.406	0
"2015-04-15	05:00:00"	8.4407	196.61	46.079	83.699	0.07017	26.388	0
"2015-04-15	06:00:00"	7.2203	199.43	45.959	84.021	0.08882	26.373	0
"2015-04-15	07:00:00"	6.694	190.71	45.477	84.696	0.0797	26.373	0
"2015-04-15	08:00:00"	7.6311	196.85	46.391	83.281	21.078	26.379	0
"2015-04-15	09:00:00"	8.1661	194.29	48.449	81.371	184.61	26.394	0
"2015-04-15	10:00:00"	11.579	191.45	53.839	72.985	425.21	26.4	0
"2015-04-15	11:00:00"	11.456	199.7	60.526	57.858	649.14	26.406	0
"2015-04-15	12:00:00"	13.497	204.39	66.321	45.123	838.81	26.406	0
"2015-04-15	13:00:00"	12.649	208.97	70.076	36.726	972.85	26.385	0
"2015-04-15	14:00:00"	13.229	197.3	73.436	29.709	1036.1	26.356	0
"2015-04-15	15:00:00"	14.137	194.2	76.124	23.336	1029.2	26.332	0
"2015-04-15	16:00:00"	12.875	195.04	77.99	19.959	953.31	26.299	0
"2015-04-15	17:00:00"	13.799	192.93	78.262	18.75	575.4	26.276	0
"2015-04-15	18:00:00"	15.242	193.45	78.542	19.876	555.96	26.267	0
"2015-04-15	19:00:00"	13.474	190.8	77.659	20.561	206.73	26.258	0
"2015-04-15	20:00:00"	9.6716	173.09	75.019	22.365	50.956	26.267	0
"2015-04-15	21:00:00"	7.3943	173.92	72.87	24.323	22.394	26.273	0
"2015-04-15	22:00:00"	10.077	169.98	70.652	27.829	0.07886	26.317	0
"2015-04-15	23:00:00"	9.0695	151.54	65.899	40.117	0.05808	26.311	0
"2015-04-16	00:00:00"	9.9773	135.66	63.841	47.778	0.09497	26.296	0
"2015-04-16	01:00:00"	11.964	139.7	62.784	56.411	0.0761	26.291	0
"2015-04-16	02:00:00"	12.577	161.51	62.077	70.085	0.06444	26.296	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-16	03:00:00"	10.609	169.45	60.962	79.663	0.08458	26.294	0
"2015-04-16	04:00:00"	12.7	170.24	60.833	81.328	0.06465	26.285	0
"2015-04-16	05:00:00"	6.9239	176.48	58.852	83.07	0.0744	26.285	0
"2015-04-16	06:00:00"	5.058	187.01	56.929	84.634	0.07843	26.291	0
"2015-04-16	07:00:00"	7.3154	187.65	56.563	81.644	0.0672	26.302	0
"2015-04-16	08:00:00"	7.7516	191	56.858	76.619	12.419	26.326	0
"2015-04-16	09:00:00"	10.676	193.46	57.498	79.103	122.74	26.347	0
"2015-04-16	10:00:00"	13.408	192.53	60.587	76.449	401.75	26.356	0
"2015-04-16	11:00:00"	11.627	211.38	66.189	59.134	643.77	26.361	0
"2015-04-16	12:00:00"	9.3703	232.46	71.007	40.869	824.7	26.361	0
"2015-04-16	13:00:00"	10.77	226.49	74.308	31.448	956.94	26.35	0
"2015-04-16	14:00:00"	10.053	221.72	75.776	28.748	1019.8	26.335	0
"2015-04-16	15:00:00"	10.472	212.79	77.13	24.784	956.25	26.323	0
"2015-04-16	16:00:00"	11.661	205.58	77.569	24.139	876.21	26.299	0
"2015-04-16	17:00:00"	12.635	200.11	78.403	23.1	788.04	26.276	0
"2015-04-16	18:00:00"	13.422	191.42	78.904	23.213	646.54	26.267	0
"2015-04-16	19:00:00"	12.44	210.02	78.64	23.091	344.17	26.273	0
"2015-04-16	20:00:00"	13.769	178.18	76.061	30.469	138.55	26.276	0
"2015-04-16	21:00:00"	12.37	153.22	69.828	54.587	3.2577	26.291	0
"2015-04-16	22:00:00"	10.886	152.72	67.279	63.275	0.0672	26.299	0
"2015-04-16	23:00:00"	9.4542	260.3	65.569	61.666	0.06826	26.364	0
"2015-04-17	00:00:00"	4.4266	323.36	61.891	43.598	0.09094	26.356	0
"2015-04-17	01:00:00"	2.0938	329.66	62.372	42.616	0.06638	26.364	0
"2015-04-17	02:00:00"	2.232	106.5	61.195	49.268	0.07886	26.373	0
"2015-04-17	03:00:00"	5.7651	334.28	58.581	53.198	0.0566	26.379	0
"2015-04-17	04:00:00"	10.439	348.51	57.697	42.273	0.06169	26.379	0
"2015-04-17	05:00:00"	9.3442	357.53	53.864	39.235	0.09242	26.388	0
"2015-04-17	06:00:00"	10.661	348.37	51.079	40.755	0.0672	26.391	0
"2015-04-17	07:00:00"	11.171	349.81	50.905	34.343	0.09518	26.406	0
"2015-04-17	08:00:00"	11.591	347.65	51.014	30.596	27.451	26.426	0
"2015-04-17	09:00:00"	11.777	355.07	54.613	25.382	198.81	26.447	0
"2015-04-17	10:00:00"	12.935	358.1	58.196	21.841	428.6	26.45	0
"2015-04-17	11:00:00"	9.6151	9.5299	61.728	20.968	658.18	26.459	0
"2015-04-17	12:00:00"	4.8753	23.464	65.447	17.602	848.44	26.459	0
"2015-04-17	13:00:00"	4.4347	277.13	69.139	13.893	974.59	26.438	0
"2015-04-17	14:00:00"	9.3926	225.57	70.999	14.472	1049	26.415	0
"2015-04-17	15:00:00"	11.113	237.7	73.459	13.781	1044.5	26.385	0
"2015-04-17	16:00:00"	10.876	239.01	74.489	13.125	969.89	26.37	0
"2015-04-17	17:00:00"	11.641	242.75	74.472	12.868	829.32	26.356	0
"2015-04-17	18:00:00"	13.186	253.22	74.497	13.137	639.19	26.347	0
"2015-04-17	19:00:00"	9.3802	249.8	73.732	13.815	356.9	26.338	0
"2015-04-17	20:00:00"	8.3518	238.77	72.871	12.236	148.11	26.347	0
"2015-04-17	21:00:00"	7.7497	262.47	69.074	11.209	12.324	26.364	0
"2015-04-17	22:00:00"	3.4909	313.02	60.225	16.846	0.07949	26.382	0
"2015-04-17	23:00:00"	4.4695	324.69	53.316	26.033	0.10323	26.397	0
"2015-04-18	00:00:00"	4.6789	325.98	53.797	26.01	0.07546	26.406	0
"2015-04-18	01:00:00"	7.0293	324.51	56.22	23.57	0.10231	26.4	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-18	02:00:00"	4.508	277.98	55.82	23.602	0.08055	26.4	0
"2015-04-18	03:00:00"	3.0447	140.23	53.161	27.544	0.07059	26.403	0
"2015-04-18	04:00:00"	2.5743	174.62	54.18	25.306	0.07144	26.385	0
"2015-04-18	05:00:00"	1.5261	23.205	48.837	32.739	0.10366	26.373	0
"2015-04-18	06:00:00"	3.7599	319.24	45.716	33.731	0.09687	26.373	0
"2015-04-18	07:00:00"	8.5258	348.99	47.777	39.014	0.08606	26.373	0
"2015-04-18	08:00:00"	6.2193	354.76	45.463	42.396	32.271	26.382	0
"2015-04-18	09:00:00"	6.2156	13.251	51.69	33.643	185.19	26.394	0
"2015-04-18	10:00:00"	4.5192	69.633	57.368	28.264	442.01	26.397	0
"2015-04-18	11:00:00"	3.384	201.81	63.924	18.39	670.42	26.406	0
"2015-04-18	12:00:00"	7.5975	227.95	67.247	16.659	857.88	26.4	0
"2015-04-18	13:00:00"	10.345	228.43	70.522	14.649	989.92	26.364	0
"2015-04-18	14:00:00"	13.491	234.28	73.3	10.898	1056.8	26.338	0
"2015-04-18	15:00:00"	15.63	236.75	74.678	10.439	1048.5	26.308	0
"2015-04-18	16:00:00"	18.527	233.02	75.579	9.6064	958.83	26.282	0
"2015-04-18	17:00:00"	16.999	243.31	76.372	9.072	815.5	26.267	0
"2015-04-18	18:00:00"	14.883	245.46	76.298	9.2233	618.86	26.258	0
"2015-04-18	19:00:00"	15.11	263.93	74.93	11.58	369.29	26.258	0
"2015-04-18	20:00:00"	11.769	258.48	73.119	13.638	163.33	26.252	0
"2015-04-18	21:00:00"	6.4828	251.73	68.949	16.291	11.605	26.255	0
"2015-04-18	22:00:00"	1.5292	230.83	62.364	22.078	0.05766	26.267	0
"2015-04-18	23:00:00"	1.6814	236.15	59.425	25.899	0.08034	26.276	0
"2015-04-19	00:00:00"	3.0851	281.58	57.068	29.377	0.08055	26.267	0
"2015-04-19	01:00:00"	2.3749	289.61	54.226	33.633	0.05935	26.276	0
"2015-04-19	02:00:00"	6.5536	319.38	53.688	36.208	0.08606	26.296	0
"2015-04-19	03:00:00"	5.6638	313.24	52.97	41.948	0.06381	26.279	0
"2015-04-19	04:00:00"	6.5176	318.83	50.475	47.757	0.0778	26.282	0
"2015-04-19	05:00:00"	9.1118	329.57	52.979	40.548	0.07631	26.291	0
"2015-04-19	06:00:00"	10.634	337.98	54.069	38.05	0.10896	26.299	0
"2015-04-19	07:00:00"	8.9651	325	51.885	42.437	0.07504	26.32	0
"2015-04-19	08:00:00"	7.1302	317.48	48.838	50.071	36.245	26.353	0
"2015-04-19	09:00:00"	11.906	2.3917	52.917	44.282	206.23	26.382	0
"2015-04-19	10:00:00"	15.386	5.8514	57.239	38.276	439.37	26.394	0
"2015-04-19	11:00:00"	16.543	4.6058	60.94	32.967	662.51	26.423	0
"2015-04-19	12:00:00"	16.504	7.7232	64.172	26.934	845.02	26.429	0
"2015-04-19	13:00:00"	15.36	357.38	66.668	23.075	979.62	26.432	0
"2015-04-19	14:00:00"	15.01	351.01	68.643	21.028	1043.4	26.42	0
"2015-04-19	15:00:00"	14.077	343.79	70.155	20.016	1006.3	26.406	0
"2015-04-19	16:00:00"	14.28	358.46	70.506	20.603	950.9	26.391	0
"2015-04-19	17:00:00"	13.69	1.6395	70.254	21.994	784.82	26.382	0
"2015-04-19	18:00:00"	14.179	13.787	69.192	24.751	599.15	26.391	0
"2015-04-19	19:00:00"	15.257	25.915	66.63	27.309	368.56	26.394	0
"2015-04-19	20:00:00"	13.356	41.821	63.407	31.292	147.66	26.394	0
"2015-04-19	21:00:00"	10.021	56.916	59.257	37.766	9.0479	26.406	0
"2015-04-19	22:00:00"	7.7311	62.21	55.474	44.444	0.07695	26.42	0
"2015-04-19	23:00:00"	6.8108	57.755	52.162	52.226	0.09052	26.432	0
"2015-04-20	01:00:00"	5.9721	57.474	50.249	58.132	0.08474	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-20	02:00:00"	7.175	69.55	50.013	59.303	0.08967	26.438	0
"2015-04-20	03:00:00"	6.3908	86.679	48.817	61.876	0.09497	26.42	0
"2015-04-20	04:00:00"	6.4623	94.884	47.37	65.628	0.09433	26.432	0
"2015-04-20	05:00:00"	5.0387	101.76	45.839	69.851	0.07886	26.453	0
"2015-04-20	06:00:00"	4.2365	72.347	43.816	74.15	0.09412	26.444	0
"2015-04-20	07:00:00"	5.6532	77.265	43.339	77.39	0.09242	26.459	0
"2015-04-20	08:00:00"	2.2922	94.604	42.424	79.392	29.176	26.48	0
"2015-04-20	09:00:00"	5.3649	98.747	46.116	72.057	196.96	26.5	0
"2015-04-20	10:00:00"	11.625	112.8	51.545	55.071	432.71	26.497	0
"2015-04-20	11:00:00"	11.979	117.47	54.238	47.108	654.54	26.503	0
"2015-04-20	12:00:00"	11.469	132.13	56.883	41.321	840.56	26.494	0
"2015-04-20	13:00:00"	11.289	152.44	59.693	35.734	972.86	26.468	0
"2015-04-20	14:00:00"	10.427	153.56	62.31	32.511	1040.7	26.435	0
"2015-04-20	15:00:00"	10.875	158.5	64.957	29.579	1032.4	26.406	0
"2015-04-20	16:00:00"	12.157	166.37	66.533	28.654	917.81	26.379	0
"2015-04-20	17:00:00"	12.166	170.74	68.086	27.784	802.67	26.35	0
"2015-04-20	18:00:00"	11.302	170.18	68.768	27.36	613.53	26.338	0
"2015-04-20	19:00:00"	11.558	164.03	69.226	27.571	388.14	26.329	0
"2015-04-20	20:00:00"	12.675	168.96	68.46	28.763	162.57	26.329	0
"2015-04-20	21:00:00"	9.3063	166.28	65.058	33.83	12.304	26.341	0
"2015-04-20	22:00:00"	8.4022	153.77	61.432	40.627	0.07695	26.353	0
"2015-04-20	23:00:00"	9.5741	155.92	59.429	45.88	0.09391	26.356	0
"2015-04-21	00:00:00"	10.315	165.25	58.144	49.965	0.08585	26.353	0
"2015-04-21	01:00:00"	11.654	174.99	56.915	53.599	0.08988	26.353	0
"2015-04-21	02:00:00"	8.4593	182.04	54.593	55.799	0.0761	26.35	0
"2015-04-21	03:00:00"	6.192	117.71	52.446	59.722	0.07165	26.361	0
"2015-04-21	04:00:00"	4.1508	87.071	51.065	62.144	0.07822	26.358	0
"2015-04-21	05:00:00"	3.1907	98.324	48.546	67.401	0.07822	26.344	0
"2015-04-21	06:00:00"	3.3977	114.55	47.341	69.764	0.09624	26.344	0
"2015-04-21	07:00:00"	4.9331	146.01	49.445	65.301	0.08712	26.35	0
"2015-04-21	08:00:00"	6.3908	152.77	49.124	66.686	34.436	26.364	0
"2015-04-21	09:00:00"	8.8054	154.27	52.18	63.573	211.37	26.373	0
"2015-04-21	10:00:00"	9.8431	182.9	56.619	56.889	433.73	26.382	0
"2015-04-21	11:00:00"	4.8467	245.08	61.584	49.076	655.92	26.403	0
"2015-04-21	12:00:00"	3.2516	190.94	66.787	40.588	839.74	26.406	0
"2015-04-21	13:00:00"	4.459	64.291	70.394	35.381	969.92	26.388	0
"2015-04-21	14:00:00"	5.1611	64.332	73.155	31.194	1034.4	26.367	0
"2015-04-21	15:00:00"	5.4991	67.304	76.032	26.958	1023.7	26.35	0
"2015-04-21	16:00:00"	6.1112	91.741	78.348	23.392	942.89	26.323	0
"2015-04-21	17:00:00"	5.9645	137.84	79.948	19.729	803.13	26.299	0
"2015-04-21	18:00:00"	6.6835	185.42	80.934	16.54	602.27	26.296	0
"2015-04-21	19:00:00"	7.3527	183.13	80.823	15.843	398.51	26.285	0
"2015-04-21	20:00:00"	7.0271	158.19	79.542	15.62	136.97	26.282	0
"2015-04-21	21:00:00"	4.7137	163.45	75.155	19.542	11.161	26.291	0
"2015-04-21	22:00:00"	7.0122	154.15	71.196	24.907	0.08776	26.302	0
"2015-04-21	23:00:00"	9.3653	148.84	69.879	27.514	0.08882	26.311	0
"2015-04-22	00:00:00"	10.892	160.33	66.706	44.283	0.06508	26.317	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-22	01:00:00"	10.314	163.15	65.03	59.998	0.05999	26.32	0
"2015-04-22	02:00:00"	7.0178	161.06	62.363	68.545	0.07207	26.311	0
"2015-04-22	03:00:00"	6.0683	162.51	59.894	77.11	0.06359	26.302	0
"2015-04-22	04:00:00"	5.9204	180.39	57.829	84.138	0.05808	26.296	0
"2015-04-22	05:00:00"	12.105	178.7	58.657	86.011	0.08585	26.302	0
"2015-04-22	06:00:00"	12.114	173.91	59.662	84.135	0.09306	26.299	0
"2015-04-22	07:00:00"	10.952	180.72	59.72	84.197	0.08288	26.311	0
"2015-04-22	08:00:00"	11.086	178.01	59.83	83.798	9.7048	26.332	0
"2015-04-22	09:00:00"	10.742	178.29	60.477	81.578	75.867	26.335	0
"2015-04-22	10:00:00"	10.806	189.5	61.724	77.523	174.83	26.356	0
"2015-04-22	11:00:00"	8.5706	200.17	64.489	68.09	587.1	26.361	0
"2015-04-22	12:00:00"	6.9382	224.2	69.292	53.425	846.16	26.356	0
"2015-04-22	13:00:00"	7.8075	265.4	74.967	36.709	976.88	26.338	0
"2015-04-22	14:00:00"	7.9498	280.45	78.901	24.526	1043.1	26.311	0
"2015-04-22	15:00:00"	8.6532	255.09	81.907	15.098	1042.6	26.302	0
"2015-04-22	16:00:00"	9.5921	254.24	83.402	12.628	965.66	26.291	0
"2015-04-22	17:00:00"	12.794	226.17	83.581	12.49	819.21	26.276	0
"2015-04-22	18:00:00"	11.196	228.19	83.772	11.344	622.5	26.27	0
"2015-04-22	19:00:00"	13.107	227.34	83.145	11.104	408.86	26.267	0
"2015-04-22	20:00:00"	9.0465	231.23	81.386	10.763	169.65	26.27	0
"2015-04-22	21:00:00"	7.828	222.18	76.925	12.403	13.322	26.291	0
"2015-04-22	22:00:00"	3.5226	238.67	69.444	16.342	0.09475	26.305	0
"2015-04-22	23:00:00"	2.8937	314.17	63.651	19.651	0.08649	26.314	0
"2015-04-23	00:00:00"	4.403	311.09	62.118	19.751	0.08988	26.317	0
"2015-04-23	01:00:00"	4.3769	317.92	61.248	20.577	0.08628	26.32	0
"2015-04-23	02:00:00"	3.2361	274.86	59.798	22.653	0.05957	26.332	0
"2015-04-23	03:00:00"	1.5976	359.18	57.993	26.569	0.092	26.317	0
"2015-04-23	04:00:00"	1.7131	329.94	54.596	30.191	0.08564	26.311	0
"2015-04-23	05:00:00"	2.1133	299.51	56.432	26.267	0.08352	26.311	0
"2015-04-23	06:00:00"	4.2713	329.32	57.876	26.201	0.08373	26.323	0
"2015-04-23	07:00:00"	8.0778	57.713	53.507	53.424	0.07271	26.329	0
"2015-04-23	08:00:00"	6.6443	60.55	53.702	89.389	10.812	26.347	0
"2015-04-23	09:00:00"	8.012	63.854	56.826	91.629	78.788	26.358	0
"2015-04-23	10:00:00"	6.4672	70.118	58.794	85.351	218.29	26.376	0
"2015-04-23	11:00:00"	3.8929	80.001	63.29	66.289	386.16	26.376	0
"2015-04-23	12:00:00"	2.2351	311.34	67.808	55.185	536.94	26.379	0
"2015-04-23	13:00:00"	3.0652	256.91	71.355	44.354	544.61	26.37	0
"2015-04-23	14:00:00"	4.8088	223.73	72.805	39.526	549.51	26.358	0
"2015-04-23	15:00:00"	5.3649	245.75	75.402	30.878	590.68	26.344	0
"2015-04-23	16:00:00"	6.855	274.65	78.533	17.138	641.68	26.329	0
"2015-04-23	17:00:00"	9.1174	242.3	79.095	14.427	505.19	26.311	0
"2015-04-23	18:00:00"	9.7033	223.8	78.133	14.679	269.29	26.305	0
"2015-04-23	19:00:00"	13.947	192.59	77.05	15.389	166.98	26.305	0
"2015-04-23	20:00:00"	16.1	192.55	75.29	25.756	94.89	26.308	0
"2015-04-23	21:00:00"	14.649	210.03	72.55	35.739	5.6579	26.326	0
"2015-04-23	22:00:00"	16.171	221.62	69.995	39.46	0.07165	26.347	0
"2015-04-23	23:00:00"	13.681	218.06	68.598	38.527	0.085	26.35	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-24	00:00:00"	12.751	205.72	68.425	33.394	0.0708	26.338	0
"2015-04-24	01:00:00"	14.051	218.21	68.425	33.139	0.08117	26.332	0
"2015-04-24	02:00:00"	14.413	195.22	67.543	35.582	0.0831	26.314	0
"2015-04-24	03:00:00"	13.542	192.41	65.784	41.593	0.092	26.296	0
"2015-04-24	04:00:00"	13.404	189.97	63.543	52.598	0.06444	26.279	0
"2015-04-24	05:00:00"	13.363	179.58	60.955	64.393	0.06847	26.285	0
"2015-04-24	06:00:00"	16.021	178.04	59.195	73.527	0.08119	26.291	0
"2015-04-24	07:00:00"	12.109	176.49	58.796	77.607	0.07123	26.296	0
"2015-04-24	08:00:00"	10.722	191.67	59.525	74.971	30.399	26.296	0
"2015-04-24	09:00:00"	12.024	194.43	60.749	73.217	137.71	26.305	0
"2015-04-24	10:00:00"	11.232	213.65	62.392	69.504	235.99	26.314	0
"2015-04-24	11:00:00"	14.764	225.11	65.818	58.803	397.94	26.326	0
"2015-04-24	12:00:00"	13.681	278.78	67.599	39.852	576.01	26.317	0
"2015-04-24	13:00:00"	13.502	280.94	70.188	33.857	915.56	26.294	0
"2015-04-24	14:00:00"	16.013	250.25	74.437	27.592	1046.6	26.273	0
"2015-04-24	15:00:00"	18.801	236.96	76.467	22.173	1033	26.252	0
"2015-04-24	16:00:00"	19.674	255.01	77.365	16.437	973.84	26.243	0
"2015-04-24	17:00:00"	19.2	252.66	77.97	14.411	824.59	26.24	0
"2015-04-24	18:00:00"	19.871	259.31	76.831	13.202	629.29	26.246	0
"2015-04-24	19:00:00"	17.211	257.81	75.809	15.069	402.94	26.252	0
"2015-04-24	20:00:00"	16.555	269.06	73.779	14.89	170.31	26.255	0
"2015-04-24	21:00:00"	11.576	269.6	70.53	16.85	15.228	26.261	0
"2015-04-24	22:00:00"	7.8187	269.54	66.777	18.906	0.07186	26.282	0
"2015-04-24	23:00:00"	7.6137	272.84	63.91	21.327	0.08861	26.305	0
"2015-04-25	00:00:00"	8.8303	268.95	63.187	22.154	0.08331	26.302	0
"2015-04-25	01:00:00"	6.5965	256.16	61.585	24.131	0.0797	26.305	0
"2015-04-25	02:00:00"	8.6302	271.29	59.755	26.819	0.08034	26.311	0
"2015-04-25	03:00:00"	5.8359	296.63	55.474	31.94	0.06847	26.302	0
"2015-04-25	04:00:00"	4.7653	294.61	54.567	33.683	0.07525	26.308	0
"2015-04-25	05:00:00"	3.2914	319.31	51.513	38.053	0.07928	26.305	0
"2015-04-25	06:00:00"	3.9762	297.14	51.396	39.603	0.08712	26.314	0
"2015-04-25	07:00:00"	3.292	319.65	47.106	46.936	0.09603	26.317	0
"2015-04-25	08:00:00"	1.8983	322.73	46.262	50.106	43.458	26.338	0
"2015-04-25	09:00:00"	3.7655	273.55	55.858	36.836	226.16	26.35	0
"2015-04-25	10:00:00"	6.799	278.93	63.811	28.413	462	26.358	0
"2015-04-25	11:00:00"	9.6269	276.08	68.613	23.459	684.89	26.358	0
"2015-04-25	12:00:00"	13.71	282.25	71.766	20.166	869.15	26.353	0
"2015-04-25	13:00:00"	14.756	273.63	72.953	19.933	998.72	26.323	0
"2015-04-25	14:00:00"	14.99	258.38	75.679	18.004	1062.8	26.296	0
"2015-04-25	15:00:00"	12.873	242.88	77.108	16.83	1046.1	26.273	0
"2015-04-25	16:00:00"	13.276	248.21	78.545	14.87	965.64	26.252	0
"2015-04-25	17:00:00"	13.627	243.55	79.779	13.319	822.76	26.22	0
"2015-04-25	18:00:00"	15.136	238.51	80.008	12.066	632.26	26.208	0
"2015-04-25	19:00:00"	14.439	239.71	79.467	10.75	407.33	26.208	0
"2015-04-25	20:00:00"	12.345	237.68	77.921	10.761	178.12	26.205	0
"2015-04-25	21:00:00"	6.1441	234.23	72.694	13.384	16.973	26.217	0
"2015-04-25	22:00:00"	2.9192	232.49	68.845	15.993	0.06847	26.226	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-25	23:00:00"	1.1253	239.86	63.537	20.182	0.05469	26.22	0
"2015-04-26	00:00:00"	1.2191	316.87	60.744	23.15	0.08734	26.208	0
"2015-04-26	01:00:00"	1.5522	227.87	60.482	22.774	0.06953	26.211	0
"2015-04-26	02:00:00"	2.5277	201.96	61.663	21.749	0.085	26.202	0
"2015-04-26	03:00:00"	2.6029	217.02	60.379	22.531	0.08182	26.199	0
"2015-04-26	04:00:00"	2.4308	277.37	56.234	27.032	0.07271	26.187	0
"2015-04-26	05:00:00"	1.1042	345.66	54.594	28.976	0.09963	26.181	0
"2015-04-26	06:00:00"	3.6506	190.39	55.778	27.518	0.08903	26.187	0
"2015-04-26	07:00:00"	3.5853	177.1	55.637	26.729	0.1185	26.187	0
"2015-04-26	08:00:00"	2.3215	165.05	52.272	33.378	67.855	26.193	0
"2015-04-26	09:00:00"	4.0041	220.68	59.339	26.042	239.36	26.199	0
"2015-04-26	10:00:00"	4.7373	231.7	63.595	23.38	301.41	26.199	0
"2015-04-26	11:00:00"	5.4861	267.16	68.496	22.512	367.42	26.178	0
"2015-04-26	12:00:00"	7.7006	251.2	73.11	17.587	575.02	26.167	0
"2015-04-26	13:00:00"	8.4556	235.87	75.087	15.295	685.58	26.14	0
"2015-04-26	14:00:00"	12.844	237.43	76.72	12.537	792.55	26.122	0
"2015-04-26	15:00:00"	11.486	243.03	77.461	12.285	654.89	26.116	0
"2015-04-26	16:00:00"	12.728	255.18	74.752	13.52	283.04	26.113	0
"2015-04-26	17:00:00"	19.242	295.83	72.116	17.888	412.3	26.119	0
"2015-04-26	18:00:00"	16.389	294.73	69.065	20.193	169.95	26.116	0
"2015-04-26	19:00:00"	17.127	270.41	67.62	18.606	71.551	26.125	0
"2015-04-26	20:00:00"	12.624	287.43	65.847	20.486	46.961	26.14	0
"2015-04-26	21:00:00"	11.441	290.35	64.057	25.057	19.488	26.169	0
"2015-04-26	22:00:00"	8.5016	266.12	60.102	32.617	0.09581	26.181	0
"2015-04-26	23:00:00"	4.8765	254.7	55.687	38.859	0.07292	26.205	0
"2015-04-27	00:00:00"	6.2174	302	54.026	44.269	0.10239	26.205	0
"2015-04-27	01:00:00"	5.1214	315.68	50.919	55.87	0.06595	26.208	0
"2015-04-27	02:00:00"	1.577	44.852	48.098	61.447	0.08161	26.22	0
"2015-04-27	03:00:00"	1.9393	232.59	48.298	61.347	0.08776	26.223	0
"2015-04-27	04:00:00"	2.7166	4.0966	44.952	67.494	0.07144	26.217	0
"2015-04-27	05:00:00"	2.4613	322.3	41.873	74.194	0.07271	26.22	0
"2015-04-27	06:00:00"	3.3417	301.23	41.917	75.584	0.08712	26.211	0
"2015-04-27	07:00:00"	4.8796	291.19	42.471	78.108	0.16831	26.234	0
"2015-04-27	08:00:00"	6.105	2.9936	43.27	83.843	42.471	26.252	0
"2015-04-27	09:00:00"	9.0329	22.691	51.05	79.094	233.92	26.273	0
"2015-04-27	10:00:00"	8.2077	14.014	56.555	62.401	440.13	26.288	0
"2015-04-27	11:00:00"	9.9823	357.41	57.182	60.594	570.28	26.311	0
"2015-04-27	12:00:00"	9.3771	357.37	57.733	61.909	438.04	26.323	0.02
"2015-04-27	13:00:00"	11.009	355.7	57.381	65.004	555.63	26.32	0
"2015-04-27	14:00:00"	14.379	345.21	60.174	48.655	512.54	26.32	0
"2015-04-27	15:00:00"	19.973	350.26	59.006	47.53	627.87	26.347	0
"2015-04-27	16:00:00"	19.926	351.61	56.893	49.95	559.86	26.361	0
"2015-04-27	17:00:00"	20.933	345.2	56.268	48.099	623.24	26.376	0
"2015-04-27	18:00:00"	21.826	344.68	51.803	54.143	333.65	26.403	0
"2015-04-27	19:00:00"	21.889	347.43	48.417	57.404	208.88	26.429	0
"2015-04-27	20:00:00"	22.407	351.83	46.054	61.434	75.673	26.447	0
"2015-04-27	21:00:00"	20.065	353.68	43.693	68.187	7.3099	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-27	22:00:00"	19.128	353.12	42.75	70.311	0.092	26.509	0
"2015-04-27	23:00:00"	17.552	349.99	42.582	72.811	0.08967	26.533	0
"2015-04-28	00:00:00"	16.811	348.99	43.412	71.701	0.09009	26.547	0
"2015-04-28	01:00:00"	15.778	356.62	43.838	70.826	0.11108	26.562	0
"2015-04-28	02:00:00"	13.916	352.37	43.792	71.74	0.08649	26.556	0
"2015-04-28	03:00:00"	15.04	351.59	43.895	72.038	0.09454	26.55	0
"2015-04-28	04:00:00"	16.114	352.32	43.016	77.615	0.0778	26.55	0
"2015-04-28	05:00:00"	15.759	358.79	43.576	74.019	0.07928	26.556	0
"2015-04-28	06:00:00"	14.178	356.11	43.948	72.915	0.08522	26.574	0
"2015-04-28	07:00:00"	11.974	359.89	43.997	72.593	0.11002	26.598	0
"2015-04-28	08:00:00"	10.581	353.06	44.727	70.903	8.394	26.618	0
"2015-04-28	09:00:00"	12.984	354.85	45.297	69.58	40.967	26.633	0
"2015-04-28	10:00:00"	14.633	355.45	47.492	64.345	377.46	26.636	0
"2015-04-28	11:00:00"	16.094	5.3107	51.788	52.667	647.98	26.636	0
"2015-04-28	12:00:00"	17.202	19.642	54.902	44.568	809.1	26.633	0
"2015-04-28	13:00:00"	15.919	17.046	56.6	40.178	733	26.624	0
"2015-04-28	14:00:00"	14.889	27.129	58.78	35.038	854.38	26.612	0
"2015-04-28	15:00:00"	14.201	30.52	59.893	34.626	904.17	26.609	0
"2015-04-28	16:00:00"	13.136	26.278	60.267	34.61	697.57	26.595	0
"2015-04-28	17:00:00"	12.531	31.937	61.005	32.824	662.93	26.574	0
"2015-04-28	18:00:00"	12.69	19.857	61.527	30.867	543.81	26.568	0
"2015-04-28	19:00:00"	12.894	37.306	61.103	32.234	301.49	26.574	0
"2015-04-28	20:00:00"	10.54	64.363	59.007	37.062	128.57	26.583	0
"2015-04-28	21:00:00"	5.6222	87.334	55.791	43.934	18.013	26.589	0
"2015-04-28	22:00:00"	3.297	91.885	52.19	49.641	0.06275	26.607	0
"2015-04-28	23:00:00"	1.6883	21.818	48.15	56.332	0.08394	26.615	0
"2015-04-29	00:00:00"	2.2848	69.927	46.692	60.324	0.10345	26.627	0
"2015-04-29	01:00:00"	2.465	154.53	47.238	62.262	0.09094	26.627	0
"2015-04-29	02:00:00"	2.2108	235.72	45.764	64.667	0.10048	26.615	0
"2015-04-29	03:00:00"	2.1586	277.18	42.317	70.206	0.09645	26.601	0
"2015-04-29	04:00:00"	3.1373	284.16	39.816	73.933	0.09052	26.598	0
"2015-04-29	05:00:00"	2.3246	306.53	38.588	77.533	0.09751	26.592	0
"2015-04-29	06:00:00"	3.635	322.51	39.537	77.126	0.10302	26.589	0
"2015-04-29	07:00:00"	5.506	320.95	40.431	75.391	0.30334	26.589	0
"2015-04-29	08:00:00"	6.2765	315.41	42.257	72.208	54.02	26.598	0
"2015-04-29	09:00:00"	7.298	305.78	49.053	59.013	244.85	26.607	0
"2015-04-29	10:00:00"	7.9629	299.38	55.637	46.935	482.47	26.607	0
"2015-04-29	11:00:00"	4.1582	312.18	59.869	35.529	704.47	26.598	0
"2015-04-29	12:00:00"	4.2054	20.365	61.987	30.271	886.8	26.589	0
"2015-04-29	13:00:00"	3.9177	337.44	64.855	26.545	1013.7	26.562	0
"2015-04-29	14:00:00"	4.8554	228.73	67	23.206	1075.3	26.533	0
"2015-04-29	15:00:00"	5.1418	201.09	68.942	19.091	1064.9	26.509	0
"2015-04-29	16:00:00"	3.5611	137.97	69.872	16.834	980.86	26.488	0
"2015-04-29	17:00:00"	5.1909	231.99	72.319	15.429	839.65	26.465	0
"2015-04-29	18:00:00"	6.1752	240.76	72.906	14.37	649.35	26.459	0
"2015-04-29	19:00:00"	5.035	228	72.857	14.346	407.04	26.447	0
"2015-04-29	20:00:00"	5.3637	187.62	71.596	15.213	188.01	26.444	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-04-29	21:00:00"	4.4639	178.86	67.07	19.712	20.919	26.447	0
"2015-04-29	22:00:00"	4.0861	181	61.515	22.873	0.08797	26.459	0
"2015-04-29	23:00:00"	4.9871	179.39	59.223	24.082	0.07907	26.462	0
"2015-04-30	00:00:00"	4.8976	196.58	57.392	27.246	0.0831	26.462	0
"2015-04-30	01:00:00"	3.0078	190.85	55.418	29.345	0.0649	26.456	0
"2015-04-30	02:00:00"	4.8013	213.97	55.223	29.247	0.09094	26.45	0
"2015-04-30	03:00:00"	3.5443	220.73	53.75	31.056	0.10578	26.435	0
"2015-04-30	04:00:00"	3.2057	240.97	52.258	32.604	0.09539	26.426	0
"2015-04-30	05:00:00"	3.8792	231.34	52.844	31.363	0.07123	26.42	0
"2015-04-30	06:00:00"	4.6957	208.42	51.852	32.136	0.08946	26.418	0
"2015-04-30	07:00:00"	3.2131	228.21	49.687	34.74	0.29847	26.423	0
"2015-04-30	08:00:00"	2.2189	228.78	49.971	34.725	59.753	26.438	0
"2015-04-30	09:00:00"	4.5074	236.17	54.135	33.66	251.75	26.45	0
"2015-04-30	10:00:00"	9.9488	194.95	62.654	27.626	487.77	26.462	0
"2015-04-30	11:00:00"	14.059	191.3	67.642	21.686	707.53	26.459	0
"2015-04-30	12:00:00"	13.653	188.81	70.779	19.07	888.79	26.465	0
"2015-04-30	13:00:00"	13.32	177.19	73.188	17.412	1015	26.453	0
"2015-04-30	14:00:00"	11.615	170.26	74.94	16.581	1073.3	26.438	0
"2015-04-30	15:00:00"	9.0596	183.64	76.586	15.285	1061.9	26.42	0
"2015-04-30	16:00:00"	9.786	158.7	77.303	14.867	977.83	26.409	0
"2015-04-30	17:00:00"	8.9073	172.41	77.777	14.137	833.44	26.391	0
"2015-04-30	18:00:00"	7.4223	174.63	78.224	13.664	640.36	26.388	0
"2015-04-30	19:00:00"	7.5155	170.67	77.983	13.583	413.97	26.388	0
"2015-04-30	20:00:00"	8.2214	162.02	77.007	13.963	185.58	26.388	0
"2015-04-30	21:00:00"	6.7916	151.26	73.351	16.308	18.418	26.391	0
"2015-04-30	22:00:00"	7.1451	144.08	69.872	17.958	0.07801	26.4	0
"2015-04-30	23:00:00"	9.7878	139.87	67.879	18.778	0.07313	26.412	0
"2015-05-01	00:00:00"	8.2139	147.98	64.954	20.288	0.08903	26.42	0
"2015-05-01	01:00:00"	8.1424	154.06	62.1	22.024	0.08098	26.426	0
"2015-05-01	02:00:00"	8.8819	168.56	59.825	26.561	0.0867	26.42	0
"2015-05-01	03:00:00"	7.3098	181.36	57.718	32.218	0.06953	26.415	0
"2015-05-01	04:00:00"	5.3649	178.75	55.049	37.604	0.09348	26.415	0
"2015-05-01	05:00:00"	4.2862	179.45	53.978	41.238	0.08967	26.423	0
"2015-05-01	06:00:00"	3.4511	183.03	53.726	42.766	0.09666	26.429	0
"2015-05-01	07:00:00"	4.6348	174.05	53.453	43.582	0.31818	26.432	0
"2015-05-01	08:00:00"	7.0724	164.45	54.219	44.467	55.375	26.45	0
"2015-05-01	09:00:00"	9.3386	179.44	57.721	42.633	246.77	26.468	0
"2015-05-01	10:00:00"	13.129	181.26	64.508	34.211	479.84	26.48	0
"2015-05-01	11:00:00"	12.004	172.66	69.54	28.473	699.43	26.491	0
"2015-05-01	12:00:00"	12.839	164.32	74.48	22.969	880.71	26.503	0
"2015-05-01	13:00:00"	14.638	163.39	78.735	16.742	1007.6	26.5	0
"2015-05-01	14:00:00"	15.762	159.42	80.628	14.377	1069	26.488	0
"2015-05-01	15:00:00"	14.37	149.8	80.977	14.238	1056.2	26.48	0
"2015-05-01	16:00:00"	12.547	157.15	81.736	14.318	971.31	26.459	0
"2015-05-01	17:00:00"	11.956	157.28	82.166	14.34	825.95	26.444	0
"2015-05-01	18:00:00"	13.026	157.81	81.814	14.259	634.35	26.435	0
"2015-05-01	19:00:00"	12.687	151.4	81.017	15.141	410.66	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-01	20:00:00"	12.062	146.15	79.621	16.658	185.14	26.432	0
"2015-05-01	21:00:00"	9.5604	141.2	75.705	20.286	21.345	26.45	0
"2015-05-01	22:00:00"	8.6625	136.82	71.09	23.706	0.08182	26.465	0
"2015-05-01	23:00:00"	10.302	141.15	68.645	24.616	0.08288	26.48	0
"2015-05-02	00:00:00"	9.5206	150.35	66.299	25.875	0.08013	26.48	0
"2015-05-02	01:00:00"	6.8143	161.33	62.236	30.362	0.08836	26.485	0
"2015-05-02	02:00:00"	7.5565	164.71	60.975	32.682	0.09412	26.483	0
"2015-05-02	03:00:00"	6.3983	166.21	60.117	35.703	0.09645	26.471	0
"2015-05-02	04:00:00"	3.8345	174.2	56.853	41.499	0.07843	26.462	0
"2015-05-02	05:00:00"	5.0319	167.99	56.377	44.554	0.09709	26.453	0
"2015-05-02	06:00:00"	4.9324	175.28	55.448	48.095	0.07271	26.456	0
"2015-05-02	07:00:00"	4.8759	175.57	54.962	50.256	0.18485	26.465	0
"2015-05-02	08:00:00"	7.5285	170.78	56.293	51.433	59.542	26.483	0
"2015-05-02	09:00:00"	12.668	169.5	59.498	49.342	148.74	26.485	0
"2015-05-02	10:00:00"	16.825	172.27	64.269	46.131	483.75	26.488	0
"2015-05-02	11:00:00"	17.002	169.73	67.797	40.777	708.25	26.491	0
"2015-05-02	12:00:00"	16.787	174.3	71.158	35.59	880.28	26.494	0
"2015-05-02	13:00:00"	16.118	168.5	74.462	30.805	1002.5	26.471	0
"2015-05-02	14:00:00"	17.382	170.98	77.124	26.884	1064.5	26.441	0
"2015-05-02	15:00:00"	16.347	164.68	80.059	22.83	1053.2	26.42	0
"2015-05-02	16:00:00"	14.609	172.12	81.863	19.973	968.47	26.388	0
"2015-05-02	17:00:00"	14.019	178.55	83.282	18.471	819.37	26.361	0
"2015-05-02	18:00:00"	14.582	173.29	83.894	17.662	637.91	26.347	0
"2015-05-02	19:00:00"	14.466	166.31	83.553	17.541	413.06	26.341	0
"2015-05-02	20:00:00"	14.066	162.23	81.892	19.424	187.12	26.341	0
"2015-05-02	21:00:00"	10.003	156.47	77.652	24.385	22.888	26.353	0
"2015-05-02	22:00:00"	9.0782	145.68	72.524	30.329	0.07928	26.367	0
"2015-05-02	23:00:00"	9.4504	150.24	69.52	35.426	0.07843	26.385	0
"2015-05-03	00:00:00"	8.8465	158.34	66.539	41.752	0.07271	26.391	0
"2015-05-03	01:00:00"	12.211	172.83	65.835	42.861	0.06826	26.385	0
"2015-05-03	02:00:00"	10.166	176.04	63.578	45.973	0.09115	26.385	0
"2015-05-03	03:00:00"	8.7806	175.12	61.605	49.921	0.06041	26.37	0
"2015-05-03	04:00:00"	8.7694	183.97	60.252	52.016	0.06868	26.373	0
"2015-05-03	05:00:00"	9.6648	191.65	59.7	52.913	0.07504	26.37	0
"2015-05-03	06:00:00"	5.4594	153.45	58.245	56.156	0.08161	26.356	0
"2015-05-03	07:00:00"	5.8757	128.3	57.118	59.238	0.27112	26.367	0
"2015-05-03	08:00:00"	4.1315	71.329	55.251	63.444	23.531	26.403	0
"2015-05-03	09:00:00"	3.2871	33.162	56.641	63.38	175.93	26.409	0
"2015-05-03	10:00:00"	7.9529	176.52	61.776	55.662	381.27	26.403	0
"2015-05-03	11:00:00"	9.5405	181.55	66.778	48.646	727.65	26.406	0
"2015-05-03	12:00:00"	8.9571	170.96	71.73	41.84	888.34	26.409	0
"2015-05-03	13:00:00"	7.3639	171.61	75.897	35.651	1025.3	26.397	0
"2015-05-03	14:00:00"	9.2491	169.85	80.115	28.845	1064	26.379	0
"2015-05-03	15:00:00"	9.6126	162.75	83.247	23.689	1063.7	26.358	0
"2015-05-03	16:00:00"	10.604	168.23	84.821	21.48	893.93	26.335	0
"2015-05-03	17:00:00"	11.602	167.82	85.51	19.174	719.8	26.317	0
"2015-05-03	18:00:00"	14.142	184.43	83.227	24.701	153.29	26.314	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-03	19:00:00"	10.756	175	82.071	25.815	103.94	26.326	0
"2015-05-03	20:00:00"	10.481	199.37	76.071	35.945	14.378	26.37	0.03
"2015-05-03	21:00:00"	16.385	188.27	66.18	58.742	3.0464	26.367	0.03
"2015-05-03	22:00:00"	15.293	150.48	65.884	54.712	0.09518	26.367	0.02
"2015-05-03	23:00:00"	11.548	139.71	65.559	58.239	0.07992	26.364	0.01
"2015-05-04	00:00:00"	12.06	157.83	64.871	70.452	0.0655	26.361	0
"2015-05-04	01:00:00"	9.0142	178.51	63.471	74.543	0.09709	26.364	0
"2015-05-04	02:00:00"	4.8523	175.29	62.595	76.684	0.08967	26.37	0
"2015-05-04	03:00:00"	3.9575	107.19	60.57	80.368	0.07737	26.379	0
"2015-05-04	04:00:00"	3.8624	59.715	58.299	85.271	0.06635	26.356	0
"2015-05-04	05:00:00"	2.7508	71.032	57.274	86.154	0.08458	26.35	0
"2015-05-04	06:00:00"	6.6822	84.553	58.187	83.867	0.07038	26.341	0
"2015-05-04	07:00:00"	5.4581	114.44	59.073	83.226	0.31119	26.391	0
"2015-05-04	08:00:00"	3.6636	92.711	58.314	85.043	39.454	26.409	0
"2015-05-04	09:00:00"	6.5611	103.3	60.797	82.911	105.12	26.441	0
"2015-05-04	10:00:00"	6.7848	170.06	64.57	77.666	229.93	26.447	0
"2015-05-04	11:00:00"	8.2872	146.5	67.045	73.361	385.01	26.441	0
"2015-05-04	12:00:00"	13.144	152.92	69.664	66.286	571.58	26.438	0
"2015-05-04	13:00:00"	12.787	145.23	72.07	59.459	577.65	26.426	0
"2015-05-04	14:00:00"	14.265	152.1	74.162	52.46	562.91	26.403	0
"2015-05-04	15:00:00"	17.187	148.38	74.417	49.536	296.27	26.37	0
"2015-05-04	16:00:00"	19.065	154.67	74.824	48.943	513.21	26.344	0.02
"2015-05-04	17:00:00"	20.795	158.9	77.141	43.202	808.9	26.305	0
"2015-05-04	18:00:00"	20.938	158.75	76.367	45.119	288.43	26.311	0
"2015-05-04	19:00:00"	19.682	155.26	73.577	52.458	114.33	26.291	0
"2015-05-04	20:00:00"	17.209	152.6	71.744	57.493	29.167	26.299	0
"2015-05-04	21:00:00"	13.995	169.15	69.86	65.201	1.472	26.35	0
"2015-05-04	22:00:00"	8.281	184.51	65.988	79.663	0.06995	26.323	0.01
"2015-05-04	23:00:00"	3.0851	258.44	65.538	81.504	0.06656	26.37	0.01
"2015-05-05	00:00:00"	7.897	122.69	63.789	83.385	0.09306	26.323	0.01
"2015-05-05	01:00:00"	4.8057	49.131	61.452	88.222	0.0778	26.341	0
"2015-05-05	02:00:00"	6.6797	68.896	61.597	87.556	0.08522	26.302	0
"2015-05-05	03:00:00"	7.4848	88.088	61.56	89.504	0.07398	26.285	0.01
"2015-05-05	04:00:00"	14.233	138.9	62.662	89.149	0.07271	26.258	0.01
"2015-05-05	05:00:00"	13.259	161.24	62.806	88.598	0.08479	26.299	0
"2015-05-05	06:00:00"	6.4821	2.8338	56.719	85.886	0.08903	26.305	0.01
"2015-05-05	07:00:00"	6.2149	47.692	54.745	90.972	0.09073	26.314	0
"2015-05-05	08:00:00"	4.7454	72.728	55.171	90.955	5.4884	26.32	0.01
"2015-05-05	09:00:00"	4.7137	62.795	55.541	90.529	102.99	26.335	0
"2015-05-05	10:00:00"	5.2543	54.625	58.212	84.333	467.25	26.358	0
"2015-05-05	11:00:00"	4.2595	23.802	60.734	77.092	686.81	26.353	0.01
"2015-05-05	12:00:00"	2.757	155.6	65.195	61.982	877.37	26.356	0
"2015-05-05	13:00:00"	7.0929	230.05	68.822	55.718	1010.7	26.356	0.01
"2015-05-05	14:00:00"	10.614	234.55	71.426	52.934	999.49	26.338	0
"2015-05-05	15:00:00"	11.65	227.02	73.76	46.333	1094.9	26.308	0
"2015-05-05	16:00:00"	12.649	217.76	75.371	37.716	1000.3	26.296	0
"2015-05-05	17:00:00"	14.525	223.25	76.897	26.36	819.94	26.282	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-05	18:00:00"	15.253	233.67	77.94	21.935	607.45	26.282	0
"2015-05-05	19:00:00"	13.442	232.79	77.425	21.546	415.83	26.282	0
"2015-05-05	20:00:00"	10.766	241.17	76.1	23.023	192.65	26.285	0
"2015-05-05	21:00:00"	4.9759	251.27	71.534	30.116	24.62	26.296	0
"2015-05-05	22:00:00"	3.2547	215.94	68.064	35.775	0.06868	26.311	0
"2015-05-05	23:00:00"	2.0425	220.11	67.066	36.835	0.07229	26.326	0
"2015-05-06	00:00:00"	1.7181	219.04	66.697	35.63	0.06656	26.332	0
"2015-05-06	01:00:00"	8.1754	168.68	62.787	57.856	0.08882	26.338	0
"2015-05-06	02:00:00"	8.0275	179.85	61.481	80.091	0.07165	26.338	0
"2015-05-06	03:00:00"	7.0488	180.03	61.53	88.181	0.06253	26.329	0
"2015-05-06	04:00:00"	11.566	193.87	62.448	89.619	0.07546	26.32	0
"2015-05-06	05:00:00"	12.989	189.44	62.6	90.219	0.09942	26.32	0
"2015-05-06	06:00:00"	12.36	186.25	62.397	91.072	0.10302	26.323	0
"2015-05-06	07:00:00"	10.73	193.84	62.311	91.631	0.1558	26.338	0
"2015-05-06	08:00:00"	13.125	194.08	62.267	91.476	15.865	26.347	0
"2015-05-06	09:00:00"	13.057	189.42	63.105	87.249	136.02	26.353	0
"2015-05-06	10:00:00"	14.202	189.52	65.479	78.947	467.98	26.356	0
"2015-05-06	11:00:00"	12.417	194.5	69.916	58.99	707.75	26.358	0
"2015-05-06	12:00:00"	11.872	225.54	74.21	39.392	892.62	26.358	0
"2015-05-06	13:00:00"	12.032	232.45	77.774	27.327	1017.3	26.347	0
"2015-05-06	14:00:00"	10.437	220.35	78.766	23.207	1080.1	26.329	0
"2015-05-06	15:00:00"	11.013	199.9	79.072	23.417	1065.3	26.308	0
"2015-05-06	16:00:00"	13.883	193.97	80.318	22.24	983.33	26.285	0
"2015-05-06	17:00:00"	12.903	205.24	81.328	20.764	808.99	26.264	0
"2015-05-06	18:00:00"	12.827	196.48	81.709	19.764	642.08	26.252	0
"2015-05-06	19:00:00"	11.76	198.51	81.794	19.325	424.27	26.234	0
"2015-05-06	20:00:00"	9.5772	177.99	80.775	21.048	195.06	26.232	0
"2015-05-06	21:00:00"	3.7574	150.8	76.854	28.59	25.68	26.232	0
"2015-05-06	22:00:00"	10.212	148.64	73.088	47.861	0.0725	26.258	0
"2015-05-06	23:00:00"	12.104	159.33	69.72	61.026	0.07017	26.273	0
"2015-05-07	00:00:00"	12.676	174.64	68.479	65.859	0.08055	26.273	0
"2015-05-07	01:00:00"	13.654	171.47	67.772	72.486	0.07462	26.267	0
"2015-05-07	02:00:00"	12.355	172.1	66.814	78.014	0.06465	26.27	0
"2015-05-07	03:00:00"	9.9189	180.28	65.706	82.618	0.09073	26.261	0
"2015-05-07	04:00:00"	7.1159	197.08	65.856	83.378	0.10451	26.264	0
"2015-05-07	05:00:00"	8.2711	185.78	66.403	82.572	0.10323	26.267	0
"2015-05-07	06:00:00"	7.326	174.18	66.56	82.287	0.07992	26.258	0
"2015-05-07	07:00:00"	7.5167	147.66	66.441	82.946	0.19672	26.273	0
"2015-05-07	08:00:00"	6.3237	155.47	66.575	83.652	18.297	26.294	0
"2015-05-07	09:00:00"	6.7164	158.32	67.476	81.716	145.26	26.305	0
"2015-05-07	10:00:00"	7.5086	174.34	68.754	77.571	367.47	26.308	0
"2015-05-07	11:00:00"	7.7591	189.27	70.777	69.879	636.31	26.311	0
"2015-05-07	12:00:00"	6.7456	208.28	74.073	57.472	870.23	26.311	0
"2015-05-07	13:00:00"	7.9728	235.89	77.34	44.975	990.27	26.305	0
"2015-05-07	14:00:00"	9.2485	255.54	80.795	29.423	1075	26.294	0
"2015-05-07	15:00:00"	10.076	254.07	83.015	19.678	1071.1	26.288	0
"2015-05-07	16:00:00"	12.286	233.05	83.748	17.878	987.91	26.276	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-07	17:00:00"	14.4	230.33	84.52	14.508	852.76	26.27	0
"2015-05-07	18:00:00"	13.046	234.01	84.565	12.827	658.72	26.267	0
"2015-05-07	19:00:00"	12.861	236.92	83.588	11.945	431.48	26.27	0
"2015-05-07	20:00:00"	7.4856	240.05	82.064	12.825	197.99	26.276	0
"2015-05-07	21:00:00"	2.2096	290.13	77.219	19.013	25.313	26.273	0
"2015-05-07	22:00:00"	1.2285	126.19	69.285	29.918	0.09624	26.288	0
"2015-05-07	23:00:00"	1.6721	9.3828	66.727	32.697	0.06614	26.288	0
"2015-05-08	00:00:00"	8.2096	72.455	61.447	66.339	0.08182	26.302	0
"2015-05-08	01:00:00"	10.894	92.748	59.59	84.964	0.07716	26.299	0
"2015-05-08	02:00:00"	8.8837	94.223	58.632	86.804	0.06571	26.308	0
"2015-05-08	03:00:00"	10.111	81.743	58.077	87.404	0.07144	26.302	0
"2015-05-08	04:00:00"	9.5076	74.911	58.366	85.602	0.06741	26.302	0
"2015-05-08	05:00:00"	9.0155	66.604	59.383	83.399	0.09009	26.308	0
"2015-05-08	06:00:00"	9.6201	77.258	61.188	80.86	0.07356	26.311	0
"2015-05-08	07:00:00"	8.7185	69.272	62.514	82.291	0.33111	26.323	0
"2015-05-08	08:00:00"	5.7862	63.011	63.03	84.101	33.085	26.338	0
"2015-05-08	09:00:00"	5.8949	107.11	66.254	82.418	167.39	26.338	0
"2015-05-08	10:00:00"	3.348	123.45	68.366	80.155	162.62	26.338	0
"2015-05-08	11:00:00"	5.8154	198.36	71.812	72.83	506.69	26.341	0
"2015-05-08	12:00:00"	6.8612	235.83	75.841	59.261	766.28	26.338	0
"2015-05-08	13:00:00"	6.7027	273.25	79.028	43.932	996.05	26.332	0
"2015-05-08	14:00:00"	7.0768	284.04	81.508	29.209	1080.9	26.314	0
"2015-05-08	15:00:00"	8.9185	239.03	83.568	22.824	1073.1	26.305	0
"2015-05-08	16:00:00"	10.529	227.54	84.745	20.144	987.8	26.285	0
"2015-05-08	17:00:00"	12.003	220.85	85.529	16.421	846.78	26.27	0
"2015-05-08	18:00:00"	10.971	220.27	85.877	15.064	654.2	26.252	0
"2015-05-08	19:00:00"	8.0865	234.72	85.567	16.165	427.29	26.243	0
"2015-05-08	20:00:00"	2.6992	193.8	84.657	16.414	195.22	26.234	0
"2015-05-08	21:00:00"	2.8098	54.184	79.053	26.234	27.045	26.226	0
"2015-05-08	22:00:00"	8.6886	68.42	70.797	49.248	0.09242	26.246	0
"2015-05-08	23:00:00"	13.762	80.978	67.916	72.897	0.09136	26.252	0
"2015-05-09	00:00:00"	14.735	87.886	65.927	76.044	0.07568	26.252	0
"2015-05-09	01:00:00"	12.161	88.582	64.003	79.263	0.08246	26.258	0
"2015-05-09	02:00:00"	12.044	89.963	64.023	81	0.06656	26.237	0
"2015-05-09	03:00:00"	6.0695	76.942	63.966	83.878	0.10769	26.232	0
"2015-05-09	04:00:00"	5.3121	60.085	63.979	85.058	0.08034	26.223	0
"2015-05-09	05:00:00"	4.1489	27.619	63.502	86.312	0.08394	26.226	0
"2015-05-09	06:00:00"	1.6398	25.533	60.822	88.6	0.08458	26.229	0
"2015-05-09	07:00:00"	1.0501	37.345	58.004	90.866	0.39746	26.261	0
"2015-05-09	08:00:00"	2.1655	318	57.048	91.501	67.943	26.285	0
"2015-05-09	09:00:00"	7.8429	300.61	62.988	78.749	272.42	26.308	0
"2015-05-09	10:00:00"	11.111	297.98	69.786	37.676	512.22	26.32	0
"2015-05-09	11:00:00"	10.243	286.42	72.656	25.19	733.22	26.308	0
"2015-05-09	12:00:00"	11.964	254.93	75.571	20.233	914.47	26.317	0
"2015-05-09	13:00:00"	13.803	241.91	77.444	18.439	1039.4	26.302	0
"2015-05-09	14:00:00"	14.067	230.36	78.736	17.797	1096.1	26.279	0
"2015-05-09	15:00:00"	18.178	235.27	81.828	13.618	1089.5	26.276	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-09	16:00:00"	17.472	246	82.095	11.62	1002.4	26.267	0
"2015-05-09	17:00:00"	17.978	257.82	81.959	9.9695	862.66	26.267	0
"2015-05-09	18:00:00"	18.103	262.63	80.881	9.8233	668.42	26.258	0
"2015-05-09	19:00:00"	16.715	275.86	79.571	10.128	441.42	26.261	0
"2015-05-09	20:00:00"	14.693	283.58	77.137	9.1931	208.58	26.258	0
"2015-05-09	21:00:00"	11.075	301.14	72.977	11.02	29.678	26.255	0
"2015-05-09	22:00:00"	3.0814	30.046	66.172	17.633	0.07059	26.273	0
"2015-05-09	23:00:00"	3.3964	306.45	61.128	23.931	0.07207	26.288	0
"2015-05-10	00:00:00"	1.5683	324.13	58.057	27.62	0.08437	26.311	0
"2015-05-10	01:00:00"	1.4004	298.6	57.877	28.783	0.06913	26.305	0
"2015-05-10	02:00:00"	2.6421	340.88	53.777	36.69	0.07737	26.291	0
"2015-05-10	03:00:00"	6.6008	311.65	53.814	34.123	0.07949	26.282	0
"2015-05-10	04:00:00"	9.3175	313.14	54.865	30.295	0.0831	26.302	0
"2015-05-10	05:00:00"	5.4208	348.59	53.421	31.239	0.08522	26.329	0
"2015-05-10	06:00:00"	8.7222	353.76	54.324	32.092	0.06953	26.335	0
"2015-05-10	07:00:00"	7.7615	352.59	51.228	39.95	0.61644	26.35	0
"2015-05-10	08:00:00"	10.236	351.1	52.323	39.936	75.32	26.364	0
"2015-05-10	09:00:00"	11.217	352.79	57.802	34.321	279.7	26.373	0
"2015-05-10	10:00:00"	12.603	350.19	61.851	28.754	519.64	26.382	0
"2015-05-10	11:00:00"	10.94	338.39	65.21	25.488	742.01	26.382	0
"2015-05-10	12:00:00"	6.9426	317.38	67.963	22.017	925.62	26.382	0
"2015-05-10	13:00:00"	7.8436	295.47	71.044	19.071	1051.3	26.373	0
"2015-05-10	14:00:00"	10.905	251.56	74.142	16.097	1113.2	26.361	0
"2015-05-10	15:00:00"	10.658	262.84	75.695	14.643	1101.7	26.356	0
"2015-05-10	16:00:00"	9.5666	256.02	76.969	12.478	1019.1	26.35	0
"2015-05-10	17:00:00"	9.3174	239.63	77.504	12.071	870.91	26.344	0
"2015-05-10	18:00:00"	8.1095	233.3	77.415	12.252	673.92	26.338	0
"2015-05-10	19:00:00"	6.7052	196.82	77.014	12.627	445.3	26.335	0
"2015-05-10	20:00:00"	2.4762	115.3	76.942	13.005	212.3	26.344	0
"2015-05-10	21:00:00"	4.9455	130.77	74.212	15.535	33.795	26.361	0
"2015-05-10	22:00:00"	2.0257	23.017	64.007	28.563	0.06253	26.376	0
"2015-05-10	23:00:00"	0.98052	62.212	59.791	33.037	0.07843	26.4	0
"2015-05-11	00:00:00"	1.6069	130.73	61.727	28.258	0.08246	26.409	0
"2015-05-11	01:00:00"	1.7846	182.85	60.835	29.136	0.078	26.412	0
"2015-05-11	02:00:00"	1.9592	37.004	53.104	41.488	0.07568	26.423	0
"2015-05-11	03:00:00"	8.7303	91.872	56.899	47.402	0.09475	26.429	0
"2015-05-11	04:00:00"	9.2833	76.531	54.905	65.311	0.08903	26.438	0
"2015-05-11	05:00:00"	9.2087	72.662	53.236	70.761	0.08479	26.441	0
"2015-05-11	06:00:00"	9.218	58.352	50.609	75.758	0.0797	26.462	0
"2015-05-11	07:00:00"	10.824	48.924	50.072	76.811	1.0156	26.485	0
"2015-05-11	08:00:00"	13.296	46.992	50.575	72.55	43.805	26.509	0
"2015-05-11	09:00:00"	17.366	60.856	53.58	60.504	247.67	26.539	0
"2015-05-11	10:00:00"	19.269	67.766	55.929	53.176	496.89	26.565	0
"2015-05-11	11:00:00"	17.126	69.119	57.858	48.651	668.39	26.586	0
"2015-05-11	12:00:00"	14.911	66.691	59.049	45.453	691.32	26.595	0
"2015-05-11	13:00:00"	13.517	64.447	61.487	42.947	867.33	26.592	0
"2015-05-11	14:00:00"	12.109	70.049	63.807	41.836	1016.5	26.583	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-11	15:00:00"	10.984	75.032	65.867	41.291	910.56	26.574	0
"2015-05-11	16:00:00"	10.184	80.93	67.319	40.357	931.48	26.556	0
"2015-05-11	17:00:00"	10.485	91.787	68.159	40.954	736.08	26.539	0
"2015-05-11	18:00:00"	10.242	84.994	69.082	40.965	574.18	26.527	0
"2015-05-11	19:00:00"	10.646	77.417	69.386	40.446	438.81	26.518	0
"2015-05-11	20:00:00"	12.984	95.387	68.679	42.055	259.98	26.545	0
"2015-05-11	21:00:00"	12.415	95.29	65.384	47.036	38.638	26.559	0
"2015-05-11	22:00:00"	10.641	90.064	61.917	52.786	0.06105	26.583	0
"2015-05-11	23:00:00"	10.344	84.925	59.641	56.983	0.0797	26.598	0
"2015-05-12	00:00:00"	10.44	72.419	57.682	60.601	0.07144	26.615	0
"2015-05-12	01:00:00"	12.63	72.137	57.173	59.658	0.07948	26.601	0
"2015-05-12	02:00:00"	11.845	76.922	56.685	57.878	0.08522	26.607	0
"2015-05-12	03:00:00"	11.207	87.083	56.315	57.593	0.08691	26.609	0
"2015-05-12	04:00:00"	12.8	87.443	55.681	58.266	0.09709	26.604	0
"2015-05-12	05:00:00"	11.591	78.928	54.105	64.677	0.0778	26.604	0
"2015-05-12	06:00:00"	12.238	70.055	54.093	65.576	0.09306	26.615	0
"2015-05-12	07:00:00"	14.696	84.095	54.148	67.561	0.09433	26.63	0.01
"2015-05-12	08:00:00"	15.874	76.626	50.41	85.455	1.2774	26.648	0.04
"2015-05-12	09:00:00"	11.984	53.657	49.424	86.397	56.97	26.669	0.01
"2015-05-12	10:00:00"	14.515	80.437	51.196	80.251	246.73	26.674	0.01
"2015-05-12	11:00:00"	13.379	91.999	51.952	83.832	138.7	26.674	0.01
"2015-05-12	12:00:00"	11.858	98.103	53.675	82.511	269.35	26.683	0.01
"2015-05-12	13:00:00"	10.538	97	54.942	81.785	221.92	26.669	0
"2015-05-12	14:00:00"	10.619	90.975	56.628	80.597	331.22	26.636	0
"2015-05-12	15:00:00"	10.655	99.095	59.961	75.374	493.81	26.621	0
"2015-05-12	16:00:00"	10.594	106.5	61.674	72.561	453.77	26.577	0
"2015-05-12	17:00:00"	10.429	107.09	64.819	68.136	326.74	26.536	0
"2015-05-12	18:00:00"	10.622	114.35	65.941	66.25	165.05	26.53	0
"2015-05-12	19:00:00"	10.401	127.5	65.887	67.32	39.102	26.524	0
"2015-05-12	20:00:00"	10.897	121.57	65.913	66.016	59.318	26.506	0
"2015-05-12	21:00:00"	11.272	97.777	64.094	68.89	9.7608	26.536	0
"2015-05-12	22:00:00"	12.665	105.58	62.806	72.795	0.07652	26.542	0
"2015-05-12	23:00:00"	12.974	110.44	61.57	77.026	0.0831	26.556	0
"2015-05-13	00:00:00"	12.278	105.78	60.14	81.173	0.06487	26.527	0
"2015-05-13	01:00:00"	11.429	112.46	59.323	83.566	0.06236	26.512	0
"2015-05-13	02:00:00"	11.912	111.7	59.113	84.929	0.06805	26.494	0
"2015-05-13	03:00:00"	10.969	115.84	58.456	89.021	0.08776	26.471	0.02
"2015-05-13	04:00:00"	8.5538	112.29	58.194	90.932	0.08182	26.444	0.01
"2015-05-13	05:00:00"	9.9469	120.67	58.263	91.51	0.06444	26.406	0
"2015-05-13	06:00:00"	8.6849	124.69	58.792	91.002	0.06063	26.397	0.01
"2015-05-13	07:00:00"	10.882	182.69	59.617	90.063	0.1274	26.426	0.01
"2015-05-13	08:00:00"	9.7661	202.59	59.862	89.447	21.481	26.429	0.01
"2015-05-13	09:00:00"	8.2978	222.78	60.034	87.952	107.21	26.444	0
"2015-05-13	10:00:00"	8.0225	235.79	61.736	84.163	382.72	26.45	0.01
"2015-05-13	11:00:00"	10.597	229.65	64.786	72.549	694.65	26.453	0
"2015-05-13	12:00:00"	12.272	249.77	67.51	58.536	585.13	26.459	0
"2015-05-13	13:00:00"	13.986	254.1	69.097	48.972	888.27	26.441	0

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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-13	14:00:00"	13.568	248.3	70.769	45.786	858.69	26.432	0
"2015-05-13	15:00:00"	14.224	260.61	71.238	44.504	716.17	26.429	0
"2015-05-13	16:00:00"	13.004	280.34	71.048	48.2	834.92	26.426	0
"2015-05-13	17:00:00"	12.184	277.11	72.247	43.541	841.66	26.415	0
"2015-05-13	18:00:00"	11.103	265.6	73.252	40.32	654.66	26.415	0
"2015-05-13	19:00:00"	9.6076	268.93	73.309	40.109	438.36	26.406	0
"2015-05-13	20:00:00"	8.5494	258.39	72.864	39.234	215.38	26.406	0
"2015-05-13	21:00:00"	3.6692	230.27	69.804	46.04	35.19	26.415	0
"2015-05-13	22:00:00"	4.8821	188.07	67.025	52.152	0.07419	26.435	0
"2015-05-13	23:00:00"	3.5996	173.94	62.877	63.532	0.09412	26.45	0
"2015-05-14	00:00:00"	4.3968	165.69	61.803	65.996	0.07546	26.456	0
"2015-05-14	01:00:00"	3.8288	167.45	60.455	68.169	0.08371	26.459	0
"2015-05-14	02:00:00"	7.3645	188.21	59.174	75.89	0.09497	26.465	0
"2015-05-14	03:00:00"	8.2294	187.32	58.368	87.177	0.10133	26.459	0
"2015-05-14	04:00:00"	10.555	192.91	58.464	89.693	0.08182	26.459	0
"2015-05-14	05:00:00"	12.545	188.25	59.859	90.795	0.08076	26.468	0
"2015-05-14	06:00:00"	11.85	182.92	60.543	90.013	0.08522	26.465	0
"2015-05-14	07:00:00"	9.786	162.02	60.944	89.221	0.78242	26.471	0
"2015-05-14	08:00:00"	8.2847	149.31	61.271	89.443	58.107	26.483	0
"2015-05-14	09:00:00"	9.0453	145.44	62.999	86.866	211.73	26.491	0
"2015-05-14	10:00:00"	9.5064	152.52	64.599	82.67	391.31	26.5	0
"2015-05-14	11:00:00"	7.9281	159.41	67.156	75.569	587.22	26.5	0
"2015-05-14	12:00:00"	6.7717	147.52	70.52	65.973	763.02	26.494	0
"2015-05-14	13:00:00"	8.1673	152.66	73.759	57.019	757.92	26.477	0
"2015-05-14	14:00:00"	9.7126	155.63	75.472	55.179	775.64	26.453	0
"2015-05-14	15:00:00"	11.404	150.44	77.018	52.298	827.23	26.423	0
"2015-05-14	16:00:00"	14.332	169.33	78.652	48.282	720.23	26.4	0
"2015-05-14	17:00:00"	13.448	170.85	77.602	50.047	237.94	26.373	0
"2015-05-14	18:00:00"	14.379	172.75	69.63	69.113	31.945	26.415	0.01
"2015-05-14	19:00:00"	8.2673	108.72	62.963	65.98	48.662	26.344	0.01
"2015-05-14	20:00:00"	12.114	142.91	66.771	62.917	55.842	26.344	0
"2015-05-14	21:00:00"	11.301	147.75	66.414	67.235	5.6378	26.326	0.01
"2015-05-14	22:00:00"	3.2579	129.56	63.734	68.501	0.08734	26.37	0
"2015-05-14	23:00:00"	5.0362	173.93	62.379	77.096	0.07758	26.382	0
"2015-05-15	00:00:00"	3.6158	165.69	61.309	75.45	0.06529	26.379	0.01
"2015-05-15	01:00:00"	5.6134	180.95	62.001	80.496	0.0873	26.364	0
"2015-05-15	02:00:00"	5.7116	222.07	61.878	83.82	0.09942	26.361	0
"2015-05-15	03:00:00"	4.8448	203.11	60.879	86.77	0.07674	26.335	0
"2015-05-15	04:00:00"	2.9726	182.74	59.994	89.368	0.0814	26.338	0.01
"2015-05-15	05:00:00"	2.8552	159.44	58.917	91.035	0.07271	26.353	0
"2015-05-15	06:00:00"	5.1232	151.11	59.12	85.617	0.07546	26.367	0
"2015-05-15	07:00:00"	3.146	162.24	58.04	83.933	0.75973	26.373	0
"2015-05-15	08:00:00"	8.6694	155.53	58.995	90.367	30.336	26.394	0
"2015-05-15	09:00:00"	9.5231	178.47	62.055	91.436	232.76	26.397	0
"2015-05-15	10:00:00"	11.393	182.23	66.288	76.973	502.23	26.4	0
"2015-05-15	11:00:00"	13.973	187.74	69.943	61.966	720.36	26.394	0
"2015-05-15	12:00:00"	13.807	190.8	72.148	53.546	898.81	26.391	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-15	13:00:00"	12.835	202.36	74.326	47.928	1035	26.379	0
"2015-05-15	14:00:00"	12.587	201.63	76.361	42.062	1075.9	26.353	0.01
"2015-05-15	15:00:00"	13.422	213.27	78.341	34.801	1057.1	26.332	0
"2015-05-15	16:00:00"	13.343	207.32	79.377	30.861	921.94	26.311	0
"2015-05-15	17:00:00"	13.734	196.03	80.05	29.429	789.27	26.273	0
"2015-05-15	18:00:00"	14.423	189.92	80.722	28.507	620.13	26.258	0
"2015-05-15	19:00:00"	14.71	187.68	81.126	27.624	427.96	26.246	0
"2015-05-15	20:00:00"	14.38	150.87	78.964	35.081	184.25	26.24	0
"2015-05-15	21:00:00"	10.51	141.72	75.333	43.476	13.372	26.243	0
"2015-05-15	22:00:00"	14.025	138.14	73.464	50.772	0.05257	26.246	0
"2015-05-15	23:00:00"	12.191	151.39	69.909	65.298	0.07525	26.273	0
"2015-05-16	00:00:00"	5.9415	138.53	64.612	80.8	0.0973	26.279	0.05
"2015-05-16	01:00:00"	8.597	131.7	65.36	79.93	0.09111	26.255	0
"2015-05-16	02:00:00"	12.548	159.01	65.779	81.915	0.0655	26.237	0
"2015-05-16	03:00:00"	10.793	170.45	65.245	81.515	0.08055	26.232	0
"2015-05-16	04:00:00"	10.125	179.74	64.259	86.729	0.07928	26.223	0.01
"2015-05-16	05:00:00"	12.062	171.79	64.987	88.896	0.06932	26.223	0
"2015-05-16	06:00:00"	14.357	172.16	65.638	88.734	0.0884	26.223	0
"2015-05-16	07:00:00"	12.442	180.09	65.474	89.456	0.56853	26.24	0
"2015-05-16	08:00:00"	12.16	189.86	65.339	89.318	26.393	26.261	0
"2015-05-16	09:00:00"	10.676	194.44	65.556	87.496	95.614	26.267	0
"2015-05-16	10:00:00"	9.7201	207.95	67.398	81.103	455.51	26.273	0
"2015-05-16	11:00:00"	8.4009	216.08	70.68	71.085	708.48	26.27	0
"2015-05-16	12:00:00"	9.9419	243	74.182	55.302	861.61	26.279	0
"2015-05-16	13:00:00"	10.24	263.37	75.28	44.363	1009.1	26.279	0
"2015-05-16	14:00:00"	12.198	240.12	76.56	38.316	1066.1	26.273	0
"2015-05-16	15:00:00"	14.974	241.15	77.586	34.997	1059.2	26.273	0.01
"2015-05-16	16:00:00"	19.815	250.2	79.528	27.542	1008.8	26.261	0
"2015-05-16	17:00:00"	22.929	263.02	79.325	21.963	848.13	26.249	0
"2015-05-16	18:00:00"	22.233	273.3	78.565	19.309	659.62	26.258	0
"2015-05-16	19:00:00"	20.93	277.87	77.492	17.634	440.06	26.264	0
"2015-05-16	20:00:00"	16.096	280.44	76.777	17.146	213.51	26.267	0
"2015-05-16	21:00:00"	10.987	290.9	72.207	20.552	40.234	26.282	0
"2015-05-16	22:00:00"	10.433	300.07	67.553	26.429	0.08034	26.279	0
"2015-05-16	23:00:00"	12.101	303.45	66.541	27.891	0.06847	26.311	0
"2015-05-17	00:00:00"	9.8512	307	62.472	33.416	0.06847	26.332	0
"2015-05-17	01:00:00"	4.5557	310.46	58.638	39.287	0.08667	26.335	0
"2015-05-17	02:00:00"	3.1727	290.64	59.071	33.645	0.0884	26.367	0
"2015-05-17	03:00:00"	2.3948	236.28	54.823	43.851	0.09815	26.376	0
"2015-05-17	04:00:00"	1.5416	245.37	55.17	45.825	0.0761	26.385	0
"2015-05-17	05:00:00"	2.4339	314.7	52.385	54.662	0.08331	26.403	0
"2015-05-17	06:00:00"	1.6584	187.24	52.602	58.618	0.10853	26.418	0
"2015-05-17	07:00:00"	1.6504	328.52	51.247	59.37	2.5683	26.426	0
"2015-05-17	08:00:00"	2.7055	296.9	52.162	61.323	104.54	26.441	0
"2015-05-17	09:00:00"	4.0824	284.56	59.143	45.884	306.36	26.462	0
"2015-05-17	10:00:00"	5.9229	273.86	63.558	38.667	559.67	26.474	0
"2015-05-17	11:00:00"	4.3993	225.26	66.617	33.428	659.66	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-17	12:00:00"	7.0215	203.71	67.82	33.516	493.54	26.485	0
"2015-05-17	13:00:00"	9.2211	207.28	69.606	31.81	1012.1	26.491	0
"2015-05-17	14:00:00"	10.95	216.45	72.158	26.979	897.23	26.491	0
"2015-05-17	15:00:00"	11.836	233.99	75.094	24.15	1077.8	26.48	0
"2015-05-17	16:00:00"	12.397	233.11	76.436	21.389	1008.4	26.459	0
"2015-05-17	17:00:00"	11.505	239.91	77.822	20.161	859.77	26.444	0
"2015-05-17	18:00:00"	9.9624	223.58	77.939	20.031	666.93	26.441	0
"2015-05-17	19:00:00"	11.355	209.35	78.229	19.539	447.41	26.441	0
"2015-05-17	20:00:00"	7.9405	208.5	77.936	20.079	219.65	26.453	0
"2015-05-17	21:00:00"	2.913	188.65	73.919	28.698	40.021	26.459	0
"2015-05-17	22:00:00"	1.6056	187.1	69.071	36.448	0.07758	26.477	0
"2015-05-17	23:00:00"	1.5646	166.8	66.495	41.81	0.08225	26.497	0
"2015-05-18	00:00:00"	3.8848	173.97	65.163	41.921	0.07271	26.506	0
"2015-05-18	01:00:00"	2.6756	176.37	63.968	42.147	0.0619	26.512	0
"2015-05-18	02:00:00"	3.2858	202.91	64.778	37.954	0.08755	26.506	0
"2015-05-18	03:00:00"	4.0923	186.91	64.988	37.499	0.08755	26.497	0
"2015-05-18	04:00:00"	2.0487	137.19	61.941	45.1	0.07822	26.5	0
"2015-05-18	05:00:00"	3.5629	150.98	61.434	48.422	0.08861	26.506	0
"2015-05-18	06:00:00"	1.2527	167.55	58.646	65.702	0.06169	26.509	0
"2015-05-18	07:00:00"	2.9751	144.14	59.641	80.961	2.2372	26.521	0
"2015-05-18	08:00:00"	7.9678	147.14	62.017	87.589	82.725	26.545	0
"2015-05-18	09:00:00"	8.3146	148.04	65.647	82.633	281.73	26.562	0
"2015-05-18	10:00:00"	9.6866	151.1	68.518	76.138	476.12	26.565	0
"2015-05-18	11:00:00"	7.5354	152.71	71.583	67.609	738.53	26.562	0
"2015-05-18	12:00:00"	6.7723	160	74.963	55.642	898.36	26.562	0
"2015-05-18	13:00:00"	7.3316	130.42	78.388	42.563	1010.1	26.553	0
"2015-05-18	14:00:00"	10.751	107.91	81.506	33.467	1036.9	26.533	0
"2015-05-18	15:00:00"	12.344	125.82	83.496	27.942	1035.4	26.509	0
"2015-05-18	16:00:00"	13.638	126.72	85.089	24.587	1000.9	26.485	0
"2015-05-18	17:00:00"	14.264	126.2	85.388	25.379	806.82	26.45	0
"2015-05-18	18:00:00"	16.786	126.24	84.415	28.378	450.19	26.447	0
"2015-05-18	19:00:00"	16.427	128.49	81.14	34.385	68.628	26.426	0
"2015-05-18	20:00:00"	17.749	126.54	80.274	34.152	60.025	26.426	0
"2015-05-18	21:00:00"	15.673	123.13	78.716	41.895	13.321	26.432	0
"2015-05-18	22:00:00"	13.226	117.7	77.376	45.401	0.06275	26.459	0
"2015-05-18	23:00:00"	14.485	131.46	73.64	56.529	0.07334	26.477	0
"2015-05-19	00:00:00"	11.218	112.85	67.48	71.453	0.07101	26.444	0
"2015-05-19	01:00:00"	9.2851	113.98	65.048	75.496	0.08946	26.435	0
"2015-05-19	02:00:00"	14.241	124.69	65.552	76.539	0.08755	26.435	0
"2015-05-19	03:00:00"	17.406	120.27	65.346	78.803	0.08649	26.423	0
"2015-05-19	04:00:00"	16.67	120.75	63.224	80.103	0.06614	26.415	0
"2015-05-19	05:00:00"	14.376	122.57	63.006	77.486	0.07504	26.409	0
"2015-05-19	06:00:00"	13.492	127.76	63.086	79.347	0.08988	26.403	0
"2015-05-19	07:00:00"	15.363	124.6	63.379	81.662	0.12973	26.397	0
"2015-05-19	08:00:00"	9.8369	151.93	63.724	83.348	5.9961	26.397	0
"2015-05-19	09:00:00"	16.708	155.16	65.675	85.716	77.257	26.397	0
"2015-05-19	10:00:00"	16.149	179.18	67.416	85.599	136.99	26.412	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-19	11:00:00"	19.688	185.81	71.245	77.06	560.75	26.406	0.01
"2015-05-19	12:00:00"	16.748	192.23	73.917	67.224	804.53	26.409	0.01
"2015-05-19	13:00:00"	11.825	198.38	77.418	53.285	989.25	26.409	0
"2015-05-19	14:00:00"	9.731	210.04	80.264	41.436	1073	26.397	0
"2015-05-19	15:00:00"	9.3218	235.08	82.266	34.608	1036.9	26.385	0
"2015-05-19	16:00:00"	10.806	225.25	83.754	27.454	983.19	26.358	0
"2015-05-19	17:00:00"	12.766	225.13	84.473	24.953	820.92	26.344	0
"2015-05-19	18:00:00"	10.54	217.08	84.903	24.276	671.9	26.326	0
"2015-05-19	19:00:00"	11.098	209.26	84.734	21.159	442.39	26.317	0
"2015-05-19	20:00:00"	6.7481	241.99	83.739	22.444	217.11	26.317	0
"2015-05-19	21:00:00"	2.9857	187.05	80.234	29.349	41.042	26.329	0
"2015-05-19	22:00:00"	5.4929	154.47	74.885	47.49	0.10281	26.347	0
"2015-05-19	23:00:00"	5.2729	162.68	72.073	68.6	0.06826	26.364	0
"2015-05-20	00:00:00"	3.4381	224.62	70.446	74.606	0.07886	26.376	0
"2015-05-20	01:00:00"	5.2298	198.9	69.119	81.355	0.06405	26.382	0
"2015-05-20	02:00:00"	6.4014	193.87	68.311	84.685	0.09242	26.382	0
"2015-05-20	03:00:00"	5.9136	192.24	66.968	87.674	0.09306	26.379	0
"2015-05-20	04:00:00"	5.3562	174.14	66.603	88.715	0.06974	26.373	0
"2015-05-20	05:00:00"	5.4966	166.28	67.251	88.523	0.06805	26.379	0
"2015-05-20	06:00:00"	6.5461	189.68	67.646	88.349	0.07271	26.388	0
"2015-05-20	07:00:00"	6.9333	350.73	67.03	87.251	0.82227	26.423	0
"2015-05-20	08:00:00"	9.9792	21.462	62.587	87.511	51.026	26.447	0
"2015-05-20	09:00:00"	12.981	25.068	60.952	89.083	124.57	26.474	0
"2015-05-20	10:00:00"	13.778	26.939	59.154	89.478	183.15	26.5	0
"2015-05-20	11:00:00"	14.96	24.258	57.903	88.014	212.95	26.521	0
"2015-05-20	12:00:00"	15.44	23.488	57.925	84.197	405.97	26.53	0
"2015-05-20	13:00:00"	16.072	25.962	59.426	77.811	614.92	26.53	0
"2015-05-20	14:00:00"	16.982	33.956	60.829	72.936	881.1	26.53	0
"2015-05-20	15:00:00"	14.752	33.055	61.661	70.493	719.29	26.527	0
"2015-05-20	16:00:00"	15.532	38.874	63.101	67.258	841.91	26.521	0
"2015-05-20	17:00:00"	14.951	46.72	63.418	65.592	508.15	26.506	0
"2015-05-20	18:00:00"	15.042	42.356	62.7	66.932	395.07	26.497	0
"2015-05-20	19:00:00"	14.921	48.279	61.783	67.988	259.36	26.503	0
"2015-05-20	20:00:00"	15.532	50.841	59.55	70.995	121.8	26.503	0
"2015-05-20	21:00:00"	15.321	59.773	57.256	76.077	19.264	26.521	0
"2015-05-20	22:00:00"	14.909	65.13	55.305	81.375	0.07758	26.55	0
"2015-05-20	23:00:00"	13.913	64.803	53.763	86.719	0.07886	26.583	0
"2015-05-21	00:00:00"	11.556	57.865	52.944	89.929	0.07377	26.586	0
"2015-05-21	01:00:00"	13.766	60.294	52.478	90.551	0.0602	26.589	0
"2015-05-21	02:00:00"	12.556	65.558	52.1	91.003	0.1026	26.595	0
"2015-05-21	03:00:00"	13.265	62.946	51.779	90.934	0.09454	26.583	0
"2015-05-21	04:00:00"	12.609	65.148	51.661	90.649	0.07144	26.574	0
"2015-05-21	05:00:00"	13.304	63.404	50.899	90.818	0.11023	26.574	0
"2015-05-21	06:00:00"	12.659	63.877	50.568	91.521	0.0814	26.586	0
"2015-05-21	07:00:00"	13.198	65.045	49.958	91.096	0.33662	26.604	0
"2015-05-21	08:00:00"	13.017	63.771	49.178	90.99	7.9764	26.627	0.01
"2015-05-21	09:00:00"	14.892	70.478	49.08	90.453	45.924	26.627	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-21	10:00:00"	15.052	63.909	48.927	90.327	122.98	26.621	0
"2015-05-21	11:00:00"	14.166	65.481	48.686	90.498	143.82	26.627	0
"2015-05-21	12:00:00"	13.876	71.111	48.542	91.039	148.88	26.627	0
"2015-05-21	13:00:00"	13.657	69.31	48.954	90.517	197.74	26.621	0
"2015-05-21	14:00:00"	12.843	71.197	49.346	89.224	144.23	26.624	0
"2015-05-21	15:00:00"	12.229	82.484	50.097	87.675	124.46	26.601	0
"2015-05-21	16:00:00"	11.253	82.625	50.505	87.643	82.92	26.586	0
"2015-05-21	17:00:00"	8.5227	85.682	50.953	89.462	94.671	26.565	0
"2015-05-21	18:00:00"	9.0322	82.551	51.765	90.102	85.713	26.547	0.01
"2015-05-21	19:00:00"	8.8993	91.575	52.114	89.79	51.552	26.53	0
"2015-05-21	20:00:00"	9.5368	93.558	51.874	90.467	27.709	26.524	0
"2015-05-21	21:00:00"	9.3734	99.129	51.762	90.895	3.5187	26.512	0.01
"2015-05-21	22:00:00"	9.41	95.108	51.777	91.304	0.07843	26.524	0
"2015-05-21	23:00:00"	8.8614	102.21	52.304	91.421	0.0956	26.55	0
"2015-05-22	00:00:00"	5.186	99.396	52.716	91.524	0.09094	26.553	0.01
"2015-05-22	01:00:00"	3.7786	336.18	53.06	91.711	0.08543	26.559	0.01
"2015-05-22	02:00:00"	4.5832	27.384	53.197	91.709	0.07525	26.536	0
"2015-05-22	03:00:00"	6.8674	76.26	53.243	91.646	0.06317	26.509	0
"2015-05-22	04:00:00"	5.0462	54.285	53.611	91.411	0.08818	26.5	0.01
"2015-05-22	05:00:00"	2.9478	31.572	53.922	91.506	0.08946	26.506	0
"2015-05-22	06:00:00"	4.426	26.935	54.134	91.722	0.10027	26.506	0.01
"2015-05-22	07:00:00"	5.2612	64.207	54.326	91.762	0.57086	26.5	0
"2015-05-22	08:00:00"	6.1298	83.61	54.823	91.686	19.18	26.518	0
"2015-05-22	09:00:00"	5.793	93.885	55.535	91.345	60.046	26.521	0
"2015-05-22	10:00:00"	3.5642	114.03	56.33	91.05	108.22	26.527	0
"2015-05-22	11:00:00"	2.6514	104.31	57.46	89.923	161.74	26.533	0.01
"2015-05-22	12:00:00"	2.5619	104.11	58.652	88.209	181.09	26.533	0
"2015-05-22	13:00:00"	3.7736	85.194	59.883	86.919	207.18	26.53	0
"2015-05-22	14:00:00"	5.1524	89.988	60.908	85.936	210.28	26.515	0
"2015-05-22	15:00:00"	6.1118	100.84	62.664	83.023	387.85	26.5	0
"2015-05-22	16:00:00"	6.5573	87.12	64.288	80.736	381.98	26.48	0.01
"2015-05-22	17:00:00"	8.0834	106.8	67.067	76.012	551.79	26.453	0
"2015-05-22	18:00:00"	8.7495	103.95	68.694	71.241	545.11	26.432	0
"2015-05-22	19:00:00"	10.886	106.24	69.943	71.33	381.58	26.415	0
"2015-05-22	20:00:00"	12.05	96.785	69.199	76.342	153.11	26.409	0
"2015-05-22	21:00:00"	12.127	87.263	66.453	84.883	15.029	26.415	0
"2015-05-22	22:00:00"	11.806	94.647	65.566	88.833	0.09454	26.409	0
"2015-05-22	23:00:00"	10.999	105.95	65.82	88.819	0.07716	26.423	0
"2015-05-23	00:00:00"	15.065	147.18	68.223	79.591	0.07207	26.429	0
"2015-05-23	01:00:00"	11.124	136.95	67.534	80.059	0.08055	26.426	0
"2015-05-23	02:00:00"	9.8916	139.06	67.332	81.951	0.08288	26.403	0
"2015-05-23	03:00:00"	10.529	156.01	67.122	84.538	0.07483	26.4	0.01
"2015-05-23	04:00:00"	14.925	146.73	67.071	85.314	0.09094	26.376	0
"2015-05-23	05:00:00"	13.911	145.57	65.936	87.499	0.06487	26.376	0
"2015-05-23	06:00:00"	11.036	149	65.131	88.276	0.08522	26.373	0
"2015-05-23	07:00:00"	8.0598	148.51	64.41	87.134	0.93568	26.388	0
"2015-05-23	08:00:00"	7.6453	155.97	64.126	85.141	65.682	26.4	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-23	09:00:00"	10.65	154.38	66.061	81.064	193.89	26.42	0
"2015-05-23	10:00:00"	12.243	164.56	67.872	75.72	276.87	26.418	0
"2015-05-23	11:00:00"	12.355	183.24	69.508	69.072	323.04	26.42	0
"2015-05-23	12:00:00"	12.36	189.92	71.175	65.327	500.42	26.412	0
"2015-05-23	13:00:00"	11.687	187.06	74.567	53.919	913.65	26.397	0
"2015-05-23	14:00:00"	8.8769	196.88	77.861	42.959	1089.6	26.373	0
"2015-05-23	15:00:00"	8.9291	212.01	79.184	39.864	677.43	26.353	0
"2015-05-23	16:00:00"	8.3574	165.27	76.472	45.852	204.76	26.317	0
"2015-05-23	17:00:00"	11.951	148.74	69.678	47.641	61.228	26.279	0.01
"2015-05-23	18:00:00"	13.343	155.34	70.698	49.616	417.07	26.296	0
"2015-05-23	19:00:00"	13.466	134.95	66.172	61.781	26.802	26.279	0
"2015-05-23	20:00:00"	7.0973	171.8	65.816	58.631	54.113	26.296	0
"2015-05-23	21:00:00"	6.3566	160.41	63.985	62.489	25.541	26.299	0
"2015-05-23	22:00:00"	4.2576	170.81	61.12	70.896	0.09327	26.308	0
"2015-05-23	23:00:00"	5.4513	143.33	59.711	71.193	0.0761	26.338	0
"2015-05-24	00:00:00"	6.2087	135.16	59.004	72.575	0.07398	26.338	0
"2015-05-24	01:00:00"	5.9565	145.6	58.548	76.612	0.09751	26.32	0
"2015-05-24	02:00:00"	6.6251	151.84	57.854	80.856	0.08034	26.32	0
"2015-05-24	03:00:00"	5.9049	138.78	57.734	83.244	0.0814	26.323	0
"2015-05-24	04:00:00"	6.1447	194.06	57.926	85.073	0.06465	26.335	0
"2015-05-24	05:00:00"	2.7011	234.5	56.975	87.242	0.06253	26.332	0
"2015-05-24	06:00:00"	2.8011	226.38	57.025	86.205	0.0814	26.317	0
"2015-05-24	07:00:00"	3.8656	216.62	57.326	80.956	1.1241	26.311	0
"2015-05-24	08:00:00"	5.1164	178.54	55.622	82.659	67.776	26.332	0
"2015-05-24	09:00:00"	7.275	179.69	59.007	80.594	303.06	26.341	0
"2015-05-24	10:00:00"	6.5412	220.8	65.939	57.527	535.51	26.35	0
"2015-05-24	11:00:00"	11.041	267.32	72.172	29.146	752.87	26.353	0
"2015-05-24	12:00:00"	13.008	277.69	74.821	23.239	929.27	26.35	0
"2015-05-24	13:00:00"	13.588	270.96	76.594	20.57	1051.2	26.338	0
"2015-05-24	14:00:00"	12.496	257.88	78.438	18.705	1106.2	26.326	0
"2015-05-24	15:00:00"	11.881	246.56	79.64	17.368	1091.8	26.314	0
"2015-05-24	16:00:00"	12.02	237.16	80.082	16.166	1012.1	26.299	0
"2015-05-24	17:00:00"	11.213	236.47	80.895	15.033	870.27	26.279	0
"2015-05-24	18:00:00"	14.172	224.03	81.008	13.372	684.03	26.273	0
"2015-05-24	19:00:00"	12.023	218.61	80.712	13.173	464.58	26.267	0
"2015-05-24	20:00:00"	10.571	217.48	79.747	14.104	236.27	26.27	0
"2015-05-24	21:00:00"	6.2516	189.71	75.491	19.246	45.449	26.276	0
"2015-05-24	22:00:00"	2.9453	177.09	68.546	29.741	0.06529	26.288	0
"2015-05-24	23:00:00"	4.3241	167.74	66.724	32.832	0.0708	26.302	0
"2015-05-25	00:00:00"	3.31	168.8	65.283	35.299	0.06911	26.305	0
"2015-05-25	01:00:00"	2.1366	193.24	64.067	36.264	0.06469	26.296	0
"2015-05-25	02:00:00"	1.6336	163.44	62.063	44.27	0.06911	26.296	0
"2015-05-25	03:00:00"	5.0275	202.04	62.815	52.544	0.07165	26.308	0
"2015-05-25	04:00:00"	4.0402	210.02	63.105	59.186	0.05172	26.302	0
"2015-05-25	05:00:00"	3.0037	252.07	62.737	61.919	0.07864	26.308	0
"2015-05-25	06:00:00"	7.1097	301.39	63.854	63.534	0.08416	26.305	0
"2015-05-25	07:00:00"	7.3073	288.36	65.215	52.454	0.07652	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-25	08:00:00"	6.4977	359.29	64.541	39.892	2.7434	26.305	0
"2015-05-25	09:00:00"	3.3641	38.726	62.021	49.541	50.325	26.329	0
"2015-05-25	10:00:00"	9.4001	111.88	63.777	54.918	516.49	26.344	0
"2015-05-25	11:00:00"	8.2195	96.65	65.392	50.909	727.94	26.376	0
"2015-05-25	12:00:00"	6.7145	144.53	67.222	47.71	908.5	26.385	0
"2015-05-25	13:00:00"	8.1431	135.48	69.947	43.727	1028.1	26.385	0
"2015-05-25	14:00:00"	7.0482	164.72	72.017	37.398	1085.9	26.379	0
"2015-05-25	15:00:00"	7.3496	205.7	74.632	31.597	1075	26.358	0
"2015-05-25	16:00:00"	7.1228	208.54	76.515	29	994.37	26.341	0
"2015-05-25	17:00:00"	8.0896	225.37	78.666	24.499	835.82	26.329	0
"2015-05-25	18:00:00"	7.2334	205.19	79.467	22.422	649.96	26.311	0
"2015-05-25	19:00:00"	7.8597	226.39	80.097	20.486	455.14	26.285	0
"2015-05-25	20:00:00"	8.5494	224.43	80.469	17.429	232.39	26.294	0
"2015-05-25	21:00:00"	4.8541	157.48	76.671	27.108	47.549	26.314	0
"2015-05-25	22:00:00"	5.0996	117.94	71.091	39.462	0.06932	26.329	0
"2015-05-25	23:00:00"	3.1994	165.03	68.64	41.573	0.07589	26.347	0
"2015-05-26	00:00:00"	3.5741	173.02	66.731	41.541	0.09624	26.35	0
"2015-05-26	01:00:00"	4.3428	239.03	65.257	38.119	0.06359	26.361	0
"2015-05-26	02:00:00"	7.449	314.5	62.549	42.874	0.07695	26.373	0
"2015-05-26	03:00:00"	4.5801	314.78	60.112	52.254	0.08267	26.37	0
"2015-05-26	04:00:00"	3.4952	321.74	56.627	61.285	0.07928	26.373	0
"2015-05-26	05:00:00"	2.7931	328.63	55.558	64.782	0.09158	26.391	0
"2015-05-26	06:00:00"	1.6553	353.45	53.275	70.676	0.06317	26.406	0
"2015-05-26	07:00:00"	2.885	288.22	54.122	67.586	3.5903	26.432	0
"2015-05-26	08:00:00"	1.9443	296.1	56.495	64.653	102.09	26.447	0
"2015-05-26	09:00:00"	2.1133	207.61	63.529	50.526	301.02	26.462	0
"2015-05-26	10:00:00"	2.7104	251.88	68.645	40.418	528.2	26.474	0
"2015-05-26	11:00:00"	4.1713	310.96	73.395	32.315	739.02	26.471	0
"2015-05-26	12:00:00"	4.0016	250.27	76.144	29.724	910.28	26.477	0
"2015-05-26	13:00:00"	7.5584	205.35	78.036	28.217	1036.2	26.477	0
"2015-05-26	14:00:00"	9.2019	207.32	80.104	26.062	1095.2	26.462	0
"2015-05-26	15:00:00"	8.5289	215.64	81.602	22.861	1033.2	26.447	0
"2015-05-26	16:00:00"	8.6837	237.28	83.658	19.898	948.66	26.438	0
"2015-05-26	17:00:00"	9.1571	243.98	84.285	18.848	732.83	26.429	0
"2015-05-26	18:00:00"	8.2195	242.83	84.334	18.135	540.64	26.415	0
"2015-05-26	19:00:00"	3.8289	188.47	82.965	17.811	243.06	26.403	0
"2015-05-26	20:00:00"	2.0723	104.12	82.936	18.186	211.67	26.406	0
"2015-05-26	21:00:00"	2.1326	51.755	77.648	28.512	48.848	26.409	0
"2015-05-26	22:00:00"	4.047	91.3	72.727	32.981	0.1062	26.418	0
"2015-05-26	23:00:00"	4.9324	98.116	69.805	35.593	0.08225	26.432	0
"2015-05-27	00:00:00"	6.9935	114.75	70.645	33.575	0.08055	26.438	0
"2015-05-27	01:00:00"	9.3728	144.71	71.267	41.771	0.06638	26.444	0
"2015-05-27	02:00:00"	4.9536	165.36	66.909	68.64	0.06699	26.444	0
"2015-05-27	03:00:00"	5.3252	185.93	66.078	81.847	0.06359	26.45	0
"2015-05-27	04:00:00"	7.2589	183.13	67.07	85.473	0.07716	26.45	0
"2015-05-27	05:00:00"	6.6835	196	67.325	86.496	0.08776	26.459	0
"2015-05-27	06:00:00"	4.5012	189.72	66.244	88.857	0.06889	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-27	07:00:00"	1.0582	118.26	64.149	89.979	1.9362	26.477	0
"2015-05-27	08:00:00"	4.4913	117.62	64.93	91.293	33.575	26.5	0
"2015-05-27	09:00:00"	8.1232	117.62	67.242	88.721	165.54	26.518	0
"2015-05-27	10:00:00"	11.306	145.74	70.496	78.478	303.33	26.521	0
"2015-05-27	11:00:00"	11.493	162.92	72.916	69.351	547.75	26.518	0
"2015-05-27	12:00:00"	11.149	163.2	75.989	61.66	902.23	26.509	0
"2015-05-27	13:00:00"	11.718	162.45	79.161	54.34	1027.4	26.497	0
"2015-05-27	14:00:00"	10.934	166.07	81.744	48.111	1074.9	26.485	0
"2015-05-27	15:00:00"	10.682	158.75	84.609	39.543	1015.9	26.465	0
"2015-05-27	16:00:00"	11.49	156.14	86.333	34.36	903.36	26.444	0
"2015-05-27	17:00:00"	12.015	144.24	87.344	31.064	823.55	26.426	0
"2015-05-27	18:00:00"	11.955	138.02	86.961	30.908	453.58	26.397	0
"2015-05-27	19:00:00"	13.452	138.06	85.917	34.045	313.78	26.394	0
"2015-05-27	20:00:00"	12.452	144.17	82.683	40.009	23.041	26.403	0
"2015-05-27	21:00:00"	17.184	161.57	78.477	33.22	4.1679	26.418	0
"2015-05-27	22:00:00"	11.628	124.51	76.302	29.68	0.11341	26.426	0
"2015-05-27	23:00:00"	11.778	119.64	75.18	32.396	0.06889	26.438	0
"2015-05-28	00:00:00"	11.292	152.39	72.672	44.543	0.0761	26.432	0
"2015-05-28	01:00:00"	10.025	175.95	71.482	65.126	0.07462	26.426	0
"2015-05-28	02:00:00"	9.1851	192.93	70.533	73.28	0.08204	26.418	0
"2015-05-28	03:00:00"	9.927	197.52	68.996	75.235	0.06889	26.426	0
"2015-05-28	04:00:00"	6.1348	221.92	67.161	80.991	0.08818	26.426	0
"2015-05-28	05:00:00"	4.6684	151.2	66.603	83.501	0.06529	26.447	0
"2015-05-28	06:00:00"	4.0762	75.841	67.102	83.433	0.07949	26.453	0
"2015-05-28	07:00:00"	7.6373	128.24	68.46	81.352	0.51723	26.465	0
"2015-05-28	08:00:00"	9.3224	126.19	68.984	80.924	27.826	26.465	0
"2015-05-28	09:00:00"	7.6236	106.05	69.101	80.961	71.8	26.468	0
"2015-05-28	10:00:00"	11.739	143.83	70.756	77.516	132.51	26.465	0
"2015-05-28	11:00:00"	13.042	147.81	72.227	73.252	296.24	26.471	0
"2015-05-28	12:00:00"	14.27	152.93	74.792	66.675	634.57	26.474	0
"2015-05-28	13:00:00"	12.756	164	75.592	63.883	269.56	26.456	0
"2015-05-28	14:00:00"	6.6294	193.53	71.477	79.811	89.088	26.426	0.02
"2015-05-28	15:00:00"	7.5627	179.14	72.971	77.07	123.86	26.394	0.01
"2015-05-28	16:00:00"	10.954	193.3	74.921	71.077	262.52	26.397	0.01
"2015-05-28	17:00:00"	5.2226	120.31	73.905	73.591	73.55	26.361	0
"2015-05-28	18:00:00"	7.129	131.25	73.686	72.952	49.598	26.358	0
"2015-05-28	19:00:00"	10.097	105.11	73.379	61.313	51.493	26.32	0.01
"2015-05-28	20:00:00"	13.825	70.911	65.962	74.869	47.992	26.347	0
"2015-05-28	21:00:00"	11.928	47.459	64.071	77.931	29.952	26.367	0
"2015-05-28	22:00:00"	15.222	68.988	60.874	83.005	0.18357	26.37	0
"2015-05-28	23:00:00"	13.163	67.701	60.053	82.063	0.08776	26.459	0.01
"2015-05-29	00:00:00"	13.575	72.687	61.043	76.46	0.08373	26.412	0
"2015-05-29	01:00:00"	9.2266	104.28	60.327	78.876	0.10168	26.409	0
"2015-05-29	02:00:00"	5.4923	119.92	59.7	80.928	0.08076	26.397	0
"2015-05-29	03:00:00"	5.1226	183.54	58.947	82.839	0.08267	26.385	0
"2015-05-29	04:00:00"	4.1315	231.26	57.778	85.301	0.07483	26.391	0
"2015-05-29	05:00:00"	5.13	213.11	58.287	82.61	0.07589	26.418	0

WCS Meteorological Data
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Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-29	06:00:00"	4.8423	51.843	58.003	81.206	0.08606	26.415	0
"2015-05-29	07:00:00"	3.4343	20.643	55.161	85.205	1.5125	26.412	0
"2015-05-29	08:00:00"	5.7825	42.017	56.336	83.428	93.213	26.426	0
"2015-05-29	09:00:00"	8.483	39.505	61.206	75.738	299.99	26.45	0
"2015-05-29	10:00:00"	7.8001	60.114	65.366	66.518	521.74	26.468	0
"2015-05-29	11:00:00"	5.4979	77.692	69.089	58.635	729.71	26.456	0
"2015-05-29	12:00:00"	5.7676	57.883	71.548	55.03	903.58	26.453	0
"2015-05-29	13:00:00"	4.0476	78.613	74.45	49.388	1021.2	26.453	0
"2015-05-29	14:00:00"	4.3738	37.744	77.771	44.144	1074.3	26.447	0
"2015-05-29	15:00:00"	5.2711	73.779	80.335	39.905	1059	26.432	0
"2015-05-29	16:00:00"	5.8744	67.317	81.969	38.052	978.57	26.423	0
"2015-05-29	17:00:00"	6.7375	87.189	83.429	36.094	839.35	26.406	0
"2015-05-29	18:00:00"	9.269	94.242	83.784	38.127	624.76	26.403	0
"2015-05-29	19:00:00"	9.9985	109.74	83.184	39.129	447.59	26.4	0
"2015-05-29	20:00:00"	10.617	112.73	81.821	41.353	226.66	26.4	0
"2015-05-29	21:00:00"	9.9513	118.23	78.852	47.457	46.687	26.409	0
"2015-05-29	22:00:00"	5.8782	82.139	73.768	59.171	0.10345	26.447	0
"2015-05-29	23:00:00"	6.5971	51.018	71.052	69.954	0.0761	26.494	0
"2015-05-30	00:00:00"	10.391	41.209	70.927	63.423	0.09497	26.456	0
"2015-05-30	01:00:00"	6.8102	73.309	69.431	59.522	0.07992	26.48	0
"2015-05-30	02:00:00"	9.9245	102.02	65.243	63.197	0.07695	26.491	0
"2015-05-30	03:00:00"	8.03	80.02	61.417	66.818	0.10557	26.515	0
"2015-05-30	04:00:00"	9.4579	49.391	59.81	74.946	0.09115	26.533	0
"2015-05-30	05:00:00"	13.023	3.2986	61.253	71.152	0.08564	26.583	0
"2015-05-30	06:00:00"	10.302	338.43	59.558	77.816	0.09793	26.615	0
"2015-05-30	07:00:00"	9.9071	40.351	59.039	79.378	0.09306	26.601	0.02
"2015-05-30	08:00:00"	15.089	93.007	59.825	75.968	1.9793	26.539	0
"2015-05-30	09:00:00"	11.494	48.303	60.891	72.363	43.188	26.618	0
"2015-05-30	10:00:00"	7.5695	7.1641	61.893	74.014	180.39	26.624	0.01
"2015-05-30	11:00:00"	11.212	34.938	64.534	70.384	591.19	26.621	0
"2015-05-30	12:00:00"	11.039	37.237	66.822	67.468	890.14	26.627	0.01
"2015-05-30	13:00:00"	10.41	37.004	68.072	62.758	813.88	26.621	0
"2015-05-30	14:00:00"	9.1634	28.168	69.723	58.822	848.84	26.624	0
"2015-05-30	15:00:00"	8.9042	40.875	71.373	54.52	891.34	26.615	0
"2015-05-30	16:00:00"	8.9415	67.817	72.47	51.927	715.37	26.604	0
"2015-05-30	17:00:00"	9.4231	75.16	73.242	49.378	686.88	26.589	0.01
"2015-05-30	18:00:00"	9.2789	84.386	73.885	48.437	578.2	26.574	0
"2015-05-30	19:00:00"	9.8195	87.135	73.728	49.327	343.12	26.565	0
"2015-05-30	20:00:00"	10.863	89.265	72.203	57.312	206.18	26.562	0
"2015-05-30	21:00:00"	8.4569	90.611	69.094	66.592	33.546	26.577	0
"2015-05-30	22:00:00"	6.2634	96.189	65.747	75.123	0.19396	26.595	0
"2015-05-30	23:00:00"	6.8438	103.97	63.464	81.365	0.06253	26.621	0
"2015-05-31	00:00:00"	5.7738	103.54	61.87	85.6	0.08522	26.63	0
"2015-05-31	01:00:00"	6.1475	101.18	60.863	86.923	0.07758	26.624	0
"2015-05-31	02:00:00"	5.3742	108.13	59.876	87.976	0.09327	26.63	0
"2015-05-31	03:00:00"	4.9927	108.67	59.475	88.669	0.0797	26.624	0
"2015-05-31	04:00:00"	4.3403	144.92	59.206	89.314	0.0903	26.612	0

WCS Meteorological Data
WeatherHawk West 2010 to 2015

Weatherhawk West

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP Avg	Rain
"2015-05-31"	05:00:00"	2.3134	184.28	58.434	90.259	0.08543	26.607	0
"2015-05-31"	06:00:00"	1.2471	334.06	55.739	90.608	0.08098	26.604	0
"2015-05-31"	07:00:00"	0.8519	30.373	54.161	91.741	2.6082	26.604	0
"2015-05-31"	08:00:00"	1.8865	84.35	56.422	92.133	32.776	26.618	0
"2015-05-31"	09:00:00"	3.2771	133.11	59.192	91.179	66.922	26.63	0
"2015-05-31"	10:00:00"	3.6965	181.5	60.556	87.812	135.15	26.636	0
"2015-05-31"	11:00:00"	2.6446	226.18	62.772	81.308	220.5	26.63	0
"2015-05-31"	12:00:00"	3.2796	227.86	65.868	71.336	533.04	26.627	0
"2015-05-31"	13:00:00"	4.0035	165.36	68.695	60.077	1043.3	26.612	0
"2015-05-31"	14:00:00"	6.9768	168.16	71.328	54.632	1065.1	26.595	0
"2015-05-31"	15:00:00"	7.5844	186.68	73.859	51.205	1056.5	26.568	0
"2015-05-31"	16:00:00"	7.5055	172.29	76.265	45.758	977.63	26.545	0
"2015-05-31"	17:00:00"	8.1772	170.41	78.388	39.703	842.59	26.518	0
"2015-05-31"	18:00:00"	10.19	175.8	79.413	35.659	624.95	26.5	0
"2015-05-31"	19:00:00"	10.501	170.15	79.732	33.476	463.44	26.494	0
"2015-05-31"	20:00:00"	11.827	178.15	78.825	36.108	224.37	26.494	0
"2015-05-31"	21:00:00"	7.8119	180.16	75.074	46.561	31.994	26.503	0
"2015-05-31"	22:00:00"	5.7427	175.59	70.612	57.994	0.1185	26.509	0
"2015-05-31"	23:00:00"	6.1385	158.5	68.64	63.411	0.07377	26.512	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-12	15:00:00"	9.4778	131	34.364	45.774	234.28	26.825	0
"2011-01-12	16:00:00"	8.8446	143.1	35.225	45.086	162.66	26.828	0
"2011-01-12	17:00:00"	8.0113	116.7	35.788	43.684	127.48	26.837	0
"2011-01-12	18:00:00"	10.087	96.396	32.587	46.579	43.748	26.816	0
"2011-01-12	19:00:00"	8.2568	85.968	29	49.143	0.93271	26.801	0
"2011-01-12	20:00:00"	8.6234	89.006	27.172	50.889	0.09369	26.819	0
"2011-01-12	21:00:00"	6.7301	78.857	24.848	52.753	0.10281	26.837	0
"2011-01-12	22:00:00"	5.3251	71.079	20.837	58.898	0.092	26.837	0
"2011-01-12	23:00:00"	5.6607	72.309	18.323	63.511	0.06487	26.822	0
"2011-01-13	00:00:00"	7.3104	102.71	19.716	62.464	0.08204	26.831	0
"2011-01-13	01:00:00"	6.6182	103.06	19.244	63.789	0.08755	26.819	0
"2011-01-13	02:00:00"	6.8258	118.91	18.672	65.803	0.06487	26.81	0
"2011-01-13	03:00:00"	6.7885	128.76	18.394	68.258	0.09687	26.787	0
"2011-01-13	04:00:00"	6.31	156.92	18.961	69.54	0.07843	26.781	0
"2011-01-13	05:00:00"	4.1284	182.61	17.209	73.189	0.08903	26.763	0
"2011-01-13	06:00:00"	2.6191	179.11	15.92	76.725	0.09687	26.757	0
"2011-01-13	07:00:00"	3.5866	160.59	16.38	77.073	0.07546	26.748	0
"2011-01-13	08:00:00"	2.3966	172.52	16.691	78.092	2.6868	26.754	0
"2011-01-13	09:00:00"	4.344	193.37	19.35	72.203	100.6	26.757	0
"2011-01-13	10:00:00"	11.106	190.29	27.403	54.322	274.73	26.766	0
"2011-01-13	11:00:00"	9.6779	195.98	32.762	46.432	437.72	26.76	0
"2011-01-13	12:00:00"	11.3	201.73	37.98	40.166	556.84	26.734	0
"2011-01-13	13:00:00"	11.953	211.19	42.101	36.814	618.24	26.704	0
"2011-01-13	14:00:00"	9.9506	207.05	45.098	33.399	614.92	26.666	0
"2011-01-13	15:00:00"	9.3019	205.92	48.095	29.938	548.76	26.651	0
"2011-01-13	16:00:00"	8.6041	204.1	50.022	28.311	425.77	26.648	0
"2011-01-13	17:00:00"	8.3369	201.05	50.544	28.485	261.54	26.639	0
"2011-01-13	18:00:00"	6.7599	190.45	48.812	30.197	91.468	26.633	0
"2011-01-13	19:00:00"	4.0408	158.56	42.173	36.865	1.4788	26.63	0
"2011-01-13	20:00:00"	4.802	152.36	39.003	41.823	0.05257	26.624	0
"2011-01-13	21:00:00"	5.0201	148.69	39.234	43.716	0.07589	26.624	0
"2011-01-13	22:00:00"	4.8672	167.25	35.268	51.121	0.07568	26.607	0
"2011-01-13	23:00:00"	3.7375	174.84	31.434	60.522	0.06699	26.601	0
"2011-01-14	00:00:00"	1.6584	247.8	31.36	65.259	0.08755	26.598	0
"2011-01-14	01:00:00"	1.5093	177.15	31.2	68.795	0.09052	26.586	0
"2011-01-14	02:00:00"	4.2409	258.46	30.697	72.531	0.09115	26.571	0
"2011-01-14	03:00:00"	4.6895	247	29.449	74.809	0.09603	26.553	0
"2011-01-14	04:00:00"	4.5981	234.45	27.732	78.833	0.06889	26.53	0
"2011-01-14	05:00:00"	4.7087	246.47	25.721	82.539	0.07716	26.518	0
"2011-01-14	06:00:00"	4.738	245.7	24.221	85.023	0.08734	26.494	0
"2011-01-14	07:00:00"	5.0132	255.53	23.719	87.503	0.07695	26.488	0
"2011-01-14	08:00:00"	5.3239	255.94	24.001	89.129	2.7854	26.494	0
"2011-01-14	09:00:00"	5.5122	247.13	25.24	90.042	97.755	26.509	0
"2011-01-14	10:00:00"	4.8492	216.04	31.261	78.202	269.73	26.53	0
"2011-01-14	11:00:00"	4.0694	219.13	40.431	54.919	429.48	26.527	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-14	12:00:00"	8.1313	199.76	48.318	39.048	547.53	26.506	0
"2011-01-14	13:00:00"	9.2118	225.66	52.585	32.607	606.96	26.477	0
"2011-01-14	14:00:00"	6.4324	218.61	56.352	27.456	605.33	26.447	0
"2011-01-14	15:00:00"	5.7241	230.7	59.489	23.066	541.09	26.45	0
"2011-01-14	16:00:00"	3.4449	224.47	61.981	21.06	417.76	26.453	0
"2011-01-14	17:00:00"	3.1771	131.1	63.128	19.294	256.66	26.465	0
"2011-01-14	18:00:00"	3.9401	139.1	59.3	21.889	60.928	26.48	0
"2011-01-14	19:00:00"	3.5045	150.93	50.657	28.983	1.4845	26.491	0
"2011-01-14	20:00:00"	3.279	83.492	47.566	32.58	0.0761	26.518	0
"2011-01-14	21:00:00"	6.7916	80.913	42.05	44.92	0.06359	26.545	0
"2011-01-14	22:00:00"	6.7263	57.056	36.674	59.751	0.1115	26.577	0
"2011-01-14	23:00:00"	6.3255	73.377	35.041	73.898	0.10345	26.592	0
"2011-01-15	00:00:00"	5.7924	55.46	33.937	83.849	0.06974	26.601	0
"2011-01-15	01:00:00"	6.8475	30.72	31.835	88.161	0.09899	26.607	0
"2011-01-15	02:00:00"	6.5567	12.373	31.272	88.899	0.09094	26.618	0
"2011-01-15	03:00:00"	6.0944	30.918	31.268	89.695	0.09264	26.615	0
"2011-01-15	04:00:00"	7.4403	25.964	32.151	93.925	0.07886	26.624	0
"2011-01-15	05:00:00"	6.136	40.538	32.665	91.937	0.08119	26.615	0
"2011-01-15	06:00:00"	5.3463	48.453	33.835	88.765	0.07504	26.612	0
"2011-01-15	07:00:00"	2.6178	59.091	34.141	91.538	0.085	26.615	0
"2011-01-15	08:00:00"	2.8173	282.97	32.323	92.873	0.75846	26.63	0
"2011-01-15	09:00:00"	4.1234	351.19	32.364	93.978	26.714	26.648	0
"2011-01-15	10:00:00"	5.6955	356.8	33.048	94.105	97.902	26.663	0
"2011-01-15	11:00:00"	2.5737	105.44	37.715	87.599	301.44	26.654	0
"2011-01-15	12:00:00"	3.6661	169.53	42.661	78.402	520.32	26.633	0
"2011-01-15	13:00:00"	2.9919	218.25	48.152	61.803	609.3	26.592	0
"2011-01-15	14:00:00"	4.2881	259.71	52.035	48.831	605.26	26.559	0
"2011-01-15	15:00:00"	4.6889	213.03	54.989	39.764	541.78	26.536	0
"2011-01-15	16:00:00"	3.4213	186.24	57.116	33.679	420.52	26.53	0
"2011-01-15	17:00:00"	3.7251	182.23	57.978	30.889	258.27	26.518	0
"2011-01-15	18:00:00"	2.7788	201.55	56.718	30.743	90.745	26.497	0
"2011-01-15	19:00:00"	4.1458	173.39	47.753	41.638	1.805	26.488	0
"2011-01-15	20:00:00"	4.0265	199.88	42.28	55.586	0.09179	26.497	0
"2011-01-15	21:00:00"	2.1748	211.33	41.118	62.12	0.08267	26.5	0
"2011-01-15	22:00:00"	3.5126	207.08	38.964	67.163	0.09857	26.506	0
"2011-01-15	23:00:00"	3.932	198.9	36.456	75.414	0.07801	26.485	0
"2011-01-16	00:00:00"	3.4287	256.34	36.378	77.853	0.07504	26.48	0
"2011-01-16	01:00:00"	2.8894	250.51	36.08	78.248	0.07038	26.471	0
"2011-01-16	02:00:00"	2.9596	267.1	37.598	77.447	0.08034	26.45	0
"2011-01-16	03:00:00"	3.4138	268.71	36.89	80.43	0.0884	26.45	0
"2011-01-16	04:00:00"	3.3032	261.52	35.429	82.528	0.07229	26.429	0
"2011-01-16	05:00:00"	3.5207	252.28	32.397	87.598	0.08649	26.42	0
"2011-01-16	06:00:00"	3.8749	290.67	33.265	86.127	0.10451	26.406	0
"2011-01-16	07:00:00"	3.2318	287.54	32.886	86.433	0.08416	26.391	0
"2011-01-16	08:00:00"	3.8569	317.8	32.159	86.481	2.4889	26.441	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-16	09:00:00"	3.2821	313.57	35.226	82.478	98.926	26.465	0
"2011-01-16	10:00:00"	2.8738	297.26	43.64	65.112	269.65	26.48	0
"2011-01-16	11:00:00"	2.4159	304.15	49.962	49.037	442.55	26.485	0
"2011-01-16	12:00:00"	3.7674	89.133	53.039	40.831	526	26.462	0
"2011-01-16	13:00:00"	4.1644	147.4	55.726	32.74	617.72	26.435	0
"2011-01-16	14:00:00"	4.0663	223.27	58.021	29.411	612.78	26.4	0
"2011-01-16	15:00:00"	4.6143	160.85	59.842	27.778	511.27	26.379	0
"2011-01-16	16:00:00"	4.1961	231.31	60.831	26.247	419.72	26.382	0
"2011-01-16	17:00:00"	3.96	237.05	61.186	24.999	263.92	26.379	0
"2011-01-16	18:00:00"	1.7883	204.98	60.499	24.829	95.674	26.37	0
"2011-01-16	19:00:00"	3.4318	142.39	54.493	29.797	1.3039	26.364	0
"2011-01-16	20:00:00"	4.2912	146.64	49.647	34.166	0.06974	26.373	0
"2011-01-16	21:00:00"	4.948	156.82	44.074	39.36	0.08479	26.367	0
"2011-01-16	22:00:00"	4.6547	164.37	40.753	47.759	0.10408	26.356	0
"2011-01-16	23:00:00"	2.9925	190.09	39.704	52.018	0.08649	26.356	0
"2011-01-17	00:00:00"	4.0551	225.17	38.068	54.747	0.07801	26.353	0
"2011-01-17	01:00:00"	5.0027	244.01	37.06	55.168	0.06932	26.329	0
"2011-01-17	02:00:00"	4.7069	231.19	38.079	53.592	0.09836	26.317	0
"2011-01-17	03:00:00"	4.1247	242.8	37.459	54.408	0.08246	26.308	0
"2011-01-17	04:00:00"	4.38	260.31	37.15	55.283	0.09942	26.282	0
"2011-01-17	05:00:00"	4.0228	274.09	36.869	58.455	0.09454	26.267	0
"2011-01-17	06:00:00"	4.5056	279.13	37.067	59.557	0.06275	26.255	0
"2011-01-17	07:00:00"	3.5182	304.41	37.657	57.806	0.07907	26.246	0
"2011-01-17	08:00:00"	4.0986	285.6	37.604	52.433	2.8486	26.24	0
"2011-01-17	09:00:00"	5.4302	276.52	40.879	43.927	89.617	26.229	0
"2011-01-17	10:00:00"	5.2568	247.34	44.583	38.341	276.68	26.243	0
"2011-01-17	11:00:00"	7.4092	259.33	54.385	28.954	430.68	26.249	0
"2011-01-17	12:00:00"	12.566	280.83	63.977	24.557	543.71	26.234	0
"2011-01-17	13:00:00"	13.601	286.72	67.569	23.099	617.96	26.184	0
"2011-01-17	14:00:00"	14.6	273.84	71.007	21.019	620.89	26.137	0
"2011-01-17	15:00:00"	16.61	277.59	73.777	19.381	558.73	26.113	0
"2011-01-17	16:00:00"	19.422	303.96	76.19	18.043	409.92	26.116	0
"2011-01-17	17:00:00"	20.882	308.29	76.187	17.79	233.27	26.14	0
"2011-01-17	18:00:00"	19.679	312.64	73.685	19.137	75.098	26.14	0
"2011-01-17	19:00:00"	12.33	303.7	69.207	22.677	1.4947	26.161	0
"2011-01-17	20:00:00"	11.71	299.3	64.944	26.695	0.04854	26.172	0
"2011-01-17	21:00:00"	13.61	316.28	63.836	24.656	0.08903	26.187	0
"2011-01-17	22:00:00"	19.959	334.27	64.876	20.69	0.0814	26.208	0
"2011-01-17	23:00:00"	12.726	349.07	61.347	24.099	0.05215	26.232	0
"2011-01-18	00:00:00"	9.8438	5.06	53.055	36.76	0.06063	26.246	0
"2011-01-18	01:00:00"	6.6971	359.25	47.61	44.923	0.0708	26.255	0
"2011-01-18	02:00:00"	8.5569	342.43	48.316	43.291	0.07017	26.267	0
"2011-01-18	03:00:00"	8.8166	318.49	51.076	36.082	0.07631	26.285	0
"2011-01-18	04:00:00"	7.4167	331.39	46.754	41.432	0.06805	26.294	0
"2011-01-18	05:00:00"	9.8817	332.75	46.376	41.881	0.06487	26.314	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-18	06:00:00"	7.7149	9.5772	44.346	45.217	0.07356	26.347	0
"2011-01-18	07:00:00"	8.363	15.995	39.894	51.698	0.0708	26.376	0
"2011-01-18	08:00:00"	10.009	16.91	39.232	57.682	3.9187	26.406	0
"2011-01-18	09:00:00"	7.7622	20.234	41.65	67.846	112.68	26.45	0
"2011-01-18	10:00:00"	6.9482	25.476	47.584	59.614	273.39	26.48	0
"2011-01-18	11:00:00"	8.9887	52.428	52.656	50.428	449.5	26.494	0
"2011-01-18	12:00:00"	5.1487	54.731	56.27	43.467	572.89	26.485	0
"2011-01-18	13:00:00"	3.2628	235.14	60.01	36.094	625	26.465	0
"2011-01-18	14:00:00"	4.8902	290.38	62.302	30.145	641.11	26.438	0
"2011-01-18	15:00:00"	5.4842	304.2	63.933	25.153	571.51	26.441	0
"2011-01-18	16:00:00"	6.7462	305.3	64.665	21.878	451.98	26.447	0
"2011-01-18	17:00:00"	3.228	50.252	64.897	21.476	289.71	26.426	0
"2011-01-18	18:00:00"	2.5427	106.38	63.437	22.298	108.53	26.429	0
"2011-01-18	19:00:00"	4.4434	99.64	58.713	25.814	3.2431	26.432	0
"2011-01-18	20:00:00"	5.99	101.1	52.951	30.799	0.07144	26.435	0
"2011-01-18	21:00:00"	5.8999	110	49.704	36.793	0.06741	26.438	0
"2011-01-18	22:00:00"	6.6462	133.08	49.025	37.042	0.06402	26.432	0
"2011-01-18	23:00:00"	6.804	142.81	47.689	39.811	0.07229	26.426	0
"2011-01-19	00:00:00"	6.1696	157.81	44.882	46.732	0.05978	26.418	0
"2011-01-19	01:00:00"	3.3362	183.87	41.146	53.392	0.08139	26.394	0
"2011-01-19	02:00:00"	1.6777	211.57	39.169	57.908	0.08034	26.376	0
"2011-01-19	03:00:00"	4.5764	178.72	39.926	57.63	0.08818	26.364	0
"2011-01-19	04:00:00"	4.3664	174.5	38.729	61.182	0.06232	26.344	0
"2011-01-19	05:00:00"	4.3446	178.27	38.051	66.883	0.06296	26.317	0
"2011-01-19	06:00:00"	3.8096	194	36.771	71.17	0.07101	26.305	0
"2011-01-19	07:00:00"	3.2081	205.42	36.176	72.095	0.08479	26.294	0
"2011-01-19	08:00:00"	2.4693	185.43	35.657	73.616	1.6763	26.294	0
"2011-01-19	09:00:00"	4.6155	186.59	37.894	70.766	55.432	26.302	0
"2011-01-19	10:00:00"	6.8624	201.58	42.656	61.662	101.55	26.305	0
"2011-01-19	11:00:00"	8.0455	199.79	47.138	56.057	241.74	26.305	0
"2011-01-19	12:00:00"	13.264	206.75	56.825	37.249	538.14	26.276	0
"2011-01-19	13:00:00"	14.526	215.31	61.351	29.734	561.01	26.243	0
"2011-01-19	14:00:00"	14.946	218.76	65.877	24.303	623.99	26.199	0
"2011-01-19	15:00:00"	15.208	218.34	69.843	19.818	509.76	26.169	0
"2011-01-19	16:00:00"	15.541	234.72	73.054	16.434	459.89	26.158	0
"2011-01-19	17:00:00"	14.572	231.16	72.933	15.525	230.27	26.152	0
"2011-01-19	18:00:00"	10.351	220.62	70.455	16.144	99.83	26.155	0
"2011-01-19	19:00:00"	7.4092	231.87	63.755	20.517	2.7475	26.169	0
"2011-01-19	20:00:00"	3.6549	235.64	57.08	25.275	0.06889	26.187	0
"2011-01-19	21:00:00"	2.8931	232.64	54.447	28.532	0.08225	26.205	0
"2011-01-19	22:00:00"	4.9169	283.4	55.965	29.369	0.06805	26.223	0
"2011-01-19	23:00:00"	3.0652	329.28	54.366	31.464	0.06105	26.232	0
"2011-01-20	00:00:00"	4.3943	320.96	50.959	35.382	0.05405	26.24	0
"2011-01-20	01:00:00"	3.1827	241.72	47.427	39.56	0.06868	26.291	0
"2011-01-20	02:00:00"	18.506	22.736	44.781	54.938	0.06826	26.329	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-20	03:00:00"	22.851	30.485	38.316	74.082	0.07229	26.388	0
"2011-01-20	04:00:00"	22.781	34.152	35.525	76.846	0.06147	26.429	0
"2011-01-20	05:00:00"	22.283	30.589	32.314	78.366	0.05469	26.456	0
"2011-01-20	06:00:00"	20.439	27.58	31.323	74.802	0.08098	26.53	0
"2011-01-20	07:00:00"	18.544	26.554	30.061	72.083	0.05978	26.568	0
"2011-01-20	08:00:00"	16.673	19.079	30.022	63.793	0.84241	26.609	0
"2011-01-20	09:00:00"	17.49	10.011	29.308	63.189	43.629	26.657	0
"2011-01-20	10:00:00"	15.325	7.4351	28.439	59.662	110.92	26.692	0
"2011-01-20	11:00:00"	15.201	10.51	29.948	53.373	342.88	26.716	0
"2011-01-20	12:00:00"	13.58	11.534	32.095	48.268	553.72	26.716	0
"2011-01-20	13:00:00"	12.452	13.736	35.224	43.106	638.13	26.692	0
"2011-01-20	14:00:00"	11.239	18.11	37.912	37.579	645.32	26.669	0
"2011-01-20	15:00:00"	10.74	23.197	39.655	33.742	586.67	26.648	0
"2011-01-20	16:00:00"	9.8879	41.199	41.342	29.041	468.25	26.636	0
"2011-01-20	17:00:00"	8.0219	59.082	41.34	27.398	300.45	26.636	0
"2011-01-20	18:00:00"	5.6122	62.264	39.902	28.164	115.11	26.627	0
"2011-01-20	19:00:00"	3.4486	94.19	35.622	32.778	3.7705	26.627	0
"2011-01-20	20:00:00"	5.3208	113.78	34.002	35.315	0.06084	26.621	0
"2011-01-20	21:00:00"	6.5188	129.43	31.661	38.122	0.07907	26.607	0
"2011-01-20	22:00:00"	5.8856	140.07	29.24	41.756	0.07589	26.607	0
"2011-01-20	23:00:00"	4.2135	166.77	26.671	44.893	0.07992	26.586	0
"2011-01-21	00:00:00"	2.9596	182.89	24.565	48.854	0.09136	26.553	0
"2011-01-21	01:00:00"	5.3407	177.67	23.005	51.953	0.08055	26.5	0
"2011-01-21	02:00:00"	5.0642	220.67	22.248	53.032	0.05893	26.491	0
"2011-01-21	03:00:00"	5.7247	212.8	21.131	55.186	0.0903	26.456	0
"2011-01-21	04:00:00"	8.1487	212.44	23.665	55.864	0.0778	26.423	0
"2011-01-21	05:00:00"	7.1793	230.14	20.025	59.441	0.08098	26.4	0
"2011-01-21	06:00:00"	7.3527	219.42	19.976	65.409	0.07398	26.37	0
"2011-01-21	07:00:00"	6.9767	228.38	20.535	67.264	0.09009	26.353	0
"2011-01-21	08:00:00"	5.8931	230.44	20.449	68.608	1.8209	26.353	0
"2011-01-21	09:00:00"	4.3508	232.43	23.965	64.12	105.58	26.361	0
"2011-01-21	10:00:00"	8.2941	230.08	33.651	49.239	283.15	26.364	0
"2011-01-21	11:00:00"	8.2381	243.22	39.477	40.721	448.44	26.367	0
"2011-01-21	12:00:00"	11.243	284.54	50.59	27.466	499.43	26.367	0
"2011-01-21	13:00:00"	16.226	336.69	59.396	16.319	632.06	26.353	0
"2011-01-21	14:00:00"	18.58	1.0897	60.812	14.913	626.98	26.353	0
"2011-01-21	15:00:00"	17.416	12.839	62.257	14.556	573.1	26.373	0
"2011-01-21	16:00:00"	17.501	35.144	60.42	15.717	452.52	26.394	0
"2011-01-21	17:00:00"	16.488	46.719	57.531	18.662	282.83	26.438	0
"2011-01-21	18:00:00"	12.829	54.149	54.877	21.174	103.51	26.471	0
"2011-01-21	19:00:00"	8.7501	53.619	49.207	26.241	3.2369	26.485	0
"2011-01-21	20:00:00"	5.985	64.925	43.256	32.83	0.07059	26.503	0
"2011-01-21	21:00:00"	5.3202	70.103	40.097	37.873	0.07313	26.506	0
"2011-01-21	22:00:00"	4.1439	74.051	35.908	43.691	0.07886	26.506	0
"2011-01-21	23:00:00"	4.052	76.106	34.708	46.04	0.05723	26.509	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-22	00:00:00"	4.7957	34.804	35.647	45.184	0.10154	26.509	0
"2011-01-22	01:00:00"	3.2628	236.37	31.588	50.19	0.07334	26.503	0
"2011-01-22	02:00:00"	2.7608	264.14	30.414	53.287	0.08055	26.497	0
"2011-01-22	03:00:00"	2.8571	264.53	32.606	49.861	0.08182	26.491	0
"2011-01-22	04:00:00"	2.6359	312.45	32.937	49.2	0.08013	26.468	0
"2011-01-22	05:00:00"	2.6707	292.33	33.15	48.107	0.07462	26.453	0
"2011-01-22	06:00:00"	2.3625	260.56	33.18	47.451	0.08861	26.423	0
"2011-01-22	07:00:00"	2.9627	223.32	31.485	50.721	0.07907	26.409	0
"2011-01-22	08:00:00"	3.3163	199.78	30.055	52.753	3.698	26.4	0
"2011-01-22	09:00:00"	3.4741	206.37	32.161	48.774	106.74	26.397	0
"2011-01-22	10:00:00"	9.9059	199.83	40.887	35.4	286.88	26.391	0
"2011-01-22	11:00:00"	15.014	206.61	46.025	28.758	453.55	26.373	0
"2011-01-22	12:00:00"	16.181	206.97	51.631	23.605	578.48	26.332	0
"2011-01-22	13:00:00"	16.694	225.17	56.746	20.256	645.6	26.296	0
"2011-01-22	14:00:00"	15.272	221.18	60.994	17.472	649.78	26.252	0
"2011-01-22	15:00:00"	16.817	227.28	64.826	15.286	589.08	26.223	0
"2011-01-22	16:00:00"	14.664	236.7	66.762	14.269	466.97	26.211	0
"2011-01-22	17:00:00"	13.794	220.6	67.116	13.601	300.3	26.193	0
"2011-01-22	18:00:00"	8.7477	239.12	66.066	13.817	116.3	26.187	0
"2011-01-22	19:00:00"	3.5083	244.65	59.038	17.049	4.7676	26.196	0
"2011-01-22	20:00:00"	1.4534	224.78	53.231	20.585	0.05596	26.208	0
"2011-01-22	21:00:00"	3.0503	282.92	51.862	22.266	0.05363	26.205	0
"2011-01-22	22:00:00"	2.506	240.05	48.348	24.73	0.07186	26.217	0
"2011-01-22	23:00:00"	4.2098	289.55	44.987	27.591	0.06169	26.237	0
"2011-01-23	00:00:00"	11.451	343.94	49.027	25.051	0.05511	26.261	0
"2011-01-23	01:00:00"	11.988	13.6	45.26	30.606	0.06363	26.279	0
"2011-01-23	02:00:00"	12.994	26.153	43.887	37.654	0.0725	26.285	0
"2011-01-23	03:00:00"	15.674	35.762	43.329	43.894	0.0566	26.294	0
"2011-01-23	04:00:00"	15.729	34.772	42.469	46.619	0.06275	26.332	0
"2011-01-23	05:00:00"	14.116	28.549	41.227	49.837	0.07652	26.367	0
"2011-01-23	06:00:00"	12.949	22.979	39.621	52.658	0.08098	26.394	0
"2011-01-23	07:00:00"	11.052	26.28	38.121	57.005	0.09285	26.423	0
"2011-01-23	08:00:00"	9.4983	22.449	38.438	57.569	3.7908	26.453	0
"2011-01-23	09:00:00"	7.9821	15.551	39.266	56.533	20.925	26.5	0
"2011-01-23	10:00:00"	10.656	17.506	41.762	53.23	59.789	26.527	0
"2011-01-23	11:00:00"	13.068	20.856	43.432	48.694	110.72	26.547	0
"2011-01-23	12:00:00"	13.286	30.086	44.505	39.238	208.53	26.55	0
"2011-01-23	13:00:00"	10.606	35.629	48.18	29.851	574.35	26.524	0
"2011-01-23	14:00:00"	9.4573	35.036	50.583	23.328	617.78	26.494	0
"2011-01-23	15:00:00"	7.216	48.652	51.507	23.412	589.61	26.488	0
"2011-01-23	16:00:00"	4.9536	21.875	51.76	23.252	469.68	26.485	0
"2011-01-23	17:00:00"	3.5499	354.7	51.982	23.275	303.49	26.485	0
"2011-01-23	18:00:00"	1.7753	288.08	52.083	23.313	120.33	26.485	0
"2011-01-23	19:00:00"	2.1667	120.27	47.775	27.11	5.4739	26.48	0
"2011-01-23	20:00:00"	4.4043	139.91	41.377	33.277	0.0814	26.488	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-23	21:00:00"	4.2614	172.11	36.991	40.216	0.07398	26.483	0
"2011-01-23	22:00:00"	3.5996	186.5	32.716	49.008	0.08776	26.474	0
"2011-01-23	23:00:00"	3.1665	219.32	32.114	54.546	0.07546	26.471	0
"2011-01-24	00:00:00"	3.8544	218.66	30.477	60.898	0.09984	26.462	0
"2011-01-24	01:00:00"	4.6195	222.7	28.376	67.482	0.07674	26.441	0
"2011-01-24	02:00:00"	3.8693	214.59	28.469	71.579	0.0903	26.42	0
"2011-01-24	03:00:00"	3.8127	217.93	27.635	74.898	0.08331	26.415	0
"2011-01-24	04:00:00"	4.0389	215.88	26.798	78.038	0.0797	26.397	0
"2011-01-24	05:00:00"	4.3502	223.99	25.843	79.869	0.08204	26.376	0
"2011-01-24	06:00:00"	4.4391	213.76	26.097	78.629	0.07059	26.358	0
"2011-01-24	07:00:00"	5.3568	227.68	26.423	75.146	0.08479	26.358	0
"2011-01-24	08:00:00"	4.6702	253.09	26.827	73.859	4.66	26.367	0
"2011-01-24	09:00:00"	3.8618	233.66	28.654	69.732	112.43	26.37	0
"2011-01-24	10:00:00"	6.5971	239.72	36.393	55.022	290.78	26.379	0
"2011-01-24	11:00:00"	8.0443	236.45	44.748	41.554	461.05	26.361	0
"2011-01-24	12:00:00"	9.8543	259.05	52.518	29.451	582.14	26.35	0
"2011-01-24	13:00:00"	11.466	278.31	56.454	21.452	650.58	26.326	0
"2011-01-24	14:00:00"	13.768	291.29	58.117	14.998	657.96	26.305	0
"2011-01-24	15:00:00"	13.688	310.36	58.373	14.292	592.95	26.305	0
"2011-01-24	16:00:00"	15.573	336.54	56.599	16.432	425.85	26.326	0
"2011-01-24	17:00:00"	19.656	356.11	52.799	22.997	224.82	26.364	0
"2011-01-24	18:00:00"	19.014	11.339	48.823	26.959	76.359	26.403	0
"2011-01-24	19:00:00"	17.432	8.4517	45.557	31.682	2.8651	26.441	0
"2011-01-24	20:00:00"	20.132	12.971	43.521	35.46	0.06338	26.483	0
"2011-01-24	21:00:00"	17.975	5.696	41.134	44.139	0.08246	26.521	0
"2011-01-24	22:00:00"	15.581	359.99	37.596	60.238	0.09136	26.542	0
"2011-01-24	23:00:00"	17.608	3.6365	36.041	67.982	0.08267	26.553	0
"2011-01-25	00:00:00"	15.004	9.9834	35.723	68.865	0.08288	26.571	0
"2011-01-25	01:00:00"	11.45	4.7661	33.19	74.879	0.06953	26.58	0
"2011-01-25	02:00:00"	10.419	7.5141	30.896	81.07	0.08585	26.586	0
"2011-01-25	03:00:00"	7.2992	359.74	28.842	84.728	0.07123	26.592	0
"2011-01-25	04:00:00"	6.7624	354.46	28.114	86.289	0.07229	26.604	0
"2011-01-25	05:00:00"	4.728	343.61	26.593	86.559	0.06889	26.595	0
"2011-01-25	06:00:00"	6.4821	1.7377	23.497	89.803	0.08797	26.586	0
"2011-01-25	07:00:00"	6.763	355.87	21.772	89.37	0.07017	26.589	0
"2011-01-25	08:00:00"	4.6472	283.87	20.03	88.583	5.6376	26.604	0
"2011-01-25	09:00:00"	4.339	271.84	22.954	86.009	128.32	26.615	0
"2011-01-25	10:00:00"	4.4217	312.8	30.78	78	295.44	26.627	0
"2011-01-25	11:00:00"	4.6945	304.63	37.7	58.561	461.69	26.627	0
"2011-01-25	12:00:00"	2.9236	278.19	41.556	41.387	589.71	26.604	0
"2011-01-25	13:00:00"	5.5992	251.27	44.309	32.108	661.84	26.565	0
"2011-01-25	14:00:00"	7.6435	230.64	46.39	27.388	669.37	26.533	0
"2011-01-25	15:00:00"	8.6625	223.4	47.69	26.996	607.4	26.5	0
"2011-01-25	16:00:00"	10.838	225.1	48.679	26.698	445.16	26.485	0
"2011-01-25	17:00:00"	10.949	229.91	48.789	24.179	304.19	26.477	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-25	18:00:00"	9.1422	226.13	47.66	23.386	137.88	26.468	0
"2011-01-25	19:00:00"	5.0679	185.77	40.66	28.711	4.2606	26.462	0
"2011-01-25	20:00:00"	4.7988	167.97	35.679	34.216	0.06487	26.462	0
"2011-01-25	21:00:00"	4.7647	162	33.394	38.614	0.07801	26.462	0
"2011-01-25	22:00:00"	5.1015	161.08	32.333	42.051	0.07589	26.468	0
"2011-01-25	23:00:00"	3.4182	172.69	31.638	43.424	0.08204	26.48	0
"2011-01-26	00:00:00"	3.3902	219.56	32.254	42.796	0.08522	26.485	0
"2011-01-26	01:00:00"	2.6843	185.9	30.934	43.68	0.07292	26.483	0
"2011-01-26	02:00:00"	2.8366	180.36	31.654	44.392	0.0744	26.477	0
"2011-01-26	03:00:00"	2.949	114.22	30.706	48.233	0.06105	26.477	0
"2011-01-26	04:00:00"	4.0097	355.02	30.463	48.703	0.07843	26.483	0
"2011-01-26	05:00:00"	3.466	102.01	30.095	51.62	0.08712	26.48	0
"2011-01-26	06:00:00"	4.0321	334.92	27.587	56.057	0.09433	26.488	0
"2011-01-26	07:00:00"	2.296	4.5305	27.138	60.763	0.07186	26.512	0
"2011-01-26	08:00:00"	2.2345	281.48	30.115	57.385	2.0005	26.524	0
"2011-01-26	09:00:00"	4.5863	312.1	30.091	57.851	65.122	26.553	0
"2011-01-26	10:00:00"	3.9494	336.74	36.807	48.06	232.62	26.577	0
"2011-01-26	11:00:00"	4.5863	45.42	43.121	37.333	461.55	26.589	0
"2011-01-26	12:00:00"	8.7054	14.541	45.989	27.773	600.02	26.586	0
"2011-01-26	13:00:00"	9.4734	11.897	48.556	25.411	616.88	26.568	0
"2011-01-26	14:00:00"	8.0008	21.344	51.631	22.789	559.61	26.547	0
"2011-01-26	15:00:00"	6.2392	23.401	53.367	21.551	560.89	26.539	0
"2011-01-26	16:00:00"	9.2802	29.028	54.061	21.598	478.29	26.542	0
"2011-01-26	17:00:00"	8.1157	42.393	53.603	21.507	311.02	26.553	0
"2011-01-26	18:00:00"	5.8508	56.948	52.07	21.876	127.47	26.571	0
"2011-01-26	19:00:00"	4.7063	53.753	45.773	26.638	6.6587	26.583	0
"2011-01-26	20:00:00"	6.0379	34.965	41.137	30.478	0.08776	26.604	0
"2011-01-26	21:00:00"	6.1497	36.732	36.226	37.327	0.07017	26.621	0
"2011-01-26	22:00:00"	6.3554	18.002	32.311	42.712	0.07886	26.63	0
"2011-01-26	23:00:00"	7.1035	17.163	31.118	45.419	0.07886	26.642	0
"2011-01-27	00:00:00"	7.1333	12.478	30.598	48.316	0.07186	26.657	0
"2011-01-27	01:00:00"	6.9841	13.094	30.571	53.58	0.07716	26.657	0
"2011-01-27	02:00:00"	5.9484	4.6044	29.342	60.196	0.08988	26.645	0
"2011-01-27	03:00:00"	3.5499	337.19	27.879	64.933	0.08119	26.63	0
"2011-01-27	04:00:00"	2.9366	338.65	25.385	69.837	0.08373	26.615	0
"2011-01-27	05:00:00"	3.0199	335.4	25.941	73.04	0.09624	26.615	0
"2011-01-27	06:00:00"	2.798	315.13	27.12	73.911	0.07229	26.624	0
"2011-01-27	07:00:00"	5.2643	289.81	28.747	68.634	0.0903	26.636	0
"2011-01-27	08:00:00"	5.0847	298.75	28.702	68.661	4.6915	26.645	0
"2011-01-27	09:00:00"	4.4776	285.2	31.203	64.294	112.74	26.648	0
"2011-01-27	10:00:00"	6.3175	287.22	39.984	49.324	298.2	26.669	0
"2011-01-27	11:00:00"	9.2056	260.75	47.717	36.741	470.66	26.666	0
"2011-01-27	12:00:00"	9.3417	264.5	53.035	28.716	598.86	26.654	0
"2011-01-27	13:00:00"	9.8506	283.26	56.316	22.431	668.75	26.63	0
"2011-01-27	14:00:00"	9.53	271.87	58.26	18.355	675.8	26.592	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-27	15:00:00"	9.8872	267.66	59.335	16.767	615.63	26.571	0
"2011-01-27	16:00:00"	9.2553	286.21	60.051	15.051	493.14	26.565	0
"2011-01-27	17:00:00"	7.3695	281.16	60.162	14.912	323.36	26.568	0
"2011-01-27	18:00:00"	5.5768	290.84	58.699	15.444	136.05	26.559	0
"2011-01-27	19:00:00"	2.1493	270.31	53.1	18.454	8.9716	26.568	0
"2011-01-27	20:00:00"	1.3024	322.27	48.801	21.628	0.07949	26.574	0
"2011-01-27	21:00:00"	0.95318	156.74	45.578	23.881	0.05448	26.583	0
"2011-01-27	22:00:00"	1.6292	211.23	41.695	26.177	0.09815	26.583	0
"2011-01-27	23:00:00"	1.879	254.62	41.044	27.486	0.06359	26.586	0
"2011-01-28	00:00:00"	2.0269	242.52	39.088	29.28	0.05808	26.583	0
"2011-01-28	01:00:00"	2.5905	255.01	39.305	29.348	0.08988	26.577	0
"2011-01-28	02:00:00"	3.2286	280.37	38.577	31.053	0.09709	26.574	0
"2011-01-28	03:00:00"	3.5064	264.25	38.746	31.74	0.07038	26.568	0
"2011-01-28	04:00:00"	3.7183	268.13	36.782	34.143	0.07017	26.547	0
"2011-01-28	05:00:00"	3.466	288.04	34.519	36.909	0.08076	26.542	0
"2011-01-28	06:00:00"	3.31	299.56	35.867	34.841	0.07186	26.527	0
"2011-01-28	07:00:00"	4.3073	330.11	31.557	38.856	0.0761	26.53	0
"2011-01-28	08:00:00"	2.8695	279.28	30.463	40.123	5.2997	26.542	0
"2011-01-28	09:00:00"	3.5803	309.07	36.546	32.576	115.27	26.559	0
"2011-01-28	10:00:00"	5.8421	311.97	47.261	22.126	297.8	26.574	0
"2011-01-28	11:00:00"	6.4088	299.46	52.886	18.223	468.99	26.571	0
"2011-01-28	12:00:00"	6.0689	261.9	57.883	15.159	602.77	26.556	0
"2011-01-28	13:00:00"	7.6901	243.83	62.191	11.188	674.23	26.521	0
"2011-01-28	14:00:00"	9.164	241.8	64.179	9.5633	680.98	26.491	0
"2011-01-28	15:00:00"	8.3587	235.22	66.097	8.5506	619.55	26.471	0
"2011-01-28	16:00:00"	8.6892	226.37	67.12	8.4005	495.46	26.456	0
"2011-01-28	17:00:00"	9.3349	198.78	65.948	8.5758	327.82	26.447	0
"2011-01-28	18:00:00"	8.5395	197.83	63.31	7.675	141.86	26.444	0
"2011-01-28	19:00:00"	5.1487	171.78	54.264	9.2433	9.3765	26.444	0
"2011-01-28	20:00:00"	5.7856	156.96	49.142	11.474	0.07123	26.444	0
"2011-01-28	21:00:00"	5.3432	165.99	45.464	13.998	0.05978	26.447	0
"2011-01-28	22:00:00"	6.1249	173.27	41.929	17.233	0.06635	26.444	0
"2011-01-28	23:00:00"	3.7034	169.76	39.447	20.101	0.07525	26.438	0
"2011-01-29	00:00:00"	1.7231	186.34	38.703	22.309	0.07843	26.432	0
"2011-01-29	01:00:00"	3.5971	195.54	38.54	23.786	0.07568	26.42	0
"2011-01-29	02:00:00"	4.5839	186.6	36.98	27.621	0.06868	26.406	0
"2011-01-29	03:00:00"	2.1953	221.88	38.641	27.351	0.0956	26.397	0
"2011-01-29	04:00:00"	2.4246	200.97	38.45	28.281	0.09772	26.385	0
"2011-01-29	05:00:00"	2.6601	217.36	37.125	30.305	0.07589	26.388	0
"2011-01-29	06:00:00"	2.7601	215.94	33.241	33.941	0.08458	26.379	0
"2011-01-29	07:00:00"	3.0292	209.51	32.254	34.462	0.08225	26.379	0
"2011-01-29	08:00:00"	3.5692	238.32	33.84	32.931	5.574	26.391	0
"2011-01-29	09:00:00"	3.3511	301.4	34.859	32.825	109.17	26.406	0
"2011-01-29	10:00:00"	5.8272	263.2	45.543	22.304	296.77	26.415	0
"2011-01-29	11:00:00"	7.5074	253.75	54.411	16.659	466.41	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-29	12:00:00"	10.565	218.29	61.95	13.577	593.96	26.406	0
"2011-01-29	13:00:00"	13.798	236.36	66.033	12.414	663.93	26.37	0
"2011-01-29	14:00:00"	17.728	253.13	68.284	11.626	668.1	26.338	0
"2011-01-29	15:00:00"	18.734	257.97	68.85	11.002	606.01	26.317	0
"2011-01-29	16:00:00"	16.758	254.75	69.538	10.475	480.82	26.311	0
"2011-01-29	17:00:00"	17.14	264.01	69.123	9.6325	315.8	26.314	0
"2011-01-29	18:00:00"	13.988	265.95	67.185	9.1575	132.11	26.32	0
"2011-01-29	19:00:00"	10.2	260.23	62.063	10.659	3.3506	26.341	0
"2011-01-29	20:00:00"	10.877	263.97	59.451	12.777	0.06805	26.353	0
"2011-01-29	21:00:00"	5.304	237.43	51.903	16.532	0.08055	26.353	0
"2011-01-29	22:00:00"	3.8513	242.96	46.369	20.461	0.05321	26.364	0
"2011-01-29	23:00:00"	3.453	253.65	46.132	21.876	0.0513	26.376	0
"2011-01-30	00:00:00"	3.6909	234.34	43.113	24.584	0.06911	26.37	0
"2011-01-30	01:00:00"	2.9211	215.54	40.701	27.111	0.07419	26.353	0
"2011-01-30	02:00:00"	3.6406	198.27	37.899	30.365	0.09327	26.347	0
"2011-01-30	03:00:00"	3.6499	214.33	36.561	32.38	0.06805	26.353	0
"2011-01-30	04:00:00"	4.0551	234.09	35.01	34.795	0.06953	26.356	0
"2011-01-30	05:00:00"	3.9258	318.93	36.61	32.755	0.08691	26.367	0
"2011-01-30	06:00:00"	7.1507	339.97	36.088	34.506	0.11044	26.379	0
"2011-01-30	07:00:00"	10.681	352.43	35.268	52.148	0.08818	26.418	0
"2011-01-30	08:00:00"	11.784	358.08	34.775	60.594	5.4625	26.438	0
"2011-01-30	09:00:00"	14.048	6.2045	35.175	61.284	116.7	26.459	0
"2011-01-30	10:00:00"	16.135	13.552	37.838	59.02	300.65	26.48	0
"2011-01-30	11:00:00"	10.237	20.884	40.901	53.453	471.44	26.5	0
"2011-01-30	12:00:00"	6.8351	5.6769	44.301	46.295	598.57	26.503	0
"2011-01-30	13:00:00"	5.7191	312.25	48.473	39.347	666.73	26.485	0
"2011-01-30	14:00:00"	5.2295	286.06	51.919	34.045	671.49	26.444	0
"2011-01-30	15:00:00"	4.7025	286.75	55.633	28.936	611.03	26.426	0
"2011-01-30	16:00:00"	3.2504	229.4	59.441	24.868	488.96	26.403	0
"2011-01-30	17:00:00"	3.6686	187.87	62.166	21.802	322.32	26.391	0
"2011-01-30	18:00:00"	4.6441	206.46	62.281	20.736	143.03	26.397	0
"2011-01-30	19:00:00"	4.5596	164.57	55.767	23.979	12.818	26.391	0
"2011-01-30	20:00:00"	5.8645	103.65	47.924	32.733	0.07334	26.388	0
"2011-01-30	21:00:00"	6.4082	125.8	45.559	37.087	0.10048	26.388	0
"2011-01-30	22:00:00"	6.9948	149.03	44.063	40.169	0.07864	26.391	0
"2011-01-30	23:00:00"	4.1377	170.95	41.263	44.227	0.08267	26.385	0
"2011-01-31	00:00:00"	2.5066	208.86	40.041	46.94	0.09793	26.388	0
"2011-01-31	01:00:00"	4.1278	216.73	39.509	46.12	0.07356	26.376	0
"2011-01-31	02:00:00"	2.3929	217.76	39.765	45.407	0.08352	26.358	0
"2011-01-31	03:00:00"	2.6433	188.8	37.218	49.573	0.06444	26.353	0
"2011-01-31	04:00:00"	2.7378	187.97	37.603	49.469	0.07313	26.353	0
"2011-01-31	05:00:00"	3.0168	243.5	38.546	47.811	0.08691	26.341	0
"2011-01-31	06:00:00"	2.7092	270.45	37.933	48.591	0.0903	26.326	0
"2011-01-31	07:00:00"	2.2947	243.33	36.915	50.049	0.07419	26.329	0
"2011-01-31	08:00:00"	2.3109	153.99	34.209	55.346	6.1943	26.341	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-01-31	09:00:00"	2.8198	191.32	39.749	44.879	118.17	26.356	0
"2011-01-31	10:00:00"	6.676	203.87	48.744	31.401	301.75	26.353	0
"2011-01-31	11:00:00"	7.595	214.01	55.656	24.681	471.14	26.338	0
"2011-01-31	12:00:00"	7.5863	225.48	60.337	22.658	598.09	26.323	0
"2011-01-31	13:00:00"	6.4076	244.04	64.074	20.276	668.65	26.276	0
"2011-01-31	14:00:00"	6.6835	228.88	65.372	19.567	641.75	26.226	0
"2011-01-31	15:00:00"	6.2261	242.17	65.675	18.362	457.93	26.187	0
"2011-01-31	16:00:00"	8.4649	238.72	67.061	15.581	506.46	26.169	0
"2011-01-31	17:00:00"	8.1462	230.22	66.82	15.941	268.83	26.164	0
"2011-01-31	18:00:00"	3.0702	203.74	64.007	17.475	50.819	26.172	0
"2011-01-31	19:00:00"	13.873	9.6749	51.417	36.897	1.1438	26.229	0
"2011-01-31	20:00:00"	21.499	41.481	38.537	62.286	0.06275	26.273	0
"2011-01-31	21:00:00"	22.412	27.934	33.759	72.435	0.07059	26.329	0
"2011-01-31	22:00:00"	19.207	41.337	30.898	83.5	0.06593	26.347	0
"2011-01-31	23:00:00"	17.103	49.732	28.842	88.135	0.05808	26.356	0
"2011-02-01	00:00:00"	14.103	56.067	26.884	90.596	0.09666	26.332	0
"2011-02-01	01:00:00"	14.229	40.661	25.766	89.038	0.07483	26.367	0
"2011-02-01	02:00:00"	17.295	31.714	23.23	84.624	0.08246	26.388	0
"2011-02-01	03:00:00"	16.952	31.396	20.158	83.643	0.09115	26.418	0
"2011-02-01	04:00:00"	20.463	16.462	18.048	77.492	0.06423	26.432	0
"2011-02-01	05:00:00"	20.65	12.695	15.988	73.45	0.092	26.45	0
"2011-02-01	06:00:00"	17.895	11.997	13.91	73.398	0.07313	26.474	0
"2011-02-01	07:00:00"	17.06	14.67	13.054	71.317	0.08649	26.512	0
"2011-02-01	08:00:00"	16.1	8.898	12.255	71.291	2.1372	26.536	0
"2011-02-01	09:00:00"	16.9	9.9793	11.974	70.938	47.11	26.577	0
"2011-02-01	10:00:00"	13.855	8.3554	13.052	74.35	181.52	26.586	0
"2011-02-01	11:00:00"	15.753	4.0531	14.48	72.67	285.97	26.583	0
"2011-02-01	12:00:00"	16.129	7.3864	14.504	66.151	344.46	26.601	0
"2011-02-01	13:00:00"	15.387	17.722	15.293	60.966	367.24	26.58	0
"2011-02-01	14:00:00"	14.354	8.4627	16.067	61.287	435.4	26.553	0
"2011-02-01	15:00:00"	15.47	16.012	16.183	60.696	321.88	26.553	0
"2011-02-01	16:00:00"	14.056	16.603	16.385	61.527	270.92	26.539	0
"2011-02-01	17:00:00"	15.833	24.681	15.962	60.536	164.33	26.553	0
"2011-02-01	18:00:00"	14.578	35.353	15.096	60.083	53.901	26.568	0
"2011-02-01	19:00:00"	14.001	26.302	13.29	66.176	3.4031	26.592	0
"2011-02-01	20:00:00"	14.45	25.79	12.007	70.933	0.08479	26.618	0
"2011-02-01	21:00:00"	15.427	30.849	11.015	70.324	0.07123	26.63	0
"2011-02-01	22:00:00"	15.167	22.624	10.179	72.534	0.09709	26.66	0
"2011-02-01	23:00:00"	14.625	22.579	8.9675	75.866	0.09984	26.698	0
"2011-02-02	00:00:00"	13.108	28.388	7.7215	80.753	0.092	26.701	0
"2011-02-02	01:00:00"	12.846	30.988	7.123	78.631	0.08564	26.713	0
"2011-02-02	02:00:00"	12.234	31.485	6.616	76.66	0.07059	26.71	0
"2011-02-02	03:00:00"	10.399	32.149	6.058	79.16	0.09433	26.719	0
"2011-02-02	04:00:00"	10.473	35.114	5.576	79.539	0.10557	26.719	0
"2011-02-02	05:00:00"	10.615	34	4.97	79.822	0.07907	26.719	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-02	06:00:00"	11.858	34.215	4.1405	78.115	0.11256	26.734	0
"2011-02-02	07:00:00"	10.631	38.956	3.772	77.618	0.07589	26.757	0
"2011-02-02	08:00:00"	9.5983	41.292	3.001	79.212	2.6286	26.766	0
"2011-02-02	09:00:00"	11.674	42.548	2.677	77.073	67.638	26.772	0
"2011-02-02	10:00:00"	13.133	36.594	4.484	72.624	290.8	26.796	0
"2011-02-02	11:00:00"	13.082	37.433	6.042	70.166	381.68	26.816	0
"2011-02-02	12:00:00"	13.615	41.566	6.84	70.074	389.27	26.807	0
"2011-02-02	13:00:00"	13.125	35.763	8.276	69.031	491.66	26.79	0
"2011-02-02	14:00:00"	12.763	37.219	9.7275	67.828	492.47	26.763	0
"2011-02-02	15:00:00"	12.708	38.497	10.808	68.269	414.06	26.757	0
"2011-02-02	16:00:00"	13.107	40.967	11.001	69.884	291.78	26.751	0
"2011-02-02	17:00:00"	13.606	43.724	10.703	74.21	191.83	26.751	0
"2011-02-02	18:00:00"	13.154	41.373	10.309	73.982	70.831	26.769	0
"2011-02-02	19:00:00"	10.94	36.982	9.67	77.898	4.0541	26.79	0
"2011-02-02	20:00:00"	10.415	30.954	8.935	80.051	0.10769	26.801	0
"2011-02-02	21:00:00"	9.0496	19.333	7.7965	81.08	0.07186	26.813	0
"2011-02-02	22:00:00"	8.939	15.874	7.1655	82.247	0.10769	26.816	0
"2011-02-02	23:00:00"	10.852	21.329	6.7975	81.759	0.09009	26.819	0
"2011-02-03	00:00:00"	9.4976	31.886	6.5765	80.819	0.08543	26.825	0
"2011-02-03	01:00:00"	8.66	31.653	6.545	79.777	0.09306	26.822	0
"2011-02-03	02:00:00"	7.9542	31.207	6.4175	78.391	0.08437	26.81	0
"2011-02-03	03:00:00"	8.4929	36.289	6.8565	77.348	0.09327	26.801	0
"2011-02-03	04:00:00"	8.8378	48.759	7.0325	77.229	0.06571	26.781	0
"2011-02-03	05:00:00"	9.7853	43.013	6.5955	80.218	0.09772	26.769	0
"2011-02-03	06:00:00"	8.0151	42.961	6.5855	81.061	0.08479	26.769	0
"2011-02-03	07:00:00"	6.1876	38.516	6.5695	82.484	0.09984	26.772	0
"2011-02-03	08:00:00"	6.3256	34.472	5.428	81.45	3.4466	26.778	0
"2011-02-03	09:00:00"	6.2504	28.088	4.8405	82.173	78.987	26.793	0
"2011-02-03	10:00:00"	12.051	15.867	6.865	74.748	272.7	26.796	0
"2011-02-03	11:00:00"	11.99	29.538	9.021	67.06	447.43	26.798	0
"2011-02-03	12:00:00"	11.521	46.78	10.966	62.088	644.25	26.781	0
"2011-02-03	13:00:00"	10.581	23.558	12.049	60.748	650.05	26.745	0
"2011-02-03	14:00:00"	10.604	18.347	12.962	61.126	567.02	0.02658	0
"2011-02-03	15:00:00"	10.309	9.3989	14.06	61.058	535.77	26.686	0
"2011-02-03	16:00:00"	9.681	9.1572	15.326	59.469	456.97	26.666	0
"2011-02-03	17:00:00"	9.346	6.0379	15.621	59.746	222.18	26.648	0
"2011-02-03	18:00:00"	8.8061	359.11	15.447	61.299	76.252	26.648	0
"2011-02-03	19:00:00"	7.07	343.4	15.034	63.323	4.8105	26.654	0
"2011-02-03	20:00:00"	5.2624	306.9	14.701	63.047	0.07144	26.657	0
"2011-02-03	21:00:00"	5.7328	248.29	14.72	61.947	0.08882	26.663	0
"2011-02-03	22:00:00"	6.9662	244.34	14.699	63.342	0.06677	26.66	0
"2011-02-03	23:00:00"	5.798	260.54	14.399	66.139	0.08352	26.654	0
"2011-02-04	00:00:00"	8.5942	246.33	13.337	78.534	0.10048	26.648	0
"2011-02-04	01:00:00"	8.5289	236.24	12.467	85.5	0.07356	26.627	0
"2011-02-04	02:00:00"	7.7497	232.89	12.723	87.163	0.09857	26.607	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-04	03:00:00"	8.1536	236.08	12.509	87.239	0.09327	26.598	0
"2011-02-04	04:00:00"	8.5582	230.44	11.123	83.679	0.08416	26.583	0
"2011-02-04	05:00:00"	7.6236	220.36	8.553	86.437	0.09052	26.568	0
"2011-02-04	06:00:00"	7.5975	225.16	5.7125	87.496	0.07864	26.55	0
"2011-02-04	07:00:00"	7.1638	228.58	2.7235	87.161	0.07186	26.542	0
"2011-02-04	08:00:00"	6.2932	230.57	2.226	87.012	7.8	26.533	0
"2011-02-04	09:00:00"	6.3709	240.47	4.368	83.914	137.51	26.536	0
"2011-02-04	10:00:00"	9.9991	237.73	10.701	77.944	333.65	26.547	0
"2011-02-04	11:00:00"	10.702	275.58	19.579	57.728	512.3	26.539	0
"2011-02-04	12:00:00"	10.534	302.3	24.989	48.123	645.47	26.536	0
"2011-02-04	13:00:00"	10.123	296.49	29.043	48.447	714.17	26.506	0.01
"2011-02-04	14:00:00"	11.704	307.31	32.716	51.476	715.15	26.485	0.01
"2011-02-04	15:00:00"	11.083	314.69	35.295	52.257	645.24	26.465	0
"2011-02-04	16:00:00"	11.131	321	36.257	49.664	518.29	26.456	0
"2011-02-04	17:00:00"	10.548	304.09	37.289	48.065	352.32	26.45	0
"2011-02-04	18:00:00"	9.0565	294.84	38.501	50.335	163.06	26.447	0
"2011-02-04	19:00:00"	6.8289	266.36	35.641	57.069	17.369	26.453	0
"2011-02-04	20:00:00"	5.0592	248.95	30.912	67.836	0.10302	26.441	0
"2011-02-04	21:00:00"	4.5025	243.71	27.459	77.52	0.09772	26.441	0
"2011-02-04	22:00:00"	4.9268	245.33	26.361	80.562	0.11659	26.447	0
"2011-02-04	23:00:00"	5.3127	239.21	24.744	82.804	0.07716	26.435	0
"2011-02-05	00:00:00"	6.2323	250.66	24.018	83.047	0.11998	26.429	0
"2011-02-05	01:00:00"	6.5499	252.19	25.287	76.038	0.12549	26.418	0
"2011-02-05	02:00:00"	5.337	256	24.862	76.237	0.09179	26.4	0
"2011-02-05	03:00:00"	6.3703	271.85	25.951	72.346	0.11023	26.382	0
"2011-02-05	04:00:00"	8.1468	282.44	26.471	68.954	0.12104	26.361	0
"2011-02-05	05:00:00"	7.8852	284.19	26.739	66.529	0.08776	26.344	0
"2011-02-05	06:00:00"	5.8595	277.41	26.136	67.318	0.0725	26.329	0
"2011-02-05	07:00:00"	5.2369	261.04	25.402	68.359	0.08967	26.326	0
"2011-02-05	08:00:00"	5.2568	259.05	24.997	69.28	9.736	26.32	0
"2011-02-05	09:00:00"	3.809	265.41	27.908	63.372	135.57	26.329	0
"2011-02-05	10:00:00"	9.1087	265.13	36.826	45.365	327.25	26.332	0
"2011-02-05	11:00:00"	12.783	267.28	43.454	32.754	504.91	26.314	0
"2011-02-05	12:00:00"	12.002	250.77	47.083	30.302	633.96	26.294	0
"2011-02-05	13:00:00"	12.273	238.21	50.381	29.029	702.64	26.252	0
"2011-02-05	14:00:00"	12.439	251.31	53.361	28.14	710.15	26.217	0
"2011-02-05	15:00:00"	13.344	239.43	55.52	26.96	636.73	26.187	0
"2011-02-05	16:00:00"	13.007	256.28	56.763	25.716	482.69	26.178	0
"2011-02-05	17:00:00"	10.027	284.4	56.271	26.781	225.88	26.181	0
"2011-02-05	18:00:00"	10.453	254.26	54.47	28.451	61.795	26.187	0
"2011-02-05	19:00:00"	8.3711	268.9	50.502	34.791	9.5238	26.187	0
"2011-02-05	20:00:00"	5.0536	270.39	45.734	42.973	0.08013	26.193	0
"2011-02-05	21:00:00"	5.7837	257.83	42.573	47.63	0.08161	26.196	0
"2011-02-05	22:00:00"	9.2578	262.03	42.87	47.838	0.08861	26.199	0
"2011-02-05	23:00:00"	7.7907	267.19	41.337	50.572	0.08098	26.202	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-06	00:00:00"	8.885	305.37	41.127	53.367	0.09052	26.211	0
"2011-02-06	01:00:00"	8.4413	311.02	37.509	63.189	0.07292	26.223	0
"2011-02-06	02:00:00"	6.3728	315.6	34.97	72.458	0.09115	26.234	0
"2011-02-06	03:00:00"	10.687	352.89	37.861	70.476	0.08161	26.232	0
"2011-02-06	04:00:00"	6.3815	336.79	37.879	72.97	0.09454	26.264	0
"2011-02-06	05:00:00"	4.331	354.24	37.987	76.17	0.07017	26.273	0
"2011-02-06	06:00:00"	4.6752	345.28	37.806	80.696	0.09306	26.288	0
"2011-02-06	07:00:00"	2.9565	311.66	37.345	83.171	0.08437	26.305	0
"2011-02-06	08:00:00"	4.7504	340.81	37.366	85.021	2.2627	26.329	0
"2011-02-06	09:00:00"	9.0689	344.8	38.837	83.36	87.89	26.353	0
"2011-02-06	10:00:00"	12.58	352.88	41.083	76.654	239.56	26.385	0
"2011-02-06	11:00:00"	11.889	1.6587	41.228	74.073	227.65	26.418	0
"2011-02-06	12:00:00"	13.008	357.14	41.607	71.964	318.36	26.409	0
"2011-02-06	13:00:00"	11.061	3.6515	41.826	71.229	404.39	26.409	0
"2011-02-06	14:00:00"	11.149	359.81	43.021	66.843	303.74	26.406	0
"2011-02-06	15:00:00"	10.65	348.13	45.741	56.691	543.42	26.415	0
"2011-02-06	16:00:00"	15.051	4.9501	40.493	72.84	261.59	26.474	0
"2011-02-06	17:00:00"	13.405	19.442	36.318	88.934	279.85	26.503	0.02
"2011-02-06	18:00:00"	14.633	15.297	35.144	89.599	43.36	26.553	0.01
"2011-02-06	19:00:00"	14.968	13.794	34.257	87.774	10.945	26.586	0
"2011-02-06	20:00:00"	12.782	8.5666	32.553	86.659	0.07462	26.615	0
"2011-02-06	21:00:00"	11.819	4.669	31.572	85.098	0.09242	26.633	0
"2011-02-06	22:00:00"	8.7682	348.48	30.992	83.78	0.085	26.657	0
"2011-02-06	23:00:00"	7.8075	342.09	29.555	85.352	0.0903	26.674	0
"2011-02-07	00:00:00"	7.9977	342.4	28.775	84.934	0.09645	26.68	0
"2011-02-07	01:00:00"	5.6172	320.24	28.348	83.472	0.09645	26.695	0
"2011-02-07	02:00:00"	5.7104	331.75	26.321	84.443	0.09115	26.701	0
"2011-02-07	03:00:00"	5.4295	338.09	25.453	83.363	0.0867	26.713	0
"2011-02-07	04:00:00"	4.7268	344.59	22.96	85.91	0.08818	26.701	0
"2011-02-07	05:00:00"	5.4954	352.96	22.348	85.551	0.09433	26.698	0
"2011-02-07	06:00:00"	4.0023	279.3	21.383	84.764	0.09158	26.707	0
"2011-02-07	07:00:00"	3.32	290.29	19.685	86.556	0.09709	26.695	0
"2011-02-07	08:00:00"	4.9877	5.6636	18.48	85.718	11.481	26.704	0
"2011-02-07	09:00:00"	3.064	287.26	23.678	82.126	142.33	26.728	0
"2011-02-07	10:00:00"	3.133	336.9	32.418	70.471	335.56	26.734	0.01
"2011-02-07	11:00:00"	5.675	221.28	35.516	62.298	516.43	26.71	0
"2011-02-07	12:00:00"	11.484	216.46	39.401	47.459	649.5	26.68	0
"2011-02-07	13:00:00"	14.532	211.85	41.68	40.508	717.67	26.63	0
"2011-02-07	14:00:00"	14.41	219.3	44.106	36.742	725.48	26.571	0
"2011-02-07	15:00:00"	13.85	219.43	46.638	32.511	662.18	26.533	0
"2011-02-07	16:00:00"	14.804	216.65	47.546	32.478	536.63	26.494	0
"2011-02-07	17:00:00"	14.236	212.07	48.269	32.006	363.15	26.468	0
"2011-02-07	18:00:00"	11.797	203.67	48.345	31.611	167.73	26.45	0
"2011-02-07	19:00:00"	7.1234	188.1	43.906	36.996	19.291	26.432	0
"2011-02-07	20:00:00"	6.955	183.16	39.636	42.776	0.07546	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-07	21:00:00"	6.3299	177.46	37.718	44.396	0.06381	26.406	0
"2011-02-07	22:00:00"	8.0952	179.47	36.405	45.097	0.09836	26.37	0
"2011-02-07	23:00:00"	5.8241	200.13	33.35	49.254	0.10133	26.358	0
"2011-02-08	00:00:00"	3.4505	215.14	31.117	53.553	0.09242	26.341	0
"2011-02-08	01:00:00"	4.2744	210.92	28.955	58.69	0.10217	26.311	0
"2011-02-08	02:00:00"	3.1125	187.85	29.24	59.089	0.08458	26.302	0
"2011-02-08	03:00:00"	4.71	206.35	28.871	61.282	0.09687	26.294	0
"2011-02-08	04:00:00"	5.2717	230.52	27.141	64.455	0.08267	26.288	0
"2011-02-08	05:00:00"	6.855	191.63	28.157	64.833	0.10557	26.264	0
"2011-02-08	06:00:00"	7.7075	196.79	30.254	60.415	0.10345	26.246	0
"2011-02-08	07:00:00"	8.8763	191.22	30.262	60.285	0.08818	26.24	0
"2011-02-08	08:00:00"	9.6443	192.54	30.833	60.286	12.181	26.246	0
"2011-02-08	09:00:00"	8.3562	207.93	32.382	58.318	147.21	26.249	0
"2011-02-08	10:00:00"	12.32	197.67	41.381	41.87	343.88	26.261	0
"2011-02-08	11:00:00"	10.582	199.66	50.064	29.486	521.57	26.255	0
"2011-02-08	12:00:00"	11.132	209.44	56.237	23.193	652.59	26.24	0
"2011-02-08	13:00:00"	11.127	214.3	61.538	18.5	724.96	26.234	0
"2011-02-08	14:00:00"	9.3982	218.56	64.925	15.988	730.6	26.193	0
"2011-02-08	15:00:00"	15.7	327.15	60.803	23.396	659.43	26.178	0
"2011-02-08	16:00:00"	25.26	26.864	42.456	44.498	521.62	26.178	0
"2011-02-08	17:00:00"	24.332	26.46	35.642	48.832	348.51	26.199	0
"2011-02-08	18:00:00"	25.535	24.066	28.424	54.219	126.97	26.226	0
"2011-02-08	19:00:00"	23.369	13.113	20.942	61.606	8.9862	26.299	0
"2011-02-08	20:00:00"	23.95	9.5885	15.945	64.484	0.07546	26.379	0
"2011-02-08	21:00:00"	24.542	6.9895	13.111	64.643	0.08394	26.426	0
"2011-02-08	22:00:00"	24.69	6.5353	11.832	61.442	0.09815	26.465	0
"2011-02-08	23:00:00"	23.393	8.8292	12.394	58.491	0.09539	26.506	0
"2011-02-09	00:00:00"	22.29	13.387	12.464	57.656	0.09136	26.53	0
"2011-02-09	01:00:00"	21.029	15.622	12.046	60.5	0.09709	26.553	0
"2011-02-09	02:00:00"	19.38	12.311	11.166	64.201	0.09433	26.592	0
"2011-02-09	03:00:00"	18.616	8.1847	10.602	62.138	0.07398	26.615	0
"2011-02-09	04:00:00"	17.679	6.6299	10.03	64.011	0.07652	26.624	0
"2011-02-09	05:00:00"	16.176	2.3251	9.38	67.539	0.08882	26.645	0
"2011-02-09	06:00:00"	14.551	359.55	8.852	68.374	0.08119	26.666	0
"2011-02-09	07:00:00"	15.919	359.43	8.506	62.179	0.0956	26.677	0
"2011-02-09	08:00:00"	14.061	357.84	7.715	63.555	8.7066	26.713	0
"2011-02-09	09:00:00"	16.586	1.9987	8.8555	60.21	91.063	26.745	0
"2011-02-09	10:00:00"	16.673	4.9808	10.834	55.629	238.58	26.757	0
"2011-02-09	11:00:00"	15.665	4.8683	13.287	51.223	370.01	26.772	0
"2011-02-09	12:00:00"	15.097	9.0399	17.556	45.35	669.38	26.757	0
"2011-02-09	13:00:00"	13.955	3.5587	20.61	41.918	742.6	26.736	0
"2011-02-09	14:00:00"	13.353	5.3988	23.36	39.343	750.05	26.71	0
"2011-02-09	15:00:00"	13.218	3.3507	25.845	37.029	683.94	26.695	0
"2011-02-09	16:00:00"	13.379	0.37682	27.313	35.103	561.39	26.689	0
"2011-02-09	17:00:00"	11.848	7.1138	27.89	34.521	381.06	26.689	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-09	18:00:00"	10.304	11.748	27.205	35.499	181.81	26.698	0
"2011-02-09	19:00:00"	7.7292	15.926	23.975	40.091	23.515	26.704	0
"2011-02-09	20:00:00"	6.1068	19.873	19.116	49.104	0.092	26.701	0
"2011-02-09	21:00:00"	3.604	114.1	17.053	53.881	0.07313	26.713	0
"2011-02-09	22:00:00"	4.0383	112.41	15.651	58.552	0.10133	26.716	0
"2011-02-09	23:00:00"	4.2446	87.929	15.086	60.557	0.08988	26.71	0
"2011-02-10	00:00:00"	4.1986	92.42	12.981	65.458	0.09539	26.695	0
"2011-02-10	01:00:00"	4.2694	87.074	11.939	68.485	0.09391	26.669	0
"2011-02-10	02:00:00"	4.1713	234.47	9.6915	74.082	0.07864	26.663	0
"2011-02-10	03:00:00"	3.809	256.59	8.1105	75.552	0.08712	26.636	0
"2011-02-10	04:00:00"	5.3419	244.61	8.232	76.244	0.08734	26.633	0
"2011-02-10	05:00:00"	3.2958	329.72	8.989	75.485	0.09009	26.609	0
"2011-02-10	06:00:00"	3.1243	343.81	7.375	79.541	0.10981	26.592	0
"2011-02-10	07:00:00"	2.9285	147.39	8.3475	78.383	0.07801	26.586	0
"2011-02-10	08:00:00"	6.5865	212.54	7.7405	77.273	12.714	26.589	0
"2011-02-10	09:00:00"	7.3154	220.14	9.4905	76.898	152.37	26.601	0
"2011-02-10	10:00:00"	8.235	223.11	17.976	58.77	354.54	26.609	0
"2011-02-10	11:00:00"	8.5805	224.63	23.541	46.099	536.67	26.604	0
"2011-02-10	12:00:00"	8.4861	219.75	28.623	37.521	671.67	26.586	0
"2011-02-10	13:00:00"	9.2827	211.7	32.973	30.426	745.32	26.553	0
"2011-02-10	14:00:00"	10.863	210.19	36.378	25.801	750.27	26.512	0
"2011-02-10	15:00:00"	10.315	213.58	39.136	22.821	686.77	26.491	0
"2011-02-10	16:00:00"	9.9053	216.35	41.039	21.132	560.72	26.48	0
"2011-02-10	17:00:00"	9.1267	221.99	42.486	20.154	386.07	26.485	0
"2011-02-10	18:00:00"	7.8951	215.5	42.12	20.099	185.24	26.483	0
"2011-02-10	19:00:00"	4.7187	186.32	36.578	23.706	23.459	26.491	0
"2011-02-10	20:00:00"	4.0402	171.7	30.933	28.719	0.07377	26.5	0
"2011-02-10	21:00:00"	3.9699	178.5	27.962	32.114	0.0973	26.512	0
"2011-02-10	22:00:00"	3.7537	190.69	26.764	33.235	0.08797	26.527	0
"2011-02-10	23:00:00"	3.6406	212.08	26.233	33.55	0.09518	26.527	0
"2011-02-11	00:00:00"	4.037	217.7	25.787	34.076	0.09454	26.527	0
"2011-02-11	01:00:00"	4.0768	248.66	26.436	34.402	0.08161	26.536	0
"2011-02-11	02:00:00"	4.4913	249.81	25.502	37.558	0.08182	26.536	0
"2011-02-11	03:00:00"	3.9799	246.37	25.751	37.506	0.08924	26.539	0
"2011-02-11	04:00:00"	3.4778	310.22	23.339	42.076	0.09009	26.533	0
"2011-02-11	05:00:00"	3.4983	278.77	23.949	41.403	0.09115	26.542	0
"2011-02-11	06:00:00"	4.3397	223.7	22.837	42.841	0.07462	26.547	0
"2011-02-11	07:00:00"	5.1536	233.14	21.092	46.574	0.08606	26.565	0
"2011-02-11	08:00:00"	4.4652	257.11	23.004	42.688	14.319	26.586	0
"2011-02-11	09:00:00"	2.8011	308.39	25.566	42.738	158.62	26.621	0
"2011-02-11	10:00:00"	4.5453	236.98	35.273	30.573	360.8	26.642	0
"2011-02-11	11:00:00"	8.2493	214.59	43.959	22.534	545.19	26.645	0
"2011-02-11	12:00:00"	10.613	214.76	48.343	20.125	680.25	26.645	0
"2011-02-11	13:00:00"	10.335	219.49	52.119	17.599	753.59	26.636	0
"2011-02-11	14:00:00"	8.9999	223.96	54.88	14.603	758.94	26.621	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-11	15:00:00"	8.4556	220.83	56.557	13.407	693.84	26.604	0
"2011-02-11	16:00:00"	8.0586	218.35	57.785	12.546	565.84	26.609	0
"2011-02-11	17:00:00"	5.2729	236.1	58.574	11.226	387.95	26.627	0
"2011-02-11	18:00:00"	5.0294	240.04	57.807	11.353	184.44	26.642	0
"2011-02-11	19:00:00"	2.0232	235.21	53.084	13.298	24.218	26.657	0
"2011-02-11	20:00:00"	3.1236	161.06	45.795	17.295	0.05808	26.68	0
"2011-02-11	21:00:00"	4.052	34.369	39.944	22.699	0.08924	26.704	0
"2011-02-11	22:00:00"	1.633	23.226	42.08	20.59	0.07568	26.722	0
"2011-02-11	23:00:00"	4.943	19.859	36.801	28.46	0.06677	26.731	0
"2011-02-12	00:00:00"	7.0451	15.197	30.125	46.596	0.085	26.734	0
"2011-02-12	01:00:00"	7.0898	13.195	29.059	53.551	0.05893	26.745	0
"2011-02-12	02:00:00"	7.7112	12.858	28.596	57.533	0.0867	26.757	0
"2011-02-12	03:00:00"	5.8297	5.1699	25.631	64.556	0.08352	26.742	0
"2011-02-12	04:00:00"	3.1472	286.05	23.219	68.6	0.08691	26.745	0
"2011-02-12	05:00:00"	2.8161	348.04	20.825	75.129	0.07568	26.745	0
"2011-02-12	06:00:00"	4.925	35.48	20.329	77.163	0.07229	26.748	0
"2011-02-12	07:00:00"	5.8719	8.6275	21.647	75.999	0.09052	26.76	0
"2011-02-12	08:00:00"	3.3318	3.495	20.614	77.108	14.311	26.772	0
"2011-02-12	09:00:00"	1.513	292.55	28.774	63.373	162.09	26.801	0
"2011-02-12	10:00:00"	4.9182	243.44	41.105	33.794	365.61	26.813	0
"2011-02-12	11:00:00"	9.0919	233.55	49.392	20.719	549.31	26.822	0
"2011-02-12	12:00:00"	13.454	221.42	55.206	15.222	684.97	26.798	0
"2011-02-12	13:00:00"	16.179	216.02	57.82	13.434	758.92	26.757	0
"2011-02-12	14:00:00"	16.589	214.88	59.024	13.043	764.12	26.725	0
"2011-02-12	15:00:00"	15.662	216.84	60.98	11.461	701.43	26.695	0
"2011-02-12	16:00:00"	14.506	217.81	62.747	9.7433	574.18	26.674	0
"2011-02-12	17:00:00"	14.14	219.82	63.463	8.9247	394.65	26.677	0
"2011-02-12	18:00:00"	11.612	212.41	62.82	8.9583	190.52	26.677	0
"2011-02-12	19:00:00"	6.2243	187.31	55.134	11.521	27.081	26.669	0
"2011-02-12	20:00:00"	6.1006	179.62	48.039	14.869	0.07271	26.677	0
"2011-02-12	21:00:00"	2.8297	215.17	45.411	16.212	0.08946	26.68	0
"2011-02-12	22:00:00"	2.3016	190.82	43.69	17.193	0.0655	26.677	0
"2011-02-12	23:00:00"	2.4321	181.81	42.508	17.507	0.09306	26.674	0
"2011-02-13	00:00:00"	3.8612	186.07	39.04	18.974	0.07568	26.666	0
"2011-02-13	01:00:00"	3.8786	242.01	39.792	17.106	0.06614	26.657	0
"2011-02-13	02:00:00"	3.3759	224.84	37.725	17.748	0.06508	26.654	0
"2011-02-13	03:00:00"	3.2852	231.66	37.4	18.18	0.07377	26.633	0
"2011-02-13	04:00:00"	3.0485	234.23	36.054	19.232	0.07737	26.624	0
"2011-02-13	05:00:00"	3.4244	229.19	35.231	19.446	0.06889	26.607	0
"2011-02-13	06:00:00"	3.3964	254.87	34.824	20.363	0.06635	26.604	0
"2011-02-13	07:00:00"	3.0994	233.97	32.533	22.855	0.08649	26.601	0
"2011-02-13	08:00:00"	4.2241	245.5	32.421	27.023	17.914	26.601	0
"2011-02-13	09:00:00"	4.3676	239.51	31.93	28.441	166.2	26.621	0
"2011-02-13	10:00:00"	6.6487	244.97	44.451	17.472	368.95	26.63	0
"2011-02-13	11:00:00"	7.4372	241.57	55.71	11.784	551.85	26.621	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-13	12:00:00"	9.8829	225.65	62.928	8.4128	688.59	26.598	0
"2011-02-13	13:00:00"	12.36	222.66	66.22	7.3433	762.72	26.565	0
"2011-02-13	14:00:00"	15.386	226.52	69.328	7.8692	765.4	26.521	0
"2011-02-13	15:00:00"	16.363	229.65	72.218	7.6231	699.43	26.491	0
"2011-02-13	16:00:00"	16.187	228.06	74.286	7.4533	570.22	26.483	0
"2011-02-13	17:00:00"	15.245	231.4	74.833	6.8822	391.63	26.477	0
"2011-02-13	18:00:00"	12.521	227.91	73.384	6.8767	189.71	26.483	0
"2011-02-13	19:00:00"	5.8073	223.33	65.699	8.9372	25.969	26.483	0
"2011-02-13	20:00:00"	3.261	211.87	57.631	12.289	0.06932	26.497	0
"2011-02-13	21:00:00"	2.5215	216.76	55.49	13.89	0.07186	26.509	0
"2011-02-13	22:00:00"	2.941	260.4	54.159	14.339	0.07419	26.518	0
"2011-02-13	23:00:00"	3.3063	243.67	50.281	16.905	0.07589	26.509	0
"2011-02-14	00:00:00"	2.3923	229.24	46.953	19.361	0.07017	26.509	0
"2011-02-14	01:00:00"	3.6615	256.31	47.01	19.921	0.06194	26.512	0
"2011-02-14	02:00:00"	3.8637	253	45.73	20.836	0.07144	26.506	0
"2011-02-14	03:00:00"	5.9173	308.28	45.004	21.99	0.08055	26.506	0
"2011-02-14	04:00:00"	10.739	328.28	49.723	17.565	0.08098	26.512	0
"2011-02-14	05:00:00"	12.181	337	47.907	21.269	0.0797	26.518	0
"2011-02-14	06:00:00"	13.325	3.5542	47.828	28.01	0.06741	26.527	0
"2011-02-14	07:00:00"	14.829	15.875	45.633	39.16	0.06529	26.547	0
"2011-02-14	08:00:00"	15.223	18.253	43.42	46.209	10.478	26.583	0
"2011-02-14	09:00:00"	16.026	21.388	44.565	45.126	149.63	26.607	0
"2011-02-14	10:00:00"	16.992	28.788	48.09	40.15	274.93	26.633	0
"2011-02-14	11:00:00"	12.665	13.995	52.724	33.909	547.2	26.672	0
"2011-02-14	12:00:00"	11.395	17.064	56.269	28.612	629.81	26.657	0
"2011-02-14	13:00:00"	12.346	0.35919	58.826	25.827	732.4	26.609	0
"2011-02-14	14:00:00"	11.07	24.055	60.372	23.304	694.6	26.583	0
"2011-02-14	15:00:00"	7.1743	356.63	62.173	21.418	614.29	26.58	0
"2011-02-14	16:00:00"	6.6623	351.55	63.9	20.116	558.14	26.559	0
"2011-02-14	17:00:00"	5.6681	1.0384	64.614	19.659	379.62	26.559	0
"2011-02-14	18:00:00"	5.9335	1.6164	63.572	20.595	183.24	26.559	0
"2011-02-14	19:00:00"	4.4608	4.9382	58.788	24.283	25.178	26.556	0
"2011-02-14	20:00:00"	5.506	9.5966	51.805	30.584	0.07229	26.565	0
"2011-02-14	21:00:00"	5.9273	17.518	47.767	34.958	0.08543	26.562	0
"2011-02-14	22:00:00"	5.6408	41.338	45.212	38.516	0.07674	26.559	0
"2011-02-14	23:00:00"	5.8278	37.011	42.164	43.453	0.0903	26.553	0
"2011-02-15	00:00:00"	4.902	56.289	43.28	43.724	0.09221	26.553	0
"2011-02-15	01:00:00"	3.0907	98.157	45.552	41.007	0.06444	26.539	0
"2011-02-15	02:00:00"	1.3459	225.34	43.442	44.697	0.06741	26.521	0
"2011-02-15	03:00:00"	2.5644	246.9	43.238	45.074	0.09539	26.506	0
"2011-02-15	04:00:00"	2.7912	242.9	42.574	44.894	0.08967	26.491	0
"2011-02-15	05:00:00"	4.0855	241	38.918	49.044	0.08267	26.474	0
"2011-02-15	06:00:00"	3.8382	242.98	35.344	54.486	0.06677	26.48	0
"2011-02-15	07:00:00"	4.2831	263.6	38.988	48.261	0.07271	26.488	0
"2011-02-15	08:00:00"	5.0461	288.47	42.955	42.276	17.718	26.506	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-15	09:00:00"	4.6037	284.43	49.238	34.431	164.4	26.533	0
"2011-02-15	10:00:00"	5.7253	271.07	57.068	25.673	363.16	26.547	0
"2011-02-15	11:00:00"	6.0372	287.95	64.22	18.717	544.26	26.556	0
"2011-02-15	12:00:00"	8.2276	304.72	71.664	11.905	679.76	26.547	0
"2011-02-15	13:00:00"	8.9869	304.17	74.94	8.3006	759.54	26.521	0
"2011-02-15	14:00:00"	8.811	294.19	76.253	7.2939	767.35	26.488	0
"2011-02-15	15:00:00"	7.2738	298.21	77.611	6.2942	705.77	26.468	0
"2011-02-15	16:00:00"	7.0308	262.66	78.579	6.3183	576.25	26.453	0
"2011-02-15	17:00:00"	6.9475	266.57	78.418	6.9081	396.43	26.444	0
"2011-02-15	18:00:00"	6.3262	252.35	77.367	7.3181	194.2	26.447	0
"2011-02-15	19:00:00"	2.1872	279.21	72.868	8.7272	27.905	26.45	0
"2011-02-15	20:00:00"	4.6373	3.8449	65.673	11.874	0.06465	26.444	0
"2011-02-15	21:00:00"	5.2139	19.513	61.618	13.767	0.05999	26.447	0
"2011-02-15	22:00:00"	3.1323	85.839	63.839	11.936	0.07674	26.462	0
"2011-02-15	23:00:00"	3.5499	129.21	59.647	14.163	0.08564	26.456	0
"2011-02-16	00:00:00"	4.4061	213.78	54.681	17.278	0.09094	26.462	0
"2011-02-16	01:00:00"	3.1218	196.75	51.053	20.659	0.05729	26.453	0
"2011-02-16	02:00:00"	3.4014	197.03	49.069	26.584	0.06338	26.438	0
"2011-02-16	03:00:00"	2.5793	243.93	48.736	32.823	0.07229	26.429	0
"2011-02-16	04:00:00"	2.5855	219.94	49.219	38.373	0.07059	26.412	0
"2011-02-16	05:00:00"	2.6421	227.97	47.447	46.506	0.06529	26.403	0
"2011-02-16	06:00:00"	2.4296	222.16	45.988	55.205	0.09221	26.4	0
"2011-02-16	07:00:00"	2.5986	240.38	44.299	61.122	0.0814	26.4	0
"2011-02-16	08:00:00"	3.325	241.51	43.807	68.325	18.959	26.406	0
"2011-02-16	09:00:00"	5.0294	213.33	47.68	68.747	167.11	26.426	0
"2011-02-16	10:00:00"	7.8342	216.25	57.335	53.204	365.76	26.438	0
"2011-02-16	11:00:00"	9.1254	213.91	66.077	30.059	546.8	26.438	0
"2011-02-16	12:00:00"	11.319	210.27	72.817	17.183	683.08	26.423	0
"2011-02-16	13:00:00"	13.981	213.84	77.68	12.208	758.92	26.391	0
"2011-02-16	14:00:00"	15.412	215.55	80.517	9.6861	763.72	26.356	0
"2011-02-16	15:00:00"	14.756	215.32	82.117	9.0403	699.81	26.329	0
"2011-02-16	16:00:00"	13.414	209.81	82.921	8.0714	574.2	26.311	0
"2011-02-16	17:00:00"	12.515	217.58	83.211	7.6022	396.49	26.302	0
"2011-02-16	18:00:00"	10.888	213.55	81.919	7.6544	194.09	26.294	0
"2011-02-16	19:00:00"	5.3531	226.16	74.776	9.4472	30.796	26.296	0
"2011-02-16	20:00:00"	2.5992	220.56	67.482	12.122	0.06359	26.311	0
"2011-02-16	21:00:00"	6.205	217.81	62.989	17.866	0.06995	26.326	0
"2011-02-16	22:00:00"	8.9602	186.17	60.822	39.068	0.06932	26.329	0
"2011-02-16	23:00:00"	7.5149	184.34	57.12	54.553	0.06783	26.329	0
"2011-02-17	00:00:00"	2.9142	208.09	52.527	67.398	0.09857	26.323	0
"2011-02-17	01:00:00"	3.9793	227.83	51.38	74.673	0.06465	26.32	0
"2011-02-17	02:00:00"	5.2835	211.11	50.347	82.336	0.06508	26.317	0
"2011-02-17	03:00:00"	9.4908	195.3	52.212	82.386	0.07801	26.291	0
"2011-02-17	04:00:00"	7.9927	205.63	51.856	82.284	0.08437	26.291	0
"2011-02-17	05:00:00"	4.1309	259.95	48.687	86.484	0.08034	26.285	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-17	06:00:00"	3.5008	227.3	46.397	91.218	0.07462	26.296	0
"2011-02-17	07:00:00"	3.0683	197.06	44.427	92.3	0.09518	26.308	0
"2011-02-17	08:00:00"	3.2156	195.51	44.061	92.096	5.995	26.329	0
"2011-02-17	09:00:00"	5.9496	205.26	47.801	82.46	160.04	26.356	0
"2011-02-17	10:00:00"	6.1665	229.6	55.023	60.668	287.81	26.385	0
"2011-02-17	11:00:00"	6.4343	224.44	59.547	46.703	452.27	26.4	0
"2011-02-17	12:00:00"	10.681	241.54	71.227	20.674	665.47	26.397	0
"2011-02-17	13:00:00"	13.213	258.11	75.201	15.37	758.02	26.385	0
"2011-02-17	14:00:00"	14.285	247.61	76.855	14.359	764.68	26.358	0
"2011-02-17	15:00:00"	12.838	254.15	78.839	13.488	737.91	26.344	0
"2011-02-17	16:00:00"	14.498	241.23	78.266	14.192	356.78	26.344	0
"2011-02-17	17:00:00"	13.076	239.04	77.215	14.402	208.22	26.347	0
"2011-02-17	18:00:00"	14.659	235.06	75.347	15.635	126.15	26.364	0
"2011-02-17	19:00:00"	10.857	230.31	72.293	16.932	32.569	26.388	0
"2011-02-17	20:00:00"	5.1176	243.26	65.718	21.061	0.06699	26.418	0
"2011-02-17	21:00:00"	1.7771	209.7	62.44	23.075	0.0778	26.432	0
"2011-02-17	22:00:00"	2.3388	325.21	61.023	22.055	0.06402	26.438	0
"2011-02-17	23:00:00"	3.8289	348.01	59.846	21.627	0.05384	26.45	0
"2011-02-18	00:00:00"	4.8983	327.69	58.655	22.671	0.0443	26.459	0
"2011-02-18	01:00:00"	4.1301	329.85	56.448	24.86	0.0816	26.465	0
"2011-02-18	02:00:00"	3.169	143.91	51.614	29.284	0.07652	26.48	0
"2011-02-18	03:00:00"	2.1065	172.63	52.629	30.771	0.06911	26.488	0
"2011-02-18	04:00:00"	3.1038	180.18	51.872	39.838	0.06041	26.488	0
"2011-02-18	05:00:00"	1.3602	212.65	51.558	51.003	0.06169	26.494	0
"2011-02-18	06:00:00"	1.418	186.7	50.523	62.972	0.07674	26.503	0
"2011-02-18	07:00:00"	2.2108	320.34	50.684	69.517	0.08204	26.509	0
"2011-02-18	08:00:00"	2.3513	319.51	50.64	73.204	18.447	26.521	0
"2011-02-18	09:00:00"	3.6027	5.9373	53.658	62.709	162.67	26.556	0
"2011-02-18	10:00:00"	2.918	134.21	65.574	34.473	361.63	26.577	0
"2011-02-18	11:00:00"	4.0619	79.545	70.007	22.334	541.76	26.577	0
"2011-02-18	12:00:00"	5.3208	107.7	72.831	20.088	673.3	26.574	0
"2011-02-18	13:00:00"	4.4919	116.77	75.557	19.159	743.88	26.547	0
"2011-02-18	14:00:00"	5.5445	133.56	77.123	18.998	758.69	26.518	0
"2011-02-18	15:00:00"	7.3104	177.86	78.926	17.417	689.49	26.491	0
"2011-02-18	16:00:00"	9.287	156.78	79.726	16.798	563.41	26.477	0
"2011-02-18	17:00:00"	9.9687	160.86	79.295	17.511	386.61	26.468	0
"2011-02-18	18:00:00"	9.3106	165.42	77.823	19.687	183.56	26.471	0
"2011-02-18	19:00:00"	6.5064	135.61	72.121	28.264	24.764	26.474	0
"2011-02-18	20:00:00"	6.95	137.14	65.72	40.359	0.06317	26.491	0
"2011-02-18	21:00:00"	8.1847	158.82	63.321	57.606	0.07398	26.512	0
"2011-02-18	22:00:00"	7.4036	156.15	60.822	68.809	0.06571	26.527	0
"2011-02-18	23:00:00"	4.1216	148.67	57.241	77.319	0.07462	26.533	0
"2011-02-19	00:00:00"	4.7156	216.94	54.811	85.828	0.08734	26.527	0
"2011-02-19	01:00:00"	7.6174	191.52	56.379	91.161	0.05384	26.524	0
"2011-02-19	02:00:00"	6.5604	188.39	55.738	92.232	0.04854	26.518	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-19	03:00:00"	6.2504	195.36	54.853	91.641	0.06571	26.506	0
"2011-02-19	04:00:00"	4.7063	221.59	54.373	90.988	0.07356	26.494	0
"2011-02-19	05:00:00"	4.6193	216.06	53.865	92.145	0.06868	26.494	0
"2011-02-19	06:00:00"	2.2146	220.53	53.328	92.885	0.07059	26.491	0
"2011-02-19	07:00:00"	1.6529	85.203	52.613	93.336	0.05935	26.503	0
"2011-02-19	08:00:00"	3.5331	145.18	51.815	93.825	4.7144	26.515	0
"2011-02-19	09:00:00"	3.0056	131.6	51.685	94.071	51.522	26.512	0
"2011-02-19	10:00:00"	4.3384	161.29	52.151	94.091	126.77	26.521	0
"2011-02-19	11:00:00"	5.0611	144.21	52.994	94.036	163.95	26.524	0
"2011-02-19	12:00:00"	3.4082	130.01	54.909	89.566	230.03	26.503	0
"2011-02-19	13:00:00"	4.1539	90.224	61.992	69.873	736.58	26.456	0
"2011-02-19	14:00:00"	7.956	155.68	69.628	50.646	739.79	26.415	0
"2011-02-19	15:00:00"	10.514	159.61	70.377	50.079	683.06	26.373	0
"2011-02-19	16:00:00"	12.163	160.1	72.247	46.749	564.83	26.347	0
"2011-02-19	17:00:00"	11.41	193.55	75.01	35.683	392.12	26.335	0
"2011-02-19	18:00:00"	10.846	206.98	74.529	32.666	190.87	26.326	0
"2011-02-19	19:00:00"	6.4343	179.66	69.942	38.922	28.745	26.329	0
"2011-02-19	20:00:00"	10.291	155.57	64.057	61.13	0.08182	26.332	0
"2011-02-19	21:00:00"	14.372	160.26	59.667	78.103	0.05829	26.329	0
"2011-02-19	22:00:00"	15.959	162.97	57.116	85.819	0.08288	26.32	0
"2011-02-19	23:00:00"	11.944	168.38	56.195	87.6	0.06359	26.323	0
"2011-02-20	00:00:00"	10.987	181.28	56.591	87.96	0.08352	26.305	0
"2011-02-20	01:00:00"	9.4732	189.57	55.742	89.236	0.08773	26.296	0
"2011-02-20	02:00:00"	6.0658	206.67	53.789	91.2	0.07334	26.276	0
"2011-02-20	03:00:00"	6.1162	216.4	52.517	92.379	0.05829	26.258	0
"2011-02-20	04:00:00"	6.1752	227.54	52.938	92.07	0.05236	26.246	0
"2011-02-20	05:00:00"	3.6412	234.36	49.464	93.221	0.05575	26.243	0
"2011-02-20	06:00:00"	4.1669	233.51	48.887	94.108	0.04918	26.24	0.01
"2011-02-20	07:00:00"	4.0849	236.16	46.811	94.299	0.07313	26.243	0
"2011-02-20	08:00:00"	5.3885	231.12	47.154	94.588	23.152	26.246	0
"2011-02-20	09:00:00"	5.9409	227.62	48.264	94.501	213.92	26.264	0
"2011-02-20	10:00:00"	8.7259	221.05	54.759	75.303	330.63	26.279	0
"2011-02-20	11:00:00"	13.369	227.1	62.843	42.949	397.99	26.291	0
"2011-02-20	12:00:00"	18.969	230.27	69.018	27.239	622.43	26.276	0
"2011-02-20	13:00:00"	19.916	241.49	72.492	19.434	571.99	26.243	0
"2011-02-20	14:00:00"	24.493	246.16	75.994	14.299	816.4	26.199	0
"2011-02-20	15:00:00"	22.411	240.87	77.97	11.966	765.24	26.178	0
"2011-02-20	16:00:00"	18.426	260.48	77.298	11.865	497.44	26.175	0
"2011-02-20	17:00:00"	15.754	287.65	74.255	12.813	316.68	26.164	0
"2011-02-20	18:00:00"	10.407	288.26	72.523	12.67	144.33	26.167	0
"2011-02-20	19:00:00"	5.7837	303.51	67.75	14.747	14.599	26.172	0
"2011-02-20	20:00:00"	5.0064	310.82	63.155	17.193	0.0619	26.178	0
"2011-02-20	21:00:00"	3.3504	284.44	61.582	18.476	0.06932	26.187	0
"2011-02-20	22:00:00"	1.7777	222.97	59.65	19.098	0.06995	26.19	0
"2011-02-20	23:00:00"	3.7991	163.54	54.744	22.982	0.07165	26.205	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-21	00:00:00"	1.9337	119.71	55.649	22.61	0.0424	26.208	0
"2011-02-21	01:00:00"	4.3239	270.37	58.479	19.412	0.07716	26.214	0
"2011-02-21	02:00:00"	7.3856	289.66	57.737	20.063	0.07313	26.229	0
"2011-02-21	03:00:00"	7.7224	306.97	57.234	21.197	0.07886	26.243	0
"2011-02-21	04:00:00"	9.991	332.92	54.647	22.996	0.04494	26.258	0
"2011-02-21	05:00:00"	13.317	355.71	50.506	31.511	0.05533	26.282	0
"2011-02-21	06:00:00"	13.265	359.1	46.725	37.715	0.06423	26.299	0
"2011-02-21	07:00:00"	13.602	8.057	44.657	40.106	0.06487	26.32	0
"2011-02-21	08:00:00"	12.874	0.6104	43.226	40.124	31.002	26.341	0
"2011-02-21	09:00:00"	16.096	349.04	46.567	33.622	216.33	26.373	0
"2011-02-21	10:00:00"	20.273	343.67	49.282	26.379	386.39	26.385	0
"2011-02-21	11:00:00"	17.402	343.18	53.076	21.546	574.43	26.394	0
"2011-02-21	12:00:00"	14.414	333.17	57.495	17.501	744.93	26.388	0
"2011-02-21	13:00:00"	10.438	317.18	60.068	15.226	693.81	26.373	0
"2011-02-21	14:00:00"	8.7023	304.76	62.395	14.061	771.63	26.347	0
"2011-02-21	15:00:00"	9.0956	292.32	64.645	13.973	723.36	26.332	0
"2011-02-21	16:00:00"	8.5501	275.37	66.302	13.857	603.09	26.323	0
"2011-02-21	17:00:00"	8.6041	253.59	67.463	13.727	423.08	26.32	0
"2011-02-21	18:00:00"	4.851	249.07	66.233	14.109	141.89	26.329	0
"2011-02-21	19:00:00"	3.2989	191.37	64.063	14.943	46.005	26.338	0
"2011-02-21	20:00:00"	3.9532	109.16	60.582	16.891	0.06847	26.358	0
"2011-02-21	21:00:00"	5.3133	73.388	53.286	22.66	0.06105	26.367	0
"2011-02-21	22:00:00"	6.3485	78.129	50.31	23.95	0.05808	26.397	0
"2011-02-21	23:00:00"	11.389	96.397	47.921	34.849	0.07186	26.406	0
"2011-02-22	00:00:00"	10.197	91.915	44.756	41.155	0.06317	26.409	0
"2011-02-22	01:00:00"	9.9792	89.372	42.22	45.02	0.07229	26.406	0
"2011-02-22	02:00:00"	10.271	86.325	39.713	48.95	0.05808	26.391	0
"2011-02-22	03:00:00"	11.533	90.13	38.399	51.094	0.06275	26.388	0
"2011-02-22	04:00:00"	9.4554	86.354	36.957	52.744	0.08246	26.397	0
"2011-02-22	05:00:00"	6.0285	59.745	33.325	58.799	0.07949	26.397	0
"2011-02-22	06:00:00"	7.5118	71.085	33.949	57.502	0.06677	26.418	0
"2011-02-22	07:00:00"	10.544	86.917	37.717	49.848	0.07525	26.423	0
"2011-02-22	08:00:00"	9.0708	90.727	38.57	48.534	8.717	26.432	0
"2011-02-22	09:00:00"	7.4366	95.11	40.215	46.764	51.883	26.459	0
"2011-02-22	10:00:00"	6.9221	93.356	42.312	44.713	141.12	26.465	0
"2011-02-22	11:00:00"	7.1389	111.57	47.263	43.274	445.38	26.48	0
"2011-02-22	12:00:00"	6.2398	153.63	53.146	40.968	702.19	26.462	0
"2011-02-22	13:00:00"	8.1157	166.72	58.506	39.013	773.59	26.429	0
"2011-02-22	14:00:00"	8.0362	185.15	63.756	35.009	777.94	26.397	0
"2011-02-22	15:00:00"	6.5026	184.97	66.304	28.204	718.3	26.373	0
"2011-02-22	16:00:00"	6.9457	193.68	68.753	23.928	592.86	26.358	0
"2011-02-22	17:00:00"	6.6723	204.54	70.259	20.715	414.68	26.341	0
"2011-02-22	18:00:00"	7.0314	196.35	69.759	20.329	210.01	26.347	0
"2011-02-22	19:00:00"	4.9063	161.2	64.885	25.087	35.502	26.347	0
"2011-02-22	20:00:00"	5.6178	135.33	59.026	29.772	0.08606	26.356	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-22	21:00:00"	6.4635	133.43	55.747	49.444	0.07334	26.364	0
"2011-02-22	22:00:00"	5.5377	145.83	54.685	54.302	0.06296	26.373	0
"2011-02-22	23:00:00"	5.9645	133.52	53.77	56.457	0.04982	26.37	0
"2011-02-23	00:00:00"	5.9036	141.16	52.268	64.787	0.08543	26.367	0
"2011-02-23	01:00:00"	3.7737	187.38	50.245	77.627	0.05898	26.364	0
"2011-02-23	02:00:00"	3.5667	224.14	48.834	87.823	0.0778	26.361	0
"2011-02-23	03:00:00"	4.1073	238.67	48.453	92.364	0.0797	26.358	0
"2011-02-23	04:00:00"	5.8322	195.45	50.757	93.337	0.06593	26.347	0
"2011-02-23	05:00:00"	5.3084	200.73	52.002	91.668	0.07229	26.347	0
"2011-02-23	06:00:00"	4.8927	201.21	52.451	91.304	0.06296	26.35	0
"2011-02-23	07:00:00"	4.4018	239.25	52.298	90.287	0.0708	26.373	0
"2011-02-23	08:00:00"	1.8877	264.5	52.714	88.947	14.389	26.376	0
"2011-02-23	09:00:00"	4.2148	245.71	54.271	85.529	176.18	26.388	0
"2011-02-23	10:00:00"	5.2736	257.98	57.75	71.353	390.87	26.406	0
"2011-02-23	11:00:00"	7.6708	289.1	63.162	40.678	577.62	26.391	0
"2011-02-23	12:00:00"	10.025	280.03	68.798	21.431	714.85	26.388	0
"2011-02-23	13:00:00"	10.893	268.97	72.218	15.114	788.35	26.361	0
"2011-02-23	14:00:00"	10.282	248.04	73.581	13.874	794.51	26.329	0
"2011-02-23	15:00:00"	11.959	236.86	74.766	13.475	730.2	26.299	0
"2011-02-23	16:00:00"	14.518	225.57	75.102	13.61	599.46	26.285	0
"2011-02-23	17:00:00"	15.821	227.45	75.007	12.395	420.65	26.279	0
"2011-02-23	18:00:00"	13.24	230.37	73.999	13.212	212.63	26.273	0
"2011-02-23	19:00:00"	8.0965	266.51	70.083	11.438	38.66	26.276	0
"2011-02-23	20:00:00"	2.7862	315.61	64.606	13.699	0.05681	26.273	0
"2011-02-23	21:00:00"	1.6603	7.1776	60.52	15.834	0.07038	26.276	0
"2011-02-23	22:00:00"	2.9944	116.97	58.049	16.957	0.06953	26.282	0
"2011-02-23	23:00:00"	2.6116	129.1	56.354	17.771	0.0513	26.276	0
"2011-02-24	01:00:00"	2.6194	349.98	56.035	17.999	0.06864	26.267	0
"2011-02-24	02:00:00"	2.7409	227.14	54.337	19.594	0.06995	26.261	0
"2011-02-24	03:00:00"	3.0746	241.84	54.661	18.674	0.05533	26.264	0
"2011-02-24	04:00:00"	7.6174	280.78	55.202	18.434	0.07038	26.255	0
"2011-02-24	05:00:00"	12.013	288.06	55.058	18.906	0.0708	26.264	0
"2011-02-24	06:00:00"	10.2	287.21	53.236	20.428	0.08734	26.27	0
"2011-02-24	07:00:00"	7.9243	276.02	50.636	22.948	0.07843	26.282	0
"2011-02-24	08:00:00"	15.925	268.26	51.091	27.053	22.031	26.294	0
"2011-02-24	09:00:00"	20.124	259.57	53.816	26.877	188.72	26.338	0
"2011-02-24	10:00:00"	20.79	263.61	55.904	24.096	393.67	26.35	0
"2011-02-24	11:00:00"	19.392	273.41	57.589	21.963	581.75	26.367	0
"2011-02-24	12:00:00"	17.467	286.95	58.914	20.861	717.5	26.376	0
"2011-02-24	13:00:00"	15.211	297.98	60.963	18.588	790.37	26.361	0
"2011-02-24	14:00:00"	14.47	297.57	62.191	16.34	802.53	26.35	0
"2011-02-24	15:00:00"	16.305	287.41	63.597	14.371	743.87	26.341	0
"2011-02-24	16:00:00"	16.241	282.69	64.637	13.411	615.98	26.341	0
"2011-02-24	17:00:00"	14.297	265.53	65.287	13.231	436.43	26.341	0
"2011-02-24	18:00:00"	11.434	264.42	65.252	12.647	231.64	26.344	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-24	19:00:00"	9.9457	251.4	62.266	12.842	48.435	26.347	0
"2011-02-24	20:00:00"	9.0627	252.05	56.724	16.455	0.08119	26.379	0
"2011-02-24	21:00:00"	9.0639	255.62	54.601	19.489	0.08161	26.403	0
"2011-02-24	22:00:00"	5.4935	217.71	50.748	22.369	0.05787	26.42	0
"2011-02-24	23:00:00"	5.3208	234.7	46.508	25.406	0.07059	26.429	0
"2011-02-25	00:00:00"	3.1976	256.99	45.421	26.771	0.0903	26.438	0
"2011-02-25	01:00:00"	4.0315	300.14	44.684	27.915	0.08734	26.423	0
"2011-02-25	02:00:00"	2.8179	316.88	42.354	30.768	0.07292	26.423	0
"2011-02-25	03:00:00"	3.3914	348.75	41.269	32.052	0.10535	26.418	0
"2011-02-25	04:00:00"	2.3842	8.1727	40.108	33.353	0.08628	26.412	0
"2011-02-25	05:00:00"	2.4687	252.69	40.03	32.948	0.08755	26.409	0
"2011-02-25	06:00:00"	2.245	203.4	36.682	36.838	0.0761	26.418	0
"2011-02-25	07:00:00"	5.6594	88.678	33.602	43.184	0.07843	26.429	0
"2011-02-25	08:00:00"	8.1518	90.874	29.132	65.469	27.834	26.456	0
"2011-02-25	09:00:00"	10.063	90.017	32.218	71.392	193.45	26.471	0
"2011-02-25	10:00:00"	10.685	97.343	36.862	62.661	398.96	26.48	0
"2011-02-25	11:00:00"	9.8481	114.75	42.642	48.177	585.01	26.462	0
"2011-02-25	12:00:00"	10.592	166.08	51.138	32.899	722.29	26.447	0
"2011-02-25	13:00:00"	14.694	202	60.05	19.84	800.94	26.4	0
"2011-02-25	14:00:00"	18.43	215.42	67.168	14.56	808.64	26.353	0
"2011-02-25	15:00:00"	20.938	218.34	69.587	11.911	749.41	26.32	0
"2011-02-25	16:00:00"	19.798	220.48	71.403	10.991	623.77	26.299	0
"2011-02-25	17:00:00"	20.285	223.34	72.621	10.629	446.69	26.288	0
"2011-02-25	18:00:00"	19.298	222.83	72.105	10.574	239.06	26.285	0
"2011-02-25	19:00:00"	13.088	226.14	68.509	11.42	51.272	26.296	0
"2011-02-25	20:00:00"	5.8316	221.75	60.244	14.143	0.06593	26.311	0
"2011-02-25	21:00:00"	2.3084	185.03	54.466	16.977	0.05787	26.323	0
"2011-02-25	22:00:00"	4.7317	244.42	53.258	17.613	0.06359	26.326	0
"2011-02-25	23:00:00"	5.4016	255.32	48.783	19.927	0.05363	26.329	0
"2011-02-26	00:00:00"	4.2427	237.75	46.141	21.155	0.07822	26.317	0
"2011-02-26	01:00:00"	4.3695	266.13	47.599	19.505	0.08416	26.32	0
"2011-02-26	02:00:00"	4.1831	297.2	48.145	19.39	0.06317	26.317	0
"2011-02-26	03:00:00"	3.8525	300.8	47.297	20.027	0.08373	26.299	0
"2011-02-26	04:00:00"	4.0178	295.05	46.965	20.157	0.07313	26.279	0
"2011-02-26	05:00:00"	4.106	223.25	44.435	21.257	0.07356	26.279	0
"2011-02-26	06:00:00"	2.0717	194.52	40.838	23.745	0.06953	26.288	0
"2011-02-26	07:00:00"	3.604	178.32	41.065	23.673	0.06974	26.288	0
"2011-02-26	08:00:00"	3.4983	185.5	40.306	27.234	30.268	26.302	0
"2011-02-26	09:00:00"	6.013	193.13	47.88	21.729	198.55	26.323	0
"2011-02-26	10:00:00"	7.9827	229.02	56.9	14.99	408.32	26.341	0
"2011-02-26	11:00:00"	9.5144	230.18	64.039	12.052	595.43	26.341	0
"2011-02-26	12:00:00"	9.3734	228.32	69.127	9.5811	737.41	26.329	0
"2011-02-26	13:00:00"	15.523	230.24	71.998	8.8764	814.3	26.291	0
"2011-02-26	14:00:00"	14.974	241.04	74.341	7.6578	823.74	26.267	0
"2011-02-26	15:00:00"	17.787	243.78	75.919	7.4925	749.76	26.226	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-26	16:00:00"	19.158	238.7	77.227	6.7678	650.25	26.208	0
"2011-02-26	17:00:00"	16.676	243.5	76.958	6.8456	427.31	26.196	0
"2011-02-26	18:00:00"	13.7	236.22	75.577	7.1786	194.11	26.19	0
"2011-02-26	19:00:00"	5.844	238.77	69.796	8.4908	19.53	26.187	0
"2011-02-26	20:00:00"	1.4708	116.03	64.099	10.417	0.06084	26.19	0
"2011-02-26	21:00:00"	1.6678	262.9	64.073	10.207	0.0566	26.196	0
"2011-02-26	22:00:00"	3.2405	59.124	60.216	11.155	0.06699	26.196	0
"2011-02-26	23:00:00"	5.2798	97.989	58.985	11.611	0.07038	26.187	0
"2011-02-27	00:00:00"	5.3742	103.13	57.309	25.586	0.0708	26.175	0
"2011-02-27	01:00:00"	4.1021	127.01	58.422	49.06	0.05644	26.161	0
"2011-02-27	02:00:00"	4.7361	141.24	56.394	63.218	0.07843	26.134	0
"2011-02-27	03:00:00"	3.1976	133.08	55.663	71.294	0.08352	26.113	0
"2011-02-27	04:00:00"	3.8009	256.17	54.691	75.376	0.07674	26.119	0
"2011-02-27	05:00:00"	2.9304	267.82	52.375	73.756	0.06826	26.107	0
"2011-02-27	06:00:00"	3.6102	205.86	49.793	80.96	0.039	26.11	0
"2011-02-27	07:00:00"	3.9538	194.45	47.207	88.214	0.07483	26.119	0
"2011-02-27	08:00:00"	4.1526	182	45.584	86.015	15.636	26.11	0
"2011-02-27	09:00:00"	3.7015	219.03	47.094	67.728	154.49	26.134	0
"2011-02-27	10:00:00"	9.136	188.51	58.062	34.3	414.86	26.125	0
"2011-02-27	11:00:00"	15.047	197.68	67.858	11.802	603.69	26.113	0
"2011-02-27	12:00:00"	21.874	214.36	71.824	9.5775	741.25	26.105	0
"2011-02-27	13:00:00"	27.388	231.16	74.426	7.2664	801.73	26.075	0
"2011-02-27	14:00:00"	27.838	244.98	74.785	5.6528	808.87	26.066	0
"2011-02-27	15:00:00"	23.308	259.89	73.239	5.7761	719.84	26.072	0
"2011-02-27	16:00:00"	24.026	274.33	68.814	12.936	507.24	26.09	0
"2011-02-27	17:00:00"	24.672	279.89	63.514	20.233	349.92	26.125	0
"2011-02-27	18:00:00"	24.598	285.15	59.431	22.77	186.06	26.169	0
"2011-02-27	19:00:00"	25.348	285	54.975	25.232	34.816	26.217	0
"2011-02-27	20:00:00"	20.873	278.79	51.142	26.905	0.08437	26.246	0
"2011-02-27	21:00:00"	17.748	273.71	48.977	27.123	0.07462	26.282	0
"2011-02-27	22:00:00"	14.463	272.66	48.342	24.691	0.08161	26.335	0
"2011-02-27	23:00:00"	13.581	282.74	47.247	21.092	0.08479	26.356	0
"2011-02-28	00:00:00"	17.772	293.73	46.029	19.038	0.05596	26.373	0
"2011-02-28	01:00:00"	14.419	287.5	44.529	19.674	0.05978	26.394	0
"2011-02-28	02:00:00"	10.332	268.5	42.514	21.175	0.07843	26.423	0
"2011-02-28	03:00:00"	10.503	281.24	40.954	22.233	0.06041	26.429	0
"2011-02-28	04:00:00"	12.732	302.56	39.487	24.036	0.07695	26.441	0
"2011-02-28	05:00:00"	12.954	312.4	38.133	25.51	0.08288	26.48	0
"2011-02-28	06:00:00"	10.262	330.57	37.733	28.217	0.08903	26.521	0
"2011-02-28	07:00:00"	11.16	348.11	39.789	29.958	0.0956	26.562	0
"2011-02-28	08:00:00"	10.727	5.3794	36.775	41.154	32.382	26.595	0
"2011-02-28	09:00:00"	14.293	7.1359	38.906	47.919	203.21	26.636	0
"2011-02-28	10:00:00"	14.267	16.825	43.271	41.011	413.94	26.666	0
"2011-02-28	11:00:00"	13.228	37.269	48.174	33.228	602.04	26.686	0
"2011-02-28	12:00:00"	10.318	62.816	52.228	28.166	740.35	26.704	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-02-28	13:00:00"	7.3856	80.455	55.052	24.513	815.59	26.701	0
"2011-02-28	14:00:00"	5.4271	94.269	57.311	21.891	823.44	26.677	0
"2011-02-28	15:00:00"	4.9244	76.72	59.779	19.575	763.2	26.651	0
"2011-02-28	16:00:00"	5.2226	120.67	61.708	17.368	634.7	26.648	0
"2011-02-28	17:00:00"	5.8732	157.54	62.777	16.183	453.41	26.651	0
"2011-02-28	18:00:00"	4.2962	136.46	62.556	15.869	242.59	26.657	0
"2011-02-28	19:00:00"	4.5441	115.76	59.188	17.643	52.114	26.654	0
"2011-02-28	20:00:00"	5.68	120.8	52.86	21.378	0.0831	26.66	0
"2011-02-28	21:00:00"	5.2413	150.96	47.816	24.953	0.06211	26.68	0
"2011-02-28	22:00:00"	5.0623	157.83	45.112	27.381	0.09327	26.689	0
"2011-02-28	23:00:00"	5.1505	154.18	43.344	29.323	0.07101	26.689	0
"2011-03-01	00:00:00"	5.6458	143.8	43.844	30.005	0.0725	26.677	0
"2011-03-01	01:00:00"	3.484	200.5	42.628	31.403	0.07674	26.669	0
"2011-03-01	02:00:00"	3.1895	189.95	42.176	32.44	0.06847	26.663	0
"2011-03-01	03:00:00"	2.46	172.7	38.527	38.479	0.08076	26.648	0
"2011-03-01	04:00:00"	2.3115	235.19	39.03	40.397	0.09052	26.639	0
"2011-03-01	05:00:00"	3.1168	244.25	40.155	40.636	0.08649	26.636	0
"2011-03-01	06:00:00"	1.8828	214.42	39.769	43.154	0.0867	26.642	0
"2011-03-01	07:00:00"	2.3432	192.99	38.498	47.521	0.07398	26.654	0
"2011-03-01	08:00:00"	2.6763	176.14	37.612	49.537	37.932	26.651	0
"2011-03-01	09:00:00"	6.4268	193.43	44.391	39.766	207.29	26.672	0
"2011-03-01	10:00:00"	13.117	193.6	52.514	32.851	413.84	26.672	0
"2011-03-01	11:00:00"	15.125	191.57	58.282	26.197	595.02	26.66	0
"2011-03-01	12:00:00"	15.32	192.79	62.431	20.809	728.83	26.645	0
"2011-03-01	13:00:00"	13.545	187.77	65.499	17.001	822.51	26.607	0
"2011-03-01	14:00:00"	12.44	194.31	68.395	13.732	829.09	26.568	0
"2011-03-01	15:00:00"	11.902	193.92	70.594	12.261	742.72	26.545	0
"2011-03-01	16:00:00"	11.843	205.64	71.622	12.054	647.42	26.53	0
"2011-03-01	17:00:00"	11.753	203.86	72.145	11.512	459.04	26.518	0
"2011-03-01	18:00:00"	10.63	200.66	70.993	12.264	178.32	26.515	0
"2011-03-01	19:00:00"	5.6445	173.78	66.367	14.39	29.898	26.515	0
"2011-03-01	20:00:00"	5.4656	129.95	61.502	17.914	0.11404	26.524	0
"2011-03-01	21:00:00"	7.2446	142.81	59.843	19.807	0.07928	26.53	0
"2011-03-01	22:00:00"	7.6975	146.51	58.276	23.285	0.06847	26.53	0
"2011-03-01	23:00:00"	8.3177	146.35	56.536	26.524	0.06762	26.521	0
"2011-03-02	00:00:00"	7.513	163.85	53.719	29.649	0.06105	26.509	0
"2011-03-02	01:00:00"	4.6031	208.16	49.242	34.641	0.06932	26.5	0
"2011-03-02	02:00:00"	4.0992	222.47	46.613	38.714	0.07229	26.494	0
"2011-03-02	03:00:00"	4.1526	248.35	47.064	38.755	0.06465	26.491	0
"2011-03-02	04:00:00"	2.8894	251.61	45.174	41.58	0.08437	26.477	0
"2011-03-02	05:00:00"	3.5872	243.99	45.1	42.05	0.0672	26.477	0
"2011-03-02	06:00:00"	3.8326	241.4	41.665	46.716	0.08034	26.48	0
"2011-03-02	07:00:00"	4.0625	271.52	42.132	46.207	0.06953	26.5	0
"2011-03-02	08:00:00"	3.7668	242.08	40.447	48.429	37.639	26.506	0
"2011-03-02	09:00:00"	4.047	262.91	45.465	40.777	209.76	26.539	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-02	10:00:00"	4.2943	296.99	55.887	27.733	411.83	26.553	0
"2011-03-02	11:00:00"	4.7759	304.59	66.424	14.731	597	26.553	0
"2011-03-02	12:00:00"	5.8446	35.992	71.478	10.237	741.34	26.542	0
"2011-03-02	13:00:00"	4.9287	60.105	74.385	8.6561	817.1	26.518	0
"2011-03-02	14:00:00"	4.6124	111.91	76.479	7.4972	824.82	26.488	0
"2011-03-02	15:00:00"	5.2748	43.961	77.991	7.0486	761.83	26.468	0
"2011-03-02	16:00:00"	5.6116	283.29	79.606	6.5908	634.06	26.45	0
"2011-03-02	17:00:00"	3.8475	250.3	80.172	6.3595	456.47	26.441	0
"2011-03-02	18:00:00"	5.5588	194.71	80.1	6.5111	247.85	26.42	0
"2011-03-02	19:00:00"	4.0905	223	77.121	7.9369	58.513	26.42	0
"2011-03-02	20:00:00"	2.4097	120.72	70.359	9.7342	0.09242	26.423	0
"2011-03-02	21:00:00"	1.8517	143.48	65.169	11.694	0.06571	26.435	0
"2011-03-02	22:00:00"	2.6017	234.16	63.538	12.839	0.08967	26.444	0
"2011-03-02	23:00:00"	3.5058	175.1	57.011	15.886	0.085	26.435	0
"2011-03-03	00:00:00"	6.6244	169.06	54.544	22.121	0.06932	26.432	0
"2011-03-03	01:00:00"	6.8842	178.61	53.109	30.864	0.07695	26.423	0
"2011-03-03	02:00:00"	3.878	221	49.994	38.596	0.07165	26.418	0
"2011-03-03	03:00:00"	4.9138	237.46	48.54	42.745	0.06593	26.403	0
"2011-03-03	04:00:00"	4.5074	241.44	46.707	46.397	0.06317	26.394	0
"2011-03-03	05:00:00"	4.7728	252.71	46.393	48.216	0.08225	26.397	0
"2011-03-03	06:00:00"	4.8075	254.36	45.651	50.146	0.07674	26.4	0
"2011-03-03	07:00:00"	4.536	253.52	45.316	51.758	0.09645	26.412	0
"2011-03-03	08:00:00"	4.1203	270.4	46.565	50.716	33.826	26.423	0
"2011-03-03	09:00:00"	4.4571	260.07	52.009	41.097	226.94	26.447	0
"2011-03-03	10:00:00"	4.4484	278.21	60.499	22.193	217.09	26.453	0
"2011-03-03	11:00:00"	4.7491	278.71	66.411	17.363	603.66	26.453	0
"2011-03-03	12:00:00"	6.4567	292.83	72.973	14.503	488.84	26.441	0
"2011-03-03	13:00:00"	4.6162	272.19	75.916	13.533	659.71	26.418	0
"2011-03-03	14:00:00"	8.2885	232.05	77.206	13.559	659.86	26.388	0
"2011-03-03	15:00:00"	10.019	247.3	77.093	13.747	499.4	26.361	0
"2011-03-03	16:00:00"	11.112	254.07	79.068	13.127	598.75	26.344	0
"2011-03-03	17:00:00"	12.13	260.05	79.292	13.323	376.17	26.329	0
"2011-03-03	18:00:00"	9.3435	267.55	78.491	13.347	164.45	26.326	0
"2011-03-03	19:00:00"	3.4921	303.17	75.596	14.342	36.77	26.32	0
"2011-03-03	20:00:00"	2.0928	12.339	71.269	16.662	0.09687	26.323	0
"2011-03-03	21:00:00"	2.5402	120.44	68.521	17.96	0.07038	26.323	0
"2011-03-03	22:00:00"	3.2796	152.28	64.617	20.397	0.07674	26.32	0
"2011-03-03	23:00:00"	1.8797	197.19	61.24	22.528	0.05935	26.317	0
"2011-03-04	00:00:00"	2.391	249.75	61.897	21.968	0.06953	26.317	0
"2011-03-04	01:00:00"	3.348	251.8	61.604	20.641	0.06063	26.302	0
"2011-03-04	02:00:00"	4.4329	266.8	59.143	21.075	0.07886	26.302	0
"2011-03-04	03:00:00"	5.9527	261.4	58.845	20.776	0.06444	26.296	0
"2011-03-04	04:00:00"	4.2626	227.78	56.165	22.089	0.0672	26.282	0
"2011-03-04	05:00:00"	4.6758	249.72	56.32	20.128	0.07229	26.294	0
"2011-03-04	06:00:00"	6.5952	283.44	56.163	19.176	0.06402	26.323	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-04	07:00:00"	7.5142	317.63	55.004	20.481	0.08988	26.341	0
"2011-03-04	08:00:00"	6.2988	328.09	53.223	23.973	18.226	26.361	0
"2011-03-04	09:00:00"	10.099	334.13	56.779	23.254	130.29	26.388	0
"2011-03-04	10:00:00"	16.011	344.19	63.769	19.125	323.61	26.4	0
"2011-03-04	11:00:00"	17.348	352.36	68.485	15.803	617.8	26.406	0
"2011-03-04	12:00:00"	16.851	356.39	68.466	16.042	760.87	26.403	0
"2011-03-04	13:00:00"	12.885	359.91	68.776	16.784	801.05	26.394	0
"2011-03-04	14:00:00"	11.128	1.6844	69.895	16.756	824.56	26.376	0
"2011-03-04	15:00:00"	9.6747	329.62	71.024	14.554	754.57	26.367	0
"2011-03-04	16:00:00"	7.9281	321.45	72.051	13.168	631.21	26.356	0
"2011-03-04	17:00:00"	6.704	320.74	72.249	12.184	450.08	26.356	0
"2011-03-04	18:00:00"	7.3813	338.95	71.417	12.119	242.4	26.367	0
"2011-03-04	19:00:00"	6.9879	12.341	66.945	13.912	54.23	26.376	0
"2011-03-04	20:00:00"	6.1565	13.745	57.412	18.571	0.13016	26.403	0
"2011-03-04	21:00:00"	6.4511	20.143	53.885	24.551	0.05639	26.435	0
"2011-03-04	22:00:00"	9.5499	11.232	55.417	29.848	0.06847	26.512	0
"2011-03-04	23:00:00"	16.756	25.147	57.846	34.899	0.06084	26.556	0
"2011-03-05	00:00:00"	11.46	40.748	55.877	39.739	0.06911	26.559	0
"2011-03-05	01:00:00"	18.332	38.932	50.533	55.328	0.05957	26.618	0
"2011-03-05	02:00:00"	22.658	35.126	42.395	73.418	0.06762	26.639	0
"2011-03-05	03:00:00"	14.492	12.637	41.198	73.655	0.06974	26.683	0
"2011-03-05	04:00:00"	12.649	13.544	39.951	75.776	0.07716	26.677	0
"2011-03-05	05:00:00"	15.368	2.1199	38.823	77.237	0.07568	26.701	0
"2011-03-05	06:00:00"	11.896	15.09	37.196	78.936	0.07207	26.701	0
"2011-03-05	07:00:00"	8.5699	12.047	35.916	80.197	0.10472	26.725	0
"2011-03-05	08:00:00"	9.2764	8.1898	35.594	76.67	42.364	26.766	0
"2011-03-05	09:00:00"	12.34	13.247	37.87	66.306	219.57	26.784	0
"2011-03-05	10:00:00"	12.916	15.727	40.991	54.221	437.04	26.804	0
"2011-03-05	11:00:00"	12.352	27.534	45.463	42.042	630.24	26.801	0
"2011-03-05	12:00:00"	13.242	43.004	49.19	32.872	771.21	26.793	0
"2011-03-05	13:00:00"	12.783	34.432	52.427	25.87	847.91	26.769	0
"2011-03-05	14:00:00"	11.103	30.873	54.216	21.183	855.35	26.731	0
"2011-03-05	15:00:00"	8.1362	39.828	55.811	19.675	790.19	26.713	0
"2011-03-05	16:00:00"	6.3262	44.275	56.584	18.701	659.3	26.689	0
"2011-03-05	17:00:00"	5.8633	49.244	57.059	17.256	479.86	26.669	0
"2011-03-05	18:00:00"	4.6814	65.225	56.697	17.573	262.83	26.66	0
"2011-03-05	19:00:00"	5.4929	94.564	53.728	20.785	62.815	26.657	0
"2011-03-05	20:00:00"	4.9766	93.53	46.834	25.485	0.1009	26.654	0
"2011-03-05	21:00:00"	5.2313	84.338	42.503	28.872	0.06423	26.657	0
"2011-03-05	22:00:00"	6.2311	96.202	41.235	31.379	0.07822	26.663	0
"2011-03-05	23:00:00"	7.2682	111.58	41.519	32.161	0.07462	26.648	0
"2011-03-06	00:00:00"	7.2738	126.7	40.37	33.445	0.0744	26.63	0
"2011-03-06	01:00:00"	6.727	147.55	39.076	34.932	0.07716	26.621	0
"2011-03-06	02:00:00"	4.769	189.62	37.08	36.917	0.07462	26.604	0
"2011-03-06	03:00:00"	2.9913	229.64	35.175	38.748	0.07017	26.583	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-06	04:00:00"	2.7415	193.88	34.614	39.275	0.07674	26.568	0
"2011-03-06	05:00:00"	3.3094	187.09	32.712	41.727	0.07229	26.553	0
"2011-03-06	06:00:00"	3.6866	187.06	31.816	43.894	0.08437	26.542	0
"2011-03-06	07:00:00"	4.5752	176.88	30.508	47.688	0.09624	26.521	0
"2011-03-06	08:00:00"	8.1319	174.24	32.756	47.655	53.552	26.533	0
"2011-03-06	09:00:00"	11.619	182.93	40.928	38.539	224.69	26.545	0
"2011-03-06	10:00:00"	16.785	189.12	47.579	31.237	445.69	26.521	0
"2011-03-06	11:00:00"	15.306	190.53	51.564	26.981	620.87	26.503	0
"2011-03-06	12:00:00"	13.54	192.16	55.855	23.269	746.13	26.488	0
"2011-03-06	13:00:00"	11.626	196.95	59.658	20.457	805.61	26.45	0
"2011-03-06	14:00:00"	13.3	204.15	62.753	18.553	791.07	26.397	0
"2011-03-06	15:00:00"	13.898	208.77	63.779	17.776	655.47	26.358	0
"2011-03-06	16:00:00"	13.774	204.91	64.296	17.1	482.66	26.332	0
"2011-03-06	17:00:00"	13.077	199.56	65.138	16.233	307.44	26.296	0
"2011-03-06	18:00:00"	12.212	200.74	65.654	15.855	210.98	26.288	0
"2011-03-06	19:00:00"	8.7321	195.5	63.338	16.938	33.219	26.267	0
"2011-03-06	20:00:00"	5.775	178.93	57.968	20.282	0.08331	26.258	0
"2011-03-06	21:00:00"	9.868	171.67	57.661	23.618	0.08352	26.258	0
"2011-03-06	22:00:00"	12.346	168.95	55.559	26.974	0.07801	26.252	0
"2011-03-06	23:00:00"	12.775	178.25	53.403	29.054	0.08564	26.229	0
"2011-03-07	00:00:00"	10.728	191.48	51.725	31.144	0.07123	26.214	0
"2011-03-07	01:00:00"	10.916	195.1	50.614	33.045	0.06762	26.205	0
"2011-03-07	02:00:00"	5.9676	207.74	47.546	36.953	0.06995	26.19	0
"2011-03-07	03:00:00"	7.5279	206.84	45.937	39.336	0.06253	26.175	0
"2011-03-07	04:00:00"	5.4911	219.71	43.869	42.063	0.06805	26.164	0
"2011-03-07	05:00:00"	4.9529	224.93	40.5	46.839	0.08119	26.161	0
"2011-03-07	06:00:00"	5.1244	238.36	39.161	48.84	0.08055	26.164	0
"2011-03-07	07:00:00"	4.0619	243.87	39.863	48.128	0.08246	26.172	0
"2011-03-07	08:00:00"	4.1042	239.75	40.207	47.081	49.263	26.19	0
"2011-03-07	09:00:00"	5.5687	239.66	44.414	41.159	142.19	26.205	0
"2011-03-07	10:00:00"	7.0414	229.45	51.121	31.406	254.34	26.211	0
"2011-03-07	11:00:00"	8.3431	242.42	61.172	21.696	573.95	26.208	0
"2011-03-07	12:00:00"	11.203	245.82	70.084	16.698	587.47	26.193	0
"2011-03-07	13:00:00"	15.93	269.9	73.533	16.088	649.24	26.169	0
"2011-03-07	14:00:00"	18.037	252.74	74.862	14.509	811.73	26.119	0
"2011-03-07	15:00:00"	16.354	235.64	76.34	13.069	793.86	26.087	0
"2011-03-07	16:00:00"	16.824	233.37	78.182	11.154	643.62	26.051	0
"2011-03-07	17:00:00"	21.457	242.29	79.143	9.8553	331.83	26.022	0
"2011-03-07	18:00:00"	17.863	241.41	78.151	9.588	103.79	26.007	0
"2011-03-07	19:00:00"	17.5	241.08	77.782	10.007	36.103	26.031	0
"2011-03-07	20:00:00"	21.778	260.91	75.773	10.693	0.1645	26.054	0
"2011-03-07	21:00:00"	19.441	260.83	73.608	10.984	0.08479	26.078	0
"2011-03-07	22:00:00"	18.778	268.54	72.757	11.944	0.07546	26.11	0
"2011-03-07	23:00:00"	15.556	267.9	69.616	13.506	0.07992	26.134	0
"2011-03-08	00:00:00"	9.0074	276.61	64.515	15.201	0.05066	26.14	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-08	01:00:00"	4.8234	282.96	58.215	17.972	0.08033	26.152	0
"2011-03-08	02:00:00"	9.7748	11.2	49.566	34.178	0.06423	26.146	0
"2011-03-08	03:00:00"	5.1505	18.888	43.079	45.783	0.05236	26.149	0
"2011-03-08	04:00:00"	3.7264	9.1074	38.308	53.381	0.0797	26.143	0
"2011-03-08	05:00:00"	2.7657	354.7	36.279	57.77	0.06275	26.155	0
"2011-03-08	06:00:00"	2.6452	92.258	35.662	59.555	0.07886	26.164	0
"2011-03-08	07:00:00"	2.9602	193.58	33.207	61.167	0.07801	26.184	0
"2011-03-08	08:00:00"	3.5468	214.19	33.507	58.248	48.673	26.205	0
"2011-03-08	09:00:00"	11.531	231.93	49.888	32.344	210.43	26.24	0
"2011-03-08	10:00:00"	17.231	250.48	59.036	20.583	347.65	26.258	0
"2011-03-08	11:00:00"	17.771	270.34	60.916	18.782	547.17	26.276	0
"2011-03-08	12:00:00"	17.938	279.97	62.372	17.54	659.56	26.267	0
"2011-03-08	13:00:00"	16.226	301	64.338	16.692	842.64	26.246	0
"2011-03-08	14:00:00"	14.71	301.27	65.736	16.352	848.46	26.246	0
"2011-03-08	15:00:00"	14.729	295.59	66.684	16.025	797.81	26.246	0
"2011-03-08	16:00:00"	14.454	281.92	67.972	14.865	653.81	26.246	0
"2011-03-08	17:00:00"	14.556	291.45	68.521	12.38	472.8	26.267	0
"2011-03-08	18:00:00"	14.4	311.31	67.054	12.17	262.29	26.294	0
"2011-03-08	19:00:00"	10.567	325.66	63.995	12.394	64.454	26.317	0
"2011-03-08	20:00:00"	6.4001	346.93	56.386	15.67	0.20223	26.347	0
"2011-03-08	21:00:00"	6.8562	349.92	51.759	18.898	0.06381	26.37	0
"2011-03-08	22:00:00"	10.129	338.29	54.414	18.982	0.06253	26.406	0
"2011-03-08	23:00:00"	9.1839	348.46	51.292	22.507	0.07652	26.432	0
"2011-03-09	00:00:00"	9.8214	15.371	47.029	31.039	0.07758	26.456	0
"2011-03-09	01:00:00"	10.707	34.197	43.556	49.399	0.06722	26.477	0
"2011-03-09	02:00:00"	9.3765	32.558	39.811	60.763	0.08543	26.497	0
"2011-03-09	03:00:00"	8.4699	26.971	36.352	66.931	0.05427	26.512	0
"2011-03-09	04:00:00"	8.2624	18.314	33.299	69.546	0.06487	26.53	0
"2011-03-09	05:00:00"	7.9368	13.79	31.52	71.067	0.07525	26.545	0
"2011-03-09	06:00:00"	6.8264	12.621	29.784	73.434	0.08076	26.568	0
"2011-03-09	07:00:00"	7.3869	17.175	28.794	75.233	0.12846	26.604	0
"2011-03-09	08:00:00"	5.4302	6.8784	29.165	74.868	50.112	26.648	0
"2011-03-09	09:00:00"	6.1895	7.1358	36.289	59.767	238.08	26.677	0
"2011-03-09	10:00:00"	8.2829	48.066	42.925	46.362	454.86	26.698	0
"2011-03-09	11:00:00"	3.9445	348.84	47.707	38.91	642.25	26.704	0
"2011-03-09	12:00:00"	6.4647	318.58	52.877	31.534	775.22	26.701	0
"2011-03-09	13:00:00"	6.9997	313.39	56.237	26.212	851.91	26.689	0
"2011-03-09	14:00:00"	7.0849	344.37	60.099	21.323	858.48	26.669	0
"2011-03-09	15:00:00"	7.3514	352.13	63.808	16.899	788.73	26.66	0
"2011-03-09	16:00:00"	7.1253	336.53	66.432	13.169	580.64	26.704	0
"2011-03-09	17:00:00"	7.91	331.22	66.587	12.231	484.74	26.704	0
"2011-03-09	18:00:00"	6.9469	1.9056	66.072	12.457	263.75	26.719	0
"2011-03-09	19:00:00"	5.908	58.802	62.51	17.629	65.577	26.734	0
"2011-03-09	20:00:00"	4.5068	69.428	55.3	22.418	0.26625	26.754	0
"2011-03-09	21:00:00"	5.1338	90.456	49.809	28.149	0.04282	26.769	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-09	22:00:00"	4.7286	92	47.362	30.57	0.06699	26.781	0
"2011-03-09	23:00:00"	4.088	89.571	45.411	31.155	0.08119	26.787	0
"2011-03-10	00:00:00"	3.8755	87.262	43.189	33.236	0.09052	26.793	0
"2011-03-10	01:00:00"	4.5472	97.478	43.461	32.686	0.09242	26.801	0
"2011-03-10	02:00:00"	4.9635	104.08	44.01	30.804	0.07907	26.813	0
"2011-03-10	03:00:00"	2.716	101.68	41.175	34.458	0.07674	26.81	0
"2011-03-10	04:00:00"	3.4387	74.966	39.271	37.625	0.08055	26.819	0
"2011-03-10	05:00:00"	3.5468	81.19	38.487	40.1	0.09581	26.825	0
"2011-03-10	06:00:00"	4.751	112.94	38.735	41.759	0.06847	26.828	0
"2011-03-10	07:00:00"	4.6746	97.541	37.79	43.002	0.17764	26.831	0
"2011-03-10	08:00:00"	4.8281	93.535	37.097	44.378	64.519	26.84	0
"2011-03-10	09:00:00"	7.646	119.39	44.876	34.569	273.1	26.852	0
"2011-03-10	10:00:00"	10.517	160.08	51.934	27.702	497.5	26.846	0
"2011-03-10	11:00:00"	12.81	177.81	57.399	24.04	682.49	26.834	0
"2011-03-10	12:00:00"	12.095	178.4	62.169	21.978	806.23	26.819	0
"2011-03-10	13:00:00"	12.138	189.94	65.559	18.746	878.95	26.793	0
"2011-03-10	14:00:00"	11.991	190.95	67.493	16.613	832.55	26.751	0
"2011-03-10	15:00:00"	5.3544	253.3	75.036	12.965	399.53	26.672	0.1
"2011-03-10	16:00:00"	11.749	204.03	70.861	13.703	661.68	26.651	0
"2011-03-10	17:00:00"	12.202	198.96	71.765	13.314	491.13	26.627	0
"2011-03-10	18:00:00"	11.08	192.32	71.377	13.084	270.57	26.612	0
"2011-03-10	19:00:00"	7.8144	174.86	67.531	15.013	45.399	26.607	0
"2011-03-10	20:00:00"	6.0901	152.61	59.858	19.027	0.20138	26.601	0
"2011-03-10	21:00:00"	7.3688	159.77	56.474	21.258	0.06847	26.601	0
"2011-03-10	22:00:00"	7.3788	157.93	53.819	24.452	0.06847	26.601	0
"2011-03-10	23:00:00"	6.8904	165.43	51.351	27.646	0.06635	26.589	0
"2011-03-11	00:00:00"	9.8742	176.32	53.342	28.548	0.08267	26.577	0
"2011-03-11	01:00:00"	10.117	185.34	52.379	29.658	0.05808	26.565	0
"2011-03-11	02:00:00"	7.846	190.33	49.566	31.876	0.08331	26.556	0
"2011-03-11	03:00:00"	5.8906	200.6	46.983	33.577	0.09094	26.539	0
"2011-03-11	04:00:00"	3.9998	213.6	43.893	36.309	0.07525	26.518	0
"2011-03-11	05:00:00"	4.1371	221.18	42.197	37.738	0.06338	26.509	0
"2011-03-11	06:00:00"	4.3645	227.09	41.574	38.077	0.07949	26.5	0
"2011-03-11	07:00:00"	4.9213	229.1	40.133	39.326	0.18061	26.503	0
"2011-03-11	08:00:00"	4.4155	234.2	40.339	39.513	65.603	26.512	0
"2011-03-11	09:00:00"	9.2497	214.21	49.17	28.499	254.34	26.527	0
"2011-03-11	10:00:00"	10.805	210.25	56.566	22.198	487.59	26.53	0
"2011-03-11	11:00:00"	10.893	208.85	62.789	18.096	644.89	26.521	0
"2011-03-11	12:00:00"	12.123	214.28	67.861	15.452	757.38	26.503	0
"2011-03-11	13:00:00"	12.921	221.28	72.221	13.609	812	26.48	0
"2011-03-11	14:00:00"	12.186	222	75.165	12.175	776.97	26.447	0
"2011-03-11	15:00:00"	10.861	214.16	79.369	9.9225	814.1	26.412	0
"2011-03-11	16:00:00"	9.6561	219.26	82.272	8.047	677.14	26.388	0
"2011-03-11	17:00:00"	12.435	235.79	83.208	7.3078	488.96	26.373	0
"2011-03-11	18:00:00"	10.122	223.39	82.701	7.4644	266.8	26.373	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-11	19:00:00"	7.4067	211.65	78.93	8.5472	69.745	26.382	0
"2011-03-11	20:00:00"	4.2365	210.71	72.514	9.8106	0.32475	26.394	0
"2011-03-11	21:00:00"	4.5789	183.03	66.833	12.576	0.06635	26.418	0
"2011-03-11	22:00:00"	7.2856	197.67	64.143	18.028	0.06211	26.418	0
"2011-03-11	23:00:00"	6.3082	195.75	58.773	23.137	0.07271	26.418	0
"2011-03-12	00:00:00"	5.6725	215.73	55.449	27.124	0.07631	26.409	0
"2011-03-12	01:00:00"	5.7309	225	53.04	29.538	0.06826	26.397	0
"2011-03-12	02:00:00"	5.5116	229.25	51.303	31.584	0.07462	26.4	0
"2011-03-12	03:00:00"	4.9132	230.93	50.851	33.317	0.09158	26.394	0
"2011-03-12	04:00:00"	5.6352	239.4	48.983	35.861	0.07334	26.379	0
"2011-03-12	05:00:00"	4.449	235.44	47.931	38.37	0.06359	26.388	0
"2011-03-12	06:00:00"	5.1456	245.25	46.784	40.245	0.06275	26.382	0
"2011-03-12	07:00:00"	5.363	242.18	45.286	46.283	0.24802	26.391	0
"2011-03-12	08:00:00"	5.0623	257.31	45.723	46.328	64.182	26.42	0
"2011-03-12	09:00:00"	6.6058	249.94	52.1	40.696	280.24	26.441	0
"2011-03-12	10:00:00"	7.5223	245.72	62.102	25.311	486.58	26.456	0
"2011-03-12	11:00:00"	7.6205	305.7	70.683	14.039	595.35	26.471	0
"2011-03-12	12:00:00"	6.9301	357.65	74.429	10.493	751.63	26.468	0
"2011-03-12	13:00:00"	5.442	0.58213	76.639	8.4111	835.88	26.447	0
"2011-03-12	14:00:00"	8.5967	24.984	77.394	8.9425	653.07	26.412	0
"2011-03-12	15:00:00"	8.5693	27.712	78.275	9.2231	785.47	26.397	0
"2011-03-12	16:00:00"	7.8939	35.66	76.995	10.665	383.65	26.391	0
"2011-03-12	17:00:00"	5.647	55.629	78.028	9.9756	406.73	26.379	0
"2011-03-12	18:00:00"	7.5161	74.106	76.828	10.971	210.36	26.382	0
"2011-03-12	19:00:00"	5.1623	85.157	72.702	11.816	47.811	26.391	0
"2011-03-12	20:00:00"	6.74	122.33	66.409	15.093	0.15559	26.409	0
"2011-03-12	21:00:00"	5.5352	137.44	63.03	17.357	0.046	26.412	0
"2011-03-12	22:00:00"	6.2311	148.49	61.834	18.221	0.06296	26.418	0
"2011-03-12	23:00:00"	5.5464	149.04	59.888	19.601	0.05024	26.418	0
"2011-03-13	00:00:00"	4.6826	122.24	59.843	19.112	0.07207	26.415	0
"2011-03-13	01:00:00"	5.9589	85.517	55.177	22.949	0.0725	26.412	0
"2011-03-13	02:00:00"	6.9357	95.115	55.587	23.743	0.06783	26.415	0
"2011-03-13	03:00:00"	6.6996	88.296	53.323	28.728	0.0708	26.4	0
"2011-03-13	04:00:00"	7.0246	67.511	49.394	36.747	0.06126	26.391	0
"2011-03-13	05:00:00"	5.5892	42.675	47.145	41.389	0.05215	26.394	0
"2011-03-13	06:00:00"	5.5314	56.879	46.557	43.576	0.07377	26.406	0
"2011-03-13	07:00:00"	4.3372	34.4	45.274	45.216	0.11065	26.426	0
"2011-03-13	08:00:00"	3.3567	322.31	45.568	45.821	42.598	26.444	0
"2011-03-13	09:00:00"	7.7025	3.9118	50.512	40.048	218.52	26.477	0
"2011-03-13	10:00:00"	8.2835	29.162	54.394	36.904	446.02	26.494	0
"2011-03-13	11:00:00"	7.0401	8.9469	60.677	29.49	606.72	26.503	0
"2011-03-13	12:00:00"	10.733	348.66	67.615	19.138	775.52	26.488	0
"2011-03-13	13:00:00"	11.482	345.46	72.612	14.92	703.03	26.474	0
"2011-03-13	14:00:00"	13.166	316.98	76.868	8.8892	821.36	26.453	0
"2011-03-13	15:00:00"	12.03	302.3	78.702	7.7672	823.9	26.441	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-13	16:00:00"	9.5921	290.9	78.045	7.7517	423.96	26.441	0
"2011-03-13	17:00:00"	10.478	296.52	77.737	7.6961	420.33	26.447	0
"2011-03-13	18:00:00"	6.8077	301.01	76.721	7.6994	245.29	26.459	0
"2011-03-13	19:00:00"	3.1292	260.29	75.187	7.6872	85.314	26.468	0
"2011-03-13	20:00:00"	3.3585	155.78	68.897	9.4208	0.55051	26.483	0
"2011-03-13	21:00:00"	8.2773	96.364	64.762	16.144	0.05935	26.524	0
"2011-03-13	22:00:00"	9.0111	47.436	57.475	30.505	0.07207	26.556	0
"2011-03-13	23:00:00"	9.8587	40.572	53.984	38.6	0.05681	26.571	0
"2011-03-14	01:00:00"	11.26	54.031	52.267	46.602	0.06511	26.589	0
"2011-03-14	02:00:00"	10.557	54.125	50.514	54.364	0.08458	26.604	0
"2011-03-14	03:00:00"	10.08	44.122	46.619	61.51	0.07165	26.612	0
"2011-03-14	04:00:00"	12.777	48.136	44.429	64.667	0.08416	26.615	0
"2011-03-14	05:00:00"	12.359	38.912	41.144	68.902	0.06423	26.612	0
"2011-03-14	06:00:00"	14.833	36.07	39.853	67.48	0.05469	26.612	0
"2011-03-14	07:00:00"	13.353	33.685	38.141	70.67	0.07949	26.636	0
"2011-03-14	08:00:00"	11.203	29.378	35.793	72.587	0.31246	26.654	0
"2011-03-14	09:00:00"	9.1081	19.268	34.928	73.149	66.641	26.672	0
"2011-03-14	10:00:00"	11.049	34.986	40.108	57.176	275.77	26.692	0
"2011-03-14	11:00:00"	10.643	62.269	46.268	41.369	461.1	26.719	0
"2011-03-14	12:00:00"	8.652	74.904	50.97	33.562	685.87	26.719	0
"2011-03-14	13:00:00"	7.2632	84.3	54.614	28.08	823.58	26.704	0
"2011-03-14	14:00:00"	7.0644	103.63	58.304	22.704	895.22	26.674	0
"2011-03-14	15:00:00"	6.8978	117.96	61.078	19.121	897.69	26.636	0
"2011-03-14	16:00:00"	7.7118	127.95	63.127	17.606	793.44	26.612	0
"2011-03-14	17:00:00"	6.2491	156.77	64.883	17.577	612.38	26.583	0
"2011-03-14	18:00:00"	7.4552	155.78	65.479	17.801	374.1	26.571	0
"2011-03-14	19:00:00"	8.8371	157.85	65.137	18.118	256.94	26.565	0
"2011-03-14	20:00:00"	6.932	151.78	63.003	19.572	87.83	26.562	0
"2011-03-14	21:00:00"	6.379	120.8	56.571	24.359	0.4123	26.562	0
"2011-03-14	22:00:00"	7.6534	117.27	53.473	26.593	0.05766	26.565	0
"2011-03-14	23:00:00"	8.0791	116.8	51.605	28.343	0.04664	26.565	0
"2011-03-15	00:00:00"	9.8413	117.14	51.065	29.537	0.08352	26.562	0
"2011-03-15	01:00:00"	8.821	114.26	49.162	32.533	0.08712	26.547	0
"2011-03-15	02:00:00"	7.2818	115.33	46.977	36.036	0.08437	26.547	0
"2011-03-15	03:00:00"	6.2665	114.28	45.268	39.458	0.07737	26.545	0
"2011-03-15	04:00:00"	6.2982	101.81	44.685	41.661	0.06593	26.527	0
"2011-03-15	05:00:00"	7.5441	120.08	44.026	43.776	0.07928	26.497	0
"2011-03-15	06:00:00"	7.0581	119.44	43.1	46.702	0.06656	26.485	0
"2011-03-15	07:00:00"	5.3357	109.56	41.573	49.661	0.07186	26.488	0
"2011-03-15	08:00:00"	3.8326	75.191	39.447	53.203	0.37266	26.494	0
"2011-03-15	09:00:00"	3.0814	46.654	39.243	54.395	68.03	26.509	0
"2011-03-15	10:00:00"	5.7421	203.86	48.819	54.214	270.09	26.527	0
"2011-03-15	11:00:00"	10.277	205.88	56.465	52.904	491.4	26.533	0
"2011-03-15	12:00:00"	10.105	232.84	63.064	41.406	680.33	26.53	0
"2011-03-15	13:00:00"	9.8786	255.19	70.665	27.346	817.58	26.509	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-15	14:00:00"	8.1033	276.8	76.182	17.219	892.83	26.488	0
"2011-03-15	15:00:00"	6.1665	289.29	79.361	12.252	890.43	26.459	0
"2011-03-15	16:00:00"	7.8871	296.98	81.011	10.452	826.54	26.447	0
"2011-03-15	17:00:00"	8.0281	289.64	81.538	9.8933	658.5	26.438	0
"2011-03-15	18:00:00"	6.6077	287.27	81.146	9.6172	436.5	26.435	0
"2011-03-15	19:00:00"	7.5354	348.78	79.049	12.345	185.41	26.441	0
"2011-03-15	20:00:00"	8.1163	62.471	73.608	20.107	55.757	26.447	0
"2011-03-15	21:00:00"	6.6536	74.42	67.331	26.221	0.33217	26.465	0
"2011-03-15	22:00:00"	7.687	68.186	64.447	29.34	0.06084	26.48	0
"2011-03-15	23:00:00"	6.955	65.324	61.899	31.61	0.06359	26.506	0
"2011-03-16	00:00:00"	3.9768	58.592	59.17	34.168	0.0655	26.512	0
"2011-03-16	01:00:00"	5.0213	57.776	55.98	39.708	0.06423	26.509	0
"2011-03-16	02:00:00"	5.0269	71.867	54.94	45.036	0.06381	26.5	0
"2011-03-16	03:00:00"	4.7131	55.372	51.879	53.082	0.07843	26.488	0
"2011-03-16	04:00:00"	4.4316	54.439	50.046	62.291	0.06762	26.471	0
"2011-03-16	05:00:00"	3.4728	80.506	50.832	69.218	0.07928	26.462	0
"2011-03-16	06:00:00"	4.3241	88.693	49.851	73.04	0.07165	26.453	0
"2011-03-16	07:00:00"	4.7951	54.734	47.451	81.552	0.06317	26.462	0
"2011-03-16	08:00:00"	4.5807	38.752	45.12	86.998	0.40467	26.474	0
"2011-03-16	09:00:00"	3.9973	43.332	45.557	85.852	23.598	26.497	0
"2011-03-16	10:00:00"	5.4805	173.19	53.785	88.024	87.007	26.515	0
"2011-03-16	11:00:00"	10.87	187.72	58.867	79.439	343.62	26.512	0
"2011-03-16	12:00:00"	10.991	192.64	65.325	63.323	678.02	26.509	0
"2011-03-16	13:00:00"	11.326	208.31	72.356	42.238	816.81	26.485	0
"2011-03-16	14:00:00"	11.866	215.97	78.528	24.606	891.83	26.459	0
"2011-03-16	15:00:00"	12.698	222.06	82.054	17.468	888.81	26.42	0
"2011-03-16	16:00:00"	15.544	225.82	84.498	11.792	825.58	26.388	0
"2011-03-16	17:00:00"	16.688	222.69	85.788	10.139	691.39	26.373	0
"2011-03-16	18:00:00"	17.356	229.38	86.624	8.0197	508.16	26.37	0
"2011-03-16	19:00:00"	17.283	232.8	85.514	7.6828	291.48	26.37	0
"2011-03-16	20:00:00"	13.504	242.19	82.399	8.0911	86.112	26.379	0
"2011-03-16	21:00:00"	5.4159	241.55	73.987	10.487	0.5715	26.388	0
"2011-03-16	22:00:00"	6.6785	262.68	69.572	12.56	0.07101	26.406	0
"2011-03-16	23:00:00"	8.6426	183.88	69.067	32.686	0.06084	26.438	0
"2011-03-17	00:00:00"	9.8431	181.21	66.06	61.797	0.06635	26.447	0
"2011-03-17	01:00:00"	7.0039	180.81	61.672	72.907	0.06059	26.438	0
"2011-03-17	02:00:00"	4.3825	209.97	57.437	81.46	0.06762	26.426	0
"2011-03-17	03:00:00"	4.3042	227.65	54.89	87.163	0.07419	26.426	0
"2011-03-17	04:00:00"	4.3968	230.69	52.747	89.905	0.05511	26.42	0
"2011-03-17	05:00:00"	4.7274	207.64	52.039	90.361	0.06995	26.418	0
"2011-03-17	06:00:00"	5.9552	202.93	51.6	89.666	0.06953	26.418	0
"2011-03-17	07:00:00"	5.5967	216.57	52.331	88.786	0.06063	26.45	0
"2011-03-17	08:00:00"	4.6298	247.97	49.871	91.008	0.72921	26.462	0
"2011-03-17	09:00:00"	4.0812	245.51	50.08	92.351	95.774	26.485	0
"2011-03-17	10:00:00"	6.9904	222.12	54.824	83.618	299.34	26.521	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-17	11:00:00"	9.9711	214.23	63.801	46.661	511.79	26.536	0
"2011-03-17	12:00:00"	8.8322	235.75	72.153	25.455	701.41	26.536	0
"2011-03-17	13:00:00"	7.6988	265.59	79.39	14.08	837.89	26.524	0
"2011-03-17	14:00:00"	6.0602	235.47	82.736	10.729	904.23	26.503	0
"2011-03-17	15:00:00"	7.9765	239.57	84.57	8.7783	910.44	26.474	0
"2011-03-17	16:00:00"	9.4852	248.46	86.218	7.5478	840.48	26.447	0
"2011-03-17	17:00:00"	11.282	257.73	86.906	6.977	703.95	26.435	0
"2011-03-17	18:00:00"	9.5542	268.26	86.924	6.8353	514	26.432	0
"2011-03-17	19:00:00"	10.143	229.09	86.807	6.4481	292.56	26.432	0
"2011-03-17	20:00:00"	10.995	221.02	83.622	6.9753	84.568	26.435	0
"2011-03-17	21:00:00"	7.2843	221.27	75.402	9.5403	0.58337	26.447	0
"2011-03-17	22:00:00"	3.3902	231.58	68.824	11.351	0.08076	26.465	0
"2011-03-17	23:00:00"	4.7342	260.16	68.34	12.039	0.07017	26.474	0
"2011-03-18	00:00:00"	5.583	222.29	64.812	14.903	0.07313	26.494	0
"2011-03-18	01:00:00"	5.6973	184.23	63.367	38.561	0.0744	26.497	0
"2011-03-18	02:00:00"	6.9643	180.01	60.394	56.385	0.05596	26.491	0
"2011-03-18	03:00:00"	6.8854	185.5	59.488	65.744	0.0672	26.494	0
"2011-03-18	04:00:00"	5.4917	204.27	59.145	69.024	0.04727	26.485	0
"2011-03-18	05:00:00"	3.6307	220.42	57.156	73.966	0.05851	26.48	0
"2011-03-18	06:00:00"	3.8177	233.84	56.199	76.755	0.06084	26.488	0
"2011-03-18	07:00:00"	4.5503	265.38	55.724	75.228	0.05236	26.509	0
"2011-03-18	08:00:00"	3.9016	251.09	52.685	80.286	0.81506	26.518	0
"2011-03-18	09:00:00"	2.7545	249.97	54.007	78.791	82.311	26.533	0
"2011-03-18	10:00:00"	6.0056	221.84	61.825	62.148	282.42	26.562	0
"2011-03-18	11:00:00"	7.3719	245.23	67.542	49.241	497.71	26.571	0
"2011-03-18	12:00:00"	6.4169	322.98	74.109	33.31	683.06	26.577	0
"2011-03-18	13:00:00"	11.572	20.163	77.281	21.959	818.84	26.58	0
"2011-03-18	14:00:00"	11.026	37.178	77.45	16.915	891.58	26.571	0
"2011-03-18	15:00:00"	10.612	43.92	79.975	14.295	891.42	26.547	0
"2011-03-18	16:00:00"	11.452	57.234	81.661	13.098	811.15	26.515	0
"2011-03-18	17:00:00"	12.301	60.433	81.943	13.654	667.28	26.503	0
"2011-03-18	18:00:00"	11.841	70.363	81.891	14.892	485.97	26.488	0
"2011-03-18	19:00:00"	11.037	75.023	80.665	17.782	266.17	26.474	0
"2011-03-18	20:00:00"	10.287	73.008	78.184	22.712	69.634	26.477	0
"2011-03-18	21:00:00"	14.271	83.587	72.779	28.002	0.58188	26.5	0
"2011-03-18	22:00:00"	11.676	72.095	68.439	34.001	0.06847	26.506	0
"2011-03-18	23:00:00"	11.314	66.672	65.113	38.5	0.06296	26.515	0
"2011-03-19	00:00:00"	11.109	70.033	61.766	43.067	0.05215	26.524	0
"2011-03-19	01:00:00"	10.906	76.991	60.123	47.632	0.06932	26.524	0
"2011-03-19	02:00:00"	8.9962	70.694	57.949	53.569	0.07271	26.521	0
"2011-03-19	03:00:00"	10.307	70.164	56.299	58.853	0.05935	26.509	0
"2011-03-19	04:00:00"	10.149	68.989	54.513	65.368	0.09518	26.488	0
"2011-03-19	05:00:00"	10.246	68.725	52.586	72.911	0.05533	26.462	0
"2011-03-19	06:00:00"	10.335	67.738	51.577	76.723	0.07631	26.453	0
"2011-03-19	07:00:00"	9.4094	59.912	50.989	79.578	0.06783	26.465	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-19	08:00:00"	8.1667	52.809	51.282	79.937	0.51405	26.462	0
"2011-03-19	09:00:00"	7.0526	67.217	53.288	78.806	24.081	26.48	0
"2011-03-19	10:00:00"	5.834	67.543	57.327	74.187	88.794	26.488	0
"2011-03-19	11:00:00"	10.931	161.42	63.813	73.866	198.74	26.491	0
"2011-03-19	12:00:00"	10.08	194.49	68.285	63.408	445.03	26.491	0
"2011-03-19	13:00:00"	10.649	199.14	70.347	57.441	407.02	26.48	0
"2011-03-19	14:00:00"	10.94	188.4	73.961	48.693	753.16	26.447	0
"2011-03-19	15:00:00"	12.667	184.72	76.692	42.046	788.82	26.409	0
"2011-03-19	16:00:00"	13.658	188.92	78.307	37.005	707.08	26.382	0
"2011-03-19	17:00:00"	12.872	199.33	79.852	31.508	582.78	26.367	0
"2011-03-19	18:00:00"	12.724	193.02	81.477	28.878	503.37	26.356	0
"2011-03-19	19:00:00"	13.578	182.83	80.685	29.625	287.92	26.35	0
"2011-03-19	20:00:00"	14.807	162.52	76.24	40.144	65.511	26.364	0
"2011-03-19	21:00:00"	10.783	156.03	71.648	48.744	0.5946	26.379	0
"2011-03-19	22:00:00"	11.02	163.91	68.999	53.941	0.06529	26.412	0
"2011-03-19	23:00:00"	8.9372	174	66.456	60.863	0.06169	26.435	0
"2011-03-20	00:00:00"	6.7767	179.12	63.922	64.536	0.06063	26.438	0
"2011-03-20	01:00:00"	4.349	175.4	61.416	69.422	0.06338	26.429	0
"2011-03-20	02:00:00"	3.9811	157.95	59.694	73.285	0.07949	26.429	0
"2011-03-20	03:00:00"	2.1698	159.72	58.759	76.17	0.07631	26.432	0
"2011-03-20	04:00:00"	2.0002	181.66	58.386	78.456	0.07992	26.426	0
"2011-03-20	05:00:00"	4.244	155.54	57.205	80.613	0.05066	26.418	0
"2011-03-20	06:00:00"	3.6332	166.56	55.417	84.589	0.06995	26.429	0
"2011-03-20	07:00:00"	2.7682	185	54.155	88.346	0.06317	26.441	0
"2011-03-20	08:00:00"	2.9758	187.08	53.354	91.047	1.1752	26.45	0
"2011-03-20	09:00:00"	3.041	212.07	53.426	92.636	98.755	26.477	0
"2011-03-20	10:00:00"	8.1027	208.91	59.006	83.632	302.07	26.491	0
"2011-03-20	11:00:00"	8.9571	217.88	65.335	64.722	524.52	26.506	0
"2011-03-20	12:00:00"	7.9163	243.53	71.736	41.599	713.84	26.509	0
"2011-03-20	13:00:00"	7.595	270.55	78.343	18.252	848.77	26.497	0
"2011-03-20	14:00:00"	8.8962	248.33	81.377	11.316	925.24	26.474	0
"2011-03-20	15:00:00"	8.8726	228.31	83.16	8.7375	921.49	26.45	0
"2011-03-20	16:00:00"	10.158	232.54	83.998	7.1658	853.62	26.426	0
"2011-03-20	17:00:00"	11.875	214.75	84.519	6.5867	692.66	26.412	0
"2011-03-20	18:00:00"	13.3	214.02	83.996	5.89	496.15	26.403	0
"2011-03-20	19:00:00"	10.302	211.84	81.945	5.2703	198.95	26.397	0
"2011-03-20	20:00:00"	6.3255	190.52	78.353	5.8228	69.878	26.4	0
"2011-03-20	21:00:00"	5.5867	158.46	70.937	7.5378	1.0406	26.409	0
"2011-03-20	22:00:00"	9.4511	161.61	68.266	20.966	0.05872	26.429	0
"2011-03-20	23:00:00"	12.201	164.56	67.457	49.369	0.05787	26.438	0
"2011-03-21	00:00:00"	12.636	169.33	64.117	63.434	0.06275	26.447	0
"2011-03-21	01:00:00"	13.014	175.45	62.76	71.091	0.05193	26.441	0
"2011-03-21	02:00:00"	12.353	175.63	62.131	77.488	0.0513	26.441	0
"2011-03-21	03:00:00"	9.6754	172.84	61.654	78.845	0.05766	26.423	0
"2011-03-21	04:00:00"	10.319	174.7	60.85	80.449	0.06147	26.412	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-21	05:00:00"	10.891	178.52	60.552	81.227	0.06402	26.403	0
"2011-03-21	06:00:00"	11.208	179.46	60.377	82.336	0.06465	26.4	0
"2011-03-21	07:00:00"	12.866	179.58	59.713	85.734	0.07144	26.403	0
"2011-03-21	08:00:00"	12.104	183.59	59.061	89.645	0.81888	26.42	0
"2011-03-21	09:00:00"	13.279	181.9	59.416	90.683	84.724	26.426	0
"2011-03-21	10:00:00"	14.97	181.11	62.044	84.602	241.52	26.441	0
"2011-03-21	11:00:00"	15.102	186.72	65.48	73.594	278.8	26.456	0
"2011-03-21	12:00:00"	13.67	192.73	69.364	61.749	462.05	26.465	0
"2011-03-21	13:00:00"	13.755	191.18	73.45	49.792	617.07	26.447	0
"2011-03-21	14:00:00"	13.545	195.68	78.488	35.032	727.08	26.412	0
"2011-03-21	15:00:00"	14.987	204.52	81.319	26.611	779.61	26.379	0
"2011-03-21	16:00:00"	15.27	197.32	83.126	24.685	788.88	26.344	0
"2011-03-21	17:00:00"	17.453	179.85	84.419	23.358	700.04	26.311	0
"2011-03-21	18:00:00"	17.613	169.57	83.245	26.69	385.59	26.291	0
"2011-03-21	19:00:00"	16.295	171.25	79.114	34.982	123.59	26.296	0
"2011-03-21	20:00:00"	15.868	165	72.567	49.805	34.704	26.305	0
"2011-03-21	21:00:00"	13.435	177.91	66.925	62.54	1.2695	26.323	0
"2011-03-21	22:00:00"	12.115	170.31	64.389	70.465	0.06402	26.326	0
"2011-03-21	23:00:00"	12.783	175.16	63.525	75.816	0.05342	26.332	0
"2011-03-22	00:00:00"	13.135	176.29	63.121	76.231	0.06359	26.32	0
"2011-03-22	01:00:00"	14.599	177.65	63.461	74.926	0.08182	26.291	0
"2011-03-22	02:00:00"	16.458	178.19	64.454	70.455	0.08691	26.273	0
"2011-03-22	03:00:00"	16.971	190.13	65.448	65.621	0.07716	26.276	0
"2011-03-22	04:00:00"	12.725	200.86	64.542	67.237	0.07504	26.264	0
"2011-03-22	05:00:00"	13.144	191.64	62.813	72.349	0.0744	26.252	0
"2011-03-22	06:00:00"	12.66	186.33	61.235	75.142	0.05278	26.249	0
"2011-03-22	07:00:00"	8.6917	195.31	58.706	80.086	0.09391	26.249	0
"2011-03-22	08:00:00"	6.9289	217.84	56.606	83.378	1.398	26.276	0
"2011-03-22	09:00:00"	6.7033	246.42	54.697	86.073	97.865	26.311	0
"2011-03-22	10:00:00"	10.19	242.31	60.995	61.927	311.49	26.329	0
"2011-03-22	11:00:00"	17.789	277.9	67.773	23.781	534.3	26.344	0
"2011-03-22	12:00:00"	20.226	260.64	70.661	19.048	726.26	26.332	0
"2011-03-22	13:00:00"	21.012	258.89	72.977	16.018	858.23	26.32	0
"2011-03-22	14:00:00"	20.987	261.71	74.963	12.892	930.5	26.308	0
"2011-03-22	15:00:00"	18.009	266.85	75.466	13.046	925.36	26.288	0
"2011-03-22	16:00:00"	16.32	270.92	76.557	12.268	847.83	26.27	0
"2011-03-22	17:00:00"	15.782	265.3	77.265	11.727	709.65	26.27	0
"2011-03-22	18:00:00"	15.322	264.54	76.731	11.515	525	26.276	0
"2011-03-22	19:00:00"	14.945	265.46	75.421	11.824	300.09	26.279	0
"2011-03-22	20:00:00"	12.795	265.14	72.508	14.055	87.236	26.291	0
"2011-03-22	21:00:00"	4.2067	231.68	65.834	17.575	0.95412	26.299	0
"2011-03-22	22:00:00"	4.8212	263.36	62.071	20	0.06847	26.308	0
"2011-03-22	23:00:00"	6.0435	249.03	58.349	19.803	0.05617	26.323	0
"2011-03-23	00:00:00"	4.9306	252.19	52.566	23.744	0.0672	26.329	0
"2011-03-23	01:00:00"	4.9423	223.01	52.067	23.616	0.0687	26.329	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-23	02:00:00"	8.7265	278.46	56.156	19.49	0.07843	26.332	0
"2011-03-23	03:00:00"	16.768	321.66	58.572	17.19	0.05702	26.344	0
"2011-03-23	04:00:00"	18.138	345.47	54.113	17.921	0.0655	26.347	0
"2011-03-23	05:00:00"	19.209	344.63	52.557	18.706	0.06571	26.35	0
"2011-03-23	06:00:00"	11.911	6.9626	51.445	19.001	0.05384	26.397	0
"2011-03-23	07:00:00"	4.5379	34.617	49.918	20.046	0.07462	26.42	0
"2011-03-23	08:00:00"	5.1083	14.829	48.405	20.993	2.4316	26.429	0
"2011-03-23	09:00:00"	3.8718	357.26	48.267	21.651	108.61	26.456	0
"2011-03-23	10:00:00"	9.6629	351.86	54.489	18.055	327.01	26.477	0
"2011-03-23	11:00:00"	12.26	352.92	58.899	16.328	551.28	26.491	0
"2011-03-23	12:00:00"	9.5741	352.11	62.144	14.691	740.73	26.483	0
"2011-03-23	13:00:00"	7.165	314.38	65.137	13.375	873.67	26.483	0
"2011-03-23	14:00:00"	8.3413	282.58	67.718	12.526	943.2	26.465	0
"2011-03-23	15:00:00"	7.4428	280.43	70.634	11.242	943.1	26.435	0
"2011-03-23	16:00:00"	8.8054	281.49	73.012	9.7228	868.82	26.403	0
"2011-03-23	17:00:00"	7.2762	264.82	74.687	8.7253	731.32	26.388	0
"2011-03-23	18:00:00"	6.1292	278.12	75.555	7.4447	543.13	26.376	0
"2011-03-23	19:00:00"	6.1752	242.33	75.638	6.8606	317.95	26.379	0
"2011-03-23	20:00:00"	3.2709	248.8	74.111	7.2325	100.91	26.379	0
"2011-03-23	21:00:00"	4.3974	168.31	65.923	10.561	1.2884	26.388	0
"2011-03-23	22:00:00"	5.6619	154.47	59.092	13.723	0.07949	26.4	0
"2011-03-23	23:00:00"	6.1261	145.23	58.833	13.531	0.06932	26.4	0
"2011-03-24	00:00:00"	6.4243	88.943	53.853	15.773	0.06826	26.403	0
"2011-03-24	01:00:00"	7.9032	120.3	55.886	15.791	0.07631	26.406	0
"2011-03-24	02:00:00"	7.7945	111.09	53.871	17.699	0.06868	26.403	0
"2011-03-24	03:00:00"	8.9359	97.21	51.59	20.203	0.05999	26.397	0
"2011-03-24	04:00:00"	9.658	104.11	50.134	22.48	0.08013	26.391	0
"2011-03-24	05:00:00"	10.024	111.23	50.655	23.306	0.06296	26.376	0
"2011-03-24	06:00:00"	10.998	105.22	49.86	25.384	0.07059	26.37	0
"2011-03-24	07:00:00"	11.284	104.84	49.484	26.995	0.06169	26.376	0
"2011-03-24	08:00:00"	11.842	99.014	49.65	28.83	1.9038	26.379	0
"2011-03-24	09:00:00"	12.45	104.34	51.072	28.573	82.452	26.382	0
"2011-03-24	10:00:00"	15.378	122.99	57.645	31.336	262.94	26.394	0
"2011-03-24	11:00:00"	16.426	144.15	63.609	45.572	331.3	26.385	0
"2011-03-24	12:00:00"	19.568	161.12	69.585	48.726	680.9	26.373	0
"2011-03-24	13:00:00"	20.476	176.26	73.092	44.857	839.27	26.341	0
"2011-03-24	14:00:00"	19.386	188.72	76.042	38.673	871.93	26.32	0
"2011-03-24	15:00:00"	17.639	205.59	79.659	24.498	913.04	26.285	0
"2011-03-24	16:00:00"	17.946	223.14	82.266	12.952	844.44	26.261	0
"2011-03-24	17:00:00"	16.874	228.82	83.144	9.6944	717.63	26.24	0
"2011-03-24	18:00:00"	18.389	235.81	83.803	7.8483	533.29	26.229	0
"2011-03-24	19:00:00"	20.51	240.22	82.48	6.4808	304.04	26.229	0
"2011-03-24	20:00:00"	15.805	240.55	78.848	5.95	57.253	26.255	0
"2011-03-24	21:00:00"	8.1828	271.06	73.12	6.4722	1.1892	26.276	0
"2011-03-24	22:00:00"	5.4861	296.73	67.127	8.2131	0.08119	26.276	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-24	23:00:00"	5.2326	318.91	62.52	9.8553	0.07928	26.288	0
"2011-03-25	00:00:00"	5.4227	305.2	62.491	10.889	0.0725	26.288	0
"2011-03-25	01:00:00"	5.3767	300.99	62.171	11.464	0.05851	26.291	0
"2011-03-25	02:00:00"	6.6636	197.66	56.844	13.39	0.06105	26.305	0
"2011-03-25	03:00:00"	4.9374	185.81	53.913	57.055	0.0708	26.311	0
"2011-03-25	04:00:00"	2.8981	194.88	52.051	83.203	0.07674	26.302	0
"2011-03-25	05:00:00"	3.0746	279.65	51.991	86.942	0.07822	26.285	0
"2011-03-25	06:00:00"	3.238	5.8035	50.457	85.456	0.0619	26.285	0
"2011-03-25	07:00:00"	4.5049	3.5842	48.385	62.198	0.07801	26.282	0
"2011-03-25	08:00:00"	8.0045	13.816	46.073	41.268	2.0789	26.294	0
"2011-03-25	09:00:00"	2.9186	258.87	48.706	29.065	107.9	26.314	0
"2011-03-25	10:00:00"	1.8964	252	55.669	24.48	330.57	26.329	0
"2011-03-25	11:00:00"	3.4971	117.53	68.694	12.401	552.27	26.326	0
"2011-03-25	12:00:00"	9.96	243.2	72.802	10.147	730.9	26.32	0
"2011-03-25	13:00:00"	15.842	268.82	75.525	8.9128	864.11	26.296	0
"2011-03-25	14:00:00"	14.649	258	78.249	7.9422	955.86	26.273	0
"2011-03-25	15:00:00"	15.022	236.28	79.54	7.3233	950.15	26.246	0
"2011-03-25	16:00:00"	14.157	240.11	80.335	6.5753	874.87	26.211	0
"2011-03-25	17:00:00"	14.676	231.11	81.235	6.1275	735.28	26.181	0
"2011-03-25	18:00:00"	15.639	229.74	81.42	6.3308	540.91	26.169	0
"2011-03-25	19:00:00"	17.475	226.07	80.066	6.5942	311.34	26.172	0
"2011-03-25	20:00:00"	17.085	234.3	77.041	7.2711	91.687	26.181	0
"2011-03-25	21:00:00"	14.297	228.78	72.345	8.4622	1.3626	26.193	0
"2011-03-25	22:00:00"	7.7777	235.16	66.41	10.339	0.07292	26.202	0
"2011-03-25	23:00:00"	5.2177	243.81	62.329	12.004	0.04685	26.187	0
"2011-03-26	00:00:00"	4.8902	267.13	58.743	13.717	0.06359	26.196	0
"2011-03-26	01:00:00"	5.5209	291.69	59.999	13.571	0.06805	26.208	0
"2011-03-26	02:00:00"	4.3365	265.83	58.014	14.201	0.08649	26.205	0
"2011-03-26	03:00:00"	3.7649	235.99	53.354	16.451	0.05745	26.205	0
"2011-03-26	04:00:00"	7.3514	271.42	56.382	16.206	0.0655	26.208	0
"2011-03-26	05:00:00"	8.309	291.91	61.394	15.059	0.06741	26.202	0
"2011-03-26	06:00:00"	8.9459	303.11	60.889	16.147	0.06762	26.22	0
"2011-03-26	07:00:00"	11.482	307.97	60.364	17.324	0.06402	26.232	0
"2011-03-26	08:00:00"	13.999	328.16	59.048	18.593	3.666	26.258	0
"2011-03-26	09:00:00"	10.31	341.99	58.028	21.026	114.9	26.285	0
"2011-03-26	10:00:00"	16.616	346.31	61.073	20.578	332.17	26.288	0
"2011-03-26	11:00:00"	17.38	344.15	64.535	18.84	555.49	26.302	0
"2011-03-26	12:00:00"	13.427	336.87	67.319	17.223	740.35	26.305	0
"2011-03-26	13:00:00"	9.7139	309.42	70.166	15.173	871.66	26.294	0
"2011-03-26	14:00:00"	9.8568	286.72	73.424	12.75	941.17	26.267	0
"2011-03-26	15:00:00"	9.8102	271.43	76.128	10.833	939.68	26.24	0
"2011-03-26	16:00:00"	10.581	249.99	77.865	10.325	864.04	26.214	0
"2011-03-26	17:00:00"	10.125	233.27	78.935	10.181	723.48	26.193	0
"2011-03-26	18:00:00"	10.489	203.57	79.092	9.8656	532.32	26.181	0
"2011-03-26	19:00:00"	9.2609	189.51	78.702	9.7142	308.71	26.167	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-26	20:00:00"	11.229	211.08	77.149	10.53	97.062	26.178	0
"2011-03-26	21:00:00"	9.9556	221.07	72.043	12.624	1.6581	26.196	0
"2011-03-26	22:00:00"	5.9186	217.4	66.436	15.212	0.07165	26.202	0
"2011-03-26	23:00:00"	3.2833	233.76	61.567	18.314	0.05024	26.214	0
"2011-03-27	00:00:00"	5.4171	131.82	61.391	22.089	0.07674	26.24	0
"2011-03-27	01:00:00"	11.731	99.771	55.214	44.092	0.06722	26.24	0
"2011-03-27	02:00:00"	11.198	91.084	51.245	51.428	0.07419	26.24	0
"2011-03-27	03:00:00"	11.794	89.628	48.132	57.217	0.06635	26.24	0
"2011-03-27	04:00:00"	11.418	85.969	45.535	62.616	0.07313	26.234	0
"2011-03-27	05:00:00"	8.1462	74.282	42.575	69.097	0.07652	26.232	0
"2011-03-27	06:00:00"	7.3987	87.189	40.227	75.28	0.06317	26.234	0
"2011-03-27	07:00:00"	6.3908	74.635	38.178	80.962	0.06402	26.252	0
"2011-03-27	08:00:00"	6.4107	61.162	35.997	84.586	3.7614	26.267	0
"2011-03-27	09:00:00"	9.2895	68.952	36.975	85.021	112.56	26.291	0
"2011-03-27	10:00:00"	10.921	78.475	40.516	79.339	330.49	26.32	0
"2011-03-27	11:00:00"	9.251	79.31	44.109	71.257	553.55	26.32	0
"2011-03-27	12:00:00"	5.6085	92.627	50.16	56.603	743.43	26.323	0
"2011-03-27	13:00:00"	4.5745	98.659	55.731	43.931	872.2	26.314	0
"2011-03-27	14:00:00"	4.8088	102.05	60.738	35.416	938.13	26.311	0
"2011-03-27	15:00:00"	3.7146	294.75	65.871	27.307	933.96	26.288	0
"2011-03-27	16:00:00"	3.7984	276.87	70.679	21.56	861.68	26.261	0
"2011-03-27	17:00:00"	5.7769	122.58	73.955	18.688	721.7	26.246	0
"2011-03-27	18:00:00"	6.6623	191.31	76.425	15.439	531.17	26.234	0
"2011-03-27	19:00:00"	10.962	160.64	75.849	17.124	309.23	26.237	0
"2011-03-27	20:00:00"	11.165	119.97	69.299	25.482	94.215	26.252	0
"2011-03-27	21:00:00"	8.2089	113.19	63.683	31.64	1.5152	26.27	0
"2011-03-27	22:00:00"	8.5221	107.13	58.848	38.775	0.0672	26.285	0
"2011-03-27	23:00:00"	9.8164	113.93	56.25	42.938	0.05151	26.294	0
"2011-03-28	00:00:00"	9.1882	127.19	54.947	45.145	0.07123	26.302	0
"2011-03-28	01:00:00"	7.1868	127.1	52.901	49.895	0.07334	26.299	0
"2011-03-28	02:00:00"	7.782	120.15	50.89	55.055	0.05935	26.302	0
"2011-03-28	03:00:00"	8.7849	113.79	48.531	60.385	0.06699	26.296	0
"2011-03-28	04:00:00"	8.9154	110.2	46.689	68.028	0.06847	26.285	0
"2011-03-28	05:00:00"	9.4013	118.64	44.905	74.801	0.0672	26.282	0
"2011-03-28	06:00:00"	7.9828	111.86	42.743	79.438	0.06169	26.285	0
"2011-03-28	07:00:00"	5.2922	91.981	39.591	83.801	0.06911	26.294	0
"2011-03-28	08:00:00"	5.9086	72.1	36.277	88.142	3.7692	26.308	0
"2011-03-28	09:00:00"	9.1422	64.336	36.457	89.88	109.46	26.323	0
"2011-03-28	10:00:00"	9.0173	89.252	43.749	78.97	338.37	26.332	0
"2011-03-28	11:00:00"	7.8454	151.58	53.846	64.348	557.77	26.335	0
"2011-03-28	12:00:00"	11.243	198.71	65.717	40.718	751.61	26.329	0
"2011-03-28	13:00:00"	12.375	224.51	71.608	25.267	883.5	26.308	0
"2011-03-28	14:00:00"	10.691	213.74	75.442	20.026	949.58	26.285	0
"2011-03-28	15:00:00"	9.5337	214.36	80.229	13.247	945.13	26.249	0
"2011-03-28	16:00:00"	13.277	253.92	84.106	8.7714	874.73	26.22	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-28	17:00:00"	16.313	244.4	85.049	8.2433	735.21	26.202	0
"2011-03-28	18:00:00"	17.699	238.39	84.629	7.7353	543.85	26.196	0
"2011-03-28	19:00:00"	16.504	230.81	83.489	7.7875	319.24	26.193	0
"2011-03-28	20:00:00"	14.58	228	80.59	8.3497	103.1	26.205	0
"2011-03-28	21:00:00"	10.51	225.39	75.11	10.118	1.8533	26.22	0
"2011-03-28	22:00:00"	5.4059	208.58	68.274	12.441	0.05999	26.237	0
"2011-03-28	23:00:00"	4.7578	223.53	61.959	15.256	0.07017	26.246	0
"2011-03-29	00:00:00"	4.0501	247.75	61.038	15.898	0.06889	26.249	0
"2011-03-29	01:00:00"	4.042	264.87	60.537	16.664	0.05427	26.252	0
"2011-03-29	02:00:00"	3.7462	272.71	59.591	17.542	0.07186	26.255	0
"2011-03-29	03:00:00"	4.1023	247.78	58.287	18.242	0.05172	26.249	0
"2011-03-29	04:00:00"	2.8832	253.82	57.731	18.722	0.06529	26.246	0
"2011-03-29	05:00:00"	5.3705	142.2	54.721	23.045	0.06656	26.267	0
"2011-03-29	06:00:00"	14.19	36.303	43.547	79.25	0.07949	26.299	0
"2011-03-29	07:00:00"	15.778	36.103	41.816	91.75	0.0903	26.338	0
"2011-03-29	08:00:00"	14.552	35.097	42.683	92.59	1.1279	26.37	0
"2011-03-29	09:00:00"	15.623	36.293	42.186	92.663	23.818	26.397	0
"2011-03-29	10:00:00"	15.367	36.544	42.131	91.041	106.86	26.432	0
"2011-03-29	11:00:00"	13.944	32.161	43.371	85.99	234.24	26.465	0
"2011-03-29	12:00:00"	12.329	39.291	46.002	76.94	436.05	26.477	0
"2011-03-29	13:00:00"	11.156	29.879	49.452	66.809	700.05	26.485	0
"2011-03-29	14:00:00"	11.53	34.501	52.112	58.174	846.27	26.477	0
"2011-03-29	15:00:00"	13.597	33.283	54.981	50.543	931.3	26.459	0
"2011-03-29	16:00:00"	14.521	31.174	57.258	45.471	838.97	26.45	0
"2011-03-29	17:00:00"	15.572	43.822	59.573	41.683	726.82	26.444	0
"2011-03-29	18:00:00"	15.221	53.28	60.134	40.012	541.43	26.45	0
"2011-03-29	19:00:00"	14.672	70.807	58.298	43.816	317.92	26.459	0
"2011-03-29	20:00:00"	15.449	74.118	53.303	55.018	98.885	26.462	0
"2011-03-29	21:00:00"	12.798	71.722	48.553	63.426	1.6872	26.488	0
"2011-03-29	22:00:00"	10.151	66.446	45.193	68.024	0.09115	26.536	0
"2011-03-29	23:00:00"	3.6661	67.238	41.11	75.659	0.0619	26.536	0
"2011-03-30	00:00:00"	2.8614	68.577	37.742	80.704	0.0655	26.542	0
"2011-03-30	01:00:00"	3.4996	94.426	36.763	83.447	0.06317	26.545	0
"2011-03-30	02:00:00"	3.7313	12.004	35.686	86.002	0.07568	26.545	0
"2011-03-30	03:00:00"	3.3709	12.804	35.995	87.873	0.07716	26.542	0
"2011-03-30	04:00:00"	4.1986	21.095	33.496	90.101	0.0814	26.506	0
"2011-03-30	05:00:00"	4.8181	355.01	31.842	91.207	0.08267	26.503	0
"2011-03-30	06:00:00"	3.6456	354.77	32.016	90.729	0.07568	26.503	0
"2011-03-30	07:00:00"	2.8533	313	33.277	90.59	0.05511	26.503	0
"2011-03-30	08:00:00"	2.5955	323.46	33.071	89.53	5.5356	26.5	0
"2011-03-30	09:00:00"	2.657	334.86	35.549	89.445	112.75	26.503	0
"2011-03-30	10:00:00"	2.3637	211.94	42.39	71.414	340.54	26.506	0
"2011-03-30	11:00:00"	6.0938	177.91	46.95	52.831	566.73	26.494	0
"2011-03-30	12:00:00"	9.3317	195.2	50.951	42.525	742.85	26.474	0
"2011-03-30	13:00:00"	9.2615	204.73	53.376	38.468	729.71	26.45	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-03-30	14:00:00"	9.1932	215.15	56.404	35.801	919.91	26.409	0
"2011-03-30	15:00:00"	9.461	222.44	59.714	33.018	938.28	26.373	0
"2011-03-30	16:00:00"	9.8431	224.89	63.124	29.684	866.46	26.332	0
"2011-03-30	17:00:00"	9.4883	227.8	66.863	26.104	693.72	26.308	0
"2011-03-30	18:00:00"	6.9873	239.94	68.975	22.781	514.74	26.294	0
"2011-03-30	19:00:00"	6.0994	230.18	69.958	20.753	286.33	26.288	0
"2011-03-30	20:00:00"	5.4364	216.97	68.574	21.243	99.141	26.285	0
"2011-03-30	21:00:00"	4.6858	179.51	60.547	28.186	1.8131	26.288	0
"2011-03-30	22:00:00"	5.7676	186.72	56.88	31.972	0.04664	26.305	0
"2011-03-30	23:00:00"	6.0341	189.08	55.434	33.509	0.05914	26.302	0
"2011-03-31	00:00:00"	4.6348	211.33	52.914	36.766	0.07843	26.308	0
"2011-03-31	01:00:00"	4.6715	239.97	50.935	39.86	0.08522	26.299	0
"2011-03-31	02:00:00"	5.2605	244.65	51.388	39.723	0.08437	26.302	0
"2011-03-31	03:00:00"	5.3332	273.92	51.364	41.768	0.06529	26.305	0
"2011-03-31	04:00:00"	3.8649	306.94	51.029	44.182	0.0602	26.288	0
"2011-03-31	05:00:00"	5.3276	327.5	48.769	46.325	0.07843	26.279	0
"2011-03-31	06:00:00"	6.1851	306	51.576	40.427	0.07822	26.279	0
"2011-03-31	07:00:00"	13.877	327.58	58.252	26.681	0.07271	26.294	0
"2011-03-31	08:00:00"	10.996	323.07	57.037	27.452	6.3395	26.311	0
"2011-03-31	09:00:00"	11.098	328.68	56.305	28.179	95.265	26.338	0
"2011-03-31	10:00:00"	12.56	330.6	61.294	24.219	334.58	26.367	0
"2011-03-31	11:00:00"	13.286	335.89	67.053	19.601	545.39	26.379	0
"2011-03-31	12:00:00"	10.243	347.63	71.203	16.084	753.91	26.379	0
"2011-03-31	13:00:00"	8.8284	14.057	74.315	13.671	847.48	26.37	0
"2011-03-31	14:00:00"	8.4276	17.862	75.654	13.058	808.84	26.361	0
"2011-03-31	15:00:00"	8.67	356.73	77.513	11.877	947.83	26.338	0
"2011-03-31	16:00:00"	5.7234	212.58	79.069	11.162	830.13	26.308	0
"2011-03-31	17:00:00"	5.3823	247.17	80.131	10.718	679.81	26.291	0
"2011-03-31	18:00:00"	5.6247	287.66	81.08	9.985	542.48	26.273	0
"2011-03-31	19:00:00"	7.1408	213.22	80.828	9.7978	329.72	26.27	0
"2011-03-31	20:00:00"	5.6358	219.8	79.2	10.123	115.62	26.261	0
"2011-03-31	21:00:00"	4.9032	169.32	69.844	13.561	3.0815	26.267	0
"2011-03-31	22:00:00"	5.4165	158.93	64.925	15.979	0.04579	26.276	0
"2011-03-31	23:00:00"	4.9672	177.31	62.233	17.369	0.05914	26.282	0
"2011-04-01	00:00:00"	3.7978	194.54	59.334	19.171	0.06593	26.279	0
"2011-04-01	01:00:00"	4.559	218.34	58.56	20.205	0.08013	26.27	0
"2011-04-01	02:00:00"	4.7367	219.7	56.023	22.369	0.0725	26.255	0
"2011-04-01	03:00:00"	3.7456	224.85	56.583	22.741	0.07101	26.246	0
"2011-04-01	04:00:00"	3.6499	242.13	56.105	23.221	0.06805	26.237	0
"2011-04-01	05:00:00"	3.791	295.25	55.913	24.318	0.0831	26.232	0
"2011-04-01	06:00:00"	4.2688	283.2	56.61	23.844	0.07504	26.229	0
"2011-04-01	07:00:00"	9.4977	310.11	58.29	22.907	0.06741	26.255	0
"2011-04-01	08:00:00"	10.343	327.97	58.25	23.603	9.6694	26.279	0
"2011-04-01	09:00:00"	11.735	343.79	62.835	21.38	141.14	26.302	0
"2011-04-01	10:00:00"	13.83	1.145	70.338	17.666	363.32	26.32	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-01	11:00:00"	16.393	14.52	75.866	14.739	584.66	26.335	0
"2011-04-01	12:00:00"	15.804	32.526	78.942	12.891	766.97	26.37	0
"2011-04-01	13:00:00"	13.325	36.301	81.054	11.515	895.33	26.37	0
"2011-04-01	14:00:00"	9.9513	25.331	82.469	10.963	957.38	26.361	0
"2011-04-01	15:00:00"	9.2385	39.476	83.293	10.488	953.94	26.347	0
"2011-04-01	16:00:00"	7.2098	27.518	84.325	9.9436	874.13	26.341	0
"2011-04-01	17:00:00"	6.5138	31.136	84.855	9.8256	730.47	26.338	0
"2011-04-01	18:00:00"	7.751	61.743	84.905	10.39	541.02	26.338	0
"2011-04-01	19:00:00"	9.6586	61.733	83.485	11.758	317.74	26.35	0
"2011-04-01	20:00:00"	8.931	80.331	80.754	12.669	107.06	26.358	0
"2011-04-01	21:00:00"	6.5853	90.333	72.699	16.141	2.704	26.361	0
"2011-04-01	22:00:00"	7.6652	97.307	69.144	18.576	0.06868	26.385	0
"2011-04-01	23:00:00"	9.5915	109.04	67.892	20.021	0.0496	26.397	0
"2011-04-02	00:00:00"	9.8121	108.04	65.432	22.815	0.05024	26.403	0
"2011-04-02	01:00:00"	10.159	106.68	63.333	25.147	0.07293	26.406	0
"2011-04-02	02:00:00"	10.232	116.98	62.507	26.468	0.06847	26.406	0
"2011-04-02	03:00:00"	6.292	125.54	59.172	29.908	0.08522	26.415	0
"2011-04-02	04:00:00"	1.7883	151.73	55.504	34.051	0.08331	26.412	0
"2011-04-02	05:00:00"	3.1311	161.76	53.955	36.169	0.08182	26.412	0
"2011-04-02	06:00:00"	3.5623	166.25	53.446	37.436	0.0424	26.409	0
"2011-04-02	07:00:00"	3.1814	105.43	53.935	37.983	0.06147	26.423	0
"2011-04-02	08:00:00"	5.0996	56.642	48.384	43.853	9.9806	26.429	0
"2011-04-02	09:00:00"	4.7106	79.772	52.204	40.279	146.21	26.456	0
"2011-04-02	10:00:00"	7.2663	155.87	65.65	27.677	365.99	26.459	0
"2011-04-02	11:00:00"	12.946	175.42	71.665	23.7	583.01	26.462	0
"2011-04-02	12:00:00"	14.067	178.99	76.327	20.632	760.86	26.453	0
"2011-04-02	13:00:00"	12.234	194.62	80.68	16.957	893.53	26.432	0
"2011-04-02	14:00:00"	12.878	207.33	84.973	12.813	960.05	26.403	0
"2011-04-02	15:00:00"	12.639	216.08	88.441	9.6442	959.75	26.376	0
"2011-04-02	16:00:00"	13.701	211.62	89.587	7.5494	886.07	26.344	0
"2011-04-02	17:00:00"	13.716	208.58	90.383	6.2264	745.43	26.317	0
"2011-04-02	18:00:00"	13.691	207.59	90.349	5.8122	556.02	26.296	0
"2011-04-02	19:00:00"	12.374	203.13	89.734	5.4203	331.4	26.285	0
"2011-04-02	20:00:00"	9.5691	199.66	87.256	6.1256	114.64	26.276	0
"2011-04-02	21:00:00"	5.7402	167.86	78.827	8.7572	3.299	26.27	0
"2011-04-02	22:00:00"	5.6433	151.42	74.463	10.819	0.05829	26.282	0
"2011-04-02	23:00:00"	7.5925	155.43	71.725	13.378	0.06635	26.296	0
"2011-04-03	00:00:00"	6.1255	188.26	69.214	19.993	0.0513	26.296	0
"2011-04-03	01:00:00"	8.9384	184.87	71.048	33.546	0.05792	26.294	0
"2011-04-03	02:00:00"	9.1739	182.12	69.138	43.286	0.07038	26.279	0
"2011-04-03	03:00:00"	11.421	180.08	68.796	50.02	0.05723	26.264	0
"2011-04-03	04:00:00"	8.8322	181.74	66.27	56.269	0.06571	26.246	0
"2011-04-03	05:00:00"	9.0962	195.77	66.284	57.889	0.06593	26.252	0
"2011-04-03	06:00:00"	11.532	187.72	65.657	60.088	0.07059	26.249	0
"2011-04-03	07:00:00"	7.7485	198.61	63.192	65.858	0.08818	26.255	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-03	08:00:00"	11.248	179.34	62.52	70.477	13.728	26.267	0
"2011-04-03	09:00:00"	10.176	184.58	63.96	64.04	94.816	26.276	0
"2011-04-03	10:00:00"	10.752	195.2	68.312	39.633	292	26.285	0
"2011-04-03	11:00:00"	13.351	211.9	74.513	22.257	470.27	26.282	0
"2011-04-03	12:00:00"	16.41	222.78	80.554	15.481	780.03	26.267	0
"2011-04-03	13:00:00"	22.231	239.86	85.843	10.533	906.9	26.24	0
"2011-04-03	14:00:00"	24.114	238.43	87.236	9.9078	953.94	26.223	0
"2011-04-03	15:00:00"	25.73	240.76	88.103	8.4178	942.59	26.199	0
"2011-04-03	16:00:00"	24.37	237.27	89.146	7.457	870.58	26.164	0
"2011-04-03	17:00:00"	26.974	243.87	88.745	6.5989	626.47	26.149	0
"2011-04-03	18:00:00"	25.958	241.17	88.447	6.3142	481.52	26.134	0
"2011-04-03	19:00:00"	27.634	240.5	87.561	5.9219	254.1	26.134	0
"2011-04-03	20:00:00"	21.131	243.05	85.115	6.1661	44.283	26.128	0
"2011-04-03	21:00:00"	17	247.16	82.744	7.3092	1.5597	26.137	0
"2011-04-03	22:00:00"	12.219	247.64	79.86	8.3578	0.07038	26.161	0
"2011-04-03	23:00:00"	14.325	257.84	79.04	9.5358	0.06508	26.184	0
"2011-04-04	00:00:00"	12.064	256.66	77.518	10.993	0.06147	26.193	0
"2011-04-04	01:00:00"	15.082	273.19	76.919	10.236	0.05723	26.22	0
"2011-04-04	02:00:00"	13.814	273.59	75.477	10.113	0.05024	26.249	0
"2011-04-04	03:00:00"	9.3429	272.33	71.967	11.519	0.05215	26.264	0
"2011-04-04	04:00:00"	16.217	294.62	65.992	18.806	0.06253	26.32	0
"2011-04-04	05:00:00"	23.708	19.828	48.137	44.604	0.07313	26.361	0
"2011-04-04	06:00:00"	27.004	23.879	43.771	46.787	0.06381	26.415	0
"2011-04-04	07:00:00"	23.364	21.764	41.472	48.067	0.0708	26.48	0
"2011-04-04	08:00:00"	19.226	18.984	40.252	51.433	9.5247	26.53	0
"2011-04-04	09:00:00"	20.472	16.13	40.453	52.614	147.06	26.586	0
"2011-04-04	10:00:00"	22.049	13.775	42.429	51.208	367.34	26.615	0
"2011-04-04	11:00:00"	20.169	10.977	45.084	45.388	584.26	26.648	0
"2011-04-04	12:00:00"	17.938	8.0068	48.206	37.984	779.22	26.674	0
"2011-04-04	13:00:00"	15.565	11.33	52.128	27.621	912.87	26.663	0
"2011-04-04	14:00:00"	14.51	13.696	55.417	19.444	984.52	26.645	0
"2011-04-04	15:00:00"	12.508	5.7817	56.709	16.855	982.63	26.624	0
"2011-04-04	16:00:00"	10.75	354.13	58.407	14.427	904.99	26.607	0
"2011-04-04	17:00:00"	8.9651	0.58921	58.937	14.049	761.03	26.574	0
"2011-04-04	18:00:00"	6.4517	2.9337	59.785	13.55	569.01	26.565	0
"2011-04-04	19:00:00"	5.3102	18.444	60.035	13.136	341.89	26.553	0
"2011-04-04	20:00:00"	3.2479	55.366	59.256	13.111	118.77	26.556	0
"2011-04-04	21:00:00"	3.9494	89.974	53.944	15.572	2.3992	26.55	0
"2011-04-04	22:00:00"	4.6914	83.998	47.741	18.917	0.08416	26.562	0
"2011-04-04	23:00:00"	5.7787	103.34	47.865	19.026	0.06656	26.553	0
"2011-04-05	00:00:00"	6.8357	128.3	47.347	19.751	0.07674	26.556	0
"2011-04-05	01:00:00"	6.3694	135.7	45.581	21.784	0.0613	26.559	0
"2011-04-05	02:00:00"	5.5936	147.14	43.883	23.044	0.07207	26.547	0
"2011-04-05	03:00:00"	4.0246	205.74	39.9	25.986	0.08691	26.512	0
"2011-04-05	04:00:00"	4.9405	219.21	37.08	28.621	0.08013	26.503	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-05	05:00:00"	4.4229	222.26	38.361	27.575	0.07631	26.5	0
"2011-04-05	06:00:00"	5.1338	219.89	37.778	27.54	0.07546	26.503	0
"2011-04-05	07:00:00"	3.7226	220.27	37.543	27.967	0.07229	26.5	0
"2011-04-05	08:00:00"	4.0395	207.48	38.692	27.52	14.443	26.506	0
"2011-04-05	09:00:00"	9.1758	190.79	45.557	21.576	162.63	26.512	0
"2011-04-05	10:00:00"	13.317	196.85	52.952	18.048	385.93	26.518	0
"2011-04-05	11:00:00"	12.311	204.74	58.483	17.26	604.15	26.518	0
"2011-04-05	12:00:00"	12.591	207.36	63.474	15.812	786.22	26.506	0
"2011-04-05	13:00:00"	10.46	216.32	68.077	13.224	915.73	26.48	0
"2011-04-05	14:00:00"	10.179	218.85	72.938	10.023	980.3	26.444	0
"2011-04-05	15:00:00"	11.309	218.23	76.653	8.7903	971.94	26.415	0
"2011-04-05	16:00:00"	12.156	215.16	78.969	8.5564	894.48	26.379	0
"2011-04-05	17:00:00"	11.794	205.33	80.989	8.0083	753.95	26.347	0
"2011-04-05	18:00:00"	13.227	202.94	81.542	8.022	560.6	26.329	0
"2011-04-05	19:00:00"	11.388	189.06	81.015	8.4795	257.46	26.305	0
"2011-04-05	20:00:00"	10.675	189.21	81.47	8.5425	141.56	26.294	0
"2011-04-05	21:00:00"	6.8077	194.56	74.272	9.595	2.0929	26.291	0
"2011-04-05	22:00:00"	10.433	180.18	69.682	13.294	0.06508	26.314	0
"2011-04-05	23:00:00"	11.245	189.16	67.109	15.667	0.06126	26.32	0
"2011-04-06	00:00:00"	9.5567	195.96	63.647	17.901	0.06275	26.308	0
"2011-04-06	01:00:00"	13.64	191.94	62.213	19.999	0.05702	26.308	0
"2011-04-06	02:00:00"	13.31	202.07	60.963	21.876	0.06253	26.311	0
"2011-04-06	03:00:00"	11.369	196.69	59.468	24.205	0.06423	0	0
"2011-04-06	04:00:00"	6.0335	214.53	56.023	27.366	0.0797	26.296	0
"2011-04-06	05:00:00"	5.7254	222.04	53.034	31.126	0.06275	26.294	0
"2011-04-06	06:00:00"	5.1909	224.55	51.729	32.468	0.085	26.299	0
"2011-04-06	07:00:00"	4.6553	231.59	49.958	34.555	0.06614	26.314	0
"2011-04-06	08:00:00"	4.3527	231.45	49.371	35.46	8.3776	26.329	0
"2011-04-06	09:00:00"	6.0577	219.88	57.083	27.543	134.45	26.35	0
"2011-04-06	10:00:00"	10.527	231.1	67.435	18.43	320.19	26.37	0
"2011-04-06	11:00:00"	14.617	251.91	78.352	12.683	602.69	26.382	0
"2011-04-06	12:00:00"	19.959	266.15	83.616	10.053	775.03	26.379	0
"2011-04-06	13:00:00"	22.43	271.83	85.674	8.6347	824.37	26.361	0
"2011-04-06	14:00:00"	20.947	267.81	87.684	8.2617	973.6	26.335	0
"2011-04-06	15:00:00"	18.05	266.06	89.64	7.942	964.77	26.308	0
"2011-04-06	16:00:00"	17.715	259.42	90.634	7.9014	885.92	26.282	0
"2011-04-06	17:00:00"	16.743	254.4	90.899	7.575	737.1	26.255	0
"2011-04-06	18:00:00"	14.816	254.99	89.095	7.6933	287.17	26.249	0
"2011-04-06	19:00:00"	12.799	260.32	88.095	7.8975	178.48	26.252	0
"2011-04-06	20:00:00"	11.042	251.48	86.191	8.5422	46.587	26.258	0
"2011-04-06	21:00:00"	5.8297	260.78	81.558	9.9883	1.7948	26.258	0
"2011-04-06	22:00:00"	3.3082	265.85	77.264	11.405	0.07674	26.267	0
"2011-04-06	23:00:00"	2.9366	245.77	74.085	12.695	0.06762	26.288	0
"2011-04-07	00:00:00"	7.1774	220.02	77.234	12.226	0.05851	26.305	0
"2011-04-07	01:00:00"	5.6625	298.47	74.328	14.778	0.07017	26.288	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-07	02:00:00"	4.5404	315.68	70.855	18.061	0.0619	26.288	0
"2011-04-07	03:00:00"	3.013	170.66	66.835	21.458	0.05299	26.288	0
"2011-04-07	04:00:00"	4.6224	9.7559	65.715	24.14	0.07631	26.294	0
"2011-04-07	05:00:00"	6.1503	347.29	65.465	32.353	0.05363	26.308	0
"2011-04-07	06:00:00"	5.7819	333.33	64.815	34.045	0.06359	26.314	0
"2011-04-07	07:00:00"	3.5735	296.37	64.065	34.569	0.06656	26.305	0
"2011-04-07	08:00:00"	2.6837	272.33	63.944	34.54	4.3844	26.326	0
"2011-04-07	09:00:00"	6.7804	271.17	65.794	31.037	123.15	26.341	0
"2011-04-07	10:00:00"	13.179	271.36	70.649	24.193	378.83	26.341	0
"2011-04-07	11:00:00"	14.098	255.33	73.721	21.086	596.13	26.338	0
"2011-04-07	12:00:00"	18.49	257.57	75.53	18.295	778.87	26.326	0
"2011-04-07	13:00:00"	17.663	251.33	77.266	17.098	906.18	26.302	0
"2011-04-07	14:00:00"	18.593	243.2	78.489	15.517	973.78	26.282	0
"2011-04-07	15:00:00"	19.366	239.48	79.901	13.756	944.49	26.258	0
"2011-04-07	16:00:00"	20.698	243.4	80.582	12.318	885.32	26.237	0
"2011-04-07	17:00:00"	20.014	246.85	81.772	10.851	747.07	26.22	0
"2011-04-07	18:00:00"	20.052	239.33	81.965	10.684	556.73	26.214	0
"2011-04-07	19:00:00"	18.585	248.81	81.435	10.827	333.58	26.217	0
"2011-04-07	20:00:00"	16.812	257.66	79.419	11.773	119.08	26.22	0
"2011-04-07	21:00:00"	8.4363	256.94	75.338	13.732	3.9753	26.232	0
"2011-04-07	22:00:00"	2.8888	297.43	70.507	16.434	0.08564	26.232	0
"2011-04-07	23:00:00"	5.2518	327.74	68.433	17.997	0.04918	26.237	0
"2011-04-08	00:00:00"	3.9277	65.631	63.524	20.906	0.07377	26.24	0
"2011-04-08	01:00:00"	4.0774	55.407	60.298	23.29	0.08585	26.234	0
"2011-04-08	02:00:00"	1.9996	104.2	62.795	22.009	0.06317	26.249	0
"2011-04-08	03:00:00"	2.9956	170.06	61.102	23.189	0.05702	26.264	0
"2011-04-08	04:00:00"	3.1062	132.59	59.911	24.119	0.07313	26.243	0
"2011-04-08	05:00:00"	2.1854	49.178	60.414	23.791	0.08204	26.237	0
"2011-04-08	06:00:00"	3.256	349.81	60.168	23.972	0.08416	26.246	0
"2011-04-08	07:00:00"	4.3347	342.09	55.196	27.915	0.07652	26.252	0
"2011-04-08	08:00:00"	4.0495	20.224	53.422	30.012	14.609	26.267	0
"2011-04-08	09:00:00"	2.5899	292.8	56.616	27.924	159.93	26.288	0
"2011-04-08	10:00:00"	3.9675	263.03	68.383	19.113	381.63	26.294	0
"2011-04-08	11:00:00"	5.6545	246.61	74.624	16.647	600.39	26.296	0
"2011-04-08	12:00:00"	10.878	248.12	78.499	14.645	783.6	26.299	0
"2011-04-08	13:00:00"	14.976	239.2	80.16	14.441	912.97	26.285	0
"2011-04-08	14:00:00"	17.057	223.82	81.947	12.649	979.6	26.267	0
"2011-04-08	15:00:00"	16.283	223.52	83.633	10.951	969.62	26.252	0
"2011-04-08	16:00:00"	16.283	222.74	84.996	9.2661	893.02	26.229	0
"2011-04-08	17:00:00"	14.514	219.81	86.494	8.1367	753.49	26.211	0
"2011-04-08	18:00:00"	15.397	216.68	87.4	6.9861	563.81	26.202	0
"2011-04-08	19:00:00"	15.143	225.33	86.883	6.2628	344.46	26.202	0
"2011-04-08	20:00:00"	11.351	213.64	85.158	7.1072	124.79	26.202	0
"2011-04-08	21:00:00"	5.4985	193.95	77.536	9.0636	4.5796	26.199	0
"2011-04-08	22:00:00"	5.4904	144.22	73.295	10.848	0.03688	26.205	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-08	23:00:00"	5.8167	116.17	71.984	11.491	0.06805	26.202	0
"2011-04-09	00:00:00"	6.4417	99.782	68.872	12.62	0.07059	26.217	0
"2011-04-09	01:00:00"	12.75	158.89	74.573	17.311	0.06699	26.22	0
"2011-04-09	02:00:00"	7.6938	188.65	73.386	24.535	0.0619	26.232	0
"2011-04-09	03:00:00"	8.1424	193.77	70.543	29.07	0.04388	26.226	0
"2011-04-09	04:00:00"	9.8369	175.5	68.817	34.409	0.0672	26.217	0
"2011-04-09	05:00:00"	6.7444	174.01	64.481	42.098	0.0655	26.22	0
"2011-04-09	06:00:00"	7.2253	171.24	62.546	46.264	0.0655	26.226	0
"2011-04-09	07:00:00"	6.7058	171.6	61.459	49.281	0.07737	26.24	0
"2011-04-09	08:00:00"	4.0805	191.35	59.911	53.164	20.396	26.255	0
"2011-04-09	09:00:00"	6.5281	192.4	63.349	50.419	91.041	26.273	0
"2011-04-09	10:00:00"	11.329	193.52	68.39	44.674	203.78	26.276	0
"2011-04-09	11:00:00"	14.672	191.61	73.776	33.249	500.07	26.285	0
"2011-04-09	12:00:00"	18.401	204.05	80.36	19.404	776.39	26.279	0
"2011-04-09	13:00:00"	20.591	204.3	83.024	14.27	846.44	26.252	0
"2011-04-09	14:00:00"	23.823	212.59	86.461	10.516	981.84	26.229	0
"2011-04-09	15:00:00"	23.05	212.2	89.056	8.8564	970.2	26.193	0
"2011-04-09	16:00:00"	24.455	217.05	90.562	7.5519	883.23	26.172	0
"2011-04-09	17:00:00"	26.637	217.19	90.489	7.9303	737.92	26.152	0
"2011-04-09	18:00:00"	24.209	211.05	90.518	8.5058	528.82	26.14	0
"2011-04-09	19:00:00"	23.139	210.18	89.924	8.7758	287.66	26.125	0
"2011-04-09	20:00:00"	21.436	204.96	88.18	9.4964	78.802	26.119	0
"2011-04-09	21:00:00"	15.647	196.03	85.8	10.147	2.2917	26.116	0
"2011-04-09	22:00:00"	12.468	216.28	83.318	10.555	0.05745	26.167	0
"2011-04-09	23:00:00"	9.6747	202.43	80.952	10.886	0.06487	26.217	0
"2011-04-10	00:00:00"	14.318	210.7	82.313	9.6239	0.0443	26.232	0
"2011-04-10	01:00:00"	9.1149	247.13	78.07	11.687	0.06529	26.243	0
"2011-04-10	02:00:00"	9.0192	300.07	72.614	18.514	0.06932	26.249	0
"2011-04-10	03:00:00"	10.18	307.36	69.538	21.039	0.05872	26.252	0
"2011-04-10	04:00:00"	10.154	310.63	66.352	23.676	0.06296	26.258	0
"2011-04-10	05:00:00"	8.5991	307.02	63.658	25.851	0.08649	26.27	0
"2011-04-10	06:00:00"	9.0888	307.9	61.469	27.708	0.07483	26.282	0
"2011-04-10	07:00:00"	9.5772	307.99	59.916	29.181	0.09666	26.299	0
"2011-04-10	08:00:00"	7.9535	331.69	55.825	32.213	12.702	26.326	0
"2011-04-10	09:00:00"	12.834	343.98	52.726	33.361	101.55	26.341	0
"2011-04-10	10:00:00"	12.761	349.37	54.374	31.175	354.98	26.356	0
"2011-04-10	11:00:00"	10.535	339.31	59.476	26.644	608.48	26.37	0
"2011-04-10	12:00:00"	8.5836	311.46	64.289	23.527	785.54	26.367	0
"2011-04-10	13:00:00"	9.7276	285.07	68.306	22.013	912.29	26.356	0
"2011-04-10	14:00:00"	10.637	263.93	70.741	21.057	974.72	26.332	0
"2011-04-10	15:00:00"	12.252	257.95	73.468	18.707	972.66	26.314	0
"2011-04-10	16:00:00"	14.528	250.92	76.099	17.274	894.48	26.294	0
"2011-04-10	17:00:00"	14.917	248.22	77.35	16.239	750.63	26.273	0
"2011-04-10	18:00:00"	16.855	250.12	78.096	14.355	555.07	26.276	0
"2011-04-10	19:00:00"	19.444	294.8	74.479	16.616	326.52	26.311	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-10	20:00:00"	19.189	289.61	69.997	18.55	116.69	26.347	0
"2011-04-10	21:00:00"	15.636	282.46	66.732	19.093	5.0307	26.376	0
"2011-04-10	22:00:00"	11.975	273.17	63.966	20.899	0.05999	26.426	0
"2011-04-10	23:00:00"	10.808	308.58	61.415	17.461	0.06762	26.453	0
"2011-04-11	00:00:00"	11.157	315.92	57.597	13.474	0.0619	26.462	0
"2011-04-11	01:00:00"	11.101	309.55	54.285	14.072	0.08352	26.468	0
"2011-04-11	02:00:00"	10.313	306.79	51.962	14.661	0.0744	26.468	0
"2011-04-11	03:00:00"	10.616	309.28	50.233	15.172	0.06402	26.483	0
"2011-04-11	04:00:00"	11.68	303.4	51.046	16.793	0.06953	26.509	0
"2011-04-11	05:00:00"	10.229	301.25	50.746	18.571	0.05914	26.539	0
"2011-04-11	06:00:00"	10.351	329.92	49.593	20.677	0.08373	26.562	0
"2011-04-11	07:00:00"	10.103	349.36	48.468	24.054	0.07568	26.592	0
"2011-04-11	08:00:00"	12.275	357.73	48.268	29.376	24.743	26.624	0
"2011-04-11	09:00:00"	13.268	7.8388	50.324	32.024	187.93	26.645	0
"2011-04-11	10:00:00"	17.4	20.304	53.906	32.17	414.73	26.663	0
"2011-04-11	11:00:00"	16.997	30.966	57.577	28.328	635.75	26.677	0
"2011-04-11	12:00:00"	14.575	27.38	61.182	23.461	817.44	26.692	0
"2011-04-11	13:00:00"	10.362	26.147	63.467	19.866	944.4	26.695	0
"2011-04-11	14:00:00"	9.6182	351.39	65.584	16.883	1005.9	26.657	0
"2011-04-11	15:00:00"	8.5016	4.6029	67.597	15.539	995.38	26.636	0
"2011-04-11	16:00:00"	8.0921	359.93	69.163	14.123	911.42	26.624	0
"2011-04-11	17:00:00"	7.014	19.58	70.393	12.877	766.82	26.604	0
"2011-04-11	18:00:00"	5.1549	342.49	71.114	12.167	580.25	26.589	0
"2011-04-11	19:00:00"	5.0244	51.112	70.863	12.039	354.5	26.583	0
"2011-04-11	20:00:00"	3.2641	67.279	69.865	11.985	137.06	26.583	0
"2011-04-11	21:00:00"	3.4045	76.588	65.2	13.857	7.008	26.601	0
"2011-04-11	22:00:00"	4.9778	89.921	60.84	15.866	0.08628	26.609	0
"2011-04-11	23:00:00"	5.4171	88.419	56.371	18.186	0.06593	26.609	0
"2011-04-12	00:00:00"	6.8991	111.23	56.098	19.152	0.07313	26.607	0
"2011-04-12	01:00:00"	7.1985	111.69	54.562	20.727	0.08202	26.601	0
"2011-04-12	02:00:00"	6.5573	118.01	52.751	23.076	0.08055	26.586	0
"2011-04-12	03:00:00"	7.1843	111.9	52.683	23.57	0.06253	26.571	0
"2011-04-12	04:00:00"	7.2079	115.67	51.308	24.795	0.08479	26.562	0
"2011-04-12	05:00:00"	7.8603	121.16	51.027	25.578	0.06805	26.559	0
"2011-04-12	06:00:00"	7.9591	127.32	50.246	27.119	0.05024	26.562	0
"2011-04-12	07:00:00"	8.3034	143.62	49.71	29.506	0.07038	26.565	0
"2011-04-12	08:00:00"	7.8833	149.47	49.628	31.282	21.27	26.568	0
"2011-04-12	09:00:00"	8.9011	161.09	54.249	27.768	177.48	26.577	0
"2011-04-12	10:00:00"	15.555	170.42	61.854	22.83	393.13	26.565	0
"2011-04-12	11:00:00"	20.452	170.7	66.542	20.04	610.61	26.547	0
"2011-04-12	12:00:00"	21.092	169.94	68.828	18.287	802.7	26.536	0
"2011-04-12	13:00:00"	19.988	168.03	71.353	16.076	881.06	26.518	0
"2011-04-12	14:00:00"	17.217	182.19	74.075	13.999	952.99	26.477	0
"2011-04-12	15:00:00"	17.188	178.07	76.16	12.673	958.14	26.435	0
"2011-04-12	16:00:00"	16.218	180.36	77.909	11.773	882.23	26.412	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-12	17:00:00"	14.218	184.5	79.2	10.915	743.78	26.382	0
"2011-04-12	18:00:00"	13.829	183.34	79.683	11.127	553.38	26.37	0
"2011-04-12	19:00:00"	12.162	175.27	79.456	11.748	318.93	26.367	0
"2011-04-12	20:00:00"	11.681	162.12	77.415	13.146	108.5	26.364	0
"2011-04-12	21:00:00"	10.883	157.56	72.475	16.501	4.0916	26.367	0
"2011-04-12	22:00:00"	10.305	153.4	68.83	19.415	0.05511	26.388	0
"2011-04-12	23:00:00"	8.7911	151.2	65.409	21.584	0.06465	26.388	0
"2011-04-13	00:00:00"	7.7075	154.6	62.664	23.586	0.07716	26.376	0
"2011-04-13	01:00:00"	6.8021	157.49	60.26	25.909	0.06635	26.373	0
"2011-04-13	02:00:00"	5.0586	171.78	56.913	29.16	0.08246	26.367	0
"2011-04-13	03:00:00"	5.0424	194.33	55.817	30.881	0.06317	26.356	0
"2011-04-13	04:00:00"	4.8448	205.27	55.444	31.685	0.07525	26.347	0
"2011-04-13	05:00:00"	3.7251	231.6	53.866	33.721	0.06868	26.347	0
"2011-04-13	06:00:00"	4.669	246.07	54.624	33.345	0.07504	26.356	0
"2011-04-13	07:00:00"	5.0921	241.59	53.831	34.342	0.08182	26.361	0
"2011-04-13	08:00:00"	4.7628	229.14	51.832	36.87	24.904	26.379	0
"2011-04-13	09:00:00"	8.1536	214.35	55.82	33.349	197.82	26.397	0
"2011-04-13	10:00:00"	10.17	222.35	62.184	27.003	389.95	26.406	0
"2011-04-13	11:00:00"	9.3765	240.99	67.673	21.579	569.15	26.42	0
"2011-04-13	12:00:00"	6.7456	273.28	74.57	14.646	746.26	26.415	0
"2011-04-13	13:00:00"	6.3069	305.36	79.864	9.222	764.5	26.4	0
"2011-04-13	14:00:00"	8.1592	280.69	82.119	7.5892	814.58	26.37	0
"2011-04-13	15:00:00"	9.5716	251.94	83.478	6.4608	675.63	26.353	0
"2011-04-13	16:00:00"	12.359	253.12	83.93	6.0614	731.29	26.335	0
"2011-04-13	17:00:00"	11.25	259.17	83.541	6.1381	577.45	26.314	0
"2011-04-13	18:00:00"	10.092	244.56	82.912	6.7953	376.98	26.296	0
"2011-04-13	19:00:00"	12.746	224.25	82.333	6.89	205.95	26.288	0
"2011-04-13	20:00:00"	11.727	226.34	80.087	6.7969	80.503	26.291	0
"2011-04-13	21:00:00"	10.327	221.85	76.232	7.6814	11.17	26.296	0
"2011-04-13	22:00:00"	8.4401	226.55	71.815	8.3458	0.05639	26.308	0
"2011-04-13	23:00:00"	5.2176	229.07	65.227	10.45	0.05829	26.308	0
"2011-04-14	00:00:00"	3.6816	224.46	61.112	12.96	0.05554	26.305	0
"2011-04-14	01:00:00"	6.4667	209.85	61.706	13.495	0.07547	26.294	0
"2011-04-14	02:00:00"	4.5323	223.92	57.658	15.296	0.05681	26.291	0
"2011-04-14	03:00:00"	4.5752	246.93	56.963	15.476	0.0655	26.282	0
"2011-04-14	04:00:00"	4.9026	242.49	55.324	16.08	0.08225	26.27	0
"2011-04-14	05:00:00"	4.5752	256.23	53.892	16.5	0.06105	26.273	0
"2011-04-14	06:00:00"	4.2204	250.57	53.138	16.411	0.06762	26.27	0
"2011-04-14	07:00:00"	3.4797	261.66	52.312	17.325	0.05257	26.279	0
"2011-04-14	08:00:00"	3.891	258.5	52.973	17.639	27.329	26.291	0
"2011-04-14	09:00:00"	7.9374	244.7	59.321	15.465	198	26.299	0
"2011-04-14	10:00:00"	15	259	68.739	11.481	425.26	26.296	0
"2011-04-14	11:00:00"	22.307	268.53	72.411	8.7692	642.71	26.308	0
"2011-04-14	12:00:00"	22.591	261	73.979	7.4667	823.23	26.282	0
"2011-04-14	13:00:00"	21.041	257.04	76.099	6.16	947.44	26.267	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-14	14:00:00"	19.915	263.27	77.405	5.5747	1005.9	26.24	0
"2011-04-14	15:00:00"	19.32	263.9	79.091	5.9586	990.41	26.223	0
"2011-04-14	16:00:00"	18.727	261.26	80.282	5.8083	912.39	26.199	0
"2011-04-14	17:00:00"	18.317	284.57	82.085	4.4992	763.18	26.196	0
"2011-04-14	18:00:00"	19.732	296.83	80.776	3.8028	566.48	26.205	0
"2011-04-14	19:00:00"	17.961	309.52	79.046	3.99	342.72	26.217	0
"2011-04-14	20:00:00"	16.495	324.19	75.702	4.1822	123.88	26.229	0
"2011-04-14	21:00:00"	10.904	324.05	70.642	5.8819	5.8723	26.255	0
"2011-04-14	22:00:00"	7.6491	322.17	65.655	7.7233	0.06444	26.282	0
"2011-04-14	23:00:00"	8.6271	331.46	61.643	9.8803	0.05617	26.308	0
"2011-04-15	00:00:00"	10.586	332.34	63.781	9.2736	0.06359	26.326	0
"2011-04-15	01:00:00"	11.489	333.2	60.193	9.4706	0.06063	26.358	0
"2011-04-15	02:00:00"	12.334	325.17	59.081	8.3733	0.06911	26.37	0
"2011-04-15	03:00:00"	10.944	314.77	57.627	8.7731	0.07822	26.376	0
"2011-04-15	04:00:00"	10.64	313.93	55.986	9.9425	0.07737	26.379	0
"2011-04-15	05:00:00"	8.5755	323.45	53.441	11.452	0.07059	26.4	0
"2011-04-15	06:00:00"	5.1549	332.86	48.537	13.968	0.06571	26.423	0
"2011-04-15	07:00:00"	4.0507	353.34	45.492	16.24	0.07059	26.444	0
"2011-04-15	08:00:00"	7.2856	0.56425	46.546	16.108	28.065	26.483	0
"2011-04-15	09:00:00"	7.477	14.941	49.887	19.721	196.69	26.515	0
"2011-04-15	10:00:00"	10.225	37.326	54.413	33.665	423.28	26.545	0
"2011-04-15	11:00:00"	11.711	12.838	56.661	32.893	641.52	26.559	0
"2011-04-15	12:00:00"	9.5511	3.6854	59.52	26.097	825.25	26.562	0
"2011-04-15	13:00:00"	8.4165	11.098	62.059	20.056	952.32	26.556	0
"2011-04-15	14:00:00"	6.351	333.17	64.325	16.253	1005.5	26.533	0
"2011-04-15	15:00:00"	6.6772	302.51	66.285	13.81	998.92	26.515	0
"2011-04-15	16:00:00"	5.9937	317.1	68.139	12.427	918.26	26.5	0
"2011-04-15	17:00:00"	6.6891	265.91	69.602	11.385	778.78	26.483	0
"2011-04-15	18:00:00"	5.2295	292.39	70.549	11.065	582.36	26.471	0
"2011-04-15	19:00:00"	3.3299	284.17	71.335	10.666	357.02	26.462	0
"2011-04-15	20:00:00"	3.0516	114.34	69.49	11.38	117.36	26.453	0
"2011-04-15	21:00:00"	5.5426	121.52	63.133	13.99	5.5693	26.456	0
"2011-04-15	22:00:00"	6.3305	124.81	59.523	15.455	0.05236	26.471	0
"2011-04-15	23:00:00"	6.2671	133.78	57.358	16.546	0.06571	26.483	0
"2011-04-16	00:00:00"	7.0103	136.57	56.041	17.302	0.07907	26.483	0
"2011-04-16	01:00:00"	6.6114	137.82	53.867	18.226	0.0797	26.48	0
"2011-04-16	02:00:00"	6.0863	132	51.898	18.819	0.092	26.483	0
"2011-04-16	03:00:00"	6.6381	119.3	50.96	18.94	0.07207	26.474	0
"2011-04-16	04:00:00"	7.8199	130.55	49.993	19.103	0.06677	26.471	0
"2011-04-16	05:00:00"	7.1383	114.5	47.567	20.352	0.07377	26.474	0
"2011-04-16	06:00:00"	7.5242	110.92	44.776	22.176	0.06423	26.477	0
"2011-04-16	07:00:00"	7.0992	100.81	43.22	22.55	0.05575	26.488	0
"2011-04-16	08:00:00"	7.549	93.461	40.906	24.571	24.658	26.491	0
"2011-04-16	09:00:00"	12.158	111.67	46.816	20.21	172.55	0.26488	0
"2011-04-16	10:00:00"	14.823	130.23	52.876	15.925	383.32	26.518	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-16	11:00:00"	14.534	155.55	59.606	12.582	596.14	26.512	0
"2011-04-16	12:00:00"	14.782	170.52	65.328	10.821	773.49	26.494	0
"2011-04-16	13:00:00"	14.063	181.78	68.996	9.8883	903.18	26.474	0
"2011-04-16	14:00:00"	11.08	185.42	72.634	8.6336	975.94	26.444	0
"2011-04-16	15:00:00"	9.251	193.53	75.664	7.0167	973.46	26.412	0
"2011-04-16	16:00:00"	8.816	197.49	77.379	6.1633	882.13	26.382	0
"2011-04-16	17:00:00"	9.2149	184.91	79.026	5.7208	727.47	26.353	0
"2011-04-16	18:00:00"	10.426	196.11	79.995	5.1489	536.88	26.338	0
"2011-04-16	19:00:00"	10.223	190.05	79.755	5.5261	292.3	26.329	0
"2011-04-16	20:00:00"	11.183	177.1	77.417	7.7117	97.34	26.326	0
"2011-04-16	21:00:00"	9.3951	161.96	71.31	10.284	4.5217	26.326	0
"2011-04-16	22:00:00"	9.195	163.68	67.107	12.364	0.085	26.344	0
"2011-04-16	23:00:00"	11.087	167.93	65.235	14.329	0.06677	26.344	0
"2011-04-17	00:00:00"	8.524	171.18	62.276	16.614	0.05384	26.338	0
"2011-04-17	01:00:00"	8.6545	174.46	61.452	20.079	0.07101	26.338	0
"2011-04-17	02:00:00"	8.7713	181.99	60.749	24.122	0.06338	26.332	0
"2011-04-17	03:00:00"	4.7491	198.63	57.234	29.181	0.046	26.311	0
"2011-04-17	04:00:00"	6.2864	199.13	55.184	33.008	0.06041	26.296	0
"2011-04-17	05:00:00"	6.0907	203.36	53.943	36.026	0.07356	26.285	0
"2011-04-17	06:00:00"	5.8483	213.65	53.069	38.742	0.07674	26.282	0
"2011-04-17	07:00:00"	5.5606	214.43	49.856	45.13	0.06677	26.282	0
"2011-04-17	08:00:00"	5.1195	222.38	48.363	49.245	26.832	26.291	0
"2011-04-17	09:00:00"	9.4069	210.28	53.917	43.632	196.55	26.305	0
"2011-04-17	10:00:00"	12.498	209.34	61.616	33.329	425.3	26.314	0
"2011-04-17	11:00:00"	11.82	221.11	67.983	24.266	645.18	26.314	0
"2011-04-17	12:00:00"	11.713	243.7	76.365	14.225	824.96	26.311	0
"2011-04-17	13:00:00"	9.858	254.75	82.995	8.0047	874.86	26.288	0
"2011-04-17	14:00:00"	11.397	284.37	87.452	6.7614	1000.5	26.264	0
"2011-04-17	15:00:00"	13.182	267.13	87.951	6.9217	723.91	26.249	0
"2011-04-17	16:00:00"	12.672	267.5	88.461	6.5617	672.32	26.214	0
"2011-04-17	17:00:00"	12.742	267.43	89.743	6.0453	681.31	26.184	0
"2011-04-17	18:00:00"	17.425	251.99	90.573	5.2889	484.69	26.181	0
"2011-04-17	19:00:00"	16.603	253.68	88.228	5.7294	208.48	26.175	0
"2011-04-17	20:00:00"	14.016	247.94	87.889	6.4906	135.46	26.175	0
"2011-04-17	21:00:00"	10.122	238.78	83.232	7.4286	5.4697	26.184	0
"2011-04-17	22:00:00"	4.5646	235.2	75.125	9.7406	0.06423	26.205	0
"2011-04-17	23:00:00"	3.3163	225.86	70.751	11.804	0.05702	26.22	0
"2011-04-18	00:00:00"	2.9683	224.81	67.257	13.044	0.04685	26.22	0
"2011-04-18	01:00:00"	2.7179	232.74	64.547	14.105	0.06381	26.223	0
"2011-04-18	02:00:00"	3.7469	229.36	63.703	14.419	0.05723	26.223	0
"2011-04-18	03:00:00"	3.1522	229.23	62.387	15.338	0.04346	26.22	0
"2011-04-18	04:00:00"	4.4416	274.56	64.494	14.795	0.06381	26.226	0
"2011-04-18	05:00:00"	7.134	289.98	65.594	14.991	0.05299	26.22	0
"2011-04-18	06:00:00"	7.8467	292.6	65.768	15.61	0.06593	26.22	0
"2011-04-18	07:00:00"	7.1793	298.36	64.58	16.537	0.05787	26.232	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-18	08:00:00"	6.1012	296.52	62.624	17.647	31.394	26.255	0
"2011-04-18	09:00:00"	5.8403	276.3	65.279	16.614	202.74	26.282	0
"2011-04-18	10:00:00"	10.006	268.06	73.44	13.014	431.2	26.296	0
"2011-04-18	11:00:00"	11.782	271.84	79.585	10.868	651.29	26.302	0
"2011-04-18	12:00:00"	11.727	270.38	83.597	9.5689	834.75	26.294	0
"2011-04-18	13:00:00"	14.1	254.39	85.801	8.3514	961.27	26.273	0
"2011-04-18	14:00:00"	16.169	252.98	87.202	7.4456	1018.6	26.243	0
"2011-04-18	15:00:00"	17.571	247.27	88.229	6.6306	1006	26.223	0
"2011-04-18	16:00:00"	19.83	242.36	88.774	6.7386	921.62	26.196	0
"2011-04-18	17:00:00"	22.564	234.38	88.924	5.7703	775.18	26.169	0
"2011-04-18	18:00:00"	22.726	235.9	88.667	5.3311	583.28	26.155	0
"2011-04-18	19:00:00"	20.981	242.47	88.038	5.4069	357.29	26.149	0
"2011-04-18	20:00:00"	19.612	236.4	86.045	5.6536	134.75	26.149	0
"2011-04-18	21:00:00"	14.41	234.61	82.186	6.175	7.7002	26.161	0
"2011-04-18	22:00:00"	8.5302	232.34	77.207	7.2208	0.05596	26.178	0
"2011-04-18	23:00:00"	5.1363	219.58	70.578	8.9928	0.06211	26.178	0
"2011-04-19	00:00:00"	4.2757	229.28	66.88	10.152	0.06402	26.172	0
"2011-04-19	01:00:00"	4.0482	241.97	65.562	10.662	0.0594	26.172	0
"2011-04-19	02:00:00"	3.0503	240.64	64.175	11.491	0.08755	26.169	0
"2011-04-19	03:00:00"	4.1495	198.73	59.219	13.849	0.06444	26.178	0
"2011-04-19	04:00:00"	6.0323	219.39	59.125	14.233	0.06317	26.187	0
"2011-04-19	05:00:00"	5.4308	235.87	58.624	15.248	0.07758	26.187	0
"2011-04-19	06:00:00"	3.0783	223.1	56.295	17.214	0.05088	26.193	0
"2011-04-19	07:00:00"	3.6021	238.47	55.389	18.796	0.05215	26.205	0
"2011-04-19	08:00:00"	4.4689	244.55	56.731	19.643	37.518	26.229	0
"2011-04-19	09:00:00"	5.3152	233.6	63.45	17.495	182.45	26.252	0
"2011-04-19	10:00:00"	11.365	256.82	73.049	13.29	436.96	26.273	0
"2011-04-19	11:00:00"	15.39	265.16	78.803	11.458	648.85	26.282	0
"2011-04-19	12:00:00"	14.153	282.97	81.582	10.606	822.96	26.299	0
"2011-04-19	13:00:00"	12.242	286.2	83.554	9.8289	949.53	26.285	0
"2011-04-19	14:00:00"	12.299	285.37	84.856	9.0992	1014.9	26.279	0
"2011-04-19	15:00:00"	11.291	274.44	86.029	8.8275	995	26.273	0
"2011-04-19	16:00:00"	9.7133	267.22	87.301	8.8881	911.9	26.255	0
"2011-04-19	17:00:00"	10.089	264.44	88.102	8.4392	768.46	26.24	0
"2011-04-19	18:00:00"	8.1909	264.48	88.526	8.4489	582.45	26.234	0
"2011-04-19	19:00:00"	9.5865	238.26	87.751	8.3689	355.57	26.237	0
"2011-04-19	20:00:00"	8.7172	242.43	85.733	8.2147	129.17	26.249	0
"2011-04-19	21:00:00"	2.8825	247.65	80.072	10.383	4.356	26.264	0
"2011-04-19	22:00:00"	2.1027	145.93	74.697	12.502	0.06932	26.291	0
"2011-04-19	23:00:00"	2.4886	207.39	73.233	13.213	0.06465	26.308	0
"2011-04-20	00:00:00"	3.8817	243.66	67.769	15.329	0.06571	26.317	0
"2011-04-20	01:00:00"	3.7202	274.05	67.021	15.819	0.05957	26.32	0
"2011-04-20	02:00:00"	2.6241	286.18	65.649	16.65	0.05957	26.317	0
"2011-04-20	03:00:00"	2.4395	303.41	67.064	15.355	0.06169	26.32	0
"2011-04-20	04:00:00"	3.0472	245.39	60.663	19.066	0.07589	26.332	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-20	05:00:00"	3.2678	272.49	62.619	17.382	0.07483	26.329	0
"2011-04-20	06:00:00"	3.2784	279.17	64.472	15.717	0.08734	26.329	0
"2011-04-20	07:00:00"	2.3649	162.5	63.227	15.945	0.06571	26.344	0
"2011-04-20	08:00:00"	9.2429	52.608	59.394	29.753	22.186	26.385	0
"2011-04-20	09:00:00"	11.726	75.679	57.335	46.397	199.79	26.406	0
"2011-04-20	10:00:00"	12.814	79.179	60.956	46.356	435.41	26.426	0
"2011-04-20	11:00:00"	10.61	82.406	64.623	40.65	649.12	26.441	0
"2011-04-20	12:00:00"	9.351	72.595	69.377	33.265	826.05	26.459	0
"2011-04-20	13:00:00"	9.1808	55.672	72.867	27.765	942.39	26.45	0
"2011-04-20	14:00:00"	7.9013	66.424	77.139	22.399	994.82	26.441	0
"2011-04-20	15:00:00"	7.3906	64.59	79.913	19.184	987.88	26.423	0
"2011-04-20	16:00:00"	7.8852	73.56	82.339	16.887	904.84	26.403	0
"2011-04-20	17:00:00"	8.5519	76.629	83.578	15.853	756.67	26.379	0
"2011-04-20	18:00:00"	10.393	63.972	84.116	16.015	565.68	26.361	0
"2011-04-20	19:00:00"	11.601	76.303	82.677	16.869	347.08	26.356	0
"2011-04-20	20:00:00"	12.488	78.439	79.532	19.646	123.5	26.367	0
"2011-04-20	21:00:00"	15.122	84.766	74.36	24.387	6.3242	26.391	0
"2011-04-20	22:00:00"	16.768	91.523	69.292	31.049	0.04791	26.42	0
"2011-04-20	23:00:00"	13.332	86.351	65.252	37.915	0.06889	26.423	0
"2011-04-21	00:00:00"	11.166	87.473	61.724	44.064	0.04324	26.423	0
"2011-04-21	01:00:00"	9.7456	83.942	59.139	49.974	0.06805	26.435	0
"2011-04-21	02:00:00"	6.612	67.92	56.883	55.589	0.05088	26.438	0
"2011-04-21	03:00:00"	5.6153	58.532	55.101	59.788	0.04621	26.426	0
"2011-04-21	04:00:00"	8.1263	63.779	54.961	61.08	0.09348	26.409	0
"2011-04-21	05:00:00"	8.5146	71.474	54.098	63.813	0.06041	26.385	0
"2011-04-21	06:00:00"	8.5097	73.084	54.172	64.244	0.06868	26.385	0
"2011-04-21	07:00:00"	7.9436	77.187	54.573	64.134	0.07377	26.385	0
"2011-04-21	08:00:00"	5.7253	75.937	54.019	66.16	31.235	26.394	0
"2011-04-21	09:00:00"	5.4072	102.33	57.308	66.098	159.58	26.4	0
"2011-04-21	10:00:00"	5.8869	161.62	62.434	66.752	219.73	26.409	0
"2011-04-21	11:00:00"	7.9424	189.31	67.957	63.024	470.93	26.4	0
"2011-04-21	12:00:00"	9.5032	206.96	74.24	53.383	802.21	26.394	0
"2011-04-21	13:00:00"	7.6646	234.25	78.463	40.81	842.42	26.376	0
"2011-04-21	14:00:00"	7.4552	232.8	82.626	28.612	906.77	26.35	0
"2011-04-21	15:00:00"	9.2659	231.76	86.645	16.022	862.65	26.323	0
"2011-04-21	16:00:00"	11.02	213.88	89.354	11.171	867.57	26.291	0
"2011-04-21	17:00:00"	16.698	225.15	90.706	9.287	682.88	26.261	0
"2011-04-21	18:00:00"	17.585	228.76	91.027	8.542	585.79	26.24	0
"2011-04-21	19:00:00"	17.16	233.33	90.999	7.6903	364.61	26.234	0
"2011-04-21	20:00:00"	15.684	234.46	89.101	7.9211	148.95	26.232	0
"2011-04-21	21:00:00"	11.325	243.78	84.664	8.7539	11.032	26.24	0
"2011-04-21	22:00:00"	8.409	237.88	79.21	9.7797	0.05702	26.255	0
"2011-04-21	23:00:00"	9.7381	204.18	74.912	20.325	0.05384	26.267	0
"2011-04-22	00:00:00"	13.611	203.97	74.261	52.391	0.0725	26.27	0
"2011-04-22	01:00:00"	8.5842	196.81	70.239	61.791	0.05624	26.27	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-22	02:00:00"	6.4324	191.9	66.324	67.122	0.07504	26.27	0
"2011-04-22	03:00:00"	4.641	207.36	63.285	71.34	0.0708	26.27	0
"2011-04-22	04:00:00"	3.9445	196.16	61.501	75.424	0.06296	26.264	0
"2011-04-22	05:00:00"	3.9581	223.77	60.17	79.576	0.07377	26.27	0
"2011-04-22	06:00:00"	3.6133	229.74	59.301	83.709	0.08543	26.264	0
"2011-04-22	07:00:00"	5.6601	215.03	60.739	84.436	0.1062	26.276	0
"2011-04-22	08:00:00"	7.577	193.63	60.759	86.175	51.297	26.296	0
"2011-04-22	09:00:00"	9.0018	200.84	64.544	73.771	240.84	26.311	0
"2011-04-22	10:00:00"	11.663	215.04	73.082	35.197	470.21	26.305	0
"2011-04-22	11:00:00"	18.426	248.23	80.526	15.719	682.95	26.317	0
"2011-04-22	12:00:00"	18.308	256.76	82.826	11.835	857.25	26.314	0
"2011-04-22	13:00:00"	17.081	253.33	85.107	9.9217	972.45	26.291	0
"2011-04-22	14:00:00"	15.977	256.37	86.974	7.6142	1028.5	26.273	0
"2011-04-22	15:00:00"	17.332	239.52	88.137	6.5531	1014.2	26.255	0
"2011-04-22	16:00:00"	15.734	246.19	89.405	6.7472	923.58	26.234	0
"2011-04-22	17:00:00"	16.043	244.84	89.841	7.2022	773.72	26.211	0
"2011-04-22	18:00:00"	15.594	243.01	90.156	7.2045	577.13	26.202	0
"2011-04-22	19:00:00"	17.757	234.62	88.984	7.1369	353.18	26.199	0
"2011-04-22	20:00:00"	16.95	232.26	86.829	7.4928	137.44	26.205	0
"2011-04-22	21:00:00"	12.377	229.73	82.567	8.5903	8.9462	26.22	0
"2011-04-22	22:00:00"	7.2632	240.22	77.699	10.329	0.06783	26.24	0
"2011-04-22	23:00:00"	6.3423	255.97	74.972	11.459	0.04515	26.246	0
"2011-04-23	00:00:00"	3.5406	242.62	71.296	13.056	0.06084	26.234	0
"2011-04-23	01:00:00"	2.6576	212.59	66.588	15.263	0.0549	26.24	0
"2011-04-23	02:00:00"	2.5787	245.83	64.08	16.417	0.05851	26.237	0
"2011-04-23	03:00:00"	4.1414	201.65	62.942	23.283	0.08034	26.24	0
"2011-04-23	04:00:00"	3.3579	225	61.501	40.429	0.0744	26.246	0
"2011-04-23	05:00:00"	3.1876	233.5	60.169	58.983	0.07017	26.243	0
"2011-04-23	06:00:00"	2.2512	209.3	58.714	80.887	0.07801	26.252	0
"2011-04-23	07:00:00"	2.79	233.1	58.312	84.919	0.23021	26.267	0
"2011-04-23	08:00:00"	2.8446	225.4	61.63	48.401	42.726	26.288	0
"2011-04-23	09:00:00"	3.1143	228.55	62.579	44.712	128.61	26.302	0
"2011-04-23	10:00:00"	3.6375	219.68	67.755	30.944	397.16	26.317	0
"2011-04-23	11:00:00"	7.2669	246.18	77.979	15.655	611.02	26.314	0
"2011-04-23	12:00:00"	9.2025	263.73	84.634	11.219	855.36	26.308	0
"2011-04-23	13:00:00"	12.142	261.27	86.019	10.402	973.76	26.302	0
"2011-04-23	14:00:00"	11.612	254.76	86.955	9.6183	1028.4	26.291	0
"2011-04-23	15:00:00"	9.9587	239.33	87.785	9.1939	1011.7	26.273	0
"2011-04-23	16:00:00"	9.4523	246.14	89.075	8.5481	933.31	26.255	0
"2011-04-23	17:00:00"	8.6072	231.71	89.153	7.683	663.5	26.237	0
"2011-04-23	18:00:00"	7.582	230.29	89.229	7.172	512.28	26.234	0
"2011-04-23	19:00:00"	10.723	234.7	88.221	7.0906	258.59	26.237	0
"2011-04-23	20:00:00"	9.2243	241.91	85.082	8.952	78.867	26.243	0
"2011-04-23	21:00:00"	8.8813	66.625	77.245	19.534	8.5322	26.273	0
"2011-04-23	22:00:00"	9.3697	73.99	73.09	21.701	0.05596	26.302	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-23	23:00:00"	8.0921	71.501	70.037	24.353	0.0549	26.308	0
"2011-04-24	00:00:00"	9.9165	79.212	67.387	27.362	0.0602	26.311	0
"2011-04-24	01:00:00"	10.307	66.725	63.458	31.91	0.06953	26.32	0
"2011-04-24	02:00:00"	10.271	54.774	59.853	36.797	0.06359	26.317	0
"2011-04-24	03:00:00"	10.023	57.808	56.801	41.711	0.07017	26.296	0
"2011-04-24	04:00:00"	10.878	50.529	54.577	47.067	0.07356	26.288	0
"2011-04-24	05:00:00"	9.3734	44.189	52.081	51.364	0.06614	26.294	0
"2011-04-24	06:00:00"	8.4345	38.564	49.875	54.106	0.06805	26.288	0
"2011-04-24	07:00:00"	9.0279	44.609	49.631	52.997	0.1151	26.296	0
"2011-04-24	08:00:00"	9.2895	18.642	49.491	51.649	55.8	26.323	0
"2011-04-24	09:00:00"	8.2965	24.64	54.124	45.414	238.43	26.335	0
"2011-04-24	10:00:00"	7.7354	9.1212	58.739	41.45	489.49	26.341	0
"2011-04-24	11:00:00"	5.1151	9.9337	62.706	40.18	518.05	26.356	0
"2011-04-24	12:00:00"	3.507	354.15	66.977	36.383	801.58	26.344	0
"2011-04-24	13:00:00"	4.7069	301.86	74.117	25.826	967.9	26.326	0
"2011-04-24	14:00:00"	10.259	263.09	79.7	17.187	1016.4	26.302	0
"2011-04-24	15:00:00"	12.263	247.04	82.06	14.883	997.26	26.27	0
"2011-04-24	16:00:00"	17.031	240.91	84.29	11.502	904.63	26.234	0
"2011-04-24	17:00:00"	21.765	235.05	85.41	10.371	762.44	26.205	0
"2011-04-24	18:00:00"	21.038	233.38	85.357	9.3292	567.23	26.196	0
"2011-04-24	19:00:00"	21.574	237.9	83.784	8.885	344.61	26.196	0
"2011-04-24	20:00:00"	20.125	235.78	81.512	9.6308	117.59	26.196	0
"2011-04-24	21:00:00"	13.317	241.18	78.223	10.303	5.3815	26.208	0
"2011-04-24	22:00:00"	3.4082	241.44	71.77	12.661	0.07568	26.217	0
"2011-04-24	23:00:00"	1.7169	239.5	68.824	13.991	0.05151	26.22	0
"2011-04-25	00:00:00"	2.4426	279.45	67.753	14.54	0.07292	26.214	0
"2011-04-25	01:00:00"	4.4285	214.39	63.938	16.636	0.07356	26.217	0
"2011-04-25	02:00:00"	2.3904	199.61	61.147	18.363	0.06041	26.22	0
"2011-04-25	03:00:00"	4.3452	240.97	60.782	18.737	0.07377	26.211	0
"2011-04-25	04:00:00"	4.4757	242.28	58.015	20.449	0.07864	26.208	0
"2011-04-25	05:00:00"	3.2442	234.43	56.845	21.533	0.07716	26.205	0
"2011-04-25	06:00:00"	8.4034	263.32	59.012	21.377	0.07758	26.214	0
"2011-04-25	07:00:00"	10.067	251.3	64.325	18.722	0.14817	26.22	0
"2011-04-25	08:00:00"	13.033	254.12	66.649	19.172	50.059	26.232	0
"2011-04-25	09:00:00"	12.911	265.2	68.3	19.987	232.76	26.252	0
"2011-04-25	10:00:00"	10.835	312.72	69.029	18.416	451.3	26.252	0
"2011-04-25	11:00:00"	14.768	294.57	72.04	16.394	646.42	26.255	0
"2011-04-25	12:00:00"	11.51	303.75	73.855	14.555	812.1	26.252	0
"2011-04-25	13:00:00"	12.168	276.89	75.59	13.247	949.89	26.226	0
"2011-04-25	14:00:00"	14.933	285.19	77.464	10.984	991.9	26.214	0
"2011-04-25	15:00:00"	16.578	287.74	79.081	10.227	1008.7	26.196	0
"2011-04-25	16:00:00"	16.679	285.65	79.88	9.7111	922.28	26.175	0
"2011-04-25	17:00:00"	15.857	278.77	81.144	9.0039	774.44	26.158	0
"2011-04-25	18:00:00"	15.268	285.08	81.808	8.4842	581.62	26.152	0
"2011-04-25	19:00:00"	12.903	305.63	81.461	8.6133	356.16	26.149	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-25	20:00:00"	10.519	297.57	80.263	8.8156	138.22	26.146	0
"2011-04-25	21:00:00"	5.3488	315.54	75.397	10.082	8.6736	26.143	0
"2011-04-25	22:00:00"	2.1922	75.057	69.032	12.744	0.06635	26.155	0
"2011-04-25	23:00:00"	2.5396	354.22	66.804	13.494	0.05723	26.158	0
"2011-04-26	00:00:00"	2.5973	276.25	64.826	14.405	0.04854	26.155	0
"2011-04-26	01:00:00"	2.9521	318.49	64.934	15.224	0.08013	26.143	0
"2011-04-26	02:00:00"	2.2369	91.01	62.838	17.327	0.04642	26.134	0
"2011-04-26	03:00:00"	5.7806	75.7	57.754	21.174	0.06974	26.113	0
"2011-04-26	04:00:00"	6.287	89.455	54.775	30.2	0.08246	26.099	0
"2011-04-26	05:00:00"	5.7433	74.186	51.508	42.963	0.08522	26.099	0
"2011-04-26	06:00:00"	5.3742	78.479	49.305	51.346	0.06508	26.099	0
"2011-04-26	07:00:00"	4.2694	77.515	48.169	57.292	0.18993	26.09	0
"2011-04-26	08:00:00"	2.0014	281.4	48.308	56.383	56.202	26.09	0
"2011-04-26	09:00:00"	3.2162	238.5	57.676	34.348	248.63	26.096	0
"2011-04-26	10:00:00"	11.16	250.45	69.504	16.837	473.35	26.099	0
"2011-04-26	11:00:00"	18.844	264.55	75.114	12.985	683.02	26.09	0
"2011-04-26	12:00:00"	18.125	267.81	76.713	12.056	841.48	26.072	0
"2011-04-26	13:00:00"	16.188	268.66	78.565	10.871	973.86	26.054	0
"2011-04-26	14:00:00"	16.187	268.09	80.264	10.128	1025.6	26.031	0
"2011-04-26	15:00:00"	18.417	254.06	81.306	9.9703	998.88	26.007	0
"2011-04-26	16:00:00"	21.545	259.36	82.041	9.3786	908.94	25.98	0
"2011-04-26	17:00:00"	22.53	264.12	82.7	9.292	762.11	25.954	0
"2011-04-26	18:00:00"	22.982	267.72	83.712	8.9881	548.57	25.945	0
"2011-04-26	19:00:00"	22.174	266.14	83.622	8.2183	313.48	25.933	0
"2011-04-26	20:00:00"	20.375	263.44	82.669	7.8025	107.92	25.951	0
"2011-04-26	21:00:00"	15.578	298.83	78.798	7.4117	6.1839	26.01	0
"2011-04-26	22:00:00"	9.9351	324.92	72.899	6.7017	0.06465	26.057	0
"2011-04-26	23:00:00"	6.0298	342.95	66.472	10.804	0.05787	26.093	0
"2011-04-27	00:00:00"	8.2401	342.4	64.4	15.398	0.05723	26.116	0
"2011-04-27	01:00:00"	8.2916	348.99	61.533	18.395	0.08013	26.143	0
"2011-04-27	02:00:00"	12.84	343.86	59.922	21.872	0.06444	26.167	0
"2011-04-27	03:00:00"	17.386	343.96	58.325	22.789	0.04791	26.175	0
"2011-04-27	04:00:00"	17.909	340.45	56.35	22.249	0.05851	26.193	0
"2011-04-27	05:00:00"	20.044	339.98	54.782	19.091	0.05851	26.205	0
"2011-04-27	06:00:00"	23.386	335.81	54.004	16.496	0.05448	26.237	0
"2011-04-27	07:00:00"	22.181	330.1	52.683	16.422	0.35528	26.264	0
"2011-04-27	08:00:00"	20.379	324.34	52.095	16.469	68.314	26.305	0
"2011-04-27	09:00:00"	21.799	328.04	53.659	14.939	267.61	26.353	0
"2011-04-27	10:00:00"	21.814	334.24	55.984	14.316	498.77	26.364	0
"2011-04-27	11:00:00"	19.468	335.15	58.529	15.915	714.51	26.391	0
"2011-04-27	12:00:00"	15.931	336.23	61.542	17.784	884.51	26.412	0
"2011-04-27	13:00:00"	15.014	327.08	63.618	16.217	999.27	26.423	0
"2011-04-27	14:00:00"	13.096	329.85	65.985	15.151	1043.8	26.418	0
"2011-04-27	15:00:00"	11.008	302.84	67.715	14.134	1023.9	26.418	0
"2011-04-27	16:00:00"	10.755	337.92	69.175	14.094	934.15	26.406	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-27	17:00:00"	8.9863	327.3	70.534	13.422	785.26	26.403	0
"2011-04-27	18:00:00"	7.0091	332.23	71.486	12.108	597.37	26.415	0
"2011-04-27	19:00:00"	6.0882	331.79	71.924	10.513	374.98	26.426	0
"2011-04-27	20:00:00"	6.1547	310.96	71.156	9.2275	154.97	26.441	0
"2011-04-27	21:00:00"	4.3036	37.802	65.504	12.463	13.43	26.456	0
"2011-04-27	22:00:00"	5.7874	70.38	58.733	20.911	0.05003	26.485	0
"2011-04-27	23:00:00"	6.4523	85.592	55.902	29.827	0.05957	26.512	0
"2011-04-28	00:00:00"	5.0698	83.43	51.362	36.967	0.06847	26.512	0
"2011-04-28	01:00:00"	6.6182	98.284	52.19	38.695	0.06953	26.527	0
"2011-04-28	02:00:00"	6.3647	93.228	50.317	41.929	0.06995	26.533	0
"2011-04-28	03:00:00"	5.3786	81.151	46.725	46.779	0.07398	26.527	0
"2011-04-28	04:00:00"	4.779	66.108	43.612	52.754	0.09433	0.26518	0
"2011-04-28	05:00:00"	4.5727	41.876	40.273	58.431	0.08267	26.562	0
"2011-04-28	06:00:00"	5.9993	25.359	39.056	62.618	0.07801	26.574	0
"2011-04-28	07:00:00"	6.4393	20.372	38.622	66.815	0.36354	26.601	0
"2011-04-28	08:00:00"	4.7908	45.015	41.483	65.706	64.123	26.63	0
"2011-04-28	09:00:00"	7.5956	105.96	51.395	54.262	257.73	26.642	0
"2011-04-28	10:00:00"	9.9481	128.46	57.082	45.932	483.78	26.648	0
"2011-04-28	11:00:00"	9.8071	135.23	62.165	34.367	693.32	26.645	0
"2011-04-28	12:00:00"	11.206	156.92	65.637	29.192	862.4	26.639	0
"2011-04-28	13:00:00"	9.4759	156.09	68.439	25.998	977.51	26.618	0
"2011-04-28	14:00:00"	9.6921	162.28	71.563	21.353	1029	26.592	0
"2011-04-28	15:00:00"	8.8552	160.09	74.866	16.916	1009.1	26.559	0
"2011-04-28	16:00:00"	9.6393	167.03	77.349	13.571	923.25	26.527	0
"2011-04-28	17:00:00"	8.0001	181.83	78.988	12.655	776.37	26.494	0
"2011-04-28	18:00:00"	9.2535	204.54	80.019	11.319	584.59	26.474	0
"2011-04-28	19:00:00"	9.1447	183.83	80.028	11.8	362.7	26.462	0
"2011-04-28	20:00:00"	7.7286	181.14	78.77	12.179	128.63	26.453	0
"2011-04-28	21:00:00"	5.3363	160.53	72.617	15.084	13.156	26.447	0
"2011-04-28	22:00:00"	6.5785	153.37	68.621	17.958	0.04664	26.447	0
"2011-04-28	23:00:00"	8.9384	160.41	68.181	21.434	0.06041	26.45	0
"2011-04-29	00:00:00"	8.5383	158.7	66.104	24.991	0.0566	26.441	0
"2011-04-29	01:00:00"	6.9127	167.19	63.48	29.073	0.05405	26.429	0
"2011-04-29	02:00:00"	7.0911	166.32	61.607	34.004	0.06911	26.397	0
"2011-04-29	03:00:00"	9.2423	172.85	62.873	34.351	0.05893	26.367	0
"2011-04-29	04:00:00"	12.616	181.4	62.965	34.622	0.06105	26.335	0
"2011-04-29	05:00:00"	12.819	184.85	61.729	36.492	0.06126	26.314	0
"2011-04-29	06:00:00"	11.464	191.51	60.387	38.563	0.06232	26.302	0
"2011-04-29	07:00:00"	8.9247	193.52	58.403	43.14	0.42947	26.311	0
"2011-04-29	08:00:00"	6.3585	205.14	56.106	48.432	59.45	26.314	0
"2011-04-29	09:00:00"	13.284	195.87	60.96	44.353	249.21	26.323	0
"2011-04-29	10:00:00"	15.762	193.96	66.096	37.875	479.27	26.314	0
"2011-04-29	11:00:00"	15.485	193.7	71.15	30.986	691.46	26.311	0
"2011-04-29	12:00:00"	15.892	194.94	76.575	23.919	864.45	26.291	0
"2011-04-29	13:00:00"	17.777	201.02	81.781	18.053	982.38	26.264	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-04-29	14:00:00"	18.147	220.05	87.704	11.568	1005.1	26.229	0
"2011-04-29	15:00:00"	22.385	228.54	92.53	6.7194	1013.9	26.199	0
"2011-04-29	16:00:00"	23.799	239.1	94.226	4.7389	926.16	26.161	0
"2011-04-29	17:00:00"	26.689	240.73	95.028	3.9311	777.9	26.134	0
"2011-04-29	18:00:00"	25.044	240.05	94.569	3.7822	585.77	26.125	0
"2011-04-29	19:00:00"	25.288	237.68	93.2	4.0308	358.98	26.11	0
"2011-04-29	20:00:00"	22.284	240.74	91.608	4.0753	130.29	26.107	0
"2011-04-29	21:00:00"	15.574	238.33	88.39	4.2558	6.5392	26.119	0
"2011-04-29	22:00:00"	8.4817	234.5	83.062	4.9422	0.06974	26.128	0
"2011-04-29	23:00:00"	6.1031	199.09	75.243	7.6067	0.05723	26.161	0
"2011-04-30	00:00:00"	9.3554	182.02	74.542	27.808	0.04473	26.161	0
"2011-04-30	01:00:00"	8.1707	192.88	71.08	35.736	0.0668	26.175	0
"2011-04-30	02:00:00"	4.3241	248.58	67.426	41.968	0.06423	26.178	0
"2011-04-30	03:00:00"	5.665	218.51	64.288	48.26	0.05999	26.169	0
"2011-04-30	04:00:00"	3.8413	234.5	60.48	54.155	0.06868	26.164	0
"2011-04-30	05:00:00"	4.6454	245.97	59.642	50.474	0.07038	26.172	0
"2011-04-30	06:00:00"	6.233	249.04	61.35	34.607	0.06105	26.187	0
"2011-04-30	07:00:00"	6.6008	264.77	62.859	19.434	0.43223	26.205	0
"2011-04-30	08:00:00"	7.8945	281.65	66.062	14.63	71.937	26.24	0
"2011-04-30	09:00:00"	9.1422	313.2	70.894	11.813	267.22	26.27	0
"2011-04-30	10:00:00"	16.048	34.932	62.523	26.107	492.66	26.282	0
"2011-04-30	11:00:00"	16.813	32.614	61.963	27.947	703.6	26.299	0
"2011-04-30	12:00:00"	15.399	37.728	65.051	23.454	879.07	26.311	0
"2011-04-30	13:00:00"	12.792	44.789	69.157	18.537	991.79	26.291	0
"2011-04-30	14:00:00"	9.5983	68.258	72.983	14.948	1037	26.273	0
"2011-04-30	15:00:00"	7.6714	71.405	75.925	12.986	1013	26.258	0
"2011-04-30	16:00:00"	7.1998	68.857	78.544	11.531	918.1	26.234	0
"2011-04-30	17:00:00"	5.8309	121.95	80.796	10.418	765.69	26.208	0
"2011-04-30	18:00:00"	6.0702	134.33	82.437	9.3586	574.26	26.193	0
"2011-04-30	19:00:00"	8.3947	82.494	82.861	9.4444	355.69	26.178	0
"2011-04-30	20:00:00"	8.7607	81.637	81.105	10.116	144.63	26.181	0
"2011-04-30	21:00:00"	8.4898	72	75.301	12.747	10.675	26.193	0
"2011-04-30	22:00:00"	11.834	85.372	71.179	15.127	0.06381	26.205	0
"2011-04-30	23:00:00"	15.003	96.433	69.285	16.78	0.06487	26.229	0
"2011-05-01	00:00:00"	16.494	99.214	67.535	20.197	0.0549	26.249	0
"2011-05-01	01:00:00"	18.003	102.28	65.567	25.161	0.06041	26.243	0
"2011-05-01	02:00:00"	17.171	97.873	64.111	29.749	0.06762	26.246	0
"2011-05-01	03:00:00"	12.446	87.094	62.151	34.075	0.07292	26.246	0
"2011-05-01	04:00:00"	11.458	68.009	59.341	38.485	0.08055	26.261	0
"2011-05-01	05:00:00"	12.359	51.681	57.266	44.033	0.06932	26.279	0
"2011-05-01	06:00:00"	14.02	46.638	56.065	43.988	0.06317	26.299	0
"2011-05-01	07:00:00"	18.074	51.892	55.42	39.702	0.25459	26.335	0
"2011-05-01	08:00:00"	22.258	57.247	51.846	39.25	50.136	26.358	0
"2011-05-01	09:00:00"	23.968	57.983	50.401	39.225	174.25	26.394	0
"2011-05-01	10:00:00"	24.644	56.356	49.985	38.016	231.65	26.432	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-01	11:00:00"	25.085	48.457	49.891	38.744	411.34	26.453	0
"2011-05-01	12:00:00"	24.418	57.841	51.221	39.019	581.36	26.459	0
"2011-05-01	13:00:00"	22.167	61.23	51.433	42.871	687.23	26.45	0
"2011-05-01	14:00:00"	18.58	65.422	53.032	43.506	720.72	26.453	0
"2011-05-01	15:00:00"	17.323	68.803	54.699	41.498	913.26	26.447	0
"2011-05-01	16:00:00"	15.444	62.272	53.971	42.197	439.16	26.447	0
"2011-05-01	17:00:00"	14.829	63.569	54.401	42.242	597.8	26.438	0
"2011-05-01	18:00:00"	15.422	59.48	55.317	39.505	577.61	26.418	0
"2011-05-01	19:00:00"	14.893	59.819	54.627	39.701	354.12	26.429	0
"2011-05-01	20:00:00"	14.308	58.198	52.595	42.904	136.53	26.45	0
"2011-05-01	21:00:00"	11.124	59.341	49.895	46.819	9.071	26.48	0
"2011-05-01	22:00:00"	9.1043	64.348	48.026	50.907	0.06508	26.515	0
"2011-05-01	23:00:00"	8.4649	60.946	46.673	53.263	0.06699	26.556	0
"2011-05-02	00:00:00"	4.874	57.329	43.859	59.116	0.05469	26.571	0
"2011-05-02	01:00:00"	5.3599	31.751	40.901	64.349	0.07525	26.574	0
"2011-05-02	02:00:00"	5.3823	11.614	41.459	62.414	0.06169	26.571	0
"2011-05-02	03:00:00"	4.7342	359.45	42.388	59.422	0.06826	26.565	0
"2011-05-02	04:00:00"	4.4179	348.69	39.365	64.591	0.07207	26.589	0
"2011-05-02	05:00:00"	4.8405	351.53	37.413	68.354	0.08649	26.609	0
"2011-05-02	06:00:00"	5.0151	351.83	37.467	67.646	0.06423	26.618	0
"2011-05-02	07:00:00"	5.2065	352.81	37.271	67.676	0.57828	26.636	0
"2011-05-02	08:00:00"	5.483	353.48	37.879	64.555	65.359	26.669	0
"2011-05-02	09:00:00"	7.4707	352.96	45.31	48.47	264.52	26.692	0
"2011-05-02	10:00:00"	8.9235	17.847	50.081	36.682	489.04	26.704	0
"2011-05-02	11:00:00"	9.6114	35.118	52.422	30.662	701.85	26.719	0
"2011-05-02	12:00:00"	9.6238	22.7	54.465	28.461	878.71	26.716	0
"2011-05-02	13:00:00"	10.727	19.632	56.859	25.126	1007.9	26.707	0
"2011-05-02	14:00:00"	11.319	6.4681	58.16	23.815	759.32	26.698	0
"2011-05-02	15:00:00"	9.5809	359.36	59.438	22.234	766.86	26.692	0
"2011-05-02	16:00:00"	10.104	353.2	61.62	19.849	854.92	26.677	0
"2011-05-02	17:00:00"	10.786	8.5675	62.506	18.344	765.72	26.666	0
"2011-05-02	18:00:00"	11.368	353.45	63.287	16.753	565.31	26.669	0
"2011-05-02	19:00:00"	12.102	348.62	63.241	15.433	389.25	26.674	0
"2011-05-02	20:00:00"	9.6505	352.81	61.717	15.893	161.69	26.686	0
"2011-05-02	21:00:00"	6.4299	10.3	57.429	17.297	16.422	26.698	0
"2011-05-02	22:00:00"	5.0754	15.545	50.423	21.531	0.0672	26.719	0
"2011-05-02	23:00:00"	5.2593	22	45.434	26.45	0.05384	26.745	0
"2011-05-03	00:00:00"	5.7228	24.735	44.043	30.636	0.06211	26.751	0
"2011-05-03	01:00:00"	5.8724	26.742	42.825	34.025	0.06532	26.757	0
"2011-05-03	02:00:00"	4.6814	42.855	40.436	37.559	0.06635	26.76	0
"2011-05-03	03:00:00"	5.268	40.723	39.84	39.614	0.07695	26.76	0
"2011-05-03	04:00:00"	4.5658	39.077	38.04	42.275	0.06508	26.757	0
"2011-05-03	05:00:00"	5.6731	22.01	37.319	43.932	0.06783	26.763	0
"2011-05-03	06:00:00"	5.6551	25.446	36.029	45.943	0.07186	26.757	0
"2011-05-03	07:00:00"	3.2262	10.237	35.575	48.376	0.88395	26.772	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-03	08:00:00"	3.0957	61.268	40.214	42.439	81.296	26.798	0
"2011-05-03	09:00:00"	7.7075	176.14	49.147	35.044	283.4	26.813	0
"2011-05-03	10:00:00"	11.712	206.99	54.125	31.146	514.75	26.825	0
"2011-05-03	11:00:00"	11.407	205.23	57.556	27.681	727.82	26.825	0
"2011-05-03	12:00:00"	9.2609	214.04	60.493	23.658	898.71	26.81	0
"2011-05-03	13:00:00"	7.3589	214.53	63.132	18.929	1010.8	26.796	0
"2011-05-03	14:00:00"	6.9339	186.98	65.351	16.425	1058.6	26.763	0
"2011-05-03	15:00:00"	6.799	190.78	66.892	14.281	1039.4	26.745	0
"2011-05-03	16:00:00"	7.4521	194.29	68.223	13.118	950.13	26.719	0
"2011-05-03	17:00:00"	6.5785	182.04	69.244	12.304	802.61	26.695	0
"2011-05-03	18:00:00"	7.7255	187.31	69.889	11.329	610.48	26.683	0
"2011-05-03	19:00:00"	7.3291	199.96	69.683	10.622	386.69	26.674	0
"2011-05-03	20:00:00"	7.4602	191.82	68.5	11.124	163.46	26.666	0
"2011-05-03	21:00:00"	4.3689	187.84	63.467	12.978	16.272	26.669	0
"2011-05-03	22:00:00"	4.774	160.59	57.751	15.775	0.05893	26.683	0
"2011-05-03	23:00:00"	5.3338	155.1	55.189	18.263	0.07737	26.689	0
"2011-05-04	01:00:00"	5.6465	159.85	53.002	19.619	0.0772	26.686	0
"2011-05-04	02:00:00"	5.7011	155.11	50.486	21.459	0.06296	26.683	0
"2011-05-04	03:00:00"	5.8862	143.97	49.041	22.812	0.06423	26.674	0
"2011-05-04	04:00:00"	6.4312	146.7	47.991	23.886	0.06487	26.666	0
"2011-05-04	05:00:00"	6.8649	149	47.833	26.453	0.06487	26.66	0
"2011-05-04	06:00:00"	6.9357	136.06	46.291	30.814	0.06974	26.66	0
"2011-05-04	07:00:00"	7.0936	147.52	45.631	34.012	0.71501	26.66	0
"2011-05-04	08:00:00"	5.3848	129.08	44.908	35.94	71.657	26.672	0
"2011-05-04	09:00:00"	11.366	162.21	51.969	31.156	274.89	26.677	0
"2011-05-04	10:00:00"	16.685	175.79	58.465	26.653	462.64	26.68	0
"2011-05-04	11:00:00"	15.934	183.99	62.492	22.954	691.37	26.677	0
"2011-05-04	12:00:00"	13.514	179.23	66.394	19.933	849.43	26.672	0
"2011-05-04	13:00:00"	11.756	192.79	70.165	16.491	831.09	26.645	0
"2011-05-04	14:00:00"	11.983	179.69	74.254	13.626	1063.7	26.607	0
"2011-05-04	15:00:00"	12.351	177.11	76.299	12.666	1010.1	26.592	0
"2011-05-04	16:00:00"	11.809	187.74	77.849	12.703	939.98	26.568	0
"2011-05-04	17:00:00"	12.474	189.35	78.952	12.714	797.73	26.542	0
"2011-05-04	18:00:00"	13.051	183.63	79.12	12.96	567.81	26.527	0
"2011-05-04	19:00:00"	12.877	176.55	77.273	13.809	230.1	26.515	0
"2011-05-04	20:00:00"	12.312	168.47	75.981	14.625	110.6	26.512	0
"2011-05-04	21:00:00"	11.772	162.69	72.875	17.062	10.065	26.521	0
"2011-05-04	22:00:00"	12.787	161.69	69.891	19.489	0.04197	26.533	0
"2011-05-04	23:00:00"	13.305	158.3	66.819	23.791	0.06995	26.545	0
"2011-05-05	00:00:00"	11.105	166.03	63.95	27.148	0.07165	26.539	0
"2011-05-05	01:00:00"	7.7547	176.84	62.085	29.301	0.07356	26.527	0
"2011-05-05	02:00:00"	8.5277	181.66	61.488	32.24	0.06614	26.515	0
"2011-05-05	03:00:00"	6.3019	195.95	59.362	38.416	0.0672	26.494	0
"2011-05-05	04:00:00"	5.1698	204.41	57.089	42.459	0.08076	26.48	0
"2011-05-05	05:00:00"	3.9227	224.8	54.417	46.519	0.05257	26.474	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-05	06:00:00"	4.3577	233.21	52.742	48.746	0.06911	26.474	0
"2011-05-05	07:00:00"	7.3763	313.77	53.333	48.086	0.32433	26.542	0
"2011-05-05	08:00:00"	7.8933	21.394	52.626	48.125	29.437	26.583	0
"2011-05-05	09:00:00"	16.625	21.525	53.006	45.009	224.75	26.607	0
"2011-05-05	10:00:00"	17.595	23.2	57.258	37.544	468.96	26.639	0
"2011-05-05	11:00:00"	17.316	27.821	61.582	30.999	694.22	26.654	0
"2011-05-05	12:00:00"	16.712	28.1	64.539	27.435	704.8	26.651	0
"2011-05-05	13:00:00"	16.41	34.598	68.961	23.056	909.95	26.642	0
"2011-05-05	14:00:00"	14.501	36.736	72.02	21.382	967.41	26.642	0
"2011-05-05	15:00:00"	12.104	39.77	73.897	20.209	1016.2	26.624	0
"2011-05-05	16:00:00"	11.892	56.537	75.662	18.765	924.18	26.595	0
"2011-05-05	17:00:00"	11.07	54.319	76.686	17.684	784.2	26.571	0
"2011-05-05	18:00:00"	10.155	61.573	77.174	16.643	598.34	26.553	0
"2011-05-05	19:00:00"	9.9363	82.636	76.919	16.588	381.43	26.547	0
"2011-05-05	20:00:00"	8.962	79.126	75.758	16.639	165.55	26.545	0
"2011-05-05	21:00:00"	6.2379	87.434	71.347	19.446	17.232	26.547	0
"2011-05-05	22:00:00"	4.1769	75.959	63.865	24.496	0.05978	26.562	0
"2011-05-05	23:00:00"	5.0474	88.984	61.127	26.348	0.06253	26.571	0
"2011-05-06	00:00:00"	4.8877	81.978	58.675	27.947	0.06423	26.565	0
"2011-05-06	01:00:00"	6.4592	90.404	58.147	28.227	0.07737	26.556	0
"2011-05-06	02:00:00"	6.6077	95.878	57.546	28.732	0.08331	26.55	0
"2011-05-06	03:00:00"	7.664	101.54	57.54	28.95	0.06995	26.524	0
"2011-05-06	04:00:00"	7.71	98.408	56.34	30.387	0.06041	26.506	0
"2011-05-06	05:00:00"	7.833	97.953	56.189	31.167	0.05533	26.491	0
"2011-05-06	06:00:00"	8.3786	102.98	55.826	32.135	0.04918	26.474	0
"2011-05-06	07:00:00"	7.1321	95.406	54.195	34.197	0.45533	26.459	0
"2011-05-06	08:00:00"	7.7056	94.868	54.889	34.552	60.993	26.468	0
"2011-05-06	09:00:00"	8.5693	123.85	61.458	32.819	242.26	26.477	0
"2011-05-06	10:00:00"	9.5983	172.55	67.384	33.561	463.91	26.48	0
"2011-05-06	11:00:00"	9.8655	198	72.675	30.129	671.43	26.471	0
"2011-05-06	12:00:00"	10.665	200.52	77.958	24.604	841.45	26.45	0
"2011-05-06	13:00:00"	12.368	216.37	82.011	19.917	958.08	26.435	0
"2011-05-06	14:00:00"	12.895	221.97	84.853	17.638	1011.6	26.406	0
"2011-05-06	15:00:00"	11.407	217.07	86.66	15.98	992.08	26.382	0
"2011-05-06	16:00:00"	12.062	216.87	88.712	13.113	927.91	26.35	0
"2011-05-06	17:00:00"	10.664	216	89.545	10.642	688.55	26.311	0
"2011-05-06	18:00:00"	12.822	217.51	90.128	8.9561	545.44	26.302	0
"2011-05-06	19:00:00"	8.0977	235.62	87.904	10.031	186.76	26.299	0
"2011-05-06	20:00:00"	10.892	207.27	85.039	13.23	120.51	26.294	0
"2011-05-06	21:00:00"	11.425	179.2	79.806	17.863	14.808	26.296	0
"2011-05-06	22:00:00"	7.6137	177.21	75.328	20.661	0.0619	26.305	0
"2011-05-06	23:00:00"	9.968	180.27	72.928	24.533	0.05469	26.317	0
"2011-05-07	00:00:00"	12.176	185.8	70.213	31.769	0.0619	26.326	0
"2011-05-07	01:00:00"	10.356	192.22	67.103	37.956	0.06701	26.332	0
"2011-05-07	02:00:00"	10.505	192.77	65.353	44.681	0.06423	26.326	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-07	03:00:00"	9.1366	196.32	63.117	50.344	0.0513	26.32	0
"2011-05-07	04:00:00"	4.6938	221.1	59.206	57.326	0.07334	26.299	0
"2011-05-07	05:00:00"	4.5286	235.64	55.675	64.093	0.06868	26.302	0
"2011-05-07	06:00:00"	4.2831	235.72	54.196	68.116	0.06317	26.299	0
"2011-05-07	07:00:00"	4.1818	244.51	52.403	71.544	0.6052	26.308	0
"2011-05-07	08:00:00"	4.28	244.23	51.542	72.745	66.605	26.332	0
"2011-05-07	09:00:00"	6.9364	229.36	58.312	60.198	259.96	26.356	0
"2011-05-07	10:00:00"	8.7868	241.02	67.457	41.469	488.85	26.367	0
"2011-05-07	11:00:00"	8.4761	261.01	78.181	19.333	698.9	26.364	0
"2011-05-07	12:00:00"	8.2885	297.31	85.466	8.9486	866.93	26.356	0
"2011-05-07	13:00:00"	7.1632	292.25	89.062	8.4814	985.26	26.341	0
"2011-05-07	14:00:00"	7.5428	274.74	92.317	5.6825	1039.9	26.329	0
"2011-05-07	15:00:00"	9.5095	268.3	93.876	4.4872	1025.2	26.317	0
"2011-05-07	16:00:00"	9.4653	264.62	94.726	3.5906	951.27	26.294	0
"2011-05-07	17:00:00"	9.4858	267.24	94.569	3.4294	813.52	26.273	0
"2011-05-07	18:00:00"	10.253	252.64	94.916	3.5633	618.86	26.264	0
"2011-05-07	19:00:00"	12.155	266.24	94.089	2.9172	405.53	26.264	0
"2011-05-07	20:00:00"	9.8046	255.78	91.856	2.7964	176.27	26.27	0
"2011-05-07	21:00:00"	3.837	244.77	85.191	3.6714	15.773	26.276	0
"2011-05-07	22:00:00"	2.7707	236.43	79.467	4.7686	0.08628	26.291	0
"2011-05-07	23:00:00"	2.2748	224.8	74.21	5.7467	0.07038	26.296	0
"2011-05-08	00:00:00"	2.0735	238.03	74.143	5.5306	0.05045	26.294	0
"2011-05-08	01:00:00"	2.5302	239.68	72.963	6.0008	0.07165	26.288	0
"2011-05-08	02:00:00"	2.6974	257.53	72.301	6.27	0.0566	26.288	0
"2011-05-08	03:00:00"	7.6472	170.34	68.373	21.67	0.07059	26.282	0
"2011-05-08	04:00:00"	5.3867	188.59	64.622	39.612	0.07546	26.276	0
"2011-05-08	05:00:00"	3.7879	243.8	61.749	46.41	0.07059	26.291	0
"2011-05-08	06:00:00"	3.7469	252.6	59.732	45.847	0.06063	26.288	0
"2011-05-08	07:00:00"	3.2529	236.19	58.888	51.682	0.71501	26.291	0
"2011-05-08	08:00:00"	3.3908	239.87	56.844	59.803	72.406	26.311	0
"2011-05-08	09:00:00"	3.3262	251.88	63.083	48.157	265.08	26.314	0
"2011-05-08	10:00:00"	6.7891	250.21	74.897	20.064	488.7	26.329	0
"2011-05-08	11:00:00"	8.583	260.22	84.57	6.5631	703.56	26.32	0
"2011-05-08	12:00:00"	10.252	287.57	89.965	3.655	893.9	26.311	0
"2011-05-08	13:00:00"	10.458	264.85	91.794	2.9919	1001.2	26.296	0
"2011-05-08	14:00:00"	13.831	250.09	92.938	2.9233	1075.2	26.273	0
"2011-05-08	15:00:00"	12.089	252.86	93.84	2.6756	1024.1	26.249	0
"2011-05-08	16:00:00"	15.379	239.22	94.664	2.3989	966.02	26.232	0
"2011-05-08	17:00:00"	18.665	235.26	94.59	2.3564	821.07	26.211	0
"2011-05-08	18:00:00"	19.709	239.24	94.488	2.4508	641.06	26.199	0
"2011-05-08	19:00:00"	19.293	238.15	93.618	2.4292	417.26	26.19	0
"2011-05-08	20:00:00"	17.877	242.55	91.815	2.4872	191.01	26.19	0
"2011-05-08	21:00:00"	10.96	253.86	86.763	2.57	26.337	26.202	0
"2011-05-08	22:00:00"	4.7783	257.62	79.595	3.1156	0.05617	26.217	0
"2011-05-08	23:00:00"	3.837	267.03	75.431	3.7425	0.06656	26.22	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-09	00:00:00"	4.8436	291.3	74.205	3.9706	0.04621	26.205	0
"2011-05-09	01:00:00"	7.5385	212.97	74.039	6.0908	0.06253	26.234	0
"2011-05-09	02:00:00"	7.1209	169.66	69.772	39.062	0.05978	26.229	0
"2011-05-09	03:00:00"	5.171	180.81	66.624	57.215	0.04939	26.223	0
"2011-05-09	04:00:00"	4.8138	186.06	64.329	61.916	0.06593	26.223	0
"2011-05-09	05:00:00"	3.5586	183.55	62.778	59.829	0.05829	26.226	0
"2011-05-09	06:00:00"	4.0172	250.86	63.001	57.816	0.05808	26.234	0
"2011-05-09	07:00:00"	3.0969	247.4	61.09	63.16	0.81718	26.243	0
"2011-05-09	08:00:00"	2.621	218.75	61.274	60.477	75.106	26.258	0
"2011-05-09	09:00:00"	3.3461	248.96	66.86	44.102	278.41	26.267	0
"2011-05-09	10:00:00"	7.9672	248.85	78.095	12.868	511.83	26.276	0
"2011-05-09	11:00:00"	11.296	262.33	83.03	5.617	683.25	26.267	0
"2011-05-09	12:00:00"	12.615	248.86	84.837	4.5725	771.79	26.252	0
"2011-05-09	13:00:00"	15.22	245.56	88.049	3.6303	991.72	26.237	0
"2011-05-09	14:00:00"	16.698	242.52	90.218	3.6875	1056.3	26.223	0
"2011-05-09	15:00:00"	18.962	243.16	91.527	4.2817	1033.9	26.205	0
"2011-05-09	16:00:00"	20.375	234.65	92.881	3.9975	954.99	26.178	0
"2011-05-09	17:00:00"	19.197	237.67	92.465	3.6983	671.53	26.152	0
"2011-05-09	18:00:00"	18.535	239.84	91.434	3.6492	479.93	26.143	0
"2011-05-09	19:00:00"	15.606	239.2	90.568	3.7206	267.39	26.143	0
"2011-05-09	20:00:00"	10.935	243.51	87.713	4.6353	86.067	26.134	0
"2011-05-09	21:00:00"	4.9809	223.92	82.851	5.5803	22.647	26.14	0
"2011-05-09	22:00:00"	4.7373	211.11	77.802	6.6683	0.05172	26.155	0
"2011-05-09	23:00:00"	5.3773	167.96	74.056	7.5122	0.05702	26.169	0
"2011-05-10	00:00:00"	5.3028	169.46	71.832	7.8256	0.05935	26.178	0
"2011-05-10	01:00:00"	4.6559	233.52	69.454	8.5392	0.05321	26.187	0
"2011-05-10	02:00:00"	7.7193	183.9	72.874	19.804	0.05024	26.196	0
"2011-05-10	03:00:00"	4.2993	264.11	71.844	17.873	0.06211	26.187	0
"2011-05-10	04:00:00"	2.1624	354.99	70.526	17.067	0.06275	26.184	0
"2011-05-10	05:00:00"	3.1448	343.37	70.351	14.198	0.07144	26.187	0
"2011-05-10	06:00:00"	1.7976	56.416	69.048	13.712	0.05427	26.196	0
"2011-05-10	07:00:00"	3.2318	330.9	64.899	13.488	0.30801	26.205	0
"2011-05-10	08:00:00"	3.169	296.79	63.787	13.146	36.954	26.217	0
"2011-05-10	09:00:00"	2.1574	236.78	60.903	16.236	116.56	26.232	0
"2011-05-10	10:00:00"	4.1999	247.59	69.57	12.316	387.6	26.234	0
"2011-05-10	11:00:00"	15.253	240.01	81.903	10.305	704.33	26.24	0
"2011-05-10	12:00:00"	19.331	236.2	84.633	10.315	878.01	26.229	0
"2011-05-10	13:00:00"	17.473	224.09	86.089	9.5772	991.95	26.211	0
"2011-05-10	14:00:00"	14.866	217.5	87.389	8.3539	1045.2	26.187	0
"2011-05-10	15:00:00"	12.869	203.9	89.299	7.1192	988.75	26.155	0
"2011-05-10	16:00:00"	16.493	205.62	90.72	6.9147	913.11	26.134	0
"2011-05-10	17:00:00"	17.771	225.88	91.312	7.2356	783.03	26.105	0
"2011-05-10	18:00:00"	15.727	196.67	91.135	9.3047	624.66	26.093	0
"2011-05-10	19:00:00"	14.761	175	88.709	12.773	230.25	26.084	0
"2011-05-10	20:00:00"	15.555	163.29	86.423	16.337	67.059	26.081	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-10"	21:00:00"	14.327	155.99	83.339	23.591	8.9241	26.093	0
"2011-05-10"	22:00:00"	14.844	153.33	80.691	30.963	0.05511	26.107	0
"2011-05-10"	23:00:00"	18.414	166.45	78.193	40.637	0.05851	26.137	0
"2011-05-11"	00:00:00"	17.985	178.78	75.533	51.419	0.05766	26.134	0
"2011-05-11"	01:00:00"	14.922	171.32	74.384	57.95	0.08288	26.128	0
"2011-05-11"	02:00:00"	11.452	173.95	71.549	68.547	0.05829	26.134	0
"2011-05-11"	03:00:00"	7.646	181.37	70.69	70.943	0.05787	26.11	0
"2011-05-11"	04:00:00"	10.291	225.59	71.109	61.875	0.05999	26.146	0
"2011-05-11"	05:00:00"	7.4919	282.24	69.608	18.375	0.08649	26.175	0
"2011-05-11"	06:00:00"	12.116	277.15	67.237	18.535	0.06868	26.196	0
"2011-05-11"	07:00:00"	11.58	278.03	65.725	19.715	0.57807	26.211	0
"2011-05-11"	08:00:00"	8.898	273.22	64.162	20.81	69.563	26.258	0
"2011-05-11"	09:00:00"	8.5594	307.87	65.466	20.455	266.53	26.282	0
"2011-05-11"	10:00:00"	12.669	297.86	68.891	17.262	496.07	26.305	0
"2011-05-11"	11:00:00"	20.532	281.51	72.066	14.619	713.12	26.302	0
"2011-05-11"	12:00:00"	21.427	260.66	73.096	12.13	897.18	26.314	0
"2011-05-11"	13:00:00"	19.149	258.43	75.138	9.5478	1015.2	26.305	0
"2011-05-11"	14:00:00"	19.326	263.3	76.96	7.4833	1070.9	26.276	0
"2011-05-11"	15:00:00"	18.578	249.63	78.766	7.5011	1051.2	26.267	0
"2011-05-11"	16:00:00"	18.005	251.79	80.175	6.9539	969.52	26.258	0
"2011-05-11"	17:00:00"	18.256	257.83	80.766	6.4114	828.99	26.246	0
"2011-05-11"	18:00:00"	18.685	260.13	81.022	6.0131	638.11	26.249	0
"2011-05-11"	19:00:00"	17.178	257.7	80.667	5.41	420.43	26.261	0
"2011-05-11"	20:00:00"	15.216	261.08	78.896	6.0514	197.86	26.273	0
"2011-05-11"	21:00:00"	9.8984	243.56	75.11	7.7639	30.279	26.299	0
"2011-05-11"	22:00:00"	3.6586	227.23	67.943	11.076	0.07462	26.323	0
"2011-05-11"	23:00:00"	2.8229	218.16	64.048	12.963	0.06423	26.335	0
"2011-05-12"	00:00:00"	5.1947	279.3	64.426	13.517	0.07631	26.344	0
"2011-05-12"	01:00:00"	2.8105	204.16	59.193	15.953	0.0655	26.356	0
"2011-05-12"	02:00:00"	3.645	219.58	56.279	17.801	0.06084	26.358	0
"2011-05-12"	03:00:00"	4.5658	304.5	57.497	16.956	0.0778	26.367	0
"2011-05-12"	04:00:00"	3.279	339.94	54.671	18.559	0.06593	26.376	0
"2011-05-12"	05:00:00"	1.4683	223.76	52.19	20.922	0.05872	26.385	0
"2011-05-12"	06:00:00"	2.3613	283.34	51.838	22.296	0.06974	26.391	0
"2011-05-12"	07:00:00"	2.7446	305.27	51.699	25.419	1.111	26.4	0
"2011-05-12"	08:00:00"	1.4764	229.24	52.285	28.51	84.052	26.415	0
"2011-05-12"	09:00:00"	5.9546	293.05	61.355	27.562	281.45	26.423	0
"2011-05-12"	10:00:00"	11.72	319.45	69.327	22.334	508.29	26.432	0
"2011-05-12"	11:00:00"	13.955	315.13	72.907	19.125	714.9	26.438	0
"2011-05-12"	12:00:00"	11.782	279.52	75.315	16.169	881.32	26.429	0
"2011-05-12"	13:00:00"	13.643	261.93	77.377	14.095	1000.6	26.415	0
"2011-05-12"	14:00:00"	13.489	270.27	79.649	12.347	1050	26.394	0
"2011-05-12"	15:00:00"	13.369	270.04	81.231	11.435	1037.2	26.382	0
"2011-05-12"	16:00:00"	11.695	297.35	82.553	10.458	950.42	26.373	0
"2011-05-12"	17:00:00"	11.229	290.2	84.162	9.3606	809.09	26.361	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-12	18:00:00"	10.551	292.31	84.68	8.8247	624.4	26.358	0
"2011-05-12	19:00:00"	8.8949	296.77	84.431	8.2539	407.77	26.353	0
"2011-05-12	20:00:00"	7.8715	304.75	83.8	7.0792	194.69	26.367	0
"2011-05-12	21:00:00"	4.3626	340.02	79.201	8.1725	30.597	26.385	0
"2011-05-12	22:00:00"	4.8585	6.1942	71.222	11.321	0.04748	26.412	0
"2011-05-12	23:00:00"	4.8983	18.648	67.082	13.308	0.07123	26.429	0
"2011-05-13	00:00:00"	7.0668	48.491	64.643	19.199	0.05702	26.444	0
"2011-05-13	01:00:00"	6.9736	53.035	60.964	27.017	0.05448	26.453	0
"2011-05-13	02:00:00"	7.1576	39.52	58.971	31.199	0.06169	26.468	0
"2011-05-13	03:00:00"	11.167	41.3	59.407	33.034	0.05533	26.494	0
"2011-05-13	04:00:00"	12.692	42.987	57.453	37.627	0.07334	26.5	0
"2011-05-13	05:00:00"	12.678	38.83	55.286	42.038	0.05384	26.512	0
"2011-05-13	06:00:00"	10.977	36.094	52.555	47.177	0.08182	26.533	0
"2011-05-13	07:00:00"	9.8574	22.697	50.709	51.508	1.3268	26.556	0
"2011-05-13	08:00:00"	10.685	20.998	51.164	52.749	86.713	26.574	0
"2011-05-13	09:00:00"	15.076	28.688	56.11	44.774	282.19	26.595	0
"2011-05-13	10:00:00"	15.544	30.028	59.982	39.191	504	26.604	0
"2011-05-13	11:00:00"	13.617	30.466	64.138	34.569	708.7	26.601	0
"2011-05-13	12:00:00"	12.095	32.882	68.026	30.331	872.56	26.598	0
"2011-05-13	13:00:00"	8.1313	40.84	70.936	25.563	985.78	26.589	0
"2011-05-13	14:00:00"	4.316	358.61	73.187	22.335	1032.5	26.565	0
"2011-05-13	15:00:00"	5.6389	359.05	75.958	20.087	1012.6	26.539	0
"2011-05-13	16:00:00"	6.6306	9.2697	77.344	19.066	933.04	26.518	0
"2011-05-13	17:00:00"	7.3974	39.967	78.161	18.152	796.19	26.494	0
"2011-05-13	18:00:00"	6.7711	357.71	79.249	17.012	616.13	26.488	0
"2011-05-13	19:00:00"	7.3092	18.759	78.917	17.738	402.46	26.485	0
"2011-05-13	20:00:00"	6.6953	30.587	78.025	18.18	188.53	26.491	0
"2011-05-13	21:00:00"	4.3098	61.871	73.941	21.133	29.264	26.5	0
"2011-05-13	22:00:00"	5.2674	75.463	67.833	25.258	0.04748	26.521	0
"2011-05-13	23:00:00"	6.0472	76.682	65.991	26.355	0.07525	26.536	0
"2011-05-14	00:00:00"	5.9782	72.019	61.1	29.683	0.05702	26.539	0
"2011-05-14	01:00:00"	6.8879	77.39	59.54	28.367	0.06275	26.536	0
"2011-05-14	02:00:00"	6.8139	72.931	56.134	29.703	0.05851	26.536	0
"2011-05-14	03:00:00"	7.5708	71.775	54.734	29.369	0.06105	26.527	0
"2011-05-14	04:00:00"	8.0579	75.462	53.613	31.407	0.05639	26.53	0
"2011-05-14	05:00:00"	9.3342	73.52	53.094	34.374	0.07334	26.53	0
"2011-05-14	06:00:00"	9.2211	62.639	50.187	40.254	0.0672	26.533	0
"2011-05-14	07:00:00"	8.4221	56.216	47.749	46.093	1.6787	26.539	0
"2011-05-14	08:00:00"	8.4656	61.846	48.452	48.866	85.101	26.571	0
"2011-05-14	09:00:00"	10.44	85.822	54.388	44.288	274.6	26.601	0
"2011-05-14	10:00:00"	10.783	86.158	57.625	40.978	495.42	26.598	0
"2011-05-14	11:00:00"	9.543	88.543	60.779	36.368	700.92	26.592	0
"2011-05-14	12:00:00"	10.342	95.815	64.015	32.005	864.59	26.577	0
"2011-05-14	13:00:00"	10.484	91.448	67.07	27.717	977.91	26.55	0
"2011-05-14	14:00:00"	11.868	85.986	69.559	24.005	1032	26.521	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-14	15:00:00"	11.006	98.435	72.124	21.04	1017.1	26.494	0
"2011-05-14	16:00:00"	10.479	110.12	74.053	19.408	932.67	26.462	0
"2011-05-14	17:00:00"	10.798	119.74	75.314	18.561	793.7	26.429	0
"2011-05-14	18:00:00"	11.316	115.94	75.746	17.895	610.13	26.415	0
"2011-05-14	19:00:00"	12.568	121.69	75.352	18.057	395.4	26.403	0
"2011-05-14	20:00:00"	11.549	120.36	73.928	18.578	183.13	26.412	0
"2011-05-14	21:00:00"	9.1112	111.47	70.844	19.779	27.52	26.415	0
"2011-05-14	22:00:00"	7.9144	93.484	66.181	21.832	0.05766	26.423	0
"2011-05-14	23:00:00"	8.9303	86.406	64.206	23.388	0.05978	26.444	0
"2011-05-15	00:00:00"	8.7843	85.517	61.606	26.22	0.05808	26.453	0
"2011-05-15	01:00:00"	9.5395	89.417	59.82	28.399	0.05116	26.456	0
"2011-05-15	02:00:00"	11.209	92.463	58.918	30.852	0.0672	26.45	0
"2011-05-15	03:00:00"	10.645	96.383	57.347	33.822	0.04748	26.45	0
"2011-05-15	04:00:00"	10.301	93.207	55.864	36.679	0.06126	26.45	0
"2011-05-15	05:00:00"	10.187	90.914	54.48	40.151	0.06868	26.456	0
"2011-05-15	06:00:00"	8.9968	86.856	53.122	43.533	0.0814	26.462	0
"2011-05-15	07:00:00"	8.3705	82.498	50.633	47.354	1.2556	26.483	0
"2011-05-15	08:00:00"	9.0335	85.126	50.555	48.363	59.087	26.509	0
"2011-05-15	09:00:00"	11.009	95.243	53.81	45.804	170.32	26.539	0
"2011-05-15	10:00:00"	13.003	96.433	56.703	43.524	241.83	26.553	0
"2011-05-15	11:00:00"	13.512	92.532	60.16	39.204	589.34	26.553	0
"2011-05-15	12:00:00"	14.214	95.964	63.266	34.199	824.44	26.547	0
"2011-05-15	13:00:00"	12.018	112.37	66.409	30.075	961.21	26.539	0
"2011-05-15	14:00:00"	10.853	131.91	68.878	28.376	1008.9	26.512	0
"2011-05-15	15:00:00"	9.5237	145.09	71.462	26.994	996.62	26.491	0
"2011-05-15	16:00:00"	9.3324	141.22	73.456	25.812	921.24	26.465	0
"2011-05-15	17:00:00"	9.5542	126.98	75.129	24.532	793.52	26.447	0
"2011-05-15	18:00:00"	8.0113	146.73	75.964	24.496	613.33	26.432	0
"2011-05-15	19:00:00"	9.1143	127.18	76.2	24.685	402.1	26.429	0
"2011-05-15	20:00:00"	8.2158	121.2	74.979	25.903	188.88	26.435	0
"2011-05-15	21:00:00"	7.344	106.81	71.922	28.268	29.799	26.453	0
"2011-05-15	22:00:00"	7.1601	103.12	67.625	32.122	0.06126	26.465	0
"2011-05-15	23:00:00"	6.5896	93.224	63.262	36.828	0.06656	26.48	0
"2011-05-16	00:00:00"	8.0002	96.466	61.117	39.07	0.07992	26.471	0
"2011-05-16	01:00:00"	8.8632	105.88	60.304	40.754	0.06868	26.471	0
"2011-05-16	02:00:00"	6.4374	90.328	55.914	46.13	0.07101	26.465	0
"2011-05-16	03:00:00"	6.3554	84.313	53.219	49.476	0.08182	26.465	0
"2011-05-16	04:00:00"	5.7775	81.985	50.979	53.853	0.07377	26.462	0
"2011-05-16	05:00:00"	5.1605	77	48.654	59.421	0.06995	26.468	0
"2011-05-16	06:00:00"	5.7576	79.969	47.37	63.736	0.07101	26.468	0
"2011-05-16	07:00:00"	6.8581	85.383	47.963	66.777	1.8962	26.471	0
"2011-05-16	08:00:00"	8.5246	98.01	50.294	63.81	83.622	26.491	0
"2011-05-16	09:00:00"	12.532	114.59	56.872	52.356	274.36	26.509	0
"2011-05-16	10:00:00"	12.452	125.26	62.51	42.546	496.45	26.515	0
"2011-05-16	11:00:00"	12.854	145.42	67.03	37.16	698.32	26.518	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-16	12:00:00"	12.586	156.77	69.693	37.419	864.38	26.497	0
"2011-05-16	13:00:00"	12.752	160.68	72.865	32.728	944.24	26.477	0
"2011-05-16	14:00:00"	12.801	150.06	76.388	27.911	994.03	26.444	0
"2011-05-16	15:00:00"	13.468	156.15	79.535	24.546	1009.3	26.42	0
"2011-05-16	16:00:00"	11.943	161.88	81.056	22.576	717.11	26.391	0
"2011-05-16	17:00:00"	10.958	155.72	82.737	20.893	707.98	26.361	0
"2011-05-16	18:00:00"	10.766	153.53	83.978	20.156	609.96	26.338	0
"2011-05-16	19:00:00"	11.436	158.69	83.757	19.748	396.43	26.323	0
"2011-05-16	20:00:00"	11.526	155.73	82.458	21.255	184.56	26.308	0
"2011-05-16	21:00:00"	11.065	147.67	79.488	23.572	27.635	26.311	0
"2011-05-16	22:00:00"	9.2988	142.71	76.172	26.457	0.07101	26.323	0
"2011-05-16	23:00:00"	7.8293	152.43	73.366	29.879	0.06169	26.332	0
"2011-05-17	00:00:00"	8.117	159.18	71.781	35.249	0.10472	26.329	0
"2011-05-17	01:00:00"	10.103	179.79	70.475	41.814	0.07864	26.323	0
"2011-05-17	02:00:00"	9.3889	170.76	67.702	48.886	0.07886	26.302	0
"2011-05-17	03:00:00"	8.4624	160.03	66.024	55.417	0.04197	26.285	0
"2011-05-17	04:00:00"	6.9625	158.99	63.863	61.675	0.07356	26.273	0
"2011-05-17	05:00:00"	7.1103	171.78	62.511	66.649	0.06465	26.273	0
"2011-05-17	06:00:00"	4.8846	171.76	60.611	72.437	0.07589	26.264	0
"2011-05-17	07:00:00"	2.867	166.86	58.889	77.249	1.716	26.267	0
"2011-05-17	08:00:00"	3.7425	166.48	58.917	77.737	86.334	26.276	0
"2011-05-17	09:00:00"	8.1058	170.04	64.321	66.392	285.31	26.282	0
"2011-05-17	10:00:00"	9.2901	201.05	69.484	53.538	507.66	26.279	0
"2011-05-17	11:00:00"	9.937	228.86	75.49	35.387	712.08	26.267	0
"2011-05-17	12:00:00"	14.159	254.76	82.18	14.108	885.13	26.249	0
"2011-05-17	13:00:00"	15.89	244.55	84.715	10.683	1010.2	26.237	0
"2011-05-17	14:00:00"	16.83	240.61	85.979	8.1469	1058.5	26.217	0
"2011-05-17	15:00:00"	17.91	241.15	86.436	7.3281	764.27	26.205	0
"2011-05-17	16:00:00"	17.41	240.09	86.854	6.75	761.34	26.181	0
"2011-05-17	17:00:00"	17.67	242.3	87.562	6.4628	814.74	26.169	0
"2011-05-17	18:00:00"	17.145	238.69	87.245	6.5764	638.26	26.155	0
"2011-05-17	19:00:00"	17.977	242.64	87.528	7.3881	401.11	26.143	0
"2011-05-17	20:00:00"	18.184	250.38	85.685	8.5736	185.21	26.14	0
"2011-05-17	21:00:00"	11.66	251.82	82.59	9.3278	25.313	26.146	0
"2011-05-17	22:00:00"	6.9867	258.23	77.622	10.915	0.05003	26.158	0
"2011-05-17	23:00:00"	5.56	272.49	74.51	12.594	0.06656	26.169	0
"2011-05-18	00:00:00"	7.444	266.69	73.152	13.736	0.04918	26.175	0
"2011-05-18	01:00:00"	5.6153	279.08	69.317	15.447	0.07631	26.155	0
"2011-05-18	02:00:00"	10.553	272.32	71.373	14.628	0.06635	26.143	0
"2011-05-18	03:00:00"	10.049	277.37	71.677	14.764	0.04897	26.14	0
"2011-05-18	04:00:00"	14.086	280.7	71.464	15.23	0.07038	26.122	0
"2011-05-18	05:00:00"	12.554	282.18	69.975	16.482	0.06126	26.125	0
"2011-05-18	06:00:00"	10.711	268.53	69.851	16.921	0.07695	26.14	0
"2011-05-18	07:00:00"	5.7079	202.57	63.951	20.444	2.1321	26.149	0
"2011-05-18	08:00:00"	3.1243	221.83	59.845	23.651	96.081	26.175	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-18	09:00:00"	4.6926	249.26	67.344	19.826	281.67	26.19	0
"2011-05-18	10:00:00"	14.06	263.37	74.785	16.653	505.81	26.196	0
"2011-05-18	11:00:00"	19.072	260.95	76.929	16.09	706.57	26.187	0
"2011-05-18	12:00:00"	20.441	254.2	78.585	15.815	870.53	26.172	0
"2011-05-18	13:00:00"	19.457	249.23	80.224	14.904	988.11	26.149	0
"2011-05-18	14:00:00"	15.846	236.9	82.313	13.747	1040	26.125	0
"2011-05-18	15:00:00"	15.86	239.99	83.915	13.309	1013.8	26.11	0
"2011-05-18	16:00:00"	19.798	237.39	85.118	12.631	981.55	26.081	0
"2011-05-18	17:00:00"	21.74	225.88	85.679	12.066	776.25	26.06	0
"2011-05-18	18:00:00"	21.775	229.35	86.395	11.479	626.95	26.043	0
"2011-05-18	19:00:00"	19.528	222.07	86.148	11.424	411.05	26.025	0
"2011-05-18	20:00:00"	15.952	223.82	85.272	11.455	137.99	26.022	0
"2011-05-18	21:00:00"	8.1573	214.04	81.902	12.46	19.587	26.022	0
"2011-05-18	22:00:00"	5.5532	182.56	76.615	15.196	0.06253	26.028	0
"2011-05-18	23:00:00"	4.4689	237.21	74.911	16.311	0.05066	26.051	0
"2011-05-19	00:00:00"	5.4134	212.5	73.711	16.543	0.06444	26.06	0
"2011-05-19	01:00:00"	11.393	183.97	73.84	31.063	0.06046	26.075	0
"2011-05-19	02:00:00"	9.6393	207.17	513.79	42.329	0.04494	26.093	0
"2011-05-19	03:00:00"	6.0584	203.96	69.765	51.818	0.04324	26.09	0
"2011-05-19	04:00:00"	4.0395	217.82	66.443	59.576	0.06953	26.099	0
"2011-05-19	05:00:00"	2.6719	167.24	64.267	62.939	0.05829	26.107	0
"2011-05-19	06:00:00"	2.4184	233.16	63.717	50.275	0.06974	26.119	0
"2011-05-19	07:00:00"	1.7871	192.57	61.576	35.69	1.8796	26.137	0
"2011-05-19	08:00:00"	1.8697	282.35	63.444	30.759	89.453	26.167	0
"2011-05-19	09:00:00"	6.2696	346.27	67.652	26.729	286.93	26.181	0
"2011-05-19	10:00:00"	5.2307	327.62	72.051	25.318	503.22	26.196	0
"2011-05-19	11:00:00"	8.4898	271.23	75.869	22.613	704.86	26.196	0
"2011-05-19	12:00:00"	14.511	238.84	79.35	20.49	867.96	26.196	0
"2011-05-19	13:00:00"	17.875	230.74	81.493	18.273	983.02	26.178	0
"2011-05-19	14:00:00"	18.823	227.59	83.202	16.809	1035.7	26.167	0
"2011-05-19	15:00:00"	18.435	233.19	84.528	15.697	1017.6	26.161	0
"2011-05-19	16:00:00"	19.179	232.63	85.903	14.646	939.55	26.14	0
"2011-05-19	17:00:00"	18.503	234.17	87.488	13.076	762.96	26.128	0
"2011-05-19	18:00:00"	15.261	210.9	88.47	12.147	618.32	26.105	0
"2011-05-19	19:00:00"	15.145	231.73	88.751	11.628	410.39	26.105	0
"2011-05-19	20:00:00"	10.874	254.04	86.7	12.495	141.96	26.11	0
"2011-05-19	21:00:00"	6.6251	295.07	83.752	14.74	49.182	26.122	0
"2011-05-19	22:00:00"	7.3148	315.95	80.087	16.806	0.06359	26.143	0
"2011-05-19	23:00:00"	8.6414	325.56	75.385	18.484	0.07207	26.164	0
"2011-05-20	00:00:00"	7.8777	323.08	72.536	18.325	0.05533	26.193	0
"2011-05-20	01:00:00"	11.599	329.29	71.908	19.182	0.07969	26.214	0
"2011-05-20	02:00:00"	8.171	352.47	68.891	21.938	0.05003	26.226	0
"2011-05-20	03:00:00"	2.9018	350.78	63.657	25.993	0.05829	26.232	0
"2011-05-20	04:00:00"	3.873	14.071	59.137	29.73	0.07398	26.258	0
"2011-05-20	05:00:00"	3.7574	2.4381	56.679	31.516	0.09836	26.285	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-20	06:00:00"	3.9699	11.541	53.155	35.118	0.06402	26.308	0
"2011-05-20	07:00:00"	3.5704	353.11	53.538	34.289	0.50642	26.323	0
"2011-05-20	08:00:00"	1.3447	326.3	56.982	30.799	34.043	26.335	0
"2011-05-20	09:00:00"	1.2937	335.61	58.871	29.117	122.76	26.364	0
"2011-05-20	10:00:00"	4.4378	33.644	64.015	24.429	424.16	26.376	0
"2011-05-20	11:00:00"	5.3314	340.71	67.104	21.431	715.38	26.373	0
"2011-05-20	12:00:00"	10.023	281.45	70.907	17.484	871.75	26.367	0
"2011-05-20	13:00:00"	13.747	270.39	73.479	14.519	1005.6	26.347	0
"2011-05-20	14:00:00"	14.658	262.15	76.477	12.472	1058.1	26.326	0
"2011-05-20	15:00:00"	14.986	264.24	78.519	9.6881	1047.5	26.314	0
"2011-05-20	16:00:00"	15.06	259.93	79.139	7.3369	971	26.302	0
"2011-05-20	17:00:00"	13.924	265.84	80.55	6.6967	830.73	26.288	0
"2011-05-20	18:00:00"	15.906	253.01	80.844	6.322	649.29	26.282	0
"2011-05-20	19:00:00"	15.475	259.5	80.417	6.4331	433.65	26.279	0
"2011-05-20	20:00:00"	15.254	259.83	78.985	7.1714	213.26	26.288	0
"2011-05-20	21:00:00"	12.742	257.01	76.066	8.8258	40.208	26.302	0
"2011-05-20	22:00:00"	7.4291	251.27	71.083	11.179	0.07334	26.314	0
"2011-05-20	23:00:00"	3.3504	241.34	65.708	14.486	0.07483	26.326	0
"2011-05-21	00:00:00"	3.4082	246.25	62.627	16.444	0.08288	26.329	0
"2011-05-21	01:00:00"	2.4992	196.41	59.629	18.229	0.08564	26.335	0
"2011-05-21	02:00:00"	3.1528	225.27	58.982	18.157	0.06105	26.335	0
"2011-05-21	03:00:00"	2.7645	221.9	57.13	19.106	0.08161	26.326	0
"2011-05-21	04:00:00"	2.7092	220.94	54.849	20.547	0.08013	26.332	0
"2011-05-21	05:00:00"	3.9221	263.28	55.381	20.06	0.07568	26.344	0
"2011-05-21	06:00:00"	3.8488	262.22	55.245	20.63	0.0708	26.35	0
"2011-05-21	07:00:00"	3.686	273.11	54.387	22.705	2.7426	26.367	0
"2011-05-21	08:00:00"	2.7291	247.26	53.506	24.754	98.327	26.394	0
"2011-05-21	09:00:00"	5.7216	274.04	62.115	24.519	295.43	26.409	0
"2011-05-21	10:00:00"	9.571	310.1	69.304	23.881	514.85	26.412	0
"2011-05-21	11:00:00"	9.8319	300.53	73.027	20.892	717.75	26.403	0
"2011-05-21	12:00:00"	10.664	268.13	75.888	18.133	885.92	26.394	0
"2011-05-21	13:00:00"	13.889	246.4	78.322	15.894	1001.7	26.382	0
"2011-05-21	14:00:00"	13.423	248.82	80.739	13.475	1056.1	26.364	0
"2011-05-21	15:00:00"	12.434	252.74	82.942	11.306	1039.2	26.35	0
"2011-05-21	16:00:00"	12.49	245.68	84.533	10.222	956.43	26.326	0
"2011-05-21	17:00:00"	13.531	254.96	85.792	10.264	817.36	26.302	0
"2011-05-21	18:00:00"	13.79	237.03	86.166	10.282	632.5	26.291	0
"2011-05-21	19:00:00"	16.747	237.46	85.717	9.2522	423.17	26.288	0
"2011-05-21	20:00:00"	13.807	251.51	84.252	10.052	209.38	26.285	0
"2011-05-21	21:00:00"	7.7845	252.62	81.004	11.788	40.447	26.285	0
"2011-05-21	22:00:00"	2.3873	236.55	73.923	14.694	0.06614	26.296	0
"2011-05-21	23:00:00"	2.629	243.88	69.665	16.45	0.06084	26.317	0
"2011-05-22	00:00:00"	3.8059	258.69	68.092	17.15	0.05935	26.32	0
"2011-05-22	01:00:00"	4.6155	280.88	68.273	17.396	0.07123	26.32	0
"2011-05-22	02:00:00"	4.2638	265.36	68.59	17.951	0.08394	26.314	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-22	03:00:00"	4.659	297.88	66.825	19.249	0.06953	26.308	0
"2011-05-22	04:00:00"	4.4018	308.4	66.11	19.661	0.07504	26.314	0
"2011-05-22	05:00:00"	3.6959	325.09	62.329	22.222	0.09433	26.32	0
"2011-05-22	06:00:00"	3.6356	318.66	61.281	23.376	0.08394	26.332	0
"2011-05-22	07:00:00"	3.9358	290.77	59.212	25.041	3.2138	26.353	0
"2011-05-22	08:00:00"	2.2233	13.655	61.579	23.838	100.25	26.364	0
"2011-05-22	09:00:00"	1.6684	303.33	71.14	18.194	286.96	26.379	0
"2011-05-22	10:00:00"	5.5432	15.931	78.138	15.031	504.09	26.379	0
"2011-05-22	11:00:00"	3.6704	29.641	81.717	12.771	703.3	26.379	0
"2011-05-22	12:00:00"	4.3639	179.15	84.163	11.371	870.41	26.367	0
"2011-05-22	13:00:00"	6.9637	209.33	85.673	10.413	985.31	26.356	0
"2011-05-22	14:00:00"	7.3676	230.33	87.949	9.1142	1006.1	26.335	0
"2011-05-22	15:00:00"	8.8477	213.9	89.599	8.1703	1034.2	26.32	0
"2011-05-22	16:00:00"	10.397	213.47	91.097	7.5964	959.14	26.299	0
"2011-05-22	17:00:00"	11.499	214.58	92.097	7.0314	700.95	26.279	0
"2011-05-22	18:00:00"	11.655	236.44	91.389	7.0042	479.22	26.249	0
"2011-05-22	19:00:00"	9.195	249.77	91.039	7.047	305.4	26.234	0
"2011-05-22	20:00:00"	7.7777	224.51	90.498	7.2686	198.88	26.223	0
"2011-05-22	21:00:00"	4.2054	179.98	85.414	8.8467	27.083	26.226	0
"2011-05-22	22:00:00"	5.3177	164.59	78.933	11.373	0.05363	26.24	0
"2011-05-22	23:00:00"	8.0064	176.68	78.919	33.985	0.06381	26.264	0
"2011-05-23	00:00:00"	5.9645	213.49	76.038	42.86	0.05766	26.27	0
"2011-05-23	01:00:00"	4.9536	205.21	73.344	56.101	0.0708	26.267	0
"2011-05-23	02:00:00"	5.3419	196.44	71.937	69.589	0.06126	26.264	0
"2011-05-23	03:00:00"	3.4399	203.9	69.53	78.666	0.07801	26.258	0
"2011-05-23	04:00:00"	3.0404	244.47	68.39	82.934	0.07017	26.252	0
"2011-05-23	05:00:00"	3.8152	258.34	66.804	84.576	0.0725	26.255	0
"2011-05-23	06:00:00"	2.2742	213.03	64.46	89.894	0.07525	26.258	0
"2011-05-23	07:00:00"	3.845	239.25	63.3	92.062	2.3297	26.273	0
"2011-05-23	08:00:00"	5.0791	263.71	63.432	90.484	94.852	26.288	0
"2011-05-23	09:00:00"	8.8191	280.68	70.409	42.514	293.13	26.308	0
"2011-05-23	10:00:00"	12.746	285.93	78.95	14.556	517.13	26.323	0
"2011-05-23	11:00:00"	11.864	286.3	83.708	11.147	716.99	26.323	0
"2011-05-23	12:00:00"	11.678	286.79	87.195	9.0686	885.48	26.317	0
"2011-05-23	13:00:00"	11.286	282.41	88.751	7.2922	1005.1	26.311	0
"2011-05-23	14:00:00"	11.354	262.39	90.255	6.4167	1058.6	26.296	0
"2011-05-23	15:00:00"	12.513	260.93	91.68	5.5922	1046.2	26.285	0
"2011-05-23	16:00:00"	12.358	245.44	92.082	5.3172	967.47	26.27	0
"2011-05-23	17:00:00"	13.359	243.85	92.58	4.7256	830.8	26.252	0
"2011-05-23	18:00:00"	11.809	254.06	92.836	4.5531	647.3	26.229	0
"2011-05-23	19:00:00"	13.669	236	92.383	4.4664	435.18	26.22	0
"2011-05-23	20:00:00"	14.753	227.6	90.37	4.9228	213.09	26.223	0
"2011-05-23	21:00:00"	11.882	227.61	86.142	5.5936	40.638	26.24	0
"2011-05-23	22:00:00"	6.2392	229.67	79.13	6.8517	0.05808	26.24	0
"2011-05-23	23:00:00"	4.6516	239.33	74.267	8.2908	0.07144	26.246	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-24	00:00:00"	3.4629	262.74	73.53	8.8314	0.0619	26.243	0
"2011-05-24	01:00:00"	1.4223	315.18	71.297	9.9603	0.07292	26.229	0
"2011-05-24	02:00:00"	1.5329	64.772	68.085	11.123	0.06423	26.214	0
"2011-05-24	03:00:00"	3.3946	168.21	64.927	12.434	0.0814	26.214	0
"2011-05-24	04:00:00"	3.3859	196.88	63.274	12.752	0.06275	26.22	0
"2011-05-24	05:00:00"	3.2467	175.96	62.729	13.174	0.05999	26.217	0
"2011-05-24	06:00:00"	3.3846	175.4	62.903	13.834	0.06932	26.217	0
"2011-05-24	07:00:00"	2.5681	192.33	61.517	22.786	3.1854	26.226	0
"2011-05-24	08:00:00"	2.3755	280.3	63.948	20.725	99.041	26.252	0
"2011-05-24	09:00:00"	9.5741	285.57	73.447	13.556	298.1	26.273	0
"2011-05-24	10:00:00"	19.858	289.15	78.845	12.845	514.17	26.279	0
"2011-05-24	11:00:00"	17.512	285.68	80.557	12.476	719.44	26.276	0
"2011-05-24	12:00:00"	17.744	263.55	82.568	11.704	885.71	26.267	0
"2011-05-24	13:00:00"	16.011	254.23	84.646	10.902	980.79	26.255	0
"2011-05-24	14:00:00"	21.357	255.33	86.234	7.8808	1033.9	26.24	0
"2011-05-24	15:00:00"	24.389	263.42	86.121	6.2081	1035.5	26.246	0
"2011-05-24	16:00:00"	25.416	263.49	85.652	5.3364	950.37	26.237	0
"2011-05-24	17:00:00"	26.021	260.74	85.789	4.7975	808.4	26.223	0
"2011-05-24	18:00:00"	26.157	259.81	85.667	4.2464	620.28	26.217	0
"2011-05-24	19:00:00"	25.277	258.42	85.19	3.8306	403.95	26.217	0
"2011-05-24	20:00:00"	22.836	258.8	84.244	3.6458	192.2	26.22	0
"2011-05-24	21:00:00"	17.941	254.72	82.132	3.8192	33.545	26.237	0
"2011-05-24	22:00:00"	14.834	254.81	79.547	4.2828	0.06084	26.264	0
"2011-05-24	23:00:00"	10.086	252.85	75.973	4.8595	0.06995	26.288	0
"2011-05-25	00:00:00"	6.3815	260.49	70.475	5.8739	0.06889	26.294	0
"2011-05-25	01:00:00"	5.652	290.74	67.712	6.7239	0.05151	26.308	0
"2011-05-25	02:00:00"	6.4455	319.94	66.879	7.5992	0.08076	26.305	0
"2011-05-25	03:00:00"	3.5698	230.66	60.176	9.7417	0.05511	26.311	0
"2011-05-25	04:00:00"	3.3796	266.2	61.278	9.4964	0.06381	26.314	0
"2011-05-25	05:00:00"	3.4306	282.84	60.794	9.947	0.07059	26.323	0
"2011-05-25	06:00:00"	2.0586	339.24	57.859	11.364	0.0725	26.344	0
"2011-05-25	07:00:00"	5.9813	321.13	60.691	15.669	3.5912	26.37	0
"2011-05-25	08:00:00"	6.9531	319.74	62.025	18.691	97.177	26.388	0
"2011-05-25	09:00:00"	14.814	330.78	69.189	18.006	296.15	26.406	0
"2011-05-25	10:00:00"	19.349	332.4	74.337	15.869	511.51	26.418	0
"2011-05-25	11:00:00"	20.773	332.13	77.606	13.779	713.71	26.423	0
"2011-05-25	12:00:00"	18.052	326.15	79.487	12.631	879.5	26.435	0
"2011-05-25	13:00:00"	14.225	314.44	81.478	11.237	972.92	26.432	0
"2011-05-25	14:00:00"	12.421	300.12	83.202	10.207	1046.6	26.42	0
"2011-05-25	15:00:00"	11.403	305.82	84.678	9.7172	1030.7	26.409	0
"2011-05-25	16:00:00"	12.303	298.75	86.347	9.4833	947.15	26.391	0
"2011-05-25	17:00:00"	10.258	279.09	87.253	9.2572	810.81	26.376	0
"2011-05-25	18:00:00"	9.5921	293.84	88.173	8.8172	627.42	26.37	0
"2011-05-25	19:00:00"	8.3736	286.85	87.987	8.6931	420.03	26.37	0
"2011-05-25	20:00:00"	5.4022	306.2	87.224	8.6675	206.78	26.376	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-25	21:00:00"	3.402	353.54	84.076	9.4019	40.468	26.397	0
"2011-05-25	22:00:00"	5.7266	57.465	73.437	12.806	0.07017	26.415	0
"2011-05-25	23:00:00"	7.8796	67.82	72.059	17.218	0.06381	26.441	0
"2011-05-26	00:00:00"	9.6505	71.896	70.514	22.547	0.06974	26.453	0
"2011-05-26	01:00:00"	8.9465	75.964	68.071	26.982	0.06444	26.459	0
"2011-05-26	02:00:00"	9.1466	77.897	65.732	31.189	0.0566	26.459	0
"2011-05-26	03:00:00"	8.985	78.728	63.235	36.681	0.07652	26.462	0
"2011-05-26	04:00:00"	7.1601	69.207	59.171	42.7	0.05745	26.471	0
"2011-05-26	05:00:00"	8.3264	71.158	58.484	47.046	0.06444	26.488	0
"2011-05-26	06:00:00"	8.002	71.246	57.438	52.354	0.06084	26.497	0
"2011-05-26	07:00:00"	9.9047	74.573	56.253	60.975	3.3531	26.512	0
"2011-05-26	08:00:00"	9.7046	73.451	55.583	62.834	94.922	26.533	0
"2011-05-26	09:00:00"	12.242	91.861	59.409	55.589	288.41	26.553	0
"2011-05-26	10:00:00"	11.051	105.38	62.805	48.066	502.33	26.565	0
"2011-05-26	11:00:00"	10.194	113.35	65.975	43.618	703.28	26.55	0
"2011-05-26	12:00:00"	9.9599	129.75	69.441	38.671	869.31	26.533	0
"2011-05-26	13:00:00"	11.359	146	73.322	33.399	984.13	26.506	0
"2011-05-26	14:00:00"	12.111	159.22	77.422	27.989	1037.1	26.471	0
"2011-05-26	15:00:00"	12.618	174.37	81.464	23.831	1008.4	26.441	0
"2011-05-26	16:00:00"	12.509	182.78	84.578	19.787	923.95	26.4	0
"2011-05-26	17:00:00"	13.353	187.7	87.539	16.531	845.29	26.361	0
"2011-05-26	18:00:00"	13.282	193.8	88.284	14.701	439.65	26.341	0
"2011-05-26	19:00:00"	11.879	185.61	88.574	14.624	347.41	26.317	0
"2011-05-26	20:00:00"	11.108	181.23	87.871	14.487	131.39	26.302	0
"2011-05-26	21:00:00"	9.9444	166.56	85.469	16.048	26.579	26.285	0
"2011-05-26	22:00:00"	8.844	159.35	81.988	17.943	0.12146	26.285	0
"2011-05-26	23:00:00"	7.91	162.21	79.199	20.636	0.04748	26.302	0
"2011-05-27	00:00:00"	7.8672	174.04	77.137	26.131	0.05575	26.305	0
"2011-05-27	01:00:00"	10.972	168.72	77.312	31.783	0.04059	26.285	0
"2011-05-27	02:00:00"	11.807	175.18	76.457	42.199	0.06147	26.267	0
"2011-05-27	03:00:00"	12.406	182.15	75.178	52.545	0.06868	26.255	0
"2011-05-27	04:00:00"	10.962	187.97	73.545	59.929	0.05511	26.255	0
"2011-05-27	05:00:00"	4.7224	201.26	69.598	68.295	0.06656	26.24	0
"2011-05-27	06:00:00"	6.8568	195.69	67.428	70.093	0.0549	26.246	0
"2011-05-27	07:00:00"	3.4107	199.02	64.208	72.874	3.3073	26.258	0
"2011-05-27	08:00:00"	3.6294	222.11	63.058	71.099	72.42	26.282	0
"2011-05-27	09:00:00"	3.5984	234.59	67.185	59.305	242.71	26.305	0
"2011-05-27	10:00:00"	3.4175	257.05	75.773	33.197	439.25	26.32	0
"2011-05-27	11:00:00"	3.8668	238.8	81.366	20.63	663.51	26.308	0
"2011-05-27	12:00:00"	4.7535	232.32	88.322	11.041	814.42	26.299	0
"2011-05-27	13:00:00"	9.9363	253.94	93.432	6.6989	985.22	26.285	0
"2011-05-27	14:00:00"	9.1379	253.65	95.256	5.8628	1057.6	26.267	0
"2011-05-27	15:00:00"	10.153	265.16	97.26	5.5986	1051.7	26.243	0
"2011-05-27	16:00:00"	10.252	267.69	99.476	5.385	939.98	26.217	0
"2011-05-27	17:00:00"	12.945	238.53	101.26	5.0461	832.33	26.193	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-27	18:00:00"	11.779	248.79	101.86	4.7267	656.91	26.175	0
"2011-05-27	19:00:00"	12.408	234.89	101.49	4.7422	411.8	26.167	0
"2011-05-27	20:00:00"	12.89	239.82	100.55	4.7178	240.06	26.167	0
"2011-05-27	21:00:00"	11.443	229.22	95.868	5.8106	47.634	26.178	0
"2011-05-27	22:00:00"	7.3073	227.39	88.124	7.3831	0.08246	26.187	0
"2011-05-27	23:00:00"	3.558	227.12	81.297	9.337	0.05787	26.193	0
"2011-05-28	00:00:00"	3.4859	228.57	78.134	10.528	0.06614	26.19	0
"2011-05-28	01:00:00"	3.169	244.39	76.266	11.304	0.06296	26.181	0
"2011-05-28	02:00:00"	3.7158	236.32	75.09	12.004	0.05766	26.167	0
"2011-05-28	03:00:00"	3.6586	235.06	72.646	13.219	0.07038	26.161	0
"2011-05-28	04:00:00"	3.9165	246.36	70.266	14.492	0.05405	26.164	0
"2011-05-28	05:00:00"	3.7674	220.03	66.491	16.751	0.05405	26.169	0
"2011-05-28	06:00:00"	3.6593	188.33	63.705	18.342	0.0619	26.175	0
"2011-05-28	07:00:00"	3.2268	187.46	61.617	18.566	3.5613	26.187	0
"2011-05-28	08:00:00"	3.1678	208.61	65.58	17.446	108.43	26.205	0
"2011-05-28	09:00:00"	5.0319	249.69	76.288	13.316	307.63	26.229	0
"2011-05-28	10:00:00"	10.46	280.48	86.696	9.9181	526.53	26.24	0
"2011-05-28	11:00:00"	10.105	293.94	91.229	8.3489	729.19	26.237	0
"2011-05-28	12:00:00"	8.4078	283.7	93.137	7.3097	895.27	26.234	0
"2011-05-28	13:00:00"	7.1601	249.68	94.871	6.4833	1009.4	26.22	0
"2011-05-28	14:00:00"	9.7182	224.23	96.904	5.5225	1061.2	26.199	0
"2011-05-28	15:00:00"	11.694	228.92	98.67	5.0656	1046.2	26.172	0
"2011-05-28	16:00:00"	15.691	225.45	100.85	4.3997	967.55	26.152	0
"2011-05-28	17:00:00"	18.618	222.04	101.29	4.0219	829.9	26.134	0
"2011-05-28	18:00:00"	18.591	233.96	101.19	3.5053	651.32	26.122	0
"2011-05-28	19:00:00"	19.386	225.3	100.01	3.8967	439.12	26.113	0
"2011-05-28	20:00:00"	17.663	230.7	97.962	4.6319	223.17	26.119	0
"2011-05-28	21:00:00"	14.492	236.33	94.173	5.6075	46.02	26.134	0
"2011-05-28	22:00:00"	8.0126	245.16	87.371	7.0828	0.10005	26.14	0
"2011-05-28	23:00:00"	6.1671	252.37	83.503	8.2172	0.06423	26.143	0
"2011-05-29	00:00:00"	2.7272	225.82	79.168	9.6447	0.0744	26.14	0
"2011-05-29	01:00:00"	3.5154	192.46	75.738	10.793	0.05048	26.137	0
"2011-05-29	02:00:00"	4.9778	160.12	72.472	12.631	0.05999	26.131	0
"2011-05-29	03:00:00"	6.8419	182.41	72.214	32.037	0.05193	0	0
"2011-05-29	04:00:00"	10.197	187.09	74.841	46.771	0.06381	26.128	0
"2011-05-29	05:00:00"	10.212	185.32	74.755	47.661	0.05893	26.134	0
"2011-05-29	06:00:00"	7.7914	197.32	72.226	50.818	0.05723	26.14	0
"2011-05-29	07:00:00"	10.077	181.7	72.089	52.266	5.5441	26.155	0
"2011-05-29	08:00:00"	10.345	179.04	73.297	55.434	116.01	26.175	0
"2011-05-29	09:00:00"	11.221	182.1	78.319	43.752	317.56	26.19	0
"2011-05-29	10:00:00"	10.798	200.97	84.266	25.101	534.44	26.208	0
"2011-05-29	11:00:00"	7.6714	231.62	88.738	12.88	734.17	26.202	0
"2011-05-29	12:00:00"	9.1988	212.25	91.981	8.8492	891.13	26.199	0
"2011-05-29	13:00:00"	11.97	209.94	94.381	7.1495	1003.6	26.19	0
"2011-05-29	14:00:00"	12.536	213.83	96.906	6.295	1052	26.172	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-29	15:00:00"	17.019	220.87	99.416	5.5986	1030.8	26.158	0
"2011-05-29	16:00:00"	15.835	221.37	100.37	5.1947	947.43	26.14	0
"2011-05-29	17:00:00"	14.655	215.86	101.15	4.6581	806.26	26.116	0
"2011-05-29	18:00:00"	15.524	188.81	100.43	8.3514	616.74	26.102	0
"2011-05-29	19:00:00"	15.427	165.79	97.58	14.287	386.84	26.093	0
"2011-05-29	20:00:00"	17.293	166.64	94.25	21.694	173.52	26.119	0
"2011-05-29	21:00:00"	17.383	168.77	89.058	31.995	25.771	26.137	0
"2011-05-29	22:00:00"	15.997	169.06	85.111	39.398	0.07356	26.14	0
"2011-05-29	23:00:00"	17.502	164.82	83.945	40.3	0.05278	26.161	0
"2011-05-30	00:00:00"	18.165	170.78	83.076	41.307	0.06232	26.175	0
"2011-05-30	01:00:00"	17.916	175.08	82.455	42.286	0.07568	26.19	0
"2011-05-30	02:00:00"	16.867	177.53	81.363	44.89	0.05893	26.187	0
"2011-05-30	03:00:00"	15.093	175.08	79.865	47.249	0.05893	26.178	0
"2011-05-30	04:00:00"	14.838	174.52	78.321	49.165	0.05787	26.178	0
"2011-05-30	05:00:00"	14.976	176.77	76.105	51.187	0.05957	26.19	0
"2011-05-30	06:00:00"	13.549	184.82	73.31	63.256	0.06847	26.208	0
"2011-05-30	07:00:00"	10.665	194.91	70.825	72.71	4.3937	26.226	0
"2011-05-30	08:00:00"	9.5865	189.63	70.244	75.978	103.35	26.258	0
"2011-05-30	09:00:00"	13.128	192.25	72.847	70.505	300.26	26.282	0
"2011-05-30	10:00:00"	12.721	195.94	76.698	59.466	509.69	26.294	0
"2011-05-30	11:00:00"	11.208	203.94	81.693	40.127	707.87	26.302	0
"2011-05-30	12:00:00"	11.884	216.62	86.042	26.754	868.6	26.299	0
"2011-05-30	13:00:00"	17.992	227.68	91.936	12.959	991.43	26.291	0
"2011-05-30	14:00:00"	18.162	224.43	93.983	10.569	1040.6	26.282	0
"2011-05-30	15:00:00"	16.571	221.6	95.47	8.9767	1021.1	26.27	0
"2011-05-30	16:00:00"	16.436	214.43	96.776	8.0822	938.88	26.255	0
"2011-05-30	17:00:00"	19.023	228.58	98.007	6.9697	805.28	26.252	0
"2011-05-30	18:00:00"	16.152	245.55	98.531	6.0589	623.4	26.258	0
"2011-05-30	19:00:00"	17.485	248.29	97.404	5.9208	413.85	26.27	0
"2011-05-30	20:00:00"	15.613	249.47	95.606	6.1908	199.35	26.299	0
"2011-05-30	21:00:00"	10.804	256.85	92.024	6.7033	36.533	26.326	0
"2011-05-30	22:00:00"	4.9927	223.16	84.445	8.7489	0.05999	26.376	0
"2011-05-30	23:00:00"	3.2827	213.19	81.681	10.227	0.05787	26.415	0
"2011-05-31	00:00:00"	5.9937	184.14	80.006	28.674	0.04939	26.438	0
"2011-05-31	01:00:00"	6.2373	195.04	80.119	46.826	0.07483	26.444	0
"2011-05-31	02:00:00"	3.8283	198.39	77.235	52.323	0.05321	26.45	0
"2011-05-31	03:00:00"	1.9679	244.49	75.861	55.536	0.04706	26.456	0
"2011-05-31	04:00:00"	2.0443	266.48	75.395	56.313	0.06041	26.468	0
"2011-05-31	05:00:00"	7.1563	6.268	71.234	50.551	0.0619	26.497	0
"2011-05-31	06:00:00"	8.5022	26.426	72.048	17.878	0.04346	26.512	0
"2011-05-31	07:00:00"	6.3927	39.212	68.74	16.946	2.849	26.539	0
"2011-05-31	08:00:00"	7.4291	43.054	70.763	14.889	86.905	26.556	0
"2011-05-31	09:00:00"	11.977	37.393	74.521	11.101	299.86	26.571	0
"2011-05-31	10:00:00"	13.859	51.503	77.68	10.551	511.73	26.586	0
"2011-05-31	11:00:00"	9.1217	54.811	80.651	19.664	699.05	26.598	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-05-31	12:00:00"	7.6422	75.177	83.332	25.45	845.82	26.607	0
"2011-05-31	13:00:00"	7.3303	87.228	85.928	29.819	944.44	26.601	0
"2011-05-31	14:00:00"	8.3102	115.05	88.35	33.221	965.73	26.595	0
"2011-05-31	15:00:00"	9.3529	109.41	89.32	34.39	739.77	26.58	0
"2011-05-31	16:00:00"	11.323	123.95	90.506	32.952	783.54	26.568	0
"2011-05-31	17:00:00"	13.325	112.67	90.164	34.386	481.74	26.553	0
"2011-05-31	18:00:00"	15.321	120.8	89.517	35.682	407.89	26.55	0
"2011-05-31	19:00:00"	15.372	131.86	87.358	38.496	202.62	26.547	0
"2011-05-31	20:00:00"	14.412	141.89	85.057	42.382	104.56	26.559	0
"2011-05-31	21:00:00"	13.835	137.21	83.653	44.324	43.622	26.571	0
"2011-05-31	22:00:00"	14.019	141.28	82.506	46.086	0.04833	26.583	0
"2011-05-31	23:00:00"	12.938	124.73	81.218	47.34	0.0725	26.63	0
"2011-06-01	00:00:00"	8.9403	100.1	79.951	48.435	0.05151	26.651	0
"2011-06-01	01:00:00"	10.518	117.14	79.63	48.69	0.04714	0.02658	0
"2011-06-01	02:00:00"	10.668	129.38	78.783	49.368	0.05596	26.624	0
"2011-06-01	03:00:00"	10.741	151.08	77.534	50.307	0.06317	26.604	0
"2011-06-01	04:00:00"	11.896	155.56	76.885	50.076	0.0619	26.589	0
"2011-06-01	05:00:00"	11.443	151.8	75.744	51.669	0.05808	26.595	0
"2011-06-01	06:00:00"	10.792	157.42	74.487	55.625	0.05193	26.601	0
"2011-06-01	07:00:00"	8.4556	154.64	72.963	62.921	2.5452	26.612	0
"2011-06-01	08:00:00"	10.085	159.73	72.681	69.615	70.48	26.615	0
"2011-06-01	09:00:00"	13.799	161.15	74.05	68.462	227.42	26.618	0
"2011-06-01	10:00:00"	14.974	165.97	76.296	61.506	411.51	26.63	0
"2011-06-01	11:00:00"	15.619	168.02	80.32	50.636	666.5	26.627	0
"2011-06-01	12:00:00"	16.199	167.06	83.759	42.4	829.5	26.621	0
"2011-06-01	13:00:00"	16.53	168.95	86.472	35.337	949.52	26.609	0
"2011-06-01	14:00:00"	15.233	158.79	88.383	30.925	1007	26.589	0
"2011-06-01	15:00:00"	11.055	160.21	90.769	27.172	801.49	26.609	0
"2011-06-01	16:00:00"	12.411	153.24	92.194	25.845	446.94	26.58	0
"2011-06-01	17:00:00"	12.902	157.34	92.526	24.887	752.26	26.556	0
"2011-06-01	18:00:00"	13.464	161.23	92.136	23.541	572.69	26.533	0
"2011-06-01	19:00:00"	12.865	165.15	91.159	22.332	264.19	26.524	0
"2011-06-01	20:00:00"	13.113	161.47	88.168	23.875	73.801	26.524	0
"2011-06-01	21:00:00"	10.44	162.11	84.276	27.216	8.4516	26.536	0
"2011-06-01	22:00:00"	8.0207	163.05	81.326	29.361	0.06783	26.545	0
"2011-06-01	23:00:00"	6.6157	155.57	78.943	34.689	0.07165	26.553	0
"2011-06-02	00:00:00"	6.4349	157.31	77.399	38.155	0.07525	26.574	0
"2011-06-02	01:00:00"	7.81	163.55	77.132	39.667	0.07229	26.565	0
"2011-06-02	02:00:00"	5.2556	193.55	76.092	41.485	0.07059	26.592	0
"2011-06-02	03:00:00"	2.5396	183.53	74.445	43.717	0.07907	26.577	0
"2011-06-02	04:00:00"	2.9987	119.13	72.824	46.562	0.06656	26.556	0
"2011-06-02	05:00:00"	4.3428	134.39	72.065	48.7	0.08352	26.53	0
"2011-06-02	06:00:00"	5.9795	137.73	71.847	49.245	0.05427	26.512	0
"2011-06-02	07:00:00"	6.9177	136.34	71.239	49.1	2.4462	26.518	0
"2011-06-02	08:00:00"	8.4432	140.14	71.186	48.94	59.171	26.506	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-02	09:00:00"	10.374	161.68	72.684	47.881	161.51	26.533	0
"2011-06-02	10:00:00"	10.854	178.44	75.868	43.539	484.42	26.536	0
"2011-06-02	11:00:00"	11.454	172.87	79.889	37.756	709.77	26.524	0
"2011-06-02	12:00:00"	11.761	174.59	83.75	32.14	793.14	26.518	0
"2011-06-02	13:00:00"	11.772	166.46	87.589	27.813	752.27	26.459	0.1
"2011-06-02	14:00:00"	14.2	171.69	88.89	26.231	948.24	26.444	0
"2011-06-02	15:00:00"	14.433	174.34	90.966	24.328	944.66	26.42	0
"2011-06-02	16:00:00"	15.696	168.25	92.951	22.691	898.58	26.391	0
"2011-06-02	17:00:00"	15.852	164.85	94.151	20.913	747.01	26.364	0
"2011-06-02	18:00:00"	17.714	162.25	93.045	20.875	442.09	26.344	0
"2011-06-02	19:00:00"	18.531	157.04	90.267	20.73	176.67	26.335	0
"2011-06-02	20:00:00"	18.485	161.97	88.026	17.461	57.773	26.32	0
"2011-06-02	21:00:00"	17.91	162.82	86.266	17.075	18.845	26.356	0
"2011-06-02	22:00:00"	14.633	160.28	84.153	18.288	0.05914	26.382	0
"2011-06-02	23:00:00"	11.632	257.23	80.323	28.152	0.0602	26.488	0
"2011-06-03	00:00:00"	4.4647	0.60768	73.635	50.025	0.06126	26.5	0
"2011-06-03	01:00:00"	4.8417	55.036	71.481	54.528	0.06232	26.477	0
"2011-06-03	02:00:00"	5.9335	101.41	72.982	41.295	0.06105	26.471	0
"2011-06-03	03:00:00"	9.6741	132.03	75.153	28.696	0.05045	26.429	0
"2011-06-03	04:00:00"	11.203	127.4	75.381	29.389	0.06105	26.423	0
"2011-06-03	05:00:00"	8.9403	135.82	74.383	32.872	0.04685	26.426	0
"2011-06-03	06:00:00"	9.2323	150.53	73.414	36.47	0.03392	26.426	0
"2011-06-03	07:00:00"	6.6375	122.17	70.53	39.943	5.9997	26.438	0
"2011-06-03	08:00:00"	9.0608	126.19	70.108	42.539	76.717	26.453	0
"2011-06-03	09:00:00"	11.004	152.28	71.9	44.098	229.36	26.465	0
"2011-06-03	10:00:00"	15.857	166.32	76.857	40.592	506.31	26.471	0
"2011-06-03	11:00:00"	16.433	169.9	79.766	35.85	648.92	26.465	0
"2011-06-03	12:00:00"	15.471	172.61	83.617	29.604	771.77	26.465	0
"2011-06-03	13:00:00"	14.989	177.75	87.102	25.34	903.98	26.459	0
"2011-06-03	14:00:00"	15.254	172.01	89.431	22.718	1037.4	26.444	0
"2011-06-03	15:00:00"	15.353	159.74	91.523	19.793	1012.2	26.426	0
"2011-06-03	16:00:00"	14.963	164.88	92.495	16.406	828.7	26.418	0
"2011-06-03	17:00:00"	13.109	167.19	93.366	14.384	702.98	26.391	0
"2011-06-03	18:00:00"	15.08	165.87	93.598	13.392	605.23	26.394	0
"2011-06-03	19:00:00"	14.566	155.9	91.877	14.183	272.22	26.391	0
"2011-06-03	20:00:00"	14.85	154.59	89.312	15.576	109.68	26.406	0
"2011-06-03	21:00:00"	14.685	158.91	86.723	17.773	18.299	26.426	0
"2011-06-03	22:00:00"	9.0918	155.4	84.044	20.555	0.05702	26.465	0
"2011-06-03	23:00:00"	8.2568	165.35	82.414	23.637	0.07695	26.509	0
"2011-06-04	01:00:00"	6.8851	210.08	80.523	26.484	0.05035	26.536	0
"2011-06-04	02:00:00"	10.536	185.31	78.812	30.342	0.06677	26.533	0
"2011-06-04	03:00:00"	7.3819	157.01	76.523	34.391	0.06487	26.524	0
"2011-06-04	04:00:00"	10.638	146.33	76.516	34.184	0.05851	26.491	0
"2011-06-04	05:00:00"	10.749	133.92	74.87	36.334	0.05003	26.506	0
"2011-06-04	06:00:00"	5.0157	118.38	72.396	39.824	0.05872	26.527	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-04	07:00:00"	3.4548	165.03	69.957	45.119	2.0172	26.542	0
"2011-06-04	08:00:00"	7.0911	158.31	70.582	47.722	63.466	26.559	0
"2011-06-04	09:00:00"	8.9527	139.75	71.966	50.069	164.79	26.583	0
"2011-06-04	10:00:00"	13.403	149.77	75	52.274	471.81	26.601	0
"2011-06-04	11:00:00"	13.301	157.41	78.25	46.807	676.09	26.604	0
"2011-06-04	12:00:00"	13.61	159.53	81.406	41.034	828.52	26.598	0
"2011-06-04	13:00:00"	13.013	147.45	83.5	36.325	952.71	26.598	0
"2011-06-04	14:00:00"	12.29	144.17	85.584	30.145	1015.6	26.565	0
"2011-06-04	15:00:00"	11.925	144.62	87.565	25.4	1001.6	26.577	0
"2011-06-04	16:00:00"	11.928	148.94	88.946	22.635	933.4	26.562	0
"2011-06-04	17:00:00"	11.412	138.47	90.411	19.223	808.82	26.553	0
"2011-06-04	18:00:00"	11.421	135.78	90.84	16.149	642.49	26.55	0
"2011-06-04	19:00:00"	10.625	132.11	89.998	16.06	394.53	26.545	0
"2011-06-04	20:00:00"	10.907	137.6	86.93	19.375	95.281	26.556	0
"2011-06-04	21:00:00"	7.1781	128.26	84.34	19.413	19.99	26.577	0
"2011-06-04	22:00:00"	5.4115	109.84	80.742	22.282	0.06571	26.577	0
"2011-06-04	23:00:00"	5.2556	124.4	77.855	25.935	0.06317	26.609	0
"2011-06-05	00:00:00"	5.0611	166.18	75.323	28.626	0.07356	26.621	0
"2011-06-05	01:00:00"	5.7646	158.08	73.327	32.117	0.06299	26.621	0
"2011-06-05	02:00:00"	5.6688	175.91	71.909	35.002	0.05257	26.618	0
"2011-06-05	03:00:00"	6.1665	158.31	70.793	38.752	0.05766	26.604	0
"2011-06-05	04:00:00"	6.635	131.33	70.939	40.845	0.07631	26.598	0
"2011-06-05	05:00:00"	7.175	119.05	71.967	40.863	0.06995	26.612	0
"2011-06-05	06:00:00"	6.8761	132.5	71.181	44.687	0.06381	26.618	0
"2011-06-05	07:00:00"	7.1899	153.14	69.673	50.068	6.8595	26.618	0
"2011-06-05	08:00:00"	9.0068	162.23	70.874	54.849	105.97	26.636	0
"2011-06-05	09:00:00"	12.824	164.86	74.234	54.5	289.65	26.648	0
"2011-06-05	10:00:00"	14.455	165.6	77.508	48.599	501.29	26.66	0
"2011-06-05	11:00:00"	12.939	172.26	80.313	41.954	692.85	26.651	0
"2011-06-05	12:00:00"	12.174	158.99	82.634	34.015	801.08	26.645	0
"2011-06-05	13:00:00"	10.801	153.61	85.016	27.081	856.84	26.633	0
"2011-06-05	14:00:00"	10.028	162	86.439	23.4	881.87	26.615	0
"2011-06-05	15:00:00"	9.3877	159.58	88.746	19.142	1039.8	26.595	0
"2011-06-05	16:00:00"	9.1205	158.15	89.843	16.332	953	26.574	0
"2011-06-05	17:00:00"	8.5033	155.9	90.667	15.241	776.95	26.547	0
"2011-06-05	18:00:00"	8.555	151.67	91.132	15.852	647.11	26.53	0
"2011-06-05	19:00:00"	8.683	159.04	90.691	15.97	434.25	26.512	0
"2011-06-05	20:00:00"	9.8674	148.07	89.216	14.131	166.21	26.512	0
"2011-06-05	21:00:00"	7.1184	155.17	85.442	14.104	25.861	26.521	0
"2011-06-05	22:00:00"	4.5938	153.06	79.746	16.199	0.11065	26.527	0
"2011-06-05	23:00:00"	5.7781	147.89	77.701	16.496	0.06783	26.539	0
"2011-06-06	00:00:00"	6.2541	156.34	75.426	17.292	0.06529	26.55	0
"2011-06-06	01:00:00"	6.141	147.42	73.047	19.249	0.05639	26.55	0
"2011-06-06	02:00:00"	5.3873	172.96	70.302	22.082	0.06635	26.547	0
"2011-06-06	03:00:00"	7.7783	172.01	70.583	25.209	0.05914	26.533	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-06	04:00:00"	7.2762	167.73	71.072	27.351	0.0744	26.524	0
"2011-06-06	05:00:00"	4.5155	153.72	68.318	31.321	0.05872	0.26282	0
"2011-06-06	06:00:00"	5.7464	150.18	68.112	32.491	0.05702	26.518	0
"2011-06-06	07:00:00"	6.4473	149.58	67.907	32.938	2.492	26.515	0
"2011-06-06	08:00:00"	6.6978	143.1	69.01	33.192	91.62	26.515	0
"2011-06-06	09:00:00"	11.911	163.63	74.873	29.061	285.4	26.515	0
"2011-06-06	10:00:00"	14.418	173.83	79.485	25.657	503.02	26.518	0
"2011-06-06	11:00:00"	14.371	177.97	82.628	22.864	700.73	26.515	0
"2011-06-06	12:00:00"	13.674	180.37	85.153	20.088	864.3	26.506	0
"2011-06-06	13:00:00"	12.804	171.21	87.554	17.918	976.02	26.488	0
"2011-06-06	14:00:00"	12.942	175.85	90.201	15.251	1025.3	26.474	0
"2011-06-06	15:00:00"	12.104	177.27	91.292	14.068	768.76	26.45	0
"2011-06-06	16:00:00"	12.406	172.59	93.144	13.168	929.76	26.429	0
"2011-06-06	17:00:00"	12.401	179.35	93.863	12.17	721.95	26.406	0
"2011-06-06	18:00:00"	10.248	181.41	93.622	11.577	531.34	26.385	0
"2011-06-06	19:00:00"	11.275	179.6	93.597	11.095	356.37	26.367	0
"2011-06-06	20:00:00"	10.593	176.4	92.146	11.233	166.37	26.376	0
"2011-06-06	21:00:00"	7.2607	160.18	88.261	12.405	23.924	26.388	0
"2011-06-06	22:00:00"	6.9569	181.91	83.451	14.928	0.08967	26.394	0
"2011-06-06	23:00:00"	8.3332	175	83.465	18.951	0.06084	26.382	0
"2011-06-07	00:00:00"	9.1721	147.32	81.106	21.381	0.06762	26.394	0
"2011-06-07	01:00:00"	10.673	162.53	79.901	21.715	0.05872	26.403	0
"2011-06-07	02:00:00"	11.301	164.85	79.227	21.593	0.06423	26.391	0
"2011-06-07	03:00:00"	8.7756	166.05	77.091	24.388	0.05321	26.379	0
"2011-06-07	04:00:00"	7.7709	172.78	74.726	27.468	0.05257	26.367	0
"2011-06-07	05:00:00"	7.7174	180.9	73.416	30.341	0.05342	26.361	0
"2011-06-07	06:00:00"	6.978	182.92	72.081	33.061	0.06529	26.376	0
"2011-06-07	07:00:00"	5.0337	182.38	68.396	38.179	1.6403	26.379	0
"2011-06-07	08:00:00"	7.1203	168.4	70.033	37.902	74.514	26.391	0
"2011-06-07	09:00:00"	10.369	175.96	76.166	31.958	281.71	26.412	0
"2011-06-07	10:00:00"	11.846	192.27	81.203	25.741	468.68	26.409	0
"2011-06-07	11:00:00"	10.432	190.04	85.17	22.208	681.51	26.4	0
"2011-06-07	12:00:00"	9.1323	208.42	88.223	18.957	844.92	26.394	0
"2011-06-07	13:00:00"	6.8786	233.65	91.481	15.995	958.73	26.385	0
"2011-06-07	14:00:00"	5.1891	245.54	94.581	12.956	1021.7	26.361	0
"2011-06-07	15:00:00"	5.9683	218.94	97.134	11.158	1009.8	26.338	0
"2011-06-07	16:00:00"	6.791	209.01	98.373	10.016	949.94	26.311	0
"2011-06-07	17:00:00"	5.857	163.32	97.526	10.342	348.63	26.299	0
"2011-06-07	18:00:00"	8.1014	189.02	98.308	10.067	525.26	26.291	0
"2011-06-07	19:00:00"	5.6986	157.53	98.165	9.9017	325.86	26.282	0
"2011-06-07	20:00:00"	6.3896	236.33	96.512	10.367	138.41	26.285	0
"2011-06-07	21:00:00"	6.6698	158.18	94.465	11.065	31.387	26.294	0
"2011-06-07	22:00:00"	7.9417	179.55	89.61	13.926	0.24441	26.305	0
"2011-06-07	23:00:00"	12.707	180.76	87.929	17.985	0.05575	26.338	0
"2011-06-08	00:00:00"	11.658	181.29	84.939	20.589	0.06296	26.353	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-08	01:00:00"	12.314	178.47	82.808	21.544	0.0602	26.35	0
"2011-06-08	02:00:00"	13.159	179.81	81.156	24.002	0.05681	26.344	0
"2011-06-08	03:00:00"	12.852	182.69	79.531	26.837	0.05575	26.332	0
"2011-06-08	04:00:00"	10.532	191.46	77.553	30.072	0.05681	26.341	0
"2011-06-08	05:00:00"	7.5633	194.02	75.17	33.442	0.07207	26.341	0
"2011-06-08	06:00:00"	6.8947	190.92	73.186	36.152	0.0496	26.344	0
"2011-06-08	07:00:00"	5.4761	210.92	70.756	39.219	2.8511	26.356	0
"2011-06-08	08:00:00"	4.4105	230.84	69.24	41.485	87.555	26.367	0
"2011-06-08	09:00:00"	9.2466	208.83	76.149	33.509	274.07	26.382	0
"2011-06-08	10:00:00"	10.078	210.9	80.626	28.501	486.43	26.388	0
"2011-06-08	11:00:00"	8.4817	232.73	85.72	22.32	683.05	26.388	0
"2011-06-08	12:00:00"	5.6253	251.61	91.345	15.777	849.46	26.382	0
"2011-06-08	13:00:00"	4.5633	279.93	96.192	9.2328	961.89	26.367	0
"2011-06-08	14:00:00"	6.2529	279.44	98.879	6.7792	984.65	26.347	0
"2011-06-08	15:00:00"	8.2033	245.43	100.49	6.2444	1029.6	26.332	0
"2011-06-08	16:00:00"	8.3481	229.66	101.25	6.2422	1003.4	26.314	0
"2011-06-08	17:00:00"	9.3628	216.32	101.33	6.3503	798.6	26.296	0
"2011-06-08	18:00:00"	8.555	215.84	100.86	6.5728	481.83	26.288	0
"2011-06-08	19:00:00"	9.2342	222.63	100.86	6.4878	416.06	26.282	0
"2011-06-08	20:00:00"	8.4867	219.83	99.476	6.8367	201.56	26.288	0
"2011-06-08	21:00:00"	6.5996	235.42	96.008	7.9714	50.095	26.291	0
"2011-06-08	22:00:00"	8.9167	196.55	89.95	14.954	0.21685	26.305	0
"2011-06-08	23:00:00"	13.665	182.47	89.308	21.637	0.06699	26.323	0
"2011-06-09	00:00:00"	18.135	178.34	86.543	26.819	0.07186	26.341	0
"2011-06-09	01:00:00"	15.089	180.45	83.335	30.239	0.05596	26.338	0
"2011-06-09	02:00:00"	12.29	169.93	80.91	34.677	0.06487	26.353	0
"2011-06-09	03:00:00"	8.4202	154.18	78.484	37.788	0.05617	26.35	0
"2011-06-09	04:00:00"	7.262	166.92	76.316	39.741	0.0602	26.347	0
"2011-06-09	05:00:00"	6.6866	169.88	74.268	41.932	0.05723	26.344	0
"2011-06-09	06:00:00"	4.2197	154.36	71.999	44.693	0.06953	26.358	0
"2011-06-09	07:00:00"	2.396	98.702	69.54	48.111	2.8675	26.376	0
"2011-06-09	08:00:00"	3.9414	191	70.491	47.389	85.992	26.385	0
"2011-06-09	09:00:00"	8.6203	205.34	75.359	40.569	270.26	26.403	0
"2011-06-09	10:00:00"	9.9749	213.28	79.917	33.156	435.4	26.406	0
"2011-06-09	11:00:00"	8.5656	229.11	84.927	24.465	603.67	26.397	0
"2011-06-09	12:00:00"	8.409	257.98	92.826	12.637	883.9	26.385	0
"2011-06-09	13:00:00"	8.9881	254.61	96.346	7.6808	955.8	26.376	0
"2011-06-09	14:00:00"	9.1006	241.43	97.522	6.5842	980.16	26.358	0
"2011-06-09	15:00:00"	9.4007	232.1	98.964	6.3944	1034.6	26.335	0
"2011-06-09	16:00:00"	11.716	198.27	100.13	6.6336	950.97	26.314	0
"2011-06-09	17:00:00"	11.449	198.87	100.56	6.3722	820.19	26.296	0
"2011-06-09	18:00:00"	12.252	226.34	101.05	6.4428	647.39	26.285	0
"2011-06-09	19:00:00"	11.786	221.76	100.38	6.5614	443.25	26.279	0
"2011-06-09	20:00:00"	10.788	228.76	99.099	6.9953	228.81	26.279	0
"2011-06-09	21:00:00"	5.7825	248.95	95.789	7.6425	58.136	26.288	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-09	22:00:00"	3.3939	246.31	89.353	8.507	0.43286	26.299	0
"2011-06-09	23:00:00"	11.672	177.2	87.68	19.784	0.05193	26.332	0
"2011-06-10	00:00:00"	11.286	181.99	85.706	30.644	0.06932	26.353	0
"2011-06-10	01:00:00"	9.4218	180.35	82.253	35.187	0.05787	26.35	0
"2011-06-10	02:00:00"	8.2077	178.24	79.33	39.113	0.04876	26.338	0
"2011-06-10	03:00:00"	6.8158	179.1	76.536	42.039	0.06359	26.326	0
"2011-06-10	04:00:00"	4.9194	199.83	74.307	43.329	0.06275	26.326	0
"2011-06-10	05:00:00"	4.1862	196.86	71.753	45.592	0.06826	26.332	0
"2011-06-10	06:00:00"	4.0389	187.13	70.611	45.533	0.05575	26.326	0
"2011-06-10	07:00:00"	5.0772	185.14	69.624	46.19	3.4269	26.341	0
"2011-06-10	08:00:00"	5.8608	200.12	70.991	44.278	93.417	26.347	0
"2011-06-10	09:00:00"	10.147	189.24	75.842	38.01	287.47	26.361	0
"2011-06-10	10:00:00"	8.1611	202.56	80.469	32.456	502.92	26.373	0
"2011-06-10	11:00:00"	4.9853	233.15	85.259	24.759	702.25	26.367	0
"2011-06-10	12:00:00"	6.0919	242.91	89.419	18.857	853.52	26.361	0
"2011-06-10	13:00:00"	5.3425	236.33	92.535	15.749	922.87	26.358	0
"2011-06-10	14:00:00"	6.4716	231.34	94.845	13.677	835.64	26.341	0
"2011-06-10	15:00:00"	7.9175	201.33	96.241	13.563	784.65	26.32	0
"2011-06-10	16:00:00"	8.1033	213.16	96.99	12.301	562.21	26.296	0
"2011-06-10	17:00:00"	10.055	206.6	99.499	9.5958	817.48	26.276	0
"2011-06-10	18:00:00"	10.273	214.64	99.897	8.1847	637.99	26.252	0
"2011-06-10	19:00:00"	11.767	229.85	100.12	5.7397	440.93	26.249	0
"2011-06-10	20:00:00"	11.444	235.32	98.872	4.7106	236.8	26.261	0
"2011-06-10	21:00:00"	8.299	240.29	95.03	4.6078	61.161	26.276	0
"2011-06-10	22:00:00"	7.8007	295.41	86.507	13.044	0.4335	26.308	0
"2011-06-10	23:00:00"	12.176	59.726	74.719	49.084	0.06635	26.335	0
"2011-06-11	00:00:00"	8.9415	77.319	72.462	54.277	0.04812	26.347	0
"2011-06-11	01:00:00"	9.909	103.91	73.078	53.046	0.06211	26.353	0
"2011-06-11	02:00:00"	8.7085	101.25	72.205	52.805	0.05342	26.353	0
"2011-06-11	03:00:00"	6.9283	96.803	71.144	51.92	0.07419	26.353	0
"2011-06-11	04:00:00"	5.6831	98.697	69.528	53.137	0.06953	26.344	0
"2011-06-11	05:00:00"	6.4045	104.57	68.228	53.742	0.05172	26.344	0
"2011-06-11	06:00:00"	7.0787	111.93	67.932	50.775	0.06423	26.356	0
"2011-06-11	07:00:00"	5.9788	124.52	66.58	51.141	4.257	26.373	0
"2011-06-11	08:00:00"	4.4602	149.41	67.693	50.213	100.85	26.388	0
"2011-06-11	09:00:00"	8.5967	188.66	72.653	49.32	284.07	26.397	0
"2011-06-11	10:00:00"	12.25	187.82	77.159	49.514	501.27	26.397	0
"2011-06-11	11:00:00"	11.798	186.54	81.641	42.377	711.65	26.397	0
"2011-06-11	12:00:00"	11.987	185.72	86.508	32.506	879.19	26.397	0
"2011-06-11	13:00:00"	11.528	208.84	91.53	17.571	993.7	26.388	0
"2011-06-11	14:00:00"	11.205	210.18	94.489	11.168	1052.4	26.373	0
"2011-06-11	15:00:00"	12.538	205.5	96.338	11.058	1037.3	26.356	0
"2011-06-11	16:00:00"	12.684	213.04	97.516	9.4022	966.2	26.335	0
"2011-06-11	17:00:00"	12.67	216.02	98.699	7.4095	835.13	26.317	0
"2011-06-11	18:00:00"	11.591	221	99.646	4.2781	672.94	26.305	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-11	19:00:00"	11.396	215.49	99.499	3.3931	462.09	26.294	0
"2011-06-11	20:00:00"	10.172	216.7	98.472	3.1617	251.08	26.288	0
"2011-06-11	21:00:00"	5.7893	212.12	93.781	3.5578	64.526	26.291	0
"2011-06-11	22:00:00"	11.946	177.61	87.796	20.466	0.48607	26.311	0
"2011-06-11	23:00:00"	11.605	175.74	85.373	29.238	0.05723	26.332	0
"2011-06-12	00:00:00"	10.525	181.68	82.044	32.405	0.06571	26.338	0
"2011-06-12	01:00:00"	10.408	186.66	79.736	34.489	0.0566	26.341	0
"2011-06-12	02:00:00"	9.379	193.17	77.482	39.118	0.05745	26.335	0
"2011-06-12	03:00:00"	8.3208	196.77	75.429	41.763	0.07907	26.329	0
"2011-06-12	04:00:00"	7.4844	189.2	73.245	42.571	0.06593	26.323	0
"2011-06-12	05:00:00"	8.8365	188.29	72.538	42.555	0.06084	26.32	0
"2011-06-12	06:00:00"	6.6977	192.82	70.94	46.002	0.06275	26.326	0
"2011-06-12	07:00:00"	4.0066	213.57	67.938	52.04	4.5463	26.347	0
"2011-06-12	08:00:00"	4.5105	218.31	67.111	54.212	103.78	26.367	0
"2011-06-12	09:00:00"	9.2156	192.2	74.149	45.177	296.85	26.388	0
"2011-06-12	10:00:00"	9.3032	187.14	79.077	39.944	515.17	26.4	0
"2011-06-12	11:00:00"	8.4724	201.57	83.354	34.966	719.01	26.403	0
"2011-06-12	12:00:00"	6.5816	176.71	88.218	27.77	880.25	26.403	0
"2011-06-12	13:00:00"	7.2769	173.26	92.052	22.408	988.88	26.394	0
"2011-06-12	14:00:00"	8.7626	182.37	95.902	16.762	1039.9	26.379	0
"2011-06-12	15:00:00"	10.005	184.62	99.242	10.549	1023.5	26.353	0
"2011-06-12	16:00:00"	11.3	181.35	100.77	8.2408	952.47	26.338	0
"2011-06-12	17:00:00"	11.051	169.45	101.4	7.3325	809.01	26.317	0
"2011-06-12	18:00:00"	10.551	179.68	99.648	9.02	275.64	26.329	0
"2011-06-12	19:00:00"	23.579	171.06	87.239	22.098	10.362	26.347	0
"2011-06-12	20:00:00"	11.934	118.01	86.986	21.902	106.24	26.341	0
"2011-06-12	21:00:00"	8.6899	126.21	85.539	23.786	33.503	26.358	0
"2011-06-12	22:00:00"	7.1973	124.61	83.515	25.619	0.32072	26.361	0
"2011-06-12	23:00:00"	5.3046	148.14	79.974	29.281	0.06041	26.37	0
"2011-06-13	00:00:00"	6.8152	169.51	80.038	26.351	0.05851	26.382	0
"2011-06-13	01:00:00"	10.277	168.79	81.158	30.774	0.07864	26.388	0
"2011-06-13	02:00:00"	11.39	183.59	79.619	34.689	0.06487	26.403	0
"2011-06-13	03:00:00"	11.31	188.46	77.626	36.341	0.0566	26.406	0
"2011-06-13	04:00:00"	11.8	178.92	76.471	36.441	0.06614	26.388	0
"2011-06-13	05:00:00"	12.79	175.61	75.925	36.718	0.06741	26.382	0
"2011-06-13	06:00:00"	12.066	182.2	75.097	38.207	0.07801	26.391	0
"2011-06-13	07:00:00"	7.9753	199.16	72.175	43.027	3.1903	26.415	0
"2011-06-13	08:00:00"	7.4229	201.85	71.804	44.394	92.3	26.429	0
"2011-06-13	09:00:00"	11.37	190.79	76.992	38.093	284.05	26.453	0
"2011-06-13	10:00:00"	13.553	187.13	80.534	33.845	478.88	26.465	0
"2011-06-13	11:00:00"	13.067	190.91	84.41	29.904	674.52	26.465	0
"2011-06-13	12:00:00"	12.462	191.28	89.127	22.874	858.19	26.468	0
"2011-06-13	13:00:00"	11.75	195.29	93.092	17.909	933.09	26.456	0
"2011-06-13	14:00:00"	11.549	189.06	96.372	14.377	1023.9	26.432	0
"2011-06-13	15:00:00"	11.304	205.74	98.751	11.318	1003.9	26.415	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-13	16:00:00"	11.909	201.63	100.1	10.19	931.73	26.391	0
"2011-06-13	17:00:00"	12.555	201.11	101.12	9.2764	778.18	26.37	0
"2011-06-13	18:00:00"	12.393	206.56	102.01	8.2894	636.12	26.35	0
"2011-06-13	19:00:00"	13.282	197.36	100.95	9.0356	350.77	26.344	0
"2011-06-13	20:00:00"	12.506	177.91	97.437	11.662	75.736	26.344	0
"2011-06-13	21:00:00"	11.525	179.48	94.056	11.711	20.969	26.367	0
"2011-06-13	22:00:00"	9.2752	174.05	90.318	13.001	0.23911	26.394	0
"2011-06-13	23:00:00"	8.5525	168.43	87.421	14.293	0.05787	26.397	0
"2011-06-14	00:00:00"	11.996	168.86	85.396	17.462	0.05278	26.403	0
"2011-06-14	01:00:00"	12.167	175.09	83.38	19.751	0.05575	26.412	0
"2011-06-14	02:00:00"	10.548	185.88	81.283	22.735	0.06169	26.403	0
"2011-06-14	03:00:00"	10.683	182.77	79.296	26.453	0.05193	26.394	0
"2011-06-14	04:00:00"	10.637	182.03	77.593	28.466	0.0407	26.379	0
"2011-06-14	05:00:00"	9.3249	192.44	76.031	29.907	0.07165	26.397	0
"2011-06-14	06:00:00"	7.4241	190.91	74.404	32.092	0.07504	26.388	0
"2011-06-14	07:00:00"	6.9519	199.79	73.134	34.35	2.5249	26.403	0
"2011-06-14	08:00:00"	8.0399	198.18	73.05	36.036	80.988	26.409	0
"2011-06-14	09:00:00"	11.514	198.86	76.799	34.01	259.04	26.426	0
"2011-06-14	10:00:00"	12.127	205.75	80.608	31.161	474.19	26.435	0
"2011-06-14	11:00:00"	11.055	218.48	85.182	25.538	683.47	26.426	0
"2011-06-14	12:00:00"	9.6132	244.88	91.249	16.871	849.83	26.418	0
"2011-06-14	13:00:00"	8.4991	268.44	96.844	10.177	960.62	26.397	0
"2011-06-14	14:00:00"	12.107	267.06	100.1	7.3433	970.45	26.373	0
"2011-06-14	15:00:00"	15.128	259.28	100.86	6.1275	943.92	26.35	0
"2011-06-14	16:00:00"	17.007	252.78	101.98	5.2481	895.74	26.323	0
"2011-06-14	17:00:00"	17.126	261.1	102.76	4.6228	768.42	26.305	0
"2011-06-14	18:00:00"	14.805	268.74	102.58	4.2258	580.67	26.294	0
"2011-06-14	19:00:00"	13.268	267.14	101.87	3.8433	391.88	26.282	0
"2011-06-14	20:00:00"	13.576	266.8	100.52	2.8397	236.99	26.285	0
"2011-06-14	21:00:00"	7.3104	247.43	95.962	2.4969	59.96	26.285	0
"2011-06-14	22:00:00"	3.0031	238.73	87.096	3.7406	0.51002	26.299	0
"2011-06-14	23:00:00"	4.7672	298.87	83.79	4.7392	0.06911	26.323	0
"2011-06-15	00:00:00"	3.896	337.86	80.243	6.4383	0.05003	26.323	0
"2011-06-15	01:00:00"	2.9012	354.05	74.743	8.6367	0.06487	26.317	0
"2011-06-15	02:00:00"	8.3699	16.888	74.143	11.237	0.07568	26.314	0
"2011-06-15	03:00:00"	7.2986	26.403	70.81	18.416	0.05554	26.296	0
"2011-06-15	04:00:00"	7.5397	29.197	69.844	30.217	0.04897	26.285	0
"2011-06-15	05:00:00"	6.727	16.798	67.53	39.111	0.06847	26.296	0
"2011-06-15	06:00:00"	7.5987	17.179	66.507	46.284	0.07822	0.26282	0
"2011-06-15	07:00:00"	6.5952	11.105	66.085	54.795	4.077	26.314	0
"2011-06-15	08:00:00"	8.3612	0.33697	68.39	52.446	100.23	26.329	0
"2011-06-15	09:00:00"	9.1043	0.12216	73.458	45.35	291.32	26.344	0
"2011-06-15	10:00:00"	6.6512	358.89	80.924	35.59	509.14	26.361	0
"2011-06-15	11:00:00"	4.18	312.18	87.526	26.091	693.29	26.367	0
"2011-06-15	12:00:00"	5.3649	343.97	90.75	21.791	857.85	26.37	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-15	13:00:00"	5.0542	307.86	93.829	17.105	949.31	26.361	0
"2011-06-15	14:00:00"	3.9706	311.65	97.123	10.303	1021.1	26.338	0
"2011-06-15	15:00:00"	5.5432	280.83	98.947	7.6603	999.03	26.32	0
"2011-06-15	16:00:00"	5.9111	278.2	100.42	8.5664	920.33	26.302	0
"2011-06-15	17:00:00"	7.8976	265.13	101.62	6.5336	823.65	26.288	0
"2011-06-15	18:00:00"	7.2874	286.33	101.89	5.0222	632.28	26.273	0
"2011-06-15	19:00:00"	6.7021	296.93	101.82	4.4567	442.9	26.264	0
"2011-06-15	20:00:00"	4.5087	255.14	100.8	4.5172	228.3	26.261	0
"2011-06-15	21:00:00"	2.9633	261.59	97.162	5.1697	60.179	26.264	0
"2011-06-15	22:00:00"	2.1941	119.57	89.316	6.8106	0.44516	26.267	0
"2011-06-15	23:00:00"	4.1545	114.29	88.474	6.92	0.05045	26.276	0
"2011-06-16	00:00:00"	5.2531	125.34	85.873	8.0419	0.05088	26.288	0
"2011-06-16	01:00:00"	7.6882	184.42	81.391	23.293	0.07292	26.279	0
"2011-06-16	02:00:00"	7.8883	172.72	79.833	32.351	0.06084	26.273	0
"2011-06-16	03:00:00"	6.2205	194.15	77.288	37.938	0.06211	26.273	0
"2011-06-16	04:00:00"	3.1112	176.94	73.555	43.363	0.06508	26.261	0
"2011-06-16	05:00:00"	3.2933	174.44	72.113	45.965	0.06805	26.252	0
"2011-06-16	06:00:00"	6.3846	176.2	72.726	43.639	0.04261	26.255	0
"2011-06-16	07:00:00"	7.1408	203.59	72.536	42.073	4.0706	26.27	0
"2011-06-16	08:00:00"	8.5755	185.39	74.656	39.634	102.2	26.282	0
"2011-06-16	09:00:00"	12.022	196.29	78.44	36.937	290.58	26.288	0
"2011-06-16	10:00:00"	12.063	203.7	82.643	33.9	496.49	26.296	0
"2011-06-16	11:00:00"	11.242	206.52	87.445	28.015	690.39	26.294	0
"2011-06-16	12:00:00"	9.781	233.27	93.027	17.051	845.21	26.291	0
"2011-06-16	13:00:00"	8.309	266.6	98.409	9.5033	972.5	26.27	0
"2011-06-16	14:00:00"	11.105	259.57	101.87	5.62	1040.5	26.258	0
"2011-06-16	15:00:00"	12.944	231.51	103.4	5.0267	1031.5	26.234	0
"2011-06-16	16:00:00"	17.344	224.66	104.37	5.1336	960.74	26.217	0
"2011-06-16	17:00:00"	17.377	229.08	104.69	4.7903	843.37	26.202	0
"2011-06-16	18:00:00"	19.192	232.29	103.87	5.0922	646.24	26.187	0
"2011-06-16	19:00:00"	17.829	233.41	103.16	4.7953	432.99	26.175	0
"2011-06-16	20:00:00"	15.512	240.65	100.81	5.1389	160.14	26.184	0
"2011-06-16	21:00:00"	14.283	249.78	98.257	6.1992	55.233	26.193	0
"2011-06-16	22:00:00"	9.4641	250.58	94.255	7.2706	0.50345	26.196	0
"2011-06-16	23:00:00"	5.4121	224.75	88.413	8.9222	0.05088	26.208	0
"2011-06-17	00:00:00"	8.368	195.03	84.469	13.117	0.06529	26.229	0
"2011-06-17	01:00:00"	9.6461	194.62	85.099	28.563	0.05617	26.232	0
"2011-06-17	02:00:00"	7.2446	214.67	82.577	33.261	0.05872	26.237	0
"2011-06-17	03:00:00"	8.8688	185.85	81.261	33.387	0.04473	0.26223	0
"2011-06-17	04:00:00"	7.2669	180.87	77.641	35.601	0.04812	26.234	0
"2011-06-17	05:00:00"	4.0408	200.53	73.731	39.076	0.05808	26.246	0
"2011-06-17	06:00:00"	3.5344	174.37	70.393	42.628	0.06147	26.264	0
"2011-06-17	07:00:00"	4.1079	174.71	67.927	45.754	2.2917	26.279	0
"2011-06-17	08:00:00"	6.2125	180.61	69.565	43.985	89.502	26.302	0
"2011-06-17	09:00:00"	7.3266	197.99	76.59	31.71	292.94	26.323	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-17	10:00:00"	9.8363	218.89	83.92	17.552	515.66	26.344	0
"2011-06-17	11:00:00"	9.1665	247.08	90.114	10.614	715.47	26.347	0
"2011-06-17	12:00:00"	6.1652	278.39	94.462	6.2453	876.03	26.344	0
"2011-06-17	13:00:00"	5.7452	286.47	96.095	5.165	995.74	26.338	0
"2011-06-17	14:00:00"	5.7707	250.46	97.827	4.5058	1050.7	26.32	0
"2011-06-17	15:00:00"	7.1712	245.98	99.414	4.245	1040.3	26.299	0
"2011-06-17	16:00:00"	7.9498	237.18	100.62	4.267	968.69	26.282	0
"2011-06-17	17:00:00"	10.96	215.68	101.83	3.8717	850.1	26.267	0
"2011-06-17	18:00:00"	12.505	227.37	101.61	3.8222	574.3	26.258	0
"2011-06-17	19:00:00"	14.351	227.32	101.57	3.4028	484.58	26.249	0
"2011-06-17	20:00:00"	16.137	221.74	99.615	3.5017	260.61	26.261	0
"2011-06-17	21:00:00"	12.796	232.17	96.374	4.1347	64.855	26.276	0
"2011-06-17	22:00:00"	4.6416	226.02	88.2	5.8281	0.63212	26.288	0
"2011-06-17	23:00:00"	3.5387	221.39	83.276	7.1203	0.046	26.305	0
"2011-06-18	00:00:00"	3.7096	229.69	79.879	8.285	0.06868	26.314	0
"2011-06-18	01:00:00"	2.4911	213.11	80.008	9.2128	0.06593	26.317	0
"2011-06-18	02:00:00"	2.5141	225.46	78.476	10.752	0.06995	26.326	0
"2011-06-18	03:00:00"	4.4409	171.75	75.655	12.943	0.04812	26.326	0
"2011-06-18	04:00:00"	4.518	167.96	73.89	27.224	0.08013	26.326	0
"2011-06-18	05:00:00"	4.339	186.43	71.789	35.964	0.06211	26.341	0
"2011-06-18	06:00:00"	3.187	242.93	71.277	38.366	0.06253	26.361	0
"2011-06-18	07:00:00"	3.909	258.68	71.551	37.482	3.5858	26.382	0
"2011-06-18	08:00:00"	3.3144	243.49	71.178	37.734	84.051	26.394	0
"2011-06-18	09:00:00"	4.5466	214.76	76.977	32.886	247.76	26.412	0
"2011-06-18	10:00:00"	5.7526	222.6	84.624	23.968	442.01	26.42	0
"2011-06-18	11:00:00"	4.9536	333.89	90.621	13.45	699.61	26.418	0
"2011-06-18	12:00:00"	3.8109	322.59	94.755	7.9417	853.38	26.406	0
"2011-06-18	13:00:00"	5.1797	304.99	97.246	7.4114	1017	26.391	0
"2011-06-18	14:00:00"	6.6089	278.22	98.991	7.1922	963.06	26.367	0
"2011-06-18	15:00:00"	9.0093	258.27	100.96	6.4814	812.72	26.344	0
"2011-06-18	16:00:00"	14.529	251.29	102.29	6.9111	891.32	26.329	0
"2011-06-18	17:00:00"	11.471	245.1	101.77	6.9803	545.18	26.311	0
"2011-06-18	18:00:00"	12.188	248.65	102.03	6.7511	407.12	26.296	0
"2011-06-18	19:00:00"	12.939	236.66	100.88	7.1889	254.79	26.282	0
"2011-06-18	20:00:00"	11.141	227.5	100.03	7.7564	177.24	26.273	0
"2011-06-18	21:00:00"	12.097	250.11	98.047	7.1231	37.078	26.282	0
"2011-06-18	22:00:00"	4.5894	239.29	91.226	9.015	0.39704	26.279	0
"2011-06-18	23:00:00"	5.0884	278.67	88.23	10.507	0.06508	26.294	0
"2011-06-19	00:00:00"	8.8862	209.88	89.194	13.379	0.06995	26.305	0
"2011-06-19	01:00:00"	9.5641	192.17	87.389	21.206	0.05321	26.308	0
"2011-06-19	02:00:00"	8.6364	193.51	84.706	24.068	0.0708	26.291	0
"2011-06-19	03:00:00"	10.03	188.9	82.7	25.233	0.05554	26.276	0
"2011-06-19	04:00:00"	10.294	181.81	81.607	25.402	0.04494	26.264	0
"2011-06-19	05:00:00"	8.9409	190.66	79.724	26.672	0.06317	26.279	0
"2011-06-19	06:00:00"	4.8548	207.11	76.016	29.847	0.05617	26.282	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-19	07:00:00"	5.176	189.04	73.207	33.532	2.7689	26.285	0
"2011-06-19	08:00:00"	6.8469	185.64	73.94	35.886	86.054	26.288	0
"2011-06-19	09:00:00"	10.611	194.08	79.456	34.042	277.54	26.299	0
"2011-06-19	10:00:00"	11.684	202.56	84.763	29.496	489.1	26.302	0
"2011-06-19	11:00:00"	12.696	204.82	89.717	22.271	690.08	26.291	0
"2011-06-19	12:00:00"	13.131	212.97	95.342	13.663	852.06	26.279	0
"2011-06-19	13:00:00"	16.34	230.75	99.799	7.8067	967.23	26.261	0
"2011-06-19	14:00:00"	19.246	242.1	101.44	6.6308	1018.7	26.232	0
"2011-06-19	15:00:00"	21.133	244.23	102.98	5.9033	1012.4	26.205	0
"2011-06-19	16:00:00"	21.158	235.84	103.39	5.5142	926.5	26.181	0
"2011-06-19	17:00:00"	21.364	233.99	103.88	5.1239	819.86	26.164	0
"2011-06-19	18:00:00"	21.427	233.77	103.97	4.965	648.86	26.134	0
"2011-06-19	19:00:00"	19.659	227.19	103.57	5.1189	444.17	26.119	0
"2011-06-19	20:00:00"	18.288	220.88	102.22	5.1653	207.91	26.107	0
"2011-06-19	21:00:00"	10.36	218.61	97.462	6.51	18.223	26.11	0
"2011-06-19	22:00:00"	16.409	183.19	91.442	19.57	0.61898	26.131	0
"2011-06-19	23:00:00"	19.814	189.62	87.269	25.296	0.05702	26.149	0
"2011-06-20	00:00:00"	17.344	190.05	85.421	26.963	0.07123	26.167	0
"2011-06-20	01:00:00"	19.73	189.22	84.628	27.719	0.0566	26.158	0
"2011-06-20	02:00:00"	18.769	188.88	82.979	31.818	0.0443	26.143	0
"2011-06-20	03:00:00"	17.528	188.01	82.47	30.852	0.0443	26.14	0
"2011-06-20	04:00:00"	15.717	188.81	81.55	31.264	0.07462	26.155	0
"2011-06-20	05:00:00"	7.1849	219.49	78.525	33.835	0.07462	26.158	0
"2011-06-20	06:00:00"	7.5484	200.66	75.961	36.242	0.06232	26.169	0
"2011-06-20	07:00:00"	8.5818	214.61	74.899	36.818	2.8698	26.214	0
"2011-06-20	08:00:00"	10.395	4.3894	73.614	26.307	88.19	26.232	0
"2011-06-20	09:00:00"	9.0173	3.2927	75.491	22.648	282.65	26.24	0
"2011-06-20	10:00:00"	10.263	344.58	79.676	18.196	502.02	26.249	0
"2011-06-20	11:00:00"	7.7733	315.88	83.242	15.205	700.04	26.237	0
"2011-06-20	12:00:00"	8.2965	279.31	87.106	12.615	869.83	26.232	0
"2011-06-20	13:00:00"	13.455	259.88	90.992	11.063	983.75	26.214	0
"2011-06-20	14:00:00"	15.581	253.2	92.866	10.45	1043.8	26.202	0
"2011-06-20	15:00:00"	14.283	252.24	94.611	9.1945	1029.3	26.19	0
"2011-06-20	16:00:00"	13.387	243.76	95.864	8.3875	958.73	26.178	0
"2011-06-20	17:00:00"	16.13	258.27	96.674	5.6911	853.43	26.175	0
"2011-06-20	18:00:00"	13.643	248.05	97.112	5.7392	673.92	26.161	0
"2011-06-20	19:00:00"	12.421	250.92	96.665	5.8508	463.09	26.161	0
"2011-06-20	20:00:00"	9.776	246.43	95.912	5.8994	246.56	26.164	0
"2011-06-20	21:00:00"	5.9198	315.41	92.781	4.8875	67.29	26.181	0
"2011-06-20	22:00:00"	3.2479	352.46	84.637	6.4428	0.74532	26.202	0
"2011-06-20	23:00:00"	5.0965	49.722	78.1	8.8683	0.05172	26.226	0
"2011-06-21	00:00:00"	5.3792	42.88	73.302	11.605	0.08712	26.234	0
"2011-06-21	01:00:00"	5.8788	42.459	70.777	13.661	0.06147	26.246	0
"2011-06-21	02:00:00"	8.3512	60.744	70.684	19.409	0.06296	26.264	0
"2011-06-21	03:00:00"	8.4109	83.932	68.215	25.025	0.04791	26.276	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-21	04:00:00"	7.8647	55.75	66.43	27.419	0.03816	26.279	0
"2011-06-21	05:00:00"	8.3425	53.799	63.874	31.606	0.05236	26.305	0
"2011-06-21	06:00:00"	10.061	43.811	63.79	35.516	0.0513	26.332	0
"2011-06-21	07:00:00"	10.448	40.443	63.609	39.921	3.6374	26.347	0
"2011-06-21	08:00:00"	11.589	48.796	65.316	40.729	92.867	26.361	0
"2011-06-21	09:00:00"	13.901	56.664	69.825	38.781	269.78	26.382	0
"2011-06-21	10:00:00"	16.474	62.808	74.169	35.906	487.24	26.391	0
"2011-06-21	11:00:00"	15.423	68.679	77.127	32.299	687.92	26.391	0
"2011-06-21	12:00:00"	12.112	70.882	80.228	28.95	845.58	26.4	0
"2011-06-21	13:00:00"	9.5088	75.489	82.799	27.829	957.44	26.391	0
"2011-06-21	14:00:00"	6.5666	66.716	84.98	27.167	1014.9	26.373	0
"2011-06-21	15:00:00"	6.7717	39.483	87.204	25.299	1008	26.358	0
"2011-06-21	16:00:00"	5.803	75.312	89.479	22.177	936.71	26.344	0
"2011-06-21	17:00:00"	5.6265	74.475	91.097	20.616	810.69	26.32	0
"2011-06-21	18:00:00"	5.6955	90.313	92.379	18.918	637.1	26.305	0
"2011-06-21	19:00:00"	5.2158	70.755	92.629	18.027	433.2	26.296	0
"2011-06-21	20:00:00"	5.0194	84.217	92.01	18.799	227.47	26.305	0
"2011-06-21	21:00:00"	4.6708	57.708	89.692	20.213	56.077	26.308	0
"2011-06-21	22:00:00"	4.8051	42.209	83.039	24.624	0.64611	26.317	0
"2011-06-21	23:00:00"	5.1207	58.98	78.244	29.577	0.0797	26.347	0
"2011-06-22	00:00:00"	11.561	84.76	80.994	28.063	0.05745	26.379	0
"2011-06-22	01:00:00"	12.48	98.996	80.857	27.75	0.04812	26.391	0
"2011-06-22	02:00:00"	12.413	133.16	77.143	48.093	0.06677	26.412	0
"2011-06-22	03:00:00"	6.5747	174.75	72.371	62.328	0.05957	26.4	0
"2011-06-22	04:00:00"	2.3879	57.507	69.306	67.394	0.05342	26.397	0
"2011-06-22	05:00:00"	3.8705	25.47	65.993	71.066	0.05215	26.406	0
"2011-06-22	06:00:00"	4.8846	26.901	64.743	74.433	0.05427	26.418	0
"2011-06-22	07:00:00"	5.2879	34.133	63.68	77.279	2.4079	26.444	0
"2011-06-22	08:00:00"	7.5291	26.44	66.264	73.023	88.922	26.465	0
"2011-06-22	09:00:00"	8.4593	43.615	73.873	57.854	272.89	26.477	0
"2011-06-22	10:00:00"	9.6319	85.019	79.338	45.996	482.61	26.485	0
"2011-06-22	11:00:00"	9.6213	119.04	83.38	38.036	675.39	26.485	0
"2011-06-22	12:00:00"	8.24	133.57	85.681	34.526	835.48	26.491	0
"2011-06-22	13:00:00"	10.409	136.6	88.496	28.198	949.76	26.488	0
"2011-06-22	14:00:00"	10.898	144.74	90.344	24.896	1003.1	26.471	0
"2011-06-22	15:00:00"	9.2361	140.17	91.879	21.42	1006.1	26.456	0
"2011-06-22	16:00:00"	9.9593	142.09	92.633	20.62	885.24	26.432	0
"2011-06-22	17:00:00"	8.0269	146.62	93.878	18.246	835.86	26.42	0
"2011-06-22	18:00:00"	10.058	162.31	94.753	16.143	664.91	26.412	0
"2011-06-22	19:00:00"	12.619	145.71	93.546	16.028	438.7	26.4	0
"2011-06-22	20:00:00"	11.222	150.86	92.131	16.404	228.95	26.409	0
"2011-06-22	21:00:00"	9.4896	145.96	89.633	17.579	58.321	26.418	0
"2011-06-22	22:00:00"	9.1205	142.03	85.869	18.842	0.69084	26.423	0
"2011-06-22	23:00:00"	8.8614	149.28	83.073	19.898	0.04303	26.441	0
"2011-06-23	00:00:00"	9.5095	151.19	81.16	23.3	0.0513	26.447	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-23	01:00:00"	9.0117	147.11	79.437	26.568	0.05469	26.447	0
"2011-06-23	02:00:00"	9.5387	144.49	77.75	28.827	0.06487	26.447	0
"2011-06-23	03:00:00"	8.3947	152.33	75.473	31.266	0.04155	26.444	0
"2011-06-23	04:00:00"	5.5178	161.86	71.97	35.41	0.06253	26.438	0
"2011-06-23	05:00:00"	5.7632	178.13	70.451	44.582	0.06868	26.453	0
"2011-06-23	06:00:00"	7.0178	177.91	70.314	51.395	0.08182	26.45	0
"2011-06-23	07:00:00"	6.5797	184.93	68.852	56.758	3.8381	26.456	0
"2011-06-23	08:00:00"	7.6572	183.56	70.28	56.268	96.029	26.474	0
"2011-06-23	09:00:00"	11.254	186.37	76.367	42.12	286.6	26.494	0
"2011-06-23	10:00:00"	15.939	192.93	82.643	23.5	502.2	26.5	0
"2011-06-23	11:00:00"	16.128	193.22	86.981	16.134	699.63	26.497	0
"2011-06-23	12:00:00"	15.714	196.51	90.19	13.093	860.27	26.491	0
"2011-06-23	13:00:00"	16.438	185.71	92.331	12.577	969.97	26.48	0
"2011-06-23	14:00:00"	15.554	188.36	94.129	12.842	1023.9	26.462	0
"2011-06-23	15:00:00"	14.188	183.55	95.751	13.15	1016.8	26.438	0
"2011-06-23	16:00:00"	13.943	180.27	96.818	13.118	948.67	26.42	0
"2011-06-23	17:00:00"	12.771	161.48	97.132	12.629	821.62	26.4	0
"2011-06-23	18:00:00"	12.035	160.15	97.531	11.359	654.4	26.382	0
"2011-06-23	19:00:00"	13.003	171	97.05	10.153	459.37	26.361	0
"2011-06-23	20:00:00"	13.459	170.03	95.516	11.433	246.37	26.367	0
"2011-06-23	21:00:00"	12.563	174.62	92.078	13.834	63.968	26.37	0
"2011-06-23	22:00:00"	10.113	172.62	87.574	16.612	0.63827	26.37	0
"2011-06-23	23:00:00"	9.7773	171.93	84.823	19.139	0.06381	26.379	0
"2011-06-24	00:00:00"	10.507	166.6	82.946	21.699	0.06211	26.373	0
"2011-06-24	01:00:00"	9.4622	167.2	80.447	23.429	0.04876	26.367	0
"2011-06-24	02:00:00"	7.0302	173.15	77.37	22.435	0.04791	26.367	0
"2011-06-24	03:00:00"	10.557	174.62	77.859	23.203	0.08098	26.35	0
"2011-06-24	04:00:00"	9.1093	176.93	75.357	28.139	0.05745	26.341	0
"2011-06-24	05:00:00"	9.4529	181.55	73.272	38.168	0.04706	26.344	0
"2011-06-24	06:00:00"	8.9477	191.45	72.09	46.915	0.04536	26.344	0
"2011-06-24	07:00:00"	7.9896	191.65	70.335	54.214	3.9422	26.347	0
"2011-06-24	08:00:00"	9.9655	184.95	71.356	55.221	100.09	26.361	0
"2011-06-24	09:00:00"	12.964	188.93	75.856	47.028	290.63	26.37	0
"2011-06-24	10:00:00"	13.574	196.01	81.034	35.821	502.8	26.376	0
"2011-06-24	11:00:00"	10.925	207.32	86.725	25.822	697.97	26.373	0
"2011-06-24	12:00:00"	10.819	224.06	91.514	19.474	860.74	26.367	0
"2011-06-24	13:00:00"	10.602	220.1	96.034	14.705	974.31	26.356	0
"2011-06-24	14:00:00"	10.647	217.93	99.483	11.479	1028.1	26.335	0
"2011-06-24	15:00:00"	11.127	214.25	101.72	9.1425	1025.5	26.314	0
"2011-06-24	16:00:00"	10.924	209.95	103.69	7.7883	955.29	26.285	0
"2011-06-24	17:00:00"	9.0285	249.64	105.2	6.7258	829.43	26.27	0
"2011-06-24	18:00:00"	7.9101	249.94	105.79	5.9028	656.28	26.255	0
"2011-06-24	19:00:00"	9.1453	228.57	105.64	5.665	455.83	26.246	0
"2011-06-24	20:00:00"	8.7216	220.91	104.43	5.6381	243.98	26.246	0
"2011-06-24	21:00:00"	14.95	181.99	99.636	9.1228	62.69	26.249	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-24	22:00:00"	12.77	177.47	93.962	12.072	0.67537	26.267	0
"2011-06-24	23:00:00"	12.672	180.83	90.463	13.723	0.07674	26.282	0
"2011-06-25	00:00:00"	13.757	185.48	88.05	16.66	0.04918	26.296	0
"2011-06-25	01:00:00"	14.014	185.73	85.163	22.591	0.06529	26.291	0
"2011-06-25	02:00:00"	12.714	188.74	81.979	28.614	0.04452	26.282	0
"2011-06-25	03:00:00"	11.367	191.03	78.917	36.17	0.05511	26.285	0
"2011-06-25	04:00:00"	11.436	186.41	76.781	42.917	0.06762	26.276	0
"2011-06-25	05:00:00"	10.84	181.67	74.83	48.844	0.04303	2.6282	0
"2011-06-25	06:00:00"	8.9564	197.59	72.572	54.302	0.05109	26.282	0
"2011-06-25	07:00:00"	8.2611	185.42	70.052	60.193	3.5049	26.294	0
"2011-06-25	08:00:00"	6.8376	189.2	70.053	61.411	100.92	26.314	0
"2011-06-25	09:00:00"	9.8786	199.83	75.328	51.772	294.01	0.02628	0
"2011-06-25	10:00:00"	11.018	211.76	81.562	39.292	510.62	26.35	0
"2011-06-25	11:00:00"	11.021	230.07	87.973	27.52	708.4	26.353	0
"2011-06-25	12:00:00"	7.3576	240.52	94.657	16.243	871.61	26.353	0
"2011-06-25	13:00:00"	4.5888	291.91	99.167	10.932	984.79	26.344	0
"2011-06-25	14:00:00"	5.4998	273.25	102.26	8.2442	1042.2	26.326	0
"2011-06-25	15:00:00"	6.7226	233.22	104.9	6.6953	1032.9	26.305	0
"2011-06-25	16:00:00"	8.5737	237.63	106.6	5.0083	965.06	26.288	0
"2011-06-25	17:00:00"	9.0322	214.79	106.86	4.2842	839.18	26.276	0
"2011-06-25	18:00:00"	7.9859	246.83	106.79	4.3528	666.65	26.261	0
"2011-06-25	19:00:00"	9.8313	234	106.64	4.2358	463.07	26.255	0
"2011-06-25	20:00:00"	9.9829	217.1	105.27	4.2217	249.73	26.261	0
"2011-06-25	21:00:00"	5.7632	213	101.01	4.9169	65.425	26.267	0
"2011-06-25	22:00:00"	6.4455	183.77	93.156	11.997	0.62979	26.291	0
"2011-06-25	23:00:00"	12.583	180.05	91.553	26.441	0.03413	26.308	0
"2011-06-26	00:00:00"	13.903	182.22	88.162	31.987	0.04558	26.317	0
"2011-06-26	01:00:00"	14.926	183.13	84.877	37.692	0.0513	26.317	0
"2011-06-26	02:00:00"	14.471	186.49	82.066	44.156	0.06487	26.317	0
"2011-06-26	03:00:00"	13.966	191.16	80.257	49.188	0.07229	26.314	0
"2011-06-26	04:00:00"	12.681	196.48	79.252	51.857	0.05448	26.317	0
"2011-06-26	05:00:00"	13.903	189.7	78.375	53.845	0.05745	26.305	0
"2011-06-26	06:00:00"	13.524	191.04	77.457	55.137	0.04939	26.32	0
"2011-06-26	07:00:00"	9.5356	204.12	75.376	58.911	3.0158	26.341	0
"2011-06-26	08:00:00"	9.0086	209.15	74.778	61.421	94.258	26.358	0
"2011-06-26	09:00:00"	11.62	214.72	78.769	54.933	283.55	26.376	0
"2011-06-26	10:00:00"	10.464	218.84	83.819	44.905	494.25	26.379	0
"2011-06-26	11:00:00"	9.7853	228.49	89.562	33.581	696.37	26.382	0
"2011-06-26	12:00:00"	6.9289	233.42	95.038	23.018	856.1	26.385	0
"2011-06-26	13:00:00"	5.1257	282.67	99.281	15.044	968.25	26.373	0
"2011-06-26	14:00:00"	3.8805	39.576	102.77	10.892	1024.2	26.353	0
"2011-06-26	15:00:00"	5.8496	139.56	103.7	9.7089	878.52	26.332	0
"2011-06-26	16:00:00"	7.0383	171.86	103.94	9.7447	644.48	26.311	0
"2011-06-26	17:00:00"	8.5333	179.74	105.76	7.9422	668.73	26.294	0
"2011-06-26	18:00:00"	7.4813	260.26	106.4	7.5339	605.67	26.279	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-26	19:00:00"	8.1076	191.38	105.57	6.8925	392.27	26.27	0
"2011-06-26	20:00:00"	10.928	192.66	103.74	8.7161	200.84	26.273	0
"2011-06-26	21:00:00"	17.313	180.87	99.272	13.175	54.171	26.288	0
"2011-06-26	22:00:00"	13.86	175.2	94.307	17.844	0.4619	26.305	0
"2011-06-26	23:00:00"	12.559	175.14	90.487	24.024	0.06868	26.329	0
"2011-06-27	00:00:00"	14.388	177.18	87.375	30.668	0.05851	26.335	0
"2011-06-27	01:00:00"	15.672	183.33	84.47	35.777	0.0602	26.347	0
"2011-06-27	02:00:00"	14.1	180.51	81.85	39.902	0.05829	26.35	0
"2011-06-27	03:00:00"	13.078	182.77	79.907	44.638	0.04621	26.35	0
"2011-06-27	04:00:00"	12.734	185.86	78.665	48.042	0.06253	26.353	0
"2011-06-27	05:00:00"	10.632	185.18	77.323	50.881	0.07631	26.358	0
"2011-06-27	06:00:00"	9.0372	181.87	76.21	52.261	0.06783	26.376	0
"2011-06-27	07:00:00"	7.677	174.4	75.07	53.218	2.7407	26.382	0
"2011-06-27	08:00:00"	9.6232	172.73	76.09	50.514	87.255	26.4	0
"2011-06-27	09:00:00"	14.512	179.61	79.862	43.952	284.25	26.415	0
"2011-06-27	10:00:00"	12.949	184.12	84.063	37.213	498.49	26.432	0
"2011-06-27	11:00:00"	10.77	204.38	88.117	30.629	696.28	26.438	0
"2011-06-27	12:00:00"	9.9985	210.77	92.135	23.836	858.76	26.438	0
"2011-06-27	13:00:00"	9.7804	196.4	95.544	19.794	974.42	26.435	0
"2011-06-27	14:00:00"	9.1863	190.27	99.12	15.255	1029.5	26.423	0
"2011-06-27	15:00:00"	10.289	188.85	101.23	10.208	1024.5	26.409	0
"2011-06-27	16:00:00"	10.243	187.46	102.76	8.5758	955.51	26.406	0
"2011-06-27	17:00:00"	9.968	163.82	103.08	8.4895	827.6	26.388	0
"2011-06-27	18:00:00"	11.231	149.46	102.98	8.6242	657.66	26.376	0
"2011-06-27	19:00:00"	13.236	162.21	101.72	10.366	454.72	26.367	0
"2011-06-27	20:00:00"	12.388	148.12	99.993	10.345	235.2	26.397	0
"2011-06-27	21:00:00"	9.5045	154.29	95.628	13.12	30.697	26.412	0
"2011-06-27	22:00:00"	6.4641	137.27	90.528	16.865	0.269	26.444	0
"2011-06-27	23:00:00"	5.3109	138.89	86.378	18.985	0.0496	26.477	0
"2011-06-28	00:00:00"	7.7852	146.82	85.265	20.976	0.04452	26.488	0
"2011-06-28	01:00:00"	7.4136	166.79	84.445	24.039	0.06739	26.5	0
"2011-06-28	02:00:00"	3.7139	186.31	80.971	28.103	0.05935	26.509	0
"2011-06-28	03:00:00"	4.1607	186.48	78.714	33.083	0.06465	26.515	0
"2011-06-28	04:00:00"	6.7183	172.75	78.833	36.161	0.07949	26.515	0
"2011-06-28	05:00:00"	7.7429	164.06	78.183	41.204	0.07525	26.518	0
"2011-06-28	06:00:00"	9.8897	175.83	77.92	44.735	0.04791	26.524	0
"2011-06-28	07:00:00"	7.8473	156.2	76.058	49.968	4.8558	26.539	0
"2011-06-28	08:00:00"	6.4461	123.48	75.352	52.927	95.093	26.565	0
"2011-06-28	09:00:00"	7.375	130.93	77.713	51.818	301.5	26.583	0
"2011-06-28	10:00:00"	8.9813	173.15	80.483	50.226	519.39	26.58	0
"2011-06-28	11:00:00"	11.819	181.4	84.48	42.754	724.14	26.574	0
"2011-06-28	12:00:00"	9.7698	169.46	88.045	34.355	789.61	26.562	0
"2011-06-28	13:00:00"	11.269	142.38	91.741	27.22	941.35	26.55	0
"2011-06-28	14:00:00"	11.707	148.25	94.556	21.734	1012.4	26.542	0
"2011-06-28	15:00:00"	11.163	149.44	96.733	17.414	1012.3	26.518	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-28	16:00:00"	11.593	150.77	98.517	13.956	937.18	26.488	0
"2011-06-28	17:00:00"	12.346	146.62	98.925	13.521	763.16	26.48	0
"2011-06-28	18:00:00"	12.998	154.61	98.164	15.079	605.56	26.465	0
"2011-06-28	19:00:00"	13.148	156.78	97.64	15.261	417.44	26.456	0
"2011-06-28	20:00:00"	13.428	161.02	96.321	14.113	218.61	26.456	0
"2011-06-28	21:00:00"	11.281	160.88	93.517	15.726	48.252	26.453	0
"2011-06-28	22:00:00"	6.9339	157.73	88.725	18.554	0.2247	26.462	0
"2011-06-28	23:00:00"	5.4631	154.71	84.071	22.016	0.04918	26.474	0
"2011-06-29	00:00:00"	6.3684	151.39	82.227	24.159	0.0496	26.48	0
"2011-06-29	01:00:00"	8.24	163.28	81.253	26.316	0.05405	26.5	0
"2011-06-29	02:00:00"	9.7804	181.53	80.652	33.213	0.07271	26.515	0
"2011-06-29	03:00:00"	7.6304	195.6	78.183	43.629	0.05278	26.518	0
"2011-06-29	04:00:00"	6.5076	191.4	75.588	49.918	0.06169	26.512	0
"2011-06-29	05:00:00"	6.2957	187.74	74.346	53.081	0.06826	26.512	0
"2011-06-29	06:00:00"	5.9173	172.77	72.558	57.412	0.05448	26.515	0
"2011-06-29	07:00:00"	6.9264	164.5	71.784	60.601	5.6113	26.521	0
"2011-06-29	08:00:00"	9.0434	161.69	73.233	60.828	109.26	26.53	0
"2011-06-29	09:00:00"	13.508	182.02	76.851	56.391	305.85	26.536	0
"2011-06-29	10:00:00"	13.07	190.02	80.422	49.149	517.41	26.545	0
"2011-06-29	11:00:00"	13.243	191.56	84.372	39.969	712.99	26.533	0
"2011-06-29	12:00:00"	14.074	198.57	88.803	29.657	872.44	26.521	0
"2011-06-29	13:00:00"	13.325	190.69	92.63	22.718	980.9	26.512	0
"2011-06-29	14:00:00"	13.162	182.53	95.436	18.935	1027	26.497	0
"2011-06-29	15:00:00"	12.925	178.88	97.315	15.638	1012.5	26.474	0
"2011-06-29	16:00:00"	12.771	174.79	98.776	13.873	934.52	26.465	0
"2011-06-29	17:00:00"	13.891	155.33	98.78	12.862	804.73	26.45	0
"2011-06-29	18:00:00"	13.888	150.83	98.434	12.736	628.12	26.435	0
"2011-06-29	19:00:00"	14.063	154.72	97.194	13.128	427.46	26.426	0
"2011-06-29	20:00:00"	14.753	158.81	95.596	13.37	222.4	26.423	0
"2011-06-29	21:00:00"	12.859	158.09	92.485	15.974	49.829	26.426	0
"2011-06-29	22:00:00"	10.074	154.11	88.548	20.193	0.19545	26.438	0
"2011-06-29	23:00:00"	8.8235	157.43	85.54	24.805	0.08691	26.459	0
"2011-06-30	01:00:00"	7.2135	173.3	81.294	32.47	0.05586	26.474	0
"2011-06-30	02:00:00"	9.7425	185.8	78.922	41.456	0.05066	26.48	0
"2011-06-30	03:00:00"	10.54	187.37	77.273	47.368	0.05914	26.477	0
"2011-06-30	04:00:00"	8.5687	185.73	75.262	50.946	0.06911	26.471	0
"2011-06-30	05:00:00"	5.7589	191.56	72.777	54.884	0.05829	26.465	0
"2011-06-30	06:00:00"	3.6934	171.43	70.138	59.402	0.05808	26.471	0
"2011-06-30	07:00:00"	4.1663	165.31	68.867	61.942	2.3121	26.483	0
"2011-06-30	08:00:00"	7.5142	166.01	71.036	59.851	83.589	26.488	0
"2011-06-30	09:00:00"	14.974	174.44	75.663	53.941	273.68	26.506	0
"2011-06-30	10:00:00"	16.818	174.99	79.005	47.835	485.98	26.518	0
"2011-06-30	11:00:00"	15.375	181.71	82.906	40.359	684.6	26.512	0
"2011-06-30	12:00:00"	15.269	180.51	86.184	33.615	845.07	26.515	0
"2011-06-30	13:00:00"	15.374	180.39	89.387	26.992	954.85	26.5	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-06-30"	14:00:00"	16.322	171.91	91.514	22.588	1009.5	26.485	0
"2011-06-30"	15:00:00"	15.122	168.97	93.393	19.691	1001.5	26.462	0
"2011-06-30"	16:00:00"	15.627	160.89	94.196	17.218	941.14	26.447	0
"2011-06-30"	17:00:00"	15.111	168.47	94.784	16.799	817.86	26.429	0
"2011-06-30"	18:00:00"	14.971	165.35	94.882	15.454	652.21	26.418	0
"2011-06-30"	19:00:00"	15.085	165.28	94.185	15.354	452.89	26.409	0
"2011-06-30"	20:00:00"	15.037	174.49	92.335	17.504	242.44	26.412	0
"2011-06-30"	21:00:00"	14.202	171.68	89.226	20.391	63.878	26.42	0
"2011-06-30"	22:00:00"	10.862	173.45	85.555	24.949	0.51681	26.438	0
"2011-06-30"	23:00:00"	9.9904	169.65	82.94	30.274	0.05851	26.456	0
"2011-07-01"	01:00:00"	11.354	175.57	79.564	40.131	0.0625	26.48	0
"2011-07-01"	02:00:00"	10.351	177.61	75.472	51.152	0.05957	26.468	0
"2011-07-01"	03:00:00"	13.655	173.53	73.928	51.013	0.05957	26.459	0
"2011-07-01"	04:00:00"	11.868	174.77	71.989	54.303	0.05024	26.456	0
"2011-07-01"	05:00:00"	11.367	168.77	71.056	54.923	0.05872	26.45	0
"2011-07-01"	06:00:00"	7.7404	160.53	69.694	56.656	0.06063	26.456	0
"2011-07-01"	07:00:00"	4.4875	147.08	67.193	61.666	2.3882	26.477	0
"2011-07-01"	08:00:00"	4.874	146.66	68.165	61.711	87.006	26.483	0
"2011-07-01"	09:00:00"	10.994	156.3	72.474	56.198	273.4	26.488	0
"2011-07-01"	10:00:00"	13.727	167.95	76.288	50.155	485.44	26.494	0
"2011-07-01"	11:00:00"	13.419	169.57	79.89	43.879	681.28	26.491	0
"2011-07-01"	12:00:00"	13.202	164.8	83.385	37.805	843.4	26.488	0
"2011-07-01"	13:00:00"	12.477	165.91	86.638	32.737	957.54	26.483	0
"2011-07-01"	14:00:00"	12.514	168.41	88.531	30.123	1012.6	26.468	0
"2011-07-01"	15:00:00"	11.721	155.92	90.404	27.02	1010.1	26.459	0
"2011-07-01"	16:00:00"	11.303	167.72	91.802	23.875	959.56	26.45	0
"2011-07-01"	17:00:00"	11.198	152.65	92.363	23.448	716.56	26.429	0
"2011-07-01"	18:00:00"	12.603	156.71	92.738	24.244	657.26	26.423	0
"2011-07-01"	19:00:00"	11.867	152.09	91.777	25.576	361.85	26.426	0
"2011-07-01"	20:00:00"	13.373	161.55	90.444	27.267	240.08	26.435	0
"2011-07-01"	21:00:00"	13.68	158.18	87.554	30.717	54.569	26.45	0
"2011-07-01"	22:00:00"	12.222	160.98	84.729	33.763	0.4318	26.474	0
"2011-07-01"	23:00:00"	11.775	164.41	82.726	36.747	0.05321	26.497	0
"2011-07-02"	00:00:00"	11.497	165.29	80.631	42.172	0.07101	26.515	0
"2011-07-02"	01:00:00"	11.203	170.85	78.96	45.59	0.05681	0	0
"2011-07-02"	02:00:00"	9.2957	168.31	77.05	48.801	0.07822	26.518	0
"2011-07-02"	03:00:00"	8.6184	166.55	75.561	52.613	0.05469	26.515	0
"2011-07-02"	04:00:00"	6.9185	147.65	73.962	56.534	0.06487	26.512	0
"2011-07-02"	05:00:00"	6.4641	142.37	72.036	60.543	0.07356	26.521	0
"2011-07-02"	06:00:00"	7.6112	138.51	71.309	63.06	0.06762	26.53	0
"2011-07-02"	07:00:00"	7.8373	136.66	70.387	67.886	2.2249	26.542	0
"2011-07-02"	08:00:00"	9.4747	139.49	71.088	68.163	79.578	26.562	0
"2011-07-02"	09:00:00"	13.893	159.28	74.486	58.231	291.15	26.586	0
"2011-07-02"	10:00:00"	13.986	161.03	78.436	47.398	490.13	26.595	0
"2011-07-02"	11:00:00"	14.168	158.87	82.154	39.952	708.57	26.592	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-02	12:00:00"	13.721	168.66	84.437	34.938	817.76	26.595	0
"2011-07-02	13:00:00"	13.117	156.04	87.029	30.357	953.16	26.589	0
"2011-07-02	14:00:00"	12.689	158.52	88.765	27.645	968.19	26.574	0
"2011-07-02	15:00:00"	12.771	149.46	90.019	25.954	920	26.559	0
"2011-07-02	16:00:00"	13.827	147.07	91.201	25.634	879.87	26.539	0
"2011-07-02	17:00:00"	13.468	148.47	91.476	24.741	695.27	26.521	0
"2011-07-02	18:00:00"	12.672	135.1	90.896	25.599	434.64	26.5	0
"2011-07-02	19:00:00"	12.16	146.32	91.497	24.3	474.2	26.488	0
"2011-07-02	20:00:00"	11.502	137.57	90.116	25.106	215.61	26.494	0
"2011-07-02	21:00:00"	10.078	139.29	88.085	26.359	58.094	26.506	0
"2011-07-02	22:00:00"	8.4177	155.62	85.042	29.346	0.60266	26.515	0
"2011-07-02	23:00:00"	6.7947	163.99	82.322	33.202	0.05829	26.539	0
"2011-07-03	00:00:00"	7.0793	174.03	80.668	37.128	0.0602	26.547	0
"2011-07-03	01:00:00"	7.1414	172.7	79.927	38.728	0.06635	26.547	0
"2011-07-03	02:00:00"	6.0956	168.57	77.638	41.799	0.04748	26.542	0
"2011-07-03	03:00:00"	6.1242	167.54	76.059	46.34	0.05384	26.545	0
"2011-07-03	04:00:00"	4.9449	173.12	73.861	51.834	0.03074	26.533	0
"2011-07-03	05:00:00"	5.4699	171.95	72.648	55.945	0.06741	26.533	0
"2011-07-03	06:00:00"	6.228	171.64	72.576	57.643	0.06063	26.53	0
"2011-07-03	07:00:00"	5.076	158.14	71.091	61.174	1.9496	26.536	0
"2011-07-03	08:00:00"	6.2988	173.45	72.005	60.766	80.407	26.542	0
"2011-07-03	09:00:00"	9.4423	182.62	76.98	52.388	262.93	26.553	0
"2011-07-03	10:00:00"	9.6064	184.09	80.85	44.945	462.66	26.565	0
"2011-07-03	11:00:00"	10.655	189.95	84.492	36.135	657.63	26.553	0
"2011-07-03	12:00:00"	10.674	191.39	87.129	30.747	795.41	26.55	0
"2011-07-03	13:00:00"	8.775	171.42	88.105	28.419	710.42	26.533	0
"2011-07-03	14:00:00"	9.7375	151.67	90.414	25.285	1057.8	26.521	0
"2011-07-03	15:00:00"	8.7651	149.6	91.56	23.712	944.02	26.503	0
"2011-07-03	16:00:00"	9.297	132.2	92.38	22.503	878.91	26.48	0
"2011-07-03	17:00:00"	8.4245	181.6	93.044	21.572	719.45	26.45	0
"2011-07-03	18:00:00"	8.9272	149.42	92.493	21.588	424.63	26.429	0
"2011-07-03	19:00:00"	10.844	150.72	92.176	22.132	417.56	26.415	0
"2011-07-03	20:00:00"	17.18	135.75	88.387	26.486	201.95	26.412	0
"2011-07-03	21:00:00"	12.342	141.05	87.724	24.932	63.062	26.438	0
"2011-07-03	22:00:00"	5.8657	126.89	84.073	28.05	0.4901	26.447	0
"2011-07-03	23:00:00"	5.4152	128.98	81.018	31.218	0.04706	26.459	0
"2011-07-04	00:00:00"	4.9877	139.23	79.026	33.558	0.06381	26.465	0
"2011-07-04	01:00:00"	5.6358	165.18	77.306	35.359	0.05024	26.468	0
"2011-07-04	02:00:00"	6.1162	179.18	75.688	34.476	0.06402	26.471	0
"2011-07-04	03:00:00"	6.008	191.64	74.428	35.145	0.04324	26.474	0
"2011-07-04	04:00:00"	3.4418	280.9	73.423	37.246	0.05872	26.485	0
"2011-07-04	05:00:00"	3.5853	248.85	73.251	38.538	0.05448	26.485	0
"2011-07-04	06:00:00"	3.6798	328.37	74.507	40.562	0.05575	26.483	0
"2011-07-04	07:00:00"	2.8322	146.04	71.658	45.722	1.3071	26.485	0
"2011-07-04	08:00:00"	3.5045	167.5	72.004	47.322	73.523	26.497	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-04	09:00:00"	6.704	183.45	77.966	41.216	259.6	26.515	0
"2011-07-04	10:00:00"	10.252	194.54	80.716	38.124	472.23	26.518	0
"2011-07-04	11:00:00"	6.9009	196.08	83.568	32.454	668.23	26.518	0
"2011-07-04	12:00:00"	6.9513	170.6	86.676	27.59	826.35	26.512	0
"2011-07-04	13:00:00"	8.2941	156.11	88.863	23.93	931.84	26.497	0
"2011-07-04	14:00:00"	9.9084	147.73	90.872	21.45	1011.9	26.477	0
"2011-07-04	15:00:00"	9.9009	149.11	92.178	19.443	1055.9	26.462	0
"2011-07-04	16:00:00"	10.1	141.32	93.69	16.589	911.52	26.447	0
"2011-07-04	17:00:00"	9.7058	149.83	94.352	14.911	833.53	26.429	0
"2011-07-04	18:00:00"	9.1491	139.69	94.328	14.536	603.37	26.42	0
"2011-07-04	19:00:00"	8.1002	147.91	94.165	15.731	464.09	26.409	0
"2011-07-04	20:00:00"	6.8898	147.15	93.312	17.046	239.27	26.412	0
"2011-07-04	21:00:00"	6.9258	142.57	91.706	18.581	75.455	26.415	0
"2011-07-04	22:00:00"	6.9134	138.12	87.831	22.384	0.69678	26.432	0
"2011-07-04	23:00:00"	6.3448	104.67	86.171	25.344	0.05745	26.456	0
"2011-07-05	00:00:00"	4.4005	106.71	85.241	26.441	0.05405	26.471	0
"2011-07-05	01:00:00"	4.5155	115.97	82.221	30.202	0.06741	26.477	0
"2011-07-05	02:00:00"	5.7495	155.84	80.807	32.332	0.07123	26.483	0
"2011-07-05	03:00:00"	4.0961	168.72	76.99	36.286	0.06635	26.483	0
"2011-07-05	04:00:00"	4.1271	184.01	75.669	38.008	0.06826	26.483	0
"2011-07-05	05:00:00"	4.659	197.7	73.896	40.062	0.05639	26.485	0
"2011-07-05	06:00:00"	4.3359	182.61	72.515	41.795	0.05003	26.488	0
"2011-07-05	07:00:00"	3.5232	189.62	71.35	43.312	1.4044	26.506	0
"2011-07-05	08:00:00"	4.4956	189.46	71.927	43.256	64.693	26.512	0
"2011-07-05	09:00:00"	6.4461	194.69	78.071	36.504	257.31	26.53	0
"2011-07-05	10:00:00"	10.273	195.64	82.018	32.017	472.16	26.536	0
"2011-07-05	11:00:00"	9.1634	192.95	85.333	28.228	666.55	26.533	0
"2011-07-05	12:00:00"	8.8129	174.75	88.314	25.018	788.18	26.53	0
"2011-07-05	13:00:00"	9.9189	152.09	89.578	23.297	775.42	26.515	0
"2011-07-05	14:00:00"	10.564	142.97	92.436	20.455	1016.4	26.506	0
"2011-07-05	15:00:00"	9.2851	119.49	92.663	20.03	677.19	26.485	0
"2011-07-05	16:00:00"	11.288	125.31	93.019	19.581	572.03	26.474	0
"2011-07-05	17:00:00"	10.827	133.19	95.081	16.603	783.04	26.462	0
"2011-07-05	18:00:00"	10.095	130.57	95.041	16.366	602.18	26.441	0
"2011-07-05	19:00:00"	9.7145	134.62	94.419	16.796	404.08	26.444	0
"2011-07-05	20:00:00"	9.0434	130.35	93.124	18.002	189.15	26.444	0
"2011-07-05	21:00:00"	7.9852	132.08	91.002	19.704	54.344	26.45	0
"2011-07-05	22:00:00"	5.1288	121.81	86.096	22.81	0.5539	26.453	0
"2011-07-05	23:00:00"	5.501	123.2	83.391	24.403	0.06041	26.471	0
"2011-07-06	00:00:00"	4.6882	126.78	80.468	26.634	0.07101	26.48	0
"2011-07-06	01:00:00"	4.71	128.52	79.186	27.846	0.07631	26.488	0
"2011-07-06	02:00:00"	5.6992	172.46	77.998	30.193	0.05808	26.491	0
"2011-07-06	03:00:00"	4.2688	196.31	74.638	34.341	0.05723	26.494	0
"2011-07-06	04:00:00"	4.4546	180.58	72.865	37.874	0.06041	26.506	0
"2011-07-06	05:00:00"	5.0934	183.62	71.823	40.698	0.06169	26.512	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-06	06:00:00"	4.8411	183.85	70.882	43.187	0.07716	26.524	0
"2011-07-06	07:00:00"	4.6646	184.02	70.615	44.549	1.6021	26.527	0
"2011-07-06	08:00:00"	3.8885	184.83	71.617	43.966	77.957	26.547	0
"2011-07-06	09:00:00"	8.3804	184.28	77.795	36.685	263.81	26.553	0
"2011-07-06	10:00:00"	9.0279	193.38	82.541	31.446	477.89	26.556	0
"2011-07-06	11:00:00"	8.3562	186.85	86.858	25.273	677.58	26.559	0
"2011-07-06	12:00:00"	7.6025	160.24	90.062	21.535	844.78	26.547	0
"2011-07-06	13:00:00"	9.8487	150.86	91.86	18.862	959.84	26.536	0
"2011-07-06	14:00:00"	11.426	150.61	93.176	17.696	966.66	26.521	0
"2011-07-06	15:00:00"	9.8444	123.08	94.203	17.059	891.52	26.506	0
"2011-07-06	16:00:00"	10.81	123.91	94.267	17.204	578.42	26.485	0
"2011-07-06	17:00:00"	9.8562	115.63	94.556	16.887	659.24	26.474	0
"2011-07-06	18:00:00"	11.106	142.99	94.794	16.757	442.19	26.453	0
"2011-07-06	19:00:00"	10.558	129.27	93.964	17.356	338.69	26.447	0
"2011-07-06	20:00:00"	9.5467	125.14	92.89	17.302	158.84	26.45	0
"2011-07-06	21:00:00"	8.2182	132.99	90.798	17.936	48.589	26.45	0
"2011-07-06	22:00:00"	5.7092	120.65	86.128	20.668	0.64484	26.462	0
"2011-07-06	23:00:00"	6.1758	117.34	83.067	22.801	0.05575	26.48	0
"2011-07-07	00:00:00"	5.8477	127.65	80.871	24.538	0.05384	26.48	0
"2011-07-07	01:00:00"	6.4324	121.25	79.074	26.767	0.0371	26.483	0
"2011-07-07	02:00:00"	6.8985	137.96	78.229	29.309	0.06889	26.485	0
"2011-07-07	03:00:00"	5.0076	174.53	76.121	33.979	0.06932	26.48	0
"2011-07-07	04:00:00"	4.866	176.67	73.534	38.419	0.05448	26.48	0
"2011-07-07	05:00:00"	5.1872	180.52	72.616	41.119	0.05893	26.483	0
"2011-07-07	06:00:00"	4.0134	185.11	71.231	43.693	0.05257	26.491	0
"2011-07-07	07:00:00"	3.6064	193.41	70.404	45.158	1.5778	26.494	0
"2011-07-07	08:00:00"	4.3011	188.38	71.463	44.266	78.63	26.503	0
"2011-07-07	09:00:00"	8.6669	194.44	77.902	36.686	261.9	26.512	0
"2011-07-07	10:00:00"	10.135	201.94	83.071	30.884	473.21	26.515	0
"2011-07-07	11:00:00"	9.7704	204.35	87.536	25.689	670.41	26.515	0
"2011-07-07	12:00:00"	8.3115	203.55	89.917	23.888	836.32	26.5	0
"2011-07-07	13:00:00"	6.74	181.6	91.846	21.07	951.77	26.488	0
"2011-07-07	14:00:00"	6.1963	161.88	94.052	17.899	1010.9	26.468	0
"2011-07-07	15:00:00"	6.5399	124.73	94.975	16.221	983.53	26.444	0
"2011-07-07	16:00:00"	7.654	182.83	96.66	15.555	942.57	26.423	0
"2011-07-07	17:00:00"	8.3338	148.47	97.517	14.9	841.53	26.406	0
"2011-07-07	18:00:00"	8.3127	145.57	97.584	14.326	612.21	26.391	0
"2011-07-07	19:00:00"	7.7858	133.38	97.323	14.442	432	26.379	0
"2011-07-07	20:00:00"	8.0312	131.4	96.461	15.008	234.79	26.382	0
"2011-07-07	21:00:00"	7.9138	140.09	93.73	16.733	59.385	26.385	0
"2011-07-07	22:00:00"	5.0517	130.58	87.941	20.546	0.64378	26.394	0
"2011-07-07	23:00:00"	4.7498	139.65	84.929	22.803	0.05872	26.403	0
"2011-07-08	00:00:00"	4.9312	145.01	82.407	24.948	0.07165	26.412	0
"2011-07-08	01:00:00"	6.5138	152.34	81.917	25.477	0.06253	26.418	0
"2011-07-08	02:00:00"	5.8906	162.48	79.815	27.35	0.05193	26.418	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-08	03:00:00"	7.3471	177.03	78.267	31.045	0.06275	26.418	0
"2011-07-08	04:00:00"	5.9751	182.63	75.185	35.874	0.04664	26.412	0
"2011-07-08	05:00:00"	6.6592	185.52	73.87	38.78	0.06275	26.409	0
"2011-07-08	06:00:00"	3.7009	209.56	71.551	42.321	0.05384	26.415	0
"2011-07-08	07:00:00"	5.1692	181.96	70.687	45.18	1.1396	26.415	0
"2011-07-08	08:00:00"	5.286	181.2	72.735	43.738	70.066	26.423	0
"2011-07-08	09:00:00"	7.4875	197.41	79.349	36.142	258.29	26.438	0
"2011-07-08	10:00:00"	8.1337	207.72	84.265	30.723	468.77	26.441	0
"2011-07-08	11:00:00"	7.0202	208.17	88.487	26.106	668.5	26.438	0
"2011-07-08	12:00:00"	6.7077	177.09	91.798	21.486	838.22	26.435	0
"2011-07-08	13:00:00"	7.8411	154.84	94.416	16.706	956.45	26.423	0
"2011-07-08	14:00:00"	9.4417	152.67	95.813	14.643	1011.4	26.409	0
"2011-07-08	15:00:00"	9.5008	135.93	97.493	14.077	999.98	26.385	0
"2011-07-08	16:00:00"	10.702	140.37	98.701	14.013	867.86	26.373	0
"2011-07-08	17:00:00"	11.332	141.46	98.556	14.459	742.73	26.358	0
"2011-07-08	18:00:00"	10.755	154.51	98.443	14.548	588.54	26.344	0
"2011-07-08	19:00:00"	11.323	151.62	98.285	15.364	446.18	26.344	0
"2011-07-08	20:00:00"	9.8692	155.79	96.79	16.987	232.33	26.344	0
"2011-07-08	21:00:00"	9.8046	150.06	94.269	18.936	54.92	26.347	0
"2011-07-08	22:00:00"	6.1472	154.79	89.925	22.382	0.55475	26.356	0
"2011-07-08	23:00:00"	5.1797	161.48	86.065	25.772	0.06508	26.373	0
"2011-07-09	00:00:00"	4.7081	178.07	83.49	28.949	0.06402	26.385	0
"2011-07-09	01:00:00"	5.0909	182.16	81.053	32.506	0.04918	26.385	0
"2011-07-09	02:00:00"	5.5544	182.11	79.478	34.604	0.07949	26.394	0
"2011-07-09	03:00:00"	5.8564	194.6	77.721	37.436	0.05681	26.391	0
"2011-07-09	04:00:00"	6.8028	194.77	77.24	38.801	0.06041	26.388	0
"2011-07-09	05:00:00"	3.988	236.02	74.976	41.319	0.06656	26.394	0
"2011-07-09	06:00:00"	4.0855	258.22	74.251	41.974	0.0424	26.394	0
"2011-07-09	07:00:00"	3.1976	252.57	74.115	41.952	1.1506	26.403	0
"2011-07-09	08:00:00"	3.0081	224.97	72.739	43.165	69.179	26.409	0
"2011-07-09	09:00:00"	5.1282	223.3	77.745	36.412	251.66	26.429	0
"2011-07-09	10:00:00"	9.8686	202.11	82.629	30.566	463.43	26.432	0
"2011-07-09	11:00:00"	9.9009	201.23	85.819	27.426	660.57	26.435	0
"2011-07-09	12:00:00"	8.7651	197.36	88.643	24.943	824.45	2.6429	0
"2011-07-09	13:00:00"	9.5119	173.94	91.86	22.247	938.82	26.432	0
"2011-07-09	14:00:00"	11.488	166.29	93.993	20.401	996.39	26.42	0
"2011-07-09	15:00:00"	11.355	164.96	96.03	18.495	990.15	26.412	0
"2011-07-09	16:00:00"	11.681	159.06	97.087	17.942	921.39	26.391	0
"2011-07-09	17:00:00"	11.896	160.28	97.744	17.437	805.87	26.373	0
"2011-07-09	18:00:00"	13.034	132.43	97.811	16.412	633.3	26.361	0
"2011-07-09	19:00:00"	13.132	145.11	97.006	17.661	410.75	26.35	0
"2011-07-09	20:00:00"	13.562	144.98	95.432	19.079	226.18	26.353	0
"2011-07-09	21:00:00"	11.869	150.03	93.218	20.426	57.912	26.37	0
"2011-07-09	22:00:00"	8.7831	151.92	89.93	23.121	0.56768	26.385	0
"2011-07-09	23:00:00"	4.9014	144.98	85.805	26.404	0.05193	26.409	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-10"	00:00:00"	4.6255	168.63	82.5	29.293	0.05278	26.426	0
"2011-07-10"	01:00:00"	5.9018	184.36	81.511	28.922	0.06826	26.426	0
"2011-07-10"	02:00:00"	6.328	194.04	78.303	31.925	0.04388	26.432	0
"2011-07-10"	03:00:00"	4.8473	201.26	77.378	34.421	0.05066	26.426	0
"2011-07-10"	04:00:00"	3.6164	217.35	74.816	38.064	0.05787	26.423	0
"2011-07-10"	05:00:00"	3.5847	201.37	73.257	44.069	0.06063	26.42	0
"2011-07-10"	06:00:00"	2.7135	171.42	73.075	45.635	0.06275	26.423	0
"2011-07-10"	07:00:00"	3.1149	116.13	72.508	46.874	1.2632	26.438	0
"2011-07-10"	08:00:00"	3.8531	132.88	72.807	46.773	73.704	26.45	0
"2011-07-10"	09:00:00"	9.845	174.61	77.694	41.975	256.17	26.456	0
"2011-07-10"	10:00:00"	13.109	177.38	80.969	41.971	468.19	26.459	0
"2011-07-10"	11:00:00"	11.827	172.8	84.653	36.503	668.2	26.468	0
"2011-07-10"	12:00:00"	11.153	166.69	87.964	29.46	833.36	26.462	0
"2011-07-10"	13:00:00"	12.972	148.47	89.46	27.641	946.23	26.465	0
"2011-07-10"	14:00:00"	12.238	152.37	90.826	26.545	1003	26.447	0
"2011-07-10"	15:00:00"	11.856	140.79	92.405	25.406	993.85	26.429	0
"2011-07-10"	16:00:00"	12.532	158.74	93.199	24.264	881.42	26.412	0
"2011-07-10"	17:00:00"	11.633	144.13	93.546	22.882	689.56	26.406	0
"2011-07-10"	18:00:00"	12.434	141.76	93.11	23.984	499.21	26.394	0
"2011-07-10"	19:00:00"	12.715	141.27	92.867	23.571	417.93	26.379	0
"2011-07-10"	20:00:00"	12.504	135.07	92.093	22.825	234.58	26.382	0
"2011-07-10"	21:00:00"	12.463	144.53	90.02	23.339	64.475	26.397	0
"2011-07-10"	22:00:00"	10.077	153.11	86.927	24.408	0.69317	26.409	0
"2011-07-10"	23:00:00"	7.0414	161.83	83.711	25.695	0.05448	26.432	0
"2011-07-11"	00:00:00"	8.6557	170.37	82.11	28.456	0.04939	26.444	0
"2011-07-11"	01:00:00"	5.8974	171.71	79.109	33.901	0.06487	26.447	0
"2011-07-11"	02:00:00"	3.2429	174.84	75.696	39.485	0.06465	26.453	0
"2011-07-11"	03:00:00"	3.7276	143.31	74.728	42.089	0.07271	26.45	0
"2011-07-11"	04:00:00"	5.3643	137.18	74.17	45.317	0.05384	26.456	0
"2011-07-11"	05:00:00"	7.0581	117.73	73.417	46.54	0.05851	26.462	0
"2011-07-11"	06:00:00"	7.5416	123.74	71.641	51.946	0.05851	26.462	0
"2011-07-11"	07:00:00"	7.5913	118.27	70.913	60.996	1.3957	26.468	0
"2011-07-11"	08:00:00"	8.0461	126.01	71.63	65.805	74.033	26.48	0
"2011-07-11"	09:00:00"	13.413	157.41	75.873	62.039	255.85	26.491	0
"2011-07-11"	10:00:00"	14.601	175.4	79.531	55.017	463.54	26.497	0
"2011-07-11"	11:00:00"	14.007	177.16	82.673	47.928	661.59	26.488	0
"2011-07-11"	12:00:00"	11.512	170.54	85.969	40.964	826.11	26.483	0
"2011-07-11"	13:00:00"	9.1808	162.27	88.553	34.731	1002.2	26.471	0
"2011-07-11"	14:00:00"	8.6762	163.52	89.978	30.977	832.41	26.453	0
"2011-07-11"	15:00:00"	9.0646	150.24	91.127	28.517	772.34	26.438	0
"2011-07-11"	16:00:00"	8.1536	167.71	93.373	24.313	814.48	26.42	0
"2011-07-11"	17:00:00"	9.4834	151.52	94.836	21.932	838.33	26.4	0
"2011-07-11"	18:00:00"	10.148	169.45	95.205	20.973	691.11	26.376	0
"2011-07-11"	19:00:00"	10.686	152.09	94.785	21.459	400.72	26.376	0
"2011-07-11"	20:00:00"	10.868	155.13	93.559	22.298	168.02	26.382	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-11	21:00:00"	12.157	168.78	91.51	24.314	34.571	26.391	0
"2011-07-11	22:00:00"	9.9078	171.3	88.706	29.919	0.3008	26.42	0
"2011-07-11	23:00:00"	14.37	186.4	82.421	45.83	0.04536	26.435	0
"2011-07-12	00:00:00"	12.181	173.93	80.353	50.328	0.05596	26.459	0
"2011-07-12	01:00:00"	11.896	178.32	78.965	52.684	0.06275	26.459	0
"2011-07-12	02:00:00"	10.108	166.94	78.16	52.07	0.06911	26.447	0
"2011-07-12	03:00:00"	10.351	171.17	78.013	53.289	0.05172	26.438	0
"2011-07-12	04:00:00"	10.041	171.01	77.628	54.818	0.05172	26.438	0
"2011-07-12	05:00:00"	10.067	167.71	77.396	54.93	0.05893	26.438	0
"2011-07-12	06:00:00"	10.885	164.88	77.12	54.821	0.05299	26.447	0
"2011-07-12	07:00:00"	8.1437	172.36	75.762	56.85	0.65459	26.453	0
"2011-07-12	08:00:00"	9.8537	172.36	75.745	57.436	67.398	26.459	0
"2011-07-12	09:00:00"	15.485	178.77	78.265	54.791	248.91	26.477	0
"2011-07-12	10:00:00"	14.088	182.57	81.733	49.479	457.08	26.477	0
"2011-07-12	11:00:00"	12.096	196.2	85.821	41.012	652.06	26.483	0
"2011-07-12	12:00:00"	10.856	207.75	88.526	35.728	815.42	26.474	0
"2011-07-12	13:00:00"	10.018	207.48	90.781	32.103	925.61	26.465	0
"2011-07-12	14:00:00"	9.8916	200.27	93.05	28.703	989.09	26.444	0
"2011-07-12	15:00:00"	9.6455	184.62	94.466	25.845	920.63	26.423	0
"2011-07-12	16:00:00"	8.7066	169.93	95.447	22.844	698.48	26.409	0
"2011-07-12	17:00:00"	11.405	198.93	95.907	23.978	737.63	26.391	0
"2011-07-12	18:00:00"	13.615	179.89	92.783	27.984	388.48	26.391	0
"2011-07-12	19:00:00"	17.521	162.71	86.676	37.376	293.6	26.388	0
"2011-07-12	20:00:00"	11.139	158.23	82.038	49.206	170.64	26.388	0
"2011-07-12	21:00:00"	9.8593	156.34	81.879	47.897	29.657	26.429	0
"2011-07-12	22:00:00"	5.6371	162.17	80.191	52.968	0.16852	26.423	0
"2011-07-12	23:00:00"	5.2413	107.12	79.149	53.786	0.06423	26.429	0
"2011-07-13	00:00:00"	7.8057	110.68	77.718	57.158	0.06593	26.435	0
"2011-07-13	01:00:00"	7.7907	135.58	78.282	56.161	0.06084	26.453	0
"2011-07-13	02:00:00"	6.9413	115.99	77.127	61.185	0.0513	26.45	0
"2011-07-13	03:00:00"	6.1242	67.382	75.213	67.222	0.05045	26.444	0
"2011-07-13	04:00:00"	5.642	67.708	73.889	72.512	0.06041	26.435	0
"2011-07-13	05:00:00"	5.3233	78.063	72.562	72.888	0.05978	26.432	0
"2011-07-13	06:00:00"	5.2475	90.303	71.649	74.866	0.07949	26.426	0
"2011-07-13	07:00:00"	4.8243	124.38	72.138	71.66	0.85131	26.429	0
"2011-07-13	08:00:00"	3.3759	158.5	73.057	66.343	32.911	26.438	0
"2011-07-13	09:00:00"	8.2394	176.69	76.311	57.613	109.23	26.45	0
"2011-07-13	10:00:00"	11.684	187.39	79.36	51.73	227.25	26.456	0
"2011-07-13	11:00:00"	11.336	194.33	84.738	42.982	609.82	26.453	0
"2011-07-13	12:00:00"	7.8442	196.5	88.04	37.576	781.15	26.45	0
"2011-07-13	13:00:00"	6.7017	189.29	90.271	33.163	929.77	26.438	0
"2011-07-13	14:00:00"	6.6468	182.68	93.193	27.864	982.41	26.418	0
"2011-07-13	15:00:00"	7.8721	153.9	95.331	24.251	945.63	26.397	0
"2011-07-13	16:00:00"	10.026	174.86	96.704	23.305	970.28	26.367	0
"2011-07-13	17:00:00"	11.275	165.36	97.638	23.116	783.39	26.35	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-13	18:00:00"	11.533	161.49	96.833	23.464	396.28	26.326	0
"2011-07-13	19:00:00"	11.436	166.39	96.957	23.075	396.48	26.317	0
"2011-07-13	20:00:00"	8.9428	177.4	95.362	23.351	70.897	26.326	0
"2011-07-13	21:00:00"	16.756	337.76	83.125	45.537	3.9937	26.376	0
"2011-07-13	22:00:00"	11.644	342.7	77.487	61.543	0.06317	26.385	0
"2011-07-13	23:00:00"	5.107	342.95	76.507	64.294	0.06529	26.426	0
"2011-07-14	00:00:00"	4.019	17.279	75.947	65.386	0.04558	26.418	0
"2011-07-14	01:00:00"	4.7498	70.169	75.227	66.293	0.06232	26.412	0
"2011-07-14	02:00:00"	4.6553	61.299	73.591	69.135	0.05193	26.42	0
"2011-07-14	03:00:00"	4.1278	41.235	71.853	73.252	0.06635	26.415	0
"2011-07-14	04:00:00"	2.9111	337.87	71.486	73.88	0.07758	26.412	0
"2011-07-14	05:00:00"	3.0006	320.52	71.716	76.44	0.05109	26.415	0
"2011-07-14	06:00:00"	3.2827	326.82	70.85	78.02	0.07864	26.412	0
"2011-07-14	07:00:00"	3.2647	353.92	69.554	76.331	1.0633	26.403	0
"2011-07-14	08:00:00"	2.3786	35.189	70.37	72.878	78.363	26.415	0
"2011-07-14	09:00:00"	5.1829	96.9	77.857	52.684	256.16	26.412	0
"2011-07-14	10:00:00"	7.5111	112.63	81.372	43.649	456.83	26.42	0
"2011-07-14	11:00:00"	4.3539	125.34	84.192	38.449	635.64	26.418	0
"2011-07-14	12:00:00"	4.2334	109.26	87.37	32.891	815.18	26.406	0
"2011-07-14	13:00:00"	6.3945	152.12	90.405	28.159	933.13	26.394	0
"2011-07-14	14:00:00"	6.1733	135.17	92.714	26.7	987.52	26.367	0
"2011-07-14	15:00:00"	7.7299	143.61	94.527	25.842	988.45	26.347	0
"2011-07-14	16:00:00"	7.9523	189.17	96.251	24.026	899.42	26.335	0
"2011-07-14	17:00:00"	8.7669	187.84	97.473	22.27	669.01	26.314	0
"2011-07-14	18:00:00"	8.0921	188.65	97.599	21.505	447.93	26.299	0
"2011-07-14	19:00:00"	6.942	157.48	97.517	20.957	359.71	26.282	0
"2011-07-14	20:00:00"	10.195	140.95	97.01	21.817	264	26.294	0
"2011-07-14	21:00:00"	8.332	154.39	94.551	23.38	36.903	26.308	0
"2011-07-14	22:00:00"	8.8334	167.21	91.774	25.652	0.13545	26.341	0
"2011-07-14	23:00:00"	6.7201	220.59	89.724	27.985	0.05596	26.373	0
"2011-07-15	00:00:00"	4.7504	217.75	86.015	33.313	0.03794	26.364	0
"2011-07-15	01:00:00"	5.7147	178.23	83.851	32.379	0.05045	26.364	0
"2011-07-15	02:00:00"	7.3695	175.88	82.311	33.763	0.0708	26.364	0
"2011-07-15	03:00:00"	5.9664	183.15	80.301	36.687	0.05172	26.356	0
"2011-07-15	04:00:00"	7.2787	177.58	78.858	40.214	0.05151	26.356	0
"2011-07-15	05:00:00"	5.9652	195.24	77.331	44.037	0.06338	26.364	0
"2011-07-15	06:00:00"	4.3751	192.47	74.495	48.509	0.05363	26.367	0
"2011-07-15	07:00:00"	3.5816	184.35	72.85	51.79	1.0145	26.382	0
"2011-07-15	08:00:00"	4.5615	180.8	73.819	52.021	74.101	26.391	0
"2011-07-15	09:00:00"	9.6337	165.84	79.662	44.683	260.32	26.403	0
"2011-07-15	10:00:00"	13.998	174.74	83.705	38.83	483.93	26.406	0
"2011-07-15	11:00:00"	13.373	179.53	86.981	33.232	676.22	26.403	0
"2011-07-15	12:00:00"	11.354	172.26	89.925	26.952	837.6	26.4	0
"2011-07-15	13:00:00"	11.923	159.37	92.155	23.679	954.05	26.394	0
"2011-07-15	14:00:00"	11.224	142.84	94	22.123	1009.9	26.379	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-15	15:00:00"	10.473	143.22	95.442	19.446	1011.9	26.37	0
"2011-07-15	16:00:00"	9.4616	149.46	96.958	18.694	938.57	26.35	0
"2011-07-15	17:00:00"	10.634	144.74	97.9	17.919	810.65	26.335	0
"2011-07-15	18:00:00"	10.303	144.44	98.255	16.903	639.09	26.323	0
"2011-07-15	19:00:00"	11.051	137.67	97.566	17.092	402.23	26.317	0
"2011-07-15	20:00:00"	9.7083	135.46	96.617	18.112	241.43	26.323	0
"2011-07-15	21:00:00"	8.0325	138.79	94.246	20.424	66.899	26.332	0
"2011-07-15	22:00:00"	6.1012	133.73	89.867	23.14	0.322	26.35	0
"2011-07-15	23:00:00"	5.6147	120.86	85.981	26.774	0.07101	26.37	0
"2011-07-16	00:00:00"	5.45	120.68	83.571	29.657	0.07525	26.376	0
"2011-07-16	01:00:00"	5.6526	131.85	82.219	31.388	0.05045	26.382	0
"2011-07-16	02:00:00"	4.6311	159.41	80.534	33.961	0.06105	26.385	0
"2011-07-16	03:00:00"	3.6512	182.81	78.254	37.299	0.05448	26.388	0
"2011-07-16	04:00:00"	3.6064	180.97	76.743	39.654	0.0443	26.391	0
"2011-07-16	05:00:00"	3.942	174.34	76.684	40.414	0.06381	26.397	0
"2011-07-16	06:00:00"	3.5549	170	75.348	43.051	0.05745	26.406	0
"2011-07-16	07:00:00"	3.6798	166.85	74.138	45.194	0.93886	26.415	0
"2011-07-16	08:00:00"	4.833	167.16	75.087	45.071	69.055	26.435	0
"2011-07-16	09:00:00"	9.0142	173.92	79.908	39.543	247.94	26.447	0
"2011-07-16	10:00:00"	9.9034	177.48	83.653	35.247	448.91	26.462	0
"2011-07-16	11:00:00"	8.8875	172.65	86.973	31.26	649.36	26.465	0
"2011-07-16	12:00:00"	9.722	145.43	90.165	27.656	810.96	26.465	0
"2011-07-16	13:00:00"	11.766	140.77	92.932	25.114	906.49	26.453	0
"2011-07-16	14:00:00"	12.689	131.51	94.569	23.32	935.62	26.444	0
"2011-07-16	15:00:00"	12.595	123.14	95.784	22.007	1000.5	26.435	0
"2011-07-16	16:00:00"	13.724	123.21	96.338	21.073	782.26	26.418	0
"2011-07-16	17:00:00"	13.606	128.84	96.061	21.639	526.75	26.412	0
"2011-07-16	18:00:00"	12.987	123.03	94.86	23.497	342.83	26.406	0
"2011-07-16	19:00:00"	12.004	115.41	96.4	23.125	309.77	26.397	0
"2011-07-16	20:00:00"	12.921	144.09	91.385	28.158	65.008	26.397	0
"2011-07-16	21:00:00"	11.413	141.6	90.268	27.932	29.606	26.412	0
"2011-07-16	22:00:00"	9.7959	134.41	87.928	30.889	0.53737	26.429	0
"2011-07-16	23:00:00"	8.299	129.55	85.452	32.762	0.07017	26.453	0
"2011-07-17	00:00:00"	8.286	125.5	83.476	35.568	0.06253	26.471	0
"2011-07-17	01:00:00"	9.335	129.37	82.63	37.197	0.06236	26.483	0
"2011-07-17	02:00:00"	6.5039	124.28	80.104	38.907	0.06084	26.488	0
"2011-07-17	03:00:00"	5.0884	119.27	77.342	42.163	0.06614	26.488	0
"2011-07-17	04:00:00"	4.3297	135.19	75.808	42.925	0.05278	26.488	0
"2011-07-17	05:00:00"	3.6972	151.19	74.907	44.014	0.04812	26.488	0
"2011-07-17	06:00:00"	4.1787	120.46	73.908	45.382	0.04091	26.497	0
"2011-07-17	07:00:00"	4.4217	156.44	73.532	46.096	0.62301	26.512	0
"2011-07-17	08:00:00"	3.3964	105.19	72.721	47.211	62.435	26.53	0
"2011-07-17	09:00:00"	8.1039	146.04	78.207	41.044	237.62	26.547	0
"2011-07-17	10:00:00"	9.5666	140.06	81.049	41.27	446.51	26.568	0
"2011-07-17	11:00:00"	9.1515	157.12	84.34	38.72	643.39	26.58	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-17	12:00:00"	9.6909	131.2	87.167	32.814	782.8	26.58	0
"2011-07-17	13:00:00"	11.681	128.63	88.79	30.954	744.16	26.574	0
"2011-07-17	14:00:00"	10.742	126.58	89.876	29.737	679.38	26.565	0
"2011-07-17	15:00:00"	12.544	141.02	89.391	30.52	385.19	26.559	0
"2011-07-17	16:00:00"	12.884	126.63	90.608	29.549	680.39	26.547	0
"2011-07-17	17:00:00"	12.325	115.52	92.201	27.471	778.22	26.527	0
"2011-07-17	18:00:00"	11.874	121.37	93.27	26.405	555.26	26.512	0
"2011-07-17	19:00:00"	12.68	123.03	93.366	25.728	447.03	26.506	0
"2011-07-17	20:00:00"	11.347	117.16	91.513	27.055	109.78	26.503	0
"2011-07-17	21:00:00"	9.8984	123.37	90.381	27.197	42.788	26.515	0
"2011-07-17	22:00:00"	7.1439	117.4	88.259	27.896	0.29444	26.53	0
"2011-07-17	23:00:00"	5.2145	94.995	84.853	31.028	0.03858	26.547	0
"2011-07-18	00:00:00"	5.2003	106.54	81.437	32.143	0.06699	26.556	0
"2011-07-18	01:00:00"	4.3707	107.15	78.945	32.809	0.06105	26.562	0
"2011-07-18	02:00:00"	4.3303	142.82	77.326	32.106	0.05681	26.562	0
"2011-07-18	03:00:00"	4.0837	162.34	75.387	33.872	0.07101	26.559	0
"2011-07-18	04:00:00"	2.7937	194.13	74.418	35.914	0.05575	26.562	0
"2011-07-18	05:00:00"	1.8902	280.06	73.616	37.618	0.04939	26.565	0
"2011-07-18	06:00:00"	1.7796	56.269	72.722	39.662	0.05257	26.568	0
"2011-07-18	07:00:00"	3.3834	46.369	68.544	44.833	0.80701	26.574	0
"2011-07-18	08:00:00"	3.1131	59.46	69.253	45.802	69.142	26.595	0
"2011-07-18	09:00:00"	4.9095	131.75	78.157	40.036	247.71	26.612	0
"2011-07-18	10:00:00"	8.9869	191.71	81.934	40.345	456.81	26.621	0
"2011-07-18	11:00:00"	8.2307	189.1	85.022	35.789	653.89	26.618	0
"2011-07-18	12:00:00"	7.2191	153.94	88.092	29.733	820.88	26.615	0
"2011-07-18	13:00:00"	10.63	143.72	90.177	26.1	909.6	26.601	0
"2011-07-18	14:00:00"	10.225	130.01	91.366	24.802	848.32	26.583	0
"2011-07-18	15:00:00"	8.9676	125.74	92.61	23.278	871.24	26.559	0
"2011-07-18	16:00:00"	7.8013	125.56	93.27	22.896	691.6	26.542	0
"2011-07-18	17:00:00"	7.8106	140.51	93.938	22.089	590.55	26.524	0
"2011-07-18	18:00:00"	7.91	130.14	94.874	21.658	543.9	26.509	0
"2011-07-18	19:00:00"	8.025	130.26	94.019	22.951	351.83	26.488	0
"2011-07-18	20:00:00"	8.6855	108.66	93.713	22.965	218.7	26.485	0
"2011-07-18	21:00:00"	6.0652	112.53	91.787	24.467	51.487	26.488	0
"2011-07-18	22:00:00"	4.7734	96.045	87.798	28.334	0.37944	26.497	0
"2011-07-18	23:00:00"	3.8221	80.611	83.091	32.591	0.06232	26.515	0
"2011-07-19	00:00:00"	3.7947	82.324	81.604	34.269	0.06741	26.521	0
"2011-07-19	00:00:00"	3.8028	70	80.24	36.1	0.22894	26.521	0
"2011-07-19	01:00:00"	4.4944	85.955	80.416	35.901	0.07483	26.512	0
"2011-07-19	02:00:00"	4.8529	88.2	78.859	38.146	0.06826	26.509	0
"2011-07-19	03:00:00"	4.9039	92.67	78.756	38.267	0.05957	26.503	0
"2011-07-19	04:00:00"	4.6273	119.56	77.877	40.008	0.04346	26.506	0
"2011-07-19	05:00:00"	4.1601	159.25	76.366	43.343	0.07462	26.506	0
"2011-07-19	06:00:00"	3.0435	183.66	75.047	45.374	0.05723	26.503	0
"2011-07-19	07:00:00"	3.868	172.34	74.156	46.344	0.65523	26.512	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-19	08:00:00"	3.7786	181.17	75.509	43.953	65.327	26.524	0
"2011-07-19	09:00:00"	5.3568	202.67	81.193	35.636	241.03	26.533	0
"2011-07-19	10:00:00"	8.5693	214.64	85.552	30.872	449	26.533	0
"2011-07-19	11:00:00"	6.7655	232.58	89.338	26.685	647.94	26.527	0
"2011-07-19	12:00:00"	5.0082	177.33	92.046	24.491	816.93	26.512	0
"2011-07-19	13:00:00"	7.4714	134.37	93.681	22.379	770.27	26.5	0
"2011-07-19	14:00:00"	6.6636	149.46	94.864	21.622	798.92	26.48	0
"2011-07-19	15:00:00"	5.524	106.88	96.223	19.954	989.03	26.456	0
"2011-07-19	16:00:00"	6.932	151.45	97.169	19.378	788.16	26.435	0
"2011-07-19	17:00:00"	7.2377	122.37	97.131	19.46	691.12	26.409	0
"2011-07-19	18:00:00"	8.4624	159.13	97.842	19.153	627.91	26.397	0
"2011-07-19	19:00:00"	8.0486	129.68	96.045	20.004	236.04	26.388	0
"2011-07-19	20:00:00"	6.7437	147.64	95.663	20.479	171.29	26.385	0
"2011-07-19	21:00:00"	8.0617	143.35	93.712	22.004	55.669	26.382	0
"2011-07-19	22:00:00"	5.7974	140.19	88.985	25.93	0.26243	26.394	0
"2011-07-19	23:00:00"	6.9581	154.67	85.856	29.959	0.04324	26.409	0
"2011-07-20	00:00:00"	6.5107	188.84	82.961	37.763	0.03646	26.415	0
"2011-07-20	01:00:00"	4.3378	195.16	79.272	42.293	0.07165	26.415	0
"2011-07-20	02:00:00"	4.0781	196.35	77.107	45.99	0.06041	26.409	0
"2011-07-20	03:00:00"	6.384	178.19	76.142	48.222	0.07801	26.412	0
"2011-07-20	04:00:00"	6.7742	189.97	75.842	47.906	0.06741	26.409	0
"2011-07-20	05:00:00"	6.2845	177.29	74.596	49.567	0.08225	26.406	0
"2011-07-20	06:00:00"	4.0358	181.91	72.253	54.556	0.06805	26.412	0
"2011-07-20	07:00:00"	5.7819	164.8	71.858	56.469	0.55941	26.418	0
"2011-07-20	08:00:00"	5.78	168.77	72.816	54.417	40.571	26.426	0
"2011-07-20	09:00:00"	8.4699	177.6	75.93	48.894	135.96	26.441	0
"2011-07-20	10:00:00"	9.4548	192.31	80.026	45.573	380.99	26.441	0
"2011-07-20	11:00:00"	9.5946	183.5	87.472	35.742	716.61	26.435	0
"2011-07-20	12:00:00"	9.6903	179.96	91.533	28.878	804.94	26.429	0
"2011-07-20	13:00:00"	9.2367	194.62	95.101	22.704	984.16	26.42	0
"2011-07-20	14:00:00"	7.8541	172.6	96.682	19.238	885.75	26.4	0
"2011-07-20	15:00:00"	9.0043	136.82	97.665	18.005	1065.7	26.379	0
"2011-07-20	16:00:00"	8.6476	134.75	98.136	18.066	709.85	26.356	0
"2011-07-20	17:00:00"	8.5513	121.84	98.056	18.059	631.77	26.341	0
"2011-07-20	18:00:00"	9.978	128.06	98.694	17.755	625.56	26.326	0
"2011-07-20	19:00:00"	11.766	124.22	97.693	18.306	354.18	26.32	0
"2011-07-20	20:00:00"	10.54	132.41	96.145	19.178	155.15	26.332	0
"2011-07-20	21:00:00"	9.3989	131.21	94.003	20.058	49.095	26.332	0
"2011-07-20	22:00:00"	6.6996	124.21	89.702	22.856	0.15241	26.344	0
"2011-07-20	23:00:00"	5.0859	130.24	86.513	26.389	0.05596	26.364	0
"2011-07-21	00:00:00"	4.4403	131.88	83.297	30.089	0.05066	26.379	0
"2011-07-21	01:00:00"	5.9347	161.68	82.467	32.747	0.05808	26.382	0
"2011-07-21	02:00:00"	6.6978	178.02	81.37	36.382	0.06783	26.379	0
"2011-07-21	03:00:00"	7.8796	178.52	80.575	42.02	0.06253	26.379	0
"2011-07-21	04:00:00"	9.2168	182.81	79.948	46.177	0.04727	26.376	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-21	05:00:00"	9.3616	187.85	79.075	47.32	0.0761	26.379	0
"2011-07-21	06:00:00"	5.4053	189.97	76.845	50.165	0.05681	26.388	0
"2011-07-21	07:00:00"	4.6211	175.3	74.65	53.092	0.58528	26.388	0
"2011-07-21	08:00:00"	6.6617	159.3	75.549	49.808	63.127	26.4	0
"2011-07-21	09:00:00"	10.446	171	79.251	43.988	235.01	26.406	0
"2011-07-21	10:00:00"	13.381	179.71	82.465	42.358	447.11	26.412	0
"2011-07-21	11:00:00"	10.537	180.91	85.963	38.049	643.46	26.403	0
"2011-07-21	12:00:00"	10.624	168.1	89.677	32.719	813.74	26.4	0
"2011-07-21	13:00:00"	10.504	147.68	92.374	28.214	937.44	26.388	0
"2011-07-21	14:00:00"	10.458	134.8	94.134	24.623	987.71	26.373	0
"2011-07-21	15:00:00"	9.4405	120.52	95.405	22.085	807.3	26.364	0
"2011-07-21	16:00:00"	7.9691	124.41	95.768	21.373	802.88	26.347	0
"2011-07-21	17:00:00"	9.8257	130.67	96.642	20.62	723.62	26.326	0
"2011-07-21	18:00:00"	9.9177	150.09	96.455	20.697	521.07	26.311	0
"2011-07-21	19:00:00"	11.387	136.89	96.059	21.414	380.54	26.299	0
"2011-07-21	20:00:00"	11.206	146.67	95.211	22.247	230.95	26.302	0
"2011-07-21	21:00:00"	10.271	139.74	92.477	25.302	44.194	26.32	0
"2011-07-21	22:00:00"	9.0559	150.28	89.677	28.762	0.22173	26.341	0
"2011-07-21	23:00:00"	8.514	154.07	87.553	31.559	0.07144	26.358	0
"2011-07-22	00:00:00"	8.0685	162.37	85.507	33.619	0.0549	26.373	0
"2011-07-22	01:00:00"	11.976	176.02	84.568	35.518	0.0708	26.391	0
"2011-07-22	02:00:00"	13.328	175.63	82.797	40.031	0.0477	26.394	0
"2011-07-22	03:00:00"	11.541	177.42	80.836	44.727	0.06169	26.391	0
"2011-07-22	04:00:00"	9.6337	173.5	79.16	48.033	0.05109	26.388	0
"2011-07-22	05:00:00"	6.6375	174.81	77.389	51.493	0.06275	26.391	0
"2011-07-22	06:00:00"	3.4213	159.87	75.368	55.171	0.05702	26.406	0
"2011-07-22	07:00:00"	5.1853	129.62	75.007	56.074	0.4494	26.403	0
"2011-07-22	08:00:00"	4.5857	139.6	74.509	57.828	57.04	26.418	0
"2011-07-22	09:00:00"	10.218	139.56	77.869	54.712	232.74	26.415	0
"2011-07-22	10:00:00"	11.38	159.52	80.237	54.488	445.14	26.423	0
"2011-07-22	11:00:00"	7.5571	169.68	83.109	49.628	641.54	26.423	0
"2011-07-22	12:00:00"	7.6478	139.01	85.98	42.074	807	26.418	0
"2011-07-22	13:00:00"	10.055	129.04	89.013	35.723	910.35	26.4	0
"2011-07-22	14:00:00"	11.519	140.7	91.483	31.508	994.04	26.385	0
"2011-07-22	15:00:00"	11.607	151.18	93.375	28.923	1005.3	26.361	0
"2011-07-22	16:00:00"	10.194	132.17	94.06	26.58	682.4	26.335	0
"2011-07-22	17:00:00"	9.6921	134.31	95.35	25.203	728.85	26.32	0
"2011-07-22	18:00:00"	10.007	123.51	95.241	24.91	441.32	26.302	0
"2011-07-22	19:00:00"	7.966	127.94	93.735	25.959	96.152	26.305	0
"2011-07-22	20:00:00"	9.0857	115.71	93.24	26.971	64.653	26.314	0
"2011-07-22	21:00:00"	9.3951	154.59	90.722	30.832	14.028	26.335	0
"2011-07-22	22:00:00"	11.057	187.13	86.796	36.76	0.07398	26.364	0
"2011-07-22	23:00:00"	10.409	185.33	83.897	40.829	0.06105	26.382	0
"2011-07-23	00:00:00"	6.7903	192.69	79.858	46.402	0.05745	26.406	0
"2011-07-23	01:00:00"	3.8805	215.61	76.093	52.647	0.0619	26.42	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-23	02:00:00"	3.3237	203.09	73.561	56.25	0.04579	26.412	0
"2011-07-23	03:00:00"	6.3958	179.83	72.557	59.027	0.05151	26.42	0
"2011-07-23	04:00:00"	6.8487	161.75	72.015	61.151	0.05766	26.426	0
"2011-07-23	05:00:00"	8.6395	166.24	72.718	60.751	0.06444	26.42	0
"2011-07-23	06:00:00"	9.1348	162.79	72.015	63.723	0.05257	26.418	0
"2011-07-23	07:00:00"	4.3521	189.43	69.863	71.149	0.52211	26.42	0
"2011-07-23	08:00:00"	3.7121	221.21	69.075	72.218	56.583	26.453	0
"2011-07-23	09:00:00"	8.2251	178.3	73.351	60.751	233.28	26.465	0
"2011-07-23	10:00:00"	11.896	164.35	77.863	51.893	427.81	26.468	0
"2011-07-23	11:00:00"	10.577	178.24	80.841	48.255	624.41	26.474	0
"2011-07-23	12:00:00"	8.8054	187.71	83.756	43.818	797.99	26.471	0
"2011-07-23	13:00:00"	6.3274	183.49	87.565	35.758	915.08	26.462	0
"2011-07-23	14:00:00"	6.9917	169.58	90.243	31.086	933.28	26.456	0
"2011-07-23	15:00:00"	8.1468	172.65	91.058	29.762	665.5	26.444	0
"2011-07-23	16:00:00"	8.775	193.82	91.764	27.858	518.94	26.426	0
"2011-07-23	17:00:00"	10.039	158.05	91.384	27.91	250.71	26.418	0
"2011-07-23	18:00:00"	10.661	173.65	91.465	27.532	253.53	26.418	0
"2011-07-23	19:00:00"	9.8158	178.1	92.728	25.236	455.25	26.418	0
"2011-07-23	20:00:00"	9.8556	170.31	91.568	27.224	168.17	26.423	0
"2011-07-23	21:00:00"	8.3382	179.38	89.803	28.729	32.251	26.441	0
"2011-07-23	22:00:00"	9.745	170.42	88.174	31.094	0.1291	26.468	0
"2011-07-23	23:00:00"	8.6774	173.99	85.672	36.832	0.05702	26.494	0
"2011-07-24	00:00:00"	11.874	173.53	84.215	38.66	0.06402	26.518	0
"2011-07-24	01:00:00"	10.952	173.48	81.886	42.07	0.06593	26.527	0
"2011-07-24	02:00:00"	8.7849	172.61	79.861	47.958	0.0708	26.527	0
"2011-07-24	03:00:00"	4.6261	162.66	77.189	54.187	0.06169	26.515	0
"2011-07-24	04:00:00"	4.0439	143.19	75.234	58.612	0.05236	26.509	0
"2011-07-24	05:00:00"	3.53	77.448	74.511	59.504	0.06423	26.521	0
"2011-07-24	06:00:00"	3.9637	86.998	73.401	60.854	0.06529	26.527	0
"2011-07-24	07:00:00"	5.1661	76.6	71.624	63.655	0.3716	26.542	0
"2011-07-24	08:00:00"	6.8326	101.21	72.493	61.798	54.727	26.553	0
"2011-07-24	09:00:00"	11.645	143.05	77.061	55.594	233.2	26.559	0
"2011-07-24	10:00:00"	13.501	170	80.206	52.879	441.18	26.571	0
"2011-07-24	11:00:00"	10.397	171.81	82.595	48.774	639.21	26.574	0
"2011-07-24	12:00:00"	9.1969	164.42	85.544	43.146	805.42	26.58	0
"2011-07-24	13:00:00"	9.8605	141.69	88.46	38.03	924.83	26.565	0
"2011-07-24	14:00:00"	9.3218	159.03	90.914	32.5	1017.7	26.559	0
"2011-07-24	15:00:00"	9.2156	164.85	92.739	29.906	948.55	26.542	0
"2011-07-24	16:00:00"	10.141	149.81	93.326	29.024	671.19	26.518	0
"2011-07-24	17:00:00"	10.355	156.97	95.356	26.568	822.67	26.5	0
"2011-07-24	18:00:00"	11.357	140.78	95.325	26.016	552.49	26.485	0
"2011-07-24	19:00:00"	10.771	149.38	95.079	24.893	430.51	26.477	0
"2011-07-24	20:00:00"	10.991	152.34	94.387	24.849	231.44	26.474	0
"2011-07-24	21:00:00"	9.6064	158.96	92.029	27.024	49.995	26.494	0
"2011-07-24	22:00:00"	6.1609	153.44	88.28	31.514	0.10302	26.509	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-24	23:00:00"	6.7555	155.99	86.675	35.49	0.05872	26.53	0
"2011-07-25	00:00:00"	5.1263	163.45	83.895	39.356	0.05405	26.539	0
"2011-07-25	01:00:00"	7.6677	177.38	82.722	41.967	0.06656	26.539	0
"2011-07-25	02:00:00"	7.9927	178.81	81.564	43.991	0.04282	26.539	0
"2011-07-25	03:00:00"	7.0022	179.41	79.674	46.637	0.06105	26.53	0
"2011-07-25	04:00:00"	5.7123	174.97	77.881	49.084	0.05851	26.524	0
"2011-07-25	05:00:00"	3.6201	146.54	75.479	52.967	0.05978	26.521	0
"2011-07-25	06:00:00"	5.3077	123.99	74.989	54.145	0.05554	26.509	0
"2011-07-25	07:00:00"	6.0391	123.24	74.43	53.975	0.44071	26.515	0
"2011-07-25	08:00:00"	6.804	111.91	73.978	54.911	60.666	26.527	0
"2011-07-25	09:00:00"	7.5062	148.47	78.317	46.62	237	26.545	0
"2011-07-25	10:00:00"	7.5472	185.27	83.068	39.908	446.81	26.547	0
"2011-07-25	11:00:00"	7.0805	184.02	86.857	36.823	648.34	26.542	0
"2011-07-25	12:00:00"	5.4855	192.5	89.915	32.978	812.68	26.536	0
"2011-07-25	13:00:00"	5.7135	156.36	92.185	28.436	929.02	26.518	0
"2011-07-25	14:00:00"	7.0737	145.79	94.525	23.364	1052.4	26.5	0
"2011-07-25	15:00:00"	7.7578	176.05	95.794	20.665	941.49	26.474	0
"2011-07-25	16:00:00"	8.2375	181.5	96.857	18.646	825.76	26.447	0
"2011-07-25	17:00:00"	8.8726	146.71	98.025	18.19	802.87	26.423	0
"2011-07-25	18:00:00"	7.7665	152.12	97.717	17.952	537.41	26.403	0
"2011-07-25	19:00:00"	8.1698	161.05	98.095	17.488	447.53	26.394	0
"2011-07-25	20:00:00"	7.1284	150.55	97.163	17.826	226.98	26.388	0
"2011-07-25	21:00:00"	7.3713	126.52	94.439	18.852	45.817	26.4	0
"2011-07-25	22:00:00"	5.7023	115.7	89.36	21.377	0.12698	26.412	0
"2011-07-25	23:00:00"	6.4032	119.81	86.563	24.54	0.07165	26.426	0
"2011-07-26	00:00:00"	6.1932	140.96	84.885	25.518	0.05384	26.429	0
"2011-07-26	01:00:00"	6.75	165.91	83.07	26.59	0.05405	26.423	0
"2011-07-26	02:00:00"	7.7678	193.21	82.013	27.464	0.07356	26.418	0
"2011-07-26	03:00:00"	4.5957	202.04	77.932	30.786	0.05808	26.415	0
"2011-07-26	04:00:00"	4.3713	203.33	75.575	33.039	0.06635	26.415	0
"2011-07-26	05:00:00"	3.7581	195.64	74.194	35.368	0.05003	26.412	0
"2011-07-26	06:00:00"	4.5665	187.25	73.676	38.603	0.06253	26.409	0
"2011-07-26	07:00:00"	4.3533	197.64	72.323	42.605	0.64145	26.409	0
"2011-07-26	08:00:00"	6.1733	179.1	73.955	44.195	62.711	26.415	0
"2011-07-26	09:00:00"	9.026	174.58	78.94	38.458	235.52	26.415	0
"2011-07-26	10:00:00"	8.2207	186.99	85.867	30.182	451.04	26.418	0
"2011-07-26	11:00:00"	7.3434	189.76	91.547	22.604	651.79	26.412	0
"2011-07-26	12:00:00"	9.0291	175.23	93.804	19.4	822.24	26.415	0
"2011-07-26	13:00:00"	10.495	173.29	95.54	15.981	947.49	26.403	0
"2011-07-26	14:00:00"	10.219	166.56	96.826	15.245	1003.2	26.382	0
"2011-07-26	15:00:00"	10.13	189.11	97.84	15.473	1010	26.364	0
"2011-07-26	16:00:00"	9.7468	166.29	98.625	14.722	851.85	26.341	0
"2011-07-26	17:00:00"	8.8552	177.24	99.198	13.804	808.71	26.329	0
"2011-07-26	18:00:00"	8.7918	170.44	99.584	13.471	637	26.305	0
"2011-07-26	19:00:00"	9.0757	158.31	99.101	13.058	442.2	26.294	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-26	20:00:00"	9.3454	164.49	98.141	14.269	229.75	26.296	0
"2011-07-26	21:00:00"	7.7	159.02	95.345	16.099	50.341	26.299	0
"2011-07-26	22:00:00"	6.2454	150.57	90.215	20.734	0.09836	26.317	0
"2011-07-26	23:00:00"	6.141	153.48	87.125	24.593	0.0549	26.338	0
"2011-07-27	00:00:00"	7.8566	168.21	85.968	27.755	0.05533	26.35	0
"2011-07-27	01:00:00"	12.468	178.19	85.745	29.716	0.06487	26.367	0
"2011-07-27	02:00:00"	10.643	185.45	83.513	33.279	0.07059	26.364	0
"2011-07-27	03:00:00"	9.9463	186.57	81.87	34.34	0.05533	26.361	0
"2011-07-27	04:00:00"	9.4169	180.45	80.228	36.976	0.0566	26.356	0
"2011-07-27	05:00:00"	8.1953	176.87	78.82	40.346	0.06911	26.361	0
"2011-07-27	06:00:00"	6.791	180.79	77.118	43.583	0.05639	26.356	0
"2011-07-27	07:00:00"	6.2479	184.98	76.31	45.383	0.94098	26.356	0
"2011-07-27	08:00:00"	3.7779	218.71	74.976	47.244	60.357	26.373	0
"2011-07-27	09:00:00"	9.0229	176.09	80.054	39.777	232.9	26.382	0
"2011-07-27	10:00:00"	13.476	167.28	84.234	34.497	445.04	26.388	0
"2011-07-27	11:00:00"	11.323	181.4	87.532	30.847	641.45	26.391	0
"2011-07-27	12:00:00"	8.2369	173.18	90.408	27.216	807.32	26.385	0
"2011-07-27	13:00:00"	9.5505	156.3	92.907	23.872	928.2	26.37	0
"2011-07-27	14:00:00"	9.3212	151.26	95.236	21.088	987.95	26.358	0
"2011-07-27	15:00:00"	8.5718	137.76	96.85	19.23	985.94	26.344	0
"2011-07-27	16:00:00"	9.269	152.7	98.324	17.839	919.47	26.329	0
"2011-07-27	17:00:00"	8.98	161.64	98.885	17.368	793.64	26.311	0
"2011-07-27	18:00:00"	8.501	138.21	99.287	17.137	624.78	26.299	0
"2011-07-27	19:00:00"	9.3591	127.25	98.81	17.644	394.57	26.294	0
"2011-07-27	20:00:00"	8.9129	137.82	97.958	17.891	215.38	26.302	0
"2011-07-27	21:00:00"	9.4454	139.75	95.383	19.781	42.319	26.32	0
"2011-07-27	22:00:00"	8.6147	134.36	91.618	21.646	0.06677	26.338	0
"2011-07-27	23:00:00"	8.0896	140.74	89.155	23.449	0.05045	26.364	0
"2011-07-28	00:00:00"	8.7222	158.52	87.198	25.662	0.05639	26.379	0
"2011-07-28	01:00:00"	8.9664	178.72	84.996	28.303	0.06444	26.388	0
"2011-07-28	02:00:00"	7.9281	184.7	82.83	30.008	0.05893	26.385	0
"2011-07-28	03:00:00"	7.7435	186.08	81.228	32.406	0.06084	26.391	0
"2011-07-28	04:00:00"	7.298	248.05	79.403	36.216	0.05024	26.382	0
"2011-07-28	05:00:00"	4.9741	192.49	76.795	40.378	0.04494	26.382	0
"2011-07-28	06:00:00"	2.5694	184.59	74.89	43.576	0.05617	26.382	0
"2011-07-28	07:00:00"	3.517	138.5	74.254	44.551	0.42142	26.403	0
"2011-07-28	08:00:00"	4.9132	134.84	74.774	43.463	56.986	26.42	0
"2011-07-28	09:00:00"	9.955	164.3	79.119	38.771	234.22	26.426	0
"2011-07-28	10:00:00"	13.171	168.4	83.782	33.902	442.93	26.441	0
"2011-07-28	11:00:00"	13.22	166.67	87.359	30.558	642.17	26.444	0
"2011-07-28	12:00:00"	12.749	164.27	90.404	26.669	808.75	26.444	0
"2011-07-28	13:00:00"	13.827	156.4	93.525	21.068	927.09	26.441	0
"2011-07-28	14:00:00"	13.796	148	95.378	20.591	983.74	26.432	0
"2011-07-28	15:00:00"	13.461	150.39	96.092	19.963	967.81	26.423	0
"2011-07-28	16:00:00"	11.625	154.15	97.133	19.411	918.16	26.406	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-28	17:00:00"	11.306	146.96	97.581	17.985	777.24	26.391	0
"2011-07-28	18:00:00"	11.311	130.44	97.864	17.765	634.19	26.379	0
"2011-07-28	19:00:00"	11.251	138.11	97.078	18.098	410.21	26.364	0
"2011-07-28	20:00:00"	10.166	130.61	95.994	19.019	211.96	26.379	0
"2011-07-28	21:00:00"	7.7541	134.49	93.299	20.917	44.017	26.4	0
"2011-07-28	22:00:00"	7.1594	111.89	89.39	24.168	0.04876	26.429	0
"2011-07-28	23:00:00"	8.1853	110.51	87.202	28.2	0.05935	26.447	0
"2011-07-29	00:00:00"	9.0975	124.76	85.382	30.202	0.06741	26.453	0
"2011-07-29	01:00:00"	9.9687	158.55	83.535	35.251	0.07886	26.465	0
"2011-07-29	02:00:00"	6.3771	178.38	80.981	39.883	0.05384	26.462	0
"2011-07-29	03:00:00"	4.6708	183.85	78.766	43.686	0.07038	26.465	0
"2011-07-29	04:00:00"	3.5275	168.29	77.455	46.873	0.05088	26.468	0
"2011-07-29	05:00:00"	4.4981	152.01	76.449	49.809	0.06487	26.474	0
"2011-07-29	06:00:00"	2.6458	79.078	75.507	51.241	0.07123	26.491	0
"2011-07-29	07:00:00"	4.0718	47.306	73.5	53.801	0.29656	26.512	0
"2011-07-29	08:00:00"	3.8171	42.884	72.673	55.158	47.849	26.521	0
"2011-07-29	09:00:00"	4.2458	28.609	77.288	48.044	159.44	26.536	0
"2011-07-29	10:00:00"	5.4935	136.37	80.767	44.289	419.8	26.539	0
"2011-07-29	11:00:00"	5.9235	158.87	83.771	42.073	628.71	26.547	0
"2011-07-29	12:00:00"	4.3254	112.96	86.929	35.704	792.81	26.55	0
"2011-07-29	13:00:00"	8.7147	118.24	90.4	28.613	926.08	26.542	0
"2011-07-29	14:00:00"	11.249	127.02	92.948	25.122	999.66	26.515	0
"2011-07-29	15:00:00"	10.78	120.37	91.634	26.756	338.26	26.503	0
"2011-07-29	16:00:00"	10.589	87.584	92.298	25.671	576.97	26.477	0
"2011-07-29	17:00:00"	9.863	114.26	93.759	24.044	557.45	26.462	0
"2011-07-29	18:00:00"	11.245	52.914	88.234	32.45	132.23	26.456	0
"2011-07-29	19:00:00"	10.141	131.45	83.94	42.004	84.223	26.45	0
"2011-07-29	20:00:00"	13.109	129.8	88.683	31.927	138.88	26.459	0
"2011-07-29	21:00:00"	8.4861	119.5	86.509	32.839	16.36	26.48	0
"2011-07-29	22:00:00"	5.9142	110.16	83.483	36.663	0.05914	26.497	0
"2011-07-29	23:00:00"	5.693	90.34	81.082	39.066	0.04812	26.512	0
"2011-07-30	00:00:00"	4.3819	72.66	78.475	43.404	0.06889	26.521	0
"2011-07-30	01:00:00"	4.4826	48.188	76.141	48.117	0.0549	26.527	0
"2011-07-30	02:00:00"	4.6317	46.432	74.7	53.402	0.05427	26.53	0
"2011-07-30	03:00:00"	2.6576	84.485	75.068	51.505	0.05702	26.527	0
"2011-07-30	04:00:00"	3.4921	138.06	74.686	52.712	0.05851	26.524	0
"2011-07-30	05:00:00"	4.3831	208.48	74.143	51.815	0.06317	26.527	0
"2011-07-30	06:00:00"	2.1984	258.91	73.145	50.998	0.0566	26.542	0
"2011-07-30	07:00:00"	3.7226	28.873	69.664	61.46	0.2743	26.553	0
"2011-07-30	08:00:00"	4.3415	31.953	69.516	64.26	26.379	26.577	0
"2011-07-30	09:00:00"	5.6806	142.2	76.897	49.229	210.46	26.589	0
"2011-07-30	10:00:00"	8.9502	185.44	80.687	50.879	429.26	26.592	0
"2011-07-30	11:00:00"	7.7479	187.77	83.674	46.764	633.08	26.601	0
"2011-07-30	12:00:00"	4.8417	144.28	86.445	37.36	729.05	26.601	0
"2011-07-30	13:00:00"	6.6462	125.54	89.524	32.013	855.94	26.586	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-07-30	14:00:00"	8.7334	112.15	91.092	29.717	693.37	26.571	0
"2011-07-30	15:00:00"	9.0353	106.63	92.627	27.321	713.71	26.542	0
"2011-07-30	16:00:00"	10.613	111.23	94.014	25.939	821.65	26.512	0
"2011-07-30	17:00:00"	13.458	120.87	93.627	26.618	420.24	26.506	0
"2011-07-30	18:00:00"	13.431	137.85	89.697	33.338	104.49	26.5	0
"2011-07-30	19:00:00"	10.998	129.8	90.447	31.094	164.17	26.488	0
"2011-07-30	20:00:00"	11.832	125.12	91.719	27.171	189.63	26.491	0
"2011-07-30	21:00:00"	10.542	124.93	89.678	30.099	38.428	26.509	0
"2011-07-30	22:00:00"	9.0844	134.77	86.733	35.495	0.07801	26.539	0
"2011-07-30	23:00:00"	11.671	171.44	83.326	48.101	0.0477	26.568	0
"2011-07-31	00:00:00"	10.369	176.92	80.242	56.576	0.06614	26.574	0
"2011-07-31	01:00:00"	9.0509	168.79	78.659	60.814	0.05745	26.589	0
"2011-07-31	02:00:00"	7.7951	177.4	77.368	61.676	0.08352	26.592	0
"2011-07-31	03:00:00"	5.7688	175.27	75.988	63.264	0.07928	26.595	0
"2011-07-31	04:00:00"	5.1499	179.52	74.634	66.475	0.05851	26.598	0
"2011-07-31	05:00:00"	7.1594	180.49	74.235	67.587	0.05745	26.598	0
"2011-07-31	06:00:00"	4.7286	175.76	72.873	70.771	0.06126	26.595	0
"2011-07-31	07:00:00"	3.4996	140.86	71.259	74.705	0.2495	26.607	0
"2011-07-31	08:00:00"	5.9005	126.71	71.883	73.857	50.942	26.624	0
"2011-07-31	09:00:00"	10.279	156.45	75.406	67.034	217.08	26.633	0
"2011-07-31	10:00:00"	13.025	173.19	78.894	58.489	428.67	26.642	0
"2011-07-31	11:00:00"	12.244	174.05	81.813	51.182	628.94	26.639	0
"2011-07-31	12:00:00"	10.921	176.68	84.645	44.388	794.87	26.636	0
"2011-07-31	13:00:00"	10.726	163.62	87.575	37.718	936.1	26.624	0
"2011-07-31	14:00:00"	10.683	160.22	88.57	34.866	796.53	26.615	0
"2011-07-31	15:00:00"	10.405	146.25	90.437	31.203	927.32	26.598	0
"2011-07-31	16:00:00"	11.149	155.35	92.428	27.216	943.57	26.583	0
"2011-07-31	17:00:00"	12.33	151.43	93.136	24.861	713.08	26.565	0
"2011-07-31	18:00:00"	12.646	145.65	93.505	21.329	581.47	26.55	0
"2011-07-31	19:00:00"	11.399	141.07	93.48	20.483	430.21	26.533	0
"2011-07-31	20:00:00"	11.841	153.35	92.395	20.54	216.59	26.53	0
"2011-07-31	21:00:00"	9.7033	150.36	89.794	22.128	40.664	26.536	0
"2011-07-31	22:00:00"	5.4438	146.89	85.263	25.576	0.06571	26.55	0
"2011-07-31	23:00:00"	4.2694	150.38	81.51	29.421	0.06465	26.583	0
"2011-08-01	00:00:00"	5.286	160.39	79.53	31.31	0.07123	26.589	0
"2011-08-01	01:00:00"	5.6886	174.29	77.448	34.646	0.05321	26.601	0
"2011-08-01	02:00:00"	6.1472	180.63	76.01	38.351	0.0602	26.601	0
"2011-08-01	03:00:00"	6.3523	182.06	73.536	44.033	0.05257	26.589	0
"2011-08-01	04:00:00"	3.9364	198.43	71.003	49.687	0.06126	26.583	0
"2011-08-01	05:00:00"	3.4281	172.62	69.716	53.358	0.06381	26.58	0
"2011-08-01	06:00:00"	3.3921	182.39	69.82	57.432	0.05236	26.58	0
"2011-08-01	07:00:00"	4.3055	168.33	69.155	60.905	0.22025	26.583	0
"2011-08-01	08:00:00"	4.8312	167.1	70.015	61.8	55.427	26.595	0
"2011-08-01	09:00:00"	8.8073	173.56	75.969	53.023	233.99	26.604	0
"2011-08-01	10:00:00"	12.567	184.1	81.668	43.567	447.79	26.607	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-01	11:00:00"	11.537	179.88	84.958	37.636	648.46	26.607	0
"2011-08-01	12:00:00"	10.369	173.57	87.364	32.787	815.86	26.592	0
"2011-08-01	13:00:00"	10.6	168.19	90.179	25.037	937.48	26.577	0
"2011-08-01	14:00:00"	9.8947	163.41	92.585	20.696	996.53	26.553	0
"2011-08-01	15:00:00"	10.834	148.56	93.801	19.126	991.29	26.533	0
"2011-08-01	16:00:00"	10.246	168.05	95.012	17.4	925.07	26.518	0
"2011-08-01	17:00:00"	10.033	182.78	95.897	16.117	802.41	26.497	0
"2011-08-01	18:00:00"	9.5542	163.3	96.504	16.537	629.01	26.48	0
"2011-08-01	19:00:00"	9.5244	181.35	96.417	16.857	427.18	26.471	0
"2011-08-01	20:00:00"	7.659	183.04	95.627	17.923	212.74	26.474	0
"2011-08-01	21:00:00"	7.2147	165.97	92.487	20.736	43.52	26.471	0
"2011-08-01	22:00:00"	4.879	132.39	86.649	25.067	0.05024	26.48	0
"2011-08-01	23:00:00"	6.0018	131.26	84.195	27.779	0.06211	26.488	0
"2011-08-02	00:00:00"	6.5927	141.66	83.263	29.462	0.06465	26.494	0
"2011-08-02	01:00:00"	6.0441	152.53	81.403	32.573	0.07398	26.494	0
"2011-08-02	02:00:00"	5.7645	170.56	79.056	35.61	0.07229	26.494	0
"2011-08-02	03:00:00"	7.5459	179.74	79.162	34.413	0.06317	26.491	0
"2011-08-02	04:00:00"	6.6735	181.75	78.151	34.784	0.04897	26.477	0
"2011-08-02	05:00:00"	3.9799	181.95	74.369	39.092	0.05787	26.471	0
"2011-08-02	06:00:00"	4.5037	169.66	72.735	41.364	0.06593	26.474	0
"2011-08-02	07:00:00"	5.3208	172.41	73.166	41.986	0.21283	26.477	0
"2011-08-02	08:00:00"	5.2152	173.38	74.049	42.3	53.259	26.488	0
"2011-08-02	09:00:00"	8.8906	174.55	79.604	36.801	224.52	26.5	0
"2011-08-02	10:00:00"	13.448	181.7	85.228	30.68	436.66	26.5	0
"2011-08-02	11:00:00"	11.503	185.57	89.684	26.012	623.15	26.497	0
"2011-08-02	12:00:00"	11.293	173.26	93.063	21.634	801.98	26.494	0
"2011-08-02	13:00:00"	10.006	159.93	95.133	19.88	922.91	26.483	0
"2011-08-02	14:00:00"	8.268	147.99	96.456	17.78	985.38	26.468	0
"2011-08-02	15:00:00"	8.7955	141.57	97.848	16.211	986.23	26.45	0
"2011-08-02	16:00:00"	7.6062	175.3	98.961	15.006	925.14	26.426	0
"2011-08-02	17:00:00"	7.6056	151.7	99.866	14.282	779.34	26.412	0
"2011-08-02	18:00:00"	9.2044	140.15	100.05	13.423	639.08	26.397	0
"2011-08-02	19:00:00"	9.1261	132.71	99.37	12.862	421.84	26.394	0
"2011-08-02	20:00:00"	9.5728	130.16	98.201	13.177	212.1	26.391	0
"2011-08-02	21:00:00"	8.5513	126.31	94.89	15.687	40.997	26.403	0
"2011-08-02	22:00:00"	6.7089	123.64	89.726	18.898	0.07398	26.415	0
"2011-08-02	23:00:00"	5.4463	134.8	86.051	22.648	0.05639	26.432	0
"2011-08-03	00:00:00"	6.3914	145.29	84.34	24.856	0.05829	26.432	0
"2011-08-03	01:00:00"	6.3162	160.44	82.458	27.739	0.05766	26.435	0
"2011-08-03	02:00:00"	7.2787	179.52	80.824	32.272	0.06805	26.435	0
"2011-08-03	03:00:00"	7.861	192.45	81.725	35.279	0.06211	26.441	0
"2011-08-03	04:00:00"	5.2089	180.51	78.026	40.724	0.04494	26.435	0
"2011-08-03	05:00:00"	5.4668	172.06	76.066	45.575	0.07462	26.441	0
"2011-08-03	06:00:00"	3.9103	238.21	74.415	48.464	0.05257	26.456	0
"2011-08-03	07:00:00"	2.9105	249.01	75.689	48.122	0.14605	26.477	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-03	08:00:00"	3.8332	353.66	73.959	51.361	15.536	26.491	0
"2011-08-03	09:00:00"	5.0213	32.443	75.735	49.144	149.43	26.503	0
"2011-08-03	10:00:00"	3.4598	107.97	84.175	36.978	430.62	26.509	0
"2011-08-03	11:00:00"	3.7313	311.69	88.496	30.687	701.47	26.506	0
"2011-08-03	12:00:00"	6.0118	131.18	91.171	27.568	777.05	26.5	0
"2011-08-03	13:00:00"	10.455	126.58	92.869	26.188	897.38	26.483	0
"2011-08-03	14:00:00"	12.089	129.13	94.892	24.233	950.79	26.453	0
"2011-08-03	15:00:00"	11.779	128.55	96.127	22.761	887.92	26.429	0
"2011-08-03	16:00:00"	11.162	128.91	97.234	20.961	788.06	26.412	0
"2011-08-03	17:00:00"	10.497	117	97.525	19.177	662.78	26.391	0
"2011-08-03	18:00:00"	10.453	133.2	98.253	18.379	649.51	26.373	0
"2011-08-03	19:00:00"	10.259	134.55	97.894	18.291	375.27	26.356	0
"2011-08-03	20:00:00"	10.455	131.67	96.431	19.137	177.61	26.361	0
"2011-08-03	21:00:00"	7.7895	147.81	93.758	21.43	33.514	26.37	0
"2011-08-03	22:00:00"	4.6236	127.38	88.623	25.255	0.05533	26.391	0
"2011-08-03	23:00:00"	4.9927	136.75	86.477	28.487	0.06635	26.403	0
"2011-08-04	00:00:00"	4.1551	143.67	84.316	32.026	0.06635	26.409	0
"2011-08-04	01:00:00"	3.8488	160.15	82.858	34.064	0.0672	26.423	0
"2011-08-04	02:00:00"	3.6959	198.2	80.623	36.771	0.04982	26.429	0
"2011-08-04	03:00:00"	4.1377	207.93	79.259	39.313	0.0566	26.438	0
"2011-08-04	04:00:00"	4.9623	195.42	78.517	41.427	0.06338	26.438	0
"2011-08-04	05:00:00"	3.8264	211.26	77.713	43.624	0.06677	26.441	0
"2011-08-04	06:00:00"	1.5391	211.92	76.907	45.198	0.06126	26.444	0
"2011-08-04	07:00:00"	1.7833	142.72	75.122	47.87	0.08013	26.447	0
"2011-08-04	08:00:00"	3.2684	72.823	76.373	47.084	43.54	26.465	0
"2011-08-04	09:00:00"	5.6246	7.1063	81.757	40.388	211.79	26.48	0
"2011-08-04	10:00:00"	3.5033	334.82	85.22	35.192	419.89	26.488	0
"2011-08-04	11:00:00"	4.6199	162.85	88.074	31.141	620.6	26.485	0
"2011-08-04	12:00:00"	5.1157	167.88	90.539	28.198	788.21	26.485	0
"2011-08-04	13:00:00"	8.7626	155.7	92.666	26.784	910.81	26.471	0
"2011-08-04	14:00:00"	7.9312	158.29	94.582	23.927	1007.4	26.453	0
"2011-08-04	15:00:00"	7.0662	134.91	95.714	22.044	706.91	26.435	0
"2011-08-04	16:00:00"	8.7899	172.82	97.332	19.988	738.4	26.412	0
"2011-08-04	17:00:00"	8.4165	145.13	97.939	18.593	813.84	26.394	0
"2011-08-04	18:00:00"	9.241	160.31	98.342	17.938	603.19	26.382	0
"2011-08-04	19:00:00"	8.0256	137.93	97.988	17.955	418.87	26.376	0
"2011-08-04	20:00:00"	7.7168	151.91	97.032	18.341	212.72	26.379	0
"2011-08-04	21:00:00"	6.1391	146.66	94.049	20.129	36.084	26.385	0
"2011-08-04	22:00:00"	5.112	135.05	89.558	24	0.05088	26.394	0
"2011-08-04	23:00:00"	4.2937	140.46	86.466	26.828	0.05554	26.409	0
"2011-08-05	00:00:00"	5.3954	145.66	85.5	28.033	0.05151	26.418	0
"2011-08-05	01:00:00"	6.4492	174.03	83.202	30.093	0.06805	26.423	0
"2011-08-05	02:00:00"	5.6315	193.44	81.515	31.587	0.04982	26.432	0
"2011-08-05	03:00:00"	3.75	192	78.492	34.103	0.07038	26.426	0
"2011-08-05	04:00:00"	3.8711	189.05	77.438	35.024	0.05766	26.426	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-05	05:00:00"	5.386	176.38	76.985	36.393	0.05448	26.426	0
"2011-08-05	06:00:00"	5.9919	179.23	76.908	36.74	0.05851	26.435	0
"2011-08-05	07:00:00"	6.3262	170.22	76.223	38.391	0.11828	26.438	0
"2011-08-05	08:00:00"	7.797	167.89	76.951	39.082	46.632	26.453	0
"2011-08-05	09:00:00"	10.763	173.99	81.567	35.476	217.25	26.465	0
"2011-08-05	10:00:00"	12.339	184.34	86.802	30.704	429.91	26.471	0
"2011-08-05	11:00:00"	10.998	185.37	90.193	26.998	634.14	26.474	0
"2011-08-05	12:00:00"	8.9055	167.6	92.843	23.866	804.8	26.471	0
"2011-08-05	13:00:00"	10.709	159.37	94.76	21.139	923.37	26.453	0
"2011-08-05	14:00:00"	10.167	138.61	96.522	19.382	984.83	26.435	0
"2011-08-05	15:00:00"	11.002	148.88	97.873	17.28	985	26.423	0
"2011-08-05	16:00:00"	9.0173	151.78	99.125	16.333	917.39	26.409	0
"2011-08-05	17:00:00"	8.8278	167.39	99.674	15.302	793.86	26.391	0
"2011-08-05	18:00:00"	10.008	156.92	100.04	15.51	628.52	26.379	0
"2011-08-05	19:00:00"	10.661	145.99	99.574	16.415	403.46	26.361	0
"2011-08-05	20:00:00"	9.9146	141.13	98.357	17.136	198.82	26.37	0
"2011-08-05	21:00:00"	7.7932	144.71	95.185	18.984	23.873	26.373	0
"2011-08-05	22:00:00"	6.0055	135.81	90.367	22.201	0.06805	26.388	0
"2011-08-05	23:00:00"	6.0876	142.45	87.938	24.362	0.05872	26.4	0
"2011-08-06	00:00:00"	6.4777	163.01	86.195	25.888	0.05257	26.412	0
"2011-08-06	00:00:00"	66.437	175.3	79.88	100	0	0	0
"2011-08-06	01:00:00"	6.9364	189.48	85.075	27.827	0.05363	26.429	0
"2011-08-06	02:00:00"	4.2079	203.64	81.635	31.549	0.06253	26.438	0
"2011-08-06	03:00:00"	4.1526	212.05	79.209	35.252	0.06275	26.435	0
"2011-08-06	04:00:00"	4.6218	205.07	78.23	37.681	0.07589	26.432	0
"2011-08-06	05:00:00"	4.2508	198.58	77.104	40.683	0.05151	26.423	0
"2011-08-06	06:00:00"	5.4886	178.22	76.584	42.537	0.05299	26.432	0
"2011-08-06	07:00:00"	6.2597	181.93	76.161	43.866	0.13312	26.441	0
"2011-08-06	08:00:00"	5.7632	199.17	77.36	44.268	46.272	26.459	0
"2011-08-06	09:00:00"	10.059	192.38	80.821	42.733	215.52	26.471	0
"2011-08-06	10:00:00"	12.478	194.62	84.307	39.556	426.21	26.483	0
"2011-08-06	11:00:00"	10.663	197.16	87.323	36.606	626.89	26.471	0
"2011-08-06	12:00:00"	9.0633	179.7	90.917	30.82	793.93	26.471	0
"2011-08-06	13:00:00"	9.6791	164.36	94.09	24.443	915.55	26.459	0
"2011-08-06	14:00:00"	9.7002	155.48	96.33	19.661	978.66	26.444	0
"2011-08-06	15:00:00"	8.0374	134.79	97.607	17.833	972.02	26.426	0
"2011-08-06	16:00:00"	8.1381	164.39	99.019	16.604	905.29	26.409	0
"2011-08-06	17:00:00"	5.4519	266.27	99.356	16.408	780.46	26.388	0
"2011-08-06	18:00:00"	5.8943	92.67	99.965	16.282	606.79	26.373	0
"2011-08-06	19:00:00"	6.0845	83.622	99.813	16.252	403.67	26.361	0
"2011-08-06	20:00:00"	4.7721	137.32	98.274	17.269	118.33	26.367	0
"2011-08-06	21:00:00"	4.2906	104.23	94.576	19.338	15.749	26.376	0
"2011-08-06	22:00:00"	5.0722	91.434	89.546	22.628	0.05723	26.391	0
"2011-08-06	23:00:00"	6.1652	105.98	87.914	25.072	0.05596	26.409	0
"2011-08-07	00:00:00"	5.3649	138.8	85.614	27.456	0.07864	26.423	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-07	01:00:00"	6.3703	161.23	83.95	30.896	0.05829	26.423	0
"2011-08-07	02:00:00"	10.061	178.02	86.026	31.877	0.07504	26.42	0
"2011-08-07	03:00:00"	10.143	184.52	83.958	35.604	0.05024	26.418	0
"2011-08-07	04:00:00"	8.6538	190.01	82.147	39.161	0.03752	26.423	0
"2011-08-07	05:00:00"	6.6126	194.75	80.126	42.936	0.05321	26.426	0
"2011-08-07	06:00:00"	7.4894	188.23	79.627	44.523	0.06656	26.432	0
"2011-08-07	07:00:00"	8.1008	180.14	79.458	45.218	0.08076	26.438	0
"2011-08-07	08:00:00"	7.6466	179.77	78.932	46.124	30.395	26.45	0
"2011-08-07	09:00:00"	10.807	183.59	80.403	44.007	146.52	26.465	0
"2011-08-07	10:00:00"	12.874	179.73	84.765	38.127	422.76	26.459	0
"2011-08-07	11:00:00"	12.187	181.93	88.984	31.773	619.72	26.456	0
"2011-08-07	12:00:00"	12.212	159.57	93.091	21.793	788.59	26.453	0
"2011-08-07	13:00:00"	10.839	147.25	95.035	18.974	909.34	26.438	0
"2011-08-07	14:00:00"	9.8108	137.04	96.213	17.691	968.27	26.42	0
"2011-08-07	15:00:00"	7.0122	141.5	97.531	16.438	966.44	26.4	0
"2011-08-07	16:00:00"	6.8898	120.13	98.629	15.195	901.71	26.373	0
"2011-08-07	17:00:00"	7.0041	107.67	99.708	13.442	781.44	26.353	0
"2011-08-07	18:00:00"	7.4683	91.902	100.38	12.488	613.26	26.329	0
"2011-08-07	19:00:00"	7.0936	112.42	99.778	12.64	390.28	26.326	0
"2011-08-07	20:00:00"	7.7976	116.54	96.044	18.149	42.991	26.35	0
"2011-08-07	21:00:00"	9.5747	263.66	87.205	34.301	4.9586	26.353	0
"2011-08-07	22:00:00"	5.1667	208.07	83.765	38.708	0.05469	26.353	0
"2011-08-07	23:00:00"	2.8782	154.68	81.692	39.818	0.06805	26.361	0
"2011-08-08	00:00:00"	2.2873	98.201	80.828	39.582	0.05745	26.373	0
"2011-08-08	00:00:00"	3.1317	154	80.78	39.3	0.53419	26.373	0
"2011-08-08	01:00:00"	4.7317	160.88	79.751	39.551	0.06656	26.379	0
"2011-08-08	02:00:00"	7.5969	181.9	81.38	36.973	0.06847	26.382	0
"2011-08-08	03:00:00"	5.6582	183.28	79.87	40.406	0.0672	26.379	0
"2011-08-08	04:00:00"	4.1197	190.88	76.783	44.684	0.05278	26.37	0
"2011-08-08	05:00:00"	4.3372	189.24	75.522	46.893	0.04897	26.367	0
"2011-08-08	06:00:00"	4.5161	189.59	74.622	49.671	0.04748	26.367	0
"2011-08-08	07:00:00"	4.17	200.59	73.324	53.13	0.1115	26.376	0
"2011-08-08	08:00:00"	7.1998	183.22	74.459	52.037	42.393	26.385	0
"2011-08-08	09:00:00"	11.289	182.51	78.823	44.197	209.28	26.394	0
"2011-08-08	10:00:00"	13.804	188.67	82.68	40.217	419.87	26.4	0
"2011-08-08	11:00:00"	11.144	195.88	86.923	36.362	620.72	26.397	0
"2011-08-08	12:00:00"	9.927	192.07	91.011	31.171	787.95	26.388	0
"2011-08-08	13:00:00"	10.507	193.56	94.216	26.24	908.46	26.379	0
"2011-08-08	14:00:00"	8.5097	181.29	96.562	22.583	971.71	26.361	0
"2011-08-08	15:00:00"	6.6443	197.16	98.469	20.208	970.1	26.344	0
"2011-08-08	16:00:00"	7.0656	195.81	100.54	18.411	895.78	26.323	0
"2011-08-08	17:00:00"	6.6369	111.01	100.97	17.294	774.4	26.302	0
"2011-08-08	18:00:00"	6.6748	123.42	101.58	16.341	605.95	26.291	0
"2011-08-08	19:00:00"	4.9778	116.63	101.25	16.379	391.53	26.276	0
"2011-08-08	20:00:00"	5.8732	120.49	99.804	17.005	126.89	26.279	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-08	21:00:00"	4.664	113.83	95.547	19.063	11.959	26.288	0
"2011-08-08	22:00:00"	6.361	118.93	92.205	21.508	0.04812	26.299	0
"2011-08-08	23:00:00"	6.3809	132.07	89.74	22.923	0.07462	26.314	0
"2011-08-09	00:00:00"	6.5499	153.73	87.679	23.439	0.05957	26.329	0
"2011-08-09	01:00:00"	9.392	169.45	86.654	27.657	0.0566	26.341	0
"2011-08-09	02:00:00"	9.6772	174.34	85.413	34.282	0.05999	26.341	0
"2011-08-09	03:00:00"	10.356	181.38	83.733	37.899	0.04791	26.329	0
"2011-08-09	04:00:00"	9.5188	183.75	81.765	40.831	0.06211	26.338	0
"2011-08-09	05:00:00"	6.6306	197.41	79.38	44.201	0.04536	26.344	0
"2011-08-09	06:00:00"	3.7407	211.13	75.902	49.141	0.05978	26.347	0
"2011-08-09	07:00:00"	1.4782	225.08	75.352	50.247	0.09221	26.361	0
"2011-08-09	08:00:00"	3.343	136.52	76.421	47.924	28.885	26.376	0
"2011-08-09	09:00:00"	8.5401	178.75	80.424	42.302	208.09	26.391	0
"2011-08-09	10:00:00"	10.292	177.16	84.518	37.866	383.08	26.409	0
"2011-08-09	11:00:00"	9.0093	163.63	88.065	35.478	598.77	26.415	0
"2011-08-09	12:00:00"	8.1549	153.56	91.872	31.638	764.77	26.409	0
"2011-08-09	13:00:00"	9.7431	139.6	96.608	22.833	906.35	26.391	0
"2011-08-09	14:00:00"	11.215	136.34	98.516	19.068	971.1	26.379	0
"2011-08-09	15:00:00"	12.347	134.66	99.469	18.892	968.1	26.358	0
"2011-08-09	16:00:00"	12.9	142.38	100.2	18.133	899.6	26.344	0
"2011-08-09	17:00:00"	11.951	132.66	100.76	17.241	772.75	26.32	0
"2011-08-09	18:00:00"	11.994	141.83	99.723	17.96	539.15	26.311	0
"2011-08-09	19:00:00"	11.285	128.16	99.969	16.495	404.97	26.305	0
"2011-08-09	20:00:00"	11.185	133.93	98.544	16.5	190.38	26.314	0
"2011-08-09	21:00:00"	8.5221	123.97	94.646	19.393	18.822	26.323	0
"2011-08-09	22:00:00"	6.7934	127.38	90.654	23.64	0.06211	26.332	0
"2011-08-09	23:00:00"	6.6828	135.14	88.595	25.679	0.07186	26.356	0
"2011-08-10	00:00:00"	5.2034	137.9	85.429	28.656	0.05469	26.364	0
"2011-08-10	01:00:00"	5.9776	154.33	83.482	32.113	0.05999	26.358	0
"2011-08-10	02:00:00"	8.9092	183.75	83.61	37.668	0.03837	26.364	0
"2011-08-10	03:00:00"	8.4519	191.03	82.038	42.686	0.06741	26.356	0
"2011-08-10	04:00:00"	7.1041	193.69	80.537	46.584	0.06677	26.353	0
"2011-08-10	05:00:00"	4.9871	177.77	77.549	51.787	0.05469	26.332	0
"2011-08-10	06:00:00"	6.0074	163.64	77.047	52.89	0.07801	26.326	0
"2011-08-10	07:00:00"	5.7489	166.24	76.073	53.361	0.04155	26.329	0
"2011-08-10	08:00:00"	5.7986	177.82	75.8	53.26	40.101	26.347	0
"2011-08-10	09:00:00"	10.22	169.73	80.241	45.569	204.25	26.35	0
"2011-08-10	10:00:00"	11.561	182.16	84.302	40.461	418.07	26.358	0
"2011-08-10	11:00:00"	9.5225	193.8	88.38	35.198	625.96	26.358	0
"2011-08-10	12:00:00"	7.5882	196.8	92.182	28.44	797.02	26.358	0
"2011-08-10	13:00:00"	6.0267	186.06	95.536	22.936	916.57	26.347	0
"2011-08-10	14:00:00"	4.6696	149.31	98.292	18.527	974.47	26.329	0
"2011-08-10	15:00:00"	5.8981	190.27	99.701	16.221	976.61	26.305	0
"2011-08-10	16:00:00"	6.5443	174.61	101.38	14.018	913.65	26.282	0
"2011-08-10	17:00:00"	7.3359	143.45	101.74	12.711	672.91	26.267	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-10	18:00:00"	4.9828	129.44	102.32	10.79	614.17	26.249	0
"2011-08-10	19:00:00"	5.7247	180.93	102.68	10.839	406.15	26.246	0
"2011-08-10	20:00:00"	5.9881	173.06	101.37	10.924	204.22	26.258	0
"2011-08-10	21:00:00"	5.647	139.24	98.349	14.534	24.711	26.273	0
"2011-08-10	22:00:00"	10.827	169.74	93.111	22.761	0.06508	26.296	0
"2011-08-10	23:00:00"	9.4529	173.59	88.367	29.875	0.06041	26.32	0
"2011-08-11	00:00:00"	4.8287	205.3	84.706	33.457	0.04515	26.335	0
"2011-08-11	01:00:00"	4.9206	187.41	82.635	35.651	0.0672	26.344	0
"2011-08-11	02:00:00"	5.0101	161.12	80.658	39.034	0.05851	26.341	0
"2011-08-11	03:00:00"	6.6058	157.1	80.609	40.827	0.04346	26.329	0
"2011-08-11	04:00:00"	7.8715	170.87	81.29	43.252	0.05723	26.323	0
"2011-08-11	05:00:00"	6.7444	191.58	79.759	45.448	0.05236	26.332	0
"2011-08-11	06:00:00"	4.9138	215.36	76.619	48.794	0.05639	26.344	0
"2011-08-11	07:00:00"	2.8248	228.08	74.786	52.005	0.07313	26.35	0
"2011-08-11	08:00:00"	4.1278	242.15	73.558	53.858	35.908	26.361	0
"2011-08-11	09:00:00"	6.6567	249.14	78.208	47.552	197.7	26.373	0
"2011-08-11	10:00:00"	8.3997	286.3	84.541	36.88	407.62	26.382	0
"2011-08-11	11:00:00"	8.4202	334.02	89.385	30.384	606.02	26.4	0
"2011-08-11	12:00:00"	6.3187	69.931	91.303	28.313	773.8	26.403	0
"2011-08-11	13:00:00"	5.3519	103.81	93.664	25.605	850.38	26.385	0
"2011-08-11	14:00:00"	8.0182	132.71	96.03	23.308	953.74	26.367	0
"2011-08-11	15:00:00"	7.1166	135.84	97.943	20.645	952.17	26.341	0
"2011-08-11	16:00:00"	8.8415	196.98	97.976	20.367	559.61	26.323	0
"2011-08-11	17:00:00"	14.463	226.78	92.373	26.159	155.95	26.332	0
"2011-08-11	18:00:00"	9.1186	212	86.354	36.149	72.973	26.358	0
"2011-08-11	19:00:00"	9.8928	322.75	81.931	46.592	54.796	26.344	0
"2011-08-11	20:00:00"	7.152	338.92	81.129	46.821	41.354	26.353	0
"2011-08-11	21:00:00"	7.2265	68.163	81.391	46.349	4.8126	26.382	0
"2011-08-11	22:00:00"	10.406	51.608	79.075	54.029	0.06169	26.376	0
"2011-08-11	23:00:00"	10.365	52.98	77.479	55.064	0.05935	26.391	0
"2011-08-12	00:00:00"	10.169	76.066	78.165	53.189	0.04579	26.397	0
"2011-08-12	01:00:00"	10.481	104.4	76.693	58.686	0.04621	26.441	0
"2011-08-12	02:00:00"	10.318	140.22	75.118	66.308	0.0831	26.438	0
"2011-08-12	03:00:00"	8.583	128.63	74.396	67.691	0.06847	26.435	0
"2011-08-12	04:00:00"	10.436	123.5	73.587	69.341	0.06253	26.432	0
"2011-08-12	05:00:00"	9.4939	146.06	73.427	64.753	0.05745	26.426	0
"2011-08-12	06:00:00"	9.0155	162.17	72.508	69.305	0.06232	26.426	0
"2011-08-12	07:00:00"	4.5764	198.53	70.862	75.206	0.0477	26.415	0
"2011-08-12	08:00:00"	4.2415	224.65	69.715	77.131	21.609	26.423	0
"2011-08-12	09:00:00"	5.1139	229.1	71.951	70.592	97.175	26.42	0
"2011-08-12	10:00:00"	9.0608	242.12	76.859	59.903	382.04	26.429	0
"2011-08-12	11:00:00"	8.596	228.27	82.717	46.725	533.42	26.441	0
"2011-08-12	12:00:00"	7.5559	204.81	85.716	41.236	782.58	26.441	0
"2011-08-12	13:00:00"	6.814	193.19	87.708	37.421	880.22	26.432	0
"2011-08-12	14:00:00"	5.6097	177.28	90.154	33.296	840.61	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-12	15:00:00"	6.5785	139.49	91.53	30.902	607.09	26.406	0
"2011-08-12	16:00:00"	6.5542	114.08	93.048	28.244	770.06	26.382	0
"2011-08-12	17:00:00"	8.0051	121.8	94.278	26.926	670.16	26.361	0
"2011-08-12	18:00:00"	9.5163	137.46	94.575	27.239	531.23	26.356	0
"2011-08-12	19:00:00"	8.839	154.93	94.388	26.618	331.46	26.356	0
"2011-08-12	20:00:00"	8.1188	146.42	92.284	28.233	56.889	26.361	0
"2011-08-12	21:00:00"	8.6402	207.24	88.438	33.815	5.2206	26.385	0
"2011-08-12	22:00:00"	3.5803	258.71	84.161	40.992	0.0513	26.4	0
"2011-08-12	23:00:00"	3.123	10.229	83.415	41.882	0.06169	26.409	0
"2011-08-13	00:00:00"	3.2914	118.98	80.469	45.579	0.046	26.418	0
"2011-08-13	01:00:00"	2.3065	254.98	79.458	47.301	0.06826	26.42	0
"2011-08-13	02:00:00"	5.9335	183.2	77.629	52.785	0.06105	26.429	0
"2011-08-13	03:00:00"	4.8069	230.5	77.113	53.316	0.05957	26.429	0
"2011-08-13	04:00:00"	4.4875	320.12	77.113	53.082	0.06571	26.435	0
"2011-08-13	05:00:00"	5.7421	25.558	74.792	55.02	0.04918	26.432	0
"2011-08-13	06:00:00"	4.3782	36.148	71.72	61.324	0.07334	26.42	0
"2011-08-13	07:00:00"	4.0184	61.969	70.803	63.765	0.07377	26.432	0
"2011-08-13	08:00:00"	5.3388	71.039	70.401	65.275	22.527	26.462	0
"2011-08-13	09:00:00"	7.8305	116.56	75.281	61.362	160.13	26.477	0
"2011-08-13	10:00:00"	8.716	133.02	79.816	61.022	362.38	26.491	0
"2011-08-13	11:00:00"	10.799	130.17	82.128	55.112	574.32	26.512	0
"2011-08-13	12:00:00"	8.7713	150.92	84.973	47.904	765.2	26.524	0
"2011-08-13	13:00:00"	7.6335	140.22	88.027	40.748	815.28	26.521	0
"2011-08-13	14:00:00"	11.253	121.51	90.848	33.732	984.65	26.509	0
"2011-08-13	15:00:00"	12.467	90.142	91.889	31.076	868.97	26.491	0
"2011-08-13	16:00:00"	12.578	102.98	91.421	31.705	659.91	26.468	0
"2011-08-13	17:00:00"	14.106	99.612	90.745	34.507	718.52	26.474	0
"2011-08-13	18:00:00"	13.527	108.47	89.662	34.616	426.41	26.471	0
"2011-08-13	19:00:00"	13.23	121.79	88.196	35.854	239.18	26.483	0
"2011-08-13	20:00:00"	12.421	120.42	87.421	35.869	155.95	26.491	0
"2011-08-13	21:00:00"	9.8792	127.01	85.265	38.121	19.519	26.497	0
"2011-08-13	22:00:00"	7.677	135.63	81.852	44.919	0.06275	26.524	0
"2011-08-13	23:00:00"	5.2792	128.41	78.743	50.07	0.0477	26.536	0
"2011-08-14	00:00:00"	5.2195	116.51	76.245	53.412	0.05596	26.536	0
"2011-08-14	01:00:00"	5.0959	121.38	74.463	58.213	0.05215	26.547	0
"2011-08-14	02:00:00"	4.7299	110.01	73.557	62.221	0.0549	26.55	0
"2011-08-14	03:00:00"	5.9639	119.27	72.615	63.575	0.06762	26.559	0
"2011-08-14	04:00:00"	5.1157	122.28	71.686	61.892	0.05003	26.556	0
"2011-08-14	05:00:00"	3.781	94.007	70.059	65.69	0.06317	26.55	0
"2011-08-14	06:00:00"	4.5621	65.623	67.454	71.157	0.0797	26.542	0
"2011-08-14	07:00:00"	5.5457	44.165	65.929	75.222	0.06805	26.547	0
"2011-08-14	08:00:00"	5.8894	53.203	66.197	75.972	34.633	26.559	0
"2011-08-14	09:00:00"	7.2924	85.025	71.422	66.448	220.96	26.577	0
"2011-08-14	10:00:00"	8.3661	109.68	77.54	54.779	417.6	26.577	0
"2011-08-14	11:00:00"	7.1806	136.66	80.704	48.164	475.91	26.58	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-14	12:00:00"	4.5056	129.05	83.014	42.651	704.91	26.571	0
"2011-08-14	13:00:00"	5.2537	62.978	84.411	39.713	554.93	26.55	0
"2011-08-14	14:00:00"	7.2831	58.227	86.462	33.684	653.94	26.536	0
"2011-08-14	15:00:00"	8.7905	72.814	88.394	28.657	662.86	26.518	0
"2011-08-14	16:00:00"	13.444	148.51	86.285	38.551	593.2	26.515	0
"2011-08-14	17:00:00"	13.919	166.13	85.231	40.639	577.94	26.488	0
"2011-08-14	18:00:00"	12.931	159.68	83.576	41.982	325.94	26.477	0
"2011-08-14	19:00:00"	9.8407	157.37	84.952	37.707	332.72	26.456	0
"2011-08-14	20:00:00"	9.8264	150.68	84.661	36.766	184.79	26.459	0
"2011-08-14	21:00:00"	6.5822	131.7	82.574	38.258	23.128	26.468	0
"2011-08-14	22:00:00"	4.5286	135.21	78.918	42.796	0.0602	26.483	0
"2011-08-14	23:00:00"	3.0801	139.29	76.575	49.694	0.06487	26.503	0
"2011-08-15	00:00:00"	2.9372	134.4	75.515	55.395	0.06932	26.5	0
"2011-08-15	01:00:00"	3.2554	156.13	73.808	60.426	0.06529	26.5	0
"2011-08-15	02:00:00"	4.1576	141.7	73.326	62.898	0.0566	26.485	0
"2011-08-15	03:00:00"	4.7367	132.66	72.959	63.794	0.04982	26.477	0
"2011-08-15	04:00:00"	4.6274	132.1	71.839	67.211	0.07928	26.468	0
"2011-08-15	05:00:00"	5.3512	134.47	70.932	70.704	0.04982	26.459	0
"2011-08-15	06:00:00"	4.362	136.58	69.8	73.108	0.06147	26.45	0
"2011-08-15	07:00:00"	3.8314	132.16	69.712	73.439	0.06317	26.453	0
"2011-08-15	08:00:00"	3.8127	109.36	69.744	72.994	17.683	26.462	0
"2011-08-15	09:00:00"	5.3978	127.97	71.234	68.736	89.279	26.471	0
"2011-08-15	10:00:00"	10.499	168.08	78.503	49.935	310.81	26.488	0
"2011-08-15	11:00:00"	11.425	190.88	82.032	41.874	516.28	26.485	0
"2011-08-15	12:00:00"	11.268	197.7	86.13	33.802	774.27	26.48	0
"2011-08-15	13:00:00"	9.433	184.04	88.408	29.837	892.24	26.462	0
"2011-08-15	14:00:00"	8.8918	180.74	91.095	26.343	962.09	26.447	0
"2011-08-15	15:00:00"	9.63	201.12	92.235	25.416	710.85	26.423	0
"2011-08-15	16:00:00"	10.402	185.15	93.037	25.241	716.64	26.406	0
"2011-08-15	17:00:00"	10.769	187.74	93.954	23.579	720.65	26.388	0
"2011-08-15	18:00:00"	10.774	193.82	94.223	23.054	533.64	26.382	0
"2011-08-15	19:00:00"	9.5797	177.17	93.559	22.41	277.92	26.379	0
"2011-08-15	20:00:00"	7.3347	194.88	91.606	23.377	57.743	26.376	0
"2011-08-15	21:00:00"	7.9579	179.55	89.295	24.734	8.0584	26.376	0
"2011-08-15	22:00:00"	5.3699	159.25	85.369	28.1	0.0602	26.403	0
"2011-08-15	23:00:00"	5.6284	153.22	83.642	31.5	0.04939	26.418	0
"2011-08-16	00:00:00"	6.0633	166.23	81.697	31.783	0.05172	26.426	0
"2011-08-16	01:00:00"	5.816	182.54	80.358	30.49	0.05448	26.438	0
"2011-08-16	02:00:00"	8.8676	181.29	80.77	33.246	0.05193	26.435	0
"2011-08-16	03:00:00"	8.6799	180.58	79.871	36.448	0.06593	26.429	0
"2011-08-16	04:00:00"	7.4111	179.48	78.453	39.013	0.0619	26.426	0
"2011-08-16	05:00:00"	7.0265	176.55	77.409	40.611	0.08479	26.423	0
"2011-08-16	06:00:00"	6.0901	174.08	76.268	42.521	0.06169	26.426	0
"2011-08-16	07:00:00"	4.7547	180.07	75.216	44.569	0.07504	26.438	0
"2011-08-16	08:00:00"	5.7334	172.5	74.685	45.833	33.806	26.447	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-16	09:00:00"	10.319	171.53	78.37	41.263	193.87	26.456	0
"2011-08-16	10:00:00"	13.239	179.64	81.339	38.076	401.5	26.465	0
"2011-08-16	11:00:00"	11.497	181.93	83.994	36.224	505.54	26.474	0
"2011-08-16	12:00:00"	9.8021	188.58	88.601	31.368	788.17	26.471	0
"2011-08-16	13:00:00"	8.8999	183.01	91.651	27.574	787.68	26.462	0
"2011-08-16	14:00:00"	8.867	180.13	93.212	24.936	683.81	26.45	0
"2011-08-16	15:00:00"	7.9243	182.7	95.524	23.336	831.64	26.432	0
"2011-08-16	16:00:00"	8.5264	169.27	95.84	22.931	667.12	26.426	0
"2011-08-16	17:00:00"	8.0617	157.6	96.707	21.794	666.82	26.415	0
"2011-08-16	18:00:00"	8.2139	137.09	96.961	21.511	533.88	26.403	0
"2011-08-16	19:00:00"	8.5848	147.56	97.373	21.124	392.28	26.397	0
"2011-08-16	20:00:00"	8.56	159.92	96.143	21.743	165.27	26.403	0
"2011-08-16	21:00:00"	8.931	144.18	92.706	24.397	6.9765	26.42	0
"2011-08-16	22:00:00"	8.1903	143.28	89.746	25.904	0.05999	26.45	0
"2011-08-16	23:00:00"	9.0882	147.19	87.483	27.942	0.05723	26.477	0
"2011-08-17	00:00:00"	9.0186	151.92	86.089	29.049	0.05045	26.5	0
"2011-08-17	01:00:00"	3.7798	234.61	84.057	31.985	0.05681	26.536	0
"2011-08-17	02:00:00"	2.8192	222.16	82.483	34.937	0.04282	26.547	0
"2011-08-17	03:00:00"	2.3612	268.76	79.533	39.332	0.0477	26.55	0
"2011-08-17	04:00:00"	3.3709	358.9	77.353	41.836	0.0496	26.55	0
"2011-08-17	05:00:00"	6.7785	23.654	74.206	52.129	0.0602	26.553	0
"2011-08-17	06:00:00"	6.0062	21.108	73.313	57.634	0.05872	26.559	0
"2011-08-17	07:00:00"	6.392	6.6095	73.989	56.282	0.04897	26.568	0
"2011-08-17	08:00:00"	6.5847	21.926	74.515	56.106	48.99	26.586	0
"2011-08-17	09:00:00"	7.0774	63.082	78.778	49.031	178.69	26.607	0
"2011-08-17	10:00:00"	5.5867	112.19	79.986	43.869	187.82	26.612	0
"2011-08-17	11:00:00"	5.368	149.98	81.714	42.062	279.94	26.618	0
"2011-08-17	12:00:00"	4.7746	166.3	86.129	35.264	887.72	26.621	0
"2011-08-17	13:00:00"	7.4291	152.29	89.206	29.84	681.71	26.607	0
"2011-08-17	14:00:00"	7.8305	152.6	92.516	25.404	931.82	26.586	0
"2011-08-17	15:00:00"	11.047	155.9	94.287	22.059	1087.6	26.568	0
"2011-08-17	16:00:00"	10.075	167.55	95.234	20.082	881.7	26.553	0
"2011-08-17	17:00:00"	8.6395	154.37	94.165	21.084	404.85	26.527	0
"2011-08-17	18:00:00"	6.0664	143.06	94.227	20.69	337.3	26.509	0
"2011-08-17	19:00:00"	7.1296	144.17	93.434	21.338	125.8	26.5	0
"2011-08-17	20:00:00"	6.4921	145	92.695	21.889	56.511	26.5	0
"2011-08-17	21:00:00"	6.3106	155.67	90.967	23.344	8.0866	26.506	0
"2011-08-17	22:00:00"	4.6702	128.34	86.782	27.066	0.06974	26.533	0
"2011-08-17	23:00:00"	5.3599	114.65	85.165	29.594	0.0619	26.545	0
"2011-08-18	00:00:00"	5.5184	109.68	83.803	31.706	0.07038	26.55	0
"2011-08-18	01:00:00"	7.9125	121.73	82.658	35.543	0.05533	26.556	0
"2011-08-18	02:00:00"	5.6035	154.94	80.124	41.531	0.0655	26.547	0
"2011-08-18	03:00:00"	5.6775	167.15	78.669	41.067	0.0496	26.536	0
"2011-08-18	04:00:00"	4.8672	177.23	77.009	43.204	0.05978	26.533	0
"2011-08-18	05:00:00"	3.1516	218.19	75.096	46.295	0.05935	26.539	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-18	06:00:00"	3.1796	265.69	74.546	47.315	0.04812	26.53	0
"2011-08-18	07:00:00"	2.1369	273.37	73.557	49.222	0.05554	26.539	0
"2011-08-18	08:00:00"	2.2071	338.46	73.242	49.686	28.58	26.55	0
"2011-08-18	09:00:00"	4.5267	235.79	77.365	45.408	185	26.568	0
"2011-08-18	10:00:00"	9.2802	198.4	81.718	40.634	398.8	26.565	0
"2011-08-18	11:00:00"	10.15	202.19	85.271	35.759	597.64	26.565	0
"2011-08-18	12:00:00"	8.6141	203.33	88.999	29.515	764.68	26.556	0
"2011-08-18	13:00:00"	7.8044	188.82	91.235	27.382	885.61	26.536	0
"2011-08-18	14:00:00"	8.7495	165.83	92.911	25.024	934.79	26.515	0
"2011-08-18	15:00:00"	7.3465	165.44	94.415	23.023	965.64	26.491	0
"2011-08-18	16:00:00"	9.4026	158.15	96.05	21.073	965.6	26.468	0
"2011-08-18	17:00:00"	9.7636	146.12	95.202	22.116	516.46	26.447	0
"2011-08-18	18:00:00"	8.4382	144.77	95.828	21.128	530	26.429	0
"2011-08-18	19:00:00"	8.6296	153.76	95.41	21.058	368.87	26.412	0
"2011-08-18	20:00:00"	9.7139	157.27	93.884	21.866	135.95	26.4	0
"2011-08-18	21:00:00"	6.2908	148.6	90.421	23.786	13.343	26.42	0
"2011-08-18	22:00:00"	5.1487	144.26	86.646	26.681	0.05427	26.429	0
"2011-08-18	23:00:00"	4.4956	142.56	83.608	29.186	0.06338	26.438	0
"2011-08-19	00:00:00"	4.5199	147.92	81.954	30.856	0.08161	26.435	0
"2011-08-19	01:00:00"	6.059	172.72	80.504	32.801	0.06423	26.441	0
"2011-08-19	02:00:00"	5.6035	189.68	79.106	36.034	0.06317	26.438	0
"2011-08-19	03:00:00"	3.717	183.1	75.706	40.713	0.06487	26.426	0
"2011-08-19	04:00:00"	4.106	186.58	74.296	43.023	0.05935	26.435	0
"2011-08-19	05:00:00"	3.9612	184.12	73.151	45.32	0.06974	26.429	0
"2011-08-19	06:00:00"	3.8792	183.48	72.572	47.232	0.06381	26.423	0
"2011-08-19	07:00:00"	3.1696	213.66	73.537	47.557	0.0708	26.429	0
"2011-08-19	08:00:00"	2.9385	195.18	72.002	48.582	26.762	26.438	0
"2011-08-19	09:00:00"	6.3908	210.65	75.785	43.259	191.78	26.447	0
"2011-08-19	10:00:00"	11.126	187.08	81.631	35.352	405.02	26.444	0
"2011-08-19	11:00:00"	8.3991	192.06	86.031	30.268	611.5	26.453	0
"2011-08-19	12:00:00"	7.5403	180.27	89.443	25.349	786.17	26.444	0
"2011-08-19	13:00:00"	11.111	153.76	91.778	21.717	856.05	26.42	0
"2011-08-19	14:00:00"	10.143	138.15	93.293	18.6	869.48	26.412	0
"2011-08-19	15:00:00"	10.067	155.55	94.741	16.136	910.07	26.397	0
"2011-08-19	16:00:00"	10.428	152.72	95.657	15.83	876.24	26.37	0
"2011-08-19	17:00:00"	10.246	158.89	96.168	16.285	745.75	26.35	0
"2011-08-19	18:00:00"	10.242	153.33	96.526	17.17	572.18	26.344	0
"2011-08-19	19:00:00"	10.259	165.18	96.065	18.226	370.52	26.335	0
"2011-08-19	20:00:00"	9.8636	159.7	94.504	18.996	164.89	26.335	0
"2011-08-19	21:00:00"	7.252	140.97	90.998	21.924	16.894	26.353	0
"2011-08-19	22:00:00"	6.6729	137.02	87.572	25.238	0.06338	26.37	0
"2011-08-19	23:00:00"	6.059	130.54	84.336	27.895	0.05299	26.391	0
"2011-08-20	00:00:00"	6.64	142.1	82.883	29.869	0.07631	26.394	0
"2011-08-20	01:00:00"	7.1458	152.25	81.483	31.359	0.05299	26.4	0
"2011-08-20	02:00:00"	6.338	154.64	79.304	33.557	0.05681	26.403	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-20	03:00:00"	5.7048	148.62	78.011	34.589	0.05299	26.403	0
"2011-08-20	04:00:00"	6.0615	137.75	76.971	35.613	0.06487	26.4	0
"2011-08-20	05:00:00"	5.5675	127.1	75.065	37.731	0.05745	26.391	0
"2011-08-20	06:00:00"	6.9277	108.31	73.711	39.269	0.05957	26.391	0
"2011-08-20	07:00:00"	7.1439	124.79	72.796	41.394	0.06465	26.403	0
"2011-08-20	08:00:00"	5.8427	134.09	72.658	42.927	28.097	26.418	0
"2011-08-20	09:00:00"	8.2294	142.51	76.988	38.613	187.53	26.432	0
"2011-08-20	10:00:00"	13.58	179.79	82.487	33.365	399.17	26.435	0
"2011-08-20	11:00:00"	12.196	189.68	86.237	30.607	602.87	26.447	0
"2011-08-20	12:00:00"	10.76	198.31	89.35	28.763	770.75	26.45	0
"2011-08-20	13:00:00"	9.8612	196.47	91.442	26.235	890.18	26.444	0
"2011-08-20	14:00:00"	9.0764	192.89	94.046	23.686	947.52	26.426	0
"2011-08-20	15:00:00"	9.4504	179.12	95.843	21.726	946.5	26.409	0
"2011-08-20	16:00:00"	7.7578	196.77	97.378	19.796	764.17	26.385	0
"2011-08-20	17:00:00"	6.9823	185.76	98.291	18.477	691.39	26.367	0
"2011-08-20	18:00:00"	7.9573	177.79	97.985	18.677	334.84	26.361	0
"2011-08-20	19:00:00"	11.274	158.93	97.541	20.058	320.68	26.361	0
"2011-08-20	20:00:00"	12.21	158.86	95.6	21.688	112.37	26.364	0
"2011-08-20	21:00:00"	12.819	146.12	92.103	23.758	2.8299	26.391	0
"2011-08-20	22:00:00"	11.135	153.96	89.667	23.969	0.07631	26.418	0
"2011-08-20	23:00:00"	8.4637	158.14	86.889	25.428	0.06317	26.441	0
"2011-08-21	00:00:00"	7.4279	177.96	84.354	27.441	0.06783	26.462	0
"2011-08-21	01:00:00"	8.419	172.01	82.653	29.627	0.06656	26.462	0
"2011-08-21	02:00:00"	8.227	168.9	81.065	33.908	0.05066	26.474	0
"2011-08-21	03:00:00"	6.7058	173.1	79.155	38.423	0.04918	26.474	0
"2011-08-21	04:00:00"	6.6002	178.67	78.022	42.094	0.04812	26.483	0
"2011-08-21	05:00:00"	7.9237	178.73	78.294	43.593	0.06953	26.491	0
"2011-08-21	06:00:00"	8.4562	169.24	77.64	45.748	0.04812	26.503	0
"2011-08-21	07:00:00"	7.2576	169.59	76.113	49.131	0.06911	26.512	0
"2011-08-21	08:00:00"	4.4739	163.74	74.417	51.864	30.514	26.539	0
"2011-08-21	09:00:00"	5.9739	146.9	77.612	47.229	187.37	26.559	0
"2011-08-21	10:00:00"	8.5824	167.39	81.915	40.86	401.26	26.568	0
"2011-08-21	11:00:00"	6.8469	151.12	85.135	35.905	606.53	26.571	0
"2011-08-21	12:00:00"	9.1335	136.97	88.374	28.593	782.85	26.559	0
"2011-08-21	13:00:00"	10.743	141.99	90.488	25.577	901.99	26.547	0
"2011-08-21	14:00:00"	9.4908	146.79	92.583	22.555	962.45	26.533	0
"2011-08-21	15:00:00"	10.008	150.79	94.035	20.7	953.59	26.518	0
"2011-08-21	16:00:00"	8.5358	136.96	95.039	18.731	881.48	26.497	0
"2011-08-21	17:00:00"	9.3547	126.43	95.396	19.147	710.08	26.477	0
"2011-08-21	18:00:00"	10.151	118.65	95.622	19.058	549.83	26.465	0
"2011-08-21	19:00:00"	10.081	148.65	94.937	20.701	355.13	26.465	0
"2011-08-21	20:00:00"	11.722	121.92	93.331	22.849	160.59	26.471	0
"2011-08-21	21:00:00"	8.7135	122.03	90.326	25.131	12.082	26.485	0
"2011-08-21	22:00:00"	6.7158	109.65	87.265	26.921	0.05554	26.509	0
"2011-08-21	23:00:00"	5.9534	97.214	82.908	29.703	0.06911	26.524	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-22	00:00:00"	8.8868	113.07	83.258	30.489	0.07334	26.536	0
"2011-08-22	01:00:00"	9.1888	121.21	82.243	32.549	0.05236	26.542	0
"2011-08-22	02:00:00"	5.8707	152.01	78.986	36.793	0.05745	26.545	0
"2011-08-22	03:00:00"	6.1149	171.71	77.395	40.468	0.05299	26.547	0
"2011-08-22	04:00:00"	5.4451	167.5	75.038	44.227	0.06169	26.542	0
"2011-08-22	05:00:00"	5.7961	168.88	74.021	46.387	0.06147	26.539	0
"2011-08-22	06:00:00"	6.182	171.39	73.032	48.926	0.06084	26.533	0
"2011-08-22	07:00:00"	4.5528	172.94	71.941	51.899	0.05236	26.55	0
"2011-08-22	08:00:00"	2.6781	205.9	71.386	53.416	29.444	26.562	0
"2011-08-22	09:00:00"	5.8546	189.1	75.727	49.559	191.14	26.577	0
"2011-08-22	10:00:00"	10.706	192.57	80.143	46.449	405.49	26.577	0
"2011-08-22	11:00:00"	10.436	188.05	83.618	41.864	611.6	26.577	0
"2011-08-22	12:00:00"	8.7831	188.62	86.19	35.861	781.84	26.568	0
"2011-08-22	13:00:00"	9.5144	154.18	89.314	28.591	906.21	26.55	0
"2011-08-22	14:00:00"	9.6263	135.87	91.185	24.17	963.56	26.53	0
"2011-08-22	15:00:00"	9.7568	158.43	92.308	22.699	959.05	26.515	0
"2011-08-22	16:00:00"	10.171	142.55	93.795	21.199	881.71	26.491	0
"2011-08-22	17:00:00"	8.6607	147.02	94.009	21.466	746.07	26.474	0
"2011-08-22	18:00:00"	8.7619	162.12	94.335	20.528	550.67	26.465	0
"2011-08-22	19:00:00"	7.8616	154.17	93.746	21.385	326.48	26.453	0
"2011-08-22	20:00:00"	8.158	171.79	92.888	22.691	157.76	26.453	0
"2011-08-22	21:00:00"	6.5828	148.08	89.454	26.601	15.589	26.465	0
"2011-08-22	22:00:00"	4.3185	133.46	85.115	30.463	0.0513	26.483	0
"2011-08-22	23:00:00"	4.3291	135.64	82.931	32.781	0.05278	26.488	0
"2011-08-23	00:00:00"	4.9001	142.99	81.282	34.318	0.05045	26.491	0
"2011-08-23	01:00:00"	6.8146	171.34	80.168	36.021	0.07101	26.488	0
"2011-08-23	02:00:00"	7.3055	178.49	79.638	37.529	0.0655	26.485	0
"2011-08-23	03:00:00"	5.0486	205.7	76.894	41.653	0.04621	26.474	0
"2011-08-23	04:00:00"	4.0023	188.73	74.631	45.692	0.06105	26.468	0
"2011-08-23	05:00:00"	4.8964	182.86	73.453	48.851	0.06487	26.471	0
"2011-08-23	06:00:00"	4.0718	178.46	72.175	52.449	0.06656	26.474	0
"2011-08-23	07:00:00"	5.6128	173.28	71.886	55.899	0.05278	26.483	0
"2011-08-23	08:00:00"	5.1151	173.55	72.147	57.246	28.673	26.497	0
"2011-08-23	09:00:00"	7.9908	177.11	76.667	52.067	188.27	26.509	0
"2011-08-23	10:00:00"	12.741	188.93	81.867	45.851	401.85	26.515	0
"2011-08-23	11:00:00"	11.8	187.36	85.333	40.238	605.52	26.512	0
"2011-08-23	12:00:00"	11.446	172.64	88.517	32.719	778.74	26.506	0
"2011-08-23	13:00:00"	12.113	164.47	90.965	25.937	898.83	26.488	0
"2011-08-23	14:00:00"	10.586	170.78	92.487	23.239	958.36	26.468	0
"2011-08-23	15:00:00"	8.7421	160.89	93.683	21.238	953.49	26.45	0
"2011-08-23	16:00:00"	8.9366	150.54	95.559	19.501	880.56	26.423	0
"2011-08-23	17:00:00"	8.4196	141.32	96.209	18.479	748.14	26.415	0
"2011-08-23	18:00:00"	7.6087	137.66	96.313	17.954	572.71	26.406	0
"2011-08-23	19:00:00"	8.532	130.5	96.058	18.779	361.55	26.4	0
"2011-08-23	20:00:00"	6.8195	150.53	94.618	20.166	153.23	26.403	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-23	21:00:00"	5.2947	130.12	90.418	23.349	11.782	26.415	0
"2011-08-23	22:00:00"	5.8862	124.8	86.186	26.749	0.06508	26.432	0
"2011-08-23	23:00:00"	6.0944	130.94	84.122	28.582	0.07186	26.444	0
"2011-08-24	00:00:00"	5.3923	137.23	82.236	30.021	0.05003	26.447	0
"2011-08-24	01:00:00"	5.9471	133.98	81.005	31.01	0.05236	26.453	0
"2011-08-24	02:00:00"	5.4917	142.33	79.255	33.565	0.06402	26.462	0
"2011-08-24	03:00:00"	5.2189	174.54	77.173	37.14	0.06826	26.453	0
"2011-08-24	04:00:00"	4.5596	174.11	74.767	41.338	0.06253	26.45	0
"2011-08-24	05:00:00"	4.7485	170.42	74.121	43.232	0.06211	26.447	0
"2011-08-24	06:00:00"	4.1489	182.43	73.292	45.021	0.07377	26.45	0
"2011-08-24	07:00:00"	2.9229	195.62	72.504	47.266	0.06508	26.462	0
"2011-08-24	08:00:00"	2.4575	219.44	72.346	48.527	27.664	26.474	0
"2011-08-24	09:00:00"	4.8517	211.18	76.591	44.722	185.33	26.494	0
"2011-08-24	10:00:00"	9.3206	194.22	82.315	39.118	398.03	26.5	0
"2011-08-24	11:00:00"	8.2319	193.85	86.918	32.7	599.84	26.512	0
"2011-08-24	12:00:00"	7.8877	154.01	90.459	26.946	766.39	26.512	0
"2011-08-24	13:00:00"	8.4463	146.37	92.442	25.034	883.04	26.5	0
"2011-08-24	14:00:00"	8.6948	149.81	94.228	22.764	940.09	26.48	0
"2011-08-24	15:00:00"	8.6799	133.63	95.562	21.295	932.87	26.459	0
"2011-08-24	16:00:00"	9.4952	140.49	96.933	19.955	864.84	26.438	0
"2011-08-24	17:00:00"	8.6457	141.91	97.217	19.584	669.36	26.418	0
"2011-08-24	18:00:00"	8.4488	133.52	97.05	19.661	471.84	26.415	0
"2011-08-24	19:00:00"	9.4629	120.43	96.64	19.954	283.72	26.412	0
"2011-08-24	20:00:00"	8.6855	122.23	95.287	21.486	138.32	26.412	0
"2011-08-24	21:00:00"	6.0782	127.63	91.519	25.435	8.8527	26.435	0
"2011-08-24	22:00:00"	4.8479	112.71	87.828	28.853	0.04197	26.456	0
"2011-08-24	23:00:00"	5.78	114.35	85.917	31.135	0.04388	26.468	0
"2011-08-25	00:00:00"	6.7972	124.08	84.196	33.818	0.04982	26.474	0
"2011-08-25	01:00:00"	7.106	140.03	83.96	35.788	0.0477	26.48	0
"2011-08-25	02:00:00"	6.0236	142.64	82.525	37.726	0.05745	26.488	0
"2011-08-25	03:00:00"	5.3618	150.52	80.659	39.922	0.07631	26.494	0
"2011-08-25	04:00:00"	3.2958	168.1	78.217	43.105	0.0566	26.494	0
"2011-08-25	05:00:00"	3.0491	228.09	77.653	43.11	0.05088	26.485	0
"2011-08-25	06:00:00"	2.053	229.23	76.147	44.9	0.04685	26.485	0
"2011-08-25	07:00:00"	2.0039	225.55	75.371	45.837	0.08882	26.497	0
"2011-08-25	08:00:00"	4.1265	15.031	73.269	48.363	19.214	26.53	0
"2011-08-25	09:00:00"	5.1536	28.688	75.694	46.082	159.71	26.55	0
"2011-08-25	10:00:00"	2.4507	13.015	83.475	37.129	376.93	26.556	0
"2011-08-25	11:00:00"	2.936	251.96	87.374	32.779	575.05	26.562	0
"2011-08-25	12:00:00"	3.8898	11.119	89.754	29.311	737.43	26.565	0
"2011-08-25	13:00:00"	5.9546	77.585	92.914	26.046	853.11	26.556	0
"2011-08-25	14:00:00"	8.3655	89.867	94.959	23.328	848.87	26.53	0
"2011-08-25	15:00:00"	7.8237	126.19	96.462	21.099	850.01	26.518	0
"2011-08-25	16:00:00"	7.3328	126.95	97.602	18.321	707.38	26.491	0
"2011-08-25	17:00:00"	8.4134	134.87	98.323	17.845	671.9	26.462	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-25	18:00:00"	7.0787	130.31	98.635	16.909	535.39	26.447	0
"2011-08-25	19:00:00"	5.2593	116.73	98.185	16.997	323.98	26.45	0
"2011-08-25	20:00:00"	9.0826	97.959	96.855	17.821	147.51	26.459	0
"2011-08-25	21:00:00"	16.346	114.25	85.936	35.679	8.5277	26.494	0
"2011-08-25	22:00:00"	9.0944	144.23	83.793	38.229	0.05427	26.506	0
"2011-08-25	23:00:00"	5.1027	136.86	83.737	34.633	0.05384	26.506	0
"2011-08-26	00:00:00"	2.4439	358.21	81.563	36.29	0.06593	26.521	0
"2011-08-26	01:00:00"	2.9838	198.33	80.76	37.592	0.06889	26.527	0
"2011-08-26	02:00:00"	1.9604	296.66	79.309	41.372	0.05088	26.518	0
"2011-08-26	03:00:00"	3.74	29.089	75.658	44.729	0.06974	26.512	0
"2011-08-26	04:00:00"	4.257	30.089	72.497	49.002	0.05957	26.503	0
"2011-08-26	05:00:00"	4.6081	31.331	71.887	50.063	0.06253	26.503	0
"2011-08-26	06:00:00"	4.938	33.164	71.523	51.81	0.05978	26.512	0
"2011-08-26	07:00:00"	5.5314	19.273	71.685	53.639	0.06381	26.524	0
"2011-08-26	08:00:00"	5.514	33.152	71.009	55.432	21.214	26.547	0
"2011-08-26	09:00:00"	5.1307	49.435	76.264	46.668	167.39	26.568	0
"2011-08-26	10:00:00"	4.7193	59.888	83.582	36.186	375.16	26.58	0
"2011-08-26	11:00:00"	3.356	48.973	87.335	31.994	577.69	26.586	0
"2011-08-26	12:00:00"	3.86	74.329	90.665	27.824	747.7	26.58	0
"2011-08-26	13:00:00"	4.6019	58.434	93.401	24.494	848.36	26.565	0
"2011-08-26	14:00:00"	5.7632	124.36	94.863	22.613	696.54	26.547	0
"2011-08-26	15:00:00"	6.5816	127.62	96.03	20.804	809.94	26.53	0
"2011-08-26	16:00:00"	6.8686	93.298	97.135	18.478	768.71	26.5	0
"2011-08-26	17:00:00"	7.0724	108.29	97.835	16.578	646.3	26.483	0
"2011-08-26	18:00:00"	5.8813	94.059	97.991	16.013	451.77	26.471	0
"2011-08-26	19:00:00"	7.6683	124.75	97.537	18.361	357.6	26.465	0
"2011-08-26	20:00:00"	8.8079	130.38	95.573	19.978	129.29	26.465	0
"2011-08-26	21:00:00"	6.4517	126.45	91.008	22.465	7.148	26.48	0
"2011-08-26	22:00:00"	4.9871	123.21	86.822	24.124	0.06063	26.503	0
"2011-08-26	23:00:00"	5.5588	115.38	84.626	26.184	0.06402	26.512	0
"2011-08-27	00:00:00"	5.2226	122.63	82.786	29.239	0.06571	26.518	0
"2011-08-27	01:00:00"	4.4397	146.39	80.986	31.589	0.04812	26.527	0
"2011-08-27	02:00:00"	5.4376	157.85	79.036	32.602	0.0566	26.527	0
"2011-08-27	03:00:00"	5.7073	170.41	76.89	35.387	0.04494	26.524	0
"2011-08-27	04:00:00"	3.8326	179.17	74.109	40.003	0.05935	26.524	0
"2011-08-27	05:00:00"	2.3264	198.08	72.553	43.953	0.05978	26.521	0
"2011-08-27	06:00:00"	1.633	212.15	71.713	46.253	0.05851	26.53	0
"2011-08-27	07:00:00"	1.7137	235.74	70.939	48.352	0.05829	26.542	0
"2011-08-27	08:00:00"	1.9996	276.6	71.535	48.148	21.964	26.559	0
"2011-08-27	09:00:00"	1.7604	292.07	76.323	41.153	170.64	26.577	0
"2011-08-27	10:00:00"	3.9221	264.4	84.459	30.192	380.76	26.586	0
"2011-08-27	11:00:00"	5.6091	234.17	88.998	25.83	588.2	26.586	0
"2011-08-27	12:00:00"	5.107	189.17	91.852	23.148	763.21	26.577	0
"2011-08-27	13:00:00"	6.4778	120.72	93.543	20.877	886.78	26.565	0
"2011-08-27	14:00:00"	6.425	125.32	95.117	18.539	938.91	26.542	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-27	15:00:00"	6.3467	134.92	96.913	16.641	939.31	26.521	0
"2011-08-27	16:00:00"	6.5163	143.41	97.43	15.818	736.29	26.497	0
"2011-08-27	17:00:00"	8.5687	151.9	97.919	14.82	710.8	26.471	0
"2011-08-27	18:00:00"	6.9364	175.43	98.333	14.411	551.06	26.462	0
"2011-08-27	19:00:00"	7.5242	124.06	97.559	14.826	339.19	26.459	0
"2011-08-27	20:00:00"	8.3369	140.44	95.656	15.234	131.65	26.456	0
"2011-08-27	21:00:00"	5.5874	128.65	90.331	17.309	8.9036	26.465	0
"2011-08-27	22:00:00"	5.8111	122.09	86.054	20.585	0.07546	26.477	0
"2011-08-27	23:00:00"	5.7694	126.98	84.4	23.322	0.06041	26.485	0
"2011-08-28	00:00:00"	5.217	143.27	81.488	25.726	0.04515	26.488	0
"2011-08-28	01:00:00"	5.5811	157.25	80.459	25.159	0.06084	26.488	0
"2011-08-28	02:00:00"	6.2367	165.1	78.236	27.909	0.04558	26.485	0
"2011-08-28	03:00:00"	6.5735	189.76	78.043	32.555	0.04452	26.491	0
"2011-08-28	04:00:00"	4.1831	196.8	75.877	36.434	0.05278	26.483	0
"2011-08-28	05:00:00"	2.2612	239.37	74.322	38.603	0.06677	26.483	0
"2011-08-28	06:00:00"	2.1288	255.65	73.231	38.673	0.07398	26.483	0
"2011-08-28	07:00:00"	1.4006	209.03	71.745	40.715	0.05533	26.485	0
"2011-08-28	08:00:00"	1.9555	255.83	72.758	39.769	20.512	26.497	0
"2011-08-28	09:00:00"	2.6818	269.65	75.854	35.866	168.8	26.509	0
"2011-08-28	10:00:00"	7.1899	248.44	84.685	26.454	381.72	26.512	0
"2011-08-28	11:00:00"	10.133	227.81	90.547	21.58	589.81	26.509	0
"2011-08-28	12:00:00"	9.1764	212.06	93.211	19.446	765.26	26.503	0
"2011-08-28	13:00:00"	9.4622	205.33	94.572	16.539	888.05	26.485	0
"2011-08-28	14:00:00"	9.2261	202.73	96.097	13.541	949	26.465	0
"2011-08-28	15:00:00"	10.062	197.37	97.224	12.912	938.23	26.45	0
"2011-08-28	16:00:00"	9.9258	199.43	98.272	11.7	863.72	26.426	0
"2011-08-28	17:00:00"	10.205	206.22	98.545	11.719	726.7	26.409	0
"2011-08-28	18:00:00"	9.9015	195.85	98.335	10.564	546.1	26.403	0
"2011-08-28	19:00:00"	8.0523	176.12	97.614	11.085	335.38	26.388	0
"2011-08-28	20:00:00"	8.3276	189.31	95.997	12.987	127.45	26.382	0
"2011-08-28	21:00:00"	4.2396	172.22	90.395	15.569	7.6347	26.394	0
"2011-08-28	22:00:00"	4.3999	167.71	85.076	17.584	0.05215	26.403	0
"2011-08-28	23:00:00"	5.1623	172.32	82.624	20.154	0.06041	26.406	0
"2011-08-29	00:00:00"	5.3966	171.7	80.558	22.285	0.06084	26.403	0
"2011-08-29	01:00:00"	4.7603	170.87	79.674	23.068	0.05999	26.409	0
"2011-08-29	02:00:00"	2.3457	199.99	78.842	23.789	0.07419	26.412	0
"2011-08-29	03:00:00"	1.9238	194.01	77.358	25.023	0.06508	26.412	0
"2011-08-29	04:00:00"	2.1941	282.17	77.709	24.849	0.05384	26.418	0
"2011-08-29	05:00:00"	1.935	338.48	77.236	25.577	0.05299	26.418	0
"2011-08-29	06:00:00"	2.4836	340.36	77.317	26.403	0.0672	26.426	0
"2011-08-29	07:00:00"	4.4583	352.25	76.182	28.411	0.06147	26.438	0
"2011-08-29	08:00:00"	4.8355	34.46	73.971	30.6	6.0787	26.441	0
"2011-08-29	09:00:00"	5.967	108.21	77.132	28.724	88.318	26.45	0
"2011-08-29	10:00:00"	5.4308	131.5	85.146	22.795	278.09	26.456	0
"2011-08-29	11:00:00"	7.5062	190.7	91.931	18.34	581.32	26.459	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-29	12:00:00"	8.3152	231.31	92.547	17.962	396.59	26.459	0
"2011-08-29	13:00:00"	8.2611	244.41	94.422	16.222	304.34	26.45	0
"2011-08-29	14:00:00"	7.9082	268.77	93.529	16.303	254.99	26.432	0
"2011-08-29	15:00:00"	3.6077	304.68	93.179	16.316	335.94	26.459	0.1
"2011-08-29	16:00:00"	6.3106	233.13	97.943	13.766	694.01	26.432	0
"2011-08-29	17:00:00"	7.2452	222.1	97.751	13.719	352.87	26.415	0
"2011-08-29	18:00:00"	6.5387	216.29	99.067	12.909	530.44	26.397	0
"2011-08-29	19:00:00"	4.5515	192.54	99.99	12.192	370.66	26.379	0
"2011-08-29	20:00:00"	5.9608	201.79	97.558	13.08	83.339	26.373	0
"2011-08-29	21:00:00"	2.2593	140.89	91.069	16.367	3.5992	26.382	0
"2011-08-29	22:00:00"	3.4132	165.48	89.233	18.526	0.04833	26.409	0
"2011-08-29	23:00:00"	2.145	174.69	87.464	21.223	0.08967	26.412	0
"2011-08-30	00:00:00"	4.646	172.85	86.857	22.568	0.04664	26.418	0
"2011-08-30	01:00:00"	9.0863	184.49	89.188	21.647	0.04176	26.415	0
"2011-08-30	02:00:00"	10.126	190.23	87.051	26.186	0.04261	26.42	0
"2011-08-30	03:00:00"	7.4658	196.74	84.457	30.142	0.06105	26.418	0
"2011-08-30	04:00:00"	7.0115	193.03	82.685	31.654	0.0725	26.415	0
"2011-08-30	05:00:00"	5.6313	184.77	80.76	33.074	0.08246	26.403	0
"2011-08-30	06:00:00"	6.8494	178.17	79.751	32.995	0.05702	26.403	0
"2011-08-30	07:00:00"	7.2601	210.27	78.873	32.601	0.04346	26.412	0
"2011-08-30	08:00:00"	5.3326	200.17	77.065	34.497	9.8961	26.418	0
"2011-08-30	09:00:00"	8.1611	221.07	78.696	32.39	137.65	0	0
"2011-08-30	10:00:00"	7.8466	220.36	83.383	28.049	372.85	0	0
"2011-08-30	11:00:00"	12.418	220.87	89.674	22.985	602.21	26.444	0
"2011-08-30	12:00:00"	12.923	223.56	91.059	21.67	637.68	26.403	0
"2011-08-30	13:00:00"	14.095	221.16	97.322	16.806	855.63	26.394	0
"2011-08-30	14:00:00"	11.314	217.63	98.478	15.186	550.09	26.376	0
"2011-08-30	15:00:00"	10.434	240.42	101.44	12.953	925.84	26.356	0
"2011-08-30	16:00:00"	6.2852	207.29	101.89	11.919	719.24	26.326	0
"2011-08-30	17:00:00"	7.9361	210.41	102.47	11.597	596.76	26.308	0
"2011-08-30	18:00:00"	7.3707	215.52	102.14	12.014	404.32	26.302	0
"2011-08-30	19:00:00"	10.1	186.55	99.012	14.519	220.37	26.299	0
"2011-08-30	20:00:00"	8.2381	180.47	97.232	14.931	40.872	26.314	0
"2011-08-30	21:00:00"	6.9177	74.624	93.333	18.689	0.52889	26.373	0
"2011-08-30	22:00:00"	6.1938	195.52	91.49	20.479	0.05257	26.388	0
"2011-08-30	23:00:00"	13.079	183.72	88.616	23.78	0.06508	26.382	0
"2011-08-31	00:00:00"	12.899	164.13	87.289	22.83	0.04197	26.388	0
"2011-08-31	01:00:00"	11.511	162.27	86.331	23.11	0.05639	26.388	0
"2011-08-31	02:00:00"	16.083	181.61	84.484	24.736	0.04324	26.391	0
"2011-08-31	03:00:00"	12.558	173.55	83.474	25.817	0.05745	26.394	0
"2011-08-31	04:00:00"	10.824	205.75	82.332	26.614	0.04621	0	0
"2011-08-31	05:00:00"	10.63	201.29	81.159	27.978	0.06423	26.406	0
"2011-08-31	06:00:00"	10.484	225	81.183	27.922	0.05702	0	0
"2011-08-31	07:00:00"	12.271	205.79	80.314	30.512	0.06423	26.409	0
"2011-08-31	08:00:00"	13.318	217.59	79.707	31.806	6.6237	26.418	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-08-31	09:00:00"	9.0931	217.06	78.637	33.819	50.839	26.444	0
"2011-08-31	10:00:00"	13.284	198.92	81.541	31.15	352.06	26.444	0
"2011-08-31	11:00:00"	12.767	183.66	84.757	28.115	361.63	26.456	0
"2011-08-31	12:00:00"	12.118	180.47	88.892	23.826	689.07	26.462	0
"2011-08-31	13:00:00"	13.881	187.41	92.799	19.637	960.94	26.447	0
"2011-08-31	14:00:00"	12.562	189.79	94.176	18.089	624.81	26.444	0
"2011-08-31	15:00:00"	11.862	165.39	95.249	17.64	814.46	26.426	0
"2011-08-31	16:00:00"	11.175	167.83	97.498	17.651	936.67	26.403	0
"2011-08-31	17:00:00"	12.304	159.81	98.282	15.891	706.81	26.394	0
"2011-08-31	18:00:00"	14.141	150.73	97.641	15.849	524.86	26.397	0
"2011-08-31	19:00:00"	14.341	166.98	95.982	16.873	311.58	26.406	0
"2011-08-31	20:00:00"	14.156	171.2	93.021	17.441	109.28	26.409	0
"2011-08-31	21:00:00"	9.7816	172.64	88.965	18.636	2.6275	26.432	0
"2011-08-31	22:00:00"	7.9138	170.15	85.249	21.023	0.06635	26.456	0
"2011-08-31	23:00:00"	7.815	172.06	83.182	23.49	0.06338	26.474	0
"2011-09-01	00:00:00"	8.2481	176.92	81.346	26.967	0.05342	26.477	0
"2011-09-01	01:00:00"	7.6329	175.29	79.081	30.664	0.0566	26.483	0
"2011-09-01	02:00:00"	6.7027	177.68	76.859	34.336	0.05978	26.48	0
"2011-09-01	03:00:00"	7.2893	185.56	75.795	37.039	0.05257	26.485	0
"2011-09-01	04:00:00"	3.5014	187.91	72.446	41.436	0.04748	0	0
"2011-09-01	05:00:00"	4.098	203.37	72.186	42.843	0.06783	0	0
"2011-09-01	06:00:00"	3.8053	214.95	71.011	44.879	0.05088	0	0
"2011-09-01	07:00:00"	5.0977	203.71	70.69	47.92	0.06275	26.5	0
"2011-09-01	08:00:00"	7.851	215.99	71.184	54.726	17.525	26.515	0
"2011-09-01	09:00:00"	12.693	204.63	73.932	58.194	161.53	26.533	0
"2011-09-01	10:00:00"	17.226	176.5	78.629	42.056	376.11	26.533	0
"2011-09-01	11:00:00"	15.623	180.6	82.128	35.355	585.58	26.55	0
"2011-09-01	12:00:00"	13.763	175.54	84.999	31.36	759.08	26.542	0
"2011-09-01	13:00:00"	11.642	165.02	86.615	28.942	878.3	26.521	0
"2011-09-01	14:00:00"	11.288	156.18	88.581	26.083	934.08	26.5	0
"2011-09-01	15:00:00"	11.475	142.29	89.965	23.504	930.45	26.48	0
"2011-09-01	16:00:00"	11.022	145.92	90.682	22.418	852.72	26.456	0
"2011-09-01	17:00:00"	10.369	137.87	91.332	21.433	716.9	26.432	0
"2011-09-01	18:00:00"	10.391	141.42	91.527	20.391	534.45	26.426	0
"2011-09-01	19:00:00"	10.801	129.54	90.627	21.553	318.92	26.423	0
"2011-09-01	20:00:00"	10.358	138.44	88.809	22.671	113.05	26.423	0
"2011-09-01	21:00:00"	6.7736	122.65	84.793	24.801	4.8507	26.435	0
"2011-09-01	22:00:00"	5.7589	120.98	80.98	27.744	0.05766	26.456	0
"2011-09-01	23:00:00"	5.4643	106.3	78.25	29.79	0.05215	26.468	0
"2011-09-02	00:00:00"	5.9136	106.3	76.455	33.19	0.05787	26.468	0
"2011-09-02	01:00:00"	5.7036	118.98	75.089	35.748	0.06381	26.474	0
"2011-09-02	02:00:00"	5.9424	126.01	74.513	35.888	0.06253	26.474	0
"2011-09-02	03:00:00"	5.2338	120.62	73.398	35.361	0.05851	26.468	0
"2011-09-02	04:00:00"	4.6932	152.66	71.65	36.349	0.05088	26.465	0
"2011-09-02	05:00:00"	5.2779	211.8	70.676	37.766	0.0761	26.462	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-02	06:00:00"	4.2421	211.87	70.613	39.968	0.06147	26.459	0
"2011-09-02	07:00:00"	3.2902	220.21	70.475	43.213	0.06147	26.465	0
"2011-09-02	08:00:00"	1.7846	225	69.515	48.764	18.727	0	0
"2011-09-02	09:00:00"	4.8181	196.87	73.268	49.537	167.32	26.48	0
"2011-09-02	10:00:00"	10.908	180.08	79.09	47.82	387.06	26.485	0
"2011-09-02	11:00:00"	11.417	165.82	83.097	41.053	630.86	26.488	0
"2011-09-02	12:00:00"	9.3554	157.7	85.215	34.36	762.49	26.483	0
"2011-09-02	13:00:00"	10.07	166.47	86.342	33.036	776.94	26.462	0
"2011-09-02	14:00:00"	10.641	155.68	88.639	29.438	952.29	26.441	0
"2011-09-02	15:00:00"	10.02	165.03	90.539	26.335	935.97	26.418	0
"2011-09-02	16:00:00"	9.323	150.24	91.517	24.765	773.25	26.388	0
"2011-09-02	17:00:00"	8.5383	144.21	92.281	24.236	629.95	26.379	0
"2011-09-02	18:00:00"	8.5507	142.73	93.069	22.801	544.3	26.367	0
"2011-09-02	19:00:00"	8.3885	158.06	92.747	22.539	319.6	26.364	0
"2011-09-02	20:00:00"	7.9716	140.4	91.194	23.62	119.92	26.361	0
"2011-09-02	21:00:00"	5.0368	125.85	86.305	27.007	4.2311	26.37	0
"2011-09-02	22:00:00"	5.8688	116.94	82.951	29.301	0.04664	26.391	0
"2011-09-02	23:00:00"	5.7017	106.75	80.756	30.784	0.04791	26.4	0
"2011-09-03	00:00:00"	5.99	114.97	78.896	32.855	0.04473	26.406	0
"2011-09-03	01:00:00"	5.675	115.96	77.186	36.685	0.05511	26.406	0
"2011-09-03	02:00:00"	5.7862	122.86	75.913	39.753	0.06911	26.397	0
"2011-09-03	03:00:00"	3.4486	218.22	74.126	42.824	0.03625	26.394	0
"2011-09-03	04:00:00"	2.0661	211.81	72.673	44.216	0.06296	26.385	0
"2011-09-03	05:00:00"	3.1721	222.89	71.609	44.168	0.0496	26.382	0
"2011-09-03	06:00:00"	3.96	233.37	68.714	47.161	0.06932	26.385	0
"2011-09-03	07:00:00"	3.3467	231.26	66.7	50.062	0.07483	26.391	0
"2011-09-03	08:00:00"	2.8999	225	65.925	50.958	19.316	0	0
"2011-09-03	09:00:00"	2.4849	137.39	73.789	42.816	169.48	26.412	0
"2011-09-03	10:00:00"	4.8809	185.92	82.718	34.134	385.47	26.42	0
"2011-09-03	11:00:00"	4.8318	200.24	85.796	31.645	592.88	26.423	0
"2011-09-03	12:00:00"	5.7452	184.04	88.264	28.968	765.41	26.429	0
"2011-09-03	13:00:00"	6.5287	109.03	90.565	23.171	887.78	26.418	0
"2011-09-03	14:00:00"	6.4069	83.43	92.088	22.792	952.41	26.403	0
"2011-09-03	15:00:00"	6.8096	80.096	93.773	20.602	887.77	26.388	0
"2011-09-03	16:00:00"	7.2402	87.21	94.241	19.684	627.81	26.364	0
"2011-09-03	17:00:00"	8.6302	84.113	95.15	18.063	711.5	26.344	0
"2011-09-03	18:00:00"	7.3359	89.124	94.773	18.297	456.81	26.338	0
"2011-09-03	19:00:00"	7.5484	88.275	94.386	18.536	313.8	26.338	0
"2011-09-03	20:00:00"	7.4067	78.332	92.898	19.715	104.24	26.347	0
"2011-09-03	21:00:00"	4.4509	64.117	87.934	23.171	3.1133	26.361	0
"2011-09-03	22:00:00"	3.5878	71.746	83.157	27.411	0.05935	26.391	0
"2011-09-03	23:00:00"	9.1584	45.667	82.883	32.029	0.04536	26.415	0
"2011-09-04	00:00:00"	10.838	55.013	81.091	40.291	0.08119	26.432	0
"2011-09-04	01:00:00"	7.7286	56.647	79.633	41.589	0.05575	26.441	0
"2011-09-04	02:00:00"	13.66	21.735	78.123	45.68	0.05427	26.459	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-04	03:00:00"	18.733	25.163	74.75	59.223	0.05109	26.462	0
"2011-09-04	04:00:00"	16.814	230.49	73.497	63.142	0.05808	26.465	0
"2011-09-04	05:00:00"	18.918	227.9	71.301	67.568	0.04897	26.459	0
"2011-09-04	06:00:00"	20.3	225	70.592	68.11	0.08331	0	0
"2011-09-04	07:00:00"	18.342	266.62	68.57	71.659	0.05829	26.515	0
"2011-09-04	08:00:00"	18.515	225	68.259	72.498	3.5299	0	0
"2011-09-04	09:00:00"	15.014	19.419	67.394	73.342	51.921	26.553	0
"2011-09-04	10:00:00"	15.675	262.08	66.689	75.705	97.787	26.553	0
"2011-09-04	11:00:00"	16.075	22.927	67.755	73.734	185.34	26.574	0
"2011-09-04	12:00:00"	17.146	20.001	66.327	77.54	139.86	26.607	0
"2011-09-04	13:00:00"	14.325	31.283	63.401	88.053	110.05	26.604	0.04
"2011-09-04	14:00:00"	14.627	24.609	62.642	85.372	204.02	26.609	0
"2011-09-04	15:00:00"	14.442	23.393	65.025	77.573	481.62	26.601	0
"2011-09-04	16:00:00"	15.34	23.658	67.868	68.833	554.37	26.586	0
"2011-09-04	17:00:00"	13.793	29.66	69.37	64.182	573.98	26.574	0
"2011-09-04	18:00:00"	12.739	26.778	69.527	62.444	500.03	26.568	0
"2011-09-04	19:00:00"	12.74	28.209	68.032	64.505	297.36	26.568	0
"2011-09-04	20:00:00"	11.512	28.552	65.771	69.179	85.969	26.58	0
"2011-09-04	21:00:00"	9.2876	22.206	63.625	73.308	2.1226	26.586	0
"2011-09-04	22:00:00"	9.8543	25.266	64.223	71.019	0.06805	26.609	0
"2011-09-04	23:00:00"	8.4494	29.89	65.026	62.911	0.04727	26.615	0
"2011-09-05	00:00:00"	4.6597	17.154	64.317	61.737	0.06169	26.621	0
"2011-09-05	01:00:00"	5.3084	2.0012	65.281	57.12	0.05639	26.627	0
"2011-09-05	02:00:00"	7.2414	231.36	65.836	52.864	0.06084	26.63	0
"2011-09-05	03:00:00"	6.456	230.34	65.266	52.765	0.07525	26.624	0
"2011-09-05	04:00:00"	5.002	230.19	64.325	54.047	0.06041	26.618	0
"2011-09-05	05:00:00"	7.3614	225	63.951	52.753	0.06911	0	0
"2011-09-05	06:00:00"	6.6356	221.66	63.37	43.227	0.04897	0	0
"2011-09-05	07:00:00"	4.8939	227.03	57.003	58.87	0.07843	26.63	0
"2011-09-05	08:00:00"	5.414	264.19	55.606	65.521	16.643	26.654	0
"2011-09-05	09:00:00"	6.983	241.29	56.968	61.131	167.51	26.666	0
"2011-09-05	10:00:00"	11.153	60.943	62.752	41.557	390.65	26.674	0
"2011-09-05	11:00:00"	11.135	68.314	66.153	33.928	608.53	26.68	0
"2011-09-05	12:00:00"	9.4051	74.059	68.89	30.382	785.55	26.68	0
"2011-09-05	13:00:00"	8.5544	62.126	71.426	27.715	906.86	26.66	0
"2011-09-05	14:00:00"	9.1739	38.679	74.236	24.445	964.29	26.633	0
"2011-09-05	15:00:00"	8.9297	38.241	76.604	22.976	951.53	26.609	0
"2011-09-05	16:00:00"	8.2704	49.527	77.949	22.003	869.9	26.586	0
"2011-09-05	17:00:00"	7.7429	58.736	78.816	21.236	729.92	26.565	0
"2011-09-05	18:00:00"	6.9668	60.24	79.407	20.826	540.88	26.559	0
"2011-09-05	19:00:00"	6.7767	70.508	79.12	21.211	319.49	26.559	0
"2011-09-05	20:00:00"	6.4014	55.359	77.334	22.832	109.77	26.559	0
"2011-09-05	21:00:00"	4.2794	47.593	71.33	27.338	3.1015	26.565	0
"2011-09-05	22:00:00"	4.3682	35.927	66.989	31.192	0.08055	26.577	0
"2011-09-05	23:00:00"	4.5167	37.352	63.879	34.491	0.05787	26.589	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-06	00:00:00"	4.7056	44.895	61.924	37.957	0.07165	26.586	0
"2011-09-06	01:00:00"	4.6976	61.632	59.961	41.393	0.06359	26.577	0
"2011-09-06	02:00:00"	4.8803	98.353	57.829	42.758	0.07758	26.571	0
"2011-09-06	03:00:00"	4.6143	216.59	57.486	41.525	0.06571	0	0
"2011-09-06	04:00:00"	5.3332	181.68	56.848	39.752	0.08288	26.571	0
"2011-09-06	05:00:00"	5.7166	181.51	57.316	36.641	0.05999	26.568	0
"2011-09-06	06:00:00"	5.1449	225	58.1	33.6	0.07101	26.568	0
"2011-09-06	07:00:00"	4.6006	216.13	57.123	33.885	0.0672	26.583	0
"2011-09-06	08:00:00"	1.5615	225	54.078	35.401	19.585	0	0
"2011-09-06	09:00:00"	4.2831	200.18	58.193	31.195	174.89	26.615	0
"2011-09-06	10:00:00"	8.7359	185.06	66.826	22.322	400.01	26.618	0
"2011-09-06	11:00:00"	9.7387	190.65	71.356	19.179	617.8	26.621	0
"2011-09-06	12:00:00"	8.8918	184.59	74.911	17.952	793.05	26.615	0
"2011-09-06	13:00:00"	7.7174	196.57	77.541	17.473	911.15	26.604	0
"2011-09-06	14:00:00"	6.4946	186.27	79.941	16.863	964.71	26.589	0
"2011-09-06	15:00:00"	7.705	146.14	81.997	15.644	952.42	26.571	0
"2011-09-06	16:00:00"	6.4001	160.75	84.013	14.231	869.38	26.553	0
"2011-09-06	17:00:00"	6.8736	154.79	84.892	13.615	727.7	26.536	0
"2011-09-06	18:00:00"	7.2185	160.62	85.613	13.296	536.23	26.524	0
"2011-09-06	19:00:00"	6.9314	146.03	85.246	13.11	314.57	26.518	0
"2011-09-06	20:00:00"	7.2054	135.58	83.114	13.982	104.53	26.527	0
"2011-09-06	21:00:00"	5.7054	120.28	76.375	16.895	2.5758	26.539	0
"2011-09-06	22:00:00"	5.6284	127.45	72.448	17.894	0.05299	26.55	0
"2011-09-06	23:00:00"	6.0459	118.37	70.089	16.692	0.07843	26.559	0
"2011-09-07	00:00:00"	6.333	118.53	68.513	14.897	0.06275	26.562	0
"2011-09-07	01:00:00"	6.7096	118.07	66.845	14.533	0.06426	26.556	0
"2011-09-07	02:00:00"	6.9171	129.83	66.051	14.406	0.05596	26.556	0
"2011-09-07	03:00:00"	5.9372	185.35	64.018	16.351	0.06126	0	0
"2011-09-07	04:00:00"	6.8369	186.78	63.443	16.79	0.06147	0	0
"2011-09-07	05:00:00"	6.9904	190.8	63.787	17.461	0.05639	26.571	0
"2011-09-07	06:00:00"	6.3864	211.69	62.555	19.604	0.06847	26.571	0
"2011-09-07	07:00:00"	6.0323	212.32	61.249	21.622	0.07419	26.568	0
"2011-09-07	08:00:00"	8.4767	225	61.258	21.939	18.418	0	0
"2011-09-07	09:00:00"	5.6259	144.21	63.84	19.867	175.19	26.615	0
"2011-09-07	10:00:00"	6.3945	131.68	70.705	15.843	394.27	26.627	0
"2011-09-07	11:00:00"	8.0418	153.87	76.667	13.177	607.43	26.636	0
"2011-09-07	12:00:00"	9.9196	171.41	80.442	11.217	772.81	26.633	0
"2011-09-07	13:00:00"	9.6089	148.64	83.355	9.7211	899.14	26.624	0
"2011-09-07	14:00:00"	9.3827	155.05	85.28	8.6558	955.62	26.621	0
"2011-09-07	15:00:00"	9.0105	156.7	86.677	8.0947	871.43	26.607	0
"2011-09-07	16:00:00"	8.4817	140.29	87.737	7.6347	754.94	26.592	0
"2011-09-07	17:00:00"	8.8595	127.5	88.13	7.1747	588.86	26.58	0
"2011-09-07	18:00:00"	10.693	105.7	88.352	6.7456	525.65	26.58	0
"2011-09-07	19:00:00"	9.95	108.83	87.384	7.633	273	26.58	0
"2011-09-07	20:00:00"	9.1223	88.228	84.71	9.2158	82.767	26.598	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-07	21:00:00"	8.7588	70.685	79.695	12.537	1.4578	26.624	0
"2011-09-07	22:00:00"	8.77	75.482	76.114	15.371	0.0566	26.648	0
"2011-09-07	23:00:00"	10.776	76.305	73.532	19.022	0.05109	26.677	0
"2011-09-08	00:00:00"	12.76	71.115	72.581	22.124	0.07123	26.686	0
"2011-09-08	01:00:00"	13.423	76.226	71.47	24.147	0.0672	26.695	0
"2011-09-08	02:00:00"	10.729	76.679	69.479	25.948	0.0549	26.695	0
"2011-09-08	03:00:00"	10.124	88.213	68.214	27.063	0.07907	0	0
"2011-09-08	04:00:00"	8.8241	87.519	67.36	27.067	0.04536	26.704	0
"2011-09-08	05:00:00"	9.9985	219.37	66.514	27.688	0.06317	26.707	0
"2011-09-08	06:00:00"	9.2	221.08	65.695	28.432	0.06805	26.707	0
"2011-09-08	07:00:00"	8.0716	221.82	64.64	29.556	0.07546	26.716	0
"2011-09-08	08:00:00"	6.0229	225	62.515	31.911	14.316	0	0
"2011-09-08	09:00:00"	7.8187	52.427	61.651	35.165	157.8	26.748	0
"2011-09-08	10:00:00"	9.881	67.364	66.963	29.85	384.38	26.757	0
"2011-09-08	11:00:00"	10.206	76.361	70.262	26.14	574.37	26.754	0
"2011-09-08	12:00:00"	8.2965	69.451	74.058	21.462	768.27	26.745	0
"2011-09-08	13:00:00"	5.7688	104.44	76.836	18.832	884.5	26.725	0
"2011-09-08	14:00:00"	5.1102	62.376	78.192	17.767	928.34	26.695	0
"2011-09-08	15:00:00"	5.3332	85.318	80.507	16.492	910.09	26.666	0
"2011-09-08	16:00:00"	5.4202	66.683	81.455	15.784	844.09	26.636	0
"2011-09-08	17:00:00"	5.6986	100.71	82.419	15.352	691.83	26.621	0
"2011-09-08	18:00:00"	5.5047	134.09	83.122	14.883	530.96	26.604	0
"2011-09-08	19:00:00"	5.2562	86.743	82.562	15.449	326.64	26.598	0
"2011-09-08	20:00:00"	5.2114	90.011	79.99	17.23	56.376	26.592	0
"2011-09-08	21:00:00"	4.2452	76.495	74.423	21.18	1.1782	26.589	0
"2011-09-08	22:00:00"	4.4049	71.702	70.299	24.205	0.04918	26.601	0
"2011-09-08	23:00:00"	4.2054	74.755	67.788	27.288	0.07864	26.607	0
"2011-09-09	00:00:00"	4.7212	84.357	67.868	29.461	0.05024	26.607	0
"2011-09-09	01:00:00"	6.0304	89.009	69.19	29.824	0.0778	26.615	0
"2011-09-09	02:00:00"	5.3388	92.225	66.705	33.297	0.07674	26.592	0
"2011-09-09	03:00:00"	5.1331	115.94	64.203	36.284	0.0708	26.589	0
"2011-09-09	04:00:00"	4.4478	221.71	64.426	36.956	0.06063	26.589	0
"2011-09-09	05:00:00"	4.1837	225.17	63.663	38.049	0.05702	26.583	0
"2011-09-09	06:00:00"	4.2614	216.2	63.61	38.368	0.0513	26.58	0
"2011-09-09	07:00:00"	4.4577	232.22	63.138	39.176	0.0496	26.601	0
"2011-09-09	08:00:00"	4.0153	225	61.079	41.484	8.7774	0	0
"2011-09-09	09:00:00"	5.5781	18.798	63.402	40.311	55.334	26.63	0
"2011-09-09	10:00:00"	6.256	211.03	66.834	36.586	204.01	26.633	0
"2011-09-09	11:00:00"	7.797	47.997	72.645	28.908	520.88	26.636	0
"2011-09-09	12:00:00"	5.4134	52.933	76.13	25.265	620.7	26.63	0
"2011-09-09	13:00:00"	7.5291	83.602	77.827	24.236	774.54	26.609	0
"2011-09-09	14:00:00"	7.838	78.087	79.494	23.484	882.93	26.589	0
"2011-09-09	15:00:00"	7.4912	69.415	80.679	22.695	798.93	26.547	0
"2011-09-09	16:00:00"	8.2195	54.849	81.09	23.352	646.83	26.547	0
"2011-09-09	17:00:00"	7.0476	38.28	80.034	24.279	228.37	26.539	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-09	18:00:00"	9.7344	64.068	80.269	24.533	335.87	26.521	0
"2011-09-09	19:00:00"	9.3423	69.861	80.252	24.079	271.09	26.521	0
"2011-09-09	20:00:00"	8.0747	73.79	78.256	25.792	78.952	26.53	0
"2011-09-09	21:00:00"	7.0805	63.113	74.865	28.906	0.63509	26.536	0
"2011-09-09	22:00:00"	7.9076	62.564	72.979	31.204	0.05469	26.55	0
"2011-09-09	23:00:00"	6.9774	60.29	69.867	34.568	0.06465	26.559	0
"2011-09-10	00:00:00"	6.8009	61.441	67.938	37.135	0.07038	26.556	0
"2011-09-10	01:00:00"	5.7415	69.234	68.458	36.261	0.07334	26.565	0
"2011-09-10	02:00:00"	4.065	64.181	67.997	36.184	0.06995	26.559	0
"2011-09-10	03:00:00"	3.5493	78.794	67.095	37.298	0.04388	26.556	0
"2011-09-10	04:00:00"	3.4654	221.12	66.644	37.473	0.06571	26.547	0
"2011-09-10	05:00:00"	4.3465	228.59	64.27	40.523	0.06529	26.547	0
"2011-09-10	06:00:00"	4.4782	229.06	64.58	40.693	0.05893	26.556	0
"2011-09-10	07:00:00"	3.7214	229.67	64.505	41.268	0.05427	26.577	0
"2011-09-10	08:00:00"	4.4615	225	64.49	41.883	3.9585	0	0
"2011-09-10	09:00:00"	5.9658	55.83	65.511	40.678	67.62	26.595	0
"2011-09-10	10:00:00"	6.63	77.653	70.27	31.859	221.5	26.604	0
"2011-09-10	11:00:00"	8.2941	67.151	73.46	28.157	265.42	26.627	0
"2011-09-10	12:00:00"	9.1161	76.622	73.952	28.496	284.59	26.633	0
"2011-09-10	13:00:00"	8.9738	85.527	75.491	27.086	340	26.621	0
"2011-09-10	14:00:00"	9.8245	102.04	78.775	23.789	716.82	26.609	0
"2011-09-10	15:00:00"	8.5662	104.33	79.998	22.186	538.87	26.592	0
"2011-09-10	16:00:00"	9.5387	85.199	81.105	21.824	538.42	26.577	0
"2011-09-10	17:00:00"	9.7773	81.989	81.259	21.93	551.42	26.568	0
"2011-09-10	18:00:00"	9.5095	66.914	80.301	23.61	295.14	26.562	0
"2011-09-10	19:00:00"	11.474	68.548	79.194	26.218	210.5	26.559	0
"2011-09-10	20:00:00"	11.033	52.536	76.464	29.859	82.943	26.559	0
"2011-09-10	21:00:00"	8.921	50.348	74.195	33.164	0.68724	26.565	0
"2011-09-10	22:00:00"	6.7238	45.623	71.408	38.567	0.05681	26.583	0
"2011-09-10	23:00:00"	5.7408	41.326	66.979	47.511	0.03943	26.595	0
"2011-09-11	00:00:00"	4.6994	48.927	63.256	52.277	0.0602	26.612	0
"2011-09-11	01:00:00"	5.0934	30.807	61.75	53.777	0.05787	26.615	0
"2011-09-11	02:00:00"	5.4326	34.46	60.492	57.763	0.05511	26.612	0
"2011-09-11	03:00:00"	6.1186	19.313	59.777	62.599	0.04748	26.601	0
"2011-09-11	04:00:00"	5.9925	230.49	59.101	65.691	0.04791	26.592	0
"2011-09-11	05:00:00"	6.8537	232.24	58.826	67.458	0.07546	26.592	0
"2011-09-11	06:00:00"	7.467	232.04	58.662	66.703	0.05575	0	0
"2011-09-11	07:00:00"	7.2868	263.49	58.034	68.058	0.05321	26.612	0
"2011-09-11	08:00:00"	7.0668	230.26	57.793	67.681	12.056	26.627	0
"2011-09-11	09:00:00"	7.9573	250.46	61.042	60.087	149.18	26.654	0
"2011-09-11	10:00:00"	8.857	65.834	71.127	40.073	365.12	26.666	0
"2011-09-11	11:00:00"	10.533	82.76	76.249	32.09	580.03	26.68	0
"2011-09-11	12:00:00"	8.4475	89.113	79.273	27.933	732.21	26.686	0
"2011-09-11	13:00:00"	5.716	102.41	82.274	24.184	864.03	26.672	0
"2011-09-11	14:00:00"	5.7533	161.46	84.661	22.141	911.64	26.651	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-11	15:00:00"	5.7918	133.16	86.079	20.353	895.43	26.624	0
"2011-09-11	16:00:00"	5.775	174.4	87.453	18.742	799.12	26.601	0
"2011-09-11	17:00:00"	5.1872	193.91	88.601	17.906	640.78	26.58	0
"2011-09-11	18:00:00"	5.7141	170.66	89.2	17.206	516.95	26.568	0
"2011-09-11	19:00:00"	5.5712	136.15	88.89	17.281	285.5	26.568	0
"2011-09-11	20:00:00"	4.1849	133.37	87.018	18.129	76.365	26.568	0
"2011-09-11	21:00:00"	4.3968	106.73	82.133	21.098	0.5999	26.577	0
"2011-09-11	22:00:00"	4.2353	136.91	78.136	23.769	0.06359	26.601	0
"2011-09-11	23:00:00"	4.8827	135.86	77.079	24.867	0.06359	26.607	0
"2011-09-12	00:00:00"	5.2208	126.01	75.512	26.224	0.06359	26.609	0
"2011-09-12	01:00:00"	5.7614	114.79	73.846	27.632	0.04452	26.604	0
"2011-09-12	02:00:00"	7.5677	119.89	73.466	28.521	0.07144	26.598	0
"2011-09-12	03:00:00"	6.2939	129.96	71.845	30.204	0.05681	26.592	0
"2011-09-12	04:00:00"	5.962	215.15	70.42	31.455	0.05999	26.589	0
"2011-09-12	05:00:00"	4.5683	213.71	68.643	33.518	0.04409	0	0
"2011-09-12	06:00:00"	3.9227	198.34	67.971	35.069	0.07843	26.592	0
"2011-09-12	07:00:00"	2.9428	213.23	67.181	36.424	0.06275	26.604	0
"2011-09-12	08:00:00"	2.4936	217.19	66.547	37.992	11.315	0	0
"2011-09-12	09:00:00"	3.4927	199.48	70.143	35.113	144.02	26.636	0
"2011-09-12	10:00:00"	5.1785	210.22	77.561	28.066	356.5	26.648	0
"2011-09-12	11:00:00"	6.4014	224.23	84.035	22.404	558.2	26.648	0
"2011-09-12	12:00:00"	10.803	214.41	88.247	18.65	699.89	26.645	0
"2011-09-12	13:00:00"	11.503	216.97	90.899	16.524	857.09	26.624	0
"2011-09-12	14:00:00"	10.228	210.88	92.043	15.516	867.16	26.607	0
"2011-09-12	15:00:00"	8.7899	218.16	93.591	14.764	892.3	26.58	0
"2011-09-12	16:00:00"	8.6464	227.97	94.496	14.199	741.91	26.553	0
"2011-09-12	17:00:00"	7.2651	225.98	94.735	13.945	503.74	26.533	0
"2011-09-12	18:00:00"	8.2133	234.07	94.259	14.181	355.01	26.53	0
"2011-09-12	19:00:00"	6.2622	210.04	93.331	14.565	166.61	26.527	0
"2011-09-12	20:00:00"	3.1081	65.602	91.191	15.546	28.332	26.527	0
"2011-09-12	21:00:00"	2.5576	93.393	88.678	16.755	0.29274	26.539	0
"2011-09-12	22:00:00"	2.8813	24.56	86.769	17.951	0.05851	26.559	0
"2011-09-12	23:00:00"	3.9401	3.1407	86.025	19.501	0.05575	26.574	0
"2011-09-13	00:00:00"	3.1156	32.561	81.873	22.575	0.06656	26.577	0
"2011-09-13	01:00:00"	3.5791	164.67	79.343	24.152	0.06126	26.574	0
"2011-09-13	02:00:00"	3.6021	199.9	73.947	28.081	0.06317	26.577	0
"2011-09-13	03:00:00"	5.1499	185.04	74.958	26.673	0.05617	26.565	0
"2011-09-13	04:00:00"	3.6462	214.37	72.602	28.843	0.07123	26.547	0
"2011-09-13	05:00:00"	4.1918	216.44	71.521	30.012	0.05257	0	0
"2011-09-13	06:00:00"	4.6509	219.1	72.191	30.589	0.05003	0	0
"2011-09-13	07:00:00"	5.9701	199.91	71.063	33.007	0.07589	26.527	0
"2011-09-13	08:00:00"	4.8287	230.77	70.591	33.735	6.235	26.536	0
"2011-09-13	09:00:00"	4.4857	237.36	70.561	34.192	82.017	26.553	0
"2011-09-13	10:00:00"	8.9496	240.12	75.855	29.819	369.03	26.565	0
"2011-09-13	11:00:00"	7.9001	253.4	80.65	24.653	531.98	26.574	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-13	12:00:00"	6.5666	295.57	85.443	19.522	745.8	26.565	0
"2011-09-13	13:00:00"	5.2208	280.87	89.445	16.615	855.27	26.547	0
"2011-09-13	14:00:00"	5.1847	298.17	92.771	14.993	931.44	26.527	0
"2011-09-13	15:00:00"	5.2288	273.08	94.5	14.254	849.25	26.503	0
"2011-09-13	16:00:00"	8.862	241.26	95.298	13.563	701.31	26.485	0
"2011-09-13	17:00:00"	8.0281	239.12	94.175	13.996	379.64	26.462	0
"2011-09-13	18:00:00"	8.675	216.96	95.66	12.767	492.23	26.447	0
"2011-09-13	19:00:00"	6.9643	231.08	94.422	13.249	200.45	26.438	0
"2011-09-13	20:00:00"	2.2637	265.37	91.739	14.543	31.084	26.432	0
"2011-09-13	21:00:00"	1.9095	143.31	88.737	15.302	0.2955	26.444	0
"2011-09-13	22:00:00"	6.0142	6.6435	85.045	20.031	0.03879	26.462	0
"2011-09-13	23:00:00"	3.5375	63.269	81.62	22.609	0.06084	26.468	0
"2011-09-14	00:00:00"	4.5727	122.26	80.12	23.98	0.06444	26.48	0
"2011-09-14	01:00:00"	5.5712	189.96	82.348	22.622	0.04706	26.471	0
"2011-09-14	02:00:00"	6.4436	188.72	81.801	24.039	0.06275	26.459	0
"2011-09-14	03:00:00"	4.82	275.35	79.382	25.969	0.06253	26.471	0
"2011-09-14	04:00:00"	2.7309	212.02	78.392	27.003	0.0566	26.45	0
"2011-09-14	05:00:00"	3.6102	212.2	74.724	30.857	0.05596	0	0
"2011-09-14	06:00:00"	1.3621	214.84	72.465	35.172	0.06105	0	0
"2011-09-14	07:00:00"	3.4002	191.86	72.568	36.202	0.0619	26.447	0
"2011-09-14	08:00:00"	5.5812	231.22	71.134	40.626	5.7381	26.485	0
"2011-09-14	09:00:00"	10.213	266.88	67.21	54.633	113.01	26.494	0
"2011-09-14	10:00:00"	14.092	13.441	69.675	54.326	313.36	26.497	0
"2011-09-14	11:00:00"	12.643	24.639	74.287	46.264	367.03	26.515	0
"2011-09-14	12:00:00"	15.564	27.71	78.981	38.651	628.76	26.506	0
"2011-09-14	13:00:00"	16.882	42.743	82.305	32.975	860.59	26.506	0
"2011-09-14	14:00:00"	14.212	24.377	81.658	34.45	436.57	26.512	0
"2011-09-14	15:00:00"	14.782	23.333	82.762	33.567	781.23	26.5	0
"2011-09-14	16:00:00"	12.11	37.287	82.73	32.227	454.42	26.485	0
"2011-09-14	17:00:00"	11.228	44.834	83.568	29.746	388.85	26.462	0
"2011-09-14	18:00:00"	11.224	43.063	84.025	28.672	361.62	26.456	0
"2011-09-14	19:00:00"	11.451	48.665	82.753	29.432	166.56	26.456	0
"2011-09-14	20:00:00"	9.7841	56.746	81.072	30.379	32.608	26.456	0
"2011-09-14	21:00:00"	8.2506	54.69	78.532	34.781	0.19905	26.483	0
"2011-09-14	22:00:00"	11.105	84.895	75.72	44.162	0.06783	26.485	0
"2011-09-14	23:00:00"	14.172	100.99	69.004	63.156	0.04642	26.5	0
"2011-09-15	00:00:00"	10.527	89.844	68.357	63.414	0.05893	26.509	0
"2011-09-15	01:00:00"	13.62	88.161	66.853	68.662	0.05999	26.506	0
"2011-09-15	02:00:00"	14.71	76.134	65.658	75.24	0.05617	26.485	0
"2011-09-15	03:00:00"	13.225	26.614	62.913	85.477	0.07334	26.524	0.32
"2011-09-15	04:00:00"	15.138	230.9	61.875	89.874	0.06614	26.547	0.13
"2011-09-15	05:00:00"	8.2941	226.56	61.955	89.793	0.085	0	0.18
"2011-09-15	06:00:00"	9.1311	228.18	61.648	90.918	0.06911	0	0.32
"2011-09-15	07:00:00"	10.667	251.52	61.127	92.029	0.07568	26.577	0.31
"2011-09-15	08:00:00"	11.8	213.34	60.735	91.469	1.6927	26.559	0.42

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-15	09:00:00"	10.901	215.14	60.574	90.483	13.624	0	0.09
"2011-09-15	10:00:00"	12.681	104.31	59.435	90.988	47.166	0	0.11
"2011-09-15	11:00:00"	13.379	88.088	59.567	90.538	163.23	26.589	0
"2011-09-15	12:00:00"	11.836	92.364	59.915	87.983	289.67	26.598	0
"2011-09-15	13:00:00"	10.348	95.68	60.475	85.447	372.29	26.589	0
"2011-09-15	14:00:00"	9.5548	94.713	61.758	83.426	273.07	26.568	0
"2011-09-15	15:00:00"	10.181	88.663	61.754	82.227	209.24	26.568	0
"2011-09-15	16:00:00"	9.5598	68.649	60.969	83.911	116.4	26.556	0
"2011-09-15	17:00:00"	9.9979	71.732	60.051	85.336	126.86	26.542	0
"2011-09-15	18:00:00"	10.199	74.914	60.356	84.356	212.13	26.527	0
"2011-09-15	19:00:00"	10.037	87.688	59.904	85.561	102.77	26.527	0
"2011-09-15	20:00:00"	8.5818	89.254	59.782	86.595	22.958	26.515	0
"2011-09-15	21:00:00"	7.7678	75.007	59.306	88.002	0.14224	26.518	0
"2011-09-15	22:00:00"	9.497	74.933	58.66	90.135	0.06402	26.553	0
"2011-09-15	23:00:00"	10.067	75.995	58.244	91.692	0.05533	26.562	0
"2011-09-16	00:00:00"	8.2574	87.527	58.564	90.454	0.0672	26.562	0
"2011-09-16	01:00:00"	6.9475	216.06	58.232	88.665	0.07483	0	0
"2011-09-16	02:00:00"	9.5548	102.97	57.491	88.483	0.06911	26.559	0
"2011-09-16	03:00:00"	10.484	225	57.31	86.957	0.06359	0	0.4
"2011-09-16	04:00:00"	4.2695	189.83	56.977	92.277	0.05617	26.592	0.09
"2011-09-16	05:00:00"	7.4695	211.95	56.86	92.178	0.0797	26.536	0
"2011-09-16	06:00:00"	9.6151	212.25	56.681	91.342	0.04558	26.509	0
"2011-09-16	07:00:00"	5.9353	233	56.33	90.723	0.07271	26.527	0
"2011-09-16	08:00:00"	3.041	229.04	55.336	91.564	8.0722	26.533	0
"2011-09-16	09:00:00"	1.6156	231.22	55.94	91.301	90.659	0	0
"2011-09-16	10:00:00"	5.652	210.36	57.823	90.581	129.33	26.556	0
"2011-09-16	11:00:00"	6.7978	211.87	60.391	88.257	185.86	26.571	0
"2011-09-16	12:00:00"	8.4413	208.17	62.441	84.538	330.72	26.553	0
"2011-09-16	13:00:00"	8.4698	202.56	65.252	79.276	555.56	26.539	0
"2011-09-16	14:00:00"	5.8595	199.37	68.747	70.623	931.57	26.53	0
"2011-09-16	15:00:00"	6.6512	184.53	73.408	60.547	874.09	26.509	0
"2011-09-16	16:00:00"	6.2311	167.53	76.472	52.428	790.5	26.488	0
"2011-09-16	17:00:00"	7.9038	172.49	77.613	52.589	656.19	26.483	0
"2011-09-16	18:00:00"	6.5611	182.07	78.71	49.15	456.57	26.468	0
"2011-09-16	19:00:00"	6.0012	167.85	78.924	48.056	250.65	26.465	0
"2011-09-16	20:00:00"	5.0287	168.25	77.096	51.383	60.46	26.453	0
"2011-09-16	21:00:00"	4.1489	169.75	72.205	64.074	0.30037	26.474	0
"2011-09-16	22:00:00"	3.8009	154.28	70.577	68.358	0.05787	26.485	0
"2011-09-16	23:00:00"	4.4385	151.67	70.491	68.231	0.07101	26.497	0
"2011-09-17	00:00:00"	5.5799	161.45	70.059	71.248	0.06508	26.5	0
"2011-09-17	01:00:00"	7.2122	175.08	69.814	73.986	0.04473	26.494	0
"2011-09-17	02:00:00"	4.1986	172.64	68.43	77.735	0.05829	26.488	0
"2011-09-17	03:00:00"	4.8094	181.92	67.129	81.976	0.05427	26.491	0
"2011-09-17	04:00:00"	5.4482	208.15	66.323	84.024	0.04558	26.485	0
"2011-09-17	05:00:00"	5.4538	218.86	65.652	86.284	0.0619	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-17	06:00:00"	6.7984	213.92	65.332	88.676	0.06614	0	0
"2011-09-17	07:00:00"	4.7038	221.48	64.565	90.519	0.05575	26.48	0
"2011-09-17	08:00:00"	5.3842	222.02	64.141	91.383	11.95	0	0
"2011-09-17	09:00:00"	6.3821	220.5	65.764	91.536	108.88	26.506	0
"2011-09-17	10:00:00"	7.8367	234.46	68.231	85.947	340.25	26.512	0
"2011-09-17	11:00:00"	9.5778	247.49	73.822	64.462	558.51	26.527	0
"2011-09-17	12:00:00"	10.026	242.08	79.242	48.938	721.27	26.53	0
"2011-09-17	13:00:00"	8.4544	230.79	82.932	41.393	836.19	26.512	0
"2011-09-17	14:00:00"	8.3376	257.7	85.506	33.947	909.73	26.491	0
"2011-09-17	15:00:00"	6.6549	259.97	87.11	28.255	770.83	26.468	0
"2011-09-17	16:00:00"	8.1188	282.85	86.043	29.512	507.61	26.45	0
"2011-09-17	17:00:00"	8.2021	272.17	87.209	27.793	574.99	26.441	0
"2011-09-17	18:00:00"	12.106	219.57	86.932	28.144	490.29	26.432	0
"2011-09-17	19:00:00"	11.18	191.55	84.833	30.401	254.91	26.423	0
"2011-09-17	20:00:00"	7.326	185.17	81.368	30.988	62.892	26.429	0
"2011-09-17	21:00:00"	4.0992	178.09	75.25	41.603	0.29062	26.438	0
"2011-09-17	22:00:00"	2.7875	229.88	73.395	45.735	0.06571	26.465	0
"2011-09-17	23:00:00"	3.3417	222.21	71.239	52.817	0.07017	26.474	0
"2011-09-18	00:00:00"	3.2541	222.61	68.98	61.723	0.085	26.474	0
"2011-09-18	01:00:00"	3.2889	228.19	68.158	64.455	0.0619	26.477	0
"2011-09-18	02:00:00"	3.8301	215.9	66.987	68.996	0.04409	26.48	0
"2011-09-18	03:00:00"	3.8245	230.27	66.184	71.973	0.05575	26.485	0
"2011-09-18	04:00:00"	4.4068	230.33	64.512	77.312	0.05681	26.494	0
"2011-09-18	05:00:00"	6.008	237.78	64.277	79.453	0.05766	26.503	0
"2011-09-18	06:00:00"	6.7636	226.28	65.239	80.635	0.05893	0	0
"2011-09-18	07:00:00"	4.2483	239.47	63.548	84.912	0.05957	0	0
"2011-09-18	08:00:00"	2.7676	237.03	61.968	88.2	7.1081	0	0
"2011-09-18	09:00:00"	2.4209	291.81	64.303	89.073	138.14	26.565	0
"2011-09-18	10:00:00"	9.9892	11.429	69.766	55.012	354	26.574	0
"2011-09-18	11:00:00"	10.561	23.601	71.747	49.34	563.16	26.583	0
"2011-09-18	12:00:00"	10.812	22.191	74.915	46.787	732.01	26.592	0
"2011-09-18	13:00:00"	10.13	24.325	77.829	41.536	846.65	26.58	0
"2011-09-18	14:00:00"	9.7934	19.918	80.371	35.028	895.56	26.571	0
"2011-09-18	15:00:00"	8.0716	9.4097	81.948	29.735	877.94	26.559	0
"2011-09-18	16:00:00"	7.7261	13.523	83.595	24.802	796.38	26.545	0
"2011-09-18	17:00:00"	8.1424	356.68	84.227	23.625	654.33	26.536	0
"2011-09-18	18:00:00"	7.9691	16.613	83.743	23.893	465.03	26.533	0
"2011-09-18	19:00:00"	7.3856	3.8382	83.178	24.61	249.62	26.539	0
"2011-09-18	20:00:00"	5.7092	14.967	80.292	27.914	60.991	26.545	0
"2011-09-18	21:00:00"	4.3602	28.162	72.772	41.779	0.27409	26.55	0
"2011-09-18	22:00:00"	4.9256	35.731	69.365	49.058	0.05893	26.568	0
"2011-09-18	23:00:00"	4.8504	42.274	67.961	52.091	0.04664	26.574	0
"2011-09-19	00:00:00"	3.9836	62.587	64.967	60.786	0.09052	26.574	0
"2011-09-19	01:00:00"	3.9059	56.464	63.816	62.517	0.06847	26.58	0
"2011-09-19	02:00:00"	4.5124	40.697	62.807	64.2	0.07843	26.583	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-19	03:00:00"	5.634	49.673	62.029	65.253	0.06338	26.595	0
"2011-09-19	04:00:00"	5.1903	62.55	61.378	65.06	0.0655	26.601	0
"2011-09-19	05:00:00"	5.6489	62.72	60.614	65.549	0.07674	26.592	0
"2011-09-19	06:00:00"	6.0565	222.64	59.666	66.147	0.07017	0	0
"2011-09-19	07:00:00"	6.1826	56.442	58.451	69.308	0.06402	26.612	0
"2011-09-19	08:00:00"	5.7794	222.59	57.397	71.467	11.598	0	0
"2011-09-19	09:00:00"	5.6967	85.652	60.416	64.53	144.84	26.657	0
"2011-09-19	10:00:00"	7.9896	101.51	66.974	48.683	358.08	26.672	0
"2011-09-19	11:00:00"	8.4189	127.13	71.557	41.909	566.55	26.677	0
"2011-09-19	12:00:00"	9.1689	143.48	75.401	37.781	735.51	26.672	0
"2011-09-19	13:00:00"	7.7087	156.64	78.848	31.182	850.38	26.657	0
"2011-09-19	14:00:00"	5.8347	158.66	81.333	27.462	899.87	26.63	0
"2011-09-19	15:00:00"	5.5085	155.24	83.417	22.196	883.04	26.601	0
"2011-09-19	16:00:00"	6.6741	143.47	84.656	19.287	799.96	26.577	0
"2011-09-19	17:00:00"	6.6978	150.65	85.201	20.095	654.11	26.553	0
"2011-09-19	18:00:00"	7.1862	153.27	85.415	19.084	462.68	26.547	0
"2011-09-19	19:00:00"	7.0936	144.03	84.648	19.719	246.54	26.539	0
"2011-09-19	20:00:00"	5.7141	139.38	81.359	23.008	56.215	26.542	0
"2011-09-19	21:00:00"	6.1503	129.62	75.735	29.912	0.20117	26.542	0
"2011-09-19	22:00:00"	6.6288	128.85	73.18	33.524	0.07292	26.553	0
"2011-09-19	23:00:00"	7.8137	128.41	72.264	34.959	0.06275	26.55	0
"2011-09-20	00:00:00"	7.974	131.1	71.497	35.369	0.05745	26.539	0
"2011-09-20	01:00:00"	7.8187	134.2	70.521	35.654	0.06783	26.536	0
"2011-09-20	02:00:00"	8.6346	150.3	69.668	33.781	0.06805	26.53	0
"2011-09-20	03:00:00"	6.9289	158.64	67.421	36.091	0.06953	26.524	0
"2011-09-20	04:00:00"	5.0809	171.42	64.881	39.629	0.06762	26.515	0
"2011-09-20	05:00:00"	3.6847	180.12	62.393	44.224	0.05088	26.509	0
"2011-09-20	06:00:00"	3.3461	218.56	60.939	47.121	0.06635	0	0
"2011-09-20	07:00:00"	3.5592	191.58	60.841	46.623	0.05681	26.503	0
"2011-09-20	08:00:00"	5.5892	214.64	61.279	45.966	10.561	0	0
"2011-09-20	09:00:00"	7.9821	179.86	66.111	39.761	135.17	26.521	0
"2011-09-20	10:00:00"	10.257	185.64	72.278	33.442	363.7	26.518	0
"2011-09-20	11:00:00"	11.697	199.33	77.471	30.531	560.21	26.542	0
"2011-09-20	12:00:00"	9.8618	213.34	79.774	29.45	622.2	26.518	0
"2011-09-20	13:00:00"	9.5716	194.45	81.477	28.02	400.61	26.5	0
"2011-09-20	14:00:00"	9.0739	216.09	85.059	24.85	920.33	26.477	0
"2011-09-20	15:00:00"	8.7644	228.19	87.573	21.955	843.41	26.45	0
"2011-09-20	16:00:00"	8.1623	222.3	88.923	20.578	659.12	26.423	0
"2011-09-20	17:00:00"	8.1219	244.68	90.258	19.316	667.49	26.409	0
"2011-09-20	18:00:00"	7.6242	225.6	90.637	17.847	463.57	26.403	0
"2011-09-20	19:00:00"	6.3871	234.02	89.799	18.652	211.39	26.4	0
"2011-09-20	20:00:00"	7.2688	216.81	86.18	22.228	47.755	26.406	0
"2011-09-20	21:00:00"	3.8071	221.64	79.048	30.946	0.15326	26.412	0
"2011-09-20	22:00:00"	2.803	238.7	77.156	32.953	0.05851	26.429	0
"2011-09-20	23:00:00"	3.727	173.72	76.013	33.151	0.05193	26.438	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-21	00:00:00"	6.0155	160.68	74.03	34.604	0.04812	26.444	0
"2011-09-21	01:00:00"	3.855	229.83	72.03	37.679	0.06699	26.468	0
"2011-09-21	02:00:00"	3.658	197.77	70.726	41.319	0.07292	26.45	0
"2011-09-21	03:00:00"	3.9904	183.43	68.987	44.789	0.06932	26.447	0
"2011-09-21	04:00:00"	3.75	207.02	67.86	46.972	0.06762	26.432	0
"2011-09-21	05:00:00"	3.9277	320.95	66.602	50.191	0.05533	26.438	0
"2011-09-21	06:00:00"	9.3032	268.16	61.918	61.794	0.06211	0	0
"2011-09-21	07:00:00"	10.309	343.92	60.276	63.829	0.05617	26.485	0
"2011-09-21	08:00:00"	10.036	231.93	59.465	63.001	8.1667	0	0
"2011-09-21	09:00:00"	13.487	346.44	60.203	58.016	133.07	26.512	0
"2011-09-21	10:00:00"	15.121	16.34	63.646	50.493	313.86	26.53	0
"2011-09-21	11:00:00"	13.776	20.527	67.905	44.662	556.2	26.553	0
"2011-09-21	12:00:00"	11.105	16.284	71.887	39.525	724.76	26.562	0
"2011-09-21	13:00:00"	9.2367	4.9767	75.852	34.84	852.35	26.553	0
"2011-09-21	14:00:00"	8.419	359.57	79.066	30.994	901.77	26.542	0
"2011-09-21	15:00:00"	7.7721	352.71	80.988	28.812	829.75	26.521	0
"2011-09-21	16:00:00"	5.3264	326.92	83.323	26.408	782.65	26.497	0
"2011-09-21	17:00:00"	6.1938	343.7	84.632	25.087	637.69	26.48	0
"2011-09-21	18:00:00"	5.3208	3.5678	85.197	23.84	449.06	26.471	0
"2011-09-21	19:00:00"	2.9776	333.58	85.615	22.893	235.74	26.471	0
"2011-09-21	20:00:00"	1.6019	349.57	83.859	24.811	47.2	26.48	0
"2011-09-21	21:00:00"	3.1833	41.261	79.019	30.239	0.06317	26.485	0
"2011-09-21	22:00:00"	4.1694	47.769	72.945	40.31	0.05321	26.5	0
"2011-09-21	23:00:00"	3.8308	56.043	71.331	43.753	0.06317	26.506	0
"2011-09-22	00:00:00"	5.6184	82.447	71.023	44.931	0.07589	26.518	0
"2011-09-22	01:00:00"	5.8291	186.8	69.221	46.234	0.05681	26.533	0
"2011-09-22	02:00:00"	5.5731	211.94	66.759	51.656	0.07123	26.521	0
"2011-09-22	03:00:00"	5.2071	203.98	66.18	53.48	0.07186	26.527	0
"2011-09-22	04:00:00"	6.3827	210.34	65.804	54.325	0.07398	26.527	0
"2011-09-22	05:00:00"	7.1812	213.26	65.056	57.163	0.06995	26.533	0
"2011-09-22	06:00:00"	6.5269	212.17	65.302	56.558	0.06063	0	0
"2011-09-22	07:00:00"	12.069	51.478	60.385	60.333	0.06296	26.571	0
"2011-09-22	08:00:00"	15.623	224.25	57.57	60.109	8.3439	0	0
"2011-09-22	09:00:00"	17.401	64.36	56.485	56.028	68.606	26.615	0
"2011-09-22	10:00:00"	16.699	82.886	56.518	54.366	306.99	26.639	0
"2011-09-22	11:00:00"	16.328	60.724	58.151	54.881	341.91	26.674	0
"2011-09-22	12:00:00"	13.1	54.772	60.308	55.011	567.7	26.692	0
"2011-09-22	13:00:00"	13.222	63.59	62.099	54.824	774.84	26.683	0
"2011-09-22	14:00:00"	12.225	61.002	64.49	53.029	745.47	26.669	0
"2011-09-22	15:00:00"	11.203	70	67.086	49.113	830.4	26.648	0
"2011-09-22	16:00:00"	8.4332	86.912	69.603	45.517	771.24	26.633	0
"2011-09-22	17:00:00"	5.6265	88.535	71.483	43.051	627.24	26.615	0
"2011-09-22	18:00:00"	5.936	102.6	72.409	41.763	434.33	26.607	0
"2011-09-22	19:00:00"	5.0853	88.452	72.34	41.958	221.19	26.609	0
"2011-09-22	20:00:00"	4.5037	65.559	70.648	45.008	44.721	26.609	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-22	21:00:00"	3.4548	43.327	65.846	54.586	0.10599	26.618	0
"2011-09-22	22:00:00"	3.284	63.121	62.97	61.192	0.06338	26.648	0
"2011-09-22	23:00:00"	3.9737	44.925	61.026	65.784	0.06169	26.66	0
"2011-09-23	00:00:00"	4.0321	53.165	59.506	69.001	0.03943	26.663	0
"2011-09-23	01:00:00"	4.1818	86.964	58.995	69.498	0.0477	26.66	0
"2011-09-23	02:00:00"	4.6609	100.01	59.41	67.553	0.09391	26.651	0
"2011-09-23	03:00:00"	3.1006	59.456	56.873	73.611	0.07334	26.648	0
"2011-09-23	04:00:00"	3.855	47.824	55.394	77.403	0.05829	26.645	0
"2011-09-23	05:00:00"	3.2342	204.12	54.23	80.533	0.07801	0	0
"2011-09-23	06:00:00"	3.7854	230.2	54.707	77.98	0.07186	0	0
"2011-09-23	07:00:00"	3.2858	257.39	53.759	81.066	0.05851	0	0
"2011-09-23	08:00:00"	2.7545	224.14	56.197	75.275	7.528	0	0
"2011-09-23	09:00:00"	2.3202	236.1	55.951	78.375	133.05	26.666	0
"2011-09-23	10:00:00"	3.2703	218.55	61.397	68.627	350.88	26.672	0
"2011-09-23	11:00:00"	4.9679	226.19	67.065	54.648	563.17	26.677	0
"2011-09-23	12:00:00"	4.0072	295.37	70.895	45.361	731.24	26.663	0
"2011-09-23	13:00:00"	3.2678	267.99	73.598	35.151	849.55	26.651	0
"2011-09-23	14:00:00"	4.0464	315.37	76.963	28.227	901.48	26.627	0
"2011-09-23	15:00:00"	3.973	288.67	79.383	24.752	882.27	26.601	0
"2011-09-23	16:00:00"	3.9215	283	81.766	21.674	790.07	26.577	0
"2011-09-23	17:00:00"	3.6419	77.409	83.657	18.39	643.73	26.562	0
"2011-09-23	18:00:00"	3.9296	94.046	84.493	16.464	450.51	26.55	0
"2011-09-23	19:00:00"	5.0548	174.76	83.243	20.813	231.58	26.547	0
"2011-09-23	20:00:00"	4.5273	164.57	78.712	25.489	48.383	26.542	0
"2011-09-23	21:00:00"	4.5497	147.67	72.431	31.46	0.0619	26.545	0
"2011-09-23	22:00:00"	3.4051	148.78	70.53	32.981	0.09581	26.559	0
"2011-09-23	23:00:00"	4.1327	151.93	68.744	35.503	0.07504	26.565	0
"2011-09-24	00:00:00"	5.0319	161.75	65.708	42.6	0.0831	26.559	0
"2011-09-24	01:00:00"	3.1398	223.83	63.518	47.121	0.05109	26.559	0
"2011-09-24	02:00:00"	3.1945	224.72	62.792	48.003	0.07504	26.542	0
"2011-09-24	03:00:00"	1.8169	224.16	61.994	48.103	0.05872	26.533	0
"2011-09-24	04:00:00"	2.7987	243.58	61.792	48.108	0.06953	26.518	0
"2011-09-24	05:00:00"	3.5853	249.73	59.939	54.05	0.0566	26.509	0
"2011-09-24	06:00:00"	3.7487	240.42	59.15	55.576	0.0831	0	0
"2011-09-24	07:00:00"	3.0478	234.63	56.656	61.885	0.05957	26.497	0
"2011-09-24	08:00:00"	3.0982	233.02	57.359	58.627	7.7572	0	0
"2011-09-24	09:00:00"	3.0845	242.01	60.792	53.842	132.6	26.509	0
"2011-09-24	10:00:00"	8.0113	219.88	71.551	38.6	345.19	26.515	0
"2011-09-24	11:00:00"	10.046	220.56	78.592	26.321	554.98	26.521	0
"2011-09-24	12:00:00"	9.2479	227.22	82.669	20.653	724.99	26.509	0
"2011-09-24	13:00:00"	7.6155	254.04	86.524	16.851	837.52	26.491	0
"2011-09-24	14:00:00"	5.9614	297.53	89.127	14.258	887.29	26.456	0
"2011-09-24	15:00:00"	7.111	284.93	91.363	12.433	871.04	26.423	0
"2011-09-24	16:00:00"	7.3216	291.04	92.886	11.303	784.67	26.403	0
"2011-09-24	17:00:00"	7.7479	276.37	93.32	11.003	636.49	26.388	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-24	18:00:00"	7.7584	273.6	93.416	10.358	444.72	26.376	0
"2011-09-24	19:00:00"	7.7852	286.06	92.57	8.9414	231.8	26.37	0
"2011-09-24	20:00:00"	3.6232	268.51	88.526	10.667	47.066	26.364	0
"2011-09-24	21:00:00"	1.3478	220.98	80.948	14.268	0.05639	26.367	0
"2011-09-24	22:00:00"	1.5938	252.95	76.883	16.992	0.06508	26.373	0
"2011-09-24	23:00:00"	1.1781	224.25	74.606	19.039	0.05236	26.37	0
"2011-09-25	00:00:00"	2.1711	245.05	72.601	21.724	0.04664	26.364	0
"2011-09-25	01:00:00"	2.7513	242.74	71.319	24.684	0.05665	26.35	0
"2011-09-25	02:00:00"	2.8701	240.75	69.219	27.582	0.05109	26.341	0
"2011-09-25	03:00:00"	3.7593	261.86	69.811	26.61	0.06211	26.338	0
"2011-09-25	04:00:00"	3.6338	250.72	68.362	27.921	0.04706	26.332	0
"2011-09-25	05:00:00"	2.8322	241.56	66.341	29.08	0.05999	26.326	0
"2011-09-25	06:00:00"	2.8751	238.18	65.607	29.073	0.06805	26.332	0
"2011-09-25	07:00:00"	5.0219	235.74	65.5	28.487	0.07165	0	0
"2011-09-25	08:00:00"	9.0913	287.99	68.633	23.838	6.9883	26.347	0
"2011-09-25	09:00:00"	5.816	225	67.28	25.4	134.48	26.347	0
"2011-09-25	10:00:00"	5.816	225	67.28	25.4	350.63	26.347	0
"2011-09-25	11:00:00"	5.816	225	67.28	25.4	561.7	26.347	0
"2011-09-25	12:00:00"	5.816	225	67.28	25.4	732.63	26.347	0
"2011-09-25	13:00:00"	5.816	225	67.28	25.4	847.2	26.347	0
"2011-09-25	14:00:00"	5.816	225	67.28	25.4	895.06	26.347	0
"2011-09-25	15:00:00"	5.816	225	67.28	25.4	877.21	26.347	0
"2011-09-25	16:00:00"	5.816	225	67.28	25.4	794.5	26.347	0
"2011-09-25	17:00:00"	5.816	225	67.28	25.4	649.76	26.347	0
"2011-09-25	18:00:00"	5.816	225	67.28	25.4	451.98	26.347	0
"2011-09-25	19:00:00"	5.816	225	67.28	25.4	223.14	26.347	0
"2011-09-25	20:00:00"	5.816	225	67.28	25.4	43.655	26.347	0
"2011-09-25	21:00:00"	5.816	225	67.28	25.4	0.04812	26.347	0
"2011-09-25	22:00:00"	5.816	225	67.28	25.4	0.05639	26.347	0
"2011-09-25	23:00:00"	5.816	225	67.28	25.4	0.08924	26.347	0
"2011-09-26	00:00:00"	5.816	225	67.28	25.4	0.06359	26.347	0
"2011-09-26	01:00:00"	5.816	225	67.28	25.4	0.04367	26.347	0
"2011-09-26	02:00:00"	5.816	225	67.28	25.4	0.04727	26.347	0
"2011-09-26	03:00:00"	5.816	225	67.28	25.4	0.0477	26.347	0
"2011-09-26	04:00:00"	5.816	225	67.28	25.4	0.03731	26.347	0
"2011-09-26	05:00:00"	5.816	225	67.28	25.4	0.04303	26.347	0
"2011-09-26	06:00:00"	4.6615	227.61	64.725	34.294	0.05511	26.335	0
"2011-09-26	07:00:00"	2.094	231.56	57.704	60.359	0.07123	26.338	0
"2011-09-26	08:00:00"	4.5242	226.39	56.604	63.005	5.4899	26.347	0
"2011-09-26	09:00:00"	4.2477	34.136	59.102	60.089	127.5	26.373	0
"2011-09-26	10:00:00"	2.9099	135.54	68.521	42.958	337.2	26.4	0
"2011-09-26	11:00:00"	2.4681	310.01	75.824	29.05	542.21	26.409	0
"2011-09-26	12:00:00"	6.1806	274.06	82.501	20.703	729.68	26.406	0
"2011-09-26	13:00:00"	6.6766	278.18	87.283	16.556	828.85	26.391	0
"2011-09-26	14:00:00"	8.1306	286.31	91.397	12.163	880.48	26.373	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-26	15:00:00"	8.9248	263.27	93.17	10.623	861.46	26.356	0
"2011-09-26	16:00:00"	7.7336	275.28	94.074	9.3539	788.64	26.344	0
"2011-09-26	17:00:00"	7.5136	240.99	94.456	8.7492	649.38	26.335	0
"2011-09-26	18:00:00"	6.2765	240.91	93.399	9.1056	321.22	26.335	0
"2011-09-26	19:00:00"	3.7686	295.09	92.807	9.4514	217.69	26.338	0
"2011-09-27	10:00:00"	4.3061	14.571	67.206	48.748	351.18	26.474	0
"2011-09-27	11:00:00"	4.3695	350.38	72.81	39.942	544.81	26.491	0
"2011-09-27	12:00:00"	3.2467	343.09	78.929	29.973	711.66	26.494	0
"2011-09-27	13:00:00"	4.7846	340.33	83.171	25.017	825.39	26.488	0
"2011-09-27	14:00:00"	3.8687	315.5	87.261	19.854	872.46	26.474	0
"2011-09-27	15:00:00"	4.0725	32.51	89.98	16.78	850.52	26.444	0
"2011-09-27	16:00:00"	5.5159	4.7185	91.988	15.044	759.32	26.429	0
"2011-09-27	17:00:00"	5.716	57.776	92.929	12.802	633.13	26.418	0
"2011-09-27	18:00:00"	7.1638	65.768	93.234	12.09	510.4	26.412	0
"2011-09-27	19:00:00"	7.6497	70.237	90.721	13.265	184.19	26.415	0
"2011-09-27	20:00:00"	4.4962	60.113	84.947	17.979	30.656	26.423	0
"2011-09-27	21:00:00"	4.6845	225	80.285	21.241	0.06211	0	0
"2011-09-27	22:00:00"	7.0557	219.17	79.065	24.264	0.06041	26.45	0
"2011-09-27	23:00:00"	6.7108	225	79.34	24.2	0.05024	26.45	0
"2011-09-28	00:00:00"	6.7108	225	79.34	24.2	0.06296	26.45	0
"2011-09-28	01:00:00"	6.7108	225	79.34	24.2	0.06995	26.45	0
"2011-09-28	02:00:00"	6.7108	225	79.34	24.2	0.06868	26.45	0
"2011-09-28	03:00:00"	6.7108	225	79.34	24.2	0.06359	26.45	0
"2011-09-28	04:00:00"	6.7108	225	79.34	24.2	0.07229	26.45	0
"2011-09-28	05:00:00"	6.7108	225	79.34	24.2	0.05236	26.45	0
"2011-09-28	06:00:00"	6.7108	225	79.34	24.2	0.06147	26.45	0
"2011-09-28	07:00:00"	6.7108	225	79.34	24.2	0.05914	26.45	0
"2011-09-28	08:00:00"	6.6922	225	79.208	24.133	4.25	0	0
"2011-09-28	09:00:00"	5.8974	55.814	63.397	68.709	120.22	26.485	0
"2011-09-28	10:00:00"	3.932	87.097	73.26	46.699	327.66	26.491	0
"2011-09-28	11:00:00"	3.5337	71.142	80.807	30.997	534.26	26.494	0
"2011-09-28	12:00:00"	5.5352	45.639	84.249	27.049	700.74	26.497	0
"2011-09-28	13:00:00"	6.5294	90.806	86.418	25.359	809.47	26.494	0
"2011-09-28	14:00:00"	6.3585	87.719	88.087	23.49	855.29	26.474	0
"2011-09-28	15:00:00"	6.7854	49.842	89.479	21.492	832.8	26.447	0
"2011-09-28	16:00:00"	5.7284	90.191	91.053	18.179	733.25	26.423	0
"2011-09-28	17:00:00"	4.5447	63.224	91.109	15.253	460.72	26.412	0
"2011-09-28	18:00:00"	4.5192	158.25	90.576	14.854	214.88	26.418	0
"2011-09-28	19:00:00"	9.4256	228.49	83.133	24.673	103.92	26.432	0.03
"2011-09-28	20:00:00"	7.1855	221.24	78.014	35.127	35.762	26.432	0
"2011-09-28	21:00:00"	6.7108	225	77.9	35	0.05511	26.432	0
"2011-09-28	22:00:00"	6.7108	225	77.9	35	0.06359	26.432	0
"2011-09-28	23:00:00"	6.7108	225	77.9	35	0.05617	26.432	0
"2011-09-29	00:00:00"	6.7108	225	77.9	35	0.05914	26.432	0
"2011-09-29	01:00:00"	6.7108	225	77.9	35	0.05702	26.432	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-09-29	02:00:00"	6.7108	225	77.9	35	0.05639	26.432	0
"2011-09-29	03:00:00"	6.7108	225	77.9	35	0.05299	26.432	0
"2011-09-29	04:00:00"	6.7108	225	77.9	35	0.06296	26.432	0
"2011-09-29	05:00:00"	6.7108	225	77.9	35	0.07038	26.432	0
"2011-09-29	06:00:00"	6.7108	225	77.9	35	0.04939	26.432	0
"2011-09-29	07:00:00"	6.7108	225	77.9	35	0.04409	26.432	0
"2011-09-29	08:00:00"	6.6922	225	77.773	34.903	4.2493	0	0
"2011-09-29	09:00:00"	3.5157	299.48	64.856	60.312	113.19	26.497	0
"2011-09-29	10:00:00"	4.4801	287.42	70.445	51.06	314.56	26.509	0
"2011-09-29	11:00:00"	4.4055	302.25	77.117	39.851	515.9	26.518	0
"2011-09-29	12:00:00"	4.2272	293.98	85.451	23.981	688.46	26.524	0
"2011-09-29	13:00:00"	4.0992	313.15	89.007	18.148	802.19	26.521	0
"2011-09-29	14:00:00"	6.2802	63.106	90.667	15.905	733.35	26.5	0
"2011-09-29	15:00:00"	6.9096	77.983	90.472	15.689	573.78	26.477	0
"2011-09-29	16:00:00"	10.167	19.971	85.732	23.205	337.56	26.48	0.03
"2011-09-29	17:00:00"	3.2436	243.86	83.758	25.381	225.33	26.471	0
"2011-09-29	18:00:00"	11.133	24.531	86.142	21.103	318.75	26.471	0
"2011-09-29	19:00:00"	2.4209	27.722	83.927	20.281	57.071	0	0
"2011-09-29	20:00:00"	5.0486	267.19	77.802	30.957	8.4663	26.491	0
"2011-09-29	21:00:00"	7.8326	19.934	78.559	27.56	0.07856	26.553	0
"2011-09-29	22:00:00"	9.8425	225	79.88	26.8	0.05978	26.553	0
"2011-09-29	23:00:00"	9.8425	225	79.88	26.8	0.05681	26.553	0.03
"2011-09-30	00:00:00"	9.8425	225	79.88	26.8	0.06487	26.553	0
"2011-09-30	01:00:00"	9.8425	225	79.88	26.8	0.07949	26.553	0
"2011-09-30	02:00:00"	9.8425	225	79.88	26.8	0.06317	26.553	0
"2011-09-30	03:00:00"	9.8425	225	79.88	26.8	0.0602	26.553	0
"2011-09-30	04:00:00"	9.8425	225	79.88	26.8	0.06253	26.553	0
"2011-09-30	05:00:00"	9.8425	225	79.88	26.8	0.08564	26.553	0
"2011-09-30	06:00:00"	9.8425	225	79.88	26.8	0.0708	26.553	0
"2011-09-30	07:00:00"	9.8425	225	79.88	26.8	0.07144	26.553	0
"2011-09-30	09:00:00"	13.272	42.96	57.79	40.795	157.47	26.731	0
"2011-09-30	10:00:00"	16.688	50.549	60.943	31.738	311.07	26.739	0
"2011-09-30	11:00:00"	16.221	61.737	63.957	26.303	519.38	26.742	0
"2011-09-30	12:00:00"	13.825	67.098	66.574	23.495	688.57	26.748	0
"2011-09-30	13:00:00"	12.609	67.137	69.328	21.111	797.79	26.734	0
"2011-09-30	14:00:00"	10.527	72.878	71.821	19.648	849.45	26.719	0
"2011-09-30	15:00:00"	8.2089	61.548	73.279	19.486	833.04	26.686	0
"2011-09-30	16:00:00"	7.3732	82.479	74.781	18.658	749.49	26.669	0
"2011-09-30	17:00:00"	7.892	88.781	75.948	18.105	604.59	26.645	0
"2011-09-30	18:00:00"	7.1905	83.842	76.365	18.094	412.48	26.627	0
"2011-09-30	19:00:00"	7.0078	86.383	75.91	18.402	199.55	26.621	0
"2011-09-30	20:00:00"	5.2816	103.23	72.386	21.111	29.608	26.621	0
"2011-09-30	21:00:00"	4.6976	225	69.44	24	0.05872	26.621	0
"2011-09-30	22:00:00"	4.6976	225	69.44	24	0.06105	26.621	0
"2011-09-30	23:00:00"	4.6976	225	69.44	24	0.0814	26.621	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-01	00:00:00"	4.6976	225	69.44	24	0.06465	26.621	0
"2011-10-01	01:00:00"	4.6976	225	69.44	24	0.08416	26.621	0
"2011-10-01	02:00:00"	4.6976	225	69.44	24	0.07546	26.621	0
"2011-10-01	03:00:00"	4.6976	225	69.44	24	0.05787	26.621	0
"2011-10-01	04:00:00"	4.6976	225	69.44	24	0.06826	26.621	0
"2011-10-01	05:00:00"	4.6976	225	69.44	24	0.06974	26.621	0
"2011-10-01	06:00:00"	4.6976	225	69.44	24	0.06529	26.621	0
"2011-10-01	07:00:00"	4.6976	225	69.44	24	0.07377	26.621	0
"2011-10-01	08:00:00"	4.6845	225	69.336	23.933	3.7171	0	0
"2011-10-01	09:00:00"	5.4295	141.23	60.511	26.336	111.23	26.674	0
"2011-10-01	10:00:00"	6.1882	119.69	64.563	24.774	316.61	26.686	0
"2011-10-01	11:00:00"	8.3407	153.02	70.348	19.757	520.1	26.689	0
"2011-10-01	12:00:00"	8.9856	173.13	74.243	19.313	687.95	26.683	0
"2011-10-01	13:00:00"	8.4047	177.48	77.055	18.473	803.24	26.669	0
"2011-10-01	14:00:00"	8.1567	172.02	78.622	20.285	849.49	26.651	0
"2011-10-01	15:00:00"	7.6273	194.27	80.073	20.036	827.76	26.627	0
"2011-10-01	16:00:00"	7.7112	171.43	81.889	19.713	739.79	26.615	0
"2011-10-01	17:00:00"	7.7137	158.84	82.276	20.368	592.77	26.601	0
"2011-10-01	18:00:00"	8.2611	164.55	82.392	21.032	401.53	26.592	0
"2011-10-01	19:00:00"	8.4264	154.08	81.559	21.549	191	26.592	0
"2011-10-01	20:00:00"	5.0741	149.91	76.939	25.414	26.996	26.589	0
"2011-10-01	21:00:00"	4.9213	225	73.4	29	0.0708	26.589	0
"2011-10-01	22:00:00"	4.9213	225	73.4	29	0.0708	26.589	0
"2011-10-01	23:00:00"	4.9213	225	73.4	29	0.03837	26.589	0
"2011-10-02	00:00:00"	4.9213	225	73.4	29	0.04324	26.589	0
"2011-10-02	01:00:00"	4.9213	225	73.4	29	0.05215	26.589	0
"2011-10-02	02:00:00"	4.9213	225	73.4	29	0.0602	26.589	0
"2011-10-02	03:00:00"	4.9213	225	73.4	29	0.06635	26.589	0
"2011-10-02	04:00:00"	4.9213	225	73.4	29	0.04176	26.589	0
"2011-10-02	05:00:00"	4.9213	225	73.4	29	0.06762	26.589	0
"2011-10-02	06:00:00"	4.9213	225	73.4	29	0.06232	26.589	0
"2011-10-02	07:00:00"	4.9213	225	73.4	29	0.05681	26.589	0
"2011-10-02	08:00:00"	4.9076	225	73.285	28.919	3.7527	0	0
"2011-10-02	09:00:00"	4.2309	104.52	59.277	45.888	110.11	26.645	0
"2011-10-02	10:00:00"	6.7891	163.64	67.982	39.238	314.34	26.657	0
"2011-10-02	11:00:00"	7.9784	190.09	73.51	35.085	516.8	26.666	0
"2011-10-02	12:00:00"	10.019	190.38	77.587	30.248	682.71	26.66	0
"2011-10-02	13:00:00"	9.1043	194.54	80.474	26.844	795.14	26.648	0
"2011-10-02	14:00:00"	9.2789	196.9	82.547	24.37	840.82	26.624	0
"2011-10-02	15:00:00"	9.3591	188.42	84.011	22.093	815.36	26.592	0
"2011-10-02	16:00:00"	8.2412	179.69	85.035	19.628	741.62	26.577	0
"2011-10-02	17:00:00"	8.6016	166.45	85.626	18.669	589.57	26.568	0
"2011-10-02	18:00:00"	7.6907	160.56	84.12	19.099	219.23	26.565	0
"2011-10-02	19:00:00"	7.9368	163.81	83.516	19.853	175.07	26.565	0
"2011-10-02	20:00:00"	6.4473	128.53	79.671	23.684	31.057	26.571	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-02	21:00:00"	5.5488	211.71	74.846	28.449	0.0477	0	0
"2011-10-02	22:00:00"	5.2885	191.78	71.804	33.987	0.06063	26.592	0
"2011-10-02	23:00:00"	5.3687	225	71.42	35.3	0.05236	26.592	0
"2011-10-03	00:00:00"	5.3687	225	71.42	35.3	0.07038	26.592	0
"2011-10-03	01:00:00"	5.3687	225	71.42	35.3	0.07737	26.592	0
"2011-10-03	02:00:00"	5.3687	225	71.42	35.3	0.0744	26.592	0
"2011-10-03	03:00:00"	5.3687	225	71.42	35.3	0.06487	26.592	0
"2011-10-03	04:00:00"	5.3687	225	71.42	35.3	0.05893	26.592	0
"2011-10-03	05:00:00"	5.3687	225	71.42	35.3	0.06677	26.592	0
"2011-10-03	06:00:00"	5.3687	225	71.42	35.3	0.06402	26.592	0
"2011-10-03	07:00:00"	5.3687	225	71.42	35.3	0.04452	26.592	0
"2011-10-03	08:00:00"	5.3537	225	71.31	35.202	3.4665	0	0
"2011-10-03	09:00:00"	6.3995	178.37	59.738	57.661	111.81	26.633	0
"2011-10-03	10:00:00"	10.279	182.43	66.649	43.323	317.56	26.651	0
"2011-10-03	11:00:00"	10.252	193.48	72.759	38.171	519.98	26.663	0
"2011-10-03	12:00:00"	11.749	172.28	76.551	31.565	690.36	26.657	0
"2011-10-03	13:00:00"	12.664	149.24	79.181	23.765	808.15	26.645	0
"2011-10-03	14:00:00"	11.915	151.11	80.262	21.321	856.14	26.621	0
"2011-10-03	15:00:00"	11.32	153.23	81.163	20.449	832.2	26.595	0
"2011-10-03	16:00:00"	11.786	165.81	81.499	20.886	722.14	26.58	0
"2011-10-03	17:00:00"	12.138	153.17	81.854	20.953	610.32	26.574	0
"2011-10-03	18:00:00"	11.443	140.97	81.138	20.338	402.25	26.568	0
"2011-10-03	19:00:00"	10.84	131.43	79.746	21.742	186.09	26.559	0
"2011-10-03	20:00:00"	7.111	187	76.46	25.341	17.341	26.562	0
"2011-10-03	21:00:00"	5.3687	225	75.74	26.1	0.05872	26.562	0
"2011-10-03	22:00:00"	5.3687	225	75.74	26.1	0.0602	26.562	0
"2011-10-03	23:00:00"	5.3687	225	75.74	26.1	0.06253	26.562	0
"2011-10-04	00:00:00"	5.3687	225	75.74	26.1	0.07334	26.562	0
"2011-10-04	01:00:00"	5.3687	225	75.74	26.1	0.04621	26.562	0
"2011-10-04	02:00:00"	5.3687	225	75.74	26.1	0.05787	26.562	0
"2011-10-04	03:00:00"	5.3687	225	75.74	26.1	0.05427	26.562	0
"2011-10-04	04:00:00"	5.3687	225	75.74	26.1	0.05469	26.562	0
"2011-10-04	05:00:00"	5.3687	225	75.74	26.1	0.07207	26.562	0
"2011-10-04	06:00:00"	5.3687	225	75.74	26.1	0.06169	26.562	0
"2011-10-04	07:00:00"	5.3687	225	75.74	26.1	0.04303	26.562	0
"2011-10-04	08:00:00"	5.3537	225	75.619	26.028	4.094	0	0
"2011-10-04	10:00:00"	2.3488	204.86	57.92	31.725	55.346	26.624	0
"2011-10-04	11:00:00"	11.031	178.59	67.099	42.504	478.66	26.663	0
"2011-10-04	12:00:00"	0.16404	226.22	69.8	30.693	2840.2	26.648	0
"2011-10-04	13:00:00"	0.45045	335.54	73.063	32.548	115.87	26.633	0
"2011-10-04	14:00:00"	0.4188	241.24	73.161	32.528	0.5043	26.604	0
"2011-10-04	15:00:00"	0.40886	230.97	72.379	32.836	0.48543	26.577	0
"2011-10-05	06:00:00"	1.2676	163	54.86	33.267	0	26.503	0
"2011-10-06	16:00:00"	1.9877	196.93	73.293	25.893	2785.1	25.254	0
"2011-10-06	17:00:00"	1.4689	137.91	74.203	25.451	2687.7	25.272	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-06	18:00:00"	3.8599	202.63	74.077	25.089	2632.6	25.292	0
"2011-10-06	19:00:00"	4.9697	207.15	73.978	24.958	2599.7	25.304	0
"2011-10-06	20:00:00"	5.5681	210.09	73.898	25.124	2609.8	25.316	0
"2011-10-06	21:00:00"	5.3624	209.99	73.751	26.366	2630.2	25.331	0
"2011-10-06	22:00:00"	5.1139	210.64	73.413	27.634	2652.6	25.334	0
"2011-10-06	23:00:00"	5.1605	210.77	73.175	28.204	2637.1	25.34	0
"2011-10-07	00:00:00"	5.2593	210.65	72.99	28.713	2659.8	25.34	0
"2011-10-07	01:00:00"	5.2518	210.51	72.874	29.164	2657.6	25.36	0
"2011-10-07	02:00:00"	5.1157	210.5	72.993	29.405	2651.6	25.369	0
"2011-10-07	03:00:00"	5.2686	210.78	72.86	29.716	2679.1	25.384	0
"2011-10-07	04:00:00"	5.3804	210.59	72.741	30.076	2672.4	25.402	0
"2011-10-07	05:00:00"	5.5401	210.12	72.645	30.509	2674.2	25.405	0
"2011-10-07	06:00:00"	5.5488	210.07	72.5	30.679	2678.9	25.419	0
"2011-10-07	07:00:00"	5.5942	210.08	72.4	30.453	2685	25.416	0
"2011-10-07	08:00:00"	5.5352	269.27	70.533	30.347	2738.1	25.434	0
"2011-10-07	09:00:00"	5.0337	252.96	69.363	31.201	2786.7	25.443	0
"2011-10-07	10:00:00"	0.62945	46.633	71.554	29.522	2779.5	25.464	0
"2011-10-07	12:00:00"	0.66725	353.65	72.247	29.105	2847.8	25.496	0
"2011-10-12	16:00:00"	8.8432	3.1684	81.967	15.881	711.96	26.385	0
"2011-10-12	17:00:00"	9.9419	0.7037	82.627	14.506	565.98	26.394	0
"2011-10-12	18:00:00"	8.5755	346.72	82.656	14.036	356.1	26.403	0
"2011-10-12	19:00:00"	8.7924	4.3889	80.821	14.781	141	26.418	0
"2011-10-12	20:00:00"	5.5818	19.216	73.47	18.864	11.566	26.438	0
"2011-10-12	21:00:00"	6.049	22.704	65.863	24.743	0.04706	26.453	0
"2011-10-12	22:00:00"	6.6996	31.858	62.879	30.008	0.07356	26.471	0
"2011-10-12	23:00:00"	6.9115	39.456	60.608	34.617	0.06232	26.483	0
"2011-10-13	00:00:00"	6.2218	57.279	58.446	42.907	0.06889	26.485	0
"2011-10-13	01:00:00"	5.8527	59.397	55.98	52.161	0.05766	26.488	0
"2011-10-13	02:00:00"	5.7688	60.696	55.702	59.437	0.06465	26.494	0
"2011-10-13	03:00:00"	1.9859	329.24	53.668	66.718	0.05872	26.509	0
"2011-10-13	04:00:00"	2.1133	342.38	53.949	70.211	0.0672	26.512	0
"2011-10-13	05:00:00"	1.449	337.86	55.142	77.216	0.0619	26.518	0
"2011-10-13	06:00:00"	3.1802	100.06	56.043	84.149	0.06275	26.524	0
"2011-10-13	07:00:00"	3.9855	102.41	56.221	87.3	0.05893	26.536	0
"2011-10-13	08:00:00"	6.8388	63.019	52.481	88.707	1.3897	26.536	0
"2011-10-13	09:00:00"	7.4875	57.854	51.715	87.343	113.19	26.547	0
"2011-10-13	10:00:00"	8.9098	77.709	60.239	72.651	350.56	26.556	0
"2011-10-13	11:00:00"	8.8322	101.66	66.464	53.394	568.71	26.556	0
"2011-10-13	12:00:00"	10.03	164.22	70.908	42.568	732.07	26.55	0
"2011-10-13	13:00:00"	10.534	173.58	73.426	37.591	832.24	26.53	0
"2011-10-13	14:00:00"	10.699	189.22	75.602	34.941	865.82	26.503	0
"2011-10-13	15:00:00"	11.155	187.96	77.342	31.568	825.91	26.465	0
"2011-10-13	16:00:00"	11.673	197.14	79.205	27.691	721.8	26.435	0
"2011-10-13	17:00:00"	10.929	205.17	80.534	23.529	556.74	26.42	0
"2011-10-13	18:00:00"	11.559	195.49	80.878	21.533	348.34	26.406	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-13	19:00:00"	10.584	191.48	79.736	20.751	136.1	26.403	0
"2011-10-13	20:00:00"	5.8372	159.16	73.261	24.328	10.006	26.403	0
"2011-10-13	21:00:00"	5.949	147.66	67.815	27.429	0.06169	26.412	0
"2011-10-13	22:00:00"	6.4194	147.19	65.851	28.536	0.05999	26.418	0
"2011-10-13	23:00:00"	6.036	154.36	63.25	32.757	0.0477	26.426	0
"2011-10-14	00:00:00"	6.2355	161.59	61.489	36.024	0.07038	26.423	0
"2011-10-14	01:00:00"	8.1369	176.78	62.406	39.892	0.05151	26.415	0
"2011-10-14	02:00:00"	6.5579	184.17	61.801	43.166	0.05384	26.409	0
"2011-10-14	03:00:00"	6.4765	178.7	59.387	48.318	0.05427	26.403	0
"2011-10-14	04:00:00"	5.6501	206.07	57.885	53.726	0.07101	26.394	0
"2011-10-14	05:00:00"	4.1104	219.3	54.336	61.795	0.0619	26.382	0
"2011-10-14	06:00:00"	4.1669	239.54	53.553	62.45	0.05702	26.385	0
"2011-10-14	07:00:00"	3.7966	251.06	52.276	65.023	0.07652	26.391	0
"2011-10-14	08:00:00"	3.4772	255.68	51.074	69.139	1.3306	26.403	0
"2011-10-14	09:00:00"	3.5698	250.74	52.223	67.947	126.87	26.418	0
"2011-10-14	10:00:00"	6.4007	220.41	60.063	55.799	365.05	26.435	0
"2011-10-14	11:00:00"	6.3603	220.21	67.404	40.884	579.79	26.444	0
"2011-10-14	12:00:00"	6.8152	231.92	74.233	29.733	742.72	26.447	0
"2011-10-14	13:00:00"	6.2398	239.33	80.22	21.995	844.49	26.432	0
"2011-10-14	14:00:00"	6.7052	254.08	85.675	14.675	876.98	26.409	0
"2011-10-14	15:00:00"	7.5093	257.55	88.068	11.67	838.53	26.382	0
"2011-10-14	16:00:00"	8.0772	262.57	88.871	10.822	729.13	26.364	0
"2011-10-14	17:00:00"	6.8363	281.09	89.388	10.173	561.13	26.364	0
"2011-10-14	18:00:00"	6.0335	281.05	89.181	10.093	349.53	26.364	0
"2011-10-14	19:00:00"	5.2444	234.68	87.588	10.874	135.28	26.367	0
"2011-10-14	20:00:00"	2.1568	168.18	79.475	14.323	9.5965	26.379	0
"2011-10-14	21:00:00"	2.6907	145.63	74.011	17.407	0.05469	26.397	0
"2011-10-14	22:00:00"	3.6785	297.64	72.559	18.723	0.07356	26.429	0
"2011-10-14	23:00:00"	7.024	176.24	75.125	26.35	0.06932	26.462	0
"2011-10-15	00:00:00"	5.3767	33.152	69.087	32.768	0.08013	26.471	0
"2011-10-15	01:00:00"	6.4404	35.656	63.098	39.671	0.06101	26.468	0
"2011-10-15	02:00:00"	5.2866	45.837	58.846	44.753	0.05448	26.468	0
"2011-10-15	03:00:00"	6.4517	28.45	56.599	49.163	0.04134	26.48	0
"2011-10-15	04:00:00"	7.2769	20.202	55.851	52.926	0.08225	26.471	0
"2011-10-15	05:00:00"	7.9852	18.368	54.487	56.271	0.07568	26.477	0
"2011-10-15	06:00:00"	8.7812	17.264	52.943	60.549	0.09836	26.48	0
"2011-10-15	07:00:00"	9.2646	17.91	51.525	66.976	0.06677	26.491	0
"2011-10-15	08:00:00"	10.245	9.0106	51.44	70.892	1.3885	26.509	0
"2011-10-15	09:00:00"	10.821	11.888	52.88	69.262	121.43	26.536	0
"2011-10-15	10:00:00"	11.898	25.334	58.442	59.617	355.55	26.559	0
"2011-10-15	11:00:00"	10.345	36.042	63.396	51.698	564.47	26.565	0
"2011-10-15	12:00:00"	8.9067	47.898	68.996	43.639	746.32	26.562	0
"2011-10-15	13:00:00"	9.0068	49.569	73.598	37.002	848.79	26.559	0
"2011-10-15	14:00:00"	6.7183	52.557	77.179	31.158	872.1	26.536	0
"2011-10-15	15:00:00"	5.8508	80.19	79.831	27.428	839.54	26.515	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-15	16:00:00"	5.6588	97.198	82.21	24.436	713.78	26.5	0
"2011-10-15	17:00:00"	6.4747	123.04	83.564	22.054	545.69	26.494	0
"2011-10-15	18:00:00"	6.9202	130.83	83.785	20.949	335.07	26.485	0
"2011-10-15	19:00:00"	6.635	137.66	82.186	21.234	124.96	26.488	0
"2011-10-15	20:00:00"	5.6072	118.43	75.425	28.798	7.1193	26.494	0
"2011-10-15	21:00:00"	6.0621	110.23	71.515	33.691	0.06571	26.506	0
"2011-10-15	22:00:00"	6.1224	118.15	69.062	37.397	0.07334	26.521	0
"2011-10-15	23:00:00"	5.2618	136.45	66.227	40.504	0.04854	26.533	0
"2011-10-16	00:00:00"	6.9917	158.85	65.616	42.719	0.06465	26.533	0
"2011-10-16	01:00:00"	5.9583	161.42	62.348	48.809	0.06465	26.533	0
"2011-10-16	02:00:00"	3.1386	174.35	59.781	54.392	0.0761	26.527	0
"2011-10-16	03:00:00"	5.0741	159.93	58.814	57.884	0.07377	26.521	0
"2011-10-16	04:00:00"	3.2112	153.17	58.108	60.465	0.07737	26.512	0
"2011-10-16	05:00:00"	3.182	147.98	57.158	63.557	0.08543	26.503	0
"2011-10-16	06:00:00"	1.1763	202.21	57.184	65.643	0.05999	26.509	0
"2011-10-16	07:00:00"	1.8163	251.43	56.305	68.158	0.07038	26.515	0
"2011-10-16	08:00:00"	2.158	234.87	55.483	71.006	1.3172	26.515	0
"2011-10-16	09:00:00"	2.8645	228.03	55.079	72.625	119.61	26.527	0
"2011-10-16	10:00:00"	6.6847	209.3	62.083	59.898	352.89	26.539	0
"2011-10-16	11:00:00"	9.3902	209.43	67.872	48.801	568.08	26.542	0
"2011-10-16	12:00:00"	7.2377	205.92	73.024	39.94	730.95	26.536	0
"2011-10-16	13:00:00"	6.8512	214.21	79.122	30.084	832.42	26.518	0
"2011-10-16	14:00:00"	8.2164	202.89	84.167	22.792	863.7	26.488	0
"2011-10-16	15:00:00"	9.8574	217.91	86.644	18.715	821.82	26.462	0
"2011-10-16	16:00:00"	7.2433	224.79	88.194	17.171	709.51	26.438	0
"2011-10-16	17:00:00"	7.7348	220.3	89.363	13.345	544.82	26.423	0
"2011-10-16	18:00:00"	6.6654	223.64	89.419	12.119	336.69	26.412	0
"2011-10-16	19:00:00"	4.4173	225.73	87.92	12.15	126.85	26.409	0
"2011-10-16	20:00:00"	1.3366	187.36	79.719	15.808	7.7697	26.418	0
"2011-10-16	21:00:00"	1.925	229.88	74.468	17.807	0.05745	26.432	0
"2011-10-16	22:00:00"	5.6688	174.48	70.631	22.267	0.06126	26.432	0
"2011-10-16	23:00:00"	7.7883	179.61	68.558	31.438	0.05405	26.438	0
"2011-10-17	00:00:00"	5.345	197.18	65.618	39.032	0.05236	26.441	0
"2011-10-17	01:00:00"	5.3668	194.14	62.499	43.9	0.07377	26.429	0
"2011-10-17	02:00:00"	3.8854	218.87	60.153	50.022	0.07504	26.418	0
"2011-10-17	03:00:00"	3.8537	227.44	58.998	58.628	0.07695	26.409	0
"2011-10-17	04:00:00"	3.9084	225.24	56.272	67.514	0.08076	26.388	0
"2011-10-17	05:00:00"	3.9581	247.05	55.381	69.929	0.09242	26.379	0
"2011-10-17	06:00:00"	4.2471	259.08	55.025	72.25	0.06677	26.382	0
"2011-10-17	07:00:00"	4.1713	254.56	54.459	75.608	0.07334	26.379	0
"2011-10-17	08:00:00"	4.8467	261.57	53.729	79.277	1.2475	26.382	0
"2011-10-17	09:00:00"	3.9942	264.74	55.093	77.037	116.06	26.385	0
"2011-10-17	10:00:00"	4.252	261.81	62.784	55.948	348.5	26.397	0
"2011-10-17	11:00:00"	4.8467	251.76	72.282	35.529	557.84	26.382	0
"2011-10-17	12:00:00"	7.925	262.96	82.914	16.862	723.67	26.364	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-17	13:00:00"	11.062	286.42	87.659	12.559	824.83	26.341	0
"2011-10-17	14:00:00"	13.018	300.08	88.065	12.503	851.86	26.314	0
"2011-10-17	15:00:00"	13.942	282.65	89.122	11.709	821.66	26.282	0
"2011-10-17	16:00:00"	15.121	286.22	89.396	11.255	714.25	26.27	0
"2011-10-17	17:00:00"	15.577	280.02	89.781	10.601	540.99	26.273	0
"2011-10-17	18:00:00"	17.388	314.72	89.138	10.859	319.9	26.296	0
"2011-10-17	19:00:00"	20.789	326.3	86.825	11.46	105.83	26.326	0
"2011-10-17	20:00:00"	23.052	1.5722	77.499	20.078	4.2708	26.4	0
"2011-10-17	21:00:00"	24.371	20.737	67.502	33.032	0.06868	26.432	0
"2011-10-17	22:00:00"	22.49	24.603	64.322	36.745	0.0778	26.462	0
"2011-10-17	23:00:00"	19.083	27.491	60.995	42.204	0.05554	26.497	0
"2011-10-18	00:00:00"	17.181	30.463	58.463	45.811	0.07165	26.518	0
"2011-10-18	01:00:00"	14.858	17.892	56.497	50.274	0.06147	26.545	0
"2011-10-18	02:00:00"	14.933	13.379	54.184	53.825	0.05151	26.553	0
"2011-10-18	03:00:00"	16.031	15.555	50.806	54.653	0.04685	26.533	0
"2011-10-18	04:00:00"	16.753	20.426	48.733	59.057	0.06805	26.589	0
"2011-10-18	05:00:00"	9.7431	2.7122	47.054	62.928	0.06974	26.618	0
"2011-10-18	06:00:00"	8.7452	5.2432	45.116	66.805	0.07631	26.639	0
"2011-10-18	07:00:00"	6.4101	352.85	43.272	70.504	0.06253	26.648	0
"2011-10-18	08:00:00"	4.554	336.94	41.339	74.42	1.0489	26.663	0
"2011-10-18	09:00:00"	6.4666	332.38	42.199	72.996	108.91	26.695	0
"2011-10-18	10:00:00"	11.331	349.15	46.857	63.088	340.65	26.719	0
"2011-10-18	11:00:00"	11.301	357.63	49.579	57.777	559.02	26.722	0
"2011-10-18	12:00:00"	10.759	354.15	53.234	47.676	728.03	26.719	0
"2011-10-18	13:00:00"	14.811	10.762	57.205	34.389	836.69	26.704	0
"2011-10-18	14:00:00"	14.647	14.169	60.104	29.01	868.31	26.677	0
"2011-10-18	15:00:00"	15.147	12.693	61.813	26.044	825.67	26.654	0
"2011-10-18	16:00:00"	14.689	10.2	63.466	23.799	712.33	26.642	0
"2011-10-18	17:00:00"	14.713	12.232	64.151	23.251	538.41	26.636	0
"2011-10-18	18:00:00"	12.559	13.967	64.04	23.829	324.18	26.633	0
"2011-10-18	19:00:00"	11.1	9.5858	62.755	24.841	115.56	26.645	0
"2011-10-18	20:00:00"	5.8856	14.263	58.281	28.113	5.7037	26.654	0
"2011-10-18	21:00:00"	4.7311	20.289	52.447	33.999	0.08734	26.657	0
"2011-10-18	22:00:00"	4.861	43.596	48.479	38.535	0.06677	26.663	0
"2011-10-18	23:00:00"	5.3413	32.078	47.35	38.756	0.06359	26.672	0
"2011-10-19	00:00:00"	5.6085	29.264	44.493	41.424	0.06741	26.68	0
"2011-10-19	01:00:00"	5.9055	27.983	43.356	42.09	0.07419	26.672	0
"2011-10-19	02:00:00"	5.7483	20.262	42.037	43.785	0.10111	26.672	0
"2011-10-19	03:00:00"	6.7294	17.206	41.129	44.737	0.0744	26.672	0
"2011-10-19	04:00:00"	5.8005	19.15	39.603	46.567	0.06974	26.663	0
"2011-10-19	05:00:00"	5.1251	12.617	39.577	46.439	0.05893	26.654	0
"2011-10-19	06:00:00"	3.2336	358.53	38.955	47.571	0.08522	26.666	0
"2011-10-19	07:00:00"	4.5217	356.81	39.686	46.636	0.08331	26.663	0
"2011-10-19	08:00:00"	1.9194	297.21	38.548	48.814	1.0514	26.672	0
"2011-10-19	09:00:00"	1.1315	314.32	38.023	50.678	109.22	26.686	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-19	10:00:00"	4.0868	264.16	48.113	35.68	345.84	26.698	0
"2011-10-19	11:00:00"	5.7843	243.22	54.814	27.495	562.19	26.689	0
"2011-10-19	12:00:00"	6.2348	220.7	59.092	22.746	734.33	26.677	0
"2011-10-19	13:00:00"	5.7427	209.36	61.747	20.501	835.9	26.651	0
"2011-10-19	14:00:00"	6.1516	237.61	63.363	19.856	867.13	26.615	0
"2011-10-19	15:00:00"	5.9167	192.66	65.119	19.158	824.49	26.58	0
"2011-10-19	16:00:00"	6.5729	201.99	66.603	18.595	713.88	26.556	0
"2011-10-19	17:00:00"	5.5519	192.46	67.623	18.352	543.02	26.536	0
"2011-10-19	18:00:00"	5.304	187.04	67.893	18.449	328.73	26.527	0
"2011-10-19	19:00:00"	5.1748	177.13	66.732	19.285	118.35	26.518	0
"2011-10-19	20:00:00"	4.3595	133.58	60.297	23.734	4.5406	26.512	0
"2011-10-19	21:00:00"	5.3419	120.41	57.557	26.077	0.08437	26.509	0
"2011-10-19	22:00:00"	6.1006	126.15	55.783	27.824	0.07271	26.506	0
"2011-10-19	23:00:00"	6.4349	133.58	54.329	29.397	0.06974	26.503	0
"2011-10-20	00:00:00"	5.6737	132.28	52.536	31.974	0.05045	26.488	0
"2011-10-20	01:00:00"	5.2034	130.35	51.113	34.273	0.07101	26.477	0
"2011-10-20	02:00:00"	5.711	122.72	50.976	34.822	0.06296	26.468	0
"2011-10-20	03:00:00"	6.6431	129.1	50.606	35.349	0.09221	26.462	0
"2011-10-20	04:00:00"	4.0433	118.34	48.811	37.446	0.06677	26.447	0
"2011-10-20	05:00:00"	3.42	118.9	47.702	38.292	0.08755	26.438	0
"2011-10-20	06:00:00"	1.1396	116.69	47.629	38.078	0.07398	26.441	0
"2011-10-20	07:00:00"	1.8915	194.39	46.508	39.404	0.08246	26.435	0
"2011-10-20	08:00:00"	3.1597	227.6	44.92	41.779	0.8636	26.438	0
"2011-10-20	09:00:00"	3.7351	223.42	44.847	42.601	106.52	26.453	0
"2011-10-20	10:00:00"	9.323	213.68	53.01	33.541	344.07	26.468	0
"2011-10-20	11:00:00"	11.224	221.47	60.413	26.754	564.57	26.471	0
"2011-10-20	12:00:00"	10.79	239.55	67.502	22.328	732.67	26.465	0
"2011-10-20	13:00:00"	10.339	258.58	76.386	17.26	825.21	26.447	0
"2011-10-20	14:00:00"	13.159	298.67	82.161	13.802	852.53	26.42	0
"2011-10-20	15:00:00"	12.711	295.62	84.543	12.454	815.12	26.4	0
"2011-10-20	16:00:00"	13.533	296.75	85.574	10.775	702.91	26.394	0
"2011-10-20	17:00:00"	11.973	297.42	85.919	10.765	528.74	26.394	0
"2011-10-20	18:00:00"	10.677	295.79	85.668	10.711	317.89	26.4	0
"2011-10-20	19:00:00"	5.6365	279.56	83.721	11.519	110.47	26.415	0
"2011-10-20	20:00:00"	2.4712	317.38	76.883	14.663	4.1175	26.438	0
"2011-10-20	21:00:00"	1.5857	319.42	72.327	16.03	0.0619	26.456	0
"2011-10-20	22:00:00"	3.6487	336.77	69.861	16.818	0.06889	26.471	0
"2011-10-20	23:00:00"	7.2837	58.834	64.633	21.249	0.06953	26.483	0
"2011-10-21	00:00:00"	6.6679	59.582	61.468	24.798	0.06508	26.485	0
"2011-10-21	01:00:00"	6.8096	46.634	55.865	30.199	0.05935	26.483	0
"2011-10-21	02:00:00"	7.7541	39.456	53.837	32.751	0.07334	26.485	0
"2011-10-21	03:00:00"	8.8346	37.709	53.257	33.804	0.07419	26.488	0
"2011-10-21	04:00:00"	7.7566	41.774	52.183	35.781	0.06593	26.488	0
"2011-10-21	05:00:00"	5.7794	26.414	49.671	39.934	0.0744	26.494	0
"2011-10-21	06:00:00"	6.4119	23.411	47.287	44.753	0.0778	26.5	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-21	07:00:00"	7.0973	18.83	47.351	46.636	0.06423	26.515	0
"2011-10-21	08:00:00"	8.5737	14.284	48.181	46.281	0.78008	26.527	0
"2011-10-21	09:00:00"	7.6882	10.455	49.403	45.312	101.3	26.556	0
"2011-10-21	10:00:00"	8.2711	13.781	57.558	36.184	334.71	26.571	0
"2011-10-21	11:00:00"	6.2348	15.743	66.209	28.538	550.06	26.583	0
"2011-10-21	12:00:00"	5.2183	31.678	71.914	23.472	712.38	26.577	0
"2011-10-21	13:00:00"	5.0903	32.523	77.478	18.845	812.81	26.559	0
"2011-10-21	14:00:00"	3.9979	46.384	81.917	14.647	841.1	26.536	0
"2011-10-21	15:00:00"	3.8736	14.023	84.487	12.963	792.73	26.512	0
"2011-10-21	16:00:00"	4.5665	11.175	84.943	12.604	684.65	26.494	0
"2011-10-21	17:00:00"	5.5607	226.18	86.021	12.114	516.44	26.483	0
"2011-10-21	18:00:00"	7.0395	179.64	85.179	12.346	308.61	26.477	0
"2011-10-21	19:00:00"	5.1816	143.56	82.633	13.031	106.06	26.477	0
"2011-10-21	20:00:00"	6.1777	106.85	74.602	18.572	3.8972	26.485	0
"2011-10-21	21:00:00"	6.0118	72.007	67.223	25.209	0.04876	26.497	0
"2011-10-21	22:00:00"	8.1039	91.601	67.394	26.581	0.05257	26.503	0
"2011-10-21	23:00:00"	8.1337	95.379	65.185	31.275	0.05003	26.503	0
"2011-10-22	00:00:00"	8.5432	105.92	63.969	39.857	0.06105	26.488	0
"2011-10-22	01:00:00"	7.7398	101.77	61.739	48.271	0.06762	26.483	0
"2011-10-22	02:00:00"	4.8697	43.306	56.872	56.103	0.06614	26.477	0
"2011-10-22	03:00:00"	3.2038	59.321	54.15	56.569	0.05511	26.471	0
"2011-10-22	04:00:00"	2.3103	216.4	55.48	50.269	0.05745	26.468	0
"2011-10-22	05:00:00"	3.8252	317.16	52.861	55.641	0.06465	26.474	0
"2011-10-22	06:00:00"	4.4453	4.6278	48.332	63.86	0.07695	26.485	0
"2011-10-22	07:00:00"	3.302	3.8979	46.814	69.019	0.08119	26.483	0
"2011-10-22	08:00:00"	3.0074	321.79	47.548	69.171	0.75465	26.488	0
"2011-10-22	09:00:00"	5.4706	347.28	52.515	52.255	104.4	26.494	0
"2011-10-22	10:00:00"	10.201	335.36	66.207	22.777	335.69	26.509	0
"2011-10-22	11:00:00"	9.9904	330.31	74.315	16.082	547.43	26.512	0
"2011-10-22	12:00:00"	9.8928	312.93	78.784	13.869	710.21	26.506	0
"2011-10-22	13:00:00"	9.707	308.67	82.08	11.396	809.39	26.491	0
"2011-10-22	14:00:00"	11.011	283.44	83.378	11.003	843.29	26.468	0
"2011-10-22	15:00:00"	11.694	278.5	83.653	11.136	801.42	26.447	0
"2011-10-22	16:00:00"	11.72	291.43	83.929	10.699	696.8	26.435	0
"2011-10-22	17:00:00"	13.23	301.26	84.202	9.2503	526.69	26.429	0
"2011-10-22	18:00:00"	11.804	302.49	83.609	9.3508	314.27	26.423	0
"2011-10-22	19:00:00"	6.7599	319.51	81.801	10.555	108.38	26.435	0
"2011-10-22	20:00:00"	5.9198	16.045	71.958	14.795	3.5477	26.444	0
"2011-10-22	21:00:00"	6.1466	20.344	64.866	18.599	0.0672	26.456	0
"2011-10-22	22:00:00"	6.164	20.95	62.585	21.018	0.05172	26.468	0
"2011-10-22	23:00:00"	7.2756	19.008	61.844	21.817	0.06381	26.483	0
"2011-10-23	00:00:00"	6.6704	23.932	58.277	26.562	0.0797	26.485	0
"2011-10-23	01:00:00"	6.9121	34.773	56.469	34.207	0.07017	26.488	0
"2011-10-23	02:00:00"	7.2458	29.151	55.107	39.343	0.07758	26.491	0
"2011-10-23	03:00:00"	8.263	31.597	53.148	44.952	0.06253	26.494	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-23	04:00:00"	8.9105	24.974	51.864	50.099	0.05851	26.494	0
"2011-10-23	05:00:00"	9.123	28.739	52.143	55.865	0.06147	26.497	0
"2011-10-23	06:00:00"	9.5828	35.272	51.887	61.431	0.07589	26.509	0
"2011-10-23	07:00:00"	7.9486	28.121	51.013	66.347	0.06847	26.533	0
"2011-10-23	08:00:00"	6.233	15.542	47.377	73.155	0.55899	26.542	0
"2011-10-23	09:00:00"	6.9786	2.8021	48.151	74.901	98.03	26.571	0
"2011-10-23	10:00:00"	5.337	328.79	54.25	65.675	324.07	26.607	0
"2011-10-23	11:00:00"	4.2259	353.37	60.452	59.282	534.09	26.621	0
"2011-10-23	12:00:00"	2.6502	43.049	66.013	51.443	696.25	26.618	0
"2011-10-23	13:00:00"	4.6354	94.823	70.285	43.764	798.41	26.604	0
"2011-10-23	14:00:00"	4.495	67.793	73.453	35.687	825.75	26.583	0
"2011-10-23	15:00:00"	5.4587	108.61	75.946	29.311	782.04	26.559	0
"2011-10-23	16:00:00"	4.5056	99.992	77.743	24.957	677.21	26.545	0
"2011-10-23	17:00:00"	4.5267	153.93	78.8	23.536	509.39	26.542	0
"2011-10-23	18:00:00"	5.6713	170.15	78.773	22.276	300.84	26.542	0
"2011-10-23	19:00:00"	4.5105	132.75	77.062	22.944	100.24	26.545	0
"2011-10-23	20:00:00"	3.5226	93.301	72.633	26.952	2.7903	26.562	0
"2011-10-23	21:00:00"	4.9275	86.098	68.682	30.195	0.04218	26.577	0
"2011-10-23	22:00:00"	5.9136	94.538	66.189	31.442	0.06826	26.589	0
"2011-10-23	23:00:00"	6.0217	110.6	64.473	33.49	0.07843	26.598	0
"2011-10-24	00:00:00"	7.2489	117.88	63.647	34.043	0.05808	26.601	0
"2011-10-24	01:00:00"	7.9933	119.3	62.01	39.04	0.06508	26.601	0
"2011-10-24	02:00:00"	8.3108	120.03	61.264	44.384	0.06041	26.598	0
"2011-10-24	03:00:00"	7.298	115.35	58.495	51.757	0.08543	26.595	0
"2011-10-24	04:00:00"	5.8645	121.47	56.353	57.796	0.08924	26.592	0
"2011-10-24	05:00:00"	5.4538	113.47	55.018	63.25	0.07716	26.586	0
"2011-10-24	06:00:00"	5.8552	75.258	52.41	68.482	0.07992	26.589	0
"2011-10-24	07:00:00"	5.8695	62.038	50.336	74.572	0.07038	26.598	0
"2011-10-24	08:00:00"	5.7843	81.064	50.465	78.132	0.56832	26.609	0
"2011-10-24	09:00:00"	7.0929	110.22	53.736	77.911	93.48	26.624	0
"2011-10-24	10:00:00"	9.7717	138.55	60.432	68.747	319.83	26.633	0
"2011-10-24	11:00:00"	11.791	154.82	67.394	54.594	534.52	26.636	0
"2011-10-24	12:00:00"	14.891	175.14	74.145	41.492	696.24	26.633	0
"2011-10-24	13:00:00"	14.758	181.38	78.041	31.481	796.32	26.615	0
"2011-10-24	14:00:00"	15.312	177.05	80.744	23.659	828.8	26.583	0
"2011-10-24	15:00:00"	14.555	182.55	82.21	20.729	785.91	26.553	0
"2011-10-24	16:00:00"	14.352	181.74	82.677	20.486	674.7	26.539	0
"2011-10-24	17:00:00"	13.971	184.43	83.271	18.77	505.05	26.521	0
"2011-10-24	18:00:00"	13.885	173.64	83.079	17.78	295.58	26.515	0
"2011-10-24	19:00:00"	11.459	166.02	80.871	18.625	92.381	26.512	0
"2011-10-24	20:00:00"	7.8535	148.36	74.645	22.891	1.462	26.515	0
"2011-10-24	21:00:00"	7.6845	139.17	71.202	26.491	0.07059	26.524	0
"2011-10-24	22:00:00"	9.0329	149.31	69.175	30.937	0.05554	26.533	0
"2011-10-24	23:00:00"	10.995	160.95	69.472	33.381	0.05723	26.53	0
"2011-10-25	00:00:00"	13.802	167.93	69.649	37.356	0.0744	26.515	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-25	01:00:00"	12.247	172.68	67.772	44.366	0.05363	26.512	0
"2011-10-25	02:00:00"	9.6058	179.31	65.976	50.461	0.07525	26.506	0
"2011-10-25	03:00:00"	9.7052	187.9	64.45	55.149	0.06487	26.503	0
"2011-10-25	04:00:00"	9.1963	188.19	63.06	59.739	0.05299	26.494	0
"2011-10-25	05:00:00"	6.0621	206.48	60.116	65.805	0.07059	26.485	0
"2011-10-25	06:00:00"	3.8426	230.64	57.02	71.691	0.08776	26.485	0
"2011-10-25	07:00:00"	4.0986	219.95	57.006	71.96	0.0744	26.477	0
"2011-10-25	08:00:00"	3.3026	212.01	55.131	75.684	0.4087	26.485	0
"2011-10-25	09:00:00"	3.8053	245.8	55.506	74.828	78.106	26.503	0
"2011-10-25	10:00:00"	5.6532	219.31	60.411	63.424	258.62	26.515	0
"2011-10-25	11:00:00"	6.379	220.77	64.626	53.442	260.02	26.521	0
"2011-10-25	12:00:00"	8.6128	222.32	73.048	38.02	695.05	26.512	0
"2011-10-25	13:00:00"	10.192	232.43	79.427	29.59	776.08	26.491	0
"2011-10-25	14:00:00"	10.762	241.1	83.086	26.002	805.97	26.462	0
"2011-10-25	15:00:00"	9.9711	241.35	84.881	23.299	761.53	26.432	0
"2011-10-25	16:00:00"	9.2441	231.45	86.175	21.884	632.5	26.403	0
"2011-10-25	17:00:00"	12.607	240.81	86.862	19.244	423.69	26.388	0
"2011-10-25	18:00:00"	10.819	249.13	86.955	18.48	256.45	26.379	0
"2011-10-25	19:00:00"	5.1058	221.61	83.829	23.076	68.751	26.376	0
"2011-10-25	20:00:00"	1.5715	225.25	76.808	27.876	1.447	26.385	0
"2011-10-25	21:00:00"	1.0719	226.97	73.194	30.969	0.05978	26.391	0
"2011-10-25	22:00:00"	2.7061	242.74	71.009	34.504	0.05448	26.391	0
"2011-10-25	23:00:00"	4.9921	261.89	70.983	35.781	0.07165	26.409	0
"2011-10-26	00:00:00"	9.1627	171.32	72.469	36.926	0.0672	26.409	0
"2011-10-26	01:00:00"	9.3131	179.04	70.794	43.084	0.05787	26.4	0
"2011-10-26	02:00:00"	7.8137	176.5	68.694	48.341	0.05851	26.394	0
"2011-10-26	03:00:00"	5.1561	193.53	67.048	52.4	0.06487	26.391	0
"2011-10-26	04:00:00"	2.7073	218.91	63.177	59.171	0.05533	26.385	0
"2011-10-26	05:00:00"	1.8747	230.25	61.822	62.073	0.0602	26.382	0
"2011-10-26	06:00:00"	2.2295	245.47	61.113	63.137	0.06932	26.382	0
"2011-10-26	07:00:00"	2.7378	225.03	60.208	64.286	0.08734	26.388	0
"2011-10-26	08:00:00"	3.791	284.9	60.179	64.154	0.44643	26.406	0
"2011-10-26	09:00:00"	2.9335	279.74	60.484	63.432	37.957	26.409	0
"2011-10-26	10:00:00"	9.8239	4.5844	60.804	54.658	197.69	26.441	0
"2011-10-26	11:00:00"	14.672	26.649	59.385	44.211	517.06	26.447	0
"2011-10-26	12:00:00"	14.184	33.037	61.576	41.736	688.46	26.441	0
"2011-10-26	13:00:00"	12.866	37.553	64.851	38.562	785.78	26.429	0
"2011-10-26	14:00:00"	10.924	47.329	67.907	34.907	801.29	26.403	0
"2011-10-26	15:00:00"	10.461	58.442	70.221	32.382	762.38	26.367	0
"2011-10-26	16:00:00"	10.758	69.766	72.463	30.097	678.94	26.344	0
"2011-10-26	17:00:00"	11.053	71.862	73.565	29.093	481.03	26.329	0
"2011-10-26	18:00:00"	12.088	68.306	72.912	29.606	300.73	26.305	0
"2011-10-26	19:00:00"	12.045	70.38	71.233	32.294	88.194	26.302	0
"2011-10-26	20:00:00"	11.594	68.283	67.648	37.983	1.2874	26.302	0
"2011-10-26	21:00:00"	16.824	78.029	63.938	43.721	0.05575	26.296	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-26	22:00:00"	18.414	80.419	60.145	48.718	0.08522	26.294	0
"2011-10-26	23:00:00"	17.837	65.505	58.887	50.874	0.08331	26.37	0
"2011-10-27	00:00:00"	17.245	41.401	53.297	72.055	0.07356	26.406	0.01
"2011-10-27	01:00:00"	19.437	42.997	50.176	79.965	0.0831	26.388	0
"2011-10-27	02:00:00"	21.811	50.028	47.402	83.881	0.07695	26.356	0.01
"2011-10-27	03:00:00"	20.859	44.393	45.399	86.02	0.0725	26.37	0
"2011-10-27	04:00:00"	21.728	36.573	43.008	87.829	0.08628	26.415	0
"2011-10-27	05:00:00"	20.042	36.514	41.927	85.226	0.07483	26.409	0
"2011-10-27	06:00:00"	18.016	32.733	42.612	84.712	0.08161	26.471	0
"2011-10-27	07:00:00"	15.928	28.748	41.499	88.368	0.10387	26.441	0
"2011-10-27	08:00:00"	12.856	17.176	40.335	93.294	0.0903	26.509	0.07
"2011-10-27	09:00:00"	16.237	7.2148	39.308	93.396	12.812	26.503	0.05
"2011-10-27	10:00:00"	13.868	0.29568	39.388	92.397	27.109	26.547	0
"2011-10-27	11:00:00"	3.3573	0.93797	39.567	92.572	58.67	26.565	0.01
"2011-10-27	12:00:00"	0.48218	358.21	39.099	90.884	124.92	26.577	0
"2011-10-27	13:00:00"	0.04474	352	39.08	88.313	98.06	26.583	0
"2011-10-27	14:00:00"	0	"INF"	39.068	86.346	132.93	26.565	0
"2011-10-27	15:00:00"	0	"INF"	39.495	83.118	185.58	26.553	0
"2011-10-27	16:00:00"	0	"INF"	40.182	80.032	195.74	26.553	0
"2011-10-27	17:00:00"	0	"INF"	40.981	78.589	136.15	26.559	0
"2011-10-27	18:00:00"	0	"INF"	42.128	76.085	182.35	26.565	0
"2011-10-27	19:00:00"	0	"INF"	42.304	76.169	49.245	26.589	0
"2011-10-27	20:00:00"	0	"INF"	42.496	76.966	0.92635	26.604	0
"2011-10-27	21:00:00"	0	"INF"	42.531	76.477	0.0761	26.612	0
"2011-10-27	22:00:00"	0	"INF"	42.082	76.281	0.05427	26.621	0
"2011-10-27	23:00:00"	0	"INF"	41.767	76.812	0.07758	26.63	0
"2011-10-28	00:00:00"	0	"INF"	41.333	76.628	0.07229	26.633	0
"2011-10-28	01:00:00"	0	"INF"	40.943	76.675	0.08988	26.63	0
"2011-10-28	02:00:00"	0	"INF"	40.998	77.606	0.06571	26.636	0
"2011-10-28	03:00:00"	0	"INF"	40.731	77.209	0.08818	26.636	0
"2011-10-28	04:00:00"	0	"INF"	40.669	77.132	0.08331	26.639	0
"2011-10-28	05:00:00"	0	"INF"	41.23	75.474	0.07568	26.633	0
"2011-10-28	06:00:00"	0	"INF"	41.503	75.113	0.06699	26.639	0
"2011-10-28	07:00:00"	0.00621	34	41.633	74.861	0.06211	26.654	0
"2011-10-28	08:00:00"	0	"INF"	41.693	75.315	0.18442	26.672	0
"2011-10-28	09:00:00"	0	"INF"	41.883	74.786	88.885	26.701	0
"2011-10-28	10:00:00"	0.7705	340.71	43.209	71.343	314.04	26.722	0
"2011-10-28	11:00:00"	5.8241	359.77	45.508	63.111	529.31	26.742	0
"2011-10-28	12:00:00"	7.5521	18.966	47.583	56.962	689.66	26.751	0
"2011-10-28	13:00:00"	8.043	17.244	49.57	52.956	787.25	26.739	0
"2011-10-28	14:00:00"	7.3564	15.933	51.539	50.273	822.04	26.716	0
"2011-10-28	15:00:00"	5.6818	341.65	53.009	47.832	774.16	26.689	0
"2011-10-28	16:00:00"	5.1418	36.084	54.665	45.182	661.87	26.68	0
"2011-10-28	17:00:00"	4.0023	333.43	56	43.444	493.57	26.683	0
"2011-10-28	18:00:00"	4.5416	349.51	56.352	43.039	288.26	26.692	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-28	19:00:00"	4.5789	22.262	54.909	46.379	88.885	26.698	0
"2011-10-28	20:00:00"	4.2148	49.048	49.759	58.48	1.543	26.71	0
"2011-10-28	21:00:00"	4.1744	63.73	47.216	61.928	0.07229	26.716	0
"2011-10-28	22:00:00"	4.6255	62.253	45.281	62.502	0.07123	26.713	0
"2011-10-28	23:00:00"	4.8324	95.298	46.228	51.256	0.06656	26.713	0
"2011-10-29	00:00:00"	4.5484	100.42	44.974	50.831	0.0797	26.713	0
"2011-10-29	01:00:00"	2.0313	305.2	43.418	55.68	0.06783	26.704	0
"2011-10-29	02:00:00"	3.6363	338.16	40.983	70.385	0.08564	26.71	0
"2011-10-29	03:00:00"	2.826	354.62	38.854	88.317	0.092	26.704	0
"2011-10-29	04:00:00"	4.3571	28.349	38.449	90.27	0.08352	26.68	0
"2011-10-29	05:00:00"	3.8997	56.854	37.297	92.785	0.10578	26.669	0
"2011-10-29	06:00:00"	1.3465	77.854	38.289	91.134	0.06571	26.663	0
"2011-10-29	07:00:00"	0.43434	114.51	37.899	79.791	0.08288	26.657	0
"2011-10-29	08:00:00"	0.92087	184.41	37.611	72.521	0.45512	26.654	0
"2011-10-29	09:00:00"	1.9791	188.46	37.155	78.48	85.896	26.66	0
"2011-10-29	10:00:00"	7.2408	199.13	41.134	83.567	312.4	26.663	0
"2011-10-29	11:00:00"	11.659	195.87	48.187	67.569	527.39	26.657	0
"2011-10-29	12:00:00"	11.989	192.63	52.53	51.378	692.92	26.633	0
"2011-10-29	13:00:00"	12.539	197.11	55.368	41.531	792.37	26.615	0
"2011-10-29	14:00:00"	13.191	195.4	58.286	33.851	795.08	26.565	0
"2011-10-29	15:00:00"	13.15	206.27	60.965	30.291	749.3	26.518	0
"2011-10-29	16:00:00"	13.279	199.61	62.812	28.872	614.74	26.485	0
"2011-10-29	17:00:00"	13.013	205.98	63.73	28.58	398.98	26.471	0
"2011-10-29	18:00:00"	11.183	204.46	64.913	27.931	275.75	26.453	0
"2011-10-29	19:00:00"	8.4606	198.05	64.032	29.448	74.556	26.444	0
"2011-10-29	20:00:00"	6.9973	197.15	57.848	36.194	0.84325	26.45	0
"2011-10-29	21:00:00"	5.9863	195.99	54.814	39.782	0.07758	26.444	0
"2011-10-29	22:00:00"	2.5607	197.67	52.752	42.146	0.07356	26.453	0
"2011-10-29	23:00:00"	4.2607	211.67	49.787	46.491	0.05702	26.453	0
"2011-10-30	00:00:00"	5.1288	219.28	47.83	52.349	0.07123	26.45	0
"2011-10-30	01:00:00"	4.3676	237.34	47.131	53.592	0.0867	26.447	0
"2011-10-30	02:00:00"	3.4325	242.75	45.718	55.977	0.09878	26.444	0
"2011-10-30	03:00:00"	4.6149	256.64	45.664	56.36	0.08267	26.447	0
"2011-10-30	04:00:00"	4.7709	259.16	44.62	60.468	0.08225	26.438	0
"2011-10-30	05:00:00"	4.3763	258.46	43.016	65.322	0.08903	26.435	0
"2011-10-30	06:00:00"	2.1033	258.75	42.998	65.04	0.06932	26.444	0
"2011-10-30	07:00:00"	3.8171	291.58	43.132	68.314	0.06932	26.468	0
"2011-10-30	08:00:00"	8.9906	311.48	47.44	61.633	0.29296	26.483	0
"2011-10-30	09:00:00"	8.6656	340.77	48.484	55.618	78.369	26.512	0
"2011-10-30	10:00:00"	12.458	9.4387	52.068	53.049	302.02	26.545	0
"2011-10-30	11:00:00"	19.85	33.572	57.487	44.202	515.84	26.559	0
"2011-10-30	12:00:00"	17.785	45.206	61.417	38.13	681.67	26.577	0
"2011-10-30	13:00:00"	14.815	39.043	63.08	36.17	780.74	26.592	0
"2011-10-30	14:00:00"	11.75	39.605	64.755	34.382	811.08	26.586	0
"2011-10-30	15:00:00"	8.5463	23.822	66.605	32.104	764.86	26.577	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-10-30	16:00:00"	9.7238	27.422	67.65	30.389	653.18	26.577	0
"2011-10-30	17:00:00"	9.7307	28.465	68.122	29.474	484.03	26.574	0
"2011-10-30	18:00:00"	9.3976	26.31	67.914	29.836	277.26	26.583	0
"2011-10-30	19:00:00"	8.2947	28.064	65.342	32.333	81.884	26.601	0
"2011-10-30	20:00:00"	5.2835	21.895	57.066	42.939	1.0872	26.621	0
"2011-10-30	21:00:00"	5.7054	31.003	52.023	51.593	0.07313	26.633	0
"2011-10-30	22:00:00"	6.5679	31.211	50.611	55.748	0.08161	26.645	0
"2011-10-30	23:00:00"	5.8664	31.65	47.718	62.602	0.08712	26.657	0
"2011-10-31	00:00:00"	6.0484	35.556	46.757	65.993	0.08352	26.66	0
"2011-10-31	01:00:00"	5.1679	48.006	44.968	69.992	0.08755	26.651	0
"2011-10-31	02:00:00"	5.6141	41.548	43.84	72.631	0.06402	26.645	0
"2011-10-31	03:00:00"	4.8678	56.994	43.438	74.113	0.0761	26.639	0
"2011-10-31	04:00:00"	5.4134	36.984	41.983	77.228	0.07038	26.63	0
"2011-10-31	05:00:00"	4.9287	31.023	40.531	80.352	0.07546	26.618	0
"2011-10-31	06:00:00"	2.9981	33.329	42.419	77.725	0.08119	26.615	0
"2011-10-31	07:00:00"	3.2697	358.29	41.911	79.618	0.05872	26.612	0
"2011-10-31	08:00:00"	3.3436	353.72	41.612	80.494	0.31521	26.615	0
"2011-10-31	09:00:00"	1.9468	323.86	42.436	79.487	76.882	26.633	0
"2011-10-31	10:00:00"	1.5081	275.1	47.841	69.574	300.48	26.651	0
"2011-10-31	11:00:00"	6.5219	181.8	55.789	52.438	517.23	26.645	0
"2011-10-31	12:00:00"	5.7825	195.13	60.534	43.885	680.64	26.639	0
"2011-10-31	13:00:00"	5.7825	214.59	64.798	36.852	780.1	26.618	0
"2011-10-31	14:00:00"	6.7636	201.19	67.863	31.14	808.65	26.58	0
"2011-10-31	15:00:00"	8.9067	193.74	70.719	25.523	766.21	26.542	0
"2011-10-31	16:00:00"	10.658	197.94	72.583	22.022	654.37	26.518	0
"2011-10-31	17:00:00"	10.256	193.08	73.485	19.362	485.84	26.506	0
"2011-10-31	18:00:00"	9.822	187.78	73.005	19.216	279.17	26.494	0
"2011-10-31	19:00:00"	7.3682	178.06	70.484	20.821	83.649	26.485	0
"2011-10-31	20:00:00"	4.3173	148.85	62.972	26.719	0.98613	26.491	0
"2011-10-31	21:00:00"	4.792	153.4	58.662	32.061	0.07652	26.5	0
"2011-10-31	22:00:00"	5.6768	162.85	57.941	36.573	0.07144	26.5	0
"2011-10-31	23:00:00"	6.297	170.44	55.892	46.152	0.06508	26.503	0
"2011-11-01	00:00:00"	6.6536	176.76	56.076	55.579	0.08182	26.497	0
"2011-11-01	01:00:00"	8.5084	176.73	56.209	62.954	0.08055	26.485	0
"2011-11-01	02:00:00"	7.3061	178.09	54.879	69.298	0.0672	26.474	0
"2011-11-01	03:00:00"	6.4604	175.37	53.008	76	0.06423	26.468	0
"2011-11-01	04:00:00"	5.3724	178.06	51.311	81.201	0.05045	26.459	0
"2011-11-01	05:00:00"	5.6545	187.62	50.268	84.014	0.06762	26.453	0
"2011-11-01	06:00:00"	5.1791	195.99	49.317	86.588	0.08098	26.447	0
"2011-11-01	07:00:00"	3.5244	208.34	47.24	90.188	0.06932	26.447	0
"2011-11-01	08:00:00"	3.0304	233.77	46.837	92.637	0.28829	26.45	0
"2011-11-01	09:00:00"	2.455	240.78	46.849	93.291	88.334	26.465	0
"2011-11-01	10:00:00"	4.2185	217.47	51.308	85.712	304.28	26.474	0
"2011-11-01	11:00:00"	8.9334	200.27	59.045	63.883	512.55	26.477	0
"2011-11-01	12:00:00"	7.8063	203.51	64.939	48.255	672.4	26.468	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-01	13:00:00"	7.3999	208.33	70.533	35.036	767.92	26.444	0
"2011-11-01	14:00:00"	8.8955	208.22	75.427	26.374	795.28	26.418	0
"2011-11-01	15:00:00"	10.786	209.58	78.287	22.177	751.23	26.388	0
"2011-11-01	16:00:00"	10.558	202.7	80.23	20.527	638.96	26.367	0
"2011-11-01	17:00:00"	11.149	199.11	81.38	19.546	470.24	26.353	0
"2011-11-01	18:00:00"	12.185	196.81	81.29	19.069	268.13	26.347	0
"2011-11-01	19:00:00"	9.6915	174.91	78.781	22.63	76.704	26.335	0
"2011-11-01	20:00:00"	10.002	153.45	73.118	30.644	0.80849	26.341	0
"2011-11-01	21:00:00"	10.879	150.23	69.178	36.264	0.06805	26.347	0
"2011-11-01	22:00:00"	11.318	153.08	66.375	43.045	0.0655	26.344	0
"2011-11-01	23:00:00"	14.29	165.96	65.173	50.267	0.06359	26.347	0
"2011-11-02	00:00:00"	12.777	175.95	63.131	55.407	0.0725	26.35	0
"2011-11-02	01:00:00"	11.605	182.27	61.562	59.37	0.06275	26.347	0
"2011-11-02	02:00:00"	8.7626	190.3	59.391	63.97	0.05278	0.26282	0
"2011-11-02	03:00:00"	6.3746	186.03	57.123	68.595	0.06995	26.338	0
"2011-11-02	04:00:00"	4.7007	201.47	54.639	73.696	0.06296	26.338	0
"2011-11-02	05:00:00"	3.6201	217.57	52.006	79.496	0.09264	26.341	0
"2011-11-02	06:00:00"	4.0252	220.75	51.038	82.156	0.06889	26.347	0
"2011-11-02	07:00:00"	4.2067	211.24	49.923	84.996	0.0708	26.347	0
"2011-11-02	08:00:00"	4.362	199.52	48.03	88.348	0.23212	26.353	0
"2011-11-02	09:00:00"	3.4884	219.52	47.311	89.476	75.896	26.391	0
"2011-11-02	10:00:00"	3.0317	236.3	52.094	81.787	304.19	26.423	0
"2011-11-02	11:00:00"	6.5281	230.62	60.88	56.823	521.19	26.45	0
"2011-11-02	12:00:00"	15.986	324.4	63.825	40.748	670.65	26.503	0
"2011-11-02	13:00:00"	22.982	6.7522	57.427	43.711	766.78	26.55	0
"2011-11-02	14:00:00"	24.059	1.214	57.501	39.342	781.09	26.571	0
"2011-11-02	15:00:00"	25.727	356.84	56.663	36.447	730.98	26.595	0
"2011-11-02	16:00:00"	25.242	1.0061	54.572	35.556	603.11	26.63	0
"2011-11-02	17:00:00"	24.345	6.718	53.282	33.884	418.31	26.648	0
"2011-11-02	18:00:00"	22.149	11.193	51.684	34.196	212.75	26.695	0
"2011-11-02	19:00:00"	21.128	17.891	47.992	38.491	52.367	26.739	0
"2011-11-02	20:00:00"	17.203	21.714	45.202	42.8	0.71183	26.775	0
"2011-11-02	21:00:00"	15.992	22.677	43.325	44.677	0.06762	26.813	0
"2011-11-02	22:00:00"	10.97	29.054	40.617	49.357	0.08946	26.831	0
"2011-11-02	23:00:00"	10.34	33.595	38.643	54.454	0.07419	26.846	0
"2011-11-03	00:00:00"	12.303	28.287	37.644	56.256	0.09009	26.86	0
"2011-11-03	01:00:00"	5.3537	23.312	34.992	61.846	0.08988	26.86	0
"2011-11-03	02:00:00"	4.3105	340.4	32.669	67.714	0.09581	26.849	0
"2011-11-03	03:00:00"	4.5478	331.81	31.413	71.524	0.08437	26.846	0
"2011-11-03	04:00:00"	3.8761	329.84	28.817	77.768	0.08967	26.846	0
"2011-11-03	05:00:00"	4.3353	316.09	30.004	76.297	0.08225	26.843	0
"2011-11-03	06:00:00"	4.4962	329.09	28.508	78.468	0.07398	26.846	0
"2011-11-03	07:00:00"	4.9542	345.13	27.797	80.699	0.07207	26.837	0
"2011-11-03	08:00:00"	4.7106	342.51	27.592	81.555	0.28575	26.846	0
"2011-11-03	09:00:00"	4.838	328.55	29.468	77.116	78.492	26.86	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-03	10:00:00"	5.7222	313.02	35.548	64.758	306.94	26.875	0
"2011-11-03	11:00:00"	5.8856	295.58	39.593	53.167	519.43	26.863	0
"2011-11-03	12:00:00"	3.4822	284.46	43.099	38.169	685.95	26.843	0
"2011-11-03	13:00:00"	3.0217	279.53	46.173	31.631	789.59	26.813	0
"2011-11-03	14:00:00"	3.7003	230.06	49.031	27.584	819.66	26.778	0
"2011-11-03	15:00:00"	5.35	203.92	51.37	23.389	776.99	26.745	0
"2011-11-03	16:00:00"	4.9728	167.02	53.019	21.839	660.99	26.713	0
"2011-11-03	17:00:00"	5.4097	185.43	53.866	22.469	484.81	26.692	0
"2011-11-03	18:00:00"	6.8028	161.01	53.677	22.278	273.79	26.674	0
"2011-11-03	19:00:00"	5.3662	130.39	51.709	24.055	77.367	26.657	0
"2011-11-03	20:00:00"	3.192	132.57	46.686	28.566	0.75104	26.66	0
"2011-11-03	21:00:00"	3.6313	137.74	44.516	30.202	0.08034	26.657	0
"2011-11-03	22:00:00"	4.0004	152.63	42.383	31.83	0.08267	26.66	0
"2011-11-03	23:00:00"	3.6369	138.98	40.913	33.839	0.08161	26.654	0
"2011-11-04	00:00:00"	3.932	138.15	39.199	36.951	0.0831	26.633	0
"2011-11-04	01:00:00"	4.3502	135.69	39.102	37.22	0.07144	26.618	0
"2011-11-04	02:00:00"	4.9157	146.59	39.428	36.118	0.09285	26.609	0
"2011-11-04	03:00:00"	5.4693	134.42	39.852	35.177	0.07928	26.598	0
"2011-11-04	04:00:00"	6.2734	125.1	39.552	36.282	0.09221	26.583	0
"2011-11-04	05:00:00"	5.7359	113.75	38.615	37.448	0.08861	26.565	0
"2011-11-04	06:00:00"	5.6632	91.35	36.328	40.712	0.09094	26.553	0
"2011-11-04	07:00:00"	5.9496	101.99	36.249	41.221	0.08331	26.547	0
"2011-11-04	08:00:00"	5.4979	73.186	33.734	45.847	0.19057	26.547	0
"2011-11-04	09:00:00"	6.4635	102.59	35.529	43.633	47.537	26.553	0
"2011-11-04	10:00:00"	8.3257	136.7	42.088	34.229	247.33	26.562	0
"2011-11-04	11:00:00"	11.121	162.51	47.996	27.669	461.08	26.559	0
"2011-11-04	12:00:00"	10.914	166.94	52.394	23.884	623.23	26.545	0
"2011-11-04	13:00:00"	11.356	158	55.83	21.757	723.67	26.518	0
"2011-11-04	14:00:00"	10.637	156.4	60.312	19.944	752.48	26.477	0
"2011-11-04	15:00:00"	10.827	155.14	63.6	18.78	708.46	26.444	0
"2011-11-04	16:00:00"	11.69	150.57	65.22	18.454	599.41	26.42	0
"2011-11-04	17:00:00"	10.902	164.98	66.374	19.208	435.31	26.409	0
"2011-11-04	18:00:00"	10.065	144.24	66.088	19.825	234.92	26.394	0
"2011-11-04	19:00:00"	7.5757	129.89	63.203	21.889	47.784	26.382	0
"2011-11-04	20:00:00"	6.6605	111.43	58.408	25.326	0.39979	26.388	0
"2011-11-04	21:00:00"	7.2725	107.76	56.097	27.65	0.07801	26.388	0
"2011-11-04	22:00:00"	8.094	119.64	52.959	29.983	0.07229	26.379	0
"2011-11-04	23:00:00"	9.2292	127.39	51.979	29.853	0.05278	26.379	0
"2011-11-05	00:00:00"	7.943	131.85	49.738	32.101	0.06487	26.353	0
"2011-11-05	01:00:00"	8.9005	143.64	48.807	33.468	0.07101	26.335	0
"2011-11-05	02:00:00"	9.6704	154.69	48.431	33.795	0.06889	26.323	0
"2011-11-05	03:00:00"	11.656	154.18	48.434	33.055	0.06381	26.296	0
"2011-11-05	04:00:00"	11.196	155.26	48.403	32.859	0.07589	26.285	0
"2011-11-05	05:00:00"	8.1306	165.49	47.885	33.835	0.0778	26.261	0
"2011-11-05	06:00:00"	5.0387	174.72	46.323	36.252	0.08204	26.246	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-05	07:00:00"	3.8158	141.37	44.807	38.671	0.05872	26.22	0
"2011-11-05	08:00:00"	4.7852	175.2	44.063	40.064	0.08882	26.226	0
"2011-11-05	09:00:00"	5.537	173.51	43.685	41.104	10.567	26.237	0
"2011-11-05	10:00:00"	7.3744	177.95	46.231	38.853	224.64	26.24	0
"2011-11-05	11:00:00"	13.459	185.9	54.247	30.788	499.79	26.243	0
"2011-11-05	12:00:00"	13.241	184.76	60.878	26.145	660.72	26.237	0
"2011-11-05	13:00:00"	15.588	183.93	67.026	22.051	759.85	26.22	0
"2011-11-05	14:00:00"	16.442	194.48	71.342	18.795	778.89	26.199	0
"2011-11-05	15:00:00"	18.134	207.03	75.307	15.786	723.39	26.172	0
"2011-11-05	16:00:00"	20.201	230.45	78.457	14.254	604.41	26.161	0
"2011-11-05	17:00:00"	19.246	240.68	78.266	17.083	410.11	26.167	0
"2011-11-05	18:00:00"	16.993	269.62	74.709	22.783	192.94	26.196	0
"2011-11-05	19:00:00"	14.117	282.85	69.463	27.429	45.338	26.217	0
"2011-11-05	20:00:00"	12.326	276.6	64.492	30.808	0.4937	26.24	0
"2011-11-05	21:00:00"	11.109	277.15	61.558	32.91	0.07059	26.267	0
"2011-11-05	22:00:00"	8.0032	271.66	59.026	35.042	0.05681	26.291	0
"2011-11-05	23:00:00"	6.919	219.65	56.509	37.709	0.07864	26.299	0
"2011-11-06	00:00:00"	10.683	222.35	55.366	37.845	0.06296	26.311	0
"2011-11-06	01:00:00"	8.1531	201.95	52.834	39.327	0.07462	26.341	0
"2011-11-06	02:00:00"	7.9374	199.47	50.065	44.28	0.08564	26.341	0
"2011-11-06	03:00:00"	3.7108	200.84	46.078	53.359	0.06296	26.347	0
"2011-11-06	04:00:00"	3.6325	203.68	42.816	58.912	0.07758	26.356	0
"2011-11-06	05:00:00"	4.2918	215.86	41.186	60.735	0.06169	26.358	0
"2011-11-06	06:00:00"	4.1129	232.34	41.505	60.115	0.08903	26.367	0
"2011-11-06	07:00:00"	2.414	219.29	40.342	62.058	0.06741	26.379	0
"2011-11-06	08:00:00"	2.6887	155.63	39.041	65.155	0.13863	26.403	0
"2011-11-06	09:00:00"	2.0008	119.2	40.963	61.033	65.245	26.429	0
"2011-11-06	10:00:00"	1.6274	288.13	47.036	50.28	278.29	26.456	0
"2011-11-06	11:00:00"	4.5652	245.31	53.173	40.552	485.4	26.462	0
"2011-11-06	12:00:00"	7.9007	237.54	59.257	34.273	645.48	26.459	0
"2011-11-06	13:00:00"	9.0714	244.12	63.922	32.13	742.35	26.444	0
"2011-11-06	14:00:00"	9.4349	226.92	66.112	30.397	770.2	26.409	0
"2011-11-06	15:00:00"	9.8444	207.56	68.079	28.007	727.53	26.379	0
"2011-11-06	16:00:00"	12.906	213.27	69.618	26.156	615.99	26.367	0
"2011-11-06	17:00:00"	12.629	214.64	70.113	24.589	462.5	26.367	0
"2011-11-06	18:00:00"	12.051	219.17	69.938	24.002	255.31	26.37	0
"2011-11-06	19:00:00"	7.0084	203.39	67.148	27.064	62.916	26.379	0
"2011-11-06	20:00:00"	5.7993	166.93	59.958	34.142	0.59905	26.394	0
"2011-11-06	21:00:00"	4.7019	145.36	57.592	37.553	0.07589	26.397	0
"2011-11-06	22:00:00"	5.5004	127.82	58.256	37.213	0.05893	26.4	0
"2011-11-06	23:00:00"	5.6744	88.122	56.426	39.042	0.05088	26.406	0
"2011-11-07	00:00:00"	6.4343	83.668	55.487	41.48	0.06275	26.394	0
"2011-11-07	01:00:00"	5.8459	82.151	54.822	48.131	0.06444	26.382	0
"2011-11-07	01:00:00"	5.5687	69.95	53.599	55.766	0.05787	26.373	0
"2011-11-07	02:00:00"	5.6265	32.114	49.558	58.842	0.04982	26.358	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-07	03:00:00"	5.4674	50.238	49.259	64.028	0.07631	26.344	0
"2011-11-07	04:00:00"	7.3713	100.91	53.215	73.009	0.06465	26.329	0
"2011-11-07	05:00:00"	12.224	164.44	59.456	85.984	0.0708	26.329	0
"2011-11-07	06:00:00"	13.289	175.11	59.665	89.259	0.04197	26.332	0
"2011-11-07	07:00:00"	8.9651	195.25	56.955	91.013	0.07462	26.35	0
"2011-11-07	08:00:00"	5.9788	239.09	53.241	94.512	17.542	26.353	0
"2011-11-07	09:00:00"	4.5149	187.83	54.359	92.241	255.49	26.364	0
"2011-11-07	10:00:00"	6.5418	186.4	60.345	69.619	479.68	26.373	0
"2011-11-07	11:00:00"	6.6257	182.01	65.532	47.386	639.68	26.367	0
"2011-11-07	12:00:00"	5.9012	176.75	69.301	33.219	736.67	26.347	0
"2011-11-07	13:00:00"	8.9173	184.62	71.918	27.59	766.39	26.311	0
"2011-11-07	14:00:00"	11.677	204.86	73.712	21.726	727.85	26.288	0
"2011-11-07	15:00:00"	12.434	205.06	74.744	18.577	618.97	26.279	0
"2011-11-07	16:00:00"	12.437	210.79	74.934	17.506	455.18	26.273	0
"2011-11-07	17:00:00"	10.322	213.7	74.425	17.003	236.36	26.273	0
"2011-11-07	18:00:00"	6.3429	187.72	71.687	17.585	65.091	26.264	0
"2011-11-07	19:00:00"	4.6025	107.69	66.001	20.909	0.37648	26.261	0
"2011-11-07	20:00:00"	3.9351	29.367	63.045	23.104	0.06741	26.273	0
"2011-11-07	21:00:00"	7.5795	326.39	64.38	24.587	0.05893	26.288	0
"2011-11-07	22:00:00"	8.5339	315.94	63.233	26.887	0.06677	26.299	0
"2011-11-07	23:00:00"	4.193	332.35	61.152	29.925	0.07419	26.341	0
"2011-11-08	00:00:00"	11.285	301.44	60.372	30.078	0.04918	26.347	0
"2011-11-08	01:00:00"	12.686	308.96	57.024	28.298	0.06253	26.347	0
"2011-11-08	02:00:00"	12.378	302.7	54.483	30.835	0.06571	26.35	0
"2011-11-08	03:00:00"	12.145	293.23	51.737	32.875	0.05745	26.35	0
"2011-11-08	04:00:00"	14.748	284.61	49.086	34.871	0.06911	26.367	0
"2011-11-08	05:00:00"	9.9705	286.19	45.558	38.986	0.08437	26.388	0
"2011-11-08	06:00:00"	5.3786	274.26	42.423	44.071	0.07207	26.406	0
"2011-11-08	07:00:00"	2.4029	266.56	39.518	46.401	0.07292	26.432	0
"2011-11-08	08:00:00"	2.4308	208.79	38.23	45.423	63.752	26.456	0
"2011-11-08	09:00:00"	4.7759	238.91	42.61	38.708	290.58	26.48	0
"2011-11-08	10:00:00"	7.4304	269.72	47.115	30.927	504.12	26.488	0
"2011-11-08	11:00:00"	14.933	288.48	52.306	25.609	669.69	26.494	0
"2011-11-08	12:00:00"	13.776	289.55	53.927	23.596	766.34	26.497	0
"2011-11-08	13:00:00"	13.393	280.11	55.613	21.316	795.67	26.485	0
"2011-11-08	14:00:00"	14.289	288.87	56.771	21.059	750.72	26.477	0
"2011-11-08	15:00:00"	14.106	292.72	57.513	21.724	636.05	26.485	0
"2011-11-08	16:00:00"	14.24	296.94	58.812	21.622	461.82	26.494	0
"2011-11-08	17:00:00"	14.631	309.42	59.062	22.912	257.54	26.512	0
"2011-11-08	18:00:00"	11.992	319.01	57.666	24.769	69.381	26.547	0
"2011-11-08	19:00:00"	7.5944	353.09	52.821	32.332	0.44325	26.583	0
"2011-11-08	20:00:00"	10.229	9.2936	48.716	40.233	0.06571	26.615	0
"2011-11-08	21:00:00"	10.694	25.34	45.817	46.687	0.06889	26.633	0
"2011-11-08	22:00:00"	10.504	36.382	43.125	54.408	0.06296	26.651	0
"2011-11-08	23:00:00"	10.378	47.873	41.042	60.969	0.08797	26.657	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-09	00:00:00"	11.153	39.588	39.696	64.695	0.07652	26.669	0
"2011-11-09	01:00:00"	10.589	39.428	37.737	70.057	0.07822	26.68	0
"2011-11-09	02:00:00"	9.8152	32.885	36.409	73.475	0.09115	26.695	0
"2011-11-09	03:00:00"	10.991	24.569	35.683	75.246	0.08437	26.695	0
"2011-11-09	04:00:00"	11.856	19.586	34.509	77.447	0.07059	26.698	0
"2011-11-09	05:00:00"	12.1	25.947	35.077	76.833	0.06677	26.716	0
"2011-11-09	06:00:00"	10.821	28.028	35.469	76.341	0.06889	26.742	0
"2011-11-09	07:00:00"	8.1679	32.093	34.089	79.628	0.09475	26.775	0
"2011-11-09	08:00:00"	7.5136	23.224	33.672	81.627	53.693	26.793	0
"2011-11-09	09:00:00"	10.668	19.008	37.697	72.875	153.02	26.822	0
"2011-11-09	10:00:00"	10.536	27.269	41.426	59.697	311.2	26.855	0
"2011-11-09	11:00:00"	8.9272	44.506	44.71	48.946	507	26.858	0
"2011-11-09	12:00:00"	8.7918	60.771	48.462	39.196	614.25	26.846	0
"2011-11-09	13:00:00"	7.8765	53.88	49.827	35.53	483.82	26.825	0
"2011-11-09	14:00:00"	8.7694	53.445	51.27	29.805	550.7	26.807	0
"2011-11-09	15:00:00"	8.5743	59.137	52.906	26.003	624.91	26.796	0
"2011-11-09	16:00:00"	8.6085	58.829	53.832	26.341	475.09	26.784	0
"2011-11-09	17:00:00"	8.7744	48.04	53.616	24.366	230.13	26.79	0
"2011-11-09	18:00:00"	7.2116	46.259	51.044	26.463	66.432	26.798	0
"2011-11-09	19:00:00"	4.4863	38.124	45.817	33.835	0.46212	26.813	0
"2011-11-09	20:00:00"	3.4188	10.656	44.585	37.556	0.07313	26.828	0
"2011-11-09	21:00:00"	4.1247	17.008	43.274	39.598	0.0708	26.846	0
"2011-11-09	22:00:00"	5.1512	41.282	39.635	44.531	0.09327	26.866	0
"2011-11-09	23:00:00"	5.0511	33.109	36.482	50.019	0.06338	26.866	0
"2011-11-10	00:00:00"	3.617	17.467	34.677	54.206	0.07483	26.866	0
"2011-11-10	01:00:00"	4.8479	21.508	34.206	54.706	0.07864	26.858	0
"2011-11-10	02:00:00"	4.8628	19.762	34.517	54.065	0.07356	26.855	0
"2011-11-10	03:00:00"	4.7268	21.234	33.967	54.654	0.08098	26.855	0
"2011-11-10	04:00:00"	5.1207	32.071	32.305	57.358	0.10981	26.852	0
"2011-11-10	05:00:00"	2.3034	356.38	31.086	59.979	0.07716	26.858	0
"2011-11-10	06:00:00"	2.7154	358.49	31.862	59.522	0.07419	26.858	0
"2011-11-10	07:00:00"	2.9459	347.11	33.32	56.076	0.07949	26.863	0
"2011-11-10	08:00:00"	3.5194	327.48	33.759	55.346	56.782	26.881	0
"2011-11-10	09:00:00"	3.1833	303.81	39.222	48.63	272.79	26.896	0
"2011-11-10	10:00:00"	5.601	263.45	46.527	39.08	486.7	26.89	0
"2011-11-10	11:00:00"	7.6429	242.29	51.234	31.999	654.54	26.881	0
"2011-11-10	12:00:00"	7.4279	238.42	53.524	27.943	756.07	26.855	0
"2011-11-10	13:00:00"	8.9378	220.81	55.525	24.791	786.8	26.819	0
"2011-11-10	14:00:00"	10.676	224.24	57.017	22.515	744.17	26.784	0
"2011-11-10	15:00:00"	10.29	221.05	57.329	21.878	633.78	26.754	0
"2011-11-10	16:00:00"	10.179	218.5	57.556	20.449	464.47	26.736	0
"2011-11-10	17:00:00"	10.461	214.93	56.779	20.034	259.98	26.722	0
"2011-11-10	18:00:00"	8.0735	201.34	53.715	21.746	68.855	26.704	0
"2011-11-10	19:00:00"	5.78	188.69	45.602	27.605	0.32221	26.692	0
"2011-11-10	20:00:00"	6.1677	194.37	42.32	30.903	0.05935	26.689	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-10"	21:00:00"	3.8954	209.14	40.324	32.916	0.08076	26.692	0
"2011-11-10"	22:00:00"	2.3016	203.57	40.184	33.219	0.07589	26.68	0
"2011-11-10"	23:00:00"	2.2289	197.82	38.104	35.754	0.06359	26.669	0
"2011-11-11"	00:00:00"	2.4408	213.28	36.225	38.818	0.0814	26.651	0
"2011-11-11"	01:00:00"	3.1976	249.96	35.385	39.496	0.08098	26.633	0
"2011-11-11"	02:00:00"	3.1957	281.28	37.194	39.444	0.08225	26.604	0
"2011-11-11"	03:00:00"	2.4258	248.43	32.114	45.894	0.05193	26.598	0
"2011-11-11"	04:00:00"	1.8536	238.19	30.988	49.709	0.07144	26.571	0
"2011-11-11"	05:00:00"	2.7502	247.96	31.98	48.968	0.08712	26.556	0
"2011-11-11"	06:00:00"	3.8438	253.74	30.95	50.271	0.05533	26.545	0
"2011-11-11"	07:00:00"	3.4287	230.8	29.618	52.23	0.11828	26.545	0
"2011-11-11"	08:00:00"	1.9741	243.06	29.734	52.589	72.164	26.547	0
"2011-11-11"	09:00:00"	4.1408	225.42	37.663	41.555	184.61	26.553	0
"2011-11-11"	10:00:00"	5.8533	239.28	43.19	34.588	326.33	26.547	0
"2011-11-11"	11:00:00"	10.325	216.41	50.937	27.177	464.34	26.547	0
"2011-11-11"	12:00:00"	11.836	218.08	55.921	22.896	543.24	26.524	0
"2011-11-11"	13:00:00"	10.797	218.05	58.205	21.069	506.39	26.491	0
"2011-11-11"	14:00:00"	11.105	216.56	60.459	19.068	425.81	26.468	0
"2011-11-11"	15:00:00"	11.134	224.36	62.298	17.439	461.31	26.441	0
"2011-11-11"	16:00:00"	10.642	220.79	64.529	16.307	401.31	26.426	0
"2011-11-11"	17:00:00"	11.241	216.05	64.522	16.27	170.28	26.423	0
"2011-11-11"	18:00:00"	7.1538	216.04	61.524	18.037	18.439	26.415	0
"2011-11-11"	19:00:00"	5.5638	197.26	57.032	21.509	0.06063	26.423	0
"2011-11-11"	20:00:00"	6.7934	195.19	55.305	23.522	0.06974	26.415	0
"2011-11-11"	21:00:00"	6.2417	192.41	52.395	25.979	0.0725	26.403	0
"2011-11-11"	22:00:00"	8.2443	198.15	54.209	25.171	0.06868	26.397	0
"2011-11-11"	23:00:00"	5.8285	201.77	50.044	28.902	0.07419	26.385	0
"2011-11-12"	00:00:00"	4.8877	202.22	48.389	30.89	0.07419	26.367	0
"2011-11-12"	01:00:00"	7.7056	194.94	50.336	28.903	0.07419	26.361	0
"2011-11-12"	02:00:00"	5.8906	224.7	48.178	31.224	0.07038	26.356	0
"2011-11-12"	03:00:00"	3.3598	234.62	46.057	33.814	0.07313	26.338	0
"2011-11-12"	04:00:00"	4.0824	234.28	43.894	36.179	0.07864	26.344	0
"2011-11-12"	05:00:00"	5.9614	233.05	46.374	33.645	0.06889	26.32	0
"2011-11-12"	06:00:00"	5.6911	237.62	48.569	30.824	0.07822	26.326	0
"2011-11-12"	07:00:00"	7.997	230.07	49.318	29.973	0.06677	26.335	0
"2011-11-12"	08:00:00"	7.0569	218.68	50.871	28.144	3.9036	26.347	0
"2011-11-12"	09:00:00"	6.1938	231.61	51.78	27.669	45.881	26.358	0
"2011-11-12"	10:00:00"	10.609	214.05	56.747	23.616	200.14	26.376	0
"2011-11-12"	11:00:00"	12.906	229.75	63.231	19.483	500.38	26.373	0
"2011-11-12"	12:00:00"	16.648	246.29	68.589	16.658	611.46	26.37	0
"2011-11-12"	13:00:00"	18.066	261.71	72.263	14.973	666.48	26.338	0
"2011-11-12"	14:00:00"	19.666	257.9	72.576	15.108	649.05	26.332	0
"2011-11-12"	15:00:00"	17.182	240.73	72.682	15.222	450.97	26.32	0
"2011-11-12"	16:00:00"	14.169	256.52	72.104	15.94	251.54	26.317	0
"2011-11-12"	17:00:00"	13.787	247	71.2	16.764	158.13	26.329	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-12	18:00:00"	10.189	255.3	69.239	18.146	30.385	26.329	0
"2011-11-12	19:00:00"	3.8972	222.45	64.752	20.642	0.0814	26.335	0
"2011-11-12	20:00:00"	5.6743	227.35	62.93	21.769	0.05851	26.347	0
"2011-11-12	21:00:00"	4.5901	240.49	60.753	22.173	0.06805	26.358	0
"2011-11-12	22:00:00"	9.0322	236.86	62.475	21.26	0.0513	26.361	0
"2011-11-12	23:00:00"	8.0157	230.5	62.095	21.995	0.06974	26.358	0
"2011-11-13	00:00:00"	4.0861	250.03	58.978	24.612	0.06211	26.353	0
"2011-11-13	01:00:00"	6.0354	228.78	57.127	26.686	0.07695	26.35	0
"2011-11-13	02:00:00"	9.274	233.37	58.842	27.291	0.07356	26.335	0
"2011-11-13	03:00:00"	7.3751	225.94	57.727	29.513	0.06529	26.326	0
"2011-11-13	04:00:00"	7.1271	248.59	57.249	32.579	0.07292	26.329	0
"2011-11-13	05:00:00"	4.746	250.2	56.436	36.85	0.08882	26.32	0
"2011-11-13	06:00:00"	4.925	234.05	54.018	41.766	0.06444	26.326	0
"2011-11-13	07:00:00"	3.6002	243.45	54.007	43.674	0.08373	26.323	0
"2011-11-13	08:00:00"	3.4753	243.88	51.213	48.38	56.961	26.332	0
"2011-11-13	09:00:00"	5.1033	233.88	56.18	43.476	198.84	26.338	0
"2011-11-13	10:00:00"	8.4482	223.09	60.395	39.571	317.15	26.344	0
"2011-11-13	11:00:00"	10.927	246.36	66.933	35.144	577.05	26.347	0
"2011-11-13	12:00:00"	12.792	232.14	69.652	32.163	671.09	26.347	0
"2011-11-13	13:00:00"	12.032	238.8	71.177	29.305	658.24	26.311	0
"2011-11-13	14:00:00"	13.277	248.54	71.846	29.519	460.38	26.291	0
"2011-11-13	15:00:00"	11.044	255.28	72.062	29.858	361.93	26.279	0
"2011-11-13	16:00:00"	10.018	250.86	72.478	30.568	221.42	26.285	0
"2011-11-13	17:00:00"	10.602	242.46	71.927	31.597	126.17	26.282	0
"2011-11-13	18:00:00"	8.583	229.05	70.051	33.408	28.573	26.294	0
"2011-11-13	19:00:00"	4.8715	200.75	65.809	38.289	0.07758	26.294	0
"2011-11-13	20:00:00"	6.8817	226.69	66.021	38.321	0.05257	26.32	0
"2011-11-13	21:00:00"	4.4677	200.3	63.316	41.697	0.0496	26.332	0
"2011-11-13	22:00:00"	2.7589	237.81	60.721	45.541	0.07144	26.332	0
"2011-11-13	23:00:00"	2.0213	258.4	59.659	46.572	0.07843	26.341	0
"2011-11-14	00:00:00"	3.5909	267.48	59.28	47.446	0.06423	26.344	0
"2011-11-14	00:00:00"	4.0265	257	60.08	46.7	0	26.344	0
"2011-11-14	01:00:00"	4.4204	259.1	60.139	47.436	0.07589	26.338	0
"2011-11-14	02:00:00"	5.0567	257.67	61.848	50.512	0.0655	26.332	0
"2011-11-14	03:00:00"	4.4186	265.43	60.677	53.956	0.05639	26.332	0
"2011-11-14	04:00:00"	4.4913	293.18	60.748	54.023	0.06381	26.326	0
"2011-11-14	05:00:00"	2.7676	226.01	57.783	60.478	0.05363	26.323	0
"2011-11-14	06:00:00"	3.7071	252.76	56.407	63.818	0.05172	26.341	0
"2011-11-14	07:00:00"	7.0321	239.56	59.056	56.915	0.07525	26.37	0
"2011-11-14	08:00:00"	6.7431	272.14	59.059	56.272	16.424	26.335	0
"2011-11-14	09:00:00"	7.229	270.86	60.574	53.887	198.22	26.376	0
"2011-11-14	10:00:00"	8.235	252.16	62.22	50.25	132.72	26.37	0
"2011-11-14	11:00:00"	10.65	223.28	64.693	46.413	247.16	26.376	0
"2011-11-14	12:00:00"	13.896	223.05	66.174	44.985	311.93	26.361	0
"2011-11-14	13:00:00"	16.804	224.43	69.005	38.674	528.33	26.302	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-14	14:00:00"	19.221	235.62	70.459	34.77	565.97	26.27	0
"2011-11-14	15:00:00"	18.631	231.11	71.298	33.727	381.26	26.252	0
"2011-11-14	16:00:00"	18.081	227.51	70.973	32.862	176.69	26.246	0
"2011-11-14	17:00:00"	14.603	221.08	70.452	34.28	118.66	26.249	0
"2011-11-14	18:00:00"	12.775	226.42	69.219	36.495	18.534	26.267	0
"2011-11-14	19:00:00"	7.7013	221.92	67.032	40.451	0.09285	26.285	0
"2011-11-14	20:00:00"	7.0445	185.96	63.491	47.513	0.05427	26.294	0
"2011-11-14	21:00:00"	4.3831	208.1	60.336	52.728	0.06444	26.294	0
"2011-11-14	22:00:00"	3.2231	209.39	56.864	58.517	0.07377	26.291	0
"2011-11-14	23:00:00"	4.2893	196.85	55.344	61.945	0.07313	26.299	0
"2011-11-15	00:00:00"	2.9782	227.29	55.376	62.224	0.06317	26.299	0
"2011-11-15	01:00:00"	2.3326	253.06	52.627	66.591	0.07271	26.288	0
"2011-11-15	02:00:00"	1.7349	216.15	50.741	68.403	0.0744	26.296	0
"2011-11-15	03:00:00"	2.3997	296.24	50.958	67.96	0.05617	26.276	0
"2011-11-15	04:00:00"	2.3569	265.6	50.83	67.408	0.05299	26.282	0
"2011-11-15	05:00:00"	2.8428	230.67	45.913	75.885	0.06677	26.273	0
"2011-11-15	06:00:00"	2.8608	285.5	45.572	78.341	0.06571	26.291	0
"2011-11-15	07:00:00"	2.9758	321.92	46.54	77.761	0.06762	26.305	0
"2011-11-15	08:00:00"	3.3442	326.31	46.135	76.69	43.272	26.317	0
"2011-11-15	09:00:00"	6.2199	340.74	53.301	48.791	251.8	26.341	0
"2011-11-15	10:00:00"	9.95	318.26	59.338	35.761	458.47	26.356	0
"2011-11-15	11:00:00"	11.949	314.73	62.72	29.075	617.87	26.358	0
"2011-11-15	12:00:00"	11.232	309.35	66.268	20.393	716.98	26.338	0
"2011-11-15	13:00:00"	10.59	307.11	68.689	15.044	748.04	26.305	0
"2011-11-15	14:00:00"	8.7918	307.06	70.358	14.104	628.62	26.323	0.05
"2011-11-15	15:00:00"	7.0755	294.17	71.071	13.996	595.34	26.317	0
"2011-11-15	16:00:00"	7.5037	287.13	70.834	13.525	435.67	26.314	0
"2011-11-15	17:00:00"	7.3558	283.97	70.178	20.097	235.5	26.32	0
"2011-11-15	18:00:00"	3.8475	295.44	67.172	22.023	53.361	26.326	0
"2011-11-15	19:00:00"	1.5659	15.479	60.204	26.929	0.24568	26.338	0
"2011-11-15	20:00:00"	1.4571	74.661	55.803	31.002	0.06699	26.35	0
"2011-11-15	21:00:00"	1.4876	46.671	52.829	33.867	0.06126	26.361	0
"2011-11-15	22:00:00"	1.9828	331.55	52.497	32.086	0.09433	26.379	0
"2011-11-15	23:00:00"	5.327	332.81	51.913	33.155	0.07695	26.385	0
"2011-11-16	00:00:00"	4.367	324.97	50.05	35.927	0.07483	26.391	0
"2011-11-16	01:00:00"	4.3602	332.58	48.927	37.502	0.06826	26.388	0
"2011-11-16	02:00:00"	4.3459	334.79	48.793	38.086	0.07398	26.385	0
"2011-11-16	03:00:00"	6.681	5.9181	47.928	39.149	0.08182	26.394	0
"2011-11-16	04:00:00"	6.4815	6.2437	45.893	41.446	0.07144	26.394	0
"2011-11-16	05:00:00"	6.1572	2.9327	43.549	46.542	0.0903	26.397	0
"2011-11-16	06:00:00"	5.2879	2.3657	41.522	53.134	0.07186	26.415	0
"2011-11-16	07:00:00"	6.7226	26.814	41.284	56.803	0.07992	26.444	0
"2011-11-16	08:00:00"	3.8096	352.45	38.918	60.484	44.424	26.474	0
"2011-11-16	09:00:00"	2.6029	2.3027	44.267	53.201	251.25	26.509	0
"2011-11-16	10:00:00"	2.7558	30.041	51.017	42.473	459.69	26.53	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-16	11:00:00"	3.0565	327.39	56.845	34.518	618.34	26.542	0
"2011-11-16	12:00:00"	6.1889	348.71	62.179	28.617	475.31	26.494	0
"2011-11-16	13:00:00"	14.584	328.09	64.763	22.897	740.41	26.494	0
"2011-11-16	14:00:00"	14.131	341.62	65.37	20.976	702.83	26.494	0
"2011-11-16	15:00:00"	13.041	354.19	65.817	20.331	592.8	26.506	0
"2011-11-16	16:00:00"	13.801	12.299	64.716	21.939	424.9	26.539	0
"2011-11-16	17:00:00"	12.933	28.183	61.909	23.611	231.69	26.571	0
"2011-11-16	18:00:00"	11.976	43.991	57.494	28.491	54.828	26.598	0
"2011-11-16	19:00:00"	10.449	56.128	51.962	35.603	0.22109	26.63	0
"2011-11-16	20:00:00"	12.149	55.006	48.453	40.489	0.07059	26.651	0
"2011-11-16	21:00:00"	12.215	67.481	46.266	43.384	0.06911	26.669	0
"2011-11-16	22:00:00"	15.348	69.603	44.373	44.838	0.07864	26.689	0
"2011-11-16	23:00:00"	13.092	75.068	41.881	44.513	0.05172	26.707	0
"2011-11-17	00:00:00"	10.998	68.867	38.894	46.361	0.07186	26.731	0
"2011-11-17	01:00:00"	8.3953	52.966	35.767	46.664	0.06868	26.76	0
"2011-11-17	02:00:00"	6.3796	47.611	31.81	49.291	0.07674	26.769	0
"2011-11-17	03:00:00"	4.6012	70.303	30.453	49.632	0.07716	26.787	0
"2011-11-17	04:00:00"	4.7317	39.365	28.113	53.213	0.06465	26.787	0
"2011-11-17	05:00:00"	8.4146	46.152	27.343	55.286	0.092	26.769	0
"2011-11-17	06:00:00"	7.0992	47.058	26.824	58.142	0.0761	26.787	0
"2011-11-17	07:00:00"	2.9782	23.541	25.167	63.865	0.08098	26.81	0
"2011-11-17	08:00:00"	4.4235	16.356	24.71	66.858	42.45	26.819	0
"2011-11-17	09:00:00"	6.7326	52.078	30.156	57.423	245.06	26.816	0
"2011-11-17	10:00:00"	7.8429	99.424	35.688	44.908	453.35	26.804	0
"2011-11-17	11:00:00"	7.6975	129.2	41.227	35.611	615.29	26.79	0
"2011-11-17	12:00:00"	9.9606	174.55	44.649	32.622	715.1	26.754	0
"2011-11-17	13:00:00"	9.3019	169.35	47.609	30.431	745.55	26.698	0
"2011-11-17	14:00:00"	11.19	183.2	50.931	27.961	702.8	26.654	0
"2011-11-17	15:00:00"	11.524	186.56	52.626	29.236	592.82	26.621	0
"2011-11-17	16:00:00"	11.51	187.7	53.427	28.288	428.07	26.598	0
"2011-11-17	17:00:00"	10.609	186.51	53.241	28.806	231.16	26.583	0
"2011-11-17	18:00:00"	8.3425	178.78	51.058	30.716	54.745	26.562	0
"2011-11-17	19:00:00"	5.8732	176.35	45.839	35.963	0.23551	26.562	0
"2011-11-17	20:00:00"	3.7692	157.35	43.403	39.132	0.06232	26.559	0
"2011-11-17	21:00:00"	3.1311	131.09	42.003	40.947	0.08628	26.55	0
"2011-11-17	22:00:00"	4.587	137.68	41.934	43.853	0.0761	26.542	0
"2011-11-17	23:00:00"	3.1771	144.18	41.311	48.637	0.05575	26.53	0
"2011-11-18	00:00:00"	3.5648	163.88	39.472	58.103	0.07313	26.506	0
"2011-11-18	01:00:00"	6.0372	185.7	39.319	67.066	0.08649	26.488	0
"2011-11-18	02:00:00"	8.7452	189.62	40.03	72.004	0.08119	26.471	0
"2011-11-18	03:00:00"	8.1145	192.22	38.391	79.051	0.06041	26.453	0
"2011-11-18	04:00:00"	4.8442	202.97	36.911	85.426	0.07271	26.45	0
"2011-11-18	05:00:00"	3.9271	209.93	35.853	90.254	0.06317	26.435	0
"2011-11-18	06:00:00"	3.914	213.22	35.166	93.463	0.05066	26.432	0
"2011-11-18	07:00:00"	3.9035	210.56	35.154	94.623	0.0602	26.429	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-18	08:00:00"	5.1418	211.15	35.351	95.484	25.912	26.432	0
"2011-11-18	09:00:00"	9.2584	204.86	39.618	94.293	169.19	26.441	0
"2011-11-18	10:00:00"	12.892	194.87	44.784	80.378	431.01	26.435	0
"2011-11-18	11:00:00"	11.912	202.35	50.482	64.255	616.7	26.426	0
"2011-11-18	12:00:00"	11.491	206.45	56.847	48.88	716.1	26.403	0
"2011-11-18	13:00:00"	13.991	209.96	61.034	40.957	746.6	26.361	0
"2011-11-18	14:00:00"	14.745	216.48	64.886	34.046	704.7	26.326	0
"2011-11-18	15:00:00"	13.976	220.45	68.767	26.796	591.68	26.302	0
"2011-11-18	16:00:00"	16.661	230.27	72.048	18.326	426.23	26.282	0
"2011-11-18	17:00:00"	18.987	227.61	72.021	16.862	231.78	26.276	0
"2011-11-18	18:00:00"	13.423	228.68	69.585	16.562	53.161	26.282	0
"2011-11-18	19:00:00"	9.8121	230.48	64.125	19.424	0.20753	26.291	0
"2011-11-18	20:00:00"	7.4185	235.37	60.445	21.954	0.06169	26.291	0
"2011-11-18	21:00:00"	9.3659	217.12	58.615	22.868	0.05257	26.294	0
"2011-11-18	22:00:00"	6.1062	183.01	55.091	28.824	0.06677	26.296	0
"2011-11-18	23:00:00"	8.5389	199.38	49.46	58.978	0.07568	26.299	0
"2011-11-19	00:00:00"	9.31	208.54	48.51	72.185	0.06402	26.308	0
"2011-11-19	01:00:00"	7.3154	221.82	45.897	81.88	0.07398	26.299	0
"2011-11-19	02:00:00"	6.1634	219.83	45.733	85.011	0.07017	26.291	0
"2011-11-19	03:00:00"	4.9952	226.27	44.123	91.128	0.06063	26.294	0
"2011-11-19	04:00:00"	5.4587	219.96	42.696	93.993	0.07059	26.285	0
"2011-11-19	05:00:00"	4.0768	245.25	41.4	95.22	0.07589	26.282	0
"2011-11-19	06:00:00"	3.8537	223.86	39.38	95.395	0.08076	26.282	0
"2011-11-19	07:00:00"	3.8345	220.39	40.342	95.856	0.0708	26.291	0
"2011-11-19	08:00:00"	1.8933	259.86	41.102	89.637	48.061	26.308	0
"2011-11-19	09:00:00"	3.0801	225.3	43.625	78.081	229.82	26.335	0
"2011-11-19	10:00:00"	6.4809	216.17	52.649	53.549	462.33	26.353	0
"2011-11-19	11:00:00"	9.8817	210.94	59.23	34.858	528.23	26.356	0
"2011-11-19	12:00:00"	11.758	215.41	65.81	26.743	733.66	26.335	0
"2011-11-19	13:00:00"	15.116	235.02	69.791	20.222	419.77	26.308	0
"2011-11-19	14:00:00"	16.912	235.77	70.228	19.806	327.62	26.294	0
"2011-11-19	15:00:00"	15.334	232.87	70.69	19.274	333.45	26.285	0
"2011-11-19	16:00:00"	14.027	246.9	71.437	17.351	233.19	26.291	0
"2011-11-19	17:00:00"	10.966	234.15	70.912	16.593	125.18	26.299	0
"2011-11-19	18:00:00"	12.345	220.34	68.619	17.747	42.219	26.32	0
"2011-11-19	19:00:00"	12.745	216.42	64.619	20.118	0.07992	26.332	0
"2011-11-19	20:00:00"	14.27	223.61	62.985	20.21	0.0477	26.344	0
"2011-11-19	21:00:00"	11.942	236.6	62.563	21.24	0.05024	26.37	0
"2011-11-19	22:00:00"	9.8021	240.48	61.423	23.547	0.05384	26.379	0
"2011-11-19	23:00:00"	6.159	260.35	59.284	26.093	0.0566	26.394	0
"2011-11-20	00:00:00"	2.9341	250.45	56.473	29.199	0.07356	26.4	0
"2011-11-20	01:00:00"	3.9401	287.8	57.354	29.121	0.06317	26.397	0
"2011-11-20	02:00:00"	7.1333	306.18	60.485	26.123	0.05893	26.397	0
"2011-11-20	03:00:00"	4.5658	263.7	57.806	29.18	0.05914	26.388	0
"2011-11-20	04:00:00"	5.0089	180.18	53.508	33.356	0.07144	26.423	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-20	05:00:00"	1.9026	215.07	51.607	34.436	0.06847	26.423	0
"2011-11-20	06:00:00"	1.7858	329.1	51.374	34.31	0.0655	26.435	0
"2011-11-20	07:00:00"	1.9412	326.85	52.98	32.337	0.07017	26.447	0
"2011-11-20	08:00:00"	2.9316	21.523	54.196	30.901	9.2614	26.468	0
"2011-11-20	09:00:00"	4.1048	31.956	55.602	31.16	61.839	26.506	0
"2011-11-20	10:00:00"	12.428	48.598	48.969	42.855	147.96	26.533	0
"2011-11-20	11:00:00"	13.061	38.948	50.047	42.448	577.16	26.536	0
"2011-11-20	12:00:00"	12.655	43.994	54.61	36.507	673.2	26.53	0
"2011-11-20	13:00:00"	10.967	59.639	57.138	33.566	646.06	26.509	0
"2011-11-20	14:00:00"	10.186	67.856	59.142	31.251	555.7	26.488	0
"2011-11-20	15:00:00"	9.6598	74.634	60.579	30.065	477.1	26.48	0
"2011-11-20	16:00:00"	8.7327	78.986	61.378	31.031	315.08	26.474	0
"2011-11-20	17:00:00"	9.1584	90.507	61.84	34.899	230.99	26.477	0
"2011-11-20	18:00:00"	6.0528	82.1	59.175	39.79	53.767	26.485	0
"2011-11-20	19:00:00"	6.0161	84.77	52.744	55.776	0.14945	26.494	0
"2011-11-20	20:00:00"	7.3626	92.062	49.98	63.044	0.06593	26.509	0
"2011-11-20	21:00:00"	7.3837	94.88	48.541	63.884	0.05045	26.515	0
"2011-11-20	22:00:00"	7.4987	85.902	46.637	65.774	0.0566	26.53	0
"2011-11-20	23:00:00"	5.8564	82.095	43.472	71.829	0.05935	26.518	0
"2011-11-21	00:00:00"	7.9349	68.129	41.926	77.601	0.05342	26.509	0
"2011-11-21	01:00:00"	7.5683	87.223	43.823	91.136	0.05829	26.5	0
"2011-11-21	02:00:00"	6.8724	80.126	46.303	95.806	0.0725	26.483	0
"2011-11-21	03:00:00"	6.9494	65.2	47.045	95.866	0.0744	26.468	0
"2011-11-21	04:00:00"	6.9892	55.048	46.977	95.978	0.08437	26.456	0
"2011-11-21	05:00:00"	8.9235	62.585	46.506	96.01	0.0884	26.456	0
"2011-11-21	06:00:00"	10.209	72.664	46.608	96.235	0.05766	26.441	0
"2011-11-21	07:00:00"	10.657	76.234	46.225	96.288	0.05935	26.447	0
"2011-11-21	08:00:00"	10.363	68.49	45.945	96.313	1.3688	26.459	0
"2011-11-21	09:00:00"	10.596	76.642	45.506	96.332	14.922	26.456	0
"2011-11-21	10:00:00"	11.034	80.936	45.356	96.402	41.52	26.423	0
"2011-11-21	11:00:00"	11.229	82.889	45.493	96.481	85.426	26.418	0
"2011-11-21	12:00:00"	6.333	80.498	46.463	96.447	106.89	26.423	0
"2011-11-21	13:00:00"	5.629	76.64	47.105	96.306	144.83	26.391	0
"2011-11-21	14:00:00"	4.2005	89.38	48.133	96.278	203.11	26.356	0
"2011-11-21	15:00:00"	1.088	99.12	49.977	96.169	209.5	26.356	0
"2011-11-21	16:00:00"	0.29018	243.81	51.897	95.622	153.08	26.364	0
"2011-11-21	17:00:00"	0.63007	299.6	53.945	91.537	219.55	26.394	0
"2011-11-21	18:00:00"	5.1891	291.8	54.685	83.783	45.781	26.4	0
"2011-11-21	19:00:00"	2.99	7.6595	51.513	74.072	0.17616	26.418	0
"2011-11-21	20:00:00"	2.4432	245.01	49.965	74.929	0.07589	26.435	0
"2011-11-21	21:00:00"	3.4859	283.92	52.613	60.552	0.05045	26.45	0
"2011-11-21	22:00:00"	3.5977	277.15	51.002	60.634	0.0549	26.459	0
"2011-11-21	23:00:00"	8.2829	294.05	51.369	59.943	0.05639	26.477	0
"2011-11-22	00:00:00"	6.0105	291.8	49.679	60.959	0.08712	26.491	0
"2011-11-22	01:00:00"	4.0812	237.7	45.353	67.873	0.08628	26.494	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-22	02:00:00"	4.4037	260.91	43.461	71.054	0.06868	26.494	0
"2011-11-22	03:00:00"	3.8276	216.25	41.754	73.38	0.07801	26.488	0
"2011-11-22	04:00:00"	3.1361	224.26	41.145	73.571	0.05384	26.491	0
"2011-11-22	05:00:00"	2.9198	201.31	39.938	75.698	0.07907	26.5	0
"2011-11-22	06:00:00"	3.0348	226.17	40.27	75.513	0.05236	26.509	0
"2011-11-22	07:00:00"	6.5946	283.85	43.94	66.94	0.10069	26.533	0
"2011-11-22	08:00:00"	9.9239	304.02	43.721	65.883	35.21	26.553	0
"2011-11-22	09:00:00"	11.453	310.95	46.604	60.561	229.44	26.583	0
"2011-11-22	10:00:00"	13.955	318.33	52.722	48.915	430.76	26.607	0
"2011-11-22	11:00:00"	13.854	316.46	58.055	39.177	589.94	26.609	0
"2011-11-22	12:00:00"	12.13	331.91	62.495	31.565	688.58	26.601	0
"2011-11-22	13:00:00"	12.184	351.21	65.041	26.844	719.72	26.58	0
"2011-11-22	14:00:00"	9.5126	336.98	66.568	24.272	680.79	26.568	0
"2011-11-22	15:00:00"	8.9366	335.1	67.515	23.103	575.85	26.565	0
"2011-11-22	16:00:00"	7.6702	341.11	67.816	22.499	415.24	26.571	0
"2011-11-22	17:00:00"	7.0215	336.79	67.374	21.826	225.69	26.586	0
"2011-11-22	18:00:00"	3.8985	357.71	64.583	23.657	53.204	26.595	0
"2011-11-22	19:00:00"	3.796	17.102	59.729	27.619	0.14245	26.609	0
"2011-11-22	20:00:00"	4.211	24.188	56.767	30.129	0.07207	26.63	0
"2011-11-22	21:00:00"	3.8133	78.949	49.655	50.727	0.06105	26.654	0
"2011-11-22	22:00:00"	3.3529	107.26	46.522	78.342	0.07504	26.669	0
"2011-11-22	23:00:00"	4.0749	97.801	45.769	85.609	0.06169	26.674	0
"2011-11-23	00:00:00"	3.4623	85.836	43.844	90.21	0.06826	26.674	0
"2011-11-23	01:00:00"	3.402	97.502	42.733	92.728	0.06783	26.677	0
"2011-11-23	02:00:00"	1.6982	107.07	41.406	94.915	0.06211	26.674	0
"2011-11-23	03:00:00"	1.5615	319.49	41.944	96.13	0.05702	26.672	0
"2011-11-23	04:00:00"	2.8645	338.78	40.553	95.698	0.07165	26.672	0
"2011-11-23	05:00:00"	4.7361	25.153	35.695	94.751	0.0778	26.666	0
"2011-11-23	06:00:00"	4.5994	21.692	32.843	96.224	0.08076	26.674	0
"2011-11-23	07:00:00"	4.5863	25.338	33.743	96.123	0.07525	26.686	0
"2011-11-23	08:00:00"	4.4894	21.313	34.832	96.221	42.493	26.695	0
"2011-11-23	09:00:00"	3.1535	39.495	40.478	95.901	257.49	26.713	0.01
"2011-11-23	10:00:00"	3.9277	121.36	51.205	76.02	439.81	26.725	0
"2011-11-23	11:00:00"	6.264	181.89	58.006	48.309	587.56	26.725	0
"2011-11-23	12:00:00"	6.8363	192.7	62.283	34.833	685.93	26.704	0
"2011-11-23	13:00:00"	9.5045	200.54	66.033	26.438	718.05	26.68	0
"2011-11-23	14:00:00"	11.342	198.24	67.641	22.887	680.28	26.648	0
"2011-11-23	15:00:00"	10.824	204.38	68.246	21.718	576.77	26.633	0
"2011-11-23	16:00:00"	10.098	193.37	68.571	20.341	418.73	26.624	0
"2011-11-23	17:00:00"	9.466	187.23	67.825	20.478	227.45	26.624	0
"2011-11-23	18:00:00"	6.3858	163.57	63.638	22.294	53.428	26.618	0
"2011-11-23	19:00:00"	5.1089	146.55	56.71	26.849	0.09645	26.633	0
"2011-11-23	20:00:00"	5.1965	128.52	54.762	28.213	0.06296	26.639	0
"2011-11-23	21:00:00"	6.2435	113.8	53.32	29.487	0.0477	26.639	0
"2011-11-23	22:00:00"	6.6754	123.26	52.271	30.726	0.06953	26.642	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-23	23:00:00"	7.2545	141.23	51.885	35.672	0.05321	26.645	0
"2011-11-24	00:00:00"	6.9152	148.77	49.887	40.66	0.05851	26.627	0
"2011-11-24	01:00:00"	6.3628	157.49	48.546	44.774	0.06063	26.621	0
"2011-11-24	02:00:00"	5.5439	146.39	45.998	50.124	0.06508	26.615	0
"2011-11-24	03:00:00"	4.2135	137.49	45.362	54.262	0.0884	26.604	0
"2011-11-24	04:00:00"	6.1211	175.08	44.251	63.076	0.09475	26.589	0
"2011-11-24	05:00:00"	5.8925	167.32	43.443	70.155	0.06889	26.58	0
"2011-11-24	06:00:00"	5.5712	162.65	43.388	74.469	0.09391	26.577	0
"2011-11-24	07:00:00"	3.5462	140.51	43.179	76.113	0.06656	26.58	0
"2011-11-24	08:00:00"	4.1191	101.45	42.601	78.124	25.417	26.586	0
"2011-11-24	09:00:00"	4.8709	134.75	46.506	74.381	217.6	26.595	0
"2011-11-24	10:00:00"	10.448	185.46	53.23	59.797	414.12	26.592	0
"2011-11-24	11:00:00"	11.627	184.35	58.731	48.55	511.88	26.589	0
"2011-11-24	12:00:00"	9.7686	189.83	62.686	40.393	605.03	26.574	0
"2011-11-24	13:00:00"	11.445	199.74	65.394	35.662	695.36	26.545	0
"2011-11-24	14:00:00"	10.584	203.79	69.189	28.926	636.78	26.524	0
"2011-11-24	15:00:00"	11.436	194.43	71.204	25.038	431.61	26.497	0
"2011-11-24	16:00:00"	12.037	186.78	70.937	25.366	255.08	26.494	0
"2011-11-24	17:00:00"	10.72	186.78	69.686	26.42	126.73	26.485	0
"2011-11-24	18:00:00"	6.7375	175.38	66.898	29.847	37.759	26.477	0
"2011-11-24	19:00:00"	5.7514	153.22	60.34	36.643	0.11171	26.474	0
"2011-11-24	20:00:00"	6.8537	158.69	58.213	41.241	0.03688	26.477	0
"2011-11-24	21:00:00"	7.6211	163.56	56.927	46.166	0.07271	26.48	0
"2011-11-24	22:00:00"	6.9295	182.44	54.98	54.384	0.07674	26.474	0
"2011-11-24	23:00:00"	9.9805	183.26	54.852	59.304	0.08458	26.468	0
"2011-11-25	00:00:00"	11.085	176.29	53.655	63.198	0.08225	26.45	0
"2011-11-25	01:00:00"	9.1783	182.59	52.135	66.104	0.05829	26.429	0
"2011-11-25	02:00:00"	6.8152	186	50.892	68.355	0.05893	26.418	0
"2011-11-25	03:00:00"	6.305	191.9	50.354	69.651	0.06826	26.4	0
"2011-11-25	04:00:00"	5.2792	200.86	49.194	72.556	0.06847	26.385	0
"2011-11-25	05:00:00"	4.8622	195.26	48.9	73.702	0.06296	26.37	0
"2011-11-25	06:00:00"	2.524	270.04	48.749	73.966	0.06465	26.358	0
"2011-11-25	07:00:00"	4.3247	63.874	46.879	76.846	0.05893	26.35	0
"2011-11-25	08:00:00"	4.8361	51.398	44.833	81.126	12.773	26.353	0
"2011-11-25	09:00:00"	2.0704	322.11	46.397	78.677	56.96	26.37	0
"2011-11-25	10:00:00"	5.6209	259.28	50.071	74.694	86.421	26.382	0
"2011-11-25	11:00:00"	5.386	276.18	51.128	75.406	98.029	26.373	0
"2011-11-25	12:00:00"	5.2823	166.98	50.222	83.804	66.611	26.341	0.02
"2011-11-25	13:00:00"	7.9778	155.74	50.905	87.493	223.9	26.294	0
"2011-11-25	14:00:00"	10.318	183.5	54.294	78.984	323.57	26.288	0
"2011-11-25	15:00:00"	10.826	208.21	56.329	70.473	246.42	26.276	0
"2011-11-25	16:00:00"	11.273	203.7	58.015	63.289	370.06	26.288	0
"2011-11-25	17:00:00"	11.319	206.5	56.302	67.983	165.58	26.267	0.01
"2011-11-25	18:00:00"	10.165	224.02	55.325	71.428	42.942	26.273	0
"2011-11-25	19:00:00"	8.7315	229.61	53.58	70.773	0.1132	26.296	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-25	20:00:00"	6.6176	236.48	52.548	65.788	0.05851	26.314	0
"2011-11-25	21:00:00"	8.5631	258.33	51.444	64.693	0.06529	26.326	0
"2011-11-25	22:00:00"	8.8545	258.78	51.001	62.942	0.05596	26.326	0
"2011-11-25	23:00:00"	9.7282	254.73	49.446	66.267	0.06487	26.329	0
"2011-11-26	00:00:00"	7.4813	248.01	47.223	71.339	0.0797	26.335	0
"2011-11-26	01:00:00"	6.5051	273.23	47.481	68.743	0.0797	26.341	0
"2011-11-26	02:00:00"	5.1661	287.07	46.124	69.795	0.07928	26.353	0
"2011-11-26	03:00:00"	7.9486	297.38	46.866	66.302	0.06868	26.367	0
"2011-11-26	04:00:00"	7.5074	307.18	45.882	67.134	0.06402	26.397	0
"2011-11-26	05:00:00"	8.0977	343.83	42.4	71.372	0.08225	26.426	0
"2011-11-26	06:00:00"	8.1468	352.91	42.348	73.78	0.07356	26.471	0
"2011-11-26	07:00:00"	13.603	5.1183	44.313	72.993	0.06084	26.521	0
"2011-11-26	08:00:00"	16.153	7.8448	44.106	70.321	6.2186	26.562	0
"2011-11-26	09:00:00"	24.074	16.9	46.397	52.589	225.08	26.604	0
"2011-11-26	10:00:00"	32.011	11.439	46.139	42.878	385.92	26.669	0
"2011-11-26	11:00:00"	29.381	16.625	44.244	44.707	499.7	26.734	0
"2011-11-26	12:00:00"	29.019	19.259	45.926	32.115	512.14	26.716	0
"2011-11-26	13:00:00"	31.013	10.544	45.951	27.654	376.53	26.71	0
"2011-11-26	14:00:00"	31.217	9.622	47.192	21.694	504.46	26.713	0
"2011-11-26	15:00:00"	26.579	5.5998	47.656	19.043	440.17	26.728	0
"2011-11-26	16:00:00"	25.383	359.1	47.852	17.819	369.48	26.745	0
"2011-11-26	17:00:00"	24.243	2.0068	46.693	20.242	191.71	26.763	0
"2011-11-26	18:00:00"	20.864	4.7078	44.778	22.069	36.924	26.784	0
"2011-11-26	19:00:00"	12.826	5.7081	42.227	25.862	0.1115	26.807	0
"2011-11-26	20:00:00"	10.005	14.012	39.772	28.913	0.05829	26.831	0
"2011-11-26	21:00:00"	8.0853	6.8625	37.335	31.977	0.06423	26.855	0
"2011-11-26	22:00:00"	7.2241	349.86	33.857	36.433	0.07568	26.866	0
"2011-11-26	23:00:00"	7.0929	351.66	31.504	39.467	0.08818	26.866	0
"2011-11-27	00:00:00"	8.0728	355.1	31.747	38.275	0.06508	26.878	0
"2011-11-27	01:00:00"	7.1669	350.37	30.591	39.392	0.07886	26.878	0
"2011-11-27	02:00:00"	4.8809	349.31	27.359	43.497	0.0708	26.878	0
"2011-11-27	03:00:00"	5.9142	354.78	26.18	45.749	0.06805	26.887	0
"2011-11-27	04:00:00"	6.4989	345.34	25.954	45.908	0.08924	26.887	0
"2011-11-27	05:00:00"	7.5024	335.51	26.512	44.598	0.05978	26.875	0
"2011-11-27	06:00:00"	6.7922	334.75	26.943	43.666	0.06487	26.878	0
"2011-11-27	07:00:00"	4.2216	300.7	24.176	48.265	0.07546	26.893	0
"2011-11-27	08:00:00"	5.0704	304.14	25.331	46.313	29.415	26.896	0
"2011-11-27	09:00:00"	5.7688	303.35	30.039	38.864	219.19	26.896	0
"2011-11-27	10:00:00"	7.4925	297.74	37.254	30.529	421.42	26.893	0
"2011-11-27	11:00:00"	9.6915	291.53	43.411	22.801	580.83	26.881	0
"2011-11-27	12:00:00"	9.5001	295.55	46.803	18.946	682.77	26.86	0
"2011-11-27	13:00:00"	10.446	276.85	49.183	18.273	715.3	26.813	0
"2011-11-27	14:00:00"	8.967	280.43	51.868	15.946	678.7	26.781	0
"2011-11-27	15:00:00"	7.3502	301.59	54.416	13.099	575.32	26.76	0
"2011-11-27	16:00:00"	6.9618	302.25	55.502	12.645	414.85	26.748	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-27	17:00:00"	6.251	301.29	55.717	13.18	223.42	26.736	0
"2011-11-27	18:00:00"	3.4878	277.3	53.58	14.559	51.686	26.722	0
"2011-11-27	19:00:00"	1.674	233.93	47.469	17.642	0.12952	26.716	0
"2011-11-27	20:00:00"	1.4155	252.86	44.133	20.126	0.05766	26.713	0
"2011-11-27	21:00:00"	1.8598	332.35	42.073	22.347	0.06995	26.704	0
"2011-11-27	22:00:00"	2.9248	289	42.436	22.706	0.05723	26.695	0
"2011-11-27	23:00:00"	2.7527	268.33	39.907	24.184	0.08585	26.683	0
"2011-11-28	00:00:00"	3.7301	280.98	39.726	25.101	0.06402	26.672	0
"2011-11-28	01:00:00"	6.8661	306.09	42.267	25.084	0.05829	26.657	0
"2011-11-28	02:00:00"	6.2087	303.04	40.092	28.967	0.0884	26.639	0
"2011-11-28	03:00:00"	5.5619	300.93	39.964	31.417	0.05829	26.627	0
"2011-11-28	04:00:00"	5.1307	294.52	38.793	33.951	0.06974	26.612	0
"2011-11-28	05:00:00"	7.2452	302.67	39.127	34.505	0.06529	26.592	0
"2011-11-28	06:00:00"	7.1768	300.26	39.234	35.728	0.06953	26.58	0
"2011-11-28	07:00:00"	6.7829	290.95	37.926	38.149	0.07419	26.577	0
"2011-11-28	08:00:00"	8.181	296.65	38.025	38.394	26.953	26.568	0
"2011-11-28	09:00:00"	8.8862	299.42	41.572	33.94	213	26.568	0
"2011-11-28	10:00:00"	6.512	284.25	48.165	27.969	411.87	26.568	0
"2011-11-28	11:00:00"	9.571	282.39	57.433	19.169	569.71	26.568	0
"2011-11-28	12:00:00"	11.236	275.66	62.304	16.128	666.44	26.55	0
"2011-11-28	13:00:00"	10.634	296.42	65.548	14.246	698.79	26.527	0
"2011-11-28	14:00:00"	9.7636	295.09	68.974	12.595	662.06	26.5	0
"2011-11-28	15:00:00"	8.903	288.9	71.629	11.4	561.17	26.488	0
"2011-11-28	16:00:00"	8.4053	278.69	72.355	11.265	404.89	26.48	0
"2011-11-28	17:00:00"	7.0097	260.7	72.031	11.581	217.5	26.48	0
"2011-11-28	18:00:00"	3.9295	261.45	68.123	13.117	49.406	26.483	0
"2011-11-28	19:00:00"	1.9629	301.8	61.723	16.032	0.11044	26.488	0
"2011-11-28	20:00:00"	3.3741	320.02	58.608	17.626	0.06147	26.497	0
"2011-11-28	21:00:00"	4.9747	334.47	54.598	20.613	0.05914	26.506	0
"2011-11-28	22:00:00"	5.8707	332.63	53.186	22.031	0.06826	26.518	0
"2011-11-28	23:00:00"	5.1996	333.09	51.748	23.094	0.05321	26.533	0
"2011-11-29	00:00:00"	3.4486	325.39	50.951	24.476	0.07165	26.539	0
"2011-11-29	01:00:00"	6.0428	12.419	45.136	30.184	0.08946	26.539	0
"2011-11-29	02:00:00"	7.9386	30.368	40.036	36.299	0.07483	26.545	0
"2011-11-29	03:00:00"	8.0387	27.827	40.755	36.044	0.05702	26.556	0
"2011-11-29	04:00:00"	9.259	25.466	40.697	36.21	0.07949	26.574	0
"2011-11-29	05:00:00"	12.062	22.201	42.278	35.989	0.06105	26.604	0
"2011-11-29	06:00:00"	13.871	24.618	42.474	39.591	0.08098	26.612	0
"2011-11-29	07:00:00"	15.284	27.086	39.876	45.869	0.05533	26.636	0
"2011-11-29	08:00:00"	15.939	32.758	38.553	49.841	21.841	26.657	0
"2011-11-29	09:00:00"	16.527	34.139	40.368	48.166	142.88	26.683	0
"2011-11-29	10:00:00"	17.75	44.076	43.889	43.624	299.54	26.704	0
"2011-11-29	11:00:00"	16.23	49.478	46.687	40.03	466.6	26.719	0
"2011-11-29	12:00:00"	12.828	53.28	49.275	36.224	497.02	26.722	0
"2011-11-29	13:00:00"	9.8817	57.277	51.393	33.349	534.79	26.698	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-11-29	14:00:00"	7.0805	65.25	53.953	30.157	556.05	26.68	0
"2011-11-29	15:00:00"	7.6634	55.181	55.51	28.288	464.03	26.663	0
"2011-11-29	16:00:00"	6.2025	61.509	55.445	27.904	268.33	26.654	0
"2011-11-29	17:00:00"	7.3912	42.079	55.432	27.851	180.9	26.663	0
"2011-11-29	18:00:00"	4.6845	72.7	53.578	29.221	58.024	26.666	0
"2011-11-29	19:00:00"	5.4345	56.265	47.322	35.392	0.08734	26.672	0
"2011-11-29	20:00:00"	5.529	50.463	40.278	44.089	0.05999	26.68	0
"2011-11-29	21:00:00"	6.5294	42.323	37.966	48.927	0.06847	26.698	0
"2011-11-29	22:00:00"	7.3502	38.999	36.742	52.863	0.08204	26.704	0
"2011-11-29	23:00:00"	6.7201	46.24	35.903	55.765	0.08734	26.692	0
"2011-11-30	00:00:00"	5.8974	54.516	33.601	59.949	0.07525	26.692	0
"2011-11-30	01:00:00"	5.991	54.259	33.255	61.46	0.08199	26.674	0
"2011-11-30	02:00:00"	5.2108	48.291	33.655	61.82	0.09348	26.666	0
"2011-11-30	03:00:00"	2.1033	338.04	33.147	64.119	0.06805	26.657	0
"2011-11-30	04:00:00"	1.9132	340.78	33.141	64.039	0.07674	26.636	0
"2011-11-30	05:00:00"	1.7964	330.24	32.825	64.56	0.06889	26.615	0
"2011-11-30	06:00:00"	1.1806	34.737	33.239	65.148	0.085	26.601	0
"2011-11-30	07:00:00"	1.2104	203.96	32.355	66.822	0.06487	26.604	0
"2011-11-30	08:00:00"	1.7902	284.61	33.32	64.958	20.779	26.604	0
"2011-11-30	09:00:00"	3.1218	242.54	36.849	57.168	201.57	26.595	0
"2011-11-30	10:00:00"	9.9873	193.81	43.627	45.635	406.89	26.583	0
"2011-11-30	11:00:00"	12.271	194.31	48.83	36.155	569.51	26.568	0
"2011-11-30	12:00:00"	12.207	194.35	53.254	30.246	672.31	26.536	0
"2011-11-30	13:00:00"	13.177	191.58	55.488	27.375	706.68	26.491	0
"2011-11-30	14:00:00"	11.313	200.54	58.111	24.513	670.52	26.45	0
"2011-11-30	15:00:00"	10.746	200.27	59.811	22.784	567.92	26.418	0
"2011-11-30	16:00:00"	11.167	196.17	61.205	21.293	410.93	26.4	0
"2011-11-30	17:00:00"	11.303	198.5	61.163	20.673	220.39	26.382	0
"2011-11-30	18:00:00"	8.6072	185.09	57.651	23.038	49.119	26.367	0
"2011-11-30	19:00:00"	4.6447	161.36	51.465	27.939	0.09709	26.367	0
"2011-11-30	20:00:00"	6.6853	152.84	49.382	31.478	0.07038	26.361	0
"2011-11-30	21:00:00"	9.3535	155.12	47.903	35.414	0.07716	26.356	0
"2011-11-30	22:00:00"	8.7576	161.28	45.679	39.695	0.05596	26.356	0
"2011-11-30	23:00:00"	11.237	174.52	46.63	41.151	0.07886	26.361	0
"2011-12-01	00:00:00"	9.3019	180.65	44.49	49.09	0.0903	26.356	0
"2011-12-01	01:00:00"	10.525	179.59	42.971	53.777	0.06953	26.341	0
"2011-12-01	02:00:00"	8.0691	185.19	41.368	57.006	0.06211	26.332	0
"2011-12-01	03:00:00"	4.3129	194.59	38.785	61.516	0.07801	26.329	0
"2011-12-01	04:00:00"	3.5493	206.31	36.42	65.974	0.05363	26.326	0
"2011-12-01	05:00:00"	2.4184	232.22	36.512	66.196	0.05299	26.329	0
"2011-12-01	06:00:00"	3.576	260.99	37.118	64.721	0.06593	26.35	0
"2011-12-01	07:00:00"	2.9497	241.92	36.379	65.311	0.09158	26.367	0
"2011-12-01	08:00:00"	3.3082	225.42	35.767	66.54	16.938	26.379	0
"2011-12-01	09:00:00"	2.534	212.85	39.867	62.081	111.5	26.409	0
"2011-12-01	10:00:00"	5.5743	145.67	45.454	53.803	182.16	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-01	11:00:00"	12.028	30.921	46.807	49.363	396.86	26.483	0
"2011-12-01	12:00:00"	12.468	34.688	50.756	42.374	571.27	26.48	0
"2011-12-01	13:00:00"	13.545	40.233	55.971	33.205	708.06	26.477	0
"2011-12-01	14:00:00"	17.569	37.782	55.921	32.486	656.41	26.48	0
"2011-12-01	15:00:00"	17.984	45.264	55.598	32.977	541.62	26.494	0
"2011-12-01	16:00:00"	20.744	41.166	54.323	35.768	382.07	26.512	0
"2011-12-01	17:00:00"	21.05	39.55	51.707	39.425	196.84	26.527	0
"2011-12-01	18:00:00"	19.276	37.402	47.714	44.823	32.902	26.574	0
"2011-12-01	19:00:00"	21.068	40.203	45.059	47.41	0.08712	26.607	0
"2011-12-01	20:00:00"	22.366	33.263	42.032	50.886	0.07546	26.639	0
"2011-12-01	21:00:00"	22.251	28.036	39.302	56.568	0.07271	26.698	0
"2011-12-01	22:00:00"	22.709	33.461	37.925	61.266	0.07674	26.695	0
"2011-12-01	23:00:00"	23.071	37.112	36.461	66.068	0.07144	26.725	0
"2011-12-02	00:00:00"	22.303	39.42	35.129	69.933	0.06847	26.701	0
"2011-12-02	01:00:00"	20.992	40.231	33.967	73.83	0.0831	26.695	0
"2011-12-02	02:00:00"	17.139	39.165	33.051	76.246	0.11044	26.704	0
"2011-12-02	03:00:00"	14.685	34.634	32.553	78.055	0.0708	26.713	0
"2011-12-02	04:00:00"	12.175	30.992	31.051	89.846	0.07716	26.713	0
"2011-12-02	05:00:00"	11.832	34.222	30.584	92.427	0.08882	26.698	0
"2011-12-02	06:00:00"	10.232	19.774	30.038	92.666	0.07313	26.686	0
"2011-12-02	07:00:00"	5.13	33.51	29.621	92.868	0.06508	26.689	0
"2011-12-02	08:00:00"	13.539	193.77	29.619	93.248	1.2013	26.692	0
"2011-12-02	09:00:00"	17.968	209.77	29.661	93.501	13.707	26.686	0
"2011-12-02	10:00:00"	17.817	210.8	29.883	93.727	37.833	26.686	0
"2011-12-02	11:00:00"	12.045	206.73	30.31	92.849	72.468	26.672	0
"2011-12-02	12:00:00"	15.719	208	30.735	92.463	82.567	26.651	0
"2011-12-02	13:00:00"	15.117	203.21	31.255	92.793	91.797	26.595	0
"2011-12-02	14:00:00"	9.3982	203.91	31.645	93.293	88.985	26.574	0.01
"2011-12-02	15:00:00"	10.417	207.45	31.7	93.468	52.448	26.536	0.01
"2011-12-02	16:00:00"	0.28335	213	31.793	94.548	41.822	26.518	0
"2011-12-02	17:00:00"	19.761	209.58	32.002	94.512	25.507	26.503	0
"2011-12-02	18:00:00"	5.2052	40.017	32	94.863	4.5044	26.477	0
"2011-12-02	19:00:00"	11.092	197.43	31.992	95.694	0.06805	26.474	0
"2011-12-02	20:00:00"	0	"INF"	32.08	96.012	0.06911	26.456	0
"2011-12-02	21:00:00"	19.426	66.785	32.212	96.092	0.07462	26.447	0
"2011-12-02	22:00:00"	12.786	65.123	32.225	96.111	0.07462	26.432	0
"2011-12-02	23:00:00"	5.9142	104.82	32.298	96.194	0.07059	26.403	0
"2011-12-03	00:00:00"	5.9863	94.988	32.428	96.278	0.06635	26.376	0
"2011-12-03	01:00:00"	3.5723	101.58	32.601	96.255	0.08161	26.382	0.01
"2011-12-03	02:00:00"	2.9863	328.38	32.886	96.217	0.07462	26.323	0
"2011-12-03	03:00:00"	3.0354	324.18	33.066	96.191	0.05829	26.356	0.02
"2011-12-03	04:00:00"	2.8888	243.42	33.457	96.193	0.07801	26.361	0
"2011-12-03	05:00:00"	8.7483	275.76	34.028	95.859	0.06635	26.37	0.01
"2011-12-03	06:00:00"	4.3956	155.13	34.15	95.054	0.05914	26.32	0
"2011-12-03	07:00:00"	3.3293	222.7	33.485	95.134	0.09306	26.353	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-03	08:00:00"	4.1278	230.2	32.278	95.677	5.3985	26.37	0.01
"2011-12-03	09:00:00"	5.1692	225.27	33.1	95.469	232.88	26.397	0
"2011-12-03	10:00:00"	6.7903	232.73	37.502	91.9	430.79	26.418	0
"2011-12-03	11:00:00"	9.776	245.98	43.95	82.766	572.84	26.426	0
"2011-12-03	12:00:00"	11.909	251.09	50.634	62.339	650.88	26.42	0
"2011-12-03	13:00:00"	10.483	266.38	54.031	48.027	686.77	26.406	0
"2011-12-03	14:00:00"	11.226	259.67	56.048	36.67	651.42	26.406	0
"2011-12-03	15:00:00"	11.948	276.35	56.954	31.276	552.64	26.406	0
"2011-12-03	16:00:00"	12.021	281.26	56.295	34.141	396.59	26.42	0
"2011-12-03	17:00:00"	8.2692	297.45	55.589	35.226	212.32	26.438	0
"2011-12-03	18:00:00"	6.433	337.44	52.411	41.579	43.55	26.447	0
"2011-12-03	19:00:00"	5.5619	358.24	46.018	53.797	0.07652	26.474	0
"2011-12-03	20:00:00"	8.6091	6.5611	46.166	55.774	0.06359	26.497	0
"2011-12-03	21:00:00"	12.979	25.244	43.032	66.47	0.07631	26.518	0
"2011-12-03	22:00:00"	14.844	41.596	38.498	73.351	0.07313	26.533	0
"2011-12-03	23:00:00"	13.075	47.968	35.398	76.067	0.08543	26.542	0
"2011-12-04	00:00:00"	12.671	50.003	33.869	76.991	0.07695	26.533	0
"2011-12-04	01:00:00"	12.12	42.458	31.641	80.242	0.08416	26.518	0
"2011-12-04	02:00:00"	11.633	34.639	29.874	82.481	0.0708	26.512	0
"2011-12-04	03:00:00"	10.953	36.16	29.448	81.773	0.09136	26.521	0
"2011-12-04	04:00:00"	6.9295	47.079	28.301	85.225	0.0708	26.53	0
"2011-12-04	05:00:00"	7.462	25.33	28.66	85.139	0.09454	26.521	0
"2011-12-04	06:00:00"	6.4449	28.254	28.752	85.443	0.08055	26.524	0
"2011-12-04	07:00:00"	7.1439	43.132	29.05	84.619	0.0831	26.542	0
"2011-12-04	08:00:00"	8.4718	46.394	28.963	82.786	4.4024	26.55	0
"2011-12-04	09:00:00"	8.6868	45.841	29.584	80.95	32.331	26.556	0
"2011-12-04	10:00:00"	6.7406	78.658	31.259	77.149	96.463	26.553	0
"2011-12-04	11:00:00"	5.8807	99.971	33.086	73.574	186.66	26.536	0
"2011-12-04	12:00:00"	5.4221	104.53	35.338	68.556	274.84	26.518	0
"2011-12-04	13:00:00"	3.182	110.2	37.844	63.847	326	26.491	0
"2011-12-04	14:00:00"	3.7562	111.78	39.007	63.371	182.57	26.456	0
"2011-12-04	15:00:00"	4.4298	101.21	40.086	60.711	203.69	26.438	0
"2011-12-04	16:00:00"	6.228	78.888	40.886	59.906	148.15	26.423	0
"2011-12-04	17:00:00"	8.583	67.178	40.908	62.093	94.931	26.415	0
"2011-12-04	18:00:00"	8.6296	78.357	40.146	63.531	36.544	26.415	0
"2011-12-04	19:00:00"	7.2607	58.262	37.353	71.085	0.09645	26.418	0
"2011-12-04	20:00:00"	10.173	61.376	37.708	72.056	0.05533	26.435	0
"2011-12-04	21:00:00"	11.62	54.007	37.282	72.977	0.06105	26.453	0
"2011-12-04	22:00:00"	6.3287	41.248	35.309	81.181	0.0884	26.53	0
"2011-12-04	23:00:00"	12.921	359.73	32.138	94.322	0.07356	26.521	0
"2011-12-05	00:00:00"	29.564	36.296	32	95.372	0.07419	26.524	0
"2011-12-05	01:00:00"	40.899	42.703	31.947	95.555	0.09921	26.509	0
"2011-12-05	02:00:00"	40.94	45.334	31.565	95.633	0.06444	26.497	0
"2011-12-05	03:00:00"	43.958	43.583	30.021	95.064	0.05024	26.515	0
"2011-12-05	04:00:00"	48.924	40.403	29.682	94.901	0.07356	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-05	05:00:00"	44.641	40.169	29.655	94.864	0.09645	26.533	0
"2011-12-05	06:00:00"	45.489	39.808	29.238	94.659	0.0744	26.562	0
"2011-12-05	07:00:00"	44.957	39.69	28.252	94.09	0.07038	26.595	0
"2011-12-05	08:00:00"	39.098	43.055	27.801	94.072	2.0933	26.618	0
"2011-12-05	09:00:00"	40.878	38.501	28.08	93.903	27.689	26.633	0
"2011-12-05	10:00:00"	47.207	39.6	28.813	92.56	99.727	26.648	0
"2011-12-05	11:00:00"	46.444	45.203	28.484	90.278	216.24	26.639	0
"2011-12-05	12:00:00"	27.36	33.311	28.53	88.978	250.13	26.633	0
"2011-12-05	13:00:00"	14.142	62.137	28.106	90.131	146.42	26.627	0
"2011-12-05	14:00:00"	14.846	34.784	27.369	91.265	112.82	26.601	0
"2011-12-05	15:00:00"	15.393	34.86	26.693	90.832	109.82	26.598	0
"2011-12-05	16:00:00"	16.61	20.149	25.638	90.434	78.189	26.609	0
"2011-12-05	17:00:00"	16.045	23.821	24.19	89.308	35.377	26.63	0
"2011-12-05	18:00:00"	14.786	33.891	22.86	88.185	10.591	26.636	0
"2011-12-05	19:00:00"	15.223	27.679	21.655	86.683	0.07165	26.657	0
"2011-12-05	20:00:00"	14.946	25.782	20.788	85.585	0.0708	26.68	0
"2011-12-05	21:00:00"	12.928	25.775	20.229	85.848	0.07695	26.689	0
"2011-12-05	22:00:00"	14.141	22.652	19.631	84.421	0.07123	26.701	0
"2011-12-05	23:00:00"	10.783	17.771	18.917	85.076	0.0672	26.701	0
"2011-12-06	00:00:00"	11.401	21.695	19.038	84.921	0.08988	26.71	0
"2011-12-06	01:00:00"	11.692	11.853	18.553	85.281	0.08818	26.707	0
"2011-12-06	02:00:00"	10.811	10.682	17.72	85.256	0.08585	26.704	0
"2011-12-06	03:00:00"	8.3195	6.5148	16.419	84.832	0.08161	26.707	0
"2011-12-06	04:00:00"	8.0635	357.6	15.545	84.232	0.08119	26.692	0
"2011-12-06	05:00:00"	6.6126	354.02	13.02	85.173	0.07356	26.677	0
"2011-12-06	06:00:00"	6.809	349.6	12.027	84.906	0.10641	26.68	0
"2011-12-06	07:00:00"	8.4276	359.87	13.387	83.354	0.09158	26.689	0
"2011-12-06	08:00:00"	5.4302	354.32	12.422	84.442	6.2829	26.707	0
"2011-12-06	09:00:00"	8.9906	348.33	14.797	82.402	93.512	26.722	0
"2011-12-06	10:00:00"	9.6375	342.54	15.468	78.143	364.78	26.728	0
"2011-12-06	11:00:00"	7.7274	344.92	16.259	74.781	548.21	26.722	0
"2011-12-06	12:00:00"	6.9867	323.64	18.286	73.648	666.08	26.707	0
"2011-12-06	13:00:00"	5.9509	285.61	20.521	72.444	699.21	26.674	0
"2011-12-06	14:00:00"	6.4846	266.84	22.713	72.573	666.73	26.645	0
"2011-12-06	15:00:00"	8.7905	258.89	24.445	73.632	562.17	26.621	0
"2011-12-06	16:00:00"	8.5128	251.9	26.89	72.533	380.32	26.615	0
"2011-12-06	17:00:00"	9.1037	253.7	28.152	70.554	215.72	26.618	0
"2011-12-06	18:00:00"	6.5033	253.01	27.201	75.748	48.314	26.615	0
"2011-12-06	19:00:00"	2.7384	250.1	22.915	86.306	0.16365	26.615	0
"2011-12-06	20:00:00"	3.8743	258.56	22.729	85.998	0.10048	26.633	0
"2011-12-06	21:00:00"	3.2535	255.2	21.583	87.974	0.0831	26.645	0
"2011-12-06	22:00:00"	2.9764	258.39	20.443	89.015	0.09242	26.648	0
"2011-12-06	23:00:00"	3.0043	258.84	19.59	88.402	0.06423	26.654	0
"2011-12-07	00:00:00"	4.0625	260.27	19.216	87.117	0.09581	26.66	0
"2011-12-07	01:00:00"	2.5203	252.2	19.12	87.614	0.07313	26.663	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-07	02:00:00"	3.6537	303.13	20.359	86.465	0.0655	26.663	0
"2011-12-07	03:00:00"	4.92	302.04	22.57	80.716	0.06147	26.657	0
"2011-12-07	04:00:00"	6.5486	298.33	23.628	75.595	0.11341	26.657	0
"2011-12-07	05:00:00"	8.2928	305.28	24.948	68.847	0.09369	26.657	0
"2011-12-07	06:00:00"	8.8079	298.61	24.876	70.634	0.1009	26.66	0
"2011-12-07	07:00:00"	11.111	316.33	24.32	71.538	0.08712	26.66	0
"2011-12-07	08:00:00"	11.103	323.3	26.161	68.001	15.691	26.66	0
"2011-12-07	09:00:00"	8.7085	341.39	28.691	64.998	183.96	26.669	0
"2011-12-07	10:00:00"	4.9529	326.14	34.876	57.157	384.77	26.68	0.01
"2011-12-07	11:00:00"	5.3867	342.67	37.493	56.29	546.66	26.683	0.02
"2011-12-07	12:00:00"	5.4749	329.07	39.972	52.502	648.76	26.669	0.11
"2011-12-07	13:00:00"	6.0602	318.61	42.614	48.722	683.29	26.645	0.04
"2011-12-07	14:00:00"	5.2524	306.71	44.506	46.378	649.27	26.621	0.03
"2011-12-07	15:00:00"	5.4295	275.49	46.831	40.913	552.94	26.609	0
"2011-12-07	16:00:00"	5.8682	207.1	48.095	46.278	402.25	26.595	0
"2011-12-07	17:00:00"	6.2087	196.02	47.524	41.736	193.27	26.589	0
"2011-12-07	18:00:00"	4.5621	176.12	43.958	43.919	38.722	26.58	0
"2011-12-07	19:00:00"	3.0926	162.42	39.181	53.923	0.10832	26.577	0
"2011-12-07	20:00:00"	1.344	148.22	38.579	55.421	0.06868	26.586	0
"2011-12-07	21:00:00"	2.4445	116.46	36.983	58.747	0.08479	26.58	0
"2011-12-07	22:00:00"	4.4813	136.05	35.501	64.599	0.05299	26.577	0
"2011-12-07	23:00:00"	5.25	155.3	33.364	68.752	0.08076	26.559	0
"2011-12-08	00:00:00"	4.3651	147.71	32.197	70.856	0.08543	26.547	0
"2011-12-08	01:00:00"	2.8397	214.77	31.698	70.168	0.06317	26.536	0
"2011-12-08	02:00:00"	3.9544	219.95	29.445	74.583	0.08628	26.521	0
"2011-12-08	03:00:00"	2.3003	237.48	28.763	76.741	0.08861	26.503	0
"2011-12-08	04:00:00"	2.7067	228.1	29.546	74.917	0.09052	26.491	0
"2011-12-08	05:00:00"	2.4998	219.15	28.504	77.183	0.09475	26.488	0
"2011-12-08	06:00:00"	3.1559	204.22	27.645	79.107	0.09009	26.48	0
"2011-12-08	07:00:00"	3.8239	222.89	25.749	81.53	0.06932	26.485	0
"2011-12-08	08:00:00"	4.6081	224.67	24.912	83.515	12.38	26.488	0
"2011-12-08	09:00:00"	2.8571	248.61	26.807	82.456	178.92	26.5	0
"2011-12-08	10:00:00"	4.0023	242.7	31.927	75.34	381.17	26.497	0.01
"2011-12-08	11:00:00"	7.2477	220.99	36.335	67.095	545.49	26.5	0
"2011-12-08	12:00:00"	8.7396	224.16	41.025	57.844	649.59	26.485	0
"2011-12-08	13:00:00"	8.5594	242.1	46.227	48.979	681.75	26.459	0
"2011-12-08	14:00:00"	7.3844	247.92	50.807	40.468	599.95	26.441	0
"2011-12-08	15:00:00"	7.3067	255.58	53.724	35.574	449.62	26.426	0
"2011-12-08	16:00:00"	5.7017	277.4	55.201	33.377	361.71	26.423	0
"2011-12-08	17:00:00"	5.322	245.89	55.987	32.013	210.85	26.426	0
"2011-12-08	18:00:00"	2.9223	239.04	52.321	40.465	44.78	26.432	0
"2011-12-08	19:00:00"	4.628	5.1221	46.207	50	0.08628	26.453	0
"2011-12-08	20:00:00"	4.4186	358.62	40.947	58.444	0.05723	26.471	0
"2011-12-08	21:00:00"	6.0876	10.253	39.437	59.973	0.07398	26.485	0
"2011-12-08	22:00:00"	5.7446	21.935	37.872	64.673	0.07144	26.5	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-08	23:00:00"	9.5343	24.897	35.025	73.49	0.06232	26.518	0
"2011-12-09	00:00:00"	11.088	26.039	33.409	79.041	0.06911	26.527	0
"2011-12-09	01:00:00"	12.053	21.967	32.057	82.033	0.0884	26.53	0
"2011-12-09	02:00:00"	10.925	18.708	31.192	83.819	0.0797	26.539	0
"2011-12-09	03:00:00"	11.92	10.369	30.536	85.357	0.08055	26.547	0
"2011-12-09	04:00:00"	12.094	9.5107	30.329	85.456	0.0744	26.547	0
"2011-12-09	05:00:00"	10.873	10.101	29.291	86.351	0.0956	26.553	0
"2011-12-09	06:00:00"	9.9693	11.122	28.818	86.017	0.07822	26.571	0
"2011-12-09	07:00:00"	8.5538	15.846	27.902	87.123	0.0744	26.598	0
"2011-12-09	08:00:00"	10.695	11.711	27.663	87.297	4.749	26.621	0
"2011-12-09	09:00:00"	10.239	10.801	29.097	84.702	152.26	26.654	0
"2011-12-09	10:00:00"	10.802	23.209	33.572	77.708	367.36	26.689	0
"2011-12-09	11:00:00"	10.432	37.311	37.293	71.963	519.38	26.698	0
"2011-12-09	12:00:00"	8.9508	52.385	41.113	64.984	629.02	26.692	0
"2011-12-09	13:00:00"	8.5016	61.118	43.782	58.768	667.35	26.68	0
"2011-12-09	14:00:00"	8.8632	67.641	45.823	54.064	638.93	26.666	0
"2011-12-09	15:00:00"	8.629	51.122	46.971	51.598	543.01	26.666	0
"2011-12-09	16:00:00"	7.7907	39.064	47.377	50.106	390.81	26.674	0
"2011-12-09	17:00:00"	8.6638	44.849	46.885	50.941	206.34	26.689	0
"2011-12-09	18:00:00"	6.9767	46.614	43.656	57.656	41.364	26.707	0
"2011-12-09	19:00:00"	6.1311	48.058	37.356	72.169	0.05066	26.731	0
"2011-12-09	20:00:00"	8.5724	51.738	35.797	79.145	0.08903	26.76	0
"2011-12-09	21:00:00"	5.578	43.553	31.693	86.221	0.07589	26.772	0
"2011-12-09	22:00:00"	5.6539	50.669	29.742	89.441	0.08861	26.79	0
"2011-12-09	23:00:00"	5.5041	48.24	28.73	90.644	0.07144	26.798	0
"2011-12-10	00:00:00"	5.8981	50.82	28.057	91.079	0.08076	26.807	0
"2011-12-10	01:00:00"	5.0201	51.183	25.763	92.022	0.07737	26.804	0
"2011-12-10	02:00:00"	6.8171	49.902	25.625	93.073	0.0884	26.801	0
"2011-12-10	03:00:00"	6.4001	54.668	24.467	93.085	0.07737	26.798	0
"2011-12-10	04:00:00"	5.7067	47.72	23.611	93.519	0.07992	26.796	0
"2011-12-10	05:00:00"	6.2926	62.039	25.175	94.759	0.09285	26.796	0
"2011-12-10	06:00:00"	7.4521	70.387	26.339	94.822	0.07992	26.793	0
"2011-12-10	07:00:00"	5.8372	69.069	25.864	94.023	0.05172	26.828	0
"2011-12-10	08:00:00"	8.6383	53.221	25.649	93.939	0.94204	26.84	0
"2011-12-10	09:00:00"	10.893	58.733	25.986	93.958	22.739	26.852	0
"2011-12-10	10:00:00"	9.1509	58.017	26.724	94.089	65.526	26.863	0
"2011-12-10	11:00:00"	8.1685	344.59	27.327	93.841	122.35	26.858	0
"2011-12-10	12:00:00"	7.6559	58.884	28.003	93.842	169.72	26.846	0
"2011-12-10	13:00:00"	3.6537	96.869	28.16	93.798	148.14	26.813	0
"2011-12-10	14:00:00"	2.6278	105.38	28.701	93.924	138.29	26.778	0
"2011-12-10	15:00:00"	3.5667	72.966	29.009	94.204	108.57	26.754	0
"2011-12-10	16:00:00"	4.4577	97.431	29.006	94.697	45.901	26.748	0
"2011-12-10	17:00:00"	4.7864	105.03	29.076	94.959	25.97	26.739	0
"2011-12-10	18:00:00"	4.4577	92.457	29.323	95.222	5.4154	26.736	0
"2011-12-10	19:00:00"	6.0528	117.54	29.664	95.45	0.09603	26.736	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-10	20:00:00"	15.2	263.07	30.425	95.76	0.06487	26.745	0
"2011-12-10	21:00:00"	19.211	269.24	31.349	96.014	0.07822	26.745	0
"2011-12-10	22:00:00"	16.153	276.9	31.581	96.132	0.07695	26.742	0
"2011-12-10	23:00:00"	18.462	287.82	31.799	96.2	0.09433	26.739	0
"2011-12-11	00:00:00"	17.813	253.15	31.982	96.256	0.07949	26.739	0
"2011-12-11	01:00:00"	8.9173	203.74	32.025	96.2	0.09772	26.725	0.02
"2011-12-11	02:00:00"	9.2124	132.27	32.321	96.215	0.08437	26.71	0
"2011-12-11	03:00:00"	8.9888	105.12	32.611	96.368	0.07928	26.689	0
"2011-12-11	04:00:00"	7.815	112.96	32.927	96.476	0.06741	26.669	0
"2011-12-11	05:00:00"	2.6129	101.74	33.114	96.495	0.08734	26.651	0.01
"2011-12-11	06:00:00"	5.2189	105.41	33.361	96.509	0.07737	26.633	0
"2011-12-11	07:00:00"	5.3581	118.94	33.993	96.594	0.08013	26.63	0
"2011-12-11	08:00:00"	0.92895	124.09	34.791	96.6	0.70229	26.633	0
"2011-12-11	09:00:00"	0	"INF"	35.696	96.6	18.565	26.636	0.01
"2011-12-11	10:00:00"	1.6852	183.4	36.986	96.555	51.142	26.636	0
"2011-12-11	11:00:00"	9.8127	174.39	37.892	96.464	73.572	26.624	0
"2011-12-11	12:00:00"	11.118	179.8	38.429	96.37	111.56	26.604	0
"2011-12-11	13:00:00"	10.62	186.87	38.874	96.293	113.82	26.571	0
"2011-12-11	14:00:00"	7.2483	190.37	38.962	96.304	85.615	26.547	0
"2011-12-11	15:00:00"	4.6062	189.74	39.039	96.351	68.859	26.527	0
"2011-12-11	16:00:00"	3.6338	190.7	39.154	96.397	44.827	26.518	0
"2011-12-11	17:00:00"	2.9621	184.07	39.164	96.45	29.23	26.509	0
"2011-12-11	18:00:00"	3.6363	175.17	39.025	96.514	5.0585	26.503	0
"2011-12-11	19:00:00"	1.1663	176.15	38.954	96.591	0.07631	26.518	0
"2011-12-11	20:00:00"	0.77858	186.02	38.748	96.588	0.06296	26.527	0
"2011-12-11	21:00:00"	1.9343	177.64	38.39	96.586	0.05469	26.53	0
"2011-12-11	22:00:00"	2.775	173.65	38.235	96.6	0.06465	26.524	0
"2011-12-11	23:00:00"	2.5302	177.17	38.093	96.61	0.05448	26.53	0
"2011-12-12	00:00:00"	3.6934	175.46	38.037	96.649	0.07801	26.524	0
"2011-12-12	01:00:00"	3.5915	186.64	38.316	96.7	0.08606	26.518	0
"2011-12-12	02:00:00"	2.813	183.25	38.722	96.7	0.06805	0.26488	0
"2011-12-12	03:00:00"	0.17833	182.4	38.602	96.668	0.05617	26.506	0
"2011-12-12	04:00:00"	0	"INF"	38.538	96.699	0.06508	26.494	0
"2011-12-12	05:00:00"	0	"INF"	38.895	96.7	0.0602	26.5	0
"2011-12-12	06:00:00"	0	"INF"	39.302	96.7	0.07123	26.518	0
"2011-12-12	07:00:00"	0	"INF"	39.435	96.699	0.06508	26.509	0
"2011-12-12	08:00:00"	0	"INF"	39.648	96.7	1.2594	26.491	0
"2011-12-12	09:00:00"	0	"INF"	39.8	96.697	25.035	26.521	0
"2011-12-12	10:00:00"	0	"INF"	40.418	96.664	64.289	26.542	0
"2011-12-12	11:00:00"	0	"INF"	41.275	96.655	99.793	26.542	0
"2011-12-12	12:00:00"	0	"INF"	41.801	96.573	131.78	26.509	0
"2011-12-12	13:00:00"	0	"INF"	42.697	96.544	148.6	26.497	0
"2011-12-12	14:00:00"	0	"INF"	43.1	96.552	103.54	26.477	0
"2011-12-12	15:00:00"	0	"INF"	43.347	96.524	80.436	26.471	0
"2011-12-12	16:00:00"	0	"INF"	43.263	96.583	54.192	26.465	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-12"	17:00:00"		0 "INF"	43.84	96.629	30.263	26.468	0
"2011-12-12"	18:00:00"		0 "INF"	44.158	96.665	4.5287	26.48	0
"2011-12-12"	19:00:00"		0 "INF"	44.154	96.685	0.05384	26.503	0
"2011-12-12"	20:00:00"		0 "INF"	43.989	96.675	0.08013	26.497	0
"2011-12-12"	21:00:00"		0 "INF"	44.165	96.719	0.07716	26.503	0
"2011-12-12"	22:00:00"		0 "INF"	44.077	96.732	0.07525	26.506	0
"2011-12-12"	23:00:00"		0 "INF"	43.958	96.734	0.06995	26.536	0
"2011-12-13"	00:00:00"		0 "INF"	44.06	96.799	0.08797	26.512	0
"2011-12-13"	01:00:00"		0 "INF"	44.102	96.8	0.07186	26.506	0
"2011-12-13"	02:00:00"	0.02113	155	44.064	96.8	0.07165	26.515	0
"2011-12-13"	03:00:00"		0 "INF"	44.273	96.8	0.06614	26.497	0
"2011-12-13"	04:00:00"		0 "INF"	44.786	96.8	0.07017	26.494	0
"2011-12-13"	05:00:00"		0 "INF"	45.351	96.811	0.05617	26.483	0
"2011-12-13"	06:00:00"		0 "INF"	45.926	96.898	0.05935	26.453	0
"2011-12-13"	07:00:00"		0 "INF"	46.386	96.894	0.0549	26.488	0
"2011-12-13"	08:00:00"		0 "INF"	46.689	96.882	0.3167	26.488	0
"2011-12-13"	09:00:00"		0 "INF"	46.827	96.616	10.723	26.515	0
"2011-12-13"	10:00:00"		0 "INF"	46.706	96.337	36.002	26.509	0
"2011-12-13"	11:00:00"		0 "INF"	46.846	96.827	52.38	26.509	0
"2011-12-13"	12:00:00"		0 "INF"	47.451	96.855	88.808	26.45	0
"2011-12-13"	13:00:00"		0 "INF"	48.256	96.828	110.48	26.447	0
"2011-12-13"	14:00:00"		0 "INF"	49.686	96.837	155.61	26.409	0
"2011-12-13"	15:00:00"		0 "INF"	51.498	95.252	156.63	26.403	0
"2011-12-13"	16:00:00"		0 "INF"	52.908	90.64	101.64	26.379	0
"2011-12-13"	17:00:00"		0 "INF"	52.91	89.031	58.758	26.37	0
"2011-12-13"	18:00:00"	0.06959	0	52.477	90.608	11.954	26.367	0
"2011-12-13"	19:00:00"		0 "INF"	52.048	91.231	0.0956	0	0
"2011-12-13"	20:00:00"		0 "INF"	51.792	91.557	0.08034	0	0
"2011-12-13"	21:00:00"		0 "INF"	51.411	92.222	0.07864	0	0
"2011-12-13"	22:00:00"		0 "INF"	51.667	92.189	0.07568	0	0
"2011-12-13"	23:00:00"		0 "INF"	51.064	93.426	0.07992	26.394	0
"2011-12-14"	00:00:00"		0 "INF"	50.663	94.184	0.06593	0	0
"2011-12-14"	01:00:00"		0 "INF"	50.55	95.884	0.07186	26.385	0
"2011-12-14"	02:00:00"		0 "INF"	50.475	94.803	0.06783	26.382	0
"2011-12-14"	03:00:00"		0 "INF"	50.488	93.639	0.07568	0	0
"2011-12-14"	04:00:00"		0 "INF"	50.36	93.414	0.0814	26.379	0
"2011-12-14"	05:00:00"		0 "INF"	50.309	93.141	0.07483	0	0
"2011-12-14"	06:00:00"		0 "INF"	49.307	93.255	0.08946	26.391	0
"2011-12-14"	07:00:00"		0 "INF"	49.28	93.2	0.05003	26.391	0
"2011-12-14"	08:00:00"		0 "INF"	49.28	93.2	0.94416	26.391	0
"2011-12-14"	09:00:00"		0 "INF"	46.75	94.279	29.198	0	0
"2011-12-14"	10:00:00"		0 "INF"	46.706	89.392	104.43	26.471	0
"2011-12-14"	11:00:00"		0 "INF"	48.795	81.006	234.33	26.477	0
"2011-12-14"	12:00:00"		0 "INF"	52.05	64.863	349.84	26.468	0
"2011-12-14"	13:00:00"	0.30571	268.41	56.164	36.794	442.01	26.45	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-14	14:00:00"	15.206	267.9	57.252	28.348	436.43	26.438	0
"2011-12-14	15:00:00"	15.453	270.67	57.009	28.512	430.07	26.432	0
"2011-12-14	16:00:00"	15.91	274.9	59.595	25.013	388.47	26.432	0
"2011-12-14	17:00:00"	12.581	273.95	59.408	22.959	200.97	26.441	0
"2011-12-14	18:00:00"	9.3839	272.24	56.94	23.949	48.539	26.45	0
"2011-12-14	19:00:00"	4.3241	277.3	51.152	31.143	0.14266	26.462	0
"2011-12-14	20:00:00"	4.0638	234.57	46.502	38.709	0.05808	26.477	0
"2011-12-14	21:00:00"	4.7187	284.55	45.009	43.571	0.07758	26.491	0
"2011-12-14	22:00:00"	7.8293	318.97	45.474	40.536	0.0725	26.5	0
"2011-12-14	23:00:00"	10.092	348.38	42.242	54.387	0.08204	26.491	0
"2011-12-15	00:00:00"	10.537	347.42	42.622	57.081	0.06381	26.491	0
"2011-12-15	01:00:00"	8.6476	340.8	41.525	58.338	0.06677	26.503	0
"2011-12-15	02:00:00"	5.9534	336.55	39.31	62.478	0.07928	26.512	0
"2011-12-15	03:00:00"	4.5466	339.08	37.996	64.657	0.06995	26.518	0
"2011-12-15	04:00:00"	2.8558	313.12	37.8	63.547	0.07419	26.521	0
"2011-12-15	05:00:00"	4.641	341.61	35.706	68.873	0.07059	26.518	0
"2011-12-15	06:00:00"	4.8523	345.68	36.953	69.035	0.07207	26.527	0
"2011-12-15	07:00:00"	7.3421	8.9652	38.074	67.286	0.07207	26.545	0
"2011-12-15	08:00:00"	7.0631	355.81	36.034	71.373	1.9174	26.556	0
"2011-12-15	09:00:00"	8.6327	18.889	36.71	70.533	66.026	26.577	0
"2011-12-15	10:00:00"	12.982	47.244	39.909	65.16	180.65	26.595	0
"2011-12-15	11:00:00"	14.978	70.076	43.443	59.011	295.63	26.604	0
"2011-12-15	12:00:00"	15.696	75.768	44.933	56.216	218.07	26.595	0
"2011-12-15	13:00:00"	13.479	79.223	46.704	53.74	479.91	26.574	0
"2011-12-15	14:00:00"	12.036	81.436	50.37	46.142	628.56	26.547	0
"2011-12-15	15:00:00"	10.602	72.669	50.552	45.079	329.12	26.547	0
"2011-12-15	16:00:00"	9.7679	69.421	49.55	47.027	157.43	26.559	0
"2011-12-15	17:00:00"	10.376	62.615	48.531	47.774	109.39	26.565	0
"2011-12-15	18:00:00"	10.371	47.623	46.508	51.245	13.073	26.586	0
"2011-12-15	19:00:00"	8.6756	48.07	44.394	54.943	0.10599	26.609	0
"2011-12-15	20:00:00"	8.0393	53.058	42.941	60.972	0.0761	26.642	0
"2011-12-15	21:00:00"	5.6843	54.818	40.889	64.928	0.07334	26.654	0
"2011-12-15	22:00:00"	6.2044	48.226	39.467	69.773	0.07716	26.672	0
"2011-12-15	23:00:00"	7.8168	56.346	37.015	75.429	0.04261	26.672	0
"2011-12-16	00:00:00"	6.2572	54.491	34.754	79.267	0.05851	26.683	0
"2011-12-16	01:00:00"	6.3666	21.141	32.092	85.182	0.08903	26.68	0
"2011-12-16	02:00:00"	7.1215	37.435	32.345	86.484	0.06932	26.68	0
"2011-12-16	03:00:00"	5.7185	50.368	30.098	90.296	0.0814	26.686	0
"2011-12-16	04:00:00"	7.413	42.206	30.451	91.103	0.11256	26.692	0
"2011-12-16	05:00:00"	6.6779	42.958	29.397	92.167	0.08013	26.695	0
"2011-12-16	06:00:00"	6.9513	46.512	28.744	92.78	0.092	26.695	0
"2011-12-16	07:00:00"	7.0805	37.926	27.628	93.469	0.05723	26.713	0
"2011-12-16	08:00:00"	7.7485	38.831	27.665	92.079	3.3628	26.734	0
"2011-12-16	09:00:00"	7.6242	42.866	28.909	88.578	105.16	26.76	0
"2011-12-16	10:00:00"	9.3721	61.771	33.835	78.093	366.75	26.775	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-16	11:00:00"	10.499	69.605	37.471	67.382	538.38	26.784	0
"2011-12-16	12:00:00"	8.7222	78.353	41.161	59.752	581.69	26.775	0
"2011-12-16	13:00:00"	5.6893	65.814	44.17	53.861	657.07	26.76	0
"2011-12-16	14:00:00"	5.4631	65.632	45.847	49.473	627.41	26.739	0
"2011-12-16	15:00:00"	5.2288	58.996	47.455	45.467	533.84	26.731	0
"2011-12-16	16:00:00"	6.1901	70.726	48.452	44.699	390.48	26.731	0
"2011-12-16	17:00:00"	6.8345	78.794	48.026	45.756	189.09	26.748	0
"2011-12-16	18:00:00"	4.9803	74.071	46.772	48.436	28.086	26.763	0
"2011-12-16	19:00:00"	3.6189	55.493	43.977	55.209	0.10408	26.781	0
"2011-12-16	20:00:00"	4.1595	59.088	41.614	61.406	0.07992	26.796	0
"2011-12-16	21:00:00"	4.0619	81.693	39.237	64.416	0.07165	26.801	0
"2011-12-16	22:00:00"	5.0213	65.321	37.479	65.238	0.07652	26.804	0
"2011-12-16	23:00:00"	4.8952	110.58	36.737	64.685	0.0619	26.819	0
"2011-12-17	00:00:00"	3.3629	121.06	35.585	66.529	0.07038	26.819	0
"2011-12-17	01:00:00"	2.0766	0.82906	35.125	67.682	0.08204	26.813	0
"2011-12-17	02:00:00"	3.3591	13.318	34.936	67.804	0.09687	26.804	0
"2011-12-17	03:00:00"	5.0691	27.626	32.408	74.543	0.0778	26.804	0
"2011-12-17	04:00:00"	5.171	22.161	31.698	77.451	0.08882	26.81	0
"2011-12-17	05:00:00"	3.8525	38.878	32.377	74.027	0.06253	26.798	0
"2011-12-17	06:00:00"	4.0246	26.558	33.164	73.591	0.07144	26.798	0
"2011-12-17	07:00:00"	2.4401	2.725	34.559	73.802	0.08288	26.822	0
"2011-12-17	08:00:00"	2.9416	18.12	35.541	75.576	1.7372	26.831	0
"2011-12-17	09:00:00"	4.3098	25.308	36.786	72.222	51.688	26.846	0
"2011-12-17	10:00:00"	5.6936	25.057	39.87	62.203	133.85	26.866	0
"2011-12-17	11:00:00"	3.86	58.351	43.164	49.22	184.56	26.872	0
"2011-12-17	12:00:00"	3.6419	115.89	45.689	38.471	263.6	26.849	0
"2011-12-17	13:00:00"	5.1785	151.75	46.959	35.039	277.55	26.822	0
"2011-12-17	14:00:00"	5.0698	170.86	48.054	35.836	250.29	26.796	0
"2011-12-17	15:00:00"	5.867	160.92	48.416	37.232	173.45	26.775	0
"2011-12-17	16:00:00"	5.2885	153.45	48.829	38.71	111.93	26.766	0
"2011-12-17	17:00:00"	4.5391	174.14	49.059	39.9	77.265	26.769	0
"2011-12-17	18:00:00"	4.6261	190.97	48.861	40.382	12.615	26.763	0
"2011-12-17	19:00:00"	3.8245	194.27	48.07	43.182	0.05935	26.766	0
"2011-12-17	20:00:00"	3.133	158.22	46.556	46.382	0.05851	26.754	0
"2011-12-17	21:00:00"	2.3277	147.46	44.046	50.594	0.05808	26.76	0
"2011-12-17	22:00:00"	1.308	167.49	45.509	47.485	0.07992	26.769	0
"2011-12-17	23:00:00"	2.7017	104.23	45.898	49.09	0.07165	26.76	0
"2011-12-18	00:00:00"	1.907	129.92	45.56	52.483	0.07568	26.76	0
"2011-12-18	01:00:00"	4.3521	177.73	46.037	55.171	0.07801	26.742	0
"2011-12-18	02:00:00"	3.2914	163.23	45.734	54.063	0.07377	26.728	0
"2011-12-18	03:00:00"	6.8214	158.63	45.728	59.983	0.06889	26.704	0
"2011-12-18	04:00:00"	6.4598	166.62	45.091	71.377	0.08182	26.692	0
"2011-12-18	05:00:00"	3.9507	178.89	45.019	76.613	0.08585	26.672	0
"2011-12-18	06:00:00"	4.6193	166.96	45.253	71.384	0.07038	26.663	0
"2011-12-18	07:00:00"	4.5665	166.55	44.877	71.649	0.05617	26.657	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-18	08:00:00"	6.3498	177.05	44.254	73.664	1.2087	26.657	0
"2011-12-18	09:00:00"	6.6605	175.62	43.738	77.185	36.675	26.666	0
"2011-12-18	10:00:00"	7.1383	174.73	43.737	80.113	106.7	26.666	0
"2011-12-18	11:00:00"	5.5588	172.65	44.819	77.519	189.9	26.648	0
"2011-12-18	12:00:00"	5.7359	195.93	46.593	73.879	280.23	26.624	0
"2011-12-18	13:00:00"	6.983	175.71	48.012	73.31	332.09	26.577	0
"2011-12-18	14:00:00"	7.6068	179.57	50.005	67.954	381.2	26.539	0
"2011-12-18	15:00:00"	8.0219	150.89	51.741	63.745	256.61	26.483	0
"2011-12-18	16:00:00"	9.4386	154.14	52.456	63.76	240.38	26.474	0
"2011-12-18	17:00:00"	10.839	155	50.395	72.998	182.94	26.474	0
"2011-12-18	18:00:00"	9.7263	164.82	48.862	78.375	13.416	26.45	0
"2011-12-18	19:00:00"	9.8848	155.76	46.874	83.612	0.08225	26.429	0
"2011-12-18	20:00:00"	9.0465	126.45	45.857	88.076	0.05766	26.409	0
"2011-12-18	21:00:00"	8.9552	129.27	45.864	89.321	0.07992	26.385	0
"2011-12-18	22:00:00"	6.3715	117.83	45.729	90.514	0.06487	26.394	0
"2011-12-18	23:00:00"	4.4975	156.48	45.8	92.138	0.04897	26.382	0
"2011-12-19	00:00:00"	5.6706	179.89	45.689	94.009	0.09115	26.338	0.01
"2011-12-19	01:00:00"	11.046	110.11	46.496	95.442	0.07398	26.258	0.08
"2011-12-19	02:00:00"	16.049	124.98	47.743	95.693	0.07334	26.258	0
"2011-12-19	03:00:00"	9.6536	185.79	48.253	96.195	0.07737	26.246	0.03
"2011-12-19	04:00:00"	7.8597	189.72	47.883	96.19	0.07801	26.19	0.04
"2011-12-19	05:00:00"	9.4212	154.41	48.53	96.32	0.0725	26.178	0.04
"2011-12-19	06:00:00"	11.78	204.42	48.405	95.345	0.06932	26.19	0.09
"2011-12-19	07:00:00"	11.903	222.25	46.902	93.837	0.07801	26.202	0.04
"2011-12-19	08:00:00"	0.44801	213.49	45.908	88.79	0.48861	26.217	0.01
"2011-12-19	09:00:00"	0.54556	214.94	45.022	90.565	38.038	26.217	0
"2011-12-19	10:00:00"	1.2403	222.32	44.662	82.377	264.4	26.232	0
"2011-12-19	11:00:00"	15.062	236.35	46.13	70.2	509.31	26.232	0
"2011-12-19	12:00:00"	24.442	240.45	48.033	62.608	611.59	26.217	0
"2011-12-19	13:00:00"	22.653	238.92	49.063	59.56	661.76	26.193	0
"2011-12-19	14:00:00"	25.652	236.53	49.698	53.821	607.84	26.178	0
"2011-12-19	15:00:00"	25.915	237.79	48.688	54.234	467.86	26.178	0
"2011-12-19	16:00:00"	23.314	238.92	49.328	54.085	415.97	26.187	0
"2011-12-19	17:00:00"	20.195	238.29	49.523	53.524	190.41	26.202	0
"2011-12-19	18:00:00"	22.914	255.28	47.895	56.209	47.081	26.243	0
"2011-12-19	19:00:00"	17.363	274.39	43.941	71.293	0.07525	26.285	0
"2011-12-19	20:00:00"	15.474	300.88	40.023	77.169	0.06635	26.323	0
"2011-12-19	21:00:00"	17.956	332.37	37.563	72.559	0.06699	26.344	0
"2011-12-19	22:00:00"	14.546	336.37	35.384	72.931	0.06296	26.367	0
"2011-12-19	23:00:00"	15.801	337.44	34.636	70.307	0.08225	26.406	0
"2011-12-20	00:00:00"	13.236	334.45	33.617	70.438	0.0655	26.415	0
"2011-12-20	01:00:00"	11.196	333.51	33.201	70.987	0.08606	26.429	0
"2011-12-20	02:00:00"	9.5747	317.77	32.654	74.536	0.08712	26.423	0
"2011-12-20	03:00:00"	7.0706	326.82	31.868	78.697	0.08903	26.435	0
"2011-12-20	04:00:00"	10.468	337.6	32.039	75.897	0.07483	26.441	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-20	05:00:00"	11.985	334.62	31.567	72.207	0.08479	26.447	0
"2011-12-20	06:00:00"	9.6399	336.65	30.477	75.322	0.07377	26.438	0
"2011-12-20	07:00:00"	9.7866	336.69	29.867	75.191	0.06932	26.462	0
"2011-12-20	08:00:00"	10.278	340.42	30.029	71.453	2.0469	26.488	0
"2011-12-20	09:00:00"	10.336	339.3	30.983	67.417	116.47	26.503	0
"2011-12-20	10:00:00"	14.914	344.29	33.296	59.857	378.24	26.527	0
"2011-12-20	11:00:00"	14.063	341.59	34.989	55.942	499.34	26.536	0
"2011-12-20	12:00:00"	12.683	337.37	37.177	52.743	545.49	26.509	0
"2011-12-20	13:00:00"	12.403	333.65	39.108	51.097	668.89	26.474	0
"2011-12-20	14:00:00"	11.975	329.79	41.041	48.983	639.89	26.444	0
"2011-12-20	15:00:00"	10.12	321.25	42.986	47.304	548.67	26.429	0
"2011-12-20	16:00:00"	9.0403	325.42	43.804	46.991	403.11	26.409	0
"2011-12-20	17:00:00"	7.8032	333.05	43.686	48.314	223.69	26.409	0
"2011-12-20	18:00:00"	4.966	344.6	42.005	52.991	53.898	26.412	0
"2011-12-20	19:00:00"	3.5412	12.446	37.976	62.182	0.15114	26.418	0
"2011-12-20	20:00:00"	1.8815	5.8027	36.267	66.879	0.08225	26.418	0
"2011-12-20	21:00:00"	2.6713	347.34	34.111	73.508	0.07123	26.412	0
"2011-12-20	22:00:00"	1.5733	39.349	34.078	72.602	0.07377	26.418	0
"2011-12-20	23:00:00"	1.4944	108.31	33.934	71.794	0.07271	26.406	0
"2011-12-21	00:00:00"	1.2465	135.25	32.543	74.005	0.09391	26.397	0
"2011-12-21	01:00:00"	1.2807	158.02	30.551	77.315	0.06381	26.379	0
"2011-12-21	02:00:00"	1.4186	228.77	30.001	79.167	0.07737	26.367	0
"2011-12-21	03:00:00"	2.2842	275.63	29.952	79.577	0.09264	26.358	0
"2011-12-21	04:00:00"	2.9602	264.82	29.191	80.509	0.09052	26.353	0
"2011-12-21	05:00:00"	2.1854	268.81	28.23	82.618	0.08373	26.35	0
"2011-12-21	06:00:00"	1.9996	241.2	28.287	80.962	0.07144	26.353	0
"2011-12-21	07:00:00"	1.9778	163.95	26.925	82.862	0.09539	26.353	0
"2011-12-21	08:00:00"	4.3105	202.54	26.143	83.299	5.1886	26.361	0
"2011-12-21	09:00:00"	4.2663	209.04	28.385	82.759	146.61	26.364	0
"2011-12-21	10:00:00"	8.4146	209.38	34.499	74.781	344.17	26.379	0
"2011-12-21	11:00:00"	11.419	205.99	39.737	59.713	508.54	26.37	0
"2011-12-21	12:00:00"	11.381	214.93	44.8	52.291	617.78	26.341	0
"2011-12-21	13:00:00"	11.537	214.9	48.841	46.902	663.2	26.291	0
"2011-12-21	14:00:00"	9.1571	230.51	52.007	41.502	639.04	26.261	0
"2011-12-21	15:00:00"	8.2791	233.8	54.477	37.766	550.64	26.24	0
"2011-12-21	16:00:00"	10.108	234.72	57.487	32.968	405.67	26.234	0
"2011-12-21	17:00:00"	9.6884	225.28	57.472	33.37	225.21	26.246	0
"2011-12-21	18:00:00"	5.5967	244.2	54.404	36.796	55.421	26.246	0
"2011-12-21	19:00:00"	3.302	226.58	48.471	45.996	0.21346	26.273	0
"2011-12-21	20:00:00"	5.1276	245.53	46.301	50.899	0.07949	26.279	0
"2011-12-21	21:00:00"	5.6762	280.93	44.706	53.758	0.08797	26.299	0
"2011-12-21	22:00:00"	3.7506	253.54	41.319	59.9	0.08034	26.314	0
"2011-12-21	23:00:00"	4.6205	291.08	41.305	61.986	0.08204	26.326	0
"2011-12-22	00:00:00"	5.2307	310.55	41.466	61.767	0.07631	26.323	0
"2011-12-22	01:00:00"	3.0342	311.91	40.419	63.662	0.08903	26.32	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-22	02:00:00"	2.2251	215.47	36.484	71.345	0.10239	26.332	0
"2011-12-22	03:00:00"	2.3879	234.62	34.855	75.266	0.08797	26.347	0
"2011-12-22	04:00:00"	2.5091	237.9	33.35	79.76	0.09624	26.353	0
"2011-12-22	05:00:00"	4.2253	264.84	34.794	78.77	0.08755	26.376	0
"2011-12-22	06:00:00"	8.3668	343.84	34.748	78.9	0.07568	26.403	0
"2011-12-22	07:00:00"	5.8483	339.97	32.697	78.325	0.10133	26.438	0
"2011-12-22	08:00:00"	12.916	1.9282	33.28	70.515	4.6462	26.471	0
"2011-12-22	09:00:00"	15.584	5.1581	33.213	69.277	142.28	26.509	0
"2011-12-22	10:00:00"	16.145	10.707	35.012	66.951	342	26.553	0
"2011-12-22	11:00:00"	15.004	18.093	37.299	64.207	505.62	26.571	0
"2011-12-22	12:00:00"	16.203	24.736	38.985	62.714	615.96	26.574	0
"2011-12-22	13:00:00"	14.133	30.913	40.038	61.241	584.86	26.562	0
"2011-12-22	14:00:00"	12.923	23.768	41.041	59.782	631.52	26.556	0
"2011-12-22	15:00:00"	11.702	25.891	41.994	57.047	544.17	26.556	0
"2011-12-22	16:00:00"	13.172	29.57	42.397	55.623	317.56	26.571	0
"2011-12-22	17:00:00"	15.754	36.959	39.993	60.579	123.58	26.598	0
"2011-12-22	18:00:00"	16.783	38.991	35.451	70.716	16.365	26.609	0
"2011-12-22	19:00:00"	14.994	41.444	33.711	75.676	0.10853	26.639	0
"2011-12-22	20:00:00"	15.9	41.231	33.061	77.043	0.09264	26.66	0
"2011-12-22	21:00:00"	15.783	37.773	32.512	77.421	0.09391	26.674	0
"2011-12-22	22:00:00"	15.207	42.222	32.16	75.776	0.09073	26.677	0
"2011-12-22	23:00:00"	15.442	44.572	31.248	79.942	0.10429	26.677	0
"2011-12-23	00:00:00"	15.266	43.269	30.041	81.162	0.08204	26.698	0
"2011-12-23	01:00:00"	11.778	43.568	29.924	81.953	0.07695	26.71	0
"2011-12-23	02:00:00"	13.869	38.964	29.406	82.038	0.07652	26.698	0
"2011-12-23	03:00:00"	15.442	38.32	28.594	78.949	0.07229	26.686	0
"2011-12-23	04:00:00"	14.619	47.674	28.42	78.072	0.09709	26.695	0
"2011-12-23	05:00:00"	13.305	56.886	28.417	78.603	0.07568	26.692	0
"2011-12-23	06:00:00"	12.754	46.711	28.399	81.111	0.08818	26.719	0
"2011-12-23	07:00:00"	13.161	47.16	27.914	81.308	0.0814	26.731	0
"2011-12-23	08:00:00"	12.623	48.675	27.718	81.207	0.60775	26.742	0
"2011-12-23	09:00:00"	12.799	46.114	27.447	80.798	13.175	26.763	0
"2011-12-23	10:00:00"	13.062	51.757	27.316	78.982	42.363	26.781	0
"2011-12-23	11:00:00"	12.987	55.101	27.469	76.073	97.359	26.775	0
"2011-12-23	12:00:00"	12.339	47.231	27.869	75.591	143.04	26.76	0
"2011-12-23	13:00:00"	11.443	46.271	28.725	72.784	186.97	26.728	0
"2011-12-23	14:00:00"	11.328	42.714	29.398	70.339	162.7	26.689	0
"2011-12-23	15:00:00"	11.684	36.731	30.085	70.632	115.83	26.692	0
"2011-12-23	16:00:00"	10.732	30.849	28.777	83.215	76.027	26.689	0
"2011-12-23	17:00:00"	10.01	31.26	28.634	87.996	34.807	26.692	0
"2011-12-23	18:00:00"	10.242	28.693	28.786	87.814	5.6938	26.698	0
"2011-12-23	19:00:00"	10.277	35.683	28.787	85.039	0.07568	26.722	0
"2011-12-23	20:00:00"	9.9165	34.199	28.66	85.571	0.06041	26.736	0
"2011-12-23	21:00:00"	11.364	28.744	28.021	90.477	0.08204	26.742	0
"2011-12-23	22:00:00"	10.843	31.109	28.084	89.638	0.09539	26.742	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-23	23:00:00"	9.9469	36.644	28.66	88.441	0.07758	26.742	0
"2011-12-24	00:00:00"	9.3547	49.61	28.567	90.351	0.07928	26.736	0
"2011-12-24	01:00:00"	7.5963	69.495	27.424	92.318	0.09136	26.734	0
"2011-12-24	02:00:00"	5.5818	62.839	27.077	93.266	0.09793	26.722	0
"2011-12-24	03:00:00"	6.1752	62.243	26.702	93.114	0.07101	26.728	0
"2011-12-24	04:00:00"	6.7543	43.699	26.463	93.246	0.1079	26.725	0
"2011-12-24	05:00:00"	9.6045	45.752	25.904	92.534	0.07737	26.707	0
"2011-12-24	06:00:00"	7.6366	39.723	25.721	92.426	0.09052	26.716	0
"2011-12-24	07:00:00"	6.896	12.136	25.686	92.872	0.07843	26.739	0
"2011-12-24	08:00:00"	8.5302	18.486	26.358	92.689	0.95857	26.745	0
"2011-12-24	09:00:00"	11.149	27.35	26.491	91.934	31.712	26.766	0
"2011-12-24	10:00:00"	10.862	28.793	26.937	91.485	106.98	26.79	0
"2011-12-24	11:00:00"	11.214	40.963	27.407	91.243	180.86	26.793	0
"2011-12-24	12:00:00"	12.594	42.723	28.392	89.572	351.01	26.772	0
"2011-12-24	13:00:00"	12.137	46.268	28.715	88.837	302.08	26.742	0
"2011-12-24	14:00:00"	11.022	45.351	29.184	88.765	421.59	26.725	0
"2011-12-24	15:00:00"	10.084	47.972	30.274	89.527	293.05	26.716	0
"2011-12-24	16:00:00"	7.4192	47.28	31.059	91.002	202.39	26.719	0
"2011-12-24	17:00:00"	5.8682	9.6516	31.402	92.685	99.021	26.731	0
"2011-12-24	18:00:00"	4.0464	347.05	31.226	93.884	24.743	26.736	0
"2011-12-24	19:00:00"	3.6667	322.25	30.995	94.861	0.11341	26.745	0
"2011-12-24	20:00:00"	3.8929	343.8	30.539	94.785	0.07949	26.751	0
"2011-12-24	21:00:00"	3.7854	332.05	30.168	95.121	0.08182	26.76	0
"2011-12-24	22:00:00"	3.5729	325.44	30.153	95.314	0.08098	26.769	0
"2011-12-24	23:00:00"	4.5913	302.09	30.22	95.407	0.07292	26.775	0
"2011-12-25	00:00:00"	13.666	202.1	30.775	95.676	0.10239	26.772	0
"2011-12-25	01:00:00"	0	"INF"	30.918	95.446	0.12486	26.757	0
"2011-12-25	02:00:00"	4.6479	103	30.556	94.819	0.09645	26.745	0
"2011-12-25	03:00:00"	16.377	126.17	29.727	94.378	0.07377	26.751	0
"2011-12-25	04:00:00"	24.278	209.52	29.584	94.398	0.09264	26.748	0
"2011-12-25	05:00:00"	38.995	120.2	29.994	94.267	0.05533	26.742	0
"2011-12-25	06:00:00"	39.757	117.92	29.999	93.598	0.07186	26.742	0
"2011-12-25	07:00:00"	37.817	215.9	29.454	93.052	0.08204	26.748	0
"2011-12-25	08:00:00"	24.596	278.26	29.502	93.048	1.338	26.769	0
"2011-12-25	09:00:00"	23.264	263.09	29.939	92.972	32.893	26.796	0
"2011-12-25	10:00:00"	21.417	276.93	30.555	91.529	93.325	26.819	0
"2011-12-25	11:00:00"	9.4771	325.75	31.123	89.112	234.93	26.825	0
"2011-12-25	12:00:00"	8.4693	358.14	32.082	84.715	425.45	26.801	0.01
"2011-12-25	13:00:00"	10.656	358.07	32.757	81.88	548.78	26.772	0.01
"2011-12-25	14:00:00"	9.4218	8.4986	33.252	81.235	332.5	26.763	0.01
"2011-12-25	15:00:00"	9.1615	6.4691	32.985	83.173	215.69	26.745	0
"2011-12-25	16:00:00"	8.972	3.5093	33.082	82.586	176.85	26.742	0.01
"2011-12-25	17:00:00"	8.3021	358.06	33.168	81.714	107.05	26.742	0.01
"2011-12-25	18:00:00"	7.2682	357.54	32.674	85.305	18.332	26.736	0
"2011-12-25	19:00:00"	5.0281	355.23	32.301	87.327	0.17573	26.742	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-25	20:00:00"	5.7185	359.89	32.178	89.568	0.07907	26.742	0
"2011-12-25	21:00:00"	5.0281	0.25285	32.1	88.414	0.10705	26.736	0
"2011-12-25	22:00:00"	3.8879	359.93	31.815	87.637	0.11828	26.734	0
"2011-12-25	23:00:00"	2.0717	337.54	31.347	88.72	0.08034	26.722	0
"2011-12-26	00:00:00"	2.4091	303.58	30.8	90.196	0.09242	26.704	0
"2011-12-26	01:00:00"	3.0982	313.63	30.595	92.115	0.06762	26.674	0
"2011-12-26	02:00:00"	3.8562	290.93	29.877	92.125	0.05935	26.657	0
"2011-12-26	03:00:00"	5.6613	289.11	30.023	90.363	0.07758	26.642	0
"2011-12-26	04:00:00"	5.496	282.34	29.469	89.728	0.08246	26.624	0
"2011-12-26	05:00:00"	5.9558	282.54	28.343	87.193	0.07165	26.601	0
"2011-12-26	06:00:00"	3.7264	278.34	25.593	90.006	0.07716	26.589	0
"2011-12-26	07:00:00"	5.7557	275.13	25.467	86.933	0.08903	26.58	0
"2011-12-26	08:00:00"	2.8465	249.88	23.066	89.377	2.565	26.577	0
"2011-12-26	09:00:00"	2.327	246.57	21.416	88.03	133.28	26.571	0
"2011-12-26	10:00:00"	4.0687	266.5	23.967	83.289	349.07	26.583	0
"2011-12-26	11:00:00"	4.1365	269.34	28.664	76.368	526.65	26.571	0
"2011-12-26	12:00:00"	4.9617	273.44	34.825	65.804	642	26.547	0.01
"2011-12-26	13:00:00"	9.7058	248.82	37.817	61.197	692.26	26.524	0.06
"2011-12-26	14:00:00"	10.236	241.33	38.164	61.622	670.18	26.5	0.09
"2011-12-26	15:00:00"	10.138	248.63	39.814	59.078	580	26.491	0.08
"2011-12-26	16:00:00"	9.5256	264.3	40.986	57.102	431.18	26.491	0.07
"2011-12-26	17:00:00"	8.4929	266.61	41.922	56.901	243.74	26.494	0.04
"2011-12-26	18:00:00"	5.4065	260.65	40.485	61.488	64.651	26.491	0.01
"2011-12-26	19:00:00"	3.2529	255.93	36.077	71.472	0.41484	26.509	0
"2011-12-26	20:00:00"	3.2541	261.51	34.567	75.035	0.05957	26.527	0
"2011-12-26	21:00:00"	3.5915	294.63	35.294	70.268	0.08161	26.536	0
"2011-12-26	22:00:00"	4.7609	312.42	35.464	68.357	0.06995	26.559	0
"2011-12-26	23:00:00"	6.5486	301.87	34.762	71.166	0.09454	26.577	0
"2011-12-27	00:00:00"	8.3525	310.47	33.655	71.058	0.08437	26.586	0
"2011-12-27	01:00:00"	11.496	330.75	33.575	69.044	0.07695	26.601	0
"2011-12-27	02:00:00"	11.513	346.78	33.068	69.663	0.07695	26.612	0
"2011-12-27	03:00:00"	13.318	12.732	34.462	62.756	0.08394	26.627	0
"2011-12-27	04:00:00"	12.468	14.522	33.056	64.789	0.06805	26.648	0
"2011-12-27	05:00:00"	11.454	13.043	31.745	66.662	0.08755	26.66	0
"2011-12-27	06:00:00"	8.212	359.86	30.59	66.752	0.06868	26.683	0
"2011-12-27	07:00:00"	4.3403	344.75	27.459	72.648	0.07589	26.689	0
"2011-12-27	08:00:00"	4.9952	313.71	26.286	74.457	2.8284	26.704	0
"2011-12-27	09:00:00"	5.8633	314.1	27.291	70.881	135.06	26.713	0
"2011-12-27	10:00:00"	4.2477	318.41	32.941	61.347	346.98	26.725	0
"2011-12-27	11:00:00"	4.0066	311.6	39.077	54.485	519.72	26.722	0
"2011-12-27	12:00:00"	3.1895	291.45	42.737	47.055	633.75	26.698	0.03
"2011-12-27	13:00:00"	5.2201	181.09	46.849	35.694	682.82	26.666	0.03
"2011-12-27	14:00:00"	7.6895	195.82	47.301	35.695	660.67	26.63	0.02
"2011-12-27	15:00:00"	7.4011	192.19	47.322	37.786	571.89	26.604	0
"2011-12-27	16:00:00"	7.2955	161.01	47.72	42.234	424.72	26.583	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-27	17:00:00"	6.8947	161.37	47.369	44.605	240.41	26.571	0
"2011-12-27	18:00:00"	4.3956	140.15	44.693	51.446	63.344	26.556	0
"2011-12-27	19:00:00"	3.8929	92.294	40.157	61.449	0.26031	26.559	0
"2011-12-27	20:00:00"	4.2117	89.133	39.845	61.462	0.06423	26.553	0
"2011-12-27	21:00:00"	4.1489	166.12	37.747	63.613	0.09179	26.556	0
"2011-12-27	22:00:00"	2.053	236.08	35.342	68.186	0.07229	26.545	0
"2011-12-27	23:00:00"	4.211	213.3	33.957	71.781	0.07758	26.539	0
"2011-12-28	00:00:00"	2.3966	258.43	34.465	69.767	0.07568	26.527	0
"2011-12-28	01:00:00"	3.7525	238.53	32.342	75.319	0.08712	26.503	0
"2011-12-28	02:00:00"	3.4312	274.57	32.561	75.813	0.08373	26.488	0
"2011-12-28	03:00:00"	3.2479	264.8	34.198	71.377	0.08437	26.48	0
"2011-12-28	04:00:00"	3.6555	237.97	33.209	72.238	0.08098	26.474	0
"2011-12-28	05:00:00"	8.409	288.64	35.451	66.674	0.10005	26.471	0
"2011-12-28	06:00:00"	14.48	322.48	38.218	57.663	0.08797	26.491	0
"2011-12-28	07:00:00"	15.728	324.71	39.122	53.048	0.07398	26.518	0
"2011-12-28	08:00:00"	13.521	331.47	38.276	53.688	2.3994	26.545	0
"2011-12-28	09:00:00"	9.7655	327.23	37.568	54.531	141.24	26.565	0
"2011-12-28	10:00:00"	11.883	331.89	41.585	47.386	349.19	26.592	0
"2011-12-28	11:00:00"	12.701	341.37	45.329	42.844	518.73	26.604	0
"2011-12-28	12:00:00"	13.125	341.91	48.51	38.969	632.26	26.601	0
"2011-12-28	13:00:00"	14.176	341.38	50.413	36.596	679.45	26.58	0
"2011-12-28	14:00:00"	11.636	339	52.467	34.948	657.81	26.562	0
"2011-12-28	15:00:00"	10.347	315.26	53.731	33.919	569.95	26.547	0
"2011-12-28	16:00:00"	8.45	317.59	55.301	29.427	426.37	26.545	0
"2011-12-28	17:00:00"	4.8013	315.31	55.763	29.199	242.22	26.539	0
"2011-12-28	18:00:00"	2.5458	274.36	54.181	32.3	66.994	26.533	0
"2011-12-28	19:00:00"	2.4339	326.96	48.63	39.249	0.37648	26.545	0
"2011-12-28	20:00:00"	3.1851	0.51072	43.057	46.442	0.06169	26.539	0
"2011-12-28	21:00:00"	1.7827	11.877	43.045	46.736	0.06275	26.539	0
"2011-12-28	22:00:00"	2.6197	338.96	42.123	49.368	0.07123	26.542	0
"2011-12-28	23:00:00"	1.5646	324.45	39.907	54.557	0.09412	26.527	0
"2011-12-29	00:00:00"	1.6796	269.91	37.802	61.051	0.09581	26.518	0
"2011-12-29	01:00:00"	3.8662	292.69	38.847	59.4	0.06423	26.512	0
"2011-12-29	02:00:00"	4.1887	295.65	41.39	49.356	0.07907	26.5	0
"2011-12-29	03:00:00"	3.8854	314.25	40.049	53.057	0.07546	26.477	0
"2011-12-29	04:00:00"	3.4499	313.65	38.12	55.214	0.07928	26.462	0
"2011-12-29	05:00:00"	2.4414	248.71	36.47	56.592	0.06868	26.456	0
"2011-12-29	06:00:00"	3.0354	257.08	34.414	61.774	0.07059	26.453	0
"2011-12-29	07:00:00"	3.1187	255.62	34.017	65.727	0.06465	26.45	0
"2011-12-29	08:00:00"	2.8279	310.37	33.79	70.842	3.242	26.444	0
"2011-12-29	09:00:00"	3.4915	275.44	36.604	67.989	140.87	26.453	0
"2011-12-29	10:00:00"	3.7984	275.55	41.712	62.702	343.19	26.459	0
"2011-12-29	11:00:00"	5.6315	282.89	49.34	47.35	509.61	26.453	0
"2011-12-29	12:00:00"	7.4683	261.53	57.48	35.571	620.79	26.42	0
"2011-12-29	13:00:00"	10.194	240.69	63.142	27.041	668.4	26.379	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-29	14:00:00"	10.464	247.4	65.134	25.462	649.84	26.356	0
"2011-12-29	15:00:00"	11.589	246.74	67.667	22.541	565.73	26.347	0
"2011-12-29	16:00:00"	12.688	237.74	68.12	22.445	422.09	26.341	0
"2011-12-29	17:00:00"	10.354	242.3	67.563	22.001	240.94	26.335	0
"2011-12-29	18:00:00"	6.5405	249.07	63.215	27.135	67.164	26.338	0
"2011-12-29	19:00:00"	5.4283	274.65	57.758	35.021	0.44219	26.344	0
"2011-12-29	20:00:00"	3.4387	270.07	52.677	43.734	0.07229	26.35	0
"2011-12-29	21:00:00"	5.0617	285.93	50.94	51.814	0.07822	26.353	0
"2011-12-29	22:00:00"	5.5774	278.43	47.941	58.416	0.06868	26.37	0
"2011-12-29	23:00:00"	7.4067	297.49	50.817	53.196	0.06317	26.37	0
"2011-12-30	00:00:00"	6.3268	289.98	48.587	58.588	0.07292	26.376	0
"2011-12-30	01:00:00"	10.145	304.75	49.14	56.308	0.08543	26.388	0
"2011-12-30	02:00:00"	9.3119	321.3	47.203	57.469	0.06402	26.4	0
"2011-12-30	03:00:00"	12.042	330.92	48.674	51.105	0.06169	26.429	0
"2011-12-30	04:00:00"	8.7446	327.37	44.425	60.578	0.07737	26.444	0
"2011-12-30	05:00:00"	7.2253	333.23	43.594	61.447	0.10005	26.468	0
"2011-12-30	06:00:00"	8.1232	32.705	42.533	63.514	0.04494	26.521	0
"2011-12-30	07:00:00"	7.6323	32.749	39.545	70.136	0.07568	26.55	0
"2011-12-30	08:00:00"	7.4347	32.431	38.386	69.782	2.7962	26.559	0
"2011-12-30	09:00:00"	7.636	40.014	40.348	65.129	134.94	26.583	0
"2011-12-30	10:00:00"	7.4384	66.97	48.114	45.045	339.21	26.609	0
"2011-12-30	11:00:00"	8.7744	102.84	53.123	29.582	507.19	26.63	0
"2011-12-30	12:00:00"	9.1851	128.2	56.111	24.374	618.79	26.601	0
"2011-12-30	13:00:00"	10.126	157.82	57.513	24.127	665.93	26.586	0
"2011-12-30	14:00:00"	9.0335	172.05	59.439	21.835	644.14	26.556	0
"2011-12-30	15:00:00"	8.4544	184.03	61.014	21.28	562.63	26.533	0
"2011-12-30	16:00:00"	9.2323	193.61	61.465	21.521	421.46	26.518	0
"2011-12-30	17:00:00"	7.8933	186.98	61.268	22.239	241.69	26.509	0
"2011-12-30	18:00:00"	5.593	197.66	57.913	27.004	63.612	26.503	0
"2011-12-30	19:00:00"	4.7261	194.55	50.975	35.467	0.54797	26.506	0
"2011-12-30	20:00:00"	5.0169	173.29	48.079	40.214	0.06974	26.506	0
"2011-12-30	21:00:00"	5.1816	178.33	46.335	43.443	0.08055	26.5	0
"2011-12-30	22:00:00"	3.6021	234.8	43.226	49.536	0.08246	26.488	0
"2011-12-30	23:00:00"	2.8067	234	40.303	56.856	0.06508	26.485	0
"2011-12-31	00:00:00"	2.7371	234.43	39.981	57.021	0.07377	26.474	0
"2011-12-31	01:00:00"	3.8363	246.31	42.5	50.223	0.07886	26.462	0
"2011-12-31	02:00:00"	3.9134	278.17	43.399	49.477	0.07356	26.456	0
"2011-12-31	03:00:00"	4.1073	283.91	43.76	48.558	0.07144	26.444	0
"2011-12-31	04:00:00"	2.867	265.94	43.362	48.35	0.0973	26.435	0
"2011-12-31	05:00:00"	2.4389	269.08	40.962	52.836	0.05723	26.423	0
"2011-12-31	06:00:00"	2.3674	242.43	38.194	58.669	0.06487	26.418	0
"2011-12-31	07:00:00"	3.4865	250.68	38.255	58.812	0.0761	26.423	0
"2011-12-31	08:00:00"	3.1243	241.19	36.424	64.036	2.9982	26.435	0
"2011-12-31	09:00:00"	3.6543	247.03	36.982	65.629	140.32	26.453	0
"2011-12-31	10:00:00"	4.4745	234.23	43.871	58.639	346.74	26.462	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2011-12-31	11:00:00"	6.8767	230.14	53.122	43.497	516.24	26.462	0
"2011-12-31	12:00:00"	7.943	252.25	60.365	35.886	628.91	26.447	0
"2011-12-31	13:00:00"	11.119	261.99	70	23.272	678.32	26.415	0
"2011-12-31	14:00:00"	12.316	268.57	73.167	19.038	660.5	26.409	0
"2011-12-31	15:00:00"	12.037	284.79	74.42	17.875	577.21	26.415	0
"2011-12-31	16:00:00"	11.628	289.44	74.589	17.707	436.27	26.429	0
"2011-12-31	17:00:00"	10.03	295.85	73.698	17.962	255.91	26.45	0
"2011-12-31	18:00:00"	4.9691	320.53	69.901	22.957	81.572	26.48	0
"2011-12-31	19:00:00"	3.3187	332.37	61.792	31.971	1.2295	26.515	0
"2011-12-31	20:00:00"	8.4923	345.32	57.676	36.446	0.07695	26.559	0
"2011-12-31	21:00:00"	8.6482	358.82	56.244	33.9	0.08967	26.598	0
"2011-12-31	22:00:00"	17.038	29.507	51.869	34.984	0.07356	26.674	0
"2011-12-31	23:00:00"	22.658	42.228	47.411	29.086	0.05999	26.71	0
"2012-01-01	00:00:00"	17.548	40.376	43.442	34.831	0.07737	26.751	0
"2012-01-01	01:00:00"	14.982	40.334	40.44	40.662	0.08225	26.772	0
"2012-01-01	02:00:00"	10.43	35.4	37.04	47.733	0.09115	26.798	0
"2012-01-01	03:00:00"	11.903	26.826	34.532	54.124	0.04897	26.81	0
"2012-01-01	04:00:00"	11.767	20.269	33.769	57.036	0.08416	26.849	0
"2012-01-01	05:00:00"	4.2322	340.38	32.329	60.815	0.0797	26.875	0
"2012-01-01	06:00:00"	3.8158	326.98	28.851	70.103	0.0761	26.902	0
"2012-01-01	07:00:00"	4.2663	305.31	28.559	74.37	0.08479	26.928	0
"2012-01-01	08:00:00"	7.2669	333.52	29.006	73.444	2.8778	26.952	0
"2012-01-01	09:00:00"	5.8819	338.89	30.98	69.848	141.63	26.987	0
"2012-01-01	10:00:00"	6.3989	357.83	37.949	52.139	349.99	27.008	0
"2012-01-01	11:00:00"	5.1375	33.015	41.373	40.173	522.1	27.014	0
"2012-01-01	12:00:00"	5.1468	66.301	43.524	33.445	637.58	26.999	0
"2012-01-01	13:00:00"	5.0536	56.758	45.261	29.535	686.95	26.967	0
"2012-01-01	14:00:00"	4.1688	64.15	47.081	25.671	667.19	26.949	0
"2012-01-01	15:00:00"	3.7344	35.518	48.585	24.023	580.5	26.931	0
"2012-01-01	16:00:00"	4.1787	63.841	49.293	23.147	436.64	26.925	0
"2012-01-01	17:00:00"	5.4513	55.01	49.354	23.213	253.03	26.94	0
"2012-01-01	18:00:00"	5.048	73.316	47.311	25.768	74.497	26.943	0
"2012-01-01	19:00:00"	3.9718	84.701	43.66	28.38	0.64145	26.946	0
"2012-01-01	20:00:00"	4.3962	82.947	41.461	30.903	0.08946	26.949	0
"2012-01-01	21:00:00"	4.728	90.386	39.962	34.413	0.11934	26.955	0
"2012-01-01	22:00:00"	6.3119	47.338	35.991	40.737	0.07504	26.961	0
"2012-01-01	23:00:00"	6.1808	40.32	31.324	52.389	0.06889	26.967	0
"2012-01-02	00:00:00"	6.177	31.689	30.522	54.299	0.05851	26.97	0
"2012-01-02	01:00:00"	6.0714	45.084	29.874	55.08	0.07313	26.979	0
"2012-01-02	02:00:00"	6.5642	44.026	28.953	56.587	0.08755	26.987	0
"2012-01-02	03:00:00"	6.3771	53.281	27.172	60.435	0.11171	26.982	0
"2012-01-02	04:00:00"	5.9956	59.683	27.435	59.462	0.0797	26.993	0
"2012-01-02	05:00:00"	6.6636	38.921	25.442	66.106	0.0708	26.996	0
"2012-01-02	06:00:00"	6.2255	25.62	23.851	71.081	0.07356	27.005	0
"2012-01-02	07:00:00"	6.2417	18.491	24.986	69.48	0.06465	27.023	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-02	08:00:00"	6.1746	22.767	24.944	70.433	3.0067	27.044	0
"2012-01-02	09:00:00"	5.3587	23.464	27.017	69.235	141.71	27.064	0
"2012-01-02	10:00:00"	4.5515	71.541	35.953	55.87	351.88	27.094	0
"2012-01-02	11:00:00"	6.0149	123.57	42.614	39.148	524.83	27.097	0
"2012-01-02	12:00:00"	7.7392	144.46	44.863	30.17	642.24	27.064	0
"2012-01-02	13:00:00"	8.1735	176.74	46.097	25.636	693.19	27.032	0
"2012-01-02	14:00:00"	6.7506	172.49	47.795	23.436	673.05	26.993	0
"2012-01-02	15:00:00"	5.757	186.3	49.596	19.689	585.76	26.976	0
"2012-01-02	16:00:00"	5.2649	179.99	50.66	17.525	444.24	26.958	0
"2012-01-02	17:00:00"	5.5532	152.12	50.436	17.48	259.27	26.937	0
"2012-01-02	18:00:00"	4.4074	148.17	47.909	20.141	77.248	26.928	0
"2012-01-02	19:00:00"	3.763	152.4	43.217	23.774	0.73578	26.925	0
"2012-01-02	20:00:00"	1.7305	149.08	38.765	28.96	0.07504	26.923	0
"2012-01-02	21:00:00"	1.6821	156.4	36.52	31.862	0.08331	26.923	0
"2012-01-02	22:00:00"	4.0246	150.62	35.972	33.077	0.07907	26.914	0
"2012-01-02	23:00:00"	3.3734	142.53	35.825	33.591	0.07568	26.908	0
"2012-01-03	00:00:00"	0.87986	146.53	34.276	36.388	0.0725	26.89	0
"2012-01-03	01:00:00"	0.77361	155.21	33.187	37.593	0.08564	26.872	0
"2012-01-03	02:00:00"	2.0474	192.08	32.168	39.604	0.05384	26.846	0
"2012-01-03	03:00:00"	3.8581	188.65	32.772	39.889	0.07589	26.834	0
"2012-01-03	04:00:00"	3.8314	180.78	32.747	41.164	0.07737	26.816	0
"2012-01-03	05:00:00"	2.6899	212.12	31.43	48.509	0.10133	26.798	0
"2012-01-03	06:00:00"	2.4345	209.03	30.014	54.045	0.09052	26.781	0
"2012-01-03	07:00:00"	3.4871	225.22	28.424	60.788	0.08585	26.769	0
"2012-01-03	08:00:00"	5.1903	219.07	26.317	69.116	2.5187	26.763	0
"2012-01-03	09:00:00"	4.5969	249.87	27.343	68.673	140.29	26.772	0
"2012-01-03	10:00:00"	6.0553	246.62	33.86	59.057	351.47	26.772	0
"2012-01-03	11:00:00"	9.8798	226.89	44.902	38.783	525.06	26.76	0
"2012-01-03	12:00:00"	10.72	219.7	50.718	30.26	641.1	26.71	0
"2012-01-03	13:00:00"	11.408	218.89	54.898	27.204	691.94	26.672	0
"2012-01-03	14:00:00"	14.479	229.81	60.023	24.083	669.32	26.633	0
"2012-01-03	15:00:00"	14.666	228.19	61.871	22.968	583.57	26.607	0
"2012-01-03	16:00:00"	13.451	232.91	63.53	22.248	440.3	26.598	0
"2012-01-03	17:00:00"	12.445	227.96	64.717	21.897	256.16	26.589	0
"2012-01-03	18:00:00"	8.7234	217.22	61.398	24.455	75.75	26.583	0
"2012-01-03	19:00:00"	5.3823	220.03	52.53	33.325	1.0315	26.577	0
"2012-01-03	20:00:00"	5.378	228.39	49.668	37.229	0.06614	26.571	0
"2012-01-03	21:00:00"	4.5329	246.49	45.222	43.92	0.06381	26.58	0
"2012-01-03	22:00:00"	3.8948	240.13	42.184	48.266	0.07822	26.589	0
"2012-01-03	23:00:00"	5.1431	240.23	40.151	53.531	0.06487	26.586	0
"2012-01-04	00:00:00"	4.18	235.84	38.372	57.093	0.10896	26.583	0
"2012-01-04	01:00:00"	3.3585	226.71	37.19	58.775	0.0655	26.577	0
"2012-01-04	02:00:00"	2.7682	241.19	36.319	60.865	0.0797	26.58	0
"2012-01-04	03:00:00"	5.488	330.49	39.272	59.352	0.08119	26.583	0
"2012-01-04	04:00:00"	11.283	6.2088	44.679	51.217	0.07038	26.598	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-04	05:00:00"	15.452	20.895	45.18	49.703	0.08967	26.598	0
"2012-01-04	06:00:00"	12.851	29.457	44.925	47.069	0.05702	26.648	0
"2012-01-04	07:00:00"	7.5689	4.5074	41.081	53.103	0.08437	26.689	0
"2012-01-04	08:00:00"	10.299	20.053	41.528	51.344	1.4735	26.722	0
"2012-01-04	09:00:00"	12.529	15.515	42.817	48.943	108.99	26.766	0
"2012-01-04	10:00:00"	17.139	23.288	46.856	42.701	336.64	26.807	0
"2012-01-04	11:00:00"	19.367	30.053	49.81	37.054	349.16	26.825	0
"2012-01-04	12:00:00"	18.449	41.333	51.981	32.831	485.99	26.81	0
"2012-01-04	13:00:00"	17.385	41.372	54.305	29.521	433.01	26.784	0
"2012-01-04	14:00:00"	14.425	51.103	57.81	25.386	658.66	26.769	0
"2012-01-04	15:00:00"	12.627	58.144	60.425	22.398	583.07	26.772	0
"2012-01-04	16:00:00"	12.38	45.835	61.05	21.16	439.2	26.772	0
"2012-01-04	17:00:00"	10.31	45.36	60.296	21.916	256.85	26.778	0
"2012-01-04	18:00:00"	6.9438	35.198	57.002	24.965	76.811	26.778	0
"2012-01-04	19:00:00"	5.2425	24.845	51.381	29.572	0.77796	26.784	0
"2012-01-04	20:00:00"	5.309	11.603	49.124	33.074	0.07123	26.784	0
"2012-01-04	21:00:00"	5.3419	9.0443	46.717	37.516	0.07907	26.79	0
"2012-01-04	22:00:00"	3.453	339.67	44.033	42.15	0.07546	26.793	0
"2012-01-04	23:00:00"	3.5052	340.76	39.039	51.181	0.0797	26.781	0
"2012-01-05	00:00:00"	4.802	347.34	38.205	52.054	0.07419	26.775	0
"2012-01-05	00:00:00"	5.3687	355	36.68	55.7	0	0.19785	0
"2012-01-05	01:00:00"	4.3241	352.39	36.683	55.523	0.07504	26.763	0
"2012-01-05	02:00:00"	3.6835	350.86	34.166	64.231	0.07737	26.751	0
"2012-01-05	03:00:00"	2.9975	353.77	36.342	56.144	0.08522	26.745	0
"2012-01-05	04:00:00"	2.4246	347.55	37.419	52.642	0.09327	26.731	0
"2012-01-05	05:00:00"	2.6949	356.3	37.318	52.537	0.09581	26.722	0
"2012-01-05	06:00:00"	2.9894	338.68	36.092	56.063	0.10896	26.722	0
"2012-01-05	07:00:00"	3.4523	341.65	33.123	62.289	0.08013	26.719	0
"2012-01-05	08:00:00"	3.0199	337.57	34.621	58.397	2.318	26.719	0
"2012-01-05	09:00:00"	1.5889	321.78	37.264	53.933	139.37	26.725	0
"2012-01-05	10:00:00"	3.7214	247.98	41.511	53.494	351.51	26.731	0
"2012-01-05	11:00:00"	10.471	215.98	50.064	36.145	527.58	26.725	0
"2012-01-05	12:00:00"	12.144	219.49	55.268	29.233	644.79	26.698	0
"2012-01-05	13:00:00"	12.555	220.66	58.412	25.094	696.37	26.657	0
"2012-01-05	14:00:00"	12.274	225.28	60.49	22.883	679.71	26.615	0
"2012-01-05	15:00:00"	11.907	230.55	61.861	19.928	597.82	26.586	0
"2012-01-05	16:00:00"	11.108	217.27	62.67	17.704	454.98	26.562	0
"2012-01-05	17:00:00"	10.497	206.64	62.337	17.967	269.63	26.545	0
"2012-01-05	18:00:00"	7.4055	194.26	58.521	21.808	84.457	26.521	0
"2012-01-05	19:00:00"	5.7471	174.96	48.634	30.584	0.89879	26.512	0
"2012-01-05	20:00:00"	6.8916	179.27	45.588	34.174	0.09306	26.5	0
"2012-01-05	21:00:00"	7.764	182.71	44.314	35.942	0.06805	26.494	0
"2012-01-05	22:00:00"	4.4055	217.5	40.275	41.446	0.09899	26.488	0
"2012-01-05	23:00:00"	5.4954	210.05	39.97	42.228	0.06699	26.48	0
"2012-01-06	00:00:00"	5.8732	197.93	38.604	46.908	0.08119	26.447	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-06	01:00:00"	6.9873	235.33	39.016	44.923	0.08288	26.429	0
"2012-01-06	02:00:00"	3.6071	272.09	35.283	51.399	0.09391	26.412	0
"2012-01-06	03:00:00"	3.476	275.66	36.533	49.485	0.08458	26.403	0
"2012-01-06	04:00:00"	2.8043	261.86	37.491	46.701	0.09158	26.385	0
"2012-01-06	05:00:00"	1.7572	231.77	35.726	49.608	0.09899	26.376	0
"2012-01-06	06:00:00"	2.0375	202.3	35.311	50.219	0.07949	26.364	0
"2012-01-06	07:00:00"	2.9764	224.96	30.741	60.151	0.07589	26.356	0
"2012-01-06	08:00:00"	3.4238	244.66	27.988	67.301	2.4236	26.353	0
"2012-01-06	09:00:00"	4.7181	241.05	29.117	68.998	142.85	26.367	0
"2012-01-06	10:00:00"	5.6458	238.73	38.94	52.685	352.79	26.385	0
"2012-01-06	11:00:00"	8.0685	242.82	49.267	35.728	525.69	26.394	0
"2012-01-06	12:00:00"	10.719	260.51	57.598	25.609	638.97	26.382	0
"2012-01-06	13:00:00"	13.134	274.59	63.166	19.795	691.48	26.338	0
"2012-01-06	14:00:00"	13.541	283.2	66.359	16.533	676.08	26.317	0
"2012-01-06	15:00:00"	12.211	298.54	68.262	15.133	593.06	26.311	0
"2012-01-06	16:00:00"	13.978	307.72	68.906	14.209	449.49	26.32	0
"2012-01-06	17:00:00"	13.35	319.13	67.802	16.065	266.43	26.335	0
"2012-01-06	18:00:00"	8.4034	338.56	64.858	19.684	83.285	26.358	0
"2012-01-06	19:00:00"	7.0047	356.87	56.839	26.124	0.93441	26.382	0
"2012-01-06	20:00:00"	7.1458	14.728	51.448	32.556	0.05236	26.4	0
"2012-01-06	21:00:00"	9.9718	16.241	50.473	34.907	0.08543	26.423	0
"2012-01-06	22:00:00"	11.313	25.186	48.655	39.478	0.06169	26.456	0
"2012-01-06	23:00:00"	11.841	36.253	45.811	46.251	0.06253	26.48	0
"2012-01-07	00:00:00"	13.745	32.097	43.121	53.992	0.05405	26.488	0
"2012-01-07	01:00:00"	12.86	27.933	40.369	60.774	0.07207	26.5	0
"2012-01-07	02:00:00"	10.188	28.139	37.513	66.933	0.08352	26.5	0
"2012-01-07	03:00:00"	9.3728	23.875	35.387	71.36	0.08628	26.506	0
"2012-01-07	04:00:00"	10.39	21.459	34.16	73.346	0.07695	26.512	0
"2012-01-07	05:00:00"	9.1683	12.538	33.298	73.891	0.07292	26.53	0
"2012-01-07	06:00:00"	7.3651	355.23	31.723	74.636	0.08034	26.536	0
"2012-01-07	07:00:00"	4.1048	327.65	29.6	78.439	0.07525	26.545	0
"2012-01-07	08:00:00"	5.1276	354.06	27.646	82.566	2.509	26.545	0
"2012-01-07	09:00:00"	8.4028	3.8914	30.83	75.191	132.37	26.553	0
"2012-01-07	10:00:00"	9.4865	25.729	36.588	59.269	343.89	26.577	0
"2012-01-07	11:00:00"	7.2501	59.748	41.272	45.578	522.23	26.574	0
"2012-01-07	12:00:00"	3.8376	95.728	45.696	37.191	623.36	26.553	0
"2012-01-07	13:00:00"	4.0439	197.62	49.161	32.522	646.15	26.512	0
"2012-01-07	14:00:00"	5.1568	210.92	50.403	32.162	588.18	26.471	0
"2012-01-07	15:00:00"	5.9335	195.01	52.301	30.989	550.3	26.444	0
"2012-01-07	16:00:00"	6.8189	188.87	53.333	31.093	400.34	26.429	0
"2012-01-07	17:00:00"	7.6447	184.53	52.951	32.568	184.08	26.423	0
"2012-01-07	18:00:00"	5.5246	176.83	49.932	36.962	49.561	26.415	0
"2012-01-07	19:00:00"	4.5056	174.42	44.81	44.429	0.62767	26.403	0
"2012-01-07	20:00:00"	4.7156	184	43.866	47.668	0.07101	26.4	0
"2012-01-07	21:00:00"	6.1503	195.68	43.512	50.202	0.0973	26.397	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-07	22:00:00"	5.2848	196.37	41.731	54.241	0.07886	26.397	0
"2012-01-07	23:00:00"	2.8813	184.41	41.303	55.455	0.07864	26.406	0
"2012-01-08	00:00:00"	3.8972	182.26	38.722	59.795	0.07695	26.406	0
"2012-01-08	01:00:00"	5.3804	82.13	37.106	62.142	0.06849	26.406	0
"2012-01-08	02:00:00"	6.6735	54.284	34.052	69.108	0.08055	26.394	0
"2012-01-08	03:00:00"	6.6387	53.89	32.761	71.88	0.07207	26.388	0
"2012-01-08	04:00:00"	6.6679	65.173	32.991	71.252	0.07864	26.385	0
"2012-01-08	05:00:00"	6.6779	60.256	31.912	73.258	0.07568	26.385	0
"2012-01-08	06:00:00"	6.8879	57.651	31.392	74.265	0.06741	26.391	0
"2012-01-08	07:00:00"	7.3384	52.558	30.698	75.778	0.10578	26.388	0
"2012-01-08	08:00:00"	7.7162	44.479	28.88	78.854	0.89031	26.397	0
"2012-01-08	09:00:00"	9.0614	39.343	29.117	80.399	39.814	26.429	0
"2012-01-08	10:00:00"	12.213	39.065	32.998	74.337	164.87	26.453	0
"2012-01-08	11:00:00"	13.156	58.827	37.916	65.454	375.3	26.477	0
"2012-01-08	12:00:00"	13.76	65.36	42.778	56.037	635.65	26.471	0
"2012-01-08	13:00:00"	12.494	69.847	46.125	49.879	685.98	26.444	0
"2012-01-08	14:00:00"	10.435	68.869	49.468	44.6	669.6	26.429	0
"2012-01-08	15:00:00"	12.053	67.1	52.175	41.495	587.03	26.418	0
"2012-01-08	16:00:00"	14.475	70.159	52.252	42.21	446.9	26.409	0
"2012-01-08	17:00:00"	14.484	67.011	50.48	46.201	236.34	26.441	0
"2012-01-08	18:00:00"	13.713	65.819	48.808	53.006	95.591	26.453	0
"2012-01-08	19:00:00"	13.779	71.097	46.585	59.343	0.42417	26.474	0
"2012-01-08	20:00:00"	15.639	73.158	44.589	65.79	0.06126	26.485	0
"2012-01-08	21:00:00"	17.92	64.929	43.956	71.699	0.06889	26.515	0
"2012-01-08	22:00:00"	16.716	53.255	43.61	68.641	0.07801	26.542	0
"2012-01-08	23:00:00"	16.174	43.932	43.115	64.093	0.08267	26.556	0
"2012-01-09	00:00:00"	16.774	49.777	42.623	62.655	0.05766	26.553	0
"2012-01-09	01:00:00"	17.74	44.996	41.351	60.17	0.0672	26.574	0
"2012-01-09	02:00:00"	16.476	38.044	37.82	65.688	0.06105	26.577	0
"2012-01-09	03:00:00"	11.767	31.787	32.742	89.751	0.07165	26.571	0
"2012-01-09	04:00:00"	13.828	27.743	32.08	93.448	0.07165	26.562	0
"2012-01-09	05:00:00"	13.129	7.4319	31.617	94.681	0.07822	26.577	0
"2012-01-09	06:00:00"	12.842	17.116	31.088	94.881	0.07207	26.577	0
"2012-01-09	07:00:00"	11.94	13.25	30.216	94.532	0.06741	26.589	0
"2012-01-09	08:00:00"	13.617	10.965	29.642	93.6	0.35952	26.609	0
"2012-01-09	09:00:00"	10.318	14.48	29.585	93.088	7.5666	26.639	0
"2012-01-09	10:00:00"	11.709	5.6798	29.355	94.157	29.615	26.636	0
"2012-01-09	11:00:00"	11.408	8.7333	29.269	94.615	32.83	26.695	0
"2012-01-09	12:00:00"	12.519	2.8143	29.556	94.839	81.705	26.669	0
"2012-01-09	13:00:00"	14.339	351.49	29.354	94.574	132.91	26.636	0
"2012-01-09	14:00:00"	14.994	352.83	29.479	94.236	180.69	26.609	0
"2012-01-09	15:00:00"	12.205	0.56392	29.838	94.48	128.96	26.598	0
"2012-01-09	16:00:00"	12.074	347.4	30.053	94.326	160.49	26.601	0
"2012-01-09	17:00:00"	12.409	341.19	30.292	94.343	151.8	26.601	0
"2012-01-09	18:00:00"	9.5859	340.29	30.272	94.711	63.358	26.598	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-09	19:00:00"	7.3017	344.51	30.622	95.566	1.0387	26.595	0
"2012-01-09	20:00:00"	6.2323	317.12	31.388	95.845	0.07334	26.58	0
"2012-01-09	21:00:00"	4.5894	299.5	31.314	95.759	0.07144	26.577	0
"2012-01-09	22:00:00"	2.2289	271.78	30.822	95.679	0.07165	26.571	0
"2012-01-09	23:00:00"	4.1433	261.32	29.701	95.315	0.06614	26.58	0
"2012-01-10	00:00:00"	3.2566	235.9	27.339	94.162	0.07377	26.568	0
"2012-01-10	01:00:00"	3.3946	229.95	24.812	93.698	0.07462	26.562	0
"2012-01-10	02:00:00"	3.5921	228.28	25.748	94.034	0.07207	26.553	0
"2012-01-10	03:00:00"	4.3477	244.9	24.259	93.261	0.0778	26.536	0
"2012-01-10	04:00:00"	4.2272	262.82	22.606	92.512	0.07017	26.518	0
"2012-01-10	05:00:00"	22.589	66.588	22.584	93.47	0.07822	26.503	0
"2012-01-10	06:00:00"	32.537	79.465	26.072	94.382	0.07292	26.5	0
"2012-01-10	07:00:00"	32.706	72.836	26.344	93.975	0.092	26.506	0
"2012-01-10	08:00:00"	29.378	70.893	25.347	93.256	2.1041	26.509	0
"2012-01-10	09:00:00"	18.642	58.765	24.544	91.27	134.85	26.509	0
"2012-01-10	10:00:00"	10.599	336.96	25.361	88.224	358.56	26.521	0
"2012-01-10	11:00:00"	9.6281	320.78	27.941	85.685	539.77	26.512	0
"2012-01-10	12:00:00"	9.1397	309.5	31.254	81.933	661.24	26.494	0
"2012-01-10	13:00:00"	7.874	306.35	34.94	76.458	717.65	26.462	0.03
"2012-01-10	14:00:00"	5.7787	276.67	39.283	69.055	703.11	26.432	0.05
"2012-01-10	15:00:00"	5.4569	269.94	42.205	64.367	615.93	26.415	0.18
"2012-01-10	16:00:00"	4.5391	252.14	44.659	64.229	468.99	26.406	0.08
"2012-01-10	17:00:00"	3.4946	233.67	46.012	63.567	280.63	26.406	0.06
"2012-01-10	18:00:00"	2.6825	236.28	45.578	63.774	93.38	26.394	0.02
"2012-01-10	19:00:00"	2.6197	241.41	42.227	71.581	1.8512	26.379	0
"2012-01-10	20:00:00"	3.6822	256.47	39.788	77.992	0.07737	26.37	0
"2012-01-10	21:00:00"	3.3088	256.89	37.785	81.603	0.07101	26.367	0
"2012-01-10	22:00:00"	3.2858	272.45	38.371	76.01	0.08606	26.364	0
"2012-01-10	23:00:00"	3.5257	277.42	36.863	77.497	0.08034	26.35	0
"2012-01-11	00:00:00"	4.2433	314.3	37.119	74.267	0.08437	26.335	0
"2012-01-11	01:00:00"	5.4494	301.36	37.924	72.019	0.07504	26.317	0
"2012-01-11	02:00:00"	7.5509	288.21	39.399	65.252	0.11786	26.302	0
"2012-01-11	03:00:00"	4.9436	280.62	35.732	73.754	0.07398	26.291	0
"2012-01-11	04:00:00"	5.6663	289.69	35.063	73.187	0.07822	26.285	0
"2012-01-11	05:00:00"	3.059	247.31	32.649	76.366	0.07822	26.27	0
"2012-01-11	06:00:00"	3.4275	253.08	32.033	78.48	0.08818	26.258	0
"2012-01-11	07:00:00"	4.9063	242.98	32.434	76.42	0.08585	26.255	0
"2012-01-11	08:00:00"	8.002	255.62	35.641	71.46	2.859	0.26252	0
"2012-01-11	09:00:00"	8.8054	274.08	40.78	60.767	138.66	26.267	0
"2012-01-11	10:00:00"	9.52	274.9	45.259	52.969	383.82	26.282	0.02
"2012-01-11	11:00:00"	10.169	280.61	47.032	51.369	412.71	26.305	0.01
"2012-01-11	12:00:00"	10.857	277.8	48.934	50.026	665.44	26.288	0.01
"2012-01-11	13:00:00"	5.314	309.44	49.115	53.353	575.95	26.273	0
"2012-01-11	14:00:00"	10.227	322.05	53.517	44.825	685.4	26.267	0
"2012-01-11	15:00:00"	11.215	338.17	53.605	43.501	375.81	26.273	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-11	16:00:00"	16.464	15.471	50.311	47.711	333.07	26.294	0
"2012-01-11	17:00:00"	16.223	26.13	47.752	54.71	201.53	26.323	0
"2012-01-11	18:00:00"	16.489	32.906	45.183	59.802	58.731	26.353	0
"2012-01-11	19:00:00"	14.943	36.399	41.487	67.047	0.82969	26.4	0
"2012-01-11	20:00:00"	16.827	39.492	38.318	68.855	0.06847	26.426	0
"2012-01-11	21:00:00"	16.463	37.157	35.599	71.948	0.08585	26.456	0
"2012-01-11	22:00:00"	17.429	35.545	33.221	72.805	0.06635	26.497	0
"2012-01-11	23:00:00"	21.263	32.953	31.055	72.039	0.07716	26.536	0
"2012-01-12	00:00:00"	17.559	35.792	29.458	74.005	0.06847	26.556	0
"2012-01-12	01:00:00"	12.017	32.19	28.316	77.488	0.08416	26.58	0
"2012-01-12	02:00:00"	6.4026	16.129	27.732	77.516	0.0725	26.63	0
"2012-01-12	03:00:00"	11.268	29.844	27.503	74.998	0.09624	26.636	0
"2012-01-12	04:00:00"	9.3056	24.914	26.2	80.308	0.07207	26.633	0
"2012-01-12	05:00:00"	10.888	42.165	25.26	78.235	0.09497	26.639	0
"2012-01-12	06:00:00"	7.3775	34.427	23.139	78.617	0.09052	26.648	0
"2012-01-12	07:00:00"	2.0151	68.917	21.114	85.431	0.08649	26.672	0
"2012-01-12	08:00:00"	3.0826	43.075	20.813	83.847	1.1019	26.686	0
"2012-01-12	09:00:00"	4.1974	23.236	21.766	74.638	80.317	26.704	0
"2012-01-12	10:00:00"	2.9403	15.284	25.892	52.797	363.23	26.731	0
"2012-01-12	11:00:00"	2.5557	332.33	27.699	45.901	518.25	26.728	0
"2012-01-12	12:00:00"	2.5526	333.54	29.513	43.341	664.13	26.701	0
"2012-01-12	13:00:00"	2.0872	308.86	31.924	41.909	689.68	26.669	0
"2012-01-12	14:00:00"	4.1098	244.45	33.719	43.383	668.74	26.642	0
"2012-01-12	15:00:00"	6.4169	230.94	35.283	45.047	636.24	26.621	0
"2012-01-12	16:00:00"	6.2926	227.43	35.511	45.615	273.82	26.615	0
"2012-01-12	17:00:00"	7.5789	227.69	35.899	46.189	203.22	26.609	0
"2012-01-12	18:00:00"	5.2642	227.73	35.743	45.715	91.602	26.598	0
"2012-01-12	19:00:00"	2.7086	191.87	32.846	53.976	1.1332	26.598	0
"2012-01-12	20:00:00"	3.7984	196.78	31.096	64.278	0.09984	26.592	0
"2012-01-12	21:00:00"	4.5801	217.2	30.297	67.462	0.04727	26.592	0
"2012-01-12	22:00:00"	2.9453	234.02	29.672	69.737	0.05405	26.586	0
"2012-01-12	23:00:00"	2.982	241.92	28.613	75.022	0.08458	26.592	0
"2012-01-13	00:00:00"	3.3076	239.68	28.684	77.918	0.10811	26.589	0
"2012-01-13	01:00:00"	2.8583	239.51	28.588	79.376	0.07737	26.577	0
"2012-01-13	02:00:00"	2.9372	236.21	28.245	78.789	0.09009	26.574	0
"2012-01-13	03:00:00"	3.7879	273.28	29.04	76.287	0.08712	26.589	0
"2012-01-13	04:00:00"	3.5803	299.57	30.058	69.809	0.06783	26.589	0
"2012-01-13	05:00:00"	2.6868	289.13	29.586	70.355	0.08628	26.592	0
"2012-01-13	06:00:00"	2.9441	281.42	28.406	72.104	0.085	26.595	0
"2012-01-13	07:00:00"	2.598	302.78	27.55	75.692	0.10239	26.595	0
"2012-01-13	08:00:00"	2.0294	302.24	26.412	77.733	1.4169	26.601	0
"2012-01-13	09:00:00"	3.3691	328.06	28.031	72.837	140.11	26.63	0
"2012-01-13	10:00:00"	2.9683	285.11	33.206	64.075	357.8	26.645	0
"2012-01-13	11:00:00"	5.7738	243.68	37.48	51.308	541.03	26.648	0
"2012-01-13	12:00:00"	7.6168	239.22	40.539	44.529	664.94	26.645	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-13	13:00:00"	8.6501	268.85	44.127	35.255	721.38	26.612	0
"2012-01-13	14:00:00"	8.5581	295.11	47.036	31.334	706.56	26.589	0
"2012-01-13	15:00:00"	8.002	277.04	48.611	31.725	623.57	26.574	0
"2012-01-13	16:00:00"	6.9395	277.81	50.655	28.613	480.36	26.577	0
"2012-01-13	17:00:00"	7.0035	278.36	52.013	25.451	292.36	26.589	0
"2012-01-13	18:00:00"	5.2301	261.04	50.604	26.38	101.57	26.598	0
"2012-01-13	19:00:00"	2.0021	258.8	44.867	33.015	2.679	26.609	0
"2012-01-13	20:00:00"	1.5416	239.65	41.632	35.326	0.09687	26.618	0
"2012-01-13	21:00:00"	1.751	197.97	38.162	40.229	0.07101	26.618	0
"2012-01-13	22:00:00"	3.7021	274	36.562	44.234	0.07483	26.63	0
"2012-01-13	23:00:00"	3.3467	269.36	35.491	45.769	0.0867	26.639	0
"2012-01-14	00:00:00"	3.9594	260.82	33.302	50.519	0.07292	26.645	0
"2012-01-14	00:00:00"	3.5791	257	32	54.7	0	26.645	0
"2012-01-14	01:00:00"	4.1899	256.4	31.73	54.128	0.08204	26.648	0
"2012-01-14	02:00:00"	3.1715	250.22	32.186	51.715	0.08776	26.654	0
"2012-01-14	03:00:00"	3.0932	277.5	33.023	52.589	0.08818	26.654	0
"2012-01-14	04:00:00"	2.7378	260.44	32.924	51.378	0.08606	26.645	0
"2012-01-14	05:00:00"	3.1584	277.56	32.597	52.537	0.07546	26.645	0
"2012-01-14	06:00:00"	3.2666	277.95	31.315	56.153	0.08522	0	0
"2012-01-14	07:00:00"	3.3448	317.81	32.214	53.444	0.08331	26.68	0
"2012-01-14	08:00:00"	3.6561	312.45	31.986	52.682	2.9522	26.686	0
"2012-01-14	09:00:00"	3.453	276.76	31.262	55.785	147.95	26.698	0
"2012-01-14	10:00:00"	5.3121	301.87	39.826	41.218	364.24	26.722	0
"2012-01-14	11:00:00"	6.6779	299.97	45.748	34.279	544.9	26.722	0
"2012-01-14	12:00:00"	7.38	293.92	53.11	25.007	667.91	0.26577	0
"2012-01-14	13:00:00"	8.4668	274.67	58.124	17.249	724.42	26.686	0
"2012-01-14	14:00:00"	8.9142	259.74	60.214	15.607	711.5	26.66	0
"2012-01-14	15:00:00"	8.3922	238.64	62.024	14.089	630.05	26.639	0
"2012-01-14	16:00:00"	9.3815	226.93	62.257	15.535	486.31	26.639	0
"2012-01-14	17:00:00"	10.04	208.01	60.948	17.121	299.31	26.642	0
"2012-01-14	18:00:00"	6.699	189.67	57.016	18.938	100.88	26.639	0
"2012-01-14	19:00:00"	5.5209	154.09	48.13	25.263	1.4033	26.645	0
"2012-01-14	20:00:00"	5.373	157.66	44.562	29.061	0.07801	26.648	0
"2012-01-14	21:00:00"	4.9623	162.75	42.776	30.425	0.07313	26.657	0
"2012-01-14	22:00:00"	3.0777	169.42	40.716	33.436	0.08373	26.654	0
"2012-01-14	23:00:00"	2.4644	166.83	38.072	40.887	0.08288	26.642	0
"2012-01-15	00:00:00"	3.8544	175.93	36.52	47.768	0.06147	26.63	0
"2012-01-15	01:00:00"	4.1899	207.73	36.499	49.877	0.06847	26.615	0
"2012-01-15	02:00:00"	4.5286	224.31	35.786	54.013	0.07716	26.604	0
"2012-01-15	03:00:00"	3.717	230.3	34.106	55.392	0.10641	26.595	0
"2012-01-15	04:00:00"	3.5611	228.74	33.644	61.528	0.07949	26.577	0
"2012-01-15	05:00:00"	4.8051	185.87	33.23	64.878	0.06953	26.562	0
"2012-01-15	06:00:00"	3.9109	192.71	32.031	65.98	0.07165	26.562	0
"2012-01-15	07:00:00"	3.8134	263.66	32.237	65.261	0.09963	26.562	0
"2012-01-15	08:00:00"	3.7288	259.87	33.449	61.043	1.3921	26.571	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-15	09:00:00"	3.5499	247.82	34.012	60.995	127.7	26.58	0
"2012-01-15	10:00:00"	6.5393	217.1	40.932	50.101	343.67	26.586	0
"2012-01-15	11:00:00"	9.067	227.8	48.329	37.654	519.53	26.589	0
"2012-01-15	12:00:00"	12.034	226.5	55.472	29.684	638.39	26.565	0
"2012-01-15	13:00:00"	14.254	233.36	60.263	25.388	657.79	26.53	0
"2012-01-15	14:00:00"	13.343	233.28	63.155	23.733	688.25	26.5	0
"2012-01-15	15:00:00"	14.483	227.46	66.205	23.41	588.35	26.462	0
"2012-01-15	16:00:00"	18.287	243.11	68.193	25.933	444.49	26.45	0
"2012-01-15	17:00:00"	17.351	242.71	66.074	27.876	171.61	26.45	0
"2012-01-15	18:00:00"	13.515	235.71	63.318	31.576	43.177	26.465	0
"2012-01-15	19:00:00"	11.893	225.74	60.545	35.592	0.76228	26.471	0
"2012-01-15	20:00:00"	11.932	225.4	59.928	37.408	0.06465	26.48	0
"2012-01-15	21:00:00"	9.7965	230.54	57.194	42.768	0.06889	26.48	0
"2012-01-15	22:00:00"	5.6246	241.18	55.444	46.035	0.08564	26.48	0
"2012-01-15	23:00:00"	4.203	243.72	51.221	53.121	0.05172	26.48	0
"2012-01-16	00:00:00"	4.1396	261	50.158	55.996	0.06529	26.477	0
"2012-01-16	01:00:00"	4.3676	282.12	49.519	57.244	0.07864	26.468	0
"2012-01-16	02:00:00"	3.5977	234.65	46.421	62.363	0.0761	26.456	0
"2012-01-16	03:00:00"	2.8726	190.5	46.212	61.102	0.05448	26.447	0
"2012-01-16	04:00:00"	5.5998	201.89	43.895	64.562	0.08098	26.435	0
"2012-01-16	05:00:00"	5.2065	217.44	42.859	66.645	0.07038	26.426	0
"2012-01-16	06:00:00"	4.0824	251.18	40.894	75.808	0.08034	26.423	0
"2012-01-16	07:00:00"	4.2825	253.18	40.728	80.152	0.0884	26.42	0
"2012-01-16	08:00:00"	5.5998	218.93	44.267	72.218	0.63806	26.429	0
"2012-01-16	09:00:00"	6.2628	205.85	45.287	72.777	34.112	26.438	0
"2012-01-16	10:00:00"	7.4757	205.09	46.445	73.097	96.686	26.447	0
"2012-01-16	11:00:00"	7.4527	205.44	50.817	62.688	299.21	26.453	0
"2012-01-16	12:00:00"	11.958	224.14	58.826	43.855	550.35	26.438	0
"2012-01-16	13:00:00"	14.838	225.39	63.978	35.294	646.76	26.397	0
"2012-01-16	14:00:00"	21.144	228.45	68.344	29.447	677.32	26.356	0
"2012-01-16	15:00:00"	24.383	243.45	70.152	27.226	585.47	26.344	0
"2012-01-16	16:00:00"	23.817	249.87	69.781	27.07	372.39	26.353	0
"2012-01-16	17:00:00"	20.563	254.75	68.24	27.682	182.54	26.35	0
"2012-01-16	18:00:00"	20.998	254.12	67.742	27.393	109.07	26.35	0
"2012-01-16	19:00:00"	14.676	245.71	63.866	31.581	2.2993	26.361	0
"2012-01-16	20:00:00"	4.81	244.46	58.503	38.766	0.06232	26.382	0
"2012-01-16	21:00:00"	3.9569	235.55	54.727	44.58	0.06635	26.394	0
"2012-01-16	22:00:00"	1.9058	13.571	52.699	48.164	0.06041	26.42	0
"2012-01-16	23:00:00"	4.513	308.86	53.606	44.852	0.06911	26.435	0
"2012-01-17	00:00:00"	3.6046	279.16	51.229	49.012	0.06275	26.438	0
"2012-01-17	01:00:00"	3.4486	274.97	47.357	56.416	0.09158	26.45	0
"2012-01-17	02:00:00"	3.942	284.13	45.792	60.202	0.07038	26.462	0
"2012-01-17	03:00:00"	6.31	284.48	47.95	57.154	0.07165	26.471	0
"2012-01-17	04:00:00"	10.184	298.08	51.997	48.243	0.07737	26.483	0
"2012-01-17	05:00:00"	13.167	305.16	53.996	42.799	0.07949	26.491	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-17	06:00:00"	9.1143	343.84	48.552	52.062	0.06508	26.512	0
"2012-01-17	07:00:00"	11.206	3.9583	44.241	57.865	0.06889	26.53	0
"2012-01-17	08:00:00"	11.797	22.313	44.341	54.166	2.8772	26.568	0
"2012-01-17	09:00:00"	11.033	29.512	45.233	49.328	137.39	26.609	0
"2012-01-17	10:00:00"	18.863	40.509	41.971	51.368	348.26	26.642	0
"2012-01-17	11:00:00"	18.667	51.586	38.47	52.599	529.75	26.66	0
"2012-01-17	12:00:00"	14.072	60.741	40.933	47.166	654.22	26.672	0
"2012-01-17	13:00:00"	11.332	64.46	43.542	42.094	713.28	26.648	0
"2012-01-17	14:00:00"	11.081	63.107	46.047	38.077	704.76	26.615	0
"2012-01-17	15:00:00"	11.054	74.049	48.072	35.067	606.48	26.601	0
"2012-01-17	16:00:00"	10.198	75.813	49.464	32.845	484.71	26.604	0
"2012-01-17	17:00:00"	10.197	86.961	49.731	32.371	299.17	26.615	0
"2012-01-17	18:00:00"	10.302	96.419	48.051	34.342	104.32	26.612	0
"2012-01-17	19:00:00"	5.5122	86.085	41.794	43.638	3.3944	26.633	0
"2012-01-17	20:00:00"	5.1959	69.25	36.28	53.866	0.10726	26.651	0
"2012-01-17	21:00:00"	6.768	91.651	34.848	58.643	0.08331	26.657	0
"2012-01-17	22:00:00"	7.9076	107.66	34.471	61.026	0.09348	26.666	0
"2012-01-17	23:00:00"	7.5354	103.94	32.745	64.535	0.09094	26.66	0
"2012-01-18	00:00:00"	6.6431	78.617	30.694	68.452	0.07038	26.674	0
"2012-01-18	01:00:00"	4.6976	82.53	28.351	73.61	0.08924	26.672	0
"2012-01-18	02:00:00"	4.8877	94.974	28.027	73.027	0.08204	26.648	0
"2012-01-18	03:00:00"	6.0801	89.32	26.932	74.37	0.07313	26.645	0
"2012-01-18	04:00:00"	6.4219	113.12	26.654	73.22	0.07419	26.627	0
"2012-01-18	05:00:00"	3.2784	135.78	24.376	79.067	0.07377	26.624	0
"2012-01-18	06:00:00"	2.5085	10.053	22.811	82.6	0.08479	26.609	0
"2012-01-18	07:00:00"	1.92	260.04	23.156	83.077	0.07758	26.609	0
"2012-01-18	08:00:00"	3.2044	272.72	24.107	79.023	3.1064	26.612	0
"2012-01-18	09:00:00"	2.0872	97.285	25.943	76.418	146.68	26.624	0
"2012-01-18	10:00:00"	5.1512	211.29	31.902	67.527	365.44	26.639	0
"2012-01-18	11:00:00"	7.4651	233.88	37.891	59.339	548.98	26.645	0
"2012-01-18	12:00:00"	7.4353	240.36	43.392	51.016	675.84	26.618	0
"2012-01-18	13:00:00"	7.7516	246.86	51.416	39.321	729.55	26.577	0
"2012-01-18	14:00:00"	8.4003	240.13	57.449	31.207	711.85	26.536	0
"2012-01-18	15:00:00"	10.337	239.37	63.375	23.376	590.35	26.506	0
"2012-01-18	16:00:00"	12.225	203.96	65.456	23.265	456.96	26.48	0
"2012-01-18	17:00:00"	13.284	236.5	67.764	17.088	297.11	26.465	0
"2012-01-18	18:00:00"	12.106	238.01	65.913	16.643	112.81	26.453	0
"2012-01-18	19:00:00"	6.3268	237.44	57.239	24.092	3.9301	26.444	0
"2012-01-18	20:00:00"	4.1694	243.05	50.479	30.061	0.04854	26.45	0
"2012-01-18	21:00:00"	4.403	250.12	47.662	34.077	0.06211	26.453	0
"2012-01-18	22:00:00"	4.1371	248.71	46.528	35.966	0.06614	26.435	0
"2012-01-18	23:00:00"	5.8738	272.68	48.654	34.76	0.0867	26.429	0
"2012-01-19	00:00:00"	6.223	270.31	51.089	32.989	0.06338	26.426	0
"2012-01-19	01:00:00"	4.8442	278.11	46.746	38.71	0.06699	26.415	0
"2012-01-19	02:00:00"	3.6947	250.5	43.464	42.089	0.07504	26.397	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-19	03:00:00"	5.2643	276.98	44.933	39.757	0.06084	26.388	0
"2012-01-19	04:00:00"	5.8024	279.99	45.738	38.941	0.06508	26.379	0
"2012-01-19	05:00:00"	5.8477	281.6	48.472	34.499	0.07207	26.37	0
"2012-01-19	06:00:00"	9.0527	269.77	49.086	33.921	0.07864	26.373	0
"2012-01-19	07:00:00"	7.1507	272.83	47.292	35.668	0.05533	26.385	0
"2012-01-19	08:00:00"	5.652	259.02	45.178	38.592	2.4636	26.391	0
"2012-01-19	09:00:00"	7.0296	253.78	46.387	38.346	74.187	26.4	0
"2012-01-19	10:00:00"	7.6609	248.87	49.917	36.086	281.6	26.415	0
"2012-01-19	11:00:00"	7.6932	240.32	58.803	28.218	465.21	26.426	0
"2012-01-19	12:00:00"	13.437	270.51	66.797	21.586	586.61	26.406	0
"2012-01-19	13:00:00"	12.87	281.67	69.996	20.077	708.86	26.376	0
"2012-01-19	14:00:00"	13.302	286.6	71.993	19.163	711.33	26.361	0
"2012-01-19	15:00:00"	11.377	276.06	74.386	18.135	631.62	26.335	0
"2012-01-19	16:00:00"	13.532	250.07	75.297	17.268	490.92	26.323	0
"2012-01-19	17:00:00"	12.409	254.18	75.498	16.623	306.5	26.317	0
"2012-01-19	18:00:00"	8.1375	233.86	73.463	17.554	113.33	26.317	0
"2012-01-19	19:00:00"	3.5704	222.92	63.356	24.341	3.2959	26.323	0
"2012-01-19	20:00:00"	2.7974	245.58	56.883	30.016	0.05935	26.326	0
"2012-01-19	21:00:00"	3.1852	256.97	53.375	32.897	0.07398	26.317	0
"2012-01-19	22:00:00"	3.7686	244.66	50.582	35.577	0.06889	26.317	0
"2012-01-19	23:00:00"	2.414	268.77	50.066	35.554	0.06911	26.32	0
"2012-01-20	00:00:00"	3.0578	270.96	49.89	35.152	0.07652	26.314	0
"2012-01-20	01:00:00"	2.7197	278.99	49.908	35.008	0.07822	26.305	0
"2012-01-20	02:00:00"	2.588	235.5	46.382	39.89	0.08182	26.296	0
"2012-01-20	03:00:00"	3.0335	218.29	42.042	46.124	0.09009	26.291	0
"2012-01-20	04:00:00"	4.4472	249.72	39.692	50.686	0.07483	26.273	0
"2012-01-20	05:00:00"	4.244	265.17	39.298	51.494	0.06741	26.261	0
"2012-01-20	06:00:00"	4.0277	285.55	41.403	45.414	0.06995	26.255	0
"2012-01-20	07:00:00"	3.0627	255.61	42.676	41.277	0.07907	26.258	0
"2012-01-20	08:00:00"	5.6849	253.66	41.626	43.84	3.8871	26.273	0
"2012-01-20	09:00:00"	7.2893	260.82	46.764	36.322	152.72	26.288	0
"2012-01-20	10:00:00"	8.4637	251.26	53.23	29.121	370.03	26.308	0
"2012-01-20	11:00:00"	14.375	279.1	62.806	18.023	549.4	26.332	0
"2012-01-20	12:00:00"	14.455	286.16	67.679	14.939	675.12	26.323	0
"2012-01-20	13:00:00"	13.976	271.25	71.982	12.325	736.67	26.285	0
"2012-01-20	14:00:00"	15.338	266.62	74.92	9.5958	725.41	26.27	0
"2012-01-20	15:00:00"	16.217	264.7	76.206	8.0494	649.13	26.27	0
"2012-01-20	16:00:00"	15.401	269.69	77.084	7.3544	509.29	26.276	0
"2012-01-20	17:00:00"	11.863	281.04	76.366	7.4856	319.64	26.291	0
"2012-01-20	18:00:00"	9.0235	282.33	73.586	8.5114	120.47	26.311	0
"2012-01-20	19:00:00"	5.1996	300.68	65.959	11.359	5.7743	26.338	0
"2012-01-20	20:00:00"	7.5596	326.58	62.833	13.621	0.06041	26.356	0
"2012-01-20	21:00:00"	6.3833	294.43	59.655	16.81	0.0496	26.382	0
"2012-01-20	22:00:00"	6.6717	302.9	54.981	20.869	0.0797	26.412	0
"2012-01-20	23:00:00"	6.2876	319.79	52.765	23.057	0.06296	26.429	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-21	00:00:00"	6.676	349.98	48.429	27.392	0.0496	26.453	0
"2012-01-21	01:00:00"	6.1043	24.122	44.531	33.24	0.06826	26.465	0
"2012-01-21	02:00:00"	8.1424	35.305	42.77	40.954	0.08797	26.456	0
"2012-01-21	03:00:00"	8.1418	36.373	39.858	50.847	0.07864	26.459	0
"2012-01-21	04:00:00"	7.572	38.194	37.002	60.407	0.0884	26.462	0
"2012-01-21	05:00:00"	6.3566	33.961	34.324	66.358	0.05448	26.456	0
"2012-01-21	06:00:00"	2.9521	353.02	33.296	68.693	0.07504	26.468	0
"2012-01-21	07:00:00"	5.7669	17.686	33.665	68.35	0.09857	26.48	0
"2012-01-21	08:00:00"	5.7999	19.134	32.221	71.431	2.7576	26.485	0
"2012-01-21	09:00:00"	5.0145	31.938	33.944	70.326	143.04	26.488	0
"2012-01-21	10:00:00"	5.4923	85.384	39.721	58.284	360.74	26.509	0
"2012-01-21	11:00:00"	3.8233	157.37	44.929	47.016	544.33	26.497	0
"2012-01-21	12:00:00"	7.9187	186.96	49.115	41.438	670.96	26.465	0
"2012-01-21	13:00:00"	11.261	187.11	53.224	36.727	731.16	26.42	0
"2012-01-21	14:00:00"	12.081	193.27	57.643	30.862	723.19	26.364	0
"2012-01-21	15:00:00"	12.533	203.78	61.647	24.517	616.38	26.338	0
"2012-01-21	16:00:00"	14.146	211.8	63.983	20.927	513.46	26.311	0
"2012-01-21	17:00:00"	14.541	202.31	64.788	19.893	316	26.288	0
"2012-01-21	18:00:00"	11.121	189.79	63.548	20.412	119.2	26.243	0
"2012-01-21	19:00:00"	8.4301	188.78	57.628	24.645	3.6558	26.249	0
"2012-01-21	20:00:00"	9.1292	191.43	53.582	29.588	0.09475	26.234	0
"2012-01-21	21:00:00"	10.932	194.7	51.151	33.423	0.0761	26.226	0
"2012-01-21	22:00:00"	4.3863	236.24	46.494	40.72	0.0744	26.208	0
"2012-01-21	23:00:00"	5.1195	225.47	43.281	47.392	0.07992	26.193	0
"2012-01-22	00:00:00"	8.4295	218.28	46.051	43.294	0.08649	26.175	0
"2012-01-22	01:00:00"	14.095	200.33	51.179	31.856	0.07864	26.155	0
"2012-01-22	02:00:00"	15.053	211.76	54.172	24.263	0.08628	26.134	0
"2012-01-22	03:00:00"	15.592	205.33	55.53	22.029	0.05278	26.119	0
"2012-01-22	04:00:00"	12.756	219.09	57.147	20.943	0.06338	26.116	0
"2012-01-22	05:00:00"	14.473	229.96	57.336	19.951	0.06974	26.134	0
"2012-01-22	06:00:00"	10.988	238.95	56.664	21.022	0.07652	26.149	0
"2012-01-22	07:00:00"	15.161	251.95	57.587	21.393	0.05702	26.152	0
"2012-01-22	08:00:00"	22.064	274.66	58.444	24.276	1.2289	26.187	0
"2012-01-22	09:00:00"	23.697	269.15	56.016	28.301	99.809	26.223	0
"2012-01-22	10:00:00"	18.399	290.58	53.996	31.882	342.91	26.261	0
"2012-01-22	11:00:00"	22.555	274.24	56.392	23.847	550.59	26.27	0
"2012-01-22	12:00:00"	25.479	280.08	58.871	16.552	669.72	26.27	0
"2012-01-22	13:00:00"	26.357	279.54	60.416	15.237	728.08	26.258	0
"2012-01-22	14:00:00"	23.607	296.48	62.046	12.561	725.69	26.258	0
"2012-01-22	15:00:00"	21.843	308.05	62.64	11.511	651.64	26.276	0
"2012-01-22	16:00:00"	17.373	303.31	63.021	11.119	511.98	26.294	0
"2012-01-22	17:00:00"	14.045	305.51	63.108	10.782	324.33	26.314	0
"2012-01-22	18:00:00"	11.799	318.96	61.516	11.511	124.34	26.341	0
"2012-01-22	19:00:00"	6.3156	345.73	53.683	17.984	5.5199	26.364	0
"2012-01-22	20:00:00"	5.6197	349.17	48.27	22.787	0.07356	26.397	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-22	21:00:00"	5.6688	327.55	47.365	24.743	0.07737	26.42	0
"2012-01-22	22:00:00"	6.6754	340.1	45.068	27.685	0.07356	26.432	0
"2012-01-22	23:00:00"	6.8407	359.45	43.463	29.808	0.07801	26.444	0
"2012-01-23	00:00:00"	7.0277	350.8	41.586	32.425	0.07695	26.447	0
"2012-01-23	01:00:00"	5.0486	341.2	37.051	39.066	0.0814	26.459	0
"2012-01-23	02:00:00"	2.2587	306.11	37.949	39.328	0.08988	26.474	0
"2012-01-23	03:00:00"	4.4335	3.6126	39.727	40.588	0.09581	26.483	0
"2012-01-23	04:00:00"	5.3419	359.18	43.073	36.309	0.07144	26.474	0
"2012-01-23	05:00:00"	7.2446	355.78	42.718	37.874	0.07822	26.471	0
"2012-01-23	06:00:00"	3.735	16.539	41.681	39.913	0.09094	26.48	0
"2012-01-23	07:00:00"	1.9306	84.295	39.913	43.331	0.07568	26.485	0
"2012-01-23	08:00:00"	2.7502	251.01	34.726	54.723	3.1153	26.506	0
"2012-01-23	09:00:00"	1.9263	307.9	36.384	49.376	141.17	26.512	0
"2012-01-23	10:00:00"	5.0803	204.05	44.654	35.303	365.19	26.524	0
"2012-01-23	11:00:00"	9.0161	164.46	50.761	28.127	552.39	26.518	0
"2012-01-23	12:00:00"	11.842	164.27	53.896	26.242	679.2	26.491	0
"2012-01-23	13:00:00"	11.541	192.69	57.607	23.114	737.44	26.456	0
"2012-01-23	14:00:00"	12.529	204.26	60.031	19.012	728.29	26.412	0
"2012-01-23	15:00:00"	12.789	199.74	61.547	17.521	648.72	26.382	0
"2012-01-23	16:00:00"	12.688	195.07	62.651	15.865	507.63	26.364	0
"2012-01-23	17:00:00"	11.091	192.21	63.392	14.333	323.31	26.358	0
"2012-01-23	18:00:00"	8.0262	170.77	61.357	16.609	124.88	26.358	0
"2012-01-23	19:00:00"	5.5333	128.48	53.885	22.816	5.7025	26.356	0
"2012-01-23	20:00:00"	8.6134	160.24	50.512	26.549	0.08712	26.358	0
"2012-01-23	21:00:00"	8.583	172.68	49.26	29.345	0.05957	26.353	0
"2012-01-23	22:00:00"	7.6261	167.08	48.044	32.025	0.06783	26.356	0
"2012-01-23	23:00:00"	3.7624	221.88	47.55	33.041	0.08861	26.364	0
"2012-01-24	00:00:00"	5.9906	189.91	47.798	33.442	0.06635	26.356	0
"2012-01-24	01:00:00"	6.2156	198.23	45.882	35.903	0.06487	26.35	0
"2012-01-24	02:00:00"	4.7342	199.05	43.37	39.748	0.0867	26.335	0
"2012-01-24	03:00:00"	9.3429	180.21	45.468	38.566	0.08204	26.317	0
"2012-01-24	04:00:00"	5.7421	198.25	45.762	39.406	0.07398	26.32	0
"2012-01-24	05:00:00"	3.1833	215.4	43.593	43.899	0.06529	26.311	0
"2012-01-24	06:00:00"	6.3852	177.61	43.766	47.133	0.06974	26.285	0
"2012-01-24	07:00:00"	7.7957	168.63	44.136	50.624	0.08373	26.294	0
"2012-01-24	08:00:00"	4.9728	154.11	42.831	55.653	2.1766	26.279	0
"2012-01-24	09:00:00"	7.6696	120.7	43.204	60.808	43.534	26.282	0
"2012-01-24	10:00:00"	9.515	138.15	47.15	60.496	119.19	26.285	0
"2012-01-24	11:00:00"	11.838	141.1	50.673	57.844	244.51	26.291	0
"2012-01-24	12:00:00"	10.315	123.5	53.069	54.797	333.79	26.279	0
"2012-01-24	13:00:00"	6.3001	134.77	55.618	50.835	401.9	26.252	0
"2012-01-24	14:00:00"	8.6644	142.3	57.485	47.685	229.55	26.223	0
"2012-01-24	15:00:00"	7.8311	157.43	58.378	45.04	273.87	26.226	0
"2012-01-24	16:00:00"	6.4877	169.96	57.837	45.016	191.27	26.234	0
"2012-01-24	17:00:00"	4.3515	210.03	57.099	45.075	132.27	26.267	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-24	18:00:00"	1.8498	233.95	57.009	45.9	87.84	26.288	0
"2012-01-24	19:00:00"	3.558	307.16	53.291	50.806	3.6121	26.302	0
"2012-01-24	20:00:00"	7.1955	342.62	48.426	64.427	0.07928	26.329	0
"2012-01-24	21:00:00"	8.35	44.344	46.218	81.15	0.07292	26.344	0
"2012-01-24	22:00:00"	6.8804	29.581	45.941	86.969	0.06296	26.379	0
"2012-01-24	23:00:00"	7.0408	348.35	45.827	86.158	0.05999	26.397	0
"2012-01-25	00:00:00"	9.7294	16.724	45.548	87.519	0.07949	26.391	0
"2012-01-25	01:00:00"	13.409	4.9726	45.297	87.844	0.08373	26.37	0
"2012-01-25	02:00:00"	20.448	22.821	42.438	86.969	0.06275	26.42	0
"2012-01-25	03:00:00"	16.374	18.337	41.857	82.275	0.07313	26.426	0
"2012-01-25	04:00:00"	16.468	14.505	40.983	80.206	0.07568	26.444	0
"2012-01-25	05:00:00"	19.991	14.958	39.87	79.359	0.07801	26.42	0
"2012-01-25	06:00:00"	21.261	16.262	39.947	69.582	0.0725	26.447	0
"2012-01-25	07:00:00"	19.011	14.285	38.819	67.316	0.08034	26.477	0
"2012-01-25	08:00:00"	18.171	5.4281	38.273	68.676	0.31225	26.483	0
"2012-01-25	09:00:00"	18.545	358.34	35.406	82.102	17.189	26.494	0
"2012-01-25	10:00:00"	16.625	359.79	33.84	89.905	57.25	26.512	0
"2012-01-25	11:00:00"	17.61	2.3136	34.023	90.769	41.575	26.524	0.01
"2012-01-25	12:00:00"	17.808	3.6848	34.73	90.173	70.083	26.512	0.01
"2012-01-25	13:00:00"	19.189	1.7809	36.419	87.739	186.55	26.483	0.01
"2012-01-25	14:00:00"	15.724	5.5115	37.921	85.874	101.9	26.468	0.03
"2012-01-25	15:00:00"	9.0403	13.569	39.151	88.657	56.202	26.456	0.09
"2012-01-25	16:00:00"	6.6934	4.2107	40.894	86.006	57.775	26.453	0.02
"2012-01-25	17:00:00"	3.6934	6.8945	42.561	82.068	140.01	26.435	0.01
"2012-01-25	18:00:00"	4.4037	304.07	44.835	77.243	116.62	26.438	0
"2012-01-25	19:00:00"	3.9289	238.24	41.845	87.447	3.7016	26.456	0
"2012-01-25	20:00:00"	3.1137	233.91	39.929	91.393	0.06508	26.462	0
"2012-01-25	21:00:00"	2.3811	258.06	38.811	91.034	0.08246	26.453	0
"2012-01-25	22:00:00"	4.7957	255.72	37.132	91.487	0.08076	26.462	0
"2012-01-25	23:00:00"	3.9675	268.9	35.92	89.631	0.08394	26.468	0.01
"2012-01-26	00:00:00"	2.9776	235.47	33.649	91.458	0.08098	26.459	0
"2012-01-26	01:00:00"	2.647	247.63	32.474	93.736	0.08776	26.453	0
"2012-01-26	02:00:00"	2.3531	267.99	31.98	94.703	0.08861	26.435	0
"2012-01-26	03:00:00"	2.6719	268.29	31.224	95.541	0.08861	26.438	0
"2012-01-26	04:00:00"	3.3498	311.87	32.053	93.488	0.07144	26.447	0
"2012-01-26	05:00:00"	8.0163	313.57	35.281	81.577	0.07546	26.453	0
"2012-01-26	06:00:00"	8.5612	321.68	34.954	77.027	0.08797	26.462	0
"2012-01-26	07:00:00"	5.6203	331.23	34.333	72.401	0.08628	26.485	0
"2012-01-26	08:00:00"	9.8705	357.18	35.496	67.063	4.5762	26.512	0
"2012-01-26	09:00:00"	10.213	356.4	39.028	57.691	142.09	26.556	0
"2012-01-26	10:00:00"	11.31	11.19	44.859	50.397	367.76	26.589	0
"2012-01-26	11:00:00"	11.949	27.867	51.407	38.97	548.89	26.598	0
"2012-01-26	12:00:00"	13.647	35.662	54.437	35.946	677.22	26.589	0
"2012-01-26	13:00:00"	15.345	30.399	58.602	29.946	734.4	26.571	0
"2012-01-26	14:00:00"	14.344	33.813	60.924	23.658	716.02	26.547	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-26	15:00:00"	12.184	30.971	61.896	20.984	621.48	26.53	0
"2012-01-26	16:00:00"	10.039	46.459	62.22	18.516	492.99	26.533	0
"2012-01-26	17:00:00"	5.9384	53.476	61.765	17.605	312.24	26.524	0
"2012-01-26	18:00:00"	2.9664	108.43	60.479	19.374	115.41	26.512	0
"2012-01-26	19:00:00"	3.832	142.31	53.506	28.766	5.7784	26.512	0
"2012-01-26	20:00:00"	4.4266	161.01	49.176	39.093	0.07504	26.503	0
"2012-01-26	21:00:00"	3.1634	209.92	45.813	48.352	0.06762	26.491	0
"2012-01-26	22:00:00"	2.0263	211.28	44.085	55.278	0.08543	26.48	0
"2012-01-26	23:00:00"	2.5483	214.18	41.646	62.936	0.0672	26.465	0
"2012-01-27	00:00:00"	2.9671	223.69	41.202	66.127	0.08331	26.444	0
"2012-01-27	00:00:00"	3.3554	207	39.2	70.3	0	26.444	0
"2012-01-27	01:00:00"	5.3177	205.9	38.877	72.743	0.08755	26.415	0
"2012-01-27	02:00:00"	6.0223	202.96	38.988	73.974	0.08712	26.394	0
"2012-01-27	03:00:00"	6.2622	208.71	38.912	73.573	0.08055	26.385	0
"2012-01-27	04:00:00"	4.9486	232.53	38.115	73.392	0.07356	26.364	0
"2012-01-27	05:00:00"	3.3386	239.37	36.789	76.915	0.08946	26.344	0
"2012-01-27	06:00:00"	3.6431	243.89	35.433	80.743	0.06677	26.335	0
"2012-01-27	07:00:00"	3.3821	261.05	34.929	82.851	0.07398	26.347	0
"2012-01-27	08:00:00"	3.4996	247.07	33.697	84.932	5.6883	26.367	0
"2012-01-27	09:00:00"	2.4892	229.27	35.204	83.484	161.69	26.382	0
"2012-01-27	10:00:00"	4.9436	243.56	44.798	63.117	349.57	26.397	0
"2012-01-27	11:00:00"	8.0635	254.51	53.527	43.997	553.65	26.415	0
"2012-01-27	12:00:00"	11.108	282.69	62.453	26.797	676.75	26.409	0
"2012-01-27	13:00:00"	14.516	297.89	66.139	22.682	740	26.382	0
"2012-01-27	14:00:00"	14.404	294.52	68.184	21.996	733.47	26.367	0
"2012-01-27	15:00:00"	13.625	305.3	69.337	20.661	656.55	26.367	0
"2012-01-27	16:00:00"	13.235	313.02	70.261	19.135	515.53	26.382	0
"2012-01-27	17:00:00"	14.606	331.54	69.592	18.887	320.13	26.4	0
"2012-01-27	18:00:00"	11.491	336.9	66.5	21.5	73.449	26.429	0
"2012-01-27	19:00:00"	9.3647	355.99	61.369	24.305	4.831	26.468	0
"2012-01-27	20:00:00"	14.206	37.26	55.559	31.323	0.06826	26.521	0
"2012-01-27	21:00:00"	19.438	41.996	50.401	39.955	0.05448	26.568	0
"2012-01-27	22:00:00"	17.502	46.828	47.036	44.346	0.0761	26.598	0
"2012-01-27	23:00:00"	16.75	45.003	44.799	48.959	0.06699	26.624	0
"2012-01-28	00:00:00"	17.707	55.992	43.18	50.278	0.06614	26.648	0
"2012-01-28	01:00:00"	15.547	58.322	41.843	52.887	0.08924	26.677	0
"2012-01-28	02:00:00"	12.614	59.364	40.428	56.565	0.07758	26.704	0
"2012-01-28	03:00:00"	12.762	50.054	39.589	57.864	0.08797	26.728	0
"2012-01-28	04:00:00"	13.189	48.791	39.229	55.747	0.08352	26.745	0
"2012-01-28	05:00:00"	15.504	60.901	38.777	50.504	0.09709	26.754	0
"2012-01-28	06:00:00"	11.669	60.835	37.533	52.616	0.06508	26.778	0
"2012-01-28	07:00:00"	8.8328	53.53	36.103	52.616	0.05851	26.813	0
"2012-01-28	08:00:00"	4.2085	30.549	34.479	58.572	1.8137	26.849	0
"2012-01-28	09:00:00"	3.8674	0.80808	34.293	59.73	52.134	26.872	0
"2012-01-28	10:00:00"	6.3274	53.02	36.657	50.678	249.65	26.878	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-28	11:00:00"	7.2172	107.31	39.771	39.749	512.31	26.866	0
"2012-01-28	12:00:00"	5.2282	120.8	41.811	34.624	625.75	26.858	0
"2012-01-28	13:00:00"	6.3224	151.49	44.009	31.257	696.45	26.831	0
"2012-01-28	14:00:00"	7.206	163.58	44.556	29.671	438.06	26.781	0
"2012-01-28	15:00:00"	7.8976	159.4	45.944	25.574	400.5	26.769	0
"2012-01-28	16:00:00"	8.4202	159	46.209	23.995	281.66	26.763	0
"2012-01-28	17:00:00"	5.9496	140.56	45.069	27.281	118.12	26.775	0
"2012-01-28	18:00:00"	4.9561	106.77	44.149	30.559	57.203	26.778	0
"2012-01-28	19:00:00"	4.2812	97.264	40.888	36.598	6.4982	26.781	0
"2012-01-28	20:00:00"	5.0045	89.72	37.771	43.068	0.07038	26.787	0
"2012-01-28	21:00:00"	5.6023	119.43	36.781	47.328	0.07356	26.778	0
"2012-01-28	22:00:00"	5.3873	120.47	35.764	49.247	0.07864	26.784	0
"2012-01-28	23:00:00"	5.4594	130.73	34.97	52.102	0.06889	26.79	0
"2012-01-29	00:00:00"	4.2775	173.84	32.316	60.578	0.07631	26.775	0
"2012-01-29	01:00:00"	3.0472	253.09	30.819	64.981	0.08098	26.769	0
"2012-01-29	02:00:00"	4.0812	251.55	31.412	64.236	0.08924	26.751	0
"2012-01-29	03:00:00"	3.1429	249.66	29.071	70.457	0.0725	26.754	0
"2012-01-29	04:00:00"	2.5799	250.08	28.182	73	0.09412	26.751	0
"2012-01-29	05:00:00"	2.0853	246.3	27.818	72.822	0.07059	26.734	0
"2012-01-29	06:00:00"	3.0168	235	26.77	74.53	0.07949	26.719	0
"2012-01-29	07:00:00"	2.68	267.57	27.556	73.11	0.08437	26.719	0
"2012-01-29	08:00:00"	2.8794	285.45	28.612	71.767	6.5173	26.736	0
"2012-01-29	09:00:00"	2.6644	266.85	31.658	68.558	164.63	26.742	0
"2012-01-29	10:00:00"	6.6617	214.34	37.476	61.376	386.54	26.751	0
"2012-01-29	11:00:00"	9.5685	210.6	44.432	44.157	573.67	26.748	0
"2012-01-29	12:00:00"	10.931	206.65	49.48	36.01	703.33	26.736	0
"2012-01-29	13:00:00"	11.307	209.7	53.635	32.446	766.71	26.707	0
"2012-01-29	14:00:00"	10.489	212.21	57.652	30.209	755.75	26.669	0
"2012-01-29	15:00:00"	11.294	209.92	60.07	28.161	677.25	26.642	0
"2012-01-29	16:00:00"	12.262	204.27	61.154	26.911	538.54	26.624	0
"2012-01-29	17:00:00"	11.801	210.25	61.41	26.688	350.63	26.627	0
"2012-01-29	18:00:00"	9.4566	197.45	59.674	28.46	146.39	26.618	0
"2012-01-29	19:00:00"	5.401	179.35	52.475	37.308	11.887	26.621	0
"2012-01-29	20:00:00"	6.1969	181.27	47.835	44.918	0.06889	26.621	0
"2012-01-29	21:00:00"	3.7997	156.92	44.349	51.281	0.08734	26.621	0
"2012-01-29	22:00:00"	2.1692	181.36	44.664	52.821	0.08564	26.618	0
"2012-01-29	23:00:00"	2.7067	162.81	41.728	62.133	0.08437	26.612	0
"2012-01-30	00:00:00"	3.6139	256.39	40.446	65.724	0.06847	26.612	0
"2012-01-30	01:00:00"	3.6816	237.4	38.875	67.392	0.07695	26.607	0
"2012-01-30	02:00:00"	3.9873	240.8	35.963	73.013	0.07716	26.601	0
"2012-01-30	03:00:00"	3.8954	228.85	35.355	73.54	0.07928	26.583	0
"2012-01-30	04:00:00"	2.7906	254.33	34.812	74.323	0.07589	26.565	0
"2012-01-30	05:00:00"	3.018	271.12	33.721	77.282	0.08055	26.556	0
"2012-01-30	06:00:00"	3.1634	265.7	33.681	76.863	0.06868	26.542	0
"2012-01-30	07:00:00"	3.2479	223.1	32.024	80.437	0.08352	26.536	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-01-30	08:00:00"	3.5132	232.22	30.609	83.159	5.814	26.527	0
"2012-01-30	09:00:00"	3.5667	234.21	32.08	84.113	165.22	26.542	0
"2012-01-30	10:00:00"	6.9637	242.01	39.946	74.658	389.29	26.545	0
"2012-01-30	11:00:00"	8.5699	225.06	46.247	57.111	577.55	26.547	0
"2012-01-30	12:00:00"	10.007	230.47	53.23	41.424	709.18	26.542	0
"2012-01-30	13:00:00"	11.598	222.77	58.627	33.527	771.01	26.503	0
"2012-01-30	14:00:00"	13.927	222.85	62.29	29.365	748.54	26.462	0
"2012-01-30	15:00:00"	15.186	223.85	65.711	25.509	687.71	26.432	0
"2012-01-30	16:00:00"	13.551	220.98	66.688	24.606	399.49	26.418	0
"2012-01-30	17:00:00"	13.859	202.98	66.736	25.803	275.12	26.412	0
"2012-01-30	18:00:00"	14.21	200.71	66.638	26.623	158.43	26.409	0
"2012-01-30	19:00:00"	7.5627	183.47	59.567	34.43	11.001	26.409	0
"2012-01-30	20:00:00"	7.8224	188.48	54.155	42.338	0.07801	26.42	0
"2012-01-30	21:00:00"	6.3442	200.74	50.714	50.54	0.07822	26.435	0
"2012-01-30	22:00:00"	5.1487	198.94	47.226	62.544	0.07652	26.435	0
"2012-01-30	23:00:00"	4.4316	232.55	44.742	68.164	0.06126	26.438	0
"2012-01-31	00:00:00"	4.6783	220.29	42.588	77.725	0.09179	26.441	0
"2012-01-31	01:00:00"	4.0333	219.06	41.638	84.688	0.07546	26.438	0
"2012-01-31	02:00:00"	5.4519	212.38	41.774	89.867	0.07292	26.441	0
"2012-01-31	03:00:00"	3.9507	247.33	39.001	92.175	0.07377	26.447	0
"2012-01-31	04:00:00"	4.6932	264.48	36.794	95.019	0.07525	26.447	0
"2012-01-31	05:00:00"	3.4878	250.14	37.461	95.333	0.06147	26.45	0
"2012-01-31	06:00:00"	2.0151	252.77	35.449	95.618	0.06232	26.453	0
"2012-01-31	07:00:00"	3.5567	257.32	36.437	95.79	0.10641	26.465	0
"2012-01-31	08:00:00"	3.1435	269.1	36.204	95.87	6.8039	26.48	0
"2012-01-31	09:00:00"	3.9258	278.2	39.302	95.95	151.15	26.491	0
"2012-01-31	10:00:00"	6.356	216.96	45.457	84.023	402.95	26.503	0
"2012-01-31	11:00:00"	9.118	214.86	53.659	57.909	567.06	26.515	0
"2012-01-31	12:00:00"	7.7454	241.36	60.475	43.017	656.89	26.509	0
"2012-01-31	13:00:00"	10.796	253.95	67.356	23.062	750.38	26.48	0
"2012-01-31	14:00:00"	13.231	277.46	69.516	16.858	752.06	26.459	0
"2012-01-31	15:00:00"	11.439	265.51	70.353	15.254	676.96	26.438	0
"2012-01-31	16:00:00"	11.196	247.97	70.93	14.477	535.51	26.438	0
"2012-01-31	17:00:00"	9.7853	242.7	71.128	13.763	348.81	26.438	0
"2012-01-31	18:00:00"	7.3322	235.09	68.05	15.329	85.633	26.447	0
"2012-01-31	19:00:00"	4.216	203.16	60.732	21.794	11.064	26.456	0
"2012-01-31	20:00:00"	2.3836	240.72	56.131	26.31	0.06211	26.471	0
"2012-01-31	21:00:00"	3.2808	292.19	55.431	27.415	0.06826	26.491	0
"2012-01-31	22:00:00"	4.7541	320.78	53.585	30.522	0.07504	26.494	0
"2012-01-31	23:00:00"	9.054	304.37	54.916	28.121	0.07398	26.503	0
"2012-02-01	00:00:00"	11.073	312.63	52.691	29.564	0.06783	26.503	0
"2012-02-01	01:00:00"	13.664	318.75	51.143	29.314	0.05999	26.515	0
"2012-02-01	02:00:00"	10.12	323.41	49.284	30.643	0.05893	26.53	0
"2012-02-01	03:00:00"	6.727	334.26	50.355	29.21	0.08734	26.524	0
"2012-02-01	04:00:00"	3.2436	344.47	47.461	32.8	0.06974	26.515	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-01	05:00:00"	5.8011	319.36	44.189	37.42	0.07123	26.524	0
"2012-02-01	06:00:00"	6.7574	338.46	42.99	37.754	0.07271	26.536	0
"2012-02-01	07:00:00"	7.0861	341.16	43.059	37.493	0.07843	26.559	0
"2012-02-01	08:00:00"	8.8576	342.71	41.544	38.966	6.3344	26.586	0
"2012-02-01	09:00:00"	9.4535	339.62	45.663	34.739	166.29	26.609	0
"2012-02-01	10:00:00"	13.09	333.61	53.85	28.715	390.36	26.615	0
"2012-02-01	11:00:00"	15.551	325.26	58.795	23.736	578.18	26.621	0
"2012-02-01	12:00:00"	16.632	334.98	62.438	19.669	709.59	26.618	0
"2012-02-01	13:00:00"	14.587	344.41	63.718	18.529	776.67	26.598	0
"2012-02-01	14:00:00"	10.994	343.16	65.618	16.111	767.37	26.577	0
"2012-02-01	15:00:00"	8.1151	330.01	66.677	13.518	690.72	26.562	0
"2012-02-01	16:00:00"	7.4813	352.48	66.942	12.067	549.91	26.545	0
"2012-02-01	17:00:00"	6.0261	334.42	66.909	11.146	361.14	26.542	0
"2012-02-01	18:00:00"	4.9797	29.579	65.258	12.046	154.28	26.545	0
"2012-02-01	19:00:00"	5.4799	50.472	58.798	15.393	14.948	26.553	0
"2012-02-01	20:00:00"	6.4983	49.537	51.863	20.031	0.08755	26.556	0
"2012-02-01	21:00:00"	6.3865	51.685	47.212	25.085	0.05405	26.565	0
"2012-02-01	22:00:00"	6.2802	50.859	45.534	27.791	0.07229	26.559	0
"2012-02-01	23:00:00"	6.7444	61.484	43.731	30.446	0.07038	26.545	0
"2012-02-02	00:00:00"	6.5921	77.812	42.593	32.724	0.08119	26.536	0
"2012-02-02	01:00:00"	6.8028	79.957	42.274	32.281	0.06805	26.524	0
"2012-02-02	02:00:00"	7.0414	81.578	41.651	33.889	0.08543	26.518	0
"2012-02-02	03:00:00"	7.3869	73.034	38.553	39.356	0.06805	26.5	0
"2012-02-02	04:00:00"	7.8597	75.007	38.889	39.301	0.06677	26.48	0
"2012-02-02	05:00:00"	7.8485	75.308	36.997	44.99	0.0831	26.462	0
"2012-02-02	06:00:00"	8.9042	86.64	37.784	54.766	0.05533	26.45	0
"2012-02-02	07:00:00"	9.3025	90.782	39.946	65.15	0.07334	26.432	0
"2012-02-02	08:00:00"	10.379	84.888	38.369	70.764	3.0324	26.415	0
"2012-02-02	09:00:00"	12.408	98.242	40.359	71.619	65.387	26.406	0
"2012-02-02	10:00:00"	13.94	122.26	45.561	72.03	136.75	26.4	0
"2012-02-02	11:00:00"	14.652	147.74	50.869	80.556	216.11	26.394	0
"2012-02-02	12:00:00"	16.351	166.87	56.451	72.731	444.85	26.361	0
"2012-02-02	13:00:00"	17.674	178.8	60.796	57.391	483.49	26.329	0
"2012-02-02	14:00:00"	18.055	188.49	64.39	46.796	675.33	26.296	0
"2012-02-02	15:00:00"	17.706	183.65	66.666	40.898	693.48	26.27	0
"2012-02-02	16:00:00"	15.603	187.87	68.386	34.932	550.3	26.255	0
"2012-02-02	17:00:00"	13.98	195.34	69.218	30.308	355.49	26.255	0
"2012-02-02	18:00:00"	11.731	179.61	67.958	36.726	147.1	26.252	0
"2012-02-02	19:00:00"	9.7456	156.41	63.168	52.101	12.229	26.264	0
"2012-02-02	20:00:00"	11.868	152.6	59.62	74.195	0.05829	26.276	0
"2012-02-02	21:00:00"	11.769	146.24	56.908	83.419	0.06826	26.267	0
"2012-02-02	22:00:00"	12.793	158.07	55.488	89.144	0.04897	26.276	0
"2012-02-02	23:00:00"	13.908	167.41	55.581	90.681	0.06995	26.282	0
"2012-02-03	00:00:00"	15.827	171.59	56.364	89.883	0.06995	26.282	0
"2012-02-03	01:00:00"	17.195	179.38	57.107	88.266	0.09009	26.279	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-03	02:00:00"	16.091	185.54	57.633	88.142	0.06614	26.279	0
"2012-02-03	03:00:00"	11.888	199.38	57.35	88.001	0.0672	26.288	0
"2012-02-03	04:00:00"	10.806	197.99	56.483	89.759	0.04918	26.299	0
"2012-02-03	05:00:00"	10.852	207.89	54.727	90.117	0.08182	26.311	0
"2012-02-03	06:00:00"	8.2095	236.53	52.554	89.706	0.07059	26.329	0
"2012-02-03	07:00:00"	3.9482	261.92	47.634	92.162	0.0744	26.347	0
"2012-02-03	08:00:00"	2.104	289.54	43.712	95.206	3.2376	26.356	0
"2012-02-03	09:00:00"	3.4958	300.94	41.132	94.836	125.15	26.394	0
"2012-02-03	10:00:00"	7.8218	332.84	45.782	66.788	374.52	26.432	0
"2012-02-03	11:00:00"	11.083	325.81	52.376	35.272	570.74	26.45	0
"2012-02-03	12:00:00"	13.332	325.99	54.938	32.112	716.2	26.453	0
"2012-02-03	13:00:00"	13.535	321.16	56.443	31.776	779.75	26.438	0
"2012-02-03	14:00:00"	14.452	307.74	59.172	24.156	772.96	26.418	0
"2012-02-03	15:00:00"	13.305	318.59	60.402	24.191	694.05	26.418	0
"2012-02-03	16:00:00"	10.281	304.04	62.334	17.487	557.59	26.429	0
"2012-02-03	17:00:00"	8.7011	300.03	62.024	16.815	340.53	26.444	0
"2012-02-03	18:00:00"	7.4123	312.24	60.258	18.344	138.56	26.459	0
"2012-02-03	19:00:00"	6.4449	8.296	53.001	25.458	6.9258	26.48	0
"2012-02-03	20:00:00"	9.1758	41.551	48.288	40.116	0.07886	26.506	0
"2012-02-03	21:00:00"	14.334	38.703	46.748	51.708	0.06147	26.518	0
"2012-02-03	22:00:00"	16.935	41.172	44.546	60.32	0.05511	26.545	0
"2012-02-03	23:00:00"	15.165	37.921	42.366	67.634	0.06529	26.562	0
"2012-02-04	00:00:00"	16.169	38.859	40.648	69.83	0.06805	26.586	0
"2012-02-04	01:00:00"	15.014	39.481	38.264	71.194	0.0797	26.604	0
"2012-02-04	02:00:00"	17.813	28.68	36.201	66.921	0.07334	26.604	0
"2012-02-04	03:00:00"	18.117	28.349	35.266	65.179	0.0903	26.604	0
"2012-02-04	04:00:00"	18.766	25.653	35.043	63.97	0.08818	26.601	0
"2012-02-04	05:00:00"	20.836	23.1	35.192	61.749	0.08818	26.615	0
"2012-02-04	06:00:00"	16.272	29.513	34.492	63.556	0.09136	26.636	0
"2012-02-04	07:00:00"	13.686	28.416	34.186	63.76	0.06868	26.666	0
"2012-02-04	08:00:00"	11.649	12.444	34.002	63.66	1.7825	26.695	0
"2012-02-04	09:00:00"	12.731	18.129	34.354	62.844	66.687	26.71	0
"2012-02-04	10:00:00"	17.347	21.77	36.766	57.975	305.94	26.731	0
"2012-02-04	11:00:00"	16.039	28.647	38.646	53.797	372.08	26.736	0
"2012-02-04	12:00:00"	16.314	36.635	42.519	46.593	680.46	26.734	0
"2012-02-04	13:00:00"	14.682	36.283	45.06	42.251	634.34	26.71	0
"2012-02-04	14:00:00"	14.436	39.355	46.597	39.879	559.65	26.683	0
"2012-02-04	15:00:00"	13.209	41.407	48.759	37.438	626.78	26.666	0
"2012-02-04	16:00:00"	14.417	29.8	49.081	37.113	532.42	26.669	0
"2012-02-04	17:00:00"	14.612	37.027	48.088	38.292	240.26	26.674	0
"2012-02-04	18:00:00"	14.536	36.577	46.927	40.243	108.96	26.68	0
"2012-02-04	19:00:00"	11.001	46.104	44.465	44.294	14.198	26.704	0
"2012-02-04	20:00:00"	6.7599	47.798	40.214	51.483	0.08437	26.725	0
"2012-02-04	21:00:00"	7.0948	45.023	37.531	57.642	0.06699	26.742	0
"2012-02-04	22:00:00"	8.5414	46.681	36.258	61.913	0.0973	26.76	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-04	23:00:00"	7.8566	46.309	34.852	66.355	0.07144	26.766	0
"2012-02-05	00:00:00"	6.9239	36.958	32.562	71.641	0.0761	26.781	0
"2012-02-05	01:00:00"	9.1391	35.453	34.569	69.629	0.08098	26.778	0
"2012-02-05	02:00:00"	11.723	34.534	35.091	68.498	0.0708	26.769	0
"2012-02-05	03:00:00"	8.8576	38.694	33.797	70.792	0.09369	26.778	0
"2012-02-05	04:00:00"	7.5702	25.689	31.288	75.891	0.092	26.76	0
"2012-02-05	05:00:00"	6.2926	14.944	29.168	80.871	0.06359	26.763	0
"2012-02-05	06:00:00"	8.5339	24.496	27.308	84.659	0.10832	26.763	0
"2012-02-05	07:00:00"	9.1615	27.189	28.207	83.981	0.1026	26.763	0
"2012-02-05	08:00:00"	8.5979	27.683	29.05	82.648	4.1601	26.793	0
"2012-02-05	09:00:00"	8.0983	23.004	30.114	79.934	155.53	26.801	0
"2012-02-05	10:00:00"	11.454	27.46	33.601	69.782	345.17	26.807	0
"2012-02-05	11:00:00"	11.502	38.107	37.1	57.285	446.28	26.81	0
"2012-02-05	12:00:00"	10.918	39.807	39.258	47.372	495.73	26.804	0
"2012-02-05	13:00:00"	8.4811	71.259	41.733	39.237	654.06	26.778	0
"2012-02-05	14:00:00"	7.2856	67.007	43.294	35.108	609.62	26.748	0
"2012-02-05	15:00:00"	6.0453	77.75	44.139	33.243	520.93	26.728	0
"2012-02-05	16:00:00"	6.7381	70.129	45.766	30.394	549.66	26.707	0
"2012-02-05	17:00:00"	7.0432	72.465	45.554	31.141	202.26	26.698	0
"2012-02-05	18:00:00"	6.6779	69.412	45.164	31.12	86.177	26.692	0
"2012-02-05	19:00:00"	5.7321	72.556	43.306	31.544	13.821	26.692	0
"2012-02-05	20:00:00"	4.5279	72.938	37.314	39.269	0.0744	26.689	0
"2012-02-05	21:00:00"	5.1829	92.235	36.371	42.522	0.05172	26.701	0
"2012-02-05	22:00:00"	5.2866	115.08	35.526	46.838	0.0708	26.695	0
"2012-02-05	23:00:00"	4.4981	122.07	34.57	50.403	0.09433	26.695	0
"2012-02-06	00:00:00"	3.3952	107.65	34.402	51.426	0.10005	26.695	0
"2012-02-06	01:00:00"	2.2345	93.874	33.715	54.086	0.08267	26.698	0
"2012-02-06	02:00:00"	4.3459	85.714	33.04	57.921	0.06741	26.695	0
"2012-02-06	03:00:00"	5.1735	84.823	33.628	59.52	0.07059	26.68	0
"2012-02-06	04:00:00"	4.8535	86.702	34.132	59.248	0.07271	26.669	0
"2012-02-06	05:00:00"	5.14	77.832	32.285	63.838	0.0619	26.654	0
"2012-02-06	06:00:00"	5.0244	64.955	31.268	68.532	0.07864	26.657	0
"2012-02-06	07:00:00"	5.3071	79.646	32.603	68.862	0.07949	26.657	0
"2012-02-06	08:00:00"	4.9834	88.727	32.892	69.148	2.1643	26.663	0
"2012-02-06	09:00:00"	6.0186	106.44	34.858	66.526	44.652	26.66	0
"2012-02-06	10:00:00"	9.1634	138.13	37.748	57.889	154.56	26.666	0
"2012-02-06	11:00:00"	11.463	145.98	40.26	49.955	328.62	26.651	0
"2012-02-06	12:00:00"	12.092	154.57	43.288	41.76	612.73	26.63	0
"2012-02-06	13:00:00"	11.176	157.92	45.721	38.257	776.12	26.589	0
"2012-02-06	14:00:00"	9.7972	161.73	47.969	35.125	772.34	26.553	0
"2012-02-06	15:00:00"	10.069	156.98	49.672	33.5	694.29	26.527	0
"2012-02-06	16:00:00"	10.696	164.85	51.307	33.699	554.99	26.512	0
"2012-02-06	17:00:00"	10.499	154.5	52.094	34.482	332.67	26.491	0
"2012-02-06	18:00:00"	10.456	174.94	51.66	35.851	146.25	26.483	0
"2012-02-06	19:00:00"	5.6097	160.24	47.436	41.354	11.737	26.483	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-06	20:00:00"	4.9343	135.86	43.186	49.528	0.06444	26.488	0
"2012-02-06	21:00:00"	5.5886	119.55	41.044	55.952	0.07377	26.494	0
"2012-02-06	22:00:00"	6.3809	127.7	40.11	59.569	0.05999	26.491	0
"2012-02-06	23:00:00"	7.0178	145.23	39.678	60.624	0.085	26.488	0
"2012-02-07	00:00:00"	6.4219	139	39.109	62.343	0.05978	26.488	0
"2012-02-07	01:00:00"	5.7346	124.69	37.561	67.505	0.08585	26.488	0
"2012-02-07	02:00:00"	4.93	106.31	35.897	71.521	0.07059	26.477	0
"2012-02-07	03:00:00"	4.4869	69.337	32.758	77.636	0.08585	26.48	0
"2012-02-07	04:00:00"	6.6176	38.05	29.845	83.894	0.07822	26.48	0
"2012-02-07	05:00:00"	7.518	28.114	27.86	86.507	0.07229	26.485	0
"2012-02-07	06:00:00"	8.532	23.466	29.008	86.759	0.09709	26.515	0
"2012-02-07	07:00:00"	7.989	34.391	30.422	85.825	0.08161	26.536	0
"2012-02-07	08:00:00"	7.9666	24.038	30.805	84.764	2.8906	26.571	0
"2012-02-07	09:00:00"	10.662	9.3796	32.886	81.081	71.333	26.592	0
"2012-02-07	10:00:00"	17.942	13.079	36.792	68.862	222.13	26.609	0
"2012-02-07	11:00:00"	22.438	19.774	39.127	62.839	354.18	26.639	0
"2012-02-07	12:00:00"	22.254	23.868	41.759	59.173	562.32	26.657	0
"2012-02-07	13:00:00"	21.37	23.96	45.467	52.386	770.94	26.66	0
"2012-02-07	14:00:00"	19.384	29.916	47.409	48.801	615.8	26.657	0
"2012-02-07	15:00:00"	18.164	35.684	49.007	44.273	681.58	26.648	0
"2012-02-07	16:00:00"	17.519	33.228	49.618	41.827	548.11	26.663	0
"2012-02-07	17:00:00"	16.154	40.794	48.458	42.654	363.6	26.674	0
"2012-02-07	18:00:00"	15.511	40.081	46.408	45.104	151.79	26.695	0
"2012-02-07	19:00:00"	13.555	34.634	41.4	52.377	8.6795	26.728	0
"2012-02-07	20:00:00"	12.624	36.428	38.492	57.562	0.0761	26.757	0
"2012-02-07	21:00:00"	13.752	36.356	35.359	63.716	0.06847	26.784	0
"2012-02-07	22:00:00"	12.513	40.962	31.784	71.174	0.09709	26.796	0
"2012-02-07	23:00:00"	13.325	43.519	29.7	76.031	0.07525	26.804	0
"2012-02-08	00:00:00"	12.982	43.524	28.032	79.45	0.07886	26.798	0
"2012-02-08	01:00:00"	12.01	48.71	26.918	81.727	0.06762	26.798	0
"2012-02-08	02:00:00"	12.163	40.276	25.775	83.119	0.09921	26.796	0
"2012-02-08	03:00:00"	10.954	40.878	24.201	84.971	0.07271	26.796	0
"2012-02-08	04:00:00"	9.131	37.097	22.796	86.763	0.09624	26.781	0
"2012-02-08	05:00:00"	8.5886	43.146	21.857	87.675	0.10514	26.787	0
"2012-02-08	06:00:00"	4.2533	338.64	21.594	87.716	0.06847	26.798	0
"2012-02-08	07:00:00"	2.8652	347.74	20.352	88.158	0.08076	26.796	0
"2012-02-08	08:00:00"	3.5145	345.21	19.556	88.972	8.8181	26.807	0
"2012-02-08	09:00:00"	2.2388	342.28	22.8	85.452	169.12	26.813	0
"2012-02-08	10:00:00"	4.1644	85.839	28.599	72.332	394.72	26.813	0
"2012-02-08	11:00:00"	5.8775	139.6	32.144	60.554	583.16	26.81	0
"2012-02-08	12:00:00"	6.6698	164.57	34.911	54.485	711.26	26.796	0
"2012-02-08	13:00:00"	6.5909	181.44	37.991	50.202	774.97	26.76	0
"2012-02-08	14:00:00"	5.5899	178.55	41.683	45.561	770.25	26.713	0
"2012-02-08	15:00:00"	6.2541	184.71	44.471	43.731	575.87	26.68	0
"2012-02-08	16:00:00"	6.7307	171.25	46.273	42.419	516.99	26.657	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-08	17:00:00"	6.7897	162.07	47.023	44.079	370.5	26.639	0
"2012-02-08	18:00:00"	7.3732	180.53	47.094	46.353	159.82	26.627	0
"2012-02-08	19:00:00"	4.4869	190.25	43.618	51.53	18.811	26.627	0
"2012-02-08	20:00:00"	3.914	171.09	38.451	59.631	0.05766	26.627	0
"2012-02-08	21:00:00"	4.1688	160.64	35.419	65.58	0.0672	26.636	0
"2012-02-08	22:00:00"	3.6276	149.18	34.832	69.072	0.09242	26.645	0
"2012-02-08	23:00:00"	4.3664	155.09	34.104	72.171	0.08161	26.636	0
"2012-02-09	00:00:00"	3.5474	158.56	32.743	75.717	0.07504	26.624	0
"2012-02-09	01:00:00"	3.0609	161.23	31.959	78.52	0.07737	26.612	0
"2012-02-09	02:00:00"	3.3871	189.7	31.736	81.781	0.08076	26.598	0
"2012-02-09	03:00:00"	2.6974	234.32	31.015	84.568	0.07695	26.592	0
"2012-02-09	04:00:00"	4.0066	219.21	30.96	86.298	0.09221	26.568	0
"2012-02-09	05:00:00"	2.9055	240.82	30.372	88.312	0.08352	26.553	0
"2012-02-09	06:00:00"	2.1307	240.16	30.34	89.031	0.07949	26.545	0
"2012-02-09	07:00:00"	2.3009	212.91	30.679	90.472	0.06275	26.536	0
"2012-02-09	08:00:00"	1.7678	196.45	30.389	92.086	9.0825	26.539	0
"2012-02-09	09:00:00"	2.391	248.24	31.872	90.702	160.4	26.547	0
"2012-02-09	10:00:00"	9.0136	190.01	38.478	74.271	314.41	26.547	0
"2012-02-09	11:00:00"	7.8032	226.16	43.844	60.645	327.37	26.577	0
"2012-02-09	12:00:00"	4.9995	284.65	46.179	55.555	517.24	26.547	0
"2012-02-09	13:00:00"	4.1675	229.71	52.318	45.534	649.1	26.512	0
"2012-02-09	14:00:00"	4.0762	221.1	55.165	40.945	349.11	26.477	0
"2012-02-09	15:00:00"	2.7216	197.06	57.339	38.128	349.04	26.459	0
"2012-02-09	16:00:00"	4.0725	198.83	57.727	37.642	239.06	26.444	0
"2012-02-09	17:00:00"	10.947	159.9	55.46	43.22	126.31	26.391	0
"2012-02-09	18:00:00"	8.8241	139.51	56.902	40.157	190.41	26.429	0
"2012-02-09	19:00:00"	3.4946	198.09	54.886	43.85	22.57	26.435	0
"2012-02-09	20:00:00"	2.0735	175.56	49.105	52.375	0.0549	26.441	0
"2012-02-09	21:00:00"	2.3208	140.63	46.655	57.457	0.08267	26.459	0
"2012-02-09	22:00:00"	10.737	27.048	47.336	60.32	0.0744	26.527	0
"2012-02-09	23:00:00"	17.923	34.373	41.075	76.119	0.08458	26.539	0
"2012-02-10	00:00:00"	16.072	36.049	37.982	76.33	0.07398	26.553	0
"2012-02-10	01:00:00"	13.736	34.398	36.228	79.155	0.08967	26.568	0
"2012-02-10	02:00:00"	11.44	25.773	36.658	79.526	0.08797	26.58	0
"2012-02-10	03:00:00"	10.655	21.422	37.735	76.917	0.07377	26.583	0
"2012-02-10	04:00:00"	10.369	21.598	38.922	72.188	0.08013	26.592	0
"2012-02-10	05:00:00"	7.0407	25.886	36.162	76.333	0.08861	26.598	0
"2012-02-10	06:00:00"	6.9544	1.6859	33.425	82.317	0.08267	26.621	0
"2012-02-10	07:00:00"	5.6371	345.56	31.459	85.587	0.06105	26.633	0
"2012-02-10	08:00:00"	5.3705	340.94	31.281	87.1	11.809	26.651	0
"2012-02-10	09:00:00"	5.6054	293.58	32.057	83.723	190.95	26.683	0
"2012-02-10	10:00:00"	7.2501	317.14	36.903	73.685	417.86	26.692	0
"2012-02-10	11:00:00"	7.065	327.78	43.584	57.726	608.57	26.698	0
"2012-02-10	12:00:00"	5.1089	359.14	49.226	36.113	741.42	26.689	0
"2012-02-10	13:00:00"	5.5588	29.656	51.086	31.871	809.51	26.651	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-10	14:00:00"	5.4103	319.96	52.777	29.646	800.97	26.636	0
"2012-02-10	15:00:00"	3.6829	306.34	54.131	27.693	719.49	26.607	0
"2012-02-10	16:00:00"	4.7206	261.46	55.244	26.034	577.86	26.598	0
"2012-02-10	17:00:00"	3.973	251.6	55.412	25.629	389.55	26.589	0
"2012-02-10	18:00:00"	4.1073	210.96	54.948	25.783	176.48	26.583	0
"2012-02-10	19:00:00"	5.0803	143.35	49.629	31.541	22.672	26.586	0
"2012-02-10	20:00:00"	4.961	140.33	45.11	37.376	0.07377	26.601	0
"2012-02-10	21:00:00"	5.8831	135.2	43.821	39.924	0.05533	26.607	0
"2012-02-10	22:00:00"	6.9438	121.69	43.019	41.665	0.07907	26.624	0
"2012-02-10	23:00:00"	7.3993	127.05	40.891	47.413	0.05851	26.636	0
"2012-02-11	00:00:00"	9.1745	118.67	40	49.059	0.07652	26.645	0
"2012-02-11	01:00:00"	8.4121	109.81	36.612	56.753	0.0744	26.648	0
"2012-02-11	02:00:00"	8.4208	114.31	35.643	59.836	0.08034	26.648	0
"2012-02-11	03:00:00"	8.1089	103.75	33.967	62.926	0.07695	26.651	0
"2012-02-11	04:00:00"	8.0182	87.687	31.285	71.022	0.08204	26.651	0
"2012-02-11	05:00:00"	9.7667	77.26	29.331	79.408	0.08373	26.657	0
"2012-02-11	06:00:00"	14.084	72.616	27.936	86.362	0.07377	26.669	0
"2012-02-11	07:00:00"	17.399	77.019	27.137	90.684	0.08522	26.686	0
"2012-02-11	08:00:00"	19.171	78.9	26.469	89.364	4.0306	26.713	0
"2012-02-11	09:00:00"	19.523	71.248	25.086	82.417	120.33	26.742	0
"2012-02-11	10:00:00"	21.611	71.043	25.216	66.309	416.17	26.772	0
"2012-02-11	11:00:00"	20.701	68.454	26.436	65.421	610.49	26.79	0
"2012-02-11	12:00:00"	17.96	63.174	29.499	60.373	741.01	26.801	0
"2012-02-11	13:00:00"	17.271	71.56	31.633	51.082	645.57	26.775	0
"2012-02-11	14:00:00"	16.425	72.423	32.973	45.309	499.11	26.748	0
"2012-02-11	15:00:00"	14.244	73.376	33.309	43.488	327.68	26.748	0
"2012-02-11	16:00:00"	13.139	72.714	33.606	42.349	257.5	26.739	0
"2012-02-11	17:00:00"	13.473	84.106	33.755	40.491	232.06	26.731	0
"2012-02-11	18:00:00"	13.986	84.423	32.947	39.333	102.16	26.719	0
"2012-02-11	19:00:00"	12.217	86.668	31.447	38.701	10.42	26.731	0
"2012-02-11	20:00:00"	12.117	87.146	30.203	37.781	0.09221	26.754	0
"2012-02-11	21:00:00"	13.051	96.163	29.427	40.091	0.08946	26.796	0
"2012-02-11	22:00:00"	12.578	81.291	28.648	42.578	0.0973	26.784	0
"2012-02-11	23:00:00"	13.227	78.198	28.035	44.044	0.08988	26.757	0
"2012-02-12	00:00:00"	13.382	82.033	27.714	44.939	0.07462	26.766	0
"2012-02-12	01:00:00"	12.599	88.549	27.449	44.146	0.08267	26.763	0
"2012-02-12	02:00:00"	11.761	86.634	27.008	45.089	0.07059	26.751	0
"2012-02-12	03:00:00"	12.605	87.67	26.602	47.607	0.08267	26.728	0
"2012-02-12	04:00:00"	12.388	89.648	26.126	51.511	0.07949	26.716	0
"2012-02-12	05:00:00"	12.238	84.633	25.245	58.215	0.06783	26.701	0
"2012-02-12	06:00:00"	14.653	90.747	24.284	64.764	0.0973	26.692	0
"2012-02-12	07:00:00"	14.052	93.784	23.423	69.871	0.07886	26.68	0
"2012-02-12	08:00:00"	12.822	94.581	22.887	71.624	1.56	26.68	0
"2012-02-12	09:00:00"	13.062	100.2	22.556	75.813	27.49	26.686	0
"2012-02-12	10:00:00"	11.743	102.51	22.397	79.938	56.821	26.689	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-12	11:00:00"	11.055	102.88	22.66	83.107	84.416	26.666	0
"2012-02-12	12:00:00"	10.65	110.15	23.876	81.939	137.55	26.648	0
"2012-02-12	13:00:00"	10.196	117.49	24.2	83.399	110.06	26.609	0
"2012-02-12	14:00:00"	9.7953	123.52	24.355	84.491	89.972	26.565	0
"2012-02-12	15:00:00"	8.8334	124.73	24.619	87.838	73.385	26.521	0
"2012-02-12	16:00:00"	7.961	132.26	25.521	89.38	87.286	26.5	0
"2012-02-12	17:00:00"	9.8997	130.27	26.12	88.994	67.63	26.462	0
"2012-02-12	18:00:00"	8.6855	127.98	26.137	89.567	41.994	26.468	0
"2012-02-12	19:00:00"	6.5449	133.18	26.134	91.17	2.0028	26.459	0
"2012-02-12	20:00:00"	8.4376	158.27	27.241	93.11	0.09073	26.462	0
"2012-02-12	21:00:00"	11.11	126.48	27.895	93.596	0.09136	26.4	0
"2012-02-12	22:00:00"	8.4631	149.64	28.685	93.327	0.08246	26.412	0
"2012-02-12	23:00:00"	6.9718	175.88	29.272	93.958	0.1062	26.403	0
"2012-02-13	00:00:00"	6.8102	197.35	29.546	94.988	0.0725	26.4	0
"2012-02-13	01:00:00"	5.9726	207.55	29.74	95.387	0.08225	26.394	0
"2012-02-13	02:00:00"	18.695	42.99	29.867	95.406	0.07271	26.35	0
"2012-02-13	03:00:00"	5.4382	193.95	29.905	95.5	0.07674	26.353	0
"2012-02-13	04:00:00"	10.934	184.95	30.02	95.467	0.07525	26.347	0
"2012-02-13	05:00:00"	19.095	260.62	29.909	95.364	0.06593	26.335	0
"2012-02-13	06:00:00"	40.357	214.84	29.497	95.296	0.09158	26.332	0
"2012-02-13	07:00:00"	30.852	258.65	29.208	95.189	0.10345	26.332	0
"2012-02-13	08:00:00"	10.875	297.85	29.117	95.223	3.7777	26.344	0
"2012-02-13	09:00:00"	4.2974	241.01	29.256	95.085	66.14	26.353	0
"2012-02-13	10:00:00"	7.9486	354.96	29.759	94.783	185.43	26.353	0
"2012-02-13	11:00:00"	9.2131	3.3044	31.318	94.982	322.89	26.358	0
"2012-02-13	12:00:00"	10.532	226.46	36.853	94.615	725.83	26.35	0.1
"2012-02-13	13:00:00"	9.479	223.57	46.889	78.316	815.06	26.326	0.07
"2012-02-13	14:00:00"	14.266	225.93	54.954	53.63	802.62	26.294	0
"2012-02-13	15:00:00"	13.802	262.92	59.443	32.716	725.95	26.279	0
"2012-02-13	16:00:00"	9.8438	266.09	61.035	27.219	581.95	26.264	0
"2012-02-13	17:00:00"	10.03	219.13	61.144	26.741	388.35	26.261	0
"2012-02-13	18:00:00"	8.3692	207.17	60.684	25.149	180.54	26.264	0
"2012-02-13	19:00:00"	4.1557	178.28	55.672	31.099	25.897	26.273	0
"2012-02-13	20:00:00"	2.7738	233.72	49.545	39.171	0.06296	26.294	0
"2012-02-13	21:00:00"	2.5066	262.64	47.357	41.996	0.06105	26.305	0
"2012-02-13	22:00:00"	2.7924	288.79	46.303	42.552	0.08437	26.314	0
"2012-02-13	23:00:00"	3.4927	348.15	45.565	43.142	0.06741	26.317	0
"2012-02-14	00:00:00"	3.4318	340.94	44.11	44.13	0.08458	26.314	0
"2012-02-14	01:00:00"	2.1506	298.47	43.56	45.029	0.07801	26.314	0
"2012-02-14	02:00:00"	1.326	326.85	40.579	49.999	0.07737	26.311	0
"2012-02-14	03:00:00"	2.2885	350.77	40.092	51.065	0.0778	26.299	0
"2012-02-14	04:00:00"	3.2336	321.51	41.874	49.527	0.07144	26.294	0
"2012-02-14	05:00:00"	2.03	284.62	42.264	48.827	0.06847	26.291	0
"2012-02-14	06:00:00"	2.4488	182.35	38.8	56.176	0.0814	26.302	0
"2012-02-14	07:00:00"	4.5633	171.96	35.296	67.661	0.08055	26.305	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-14	08:00:00"	2.9652	162.81	37.285	65.331	15.702	26.323	0
"2012-02-14	09:00:00"	2.634	194.08	40.513	66.502	198.08	26.344	0
"2012-02-14	10:00:00"	5.4575	206.04	48.767	48.911	425.92	26.347	0
"2012-02-14	11:00:00"	6.6282	233.1	54.627	39.842	613.72	26.341	0
"2012-02-14	12:00:00"	7.82	224.47	59.901	34.654	743.48	26.314	0
"2012-02-14	13:00:00"	15.918	218.82	64.751	29.074	803.81	26.288	0
"2012-02-14	14:00:00"	17.078	214.77	66.216	25.944	796.69	26.252	0
"2012-02-14	15:00:00"	16.959	221.36	67.141	23.201	723.39	26.237	0
"2012-02-14	16:00:00"	14.239	220.47	67.279	22.519	437.64	26.229	0
"2012-02-14	17:00:00"	14.129	227.3	67.797	21.996	336.54	26.223	0
"2012-02-14	18:00:00"	12.921	237.24	67.238	21.76	173.6	26.237	0
"2012-02-14	19:00:00"	6.827	241.84	62.086	26.543	6.9035	26.252	0
"2012-02-14	20:00:00"	5.6744	278.96	60.505	29.019	0.06783	26.273	0
"2012-02-14	21:00:00"	7.8485	307.75	57.658	32.499	0.0619	26.285	0
"2012-02-14	22:00:00"	3.5288	186.11	53.838	37.748	0.06995	26.299	0
"2012-02-14	23:00:00"	2.8465	134.91	52.76	39.717	0.0867	26.302	0
"2012-02-15	00:00:00"	3.3629	215.99	51.546	41.783	0.09115	26.308	0
"2012-02-15	01:00:00"	5.3618	298.94	48.336	46.544	0.06469	26.314	0
"2012-02-15	02:00:00"	4.4906	281.63	47.062	46.685	0.06699	26.32	0
"2012-02-15	03:00:00"	3.3163	239.19	44.406	50.899	0.07674	26.335	0
"2012-02-15	04:00:00"	5.3792	288.12	43.641	51.912	0.07758	26.35	0
"2012-02-15	05:00:00"	5.4836	272.49	41.904	53.734	0.06911	26.367	0
"2012-02-15	06:00:00"	7.2694	253.91	41.106	51.704	0.07398	26.379	0
"2012-02-15	07:00:00"	5.7092	242.91	38.372	55.751	0.07949	26.388	0
"2012-02-15	08:00:00"	9.7742	220.2	39.327	54.816	17.866	26.409	0
"2012-02-15	09:00:00"	13.295	219.72	42.315	49.779	216.41	26.429	0
"2012-02-15	10:00:00"	17.334	235.38	47.476	36.535	450.02	26.447	0
"2012-02-15	11:00:00"	16.286	262.23	50.829	29.127	642.23	26.456	0
"2012-02-15	12:00:00"	15.416	277.2	52.876	24.724	778.13	26.447	0
"2012-02-15	13:00:00"	16.35	275.58	55.127	21.961	841.94	26.435	0
"2012-02-15	14:00:00"	15.245	282.22	57.365	19.617	833.89	26.415	0
"2012-02-15	15:00:00"	13.871	312.04	58.667	19.414	752.55	26.415	0
"2012-02-15	16:00:00"	11.86	302.23	59.164	19.311	608.23	26.42	0
"2012-02-15	17:00:00"	9.3367	293.71	60.071	17.135	411.76	26.42	0
"2012-02-15	18:00:00"	7.3931	294.83	59.365	16.399	196.85	26.438	0
"2012-02-15	19:00:00"	3.5058	336.98	56.588	18.062	30.671	26.462	0
"2012-02-15	20:00:00"	3.269	39.738	52.922	20.278	0.06953	26.477	0
"2012-02-15	21:00:00"	5.5184	78.893	48.293	24.455	0.07928	26.485	0
"2012-02-15	22:00:00"	6.3653	82.772	44.568	28.876	0.08543	26.5	0
"2012-02-15	23:00:00"	6.7984	86.055	42.772	32.861	0.0549	26.512	0
"2012-02-16	00:00:00"	8.1598	57.828	39.072	48.593	0.07313	26.521	0
"2012-02-16	01:00:00"	8.9204	63.554	38.147	67.681	0.06487	26.53	0
"2012-02-16	02:00:00"	10.78	58.92	37.364	73.152	0.07801	26.539	0
"2012-02-16	03:00:00"	11.41	52.03	35.991	77.568	0.08479	26.533	0
"2012-02-16	04:00:00"	10.475	45.161	33.563	83.364	0.08437	26.539	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-16	05:00:00"	10.371	53.064	32.716	86.124	0.07631	26.562	0
"2012-02-16	06:00:00"	8.565	55.858	31.379	88.862	0.09391	26.577	0
"2012-02-16	07:00:00"	8.2543	49.79	30.437	90.541	0.07313	26.592	0
"2012-02-16	08:00:00"	11.152	47.368	30.051	91.378	10.567	26.601	0
"2012-02-16	09:00:00"	13.486	55.554	32.227	90.018	74.144	26.609	0
"2012-02-16	10:00:00"	17.496	64.476	35.786	84.839	220.19	26.612	0
"2012-02-16	11:00:00"	14.948	61.614	38.363	77.718	254.35	26.63	0
"2012-02-16	12:00:00"	10.767	63.402	40.618	72.655	314.03	26.618	0
"2012-02-16	13:00:00"	12.006	68.889	43.08	65.703	351.29	26.595	0
"2012-02-16	14:00:00"	13.368	73.83	44.484	62.179	352.96	26.559	0
"2012-02-16	15:00:00"	13.039	69.196	45.195	60.938	193.77	26.536	0
"2012-02-16	16:00:00"	13.455	77.673	45.121	61.539	178.87	26.53	0
"2012-02-16	17:00:00"	13.271	78.15	45.675	60.226	186.99	26.512	0
"2012-02-16	18:00:00"	13.48	75.045	45.094	64.534	116.29	26.515	0
"2012-02-16	19:00:00"	11.438	74.064	43.396	70.245	6.2494	26.518	0
"2012-02-16	20:00:00"	8.23	72.208	41.53	77.513	0.08437	26.533	0
"2012-02-16	21:00:00"	9.7064	74.52	41.398	81.997	0.06508	26.536	0
"2012-02-16	22:00:00"	11.022	76.572	41.459	85.194	0.0778	26.533	0
"2012-02-16	23:00:00"	10.566	73.018	40.549	87.019	0.09984	26.536	0
"2012-02-17	00:00:00"	10.244	76.313	38.888	90.791	0.07165	26.524	0
"2012-02-17	01:00:00"	10.781	68.824	38.463	91.482	0.06932	26.515	0
"2012-02-17	02:00:00"	10.18	62.891	38.48	89.705	0.07313	26.509	0
"2012-02-17	03:00:00"	11.086	63.94	38.087	89.349	0.0814	26.483	0
"2012-02-17	04:00:00"	10.667	71.944	37.695	90.562	0.09327	26.462	0
"2012-02-17	05:00:00"	6.9221	64.543	37.398	92.788	0.08394	26.474	0.07
"2012-02-17	06:00:00"	8.5594	64.031	37.559	93.586	0.05342	26.468	0
"2012-02-17	07:00:00"	7.9132	70.109	37.67	93.844	0.08331	26.48	0
"2012-02-17	08:00:00"	6.8307	77.236	37.939	94.125	2.2396	26.497	0
"2012-02-17	09:00:00"	7.0712	69.956	38.5	94.066	26.698	26.515	0
"2012-02-17	10:00:00"	6.2964	69.539	39.737	92.831	96.103	26.515	0
"2012-02-17	11:00:00"	5.2717	83.467	40.848	91.313	90.952	26.515	0
"2012-02-17	12:00:00"	5.2096	87.444	42.451	88.507	257.25	26.5	0
"2012-02-17	13:00:00"	5.1238	156.42	45.681	83.337	282.28	26.488	0
"2012-02-17	14:00:00"	3.0093	216.41	46.177	82.417	144.37	26.456	0
"2012-02-17	15:00:00"	3.1187	283.31	47.372	78.979	212.34	26.435	0
"2012-02-17	16:00:00"	3.1441	15.094	47.459	79.378	100.8	26.426	0
"2012-02-17	17:00:00"	3.3529	44.021	47.255	80.1	48.389	26.429	0
"2012-02-17	18:00:00"	3.4797	334.37	47.337	80.433	35.579	26.429	0
"2012-02-17	19:00:00"	3.6835	28.135	46.969	80.764	5.3006	26.418	0
"2012-02-17	20:00:00"	4.715	36.359	45.186	86.729	0.06296	26.426	0
"2012-02-17	21:00:00"	5.3469	26.403	42.123	91	0.06868	26.429	0
"2012-02-17	22:00:00"	3.745	4.4133	40.429	93.847	0.07674	26.441	0
"2012-02-17	23:00:00"	1.8915	30.247	40.904	93.666	0.09094	26.438	0
"2012-02-18	00:00:00"	3.3163	46.918	40.497	93.945	0.0867	26.42	0
"2012-02-18	01:00:00"	2.739	91.035	40.492	94.774	0.0831	26.418	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-18	02:00:00"	2.3612	68.309	41.02	95.67	0.08543	26.412	0
"2012-02-18	03:00:00"	4.0315	116.04	40.685	95.642	0.06211	26.415	0
"2012-02-18	04:00:00"	2.1357	44.324	40.896	96.001	0.06232	26.385	0
"2012-02-18	05:00:00"	3.1678	83.64	41.014	96.07	0.05999	26.412	0
"2012-02-18	06:00:00"	2.4501	10.902	41.047	96.099	0.07483	26.4	0.01
"2012-02-18	07:00:00"	3.7208	341.74	40.974	96.098	0.08373	26.418	0
"2012-02-18	08:00:00"	4.5366	320.42	40.811	96.1	1.4817	26.438	0
"2012-02-18	09:00:00"	5.5203	312.77	40.912	96.09	28.14	26.447	0
"2012-02-18	10:00:00"	8.1735	312.84	41.982	95.586	171.77	26.453	0
"2012-02-18	11:00:00"	10.338	319.63	45.52	85.045	375.37	26.471	0
"2012-02-18	12:00:00"	15.86	339.85	46.863	76.079	191.1	26.48	0
"2012-02-18	13:00:00"	14.699	5.5911	46.323	75.684	506.46	26.471	0
"2012-02-18	14:00:00"	13.405	8.7896	49.887	64.706	760.01	26.462	0
"2012-02-18	15:00:00"	12.166	358.89	50.564	60.375	608.74	26.456	0
"2012-02-18	16:00:00"	10.622	347.73	52.086	54.488	632.52	26.45	0
"2012-02-18	17:00:00"	9.5983	341.32	51.266	54.632	313.68	26.459	0
"2012-02-18	18:00:00"	8.1679	3.6316	51.149	54.185	205.13	26.462	0
"2012-02-18	19:00:00"	8.7738	41.128	47.025	68.747	30.888	26.48	0
"2012-02-18	20:00:00"	5.9757	53.957	40.959	82.654	0.08458	26.494	0
"2012-02-18	21:00:00"	6.8133	53.316	38.398	88.149	0.05363	26.5	0
"2012-02-18	22:00:00"	5.9732	64.069	37.35	89.779	0.05872	26.503	0
"2012-02-18	23:00:00"	5.181	79.677	35.704	92.215	0.07207	26.497	0
"2012-02-19	00:00:00"	5.2382	82.681	35.317	92.796	0.0778	26.497	0
"2012-02-19	01:00:00"	4.7342	82.351	35.17	93.446	0.07017	26.494	0
"2012-02-19	02:00:00"	5.4637	116.46	36.979	95.205	0.09624	26.494	0
"2012-02-19	03:00:00"	6.5256	153.29	38.796	95.896	0.08776	26.488	0
"2012-02-19	04:00:00"	7.2632	172.67	38.332	95.786	0.07356	26.471	0
"2012-02-19	05:00:00"	7.0339	188.73	37.639	95.951	0.07907	26.462	0
"2012-02-19	06:00:00"	5.5998	173.65	37.275	95.986	0.0903	26.462	0
"2012-02-19	07:00:00"	6.8711	180.75	37.032	96.084	0.07631	26.471	0
"2012-02-19	08:00:00"	7.7491	165.62	36.591	96.122	4.7725	26.456	0
"2012-02-19	09:00:00"	7.4751	145.59	37.493	96.168	64.229	26.471	0
"2012-02-19	10:00:00"	9.4666	168.74	38.682	96.044	185.19	26.485	0
"2012-02-19	11:00:00"	9.6343	168.6	42.12	91.328	529.54	26.453	0
"2012-02-19	12:00:00"	9.9531	155.84	48.912	68.321	774.55	26.42	0
"2012-02-19	13:00:00"	12.417	170.43	55.391	46.642	836.97	26.382	0
"2012-02-19	14:00:00"	14.09	180.76	59.33	31.79	826.26	26.335	0
"2012-02-19	15:00:00"	14.239	184.32	61.611	26.624	748.11	26.299	0
"2012-02-19	16:00:00"	16.194	187.28	62.494	26.393	605.98	26.285	0
"2012-02-19	17:00:00"	16.733	175.54	62.398	29.97	412.33	26.258	0
"2012-02-19	18:00:00"	16.096	166.78	61.44	37.256	194.36	26.249	0
"2012-02-19	19:00:00"	14.208	145.62	57.754	41.775	28.213	26.243	0
"2012-02-19	20:00:00"	13.299	144.41	54.256	46.48	0.06381	26.264	0
"2012-02-19	21:00:00"	14.195	157.18	52.318	54.909	0.06762	26.255	0
"2012-02-19	22:00:00"	15.433	174.22	50.35	64.381	0.07568	26.288	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-19	23:00:00"	9.9587	184.4	47.942	72.778	0.06783	26.288	0
"2012-02-20	00:00:00"	9.6797	179.25	46.207	78.627	0.07419	26.288	0
"2012-02-20	01:00:00"	7.7716	205.09	44.38	83.152	0.07695	26.299	0
"2012-02-20	02:00:00"	4.431	221.19	41.884	87.33	0.06232	26.305	0
"2012-02-20	03:00:00"	4.3595	213.89	39.494	91.077	0.08204	26.299	0
"2012-02-20	04:00:00"	3.6046	224.16	38.242	93.692	0.08988	26.296	0
"2012-02-20	05:00:00"	4.1253	227.89	36.899	94.603	0.06953	26.305	0
"2012-02-20	06:00:00"	4.5049	235.73	36.681	94.748	0.06826	26.314	0
"2012-02-20	07:00:00"	4.7435	231.13	36.069	91.939	0.09412	26.326	0
"2012-02-20	08:00:00"	3.7717	254.39	35.777	86.618	30.279	26.35	0
"2012-02-20	09:00:00"	5.6942	244.62	39.665	74.179	234.93	26.379	0.01
"2012-02-20	10:00:00"	13.761	251.53	50.52	44.208	445.66	26.397	0
"2012-02-20	11:00:00"	18.27	271.94	55.747	28.148	649.82	26.412	0
"2012-02-20	12:00:00"	19.973	281.19	57.72	23.724	782.61	26.42	0
"2012-02-20	13:00:00"	19.661	291.81	59.697	20.66	844.27	26.415	0
"2012-02-20	14:00:00"	19.455	302.33	61.096	19.799	835.23	26.418	0
"2012-02-20	15:00:00"	17.772	321.26	60.018	21.024	754.22	26.42	0
"2012-02-20	16:00:00"	15.971	325.35	59.714	16.425	613.45	26.435	0
"2012-02-20	17:00:00"	14.715	325.48	59.098	12.644	423.84	26.438	0
"2012-02-20	18:00:00"	14.164	337.92	57.076	11.117	207.52	26.459	0
"2012-02-20	19:00:00"	6.4989	352.23	53.426	11.917	35.231	26.48	0
"2012-02-20	20:00:00"	3.8109	1.8313	46.804	16.093	0.07398	26.5	0
"2012-02-20	21:00:00"	5.1505	7.7799	43.693	18.211	0.06656	26.515	0
"2012-02-20	22:00:00"	5.5979	26.82	42.541	18.729	0.07525	26.53	0
"2012-02-20	23:00:00"	3.8854	353.54	40.986	20.952	0.07271	26.545	0
"2012-02-21	00:00:00"	3.4368	344.37	35.708	30.339	0.06381	26.533	0
"2012-02-21	01:00:00"	3.2579	1.8199	36.388	27.242	0.07419	26.533	0
"2012-02-21	02:00:00"	3.5226	344.34	37.41	25.855	0.06741	26.527	0
"2012-02-21	03:00:00"	3.1727	343.41	36.147	26.982	0.06783	26.515	0
"2012-02-21	04:00:00"	3.6779	274.34	33.098	34.319	0.07419	26.524	0
"2012-02-21	05:00:00"	3.2634	277.05	34.417	30.526	0.07822	26.515	0
"2012-02-21	06:00:00"	3.791	338.07	34.977	30.286	0.08119	26.518	0
"2012-02-21	07:00:00"	2.3115	333.4	33.787	32.284	0.05872	26.524	0
"2012-02-21	08:00:00"	1.3136	206.15	35.436	28.391	24.952	26.536	0
"2012-02-21	09:00:00"	2.6365	231.27	39.823	29.233	223.09	26.553	0
"2012-02-21	10:00:00"	10.714	195.67	49.617	32.899	455.26	26.559	0
"2012-02-21	11:00:00"	12.25	209.93	54.348	29.746	648.73	26.545	0
"2012-02-21	12:00:00"	13.218	209.46	59.022	24.05	783.15	26.533	0
"2012-02-21	13:00:00"	14.467	217.05	63.943	18.074	852.27	26.488	0
"2012-02-21	14:00:00"	15.645	222.66	67.197	14.528	846.87	26.441	0
"2012-02-21	15:00:00"	16.761	235.77	69.39	12.009	769.73	26.426	0
"2012-02-21	16:00:00"	15.371	236.52	70.088	11.288	613.85	26.415	0
"2012-02-21	17:00:00"	11.582	235.71	70.312	10.756	391.56	26.397	0
"2012-02-21	18:00:00"	11.848	250.23	70.064	10.289	206.37	26.394	0
"2012-02-21	19:00:00"	7.3608	236	65.06	12.231	39.902	26.397	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-21	20:00:00"	4.9983	247.14	56.125	16.403	0.07271	26.397	0
"2012-02-21	21:00:00"	7.4465	257.38	55.238	16.756	0.07695	26.406	0
"2012-02-21	22:00:00"	5.5519	269.63	51.481	19.041	0.07907	26.418	0
"2012-02-21	23:00:00"	4.8641	277.67	47.274	23.407	0.06402	26.415	0
"2012-02-22	00:00:00"	5.46	289.09	48.418	23.735	0.06826	26.415	0
"2012-02-22	01:00:00"	6.3933	297.23	47.388	25.104	0.0744	26.409	0
"2012-02-22	02:00:00"	5.7551	280.25	46.478	26.798	0.06126	26.403	0
"2012-02-22	03:00:00"	7.8231	288.11	45.974	28.019	0.08013	26.397	0
"2012-02-22	04:00:00"	8.3537	287.85	43.974	30.019	0.07017	26.382	0
"2012-02-22	05:00:00"	7.3048	284.42	44.255	31.152	0.08797	26.379	0
"2012-02-22	06:00:00"	4.7833	260.57	41.672	34.356	0.0513	26.385	0
"2012-02-22	07:00:00"	7.4366	293.42	43.728	32.538	0.04918	26.385	0
"2012-02-22	08:00:00"	9.0385	285.83	43.767	32.501	34.394	26.379	0
"2012-02-22	09:00:00"	7.8448	276.86	45.757	32.052	240.01	26.406	0
"2012-02-22	10:00:00"	10.348	269.43	56.662	21.314	467.3	26.394	0
"2012-02-22	11:00:00"	15.48	268.3	65.535	14.291	658.32	26.379	0
"2012-02-22	12:00:00"	17.738	266.14	68.879	12.018	793.51	26.367	0
"2012-02-22	13:00:00"	17.688	279.41	71.904	11.669	856.03	26.338	0
"2012-02-22	14:00:00"	18.102	289.95	73.916	11.452	847.05	26.299	0
"2012-02-22	15:00:00"	13.215	292.76	75.997	12.003	652.03	26.311	0.1
"2012-02-22	16:00:00"	11.419	271.86	76.285	11.626	535.42	26.282	0
"2012-02-22	17:00:00"	14.321	268.46	76.147	9.8428	430.02	26.267	0
"2012-02-22	18:00:00"	13.231	270.55	75.203	9.7261	220.32	26.261	0
"2012-02-22	19:00:00"	9.2528	267.15	71.162	11.353	40.045	26.261	0
"2012-02-22	20:00:00"	7.9237	267.91	65.529	14.562	0.07928	26.249	0
"2012-02-22	21:00:00"	5.921	258.9	60.931	16.752	0.0778	26.24	0
"2012-02-22	22:00:00"	4.1619	234.76	55.147	20.023	0.09963	26.234	0
"2012-02-22	23:00:00"	5.025	253.13	52.865	21.611	0.0602	26.24	0
"2012-02-23	00:00:00"	5.0368	271.82	52.397	22.201	0.07059	26.226	0
"2012-02-23	01:00:00"	2.529	271.96	48.382	26.268	0.07886	26.22	0
"2012-02-23	02:00:00"	3.7065	269.06	49.723	25.366	0.06826	26.208	0
"2012-02-23	03:00:00"	9.7201	263.46	55.66	20.411	0.06614	26.196	0
"2012-02-23	04:00:00"	11.159	267.73	58.038	18.581	0.06529	26.184	0
"2012-02-23	05:00:00"	9.8183	264.54	57.347	18.004	0.07801	26.19	0
"2012-02-23	06:00:00"	10.963	273.62	56.125	18.687	0.08267	26.178	0
"2012-02-23	07:00:00"	8.6408	263.35	56.436	18.402	0.092	26.158	0
"2012-02-23	08:00:00"	12.427	267.82	57.979	16.447	27.367	26.167	0
"2012-02-23	09:00:00"	12.933	267.17	60.07	15.316	255.47	26.178	0
"2012-02-23	10:00:00"	15.494	268.1	64.76	13.128	483.86	26.181	0
"2012-02-23	11:00:00"	20.552	270.75	69.53	10.914	667.46	26.178	0
"2012-02-23	12:00:00"	21.99	276.32	73.195	10.991	711.29	26.134	0
"2012-02-23	13:00:00"	25.09	285.97	75.733	9.2578	863.65	26.11	0
"2012-02-23	14:00:00"	24.078	286.73	77.899	8.2575	864.26	26.078	0
"2012-02-23	15:00:00"	22.551	271.33	79.746	7.4311	777.32	26.063	0
"2012-02-23	16:00:00"	18.517	283.32	80.086	8.0792	625.04	26.078	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-23	17:00:00"	16.437	266.48	79.587	8.7933	422.12	26.084	0
"2012-02-23	18:00:00"	13.945	307.03	76.932	11.18	202.16	26.128	0
"2012-02-23	19:00:00"	19.301	50.377	61.032	29.027	30.032	26.184	0
"2012-02-23	20:00:00"	17.573	47.842	55.717	33.496	0.06275	26.249	0
"2012-02-23	21:00:00"	22.026	44.782	51.628	33.708	0.08882	26.308	0
"2012-02-23	22:00:00"	23.835	40.606	46.816	30.705	0.08437	26.382	0
"2012-02-23	23:00:00"	25.494	36.82	43.155	25.228	0.08437	26.435	0
"2012-02-24	00:00:00"	21.519	31.659	40.584	30.277	0.08712	26.491	0
"2012-02-24	01:00:00"	15.466	27.776	38.722	35.611	0.08691	26.527	0
"2012-02-24	02:00:00"	12.959	21.265	37.044	40.342	0.06868	26.559	0
"2012-02-24	03:00:00"	9.6325	11.662	35.483	44.737	0.09348	26.562	0
"2012-02-24	04:00:00"	9.1503	0.55785	33.715	48.512	0.07334	26.565	0
"2012-02-24	05:00:00"	8.9341	351.66	33.058	50.111	0.0797	26.589	0
"2012-02-24	06:00:00"	4.8249	344.95	29.813	56.746	0.08479	26.609	0
"2012-02-24	07:00:00"	5.0952	351.67	27.438	63.214	0.08967	26.639	0
"2012-02-24	08:00:00"	5.5805	355.57	26.918	65.821	31.482	26.663	0
"2012-02-24	09:00:00"	8.8433	359.9	32.843	55.412	265.13	26.695	0
"2012-02-24	10:00:00"	10.722	27.704	39.191	40.651	503.24	26.707	0
"2012-02-24	11:00:00"	8.2524	49.867	42.308	34.151	699.39	26.719	0
"2012-02-24	12:00:00"	5.2096	75.395	45.166	27.844	832.21	26.713	0
"2012-02-24	13:00:00"	5.3612	93.076	47.261	23.62	893.7	26.692	0
"2012-02-24	14:00:00"	5.4575	155.36	49.1	20.657	881.4	26.669	0
"2012-02-24	15:00:00"	4.7547	97.626	50.514	19.399	795.46	26.657	0
"2012-02-24	16:00:00"	5.2263	75.177	51.645	18.42	644.29	26.654	0
"2012-02-24	17:00:00"	5.4923	131.59	52.469	18.092	444.73	26.651	0
"2012-02-24	18:00:00"	5.6458	165.48	51.962	18.405	219.89	26.66	0
"2012-02-24	19:00:00"	4.7299	159.59	48.802	20.103	42.138	26.672	0
"2012-02-24	20:00:00"	4.3142	142.74	43.447	23.758	0.06381	26.686	0
"2012-02-24	21:00:00"	5.4886	120.81	41.79	26.754	0.06402	26.695	0
"2012-02-24	22:00:00"	6.1975	137.91	39.823	30.703	0.06932	26.704	0
"2012-02-24	23:00:00"	6.1118	143.96	38.681	32.952	0.08394	26.707	0
"2012-02-25	00:00:00"	5.6451	146.36	38.662	33.46	0.08437	26.713	0
"2012-02-25	01:00:00"	6.2702	152.05	36.857	36.344	0.07356	26.71	0
"2012-02-25	02:00:00"	6.3871	148.26	35.379	39.435	0.08013	26.71	0
"2012-02-25	03:00:00"	4.1004	172.44	33.154	43.444	0.08606	26.701	0
"2012-02-25	04:00:00"	4.0476	165.39	31.213	47.45	0.0814	26.683	0
"2012-02-25	05:00:00"	5.2263	154.21	32.046	46.915	0.05935	26.674	0
"2012-02-25	06:00:00"	5.1742	168.69	31.272	49.568	0.09624	26.672	0
"2012-02-25	07:00:00"	4.0482	185.3	30.149	52.182	0.08246	26.666	0
"2012-02-25	08:00:00"	3.0615	227.64	29.308	54.078	45.321	26.669	0
"2012-02-25	09:00:00"	7.6342	196.97	35.67	45.396	274.99	26.677	0
"2012-02-25	10:00:00"	17.679	188.04	44.456	30.638	511.05	26.669	0
"2012-02-25	11:00:00"	18.12	188.93	48.406	27.087	703.11	26.654	0
"2012-02-25	12:00:00"	18.043	187.03	51.232	25.478	833.11	26.627	0
"2012-02-25	13:00:00"	18.441	185.57	53.875	24.347	893.37	26.586	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-25	14:00:00"	18.284	188.11	56.792	22.614	878.11	26.533	0
"2012-02-25	15:00:00"	19.156	193.3	59.209	22.096	789.84	26.506	0
"2012-02-25	16:00:00"	18.2	193.93	60.884	21.021	640.5	26.477	0
"2012-02-25	17:00:00"	17.918	196.45	61.936	19.978	440.18	26.447	0
"2012-02-25	18:00:00"	16.073	192.72	62.282	19.722	218.63	26.432	0
"2012-02-25	19:00:00"	11.736	176.49	59.393	22.023	42.044	26.42	0
"2012-02-25	20:00:00"	11.894	165.88	53.977	28.553	0.08034	26.426	0
"2012-02-25	21:00:00"	12.542	167.68	50.139	35.373	0.06868	26.426	0
"2012-02-25	22:00:00"	14.666	175.47	48.12	39.175	0.06911	26.432	0
"2012-02-25	23:00:00"	13.181	181.45	45.812	42.378	0.08585	26.429	0
"2012-02-26	00:00:00"	11.125	186.8	43.202	44.704	0.0407	26.426	0
"2012-02-26	01:00:00"	6.6033	199.68	40.407	45.646	0.10323	26.418	0
"2012-02-26	02:00:00"	4.3502	213.06	36.507	51.852	0.06868	26.412	0
"2012-02-26	03:00:00"	4.6752	224.77	34.283	56.937	0.06847	26.397	0
"2012-02-26	04:00:00"	4.7628	242.33	34.029	60.104	0.06571	26.382	0
"2012-02-26	05:00:00"	4.8535	228	33.155	65.713	0.08182	26.376	0
"2012-02-26	06:00:00"	4.5447	233.44	32.648	68.439	0.07419	26.379	0
"2012-02-26	07:00:00"	4.7833	242.33	32.023	71.67	0.08543	26.385	0
"2012-02-26	08:00:00"	4.6037	252.47	31.881	73.409	43.711	26.397	0
"2012-02-26	09:00:00"	7.2209	228.52	37.552	67.357	266.3	26.412	0
"2012-02-26	10:00:00"	8.1611	227.21	45.932	52.574	496.29	26.418	0
"2012-02-26	11:00:00"	9.0994	235.6	54.692	39.678	685.68	26.418	0
"2012-02-26	12:00:00"	9.4778	222.55	62.213	30.819	814.63	26.415	0
"2012-02-26	13:00:00"	10.909	212.39	67.085	25.502	875.86	26.391	0
"2012-02-26	14:00:00"	10.503	216.78	70.477	22.195	863.91	26.358	0
"2012-02-26	15:00:00"	10.003	227.96	74.026	18.256	782.37	26.332	0
"2012-02-26	16:00:00"	12.024	214.59	74.898	17.594	632.48	26.32	0
"2012-02-26	17:00:00"	11.067	215.26	75.375	16.634	434.27	26.317	0
"2012-02-26	18:00:00"	10.834	194.27	74.279	17.987	211.77	26.326	0
"2012-02-26	19:00:00"	7.4608	167.23	69.275	20.865	38.664	26.344	0
"2012-02-26	20:00:00"	6.5474	143.37	61.862	26.895	0.08013	26.356	0
"2012-02-26	21:00:00"	10.346	158.82	59.839	35.621	0.06593	26.376	0
"2012-02-26	22:00:00"	10.218	165.19	56.741	44.367	0.07101	26.403	0
"2012-02-26	23:00:00"	5.6178	158.55	52.688	51.854	0.06444	26.418	0
"2012-02-27	00:00:00"	1.8299	166.49	49.937	57.819	0.05893	26.426	0
"2012-02-27	01:00:00"	2.5843	219.06	48.692	61.457	0.05999	26.438	0
"2012-02-27	02:00:00"	3.2125	263.86	48.191	64.598	0.06487	26.444	0
"2012-02-27	03:00:00"	3.0466	195.34	47.178	70.528	0.08331	26.444	0
"2012-02-27	04:00:00"	4.6578	39.508	46.094	76.868	0.08288	26.48	0
"2012-02-27	05:00:00"	8.3257	34.284	43.483	76.834	0.07801	26.497	0
"2012-02-27	06:00:00"	6.9575	48.817	39.525	82.626	0.06402	26.506	0
"2012-02-27	07:00:00"	6.3094	48.449	38.391	86.971	0.07059	26.533	0
"2012-02-27	08:00:00"	6.1702	35.627	39.884	88.747	20.191	26.565	0
"2012-02-27	09:00:00"	8.647	31.935	44.388	85.136	72.56	26.589	0
"2012-02-27	10:00:00"	9.2559	30.285	46.18	79.554	89.057	26.615	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-27	11:00:00"	10.424	17.009	46.548	79.294	92.019	26.618	0
"2012-02-27	12:00:00"	11.566	21.719	46.157	83.053	106.77	26.609	0
"2012-02-27	13:00:00"	12.213	26.388	45.809	87.434	147.27	26.58	0
"2012-02-27	14:00:00"	10.913	38.437	46.909	88.341	135.29	26.55	0
"2012-02-27	15:00:00"	11.211	50.676	48.342	90.458	156.77	26.521	0
"2012-02-27	16:00:00"	9.922	44.73	48.688	92.53	87.861	26.515	0
"2012-02-27	17:00:00"	8.7153	70.747	50.14	94.18	69.1	26.509	0
"2012-02-27	18:00:00"	8.3121	80.264	51.094	94.255	52.601	26.494	0
"2012-02-27	19:00:00"	8.373	74.676	51.821	94.108	22.491	26.491	0
"2012-02-27	20:00:00"	10.105	91.684	52.105	93.817	0.07101	26.48	0
"2012-02-27	21:00:00"	12.186	95.427	53.064	94.757	0.05829	26.477	0
"2012-02-27	22:00:00"	11.175	103.82	53.868	93.595	0.08861	26.471	0
"2012-02-27	23:00:00"	11.546	112.27	53.303	94.235	0.06381	26.456	0
"2012-02-28	00:00:00"	13.396	127.19	54.011	92.392	0.05787	26.423	0
"2012-02-28	01:00:00"	14.63	132.32	54.547	92.047	0.07631	26.403	0
"2012-02-28	02:00:00"	10.743	134.73	54.94	91.352	0.05533	26.391	0
"2012-02-28	03:00:00"	12.818	156.41	55.872	89.258	0.0672	26.367	0
"2012-02-28	04:00:00"	15.956	171.5	56.817	86.729	0.06889	26.344	0
"2012-02-28	05:00:00"	16.125	180.8	56.559	87.162	0.08585	26.347	0
"2012-02-28	06:00:00"	12.794	185.69	55.635	89.499	0.05808	26.353	0
"2012-02-28	07:00:00"	8.2127	203.66	54.151	91.793	0.06635	26.361	0
"2012-02-28	08:00:00"	5.2226	214.56	52.442	93.771	8.7836	26.358	0
"2012-02-28	09:00:00"	11.476	194.93	54.135	93.356	176.43	26.361	0
"2012-02-28	10:00:00"	17.091	190.91	58.824	82.281	466.15	26.361	0
"2012-02-28	11:00:00"	18.112	204.52	63.97	63.658	670.26	26.364	0
"2012-02-28	12:00:00"	17.521	225.65	67.545	46.242	806.02	26.356	0
"2012-02-28	13:00:00"	20.749	227.71	72.203	28.435	868.64	26.326	0
"2012-02-28	14:00:00"	26.352	236.27	75.424	18.948	839.01	26.308	0
"2012-02-28	15:00:00"	30.008	244.63	75.759	15.605	760.46	26.291	0
"2012-02-28	16:00:00"	29.877	251.33	76.294	12.972	604.07	26.305	0
"2012-02-28	17:00:00"	30.79	246.18	75.598	11.602	416.95	26.314	0
"2012-02-28	18:00:00"	27.865	249.57	74.112	9.8978	198.5	26.335	0
"2012-02-28	19:00:00"	19.523	255.94	71.311	8.9892	30.039	26.361	0
"2012-02-28	20:00:00"	9.6959	268.86	66.49	9.1383	0.07907	26.388	0
"2012-02-28	21:00:00"	10.382	300.49	61.561	13.928	0.07631	26.412	0
"2012-02-28	22:00:00"	11.512	319.86	57.887	17.679	0.06995	26.435	0
"2012-02-28	23:00:00"	9.5641	336.09	52.915	21.57	0.05511	26.444	0
"2012-02-29	00:00:00"	11.134	348.66	49.126	23.743	0.05787	26.444	0
"2012-02-29	01:00:00"	12.946	355.22	48.044	21.35	0.07017	26.459	0
"2012-02-29	02:00:00"	7.5552	18.505	45.425	21.706	0.08076	26.491	0
"2012-02-29	03:00:00"	3.576	314.27	42.407	23.634	0.06911	26.483	0
"2012-02-29	04:00:00"	3.0242	98.294	42.639	22.969	0.07525	26.48	0
"2012-02-29	05:00:00"	3.0056	32.164	41.347	24.433	0.07801	26.491	0
"2012-02-29	06:00:00"	2.5743	4.3874	38.371	28.128	0.07313	26.509	0
"2012-02-29	07:00:00"	3.5866	337.03	37.475	30.003	0.08034	26.518	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-02-29	08:00:00"	2.4383	321.02	36.145	31.794	43.643	26.53	0
"2012-02-29	09:00:00"	4.669	322.95	41.635	28.197	261.71	26.542	0
"2012-02-29	10:00:00"	7.5584	327.37	50.512	21.716	527.81	26.547	0
"2012-02-29	11:00:00"	5.7825	269.24	56.084	17.013	712.15	26.539	0
"2012-02-29	12:00:00"	8.0766	238.81	59.971	15.742	815.21	26.524	0
"2012-02-29	13:00:00"	7.9567	228.15	64.092	13.4	909	26.494	0
"2012-02-29	14:00:00"	9.8512	220.37	67.478	11.84	790.94	26.459	0
"2012-02-29	15:00:00"	9.5374	236.53	69.557	9.7461	729.43	26.435	0
"2012-02-29	16:00:00"	9.9637	246.7	70.601	8.3106	488.73	26.42	0
"2012-02-29	17:00:00"	10.615	241.61	71.061	7.3575	344.84	26.403	0
"2012-02-29	18:00:00"	11.195	224.74	70.346	8.0242	212.63	26.403	0
"2012-02-29	19:00:00"	6.5057	223.51	65.27	9.9897	30.254	26.406	0
"2012-02-29	20:00:00"	6.95	222.18	58.585	13.077	0.05872	26.409	0
"2012-02-29	21:00:00"	5.908	231.15	54.366	14.195	0.07737	26.412	0
"2012-02-29	22:00:00"	5.281	259.74	51.339	15.682	0.0744	26.415	0
"2012-02-29	23:00:00"	4.7752	267.8	49.067	17.076	0.0778	26.423	0
"2012-03-01	00:00:00"	4.395	248.56	47.384	18.517	0.07568	26.415	0
"2012-03-01	01:00:00"	4.262	248.65	46.208	19.386	0.05766	26.4	0
"2012-03-01	02:00:00"	4.787	254.93	44.275	20.813	0.07504	26.397	0
"2012-03-01	03:00:00"	4.5155	251.8	42.445	22.093	0.0761	26.382	0
"2012-03-01	04:00:00"	4.8318	276.36	43.145	21.957	0.06805	26.37	0
"2012-03-01	05:00:00"	4.303	273.34	44.042	21.555	0.06699	26.361	0
"2012-03-01	06:00:00"	3.4635	258.64	44.044	21.353	0.06444	26.361	0
"2012-03-01	07:00:00"	4.9766	297.84	44.85	22.547	0.08182	26.358	0
"2012-03-01	08:00:00"	3.366	286.99	43.693	23.977	37.825	26.361	0
"2012-03-01	09:00:00"	4.3229	269.96	46.981	23.206	259.25	26.361	0
"2012-03-01	10:00:00"	8.7949	228.45	55.905	17.331	509.71	26.367	0
"2012-03-01	11:00:00"	9.5008	236.7	63.782	13.576	707.74	26.347	0
"2012-03-01	12:00:00"	10.678	237.29	68.55	10.575	826.68	26.335	0
"2012-03-01	13:00:00"	11.599	238.68	71.851	8.8406	897.69	26.285	0
"2012-03-01	14:00:00"	15.05	243.75	74.928	6.2064	892.52	26.243	0
"2012-03-01	15:00:00"	18.227	256.52	76.333	5.03	805.87	26.214	0
"2012-03-01	16:00:00"	15.847	260.31	76.969	4.8597	652.39	26.187	0
"2012-03-01	17:00:00"	19.437	242.72	76.535	5.6747	441.4	26.172	0
"2012-03-01	18:00:00"	21.809	233.07	74.1	6.8589	220.77	26.164	0
"2012-03-01	19:00:00"	19.351	233.65	69.723	8.0022	42.105	26.178	0
"2012-03-01	20:00:00"	11.656	232.68	64.451	9.712	0.08225	26.184	0
"2012-03-01	21:00:00"	7.6354	204.06	57.638	12.498	0.06826	26.175	0
"2012-03-01	22:00:00"	5.5333	225.97	54.042	14.354	0.05596	26.184	0
"2012-03-01	23:00:00"	15.34	267.06	59.461	13.44	0.07229	26.187	0
"2012-03-02	00:00:00"	17.676	274.44	61.498	13.366	0.06953	26.196	0
"2012-03-02	01:00:00"	13.782	280.84	59.807	13.557	0.06342	26.208	0
"2012-03-02	02:00:00"	14.621	275.1	59.001	12.391	0.08585	26.22	0
"2012-03-02	03:00:00"	12.782	280.52	57.754	12.127	0.06953	26.226	0
"2012-03-02	04:00:00"	12.27	322.28	51.33	20.027	0.06296	26.255	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-02	05:00:00"	9.5672	346.59	45.343	30.992	0.06932	26.264	0
"2012-03-02	06:00:00"	11.003	3.8325	43.846	32.832	0.06063	26.264	0
"2012-03-02	07:00:00"	10.692	4.4312	42.511	33.811	0.09899	26.27	0
"2012-03-02	08:00:00"	10.502	5.9616	41.22	34.25	57.579	26.273	0
"2012-03-02	09:00:00"	10.976	10.312	46.99	25.938	302.12	26.302	0
"2012-03-02	10:00:00"	11.123	38.256	49.658	22.789	451.22	26.311	0
"2012-03-02	11:00:00"	6.6692	76.805	54.119	17.406	724.04	26.314	0
"2012-03-02	12:00:00"	5.3606	133.21	58.015	14.8	855.94	26.299	0
"2012-03-02	13:00:00"	7.7342	191.48	59.901	14.387	915.05	26.267	0
"2012-03-02	14:00:00"	9.5747	208.68	62.637	13.464	899.92	26.232	0
"2012-03-02	15:00:00"	15.14	238.07	65.844	12.392	808.49	26.202	0
"2012-03-02	16:00:00"	16.331	241.23	68.014	11.365	653.58	26.187	0
"2012-03-02	17:00:00"	19.525	255.28	69.503	9.9775	440.89	26.175	0
"2012-03-02	18:00:00"	21.274	305.8	67.812	11.283	219.05	26.214	0
"2012-03-02	19:00:00"	26.114	358.03	57.152	21.156	36.656	26.288	0
"2012-03-02	20:00:00"	19.616	353.22	52.326	15.432	0.09221	26.356	0
"2012-03-02	21:00:00"	18.535	353.33	49.433	14.606	0.06911	26.403	0
"2012-03-02	22:00:00"	15.003	354.84	46.842	19.131	0.06741	26.432	0
"2012-03-02	23:00:00"	11.308	0.59077	43.861	25.322	0.0549	26.453	0
"2012-03-03	00:00:00"	8.7694	3.4891	39.895	34.066	0.08204	26.477	0
"2012-03-03	01:00:00"	9.9544	0.89928	37.344	57.272	0.06932	26.491	0
"2012-03-03	02:00:00"	8.0952	1.367	35.112	70.708	0.0797	26.509	0
"2012-03-03	03:00:00"	6.4647	341.62	32.867	75.459	0.05215	26.527	0
"2012-03-03	04:00:00"	5.6694	345.95	30.881	80.862	0.0708	26.524	0
"2012-03-03	05:00:00"	8.8191	337.98	31.015	80.909	0.08797	26.527	0
"2012-03-03	06:00:00"	9.8301	336.51	29.696	81.328	0.07695	26.55	0
"2012-03-03	07:00:00"	8.0561	335.33	28.372	82.534	0.07716	26.571	0
"2012-03-03	08:00:00"	8.3245	332.63	28.033	82.101	62.173	26.598	0
"2012-03-03	09:00:00"	9.5983	322.98	32.494	72.641	301.45	26.621	0
"2012-03-03	10:00:00"	9.9842	328.46	39.256	55.581	540.73	26.63	0
"2012-03-03	11:00:00"	9.0472	323.56	44.019	36.042	734.32	26.624	0
"2012-03-03	12:00:00"	7.3185	294.22	46.943	28.468	864.5	26.609	0
"2012-03-03	13:00:00"	10.601	303.12	49.391	23.423	925.02	26.589	0
"2012-03-03	14:00:00"	14.083	311.23	51.341	19.103	911.33	26.568	0
"2012-03-03	15:00:00"	14.014	307.81	52.698	14.131	825.02	26.553	0
"2012-03-03	16:00:00"	16.172	308.64	55.291	11.064	674.05	26.536	0
"2012-03-03	17:00:00"	14.644	307.9	57.326	10.314	464.29	26.533	0
"2012-03-03	18:00:00"	13.471	319.9	57.858	9.98	235.57	26.539	0
"2012-03-03	19:00:00"	8.4917	321.87	56.073	10.648	50.181	26.556	0
"2012-03-03	20:00:00"	3.5816	318.28	50.683	12.777	0.13863	26.568	0
"2012-03-03	21:00:00"	1.9611	222.59	44.818	15.744	0.09391	26.589	0
"2012-03-03	22:00:00"	2.3165	296.49	43.802	16.133	0.07504	26.609	0
"2012-03-03	23:00:00"	3.1062	277.08	43.763	15.457	0.06741	26.601	0
"2012-03-04	00:00:00"	3.2274	286.28	42.142	15.987	0.06868	26.595	0
"2012-03-04	01:00:00"	1.9145	221.9	39.753	17.497	0.07907	26.583	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-04	02:00:00"	2.1176	230.68	39.462	17.448	0.09899	26.571	0
"2012-03-04	03:00:00"	1.8952	206.4	37.417	18.993	0.07313	26.556	0
"2012-03-04	04:00:00"	2.5837	292.62	36.295	20.63	0.07886	26.545	0
"2012-03-04	05:00:00"	5.066	307.57	38.013	21.775	0.08394	26.539	0
"2012-03-04	06:00:00"	4.0805	291.32	37.482	23.2	0.08204	26.545	0
"2012-03-04	07:00:00"	2.7415	245.6	35.476	25.132	0.10196	26.553	0
"2012-03-04	08:00:00"	2.3892	279.34	32.92	28.377	71.153	26.574	0
"2012-03-04	09:00:00"	3.7102	255.76	38.883	24.967	309.33	26.589	0
"2012-03-04	10:00:00"	6.6922	297.27	49.872	17.652	545.52	26.598	0
"2012-03-04	11:00:00"	7.0122	285.43	60.091	12.825	734.59	26.586	0
"2012-03-04	12:00:00"	7.2427	287.87	65.76	10.808	863.99	26.58	0
"2012-03-04	13:00:00"	9.0832	276.82	68.481	10.306	925.91	26.556	0
"2012-03-04	14:00:00"	10.555	272.45	70.67	9.5694	909.2	26.527	0
"2012-03-04	15:00:00"	9.7717	292.35	71.65	9.3914	822.02	26.512	0
"2012-03-04	16:00:00"	9.2348	299.23	72.351	9.2961	669.46	26.509	0
"2012-03-04	17:00:00"	6.6499	298.23	72.572	9.1892	463.65	26.509	0
"2012-03-04	18:00:00"	5.9074	343.29	71.537	10.118	233	26.518	0
"2012-03-04	19:00:00"	7.2738	29.493	65.697	14.059	49.834	26.533	0
"2012-03-04	20:00:00"	6.5418	47.906	57.442	18.317	0.16259	26.556	0
"2012-03-04	21:00:00"	6.5219	57.963	52.856	22.187	0.07123	26.571	0
"2012-03-04	22:00:00"	6.9587	56.34	49.015	24.366	0.09581	26.589	0
"2012-03-04	23:00:00"	7.7982	60.078	46.779	26.496	0.06423	26.601	0
"2012-03-05	00:00:00"	8.2214	49.005	43.344	30.663	0.07737	26.601	0
"2012-03-05	01:00:00"	7.6727	60.634	43.84	31.607	0.0814	26.604	0
"2012-03-05	02:00:00"	7.1706	46.478	40.409	35.834	0.08182	26.604	0
"2012-03-05	03:00:00"	7.8268	42.915	39.83	36.707	0.06169	26.598	0
"2012-03-05	04:00:00"	6.9028	39.96	37.965	39.123	0.06275	26.595	0
"2012-03-05	05:00:00"	5.9558	36.323	37.286	40.738	0.07716	26.598	0
"2012-03-05	06:00:00"	6.0608	26.455	37.237	41.536	0.07737	26.612	0
"2012-03-05	07:00:00"	5.8048	19.217	36.808	42.292	0.08034	26.618	0
"2012-03-05	08:00:00"	6.1373	21.075	36.679	42.951	61.461	26.633	0
"2012-03-05	09:00:00"	5.7738	54.388	45.251	33.531	303.69	26.654	0
"2012-03-05	10:00:00"	6.0093	117.62	54.662	22.944	543.65	26.663	0
"2012-03-05	11:00:00"	6.3479	132.19	59.556	19.115	734.25	26.657	0
"2012-03-05	12:00:00"	7.1948	157.14	63.989	16.307	866.56	26.645	0
"2012-03-05	13:00:00"	9.0478	166.69	67.845	14.229	928.34	26.615	0
"2012-03-05	14:00:00"	10.983	179.09	71.719	11.851	914.38	26.577	0
"2012-03-05	15:00:00"	14.603	192.91	73.872	9.1175	830.7	26.542	0
"2012-03-05	16:00:00"	15.56	195.42	74.59	7.6408	678.63	26.518	0
"2012-03-05	17:00:00"	14.547	192.68	74.783	7.2892	476.09	26.5	0
"2012-03-05	18:00:00"	13.719	196.27	74.073	7.47	224.48	26.488	0
"2012-03-05	19:00:00"	7.4484	181.96	69.338	9.6914	37.607	26.488	0
"2012-03-05	20:00:00"	9.2435	160.05	64.035	15.725	0.09857	26.5	0
"2012-03-05	21:00:00"	10.459	154.51	60.694	22.179	0.07186	26.503	0
"2012-03-05	22:00:00"	12.756	166.18	60.158	32.543	0.08458	26.512	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-05	23:00:00"	13.4	176.63	58.567	40.375	0.07568	26.503	0
"2012-03-06	00:00:00"	14.152	182.06	57.41	42.832	0.07334	26.485	0
"2012-03-06	01:00:00"	11.172	182.35	55.892	44.145	0.06911	26.474	0
"2012-03-06	02:00:00"	8.2283	193.81	53.407	48.231	0.06317	26.459	0
"2012-03-06	03:00:00"	5.8999	215.02	50.164	53.181	0.06911	26.447	0
"2012-03-06	04:00:00"	7.6255	198.6	50.427	55.55	0.07101	26.415	0
"2012-03-06	05:00:00"	7.9069	198.43	49.957	58.096	0.07992	26.409	0
"2012-03-06	06:00:00"	6.0167	202.6	47.566	64.547	0.0778	26.409	0
"2012-03-06	07:00:00"	5.9913	200.56	46.02	70.621	0.06508	26.412	0
"2012-03-06	08:00:00"	3.5368	219.3	43.298	78.087	19.846	26.412	0
"2012-03-06	09:00:00"	6.0925	212.77	45.892	79.302	212.5	26.415	0
"2012-03-06	10:00:00"	12.397	187.89	54.856	63.22	531.39	26.412	0
"2012-03-06	11:00:00"	13.453	187.89	60.344	50.032	733.79	26.403	0
"2012-03-06	12:00:00"	14.818	184.83	64.224	42.021	869.18	26.388	0
"2012-03-06	13:00:00"	15.74	178.61	68.486	34.655	921.52	26.353	0
"2012-03-06	14:00:00"	16.718	186.09	72.1	26.222	896.25	26.302	0
"2012-03-06	15:00:00"	16.421	191.35	74.412	22.046	802.32	26.279	0
"2012-03-06	16:00:00"	16.478	185.75	74.615	22.961	654.06	26.249	0
"2012-03-06	17:00:00"	16.892	175.34	73.364	27.116	459.58	26.243	0
"2012-03-06	18:00:00"	18.537	167.75	69.521	35.297	233.09	26.234	0
"2012-03-06	19:00:00"	17.636	158.98	62.939	50.234	46.106	26.249	0
"2012-03-06	20:00:00"	14.789	165.2	58.782	59.06	0.18675	26.261	0
"2012-03-06	21:00:00"	13.728	171.92	56.86	65.51	0.05066	26.267	0
"2012-03-06	22:00:00"	12.138	171.71	55.563	68.752	0.0602	26.282	0
"2012-03-06	23:00:00"	13.494	178.31	55.82	66.895	0.07377	26.279	0
"2012-03-07	00:00:00"	12.994	183.33	55.73	65.814	0.08119	26.267	0
"2012-03-07	01:00:00"	12.331	189.01	55.053	66.569	0.06041	26.258	0
"2012-03-07	02:00:00"	17.896	181.73	55.985	65.847	0.06465	26.255	0
"2012-03-07	03:00:00"	15.763	177.87	55.327	67.951	0.07674	26.249	0
"2012-03-07	04:00:00"	13.803	182.2	54.862	72.03	0.05978	26.232	0
"2012-03-07	05:00:00"	12.301	183.55	52.876	77.893	0.08755	26.24	0
"2012-03-07	06:00:00"	10.424	186.15	51.194	83.544	0.07864	26.249	0
"2012-03-07	07:00:00"	11.454	180.95	49.833	88.912	0.12867	26.255	0
"2012-03-07	08:00:00"	11.768	181.54	49.356	92.632	66.893	26.267	0
"2012-03-07	09:00:00"	14.365	180.15	52.774	87.911	286.75	26.291	0
"2012-03-07	10:00:00"	15.074	186.28	58.392	70.319	547.01	26.302	0
"2012-03-07	11:00:00"	13.251	188.94	63.524	55.151	730.52	26.308	0
"2012-03-07	12:00:00"	12.587	200.14	68.374	39.072	860.65	26.294	0
"2012-03-07	13:00:00"	13.775	220.66	73.314	25.336	922.64	26.267	0
"2012-03-07	14:00:00"	14.74	200.96	76.492	20.232	906.36	26.229	0
"2012-03-07	15:00:00"	16.757	208.8	79.74	13.634	823.67	26.205	0
"2012-03-07	16:00:00"	16.816	201.17	80.432	12.19	660.79	26.193	0
"2012-03-07	17:00:00"	19.708	228.5	81.575	8.0775	467.43	26.181	0
"2012-03-07	18:00:00"	17.353	228.27	81.304	6.7822	273.13	26.178	0
"2012-03-07	19:00:00"	12.275	206.89	78.398	6.7492	52.984	26.187	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-07	20:00:00"	5.8788	143.76	70.255	16.596	0.09836	26.205	0
"2012-03-07	21:00:00"	8.6165	127.31	67.794	38.98	0.05236	26.234	0
"2012-03-07	22:00:00"	15.384	168.14	66.134	52.963	0.06296	26.261	0
"2012-03-07	23:00:00"	10.869	194.72	63.934	62.106	0.06868	26.299	0
"2012-03-08	00:00:00"	6.5318	199.46	62.997	65.844	0.08225	26.302	0
"2012-03-08	01:00:00"	3.3604	220.08	61.266	70.312	0.08479	26.302	0
"2012-03-08	02:00:00"	1.7181	249	59.532	74.485	0.06571	0.02628	0
"2012-03-08	03:00:00"	1.605	282.99	58.142	78.48	0.07271	26.308	0
"2012-03-08	04:00:00"	2.5551	23.926	56.125	83.985	0.06911	26.314	0
"2012-03-08	05:00:00"	5.1978	359.84	52.977	88.291	0.06105	26.341	0
"2012-03-08	06:00:00"	19.453	8.8746	42.926	64.896	0.07038	26.379	0
"2012-03-08	07:00:00"	20.986	16.951	41.175	64.329	0.07928	0.264	0
"2012-03-08	08:00:00"	25.228	24.218	42.452	61.259	21.079	26.447	0
"2012-03-08	09:00:00"	31.862	33.775	41.224	69.275	82.629	26.509	0
"2012-03-08	10:00:00"	31.224	35.266	38.966	72.882	128.81	26.553	0
"2012-03-08	11:00:00"	30.738	37.129	40.522	62.08	347.97	26.583	0
"2012-03-08	12:00:00"	31.12	42.058	41.949	54.404	461.04	26.595	0
"2012-03-08	13:00:00"	27.96	40.562	43.701	45.133	445.58	26.636	0
"2012-03-08	14:00:00"	23.689	35.878	43.028	45.333	135.18	26.645	0
"2012-03-08	15:00:00"	20.38	48.367	41.714	51.688	109.95	26.651	0
"2012-03-08	16:00:00"	20.807	52.306	39.414	64.115	161.89	26.68	0
"2012-03-08	17:00:00"	19.485	44.672	37.543	63.693	114.88	26.707	0
"2012-03-08	18:00:00"	18.251	37.655	35.531	73.507	109.73	26.725	0
"2012-03-08	19:00:00"	17.75	39.066	34.925	77.073	15.111	26.751	0
"2012-03-08	20:00:00"	15.374	43.101	35.037	77.452	0.07377	26.79	0
"2012-03-08	21:00:00"	16.084	51.727	35.005	77.307	0.06868	26.81	0
"2012-03-08	22:00:00"	13.407	37.835	34.931	77.546	0.06805	26.831	0
"2012-03-08	23:00:00"	14.254	21.92	34.75	77.566	0.05575	26.834	0
"2012-03-09	00:00:00"	15.329	23.599	34.54	74.922	0.05448	26.825	0
"2012-03-09	00:00:00"	17.448	18	34.52	74.1	0	26.822	0
"2012-03-09	01:00:00"	13.673	16.857	34.826	72.476	0.06275	26.834	0
"2012-03-09	02:00:00"	8.5849	20.65	35.371	71.484	0.06444	26.852	0
"2012-03-09	03:00:00"	9.9475	27.906	34.855	70.383	0.07631	26.843	0
"2012-03-09	04:00:00"	9.7481	21.181	34.215	72.8	0.07462	26.828	0
"2012-03-09	05:00:00"	11.822	19.491	34.373	70.293	0.07229	26.828	0
"2012-03-09	06:00:00"	13.96	24.553	33.807	69	0.07992	26.843	0
"2012-03-09	07:00:00"	12.053	24.935	33.372	71.379	0.06868	26.84	0
"2012-03-09	08:00:00"	11.753	26.622	33.215	72.917	3.9475	26.846	0
"2012-03-09	09:00:00"	11.191	31.159	34.428	66.704	42.915	26.863	0
"2012-03-09	10:00:00"	12.92	30.779	34.772	68.958	71.86	0	0
"2012-03-09	11:00:00"	14.9	14.217	34.401	68.4	108.26	26.846	0
"2012-03-09	12:00:00"	15.74	42.565	35.433	58.126	176.74	26.849	0
"2012-03-09	13:00:00"	15.897	37.128	34.873	61.173	203.95	26.819	0
"2012-03-09	14:00:00"	15.554	40.51	36.616	52.86	251.69	26.796	0
"2012-03-09	15:00:00"	15.351	46.89	35.75	58.386	206.71	26.787	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-09	16:00:00"	12.755	34.885	34.409	70.387	164.18	26.757	0
"2012-03-09	17:00:00"	11.705	46.312	36.799	60.367	127.65	26.748	0
"2012-03-09	18:00:00"	10.099	46.287	37.337	61.121	72.894	26.739	0
"2012-03-09	19:00:00"	8.6526	39.845	36.225	73.492	20.038	0.02717	0
"2012-03-09	20:00:00"	9.968	43.324	37.439	62.799	0.10747	0.00266	0
"2012-03-09	21:00:00"	10.869	55.525	36.971	65.646	0.06296	26.734	0
"2012-03-09	22:00:00"	10.744	62.623	37.048	66.283	0.08691	26.728	0
"2012-03-09	23:00:00"	9.3218	58.772	35.162	83.073	0.07292	26.728	0
"2012-03-10	00:00:00"	6.9904	48.215	34.011	93.516	0.07292	26.719	0
"2012-03-10	01:00:00"	6.8463	69.5	34.326	94.104	0.08882	26.701	0
"2012-03-10	02:00:00"	10.67	73.555	34.316	93.845	0.08225	26.672	0
"2012-03-10	03:00:00"	9.2118	78.767	34.072	93.355	0.06402	26.657	0
"2012-03-10	04:00:00"	7.2812	79.106	33.766	92.996	0.09009	26.633	0
"2012-03-10	05:00:00"	6.2597	70.298	33.565	94.365	0.06699	26.621	0
"2012-03-10	06:00:00"	6.479	73.451	33.49	94.358	0.05236	26.609	0
"2012-03-10	07:00:00"	6.566	69.342	33.656	94.63	0.05215	26.612	0
"2012-03-10	08:00:00"	6.1	81.184	34.053	94.267	5.8121	26.612	0
"2012-03-10	09:00:00"	4.9567	93.115	34.333	93.909	19.021	26.615	0
"2012-03-10	10:00:00"	4.5397	85.982	34.444	94.084	33.887	26.612	0
"2012-03-10	11:00:00"	7.966	79.668	35.36	92.654	145.33	26.568	0
"2012-03-10	12:00:00"	9.4405	94.742	36.345	90.376	169.79	26.574	0
"2012-03-10	13:00:00"	5.9776	114.97	36.454	89.462	89.145	26.55	0
"2012-03-10	14:00:00"	5.4184	104.58	36.434	91.886	108.72	26.518	0
"2012-03-10	15:00:00"	4.6677	105.52	36.962	90.669	123.29	26.488	0
"2012-03-10	16:00:00"	3.5723	63.061	37.467	89.247	91.987	26.477	0
"2012-03-10	17:00:00"	2.209	346.68	37.777	89.781	73.164	26.468	0
"2012-03-10	18:00:00"	4.0122	56.042	38.398	89.1	67.044	26.474	0
"2012-03-10	19:00:00"	3.2858	26.855	38.472	89.086	11.572	26.485	0
"2012-03-10	20:00:00"	1.743	32.507	38.614	88.376	0.11638	26.488	0
"2012-03-10	21:00:00"	2.519	9.1143	38.794	87.718	0.06805	26.494	0
"2012-03-10	22:00:00"	2.9994	1.6907	38.84	86.559	0.0903	26.5	0
"2012-03-10	23:00:00"	3.2554	228.17	38.767	84.271	0.08034	26.506	0
"2012-03-11	00:00:00"	3.8941	243.68	38.769	84.319	0.06762	26.5	0
"2012-03-11	01:00:00"	4.7404	227.27	38.33	84.09	0.07525	26.491	0
"2012-03-11	02:00:00"	3.3523	198.79	34.746	89.121	0.07652	26.465	0
"2012-03-11	03:00:00"	4.6342	180.02	32.812	91.559	0.07949	26.447	0
"2012-03-11	04:00:00"	2.9876	226.69	31.498	92.95	0.08458	26.42	0
"2012-03-11	05:00:00"	3.0609	230.23	30.056	94.548	0.08458	26.418	0
"2012-03-11	06:00:00"	3.9401	214.26	30.033	94.279	0.08161	26.415	0
"2012-03-11	07:00:00"	4.4484	213.6	29.071	93.41	0.23996	26.415	0
"2012-03-11	08:00:00"	5.7806	216.69	30.694	93.388	88.482	26.415	0
"2012-03-11	09:00:00"	9.433	217.5	35.649	90.629	339.66	26.429	0
"2012-03-11	10:00:00"	13.229	226.36	42.381	73.856	563.7	26.429	0
"2012-03-11	11:00:00"	14.979	232.38	49.854	53.693	749.16	26.415	0
"2012-03-11	12:00:00"	15.075	232.05	56.61	38.041	878.46	26.403	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-11	13:00:00"	16.961	239.15	62.008	28.909	939.47	26.382	0
"2012-03-11	14:00:00"	18.461	249.59	66.346	22.595	923.57	26.356	0
"2012-03-11	15:00:00"	17.832	242.19	69.549	18.614	835.64	26.332	0
"2012-03-11	16:00:00"	19.22	260.44	71.062	16.027	684.44	26.326	0
"2012-03-11	17:00:00"	18.422	270.76	70.85	15.096	480.03	26.329	0
"2012-03-11	18:00:00"	17.174	258.66	70.565	14.416	248.37	26.332	0
"2012-03-11	19:00:00"	14.035	258.82	67.392	15.309	45.228	26.344	0
"2012-03-11	20:00:00"	10.881	253.99	64.388	17.264	0.32602	26.361	0
"2012-03-11	21:00:00"	13.284	256.15	61.101	20.029	0.07886	26.376	0
"2012-03-11	22:00:00"	8.7079	242.87	56.665	23.236	0.06614	26.388	0
"2012-03-11	23:00:00"	2.7291	222.84	50.432	28.557	0.06041	26.394	0
"2012-03-12	01:00:00"	4.221	279.4	50.916	28.661	0.06614	26.406	0
"2012-03-12	02:00:00"	5.0275	270.77	48.85	30.459	0.07589	26.4	0
"2012-03-12	03:00:00"	4.3763	276.16	46.416	33.451	0.092	2.7788	0
"2012-03-12	04:00:00"	4.4478	272.13	45.527	34.437	0.06338	26.409	0
"2012-03-12	05:00:00"	5.2773	261.92	42.417	38.75	0.08034	26.412	0
"2012-03-12	06:00:00"	5.5488	272.41	45.013	34.528	0.06296	26.418	0
"2012-03-12	07:00:00"	5.1797	270.61	45.175	32.987	0.07737	26.432	0
"2012-03-12	08:00:00"	4.1905	262.68	39.921	40.566	0.47844	26.453	0
"2012-03-12	09:00:00"	2.4619	287.5	42.583	36.401	85.784	26.48	0
"2012-03-12	10:00:00"	3.9028	260.57	50.65	28.518	292.16	26.509	0
"2012-03-12	11:00:00"	9.0062	269.35	59.717	20.919	500.09	0	0
"2012-03-12	12:00:00"	10.6	268.62	64.369	16.481	583.49	26.53	0
"2012-03-12	13:00:00"	9.0925	284.52	68.125	13.813	717.08	26.53	0
"2012-03-12	14:00:00"	9.1124	274.38	71.321	10.999	691.91	26.512	0
"2012-03-12	15:00:00"	8.496	269.38	72.395	9.1256	624.94	26.494	0
"2012-03-12	16:00:00"	8.9154	258.38	73.049	8.5622	459.64	26.48	0
"2012-03-12	17:00:00"	10.282	264.52	74.879	7.827	633.49	26.468	0
"2012-03-12	18:00:00"	10.199	275.75	75.579	6.4553	363.44	26.462	0
"2012-03-12	19:00:00"	5.2301	279.12	76.676	6.7686	269.15	26.462	0
"2012-03-12	20:00:00"	2.877	50.192	73.352	8.1789	57.87	0.00236	0
"2012-03-12	21:00:00"	4.1017	47.831	67.303	10.513	0.23085	26.477	0
"2012-03-12	22:00:00"	4.3036	65.872	65.526	10.783	0.0549	26.483	0
"2012-03-12	23:00:00"	3.8202	62.654	61.083	12.793	0.05299	26.494	0
"2012-03-13	00:00:00"	1.8244	147.97	57.023	13.905	0.06275	26.497	0
"2012-03-13	01:00:00"	2.2997	321.97	57.126	13.843	0.0831	26.5	0
"2012-03-13	02:00:00"	2.1642	212.36	56.571	14.158	0.06508	26.503	0
"2012-03-13	03:00:00"	3.087	208.59	54.31	20.148	0.06889	26.497	0
"2012-03-13	04:00:00"	2.9801	227.28	55.122	28.678	0.05236	26.491	0
"2012-03-13	05:00:00"	3.622	260.32	53.778	40.51	0.05957	26.483	0
"2012-03-13	06:00:00"	2.8751	270.81	52.825	53.49	0.06147	26.477	0
"2012-03-13	07:00:00"	2.9602	284.55	52.693	64.58	0.0778	26.483	0
"2012-03-13	08:00:00"	2.4644	281.59	49.532	73.961	0.18993	26.491	0
"2012-03-13	09:00:00"	4.198	9.3611	45.853	80.305	44.035	26.5	0
"2012-03-13	10:00:00"	4.2632	68.897	53.349	77.684	237.88	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-13	11:00:00"	9.1081	172.96	59.832	76.867	456.99	26.53	0
"2012-03-13	12:00:00"	8.1033	180.33	61.833	71.497	419.73	26.524	0
"2012-03-13	13:00:00"	4.9225	196.14	65.409	62.23	685.17	26.512	0
"2012-03-13	14:00:00"	5.4674	168.95	71.525	41.544	856.49	26.488	0
"2012-03-13	15:00:00"	5.8459	163.43	75.775	28.332	911.39	26.456	0
"2012-03-13	16:00:00"	7.7622	160.9	78.341	22.534	826.92	26.426	0
"2012-03-13	17:00:00"	8.3015	168.14	79.721	18.704	670.88	26.418	0
"2012-03-13	18:00:00"	8.9086	162.3	80.245	20.59	468.21	26.403	0
"2012-03-13	19:00:00"	9.5287	160.78	79.769	19.548	245.55	26.4	0
"2012-03-13	20:00:00"	5.5998	164.23	75.395	18.464	46.031	26.406	0
"2012-03-13	21:00:00"	5.0617	145.11	67.669	25.871	0.26773	26.42	0
"2012-03-13	22:00:00"	12.606	156.47	66.575	57.027	0.0566	26.444	0
"2012-03-13	23:00:00"	12.49	158.8	62.663	73.898	0.06338	26.453	0
"2012-03-14	00:00:00"	8.9415	154.88	59.092	83.683	0.0778	26.462	0
"2012-03-14	01:00:00"	7.613	165.07	57.429	89.881	0.05299	26.453	0
"2012-03-14	02:00:00"	8.6669	172.4	57.753	92.943	0.06402	26.441	0
"2012-03-14	03:00:00"	11.631	166.65	58.688	93.41	0.07652	26.432	0
"2012-03-14	04:00:00"	8.1443	183.79	58.192	94.602	0.06995	26.429	0
"2012-03-14	05:00:00"	9.4218	193.13	58.147	95.035	0.06126	26.42	0
"2012-03-14	06:00:00"	6.9053	210.78	57.68	95.697	0.07546	26.429	0
"2012-03-14	07:00:00"	6.9507	203.61	57.879	95.73	0.06211	26.444	0
"2012-03-14	08:00:00"	7.357	198.57	57.59	95.57	0.16407	26.462	0
"2012-03-14	09:00:00"	7.9523	199.24	57.132	95.666	10.556	26.48	0
"2012-03-14	10:00:00"	6.9948	198.49	57.024	96.006	53.31	26.494	0
"2012-03-14	11:00:00"	4.7529	221.15	57.598	95.936	99.344	26.518	0
"2012-03-14	12:00:00"	3.6847	239.25	59.333	90.385	306.34	26.512	0
"2012-03-14	13:00:00"	3.2342	319.8	63.397	75.173	640.65	26.506	0
"2012-03-14	14:00:00"	3.7475	171.22	70.612	48.654	837.81	26.485	0
"2012-03-14	15:00:00"	5.0716	208.23	76.246	29.209	841.12	26.462	0
"2012-03-14	16:00:00"	6.118	229.11	79.059	21.698	811.16	26.441	0
"2012-03-14	17:00:00"	6.6859	229.63	80.05	16.288	590.08	26.429	0
"2012-03-14	18:00:00"	7.9169	209.43	81.244	14.055	488.28	26.423	0
"2012-03-14	19:00:00"	8.4221	183.37	80.023	19.271	254.12	26.426	0
"2012-03-14	20:00:00"	7.4564	177.38	76.343	23.577	58.424	26.435	0
"2012-03-14	21:00:00"	6.1062	160.17	67.109	27.939	0.44643	26.45	0
"2012-03-14	22:00:00"	8.0741	167.27	65.56	28.658	0.06487	26.468	0
"2012-03-14	23:00:00"	8.7781	159.15	62.671	50.451	0.06953	26.485	0
"2012-03-15	00:00:00"	10.376	170.07	61.878	77.342	0.05957	26.491	0
"2012-03-15	01:00:00"	11.889	179.49	61.368	83.391	0.04897	26.488	0
"2012-03-15	02:00:00"	5.8148	198.49	57.884	89.07	0.06868	26.491	0
"2012-03-15	03:00:00"	3.1945	207.23	55.164	93.982	0.07546	26.491	0
"2012-03-15	04:00:00"	2.0928	212.72	54.044	95.424	0.06868	26.485	0
"2012-03-15	05:00:00"	1.5572	269.29	52.245	95.506	0.06147	26.477	0
"2012-03-15	06:00:00"	1.7896	288.4	50.338	95.518	0.0655	26.48	0
"2012-03-15	07:00:00"	5.0785	284.03	48.947	95.804	0.08479	26.494	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-15	08:00:00"	4.9082	271.6	50.938	96.068	0.36503	26.509	0
"2012-03-15	09:00:00"	4.285	256.69	51.44	95.948	32.943	26.518	0
"2012-03-15	10:00:00"	5.6476	223.98	53.501	96.074	145	26.536	0
"2012-03-15	11:00:00"	6.4188	212.82	55.573	95.921	327.81	26.553	0
"2012-03-15	12:00:00"	4.9747	251.67	59.684	87.603	589.22	26.553	0
"2012-03-15	13:00:00"	6.3759	259.31	69.58	42.136	853.84	26.545	0
"2012-03-15	14:00:00"	5.4078	262.35	75.58	17.256	752.11	26.521	0
"2012-03-15	15:00:00"	7.1607	245.13	79.068	10.352	707.01	26.494	0
"2012-03-15	16:00:00"	8.2866	204.54	80.627	12.36	567.23	26.471	0
"2012-03-15	17:00:00"	10.368	206.52	80.3	12.103	377.25	26.465	0
"2012-03-15	18:00:00"	13.395	205.08	79.998	12.635	298.86	26.465	0
"2012-03-15	19:00:00"	9.9376	202.73	79.129	12.008	149.48	26.462	0
"2012-03-15	20:00:00"	7.4496	199.76	76.672	10.071	32.977	26.468	0
"2012-03-15	21:00:00"	3.0547	243.28	73.575	10.587	0.23381	26.474	0
"2012-03-15	22:00:00"	4.1383	255.52	72.257	9.5186	0.05257	26.488	0
"2012-03-15	23:00:00"	7.0656	199.06	70.435	21.104	0.08649	26.506	0
"2012-03-16	00:00:00"	13.205	182.11	64.165	74.892	0.07038	26.5	0
"2012-03-16	01:00:00"	10.459	185.64	62.411	82.028	0.06593	26.494	0
"2012-03-16	02:00:00"	10.46	186.61	62.094	82.739	0.06889	26.48	0
"2012-03-16	03:00:00"	9.9898	190.45	61.286	83.643	0.08988	26.468	0
"2012-03-16	04:00:00"	7.6205	192.3	59.226	87.562	0.05109	26.45	0
"2012-03-16	05:00:00"	5.8877	194.7	57.454	91.575	0.07546	26.435	0
"2012-03-16	06:00:00"	3.3349	204.84	55.687	93.846	0.07652	26.435	0
"2012-03-16	07:00:00"	4.6392	207.28	56.052	93.015	0.05088	26.447	0
"2012-03-16	08:00:00"	4.0327	227.92	54.953	93.252	0.34044	26.459	0
"2012-03-16	09:00:00"	5.1494	200.81	54.531	95.425	67.499	26.465	0
"2012-03-16	10:00:00"	9.1012	193.58	59.225	90.738	348.23	26.468	0
"2012-03-16	11:00:00"	10.105	191.34	65.481	72.801	572.89	26.474	0
"2012-03-16	12:00:00"	10.107	187.6	70.949	52.826	768.28	26.465	0
"2012-03-16	13:00:00"	10.035	195.64	75.526	40.519	905.36	26.456	0
"2012-03-16	14:00:00"	9.1776	218.44	79.449	28.359	951.89	26.429	0
"2012-03-16	15:00:00"	9.822	213.99	81.697	22.852	861.49	26.388	0
"2012-03-16	16:00:00"	11.04	195.33	83.028	20.816	777.35	26.364	0
"2012-03-16	17:00:00"	12.411	177.33	82.42	28.039	647.46	26.344	0
"2012-03-16	18:00:00"	12.951	170.03	79.549	33.284	247.95	26.344	0
"2012-03-16	19:00:00"	13.363	167.23	76.379	43.093	114.15	26.338	0
"2012-03-16	20:00:00"	16.009	160.03	71.968	55.93	59.459	26.35	0
"2012-03-16	21:00:00"	11.816	160.45	66.726	67.103	0.6105	26.361	0
"2012-03-16	22:00:00"	11.909	162.29	63.706	76.36	0.07504	26.379	0
"2012-03-16	23:00:00"	7.367	172.51	60.763	84.826	0.0619	26.388	0
"2012-03-17	00:00:00"	5.9956	184.32	59.018	89.951	0.0708	26.394	0
"2012-03-17	01:00:00"	7.1712	187.82	59.134	90.454	0.06275	26.391	0
"2012-03-17	02:00:00"	5.711	197.78	58.262	91.262	0.05766	26.379	0
"2012-03-17	03:00:00"	4.9424	195.11	57.277	91.814	0.0708	26.367	0
"2012-03-17	04:00:00"	3.3262	239.82	55.306	94.889	0.06508	26.356	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-17	05:00:00"	2.2276	221.94	51.446	94.964	0.06508	26.347	0
"2012-03-17	06:00:00"	2.6085	71.152	49.891	95.842	0.07504	26.353	0
"2012-03-17	07:00:00"	2.8676	235.31	49.89	95.93	0.08034	26.364	0
"2012-03-17	08:00:00"	3.3343	232.44	48.385	95.97	0.46572	26.37	0
"2012-03-17	09:00:00"	6.5753	215.84	52.725	96.379	64.352	26.388	0
"2012-03-17	10:00:00"	9.8798	207.05	56.048	96.434	172.88	26.4	0
"2012-03-17	11:00:00"	11.203	213.22	58.901	93.272	436.49	26.409	0
"2012-03-17	12:00:00"	8.3574	218.51	65.422	65.394	624.15	26.403	0
"2012-03-17	13:00:00"	9.4622	225.2	73.076	35.257	904.09	26.385	0
"2012-03-17	14:00:00"	13.538	244.27	79.363	15.874	962.61	26.347	0
"2012-03-17	15:00:00"	14.412	240.66	81.727	9.5503	813.96	26.314	0
"2012-03-17	16:00:00"	20.757	235.71	84.249	9.8308	865.42	26.291	0
"2012-03-17	17:00:00"	18.683	232.27	84.504	10.171	674.59	26.273	0
"2012-03-17	18:00:00"	16.835	239.99	84.077	10.657	416.44	26.258	0
"2012-03-17	19:00:00"	16.225	201.98	83.272	11.179	214.22	26.258	0
"2012-03-17	20:00:00"	14.331	199.03	80.832	11.694	74.645	26.261	0
"2012-03-17	21:00:00"	17.76	173.96	73.213	43.404	0.58294	26.285	0
"2012-03-17	22:00:00"	16.153	171.62	66.465	64.347	0.06147	26.299	0
"2012-03-17	23:00:00"	15.058	159.66	62.701	74.124	0.06211	26.308	0
"2012-03-18	00:00:00"	13.898	159.99	61.034	82.205	0.05511	26.32	0
"2012-03-18	01:00:00"	14.254	165.78	60.927	85.765	0.07737	26.296	0
"2012-03-18	02:00:00"	11.725	166.04	60.516	87.268	0.06423	26.282	0
"2012-03-18	03:00:00"	14.036	165.05	60.938	86.45	0.06444	26.261	0
"2012-03-18	04:00:00"	16.341	167.75	62.174	79.723	0.05851	26.24	0
"2012-03-18	05:00:00"	15.716	178.69	63.667	69.138	0.07165	26.243	0
"2012-03-18	06:00:00"	16.496	173.94	63.508	72.676	0.06041	26.237	0
"2012-03-18	07:00:00"	14.543	173.71	62.044	75.922	0.0867	26.234	0
"2012-03-18	08:00:00"	15.321	181.68	60.974	78.334	0.35379	26.258	0
"2012-03-18	09:00:00"	12.139	184.96	59.568	88.275	63.61	26.276	0
"2012-03-18	10:00:00"	13.347	189.39	62.074	83.279	237.72	26.282	0
"2012-03-18	11:00:00"	15.306	188.72	65.944	68.624	523.09	26.282	0
"2012-03-18	12:00:00"	15.417	196.32	72.551	41.48	798.5	26.273	0
"2012-03-18	13:00:00"	20.955	206.68	78.203	20.896	905.41	26.243	0
"2012-03-18	14:00:00"	22.576	207.71	80.15	14.642	745.96	26.214	0
"2012-03-18	15:00:00"	23.848	214.64	81.371	12.93	725.05	26.19	0
"2012-03-18	16:00:00"	24.447	226.34	81.141	12.857	532.22	26.167	0
"2012-03-18	17:00:00"	23.038	233.67	79.721	13.854	361.22	26.155	0
"2012-03-18	18:00:00"	24.041	226.81	79.521	13.232	337.56	26.146	0
"2012-03-18	19:00:00"	18.581	223.61	78.255	13.078	154.42	26.134	0
"2012-03-18	20:00:00"	14.752	214.97	76.545	13.327	43.878	26.125	0
"2012-03-18	21:00:00"	9.7182	205.15	73.398	14.341	0.12401	26.14	0
"2012-03-18	22:00:00"	14.224	176.02	71.16	48.359	0.06317	26.152	0
"2012-03-18	23:00:00"	8.2058	201.51	65.391	39.956	0.07737	26.158	0
"2012-03-19	00:00:00"	7.8579	255.77	62.406	37.519	0.08818	26.172	0
"2012-03-19	01:00:00"	6.7829	290.9	62.189	29.526	0.08034	26.167	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-19	02:00:00"	4.252	295.12	60.329	30.657	0.06275	26.169	0
"2012-03-19	03:00:00"	6.8077	279.04	59.052	32.493	0.06253	26.155	0
"2012-03-19	04:00:00"	16.811	282.44	57.412	33.385	0.05787	26.137	0
"2012-03-19	05:00:00"	22.148	281.63	52.672	42.374	0.07716	26.11	0
"2012-03-19	06:00:00"	23.178	289.05	50.181	47.488	0.06126	26.128	0
"2012-03-19	07:00:00"	15.906	282.09	48.903	51.484	0.05957	26.169	0
"2012-03-19	08:00:00"	14.807	267.71	49.23	49.333	0.322	26.19	0
"2012-03-19	09:00:00"	11.216	258.5	49.335	49.682	30.976	26.211	0
"2012-03-19	10:00:00"	11.28	293.85	48.741	53.421	34.106	26.226	0
"2012-03-19	11:00:00"	15.025	287.16	46.577	68.115	143.43	26.24	0
"2012-03-19	12:00:00"	13.239	263.6	44.481	78.508	108.61	26.267	0
"2012-03-19	13:00:00"	7.92	237.02	42.222	82.29	39.294	26.258	0
"2012-03-19	14:00:00"	6.9531	132.15	43.083	85.537	215.64	26.22	0
"2012-03-19	15:00:00"	8.2151	182.28	48.334	72.495	963.05	26.184	0
"2012-03-19	16:00:00"	13.034	241.9	55.226	55.159	757.37	26.134	0
"2012-03-19	17:00:00"	15.153	297.8	54.53	52.473	235.75	26.146	0
"2012-03-19	18:00:00"	21.752	279.66	51.27	54.909	251.97	26.143	0
"2012-03-19	19:00:00"	19.628	279.44	49.492	49.671	66.932	26.193	0
"2012-03-19	20:00:00"	16.866	265.52	48.254	45.716	33.982	26.202	0
"2012-03-19	21:00:00"	10.659	270.12	47.592	42.697	0.25544	26.199	0
"2012-03-19	22:00:00"	9.1944	272.74	46.83	44.192	0.06889	26.22	0
"2012-03-19	23:00:00"	5.9844	274.57	46.309	43.772	0.07017	26.214	0
"2012-03-20	00:00:00"	7.5229	251.35	44.562	49.878	0.07822	26.205	0
"2012-03-20	01:00:00"	14.749	258.28	43.443	51.157	0.07758	26.181	0
"2012-03-20	02:00:00"	13.781	268.61	40.847	56.584	0.07313	26.149	0
"2012-03-20	03:00:00"	14.432	279.17	39.546	57.247	0.06911	26.199	0
"2012-03-20	04:00:00"	8.5115	287.06	37.596	60.267	0.07462	26.181	0
"2012-03-20	05:00:00"	4.8573	243.63	33.962	68.546	0.06741	26.184	0
"2012-03-20	06:00:00"	4.518	256.47	32.392	72.357	0.06889	26.172	0
"2012-03-20	07:00:00"	4.0029	246.41	31.064	76.286	0.08013	0	0
"2012-03-20	08:00:00"	3.7587	236.88	30.113	79.27	1.2473	26.22	0
"2012-03-20	09:00:00"	4.2129	221.32	31.484	76.168	128.81	26.223	0
"2012-03-20	10:00:00"	9.904	253.33	38.036	58.982	377.97	26.234	0
"2012-03-20	11:00:00"	15.556	263.13	43.558	42.203	610.32	26.229	0
"2012-03-20	12:00:00"	16.632	276.2	46.758	34.427	705.01	26.226	0
"2012-03-20	13:00:00"	16.466	272.15	48.869	31.168	843.17	26.202	0
"2012-03-20	14:00:00"	16.578	271.19	49.312	31.557	530.6	26.193	0
"2012-03-20	15:00:00"	14.612	273.64	46.706	40.069	368.46	26.169	0
"2012-03-20	16:00:00"	16.244	269.13	50.405	31.628	392.87	26.158	0
"2012-03-20	17:00:00"	19.337	287.39	51.21	31.692	425.16	26.161	0
"2012-03-20	18:00:00"	20.677	275.62	49.622	35.704	293.07	26.178	0
"2012-03-20	19:00:00"	16.343	249.19	49.463	36.685	208.03	26.208	0
"2012-03-20	20:00:00"	14.382	331.35	49.152	31.722	42.118	26.24	0
"2012-03-20	21:00:00"	14.024	323.1	45.591	49.399	0.48564	26.27	0
"2012-03-20	22:00:00"	11.917	335.95	44.379	51.942	0.06953	26.291	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-20	23:00:00"	7.7267	313.81	41.678	59.686	0.0814	26.308	0
"2012-03-21	00:00:00"	11.887	307.83	41.231	62.62	0.0655	26.323	0
"2012-03-21	01:00:00"	13.268	309.7	40.59	69.133	0.08246	26.32	0
"2012-03-21	02:00:00"	12.569	307.64	41.618	65.569	0.06063	26.308	0
"2012-03-21	03:00:00"	11.149	304.58	42.117	63.054	0.09073	26.296	0
"2012-03-21	04:00:00"	11.256	305.85	42.083	59.583	0.05554	26.296	0
"2012-03-21	05:00:00"	12.611	319.95	42.947	53.44	0.08712	26.308	0
"2012-03-21	06:00:00"	12.137	334.32	42.921	53.183	0.0549	26.314	0
"2012-03-21	07:00:00"	11.827	325.31	42.081	54.698	0.07568	26.323	0
"2012-03-21	08:00:00"	9.2634	326.52	39.708	58.968	1.1826	26.317	0
"2012-03-21	09:00:00"	8.5911	321.83	40.806	59.835	55.505	26.341	0
"2012-03-21	10:00:00"	11.072	312.72	42.378	51.098	139.3	26.356	0
"2012-03-21	11:00:00"	13.263	321.04	46.531	42.173	395.66	26.358	0
"2012-03-21	12:00:00"	19.906	340.2	53.848	30.125	487.97	26.358	0
"2012-03-21	13:00:00"	18.649	352.65	55.293	27.825	750.08	26.341	0
"2012-03-21	14:00:00"	15.577	316.39	58.624	22.199	982.57	26.311	0
"2012-03-21	15:00:00"	14.3	317.35	60.653	20.202	977.67	26.288	0
"2012-03-21	16:00:00"	16.722	313.07	62.587	17.956	835.14	26.258	0
"2012-03-21	17:00:00"	19.032	311.56	64.516	14.183	687.27	26.24	0
"2012-03-21	18:00:00"	20.369	334.39	65.029	13.654	389	26.243	0
"2012-03-21	19:00:00"	15.029	45.253	57.988	29.181	120.18	26.276	0
"2012-03-21	20:00:00"	14.525	32.906	55.319	34.135	65.766	26.302	0
"2012-03-21	21:00:00"	12.963	11.091	52.187	37.422	1.6488	26.335	0
"2012-03-21	22:00:00"	5.0524	351.46	49.376	44.447	0.07038	26.338	0
"2012-03-21	23:00:00"	3.64	315.63	48.4	47.061	0.06275	26.341	0
"2012-03-22	00:00:00"	3.3964	256.76	44.263	53.046	0.07207	26.338	0
"2012-03-22	01:00:00"	1.802	238.21	42.196	55.943	0.08797	26.35	0
"2012-03-22	02:00:00"	2.3917	266	40.572	58.77	0.06656	26.347	0
"2012-03-22	03:00:00"	3.1149	241.39	38.981	61.891	0.08352	26.344	0
"2012-03-22	04:00:00"	3.8388	269.35	39.129	60.063	0.07144	26.311	0
"2012-03-22	05:00:00"	5.1549	253.64	38.699	59.645	0.07843	26.279	0
"2012-03-22	06:00:00"	5.0617	273.82	41.712	51.986	0.08204	26.288	0
"2012-03-22	07:00:00"	5.0486	281.9	44.012	46.343	0.0655	26.299	0
"2012-03-22	08:00:00"	3.2355	296.5	42.835	47.661	1.7976	26.305	0
"2012-03-22	09:00:00"	3.9675	250.1	40.018	56.613	134.01	26.326	0
"2012-03-22	10:00:00"	7.1402	253.09	47.427	43.431	378.91	26.335	0
"2012-03-22	11:00:00"	10.859	255.24	57.94	26.62	608.38	26.341	0
"2012-03-22	12:00:00"	12.918	293.53	65.767	18.896	795.53	26.344	0
"2012-03-22	13:00:00"	14.155	323.06	70.012	15.903	921.99	26.338	0
"2012-03-22	14:00:00"	14.148	347.81	72.122	14.064	977.64	26.341	0
"2012-03-22	15:00:00"	13.423	28.112	72.417	14.453	950.15	26.335	0
"2012-03-22	16:00:00"	9.8058	2.7485	72.54	13.856	861.36	26.332	0
"2012-03-22	17:00:00"	6.4337	2.8549	73.649	13.136	706.9	26.326	0
"2012-03-22	18:00:00"	6.5418	27.132	74.05	13.275	504.04	26.323	0
"2012-03-22	19:00:00"	6.7543	51.581	73.6	13.683	273.75	26.329	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-22	20:00:00"	9.3541	77.564	70.331	20.142	76.845	26.344	0
"2012-03-22	21:00:00"	9.7487	74.492	61.083	39.233	1.3147	26.37	0
"2012-03-22	22:00:00"	10.442	80.041	56.25	47.723	0.06571	26.382	0
"2012-03-22	23:00:00"	9.2882	75.179	52.865	53.102	0.05787	26.403	0
"2012-03-23	00:00:00"	8.5177	70.778	49.424	59.304	0.0778	26.426	0
"2012-03-23	01:00:00"	7.5018	74.347	45.828	66.908	0.05787	26.435	0
"2012-03-23	02:00:00"	6.118	92.849	44.902	69.537	0.08564	26.438	0
"2012-03-23	03:00:00"	4.8802	84.74	43.197	73.113	0.06593	26.426	0
"2012-03-23	04:00:00"	4.4161	76.936	41.779	76.532	0.08818	26.426	0
"2012-03-23	05:00:00"	4.1576	44.752	40.945	77.575	0.08034	26.435	0
"2012-03-23	06:00:00"	5.9204	30.129	37.833	82.772	0.08161	26.447	0
"2012-03-23	07:00:00"	7.2849	45.315	37.51	84.268	0.07144	26.456	0
"2012-03-23	08:00:00"	7.838	49.472	37.187	84.954	3.3762	26.471	0
"2012-03-23	09:00:00"	7.4459	62.908	40.559	80.68	147.62	26.491	0
"2012-03-23	10:00:00"	8.3351	100.67	49.158	62.137	391.94	26.506	0
"2012-03-23	11:00:00"	9.0074	115.6	55.295	46.671	621.01	26.506	0
"2012-03-23	12:00:00"	5.8912	149.02	60.048	37.892	805.25	26.494	0
"2012-03-23	13:00:00"	4.9374	181.04	64.88	31.251	930.71	26.483	0
"2012-03-23	14:00:00"	6.0714	259.8	69.863	24.678	983.84	26.468	0
"2012-03-23	15:00:00"	4.5341	263.74	74.043	20.463	960.61	26.444	0
"2012-03-23	16:00:00"	4.9411	266.31	77.473	17.49	867.87	26.423	0
"2012-03-23	17:00:00"	4.7336	249.27	80.028	14.946	713.23	26.406	0
"2012-03-23	18:00:00"	8.0927	259.86	82.303	11.588	511.79	26.391	0
"2012-03-23	19:00:00"	6.1565	258.59	82.431	10.537	282.2	26.391	0
"2012-03-23	20:00:00"	5.5985	105.87	78.094	17.344	81.537	26.391	0
"2012-03-23	21:00:00"	7.0985	66.293	67.609	26.428	1.5691	26.4	0
"2012-03-23	22:00:00"	8.1157	75.773	64.816	29.776	0.06084	26.42	0
"2012-03-23	23:00:00"	7.7733	83.139	60.663	35.758	0.0602	26.438	0
"2012-03-24	00:00:00"	8.0927	98.769	59.137	39.938	0.06974	26.447	0
"2012-03-24	01:00:00"	9.8413	107.83	59.532	41.256	0.07568	26.444	0
"2012-03-24	02:00:00"	9.8415	113.03	58.455	48.87	0.04282	26.447	0
"2012-03-24	03:00:00"	8.8713	113.97	55.928	55.472	0.05766	26.438	0
"2012-03-24	04:00:00"	7.9896	109.95	54.21	62.933	0.06359	26.432	0
"2012-03-24	05:00:00"	7.3229	100.76	52.127	67.374	0.0672	26.426	0
"2012-03-24	06:00:00"	5.7533	94.757	51.422	66.715	0.05957	26.432	0
"2012-03-24	07:00:00"	2.4544	137.08	52.868	59.78	0.06911	26.456	0
"2012-03-24	08:00:00"	0.82083	217.18	50.183	65.075	3.8479	26.468	0
"2012-03-24	09:00:00"	1.2968	260.23	52.461	60.482	151.05	26.48	0
"2012-03-24	10:00:00"	5.7005	228.87	61.484	46.642	394.63	26.494	0
"2012-03-24	11:00:00"	7.7336	242	67.204	39.213	620.57	26.491	0
"2012-03-24	12:00:00"	7.0327	246.51	73.937	29.216	805.39	26.485	0
"2012-03-24	13:00:00"	7.4906	230.65	80.682	16.161	927.49	26.474	0
"2012-03-24	14:00:00"	8.0753	246.9	83.498	12.384	977.46	26.459	0
"2012-03-24	15:00:00"	7.3353	231.77	85.634	11.834	952.05	26.435	0
"2012-03-24	16:00:00"	8.3649	230.31	87.238	10.101	860.54	26.418	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-24	17:00:00"	8.0213	240.36	87.897	9.6811	706.09	26.409	0
"2012-03-24	18:00:00"	10.259	207.13	87.844	10.03	503.4	26.406	0
"2012-03-24	19:00:00"	7.6447	219.22	87.097	9.5158	276.76	26.403	0
"2012-03-24	20:00:00"	5.8713	199.35	84.299	10.05	79.115	26.409	0
"2012-03-24	21:00:00"	5.0406	142.36	75.203	13.928	1.4519	26.415	0
"2012-03-24	22:00:00"	5.9279	127.74	71.408	17.083	0.06232	26.432	0
"2012-03-24	23:00:00"	6.2075	124.05	70.506	16.838	0.05914	26.441	0
"2012-03-25	00:00:00"	6.2	131.84	69.123	17.932	0.06508	26.45	0
"2012-03-25	01:00:00"	6.2007	167.52	65.911	22.263	0.06783	26.45	0
"2012-03-25	02:00:00"	6.9606	169.99	63.285	30.22	0.05215	26.447	0
"2012-03-25	03:00:00"	4.326	179.31	59.621	40.949	0.07504	26.45	0
"2012-03-25	04:00:00"	4.4148	195.95	58.476	50.45	0.05575	26.444	0
"2012-03-25	05:00:00"	3.466	179.3	56.919	62.621	0.06847	26.444	0
"2012-03-25	06:00:00"	4.1259	169.6	55.747	74.098	0.06147	26.447	0
"2012-03-25	07:00:00"	3.5685	135.63	55.989	77.661	0.07483	26.459	0
"2012-03-25	08:00:00"	3.4554	132.72	54.554	82.648	4.3329	26.474	0
"2012-03-25	09:00:00"	2.8863	82.687	56.754	80.909	153.6	26.488	0
"2012-03-25	10:00:00"	7.4428	158.19	64.247	66.885	396.72	26.506	0
"2012-03-25	11:00:00"	8.0337	158.94	68.678	55.394	575.43	26.509	0
"2012-03-25	12:00:00"	10.652	156.16	74.476	42.102	781.54	26.5	0
"2012-03-25	13:00:00"	14.707	166.63	81.231	27.544	908.4	26.483	0
"2012-03-25	14:00:00"	17.721	172.95	84.409	18.235	960.61	26.462	0
"2012-03-25	15:00:00"	16.779	151.08	85.337	16.469	933.66	26.447	0
"2012-03-25	16:00:00"	15.422	152.6	85.718	15.376	845.42	26.418	0
"2012-03-25	17:00:00"	14.634	150.22	86.373	15.187	688.51	26.409	0
"2012-03-25	18:00:00"	13.929	145.56	86.174	15.533	484.1	26.391	0
"2012-03-25	19:00:00"	14.516	136.93	84.479	17.729	224.35	26.388	0
"2012-03-25	20:00:00"	13.99	132.43	81.191	18.919	78.96	26.4	0
"2012-03-25	21:00:00"	10.536	128	75.604	23.676	0.84007	26.415	0
"2012-03-25	22:00:00"	10.294	133.17	71.94	27.122	0.05172	26.435	0
"2012-03-25	23:00:00"	10.404	132.03	68.897	28.259	0.05999	26.45	0
"2012-03-26	00:00:00"	9.5554	129.86	66.156	31.315	0.0672	26.447	0
"2012-03-26	01:00:00"	9.474	133.21	64.314	34.439	0.05787	26.444	0
"2012-03-26	02:00:00"	7.3552	138.41	61.49	38.064	0.05193	26.441	0
"2012-03-26	03:00:00"	8.212	151.34	60.675	39.641	0.07674	26.441	0
"2012-03-26	04:00:00"	8.8825	135.25	60.202	45.826	0.05935	26.432	0
"2012-03-26	05:00:00"	7.9927	150.51	58.966	53.472	0.05999	26.435	0
"2012-03-26	06:00:00"	8.8819	165.02	59.27	62.568	0.05702	26.435	0
"2012-03-26	07:00:00"	13.124	140.31	59.457	68.762	0.05723	26.432	0
"2012-03-26	08:00:00"	9.4417	138.53	57.852	76.894	4.6019	26.438	0
"2012-03-26	09:00:00"	8.4419	145.6	57.113	79.181	75.384	26.45	0
"2012-03-26	10:00:00"	12.871	157.58	61.285	75.801	226.4	26.435	0
"2012-03-26	11:00:00"	16.853	164.45	65.87	66.364	494.93	26.459	0
"2012-03-26	12:00:00"	13.78	181.12	69.915	55.874	653.95	26.447	0
"2012-03-26	13:00:00"	14.342	181.37	74.067	45.848	864.86	26.42	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-26	14:00:00"	13.417	181.72	76.81	40.779	891.06	26.397	0
"2012-03-26	15:00:00"	12.531	184.39	79.494	34.712	904.87	26.37	0
"2012-03-26	16:00:00"	13.478	180.35	81.446	31.001	781.93	26.347	0
"2012-03-26	17:00:00"	12.106	176.58	81.889	30.601	656.42	26.329	0
"2012-03-26	18:00:00"	10.298	166.79	82.004	30.959	396	26.323	0
"2012-03-26	19:00:00"	11.873	156.79	80.156	35.047	158.74	26.326	0
"2012-03-26	20:00:00"	11.756	139.5	77.471	39.836	57.646	26.332	0
"2012-03-26	21:00:00"	10.563	151	73.569	45.768	0.96429	26.35	0
"2012-03-26	22:00:00"	8.8906	153.52	70.108	54.803	0.0672	26.367	0
"2012-03-26	23:00:00"	4.0004	154.37	66.069	64.329	0.06974	26.397	0
"2012-03-27	00:00:00"	5.3954	164.37	62.924	71.474	0.07589	26.4	0
"2012-03-27	01:00:00"	5.5575	199.01	60.583	73.165	0.0725	26.394	0
"2012-03-27	02:00:00"	4.1259	222.99	59.141	83.265	0.07229	26.406	0
"2012-03-27	03:00:00"	4.3086	221.23	57.496	88.858	0.07292	26.394	0
"2012-03-27	04:00:00"	4.2744	241.7	56.236	90.662	0.05935	26.391	0
"2012-03-27	05:00:00"	3.4704	222.14	55.69	90.164	0.06105	26.397	0
"2012-03-27	06:00:00"	3.4648	263.83	56.05	92.934	0.05554	26.409	0
"2012-03-27	07:00:00"	3.0485	224.98	56.154	94.385	0.06126	26.412	0
"2012-03-27	08:00:00"	3.6941	243.99	54.337	95.082	2.8511	26.415	0
"2012-03-27	09:00:00"	2.6744	263.32	52.375	95.319	126.03	26.426	0
"2012-03-27	10:00:00"	4.6733	249.76	58.536	91.191	402.05	26.444	0
"2012-03-27	11:00:00"	6.6599	252.37	66.89	61.343	621.27	26.459	0
"2012-03-27	12:00:00"	7.7982	320.36	75.463	23.642	811.16	26.459	0
"2012-03-27	13:00:00"	7.2172	330.67	79.71	12.118	938.43	26.456	0
"2012-03-27	14:00:00"	5.2108	295.73	81.912	10.177	989.39	26.438	0
"2012-03-27	15:00:00"	5.9875	304.69	83.501	9.1936	963.87	26.418	0
"2012-03-27	16:00:00"	6.9407	308.32	84.667	8.3736	869.81	26.394	0
"2012-03-27	17:00:00"	6.7207	315.4	85.394	8.0414	714.37	26.376	0
"2012-03-27	18:00:00"	6.8941	312.88	86.108	7.5706	526.64	26.379	0
"2012-03-27	19:00:00"	4.2831	291.16	86.003	7.3667	366.87	26.379	0
"2012-03-27	20:00:00"	7.2818	156.01	83.507	9.0814	123.26	26.373	0
"2012-03-27	21:00:00"	7.7709	170.58	75.209	17.588	3.7111	26.403	0
"2012-03-27	22:00:00"	7.9318	195.46	69.545	29.134	0.05109	26.435	0
"2012-03-27	23:00:00"	8.8384	196.53	66.728	33.919	0.0549	26.444	0
"2012-03-28	00:00:00"	8.0057	208.2	64.408	37.176	0.06063	26.435	0
"2012-03-28	01:00:00"	4.6653	211.07	59.782	44.543	0.04515	26.432	0
"2012-03-28	02:00:00"	4.8218	194.75	56.991	52.173	0.06932	26.423	0
"2012-03-28	03:00:00"	4.3334	223.55	56.395	55.464	0.05935	26.412	0
"2012-03-28	04:00:00"	4.1961	223.73	54.532	60.82	0.06529	26.418	0
"2012-03-28	05:00:00"	4.2409	208.32	52.73	67.379	0.08098	26.423	0
"2012-03-28	06:00:00"	6.7841	187.97	53.991	68.131	0.07017	26.432	0
"2012-03-28	07:00:00"	6.4765	185.94	53.805	68.663	0.08055	26.435	0
"2012-03-28	08:00:00"	5.4426	181.98	53.056	71.697	2.5938	26.444	0
"2012-03-28	09:00:00"	4.7995	192.77	53.409	73.507	99.883	26.453	0
"2012-03-28	10:00:00"	10.98	196.13	60.388	62.839	352.85	26.465	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-28	11:00:00"	10.593	200.47	66.291	50.596	578.29	26.471	0
"2012-03-28	12:00:00"	7.3999	229.97	71.305	40.019	759.64	26.468	0
"2012-03-28	13:00:00"	4.8212	265.33	76.294	28.402	917.44	26.453	0
"2012-03-28	14:00:00"	4.1048	244.85	80.517	19.188	976.46	26.426	0
"2012-03-28	15:00:00"	6.6592	188.59	83.07	16.199	954.84	26.397	0
"2012-03-28	16:00:00"	8.6004	170.79	84.54	14.471	860.72	26.367	0
"2012-03-28	17:00:00"	9.1404	185.39	84.725	13.245	708.66	26.344	0
"2012-03-28	18:00:00"	7.0047	180.26	84.804	12.303	505.59	26.329	0
"2012-03-28	19:00:00"	8.6172	178.48	84.383	12.369	277.27	26.323	0
"2012-03-28	20:00:00"	7.1998	158.61	81.631	13.514	73.868	26.326	0
"2012-03-28	21:00:00"	5.4594	142.59	73.684	18.194	1.7679	26.338	0
"2012-03-28	22:00:00"	10.041	154.6	71.48	29.083	0.05533	26.367	0
"2012-03-28	23:00:00"	13.077	168.65	70.278	41.243	0.06635	26.382	0
"2012-03-29	00:00:00"	14.194	177.01	68.406	48.956	0.06465	26.388	0
"2012-03-29	01:00:00"	8.4146	192.33	65.068	56.244	0.07207	26.385	0
"2012-03-29	02:00:00"	6.3336	194.12	61.883	64.172	0.07928	26.373	0
"2012-03-29	03:00:00"	5.1412	171.62	58.003	72.822	0.08013	26.367	0
"2012-03-29	04:00:00"	8.3289	172.02	57.725	76.575	0.07737	26.353	0
"2012-03-29	05:00:00"	10.22	174.86	57.653	85.349	0.05851	26.347	0
"2012-03-29	06:00:00"	7.4024	194.17	56.718	91.354	0.06402	26.344	0
"2012-03-29	07:00:00"	5.7794	218.72	55.792	94.433	0.07271	26.35	0
"2012-03-29	08:00:00"	7.846	227.91	55.764	95.13	2.1991	26.356	0
"2012-03-29	09:00:00"	5.9297	244.3	54.866	95.382	78.766	26.373	0
"2012-03-29	10:00:00"	5.7098	243.58	57.312	86.971	344.69	26.379	0
"2012-03-29	11:00:00"	7.6385	261.9	67.849	44.844	629.23	26.382	0
"2012-03-29	12:00:00"	7.8405	302.56	77.108	19.652	821.35	26.376	0
"2012-03-29	13:00:00"	9.4498	314.89	82.432	9.3583	940.66	26.364	0
"2012-03-29	14:00:00"	9.4107	308.89	84.514	7.5575	995.75	26.341	0
"2012-03-29	15:00:00"	11.866	297.46	85.841	7.135	983.7	26.317	0
"2012-03-29	16:00:00"	11.87	283.54	86.209	6.9992	899.01	26.291	0
"2012-03-29	17:00:00"	11.013	290.11	85.992	7.1908	611.82	26.273	0
"2012-03-29	18:00:00"	8.9471	248.75	85.508	8.13	435.47	26.261	0
"2012-03-29	19:00:00"	8.1661	248.82	84.888	8.6636	228.08	26.264	0
"2012-03-29	20:00:00"	6.7934	258.73	83.307	9.3717	97.065	26.267	0
"2012-03-29	21:00:00"	2.7086	243.34	76.41	11.821	2.4503	26.27	0
"2012-03-29	22:00:00"	1.7106	228.43	70.749	13.845	0.05851	26.294	0
"2012-03-29	23:00:00"	4.0793	243.62	66.511	16.763	0.06381	26.302	0
"2012-03-30	00:00:00"	4.3819	227.9	63.802	21.789	0.05596	26.311	0
"2012-03-30	01:00:00"	3.8295	265.72	63.201	23.105	0.07334	26.305	0
"2012-03-30	02:00:00"	1.5398	231.26	60.551	23.755	0.06147	26.299	0
"2012-03-30	03:00:00"	3.2243	281.08	56.963	24.669	0.0744	26.294	0
"2012-03-30	04:00:00"	2.4631	307.98	57.198	16.676	0.05533	26.299	0
"2012-03-30	05:00:00"	1.7473	182.12	55.995	15.533	0.05299	26.305	0
"2012-03-30	06:00:00"	1.9617	156.21	49.689	36.858	0.07695	26.317	0
"2012-03-30	07:00:00"	2.5694	265.35	49.543	44.931	0.07229	26.335	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-03-30	08:00:00"	4.669	341.58	48.652	27.635	7.3936	26.344	0
"2012-03-30	09:00:00"	6.5555	318.54	54.282	16.385	167.13	26.367	0
"2012-03-30	10:00:00"	9.3759	300.07	60.225	13.094	413.35	26.379	0
"2012-03-30	11:00:00"	7.3757	306	68.327	14.863	640.09	26.376	0
"2012-03-30	12:00:00"	8.5122	315.06	76.376	13.722	824.68	26.376	0
"2012-03-30	13:00:00"	7.3912	296.76	80.232	11.243	947.42	26.361	0
"2012-03-30	14:00:00"	7.9132	307.2	83.577	8.9597	991.34	26.338	0
"2012-03-30	15:00:00"	12.233	283.87	85.34	7.8528	974.04	26.317	0
"2012-03-30	16:00:00"	9.7574	286.31	86.038	6.9203	875.41	26.299	0
"2012-03-30	17:00:00"	11.533	292.01	86.094	6.0953	721.1	26.294	0
"2012-03-30	18:00:00"	9.9022	303.81	85.805	6.4581	514.14	26.291	0
"2012-03-30	19:00:00"	9.9152	290.01	85.105	6.4706	287.02	26.291	0
"2012-03-30	20:00:00"	7.3769	304.14	83.027	6.9225	85.329	26.296	0
"2012-03-30	21:00:00"	1.7324	325.33	77.056	8.5542	1.8154	26.308	0
"2012-03-30	22:00:00"	1.5193	82.8	72.613	9.7164	0.05045	26.323	0
"2012-03-30	23:00:00"	1.9865	141.22	70.27	10.925	0.05935	26.329	0
"2012-03-31	00:00:00"	3.8432	164.66	65.855	13.113	0.05299	26.338	0
"2012-03-31	01:00:00"	4.2049	307.89	65.813	13.934	0.05496	26.332	0
"2012-03-31	02:00:00"	3.7133	297.61	64.325	14.674	0.06847	26.329	0
"2012-03-31	03:00:00"	4.8287	301.97	63.012	14.862	0.06338	26.323	0
"2012-03-31	04:00:00"	4.8405	302.07	61.033	15.849	0.08352	26.314	0
"2012-03-31	05:00:00"	6.9128	312.57	61.091	16.341	0.06932	26.311	0
"2012-03-31	06:00:00"	10.635	327.34	60.34	17.059	0.0867	0.02628	0
"2012-03-31	07:00:00"	7.5845	355.15	58.297	19.138	0.06995	26.338	0
"2012-03-31	08:00:00"	9.0745	14.794	52.315	26.028	6.5481	26.356	0
"2012-03-31	09:00:00"	5.1462	357.09	58.688	21.198	166.17	26.376	0
"2012-03-31	10:00:00"	5.1189	332	69.666	15	412	26.385	0
"2012-03-31	11:00:00"	2.9161	317.85	78.528	11.045	636.57	26.391	0
"2012-03-31	12:00:00"	6.1199	259.4	82.112	10.072	817.73	26.388	0
"2012-03-31	13:00:00"	7.0731	234.67	84.349	9.0875	938.02	26.373	0
"2012-03-31	14:00:00"	6.9637	251.17	86.487	7.755	989.44	26.353	0
"2012-03-31	15:00:00"	6.9805	232.48	87.662	7.5272	968.87	26.329	0
"2012-03-31	16:00:00"	8.6644	245.17	88.754	7.157	867.5	26.305	0
"2012-03-31	17:00:00"	8.3549	225.95	88.773	6.8692	710.05	26.291	0
"2012-03-31	18:00:00"	9.74	239.17	89.065	6.5028	513.21	26.282	0
"2012-03-31	19:00:00"	9.0453	218.93	88.196	6.5517	286.21	26.282	0
"2012-03-31	20:00:00"	6.3771	221.08	86.005	7.2172	87.775	26.276	0
"2012-03-31	21:00:00"	4.8871	154.92	77.686	9.7839	2.3297	26.279	0
"2012-03-31	22:00:00"	5.688	150.9	72.41	12.616	0.05723	26.294	0
"2012-03-31	23:00:00"	3.0963	210.23	68.511	14.113	0.07144	26.299	0
"2012-04-01	00:00:00"	2.4606	185.81	68.564	13.156	0.06105	26.285	0
"2012-04-01	01:00:00"	4.6827	270.15	66.939	13.343	0.0619	26.276	0
"2012-04-01	02:00:00"	3.8693	269.43	65.25	13.785	0.05723	26.267	0
"2012-04-01	03:00:00"	2.355	250.59	63.825	14.039	0.06253	26.258	0
"2012-04-01	04:00:00"	2.1406	245.54	62.949	14.084	0.08585	26.246	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-01	05:00:00"	4.1825	178.25	57.032	18.121	0.08182	26.237	0
"2012-04-01	06:00:00"	5.135	176.29	55.268	19.585	0.04664	26.24	0
"2012-04-01	07:00:00"	3.3486	209.13	54.104	21.264	0.07144	26.24	0
"2012-04-01	08:00:00"	2.8397	203.43	51.748	24.066	10.862	26.246	0
"2012-04-01	09:00:00"	4.0197	206.74	55.308	22.554	178.15	26.267	0
"2012-04-01	10:00:00"	5.5948	238.88	63.607	16.415	424.28	26.27	0
"2012-04-01	11:00:00"	7.0035	240.21	70.225	13.372	652.28	26.264	0
"2012-04-01	12:00:00"	11.576	277.8	80.937	9.5417	832.07	26.252	0
"2012-04-01	13:00:00"	12.382	276.19	84.351	7.7933	953.34	26.234	0
"2012-04-01	14:00:00"	15.378	233.28	87.051	6.8758	1004.5	26.202	0
"2012-04-01	15:00:00"	20.276	229.48	87.676	6.6381	979.71	26.175	0
"2012-04-01	16:00:00"	22.98	229.15	88.097	5.7281	883.41	26.149	0
"2012-04-01	17:00:00"	22.386	230.16	87.831	5.0614	731.29	26.134	0
"2012-04-01	18:00:00"	20.842	234.53	87.05	4.3247	529.59	26.122	0
"2012-04-01	19:00:00"	17.085	234.93	86.065	4.432	296.59	26.11	0
"2012-04-01	20:00:00"	14.402	232.64	83.848	4.5806	91.531	26.105	0
"2012-04-01	21:00:00"	5.3991	207.35	74.693	6.3803	2.7479	26.105	0
"2012-04-01	22:00:00"	5.7669	220.8	69.666	7.3322	0.06359	26.11	0
"2012-04-01	23:00:00"	7.0147	265.9	67.692	7.9042	0.06805	26.107	0
"2012-04-02	00:00:00"	3.0186	270.52	65.488	8.7719	0.06296	26.093	0
"2012-04-02	01:00:00"	2.5377	280.97	65.36	9.2567	0.05342	26.09	0
"2012-04-02	02:00:00"	5.5308	177.93	61.905	10.753	0.0655	26.093	0
"2012-04-02	03:00:00"	5.7023	159.78	59.272	26.435	0.08013	26.084	0
"2012-04-02	04:00:00"	7.262	166.68	57.92	53.427	0.07144	26.078	0
"2012-04-02	05:00:00"	5.5364	191.06	55.867	57.864	0.0566	26.087	0
"2012-04-02	06:00:00"	1.9014	217.77	53.199	61.489	0.0655	26.099	0
"2012-04-02	07:00:00"	2.3227	279.94	52.44	62.581	0.04939	26.11	0
"2012-04-02	08:00:00"	2.5023	282.88	51.119	65.873	8.4737	26.116	0
"2012-04-02	09:00:00"	2.803	273.71	53.879	50.4	177.68	26.116	0
"2012-04-02	10:00:00"	10.911	265.59	65.902	21.983	425.91	26.116	0
"2012-04-02	11:00:00"	16.043	268.86	69.502	20.029	653.96	26.116	0
"2012-04-02	12:00:00"	17.449	264.85	70.066	19.664	835.49	26.116	0
"2012-04-02	13:00:00"	18.338	243.16	71.251	17.287	954.35	26.096	0
"2012-04-02	14:00:00"	22.955	235.16	72.342	14	1006.5	26.099	0
"2012-04-02	15:00:00"	25.051	241.01	71.333	13.545	979.31	26.11	0
"2012-04-02	16:00:00"	26.804	249.2	70.25	13.214	864.5	26.113	0
"2012-04-02	17:00:00"	29.176	255.05	69.183	11.164	720.7	26.113	0
"2012-04-02	18:00:00"	25.985	256.73	68.378	9.8433	519.99	26.116	0
"2012-04-02	19:00:00"	18.645	268.36	67.537	9.7317	284.69	26.128	0
"2012-04-02	20:00:00"	14.597	287.1	65.223	10.642	86.854	26.134	0
"2012-04-02	21:00:00"	11.883	297.66	61.823	11.299	2.6207	26.152	0
"2012-04-02	22:00:00"	10.076	300.06	59.138	11.681	0.05914	26.187	0
"2012-04-02	23:00:00"	4.4279	334.91	56.805	11.454	0.05914	26.214	0
"2012-04-03	00:00:00"	6.3833	313.26	55.266	12.494	0.04833	26.211	0
"2012-04-03	01:00:00"	6.3964	323.02	51.654	15.449	0.08394	26.24	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-03	02:00:00"	2.9279	302.34	48.654	19.335	0.05787	26.252	0
"2012-04-03	03:00:00"	2.1158	286.57	46.769	21.817	0.05003	26.246	0
"2012-04-03	04:00:00"	8.903	308.47	48.289	25.716	0.07462	0	0
"2012-04-03	05:00:00"	4.7032	294.23	45.337	28.676	0.06953	26.258	0
"2012-04-03	06:00:00"	4.5254	296.64	45.042	31.628	0.05978	26.27	0
"2012-04-03	07:00:00"	4.2073	309.98	43.588	34.717	0.07546	26.294	0
"2012-04-03	08:00:00"	5.3432	301.87	43.852	41.873	7.3928	26.314	0
"2012-04-03	09:00:00"	5.8788	318.88	44.205	42.691	188.34	26.344	0
"2012-04-03	10:00:00"	11.65	282.19	51.303	31.697	440.25	26.353	0
"2012-04-03	11:00:00"	15.744	271.65	56.06	29.104	660.84	26.358	0
"2012-04-03	12:00:00"	17.145	272.75	57.515	32.227	840.07	26.373	0
"2012-04-03	13:00:00"	17.151	273.93	59.966	30.37	960.71	26.367	0
"2012-04-03	14:00:00"	17.53	289.17	61.852	27.28	1011.7	26.358	0
"2012-04-03	15:00:00"	16.994	295.35	62.762	27.289	985.37	26.35	0
"2012-04-03	16:00:00"	15.733	295.19	64.197	24.814	887.19	26.35	0
"2012-04-03	17:00:00"	15.157	298.56	65.509	22.497	728.62	26.347	0
"2012-04-03	18:00:00"	15.005	306.01	65.551	22.393	518.14	26.347	0
"2012-04-03	19:00:00"	12.834	308.12	64.95	23.669	287.82	26.353	0
"2012-04-03	20:00:00"	11.421	330.63	63.296	25.946	82.456	26.364	0
"2012-04-03	21:00:00"	8.1996	344.68	59.059	29.586	2.5959	26.379	0
"2012-04-03	22:00:00"	6.1006	3.8291	54.215	34.683	0.05935	26.406	0
"2012-04-03	23:00:00"	7.8697	7.987	52.269	37.064	0.0619	26.418	0
"2012-04-04	00:00:00"	8.5967	11.047	49.124	41.736	0.05935	26.415	0
"2012-04-04	01:00:00"	9.571	11.428	49.043	45.108	0.06995	26.42	0
"2012-04-04	02:00:00"	7.8958	23.663	45.731	55.238	0.07123	26.42	0
"2012-04-04	03:00:00"	8.0803	25.306	43.544	64.408	0.0903	26.42	0
"2012-04-04	04:00:00"	7.111	18.083	41.84	72.138	0.08055	26.429	0
"2012-04-04	05:00:00"	7.0774	17.63	41.054	75.588	0.06359	26.426	0
"2012-04-04	06:00:00"	3.4281	351.48	39.854	77.614	0.10323	26.412	0
"2012-04-04	07:00:00"	1.6404	246.15	38.049	81.072	0.06911	26.412	0
"2012-04-04	08:00:00"	2.8204	350.47	37.866	79.339	12.781	26.415	0
"2012-04-04	09:00:00"	1.5485	315.12	41.16	73.783	188.75	26.438	0
"2012-04-04	10:00:00"	2.4321	267.75	49.199	56.419	432.12	26.447	0
"2012-04-04	11:00:00"	7.3608	232.84	53.224	48.07	658.31	26.441	0
"2012-04-04	12:00:00"	10.723	225.78	57.165	42.032	839.54	26.423	0
"2012-04-04	13:00:00"	10.975	224.96	61.306	35.214	960.72	26.403	0
"2012-04-04	14:00:00"	12.309	236.59	65.918	28.102	1011.8	26.373	0
"2012-04-04	15:00:00"	11.956	255.86	69.644	22.617	985.76	26.347	0
"2012-04-04	16:00:00"	13.227	285.77	72.726	17.361	890.74	26.32	0
"2012-04-04	17:00:00"	13.725	298.63	73.879	16.181	732.38	26.294	0
"2012-04-04	18:00:00"	11.933	303.22	74.899	15.9	525.82	26.285	0
"2012-04-04	19:00:00"	9.3454	301.9	75.513	15.034	296.59	26.282	0
"2012-04-04	20:00:00"	8.1418	307.77	74.591	15.176	94.257	26.288	0
"2012-04-04	21:00:00"	2.7098	285.92	70.011	17.828	2.1253	26.299	0
"2012-04-04	22:00:00"	0.90534	72.317	63.948	21.183	0.06253	26.323	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-04	23:00:00"	3.1125	359.49	62.256	22.5	0.0619	26.341	0
"2012-04-05	00:00:00"	3.4685	3.5282	61.536	23.524	0.07525	26.332	0
"2012-04-05	01:00:00"	1.9642	16.582	62.469	23.157	0.05469	26.338	0
"2012-04-05	02:00:00"	6.2516	91.178	58.097	26.73	0.07038	26.332	0
"2012-04-05	03:00:00"	7.9449	104.98	56.637	31.565	0.05405	26.317	0
"2012-04-05	04:00:00"	7.3539	96.558	53.515	36.767	0.07207	26.308	0
"2012-04-05	05:00:00"	6.8742	60.664	48.991	43.101	0.06487	26.305	0
"2012-04-05	06:00:00"	7.6422	50.352	46.342	47.515	0.0761	26.317	0
"2012-04-05	07:00:00"	8.5544	52.567	44.931	50.99	0.07313	26.323	0
"2012-04-05	08:00:00"	8.5774	48.184	43.834	54.432	18.067	26.35	0
"2012-04-05	09:00:00"	8.5345	57.439	49.498	47.551	201.73	26.373	0
"2012-04-05	10:00:00"	9.3839	91.792	56.898	37.904	442.65	26.376	0
"2012-04-05	11:00:00"	6.2572	85.202	62.91	29.818	668.66	26.385	0
"2012-04-05	12:00:00"	3.6549	69.865	69.547	20.964	827.06	26.379	0
"2012-04-05	13:00:00"	3.4884	104.33	75.818	15.53	961.61	26.367	0
"2012-04-05	14:00:00"	6.0876	215.3	80.138	12.909	996.56	26.35	0
"2012-04-05	15:00:00"	7.0855	238.91	82.734	11.155	926.18	26.326	0
"2012-04-05	16:00:00"	7.0066	218.03	85.152	9.5119	867.78	26.299	0
"2012-04-05	17:00:00"	6.7649	222.34	86.573	8.3142	710.88	26.279	0
"2012-04-05	18:00:00"	8.5457	188.5	86.776	7.4345	505.11	26.276	0
"2012-04-05	19:00:00"	5.8956	186.39	86.444	7.1497	287.19	26.27	0
"2012-04-05	20:00:00"	6.402	178.04	83.312	7.9053	63.268	26.276	0
"2012-04-05	21:00:00"	6.1367	129.25	74.94	11.747	2.5071	26.291	0
"2012-04-05	22:00:00"	7.0041	130.72	71.242	13.619	0.06041	26.314	0
"2012-04-05	23:00:00"	9.5946	99.641	68.137	17.594	0.06847	26.335	0
"2012-04-06	00:00:00"	13.039	106.16	68.17	27.415	0.05766	26.347	0
"2012-04-06	01:00:00"	12.719	106.82	65.393	34.221	0.06635	26.35	0
"2012-04-06	02:00:00"	12.256	109.11	62.953	41.141	0.05872	26.358	0
"2012-04-06	03:00:00"	11.667	116.09	60.448	49.31	0.05872	26.347	0
"2012-04-06	04:00:00"	10.267	108.6	58.445	55.878	0.06211	26.344	0
"2012-04-06	05:00:00"	9.594	89.89	56.172	62.288	0.06296	26.344	0
"2012-04-06	06:00:00"	8.3152	68.968	53.218	67.998	0.06253	26.356	0
"2012-04-06	07:00:00"	8.716	58.64	49.581	73.598	0.06529	26.364	0
"2012-04-06	08:00:00"	9.9929	61.581	48.491	76.822	9.0464	26.379	0
"2012-04-06	09:00:00"	11.725	73.038	51.772	73.844	162.77	26.388	0
"2012-04-06	10:00:00"	12.345	95.497	59.096	62.967	433.2	26.4	0
"2012-04-06	11:00:00"	11.307	125.1	65.804	52.71	651.69	26.409	0
"2012-04-06	12:00:00"	9.2274	169.06	71.023	44.757	824.98	26.409	0
"2012-04-06	13:00:00"	9.7655	182.13	76.426	32.442	940.2	26.391	0
"2012-04-06	14:00:00"	7.9299	201.96	80.197	22.543	1012.3	26.373	0
"2012-04-06	15:00:00"	6.7729	199.15	82.625	16.55	957.79	26.356	0
"2012-04-06	16:00:00"	6.5269	234.54	84.061	13.163	682.17	26.335	0
"2012-04-06	17:00:00"	9.7816	218.39	85.052	11.523	612.45	26.323	0
"2012-04-06	18:00:00"	12.607	210.79	85.75	8.0636	513.51	26.317	0
"2012-04-06	19:00:00"	12.887	214.13	84.445	6.5586	212.26	26.32	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-06	20:00:00"	9.8835	219.38	82.698	6.3272	102.8	26.335	0
"2012-04-06	21:00:00"	4.9455	187	75.062	8.4406	5.4513	26.353	0
"2012-04-06	22:00:00"	3.3007	196.36	68.981	10.02	0.06889	26.376	0
"2012-04-06	23:00:00"	6.6058	192.73	68.737	15.23	0.05723	26.403	0
"2012-04-07	00:00:00"	11.218	183.54	69.404	51.867	0.05596	26.415	0
"2012-04-07	01:00:00"	10.256	185.16	67.54	62.828	0.06953	26.423	0
"2012-04-07	02:00:00"	7.7236	189.42	65.995	68.393	0.07822	26.435	0
"2012-04-07	03:00:00"	4.3415	213.23	62.272	76.119	0.05321	26.435	0
"2012-04-07	04:00:00"	5.3239	197.24	60.412	79.973	0.06508	26.432	0
"2012-04-07	05:00:00"	5.606	194.86	60.109	79.917	0.06041	26.441	0
"2012-04-07	06:00:00"	3.0404	221.74	59.142	80.541	0.06889	26.453	0
"2012-04-07	07:00:00"	2.1611	212.41	57.5	82.946	0.05766	26.468	0
"2012-04-07	08:00:00"	2.1642	189.1	55.502	85.866	9.3392	26.483	0
"2012-04-07	09:00:00"	1.8672	247.69	57.531	80.518	114.99	26.518	0
"2012-04-07	10:00:00"	4.6516	224.62	63.231	66.675	275.92	26.536	0
"2012-04-07	11:00:00"	6.4623	264.22	68.376	54.134	559.24	26.55	0
"2012-04-07	12:00:00"	10.195	330.46	73.357	31.589	757.1	26.559	0
"2012-04-07	13:00:00"	13.645	4.8782	76.582	22.166	770.06	26.568	0
"2012-04-07	14:00:00"	18.962	26.721	75.886	18.866	718.45	26.577	0
"2012-04-07	15:00:00"	18.972	30.028	74.529	28.961	882.66	26.568	0
"2012-04-07	16:00:00"	16.311	31.73	74.141	31.104	420.47	26.562	0
"2012-04-07	17:00:00"	17.933	27.562	73.259	35.886	361.75	26.565	0
"2012-04-07	18:00:00"	17.446	31.377	72.506	36.491	200.31	26.556	0
"2012-04-07	19:00:00"	20.569	31.271	69.606	37.979	139.36	26.574	0
"2012-04-07	20:00:00"	21.002	35.35	66.68	38.299	71.402	26.592	0
"2012-04-07	21:00:00"	19.044	49.584	63.036	38.247	2.4715	26.618	0
"2012-04-07	22:00:00"	17.165	45.593	60.889	37.79	0.06444	26.672	0
"2012-04-07	23:00:00"	16.598	48.095	59.645	38.051	0.05787	26.692	0
"2012-04-08	00:00:00"	13.036	27.219	59.148	38.981	0.0619	26.722	0
"2012-04-08	01:00:00"	12.555	48.075	57.813	42.411	0.08225	26.704	0
"2012-04-08	02:00:00"	10.615	29.035	55.535	52.174	0.07716	26.728	0
"2012-04-08	03:00:00"	9.9177	55.097	55.824	48.894	0.06402	26.698	0
"2012-04-08	04:00:00"	9.0291	50.798	55.575	48.945	0.06677	26.698	0
"2012-04-08	05:00:00"	6.5598	38.787	51.298	58.804	0.06487	26.701	0
"2012-04-08	06:00:00"	6.6978	8.5163	49.515	60.93	0.05575	26.707	0
"2012-04-08	07:00:00"	9.6598	16.114	47.75	57.593	0.07186	26.71	0
"2012-04-08	08:00:00"	9.2715	20.4	46.782	57.989	17.905	26.728	0
"2012-04-08	09:00:00"	10.99	27.026	50.729	53.405	119.25	26.739	0
"2012-04-08	10:00:00"	12.113	55.675	55.02	53.982	138.54	26.748	0
"2012-04-08	11:00:00"	12.796	65.875	56.931	55.191	192.42	26.763	0
"2012-04-08	12:00:00"	8.9453	69.838	60.805	53.793	636.92	26.754	0
"2012-04-08	13:00:00"	5.0691	107.9	64.815	50.614	827.78	26.742	0
"2012-04-08	14:00:00"	3.6027	129.77	67.77	44.862	918.64	26.713	0
"2012-04-08	15:00:00"	4.5559	118.56	69.975	41.416	774.57	26.683	0
"2012-04-08	16:00:00"	5.3568	109.19	72.807	37.295	864.4	26.651	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-08	17:00:00"	6.9159	161.37	74.183	35.171	705.16	26.63	0
"2012-04-08	18:00:00"	6.1199	163.46	74.772	33.064	511.46	26.618	0
"2012-04-08	19:00:00"	6.2131	157.1	74.849	32.017	289.74	26.607	0
"2012-04-08	20:00:00"	5.2835	132.63	73.63	33.564	80.376	26.595	0
"2012-04-08	21:00:00"	4.8156	121.45	69.011	40.338	3.3896	26.601	0
"2012-04-08	22:00:00"	5.7377	136.45	65.276	53.684	0.05851	26.612	0
"2012-04-08	23:00:00"	5.9714	144.7	62.308	62.7	0.05427	26.615	0
"2012-04-09	00:00:00"	5.6333	149.14	59.817	70.961	0.04706	26.627	0
"2012-04-09	01:00:00"	5.6315	143.37	58.706	77.002	0.05554	0	0
"2012-04-09	02:00:00"	6.6897	155.52	58.335	80.809	0.05151	26.624	0
"2012-04-09	03:00:00"	6.1721	152.39	58.629	81.512	0.06147	26.609	0
"2012-04-09	04:00:00"	5.9863	169.33	57.375	84.151	0.03816	26.598	0
"2012-04-09	05:00:00"	3.2423	70.941	54.961	88.009	0.06211	0	0
"2012-04-09	06:00:00"	3.1125	68.34	53.947	90.933	0.07144	26.58	0
"2012-04-09	07:00:00"	3.8196	60.006	53.295	92.481	0.06826	26.58	0
"2012-04-09	08:00:00"	4.7168	46.804	50.553	93.662	8.7355	26.58	0
"2012-04-09	09:00:00"	4.874	57.242	53.296	92.153	147.41	26.595	0
"2012-04-09	10:00:00"	8.7775	162.15	62.821	72.928	411.94	26.595	0
"2012-04-09	11:00:00"	9.8133	182.9	67.393	60.932	530.71	26.604	0
"2012-04-09	12:00:00"	7.7559	194.48	70.482	54.12	651.11	26.601	0
"2012-04-09	13:00:00"	7.8212	182.05	72.977	48.865	786.62	26.574	0
"2012-04-09	14:00:00"	9.5554	162.82	75.819	44.237	884.62	26.55	0
"2012-04-09	15:00:00"	10.973	146.35	78.592	38.772	859.23	26.527	0
"2012-04-09	16:00:00"	11.96	169.62	81	32.564	731.77	26.497	0
"2012-04-09	17:00:00"	10.578	162.99	81.089	32.879	555.96	26.474	0
"2012-04-09	18:00:00"	10.057	158.7	80.268	33.883	263.24	26.459	0
"2012-04-09	19:00:00"	9.4044	163.28	78.188	38.776	65.409	26.456	0
"2012-04-09	20:00:00"	7.367	170.55	76.033	43.22	7.2132	26.465	0
"2012-04-09	21:00:00"	9.827	163.88	67.909	63.594	0.13694	26.485	0
"2012-04-09	22:00:00"	11.363	165.06	66.946	69.484	0.0513	26.474	0
"2012-04-09	23:00:00"	13.665	166.49	65.799	68.756	0.06868	26.494	0
"2012-04-10	00:00:00"	7.9038	165.63	63.066	62.596	0.0708	26.503	0
"2012-04-10	01:00:00"	5.3146	143.46	61.914	64.281	0.07123	26.503	0
"2012-04-10	02:00:00"	5.286	94.294	61.255	62.161	0.06253	26.515	0
"2012-04-10	03:00:00"	4.0302	114.53	58.547	68.373	0.06063	26.518	0
"2012-04-10	04:00:00"	7.083	110.05	59.029	71.716	0.08543	26.506	0
"2012-04-10	05:00:00"	4.6348	83.22	56.566	81.098	0.06614	26.509	0
"2012-04-10	06:00:00"	5.9217	63.908	53.741	84.919	0.06932	26.509	0
"2012-04-10	07:00:00"	6.0863	65.432	52.541	85.332	0.06211	26.524	0
"2012-04-10	08:00:00"	5.9527	63.064	51.354	86.418	22.882	26.533	0
"2012-04-10	09:00:00"	6.6083	92.293	57.111	84.072	201.77	26.547	0
"2012-04-10	10:00:00"	7.7814	123.29	63.805	70.971	435.18	26.545	0
"2012-04-10	11:00:00"	7.4403	156.22	68.098	58.774	651.07	26.55	0
"2012-04-10	12:00:00"	5.4569	166.82	71.618	48.573	824.38	26.547	0
"2012-04-10	13:00:00"	4.8386	176.95	75.202	40.319	943.39	26.53	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-10	14:00:00"	6.4157	159.76	78.865	30.571	918.95	26.515	0
"2012-04-10	15:00:00"	8.6296	151.21	80.626	28.302	976.2	26.491	0
"2012-04-10	16:00:00"	9.3411	159.04	82.043	26.813	897.41	26.462	0
"2012-04-10	17:00:00"	10.077	175.19	82.92	24.731	671.87	26.441	0
"2012-04-10	18:00:00"	10.445	166.78	83.23	23.601	544.23	26.441	0
"2012-04-10	19:00:00"	9.5157	159.78	81.698	24.747	223.72	26.432	0
"2012-04-10	20:00:00"	10.124	167.37	79.161	28.508	63.854	26.438	0
"2012-04-10	21:00:00"	10.667	162.81	75.536	35.956	2.4522	26.456	0
"2012-04-10	22:00:00"	8.4705	158.95	73.088	40.358	0.06253	26.471	0
"2012-04-10	23:00:00"	7.8802	159.08	70.822	44.485	0.06699	26.497	0
"2012-04-11	00:00:00"	5.7781	154.71	68.02	52.216	0.05024	26.506	0
"2012-04-11	01:00:00"	5.6433	167.22	67.103	58.976	0.0602	26.512	0
"2012-04-11	02:00:00"	6.3268	168.31	65.473	68.356	0.08076	26.509	0
"2012-04-11	03:00:00"	4.7336	144.29	62.626	75.912	0.06147	26.491	0
"2012-04-11	04:00:00"	6	124.56	60.973	80.062	0.05639	26.483	0
"2012-04-11	05:00:00"	5.6278	122.54	59.427	80.553	0.0672	26.485	0
"2012-04-11	06:00:00"	5.3742	107.21	58.314	79.734	0.03816	26.494	0
"2012-04-11	07:00:00"	3.8394	85.2	57.904	78.409	0.04791	26.536	0
"2012-04-11	08:00:00"	2.9683	44.049	57.442	77.951	10.968	26.527	0
"2012-04-11	09:00:00"	5.1971	58.857	58.793	75.119	177.45	26.515	0
"2012-04-11	10:00:00"	6.4815	96.678	63.657	60.585	301	26.527	0
"2012-04-11	11:00:00"	7.5683	115.99	66.382	56.113	381.4	26.515	0
"2012-04-11	12:00:00"	11.493	100.01	69.026	52.934	465.01	26.503	0
"2012-04-11	13:00:00"	12.711	122.75	73.168	46.88	642.28	26.48	0
"2012-04-11	14:00:00"	14.723	149.51	75.217	45.381	659.55	26.447	0
"2012-04-11	15:00:00"	15.237	157.25	76.896	43.369	802.3	26.435	0
"2012-04-11	16:00:00"	14.712	154.38	78.927	39.04	755.08	26.412	0
"2012-04-11	17:00:00"	14.323	146.12	78.736	37.572	540.73	26.391	0
"2012-04-11	18:00:00"	15.029	147.14	76.53	43.222	277.18	26.382	0
"2012-04-11	19:00:00"	15.978	151.32	72.386	54.718	80.125	26.373	0
"2012-04-11	20:00:00"	14.311	144.58	68.989	62.508	19.232	26.37	0
"2012-04-11	21:00:00"	10.348	152.65	66.905	69.075	0.09073	26.409	0
"2012-04-11	22:00:00"	7.4726	152.95	63.987	79.73	0.07144	26.409	0
"2012-04-11	23:00:00"	8.414	114.77	62.662	83.678	0.07822	26.432	0
"2012-04-12	00:00:00"	10.711	135.57	62.557	85.232	0.07398	26.4	0
"2012-04-12	01:00:00"	8.3233	121.27	62.136	86.718	0.085	26.412	0
"2012-04-12	02:00:00"	8.2114	119.34	61.13	86.409	0.07017	26.394	0
"2012-04-12	03:00:00"	7.3949	133.94	59.805	86.468	0.05702	26.388	0
"2012-04-12	04:00:00"	5.9844	161.98	59.131	86.167	0.06423	26.376	0
"2012-04-12	05:00:00"	4.6578	154.36	58.094	86.779	0.07038	26.385	0
"2012-04-12	06:00:00"	7.91	176.01	59.301	81.806	0.05554	26.379	0
"2012-04-12	07:00:00"	10.322	173.51	59.039	84.128	0.06063	26.361	0
"2012-04-12	08:00:00"	8.8589	188.15	57.666	88.889	11.998	26.382	0
"2012-04-12	09:00:00"	10.909	200.07	58.901	88.975	74.107	26.388	0
"2012-04-12	10:00:00"	14.296	207.99	60.867	85.751	248.21	26.394	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-12	11:00:00"	13.302	217.38	64.648	75.981	634.2	26.4	0
"2012-04-12	12:00:00"	12.112	232.96	70.256	57.329	854.66	26.394	0
"2012-04-12	13:00:00"	12.347	244.15	75.29	34.17	934.42	26.379	0
"2012-04-12	14:00:00"	12.956	237.28	78.029	24.869	1021.6	26.358	0
"2012-04-12	15:00:00"	15.626	239.52	80.267	19.504	998.15	26.335	0
"2012-04-12	16:00:00"	19.234	229.71	81.534	14.948	866.19	26.311	0
"2012-04-12	17:00:00"	19.23	231.96	82.002	13.491	604.82	26.291	0
"2012-04-12	18:00:00"	16.51	228.43	82.242	13.349	411.96	26.27	0
"2012-04-12	19:00:00"	15.209	231.93	82.127	12.004	212.6	26.264	0
"2012-04-12	20:00:00"	14.313	248.46	80.444	11.799	85.798	26.285	0
"2012-04-12	21:00:00"	6.886	272.26	76.369	13.857	5.8227	26.288	0
"2012-04-12	22:00:00"	5.0971	284.05	72.182	16.442	0.05193	26.299	0
"2012-04-12	23:00:00"	5.1437	119.09	68.959	18.901	0.08373	26.341	0
"2012-04-13	00:00:00"	4.0582	189.69	64.981	40.474	0.06911	26.35	0
"2012-04-13	01:00:00"	4.2626	200.87	63.358	70.14	0.05681	26.358	0
"2012-04-13	02:00:00"	6.2541	210.17	64.542	79.948	0.0602	0	0
"2012-04-13	03:00:00"	5.3898	185.57	61.793	88.334	0.05299	26.332	0
"2012-04-13	04:00:00"	5.5032	166.28	61.142	91.978	0.06338	26.323	0
"2012-04-13	05:00:00"	1.8418	220.29	58.306	94.292	0.0655	26.335	0
"2012-04-13	06:00:00"	2.1394	234.82	56.57	94.938	0.07483	26.338	0
"2012-04-13	07:00:00"	2.4072	287.48	56.888	95.717	0.08331	26.353	0
"2012-04-13	08:00:00"	1.8995	275.74	58.559	95.885	11.907	26.367	0
"2012-04-13	09:00:00"	4.2937	222.22	60.552	95.982	76.752	26.385	0
"2012-04-13	10:00:00"	4.8442	220.82	61.602	94.834	154.85	26.382	0
"2012-04-13	11:00:00"	2.662	276.56	65.511	73.805	581.73	26.385	0
"2012-04-13	12:00:00"	5.0772	244.18	71.829	43.957	819.9	26.364	0
"2012-04-13	13:00:00"	6.5002	249.84	76.103	25.909	937.84	26.344	0
"2012-04-13	14:00:00"	7.9666	244.08	78.355	17.451	989.02	26.317	0
"2012-04-13	15:00:00"	10.191	218.16	80.764	14.287	998.17	26.288	0
"2012-04-13	16:00:00"	12.28	220	82.475	11.671	913.83	26.264	0
"2012-04-13	17:00:00"	14.587	218.44	82.4	8.5022	658.46	26.24	0
"2012-04-13	18:00:00"	14.228	199.84	82.563	8.9086	505.43	26.226	0
"2012-04-13	19:00:00"	12.793	194.74	82.757	10.071	297.81	26.214	0
"2012-04-13	20:00:00"	10.428	184.18	81.066	12.538	88.459	26.211	0
"2012-04-13	21:00:00"	6.996	158.06	75.114	16.66	2.5238	26.208	0
"2012-04-13	22:00:00"	12.778	154.33	73.394	38.385	0.05003	26.22	0
"2012-04-13	23:00:00"	16.655	161.88	71.685	59.071	0.06253	26.223	0
"2012-04-14	00:00:00"	14.438	154.55	68.362	69.684	0.08924	26.217	0
"2012-04-14	01:00:00"	15.934	162.9	67.522	74.625	0.06423	26.199	0
"2012-04-14	02:00:00"	16.978	169.04	67.844	77.762	0.07038	26.181	0
"2012-04-14	03:00:00"	14.063	173.73	66.382	80.144	0.04939	26.161	0
"2012-04-14	04:00:00"	12.092	180.41	65.172	82.715	0.05109	26.161	0
"2012-04-14	05:00:00"	11.741	184.11	64.602	84.076	0.05554	26.169	0
"2012-04-14	06:00:00"	9.4914	188.41	63.575	86.39	0.04982	26.169	0
"2012-04-14	07:00:00"	7.8019	176.49	61.501	90.252	0.05045	26.172	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-14	08:00:00"	6.722	174.93	59.77	93.603	26.556	26.19	0
"2012-04-14	09:00:00"	11.096	173.84	61.771	92.329	208.41	26.19	0
"2012-04-14	10:00:00"	14.08	182.16	67.269	69.491	461.41	26.187	0
"2012-04-14	11:00:00"	13.138	195.62	72.678	40.682	681.35	26.193	0
"2012-04-14	12:00:00"	16.229	191.82	76.338	36.96	850.54	26.167	0
"2012-04-14	13:00:00"	22.138	208.96	80.134	19.954	969.69	26.149	0
"2012-04-14	14:00:00"	20.984	213.74	82.547	10.726	1028	26.119	0
"2012-04-14	15:00:00"	21.807	216.23	84.968	8.3989	1006	26.081	0
"2012-04-14	16:00:00"	24.737	220.17	86.299	6.8761	908.69	26.054	0
"2012-04-14	17:00:00"	25.865	216.89	86.817	6.3667	740.6	26.022	0
"2012-04-14	18:00:00"	25.612	222.06	87.308	6.0058	535.73	26.01	0
"2012-04-14	19:00:00"	24.805	224.98	86.66	5.952	304.1	26.007	0
"2012-04-14	20:00:00"	19.752	217.22	85.16	5.9306	97.024	26.001	0
"2012-04-14	21:00:00"	12.289	241.36	81.175	7.497	5.4606	26.045	0
"2012-04-14	22:00:00"	15.343	290.74	75.701	13.463	0.06338	26.096	0
"2012-04-14	23:00:00"	14.689	295.14	71.437	15.543	0.05872	26.152	0
"2012-04-15	00:00:00"	13.638	293.08	67.086	18.738	0.06444	26.196	0
"2012-04-15	01:00:00"	14.051	302.3	63.016	22.108	0.06381	26.202	0
"2012-04-15	02:00:00"	15.065	326.4	56.641	28.51	0.06805	26.214	0
"2012-04-15	03:00:00"	14.22	321.46	53.409	32.109	0.07674	26.232	0
"2012-04-15	04:00:00"	12.477	317.72	51.312	32.408	0.06826	26.234	0
"2012-04-15	05:00:00"	13.675	304.03	50.028	32.653	0.05893	26.237	0
"2012-04-15	06:00:00"	9.1714	299.72	48.604	33.223	0.06571	26.279	0
"2012-04-15	07:00:00"	6.4703	301.08	47.295	32.698	0.07525	26.314	0
"2012-04-15	08:00:00"	4.344	315.38	45.636	31.687	34.265	26.323	0
"2012-04-15	09:00:00"	7.3415	275.14	47.74	28.084	237.67	26.332	0
"2012-04-15	10:00:00"	14.449	292.69	51.755	23.204	493.62	26.341	0
"2012-04-15	11:00:00"	16.225	270.03	55.16	19.843	717.77	26.341	0
"2012-04-15	12:00:00"	17.18	255.98	58.112	17.367	892.64	26.341	0
"2012-04-15	13:00:00"	18.123	260.37	60.4	15.071	1010.4	26.338	0
"2012-04-15	14:00:00"	20.392	266.91	62.942	13.635	1053.9	26.347	0
"2012-04-15	15:00:00"	16.228	267.43	64.545	11.394	1028.7	26.332	0
"2012-04-15	16:00:00"	16.302	274.27	66.179	10.924	922.48	26.326	0
"2012-04-15	17:00:00"	15.687	271.4	67.281	11.25	756.63	26.323	0
"2012-04-15	18:00:00"	13.179	265.97	68.567	10.994	549.19	26.326	0
"2012-04-15	19:00:00"	12.033	259.55	69.243	10.336	317.99	26.341	0
"2012-04-15	20:00:00"	7.8324	261.49	68.529	10.173	109.8	26.353	0
"2012-04-15	21:00:00"	3.3461	258.19	63.841	11.671	7.6353	26.376	0
"2012-04-15	22:00:00"	1.4435	222.81	58.29	13.614	0.08076	26.409	0
"2012-04-15	23:00:00"	4.0252	282.83	55.044	15.633	0.07758	26.444	0
"2012-04-16	00:00:00"	2.8291	290.75	55.33	16.672	0.06762	26.444	0
"2012-04-16	01:00:00"	2.7943	324.06	52.187	18.932	0.0619	26.447	0
"2012-04-16	02:00:00"	4.6882	334.86	52.13	20.004	0.05808	26.462	0
"2012-04-16	03:00:00"	4.1327	341.79	49.408	23.045	0.06232	26.462	0
"2012-04-16	04:00:00"	5.4668	0.23694	49.355	25.756	0.06635	26.477	0

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"2012-04-16	05:00:00"	9.5933	6.1442	48.619	33.327	0.06699	26.483	0
"2012-04-16	06:00:00"	10.124	13.334	45.434	48.429	0.07059	26.497	0
"2012-04-16	07:00:00"	9.8158	22.584	42.723	55.124	0.07207	26.518	0
"2012-04-16	08:00:00"	9.9687	28.47	41.881	57.863	37.89	26.542	0
"2012-04-16	09:00:00"	9.0061	28.977	47.558	51.134	238.88	26.574	0
"2012-04-16	10:00:00"	10.188	61.364	54.619	41.484	481.13	26.589	0
"2012-04-16	11:00:00"	10.17	80.415	59.748	35.228	700.71	26.595	0
"2012-04-16	12:00:00"	7.4484	104.15	64.322	28.461	875.12	26.595	0
"2012-04-16	13:00:00"	4.4726	281.95	67.432	21.766	970.17	26.586	0
"2012-04-16	14:00:00"	6.6313	335.72	69.571	18.548	974.72	26.559	0
"2012-04-16	15:00:00"	8.0573	222.4	71.624	15.195	1020.3	26.542	0
"2012-04-16	16:00:00"	7.0917	249.53	73.066	13.306	877.79	26.524	0
"2012-04-16	17:00:00"	7.7491	249.06	72.829	12.683	451.12	26.512	0
"2012-04-16	18:00:00"	6.7071	269.25	72.928	11.761	379.89	26.512	0
"2012-04-16	19:00:00"	6.7835	264.59	73.717	10.639	298.3	26.518	0
"2012-04-16	20:00:00"	7.7671	302.92	72.613	10.604	113.15	26.527	0
"2012-04-16	21:00:00"	4.1278	342.37	68.276	11.882	8.0226	26.539	0
"2012-04-16	22:00:00"	5.1145	27.008	62.803	13.767	0.05448	26.562	0
"2012-04-16	23:00:00"	6.4449	36.357	59.14	15.123	0.06699	26.58	0
"2012-04-17	00:00:00"	7.595	92.947	55.637	30.471	0.06423	26.592	0
"2012-04-17	01:00:00"	9.123	108.62	56.589	41.724	0.0708	26.604	0
"2012-04-17	02:00:00"	8.7334	85.91	54.629	46.599	0.06084	26.621	0
"2012-04-17	03:00:00"	9.415	99.799	52.479	52.757	0.06805	26.624	0
"2012-04-17	04:00:00"	7.3284	94.953	49.393	57.767	0.07017	26.621	0
"2012-04-17	05:00:00"	7.8274	113.59	49.462	61.886	0.07038	26.618	0
"2012-04-17	06:00:00"	8.1555	114.86	48.769	66.156	0.07949	26.624	0
"2012-04-17	07:00:00"	8.4121	118.13	48.146	70.162	0.05745	26.633	0
"2012-04-17	08:00:00"	6.3976	132.64	47.403	72.514	36.791	26.654	0
"2012-04-17	09:00:00"	8.473	155.64	52.201	63.276	237.09	26.669	0
"2012-04-17	10:00:00"	9.927	178.1	59.122	46.844	479.87	26.674	0
"2012-04-17	11:00:00"	13.795	190.43	64.63	34.054	699.53	26.677	0
"2012-04-17	12:00:00"	13.392	190.25	68.12	28.34	874.51	26.674	0
"2012-04-17	13:00:00"	12.463	195.84	71.944	23.976	989.16	26.651	0
"2012-04-17	14:00:00"	11.59	191.12	75.07	17.598	1037.7	26.63	0
"2012-04-17	15:00:00"	10.906	189.6	76.496	13.459	1007.8	26.601	0
"2012-04-17	16:00:00"	12.337	180.69	77.646	12.233	913.37	26.577	0
"2012-04-17	17:00:00"	11.998	176.59	78.117	12.276	752.85	26.547	0
"2012-04-17	18:00:00"	12.318	174.19	78.43	12.497	545.95	26.536	0
"2012-04-17	19:00:00"	12.888	173.91	78.078	12.574	316.31	26.527	0
"2012-04-17	20:00:00"	13.017	170.62	76.29	12.956	111.55	26.518	0
"2012-04-17	21:00:00"	7.6739	155.05	70.972	15.348	7.6883	26.524	0
"2012-04-17	22:00:00"	6.5449	135.3	65.351	19.149	0.07568	26.539	0
"2012-04-17	23:00:00"	8.3692	140.44	64.254	21.763	0.06614	26.545	0
"2012-04-18	00:00:00"	9.1317	149.85	63.004	24.419	0.06635	26.547	0
"2012-04-18	01:00:00"	7.3253	152.85	60.505	27.181	0.05088	26.547	0

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"2012-04-18	02:00:00"	7.1638	165.45	59.002	29.596	0.05193	26.539	0
"2012-04-18	03:00:00"	7.0662	164.22	59.108	30.558	0.07992	26.53	0
"2012-04-18	04:00:00"	6.315	161.09	57.113	34.331	0.08161	26.515	0
"2012-04-18	05:00:00"	5.8079	163.04	54.773	38.393	0.06932	26.515	0
"2012-04-18	06:00:00"	6.036	171.96	53.809	40.431	0.06402	26.509	0
"2012-04-18	07:00:00"	7.5577	169.82	53.703	43.026	0.07546	26.518	0
"2012-04-18	08:00:00"	11.11	170.98	56.031	46.939	38.481	26.527	0
"2012-04-18	09:00:00"	14.779	176.67	59.208	49.127	238.48	26.533	0
"2012-04-18	10:00:00"	16.518	181.99	63.819	43.84	476.83	26.536	0
"2012-04-18	11:00:00"	14.679	193.69	68.752	34.6	695.68	26.533	0
"2012-04-18	12:00:00"	12.972	194.66	73.39	27.919	869.57	26.524	0
"2012-04-18	13:00:00"	11.597	188.33	77.608	23.26	980.74	26.509	0
"2012-04-18	14:00:00"	12.598	195.68	81.103	19.251	1022.7	26.483	0
"2012-04-18	15:00:00"	12.913	212.28	83.939	15.837	993.28	26.462	0
"2012-04-18	16:00:00"	11.068	195.55	85.293	14.892	891.02	26.42	0
"2012-04-18	17:00:00"	13.654	208.25	87.224	13.062	733.6	26.385	0
"2012-04-18	18:00:00"	12.754	208.78	88.102	11.677	529.27	26.364	0
"2012-04-18	19:00:00"	12.286	210.62	88.157	10.129	303.73	26.347	0
"2012-04-18	20:00:00"	14.376	181.92	85.27	13.711	104.74	26.338	0
"2012-04-18	21:00:00"	12.355	169.02	79.525	18.54	7.4657	26.341	0
"2012-04-18	22:00:00"	10.955	172.47	75.629	22.521	0.06635	26.358	0
"2012-04-18	23:00:00"	12.285	172.87	72.96	27.532	0.07652	26.364	0
"2012-04-19	00:00:00"	12.463	179.64	70.527	33.068	0.04748	26.367	0
"2012-04-19	01:00:00"	11.054	182.02	68.133	37.181	0.07038	26.367	0
"2012-04-19	02:00:00"	11.048	180.35	66.151	39.03	0.06275	26.353	0
"2012-04-19	03:00:00"	10.518	185.67	64.514	41.084	0.06126	26.341	0
"2012-04-19	04:00:00"	7.129	207.51	62.349	44.136	0.06508	26.338	0
"2012-04-19	05:00:00"	4.8691	214.12	58.493	49.677	0.06232	26.323	0
"2012-04-19	06:00:00"	3.8935	234.8	55.395	54.93	0.07652	26.326	0
"2012-04-19	07:00:00"	4.2079	263.31	54.771	56.394	0.039	26.338	0
"2012-04-19	08:00:00"	4.3819	269.87	54.69	56.69	38.555	26.358	0
"2012-04-19	09:00:00"	5.4041	249.04	58.33	50.965	238.87	26.37	0
"2012-04-19	10:00:00"	7.0712	241.41	65.526	38.747	480.18	26.382	0
"2012-04-19	11:00:00"	7.3092	274.36	73.292	25.857	698.25	26.388	0
"2012-04-19	12:00:00"	7.4596	295.74	81.632	11.939	868.75	26.373	0
"2012-04-19	13:00:00"	12.052	297.54	84.859	7.8708	984.23	26.353	0
"2012-04-19	14:00:00"	12.439	289.39	85.538	7.8461	819.85	26.341	0
"2012-04-19	15:00:00"	12.667	285.24	84.781	8.2086	564.02	26.317	0
"2012-04-19	16:00:00"	12.147	261.97	86.653	6.962	825.15	26.285	0
"2012-04-19	17:00:00"	16.879	259.69	87.065	6.7828	457.91	26.267	0
"2012-04-19	18:00:00"	15.818	255.92	85.815	6.9075	372.81	26.255	0
"2012-04-19	19:00:00"	13.009	258.72	84.466	6.9517	141	26.249	0
"2012-04-19	20:00:00"	9.3274	263.79	84.283	6.6306	142.12	26.255	0
"2012-04-19	21:00:00"	10.496	28.798	77.179	14.2	10.865	26.276	0
"2012-04-19	22:00:00"	7.3782	60.253	68.579	20.711	0.05109	26.282	0

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"2012-04-19	23:00:00"	7.8075	38.233	62.985	29.441	0.07101	26.314	0
"2012-04-20	00:00:00"	7.129	35.083	61.435	40.858	0.06423	26.32	0
"2012-04-20	01:00:00"	12.077	44.197	61.894	47.06	0.05851	26.335	0
"2012-04-20	02:00:00"	12.261	48.409	62.268	43.994	0.07059	26.356	0
"2012-04-20	03:00:00"	12.437	47.551	62.935	42.399	0.0744	26.376	0
"2012-04-20	04:00:00"	11.969	52.283	62.263	48.573	0.08288	26.37	0
"2012-04-20	05:00:00"	8.7141	62.256	61.424	50.613	0.07674	26.385	0
"2012-04-20	06:00:00"	8.2835	12.358	58.813	54.761	0.04812	26.42	0
"2012-04-20	07:00:00"	11.79	2.9558	54.338	63.458	0.05829	26.438	0
"2012-04-20	08:00:00"	12.529	13.373	52.55	68.352	38.106	26.459	0
"2012-04-20	09:00:00"	18.334	16.148	55.355	61.59	235.26	26.488	0
"2012-04-20	10:00:00"	20.382	26.238	59.302	53.459	473.84	26.515	0
"2012-04-20	11:00:00"	19.17	26.122	63.33	41.865	693.07	26.542	0
"2012-04-20	12:00:00"	17.411	30.63	66.223	38.409	865.41	26.556	0
"2012-04-20	13:00:00"	14.968	29.769	68.457	35.178	979	26.559	0
"2012-04-20	14:00:00"	12.984	30.47	70.737	29.18	1031.7	26.545	0
"2012-04-20	15:00:00"	11.663	43.296	72.452	25.563	1031.3	26.542	0
"2012-04-20	16:00:00"	12.081	46.041	73.277	22.952	855.3	26.527	0
"2012-04-20	17:00:00"	11.016	3.5638	74.317	20.816	747.02	26.503	0
"2012-04-20	18:00:00"	10.282	21.423	74.113	21.441	474.11	26.5	0
"2012-04-20	19:00:00"	9.9252	3.9207	74.094	21.724	315.09	26.5	0
"2012-04-20	20:00:00"	9.8444	11.422	72.958	21.447	112.29	26.509	0
"2012-04-20	21:00:00"	5.7166	26.159	68.066	24.284	8.9958	26.518	0
"2012-04-20	22:00:00"	5.0138	50.561	61.274	30.019	0.06847	26.536	0
"2012-04-20	23:00:00"	5.8981	69.341	58.904	33.36	0.0443	26.524	0
"2012-04-21	00:00:00"	5.0604	61.501	56.942	36.021	0.04303	26.545	0
"2012-04-21	01:00:00"	5.002	74.432	54.898	38.783	0.09242	26.545	0
"2012-04-21	02:00:00"	5.4662	76.117	53.658	40.904	0.05978	26.539	0
"2012-04-21	03:00:00"	6.3392	84.721	52.603	43.749	0.0778	26.533	0
"2012-04-21	04:00:00"	7.5615	101.2	52.342	49.502	0.06656	26.524	0
"2012-04-21	05:00:00"	6.9364	115.78	50.568	56.493	0.06296	26.53	0
"2012-04-21	06:00:00"	5.5911	121.14	48.825	61.446	0.0566	26.524	0
"2012-04-21	07:00:00"	5.5544	116.14	47.684	66.571	0.09348	26.527	0
"2012-04-21	08:00:00"	5.9384	128.28	48.138	68.384	47.307	26.536	0
"2012-04-21	09:00:00"	9.7897	152.95	53.829	57.679	249.08	26.55	0
"2012-04-21	10:00:00"	12.552	171.68	60.336	44.323	485.66	26.55	0
"2012-04-21	11:00:00"	11.953	182.6	65.638	36.057	700.89	26.547	0
"2012-04-21	12:00:00"	11.789	191.11	70.49	29.293	872.04	26.539	0
"2012-04-21	13:00:00"	11.385	195.02	74.384	24.266	984.96	26.53	0
"2012-04-21	14:00:00"	8.5451	224.22	77.494	21.074	1028.1	26.509	0
"2012-04-21	15:00:00"	7.4738	233.37	79.842	19.347	997.77	26.491	0
"2012-04-21	16:00:00"	5.9981	247.86	81.921	17.513	898.52	26.468	0
"2012-04-21	17:00:00"	6.279	234	83.658	16.304	741.11	26.444	0
"2012-04-21	18:00:00"	5.3836	219.66	84.53	15.274	540.13	26.429	0
"2012-04-21	19:00:00"	6.159	172.68	84.916	14.955	315.75	26.432	0

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"2012-04-21	20:00:00"	6.4225	158.45	83.38	15.606	113.64	26.435	0
"2012-04-21	21:00:00"	4.3167	130.51	76.567	19.526	9.527	26.447	0
"2012-04-21	22:00:00"	5.6886	121.85	71.69	23.477	0.06084	26.471	0
"2012-04-21	23:00:00"	6.2678	107.85	69.616	24.942	0.07207	26.491	0
"2012-04-22	00:00:00"	6.7729	136.23	68.931	25.012	0.06847	26.503	0
"2012-04-22	01:00:00"	5.6886	149.18	65.349	28.112	0.05723	26.506	0
"2012-04-22	02:00:00"	5.2705	149.55	63.247	30.608	0.04897	26.512	0
"2012-04-22	03:00:00"	3.9097	140.36	61.967	32.491	0.08034	26.506	0
"2012-04-22	04:00:00"	4.943	131.71	60.241	34.737	0.0761	26.509	0
"2012-04-22	05:00:00"	4.9703	76.358	57.295	38.233	0.07398	26.509	0
"2012-04-22	06:00:00"	5.816	38.985	53.157	43.211	0.05702	26.512	0
"2012-04-22	07:00:00"	5.5134	40.741	52.583	44.631	0.07737	26.521	0
"2012-04-22	08:00:00"	4.5578	39.815	55.233	41.797	50.67	26.55	0
"2012-04-22	09:00:00"	5.8067	49.756	59.527	38.731	249.51	26.565	0
"2012-04-22	10:00:00"	7.6491	140.11	68.956	29.151	483.29	26.574	0
"2012-04-22	11:00:00"	9.3746	158.78	73.711	25.394	697.68	26.58	0
"2012-04-22	12:00:00"	9.2845	136.37	79.389	21.128	867.32	26.58	0
"2012-04-22	13:00:00"	12.115	140.71	83.411	16.408	980.85	26.574	0
"2012-04-22	14:00:00"	11.585	132.82	84.499	14.97	1021	26.562	0
"2012-04-22	15:00:00"	11.096	153.94	85.874	13.719	992.15	26.542	0
"2012-04-22	16:00:00"	9.4815	145.67	87.052	12.648	893.72	26.521	0
"2012-04-22	17:00:00"	8.1853	138.74	86.911	12.931	602.52	26.506	0
"2012-04-22	18:00:00"	8.4935	120.4	87.278	12.984	521.75	26.494	0
"2012-04-22	19:00:00"	8.8191	136.8	85.935	13.302	174.71	26.497	0
"2012-04-22	20:00:00"	6.6884	123.9	83.885	14.277	69.795	26.5	0
"2012-04-22	21:00:00"	6.2932	105.04	79.756	16.933	5.2855	26.518	0
"2012-04-22	22:00:00"	12.105	92.422	76.078	21.659	0.05511	26.547	0
"2012-04-22	23:00:00"	14.185	92.186	73.588	26.306	0.06402	26.583	0
"2012-04-23	00:00:00"	13.888	89.875	70.89	28.563	0.04515	26.595	0
"2012-04-23	01:00:00"	16.42	91.872	66.832	37.504	0.05745	26.609	0
"2012-04-23	02:00:00"	14.53	85.344	62.76	43.431	0.04091	26.612	0
"2012-04-23	03:00:00"	13.409	83.797	60.112	46.747	0.07038	26.609	0
"2012-04-23	04:00:00"	12.321	84.378	58.059	48.454	0.06381	26.601	0
"2012-04-23	05:00:00"	12.637	84.746	56.23	50.285	0.05299	26.609	0
"2012-04-23	06:00:00"	9.3442	75.804	53.848	54.005	0.07292	26.624	0
"2012-04-23	07:00:00"	9.6518	67.642	52.531	56.188	0.06677	26.666	0
"2012-04-23	08:00:00"	13.176	61.524	51.945	54.52	29.49	26.677	0
"2012-04-23	09:00:00"	15.204	81.845	55.158	44.919	234.03	26.654	0
"2012-04-23	10:00:00"	17.388	92.496	58.842	32.584	463.72	26.666	0
"2012-04-23	11:00:00"	16	98.13	62.952	26.263	648.93	26.657	0
"2012-04-23	12:00:00"	13.98	122.88	63.947	26.873	394.98	26.669	0
"2012-04-23	13:00:00"	9.0813	135.2	66.948	25.996	782.17	26.642	0
"2012-04-23	14:00:00"	8.7116	140.49	69.691	24.819	1008.4	26.607	0
"2012-04-23	15:00:00"	10.29	136.27	72.885	23.647	987.07	26.577	0
"2012-04-23	16:00:00"	9.7257	148.46	75.243	23.032	889	26.55	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-23	17:00:00"	9.8525	143.86	77.167	22.123	732.03	26.521	0
"2012-04-23	18:00:00"	9.881	141.34	77.991	22.128	534.01	26.503	0
"2012-04-23	19:00:00"	9.2261	156.15	78.856	22.46	313.29	26.483	0
"2012-04-23	20:00:00"	9.2373	159.71	77.914	23.363	115.14	26.477	0
"2012-04-23	21:00:00"	5.3102	153.59	73.159	27.171	10.359	26.483	0
"2012-04-23	22:00:00"	5.2214	137.38	68.394	32.432	0.05554	26.488	0
"2012-04-23	23:00:00"	6.0695	137.28	66.972	34.822	0.07801	26.5	0
"2012-04-24	00:00:00"	5.2711	137.72	66.459	36.389	0.06465	26.512	0
"2012-04-24	01:00:00"	4.4447	114.03	64.198	39.449	0.05257	26.5	0
"2012-04-24	02:00:00"	5.0754	126.23	62.035	42.098	0.06211	26.477	0
"2012-04-24	03:00:00"	5.0716	142.67	60.834	43.765	0.07356	26.465	0
"2012-04-24	04:00:00"	4.2614	86.876	59.344	45.527	0.05723	26.462	0
"2012-04-24	05:00:00"	6.2286	54.927	55.647	51.048	0.0655	26.468	0
"2012-04-24	06:00:00"	5.7147	56.011	55.113	52.246	0.0655	26.438	0
"2012-04-24	07:00:00"	7.2812	76.104	58.499	46.533	0.08734	26.444	0
"2012-04-24	08:00:00"	6.2149	117.74	58.579	45.803	23.974	26.465	0
"2012-04-24	09:00:00"	4.239	95.862	59.747	45.724	92.905	26.471	0
"2012-04-24	10:00:00"	6.0124	146.84	65.218	38.98	398.31	26.477	0
"2012-04-24	11:00:00"	5.2313	173.89	69.366	34.389	704.63	26.477	0
"2012-04-24	12:00:00"	3.6102	165.41	75.508	28.256	862.88	26.474	0
"2012-04-24	13:00:00"	5.2605	186.46	80.745	23.695	974.71	26.45	0
"2012-04-24	14:00:00"	7.3496	193.23	85.831	19.909	1015.5	26.42	0
"2012-04-24	15:00:00"	6.755	208.99	89.173	15.933	983.58	26.397	0
"2012-04-24	16:00:00"	6.7344	226.26	91.488	13.93	886.13	26.37	0
"2012-04-24	17:00:00"	7.4018	208.34	92.825	12.555	741.7	26.344	0
"2012-04-24	18:00:00"	6.6263	227.42	92.629	12.283	402.2	26.326	0
"2012-04-24	19:00:00"	8.7775	237.89	92.458	11.324	248.2	26.317	0
"2012-04-24	20:00:00"	7.605	271.18	90.225	10.865	74.832	26.308	0
"2012-04-24	21:00:00"	3.1205	257.71	83.946	13.474	6.4565	26.317	0
"2012-04-24	22:00:00"	1.5926	201.16	77.59	16.394	0.06487	26.329	0
"2012-04-24	23:00:00"	5.8875	165.46	76.373	20.127	0.05405	26.338	0
"2012-04-25	00:00:00"	6.3461	164.62	73.619	27.47	0.08076	26.341	0
"2012-04-25	01:00:00"	8.3052	180.26	72.109	31.501	0.0602	26.353	0
"2012-04-25	02:00:00"	8.2419	184.59	71.159	36.854	0.06911	26.356	0
"2012-04-25	03:00:00"	5.7607	187.34	67.833	45.73	0.05088	26.344	0
"2012-04-25	04:00:00"	3.7183	223.98	63.771	53.241	0.0619	26.341	0
"2012-04-25	05:00:00"	2.8328	241.9	61.291	55.88	0.0744	26.341	0
"2012-04-25	06:00:00"	3.1802	232.19	60.194	56.417	0.05851	26.341	0
"2012-04-25	07:00:00"	3.9084	240.18	58.639	58.712	0.09772	26.344	0
"2012-04-25	08:00:00"	3.4697	263.52	57.87	59.759	53.693	26.361	0
"2012-04-25	09:00:00"	5.8353	249.01	63.601	51.384	259.93	26.373	0
"2012-04-25	10:00:00"	7.6882	244.14	72.851	33.513	488.98	26.379	0
"2012-04-25	11:00:00"	8.2891	284.99	83.63	16.25	709.09	26.379	0
"2012-04-25	12:00:00"	8.4407	309.74	89.98	9.9486	882.95	26.376	0
"2012-04-25	13:00:00"	9.7679	306.53	94.211	7.3817	991.02	26.364	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-25	14:00:00"	10.01	291.26	96.191	6.875	1028.2	26.347	0
"2012-04-25	15:00:00"	11.525	284.81	97.143	6.3514	1001.5	26.341	0
"2012-04-25	16:00:00"	10.937	292.75	97.579	6.0547	914.61	26.314	0
"2012-04-25	17:00:00"	10.056	273.15	97.511	6.1875	638.17	26.296	0
"2012-04-25	18:00:00"	9.0745	278.38	97.567	5.9428	507.71	26.285	0
"2012-04-25	19:00:00"	7.8516	256.09	96.51	6.6194	233.52	26.285	0
"2012-04-25	20:00:00"	7.9045	281.95	94.523	5.56	104.46	26.291	0
"2012-04-25	21:00:00"	2.4314	274.71	87.939	7.4	7.428	26.305	0
"2012-04-25	22:00:00"	1.0626	239.45	83.744	8.923	0.06847	26.32	0
"2012-04-25	23:00:00"	2.5675	279.38	80.566	10.084	0.05193	26.338	0
"2012-04-26	00:00:00"	4.9728	290.02	80.595	9.9764	0.05723	26.344	0
"2012-04-26	01:00:00"	5.0138	347.53	77.255	11.891	0.05299	26.338	0
"2012-04-26	02:00:00"	7.2899	336.41	75.452	14.23	0.04876	26.341	0
"2012-04-26	03:00:00"	7.4397	339.16	74.12	15.029	0.06741	26.326	0
"2012-04-26	04:00:00"	7.8902	339.15	73.51	15.527	0.0708	26.323	0
"2012-04-26	05:00:00"	7.5186	324.84	69.911	17.558	0.05533	26.338	0
"2012-04-26	06:00:00"	6.8904	324.63	67.741	18.755	0.04854	26.358	0
"2012-04-26	07:00:00"	7.0277	310.23	67.381	19.079	0.09306	26.367	0
"2012-04-26	08:00:00"	4.2259	312.31	65.175	20.944	60.518	26.376	0
"2012-04-26	09:00:00"	5.3947	341.36	73.002	19.1	253.95	26.388	0
"2012-04-26	10:00:00"	10.159	24.798	79.401	18.238	358.88	26.382	0
"2012-04-26	11:00:00"	7.7827	31.414	81.222	19.904	411.03	26.385	0
"2012-04-26	12:00:00"	5.583	2.3455	85.433	17.855	595.41	26.388	0
"2012-04-26	13:00:00"	3.292	47.941	89.527	14.692	518.06	26.37	0
"2012-04-26	14:00:00"	5.8272	192.1	90.539	12.919	327.48	26.364	0
"2012-04-26	15:00:00"	5.9049	212.67	90.83	11.711	327.51	26.353	0
"2012-04-26	16:00:00"	8.4506	207.95	91.343	11.15	365.92	26.338	0
"2012-04-26	17:00:00"	10.399	193.28	91.878	9.8297	479.26	26.296	0
"2012-04-26	18:00:00"	13.727	177.9	92.936	9.1664	501.45	26.276	0
"2012-04-26	19:00:00"	15.546	174.9	92.299	9.1639	351.16	26.255	0
"2012-04-26	20:00:00"	12.181	185.1	90.947	9.505	122.62	26.252	0
"2012-04-26	21:00:00"	6.0683	186.67	84.011	10.387	10.826	26.243	0
"2012-04-26	22:00:00"	6.2081	171.72	77.395	14.937	0.0602	26.246	0
"2012-04-26	23:00:00"	5.1686	166.61	72.533	18.872	0.06465	26.246	0
"2012-04-27	00:00:00"	2.67	204.65	70.914	19.909	0.07589	26.24	0
"2012-04-27	01:00:00"	5.0971	248.54	70.368	19.714	0.05448	26.261	0
"2012-04-27	02:00:00"	3.2187	280.88	70.655	18.631	0.07546	26.249	0
"2012-04-27	03:00:00"	6.525	287.79	72.283	18.044	0.06296	26.243	0
"2012-04-27	04:00:00"	13.642	288.31	75.82	18.654	0.05533	26.246	0
"2012-04-27	05:00:00"	9.6679	295.35	72.319	21.413	0.05978	26.261	0
"2012-04-27	06:00:00"	11.725	305.77	69.717	24.058	0.0619	26.282	0
"2012-04-27	07:00:00"	7.38	343.66	60.769	34.858	0.13312	26.299	0
"2012-04-27	08:00:00"	5.4357	356.06	57.832	37.149	65.228	26.326	0
"2012-04-27	09:00:00"	8.35	335.7	62.37	29.912	280.5	26.341	0
"2012-04-27	10:00:00"	8.1014	331.96	66.083	25.61	520.19	26.358	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-27	11:00:00"	8.6948	290.26	71.228	20.751	737.53	26.347	0
"2012-04-27	12:00:00"	14.725	267.55	76.494	15.614	911.01	26.338	0
"2012-04-27	13:00:00"	16.587	259.26	80.301	12.139	1022.9	26.323	0
"2012-04-27	14:00:00"	15.376	263.6	83.119	10.409	1062.6	26.296	0
"2012-04-27	15:00:00"	13.791	260.41	86.079	8.967	1028.1	26.273	0
"2012-04-27	16:00:00"	12.162	249.86	87.75	8.3008	929.62	26.246	0
"2012-04-27	17:00:00"	11.331	232.29	89.15	7.6956	766.87	26.22	0
"2012-04-27	18:00:00"	13.123	231.34	89.675	7.0953	565.76	26.208	0
"2012-04-27	19:00:00"	11.306	224.76	89.215	6.9111	336.56	26.205	0
"2012-04-27	20:00:00"	11.439	236.19	88.12	6.8669	126.44	26.199	0
"2012-04-27	21:00:00"	7.0376	232.44	82.482	8.1236	12.428	26.211	0
"2012-04-27	22:00:00"	4.0942	206.54	75.903	10.083	0.05851	26.234	0
"2012-04-27	23:00:00"	3.3374	207.23	73.006	11.368	0.0619	26.249	0
"2012-04-28	00:00:00"	2.4097	199.04	67.845	13.867	0.06169	26.249	0
"2012-04-28	01:00:00"	2.0673	269.19	67.007	14.243	0.0496	26.255	0
"2012-04-28	02:00:00"	3.2007	345.39	63.068	16.329	0.05342	26.255	0
"2012-04-28	03:00:00"	4.075	323.88	65.536	15.561	0.05109	26.243	0
"2012-04-28	04:00:00"	6.4964	338.08	64.763	16.262	0.0672	26.237	0
"2012-04-28	05:00:00"	7.042	346.13	62.927	18.437	0.06147	26.246	0
"2012-04-28	06:00:00"	6.7832	14.262	60.507	21.35	0.05363	26.261	0
"2012-04-28	07:00:00"	3.2187	339.03	53.247	26.156	0.18421	26.282	0
"2012-04-28	08:00:00"	2.8185	31.847	52.116	28.449	66.39	26.294	0
"2012-04-28	09:00:00"	6.4765	39.266	67.686	21.865	280.1	26.305	0
"2012-04-28	10:00:00"	11.655	27.915	73.754	19.053	516.7	26.308	0
"2012-04-28	11:00:00"	11.319	27.448	74.602	18.924	729.12	26.314	0
"2012-04-28	12:00:00"	8.2474	44.778	77.844	16.894	896.68	26.311	0
"2012-04-28	13:00:00"	7.0668	63.16	81.769	14.785	1000.7	26.299	0
"2012-04-28	14:00:00"	5.57	78.589	84.003	12.893	1038.9	26.276	0
"2012-04-28	15:00:00"	6.3411	95.628	85.857	11.556	1009	26.258	0
"2012-04-28	16:00:00"	6.3666	267.58	87.891	10.175	909.87	26.24	0
"2012-04-28	17:00:00"	6.2616	102.76	89.119	9.9019	742.13	26.214	0
"2012-04-28	18:00:00"	5.7508	184.65	90.029	10.183	544.99	26.199	0
"2012-04-28	19:00:00"	7.7609	162.3	90.069	9.6089	324.05	26.193	0
"2012-04-28	20:00:00"	6.9364	164.29	88.646	8.8764	123.47	26.196	0
"2012-04-28	21:00:00"	3.2349	139.33	83.118	10.255	12.827	26.202	0
"2012-04-28	22:00:00"	5.2804	133.27	78.152	13.546	0.07038	26.223	0
"2012-04-28	23:00:00"	14.301	171.79	75.913	38.185	0.06275	26.243	0
"2012-04-29	00:00:00"	15.54	181.16	72.66	51.994	0.07334	26.246	0
"2012-04-29	01:00:00"	11.8	183.31	70.587	57.442	0.0608	26.249	0
"2012-04-29	02:00:00"	7.17	190.99	68.453	61.368	0.07017	26.255	0
"2012-04-29	03:00:00"	5.537	135.36	65.598	66.193	0.06932	26.252	0
"2012-04-29	04:00:00"	6.5002	77.216	64.565	67.594	0.05066	26.255	0
"2012-04-29	05:00:00"	6.5611	82.753	62.98	71.296	0.07059	26.264	0
"2012-04-29	06:00:00"	5.8179	51.777	59.935	76.284	0.0602	26.282	0
"2012-04-29	07:00:00"	5.7918	61.65	57.829	80.348	0.15453	26.291	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-04-29	08:00:00"	5.0169	69.941	58.512	81.527	45.543	26.326	0
"2012-04-29	09:00:00"	6.3106	88.95	62.913	76.938	160.82	26.344	0
"2012-04-29	10:00:00"	5.2904	122.93	67.661	75.058	197.09	26.367	0
"2012-04-29	11:00:00"	7.7808	89.076	69.69	68.049	439.95	26.379	0
"2012-04-29	12:00:00"	7.6031	79.411	73.381	55.825	766.61	26.376	0
"2012-04-29	13:00:00"	7.4937	88.66	76.807	46.568	853.98	26.367	0
"2012-04-29	14:00:00"	5.4991	98.478	79.973	39.053	1038.1	26.344	0
"2012-04-29	15:00:00"	6.6089	38.404	82.176	33.461	906.74	26.32	0
"2012-04-29	16:00:00"	6.0944	92.03	84.021	30.623	818.83	26.302	0
"2012-04-29	17:00:00"	7.2141	147.25	86.154	26.168	684.77	26.294	0
"2012-04-29	18:00:00"	6.292	145.03	86.638	24.379	440.94	26.285	0
"2012-04-29	19:00:00"	7.6764	159.11	86.774	23.691	314.71	26.279	0
"2012-04-29	20:00:00"	15.801	139.97	83.889	35.59	169.4	26.285	0
"2012-04-29	21:00:00"	18.005	144.16	76.697	53.026	21.146	26.311	0
"2012-04-29	22:00:00"	15.46	156.95	72.94	60.411	0.05342	26.338	0
"2012-04-29	23:00:00"	12.682	176.46	70.764	66.012	0.05151	26.356	0
"2012-04-30	00:00:00"	10.728	173.31	68.742	72.489	0.06614	26.358	0
"2012-04-30	01:00:00"	10.117	174.88	67.49	76.409	0.05898	26.364	0
"2012-04-30	02:00:00"	7.6242	174.02	66.057	78.862	0.06932	26.37	0
"2012-04-30	03:00:00"	5.3997	114.39	63.661	81.935	0.05363	26.37	0
"2012-04-30	04:00:00"	6.9351	107.37	62.226	84.028	0.06444	26.367	0
"2012-04-30	05:00:00"	5.9173	95.871	60.528	87.551	0.06805	26.367	0
"2012-04-30	06:00:00"	5.1518	79.152	58.98	89.24	0.07038	26.367	0
"2012-04-30	07:00:00"	3.8562	84.708	56.995	92.036	0.16683	26.376	0
"2012-04-30	08:00:00"	5.1456	63.156	56.353	93.146	64.687	26.394	0
"2012-04-30	09:00:00"	6.3572	134.08	62.02	86.159	268.03	26.403	0
"2012-04-30	10:00:00"	11.298	186.33	68.143	74.835	501.81	26.403	0
"2012-04-30	11:00:00"	9.3523	195.15	73.524	62.418	714	26.412	0
"2012-04-30	12:00:00"	8.5401	193.39	78.689	46.774	882.63	26.409	0
"2012-04-30	13:00:00"	6.3734	203.02	83.723	30.257	985.05	26.391	0
"2012-04-30	14:00:00"	6.9047	180.24	86.98	20.294	1026	26.376	0
"2012-04-30	15:00:00"	8.3152	182.28	89.185	15.777	998.39	26.358	0
"2012-04-30	16:00:00"	7.2595	219.88	90.719	13.543	905.32	26.326	0
"2012-04-30	17:00:00"	10.567	213.57	91.213	13.096	728.48	26.302	0
"2012-04-30	18:00:00"	7.541	214.19	91.027	13.356	534.83	26.279	0
"2012-04-30	19:00:00"	6.891	200.01	90.883	12.495	306.9	26.261	0
"2012-04-30	20:00:00"	16.299	192.87	85.537	23.104	165.01	26.273	0
"2012-04-30	21:00:00"	13.369	186.2	81.307	21.743	23.843	26.291	0
"2012-04-30	22:00:00"	10.829	191.4	76.903	26.272	0.06063	26.314	0
"2012-04-30	23:00:00"	14.045	188.54	74.318	32.509	0.03455	26.323	0
"2012-05-01	00:00:00"	12.346	196.82	70.787	39.3	0.06253	26.32	0
"2012-05-01	01:00:00"	11.325	190.88	68.449	43.613	0.07207	26.317	0
"2012-05-01	02:00:00"	11.704	186.35	67.517	45.755	0.07907	26.317	0
"2012-05-01	03:00:00"	12.496	185.34	67.001	45.792	0.05257	26.308	0
"2012-05-01	04:00:00"	13.128	183.29	66.529	45.96	0.05914	26.308	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-01	05:00:00"	11.313	186.68	65.74	50.494	0.0655	26.308	0
"2012-05-01	06:00:00"	8.4724	187.33	63.884	58.54	0.04982	26.308	0
"2012-05-01	07:00:00"	7.9324	181.04	61.461	65.635	0.2283	26.311	0
"2012-05-01	08:00:00"	8.606	184.49	60.02	70.567	68.865	26.326	0
"2012-05-01	09:00:00"	10.612	196.58	65.297	59.041	279.72	26.341	0
"2012-05-01	10:00:00"	10.141	218.41	71.328	44.804	513.11	26.341	0
"2012-05-01	11:00:00"	10.222	232.94	76.04	34.036	723.74	26.338	0
"2012-05-01	12:00:00"	8.834	242.02	81.822	23.5	892.39	26.335	0
"2012-05-01	13:00:00"	8.9956	250.62	87.028	14.164	1003.5	26.308	0
"2012-05-01	14:00:00"	10.273	221.91	89.888	11.513	1042.9	26.279	0
"2012-05-01	15:00:00"	15.343	233.96	93.039	9.392	1011.8	26.258	0
"2012-05-01	16:00:00"	17.172	233.62	94.044	8.2953	912.46	26.237	0
"2012-05-01	17:00:00"	19.107	234.63	94.076	7.8989	759.47	26.217	0
"2012-05-01	18:00:00"	17.759	238.86	93.362	8.0858	557.3	26.208	0
"2012-05-01	19:00:00"	17.193	245.68	92.887	8.4186	331.47	26.199	0
"2012-05-01	20:00:00"	16.143	253.06	91.387	7.762	130.74	26.205	0
"2012-05-01	21:00:00"	11.643	262.81	87.21	7.537	15.904	26.226	0
"2012-05-01	22:00:00"	13.294	190.81	80.252	32.034	0.05427	26.264	0
"2012-05-01	23:00:00"	13.159	177.45	75.486	56.125	0.05236	26.276	0
"2012-05-02	00:00:00"	12.442	183.11	72.195	65.603	0.0549	26.285	0
"2012-05-02	01:00:00"	10.198	183.48	69.666	73.676	0.04473	26.285	0
"2012-05-02	02:00:00"	8.7004	187.21	67.451	80.926	0.05511	26.282	0
"2012-05-02	03:00:00"	8.8825	181.84	66.026	87.902	0.04727	26.276	0
"2012-05-02	04:00:00"	7.3533	188.5	64.889	91.248	0.07207	26.276	0
"2012-05-02	05:00:00"	3.9724	214.34	62.811	93.332	0.05978	26.282	0
"2012-05-02	06:00:00"	2.7713	229.29	60.056	94.538	0.06529	26.296	0
"2012-05-02	07:00:00"	3.6288	234.68	59.363	95.436	0.25544	26.308	0
"2012-05-02	08:00:00"	3.42	251.67	59.914	95.745	29.84	26.326	0
"2012-05-02	09:00:00"	4.7914	260.2	61.91	95.721	192.35	26.347	0
"2012-05-02	10:00:00"	7.5956	224.97	65.409	86.51	491.43	26.358	0
"2012-05-02	11:00:00"	9.3131	237.79	75.784	48.657	722.24	26.361	0
"2012-05-02	12:00:00"	7.1849	271	83.611	24.284	888.62	26.356	0
"2012-05-02	13:00:00"	5.6806	292.29	88.474	11.799	997.26	26.341	0
"2012-05-02	14:00:00"	8.368	229.43	90.218	9.7594	1037.9	26.32	0
"2012-05-02	15:00:00"	12.119	214.25	92.46	10.182	1004.1	26.305	0
"2012-05-02	16:00:00"	14.319	218.52	92.895	9.9556	908.32	26.288	0
"2012-05-02	17:00:00"	14.019	225.76	93.536	7.1675	762.72	26.261	0
"2012-05-02	18:00:00"	16.939	241.66	93.715	6.2119	566.81	26.255	0
"2012-05-02	19:00:00"	17.198	236.36	92.592	5.7975	343.21	26.261	0
"2012-05-02	20:00:00"	17.074	259.42	89.385	6.2206	133.75	26.273	0
"2012-05-02	21:00:00"	12.475	266.65	85.12	6.3681	15.901	26.294	0
"2012-05-02	22:00:00"	8.3475	284.84	79.855	6.4533	0.0549	26.302	0
"2012-05-02	23:00:00"	3.8997	285.17	75.436	7.2294	0.05766	26.314	0
"2012-05-03	00:00:00"	6.9022	280.9	74.885	8.2342	0.03773	26.323	0
"2012-05-03	01:00:00"	9.3311	172.29	74.473	20.484	0.06889	26.358	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-03	02:00:00"	8.7129	173.46	70.215	69.642	0.05745	26.356	0
"2012-05-03	03:00:00"	5.2338	188.27	66.432	82.167	0.06147	26.344	0
"2012-05-03	04:00:00"	2.598	238.07	64.109	88.232	0.05448	26.344	0
"2012-05-03	05:00:00"	3.5785	277.77	63.631	88.656	0.05893	26.35	0
"2012-05-03	06:00:00"	3.9967	297.07	63.892	85.883	0.05893	26.361	0
"2012-05-03	07:00:00"	4.6566	311.41	65.348	66.452	0.1751	26.376	0
"2012-05-03	08:00:00"	5.3562	304.15	66.027	48.687	34.227	26.4	0
"2012-05-03	09:00:00"	6.1193	299.35	68.475	33.874	173.5	26.415	0
"2012-05-03	10:00:00"	7.8398	297.86	73.448	21.314	428.19	26.423	0
"2012-05-03	11:00:00"	8.9701	298.48	81.684	13.126	719.05	26.423	0
"2012-05-03	12:00:00"	11.098	285.1	85.968	7.8722	896.74	26.426	0
"2012-05-03	13:00:00"	10.765	261.08	87.897	6.5408	1010.9	26.42	0
"2012-05-03	14:00:00"	11.63	252.11	89.39	6.1892	1052.1	26.412	0
"2012-05-03	15:00:00"	10.726	253.05	90.304	6.0906	1003.4	26.4	0
"2012-05-03	16:00:00"	9.0428	251.49	91.641	6.0425	930.23	26.382	0
"2012-05-03	17:00:00"	8.8365	238.97	91.731	6.1056	640.97	26.356	0
"2012-05-03	18:00:00"	9.1733	252.48	91.367	6.1003	431.6	26.35	0
"2012-05-03	19:00:00"	9.9593	248.44	91.684	6.0525	344.87	26.35	0
"2012-05-03	20:00:00"	6.781	264.02	89.334	6.48	114.69	26.361	0
"2012-05-03	21:00:00"	3.2889	278.98	85.436	8.0017	16.92	26.379	0
"2012-05-03	22:00:00"	2.2202	232.14	78.11	10.057	0.06635	26.397	0
"2012-05-03	23:00:00"	2.3792	276.14	73.959	12.158	0.07165	26.403	0
"2012-05-04	00:00:00"	3.5803	282.16	74.361	13.302	0.04791	26.403	0
"2012-05-04	01:00:00"	8.6246	189.49	72.221	30.687	0.0549	26.423	0
"2012-05-04	02:00:00"	7.0594	190.07	71.212	42.937	0.06211	26.415	0
"2012-05-04	03:00:00"	3.6077	194.13	66.83	47.204	0.05872	26.4	0
"2012-05-04	04:00:00"	7.6354	176.17	65.94	45.815	0.04706	26.397	0
"2012-05-04	05:00:00"	3.576	196.08	63.923	47.556	0.05278	26.403	0
"2012-05-04	06:00:00"	2.8347	248.61	63.259	48.683	0.05639	26.415	0
"2012-05-04	07:00:00"	2.7676	261.21	60.889	51.964	0.23636	26.412	0
"2012-05-04	08:00:00"	2.3221	251.22	61.394	51.964	64.538	26.432	0
"2012-05-04	09:00:00"	4.513	279.46	65.968	45.544	272.66	26.444	0
"2012-05-04	10:00:00"	6.3989	273.02	75.834	28.225	511.07	26.45	0
"2012-05-04	11:00:00"	9.96	270.99	85.257	8.9686	727.02	26.447	0
"2012-05-04	12:00:00"	9.9966	275.82	88.516	6.697	895.6	26.45	0
"2012-05-04	13:00:00"	12.179	262.15	90.246	6.6842	1008.4	26.438	0
"2012-05-04	14:00:00"	13.371	251	91.7	6.9756	1049	26.42	0
"2012-05-04	15:00:00"	15.165	227.92	93.038	6.6967	1018.2	26.403	0
"2012-05-04	16:00:00"	15.18	240.64	93.686	6.2042	917.76	26.367	0
"2012-05-04	17:00:00"	17.244	243.28	94.048	6.1675	761.46	26.358	0
"2012-05-04	18:00:00"	14.979	250.99	93.426	5.9808	566.06	26.347	0
"2012-05-04	19:00:00"	12.75	251.32	92.715	5.5886	344.96	26.344	0
"2012-05-04	20:00:00"	12.857	247.71	91.275	5.7589	135.55	26.335	0
"2012-05-04	21:00:00"	7.7168	250.39	86.232	6.645	15.919	26.35	0
"2012-05-04	22:00:00"	3.5306	262.19	78.418	8.6753	0.05088	26.37	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-04	23:00:00"	6.8693	272.84	77.508	9.3975	0.08055	26.373	0
"2012-05-05	00:00:00"	5.3848	279.46	75.95	10.177	0.0602	26.367	0
"2012-05-05	01:00:00"	3.8867	281.51	73.881	10.905	0.04028	26.361	0
"2012-05-05	02:00:00"	2.176	255.89	69.404	12.013	0.05511	26.356	0
"2012-05-05	03:00:00"	3.1261	191.2	67.084	12.934	0.0725	26.358	0
"2012-05-05	04:00:00"	6.9879	171.8	65.18	53.137	0.05829	26.358	0
"2012-05-05	05:00:00"	4.71	200.78	62.063	83.19	0.06317	26.356	0
"2012-05-05	06:00:00"	2.6042	268.95	60.013	85.615	0.06253	26.347	0
"2012-05-05	07:00:00"	2.1984	240.95	60.11	91.734	0.77245	26.358	0
"2012-05-05	08:00:00"	5.9621	234.4	59.338	94.774	45.335	26.382	0
"2012-05-05	09:00:00"	4.0563	236.62	61.334	90.499	240.59	26.391	0
"2012-05-05	10:00:00"	7.3968	222.69	73.213	30.535	458.8	26.4	0
"2012-05-05	11:00:00"	8.3922	247.06	79.924	15.429	674.94	26.394	0
"2012-05-05	12:00:00"	9.3268	271.62	87.26	8.2353	866.83	26.388	0
"2012-05-05	13:00:00"	11.077	297.62	90.8	6.3089	973.88	26.376	0
"2012-05-05	14:00:00"	12.772	260.66	92.169	6.4092	983.66	26.358	0
"2012-05-05	15:00:00"	14.472	258.18	93.168	6.4497	1018.2	26.347	0
"2012-05-05	16:00:00"	13.774	254.64	92.361	6.6672	634.3	26.335	0
"2012-05-05	17:00:00"	12.015	255.33	91.755	6.7297	450.33	26.314	0
"2012-05-05	18:00:00"	15.076	239.4	91.79	7.0136	411.97	26.308	0
"2012-05-05	19:00:00"	15.647	233.8	89.501	7.5261	186.02	26.311	0
"2012-05-05	20:00:00"	10.006	232.01	87.35	8.1364	112.97	26.308	0
"2012-05-05	21:00:00"	11.835	260.73	84.722	8.2436	17.032	26.317	0
"2012-05-05	22:00:00"	7.4546	260.44	78.57	9.082	0.06762	26.323	0
"2012-05-05	23:00:00"	4.9144	259.56	73.461	10.277	0.04727	26.326	0
"2012-05-06	00:00:00"	3.5493	236.75	68.386	12.049	0.05321	26.329	0
"2012-05-06	01:00:00"	2.1748	244.97	67.287	12.485	0.06317	26.329	0
"2012-05-06	02:00:00"	1.3645	201.16	66.887	12.977	0.05533	26.332	0
"2012-05-06	03:00:00"	1.7796	176.47	66.035	13.646	0.05723	26.329	0
"2012-05-06	04:00:00"	1.592	214.77	65.616	13.918	0.07313	26.326	0
"2012-05-06	05:00:00"	1.9816	245.83	64.523	14.193	0.07546	26.326	0
"2012-05-06	06:00:00"	3.3076	260.59	63.994	14.483	0.07059	26.332	0
"2012-05-06	07:00:00"	2.8279	212.09	61.042	16.284	0.30355	26.347	0
"2012-05-06	08:00:00"	3.3417	286.99	63.022	15.804	70.27	26.37	0
"2012-05-06	09:00:00"	7.8684	293.96	70.831	13.323	279.88	26.385	0
"2012-05-06	10:00:00"	10.514	290.04	78.559	10.653	518.36	26.403	0
"2012-05-06	11:00:00"	11.278	309.17	82.929	9.3853	731.11	26.406	0
"2012-05-06	12:00:00"	12.063	334.47	84.977	8.8117	898.39	26.409	0
"2012-05-06	13:00:00"	9.5877	324.5	85.379	9.247	1005.5	26.406	0
"2012-05-06	14:00:00"	7.7634	325.18	86.118	11.424	1042.1	26.394	0
"2012-05-06	15:00:00"	7.0731	316.87	87.734	11.853	1004.7	26.379	0
"2012-05-06	16:00:00"	6.9177	294.87	89.198	11.299	904.36	26.353	0
"2012-05-06	17:00:00"	6.7692	315.72	90.369	9.8722	744.88	26.329	0
"2012-05-06	18:00:00"	8.0573	294.27	91.509	7.8233	540.07	26.323	0
"2012-05-06	19:00:00"	15.892	232.16	90.93	6.3678	346.55	26.323	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-06	20:00:00"	14.139	232.77	88.808	6.1692	142.21	26.329	0
"2012-05-06	21:00:00"	9.5337	234.4	83.951	7.0969	13.755	26.347	0
"2012-05-06	22:00:00"	2.5656	246.11	76.305	9.3197	0.06656	26.358	0
"2012-05-06	23:00:00"	5.2183	303.44	75.273	9.5308	0.06444	26.373	0
"2012-05-07	00:00:00"	9.7617	21.672	73.933	21.065	0.06147	26.394	0
"2012-05-07	01:00:00"	11.715	52.004	70.542	45.076	0.05808	0	0
"2012-05-07	02:00:00"	13.463	57.735	66.922	55.172	0.06084	26.406	0
"2012-05-07	03:00:00"	12.99	50.658	64.294	62.398	0.05787	26.406	0
"2012-05-07	04:00:00"	11.951	47.367	61.84	68.012	0.06338	26.4	0
"2012-05-07	05:00:00"	12.336	48.413	59.976	72.851	0.04854	26.409	0
"2012-05-07	06:00:00"	12.757	42.925	58.681	76.786	0.06126	26.415	0
"2012-05-07	07:00:00"	12.087	34.83	58.401	78.834	0.56365	26.429	0
"2012-05-07	08:00:00"	11.201	37.025	57.842	80.495	28.956	26.456	0
"2012-05-07	09:00:00"	14.128	39.656	61.572	73.395	219.08	26.465	0
"2012-05-07	10:00:00"	15.209	33.628	65.195	66.531	464.71	26.471	0
"2012-05-07	11:00:00"	15.626	29.346	67.205	61.877	653.52	26.491	0
"2012-05-07	12:00:00"	12.872	38.294	68.748	59.004	522.97	26.5	0
"2012-05-07	13:00:00"	12.903	48.128	70.478	55.67	722.87	26.477	0
"2012-05-07	14:00:00"	13.182	42.163	72.358	50.953	776.6	26.444	0
"2012-05-07	15:00:00"	13.533	45.56	74.579	45.476	944.84	26.426	0
"2012-05-07	16:00:00"	9.1018	60.358	76.585	39.036	876.53	26.406	0
"2012-05-07	17:00:00"	9.0807	51.671	78.36	34.464	745.45	26.376	0
"2012-05-07	18:00:00"	11.959	64.758	79.015	33.237	394.92	26.358	0
"2012-05-07	19:00:00"	13.332	78.554	76.808	38.106	157.11	26.358	0
"2012-05-07	20:00:00"	18.375	104.78	72.648	49.634	41.998	26.361	0
"2012-05-07	21:00:00"	19.315	94.133	68.567	54.992	8.6793	26.432	0
"2012-05-07	22:00:00"	18.632	47.548	60.465	70.145	0.05766	26.429	0
"2012-05-07	23:00:00"	15.827	76.27	58.776	80.722	0.07822	26.477	0
"2012-05-08	00:00:00"	13.737	75.429	59.965	85.284	0.05957	26.509	0
"2012-05-08	01:00:00"	14.291	52.538	58.359	91.134	0.06932	26.491	0
"2012-05-08	02:00:00"	17.823	49.85	56.998	87.953	0.07398	26.491	0
"2012-05-08	03:00:00"	14.336	46.207	56.858	88.566	0.06847	26.477	0
"2012-05-08	04:00:00"	14.095	48.147	56.661	86.729	0.06847	26.48	0
"2012-05-08	05:00:00"	7.1333	83.29	56.87	87.739	0.08564	26.536	0
"2012-05-08	06:00:00"	12.806	61.054	55.876	91.113	0.06614	26.491	0
"2012-05-08	07:00:00"	14.003	55.868	53.74	90.325	0.10917	26.521	0
"2012-05-08	08:00:00"	12.891	48.942	53.053	89.609	5.6022	26.527	0
"2012-05-08	09:00:00"	12.634	67.119	52.315	86.725	59.505	26.553	0
"2012-05-08	10:00:00"	13.714	49.768	52.505	83.553	164.08	26.562	0
"2012-05-08	11:00:00"	13.775	44.591	54.587	78.286	448.97	26.571	0
"2012-05-08	12:00:00"	14.352	35.203	56.508	72.448	489.51	26.562	0
"2012-05-08	13:00:00"	11.826	39.336	58.553	68.163	512.76	26.559	0
"2012-05-08	14:00:00"	10.675	43.374	61.666	64.544	713.34	26.559	0
"2012-05-08	15:00:00"	11.93	24.972	62.916	62.34	470.63	26.545	0
"2012-05-08	16:00:00"	12.509	42.909	63.717	59.989	481.55	26.518	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-08	17:00:00"	11.693	60.727	64.595	56.964	373.94	26.5	0
"2012-05-08	18:00:00"	10.486	63.521	65.115	54.588	310.61	26.491	0
"2012-05-08	19:00:00"	11.923	75.258	63.919	58.077	135.69	26.494	0
"2012-05-08	20:00:00"	11.15	78.002	62.263	59.252	72.899	26.515	0
"2012-05-08	21:00:00"	8.1692	73.051	61.663	60.043	6.2231	26.539	0
"2012-05-08	22:00:00"	7.1476	67.709	60.722	63.467	0.06826	26.55	0
"2012-05-08	23:00:00"	7.1799	61.145	59.944	65.923	0.06063	26.565	0
"2012-05-09	00:00:00"	6.0459	64.639	58.558	68.256	0.06826	26.571	0
"2012-05-09	01:00:00"	8.2195	81.595	57.95	69.663	0.06805	26.565	0
"2012-05-09	02:00:00"	5.9366	91.43	56.869	74.092	0.07589	26.556	0
"2012-05-09	03:00:00"	2.0313	70.632	55.742	77.445	0.06889	26.556	0
"2012-05-09	04:00:00"	1.4	39.521	55.762	78.169	0.06063	26.55	0
"2012-05-09	05:00:00"	1.3726	58.903	55.034	80.211	0.05596	26.55	0
"2012-05-09	06:00:00"	3.6791	37.966	53.797	84.398	0.08606	26.553	0
"2012-05-09	07:00:00"	4.0315	50.238	52.487	84.167	0.48204	26.553	0
"2012-05-09	08:00:00"	3.9171	65.344	52.257	83.665	65.05	26.568	0
"2012-05-09	09:00:00"	6.141	71.608	57.515	65.578	252.91	26.592	0
"2012-05-09	10:00:00"	6.8537	80.756	60.799	51.604	495.94	26.604	0
"2012-05-09	11:00:00"	5.3761	97.395	62.056	49.489	291.75	26.601	0
"2012-05-09	12:00:00"	5.8104	92.1	63.534	46.855	425.99	26.589	0
"2012-05-09	13:00:00"	6.343	103.12	65.838	41.978	793.04	26.559	0
"2012-05-09	14:00:00"	6.9401	103.22	68.063	39.532	1034.5	26.53	0
"2012-05-09	15:00:00"	7.3353	90.85	70.605	36.893	970.17	26.509	0
"2012-05-09	16:00:00"	7.9094	138.3	72.185	34.479	775.22	26.477	0
"2012-05-09	17:00:00"	7.1004	128.15	73.356	32.741	612.08	26.441	0
"2012-05-09	18:00:00"	6.8811	117.21	73.627	32.936	341.77	26.432	0
"2012-05-09	19:00:00"	7.0787	124.42	73.059	33.608	150.3	26.412	0
"2012-05-09	20:00:00"	7.4888	113.23	72.676	34.907	78.885	26.406	0
"2012-05-09	21:00:00"	7.2539	105.86	71.594	37.326	10.121	26.423	0
"2012-05-09	22:00:00"	6.4194	130.64	69.735	41.396	0.05575	26.426	0
"2012-05-09	23:00:00"	5.4295	148.3	67.844	46.301	0.06847	26.441	0
"2012-05-10	00:00:00"	7.7827	198.51	65.28	58.696	0.05681	26.453	0
"2012-05-10	01:00:00"	6.1255	172.18	63.881	65.253	0.06529	26.403	0
"2012-05-10	02:00:00"	6.2243	129.71	62.604	70.975	0.06911	26.423	0
"2012-05-10	03:00:00"	7.7951	168.66	61.245	77.28	0.06593	26.412	0.05
"2012-05-10	04:00:00"	7.0128	148.5	58.625	90.831	0.05617	26.397	0.07
"2012-05-10	05:00:00"	9.3914	167.8	57.571	92.249	0.06275	26.406	0.19
"2012-05-10	06:00:00"	6.374	101.66	56.88	93.415	0.06699	26.37	0.21
"2012-05-10	07:00:00"	9.9606	71.042	55.89	91.603	0.05935	26.356	0.01
"2012-05-10	08:00:00"	9.9326	75.488	55.634	91.502	2.5446	26.373	0.03
"2012-05-10	09:00:00"	7.1091	99.515	55.677	91.782	4.1222	26.397	0.22
"2012-05-10	10:00:00"	9.259	57.335	55.582	93.687	15.71	26.367	0.37
"2012-05-10	11:00:00"	12.053	67.132	55.751	93.078	60.426	26.353	0.06
"2012-05-10	12:00:00"	13.077	79.357	56.02	90.484	174.39	26.329	0
"2012-05-10	13:00:00"	12.247	108.9	57.892	87.279	254.7	26.347	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-10	14:00:00"	11.252	135.48	59.916	79.36	491.47	26.308	0
"2012-05-10	15:00:00"	7.2439	106.92	60.76	72.383	504.64	26.302	0
"2012-05-10	16:00:00"	7.4235	98.583	62.279	68.587	357.58	26.296	0
"2012-05-10	17:00:00"	11.155	85.227	60.073	77.676	93.971	26.294	0.01
"2012-05-10	18:00:00"	8.6482	102.55	54.676	91.966	27.745	26.299	0.79
"2012-05-10	19:00:00"	5.7334	72.169	54.009	90.983	37.189	26.299	0.04
"2012-05-10	20:00:00"	3.8426	69.731	54.231	88.589	17.865	26.305	0.03
"2012-05-10	21:00:00"	4.2011	39.512	54.44	91.608	3.0656	26.311	0
"2012-05-10	22:00:00"	3.5511	86.997	55.265	92.338	0.0496	26.317	0
"2012-05-10	23:00:00"	4.7765	61.876	55.521	93.252	0.05702	26.32	0
"2012-05-11	00:00:00"	7.8752	56.53	55.393	92.368	0.06169	26.317	0
"2012-05-11	01:00:00"	6.5782	48.5	55.094	91.964	0.05412	26.323	0
"2012-05-11	02:00:00"	5.6992	45.106	54.96	91.765	0.05935	26.314	0
"2012-05-11	03:00:00"	7.613	21.789	54.818	92.601	0.0744	26.317	0
"2012-05-11	04:00:00"	6.9848	28.035	54.559	92.755	0.05151	26.314	0.01
"2012-05-11	05:00:00"	6.5151	30.795	54.474	91.703	0.06762	26.317	0
"2012-05-11	06:00:00"	6.7891	9.8951	54.118	90.922	0.07229	26.32	0
"2012-05-11	07:00:00"	5.6756	19.595	52.954	92.032	0.65883	26.335	0
"2012-05-11	08:00:00"	4.1806	28.249	52.447	92.718	89.784	26.358	0
"2012-05-11	09:00:00"	5.4308	3.7577	53.822	90.833	141.42	26.379	0
"2012-05-11	10:00:00"	5.5053	342.16	55.913	84.838	466.99	26.397	0
"2012-05-11	11:00:00"	8.3798	0.53979	59.506	72.882	547.09	26.415	0
"2012-05-11	12:00:00"	10.455	353.79	60.759	66.714	349.44	26.435	0
"2012-05-11	13:00:00"	9.5356	344.68	62.23	64.588	530.53	26.438	0
"2012-05-11	14:00:00"	7.7298	353.7	63.451	63.171	364.53	26.441	0
"2012-05-11	15:00:00"	10.412	344.16	64.84	61.535	515.86	26.444	0
"2012-05-11	16:00:00"	11.338	359.81	64.96	62.428	531.83	26.438	0
"2012-05-11	17:00:00"	14.814	1.4664	66.155	56.884	267.28	26.435	0
"2012-05-11	18:00:00"	13.431	27.637	65.881	56.588	223.62	26.444	0
"2012-05-11	19:00:00"	14.074	37.278	66.302	56.791	319.17	26.453	0
"2012-05-11	20:00:00"	10.263	30.511	65.452	60.864	137.27	26.462	0
"2012-05-11	21:00:00"	12.598	25.546	63.344	62.876	16.958	26.5	0
"2012-05-11	22:00:00"	14.14	28.927	58.815	77.704	0.0744	26.542	0
"2012-05-11	23:00:00"	11.048	34.099	56.731	80.128	0.06762	26.568	0
"2012-05-12	00:00:00"	13.049	38.222	55.135	82.492	0.06995	26.574	0
"2012-05-12	01:00:00"	11.142	37.63	54.349	83.425	0.04918	26.595	0
"2012-05-12	02:00:00"	8.0157	19.158	52.79	86.25	0.06826	26.592	0
"2012-05-12	03:00:00"	6.2075	353.95	51.978	88.152	0.0814	26.598	0
"2012-05-12	04:00:00"	7.723	5.3955	52.205	88.327	0.04897	26.598	0
"2012-05-12	05:00:00"	8.7433	18.482	50.656	90.307	0.07334	26.612	0
"2012-05-12	06:00:00"	8.0269	21.378	49.569	91.683	0.06402	26.618	0
"2012-05-12	07:00:00"	6.9699	24.059	49.246	92.062	1.146	26.636	0
"2012-05-12	08:00:00"	5.368	11.926	49.13	91.363	86.622	26.672	0
"2012-05-12	09:00:00"	8.3487	27.017	52.018	85.013	173.79	26.692	0
"2012-05-12	10:00:00"	9.2485	34.102	54.09	78.189	253.08	26.701	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-12	11:00:00"	9.7984	46.125	56.65	71.516	358.78	26.707	0
"2012-05-12	12:00:00"	9.7375	61.398	58.234	68.264	351.63	26.713	0
"2012-05-12	13:00:00"	8.3388	69.444	60.899	62.01	619.63	26.71	0
"2012-05-12	14:00:00"	7.3819	52.504	63.655	55.456	767.23	26.683	0
"2012-05-12	15:00:00"	8.2332	64.949	66.273	49.979	959.92	26.669	0
"2012-05-12	16:00:00"	7.5043	69.647	68.074	46.28	891.53	26.648	0
"2012-05-12	17:00:00"	7.1253	60.043	69.674	43.196	727.08	26.63	0
"2012-05-12	18:00:00"	7.9585	67.224	70.528	41.773	549.7	26.612	0
"2012-05-12	19:00:00"	7.9902	85.758	70.562	41.644	338.55	26.604	0
"2012-05-12	20:00:00"	8.5911	81.878	69.746	43.689	132.05	26.615	0
"2012-05-12	21:00:00"	7.3309	80.268	67.042	49.513	16.31	26.63	0
"2012-05-12	22:00:00"	6.6891	78.401	63.414	58.111	0.05766	26.657	0
"2012-05-12	23:00:00"	4.9585	68.693	60.761	64.934	0.06847	26.683	0
"2012-05-13	00:00:00"	4.2682	41.635	58.63	71.714	0.06275	26.698	0
"2012-05-13	01:00:00"	5.542	87.759	57.943	73.779	0.05787	26.669	0
"2012-05-13	02:00:00"	7.16	118.13	58.634	75.736	0.07313	26.674	0
"2012-05-13	03:00:00"	4.1868	124.69	57.528	81.061	0.07165	26.683	0
"2012-05-13	04:00:00"	2.2525	122.18	55.979	84.872	0.07886	26.674	0
"2012-05-13	05:00:00"	4.2222	139.83	55.257	87.064	0.07716	26.674	0
"2012-05-13	06:00:00"	3.22	103.48	54.049	89.801	0.06826	26.686	0
"2012-05-13	07:00:00"	2.8415	30.163	53.04	92.067	0.90558	26.689	0
"2012-05-13	08:00:00"	4.1315	53.328	54.341	90.887	27.883	26.698	0
"2012-05-13	09:00:00"	7.7796	124.79	57.92	82.628	290.35	26.704	0
"2012-05-13	10:00:00"	10.409	117.24	61.354	70.113	503.85	26.707	0
"2012-05-13	11:00:00"	10.954	118.07	63.256	64.988	649.46	26.698	0
"2012-05-13	12:00:00"	10.973	137.12	65.365	58.717	785.41	26.683	0
"2012-05-13	13:00:00"	7.3738	125.85	66.835	53.176	547.58	26.713	0
"2012-05-13	14:00:00"	5.3562	83.252	67.803	50.857	326.91	26.686	0
"2012-05-13	15:00:00"	10.101	69.707	68.915	49.751	578.96	26.639	0
"2012-05-13	16:00:00"	10.927	100.26	69.769	47.303	335.31	26.607	0
"2012-05-13	17:00:00"	13.11	105.32	70.583	47.476	645.68	26.568	0.01
"2012-05-13	18:00:00"	10.497	103.85	71.505	42.568	239.36	26.577	0
"2012-05-13	19:00:00"	12.019	82.699	70.429	44.423	176.89	26.565	0
"2012-05-13	20:00:00"	12.086	80.729	68.552	47.416	88.072	26.565	0
"2012-05-13	21:00:00"	10.609	76.542	66.241	51.649	11.882	26.586	0
"2012-05-13	22:00:00"	10.466	44.869	64.171	60.525	0.05681	26.642	0.02
"2012-05-13	23:00:00"	8.0219	39.355	59.714	82.951	0.06147	26.651	0.06
"2012-05-14	00:00:00"	4.8703	107.34	58.718	86.32	0.06487	26.642	0.02
"2012-05-14	01:00:00"	7.3508	174.82	59.017	83.601	0.08988	26.609	0
"2012-05-14	02:00:00"	6.7033	168.64	58.949	83.203	0.05321	26.627	0
"2012-05-14	03:00:00"	6.3833	23.821	58.566	84.525	0.07568	26.568	0
"2012-05-14	04:00:00"	6.1888	83.057	58.421	84.296	0.0708	26.547	0
"2012-05-14	05:00:00"	3.8432	98.746	56.522	88.191	0.05999	26.553	0
"2012-05-14	06:00:00"	2.6719	296.2	55.495	91.397	0.06699	26.58	0
"2012-05-14	07:00:00"	3.0124	345.73	56.339	91.505	0.40954	26.586	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-14	08:00:00"	5.78	336.51	57.287	90.756	12.938	26.633	0
"2012-05-14	09:00:00"	7.7945	6.298	57.697	89.679	31.037	26.624	0.01
"2012-05-14	10:00:00"	5.3481	53.743	57.61	91.011	104.36	26.598	0.04
"2012-05-14	11:00:00"	7.4496	136.34	58.319	90.521	111.6	26.607	0.01
"2012-05-14	12:00:00"	6.0521	280.26	58.261	86.127	23.109	26.636	0
"2012-05-14	13:00:00"	5.4668	266	58.66	85.376	81.857	26.624	0
"2012-05-14	14:00:00"	7.3328	193.19	58.771	79.226	102.57	26.536	0.01
"2012-05-14	15:00:00"	6.8382	348.66	62.421	64.919	647.58	26.562	0
"2012-05-14	16:00:00"	8.9627	274.93	66.242	53.937	746.29	26.565	0
"2012-05-14	17:00:00"	12.69	345.71	63.977	59.046	356.23	26.562	0
"2012-05-14	18:00:00"	15.369	10.369	58.442	72.601	92.609	26.574	0
"2012-05-14	19:00:00"	12.67	26.355	57.698	77.386	107.87	26.55	0
"2012-05-14	20:00:00"	10.28	48.218	57.113	76.37	50.091	26.562	0
"2012-05-14	21:00:00"	6.3927	34.806	56.79	78.175	14.526	26.58	0
"2012-05-14	22:00:00"	6.0441	44.342	54.969	82.924	0.0602	26.595	0
"2012-05-14	23:00:00"	4.8709	10.303	53.548	88.06	0.06529	26.618	0
"2012-05-15	00:00:00"	5.4295	15.722	52.906	90.52	0.06147	26.609	0
"2012-05-15	01:00:00"	7.5813	354.92	53.639	90.406	0.08734	26.598	0
"2012-05-15	02:00:00"	6.4741	16.286	52.814	91.392	0.0903	26.586	0
"2012-05-15	03:00:00"	6.0229	25.19	51.214	93.132	0.08055	26.583	0
"2012-05-15	04:00:00"	6.3237	21.204	50.765	93.098	0.07207	26.58	0
"2012-05-15	05:00:00"	5.2046	3.4426	50.581	93.399	0.07059	26.586	0
"2012-05-15	06:00:00"	4.61	350.26	49.826	93.54	0.07292	26.595	0
"2012-05-15	07:00:00"	5.1766	4.4122	49.545	93.294	0.93971	26.609	0.01
"2012-05-15	08:00:00"	7.0457	9.4608	50.353	91.476	97.069	26.624	0
"2012-05-15	09:00:00"	8.0082	22.406	54.34	84.592	295.06	26.633	0
"2012-05-15	10:00:00"	5.9782	21.83	59.064	73.083	510.87	26.648	0
"2012-05-15	11:00:00"	4.0116	19.03	63.222	59.572	724.33	26.654	0
"2012-05-15	12:00:00"	3.7717	12.642	65.156	53.734	683.65	26.645	0
"2012-05-15	13:00:00"	4.2962	305.99	67.064	50.497	741.67	26.636	0
"2012-05-15	14:00:00"	4.1843	335.57	69.16	44.165	947.69	26.621	0
"2012-05-15	15:00:00"	4.0855	11.006	71.202	35.943	819.18	26.609	0
"2012-05-15	16:00:00"	4.6578	359.65	72.623	32.61	717.61	26.595	0
"2012-05-15	17:00:00"	4.7995	12.447	74.182	29.718	758.9	26.583	0
"2012-05-15	18:00:00"	5.2394	52.352	74.225	28.043	506.81	26.568	0
"2012-05-15	19:00:00"	5.4563	26.796	74.833	27.037	346.97	26.565	0
"2012-05-15	20:00:00"	4.9418	61.722	74.15	28.315	142.46	26.565	0
"2012-05-15	21:00:00"	3.9463	67.196	71.295	33.421	21.857	26.577	0
"2012-05-15	22:00:00"	5.2618	106.06	65.992	44.134	0.07928	26.589	0
"2012-05-15	23:00:00"	4.8983	115.61	62.567	50.482	0.05617	26.601	0
"2012-05-16	00:00:00"	3.1963	121.4	60.919	53.742	0.06593	26.607	0
"2012-05-16	01:00:00"	2.6129	170.34	60.127	56.355	0.07165	26.607	0
"2012-05-16	02:00:00"	2.0263	281.8	58.403	61.866	0.0778	26.604	0
"2012-05-16	03:00:00"	2.6104	279.56	57.374	64.431	0.06889	26.589	0
"2012-05-16	04:00:00"	2.071	268.89	58.135	61.107	0.07038	26.58	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-16	05:00:00"	3.1808	293.04	57.227	65.282	0.06762	26.586	0
"2012-05-16	06:00:00"	3.0646	320.68	56.602	69.058	0.07313	26.589	0
"2012-05-16	07:00:00"	5.1773	316.45	57.279	69.55	1.5159	26.592	0
"2012-05-16	08:00:00"	4.738	309.96	58.65	66.799	91.251	26.604	0
"2012-05-16	09:00:00"	5.3693	298.63	63.025	58.949	297.25	26.618	0
"2012-05-16	10:00:00"	6.6741	284.03	67.453	50.869	523.76	26.621	0
"2012-05-16	11:00:00"	8.0666	268.58	71.806	37.641	729.88	26.624	0
"2012-05-16	12:00:00"	6.438	226.9	73.884	30.826	891.47	26.621	0
"2012-05-16	13:00:00"	6.1988	244.31	75.278	27.912	995.39	26.604	0
"2012-05-16	14:00:00"	6.4765	236.68	76.759	25.757	1033.7	26.58	0
"2012-05-16	15:00:00"	6.0118	212.72	77.754	23.547	1006.9	26.559	0
"2012-05-16	16:00:00"	6.6468	231.87	79.245	21.323	911.96	26.536	0
"2012-05-16	17:00:00"	7.4888	212.65	80.149	21.111	760.08	26.512	0
"2012-05-16	18:00:00"	6.4629	207.27	80.099	22.091	565.08	26.5	0
"2012-05-16	19:00:00"	6.7444	197.47	79.957	21.956	350.81	26.491	0
"2012-05-16	20:00:00"	6.6387	174.26	78.861	23.133	146.39	26.491	0
"2012-05-16	21:00:00"	5.373	152.43	74.356	26.932	23.039	26.503	0
"2012-05-16	22:00:00"	4.4565	164.9	68.168	37.884	0.05363	26.512	0
"2012-05-16	23:00:00"	4.874	160.98	64.998	44.553	0.05278	26.521	0
"2012-05-17	00:00:00"	4.7261	156.63	63.431	46.726	0.06211	26.521	0
"2012-05-17	01:00:00"	4.3896	147.27	62.768	47.674	0.06236	26.512	0
"2012-05-17	02:00:00"	5.3394	152.68	61.729	51.86	0.06211	26.497	0
"2012-05-17	03:00:00"	5.4569	168.52	60.078	57.212	0.05745	26.494	0
"2012-05-17	04:00:00"	3.1435	175.63	57.694	61.561	0.06126	26.491	0
"2012-05-17	05:00:00"	1.7753	185.66	57.111	62.443	0.05427	26.497	0
"2012-05-17	06:00:00"	1.8349	109.45	56.145	65.51	0.05363	26.491	0
"2012-05-17	07:00:00"	4.1166	159	55.393	67.4	1.8499	26.491	0
"2012-05-17	08:00:00"	3.9575	153.74	56.985	66.518	98.819	26.503	0
"2012-05-17	09:00:00"	8.3034	187.92	63.68	52.41	306.18	26.509	0
"2012-05-17	10:00:00"	14.612	192	69.199	42.815	532.98	26.512	0
"2012-05-17	11:00:00"	15.792	187.19	72.772	36.622	732.11	26.503	0
"2012-05-17	12:00:00"	14.313	182.19	75.6	31.497	891.38	26.485	0
"2012-05-17	13:00:00"	13.411	180.57	78.395	26.681	990.64	26.474	0
"2012-05-17	14:00:00"	12.209	191.52	80.793	22.847	1023.8	26.444	0
"2012-05-17	15:00:00"	10.76	190.47	82.867	19.713	991.04	26.42	0
"2012-05-17	16:00:00"	10.292	182.88	84.039	17.089	895.32	26.394	0
"2012-05-17	17:00:00"	11.254	176.91	85.062	17.731	743.39	26.367	0
"2012-05-17	18:00:00"	12.061	177.41	85.276	17.966	555.75	26.35	0
"2012-05-17	19:00:00"	12.662	187.18	84.785	18.908	323.38	26.341	0
"2012-05-17	20:00:00"	12.565	175.42	82.923	20.731	123.31	26.335	0
"2012-05-17	21:00:00"	10.243	164.34	78.881	25.564	26.654	26.332	0
"2012-05-17	22:00:00"	8.7918	155.31	74.022	31.38	0.0602	26.332	0
"2012-05-17	23:00:00"	10.871	163.22	72.135	35.944	0.08882	26.347	0
"2012-05-18	00:00:00"	12.783	170.69	70.623	39.202	0.05681	26.35	0
"2012-05-18	01:00:00"	15.094	174.92	69.236	43.662	0.06275	26.338	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-18	02:00:00"	14.39	179.13	67.369	48.633	0.0602	26.332	0
"2012-05-18	03:00:00"	12.969	181.17	65.728	52.383	0.05427	26.317	0
"2012-05-18	04:00:00"	11.586	185.15	64.058	57.068	0.0761	26.308	0
"2012-05-18	05:00:00"	10.606	188.65	62.782	61.578	0.07737	26.305	0
"2012-05-18	06:00:00"	9.9208	188.9	61.809	64.932	0.07292	26.294	0
"2012-05-18	07:00:00"	7.5652	199.86	60.4	68.735	1.3978	26.299	0
"2012-05-18	08:00:00"	6.0801	206.14	60.146	70.559	85.613	26.314	0
"2012-05-18	09:00:00"	10.08	198.82	64.703	60.621	291.38	26.32	0
"2012-05-18	10:00:00"	12.038	208.25	70.802	47.489	519.9	26.326	0
"2012-05-18	11:00:00"	11.876	220.17	76.437	36.98	725.28	26.32	0
"2012-05-18	12:00:00"	11.22	227.67	81.583	29.048	884.79	26.317	0
"2012-05-18	13:00:00"	10.561	220.78	86.221	24	982.3	26.308	0
"2012-05-18	14:00:00"	12.248	203.87	89.937	18.826	1013	26.285	0
"2012-05-18	15:00:00"	12.735	216.93	92.968	12.343	985.42	26.267	0
"2012-05-18	16:00:00"	14.79	218.63	94.299	11.079	892.25	26.246	0
"2012-05-18	17:00:00"	15.95	227.05	94.917	10.273	745.04	26.223	0
"2012-05-18	18:00:00"	16.681	234.12	94.741	10.058	557.36	26.211	0
"2012-05-18	19:00:00"	15.434	218.6	94.414	9.6911	341.89	26.202	0
"2012-05-18	20:00:00"	16.637	190.14	89.939	21.088	143.71	26.217	0
"2012-05-18	21:00:00"	13.639	176.54	82.845	34.17	18.192	26.24	0
"2012-05-18	22:00:00"	11.832	171.16	77.996	43.242	0.05088	26.255	0
"2012-05-18	23:00:00"	13.228	175.12	74.878	50.889	0.05872	26.273	0
"2012-05-19	00:00:00"	15.073	177.83	72.661	56.766	0.06381	26.273	0
"2012-05-19	01:00:00"	14.866	176.74	70.961	59.273	0.05978	26.276	0
"2012-05-19	02:00:00"	13.706	182.61	69.641	57.7	0.05024	26.279	0
"2012-05-19	03:00:00"	13.467	182.3	68.498	56.805	0.07271	26.282	0
"2012-05-19	04:00:00"	10.762	187.9	67.302	57.816	0.08437	26.27	0
"2012-05-19	05:00:00"	8.0206	195.05	65.39	60.809	0.07589	26.285	0
"2012-05-19	06:00:00"	5.4432	205.38	62.882	66.104	0.05363	26.282	0
"2012-05-19	07:00:00"	3.9762	227.23	59.966	72.206	1.6946	26.296	0
"2012-05-19	08:00:00"	5.2431	220.3	60.412	72.642	90.223	26.317	0
"2012-05-19	09:00:00"	10.129	206.56	66.732	58.492	303.02	26.338	0
"2012-05-19	10:00:00"	10.217	219.73	72.311	46.748	533.55	26.358	0
"2012-05-19	11:00:00"	8.6992	245.09	77.225	37.508	737.07	26.364	0
"2012-05-19	12:00:00"	6.466	288.87	82.517	23.752	896.39	26.37	0
"2012-05-19	13:00:00"	5.642	327.2	85.246	18.976	995.18	26.358	0
"2012-05-19	14:00:00"	8.0778	235.62	88.559	13.936	1038	26.344	0
"2012-05-19	15:00:00"	12.306	252.62	90.857	9.745	1015.7	26.335	0
"2012-05-19	16:00:00"	11.556	235.84	91.229	8.6872	921.96	26.326	0
"2012-05-19	17:00:00"	8.0561	262.41	91.529	9.6903	764.64	26.308	0
"2012-05-19	18:00:00"	10.028	233.19	92.306	9.2672	571.01	26.302	0
"2012-05-19	19:00:00"	13.191	230.8	91.725	8.3467	358.05	26.299	0
"2012-05-19	20:00:00"	11.879	235.85	90.391	8.9381	153.59	26.305	0
"2012-05-19	21:00:00"	5.0008	245.43	85.394	11.835	25.172	26.323	0
"2012-05-19	22:00:00"	2.5551	211.7	77.913	17.528	0.06253	26.356	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-19	23:00:00"	12.871	179.42	77.337	41.368	0.05702	26.379	0
"2012-05-20	00:00:00"	12.008	176.35	74.217	55.284	0.04918	26.394	0
"2012-05-20	01:00:00"	10.215	183.04	71.364	66.636	0.07186	26.403	0
"2012-05-20	02:00:00"	9.1758	187.75	69.399	74.285	0.04748	26.409	0
"2012-05-20	03:00:00"	8.0182	184.26	67.827	76.581	0.07589	26.403	0
"2012-05-20	04:00:00"	5.9409	188.8	66.066	78.279	0.04791	26.397	0
"2012-05-20	05:00:00"	3.3504	187.82	63.913	81.256	0.06359	26.406	0
"2012-05-20	06:00:00"	1.6429	193.2	62.398	81.818	0.05681	26.42	0
"2012-05-20	07:00:00"	6.4865	349.19	63.82	74.333	1.7094	26.483	0
"2012-05-20	08:00:00"	5.5631	51.788	63.827	76.934	86.085	26.503	0
"2012-05-20	09:00:00"	8.5445	87.566	68.365	64.701	282.68	26.524	0
"2012-05-20	10:00:00"	8.9919	77.703	72.144	56.077	467.83	26.536	0
"2012-05-20	11:00:00"	11.806	31.324	72.947	57.089	656.57	26.55	0
"2012-05-20	12:00:00"	10.51	35.153	74.809	53.886	674.85	26.559	0
"2012-05-20	13:00:00"	9.5237	48.32	77.314	48.285	866.62	26.556	0
"2012-05-20	14:00:00"	11.669	65.863	80.036	42.614	992.88	26.545	0
"2012-05-20	15:00:00"	11.727	80.721	81.947	39.55	932.37	26.536	0
"2012-05-20	16:00:00"	11.736	83.169	82.507	38.333	870.87	26.524	0
"2012-05-20	17:00:00"	11.631	95.827	82.732	38.743	620.3	26.509	0
"2012-05-20	18:00:00"	11.642	108.42	83.268	37.477	500.38	26.5	0
"2012-05-20	19:00:00"	10.901	104.08	81.99	38.245	187.57	26.5	0
"2012-05-20	20:00:00"	11.766	106.72	81.199	38.068	94.719	26.512	0
"2012-05-20	21:00:00"	10.13	107.25	79.464	40.306	10.486	26.53	0
"2012-05-20	22:00:00"	10.02	109.19	77.269	42.541	0.06253	26.556	0
"2012-05-20	23:00:00"	10.051	103.01	74.394	49.762	0.0602	26.577	0
"2012-05-21	00:00:00"	10.882	106.72	73.264	52.965	0.07271	26.589	0
"2012-05-21	01:00:00"	11.899	115.2	72.338	55.183	0.03773	26.598	0
"2012-05-21	02:00:00"	7.2011	111.04	69.725	60.189	0.04685	26.601	0
"2012-05-21	03:00:00"	4.6174	95.981	66.893	65.834	0.05003	26.595	0
"2012-05-21	04:00:00"	5.9745	120.33	65.664	68.289	0.04621	26.592	0
"2012-05-21	05:00:00"	5.3208	119.82	64.306	72.004	0.0672	26.604	0
"2012-05-21	06:00:00"	5.2413	57.022	61.742	77.717	0.07907	26.604	0
"2012-05-21	07:00:00"	5.5165	73.034	60.919	80.362	3.6605	26.618	0
"2012-05-21	08:00:00"	5.9975	66.02	62.622	78.218	120.1	26.63	0
"2012-05-21	09:00:00"	9.625	127.77	68.085	63.495	295.8	26.639	0
"2012-05-21	10:00:00"	12.24	147.61	70.849	57.254	512.96	26.657	0
"2012-05-21	11:00:00"	11.265	142.29	73.33	54.843	711.32	26.657	0
"2012-05-21	12:00:00"	9.2472	131.01	75.808	49.807	868.68	26.654	0
"2012-05-21	13:00:00"	11.297	127.76	78.413	44.912	974.03	26.648	0
"2012-05-21	14:00:00"	12.669	128.98	80.496	39.544	949.5	26.63	0
"2012-05-21	15:00:00"	13.923	128.76	82.15	36.171	991.11	26.607	0
"2012-05-21	16:00:00"	12.86	136.79	82.708	35.163	823.61	26.592	0
"2012-05-21	17:00:00"	12.001	144.96	83.04	33.275	669.44	26.568	0
"2012-05-21	18:00:00"	10.847	147.41	83.454	32.736	523.93	26.553	0
"2012-05-21	19:00:00"	12.176	163.7	82.91	33.284	332	26.55	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-21	20:00:00"	10.581	163.53	80.707	35.983	97.089	26.545	0
"2012-05-21	21:00:00"	8.5184	145.95	78.326	39.553	23.456	26.547	0
"2012-05-21	22:00:00"	5.8235	125.88	74.353	46.244	0.06296	26.556	0
"2012-05-21	23:00:00"	6.0882	134.68	72.204	50.135	0.06677	26.55	0
"2012-05-22	00:00:00"	7.2955	148.01	71.253	51.972	0.0513	26.547	0
"2012-05-22	01:00:00"	7.7634	133.37	69.56	55.31	0.06147	26.533	0
"2012-05-22	02:00:00"	4.4322	132.04	67.42	60.041	0.0708	26.536	0
"2012-05-22	03:00:00"	3.7351	118.43	65.399	63.387	0.05893	26.53	0
"2012-05-22	04:00:00"	5.0393	66.803	62.73	69.33	0.05363	26.536	0
"2012-05-22	05:00:00"	6.1926	35.254	59.563	77.625	0.06847	26.542	0
"2012-05-22	06:00:00"	6.8146	34.657	59.133	79.731	0.05978	26.545	0
"2012-05-22	07:00:00"	7.1681	53.07	58.301	81.953	0.76185	26.527	0
"2012-05-22	08:00:00"	7.8753	87.088	60.668	76.447	68.416	26.515	0
"2012-05-22	09:00:00"	11.104	138.98	67.884	60.35	261.75	26.518	0
"2012-05-22	10:00:00"	13.723	169.69	70.999	55.123	492.77	26.518	0
"2012-05-22	11:00:00"	13.479	190.08	74.715	48.427	711.1	26.497	0
"2012-05-22	12:00:00"	14.812	182.37	78.428	39.811	864.85	26.483	0
"2012-05-22	13:00:00"	16.528	187.99	80.931	35.889	965.23	26.447	0
"2012-05-22	14:00:00"	15.995	189.02	83.83	32.14	999.82	26.423	0
"2012-05-22	15:00:00"	9.4361	183.9	86.907	26.415	857.89	26.435	0
"2012-05-22	16:00:00"	10.253	190.78	89.458	23.542	506.68	26.409	0
"2012-05-22	17:00:00"	10.372	191.84	89.901	25.363	600.71	26.379	0
"2012-05-22	18:00:00"	10.288	185.2	90.497	25.225	586.72	26.35	0
"2012-05-22	19:00:00"	9.8829	168.32	90.26	26.205	305.68	26.329	0
"2012-05-22	20:00:00"	10.813	161.6	87.678	29.689	119.85	26.32	0
"2012-05-22	21:00:00"	9.3665	160.65	83.423	34.791	16.039	26.317	0
"2012-05-22	22:00:00"	7.9859	162.64	79.67	40.194	0.06826	26.314	0
"2012-05-22	23:00:00"	8.6035	163.99	77.145	43.596	0.0725	26.314	0
"2012-05-23	00:00:00"	7.9542	169.8	74.791	47.365	0.06953	26.305	0
"2012-05-23	01:00:00"	6.4834	170.67	72.468	51.205	0.07801	26.291	0
"2012-05-23	02:00:00"	4.7063	173.8	69.402	57.256	0.05639	26.273	0
"2012-05-23	03:00:00"	5.5569	188.91	68.92	56.774	0.04388	26.261	0
"2012-05-23	04:00:00"	5.6905	188	67.623	61.543	0.05893	26.243	0
"2012-05-23	05:00:00"	5.6893	198.44	66.043	65.768	0.08267	26.234	0
"2012-05-23	06:00:00"	4.134	209.32	63.714	71.018	0.06656	26.229	0
"2012-05-23	07:00:00"	2.8136	257.98	60.62	77.805	1.7535	26.234	0
"2012-05-23	08:00:00"	1.6752	266.84	60.197	79.903	78.921	26.252	0
"2012-05-23	09:00:00"	4.5161	229.22	65.1	68.624	278.59	26.258	0
"2012-05-23	10:00:00"	5.2959	233.16	73.034	47.968	487.12	26.261	0
"2012-05-23	11:00:00"	5.0288	269.63	83.628	22.111	667.61	26.252	0
"2012-05-23	12:00:00"	6.7767	267.36	88.984	12.882	645.84	26.261	0
"2012-05-23	13:00:00"	12.703	256.96	91.052	10.892	835.58	26.184	0
"2012-05-23	14:00:00"	17.118	260.19	93.827	8.2236	981.74	26.155	0
"2012-05-23	15:00:00"	16.313	252.84	95.79	7.7683	958.53	26.128	0
"2012-05-23	16:00:00"	17.103	260.62	96.679	7.1197	847.27	26.102	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-23	17:00:00"	17.344	261.82	97.502	6.4408	740.05	26.081	0
"2012-05-23	18:00:00"	15.717	257.36	97.781	6.2864	604.14	26.066	0
"2012-05-23	19:00:00"	14.983	241.91	97.288	6.6308	400.76	26.054	0
"2012-05-23	20:00:00"	12.687	235.89	95.747	7.2136	199.95	26.051	0
"2012-05-23	21:00:00"	6.3659	222.54	89.537	9.85	24.963	26.06	0
"2012-05-23	22:00:00"	3.2622	226.73	82.634	14.077	0.06762	26.066	0
"2012-05-23	23:00:00"	5.094	206.66	79	16.468	0.06275	26.078	0
"2012-05-24	00:00:00"	7.3017	214.59	78.714	16.659	0.05193	26.084	0
"2012-05-24	01:00:00"	10.035	239.07	82.083	13.91	0.06868	26.087	0
"2012-05-24	02:00:00"	12.153	253.45	83.642	13.263	0.06635	26.081	0
"2012-05-24	03:00:00"	11.221	261.37	81.949	13.853	0.05745	26.081	0
"2012-05-24	04:00:00"	5.5091	198.13	74.185	18.649	0.04812	26.084	0
"2012-05-24	05:00:00"	4.0259	199.9	69.386	22.55	0.04346	26.093	0
"2012-05-24	06:00:00"	5.8167	267.54	70.213	21.702	0.07674	26.105	0
"2012-05-24	07:00:00"	4.4993	225.44	68.534	23.134	1.5422	26.125	0
"2012-05-24	08:00:00"	8.7862	271.01	74.701	19.003	80.05	26.146	0
"2012-05-24	09:00:00"	16.554	267.68	79.528	16.661	294.8	26.158	0
"2012-05-24	10:00:00"	20.114	263.94	82.575	14.989	494.18	26.172	0
"2012-05-24	11:00:00"	20.129	268.59	85.323	13.221	681.19	26.172	0
"2012-05-24	12:00:00"	18.295	273.1	87.758	12.004	838.19	26.178	0
"2012-05-24	13:00:00"	16.022	273.51	90.191	11.074	965.5	26.178	0
"2012-05-24	14:00:00"	17.301	267.29	92.153	9.3369	1038.9	26.167	0
"2012-05-24	15:00:00"	17.474	253.66	93.35	8.4172	1025.2	26.155	0
"2012-05-24	16:00:00"	16.953	259.08	94.183	7.3278	942.07	26.143	0
"2012-05-24	17:00:00"	15.738	259.12	94.89	6.8492	817.51	26.131	0
"2012-05-24	18:00:00"	11.205	249.41	95.39	6.8389	641.62	26.119	0
"2012-05-24	19:00:00"	15.449	229.15	95.394	7.5286	430.21	26.11	0
"2012-05-24	20:00:00"	15.047	233.89	93.807	9.0181	208.5	26.122	0
"2012-05-24	21:00:00"	10.001	226.38	89.494	11.671	31.485	26.137	0
"2012-05-24	22:00:00"	4.2862	208.98	81.34	15.111	0.085	26.155	0
"2012-05-24	23:00:00"	2.9062	225.92	78.98	15.67	0.06974	26.169	0
"2012-05-25	00:00:00"	6.8972	152.94	75.607	19.953	0.08246	26.187	0
"2012-05-25	01:00:00"	11.516	167.45	78.233	34.937	0.04706	26.187	0
"2012-05-25	02:00:00"	10.199	175.32	76.57	41.005	0.05787	26.199	0
"2012-05-25	03:00:00"	4.9461	222.78	72.446	48.921	0.06995	0.26193	0
"2012-05-25	04:00:00"	5.4836	190.11	70.557	56.331	0.0619	26.202	0
"2012-05-25	05:00:00"	4.3689	201.1	70.123	61.864	0.06805	26.22	0
"2012-05-25	06:00:00"	3.4325	252.84	67.336	67.141	0.05787	26.229	0
"2012-05-25	07:00:00"	3.2572	247.68	65.841	69.889	1.6766	26.243	0
"2012-05-25	08:00:00"	2.6346	247.98	64.239	72.44	69.703	26.267	0
"2012-05-25	09:00:00"	4.577	253.86	71.018	55.02	233.86	26.285	0
"2012-05-25	10:00:00"	9.7344	272.95	80.875	23.275	455.74	26.296	0
"2012-05-25	11:00:00"	15.642	281.31	87.569	12.145	666.6	26.305	0
"2012-05-25	12:00:00"	14.666	271.06	89.782	10.993	829.93	26.305	0
"2012-05-25	13:00:00"	10.596	240.95	90.95	12.304	833.33	26.311	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-25	14:00:00"	9.8003	217.2	91.799	14.039	925.06	26.299	0
"2012-05-25	15:00:00"	12.616	199.48	94.625	10.815	995.43	26.294	0
"2012-05-25	16:00:00"	14.881	184.65	94.789	10.611	911.85	26.276	0
"2012-05-25	17:00:00"	13.533	184.16	94.977	10.864	763.09	26.273	0
"2012-05-25	18:00:00"	14.701	164.28	94.297	11.27	590.78	26.267	0
"2012-05-25	19:00:00"	15.03	171.22	93.644	13.526	388.3	26.261	0
"2012-05-25	20:00:00"	17.382	156.67	90.108	26.483	180.84	26.273	0
"2012-05-25	21:00:00"	11.448	145.65	85.447	30.934	29.211	26.285	0
"2012-05-25	22:00:00"	18.168	159.22	80.57	44.307	0.1274	26.311	0
"2012-05-25	23:00:00"	19.635	175.24	76.687	57.349	0.05342	26.329	0
"2012-05-26	00:00:00"	19.416	183.64	77.842	43.823	0.04939	26.338	0
"2012-05-26	01:00:00"	17.441	188	77.682	37.587	0.06571	26.347	0
"2012-05-26	02:00:00"	14.009	195.67	76.003	36.492	0.06317	26.35	0
"2012-05-26	03:00:00"	10.908	196.27	73.886	38.623	0.06995	26.356	0
"2012-05-26	04:00:00"	10.982	192.34	73.495	38.66	0.05893	26.353	0
"2012-05-26	05:00:00"	10.136	174.53	72.057	40.246	0.05448	26.364	0
"2012-05-26	06:00:00"	11.155	156.91	70.187	44.632	0.05702	26.37	0
"2012-05-26	07:00:00"	9.466	160.68	69.322	56.144	1.7374	26.382	0
"2012-05-26	08:00:00"	11.361	153.18	69.504	77.611	65.875	26.382	0
"2012-05-26	09:00:00"	15.678	167.29	72.818	64.076	250.92	26.397	0
"2012-05-26	10:00:00"	20.196	169.71	75.471	50.888	460.43	26.4	0
"2012-05-26	11:00:00"	20.354	174.16	76.874	52.657	661.53	26.397	0
"2012-05-26	12:00:00"	18.622	179.38	79.725	49.933	826.63	26.394	0
"2012-05-26	13:00:00"	17.974	179.54	82.55	45.559	919.3	26.385	0
"2012-05-26	14:00:00"	16.633	180.46	84.839	41.622	969.71	26.364	0
"2012-05-26	15:00:00"	16.706	174.18	86.577	39.093	957.26	26.344	0
"2012-05-26	16:00:00"	17.552	175.33	87.402	39.067	884.53	26.329	0
"2012-05-26	17:00:00"	16.907	174.32	88.218	37.276	753.01	26.308	0
"2012-05-26	18:00:00"	17.123	167.2	88.823	35.723	578.91	26.288	0
"2012-05-26	19:00:00"	20.996	163.26	87.528	36.298	384.71	26.273	0
"2012-05-26	20:00:00"	19.788	159.37	84.128	34.997	213.07	26.279	0
"2012-05-26	21:00:00"	13.799	168.86	79.426	35.239	28.651	26.27	0
"2012-05-26	22:00:00"	18.486	158.84	77.14	46.708	0.0761	26.294	0
"2012-05-26	23:00:00"	10.824	250.98	75.91	51.616	0.06126	26.418	0.03
"2012-05-27	00:00:00"	9.4778	324.16	66.965	85.947	0.05702	26.394	0.41
"2012-05-27	01:00:00"	11.086	54.733	65.712	89.462	0.07462	26.358	0.01
"2012-05-27	02:00:00"	11.354	70.962	65.981	87.001	0.06656	26.341	0
"2012-05-27	03:00:00"	7.3483	85.443	66.016	86.624	0.07144	26.338	0
"2012-05-27	04:00:00"	4.4639	86.453	65.526	88.887	0.05257	26.335	0
"2012-05-27	05:00:00"	4.4186	145.26	66.39	83.012	0.06889	26.326	0
"2012-05-27	06:00:00"	6.3591	162.42	65.948	83.31	0.07462	26.332	0
"2012-05-27	07:00:00"	7.7789	194.28	65.386	83.301	1.7189	26.35	0
"2012-05-27	08:00:00"	8.8931	204.49	65.488	82.926	84.176	26.358	0
"2012-05-27	09:00:00"	13.999	197.6	67.847	82.041	276.66	26.361	0
"2012-05-27	10:00:00"	14.958	203.79	71.393	74.856	492.47	26.37	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-27	11:00:00"	12.514	211.3	74.686	63.39	691.17	26.37	0
"2012-05-27	12:00:00"	10.918	220.89	78.498	47.833	847.5	26.376	0
"2012-05-27	13:00:00"	10.673	226.4	81.352	37.815	960.38	26.367	0
"2012-05-27	14:00:00"	10.896	234.99	84.814	27.576	1011.8	26.353	0
"2012-05-27	15:00:00"	15.122	240.61	87.717	18.332	1002.8	26.335	0
"2012-05-27	16:00:00"	14.369	239.26	89.352	15.78	931.02	26.317	0
"2012-05-27	17:00:00"	12.918	220.19	90.097	16.594	803.13	26.299	0
"2012-05-27	18:00:00"	11.623	221.9	90.691	16.186	628.07	26.291	0
"2012-05-27	19:00:00"	11.352	216.82	90.631	16.868	423.43	26.285	0
"2012-05-27	20:00:00"	12.828	183.46	88.065	27.541	206.55	26.288	0
"2012-05-27	21:00:00"	13.453	177.93	83.294	42.615	41.44	26.305	0
"2012-05-27	22:00:00"	10.599	185.51	78.962	56.125	0.1079	26.329	0
"2012-05-27	23:00:00"	6.3504	193.18	76.341	65.354	0.0744	26.353	0
"2012-05-28	00:00:00"	6.6008	188.98	74.05	71.096	0.06211	26.356	0
"2012-05-28	01:00:00"	7.8535	181.87	72.459	76.089	0.05872	26.356	0
"2012-05-28	02:00:00"	6.4678	185.75	70.941	80.828	0.0655	26.353	0
"2012-05-28	03:00:00"	4.1464	193.34	69.601	83.692	0.06147	26.35	0
"2012-05-28	04:00:00"	2.9807	197.63	67.823	86.81	0.0549	26.353	0
"2012-05-28	05:00:00"	1.8871	235.86	67.45	86.848	0.07059	26.356	0
"2012-05-28	06:00:00"	2.2009	269.23	67.143	87.241	0.05575	26.37	0
"2012-05-28	07:00:00"	2.2419	281.72	66.266	89.269	2.6919	26.391	0
"2012-05-28	08:00:00"	2.9347	309.54	67.325	87.97	87.879	26.406	0
"2012-05-28	09:00:00"	4.1532	288.66	70.534	81.042	276	26.418	0
"2012-05-28	10:00:00"	4.6609	278.02	73.274	74.089	488.1	26.423	0
"2012-05-28	11:00:00"	4.6945	314.2	76.447	64.349	689.41	26.418	0
"2012-05-28	12:00:00"	4.3658	301.82	79.765	51.657	852.05	26.418	0
"2012-05-28	13:00:00"	5.3419	308.29	83.529	38.187	963.94	26.409	0
"2012-05-28	14:00:00"	5.7558	300.46	87.26	18.691	1022.2	26.397	0
"2012-05-28	15:00:00"	6.3914	244.33	89.845	12.914	1012.3	26.376	0
"2012-05-28	16:00:00"	6.7773	246.58	91.369	11.862	939.98	26.361	0
"2012-05-28	17:00:00"	8.4016	250.03	92.008	11.136	811.73	26.347	0
"2012-05-28	18:00:00"	8.9341	255.55	92.41	9.8086	641.17	26.332	0
"2012-05-28	19:00:00"	10.275	255.34	91.973	9.6008	439.42	26.329	0
"2012-05-28	20:00:00"	7.8361	265.11	90.795	9.625	226.7	26.326	0
"2012-05-28	21:00:00"	2.6284	288.75	87.31	12.87	49.473	26.332	0
"2012-05-28	22:00:00"	1.3161	69.939	81.495	17.063	0.11807	26.335	0
"2012-05-28	23:00:00"	1.6268	147.92	77.77	19.239	0.05575	26.356	0
"2012-05-29	00:00:00"	1.0924	199.54	74.139	21.244	0.06889	26.364	0
"2012-05-29	01:00:00"	2.2003	352.92	71.366	30.306	0.06868	26.364	0
"2012-05-29	02:00:00"	3.7842	158.85	69.617	32.194	0.05914	26.373	0
"2012-05-29	03:00:00"	2.7757	219.4	70.052	45.258	0.04876	26.367	0
"2012-05-29	04:00:00"	1.8287	235.19	69.093	52.734	0.05957	26.364	0
"2012-05-29	05:00:00"	2.3016	221.44	66.742	66.635	0.0549	26.37	0
"2012-05-29	06:00:00"	2.4401	224.36	65.035	80.337	0.05893	26.379	0
"2012-05-29	07:00:00"	1.8616	233.8	63.321	89.556	2.0214	26.391	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-29	08:00:00"	2.0654	255.93	63.636	88.589	100.66	26.412	0
"2012-05-29	09:00:00"	5.2388	229.6	68.842	84.852	287.88	26.426	0
"2012-05-29	10:00:00"	5.8688	230.55	73.541	72.395	504.19	26.438	0
"2012-05-29	11:00:00"	5.6619	246.09	78.5	54.67	708.81	26.438	0
"2012-05-29	12:00:00"	6.5847	249.88	84.439	34.599	873.24	26.435	0
"2012-05-29	13:00:00"	9.7648	249.19	89.345	17.982	993.47	26.426	0
"2012-05-29	14:00:00"	12.156	245.03	92.012	11.164	1047.6	26.415	0
"2012-05-29	15:00:00"	11.831	255.78	94.049	7.0108	1033.2	26.397	0
"2012-05-29	16:00:00"	12.76	272.04	95.203	5.9081	956.77	26.376	0
"2012-05-29	17:00:00"	13.179	275.02	95.794	5.5842	823.88	26.358	0
"2012-05-29	18:00:00"	11.733	262.01	95.281	5.7297	644.96	26.347	0
"2012-05-29	19:00:00"	10.076	254.52	94.795	6.1803	431.23	26.341	0
"2012-05-29	20:00:00"	6.9761	263.64	93.613	6.7747	219.56	26.341	0
"2012-05-29	21:00:00"	2.1785	353.54	90.316	9.3628	45.908	26.341	0
"2012-05-29	22:00:00"	2.4165	98.255	86.452	9.622	0.14287	26.344	0
"2012-05-29	23:00:00"	3.7941	129.24	82.524	12.264	0.06381	26.356	0
"2012-05-30	00:00:00"	4.2831	174.26	73.866	21.863	0.05172	26.361	0
"2012-05-30	01:00:00"	2.5576	171.07	71.275	23.021	0.08055	26.364	0
"2012-05-30	02:00:00"	5.4488	158.84	71.962	25.265	0.05533	26.347	0
"2012-05-30	03:00:00"	5.1307	170.32	68.824	40.449	0.05172	26.338	0
"2012-05-30	04:00:00"	7.0998	166.27	67.944	59.571	0.05448	26.332	0
"2012-05-30	05:00:00"	4.2104	182.04	66.786	71.067	0.06211	26.332	0
"2012-05-30	06:00:00"	2.3712	204.71	65.352	77.636	0.05575	26.332	0
"2012-05-30	07:00:00"	2.6943	228.28	64.1	84.261	2.7933	26.338	0
"2012-05-30	08:00:00"	2.8024	220.88	64.103	88.01	95.368	26.35	0
"2012-05-30	09:00:00"	6.0838	237.87	69.007	78.352	266.51	26.361	0
"2012-05-30	10:00:00"	7.2054	247.28	76.064	55.881	498.3	26.361	0
"2012-05-30	11:00:00"	6.1683	277.44	83	25.291	702.49	26.353	0
"2012-05-30	12:00:00"	7.3695	286.53	87.926	9.6667	868.34	26.344	0
"2012-05-30	13:00:00"	8.5588	281.18	90.426	8.1242	995.01	26.329	0
"2012-05-30	14:00:00"	10.911	276.2	93.185	6.8945	1044.2	26.305	0
"2012-05-30	15:00:00"	12.824	270.3	94.825	5.9572	1031.6	26.288	0
"2012-05-30	16:00:00"	12.574	262.79	95.425	5.6544	957.28	26.27	0
"2012-05-30	17:00:00"	11.661	256.26	95.878	5.487	829.15	26.243	0
"2012-05-30	18:00:00"	10.924	251.61	95.981	5.462	651.67	26.232	0
"2012-05-30	19:00:00"	10.142	257.58	95.86	5.2314	430.15	26.214	0
"2012-05-30	20:00:00"	8.3108	261.09	94.255	5.1903	217.84	26.211	0
"2012-05-30	21:00:00"	1.7343	215.52	89.011	8.6392	44.423	26.208	0
"2012-05-30	22:00:00"	1.5056	235.56	80.744	12.078	0.19036	26.217	0
"2012-05-30	23:00:00"	1.93	225.24	75.846	14.098	0.05617	26.223	0
"2012-05-31	00:00:00"	7.1402	302.77	75.605	13.091	0.05554	26.226	0
"2012-05-31	01:00:00"	10.635	331.01	73.171	17.015	0.04727	26.249	0
"2012-05-31	02:00:00"	10.419	44.302	69.95	53.011	0.03964	26.252	0
"2012-05-31	03:00:00"	7.4857	45.044	66.206	66.804	0.07652	26.234	0
"2012-05-31	04:00:00"	7.1862	36.806	63.385	75.032	0.05469	26.226	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-05-31	05:00:00"	9.415	18.676	63.111	80.12	0.05045	26.246	0
"2012-05-31	06:00:00"	9.2361	14.894	61.76	83.817	0.07843	26.246	0
"2012-05-31	07:00:00"	11.784	22.063	60.032	87.451	1.7196	26.276	0
"2012-05-31	08:00:00"	16.2	40.93	62.29	86.15	77.907	26.317	0
"2012-05-31	09:00:00"	19.489	58.726	66.23	79.229	270.69	26.356	0
"2012-05-31	10:00:00"	19.455	59.489	70.204	69.144	482.11	26.376	0
"2012-05-31	11:00:00"	18.727	59.889	73.095	61.427	665.79	26.373	0
"2012-05-31	12:00:00"	20.84	72.005	76.435	55.384	833.76	26.379	0
"2012-05-31	13:00:00"	20.279	74.248	79.846	49.576	938.39	26.391	0
"2012-05-31	14:00:00"	16.893	78.275	81.689	45.085	809.79	26.403	0
"2012-05-31	15:00:00"	17.788	90.256	82.375	43.446	799.52	26.403	0
"2012-05-31	16:00:00"	18.344	88.268	82.9	40.384	868.46	26.391	0
"2012-05-31	17:00:00"	16.353	90.981	83.771	37.297	715.69	26.379	0
"2012-05-31	18:00:00"	15.056	93.575	83.875	36.591	598.96	26.379	0
"2012-05-31	19:00:00"	13.614	88.059	83.069	38.732	360.75	26.373	0
"2012-05-31	20:00:00"	12.16	92.296	81.924	41.662	196	26.382	0
"2012-05-31	21:00:00"	10.879	87.798	79.58	45.92	38.641	26.409	0
"2012-05-31	22:00:00"	8.1076	89.511	76.402	50.759	0.15178	26.426	0
"2012-05-31	23:00:00"	8.8322	99.795	74.457	53.838	0.06232	26.447	0
"2012-06-01	00:00:00"	9.5051	109.91	72.968	58.807	0.06868	26.453	0
"2012-06-01	01:00:00"	8.5699	97.696	71.51	62.41	0.05745	26.465	0
"2012-06-01	02:00:00"	8.5339	84.346	69.955	65.447	0.06593	26.459	0
"2012-06-01	03:00:00"	11.726	91.196	69.107	61.952	0.05681	26.456	0
"2012-06-01	04:00:00"	10.843	97.158	67.135	65.057	0.04685	26.444	0
"2012-06-01	05:00:00"	11.81	107.4	66.403	67.805	0.06677	26.468	0
"2012-06-01	06:00:00"	10.607	101.73	65.448	71.346	0.07589	26.477	0
"2012-06-01	07:00:00"	12.72	107.41	65.199	74.402	0.94946	26.5	0
"2012-06-01	08:00:00"	11.642	112.11	65.223	76.741	65.453	26.506	0
"2012-06-01	09:00:00"	12.109	117.25	66.778	73.634	249.47	26.515	0
"2012-06-01	10:00:00"	15.385	146.3	69.194	66.802	479.45	26.506	0
"2012-06-01	11:00:00"	16.131	166.69	72.407	59.928	672.85	26.488	0
"2012-06-01	12:00:00"	15.589	180.13	76.28	52.728	840.81	26.494	0
"2012-06-01	13:00:00"	15.402	184.7	78.449	49.887	950.9	26.474	0
"2012-06-01	14:00:00"	15.049	188.36	80.846	44.463	981.19	26.459	0
"2012-06-01	15:00:00"	14.411	192.58	83.213	40.047	975.75	26.438	0
"2012-06-01	16:00:00"	14.41	195.5	85.048	36.154	915.94	26.415	0
"2012-06-01	17:00:00"	14.407	194	86.385	33.629	792.24	26.385	0
"2012-06-01	18:00:00"	13.961	198.93	87.499	30.914	623.9	26.367	0
"2012-06-01	19:00:00"	13.435	203.45	87.552	30.122	355.93	26.344	0
"2012-06-01	20:00:00"	11.856	201.78	85.999	31.258	146.42	26.332	0
"2012-06-01	21:00:00"	8.665	186.81	83.1	34	34.043	26.332	0
"2012-06-01	22:00:00"	5.1555	158	77.262	41.606	0.30419	26.344	0
"2012-06-01	23:00:00"	5.3382	149.25	74.517	46.363	0.06423	26.364	0
"2012-06-02	00:00:00"	7.5478	157.38	73.251	52.125	0.05723	26.37	0
"2012-06-02	00:00:00"	8.2767	148	73.04	55.1	0	26.37	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-02	01:00:00"	9.4194	160.94	72.825	56.829	0.04812	26.364	0
"2012-06-02	02:00:00"	13.373	173.63	73.143	58.562	0.04558	26.364	0
"2012-06-02	03:00:00"	10.619	156.22	71.311	67.593	0.05787	26.385	0
"2012-06-02	04:00:00"	7.9616	83.441	69.252	74.825	0.06593	26.394	0
"2012-06-02	05:00:00"	9.2901	95.628	68.821	77.752	0.05554	26.382	0
"2012-06-02	06:00:00"	8.6507	98.6	67.964	79.676	0.05893	26.376	0
"2012-06-02	07:00:00"	7.2415	130.75	67.228	81.253	1.6855	26.37	0
"2012-06-02	08:00:00"	5.3873	123.61	66.868	81.364	63.066	26.397	0
"2012-06-02	09:00:00"	5.5445	163.76	70.477	71.817	225.28	26.409	0
"2012-06-02	10:00:00"	7.1719	184.9	73.99	64.354	445.05	26.412	0
"2012-06-02	11:00:00"	7.3123	171.01	79.655	51.998	663.56	26.409	0
"2012-06-02	12:00:00"	7.2433	159.69	83.66	42.076	831.72	26.415	0
"2012-06-02	13:00:00"	7.5055	175.22	87.081	34.734	941.6	26.4	0
"2012-06-02	14:00:00"	8.2673	179.61	89.986	28.236	993.85	26.382	0
"2012-06-02	15:00:00"	8.9887	172.06	91.577	24.275	984.3	26.361	0
"2012-06-02	16:00:00"	10.463	155.93	93.23	21.348	910.52	26.338	0
"2012-06-02	17:00:00"	11.142	157.69	94.035	18.542	788.27	26.317	0
"2012-06-02	18:00:00"	11.057	176.09	93.875	17.299	428.87	26.302	0
"2012-06-02	19:00:00"	11.447	172.27	92.721	20.362	250.04	26.291	0
"2012-06-02	20:00:00"	10.472	162.49	91.138	22.886	117.49	26.288	0
"2012-06-02	21:00:00"	9.8127	160.36	88.463	27.401	24.763	26.299	0
"2012-06-02	22:00:00"	7.1016	148.2	84.221	31.229	0.09921	26.314	0
"2012-06-02	23:00:00"	10.671	158.34	82.523	35.373	0.05448	26.329	0
"2012-06-03	00:00:00"	13.993	170.49	81.065	41.633	0.04515	26.338	0
"2012-06-03	01:00:00"	16.041	174.89	79.23	49.433	0.05702	26.335	0
"2012-06-03	02:00:00"	14.652	182.99	77.227	54.686	0.0513	26.332	0
"2012-06-03	03:00:00"	13.563	175.63	75.866	56.147	0.05448	26.305	0
"2012-06-03	04:00:00"	10.939	172.54	75.646	53.323	0.0443	26.326	0
"2012-06-03	05:00:00"	7.6056	146.54	73.986	54.066	0.07631	26.323	0
"2012-06-03	06:00:00"	8.1313	146.91	72.739	54.762	0.06211	26.326	0
"2012-06-03	07:00:00"	8.0865	152.28	70.584	57.456	1.1373	26.323	0
"2012-06-03	08:00:00"	10.136	165.28	69.935	57.53	63.286	26.329	0
"2012-06-03	09:00:00"	13.415	179.09	75.04	47.032	238.8	26.341	0
"2012-06-03	10:00:00"	14.332	190.66	79.923	39.634	415.94	26.356	0
"2012-06-03	11:00:00"	14.855	204.24	84.087	33.652	646.19	26.356	0
"2012-06-03	12:00:00"	13.261	217.38	88.493	24.801	818.33	26.358	0
"2012-06-03	13:00:00"	9.1304	226.52	91.129	20.056	923.25	26.356	0
"2012-06-03	14:00:00"	9.4013	214.95	93.495	18.719	971.43	26.341	0
"2012-06-03	15:00:00"	9.9457	213.39	95.444	16.574	960.31	26.323	0
"2012-06-03	16:00:00"	10.567	198.89	96.706	15.546	882.98	26.305	0
"2012-06-03	17:00:00"	9.356	182.56	97.396	14.977	761.72	26.291	0
"2012-06-03	18:00:00"	8.5786	190.26	97.705	14.606	517.23	26.279	0
"2012-06-03	19:00:00"	8.1518	181.91	96.5	16.056	277.09	26.273	0
"2012-06-03	20:00:00"	12.925	168.03	93.909	22.498	226.81	26.288	0
"2012-06-03	21:00:00"	12.921	168.84	89.666	25.955	56.506	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-03	22:00:00"	10.616	176.3	84.876	32.294	0.3114	26.323	0
"2012-06-03	23:00:00"	10.195	176.07	81.581	36.669	0.05533	26.338	0
"2012-06-04	00:00:00"	10.388	176.64	79.111	40.822	0.05321	26.353	0
"2012-06-04	01:00:00"	8.1729	182.33	76.769	45.461	0.04346	26.356	0
"2012-06-04	02:00:00"	8.7887	175.09	74.851	52.768	0.06381	26.347	0
"2012-06-04	03:00:00"	9.9873	187.75	74.1	59.126	0.05935	26.338	0
"2012-06-04	04:00:00"	9.4455	188.47	73.215	62.771	0.05088	26.332	0
"2012-06-04	05:00:00"	5.8987	181.44	71.318	66.054	0.06126	26.329	0
"2012-06-04	06:00:00"	4.4571	183.11	68.451	70.898	0.05957	26.332	0
"2012-06-04	07:00:00"	5.3686	66.589	65.479	76.261	2.5917	26.335	0
"2012-06-04	08:00:00"	4.9859	56.54	64.541	79.129	85.236	26.341	0
"2012-06-04	09:00:00"	5.711	126.14	72.155	64.171	273.89	26.353	0
"2012-06-04	10:00:00"	5.1033	253.79	76.863	53.568	482.82	26.388	0
"2012-06-04	11:00:00"	8.9788	32.438	79.074	50.586	674.72	26.376	0
"2012-06-04	12:00:00"	8.6613	58.113	83.205	41.371	834.63	26.379	0
"2012-06-04	13:00:00"	8.5314	77.265	87.777	32.561	941.86	26.367	0
"2012-06-04	14:00:00"	8.4059	88.974	91.226	26.919	985.58	26.353	0
"2012-06-04	15:00:00"	8.4581	108.58	94.094	21.642	974.45	26.323	0
"2012-06-04	16:00:00"	9.195	143.44	96.509	15.465	904.09	26.294	0
"2012-06-04	17:00:00"	11.26	160.32	97.098	17.153	743.92	26.273	0
"2012-06-04	18:00:00"	8.7893	168.94	96.589	16.646	509.08	26.246	0
"2012-06-04	19:00:00"	7.1694	173.53	95.163	15.937	124.54	26.249	0
"2012-06-04	20:00:00"	12.509	74.164	85.542	28.139	58.664	26.314	0
"2012-06-04	21:00:00"	20.778	42.166	70.673	55.633	7.2215	26.323	0
"2012-06-04	22:00:00"	14.834	46.14	71.445	51.391	0.06317	26.32	0
"2012-06-04	23:00:00"	9.3933	28.043	73.405	43.769	0.05766	26.364	0
"2012-06-05	00:00:00"	7.4347	54.492	72.359	46.454	0.06762	26.373	0
"2012-06-05	01:00:00"	6.3939	66.903	69.773	57.508	0.04854	26.4	0
"2012-06-05	02:00:00"	6.1255	54.996	69.062	59.578	0.05427	26.415	0
"2012-06-05	03:00:00"	9.3181	76.091	67.543	64.861	0.04049	26.406	0
"2012-06-05	04:00:00"	6.4517	85.553	65.43	71.932	0.07674	26.415	0
"2012-06-05	05:00:00"	4.8678	30.477	63.361	77.336	0.05554	26.415	0
"2012-06-05	06:00:00"	7.1066	13.259	63.236	78.377	0.07059	26.409	0
"2012-06-05	07:00:00"	8.0262	16.165	62.835	79.073	4.3174	26.409	0
"2012-06-05	08:00:00"	7.6118	22.109	64.033	75.327	68.615	26.415	0
"2012-06-05	09:00:00"	7.3434	14.762	66.679	68.316	170.79	26.426	0
"2012-06-05	10:00:00"	6.7593	5.0633	70.427	58.233	289.35	26.438	0
"2012-06-05	11:00:00"	3.151	301.26	74.176	52.162	386.92	26.429	0
"2012-06-05	12:00:00"	5.4202	189.64	76.823	51.488	751.59	26.418	0
"2012-06-05	13:00:00"	6.8891	204.62	78.869	48.068	820.22	26.409	0
"2012-06-05	14:00:00"	6.0304	166.44	80.56	44.533	745.45	26.391	0
"2012-06-05	15:00:00"	6.5679	156.83	82.641	40.763	836.08	26.37	0
"2012-06-05	16:00:00"	5.734	124.59	84.204	36.812	597.99	26.344	0
"2012-06-05	17:00:00"	5.1698	123.76	85.66	33.888	672.73	26.32	0
"2012-06-05	18:00:00"	5.734	127.91	86.824	32.879	633.2	26.299	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-05	19:00:00"	6.6816	147.38	86.697	33.234	317.42	26.285	0
"2012-06-05	20:00:00"	8.4283	142.08	85.719	35.2	185.89	26.294	0
"2012-06-05	21:00:00"	7.0538	112.95	84.401	36.815	46.706	26.305	0
"2012-06-05	22:00:00"	6.5753	78.402	79.792	45.143	0.21113	26.323	0
"2012-06-05	23:00:00"	9.1845	74.643	76.819	54.328	0.03943	26.341	0
"2012-06-06	00:00:00"	7.7044	79.159	75.208	58.012	0.05193	26.344	0
"2012-06-06	01:00:00"	7.6391	98.24	74.141	60.135	0.07737	26.326	0
"2012-06-06	02:00:00"	6.5318	95.799	72.211	63.426	0.07038	26.317	0
"2012-06-06	03:00:00"	6.4523	107.47	70.422	66.047	0.05554	26.305	0
"2012-06-06	04:00:00"	6.1969	73.051	67.386	72.081	0.06317	26.308	0
"2012-06-06	05:00:00"	6.3398	81.652	66.029	75.001	0.07356	26.311	0
"2012-06-06	06:00:00"	7.8442	94.855	65.816	74.987	0.05893	26.305	0
"2012-06-06	07:00:00"	9.8326	100.66	65.419	74.32	1.298	26.317	0
"2012-06-06	08:00:00"	11.904	102.51	66.796	69.823	78.485	26.335	0
"2012-06-06	09:00:00"	14.902	105.91	71.231	58.688	276.7	26.364	0
"2012-06-06	10:00:00"	16.953	101.69	73.871	53.086	439.84	26.367	0
"2012-06-06	11:00:00"	17.558	105.98	77.303	46.868	675.04	26.364	0
"2012-06-06	12:00:00"	18.884	118.95	79.829	41.352	827.2	26.37	0
"2012-06-06	13:00:00"	17.47	125.96	82.908	36.383	939.4	26.358	0
"2012-06-06	14:00:00"	15.768	129.66	84.625	33.934	987.98	26.341	0
"2012-06-06	15:00:00"	15.076	133.66	87.054	30.625	958.46	26.323	0
"2012-06-06	16:00:00"	12.401	132.23	89.883	26.813	902.72	26.296	0
"2012-06-06	17:00:00"	10.776	150.24	92.529	21.861	746.01	26.279	0
"2012-06-06	18:00:00"	8.6209	190.42	93.425	18.961	634.94	26.267	0
"2012-06-06	19:00:00"	6.8171	176.76	93.636	17.386	433.9	26.261	0
"2012-06-06	20:00:00"	7.2657	158.39	92.894	18.156	220.49	26.273	0
"2012-06-06	21:00:00"	14.048	93.891	84.119	36.197	38.85	26.282	0
"2012-06-06	22:00:00"	12.992	88.663	78.9	42.841	0.38305	26.311	0
"2012-06-06	23:00:00"	14.119	84.703	74.68	49.5	0.05575	26.341	0
"2012-06-07	00:00:00"	14.029	89.948	72.989	50.905	0.05999	26.353	0
"2012-06-07	01:00:00"	12.871	97.369	72.254	51.597	0.06997	26.35	0
"2012-06-07	02:00:00"	10.933	100.16	71.207	54.385	0.04748	26.338	0
"2012-06-07	03:00:00"	9.1696	95.29	69.534	58.833	0.05427	26.332	0
"2012-06-07	04:00:00"	7.2241	80.429	66.834	64.114	0.05236	26.326	0
"2012-06-07	05:00:00"	7.4428	67.39	64.218	69.485	0.04452	26.338	0
"2012-06-07	06:00:00"	9.7064	62.358	63.049	76.083	0.0602	26.347	0
"2012-06-07	07:00:00"	10.934	69.806	63.039	81.719	2.219	26.364	0
"2012-06-07	08:00:00"	12.734	72.079	63.697	84.344	94.937	26.376	0
"2012-06-07	09:00:00"	13.455	83.422	67.084	78.055	284.49	26.397	0
"2012-06-07	10:00:00"	13.048	86.333	70.886	68.013	492.61	26.418	0
"2012-06-07	11:00:00"	14.69	82.136	74.913	58.839	679.29	26.441	0
"2012-06-07	12:00:00"	14.722	106.12	78.09	52.266	837.19	26.429	0
"2012-06-07	13:00:00"	12.206	122.53	81.865	47.086	947.17	26.42	0
"2012-06-07	14:00:00"	10.934	140.69	86.134	40.311	997.43	26.406	0
"2012-06-07	15:00:00"	8.3848	138.83	89.026	34.125	984.43	26.4	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-07	16:00:00"	7.2557	118.8	90.602	29.489	896.08	26.382	0
"2012-06-07	17:00:00"	7.9287	122.76	91.565	28.418	788.16	26.37	0
"2012-06-07	18:00:00"	8.3431	136.69	92.258	27.806	621.76	26.361	0
"2012-06-07	19:00:00"	8.4612	123	92.551	26.741	425.92	26.356	0
"2012-06-07	20:00:00"	11.971	123.99	90.738	30.231	214.23	26.361	0
"2012-06-07	21:00:00"	16.576	115.48	85.581	40.866	45.699	26.385	0
"2012-06-07	22:00:00"	16.087	104.61	81.209	45.053	0.3114	26.4	0
"2012-06-07	23:00:00"	13.922	107.33	78.883	46.246	0.06105	26.418	0
"2012-06-08	00:00:00"	13.817	105.68	76.043	48.347	0.04876	26.435	0
"2012-06-08	01:00:00"	11.647	104.09	73.706	53.556	0.0761	26.435	0
"2012-06-08	02:00:00"	12.675	89.583	68.012	82.331	0.06338	26.438	0
"2012-06-08	03:00:00"	12.322	91.601	66.121	87.54	0.05363	26.438	0
"2012-06-08	04:00:00"	14.375	104.21	65.415	84.454	0.06211	26.435	0
"2012-06-08	05:00:00"	12.708	99.093	64.326	85.898	0.07483	26.441	0
"2012-06-08	06:00:00"	12.373	98.623	63.636	86.866	0.06465	26.45	0
"2012-06-08	07:00:00"	11.054	103.38	63.334	85.695	2.9963	26.465	0
"2012-06-08	08:00:00"	10.22	99.896	63.542	85.191	71.616	26.48	0
"2012-06-08	09:00:00"	14.203	109.36	66.104	77.697	252.04	26.491	0
"2012-06-08	10:00:00"	13.447	113.82	69.335	68.838	471.42	26.485	0
"2012-06-08	11:00:00"	13.031	122	72.66	62.293	652.64	26.483	0
"2012-06-08	12:00:00"	12.717	122.22	75.572	57.252	812.83	26.48	0
"2012-06-08	13:00:00"	11.464	123.51	78.102	52.899	894.34	26.465	0
"2012-06-08	14:00:00"	11.364	127.25	80.735	48.429	993.58	26.438	0
"2012-06-08	15:00:00"	11.197	134.5	83.412	44.253	984.33	26.426	0
"2012-06-08	16:00:00"	11.535	139.6	85.088	41.247	879.89	26.403	0
"2012-06-08	17:00:00"	10.25	143.28	86.696	38.154	785.61	26.382	0
"2012-06-08	18:00:00"	10.55	140.07	87.433	36.727	620.29	26.358	0
"2012-06-08	19:00:00"	11.976	136.28	87.453	36.19	421.65	26.35	0
"2012-06-08	20:00:00"	12.544	130.52	86.392	37.365	214.71	26.341	0
"2012-06-08	21:00:00"	13.203	127.33	83.797	41.561	49.871	26.338	0
"2012-06-08	22:00:00"	11.158	122.74	80.925	45.431	0.49328	26.341	0
"2012-06-08	23:00:00"	10.446	120.05	78.745	49.322	0.06317	26.358	0
"2012-06-09	00:00:00"	9.489	122.55	76.276	53.81	0.04621	26.356	0
"2012-06-09	01:00:00"	9.3672	127.83	74.247	58.206	0.0672	26.356	0
"2012-06-09	02:00:00"	9.3535	140.18	72.667	61.025	0.06338	26.341	0
"2012-06-09	03:00:00"	8.5376	142.13	71.06	62.995	0.06359	26.323	0
"2012-06-09	04:00:00"	6.0751	121.09	68.718	67.364	0.05321	26.308	0
"2012-06-09	05:00:00"	6.274	114.18	66.633	71.758	0.06826	26.314	0
"2012-06-09	06:00:00"	6.1503	113.03	64.974	75.604	0.06656	26.311	0
"2012-06-09	07:00:00"	7.078	120.33	63.77	78.468	3.6242	26.308	0
"2012-06-09	08:00:00"	5.8713	141.64	65.04	77.578	93.667	26.308	0
"2012-06-09	09:00:00"	8.0604	184.38	70.004	69.681	279.09	26.311	0
"2012-06-09	10:00:00"	10.335	198.18	75.622	58.288	486.67	26.317	0
"2012-06-09	11:00:00"	10.461	214.43	80.798	43.767	678.97	26.308	0
"2012-06-09	12:00:00"	10.179	240.98	85.79	31.542	820.5	26.299	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-09	13:00:00"	10.575	267.49	92.881	15.832	951.75	26.285	0
"2012-06-09	14:00:00"	10.625	272.17	96.369	8.9497	884.13	26.267	0
"2012-06-09	15:00:00"	9.7841	281.21	97.631	7.2503	855.59	26.24	0
"2012-06-09	16:00:00"	12.143	271.6	100.09	7.1172	904.16	26.211	0
"2012-06-09	17:00:00"	14.913	255.39	100.86	6.3903	794.06	26.196	0
"2012-06-09	18:00:00"	12.025	250.85	100.99	5.7644	653.73	26.175	0
"2012-06-09	19:00:00"	11.018	259.44	100.62	5.9894	442.45	26.164	0
"2012-06-09	20:00:00"	10.483	264.86	99.194	6.2803	230.71	26.167	0
"2012-06-09	21:00:00"	7.8025	275.06	95.342	7.3061	56.604	26.178	0
"2012-06-09	22:00:00"	2.2487	242.55	86.228	10.323	0.36333	26.19	0
"2012-06-09	23:00:00"	1.472	237.78	81.109	12.648	0.06275	26.205	0
"2012-06-10	00:00:00"	2.7253	199.6	78.285	16.467	0.05278	26.22	0
"2012-06-10	01:00:00"	10.707	177.32	79.106	42.667	0.06147	26.214	0
"2012-06-10	02:00:00"	11.644	182.16	78.435	49.547	0.06826	26.214	0
"2012-06-10	03:00:00"	11.301	182.33	76.513	54.872	0.07398	26.214	0
"2012-06-10	04:00:00"	9.0888	189.15	74.57	60.092	0.05935	26.22	0
"2012-06-10	05:00:00"	6.3672	210.38	72.161	64.698	0.08013	26.229	0
"2012-06-10	06:00:00"	4.4273	229.3	68.187	71.979	0.05003	26.237	0
"2012-06-10	07:00:00"	4.1191	246.96	66.141	75.909	2.2237	26.249	0
"2012-06-10	08:00:00"	5.2531	241.26	66.594	75.968	93.374	26.273	0
"2012-06-10	09:00:00"	7.0252	234.19	71.932	63.197	285.88	26.288	0
"2012-06-10	10:00:00"	8.2114	258.07	79.799	40.113	498.77	26.305	0
"2012-06-10	11:00:00"	10.241	286.35	89.402	14.588	691.48	26.308	0
"2012-06-10	12:00:00"	14.069	297.15	94.059	8.7928	853.27	26.311	0
"2012-06-10	13:00:00"	14.083	300.22	95.591	8.2514	964.66	26.302	0
"2012-06-10	14:00:00"	12.895	274.75	97.647	7.3181	1015.2	26.296	0
"2012-06-10	15:00:00"	14.231	263.24	99.221	7.06	1005.3	26.282	0
"2012-06-10	16:00:00"	16.066	253.19	99.266	7.1103	940.52	26.276	0
"2012-06-10	17:00:00"	14.7	253.93	99.702	6.8197	816.38	26.264	0
"2012-06-10	18:00:00"	14.699	251.48	99.503	6.7903	642.37	26.261	0
"2012-06-10	19:00:00"	15.295	252.1	98.78	7.2603	442.52	26.261	0
"2012-06-10	20:00:00"	13.344	251.86	97.261	7.5081	231.01	26.276	0
"2012-06-10	21:00:00"	11.687	232.39	93.963	8.285	55.985	26.291	0
"2012-06-10	22:00:00"	5.4432	225.99	86.984	10.297	0.37817	26.305	0
"2012-06-10	23:00:00"	3.228	250.67	80.649	12.899	0.06063	26.314	0
"2012-06-11	00:00:00"	3.9699	272.87	79.813	12.771	0.05957	26.323	0
"2012-06-11	01:00:00"	1.9194	234.51	76.486	13.636	0.06359	26.317	0
"2012-06-11	02:00:00"	1.6504	301.83	75.541	13.488	0.07377	26.314	0
"2012-06-11	03:00:00"	3.7146	318.91	73.891	14.475	0.0513	26.311	0
"2012-06-11	04:00:00"	4.3142	213.55	72.62	15.009	0.07038	26.338	0
"2012-06-11	05:00:00"	1.6305	226.54	73.098	15.251	0.06041	26.35	0
"2012-06-11	06:00:00"	1.8175	213.53	70.144	17.212	0.0549	26.361	0
"2012-06-11	07:00:00"	2.278	177.82	68.191	20.39	3.5606	26.379	0
"2012-06-11	08:00:00"	2.8807	220.13	69.952	22.253	94.216	26.406	0
"2012-06-11	09:00:00"	3.4107	284.05	76.578	18.808	283.93	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-11	10:00:00"	4.5845	263.58	83.678	13.377	490.84	26.444	0
"2012-06-11	11:00:00"	7.3284	310.45	88.911	11.136	684.19	26.444	0
"2012-06-11	12:00:00"	7.0594	318.12	92.371	8.6853	840.85	26.45	0
"2012-06-11	13:00:00"	7.3931	349.46	93.564	9.4031	917.56	26.45	0
"2012-06-11	14:00:00"	6.7667	347.01	94.493	10.986	910.45	26.444	0
"2012-06-11	15:00:00"	5.9148	350.39	96.212	11.096	914.04	26.429	0
"2012-06-11	16:00:00"	6.0621	345.01	97.737	9.7675	962.28	26.42	0
"2012-06-11	17:00:00"	6.6362	28.838	98.33	8.5164	583.82	26.406	0
"2012-06-11	18:00:00"	4.1222	223.19	98.209	8.0175	331.69	26.397	0
"2012-06-11	19:00:00"	3.9476	183.87	98.571	7.7889	336.95	26.388	0
"2012-06-11	20:00:00"	5.9875	179.87	97.608	8.4195	204.92	26.394	0
"2012-06-11	21:00:00"	4.1495	162.5	92.593	11.441	47.624	26.403	0
"2012-06-11	22:00:00"	4.797	130.81	87.061	16.458	0.32984	26.429	0
"2012-06-11	23:00:00"	11.71	95.377	86.687	23.268	0.0371	26.453	0
"2012-06-12	00:00:00"	9.3957	85.081	82.074	28.216	0.07843	26.465	0
"2012-06-12	01:00:00"	8.2263	71.674	78.628	31.974	0.06444	26.462	0
"2012-06-12	02:00:00"	9.026	73.604	75.112	37.18	0.06741	26.471	0
"2012-06-12	03:00:00"	9.8618	83.546	72.947	44.964	0.05787	26.471	0
"2012-06-12	04:00:00"	9.2603	86.257	72.472	51.991	0.06614	26.468	0
"2012-06-12	05:00:00"	7.518	87.638	69.773	56.081	0.04706	26.462	0
"2012-06-12	06:00:00"	5.8906	81.215	68.092	59.846	0.06889	26.456	0
"2012-06-12	07:00:00"	6.5511	86.879	66.378	63.462	3.9924	26.474	0
"2012-06-12	08:00:00"	7.1706	66.223	67.536	62.744	103.88	26.5	0
"2012-06-12	09:00:00"	13.068	42.45	72.479	56.406	265.41	26.542	0
"2012-06-12	10:00:00"	14.472	62.807	76.255	54.226	350.05	26.553	0
"2012-06-12	11:00:00"	15.37	69.366	79.002	53.061	662.22	26.547	0
"2012-06-12	12:00:00"	16.95	77.239	80.195	51.614	825.32	26.542	0
"2012-06-12	13:00:00"	15.281	90.966	82.715	46.753	816.41	26.53	0
"2012-06-12	14:00:00"	14.508	92.277	86.322	41.519	913.85	26.503	0
"2012-06-12	15:00:00"	13.703	103.89	88.703	36.2	860.34	26.474	0
"2012-06-12	16:00:00"	12.917	113.75	89.734	36.547	570.82	26.45	0
"2012-06-12	17:00:00"	14.403	114.28	90.851	36.414	514.12	26.426	0
"2012-06-12	18:00:00"	16.082	115.24	92.179	33.198	523.97	26.409	0
"2012-06-12	19:00:00"	16.357	117.75	92.607	28.751	299.47	26.341	0
"2012-06-12	20:00:00"	17.984	131.34	89.185	33.558	14.902	26.388	0
"2012-06-12	21:00:00"	23.255	64.426	73.626	69.859	1.1447	26.468	0.17
"2012-06-12	22:00:00"	22.077	96.284	66.058	81.543	2.9139	26.447	0.04
"2012-06-12	23:00:00"	16.059	108.98	70.645	80.821	0.05808	26.441	0
"2012-06-13	00:00:00"	16.546	128.17	73.075	74.433	0.0744	26.435	0
"2012-06-13	01:00:00"	14.541	129.6	72.898	67.263	0.05978	26.432	0
"2012-06-13	02:00:00"	10.719	141.14	70.99	74.485	0.06995	26.418	0
"2012-06-13	03:00:00"	9.264	143.16	69.539	76.362	0.07165	26.409	0
"2012-06-13	04:00:00"	14.194	79.265	69.152	74.262	0.0566	26.477	0
"2012-06-13	05:00:00"	13.822	74.589	68.872	74.299	0.06232	26.453	0
"2012-06-13	06:00:00"	13.543	86.287	65.131	82.679	0.06805	26.444	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-13	07:00:00"	13.399	92.23	63.274	85.525	2.371	26.45	0
"2012-06-13	08:00:00"	13.473	90.949	63.69	83.472	79.223	26.456	0
"2012-06-13	09:00:00"	14.577	100.22	65.742	77.201	245.43	26.459	0
"2012-06-13	10:00:00"	16.753	115.85	69.677	70.352	436.96	26.465	0
"2012-06-13	11:00:00"	18.791	123.64	71.873	67.303	467.68	26.471	0
"2012-06-13	12:00:00"	17.559	136	74.719	65.167	600.68	26.453	0
"2012-06-13	13:00:00"	16.168	151.17	77.416	61.962	712.54	26.45	0
"2012-06-13	14:00:00"	16.61	142.99	80.093	58.641	737.1	26.418	0
"2012-06-13	15:00:00"	13.989	149.95	83.174	53.46	644.58	26.394	0
"2012-06-13	16:00:00"	13.126	169.26	84.532	46.829	350.79	26.358	0
"2012-06-13	17:00:00"	12.738	196.44	88.41	37.707	435.13	26.347	0
"2012-06-13	18:00:00"	13.535	194.39	87.533	38.146	130.51	26.335	0
"2012-06-13	19:00:00"	13.542	190.07	84.717	44.074	67.925	26.314	0
"2012-06-13	20:00:00"	16.53	178.81	84.493	39.983	57.395	26.279	0
"2012-06-13	21:00:00"	7.7006	142.86	83.473	40.129	24.285	26.305	0
"2012-06-13	22:00:00"	4.5	155.63	80.786	45.187	0.28299	26.332	0
"2012-06-13	23:00:00"	3.7326	141.49	77.619	55.219	0.05257	26.332	0
"2012-06-14	00:00:00"	5.3972	78.399	73.687	67.772	0.05681	26.335	0
"2012-06-14	01:00:00"	4.9361	103.01	72.115	71.768	0.06215	26.329	0
"2012-06-14	02:00:00"	5.2382	69.407	68.986	80.349	0.06275	26.326	0
"2012-06-14	03:00:00"	5.5967	93.96	69.002	79.406	0.07059	26.326	0
"2012-06-14	04:00:00"	7.1843	98.433	69.319	76.931	0.05151	26.317	0
"2012-06-14	05:00:00"	6.8084	103.71	68.148	79.671	0.06359	26.308	0
"2012-06-14	06:00:00"	6.8922	119.36	67.96	77.798	0.05639	26.323	0
"2012-06-14	07:00:00"	6.5393	145.03	68.452	72.762	3.1973	26.335	0
"2012-06-14	08:00:00"	8.1636	169.3	69.61	66.539	84.846	26.344	0
"2012-06-14	09:00:00"	11.31	186	75.222	51.903	261.59	26.358	0
"2012-06-14	10:00:00"	13.565	204.8	80.638	40.275	465.15	26.367	0
"2012-06-14	11:00:00"	14.567	211.53	84.952	33.008	659.31	26.358	0
"2012-06-14	12:00:00"	15.6	226.25	89.327	24.792	827.35	26.356	0
"2012-06-14	13:00:00"	14.097	229.56	92.645	20.454	1016.6	26.347	0
"2012-06-14	14:00:00"	10.393	231.69	94.182	17.822	750.83	26.329	0
"2012-06-14	15:00:00"	10.516	214.07	97.561	14.584	930.4	26.305	0
"2012-06-14	16:00:00"	11.47	215.67	99.149	12.557	911.17	26.288	0
"2012-06-14	17:00:00"	13.545	207.13	99.751	12.713	791.17	26.27	0
"2012-06-14	18:00:00"	13.177	196.5	100.29	12.143	633.05	26.252	0
"2012-06-14	19:00:00"	12.948	176.03	99.37	14.67	448.54	26.243	0
"2012-06-14	20:00:00"	21.225	162.42	92.942	27.839	198.02	26.258	0
"2012-06-14	21:00:00"	17.267	168.13	88.217	29.307	61.105	26.264	0
"2012-06-14	22:00:00"	7.6192	147.75	83.574	31.154	0.54034	26.27	0
"2012-06-14	23:00:00"	8.7756	153.53	80.978	37.461	0.06911	26.302	0
"2012-06-15	00:00:00"	8.1375	199.27	78.103	37.051	0.05342	26.335	0
"2012-06-15	01:00:00"	8.3028	132.43	76.87	34.402	0.08331	26.364	0
"2012-06-15	02:00:00"	7.3303	135.04	74.636	37.722	0.05427	26.361	0
"2012-06-15	03:00:00"	7.8864	129.21	72.755	41.26	0.06253	26.358	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-15	04:00:00"	11.385	111.41	72.168	44.433	0.06805	26.358	0
"2012-06-15	05:00:00"	11.294	107.76	71.411	51.646	0.05935	26.361	0
"2012-06-15	06:00:00"	12.677	103.4	68.217	70.17	0.07038	26.37	0
"2012-06-15	07:00:00"	11.249	107.59	66.804	72.613	4.1832	26.376	0
"2012-06-15	08:00:00"	11.717	113.97	66.929	71.822	65.086	26.379	0
"2012-06-15	09:00:00"	11.914	133.27	70.89	64.321	260.32	26.391	0
"2012-06-15	10:00:00"	12.85	149.06	75.712	57.277	465.96	26.4	0
"2012-06-15	11:00:00"	12.405	168.02	80.449	47.679	652.43	26.397	0
"2012-06-15	12:00:00"	11.569	180.55	85.327	37.023	837.33	26.403	0
"2012-06-15	13:00:00"	8.1797	184.24	88.346	29.688	941.16	26.409	0
"2012-06-15	14:00:00"	10.09	174.33	90.222	28.674	933.85	26.397	0
"2012-06-15	15:00:00"	10.858	164.99	89.881	29.648	736.45	26.394	0
"2012-06-15	16:00:00"	9.0633	155.75	91.462	26.623	694.15	26.373	0
"2012-06-15	17:00:00"	11.848	143.21	93.712	23.645	746.19	26.341	0
"2012-06-15	18:00:00"	12.949	151.9	94.215	23.349	485.39	26.326	0
"2012-06-15	19:00:00"	12.828	164.08	92.86	23.928	207.34	26.332	0
"2012-06-15	20:00:00"	15.573	172.38	90.967	28.488	114.33	26.364	0
"2012-06-15	21:00:00"	13.945	172.24	88.48	30.757	30.169	26.373	0
"2012-06-15	22:00:00"	10.134	165.31	85.429	33.488	0.16789	26.415	0
"2012-06-15	23:00:00"	10.243	42.595	78.665	38.967	0.06359	26.453	0
"2012-06-16	00:00:00"	13.173	66.224	71.276	56.909	0.06826	26.459	0
"2012-06-16	01:00:00"	8.7974	87.629	69.482	59.921	0.04812	26.444	0
"2012-06-16	02:00:00"	8.5755	91.486	69.605	60.239	0.04473	26.444	0
"2012-06-16	03:00:00"	10.325	80.313	69.165	61.704	0.05469	26.459	0
"2012-06-16	04:00:00"	9.0844	72.755	67.357	64.753	0.05745	26.456	0
"2012-06-16	05:00:00"	9.7822	78.707	66.17	66.611	0.06275	26.462	0
"2012-06-16	06:00:00"	10.664	79.383	66.099	66.323	0.06465	26.471	0
"2012-06-16	07:00:00"	9.6027	78.159	65.138	69.177	2.0744	26.488	0
"2012-06-16	08:00:00"	9.3982	66.981	65.507	69.716	84.593	26.5	0
"2012-06-16	09:00:00"	9.96	95.484	70.068	61.876	267.54	26.5	0
"2012-06-16	10:00:00"	11.266	149.91	75.728	58.367	472.22	26.503	0
"2012-06-16	11:00:00"	11.682	175.82	79.25	54.37	741.26	26.503	0
"2012-06-16	12:00:00"	10.471	174.61	82.765	47.766	775.71	26.503	0
"2012-06-16	13:00:00"	9.2615	177.25	85.554	39.928	817.13	26.5	0
"2012-06-16	14:00:00"	8.3264	160.66	87.787	35.374	792.47	26.494	0
"2012-06-16	15:00:00"	8.4854	157.69	89.757	27.91	730.07	26.477	0
"2012-06-16	16:00:00"	9.8636	134.59	91.387	26.036	751.11	26.465	0
"2012-06-16	17:00:00"	10.568	129.71	92.049	25.649	734.81	26.435	0
"2012-06-16	18:00:00"	11.385	132.23	92.405	22.494	633.52	26.42	0
"2012-06-16	19:00:00"	10.919	131	92.373	18.71	446.03	26.415	0
"2012-06-16	20:00:00"	10.5	138.36	91.238	19.895	200.91	26.435	0
"2012-06-16	21:00:00"	9.8369	192.97	87.532	24.319	26.542	26.477	0
"2012-06-16	22:00:00"	11.975	298.31	80.093	37.361	0.14415	26.503	0
"2012-06-16	23:00:00"	10.084	324.71	77.833	42.728	0.05321	26.533	0
"2012-06-17	00:00:00"	13.089	80.831	75.484	52.868	0.06783	26.55	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-17	01:00:00"	15.988	100.62	71.607	61.13	0.07039	26.565	0
"2012-06-17	02:00:00"	10.09	81.836	71.193	58.07	0.05914	26.574	0
"2012-06-17	03:00:00"	8.647	34.349	69.669	62.869	0.0602	26.574	0
"2012-06-17	04:00:00"	9.5567	43.588	67.703	69.013	0.07313	26.562	0
"2012-06-17	05:00:00"	8.7029	45.431	65.431	75.716	0.06169	26.545	0
"2012-06-17	06:00:00"	8.8334	31.37	64.712	81.486	0.06762	26.53	0
"2012-06-17	07:00:00"	7.3577	45.184	64.637	86.842	1.8309	26.515	0
"2012-06-17	08:00:00"	4.3341	77.975	66.185	82.403	73.68	26.524	0
"2012-06-17	09:00:00"	7.4142	131.05	72.625	59.576	270.95	26.539	0
"2012-06-17	10:00:00"	10.183	166.29	75.662	54.467	473.56	26.539	0
"2012-06-17	11:00:00"	9.0757	189.05	77.624	53.146	662.05	26.518	0
"2012-06-17	12:00:00"	7.1781	200.13	80.526	47.326	823.24	26.509	0
"2012-06-17	13:00:00"	8.2052	202.29	84.041	42.016	934.23	26.488	0
"2012-06-17	14:00:00"	7.8324	210.79	86.953	36.352	986.12	26.459	0
"2012-06-17	15:00:00"	8.0337	219.13	89.2	31.343	929.66	26.426	0
"2012-06-17	16:00:00"	8.5389	201	90.097	28.649	732.53	26.397	0
"2012-06-17	17:00:00"	9.1627	201.29	91.458	26.623	809.64	26.358	0
"2012-06-17	18:00:00"	9.6306	223.6	92.683	24.731	644.04	26.335	0
"2012-06-17	19:00:00"	10.341	217.47	93.166	22.868	432.22	26.317	0
"2012-06-17	20:00:00"	11.044	219.76	91.892	22.823	177.01	26.323	0
"2012-06-17	21:00:00"	8.4494	215.81	90.583	23.547	76.502	26.317	0
"2012-06-17	22:00:00"	6.7605	184.91	85.107	28.944	0.60605	26.323	0
"2012-06-17	23:00:00"	8.6197	180.83	82.397	36.244	0.06041	26.329	0
"2012-06-18	00:00:00"	10.162	178.49	80.617	37.722	0.07123	26.332	0
"2012-06-18	01:00:00"	12.152	179.26	80.129	36.915	0.06402	26.323	0
"2012-06-18	02:00:00"	12.33	173.78	78.43	38.798	0.06402	26.314	0
"2012-06-18	03:00:00"	15.092	182.17	77.503	41.327	0.08034	26.294	0
"2012-06-18	04:00:00"	13.05	192.81	76.246	45.714	0.07144	26.285	0
"2012-06-18	05:00:00"	9.1286	190.93	74.449	49.772	0.04706	26.27	0
"2012-06-18	06:00:00"	10.407	189.97	73.437	51.587	0.0496	26.264	0
"2012-06-18	07:00:00"	11.911	184.51	72.614	52.655	2.5319	26.255	0
"2012-06-18	08:00:00"	11.101	196.9	72.341	53.519	82.342	26.261	0
"2012-06-18	09:00:00"	12.264	200.89	75.701	48.8	267.04	26.27	0
"2012-06-18	10:00:00"	13.551	209.37	81.069	40.201	485	26.273	0
"2012-06-18	11:00:00"	12.801	217.86	86.06	32.519	678.78	26.261	0
"2012-06-18	12:00:00"	9.3846	240.41	90.419	26.137	838.53	26.264	0
"2012-06-18	13:00:00"	7.3434	247.03	94.907	20.224	948.59	26.246	0
"2012-06-18	14:00:00"	6.5132	285.05	98.87	13.317	1006.2	26.229	0
"2012-06-18	15:00:00"	5.88	266.55	101.54	11.251	999.74	26.202	0
"2012-06-18	16:00:00"	5.8291	313.73	103.95	8.4314	937.26	26.178	0
"2012-06-18	17:00:00"	7.2688	301.03	104.54	6.4489	801.25	26.161	0
"2012-06-18	18:00:00"	7.2421	320.44	105.15	5.7742	650.11	26.152	0
"2012-06-18	19:00:00"	4.4353	243	104.57	6.3094	451.16	26.149	0
"2012-06-18	20:00:00"	11.571	160.57	101.63	12.698	238.58	26.137	0
"2012-06-18	21:00:00"	18.071	173.17	94.661	24.396	56.891	26.158	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-18	22:00:00"	14.424	170.92	90.596	28.688	0.58188	26.184	0
"2012-06-18	23:00:00"	14.449	163.59	87.741	32.515	0.05554	26.214	0
"2012-06-19	00:00:00"	17.62	168.88	84.905	37.29	0.03922	26.214	0
"2012-06-19	01:00:00"	15.706	167.92	81.911	41.647	0.05957	26.232	0
"2012-06-19	02:00:00"	14.804	165.47	79.741	44.117	0.05257	26.226	0
"2012-06-19	03:00:00"	14.045	169.67	78.14	45.571	0.06593	26.22	0
"2012-06-19	04:00:00"	15.154	171.78	76.682	51.029	0.05957	26.214	0
"2012-06-19	05:00:00"	13.386	173.67	74.902	56.203	0.0602	26.208	0
"2012-06-19	06:00:00"	10.699	172.42	72.878	58.762	0.05469	26.208	0
"2012-06-19	07:00:00"	8.2282	170.47	70.816	63.279	3.4701	26.217	0
"2012-06-19	08:00:00"	9.7624	176.52	70.503	65.673	92.146	26.22	0
"2012-06-19	09:00:00"	13.599	179.96	72.982	60.984	276.75	26.237	0
"2012-06-19	10:00:00"	11.149	178.31	76.629	53.306	485.1	26.246	0
"2012-06-19	11:00:00"	9.8655	180.99	80.647	45.248	676.79	26.249	0
"2012-06-19	12:00:00"	8.2002	182.53	84.275	37.059	834.51	26.255	0
"2012-06-19	13:00:00"	6.3131	181.85	87.974	30.475	944.08	26.249	0
"2012-06-19	14:00:00"	8.2474	164.14	91.319	26.586	997.5	26.234	0
"2012-06-19	15:00:00"	8.5383	141.09	93.235	24.143	989.57	26.22	0
"2012-06-19	16:00:00"	10.332	161.17	95.208	24.033	918.03	26.193	0
"2012-06-19	17:00:00"	11.697	164.93	97.715	21.326	794.44	26.181	0
"2012-06-19	18:00:00"	12.341	164.3	99.117	19.87	628.63	26.167	0
"2012-06-19	19:00:00"	13.707	161.76	98.108	20.387	330.47	26.164	0
"2012-06-19	20:00:00"	14.834	151.27	93.907	26.426	94.398	26.181	0
"2012-06-19	21:00:00"	17.326	154.89	91.306	30.663	75.692	26.199	0
"2012-06-19	22:00:00"	16.809	154.21	87.181	36.333	0.56641	26.226	0
"2012-06-19	23:00:00"	15.215	158.05	84.255	41.594	0.05766	26.261	0
"2012-06-20	00:00:00"	14.718	158.9	82.079	45.196	0.0443	26.27	0
"2012-06-20	01:00:00"	13.182	158.97	80.575	46.249	0.05405	26.261	0
"2012-06-20	02:00:00"	14.163	163.47	79.699	45.434	0.04049	26.258	0
"2012-06-20	03:00:00"	15.057	164.7	78.393	48.373	0.04791	26.24	0
"2012-06-20	04:00:00"	14.266	166.03	75.865	58.828	0.07313	26.249	0
"2012-06-20	05:00:00"	13.523	165.17	73.805	65.793	0.04049	26.255	0
"2012-06-20	06:00:00"	12.173	163.08	72.202	71.125	0.07229	26.258	0
"2012-06-20	07:00:00"	12.257	158.66	71.015	75.009	2.895	26.261	0
"2012-06-20	08:00:00"	12.673	160.58	71.126	75.447	89.605	26.267	0
"2012-06-20	09:00:00"	15.878	167.12	73.581	69.018	277.44	26.279	0
"2012-06-20	10:00:00"	17.031	174.5	76.8	60.77	487.23	26.294	0
"2012-06-20	11:00:00"	15.787	173.02	79.806	54.243	681.55	26.296	0
"2012-06-20	12:00:00"	12.898	170.42	83.156	47.053	839.06	26.311	0
"2012-06-20	13:00:00"	11.646	154.84	86.395	40.027	942.03	26.311	0
"2012-06-20	14:00:00"	10.635	168.49	89.88	32.587	997.88	26.305	0
"2012-06-20	15:00:00"	9.6611	162.12	92.43	27.168	979.06	26.296	0
"2012-06-20	16:00:00"	10.092	161.52	94.785	23.198	921.37	26.288	0
"2012-06-20	17:00:00"	10.873	168.06	96.491	21.677	801.32	26.279	0
"2012-06-20	18:00:00"	10.052	151.86	97.43	19.968	636.28	26.273	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-20	19:00:00"	12.053	141.97	97.121	19.872	440.35	26.27	0
"2012-06-20	20:00:00"	14.341	140.24	94.985	21.954	237.4	26.288	0
"2012-06-20	21:00:00"	13.865	134.65	91.186	26.25	61.142	26.308	0
"2012-06-20	22:00:00"	10.635	140.61	86.915	30.396	0.66201	26.341	0
"2012-06-20	23:00:00"	9.1484	147.66	83.708	34.48	0.05999	26.373	0
"2012-06-21	00:00:00"	10.79	154.74	81.376	38.869	0.0602	26.388	0
"2012-06-21	01:00:00"	7.8945	158.38	78.461	43.784	0.05935	26.394	0
"2012-06-21	02:00:00"	8.5364	158.31	76.698	46.934	0.04685	26.397	0
"2012-06-21	03:00:00"	6.7524	150.29	74.796	49.886	0.05066	26.412	0
"2012-06-21	04:00:00"	6.054	130.5	73.127	52.602	0.06677	26.426	0
"2012-06-21	05:00:00"	6.832	107.73	71.146	56.607	0.09094	26.438	0
"2012-06-21	06:00:00"	6.7381	103.85	68.748	63.322	0.08352	26.459	0
"2012-06-21	07:00:00"	6.6058	96.089	67.398	68.03	2.0766	26.462	0
"2012-06-21	08:00:00"	8.5687	128.55	68.88	69.119	88.379	26.474	0
"2012-06-21	09:00:00"	10.363	138.13	71.961	68.722	255.05	26.494	0
"2012-06-21	10:00:00"	9.4361	136.08	75.317	63.645	470.36	26.533	0
"2012-06-21	11:00:00"	6.8997	120.35	78.247	56.512	683.19	26.542	0
"2012-06-21	12:00:00"	7.3322	86.123	80.942	50.034	746.92	26.547	0
"2012-06-21	13:00:00"	11.11	85.073	84.463	41.999	895.02	26.539	0
"2012-06-21	14:00:00"	14.203	91.007	87.443	36.051	867.79	26.536	0
"2012-06-21	15:00:00"	14.255	99.712	88.521	33.99	794.18	26.518	0
"2012-06-21	16:00:00"	14.943	103.2	89.602	31.3	762.42	26.503	0
"2012-06-21	17:00:00"	13.121	108.6	90.569	29.644	730.86	26.491	0
"2012-06-21	18:00:00"	12.497	121.83	90.497	29.07	526.82	26.471	0
"2012-06-21	19:00:00"	10.519	123.95	90.35	28.248	415.74	26.468	0
"2012-06-21	20:00:00"	10.971	118.44	89.201	28.304	175.25	26.48	0
"2012-06-21	21:00:00"	12.261	120.41	87.366	30.747	68.921	26.497	0
"2012-06-21	22:00:00"	9.8493	113.89	81.941	41.346	1.0285	26.488	0
"2012-06-21	23:00:00"	9.6952	128.26	80.629	40.339	0.04473	26.497	0
"2012-06-22	00:00:00"	5.0928	84.717	76.591	48.404	0.07334	26.491	0
"2012-06-22	01:00:00"	6.0459	71.202	72.162	59.351	0.05935	26.503	0
"2012-06-22	02:00:00"	6.2696	74.6	71.107	61.767	0.05681	26.506	0
"2012-06-22	03:00:00"	5.898	67.493	68.362	71.655	0.06995	26.503	0
"2012-06-22	04:00:00"	5.844	69.292	67.497	76.461	0.0477	26.497	0
"2012-06-22	05:00:00"	5.7899	72.024	66.483	78.16	0.06317	26.497	0
"2012-06-22	06:00:00"	5.2804	66.706	64.803	81.551	0.08161	26.5	0
"2012-06-22	07:00:00"	5.5464	88.063	64.931	81.047	3.0358	26.5	0
"2012-06-22	08:00:00"	6.7754	143.76	68.419	71.084	91.578	26.515	0
"2012-06-22	09:00:00"	11.674	166.82	73.824	57.322	273.77	26.524	0
"2012-06-22	10:00:00"	12.573	175.1	78.337	48.193	478.54	26.53	0
"2012-06-22	11:00:00"	10.619	171.74	81.247	43.445	668.35	26.53	0
"2012-06-22	12:00:00"	10.196	168.83	83.888	39.769	825.78	26.515	0
"2012-06-22	13:00:00"	10.735	162.76	86.019	36.084	936.34	26.506	0
"2012-06-22	14:00:00"	10.535	151.05	88.168	32.427	989.35	26.488	0
"2012-06-22	15:00:00"	10.849	147.67	89.813	29.997	986.34	26.468	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-22	16:00:00"	10.037	142.05	90.642	28.395	873	26.45	0
"2012-06-22	17:00:00"	11.283	142.14	91.162	27.281	687.56	26.426	0
"2012-06-22	18:00:00"	12.114	141.11	91.372	26.549	534.23	26.412	0
"2012-06-22	19:00:00"	10.843	137.09	91.023	26.603	365.27	26.4	0
"2012-06-22	20:00:00"	11.479	142.53	90.514	26.927	244.47	26.403	0
"2012-06-22	21:00:00"	9.5032	151.61	87.782	29.84	52.356	26.409	0
"2012-06-22	22:00:00"	5.977	141.19	84.087	33.215	0.41845	26.415	0
"2012-06-22	23:00:00"	4.8734	145.65	80.434	37.38	0.05851	26.429	0
"2012-06-23	00:00:00"	4.9452	150.59	77.855	40.95	0.0725	26.429	0
"2012-06-23	01:00:00"	5.6655	161.72	76.374	42.576	0.0613	26.423	0
"2012-06-23	02:00:00"	4.4018	162.34	73.302	47.016	0.04897	26.418	0
"2012-06-23	03:00:00"	3.4542	163.44	71.143	50.457	0.06402	26.418	0
"2012-06-23	04:00:00"	2.8633	159.46	71.044	51.224	0.05257	26.412	0
"2012-06-23	05:00:00"	3.6102	154	69.241	54.438	0.05617	26.415	0
"2012-06-23	06:00:00"	4.4583	175.09	67.688	57.874	0.046	26.42	0
"2012-06-23	07:00:00"	4.651	173.8	66.841	60.186	3.3198	26.432	0
"2012-06-23	08:00:00"	5.3307	177.05	68.836	57.021	93.742	26.447	0
"2012-06-23	09:00:00"	10.361	190.39	75.167	45.275	279.31	26.462	0
"2012-06-23	10:00:00"	13.192	186.33	79.69	38.353	489.44	26.456	0
"2012-06-23	11:00:00"	13.602	190.94	82.162	35.302	683.67	26.453	0
"2012-06-23	12:00:00"	12.956	175.31	84.599	32.341	843.93	26.453	0
"2012-06-23	13:00:00"	12.755	162.73	86.799	28.85	958.08	26.453	0
"2012-06-23	14:00:00"	12.406	152.45	88.266	25.529	1009.8	26.438	0
"2012-06-23	15:00:00"	10.747	162.8	89.954	22.391	1001.7	26.429	0
"2012-06-23	16:00:00"	10.363	154.76	90.764	20.805	934.18	26.415	0
"2012-06-23	17:00:00"	10.133	159.02	91.544	19.46	814.25	26.403	0
"2012-06-23	18:00:00"	9.822	168.87	91.805	18.914	649.99	26.397	0
"2012-06-23	19:00:00"	8.7526	165.47	91.817	18.679	453.68	26.394	0
"2012-06-23	20:00:00"	9.2702	154.18	90.859	20.024	243.92	26.4	0
"2012-06-23	21:00:00"	8.3146	148.96	88.415	22.453	63.415	26.412	0
"2012-06-23	22:00:00"	4.0333	141.62	82.789	27.62	0.65926	26.429	0
"2012-06-23	23:00:00"	4.7324	136.28	80.176	31.419	0.05321	26.45	0
"2012-06-24	00:00:00"	4.8324	150.07	77.967	34.158	0.05766	26.459	0
"2012-06-24	01:00:00"	4.3981	154.34	75.192	37.7	0.06911	26.456	0
"2012-06-24	02:00:00"	4.4291	166.13	73.881	39.967	0.04536	0.26459	0
"2012-06-24	03:00:00"	2.0779	179.72	72.339	42.281	0.06381	26.456	0
"2012-06-24	04:00:00"	2.9347	156.18	71.228	44.305	0.05914	26.456	0
"2012-06-24	05:00:00"	4.0377	165.96	69.65	47.341	0.05257	26.468	0
"2012-06-24	06:00:00"	3.6543	130.73	68.629	50.625	0.07017	26.477	0
"2012-06-24	07:00:00"	3.7773	139.51	68.458	52.532	2.8876	26.494	0
"2012-06-24	08:00:00"	4.0029	167.26	70.402	50.475	88.737	26.512	0
"2012-06-24	09:00:00"	8.3773	187.49	75.575	42.833	273.37	26.524	0
"2012-06-24	10:00:00"	13.266	182.93	80.193	36.253	483.85	26.539	0
"2012-06-24	11:00:00"	11.218	178.15	83.974	31.246	680.98	26.536	0
"2012-06-24	12:00:00"	8.3792	155.54	85.979	28.745	842.65	26.527	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-24	13:00:00"	11.01	135.37	87.923	26.231	957.05	26.518	0
"2012-06-24	14:00:00"	11.717	144.28	89.619	23.524	1013.4	26.503	0
"2012-06-24	15:00:00"	11.026	141.19	91.017	21.344	1005.9	26.494	0
"2012-06-24	16:00:00"	10.336	145.13	92.215	19.699	940.08	26.477	0
"2012-06-24	17:00:00"	10.561	133.38	92.982	19.558	819.8	26.471	0
"2012-06-24	18:00:00"	9.9693	142.1	93.409	18.344	655.64	26.456	0
"2012-06-24	19:00:00"	9.7332	145.81	93.349	18.691	459.43	26.45	0
"2012-06-24	20:00:00"	9.932	136.64	92.457	19.717	249.78	26.453	0
"2012-06-24	21:00:00"	8.7483	138.47	90.048	21.755	64.177	26.459	0
"2012-06-24	22:00:00"	4.7261	127.35	84.689	26.617	0.46084	26.471	0
"2012-06-24	23:00:00"	5.3046	120.31	81.928	29.424	0.05893	26.494	0
"2012-06-25	00:00:00"	5.4718	132.58	80.308	31.696	0.05342	26.5	0
"2012-06-25	01:00:00"	4.6876	142.5	77.986	35.022	0.06805	26.497	0
"2012-06-25	02:00:00"	4.5149	139.71	76.274	37.732	0.0814	26.5	0
"2012-06-25	03:00:00"	3.7736	164.75	74.64	40.448	0.06974	26.497	0
"2012-06-25	04:00:00"	2.7713	159.27	72.894	43.456	0.05872	26.497	0
"2012-06-25	05:00:00"	2.4401	114.58	71.704	46.271	0.04833	26.497	0
"2012-06-25	06:00:00"	1.8964	107.86	70.592	48.411	0.07631	26.503	0
"2012-06-25	07:00:00"	3.187	86.115	69.915	49.393	3.0733	26.518	0
"2012-06-25	08:00:00"	2.1021	87.472	71.277	48.347	88.653	26.533	0
"2012-06-25	09:00:00"	2.4606	171.33	79.247	37.98	271.62	26.539	0
"2012-06-25	10:00:00"	5.4612	207.4	82.931	34.31	481.26	26.545	0
"2012-06-25	11:00:00"	4.659	189.64	86.06	30.714	677.69	26.536	0
"2012-06-25	12:00:00"	6.0633	138.94	88.288	27.28	836.67	26.524	0
"2012-06-25	13:00:00"	7.7808	122.24	90.037	25.285	950.95	26.512	0
"2012-06-25	14:00:00"	7.6155	143.21	92.506	22.643	1002	26.488	0
"2012-06-25	15:00:00"	9.0347	134.4	95.151	18.674	998.92	26.468	0
"2012-06-25	16:00:00"	9.5231	135.99	97.139	15.85	932.87	26.456	0
"2012-06-25	17:00:00"	7.5472	118.98	97.744	13.76	811.82	26.438	0
"2012-06-25	18:00:00"	8.7017	120.82	98.035	13.849	644.64	26.426	0
"2012-06-25	19:00:00"	8.816	119.06	97.805	13.846	447.1	26.415	0
"2012-06-25	20:00:00"	7.0613	111.61	96.908	14.513	241.96	26.412	0
"2012-06-25	21:00:00"	5.2282	130.07	94.119	16.009	62.426	26.418	0
"2012-06-25	22:00:00"	4.5472	119.36	88.04	19.196	0.68363	26.418	0
"2012-06-25	23:00:00"	5.1126	95.028	83.989	22.115	0.05172	26.432	0
"2012-06-26	00:00:00"	5.3929	101.08	82.49	23.468	0.05511	26.435	0
"2012-06-26	01:00:00"	5.3264	104.94	81.095	23.967	0.06105	26.432	0
"2012-06-26	02:00:00"	5.7483	96.743	78.196	26.583	0.05215	26.426	0
"2012-06-26	03:00:00"	5.9409	138.8	77.738	27.499	0.06084	26.432	0
"2012-06-26	04:00:00"	1.4192	277.85	73.433	31.67	0.04367	26.423	0
"2012-06-26	05:00:00"	1.2235	174.63	74.356	33.141	0.04791	26.426	0
"2012-06-26	06:00:00"	2.8776	57.886	72.502	36.701	0.06084	26.432	0
"2012-06-26	07:00:00"	3.86	42.427	70.482	40.148	2.8238	26.435	0
"2012-06-26	08:00:00"	2.6427	31.134	72.445	39.763	90.787	26.441	0
"2012-06-26	09:00:00"	3.9575	168.42	80.403	34.293	275.54	26.456	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-26	10:00:00"	6.1777	215.83	85.581	29.876	485.74	26.462	0
"2012-06-26	11:00:00"	8.1723	208.58	90.034	27.107	679.51	26.459	0
"2012-06-26	12:00:00"	5.9664	177.38	92.67	23.142	835.3	26.45	0
"2012-06-26	13:00:00"	6.9264	171.47	95.091	18.604	945.67	26.432	0
"2012-06-26	14:00:00"	8.8968	188.24	97.893	15.131	999.9	26.412	0
"2012-06-26	15:00:00"	9.1441	183.42	99.115	13.557	995.28	26.391	0
"2012-06-26	16:00:00"	9.3902	160.21	99.933	12.395	929.36	26.379	0
"2012-06-26	17:00:00"	9.7294	151.53	100.96	11.494	806.72	26.364	0
"2012-06-26	18:00:00"	10.478	136.82	101.04	10.951	620.33	26.353	0
"2012-06-26	19:00:00"	10.122	162.71	100.79	11.321	453.75	26.347	0
"2012-06-26	20:00:00"	9.2957	159.34	99.278	12.756	210.69	26.344	0
"2012-06-26	21:00:00"	7.2744	140.75	96.713	14.247	65.587	26.353	0
"2012-06-26	22:00:00"	5.0201	121.75	90.225	17.339	0.78454	26.364	0
"2012-06-26	23:00:00"	4.692	134.92	87.179	19.552	0.04515	26.376	0
"2012-06-27	00:00:00"	5.1847	134.24	85.062	21.073	0.05533	26.388	0
"2012-06-27	01:00:00"	4.6739	146.22	83.951	22.016	0.05278	26.388	0
"2012-06-27	02:00:00"	5.9589	128.96	81.917	23.903	0.06402	26.397	0
"2012-06-27	03:00:00"	6.0863	132.69	81.835	25.68	0.06063	26.391	0
"2012-06-27	04:00:00"	5.0424	138.85	80.012	28.845	0.05596	26.382	0
"2012-06-27	05:00:00"	6.6338	155.1	77.729	31.609	0.06063	26.379	0
"2012-06-27	06:00:00"	6.5673	181.57	77.578	32.103	0.0477	26.4	0
"2012-06-27	07:00:00"	4.0594	215.96	74.84	35.598	2.0094	26.415	0
"2012-06-27	08:00:00"	3.3902	287.47	74.705	36.914	74.447	26.432	0
"2012-06-27	09:00:00"	2.1611	281.34	80.091	31.338	252.98	26.456	0
"2012-06-27	10:00:00"	5.3071	201.48	86.104	26.625	457.2	26.459	0
"2012-06-27	11:00:00"	6.6195	215.5	91.498	22.147	647.95	26.456	0
"2012-06-27	12:00:00"	6.7823	216.41	94.707	19.953	813.46	26.459	0
"2012-06-27	13:00:00"	6.4927	191.61	96.698	18.35	928.53	26.456	0
"2012-06-27	14:00:00"	7.7174	146.29	98.22	16.471	982.1	26.441	0
"2012-06-27	15:00:00"	8.8396	164.38	99.52	15.403	981.73	26.426	0
"2012-06-27	16:00:00"	7.5832	127.77	100.56	14.316	810.87	26.415	0
"2012-06-27	17:00:00"	7.5397	100.16	100.12	14.343	589.08	26.403	0
"2012-06-27	18:00:00"	10.079	106.84	100.85	14.334	614.36	26.394	0
"2012-06-27	19:00:00"	8.7315	137.79	99.684	14.989	307.43	26.388	0
"2012-06-27	20:00:00"	10.004	140.72	98.872	14.467	210.77	26.394	0
"2012-06-27	21:00:00"	7.7385	141.69	95.584	15.899	36.98	26.406	0
"2012-06-27	22:00:00"	5.5551	126.26	90.231	19.192	0.52995	26.418	0
"2012-06-27	23:00:00"	6.6555	128.79	87.637	20.723	0.05511	26.441	0
"2012-06-28	00:00:00"	5.4121	137.3	85.15	22.341	0.05745	26.45	0
"2012-06-28	01:00:00"	5.7769	140.7	82.838	25.104	0.06444	26.456	0
"2012-06-28	02:00:00"	7.2346	167.64	80.952	28.714	0.06169	26.459	0
"2012-06-28	03:00:00"	6.169	180.62	79.3	32.003	0.07144	26.459	0
"2012-06-28	04:00:00"	4.6323	198.79	76.437	35.701	0.06741	26.465	0
"2012-06-28	05:00:00"	3.8811	190.38	73.873	39.131	0.05024	26.462	0
"2012-06-28	06:00:00"	5.5911	179.56	74.071	40.252	0.0708	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-28	07:00:00"	4.2862	175.78	72.585	43.579	2.34	26.488	0
"2012-06-28	08:00:00"	6.2734	171.28	74.091	44.526	77.259	26.503	0
"2012-06-28	09:00:00"	12.435	171.35	79.256	40.87	252.21	26.521	0
"2012-06-28	10:00:00"	13.477	181.94	84.073	35.351	457.08	26.53	0
"2012-06-28	11:00:00"	12.037	197.6	87.988	30.944	649.26	26.533	0
"2012-06-28	12:00:00"	10.482	195.82	91.655	26.634	811.08	26.533	0
"2012-06-28	13:00:00"	9.1366	196.77	94.987	22.556	917.61	26.524	0
"2012-06-28	14:00:00"	9.095	144.09	96.294	19.489	982.76	26.506	0
"2012-06-28	15:00:00"	8.1611	164.45	96.775	18.536	776.69	26.497	0
"2012-06-28	16:00:00"	8.4183	165.37	97.392	18.386	806.82	26.477	0
"2012-06-28	17:00:00"	9.2491	134.6	97.988	17.934	721.58	26.468	0
"2012-06-28	18:00:00"	9.1982	140.04	97.905	17.519	611.15	26.456	0
"2012-06-28	19:00:00"	8.8732	140.58	97.014	17.755	398.15	26.441	0
"2012-06-28	20:00:00"	9.7791	136.81	96.065	18.121	219.56	26.447	0
"2012-06-28	21:00:00"	8.8297	140.39	93.412	19.848	53.111	26.453	0
"2012-06-28	22:00:00"	6.059	141.96	88.85	22.645	0.46678	26.462	0
"2012-06-28	23:00:00"	5.2798	146.47	85.141	26.155	0.07123	26.483	0
"2012-06-29	00:00:00"	5.1742	161.64	81.57	29.864	0.05639	26.488	0
"2012-06-29	01:00:00"	6.0155	177.11	80.967	31.46	0.05596	26.491	0
"2012-06-29	02:00:00"	5.291	169.4	78.328	34.832	0.05215	26.483	0
"2012-06-29	03:00:00"	3.7655	188.31	74.927	39.15	0.06911	26.477	0
"2012-06-29	04:00:00"	4.275	173	73.137	42.202	0.06147	26.471	0
"2012-06-29	05:00:00"	3.8631	184.47	72.336	43.936	0.04939	26.468	0
"2012-06-29	06:00:00"	4.6298	178.19	71.476	44.504	0.05109	26.471	0
"2012-06-29	07:00:00"	3.4343	193.47	69.841	46.689	2.5469	26.48	0
"2012-06-29	08:00:00"	3.8264	224.91	70.713	46.949	79.505	26.497	0
"2012-06-29	09:00:00"	8.7483	191.24	75.423	43.544	248.13	26.5	0
"2012-06-29	10:00:00"	12.918	186.97	80.809	38.474	454.91	26.491	0
"2012-06-29	11:00:00"	12.345	191.47	85.024	32.868	650.99	26.483	0
"2012-06-29	12:00:00"	12.341	190.67	89.451	26.96	813.81	26.488	0
"2012-06-29	13:00:00"	10.409	187.02	92.966	22.718	924.28	26.471	0
"2012-06-29	14:00:00"	9.5337	166.26	95.127	20.07	975.33	26.456	0
"2012-06-29	15:00:00"	7.7951	163.53	96.105	18.912	970.86	26.432	0
"2012-06-29	16:00:00"	8.6731	155.14	96.48	18.941	902.84	26.409	0
"2012-06-29	17:00:00"	8.3984	146.61	97.13	18.567	782.76	26.382	0
"2012-06-29	18:00:00"	7.6733	138.84	97.734	17.706	614.75	26.364	0
"2012-06-29	19:00:00"	6.594	118.79	97.857	16.784	424.29	26.353	0
"2012-06-29	20:00:00"	10.197	127.13	96.384	17.411	221.99	26.356	0
"2012-06-29	21:00:00"	8.6122	132.52	93.545	18.089	55.64	26.364	0
"2012-06-29	22:00:00"	6.0478	131.28	88.243	20.239	0.50875	26.373	0
"2012-06-29	23:00:00"	6.9239	143.17	85.445	22.668	0.05554	26.385	0
"2012-06-30	00:00:00"	5.862	162.09	82.842	25.801	0.06359	26.394	0
"2012-06-30	01:00:00"	5.5824	174.82	79.724	29.818	0.05787	26.397	0
"2012-06-30	02:00:00"	5.9794	173.7	79.127	32.619	0.04727	26.382	0
"2012-06-30	03:00:00"	4.454	162.86	77.317	35.219	0.05872	26.415	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-06-30	04:00:00"	5.0157	101.81	77.003	36.318	0.09645	26.397	0
"2012-06-30	05:00:00"	6.8444	166.24	76.838	37.134	0.05745	26.4	0
"2012-06-30	06:00:00"	8.1393	184.46	76.548	37.361	0.06084	26.382	0
"2012-06-30	07:00:00"	9.3498	189.51	75.498	38.441	3.0133	26.382	0
"2012-06-30	08:00:00"	8.0175	179.71	73.972	45.654	76.632	26.397	0
"2012-06-30	09:00:00"	9.4504	176.59	75.888	53.327	245.82	26.412	0
"2012-06-30	10:00:00"	9.8139	192.43	80.284	46.136	449.5	26.418	0
"2012-06-30	11:00:00"	11.718	189.53	85.049	34.548	651.91	26.418	0
"2012-06-30	12:00:00"	12.372	183.17	87.936	27.864	761.38	26.418	0
"2012-06-30	13:00:00"	10.898	173.55	90.314	25.054	917.58	26.415	0
"2012-06-30	14:00:00"	9.6909	156.06	92.565	23.542	975.02	26.397	0
"2012-06-30	15:00:00"	11.961	142.08	93.834	22.115	970.94	26.379	0
"2012-06-30	16:00:00"	11.51	136.69	94.18	22.476	883.73	26.361	0
"2012-06-30	17:00:00"	10.537	120.86	94.633	22.451	787.75	26.338	0
"2012-06-30	18:00:00"	10.829	108.94	94.941	19.554	616.78	26.335	0
"2012-06-30	19:00:00"	10.023	119.03	94.685	19.454	432.68	26.326	0
"2012-06-30	20:00:00"	9.6542	123.29	93.703	20.09	229.63	26.332	0
"2012-06-30	21:00:00"	9.1124	112.71	91.289	20.924	57.984	26.35	0
"2012-06-30	22:00:00"	5.4072	96.979	86.101	22.986	0.42438	26.367	0
"2012-06-30	23:00:00"	5.1841	84.955	81.003	27.724	0.05723	26.385	0
"2012-07-01	00:00:00"	5.9645	93.989	79.445	31.306	0.05639	26.397	0
"2012-07-01	01:00:00"	6.9096	110.14	79.247	34.538	0.05533	26.379	0
"2012-07-01	02:00:00"	7.8976	118.33	78.817	37.972	0.04621	26.379	0
"2012-07-01	03:00:00"	8.46	150.54	77.455	43.897	0.03625	26.379	0
"2012-07-01	04:00:00"	8.181	171.62	75.957	58.367	0.06211	26.376	0
"2012-07-01	05:00:00"	8.8794	156.95	73.811	64.252	0.05999	26.385	0
"2012-07-01	06:00:00"	7.0942	164.56	71.924	68.558	0.08882	26.418	0
"2012-07-01	07:00:00"	4.769	163.13	70.041	72.157	2.3244	26.441	0
"2012-07-01	08:00:00"	5.5457	150.01	70.161	73.534	79.861	26.453	0
"2012-07-01	09:00:00"	7.7591	168.88	72.991	68.069	255.28	26.483	0
"2012-07-01	10:00:00"	8.1487	173.99	75.713	60.621	462.96	26.485	0
"2012-07-01	11:00:00"	9.0291	171.86	79.116	51.867	659.04	26.474	0
"2012-07-01	12:00:00"	9.4535	173.45	82.333	43.147	822.8	26.465	0
"2012-07-01	13:00:00"	7.979	147.6	84.851	37.922	879.83	26.459	0
"2012-07-01	14:00:00"	8.8042	113.95	86.988	32.648	796.51	26.453	0
"2012-07-01	15:00:00"	9.4815	101.24	88.529	27.429	856.57	26.432	0
"2012-07-01	16:00:00"	10.545	113	90.318	24.022	897.52	26.415	0
"2012-07-01	17:00:00"	10.354	147.82	90.495	24.229	781.64	26.4	0
"2012-07-01	18:00:00"	12.699	151.52	89.809	27.669	635.02	26.391	0
"2012-07-01	19:00:00"	10.571	140.87	89.191	26.976	457.78	26.379	0
"2012-07-01	20:00:00"	11.657	139.97	87.982	27.953	243.34	26.382	0
"2012-07-01	21:00:00"	10.195	140.1	85.425	32.246	61.799	26.4	0
"2012-07-01	22:00:00"	8.5799	139.27	82.51	36.997	0.46275	26.418	0
"2012-07-01	23:00:00"	5.5774	129.09	79.782	40.113	0.05511	26.441	0
"2012-07-02	00:00:00"	8.0362	148.86	78.36	42.565	0.05299	26.468	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-02	01:00:00"	6.9693	156.84	76.548	48.649	0.06041	26.477	0
"2012-07-02	02:00:00"	7.669	146.39	75.342	49.895	0.05469	26.468	0
"2012-07-02	03:00:00"	8.2735	160.89	74.533	54.588	0.05787	26.462	0
"2012-07-02	04:00:00"	5.8347	171.93	72.412	59.333	0.07228	26.444	0
"2012-07-02	05:00:00"	4.8778	162.33	70.206	64.457	0.07123	26.447	0
"2012-07-02	06:00:00"	5.4065	161.91	68.876	69.89	0.046	26.462	0
"2012-07-02	07:00:00"	5.7937	167.32	67.799	74.631	1.8996	26.465	0
"2012-07-02	08:00:00"	6.4163	160.82	68.197	75.722	62.5	26.491	0
"2012-07-02	09:00:00"	9.5051	155.48	70.204	73.186	147.09	26.506	0
"2012-07-02	10:00:00"	11.15	162.69	72.016	67.985	235.24	26.515	0
"2012-07-02	11:00:00"	10.357	153.01	74.308	62.256	424.6	26.506	0
"2012-07-02	12:00:00"	10.096	159.31	77.291	55.666	656.89	26.497	0
"2012-07-02	13:00:00"	11.025	165.37	80.036	48.863	749.42	26.494	0
"2012-07-02	14:00:00"	10.332	167.21	82.188	44.029	594.71	26.483	0
"2012-07-02	15:00:00"	11.456	165.28	84.697	38.569	833.05	26.462	0
"2012-07-02	16:00:00"	11.996	150.88	86.918	34.471	837.08	26.444	0
"2012-07-02	17:00:00"	10.762	148.8	87.022	35.15	642.52	26.426	0
"2012-07-02	18:00:00"	12.752	149.95	87.602	34.943	622.23	26.412	0
"2012-07-02	19:00:00"	14.413	149.61	86.769	37.467	448.89	26.4	0
"2012-07-02	20:00:00"	12.593	143.87	85.725	37.976	222.85	26.397	0
"2012-07-02	21:00:00"	12.204	144.15	84.529	38.362	56.31	26.406	0
"2012-07-02	22:00:00"	8.4047	147.87	82.527	40.253	0.60541	26.426	0
"2012-07-02	23:00:00"	9.3883	149.64	81.337	43.095	0.07462	26.45	0
"2012-07-03	00:00:00"	14.83	170.15	80.08	47.146	0.07419	26.456	0
"2012-07-03	00:00:00"	14.987	163	78.98	49.1	0	26.456	0
"2012-07-03	01:00:00"	11.012	161.32	78.198	50.049	0.05384	26.453	0
"2012-07-03	02:00:00"	8.6203	157.84	77.147	51.823	0.05193	26.453	0
"2012-07-03	03:00:00"	6.4747	153.41	75.756	54.2	0.05469	0	0
"2012-07-03	04:00:00"	5.3639	135.4	74.171	57.746	0.05257	26.444	0
"2012-07-03	05:00:00"	6.6275	138.64	73.279	58.151	0.04388	26.45	0
"2012-07-03	06:00:00"	9.4796	151.93	74.304	56.4	0.05554	26.45	0
"2012-07-03	07:00:00"	9.5126	149.58	73.021	63.823	1.6543	26.453	0
"2012-07-03	08:00:00"	11.052	160.38	73.026	69.162	43.378	26.468	0
"2012-07-03	09:00:00"	11.94	154.81	73.063	71.973	120.53	26.471	0
"2012-07-03	10:00:00"	13.113	162.62	73.679	72.652	259.53	26.468	0
"2012-07-03	11:00:00"	13.904	171.01	78.427	60.306	646.09	26.456	0
"2012-07-03	12:00:00"	12.649	179.45	82.273	50.968	798.76	26.456	0
"2012-07-03	13:00:00"	10.962	178.92	85.457	43.36	864.52	26.444	0
"2012-07-03	14:00:00"	10.684	169.89	88.062	38.395	964.03	26.429	0
"2012-07-03	15:00:00"	10.338	160.99	90.018	35.029	887.52	26.412	0
"2012-07-03	16:00:00"	10.492	161.22	90.947	33.22	648.06	26.388	0
"2012-07-03	17:00:00"	11.464	156.63	91.953	31.243	702.34	26.367	0
"2012-07-03	18:00:00"	15.192	165.43	90.051	34.297	269.38	26.356	0
"2012-07-03	19:00:00"	14.554	181.96	85.897	41.349	152.81	26.35	0
"2012-07-03	20:00:00"	14.143	193.74	85.206	41.515	48.643	26.37	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-03	21:00:00"	15.139	188.79	83.587	43.572	5.202	26.373	0
"2012-07-03	22:00:00"	10.191	184.27	81.541	46.188	0.07949	26.376	0
"2012-07-03	23:00:00"	5.3966	203.59	78.969	51.443	0.05363	26.4	0
"2012-07-04	00:00:00"	4.9399	168.47	76.582	54.338	0.06317	26.418	0
"2012-07-04	01:00:00"	4.7796	173.97	75.404	56.949	0.05511	26.423	0
"2012-07-04	02:00:00"	7.3639	163.64	75.973	56.232	0.06741	26.429	0
"2012-07-04	03:00:00"	6.2156	178.92	76.112	55.823	0.07101	26.423	0
"2012-07-04	04:00:00"	4.6329	175.68	75.026	58.262	0.06147	26.415	0
"2012-07-04	05:00:00"	4.1476	181.67	74.681	58.416	0.06571	26.415	0
"2012-07-04	06:00:00"	7.6018	174.35	74.656	56.879	0.06741	26.418	0
"2012-07-04	07:00:00"	8.7178	167.23	74.374	56.577	2.8827	26.423	0
"2012-07-04	08:00:00"	10.824	163.33	75.191	54.708	70.218	26.438	0
"2012-07-04	09:00:00"	13.254	173.04	76.992	52.419	250.74	26.447	0
"2012-07-04	10:00:00"	14.809	174.76	80.051	48.985	472.5	26.45	0
"2012-07-04	11:00:00"	14.193	182.96	82.737	45.807	694.59	26.447	0
"2012-07-04	12:00:00"	13.565	190.37	84.288	43.662	751.44	26.444	0
"2012-07-04	13:00:00"	12.391	181	86.718	39.401	911.26	26.435	0
"2012-07-04	14:00:00"	12.449	192.85	88.94	35.243	973.81	26.42	0
"2012-07-04	15:00:00"	11.261	166.63	91.1	31.07	897.07	26.397	0
"2012-07-04	16:00:00"	12.413	175.65	92.695	28.95	874.09	26.388	0
"2012-07-04	17:00:00"	13.264	171.58	93.026	28.166	667.58	26.367	0
"2012-07-04	18:00:00"	14.569	181.49	93.73	28.12	699.66	26.353	0
"2012-07-04	19:00:00"	20.169	179.58	89.169	35.515	267.65	26.361	0
"2012-07-04	20:00:00"	19.584	161.4	75.381	66.189	63.337	26.42	0.06
"2012-07-04	21:00:00"	7.0992	186.5	73.123	72.247	1.1918	26.397	0.02
"2012-07-04	22:00:00"	9.1161	187.54	75.62	57.121	0.07843	26.412	0
"2012-07-04	23:00:00"	7.4502	156.99	72.938	68.901	0.06953	26.423	0
"2012-07-05	00:00:00"	8.3494	160.37	71.808	67.094	0.04727	26.45	0
"2012-07-05	01:00:00"	4.5957	119.16	69.95	69.334	0.07907	26.441	0
"2012-07-05	02:00:00"	4.541	129.38	69.431	65.279	0.06656	26.435	0
"2012-07-05	03:00:00"	4.7087	148.59	68.162	66.926	0.07334	26.435	0
"2012-07-05	04:00:00"	5.8303	161.54	67.133	69.303	0.07229	26.438	0
"2012-07-05	05:00:00"	5.2953	174.28	66.166	70.621	0.06762	26.441	0
"2012-07-05	06:00:00"	5.4457	173.1	65.763	70.482	0.07631	26.438	0
"2012-07-05	07:00:00"	6.5909	170.59	66.406	72.913	1.8251	26.453	0
"2012-07-05	08:00:00"	9.4597	172.52	68.364	72.262	78.435	26.468	0
"2012-07-05	09:00:00"	14.93	177.08	72.193	66.173	253.16	26.477	0
"2012-07-05	10:00:00"	14.815	190.67	75.939	57.522	456.11	26.48	0
"2012-07-05	11:00:00"	13.04	195.33	79.489	51.06	646.2	26.474	0
"2012-07-05	12:00:00"	10.392	200.15	82.568	44.105	728.54	26.48	0
"2012-07-05	13:00:00"	11.131	186.3	85.906	38.632	936.82	26.48	0
"2012-07-05	14:00:00"	12.691	183.69	86.622	38.025	698.07	26.468	0
"2012-07-05	15:00:00"	13.434	157.38	88.494	34.406	948.94	26.444	0
"2012-07-05	16:00:00"	13.597	157.47	89.532	31.515	725.61	26.435	0
"2012-07-05	17:00:00"	18.983	163.29	87.695	34.713	682.07	26.429	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-05	18:00:00"	17.027	159.92	86.54	34.894	526.9	26.435	0
"2012-07-05	19:00:00"	17.087	162.98	84.396	38.173	282.56	26.453	0
"2012-07-05	20:00:00"	17.177	158.76	81.402	38.245	98.889	26.459	0
"2012-07-05	21:00:00"	15.664	172.84	78.438	45.594	50.524	26.477	0
"2012-07-05	22:00:00"	10.272	191.71	75.346	52.759	0.32369	26.483	0
"2012-07-05	23:00:00"	6.0279	197.45	73.223	57.061	0.06275	26.5	0
"2012-07-06	00:00:00"	6.5803	180.79	71.182	57.688	0.06508	26.509	0
"2012-07-06	01:00:00"	3.4505	180.86	68.744	62.321	0.05215	26.503	0
"2012-07-06	02:00:00"	3.7382	182.04	67.505	64.589	0.06995	26.5	0
"2012-07-06	03:00:00"	3.2759	137.48	66.929	66.225	0.06126	26.5	0
"2012-07-06	04:00:00"	2.5818	144.47	66.403	68.621	0.05215	26.5	0
"2012-07-06	05:00:00"	4.0315	145.53	66.704	70.613	0.07271	26.5	0
"2012-07-06	06:00:00"	4.6578	137.64	67.396	70.748	0.0496	26.506	0
"2012-07-06	07:00:00"	6.0006	107.47	66.489	72.902	1.5214	26.512	0
"2012-07-06	08:00:00"	7.4061	113.4	67.58	72.56	28.213	26.524	0
"2012-07-06	09:00:00"	10.863	148.31	71.828	66.676	319.38	26.536	0
"2012-07-06	10:00:00"	13.662	172.04	76.942	56.731	521.31	26.539	0
"2012-07-06	11:00:00"	12.03	181.23	80.036	50.097	543.66	26.542	0
"2012-07-06	12:00:00"	11.905	188.66	83.487	42.515	741.37	26.539	0
"2012-07-06	13:00:00"	12.009	182.83	85.319	37.596	747.27	26.53	0
"2012-07-06	14:00:00"	11.502	172.62	87.156	33.534	770.02	26.515	0
"2012-07-06	15:00:00"	12.993	159.44	88.12	31.377	674.48	26.497	0
"2012-07-06	16:00:00"	13.837	155.3	89.158	29.4	745.05	26.485	0
"2012-07-06	17:00:00"	13.912	151.33	90.077	27.276	636.56	26.48	0
"2012-07-06	18:00:00"	13.344	158.84	89.034	28.521	351.78	26.474	0
"2012-07-06	19:00:00"	12.503	163	89.334	26.137	258.69	26.48	0
"2012-07-06	20:00:00"	10.189	303.44	81.818	43.391	127.39	26.497	0
"2012-07-06	21:00:00"	6.9258	295.98	78.503	51.275	21.018	26.509	0
"2012-07-06	22:00:00"	3.9675	314.59	76.08	56.03	0.33768	26.524	0
"2012-07-06	23:00:00"	3.2094	306.24	74.256	59.492	0.07462	26.536	0
"2012-07-07	00:00:00"	2.8751	351.91	71.465	64.169	0.05575	26.542	0
"2012-07-07	01:00:00"	2.063	351.67	71.195	63.16	0.06296	26.545	0
"2012-07-07	02:00:00"	2.424	355.98	69.216	66.619	0.06953	26.547	0
"2012-07-07	03:00:00"	5.542	42.895	67.261	76.081	0.05723	26.542	0
"2012-07-07	04:00:00"	5.1021	63.476	65.854	83.861	0.05787	26.545	0
"2012-07-07	05:00:00"	6.1056	51.016	65.036	84.469	0.04367	26.553	0
"2012-07-07	06:00:00"	5.2779	48.8	65.304	81.201	0.08288	26.553	0
"2012-07-07	07:00:00"	5.8713	33.512	64.552	82.563	1.3955	26.568	0
"2012-07-07	08:00:00"	4.5876	39.082	66.65	76.541	74.712	26.586	0
"2012-07-07	09:00:00"	3.768	61.874	74.758	56.195	250.93	26.598	0
"2012-07-07	10:00:00"	4.2085	173.95	80.108	40.829	455.4	26.615	0
"2012-07-07	11:00:00"	4.774	174.06	82.536	36.464	648.54	26.615	0
"2012-07-07	12:00:00"	4.2651	173.93	85.239	31.747	807.5	26.609	0
"2012-07-07	13:00:00"	5.8887	118.03	86.976	29.168	822.89	26.601	0
"2012-07-07	14:00:00"	8.381	102.43	89.07	27.873	943.88	26.583	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-07	15:00:00"	7.6739	98.965	89.495	26.108	590.86	26.559	0
"2012-07-07	16:00:00"	8.1387	129.83	91.073	24.125	733.19	26.542	0
"2012-07-07	17:00:00"	7.5851	114.81	92.085	22.23	683.78	26.518	0
"2012-07-07	18:00:00"	7.0376	99.526	91.908	21.769	358.06	26.5	0
"2012-07-07	19:00:00"	5.7738	78.076	92.696	20.8	449.77	26.483	0
"2012-07-07	20:00:00"	7.2079	109.09	91.873	21.895	189.36	26.485	0
"2012-07-07	21:00:00"	5.4525	131.42	90.334	23.651	64.013	26.494	0
"2012-07-07	22:00:00"	5.3233	128.9	85.642	29.128	0.42968	26.512	0
"2012-07-07	23:00:00"	6.2734	161.84	82.693	35.644	0.05999	26.533	0
"2012-07-08	00:00:00"	3.617	179.15	78.565	42.359	0.06762	26.542	0
"2012-07-08	01:00:00"	1.8416	249.18	76.885	45.781	0.06934	26.547	0
"2012-07-08	02:00:00"	1.4062	216.07	76.057	47.64	0.039	26.539	0
"2012-07-08	03:00:00"	1.4894	238.52	74.587	49.963	0.05342	26.6429	0
"2012-07-08	04:00:00"	1.6481	283.63	73.928	51.769	0.07356	26.53	0
"2012-07-08	05:00:00"	1.2167	327.38	72.848	52.651	0.06571	26.533	0
"2012-07-08	06:00:00"	1.1073	359.77	72.091	54.466	0.06275	26.536	0
"2012-07-08	07:00:00"	0.97618	37.794	70.88	57.374	1.3925	26.553	0
"2012-07-08	08:00:00"	2.0288	99.62	71.663	56.564	68.95	26.559	0
"2012-07-08	09:00:00"	2.7048	202.01	77.398	47.628	238.49	26.574	0
"2012-07-08	10:00:00"	4.8119	223.21	82.396	38.493	443.5	26.571	0
"2012-07-08	11:00:00"	4.6522	251.92	85.817	33.435	634.28	26.571	0
"2012-07-08	12:00:00"	4.7087	310	89.059	28.561	767.99	26.565	0
"2012-07-08	13:00:00"	3.9358	27.06	89.642	26.963	306.12	26.556	0
"2012-07-08	14:00:00"	5.9652	160.23	90.73	25.946	316.84	26.539	0
"2012-07-08	15:00:00"	10.256	168.99	90.696	26.351	580.25	26.527	0
"2012-07-08	16:00:00"	14.356	134.54	90.528	26.776	938.54	26.506	0
"2012-07-08	17:00:00"	8.0797	148.29	92.742	23.368	807.87	26.485	0
"2012-07-08	18:00:00"	5.1953	167.46	93.501	22.412	528.63	26.474	0
"2012-07-08	19:00:00"	4.6429	156.02	92.788	23.629	329.07	26.456	0
"2012-07-08	20:00:00"	7.39	110.55	91.315	24.831	79.2	26.474	0
"2012-07-08	21:00:00"	6.8674	279.6	85.518	35.832	68.777	26.491	0
"2012-07-08	22:00:00"	7.687	50.794	83.353	38.312	1.1661	26.512	0
"2012-07-08	23:00:00"	11.45	110.06	80.61	43.817	0.05342	26.533	0
"2012-07-09	00:00:00"	7.8554	112.41	78.223	49.264	0.05533	26.533	0
"2012-07-09	01:00:00"	4.2545	86.636	76.32	52.864	0.05299	26.53	0
"2012-07-09	02:00:00"	8.1418	74.761	74.905	56.952	0.04706	26.553	0
"2012-07-09	03:00:00"	9.6107	70.944	73.388	63.322	0.06084	26.547	0
"2012-07-09	04:00:00"	10.261	85.27	71.342	70.865	0.04218	26.547	0
"2012-07-09	05:00:00"	6.2336	74.69	69.546	74.639	0.06126	26.539	0
"2012-07-09	06:00:00"	4.8386	50.208	68.064	77.722	0.06275	26.536	0
"2012-07-09	07:00:00"	7.769	4.8669	67.397	80.727	0.82333	26.559	0
"2012-07-09	08:00:00"	9.1068	353.89	68.81	76.077	20.668	26.577	0
"2012-07-09	09:00:00"	10.391	25.006	71.468	64.107	80.638	26.589	0
"2012-07-09	10:00:00"	13.131	39.599	72.915	59.358	176.83	26.601	0
"2012-07-09	11:00:00"	14.285	50.307	77.619	51.56	647.37	26.598	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-09	12:00:00"	12.39	58.133	80.159	46.219	477.57	26.592	0
"2012-07-09	13:00:00"	11.328	74.862	80.971	45.524	547.99	26.583	0
"2012-07-09	14:00:00"	7.8088	77.395	83.862	36.46	714.7	26.565	0
"2012-07-09	15:00:00"	7.613	76.605	84.876	35.792	720.39	26.55	0
"2012-07-09	16:00:00"	12.44	61.312	86.121	35.522	824.31	26.53	0
"2012-07-09	17:00:00"	12.216	56.017	85.937	37.486	770.15	26.506	0
"2012-07-09	18:00:00"	10.379	55.427	86.538	33.658	486.82	26.488	0
"2012-07-09	19:00:00"	9.1826	54.94	87.091	33.384	430.12	26.48	0
"2012-07-09	20:00:00"	9.6959	49.389	86.85	35.886	268.67	26.488	0
"2012-07-09	21:00:00"	9.3187	29.878	85.135	36.459	52.577	26.5	0
"2012-07-09	22:00:00"	7.8125	75.583	81.762	45.658	0.23615	26.518	0
"2012-07-09	23:00:00"	6.3355	63.842	79.958	48.097	0.06359	26.533	0
"2012-07-10	00:00:00"	5.1015	64.859	78.044	50.554	0.07568	26.536	0
"2012-07-10	01:00:00"	5.414	55.41	75.624	54.752	0.046	26.536	0
"2012-07-10	02:00:00"	5.0418	46.479	75.109	54.902	0.07737	26.527	0
"2012-07-10	03:00:00"	14.216	350.55	73.336	65.212	0.06381	26.547	0
"2012-07-10	04:00:00"	14.239	338.28	70.648	74.923	0.05639	26.547	0
"2012-07-10	05:00:00"	10.261	338.43	68.899	82.955	0.05575	26.547	0
"2012-07-10	06:00:00"	8.1207	358.49	68.861	83.342	0.0513	26.547	0
"2012-07-10	07:00:00"	7.0097	344.74	67.988	87.711	0.26349	26.547	0
"2012-07-10	08:00:00"	5.1667	325.71	68.237	86.897	46.839	26.556	0
"2012-07-10	09:00:00"	6.3305	319.36	69.888	80.608	175.56	26.565	0
"2012-07-10	10:00:00"	8.0343	18.364	72.94	73.349	326.76	26.568	0
"2012-07-10	11:00:00"	9.1155	42.753	74.964	68.854	537.99	26.559	0
"2012-07-10	12:00:00"	9.0179	55.282	76.172	65.676	600.88	26.553	0
"2012-07-10	13:00:00"	9.5498	49.588	78.447	58.67	645.47	26.533	0
"2012-07-10	14:00:00"	10.732	51.573	77.18	63.648	366.44	26.536	0.29
"2012-07-10	15:00:00"	7.4403	10.655	69.26	90.45	84.983	26.524	0.15
"2012-07-10	16:00:00"	8.867	44.022	70.377	88.156	190.79	26.515	0.09
"2012-07-10	17:00:00"	10.885	52.045	74.023	76.159	428.67	26.503	0
"2012-07-10	18:00:00"	11.741	47.652	74.674	72.769	490.25	26.488	0
"2012-07-10	19:00:00"	11.823	44.554	74.523	71.177	291.43	26.512	0
"2012-07-10	20:00:00"	13.658	59.923	73.077	73.225	172.72	26.515	0
"2012-07-10	21:00:00"	12.531	60.696	70.45	80.258	28.997	26.53	0
"2012-07-10	22:00:00"	11.089	73.464	68.411	87.151	0.21113	26.53	0
"2012-07-10	23:00:00"	8.6663	80.794	67.478	87.562	0.07186	26.545	0
"2012-07-11	00:00:00"	6.6679	58.363	66.999	89.609	0.06783	26.562	0
"2012-07-11	01:00:00"	5.8707	29.177	66.905	90.352	0.0655	26.568	0
"2012-07-11	02:00:00"	5.1046	30.863	66.844	90.952	0.0602	26.565	0
"2012-07-11	03:00:00"	3.4051	11.976	67.133	90.955	0.0602	26.556	0
"2012-07-11	04:00:00"	5.0014	26.869	66.857	91.347	0.05066	26.556	0
"2012-07-11	05:00:00"	4.2384	26.082	66.6	91.527	0.05215	26.553	0
"2012-07-11	06:00:00"	2.6197	34.137	66.504	92.029	0.06868	26.55	0
"2012-07-11	07:00:00"	5.2928	18.064	65.71	93.307	0.94077	26.556	0
"2012-07-11	08:00:00"	5.1965	23.408	66.139	92.469	66.806	26.565	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-11	09:00:00"	5.5942	26.822	67.888	87.784	113.07	26.577	0
"2012-07-11	10:00:00"	1.6995	35.494	70.33	79.47	279.41	26.586	0
"2012-07-11	11:00:00"	0.99295	50.698	74.031	69.054	507.5	26.589	0
"2012-07-11	12:00:00"	6.9016	51.356	76.351	64.402	461.75	26.589	0
"2012-07-11	13:00:00"	9.1317	57.393	76.366	62.692	242.96	26.574	0
"2012-07-11	14:00:00"	12.391	56.877	80.136	52.829	978.04	26.559	0
"2012-07-11	15:00:00"	11.155	62.336	82.214	46.287	870.9	26.542	0
"2012-07-11	16:00:00"	9.9892	60.775	82.728	44.148	694.32	26.521	0
"2012-07-11	17:00:00"	8.0008	74.869	84.006	42.232	646.72	26.5	0
"2012-07-11	18:00:00"	7.9361	90.981	84.02	42.114	451.68	26.491	0
"2012-07-11	19:00:00"	9.0378	75.701	84.868	39.498	403.4	26.48	0
"2012-07-11	20:00:00"	9.9376	68.467	84.077	39.629	182.95	26.488	0
"2012-07-11	21:00:00"	7.5198	61.48	82.196	42.693	54.894	26.494	0
"2012-07-11	22:00:00"	5.089	68.542	77.989	54.252	0.32157	26.509	0
"2012-07-11	23:00:00"	4.4627	59.225	74.898	62.62	0.06253	26.53	0
"2012-07-12	00:00:00"	4.3266	60.595	73.066	66.819	0.06338	26.542	0
"2012-07-12	01:00:00"	4.3782	43.355	71.825	70.602	0.06635	26.536	0
"2012-07-12	02:00:00"	5.071	34.146	70.447	73.411	0.05363	26.527	0
"2012-07-12	03:00:00"	5.2369	38.186	69.492	75.699	0.0496	26.524	0
"2012-07-12	04:00:00"	4.7373	53.391	68.739	77.718	0.06953	26.518	0
"2012-07-12	05:00:00"	5.0201	44.681	67.884	79.886	0.06677	26.518	0
"2012-07-12	06:00:00"	4.7454	43.798	66.976	81.319	0.05236	26.521	0
"2012-07-12	07:00:00"	5.0809	28.454	65.73	84.684	1.0819	26.527	0
"2012-07-12	08:00:00"	4.6398	33.109	66.291	84.82	63.987	26.533	0
"2012-07-12	09:00:00"	4.3477	41.269	72.251	73.103	234.21	26.547	0
"2012-07-12	10:00:00"	2.8527	272.49	78.163	58.405	438.16	26.553	0
"2012-07-12	11:00:00"	4.3602	263.25	80.128	52.316	639.33	26.559	0
"2012-07-12	12:00:00"	3.6394	266.42	81.948	45.872	600.41	26.556	0
"2012-07-12	13:00:00"	4.6721	177.61	82.952	42.727	548.87	26.55	0
"2012-07-12	14:00:00"	4.8063	10.248	84.978	34.849	607.09	26.539	0
"2012-07-12	15:00:00"	9.0304	50.22	87.427	26.702	713.46	26.527	0
"2012-07-12	16:00:00"	8.9142	59.865	88.422	23.366	708.11	26.509	0
"2012-07-12	17:00:00"	8.565	62.957	89.769	20.849	787.99	26.494	0
"2012-07-12	18:00:00"	8.6781	60.126	90.261	21.302	654.37	26.48	0
"2012-07-12	19:00:00"	8.0629	84.465	89.122	24.511	364.62	26.468	0
"2012-07-12	20:00:00"	8.6824	82.151	88.668	24.568	220.7	26.468	0
"2012-07-12	21:00:00"	6.8835	114.75	86.09	27.62	59.947	26.474	0
"2012-07-12	22:00:00"	4.3844	79.135	80.535	31.398	0.3716	26.485	0
"2012-07-12	23:00:00"	4.6858	65.362	76.734	38.965	0.06253	26.509	0
"2012-07-13	00:00:00"	4.5323	70.825	76.639	40.029	0.05596	26.518	0
"2012-07-13	01:00:00"	4.9716	57.966	74.743	43.486	0.07059	26.527	0
"2012-07-13	02:00:00"	5.5283	41.8	71.297	51.525	0.0619	26.527	0
"2012-07-13	03:00:00"	5.6278	40.429	68.883	58.386	0.06253	26.521	0
"2012-07-13	04:00:00"	5.4637	54.959	68.595	58.214	0.0619	26.518	0
"2012-07-13	05:00:00"	4.9467	71.394	68.552	57.445	0.04748	26.518	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-13	06:00:00"	4.5981	66.86	67.308	59.783	0.06296	26.521	0
"2012-07-13	07:00:00"	4.3974	54.734	65.657	66.059	1.3196	26.536	0
"2012-07-13	08:00:00"	2.7371	62.137	68.348	64.339	67.385	26.542	0
"2012-07-13	09:00:00"	2.6601	171.28	76.385	53.669	238.85	26.559	0
"2012-07-13	10:00:00"	3.6083	239.98	81.096	44.914	445.74	26.562	0
"2012-07-13	11:00:00"	6.059	255.4	83.806	39.369	642.34	26.565	0
"2012-07-13	12:00:00"	6.1385	195.91	85.801	33.751	728.95	26.568	0
"2012-07-13	13:00:00"	5.2562	189.09	86.639	31.2	587.68	26.556	0
"2012-07-13	14:00:00"	7.9641	82.889	89.678	24.576	935.06	26.545	0
"2012-07-13	15:00:00"	9.5815	76.148	91.238	20.384	1046.3	26.527	0
"2012-07-13	16:00:00"	7.7858	79.268	91.973	18.071	842.49	26.515	0
"2012-07-13	17:00:00"	8.7713	83.971	91.918	19.445	694.25	26.488	0
"2012-07-13	18:00:00"	8.839	101.42	92.52	18.954	587.31	26.477	0
"2012-07-13	19:00:00"	7.5845	87.576	91.716	21.103	441.1	26.462	0
"2012-07-13	20:00:00"	8.199	90.995	90.727	22.711	199.88	26.471	0
"2012-07-13	21:00:00"	6.1944	74.435	88.461	24.196	55.786	26.483	0
"2012-07-13	22:00:00"	4.3769	73.71	82.133	31.09	0.40742	26.497	0
"2012-07-13	23:00:00"	4.3235	85.749	79.333	34.573	0.04791	26.512	0
"2012-07-14	00:00:00"	4.7435	83.896	78.005	36.216	0.06275	26.521	0
"2012-07-14	01:00:00"	5.2437	80.279	75.814	39.15	0.05893	26.521	0
"2012-07-14	02:00:00"	5.3705	82.101	73.978	41.097	0.06508	26.521	0
"2012-07-14	03:00:00"	5.652	104.36	72.79	44.246	0.0831	26.512	0
"2012-07-14	04:00:00"	4.1762	125.74	72.121	52.068	0.0602	26.503	0
"2012-07-14	05:00:00"	3.8395	134.02	71.318	58.58	0.07313	26.497	0
"2012-07-14	06:00:00"	4.0023	139.84	70.772	62.552	0.06529	26.503	0
"2012-07-14	07:00:00"	4.7317	145	71.003	63.419	0.76122	26.521	0
"2012-07-14	08:00:00"	4.8187	69.039	69.382	66.749	58.363	26.542	0
"2012-07-14	09:00:00"	6.7636	143.55	75.221	55.64	241.5	26.565	0
"2012-07-14	10:00:00"	8.4388	163.43	79.903	48.269	446.84	26.58	0
"2012-07-14	11:00:00"	7.7323	180.38	82.333	45.156	607.17	26.58	0
"2012-07-14	12:00:00"	6.0658	182.78	85.631	37.286	803.82	26.574	0
"2012-07-14	13:00:00"	6.2777	139.44	87.597	31.091	747.13	26.565	0
"2012-07-14	14:00:00"	7.3968	143.38	88.392	30.485	573.5	26.545	0
"2012-07-14	15:00:00"	6.2442	154.9	90.816	26.54	886.13	26.524	0
"2012-07-14	16:00:00"	9.3417	114.36	91.965	21.83	655.02	26.512	0
"2012-07-14	17:00:00"	8.2692	80.423	92.661	20.464	618.33	26.494	0
"2012-07-14	18:00:00"	8.3779	96.101	93.149	19.915	593.39	26.483	0
"2012-07-14	19:00:00"	8.6905	93.162	92.134	21.697	281.7	26.471	0
"2012-07-14	20:00:00"	8.2698	92.724	91.304	21.141	177.71	26.474	0
"2012-07-14	21:00:00"	8.6078	100.16	89.529	23.48	64.703	26.485	0
"2012-07-14	22:00:00"	5.0275	86.85	83.572	28.902	0.40213	26.503	0
"2012-07-14	23:00:00"	5.844	82.204	79.434	32.655	0.05596	26.521	0
"2012-07-15	00:00:00"	6.0565	94.624	77.606	31.991	0.05363	26.524	0
"2012-07-15	01:00:00"	9.4684	114	78.239	32.283	0.06147	26.533	0
"2012-07-15	02:00:00"	10.44	130.1	78.344	39.61	0.07462	26.527	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-15	03:00:00"	6.8276	116.35	75.818	45.478	0.07546	26.521	0
"2012-07-15	04:00:00"	5.3798	110.22	72.451	50.557	0.06656	26.515	0
"2012-07-15	05:00:00"	3.9892	130.64	70.909	55.419	0.06275	26.518	0
"2012-07-15	06:00:00"	2.5569	167.02	69.19	61.589	0.04536	26.533	0
"2012-07-15	07:00:00"	2.4476	168.72	68.108	66.759	0.94246	26.539	0
"2012-07-15	08:00:00"	3.2324	173.14	68.706	69.005	70.412	26.545	0
"2012-07-15	09:00:00"	7.5236	192.84	73.901	61.747	243.87	26.562	0
"2012-07-15	10:00:00"	7.8752	189.97	77.837	52.734	451.64	26.568	0
"2012-07-15	11:00:00"	7.5869	197.5	81.936	43.099	647.22	26.562	0
"2012-07-15	12:00:00"	6.3392	182.56	84.755	35.884	807.27	26.556	0
"2012-07-15	13:00:00"	6.9333	169.11	87.462	28.752	934.29	26.542	0
"2012-07-15	14:00:00"	7.4943	147.34	88.883	27.014	892.97	26.524	0
"2012-07-15	15:00:00"	8.135	170.43	89.716	24.271	725.98	26.497	0
"2012-07-15	16:00:00"	10.251	165.86	91.127	21.767	822.04	26.477	0
"2012-07-15	17:00:00"	7.6851	178.58	90.833	22.292	583.65	26.462	0
"2012-07-15	18:00:00"	6.9351	155.14	91.101	21.951	500.44	26.444	0
"2012-07-15	19:00:00"	6.3678	178.46	91.205	21.684	450.55	26.432	0
"2012-07-15	20:00:00"	4.8523	139.41	90.892	21.674	304.52	26.429	0
"2012-07-15	21:00:00"	6.0335	124.1	89.634	22.077	86.321	26.435	0
"2012-07-15	22:00:00"	4.1563	89.259	84.957	24.613	0.49942	26.441	0
"2012-07-15	23:00:00"	5.3046	84.426	82.028	27.568	0.06953	26.459	0
"2012-07-16	00:00:00"	11.132	111.88	79.995	37.237	0.06423	26.471	0
"2012-07-16	01:00:00"	9.0832	132.54	76.855	47.732	0.06296	26.474	0
"2012-07-16	02:00:00"	6.8189	159.73	74.553	50.148	0.07631	26.471	0
"2012-07-16	03:00:00"	5.8222	171.38	72.265	56.938	0.06063	26.456	0
"2012-07-16	04:00:00"	5.4053	196.02	70.462	61.674	0.06169	26.45	0
"2012-07-16	05:00:00"	4.4409	178.05	68.156	66.313	0.05278	26.441	0
"2012-07-16	06:00:00"	4.6323	163.94	66.742	70.672	0.06084	26.435	0
"2012-07-16	07:00:00"	6.0758	153.15	66.417	75.554	0.70462	26.444	0
"2012-07-16	08:00:00"	3.5617	198.6	66.605	77.522	63.268	26.459	0
"2012-07-16	09:00:00"	7.0283	187.34	70.152	70.633	214.82	26.462	0
"2012-07-16	10:00:00"	6.269	184.89	74.491	61.74	331.05	26.483	0
"2012-07-16	11:00:00"	6.6667	172.71	77.849	54.464	355.14	26.488	0
"2012-07-16	12:00:00"	4.8411	174.5	81.094	47.004	422.89	26.488	0
"2012-07-16	13:00:00"	5.5998	213.65	84.969	37.461	618.27	26.474	0
"2012-07-16	14:00:00"	7.518	184.25	88.852	30.104	940.84	26.453	0
"2012-07-16	15:00:00"	8.2431	186.26	90.492	24.336	896.97	26.423	0
"2012-07-16	16:00:00"	8.043	180.87	91.627	22.299	885.66	26.406	0
"2012-07-16	17:00:00"	10.463	186.47	92.711	21.052	856.35	26.385	0
"2012-07-16	18:00:00"	14.674	139.81	91.142	24.62	544.57	26.367	0
"2012-07-16	19:00:00"	21.475	116.06	84.805	33.329	475.15	26.382	0
"2012-07-16	20:00:00"	19.407	124.05	79.336	41.062	218.6	26.382	0
"2012-07-16	21:00:00"	14.828	128.33	77.648	41.208	44.916	26.385	0
"2012-07-16	22:00:00"	12.179	134.31	75.824	43.327	0.26328	26.394	0
"2012-07-16	23:00:00"	9.4945	128.96	76.261	41.747	0.05172	26.418	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-17	00:00:00"	9.2255	129.59	76.308	43.349	0.06126	26.435	0
"2012-07-17	01:00:00"	10.08	133.65	77.052	42.165	0.06173	26.435	0
"2012-07-17	02:00:00"	7.8473	114.2	74.944	47.834	0.06593	26.456	0
"2012-07-17	03:00:00"	6.6052	219.71	72.791	58.618	0.05405	26.459	0
"2012-07-17	04:00:00"	9.5784	228.73	71.666	62.638	0.04897	26.453	0
"2012-07-17	05:00:00"	9.9898	212.2	69.638	69.812	0.06677	26.42	0
"2012-07-17	06:00:00"	10.548	185.6	68.569	66.133	0.07949	26.394	0
"2012-07-17	07:00:00"	4.5863	184.81	67.075	70.908	0.86848	26.406	0
"2012-07-17	08:00:00"	3.6773	199.02	66.433	73.717	55.007	26.429	0
"2012-07-17	09:00:00"	8.7731	186.43	71.624	65.19	249.58	26.441	0
"2012-07-17	10:00:00"	12.626	180.55	75.278	58.419	395.91	26.456	0
"2012-07-17	11:00:00"	12.093	195.47	79.125	50.64	632.79	26.453	0
"2012-07-17	12:00:00"	12.471	196.96	82.059	46.054	788.8	26.456	0
"2012-07-17	13:00:00"	11.041	193.53	84.882	40.198	903.32	26.45	0
"2012-07-17	14:00:00"	9.95	185.34	87.617	34.255	966.43	26.438	0
"2012-07-17	15:00:00"	9.3634	172.47	89.607	29.308	933.1	26.418	0
"2012-07-17	16:00:00"	8.189	144.61	91.173	26.339	921.8	26.394	0
"2012-07-17	17:00:00"	7.4931	163.67	91.266	26.542	660.11	26.382	0
"2012-07-17	18:00:00"	6.8997	146.61	91.753	25.448	601.75	26.37	0
"2012-07-17	19:00:00"	8.5103	156.03	90.854	26.323	214.87	26.367	0
"2012-07-17	20:00:00"	9.4461	152.99	89.85	28.346	150.85	26.376	0
"2012-07-17	21:00:00"	9.2056	150.78	88.435	30.148	59.088	26.382	0
"2012-07-17	22:00:00"	6.5853	138.14	84.511	33.497	0.33684	26.4	0
"2012-07-17	23:00:00"	6.2845	142.46	81.53	36.578	0.05957	26.42	0
"2012-07-18	00:00:00"	7.6746	159.24	79.606	41.006	0.04748	26.438	0
"2012-07-18	01:00:00"	8.1897	166.23	78.644	46.527	0.06275	26.447	0
"2012-07-18	02:00:00"	9.1012	168.62	77.636	49.528	0.05427	26.45	0
"2012-07-18	03:00:00"	10.151	171.47	76.574	51.768	0.0549	26.447	0
"2012-07-18	04:00:00"	8.9446	168.47	75.248	53.399	0.06402	26.447	0
"2012-07-18	05:00:00"	7.5608	167.21	73.935	55.48	0.04812	26.459	0
"2012-07-18	06:00:00"	6.978	166.91	72.755	56.984	0.04515	26.465	0
"2012-07-18	07:00:00"	5.634	155.59	70.95	59.906	0.57277	26.483	0
"2012-07-18	08:00:00"	7.1128	140.49	70.074	63.703	59.182	26.494	0
"2012-07-18	09:00:00"	10.287	162.13	72.504	66.986	227.95	26.512	0
"2012-07-18	10:00:00"	11.974	160.7	75.889	61.413	426.28	26.521	0
"2012-07-18	11:00:00"	10.378	158.23	78.942	54.692	633.33	26.527	0
"2012-07-18	12:00:00"	10.508	154.57	82.231	46.796	795.92	26.53	0
"2012-07-18	13:00:00"	11.283	158.58	85.072	40.017	908.47	26.524	0
"2012-07-18	14:00:00"	12.006	146.32	87.704	33.953	975.77	26.512	0
"2012-07-18	15:00:00"	13.693	167.64	89.745	29.3	985.8	26.494	0
"2012-07-18	16:00:00"	12.339	169.31	91.284	25.901	942.73	26.474	0
"2012-07-18	17:00:00"	11.709	155.75	92.289	24.642	836.11	26.453	0
"2012-07-18	18:00:00"	11.736	163.6	92.255	23.049	655.83	26.441	0
"2012-07-18	19:00:00"	11.911	136.94	92	21.158	438.74	26.435	0
"2012-07-18	20:00:00"	11.868	148.6	90.63	22.084	238.76	26.441	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-18	21:00:00"	9.9674	146.32	88.327	26.221	61.856	26.456	0
"2012-07-18	22:00:00"	9.2851	152.94	84.469	32.234	0.19629	26.497	0
"2012-07-18	23:00:00"	6.6872	145.51	80.892	35.61	0.06741	26.524	0
"2012-07-19	00:00:00"	9.0061	175.17	78.488	47.657	0.06571	26.536	0
"2012-07-19	01:00:00"	7.3732	180.4	76.276	52.36	0.07483	26.553	0
"2012-07-19	02:00:00"	6.159	188.49	74.609	55.517	0.06317	26.565	0
"2012-07-19	03:00:00"	4.6851	183.54	73.056	60.499	0.05808	26.565	0
"2012-07-19	04:00:00"	5.7601	180.29	71.029	67.584	0.05278	26.562	0
"2012-07-19	05:00:00"	3.7661	156.27	68.717	74.248	0.05511	26.568	0
"2012-07-19	06:00:00"	5.2065	151.58	66.942	76.641	0.05723	26.565	0
"2012-07-19	07:00:00"	2.5128	76.605	65.469	78.024	0.7591	26.58	0
"2012-07-19	08:00:00"	3.4262	58.961	65.787	75.637	61.114	26.589	0
"2012-07-19	09:00:00"	5.2102	137.4	69.691	65.994	230.42	26.609	0
"2012-07-19	10:00:00"	9.1758	150.02	73.673	56.549	438.46	26.618	0
"2012-07-19	11:00:00"	10.322	164.94	76.927	50.422	632.64	2.6624	0
"2012-07-19	12:00:00"	10.612	162.04	80.244	43.754	792.9	26.627	0
"2012-07-19	13:00:00"	10.51	149.8	82.44	39.208	909.02	26.621	0
"2012-07-19	14:00:00"	12.46	156.84	85.047	35.628	971.29	26.612	0
"2012-07-19	15:00:00"	12.406	155.78	86.62	33.145	958.37	26.601	0
"2012-07-19	16:00:00"	12.613	152.38	87.73	33.024	876.03	26.577	0
"2012-07-19	17:00:00"	10.947	173.25	88.52	32.325	703.81	26.556	0
"2012-07-19	18:00:00"	12.171	169.32	89.41	31.162	631.85	26.536	0
"2012-07-19	19:00:00"	12.745	148.81	89.719	29.005	459.41	26.527	0
"2012-07-19	20:00:00"	12.165	150.53	88.675	30.025	236.34	26.53	0
"2012-07-19	21:00:00"	11.387	148.86	86.316	33.071	59.541	26.542	0
"2012-07-19	22:00:00"	6.9761	148.22	82.577	37.282	0.31627	26.559	0
"2012-07-19	23:00:00"	6.4088	155.87	79.676	41.995	0.05363	26.592	0
"2012-07-20	00:00:00"	4.6882	159.06	77.18	47.181	0.04854	26.604	0
"2012-07-20	01:00:00"	6.1752	164.97	75.584	52.255	0.04621	26.609	0
"2012-07-20	02:00:00"	8.496	163.01	74.739	56.955	0.04854	26.612	0
"2012-07-20	03:00:00"	5.6706	159.42	72.725	61.499	0.06359	26.612	0
"2012-07-20	04:00:00"	4.3216	139.68	71.116	66.372	0.06359	26.607	0
"2012-07-20	05:00:00"	3.676	117.91	70.368	67.71	0.05723	26.609	0
"2012-07-20	06:00:00"	3.7599	112.95	69.623	69.426	0.0867	26.609	0
"2012-07-20	07:00:00"	4.1862	114.65	69.25	71.761	0.7237	26.612	0
"2012-07-20	08:00:00"	4.5845	112.49	69.441	72.92	61.636	26.615	0
"2012-07-20	09:00:00"	9.0664	171.72	72.734	71.498	232.37	26.621	0
"2012-07-20	10:00:00"	11.275	188.34	77.025	62.433	435.77	26.627	0
"2012-07-20	11:00:00"	9.5511	192.23	80.17	54.579	629.53	26.636	0
"2012-07-20	12:00:00"	6.8388	182.73	82.325	47.982	767.08	26.633	0
"2012-07-20	13:00:00"	7.751	176.7	85.2	42.205	899.95	26.621	0
"2012-07-20	14:00:00"	8.8583	167.17	87.445	37.651	967.2	26.607	0
"2012-07-20	15:00:00"	8.4885	156.12	90.218	32.255	945.16	26.589	0
"2012-07-20	16:00:00"	8.1375	139.57	90.162	30.907	749.6	26.574	0
"2012-07-20	17:00:00"	8.624	153.74	92.092	27.186	785.34	26.556	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-20	18:00:00"	9.425	157.71	92.26	26.79	609.68	26.545	0
"2012-07-20	19:00:00"	8.9869	173.51	92.622	26.509	445.58	26.536	0
"2012-07-20	20:00:00"	8.6066	162.39	91.179	28.039	187.47	26.53	0
"2012-07-20	21:00:00"	6.5132	153.15	89.312	29.39	53.635	26.536	0
"2012-07-20	22:00:00"	3.4436	138.93	84.614	33.943	0.15581	26.547	0
"2012-07-20	23:00:00"	3.7717	140.49	81.79	37.136	0.04346	26.574	0
"2012-07-21	00:00:00"	3.9209	142.16	80.719	38.571	0.06211	26.577	0
"2012-07-21	01:00:00"	4.0948	159.72	79.03	39.959	0.04452	26.577	0
"2012-07-21	02:00:00"	2.3618	216.82	77.055	42.28	0.05151	26.571	0
"2012-07-21	03:00:00"	2.9528	199.13	74.955	45.836	0.04155	26.571	0
"2012-07-21	04:00:00"	2.826	181.09	73.746	47.942	0.06932	26.568	0
"2012-07-21	05:00:00"	2.68	196.52	72.948	49.002	0.04918	26.574	0
"2012-07-21	06:00:00"	2.0785	218.43	72.147	50.31	0.0566	26.574	0
"2012-07-21	07:00:00"	2.0406	227.17	71.193	52.29	0.51257	26.577	0
"2012-07-21	08:00:00"	1.2048	236.42	71.574	52.705	60.533	26.586	0
"2012-07-21	09:00:00"	3.9146	224.31	76.807	49.841	232.38	26.601	0
"2012-07-21	10:00:00"	4.4124	230.7	81.067	44.786	438.23	26.607	0
"2012-07-21	11:00:00"	4.4583	254.66	85.209	36.144	631.36	26.604	0
"2012-07-21	12:00:00"	4.2918	288.01	88.825	30.014	793.69	26.601	0
"2012-07-21	13:00:00"	4.994	140.15	90.551	28.094	674.69	26.583	0
"2012-07-21	14:00:00"	6.5244	104.8	90.782	27.906	354.78	26.568	0
"2012-07-21	15:00:00"	5.8104	284.14	87.947	34.869	295.43	26.545	0
"2012-07-21	16:00:00"	9.0335	34.139	88.128	30.607	236.61	26.542	0
"2012-07-21	17:00:00"	10.701	90.884	85.806	33.778	259.77	26.521	0
"2012-07-21	18:00:00"	8.043	107.08	91.665	25.715	650.36	26.506	0
"2012-07-21	19:00:00"	5.5283	98.957	92.886	23.475	488.39	26.494	0
"2012-07-21	20:00:00"	9.1112	105.19	92.618	24.007	273.11	26.485	0
"2012-07-21	21:00:00"	8.1984	89.004	87.288	32.678	40.302	26.494	0
"2012-07-21	22:00:00"	4.2545	72.812	82.026	40.343	0.15432	26.494	0
"2012-07-21	23:00:00"	5.0915	82.815	80.039	44.181	0.06041	26.5	0
"2012-07-22	00:00:00"	4.7653	55.349	77.818	47.696	0.04876	26.5	0
"2012-07-22	01:00:00"	5.053	49.364	75.886	50.563	0.06656	26.506	0
"2012-07-22	02:00:00"	6.4511	37.839	75.123	47.77	0.05151	26.512	0
"2012-07-22	03:00:00"	6.0764	35.586	72.324	51.901	0.05342	26.515	0
"2012-07-22	04:00:00"	4.738	55.025	72.344	51.213	0.07716	26.518	0
"2012-07-22	05:00:00"	3.4803	71.29	71.257	52.785	0.04727	26.512	0
"2012-07-22	06:00:00"	4.3334	51.013	70.361	53.337	0.06296	26.509	0
"2012-07-22	07:00:00"	4.5435	43.053	69.206	55.446	0.47568	26.518	0
"2012-07-22	08:00:00"	5.0443	54.84	70.438	54.762	75.527	26.539	0
"2012-07-22	09:00:00"	3.6642	107.72	78.115	41.734	151.9	26.556	0
"2012-07-22	10:00:00"	3.8177	142.12	82.085	33.672	230.55	26.559	0
"2012-07-22	11:00:00"	4.4391	227.37	86.946	28.141	589.11	26.559	0
"2012-07-22	12:00:00"	5.0623	232.42	91.554	22.244	806.2	26.556	0
"2012-07-22	13:00:00"	5.3307	163.27	93.488	20.507	911.97	26.547	0
"2012-07-22	14:00:00"	7.6969	161.03	95.564	19.74	1040.6	26.53	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-22	15:00:00"	9.3647	161.84	96.626	18.164	1113.4	26.515	0
"2012-07-22	16:00:00"	12.359	116.35	94.712	19.754	499.31	26.5	0
"2012-07-22	17:00:00"	6.5325	104.73	95.308	19.589	594.99	26.485	0
"2012-07-22	18:00:00"	6.6617	154.2	96.367	17.946	584.71	26.48	0
"2012-07-22	19:00:00"	13.506	176.26	95.129	21.076	428.12	26.471	0
"2012-07-22	20:00:00"	9.9252	174.33	93.994	21.838	227.05	26.474	0
"2012-07-22	21:00:00"	8.7905	149.56	91.365	23.723	37.663	26.491	0
"2012-07-22	22:00:00"	7.1085	123	87.528	28.109	0.0814	26.5	0
"2012-07-22	23:00:00"	7.0948	131.43	84.401	30.918	0.06147	26.512	0
"2012-07-23	00:00:00"	6.1696	129.7	82.045	32.746	0.05617	26.518	0
"2012-07-23	01:00:00"	5.8761	159.16	80.085	36.638	0.07885	26.518	0
"2012-07-23	02:00:00"	8.3512	158.5	79.426	35.895	0.04049	26.533	0
"2012-07-23	03:00:00"	9.5119	177.88	79.53	37.999	0.05829	26.512	0
"2012-07-23	04:00:00"	9.9699	182.04	80.357	38.769	0.07271	26.515	0
"2012-07-23	05:00:00"	8.4653	177.79	79.783	41.527	0.04558	26.524	0
"2012-07-23	06:00:00"	4.4938	133.22	79.093	43.006	0.05427	26.547	0
"2012-07-23	07:00:00"	4.3341	129.07	78.225	44.838	0.0956	26.55	0
"2012-07-23	08:00:00"	5.57	223.14	77.857	46.039	22.311	26.553	0
"2012-07-23	09:00:00"	8.2779	186.03	77.388	48.475	122.28	26.559	0
"2012-07-23	10:00:00"	6.1037	189.35	79.87	44.352	287.13	26.565	0
"2012-07-23	11:00:00"	5.5271	148.06	81.726	42.079	225.02	26.562	0
"2012-07-23	12:00:00"	5.7123	129.96	82.866	39.426	317.44	26.562	0
"2012-07-23	13:00:00"	6.868	137.43	86.671	34.738	792.69	26.55	0
"2012-07-23	14:00:00"	7.7584	155.76	91.275	26.283	944.23	26.53	0
"2012-07-23	15:00:00"	10.811	191.74	93.121	24.91	824.18	26.515	0
"2012-07-23	16:00:00"	11.398	176.65	92.36	24.218	540.58	26.506	0
"2012-07-23	17:00:00"	11.891	170.66	94.691	20.869	877.04	26.483	0
"2012-07-23	18:00:00"	12.631	165.07	94.613	20.927	693.21	26.48	0
"2012-07-23	19:00:00"	12.047	169	93.349	22.098	307.21	26.48	0
"2012-07-23	20:00:00"	9.6294	145.77	90.722	23.586	76.125	26.48	0
"2012-07-23	21:00:00"	13.069	149.98	87.783	30.637	42.645	26.491	0
"2012-07-23	22:00:00"	14.562	153.53	82.381	37.778	0.10535	26.515	0
"2012-07-23	23:00:00"	11.1	153.69	80.555	41.389	0.06656	26.53	0
"2012-07-24	00:00:00"	9.9053	153.4	79.558	41.623	0.05766	26.536	0
"2012-07-24	01:00:00"	7.8249	158.62	77.151	46.244	0.06147	26.527	0
"2012-07-24	02:00:00"	7.6876	174.59	76.156	48.276	0.05533	26.524	0
"2012-07-24	03:00:00"	6.0447	178.84	74.759	50.337	0.0725	26.521	0
"2012-07-24	04:00:00"	5.3245	183.61	72.531	54.178	0.06805	26.512	0
"2012-07-24	05:00:00"	5.6023	178.72	71.673	56.695	0.05321	26.518	0
"2012-07-24	06:00:00"	6.909	169.23	71.512	59.177	0.05363	26.521	0
"2012-07-24	07:00:00"	8.6128	172.33	71.545	65.849	0.31861	26.521	0
"2012-07-24	08:00:00"	8.5762	181.42	71.027	71.639	51.805	26.53	0
"2012-07-24	09:00:00"	12.931	176.36	73.467	68.741	220.49	26.533	0
"2012-07-24	10:00:00"	12.943	193.08	77.079	60.289	425.7	26.53	0
"2012-07-24	11:00:00"	11.523	190.89	80.592	52.53	620.78	26.53	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-24	12:00:00"	9.3653	186.7	84.196	44.95	782.29	26.521	0
"2012-07-24	13:00:00"	8.4202	193.27	87.671	37.028	896.75	26.506	0
"2012-07-24	14:00:00"	8.0561	185.98	90.542	29.443	966.49	26.48	0
"2012-07-24	15:00:00"	7.8529	185.53	92.892	25.677	921.02	26.456	0
"2012-07-24	16:00:00"	8.9061	159.05	92.617	25.374	472.92	26.426	0
"2012-07-24	17:00:00"	8.317	157.99	93.653	23.941	532.59	26.412	0
"2012-07-24	18:00:00"	8.4854	215.35	90.977	27.624	143.5	26.415	0
"2012-07-24	19:00:00"	9.5281	235.7	89.828	29.716	350.57	26.412	0
"2012-07-24	20:00:00"	8.8607	195.9	90.311	28.498	225.72	26.406	0
"2012-07-24	21:00:00"	4.6876	181.98	88.842	29.281	43.663	26.409	0
"2012-07-24	22:00:00"	8.2058	178.45	85.22	36.078	0.09624	26.42	0
"2012-07-24	23:00:00"	11.49	176.08	83.392	39.8	0.04748	26.438	0
"2012-07-25	00:00:00"	9.0273	182.75	82.086	40.875	0.0549	26.447	0
"2012-07-25	01:00:00"	8.2953	180.82	80.795	42.894	0.05893	26.447	0
"2012-07-25	02:00:00"	10.179	184.38	81.108	41.233	0.05766	26.444	0
"2012-07-25	03:00:00"	8.6861	189.08	80.39	43.803	0.07843	26.435	0
"2012-07-25	04:00:00"	7.2402	174.62	78.033	47.244	0.05088	26.423	0
"2012-07-25	05:00:00"	9.2429	165.97	75.776	51.412	0.06465	26.409	0
"2012-07-25	06:00:00"	9.4672	175.09	74.759	52.804	0.06338	26.412	0
"2012-07-25	07:00:00"	7.6932	181.1	73.254	55.333	0.3504	26.426	0
"2012-07-25	08:00:00"	6.1522	181.72	72.127	57.57	48.294	26.438	0
"2012-07-25	09:00:00"	10.438	191.17	75.895	51.339	220.72	26.444	0
"2012-07-25	10:00:00"	11.873	202.66	80.18	44.327	427.04	26.447	0
"2012-07-25	11:00:00"	10.032	217.15	82.913	40.635	624.21	26.441	0
"2012-07-25	12:00:00"	7.1837	227.97	86.69	34.597	795.41	26.429	0
"2012-07-25	13:00:00"	8.176	215.89	90.211	29.689	899.57	26.409	0
"2012-07-25	14:00:00"	8.9701	198.08	92.553	26.088	877.58	26.394	0
"2012-07-25	15:00:00"	8.4395	208.88	95.113	22.668	989.71	26.367	0
"2012-07-25	16:00:00"	11.544	214.69	96.293	20.789	726.19	26.344	0
"2012-07-25	17:00:00"	12.071	197.02	97.382	19.008	782.86	26.32	0
"2012-07-25	18:00:00"	12.647	216.47	97.556	19.588	595.72	26.302	0
"2012-07-25	19:00:00"	11.551	216.8	97.212	19.051	431.2	26.294	0
"2012-07-25	20:00:00"	10.458	195.85	95.68	19.844	164.46	26.299	0
"2012-07-25	21:00:00"	9.5927	190.55	92.417	23.714	24.605	26.314	0
"2012-07-25	22:00:00"	15.193	180.71	83.713	40.249	0.07843	26.338	0
"2012-07-25	23:00:00"	14.815	201	81.987	42.728	0.06932	26.373	0
"2012-07-26	00:00:00"	15.665	217.48	78.276	50.079	0.05617	26.341	0
"2012-07-26	01:00:00"	10.545	215.09	78.264	46.903	0.06571	26.329	0
"2012-07-26	02:00:00"	8.5302	252.23	78.104	47.736	0.06381	26.338	0
"2012-07-26	03:00:00"	5.2313	129.26	77.868	48.879	0.06995	26.37	0
"2012-07-26	04:00:00"	6.3821	181.92	79.227	46.492	0.05024	26.37	0
"2012-07-26	05:00:00"	7.2644	187.06	77.866	51.11	0.04261	26.358	0
"2012-07-26	06:00:00"	6.9892	190.96	75.844	56.736	0.06147	26.361	0
"2012-07-26	07:00:00"	5.286	114.76	74.512	61.753	0.0549	26.391	0
"2012-07-26	08:00:00"	5.0406	142.67	71.248	76.316	1.8224	26.415	0.05

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-26	09:00:00"	6.443	136.17	68.637	85.656	55.227	26.42	0
"2012-07-26	10:00:00"	6.2659	155.94	71.149	80.305	160.5	26.432	0
"2012-07-26	11:00:00"	7.2719	156.71	73.637	73.409	171.87	26.435	0
"2012-07-26	12:00:00"	4.5584	187.89	76.753	62.962	505.46	26.438	0
"2012-07-26	13:00:00"	5.0418	218.05	81.378	52.083	808.6	26.438	0
"2012-07-26	14:00:00"	7.3738	184.82	83.351	48.672	664.96	26.441	0
"2012-07-26	15:00:00"	7.7622	181.35	85.098	43.554	545.53	26.429	0
"2012-07-26	16:00:00"	7.5714	168.19	86.608	38.238	406.23	26.406	0
"2012-07-26	17:00:00"	6.6275	150.01	89.134	32.25	730.37	26.382	0
"2012-07-26	18:00:00"	6.9146	155.86	90.885	29.217	613.72	26.373	0
"2012-07-26	19:00:00"	9.4535	122.55	91.117	31.237	456.92	26.37	0
"2012-07-26	20:00:00"	17.654	114.5	85.231	43.037	126.99	26.409	0
"2012-07-26	21:00:00"	13.416	119.82	79.98	52.676	27.495	26.418	0
"2012-07-26	22:00:00"	7.9573	108.8	78.413	55.701	0.09306	26.432	0
"2012-07-26	23:00:00"	7.257	79.985	76.012	61.086	0.05872	26.459	0
"2012-07-27	00:00:00"	10.643	109.14	74.899	66.632	0.0619	26.488	0
"2012-07-27	01:00:00"	7.659	122.07	72.596	71.91	0.05109	26.483	0
"2012-07-27	02:00:00"	5.1617	85.626	70.629	76.597	0.06126	26.48	0
"2012-07-27	03:00:00"	4.5143	61.818	68.433	81.382	0.07059	26.483	0
"2012-07-27	04:00:00"	5.1369	103.78	68.71	82.686	0.05384	26.485	0
"2012-07-27	05:00:00"	5.3469	135.15	69.839	79.06	0.06147	26.491	0
"2012-07-27	06:00:00"	6.3883	174.91	70.028	79.619	0.07017	26.5	0
"2012-07-27	07:00:00"	9.1671	211.14	69.072	80.582	0.06317	26.512	0
"2012-07-27	08:00:00"	5.2462	274.1	69.086	80.17	4.9822	26.547	0
"2012-07-27	09:00:00"	6.6717	44.446	67.184	89.742	35.796	26.559	0.23
"2012-07-27	10:00:00"	1.7734	340.32	69.279	82.449	355.78	26.568	0.01
"2012-07-27	11:00:00"	2.8117	57.422	73.822	69.287	490.4	26.577	0
"2012-07-27	12:00:00"	6.1988	131.11	76.653	66.763	512.21	26.589	0
"2012-07-27	13:00:00"	7.0575	111.89	78.301	63.789	655.82	26.583	0
"2012-07-27	14:00:00"	7.0296	105.1	79.867	59.021	639.29	26.559	0
"2012-07-27	15:00:00"	6.6816	94.503	82.258	52.607	714.81	26.542	0
"2012-07-27	16:00:00"	8.4283	109.56	83.819	47.848	615.28	26.571	0
"2012-07-27	17:00:00"	10.935	228.07	70.324	84.609	161.54	26.559	0.11
"2012-07-27	18:00:00"	5.2208	200.01	75.446	69.26	449.35	26.53	0
"2012-07-27	19:00:00"	8.8017	171.05	80.211	53.785	438.97	26.521	0
"2012-07-27	20:00:00"	9.0739	161.31	80.382	55.872	214.15	26.533	0
"2012-07-27	21:00:00"	5.8079	174.99	77.914	65.332	45.326	26.536	0
"2012-07-27	22:00:00"	1.9492	194.68	74.818	75.946	0.092	26.55	0
"2012-07-27	23:00:00"	2.3177	151.57	73.845	78.79	0.07483	26.577	0
"2012-07-28	00:00:00"	3.5331	147.42	73.185	78.699	0.08161	26.589	0
"2012-07-28	01:00:00"	3.2274	144.99	72.253	81.513	0.04579	26.595	0
"2012-07-28	02:00:00"	5.4749	150.73	70.985	85.505	0.05533	26.601	0
"2012-07-28	03:00:00"	4.7746	140.4	71.377	86.011	0.06169	26.598	0
"2012-07-28	04:00:00"	4.1445	105.7	70.343	86.735	0.06041	26.595	0
"2012-07-28	05:00:00"	3.9693	69.543	68.96	90.151	0.0619	26.595	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-28	06:00:00"	4.4993	60.688	68.082	90.638	0.04642	26.601	0
"2012-07-28	07:00:00"	5.2543	61.592	68.181	89.872	0.28278	26.609	0
"2012-07-28	08:00:00"	5.6222	78.357	68.489	89.326	40.017	26.618	0
"2012-07-28	09:00:00"	8.798	145.93	71.534	80.513	197.6	26.636	0
"2012-07-28	10:00:00"	10.2	168.84	74.41	72.526	406.91	26.645	0
"2012-07-28	11:00:00"	9.9506	172.39	77.21	64.95	605.47	26.642	0
"2012-07-28	12:00:00"	9.7412	172.09	79.974	57.63	768.63	26.648	0
"2012-07-28	13:00:00"	9.5809	168.97	82.584	50.51	902.28	26.639	0
"2012-07-28	14:00:00"	9.8375	177.19	85.007	44.488	945.33	26.624	0
"2012-07-28	15:00:00"	11.456	166.08	87.103	38.133	957.33	26.607	0
"2012-07-28	16:00:00"	10.63	155.61	88.676	34.683	861.98	26.595	0
"2012-07-28	17:00:00"	10.004	151.38	90.035	31.369	752.16	26.577	0
"2012-07-28	18:00:00"	10.603	161.95	90.76	27.852	569.1	26.562	0
"2012-07-28	19:00:00"	11.545	151.41	90.915	24.624	413.39	26.547	0
"2012-07-28	20:00:00"	11.213	146.91	89.98	21.996	213.57	26.547	0
"2012-07-28	21:00:00"	8.2474	148.24	86.598	27.275	45.095	26.553	0
"2012-07-28	22:00:00"	5.8316	132.19	81.427	34.676	0.08416	26.571	0
"2012-07-28	23:00:00"	5.4637	126.17	78.991	39.23	0.05172	26.595	0
"2012-07-29	00:00:00"	5.1046	135.28	77.1	44.127	0.07525	26.604	0
"2012-07-29	01:00:00"	4.9511	154.49	75.287	48.886	0.06084	26.607	0
"2012-07-29	02:00:00"	5.4693	169.69	74.311	52.869	0.04621	26.607	0
"2012-07-29	03:00:00"	4.6354	169.08	72.28	59.088	0.05914	26.598	0
"2012-07-29	04:00:00"	5.0617	174.14	71.271	61.991	0.06105	26.592	0
"2012-07-29	05:00:00"	6.1137	177.93	71.015	64.064	0.06741	26.592	0
"2012-07-29	06:00:00"	5.7054	173.31	70.842	65.398	0.05088	26.589	0
"2012-07-29	07:00:00"	3.548	160.72	69.283	68.941	0.28872	26.601	0
"2012-07-29	08:00:00"	2.3177	180.68	70.08	67.413	51.948	26.609	0
"2012-07-29	09:00:00"	6.4859	181.34	74.991	57.964	222.12	26.621	0
"2012-07-29	10:00:00"	11.215	178.93	78.886	51.478	427.22	26.633	0
"2012-07-29	11:00:00"	10.814	186.76	82.064	46.653	622.95	26.633	0
"2012-07-29	12:00:00"	9.7866	187.57	84.366	42.675	787.81	26.627	0
"2012-07-29	13:00:00"	8.5501	178.34	86.119	39.317	904.68	26.609	0
"2012-07-29	14:00:00"	9.7505	173.4	88.821	34.144	961.41	26.589	0
"2012-07-29	15:00:00"	10.82	159.63	91.332	29.237	960.3	26.568	0
"2012-07-29	16:00:00"	10.757	170.53	92.933	25.953	893.47	26.547	0
"2012-07-29	17:00:00"	10.195	174.71	93.808	23.893	761.26	26.53	0
"2012-07-29	18:00:00"	9.8574	176.92	93.414	23.131	484.92	26.515	0
"2012-07-29	19:00:00"	8.263	187.62	93.771	21.991	415.34	26.497	0
"2012-07-29	20:00:00"	6.909	174.52	92.167	22.321	135.43	26.494	0
"2012-07-29	21:00:00"	6.9985	156.5	89.408	26.06	47.747	26.503	0
"2012-07-29	22:00:00"	5.3463	152.44	83.689	33.148	0.12655	26.515	0
"2012-07-29	23:00:00"	5.6737	144.47	80.905	36.296	0.05681	26.533	0
"2012-07-30	00:00:00"	6.0503	149.43	78.805	37.54	0.06359	26.533	0
"2012-07-30	01:00:00"	6.9867	165.73	77.62	40.397	0.07229	26.536	0
"2012-07-30	02:00:00"	5.1928	172.72	75.299	44.03	0.05172	26.53	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-07-30	03:00:00"	2.1785	182.51	73.202	47.446	0.06656	26.53	0
"2012-07-30	04:00:00"	3.1938	175.58	71.595	49.528	0.07207	26.536	0
"2012-07-30	05:00:00"	2.7806	185.11	71.917	46.946	0.0655	26.539	0
"2012-07-30	06:00:00"	3.7382	167.19	72.213	44.652	0.05554	26.545	0
"2012-07-30	07:00:00"	4.4944	158.02	70.709	46.119	0.2459	26.547	0
"2012-07-30	08:00:00"	3.3113	182.53	70.201	48.479	47.758	26.559	0
"2012-07-30	09:00:00"	5.6402	190.77	75.651	44.291	220.25	26.568	0
"2012-07-30	10:00:00"	10.517	184.71	81.486	39.018	431.94	26.571	0
"2012-07-30	11:00:00"	9.4082	199.14	85.461	32.783	630.9	26.574	0
"2012-07-30	12:00:00"	8.0555	180.73	88.82	25.9	796.72	26.571	0
"2012-07-30	13:00:00"	8.2182	151.7	90.902	20.711	917.32	26.559	0
"2012-07-30	14:00:00"	9.7506	173.38	92.191	19.986	973.13	26.545	0
"2012-07-30	15:00:00"	9.218	168.8	93.386	19.736	971.79	26.521	0
"2012-07-30	16:00:00"	10.712	164.77	94.065	19.933	907.29	26.497	0
"2012-07-30	17:00:00"	9.2379	169.92	94.56	19.609	783.49	26.483	0
"2012-07-30	18:00:00"	8.4003	183.51	94.718	19.336	617.27	26.471	0
"2012-07-30	19:00:00"	8.2692	169.96	94.498	19.994	420.23	26.462	0
"2012-07-30	20:00:00"	8.0262	159.82	93.348	20.415	210.95	26.465	0
"2012-07-30	21:00:00"	6.3082	154.32	89.856	23.484	45.12	26.474	0
"2012-07-30	22:00:00"	4.5155	140.29	84.279	28.87	0.07907	26.483	0
"2012-07-30	23:00:00"	5.5352	143.99	82.056	31.827	0.05617	26.503	0
"2012-07-31	00:00:00"	5.9552	158.67	79.626	36.445	0.05109	26.518	0
"2012-07-31	01:00:00"	5.5619	161.7	77.551	40.813	0.06105	26.521	0
"2012-07-31	02:00:00"	5.0225	160.82	76.208	43.543	0.05829	26.515	0
"2012-07-31	03:00:00"	2.4333	194.86	74.79	45.899	0.08352	26.515	0
"2012-07-31	04:00:00"	2.6756	185.14	74.511	45.788	0.05893	26.512	0
"2012-07-31	05:00:00"	2.1363	196.87	73.288	48.059	0.085	26.515	0
"2012-07-31	06:00:00"	4.0389	174.01	71.644	51.964	0.06911	26.515	0
"2012-07-31	07:00:00"	3.6344	196.06	71.591	53.321	0.13122	26.521	0
"2012-07-31	08:00:00"	1.6908	212.04	71.997	53.361	47.595	26.53	0
"2012-07-31	09:00:00"	6.5952	169.87	77.765	45.866	218.27	26.545	0
"2012-07-31	10:00:00"	8.7744	179.66	82.641	39.983	425.24	26.55	0
"2012-07-31	11:00:00"	6.9227	174.21	87.099	33.923	622.83	26.556	0
"2012-07-31	12:00:00"	7.9107	152.89	90.258	27.781	787.73	26.55	0
"2012-07-31	13:00:00"	10.051	154.41	92.55	24.018	906.51	26.542	0
"2012-07-31	14:00:00"	9.0061	172.1	93.824	21.062	967.23	26.527	0
"2012-07-31	15:00:00"	9.451	156.1	94.986	19.952	963.33	26.512	0
"2012-07-31	16:00:00"	8.1841	161.44	95.825	19.637	896	26.491	0
"2012-07-31	17:00:00"	8.3177	146.14	96.638	18.525	779.04	26.474	0
"2012-07-31	18:00:00"	7.9964	158.63	97.2	18.018	611.94	26.453	0
"2012-07-31	19:00:00"	8.2872	157.78	96.99	17.999	416.53	26.45	0
"2012-07-31	20:00:00"	8.2071	145.34	96.018	18.142	210.24	26.45	0
"2012-07-31	21:00:00"	6.2435	148.42	92.728	20.623	43.951	26.459	0
"2012-07-31	22:00:00"	4.9349	125.38	87.257	25.956	0.06699	26.477	0
"2012-07-31	23:00:00"	5.7278	119.65	84.301	28.556	0.05533	26.494	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-01	00:00:00"	6.9426	126.39	82.372	30.351	0.05193	26.503	0
"2012-08-01	01:00:00"	5.8993	138.42	80.311	34.292	0.05766	26.512	0
"2012-08-01	02:00:00"	5.6464	165.33	78.365	38.231	0.05766	26.509	0
"2012-08-01	03:00:00"	5.227	175.27	76.38	42.013	0.06444	26.506	0
"2012-08-01	04:00:00"	5.2655	170.72	75.347	43.951	0.06232	26.503	0
"2012-08-01	05:00:00"	4.124	170.24	73.905	46.092	0.05363	26.497	0
"2012-08-01	06:00:00"	2.611	208.71	73.174	47.482	0.05045	26.506	0
"2012-08-01	07:00:00"	2.5656	209.24	73.265	47.761	0.16365	26.509	0
"2012-08-01	08:00:00"	4.2638	183.57	73.09	50.597	48.408	26.515	0
"2012-08-01	09:00:00"	7.8933	181.78	78.596	43.321	219.37	26.524	0
"2012-08-01	10:00:00"	11.397	174.65	83.835	36.991	387.73	26.524	0
"2012-08-01	11:00:00"	9.9587	171.23	88.915	30.764	615.12	26.521	0
"2012-08-01	12:00:00"	10.003	171.09	92.754	24.941	773.11	26.515	0
"2012-08-01	13:00:00"	8.2015	150.76	94.533	22.129	852.73	26.503	0
"2012-08-01	14:00:00"	6.3051	164.44	96.103	20.551	935.6	26.485	0.04
"2012-08-01	15:00:00"	4.6553	75.323	97.931	19.136	719.7	26.506	0.55
"2012-08-01	16:00:00"	5.217	74.674	99.514	17.507	864.75	26.488	0
"2012-08-01	17:00:00"	4.7218	176.32	100.37	16.694	680.79	26.471	0
"2012-08-01	18:00:00"	4.6491	196.4	100.6	16.432	587.42	26.456	0
"2012-08-01	19:00:00"	4.7709	152.97	100.25	16.412	389.02	26.441	0
"2012-08-01	20:00:00"	4.6019	117.16	98.89	16.578	125.58	26.435	0
"2012-08-01	21:00:00"	5.0996	124.11	95.259	17.489	25.345	26.441	0
"2012-08-01	22:00:00"	4.0433	115.57	89.153	20.582	0.06826	26.459	0
"2012-08-01	23:00:00"	3.7413	119.42	85.096	23.726	0.05384	26.474	0
"2012-08-02	00:00:00"	3.3448	132.86	82.18	26.949	0.06063	26.477	0
"2012-08-02	01:00:00"	3.6767	161.04	79.847	29.85	0.05236	26.48	0
"2012-08-02	02:00:00"	4.1309	168.92	79.81	29.673	0.07186	26.477	0
"2012-08-02	03:00:00"	2.6613	157.2	76.793	32.773	0.07271	26.48	0
"2012-08-02	04:00:00"	2.3333	152.31	74.744	35.18	0.07271	26.465	0
"2012-08-02	05:00:00"	1.4702	152.73	72.824	37.925	0.0496	26.459	0
"2012-08-02	06:00:00"	1.2931	84.52	71.307	40.005	0.06593	26.453	0
"2012-08-02	07:00:00"	1.9629	122.15	71.784	41.215	0.53822	26.453	0
"2012-08-02	08:00:00"	1.198	113.21	72.296	43.019	58.139	26.462	0
"2012-08-02	09:00:00"	4.6174	170.82	77.902	37.705	233.87	26.474	0
"2012-08-02	10:00:00"	7.0277	175.9	83.832	31.872	482.16	26.48	0
"2012-08-02	11:00:00"	6.105	196.06	86.941	29.683	534.38	26.48	0
"2012-08-02	12:00:00"	4.5211	173.28	90.505	25.86	671.11	26.435	0
"2012-08-02	13:00:00"	4.9287	181.24	93.511	23.563	902.11	26.42	0
"2012-08-02	14:00:00"	5.8011	187.48	96.427	21.256	959.26	26.4	0
"2012-08-02	15:00:00"	6.3572	195.51	99.244	19.147	954.72	26.382	0
"2012-08-02	16:00:00"	6.0509	199.42	101.49	16.263	894.86	26.361	0
"2012-08-02	17:00:00"	5.821	245.83	102.87	14.74	758.1	26.344	0
"2012-08-02	18:00:00"	5.9937	99.979	102.46	14.668	613.28	26.323	0
"2012-08-02	19:00:00"	8.5289	112.32	102.79	14.635	417.15	26.311	0
"2012-08-02	20:00:00"	6.9413	124.84	101.52	14.808	181.63	26.308	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-02	21:00:00"	6.845	137.39	97.937	16.61	32.24	26.32	0
"2012-08-02	22:00:00"	8.1027	146.01	93.12	18.66	0.07313	26.335	0
"2012-08-02	23:00:00"	9.8991	148.73	90.017	21.714	0.07589	26.353	0
"2012-08-03	00:00:00"	9.4622	166.83	87.442	25.527	0.06147	26.361	0
"2012-08-03	01:00:00"	10.079	177.36	85.507	26.758	0.04664	26.37	0
"2012-08-03	02:00:00"	9.3771	180.72	83.338	27.806	0.046	26.376	0
"2012-08-03	03:00:00"	7.4931	182.24	80.865	31.114	0.06593	26.376	0
"2012-08-03	04:00:00"	6.8494	169.81	78.558	35.772	0.05914	26.364	0
"2012-08-03	05:00:00"	7.7	176.98	78.612	37.724	0.06932	26.356	0
"2012-08-03	06:00:00"	4.902	178.31	76.409	41.313	0.04558	26.353	0
"2012-08-03	07:00:00"	4.1209	207	73.977	45.285	0.14181	26.353	0
"2012-08-03	08:00:00"	7.3409	180.98	75.982	44.541	49.254	26.356	0
"2012-08-03	09:00:00"	9.8742	178.21	79.113	41.105	216.27	26.376	0
"2012-08-03	10:00:00"	10.681	165.95	82.461	37.026	422.28	26.382	0
"2012-08-03	11:00:00"	7.0718	158.43	86.092	32.904	620.81	26.397	0
"2012-08-03	12:00:00"	5.9328	128.89	89.897	28.295	788.92	26.394	0
"2012-08-03	13:00:00"	8.5103	135.63	93.716	24.836	905.73	26.379	0
"2012-08-03	14:00:00"	10.515	146.65	97.199	21.174	965.8	26.367	0
"2012-08-03	15:00:00"	11.15	158.58	100.09	17.442	963.09	26.344	0
"2012-08-03	16:00:00"	10.509	149.63	101.4	14.101	903.79	26.32	0
"2012-08-03	17:00:00"	11.178	162.41	102.55	11.791	781.38	26.311	0
"2012-08-03	18:00:00"	11.566	158.5	102.84	10.485	616.34	26.299	0
"2012-08-03	19:00:00"	11.036	165.22	102.2	11.876	418.31	26.294	0
"2012-08-03	20:00:00"	13.289	157.9	99.781	16.517	208.67	26.294	0
"2012-08-03	21:00:00"	11.859	153.09	96.18	18.923	36.029	26.308	0
"2012-08-03	22:00:00"	10.56	155.43	92.204	20.644	0.06402	26.332	0
"2012-08-03	23:00:00"	10.573	164.45	89.152	23.616	0.06211	26.356	0
"2012-08-04	00:00:00"	12.774	168.13	87.096	30.307	0.04833	26.364	0
"2012-08-04	00:00:00"	10.961	177	86.36	32	0	26.364	0
"2012-08-04	01:00:00"	13.473	171.1	85.331	32.96	0.05405	26.37	0
"2012-08-04	02:00:00"	13.517	172.32	83.638	37.138	0.06974	26.376	0
"2012-08-04	03:00:00"	12.536	173.37	82.143	39.494	0.07462	26.376	0
"2012-08-04	04:00:00"	11.624	172.6	80.913	39.674	0.05787	26.382	0
"2012-08-04	05:00:00"	10.563	173.46	79.608	39.928	0.06232	26.385	0
"2012-08-04	06:00:00"	8.688	157.21	78.168	41.499	0.04791	26.412	0
"2012-08-04	07:00:00"	6.128	99.39	76.697	44.447	0.09624	26.406	0
"2012-08-04	08:00:00"	6.3001	102.49	75.371	49.016	43.516	26.42	0
"2012-08-04	09:00:00"	7.5683	127.2	77.365	54.349	210.98	26.444	0
"2012-08-04	10:00:00"	10.199	154.04	80.205	52.871	419.63	26.45	0
"2012-08-04	11:00:00"	9.1441	163.16	84.975	43.889	618.41	26.45	0
"2012-08-04	12:00:00"	10.721	159.13	89.291	36.596	782.74	26.45	0
"2012-08-04	13:00:00"	11.156	159.9	92.847	30.864	898.83	26.444	0
"2012-08-04	14:00:00"	11.129	147.81	95.945	25.558	956.19	26.435	0
"2012-08-04	15:00:00"	11.031	157.24	97.766	22.663	954.54	26.42	0
"2012-08-04	16:00:00"	11.376	148.33	99.634	17.518	897.23	26.409	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-04	17:00:00"	12.251	148.58	100.28	14.809	776.98	26.409	0
"2012-08-04	18:00:00"	12.49	152.35	99.602	15.322	606.83	26.409	0
"2012-08-04	19:00:00"	12.783	137.72	98.548	16.297	404.9	26.412	0
"2012-08-04	20:00:00"	12.281	131.3	96.664	17.471	198.2	26.426	0
"2012-08-04	21:00:00"	11.687	128.56	93.193	22.653	32.351	26.441	0
"2012-08-04	22:00:00"	10.762	136.03	89.378	27.404	0.07165	26.465	0
"2012-08-04	23:00:00"	9.1341	144.29	86.251	31.064	0.06338	26.488	0
"2012-08-05	00:00:00"	8.4985	152.23	83.76	34.041	0.0566	26.518	0
"2012-08-05	01:00:00"	4.4434	170.82	79.752	39.469	0.04876	26.545	0
"2012-08-05	02:00:00"	2.3333	197.84	77.422	42.369	0.05935	0.02628	0
"2012-08-05	03:00:00"	1.6653	162.53	75.357	45.453	0.06593	0	0
"2012-08-05	04:00:00"	1.9319	34.017	74.88	46.844	0.06105	26.58	0
"2012-08-05	05:00:00"	5.6408	5.5822	72.618	50.382	0.06169	26.595	0
"2012-08-05	06:00:00"	4.9958	13.33	72.693	52.163	0.0744	26.601	0
"2012-08-05	07:00:00"	6.7276	20.281	71.183	55.543	0.08755	26.621	0
"2012-08-05	08:00:00"	8.6756	32.075	70.369	59.263	37.018	26.639	0
"2012-08-05	09:00:00"	10.776	47.415	73.662	54.014	198.17	26.657	0
"2012-08-05	10:00:00"	10.118	66.234	78.135	46.241	406.84	26.66	0
"2012-08-05	11:00:00"	8.5855	68.433	82.504	40.434	603.44	26.672	0
"2012-08-05	12:00:00"	9.1863	56.781	84.978	37.529	765.73	26.666	0
"2012-08-05	13:00:00"	10.205	70.39	87.362	34.805	869.81	26.654	0
"2012-08-05	14:00:00"	10.992	90.148	89.27	31.883	889.05	26.639	0
"2012-08-05	15:00:00"	11.566	89.701	91.029	29.651	932.56	26.618	0
"2012-08-05	16:00:00"	11.8	97.853	92.244	27.369	759.78	26.598	0
"2012-08-05	17:00:00"	10.894	94.23	92.842	26.727	619.74	26.586	0
"2012-08-05	18:00:00"	10.842	116.73	93.133	26.546	457	26.568	0
"2012-08-05	19:00:00"	10.876	109.42	92.64	27.264	258.3	26.565	0
"2012-08-05	20:00:00"	10.479	114.47	91.256	28.346	68.516	26.571	0
"2012-08-05	21:00:00"	8.3531	99.125	89.604	29.936	11.979	26.577	0
"2012-08-05	22:00:00"	7.1874	107.39	87.066	33.835	0.06381	26.601	0
"2012-08-05	23:00:00"	7.6174	66.435	83.343	43.252	0.06571	26.612	0
"2012-08-06	00:00:00"	3.955	71.15	80.89	46.381	0.0496	26.624	0
"2012-08-06	01:00:00"	4.651	70.629	79.609	46.785	0.05405	26.63	0
"2012-08-06	02:00:00"	5.4159	85.985	77.824	49.256	0.05999	26.624	0
"2012-08-06	03:00:00"	5.9328	131.76	77.895	44.517	0.04833	26.633	0
"2012-08-06	04:00:00"	4.344	156.43	75.496	47.773	0.05766	26.633	0
"2012-08-06	05:00:00"	3.9911	170.03	73.779	51.312	0.05639	26.624	0
"2012-08-06	06:00:00"	4.9461	180.58	72.47	54.471	0.05935	26.63	0
"2012-08-06	07:00:00"	3.2262	191.81	70.725	59.243	0.09391	26.639	0
"2012-08-06	08:00:00"	1.8647	220.56	69.901	62.538	39.584	26.654	0
"2012-08-06	09:00:00"	6.2721	194.71	74.485	58.582	204.59	26.669	0
"2012-08-06	10:00:00"	6.2031	208.55	79.442	50.489	413.94	26.66	0
"2012-08-06	11:00:00"	4.8119	251.97	84.19	39.859	613.76	26.657	0
"2012-08-06	12:00:00"	4.3421	204.59	87.898	32.681	775.21	26.648	0
"2012-08-06	13:00:00"	6.4113	133.66	89.989	28.365	892.75	26.63	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-06	14:00:00"	7.334	148.51	91.374	26.799	952.29	26.609	0
"2012-08-06	15:00:00"	8.3543	153.51	93.46	25.463	949.92	26.58	0
"2012-08-06	16:00:00"	7.5745	145.47	95.342	22.844	897.59	26.559	0
"2012-08-06	17:00:00"	7.6478	113.09	95.742	21.09	572.73	26.536	0
"2012-08-06	18:00:00"	8.7048	126.34	96.468	19.712	554.59	26.524	0
"2012-08-06	19:00:00"	8.0244	131.73	95.075	20.416	213.44	26.509	0
"2012-08-06	20:00:00"	8.2686	149.38	94.927	20.608	190.79	26.512	0
"2012-08-06	21:00:00"	6.5766	138.28	91.979	22.449	29.801	26.518	0
"2012-08-06	22:00:00"	4.0489	135.38	86.778	26.566	0.05194	26.527	0
"2012-08-06	23:00:00"	5.1394	137.27	84.646	28.314	0.05914	26.539	0
"2012-08-07	00:00:00"	5.0455	143.91	82.039	31.676	0.05321	26.539	0
"2012-08-07	01:00:00"	5.5793	144.94	80.248	33.385	0.06232	26.527	0
"2012-08-07	02:00:00"	5.7446	160.25	78.536	36.265	0.05978	26.53	0
"2012-08-07	03:00:00"	4.0737	172.04	76.924	39.535	0.06487	26.527	0
"2012-08-07	04:00:00"	2.4575	211.26	74.521	43.249	0.0549	26.524	0
"2012-08-07	05:00:00"	4.5199	174.64	73.228	47.055	0.06995	26.524	0
"2012-08-07	06:00:00"	5.3475	182.86	73.14	49.937	0.05511	26.524	0
"2012-08-07	07:00:00"	3.9383	195.64	71.418	53.227	0.07886	26.53	0
"2012-08-07	08:00:00"	3.3647	206.9	71.797	53.688	37.224	26.539	0
"2012-08-07	09:00:00"	5.0847	205.36	75.222	49.439	177.8	26.553	0
"2012-08-07	10:00:00"	7.5254	217.5	83.52	38.313	443.9	26.559	0
"2012-08-07	11:00:00"	9.6673	209.29	88.313	32.384	708.36	26.559	0
"2012-08-07	12:00:00"	7.1569	218	89.984	29.578	753.54	26.559	0
"2012-08-07	13:00:00"	6.8034	219.53	92.953	25.425	954.52	26.542	0
"2012-08-07	14:00:00"	7.746	156.76	94.44	22.609	925	26.53	0
"2012-08-07	15:00:00"	8.7619	121.04	95.475	20.822	959.68	26.509	0
"2012-08-07	16:00:00"	8.6451	145.66	96.701	20.995	839.63	26.485	0
"2012-08-07	17:00:00"	8.3953	133.15	97.477	20.273	812.69	26.465	0
"2012-08-07	18:00:00"	9.0061	153.4	97.656	19.413	608.07	26.45	0
"2012-08-07	19:00:00"	9.6468	143.26	97.151	19.981	399.12	26.444	0
"2012-08-07	20:00:00"	7.0557	160.87	94.831	21.722	82.919	26.441	0
"2012-08-07	21:00:00"	6.4672	153.07	93.304	22.684	20.244	26.45	0
"2012-08-07	22:00:00"	5.9372	135.55	90.487	24.837	0.04748	26.465	0
"2012-08-07	23:00:00"	5.5246	138.59	88.087	26.211	0.04876	26.48	0
"2012-08-08	00:00:00"	6.2454	128.27	85.094	28.133	0.06677	26.48	0
"2012-08-08	01:00:00"	6.1422	144.25	83.45	29.297	0.05702	26.485	0
"2012-08-08	02:00:00"	5.473	142.65	81.669	30.246	0.06232	26.485	0
"2012-08-08	03:00:00"	4.6659	144.68	79.528	31.905	0.04812	26.488	0
"2012-08-08	04:00:00"	5.3941	159.82	77.676	33.986	0.0566	26.491	0
"2012-08-08	05:00:00"	8.3531	163.07	78.588	34.974	0.06614	26.5	0
"2012-08-08	06:00:00"	11.789	72.289	79.996	38.842	0.05935	26.539	0
"2012-08-08	07:00:00"	11.188	91.547	74.431	57.253	0.0672	26.547	0
"2012-08-08	08:00:00"	6.5555	109.09	73.906	59.428	6.9875	26.553	0
"2012-08-08	09:00:00"	6.1696	132.98	76.356	53.978	89.064	26.577	0
"2012-08-08	10:00:00"	11.969	57.977	76.01	59.818	85.133	26.618	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-08	11:00:00"	11.772	18.903	72.878	72.285	146.14	26.618	0
"2012-08-08	12:00:00"	7.4105	47.892	74.512	68.133	149.86	26.604	0
"2012-08-08	13:00:00"	5.3749	72.523	75.802	68.389	162.26	26.583	0
"2012-08-08	14:00:00"	3.5207	129.2	78.605	56.421	243.17	26.568	0
"2012-08-08	15:00:00"	4.9865	251.08	81.56	48.625	285.91	26.559	0
"2012-08-08	16:00:00"	2.7371	302.91	83.746	41.223	342.77	26.539	0
"2012-08-08	17:00:00"	4.0402	289.21	88.321	30.219	684.98	26.512	0
"2012-08-08	18:00:00"	5.2245	322.14	91.538	25.565	578.91	26.494	0
"2012-08-08	19:00:00"	3.8221	83.257	91.897	25.227	313.87	26.488	0
"2012-08-08	20:00:00"	4.0066	98.307	91.718	25.006	163.03	26.485	0
"2012-08-08	21:00:00"	5.3848	112.68	88.961	28.166	15.761	26.494	0
"2012-08-08	22:00:00"	8.0523	112.1	84.972	33.973	0.06381	26.512	0
"2012-08-08	23:00:00"	7.5801	164.14	80.36	44.296	0.06911	26.539	0
"2012-08-09	00:00:00"	2.6303	176.83	77.102	50.107	0.06656	26.55	0
"2012-08-09	01:00:00"	3.7748	194.56	75.358	53.168	0.0496	26.553	0
"2012-08-09	02:00:00"	1.7423	242.24	73.641	57.052	0.0761	26.553	0
"2012-08-09	03:00:00"	0.9041	11.847	72.52	60	0.06317	26.556	0
"2012-08-09	04:00:00"	1.9499	298.28	72.895	59.402	0.05575	26.553	0
"2012-08-09	05:00:00"	2.9559	356.19	70.994	61.7	0.05575	26.547	0
"2012-08-09	06:00:00"	3.2144	3.8245	68.813	65.723	0.04261	26.545	0
"2012-08-09	07:00:00"	4.0147	68.507	66.763	68.9	0.07822	26.553	0
"2012-08-09	08:00:00"	4.4652	27.975	65.881	71.759	39.309	26.565	0
"2012-08-09	09:00:00"	4.3844	21.579	73.486	59.511	204.18	26.574	0
"2012-08-09	10:00:00"	2.4532	326.25	80.393	45.024	413.17	26.574	0
"2012-08-09	11:00:00"	3.3803	291.45	85.093	37.482	611.66	26.577	0
"2012-08-09	12:00:00"	5.7763	67.285	87.88	31.961	776.06	26.577	0
"2012-08-09	13:00:00"	7.4098	65.422	89.681	29.226	900.17	26.565	0
"2012-08-09	14:00:00"	7.9368	57.602	92.026	24.704	870.97	26.547	0
"2012-08-09	15:00:00"	10.143	68.025	93.844	18.641	821.07	26.527	0
"2012-08-09	16:00:00"	9.873	82.864	94.942	18.36	903.65	26.506	0
"2012-08-09	17:00:00"	10.264	81.582	95.377	18.159	685.1	26.483	0
"2012-08-09	18:00:00"	12.117	71.677	95.582	17.556	560.6	26.474	0
"2012-08-09	19:00:00"	11.431	90.559	95.211	18.068	375	26.468	0
"2012-08-09	20:00:00"	11.237	73.995	94.553	16.64	166.13	26.474	0
"2012-08-09	21:00:00"	7.9554	74.52	91.29	18.124	20.948	26.48	0
"2012-08-09	22:00:00"	4.7243	65.247	84.495	22.431	0.05193	26.491	0
"2012-08-09	23:00:00"	5.1257	45.737	80.572	25.794	0.05469	26.503	0
"2012-08-10	00:00:00"	5.6737	88.571	79.651	28.264	0.04791	26.515	0
"2012-08-10	01:00:00"	3.054	247.55	78.67	37.964	0.05427	26.524	0
"2012-08-10	02:00:00"	3.3535	254.13	76.117	44.954	0.06126	26.515	0
"2012-08-10	03:00:00"	2.4886	276.6	74.341	48.798	0.04706	26.509	0
"2012-08-10	04:00:00"	2.5775	262.64	72.219	52.239	0.05193	26.509	0
"2012-08-10	05:00:00"	3.141	287.5	71.968	54.028	0.07123	26.5	0
"2012-08-10	06:00:00"	4.0321	307.24	73.083	54.228	0.05893	26.512	0
"2012-08-10	07:00:00"	6.6151	25.474	70.121	57.209	0.07737	26.536	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-10	08:00:00"	6.2584	35.223	68.786	60.009	35.973	26.547	0
"2012-08-10	09:00:00"	8.839	37.555	74.82	46.7	197.71	26.562	0
"2012-08-10	10:00:00"	10.638	63.166	79.931	37.15	404.49	26.568	0
"2012-08-10	11:00:00"	10.834	78.887	84.005	33.012	602.58	26.571	0
"2012-08-10	12:00:00"	8.9925	74.344	87.087	29.939	766.29	26.568	0
"2012-08-10	13:00:00"	6.1472	102.76	90.208	26.478	882.68	26.556	0
"2012-08-10	14:00:00"	6.1304	79.128	92.42	23.015	943.68	26.542	0
"2012-08-10	15:00:00"	7.4254	80.456	94.188	19.672	942.36	26.518	0
"2012-08-10	16:00:00"	9.415	93.749	95.912	17.587	876.71	26.503	0
"2012-08-10	17:00:00"	9.4821	77.181	96.215	17.725	692.79	26.485	0
"2012-08-10	18:00:00"	11.224	94.96	96.073	17.889	527.9	26.468	0
"2012-08-10	19:00:00"	11.37	98.455	95.834	17.402	383.47	26.459	0
"2012-08-10	20:00:00"	10.758	96.308	94.301	17.352	181.53	26.459	0
"2012-08-10	21:00:00"	8.309	96.782	90.838	19.239	27.96	26.474	0
"2012-08-10	22:00:00"	4.5298	77.645	84.15	23.923	0.04261	26.488	0
"2012-08-10	23:00:00"	4.9424	77.149	80.134	28.316	0.04918	26.506	0
"2012-08-11	00:00:00"	5.6942	70.324	77.25	31.819	0.05427	26.515	0
"2012-08-11	01:00:00"	6.0932	75.6	74.929	35.007	0.04515	26.509	0
"2012-08-11	02:00:00"	5.3842	75.188	72.902	36.634	0.05702	26.5	0
"2012-08-11	03:00:00"	6.8233	100.27	73.86	34.557	0.06105	26.503	0
"2012-08-11	04:00:00"	6.0702	103.9	72.717	34.354	0.06211	26.497	0
"2012-08-11	05:00:00"	5.5613	70.015	68.991	38.067	0.05384	26.497	0
"2012-08-11	06:00:00"	6.4685	54.846	66.529	40.584	0.05193	26.497	0
"2012-08-11	07:00:00"	7.5677	42.017	65.312	42.325	0.05723	26.5	0
"2012-08-11	08:00:00"	7.8864	43.986	64.755	43.974	17.667	26.521	0
"2012-08-11	09:00:00"	7.1855	64.212	69.818	36.83	178.54	26.536	0
"2012-08-11	10:00:00"	8.4724	94.079	77.533	32.314	385.25	26.542	0
"2012-08-11	11:00:00"	6.5443	140.14	83.1	30.425	585.81	26.539	0
"2012-08-11	12:00:00"	4.4211	164.62	87.434	26.542	752.5	26.53	0
"2012-08-11	13:00:00"	4.5478	167.28	91.011	23.061	869.21	26.515	0
"2012-08-11	14:00:00"	4.9946	191.58	93.815	19.315	926.91	26.491	0
"2012-08-11	15:00:00"	5.3898	217.27	96.129	16.874	923.38	26.474	0
"2012-08-11	16:00:00"	6.8867	172.91	97.464	16.387	852.32	26.45	0
"2012-08-11	17:00:00"	6.4977	147.86	98.381	15.928	720.27	26.438	0
"2012-08-11	18:00:00"	7.4552	190.8	98.953	15.856	573.51	26.426	0
"2012-08-11	19:00:00"	7.4509	195.97	98.764	16.144	373.86	26.418	0
"2012-08-11	20:00:00"	8.5215	201.34	97.23	16.726	163.66	26.418	0
"2012-08-11	21:00:00"	5.4681	196.85	93.376	18.825	22.368	26.426	0
"2012-08-11	22:00:00"	4.8411	167.65	87.425	23.437	0.04303	26.441	0
"2012-08-11	23:00:00"	4.9772	159.14	84.467	26.07	0.04218	26.453	0
"2012-08-12	00:00:00"	7.4459	174.16	83.593	28.246	0.04324	26.45	0
"2012-08-12	01:00:00"	6.0812	175.85	80.864	30.957	0.04883	26.45	0
"2012-08-12	02:00:00"	4.8125	181.93	78.17	34.141	0.04028	26.45	0
"2012-08-12	03:00:00"	4.2166	197.18	75.954	36.623	0.05088	26.441	0
"2012-08-12	04:00:00"	3.2914	253.14	74.559	38.123	0.04473	26.45	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-12	05:00:00"	2.826	235.34	73.662	39.074	0.07144	26.453	0
"2012-08-12	06:00:00"	4.2893	191.95	72.952	40.027	0.03519	26.453	0
"2012-08-12	07:00:00"	1.9294	231.13	72.675	40.858	0.06465	26.465	0
"2012-08-12	08:00:00"	2.3718	274.47	72.432	41.696	33.398	26.474	0
"2012-08-12	09:00:00"	2.8092	251.09	75.515	38.809	184.36	26.483	0
"2012-08-12	10:00:00"	6.3181	244.96	82.851	31.542	389.75	26.485	0
"2012-08-12	11:00:00"	9.1373	232.24	89.469	24.799	589.42	26.483	0
"2012-08-12	12:00:00"	10.152	228.67	95.351	19.284	753.07	26.474	0
"2012-08-12	13:00:00"	9.6884	248.21	98.579	17.071	869.2	26.459	0
"2012-08-12	14:00:00"	7.0283	280.56	100.23	14.998	928.68	26.441	0
"2012-08-12	15:00:00"	6.5741	276.03	101.19	13.711	609.01	26.426	0
"2012-08-12	16:00:00"	4.4882	143.63	100.82	13.34	382.18	26.403	0
"2012-08-12	17:00:00"	8.0952	142.5	100.37	14.085	226.46	26.397	0
"2012-08-12	18:00:00"	11.443	177.06	92.475	24.678	166.57	26.406	0.01
"2012-08-12	19:00:00"	5.7464	166.83	94.711	20.239	201.81	26.403	0
"2012-08-12	20:00:00"	3.0659	109.64	92.503	20.926	31.466	26.423	0
"2012-08-12	21:00:00"	7.5155	343.83	91.352	21.291	9.3818	26.435	0
"2012-08-12	22:00:00"	5.7558	19.434	87.409	25.459	0.06826	26.45	0
"2012-08-12	23:00:00"	10.685	59.829	86.68	29.697	0.0513	26.483	0
"2012-08-13	00:00:00"	7.6888	56.746	83.538	33.435	0.05957	26.512	0
"2012-08-13	01:00:00"	6.8978	52.819	81.619	35.491	0.07101	26.533	0
"2012-08-13	02:00:00"	7.2234	71.714	79.342	37.745	0.04197	26.53	0
"2012-08-13	03:00:00"	9.5691	43.981	78.675	41.981	0.04854	26.586	0
"2012-08-13	04:00:00"	19.952	6.5871	69.007	72.046	0.05257	26.609	0.13
"2012-08-13	05:00:00"	19.906	27.57	66.522	79.42	0.06423	26.609	0.13
"2012-08-13	06:00:00"	13.754	53.59	66.992	78.927	0.07822	26.607	0
"2012-08-13	07:00:00"	10.855	44.706	67.963	77.627	0.06296	26.645	0.08
"2012-08-13	08:00:00"	13.629	56.806	66.471	86.361	4.0454	26.621	0
"2012-08-13	09:00:00"	10.985	93.505	67.6	83.021	22.902	26.639	0
"2012-08-13	10:00:00"	10.312	109	68.894	80.474	76.01	26.621	0
"2012-08-13	11:00:00"	8.1238	113.74	70.909	76.28	142.24	26.618	0
"2012-08-13	12:00:00"	4.6168	124.45	74.756	63.983	213.6	26.604	0
"2012-08-13	13:00:00"	2.3426	97.653	78.757	50.338	338.92	26.592	0
"2012-08-13	14:00:00"	4.2583	320.42	82.719	42.316	554.64	26.577	0
"2012-08-13	15:00:00"	4.572	350.98	84.33	39.558	373.37	26.565	0
"2012-08-13	16:00:00"	8.4463	88.827	85.841	39.369	776.31	26.55	0
"2012-08-13	17:00:00"	9.6834	100.25	85.764	39.919	507.93	26.539	0
"2012-08-13	18:00:00"	10.763	147.7	86.891	33.516	493.8	26.521	0
"2012-08-13	19:00:00"	9.287	143.38	87.16	30.226	368.54	26.503	0
"2012-08-13	20:00:00"	7.6528	127.44	86.403	33.396	167.63	26.5	0
"2012-08-13	21:00:00"	5.012	103.02	82.822	41.368	16.872	26.503	0
"2012-08-13	22:00:00"	5.4072	115.04	79.271	44.592	0.04282	26.518	0
"2012-08-13	23:00:00"	4.4646	90.249	77.256	48.081	0.06465	26.533	0
"2012-08-14	00:00:00"	5.0288	76.737	74.726	55.179	0.03773	26.533	0
"2012-08-14	01:00:00"	5.542	87.917	74.046	59.76	0.04982	26.524	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-14	02:00:00"	5.3183	112.38	74.418	59.223	0.0619	26.518	0
"2012-08-14	03:00:00"	5.8092	126.63	73.805	60.39	0.08055	26.5	0
"2012-08-14	04:00:00"	5.0443	143.82	73.184	60.055	0.06147	26.5	0
"2012-08-14	05:00:00"	4.0333	154.7	72.179	62.119	0.03943	26.494	0
"2012-08-14	06:00:00"	5.1189	159.49	71.951	63.015	0.06444	26.491	0
"2012-08-14	07:00:00"	4.6348	155.53	71.921	63.232	0.0867	26.494	0
"2012-08-14	08:00:00"	6.1429	153.71	72.129	63.691	29.973	26.497	0
"2012-08-14	09:00:00"	4.8057	167.31	75.125	59.512	182.71	26.503	0
"2012-08-14	10:00:00"	8.7414	181.84	79.91	50.428	395.81	26.497	0
"2012-08-14	11:00:00"	9.3199	191.29	84.728	40.936	581.91	26.494	0
"2012-08-14	12:00:00"	11.659	201.25	88.379	32.377	745.54	26.491	0
"2012-08-14	13:00:00"	11.537	201.99	90.404	30.032	856.15	26.468	0
"2012-08-14	14:00:00"	12.385	191.18	92.532	26.322	914.22	26.441	0
"2012-08-14	15:00:00"	10.971	195.06	94.537	23.198	915.17	26.418	0
"2012-08-14	16:00:00"	10.14	215.27	96.084	21.78	899.73	26.391	0
"2012-08-14	17:00:00"	10.103	201.84	96.644	20.611	742.32	26.37	0
"2012-08-14	18:00:00"	10.334	184.87	96.606	19.711	568.18	26.35	0
"2012-08-14	19:00:00"	9.7729	194.71	96.112	19.549	288.71	26.344	0
"2012-08-14	20:00:00"	7.8989	189.02	94.298	20.507	73.797	26.338	0
"2012-08-14	21:00:00"	6.4585	167.21	89.75	24.162	5.2738	26.338	0
"2012-08-14	22:00:00"	6.6387	156.56	86.182	28.827	0.06953	26.353	0
"2012-08-14	23:00:00"	7.2191	157.35	83.99	34.075	0.06593	26.37	0
"2012-08-15	00:00:00"	10.71	173.01	83.451	35.618	0.05851	26.376	0
"2012-08-15	01:00:00"	10.604	178.6	81.431	39.961	0.04473	26.37	0
"2012-08-15	02:00:00"	9.0751	182.52	79.798	42.264	0.05554	26.379	0
"2012-08-15	03:00:00"	5.4799	209.39	78.072	44.282	0.05045	26.391	0
"2012-08-15	04:00:00"	5.2841	254.96	76.279	47.695	0.06359	26.397	0
"2012-08-15	05:00:00"	5.0704	84.593	75.124	50.513	0.04854	26.391	0
"2012-08-15	06:00:00"	4.7355	88.237	72.67	55.017	0.03922	26.379	0
"2012-08-15	07:00:00"	4.5161	90.907	70.826	58.988	0.06677	26.379	0
"2012-08-15	08:00:00"	8.6638	135.82	72.271	55.706	29.956	26.37	0
"2012-08-15	09:00:00"	10.189	155.78	75.121	49.536	136.59	26.382	0
"2012-08-15	10:00:00"	10.504	178.72	79.073	44.293	414.23	26.391	0
"2012-08-15	11:00:00"	9.9519	199.84	83.755	37.796	643.27	26.4	0
"2012-08-15	12:00:00"	8.2934	194.08	87.117	33.604	715.74	26.397	0
"2012-08-15	13:00:00"	7.9809	210.62	90.717	29.302	857.84	26.385	0
"2012-08-15	14:00:00"	6.6164	201.34	93.677	24.973	932.59	26.373	0
"2012-08-15	15:00:00"	6.2044	262.85	96.577	20.862	918.53	26.356	0
"2012-08-15	16:00:00"	5.0474	183.8	97.513	19.678	876.95	26.332	0
"2012-08-15	17:00:00"	4.7162	226.61	97.059	19.826	295.98	26.317	0
"2012-08-15	18:00:00"	5.5662	182.23	96.672	20.227	198.49	26.317	0
"2012-08-15	19:00:00"	8.8197	220.58	94.871	22.206	159.25	26.305	0
"2012-08-15	20:00:00"	6.7512	201.42	91.934	25.177	55.454	26.311	0
"2012-08-15	21:00:00"	8.4935	235.55	88.985	28.779	21.625	26.344	0
"2012-08-15	22:00:00"	11.042	110.19	85.06	35.38	0.07059	26.364	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-15	23:00:00"	9.9693	120.31	82.244	41.411	0.04621	26.382	0
"2012-08-16	00:00:00"	6.3535	162.45	79.574	45.263	0.05872	26.397	0
"2012-08-16	01:00:00"	10.013	186.83	81.063	41.219	0.05257	26.403	0
"2012-08-16	02:00:00"	12.009	183.75	80.374	46.372	0.06741	26.397	0
"2012-08-16	03:00:00"	10.514	174.69	78.839	52.044	0.05702	26.406	0
"2012-08-16	04:00:00"	8.0213	168.53	77.642	55.55	0.04346	26.409	0
"2012-08-16	05:00:00"	5.77	188.2	76.651	57.637	0.07017	26.415	0
"2012-08-16	06:00:00"	2.9758	199.41	75.167	61.199	0.0443	26.406	0
"2012-08-16	07:00:00"	4.4105	61.357	75.162	62.226	0.07504	26.438	0
"2012-08-16	08:00:00"	6.3641	87.846	73.671	66.226	4.1448	26.456	0
"2012-08-16	09:00:00"	9.3473	120.84	75.733	56.175	58.366	26.485	0
"2012-08-16	10:00:00"	9.7822	136.81	75.801	57.139	118.79	26.494	0
"2012-08-16	11:00:00"	5.2636	130.15	77.726	53.797	205.91	26.503	0
"2012-08-16	12:00:00"	5.4575	130.04	79.137	50.932	217.73	26.512	0
"2012-08-16	13:00:00"	9.2963	118.33	78.552	53.699	336.77	26.512	0
"2012-08-16	14:00:00"	11.748	103.15	81.016	46.712	704.73	26.491	0
"2012-08-16	15:00:00"	9.0888	113.26	85.23	39.559	810.23	26.5	0
"2012-08-16	16:00:00"	9.0527	113.42	87.502	37.338	677.39	26.483	0
"2012-08-16	17:00:00"	10.2	101.37	88.28	32.904	432.91	26.462	0
"2012-08-16	18:00:00"	10.561	99.819	88.42	31.204	251.18	26.447	0
"2012-08-16	19:00:00"	10.737	105.04	88.309	30.351	181.45	26.456	0
"2012-08-16	20:00:00"	9.9941	96.929	87.859	33.128	140.77	26.453	0
"2012-08-16	21:00:00"	6.535	74.653	85.74	38.595	9.8624	26.477	0
"2012-08-16	22:00:00"	7.0271	45.942	82.074	47.616	0.06105	26.5	0
"2012-08-16	23:00:00"	7.5124	50.729	80.87	49.846	0.0566	26.512	0
"2012-08-17	00:00:00"	9.0428	64.128	80.193	51.214	0.04876	26.512	0
"2012-08-17	01:00:00"	9.7549	75.459	78.785	53.691	0.05278	26.521	0
"2012-08-17	02:00:00"	6.7238	96.503	76.925	55.243	0.05766	26.521	0
"2012-08-17	03:00:00"	4.9244	58.545	73.816	61.301	0.05384	26.506	0
"2012-08-17	04:00:00"	5.5103	45.945	71.776	67.405	0.05617	26.506	0
"2012-08-17	05:00:00"	5.5557	48.908	71.154	68.85	0.06699	26.503	0
"2012-08-17	06:00:00"	5.0008	20.657	70.792	69.484	0.07419	26.506	0
"2012-08-17	07:00:00"	6.5884	46.451	69.792	72.299	0.09857	26.506	0
"2012-08-17	08:00:00"	7.3235	71.078	69.6	72.412	27.672	26.518	0
"2012-08-17	09:00:00"	10.155	75.775	73.173	63.927	195.43	26.518	0
"2012-08-17	10:00:00"	10.579	74.676	76.89	56.807	338.61	26.527	0
"2012-08-17	11:00:00"	10.525	87.25	80.866	48.886	524.21	26.53	0
"2012-08-17	12:00:00"	8.9459	96.449	84.914	40.509	664.84	26.53	0
"2012-08-17	13:00:00"	9.3212	106.2	86.401	37.628	573.79	26.521	0
"2012-08-17	14:00:00"	9.6294	106.53	87.706	35.989	579.67	26.506	0
"2012-08-17	15:00:00"	9.4175	110.29	89.127	34.965	512.81	26.48	0
"2012-08-17	16:00:00"	11.177	55.521	80.85	53.32	136.58	26.456	0.2
"2012-08-17	17:00:00"	8.2419	49.517	76.959	64.08	48.165	26.456	0
"2012-08-17	18:00:00"	8.4127	25.378	74.434	68.804	23.982	26.459	0
"2012-08-17	19:00:00"	7.055	332.01	75.115	64.819	16.609	26.459	0.02

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-17	20:00:00"	8.309	40.255	72.375	74.798	15.982	26.468	0.02
"2012-08-17	21:00:00"	10.165	193.77	70.589	80.703	1.89	26.506	0.01
"2012-08-17	22:00:00"	12.983	149.7	67.168	89.334	0.0549	26.488	0.02
"2012-08-17	23:00:00"	11.321	135.76	69.345	81.2	0.05469	26.5	0
"2012-08-18	00:00:00"	5.8036	159.57	70.168	80.509	0.06593	26.491	0
"2012-08-18	01:00:00"	7.1625	202.65	69.84	83.637	0.05681	26.488	0
"2012-08-18	02:00:00"	8.455	184.42	69.59	83.479	0.06253	26.497	0
"2012-08-18	03:00:00"	5.5395	210.49	68.064	88.063	0.06084	26.485	0
"2012-08-18	04:00:00"	4.436	248.22	67.023	91.394	0.07398	26.491	0
"2012-08-18	05:00:00"	2.3128	211.12	66.221	92.156	0.0725	26.485	0
"2012-08-18	06:00:00"	0.95381	187.04	65.478	93.294	0.05215	26.468	0
"2012-08-18	07:00:00"	0.67232	149.59	65.394	94.366	0.05299	26.477	0
"2012-08-18	08:00:00"	0.38711	31.666	64.556	94.541	27.101	26.483	0
"2012-08-18	09:00:00"	2.0605	201.87	66.768	93.892	157.76	26.483	0
"2012-08-18	10:00:00"	4.4049	205.71	70.237	84.495	381.36	26.474	0
"2012-08-18	11:00:00"	5.5078	212.34	73.767	72.024	520.92	26.468	0
"2012-08-18	12:00:00"	7.9212	209.76	76.1	67.135	720.3	26.465	0
"2012-08-18	13:00:00"	5.6489	211.05	78.4	61.177	801.3	26.453	0
"2012-08-18	14:00:00"	4.4857	217.33	81.648	53.054	946.61	26.435	0
"2012-08-18	15:00:00"	5.8931	139.82	83.465	48.085	893.36	26.412	0
"2012-08-18	16:00:00"	6.1106	156.01	84.759	43.123	857.49	26.385	0
"2012-08-18	17:00:00"	6.7394	159.21	86.147	40.541	708.25	26.367	0
"2012-08-18	18:00:00"	6.0124	159.59	87.009	38.828	558.12	26.344	0
"2012-08-18	19:00:00"	5.7303	153.14	87.302	37.544	337.94	26.347	0
"2012-08-18	20:00:00"	4.7007	185.75	86.623	37.733	147.22	26.35	0
"2012-08-18	21:00:00"	2.6228	145.44	83.799	43.696	7.2082	26.361	0
"2012-08-18	22:00:00"	2.908	113.24	81.474	50.365	0.05702	26.382	0
"2012-08-18	23:00:00"	5.9484	123.28	79.267	56.215	0.04727	26.418	0
"2012-08-19	00:00:00"	6.7829	118.04	78.069	59.312	0.07377	26.447	0
"2012-08-19	01:00:00"	14.085	65.263	74.677	66.386	0.06105	26.447	0.09
"2012-08-19	02:00:00"	9.4629	89.612	69.398	68.153	0.046	26.45	0.02
"2012-08-19	03:00:00"	3.878	350.45	69.417	71.861	0.0708	26.441	0
"2012-08-19	04:00:00"	4.3875	16.504	69.032	79.058	0.05193	26.453	0.01
"2012-08-19	05:00:00"	6.489	38.642	68.364	82.929	0.0496	26.456	0
"2012-08-19	06:00:00"	8.2655	45.087	68.197	88.887	0.06402	26.465	0
"2012-08-19	07:00:00"	8.1866	63.038	67.223	91.83	0.05808	26.477	0
"2012-08-19	08:00:00"	7.9579	68.868	66.091	92.493	25.992	26.485	0
"2012-08-19	09:00:00"	7.7547	74.233	67.681	88.742	161.94	26.506	0
"2012-08-19	10:00:00"	6.1118	92.353	67.684	91.555	142.56	26.53	0
"2012-08-19	11:00:00"	6.0124	92.774	68.349	91.536	144.56	26.553	0
"2012-08-19	12:00:00"	4.2228	81.984	70.336	83.814	266.44	26.55	0
"2012-08-19	13:00:00"	4.7715	46.11	74.343	72.189	642.85	26.553	0
"2012-08-19	14:00:00"	10.102	9.7331	75.777	70.57	329.61	26.542	0
"2012-08-19	15:00:00"	14.036	47.191	71.768	74.486	264.22	26.527	0
"2012-08-19	16:00:00"	12.34	68.696	72.456	59.552	285.04	26.483	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-19	17:00:00"	12.486	74.61	80.023	42.666	684.18	26.468	0
"2012-08-19	18:00:00"	9.7822	104.93	83.049	34.281	536.79	26.462	0
"2012-08-19	19:00:00"	11.042	102.37	83.385	33.865	345.47	26.468	0
"2012-08-19	20:00:00"	9.3665	75.52	79.884	40.144	115.19	26.471	0
"2012-08-19	21:00:00"	5.7197	62.697	74.708	53.029	8.3039	26.474	0
"2012-08-19	22:00:00"	6.141	63.1	71.222	64.423	0.0477	26.509	0
"2012-08-19	23:00:00"	4.6218	72.185	68.926	71.807	0.05363	26.533	0
"2012-08-20	00:00:00"	3.7823	69.5	68.06	75.994	0.05427	26.533	0
"2012-08-20	01:00:00"	4.3788	66.132	67.487	76.813	0.05024	26.539	0
"2012-08-20	02:00:00"	4.8703	119.88	68.246	72.99	0.06063	26.533	0
"2012-08-20	03:00:00"	4.5583	151.54	67.272	75.156	0.05172	0.24215	0
"2012-08-20	04:00:00"	3.5902	146.21	66.381	76.018	0.0513	26.515	0
"2012-08-20	05:00:00"	3.5076	94.102	65.821	75.139	0.05829	26.521	0
"2012-08-20	06:00:00"	5.0176	46.693	62.687	84.295	0.04876	26.518	0
"2012-08-20	07:00:00"	5.6253	41.117	61.502	87.538	0.06699	26.533	0
"2012-08-20	08:00:00"	5.7999	47.361	61.469	87.552	25.453	26.539	0
"2012-08-20	09:00:00"	5.0946	83.871	66.565	77.735	173.6	26.553	0
"2012-08-20	10:00:00"	5.6551	120.89	72.657	65.846	378.84	26.559	0
"2012-08-20	11:00:00"	5.9826	157.79	76.124	58.252	572.59	26.559	0
"2012-08-20	12:00:00"	6.1901	159.38	79.207	51.979	735.05	26.55	0
"2012-08-20	13:00:00"	6.4188	198.86	82.263	44.824	850.58	26.53	0
"2012-08-20	14:00:00"	7.5745	197.1	85.132	39.628	908.53	26.509	0
"2012-08-20	15:00:00"	8.0424	207.33	87.589	33.231	829.45	26.488	0
"2012-08-20	16:00:00"	7.8436	203.04	89.319	30.545	765.85	26.462	0
"2012-08-20	17:00:00"	9.0267	189.27	90.135	28.684	694.62	26.441	0
"2012-08-20	18:00:00"	11.114	172.13	90.451	27.827	520.13	26.42	0
"2012-08-20	19:00:00"	10.547	190.84	89.741	26.352	273.06	26.406	0
"2012-08-20	20:00:00"	9.4144	183.86	88.235	28.039	114.92	26.415	0
"2012-08-20	21:00:00"	5.9968	173.06	82.508	34.638	5.9193	26.415	0
"2012-08-20	22:00:00"	6.2721	169.26	79.521	38.6	0.05236	26.441	0
"2012-08-20	23:00:00"	9.0434	170.81	79.395	34.039	0.07462	26.45	0
"2012-08-21	00:00:00"	10.027	175.5	79.66	31.535	0.06105	26.459	0
"2012-08-21	01:00:00"	9.3044	168.6	79.638	31.879	0.05342	26.483	0
"2012-08-21	02:00:00"	4.9766	113.16	80.105	30.812	0.05533	26.488	0
"2012-08-21	03:00:00"	4.4192	77.891	76.791	41.359	0.05766	26.468	0
"2012-08-21	04:00:00"	4.7709	89.946	73.084	58.265	0.05342	26.468	0
"2012-08-21	05:00:00"	9.9401	59.87	72.148	62.189	0.07334	26.468	0
"2012-08-21	06:00:00"	10.484	86.861	70.034	73.521	0.06911	26.459	0
"2012-08-21	07:00:00"	9.0689	92.029	68.69	77.662	0.07229	26.462	0
"2012-08-21	08:00:00"	10.051	94.732	68.17	79.891	11.641	26.456	0
"2012-08-21	09:00:00"	10.109	97.461	68.435	80.053	120.71	26.465	0
"2012-08-21	10:00:00"	8.9583	118.89	72.832	65.833	303.43	26.48	0
"2012-08-21	11:00:00"	8.9819	115.11	76.715	56.137	506.38	26.491	0
"2012-08-21	12:00:00"	6.5138	103.96	80.419	47.139	738.98	26.506	0
"2012-08-21	13:00:00"	8.6079	73.029	82.651	44.306	849.57	26.494	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-21	14:00:00"	13.764	71.536	82.777	47.696	893.73	26.491	0
"2012-08-21	15:00:00"	14.425	66.696	83.192	47.723	777.08	26.485	0
"2012-08-21	16:00:00"	15.37	64.159	83.663	46.35	831.55	26.474	0
"2012-08-21	17:00:00"	14.101	71.401	84.826	42.76	702.09	26.462	0
"2012-08-21	18:00:00"	14.042	74.829	84.969	41.268	534.68	26.465	0
"2012-08-21	19:00:00"	13.574	75.99	83.243	42.53	215.98	26.468	0
"2012-08-21	20:00:00"	13.491	73	80.808	45.873	78.636	26.48	0
"2012-08-21	21:00:00"	11.185	73.533	77.58	50.707	5.8907	26.491	0
"2012-08-21	22:00:00"	9.8307	73.019	75.268	55.339	0.0566	26.515	0
"2012-08-21	23:00:00"	11.269	76.2	73.769	58.306	0.07207	26.518	0
"2012-08-22	00:00:00"	11.738	77.212	71.927	61.648	0.06444	26.527	0
"2012-08-22	01:00:00"	11.005	79.224	70.909	64.583	0.0619	26.527	0
"2012-08-22	02:00:00"	11.743	82.314	70.402	68.044	0.05257	26.524	0
"2012-08-22	03:00:00"	9.7748	69.52	68.591	74.583	0.0744	26.521	0
"2012-08-22	04:00:00"	9.8382	75.845	66.487	81.911	0.06296	26.512	0
"2012-08-22	05:00:00"	8.8328	76.281	64.953	85.686	0.05851	26.512	0
"2012-08-22	06:00:00"	8.3133	77.568	64.226	85.996	0.06232	26.524	0
"2012-08-22	07:00:00"	8.2537	72.244	63.37	89.688	0.05787	26.536	0
"2012-08-22	08:00:00"	8.3102	76.165	64.186	88.801	14.928	26.542	0
"2012-08-22	09:00:00"	10.036	79.145	65.568	84.833	139.44	26.55	0
"2012-08-22	10:00:00"	9.3665	91.77	68.297	76.712	361.96	26.556	0
"2012-08-22	11:00:00"	6.9115	106.74	71.547	67.866	559.59	26.562	0
"2012-08-22	12:00:00"	6.5865	120.6	74.807	59.516	736.97	26.553	0
"2012-08-22	13:00:00"	6.4045	120.55	77.954	52.735	856.25	26.542	0
"2012-08-22	14:00:00"	6.5921	110.63	81.157	46.114	911.2	26.524	0
"2012-08-22	15:00:00"	7.6441	141.99	84.569	40.624	906.86	26.5	0
"2012-08-22	16:00:00"	6.5113	149.16	86.665	35.945	832.53	26.48	0
"2012-08-22	17:00:00"	5.7812	227.39	88.268	32.36	709.98	26.462	0
"2012-08-22	18:00:00"	4.175	96.607	89.239	31.726	511.41	26.45	0
"2012-08-22	19:00:00"	4.4962	135.65	89.233	31.471	263.46	26.438	0
"2012-08-22	20:00:00"	3.4418	107.23	88.073	32.43	56.235	26.441	0
"2012-08-22	21:00:00"	2.8005	86.867	86.148	36.365	1.3215	26.447	0
"2012-08-22	22:00:00"	5.4637	90.687	84.756	37.634	0.05723	26.462	0
"2012-08-22	23:00:00"	10.355	172.53	81.074	45.918	0.06105	26.465	0
"2012-08-23	00:00:00"	12.324	171.4	80.405	43.596	0.05935	26.471	0
"2012-08-23	01:00:00"	11.211	164.5	79.778	44.776	0.06296	26.471	0
"2012-08-23	02:00:00"	10.639	167.62	78.13	49.002	0.06593	26.468	0
"2012-08-23	03:00:00"	10.525	168.29	77.323	52.148	0.08394	26.462	0
"2012-08-23	04:00:00"	10.867	178.24	76.844	52.895	0.04642	26.459	0
"2012-08-23	05:00:00"	9.7419	178.61	75.406	58.242	0.06105	26.456	0.07
"2012-08-23	06:00:00"	5.8061	110.2	71.397	74.084	0.05342	26.474	0.02
"2012-08-23	07:00:00"	4.8672	106.62	71.515	75.555	0.05384	26.474	0
"2012-08-23	08:00:00"	6.4231	120.88	71	76.999	5.8969	26.471	0
"2012-08-23	09:00:00"	9.5865	149.82	71.509	73.505	66.286	26.474	0
"2012-08-23	10:00:00"	10.521	161.76	73.479	68.084	219.01	26.48	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-23	11:00:00"	13.771	170.14	77.293	58.284	353.05	26.48	0
"2012-08-23	12:00:00"	13.739	177.02	78.787	54.864	251.69	26.477	0
"2012-08-23	13:00:00"	12.261	174.05	79.83	52.998	191.67	26.471	0
"2012-08-23	14:00:00"	10.723	157.3	83.69	44.52	427.29	26.459	0
"2012-08-23	15:00:00"	11.315	179.88	88	35.571	658.82	26.444	0
"2012-08-23	16:00:00"	10.986	195.23	89.114	32.548	458.97	26.418	0
"2012-08-23	17:00:00"	10.952	171.87	90.489	31.819	577.32	26.388	0
"2012-08-23	18:00:00"	11.466	178.77	91.592	29.639	476.38	26.376	0
"2012-08-23	19:00:00"	11.973	174.5	90.676	29.962	291.85	26.364	0
"2012-08-23	20:00:00"	10.963	152.11	88.238	32.533	76.402	26.367	0
"2012-08-23	21:00:00"	8.524	136.03	85.411	36.716	2.793	26.382	0
"2012-08-23	22:00:00"	8.2686	264.02	83.002	41.818	0.05448	26.435	0.01
"2012-08-23	23:00:00"	7.1706	2.2782	73.245	70.474	0.05596	26.459	0.14
"2012-08-24	00:00:00"	8.4892	122.99	71.689	75.264	0.05554	26.494	0
"2012-08-24	01:00:00"	10.985	223.35	69.916	84.44	0.05978	26.483	0.1
"2012-08-24	02:00:00"	7.3135	206.87	69.622	87.424	0.04155	26.459	0.01
"2012-08-24	03:00:00"	8.1661	168.33	69.024	88.062	0.05384	26.432	0
"2012-08-24	04:00:00"	2.4476	174.68	68.421	88.034	0.06487	26.415	0
"2012-08-24	05:00:00"	1.5646	164.65	68.193	87.078	0.06211	26.391	0
"2012-08-24	06:00:00"	1.5435	287.4	67.804	88.853	0.06995	26.397	0
"2012-08-24	07:00:00"	2.3146	259.43	67.335	91.334	0.06487	26.403	0
"2012-08-24	08:00:00"	2.2531	224.84	66.532	92.578	15.192	26.406	0
"2012-08-24	09:00:00"	4.843	244.16	68.086	89.013	129.58	26.418	0
"2012-08-24	10:00:00"	6.077	233.7	71.863	77.921	302.95	26.42	0
"2012-08-24	11:00:00"	9.0987	222.08	76.07	65.067	546.61	26.42	0
"2012-08-24	12:00:00"	9.7493	217.97	78.812	59.014	751.46	26.415	0
"2012-08-24	13:00:00"	8.4413	210.04	81.482	53.279	844.8	26.397	0
"2012-08-24	14:00:00"	8.2655	226.16	84.219	46.699	931.91	26.376	0
"2012-08-24	15:00:00"	9.2522	193.29	86.741	42.484	910.39	26.353	0
"2012-08-24	16:00:00"	9.7071	211.08	88.969	37.511	839.82	26.326	0
"2012-08-24	17:00:00"	10.786	219.38	91.287	31.976	724.64	26.302	0
"2012-08-24	18:00:00"	10.368	234.08	92.784	26.886	533.11	26.285	0
"2012-08-24	19:00:00"	12.129	234.68	92.034	26.51	239.4	26.282	0
"2012-08-24	20:00:00"	10.177	216.18	91.221	28.386	145.6	26.282	0
"2012-08-24	21:00:00"	13.044	184.1	82.211	45.079	10.99	26.299	0
"2012-08-24	22:00:00"	7.7212	183.02	78.352	52.004	0.0672	26.317	0
"2012-08-24	23:00:00"	6.8606	177.51	75.805	58.81	0.04833	26.329	0
"2012-08-25	00:00:00"	9.9102	181.82	75.413	59.11	0.04706	26.329	0
"2012-08-25	01:00:00"	14.014	194.94	75.698	58.297	0.04006	26.332	0
"2012-08-25	02:00:00"	14.891	193.78	74.583	60.865	0.05511	26.32	0
"2012-08-25	03:00:00"	13.931	196.85	74.3	60.954	0.07928	26.32	0
"2012-08-25	04:00:00"	13.394	196.31	73.223	62.174	0.05533	26.317	0
"2012-08-25	05:00:00"	11.524	198.08	71.587	68.284	0.05639	26.32	0
"2012-08-25	06:00:00"	10.793	194.09	70.33	71.407	0.05088	26.32	0
"2012-08-25	07:00:00"	10.844	188.82	69.783	72.436	0.06762	26.329	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-25	08:00:00"	8.4506	187.73	68.608	77.132	21.363	26.341	0
"2012-08-25	09:00:00"	10.516	194.99	70.72	72.61	172.83	26.341	0
"2012-08-25	10:00:00"	11.024	211.29	75.788	58.377	378.76	26.35	0
"2012-08-25	11:00:00"	10.177	221.31	80.25	46.699	577.08	26.353	0
"2012-08-25	12:00:00"	8.7234	222.84	83.409	40.174	742.73	26.353	0
"2012-08-25	13:00:00"	8.2394	217.94	86.407	34.265	856.35	26.353	0
"2012-08-25	14:00:00"	6.4828	236.77	89.314	29.73	916.35	26.341	0
"2012-08-25	15:00:00"	8.5463	188.13	91.124	28.205	876.33	26.329	0
"2012-08-25	16:00:00"	9.9084	160.53	92.095	26.257	835.56	26.308	0
"2012-08-25	17:00:00"	7.0954	122.49	92.409	24.256	551.09	26.294	0
"2012-08-25	18:00:00"	4.1949	101.58	92.667	23.551	371.9	26.291	0
"2012-08-25	19:00:00"	3.9749	327.91	92.656	24.879	273.37	26.294	0
"2012-08-25	20:00:00"	4.0619	87.361	91.367	25.175	76.894	26.302	0
"2012-08-25	21:00:00"	5.5644	120.68	87.159	34.474	2.683	26.338	0
"2012-08-25	22:00:00"	6.297	181.76	82.736	43.913	0.06296	26.373	0
"2012-08-25	23:00:00"	5.7253	158.34	80.407	48.106	0.05681	26.382	0
"2012-08-26	00:00:00"	7.4291	157.43	79.631	48.626	0.05469	26.397	0
"2012-08-26	01:00:00"	8.2114	178.62	77.762	50.023	0.04642	26.397	0
"2012-08-26	02:00:00"	4.664	160.54	74.626	56.805	0.0549	26.403	0
"2012-08-26	03:00:00"	5.5352	133.96	73.645	62.801	0.05681	26.388	0
"2012-08-26	04:00:00"	5.5165	123.29	73.467	64.68	0.05978	26.397	0
"2012-08-26	05:00:00"	4.7435	78.702	71.282	70.591	0.07017	26.403	0
"2012-08-26	06:00:00"	5.4469	69.526	69.596	75.458	0.05872	26.412	0
"2012-08-26	07:00:00"	5.5178	77.073	68.618	78	0.06571	26.432	0
"2012-08-26	08:00:00"	8.3139	62.919	68.556	77.956	20.604	26.456	0
"2012-08-26	09:00:00"	9.8295	85.917	71.677	68.931	174.15	26.483	0
"2012-08-26	10:00:00"	10.858	109.8	75.503	57.776	374.08	26.5	0
"2012-08-26	11:00:00"	10.46	125.02	77.484	56.831	525.42	26.509	0
"2012-08-26	12:00:00"	8.7967	138.32	80.638	51.313	763.69	26.515	0
"2012-08-26	13:00:00"	8.3842	126.19	83.968	46.953	857.89	26.515	0
"2012-08-26	14:00:00"	8.2686	127.33	86.105	43.262	831.35	26.506	0
"2012-08-26	15:00:00"	9.251	92.224	87.767	40.76	896.96	26.491	0
"2012-08-26	16:00:00"	13.845	101.09	82.257	49.135	553.59	26.48	0
"2012-08-26	17:00:00"	12.311	117.18	80.22	51.376	587.04	26.462	0
"2012-08-26	18:00:00"	9.9003	98.77	84.679	45.099	634.63	26.459	0
"2012-08-26	19:00:00"	10.463	81.87	87.317	39.546	354.81	26.447	0
"2012-08-26	20:00:00"	11.749	84.923	84.898	43.438	62.149	26.477	0
"2012-08-26	21:00:00"	11.702	110.87	77.772	57.031	5.7993	26.509	0
"2012-08-26	22:00:00"	9.0409	101.39	74.043	64.529	0.05448	26.527	0
"2012-08-26	23:00:00"	7.8007	98.437	72.453	66.191	0.06423	26.559	0
"2012-08-27	00:00:00"	2.8695	147.77	70.994	72.787	0.06147	26.574	0
"2012-08-27	01:00:00"	2.1984	20.398	70.427	73.374	0.07631	26.574	0
"2012-08-27	02:00:00"	5.3711	35.971	68.843	76.66	0.04685	26.574	0
"2012-08-27	03:00:00"	5.7029	30.181	67.851	79.211	0.06635	26.571	0
"2012-08-27	04:00:00"	5.7514	25.717	66.999	81.617	0.05321	26.562	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-27	05:00:00"	5.793	31.1	66.119	81.452	0.05978	26.562	0
"2012-08-27	06:00:00"	6.1516	29.474	65.793	81.118	0.06656	26.577	0
"2012-08-27	07:00:00"	7.0874	31.361	65.286	83.183	0.07886	26.586	0
"2012-08-27	08:00:00"	6.5853	43.971	64.945	85.396	16.244	26.607	0
"2012-08-27	09:00:00"	9.0099	44.682	68.575	80.438	162.33	26.621	0
"2012-08-27	10:00:00"	9.7481	64.674	73.347	69.598	304.64	26.636	0
"2012-08-27	11:00:00"	10.54	83.561	75.898	63.571	570.8	26.648	0
"2012-08-27	12:00:00"	7.5813	85.273	79.102	55.882	729.79	26.645	0
"2012-08-27	13:00:00"	6.3162	68.427	81.979	49.155	702.36	26.633	0
"2012-08-27	14:00:00"	8.652	72.001	83.889	43.4	777.46	26.607	0
"2012-08-27	15:00:00"	10.112	70.932	86.016	38.77	844.49	26.58	0
"2012-08-27	16:00:00"	11.045	63.169	86.393	39.2	568.62	26.562	0
"2012-08-27	17:00:00"	11.585	77.422	86.72	37.291	331.51	26.553	0
"2012-08-27	18:00:00"	12.948	75.201	88.125	32.674	502.75	26.542	0
"2012-08-27	19:00:00"	12.78	81.211	87.962	31.001	335.79	26.542	0
"2012-08-27	20:00:00"	12.762	84.15	86.756	28.476	152.18	26.547	0
"2012-08-27	21:00:00"	7.1172	106.79	81.964	37.036	9.899	26.565	0
"2012-08-27	22:00:00"	6.7891	176.41	75.732	62.394	0.08055	26.598	0
"2012-08-27	23:00:00"	3.6257	190.2	72.834	68.593	0.05723	26.612	0
"2012-08-28	00:00:00"	1.6721	247.17	70.739	73.373	0.06635	26.615	0
"2012-08-28	01:00:00"	3.1665	319.14	70.5	74.878	0.06232	26.615	0
"2012-08-28	02:00:00"	3.9513	341.21	68.834	78.231	0.05596	26.607	0
"2012-08-28	03:00:00"	3.2728	337.98	67.842	80.367	0.05088	26.598	0
"2012-08-28	04:00:00"	3.3827	342.45	66.346	82.009	0.05109	26.598	0
"2012-08-28	05:00:00"	3.7276	314.33	67.618	75.988	0.06465	26.592	0
"2012-08-28	06:00:00"	5.7297	346.94	66.175	78.456	0.06232	26.589	0
"2012-08-28	07:00:00"	6.105	354.51	66.157	78.792	0.06253	26.598	0
"2012-08-28	08:00:00"	7.3023	17.142	65.146	79.482	17.67	26.618	0
"2012-08-28	09:00:00"	9.584	25.407	66.48	79.124	159.9	26.63	0
"2012-08-28	10:00:00"	10.258	47.617	73.23	62.8	366.06	26.636	0
"2012-08-28	11:00:00"	10.342	64.19	77.119	54.714	566.15	26.648	0
"2012-08-28	12:00:00"	9.2156	56.9	79.917	47.964	712.5	26.633	0
"2012-08-28	13:00:00"	10.148	33.477	82.127	41.827	751.79	26.609	0
"2012-08-28	14:00:00"	13.64	34.465	84.641	32.807	913.1	26.586	0
"2012-08-28	15:00:00"	14.613	41.313	86.459	26.192	906.74	26.571	0
"2012-08-28	16:00:00"	14.336	57.234	87.571	22.437	842.31	26.545	0
"2012-08-28	17:00:00"	12.878	51.792	88.034	21.058	714.42	26.53	0
"2012-08-28	18:00:00"	13.129	53.292	88.06	20.119	537.75	26.512	0
"2012-08-28	19:00:00"	12.854	68.08	86.86	21.12	331.39	26.503	0
"2012-08-28	20:00:00"	10.63	66.015	85.15	22.471	130.66	26.503	0
"2012-08-28	21:00:00"	5.9198	53.378	80.047	26.886	7.5698	26.512	0
"2012-08-28	22:00:00"	5.245	43.215	73.905	33.538	0.05596	26.521	0
"2012-08-28	23:00:00"	6.1727	25.066	70.657	37.647	0.05469	26.533	0
"2012-08-29	00:00:00"	6.9326	31.139	70.371	39.552	0.06593	26.539	0
"2012-08-29	01:00:00"	7.5012	35.078	70.59	42.52	0.05363	26.536	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-29	02:00:00"	6.4461	31.024	68.237	49.57	0.06041	26.536	0
"2012-08-29	03:00:00"	6.3026	24.843	66.998	55.97	0.05766	26.533	0
"2012-08-29	04:00:00"	6.1826	22.76	66.306	58.963	0.07822	26.53	0
"2012-08-29	05:00:00"	6.5927	18.658	66.337	61.554	0.07568	26.53	0
"2012-08-29	06:00:00"	7.0675	24.719	65.501	65.565	0.07229	26.524	0
"2012-08-29	07:00:00"	7.38	28.577	64.521	67.318	0.05702	26.524	0
"2012-08-29	08:00:00"	7.9604	27.327	63.818	67.158	19.758	26.536	0
"2012-08-29	09:00:00"	9.2068	39.5	67.618	57.897	161.54	26.547	0
"2012-08-29	10:00:00"	8.3481	61.36	73.331	51.858	374.45	26.556	0
"2012-08-29	11:00:00"	6.4231	68.383	77.455	52.235	529.37	26.556	0
"2012-08-29	12:00:00"	7.4602	55.575	79.63	47.803	672.17	26.547	0
"2012-08-29	13:00:00"	8.5122	36.857	81.76	38.664	736.48	26.53	0
"2012-08-29	14:00:00"	9.1304	43.794	84.264	31.958	993.99	26.506	0
"2012-08-29	15:00:00"	7.7299	19.072	85.187	27.42	901.35	26.483	0
"2012-08-29	16:00:00"	9.1211	38.309	86.487	20.834	684.15	26.468	0
"2012-08-29	17:00:00"	7.6149	34.238	86.332	20.538	476.59	26.45	0
"2012-08-29	18:00:00"	8.5401	30.425	87.721	16.285	551.17	26.435	0
"2012-08-29	19:00:00"	8.7588	38.203	87.181	14.962	336.59	26.432	0
"2012-08-29	20:00:00"	7.1439	42.269	84.141	17.344	58.617	26.429	0
"2012-08-29	21:00:00"	5.2406	38.898	76.283	23.2	4.8499	26.435	0
"2012-08-29	22:00:00"	5.7595	42.11	71.864	26.933	0.04346	26.453	0
"2012-08-29	23:00:00"	5.7421	37.913	69.323	29.868	0.05617	26.465	0
"2012-08-30	00:00:00"	6.2566	36.633	68.084	32.319	0.0513	26.471	0
"2012-08-30	01:00:00"	5.7234	53.036	66.369	36.288	0.06593	26.474	0
"2012-08-30	02:00:00"	5.8036	54.955	64.313	40.314	0.06995	26.474	0
"2012-08-30	03:00:00"	6.3771	33.742	61.449	45.438	0.06635	26.459	0
"2012-08-30	04:00:00"	6.0037	33.228	60.209	48.221	0.07101	26.456	0
"2012-08-30	05:00:00"	7.1265	25.628	60.658	48.209	0.0655	26.45	0
"2012-08-30	06:00:00"	7.0128	24.799	60.511	49.541	0.05851	26.45	0
"2012-08-30	07:00:00"	3.8587	15.379	60.941	48.954	0.05681	26.462	0
"2012-08-30	08:00:00"	6.0838	9.2371	62.3	47.157	35.409	26.48	0
"2012-08-30	09:00:00"	8.381	26.144	66.125	43.222	199.68	26.494	0
"2012-08-30	10:00:00"	9.146	32.174	72.35	35.442	395.84	26.5	0
"2012-08-30	11:00:00"	6.9494	23.906	78.38	27.772	595.69	26.503	0
"2012-08-30	12:00:00"	4.2986	350.51	81.252	23.139	765.29	26.497	0
"2012-08-30	13:00:00"	4.4745	6.1939	82.923	21.401	725.29	26.483	0
"2012-08-30	14:00:00"	7.047	349.1	85.031	20.058	931.64	26.462	0
"2012-08-30	15:00:00"	6.0006	3.2772	86.378	19.031	915.89	26.444	0
"2012-08-30	16:00:00"	6.8674	36.303	87.734	18.169	770.58	26.418	0
"2012-08-30	17:00:00"	7.2831	20.835	88.572	17.109	711.32	26.4	0
"2012-08-30	18:00:00"	6.8736	33.625	88.749	16.966	536.79	26.394	0
"2012-08-30	19:00:00"	8.0219	29.797	88.547	16.856	301.52	26.391	0
"2012-08-30	20:00:00"	7.0501	62.935	86.274	18.666	92.184	26.391	0
"2012-08-30	21:00:00"	5.5333	62.007	80.186	23.925	7.2603	26.403	0
"2012-08-30	22:00:00"	5.4768	55.268	73.774	29.321	0.05533	26.429	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-08-30	23:00:00"	5.8937	42.4	72.681	30.54	0.07356	26.447	0
"2012-08-31	00:00:00"	5.8676	21.604	70.238	31.77	0.06974	26.456	0
"2012-08-31	01:00:00"	6.0292	22.997	70.017	31.174	0.06487	26.456	0
"2012-08-31	02:00:00"	6.246	31.228	67.494	33.652	0.0655	26.462	0
"2012-08-31	03:00:00"	6.0584	34.675	64.64	37.797	0.07229	26.456	0
"2012-08-31	04:00:00"	6.4616	38.528	63.331	41.657	0.06699	26.459	0
"2012-08-31	05:00:00"	6.5741	37.844	61.754	46.104	0.0619	26.462	0
"2012-08-31	06:00:00"	6.0043	38.378	61.041	48.559	0.09327	26.468	0
"2012-08-31	07:00:00"	5.0865	34.658	62.904	47.919	0.06995	26.48	0
"2012-08-31	08:00:00"	5.1891	40.176	63.636	48.372	19.671	26.503	0
"2012-08-31	09:00:00"	5.0306	28.359	67.336	45.607	166.75	26.521	0
"2012-08-31	10:00:00"	3.1062	99.75	78.44	34.791	377.36	26.533	0
"2012-08-31	11:00:00"	4.0961	135.5	82.943	30.085	579.57	26.542	0
"2012-08-31	12:00:00"	5.368	89.652	85.703	22.333	749.69	26.539	0
"2012-08-31	13:00:00"	7.0196	163.19	86.89	19.443	865.91	26.53	0
"2012-08-31	14:00:00"	6.2044	107.87	88.011	17.615	918.46	26.512	0
"2012-08-31	15:00:00"	6.6741	102.33	88.854	16.386	913.48	26.497	0
"2012-08-31	16:00:00"	7.3241	113.07	90.409	15.469	838.46	26.483	0
"2012-08-31	17:00:00"	5.2562	165.12	91.039	14.606	712.05	26.474	0
"2012-08-31	18:00:00"	6.4287	149.86	91.38	15.189	530.76	26.465	0
"2012-08-31	19:00:00"	5.3786	141.65	90.458	17.649	311.4	26.468	0
"2012-08-31	20:00:00"	5.1518	130.12	89.027	19.076	107.68	26.465	0
"2012-08-31	21:00:00"	3.9426	134.33	83.35	24.495	4.8878	26.477	0
"2012-08-31	22:00:00"	5.286	123.64	79.983	28.087	0.06169	26.491	0
"2012-08-31	23:00:00"	6.0702	113.53	78.015	30.522	0.05957	26.509	0
"2012-09-01	00:00:00"	5.6601	91.582	75.283	33.711	0.04982	26.521	0
"2012-09-01	01:00:00"	5.8216	62.2	71.061	37.267	0.05851	26.527	0
"2012-09-01	02:00:00"	5.8751	57.545	70.467	36.409	0.05469	26.524	0
"2012-09-01	03:00:00"	6.6555	65.291	70.832	35.731	0.03985	26.521	0
"2012-09-01	04:00:00"	6.1516	61.748	71.429	34.133	0.05575	26.518	0
"2012-09-01	05:00:00"	6.0453	52.796	69.494	35.675	0.05109	26.515	0
"2012-09-01	06:00:00"	5.7222	98.56	70.369	36.965	0.06995	26.527	0
"2012-09-01	07:00:00"	4.2887	178.55	70.178	46.422	0.04155	26.542	0
"2012-09-01	08:00:00"	5.1698	172.53	69.775	57.282	15.075	26.565	0
"2012-09-01	09:00:00"	4.1042	193.83	72.201	58.374	102.86	26.574	0
"2012-09-01	10:00:00"	8.6234	200.65	76.892	56.848	368.33	26.577	0
"2012-09-01	11:00:00"	8.455	199.39	81.102	49.274	570.56	26.583	0
"2012-09-01	12:00:00"	8.1748	184.24	84.772	40.403	735.5	26.583	0
"2012-09-01	13:00:00"	8.0586	164.33	88.849	27.848	842.86	26.571	0
"2012-09-01	14:00:00"	9.1497	135.69	90.7	22.184	817.97	26.547	0
"2012-09-01	15:00:00"	9.8587	162.86	90.999	22.481	526.21	26.533	0
"2012-09-01	16:00:00"	8.6799	183.84	91.682	22.865	772.54	26.509	0
"2012-09-01	17:00:00"	8.3779	149.38	91.522	23.169	406.14	26.488	0
"2012-09-01	18:00:00"	9.2093	168.37	92.948	22.184	565.13	26.488	0
"2012-09-01	19:00:00"	12.26	124.88	91.744	24.355	334.48	26.488	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-01	20:00:00"	8.8272	127.67	89.081	26.948	83.821	26.485	0
"2012-09-01	21:00:00"	5.0803	123.64	84.639	30.872	3.7414	26.494	0
"2012-09-01	22:00:00"	5.1835	118.36	81.651	34.048	0.06063	26.509	0
"2012-09-01	23:00:00"	5.4084	115.79	79.946	38.635	0.05511	26.512	0
"2012-09-02	00:00:00"	5.8266	142.33	79.397	39.697	0.05639	26.512	0
"2012-09-02	01:00:00"	5.7657	168.4	76.985	43.563	0.05935	26.515	0
"2012-09-02	02:00:00"	7.3142	179.68	76.752	45.58	0.0708	26.515	0
"2012-09-02	03:00:00"	5.5476	191.01	75.498	47.374	0.06402	26.512	0
"2012-09-02	04:00:00"	3.1212	185.75	72.954	52.428	0.0619	26.509	0
"2012-09-02	05:00:00"	4.6286	172.94	72.138	56.049	0.05596	26.494	0
"2012-09-02	06:00:00"	5.0983	159.44	71.257	60.301	0.07758	26.5	0
"2012-09-02	07:00:00"	5.3376	149.74	70.219	64.851	0.04727	26.509	0
"2012-09-02	08:00:00"	4.4913	140.44	69.444	69.396	16.202	26.524	0
"2012-09-02	09:00:00"	6.1833	157.47	71.985	67.797	156.93	26.536	0
"2012-09-02	10:00:00"	11.18	171.41	76.618	60.858	365.07	26.542	0
"2012-09-02	11:00:00"	10.355	188.08	81.104	52.086	564.09	26.553	0
"2012-09-02	12:00:00"	8.1729	184.05	84.263	44.86	727.01	26.539	0
"2012-09-02	13:00:00"	10.049	159.66	87.404	36.093	841.31	26.518	0
"2012-09-02	14:00:00"	9.9898	150.55	89.727	31.295	896.59	26.494	0
"2012-09-02	15:00:00"	9.7487	149.13	91.546	27.354	897.23	26.483	0
"2012-09-02	16:00:00"	9.2845	167.82	92.876	25.735	763.94	26.462	0
"2012-09-02	17:00:00"	8.419	146.42	93.429	24.385	683.06	26.444	0
"2012-09-02	18:00:00"	7.4123	177.51	94.146	22.248	570.02	26.432	0
"2012-09-02	19:00:00"	7.467	177.75	93.463	22.821	320.64	26.423	0
"2012-09-02	20:00:00"	8.2114	144.86	91.332	27.13	100.04	26.42	0
"2012-09-02	21:00:00"	5.7216	124.82	86.603	32.659	3.3645	26.435	0
"2012-09-02	22:00:00"	6.2771	119.93	83.159	36.543	0.05405	26.45	0
"2012-09-02	23:00:00"	6.8469	137.2	81.072	39.732	0.05639	26.462	0
"2012-09-03	00:00:00"	7.0408	150.38	80.125	43.658	0.05829	26.477	0
"2012-09-03	01:00:00"	9.008	171.7	79.451	49.181	0.05575	26.477	0
"2012-09-03	02:00:00"	7.1234	176.59	77.879	53.409	0.0477	26.471	0
"2012-09-03	03:00:00"	6.2087	166.28	76.378	57.609	0.07716	26.468	0
"2012-09-03	04:00:00"	5.1362	150.44	74.722	61.392	0.05003	26.456	0
"2012-09-03	05:00:00"	5.4258	139.04	73.624	63.755	0.06868	26.453	0
"2012-09-03	06:00:00"	4.3887	103.95	71.229	68.603	0.05639	26.453	0
"2012-09-03	07:00:00"	4.6746	75.667	69.749	71.701	0.06656	26.465	0
"2012-09-03	08:00:00"	5.0654	66.558	67.424	76.018	15.869	26.48	0
"2012-09-03	09:00:00"	5.8247	112.43	72.684	66.526	151.9	26.485	0
"2012-09-03	10:00:00"	6.5971	159.41	78.089	56.571	356.05	26.491	0
"2012-09-03	11:00:00"	6.4772	179.82	82.512	48.552	556.65	26.494	0
"2012-09-03	12:00:00"	5.8744	189.25	87.612	38.782	715.67	26.488	0
"2012-09-03	13:00:00"	5.0263	239.81	91.002	31.803	832.51	26.477	0
"2012-09-03	14:00:00"	5.5867	248.29	93.711	26.639	872.06	26.456	0
"2012-09-03	15:00:00"	6.4424	232.04	95.649	22.926	892.69	26.438	0
"2012-09-03	16:00:00"	4.6441	266.24	96.574	21.108	674.11	26.409	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-03	17:00:00"	4.9778	250.7	97.277	19.739	513.01	26.394	0
"2012-09-03	18:00:00"	4.5665	173.67	97.494	19.463	480.7	26.382	0
"2012-09-03	19:00:00"	4.6789	114.5	97.193	19.926	297.99	26.376	0
"2012-09-03	20:00:00"	6.5592	108.54	95.417	21.266	94.619	26.385	0
"2012-09-03	21:00:00"	4.1613	92.245	89.468	26.615	1.6142	26.403	0
"2012-09-03	22:00:00"	8.5159	160.06	88.166	32.693	0.05151	26.423	0
"2012-09-03	23:00:00"	5.5911	169.4	84.484	38.578	0.04006	26.435	0
"2012-09-04	00:00:00"	6.4753	133.97	82.201	42.587	0.05448	26.444	0
"2012-09-04	01:00:00"	7.2731	160.95	81.245	44.301	0.05554	26.444	0
"2012-09-04	02:00:00"	9.0559	179.61	81.363	44.272	0.06402	26.444	0
"2012-09-04	03:00:00"	8.3233	177.33	79.793	47.054	0.05554	26.438	0
"2012-09-04	04:00:00"	7.6963	167.48	77.548	50.853	0.06381	26.426	0
"2012-09-04	05:00:00"	8.0586	168.18	76.741	51.073	0.07504	26.418	0
"2012-09-04	06:00:00"	6.3305	163.77	75.006	53.234	0.05575	26.415	0
"2012-09-04	07:00:00"	4.298	173.91	72.544	57.504	0.06444	26.423	0
"2012-09-04	08:00:00"	2.1823	203.05	71.241	60.343	13.6	26.438	0
"2012-09-04	09:00:00"	4.1762	201.36	74.227	55.859	150.72	26.45	0
"2012-09-04	10:00:00"	9.6822	184.19	80.548	44.872	356.34	26.456	0
"2012-09-04	11:00:00"	7.8784	196.69	84.69	37.056	556.17	26.465	0
"2012-09-04	12:00:00"	6.3635	193.68	88.261	32.058	717.88	26.462	0
"2012-09-04	13:00:00"	5.2916	210.78	91.945	27.06	829.08	26.444	0
"2012-09-04	14:00:00"	5.1226	163.42	95.116	23.391	881.48	26.42	0
"2012-09-04	15:00:00"	6.8574	177.44	96.993	21.132	870.58	26.403	0
"2012-09-04	16:00:00"	7.1812	170.92	98.322	19.63	756.66	26.376	0
"2012-09-04	17:00:00"	8.5737	159.97	98.356	18.978	496.55	26.358	0
"2012-09-04	18:00:00"	6.3113	149.37	99.411	18.128	591.27	26.347	0
"2012-09-04	19:00:00"	8.1095	144.75	98.611	18.839	262.56	26.347	0
"2012-09-04	20:00:00"	5.0754	177.34	95.176	20.782	31.076	26.341	0
"2012-09-04	21:00:00"	3.1553	159.88	91.459	23.557	1.1082	26.356	0
"2012-09-04	22:00:00"	5.9521	199.74	90.481	26.324	0.04642	26.388	0
"2012-09-04	23:00:00"	4.6305	221.18	90.536	26.004	0.06126	26.406	0
"2012-09-05	00:00:00"	3.325	195.49	88.51	31.573	0.05321	26.403	0
"2012-09-05	01:00:00"	5.4942	179.29	85.41	37.786	0.0549	26.403	0
"2012-09-05	02:00:00"	12.288	179.07	83.875	41.946	0.04579	26.406	0
"2012-09-05	03:00:00"	10.773	174.48	82.264	44.822	0.05427	26.403	0
"2012-09-05	04:00:00"	11.433	177.78	80.85	46.958	0.04685	26.394	0
"2012-09-05	05:00:00"	10.603	179.94	79.414	48.938	0.05024	26.385	0
"2012-09-05	06:00:00"	10.31	178.86	77.872	50.216	0.04982	26.385	0
"2012-09-05	07:00:00"	8.3761	183.24	76.737	50.472	0.06529	26.388	0
"2012-09-05	08:00:00"	5.9036	209.9	74.86	52.285	10.063	26.403	0
"2012-09-05	09:00:00"	5.5072	229.76	75.196	52.196	121.74	26.415	0
"2012-09-05	10:00:00"	10.072	206.07	80.624	44.061	297.11	26.423	0
"2012-09-05	11:00:00"	8.0548	208.71	85.433	37.601	550.29	26.429	0
"2012-09-05	12:00:00"	4.8622	256.21	89.145	31.475	605.58	26.423	0
"2012-09-05	13:00:00"	3.6313	322.93	93.061	26.64	852.27	26.409	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-05	14:00:00"	5.1835	236.57	97.089	21.869	999.42	26.388	0
"2012-09-05	15:00:00"	5.757	230.05	98.496	20.217	735.85	26.367	0
"2012-09-05	16:00:00"	7.3229	160.56	98.234	20.23	485.1	26.344	0
"2012-09-05	17:00:00"	6.3349	112.9	97.487	20.37	184.1	26.329	0
"2012-09-05	18:00:00"	11.767	359.44	91.593	27.299	62.752	26.329	0
"2012-09-05	19:00:00"	10.443	194.16	88.834	30.17	68.361	26.329	0
"2012-09-05	20:00:00"	10.901	152.61	89.163	26.242	57.795	26.326	0
"2012-09-05	21:00:00"	12.774	89.869	83.105	39.006	9.4151	26.391	0
"2012-09-05	22:00:00"	7.6192	73.926	74.91	62.294	0.04876	26.423	0.05
"2012-09-05	23:00:00"	9.4958	216.62	72.328	73.492	0.07419	26.447	0.03
"2012-09-06	00:00:00"	13.078	210.57	70.974	77.243	0.06232	26.483	0.13
"2012-09-06	01:00:00"	16.162	188.2	70.578	79.104	0.07356	26.485	0.01
"2012-09-06	02:00:00"	17.708	183.67	70.5	70.658	0.05299	26.488	0.03
"2012-09-06	03:00:00"	14.705	132.2	68.353	79.811	0.05999	26.474	0.01
"2012-09-06	04:00:00"	15.307	147.44	69.39	72.896	0.05215	26.48	0
"2012-09-06	05:00:00"	11.018	205.82	70.382	66.74	0.05511	26.444	0
"2012-09-06	06:00:00"	7.8181	259.25	71.202	64.731	0.06126	26.415	0
"2012-09-06	07:00:00"	3.1777	137.56	71.214	65.51	0.06889	26.453	0
"2012-09-06	08:00:00"	4.7957	45.714	69.309	70.609	16.509	26.483	0
"2012-09-06	09:00:00"	3.8152	23.247	71.102	71.221	162.77	26.503	0
"2012-09-06	10:00:00"	2.6178	79.316	75.615	59.706	353.12	26.512	0
"2012-09-06	11:00:00"	3.8979	50.987	78.669	50.919	544.95	26.521	0
"2012-09-06	12:00:00"	2.9118	122.83	81.951	44.559	705.7	26.518	0
"2012-09-06	13:00:00"	4.925	160.48	84.163	40.763	815.99	26.509	0
"2012-09-06	14:00:00"	6.0789	148.13	85.923	39.078	860.69	26.491	0
"2012-09-06	15:00:00"	7.1395	151.58	87.459	37.775	857.58	26.474	0
"2012-09-06	16:00:00"	8.7632	144.94	89.086	36.426	783.27	26.447	0
"2012-09-06	17:00:00"	11.064	153.46	89.991	33.301	669.29	26.426	0
"2012-09-06	18:00:00"	10.341	155.06	90.549	32.447	466.81	26.415	0
"2012-09-06	19:00:00"	8.9856	155.3	90.871	31.173	276.89	26.409	0
"2012-09-06	20:00:00"	5.67	150.18	89.474	31.968	84.791	26.403	0
"2012-09-06	21:00:00"	2.6477	142.05	84.251	42.707	1.2057	26.406	0
"2012-09-06	22:00:00"	2.5414	123.85	82.19	47.14	0.05575	26.42	0
"2012-09-06	23:00:00"	2.7962	89.229	80.256	51.414	0.07483	26.441	0
"2012-09-07	00:00:00"	4.6541	147.66	79.115	52.85	0.05766	26.456	0
"2012-09-07	00:00:00"	4.6976	164	77.18	59.3	0.6105	26.456	0
"2012-09-07	01:00:00"	5.1996	171.96	76.175	61.248	0.05427	26.453	0
"2012-09-07	02:00:00"	6.0316	175.51	74.937	56.613	0.05236	26.453	0
"2012-09-07	03:00:00"	3.1261	174.47	73.165	54.426	0.06359	26.447	0
"2012-09-07	04:00:00"	4.7926	189.42	72.65	51.295	0.07292	26.429	0
"2012-09-07	05:00:00"	5.0114	195.99	71.133	53.311	0.07716	26.42	0
"2012-09-07	06:00:00"	4.431	193.41	69.808	56.057	0.05957	26.42	0
"2012-09-07	07:00:00"	6.1876	178.86	69.416	54.799	0.05596	26.432	0
"2012-09-07	08:00:00"	3.6555	214.57	68.202	59.167	14.729	26.432	0
"2012-09-07	09:00:00"	4.3471	213.9	70.892	55.468	150.31	26.456	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-07	10:00:00"	6.8854	200.89	77.288	44.38	354.01	26.459	0
"2012-09-07	11:00:00"	5.9465	217.99	83.041	37.059	553.84	26.465	0
"2012-09-07	12:00:00"	4.9865	215.92	86.86	34.309	715.61	26.456	0
"2012-09-07	13:00:00"	5.8005	200.19	91.391	28.979	826.34	26.444	0
"2012-09-07	14:00:00"	6.9078	187.3	93.322	26.928	879.16	26.426	0
"2012-09-07	15:00:00"	7.3055	185.89	95.04	24.627	870.72	26.406	0
"2012-09-07	16:00:00"	8.409	193.82	96.002	22.143	800.64	26.382	0
"2012-09-07	17:00:00"	8.583	164.03	96.284	19.525	670.49	26.37	0
"2012-09-07	18:00:00"	8.404	161.8	96.53	19.354	510.14	26.379	0
"2012-09-07	19:00:00"	13.822	62.044	90.088	28.954	192.93	26.397	0
"2012-09-07	20:00:00"	12.908	44.729	85.073	36.532	40.671	26.42	0
"2012-09-07	21:00:00"	12.911	39.568	82.086	41.169	0.45872	26.447	0
"2012-09-07	22:00:00"	17.088	42.787	78.859	48.192	0.05321	26.488	0
"2012-09-07	23:00:00"	22.603	36.578	75.684	45.703	0.05172	26.545	0
"2012-09-08	00:00:00"	22.384	31.174	70.892	48.276	0.06169	26.565	0
"2012-09-08	01:00:00"	24.044	45.164	68.403	49.594	0.05533	26.577	0
"2012-09-08	02:00:00"	23.995	48.634	67.401	48.112	0.06359	26.595	0
"2012-09-08	03:00:00"	21.013	45.69	66.133	48.887	0.06338	26.612	0
"2012-09-08	04:00:00"	18.304	38.016	65.181	51.204	0.06126	26.645	0
"2012-09-08	05:00:00"	17.777	42.393	64.226	52.451	0.06169	26.642	0
"2012-09-08	06:00:00"	19.335	53.096	63.287	50.979	0.05681	26.66	0
"2012-09-08	07:00:00"	17.031	54.545	62.42	49.468	0.06805	26.695	0
"2012-09-08	08:00:00"	10.696	56.865	62.08	50.688	4.6101	26.734	0
"2012-09-08	09:00:00"	13.555	52	62.22	51.904	40.099	26.739	0
"2012-09-08	10:00:00"	13.454	51.942	62.586	53.1	122.94	26.745	0
"2012-09-08	11:00:00"	14.418	41.726	65.13	49.364	446	26.748	0
"2012-09-08	12:00:00"	15.485	50.192	66.175	44.306	368.71	26.751	0
"2012-09-08	13:00:00"	13.353	53.476	66.883	42.807	370.89	26.745	0
"2012-09-08	14:00:00"	12.808	47.667	68.133	38.957	466.69	26.734	0
"2012-09-08	15:00:00"	12.363	34.639	69.63	38.338	738.28	26.713	0
"2012-09-08	16:00:00"	12.24	38.003	71.505	34.611	897.77	26.692	0
"2012-09-08	17:00:00"	12.959	31.64	70.652	33.506	488.14	26.68	0
"2012-09-08	18:00:00"	11.059	36.685	68.63	37.319	236.64	26.672	0
"2012-09-08	19:00:00"	10.855	26.343	67.41	41.686	131.03	26.674	0
"2012-09-08	20:00:00"	9.1522	15.544	66.446	44.8	28.285	26.674	0
"2012-09-08	21:00:00"	8.6799	4.647	64.532	47.414	0.19163	26.677	0
"2012-09-08	22:00:00"	6.7729	1.4441	63.333	47.509	0.08734	26.692	0
"2012-09-08	23:00:00"	6.5884	348.52	63.064	50.935	0.06423	26.689	0
"2012-09-09	00:00:00"	4.1887	350.88	61.877	53.066	0.05533	26.689	0
"2012-09-09	01:00:00"	3.3132	340.97	61.788	55.878	0.08373	26.68	0
"2012-09-09	02:00:00"	3.5362	332.99	61.819	57.132	0.05787	26.68	0
"2012-09-09	03:00:00"	3.1168	343.8	61.758	58.142	0.06783	26.68	0
"2012-09-09	04:00:00"	5.6992	358.18	61.559	60.453	0.05829	26.672	0
"2012-09-09	05:00:00"	6.1193	1.417	60.883	65.027	0.06423	26.669	0
"2012-09-09	06:00:00"	5.4836	1.3063	61.093	66.223	0.06529	26.674	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-09	07:00:00"	6.5095	12.592	61.152	68.911	0.0566	26.677	0
"2012-09-09	08:00:00"	6.4442	19.503	60.998	69.818	4.1669	26.683	0
"2012-09-09	09:00:00"	6.832	18.36	62.228	66.475	75.203	26.695	0
"2012-09-09	10:00:00"	6.909	36.889	65.732	53.454	213.12	26.71	0
"2012-09-09	11:00:00"	6.2131	43.617	68.45	45.672	408.56	26.716	0
"2012-09-09	12:00:00"	4.9536	44.068	70.667	38.615	464.52	26.713	0
"2012-09-09	13:00:00"	5.6116	59.165	72.26	36.231	534.15	26.692	0
"2012-09-09	14:00:00"	8.0182	37.441	74.188	34.482	798.27	26.68	0
"2012-09-09	15:00:00"	9.7996	14.808	73.586	35.592	670.32	26.66	0
"2012-09-09	16:00:00"	7.3695	55.041	75.994	31.409	647.22	26.645	0
"2012-09-09	17:00:00"	6.5362	40.031	77.656	29.038	696.31	26.624	0
"2012-09-09	18:00:00"	5.6147	42.991	78.044	28.516	400.06	26.612	0
"2012-09-09	19:00:00"	5.4973	83.834	78.196	28.733	230.12	26.601	0
"2012-09-09	20:00:00"	6.9923	56.295	76.725	28.216	55.356	26.598	0
"2012-09-09	21:00:00"	4.7162	60.435	73.755	32.557	0.94946	26.607	0
"2012-09-09	22:00:00"	4.9293	55.878	70.968	35.374	0.05702	26.615	0
"2012-09-09	23:00:00"	4.6758	55.835	68.326	36.993	0.07398	26.621	0
"2012-09-10	00:00:00"	4.9175	57.255	66.767	38.443	0.06338	26.618	0
"2012-09-10	01:00:00"	5.0424	63.808	65.789	40.22	0.0477	26.612	0
"2012-09-10	02:00:00"	5.2456	61.971	64.455	42.533	0.04367	26.607	0
"2012-09-10	03:00:00"	5.4333	62.578	62.678	45.285	0.06762	26.598	0
"2012-09-10	04:00:00"	5.6284	62.751	60.839	48.794	0.06402	26.592	0
"2012-09-10	05:00:00"	5.6731	84.437	61.313	49.059	0.0513	26.592	0
"2012-09-10	06:00:00"	5.4755	81.625	61.009	47.939	0.07334	26.589	0
"2012-09-10	07:00:00"	5.9881	75.651	59.063	51.46	0.06338	26.592	0
"2012-09-10	08:00:00"	6.3237	100.1	60.349	47.782	18.82	26.604	0
"2012-09-10	09:00:00"	7.3707	144.29	66.772	34.745	157.14	26.607	0
"2012-09-10	10:00:00"	7.39	178.3	71.905	27.152	247.2	26.618	0
"2012-09-10	11:00:00"	9.7164	180.32	77.266	20.527	581.89	26.621	0
"2012-09-10	12:00:00"	8.8701	186.35	79.872	19.458	718.83	26.615	0
"2012-09-10	13:00:00"	10.133	197.29	81.811	18.634	829.89	26.604	0
"2012-09-10	14:00:00"	10.425	204.43	83.342	18.634	880.79	26.574	0
"2012-09-10	15:00:00"	8.5122	211.54	84.523	19.296	867.03	26.547	0
"2012-09-10	16:00:00"	8.7663	200.61	86.096	19.001	787.02	26.527	0
"2012-09-10	17:00:00"	8.6433	185.35	86.866	18.794	654.62	26.506	0
"2012-09-10	18:00:00"	7.9573	173.53	86.938	18.978	478.15	26.488	0
"2012-09-10	19:00:00"	8.2642	173.12	86.353	19.828	272.54	26.483	0
"2012-09-10	20:00:00"	6.6201	163.62	84.466	21.623	80.328	26.477	0
"2012-09-10	21:00:00"	3.8208	135.18	78.767	27.255	0.81654	26.48	0
"2012-09-10	22:00:00"	4.5329	128.3	76.421	31.186	0.0655	26.494	0
"2012-09-10	23:00:00"	6.5859	135.55	74.998	31.459	0.05299	26.503	0
"2012-09-11	00:00:00"	8.6402	158.19	73.878	31.029	0.05172	26.509	0
"2012-09-11	01:00:00"	6.9413	167.96	70.31	34.918	0.05342	26.512	0
"2012-09-11	02:00:00"	7.6565	171.49	70.132	33.131	0.06232	26.503	0
"2012-09-11	03:00:00"	6.937	173.12	70.268	30.878	0.06423	26.494	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-11	04:00:00"	5.6526	174.04	68.102	32.861	0.05427	26.483	0
"2012-09-11	05:00:00"	4.0364	184.42	65.63	36.217	0.06381	26.477	0
"2012-09-11	06:00:00"	4.4608	174.82	63.779	39.869	0.05088	26.48	0
"2012-09-11	07:00:00"	4.8156	181.31	62.919	42.979	0.05914	26.485	0
"2012-09-11	08:00:00"	5.1139	177.99	62.52	43.861	11.739	26.491	0
"2012-09-11	09:00:00"	7.2738	184.09	66.728	38.994	145.86	26.5	0
"2012-09-11	10:00:00"	12.769	185.91	73.145	32.618	351.74	26.509	0
"2012-09-11	11:00:00"	11.822	190.95	77.918	28.291	547.77	26.515	0
"2012-09-11	12:00:00"	11.237	195.13	80.904	26.658	597.62	26.509	0
"2012-09-11	13:00:00"	9.6238	193.85	85.853	25.144	840.35	26.491	0
"2012-09-11	14:00:00"	9.4274	206.8	88.678	23.741	875.36	26.477	0
"2012-09-11	15:00:00"	9.6381	207.9	90.854	21.445	863.09	26.456	0
"2012-09-11	16:00:00"	10.591	200.39	91.916	20.558	786.67	26.432	0
"2012-09-11	17:00:00"	10.578	191.35	92.272	19.676	574.64	26.418	0
"2012-09-11	18:00:00"	10.638	199.45	92.134	19.139	420.38	26.415	0
"2012-09-11	19:00:00"	8.6321	179.18	90.598	20.004	149.82	26.409	0
"2012-09-11	20:00:00"	7.8547	175.46	88.206	21.658	38.83	26.409	0
"2012-09-11	21:00:00"	6.1802	155.21	82.951	27.223	0.33938	26.429	0
"2012-09-11	22:00:00"	8.0573	164.12	79.562	31.214	0.05723	26.453	0
"2012-09-11	23:00:00"	9.9506	165.96	78.594	31.841	0.06677	26.465	0
"2012-09-12	00:00:00"	8.9285	202.5	76.925	32.98	0.05363	26.488	0
"2012-09-12	01:00:00"	6.5524	185.82	74.261	35.113	0.05575	26.477	0
"2012-09-12	02:00:00"	6.343	174.5	72.875	36.133	0.0549	26.468	0
"2012-09-12	03:00:00"	8.7514	174.37	73.76	35.706	0.05299	26.462	0
"2012-09-12	04:00:00"	10.072	172.83	73.496	36.952	0.06593	26.45	0
"2012-09-12	05:00:00"	8.0815	187.93	72.676	38.297	0.06211	26.459	0
"2012-09-12	06:00:00"	5.9123	196.41	71.331	40.079	0.0797	26.45	0
"2012-09-12	07:00:00"	2.8204	213.3	69.304	43.135	0.05024	26.462	0
"2012-09-12	08:00:00"	2.593	219.1	67.787	45.791	6.3019	26.477	0
"2012-09-12	09:00:00"	3.8972	214.7	69.663	43.01	79	26.483	0
"2012-09-12	10:00:00"	6.3349	203.7	73.333	37.314	194.54	26.488	0
"2012-09-12	11:00:00"	5.0896	223.35	77.506	34.19	422.81	26.491	0
"2012-09-12	12:00:00"	4.9989	236.09	82.295	31.742	608.7	26.494	0
"2012-09-12	13:00:00"	7.7168	202.46	84.716	30.794	428.87	26.485	0
"2012-09-12	14:00:00"	9.7537	182.77	84.252	31.209	479.58	26.474	0
"2012-09-12	15:00:00"	10.461	170.25	84.016	32.59	307.22	26.462	0
"2012-09-12	16:00:00"	12.31	167.4	82.283	34.913	260.62	26.444	0
"2012-09-12	17:00:00"	11.748	149.05	85.292	31.177	641.42	26.423	0
"2012-09-12	18:00:00"	12.667	153.92	86.149	27.997	446.69	26.42	0
"2012-09-12	19:00:00"	9.9252	164.78	84.292	29.519	128.21	26.426	0
"2012-09-12	20:00:00"	8.2108	156.23	83.71	31.336	71.913	26.438	0
"2012-09-12	21:00:00"	6.1839	121.37	79.847	36.711	0.29592	26.45	0
"2012-09-12	22:00:00"	7.385	88.591	77.274	41.324	0.05893	26.477	0
"2012-09-12	23:00:00"	6.9966	102.35	76.428	49.158	0.06126	26.503	0
"2012-09-13	00:00:00"	5.6501	258.25	73.133	61.695	0.07207	26.539	0.02

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-13	01:00:00"	9.804	167.2	68.197	68.447	0.06041	0.26518	0
"2012-09-13	02:00:00"	4.4484	290.18	66.245	77.668	0.05172	26.559	0.01
"2012-09-13	03:00:00"	11.432	12.318	64.689	83.721	0.06211	26.539	0.01
"2012-09-13	04:00:00"	16.591	19.435	59.551	87.908	0.05893	26.536	0
"2012-09-13	05:00:00"	16.944	31.092	58.104	87.266	0.07038	26.547	0
"2012-09-13	06:00:00"	14.918	24.683	56.955	87.362	0.06699	26.586	0
"2012-09-13	07:00:00"	14.24	17.335	56.73	88.35	0.06041	26.609	0.02
"2012-09-13	08:00:00"	16.95	20.438	56.045	89.919	0.78602	26.615	0.04
"2012-09-13	09:00:00"	13.041	25.154	56.469	89.889	18.214	26.654	0
"2012-09-13	10:00:00"	14.878	27.373	57.032	89.126	66.379	26.674	0
"2012-09-13	11:00:00"	16.402	29.364	57.511	87.007	94.744	26.683	0
"2012-09-13	12:00:00"	17.528	31.867	57.818	84.631	177.46	26.695	0
"2012-09-13	13:00:00"	18.77	31.71	58.348	80.368	254.13	26.701	0
"2012-09-13	14:00:00"	17.251	30.819	59.378	77.759	296.25	26.698	0
"2012-09-13	15:00:00"	17.505	35.98	59.15	77.452	130.84	26.692	0
"2012-09-13	16:00:00"	16.264	36.333	58.743	77.934	94.439	26.692	0
"2012-09-13	17:00:00"	16.12	35.747	58.817	77.512	122.23	26.683	0
"2012-09-13	18:00:00"	15.882	36.58	58.317	80.452	69.081	26.683	0
"2012-09-13	19:00:00"	14.696	34.882	57.6	83.631	41.966	26.704	0
"2012-09-13	20:00:00"	13.959	32.104	57.122	82.843	9.1032	26.71	0
"2012-09-13	21:00:00"	13.242	24.029	58.179	75.677	0.09539	26.736	0
"2012-09-13	22:00:00"	14.016	35.602	58.037	75.302	0.07716	26.748	0
"2012-09-13	23:00:00"	12.796	42.805	58.248	73.467	0.07123	26.766	0
"2012-09-14	00:00:00"	13.799	37.486	57.79	76.117	0.0655	26.778	0
"2012-09-14	01:00:00"	12.142	42.663	55.914	84.384	0.06381	26.778	0
"2012-09-14	02:00:00"	10.243	41.521	55.709	83.216	0.05299	26.769	0
"2012-09-14	03:00:00"	10.271	26.925	55.66	82.306	0.07546	26.763	0
"2012-09-14	04:00:00"	11.906	28.912	55.531	80.7	0.05681	26.745	0
"2012-09-14	05:00:00"	11.038	21.273	55.553	79.121	0.0602	26.742	0
"2012-09-14	06:00:00"	8.5047	26.002	55.204	79.578	0.06741	26.751	0
"2012-09-14	07:00:00"	5.9869	3.3255	55.238	80.372	0.06423	26.757	0
"2012-09-14	08:00:00"	8.5923	0.95206	54.965	80.271	2.6211	26.763	0
"2012-09-14	09:00:00"	11.814	4.832	55.106	76.713	67.5	26.769	0
"2012-09-14	10:00:00"	13.771	11.998	55.582	71.631	153.65	26.778	0
"2012-09-14	11:00:00"	13.717	19.525	56.27	71.597	232.37	26.784	0
"2012-09-14	12:00:00"	14.73	18.592	56.83	70.216	387.72	26.787	0
"2012-09-14	13:00:00"	13.96	25.194	60.234	62.321	652.86	26.778	0
"2012-09-14	14:00:00"	12.227	22.874	63.53	55.595	848.35	26.76	0
"2012-09-14	15:00:00"	10.417	21.366	66.161	51.196	723.69	26.736	0
"2012-09-14	16:00:00"	9.8897	16.335	67.691	47.215	667.58	26.713	0
"2012-09-14	17:00:00"	9.7288	28.27	68.806	43.149	617.05	26.701	0
"2012-09-14	18:00:00"	9.8935	28.755	69.378	41.869	386.43	26.695	0
"2012-09-14	19:00:00"	9.5393	23.334	69.157	40.675	267.06	26.692	0
"2012-09-14	20:00:00"	7.8784	28.806	67.493	39.009	65.563	26.698	0
"2012-09-14	21:00:00"	7.4359	70.64	62.195	61.825	0.31564	26.71	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-14	22:00:00"	6.1261	66.719	58.373	73.951	0.06084	26.722	0
"2012-09-14	23:00:00"	5.4264	66.756	55.61	81.681	0.04833	26.725	0
"2012-09-15	00:00:00"	4.7988	60.642	53.581	86.022	0.06995	26.725	0
"2012-09-15	01:00:00"	3.781	40.018	51.774	89.507	0.06296	26.725	0
"2012-09-15	02:00:00"	3.9575	32.076	51.792	91.543	0.06126	26.722	0
"2012-09-15	03:00:00"	2.0375	38.1	51.467	93.207	0.06126	26.728	0
"2012-09-15	04:00:00"	2.6719	66.382	52.811	94.088	0.06699	26.701	0
"2012-09-15	05:00:00"	3.1671	356.21	52.66	94.416	0.07695	26.704	0
"2012-09-15	06:00:00"	2.8925	292.47	53.146	94.649	0.06635	26.689	0
"2012-09-15	07:00:00"	2.2966	338.58	53.621	94.574	0.0566	26.701	0
"2012-09-15	08:00:00"	4.9362	306.09	53.43	93.217	2.2438	26.704	0
"2012-09-15	09:00:00"	5.7777	324.72	55.556	85.379	31.452	26.71	0
"2012-09-15	10:00:00"	5.6348	330.8	58.107	74.865	100.14	26.707	0
"2012-09-15	11:00:00"	4.6106	316.8	59.622	59.673	114.84	26.713	0
"2012-09-15	12:00:00"	2.995	264.63	60.506	57.339	125.73	26.71	0
"2012-09-15	13:00:00"	6.3945	203.72	60.16	74.712	228.79	26.698	0
"2012-09-15	14:00:00"	4.3235	253.9	62.686	58.743	342.78	26.686	0
"2012-09-15	15:00:00"	4.229	308.02	65.183	38.638	357.91	26.669	0
"2012-09-15	16:00:00"	4.3446	321.83	66.784	36.335	405.07	26.648	0
"2012-09-15	17:00:00"	3.7518	290.92	68.867	35.594	547.48	26.621	0
"2012-09-15	18:00:00"	5.2972	186.77	67.933	53.089	343.39	26.609	0
"2012-09-15	19:00:00"	7.4192	210.48	67.881	53.799	225.17	26.601	0
"2012-09-15	20:00:00"	8.094	198.55	65.346	61.812	48.554	26.592	0
"2012-09-15	21:00:00"	5.3885	199.32	61.85	71.051	0.28681	26.601	0
"2012-09-15	22:00:00"	4.7143	182.49	59.16	79.893	0.05999	26.615	0
"2012-09-15	23:00:00"	5.322	201.67	56.964	85.67	0.06762	26.612	0
"2012-09-16	00:00:00"	4.8044	210.19	55.448	88.773	0.06677	26.607	0
"2012-09-16	01:00:00"	4.1421	206.68	54.402	91.441	0.07886	26.598	0
"2012-09-16	02:00:00"	3.804	219.67	53.787	92.708	0.06995	26.58	0
"2012-09-16	03:00:00"	3.3492	231.38	53.021	92.981	0.06529	26.568	0
"2012-09-16	04:00:00"	2.9018	240.81	52.472	93.603	0.06783	26.559	0
"2012-09-16	05:00:00"	2.1462	250.84	51.319	93.876	0.05469	26.547	0
"2012-09-16	06:00:00"	1.9946	227.77	50.203	94.107	0.06041	26.536	0
"2012-09-16	07:00:00"	2.8658	240.42	49.122	94.205	0.07419	26.539	0
"2012-09-16	08:00:00"	3.0012	249.42	48.89	94.488	6.8467	26.547	0.01
"2012-09-16	09:00:00"	2.268	277.92	50.913	94.676	134.5	26.553	0
"2012-09-16	10:00:00"	3.105	240.18	54.325	93.752	330.78	26.559	0
"2012-09-16	11:00:00"	3.9849	254.94	62.513	71.177	556.25	26.559	0
"2012-09-16	12:00:00"	4.8299	220.67	69.362	51.39	727.47	26.545	0
"2012-09-16	13:00:00"	5.5899	187.76	74.06	38.644	844.41	26.527	0
"2012-09-16	14:00:00"	5.5793	181.37	76.186	32.687	892.18	26.509	0
"2012-09-16	15:00:00"	4.4453	324.89	78.688	26.181	878.44	26.483	0
"2012-09-16	16:00:00"	4.6659	346.15	80.293	23.817	799.7	26.459	0
"2012-09-16	17:00:00"	9.4933	151.06	80.349	27.72	677.28	26.444	0
"2012-09-16	18:00:00"	8.6625	152.84	79.893	28.085	485.97	26.438	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-16	19:00:00"	7.5105	170.31	79.353	28.637	258.39	26.435	0
"2012-09-16	20:00:00"	6.6157	162.58	76.187	32.227	61.107	26.441	0
"2012-09-16	21:00:00"	4.408	148.91	69.963	40.774	0.28702	26.444	0
"2012-09-16	22:00:00"	4.9237	156.37	66.52	51.593	0.07059	26.45	0
"2012-09-16	23:00:00"	4.1563	152.99	63.986	58.621	0.04579	26.453	0
"2012-09-17	00:00:00"	3.2106	134.61	63.179	60.964	0.05215	26.453	0
"2012-09-17	01:00:00"	3.1597	148.24	61.818	63.046	0.0867	26.447	0
"2012-09-17	02:00:00"	2.2599	191.01	60.85	66.414	0.06656	26.438	0
"2012-09-17	03:00:00"	1.3353	221.69	59.041	72.067	0.05045	26.426	0
"2012-09-17	04:00:00"	2.0965	199.05	58.674	72.856	0.06593	26.406	0
"2012-09-17	05:00:00"	2.4532	228.52	56.951	77.315	0.06296	26.4	0
"2012-09-17	06:00:00"	1.4683	227.47	55.716	83.249	0.05914	26.394	0
"2012-09-17	07:00:00"	1.7753	211.94	54.292	88.931	0.06974	26.397	0
"2012-09-17	08:00:00"	1.4198	195.33	53.808	92.279	9.7695	26.403	0
"2012-09-17	09:00:00"	1.7809	225.89	55.445	92.726	148.49	26.409	0
"2012-09-17	10:00:00"	6.1311	214.98	62.614	77.082	343	26.412	0
"2012-09-17	11:00:00"	5.7775	221.62	70.541	52.306	558.55	26.432	0
"2012-09-17	12:00:00"	8.3761	212.45	77.356	32.59	735.89	26.426	0
"2012-09-17	13:00:00"	7.0749	209.65	81.096	26.321	834.92	26.415	0
"2012-09-17	14:00:00"	7.0314	213.78	82.873	24.914	726.17	26.394	0
"2012-09-17	15:00:00"	5.4985	225.38	84.982	23.477	803.25	26.373	0
"2012-09-17	16:00:00"	5.8931	219.59	88.145	20.651	788.78	26.341	0
"2012-09-17	17:00:00"	6.9376	215.34	90.055	18.377	690.39	26.335	0
"2012-09-17	18:00:00"	9.0291	345.61	91.238	10.757	473.5	26.335	0
"2012-09-17	19:00:00"	8.6911	345.1	90.21	11.517	268.71	26.338	0
"2012-09-17	20:00:00"	8.9713	40.537	86.12	18.625	68.841	26.35	0
"2012-09-17	21:00:00"	4.9275	132.71	77.911	30.335	0.26667	26.361	0
"2012-09-17	22:00:00"	5.0325	92.337	73.697	34.116	0.06571	26.406	0
"2012-09-17	23:00:00"	10.222	44.133	71.591	38.283	0.05723	26.447	0
"2012-09-18	00:00:00"	13.799	39.837	71.024	37.593	0.05766	26.477	0
"2012-09-18	01:00:00"	14.641	25.767	67.844	41.317	0.05851	26.488	0
"2012-09-18	02:00:00"	16.573	21.117	66.856	44.122	0.07123	0.26488	0
"2012-09-18	03:00:00"	13.101	32.779	65.603	49.525	0.06275	26.509	0
"2012-09-18	04:00:00"	15.698	31.93	64.592	52.552	0.06126	26.512	0
"2012-09-18	05:00:00"	12.91	53.43	63.572	56.731	0.05872	26.518	0
"2012-09-18	06:00:00"	15.624	33.214	61.622	64.874	0.06232	26.539	0
"2012-09-18	07:00:00"	16.802	41.518	59.683	68.897	0.05681	26.568	0
"2012-09-18	08:00:00"	11.72	51.236	57.862	73.924	5.4547	26.583	0
"2012-09-18	09:00:00"	10.199	46.18	58.332	74.494	124.24	26.621	0
"2012-09-18	10:00:00"	13.595	55.402	62.293	64.2	336.56	26.645	0
"2012-09-18	11:00:00"	13.167	55.39	64.742	58.553	549.86	26.654	0
"2012-09-18	12:00:00"	9.1578	73.178	67.647	54.006	724.77	26.66	0
"2012-09-18	13:00:00"	6.1975	73.853	70.826	48.974	837.61	26.651	0
"2012-09-18	14:00:00"	5.3115	92.937	73.926	43.733	971.61	26.636	0
"2012-09-18	15:00:00"	4.0203	3.5027	76.068	40.135	676.82	26.615	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-18	16:00:00"	5.0586	308.34	78.291	35.365	927.21	26.589	0
"2012-09-18	17:00:00"	3.8245	341	79.299	32.931	595.09	26.568	0
"2012-09-18	18:00:00"	3.9699	84.416	78.163	34.484	288.23	26.556	0
"2012-09-18	19:00:00"	6.4312	143.95	79.026	34.621	297.8	26.553	0
"2012-09-18	20:00:00"	7.5584	184.17	76.828	38.558	68.069	26.559	0
"2012-09-18	21:00:00"	4.843	169.9	71.661	45.875	0.18909	26.574	0
"2012-09-18	22:00:00"	3.8941	161.55	67.757	51.396	0.06253	26.583	0
"2012-09-18	23:00:00"	3.9482	145.71	66.276	55.395	0.05045	26.592	0
"2012-09-19	00:00:00"	3.9675	152.28	64.437	60.363	0.05109	26.589	0
"2012-09-19	01:00:00"	2.104	229.17	62.706	64.356	0.0619	26.58	0
"2012-09-19	02:00:00"	1.5317	175.23	61.086	67.479	0.05745	26.58	0
"2012-09-19	03:00:00"	3.1404	162.81	60.057	70.21	0.07017	26.58	0
"2012-09-19	04:00:00"	3.8438	195.68	59.391	72.305	0.05808	26.565	0
"2012-09-19	05:00:00"	3.996	190.3	57.829	76.728	0.05193	26.556	0
"2012-09-19	06:00:00"	2.954	237.67	56.302	81.182	0.07674	26.559	0
"2012-09-19	07:00:00"	3.3262	227.24	55.909	82.877	0.06338	26.568	0
"2012-09-19	08:00:00"	3.796	212.12	55.465	83.042	8.1947	26.574	0
"2012-09-19	09:00:00"	5.1897	216.8	58.122	79.072	133.19	26.589	0
"2012-09-19	10:00:00"	12.276	197.74	65.76	63.897	341.28	26.598	0
"2012-09-19	11:00:00"	12.357	205.24	71.127	54.795	555.16	26.598	0
"2012-09-19	12:00:00"	12.714	207	76.372	44.838	727.64	26.592	0
"2012-09-19	13:00:00"	11.6	203.97	80.272	35.579	845.2	26.577	0
"2012-09-19	14:00:00"	10.467	198.17	83.224	29.44	898.92	26.565	0
"2012-09-19	15:00:00"	9.7046	198.59	85.088	25.692	885.24	26.542	0
"2012-09-19	16:00:00"	10.448	194.91	85.976	23.539	800.31	26.521	0
"2012-09-19	17:00:00"	9.9767	188.82	87.021	21.531	657.56	26.509	0
"2012-09-19	18:00:00"	11.416	179.69	86.772	20.589	464.94	26.506	0
"2012-09-19	19:00:00"	11.623	187.23	85.683	19.851	246.11	26.506	0
"2012-09-19	20:00:00"	10.021	186.41	82.489	21.866	55.153	26.509	0
"2012-09-19	21:00:00"	6.8543	179.02	76.392	26.922	0.14075	26.518	0
"2012-09-19	22:00:00"	6.8152	171.08	71.796	32.515	0.05787	26.527	0
"2012-09-19	23:00:00"	7.582	177.46	71.167	35.224	0.08055	26.536	0
"2012-09-20	00:00:00"	10.333	178.67	71.528	38.934	0.06932	26.53	0
"2012-09-20	01:00:00"	11.085	184.43	70.515	41.864	0.04918	26.524	0
"2012-09-20	02:00:00"	10.28	189.53	69.047	44.948	0.04854	26.518	0
"2012-09-20	03:00:00"	7.3757	196.69	66.482	50.258	0.06253	26.515	0
"2012-09-20	04:00:00"	4.7	216.47	62.735	58.363	0.0744	26.503	0
"2012-09-20	05:00:00"	4.9828	224.7	59.97	65.481	0.06211	26.497	0
"2012-09-20	06:00:00"	3.6748	222	59.112	69.315	0.06041	26.491	0
"2012-09-20	07:00:00"	3.5064	258.65	57.88	71.694	0.06571	26.5	0
"2012-09-20	08:00:00"	3.6518	265.33	57.376	72.849	7.8522	26.512	0
"2012-09-20	09:00:00"	4.444	251.12	59.537	69.518	134.72	26.518	0
"2012-09-20	10:00:00"	7.7056	220.02	67.504	52.691	350.42	26.527	0
"2012-09-20	11:00:00"	8.5668	206.49	74.643	39.411	561.55	26.539	0
"2012-09-20	12:00:00"	9.9158	208.46	79.803	33.197	734.44	26.533	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-20	13:00:00"	9.1584	216.37	84.592	27.02	817.34	26.518	0
"2012-09-20	14:00:00"	9.1683	222.56	88.225	21.654	863.15	26.494	0
"2012-09-20	15:00:00"	10.302	225.56	90.867	17.474	879.32	26.471	0
"2012-09-20	16:00:00"	10.878	210.98	91.942	15.292	695.87	26.447	0
"2012-09-20	17:00:00"	12.39	195.52	92.151	14.93	642.74	26.429	0
"2012-09-20	18:00:00"	11.715	195.99	91.165	15.442	362.42	26.423	0
"2012-09-20	19:00:00"	13.217	187.09	89.575	14.821	183.13	26.426	0
"2012-09-20	20:00:00"	10.298	179.55	86.192	15.012	46.935	26.429	0
"2012-09-20	21:00:00"	6.0633	169.91	79.035	18.605	0.12062	26.441	0
"2012-09-20	22:00:00"	7.4484	166.05	74.978	23.662	0.06741	26.456	0
"2012-09-20	23:00:00"	12.631	176.17	76.608	30.263	0.05109	26.465	0
"2012-09-21	00:00:00"	10.988	183.01	74.009	35.776	0.05172	26.474	0
"2012-09-21	01:00:00"	10.06	182.06	72.091	38.732	0.07398	26.471	0
"2012-09-21	02:00:00"	11.148	186.58	72.022	38.721	0.06126	26.468	0
"2012-09-21	03:00:00"	12.006	189.21	70.983	40.686	0.05893	26.462	0
"2012-09-21	04:00:00"	11.001	189.07	69.259	43.917	0.06571	26.459	0
"2012-09-21	05:00:00"	8.8986	204.59	67.922	47.198	0.05745	26.456	0
"2012-09-21	06:00:00"	7.4378	186.77	65.587	52.209	0.07186	26.462	0
"2012-09-21	07:00:00"	7.8013	191.43	63.375	54.586	0.0797	26.471	0
"2012-09-21	08:00:00"	4.2309	184.73	60.458	58.5	5.9965	26.48	0
"2012-09-21	09:00:00"	6.5281	192.57	62.326	54.778	166.14	26.491	0
"2012-09-21	10:00:00"	10.227	197.8	68.903	44.934	411.18	26.497	0
"2012-09-21	11:00:00"	9.0546	194.79	73.402	38.688	409.29	26.509	0
"2012-09-21	12:00:00"	7.2787	204.95	78.433	30.071	657.15	26.503	0
"2012-09-21	13:00:00"	5.2698	251.67	81.864	24.907	873.07	26.5	0
"2012-09-21	14:00:00"	3.6245	100.86	84.965	20.896	904.36	26.48	0
"2012-09-21	15:00:00"	3.8102	340.31	88.62	16.62	883.43	26.456	0
"2012-09-21	16:00:00"	4.3583	8.3025	90.694	14.525	795.71	26.435	0
"2012-09-21	17:00:00"	5.46	108.56	91.912	13.888	646.37	26.423	0
"2012-09-21	18:00:00"	6.2616	125.12	92.2	13.268	449.84	26.423	0
"2012-09-21	19:00:00"	6.6797	126.81	91.32	13.178	227.47	26.429	0
"2012-09-21	20:00:00"	6.6157	150.66	86.749	16.603	44.733	26.441	0
"2012-09-21	21:00:00"	4.8554	142.75	79.593	21.382	0.07313	26.456	0
"2012-09-21	22:00:00"	4.5286	132.85	77.128	25.345	0.04685	26.468	0
"2012-09-21	23:00:00"	5.7986	133.36	76.446	25.636	0.04558	26.485	0
"2012-09-22	00:00:00"	8.8732	166.42	74.61	30.093	0.05851	26.491	0
"2012-09-22	01:00:00"	7.2452	179.37	70.522	35.93	0.04155	0	0
"2012-09-22	02:00:00"	5.0704	198.57	67.7	40.655	0.07292	26.503	0
"2012-09-22	03:00:00"	3.384	190.17	64.648	45.934	0.06359	26.515	0
"2012-09-22	04:00:00"	4.874	190.24	64.371	46.971	0.06805	26.515	0
"2012-09-22	05:00:00"	5.1015	185.64	63.878	46.686	0.06656	26.512	0
"2012-09-22	06:00:00"	2.4755	170.71	60.529	52.151	0.06359	0	0
"2012-09-22	07:00:00"	3.0926	154.67	59.513	53.888	0.08013	26.542	0
"2012-09-22	08:00:00"	3.8264	127.97	60.198	52.332	7.4502	26.559	0
"2012-09-22	09:00:00"	5.2114	94.221	62.037	49.975	131.35	26.583	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-22	10:00:00"	6.1913	151.68	70.642	38.219	345.01	26.601	0
"2012-09-22	11:00:00"	5.217	171.47	75.98	31.35	558.79	26.604	0
"2012-09-22	12:00:00"	3.676	177.22	81.526	24.643	732.83	26.604	0
"2012-09-22	13:00:00"	4.9306	172.65	86.304	16.627	848.36	26.598	0
"2012-09-22	14:00:00"	7.252	161.9	88.968	12.333	897.84	26.589	0
"2012-09-22	15:00:00"	8.0915	163.26	90.565	10.164	881.19	26.574	0
"2012-09-22	16:00:00"	9.5331	148.09	90.757	11.738	793.99	26.565	0
"2012-09-22	17:00:00"	9.7419	153.28	90.652	12.362	641.9	26.556	0
"2012-09-22	18:00:00"	9.3324	145.72	89.999	12.914	443.34	26.553	0
"2012-09-22	19:00:00"	10.105	156.43	88.534	13.618	222.36	26.559	0
"2012-09-22	20:00:00"	6.8021	154.51	84.536	15.783	41.752	26.568	0
"2012-09-22	21:00:00"	5.1723	142.45	77.651	20.414	0.05088	26.58	0
"2012-09-22	22:00:00"	4.7361	149.47	72.938	24.696	0.04897	26.595	0
"2012-09-22	23:00:00"	6.4461	154.4	71.649	26.764	0.07462	26.607	0
"2012-09-23	00:00:00"	7.4627	161.27	70.423	27.223	0.07398	26.609	0
"2012-09-23	01:00:00"	6.9935	167.57	68.406	29.709	0.05172	26.607	0
"2012-09-23	02:00:00"	6.6524	164.71	67.028	31.463	0.0655	0.02658	0
"2012-09-23	03:00:00"	7.6284	170.96	66.446	32.406	0.05723	26.609	0
"2012-09-23	04:00:00"	6.6425	176.71	63.429	36.541	0.04473	26.609	0
"2012-09-23	05:00:00"	5.3053	183.18	62.144	39.526	0.06911	26.607	0
"2012-09-23	06:00:00"	4.6273	197.94	61.341	42.946	0.0619	26.607	0
"2012-09-23	07:00:00"	3.1771	195.05	58.645	49.119	0.07419	26.618	0
"2012-09-23	08:00:00"	3.8743	266.8	58.535	51.017	5.5797	26.636	0
"2012-09-23	09:00:00"	3.0292	240.45	61.282	46.649	121.88	26.648	0
"2012-09-23	10:00:00"	7.6982	197.74	69.49	36.462	333.09	26.669	0
"2012-09-23	11:00:00"	10.04	194.06	74.65	30.654	547.38	26.674	0
"2012-09-23	12:00:00"	9.7332	194.26	78.455	28.784	725.13	26.674	0
"2012-09-23	13:00:00"	8.7464	182.22	81.627	24.575	843.43	26.669	0
"2012-09-23	14:00:00"	11.161	182.76	83.932	21.064	890.47	26.648	0
"2012-09-23	15:00:00"	12.978	178.3	85.574	16.791	873.62	26.624	0
"2012-09-23	16:00:00"	11.68	159.16	86.2	16.379	785.75	26.609	0
"2012-09-23	17:00:00"	10.19	157.19	86.43	15.687	639.38	26.598	0
"2012-09-23	18:00:00"	10.937	151.98	85.845	16.521	451.08	26.586	0
"2012-09-23	19:00:00"	11.136	140.9	84.862	17.292	234.81	26.586	0
"2012-09-23	20:00:00"	8.4805	155.61	81.445	21.06	46.765	26.598	0
"2012-09-23	21:00:00"	4.28	148.86	74.799	27.105	0.05766	26.612	0
"2012-09-23	22:00:00"	4.4577	142.21	72.181	31.919	0.04918	26.621	0
"2012-09-23	23:00:00"	6.0944	126.04	70.652	35.486	0.06953	26.621	0
"2012-09-24	00:00:00"	8.4109	148.03	71.387	37.269	0.06465	26.621	0
"2012-09-24	01:00:00"	6.8351	153.79	69.134	40.863	0.05172	26.615	0
"2012-09-24	02:00:00"	5.8688	151.72	66.409	46.665	0.05787	26.604	0
"2012-09-24	03:00:00"	5.455	152.78	65.977	51.54	0.07525	26.595	0
"2012-09-24	04:00:00"	4.9039	154.27	64.545	56.762	0.07144	26.58	0
"2012-09-24	05:00:00"	3.397	178	62.817	61.822	0.04324	26.577	0
"2012-09-24	06:00:00"	5.8073	167.77	62.751	65.931	0.07568	26.565	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-24	07:00:00"	3.1361	186.61	60.973	72.738	0.04727	26.565	0
"2012-09-24	08:00:00"	3.6518	188.69	59.714	78.587	6.338	26.568	0
"2012-09-24	09:00:00"	7.2632	183.7	63.321	75.774	124.93	26.58	0
"2012-09-24	10:00:00"	12.949	185.02	70.11	61.355	364.52	26.583	0
"2012-09-24	11:00:00"	13.696	192.5	75.037	48.946	539.6	26.58	0
"2012-09-24	12:00:00"	12.782	192.1	78.843	41.187	715.55	26.568	0
"2012-09-24	13:00:00"	11.838	200.82	81.803	32.79	778.34	26.542	0
"2012-09-24	14:00:00"	11.027	205.87	84.33	25.222	878.13	26.515	0
"2012-09-24	15:00:00"	10.343	207.54	86.066	20.022	872.56	26.483	0
"2012-09-24	16:00:00"	9.6754	190.19	86.891	18.206	766.3	26.459	0
"2012-09-24	17:00:00"	11.088	198.98	87.641	16.498	641.21	26.441	0
"2012-09-24	18:00:00"	8.9508	198.76	87.673	15.631	431.14	26.429	0
"2012-09-24	19:00:00"	8.2928	212.27	87.288	13.389	212.29	26.426	0
"2012-09-24	20:00:00"	5.8719	176.65	83.644	16.446	40.462	26.426	0
"2012-09-24	21:00:00"	5.8372	146.57	77.816	22.257	0.06253	26.423	0
"2012-09-24	22:00:00"	8.1735	139.49	76.218	28.877	0.07165	26.435	0
"2012-09-24	23:00:00"	10.037	151.97	75.513	35.118	0.07419	26.435	0
"2012-09-25	00:00:00"	10.44	164.49	73.708	39.219	0.04791	26.429	0
"2012-09-25	01:00:00"	12.393	178.15	72.874	46.361	0.05215	26.423	0
"2012-09-25	02:00:00"	11.345	184.15	71.305	52.08	0.05872	26.42	0
"2012-09-25	03:00:00"	10.676	187.03	70.014	55.139	0.05533	26.418	0
"2012-09-25	04:00:00"	10.141	189.55	68.266	58.402	0.05723	26.409	0
"2012-09-25	05:00:00"	10.003	186.37	66.668	61.928	0.06826	26.394	0
"2012-09-25	06:00:00"	11.074	179.55	66.005	64.394	0.05511	26.391	0
"2012-09-25	07:00:00"	10.887	185.58	66.029	64.857	0.05342	26.397	0
"2012-09-25	08:00:00"	7.8498	201.44	64.338	68.205	6.4781	26.418	0
"2012-09-25	09:00:00"	4.7224	240.57	63.865	69.369	126.41	26.435	0
"2012-09-25	10:00:00"	7.0631	228.49	68.874	59.457	334.86	26.45	0
"2012-09-25	11:00:00"	6.5064	229.21	74.065	47.151	551.86	26.456	0
"2012-09-25	12:00:00"	3.645	317.3	79.253	32.417	745.63	26.444	0
"2012-09-25	13:00:00"	4.4217	71.036	82.794	26.313	868.39	26.423	0
"2012-09-25	14:00:00"	4.6273	134.58	86.422	20.246	880.16	26.397	0
"2012-09-25	15:00:00"	3.9395	273.27	88.922	16.983	825.48	26.376	0
"2012-09-25	16:00:00"	4.4055	284.31	88.738	16.745	507.91	26.356	0
"2012-09-25	17:00:00"	5.1338	291.49	90.422	15.606	548.6	26.353	0
"2012-09-25	18:00:00"	6.8947	303.99	88.502	17.097	193.57	26.356	0
"2012-09-25	19:00:00"	6.6101	204.31	88.309	17.402	163.33	26.353	0
"2012-09-25	20:00:00"	4.549	210.11	84.435	19.653	19.028	26.35	0
"2012-09-25	21:00:00"	3.2411	152.33	78.514	23.768	0.06381	26.358	0
"2012-09-25	22:00:00"	5.2058	103.35	75.067	28.559	0.05427	26.376	0
"2012-09-25	23:00:00"	7.5571	157.26	74.033	33.856	0.06105	26.391	0
"2012-09-26	00:00:00"	6.9923	182.5	71.816	42.229	0.07695	26.388	0
"2012-09-26	01:00:00"	5.4109	174.8	68.036	49.222	0.05469	26.385	0
"2012-09-26	02:00:00"	3.868	196.33	66.067	52.361	0.06359	26.388	0
"2012-09-26	03:00:00"	3.9811	204.24	65.178	53.681	0.07504	26.394	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-26	04:00:00"	4.5	194.17	64.247	61.221	0.06232	26.385	0
"2012-09-26	05:00:00"	3.7369	194.32	63.692	67.43	0.06444	26.376	0
"2012-09-26	06:00:00"	3.8003	200.65	62.986	71.284	0.05278	26.385	0
"2012-09-26	07:00:00"	2.9695	213.57	61.489	75.11	0.06084	26.394	0
"2012-09-26	08:00:00"	3.4784	214.6	61.009	77.302	4.9207	26.403	0
"2012-09-26	09:00:00"	3.8494	208.44	62.608	75.767	98.025	26.418	0
"2012-09-26	10:00:00"	10.489	202.81	70.411	61.587	349.72	26.438	0
"2012-09-26	11:00:00"	9.6573	190.28	75.86	50.959	593.41	26.45	0
"2012-09-26	12:00:00"	7.4322	187.31	77.911	46.806	686.42	26.447	0
"2012-09-26	13:00:00"	6.3367	205.45	83.211	35.621	807.73	26.441	0
"2012-09-26	14:00:00"	6.3125	218.3	84.56	32.427	498.43	26.438	0
"2012-09-26	15:00:00"	6.3243	205.83	84.159	32.106	220.33	26.432	0
"2012-09-26	16:00:00"	7.2632	282.16	84.039	25.987	206.52	26.423	0
"2012-09-26	17:00:00"	8.148	319.67	85.13	21.618	424.54	26.391	0
"2012-09-26	18:00:00"	5.122	143.18	87.632	19.682	429.05	26.382	0
"2012-09-26	19:00:00"	16.58	173.93	82.684	32.902	170.44	26.409	0
"2012-09-26	20:00:00"	13.525	182.49	77.986	40.704	41.807	26.418	0
"2012-09-26	21:00:00"	4.6938	167.5	74.051	43.457	0.05299	26.444	0
"2012-09-26	22:00:00"	6.5449	99.921	71.713	49.357	0.06253	26.485	0
"2012-09-26	23:00:00"	8.752	86.274	71.426	61.801	0.06296	26.491	0
"2012-09-27	00:00:00"	9.4548	98.359	69.587	74.791	0.06084	26.491	0
"2012-09-27	01:00:00"	5.7806	113.85	68.137	81.232	0.07483	26.506	0.01
"2012-09-27	02:00:00"	8.1959	173.35	69.344	76.996	0.04982	26.497	0
"2012-09-27	03:00:00"	11.379	126.19	69.814	73.394	0.06677	26.491	0
"2012-09-27	04:00:00"	13.277	142.21	68.516	79.296	0.05766	26.494	0
"2012-09-27	05:00:00"	12.731	146.42	67.943	80.048	0.06296	26.485	0
"2012-09-27	06:00:00"	9.7431	138.48	67.029	79.083	0.0407	26.503	0
"2012-09-27	07:00:00"	5.8427	163.05	65.938	82.147	0.05257	26.527	0
"2012-09-27	08:00:00"	2.813	115.11	65.529	83.38	1.5002	26.536	0
"2012-09-27	09:00:00"	4.4931	81.033	65.197	85.273	27.433	26.568	0
"2012-09-27	10:00:00"	3.6487	8.6655	65.566	86.076	48.631	26.58	0.01
"2012-09-27	11:00:00"	5.7576	35.467	65.959	87.865	56.493	26.586	0.02
"2012-09-27	12:00:00"	8.4904	12.307	65.977	89.525	86.418	26.577	0.02
"2012-09-27	13:00:00"	6.3908	83.463	66.683	89.527	97.726	26.595	0.04
"2012-09-27	14:00:00"	6.9227	74.051	66.969	84.067	222.05	26.571	0.02
"2012-09-27	15:00:00"	6.2118	74.783	69.467	72.926	294.8	26.55	0
"2012-09-27	16:00:00"	3.8009	77.587	71.318	66.798	289.55	26.533	0
"2012-09-27	17:00:00"	5.322	94.988	72.639	58.294	180.34	26.524	0
"2012-09-27	18:00:00"	7.2868	114.47	73.58	56.214	209.19	26.518	0
"2012-09-27	19:00:00"	11.072	106.72	71.961	67.151	77.422	26.518	0
"2012-09-27	20:00:00"	10.269	109.11	68.575	77.382	7.7947	26.524	0
"2012-09-27	21:00:00"	8.0815	108.28	67.305	79.594	0.07334	26.524	0
"2012-09-27	22:00:00"	5.7657	101.64	66.231	81.91	0.06317	26.539	0
"2012-09-27	23:00:00"	7.6621	115.7	66.072	79.816	0.08288	26.545	0
"2012-09-28	00:00:00"	9.6424	136.13	64.888	86.681	0.05511	26.545	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-28	01:00:00"	4.198	157.02	64.207	89.352	0.046	26.556	0
"2012-09-28	02:00:00"	3.9227	173.13	63.871	89.249	0.06275	26.55	0
"2012-09-28	03:00:00"	3.3107	140.21	63.722	90.189	0.04982	26.539	0
"2012-09-28	04:00:00"	1.5808	358.84	63.712	91.11	0.05617	26.53	0
"2012-09-28	05:00:00"	3.2187	74.265	63.557	92.069	0.06741	26.512	0
"2012-09-28	06:00:00"	2.67	67.956	63.618	92.541	0.06041	26.521	0
"2012-09-28	07:00:00"	4.6298	95.01	64.028	92.42	0.06508	26.521	0
"2012-09-28	08:00:00"	6.8419	95.641	64.431	91.995	0.60563	26.524	0
"2012-09-28	09:00:00"	9.1764	101.74	64.332	92.405	16.346	26.53	0
"2012-09-28	10:00:00"	10.917	87.944	63.255	92.844	61.403	26.547	0.01
"2012-09-28	11:00:00"	13.558	84.69	63.287	91.114	126.03	26.559	0.01
"2012-09-28	12:00:00"	13.085	78.644	63.695	87.073	211.76	26.55	0
"2012-09-28	13:00:00"	13.857	90.08	63.931	87.704	257.23	26.542	0.01
"2012-09-28	14:00:00"	13.993	104.42	62.538	87.855	189.61	26.536	0
"2012-09-28	15:00:00"	13.755	98.352	60.704	91.717	84.26	26.527	0.15
"2012-09-28	16:00:00"	10.811	90.664	60.719	92.5	88.571	26.518	0.14
"2012-09-28	17:00:00"	10.679	67.984	60.575	91.871	83.417	26.506	0.05
"2012-09-28	18:00:00"	10.873	49.172	60.631	92.016	49.57	26.5	0.11
"2012-09-28	19:00:00"	11.024	38.537	60.464	93.358	14.967	26.497	0.2
"2012-09-28	20:00:00"	12.769	48.76	60.807	92.895	2.4511	26.494	0.08
"2012-09-28	21:00:00"	14.108	57.036	60.345	92.501	0.05723	26.5	0.11
"2012-09-28	22:00:00"	14.293	56.079	60.143	92.821	0.04579	26.512	0.13
"2012-09-28	23:00:00"	13.817	52.503	59.425	92.567	0.05893	26.518	0.1
"2012-09-29	00:00:00"	12.576	48.018	59.357	92.349	0.0655	26.515	0.05
"2012-09-29	01:00:00"	13.559	42.384	59.356	92.766	0.05024	26.5	0.04
"2012-09-29	02:00:00"	13.828	46.017	59.742	92.96	0.07377	26.494	0.04
"2012-09-29	03:00:00"	14.633	46.234	60.232	91.497	0.0477	26.483	0.05
"2012-09-29	04:00:00"	13.66	42.068	60.008	91.812	0.08034	26.471	0.02
"2012-09-29	05:00:00"	14.639	42.986	59.628	92.023	0.06147	26.465	0.02
"2012-09-29	06:00:00"	15.229	35.951	59.346	90.104	0.06359	26.477	0
"2012-09-29	07:00:00"	13.903	32.209	59.373	89.094	0.05745	26.494	0
"2012-09-29	08:00:00"	14.14	34.663	58.968	88.154	0.59269	26.506	0
"2012-09-29	09:00:00"	14.803	30.44	58.965	87.059	31.822	26.506	0
"2012-09-29	10:00:00"	14.152	25.782	59.485	86.073	110.05	26.53	0.01
"2012-09-29	11:00:00"	13.059	16.207	61.094	80.272	148.33	26.559	0.01
"2012-09-29	12:00:00"	12.731	23.663	61.452	81.397	213.51	26.553	0.03
"2012-09-29	13:00:00"	13.388	31.7	63.492	76.546	420.21	26.542	0
"2012-09-29	14:00:00"	13.892	37.47	66.405	65.796	600.97	26.533	0
"2012-09-29	15:00:00"	11.802	32.594	66.929	64.592	271.96	26.515	0
"2012-09-29	16:00:00"	11.839	32.696	66.724	64.735	338.16	26.506	0
"2012-09-29	17:00:00"	10.928	26.216	67.721	64.598	315.47	26.497	0
"2012-09-29	18:00:00"	10.739	22.279	68.128	63.743	292.78	26.488	0
"2012-09-29	19:00:00"	11.077	42.305	68.247	62.66	188.01	26.5	0
"2012-09-29	20:00:00"	5.7533	59.386	63.186	74.383	14.899	26.5	0
"2012-09-29	21:00:00"	3.8655	37.86	60.534	82.379	0.08352	26.521	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-09-29	22:00:00"	3.9563	37.053	59.814	86.452	0.08543	26.539	0
"2012-09-29	23:00:00"	3.8687	29.585	59.302	87.295	0.06296	26.545	0
"2012-09-30	00:00:00"	3.4896	16.705	58.507	89.116	0.06932	26.542	0
"2012-09-30	01:00:00"	4.2719	36.926	58.117	90.077	0.05745	26.533	0
"2012-09-30	02:00:00"	3.9115	29.451	56.638	92.164	0.07059	26.53	0
"2012-09-30	03:00:00"	2.8676	1.2965	56.226	93.202	0.06487	26.524	0
"2012-09-30	04:00:00"	2.6663	345.65	55.452	93.41	0.05363	26.509	0
"2012-09-30	05:00:00"	3.2206	346.13	55.178	93.092	0.05872	26.494	0
"2012-09-30	06:00:00"	3.2684	334.11	55.622	93.275	0.08479	26.494	0.01
"2012-09-30	07:00:00"	2.8881	331.15	55.754	93.455	0.06232	26.494	0
"2012-09-30	08:00:00"	2.3699	336.19	55.17	93.634	4.0382	26.506	0
"2012-09-30	09:00:00"	1.8473	321.37	56.278	94.049	99.729	26.524	0
"2012-09-30	10:00:00"	2.1058	295.38	60.585	88.633	306.88	26.53	0
"2012-09-30	11:00:00"	3.1827	267.3	65.057	73.652	503.65	26.539	0
"2012-09-30	12:00:00"	3.1696	295.87	68.27	62.857	681.12	26.524	0
"2012-09-30	13:00:00"	3.2187	264.55	71.213	56.625	803.93	26.5	0
"2012-09-30	14:00:00"	3.4697	251.88	73.455	52.783	856.52	26.48	0
"2012-09-30	15:00:00"	4.2042	264.55	75.622	48.411	844.91	26.453	0
"2012-09-30	16:00:00"	4.5913	333.43	77.493	42.796	696.77	26.435	0
"2012-09-30	17:00:00"	5.2916	5.4779	77.889	40.891	344.24	26.42	0
"2012-09-30	18:00:00"	4.7728	353.95	78.761	37.764	318.81	26.406	0
"2012-09-30	19:00:00"	4.5366	348.31	78.397	38.555	165.92	26.42	0
"2012-09-30	20:00:00"	2.6893	309.47	74.192	51.138	16.946	26.426	0
"2012-09-30	21:00:00"	2.4445	88.14	70.025	62.999	0.06762	26.426	0
"2012-09-30	22:00:00"	12.722	34.958	66.759	58.856	0.05978	26.512	0
"2012-09-30	23:00:00"	15.31	320	60.91	73.391	0.08691	26.527	0.01
"2012-10-01	00:00:00"	14.553	262.64	60.501	74.541	0.06487	26.426	0.04
"2012-10-01	01:00:00"	5.9869	303.24	60.574	72.227	0.04812	26.453	0
"2012-10-01	02:00:00"	5.1226	22.516	59.971	74.617	0.08606	26.45	0
"2012-10-01	03:00:00"	4.8846	358.66	57.96	80.289	0.05596	26.474	0
"2012-10-01	04:00:00"	6.4076	0.08925	58.251	77.193	0.05511	26.468	0
"2012-10-01	05:00:00"	2.9975	317.14	55.758	85.615	0.06169	26.453	0
"2012-10-01	06:00:00"	5.9534	316.34	55.834	85.658	0.06677	26.453	0
"2012-10-01	07:00:00"	8.7358	327.33	56.918	82.116	0.06614	26.468	0
"2012-10-01	08:00:00"	5.6433	330.13	55.113	84.718	3.3291	26.474	0
"2012-10-01	09:00:00"	2.3569	345.4	55.831	83.313	104.23	26.494	0
"2012-10-01	10:00:00"	10.707	0.25425	63.222	65.292	301.65	26.509	0
"2012-10-01	11:00:00"	14.827	8.3079	68.587	50.557	515.15	26.518	0
"2012-10-01	12:00:00"	15.834	11.918	72.471	42.458	683.96	26.515	0
"2012-10-01	13:00:00"	19.09	13.611	74.929	36.284	797.15	26.512	0
"2012-10-01	14:00:00"	18.429	20.372	76.714	32.758	844.52	26.503	0
"2012-10-01	15:00:00"	17.017	17.616	77.92	30.927	830.3	26.497	0
"2012-10-01	16:00:00"	16.823	21.363	78.545	28.75	704.73	26.488	0
"2012-10-01	17:00:00"	18.132	17.394	78.42	27.759	584.23	26.491	0
"2012-10-01	18:00:00"	16.855	16.598	77.613	30.514	388.79	26.488	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-01	19:00:00"	17.057	38.587	74.746	36.071	164	26.506	0
"2012-10-01	20:00:00"	12.137	45.981	71.223	42.74	20.386	26.515	0
"2012-10-01	21:00:00"	6.6897	49.249	66.447	51.835	0.07377	26.539	0
"2012-10-01	22:00:00"	6.4647	47.463	63.687	56.809	0.05893	26.556	0
"2012-10-01	23:00:00"	6.1559	46.061	60.696	64.447	0.08182	26.562	0
"2012-10-02	00:00:00"	5.4525	47.482	59.781	67.955	0.0655	26.553	0
"2012-10-02	01:00:00"	2.6449	61.236	59.331	71.254	0.0655	26.547	0
"2012-10-02	02:00:00"	2.0387	28.509	59.218	69.462	0.08098	26.55	0
"2012-10-02	03:00:00"	3.74	27.241	59.591	74.886	0.06635	26.556	0
"2012-10-02	04:00:00"	3.3803	5.902	59.654	72.957	0.05554	26.553	0
"2012-10-02	05:00:00"	4.4422	357.3	58.806	73.696	0.06275	26.565	0
"2012-10-02	06:00:00"	3.5368	6.0636	58.763	72.889	0.07165	26.568	0
"2012-10-02	07:00:00"	4.395	24.548	57.311	76.394	0.06783	26.565	0
"2012-10-02	08:00:00"	3.133	13.626	54.956	82.118	2.1221	26.568	0
"2012-10-02	09:00:00"	3.9097	36.885	55.897	80.877	102.09	26.574	0
"2012-10-02	10:00:00"	5.8117	75.037	61.507	58.624	302.67	26.571	0
"2012-10-02	11:00:00"	5.4662	113.26	64.546	49.118	508.25	26.574	0
"2012-10-02	12:00:00"	4.1675	210.41	67.202	44.484	678.35	26.565	0
"2012-10-02	13:00:00"	4.7715	218.98	69.059	42.078	792.13	26.542	0
"2012-10-02	14:00:00"	6.1665	227.86	70.908	41.063	838.9	26.5	0
"2012-10-02	15:00:00"	6.5697	230.04	73.043	37.882	817.93	26.468	0
"2012-10-02	16:00:00"	6.96	210.59	74.257	36.987	728.79	26.447	0
"2012-10-02	17:00:00"	8.3065	204.9	75.121	37.147	581.46	26.423	0
"2012-10-02	18:00:00"	8.3972	191.11	75.7	36.917	389.04	26.409	0
"2012-10-02	19:00:00"	8.7141	185.99	75.195	37.607	178.83	26.406	0
"2012-10-02	20:00:00"	5.5265	164.28	71.218	45.098	22.265	26.406	0
"2012-10-02	21:00:00"	5.6327	152.18	66.535	55.152	0.06359	26.409	0
"2012-10-02	22:00:00"	6.8338	142.91	64.693	59.178	0.06126	26.415	0
"2012-10-02	23:00:00"	8.3581	154.27	63.89	60.959	0.06423	26.415	0
"2012-10-03	00:00:00"	7.6006	155.7	62.127	65.696	0.07292	26.415	0
"2012-10-03	01:00:00"	7.828	153.31	61.101	65.86	0.06444	26.406	0
"2012-10-03	02:00:00"	7.7417	157.22	59.912	67.54	0.06656	26.394	0
"2012-10-03	03:00:00"	4.8324	159.59	58.15	71.268	0.06381	26.385	0
"2012-10-03	04:00:00"	3.31	141.89	56.659	75.172	0.05596	26.37	0
"2012-10-03	05:00:00"	2.99	95.998	55.47	77.446	0.06932	26.367	0
"2012-10-03	06:00:00"	2.8521	111.2	55.295	76.976	0.07652	26.373	0
"2012-10-03	07:00:00"	2.8664	110.91	55.007	76.483	0.06571	26.37	0
"2012-10-03	08:00:00"	2.1307	122.68	54.44	77.053	3.4101	26.37	0
"2012-10-03	09:00:00"	2.2239	132.36	55.906	76.064	111.61	26.379	0
"2012-10-03	10:00:00"	6.6636	201.83	60.508	67.572	319.21	26.394	0
"2012-10-03	11:00:00"	7.869	214.93	65.537	57.449	524.51	26.409	0
"2012-10-03	12:00:00"	5.7993	239.14	69.899	49.817	692.88	26.403	0
"2012-10-03	13:00:00"	6.1311	245.9	75.759	40.663	811.07	26.4	0
"2012-10-03	14:00:00"	6.9146	239.56	81.484	31.361	862.73	26.376	0
"2012-10-03	15:00:00"	7.0358	253.72	86.43	21.287	842.43	26.356	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-03	16:00:00"	9.3137	280.65	89.561	14.536	757.86	26.35	0
"2012-10-03	17:00:00"	7.293	285.7	90.572	13.284	606.69	26.341	0
"2012-10-03	18:00:00"	5.1282	277.4	90.937	12.63	396.79	26.344	0
"2012-10-03	19:00:00"	6.9562	254.96	89.815	14.047	184.43	26.353	0
"2012-10-03	20:00:00"	3.9911	226.14	82.362	20.365	20.979	26.361	0
"2012-10-03	21:00:00"	6.3983	187.95	74.689	33.911	0.05999	26.382	0
"2012-10-03	22:00:00"	7.8442	186.61	72.024	43.661	0.06296	26.397	0
"2012-10-03	23:00:00"	7.477	191.16	70.163	46.33	0.06656	26.42	0
"2012-10-04	00:00:00"	7.8057	205.25	68.855	51.351	0.04727	26.415	0
"2012-10-04	01:00:00"	5.0229	221.1	65.1	61.881	0.05475	26.429	0
"2012-10-04	02:00:00"	4.2409	239.79	62.771	68.186	0.05554	26.429	0
"2012-10-04	03:00:00"	4.1135	240.68	60.278	74.043	0.07123	26.435	0
"2012-10-04	04:00:00"	4.367	255.25	59.182	77.775	0.06126	26.432	0
"2012-10-04	05:00:00"	3.8848	247.44	57.244	81.768	0.04812	26.438	0
"2012-10-04	06:00:00"	4.7417	259.73	56.642	82.415	0.05872	26.459	0
"2012-10-04	07:00:00"	8.7452	330.38	58.943	69.714	0.06275	26.518	0
"2012-10-04	08:00:00"	13.223	20.158	57.935	52.21	2.3754	26.542	0
"2012-10-04	09:00:00"	18.227	18.726	55.306	54.601	60.492	26.574	0
"2012-10-04	10:00:00"	20.881	16.979	55.988	51.798	308.19	26.607	0
"2012-10-04	11:00:00"	18.796	22.98	57.987	49.04	517.09	26.633	0
"2012-10-04	12:00:00"	18.359	23.512	60.614	47.563	687.49	26.651	0
"2012-10-04	13:00:00"	15.039	22.091	63.564	45.295	797.46	26.654	0
"2012-10-04	14:00:00"	10.919	22.148	66.15	43.285	842.43	26.648	0
"2012-10-04	15:00:00"	8.9216	16.969	68.132	41.133	819.25	26.621	0
"2012-10-04	16:00:00"	7.3104	14.133	70.267	38.862	730.14	26.609	0
"2012-10-04	17:00:00"	7.1501	27.408	71.377	37.188	580.32	26.601	0
"2012-10-04	18:00:00"	6.3467	49.841	71.879	36.404	386.86	26.583	0
"2012-10-04	19:00:00"	6.1454	86.171	71.39	37.202	174.87	26.583	0
"2012-10-04	20:00:00"	5.0232	93.981	67.42	44.188	18.961	26.586	0
"2012-10-04	21:00:00"	4.9635	87.762	62.124	54.771	0.06932	26.586	0
"2012-10-04	22:00:00"	5.5302	87.997	59.629	61.238	0.07716	26.586	0
"2012-10-04	23:00:00"	6.3019	107.21	58.823	66.791	0.06911	26.586	0
"2012-10-05	00:00:00"	5.913	93.085	57.099	73.854	0.0744	26.589	0
"2012-10-05	01:00:00"	7.2433	96.789	55.427	80.014	0.05448	26.574	0
"2012-10-05	02:00:00"	8.2488	100.93	54.669	84.578	0.06932	26.562	0
"2012-10-05	03:00:00"	8.7123	86.204	53.372	88.195	0.06805	26.553	0
"2012-10-05	04:00:00"	8.9794	83.126	51.702	89.181	0.07059	0.26518	0
"2012-10-05	05:00:00"	8.931	78.835	50.44	89.566	0.08606	26.527	0
"2012-10-05	06:00:00"	9.9078	60.46	48.93	90.922	0.07758	26.539	0
"2012-10-05	07:00:00"	9.7238	59.749	48.248	91.473	0.07886	26.545	0
"2012-10-05	08:00:00"	10.353	58.846	47.223	91.507	2.4227	26.547	0
"2012-10-05	09:00:00"	10.909	62.067	48.261	89.427	88.612	26.556	0
"2012-10-05	10:00:00"	11.688	75.384	51.759	84.587	289.43	26.571	0
"2012-10-05	11:00:00"	9.9339	68.679	53.988	83.38	307.1	0.26577	0
"2012-10-05	12:00:00"	7.746	70.855	56.716	80.167	347.55	26.577	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-05	13:00:00"	5.954	103.25	60.616	71.601	752.9	26.556	0
"2012-10-05	14:00:00"	4.3962	103.07	65.701	59.664	833.93	26.527	0
"2012-10-05	15:00:00"	5.1866	142.36	70.927	49.933	810.26	26.494	0
"2012-10-05	16:00:00"	6.5778	151.18	74.718	44.838	720.31	26.471	0
"2012-10-05	17:00:00"	7.9436	160.76	77.643	41.404	572.8	26.453	0
"2012-10-05	18:00:00"	9.4138	133.67	78.392	43.329	376.94	26.438	0
"2012-10-05	19:00:00"	10.672	119.49	76.418	48.126	167.22	26.435	0
"2012-10-05	20:00:00"	10.319	94.907	71.066	57.734	16.567	26.441	0
"2012-10-05	21:00:00"	11.167	81.453	64.843	70.735	0.05999	26.459	0
"2012-10-05	22:00:00"	12.903	82.036	61.386	77.277	0.06317	26.48	0
"2012-10-05	23:00:00"	12.541	83.738	59.584	82.457	0.0566	26.491	0
"2012-10-06	00:00:00"	16.52	84.479	57.724	82.034	0.07907	26.5	0
"2012-10-06	01:00:00"	17.39	83.35	56.161	82.821	0.06444	26.488	0
"2012-10-06	02:00:00"	16.574	74.97	55.15	82.165	0.06275	26.494	0
"2012-10-06	03:00:00"	17.539	71.104	54.493	81.994	0.08628	26.5	0
"2012-10-06	04:00:00"	17.29	65.113	53.195	79.164	0.06932	26.506	0
"2012-10-06	05:00:00"	15.652	57.832	50.916	88.92	0.06487	26.512	0
"2012-10-06	06:00:00"	16.763	51.929	47.85	91.712	0.07546	26.547	0
"2012-10-06	07:00:00"	17.538	47.152	46.023	91.768	0.0566	26.574	0
"2012-10-06	08:00:00"	16.455	47.147	43.83	91.529	0.64951	26.592	0
"2012-10-06	09:00:00"	15.437	47.844	42.891	88.254	21.895	26.601	0
"2012-10-06	10:00:00"	15.996	63.132	43.289	80.209	71.787	26.612	0
"2012-10-06	11:00:00"	13.981	73.507	44.844	69.576	164.65	26.612	0
"2012-10-06	12:00:00"	10.539	69.887	47.212	61.781	278.82	26.604	0
"2012-10-06	13:00:00"	8.368	75.922	50.272	56.971	437.83	26.592	0
"2012-10-06	14:00:00"	7.861	77.709	52.656	53.268	395.95	26.568	0
"2012-10-06	15:00:00"	5.5327	74.73	54.165	51.827	371.21	26.547	0
"2012-10-06	16:00:00"	6.3976	66.225	56.156	49.72	472.64	26.536	0
"2012-10-06	17:00:00"	9.0161	70.378	57.024	48.423	433.3	26.518	0
"2012-10-06	18:00:00"	10.375	77.956	55.696	49.759	202.71	26.524	0
"2012-10-06	19:00:00"	12.112	69.694	53.66	50.891	111.56	26.539	0
"2012-10-06	20:00:00"	12.485	68.089	50.368	52.734	14.064	26.565	0
"2012-10-06	21:00:00"	12.299	70.626	47.674	55.928	0.05299	26.595	0
"2012-10-06	22:00:00"	13.338	72.759	45.981	58.333	0.07207	26.621	0
"2012-10-06	23:00:00"	15.143	70.526	45.072	57.991	0.06465	26.636	0
"2012-10-07	00:00:00"	14.365	64.606	43.851	57.914	0.0655	26.651	0
"2012-10-07	01:00:00"	14.255	58.626	43.198	55.562	0.05851	26.654	0
"2012-10-07	02:00:00"	15.304	57.085	42.461	54.703	0.08034	26.663	0
"2012-10-07	03:00:00"	14.164	62.914	41.652	53.39	0.09581	0.02658	0
"2012-10-07	04:00:00"	13.333	60.138	41.225	53.905	0.07123	26.66	0
"2012-10-07	05:00:00"	13.573	60.325	40.418	49.723	0.07334	26.642	0
"2012-10-07	06:00:00"	11.992	64.656	39.538	50.166	0.05914	26.654	0
"2012-10-07	07:00:00"	9.6772	67.081	39.156	53.236	0.0744	26.66	0
"2012-10-07	08:00:00"	8.396	70.745	39.075	54.996	0.69699	26.666	0
"2012-10-07	09:00:00"	6.8338	67.434	39.282	55.647	26.565	26.68	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-07	10:00:00"	6.0049	79.884	40.256	54.822	91.381	26.686	0
"2012-10-07	11:00:00"	4.6354	101.32	41.612	52.012	206.1	26.68	0
"2012-10-07	12:00:00"	5.9086	123.03	42.87	52.131	250.35	26.669	0
"2012-10-07	13:00:00"	5.0629	114.93	44.298	51.017	368.42	26.642	0
"2012-10-07	14:00:00"	4.8995	131.32	46.247	49.452	471.37	26.618	0
"2012-10-07	15:00:00"	4.7479	144.56	47.812	48.547	433.38	26.592	0
"2012-10-07	16:00:00"	4.8579	116.23	49.133	48.628	392.41	26.577	0
"2012-10-07	17:00:00"	5.3444	91.302	50.458	48.361	371.85	26.568	0
"2012-10-07	18:00:00"	7.1215	86.936	50.016	49.367	198.01	26.568	0
"2012-10-07	19:00:00"	7.9747	93.982	49.301	49.872	141.48	26.574	0
"2012-10-07	20:00:00"	6.9631	88.774	46.454	55.351	17.103	26.586	0
"2012-10-07	21:00:00"	5.0778	87.385	42.834	63.264	0.08649	26.604	0
"2012-10-07	22:00:00"	4.5534	81.551	40.128	70.099	0.0778	26.621	0
"2012-10-07	23:00:00"	4.2303	83.316	38.902	73.586	0.07928	26.621	0
"2012-10-08	00:00:00"	4.0383	85.825	38.045	76.094	0.07313	26.621	0
"2012-10-08	01:00:00"	4.152	76.732	37.209	77.482	0.08903	26.618	0
"2012-10-08	02:00:00"	4.3695	66.49	36.394	79.248	0.09158	26.609	0
"2012-10-08	03:00:00"	4.3303	69.981	36.035	80.251	0.0884	26.609	0
"2012-10-08	04:00:00"	4.4384	82.674	35.495	81.501	0.10726	26.598	0
"2012-10-08	05:00:00"	5.0884	103.2	36.167	81.052	0.07631	26.586	0
"2012-10-08	06:00:00"	3.9532	124.42	36.031	81.869	0.08098	26.592	0
"2012-10-08	07:00:00"	2.0512	172.42	35.618	83.46	0.07123	26.595	0
"2012-10-08	08:00:00"	0.94138	57.62	35.256	84.882	3.1218	26.598	0
"2012-10-08	09:00:00"	3.6356	149.21	38.393	82.675	93.304	26.601	0
"2012-10-08	10:00:00"	7.8293	193.46	44.081	75.578	296.75	26.609	0
"2012-10-08	11:00:00"	8.8452	207.04	47.801	68.418	505.45	26.595	0
"2012-10-08	12:00:00"	10.393	200.91	51.203	63.035	669.37	26.583	0
"2012-10-08	13:00:00"	9.4529	198.26	54.685	57.212	779.25	26.556	0
"2012-10-08	14:00:00"	10.54	193.49	58.247	52.176	827.62	26.521	0
"2012-10-08	15:00:00"	11.139	191.58	62.222	46.781	782.81	26.477	0
"2012-10-08	16:00:00"	11.997	188.47	65.297	43.57	710.59	26.456	0
"2012-10-08	17:00:00"	11.891	188.6	67.067	42.042	562.12	26.444	0
"2012-10-08	18:00:00"	10.793	184.67	67.482	42.796	368.12	26.435	0
"2012-10-08	19:00:00"	10.817	186.4	66.151	45.412	161.39	26.426	0
"2012-10-08	20:00:00"	7.0389	187.83	61.705	53.408	16.741	26.429	0
"2012-10-08	21:00:00"	4.6789	168.07	56.305	65.154	0.07377	26.438	0
"2012-10-08	22:00:00"	5.0878	202.3	54.627	70.256	0.08288	26.441	0
"2012-10-08	23:00:00"	4.0476	221.57	52.103	76.1	0.05745	26.441	0
"2012-10-09	00:00:00"	3.1491	219.52	51.103	79.248	0.06932	26.438	0
"2012-10-09	01:00:00"	3.703	234.73	50.5	80.634	0.07906	26.426	0
"2012-10-09	02:00:00"	3.1559	255.54	50.154	81.709	0.05745	26.415	0
"2012-10-09	03:00:00"	3.1479	249.8	49.211	84.64	0.07377	26.412	0
"2012-10-09	04:00:00"	4.083	222.57	48.586	85.729	0.06529	26.4	0
"2012-10-09	05:00:00"	3.525	236.81	47.276	88.039	0.07419	26.397	0
"2012-10-09	06:00:00"	4.367	257.68	46.808	89.953	0.05829	26.403	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-09	07:00:00"	3.4387	253.25	46.151	91.18	0.08076	26.415	0
"2012-10-09	08:00:00"	4.5124	272.3	47.105	91.377	2.4174	26.426	0
"2012-10-09	09:00:00"	6.305	261.61	49.247	90.353	115.16	26.441	0
"2012-10-09	10:00:00"	6.9718	240.63	54.401	81.681	299.94	26.462	0
"2012-10-09	11:00:00"	7.4229	256.19	63.055	60.443	511.06	26.465	0
"2012-10-09	12:00:00"	8.9123	289.46	75.992	33.091	683.6	26.453	0
"2012-10-09	13:00:00"	11.067	306.07	82.212	22.69	817.15	26.444	0
"2012-10-09	14:00:00"	8.9279	299.67	84.79	17.898	842.79	26.426	0
"2012-10-09	15:00:00"	9.8388	269.69	86.28	14.832	820.15	26.406	0
"2012-10-09	16:00:00"	10.668	273.28	87.209	14.005	721.75	26.4	0
"2012-10-09	17:00:00"	10.085	263.37	87.243	13.965	567.21	26.388	0
"2012-10-09	18:00:00"	9.548	262.57	86.807	13.626	350.76	26.385	0
"2012-10-09	19:00:00"	7.3378	238.27	85.701	15.092	165.53	26.391	0
"2012-10-09	20:00:00"	2.1475	196.08	78.66	21.509	15.239	26.403	0
"2012-10-09	21:00:00"	2.2717	157.53	72.176	26.562	0.06508	26.42	0
"2012-10-09	22:00:00"	3.0596	74.421	69.183	30.448	0.08055	26.441	0
"2012-10-09	23:00:00"	3.3504	138.72	68.496	34.026	0.05533	26.459	0
"2012-10-10	00:00:00"	3.2579	231.53	64.701	45.075	0.06741	26.459	0
"2012-10-10	01:00:00"	2.2494	249.53	62.185	55.978	0.06508	26.459	0
"2012-10-10	02:00:00"	3.6605	237.77	60.965	65.904	0.06275	26.453	0
"2012-10-10	03:00:00"	1.5236	130.94	59.161	70.823	0.06402	0.26459	0
"2012-10-10	04:00:00"	7.8069	51.087	58.703	71.82	0.0797	26.497	0
"2012-10-10	05:00:00"	12.262	43.756	55.297	60.737	0.06805	26.518	0
"2012-10-10	06:00:00"	13.912	47.389	53.692	60.738	0.05957	26.536	0
"2012-10-10	07:00:00"	15.187	45.464	52.005	65.937	0.05554	26.553	0
"2012-10-10	08:00:00"	15.452	46.273	49.577	69.518	1.6335	26.571	0
"2012-10-10	09:00:00"	13.727	31.626	48.554	70.289	87.84	26.609	0
"2012-10-10	10:00:00"	14.254	25.866	50.257	68.653	212.93	0	0
"2012-10-10	11:00:00"	13.972	30.743	52.61	67.687	272.43	26.651	0
"2012-10-10	12:00:00"	12.138	31.863	54.376	66.508	353.71	26.651	0
"2012-10-10	13:00:00"	10.402	40.141	56.865	65.731	496.06	26.642	0
"2012-10-10	14:00:00"	8.8676	41.932	59.203	63.478	498.06	26.615	0
"2012-10-10	15:00:00"	6.5486	49.978	62.44	59.389	718.24	26.577	0
"2012-10-10	16:00:00"	5.5147	94.881	66.233	54.568	694.97	26.55	0
"2012-10-10	17:00:00"	6.5219	109.73	67.899	53.317	534.28	26.539	0
"2012-10-10	18:00:00"	7.5652	128.22	68.502	53.576	345.56	26.53	0
"2012-10-10	19:00:00"	7.1141	126.14	67.66	55.433	134.78	26.533	0
"2012-10-10	20:00:00"	5.4314	135.19	63.646	64.328	5.5891	26.539	0
"2012-10-10	21:00:00"	4.8802	135.68	59.851	74.005	0.06317	26.545	0
"2012-10-10	22:00:00"	5.0704	100.75	57.959	78.15	0.06656	26.553	0
"2012-10-10	23:00:00"	6.1143	106.67	56.942	80.335	0.06762	26.556	0
"2012-10-11	00:00:00"	7.2781	109.12	56.831	80.301	0.06402	26.556	0
"2012-10-11	01:00:00"	6.8711	93.186	54.28	85.896	0.07101	26.55	0
"2012-10-11	02:00:00"	5.9417	86.259	54.383	87.068	0.06338	26.539	0
"2012-10-11	03:00:00"	7.8866	79.262	55.325	85.896	0.05851	26.53	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-11	04:00:00"	7.9436	90.08	56.332	84.951	0.07695	26.518	0
"2012-10-11	05:00:00"	7.4863	83.748	56.288	85.474	0.06296	26.512	0
"2012-10-11	06:00:00"	7.2856	85.449	56.391	86.242	0.05745	26.512	0
"2012-10-11	07:00:00"	6.8115	88.594	57.019	85.673	0.06699	26.518	0
"2012-10-11	08:00:00"	5.6141	87.124	57.451	85.943	0.47759	26.53	0
"2012-10-11	09:00:00"	5.5103	86.654	58.458	86.223	23.952	26.542	0
"2012-10-11	10:00:00"	6.6257	92.59	60.201	85.907	116.31	26.553	0
"2012-10-11	11:00:00"	6.3703	112.19	62.853	84.346	183.77	26.553	0
"2012-10-11	12:00:00"	9.1559	163.35	69.452	74.966	498.17	26.545	0
"2012-10-11	13:00:00"	12.158	170.36	74.407	63.946	436.85	26.536	0
"2012-10-11	14:00:00"	12.104	180.71	76.64	56.976	452.07	26.518	0
"2012-10-11	15:00:00"	10.3	188.05	78.087	52.86	399.7	26.494	0
"2012-10-11	16:00:00"	9.4274	180.79	82.347	43.377	712.13	26.483	0
"2012-10-11	17:00:00"	10.575	173.61	83.324	39.585	528.61	26.471	0
"2012-10-11	18:00:00"	10.924	160.45	82.78	41.096	310.66	26.471	0
"2012-10-11	19:00:00"	9.9121	159.36	81.298	45.363	134.96	26.48	0
"2012-10-11	20:00:00"	5.7216	125.41	76.534	54.483	7.0116	26.491	0
"2012-10-11	21:00:00"	5.5681	108.99	72.634	62.943	0.05829	26.512	0
"2012-10-11	22:00:00"	7.0954	117.45	70.632	71.785	0.07334	26.53	0
"2012-10-11	23:00:00"	6.0037	113.75	68.75	78.406	0.05872	26.55	0
"2012-10-12	00:00:00"	6.1522	123.7	67.384	84.035	0.07992	26.545	0
"2012-10-12	01:00:00"	5.222	76.053	65.66	87.87	0.06995	26.542	0
"2012-10-12	02:00:00"	5.6253	86.059	64.767	89.655	0.05702	26.518	0
"2012-10-12	03:00:00"	6.768	96.692	63.973	90.885	0.06995	26.53	0
"2012-10-12	04:00:00"	8.0349	102.07	63.493	91.591	0.06699	26.515	0
"2012-10-12	05:00:00"	7.7721	108.56	63.494	91.635	0.05999	26.5	0
"2012-10-12	06:00:00"	7.4496	117.34	63.366	92.171	0.05596	26.5	0
"2012-10-12	07:00:00"	5.7676	115.42	63.538	93.161	0.07165	26.5	0
"2012-10-12	08:00:00"	4.7908	101.79	63.864	93.055	0.64209	26.509	0
"2012-10-12	09:00:00"	4.8883	88.385	63.61	94.389	21.583	26.547	0
"2012-10-12	10:00:00"	5.9434	184.41	67.202	91.038	85.38	26.571	0
"2012-10-12	11:00:00"	7.1135	153.37	69.449	83.69	221.01	26.571	0
"2012-10-12	12:00:00"	9.0733	149.76	72.439	72.757	479.02	26.553	0
"2012-10-12	13:00:00"	11.422	154.09	75.3	65.924	712.6	26.545	0
"2012-10-12	14:00:00"	8.7582	163.02	75.906	65.282	392.14	26.521	0
"2012-10-12	15:00:00"	12.887	157.68	78.335	60.167	577.63	26.497	0
"2012-10-12	16:00:00"	11.461	167.39	78.429	58.319	346.27	26.483	0
"2012-10-12	17:00:00"	11.498	162.52	79.442	55.943	285.08	26.462	0
"2012-10-12	18:00:00"	12.135	163.23	81.279	51.304	304.94	26.447	0
"2012-10-12	19:00:00"	13.686	151.44	79.428	54.309	124.46	26.435	0
"2012-10-12	20:00:00"	12.301	150.86	75.029	63.379	6.8412	26.435	0
"2012-10-12	21:00:00"	13.68	149.39	72.069	70.151	0.05384	26.432	0
"2012-10-12	22:00:00"	12.068	147.45	70.193	73.772	0.0513	26.45	0
"2012-10-12	23:00:00"	12.212	148.1	69.34	74.81	0.06487	26.444	0
"2012-10-13	00:00:00"	13.495	161.4	70.2	70.978	0.07652	26.45	0.01

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-13	01:00:00"	15.646	161.12	69.364	73.978	0.04939	26.42	0
"2012-10-13	02:00:00"	13.136	172.04	68.541	73.252	0.07144	26.418	0
"2012-10-13	03:00:00"	15.714	176.02	68.734	65.859	0.07207	26.409	0.01
"2012-10-13	04:00:00"	14.177	180.62	67.935	66.826	0.06571	26.412	0
"2012-10-13	05:00:00"	12.394	183.97	66.496	70.412	0.05363	26.418	0
"2012-10-13	06:00:00"	10.614	188.57	65.488	73.213	0.05914	26.426	0
"2012-10-13	07:00:00"	10.92	190.52	64.966	75.017	0.06381	26.432	0
"2012-10-13	08:00:00"	9.397	193.3	63.692	78.568	0.68173	26.438	0
"2012-10-13	09:00:00"	5.9217	213.97	62.409	83.167	62.392	26.462	0
"2012-10-13	10:00:00"	8.2518	218.89	66.206	75.249	268.96	26.471	0
"2012-10-13	11:00:00"	10.557	241.57	71.176	52.241	501.47	26.471	0
"2012-10-13	12:00:00"	11.761	267.84	76.791	26.393	677.45	26.456	0
"2012-10-13	13:00:00"	14.847	249.88	78.76	24.435	788.3	26.435	0
"2012-10-13	14:00:00"	14.374	245.07	79.641	23.651	825.55	26.412	0
"2012-10-13	15:00:00"	12.415	263.38	80.179	21.534	799.63	26.397	0
"2012-10-13	16:00:00"	13.595	269.79	79.732	20.63	703.55	26.388	0
"2012-10-13	17:00:00"	14.795	256.02	80.494	16.486	553.23	26.382	0
"2012-10-13	18:00:00"	13.362	285.1	79.709	15.086	361.11	26.382	0
"2012-10-13	19:00:00"	11.663	306.2	77.089	18.302	151.89	26.4	0
"2012-10-13	20:00:00"	7.5074	336.93	70.901	23.951	11.877	26.423	0
"2012-10-13	21:00:00"	4.7728	346.86	64.749	30.641	0.06041	26.444	0
"2012-10-13	22:00:00"	8.053	354.26	62.926	31.369	0.05978	26.471	0
"2012-10-13	23:00:00"	6.763	355.24	60.906	33.714	0.04791	26.488	0
"2012-10-14	00:00:00"	6.8686	349.68	60.577	33.605	0.05957	26.491	0
"2012-10-14	00:00:00"	6.0397	326	59.54	34.7	0	26.491	0
"2012-10-14	01:00:00"	8.9067	335.4	62.428	30.341	0.07843	26.506	0
"2012-10-14	02:00:00"	7.82	338.41	59.847	34.926	0.04664	26.518	0
"2012-10-14	03:00:00"	7.9343	343.14	57.319	40.241	0.06126	26.53	0
"2012-10-14	04:00:00"	9.3336	328.8	59.033	37.997	0.06889	26.533	0
"2012-10-14	05:00:00"	9.584	346.75	56.769	43.134	0.07313	26.545	0
"2012-10-14	06:00:00"	11.52	7.0364	56.924	45.538	0.07801	26.562	0
"2012-10-14	07:00:00"	11.361	359.92	55.615	49.314	0.06423	26.577	0
"2012-10-14	08:00:00"	9.3852	8.8645	54.999	50.367	1.0627	26.609	0
"2012-10-14	09:00:00"	8.9123	12.509	55.851	48.988	95.525	26.645	0
"2012-10-14	10:00:00"	10.968	26.627	62.57	39.192	294.32	26.674	0
"2012-10-14	11:00:00"	12.576	36.584	67.817	32.142	500.6	26.68	0
"2012-10-14	12:00:00"	11.972	39.469	70.975	28.937	668.67	26.683	0
"2012-10-14	13:00:00"	11.316	44.456	73.064	26.539	778.74	26.677	0
"2012-10-14	14:00:00"	11.049	71.068	75.074	22.995	798.12	26.657	0
"2012-10-14	15:00:00"	11.09	61.224	76.034	20.998	788.56	26.636	0
"2012-10-14	16:00:00"	8.9763	74.496	76.757	20.011	696.22	26.618	0
"2012-10-14	17:00:00"	8.0884	91.082	77.113	20.173	540.06	26.609	0
"2012-10-14	18:00:00"	8.4724	97.27	76.557	20.643	341.47	26.604	0
"2012-10-14	19:00:00"	7.2091	106.78	74.964	21.879	136.58	26.592	0
"2012-10-14	20:00:00"	4.3204	95.781	69.133	27.822	8.0771	26.601	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-14	21:00:00"	5.0555	101.1	64.76	33.172	0.06359	26.612	0
"2012-10-14	22:00:00"	5.0288	86.863	61.756	37.315	0.05172	26.633	0
"2012-10-14	23:00:00"	5.2108	91.771	60.179	39.896	0.06232	26.651	0
"2012-10-15	00:00:00"	5.944	130.97	60.424	40.759	0.06105	26.642	0
"2012-10-15	01:00:00"	5.7234	135.35	59.78	42.89	0.07737	26.636	0
"2012-10-15	02:00:00"	5.601	133.37	59.079	44.133	0.06508	26.627	0
"2012-10-15	03:00:00"	5.3699	161.08	57.674	46.942	0.06465	26.63	0
"2012-10-15	04:00:00"	1.3863	190.36	53.782	54.438	0.06465	26.612	0
"2012-10-15	05:00:00"	0.97307	167.17	54.052	54.75	0.06105	26.598	0
"2012-10-15	06:00:00"	1.3453	168.48	54.429	54.581	0.06847	26.609	0
"2012-10-15	07:00:00"	1.7554	249.85	54.08	55.269	0.04621	26.618	0
"2012-10-15	08:00:00"	1.8082	276.45	53.452	56.752	0.43943	26.612	0
"2012-10-15	09:00:00"	2.4669	276.93	52.531	59.895	51.714	26.609	0
"2012-10-15	10:00:00"	3.1441	268.79	57.409	51.324	220.24	26.627	0
"2012-10-15	11:00:00"	7.9293	213.48	65.338	38.107	500.98	26.633	0
"2012-10-15	12:00:00"	10.466	196.13	69.981	32.616	697.02	26.612	0
"2012-10-15	13:00:00"	10.834	187.69	72.186	29.234	745.32	26.586	0
"2012-10-15	14:00:00"	10.511	183.55	74.168	25.923	789.72	26.547	0
"2012-10-15	15:00:00"	8.5979	182.57	73.782	26.134	517.94	26.506	0
"2012-10-15	16:00:00"	9.8114	196.63	75.809	25.677	510.78	26.485	0
"2012-10-15	17:00:00"	10.842	191.69	75.879	27.652	445.9	26.468	0
"2012-10-15	18:00:00"	10.696	201.53	74.864	29.959	219.53	26.468	0
"2012-10-15	19:00:00"	7.2483	202.28	72.795	34.006	65.517	26.459	0
"2012-10-15	20:00:00"	3.379	173.1	68.967	39.431	2.6758	26.45	0
"2012-10-15	21:00:00"	4.5944	150.03	66.707	43.474	0.0655	26.444	0
"2012-10-15	22:00:00"	7.4359	168.64	65.484	50.967	0.07186	26.444	0
"2012-10-15	23:00:00"	7.8796	171.24	64.107	56.63	0.06911	26.432	0
"2012-10-16	00:00:00"	7.467	183.88	63.366	57.846	0.06826	26.432	0
"2012-10-16	01:00:00"	6.1466	187.98	62.305	59.795	0.05448	26.415	0
"2012-10-16	02:00:00"	4.7143	200.27	61.418	61.934	0.05321	26.4	0
"2012-10-16	03:00:00"	5.1369	208.29	60.933	63.749	0.06381	26.385	0
"2012-10-16	04:00:00"	4.6522	222.08	60.63	65.625	0.05088	26.376	0
"2012-10-16	05:00:00"	3.9258	235.99	58.728	70.454	0.06529	26.358	0
"2012-10-16	06:00:00"	3.7003	240.95	58.262	72.965	0.05893	26.344	0
"2012-10-16	07:00:00"	3.5822	247.33	57.632	74.907	0.06041	26.347	0
"2012-10-16	08:00:00"	4.2061	217.63	57.186	76.449	0.30207	26.347	0
"2012-10-16	09:00:00"	4.3223	207.78	57.438	76.317	28.908	26.353	0
"2012-10-16	10:00:00"	6.4703	220.56	61.63	68.266	161.69	26.367	0
"2012-10-16	11:00:00"	11.943	232.49	69.218	54.586	517.49	26.364	0
"2012-10-16	12:00:00"	12.089	240.2	74.702	43.033	642.31	26.353	0
"2012-10-16	13:00:00"	10.859	242.4	78.29	36.687	784.04	26.326	0
"2012-10-16	14:00:00"	9.6865	264.87	82.428	22.828	834.74	26.299	0
"2012-10-16	15:00:00"	12.276	244.12	83.216	24.189	809.12	26.267	0
"2012-10-16	16:00:00"	13.508	224.65	83.252	25.294	699.51	26.255	0
"2012-10-16	17:00:00"	13.115	223.49	84.265	18.939	546.71	26.234	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-16	18:00:00"	13.612	234.65	84.349	17.543	345.58	26.22	0
"2012-10-16	19:00:00"	11.132	226.08	81.941	18.497	108.54	26.22	0
"2012-10-16	20:00:00"	5.8272	216.82	73.526	28.263	1.6055	26.22	0
"2012-10-16	21:00:00"	4.8094	223.18	68.107	36.301	0.07864	26.223	0
"2012-10-16	22:00:00"	3.6058	241.34	63.352	40.955	0.06508	26.229	0
"2012-10-16	23:00:00"	3.9855	240.67	59.991	44.236	0.05554	26.229	0
"2012-10-17	00:00:00"	3.7413	247.99	58.256	47.389	0.0831	26.226	0
"2012-10-17	01:00:00"	3.0851	248.32	57.102	48.089	0.08225	26.214	0
"2012-10-17	02:00:00"	3.0342	234.88	55.427	48.431	0.08161	26.211	0
"2012-10-17	03:00:00"	3.412	227.55	54.408	49.143	0.06529	26.214	0
"2012-10-17	04:00:00"	3.6089	207.27	52.959	51.359	0.06699	26.208	0
"2012-10-17	05:00:00"	3.3859	232.19	51.469	53.583	0.07186	26.202	0
"2012-10-17	06:00:00"	3.1957	236.8	51.05	53.029	0.06826	26.202	0
"2012-10-17	07:00:00"	3.3598	251.92	50.292	54.037	0.05427	26.217	0
"2012-10-17	08:00:00"	3.6729	233.48	51.05	50.084	0.91914	26.232	0
"2012-10-17	09:00:00"	3.7755	234.87	54.434	43.184	90.637	26.252	0
"2012-10-17	10:00:00"	5.3363	274.43	65.011	29.36	291.34	26.276	0
"2012-10-17	11:00:00"	11.624	302.07	77.801	16.715	499.71	26.296	0
"2012-10-17	12:00:00"	11.455	304.03	81.483	14.705	666.61	26.296	0
"2012-10-17	13:00:00"	14.109	305.74	83.556	14.628	776.11	26.288	0
"2012-10-17	14:00:00"	14.623	315.46	84.636	15.681	817.61	26.267	0
"2012-10-17	15:00:00"	15.531	315.33	86.032	14.152	797.62	26.249	0
"2012-10-17	16:00:00"	15.693	321.18	86.342	13.693	694.65	26.243	0
"2012-10-17	17:00:00"	14.976	309.42	87.236	12.452	538.36	26.24	0
"2012-10-17	18:00:00"	12.171	316.52	87.095	11.364	332.47	26.24	0
"2012-10-17	19:00:00"	9.1857	320.34	84.913	11.616	105.24	26.252	0
"2012-10-17	20:00:00"	4.5609	335.12	77.276	15.107	2.4674	26.27	0
"2012-10-17	21:00:00"	2.1344	243.75	70.528	20.117	0.05702	26.294	0
"2012-10-17	22:00:00"	3.0099	332.78	71.154	19.502	0.06783	26.311	0
"2012-10-17	23:00:00"	2.9509	345.04	69.401	22.453	0.06465	26.326	0
"2012-10-18	00:00:00"	6.3591	60.02	62.861	30.263	0.06359	26.341	0
"2012-10-18	01:00:00"	7.8454	59.174	59.37	40.229	0.07483	26.356	0
"2012-10-18	02:00:00"	9.489	51.563	56.886	45.378	0.05257	26.376	0
"2012-10-18	03:00:00"	10.617	52.655	55.669	45.922	0.04982	26.391	0
"2012-10-18	04:00:00"	11.052	61.363	54.754	42.409	0.06699	26.385	0
"2012-10-18	05:00:00"	10.658	60.298	51.832	42.038	0.05003	26.379	0
"2012-10-18	06:00:00"	11.66	58.169	51.44	40.74	0.0672	26.412	0
"2012-10-18	07:00:00"	10.238	57.012	49.71	41.117	0.04939	26.432	0
"2012-10-18	08:00:00"	8.1238	50.657	48.797	39.489	0.59291	26.444	0
"2012-10-18	09:00:00"	8.7825	47.347	48.047	40.25	62.824	26.471	0
"2012-10-18	10:00:00"	10.694	68.264	52.818	34.778	272.54	26.503	0
"2012-10-18	11:00:00"	10.04	91.164	58.536	29.283	539.63	26.527	0
"2012-10-18	12:00:00"	8.9453	108.4	61.884	28.207	634.82	26.521	0
"2012-10-18	13:00:00"	9.1192	128.36	65.078	24.489	768.12	26.509	0
"2012-10-18	14:00:00"	7.8976	163.55	67.426	23.051	825.67	26.488	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-18	15:00:00"	5.3717	178.94	69.211	22.194	796.41	26.465	0
"2012-10-18	16:00:00"	4.0035	203.22	71.783	19.069	701.04	26.453	0
"2012-10-18	17:00:00"	3.7755	319.13	73.647	16.388	544.09	26.438	0
"2012-10-18	18:00:00"	3.4113	340.17	74.376	14.885	341.78	26.432	0
"2012-10-18	19:00:00"	5.2698	100.05	72.311	18.222	130.08	26.435	0
"2012-10-18	20:00:00"	5.4706	107.71	65.278	26.128	7.4854	26.441	0
"2012-10-18	21:00:00"	7.2564	112.61	61.731	31.279	0.04558	26.453	0
"2012-10-18	22:00:00"	6.4616	119.08	57.969	35.849	0.06232	26.459	0
"2012-10-18	23:00:00"	7.2564	118.3	57.019	36.343	0.05363	26.471	0
"2012-10-19	00:00:00"	7.3005	123.76	55.255	38.313	0.07144	26.474	0
"2012-10-19	01:00:00"	5.096	141.83	52.916	42.127	0.0613	26.471	0
"2012-10-19	02:00:00"	6.6269	146.71	52.988	43.203	0.06741	26.468	0
"2012-10-19	03:00:00"	5.3127	147.43	52.161	44.267	0.06317	26.477	0
"2012-10-19	04:00:00"	2.1586	261.72	49.202	49.773	0.05787	26.471	0
"2012-10-19	05:00:00"	4.5068	29.578	47.255	52.734	0.06359	26.474	0
"2012-10-19	06:00:00"	6.0503	49.847	45.559	55.651	0.07674	26.471	0
"2012-10-19	07:00:00"	6.8481	53.333	43.25	60.926	0.0619	26.474	0
"2012-10-19	08:00:00"	7.8175	52.594	43.22	61.251	0.73557	26.483	0
"2012-10-19	09:00:00"	7.3017	58.589	44.78	58.276	79.038	26.497	0
"2012-10-19	10:00:00"	6.3591	99.637	53.746	44.458	264.28	26.521	0
"2012-10-19	11:00:00"	7.7646	146.89	60.228	38.427	483.05	26.524	0
"2012-10-19	12:00:00"	7.9076	173.9	64.459	36.452	658.17	26.509	0
"2012-10-19	13:00:00"	6.7164	168.93	68.225	33.401	768.9	26.494	0
"2012-10-19	14:00:00"	6.3256	180.4	72.253	30.19	812.77	26.459	0
"2012-10-19	15:00:00"	6.077	192.69	74.838	27.257	786.92	26.426	0
"2012-10-19	16:00:00"	7.2154	199.65	76.507	25.204	692.06	26.403	0
"2012-10-19	17:00:00"	6.6039	208.47	77.812	23.567	536.72	26.391	0
"2012-10-19	18:00:00"	6.8432	215.04	78.103	22.023	336.47	26.379	0
"2012-10-19	19:00:00"	5.798	196.35	76.511	23.488	127.52	26.37	0
"2012-10-19	20:00:00"	3.5089	163.72	69.513	30.249	4.9135	26.367	0
"2012-10-19	21:00:00"	4.2464	162.74	64.091	36.73	0.06508	26.367	0
"2012-10-19	22:00:00"	4.9797	172.42	61.376	41.476	0.06338	26.373	0
"2012-10-19	23:00:00"	2.3786	188.97	58.997	46.247	0.06656	26.37	0
"2012-10-20	00:00:00"	5.7551	183.55	57.772	49.503	0.05999	26.364	0
"2012-10-20	01:00:00"	3.607	223.03	55.967	56.383	0.07251	26.356	0
"2012-10-20	02:00:00"	3.1752	236.53	55.36	63.139	0.06593	26.347	0
"2012-10-20	03:00:00"	4.7852	235	53.323	66.192	0.07398	26.335	0
"2012-10-20	04:00:00"	4.5329	246	51.201	71.941	0.07652	26.326	0
"2012-10-20	05:00:00"	5.2928	261.17	50.495	77.437	0.06444	26.323	0
"2012-10-20	06:00:00"	4.5696	266.43	50.414	79.615	0.05745	26.317	0
"2012-10-20	07:00:00"	3.9389	270.72	50.685	79.438	0.06275	26.314	0
"2012-10-20	08:00:00"	2.8987	256.75	49.001	80.217	0.70208	26.326	0
"2012-10-20	09:00:00"	3.6307	261.32	50.11	74.104	87.135	26.344	0
"2012-10-20	10:00:00"	5.2195	242.36	57.755	55.981	289.84	26.353	0
"2012-10-20	11:00:00"	5.6321	248.78	67.253	35.865	502.59	26.356	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-20	12:00:00"	7.0631	242.29	76.151	25.111	639.27	26.347	0
"2012-10-20	13:00:00"	9.6598	248.37	82.933	16.204	576.83	26.332	0
"2012-10-20	14:00:00"	9.4548	231.37	84.581	17.784	679.71	26.308	0
"2012-10-20	15:00:00"	10.278	238.91	86.063	16.778	612.6	26.282	0
"2012-10-20	16:00:00"	10.962	238.5	87.699	15.315	680	26.267	0
"2012-10-20	17:00:00"	13.205	228.89	87.849	15.146	472.31	26.267	0
"2012-10-20	18:00:00"	11.16	225.43	85.289	17.948	198.52	26.261	0
"2012-10-20	19:00:00"	7.252	216.95	82.917	20.986	103.18	26.258	0
"2012-10-20	20:00:00"	5.4407	205.1	76.579	27.088	2.6693	26.267	0
"2012-10-20	21:00:00"	4.0228	199.88	71.945	30.617	0.03752	26.273	0
"2012-10-20	22:00:00"	3.8742	190.22	67.433	38.449	0.08119	26.288	0
"2012-10-20	23:00:00"	2.9223	216.41	66.215	43.622	0.07186	26.302	0
"2012-10-21	00:00:00"	2.9925	209.69	64.676	47.021	0.05109	26.302	0
"2012-10-21	01:00:00"	3.7396	208.99	62.891	56.128	0.06109	26.296	0
"2012-10-21	02:00:00"	2.7142	191.83	60.527	64.657	0.05702	26.296	0
"2012-10-21	03:00:00"	3.3374	188.06	59.463	71.584	0.07356	26.296	0
"2012-10-21	04:00:00"	3.6996	210.62	60.077	76.848	0.06911	26.299	0
"2012-10-21	05:00:00"	2.9888	237.36	58.58	81.047	0.06847	26.305	0
"2012-10-21	06:00:00"	3.8227	225.62	57.305	84.097	0.0725	26.305	0
"2012-10-21	07:00:00"	2.6707	242.74	56.82	86.662	0.06508	26.317	0
"2012-10-21	08:00:00"	2.2792	250.21	56.13	89.225	0.4973	26.335	0
"2012-10-21	09:00:00"	2.8571	250.51	56.84	87.645	83.03	26.358	0
"2012-10-21	10:00:00"	4.4608	238.17	64.143	65.831	275.69	26.379	0
"2012-10-21	11:00:00"	6.8065	270.29	71.317	41.687	487.81	26.391	0
"2012-10-21	12:00:00"	11.018	273.05	81.102	23.668	655.88	26.388	0
"2012-10-21	13:00:00"	13.876	257.54	83.549	19.554	765.44	26.385	0
"2012-10-21	14:00:00"	12.765	264.31	84.433	17.992	803.47	26.361	0
"2012-10-21	15:00:00"	13.102	264.37	85.978	15.766	772.56	26.332	0
"2012-10-21	16:00:00"	12.303	266.85	87.176	13.486	597.6	26.32	0
"2012-10-21	17:00:00"	13.341	238.43	87.537	13.328	394.11	26.326	0
"2012-10-21	18:00:00"	13.75	226.06	84.766	16.731	183.96	26.326	0
"2012-10-21	19:00:00"	6.0695	228.01	80.84	19.749	51.815	26.326	0
"2012-10-21	20:00:00"	4.2073	175.45	74	26.679	2.2915	26.332	0
"2012-10-21	21:00:00"	5.2916	169.29	70.278	30.206	0.06932	26.344	0
"2012-10-21	22:00:00"	4.7628	181.98	67.931	32.261	0.06359	26.356	0
"2012-10-21	23:00:00"	3.2057	229.03	67.712	32.26	0.05914	26.364	0
"2012-10-22	00:00:00"	3.0528	189.14	65.085	35.382	0.05215	26.379	0
"2012-10-22	00:00:00"	6.0397	178	64.76	37.893	0	0	0
"2012-10-22	01:00:00"	4.8995	231.15	65.474	37.915	0.05596	26.4	0
"2012-10-22	02:00:00"	8.3581	270.55	71.025	32.051	0.05257	26.415	0
"2012-10-22	03:00:00"	4.4186	293.65	69.615	36.074	0.0549	26.397	0
"2012-10-22	04:00:00"	3.7804	36.836	66.417	42.883	0.06529	26.376	0
"2012-10-22	05:00:00"	3.6375	300.57	65.783	45.319	0.06296	26.358	0.01
"2012-10-22	06:00:00"	3.0522	83.702	60.927	63.762	0.06063	26.367	0
"2012-10-22	07:00:00"	1.8529	40.112	59.03	67.059	0.07377	26.37	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-22	08:00:00"	2.2736	151.47	57.151	68.566	0.20286	0.2637	0
"2012-10-22	09:00:00"	2.3519	181.05	57.816	68.706	68.924	26.409	0
"2012-10-22	10:00:00"	5.1143	220.46	62.478	65.444	276.57	0.02628	0
"2012-10-22	11:00:00"	8.2916	205.79	69.511	48.873	458.49	26.444	0
"2012-10-22	12:00:00"	9.6841	213.56	73.654	39.211	625.32	26.438	0
"2012-10-22	13:00:00"	9.282	240.22	77.309	32.127	729.77	26.423	0
"2012-10-22	14:00:00"	9.7686	246	79.894	27.664	771.62	26.394	0
"2012-10-22	15:00:00"	11.561	236.16	81.564	25.482	739.29	26.364	0
"2012-10-22	16:00:00"	12.964	226.35	82.638	24.119	646.63	26.356	0
"2012-10-22	17:00:00"	12.478	220.37	82.54	23.914	483.22	26.353	0
"2012-10-22	18:00:00"	13.688	229.41	82.525	18.927	312.13	26.358	0
"2012-10-22	19:00:00"	10.438	224.9	80.426	21.528	112.5	26.367	0
"2012-10-22	20:00:00"	5.4059	196.42	73.871	30.865	3.5969	26.376	0
"2012-10-22	21:00:00"	5.6072	173.63	68.953	44.751	0.06275	26.388	0
"2012-10-22	22:00:00"	4.3011	204.7	64.547	54.102	0.08331	26.397	0
"2012-10-22	23:00:00"	2.2419	170.39	62.376	59.462	0.07801	26.406	0
"2012-10-23	00:00:00"	5.2705	190.59	62.507	61.64	0.08055	26.412	0
"2012-10-23	01:00:00"	3.2891	226.32	61.414	66.653	0.06426	26.397	0
"2012-10-23	02:00:00"	4.0948	214.01	60.998	71.547	0.06105	26.376	0
"2012-10-23	03:00:00"	5.3276	188.22	61.792	79.839	0.05787	26.364	0
"2012-10-23	04:00:00"	5.3158	171.41	60.532	86	0.08882	26.358	0
"2012-10-23	05:00:00"	2.2991	231.17	59.059	90.245	0.08882	0	0
"2012-10-23	06:00:00"	0.86122	58.977	58.596	92.651	0.06847	26.364	0
"2012-10-23	07:00:00"	1.2396	147.55	57.005	93.536	0.06656	26.373	0
"2012-10-23	08:00:00"	2.6626	192.58	55.856	93.587	0.36757	26.394	0
"2012-10-23	09:00:00"	5.4239	209.29	55.623	94.226	46.714	26.406	0
"2012-10-23	10:00:00"	5.757	207.81	58.593	94.416	193.16	26.423	0
"2012-10-23	11:00:00"	5.6135	233.67	61.952	89.734	441.48	26.435	0
"2012-10-23	12:00:00"	6.2311	208.83	72.199	53.068	634.72	26.429	0
"2012-10-23	13:00:00"	7.2085	222.13	78.856	29.287	744.23	26.418	0
"2012-10-23	14:00:00"	8.6134	205.45	81.939	24.501	795.21	26.397	0
"2012-10-23	15:00:00"	8.3233	211.15	83.982	19.69	760.45	26.373	0
"2012-10-23	16:00:00"	6.8556	222.48	85.823	15.553	665.07	26.361	0
"2012-10-23	17:00:00"	9.5741	200.15	85.851	17.914	510.32	26.353	0
"2012-10-23	18:00:00"	10.811	190.04	84.749	18.591	314.26	26.347	0
"2012-10-23	19:00:00"	8.0685	176.92	82.781	20.924	111.12	26.353	0
"2012-10-23	20:00:00"	5.2736	146.33	74.975	28.592	3.107	26.361	0
"2012-10-23	21:00:00"	7.1681	153.77	71.818	33.026	0.06126	26.367	0
"2012-10-23	22:00:00"	7.2787	159.11	69.224	35.113	0.06423	26.382	0
"2012-10-23	23:00:00"	11.322	175.07	69.521	48.543	0.06783	26.385	0
"2012-10-24	00:00:00"	11.919	177.19	69.347	69.422	0.05723	26.379	0
"2012-10-24	01:00:00"	12.322	177.33	68.391	77.367	0.04897	26.373	0
"2012-10-24	02:00:00"	11.321	180.95	67.471	80.476	0.06423	26.367	0
"2012-10-24	03:00:00"	10.955	178.75	66.6	83.062	0.07568	26.364	0
"2012-10-24	04:00:00"	9.6518	181.77	64.95	86.433	0.06359	26.353	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-24	05:00:00"	7.7168	187.7	63.217	89.643	0.06126	26.344	0
"2012-10-24	06:00:00"	7.6801	186.35	62.646	90.767	0.07949	26.353	0
"2012-10-24	07:00:00"	6.0981	186.28	62.091	91.795	0.08946	26.358	0
"2012-10-24	08:00:00"	8.0325	185.57	62.356	91.45	1.0465	26.364	0
"2012-10-24	09:00:00"	8.8123	181.37	62.186	91.984	29.924	26.364	0
"2012-10-24	10:00:00"	9.0944	187.47	63.164	91.505	103.26	26.379	0
"2012-10-24	11:00:00"	10.135	186.83	64.887	88.226	189.09	26.379	0
"2012-10-24	12:00:00"	10.743	185.71	68.496	78.648	350.74	26.361	0
"2012-10-24	13:00:00"	13.023	186.12	75.261	59.723	628.27	26.347	0
"2012-10-24	14:00:00"	13.584	195.52	79.574	49.115	706.04	26.317	0
"2012-10-24	15:00:00"	12.969	201.28	83.255	40.351	695.88	26.291	0
"2012-10-24	16:00:00"	13.356	209.08	84.943	34.398	491.97	26.267	0
"2012-10-24	17:00:00"	13.523	204.49	86.25	31.216	390.03	26.255	0
"2012-10-24	18:00:00"	12.841	189.92	86.044	31.886	223.59	26.243	0
"2012-10-24	19:00:00"	12.443	179.4	83.292	41.423	58.936	26.255	0
"2012-10-24	20:00:00"	11.623	183.65	78.9	50.299	3.1727	26.264	0
"2012-10-24	21:00:00"	11.224	183.67	74.95	57.326	0.07313	26.279	0
"2012-10-24	22:00:00"	12.219	178.22	71.565	67.731	0.05766	26.279	0
"2012-10-24	23:00:00"	13.657	184.26	69.198	76.222	0.06868	26.276	0
"2012-10-25	00:00:00"	9.7276	189.86	66.469	82.736	0.04261	26.282	0
"2012-10-25	01:00:00"	10.301	186.14	64.583	87.116	0.06847	26.267	0
"2012-10-25	02:00:00"	6.3243	213.91	62.627	90.227	0.08967	26.282	0
"2012-10-25	03:00:00"	4.2788	218.86	60.018	92.919	0.06296	26.276	0
"2012-10-25	04:00:00"	4.7485	241.91	59.318	94.134	0.06126	26.273	0.01
"2012-10-25	05:00:00"	6.6132	199.89	59.613	94.587	0.09412	26.267	0
"2012-10-25	06:00:00"	6.1746	262.76	59.304	94.539	0.04939	26.288	0
"2012-10-25	07:00:00"	2.3413	3.5654	56.899	94.357	0.07419	26.323	0
"2012-10-25	08:00:00"	5.2841	1.922	54.39	92.693	0.40658	26.361	0
"2012-10-25	09:00:00"	11.321	9.8451	55.877	54.434	77.157	26.394	0
"2012-10-25	10:00:00"	19.552	27.614	54.065	64.796	261.69	26.441	0
"2012-10-25	11:00:00"	22.046	34.727	56.116	64.636	460.18	26.468	0
"2012-10-25	12:00:00"	21.667	33.101	58.408	57.964	623.7	26.491	0
"2012-10-25	13:00:00"	19.018	37.788	60.373	52.078	727.05	26.506	0
"2012-10-25	14:00:00"	17.554	33.603	60.564	47.358	770.76	26.488	0
"2012-10-25	15:00:00"	15.916	35.247	63.328	39.402	745.84	26.465	0
"2012-10-25	16:00:00"	14.411	42.698	65.424	33.313	650.58	26.462	0
"2012-10-25	17:00:00"	13.261	50.267	66.207	30.684	491.46	26.465	0
"2012-10-25	18:00:00"	12.18	54.606	65.467	30.352	297.07	26.48	0
"2012-10-25	19:00:00"	11.546	49.599	63.325	33.205	99.223	26.494	0
"2012-10-25	20:00:00"	9.8183	48.719	58.538	38.062	1.6077	26.512	0
"2012-10-25	21:00:00"	8.5749	53.528	54.383	43.405	0.08734	26.524	0
"2012-10-25	22:00:00"	9.84	62.774	51.898	46.666	0.06147	26.533	0
"2012-10-25	23:00:00"	11.906	67.35	50.156	48.062	0.07186	26.556	0
"2012-10-26	00:00:00"	13.343	65.58	47.844	51.762	0.06974	26.583	0
"2012-10-26	01:00:00"	12.522	61.172	45.614	55.795	0.06889	26.592	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-26	02:00:00"	11.192	57.772	43.296	59.811	0.07144	26.598	0
"2012-10-26	03:00:00"	13.677	52.808	42.118	60.979	0.07992	26.612	0
"2012-10-26	04:00:00"	12.223	51.227	41.057	63.919	0.05596	26.624	0
"2012-10-26	05:00:00"	10.022	42.656	39.103	67.453	0.05596	26.636	0
"2012-10-26	06:00:00"	9.2112	42.347	38.026	70.18	0.06571	26.648	0
"2012-10-26	07:00:00"	6.7301	33.236	35.894	74.653	0.10366	26.672	0
"2012-10-26	08:00:00"	8.2363	27.743	34.861	77.347	0.31818	26.689	0
"2012-10-26	09:00:00"	10.234	35.038	35.89	74.836	64.788	26.71	0
"2012-10-26	10:00:00"	15.618	39.184	39.02	65.917	251.12	26.748	0
"2012-10-26	11:00:00"	17.083	36.794	41.879	57.999	448.35	26.763	0
"2012-10-26	12:00:00"	14.053	38.369	44.878	50.767	610.57	26.76	0
"2012-10-26	13:00:00"	12.1	34.14	47.874	44.396	728.6	26.748	0
"2012-10-26	14:00:00"	11.532	33.8	50.712	39.454	772.64	26.716	0
"2012-10-26	15:00:00"	12.397	33.837	52.847	35.68	746.1	26.695	0
"2012-10-26	16:00:00"	12.507	42.603	54.075	33.265	650.83	26.686	0
"2012-10-26	17:00:00"	12.646	35.926	54.537	31.5	495.84	26.677	0
"2012-10-26	18:00:00"	12.53	48.572	54.092	30.015	300.05	26.674	0
"2012-10-26	19:00:00"	12.26	47.333	52.487	28.941	101.59	26.689	0
"2012-10-26	20:00:00"	7.2309	55.707	48.162	32.097	1.8107	26.707	0
"2012-10-26	21:00:00"	5.3196	54.097	42.945	37.9	0.07271	26.722	0
"2012-10-26	22:00:00"	5.9372	52.85	40.288	41.01	0.085	26.736	0
"2012-10-26	23:00:00"	5.7843	56.872	38.188	43.382	0.09073	26.748	0
"2012-10-27	00:00:00"	5.1462	49.882	34.422	48.923	0.07292	26.748	0
"2012-10-27	01:00:00"	5.4755	43.649	33.412	49.597	0.06105	26.739	0
"2012-10-27	02:00:00"	5.6116	55.825	32.705	50.181	0.07186	26.722	0
"2012-10-27	03:00:00"	6.274	47.345	31.955	51.406	0.0602	26.713	0
"2012-10-27	04:00:00"	5.1512	68.584	31.401	52.343	0.07186	26.701	0
"2012-10-27	05:00:00"	5.2959	58.076	30.965	53.901	0.07377	26.692	0
"2012-10-27	06:00:00"	4.8032	73.58	34.123	49.624	0.08267	26.692	0
"2012-10-27	07:00:00"	4.2452	61.793	32.6	52.881	0.05787	26.692	0
"2012-10-27	08:00:00"	4.938	47.997	29.915	57.652	0.33556	26.692	0
"2012-10-27	09:00:00"	4.7783	71.016	31.038	56.251	65.658	0	0
"2012-10-27	10:00:00"	7.9573	118.7	38.072	48.272	254.06	26.713	0
"2012-10-27	11:00:00"	8.2027	132.98	42.071	41.251	458.08	26.707	0
"2012-10-27	12:00:00"	7.8405	154.28	45.254	32.951	627.91	26.686	0
"2012-10-27	13:00:00"	7.8871	178.76	48.488	25.634	739.52	26.657	0
"2012-10-27	14:00:00"	8.002	175.96	51.03	24.564	771.05	26.609	0
"2012-10-27	15:00:00"	9.6897	187.45	53.337	23.414	744.96	26.574	0
"2012-10-27	16:00:00"	9.9096	198.11	54.399	22.24	651.36	26.553	0
"2012-10-27	17:00:00"	8.6259	191.5	55.338	21.902	498.62	26.536	0
"2012-10-27	18:00:00"	8.6004	173.8	55.385	22.145	301.33	26.536	0
"2012-10-27	19:00:00"	6.4107	188.75	53.978	22.867	102.5	26.539	0
"2012-10-27	20:00:00"	3.8674	172.91	48.163	26.926	1.7736	26.55	0
"2012-10-27	21:00:00"	4.6261	152.55	43.734	30.946	0.05321	26.571	0
"2012-10-27	22:00:00"	4.8927	145.78	42.308	34.451	0.0655	26.58	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-27	23:00:00"	5.2363	145.2	40.632	38.097	0.0672	26.592	0
"2012-10-28	00:00:00"	5.5812	140.67	40.201	37.416	0.07886	26.601	0
"2012-10-28	01:00:00"	6.0074	123.03	39.667	38.545	0.06805	26.607	0
"2012-10-28	02:00:00"	6.3169	124.9	38.526	42.495	0.08776	26.607	0
"2012-10-28	03:00:00"	4.6435	95.178	35.986	48.232	0.06211	26.607	0
"2012-10-28	04:00:00"	5.3115	74.143	34.019	52.48	0.06317	26.604	0
"2012-10-28	05:00:00"	5.9142	61.103	31.77	57.299	0.06487	26.598	0
"2012-10-28	06:00:00"	5.688	75.335	32.212	58.646	0.06911	26.601	0
"2012-10-28	07:00:00"	5.0822	82.214	33.732	57.659	0.08246	26.612	0
"2012-10-28	08:00:00"	5.3413	88.377	34.318	57.308	0.32518	26.627	0
"2012-10-28	09:00:00"	6.2044	95.827	35.729	55.903	63.654	26.636	0
"2012-10-28	10:00:00"	9.246	124.34	43.337	43.225	253.25	26.654	0
"2012-10-28	11:00:00"	8.652	152.55	49.002	34.831	456.41	26.648	0
"2012-10-28	12:00:00"	8.7271	168.98	53.046	29.636	620.53	26.642	0
"2012-10-28	13:00:00"	8.4208	163.07	56.378	28.19	727.73	26.627	0
"2012-10-28	14:00:00"	8.7626	160.48	59.492	27.135	769.81	26.601	0
"2012-10-28	15:00:00"	6.4728	172.21	61.814	26.082	749	26.58	0
"2012-10-28	16:00:00"	7.5111	165.93	63.448	25.413	664.16	26.553	0
"2012-10-28	17:00:00"	7.4732	157.82	64.375	24.762	494.82	26.542	0
"2012-10-28	18:00:00"	8.3108	165.38	62.858	26.552	148.38	26.542	0
"2012-10-28	19:00:00"	6.5716	144.56	60.692	29.372	50.505	26.545	0
"2012-10-28	20:00:00"	4.9648	119.1	55.783	34.519	1.6802	26.55	0
"2012-10-28	21:00:00"	6.2616	114.89	52.787	39.226	0.08182	26.553	0
"2012-10-28	22:00:00"	6.8848	107.32	51.308	42.387	0.07886	26.565	0
"2012-10-28	23:00:00"	6.3697	129.63	50.356	45.262	0.07843	26.583	0
"2012-10-29	00:00:00"	5.414	144.61	48.971	47.903	0.06868	26.568	0
"2012-10-29	00:00:00"	5.3687	148	47.66	50.5	0	26.568	0
"2012-10-29	01:00:00"	4.7491	133.42	47.388	51.372	0.06402	26.583	0
"2012-10-29	02:00:00"	5.496	76.319	42.861	58.227	0.07949	26.571	0
"2012-10-29	03:00:00"	6.2616	79.579	40.628	64.921	0.07144	0	0
"2012-10-29	04:00:00"	5.9763	73.113	39.71	65.683	0.06147	26.565	0
"2012-10-29	05:00:00"	6.3628	56.622	38.555	65.606	0.05681	26.568	0
"2012-10-29	06:00:00"	6.5312	52.174	36.885	68.037	0.08988	26.571	0
"2012-10-29	07:00:00"	6.0472	56.818	35.669	69.664	0.08416	26.568	0
"2012-10-29	08:00:00"	6.2031	55.629	35.875	70.05	0.25671	0	0
"2012-10-29	09:00:00"	6.4181	60.286	36.797	68.678	62.249	26.598	0
"2012-10-29	10:00:00"	6.1584	121.98	44.832	56.044	248.94	26.615	0
"2012-10-29	11:00:00"	7.0719	166.55	51.763	45.977	451.34	26.612	0
"2012-10-29	12:00:00"	6.1311	181.77	57.059	39.265	615.16	26.612	0
"2012-10-29	13:00:00"	6.1628	186.93	63.039	33.406	722.08	26.601	0
"2012-10-29	14:00:00"	5.6626	194.56	67.971	29.038	764.96	26.568	0
"2012-10-29	15:00:00"	6.5231	209.21	71.051	25.12	738.71	26.539	0
"2012-10-29	16:00:00"	6.5113	208.98	73.647	21.238	640.64	26.515	0
"2012-10-29	17:00:00"	7.0376	212.15	74.981	19.27	485.46	26.5	0
"2012-10-29	18:00:00"	7.5884	203.81	75.241	17.574	290.69	26.485	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-29	19:00:00"	7.2334	195.2	73.104	17.97	94.456	26.491	0
"2012-10-29	20:00:00"	4.513	150.82	64.872	26.723	1.0459	26.497	0
"2012-10-29	21:00:00"	5.281	144.12	60.556	33.706	0.07144	26.5	0
"2012-10-29	22:00:00"	5.4351	163.57	56.778	42.125	0.0708	26.506	0
"2012-10-29	23:00:00"	6.7723	179.8	55.093	45.048	0.06995	26.506	0
"2012-10-30	00:00:00"	4.7945	215.01	52.484	48.8	0.07377	26.5	0
"2012-10-30	01:00:00"	3.686	235.01	48.584	55.659	0.07334	26.483	0
"2012-10-30	02:00:00"	3.4231	212.35	47.766	57.298	0.0672	26.48	0
"2012-10-30	03:00:00"	2.9695	276.85	47.129	58.579	0.06296	26.477	0
"2012-10-30	04:00:00"	2.9465	318.08	46.56	59.722	0.085	26.471	0
"2012-10-30	05:00:00"	3.8923	313.36	43.596	63.027	0.07483	26.462	0
"2012-10-30	06:00:00"	3.7748	33.209	39.797	68.644	0.07504	26.459	0
"2012-10-30	07:00:00"	3.0192	343.81	41.971	66.656	0.08161	26.465	0
"2012-10-30	08:00:00"	4.774	43.047	39.837	68.369	0.22364	26.474	0
"2012-10-30	09:00:00"	5.3432	25.246	38.523	73.149	61.48	26.488	0
"2012-10-30	10:00:00"	4.1924	24.069	49.698	55.028	250.3	26.506	0
"2012-10-30	11:00:00"	8.9813	10.12	60.937	29.008	452.67	26.503	0
"2012-10-30	12:00:00"	7.3601	359.18	66.619	21.49	619.04	26.512	0
"2012-10-30	13:00:00"	4.8436	347.11	71.28	18.801	726.23	26.497	0
"2012-10-30	14:00:00"	2.7322	251.76	74.923	17.163	763.98	26.477	0
"2012-10-30	15:00:00"	3.6102	280.85	76.92	14.871	734.33	26.453	0
"2012-10-30	16:00:00"	3.5176	306.12	78.706	13.295	637.12	26.432	0
"2012-10-30	17:00:00"	4.0526	323.05	80.182	12.739	481.15	26.429	0
"2012-10-30	18:00:00"	5.2208	201.18	80.284	13.249	285.58	26.432	0
"2012-10-30	19:00:00"	7.0774	96.062	76.263	17.348	91.164	26.444	0
"2012-10-30	20:00:00"	5.5867	73.719	66.073	25.493	0.97108	26.462	0
"2012-10-30	21:00:00"	5.8372	62.79	58.81	35.459	0.0496	26.474	0
"2012-10-30	22:00:00"	6.3983	66.845	56.955	41.993	0.07716	26.483	0
"2012-10-30	23:00:00"	6.4927	68.981	54.623	47.425	0.07568	26.494	0
"2012-10-31	00:00:00"	6.4753	71.78	53.867	49.766	0.05681	26.491	0
"2012-10-31	01:00:00"	6.7214	67.112	53.127	52.378	0.0814	26.491	0
"2012-10-31	02:00:00"	6.0857	69.393	51.454	56.991	0.08479	26.488	0
"2012-10-31	03:00:00"	5.8098	69.59	50.563	59.541	0.0725	26.488	0
"2012-10-31	04:00:00"	5.0878	58.429	50.681	59.58	0.0477	26.485	0
"2012-10-31	05:00:00"	5.524	39.653	47.338	65.314	0.07525	26.488	0
"2012-10-31	06:00:00"	5.0474	31.021	45.323	69.963	0.06656	26.497	0
"2012-10-31	07:00:00"	5.5513	35.005	45.362	70.127	0.07207	26.503	0
"2012-10-31	08:00:00"	5.3978	25.373	45.115	72.142	0.19248	26.512	0
"2012-10-31	09:00:00"	5.8496	28.325	45.727	70.823	57.158	26.536	0
"2012-10-31	10:00:00"	4.7069	46.811	54.473	55.31	240.39	26.559	0
"2012-10-31	11:00:00"	3.8106	165.37	64.266	40.154	440.25	26.574	0
"2012-10-31	12:00:00"	4.8262	157.26	69.696	30.975	605.37	26.574	0
"2012-10-31	13:00:00"	7.4297	169.8	73.632	25.025	712.69	26.559	0
"2012-10-31	14:00:00"	7.8491	167.67	75.898	21.257	751.26	26.533	0
"2012-10-31	15:00:00"	5.7408	163.34	79.025	18.547	612.75	26.55	0.11

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-10-31	16:00:00"	4.8312	164.65	79.476	18.143	443.02	26.542	0
"2012-10-31	17:00:00"	5.5476	124.94	79.504	18.608	455.03	26.533	0
"2012-10-31	18:00:00"	5.3264	141.04	78.533	18.717	278.72	26.536	0
"2012-10-31	19:00:00"	4.037	139.52	75.363	20.359	84.194	26.545	0
"2012-10-31	20:00:00"	2.7713	103.63	66.015	28.529	0.68787	26.55	0
"2012-10-31	21:00:00"	3.0982	101.12	61.712	33.554	0.05702	26.556	0
"2012-10-31	22:00:00"	2.6862	96.4	59.731	35.656	0.06169	26.565	0
"2012-10-31	23:00:00"	2.895	104.19	58.56	38.043	0.05787	26.574	0
"2012-11-01	00:00:00"	2.2282	82.966	56.649	40.416	0.07758	26.583	0
"2012-11-01	01:00:00"	1.3229	3.2375	55.581	42.426	0.0708	26.583	0
"2012-11-01	02:00:00"	2.5373	56.263	56.538	42.761	0.06063	26.58	0
"2012-11-01	03:00:00"	2.4737	57.793	54.644	46.486	0.05469	26.58	0
"2012-11-01	04:00:00"	3.1398	74.413	50.754	57.043	0.06656	26.568	0
"2012-11-01	05:00:00"	3.3759	70.052	51.97	64.933	0.07568	26.565	0
"2012-11-01	06:00:00"	2.6383	65.671	52.319	67.431	0.07334	26.559	0
"2012-11-01	07:00:00"	1.6802	38.646	52.21	69.529	0.0725	26.565	0
"2012-11-01	08:00:00"	1.9499	80.442	47.63	78.949	0.14966	26.571	0
"2012-11-01	09:00:00"	1.9219	27.453	49.779	75.342	55.902	26.595	0
"2012-11-01	10:00:00"	3.6431	98.918	57.907	64.148	238.47	26.604	0
"2012-11-01	11:00:00"	7.9908	185.54	66.388	43.753	437.05	26.604	0
"2012-11-01	12:00:00"	9.4268	196.53	70.596	37.347	598.88	26.598	0
"2012-11-01	13:00:00"	8.03	191.35	74.353	34.39	594.94	26.533	0
"2012-11-01	14:00:00"	9.7754	190.79	76.543	27.54	745.33	26.5	0
"2012-11-01	15:00:00"	10.194	182.1	78.689	19.976	717.42	26.471	0
"2012-11-01	16:00:00"	10.062	194.01	79.537	18.047	621.94	26.456	0
"2012-11-01	17:00:00"	10.491	185.74	79.889	16.634	467.91	26.444	0
"2012-11-01	18:00:00"	8.7358	189.49	79.281	16.1	275.14	26.444	0
"2012-11-01	19:00:00"	6.4417	188.94	76.378	17.609	85.553	26.447	0
"2012-11-01	20:00:00"	3.9277	163.69	68.75	23.242	0.7078	26.453	0
"2012-11-01	21:00:00"	4.5602	143.07	65.079	28.001	0.05851	26.45	0
"2012-11-01	22:00:00"	5.6893	138.78	62.344	34.966	0.06953	26.45	0
"2012-11-01	23:00:00"	6.5455	161.56	59.949	41.309	0.06889	26.462	0
"2012-11-02	00:00:00"	6.1752	166.85	57.428	53.125	0.05215	26.462	0
"2012-11-02	01:00:00"	4.8554	174.95	55.905	64.416	0.0619	26.462	0
"2012-11-02	02:00:00"	2.2736	191.33	54.423	72.84	0.07716	26.456	0
"2012-11-02	03:00:00"	2.314	207.73	53.781	78.662	0.08967	26.444	0
"2012-11-02	04:00:00"	2.3301	217.59	53.011	84.523	0.06169	26.435	0
"2012-11-02	05:00:00"	2.4954	222.53	52.466	89.404	0.05745	26.423	0
"2012-11-02	06:00:00"	3.3368	235.27	51.441	92.595	0.07483	26.423	0
"2012-11-02	07:00:00"	2.7987	234.22	49.973	93.317	0.06805	26.42	0
"2012-11-02	08:00:00"	3.4443	246.05	50.608	93.914	0.12337	26.432	0
"2012-11-02	09:00:00"	4.275	289.16	50.134	93.861	56.009	26.447	0
"2012-11-02	10:00:00"	4.8038	240.53	53.214	92.779	255.86	26.465	0
"2012-11-02	11:00:00"	7.4571	223.07	59.659	73.744	429.62	26.471	0
"2012-11-02	12:00:00"	6.7263	237.31	66.331	53.268	589.4	26.468	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-02	13:00:00"	6.4318	247.49	73.738	34.331	697.52	26.45	0
"2012-11-02	14:00:00"	6.6959	277.95	79.611	21.172	734.2	26.418	0
"2012-11-02	15:00:00"	9.8319	292.13	82.416	12.073	704.69	26.397	0
"2012-11-02	16:00:00"	10.136	277.54	82.753	11.124	609.27	26.388	0
"2012-11-02	17:00:00"	8.4792	276.97	82.804	10.733	458.47	26.379	0
"2012-11-02	18:00:00"	5.6924	292.27	82.209	10.931	263.35	26.376	0
"2012-11-02	19:00:00"	4.1508	310.5	79.594	12.225	72.733	26.385	0
"2012-11-02	20:00:00"	3.4449	352.65	75.009	13.865	0.35634	26.397	0
"2012-11-02	21:00:00"	2.6862	65.274	68.919	16.885	0.06699	26.412	0
"2012-11-02	22:00:00"	2.342	49.836	70.116	19.115	0.06614	26.42	0
"2012-11-02	23:00:00"	3.9799	110.06	68.32	23.954	0.06593	26.435	0
"2012-11-03	00:00:00"	4.6255	176.46	63.726	36.256	0.07101	26.432	0
"2012-11-03	01:00:00"	4.9946	190.18	60.213	47.675	0.07356	26.432	0
"2012-11-03	02:00:00"	6.264	171.94	59.022	60.561	0.07801	26.432	0
"2012-11-03	03:00:00"	3.5449	229.59	55.92	68.153	0.06084	26.435	0
"2012-11-03	04:00:00"	3.9805	192.97	55.888	74.896	0.06826	26.438	0
"2012-11-03	05:00:00"	3.8506	242.98	55.717	78.539	0.06444	26.456	0
"2012-11-03	06:00:00"	3.6021	262.46	56.549	75.803	0.06084	26.45	0
"2012-11-03	07:00:00"	5.2052	178.09	56.101	77.271	0.07716	26.483	0
"2012-11-03	08:00:00"	6.6418	62.384	55.182	78.51	0.10366	26.503	0
"2012-11-03	09:00:00"	10.751	38.628	53.427	68.858	55.1	26.539	0
"2012-11-03	10:00:00"	14.805	29.177	52.232	50.863	121.24	26.553	0
"2012-11-03	11:00:00"	13.831	32.063	53.51	50.331	164.03	26.568	0
"2012-11-03	12:00:00"	8.8471	28.062	55.336	48.145	213.74	26.609	0
"2012-11-03	13:00:00"	7.4161	66.648	57.617	46.455	174.32	26.595	0
"2012-11-03	14:00:00"	7.2769	42.819	59.955	46.494	198.3	26.559	0
"2012-11-03	15:00:00"	10.251	4.158	62.69	43.597	210.83	26.536	0
"2012-11-03	16:00:00"	13.556	350.2	60.797	48.455	186.92	26.506	0
"2012-11-03	17:00:00"	9.7524	52.435	62.145	45.816	175.28	26.53	0
"2012-11-03	18:00:00"	7.8212	82.003	64.841	40.606	312.31	26.545	0
"2012-11-03	19:00:00"	6.3392	84.706	62.659	43.681	73.541	26.553	0
"2012-11-03	20:00:00"	5.8831	49.83	56.105	53.502	0.51469	26.559	0
"2012-11-03	21:00:00"	6.1752	55.636	53.211	59.787	0.06211	26.568	0
"2012-11-03	22:00:00"	5.3966	57.154	50.493	65.27	0.06105	26.574	0
"2012-11-03	23:00:00"	5.3599	49.761	48.598	69.493	0.06635	26.583	0
"2012-11-04	00:00:00"	5.6737	52.308	47.722	72.238	0.06677	26.58	0
"2012-11-04	01:00:00"	6.1969	60.822	47.089	73.842	0.05957	26.598	0
"2012-11-04	02:00:00"	5.9415	53.192	45.416	77.653	0.07843	26.592	0
"2012-11-04	03:00:00"	6.3106	44.935	45.09	79.99	0.06932	26.598	0
"2012-11-04	04:00:00"	6.8021	43.446	44.927	81.3	0.07483	26.604	0
"2012-11-04	05:00:00"	6.0975	53.309	43.995	82.237	0.06423	26.601	0
"2012-11-04	06:00:00"	6.7232	35.183	42.703	83.224	0.08034	26.595	0
"2012-11-04	07:00:00"	6.6685	38.177	41.924	83.582	0.06147	26.607	0
"2012-11-04	08:00:00"	6.612	38.483	41.154	84.34	0.08734	26.612	0
"2012-11-04	09:00:00"	6.2988	36.485	41.498	83.395	42.507	26.618	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-04	10:00:00"	6.7189	51.621	48.543	70.35	208.69	26.636	0
"2012-11-04	11:00:00"	4.3384	110.76	56.013	57.296	403.71	26.636	0
"2012-11-04	12:00:00"	3.0404	184.57	61.068	53.877	563.64	26.645	0
"2012-11-04	13:00:00"	3.6214	200.73	64.554	48.536	672.08	26.627	0
"2012-11-04	14:00:00"	5.642	227.48	67.763	44.157	714.28	26.601	0
"2012-11-04	15:00:00"	7.2781	233.46	70.349	39.584	686.24	26.571	0
"2012-11-04	16:00:00"	7.1265	234.97	72.524	35.634	592.91	26.553	0
"2012-11-04	17:00:00"	6.6493	232.93	74.12	31.957	441.45	26.542	0
"2012-11-04	18:00:00"	6.7847	223.34	74.564	30.73	252.72	26.533	0
"2012-11-04	19:00:00"	5.9099	206.28	72.488	32.957	70.983	26.533	0
"2012-11-04	20:00:00"	5.4432	178.61	65.1	43.072	0.48035	26.545	0
"2012-11-04	21:00:00"	5.7725	175.27	61.276	48.916	0.04982	26.547	0
"2012-11-04	22:00:00"	3.9451	204.01	58.399	53.925	0.05511	26.556	0
"2012-11-04	23:00:00"	2.6452	234.43	55.515	60.194	0.07398	26.562	0
"2012-11-05	00:00:00"	3.4896	250.91	54.338	63.745	0.06147	26.559	0
"2012-11-05	01:00:00"	3.0112	226.39	52.078	69.396	0.05766	26.55	0
"2012-11-05	01:00:00"	2.0275	258.64	51.552	72.936	0.05639	26.547	0
"2012-11-05	02:00:00"	2.5688	239.23	51.626	76.338	0.07674	26.556	0
"2012-11-05	03:00:00"	3.5946	279.42	53.305	74.681	0.06381	26.545	0
"2012-11-05	04:00:00"	3.9339	290.58	53.48	73.277	0.08394	26.536	0
"2012-11-05	05:00:00"	5.5532	309.77	52.983	69.55	0.06465	26.542	0
"2012-11-05	06:00:00"	10.245	359.78	49.908	65.357	0.07568	26.55	0
"2012-11-05	07:00:00"	12.649	12.255	50.187	59.402	0.08076	26.565	0
"2012-11-05	08:00:00"	12.312	29.847	48.818	58.289	46.882	26.595	0
"2012-11-05	09:00:00"	15.288	39.325	51.989	47.871	222.06	26.612	0
"2012-11-05	10:00:00"	18.234	45.431	57.927	35.105	417.89	26.633	0
"2012-11-05	11:00:00"	17.016	49.461	62.986	27.418	578.79	26.639	0
"2012-11-05	12:00:00"	13.789	50.724	66.295	24.213	682.71	26.642	0
"2012-11-05	13:00:00"	11.242	55.761	69.079	21.424	723.35	26.621	0
"2012-11-05	14:00:00"	9.5057	51.465	70.592	20.041	690.17	26.595	0
"2012-11-05	15:00:00"	7.6497	53.843	71.64	19.419	599.53	26.58	0
"2012-11-05	16:00:00"	6.3374	45.77	71.911	19.519	445.49	26.577	0
"2012-11-05	17:00:00"	5.8322	56.353	71.807	19.77	255.03	26.58	0
"2012-11-05	18:00:00"	4.3347	75.559	69.506	21.579	71.12	26.577	0
"2012-11-05	19:00:00"	4.756	81.624	63.18	26.517	0.49222	26.592	0
"2012-11-05	20:00:00"	4.6708	77.376	59.047	30.479	0.06614	26.592	0
"2012-11-05	21:00:00"	4.5254	92.06	56.154	34.164	0.05617	26.609	0
"2012-11-05	22:00:00"	3.7717	80.194	53.769	37.712	0.04982	26.607	0
"2012-11-05	23:00:00"	4.4807	147.48	53.101	39.854	0.06105	26.595	0
"2012-11-06	00:00:00"	1.4695	333.79	51.007	44.074	0.05215	26.595	0
"2012-11-06	01:00:00"	2.3401	75.776	51.51	45.566	0.05215	26.598	0
"2012-11-06	02:00:00"	1.5137	211.89	50.599	48.223	0.06974	26.589	0
"2012-11-06	03:00:00"	1.4515	263.42	48.407	51.754	0.0778	26.583	0
"2012-11-06	04:00:00"	3.1733	295.78	47.163	52.883	0.05978	26.58	0
"2012-11-06	05:00:00"	1.8455	272.56	46.95	53.49	0.07631	26.574	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-06	06:00:00"	3.3455	348.45	45.138	56.107	0.06635	26.583	0
"2012-11-06	07:00:00"	3.507	9.5214	41.869	61.305	0.07737	26.589	0
"2012-11-06	08:00:00"	2.4004	315.77	45.885	57.03	46.902	26.598	0
"2012-11-06	09:00:00"	4.0681	249.92	52.554	48.327	220.66	26.621	0
"2012-11-06	10:00:00"	8.2785	217.45	60.368	40.813	414.91	26.624	0
"2012-11-06	11:00:00"	6.5996	220.14	66.346	34.616	575.29	26.633	0
"2012-11-06	12:00:00"	5.7123	234.98	70.438	28.549	682.25	26.621	0
"2012-11-06	13:00:00"	5.2574	223.73	73.9	23.925	721.67	26.598	0
"2012-11-06	14:00:00"	4.8461	246.5	76.073	21.114	689.11	26.577	0
"2012-11-06	15:00:00"	5.1406	207.83	77.545	19.475	595.52	26.568	0
"2012-11-06	16:00:00"	5.8477	202.87	77.777	19.427	442.7	26.559	0
"2012-11-06	17:00:00"	5.8309	170.21	77.223	19.087	254.07	26.559	0
"2012-11-06	18:00:00"	5.6004	162.37	73.974	21.341	71.36	26.565	0
"2012-11-06	19:00:00"	4.3502	146.94	65.686	28.026	0.37287	26.571	0
"2012-11-06	20:00:00"	5.8695	123.36	63.518	29.995	0.03964	26.58	0
"2012-11-06	21:00:00"	6.8158	116.38	62.287	31.572	0.07992	26.586	0
"2012-11-06	22:00:00"	6.9227	113.88	61.134	33.204	0.07271	26.598	0
"2012-11-06	23:00:00"	6.7033	117.77	59.446	36.201	0.06762	26.607	0
"2012-11-07	00:00:00"	5.0325	120.41	56.626	41.232	0.06063	26.607	0
"2012-11-07	01:00:00"	4.8976	141.29	55.273	46.745	0.06529	26.607	0
"2012-11-07	02:00:00"	4.1042	116.38	54.637	50.935	0.05575	26.601	0
"2012-11-07	03:00:00"	4.9492	63.501	50.986	54.767	0.05236	26.595	0
"2012-11-07	04:00:00"	6.5008	40.733	46.049	59.489	0.08161	26.583	0
"2012-11-07	05:00:00"	5.5824	37.843	43.937	63.31	0.06699	26.577	0
"2012-11-07	06:00:00"	5.7396	31.871	44.35	64.961	0.07504	26.583	0
"2012-11-07	07:00:00"	5.839	44.068	45.343	66.186	0.0903	26.589	0
"2012-11-07	08:00:00"	5.8272	43.862	46.912	65.531	43.87	26.604	0
"2012-11-07	09:00:00"	4.7628	107.05	55.415	54.176	214.91	26.612	0
"2012-11-07	10:00:00"	5.2531	181.56	62.425	44.333	406.43	26.612	0
"2012-11-07	11:00:00"	7.1911	167.06	68.152	36.871	566.29	26.598	0
"2012-11-07	12:00:00"	8.8583	167.41	72.172	32.783	674.79	26.571	0
"2012-11-07	13:00:00"	10.022	183.41	75.316	27.724	716.03	26.536	0
"2012-11-07	14:00:00"	10.324	196.43	77.262	23.31	690.62	26.506	0
"2012-11-07	15:00:00"	9.9382	209.88	78.654	19.237	597.09	26.485	0
"2012-11-07	16:00:00"	10.367	213	79.346	17.759	445.11	26.474	0
"2012-11-07	17:00:00"	9.3187	210.29	79.051	18.307	254.01	26.468	0
"2012-11-07	18:00:00"	7.0439	188.02	75.841	19.907	70.816	26.468	0
"2012-11-07	19:00:00"	5.4401	165.38	66.478	27.031	0.26837	26.474	0
"2012-11-07	20:00:00"	5.2189	165	62.213	31.862	0.06041	26.48	0
"2012-11-07	21:00:00"	5.4892	168.1	60.156	35.345	0.06508	26.483	0
"2012-11-07	22:00:00"	5.7918	186.8	58.959	44.85	0.07928	26.485	0
"2012-11-07	23:00:00"	5.8546	197.18	58.165	52.139	0.06805	26.48	0
"2012-11-08	00:00:00"	5.4072	198.98	56.878	60.945	0.08649	26.471	0
"2012-11-08	01:00:00"	5.4221	196.39	55.97	69.116	0.0672	26.462	0
"2012-11-08	02:00:00"	4.4291	221.32	53.714	75.752	0.07546	26.459	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-08	03:00:00"	4.216	241.3	50.607	81.204	0.07271	26.444	0
"2012-11-08	04:00:00"	3.7562	228.88	48.871	85.855	0.07398	26.435	0
"2012-11-08	05:00:00"	3.8233	234.17	49.593	86.411	0.06953	26.438	0
"2012-11-08	06:00:00"	3.7009	226.55	47.76	89.428	0.06041	26.441	0
"2012-11-08	07:00:00"	3.4809	232.81	47.216	90.885	0.08734	26.453	0
"2012-11-08	08:00:00"	3.2964	236.37	47.371	91.343	43.445	26.465	0
"2012-11-08	09:00:00"	3.8227	241.81	51.038	85.073	204.8	26.483	0
"2012-11-08	10:00:00"	7.0979	228.49	59.219	63.119	376.19	26.491	0
"2012-11-08	11:00:00"	9.2093	223.88	67.115	40.066	506.34	26.48	0
"2012-11-08	12:00:00"	10.922	228.18	73.907	28.789	685.65	26.462	0
"2012-11-08	13:00:00"	11.433	227	78.751	21.705	717.46	26.429	0
"2012-11-08	14:00:00"	10.987	216.61	80.03	20.232	538.2	26.4	0
"2012-11-08	15:00:00"	11	216.16	82.137	18.263	564.13	26.382	0
"2012-11-08	16:00:00"	12.586	204.85	82.8	16.321	440.35	26.376	0
"2012-11-08	17:00:00"	11.411	187.5	81.276	15.521	173.31	26.373	0
"2012-11-08	18:00:00"	5.0256	178.4	76.696	19.184	44.606	26.37	0
"2012-11-08	19:00:00"	4.9045	152.58	72.171	23.458	0.56365	26.385	0
"2012-11-08	20:00:00"	6.8258	157.93	67.27	35.052	0.04218	26.391	0
"2012-11-08	21:00:00"	7.4745	165.26	65.343	42.276	0.04388	26.397	0
"2012-11-08	22:00:00"	10.269	184.22	65.443	47.614	0.06423	26.403	0
"2012-11-08	23:00:00"	11.088	180.06	64.175	56.135	0.06974	26.403	0
"2012-11-09	00:00:00"	12.007	175.68	63.216	61.02	0.06847	26.397	0
"2012-11-09	01:00:00"	13.154	179.8	62.98	63.038	0.05808	26.394	0
"2012-11-09	02:00:00"	11.374	187.7	62.02	65.08	0.0496	26.4	0
"2012-11-09	03:00:00"	5.5414	203.43	58.991	71.359	0.0602	26.397	0
"2012-11-09	04:00:00"	3.6356	196.77	56.213	77.255	0.06169	26.391	0
"2012-11-09	05:00:00"	3.1386	229.78	52.916	83.268	0.06932	26.391	0
"2012-11-09	06:00:00"	3.9855	210.26	52.133	85.984	0.06614	26.397	0
"2012-11-09	07:00:00"	6.9817	193.64	52.497	86.829	0.07419	26.4	0
"2012-11-09	08:00:00"	4.4496	199.21	51.69	88.419	38.024	26.415	0
"2012-11-09	09:00:00"	6.9389	203.67	55.529	78.964	202.38	26.429	0
"2012-11-09	10:00:00"	8.0971	201.72	62.925	52.405	394.21	26.441	0
"2012-11-09	11:00:00"	8.8626	215.09	68.938	37.396	553.5	26.438	0
"2012-11-09	12:00:00"	12.362	247.44	74.618	28.724	657.39	26.415	0
"2012-11-09	13:00:00"	12.371	235.08	78.125	24.671	693.63	26.385	0
"2012-11-09	14:00:00"	14.286	210.45	78.44	24.803	665.5	26.358	0
"2012-11-09	15:00:00"	12.995	218.12	79.98	22.201	571.74	26.341	0
"2012-11-09	16:00:00"	14.844	222.19	80.648	20.114	428.49	26.329	0
"2012-11-09	17:00:00"	13.01	205.39	80.249	20.26	231.13	26.326	0
"2012-11-09	18:00:00"	9.41	180.63	75.79	24.491	21.226	26.326	0
"2012-11-09	19:00:00"	5.3674	169.22	69.874	30.503	0.20795	26.35	0
"2012-11-09	20:00:00"	8.8228	179.79	70.306	35.959	0.06741	26.353	0
"2012-11-09	21:00:00"	7.0476	174.88	68.819	44.744	0.06847	26.361	0
"2012-11-09	22:00:00"	9.4511	178.75	66.404	59.437	0.05872	26.367	0
"2012-11-09	23:00:00"	13.102	177.05	64.796	68.335	0.07568	26.358	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-10	00:00:00"	14.044	174.75	63.634	71.607	0.06126	26.344	0
"2012-11-10	01:00:00"	13.915	174.26	62.58	72.441	0.05872	26.329	0
"2012-11-10	02:00:00"	14.904	170.25	62.101	71.079	0.06593	26.314	0
"2012-11-10	03:00:00"	13.074	169.12	61.038	70.029	0.06041	26.299	0
"2012-11-10	04:00:00"	10.916	177.95	59.892	69.979	0.07017	26.299	0
"2012-11-10	05:00:00"	9.072	187.7	58.659	71.575	0.06487	26.302	0
"2012-11-10	06:00:00"	8.3059	185.63	57.441	73.578	0.08267	26.299	0
"2012-11-10	07:00:00"	6.4032	186.65	55.869	77.382	0.07758	26.302	0
"2012-11-10	08:00:00"	7.6876	184.46	54.932	81.694	41.72	26.305	0
"2012-11-10	09:00:00"	10.939	183.57	58.311	75.048	170.1	26.317	0
"2012-11-10	10:00:00"	14.84	185.66	64.357	59.998	395.42	26.308	0
"2012-11-10	11:00:00"	18.289	186.09	69.222	47.854	590.63	26.288	0
"2012-11-10	12:00:00"	18.936	201.46	74.297	36.887	651.95	26.267	0
"2012-11-10	13:00:00"	19.632	207.15	77.424	29.226	634.95	26.226	0
"2012-11-10	14:00:00"	22.744	212.58	80.802	20.989	622.86	26.193	0
"2012-11-10	15:00:00"	23.518	216.6	80.714	17.146	417.33	26.178	0
"2012-11-10	16:00:00"	23.697	216.99	80.311	17.452	375.83	26.167	0
"2012-11-10	17:00:00"	21.711	211.21	79.217	18.13	161.57	26.164	0
"2012-11-10	18:00:00"	15.497	212.9	77.695	19.557	33.44	26.161	0
"2012-11-10	19:00:00"	9.3566	212.59	74.898	22.229	0.14945	26.196	0
"2012-11-10	20:00:00"	8.688	224.82	72.111	28.446	0.05193	26.208	0
"2012-11-10	21:00:00"	4.6143	264.99	69.998	25.61	0.06995	26.24	0
"2012-11-10	22:00:00"	3.6338	253.1	67.491	30.027	0.05893	26.252	0
"2012-11-10	23:00:00"	4.7491	265.11	65.45	29.688	0.05511	26.27	0
"2012-11-11	00:00:00"	5.4662	298.69	62.411	32.159	0.06381	26.267	0
"2012-11-11	01:00:00"	8.8676	317.14	59.86	34.534	0.07546	26.279	0
"2012-11-11	02:00:00"	9.602	309.1	57.412	37.391	0.07758	26.288	0
"2012-11-11	03:00:00"	13.351	339.56	52.972	37.103	0.05914	26.314	0
"2012-11-11	04:00:00"	13.601	6.4083	47.592	33.184	0.06232	26.326	0
"2012-11-11	05:00:00"	8.7526	13.991	44.296	36.784	0.05575	26.347	0
"2012-11-11	06:00:00"	7.3067	355.19	42.302	38.783	0.05829	26.376	0
"2012-11-11	07:00:00"	6.4554	344.65	39.943	41.904	0.08628	26.409	0
"2012-11-11	08:00:00"	6.9625	344.69	40.255	41.951	34.877	26.441	0
"2012-11-11	09:00:00"	9.9109	334.58	45.298	35.705	199.52	26.477	0
"2012-11-11	10:00:00"	10.786	329.64	48.997	31.536	400.23	26.491	0
"2012-11-11	11:00:00"	13.651	313.12	52.175	27.052	572.73	26.506	0
"2012-11-11	12:00:00"	15.22	311.67	52.737	22.548	676.34	26.506	0
"2012-11-11	13:00:00"	16.98	303.31	54.342	17.489	727.06	26.5	0
"2012-11-11	14:00:00"	16.011	309.69	54.457	15.406	700.13	26.5	0
"2012-11-11	15:00:00"	14.09	299.82	55.335	14.276	601.87	26.5	0
"2012-11-11	16:00:00"	14.136	309.37	55.551	12.353	450	26.515	0
"2012-11-11	17:00:00"	14.339	312.62	55.326	10.093	256.06	26.536	0
"2012-11-11	18:00:00"	11.211	340.53	52.602	11.704	67.51	26.562	0
"2012-11-11	19:00:00"	6.8152	355.25	46.279	14.735	0.34319	26.598	0
"2012-11-11	20:00:00"	5.6023	359.03	42.458	17.249	0.08182	26.621	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-11	21:00:00"	5.6234	344.53	40.478	18.731	0.0867	26.651	0
"2012-11-11	22:00:00"	4.8753	331.78	39.891	19.147	0.07059	26.674	0
"2012-11-11	23:00:00"	3.0062	341.5	38.554	19.737	0.07928	26.692	0
"2012-11-12	00:00:00"	5.2239	336.29	36.97	20.494	0.05702	26.707	0
"2012-11-12	01:00:00"	8.6091	347.92	37.527	20.716	0.07462	26.71	0
"2012-11-12	02:00:00"	10.568	353.82	38.158	21.311	0.06783	26.719	0
"2012-11-12	03:00:00"	14.743	355.63	38.576	21.751	0.06847	26.722	0
"2012-11-12	04:00:00"	14.607	357.03	38.706	22.316	0.07546	26.725	0
"2012-11-12	05:00:00"	10.085	351.38	36.846	24.687	0.09242	26.748	0
"2012-11-12	06:00:00"	5.67	352	34.533	26.811	0.06932	26.772	0
"2012-11-12	07:00:00"	6.2286	352.65	35.008	25.929	0.07334	26.769	0
"2012-11-12	08:00:00"	7.9094	356.44	34.026	26.363	40.954	26.793	0
"2012-11-12	09:00:00"	7.065	338.68	38.1	23.373	215.04	26.819	0
"2012-11-12	10:00:00"	9.9836	355.84	43.261	19.394	413.36	26.837	0
"2012-11-12	11:00:00"	5.7303	8.2353	46.473	16.053	578.71	26.837	0
"2012-11-12	12:00:00"	4.065	70.145	49.102	13.777	686.58	26.825	0
"2012-11-12	13:00:00"	3.5536	4.9798	51.181	12.241	727.36	26.804	0
"2012-11-12	14:00:00"	4.1166	335.43	53.113	11.341	698.66	26.778	0
"2012-11-12	15:00:00"	3.9103	3.2236	54.785	10.577	601.26	26.754	0
"2012-11-12	16:00:00"	6.3616	137.89	54.895	11.029	447.65	26.745	0
"2012-11-12	17:00:00"	5.7129	140.21	54.15	11.461	253.53	26.751	0
"2012-11-12	18:00:00"	5.3003	124.66	51.51	12.402	60.261	26.751	0
"2012-11-12	19:00:00"	5.6402	105.99	44.426	16.961	0.15475	26.76	0
"2012-11-12	20:00:00"	6.4467	108.56	41.709	20.98	0.07864	26.769	0
"2012-11-12	21:00:00"	6.0869	91.182	38.626	23.639	0.07631	26.781	0
"2012-11-12	22:00:00"	6.8537	105.83	38.579	26.281	0.08055	26.801	0
"2012-11-12	23:00:00"	8.8477	113.82	40.723	30.471	0.07229	26.801	0
"2012-11-13	00:00:00"	6.4964	99.506	37.326	36.144	0.05766	26.793	0
"2012-11-13	01:00:00"	6.2734	87.826	35.072	40.711	0.0602	26.766	0
"2012-11-13	02:00:00"	7.7858	102.09	35.756	44.331	0.07822	26.754	0
"2012-11-13	03:00:00"	8.1816	104.76	36.364	44.255	0.08076	26.739	0
"2012-11-13	04:00:00"	9.2702	109.68	36.672	43.222	0.07398	26.734	0
"2012-11-13	05:00:00"	9.5157	103.99	36.981	41.726	0.08373	26.731	0
"2012-11-13	06:00:00"	8.8539	106.43	36.364	42.774	0.07716	26.728	0
"2012-11-13	07:00:00"	8.6513	100.03	35.883	44.711	0.05829	26.734	0
"2012-11-13	08:00:00"	7.275	92.31	34.948	47.12	11.829	26.734	0
"2012-11-13	09:00:00"	8.3326	103.93	37.791	43.842	183.92	26.742	0
"2012-11-13	10:00:00"	12.549	144.74	44.519	36.066	390.65	26.734	0
"2012-11-13	11:00:00"	13.99	162.67	48.771	31.306	552.03	26.722	0
"2012-11-13	12:00:00"	13.383	172.93	51.917	28.142	659.27	26.701	0
"2012-11-13	13:00:00"	10.225	182.07	53.667	25.878	700.7	26.683	0
"2012-11-13	14:00:00"	8.2388	180.83	55.227	24.054	673.79	26.648	0
"2012-11-13	15:00:00"	10.125	168.16	56.64	22.737	580.69	26.624	0
"2012-11-13	16:00:00"	8.9602	169.51	57.08	22.162	429.21	26.618	0
"2012-11-13	17:00:00"	9.282	173.46	57.023	22.199	240.89	26.609	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-13	18:00:00"	6.3666	172.36	54.473	23.617	61.146	26.627	0
"2012-11-13	19:00:00"	4.1843	146	48.088	28.804	0.2637	26.639	0
"2012-11-13	20:00:00"	5.0741	137.2	45.285	32.499	0.04854	26.645	0
"2012-11-13	21:00:00"	5.3109	141.35	43.455	35.55	0.0708	26.66	0
"2012-11-13	22:00:00"	5.8757	147.11	41.619	38.951	0.08967	26.677	0
"2012-11-13	23:00:00"	5.5265	150.17	39.109	42.468	0.0744	26.683	0
"2012-11-14	00:00:00"	4.5876	146.44	38.234	44.595	0.06508	26.692	0
"2012-11-14	01:00:00"	3.8774	127.96	36.068	48.48	0.08267	26.692	0
"2012-11-14	02:00:00"	4.0756	91.425	35.219	52.419	0.06508	26.695	0
"2012-11-14	03:00:00"	4.6491	83.833	34.678	54.571	0.07886	26.701	0
"2012-11-14	04:00:00"	3.7208	77.865	34.999	54.725	0.05363	26.689	0
"2012-11-14	05:00:00"	4.2185	62.51	34.916	54.619	0.07801	26.692	0
"2012-11-14	06:00:00"	2.1767	13.886	35.048	55.329	0.08225	26.701	0
"2012-11-14	07:00:00"	3.0721	341.52	32.8	58.113	0.0761	26.716	0
"2012-11-14	08:00:00"	3.5772	355.49	30.257	63.005	34.499	26.731	0
"2012-11-14	09:00:00"	2.4917	342.15	38.519	51.449	197.49	26.751	0
"2012-11-14	10:00:00"	1.8529	34.628	48.706	35.956	396.72	26.757	0
"2012-11-14	11:00:00"	3.6506	96.213	53.828	27.846	562.35	26.751	0
"2012-11-14	12:00:00"	3.9376	106.37	57.506	24.048	671.09	26.728	0
"2012-11-14	13:00:00"	5.9291	125.51	59.677	20.526	714.26	26.695	0
"2012-11-14	14:00:00"	6.3566	130.3	61.349	19.234	685.58	26.669	0
"2012-11-14	15:00:00"	5.9291	142.96	62.336	18.616	590.57	26.648	0
"2012-11-14	16:00:00"	6.369	166.17	63.027	18.126	404.53	26.642	0
"2012-11-14	17:00:00"	6.0609	164.85	62.089	18.597	189.45	26.63	0
"2012-11-14	18:00:00"	5.4047	138.4	59.704	20.851	77.616	26.621	0
"2012-11-14	19:00:00"	5.5662	123.89	52.658	28.7	0.25883	26.624	0
"2012-11-14	20:00:00"	5.4886	141.47	48.609	35.001	0.08585	26.624	0
"2012-11-14	21:00:00"	5.7464	142.19	46.179	39.397	0.08416	26.627	0
"2012-11-14	22:00:00"	4.7342	147.55	43.245	44.302	0.0602	26.624	0
"2012-11-14	23:00:00"	4.3595	165.74	42.017	47.17	0.07059	26.624	0
"2012-11-15	00:00:00"	1.9878	243.16	40.943	49.335	0.07377	26.609	0
"2012-11-15	01:00:00"	1.7541	196.54	40.199	52.473	0.07568	26.595	0
"2012-11-15	02:00:00"	2.4109	211.88	40.859	54.077	0.07525	26.589	0
"2012-11-15	03:00:00"	2.0953	214.76	40.147	57.414	0.06593	26.586	0
"2012-11-15	04:00:00"	3.2523	235.34	39.701	61.475	0.06953	26.574	0
"2012-11-15	05:00:00"	2.3047	238.05	38.517	72.146	0.07843	26.571	0
"2012-11-15	06:00:00"	2.8043	277.16	37.859	81.681	0.05872	26.574	0
"2012-11-15	07:00:00"	1.3428	288.38	37.596	87.885	0.07123	26.58	0
"2012-11-15	08:00:00"	3.8339	43.588	34.547	90.1	23.055	26.601	0
"2012-11-15	09:00:00"	2.7838	359.94	37.497	83.3	166.8	26.615	0
"2012-11-15	10:00:00"	2.8564	266.74	46.862	67.088	361.66	26.633	0
"2012-11-15	11:00:00"	3.7344	256.57	52.344	51.123	540.46	26.639	0
"2012-11-15	12:00:00"	2.4948	274.95	58.835	38.077	646.99	26.615	0
"2012-11-15	13:00:00"	3.2224	298.79	64.411	28.073	697.71	26.592	0
"2012-11-15	14:00:00"	4.5136	276.79	68.369	20.314	661.63	26.577	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-15	15:00:00"	6.3734	337.75	70.412	16.356	576.01	26.568	0
"2012-11-15	16:00:00"	8.2953	337.86	71.788	13.137	423.53	26.58	0
"2012-11-15	17:00:00"	11.523	355.55	70.095	10.966	239.96	26.595	0
"2012-11-15	18:00:00"	9.1515	357.69	64.581	13.17	33.696	26.618	0
"2012-11-15	19:00:00"	9.6841	9.8366	58.802	17.384	0.05066	26.633	0
"2012-11-15	20:00:00"	9.8102	16.439	54.15	21.525	0.05405	26.651	0
"2012-11-15	21:00:00"	10.294	18.763	50.675	24.708	0.06487	26.663	0
"2012-11-15	22:00:00"	12.209	30.211	50.178	25.916	0.0814	26.672	0
"2012-11-15	23:00:00"	10.308	34.494	47.223	29.121	0.06868	26.68	0
"2012-11-16	00:00:00"	10.333	31.989	44.834	31.991	0.05914	26.689	0
"2012-11-16	01:00:00"	10.859	32.056	44.273	33.291	0.07144	26.692	0
"2012-11-16	02:00:00"	10.494	31.364	43.183	34.973	0.04324	26.689	0
"2012-11-16	03:00:00"	11.232	35.079	43.512	35.417	0.06868	26.695	0
"2012-11-16	04:00:00"	11.332	38.757	44.604	35.081	0.06826	26.692	0
"2012-11-16	05:00:00"	10.406	35.853	44.121	36.35	0.08755	26.695	0
"2012-11-16	06:00:00"	9.1006	36.738	43.424	38.085	0.06677	26.704	0
"2012-11-16	07:00:00"	9.0851	37.517	43.084	39.622	0.06465	26.719	0
"2012-11-16	08:00:00"	9.1099	46.034	43.184	40.95	31.155	26.719	0
"2012-11-16	09:00:00"	10.711	56.924	45.125	39.328	152.92	26.745	0
"2012-11-16	10:00:00"	10.351	65.026	48.97	39.149	336.96	26.763	0
"2012-11-16	11:00:00"	8.3817	59.769	52.764	40.525	515.93	26.757	0
"2012-11-16	12:00:00"	7.9846	88.348	56.899	41.695	625.73	26.731	0
"2012-11-16	13:00:00"	8.7669	132.99	60.617	43.232	672.38	26.698	0
"2012-11-16	14:00:00"	8.0691	139.53	62.592	41.265	650.66	26.674	0
"2012-11-16	15:00:00"	7.5242	138.25	63.565	40.098	451.88	26.666	0
"2012-11-16	16:00:00"	7.9163	134.42	63.263	40.045	246.2	26.654	0
"2012-11-16	17:00:00"	8.6134	131.28	63.442	39.429	207.68	26.657	0
"2012-11-16	18:00:00"	7.7013	133.11	61.093	42.511	24.502	26.654	0
"2012-11-16	19:00:00"	5.7514	139	58.265	49.369	0.06444	26.666	0
"2012-11-16	20:00:00"	4.5876	128.45	54.067	57.477	0.06253	26.674	0
"2012-11-16	21:00:00"	5.0412	109.34	51.56	61.57	0.0672	26.683	0
"2012-11-16	22:00:00"	5.4935	127.32	52.047	61.688	0.07292	26.689	0
"2012-11-16	23:00:00"	5.0008	135.28	49.558	67.808	0.05829	26.683	0
"2012-11-17	00:00:00"	4.9952	143.08	48.797	74.69	0.05808	26.68	0
"2012-11-17	01:00:00"	3.3013	123.97	48.932	76.546	0.06253	26.669	0
"2012-11-17	02:00:00"	4.3832	163.08	49.099	78.724	0.06974	26.666	0
"2012-11-17	03:00:00"	6.0553	197.25	50.592	79.135	0.0566	26.666	0
"2012-11-17	04:00:00"	6.1683	184.21	51.425	79.901	0.0602	26.642	0
"2012-11-17	05:00:00"	9.7804	162.65	51.491	79.13	0.06105	26.636	0
"2012-11-17	06:00:00"	9.904	170.36	50.977	79.238	0.05935	26.642	0
"2012-11-17	07:00:00"	11.143	174.28	50.19	77.787	0.0672	26.657	0
"2012-11-17	08:00:00"	9.3827	170.05	49.504	76.428	7.442	26.672	0
"2012-11-17	09:00:00"	7.9958	169.39	49.852	74.939	55.24	26.68	0
"2012-11-17	10:00:00"	8.4767	164.82	50.911	74.294	134.47	26.683	0
"2012-11-17	11:00:00"	7.2315	164.2	52.667	72.63	309.37	26.686	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-17	12:00:00"	6.5176	161.97	56.598	62.753	593.45	26.669	0
"2012-11-17	13:00:00"	7.2744	155.94	60.25	53.769	638.45	26.633	0
"2012-11-17	14:00:00"	7.0737	170.24	63.362	47.713	606.33	26.612	0
"2012-11-17	15:00:00"	7.8417	163.03	65.239	43.271	401.94	26.601	0
"2012-11-17	16:00:00"	8.5892	156.46	65.663	41.963	242.98	26.592	0
"2012-11-17	17:00:00"	9.2584	160.84	64.719	44.133	106.78	26.589	0
"2012-11-17	18:00:00"	9.4355	151.56	62.858	47.181	20.076	26.589	0
"2012-11-17	19:00:00"	7.6267	160.29	61.016	50.803	0.08288	26.604	0
"2012-11-17	20:00:00"	6.9047	170.66	58.873	54.382	0.07229	26.609	0
"2012-11-17	21:00:00"	4.454	142.81	56.104	58.581	0.05702	26.592	0
"2012-11-17	22:00:00"	5.9875	137.43	55.738	59.043	0.05427	26.589	0
"2012-11-17	23:00:00"	6.3597	172.93	55.851	58.689	0.06232	26.586	0
"2012-11-18	00:00:00"	6.9649	178.77	55.504	59.892	0.04642	26.574	0
"2012-11-18	01:00:00"	5.1735	175.41	53.598	63.959	0.07589	26.556	0
"2012-11-18	02:00:00"	5.4134	179.44	52.191	68.023	0.06381	26.539	0
"2012-11-18	03:00:00"	7.183	189.04	52.377	69.384	0.05448	26.539	0
"2012-11-18	04:00:00"	6.082	197.57	50.991	71.933	0.07101	26.53	0
"2012-11-18	05:00:00"	4.0501	221	50	72.024	0.06169	26.53	0
"2012-11-18	06:00:00"	2.2164	186.9	48.993	74.09	0.08416	26.53	0
"2012-11-18	07:00:00"	2.8981	168.37	48.816	74.34	0.06211	26.533	0
"2012-11-18	08:00:00"	2.1941	137.36	49.386	73.83	4.5919	26.55	0
"2012-11-18	09:00:00"	3.0516	189.9	50.275	73.351	33.341	26.559	0
"2012-11-18	10:00:00"	7.3055	204.24	52.39	71.602	85.473	26.58	0
"2012-11-18	11:00:00"	7.0544	213.7	52.558	77.011	66.042	26.604	0
"2012-11-18	12:00:00"	5.2301	259.43	51.573	85.498	86.67	26.577	0
"2012-11-18	13:00:00"	4.4614	246.82	53.207	88.792	138.52	26.568	0
"2012-11-18	14:00:00"	5.0281	329.24	54.463	89.438	85.114	26.553	0
"2012-11-18	15:00:00"	6.2758	296.96	55.887	90.039	61.612	26.559	0
"2012-11-18	16:00:00"	4.8771	224.22	56.679	89.251	136.75	26.547	0
"2012-11-18	17:00:00"	5.1884	213.52	57.253	89.394	66.467	26.556	0
"2012-11-18	18:00:00"	4.6634	186.97	56.392	91.324	19.999	26.562	0
"2012-11-18	19:00:00"	3.9395	152.34	55.156	91.737	0.06614	26.565	0
"2012-11-18	20:00:00"	4.4726	184.82	55.116	89.062	0.06847	26.58	0
"2012-11-18	21:00:00"	4.1153	195.64	54.034	88.185	0.04812	26.589	0
"2012-11-18	22:00:00"	4.6901	191.4	52.659	86.906	0.06762	26.598	0
"2012-11-18	23:00:00"	4.3142	206.27	50.88	88.049	0.06147	26.598	0
"2012-11-19	00:00:00"	3.576	226.7	49.014	89.947	0.09136	26.592	0
"2012-11-19	01:00:00"	3.7613	241.66	48.23	91.894	0.06553	26.577	0
"2012-11-19	02:00:00"	3.9575	258.84	47.951	92.418	0.0672	26.562	0
"2012-11-19	03:00:00"	3.2703	263.78	47.524	93.229	0.05808	26.574	0
"2012-11-19	04:00:00"	3.9233	271.9	47.271	93.557	0.05617	26.574	0
"2012-11-19	05:00:00"	3.988	273.81	47.492	93.045	0.0655	26.574	0
"2012-11-19	06:00:00"	1.9884	225.75	45.881	93.078	0.07483	26.577	0
"2012-11-19	07:00:00"	2.0157	264.89	46.035	93.784	0.06423	26.586	0
"2012-11-19	08:00:00"	2.3842	271.93	43.772	93.579	7.7108	26.604	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-19	09:00:00"	1.8964	268.6	43.828	94.115	126.33	26.627	0
"2012-11-19	10:00:00"	4.4409	264.3	51.171	91.006	376.14	26.645	0
"2012-11-19	11:00:00"	7.3011	285.53	59.358	70.568	500.26	26.651	0
"2012-11-19	12:00:00"	7.9498	308.62	64.811	52.013	527.34	26.639	0
"2012-11-19	13:00:00"	8.9098	312.25	67.472	40.206	466.55	26.618	0
"2012-11-19	14:00:00"	7.7417	308.16	68.595	32.389	424.83	26.598	0
"2012-11-19	15:00:00"	6.7021	303.1	69.797	29.026	449.59	26.586	0
"2012-11-19	16:00:00"	6.9202	274.91	69.462	27.807	257.22	26.589	0
"2012-11-19	17:00:00"	7.5851	270.88	69.592	27.474	240.96	26.595	0
"2012-11-19	18:00:00"	4.9355	282.38	66.724	31.839	59.134	26.607	0
"2012-11-19	19:00:00"	2.0853	287.01	61.128	39.762	0.07864	26.615	0
"2012-11-19	20:00:00"	1.7989	264.56	57.584	46.065	0.07292	26.615	0
"2012-11-19	21:00:00"	1.449	251.17	53.837	54.965	0.0655	26.618	0
"2012-11-19	22:00:00"	2.2848	289.49	54.425	52.983	0.05999	26.627	0
"2012-11-19	23:00:00"	2.4084	293.04	54.683	50.576	0.08055	26.63	0
"2012-11-20	00:00:00"	4.636	337.13	51.311	59.165	0.05829	26.633	0
"2012-11-20	01:00:00"	4.0265	328.52	48.839	64.769	0.05893	26.636	0
"2012-11-20	02:00:00"	7.4179	324.66	51.434	57.238	0.06444	26.636	0
"2012-11-20	03:00:00"	7.5155	327.81	51.216	56.912	0.09158	26.63	0
"2012-11-20	04:00:00"	6.9674	338.44	50.385	56.789	0.06381	26.624	0
"2012-11-20	05:00:00"	7.2172	346.03	48.78	53.541	0.05554	26.624	0
"2012-11-20	06:00:00"	7.8982	342.64	47.988	51.038	0.05448	26.633	0
"2012-11-20	07:00:00"	6.3659	343.11	45.153	55.958	0.05575	26.642	0
"2012-11-20	08:00:00"	8.1884	357.38	44.743	53.655	18.609	26.66	0
"2012-11-20	09:00:00"	8.5165	9.3143	48.157	45.216	157.04	26.686	0
"2012-11-20	10:00:00"	8.1729	7.6963	54.056	36.69	319.06	26.698	0
"2012-11-20	11:00:00"	5.6408	20.518	61.759	28.172	539.98	26.698	0
"2012-11-20	12:00:00"	3.6878	35.599	66.841	21.944	657.13	26.686	0
"2012-11-20	13:00:00"	2.8608	43.036	69.682	16.426	689.16	26.66	0
"2012-11-20	14:00:00"	4.1557	258.38	70.938	15.493	634.26	26.636	0
"2012-11-20	15:00:00"	4.4329	344.05	71.036	15.555	517.52	26.621	0
"2012-11-20	16:00:00"	4.0165	274.39	71.364	15.429	374.3	26.615	0
"2012-11-20	17:00:00"	2.2245	1.6546	71.246	15.105	212.76	26.618	0
"2012-11-20	18:00:00"	1.5721	357.54	68.683	17.584	46.24	26.624	0
"2012-11-20	19:00:00"	5.5004	21.545	61.258	25.154	0.06847	26.627	0
"2012-11-20	20:00:00"	6.274	44.002	56.193	30.534	0.06147	26.639	0
"2012-11-20	21:00:00"	6.1541	63.851	53.874	33.622	0.06699	26.645	0
"2012-11-20	22:00:00"	6.384	100.43	53.228	37.571	0.08946	26.651	0
"2012-11-20	23:00:00"	5.7048	98.208	53.354	36.983	0.06805	26.645	0
"2012-11-21	00:00:00"	5.8993	99.321	52.877	36.345	0.07907	26.642	0
"2012-11-21	01:00:00"	5.601	122.27	52.658	35.804	0.07758	26.639	0
"2012-11-21	02:00:00"	5.8123	106.15	51.454	39.487	0.08098	26.636	0
"2012-11-21	03:00:00"	5.8291	102.86	52.039	40.139	0.05978	26.627	0
"2012-11-21	04:00:00"	6.1715	105.43	52.536	40.917	0.05278	26.624	0
"2012-11-21	05:00:00"	5.5812	109.7	52.356	42.508	0.07059	26.618	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-21	06:00:00"	5.2941	99.348	51.684	45.5	0.07886	26.621	0
"2012-11-21	07:00:00"	4.2048	93.685	51.1	52.138	0.05702	26.624	0
"2012-11-21	08:00:00"	4.8827	114.73	52.111	65.166	8.2547	26.627	0
"2012-11-21	09:00:00"	6.2553	145.44	55.97	74.684	120.18	26.642	0
"2012-11-21	10:00:00"	11.256	172.84	61.356	68.072	223.67	26.648	0
"2012-11-21	11:00:00"	15.499	189.43	65.605	54.407	454.3	26.648	0
"2012-11-21	12:00:00"	15.258	190.46	69.184	43.373	526.9	26.624	0
"2012-11-21	13:00:00"	14.869	186.93	70.115	39.38	466.23	26.589	0
"2012-11-21	14:00:00"	14.441	172.41	72.016	33.224	435.56	26.556	0
"2012-11-21	15:00:00"	14.167	179.22	73.178	32.329	439.88	26.545	0
"2012-11-21	16:00:00"	13.733	187.03	73.061	33.804	292.19	26.536	0
"2012-11-21	17:00:00"	13.126	190.41	71.757	37.109	159.52	26.536	0
"2012-11-21	18:00:00"	9.3908	177.37	68.05	45.718	22.09	26.539	0
"2012-11-21	19:00:00"	5.9689	158.78	63.656	54.393	0.07229	26.536	0
"2012-11-21	20:00:00"	6.6971	157.75	62.563	56.809	0.06614	26.527	0
"2012-11-21	21:00:00"	6.1876	157.07	61.461	59.585	0.06741	26.536	0
"2012-11-21	22:00:00"	9.4324	170.16	61.827	64.368	0.05427	26.536	0
"2012-11-21	23:00:00"	10.136	177.99	59.85	71.388	0.06126	26.539	0
"2012-11-22	00:00:00"	7.9411	189.37	58.216	75.204	0.0814	26.521	0
"2012-11-22	01:00:00"	7.3247	187.66	56.628	78.435	0.07059	26.503	0
"2012-11-22	02:00:00"	4.029	203.04	55.205	80.731	0.06296	26.485	0
"2012-11-22	03:00:00"	3.4424	195.89	53.367	83.786	0.06317	26.48	0
"2012-11-22	04:00:00"	6.4828	194.18	52.719	84.529	0.06381	26.477	0
"2012-11-22	05:00:00"	3.6841	239.65	51.354	86.244	0.07334	26.477	0
"2012-11-22	06:00:00"	2.5532	232.93	51.097	86.848	0.04494	26.477	0
"2012-11-22	07:00:00"	3.2566	216.06	49.554	87.694	0.06805	26.485	0
"2012-11-22	08:00:00"	4.1327	216.29	48.27	88.757	5.1471	26.497	0
"2012-11-22	09:00:00"	4.5857	227.6	50.733	86.402	151.62	26.521	0
"2012-11-22	10:00:00"	8.3935	221.66	57.509	70.451	333.46	26.527	0
"2012-11-22	11:00:00"	9.1391	231.65	62.515	57.503	490.39	26.53	0
"2012-11-22	12:00:00"	9.7798	251.85	67.922	45.438	607.59	26.515	0
"2012-11-22	13:00:00"	8.8589	271.52	72.024	36.304	654.38	26.497	0
"2012-11-22	14:00:00"	9.0969	278.95	75.204	26.911	633.68	26.477	0
"2012-11-22	15:00:00"	9.0888	277.31	76.121	23.35	547.25	26.471	0
"2012-11-22	16:00:00"	9.0192	272.04	76.844	19.352	403.2	26.474	0
"2012-11-22	17:00:00"	8.0051	291.49	76.452	15.078	224.8	26.485	0
"2012-11-22	18:00:00"	2.6576	284.13	73.791	17.185	53.211	26.494	0
"2012-11-22	19:00:00"	2.401	343.32	67.699	22.177	0.08394	26.515	0
"2012-11-22	20:00:00"	2.0518	10.41	65.199	24.113	0.07186	26.536	0
"2012-11-22	21:00:00"	3.0478	10.507	63.417	24.402	0.07377	26.559	0
"2012-11-22	22:00:00"	8.9372	17.872	58.488	30.033	0.05723	26.583	0
"2012-11-22	23:00:00"	11.943	37.021	56.227	29.308	0.06381	26.609	0
"2012-11-23	00:00:00"	13.335	43.637	54.336	32.582	0.07568	26.633	0
"2012-11-23	01:00:00"	13.117	42.25	51.587	37.322	0.0797	0	0
"2012-11-23	02:00:00"	15.098	42.692	50.015	41.121	0.07758	26.674	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-23	03:00:00"	16.251	42.358	48.655	44.569	0.06105	26.707	0
"2012-11-23	04:00:00"	17.036	42.114	46.896	48.461	0.06911	26.731	0
"2012-11-23	05:00:00"	16.704	41.617	45.191	49.59	0.07334	26.76	0
"2012-11-23	06:00:00"	15.531	35.423	43.775	43.962	0.07207	26.787	0
"2012-11-23	07:00:00"	16.619	35.605	42.344	40.024	0.06847	26.804	0
"2012-11-23	08:00:00"	17.319	32.298	41.444	40.356	20.924	26.834	0
"2012-11-23	09:00:00"	19.693	35.194	43.179	39.152	165.29	26.86	0
"2012-11-23	10:00:00"	20.741	41.247	46.187	34.591	348.04	26.902	0
"2012-11-23	11:00:00"	18.385	54.677	49.246	27.511	507.47	26.914	0
"2012-11-23	12:00:00"	17.166	55.599	51.531	23	619.95	26.905	0
"2012-11-23	13:00:00"	14.761	57.419	54.048	18.894	663.5	26.881	0
"2012-11-23	14:00:00"	12.859	66.442	55.615	16.981	637.21	26.86	0
"2012-11-23	15:00:00"	12.624	67.326	56.654	16.17	547.65	26.849	0
"2012-11-23	16:00:00"	11.259	71.318	56.926	16.499	400.91	26.834	0
"2012-11-23	17:00:00"	9.7418	71.082	56.183	17.621	218.6	26.831	0
"2012-11-23	18:00:00"	7.0277	68.596	53.207	20.235	48.739	26.831	0
"2012-11-23	19:00:00"	5.3394	55.387	46.671	26.424	0.11616	26.834	0
"2012-11-23	20:00:00"	4.5217	61.711	43.039	31.046	0.05935	26.84	0
"2012-11-23	21:00:00"	5.1891	58.976	40.97	33.943	0.07737	26.849	0
"2012-11-23	22:00:00"	5.5308	42.041	38.939	37.589	0.07101	26.849	0
"2012-11-23	23:00:00"	5.4848	48.568	38.022	39.341	0.08458	26.834	0
"2012-11-24	00:00:00"	5.5022	70.061	39.03	37.298	0.07631	26.828	0
"2012-11-24	01:00:00"	5.7483	69.506	38.327	38.794	0.08331	26.816	0
"2012-11-24	02:00:00"	5.273	86.685	37.75	39.879	0.07356	26.804	0
"2012-11-24	03:00:00"	4.9268	108.43	37.053	41.909	0.07186	26.79	0
"2012-11-24	04:00:00"	4.3303	150.36	36.767	42.369	0.07123	26.784	0
"2012-11-24	05:00:00"	0.95008	251.3	34.132	46.673	0.05003	26.763	0
"2012-11-24	06:00:00"	0.88048	185.97	34.531	45.589	0.08373	26.766	0
"2012-11-24	07:00:00"	0.63628	204.97	34.245	45.867	0.08331	26.763	0
"2012-11-24	08:00:00"	2.3966	216.75	34.059	46.49	19.526	26.745	0
"2012-11-24	09:00:00"	7.3626	191.92	39.325	40.848	161.5	26.748	0
"2012-11-24	10:00:00"	11.326	200.96	46.059	32.594	343.57	26.742	0
"2012-11-24	11:00:00"	12.913	209.09	50.344	29.09	503.13	26.731	0
"2012-11-24	12:00:00"	14.005	205.67	54.178	28.007	620.66	26.683	0
"2012-11-24	13:00:00"	14.293	213.86	57.234	26.861	665.86	26.633	0
"2012-11-24	14:00:00"	13.904	214.08	59.71	27.035	641.38	26.592	0
"2012-11-24	15:00:00"	12.305	221.61	61.908	27.42	551.35	26.556	0
"2012-11-24	16:00:00"	12.392	219.66	63.725	26.943	404.87	26.536	0
"2012-11-24	17:00:00"	11.469	216.84	64.062	27.689	220.77	26.521	0
"2012-11-24	18:00:00"	7.8808	200.94	60.849	31.254	51.288	26.503	0
"2012-11-24	19:00:00"	6.2417	190.76	53.889	39.836	0.10196	26.5	0
"2012-11-24	20:00:00"	6.9948	192.94	50.557	45.691	0.0477	26.497	0
"2012-11-24	21:00:00"	4.4111	218.92	48.231	50.601	0.06296	26.491	0
"2012-11-24	22:00:00"	5.0238	224.55	46.445	56.549	0.06359	26.485	0
"2012-11-24	23:00:00"	4.9567	226.21	44.134	61.677	0.06275	26.474	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-25	00:00:00"	5.5762	224.83	43.484	63.4	0.06995	26.468	0
"2012-11-25	01:00:00"	5.3096	217.44	43.269	63.866	0.07207	26.447	0
"2012-11-25	02:00:00"	4.2172	225.22	41.077	68.853	0.06147	26.435	0
"2012-11-25	03:00:00"	4.9094	251.41	40.085	70.818	0.07038	26.423	0
"2012-11-25	04:00:00"	4.733	265.1	39.189	72.785	0.06995	26.42	0
"2012-11-25	05:00:00"	3.3678	234.74	37.571	76.639	0.08204	26.406	0
"2012-11-25	06:00:00"	3.1485	239.1	36.801	77.999	0.06147	26.406	0
"2012-11-25	07:00:00"	3.2603	267.08	37.044	77.958	0.06932	26.409	0
"2012-11-25	08:00:00"	3.8339	252	36.534	78.946	19.208	26.415	0
"2012-11-25	09:00:00"	4.3515	242.92	40.678	74.652	158.78	26.426	0
"2012-11-25	10:00:00"	6.5859	240.62	51.449	55.152	340.37	26.435	0
"2012-11-25	11:00:00"	7.6864	237.22	57.506	44.943	499.83	26.429	0
"2012-11-25	12:00:00"	9.5045	251.2	65.84	33.541	618.37	26.409	0
"2012-11-25	13:00:00"	11.326	263.71	70.372	25.042	664.07	26.376	0
"2012-11-25	14:00:00"	11.519	265.24	72.809	20.544	640.9	26.353	0
"2012-11-25	15:00:00"	11.443	268.18	74.39	18.275	550.43	26.338	0
"2012-11-25	16:00:00"	10.34	266.16	75.094	16.968	403.07	26.329	0
"2012-11-25	17:00:00"	7.631	265.12	74.973	15.626	221.54	26.329	0
"2012-11-25	18:00:00"	4.3508	278.68	71.772	16.718	50.397	26.326	0
"2012-11-25	19:00:00"	1.8517	313.57	66.501	19.876	0.07928	26.335	0
"2012-11-25	20:00:00"	2.6054	251.71	61.025	24.564	0.0744	26.347	0
"2012-11-25	21:00:00"	2.1002	225.86	57.897	29.447	0.09052	26.35	0
"2012-11-25	22:00:00"	3.6319	248.07	56.414	33.809	0.07229	26.361	0
"2012-11-25	23:00:00"	4.4478	262.72	54.947	35.876	0.06275	26.361	0
"2012-11-26	00:00:00"	6.0894	294.49	55.428	34.366	0.06889	26.361	0
"2012-11-26	01:00:00"	6.4865	304.58	54.789	34.09	0.09158	26.361	0
"2012-11-26	02:00:00"	6.059	300.19	54.427	34.367	0.05808	26.358	0
"2012-11-26	03:00:00"	3.3442	264.66	48.303	43.155	0.05596	26.367	0
"2012-11-26	04:00:00"	2.8596	225.45	44.095	51.338	0.07568	26.376	0
"2012-11-26	05:00:00"	3.7922	263.84	44.555	51.343	0.0831	26.385	0
"2012-11-26	06:00:00"	2.8596	259.02	43.117	53.889	0.06529	26.403	0
"2012-11-26	07:00:00"	4.6677	291.69	48.098	45.904	0.06656	26.418	0
"2012-11-26	08:00:00"	8.8552	306.74	50.676	40.568	17.112	26.441	0
"2012-11-26	09:00:00"	9.0434	317.36	54.184	34.207	155.1	26.468	0
"2012-11-26	10:00:00"	10.547	325.13	61.786	24.963	349.77	26.488	0
"2012-11-26	11:00:00"	12.759	325.39	66.655	21.443	421.01	26.5	0
"2012-11-26	12:00:00"	10.499	328.69	70.431	17.165	386.98	26.494	0
"2012-11-26	13:00:00"	14.054	12.998	70.262	15.534	368.47	26.494	0
"2012-11-26	14:00:00"	15.114	39.141	67.081	15.719	316.38	26.491	0
"2012-11-26	15:00:00"	16.32	46.614	64.736	18.176	395.26	26.503	0
"2012-11-26	16:00:00"	17.557	47.016	61.868	26.065	210.73	26.53	0
"2012-11-26	17:00:00"	18.119	55.203	61.123	28.274	209.76	26.559	0
"2012-11-26	18:00:00"	16.44	55.527	57.358	32.245	40.797	26.586	0
"2012-11-26	19:00:00"	15.16	55.78	52.848	38.057	0.10345	26.618	0
"2012-11-26	20:00:00"	16.104	52.454	49.206	42.662	0.0708	26.639	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-26	21:00:00"	15.895	56.766	46.105	45.003	0.06211	26.68	0
"2012-11-26	22:00:00"	15.509	51.427	43.487	48.621	0.08055	26.719	0
"2012-11-26	23:00:00"	10.066	39.143	40.824	53.661	0.07674	26.769	0
"2012-11-27	00:00:00"	9.4653	27.327	37.5	59.876	0.0655	26.769	0
"2012-11-27	01:00:00"	12.743	27.227	36.83	59.494	0.085	26.766	0
"2012-11-27	02:00:00"	10.348	28.08	34.98	60.659	0.06317	26.784	0
"2012-11-27	03:00:00"	7.4024	20.275	32.885	62.991	0.06932	26.787	0
"2012-11-27	04:00:00"	7.38	13.085	30.847	66.997	0.08797	26.793	0
"2012-11-27	05:00:00"	6.256	21.557	29.24	70.838	0.07716	26.787	0
"2012-11-27	06:00:00"	6.0323	15.373	28.107	72.877	0.0884	26.787	0
"2012-11-27	07:00:00"	7.4608	17.278	27.613	73.481	0.07907	26.798	0
"2012-11-27	08:00:00"	4.9834	358.29	27.151	73.312	13.163	26.807	0
"2012-11-27	09:00:00"	4.0588	351.49	30.149	65.758	143.75	26.816	0
"2012-11-27	10:00:00"	1.8865	358.69	36.417	49.919	324.96	26.822	0
"2012-11-27	11:00:00"	4.0215	256.57	40.815	42.374	484.4	26.813	0
"2012-11-27	12:00:00"	6.4859	240.16	43.928	39.385	593.12	26.79	0
"2012-11-27	13:00:00"	6.5287	242.57	47.811	35.564	639.33	26.754	0
"2012-11-27	14:00:00"	6.4511	215.69	51.65	31.926	618.98	26.722	0
"2012-11-27	15:00:00"	6.2311	199.57	54.391	29.22	539.3	26.701	0
"2012-11-27	16:00:00"	8.1157	196.12	56.103	27.625	397.9	26.692	0
"2012-11-27	17:00:00"	8.6433	204.62	55.582	28.565	215.66	26.689	0
"2012-11-27	18:00:00"	6.6822	203.14	52.954	31.76	47.698	26.686	0
"2012-11-27	19:00:00"	5.0312	196.83	46.605	39.142	0.09921	26.683	0
"2012-11-27	20:00:00"	5.3146	196.68	43.644	43.57	0.05702	26.686	0
"2012-11-27	21:00:00"	4.1694	205.33	40.54	48.404	0.07886	26.689	0
"2012-11-27	22:00:00"	3.8761	214.1	39.522	50.806	0.07631	26.689	0
"2012-11-27	23:00:00"	3.2858	237.51	38.421	52.572	0.07949	26.686	0
"2012-11-28	00:00:00"	2.8751	230.43	37.33	54.104	0.07165	26.68	0
"2012-11-28	01:00:00"	3.4349	261.36	37.575	54.533	0.07207	26.68	0
"2012-11-28	02:00:00"	4.4969	263.75	38.578	52.766	0.06868	26.68	0
"2012-11-28	03:00:00"	4.2228	264.87	37.799	53.986	0.09221	26.689	0
"2012-11-28	04:00:00"	4.3881	278.38	39.001	51.647	0.10005	26.689	0
"2012-11-28	05:00:00"	3.901	286.28	39.133	51.896	0.0797	26.683	0
"2012-11-28	06:00:00"	3.5455	270.97	38.722	52.731	0.07568	26.68	0
"2012-11-28	07:00:00"	3.3436	282.71	36.825	56.683	0.09221	26.689	0
"2012-11-28	08:00:00"	3.1168	263.76	35.991	58.688	16.361	26.701	0
"2012-11-28	09:00:00"	2.7067	248.32	39.226	55.054	153.32	26.707	0
"2012-11-28	10:00:00"	4.5876	246.67	48.632	43.222	334.02	26.719	0
"2012-11-28	11:00:00"	5.8173	238.13	56.284	33.918	495.54	26.719	0
"2012-11-28	12:00:00"	6.5853	212.03	63.331	27.329	609.59	26.701	0
"2012-11-28	13:00:00"	11.057	212.09	66.797	28.851	649.5	26.672	0
"2012-11-28	14:00:00"	11.881	214.1	68.963	28.179	627.61	26.642	0
"2012-11-28	15:00:00"	10.126	211.5	69.429	25.912	408.9	26.624	0
"2012-11-28	16:00:00"	10.481	199.49	70.995	22.906	427.32	26.612	0
"2012-11-28	17:00:00"	9.6648	191.63	70.566	22.594	251.51	26.598	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-28	18:00:00"	6.4573	176.96	66.146	24.798	37.668	26.601	0
"2012-11-28	19:00:00"	4.5497	143.7	59.194	30.947	0.07017	26.598	0
"2012-11-28	20:00:00"	6.2858	136.31	56.967	34.288	0.05278	26.601	0
"2012-11-28	21:00:00"	6.7984	157.51	54.063	40.417	0.05533	26.607	0
"2012-11-28	22:00:00"	3.9786	171.67	48.872	50.678	0.0797	26.609	0
"2012-11-28	23:00:00"	5.4271	183.81	48.223	60.966	0.07101	26.607	0
"2012-11-29	00:00:00"	5.3512	189.53	47.292	66.907	0.06889	26.592	0
"2012-11-29	00:00:00"	5.145	201	45.86	70.6	0	26.595	0
"2012-11-29	01:00:00"	5.2524	211.61	46.481	70.791	0.0797	26.589	0
"2012-11-29	02:00:00"	3.9296	233.64	43.963	75.393	0.05469	26.583	0
"2012-11-29	03:00:00"	4.2856	239.1	42.726	77.808	0.07271	26.58	0
"2012-11-29	04:00:00"	4.4111	259.14	42.479	79.587	0.0956	26.574	0
"2012-11-29	05:00:00"	3.9289	221.38	41.414	80.788	0.09052	26.556	0
"2012-11-29	06:00:00"	3.901	240.98	41.115	82.759	0.08267	26.556	0
"2012-11-29	07:00:00"	4.3757	245.56	40.538	83.937	0.08543	26.556	0
"2012-11-29	08:00:00"	4.075	238.86	39.917	86.263	12.676	26.556	0
"2012-11-29	09:00:00"	5.3314	243.58	42.039	82.622	138.07	26.568	0
"2012-11-29	10:00:00"	8.6296	227.05	48.495	68.388	312.77	26.583	0
"2012-11-29	11:00:00"	8.2207	243.49	54.851	55.099	468.22	26.583	0
"2012-11-29	12:00:00"	7.2309	248.97	62.358	41.962	579	26.571	0
"2012-11-29	13:00:00"	9.3815	264.83	69.342	30.687	636.67	26.542	0
"2012-11-29	14:00:00"	9.8574	260.17	72.696	24.201	618.81	26.512	0
"2012-11-29	15:00:00"	10.253	237.19	73.858	21.513	533.41	26.494	0
"2012-11-29	16:00:00"	11.466	243.83	74.056	20.235	391.12	26.491	0
"2012-11-29	17:00:00"	10.62	249.16	73.226	19.759	213.42	26.491	0
"2012-11-29	18:00:00"	4.0675	238.62	69.587	21.633	48.216	26.491	0
"2012-11-29	19:00:00"	2.0232	280.27	63.2	26.892	0.06444	26.5	0
"2012-11-29	20:00:00"	2.6321	235.18	59.653	31.465	0.06402	26.509	0
"2012-11-29	21:00:00"	1.4807	173.71	55.144	35.678	0.06741	26.518	0
"2012-11-29	22:00:00"	1.0762	92.751	54.027	37.417	0.05681	26.524	0
"2012-11-29	23:00:00"	3.348	185.89	52.044	42.872	0.0549	26.527	0
"2012-11-30	00:00:00"	3.6941	246.72	49.787	54.012	0.08818	26.527	0
"2012-11-30	01:00:00"	3.8556	257.17	47.994	59.958	0.06953	26.524	0
"2012-11-30	02:00:00"	5.1418	260.46	46.238	66.046	0.0602	26.518	0
"2012-11-30	03:00:00"	3.5716	252.68	43.494	74.011	0.06783	26.521	0
"2012-11-30	04:00:00"	4.3639	269.47	43.111	76.834	0.05914	26.521	0
"2012-11-30	05:00:00"	4.0526	257.8	41.687	83.483	0.07017	26.518	0
"2012-11-30	06:00:00"	2.9869	263.52	41.615	85.744	0.06529	26.521	0
"2012-11-30	07:00:00"	4.0743	278.69	41.808	86.67	0.09433	26.53	0
"2012-11-30	08:00:00"	3.046	255.23	42.276	83.67	13.724	26.542	0
"2012-11-30	09:00:00"	3.2871	234.03	43.465	79.543	144.32	26.553	0
"2012-11-30	10:00:00"	5.0636	237.67	51.972	50.938	322.14	26.562	0
"2012-11-30	11:00:00"	5.9913	253.54	61.342	32.998	484.39	26.562	0
"2012-11-30	12:00:00"	6.7642	247.32	67.577	24.753	604.11	26.545	0
"2012-11-30	13:00:00"	7.7125	261.76	71.394	20.561	649.97	26.518	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-11-30	14:00:00"	8.3655	249.32	73.684	18.553	629.14	26.488	0
"2012-11-30	15:00:00"	8.2518	242.63	75.178	17.385	542.03	26.471	0
"2012-11-30	16:00:00"	8.7992	228.33	75.93	16.764	402.84	26.465	0
"2012-11-30	17:00:00"	8.3326	212.32	75.004	17.058	192.55	26.465	0
"2012-11-30	18:00:00"	5.4836	194.57	71.173	18.301	55.549	26.462	0
"2012-11-30	19:00:00"	4.4434	186.09	63.201	23.831	0.08098	26.462	0
"2012-11-30	20:00:00"	5.263	225.08	59.76	26.811	0.0672	26.465	0
"2012-11-30	21:00:00"	4.9455	268.92	56.163	29.205	0.06359	26.468	0
"2012-11-30	22:00:00"	2.9024	258.87	53.475	32.58	0.06741	26.477	0
"2012-11-30	23:00:00"	3.5654	233.64	52.368	34.504	0.06699	26.483	0
"2012-12-01	00:00:00"	4.5515	187.98	47.688	40.214	0.05935	26.483	0
"2012-12-01	01:00:00"	3.3969	199.97	48.019	45.501	0.07822	26.48	0
"2012-12-01	02:00:00"	2.4066	215.46	45.717	55.427	0.06381	26.474	0
"2012-12-01	03:00:00"	2.7527	258.26	45.809	56.847	0.06571	26.468	0
"2012-12-01	04:00:00"	3.2802	265.16	43.685	63.389	0.06147	26.459	0
"2012-12-01	05:00:00"	1.7032	222.81	40.844	65.246	0.07017	26.459	0
"2012-12-01	06:00:00"	3.5039	286.27	42.704	53.988	0.07504	26.462	0
"2012-12-01	07:00:00"	3.1348	256.7	41.629	52.359	0.07716	26.477	0
"2012-12-01	08:00:00"	1.9567	259.98	41.67	51.751	17.407	26.494	0
"2012-12-01	09:00:00"	1.5982	191.11	47.163	44.667	141.28	26.503	0
"2012-12-01	10:00:00"	4.8187	246.2	56.296	32.159	328.83	26.518	0
"2012-12-01	11:00:00"	7.2265	236.24	62.634	24.886	500.09	26.524	0
"2012-12-01	12:00:00"	6.942	237.25	67.607	21.258	592.79	26.506	0
"2012-12-01	13:00:00"	10.501	258.38	73.896	15.486	600.35	26.483	0
"2012-12-01	14:00:00"	12.267	263.09	76.825	14.415	591.62	26.465	0
"2012-12-01	15:00:00"	13.75	288.74	77.874	13.111	476.46	26.45	0
"2012-12-01	16:00:00"	9.7481	243.1	78.595	11.909	399.33	26.45	0
"2012-12-01	17:00:00"	9.3609	265.87	77.999	11.662	221.45	26.45	0
"2012-12-01	18:00:00"	3.8587	305.61	73.585	14.143	48.35	26.444	0
"2012-12-01	19:00:00"	1.9524	110.37	66.762	17.394	0.05745	26.45	0
"2012-12-01	20:00:00"	2.3625	308.6	62.374	20.432	0.05236	26.471	0
"2012-12-01	21:00:00"	2.9776	288.32	60.391	22.591	0.06402	26.477	0
"2012-12-01	22:00:00"	3.8183	301.72	59.425	23.791	0.06487	26.485	0
"2012-12-01	23:00:00"	3.192	339.15	57.103	25.909	0.06338	26.5	0
"2012-12-02	00:00:00"	5.0778	89.12	51.507	31.171	0.04982	26.506	0
"2012-12-02	00:00:00"	2.908	139	49.64	34.8	0	26.506	0
"2012-12-02	01:00:00"	3.8525	160.92	49.916	56.349	0.08076	26.497	0
"2012-12-02	02:00:00"	3.3759	173.52	48.58	77.568	0.08119	26.5	0
"2012-12-02	03:00:00"	2.5302	297.49	48.021	83.51	0.08267	26.503	0
"2012-12-02	04:00:00"	2.1437	265.49	46.399	88.738	0.08585	26.494	0
"2012-12-02	05:00:00"	3.1429	301.17	46.104	86.736	0.05745	26.494	0
"2012-12-02	06:00:00"	3.0447	11.905	43.393	89.437	0.08564	26.5	0
"2012-12-02	07:00:00"	3.018	356.79	40.459	93.119	0.08119	26.518	0
"2012-12-02	08:00:00"	4.7348	341.33	39.001	75.76	17.606	26.527	0
"2012-12-02	09:00:00"	4.4484	351.29	44.645	48.499	143.49	26.539	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-02	10:00:00"	2.8571	306.44	59.949	22.928	342.18	26.55	0
"2012-12-02	11:00:00"	2.058	332.76	68.966	15.295	478.8	26.545	0
"2012-12-02	12:00:00"	4.3011	274.19	73.519	12.93	606.51	26.53	0
"2012-12-02	13:00:00"	7.8516	212.59	73.838	14.198	656.71	26.503	0
"2012-12-02	14:00:00"	9.1	200.32	75.453	12.694	614.92	26.48	0
"2012-12-02	15:00:00"	11.067	199.93	75.659	12.813	493.7	26.456	0
"2012-12-02	16:00:00"	11.616	199.48	75.599	15.183	349.36	26.447	0
"2012-12-02	17:00:00"	10.791	208.04	76.123	14.303	203.89	26.444	0
"2012-12-02	18:00:00"	6.8674	203.75	72.234	15.827	54.059	26.435	0
"2012-12-02	19:00:00"	6.8618	191.13	64.515	20.05	0.0831	26.438	0
"2012-12-02	20:00:00"	3.6046	232.61	60.295	23.261	0.07144	26.438	0
"2012-12-02	21:00:00"	3.8022	197.92	57.279	28.453	0.07123	26.438	0
"2012-12-02	22:00:00"	4.0631	224.16	54.54	43.558	0.06296	26.441	0
"2012-12-02	23:00:00"	7.1557	212.29	52.507	59.615	0.07059	26.432	0
"2012-12-03	00:00:00"	7.065	234.78	53.634	74.723	0.05893	26.444	0
"2012-12-03	01:00:00"	3.8606	228.78	49.194	81.527	0.0725	26.438	0
"2012-12-03	02:00:00"	5.1934	214.43	50.403	92.101	0.06932	26.435	0
"2012-12-03	03:00:00"	9.7866	177.16	51.114	93.109	0.07843	26.429	0
"2012-12-03	04:00:00"	8.7793	220.69	50.197	93.392	0.07716	26.423	0
"2012-12-03	05:00:00"	5.7657	213.74	48.89	93.451	0.07525	26.409	0
"2012-12-03	06:00:00"	5.3028	213.93	47.597	93.73	0.04791	26.406	0
"2012-12-03	07:00:00"	8.0778	203.78	49.792	94.127	0.05914	26.418	0
"2012-12-03	08:00:00"	5.1773	225.12	48.497	93.711	4.8465	26.432	0
"2012-12-03	09:00:00"	5.2239	242.93	46.725	93.941	128.13	26.447	0
"2012-12-03	10:00:00"	7.1234	234.93	51.546	79.599	315.23	26.474	0
"2012-12-03	11:00:00"	9.1534	231.07	59.835	49.592	470.23	26.483	0
"2012-12-03	12:00:00"	12.859	268.96	69.107	23.629	587.82	26.471	0
"2012-12-03	13:00:00"	12.051	280.67	73.322	14.943	635.77	26.444	0
"2012-12-03	14:00:00"	9.3498	310.86	74.597	14.25	611.33	26.429	0
"2012-12-03	15:00:00"	7.4117	292.94	75.693	13.744	532.01	26.418	0
"2012-12-03	16:00:00"	5.9372	272.75	75.786	13.474	351.16	26.426	0
"2012-12-03	17:00:00"	4.851	241.18	74.341	14.021	155.73	26.412	0
"2012-12-03	18:00:00"	3.4175	319.36	71.793	16.034	59.915	26.418	0
"2012-12-03	19:00:00"	4.1023	356.4	63.755	21.346	0.06529	26.441	0
"2012-12-03	20:00:00"	7.8162	351.39	58.637	28.037	0.07928	26.465	0
"2012-12-03	21:00:00"	8.6967	339.42	60.354	27.67	0.0725	26.488	0
"2012-12-03	22:00:00"	7.8361	342.72	57.543	30.633	0.05893	26.494	0
"2012-12-03	23:00:00"	8.4668	348.63	56.67	31.873	0.0778	26.515	0
"2012-12-04	00:00:00"	8.3133	351.47	55.545	34.263	0.06783	26.527	0
"2012-12-04	01:00:00"	12.065	17.416	51.841	38.437	0.07229	26.536	0
"2012-12-04	02:00:00"	9.9208	46.311	47.886	45.866	0.08267	26.547	0
"2012-12-04	03:00:00"	8.8191	35.511	45.961	50.194	0.06614	26.577	0
"2012-12-04	04:00:00"	7.6025	33.424	44.698	53.631	0.07207	26.58	0
"2012-12-04	05:00:00"	11.817	25.407	42.947	57.82	0.06974	26.601	0
"2012-12-04	06:00:00"	12.376	32.817	42.718	59.381	0.05808	26.627	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-04	07:00:00"	13.125	32.406	42.585	62.116	0.08034	26.651	0
"2012-12-04	08:00:00"	10.103	20.508	40.739	64.755	10.705	26.701	0
"2012-12-04	09:00:00"	11.097	19.091	42.816	61.271	133.1	26.725	0
"2012-12-04	10:00:00"	11.239	23.348	48.962	51.782	297.28	26.757	0
"2012-12-04	11:00:00"	11.965	44.288	53.234	45.64	475.24	26.76	0
"2012-12-04	12:00:00"	9.1814	40.112	56.113	41.382	576.97	26.763	0
"2012-12-04	13:00:00"	7.0383	34.902	58.7	37.738	622.98	26.748	0
"2012-12-04	14:00:00"	6.0466	56.385	60.64	34.872	605.33	26.734	0
"2012-12-04	15:00:00"	5.3314	33.109	61.665	33.327	431.07	26.719	0
"2012-12-04	16:00:00"	6.7319	22.853	61.977	32.901	289.35	26.722	0
"2012-12-04	17:00:00"	7.0414	31.724	61.313	33.368	163.68	26.719	0
"2012-12-04	18:00:00"	5.5321	44.005	58.131	36.449	17.996	26.719	0
"2012-12-04	19:00:00"	4.2893	39.678	54.293	41.201	0.0655	26.728	0
"2012-12-04	20:00:00"	4.6031	48.74	53.271	42.635	0.04812	26.719	0
"2012-12-04	21:00:00"	5.5109	63.134	49.195	48.093	0.05172	26.719	0
"2012-12-04	22:00:00"	5.6563	63.342	47.456	48.137	0.05999	26.725	0
"2012-12-04	23:00:00"	4.4776	73.952	47.41	45.869	0.06762	26.728	0
"2012-12-05	00:00:00"	5.1704	95.05	46.244	44.806	0.07207	26.728	0
"2012-12-05	01:00:00"	5.2506	108.34	44.822	44.555	0.06359	26.719	0
"2012-12-05	02:00:00"	2.3438	128.77	43.648	44.466	0.07695	0	0
"2012-12-05	03:00:00"	0.92647	160.04	41.78	47.373	0.07356	26.707	0
"2012-12-05	04:00:00"	1.0507	60.45	40.838	49.101	0.08394	26.695	0
"2012-12-05	05:00:00"	0.83574	243.19	41.556	48.02	0.06571	26.683	0
"2012-12-05	06:00:00"	2.8173	150.28	41.197	48.698	0.05215	26.669	0
"2012-12-05	07:00:00"	4.0153	147.72	40.123	49.476	0.06041	26.68	0
"2012-12-05	08:00:00"	5.4376	145.09	40.946	47.486	15.829	26.677	0
"2012-12-05	09:00:00"	7.6584	159.07	44.552	39.989	106.93	26.689	0
"2012-12-05	10:00:00"	8.1959	181.02	49.938	33.804	283.72	26.692	0
"2012-12-05	11:00:00"	12.23	191.2	55.062	32.665	501.85	26.666	0
"2012-12-05	12:00:00"	12.98	190.96	57.946	32.039	542.41	26.642	0
"2012-12-05	13:00:00"	12.088	195.61	60.843	29.526	607.44	26.589	0
"2012-12-05	14:00:00"	12.68	202.1	63.498	27.542	630.25	26.55	0
"2012-12-05	15:00:00"	12.59	201.68	65.09	26.417	503.19	26.512	0
"2012-12-05	16:00:00"	11.159	209.29	66.177	25.269	387.65	26.494	0
"2012-12-05	17:00:00"	10.489	206.53	65.859	25.888	210.04	26.485	0
"2012-12-05	18:00:00"	6.7624	188.9	62.292	29.556	45.577	26.471	0
"2012-12-05	19:00:00"	4.6913	167.97	54.892	36.979	0.13545	26.459	0
"2012-12-05	20:00:00"	6.0142	174.38	53.333	38.195	0.0619	26.456	0
"2012-12-05	21:00:00"	5.2792	173.54	50.563	40.832	0.07674	26.453	0
"2012-12-05	22:00:00"	5.5898	203.85	50.922	40.231	0.07207	26.435	0
"2012-12-05	23:00:00"	3.7195	245.9	47.567	45.316	0.07271	26.426	0
"2012-12-06	00:00:00"	2.5569	228.25	46.125	48.077	0.05702	26.409	0
"2012-12-06	01:00:00"	3.6008	242.82	45.991	49.173	0.05978	26.394	0
"2012-12-06	02:00:00"	2.7148	245.44	44.534	52.553	0.06762	26.379	0
"2012-12-06	03:00:00"	3.1466	221.5	44.134	54.438	0.06911	26.37	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-06	04:00:00"	3.3355	214.04	42.458	58.774	0.06211	26.361	0
"2012-12-06	05:00:00"	5.1655	254.11	40.279	62.488	0.06423	26.35	0
"2012-12-06	06:00:00"	3.0702	256.64	39.999	64.719	0.06889	26.347	0
"2012-12-06	07:00:00"	3.0366	245.92	39.153	66.696	0.06169	26.358	0
"2012-12-06	08:00:00"	3.8612	264.4	39.157	66.869	12.103	26.358	0
"2012-12-06	09:00:00"	4.1874	265.53	45.331	55.245	132.65	26.367	0
"2012-12-06	10:00:00"	5.9384	264.61	53.41	41.436	306.85	26.373	0
"2012-12-06	11:00:00"	8.688	275.72	63.297	28.783	493.25	26.373	0
"2012-12-06	12:00:00"	10.212	290.48	71.543	18.247	577.51	26.35	0
"2012-12-06	13:00:00"	10.788	296.17	75.192	14.957	621.1	26.32	0
"2012-12-06	14:00:00"	10.696	303.06	77.328	12.297	636.54	26.299	0
"2012-12-06	15:00:00"	9.85	289.68	78.459	11.148	540.43	26.288	0
"2012-12-06	16:00:00"	7.8902	294.7	78.515	11.057	392.91	26.288	0
"2012-12-06	17:00:00"	7.0345	297.05	77.632	10.314	215.58	26.291	0
"2012-12-06	18:00:00"	4.7355	13.527	71.699	13.679	35.565	26.294	0
"2012-12-06	19:00:00"	6.904	27.43	63.566	17.846	0.07186	26.302	0
"2012-12-06	20:00:00"	6.9867	30.818	55.808	25.01	0.05999	26.311	0
"2012-12-06	21:00:00"	7.5242	38.402	54.201	28.111	0.08967	26.323	0
"2012-12-06	22:00:00"	8.1387	49.353	52.966	29.858	0.07525	26.329	0
"2012-12-06	23:00:00"	7.3763	58.011	50.215	33.367	0.07462	26.323	0
"2012-12-07	00:00:00"	9.2131	45.433	48.882	37.204	0.06911	26.329	0
"2012-12-07	01:00:00"	10.554	58.976	47.776	40.712	0.06211	26.317	0
"2012-12-07	02:00:00"	10.699	65.733	46.299	42.743	0.07165	26.308	0
"2012-12-07	03:00:00"	10.907	63.33	45.38	43.48	0.0744	26.308	0
"2012-12-07	04:00:00"	11.001	39.416	42.558	47.395	0.06084	26.308	0
"2012-12-07	05:00:00"	11.085	38.645	40.719	49.979	0.08416	26.308	0
"2012-12-07	06:00:00"	9.8692	38.732	38.939	52.877	0.07864	26.308	0
"2012-12-07	07:00:00"	9.753	38.306	37.415	55.615	0.09242	26.329	0
"2012-12-07	08:00:00"	10.804	29.699	35.832	58.591	6.0007	26.335	0
"2012-12-07	09:00:00"	10.914	32.362	38.254	54.822	125.4	26.353	0
"2012-12-07	10:00:00"	10.615	60.529	46.038	43.253	334.93	26.358	0
"2012-12-07	11:00:00"	6.2131	85.664	51.518	38.248	415.52	26.367	0
"2012-12-07	12:00:00"	3.54	52.67	55.338	34.206	519.91	26.353	0
"2012-12-07	13:00:00"	3.0783	1.2384	59.025	29.512	606.9	26.323	0
"2012-12-07	14:00:00"	4.7206	314.88	61.784	25.881	455.27	26.302	0
"2012-12-07	15:00:00"	5.7489	309.53	64.097	23.399	531.2	26.296	0
"2012-12-07	16:00:00"	4.0252	319.92	66.28	21.462	383.2	26.288	0
"2012-12-07	17:00:00"	1.9468	261.12	68.261	20.078	207.92	26.282	0
"2012-12-07	18:00:00"	2.2121	76.004	66.213	21.532	45.895	26.288	0
"2012-12-07	19:00:00"	3.7003	145.99	59.395	26.251	0.08161	26.291	0
"2012-12-07	20:00:00"	4.0986	126.73	55.347	30.276	0.06296	26.305	0
"2012-12-07	21:00:00"	3.8165	155.84	53.652	31.945	0.07271	26.323	0
"2012-12-07	22:00:00"	1.9517	194.36	50.445	35.559	0.06529	26.326	0
"2012-12-07	23:00:00"	3.4946	210.73	48.546	40.502	0.06847	26.329	0
"2012-12-08	00:00:00"	3.5984	181.52	46.98	43.403	0.0513	26.332	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-08	01:00:00"	2.39	227.87	47.579	43.386	0.09196	26.32	0
"2012-12-08	02:00:00"	1.9666	213.73	46.38	45.413	0.06402	26.314	0
"2012-12-08	03:00:00"	2.094	275.25	46.174	45.157	0.05236	26.317	0
"2012-12-08	04:00:00"	3.1553	254.7	45.846	44.927	0.07101	26.32	0
"2012-12-08	05:00:00"	2.0766	252.23	43.024	51.274	0.07017	26.317	0
"2012-12-08	06:00:00"	1.8815	257.01	42.923	53.834	0.06253	26.32	0
"2012-12-08	07:00:00"	4.2309	300.38	44.532	49.844	0.06487	26.332	0
"2012-12-08	08:00:00"	4.0544	298.05	44.171	48.218	8.1203	26.341	0
"2012-12-08	09:00:00"	4.4801	276.5	45.457	47.328	126.72	26.347	0
"2012-12-08	10:00:00"	5.8061	3.3114	53.292	35.684	306.21	26.367	0
"2012-12-08	11:00:00"	5.1835	13.687	56.481	30.728	470.56	26.364	0
"2012-12-08	12:00:00"	3.8444	301.27	62.024	25.95	581.5	26.347	0
"2012-12-08	13:00:00"	10.984	265.59	67.017	22.864	628.86	26.305	0
"2012-12-08	14:00:00"	17.142	262.83	69.241	21.134	614.3	26.273	0
"2012-12-08	15:00:00"	15.957	244.76	70.086	20.39	530.18	26.252	0
"2012-12-08	16:00:00"	15.815	258.3	70.431	18.353	390.44	26.246	0
"2012-12-08	17:00:00"	13.525	239.7	70.196	18.808	209.8	26.246	0
"2012-12-08	18:00:00"	10.388	229.81	66.859	21.811	46.905	26.255	0
"2012-12-08	19:00:00"	9.9432	227.28	61.342	25.615	0.0903	26.264	0
"2012-12-08	20:00:00"	4.4689	236.31	56.685	29.376	0.07504	26.285	0
"2012-12-08	21:00:00"	5.2164	256.3	52.275	33.782	0.0619	26.288	0
"2012-12-08	22:00:00"	3.832	258.48	49.432	36.983	0.08013	26.291	0
"2012-12-08	23:00:00"	2.8173	235.25	46.86	40.498	0.07377	26.288	0
"2012-12-09	00:00:00"	3.7897	261.3	46.307	41.162	0.06402	26.288	0
"2012-12-09	01:00:00"	3.7978	256.35	44.462	43.753	0.07313	26.279	0
"2012-12-09	02:00:00"	4.8622	262.12	44.361	44.766	0.07801	26.282	0
"2012-12-09	03:00:00"	4.1744	252.55	45.643	42.838	0.07504	26.282	0
"2012-12-09	04:00:00"	3.8587	265.98	44.804	44.347	0.06211	26.285	0
"2012-12-09	05:00:00"	6.3622	277.44	47.827	40.272	0.07462	26.288	0
"2012-12-09	06:00:00"	4.7821	271.78	46.584	42.025	0.0744	26.296	0
"2012-12-09	07:00:00"	5.153	284.98	45.256	44.166	0.06953	26.314	0
"2012-12-09	08:00:00"	3.1205	301.13	44.817	44.348	2.7083	26.323	0
"2012-12-09	09:00:00"	7.4198	333.89	47.92	40.017	163.58	26.358	0
"2012-12-09	10:00:00"	17.654	32.299	44.55	50.062	326.75	26.391	0
"2012-12-09	11:00:00"	16.409	36.446	44.973	53.841	455.13	26.406	0
"2012-12-09	12:00:00"	16.003	43.977	46.129	44.111	568.17	26.403	0
"2012-12-09	13:00:00"	14.848	46.509	47.966	40.366	628.5	26.373	0
"2012-12-09	14:00:00"	14.295	49.784	49.793	37.526	563.76	26.35	0
"2012-12-09	15:00:00"	13.932	42.798	51.509	36.555	504.71	26.344	0
"2012-12-09	16:00:00"	14.718	53.137	51.725	38.551	339.62	26.341	0
"2012-12-09	17:00:00"	15.784	53.577	49.856	40.751	181.24	26.347	0
"2012-12-09	18:00:00"	15.013	51.912	47.145	42.516	39.752	26.356	0
"2012-12-09	19:00:00"	12.189	56.445	43.826	44.902	0.10175	26.379	0
"2012-12-09	20:00:00"	15.747	43.834	40.973	40.245	0.06911	26.438	0
"2012-12-09	21:00:00"	16.442	45.03	38.21	37.303	0.08861	26.468	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-09	22:00:00"	21.872	29.237	34.951	36.536	0.07949	26.539	0
"2012-12-09	23:00:00"	23.562	19.522	31.746	37.242	0.07652	26.571	0
"2012-12-10	00:00:00"	20.848	12.422	31.833	38.458	0.08352	26.604	0
"2012-12-10	01:00:00"	17.871	9.4186	30.292	46.819	0.0744	26.609	0
"2012-12-10	02:00:00"	14.236	10.645	27.014	73.149	0.06487	26.618	0
"2012-12-10	03:00:00"	12.859	8.1199	25.63	71.435	0.07652	26.604	0
"2012-12-10	04:00:00"	4.1203	351.47	23.239	75.846	0.06529	26.598	0
"2012-12-10	05:00:00"	4.6485	333.43	22.247	72.909	0.08585	26.589	0
"2012-12-10	06:00:00"	2.9646	277.38	21.719	73.652	0.08352	26.586	0
"2012-12-10	07:00:00"	4.6684	313.02	20.783	76.632	0.06275	26.586	0
"2012-12-10	08:00:00"	4.5205	323.48	18.745	77.43	7.4176	26.586	0
"2012-12-10	09:00:00"	6.2274	343.93	20.876	67.926	127.75	26.592	0
"2012-12-10	10:00:00"	7.2116	357.11	26.867	47.188	306.79	26.583	0
"2012-12-10	11:00:00"	5.2096	315.61	30.369	36.601	465.49	26.58	0
"2012-12-10	12:00:00"	5.9782	286.35	32.905	33.804	577.16	26.556	0
"2012-12-10	13:00:00"	6.5101	273.06	36.271	30.174	627.05	26.515	0
"2012-12-10	14:00:00"	7.5447	270.01	39.038	26.111	609.8	26.468	0
"2012-12-10	15:00:00"	8.8415	290.27	41.173	20.978	528.3	26.444	0
"2012-12-10	16:00:00"	8.2425	296.45	42.134	19.677	390.23	26.423	0
"2012-12-10	17:00:00"	6.2392	269.17	42.482	20.658	216.43	26.42	0
"2012-12-10	18:00:00"	4.3602	256.68	40.849	21.394	48.487	26.415	0
"2012-12-10	19:00:00"	3.1305	221.28	35.502	27.01	0.11956	26.423	0
"2012-12-10	20:00:00"	3.4511	170.87	31.312	38.659	0.07462	26.432	0
"2012-12-10	21:00:00"	2.5066	136.67	30.795	42.513	0.06889	26.426	0
"2012-12-10	22:00:00"	3.471	244.34	27.373	46.369	0.07695	26.435	0
"2012-12-10	23:00:00"	3.3144	246.49	26.256	47.499	0.06741	26.444	0
"2012-12-11	00:00:00"	3.8345	222.91	25.135	50.38	0.07398	26.435	0
"2012-12-11	01:00:00"	4.0725	253.07	26.258	50.458	0.07758	26.429	0
"2012-12-11	02:00:00"	4.3409	249.65	25.978	50.819	0.07123	26.412	0
"2012-12-11	03:00:00"	3.6878	253.84	26.064	51.013	0.06889	26.418	0
"2012-12-11	04:00:00"	3.4554	269.93	24.961	52.088	0.07801	26.415	0
"2012-12-11	05:00:00"	4.3471	291.6	27.33	48.914	0.06762	26.412	0
"2012-12-11	06:00:00"	4.2583	299.75	27.813	49.282	0.07059	26.423	0
"2012-12-11	07:00:00"	1.9729	320.44	25.962	53.14	0.07801	26.432	0
"2012-12-11	08:00:00"	2.6669	272.93	25.536	54.001	8.2356	26.453	0
"2012-12-11	09:00:00"	4.252	267.29	26.975	51.592	110.46	26.471	0
"2012-12-11	10:00:00"	7.0805	308.03	35.179	39.93	299.68	26.488	0
"2012-12-11	11:00:00"	11.229	340.86	43.136	29.181	458	26.497	0
"2012-12-11	12:00:00"	8.4991	331.83	46.444	25.408	568.05	26.485	0
"2012-12-11	13:00:00"	9.2441	329.69	49.038	22.186	621.54	26.465	0
"2012-12-11	14:00:00"	9.9289	329.55	50.524	19.942	607.63	26.447	0
"2012-12-11	15:00:00"	11.552	344.23	50.888	19.405	526.49	26.453	0
"2012-12-11	16:00:00"	11.168	344.35	50.692	17.857	389.08	26.453	0
"2012-12-11	17:00:00"	11.22	350.69	50.203	17.649	215.05	26.465	0
"2012-12-11	18:00:00"	6.6586	9.2479	47.354	19.266	51.659	26.471	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-11	19:00:00"	4.733	18.205	40.841	23.308	0.12825	26.491	0
"2012-12-11	20:00:00"	4.4695	11.782	40.551	24.46	0.07652	26.515	0
"2012-12-11	21:00:00"	3.9022	350.89	38.057	27.324	0.06275	26.533	0
"2012-12-11	22:00:00"	4.4341	15.263	38.578	26.808	0.07822	26.545	0
"2012-12-11	23:00:00"	4.2297	43.295	34.543	30.541	0.07716	26.539	0
"2012-12-12	00:00:00"	1.4981	114.65	32.211	32.608	0.06953	26.545	0
"2012-12-12	01:00:00"	2.7769	143.92	32.444	33.502	0.08437	26.539	0
"2012-12-12	02:00:00"	1.807	186.21	30.86	35.957	0.06741	26.53	0
"2012-12-12	03:00:00"	1.4944	248.11	29.294	37.904	0.06741	26.53	0
"2012-12-12	04:00:00"	2.68	217.79	28.643	39.57	0.06444	26.524	0
"2012-12-12	05:00:00"	1.6821	226.71	27.36	41.585	0.08458	26.512	0
"2012-12-12	06:00:00"	1.9716	218.41	27.113	44.423	0.07483	26.509	0
"2012-12-12	07:00:00"	2.6918	217.86	26.342	48.327	0.0831	26.518	0
"2012-12-12	08:00:00"	2.6297	205.31	25.962	48.978	7.107	26.533	0
"2012-12-12	09:00:00"	4.088	206.48	28.821	43.826	126.86	26.545	0
"2012-12-12	10:00:00"	9.3783	217.22	38.817	30.984	301.12	26.553	0
"2012-12-12	11:00:00"	14.431	210.14	46.909	22.176	464.54	26.556	0
"2012-12-12	12:00:00"	13.059	212.89	50.999	17.998	577.82	26.545	0
"2012-12-12	13:00:00"	13.192	215.93	54.482	15.718	634.33	26.512	0
"2012-12-12	14:00:00"	13.985	221.05	57.398	14.028	629.19	26.488	0
"2012-12-12	15:00:00"	11.833	211.4	59.456	12.996	546.19	26.474	0
"2012-12-12	16:00:00"	12.012	208.39	61.199	12.414	403.23	26.468	0
"2012-12-12	17:00:00"	11.328	204.11	61.785	12.279	224	26.465	0
"2012-12-12	18:00:00"	6.9053	194.36	58.02	13.741	52.919	0.26282	0
"2012-12-12	19:00:00"	5.7937	170.51	49.498	17.441	0.11892	26.483	0
"2012-12-12	20:00:00"	5.9241	136.89	48.177	18.479	0.07059	26.497	0
"2012-12-12	21:00:00"	6.6673	148.38	45.054	21.844	0.07483	26.509	0
"2012-12-12	22:00:00"	3.4909	238.1	42.022	27.119	0.0797	26.521	0
"2012-12-12	23:00:00"	3.8438	246.08	41.944	29.343	0.08437	26.527	0
"2012-12-13	00:00:00"	3.9308	234.59	39.793	33.366	0.06677	26.524	0
"2012-12-13	01:00:00"	3.1292	229.73	36.92	38.788	0.06444	26.521	0
"2012-12-13	02:00:00"	3.9805	207.73	35.102	43.954	0.09412	26.512	0
"2012-12-13	03:00:00"	4.2775	221.68	33.848	48.456	0.08712	26.509	0
"2012-12-13	04:00:00"	3.3753	228.14	33.734	51.774	0.08394	26.515	0
"2012-12-13	05:00:00"	4.5609	209.93	33.201	53.543	0.06508	26.497	0
"2012-12-13	06:00:00"	4.6758	253.13	33.06	53.799	0.06465	26.503	0
"2012-12-13	07:00:00"	5.3804	252.83	33.909	53.499	0.085	26.512	0
"2012-12-13	08:00:00"	4.6305	241.35	31.821	57.675	5.7152	26.518	0
"2012-12-13	09:00:00"	4.203	237.04	34.27	54.514	114.26	26.545	0
"2012-12-13	10:00:00"	7.6056	207.15	44.612	41.292	288.84	26.553	0
"2012-12-13	11:00:00"	8.5892	187.5	50.986	32.981	448.83	26.55	0
"2012-12-13	12:00:00"	8.3605	190.81	57.071	26.23	567.49	26.542	0
"2012-12-13	13:00:00"	10.071	187.24	60.146	23.434	626.72	26.509	0
"2012-12-13	14:00:00"	10.944	179.25	63.165	21.23	610.42	26.483	0
"2012-12-13	15:00:00"	10.642	182.28	64.952	20.4	528.83	26.456	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-13	16:00:00"	9.8139	168.56	65.33	21.708	380.04	26.441	0
"2012-12-13	17:00:00"	10.143	156.01	63.603	26.107	159.52	26.447	0
"2012-12-13	18:00:00"	7.9716	157.03	58.97	35.435	22.303	26.45	0
"2012-12-13	19:00:00"	5.8421	138.85	53.662	45.506	0.07864	26.45	0
"2012-12-13	20:00:00"	5.4985	114.32	51.325	52.016	0.05596	26.462	0
"2012-12-13	21:00:00"	5.9925	102.45	49.317	58.587	0.05533	26.456	0
"2012-12-13	22:00:00"	5.7837	121.46	47.879	60.425	0.05893	26.456	0
"2012-12-13	23:00:00"	6.9705	143.75	46.876	65.142	0.08543	26.465	0
"2012-12-14	00:00:00"	8.8856	165.52	46.262	78.202	0.0831	26.462	0
"2012-12-14	01:00:00"	10.483	165.44	47.172	84.763	0.07144	26.435	0
"2012-12-14	02:00:00"	11.816	164.18	47.09	86.49	0.08946	26.426	0
"2012-12-14	03:00:00"	8.1629	175.38	47.092	87.107	0.0708	26.42	0
"2012-12-14	04:00:00"	8.2232	143.32	46.926	87.689	0.06826	26.37	0
"2012-12-14	05:00:00"	8.1611	138.39	46.777	88.277	0.06953	26.338	0
"2012-12-14	06:00:00"	9.5834	153.26	47.414	88.661	0.07758	26.335	0
"2012-12-14	07:00:00"	9.4175	154.95	48.354	88.073	0.06232	26.317	0
"2012-12-14	08:00:00"	7.1153	145.41	47.547	89.29	0.84686	26.308	0
"2012-12-14	09:00:00"	8.4047	151.07	47.316	89.042	42.573	26.299	0
"2012-12-14	10:00:00"	15.734	171.1	51.036	81.32	164.07	26.308	0
"2012-12-14	11:00:00"	19.716	175.18	55.389	69.903	335.56	26.282	0
"2012-12-14	12:00:00"	21.05	179.51	59.736	58.002	409.17	26.232	0
"2012-12-14	13:00:00"	22.205	179.21	61.53	54.215	490.61	26.199	0
"2012-12-14	14:00:00"	22.628	185.15	63.781	50.946	572.37	26.161	0
"2012-12-14	15:00:00"	22.716	197.04	61.473	56.39	255.58	26.223	0
"2012-12-14	16:00:00"	25.914	287.51	51.416	64.703	221.78	26.234	0
"2012-12-14	17:00:00"	23.412	285.22	50.008	55.453	75.502	26.258	0
"2012-12-14	18:00:00"	22.706	273.62	50.965	48.238	34.595	26.291	0
"2012-12-14	19:00:00"	20.175	264.8	50.343	45.605	0.08818	26.314	0
"2012-12-14	20:00:00"	17.695	268.14	49.632	40.826	0.07229	26.329	0
"2012-12-14	21:00:00"	13.189	260.27	48.408	42.329	0.08458	26.353	0
"2012-12-14	22:00:00"	8.6259	228.91	46.348	46.578	0.08076	26.361	0
"2012-12-14	23:00:00"	9.2236	224.84	44.258	48.978	0.08924	26.37	0
"2012-12-15	00:00:00"	11.32	245.76	44.381	48.092	0.05978	26.388	0
"2012-12-15	01:00:00"	8.8359	238.72	42.947	48.805	0.08013	26.394	0
"2012-12-15	02:00:00"	5.5265	256.96	41.751	48.659	0.08055	26.382	0
"2012-12-15	03:00:00"	6.5468	281.7	40.911	51.264	0.06571	26.379	0
"2012-12-15	04:00:00"	12.158	304.64	43.274	46.448	0.09369	26.367	0
"2012-12-15	05:00:00"	11.119	304.24	43.998	44.821	0.06465	26.35	0
"2012-12-15	06:00:00"	5.4662	277.13	40.343	51.74	0.08734	26.356	0
"2012-12-15	07:00:00"	3.4946	230.36	34.178	63.934	0.06847	26.364	0
"2012-12-15	08:00:00"	3.5754	232.06	32.703	67.609	2.0233	26.4	0
"2012-12-15	09:00:00"	3.1112	231.08	32.812	68.196	52.09	26.403	0
"2012-12-15	10:00:00"	4.7759	229.47	38.846	58.543	150.57	26.412	0
"2012-12-15	11:00:00"	6.159	240.1	43.314	52.298	186.01	26.42	0
"2012-12-15	12:00:00"	8.8166	274.28	48.056	49.359	216.59	26.406	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-15	13:00:00"	13.251	278.97	52.887	43.567	235.83	26.382	0
"2012-12-15	14:00:00"	14.475	277.18	54.958	40.839	267.17	26.353	0
"2012-12-15	15:00:00"	15.054	264.94	56.3	38.091	273.93	26.338	0
"2012-12-15	16:00:00"	12.532	258.31	56.195	38.154	148.67	26.341	0
"2012-12-15	17:00:00"	8.8595	239.53	54.823	38.197	72.581	26.338	0
"2012-12-15	18:00:00"	5.3842	229.58	51.729	41.88	14.196	26.344	0
"2012-12-15	19:00:00"	4.9206	251.76	49.164	49.248	0.06741	26.347	0
"2012-12-15	20:00:00"	5.1978	237.84	50.155	48.16	0.07101	26.347	0
"2012-12-15	21:00:00"	4.5397	269.1	47.619	53.569	0.05829	26.341	0
"2012-12-15	22:00:00"	4.5354	265.32	45.603	58.584	0.0831	26.344	0
"2012-12-15	23:00:00"	4.518	286.45	45.337	59.156	0.06444	26.347	0
"2012-12-16	00:00:00"	5.8887	263.24	45.466	58.043	0.07292	26.335	0
"2012-12-16	01:00:00"	3.5039	268.67	43.851	61.705	0.07419	26.332	0
"2012-12-16	02:00:00"	2.7806	262.5	42.396	63.458	0.06338	26.32	0
"2012-12-16	03:00:00"	3.9209	258.56	39.925	68.07	0.07483	26.323	0
"2012-12-16	04:00:00"	3.9333	267.09	39.516	69.646	0.08437	26.326	0
"2012-12-16	05:00:00"	5.4202	277.57	39.106	69.254	0.05405	26.32	0
"2012-12-16	06:00:00"	4.075	250.79	38.304	69.249	0.08585	26.314	0
"2012-12-16	07:00:00"	4.3825	268.77	35.508	73.807	0.06656	26.329	0
"2012-12-16	08:00:00"	4.7976	270.49	37.121	70.851	1.6412	26.335	0
"2012-12-16	09:00:00"	3.1398	259.69	39.254	70.213	111.2	26.347	0
"2012-12-16	10:00:00"	7.4888	281.47	45.671	58.459	282.58	26.358	0
"2012-12-16	11:00:00"	16.474	268.27	52.717	44.5	416.7	26.356	0
"2012-12-16	12:00:00"	18.523	266.43	54.515	39.915	431.93	26.344	0
"2012-12-16	13:00:00"	18.92	268.44	55.733	36.448	492.46	26.302	0
"2012-12-16	14:00:00"	16.724	266.4	56.539	33.453	324.9	26.276	0
"2012-12-16	15:00:00"	15.534	260.81	57.985	31.887	423.04	26.261	0
"2012-12-16	16:00:00"	17.813	257.85	58.614	30.644	340.42	26.258	0
"2012-12-16	17:00:00"	15.551	266.44	58.114	31.498	162.96	26.267	0
"2012-12-16	18:00:00"	18.503	273.84	56.193	34.703	27.327	26.291	0
"2012-12-16	19:00:00"	15.517	270.25	53.562	39.233	0.11574	26.314	0
"2012-12-16	20:00:00"	11.113	295.91	50.916	44.377	0.0619	26.35	0
"2012-12-16	21:00:00"	9.9102	302.56	49.059	47.821	0.0619	26.37	0
"2012-12-16	22:00:00"	11.731	299.02	47.802	50.373	0.09475	26.388	0
"2012-12-16	23:00:00"	9.5399	308.81	45.146	53.881	0.08182	26.409	0
"2012-12-17	00:00:00"	6.9861	304.01	41.804	59.336	0.07949	26.418	0
"2012-12-17	01:00:00"	5.9579	295.73	39.769	62.245	0.07251	26.406	0
"2012-12-17	02:00:00"	11.648	300.18	41.236	52.48	0.08119	26.403	0
"2012-12-17	03:00:00"	13.662	303.33	40.737	50.284	0.06593	26.397	0
"2012-12-17	04:00:00"	11.008	304.42	39.624	51.366	0.0744	26.403	0
"2012-12-17	05:00:00"	9.4939	311.19	38.192	52.621	0.07695	26.391	0
"2012-12-17	06:00:00"	7.7261	295.01	35.19	57.929	0.08479	26.397	0
"2012-12-17	07:00:00"	7.8808	311.49	35.756	55.873	0.05723	26.403	0
"2012-12-17	08:00:00"	8.478	306.16	35.873	56.182	5.1812	26.409	0
"2012-12-17	09:00:00"	6.791	286.8	37.311	57.155	111.94	26.406	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-17	10:00:00"	9.6443	281.92	44.296	47.774	284.89	26.426	0
"2012-12-17	11:00:00"	13.613	276.36	50.728	35.432	445.69	0	0
"2012-12-17	12:00:00"	14.653	268.36	55.202	28.196	559.67	26.418	0
"2012-12-17	13:00:00"	14.769	263.17	57.443	25.823	616.35	26.391	0
"2012-12-17	14:00:00"	14.835	253.1	59.542	23.577	614.33	26.358	0
"2012-12-17	15:00:00"	12.639	256.79	61.124	21.439	535.55	26.347	0
"2012-12-17	16:00:00"	12.033	265.34	62.117	20.453	397.58	26.341	0
"2012-12-17	17:00:00"	12.368	265.34	62.38	20.333	222.75	26.332	0
"2012-12-17	18:00:00"	10.596	259.84	60.428	21.278	55.928	26.338	0
"2012-12-17	19:00:00"	4.9853	250.97	52.914	26.994	0.20604	26.347	0
"2012-12-17	20:00:00"	7.0575	246.53	50.333	32.998	0.07504	26.358	0
"2012-12-17	21:00:00"	4.9896	266.48	46.928	39.941	0.08161	26.358	0
"2012-12-17	22:00:00"	5.3991	247.48	44.908	43.213	0.06656	26.358	0
"2012-12-17	23:00:00"	4.9921	253.87	46.067	41.661	0.06084	26.356	0
"2012-12-18	00:00:00"	4.8169	219.51	41.981	48.661	0.06889	26.35	0
"2012-12-18	01:00:00"	3.6636	207.25	38.433	54.286	0.0725	26.332	0
"2012-12-18	02:00:00"	5.6172	249.11	39.712	52.57	0.06444	26.317	0
"2012-12-18	03:00:00"	4.385	256.27	38.492	54.348	0.08288	26.317	0
"2012-12-18	04:00:00"	6.7207	273.54	41.353	52.671	0.07992	26.314	0
"2012-12-18	05:00:00"	6.8991	277.16	42.405	51.538	0.06084	26.276	0
"2012-12-18	06:00:00"	7.2067	278.6	42.203	52.289	0.06211	26.276	0
"2012-12-18	07:00:00"	5.8514	255.07	39.695	56.867	0.08479	26.288	0
"2012-12-18	08:00:00"	3.6692	244.45	34.986	65.136	4.9287	26.296	0
"2012-12-18	09:00:00"	5.8316	246.24	40.225	58.708	115.06	26.314	0
"2012-12-18	10:00:00"	7.8647	232.07	50.332	41.638	289.51	26.323	0
"2012-12-18	11:00:00"	12.55	228.84	58.304	30.647	453.86	26.329	0
"2012-12-18	12:00:00"	12.477	226.4	63.257	24.442	579.38	26.317	0
"2012-12-18	13:00:00"	12.764	239.58	66.494	20.196	628.62	26.288	0
"2012-12-18	14:00:00"	14.104	230.24	69.472	17.639	598.69	26.258	0
"2012-12-18	15:00:00"	14.442	230.45	71.241	14.906	456.8	26.237	0
"2012-12-18	16:00:00"	14.349	235.26	71.216	12.988	207.86	26.232	0
"2012-12-18	17:00:00"	12.009	231.17	69.115	13.474	103.97	26.234	0
"2012-12-18	18:00:00"	7.856	227.11	65.757	15.823	42.547	26.232	0
"2012-12-18	19:00:00"	3.845	248.87	62.386	17.289	0.21897	26.232	0
"2012-12-18	20:00:00"	3.8935	234.42	57.374	20.121	0.0708	26.24	0
"2012-12-18	21:00:00"	2.3364	190.6	54.214	21.869	0.07525	26.24	0
"2012-12-18	22:00:00"	2.0045	210.49	53.558	22.321	0.07843	26.234	0
"2012-12-18	23:00:00"	3.4026	144.4	51.64	23.844	0.06932	26.226	0
"2012-12-19	00:00:00"	3.7208	166.17	50.955	24.85	0.06487	26.229	0
"2012-12-19	01:00:00"	4.4863	173.38	48.335	27.218	0.10557	26.193	0
"2012-12-19	02:00:00"	3.9662	163.46	48.033	26.995	0.05829	26.167	0
"2012-12-19	03:00:00"	3.9208	214.94	47.049	27.883	0.07504	26.158	0
"2012-12-19	04:00:00"	3.0913	214.48	44.738	29.206	0.08119	26.14	0
"2012-12-19	05:00:00"	4.6354	189.03	44.034	29.056	0.0672	26.119	0
"2012-12-19	06:00:00"	3.4766	211.55	42.802	31.081	0.06783	26.116	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-19	07:00:00"	3.5331	197.4	43.197	32.749	0.08055	26.122	0
"2012-12-19	08:00:00"	2.2835	195.73	43.194	33.662	0.90049	26.128	0
"2012-12-19	09:00:00"	2.8838	209.02	42.724	35.513	27.295	26.149	0
"2012-12-19	10:00:00"	4.2794	273.98	44.798	34.109	103.04	26.169	0
"2012-12-19	11:00:00"	4.9498	236.1	50.762	26.576	226.73	26.175	0
"2012-12-19	12:00:00"	10.632	240.22	58.366	18.002	320.17	26.161	0
"2012-12-19	13:00:00"	22.022	253.68	64.743	16.051	441.51	26.14	0
"2012-12-19	14:00:00"	27.437	251.28	65.176	21.724	422.18	26.134	0
"2012-12-19	15:00:00"	28.625	263.94	63.36	26.891	234.67	26.158	0
"2012-12-19	16:00:00"	32.876	268.51	60.011	28.584	296.54	26.208	0
"2012-12-19	17:00:00"	30.09	263.83	57.163	28.92	143.56	26.232	0
"2012-12-19	18:00:00"	23.469	270.24	54.67	20.553	27.595	26.285	0
"2012-12-19	19:00:00"	18.112	315.35	50.458	17.419	0.12486	26.35	0
"2012-12-19	20:00:00"	17.685	316.72	47.602	19.11	0.07758	26.403	0
"2012-12-19	21:00:00"	22.138	317.55	45.373	21.641	0.07144	26.462	0
"2012-12-19	22:00:00"	19.914	317.02	43.899	22.508	0.09412	26.515	0
"2012-12-19	23:00:00"	21.191	351.01	38.422	34.118	0.07652	26.577	0
"2012-12-20	00:00:00"	13.747	7.5722	33.166	40.023	0.08055	26.621	0
"2012-12-20	00:00:00"	11.856	1	32	39.4	0	0.04134	0
"2012-12-20	01:00:00"	10.885	352.74	31.247	40.185	0.09285	26.642	0
"2012-12-20	02:00:00"	7.5876	357.48	29.361	43.464	0.08055	26.663	0
"2012-12-20	03:00:00"	5.3481	336.09	27.069	46.183	0.0619	26.695	0
"2012-12-20	04:00:00"	5.0107	324.38	25.929	46.376	0.10027	26.722	0
"2012-12-20	05:00:00"	4.49	346.78	22.709	50.823	0.0619	0.26577	0
"2012-12-20	06:00:00"	6.2591	326.36	22.212	50.078	0.08331	26.736	0
"2012-12-20	07:00:00"	6.1217	328.49	21.508	51.031	0.07483	26.766	0
"2012-12-20	08:00:00"	3.2958	342.21	19.835	54.002	4.2466	26.787	0
"2012-12-20	09:00:00"	4.6218	329.24	22.015	50.269	113.45	26.822	0
"2012-12-20	10:00:00"	5.0238	277.94	27.873	38.022	288.67	26.84	0
"2012-12-20	11:00:00"	5.1418	251.08	34.36	28.351	451.07	26.855	0
"2012-12-20	12:00:00"	8.7856	245.4	38.81	25.801	566.51	26.846	0
"2012-12-20	13:00:00"	9.0975	251.12	42.203	23.06	620.33	26.822	0
"2012-12-20	14:00:00"	9.4455	245.07	44.948	20.512	607.36	26.793	0
"2012-12-20	15:00:00"	7.956	252.93	47.224	18.339	530.6	26.784	0
"2012-12-20	16:00:00"	7.8019	239.61	48.341	17.275	396.19	26.775	0
"2012-12-20	17:00:00"	7.2439	234.23	48.351	16.483	225.2	26.772	0
"2012-12-20	18:00:00"	4.2322	219.65	45.777	17.02	58.958	26.772	0
"2012-12-20	19:00:00"	2.4115	207.73	38.328	20.906	0.17997	26.784	0
"2012-12-20	20:00:00"	1.9511	211.7	34.685	23.246	0.06656	26.796	0
"2012-12-20	21:00:00"	1.976	224.52	32.699	24.491	0.10175	26.801	0
"2012-12-20	22:00:00"	1.9778	235.37	32.874	24.57	0.05639	0.26784	0
"2012-12-20	23:00:00"	1.8318	274.15	32.226	25.378	0.07144	26.804	0
"2012-12-21	00:00:00"	2.1605	282.75	31.964	25.691	0.09094	26.798	0
"2012-12-21	01:00:00"	2.8353	271.56	29.898	28.18	0.09264	26.796	0
"2012-12-21	02:00:00"	3.7916	277.77	29.157	29.111	0.07271	26.784	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-21	03:00:00"	3.6748	276.45	27.518	31.409	0.07674	26.784	0
"2012-12-21	04:00:00"	2.9428	296.78	28.133	30.891	0.06614	26.772	0
"2012-12-21	05:00:00"	2.2127	292.52	27.673	31.823	0.1026	26.754	0
"2012-12-21	06:00:00"	3.2995	326.53	25.355	34.941	0.07186	26.754	0
"2012-12-21	07:00:00"	2.5489	321.24	26.618	33.14	0.07652	26.763	0
"2012-12-21	08:00:00"	2.4985	344.27	27.205	31.892	3.9119	26.754	0
"2012-12-21	09:00:00"	2.5694	332.94	29.642	29.393	57.44	26.778	0
"2012-12-21	10:00:00"	3.5518	235.25	35.406	26.763	211.81	26.784	0
"2012-12-21	11:00:00"	6.5244	186.17	42.681	17.038	341.92	26.775	0
"2012-12-21	12:00:00"	5.0611	189.09	44.211	15.8	433.47	26.748	0
"2012-12-21	13:00:00"	6.7934	178.54	49.736	12.53	528.65	26.707	0
"2012-12-21	14:00:00"	8.5128	191.05	52.856	10.964	558.93	26.677	0
"2012-12-21	15:00:00"	10.917	190.26	54.08	10.616	489.7	26.663	0
"2012-12-21	16:00:00"	11.114	191.91	53.912	10.559	336	26.645	0
"2012-12-21	17:00:00"	9.0459	175.65	53.524	10.941	219.94	26.633	0
"2012-12-21	18:00:00"	6.218	177.06	51.43	11.594	55.601	26.63	0
"2012-12-21	19:00:00"	4.0172	155	45.351	14.066	0.14754	26.636	0
"2012-12-21	20:00:00"	5.0928	157.38	43.197	15.324	0.06762	26.642	0
"2012-12-21	21:00:00"	6.6139	172.65	40.919	17.004	0.08416	26.645	0
"2012-12-21	22:00:00"	5.5675	171.96	37.322	19.959	0.07652	26.654	0
"2012-12-21	23:00:00"	6.0211	174.13	37.023	21.478	0.07165	26.66	0
"2012-12-22	00:00:00"	5.0816	190.12	35.124	23.196	0.06889	26.633	0
"2012-12-22	01:00:00"	3.6903	201.31	33.77	24.711	0.0831	26.615	0
"2012-12-22	02:00:00"	5.7527	189.91	33.622	25.367	0.06253	26.595	0
"2012-12-22	03:00:00"	4.4217	214.51	31.754	27.124	0.06911	26.589	0
"2012-12-22	04:00:00"	4.0327	242.86	31.082	28.205	0.07101	26.574	0
"2012-12-22	05:00:00"	3.1069	254.07	30.524	28.961	0.0672	26.568	0
"2012-12-22	06:00:00"	3.7139	284.26	30.291	30.507	0.07377	26.562	0
"2012-12-22	07:00:00"	4.2638	258.16	29.343	31.823	0.08055	26.553	0
"2012-12-22	08:00:00"	4.2496	251.92	27.746	34.101	3.2446	26.553	0
"2012-12-22	09:00:00"	4.6609	253.5	31.087	30.729	103.54	26.568	0
"2012-12-22	10:00:00"	7.3222	222.61	37.449	23.934	247.85	26.58	0
"2012-12-22	11:00:00"	7.4925	218.65	42.548	20.243	415.74	26.574	0
"2012-12-22	12:00:00"	8.3301	226.58	47.756	17.014	375.41	26.562	0
"2012-12-22	13:00:00"	10.409	220.58	51.265	15.103	355.87	26.536	0
"2012-12-22	14:00:00"	10.452	214.16	52.779	14.483	256.07	26.488	0
"2012-12-22	15:00:00"	9.3131	204.33	54.642	13.689	231.6	26.444	0
"2012-12-22	16:00:00"	9.9655	216.21	56.268	13.173	215.14	26.474	0
"2012-12-22	17:00:00"	9.2746	213.62	55.793	13.251	101.95	26.465	0
"2012-12-22	18:00:00"	5.1505	216.77	54.433	13.907	20.161	26.459	0
"2012-12-22	19:00:00"	3.6996	201.67	50.849	15.861	0.08479	26.468	0
"2012-12-22	20:00:00"	3.0982	240.74	46.46	18.509	0.06826	26.483	0
"2012-12-22	21:00:00"	2.6439	242.55	44.103	20.224	0.07737	26.477	0
"2012-12-22	22:00:00"	2.9938	237.61	42.216	21.658	0.07843	26.471	0
"2012-12-22	23:00:00"	2.5557	221.01	40.052	23.418	0.07843	26.471	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-23	00:00:00"	2.7788	227.17	38.887	24.884	0.07377	26.474	0
"2012-12-23	01:00:00"	2.7738	204.39	39.555	26.724	0.06275	26.459	0
"2012-12-23	02:00:00"	2.0338	217.72	39.599	30.179	0.05999	26.456	0
"2012-12-23	03:00:00"	1.7448	240.94	37.072	34.233	0.07716	26.447	0
"2012-12-23	04:00:00"	2.6359	264.85	36.807	35.563	0.06762	26.444	0
"2012-12-23	05:00:00"	3.5654	288.54	37.678	35.975	0.07377	26.429	0
"2012-12-23	06:00:00"	2.3594	227.77	36.762	37.213	0.08458	26.426	0
"2012-12-23	07:00:00"	2.7893	298.33	37.971	36.511	0.05914	26.435	0
"2012-12-23	08:00:00"	3.4318	277.71	38.474	37.421	1.7213	26.45	0
"2012-12-23	09:00:00"	2.4234	324.16	36.268	39.911	55.803	26.45	0
"2012-12-23	10:00:00"	2.4501	305.63	41.718	36.593	172.53	26.468	0
"2012-12-23	11:00:00"	3.7102	260.12	47.891	31.204	302.39	26.474	0
"2012-12-23	12:00:00"	7.5888	256.19	55.624	25.188	430.38	26.45	0
"2012-12-23	13:00:00"	10.197	287.35	60.442	23.411	388.81	26.423	0
"2012-12-23	14:00:00"	13.324	291.92	62.103	23.425	379.49	26.418	0
"2012-12-23	15:00:00"	11.284	288.11	61.144	23.423	283.19	26.403	0
"2012-12-23	16:00:00"	9.8686	283.34	63.365	21.894	369.43	26.406	0
"2012-12-23	17:00:00"	8.0629	275.17	63.832	21.529	171.26	26.403	0
"2012-12-23	18:00:00"	5.1723	278.48	61.08	22.972	46.762	26.412	0
"2012-12-23	19:00:00"	4.2377	278.76	54.906	28.741	0.1221	26.432	0
"2012-12-23	20:00:00"	1.8971	289.29	51.391	33.11	0.06465	26.435	0
"2012-12-23	21:00:00"	3.6033	331.29	50.846	32.743	0.08882	26.441	0
"2012-12-23	22:00:00"	4.6124	319.12	46.224	35.981	0.06783	26.45	0
"2012-12-23	23:00:00"	3.3803	288.67	43.278	37.935	0.06529	26.45	0
"2012-12-24	00:00:00"	2.6719	330.71	42.618	31.874	0.08076	26.435	0
"2012-12-24	01:00:00"	4.5708	334.57	42.36	26.581	0.07589	26.426	0
"2012-12-24	02:00:00"	4.344	326.14	40.888	27.713	0.06402	26.409	0
"2012-12-24	03:00:00"	8.1163	5.4233	40.302	27.527	0.06614	26.394	0
"2012-12-24	04:00:00"	7.9921	4.1958	40.619	26.968	0.07144	26.403	0
"2012-12-24	05:00:00"	7.344	21.073	38.53	28.713	0.08246	26.388	0
"2012-12-24	06:00:00"	8.6308	38.542	31.558	37.965	0.09666	26.391	0
"2012-12-24	07:00:00"	7.8224	27.291	31.536	37.343	0.08373	26.379	0
"2012-12-24	08:00:00"	4.6317	27.428	32.379	35.118	3.3501	26.382	0
"2012-12-24	09:00:00"	4.8778	42.135	33.929	33.898	40.869	26.388	0
"2012-12-24	10:00:00"	3.1883	91.759	38.276	30.734	168.71	26.397	0
"2012-12-24	11:00:00"	6.0062	126.16	46.551	22.22	358.42	26.385	0
"2012-12-24	12:00:00"	12.081	169.11	54.642	17.516	450.09	26.35	0
"2012-12-24	13:00:00"	13.141	205.85	57.305	18.988	385	26.311	0
"2012-12-24	14:00:00"	12.612	214.03	58.322	19.125	292.36	26.264	0
"2012-12-24	15:00:00"	12.962	210.46	59.359	18.811	260.83	26.237	0
"2012-12-24	16:00:00"	10.392	213.57	59.484	19.716	146.4	26.22	0
"2012-12-24	17:00:00"	10.671	198.65	58.914	20.675	54.219	26.19	0
"2012-12-24	18:00:00"	12.973	198.69	59.15	21.236	16.446	26.172	0
"2012-12-24	19:00:00"	10.587	211.51	57.472	22.592	0.10472	26.164	0
"2012-12-24	20:00:00"	10.926	224.88	57.141	20.804	0.0778	26.158	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-24	21:00:00"	7.5391	230.91	54.11	21.75	0.05639	26.143	0
"2012-12-24	22:00:00"	5.5588	235.12	48.739	25.562	0.07822	26.134	0
"2012-12-24	23:00:00"	7.6559	230.88	48.329	29.948	0.0602	26.137	0
"2012-12-25	00:00:00"	5.5874	205.49	46.165	35.471	0.07822	26.122	0
"2012-12-25	01:00:00"	1.9965	240.9	45.854	36.257	0.07758	26.11	0
"2012-12-25	02:00:00"	11.729	289.98	49.07	37.043	0.06508	0.26282	0
"2012-12-25	03:00:00"	11.938	264.5	48.572	49.118	0.06783	26.137	0
"2012-12-25	04:00:00"	10.298	287.63	44.725	59.438	0.07589	26.149	0
"2012-12-25	05:00:00"	10.748	298.11	41.936	60.579	0.07568	26.158	0
"2012-12-25	06:00:00"	10.744	288.92	40.3	58.413	0.08055	26.184	0
"2012-12-25	07:00:00"	9.5716	289.42	38.339	57.774	0.06211	26.22	0
"2012-12-25	08:00:00"	18.63	327.02	38.191	56.554	1.3007	26.276	0
"2012-12-25	09:00:00"	21.946	12.877	27.905	70.979	64.51	26.347	0
"2012-12-25	10:00:00"	22.322	4.42	27.254	60.693	207.16	26.42	0
"2012-12-25	11:00:00"	20.05	353.77	27.945	52.333	420.34	26.459	0
"2012-12-25	12:00:00"	20.272	347.35	30.982	45.457	538.97	26.477	0
"2012-12-25	13:00:00"	21.557	355.17	32.461	39.384	593.6	26.485	0
"2012-12-25	14:00:00"	20.567	350.67	32.397	37.866	589.64	26.497	0
"2012-12-25	15:00:00"	19.522	354.56	32.399	37.42	515.47	26.521	0
"2012-12-25	16:00:00"	18.306	355.67	31.929	39.035	366.5	26.509	0
"2012-12-25	17:00:00"	19.266	0.5336	30.24	41.869	162.3	26.539	0
"2012-12-25	18:00:00"	15.025	1.4994	27.678	47.006	22.856	26.547	0
"2012-12-25	19:00:00"	13.195	4.8698	25.521	51.584	0.13418	26.571	0
"2012-12-25	20:00:00"	16.299	9.8542	23.464	55.698	0.06635	26.565	0
"2012-12-25	21:00:00"	18.293	10.139	21.429	59.054	0.07864	26.553	0
"2012-12-25	22:00:00"	18.682	16.349	20.417	61.573	0.07483	26.571	0
"2012-12-25	23:00:00"	11.868	11.568	19.896	64.201	0.09793	26.601	0
"2012-12-26	00:00:00"	10.857	16.353	19.496	65.706	0.07377	26.601	0
"2012-12-26	01:00:00"	9.8469	13.851	18.911	67.213	0.09433	26.609	0
"2012-12-26	02:00:00"	6.9562	9.8991	18.382	68.891	0.08564	26.609	0
"2012-12-26	03:00:00"	8.1487	18.007	17.604	70.605	0.07165	26.609	0
"2012-12-26	04:00:00"	4.4291	359.88	17.132	71.714	0.09009	26.601	0
"2012-12-26	05:00:00"	5.908	1.8629	17.299	71.462	0.07101	26.583	0
"2012-12-26	06:00:00"	8.3065	20.102	17.42	70.726	0.08861	26.556	0
"2012-12-26	07:00:00"	6.7002	28.972	17.265	70.491	0.11807	26.559	0
"2012-12-26	08:00:00"	4.4285	25.636	17.132	70.798	0.76737	26.559	0
"2012-12-26	09:00:00"	5.1182	30.136	17.929	69.524	45.459	26.559	0
"2012-12-26	10:00:00"	3.5468	2.6592	20.243	64.948	174.56	26.586	0
"2012-12-26	11:00:00"	2.1058	279.45	23.524	57.004	276.8	26.574	0
"2012-12-26	12:00:00"	3.6195	208.18	27.283	50.782	418.27	26.533	0
"2012-12-26	13:00:00"	4.8858	193.49	31.026	45.437	481.79	26.488	0
"2012-12-26	14:00:00"	6.2864	183.9	34.049	42.937	461.16	26.447	0
"2012-12-26	15:00:00"	8.4531	172.51	36.261	41.093	382.36	26.403	0
"2012-12-26	16:00:00"	10.31	170.85	38.558	38.933	392.41	26.382	0
"2012-12-26	17:00:00"	10.466	165.52	39.504	38.217	171.64	26.367	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-26	18:00:00"	9.1888	156.57	38.326	40.973	22.83	26.356	0
"2012-12-26	19:00:00"	7.9629	145.8	36.156	43.427	0.17679	26.356	0
"2012-12-26	20:00:00"	5.1686	122.75	32.834	46.623	0.06232	26.358	0
"2012-12-26	21:00:00"	5.1853	135.34	31.134	50.323	0.09073	26.344	0
"2012-12-26	22:00:00"	5.8794	153.27	30.926	51.546	0.07652	26.329	0
"2012-12-26	23:00:00"	5.1114	146.59	29.236	53.8	0.07229	26.317	0
"2012-12-27	00:00:00"	4.2551	136.85	27.98	54.79	0.09221	26.308	0
"2012-12-27	01:00:00"	6.6797	168.99	26.705	57.184	0.08394	26.273	0
"2012-12-27	02:00:00"	7.3887	191.94	27.686	57.547	0.07801	26.249	0
"2012-12-27	03:00:00"	10.115	198.04	28.428	57.61	0.07271	26.24	0
"2012-12-27	04:00:00"	9.6437	206.19	29.157	57.098	0.08373	26.237	0
"2012-12-27	05:00:00"	5.3332	262.34	26.787	61.314	0.07631	26.237	0
"2012-12-27	06:00:00"	4.2682	269.69	27.045	61.714	0.06635	26.234	0
"2012-12-27	07:00:00"	4.1744	252.96	26.425	63.146	0.07568	26.24	0
"2012-12-27	08:00:00"	4.2899	260.94	26.211	63.703	0.79831	26.255	0
"2012-12-27	09:00:00"	3.7935	250.82	26.842	63.087	48.252	26.258	0
"2012-12-27	10:00:00"	5.2295	227.99	31.188	55.26	149.06	26.276	0
"2012-12-27	11:00:00"	4.3403	247.32	35.356	47.741	225.24	26.282	0
"2012-12-27	12:00:00"	2.3892	346.74	40.412	39.853	459.85	26.276	0
"2012-12-27	13:00:00"	2.3482	143.13	44.881	33.432	343.52	26.234	0
"2012-12-27	14:00:00"	3.9532	177.3	45.986	31.616	341.17	26.211	0
"2012-12-27	15:00:00"	3.5083	180.61	48.381	28.633	240.37	26.193	0
"2012-12-27	16:00:00"	3.6487	154.46	50.612	25.935	309.36	26.184	0
"2012-12-27	17:00:00"	5.0959	154.56	53.99	21.856	234.2	26.178	0
"2012-12-27	18:00:00"	3.8221	127.72	52.428	22.65	61.236	26.184	0
"2012-12-27	19:00:00"	6.2199	64.612	43.6	29.996	0.34998	26.196	0
"2012-12-27	20:00:00"	6.4821	87.928	39.974	36.911	0.0973	26.214	0
"2012-12-27	21:00:00"	5.5296	94.481	38.961	38.996	0.0744	26.232	0
"2012-12-27	22:00:00"	2.447	100.72	38.433	40.291	0.08585	26.237	0
"2012-12-27	23:00:00"	2.9416	323.57	37.208	42.581	0.06105	26.267	0
"2012-12-28	00:00:00"	7.6603	277.92	40.896	39.893	0.06338	26.285	0
"2012-12-28	01:00:00"	7.088	282.89	41.84	44.469	0.08755	26.285	0
"2012-12-28	02:00:00"	9.1192	289.27	44.088	42.629	0.07928	26.291	0
"2012-12-28	03:00:00"	8.1561	278.98	42.962	45.656	0.08924	26.294	0
"2012-12-28	04:00:00"	9.0086	284.96	40.981	51.611	0.06677	26.299	0
"2012-12-28	05:00:00"	8.9067	306.12	38.206	56.534	0.09942	26.311	0
"2012-12-28	06:00:00"	10.377	314.01	35.386	60.357	0.07334	26.332	0
"2012-12-28	07:00:00"	11.053	334.26	33.238	57.839	0.0744	26.37	0
"2012-12-28	08:00:00"	12.961	11.717	26.073	66.701	1.709	26.4	0
"2012-12-28	09:00:00"	13.859	12.176	23.107	75.085	93.784	26.444	0
"2012-12-28	10:00:00"	14.19	10.989	25.11	70	270.92	26.477	0
"2012-12-28	11:00:00"	14.068	2.7146	29.49	59.307	437.04	26.491	0
"2012-12-28	12:00:00"	13.327	8.2866	32.97	48.738	556.61	26.494	0
"2012-12-28	13:00:00"	12.422	1.3456	36.368	42.688	615.76	26.471	0
"2012-12-28	14:00:00"	11.142	350.21	39.253	37.655	608	26.459	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-28	15:00:00"	10.801	348.16	41.212	34.514	536.18	26.456	0
"2012-12-28	16:00:00"	9.7667	0.53714	42.731	32.713	402.69	26.456	0
"2012-12-28	17:00:00"	8.4774	15.722	42.685	33.041	231.14	26.471	0
"2012-12-28	18:00:00"	5.6775	46.601	40.97	34.958	65.132	26.483	0
"2012-12-28	19:00:00"	5.0853	90.86	34.782	41.564	0.39301	26.509	0
"2012-12-28	20:00:00"	5.4339	79.667	31.35	46.502	0.10005	26.53	0
"2012-12-28	21:00:00"	5.7732	71.128	27.737	51.481	0.0867	26.542	0
"2012-12-28	22:00:00"	5.9186	62.337	25.116	56.038	0.092	26.556	0
"2012-12-28	23:00:00"	6.3137	48.828	23.794	59.259	0.10239	26.577	0
"2012-12-29	00:00:00"	5.1735	29.064	21.536	63.473	0.08246	26.601	0
"2012-12-29	01:00:00"	4.8597	51.46	21.484	64.811	0.05448	26.609	0
"2012-12-29	02:00:00"	5.2512	34.855	23.18	63.941	0.07313	26.621	0
"2012-12-29	03:00:00"	5.9788	33.448	21.137	66.933	0.08055	26.636	0
"2012-12-29	04:00:00"	5.4202	14.569	20.092	69.974	0.10069	26.669	0
"2012-12-29	05:00:00"	4.3471	3.9581	19.831	71.119	0.07525	26.666	0
"2012-12-29	06:00:00"	4.7504	4.0318	21.86	67.891	0.0973	26.672	0
"2012-12-29	07:00:00"	5.5153	12.714	19.594	71.062	0.08055	26.683	0
"2012-12-29	08:00:00"	2.7775	326.16	20.108	71.646	0.77712	26.725	0
"2012-12-29	09:00:00"	2.5141	340.86	18.088	73.986	51.303	26.731	0
"2012-12-29	10:00:00"	1.9107	317.15	27.77	60.053	213.41	26.754	0
"2012-12-29	11:00:00"	1.6218	285.66	36.366	42.8	364.45	26.769	0
"2012-12-29	12:00:00"	4.367	262.25	40.722	32.64	581.38	26.757	0
"2012-12-29	13:00:00"	4.2906	270.93	42.714	30.044	616.77	26.722	0
"2012-12-29	14:00:00"	6.2932	192.95	44.711	29.487	619.22	26.689	0
"2012-12-29	15:00:00"	8.7265	172.44	46.155	28.701	544.68	26.686	0
"2012-12-29	16:00:00"	8.5196	171.51	47.243	28.04	411.81	26.669	0
"2012-12-29	17:00:00"	9.4747	157.41	47.036	27.953	240.62	26.66	0
"2012-12-29	18:00:00"	9.2659	141.33	44.184	29.863	61.89	26.648	0
"2012-12-29	19:00:00"	6.1572	129.15	38.114	35.183	0.3114	26.674	0
"2012-12-29	20:00:00"	7.4328	122.25	35.566	37.31	0.07356	26.666	0
"2012-12-29	21:00:00"	7.1321	120.43	33.759	39.252	0.06783	26.666	0
"2012-12-29	22:00:00"	7.193	131	31.976	41.607	0.06847	26.663	0
"2012-12-29	23:00:00"	6.1634	134.2	31.39	42.425	0.08903	26.66	0
"2012-12-30	00:00:00"	5.2667	120.25	29.854	44.333	0.08055	26.651	0
"2012-12-30	01:00:00"	6.8487	125.91	30.215	43.736	0.05533	26.63	0
"2012-12-30	02:00:00"	8.8291	131.46	31.755	41.259	0.07822	26.598	0
"2012-12-30	03:00:00"	7.943	125.26	30.544	43.119	0.10769	26.592	0
"2012-12-30	04:00:00"	6.1814	100.64	28.876	46.047	0.10366	26.58	0
"2012-12-30	05:00:00"	6.1267	104.9	28.326	47.879	0.0672	26.562	0
"2012-12-30	06:00:00"	5.7396	87.609	27.44	50.452	0.07568	26.55	0
"2012-12-30	07:00:00"	5.7881	83.161	27.554	52.641	0.08988	26.553	0
"2012-12-30	08:00:00"	5.0791	85.978	28.566	52.674	0.21982	26.562	0
"2012-12-30	09:00:00"	7.7758	128.84	32.366	46.623	24.229	26.565	0
"2012-12-30	10:00:00"	10.825	163.95	35.922	40.685	92.633	26.565	0
"2012-12-30	11:00:00"	12.465	167.29	36.726	38.798	98.409	26.547	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2012-12-30	12:00:00"	12.31	174.19	37.947	36.874	120.99	26.547	0
"2012-12-30	13:00:00"	11.517	180.78	39.131	35.704	126.53	26.506	0
"2012-12-30	14:00:00"	11.964	172.99	40.32	34.588	153.2	26.456	0
"2012-12-30	15:00:00"	11.079	167.08	41.013	33.974	122.64	26.453	0
"2012-12-30	16:00:00"	9.507	168.48	41.753	33.567	112.76	26.426	0
"2012-12-30	17:00:00"	8.5476	152.96	43.045	33.602	100.69	26.42	0
"2012-12-30	18:00:00"	8.844	147.43	42.664	38.001	14.869	26.412	0
"2012-12-30	19:00:00"	7.7771	151.85	41.356	41.275	0.09921	26.42	0
"2012-12-30	20:00:00"	9.0068	146.17	39.589	44.059	0.06126	26.418	0
"2012-12-30	21:00:00"	11.286	119.21	36.135	65.167	0.06487	26.397	0
"2012-12-30	22:00:00"	10.82	156.63	34.159	77.133	0.06487	26.423	0
"2012-12-30	23:00:00"	7.3092	199.2	32.858	87.719	0.07292	26.426	0
"2012-12-31	00:00:00"	3.791	187.36	32.75	90.237	0.0725	26.406	0
"2012-12-31	01:00:00"	8.0573	233.56	33.271	91.051	0.06614	26.403	0
"2012-12-31	02:00:00"	4.2719	108.2	33.836	91.596	0.06656	26.35	0
"2012-12-31	03:00:00"	4.2322	116.49	34.143	90.714	0.09179	26.347	0
"2012-12-31	04:00:00"	3.6077	171.24	34.38	90.772	0.09179	26.353	0
"2012-12-31	05:00:00"	3.1671	204.11	34.916	90.44	0.08204	26.361	0
"2012-12-31	06:00:00"	2.8968	206.8	34.295	91.032	0.08585	26.35	0
"2012-12-31	07:00:00"	3.3697	222.25	32.823	91.263	0.08013	26.367	0
"2012-12-31	08:00:00"	2.519	225.6	31.823	91.89	0.96069	26.382	0
"2012-12-31	09:00:00"	3.2119	232.06	31.72	92.374	116.74	26.397	0
"2012-12-31	10:00:00"	7.2589	233.57	37.314	85.418	297.9	26.418	0
"2012-12-31	11:00:00"	14.953	270.2	45.386	61.456	443.08	26.418	0
"2012-12-31	12:00:00"	17.782	265.95	50.36	45.252	540.92	26.412	0
"2012-12-31	13:00:00"	20.131	257.14	51.181	40.896	614.81	26.397	0
"2012-12-31	14:00:00"	18.743	258.52	51.073	41.426	502.13	26.37	0
"2012-12-31	15:00:00"	19.578	258.57	51.854	38.158	430.65	26.364	0
"2012-12-31	16:00:00"	19.145	259.6	52.324	35.127	342.85	26.376	0
"2012-12-31	17:00:00"	18.947	262.3	51.573	34.809	195.67	26.388	0
"2012-12-31	18:00:00"	17.743	262.11	50.558	34.623	92.075	26.4	0
"2012-12-31	19:00:00"	9.1491	282.21	46.584	41.687	1.1445	26.409	0
"2012-12-31	20:00:00"	8.547	286.81	43.944	48.552	0.09221	26.415	0
"2012-12-31	21:00:00"	11.983	290.97	44.064	48.02	0.05511	26.42	0
"2012-12-31	22:00:00"	9.5797	288.6	44.142	48.622	0.07652	26.438	0
"2012-12-31	23:00:00"	6.2261	276.37	43.952	48.014	0.05384	26.459	0
"2013-01-01	00:00:00"	3.0864	261.52	42.228	51.955	0.08394	26.468	0
"2013-01-01	01:00:00"	3.5928	271.41	41.198	56.161	0.06699	26.474	0
"2013-01-01	02:00:00"	5.3376	274.23	40.751	57.034	0.08013	26.474	0
"2013-01-01	03:00:00"	6.31	280.85	38.752	60.807	0.06381	26.494	0
"2013-01-01	04:00:00"	4.1396	303.2	35.995	64.543	0.09666	26.509	0
"2013-01-01	05:00:00"	5.8042	31.317	30.92	78.637	0.05935	26.521	0
"2013-01-01	06:00:00"	6.6101	41.167	28.649	91.111	0.06105	26.527	0
"2013-01-01	07:00:00"	8.9247	29.768	28.125	91.843	0.0725	26.542	0
"2013-01-01	08:00:00"	11.606	6.1032	27.309	91.812	0.48904	26.58	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-01	09:00:00"	9.1832	358.89	27.149	91.912	25.311	26.595	0
"2013-01-01	10:00:00"	11.468	22.883	27.794	91.588	134.01	26.621	0
"2013-01-01	11:00:00"	11.731	5.1951	29.085	89.936	361.45	26.633	0
"2013-01-01	12:00:00"	7.3129	6.5223	34.162	73.449	560.74	26.618	0
"2013-01-01	13:00:00"	10.461	352.75	39.323	52.455	627.05	26.586	0
"2013-01-01	14:00:00"	9.653	336.7	42.122	44.723	560	26.568	0
"2013-01-01	15:00:00"	9.2106	332.45	43.324	42.097	522.86	26.547	0
"2013-01-01	16:00:00"	7.4546	353.78	43.821	42.498	361.38	0	0
"2013-01-01	17:00:00"	7.6733	35.39	42.788	44.995	167.54	26.556	0
"2013-01-01	18:00:00"	7.3869	63.322	40.204	50.126	41.105	26.562	0
"2013-01-01	19:00:00"	6.6816	71.854	35.982	58.66	0.3786	26.574	0
"2013-01-01	20:00:00"	6.6984	77.148	33.749	63.372	0.07419	26.592	0
"2013-01-01	21:00:00"	7.4639	66.397	32.105	68.216	0.06359	26.592	0
"2013-01-01	22:00:00"	8.404	64.731	31.828	68.902	0.09348	26.592	0
"2013-01-01	23:00:00"	7.9759	63.657	30.589	73.458	0.06783	26.604	0
"2013-01-02	00:00:00"	7.4801	66.007	29.742	75.881	0.08098	26.601	0
"2013-01-02	01:00:00"	5.3699	68.753	28.342	79.218	0.09348	26.609	0
"2013-01-02	02:00:00"	4.3322	65.122	27.475	81.167	0.09136	26.615	0
"2013-01-02	03:00:00"	5.0971	50.074	26.444	83.703	0.08734	26.615	0
"2013-01-02	04:00:00"	4.6851	68.173	25.805	83.597	0.10133	26.609	0
"2013-01-02	05:00:00"	3.4107	50.522	24.854	83.644	0.09009	26.607	0
"2013-01-02	06:00:00"	4.9132	55.226	24.681	81.551	0.08755	26.612	0
"2013-01-02	07:00:00"	4.3788	50.06	22.637	85.745	0.07568	26.615	0
"2013-01-02	08:00:00"	6.3889	22.965	21.812	87.088	0.90134	26.633	0
"2013-01-02	09:00:00"	5.5849	21.726	23.499	86.845	55.506	26.645	0
"2013-01-02	10:00:00"	4.2551	5.354	29.046	75.977	265.3	26.66	0
"2013-01-02	11:00:00"	2.8745	281.54	34.195	61.098	430.48	26.654	0
"2013-01-02	12:00:00"	5.2183	249.64	37.671	54.375	553.03	26.639	0
"2013-01-02	13:00:00"	4.5789	296.19	40.801	50.552	611.66	26.607	0
"2013-01-02	14:00:00"	4.4447	312.62	43.439	45.789	607.47	26.577	0
"2013-01-02	15:00:00"	4.0725	297.81	45.359	39.427	541.42	26.562	0
"2013-01-02	16:00:00"	3.3672	236.89	46.611	36.911	413.5	26.559	0
"2013-01-02	17:00:00"	3.2945	247.29	46.933	36.453	243.22	26.556	0
"2013-01-02	18:00:00"	2.3357	228.12	45.798	38.437	71.401	26.565	0
"2013-01-02	19:00:00"	3.7879	48.931	41.998	43.634	0.63509	26.577	0
"2013-01-02	20:00:00"	6.0814	42.096	36.039	56.4	0.05363	26.601	0
"2013-01-02	21:00:00"	6.5878	54.399	33.631	62.364	0.05766	26.624	0
"2013-01-02	22:00:00"	7.0246	63.387	32.161	63.862	0.07737	26.645	0
"2013-01-02	23:00:00"	7.7553	48.135	31.627	65.599	0.09751	26.651	0
"2013-01-03	00:00:00"	8.7787	53.768	32.082	64.513	0.08416	26.663	0
"2013-01-03	01:00:00"	8.688	53.19	32.623	64.014	0.09772	26.66	0
"2013-01-03	02:00:00"	9.2764	57.074	32.489	63.999	0.07631	26.669	0
"2013-01-03	03:00:00"	8.9745	68.644	32.648	63.221	0.09709	26.68	0
"2013-01-03	04:00:00"	11.138	62.798	32.731	62.171	0.06805	26.68	0
"2013-01-03	05:00:00"	11.347	68.929	32.701	61.647	0.07525	26.689	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-03	06:00:00"	10.136	74.694	32.032	61.757	0.06508	26.698	0
"2013-01-03	07:00:00"	10.962	68.823	31.119	63.568	0.08458	26.71	0
"2013-01-03	08:00:00"	11.859	61.209	30.571	66.794	0.30377	26.736	0
"2013-01-03	09:00:00"	12.063	60.207	30.259	67.97	15.987	26.757	0
"2013-01-03	10:00:00"	12.785	67.424	30.071	67.543	45.204	26.766	0
"2013-01-03	11:00:00"	10.422	83.597	30.619	65.516	88.287	26.796	0
"2013-01-03	12:00:00"	9.5797	96.277	31.127	67.016	166.53	26.796	0
"2013-01-03	13:00:00"	8.5699	81.497	30.164	82.234	206.64	26.769	0
"2013-01-03	14:00:00"	9.0764	92.562	30.563	83.174	160.02	26.745	0
"2013-01-03	15:00:00"	9.9718	104.97	30.578	80.219	138.07	26.739	0
"2013-01-03	16:00:00"	8.9571	86.227	29.864	84.618	95.86	26.739	0
"2013-01-03	17:00:00"	8.6687	82.238	29.428	88.566	96.767	26.719	0
"2013-01-03	18:00:00"	7.4192	76.613	29.356	86.427	12.577	26.751	0
"2013-01-03	19:00:00"	6.2734	51.716	29.299	86.342	0.12655	26.748	0
"2013-01-03	20:00:00"	4.1278	105.79	29.36	86.166	0.1151	26.769	0
"2013-01-03	21:00:00"	3.7326	120.63	28.624	90.267	0.08182	26.772	0
"2013-01-03	22:00:00"	4.9095	101.19	28.28	91.264	0.05914	26.769	0
"2013-01-03	23:00:00"	4.6659	94.658	28.041	91.445	0.06593	26.769	0
"2013-01-04	00:00:00"	3.3709	101.12	27.85	91.754	0.07886	26.772	0
"2013-01-04	01:00:00"	2.8304	80.591	27.654	91.846	0.08098	26.775	0
"2013-01-04	02:00:00"	2.1767	49.754	27.502	91.67	0.07398	26.763	0
"2013-01-04	03:00:00"	2.5458	56.618	27.449	91.833	0.08352	26.757	0
"2013-01-04	04:00:00"	2.9329	78.043	26.984	91.771	0.0831	26.757	0
"2013-01-04	05:00:00"	2.3923	67.383	26.924	91.988	0.06911	26.754	0
"2013-01-04	06:00:00"	1.7821	77.281	26.809	91.868	0.07843	26.751	0
"2013-01-04	07:00:00"	2.0275	70.741	26.675	91.94	0.09836	26.751	0
"2013-01-04	08:00:00"	2.5663	80.739	26.69	91.981	0.73726	26.745	0
"2013-01-04	09:00:00"	1.2713	111.01	27.223	92.039	21.285	26.763	0
"2013-01-04	10:00:00"	3.2939	111.2	28.444	90.811	81.427	26.775	0
"2013-01-04	11:00:00"	4.838	159.02	28.829	88.594	98.315	26.784	0
"2013-01-04	12:00:00"	6.4113	163.69	29.112	88.898	163.89	26.76	0
"2013-01-04	13:00:00"	5.8844	190.55	29.709	86.047	191.26	26.719	0
"2013-01-04	14:00:00"	6.461	210.84	29.906	84.603	197.47	26.695	0
"2013-01-04	15:00:00"	5.7054	220.31	29.972	85.562	222.7	26.674	0
"2013-01-04	16:00:00"	6.1777	213.43	30.052	85.835	123.42	26.674	0
"2013-01-04	17:00:00"	6.1367	207.12	30.28	86.649	108.5	26.669	0
"2013-01-04	18:00:00"	5.7812	198.18	29.995	87.699	31.335	26.657	0
"2013-01-04	19:00:00"	5.6694	201.59	29.824	86.355	0.59651	26.669	0
"2013-01-04	20:00:00"	7.4428	209.61	29.677	85.63	0.06529	26.666	0
"2013-01-04	21:00:00"	7.8871	205.9	29.626	86.775	0.0778	26.669	0
"2013-01-04	22:00:00"	6.4417	210.88	28.898	86.664	0.10048	26.663	0
"2013-01-04	23:00:00"	6.9724	206.85	28.218	90.018	0.08055	26.654	0
"2013-01-05	00:00:00"	8.2276	212.49	28.024	90.84	0.0619	26.648	0
"2013-01-05	01:00:00"	8.2189	219.65	27.204	91.945	0.07864	26.63	0
"2013-01-05	02:00:00"	14.723	229.44	26.11	91.758	0.0725	26.633	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-05	03:00:00"	17.802	22.493	26.383	91.957	0.08055	26.615	0
"2013-01-05	04:00:00"	15.714	275.77	26.034	91.656	0.06487	26.618	0
"2013-01-05	05:00:00"	9.3082	227.56	24.606	90.819	0.08564	0	0
"2013-01-05	06:00:00"	11.462	261.63	23.019	90.536	0.07864	26.598	0
"2013-01-05	07:00:00"	9.2653	241.57	21.014	89.354	0.09369	26.607	0
"2013-01-05	08:00:00"	6.1385	231.5	19.926	89.445	1.8139	0	0
"2013-01-05	09:00:00"	3.2038	255.97	19.355	89.476	104.96	26.639	0
"2013-01-05	10:00:00"	9.7543	242.73	25.658	91.084	282.82	26.648	0
"2013-01-05	11:00:00"	9.4218	278.5	31.533	89.831	447.31	26.657	0
"2013-01-05	12:00:00"	6.3224	291.97	36.358	76.374	566.97	26.645	0
"2013-01-05	13:00:00"	5.6228	294.51	42.944	55.368	625.97	26.624	0
"2013-01-05	14:00:00"	4.5068	263.62	46.719	46.463	620.15	26.607	0
"2013-01-05	15:00:00"	4.2359	245.88	49.46	42.095	550.47	26.604	0
"2013-01-05	16:00:00"	5.5178	247.97	51.299	38.554	423.66	26.612	0
"2013-01-05	17:00:00"	5.6029	271.95	52.055	35.829	254.78	26.618	0
"2013-01-05	18:00:00"	4.2551	272.02	50.392	41.818	83.246	26.63	0
"2013-01-05	19:00:00"	2.2382	330.71	45.569	47.401	0.89752	26.648	0
"2013-01-05	20:00:00"	3.0155	345.68	41.688	51.784	0.08755	26.666	0
"2013-01-05	21:00:00"	4.2085	327.11	39.565	62.799	0.07801	26.677	0
"2013-01-05	22:00:00"	4.9722	330.4	36.943	73.517	0.06614	26.701	0
"2013-01-05	23:00:00"	8.0766	20.605	35.056	64.853	0.07504	26.713	0
"2013-01-06	00:00:00"	9.5001	22.956	33.567	61.905	0.0956	26.728	0
"2013-01-06	01:00:00"	8.8607	20.336	31.275	66.278	0.07822	26.734	0
"2013-01-06	02:00:00"	9.5902	20.711	29.356	70.551	0.09306	26.736	0
"2013-01-06	03:00:00"	9.5418	24.064	28.408	72.229	0.08225	26.739	0
"2013-01-06	04:00:00"	9.9544	24.848	27.923	74.793	0.07949	26.745	0
"2013-01-06	05:00:00"	10.954	20.732	27.221	75.219	0.10069	26.748	0
"2013-01-06	06:00:00"	11.118	25.773	26.684	76.527	0.08585	26.751	0
"2013-01-06	07:00:00"	10.461	25.99	26.383	76.777	0.0602	26.766	0
"2013-01-06	08:00:00"	8.4003	18.675	24.987	79.123	1.9869	26.784	0
"2013-01-06	09:00:00"	9.3933	26.873	26.773	75.355	98.031	26.796	0
"2013-01-06	10:00:00"	9.2932	49.505	33.392	62.563	275.54	26.813	0
"2013-01-06	11:00:00"	7.4204	73.062	37.521	54.531	444.07	26.816	0
"2013-01-06	12:00:00"	6.3796	114.07	41.36	47.803	567.35	26.796	0
"2013-01-06	13:00:00"	7.275	152.74	43.771	42.668	630.31	26.76	0
"2013-01-06	14:00:00"	6.0012	187.83	45.613	38.954	627.5	26.725	0
"2013-01-06	15:00:00"	6.3939	205.24	47.224	37.281	559.43	26.704	0
"2013-01-06	16:00:00"	5.0008	187.69	48.396	34.771	431.92	26.686	0
"2013-01-06	17:00:00"	5.3065	178.59	48.321	35.727	260.69	26.677	0
"2013-01-06	18:00:00"	4.3707	166.71	46.318	39.141	72.666	26.674	0
"2013-01-06	19:00:00"	2.5656	150.6	40.325	48.73	0.51341	26.672	0
"2013-01-06	20:00:00"	2.5346	146.53	38.826	49.704	0.07864	26.674	0
"2013-01-06	21:00:00"	3.0205	135.68	37.966	49.95	0.0761	26.672	0
"2013-01-06	22:00:00"	4.5484	134.39	37.969	49.901	0.06147	26.657	0
"2013-01-06	23:00:00"	5.4202	103.84	34.978	57.428	0.06741	26.645	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-07	00:00:00"	6.0031	122.16	34.773	55.802	0.07716	26.624	0
"2013-01-07	01:00:00"	6.6226	134.06	35.424	55.775	0.08458	26.627	0
"2013-01-07	02:00:00"	5.5768	133.23	34.471	60.977	0.08055	26.598	0
"2013-01-07	03:00:00"	6.2889	124.17	33.751	62.317	0.08225	26.592	0
"2013-01-07	04:00:00"	7.6919	130.59	33.291	64.61	0.07864	26.568	0
"2013-01-07	05:00:00"	7.4446	115.84	33.164	65.205	0.07758	26.55	0
"2013-01-07	06:00:00"	5.7763	87.966	30.668	72.061	0.0973	26.533	0
"2013-01-07	07:00:00"	8.8483	117.68	31.113	71.372	0.06211	26.53	0
"2013-01-07	08:00:00"	8.7831	110.01	30.94	72.414	0.43392	26.527	0
"2013-01-07	09:00:00"	5.4053	86.992	30.913	73.066	34.876	26.547	0
"2013-01-07	10:00:00"	7.4937	107.64	33.018	70.328	128.38	26.556	0
"2013-01-07	11:00:00"	9.9941	136.82	38.121	60.007	332.9	26.539	0.03
"2013-01-07	12:00:00"	12.215	166.68	43.387	51.053	529.94	26.527	0
"2013-01-07	13:00:00"	12.336	164.02	45.62	46.044	509.63	26.48	0
"2013-01-07	14:00:00"	10.729	138.14	47.224	43.491	586.36	26.429	0
"2013-01-07	15:00:00"	11.097	137.72	49.436	39.11	533.96	26.426	0
"2013-01-07	16:00:00"	10.102	138.55	50.529	36.354	411.5	26.409	0
"2013-01-07	17:00:00"	11.016	134.18	49.952	36.702	257.85	26.409	0
"2013-01-07	18:00:00"	7.9486	128.12	47.629	40.291	67.656	26.412	0
"2013-01-07	19:00:00"	6.0671	112.99	42.961	50.051	0.64103	26.412	0
"2013-01-07	20:00:00"	5.2083	97.637	40.365	55.923	0.06508	26.426	0
"2013-01-07	21:00:00"	5.5047	112.92	38.363	60.554	0.07589	26.418	0
"2013-01-07	22:00:00"	4.5043	93.798	35.883	65.735	0.08479	26.418	0
"2013-01-07	23:00:00"	5.7893	77.178	34.089	69.113	0.06932	26.403	0
"2013-01-08	00:00:00"	6.4542	77.209	32.713	72.127	0.06826	26.397	0
"2013-01-08	01:00:00"	5.9608	46.218	30.187	77.862	0.07864	26.385	0
"2013-01-08	02:00:00"	6.4828	38.048	29.162	80.361	0.07101	26.382	0
"2013-01-08	03:00:00"	6.4908	53.234	28.633	82.18	0.06699	26.379	0
"2013-01-08	04:00:00"	6.0963	60.867	28.238	83.263	0.0619	26.37	0
"2013-01-08	05:00:00"	5.8048	44.794	29.196	83.767	0.06614	26.358	0
"2013-01-08	06:00:00"	5.3618	40.016	29.891	85.177	0.07843	26.361	0
"2013-01-08	07:00:00"	5.8179	58.843	31.494	84.016	0.08882	26.367	0
"2013-01-08	08:00:00"	5.6824	57.441	32.152	83.617	0.39216	26.391	0
"2013-01-08	09:00:00"	5.1853	36.315	32.701	83.545	14.649	26.415	0
"2013-01-08	10:00:00"	5.2307	33.867	33.728	82.064	49.188	26.423	0
"2013-01-08	11:00:00"	5.647	41.83	35.79	79.506	108.08	26.42	0
"2013-01-08	12:00:00"	5.0635	45.847	37.955	76.386	143.17	26.415	0
"2013-01-08	13:00:00"	2.9994	57.84	39.601	73.971	163.89	26.394	0
"2013-01-08	14:00:00"	3.0348	115.52	41.004	73.076	189.05	26.373	0
"2013-01-08	15:00:00"	3.699	194.86	41.957	72.783	156.06	26.358	0
"2013-01-08	16:00:00"	5.729	141.04	42.096	74.618	142.15	26.376	0
"2013-01-08	17:00:00"	4.9418	138.84	42.331	75.509	135.89	26.388	0
"2013-01-08	18:00:00"	5.7893	123.2	42.258	78.106	14.52	26.4	0
"2013-01-08	19:00:00"	2.8608	92.722	42.118	79.742	0.35252	26.403	0
"2013-01-08	20:00:00"	5.1605	21.557	41.731	81.068	0.085	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-08	21:00:00"	8.675	25.984	41.716	81.654	0.08267	26.438	0
"2013-01-08	22:00:00"	8.409	24.43	42.501	80.668	0.07907	26.462	0
"2013-01-08	23:00:00"	6.5965	30.796	42.564	79.914	0.0619	26.494	0
"2013-01-09	00:00:00"	6.942	31.588	42.508	79.703	0.06063	26.497	0
"2013-01-09	01:00:00"	7.8746	32.86	42.75	79.758	0.07864	26.515	0
"2013-01-09	02:00:00"	11.42	15.089	42.193	80.503	0.07568	26.521	0
"2013-01-09	03:00:00"	10.479	13.724	41.852	81.003	0.08373	26.518	0
"2013-01-09	04:00:00"	10.079	5.2783	40.907	81.153	0.08458	26.536	0
"2013-01-09	05:00:00"	13.414	4.5494	40.182	80.659	0.07504	26.53	0
"2013-01-09	06:00:00"	14.463	6.4027	38.768	77.541	0.08882	26.556	0
"2013-01-09	07:00:00"	14.553	7.6889	38.176	77.699	0.07716	26.562	0
"2013-01-09	08:00:00"	14.209	19.601	38.036	74.381	0.1416	26.607	0
"2013-01-09	09:00:00"	13.679	14.544	37.071	77.189	8.9233	26.636	0
"2013-01-09	10:00:00"	14.431	20.759	36.608	88.746	42.996	26.651	0.05
"2013-01-09	11:00:00"	16.877	21.336	37.866	87.353	78.535	26.63	0.06
"2013-01-09	12:00:00"	17.264	17.425	39.095	82.054	96.258	26.601	0.01
"2013-01-09	13:00:00"	17.971	20.464	39.572	79.657	106.85	26.562	0.01
"2013-01-09	14:00:00"	15.523	22.483	39.14	82.14	72.8	26.542	0.06
"2013-01-09	15:00:00"	14.753	16.407	39.596	82.023	74.876	26.503	0.08
"2013-01-09	16:00:00"	17.798	8.3435	39.941	82.125	48.484	26.48	0.06
"2013-01-09	17:00:00"	21.505	3.4937	40.184	81.232	31.208	26.441	0.05
"2013-01-09	18:00:00"	22.929	5.0705	40.429	82.32	4.3257	26.423	0.12
"2013-01-09	19:00:00"	21.414	7.2417	39.991	86.709	0.08903	26.42	0.26
"2013-01-09	20:00:00"	15.019	36.674	39.464	91.816	0.09115	26.471	0.22
"2013-01-09	21:00:00"	15.798	26.678	39.143	90.127	0.08924	26.456	0.03
"2013-01-09	22:00:00"	13.251	18.146	39.246	90.514	0.0778	26.459	0
"2013-01-09	23:00:00"	11.321	15.031	39.267	91.628	0.08458	26.45	0.01
"2013-01-10	00:00:00"	10.93	14.083	39.472	92.419	0.0619	26.462	0.01
"2013-01-10	01:00:00"	9.5822	12.639	39.71	92.407	0.07758	26.456	0
"2013-01-10	02:00:00"	8.6924	14.202	39.861	92.804	0.06041	26.444	0
"2013-01-10	03:00:00"	8.706	7.1309	39.92	92.555	0.07907	26.429	0
"2013-01-10	04:00:00"	7.5055	322.42	39.776	92.493	0.07292	26.418	0
"2013-01-10	05:00:00"	7.6901	330.46	39.569	91.814	0.07737	26.415	0
"2013-01-10	06:00:00"	8.1704	322.93	39.524	91.493	0.07123	26.42	0
"2013-01-10	07:00:00"	7.9697	311.35	38.851	92.41	0.06529	26.42	0.01
"2013-01-10	08:00:00"	5.8198	290.43	38.672	92.739	0.81654	26.45	0
"2013-01-10	09:00:00"	4.8653	297.61	38.971	91.449	65.754	26.447	0
"2013-01-10	10:00:00"	7.4571	308.8	40.627	87.47	236.04	26.453	0
"2013-01-10	11:00:00"	7.5372	294.59	41.376	85.461	295.57	26.45	0
"2013-01-10	12:00:00"	8.3419	271.74	43.958	78.496	386.26	26.426	0
"2013-01-10	13:00:00"	10.674	250.18	47.054	73.322	542.99	26.385	0
"2013-01-10	14:00:00"	12.996	243.44	49.333	68.639	592.57	26.37	0
"2013-01-10	15:00:00"	12.609	243.94	51.726	59.896	569.82	26.356	0
"2013-01-10	16:00:00"	13.332	231.24	53.503	52.763	375	26.353	0
"2013-01-10	17:00:00"	9.5784	229.04	53.623	49.743	158.44	26.341	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-10	18:00:00"	5.7974	205.79	51.72	57.668	29.305	26.323	0
"2013-01-10	19:00:00"	6.2106	189.43	48.674	63.899	1.2515	26.332	0
"2013-01-10	20:00:00"	8.6203	187.65	46.918	67.859	0.07674	26.326	0
"2013-01-10	21:00:00"	11.949	201.29	47.668	63.986	0.06995	26.335	0
"2013-01-10	22:00:00"	9.9711	200.81	45.195	67.693	0.05511	26.341	0
"2013-01-10	23:00:00"	5.9148	203.69	42.628	72.885	0.0602	26.329	0
"2013-01-11	00:00:00"	2.9944	192.31	41.469	77.184	0.06762	26.323	0
"2013-01-11	01:00:00"	6.4394	182.08	41.655	79.737	0.06807	26.294	0
"2013-01-11	02:00:00"	5.3966	205.79	39.421	84.183	0.06783	26.288	0
"2013-01-11	03:00:00"	8.2325	189.69	40.571	82.791	0.05978	26.279	0
"2013-01-11	04:00:00"	10.427	177.48	40.63	82.877	0.08522	26.258	0
"2013-01-11	05:00:00"	5.1431	195.27	40.071	84.652	0.0973	26.234	0
"2013-01-11	06:00:00"	4.733	198.7	39.247	88.501	0.08352	26.226	0
"2013-01-11	07:00:00"	3.0665	231.78	38.583	90.316	0.06232	26.237	0
"2013-01-11	08:00:00"	5.0778	183.17	39.269	90.545	0.78856	26.237	0
"2013-01-11	09:00:00"	4.0619	198.09	40.184	89.449	51.174	26.255	0
"2013-01-11	10:00:00"	9.2671	187.73	44.497	81.495	178.48	26.267	0
"2013-01-11	11:00:00"	12.179	202.99	52.063	61.572	394.71	26.267	0
"2013-01-11	12:00:00"	14.35	212	55.444	50.157	325.06	26.243	0
"2013-01-11	13:00:00"	14.495	214.7	57.099	45.803	438.21	26.22	0
"2013-01-11	14:00:00"	16.808	212.4	59.383	40.226	439.84	26.199	0
"2013-01-11	15:00:00"	18.789	200.41	62.121	34.114	497.45	26.202	0
"2013-01-11	16:00:00"	18.485	220.62	64.776	28.059	424.26	26.196	0
"2013-01-11	17:00:00"	15.858	219.45	63.976	26.302	176.44	26.199	0
"2013-01-11	18:00:00"	10.179	224.42	61.881	29.155	80.073	26.217	0
"2013-01-11	19:00:00"	11.288	301.45	54.37	38.055	5.1329	26.237	0
"2013-01-11	20:00:00"	8.8806	305.72	50.639	41.917	0.06847	26.246	0
"2013-01-11	21:00:00"	11.294	308.5	49.577	41.553	0.06571	26.255	0
"2013-01-11	22:00:00"	9.6778	303.03	48.512	43.139	0.06338	26.264	0
"2013-01-11	23:00:00"	8.8173	313.15	46.466	46.183	0.08861	26.255	0
"2013-01-12	00:00:00"	8.5227	326.79	45.922	46.898	0.07886	26.291	0
"2013-01-12	00:00:00"	9.8425	16	44.78	51.5	0	26.291	0
"2013-01-12	01:00:00"	13.995	22.947	41.934	40.996	0.0761	26.302	0
"2013-01-12	02:00:00"	11.334	27.646	38.908	37.425	0.06974	26.308	0
"2013-01-12	03:00:00"	11.118	18.166	37.422	40.089	0.06423	26.302	0
"2013-01-12	04:00:00"	13.788	20.525	36.58	35.163	0.06571	26.302	0
"2013-01-12	05:00:00"	9.8636	22.496	35.226	36.353	0.07737	26.294	0
"2013-01-12	06:00:00"	9.187	22.699	34.364	38.547	0.07229	26.296	0
"2013-01-12	07:00:00"	7.8541	14.493	33.052	44.989	0.07652	26.302	0
"2013-01-12	08:00:00"	8.1275	13.174	31.431	49.893	0.71903	26.308	0
"2013-01-12	09:00:00"	8.1611	358.57	31.117	51.538	63.695	26.338	0
"2013-01-12	10:00:00"	10.987	359.54	35.794	39.463	269.92	26.364	0
"2013-01-12	11:00:00"	10.527	9.6599	38.406	35.023	367.58	26.356	0
"2013-01-12	12:00:00"	9.1609	10.636	40.96	29.612	426.04	26.356	0
"2013-01-12	13:00:00"	10.294	326.37	41.059	32.81	422.14	26.344	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-12	14:00:00"	12.034	313.19	42.738	32.655	641.45	26.296	0
"2013-01-12	15:00:00"	7.4229	296.94	44.217	38.22	560.49	26.285	0
"2013-01-12	16:00:00"	7.7243	296.08	45.141	36.204	450.93	26.296	0
"2013-01-12	17:00:00"	8.7557	258.61	45.474	33.402	268.66	26.308	0
"2013-01-12	18:00:00"	4.7796	281.14	44.713	33.8	98.373	26.308	0
"2013-01-12	19:00:00"	2.8235	24.405	41.554	38.246	2.0414	26.305	0
"2013-01-12	20:00:00"	4.1054	12.139	36.015	52.017	0.08098	26.326	0
"2013-01-12	21:00:00"	2.749	1.3115	34.506	53.845	0.08055	26.347	0
"2013-01-12	22:00:00"	1.6553	275.95	34.975	51.899	0.08479	26.373	0
"2013-01-12	23:00:00"	7.3887	276.4	35.147	40.362	0.07801	26.397	0
"2013-01-13	00:00:00"	6.0876	274.72	34.302	36.78	0.08797	26.403	0
"2013-01-13	01:00:00"	3.5362	269.47	30.743	48.206	0.07949	26.418	0
"2013-01-13	02:00:00"	8.6476	84.577	27.612	79.273	0.06889	26.432	0
"2013-01-13	03:00:00"	7.0296	72.806	24.515	85.408	0.06741	26.45	0
"2013-01-13	04:00:00"	9.3752	61.03	23.072	84.765	0.08013	26.483	0
"2013-01-13	05:00:00"	9.1938	48.704	22.134	82.268	0.07419	26.477	0
"2013-01-13	06:00:00"	6.1491	59.825	20.51	83.132	0.07822	26.488	0
"2013-01-13	07:00:00"	5.6396	46.041	19.064	85.322	0.08204	26.521	0
"2013-01-13	08:00:00"	6.0416	51.122	19.9	86.193	1.4474	26.55	0
"2013-01-13	09:00:00"	5.634	51.49	22.418	84.685	76.828	26.562	0
"2013-01-13	10:00:00"	8.7626	42.389	27.032	72.63	278.16	26.574	0
"2013-01-13	11:00:00"	8.2661	65.432	29.068	65.441	461.54	26.568	0
"2013-01-13	12:00:00"	7.5602	62.354	30.352	60.045	582.26	26.542	0
"2013-01-13	13:00:00"	5.442	67.073	32.618	52.131	647.53	26.515	0
"2013-01-13	14:00:00"	4.9573	121.72	34.97	47.102	651.08	26.488	0
"2013-01-13	15:00:00"	6.8127	97.687	36.464	40.448	586.2	26.474	0
"2013-01-13	16:00:00"	7.8628	102.73	37.178	37.612	453.28	26.477	0
"2013-01-13	17:00:00"	9.5144	106.54	37.119	36.234	292.63	26.474	0
"2013-01-13	18:00:00"	9.1348	101.92	35.533	39.628	109.52	26.485	0
"2013-01-13	19:00:00"	6.1534	96.802	31.368	52.904	2.7712	26.494	0
"2013-01-13	20:00:00"	5.8633	84.604	27.407	64.241	0.07377	26.488	0
"2013-01-13	21:00:00"	6.7338	83.117	25.391	73.247	0.06932	26.503	0
"2013-01-13	22:00:00"	7.7336	89.268	25.782	73.223	0.07631	26.518	0
"2013-01-13	23:00:00"	9.3044	86.133	24.965	73.384	0.10387	26.521	0
"2013-01-14	00:00:00"	10.422	83.617	23.572	75.405	0.07928	26.524	0
"2013-01-14	01:00:00"	10.378	78.771	22.394	75.771	0.07313	26.539	0
"2013-01-14	02:00:00"	10.956	77.354	22.291	73.811	0.08543	26.55	0
"2013-01-14	03:00:00"	13.466	84.682	23.305	67.745	0.07716	26.556	0
"2013-01-14	04:00:00"	12.586	83.209	23.443	66.936	0.09158	26.559	0
"2013-01-14	05:00:00"	12.507	85.723	22.33	65.743	0.0778	26.545	0
"2013-01-14	06:00:00"	10.821	72.997	20.704	69.127	0.0903	26.536	0
"2013-01-14	07:00:00"	10.276	70.303	19.503	72.354	0.08946	26.547	0
"2013-01-14	08:00:00"	11.068	63.483	19.951	71.856	0.43329	26.574	0
"2013-01-14	09:00:00"	12.805	68.328	21.138	66.56	18.525	26.58	0
"2013-01-14	10:00:00"	12.992	69.707	21.84	62.483	67.765	26.583	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-14	11:00:00"	12.948	78.002	22.787	58.135	142.44	26.577	0
"2013-01-14	12:00:00"	12.135	91.618	25.116	50.047	414.43	26.556	0
"2013-01-14	13:00:00"	10.601	100.61	27.4	45.293	401.58	26.527	0
"2013-01-14	14:00:00"	9.7748	107.26	28.818	41.886	363.63	26.5	0
"2013-01-14	15:00:00"	8.4233	94.387	29.976	42.203	301.91	26.494	0
"2013-01-14	16:00:00"	9.2118	85.39	31.074	43.089	273.88	26.491	0
"2013-01-14	17:00:00"	8.8813	88.372	31.748	43.945	158.96	26.512	0
"2013-01-14	18:00:00"	8.821	96.773	31.848	44.83	93.501	26.515	0
"2013-01-14	19:00:00"	5.3519	83.691	28.665	52.422	2.7844	26.521	0
"2013-01-14	20:00:00"	4.3539	55.767	24.628	61.249	0.05384	26.536	0
"2013-01-14	21:00:00"	6.4567	37.256	23.57	63.853	0.10366	26.527	0
"2013-01-14	22:00:00"	7.7274	50.97	23.032	64.548	0.08373	26.521	0
"2013-01-14	23:00:00"	8.5805	44.128	21.399	69.594	0.0761	26.533	0
"2013-01-15	00:00:00"	8.524	37.547	20.562	71.342	0.07907	26.53	0
"2013-01-15	01:00:00"	8.0673	46.597	19.053	74.769	0.07546	26.533	0
"2013-01-15	02:00:00"	8.3388	44.267	18.461	75.839	0.09285	26.527	0
"2013-01-15	03:00:00"	8.9142	34.732	18.368	75.301	0.08331	26.533	0
"2013-01-15	04:00:00"	9.2329	27.875	17.711	76.988	0.07525	26.533	0
"2013-01-15	05:00:00"	9.1478	25.869	17.717	78.265	0.07123	26.539	0
"2013-01-15	06:00:00"	9.3957	28.726	18.303	77.882	0.07271	26.53	0
"2013-01-15	07:00:00"	9.0018	31.42	18.53	76.271	0.0797	26.545	0
"2013-01-15	08:00:00"	8.7048	41.891	19.818	74.194	0.69402	26.559	0
"2013-01-15	09:00:00"	8.4221	43.224	21.668	68.389	29.911	26.595	0
"2013-01-15	10:00:00"	8.094	37.619	23.53	61.004	119.84	26.609	0
"2013-01-15	11:00:00"	6.8326	41.751	25.644	55.514	236.42	26.612	0
"2013-01-15	12:00:00"	4.0277	30.761	28.222	49.336	429.08	26.589	0
"2013-01-15	13:00:00"	2.9913	275.73	31.503	44.915	649.57	26.559	0
"2013-01-15	14:00:00"	3.8923	313.08	33.099	43.097	636.98	26.547	0
"2013-01-15	15:00:00"	6.6499	302.94	33.928	41.678	519.42	26.553	0
"2013-01-15	16:00:00"	6.5604	311.14	34.731	39.793	345.35	26.562	0
"2013-01-15	17:00:00"	6.5225	316.58	34.921	39.28	240.19	26.58	0
"2013-01-15	18:00:00"	7.0581	346.55	34.243	39.152	103.3	26.589	0
"2013-01-15	19:00:00"	4.1414	353.31	29.805	46.903	2.775	26.607	0
"2013-01-15	20:00:00"	4.3148	358.16	27.409	51.059	0.09158	26.618	0
"2013-01-15	21:00:00"	3.1994	325.41	27.533	51.473	0.0708	26.618	0
"2013-01-15	22:00:00"	2.1127	284.83	25.288	58.008	0.07928	26.627	0
"2013-01-15	23:00:00"	3.5698	288.78	24.884	57.649	0.08098	26.63	0
"2013-01-16	00:00:00"	9.1068	313.2	24.948	57.508	0.07801	26.624	0
"2013-01-16	01:00:00"	9.1665	316.96	22.877	58.776	0.08288	26.621	0
"2013-01-16	02:00:00"	8.834	317.67	22.503	59.076	0.0761	26.621	0
"2013-01-16	03:00:00"	7.2533	309.32	21.88	59.701	0.0761	26.627	0
"2013-01-16	04:00:00"	4.6808	284.07	21.054	60.053	0.07886	26.615	0
"2013-01-16	05:00:00"	3.0031	263.14	18.844	64.063	0.07716	26.615	0
"2013-01-16	06:00:00"	3.5723	262.5	19.65	60.172	0.09518	26.618	0
"2013-01-16	07:00:00"	4.5149	278.85	20.041	59.02	0.09285	26.627	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-16	08:00:00"	4.211	272.71	20.9	57.422	2.3055	26.639	0
"2013-01-16	09:00:00"	6.4977	299.12	22.918	54.319	75.198	26.663	0
"2013-01-16	10:00:00"	9.0807	319.94	29.966	43.811	266.88	26.686	0
"2013-01-16	11:00:00"	9.4032	316.45	37.565	33.179	337.55	26.689	0
"2013-01-16	12:00:00"	11.121	327.24	42.934	31.43	479.37	26.677	0
"2013-01-16	13:00:00"	11.412	335.95	46.669	35.476	560.4	26.648	0
"2013-01-16	14:00:00"	12.52	334.48	49.522	35.589	644.05	26.627	0
"2013-01-16	15:00:00"	13.927	345.36	51	33.725	579.72	26.63	0
"2013-01-16	16:00:00"	15.17	343.96	51.57	30.767	456.2	26.639	0
"2013-01-16	17:00:00"	12.458	339.2	51.801	31.648	285.63	26.639	0
"2013-01-16	18:00:00"	8.9235	340.87	50.702	32.761	107.91	26.654	0
"2013-01-16	19:00:00"	5.1692	331.02	46.197	37.096	4.3854	26.677	0
"2013-01-16	20:00:00"	4.5286	337.14	41.996	42.082	0.06465	26.695	0
"2013-01-16	21:00:00"	2.8011	304.91	39.196	47.244	0.06805	26.707	0
"2013-01-16	22:00:00"	2.7893	308.44	36.039	52.898	0.06402	26.722	0
"2013-01-16	23:00:00"	6.049	321.44	35.103	56.211	0.08055	26.736	0
"2013-01-17	00:00:00"	6.2038	329.67	36.658	53.928	0.07165	26.748	0
"2013-01-17	01:00:00"	6.4598	332.29	36.123	53.416	0.0549	26.76	0
"2013-01-17	02:00:00"	5.3469	333.27	36.307	52.777	0.09179	26.775	0
"2013-01-17	03:00:00"	4.851	351.84	34.957	55.343	0.06232	26.781	0
"2013-01-17	04:00:00"	6.658	355.29	34.608	56.261	0.06296	26.781	0
"2013-01-17	05:00:00"	3.6412	330.96	34.054	57.096	0.06783	26.796	0
"2013-01-17	06:00:00"	7.4975	354.05	33.119	59.538	0.0778	26.798	0
"2013-01-17	07:00:00"	5.6507	5.9213	33.445	58.674	0.09581	26.804	0
"2013-01-17	08:00:00"	8.03	18.473	33.306	57.972	2.2415	26.825	0
"2013-01-17	09:00:00"	5.3388	0.53174	35.354	55.364	98.954	26.858	0
"2013-01-17	10:00:00"	6.727	24.726	43.299	45.057	278.62	26.89	0
"2013-01-17	11:00:00"	8.9701	54.929	48.448	39.073	452.08	26.899	0
"2013-01-17	12:00:00"	8.7825	71.743	51.01	36.143	580.69	26.881	0
"2013-01-17	13:00:00"	7.4515	95.153	52.774	32.761	650.26	26.858	0
"2013-01-17	14:00:00"	5.7961	95.033	53.956	30.264	656.65	26.828	0
"2013-01-17	15:00:00"	5.0468	113.24	55.478	27.397	597.17	26.813	0
"2013-01-17	16:00:00"	6.1553	109.17	56.122	26.716	471.61	26.813	0
"2013-01-17	17:00:00"	6.041	114.98	55.893	26.399	297.37	26.819	0
"2013-01-17	18:00:00"	6.0596	130.77	54.469	27.887	112.63	26.825	0
"2013-01-17	19:00:00"	5.442	102.01	48.117	35.496	4.5851	26.828	0
"2013-01-17	20:00:00"	5.7949	91.683	43.805	42.074	0.08267	26.84	0
"2013-01-17	21:00:00"	5.6017	106.08	41.659	47.972	0.0973	26.84	0
"2013-01-17	22:00:00"	6.7692	120.17	41.93	48.197	0.07589	26.849	0
"2013-01-17	23:00:00"	7.2477	116.32	41.481	49.334	0.07483	26.84	0
"2013-01-18	00:00:00"	7.4322	107.66	38.673	54.422	0.0867	26.831	0
"2013-01-18	01:00:00"	6.7307	120.34	38.496	54.681	0.08458	26.825	0
"2013-01-18	02:00:00"	6.7953	127.1	38.245	54.57	0.08564	26.816	0
"2013-01-18	03:00:00"	6.5747	138.17	37.704	56.174	0.08246	26.813	0
"2013-01-18	04:00:00"	5.3599	135.85	36.21	60.684	0.07568	26.784	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-18	05:00:00"	5.3767	130.1	35.419	63.659	0.0744	26.766	0
"2013-01-18	06:00:00"	6.4312	160	35.691	62.832	0.06423	26.754	0
"2013-01-18	07:00:00"	1.9642	237.09	32.252	70.381	0.07038	26.757	0
"2013-01-18	08:00:00"	2.0126	304.06	32.924	70.151	2.3278	26.763	0
"2013-01-18	09:00:00"	2.9546	179.02	36.201	64.476	100.24	26.772	0
"2013-01-18	10:00:00"	8.9409	189	42.431	53.824	282.56	26.775	0
"2013-01-18	11:00:00"	12.838	196.07	48.211	42.447	458.71	26.778	0
"2013-01-18	12:00:00"	14.242	206.48	51.638	36.735	589.12	26.736	0
"2013-01-18	13:00:00"	14.637	198.71	54.906	31.303	659.11	26.695	0
"2013-01-18	14:00:00"	14.748	203.39	56.801	27.431	663.7	26.657	0
"2013-01-18	15:00:00"	13.031	206.83	58.276	25.453	615.07	26.639	0
"2013-01-18	16:00:00"	13.203	210.59	59.107	23.82	487.74	26.63	0
"2013-01-18	17:00:00"	11.76	208.27	58.606	23.928	306.09	26.624	0
"2013-01-18	18:00:00"	9.2211	201.6	56.741	25.781	115.39	26.621	0
"2013-01-18	19:00:00"	5.4103	169.78	49.382	33.286	2.6777	26.621	0
"2013-01-18	20:00:00"	5.3786	167.32	45.218	39.282	0.06423	26.618	0
"2013-01-18	21:00:00"	5.1052	167.83	42.359	44.454	0.07356	26.615	0
"2013-01-18	22:00:00"	6.7673	162.02	41.264	49.74	0.08691	26.609	0
"2013-01-18	23:00:00"	4.5845	188.04	39.544	55.864	0.06826	26.601	0
"2013-01-19	00:00:00"	3.722	196.66	37.606	62.654	0.07017	26.589	0
"2013-01-19	01:00:00"	3.4822	219.01	37.397	66.35	0.0903	26.58	0
"2013-01-19	02:00:00"	2.8459	233.78	35.78	70.132	0.06974	26.571	0
"2013-01-19	03:00:00"	2.3376	235.87	33.564	74.854	0.09094	26.565	0
"2013-01-19	04:00:00"	2.7533	265.8	32.978	76.667	0.07038	26.553	0
"2013-01-19	05:00:00"	3.3374	263.99	31.06	81.052	0.05617	26.545	0
"2013-01-19	06:00:00"	3.438	282.52	32.292	78.931	0.10429	26.55	0
"2013-01-19	07:00:00"	3.8295	264.07	33.924	72.224	0.08267	26.559	0
"2013-01-19	08:00:00"	2.8583	224.93	31.456	77.033	1.6609	26.577	0
"2013-01-19	09:00:00"	2.534	245.47	32.678	75.089	93.704	26.598	0
"2013-01-19	10:00:00"	2.3792	269.74	39.955	60.913	298.59	26.624	0
"2013-01-19	11:00:00"	5.1878	292.67	49.002	38.532	472.57	26.636	0
"2013-01-19	12:00:00"	7.6758	288.75	56.588	28.143	605.23	26.618	0
"2013-01-19	13:00:00"	8.3879	283	62.672	19.69	686.53	26.589	0
"2013-01-19	14:00:00"	10.612	300.51	64.975	16.786	692.2	26.565	0
"2013-01-19	15:00:00"	10.831	309.96	65.942	15.197	626.95	26.562	0
"2013-01-19	16:00:00"	10.531	332.44	64.946	14.843	499.23	26.571	0
"2013-01-19	17:00:00"	7.3048	350.09	64.772	14.953	318.9	26.58	0
"2013-01-19	18:00:00"	5.3637	14.312	63.13	15.435	126.54	26.589	0
"2013-01-19	19:00:00"	5.0045	38.618	57.68	18.419	6.618	26.604	0
"2013-01-19	20:00:00"	6.7524	30.608	50.603	24.13	0.07864	26.618	0
"2013-01-19	21:00:00"	7.5919	15.457	46.077	31.163	0.07546	26.642	0
"2013-01-19	22:00:00"	8.6371	15.795	43.721	34.163	0.06805	26.654	0
"2013-01-19	23:00:00"	8.4165	21.661	39.761	39.515	0.06529	26.663	0
"2013-01-20	00:00:00"	8.6066	23.947	38.405	42.189	0.07546	26.663	0
"2013-01-20	01:00:00"	9.4138	18.605	37.486	44.12	0.07716	26.654	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-20	02:00:00"	9.5964	24.15	36.043	46.826	0.06465	26.654	0
"2013-01-20	03:00:00"	8.7725	27.63	35.001	48.895	0.0831	26.645	0
"2013-01-20	04:00:00"	7.7522	18.292	34.371	50.067	0.07843	26.636	0
"2013-01-20	05:00:00"	6.8363	10.151	35.223	47.694	0.07483	26.63	0
"2013-01-20	06:00:00"	7.1122	10.943	34.507	48.521	0.06529	26.627	0
"2013-01-20	07:00:00"	5.3127	345.84	32.733	51.836	0.08946	26.636	0
"2013-01-20	08:00:00"	3.2137	329.95	29.028	61.155	2.6603	26.633	0
"2013-01-20	09:00:00"	5.5519	6.7922	34.886	50.901	107.31	26.645	0
"2013-01-20	10:00:00"	3.9078	7.4487	45.32	36.35	295.9	26.654	0
"2013-01-20	11:00:00"	2.9745	302.96	53.134	27.69	486.04	26.66	0
"2013-01-20	12:00:00"	5.1468	194.22	56.988	23.853	625.45	26.636	0
"2013-01-20	13:00:00"	6.164	225.19	58.968	21.229	699.46	26.592	0
"2013-01-20	14:00:00"	7.4428	231.6	60.585	19.348	703.07	26.556	0
"2013-01-20	15:00:00"	9.6691	218.18	62.455	18.336	635.3	26.536	0
"2013-01-20	16:00:00"	9.827	221.21	63.667	17.79	504.51	26.524	0
"2013-01-20	17:00:00"	11.38	207.37	63.554	18.091	323	26.512	0
"2013-01-20	18:00:00"	9.0117	203.56	61.477	19.202	130.41	26.509	0
"2013-01-20	19:00:00"	4.5112	195.39	53.687	24.088	6.8194	26.515	0
"2013-01-20	20:00:00"	1.3453	194.64	49.548	27.505	0.06656	26.524	0
"2013-01-20	21:00:00"	2.3718	212.17	47.316	29.438	0.07207	26.533	0
"2013-01-20	22:00:00"	2.0369	221.76	44.583	32.52	0.05723	26.542	0
"2013-01-20	23:00:00"	1.7094	256.55	43.54	33.844	0.07313	26.55	0
"2013-01-21	00:00:00"	7.6764	0.29472	43.63	34.332	0.08755	26.574	0
"2013-01-21	01:00:00"	10.384	14.225	38.615	39.39	0.06487	26.574	0
"2013-01-21	02:00:00"	12.117	16.369	36.243	43.882	0.06381	26.58	0
"2013-01-21	03:00:00"	12.251	17.016	34.436	48.619	0.0884	26.589	0
"2013-01-21	04:00:00"	13.702	11.729	33.93	52.246	0.06932	26.592	0
"2013-01-21	05:00:00"	14.372	9.1563	33.525	56.659	0.06317	26.598	0
"2013-01-21	06:00:00"	14.993	13.913	31.942	63.519	0.06465	26.601	0
"2013-01-21	07:00:00"	13.624	17.65	30.425	71.177	0.07356	26.621	0
"2013-01-21	08:00:00"	13.113	26.563	29.784	77.298	2.5927	26.645	0
"2013-01-21	09:00:00"	14.285	27.365	30.454	77.512	98.334	26.663	0
"2013-01-21	10:00:00"	17.09	31.563	33.18	70.192	291.53	26.683	0
"2013-01-21	11:00:00"	14.385	35.635	35.77	63.997	470.48	26.701	0
"2013-01-21	12:00:00"	11.881	47.251	39.13	57.736	626.44	26.698	0
"2013-01-21	13:00:00"	9.3522	40.47	41.879	51.329	687.09	26.672	0
"2013-01-21	14:00:00"	7.8448	26.931	44.14	45.671	681.38	26.642	0
"2013-01-21	15:00:00"	6.8661	40.374	46.613	41.149	624.79	26.621	0
"2013-01-21	16:00:00"	5.3792	42.15	48.163	37.988	489.07	26.615	0
"2013-01-21	17:00:00"	5.4594	76.048	49.395	35.858	317.98	26.609	0
"2013-01-21	18:00:00"	4.5882	77.115	48.955	36.412	128.07	26.607	0
"2013-01-21	19:00:00"	4.4298	84.164	43.901	43.02	4.7982	26.612	0
"2013-01-21	20:00:00"	5.7222	81.054	39.3	49.806	0.08967	26.609	0
"2013-01-21	21:00:00"	5.3115	113.96	38.294	53.153	0.06444	26.604	0
"2013-01-21	22:00:00"	4.9548	133.03	37.259	53.944	0.0814	26.607	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-21	23:00:00"	3.6394	156.27	35.523	59.195	0.09836	26.609	0
"2013-01-22	00:00:00"	1.9089	316.28	34.791	61.766	0.09369	26.607	0
"2013-01-22	01:00:00"	2.3786	73.512	34.502	62.757	0.07271	26.609	0
"2013-01-22	02:00:00"	2.4439	73.825	34.258	64.869	0.06889	26.612	0
"2013-01-22	03:00:00"	4.6783	93.768	33.388	67.466	0.06126	26.604	0
"2013-01-22	04:00:00"	3.1566	164.22	32.929	68.985	0.08776	26.601	0
"2013-01-22	05:00:00"	2.3587	340.43	32.671	71.128	0.07864	26.601	0
"2013-01-22	06:00:00"	0.99606	137.82	33.019	72.85	0.07398	26.598	0
"2013-01-22	07:00:00"	2.2506	29.68	32.332	74.855	0.08734	26.615	0
"2013-01-22	08:00:00"	1.8324	139.44	32.32	76.157	2.3227	26.621	0
"2013-01-22	09:00:00"	1.7585	186.42	33.559	75.152	106.95	26.624	0
"2013-01-22	10:00:00"	5.4215	232.48	40.242	67.545	295.47	26.639	0
"2013-01-22	11:00:00"	4.2527	247.86	45.707	56.274	476.17	26.654	0
"2013-01-22	12:00:00"	6.996	218.72	51.833	45.401	609.48	26.645	0
"2013-01-22	13:00:00"	6.3566	238.79	55.504	37.873	683.71	26.609	0
"2013-01-22	14:00:00"	6.2945	230.6	59.421	30.86	696.5	26.58	0
"2013-01-22	15:00:00"	7.0675	218.98	62.793	25.761	637.52	26.565	0
"2013-01-22	16:00:00"	7.8044	217.96	63.985	24.29	506.73	26.574	0
"2013-01-22	17:00:00"	8.0753	208.25	64.35	22.844	327.17	26.565	0
"2013-01-22	18:00:00"	7.8224	207.83	62.903	21.927	134.78	26.559	0
"2013-01-22	19:00:00"	5.4438	194.88	55.231	27.694	8.2424	26.562	0
"2013-01-22	20:00:00"	5.3394	200.79	50.625	34.442	0.05893	26.571	0
"2013-01-22	21:00:00"	4.6715	202.17	48.064	40.035	0.05533	26.574	0
"2013-01-22	22:00:00"	3.5586	230.12	45.15	47.069	0.06953	26.58	0
"2013-01-22	23:00:00"	3.5518	230.23	45.437	48.906	0.06805	26.598	0
"2013-01-23	00:00:00"	3.7897	234.77	45.811	53.433	0.09179	26.604	0
"2013-01-23	01:00:00"	4.0221	232.31	43.755	65.945	0.05384	26.601	0
"2013-01-23	02:00:00"	4.0047	220.83	41.541	81.28	0.08734	26.586	0
"2013-01-23	03:00:00"	3.8649	261.97	39.325	84.671	0.07568	26.592	0
"2013-01-23	04:00:00"	3.2784	269.6	37.951	87.561	0.06911	26.598	0
"2013-01-23	05:00:00"	3.1789	276.04	38.495	92.011	0.05088	26.592	0
"2013-01-23	06:00:00"	3.1802	277.95	34.119	92.699	0.09709	26.607	0
"2013-01-23	07:00:00"	2.6228	278.67	33.265	93.353	0.06487	26.63	0
"2013-01-23	08:00:00"	2.1866	281.85	35.125	94.192	2.187	26.639	0
"2013-01-23	09:00:00"	12.857	160.49	36.908	93.519	145.28	26.657	0
"2013-01-23	10:00:00"	7.8019	322.5	41.723	75.693	314.52	26.677	0
"2013-01-23	11:00:00"	3.4697	249.53	52.395	39.514	487.89	26.692	0
"2013-01-23	12:00:00"	6.5294	239.11	60.586	24.515	638.64	26.686	0
"2013-01-23	13:00:00"	8.578	248.71	66.333	18.076	711.3	26.654	0
"2013-01-23	14:00:00"	13.725	261.12	70.431	12.921	717.59	26.621	0
"2013-01-23	15:00:00"	12.012	242.23	71.702	11.839	652.14	26.604	0
"2013-01-23	16:00:00"	12.274	217	72.322	11.619	521	26.601	0
"2013-01-23	17:00:00"	11.302	205.57	71.779	11.357	339.93	26.598	0
"2013-01-23	18:00:00"	8.4189	213.64	70.165	12.089	140.2	26.598	0
"2013-01-23	19:00:00"	3.0516	220.96	61.656	15.483	4.9179	26.598	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-23	20:00:00"	2.4345	230.63	56.751	19.959	0.07864	26.601	0
"2013-01-23	21:00:00"	2.7129	248.88	53.768	24.566	0.07123	26.607	0
"2013-01-23	22:00:00"	4.4733	262.06	53.321	24.643	0.06614	26.612	0
"2013-01-23	23:00:00"	6.2479	259.16	51.751	28.238	0.08416	26.615	0
"2013-01-24	00:00:00"	5.181	266.1	52.021	30.139	0.08585	26.618	0
"2013-01-24	01:00:00"	3.9258	273.68	52.153	29.7	0.06444	26.618	0
"2013-01-24	02:00:00"	4.2657	234.16	44.613	39.669	0.0619	26.624	0
"2013-01-24	03:00:00"	1.8902	236.53	43.411	41.327	0.06508	26.618	0
"2013-01-24	04:00:00"	2.8819	273.09	45.11	39.198	0.07207	26.615	0
"2013-01-24	05:00:00"	3.6108	315.48	45.823	36.721	0.07758	26.612	0
"2013-01-24	06:00:00"	1.4851	246.85	44.692	36.803	0.07377	26.612	0
"2013-01-24	07:00:00"	1.7305	230.49	43.515	37.403	0.06338	26.612	0
"2013-01-24	08:00:00"	2.186	284.47	44.409	34.323	1.8701	26.615	0
"2013-01-24	09:00:00"	1.5882	217.56	43.748	37.262	99.081	26.627	0
"2013-01-24	10:00:00"	2.9434	265.4	49.685	34.374	309.42	26.633	0
"2013-01-24	11:00:00"	3.7382	276.39	58.703	24.543	482.21	26.642	0
"2013-01-24	12:00:00"	5.6657	247.15	65.345	20.261	631.71	26.618	0
"2013-01-24	13:00:00"	10.241	253.35	72.287	18.276	689.87	26.586	0
"2013-01-24	14:00:00"	15.943	268.33	75.568	17.422	701.5	26.556	0
"2013-01-24	15:00:00"	15.69	287.48	75.7	16.538	570.6	26.533	0
"2013-01-24	16:00:00"	13.305	270.8	76.214	15.754	554.61	26.53	0
"2013-01-24	17:00:00"	10.988	270.75	76.23	14.417	387.01	26.521	0
"2013-01-24	18:00:00"	7.851	292.52	74.635	14.352	162.67	26.527	0
"2013-01-24	19:00:00"	2.5501	301.26	69.047	17.135	5.1291	26.542	0
"2013-01-24	20:00:00"	2.7682	317.22	65.237	20.901	0.07589	26.553	0
"2013-01-24	21:00:00"	2.6676	293.23	61.215	25.727	0.06699	26.556	0
"2013-01-24	22:00:00"	3.6412	294.77	59.57	26.922	0.06826	26.55	0
"2013-01-24	23:00:00"	2.5222	271.23	54.543	32.235	0.08013	26.547	0
"2013-01-25	00:00:00"	3.6866	281.37	53.582	33.964	0.06338	26.547	0
"2013-01-25	01:00:00"	3.9556	276.42	52.339	36.801	0.06211	26.542	0
"2013-01-25	02:00:00"	6.228	288.54	52.766	37.535	0.07165	26.536	0
"2013-01-25	03:00:00"	9.6834	305.71	54.472	34.791	0.07631	26.536	0
"2013-01-25	04:00:00"	11.323	315.66	54.184	34.882	0.06762	26.536	0
"2013-01-25	05:00:00"	9.3019	310.71	52.244	37.921	0.0725	26.542	0
"2013-01-25	06:00:00"	10.408	314.02	54.216	36.591	0.06338	26.542	0
"2013-01-25	07:00:00"	11.795	314.16	53.388	40.147	0.06487	26.559	0
"2013-01-25	08:00:00"	9.7195	328.84	53.228	46.777	3.5602	26.556	0
"2013-01-25	09:00:00"	10.341	326.64	54.101	48.602	52.772	26.571	0
"2013-01-25	10:00:00"	10.822	331.26	57.052	44.031	212.85	26.595	0
"2013-01-25	11:00:00"	14.152	332.72	63.555	33.751	486.61	26.607	0
"2013-01-25	12:00:00"	12.954	358.44	65.375	28.94	641.72	26.607	0
"2013-01-25	13:00:00"	7.8193	349.37	66.744	25.966	726.2	26.589	0
"2013-01-25	14:00:00"	6.2703	302.44	68.272	24.978	471.42	26.568	0
"2013-01-25	15:00:00"	5.2872	336.72	67.4	26.507	199.48	26.547	0
"2013-01-25	16:00:00"	5.094	26.779	67.042	26.569	103.81	26.539	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-25	17:00:00"	5.5519	62.934	66.536	25.966	107.66	26.539	0
"2013-01-25	18:00:00"	5.4886	83.599	63.864	27.055	33.437	26.547	0
"2013-01-25	19:00:00"	6.5865	82.203	59.464	31.972	1.3242	26.55	0
"2013-01-25	20:00:00"	6.543	77.761	55.607	37.526	0.06444	26.565	0
"2013-01-25	21:00:00"	7.3968	63.917	51.137	43.709	0.06805	26.568	0
"2013-01-25	22:00:00"	7.7118	67.412	49.906	47.379	0.06995	26.571	0
"2013-01-25	23:00:00"	7.3042	68.996	49.096	51.857	0.09242	26.574	0
"2013-01-26	00:00:00"	6.4908	83.65	48.502	55.463	0.04812	26.574	0
"2013-01-26	01:00:00"	3.8326	98.472	48.113	60.49	0.08776	26.568	0
"2013-01-26	02:00:00"	6.2858	65.198	46.312	64.312	0.06677	26.556	0
"2013-01-26	03:00:00"	6.3268	84.373	44.881	67.217	0.06868	26.545	0
"2013-01-26	04:00:00"	6.6145	88.639	44.891	65.959	0.06868	26.533	0
"2013-01-26	05:00:00"	4.7255	69.654	43.259	68.841	0.08055	26.533	0
"2013-01-26	06:00:00"	4.6479	69.684	42.025	73.714	0.05914	26.53	0
"2013-01-26	07:00:00"	5.3736	78.772	42.79	71.729	0.06805	26.53	0
"2013-01-26	08:00:00"	7.6578	102.73	44.449	65.824	1.2664	26.533	0
"2013-01-26	09:00:00"	7.6298	104.11	44.922	64.75	68.944	26.524	0
"2013-01-26	10:00:00"	10.527	116.03	49.328	54.279	241.23	26.53	0
"2013-01-26	11:00:00"	9.0242	126.36	54.754	49.041	449.92	26.53	0
"2013-01-26	12:00:00"	10.043	144.59	60.21	47.821	519.64	26.509	0
"2013-01-26	13:00:00"	12.592	168.82	62.843	46.971	467.7	26.494	0
"2013-01-26	14:00:00"	11.044	179.59	66.519	44.009	582.87	26.447	0
"2013-01-26	15:00:00"	11.021	180.01	68.864	39.515	491.77	26.441	0
"2013-01-26	16:00:00"	10.642	193.49	68.303	38.382	162.79	26.435	0
"2013-01-26	17:00:00"	8.332	185.34	66.29	41.837	93.347	26.418	0
"2013-01-26	18:00:00"	5.4823	155.51	65.048	44.701	29.377	26.412	0
"2013-01-26	19:00:00"	3.4598	73.311	62.456	49.202	1.0978	26.403	0
"2013-01-26	20:00:00"	5.8639	107.86	61.21	51.732	0.0725	26.418	0
"2013-01-26	21:00:00"	6.5896	126.3	60.703	55.831	0.0549	26.415	0
"2013-01-26	22:00:00"	5.0095	152.13	59.542	65.479	0.05511	26.415	0
"2013-01-26	23:00:00"	2.5588	158.63	56.665	72.741	0.06147	26.423	0
"2013-01-27	00:00:00"	9.7885	180.28	56.1	84.778	0.05448	26.423	0
"2013-01-27	01:00:00"	9.2106	190.92	56.513	88.806	0.09454	26.423	0
"2013-01-27	02:00:00"	4.1085	235.38	54.817	91.097	0.05787	26.42	0
"2013-01-27	03:00:00"	3.0385	234.55	53.973	93.297	0.06805	26.415	0
"2013-01-27	04:00:00"	3.2206	245.83	53.856	93.739	0.0672	26.412	0
"2013-01-27	05:00:00"	2.7608	216.52	52.991	93.833	0.06402	26.409	0
"2013-01-27	06:00:00"	2.621	204.89	51.844	93.927	0.0761	26.4	0
"2013-01-27	07:00:00"	6.1118	183.17	51.511	94.017	0.05109	26.409	0
"2013-01-27	08:00:00"	5.478	194.44	51.181	92.888	2.0655	26.42	0
"2013-01-27	09:00:00"	3.8991	213.42	51.215	92.371	87.745	26.429	0
"2013-01-27	10:00:00"	6.1578	224.14	54.544	88.586	268.26	26.438	0
"2013-01-27	11:00:00"	10.579	250.32	61.322	64.839	504.6	26.45	0
"2013-01-27	12:00:00"	13.556	269.34	65.832	43.72	693.78	26.435	0
"2013-01-27	13:00:00"	13.4	259.71	68.022	37.658	697.11	26.409	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-27	14:00:00"	16.519	248.92	69.704	33.454	711.49	26.379	0
"2013-01-27	15:00:00"	18.501	239.95	70.628	30.555	607.72	26.358	0
"2013-01-27	16:00:00"	21.354	248.87	71.121	28.047	457.55	26.364	0
"2013-01-27	17:00:00"	18.305	249.44	69.755	30.526	308.29	26.361	0
"2013-01-27	18:00:00"	14.602	255.59	69.066	29.535	142.63	26.37	0
"2013-01-27	19:00:00"	7.664	259.84	65.335	32.434	11.133	26.382	0
"2013-01-27	20:00:00"	5.7526	279.14	60.423	39.962	0.085	26.397	0
"2013-01-27	21:00:00"	8.2934	313.46	58.505	43.291	0.07801	26.385	0
"2013-01-27	22:00:00"	4.6926	339.94	55.847	47.4	0.06974	26.397	0
"2013-01-27	23:00:00"	2.8801	87.064	53.669	51.168	0.07017	26.409	0
"2013-01-28	00:00:00"	3.6847	139.89	50.345	57.301	0.08204	26.409	0
"2013-01-28	01:00:00"	2.7303	145.35	50.151	57.46	0.0797	26.403	0
"2013-01-28	02:00:00"	4.7653	146.13	50.518	56.491	0.08098	26.397	0
"2013-01-28	03:00:00"	4.0998	153.21	49.697	58.145	0.0831	26.394	0
"2013-01-28	04:00:00"	3.622	144.28	50.1	71.915	0.04727	26.385	0
"2013-01-28	05:00:00"	2.9465	104.61	51.569	83.467	0.05723	26.367	0
"2013-01-28	06:00:00"	2.017	63.28	50.776	89.199	0.06487	26.361	0
"2013-01-28	07:00:00"	4.1986	141.86	49.115	90.942	0.07144	26.364	0
"2013-01-28	08:00:00"	3.0963	180.01	47.415	92.156	2.711	26.367	0
"2013-01-28	09:00:00"	4.8852	194.69	46.556	93.532	91.099	26.373	0
"2013-01-28	10:00:00"	8.9931	190.85	51.501	90.57	305.19	26.379	0
"2013-01-28	11:00:00"	11.351	204.98	59.852	64.464	488.26	26.385	0
"2013-01-28	12:00:00"	15.225	203.32	64.672	42.674	654.06	26.367	0
"2013-01-28	13:00:00"	17.582	212.47	67.66	34.352	723.1	26.329	0
"2013-01-28	14:00:00"	20.219	221.3	70.457	25.278	724.96	26.294	0
"2013-01-28	15:00:00"	20.663	228.91	71.759	20.971	587.24	26.282	0
"2013-01-28	16:00:00"	19.112	228.41	70.717	20.287	314.46	26.276	0
"2013-01-28	17:00:00"	16.793	222.22	69.656	19.139	163.03	26.279	0
"2013-01-28	18:00:00"	13.806	242.11	67.918	20.167	46.336	26.267	0
"2013-01-28	19:00:00"	3.3113	207.81	63.34	24.648	3.0915	26.273	0
"2013-01-28	20:00:00"	2.1611	170.57	59.022	30.093	0.05681	26.273	0
"2013-01-28	21:00:00"	2.4961	136.62	56.048	32.304	0.0655	26.258	0
"2013-01-28	22:00:00"	1.715	342.83	55.702	32.412	0.05681	26.237	0
"2013-01-28	23:00:00"	3.594	322.21	55.406	34.295	0.06296	26.234	0
"2013-01-29	00:00:00"	5.7321	201.9	54.551	38.293	0.05511	26.232	0
"2013-01-29	01:00:00"	5.3953	277.71	54.299	43.837	0.08265	26.229	0
"2013-01-29	02:00:00"	5.537	291.76	52.142	39.944	0.08288	26.217	0
"2013-01-29	03:00:00"	9.5952	303.09	52.638	39.467	0.08818	26.202	0
"2013-01-29	04:00:00"	7.7684	299.48	49.973	45.412	0.06571	26.193	0
"2013-01-29	05:00:00"	9.2547	306.53	49.289	48.482	0.06402	26.184	0
"2013-01-29	06:00:00"	11.079	295.16	49.245	49.906	0.06677	26.178	0
"2013-01-29	07:00:00"	9.9407	288.34	48.494	51.319	0.0549	26.193	0
"2013-01-29	08:00:00"	10.029	286.25	48.1	51.186	1.0014	26.211	0
"2013-01-29	09:00:00"	19.021	286.25	46.897	44.374	55.921	26.217	0
"2013-01-29	10:00:00"	21.178	270.57	45.984	40.889	151.42	26.217	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-29	11:00:00"	21.269	249.48	45.839	40.191	176.88	26.211	0
"2013-01-29	12:00:00"	21.339	251	45.585	40.133	187.97	26.202	0
"2013-01-29	13:00:00"	24.669	254.73	47.554	33.553	374.53	26.167	0
"2013-01-29	14:00:00"	29.782	255.13	49.203	28.708	614.57	26.155	0
"2013-01-29	15:00:00"	29.333	254.15	49.476	28.454	625.13	26.149	0
"2013-01-29	16:00:00"	30.294	255.19	47.719	28.596	416.37	26.146	0
"2013-01-29	17:00:00"	29.14	255.96	46.67	26.882	296.99	26.167	0
"2013-01-29	18:00:00"	24.142	259.57	45.635	24.899	96.413	26.181	0
"2013-01-29	19:00:00"	19.471	272.64	43.854	27.572	7.2669	26.205	0
"2013-01-29	20:00:00"	15.608	269.93	41.993	31.494	0.06783	26.226	0
"2013-01-29	21:00:00"	13.891	266.79	40.528	32.147	0.08098	26.261	0
"2013-01-29	22:00:00"	9.7114	276.68	38.118	31.181	0.07843	26.288	0
"2013-01-29	23:00:00"	7.3142	286.63	34.953	31.657	0.09285	26.308	0
"2013-01-30	00:00:00"	21.535	314.65	35.744	43.226	0.06041	26.353	0
"2013-01-30	01:00:00"	16.29	340.42	32.302	62.91	0.09094	26.379	0
"2013-01-30	02:00:00"	10.821	345.56	30.156	71.926	0.0778	26.397	0
"2013-01-30	03:00:00"	8.7762	319.15	28.811	74.605	0.08246	26.418	0
"2013-01-30	04:00:00"	7.6224	330.6	27.818	74.151	0.08246	26.438	0
"2013-01-30	05:00:00"	9.1963	317.6	27.101	68.255	0.07504	26.468	0
"2013-01-30	06:00:00"	9.7157	319.63	26.519	66.324	0.07462	26.485	0
"2013-01-30	07:00:00"	9.7381	323.91	25.684	70.049	0.07377	26.509	0
"2013-01-30	08:00:00"	6.9531	328.94	23.888	75.325	5.4793	26.524	0
"2013-01-30	09:00:00"	6.6518	325.66	27.325	65.867	124.78	26.545	0
"2013-01-30	10:00:00"	9.8071	341.15	34.771	45.024	323.05	26.565	0
"2013-01-30	11:00:00"	8.1008	305.81	38.992	34.813	506.95	26.589	0
"2013-01-30	12:00:00"	13.396	290.18	41.387	30.249	642.84	26.577	0
"2013-01-30	13:00:00"	14.741	293.87	43.065	27.314	718.94	26.547	0
"2013-01-30	14:00:00"	15.547	289.66	44.683	22.071	726.75	26.521	0
"2013-01-30	15:00:00"	16.049	283.63	46.146	18.012	661.74	26.503	0
"2013-01-30	16:00:00"	15.778	293.88	47.755	15.515	532.93	26.512	0
"2013-01-30	17:00:00"	14.452	293.26	48.444	14.478	354.26	26.518	0
"2013-01-30	18:00:00"	11.955	286	48.024	14.662	156.85	26.518	0
"2013-01-30	19:00:00"	6.6462	266.64	44.987	18.569	14.229	26.527	0
"2013-01-30	20:00:00"	1.7852	246.32	40.842	22.339	0.10048	26.542	0
"2013-01-30	21:00:00"	1.5193	254.04	38.399	24.109	0.06169	26.539	0
"2013-01-30	22:00:00"	2.6104	239.16	36.724	25.767	0.08013	26.539	0
"2013-01-30	23:00:00"	2.3196	240.12	35.322	27.879	0.0867	26.542	0
"2013-01-31	00:00:00"	2.1537	232.59	33.512	31.268	0.07801	26.542	0
"2013-01-31	01:00:00"	2.2071	232.13	31.436	34.162	0.08543	26.545	0
"2013-01-31	02:00:00"	4.0805	196.7	29.47	38.189	0.07568	26.553	0
"2013-01-31	03:00:00"	3.2212	224.85	29.387	39.494	0.08988	26.559	0
"2013-01-31	04:00:00"	2.8863	240.07	30.097	38.475	0.08055	26.547	0
"2013-01-31	05:00:00"	2.1108	278.71	31.253	36.917	0.08288	26.545	0
"2013-01-31	06:00:00"	3.7835	289.13	31.257	37.951	0.07843	26.545	0
"2013-01-31	07:00:00"	6.5698	303.38	33.323	35.031	0.07695	26.553	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-01-31	08:00:00"	6.7736	297.08	33.102	35.405	6.2409	26.565	0
"2013-01-31	09:00:00"	10.402	297.88	36.585	31.454	127.36	26.595	0
"2013-01-31	10:00:00"	9.6263	283.83	44.218	26.374	315.1	26.621	0
"2013-01-31	11:00:00"	14.067	296.48	51.868	23.29	500.07	26.627	0
"2013-01-31	12:00:00"	15.32	307.24	53.377	23.224	632.81	26.615	0
"2013-01-31	13:00:00"	15.708	316.38	56.445	22.202	720.54	26.577	0
"2013-01-31	14:00:00"	13.707	318.02	59.111	19.064	751.47	26.565	0
"2013-01-31	15:00:00"	11.864	329.44	60.117	16.725	605.08	26.574	0
"2013-01-31	16:00:00"	10.276	326.78	60.776	15.734	477.49	26.565	0
"2013-01-31	17:00:00"	8.5146	317.12	60.728	15.674	320.34	26.571	0
"2013-01-31	18:00:00"	7.4608	330.8	59.743	15.746	146.72	26.58	0
"2013-01-31	19:00:00"	3.2753	15.291	55.564	19.011	5.7243	26.595	0
"2013-01-31	20:00:00"	5.8943	41.138	50.419	22.684	0.06105	26.607	0
"2013-01-31	21:00:00"	5.5234	57.213	47.015	25.826	0.07059	26.627	0
"2013-01-31	22:00:00"	5.6688	87.288	49.035	23.576	0.06932	26.633	0
"2013-01-31	23:00:00"	4.0457	106.42	45.246	27.971	0.0744	26.633	0
"2013-02-01	00:00:00"	2.6607	79.121	42.702	30.578	0.07843	26.639	0
"2013-02-01	01:00:00"	4.1793	58.757	41.406	32.479	0.09052	26.639	0
"2013-02-01	02:00:00"	4.6348	100.36	40.146	34.182	0.0831	26.633	0
"2013-02-01	03:00:00"	2.8571	149.74	39.045	35.367	0.07525	26.636	0
"2013-02-01	04:00:00"	1.2285	134.14	39.181	35.368	0.07907	26.633	0
"2013-02-01	05:00:00"	8.45	62.491	31.572	55.32	0.07229	26.633	0
"2013-02-01	06:00:00"	8.483	64.315	28.839	65.998	0.0778	26.63	0
"2013-02-01	07:00:00"	8.5345	61.563	27.116	71.609	0.08119	26.627	0
"2013-02-01	08:00:00"	8.5904	51.104	26.244	75.938	6.1794	26.639	0
"2013-02-01	09:00:00"	9.525	56.655	29.075	74.177	130.16	26.642	0
"2013-02-01	10:00:00"	9.433	73.852	36.232	61.048	328.7	26.651	0
"2013-02-01	11:00:00"	7.8206	138.91	44.975	41.025	514.14	26.654	0
"2013-02-01	12:00:00"	13.649	185.6	52.449	28.052	651.04	26.63	0
"2013-02-01	13:00:00"	16.736	196.91	58.421	20.028	736.6	26.595	0
"2013-02-01	14:00:00"	16.064	200.87	61.61	16.986	751.8	26.553	0
"2013-02-01	15:00:00"	13.939	214.44	63.102	16.113	688.07	26.527	0
"2013-02-01	16:00:00"	13.805	222.4	64.006	15.779	555.71	26.524	0
"2013-02-01	17:00:00"	12.181	229.59	64.905	14.933	371.85	26.518	0
"2013-02-01	18:00:00"	9.0962	222.97	64.679	15.843	167.82	26.515	0
"2013-02-01	19:00:00"	4.536	211.69	57.425	19.635	17.104	26.521	0
"2013-02-01	20:00:00"	6.1845	192.88	51.447	24.213	0.0761	26.527	0
"2013-02-01	21:00:00"	4.6826	212.27	48.085	27.732	0.06147	26.542	0
"2013-02-01	22:00:00"	3.6866	240.89	46.051	30.157	0.08564	26.55	0
"2013-02-01	23:00:00"	3.164	241.53	44.92	31.113	0.0655	26.55	0
"2013-02-02	00:00:00"	3.1504	252.29	44.828	31.536	0.0655	26.556	0
"2013-02-02	00:00:00"	4.2502	277	44.78	31.8	0	0.26547	0
"2013-02-02	01:00:00"	3.5213	251.51	42.083	35.271	0.07419	26.553	0
"2013-02-02	02:00:00"	4.1396	265.43	40.838	37.214	0.09539	26.559	0
"2013-02-02	03:00:00"	3.9557	297.36	42.236	35.191	0.05511	26.577	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-02	04:00:00"	5.5482	319.85	42.093	31.919	0.06826	26.58	0
"2013-02-02	05:00:00"	10.967	316.7	42.665	31.093	0.07546	26.598	0
"2013-02-02	06:00:00"	15.135	340.22	44.356	30.186	0.10832	26.609	0
"2013-02-02	07:00:00"	13.683	355.59	42.247	35.312	0.08331	26.636	0
"2013-02-02	08:00:00"	14.823	3.4668	42.691	35.73	5.1846	26.666	0
"2013-02-02	09:00:00"	15.292	8.5327	42.888	36.762	97.593	26.68	0
"2013-02-02	10:00:00"	16.958	13.283	46.062	34.143	269.75	26.71	0
"2013-02-02	11:00:00"	16.666	25.429	51.254	29.376	531.34	26.734	0
"2013-02-02	12:00:00"	15.157	36.319	55.165	25.546	660.83	26.754	0
"2013-02-02	13:00:00"	12.336	50.461	57.729	22.571	742.66	26.742	0
"2013-02-02	14:00:00"	10.511	60.263	59.425	20.473	757.5	26.719	0
"2013-02-02	15:00:00"	10.556	65.729	60.719	18.855	671.47	26.707	0
"2013-02-02	16:00:00"	9.2348	69.822	60.816	18.301	455.68	26.701	0
"2013-02-02	17:00:00"	7.6503	93.175	60.895	18.163	361.12	26.698	0
"2013-02-02	18:00:00"	7.582	101.83	59.489	19.802	141.96	26.707	0
"2013-02-02	19:00:00"	4.9672	103.2	54.529	24.218	16.176	26.722	0
"2013-02-02	20:00:00"	5.7315	97.098	47.874	29.565	0.08373	26.731	0
"2013-02-02	21:00:00"	6.2678	100.12	45.696	32.629	0.07822	26.736	0
"2013-02-02	22:00:00"	6.3852	103.68	44.91	34.409	0.05511	26.734	0
"2013-02-02	23:00:00"	6.648	121.8	44.368	35.307	0.07504	26.734	0
"2013-02-03	00:00:00"	6.6449	129.56	43.101	37.997	0.09539	26.736	0
"2013-02-03	01:00:00"	6.5685	128.26	42.587	40.134	0.09115	26.731	0
"2013-02-03	02:00:00"	6.9376	119.87	41.968	41.698	0.06571	26.716	0
"2013-02-03	03:00:00"	6.6344	122.54	40.721	44.05	0.07928	26.701	0
"2013-02-03	04:00:00"	5.9689	126.02	40.457	45.139	0.08013	26.686	0
"2013-02-03	05:00:00"	5.7508	134.71	39.962	46.616	0.07377	26.677	0
"2013-02-03	06:00:00"	2.6303	166.85	36.54	52.78	0.0744	26.68	0
"2013-02-03	07:00:00"	1.4161	216.21	36.341	53.453	0.07864	26.677	0
"2013-02-03	08:00:00"	1.9927	121.56	36.507	54.191	6.5411	26.674	0
"2013-02-03	09:00:00"	5.0841	140.36	40.266	49.566	115.36	26.672	0
"2013-02-03	10:00:00"	11.893	150.2	48.375	40.941	337.98	26.663	0
"2013-02-03	11:00:00"	15.425	161.13	53.315	41.091	486.89	26.645	0
"2013-02-03	12:00:00"	14.659	167.74	55.679	45.246	614.23	26.612	0
"2013-02-03	13:00:00"	13.765	169.51	56.262	47.974	448.33	26.565	0
"2013-02-03	14:00:00"	14.325	172.62	57.982	43.867	461.78	26.521	0
"2013-02-03	15:00:00"	13.067	172.88	58.877	41.618	414.76	26.485	0
"2013-02-03	16:00:00"	12.247	174.17	58.533	37.866	246.98	26.471	0
"2013-02-03	17:00:00"	12.365	176.52	57.421	39.336	112.59	26.441	0
"2013-02-03	18:00:00"	9.4436	178.86	57.342	42.971	82.856	26.423	0
"2013-02-03	19:00:00"	2.1531	157.36	55.64	44.872	5.6469	26.415	0
"2013-02-03	20:00:00"	6.64	152.08	53.843	46.928	0.07652	26.406	0
"2013-02-03	21:00:00"	8.532	179.66	52.758	53.978	0.07589	26.406	0
"2013-02-03	22:00:00"	6.891	191.38	51.858	61.732	0.08967	26.391	0
"2013-02-03	23:00:00"	6.0087	201.12	50.74	66.959	0.07228	26.388	0
"2013-02-04	00:00:00"	6.2839	230.18	49.984	70.935	0.06974	26.382	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-04	01:00:00"	5.8452	255.04	49.608	71.639	0.08246	26.367	0
"2013-02-04	02:00:00"	2.9664	266.75	49.044	70.669	0.06465	26.35	0
"2013-02-04	03:00:00"	3.5754	239.23	47.112	72.337	0.0549	26.335	0
"2013-02-04	04:00:00"	3.5524	262.47	44.165	76.484	0.08352	26.335	0
"2013-02-04	05:00:00"	2.9534	266.69	42.666	78.641	0.05851	26.338	0
"2013-02-04	06:00:00"	3.0062	280.68	43.368	68.067	0.07758	26.335	0
"2013-02-04	07:00:00"	4.1271	315.49	43.289	62.56	0.07801	26.341	0
"2013-02-04	08:00:00"	2.2171	306.78	42.083	57.538	7.9208	26.364	0
"2013-02-04	09:00:00"	3.4983	264.57	42.535	55.905	118.87	26.376	0
"2013-02-04	10:00:00"	14.918	309.58	51.474	40.17	314.83	26.4	0
"2013-02-04	11:00:00"	16.665	325.02	55.827	32.283	514.6	26.412	0
"2013-02-04	12:00:00"	11.784	351.89	56.735	27.712	651.01	26.406	0
"2013-02-04	13:00:00"	9.896	3.8318	59.416	23.925	736.21	26.394	0
"2013-02-04	14:00:00"	10.115	348.32	61.59	21.285	764.24	26.373	0
"2013-02-04	15:00:00"	11.185	345.87	62.831	19.201	662.76	26.364	0
"2013-02-04	16:00:00"	11.863	349.46	63.904	18.104	558.95	26.361	0
"2013-02-04	17:00:00"	11.315	352.6	63.931	17.587	379.46	26.37	0
"2013-02-04	18:00:00"	9.5169	3.7413	62.819	17.962	168	26.379	0
"2013-02-04	19:00:00"	5.2723	4.8941	57.402	20.962	13.243	26.391	0
"2013-02-04	20:00:00"	5.0201	10.837	52.86	24.082	0.07674	26.406	0
"2013-02-04	21:00:00"	6.7543	26.142	47.842	27.899	0.06635	26.412	0
"2013-02-04	22:00:00"	6.8338	22.474	46.779	28.793	0.06762	26.418	0
"2013-02-04	23:00:00"	6.4181	38.007	44.158	31.884	0.08352	26.418	0
"2013-02-05	00:00:00"	6.8413	49.16	44.684	31.021	0.08882	26.415	0
"2013-02-05	01:00:00"	6.5039	58.154	44.927	30.838	0.05575	26.418	0
"2013-02-05	02:00:00"	5.6588	78.552	44.628	32.097	0.0619	26.409	0
"2013-02-05	03:00:00"	1.7473	213.73	42.746	37.504	0.07144	26.406	0
"2013-02-05	04:00:00"	1.2974	268.56	42.463	38.056	0.08288	26.403	0
"2013-02-05	05:00:00"	1.4845	256.11	40.323	41.198	0.07843	26.397	0
"2013-02-05	06:00:00"	2.0928	265.02	39.137	42.807	0.07886	26.394	0
"2013-02-05	07:00:00"	3.6245	261.26	38.228	46.621	0.08437	26.4	0
"2013-02-05	08:00:00"	3.0503	274.67	38.386	50.458	8.0137	26.409	0
"2013-02-05	09:00:00"	3.2777	289.41	41.892	49.966	136.14	26.438	0
"2013-02-05	10:00:00"	4.3285	278.36	48.894	40.022	336.35	26.456	0
"2013-02-05	11:00:00"	5.7843	255.33	56.338	27.358	526.15	26.456	0
"2013-02-05	12:00:00"	5.7769	248.67	61.527	23.34	681.06	26.45	0
"2013-02-05	13:00:00"	5.5544	294.21	65.36	19.269	759.13	26.429	0
"2013-02-05	14:00:00"	5.3289	263.32	67.417	18.182	767.22	26.4	0
"2013-02-05	15:00:00"	5.2692	266.58	68.907	17.196	701.79	26.379	0
"2013-02-05	16:00:00"	5.7551	256.28	69.51	16.162	571.56	26.373	0
"2013-02-05	17:00:00"	4.4291	205.61	69.546	15.513	385.75	26.37	0
"2013-02-05	18:00:00"	3.3082	221.9	68.768	16.224	177.46	26.37	0
"2013-02-05	19:00:00"	2.0555	136.1	64.62	19.123	22.129	26.376	0
"2013-02-05	20:00:00"	4.9281	120.88	59.137	22.508	0.04812	26.391	0
"2013-02-05	21:00:00"	3.6829	96.551	56.332	26.254	0.06063	26.4	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-05	22:00:00"	2.2382	281.29	55.015	29.436	0.06911	26.409	0
"2013-02-05	23:00:00"	0.96126	243.81	52.746	34.372	0.06338	26.412	0
"2013-02-06	00:00:00"	0.54681	212.72	49.602	43.099	0.08924	26.409	0
"2013-02-06	01:00:00"	1.3366	244.72	47.964	48.07	0.09094	26.403	0
"2013-02-06	02:00:00"	3.2193	333.77	47.806	48.335	0.0761	26.394	0
"2013-02-06	03:00:00"	5.1102	355.91	44.211	48.434	0.06296	26.379	0
"2013-02-06	04:00:00"	4.7783	1.3866	43.611	49.233	0.08034	26.37	0
"2013-02-06	05:00:00"	4.9349	19.525	39.637	49.928	0.06974	26.361	0
"2013-02-06	06:00:00"	7.2315	64.659	35.231	50.31	0.06338	26.364	0
"2013-02-06	07:00:00"	7.3123	46.464	33.789	52.831	0.08691	26.37	0
"2013-02-06	08:00:00"	7.6074	34.001	33.415	53.098	7.0981	26.37	0
"2013-02-06	09:00:00"	3.0068	355.91	38.886	45.778	134.46	26.382	0
"2013-02-06	10:00:00"	4.5211	135.04	52.042	35.747	337.13	26.397	0
"2013-02-06	11:00:00"	4.9063	216.36	56.892	33.346	531.86	26.391	0
"2013-02-06	12:00:00"	6.7587	216.05	62.674	25.789	686.82	26.373	0
"2013-02-06	13:00:00"	10.643	219.59	66.449	22.121	760.87	26.35	0
"2013-02-06	14:00:00"	11.689	228.01	68.343	21.139	761.59	26.314	0
"2013-02-06	15:00:00"	13.518	243.92	70.317	19.747	693.86	26.288	0
"2013-02-06	16:00:00"	15.191	245.05	71.359	20.431	531.71	26.276	0
"2013-02-06	17:00:00"	13.966	247.33	71.119	20.444	324.45	26.27	0
"2013-02-06	18:00:00"	10.854	249.57	69.136	21.637	108.21	26.282	0
"2013-02-06	19:00:00"	9.4281	241.08	65.883	23.738	13.088	26.296	0
"2013-02-06	20:00:00"	6.3635	235.61	61.024	27.859	0.06677	26.311	0
"2013-02-06	21:00:00"	4.6255	219.18	58.418	29.623	0.06677	26.314	0
"2013-02-06	22:00:00"	4.7423	238.92	57.603	29.839	0.07568	26.323	0
"2013-02-06	23:00:00"	5.3307	255.2	54.153	33.807	0.0619	26.335	0
"2013-02-07	00:00:00"	4.3831	264.7	52.367	34.82	0.04876	26.344	0
"2013-02-07	01:00:00"	3.8948	261.37	51.405	34.813	0.06699	26.347	0
"2013-02-07	02:00:00"	4.3254	279.47	50.949	35.21	0.06317	26.341	0
"2013-02-07	03:00:00"	8.8353	298.9	52.004	34.096	0.08034	26.338	0
"2013-02-07	04:00:00"	7.0606	292.7	49.762	36.634	0.05215	26.341	0
"2013-02-07	05:00:00"	4.3757	277.19	47.272	40.539	0.09158	26.358	0
"2013-02-07	06:00:00"	6.0068	292.98	46.704	41.8	0.0797	26.385	0
"2013-02-07	07:00:00"	9.955	317.35	46.524	41.267	0.10387	26.412	0
"2013-02-07	08:00:00"	7.047	335.55	42.869	45.868	8.3656	26.444	0
"2013-02-07	09:00:00"	16.025	8.8157	47.314	35.453	136.16	26.471	0
"2013-02-07	10:00:00"	20.848	15.062	49.802	32.988	337.2	26.497	0
"2013-02-07	11:00:00"	20.792	16.109	52.937	31.26	517.28	26.527	0
"2013-02-07	12:00:00"	18.931	15.945	55.843	28.717	655.24	26.53	0
"2013-02-07	13:00:00"	18.273	22.137	58.825	25.866	731.02	26.515	0
"2013-02-07	14:00:00"	15.529	32.467	60.396	24.353	747.02	26.509	0
"2013-02-07	15:00:00"	11.149	28.292	61.66	22.921	679.31	26.503	0
"2013-02-07	16:00:00"	9.561	15.908	61.867	22.777	537.44	26.503	0
"2013-02-07	17:00:00"	10.575	26.553	61.92	23.588	376.63	26.506	0
"2013-02-07	18:00:00"	10.303	34.063	60.437	25.062	163.92	26.533	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-07	19:00:00"	7.6559	35.402	55.922	29.45	16.099	26.547	0
"2013-02-07	20:00:00"	7.9219	42.576	50.162	35.975	0.07462	26.565	0
"2013-02-07	21:00:00"	9.0639	44.659	45.881	40.742	0.0619	26.583	0
"2013-02-07	22:00:00"	10.491	43.33	45.129	40.496	0.07674	26.595	0
"2013-02-07	23:00:00"	10.182	48.845	42.581	43.063	0.08437	26.598	0
"2013-02-08	00:00:00"	9.6965	47.724	39.978	46.187	0.08331	26.604	0
"2013-02-08	01:00:00"	8.6507	50.131	37.63	49.823	0.06084	26.604	0
"2013-02-08	02:00:00"	7.9268	54.493	35.193	54.255	0.09454	26.612	0
"2013-02-08	03:00:00"	8.4407	53.641	35.215	54.76	0.05893	26.607	0
"2013-02-08	04:00:00"	8.6892	54.508	34.819	55.224	0.07229	26.601	0
"2013-02-08	05:00:00"	9.4921	55.614	34.25	56.178	0.07271	26.589	0
"2013-02-08	06:00:00"	9.1087	65.029	33.916	57.541	0.08564	26.604	0
"2013-02-08	07:00:00"	2.1071	253.55	32.076	63.003	0.08458	26.621	0
"2013-02-08	08:00:00"	1.1551	311.49	32.347	67.756	9.1993	26.633	0
"2013-02-08	09:00:00"	4.2452	119.22	37.697	60.671	154.54	26.648	0
"2013-02-08	10:00:00"	11.828	134.99	43.079	48.713	344.26	26.642	0
"2013-02-08	11:00:00"	12.212	126.64	46.041	42.648	512.42	26.63	0
"2013-02-08	12:00:00"	13.988	122.19	49.678	36.141	663.72	26.612	0
"2013-02-08	13:00:00"	13.712	141.75	52.944	31.809	757.49	26.574	0
"2013-02-08	14:00:00"	13.917	138.01	55.214	29.101	728.55	26.533	0
"2013-02-08	15:00:00"	15.081	137.15	57.218	26.804	683.18	26.485	0
"2013-02-08	16:00:00"	17.28	132.34	58.844	25.654	580.63	26.453	0
"2013-02-08	17:00:00"	16.096	135.96	58.926	25.307	344.4	26.453	0
"2013-02-08	18:00:00"	16.058	132.99	58.146	25.764	156.34	26.429	0
"2013-02-08	19:00:00"	12.142	119.45	55.202	28.848	18.039	26.435	0
"2013-02-08	20:00:00"	9.113	109.56	51.094	33.139	0.07568	26.432	0
"2013-02-08	21:00:00"	12.147	108.27	49.938	35.215	0.08691	26.432	0
"2013-02-08	22:00:00"	13.123	104.56	48.389	36.896	0.08416	26.415	0
"2013-02-08	23:00:00"	11.374	101	46.229	39.147	0.07123	26.403	0
"2013-02-09	00:00:00"	11.325	111.36	45.971	39.869	0.06317	26.376	0
"2013-02-09	01:00:00"	11.319	121.41	45.748	41.638	0.06889	26.356	0
"2013-02-09	02:00:00"	8.4376	116.09	43.651	46.611	0.06995	26.335	0
"2013-02-09	03:00:00"	6.1224	83.678	41.369	52.529	0.06741	26.308	0
"2013-02-09	04:00:00"	5.0617	102.9	42.533	56.691	0.07462	26.285	0
"2013-02-09	05:00:00"	3.6164	139.47	44.365	61.185	0.09094	26.291	0
"2013-02-09	06:00:00"	7.6366	189.23	45.658	66.237	0.0672	26.267	0
"2013-02-09	07:00:00"	10.328	178.49	46.47	68.432	0.07886	26.264	0
"2013-02-09	08:00:00"	12.767	180.4	47.446	68.116	2.9503	26.261	0
"2013-02-09	09:00:00"	14.807	178.32	48.317	67.081	70.409	26.252	0
"2013-02-09	10:00:00"	18.193	178.43	50.939	62.349	199.95	26.24	0
"2013-02-09	11:00:00"	19.947	184.27	54.796	54.344	440.76	26.237	0
"2013-02-09	12:00:00"	20.604	186.64	59.463	44.64	555.79	26.211	0
"2013-02-09	13:00:00"	20.603	189.73	62.396	39.376	602.31	26.175	0
"2013-02-09	14:00:00"	20.268	195.1	65.938	33.086	665.16	26.131	0
"2013-02-09	15:00:00"	20.172	201.62	70.129	26.401	693.13	26.105	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-09	16:00:00"	21.503	210.6	73.028	17.568	564.72	26.081	0
"2013-02-09	17:00:00"	23.415	223.99	74.257	10.803	370.54	26.069	0
"2013-02-09	18:00:00"	21.851	239.13	72.883	7.6508	132.79	26.081	0
"2013-02-09	19:00:00"	19.947	257.82	68.871	7.9131	11.186	26.122	0
"2013-02-09	20:00:00"	21.645	285.61	60.061	19.096	0.06974	26.175	0
"2013-02-09	21:00:00"	21.855	293.5	53.89	23.866	0.05617	26.214	0
"2013-02-09	22:00:00"	22.15	290.91	50.014	24.595	0.07504	26.229	0
"2013-02-09	23:00:00"	17.787	293.9	47.501	23.686	0.0619	26.255	0
"2013-02-10	00:00:00"	9.2522	287.14	44.892	23.095	0.07229	26.279	0
"2013-02-10	01:00:00"	7.8268	283.7	42.699	20.882	0.05723	26.294	0
"2013-02-10	02:00:00"	10.626	285.66	41.699	22.635	0.05575	26.308	0
"2013-02-10	03:00:00"	10.725	263.37	40.986	23.001	0.08479	26.311	0
"2013-02-10	04:00:00"	7.5919	256.33	37.608	27.561	0.08076	26.305	0
"2013-02-10	05:00:00"	7.4341	262.04	36.911	31.079	0.06911	26.317	0
"2013-02-10	06:00:00"	4.0495	261.06	34.485	34.271	0.08967	26.326	0
"2013-02-10	07:00:00"	4.7355	253.09	32.898	36.387	0.09433	26.335	0
"2013-02-10	08:00:00"	5.0822	265.85	33.589	36.055	5.9412	26.353	0
"2013-02-10	09:00:00"	7.0749	271.21	35.059	35.42	151.24	26.37	0
"2013-02-10	10:00:00"	11.244	278.66	41.79	28.779	348.83	26.379	0
"2013-02-10	11:00:00"	13.826	285.53	46.153	23.383	581.02	26.388	0
"2013-02-10	12:00:00"	10.593	296.51	48.596	20.414	629.19	26.382	0
"2013-02-10	13:00:00"	9.1596	290.6	50.96	18.149	707	26.361	0
"2013-02-10	14:00:00"	10.922	289.11	53.755	15.135	778.14	26.335	0
"2013-02-10	15:00:00"	11.479	280.11	55.437	13.741	724.36	26.323	0
"2013-02-10	16:00:00"	9.4498	257.37	56.828	12.672	599.01	26.326	0
"2013-02-10	17:00:00"	10.122	255.65	57.912	10.92	403.86	26.329	0
"2013-02-10	18:00:00"	10.082	253.15	57.644	10.454	188.39	26.338	0
"2013-02-10	19:00:00"	3.0335	211.69	53.048	12.432	23.452	26.344	0
"2013-02-10	20:00:00"	2.2338	186.85	46.886	14.824	0.05935	26.364	0
"2013-02-10	21:00:00"	2.6154	297.54	45.779	16.495	0.05999	26.385	0
"2013-02-10	22:00:00"	5.2425	35.929	41.897	19.093	0.07631	26.406	0
"2013-02-10	23:00:00"	3.5443	5.1317	40.577	20.653	0.07229	26.418	0
"2013-02-11	00:00:00"	2.2643	345.31	43.819	18.086	0.08267	26.412	0
"2013-02-11	01:00:00"	2.1891	340.76	43.216	19.767	0.07843	26.415	0
"2013-02-11	02:00:00"	2.9198	314.66	43.341	20.211	0.07843	26.42	0
"2013-02-11	03:00:00"	4.4397	24.503	38.521	25.394	0.07716	26.418	0
"2013-02-11	04:00:00"	4.0383	113.05	35.27	29.126	0.05914	26.418	0
"2013-02-11	05:00:00"	1.4242	64.833	36.723	25.311	0.07504	26.412	0
"2013-02-11	06:00:00"	3.0379	5.0547	38.645	23.523	0.09158	26.418	0
"2013-02-11	07:00:00"	3.9929	35.846	40.01	22.076	0.06529	26.423	0
"2013-02-11	08:00:00"	9.0981	34.918	31.513	34.967	12.301	26.444	0
"2013-02-11	09:00:00"	11.987	62.662	34.548	38.502	146.33	26.459	0
"2013-02-11	10:00:00"	13.886	64.684	39.96	34.348	273.75	26.468	0
"2013-02-11	11:00:00"	14.365	73.777	44.968	30.392	572.99	26.465	0
"2013-02-11	12:00:00"	14.201	83.597	49.02	26.738	689.09	26.444	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-11	13:00:00"	12.229	99.893	53.532	23.932	756.88	26.415	0
"2013-02-11	14:00:00"	13.006	136.86	56.768	22.381	770.33	26.379	0
"2013-02-11	15:00:00"	13.793	138.66	59.265	21.837	707.77	26.35	0
"2013-02-11	16:00:00"	14.152	124.45	61.484	22.703	579.03	26.329	0
"2013-02-11	17:00:00"	12.325	166.52	63.245	22.367	407.39	26.332	0
"2013-02-11	18:00:00"	9.5269	185.57	62.715	22.459	194.14	26.323	0
"2013-02-11	19:00:00"	4.774	141.98	58.617	26.561	25.147	26.308	0
"2013-02-11	20:00:00"	6.676	88.437	53.738	32.539	0.07207	26.314	0
"2013-02-11	21:00:00"	16.038	110.93	54.392	41.567	0.05702	26.329	0
"2013-02-11	22:00:00"	14.313	104.57	51.026	53.657	0.0619	26.323	0
"2013-02-11	23:00:00"	16.602	103.71	47.362	68.406	0.07631	26.326	0.01
"2013-02-12	00:00:00"	19.27	117.76	44.941	77.565	0.07186	26.314	0
"2013-02-12	01:00:00"	15.96	118.71	43.048	83.255	0.07843	26.299	0
"2013-02-12	02:00:00"	12.588	126.68	42.469	86.993	0.09285	26.308	0
"2013-02-12	03:00:00"	8.9776	147.39	43.191	86.155	0.0778	26.302	0
"2013-02-12	04:00:00"	5.1449	228.27	43.479	85.98	0.07271	26.311	0
"2013-02-12	05:00:00"	4.7783	273.13	42.993	85.802	0.0619	26.326	0
"2013-02-12	06:00:00"	6.6673	272.67	43.511	84.028	0.06805	26.332	0
"2013-02-12	07:00:00"	6.4623	289.5	42.237	81.564	0.07737	26.323	0
"2013-02-12	08:00:00"	6.1242	281.95	39.986	72.322	4.5762	26.353	0
"2013-02-12	09:00:00"	10.826	259.32	40.017	67.416	126.97	26.367	0
"2013-02-12	10:00:00"	17.674	280	43.646	53.138	363	26.394	0
"2013-02-12	11:00:00"	18.359	294.33	45.35	46.431	572.95	26.418	0
"2013-02-12	12:00:00"	19.615	318.85	45.648	48.068	672.29	26.42	0
"2013-02-12	13:00:00"	19.724	326.43	47.024	44.536	711.24	26.42	0
"2013-02-12	14:00:00"	18.98	324.14	47.398	42.339	575.24	26.42	0
"2013-02-12	15:00:00"	20.731	341.16	46.08	44.704	550.74	26.423	0
"2013-02-12	16:00:00"	19.465	347.7	45.957	44.811	588.17	26.435	0
"2013-02-12	17:00:00"	16.934	352.1	46.304	43.747	406.91	26.447	0
"2013-02-12	18:00:00"	14.272	1.3849	46.052	43.497	206.81	26.468	0
"2013-02-12	19:00:00"	10.429	12.159	43.627	48.403	30.65	26.48	0
"2013-02-12	20:00:00"	6.0304	32.009	38.314	56.575	0.07483	26.491	0
"2013-02-12	21:00:00"	3.7338	62.714	36.106	61.824	0.09264	26.509	0
"2013-02-12	22:00:00"	1.9238	87.75	35.352	64.285	0.07144	26.524	0
"2013-02-12	23:00:00"	4.0308	7.843	32.15	69.025	0.08394	26.53	0
"2013-02-13	00:00:00"	5.1114	25.479	32.209	70.138	0.07525	26.53	0
"2013-02-13	01:00:00"	2.7906	342.17	28.713	75.719	0.07144	26.53	0
"2013-02-13	02:00:00"	4.9871	7.7376	28.761	79.006	0.06147	26.524	0
"2013-02-13	03:00:00"	6.3212	22.536	28.026	81.172	0.07377	26.515	0
"2013-02-13	04:00:00"	2.2637	311.81	26.277	82.396	0.0708	26.506	0
"2013-02-13	05:00:00"	3.4138	317.17	27.158	83.652	0.08458	26.506	0
"2013-02-13	06:00:00"	3.3305	245.8	23.76	82.522	0.07334	26.506	0
"2013-02-13	07:00:00"	2.4582	276.79	22.794	84.992	0.08712	26.512	0
"2013-02-13	08:00:00"	2.35	234.86	21.83	86.742	15.193	26.515	0
"2013-02-13	09:00:00"	2.4936	268.09	27.373	79.947	158.1	26.53	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-13	10:00:00"	6.7375	235.84	37.025	61.573	366.86	26.539	0
"2013-02-13	11:00:00"	10.641	222.66	44.218	47.5	558.45	26.536	0
"2013-02-13	12:00:00"	11.75	229.65	49.157	32.526	699.59	26.527	0
"2013-02-13	13:00:00"	10.338	227.59	51.537	25.815	773.49	26.494	0
"2013-02-13	14:00:00"	11.718	246.15	53.84	18.891	782.46	26.456	0
"2013-02-13	15:00:00"	13.252	234.39	54.898	15.728	720.81	26.426	0
"2013-02-13	16:00:00"	12.111	223.01	56.359	13.281	591.52	26.409	0
"2013-02-13	17:00:00"	11.649	231.16	57.536	12.82	408.48	26.403	0
"2013-02-13	18:00:00"	9.4976	232.32	57.145	12.837	199.03	26.391	0
"2013-02-13	19:00:00"	5.0474	215.25	52.439	14.404	30.19	26.397	0
"2013-02-13	20:00:00"	8.5724	44.063	48.529	16.781	0.05575	26.418	0
"2013-02-13	21:00:00"	1.6734	101.53	43.609	19.51	0.06932	26.42	0
"2013-02-13	22:00:00"	1.1874	178.82	42.381	20.309	0.07695	26.426	0
"2013-02-13	23:00:00"	3.3703	184.85	38.937	23.168	0.10196	26.435	0
"2013-02-14	00:00:00"	1.6112	218.36	37.73	24.9	0.06783	26.438	0
"2013-02-14	01:00:00"	1.7628	297.02	37.064	26.326	0.06932	26.432	0
"2013-02-14	02:00:00"	2.3867	321.96	37.206	27.08	0.06381	26.432	0
"2013-02-14	03:00:00"	4.7727	312.88	37.855	27.392	0.07737	26.423	0
"2013-02-14	04:00:00"	6.4362	348.58	35.909	29.694	0.0672	26.42	0
"2013-02-14	05:00:00"	6.0851	11.438	38.737	27.326	0.08034	26.418	0
"2013-02-14	06:00:00"	4.9343	289.25	32.634	35.171	0.07356	26.423	0
"2013-02-14	07:00:00"	3.6046	259.63	29.744	38.009	0.07229	26.441	0
"2013-02-14	08:00:00"	3.0957	261.86	31.551	36.627	15.705	26.453	0
"2013-02-14	09:00:00"	8.3021	309.16	39.372	33.236	165.14	26.471	0
"2013-02-14	10:00:00"	11.702	313.26	46.156	28.835	377.18	26.477	0
"2013-02-14	11:00:00"	10.74	306.04	53.423	22.932	569.98	26.471	0
"2013-02-14	12:00:00"	15.69	292.7	57.07	18.887	715.84	26.456	0
"2013-02-14	13:00:00"	12.124	290.5	58.237	17.58	805.21	26.432	0
"2013-02-14	14:00:00"	9.7773	274.07	59.999	16.499	818.55	26.409	0
"2013-02-14	15:00:00"	10.18	252.94	61.529	15.444	751.99	26.394	0
"2013-02-14	16:00:00"	8.5805	258.45	62.593	14.502	617.98	26.4	0
"2013-02-14	17:00:00"	6.7543	283.61	63.26	13.742	427.54	26.403	0
"2013-02-14	18:00:00"	8.0989	310.1	62.52	14.003	209.98	26.403	0
"2013-02-14	19:00:00"	7.0494	345.17	57.196	16.404	33.897	26.409	0
"2013-02-14	20:00:00"	4.3776	14.12	51.103	20.904	0.06677	26.429	0
"2013-02-14	21:00:00"	7.119	19.191	46.738	24.895	0.0778	26.453	0
"2013-02-14	22:00:00"	12.286	26.772	46.016	30.071	0.06677	26.483	0
"2013-02-14	23:00:00"	15.555	46.845	44.376	43.741	0.07398	26.524	0
"2013-02-15	00:00:00"	18.728	47.85	42.779	51.921	0.09285	26.553	0
"2013-02-15	01:00:00"	19.203	42.826	39.482	64.689	0.08903	26.574	0
"2013-02-15	02:00:00"	21.154	44.828	38.355	71.968	0.06253	26.592	0
"2013-02-15	03:00:00"	20.194	42.303	36.973	74.149	0.07631	26.615	0
"2013-02-15	04:00:00"	17.264	39.892	35.085	78.959	0.0672	26.642	0
"2013-02-15	05:00:00"	17.074	38.123	33.872	79.577	0.06783	26.657	0
"2013-02-15	06:00:00"	14.46	35.642	32.226	80.801	0.07822	26.683	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-15	07:00:00"	11.998	27.303	30.729	81.879	0.09624	26.71	0
"2013-02-15	08:00:00"	11.421	23.345	29.81	81.035	14.232	26.731	0
"2013-02-15	09:00:00"	12.467	18.994	31.836	72.788	105.36	26.754	0
"2013-02-15	10:00:00"	15.017	27.992	34.704	63.736	295.93	26.772	0
"2013-02-15	11:00:00"	13.391	40.572	36.015	58.942	261.69	26.769	0
"2013-02-15	12:00:00"	10.074	55.533	38.08	51.907	541.21	26.757	0
"2013-02-15	13:00:00"	9.205	61.214	40.298	41.816	416.7	26.736	0
"2013-02-15	14:00:00"	8.7557	74.587	42.187	35.933	505.76	26.707	0
"2013-02-15	15:00:00"	7.0352	56.112	44.225	34.141	578.68	26.698	0
"2013-02-15	16:00:00"	7.9386	35.161	44.095	34.104	333.64	26.701	0
"2013-02-15	17:00:00"	4.8865	46.99	44.387	34.046	341.47	26.704	0
"2013-02-15	18:00:00"	5.1089	24.766	44.695	34.357	204.63	26.71	0
"2013-02-15	19:00:00"	5.8769	63.719	41.492	37.324	26.815	26.719	0
"2013-02-15	20:00:00"	4.8125	83.094	35.386	43.551	0.08119	26.731	0
"2013-02-15	21:00:00"	4.5689	112.85	33.739	45.1	0.085	26.734	0
"2013-02-15	22:00:00"	5.0089	138.54	33.442	45.299	0.07059	26.745	0
"2013-02-15	23:00:00"	4.8107	148.4	31.78	47.492	0.07207	26.751	0
"2013-02-16	00:00:00"	2.7844	226.91	30.124	50.989	0.08013	26.757	0
"2013-02-16	01:00:00"	2.8807	279.06	30.672	50.767	0.06826	26.763	0
"2013-02-16	02:00:00"	2.9385	276.65	30.236	51.826	0.07229	26.763	0
"2013-02-16	03:00:00"	3.2231	271.04	29.635	53.421	0.10133	26.766	0
"2013-02-16	04:00:00"	3.1572	280.68	29.745	53.871	0.07843	26.76	0
"2013-02-16	05:00:00"	3.1056	282.51	28.87	55.898	0.10005	26.757	0
"2013-02-16	06:00:00"	3.6487	294.16	29.45	56.631	0.08267	26.754	0
"2013-02-16	07:00:00"	3.5779	292.06	29.638	56.683	0.07652	26.751	0
"2013-02-16	08:00:00"	2.8098	286.1	29.128	57.688	17.321	26.754	0
"2013-02-16	09:00:00"	2.8689	269.74	32.389	54.086	170.45	26.766	0
"2013-02-16	10:00:00"	5.8602	241.11	39.5	50.033	384.97	26.763	0
"2013-02-16	11:00:00"	10.383	236.73	46.029	41.627	579.12	26.751	0
"2013-02-16	12:00:00"	11.269	244.15	51.237	30.136	721.87	26.734	0
"2013-02-16	13:00:00"	11.528	254.12	54.985	25.22	798.37	26.695	0
"2013-02-16	14:00:00"	11.06	256.16	57.644	19.862	807.71	26.654	0
"2013-02-16	15:00:00"	11.441	244.36	60.553	16.372	752.11	26.618	0
"2013-02-16	16:00:00"	12.61	237.33	62.539	13.855	628.3	26.589	0
"2013-02-16	17:00:00"	14.332	228.36	62.53	12.447	439.22	26.568	0
"2013-02-16	18:00:00"	13.468	224.01	62.036	14.728	218.49	26.547	0
"2013-02-16	19:00:00"	8.317	204.81	58.103	14.781	36.954	26.539	0
"2013-02-16	20:00:00"	6.3939	189.58	50.747	17.726	0.06741	26.542	0
"2013-02-16	21:00:00"	6.5959	188.81	47.932	21.497	0.08331	26.539	0
"2013-02-16	22:00:00"	5.5246	204.04	45.437	23.989	0.06529	26.539	0
"2013-02-16	23:00:00"	5.9092	189.2	42.993	25.306	0.07992	26.53	0
"2013-02-17	00:00:00"	2.7179	210.47	37.713	30	0.10005	26.512	0
"2013-02-17	01:00:00"	2.9347	245.42	36.369	31.614	0.07123	26.497	0
"2013-02-17	02:00:00"	3.8829	253.45	36.633	31.991	0.06105	26.491	0
"2013-02-17	03:00:00"	3.7046	220.91	34.109	33.764	0.0778	26.477	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-17	04:00:00"	3.6785	229.84	32.796	36.009	0.07165	26.462	0
"2013-02-17	05:00:00"	3.2771	247.59	32.257	36.986	0.06275	26.45	0
"2013-02-17	06:00:00"	2.9671	241.41	31.804	37.082	0.08479	26.444	0
"2013-02-17	07:00:00"	3.0217	262.14	30.135	39.461	0.08585	26.447	0
"2013-02-17	08:00:00"	2.5116	262.54	30.461	38.89	19.974	26.447	0
"2013-02-17	09:00:00"	2.4482	238.69	34.478	36.445	181.44	26.453	0
"2013-02-17	10:00:00"	6.6499	236.17	45.791	26.176	399.29	26.456	0
"2013-02-17	11:00:00"	10.281	217.81	52.891	20.059	595.24	26.441	0
"2013-02-17	12:00:00"	12.646	217.64	57.838	16.086	742.73	26.418	0
"2013-02-17	13:00:00"	13.812	213.45	62.969	12.305	843.22	26.376	0
"2013-02-17	14:00:00"	17.622	212.57	66.847	8.86	850.9	26.335	0
"2013-02-17	15:00:00"	17.772	208.81	68.177	7.9745	791.5	26.305	0
"2013-02-17	16:00:00"	15.632	196.29	66.957	8.3867	422.27	26.288	0
"2013-02-17	17:00:00"	15.319	198.62	66.628	8.1769	331.83	26.267	0
"2013-02-17	18:00:00"	12.524	198.43	66.403	7.9089	187.66	26.246	0
"2013-02-17	19:00:00"	7.572	181.32	60.998	10.117	28.411	26.24	0
"2013-02-17	20:00:00"	7.6671	173.78	54.586	13.492	0.06169	26.249	0
"2013-02-17	21:00:00"	8.4544	171.96	50.58	18.279	0.08288	26.249	0
"2013-02-17	22:00:00"	11.712	184.37	50.244	24.251	0.0744	26.252	0
"2013-02-17	23:00:00"	8.4755	179.07	47.184	27.951	0.07123	26.249	0
"2013-02-18	00:00:00"	12.144	186.83	48.699	28.856	0.0778	26.246	0
"2013-02-18	01:00:00"	13.049	180.27	48.397	36.435	0.06974	26.24	0
"2013-02-18	02:00:00"	10.169	189.17	46.079	47.858	0.09899	26.243	0
"2013-02-18	03:00:00"	3.96	225.23	41.334	57.05	0.07059	26.246	0
"2013-02-18	04:00:00"	4.2701	245.33	38.064	56.999	0.08119	26.249	0
"2013-02-18	05:00:00"	4.4496	246.99	38.054	55.411	0.08013	26.255	0
"2013-02-18	06:00:00"	2.8937	212.47	36.224	51.667	0.06699	26.27	0
"2013-02-18	07:00:00"	4.467	287.52	40.065	34.207	0.08182	26.305	0
"2013-02-18	08:00:00"	4.9101	276.91	42.03	25.579	19.409	26.332	0
"2013-02-18	09:00:00"	4.5366	276.78	46.142	22.431	178.72	26.373	0
"2013-02-18	10:00:00"	11.955	292.14	54.922	16.349	396.94	26.397	0
"2013-02-18	11:00:00"	17.674	311.94	58.706	14.192	593.62	26.403	0
"2013-02-18	12:00:00"	22.445	315.48	60.822	13.881	745.99	26.429	0
"2013-02-18	13:00:00"	21.19	318.11	61.795	13.059	831.51	26.423	0
"2013-02-18	14:00:00"	20.13	331.64	62.492	12.566	835.39	26.418	0
"2013-02-18	15:00:00"	19.079	335.51	62.731	11.568	770.83	26.415	0
"2013-02-18	16:00:00"	14.984	330.29	63.15	10.839	636.49	26.415	0
"2013-02-18	17:00:00"	13.809	17.957	61.131	14.279	381.75	26.423	0
"2013-02-18	18:00:00"	12.193	33.041	58.246	16.232	176.85	26.435	0
"2013-02-18	19:00:00"	9.991	51.207	53.908	18.824	29.118	26.456	0
"2013-02-18	20:00:00"	8.2748	59.267	46.849	23.619	0.0778	26.471	0
"2013-02-18	21:00:00"	9.5704	68.513	44.766	26.139	0.08649	26.488	0
"2013-02-18	22:00:00"	8.7359	69.344	41.207	30.335	0.06614	26.497	0
"2013-02-18	23:00:00"	10.273	75.548	40.973	31.621	0.09221	26.506	0
"2013-02-19	00:00:00"	8.954	79.795	40.082	33.043	0.07992	26.509	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-19	01:00:00"	7.7716	73.814	38.675	35.497	0.08688	26.515	0
"2013-02-19	02:00:00"	9.5561	94.913	40.298	36.349	0.05957	26.536	0
"2013-02-19	03:00:00"	9.3902	103.67	39.946	40.235	0.0814	26.533	0
"2013-02-19	04:00:00"	7.7479	109.94	39.666	43.273	0.07864	26.542	0
"2013-02-19	05:00:00"	4.9964	110.96	38.545	45.665	0.08267	26.547	0
"2013-02-19	06:00:00"	3.5611	44.724	34.913	50.554	0.09179	26.556	0
"2013-02-19	07:00:00"	6.0484	48.271	30.757	55.308	0.07928	26.55	0
"2013-02-19	08:00:00"	6.3927	66.062	29.921	57.68	12.269	26.553	0
"2013-02-19	09:00:00"	9.6965	96.027	36.166	51.116	176.09	26.577	0
"2013-02-19	10:00:00"	17.278	123.75	43.992	40.046	390.94	26.574	0
"2013-02-19	11:00:00"	18.376	130.28	47.817	33.952	492.25	26.559	0
"2013-02-19	12:00:00"	18.793	134.39	51.834	28.081	625.95	26.547	0
"2013-02-19	13:00:00"	18.687	141.98	52.702	27.731	525.62	26.5	0
"2013-02-19	14:00:00"	18.424	146.15	53.683	27.178	428.46	26.465	0
"2013-02-19	15:00:00"	16.722	158.29	53.533	28.466	242.96	26.441	0
"2013-02-19	16:00:00"	16.02	161.35	54.029	29.076	165.16	26.423	0
"2013-02-19	17:00:00"	13.927	173.08	54.193	29.729	69.682	26.441	0
"2013-02-19	18:00:00"	10.122	165.45	48.765	55.23	35.168	26.441	0
"2013-02-19	19:00:00"	9.6344	160.91	45.53	73.631	3.4951	26.459	0.03
"2013-02-19	20:00:00"	8.5749	177.77	43.004	86.223	0.07758	26.48	0.03
"2013-02-19	21:00:00"	5.3127	191.89	42.864	89.878	0.07292	26.465	0.05
"2013-02-19	22:00:00"	7.5173	164.16	42.843	88.375	0.08988	26.447	0.06
"2013-02-19	23:00:00"	7.6304	167.32	42.484	89.727	0.05914	26.444	0.15
"2013-02-20	00:00:00"	4.8336	115.5	42.746	89.508	0.0761	26.418	0.03
"2013-02-20	01:00:00"	6.3566	105.26	42.891	88.159	0.0831	26.409	0.04
"2013-02-20	02:00:00"	9.0142	116.86	42.675	85.604	0.06444	26.356	0.01
"2013-02-20	03:00:00"	10.564	110.25	41.797	84.153	0.08055	26.314	0
"2013-02-20	04:00:00"	6.489	89.364	40.547	86.389	0.07462	26.302	0
"2013-02-20	05:00:00"	5.1487	87.262	39.284	87.54	0.06529	26.314	0
"2013-02-20	06:00:00"	6.7841	94.815	38.885	87.215	0.06593	26.291	0
"2013-02-20	07:00:00"	8.9844	103.26	39.77	85.922	0.06699	26.27	0
"2013-02-20	08:00:00"	8.4022	110.91	41.966	83.87	7.1844	26.27	0
"2013-02-20	09:00:00"	11.248	131.65	43.039	85.344	66.483	26.261	0
"2013-02-20	10:00:00"	13.237	145.56	45.48	84.61	135.37	26.246	0
"2013-02-20	11:00:00"	15.124	152.65	48.279	80.706	347.12	26.237	0
"2013-02-20	12:00:00"	14.431	143.07	51.05	75.882	567.92	26.208	0
"2013-02-20	13:00:00"	13.776	137.68	53.426	71.508	649.68	26.175	0
"2013-02-20	14:00:00"	13.513	133.67	56.732	65.951	772.67	26.125	0
"2013-02-20	15:00:00"	14.241	138.26	60.063	57.524	730.4	26.084	0
"2013-02-20	16:00:00"	13.92	123.53	61.496	55.059	604.92	26.057	0
"2013-02-20	17:00:00"	16.041	117.33	61.287	57.097	407.95	26.025	0
"2013-02-20	18:00:00"	17.741	94.719	58.028	69.316	185.75	26.013	0
"2013-02-20	19:00:00"	15.779	79.441	51.421	88.482	13.416	26.028	0
"2013-02-20	20:00:00"	14.351	74.068	49.227	93.289	0.07568	26.057	0
"2013-02-20	21:00:00"	17.106	82.849	47.15	94.025	0.06677	26.034	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-20	22:00:00"	13.939	75.468	45.746	94.21	0.08543	26.04	0
"2013-02-20	23:00:00"	9.5281	50.916	44.838	94.048	0.07292	26.063	0.18
"2013-02-21	00:00:00"	10.766	44.074	43.551	93.591	0.0814	26.075	0
"2013-02-21	01:00:00"	7.7205	37.4	41.276	92.869	0.09094	26.105	0
"2013-02-21	02:00:00"	7.2781	294.53	41.017	89.816	0.05109	26.149	0
"2013-02-21	03:00:00"	16.767	272.22	43.01	56.326	0.07949	26.137	0
"2013-02-21	04:00:00"	16.351	245.44	41.049	52.208	0.10641	26.102	0
"2013-02-21	05:00:00"	16.784	247.71	39.511	54.095	0.07292	26.122	0
"2013-02-21	06:00:00"	14.386	241.32	37.603	59.114	0.05533	26.14	0
"2013-02-21	07:00:00"	11.85	230.88	35.931	63.638	0.05851	26.149	0
"2013-02-21	08:00:00"	9.5387	217.94	33.831	71.329	25.763	26.158	0
"2013-02-21	09:00:00"	11.689	238.85	36.428	61.229	190.57	26.187	0
"2013-02-21	10:00:00"	17.695	251	39.898	48.634	401.03	26.199	0
"2013-02-21	11:00:00"	17.433	252.09	43.411	44.356	588.53	26.214	0
"2013-02-21	12:00:00"	16.473	279.66	47.438	39.729	727.61	26.226	0
"2013-02-21	13:00:00"	18.225	282.21	50.692	35.347	805.23	26.229	0
"2013-02-21	14:00:00"	15.907	276.15	53.11	31.71	812.13	26.223	0
"2013-02-21	15:00:00"	15.609	283.14	55.338	27.32	754.34	26.208	0
"2013-02-21	16:00:00"	15.557	277.3	57.227	23.298	633.37	26.208	0
"2013-02-21	17:00:00"	15.079	275.69	57.72	22.149	449.96	26.202	0
"2013-02-21	18:00:00"	14.165	269.65	56.754	21.626	233.43	26.22	0
"2013-02-21	19:00:00"	10.417	263.48	53.251	26.865	46.071	26.252	0
"2013-02-21	20:00:00"	3.9159	210.89	47.147	38.222	0.08691	26.282	0
"2013-02-21	21:00:00"	2.4743	235.53	43.547	44.451	0.07165	26.32	0
"2013-02-21	22:00:00"	3.3759	244.96	40.746	50.325	0.09645	26.329	0
"2013-02-21	23:00:00"	4.3819	345.44	40.192	51.584	0.10027	26.317	0
"2013-02-22	00:00:00"	5.3923	2.997	39.056	52.008	0.05978	26.332	0
"2013-02-22	01:00:00"	2.4749	325.4	36.224	57.858	0.06359	26.335	0
"2013-02-22	02:00:00"	1.8119	56.478	38.659	47.674	0.06063	26.341	0
"2013-02-22	03:00:00"	6.1311	45.755	34.837	58.984	0.0831	26.335	0
"2013-02-22	04:00:00"	8.5842	49.409	30.793	81.112	0.07271	26.347	0
"2013-02-22	05:00:00"	11.341	77.103	31.477	91.284	0.07334	26.37	0
"2013-02-22	06:00:00"	10.484	89.175	31.408	93.091	0.04833	26.391	0
"2013-02-22	07:00:00"	10.921	89.545	30.234	93.246	0.06783	26.403	0
"2013-02-22	08:00:00"	10.85	94.133	29.252	92.906	5.0729	26.423	0
"2013-02-22	09:00:00"	11.448	95.676	27.701	90.198	86.371	26.447	0
"2013-02-22	10:00:00"	9.6524	92.152	29.23	83.587	324.91	26.45	0
"2013-02-22	11:00:00"	10.061	104.15	33.797	66.766	590.13	26.441	0
"2013-02-22	12:00:00"	8.1145	125.12	38.645	53.93	727.72	26.441	0
"2013-02-22	13:00:00"	5.4687	120.86	42.524	46.391	798.28	26.42	0
"2013-02-22	14:00:00"	4.216	86.459	45.86	40.329	808.8	26.391	0
"2013-02-22	15:00:00"	4.3073	251.76	49.676	35.224	761.6	26.37	0
"2013-02-22	16:00:00"	4.5385	271.29	52.368	32.365	620.23	26.358	0
"2013-02-22	17:00:00"	6.2734	176.66	54.46	29.645	450.56	26.341	0
"2013-02-22	18:00:00"	13.367	219.02	56.225	21.552	231.74	26.347	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-22	19:00:00"	9.3411	231.92	53.463	22.832	45.387	26.37	0
"2013-02-22	20:00:00"	5.3382	211.17	47.497	30.894	0.06381	26.376	0
"2013-02-22	21:00:00"	4.4459	187.44	44.213	36.69	0.07864	26.385	0
"2013-02-22	22:00:00"	4.2458	106.06	42.258	44.731	0.07462	26.397	0
"2013-02-22	23:00:00"	8.414	108.58	40.076	53.871	0.06317	26.4	0
"2013-02-23	00:00:00"	9.6486	109.76	37.788	58.741	0.09242	26.394	0
"2013-02-23	01:00:00"	8.8676	121.21	36.974	58.376	0.09158	26.391	0
"2013-02-23	02:00:00"	6.6978	138.94	35.219	61.975	0.08373	26.394	0
"2013-02-23	03:00:00"	4.3397	199.47	36.2	59.292	0.06677	26.415	0
"2013-02-23	04:00:00"	2.0449	277.94	36.172	59.037	0.06571	26.403	0
"2013-02-23	05:00:00"	8.3475	304.05	37.268	53.432	0.07483	26.409	0
"2013-02-23	06:00:00"	8.4941	310.03	36.429	52.369	0.06847	26.423	0
"2013-02-23	07:00:00"	5.076	298.06	34.062	55.186	0.0672	26.429	0
"2013-02-23	08:00:00"	3.1255	272.95	31.455	60.571	29.99	26.429	0
"2013-02-23	09:00:00"	6.3019	292.54	36.153	48.945	205	26.438	0
"2013-02-23	10:00:00"	9.7611	290.15	43.323	32.102	424.72	26.444	0
"2013-02-23	11:00:00"	13.514	282.87	47.662	21.101	620.9	26.438	0
"2013-02-23	12:00:00"	12.675	277.12	50.621	18.081	766.06	26.42	0
"2013-02-23	13:00:00"	11.992	254.95	53.194	15.758	843.43	26.394	0
"2013-02-23	14:00:00"	11.47	244.66	55.788	13.315	859.15	26.35	0
"2013-02-23	15:00:00"	11.987	226.65	57.771	14.309	798.45	26.317	0
"2013-02-23	16:00:00"	13.481	206.37	59.101	12.563	662.47	26.276	0
"2013-02-23	17:00:00"	14.255	209.31	60.834	12.448	468.55	26.255	0
"2013-02-23	18:00:00"	15.983	212.07	61.767	13.856	243.98	26.246	0
"2013-02-23	19:00:00"	10.921	220.98	59.148	16.146	51.764	26.243	0
"2013-02-23	20:00:00"	10.779	219.11	54.846	20.414	0.08458	26.252	0
"2013-02-23	21:00:00"	11.745	211.06	53.533	20.846	0.05935	26.243	0
"2013-02-23	22:00:00"	5.8235	212.9	48.814	25.763	0.08055	26.246	0
"2013-02-23	23:00:00"	3.8426	273.95	46.796	28.673	0.06508	26.252	0
"2013-02-24	00:00:00"	2.442	217.37	43.579	33.598	0.05978	26.232	0
"2013-02-24	01:00:00"	4.1752	187.27	42.694	35.215	0.06976	26.217	0
"2013-02-24	02:00:00"	3.6164	206.93	42.127	37.961	0.06338	0	0
"2013-02-24	03:00:00"	5.7806	184.25	40.039	42.123	0.08098	26.19	0
"2013-02-24	04:00:00"	4.6242	210.96	38.868	43.524	0.08119	26.175	0
"2013-02-24	05:00:00"	6.1503	202.39	39.548	47.266	0.08331	26.161	0
"2013-02-24	06:00:00"	10.638	181.84	41.552	48.837	0.0814	26.164	0
"2013-02-24	07:00:00"	6.5809	212.92	39.489	52.791	0.06126	26.172	0
"2013-02-24	08:00:00"	4.0644	275.99	37.738	55.96	30.981	26.178	0
"2013-02-24	09:00:00"	4.8771	242.47	41.506	49.826	204.03	26.196	0
"2013-02-24	10:00:00"	7.0451	221.81	47.542	39.233	422.61	26.187	0
"2013-02-24	11:00:00"	8.5737	216.78	54.242	29.364	618.78	26.178	0
"2013-02-24	12:00:00"	11.183	226.64	60.594	20.914	778.2	26.161	0
"2013-02-24	13:00:00"	14.533	227.37	65.06	14.75	858.81	26.122	0
"2013-02-24	14:00:00"	19.661	226.63	66.75	11.911	861.91	26.084	0
"2013-02-24	15:00:00"	20.295	230.15	67.092	11.536	792.45	26.06	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-24	16:00:00"	16.131	238.68	67.739	11.114	650.94	26.028	0
"2013-02-24	17:00:00"	16.52	233.28	68.605	9.5897	452.91	26.007	0
"2013-02-24	18:00:00"	12.209	261.08	67.271	10.386	199.27	26.004	0
"2013-02-24	19:00:00"	12.406	281.64	63.432	13.766	26.969	26.045	0
"2013-02-24	20:00:00"	22.28	320.06	54.66	27.952	0.06868	26.087	0
"2013-02-24	21:00:00"	20.949	320.99	49.765	36.721	0.08288	26.119	0
"2013-02-24	22:00:00"	18.077	323.64	47.276	37.603	0.05575	26.149	0
"2013-02-24	23:00:00"	13.557	325.13	45.912	40.68	0.08246	26.169	0
"2013-02-25	00:00:00"	9.0956	31.184	42.759	53.476	0.07017	26.155	0
"2013-02-25	01:00:00"	4.9803	64.617	39.729	63.338	0.06147	26.158	0
"2013-02-25	02:00:00"	6.6101	348.18	38.294	67.785	0.08288	26.167	0
"2013-02-25	03:00:00"	8.9714	314.22	36.929	66.929	0.08161	26.164	0
"2013-02-25	04:00:00"	8.716	324.47	34.593	66.699	0.08479	26.158	0
"2013-02-25	05:00:00"	12.114	348.84	34.143	71.583	0.05978	26.164	0
"2013-02-25	06:00:00"	20.707	1.6575	32.019	76.124	0.05978	26.202	0
"2013-02-25	07:00:00"	18.72	345.01	31.69	75.125	0.08098	26.249	0
"2013-02-25	08:00:00"	20.36	332.25	31.266	78.521	6.3944	26.279	0
"2013-02-25	09:00:00"	22.889	326.68	31.966	76.653	87.271	26.308	0
"2013-02-25	10:00:00"	28.187	328.22	33.467	73.927	238.61	26.329	0
"2013-02-25	11:00:00"	30.523	322.82	34.275	69.531	280.37	26.364	0
"2013-02-25	12:00:00"	28.617	327.63	33.917	70.776	296.36	26.37	0
"2013-02-25	13:00:00"	29.016	333.07	39.985	48.425	750.14	26.358	0
"2013-02-25	14:00:00"	30.201	341.42	42.007	39.943	814.94	26.338	0
"2013-02-25	15:00:00"	27.245	339.51	43.086	36.411	744.8	26.35	0
"2013-02-25	16:00:00"	24.084	341.16	44.597	33.954	638.49	26.35	0
"2013-02-25	17:00:00"	23.84	339.19	45.545	31.175	454.49	26.35	0
"2013-02-25	18:00:00"	21.345	339.41	45.405	26.847	242.51	26.358	0
"2013-02-25	19:00:00"	13.859	355.03	43.774	29.649	53.044	26.361	0
"2013-02-25	20:00:00"	8.4656	12.865	39.284	40.423	0.10111	26.37	0
"2013-02-25	21:00:00"	6.8481	25.238	34.624	49.54	0.07631	26.373	0
"2013-02-25	22:00:00"	5.9558	18.378	33.681	52.962	0.08585	26.382	0
"2013-02-25	23:00:00"	2.8925	322.66	32.214	56.763	0.06762	26.382	0
"2013-02-26	00:00:00"	3.6561	335.73	30.369	62.419	0.07907	26.37	0
"2013-02-26	01:00:00"	2.1632	272.33	29.196	64.966	0.08561	26.356	0
"2013-02-26	02:00:00"	2.1506	327.41	28.117	68.11	0.0778	26.335	0
"2013-02-26	03:00:00"	2.9932	21.917	28.03	67.557	0.08861	26.326	0
"2013-02-26	04:00:00"	2.7707	23.307	28.744	64.832	0.07123	26.314	0
"2013-02-26	05:00:00"	2.1077	7.1163	29.947	61.686	0.08479	26.305	0
"2013-02-26	06:00:00"	1.9405	33.13	30.32	60.132	0.08119	26.302	0
"2013-02-26	07:00:00"	1.4074	107.93	27.964	64.557	0.0778	26.305	0
"2013-02-26	08:00:00"	1.057	73.439	27.954	65.355	35.497	26.326	0
"2013-02-26	09:00:00"	3.5592	157.27	33.347	58.508	215.56	26.332	0
"2013-02-26	10:00:00"	8.148	174.57	39.844	43.267	437.37	26.329	0
"2013-02-26	11:00:00"	7.9759	219.45	45.952	30.699	632.76	26.32	0
"2013-02-26	12:00:00"	8.6868	245.98	50.121	26.539	775.23	26.305	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-26	13:00:00"	9.3473	245.2	57.057	18.333	859.56	26.282	0
"2013-02-26	14:00:00"	10.631	243.74	60.544	14.747	886.29	26.246	0
"2013-02-26	15:00:00"	6.9892	269.56	63.682	11.109	719.41	26.261	0.1
"2013-02-26	16:00:00"	8.437	230.7	64.337	9.8717	658.74	26.249	0
"2013-02-26	17:00:00"	9.7232	224.4	64.987	9.6722	460.65	26.226	0
"2013-02-26	18:00:00"	11.745	229.73	65.062	10.141	237.08	26.223	0
"2013-02-26	19:00:00"	11.561	238.04	62.081	11.043	49.369	26.234	0
"2013-02-26	20:00:00"	6.5002	246.35	55.715	14.341	0.07822	26.261	0
"2013-02-26	21:00:00"	9.996	316.59	52.141	18.596	0.08437	26.326	0
"2013-02-26	22:00:00"	13.749	348.03	48.899	20.259	0.07292	26.379	0
"2013-02-26	23:00:00"	14.782	347.32	46.577	16.973	0.06635	26.409	0
"2013-02-27	00:00:00"	14.428	342.43	44.486	16.673	0.07059	26.438	0
"2013-02-27	01:00:00"	9.7524	359.2	40.16	36.608	0.07229	26.474	0
"2013-02-27	02:00:00"	8.7582	2.3795	36.316	55.938	0.07483	26.503	0
"2013-02-27	03:00:00"	9.2118	353.99	34.673	58.676	0.07695	26.524	0
"2013-02-27	04:00:00"	7.577	345.13	33.373	64.487	0.08967	26.542	0
"2013-02-27	05:00:00"	7.1203	345.91	32.789	66.688	0.08649	26.562	0
"2013-02-27	06:00:00"	8.0008	345.97	31.849	68.362	0.08416	26.592	0
"2013-02-27	07:00:00"	9.6549	357.95	32.766	62.902	0.0744	26.609	0
"2013-02-27	08:00:00"	10.435	356.94	33.431	58.009	39.13	26.633	0
"2013-02-27	09:00:00"	15.8	355.42	36.634	50.173	230.91	26.672	0
"2013-02-27	10:00:00"	16.01	3.8439	39.195	46.477	449.05	26.698	0
"2013-02-27	11:00:00"	14.595	9.0262	41.597	43.196	636.31	26.713	0
"2013-02-27	12:00:00"	14.621	8.9015	43.79	39.234	769.2	26.716	0
"2013-02-27	13:00:00"	12.912	17.963	46.977	35.451	745.25	26.657	0
"2013-02-27	14:00:00"	13.607	18.53	47.327	30.946	872.7	26.636	0
"2013-02-27	15:00:00"	13.208	19.822	48.23	27.189	810.66	26.624	0
"2013-02-27	16:00:00"	12.204	24.528	48.72	24.933	644.44	26.618	0
"2013-02-27	17:00:00"	11.838	26.882	48.13	21.48	382.49	26.624	0
"2013-02-27	18:00:00"	11.732	32.534	47.199	27.011	222.45	26.627	0
"2013-02-27	19:00:00"	10.227	41.705	44.564	32.903	48.459	26.642	0
"2013-02-27	20:00:00"	6.5412	48.077	39.063	42.822	0.0956	26.657	0
"2013-02-27	21:00:00"	6.5865	49.778	35.302	50.459	0.07186	26.657	0
"2013-02-27	22:00:00"	6.9202	44.993	33.495	55.746	0.06317	26.669	0
"2013-02-27	23:00:00"	6.6642	49.919	32.054	59.843	0.09624	26.677	0
"2013-02-28	00:00:00"	6.3709	59.891	31.495	62.998	0.08394	26.674	0
"2013-02-28	01:00:00"	6.3964	50.054	29.902	67.459	0.07419	26.672	0
"2013-02-28	02:00:00"	5.9745	61.206	30.11	68.114	0.06699	26.669	0
"2013-02-28	03:00:00"	4.559	58.55	29.348	70.219	0.08076	26.66	0
"2013-02-28	04:00:00"	5.4109	56.728	29.64	69.962	0.07864	26.648	0
"2013-02-28	05:00:00"	5.1648	32.036	29.687	70.751	0.06911	26.642	0
"2013-02-28	06:00:00"	5.2711	24.24	27.228	74.546	0.06847	26.663	0
"2013-02-28	07:00:00"	2.9913	277.9	25.192	78.64	0.06889	26.674	0
"2013-02-28	08:00:00"	2.8384	318.06	27.696	74.567	36.82	26.686	0
"2013-02-28	09:00:00"	3.7587	311.97	32.636	65.744	214.12	26.713	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-02-28	10:00:00"	5.0617	268.25	39.624	50.875	434.85	26.719	0
"2013-02-28	11:00:00"	5.0878	245.27	42.905	40.542	629.9	26.722	0
"2013-02-28	12:00:00"	4.7125	268.14	45.854	31.915	771.6	26.707	0
"2013-02-28	13:00:00"	5.6619	247.04	48.171	28.881	848.11	26.677	0
"2013-02-28	14:00:00"	6.6219	243.3	50.733	26.569	853.4	26.654	0
"2013-02-28	15:00:00"	8.2499	261.06	52.794	23.242	786.8	26.636	0
"2013-02-28	16:00:00"	8.03	270.76	54.289	20.913	650.83	26.621	0
"2013-02-28	17:00:00"	10.982	300.21	54.989	17.134	467.87	26.618	0
"2013-02-28	18:00:00"	9.8015	297.4	54.625	17.13	247.11	26.612	0
"2013-02-28	19:00:00"	7.7485	301.51	52.894	16.062	56.024	26.624	0
"2013-02-28	20:00:00"	3.4691	324.52	48.561	18.573	0.07652	26.624	0
"2013-02-28	21:00:00"	3.3983	334.31	43.82	23.415	0.06593	26.633	0
"2013-02-28	22:00:00"	5.4426	3.4337	40.336	27.907	0.05745	26.642	0
"2013-02-28	23:00:00"	5.1052	356.87	40.203	27.831	0.06741	26.636	0
"2013-03-01	00:00:00"	5.0319	1.9055	37.021	32.922	0.0778	26.627	0
"2013-03-01	01:00:00"	4.129	37.486	32.614	43.04	0.06508	26.618	0
"2013-03-01	02:00:00"	2.6893	307.22	31.441	51.361	0.0814	26.621	0
"2013-03-01	03:00:00"	2.1618	336.61	31.126	53.605	0.06741	26.607	0
"2013-03-01	04:00:00"	4.851	350.4	30.212	58.184	0.08373	26.589	0
"2013-03-01	05:00:00"	5.7558	357.25	29.067	56.798	0.08564	26.601	0
"2013-03-01	06:00:00"	4.5056	7.2831	30.362	57.941	0.0778	26.601	0
"2013-03-01	07:00:00"	6.4337	17.869	28.967	63.454	0.07462	26.609	0
"2013-03-01	08:00:00"	8.4227	353.4	30.519	61.78	38.918	26.63	0
"2013-03-01	09:00:00"	14.853	354.34	35.774	44.213	222.84	26.657	0
"2013-03-01	10:00:00"	15.352	0.62927	41.252	39.014	446.01	26.695	0
"2013-03-01	11:00:00"	13.512	12.838	46.488	32.679	641.99	26.701	0
"2013-03-01	12:00:00"	13.928	9.9208	51.459	25.509	785.44	26.71	0
"2013-03-01	13:00:00"	14.919	9.3231	55.331	18.774	863.94	26.698	0
"2013-03-01	14:00:00"	14.516	357.63	56.813	17.213	870.29	26.677	0
"2013-03-01	15:00:00"	15.532	346.81	58.713	14.785	818.92	26.669	0
"2013-03-01	16:00:00"	15.519	353.18	59.195	13.731	684.75	26.666	0
"2013-03-01	17:00:00"	14.784	356.81	59.425	12.311	489.69	26.669	0
"2013-03-01	18:00:00"	10.802	2.8171	58.685	13.414	261.11	26.672	0
"2013-03-01	19:00:00"	7.8237	20.1	55.254	15.832	60.9	26.683	0
"2013-03-01	20:00:00"	7.4061	27.892	48.691	19.787	0.13948	26.672	0
"2013-03-01	21:00:00"	6.2852	34.853	43.296	25.012	0.07928	26.68	0
"2013-03-01	22:00:00"	6.3734	43.3	41.119	29.093	0.07059	26.698	0
"2013-03-01	23:00:00"	6.0608	38.103	37.885	33.681	0.08352	26.704	0
"2013-03-02	00:00:00"	6.8469	32.265	36.564	36.497	0.07038	26.719	0
"2013-03-02	01:00:00"	6.5387	32.963	35.283	39.334	0.08225	26.725	0
"2013-03-02	02:00:00"	5.8042	28.997	33.712	42.616	0.07525	26.739	0
"2013-03-02	03:00:00"	5.1145	14.352	35.745	40.177	0.07398	26.736	0
"2013-03-02	04:00:00"	4.3515	19.519	32.79	47.227	0.07504	26.745	0
"2013-03-02	05:00:00"	6.8295	32.751	29.249	56.634	0.0778	26.748	0
"2013-03-02	06:00:00"	6.3746	32.771	27.789	61.491	0.09073	26.757	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-02	07:00:00"	5.3649	28.405	27.774	62.635	0.07992	26.772	0
"2013-03-02	08:00:00"	4.395	16.158	29.347	61.177	41.826	26.796	0
"2013-03-02	09:00:00"	2.7117	205.67	37.545	48.03	225.51	26.81	0
"2013-03-02	10:00:00"	4.9703	231.58	43.718	36.46	446.43	26.816	0
"2013-03-02	11:00:00"	5.785	236.82	48.669	30.153	640.58	26.807	0
"2013-03-02	12:00:00"	5.6228	240.05	54.075	25.064	783.47	26.798	0
"2013-03-02	13:00:00"	5.6265	244.61	57.813	20.612	876.83	26.775	0
"2013-03-02	14:00:00"	6.973	238.11	59.503	18.659	886.32	26.731	0
"2013-03-02	15:00:00"	6.5927	250.4	61.23	17.63	813.94	26.713	0
"2013-03-02	16:00:00"	6.2864	227.52	62.418	16.716	667.73	26.686	0
"2013-03-02	17:00:00"	6.1336	229.51	63.005	16.464	464.8	26.672	0
"2013-03-02	18:00:00"	7.1103	227.64	62.928	16.699	263.78	26.663	0
"2013-03-02	19:00:00"	5.711	195.68	59.855	18.396	62.558	26.654	0
"2013-03-02	20:00:00"	4.6516	143.63	52.603	23.303	0.14605	26.645	0
"2013-03-02	21:00:00"	4.6211	148.32	50.729	24.834	0.08331	26.639	0
"2013-03-02	22:00:00"	5.2469	146.09	48.658	26.616	0.0725	26.639	0
"2013-03-02	23:00:00"	4.9877	159.13	46.319	28.935	0.07017	26.63	0
"2013-03-03	00:00:00"	4.5155	165.48	44.209	31.431	0.06911	26.612	0
"2013-03-03	01:00:00"	3.6941	171.26	42.082	33.849	0.10472	26.592	0
"2013-03-03	02:00:00"	3.4617	175.16	41.945	33.523	0.09709	26.574	0
"2013-03-03	03:00:00"	3.7003	171.57	41.127	34.343	0.0744	26.559	0
"2013-03-03	04:00:00"	2.8185	217.65	40.049	35.51	0.07589	26.539	0
"2013-03-03	05:00:00"	3.5791	238.09	39.842	35.668	0.07419	26.515	0
"2013-03-03	06:00:00"	3.7531	227.82	38.695	36.595	0.0778	26.503	0
"2013-03-03	07:00:00"	4.7746	227.61	36.659	40.282	0.07546	26.503	0
"2013-03-03	08:00:00"	4.8983	225.23	36.523	40.913	40.807	26.497	0
"2013-03-03	09:00:00"	6.3517	218.85	40.44	36.428	128.67	26.497	0
"2013-03-03	10:00:00"	9.218	219.28	49.425	26.784	453.95	26.5	0
"2013-03-03	11:00:00"	10.775	217.27	57.945	20.357	670.11	26.477	0
"2013-03-03	12:00:00"	11.628	219.13	64.872	16.627	822.68	26.447	0
"2013-03-03	13:00:00"	14.571	215.8	71.045	13.384	913.65	26.4	0
"2013-03-03	14:00:00"	16.758	218.63	75.906	10.362	807.46	26.35	0
"2013-03-03	15:00:00"	19.777	232.23	79.398	7.7803	886.95	26.311	0
"2013-03-03	16:00:00"	18.712	252.04	79.816	6.5108	539.9	26.296	0
"2013-03-03	17:00:00"	20.888	242.21	77.986	7.1261	339.89	26.279	0
"2013-03-03	18:00:00"	20.351	239.68	76.914	7.4775	256.26	26.282	0
"2013-03-03	19:00:00"	12.683	240.01	73.822	7.5219	59.517	26.279	0
"2013-03-03	20:00:00"	7.2011	223.61	67.035	9.787	0.08161	26.276	0
"2013-03-03	21:00:00"	6.1168	234.57	64.436	10.733	0.06444	26.276	0
"2013-03-03	22:00:00"	3.7282	230.97	59.337	13.121	0.06296	26.27	0
"2013-03-03	23:00:00"	9.7139	246.56	61.602	11.594	0.06635	26.27	0
"2013-03-04	00:00:00"	13.946	251.95	64.972	10.06	0.06084	26.261	0
"2013-03-04	01:00:00"	12.09	259.86	65.56	10.414	0.04642	26.261	0
"2013-03-04	02:00:00"	10.679	272.53	64.935	11.993	0.06444	26.273	0
"2013-03-04	03:00:00"	8.4357	279.37	62.024	15.084	0.05575	26.264	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-04	04:00:00"	7.0321	271.98	59.335	17.733	0.06487	26.249	0
"2013-03-04	05:00:00"	9.3771	250.86	63.967	15.914	0.04727	26.249	0
"2013-03-04	06:00:00"	4.8461	301.1	61.328	17.226	0.06444	26.264	0
"2013-03-04	07:00:00"	4.7976	276.82	59.478	18.928	0.0725	26.273	0
"2013-03-04	08:00:00"	4.2005	310.14	57.368	21.934	15.931	26.285	0
"2013-03-04	09:00:00"	4.4229	230.43	57.623	22.398	181.11	26.302	0
"2013-03-04	10:00:00"	14.955	258.54	68.793	16.465	449.94	26.299	0
"2013-03-04	11:00:00"	21.468	266.54	73.012	11.702	565.23	26.291	0
"2013-03-04	12:00:00"	22.733	257.65	74.804	9.5928	818.41	26.273	0
"2013-03-04	13:00:00"	22.103	250.61	76.478	8.6353	887.83	26.243	0
"2013-03-04	14:00:00"	21.585	249.87	77.452	10.11	906.36	26.217	0
"2013-03-04	15:00:00"	22.289	255.75	77.908	12.835	807.48	26.193	0
"2013-03-04	16:00:00"	23.6	257.6	77.785	12.997	557.1	26.199	0
"2013-03-04	17:00:00"	21.126	273.28	77.007	12.393	402.04	26.199	0
"2013-03-04	18:00:00"	18.03	266.99	76.809	10.23	233.2	26.199	0
"2013-03-04	19:00:00"	11.537	260.15	74.402	11.347	35.996	26.211	0
"2013-03-04	20:00:00"	13.675	265.7	72.617	12.887	0.08564	26.24	0
"2013-03-04	21:00:00"	17.454	293.9	71.184	11.925	0.05893	26.294	0
"2013-03-04	22:00:00"	11.718	348.39	66.175	17.534	0.07928	26.35	0
"2013-03-04	23:00:00"	8.158	330.29	63.304	19.21	0.06614	26.394	0
"2013-03-05	00:00:00"	15.68	344.47	58.966	22.89	0.06423	26.426	0
"2013-03-05	01:00:00"	30.21	22.924	50.719	48.549	0.06911	26.524	0
"2013-03-05	02:00:00"	27.855	32.327	42.406	54.429	0.0708	26.583	0
"2013-03-05	03:00:00"	26.193	35.052	39.766	58.281	0.08331	26.612	0
"2013-03-05	04:00:00"	20.511	42.667	37.426	59.515	0.0831	26.651	0
"2013-03-05	05:00:00"	16.471	36.648	36.007	61.371	0.06444	26.701	0
"2013-03-05	06:00:00"	13.827	21.115	34.795	62.096	0.07377	26.731	0
"2013-03-05	07:00:00"	11.08	17.171	33.309	63.861	0.08204	26.778	0
"2013-03-05	08:00:00"	4.267	339.44	32.291	68.321	45.809	26.798	0
"2013-03-05	09:00:00"	9.113	354.69	35.523	60.711	238.07	26.813	0
"2013-03-05	10:00:00"	10.022	22.853	38.472	46.344	463.57	26.822	0
"2013-03-05	11:00:00"	10.447	37.596	41.145	37.774	658.53	26.816	0
"2013-03-05	12:00:00"	9.7996	44.388	44.253	31.813	803.2	26.81	0
"2013-03-05	13:00:00"	8.0107	40.729	46.493	28.702	876.61	26.793	0
"2013-03-05	14:00:00"	5.872	101.48	49.251	25.848	883.81	26.763	0
"2013-03-05	15:00:00"	5.7638	114.49	50.978	24.935	779.37	26.739	0
"2013-03-05	16:00:00"	5.5153	116.46	52.33	24.132	678.86	26.728	0
"2013-03-05	17:00:00"	5.5507	106.1	53.252	23.594	466.39	26.716	0
"2013-03-05	18:00:00"	5.7253	139.23	53.299	23.581	257.16	26.71	0
"2013-03-05	19:00:00"	5.7253	118.05	51.033	25.27	53.857	26.701	0
"2013-03-05	20:00:00"	5.1251	106.28	45.385	30.103	0.09687	26.707	0
"2013-03-05	21:00:00"	6.3088	111.19	43.035	32.953	0.07292	26.725	0
"2013-03-05	22:00:00"	6.3889	124.68	41.837	35.128	0.07949	26.742	0
"2013-03-05	23:00:00"	6.3914	109.06	40.73	37.115	0.07992	26.731	0
"2013-03-06	00:00:00"	6.2081	91.939	38.206	40.466	0.06911	26.719	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-06	01:00:00"	7.0625	101.29	38.201	41.268	0.06805	26.719	0
"2013-03-06	02:00:00"	7.0749	105.06	37.21	41.207	0.07377	26.704	0
"2013-03-06	03:00:00"	8.5749	121.1	37.056	37.458	0.06974	26.689	0
"2013-03-06	04:00:00"	8.6072	119.65	35.675	37.177	0.08882	26.674	0
"2013-03-06	05:00:00"	8.1915	123.43	35.424	34.893	0.05745	26.672	0
"2013-03-06	06:00:00"	7.2334	132.61	36.449	32.022	0.06275	26.683	0
"2013-03-06	07:00:00"	7.6186	138.77	37.77	29.44	0.06084	26.683	0
"2013-03-06	08:00:00"	9.3752	140.28	39.491	27.38	25.336	26.683	0
"2013-03-06	09:00:00"	13.022	140.69	42.411	24.857	177.25	26.701	0
"2013-03-06	10:00:00"	15.083	146.27	46.27	22.868	363.74	26.704	0
"2013-03-06	11:00:00"	16.282	166.78	49.794	20.709	471.53	26.68	0
"2013-03-06	12:00:00"	17.205	164.66	52.125	19.783	588.35	26.651	0
"2013-03-06	13:00:00"	16.262	155.26	55.256	18.136	856.74	26.604	0
"2013-03-06	14:00:00"	16.057	154.87	58.672	16.995	814.16	26.571	0
"2013-03-06	15:00:00"	13.935	170.53	60.256	16.681	771.16	26.542	0
"2013-03-06	16:00:00"	14.325	167.91	61.333	15.967	540.66	26.524	0
"2013-03-06	17:00:00"	12.762	166.76	61.838	15.765	430.28	26.518	0
"2013-03-06	18:00:00"	11.317	158.58	62.433	15.964	246.12	26.503	0
"2013-03-06	19:00:00"	9.3522	154.21	59.715	18.018	37.944	26.5	0
"2013-03-06	20:00:00"	8.6892	142.3	55.795	20.292	0.18336	26.506	0
"2013-03-06	21:00:00"	7.728	136.07	52.746	22.148	0.05723	26.506	0
"2013-03-06	22:00:00"	6.5909	145.87	49.002	24.943	0.06296	26.503	0
"2013-03-06	23:00:00"	4.8728	157.57	46.01	27.878	0.09433	26.503	0
"2013-03-07	00:00:00"	4.3639	188.04	43.468	30.613	0.07864	26.491	0
"2013-03-07	01:00:00"	6.3026	201.26	42.535	31.115	0.04791	26.488	0
"2013-03-07	02:00:00"	3.7755	215.16	40.938	32.418	0.07907	26.468	0
"2013-03-07	03:00:00"	4.1545	212.2	39.357	34.501	0.07038	26.456	0
"2013-03-07	04:00:00"	4.6404	221.01	38.636	35.876	0.0778	26.441	0
"2013-03-07	05:00:00"	5.107	209.07	40.652	33.644	0.07334	26.435	0
"2013-03-07	06:00:00"	3.901	245.61	38.803	36.174	0.08458	26.438	0
"2013-03-07	07:00:00"	3.2448	240.22	38.763	35.568	0.08416	26.447	0
"2013-03-07	08:00:00"	3.4989	226.68	38.994	35.247	47.863	26.468	0
"2013-03-07	09:00:00"	6.8084	186.19	43.589	30.551	167.27	26.483	0
"2013-03-07	10:00:00"	6.2473	187.31	49.455	26.159	303.43	26.485	0
"2013-03-07	11:00:00"	5.9409	180.98	55.994	22.481	619.96	26.48	0
"2013-03-07	12:00:00"	7.7243	173.23	63.543	18.506	826.22	26.471	0
"2013-03-07	13:00:00"	9.7387	175.39	69.385	15.821	889.03	26.453	0
"2013-03-07	14:00:00"	9.0987	175.37	73.095	14.161	929.67	26.426	0
"2013-03-07	15:00:00"	9.9401	184.28	74.282	13.835	720.54	26.403	0
"2013-03-07	16:00:00"	9.5312	182.37	74.817	13.903	547.88	26.391	0
"2013-03-07	17:00:00"	11.771	170.64	74.24	13.947	309.9	26.385	0
"2013-03-07	18:00:00"	13.128	162.02	71.499	15.079	166.89	26.388	0
"2013-03-07	19:00:00"	11.193	156.87	67.104	17.462	33.404	26.394	0
"2013-03-07	20:00:00"	7.7926	141.36	62.577	21.694	0.09921	26.412	0
"2013-03-07	21:00:00"	8.5973	142.95	59.45	27.192	0.0619	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-07	22:00:00"	11.592	164.53	56.93	32.758	0.07419	26.435	0
"2013-03-07	23:00:00"	8.739	161.94	54.077	43.338	0.08458	26.444	0
"2013-03-08	00:00:00"	8.9968	169.67	53.255	58.299	0.0778	26.423	0
"2013-03-08	01:00:00"	12.078	179.06	54.401	64.341	0.06508	26.426	0
"2013-03-08	02:00:00"	9.6343	207.53	54.885	64.562	0.06084	26.429	0
"2013-03-08	03:00:00"	6.1845	220.35	52.69	68.93	0.07652	26.426	0
"2013-03-08	04:00:00"	4.4211	218.95	51.099	72.24	0.05321	26.406	0
"2013-03-08	05:00:00"	6.3423	185.63	51.686	71.64	0.06762	26.409	0
"2013-03-08	06:00:00"	3.9699	181.03	53.651	64.273	0.07546	26.415	0
"2013-03-08	07:00:00"	3.3883	154.26	55.309	58.759	0.09687	26.412	0
"2013-03-08	08:00:00"	4.2806	148.02	55.039	58.733	16.657	26.418	0
"2013-03-08	09:00:00"	7.2607	178.77	56.266	58.447	81.922	26.438	0
"2013-03-08	10:00:00"	9.387	192.71	58.913	57.518	322.23	26.435	0
"2013-03-08	11:00:00"	14.379	192.4	64.932	46.458	648.87	26.423	0
"2013-03-08	12:00:00"	13.848	213.96	69.005	35.599	809.22	26.409	0
"2013-03-08	13:00:00"	12.799	216.81	71.684	29.563	887.39	26.37	0
"2013-03-08	14:00:00"	15.383	200.7	74.015	26.123	892.28	26.332	0
"2013-03-08	15:00:00"	15.812	198.46	75.246	24.975	832.1	26.308	0
"2013-03-08	16:00:00"	15.152	198.79	75.395	24.84	547.48	26.294	0
"2013-03-08	17:00:00"	14.095	191.29	75.564	25.31	423.09	26.27	0
"2013-03-08	18:00:00"	16.024	172.82	74.628	28.826	225.83	26.261	0
"2013-03-08	19:00:00"	12.77	156.51	71.8	33.089	20.563	26.261	0
"2013-03-08	20:00:00"	14.957	148.96	69.13	41.065	0.138	26.261	0
"2013-03-08	21:00:00"	18.888	163.25	65.724	54.789	0.06677	26.279	0
"2013-03-08	22:00:00"	17.516	168.12	62.524	64.696	0.05723	26.291	0
"2013-03-08	23:00:00"	15.417	171.71	59.226	76.396	0.07822	26.273	0
"2013-03-09	00:00:00"	11.296	183.91	57.92	80.194	0.07165	26.273	0
"2013-03-09	01:00:00"	12.864	188.65	58.691	79.479	0.06953	26.255	0
"2013-03-09	02:00:00"	11.372	183.92	57.052	83.015	0.07462	26.237	0
"2013-03-09	03:00:00"	11.157	178.84	55.483	86.759	0.0778	26.226	0
"2013-03-09	04:00:00"	9.4667	182.43	54.429	89.902	0.07483	26.217	0
"2013-03-09	05:00:00"	10.555	178.13	52.928	91.935	0.07017	26.214	0
"2013-03-09	06:00:00"	9.1447	191.47	52.183	92.776	0.06932	26.243	0
"2013-03-09	07:00:00"	6.5474	264.44	51.33	90.091	0.1274	26.267	0
"2013-03-09	08:00:00"	7.4521	283.45	50.135	78.057	38.646	26.282	0
"2013-03-09	09:00:00"	9.0316	280.09	53.467	52.356	242.5	26.291	0
"2013-03-09	10:00:00"	16.682	280.87	56.05	38.513	383.05	26.294	0
"2013-03-09	11:00:00"	19.815	272.99	56.324	33.926	359.04	26.279	0
"2013-03-09	12:00:00"	21.945	264.54	58.304	30.363	435.46	26.279	0
"2013-03-09	13:00:00"	27.127	260.07	59.76	27.689	637.72	26.267	0
"2013-03-09	14:00:00"	25.851	266.77	60.788	25.464	814.14	26.232	0
"2013-03-09	15:00:00"	25.608	264.04	61.909	22.4	798.53	26.226	0
"2013-03-09	16:00:00"	23.062	262.72	61.973	20.486	667.11	26.226	0
"2013-03-09	17:00:00"	22.127	264.79	61.398	19.108	444.06	26.211	0
"2013-03-09	18:00:00"	21.05	271.89	60.234	17.785	219.47	26.214	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-09	19:00:00"	20.73	279.72	58.387	16.484	60.303	26.214	0
"2013-03-09	20:00:00"	20.438	283.64	56.322	17.462	0.18887	26.223	0
"2013-03-09	21:00:00"	16.107	296.46	54.739	20.805	0.06529	26.249	0
"2013-03-09	22:00:00"	15.322	311.93	52.714	26.108	0.06805	26.291	0
"2013-03-09	23:00:00"	15.066	314.98	51.487	29.439	0.07928	26.311	0
"2013-03-10	00:00:00"	11.726	318.81	49.497	30.964	0.06041	26.341	0
"2013-03-10	01:00:00"	11.835	328.57	47.436	32.533	0.05914	26.376	0
"2013-03-10	02:00:00"	13.845	0.28466	43.766	38.142	0.06656	26.397	0
"2013-03-10	03:00:00"	13.366	358.55	41.344	41.884	0.08204	26.394	0
"2013-03-10	04:00:00"	14.249	8.5801	39.687	46.72	0.09264	26.406	0
"2013-03-10	05:00:00"	11.544	14.995	38.034	50.273	0.08034	26.438	0
"2013-03-10	06:00:00"	8.6215	17.595	35.975	54.443	0.07398	26.459	0
"2013-03-10	07:00:00"	10.97	10.934	35.562	54.765	0.21601	26.477	0
"2013-03-10	08:00:00"	11.923	8.6623	35.686	52.349	62.744	26.512	0
"2013-03-10	09:00:00"	22.886	18.002	37.928	35.836	270.54	26.512	0
"2013-03-10	10:00:00"	22.322	20.791	40.696	29.678	491.66	26.533	0
"2013-03-10	11:00:00"	20.564	16.159	43.067	26.621	668.65	26.553	0
"2013-03-10	12:00:00"	17.354	17.236	45.247	25.017	800.34	26.553	0
"2013-03-10	13:00:00"	14.749	10.974	47.365	23.456	844.61	26.536	0
"2013-03-10	14:00:00"	14.059	2.1748	49.101	22.139	922.29	26.524	0
"2013-03-10	15:00:00"	13.955	358.79	49.683	22.34	826.64	26.512	0
"2013-03-10	16:00:00"	13.275	355.74	49.448	23.023	557.04	26.506	0
"2013-03-10	17:00:00"	13.473	347.51	49.681	23.389	428.09	26.503	0
"2013-03-10	18:00:00"	13.346	347.99	49.102	25.723	175.75	26.518	0
"2013-03-10	19:00:00"	8.8141	353.72	46.695	29.571	31.095	26.542	0
"2013-03-10	20:00:00"	3.4548	338.42	43.068	33.688	0.31861	26.55	0
"2013-03-10	21:00:00"	2.209	279.07	40.762	36.982	0.06169	26.568	0
"2013-03-10	22:00:00"	5.4519	300.37	41.048	35.301	0.07186	26.577	0
"2013-03-10	23:00:00"	5.4755	307.85	40.352	35.594	0.07101	26.568	0
"2013-03-11	01:00:00"	5.0331	328.2	38.32	38.211	0.07992	26.562	0
"2013-03-11	02:00:00"	5.6135	338.91	35.567	42.328	0.08013	26.562	0
"2013-03-11	03:00:00"	5.9552	18.307	35.181	43.472	0.08564	26.559	0
"2013-03-11	04:00:00"	4.6584	23.098	35.995	42.151	0.09221	26.536	0
"2013-03-11	05:00:00"	4.5627	18.754	36.63	40.869	0.0903	26.53	0
"2013-03-11	06:00:00"	1.7945	5.9371	35.3	41.226	0.07886	26.527	0
"2013-03-11	07:00:00"	0.77112	46.907	32.228	46.799	0.08098	26.524	0
"2013-03-11	08:00:00"	1.4963	278.12	32.214	48.525	0.27854	26.524	0
"2013-03-11	09:00:00"	2.0648	258.56	30.978	52.801	66.906	26.533	0
"2013-03-11	10:00:00"	5.3786	243.89	38.512	41.083	269.4	26.545	0
"2013-03-11	11:00:00"	7.9461	257.2	46.837	30.574	494.27	26.542	0
"2013-03-11	12:00:00"	10.557	274.99	56.083	23.361	690.43	26.539	0
"2013-03-11	13:00:00"	12.1	252.06	60.26	19.239	832.52	26.515	0
"2013-03-11	14:00:00"	13.01	239.08	62.848	16.779	912.81	26.494	0
"2013-03-11	15:00:00"	12.893	234.48	64.923	15.067	934.02	26.462	0
"2013-03-11	16:00:00"	13.227	229.56	66.469	13.828	861.59	26.435	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-11	17:00:00"	12.825	228.81	67.982	12.632	721.95	26.42	0
"2013-03-11	18:00:00"	11.573	236.44	68.523	11.389	524.7	26.391	0
"2013-03-11	19:00:00"	11.224	233.27	68.218	10.696	286.19	26.391	0
"2013-03-11	20:00:00"	6.4859	224.93	65.766	11.999	77.176	26.388	0
"2013-03-11	21:00:00"	2.5458	188.33	57.891	15.836	0.33132	26.409	0
"2013-03-11	22:00:00"	2.9894	202.02	54.462	19.029	0.07398	26.412	0
"2013-03-11	23:00:00"	1.8747	215.26	50.708	22.48	0.07822	26.42	0
"2013-03-12	00:00:00"	2.0971	251.62	48.567	24.932	0.0566	26.426	0
"2013-03-12	01:00:00"	1.4515	290.91	47.95	26.248	0.07546	26.426	0
"2013-03-12	02:00:00"	3.7972	289.75	50.092	25.034	0.06889	26.423	0
"2013-03-12	03:00:00"	3.6139	254.13	47.399	27.183	0.08479	26.426	0
"2013-03-12	04:00:00"	3.6425	263.62	42.795	32.889	0.07568	26.418	0
"2013-03-12	05:00:00"	2.5787	252.39	40.913	35.138	0.08246	26.426	0
"2013-03-12	06:00:00"	3.4001	275.6	42.289	33.518	0.07631	26.441	0
"2013-03-12	07:00:00"	4.4155	291.94	45.021	29.916	0.06105	26.456	0
"2013-03-12	08:00:00"	11.858	330.21	45.565	30.796	0.29105	26.506	0
"2013-03-12	09:00:00"	18.779	5.9538	42.227	45.346	67.887	26.545	0
"2013-03-12	10:00:00"	20.238	11.161	42.576	51.528	271.25	26.58	0
"2013-03-12	11:00:00"	21.601	17.916	45.912	45.419	494.71	26.604	0
"2013-03-12	12:00:00"	21.93	20.382	49.547	40.279	683.41	26.624	0
"2013-03-12	13:00:00"	19.361	18.501	53.128	37.037	815.9	26.63	0
"2013-03-12	14:00:00"	18.55	27.947	56.541	32.659	888.18	26.63	0
"2013-03-12	15:00:00"	17.657	31.883	59.489	27.083	886.09	26.621	0
"2013-03-12	16:00:00"	14.607	38.84	60.768	23.593	816.65	26.615	0
"2013-03-12	17:00:00"	13.023	55.31	61.784	21.474	684.57	26.621	0
"2013-03-12	18:00:00"	13.369	53.399	61.981	20.81	497.69	26.627	0
"2013-03-12	19:00:00"	12.657	62.487	61.086	21.194	276.2	26.627	0
"2013-03-12	20:00:00"	9.7363	67.006	58.331	22.866	72.325	26.651	0
"2013-03-12	21:00:00"	6.2466	62.903	51.576	28.253	0.42036	26.677	0
"2013-03-12	22:00:00"	7.0855	46.12	45.751	34.213	0.06677	26.707	0
"2013-03-12	23:00:00"	7.0147	61.736	44.042	36.301	0.07589	26.728	0
"2013-03-13	00:00:00"	7.2794	68.48	42.269	38.143	0.08225	26.731	0
"2013-03-13	01:00:00"	6.8065	81.527	39.886	41.281	0.07695	26.728	0
"2013-03-13	02:00:00"	7.1408	78.101	38.483	43.914	0.08267	26.736	0
"2013-03-13	03:00:00"	6.7108	76.538	37.591	46.83	0.08119	26.742	0
"2013-03-13	04:00:00"	6.5393	74.805	35.245	50.94	0.06995	26.734	0
"2013-03-13	05:00:00"	7.7665	81.603	36.383	51.579	0.0867	26.731	0
"2013-03-13	06:00:00"	6.7375	72.524	34.554	54.951	0.06084	26.736	0
"2013-03-13	07:00:00"	6.8463	55.956	32.801	59.318	0.06359	26.754	0
"2013-03-13	08:00:00"	6.8121	54.05	32.26	62.456	0.3504	26.769	0
"2013-03-13	09:00:00"	2.296	14.005	33.403	62.671	69.454	26.778	0
"2013-03-13	10:00:00"	8.6787	162.26	43.037	46.129	274.24	26.784	0
"2013-03-13	11:00:00"	12.41	174.52	48.443	37.282	499.58	26.793	0
"2013-03-13	12:00:00"	11.853	185.89	52.81	32.42	689.71	26.784	0
"2013-03-13	13:00:00"	11.587	192.02	56.607	28.449	828.97	26.775	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-13	14:00:00"	8.9732	195.28	59.721	25.828	904.7	26.748	0
"2013-03-13	15:00:00"	9.6667	188.97	62.343	23.724	914.77	26.719	0
"2013-03-13	16:00:00"	9.9307	185.62	65.351	21.056	861.23	26.686	0
"2013-03-13	17:00:00"	10.815	189.74	67.27	19.111	721.66	26.666	0
"2013-03-13	18:00:00"	11.038	190.56	68.634	17.944	524.38	26.648	0
"2013-03-13	19:00:00"	10.753	186	68.525	17.877	294.78	26.642	0
"2013-03-13	20:00:00"	7.0718	176.97	66.351	19.071	82.661	26.648	0
"2013-03-13	21:00:00"	4.8212	149.58	59.014	23.288	0.45491	26.651	0
"2013-03-13	22:00:00"	5.273	131.9	56.177	25.79	0.06275	26.657	0
"2013-03-13	23:00:00"	6.7052	143.13	55.258	27.017	0.07229	26.663	0
"2013-03-14	00:00:00"	8.0057	163.03	54.469	27.947	0.07801	26.669	0
"2013-03-14	01:00:00"	7.764	173.95	51.837	32.478	0.06465	26.657	0
"2013-03-14	02:00:00"	5.4196	190.6	50.11	37.436	0.07356	26.648	0
"2013-03-14	03:00:00"	3.9208	205.8	47.823	41.767	0.07886	26.642	0
"2013-03-14	04:00:00"	4.2259	202.76	45.887	45.319	0.06995	26.624	0
"2013-03-14	05:00:00"	3.8078	216.28	45.094	49.864	0.07992	26.615	0
"2013-03-14	06:00:00"	3.3691	239.59	44.093	53.863	0.0566	26.627	0
"2013-03-14	07:00:00"	2.954	266.07	44.408	52.719	0.10239	26.642	0
"2013-03-14	08:00:00"	3.5754	265.94	44.514	53.38	0.41993	26.651	0
"2013-03-14	09:00:00"	4.0849	227.77	45.746	51.984	75.562	26.663	0
"2013-03-14	10:00:00"	7.8038	212.98	52.106	42.187	282.37	26.683	0
"2013-03-14	11:00:00"	8.8228	219.47	57.696	33.502	506.74	26.68	0
"2013-03-14	12:00:00"	8.2226	231.83	64.545	24.823	708.33	26.683	0
"2013-03-14	13:00:00"	7.5714	248.2	70.581	18.861	864.96	26.672	0
"2013-03-14	14:00:00"	8.4774	239.62	75.886	12.934	939.33	26.648	0
"2013-03-14	15:00:00"	7.3309	253.63	78.014	10.544	912.07	26.621	0
"2013-03-14	16:00:00"	9.3665	223.99	79.573	9.5319	866.99	26.595	0
"2013-03-14	17:00:00"	9.3249	240.53	79.94	9.3947	723.49	26.583	0
"2013-03-14	18:00:00"	7.7535	241.48	80.298	9.0153	525.29	26.574	0
"2013-03-14	19:00:00"	8.2736	230.11	79.536	9.2078	294.27	26.571	0
"2013-03-14	20:00:00"	7.5503	194.16	75.967	10.869	82.338	26.571	0
"2013-03-14	21:00:00"	5.3301	173.18	67.699	14.076	0.50642	26.574	0
"2013-03-14	22:00:00"	4.8262	184.54	63.006	16.376	0.05278	26.577	0
"2013-03-14	23:00:00"	7.1383	193.47	60.734	20.45	0.07525	26.589	0
"2013-03-15	00:00:00"	6.5778	202.77	58.823	29.186	0.08119	26.598	0
"2013-03-15	01:00:00"	4.646	213.79	55.744	36.913	0.06253	26.595	0
"2013-03-15	02:00:00"	4.8063	221.03	53.897	43.491	0.06041	26.586	0
"2013-03-15	03:00:00"	4.4826	224.52	51.994	47.743	0.06889	26.58	0
"2013-03-15	04:00:00"	3.7742	236.91	50.992	49.895	0.05575	26.562	0
"2013-03-15	05:00:00"	3.7388	223.5	50.503	50.841	0.07419	26.545	0
"2013-03-15	06:00:00"	3.5058	227.66	49.725	52.773	0.05045	26.539	0
"2013-03-15	07:00:00"	4.0215	236.2	48.514	55.085	0.0424	26.542	0
"2013-03-15	08:00:00"	4.0588	240.2	47.634	56.691	0.49688	26.545	0
"2013-03-15	09:00:00"	4.1787	252.08	47.696	56.117	79.638	26.545	0
"2013-03-15	10:00:00"	6.7363	236.09	52.856	47.547	288.8	26.545	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-15	11:00:00"	7.6702	234.45	58.964	37.527	514.36	26.536	0
"2013-03-15	12:00:00"	7.8193	223.4	66.608	26.558	723.84	26.527	0
"2013-03-15	13:00:00"	9.5418	226.14	73.435	19.346	876	26.512	0
"2013-03-15	14:00:00"	10.52	234.83	79.194	13.311	948.42	26.474	0
"2013-03-15	15:00:00"	12.354	235.59	82.349	9.7186	947.69	26.432	0
"2013-03-15	16:00:00"	13.242	236.65	83.964	8.5158	873.52	26.403	0
"2013-03-15	17:00:00"	12.421	239.94	84.893	7.3686	733.59	26.379	0
"2013-03-15	18:00:00"	11.68	240.51	85.239	6.7803	535.2	26.367	0
"2013-03-15	19:00:00"	8.9279	242.21	84.725	6.6039	305.51	26.358	0
"2013-03-15	20:00:00"	5.9136	231.37	81.478	7.6572	86.554	26.356	0
"2013-03-15	21:00:00"	4.0513	180.02	71.665	10.423	0.32899	26.353	0
"2013-03-15	22:00:00"	6.4312	175.73	67	11.986	0.05639	26.35	0
"2013-03-15	23:00:00"	11.643	180.41	65.478	17.377	0.07144	26.356	0
"2013-03-16	00:00:00"	13.253	187.65	64.858	25.094	0.05215	26.353	0
"2013-03-16	01:00:00"	11.591	192.78	62.658	32.293	0.07907	26.344	0
"2013-03-16	02:00:00"	10.089	201.64	60.356	37.428	0.06677	26.332	0
"2013-03-16	03:00:00"	5.9273	224.89	56.483	43.089	0.06805	26.32	0
"2013-03-16	04:00:00"	5.3189	228.9	53.653	47.828	0.04748	26.305	0
"2013-03-16	05:00:00"	4.5174	242.73	50.95	52.533	0.0761	26.291	0
"2013-03-16	06:00:00"	4.3247	231.77	48.973	56.475	0.08034	26.279	0
"2013-03-16	07:00:00"	5.1021	251.12	47.233	59.447	0.0672	26.282	0
"2013-03-16	08:00:00"	4.2433	261.88	46.228	61.499	1.0273	26.291	0
"2013-03-16	09:00:00"	4.2272	256.27	47.803	57.623	101.46	26.299	0
"2013-03-16	10:00:00"	6.4672	241.2	56.216	40.773	297.56	26.302	0
"2013-03-16	11:00:00"	6.4038	258.34	66.41	23.033	538.98	26.302	0
"2013-03-16	12:00:00"	10.966	290.1	76.578	12.855	607.42	26.299	0
"2013-03-16	13:00:00"	11.672	305.42	82.002	9.9517	880.62	26.285	0
"2013-03-16	14:00:00"	8.5644	290.72	84.195	8.967	969.03	26.261	0
"2013-03-16	15:00:00"	8.4227	275.53	85.312	8.3792	937.35	26.229	0
"2013-03-16	16:00:00"	7.1818	280.55	85.883	7.8103	874.57	26.202	0
"2013-03-16	17:00:00"	10.074	242.98	86.057	5.89	615.15	26.184	0
"2013-03-16	18:00:00"	12.046	245.77	85.234	5.8075	489.04	26.175	0
"2013-03-16	19:00:00"	9.6201	254.96	84.579	5.4111	317.57	26.175	0
"2013-03-16	20:00:00"	4.856	239.5	81.502	5.7764	85.064	26.178	0
"2013-03-16	21:00:00"	7.2011	33.712	72.266	16.221	0.36694	26.199	0
"2013-03-16	22:00:00"	8.6476	71.713	65.675	27.878	0.06275	26.22	0
"2013-03-16	23:00:00"	7.5615	74.315	61.857	32.354	0.06105	26.229	0
"2013-03-17	00:00:00"	9.7673	90.144	60.067	35.65	0.07462	26.229	0
"2013-03-17	01:00:00"	12.503	43.898	60.19	38.497	0.06997	26.243	0
"2013-03-17	02:00:00"	11.993	54.751	56.375	46.16	0.06805	0	0
"2013-03-17	03:00:00"	14.702	60.346	54.475	51.191	0.0814	26.246	0
"2013-03-17	04:00:00"	12.998	44.355	50.984	58.166	0.06402	26.261	0
"2013-03-17	05:00:00"	13.614	32.506	48.164	63.846	0.06359	26.27	0
"2013-03-17	06:00:00"	13.263	29.616	45.841	69.509	0.07377	26.276	0
"2013-03-17	07:00:00"	12.373	33.295	43.808	73.077	0.06063	26.27	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-17	08:00:00"	8.537	29.463	41.427	77.324	0.59291	26.305	0
"2013-03-17	09:00:00"	5.4898	357.3	41.386	76.592	77.582	26.326	0
"2013-03-17	10:00:00"	8.5457	27.621	47.218	62.097	284.49	26.341	0
"2013-03-17	11:00:00"	4.7653	45.17	51.833	51.601	507.42	26.344	0
"2013-03-17	12:00:00"	3.3834	303.63	56.191	44.318	698.37	26.332	0
"2013-03-17	13:00:00"	5.4575	240	60.563	39.859	837.59	26.305	0
"2013-03-17	14:00:00"	8.3357	243.9	64.417	34.789	915.1	26.279	0
"2013-03-17	15:00:00"	10.084	225.84	68.424	28.95	938.16	26.234	0
"2013-03-17	16:00:00"	11.321	227.14	72.173	22.976	868.38	26.196	0
"2013-03-17	17:00:00"	11.055	247.04	75.276	17.936	725.52	26.164	0
"2013-03-17	18:00:00"	13.681	234.1	77.197	14.368	506.05	26.14	0
"2013-03-17	19:00:00"	17.948	243.03	77.97	12.193	257.36	26.137	0
"2013-03-17	20:00:00"	21.909	289.72	75.308	13.439	18.357	26.181	0
"2013-03-17	21:00:00"	17.982	322.74	71.289	18.175	0.276	26.211	0
"2013-03-17	22:00:00"	7.4689	272.79	69.201	19.687	0.09052	26.205	0
"2013-03-17	23:00:00"	2.2195	265.14	64.998	22.015	0.06889	26.211	0
"2013-03-18	00:00:00"	2.391	215.22	59.232	25.604	0.07334	26.22	0
"2013-03-18	01:00:00"	2.5259	227.11	56.005	28.666	0.06084	26.234	0
"2013-03-18	02:00:00"	4.6044	246.89	56.158	27.782	0.06063	26.243	0
"2013-03-18	03:00:00"	5.9813	284.6	59.023	19.946	0.07017	26.255	0
"2013-03-18	04:00:00"	7.7982	287.38	58.573	18.654	0.07483	26.267	0
"2013-03-18	05:00:00"	8.4836	298.46	55.525	20.191	0.07568	26.279	0
"2013-03-18	06:00:00"	9.3597	319.57	52.474	22.175	0.0814	26.305	0
"2013-03-18	07:00:00"	4.8231	21.404	50.982	22.516	0.06847	26.332	0
"2013-03-18	08:00:00"	9.538	328.6	50.116	22.833	0.84241	26.35	0
"2013-03-18	09:00:00"	9.9718	353.3	53.877	17.584	95.914	26.388	0
"2013-03-18	10:00:00"	16.486	16.944	55.891	21.604	306.02	26.426	0
"2013-03-18	11:00:00"	17.261	32.645	54.422	34.638	499.68	26.45	0
"2013-03-18	12:00:00"	14.726	40.55	56.094	35.145	650.56	26.462	0
"2013-03-18	13:00:00"	10.931	47.885	58.47	31.595	702.64	26.465	0
"2013-03-18	14:00:00"	7.106	80.853	61.795	26.896	833.42	26.441	0
"2013-03-18	15:00:00"	5.0766	109.36	65.278	21.333	667.77	26.415	0
"2013-03-18	16:00:00"	5.785	178.76	68.047	17.282	651.16	26.388	0
"2013-03-18	17:00:00"	6.5486	215.64	71.22	13.466	654.36	26.37	0
"2013-03-18	18:00:00"	11.364	206.18	73.588	12.094	547.65	26.353	0
"2013-03-18	19:00:00"	12.105	218.08	74.011	10.43	302.39	26.344	0
"2013-03-18	20:00:00"	10.027	242.69	72.867	8.0533	90.351	26.344	0
"2013-03-18	21:00:00"	4.6702	198.75	64.71	10.418	0.74617	26.358	0
"2013-03-18	22:00:00"	4.7106	194.71	59.988	13.012	0.06741	26.379	0
"2013-03-18	23:00:00"	1.907	213.35	57.079	14.612	0.06826	26.385	0
"2013-03-19	00:00:00"	2.6477	207.78	54.153	16.158	0.07144	26.391	0
"2013-03-19	01:00:00"	2.9248	205.66	52.599	17.401	0.06253	26.382	0
"2013-03-19	02:00:00"	4.3179	169.15	50.299	19.966	0.07144	26.385	0
"2013-03-19	03:00:00"	6.2703	173.84	51.123	23.12	0.08288	26.379	0
"2013-03-19	04:00:00"	3.3666	215.59	50.149	24.981	0.06487	26.376	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-19	05:00:00"	4.2844	232.41	51.084	24.612	0.05172	26.379	0
"2013-03-19	06:00:00"	3.5257	239.89	47.384	28.199	0.06084	26.373	0
"2013-03-19	07:00:00"	1.6982	233.86	46.88	28.325	0.07207	26.379	0
"2013-03-19	08:00:00"	2.3407	214.53	47.717	27.814	0.52507	26.394	0
"2013-03-19	09:00:00"	2.7595	249.97	47.759	28.286	95.903	26.406	0
"2013-03-19	10:00:00"	5.1083	240.93	54.043	23.451	321.75	26.412	0
"2013-03-19	11:00:00"	4.1992	301.23	60.842	17.716	371.94	26.412	0
"2013-03-19	12:00:00"	4.257	277.16	67.024	12.934	480.8	26.409	0
"2013-03-19	13:00:00"	5.5234	309.56	71.902	9.7297	451.14	26.403	0
"2013-03-19	14:00:00"	7.147	310.43	73.042	8.947	397.45	26.394	0
"2013-03-19	15:00:00"	7.6255	307.76	73.089	9.6358	356.57	26.382	0
"2013-03-19	16:00:00"	8.4227	298.45	72.442	10.916	245.52	26.379	0
"2013-03-19	17:00:00"	7.0283	337.61	72.472	10.304	260.35	26.376	0
"2013-03-19	18:00:00"	13.737	53.878	70.906	14.162	213.77	26.382	0
"2013-03-19	19:00:00"	17.737	51.178	68.134	16.551	189.53	26.403	0
"2013-03-19	20:00:00"	16.347	51.5	64.835	19.353	64.174	26.435	0
"2013-03-19	21:00:00"	12.649	53.429	59.827	26.879	0.62746	26.462	0
"2013-03-19	22:00:00"	16.734	56.069	56.465	42.461	0.07207	26.515	0
"2013-03-19	23:00:00"	17.008	57.077	52.851	50.214	0.07271	26.559	0
"2013-03-20	00:00:00"	16.161	54.963	49.176	53.482	0.07334	26.577	0
"2013-03-20	01:00:00"	12.788	51.816	46.493	59.173	0.08225	26.601	0
"2013-03-20	02:00:00"	10.291	52.278	44.013	65.046	0.06911	26.598	0
"2013-03-20	03:00:00"	9.7518	23.044	43.51	67.756	0.0708	26.63	0
"2013-03-20	04:00:00"	8.1878	16.741	41.188	72.506	0.06317	26.639	0
"2013-03-20	05:00:00"	7.1656	10.389	39.288	77.835	0.08564	26.639	0
"2013-03-20	06:00:00"	8.3748	16.921	38.21	80.515	0.07758	26.654	0
"2013-03-20	07:00:00"	6.0211	16.897	35.985	82.72	0.0744	26.669	0
"2013-03-20	08:00:00"	6.8991	10.059	35.997	83.228	1.6549	26.698	0
"2013-03-20	09:00:00"	8.78	12.695	37.839	79.316	95.048	26.722	0
"2013-03-20	10:00:00"	10.602	38.583	44.082	60.971	308.27	26.725	0
"2013-03-20	11:00:00"	11.347	69.353	49.716	40.336	532.97	26.725	0
"2013-03-20	12:00:00"	12.337	106.28	53.618	32.087	718.33	26.71	0
"2013-03-20	13:00:00"	12.721	120.97	56.275	26.857	844.34	26.677	0
"2013-03-20	14:00:00"	12.806	138.82	58.605	26.768	871.71	26.633	0
"2013-03-20	15:00:00"	12.772	156.37	60.291	25.786	769.21	26.592	0
"2013-03-20	16:00:00"	11.574	167.14	61.295	25.413	671.35	26.547	0
"2013-03-20	17:00:00"	12.559	175.19	62.64	24.947	591.7	26.509	0
"2013-03-20	18:00:00"	12.784	167.88	62.786	25.248	353.57	26.483	0
"2013-03-20	19:00:00"	11.937	177.54	63.122	25.119	193.04	26.456	0
"2013-03-20	20:00:00"	10.049	180.63	61.586	28.335	33.539	26.444	0
"2013-03-20	21:00:00"	5.5718	190.06	57.912	34.027	0.32942	26.429	0
"2013-03-20	22:00:00"	3.4213	180.03	54.127	39.723	0.07758	26.423	0
"2013-03-20	23:00:00"	1.8014	178.35	53.577	42.225	0.06889	26.409	0
"2013-03-21	00:00:00"	2.204	128.13	51.579	45.325	0.05617	26.385	0
"2013-03-21	01:00:00"	7.2468	170.52	51.688	46.497	0.07674	26.364	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-21	02:00:00"	8.0082	188.83	51.422	51.344	0.08564	26.32	0
"2013-03-21	03:00:00"	8.9235	191.7	51.09	56.613	0.08204	26.291	0
"2013-03-21	04:00:00"	10.061	184.78	51.483	64.114	0.05617	26.264	0
"2013-03-21	05:00:00"	5.7284	197.74	48.638	71.762	0.07059	26.234	0
"2013-03-21	06:00:00"	7.8373	207.32	48.472	79.618	0.08288	26.214	0
"2013-03-21	07:00:00"	8.5457	209.72	47.323	84.092	0.06529	26.205	0
"2013-03-21	08:00:00"	8.2127	214.37	46.321	87.469	0.69381	26.196	0
"2013-03-21	09:00:00"	10.097	211.28	46.737	88.812	76.18	26.193	0
"2013-03-21	10:00:00"	8.7153	211.97	50.801	80.649	236.36	26.205	0
"2013-03-21	11:00:00"	8.9863	233.37	56.911	61.161	493.52	26.211	0
"2013-03-21	12:00:00"	9.8239	262.41	66.32	35.902	699.65	26.184	0
"2013-03-21	13:00:00"	12.763	276.87	74.293	18.48	892	26.164	0
"2013-03-21	14:00:00"	14.787	281.06	76.759	14.935	947.89	26.14	0
"2013-03-21	15:00:00"	15.632	272.8	78.861	13.224	938.9	26.11	0
"2013-03-21	16:00:00"	14.918	280.94	80.837	12.501	941.94	26.078	0
"2013-03-21	17:00:00"	14.686	286.63	80.454	11.941	561.95	26.066	0
"2013-03-21	18:00:00"	19.681	292.98	80.517	10.341	424.52	26.066	0
"2013-03-21	19:00:00"	17.772	293.08	80.272	9.4036	389.65	26.081	0
"2013-03-21	20:00:00"	12.399	281.04	77.816	9.8719	90.546	26.087	0
"2013-03-21	21:00:00"	5.6949	284.72	71.42	12.243	0.52952	26.107	0
"2013-03-21	22:00:00"	6.5499	259.5	66.732	15.055	0.0761	26.125	0
"2013-03-21	23:00:00"	3.4424	249.6	62.133	19.256	0.05596	26.143	0
"2013-03-22	00:00:00"	4.874	267.92	61.048	20.779	0.08416	26.143	0
"2013-03-22	01:00:00"	6.3386	288.73	61.755	21.116	0.06508	26.146	0
"2013-03-22	02:00:00"	6.0832	290.62	61.614	22.097	0.05066	26.137	0
"2013-03-22	03:00:00"	6.6555	295.54	60.052	23.803	0.06275	26.14	0
"2013-03-22	04:00:00"	10.936	318.08	58.083	25.347	0.06656	26.137	0
"2013-03-22	05:00:00"	10.568	323.29	57.443	25.314	0.06147	26.149	0
"2013-03-22	06:00:00"	4.2216	274.91	49.76	32.534	0.08352	26.172	0
"2013-03-22	07:00:00"	8.6333	357.22	49.96	28.423	0.04664	26.196	0
"2013-03-22	08:00:00"	11.786	29.187	45.849	42.007	0.93822	26.226	0
"2013-03-22	09:00:00"	15.397	42.167	44.515	64.752	95.19	26.258	0
"2013-03-22	10:00:00"	20.158	49.186	46.25	74.999	235.93	26.264	0
"2013-03-22	11:00:00"	18.54	49.83	48.487	71.332	358.51	26.282	0
"2013-03-22	12:00:00"	14.689	57.803	48.803	67.634	513	26.305	0
"2013-03-22	13:00:00"	12.864	50.309	52.09	58.263	853.62	26.296	0
"2013-03-22	14:00:00"	11.487	35.723	54.327	53.131	839.07	26.285	0
"2013-03-22	15:00:00"	6.8108	34.414	57.754	45.331	895.64	26.255	0
"2013-03-22	16:00:00"	6.4157	40.997	60.848	39.014	582.92	26.214	0
"2013-03-22	17:00:00"	7.5639	91.053	64.503	33.156	712.8	26.199	0
"2013-03-22	18:00:00"	6.3933	85.478	66.83	29.167	539.01	26.178	0
"2013-03-22	19:00:00"	7.2825	100.88	67.729	27.273	288.27	26.169	0
"2013-03-22	20:00:00"	8.9515	112.44	65.296	30.138	54.038	26.172	0
"2013-03-22	21:00:00"	10.685	104.64	62.376	34.868	0.54267	26.167	0
"2013-03-22	22:00:00"	15.381	128.17	60.221	39.253	0.05787	26.172	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-22	23:00:00"	12.004	132.39	57.072	45.386	0.08437	26.205	0
"2013-03-23	00:00:00"	10.274	71.9	54.504	49.733	0.07271	26.217	0
"2013-03-23	01:00:00"	9.9357	84.842	50.525	58.574	0.07737	0.26193	0
"2013-03-23	02:00:00"	7.5186	77.119	48.169	63.65	0.08755	26.229	0
"2013-03-23	03:00:00"	5.6178	48.771	45.012	70.882	0.06614	26.229	0
"2013-03-23	04:00:00"	5.954	66.754	42.663	75.822	0.07101	26.205	0
"2013-03-23	05:00:00"	6.7444	52.15	40.223	80.052	0.06974	26.19	0
"2013-03-23	06:00:00"	6.5144	66.598	39.77	81.714	0.08098	26.193	0
"2013-03-23	07:00:00"	3.8084	3.7449	37.363	84.651	0.06614	0	0
"2013-03-23	08:00:00"	3.5101	35.383	35.882	87.165	2.2095	26.214	0
"2013-03-23	09:00:00"	3.0609	70.409	37.98	84.999	103.64	26.232	0
"2013-03-23	10:00:00"	6.0198	211.19	46.919	69.257	319.05	26.237	0
"2013-03-23	11:00:00"	9.6965	232.53	55.669	47.98	543.16	26.24	0
"2013-03-23	12:00:00"	19.061	258.23	66.906	24.911	735.3	26.22	0
"2013-03-23	13:00:00"	18.793	260.07	69.686	18.814	887.17	26.211	0
"2013-03-23	14:00:00"	18.498	263.66	71.453	15.92	966.65	26.184	0
"2013-03-23	15:00:00"	19.958	261.81	72.769	14.126	971.36	26.155	0
"2013-03-23	16:00:00"	21.145	261.78	73.899	11.785	898.83	26.128	0
"2013-03-23	17:00:00"	22.619	261.43	74.6	9.1942	743.04	26.128	0
"2013-03-23	18:00:00"	22.758	265.76	73.985	8.8442	529.27	26.128	0
"2013-03-23	19:00:00"	22.71	262.63	73.495	8.4308	266.11	26.137	0
"2013-03-23	20:00:00"	23.937	300.29	70.032	6.6672	47.286	26.217	0
"2013-03-23	21:00:00"	27.038	349.84	57.263	9.3367	0.47992	26.296	0
"2013-03-23	22:00:00"	29.23	353.26	50.168	9.3936	0.07398	26.358	0
"2013-03-23	23:00:00"	25.243	13.138	41.766	34.94	0.06699	26.429	0
"2013-03-24	00:00:00"	23.759	17.969	36.443	50.202	0.06889	26.462	0
"2013-03-24	01:00:00"	25.41	16.831	31.713	51.028	0.0867	26.477	0
"2013-03-24	02:00:00"	23.4	17.991	29.355	51.044	0.07313	26.491	0
"2013-03-24	03:00:00"	16.816	18.636	27.671	51.443	0.07843	26.55	0
"2013-03-24	04:00:00"	9.3746	6.3745	26.401	51.422	0.06783	26.577	0
"2013-03-24	05:00:00"	6.3902	340.64	25.012	53.63	0.07123	26.58	0
"2013-03-24	06:00:00"	5.4413	334.3	24.022	54.142	0.06741	26.586	0
"2013-03-24	07:00:00"	6.7412	322.18	24.031	52.307	0.07419	26.604	0
"2013-03-24	08:00:00"	5.7862	311.63	23.551	51.774	2.3453	26.615	0
"2013-03-24	09:00:00"	5.0375	310.52	24.268	50.128	108.47	26.627	0
"2013-03-24	10:00:00"	10.452	353.24	28.209	44.31	328.66	26.642	0
"2013-03-24	11:00:00"	10.775	14.01	30.846	40.073	554.69	26.648	0
"2013-03-24	12:00:00"	8.3475	16.069	33.712	35.263	746	26.633	0
"2013-03-24	13:00:00"	6.4181	23.541	37.006	29.826	881.95	26.604	0
"2013-03-24	14:00:00"	4.6715	19.958	40.291	25.23	951.03	26.571	0
"2013-03-24	15:00:00"	4.1737	359.4	43.676	21.653	946.88	26.53	0
"2013-03-24	16:00:00"	4.618	358.6	45.8	19.481	872.16	26.488	0
"2013-03-24	17:00:00"	5.5575	40.543	47.723	17.672	731.11	26.459	0
"2013-03-24	18:00:00"	5.03	123.91	49.303	16.892	535.79	26.438	0
"2013-03-24	19:00:00"	7.664	103.6	48.814	17.353	309.76	26.438	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-24	20:00:00"	7.8653	108.32	47.579	17.983	98.381	26.438	0
"2013-03-24	21:00:00"	6.5673	103.92	43.493	20.566	1.4232	26.447	0
"2013-03-24	22:00:00"	6.6468	98.564	39.705	23.334	0.08034	26.468	0
"2013-03-24	23:00:00"	6.955	105.93	38.089	24.594	0.07038	26.485	0
"2013-03-25	00:00:00"	8.3009	107.44	37.726	25.176	0.09052	26.497	0
"2013-03-25	01:00:00"	8.0555	97.582	35.207	27.067	0.08712	26.521	0
"2013-03-25	02:00:00"	8.2959	74.26	32.333	29.596	0.07758	26.545	0
"2013-03-25	03:00:00"	12.061	66.105	31.549	30.734	0.05342	26.568	0
"2013-03-25	04:00:00"	14.252	66.863	30.557	32.041	0.07229	26.58	0
"2013-03-25	05:00:00"	12.027	58.524	28.174	36.039	0.08776	26.592	0
"2013-03-25	06:00:00"	11.652	54.644	26.285	40.363	0.10345	26.607	0
"2013-03-25	07:00:00"	11.705	49.978	25.302	44.371	0.05194	26.633	0
"2013-03-25	08:00:00"	9.7984	50.675	24.096	48.236	3.5273	26.657	0
"2013-03-25	09:00:00"	9.5231	57.843	25.72	47.657	115.25	26.68	0
"2013-03-25	10:00:00"	12.558	82.591	31.672	39.657	335.47	26.71	0
"2013-03-25	11:00:00"	10.631	92.373	36.093	32.488	560.83	26.722	0
"2013-03-25	12:00:00"	11.411	96.046	39.421	26.204	750.85	26.707	0
"2013-03-25	13:00:00"	10.458	110.03	41.616	23.13	884.63	26.698	0
"2013-03-25	14:00:00"	7.8318	125.92	43.58	21.93	952.17	26.672	0
"2013-03-25	15:00:00"	8.4544	106.84	45.222	20.811	947.85	26.651	0
"2013-03-25	16:00:00"	6.4591	119.17	46.921	20.051	872.23	26.63	0
"2013-03-25	17:00:00"	7.0059	132.16	48.622	18.502	731.47	26.615	0
"2013-03-25	18:00:00"	7.1085	129.55	49.522	17.985	536.96	26.612	0
"2013-03-25	19:00:00"	6.5368	109.23	49.369	18.192	310.63	26.624	0
"2013-03-25	20:00:00"	8.1095	105.05	48.471	18.676	99.91	26.633	0
"2013-03-25	21:00:00"	6.3386	84.718	43.695	21.655	1.4758	26.654	0
"2013-03-25	22:00:00"	7.1302	78.9	39.274	25.847	0.07292	26.666	0
"2013-03-25	23:00:00"	6.0782	81.289	36.659	28.637	0.07907	26.683	0
"2013-03-26	00:00:00"	6.8966	80.439	35.448	30.074	0.07822	26.698	0
"2013-03-26	01:00:00"	7.5111	85.263	35.067	32.049	0.08691	26.704	0
"2013-03-26	02:00:00"	7.6528	95.719	34.314	34.022	0.08204	26.707	0
"2013-03-26	03:00:00"	8.8496	102.26	34.306	35.012	0.08267	26.71	0
"2013-03-26	04:00:00"	8.5476	103.58	32.621	37.4	0.09793	26.701	0
"2013-03-26	05:00:00"	9.5548	110.75	32.017	39.018	0.06296	26.695	0
"2013-03-26	06:00:00"	9.9357	118.79	31.922	38.993	0.07271	26.689	0
"2013-03-26	07:00:00"	8.8496	126.13	31.526	39.326	0.07631	26.701	0
"2013-03-26	08:00:00"	8.6259	133.63	31.233	40.358	4.2286	26.707	0
"2013-03-26	09:00:00"	11.289	140.92	33.25	37.676	119.86	26.719	0
"2013-03-26	10:00:00"	13.966	160.9	39.104	31.019	336.73	26.736	0
"2013-03-26	11:00:00"	17.922	170.76	43.503	25.532	560.01	26.719	0
"2013-03-26	12:00:00"	18.01	179.32	47.502	22.02	749.99	26.701	0
"2013-03-26	13:00:00"	16.918	181.29	51.541	20.138	882.45	26.674	0
"2013-03-26	14:00:00"	16.504	180.28	55.084	18.645	951.27	26.651	0
"2013-03-26	15:00:00"	16.565	185.31	57.6	17.475	937.59	26.612	0
"2013-03-26	16:00:00"	17.847	186.77	59.853	16.291	803.28	26.583	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-26	17:00:00"	16.891	182.6	61.352	15.425	666.6	26.556	0
"2013-03-26	18:00:00"	16.313	181.96	62.542	14.634	527.11	26.536	0
"2013-03-26	19:00:00"	15.306	180.77	62.037	14.748	229.93	26.527	0
"2013-03-26	20:00:00"	13.371	165.4	59.816	16.022	44.198	26.524	0
"2013-03-26	21:00:00"	12.104	161.46	56.925	18.061	0.46911	26.521	0
"2013-03-26	22:00:00"	10.848	157.53	53.729	21.432	0.05935	26.536	0
"2013-03-26	23:00:00"	13.968	167.97	52.385	24.164	0.06614	26.536	0
"2013-03-27	00:00:00"	15.706	171.83	51.007	26.985	0.06296	26.533	0
"2013-03-27	01:00:00"	14.497	177.08	49.47	30.303	0.06826	26.53	0
"2013-03-27	02:00:00"	13.085	178.01	47.513	34.382	0.08606	26.521	0
"2013-03-27	03:00:00"	12.378	182.09	45.974	37.69	0.07292	26.503	0
"2013-03-27	04:00:00"	10.368	186.74	44.503	40.948	0.0549	26.483	0
"2013-03-27	05:00:00"	10.39	182.31	43.379	44.584	0.06338	26.468	0
"2013-03-27	06:00:00"	5.5756	188.5	41.035	50.058	0.06614	26.474	0
"2013-03-27	07:00:00"	2.913	207.12	38.492	55.352	0.07186	26.474	0
"2013-03-27	08:00:00"	3.9003	196.06	38.226	58.343	5.0638	26.488	0
"2013-03-27	09:00:00"	4.344	216.64	39.097	58.321	117.5	26.509	0
"2013-03-27	10:00:00"	11.423	188.92	48.024	46.014	336.21	26.524	0
"2013-03-27	11:00:00"	11.165	199.33	53.77	36.834	522.37	26.527	0
"2013-03-27	12:00:00"	9.251	195.74	59.37	30.148	725.11	26.521	0
"2013-03-27	13:00:00"	9.3249	198.02	65.147	24.367	838.52	26.506	0
"2013-03-27	14:00:00"	10.865	213.16	70.033	19.633	948.24	26.488	0
"2013-03-27	15:00:00"	9.5989	210.18	73.943	15.925	938.28	26.462	0
"2013-03-27	16:00:00"	10.59	199.17	76.431	14.099	906.22	26.438	0
"2013-03-27	17:00:00"	12.427	190.19	76.986	14.234	696.45	26.429	0
"2013-03-27	18:00:00"	13.599	187.62	75.479	15.297	341.1	26.423	0
"2013-03-27	19:00:00"	11.917	189.36	75.86	14.483	293.86	26.42	0
"2013-03-27	20:00:00"	9.904	183.06	73.906	15.508	90.232	26.42	0
"2013-03-27	21:00:00"	10.029	172.88	68.648	21.582	1.0419	26.438	0
"2013-03-27	22:00:00"	9.9761	167.68	64.603	28.831	0.05384	26.453	0
"2013-03-27	23:00:00"	13.394	179.91	61.776	38.308	0.08394	26.48	0
"2013-03-28	00:00:00"	14.349	183.78	58.106	47.785	0.04176	26.483	0
"2013-03-28	01:00:00"	10.81	191.26	54.685	56.931	0.07038	26.48	0
"2013-03-28	02:00:00"	11.993	192.51	52.935	64.196	0.07949	26.471	0
"2013-03-28	03:00:00"	11.004	196.98	51.6	68.937	0.06762	26.471	0
"2013-03-28	04:00:00"	9.0515	204.05	49.77	75.16	0.06211	26.465	0
"2013-03-28	05:00:00"	6.735	214.11	47.974	80.894	0.06126	26.465	0
"2013-03-28	06:00:00"	5.0027	233.3	45.651	84.445	0.07864	26.462	0
"2013-03-28	07:00:00"	5.1164	240.66	43.64	88.049	0.07398	26.468	0
"2013-03-28	08:00:00"	6.0074	259.03	44.423	89.501	3.2725	26.485	0
"2013-03-28	09:00:00"	5.3196	250.53	46.618	87.749	80.167	26.506	0
"2013-03-28	10:00:00"	6.2758	238.02	50.218	80.742	237.63	26.524	0
"2013-03-28	11:00:00"	6.8568	230.84	56.26	65.867	532.31	26.533	0
"2013-03-28	12:00:00"	3.2871	267.29	63.455	47.908	675.06	26.536	0
"2013-03-28	13:00:00"	3.133	332.88	71.345	31.722	894.4	26.521	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-28	14:00:00"	5.2922	12.847	76.683	18.568	982.68	26.503	0
"2013-03-28	15:00:00"	5.2804	325.99	78.464	15.766	772.73	26.483	0
"2013-03-28	16:00:00"	7.2992	230.05	81.223	12.319	897.83	26.459	0
"2013-03-28	17:00:00"	5.0207	263.34	80.581	13.205	516.38	26.441	0
"2013-03-28	18:00:00"	8.2288	196.2	81.091	13.336	471.77	26.432	0
"2013-03-28	19:00:00"	6.0435	192.11	79.854	14.253	177.32	26.435	0
"2013-03-28	20:00:00"	5.7732	197.02	78.209	14.838	73.302	26.441	0
"2013-03-28	21:00:00"	3.0932	172.85	72.253	17.226	0.85597	26.45	0
"2013-03-28	22:00:00"	6.7009	173.55	68.449	28.906	0.05215	26.477	0
"2013-03-28	23:00:00"	10.407	170.76	65.499	46.621	0.06614	26.494	0
"2013-03-29	01:00:00"	10.484	181.18	60.408	64.917	0.0664	26.506	0
"2013-03-29	02:00:00"	7.8094	185.3	57.212	75.599	0.08055	26.503	0
"2013-03-29	03:00:00"	7.0588	186.45	55.063	81.49	0.05766	26.5	0
"2013-03-29	04:00:00"	4.0569	218.79	52.889	85.805	0.05448	26.494	0
"2013-03-29	05:00:00"	2.9062	204.06	52.466	88.118	0.0566	26.488	0
"2013-03-29	06:00:00"	3.54	186.74	50.953	90.121	0.06041	26.485	0
"2013-03-29	07:00:00"	3.699	235.91	50.842	91.035	0.07101	26.494	0
"2013-03-29	08:00:00"	2.9652	191.17	49.544	91.981	2.3655	26.506	0
"2013-03-29	09:00:00"	4.9921	206.11	51.245	93.548	49.143	26.527	0
"2013-03-29	10:00:00"	9.5604	197.93	54.511	90.242	155.04	26.536	0
"2013-03-29	11:00:00"	7.9672	197.58	58.499	79.136	364.42	26.527	0
"2013-03-29	12:00:00"	6.438	221.92	64.437	62.808	688.3	26.53	0
"2013-03-29	13:00:00"	5.5414	226.22	70.205	46.778	721.88	26.512	0
"2013-03-29	14:00:00"	7.961	255.07	74.965	31.275	525.3	26.494	0
"2013-03-29	15:00:00"	8.1114	278.09	77.919	21.868	595.73	26.477	0
"2013-03-29	16:00:00"	7.1035	283.24	81.063	14.88	747.73	26.45	0
"2013-03-29	17:00:00"	10.783	234.96	80.813	12.812	474.69	26.435	0
"2013-03-29	18:00:00"	9.6344	255.92	81.869	11.598	564.95	26.423	0
"2013-03-29	19:00:00"	9.3945	262.07	80.564	11.81	166.79	26.42	0
"2013-03-29	20:00:00"	9.6486	303.14	79.642	12.302	84.748	26.429	0
"2013-03-29	21:00:00"	11.842	349.31	74.219	15.588	2.2576	26.435	0
"2013-03-29	22:00:00"	10.422	252.79	74.151	15.873	0.05808	26.456	0
"2013-03-29	23:00:00"	10.292	189.02	68.188	38.659	0.07589	26.474	0
"2013-03-30	00:00:00"	10.266	191.14	63.689	58.106	0.05766	26.483	0
"2013-03-30	01:00:00"	6.256	208.44	59.752	70.263	0.05872	26.483	0
"2013-03-30	02:00:00"	4.0128	220.1	55.783	79.913	0.06614	26.48	0
"2013-03-30	03:00:00"	4.5671	233.13	54.104	85.413	0.08182	26.477	0
"2013-03-30	04:00:00"	4.2297	245.17	51.958	89.062	0.09518	26.468	0
"2013-03-30	05:00:00"	4.9679	257.49	51.126	91.162	0.06296	26.462	0
"2013-03-30	06:00:00"	4.2757	265.52	50.903	93.102	0.06805	26.462	0
"2013-03-30	07:00:00"	5.1561	278.4	51.638	93.146	0.06826	26.462	0
"2013-03-30	08:00:00"	5.3338	283.63	50.828	93.012	4.9046	26.471	0
"2013-03-30	09:00:00"	5.3823	292.27	52.191	93.609	152.05	26.485	0
"2013-03-30	10:00:00"	6.3678	289.64	54.351	89.214	340.12	26.494	0
"2013-03-30	11:00:00"	7.1731	304.73	63.567	59.211	564.35	26.491	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-03-30	12:00:00"	8.1163	337.35	74.913	27.243	756.6	26.488	0
"2013-03-30	13:00:00"	9.0279	355.5	79.006	15.516	886.69	26.48	0
"2013-03-30	14:00:00"	6.1335	344.32	80.467	11.924	814.16	26.462	0
"2013-03-30	15:00:00"	6.8394	323.57	81.622	10.614	911.15	26.435	0
"2013-03-30	16:00:00"	7.8473	304.12	82.276	10.473	705.16	26.418	0
"2013-03-30	17:00:00"	7.9262	311.33	82.66	10.254	485.38	26.391	0
"2013-03-30	18:00:00"	8.6234	263.73	82.041	9.2253	310.62	26.382	0
"2013-03-30	19:00:00"	6.9009	270	81.301	9.3208	186.87	26.373	0
"2013-03-30	20:00:00"	5.2773	262.2	78.958	10.229	47.805	26.379	0
"2013-03-30	21:00:00"	1.6777	263.24	74.928	11.934	0.68003	26.382	0
"2013-03-30	22:00:00"	1.559	327.25	72.247	13.001	0.05533	26.394	0
"2013-03-30	23:00:00"	2.5072	285.37	70.651	14.478	0.06571	26.412	0
"2013-03-31	00:00:00"	7.861	254.56	73.626	14.476	0.06232	26.42	0
"2013-03-31	01:00:00"	6.4461	269.99	72.688	15.915	0.05808	26.409	0
"2013-03-31	02:00:00"	10.253	267.74	73.855	15.367	0.06847	26.409	0
"2013-03-31	03:00:00"	7.3396	288.08	71.915	16.079	0.05999	26.406	0
"2013-03-31	04:00:00"	3.4741	264	67.702	18.583	0.07313	26.388	0
"2013-03-31	05:00:00"	3.4467	289.08	65.241	20.69	0.06444	26.382	0
"2013-03-31	06:00:00"	7.3477	307.13	66.534	20.305	0.05596	26.391	0
"2013-03-31	07:00:00"	7.5546	313.56	67.31	19.458	0.05533	26.409	0
"2013-03-31	08:00:00"	14.659	353.85	63.219	24.179	3.1348	26.438	0
"2013-03-31	09:00:00"	23.101	18.378	57.399	44.403	87.535	26.483	0
"2013-03-31	10:00:00"	25.756	45.704	55.931	60.123	356.58	26.5	0
"2013-03-31	11:00:00"	25.19	56.874	57.883	55.778	563.78	26.512	0
"2013-03-31	12:00:00"	21.245	57.305	60.631	51.508	721.86	26.521	0
"2013-03-31	13:00:00"	18.839	55.912	63.798	45.572	864.61	26.533	0
"2013-03-31	14:00:00"	14.383	54.493	66.249	40.942	948.35	26.518	0
"2013-03-31	15:00:00"	10.106	66.344	68.514	36.565	940.79	26.494	0
"2013-03-31	16:00:00"	7.8405	54.88	70.325	32.819	891.99	26.471	0
"2013-03-31	17:00:00"	5.7178	51.506	71.489	30.719	751.33	26.45	0
"2013-03-31	18:00:00"	5.2009	72.075	72.957	28.894	558.99	26.435	0
"2013-03-31	19:00:00"	4.6454	102.06	73.062	28.265	312.95	26.435	0
"2013-03-31	20:00:00"	4.3303	37.771	72.154	28.615	112.62	26.438	0
"2013-03-31	21:00:00"	5.0642	57.441	66.633	33.841	2.8908	26.447	0
"2013-03-31	22:00:00"	5.2208	75.706	61.947	39.287	0.06805	26.459	0
"2013-03-31	23:00:00"	6.0727	85.86	59.76	42.473	0.06381	26.465	0
"2013-04-01	00:00:00"	8.2885	108.53	59.803	44.607	0.08034	26.465	0
"2013-04-01	01:00:00"	9.1814	119.89	59.038	47.254	0.0761	26.459	0
"2013-04-01	02:00:00"	9.0397	117.65	57.706	50.996	0.07483	26.459	0
"2013-04-01	03:00:00"	7.7292	123.58	55.856	55.012	0.0867	26.453	0
"2013-04-01	04:00:00"	7.198	128.31	55.115	57.866	0.06041	26.453	0
"2013-04-01	05:00:00"	6.9973	152.68	54.732	60.209	0.0602	26.45	0
"2013-04-01	06:00:00"	4.3334	156.05	53.018	64.312	0.10005	26.45	0
"2013-04-01	07:00:00"	3.645	161.95	50.961	69.002	0.06974	26.456	0
"2013-04-01	08:00:00"	1.8809	86.867	50.658	71.416	7.1956	26.462	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-01	09:00:00"	5.8111	128.73	55.205	66.042	132.29	26.471	0
"2013-04-01	10:00:00"	11.223	167.06	63.992	54.281	348.09	26.468	0
"2013-04-01	11:00:00"	13.617	189.66	69.736	45.774	572.71	26.474	0
"2013-04-01	12:00:00"	13.763	197.93	73.264	39.015	762.89	26.465	0
"2013-04-01	13:00:00"	13.838	204.36	76.643	32.216	905.04	26.453	0
"2013-04-01	14:00:00"	14.15	209.2	79.839	23.562	985.9	26.426	0
"2013-04-01	15:00:00"	11.456	216.94	81.658	17.822	987.58	26.397	0
"2013-04-01	16:00:00"	12.119	214.08	82.882	15.154	880.55	26.37	0
"2013-04-01	17:00:00"	11.861	222.91	83.691	13.512	753.72	26.344	0
"2013-04-01	18:00:00"	11.32	220.95	84.097	12.527	567.95	26.32	0
"2013-04-01	19:00:00"	10.013	218.19	83.576	12.801	323.87	26.302	0
"2013-04-01	20:00:00"	8.5749	201.9	81.94	13.311	112.22	26.308	0
"2013-04-01	21:00:00"	7.2259	159.03	75.049	18.406	3.2306	26.311	0
"2013-04-01	22:00:00"	8.2338	166	72.069	30.45	0.05914	26.344	0
"2013-04-01	23:00:00"	13.205	186.78	70.707	39.813	0.06296	26.358	0
"2013-04-02	00:00:00"	11.302	196.09	67.476	52.582	0.05299	26.356	0
"2013-04-02	01:00:00"	4.7578	205.23	63.555	62.359	0.06677	26.344	0
"2013-04-02	02:00:00"	2.5501	200.6	60.469	69.915	0.06275	26.338	0
"2013-04-02	03:00:00"	3.9134	204.27	59.47	73.833	0.06232	26.326	0
"2013-04-02	04:00:00"	7.0178	100.42	57.227	76.685	0.06571	26.347	0
"2013-04-02	05:00:00"	14.943	64.905	52.862	76.746	0.06063	26.338	0
"2013-04-02	06:00:00"	14.725	47.287	49.123	84.639	0.05702	26.367	0
"2013-04-02	07:00:00"	17.239	42.285	48.705	85.514	0.06868	26.382	0
"2013-04-02	08:00:00"	18.871	38.196	46.822	83.924	1.1489	26.406	0
"2013-04-02	09:00:00"	19.289	36.262	43.409	90.222	17.434	26.438	0
"2013-04-02	10:00:00"	17.961	29.3	41.729	90.37	56.708	26.462	0
"2013-04-02	11:00:00"	18.449	27.487	41.247	88.465	114.32	26.471	0
"2013-04-02	12:00:00"	18.327	25.149	41.016	84.979	186.39	26.477	0
"2013-04-02	13:00:00"	17.982	21.214	40.397	80.561	227.58	26.468	0
"2013-04-02	14:00:00"	17.259	28.399	42.021	75.106	399.11	26.45	0
"2013-04-02	15:00:00"	16.386	40.726	44.638	68.881	503.18	26.423	0
"2013-04-02	16:00:00"	14.205	29.037	45.386	67.553	271.22	26.418	0
"2013-04-02	17:00:00"	13.901	39.649	45.826	67.744	249.71	26.394	0
"2013-04-02	18:00:00"	15.28	52.025	46.31	68.079	203.49	26.382	0
"2013-04-02	19:00:00"	17.485	45.341	45.678	70.853	148.49	26.361	0
"2013-04-02	20:00:00"	17.539	47.387	44.432	73.705	42.533	26.391	0
"2013-04-02	21:00:00"	14.561	46.345	43.066	76.671	0.50133	26.415	0
"2013-04-02	22:00:00"	15.506	44.111	41.457	82.537	0.0761	26.429	0
"2013-04-02	23:00:00"	16.234	45.653	39.688	89.347	0.04833	26.465	0
"2013-04-03	00:00:00"	17.39	42.563	39.006	88.144	0.06699	26.474	0
"2013-04-03	01:00:00"	16.523	37.141	38.995	85.291	0.06849	26.483	0
"2013-04-03	02:00:00"	16.158	31.191	38.555	83.278	0.08288	26.477	0
"2013-04-03	03:00:00"	14.589	40.892	38.066	82.844	0.05639	26.488	0
"2013-04-03	04:00:00"	12.857	32.58	37.919	83.118	0.08352	26.503	0
"2013-04-03	05:00:00"	10.277	27.53	37.51	83.266	0.06826	26.509	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-03	06:00:00"	9.4293	9.9763	37.731	82.83	0.08734	26.518	0
"2013-04-03	07:00:00"	9.7972	7.4842	37.764	83.219	0.09306	26.518	0
"2013-04-03	08:00:00"	10.86	2.8581	37.562	82.497	1.8404	26.521	0
"2013-04-03	09:00:00"	11.983	1.8466	37.582	80.925	34.751	26.542	0
"2013-04-03	10:00:00"	11.103	1.9059	38.936	74.828	106.99	26.556	0
"2013-04-03	11:00:00"	11.716	10.706	41.455	66.898	279.87	26.568	0
"2013-04-03	12:00:00"	12.342	11.846	44.914	59.671	530.24	26.562	0
"2013-04-03	13:00:00"	9.4778	19.109	47.276	55.474	611.26	26.55	0
"2013-04-03	14:00:00"	7.5465	0.7966	50.88	49.214	778.84	26.539	0
"2013-04-03	15:00:00"	8.0064	3.2394	54.764	43.082	882.66	26.521	0
"2013-04-03	16:00:00"	7.3247	24.866	57.014	39.851	866.73	26.503	0
"2013-04-03	17:00:00"	8.9111	16.606	58.883	37.832	765.04	26.506	0
"2013-04-03	18:00:00"	9.5567	10.031	59.112	37.149	550.68	26.503	0
"2013-04-03	19:00:00"	9.1615	5.6366	58.406	37.373	327.25	26.518	0
"2013-04-03	20:00:00"	9.1683	14.539	56.617	38.524	116.98	26.533	0
"2013-04-03	21:00:00"	6.7065	37.91	52.524	43.202	2.8412	26.545	0
"2013-04-03	22:00:00"	7.1377	54.006	47.847	49.748	0.0903	26.562	0
"2013-04-03	23:00:00"	8.1953	68.502	44.997	56.904	0.06381	26.571	0
"2013-04-04	00:00:00"	10.131	62.538	43.301	61.298	0.0354	26.574	0
"2013-04-04	01:00:00"	7.5459	74.419	41.474	64.835	0.0884	26.574	0
"2013-04-04	02:00:00"	6.9159	61.499	38.282	70.584	0.06699	26.577	0
"2013-04-04	03:00:00"	5.0076	38.099	35.105	75.224	0.08776	26.577	0
"2013-04-04	04:00:00"	6.4641	43.204	33.478	78.228	0.09497	26.568	0
"2013-04-04	05:00:00"	5.9341	50.251	32.132	80.545	0.06677	26.568	0
"2013-04-04	06:00:00"	3.8326	26.042	30.878	82.852	0.08628	26.574	0
"2013-04-04	07:00:00"	4.3347	24.853	29.032	84.766	0.06635	26.586	0
"2013-04-04	08:00:00"	4.897	23.357	28.84	86.174	11.047	26.604	0
"2013-04-04	09:00:00"	5.867	26.087	33.522	81.33	152.11	26.633	0
"2013-04-04	10:00:00"	4.1483	43.127	39.951	68.764	375.38	26.654	0
"2013-04-04	11:00:00"	3.1106	273.92	45.067	57.667	594.51	26.651	0
"2013-04-04	12:00:00"	6.9444	243.68	49.622	50.177	778.94	26.645	0
"2013-04-04	13:00:00"	6.6536	240.94	54.806	42.488	907.19	26.627	0
"2013-04-04	14:00:00"	6.5729	238.36	61.149	34.422	970.64	26.598	0
"2013-04-04	15:00:00"	5.5171	255.54	66.827	26.758	971.44	26.571	0
"2013-04-04	16:00:00"	5.6427	302.89	70.765	19.845	925.3	26.547	0
"2013-04-04	17:00:00"	6.4722	326.39	72.801	18.08	782.43	26.527	0
"2013-04-04	18:00:00"	6.8376	320.12	74.11	16.179	585.03	26.518	0
"2013-04-04	19:00:00"	5.5097	341.02	74.522	15.63	343.92	26.518	0
"2013-04-04	20:00:00"	4.6808	36.33	72.666	16.169	94.9	26.524	0
"2013-04-04	21:00:00"	4.5379	102.7	67.521	19.027	3.8803	26.53	0
"2013-04-04	22:00:00"	6.3492	149.29	61.438	23.944	0.05405	26.553	0
"2013-04-04	23:00:00"	8.5923	108.69	59.234	26.815	0.05236	26.568	0
"2013-04-05	00:00:00"	7.7808	131.87	58.56	28.159	0.07822	26.577	0
"2013-04-05	01:00:00"	6.4386	128	56.356	30.037	0.07313	26.58	0
"2013-04-05	02:00:00"	6.6779	103.73	53.095	33.77	0.0761	26.58	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-05	03:00:00"	6.1161	102.21	50	37.295	0.05957	26.565	0
"2013-04-05	04:00:00"	6.3566	105.47	49.041	39.681	0.07165	26.556	0
"2013-04-05	05:00:00"	6.4579	102.96	47.658	42.739	0.06635	26.553	0
"2013-04-05	06:00:00"	5.6464	129.9	48.015	45.78	0.07292	26.542	0
"2013-04-05	07:00:00"	5.0312	118.77	48.072	47.738	0.07123	26.556	0
"2013-04-05	08:00:00"	5.6389	115.24	47.692	50.158	8.9778	26.556	0
"2013-04-05	09:00:00"	7.0687	119.29	49.674	47.949	146.94	26.568	0
"2013-04-05	10:00:00"	12.616	169.1	59.917	33.869	386.11	26.568	0
"2013-04-05	11:00:00"	16.866	180.74	66.497	23.465	554.72	26.55	0
"2013-04-05	12:00:00"	20.326	177.43	71.636	15.903	781.95	26.542	0
"2013-04-05	13:00:00"	20.19	181.03	75.138	13.065	940.51	26.512	0
"2013-04-05	14:00:00"	18.15	182.92	77.295	13.873	914.37	26.48	0
"2013-04-05	15:00:00"	18.868	186.22	79.723	14.19	995.55	26.447	0
"2013-04-05	16:00:00"	18.465	185.23	80.548	11.601	686.01	26.412	0
"2013-04-05	17:00:00"	16.784	185.63	80.76	11.074	449.7	26.373	0
"2013-04-05	18:00:00"	18.209	175.31	81.591	10.09	443.23	26.356	0
"2013-04-05	19:00:00"	16.652	168.19	79.714	10.831	187.51	26.353	0
"2013-04-05	20:00:00"	16.742	156.53	76.48	12.332	60.734	26.35	0
"2013-04-05	21:00:00"	13.479	150.8	72.501	14.78	1.6227	26.35	0
"2013-04-05	22:00:00"	13.996	151.48	68.913	19.795	0.07101	26.35	0
"2013-04-05	23:00:00"	12.032	158.27	65.615	31.48	0.06232	26.367	0
"2013-04-06	00:00:00"	13.608	173	63.398	41.032	0.07398	26.353	0
"2013-04-06	01:00:00"	15.162	177.07	61.1	46.447	0.07144	26.347	0
"2013-04-06	02:00:00"	12.502	178.05	58.474	51.192	0.06656	26.341	0
"2013-04-06	03:00:00"	11.154	186.44	56.749	53.809	0.06741	0	0
"2013-04-06	04:00:00"	9.1049	196.92	54.446	55.667	0.07144	26.32	0
"2013-04-06	05:00:00"	6.9022	209.6	51.836	59.306	0.06635	26.317	0
"2013-04-06	06:00:00"	4.9822	225.12	48.646	64.414	0.07992	26.32	0
"2013-04-06	07:00:00"	4.7709	238.8	46.792	67.637	0.08649	26.338	0
"2013-04-06	08:00:00"	5.8931	251.63	47.476	66.708	14.75	26.358	0
"2013-04-06	09:00:00"	5.0623	238.44	49.306	63.583	167.18	26.373	0
"2013-04-06	10:00:00"	8.0337	222.51	56.924	48.613	408.27	26.379	0
"2013-04-06	11:00:00"	8.5159	240.9	65.044	34.587	621.24	26.388	0
"2013-04-06	12:00:00"	8.5619	262.68	72.388	22.743	565.78	26.391	0
"2013-04-06	13:00:00"	11.818	298.22	77.73	14.354	741.51	26.385	0
"2013-04-06	14:00:00"	9.4666	280.17	78.281	13.529	802.56	26.361	0
"2013-04-06	15:00:00"	8.9415	292.84	80.148	11.446	962.18	26.341	0
"2013-04-06	16:00:00"	9.7419	293.92	80.626	10.79	828.49	26.32	0
"2013-04-06	17:00:00"	10.518	287.67	80.966	9.9411	608.13	26.308	0
"2013-04-06	18:00:00"	9.3162	259.77	80.848	10.242	491.72	26.302	0
"2013-04-06	19:00:00"	8.5308	262.37	80.911	10.318	343.06	26.296	0
"2013-04-06	20:00:00"	6.3746	276.45	79.862	10.267	138.81	26.294	0
"2013-04-06	21:00:00"	2.7508	35.221	75.418	11.914	5.1515	26.302	0
"2013-04-06	22:00:00"	5.5265	61.478	69.998	14.256	0.04854	26.314	0
"2013-04-06	23:00:00"	6.3771	92.634	68.775	15.061	0.07292	26.317	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-07	00:00:00"	4.9766	100.22	66.315	15.711	0.05257	26.314	0
"2013-04-07	00:00:00"	3.1317	107	66.38	15.6	0	26.314	0
"2013-04-07	01:00:00"	3.1901	98.67	64.342	16.667	0.06614	26.305	0
"2013-04-07	02:00:00"	7.7261	73.726	59.235	21.784	0.07165	26.299	0
"2013-04-07	03:00:00"	7.0004	122.82	56.228	29.625	0.07758	26.296	0
"2013-04-07	04:00:00"	5.1331	179.09	55.091	39.511	0.07186	26.282	0
"2013-04-07	05:00:00"	3.0224	224.65	54.426	48.961	0.07186	26.276	0
"2013-04-07	06:00:00"	3.3231	215.66	52.791	56.996	0.0672	0.26252	0
"2013-04-07	07:00:00"	5.4382	202.28	50.585	66.249	0.08882	26.273	0
"2013-04-07	08:00:00"	7.1221	203.27	51.339	75.266	7.0547	26.288	0
"2013-04-07	09:00:00"	3.1323	226.52	52.52	73.018	135.47	26.308	0
"2013-04-07	10:00:00"	6.4175	234.37	60.905	45.928	392.84	26.311	0
"2013-04-07	11:00:00"	9.1155	246.87	69.808	25.879	620.34	26.311	0
"2013-04-07	12:00:00"	15.959	257.58	78.412	14.917	827.54	26.311	0
"2013-04-07	13:00:00"	14.766	267.17	80.731	13.966	956.98	0.26282	0
"2013-04-07	14:00:00"	16.905	252.35	82.629	12.456	1018.2	26.258	0
"2013-04-07	15:00:00"	17.769	246.79	83.412	11.858	1008.2	26.229	0
"2013-04-07	16:00:00"	17.292	245.18	84.567	11.514	926.61	26.211	0
"2013-04-07	17:00:00"	16.952	238.96	84.675	10.991	775.57	26.187	0
"2013-04-07	18:00:00"	16.443	243.21	84.725	10.913	579.17	26.175	0
"2013-04-07	19:00:00"	15.701	251.93	84.461	10.224	350.12	26.172	0
"2013-04-07	20:00:00"	14.224	234.68	82.613	10.76	130.35	26.178	0
"2013-04-07	21:00:00"	8.5569	229.04	77.418	12.472	5.2204	26.187	0
"2013-04-07	22:00:00"	7.0961	217.89	71.841	14.532	0.05066	26.202	0
"2013-04-07	23:00:00"	5.3028	213.9	67.044	16.668	0.07949	26.211	0
"2013-04-08	00:00:00"	3.3492	232.86	64.047	17.826	0.06105	26.208	0
"2013-04-08	01:00:00"	3.4039	245.74	62.708	18.375	0.06084	26.202	0
"2013-04-08	02:00:00"	1.7964	211.88	60.821	19.306	0.06847	26.196	0
"2013-04-08	03:00:00"	2.2997	233.83	60.209	19.456	0.07356	26.178	0
"2013-04-08	04:00:00"	4.1793	196.84	60.305	19.449	0.06932	26.167	0
"2013-04-08	05:00:00"	2.9552	186.43	56.486	26.063	0.06699	26.152	0
"2013-04-08	06:00:00"	6.1683	171.37	53.126	45.073	0.05851	26.155	0
"2013-04-08	07:00:00"	7.81	173.77	54.748	61.301	0.07864	26.167	0
"2013-04-08	08:00:00"	8.4997	178.04	54.237	71.38	16.513	26.181	0
"2013-04-08	09:00:00"	8.8421	199.65	58.471	59.057	169.34	26.199	0
"2013-04-08	10:00:00"	8.2605	225.02	65.114	34.964	392.23	26.205	0
"2013-04-08	11:00:00"	8.5159	239.66	71.756	22.038	624.98	26.193	0
"2013-04-08	12:00:00"	14.348	255.14	78.818	14.218	830.65	26.181	0
"2013-04-08	13:00:00"	16.347	240.74	80.284	13.643	964.75	26.155	0
"2013-04-08	14:00:00"	18.509	220.82	81.707	12.551	1028.5	26.119	0
"2013-04-08	15:00:00"	21.328	225.64	83.412	11.562	1017.8	26.09	0
"2013-04-08	16:00:00"	21.555	215.82	84.573	10.906	936.39	26.048	0
"2013-04-08	17:00:00"	23.324	211.23	85.908	9.5503	783.22	26.019	0
"2013-04-08	18:00:00"	21.465	219.31	86.252	8.8806	587.39	26.013	0
"2013-04-08	19:00:00"	19.628	224.3	85.691	8.6139	356.63	26.007	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-08	20:00:00"	16.304	215.59	84.227	8.8856	131.4	26.004	0
"2013-04-08	21:00:00"	7.9299	201.82	78.544	10.489	3.6382	25.998	0
"2013-04-08	22:00:00"	6.6922	159.24	71.373	13.131	0.0655	26.001	0
"2013-04-08	23:00:00"	9.4181	166.88	71.575	13.344	0.06911	26.001	0
"2013-04-09	00:00:00"	13.636	164.33	71.083	24.579	0.05808	26.004	0
"2013-04-09	01:00:00"	16.876	188.2	71.24	40.653	0.05511	26.028	0
"2013-04-09	02:00:00"	13.969	186.31	69.573	49.141	0.06338	26.025	0
"2013-04-09	03:00:00"	13.712	172.53	67.744	62.453	0.05639	25.995	0
"2013-04-09	04:00:00"	15.548	175.31	66.009	70.85	0.0549	25.986	0
"2013-04-09	05:00:00"	16.087	169.12	63.998	78.631	0.09264	25.978	0
"2013-04-09	06:00:00"	15.28	174.79	62.317	82.95	0.05702	26.004	0
"2013-04-09	07:00:00"	10.863	181.58	60.661	84.924	0.06381	26.016	0
"2013-04-09	08:00:00"	11.516	182.68	59.056	86.873	16.528	26.043	0
"2013-04-09	09:00:00"	13.204	188.68	60.861	80.711	171.95	26.054	0
"2013-04-09	10:00:00"	16.184	204.55	68.181	44.763	393.68	26.081	0
"2013-04-09	11:00:00"	16.645	235.43	73.36	25.745	606.04	26.093	0
"2013-04-09	12:00:00"	16.05	280.83	74.266	18.519	768.59	26.116	0
"2013-04-09	13:00:00"	14.873	269.34	74.728	17.079	886.36	26.107	0
"2013-04-09	14:00:00"	15.324	261.31	76.598	15.501	940.97	26.102	0
"2013-04-09	15:00:00"	17.794	299.63	74.675	18.176	928.03	26.105	0
"2013-04-09	16:00:00"	19.327	303.84	72.369	20.874	861.37	26.113	0
"2013-04-09	17:00:00"	20.809	313.64	68.657	22.98	707.89	26.122	0
"2013-04-09	18:00:00"	19.642	317.84	66.802	23.373	499.74	26.137	0
"2013-04-09	19:00:00"	16.981	315.35	65.668	23.194	229.89	26.155	0
"2013-04-09	20:00:00"	14.165	335.78	64.355	23.263	64.876	26.178	0
"2013-04-09	21:00:00"	10.69	19.086	58.553	28.581	3.0069	26.199	0
"2013-04-09	22:00:00"	13.74	45.001	52.428	33.596	0.05405	26.261	0
"2013-04-09	23:00:00"	16.481	34.99	47.249	39.682	0.06423	26.291	0
"2013-04-10	00:00:00"	18.999	32.196	42.619	42.374	0.06338	26.308	0
"2013-04-10	01:00:00"	18.261	35.6	38.253	42.79	0.08967	26.338	0
"2013-04-10	02:00:00"	19.761	23.542	35.259	42.603	0.07652	26.361	0
"2013-04-10	03:00:00"	15.596	16.921	33.748	43.915	0.05554	26.376	0
"2013-04-10	04:00:00"	12.649	15.524	33.553	43.026	0.09094	26.364	0
"2013-04-10	05:00:00"	14.049	23.347	33.722	40.692	0.0831	26.397	0
"2013-04-10	06:00:00"	16.397	24.765	32.702	42.169	0.07652	26.367	0
"2013-04-10	07:00:00"	16.621	31.895	31.32	41.899	0.08098	26.438	0
"2013-04-10	08:00:00"	14.97	31.445	29.813	46.241	4.2099	26.462	0
"2013-04-10	09:00:00"	14.013	24.067	29.269	46.851	43.912	26.471	0
"2013-04-10	10:00:00"	15.195	24.708	29.381	50.953	205.26	26.474	0
"2013-04-10	11:00:00"	12.968	21.489	31.264	49.686	401.57	26.474	0
"2013-04-10	12:00:00"	12.641	10.032	36.086	36.635	772.39	26.468	0
"2013-04-10	13:00:00"	11.296	7.8409	39.55	34.29	914.25	26.447	0
"2013-04-10	14:00:00"	8.9111	5.7407	43.648	32.09	973.89	26.432	0
"2013-04-10	15:00:00"	9.809	355.27	47.14	29.493	965	26.403	0
"2013-04-10	16:00:00"	8.903	343.83	50.005	27.431	890.23	26.385	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-10	17:00:00"	8.1977	349.96	52.126	24.856	747.42	26.364	0
"2013-04-10	18:00:00"	7.1296	340.24	53.458	24.011	540.3	26.364	0
"2013-04-10	19:00:00"	5.9906	15.936	53.588	23.928	326.92	26.353	0
"2013-04-10	20:00:00"	8.5122	41.387	53.128	24.762	113.81	26.353	0
"2013-04-10	21:00:00"	5.1269	55.89	49.734	26.42	4.3712	26.367	0
"2013-04-10	22:00:00"	4.5988	62.666	44.915	29.672	0.06296	26.376	0
"2013-04-10	23:00:00"	4.9088	67.543	42.764	32.073	0.08606	26.382	0
"2013-04-11	00:00:00"	6.2634	52.855	40.349	35.211	0.07758	26.385	0
"2013-04-11	01:00:00"	5.7185	54.735	38.672	37.184	0.06169	26.397	0
"2013-04-11	02:00:00"	5.9639	47.559	36.497	39.152	0.07631	26.397	0
"2013-04-11	03:00:00"	7.728	46.779	35.897	39.888	0.05066	26.403	0
"2013-04-11	04:00:00"	7.5472	58.815	34.229	43.174	0.06868	0	0
"2013-04-11	05:00:00"	6.781	58.989	32.54	46.803	0.07589	26.353	0
"2013-04-11	06:00:00"	6.6704	43.298	31.12	50.51	0.07334	26.341	0
"2013-04-11	07:00:00"	5.6122	69.934	31.269	55.482	0.0867	26.338	0
"2013-04-11	08:00:00"	4.1719	45.626	30.504	59.9	17.8	26.347	0
"2013-04-11	09:00:00"	3.9103	94.639	37.428	54.651	176.91	26.356	0
"2013-04-11	10:00:00"	7.5633	125.63	43.856	35.559	403.44	26.35	0
"2013-04-11	11:00:00"	8.5246	171.46	48.263	32.423	623.62	26.347	0
"2013-04-11	12:00:00"	9.2845	206.34	52.373	32.605	805.29	26.338	0
"2013-04-11	13:00:00"	8.0803	260.77	55.959	29.025	930.18	26.317	0
"2013-04-11	14:00:00"	9.3957	264.39	59.063	23.831	989.24	26.294	0
"2013-04-11	15:00:00"	11.517	291.28	62.354	18.387	979.03	26.279	0
"2013-04-11	16:00:00"	11.045	312.42	64.494	15.37	903.85	26.258	0
"2013-04-11	17:00:00"	12.37	314.12	67.498	12.269	772.01	26.237	0
"2013-04-11	18:00:00"	10.817	327.85	68.501	12.171	585.96	26.234	0
"2013-04-11	19:00:00"	8.0287	334.56	68.87	12.538	361.13	26.234	0
"2013-04-11	20:00:00"	5.844	2.2029	67.869	13.245	139.29	26.243	0
"2013-04-11	21:00:00"	4.6491	63.678	62.698	15.77	6.0429	26.261	0
"2013-04-11	22:00:00"	5.5408	83.514	57.953	18.098	0.06169	26.276	0
"2013-04-11	23:00:00"	6.0608	90.63	54.858	19.824	0.05745	26.291	0
"2013-04-12	00:00:00"	7.6876	115.84	55.064	19.995	0.06275	26.291	0
"2013-04-12	01:00:00"	7.8454	119.55	54.225	20.45	0.06232	26.288	0
"2013-04-12	02:00:00"	6.4747	130.42	53.04	21.027	0.06338	26.291	0
"2013-04-12	03:00:00"	6.8289	142.47	53.324	20.793	0.08988	26.285	0
"2013-04-12	04:00:00"	5.4121	172.08	51.854	21.389	0.0903	26.276	0
"2013-04-12	05:00:00"	3.2765	184.53	48.759	23.828	0.06826	26.279	0
"2013-04-12	06:00:00"	2.8359	224.92	46.564	25.509	0.0778	26.288	0
"2013-04-12	07:00:00"	3.2802	190	46.748	25.159	0.05448	26.296	0
"2013-04-12	08:00:00"	4.8299	45.244	44.118	27.308	22.799	26.332	0
"2013-04-12	09:00:00"	6.5555	52.036	45.328	30.941	187.49	26.347	0
"2013-04-12	10:00:00"	4.7491	83.015	55.36	24.351	415.11	26.373	0
"2013-04-12	11:00:00"	4.7783	71.881	59.893	23.033	510.14	26.358	0
"2013-04-12	12:00:00"	8.4028	144.96	64.113	22.007	579.82	26.356	0
"2013-04-12	13:00:00"	8.9359	154.56	69.325	19.681	849.24	26.347	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-12	14:00:00"	5.9683	160.01	72.345	15.311	717.55	26.323	0
"2013-04-12	15:00:00"	7.0712	205.62	75.392	12.048	791	26.311	0
"2013-04-12	16:00:00"	9.7959	207.08	75.777	11.174	504.1	26.285	0
"2013-04-12	17:00:00"	7.659	202.79	77.703	10.26	764.67	26.267	0
"2013-04-12	18:00:00"	7.6366	242.06	77.753	9.5378	468.18	26.258	0
"2013-04-12	19:00:00"	7.9772	303.1	76.534	10.453	202.9	26.255	0
"2013-04-12	20:00:00"	7.3247	3.7145	72.478	12.813	47.36	26.261	0
"2013-04-12	21:00:00"	6.5393	32.403	65.584	15.966	2.924	26.267	0
"2013-04-12	22:00:00"	6.9531	37.081	60.661	20.979	0.05723	26.285	0
"2013-04-12	23:00:00"	6.6766	80.257	58.54	23.611	0.07483	26.308	0
"2013-04-13	00:00:00"	7.2216	115.01	61.703	23.691	0.0761	26.323	0
"2013-04-13	01:00:00"	4.0116	82.103	59.992	28.79	0.06953	26.32	0
"2013-04-13	02:00:00"	3.6648	63.743	58.287	32.19	0.06105	26.314	0
"2013-04-13	03:00:00"	4.1085	90.418	58.694	35.352	0.09666	26.311	0
"2013-04-13	04:00:00"	3.0006	127.39	57.876	38.947	0.08394	26.305	0
"2013-04-13	05:00:00"	3.3069	127.73	57.18	41.946	0.05787	26.305	0
"2013-04-13	06:00:00"	4.4012	90.729	55.187	44.733	0.09179	26.305	0
"2013-04-13	07:00:00"	4.984	65.5	51.546	49.601	0.05702	26.305	0
"2013-04-13	08:00:00"	6.2454	54.136	49.773	52.624	7.9584	26.314	0
"2013-04-13	09:00:00"	6.3032	62.861	52.911	51.111	160.75	26.329	0
"2013-04-13	10:00:00"	8.5128	109.66	58.004	52.929	297.84	26.317	0
"2013-04-13	11:00:00"	11.74	132.72	61.815	51.88	553.86	26.323	0
"2013-04-13	12:00:00"	8.7868	150.83	65.38	47.219	881.14	26.314	0
"2013-04-13	13:00:00"	9.9444	153.59	67.231	43.116	990.35	26.302	0
"2013-04-13	14:00:00"	9.1609	155.8	68.125	42.771	1010.9	26.288	0
"2013-04-13	15:00:00"	8.1816	154.38	69.082	42.329	907.06	26.258	0
"2013-04-13	16:00:00"	11.054	146.59	71.373	41.251	933.28	26.223	0
"2013-04-13	17:00:00"	14.392	156.74	71.653	40.963	768.88	26.214	0
"2013-04-13	18:00:00"	13.732	160.21	69.933	44.237	566.33	26.202	0
"2013-04-13	19:00:00"	15.079	171.73	70.295	44.755	338.35	26.199	0
"2013-04-13	20:00:00"	15.754	176.07	67.319	51.716	124.56	26.199	0
"2013-04-13	21:00:00"	11.888	167.31	64.066	57.788	6.4139	26.19	0
"2013-04-13	22:00:00"	10.018	166.03	61.079	64.471	0.06105	26.202	0
"2013-04-13	23:00:00"	11.515	172.41	59.167	70.782	0.04324	26.196	0
"2013-04-14	00:00:00"	11.825	175.24	57.461	76.491	0.06656	26.187	0
"2013-04-14	00:00:00"	8.9477	186	56.48	80.2	0	0.2008	0
"2013-04-14	01:00:00"	10.136	184.78	55.737	83.403	0.04706	26.172	0
"2013-04-14	02:00:00"	10.529	181.9	54.323	87.472	0.07186	26.161	0
"2013-04-14	03:00:00"	10.885	180.44	53.305	88.939	0.06571	26.134	0
"2013-04-14	04:00:00"	8.8197	190.42	52.891	90.017	0.07886	26.134	0
"2013-04-14	05:00:00"	5.7595	203.44	51.496	90.952	0.07674	26.131	0
"2013-04-14	06:00:00"	4.0594	213.64	48.852	92.317	0.07864	26.122	0
"2013-04-14	07:00:00"	2.8894	252.24	46.82	93.094	0.06508	26.131	0
"2013-04-14	08:00:00"	3.0777	220.69	45.948	93.43	28.016	26.146	0
"2013-04-14	09:00:00"	4.262	206.74	48.805	92.875	216.72	26.161	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-14	10:00:00"	8.3723	232.14	57.996	60.338	428.79	26.178	0
"2013-04-14	11:00:00"	16.44	257.81	71.193	23.808	636.64	26.178	0
"2013-04-14	12:00:00"	19.719	259.96	76.304	14.55	853.36	26.181	0
"2013-04-14	13:00:00"	16.687	260.05	79.184	11.974	979.22	26.167	0
"2013-04-14	14:00:00"	16.978	254.55	81.345	10.952	1038.1	26.143	0
"2013-04-14	15:00:00"	17.034	248.76	82.864	10.283	1028.1	26.122	0
"2013-04-14	16:00:00"	17.354	253.29	83.705	9.9317	945.72	26.102	0
"2013-04-14	17:00:00"	17.507	250.71	84.492	9.9283	784.33	26.084	0
"2013-04-14	18:00:00"	18.644	250.56	84.568	10.039	572.77	26.081	0
"2013-04-14	19:00:00"	17.377	247.97	83.778	10.117	342.8	26.087	0
"2013-04-14	20:00:00"	16.017	244.88	81.755	10.65	128.45	26.096	0
"2013-04-14	21:00:00"	11.07	236.83	77.588	12.253	6.975	26.11	0
"2013-04-14	22:00:00"	6.6996	205.52	72.132	15.223	0.05639	26.131	0
"2013-04-14	23:00:00"	6.566	191.25	69.346	17.26	0.06487	26.14	0
"2013-04-15	00:00:00"	12.32	230.49	72.555	14.505	0.07271	26.155	0
"2013-04-15	01:00:00"	3.005	284.37	69.361	15.819	0.04558	26.149	0
"2013-04-15	02:00:00"	8.061	210.17	65.114	18.181	0.06063	26.161	0
"2013-04-15	03:00:00"	6.6139	220.07	61.124	21.174	0.05723	26.169	0
"2013-04-15	04:00:00"	4.1439	223.73	59.234	23.66	0.06465	26.172	0
"2013-04-15	05:00:00"	4.6081	238.86	58.115	25.338	0.06847	26.175	0
"2013-04-15	06:00:00"	4.408	268.87	57.389	26.172	0.06381	26.178	0
"2013-04-15	07:00:00"	4.8237	263.59	56.013	26.876	0.06402	26.184	0
"2013-04-15	08:00:00"	6.6431	286.88	58.446	24.694	28.36	26.202	0
"2013-04-15	09:00:00"	9.1236	270.81	63.076	21.868	202.33	26.22	0
"2013-04-15	10:00:00"	14.959	263.05	70.758	17.824	431.95	26.223	0
"2013-04-15	11:00:00"	17.152	258.21	73.766	16.007	667.06	26.237	0
"2013-04-15	12:00:00"	15.68	247.5	76.554	14.043	858.95	26.249	0
"2013-04-15	13:00:00"	14.775	250.71	79.113	12.251	987.61	26.234	0
"2013-04-15	14:00:00"	14.71	244.98	81.466	11.057	1048.6	26.22	0
"2013-04-15	15:00:00"	15.455	240.51	83.401	10.404	1036.5	26.199	0
"2013-04-15	16:00:00"	15.969	228.33	84.443	9.6056	954.21	26.181	0
"2013-04-15	17:00:00"	17.992	235.73	84.933	9.3017	802.75	26.169	0
"2013-04-15	18:00:00"	20.383	227.33	85.169	8.9833	602.56	26.152	0
"2013-04-15	19:00:00"	20.55	224.3	85.075	8.5578	372.74	26.161	0
"2013-04-15	20:00:00"	18.382	225.71	83.578	8.5992	148.1	26.175	0
"2013-04-15	21:00:00"	12.176	229.85	79.487	9.7756	8.4798	26.187	0
"2013-04-15	22:00:00"	6.0453	236.92	73.006	12.675	0.05617	26.208	0
"2013-04-15	23:00:00"	6.438	240.39	69.49	13.701	0.0708	26.226	0
"2013-04-16	00:00:00"	7.559	247.53	70.487	12.379	0.06868	26.226	0
"2013-04-16	01:00:00"	5.1126	230.49	65.912	13.744	0.06889	26.232	0
"2013-04-16	02:00:00"	3.9209	234.9	64.457	14.209	0.07568	26.234	0
"2013-04-16	03:00:00"	5.1536	238.38	63.232	14.701	0.0619	26.24	0
"2013-04-16	04:00:00"	5.5544	282.99	62.906	15.303	0.06211	26.234	0
"2013-04-16	05:00:00"	3.4573	151.78	58.091	18.191	0.06147	26.24	0
"2013-04-16	06:00:00"	2.1959	152.91	57.859	18.362	0.0477	26.246	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-16	07:00:00"	3.0186	165.66	55.045	20.526	0.05363	26.261	0
"2013-04-16	08:00:00"	3.1802	159.32	55.509	20.966	30.166	26.285	0
"2013-04-16	09:00:00"	5.5519	158.74	63.44	17.278	206.87	26.311	0
"2013-04-16	10:00:00"	6.9457	211.49	72.032	13.133	441.5	26.329	0
"2013-04-16	11:00:00"	5.2848	275.37	75.397	11.823	673.59	26.338	0
"2013-04-16	12:00:00"	5.0188	296.28	78.034	10.844	861.86	26.329	0
"2013-04-16	13:00:00"	4.6876	256.77	81.26	9.4664	992.2	26.311	0
"2013-04-16	14:00:00"	8.212	185.8	84.37	8.1681	1055	26.294	0
"2013-04-16	15:00:00"	10.122	187.62	86.253	7.5131	1037.1	26.261	0
"2013-04-16	16:00:00"	9.5238	206.04	87.673	7.3539	956.18	26.252	0
"2013-04-16	17:00:00"	12.328	194.88	88.243	6.932	789.14	26.226	0
"2013-04-16	18:00:00"	10.747	192.11	88.37	6.8031	530.63	26.214	0
"2013-04-16	19:00:00"	11.961	193.66	88.561	6.6103	378.49	26.217	0
"2013-04-16	20:00:00"	9.21	200.29	87.448	6.7655	151.22	26.223	0
"2013-04-16	21:00:00"	4.6559	171.17	80.35	8.4736	11.096	26.232	0
"2013-04-16	22:00:00"	4.5493	137.85	75.795	10.222	0.07886	26.252	0
"2013-04-16	23:00:00"	4.0892	58.288	72.745	16.15	0.0744	26.264	0
"2013-04-17	00:00:00"	6.0006	102.25	73.62	35.308	0.08903	26.258	0
"2013-04-17	01:00:00"	10.929	160.31	72.821	51.731	0.05999	26.243	0
"2013-04-17	02:00:00"	12.857	173.81	71.546	60.472	0.0566	26.226	0
"2013-04-17	03:00:00"	14.002	173.09	70.533	63.284	0.06614	26.217	0
"2013-04-17	04:00:00"	11.262	177.1	69.166	67.246	0.05045	26.226	0
"2013-04-17	05:00:00"	10.839	191.94	67.469	77.111	0.0619	26.214	0
"2013-04-17	06:00:00"	8.0971	184.24	65.764	84.682	0.06699	26.208	0
"2013-04-17	07:00:00"	5.5196	183.57	63.61	89.128	0.06487	26.211	0
"2013-04-17	08:00:00"	7.101	179	61.97	91.971	23.061	26.22	0
"2013-04-17	09:00:00"	11.269	179.71	63.861	88.799	192.47	26.229	0
"2013-04-17	10:00:00"	13.394	190.65	69.383	63.545	424.28	26.229	0
"2013-04-17	11:00:00"	13.827	211.02	75.457	33.804	645.52	26.223	0
"2013-04-17	12:00:00"	20.665	226.11	80.965	12.081	855.47	26.208	0
"2013-04-17	13:00:00"	20.404	222.82	83.085	9.202	1004.6	26.184	0
"2013-04-17	14:00:00"	19.967	219.08	84.746	7.5006	1066.1	26.152	0
"2013-04-17	15:00:00"	20.495	224.77	86.15	6.7081	1053.7	26.125	0
"2013-04-17	16:00:00"	20.176	227.92	87.676	6.03	969.33	26.107	0
"2013-04-17	17:00:00"	19.75	222	88.178	5.4156	822.89	26.084	0
"2013-04-17	18:00:00"	19.87	228.51	88.45	4.4303	621.32	26.072	0
"2013-04-17	19:00:00"	20.337	237.94	87.83	4.1464	380.47	26.069	0
"2013-04-17	20:00:00"	17.797	235.56	85.592	4.4983	123.43	26.072	0
"2013-04-17	21:00:00"	10.974	242.94	81.284	5.3911	5.8973	26.084	0
"2013-04-17	22:00:00"	13.115	262.66	78.717	6.4853	0.05278	26.131	0
"2013-04-17	23:00:00"	21.44	290.12	75.902	12.06	0.06953	26.187	0
"2013-04-18	00:00:00"	25.386	332.62	65.393	20.42	0.05278	26.229	0
"2013-04-18	01:00:00"	22.637	357.05	57.893	28.988	0.05448	26.299	0
"2013-04-18	02:00:00"	17.237	10.575	48.089	56.048	0.07229	26.329	0
"2013-04-18	03:00:00"	18.729	15.192	43.166	63.925	0.07038	26.332	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-18	04:00:00"	17.979	15.284	40.301	62.698	0.06889	26.367	0
"2013-04-18	05:00:00"	16.965	20.552	38.132	63.251	0.07207	26.388	0
"2013-04-18	06:00:00"	13.512	12.628	37.621	64.22	0.0725	26.397	0
"2013-04-18	07:00:00"	16.161	18.779	35.997	57.519	0.06571	26.435	0
"2013-04-18	08:00:00"	15.164	26.678	34.723	57.528	30.434	26.465	0
"2013-04-18	09:00:00"	21.171	18.661	35.322	54.509	205.02	26.471	0
"2013-04-18	10:00:00"	17.781	20.7	37.841	47.48	433.14	26.491	0
"2013-04-18	11:00:00"	16.846	15.917	40.64	41.269	648.35	26.5	0
"2013-04-18	12:00:00"	14.324	10.995	43.507	35.585	827.55	26.509	0
"2013-04-18	13:00:00"	11.64	1.2028	46.611	31.867	954.18	26.506	0
"2013-04-18	14:00:00"	10.668	343.59	49.143	29.452	1014.1	26.488	0
"2013-04-18	15:00:00"	10.407	347.98	52.089	25.568	999.1	26.48	0
"2013-04-18	16:00:00"	10.057	355.43	54.326	22.855	917.02	26.462	0
"2013-04-18	17:00:00"	10.885	338.61	56.353	20.131	790.27	26.453	0
"2013-04-18	18:00:00"	10.635	349.12	56.611	19.011	594.16	26.459	0
"2013-04-18	19:00:00"	10.105	26.84	56.469	17.421	354.71	26.465	0
"2013-04-18	20:00:00"	11.89	33.711	54.864	17.517	139.73	26.474	0
"2013-04-18	21:00:00"	8.6948	53.322	51.292	19.151	11.585	26.503	0
"2013-04-18	22:00:00"	8.4948	59.066	48.259	20.697	0.0831	26.539	0
"2013-04-18	23:00:00"	8.4575	56.788	44.962	24.004	0.07186	26.577	0
"2013-04-19	00:00:00"	11.112	48.17	43.327	27.801	0.06232	26.592	0
"2013-04-19	01:00:00"	7.3247	56.451	40.216	31.693	0.06995	26.609	0
"2013-04-19	02:00:00"	5.6526	37.372	36.243	35.694	0.06041	26.624	0
"2013-04-19	03:00:00"	5.9577	28.173	33.229	39.376	0.06253	26.627	0
"2013-04-19	04:00:00"	6.077	33.291	32.449	41.238	0.0477	26.627	0
"2013-04-19	05:00:00"	5.8539	32.311	30.994	43.553	0.06911	26.63	0
"2013-04-19	06:00:00"	6.9134	38.073	30.805	44.458	0.07017	26.639	0
"2013-04-19	07:00:00"	3.2777	20.294	29.503	46.779	0.0725	26.672	0
"2013-04-19	08:00:00"	5.0952	26.398	29.567	46.089	37.145	26.701	0
"2013-04-19	09:00:00"	4.9324	85.217	37.056	36.401	215.58	26.716	0
"2013-04-19	10:00:00"	8.2319	143.97	42.471	30.892	443.5	26.725	0
"2013-04-19	11:00:00"	7.7373	168.34	45.227	27.598	660.28	26.716	0
"2013-04-19	12:00:00"	9.2479	201.75	48.75	24.86	837.17	26.701	0
"2013-04-19	13:00:00"	10.332	213.22	52.825	21.882	960.34	26.677	0
"2013-04-19	14:00:00"	9.7431	208.2	55.883	18.181	1019.8	26.648	0
"2013-04-19	15:00:00"	10.172	223.74	58.245	15.488	1008.8	26.615	0
"2013-04-19	16:00:00"	10.25	217.12	60.121	14.257	931.89	26.589	0
"2013-04-19	17:00:00"	11.649	210.57	61.984	13.13	789.48	26.547	0
"2013-04-19	18:00:00"	11.649	210.22	63.046	12.221	597.53	26.53	0
"2013-04-19	19:00:00"	11.108	206.51	63.464	11.334	374.7	26.512	0
"2013-04-19	20:00:00"	11.323	202.35	62.417	12.245	153.63	26.497	0
"2013-04-19	21:00:00"	6.3765	172.72	57.759	14.289	11.728	26.494	0
"2013-04-19	22:00:00"	5.4177	146.06	52.665	17.161	0.06126	26.497	0
"2013-04-19	23:00:00"	6.3548	149.47	51.11	18.921	0.07271	26.497	0
"2013-04-20	00:00:00"	6.8332	161.65	49.355	21.336	0.07038	26.485	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-20	01:00:00"	8.5824	171.6	48.726	24.796	0.08437	26.471	0
"2013-04-20	02:00:00"	10.748	175.74	49.748	25.639	0.06741	26.459	0
"2013-04-20	03:00:00"	12.142	178.86	50.717	25.773	0.06253	26.444	0
"2013-04-20	04:00:00"	11.21	184.27	49.05	28.559	0.07101	26.438	0
"2013-04-20	05:00:00"	8.7657	182.68	46.085	32.064	0.07419	26.423	0
"2013-04-20	06:00:00"	10.084	180.13	44.945	33.466	0.06105	26.418	0
"2013-04-20	07:00:00"	9.072	178.28	43.797	34.787	0.08628	26.418	0
"2013-04-20	08:00:00"	8.4873	181.06	44.011	34.754	38.374	26.42	0
"2013-04-20	09:00:00"	12.391	181.12	49.307	29.569	220.9	26.435	0
"2013-04-20	10:00:00"	15.275	186.61	55.111	25.104	448.7	26.429	0
"2013-04-20	11:00:00"	15.362	192.78	59.866	21.536	666.03	26.423	0
"2013-04-20	12:00:00"	13.53	195.22	64.937	17.682	844.45	26.406	0
"2013-04-20	13:00:00"	14.113	204.64	69.573	14.206	971.92	26.379	0
"2013-04-20	14:00:00"	13.973	206.46	72.433	12.473	1058.8	26.353	0
"2013-04-20	15:00:00"	13.845	211.17	75.251	9.7719	1050.6	26.32	0
"2013-04-20	16:00:00"	13.876	218.3	77.738	7.7639	964.38	26.288	0
"2013-04-20	17:00:00"	15.412	228.54	79.539	6.7392	816.77	26.249	0
"2013-04-20	18:00:00"	16.487	249.02	80.324	4.9	620.37	26.246	0
"2013-04-20	19:00:00"	16.308	256.74	80.082	5.1581	388.88	26.24	0
"2013-04-20	20:00:00"	12.307	256.65	78.676	5.0194	157.95	26.249	0
"2013-04-20	21:00:00"	10.547	253.9	74.684	5.3703	12.938	26.276	0
"2013-04-20	22:00:00"	9.8475	323.28	70.655	6.6622	0.07313	26.308	0
"2013-04-20	23:00:00"	4.5497	352.71	62.491	9.2689	0.06317	26.329	0
"2013-04-21	00:00:00"	2.6303	3.9857	57.109	12.348	0.06253	26.338	0
"2013-04-21	01:00:00"	5.5656	196.16	55.333	19.435	0.08225	26.361	0
"2013-04-21	02:00:00"	4.4124	255.35	53.866	24.48	0.06211	26.382	0
"2013-04-21	03:00:00"	3.3964	247.19	52.569	27.878	0.04621	26.388	0
"2013-04-21	04:00:00"	4.8051	258.02	52.699	28.863	0.06508	26.397	0
"2013-04-21	05:00:00"	3.5959	289.76	51.167	30.136	0.08797	26.397	0
"2013-04-21	06:00:00"	3.1448	296.6	47.908	31.143	0.07568	26.409	0
"2013-04-21	07:00:00"	4.4136	323.48	46.613	30.388	0.05702	26.432	0
"2013-04-21	08:00:00"	1.5242	224.66	42.877	32.581	36.697	26.465	0
"2013-04-21	09:00:00"	3.2939	281.52	50.339	28.085	216.36	26.488	0
"2013-04-21	10:00:00"	7.6385	282.63	59.174	23.154	444.1	26.494	0
"2013-04-21	11:00:00"	9.5933	293.9	67.196	18.726	664.2	26.503	0
"2013-04-21	12:00:00"	10.09	296.52	72.769	13.396	869.54	26.5	0
"2013-04-21	13:00:00"	12.589	289.6	74.594	11.493	1007.7	26.488	0
"2013-04-21	14:00:00"	11.399	288.32	75.865	8.8031	1073.5	26.468	0
"2013-04-21	15:00:00"	13.359	292.59	77.134	8.2053	1061.7	26.45	0
"2013-04-21	16:00:00"	12.012	299.53	78.226	8.0803	976.11	26.438	0
"2013-04-21	17:00:00"	12.444	295.69	79.515	8.2525	824.09	26.415	0
"2013-04-21	18:00:00"	9.4131	280.58	80.198	8.2594	622.57	26.406	0
"2013-04-21	19:00:00"	6.7195	263.03	80.239	8.2614	389.83	26.4	0
"2013-04-21	20:00:00"	6.3448	237.05	79.656	8.2144	160.47	26.397	0
"2013-04-21	21:00:00"	2.4712	136.7	75.243	9.4622	12.93	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-21	22:00:00"	4.7311	107.82	70.059	11.044	0.07038	26.42	0
"2013-04-21	23:00:00"	5.2313	136.6	66.228	12.89	0.05257	26.432	0
"2013-04-22	00:00:00"	6.8599	160.63	62.541	14.797	0.07504	26.432	0
"2013-04-22	01:00:00"	7.0364	176.47	60.383	16.259	0.06868	26.432	0
"2013-04-22	02:00:00"	10.568	177.79	61.273	20.414	0.06762	26.418	0
"2013-04-22	03:00:00"	8.0064	189.31	58.347	28.819	0.06889	26.4	0
"2013-04-22	04:00:00"	5.6986	205.78	55.899	39.013	0.0513	26.388	0
"2013-04-22	05:00:00"	5.7719	189.81	53.74	46.656	0.08161	26.379	0
"2013-04-22	06:00:00"	5.6992	195.27	53.455	51.139	0.06868	26.379	0
"2013-04-22	07:00:00"	3.7065	217.29	50.713	57.348	0.05957	26.391	0
"2013-04-22	08:00:00"	4.1042	225.84	49.798	61.039	41.986	26.4	0
"2013-04-22	09:00:00"	7.5049	220.44	55.736	53.58	224.81	26.415	0
"2013-04-22	10:00:00"	12.184	211.83	62.876	42.303	451.01	26.42	0
"2013-04-22	11:00:00"	11.503	214.82	68.487	33.13	665.64	26.426	0
"2013-04-22	12:00:00"	9.7226	228.5	74.293	22.57	847.23	26.426	0
"2013-04-22	13:00:00"	8.1294	229.06	78.794	16.267	1004.2	26.4	0
"2013-04-22	14:00:00"	6.5126	220.6	82.551	12.505	1068.5	26.364	0
"2013-04-22	15:00:00"	9.3473	236.2	85.553	9.1281	1054.1	26.335	0
"2013-04-22	16:00:00"	11.645	233.88	87.824	6.8733	974.58	26.305	0
"2013-04-22	17:00:00"	11.343	256.68	88.767	5.8861	823.6	26.273	0
"2013-04-22	18:00:00"	10.977	230.76	89.179	5.3761	622.12	26.243	0
"2013-04-22	19:00:00"	13.426	228.13	89.476	4.9647	393.92	26.237	0
"2013-04-22	20:00:00"	14.072	230.81	87.668	4.9272	164.6	26.237	0
"2013-04-22	21:00:00"	8.1493	215.06	82.002	6.0531	14.647	26.249	0
"2013-04-22	22:00:00"	5.6054	211.92	75.063	7.6797	0.06465	26.261	0
"2013-04-22	23:00:00"	3.5132	217.75	70.9	8.9622	0.07165	26.276	0
"2013-04-23	00:00:00"	8.3568	173	70.133	18.981	0.05575	26.279	0
"2013-04-23	01:00:00"	9.2771	179.26	68.545	32.262	0.08034	26.276	0
"2013-04-23	02:00:00"	10.266	173.65	66.365	37.906	0.05469	26.27	0
"2013-04-23	03:00:00"	15.56	36.335	60.668	43.504	0.04748	26.323	0
"2013-04-23	04:00:00"	23.564	20.974	44.99	63.679	0.06741	26.344	0
"2013-04-23	05:00:00"	23.547	22.127	40.158	68.945	0.05617	26.37	0
"2013-04-23	06:00:00"	22.872	20.959	37.228	71.528	0.07504	26.409	0
"2013-04-23	07:00:00"	23.142	17.83	35.443	71.541	0.06847	26.435	0
"2013-04-23	08:00:00"	22.887	21.696	34.117	69.982	23.047	26.48	0
"2013-04-23	09:00:00"	20.974	25.189	34.995	67.856	175.87	26.515	0
"2013-04-23	10:00:00"	18.977	23.851	37.271	62.612	386.5	26.533	0
"2013-04-23	11:00:00"	16.826	23.74	40.329	55.851	637.08	26.542	0
"2013-04-23	12:00:00"	16.205	22.832	43.052	51.28	814.03	26.53	0
"2013-04-23	13:00:00"	13.594	27.812	46.12	46.661	938.95	26.524	0
"2013-04-23	14:00:00"	11.948	27.361	48.993	41.79	998.18	26.5	0
"2013-04-23	15:00:00"	10.706	33.823	51.431	38.946	989.67	26.483	0
"2013-04-23	16:00:00"	10.109	35.678	53.766	35.719	914.15	26.465	0
"2013-04-23	17:00:00"	9.7474	55.49	55.523	33.394	775.96	26.435	0
"2013-04-23	18:00:00"	10.691	55.994	56.174	32.327	590.22	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-23	19:00:00"	12.207	57.532	55.736	32.879	366.94	26.441	0
"2013-04-23	20:00:00"	12.939	57.256	53.923	35.426	126.12	26.465	0
"2013-04-23	21:00:00"	15.191	46.065	50.489	39.699	7.4769	26.524	0
"2013-04-23	22:00:00"	21.18	29.931	43.071	47.652	0.07292	26.586	0
"2013-04-23	23:00:00"	19.425	39.286	38.78	53.948	0.08331	26.607	0
"2013-04-24	00:00:00"	16.138	60.027	36.619	58.211	0.07737	26.615	0
"2013-04-24	01:00:00"	14.979	42.263	35.397	60.957	0.07207	26.66	0
"2013-04-24	02:00:00"	16.95	44.257	33.852	64.145	0.06932	26.663	0
"2013-04-24	03:00:00"	13.373	44.214	32.38	65.822	0.07546	26.651	0
"2013-04-24	04:00:00"	9.5623	36.868	31.653	67.331	0.08458	26.666	0
"2013-04-24	05:00:00"	5.6253	39.359	30.504	69.433	0.07017	26.666	0
"2013-04-24	06:00:00"	9.369	29.613	29.737	69.088	0.0672	26.663	0
"2013-04-24	07:00:00"	9.7468	29.841	28.936	69.418	0.08755	26.672	0
"2013-04-24	08:00:00"	8.1859	20.214	28.782	69.349	41.023	26.689	0
"2013-04-24	09:00:00"	10.628	28.108	32.356	58.513	220.54	26.71	0
"2013-04-24	10:00:00"	8.4426	46.676	36.307	49.556	445.17	26.704	0
"2013-04-24	11:00:00"	5.5855	65.421	40.255	43.408	657.42	26.71	0
"2013-04-24	12:00:00"	5.1039	43.553	44.351	38.184	830.69	26.695	0
"2013-04-24	13:00:00"	5.3283	79.608	48.671	32.972	952.2	26.677	0
"2013-04-24	14:00:00"	5.5445	82.304	51.76	29.942	998.29	26.648	0
"2013-04-24	15:00:00"	5.9925	134.15	54.939	27.239	889.02	26.624	0
"2013-04-24	16:00:00"	6.1317	144.36	57.649	25.955	802.32	26.604	0
"2013-04-24	17:00:00"	6.1572	133.79	59.599	26.209	795.77	26.571	0
"2013-04-24	18:00:00"	7.1501	149.42	61.435	25.884	591.11	26.553	0
"2013-04-24	19:00:00"	8.1194	145.47	62.166	26.157	372.66	26.556	0
"2013-04-24	20:00:00"	8.8583	124.38	61.259	26.282	157.32	26.565	0
"2013-04-24	21:00:00"	7.1538	122.85	57.894	28.877	12.825	26.583	0
"2013-04-24	22:00:00"	6.4001	115.88	54.151	32.21	0.0761	26.609	0
"2013-04-24	23:00:00"	7.0091	110.08	52.284	33.68	0.06487	26.624	0
"2013-04-25	00:00:00"	6.279	98.373	49.695	35.746	0.07059	26.63	0
"2013-04-25	01:00:00"	5.3152	87.556	45.868	39.25	0.06911	26.642	0
"2013-04-25	02:00:00"	5.5812	80.498	45.002	39.19	0.0761	26.639	0
"2013-04-25	03:00:00"	6.1509	77.315	43.045	41.107	0.06169	26.63	0
"2013-04-25	04:00:00"	6.2696	73.492	42.498	42.421	0.07207	26.642	0
"2013-04-25	05:00:00"	7.0954	67.137	44.37	40.473	0.08076	26.642	0
"2013-04-25	06:00:00"	8.4556	72.638	44.291	39.531	0.08225	26.636	0
"2013-04-25	07:00:00"	7.5242	72.437	43.536	40.379	0.06974	26.618	0
"2013-04-25	08:00:00"	8.3705	86.888	45.045	41.421	11.847	26.642	0
"2013-04-25	09:00:00"	8.6868	105.33	49.917	39.811	75.025	26.66	0
"2013-04-25	10:00:00"	9.7561	123.78	52.474	41.303	181.8	26.674	0
"2013-04-25	11:00:00"	10.097	123.46	54.662	42.718	386.19	26.669	0
"2013-04-25	12:00:00"	12.393	135.15	57.534	41.486	596.05	26.648	0
"2013-04-25	13:00:00"	13.468	146.23	61.289	40.897	913.09	26.607	0
"2013-04-25	14:00:00"	16.254	147.18	64.617	39.235	998.63	26.592	0
"2013-04-25	15:00:00"	14.856	147.79	67.651	36.736	980.52	26.553	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-25	16:00:00"	16.23	140.3	70.826	31.957	904.22	26.506	0
"2013-04-25	17:00:00"	17.63	139.19	72.697	30.078	763.66	26.471	0
"2013-04-25	18:00:00"	18.142	144.21	73.462	30.077	570.52	26.435	0
"2013-04-25	19:00:00"	20.078	144.11	73.725	31.131	359.65	26.415	0
"2013-04-25	20:00:00"	16.822	147.11	71.992	34.584	157.5	26.412	0
"2013-04-25	21:00:00"	12.248	143.08	68.343	40.58	11.647	26.438	0
"2013-04-25	22:00:00"	10.146	131.88	64.92	48.412	0.05639	26.474	0
"2013-04-25	23:00:00"	13.811	135.01	62.031	54.957	0.0655	26.459	0
"2013-04-26	00:00:00"	10.428	131.94	58.6	60.214	0.06275	26.456	0
"2013-04-26	01:00:00"	11.172	150.9	56.336	62.152	0.05511	26.459	0
"2013-04-26	02:00:00"	6.3082	167.23	53.628	66.464	0.05745	26.462	0
"2013-04-26	03:00:00"	8.688	176.58	52.894	66.653	0.05808	26.435	0
"2013-04-26	04:00:00"	7.3328	181.29	51.184	70.089	0.08098	26.432	0
"2013-04-26	05:00:00"	3.9171	205.9	49.088	74.09	0.07589	26.435	0
"2013-04-26	06:00:00"	3.9793	213.57	46.535	78.817	0.07144	26.438	0
"2013-04-26	07:00:00"	3.9675	226.79	44.7	82.874	0.09709	26.453	0
"2013-04-26	08:00:00"	5.0356	245.96	45.394	83.07	48.011	26.477	0
"2013-04-26	09:00:00"	6.8463	252.07	50.056	74.699	233.6	26.494	0
"2013-04-26	10:00:00"	7.8324	258.55	56.78	60.286	460.23	26.506	0
"2013-04-26	11:00:00"	7.6317	284.44	67.291	36.029	674.04	26.518	0
"2013-04-26	12:00:00"	11.214	304.49	74.265	16.893	852.16	26.521	0
"2013-04-26	13:00:00"	13.39	278.12	76.979	13.193	994.23	26.506	0
"2013-04-26	14:00:00"	14.05	274.91	79.193	10.226	1080.6	26.494	0
"2013-04-26	15:00:00"	13.962	283.21	80.546	9.4136	1067	26.491	0
"2013-04-26	16:00:00"	11.505	269.4	81.555	9.4228	978.49	26.471	0
"2013-04-26	17:00:00"	10.726	272.74	83.315	8.0947	831.19	26.453	0
"2013-04-26	18:00:00"	11.195	278.04	83.965	7.4039	633.92	26.447	0
"2013-04-26	19:00:00"	9.7655	251.66	83.799	7.2797	401.86	26.447	0
"2013-04-26	20:00:00"	5.7234	248.92	82.855	7.3122	172.83	26.456	0
"2013-04-26	21:00:00"	3.0972	233.12	76.876	9.2906	16.975	26.471	0
"2013-04-26	22:00:00"	6.4088	12.342	71.037	10.641	0.04897	26.488	0
"2013-04-26	23:00:00"	14.174	31.756	69.329	18.924	0.06783	26.527	0
"2013-04-27	00:00:00"	15.129	37.584	66.47	29.17	0.06232	26.547	0
"2013-04-27	01:00:00"	13.642	37.64	62.665	33.607	0.05639	26.559	0
"2013-04-27	02:00:00"	10.766	43.18	58.956	38.185	0.06911	26.556	0
"2013-04-27	03:00:00"	9.0844	71.204	55.166	42.499	0.06529	26.577	0
"2013-04-27	04:00:00"	7.7665	54.82	52.92	46.514	0.06444	26.571	0
"2013-04-27	05:00:00"	9.1342	31.815	51.202	50.442	0.07229	26.571	0
"2013-04-27	06:00:00"	9.7164	8.6318	50.843	53.128	0.05342	26.58	0
"2013-04-27	07:00:00"	9.5064	12.362	49.668	56.945	0.09179	26.583	0
"2013-04-27	08:00:00"	8.7446	10.069	48.189	60.998	46.87	26.601	0
"2013-04-27	09:00:00"	10.695	12.825	54.283	53.477	228.81	26.615	0
"2013-04-27	10:00:00"	11.32	23.425	60.222	44.779	448.36	26.618	0
"2013-04-27	11:00:00"	10.711	53.669	65.136	36.72	657.21	26.615	0
"2013-04-27	12:00:00"	10.597	79.986	69.505	28.865	824.45	26.621	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-27	13:00:00"	9.0658	78.797	72.426	24.537	948.81	26.601	0
"2013-04-27	14:00:00"	10.105	84.72	75.335	20.607	1027.4	26.568	0
"2013-04-27	15:00:00"	9.676	84.611	77.738	17.786	1038.5	26.545	0
"2013-04-27	16:00:00"	9.5604	78.402	79.042	17.344	955.26	26.515	0
"2013-04-27	17:00:00"	8.4314	107.02	79.783	16.485	809.78	26.491	0
"2013-04-27	18:00:00"	8.0269	111.65	80.09	15.378	608.92	26.477	0
"2013-04-27	19:00:00"	9.1242	102.73	79.634	15.147	390.41	26.474	0
"2013-04-27	20:00:00"	8.8551	116.2	78.286	16.143	163.58	26.474	0
"2013-04-27	21:00:00"	5.9136	108.13	73.495	18.182	13.608	26.474	0
"2013-04-27	22:00:00"	5.688	100.53	68.133	20.833	0.08246	26.483	0
"2013-04-27	23:00:00"	6.6437	94.742	64.618	23.336	0.05935	26.488	0
"2013-04-28	00:00:00"	9.1248	103.45	65.169	25.325	0.05511	26.491	0
"2013-04-28	01:00:00"	8.1449	105.13	63.507	27.819	0.0602	26.491	0
"2013-04-28	02:00:00"	8.3574	128.16	61.581	31.954	0.06932	26.485	0
"2013-04-28	03:00:00"	6.0304	136.32	58.5	37.911	0.07377	26.474	0
"2013-04-28	04:00:00"	5.3258	149.63	56.636	42.891	0.07165	26.459	0
"2013-04-28	05:00:00"	4.6031	168.47	54.387	48.619	0.06826	26.465	0
"2013-04-28	06:00:00"	4.7435	153.88	54.151	54.129	0.06953	26.465	0
"2013-04-28	07:00:00"	2.5203	152.58	54.197	58.5	0.12464	26.471	0
"2013-04-28	08:00:00"	2.1879	151.63	54.085	60.821	45.659	26.48	0
"2013-04-28	09:00:00"	7.421	177.16	60.429	58.078	221.24	26.485	0
"2013-04-28	10:00:00"	12.945	188.26	66.294	58.635	440.93	26.483	0
"2013-04-28	11:00:00"	14.101	192.69	69.806	56.506	648.9	26.48	0
"2013-04-28	12:00:00"	11.24	191.56	73.457	47.917	819.29	26.468	0
"2013-04-28	13:00:00"	9.4305	202.47	77.248	35.077	940.46	26.453	0
"2013-04-28	14:00:00"	9.2354	175.96	80.423	22.829	1077.6	26.426	0
"2013-04-28	15:00:00"	10.031	199.18	81.768	18.973	1032	26.397	0
"2013-04-28	16:00:00"	7.6056	119.15	81.614	16.398	495.91	26.379	0
"2013-04-28	17:00:00"	15.206	319.46	77.662	21.443	316.74	26.37	0
"2013-04-28	18:00:00"	13.871	302.93	79.398	18.762	459.51	26.364	0
"2013-04-28	19:00:00"	6.717	304.44	80.423	17.001	388.12	26.347	0
"2013-04-28	20:00:00"	6.6717	159.45	79.569	17.811	171.34	26.332	0
"2013-04-28	21:00:00"	8.5569	154.11	73.413	24.626	21.302	26.338	0
"2013-04-28	22:00:00"	5.3463	114.31	68.068	28.211	0.05575	26.341	0
"2013-04-28	23:00:00"	5.977	148.26	66.6	29.216	0.04939	26.347	0
"2013-04-29	00:00:00"	9.3467	162.47	64.967	32.243	0.06762	26.353	0
"2013-04-29	01:00:00"	8.3531	185.09	63.349	41.304	0.05745	26.364	0
"2013-04-29	02:00:00"	7.8659	184.8	60.057	50.788	0.05829	26.367	0
"2013-04-29	03:00:00"	7.1048	181.64	57.916	55.644	0.06826	26.364	0
"2013-04-29	04:00:00"	7.4067	184.67	56.178	61.045	0.07652	26.373	0
"2013-04-29	05:00:00"	6.3927	189.26	54.621	64.786	0.06041	26.367	0
"2013-04-29	06:00:00"	9.6959	191.52	56.122	61.239	0.06063	26.361	0
"2013-04-29	07:00:00"	7.311	200.1	54.739	65.15	0.1469	26.356	0
"2013-04-29	08:00:00"	5.5532	180.54	52.467	72.701	51.76	26.361	0
"2013-04-29	09:00:00"	9.0919	182.14	58.232	62.687	235.03	26.367	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-04-29	10:00:00"	10.021	203.33	65.661	46.78	456.97	26.361	0
"2013-04-29	11:00:00"	8.9117	223.75	71.175	37.158	666.19	26.358	0
"2013-04-29	12:00:00"	11.996	210.9	76.852	26.241	837.02	26.353	0
"2013-04-29	13:00:00"	12.834	198.26	80.528	19.692	985.83	26.335	0
"2013-04-29	14:00:00"	11.895	198.18	82.964	17.409	1060.2	26.311	0
"2013-04-29	15:00:00"	10.84	205.57	84.517	15.584	1046.5	26.288	0
"2013-04-29	16:00:00"	11.15	188.08	85.381	15.356	958.96	26.258	0
"2013-04-29	17:00:00"	11.708	175.53	85.929	14.867	812.44	26.24	0
"2013-04-29	18:00:00"	11.748	178.96	86.061	14.095	616.71	26.223	0
"2013-04-29	19:00:00"	10.489	164.99	85.538	13.681	392.33	26.205	0
"2013-04-29	20:00:00"	11.399	162.73	83.907	13.901	168.64	26.202	0
"2013-04-29	21:00:00"	8.0461	161.74	79.486	15.352	16.561	26.208	0
"2013-04-29	22:00:00"	7.0184	163.87	73.838	19.665	0.06253	26.22	0
"2013-04-29	23:00:00"	11.397	170.96	72.921	26.697	0.06529	26.234	0
"2013-04-30	00:00:00"	12.879	175.44	71.037	35.587	0.05384	26.232	0
"2013-04-30	01:00:00"	13.631	180.24	69.117	42.838	0.05575	26.234	0
"2013-04-30	02:00:00"	12.253	182.44	67.205	45.435	0.06529	26.237	0
"2013-04-30	03:00:00"	12.979	181.79	65.797	47.16	0.06783	26.226	0
"2013-04-30	04:00:00"	12.35	184.81	64.98	48.844	0.05427	26.217	0
"2013-04-30	05:00:00"	12.538	184.3	63.626	54.63	0.0443	26.214	0
"2013-04-30	06:00:00"	12.362	187.03	61.816	61.385	0.06487	26.205	0
"2013-04-30	07:00:00"	9.4827	192.56	60.122	68.623	0.17955	26.214	0
"2013-04-30	08:00:00"	8.2804	201.18	58.714	74.468	54.709	26.214	0
"2013-04-30	09:00:00"	10.641	204.95	62.005	69.787	240.07	26.22	0
"2013-04-30	10:00:00"	12.084	210.58	67.213	55.283	465.82	26.234	0
"2013-04-30	11:00:00"	9.7984	224.52	73.18	38.702	675.19	26.229	0
"2013-04-30	12:00:00"	7.6025	247.27	80.078	23.387	857.77	26.223	0
"2013-04-30	13:00:00"	5.2052	286.16	86.27	13.751	1011.4	26.205	0
"2013-04-30	14:00:00"	5.2183	236.51	90.412	9.0028	1065.2	26.187	0
"2013-04-30	15:00:00"	6.8183	253.73	92.335	6.5908	889.55	26.167	0
"2013-04-30	16:00:00"	9.2274	217.93	93.328	5.6622	819.43	26.161	0
"2013-04-30	17:00:00"	8.1468	305.02	92.159	5.985	431.97	26.143	0
"2013-04-30	18:00:00"	7.0668	199.95	92.544	5.6328	501.24	26.137	0
"2013-04-30	19:00:00"	6.63	216.56	92.69	5.3358	337.93	26.134	0
"2013-04-30	20:00:00"	6.9736	253.11	91.49	5.8594	137.05	26.14	0
"2013-04-30	21:00:00"	9.3715	324.97	89.37	7.0233	28.596	26.152	0
"2013-04-30	22:00:00"	2.2494	183.63	82.802	8.6247	0.05745	26.172	0
"2013-04-30	23:00:00"	1.6473	143.87	77.846	10.088	0.04346	26.196	0
"2013-05-01	00:00:00"	9.8879	162.4	77.504	16.403	0.06826	26.22	0
"2013-05-01	01:00:00"	8.5873	164.02	75.279	32.055	0.08013	26.226	0
"2013-05-01	02:00:00"	11.017	129.09	73.219	41.684	0.04685	26.246	0
"2013-05-01	03:00:00"	13.103	125.35	72.705	40.726	0.05957	26.243	0
"2013-05-01	04:00:00"	10.883	140.53	70.865	39.827	0.06487	26.24	0
"2013-05-01	05:00:00"	7.8895	150.4	67.533	45.422	0.06063	26.246	0
"2013-05-01	06:00:00"	6.2709	200.38	64.023	54.754	0.07589	26.261	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-01	07:00:00"	5.1748	238.4	61.573	59.242	0.32645	26.285	0
"2013-05-01	08:00:00"	6.374	246.67	60.905	64.039	51.776	26.32	0
"2013-05-01	09:00:00"	7.7833	238.13	65.526	58.722	250.62	26.335	0
"2013-05-01	10:00:00"	6.5946	252.32	71.516	44.164	468.61	26.341	0
"2013-05-01	11:00:00"	13.996	330.08	81.288	15.15	696.78	26.356	0
"2013-05-01	12:00:00"	17.645	358.06	82.318	13.056	890.19	26.367	0
"2013-05-01	13:00:00"	17.686	14.892	80.232	20.799	999.34	26.376	0
"2013-05-01	14:00:00"	16.354	19.875	81.384	17.798	1043.6	26.382	0
"2013-05-01	15:00:00"	16.171	24.022	81.826	17.157	1024	26.394	0
"2013-05-01	16:00:00"	17.415	32.115	82.075	17.219	941.25	26.379	0
"2013-05-01	17:00:00"	18.499	42.812	82.178	17.528	794.18	26.37	0
"2013-05-01	18:00:00"	20.283	60.63	80.92	19.571	594.32	26.373	0
"2013-05-01	19:00:00"	19.03	61.135	78.839	23.077	369.03	26.373	0
"2013-05-01	20:00:00"	18.072	60.157	75.092	28.035	80.432	26.373	0
"2013-05-01	21:00:00"	17.548	53.139	70.946	32.944	10.032	26.4	0
"2013-05-01	22:00:00"	22.13	37.327	63.566	41.82	0.07843	26.465	0
"2013-05-01	23:00:00"	26.53	30.137	53.116	54.371	0.07123	26.503	0
"2013-05-02	00:00:00"	25.402	28.471	46.496	63.455	0.05003	26.574	0
"2013-05-02	01:00:00"	27.402	25.94	43.571	67.993	0.06423	26.604	0
"2013-05-02	02:00:00"	25.239	14.611	42.245	66.517	0.05363	26.66	0
"2013-05-02	03:00:00"	26.475	16.43	41.694	65.135	0.08076	26.666	0
"2013-05-02	04:00:00"	24.191	19.435	39.986	68.654	0.06847	26.698	0
"2013-05-02	05:00:00"	21.328	18.875	40.3	60.235	0.06147	26.71	0
"2013-05-02	06:00:00"	21.77	14.898	39.517	60.227	0.07886	26.736	0
"2013-05-02	07:00:00"	20.211	9.4467	38.227	63.874	0.0884	26.784	0
"2013-05-02	08:00:00"	20.149	11.092	37.313	66.526	9.8566	26.816	0
"2013-05-02	09:00:00"	21.015	12.027	38.014	61.139	61.675	26.837	0
"2013-05-02	10:00:00"	23.224	16.941	38.432	60.551	149.77	26.852	0
"2013-05-02	11:00:00"	24.356	16.888	40.127	55.886	351.53	26.866	0
"2013-05-02	12:00:00"	23.687	13.891	42.631	49.886	546.1	26.881	0
"2013-05-02	13:00:00"	22.383	18.194	45.655	43.811	720.11	26.881	0
"2013-05-02	14:00:00"	22.814	18.984	47.02	40.598	712.55	26.887	0
"2013-05-02	15:00:00"	20.582	25.824	49.717	36.478	924.35	26.875	0
"2013-05-02	16:00:00"	20.76	25.177	51.755	32.839	908.68	26.855	0
"2013-05-02	17:00:00"	19.91	22.26	52.696	30.554	752.58	26.837	0
"2013-05-02	18:00:00"	19.193	24.669	52.969	29.138	579.9	26.834	0
"2013-05-02	19:00:00"	19.671	29.592	52.451	29.014	370.18	26.84	0
"2013-05-02	20:00:00"	17.07	32.85	50.1	31.592	159.88	26.846	0
"2013-05-02	21:00:00"	14.006	42.136	47.038	35.422	17.758	26.863	0
"2013-05-02	22:00:00"	9.9879	45.439	44.328	38.482	0.05045	26.875	0
"2013-05-02	23:00:00"	6.8015	44.989	41.456	42.318	0.08076	26.881	0
"2013-05-03	00:00:00"	4.5807	48.314	37.282	47.727	0.06423	26.872	0
"2013-05-03	01:00:00"	4.866	38.295	36.001	49.859	0.06508	26.875	0
"2013-05-03	02:00:00"	4.6435	12.814	34.191	52.42	0.0867	26.866	0
"2013-05-03	03:00:00"	4.925	352.83	33.821	52.386	0.06465	26.849	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-03	04:00:00"	4.8784	339.63	33.995	51.806	0.06826	26.843	0
"2013-05-03	05:00:00"	4.3707	357.44	31.847	53.381	0.07758	26.837	0
"2013-05-03	06:00:00"	3.5244	8.5225	31.009	53.117	0.07568	26.825	0
"2013-05-03	07:00:00"	3.594	344	31.181	52.304	0.35973	26.822	0
"2013-05-03	08:00:00"	3.3144	348.55	31.966	50.984	64.985	26.825	0
"2013-05-03	09:00:00"	2.8968	292.67	40.323	39.006	252.36	26.822	0
"2013-05-03	10:00:00"	5.8925	251.08	44.166	33.442	399.91	26.81	0
"2013-05-03	11:00:00"	6.3864	260.88	47.268	28.396	648.41	26.781	0
"2013-05-03	12:00:00"	6.1634	282.8	51.046	22.428	874.43	26.76	0
"2013-05-03	13:00:00"	6.1739	236.72	53.819	19.471	988.78	26.722	0
"2013-05-03	14:00:00"	6.1789	257.15	56.378	18.509	1042.5	26.68	0
"2013-05-03	15:00:00"	6.8332	263.33	59.257	17.287	1028.7	26.645	0
"2013-05-03	16:00:00"	6.2597	235.13	61.376	15.603	948.71	26.595	0
"2013-05-03	17:00:00"	7.2495	248.37	63.268	14.494	807.62	26.556	0
"2013-05-03	18:00:00"	6.5374	234.89	64.63	14.049	619.71	26.533	0
"2013-05-03	19:00:00"	7.0849	241.08	64.883	13.614	400.52	26.512	0
"2013-05-03	20:00:00"	7.0178	222.17	64.099	14.084	182.35	26.509	0
"2013-05-03	21:00:00"	5.0741	189.83	59.913	15.939	23.698	26.509	0
"2013-05-03	22:00:00"	4.3123	144.29	53.858	19.182	0.08437	26.512	0
"2013-05-03	23:00:00"	5.2406	150.46	52.133	20.469	0.05109	26.509	0
"2013-05-04	00:00:00"	4.8865	160.39	49.065	22.791	0.08394	26.491	0
"2013-05-04	01:00:00"	4.0147	162.31	46.728	24.912	0.08371	26.48	0
"2013-05-04	02:00:00"	4.0122	175.09	45.962	25.861	0.07907	26.477	0
"2013-05-04	03:00:00"	3.402	161.52	44.662	27.419	0.08606	26.45	0
"2013-05-04	04:00:00"	1.8281	184.28	44.195	27.965	0.04897	26.447	0
"2013-05-04	05:00:00"	2.977	211.96	44.887	27.043	0.07483	26.447	0
"2013-05-04	06:00:00"	2.6452	177.7	44.187	27.449	0.05321	26.444	0
"2013-05-04	07:00:00"	1.9903	149.97	43.619	28.274	0.4884	26.438	0
"2013-05-04	08:00:00"	1.9468	138.23	44.792	27.679	69.859	26.459	0
"2013-05-04	09:00:00"	5.8639	171.35	50.731	23.124	264.59	26.468	0
"2013-05-04	10:00:00"	5.3028	173.56	56.848	18.666	477.75	26.48	0
"2013-05-04	11:00:00"	4.2496	114.82	62.277	15.543	713.44	26.48	0
"2013-05-04	12:00:00"	7.5304	111.73	66.674	13.297	875.98	26.474	0
"2013-05-04	13:00:00"	7.6143	114.42	69.291	11.46	761.12	26.456	0
"2013-05-04	14:00:00"	7.0662	130.07	70.703	10.549	840.89	26.444	0
"2013-05-04	15:00:00"	8.9409	162.09	71.713	10.264	745.34	26.438	0
"2013-05-04	16:00:00"	8.8427	172.83	71.634	10.238	739.09	26.429	0
"2013-05-04	17:00:00"	6.2336	151.08	72.718	8.9819	804.93	26.415	0
"2013-05-04	18:00:00"	6.84	124.82	73.379	8.8947	635.3	26.403	0
"2013-05-04	19:00:00"	6.1385	99.487	73.225	9.0481	392.97	26.406	0
"2013-05-04	20:00:00"	4.6323	107.87	72.038	9.3653	150.14	26.418	0
"2013-05-04	21:00:00"	4.9324	78.673	68.252	10.415	23.532	26.435	0
"2013-05-04	22:00:00"	5.0959	68.427	60.538	13.748	0.05151	26.453	0
"2013-05-04	23:00:00"	5.9608	64.166	57.452	15.915	0.07165	26.471	0
"2013-05-05	00:00:00"	6.8357	72.909	55.926	18.475	0.06105	26.483	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-05	01:00:00"	6.5872	67.952	52.316	21.212	0.06465	26.5	0
"2013-05-05	02:00:00"	9.9624	79.406	54.464	22.006	0.05787	26.515	0
"2013-05-05	03:00:00"	8.1201	68.68	51.043	25.388	0.05893	26.518	0
"2013-05-05	04:00:00"	8.4332	62.4	48.176	28.749	0.06911	26.521	0
"2013-05-05	05:00:00"	8.9428	51.264	45.512	31.519	0.05745	26.527	0
"2013-05-05	06:00:00"	9.9979	45.741	43.702	32.621	0.0831	26.547	0
"2013-05-05	07:00:00"	10.666	48.515	43.429	32.235	0.50133	26.568	0
"2013-05-05	08:00:00"	9.8984	48.903	43.705	31.309	84.499	26.598	0
"2013-05-05	09:00:00"	12.261	64.78	50.13	23.508	285.05	26.618	0
"2013-05-05	10:00:00"	12.715	71.615	54.107	21.446	487.66	26.624	0
"2013-05-05	11:00:00"	13.906	80.709	57.972	21.297	689.97	26.621	0
"2013-05-05	12:00:00"	13.035	81.338	60.611	22.566	641.89	26.633	0
"2013-05-05	13:00:00"	9.0291	85.761	63.209	21.445	764.38	26.618	0
"2013-05-05	14:00:00"	7.0569	115.27	65.649	19.606	928.99	26.598	0
"2013-05-05	15:00:00"	7.0619	104.48	67.897	17.984	1009.8	26.574	0
"2013-05-05	16:00:00"	7.7236	106.13	70.17	16.979	932.71	26.547	0
"2013-05-05	17:00:00"	6.6499	119.16	71.647	16.009	811.67	26.524	0
"2013-05-05	18:00:00"	7.5789	125.35	72.653	15.218	604.96	26.509	0
"2013-05-05	19:00:00"	8.7097	118.25	72.871	14.901	402.23	26.494	0
"2013-05-05	20:00:00"	8.4544	125.65	72.067	15.193	183.33	26.497	0
"2013-05-05	21:00:00"	7.8535	109.35	68.726	16.981	22.002	26.5	0
"2013-05-05	22:00:00"	5.7141	92.574	63.367	19.952	0.05384	26.512	0
"2013-05-05	23:00:00"	5.6408	83.222	59.082	23.044	0.05639	26.518	0
"2013-05-06	00:00:00"	6.2342	79.963	57.184	24.929	0.08394	26.515	0
"2013-05-06	01:00:00"	6.4306	79.428	54.91	26.753	0.0744	26.518	0
"2013-05-06	02:00:00"	6.617	83.803	54.445	27.04	0.06614	26.503	0
"2013-05-06	03:00:00"	7.4378	85.519	53.828	28.951	0.06105	26.488	0
"2013-05-06	04:00:00"	8.393	90.517	55.197	31.497	0.06084	26.48	0
"2013-05-06	05:00:00"	9.9674	107.26	57.419	33.488	0.05299	26.5	0
"2013-05-06	06:00:00"	11.951	105.04	57.59	36.565	0.06381	26.48	0
"2013-05-06	07:00:00"	13.378	110.68	58.17	37.95	0.18167	26.477	0
"2013-05-06	08:00:00"	9.7474	90.467	57.351	40.327	16.307	26.488	0
"2013-05-06	09:00:00"	7.2721	99.336	57.515	41.424	102.03	26.518	0
"2013-05-06	10:00:00"	10.211	126.11	60.196	37.812	118.28	26.524	0
"2013-05-06	11:00:00"	8.4469	133.22	59.917	39.93	132.39	26.547	0
"2013-05-06	12:00:00"	2.4526	156.25	57.361	56.844	245.03	26.547	0.02
"2013-05-06	13:00:00"	8.6458	113.15	60.495	47.199	241.12	26.506	0
"2013-05-06	14:00:00"	11.108	108.39	64.627	41.704	716.38	26.491	0
"2013-05-06	15:00:00"	12.862	125.35	69.674	35.449	974.66	26.477	0
"2013-05-06	16:00:00"	12.311	124.99	71.443	36.064	874.62	26.453	0
"2013-05-06	17:00:00"	13.228	119.6	73.991	33.295	794.15	26.415	0
"2013-05-06	18:00:00"	13.351	135.35	75.177	31.251	585.3	26.403	0
"2013-05-06	19:00:00"	15.16	126.36	74.965	31.4	411.24	26.4	0
"2013-05-06	20:00:00"	15.528	111.73	73.032	33.899	156.71	26.394	0
"2013-05-06	21:00:00"	14.008	106.6	69.032	38.68	19.902	26.412	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-06	22:00:00"	12.336	114.89	65.736	42.412	0.04473	26.429	0
"2013-05-06	23:00:00"	12.702	122.32	63.233	46.338	0.07737	26.453	0
"2013-05-07	00:00:00"	10.922	119.75	60.168	51.344	0.06232	26.456	0
"2013-05-07	01:00:00"	8.9185	112.18	57.415	56.663	0.0496	26.459	0
"2013-05-07	02:00:00"	8.3655	88.932	55.086	61.336	0.06529	26.459	0
"2013-05-07	03:00:00"	7.9796	66.394	52.11	66.668	0.07377	26.447	0
"2013-05-07	04:00:00"	8.2543	68.031	49.391	71.625	0.07165	26.441	0
"2013-05-07	05:00:00"	7.5391	69.011	47.705	77.921	0.06487	26.438	0
"2013-05-07	06:00:00"	7.124	61.51	46.508	80.255	0.06741	26.438	0
"2013-05-07	07:00:00"	5.8583	66.751	45.848	81.328	0.56153	26.441	0
"2013-05-07	08:00:00"	5.5849	66.925	46.635	79.819	68.736	26.453	0
"2013-05-07	09:00:00"	7.1004	147.17	54.659	64.676	256.6	26.465	0
"2013-05-07	10:00:00"	9.1764	188.7	60.872	54.56	472.56	26.465	0
"2013-05-07	11:00:00"	6.8835	197.99	66.214	44.918	644.08	26.462	0
"2013-05-07	12:00:00"	6.3355	223.7	71.533	34.955	844.37	26.459	0
"2013-05-07	13:00:00"	4.8554	242.08	75.88	27.807	973.32	26.438	0
"2013-05-07	14:00:00"	5.5147	235.86	79.769	21.746	1034	26.412	0
"2013-05-07	15:00:00"	7.0724	201.37	82.805	16.598	885.77	26.391	0
"2013-05-07	16:00:00"	9.8786	196.95	83.246	14.917	675.02	26.367	0
"2013-05-07	17:00:00"	11.899	206.17	83.604	13.505	471.23	26.347	0
"2013-05-07	18:00:00"	14.171	216.06	83.846	13.639	487.96	26.338	0
"2013-05-07	19:00:00"	13.035	220.43	84.095	13.687	389.43	26.329	0
"2013-05-07	20:00:00"	13.96	234.31	82.022	13.359	142.51	26.332	0
"2013-05-07	21:00:00"	8.8222	225.6	78.97	14.087	21.082	26.338	0
"2013-05-07	22:00:00"	2.5862	246.18	72.152	16.881	0.07589	26.347	0
"2013-05-07	23:00:00"	3.1665	189.72	68.468	19.408	0.03476	26.37	0
"2013-05-08	00:00:00"	8.7085	173.1	71.281	32.605	0.05448	26.376	0
"2013-05-08	01:00:00"	8.135	165.27	68.17	42.851	0.06402	26.373	0
"2013-05-08	02:00:00"	8.7912	164.3	65.803	54.664	0.08161	26.373	0
"2013-05-08	03:00:00"	8.4277	168.69	64.341	67.947	0.06995	26.364	0
"2013-05-08	04:00:00"	6.0869	177.61	62.041	77.227	0.06868	26.358	0
"2013-05-08	05:00:00"	7.1147	176.04	60.407	84.035	0.05533	26.356	0
"2013-05-08	06:00:00"	5.3686	190.28	58.976	88.252	0.06529	26.358	0
"2013-05-08	07:00:00"	3.5779	212.05	56.796	91.165	1.3781	26.37	0
"2013-05-08	08:00:00"	4.0588	209.98	57.175	92.869	79.177	26.391	0
"2013-05-08	09:00:00"	7.9753	209.83	61.767	86.139	179.52	26.415	0
"2013-05-08	10:00:00"	8.4227	225.12	65.888	69.582	319.23	26.418	0
"2013-05-08	11:00:00"	10.094	255.75	71.529	38.183	397.51	26.42	0
"2013-05-08	12:00:00"	13.441	268.92	76.308	19.149	684.2	26.42	0
"2013-05-08	13:00:00"	12.653	263.72	79.151	11.438	897.76	26.412	0
"2013-05-08	14:00:00"	13.327	259.43	80.921	10.285	1009.3	26.394	0
"2013-05-08	15:00:00"	14.257	257.98	82.664	8.8681	1093.4	26.385	0
"2013-05-08	16:00:00"	11.56	258.4	83.972	8.2817	992.34	26.358	0
"2013-05-08	17:00:00"	11.996	231.14	84.52	8.5258	816.28	26.326	0
"2013-05-08	18:00:00"	10.125	245.84	85.1	7.5558	654.48	26.314	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-08	19:00:00"	12.969	223.07	84.51	6.9222	428.23	26.314	0
"2013-05-08	20:00:00"	12.765	220.58	82.958	7.2695	177.6	26.32	0
"2013-05-08	21:00:00"	13.468	228.85	79.429	8.607	22.809	26.347	0
"2013-05-08	22:00:00"	5.5849	258.05	74.25	11.152	0.06359	26.358	0
"2013-05-08	23:00:00"	2.1375	243.12	68.548	13.475	0.04388	26.376	0
"2013-05-09	00:00:00"	2.4364	266.81	67.305	14.352	0.05321	26.376	0
"2013-05-09	01:00:00"	8.2704	310.53	70.28	13.882	0.07292	26.364	0
"2013-05-09	02:00:00"	7.7765	313.48	70.399	14.22	0.06911	26.347	0
"2013-05-09	03:00:00"	7.2657	226.59	69.616	14.825	0.06656	26.376	0
"2013-05-09	04:00:00"	3.5866	165.64	67.969	15.204	0.05681	26.388	0
"2013-05-09	05:00:00"	6.6313	200.83	69.798	14.279	0.06699	26.379	0
"2013-05-09	06:00:00"	2.9298	280.58	69.011	15.526	0.06635	26.385	0
"2013-05-09	07:00:00"	4.2626	252.18	67.529	16.486	0.35104	26.397	0
"2013-05-09	08:00:00"	5.9683	254.09	68.768	18.078	25.845	26.403	0
"2013-05-09	09:00:00"	9.1733	223.86	71.766	18.454	145.51	26.415	0
"2013-05-09	10:00:00"	10.72	202.49	74.591	17.22	289.72	26.409	0
"2013-05-09	11:00:00"	11.323	205.99	77.15	16.292	523.89	26.412	0
"2013-05-09	12:00:00"	8.7508	249.11	79.094	13.538	867.25	26.409	0
"2013-05-09	13:00:00"	8.0436	263.43	80.416	11.563	1035.7	26.4	0
"2013-05-09	14:00:00"	8.642	275.62	81.54	10.273	1075	26.388	0
"2013-05-09	15:00:00"	11.309	273.89	82.481	10.275	1074.3	26.379	0
"2013-05-09	16:00:00"	12.422	264.48	82.695	10.416	991.15	26.358	0
"2013-05-09	17:00:00"	12.683	258.84	82.984	10.676	825.97	26.353	0
"2013-05-09	18:00:00"	10.241	273.34	83.018	10.539	663.73	26.344	0
"2013-05-09	19:00:00"	8.9167	250.61	82.9	10.83	426.02	26.344	0
"2013-05-09	20:00:00"	5.5961	284.35	81.371	11.601	171.21	26.347	0
"2013-05-09	21:00:00"	4.8473	318.43	77.827	13.089	17.486	26.361	0
"2013-05-09	22:00:00"	4.1197	351.24	71.832	15.463	0.04876	26.376	0
"2013-05-09	23:00:00"	6.2249	27.126	65.818	18.388	0.07949	26.388	0
"2013-05-10	00:00:00"	7.7125	26.574	64.089	22.312	0.0831	26.397	0
"2013-05-10	01:00:00"	12.095	56.759	63.955	52.286	0.05999	26.432	0
"2013-05-10	02:00:00"	15.001	54.393	62.392	61.7	0.06402	26.435	0
"2013-05-10	03:00:00"	17.165	47.734	60.435	59.975	0.06593	26.432	0
"2013-05-10	04:00:00"	19.015	41.497	56.557	63.433	0.0708	26.429	0
"2013-05-10	05:00:00"	18.014	39.857	54.679	69.604	0.07123	26.435	0
"2013-05-10	06:00:00"	15.513	43.986	53.393	72.711	0.06889	26.441	0
"2013-05-10	07:00:00"	10.912	42.62	52.18	74.22	0.49518	26.48	0
"2013-05-10	08:00:00"	9.8525	40.59	52.839	72.196	65.669	26.503	0
"2013-05-10	09:00:00"	8.56	8.6638	55.559	64.641	114.64	26.574	0
"2013-05-10	10:00:00"	18.539	3.5694	59.431	52.345	408.19	26.559	0
"2013-05-10	11:00:00"	22.72	15.889	61.825	45.962	560.68	26.559	0
"2013-05-10	12:00:00"	22.705	23.588	62.349	45.509	514.37	26.556	0
"2013-05-10	13:00:00"	16.944	39.819	60.103	56.182	307.63	26.553	0.14
"2013-05-10	14:00:00"	15.847	53.668	62.714	56.521	822.14	26.539	0
"2013-05-10	15:00:00"	11.836	34.578	65.422	45.821	842.46	26.536	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-10	16:00:00"	10.596	18.492	66.869	42.521	553.22	26.53	0
"2013-05-10	17:00:00"	11.994	348.85	63.995	51.491	94.306	26.536	0
"2013-05-10	18:00:00"	12.136	8.6203	65.853	47.453	574.71	26.521	0
"2013-05-10	19:00:00"	11.711	25.084	65.379	47.055	273.4	26.527	0
"2013-05-10	20:00:00"	9.7481	36.495	63.628	48.979	93.411	26.553	0
"2013-05-10	21:00:00"	6.809	32.239	62.835	50.641	11.538	26.583	0
"2013-05-10	22:00:00"	4.7044	56.628	59.535	59.492	0.07123	26.598	0
"2013-05-10	23:00:00"	4.6441	50.698	56.178	71.087	0.07313	26.612	0
"2013-05-11	00:00:00"	4.2955	59.979	54.234	75.4	0.06656	26.618	0
"2013-05-11	01:00:00"	3.43	18.307	53.285	78.288	0.09221	26.633	0
"2013-05-11	02:00:00"	5.1934	21.735	52.745	78.147	0.07886	26.621	0
"2013-05-11	03:00:00"	6.1404	29.707	52.62	78.541	0.05766	26.607	0
"2013-05-11	04:00:00"	5.465	25.198	51.848	79.801	0.07123	26.612	0
"2013-05-11	05:00:00"	5.7116	16.34	52.465	77.233	0.06211	26.624	0
"2013-05-11	06:00:00"	5.0809	17.774	50.528	82.061	0.06847	26.636	0
"2013-05-11	07:00:00"	6.2038	14.994	51.218	85.989	0.64569	26.657	0
"2013-05-11	08:00:00"	5.7415	20.007	52.164	84.434	70.951	26.672	0
"2013-05-11	09:00:00"	7.1141	36.513	57.045	71.145	262.86	26.689	0
"2013-05-11	10:00:00"	7.8883	69.522	61.628	57.792	482.91	26.692	0
"2013-05-11	11:00:00"	8.03	77.21	64.468	47.051	646.99	26.689	0
"2013-05-11	12:00:00"	9.5082	63.245	66.68	38.945	749.35	26.692	0
"2013-05-11	13:00:00"	11.203	66.982	68.236	35.569	792.91	26.683	0
"2013-05-11	14:00:00"	10.85	71.528	70.768	31.564	1073.6	26.672	0
"2013-05-11	15:00:00"	11.666	51.4	71.565	29.378	732.16	26.66	0
"2013-05-11	16:00:00"	11.046	56.074	72.292	27.711	638.2	26.639	0
"2013-05-11	17:00:00"	10.797	56.692	72.834	26.787	515.72	26.621	0
"2013-05-11	18:00:00"	12.255	61.337	70.947	34.075	451.98	26.627	0.02
"2013-05-11	19:00:00"	17.16	38.178	66.154	43.553	222.54	26.66	0.01
"2013-05-11	20:00:00"	6.0397	58.126	63.485	50.308	94.29	26.651	0
"2013-05-11	21:00:00"	5.0449	57.114	62.603	54.078	32.238	26.66	0
"2013-05-11	22:00:00"	5.2587	15.232	58.609	62.035	0.06359	26.666	0
"2013-05-11	23:00:00"	5.6203	27.567	55.605	68.341	0.06359	26.689	0
"2013-05-12	00:00:00"	6.1311	20.411	54.436	68.765	0.0672	26.692	0
"2013-05-12	01:00:00"	7.1681	25.312	53.617	66.732	0.06469	26.689	0
"2013-05-12	02:00:00"	6.2584	24.844	51.822	68.662	0.08204	26.686	0
"2013-05-12	03:00:00"	7.4098	17.302	51.733	66.958	0.06169	26.68	0
"2013-05-12	04:00:00"	7.8951	22.356	50.774	69.989	0.06232	26.677	0
"2013-05-12	05:00:00"	7.8871	27.838	49.612	75.783	0.07525	26.669	0
"2013-05-12	06:00:00"	8.0393	43.347	49.202	75.66	0.06444	26.672	0
"2013-05-12	07:00:00"	7.7006	39.172	47.583	80.155	1.022	26.686	0
"2013-05-12	08:00:00"	7.9417	45.921	48.408	82.217	76.105	26.704	0
"2013-05-12	09:00:00"	9.3485	73.814	54.626	74.098	268.3	26.71	0
"2013-05-12	10:00:00"	8.8346	84.696	60.794	57.446	490.87	26.713	0
"2013-05-12	11:00:00"	7.2035	120.65	67.586	38.872	695.11	26.707	0
"2013-05-12	12:00:00"	7.9859	159.37	70.631	29.771	752.46	26.707	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-12	13:00:00"	6.2373	168.46	71.414	28.308	661.46	26.695	0
"2013-05-12	14:00:00"	6.845	148.19	73.322	23.756	917.82	26.672	0
"2013-05-12	15:00:00"	7.7553	177.26	75.211	21.991	965.24	26.657	0
"2013-05-12	16:00:00"	7.7839	185.48	75.748	21.579	801.08	26.633	0
"2013-05-12	17:00:00"	7.769	172.23	76.196	20.798	765.53	26.612	0
"2013-05-12	18:00:00"	7.5329	149.99	76.11	19.884	459.43	26.601	0
"2013-05-12	19:00:00"	8.0113	171.41	76.84	18.694	435.56	26.583	0
"2013-05-12	20:00:00"	7.0594	185.23	75.315	19.772	166.95	26.589	0
"2013-05-12	21:00:00"	5.8061	170.94	71.989	22.506	29.968	26.607	0
"2013-05-12	22:00:00"	4.4621	150.61	65.825	27.102	0.06911	26.624	0
"2013-05-12	23:00:00"	5.4271	153.79	62.64	30.345	0.07758	26.642	0
"2013-05-13	00:00:00"	6.0913	162.76	61.009	32.703	0.07017	26.654	0
"2013-05-13	01:00:00"	5.529	167.99	58.26	36.938	0.05617	26.66	0
"2013-05-13	02:00:00"	5.0741	177.99	57.349	41.069	0.06105	26.663	0
"2013-05-13	03:00:00"	3.8711	188.79	55.358	45.44	0.06041	26.66	0
"2013-05-13	04:00:00"	3.9911	196.79	53.263	48.904	0.09285	26.654	0
"2013-05-13	05:00:00"	3.6996	199.31	51.168	53.944	0.06889	26.657	0
"2013-05-13	06:00:00"	3.9811	204.28	50.289	57.214	0.06232	26.651	0
"2013-05-13	07:00:00"	3.9295	206.29	49.473	59.349	1.1144	26.66	0
"2013-05-13	08:00:00"	3.8705	260.86	50.618	58.045	80.602	26.68	0
"2013-05-13	09:00:00"	6.0664	236.51	57.731	46.659	276.56	26.701	0
"2013-05-13	10:00:00"	9.8444	210.83	64.054	38.713	500.52	26.707	0
"2013-05-13	11:00:00"	10.279	209.5	67.905	32.885	707.06	26.704	0
"2013-05-13	12:00:00"	8.222	205.21	70.636	27.574	875.28	26.701	0
"2013-05-13	13:00:00"	7.4279	198.18	73.51	22.174	1002.5	26.683	0
"2013-05-13	14:00:00"	8.1729	154.73	76.186	17.264	1090.9	26.663	0
"2013-05-13	15:00:00"	9.3436	147.62	78.448	15.511	1076.9	26.642	0
"2013-05-13	16:00:00"	11.456	147.24	80.521	13.1	998.41	26.612	0
"2013-05-13	17:00:00"	11.47	155.08	80.936	13.321	855.4	26.598	0
"2013-05-13	18:00:00"	10.689	158.67	81.067	13.635	662.97	26.583	0
"2013-05-13	19:00:00"	9.205	141.59	80.637	15.903	432	26.574	0
"2013-05-13	20:00:00"	8.8235	153.38	78.987	21.087	199.88	26.571	0
"2013-05-13	21:00:00"	7.2949	145.79	76.026	24.801	33.094	26.58	0
"2013-05-13	22:00:00"	4.6988	130.89	70.756	29.309	0.05448	26.595	0
"2013-05-13	23:00:00"	6.1876	150.19	68.969	33.324	0.05554	26.607	0
"2013-05-14	00:00:00"	5.7297	152.48	66.294	37.959	0.05045	26.609	0
"2013-05-14	01:00:00"	9.1099	168.43	66.21	42.121	0.08734	26.607	0
"2013-05-14	02:00:00"	9.1578	168.58	65.498	46.653	0.09115	26.601	0
"2013-05-14	03:00:00"	5.5606	157.01	62.716	52.001	0.06529	26.586	0
"2013-05-14	04:00:00"	3.5437	143.85	59.361	57.868	0.05003	26.577	0
"2013-05-14	05:00:00"	3.6232	131.68	57.919	61.256	0.06571	26.571	0
"2013-05-14	06:00:00"	5.1773	142.45	57.225	63.883	0.06444	26.559	0
"2013-05-14	07:00:00"	6.8935	155.55	57.103	65.352	1.3611	26.559	0
"2013-05-14	08:00:00"	6.2827	165.71	57.636	65.394	78.853	26.565	0
"2013-05-14	09:00:00"	9.6878	183.21	62.771	56.816	274.65	26.571	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-14	10:00:00"	10.725	186.01	68.626	47.102	493.33	26.571	0
"2013-05-14	11:00:00"	10.1	198.01	72.925	39.897	689.97	26.565	0
"2013-05-14	12:00:00"	10.646	223.27	76.71	33.481	852.78	26.556	0
"2013-05-14	13:00:00"	9.8419	221.04	79.412	28.656	980.15	26.53	0
"2013-05-14	14:00:00"	10.564	217.45	81.005	25.606	803.65	26.506	0
"2013-05-14	15:00:00"	12.441	198.45	82.521	22.637	1008.4	26.477	0
"2013-05-14	16:00:00"	13.338	207.26	82.714	22.511	706.26	26.456	0
"2013-05-14	17:00:00"	9.4082	310.56	74.628	31.552	242.56	26.423	0
"2013-05-14	18:00:00"	4.7777	316.85	81.258	23.572	683.82	26.403	0
"2013-05-14	19:00:00"	9.9711	208.14	81.354	23.508	365.92	26.397	0
"2013-05-14	20:00:00"	10.959	157.25	76.41	31.557	109.79	26.4	0
"2013-05-14	21:00:00"	11.11	188.63	73.636	32.19	23.849	26.4	0
"2013-05-14	22:00:00"	13.631	153.68	68.672	43.118	0.06571	26.429	0
"2013-05-14	23:00:00"	12.303	175.72	65.788	50.886	0.06359	26.429	0
"2013-05-15	00:00:00"	10.548	176.74	63.964	57.225	0.07144	26.435	0
"2013-05-15	01:00:00"	13.777	189.59	63.607	56.22	0.03985	26.444	0
"2013-05-15	02:00:00"	12.774	196.27	62.573	59.447	0.05978	26.429	0
"2013-05-15	03:00:00"	10.492	194.45	60.398	67.46	0.07207	26.42	0
"2013-05-15	04:00:00"	10.872	189.69	59.613	73.405	0.05321	26.403	0
"2013-05-15	05:00:00"	9.6319	190.11	58.702	76.403	0.07886	26.403	0
"2013-05-15	06:00:00"	11.693	190.31	57.911	78.722	0.06147	26.376	0
"2013-05-15	07:00:00"	7.3744	205	56.591	82.45	0.72815	26.376	0
"2013-05-15	08:00:00"	8.3133	204.56	56.85	82.916	104.29	26.379	0
"2013-05-15	09:00:00"	10.042	198.57	60.294	71.428	186.52	26.376	0
"2013-05-15	10:00:00"	10.52	203.05	64.748	58.749	480.99	26.388	0
"2013-05-15	11:00:00"	10.858	239.74	70.547	44.659	356.98	26.379	0
"2013-05-15	12:00:00"	9.6803	239.24	75.226	32.361	649.99	26.373	0
"2013-05-15	13:00:00"	9.3013	254.35	84.116	21.255	1015	26.347	0
"2013-05-15	14:00:00"	11.346	262	87.347	16.917	1078.7	26.32	0
"2013-05-15	15:00:00"	11.582	258.3	88.633	15.9	821.35	26.299	0
"2013-05-15	16:00:00"	13.38	251.25	90.791	13.643	978.95	26.27	0
"2013-05-15	17:00:00"	15.518	259.96	90.455	15.074	805.17	26.252	0
"2013-05-15	18:00:00"	15.173	245.17	89.631	14.894	654.39	26.24	0
"2013-05-15	19:00:00"	13.227	257.63	89.484	14.488	435.66	26.234	0
"2013-05-15	20:00:00"	10.107	249.02	87.53	15.903	107.02	26.243	0
"2013-05-15	21:00:00"	3.4797	169.01	82.764	18.134	9.8592	26.258	0
"2013-05-15	22:00:00"	11.791	92.502	78.222	24.762	0.06677	26.291	0
"2013-05-15	23:00:00"	8.1629	123.95	75.24	27.883	0.05893	26.311	0
"2013-05-16	00:00:00"	4.2844	127.67	73.16	29.277	0.06296	26.32	0
"2013-05-16	01:00:00"	4.4546	170	72.446	30.854	0.02883	26.308	0
"2013-05-16	02:00:00"	3.1802	98.402	68.015	36.067	0.04028	26.285	0
"2013-05-16	03:00:00"	4.5099	198.62	66.069	38.417	0.0778	26.273	0
"2013-05-16	04:00:00"	4.3695	259.99	63.917	40.426	0.0619	0.26282	0
"2013-05-16	05:00:00"	3.7866	297.88	65.513	38.235	0.07059	26.285	0
"2013-05-16	06:00:00"	4.5565	298.11	65.482	39.234	0.06423	26.294	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-16	07:00:00"	6.7847	300.66	65.826	37.537	1.4463	26.308	0
"2013-05-16	08:00:00"	9.9879	314.38	66.894	34.598	81.278	26.326	0
"2013-05-16	09:00:00"	8.7825	318.4	72.176	29.394	277.79	26.338	0
"2013-05-16	10:00:00"	11.111	336.62	80.37	22.518	517.99	26.341	0
"2013-05-16	11:00:00"	11.653	349.44	84.387	19.539	730.96	26.347	0
"2013-05-16	12:00:00"	9.1298	338.37	88.431	16.551	899.97	26.353	0
"2013-05-16	13:00:00"	7.9933	306.16	90.78	14.633	1020.7	26.35	0
"2013-05-16	14:00:00"	8.9279	292.97	92.193	12.069	1070.2	26.332	0
"2013-05-16	15:00:00"	10.668	271.39	93.731	10.022	1062.1	26.317	0
"2013-05-16	16:00:00"	11.281	257.73	94.625	8.4564	987.62	26.294	0
"2013-05-16	17:00:00"	10.92	267.76	95.009	7.7853	840.24	26.27	0
"2013-05-16	18:00:00"	8.9142	251.57	95.237	7.3964	656.26	26.252	0
"2013-05-16	19:00:00"	10.686	272.38	95.047	6.5503	440.86	26.246	0
"2013-05-16	20:00:00"	9.351	267.03	93.63	6.2853	213.53	26.249	0
"2013-05-16	21:00:00"	3.9998	275.45	89.473	7.0892	36.986	26.258	0
"2013-05-16	22:00:00"	1.2831	220.96	83.068	8.7094	0.05787	26.27	0
"2013-05-16	23:00:00"	1.9039	229.72	75.799	10.756	0.05787	26.288	0
"2013-05-17	00:00:00"	1.8772	230.01	73.23	12.131	0.07462	26.294	0
"2013-05-17	00:00:00"	3.8028	266	72.68	12.8	0	26.294	0
"2013-05-17	01:00:00"	2.5507	258.93	71.96	13.479	0.06423	26.296	0
"2013-05-17	02:00:00"	3.3194	265.55	72.086	14.066	0.06826	26.296	0
"2013-05-17	03:00:00"	2.8527	248.81	69.465	15.255	0.05999	26.296	0
"2013-05-17	04:00:00"	1.042	224.59	67.103	16.264	0.05045	26.294	0
"2013-05-17	05:00:00"	1.921	261.87	65.57	17.456	0.06444	26.305	0
"2013-05-17	06:00:00"	2.3873	218.97	63.617	18.447	0.07017	26.308	0
"2013-05-17	07:00:00"	2.9328	271.68	65.649	17.595	1.6416	26.329	0
"2013-05-17	08:00:00"	3.1771	303.12	67.887	16.663	92.03	26.358	0
"2013-05-17	09:00:00"	3.809	289.1	74.268	14.769	301.95	26.37	0
"2013-05-17	10:00:00"	8.3916	304.85	82.75	10.465	541.77	26.373	0
"2013-05-17	11:00:00"	10.445	329.31	87.283	8.2789	751.98	26.373	0
"2013-05-17	12:00:00"	8.1058	349.36	91.133	6.8997	920.9	26.376	0
"2013-05-17	13:00:00"	5.0561	314.62	93.672	5.9889	1033.5	26.367	0
"2013-05-17	14:00:00"	6.6909	255.09	95.048	6.155	1090.2	26.347	0
"2013-05-17	15:00:00"	8.2319	224.18	96.451	6.3928	1095.7	26.332	0
"2013-05-17	16:00:00"	8.7265	207.14	96.739	6.695	891.67	26.311	0
"2013-05-17	17:00:00"	10.434	212	97.596	6.8647	792.86	26.291	0
"2013-05-17	18:00:00"	11.7	200.5	97.551	6.8814	649.44	26.282	0
"2013-05-17	19:00:00"	12.012	201.49	96.795	7.2875	443.91	26.273	0
"2013-05-17	20:00:00"	12.477	195.09	95.361	8.2945	199.2	26.279	0
"2013-05-17	21:00:00"	8.0312	167.61	91.751	10.308	39.42	26.282	0
"2013-05-17	22:00:00"	5.3301	138.86	85.566	12.857	0.08712	26.296	0
"2013-05-17	23:00:00"	5.6657	155.8	82.291	14.395	0.06444	26.314	0
"2013-05-18	00:00:00"	9.4796	201.95	82.515	16.678	0.04727	26.335	0
"2013-05-18	01:00:00"	10.469	194.88	80.303	20.793	0.05533	26.329	0
"2013-05-18	02:00:00"	14.402	191.26	80.677	24.786	0.0566	26.332	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-18	03:00:00"	10.509	196.71	78.696	26.456	0.04982	26.326	0
"2013-05-18	04:00:00"	8.9502	186.79	76.576	28.264	0.0619	26.311	0
"2013-05-18	05:00:00"	7.664	178	72.293	36.354	0.06317	26.317	0
"2013-05-18	06:00:00"	3.1715	197.59	68.664	42.648	0.05278	26.314	0
"2013-05-18	07:00:00"	4.0986	192.38	65.592	50.534	1.3011	26.317	0
"2013-05-18	08:00:00"	4.1483	215.4	63.487	57.428	38.763	26.338	0
"2013-05-18	09:00:00"	7.582	197.51	68.107	55.494	237.16	26.341	0
"2013-05-18	10:00:00"	7.6087	219.84	76.886	30.522	457.93	26.344	0
"2013-05-18	11:00:00"	6.0596	277.51	81.982	18.823	725.43	26.347	0
"2013-05-18	12:00:00"	8.3431	261.36	87.793	8.7511	924.22	26.335	0
"2013-05-18	13:00:00"	6.617	265.36	91.171	8.6206	1050.1	26.314	0
"2013-05-18	14:00:00"	7.2707	259.89	93.125	7.8358	1022.7	26.291	0
"2013-05-18	15:00:00"	10.2	256.87	94.518	6.6447	1078.5	26.279	0
"2013-05-18	16:00:00"	12.295	251.27	94.504	6.2547	1001	26.273	0
"2013-05-18	17:00:00"	13.205	229.94	94.253	5.8547	861.29	26.252	0
"2013-05-18	18:00:00"	14.641	230.87	94.02	5.69	668.71	26.234	0
"2013-05-18	19:00:00"	17.564	239.73	92.977	5.7872	445.64	26.226	0
"2013-05-18	20:00:00"	18.888	238.52	90.942	5.8636	213.63	26.234	0
"2013-05-18	21:00:00"	14.845	233.78	87.533	6.5936	35.923	26.252	0
"2013-05-18	22:00:00"	9.9339	238.82	82.852	7.3797	0.07313	26.261	0
"2013-05-18	23:00:00"	6.1808	245.34	77.404	9.3686	0.06635	26.276	0
"2013-05-19	00:00:00"	9.3796	267.45	77.553	9.3675	0.04515	26.273	0
"2013-05-19	01:00:00"	9.4057	279.77	79.025	8.7664	0.06783	26.267	0
"2013-05-19	02:00:00"	8.1903	276.15	77.74	9.9672	0.06359	26.27	0
"2013-05-19	03:00:00"	10.605	275.93	76.899	9.8197	0.05681	26.264	0
"2013-05-19	04:00:00"	11.863	271.43	76.932	9.4728	0.0566	26.27	0
"2013-05-19	05:00:00"	10.604	270.27	75.943	10.019	0.05851	26.267	0
"2013-05-19	06:00:00"	11.149	269.29	74.847	10.727	0.0513	26.27	0
"2013-05-19	07:00:00"	6.9065	250.86	72.273	11.892	1.6884	26.291	0
"2013-05-19	08:00:00"	5.7365	301.62	67.902	13.879	89.758	26.32	0
"2013-05-19	09:00:00"	8.1977	309.42	70.657	13.965	288.53	26.335	0
"2013-05-19	10:00:00"	10.435	312.46	76.024	14.565	520.12	26.347	0
"2013-05-19	11:00:00"	10.35	305.75	78.958	15.107	750.52	26.344	0
"2013-05-19	12:00:00"	11.278	282.68	81.66	12.926	933.02	26.332	0
"2013-05-19	13:00:00"	12.635	280.58	83.297	11.268	1055.2	26.323	0
"2013-05-19	14:00:00"	12.631	260.57	84.384	10.106	1107.3	26.299	0
"2013-05-19	15:00:00"	12.785	263.37	86.117	8.3756	1096.6	26.279	0
"2013-05-19	16:00:00"	12.246	259.6	87.509	7.8614	1012.5	26.258	0
"2013-05-19	17:00:00"	14.873	250.9	88.789	7.4089	867.21	26.234	0
"2013-05-19	18:00:00"	13.134	243.44	89.079	7.4533	675.72	26.217	0
"2013-05-19	19:00:00"	13.268	243.74	89.291	7.8203	447.67	26.208	0
"2013-05-19	20:00:00"	13.258	245.65	88.493	7.6767	216.87	26.217	0
"2013-05-19	21:00:00"	8.4711	240.48	84.908	8.2189	38.759	26.237	0
"2013-05-19	22:00:00"	3.8034	227.36	77.745	10.798	0.06783	26.255	0
"2013-05-19	23:00:00"	3.118	245.91	73.532	12.468	0.04303	26.273	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-20	00:00:00"	2.5644	171.25	68.828	14.903	0.05024	26.273	0
"2013-05-20	01:00:00"	1.738	194.4	67.651	16.256	0.0655	26.261	0
"2013-05-20	02:00:00"	1.628	265.82	66.547	17.037	0.06677	26.258	0
"2013-05-20	03:00:00"	1.9449	235.44	65.409	17.637	0.0549	26.255	0
"2013-05-20	04:00:00"	5.1971	280.94	65.786	17.144	0.06953	26.261	0
"2013-05-20	05:00:00"	3.3622	230.4	66.029	16.454	0.05787	26.267	0
"2013-05-20	06:00:00"	2.3755	8.4867	61.183	19.25	0.07843	26.279	0
"2013-05-20	07:00:00"	3.8624	342.85	57.664	21.639	1.922	26.282	0
"2013-05-20	08:00:00"	7.7578	341.32	61.357	21.436	95.904	26.305	0
"2013-05-20	09:00:00"	10.84	331.76	68.39	18.499	300.32	26.326	0
"2013-05-20	10:00:00"	14.512	354.19	74.116	17.566	524.78	26.347	0
"2013-05-20	11:00:00"	12.229	6.5787	78.148	15.615	743.89	26.344	0
"2013-05-20	12:00:00"	7.211	347.35	81.197	13.19	936.6	26.347	0
"2013-05-20	13:00:00"	7.6391	315.42	83.098	12.201	1055.9	26.335	0
"2013-05-20	14:00:00"	8.1182	290.04	85.044	10.993	1109.1	26.314	0
"2013-05-20	15:00:00"	8.5389	269.41	87.459	9.4369	1094.6	26.294	0
"2013-05-20	16:00:00"	11.29	248.77	88.583	8.2795	1017.4	26.273	0
"2013-05-20	17:00:00"	11.835	244.26	89.594	7.9778	871.52	26.243	0
"2013-05-20	18:00:00"	12.666	239.11	90.241	7.8453	680.87	26.229	0
"2013-05-20	19:00:00"	11.471	229.02	89.312	8.6278	447.31	26.208	0
"2013-05-20	20:00:00"	10.9	219.46	89.369	7.857	218.86	26.202	0
"2013-05-20	21:00:00"	11.618	231.21	86.87	7.7725	40.3	26.22	0
"2013-05-20	22:00:00"	6.776	222.42	81.215	9.9875	0.05978	26.234	0
"2013-05-20	23:00:00"	3.9401	228.33	75.304	12.25	0.05448	26.255	0
"2013-05-21	00:00:00"	1.8741	223.51	72.466	13.384	0.06762	26.249	0
"2013-05-21	01:00:00"	1.9598	236.31	71.337	13.748	0.05088	26.243	0
"2013-05-21	02:00:00"	3.5139	262.89	70.582	14.196	0.06105	26.234	0
"2013-05-21	03:00:00"	4.7274	274.07	69.997	14.195	0.05384	26.226	0
"2013-05-21	04:00:00"	12.993	340.24	68.133	13.634	0.05469	26.234	0
"2013-05-21	05:00:00"	10.264	346.6	65.368	15.038	0.05384	26.255	0
"2013-05-21	06:00:00"	15.091	351.39	62.702	32.818	0.07334	26.291	0
"2013-05-21	07:00:00"	16.303	358.67	61.918	41.031	1.5949	26.32	0
"2013-05-21	08:00:00"	16.544	4.5369	62.415	42.268	83.3	26.347	0
"2013-05-21	09:00:00"	19.135	26.355	64.158	39.872	284.25	26.353	0
"2013-05-21	10:00:00"	18.632	27.45	65.347	37.935	504.47	26.403	0
"2013-05-21	11:00:00"	16.112	24.439	67.962	35.373	703.09	26.409	0
"2013-05-21	12:00:00"	13.81	23.264	71.378	32.478	853.49	26.42	0
"2013-05-21	13:00:00"	12.1	25.58	72.198	31.641	956.28	26.42	0
"2013-05-21	14:00:00"	9.2416	16.923	73.791	29.918	1025.3	26.409	0
"2013-05-21	15:00:00"	6.9258	21.452	75.399	27.112	1028.1	26.394	0
"2013-05-21	16:00:00"	7.8206	346.84	77.693	23.69	986.46	26.379	0
"2013-05-21	17:00:00"	5.6538	309.91	79.511	21.595	853.36	26.361	0
"2013-05-21	18:00:00"	3.845	72.404	80.34	20.435	666.24	26.341	0
"2013-05-21	19:00:00"	4.2148	28.375	80.637	19.407	440.5	26.326	0
"2013-05-21	20:00:00"	4.2409	108.26	80.651	19.207	214.12	26.326	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-21	21:00:00"	5.7104	107.34	78.317	21.611	40.627	26.332	0
"2013-05-21	22:00:00"	6.0919	106.95	73.007	26.431	0.05363	26.338	0
"2013-05-21	23:00:00"	7.6826	114.23	70.956	28.052	0.046	26.353	0
"2013-05-22	00:00:00"	9.0832	125.84	68.873	31.275	0.04155	26.361	0
"2013-05-22	01:00:00"	9.0636	133.3	67.214	33.704	0.04249	26.358	0
"2013-05-22	02:00:00"	6.717	140.5	64.967	35.935	0.0513	26.356	0
"2013-05-22	03:00:00"	6.4623	153.98	62.806	38.496	0.06338	26.35	0
"2013-05-22	04:00:00"	2.734	156.82	59.53	42.924	0.05321	26.35	0
"2013-05-22	05:00:00"	2.9733	155.27	57.733	45.429	0.0549	26.347	0
"2013-05-22	06:00:00"	6.5878	160.82	58.114	46.721	0.05829	26.353	0
"2013-05-22	07:00:00"	5.0337	126.05	56.63	49.806	2.1855	26.35	0
"2013-05-22	08:00:00"	7.6335	139	57.667	49.53	94.059	26.364	0
"2013-05-22	09:00:00"	12.837	172.86	65.056	41.089	290.81	26.376	0
"2013-05-22	10:00:00"	16.743	184.1	71.713	37.544	506.67	26.382	0
"2013-05-22	11:00:00"	16.773	186.31	75.837	38.906	713.32	26.388	0
"2013-05-22	12:00:00"	15.422	185.44	80.249	29.816	870.14	26.379	0
"2013-05-22	13:00:00"	14.492	184.07	84.664	21.602	1042.6	26.364	0
"2013-05-22	14:00:00"	13.765	193.55	88.478	14.467	1097.7	26.341	0
"2013-05-22	15:00:00"	12.631	208.05	90.991	10.653	1086.6	26.317	0
"2013-05-22	16:00:00"	13.214	209.99	92.496	8.3811	1011.1	26.302	0
"2013-05-22	17:00:00"	11.928	208.33	93.231	7.8936	844.97	26.273	0
"2013-05-22	18:00:00"	11.915	203.79	93.132	7.0908	576.91	26.255	0
"2013-05-22	19:00:00"	9.5977	229.38	92.529	6.755	226.15	26.246	0
"2013-05-22	20:00:00"	10.393	205.03	92.503	6.9742	183.86	26.252	0
"2013-05-22	21:00:00"	11.815	179.13	88.445	13.141	26.667	26.273	0
"2013-05-22	22:00:00"	11.288	165.89	83.901	20.19	0.06614	26.288	0
"2013-05-22	23:00:00"	9.2193	155.7	80.775	23.529	0.07229	26.311	0
"2013-05-23	00:00:00"	11.663	154.93	79.208	28.089	0.06296	26.317	0
"2013-05-23	01:00:00"	12.323	163.39	77.8	35.463	0.05109	26.323	0
"2013-05-23	02:00:00"	12.442	172.54	76.208	42.971	0.06762	26.326	0
"2013-05-23	03:00:00"	12.057	177.94	75.151	49.142	0.05257	26.326	0
"2013-05-23	04:00:00"	10.914	180.79	73.71	55.139	0.07101	26.332	0
"2013-05-23	05:00:00"	11.374	176.74	72.164	63.16	0.06847	26.341	0
"2013-05-23	06:00:00"	10.366	173.17	70.648	70.787	0.04876	26.35	0
"2013-05-23	07:00:00"	9.2193	161.59	69.25	76.997	2.2957	26.367	0
"2013-05-23	08:00:00"	7.5335	170.97	69.312	78.029	56.318	26.382	0
"2013-05-23	09:00:00"	11.056	173.8	71.989	70.495	246.17	26.4	0
"2013-05-23	10:00:00"	12.87	182.57	76.025	60.434	503.82	26.403	0
"2013-05-23	11:00:00"	12.14	189.32	80.607	48.823	717.8	26.406	0
"2013-05-23	12:00:00"	10.898	189.36	86.2	32.494	902.55	26.403	0
"2013-05-23	13:00:00"	10.317	182.77	89.928	28.58	1043.4	26.394	0
"2013-05-23	14:00:00"	8.7731	186.61	93.248	22.277	1062.7	26.376	0
"2013-05-23	15:00:00"	9.6511	177.05	95.307	17.071	1016.6	26.338	0
"2013-05-23	16:00:00"	8.4687	168.88	94.42	14.597	270.73	26.335	0
"2013-05-23	17:00:00"	10.309	229.85	90.882	15.753	33.401	26.341	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-23	18:00:00"	19.911	134.71	78.46	30.832	3.4529	26.335	0.02
"2013-05-23	19:00:00"	15.281	163.8	77.382	32.103	7.1795	26.403	0
"2013-05-23	20:00:00"	19.234	152.47	75.202	35.42	16.879	26.391	0
"2013-05-23	21:00:00"	16.578	207.45	75.252	36.226	6.105	26.4	0
"2013-05-23	22:00:00"	17.321	200.52	72.685	40.459	0.06381	26.415	0
"2013-05-23	23:00:00"	9.4629	191.43	71.033	45.634	0.06105	26.471	0
"2013-05-24	00:00:00"	6.3516	99.379	68.824	54.493	0.05787	26.48	0
"2013-05-24	01:00:00"	9.8332	88.742	66.737	60.451	0.06063	26.506	0
"2013-05-24	02:00:00"	15.387	100.73	64.002	70.86	0.0549	26.527	0
"2013-05-24	03:00:00"	16.361	105.62	63.982	66.991	0.05109	26.515	0
"2013-05-24	04:00:00"	14.295	124.32	61.991	73.229	0.07928	26.5	0
"2013-05-24	05:00:00"	11.452	127.41	62.138	70.143	0.05151	26.5	0
"2013-05-24	06:00:00"	10.031	130.29	62.896	62.581	0.06805	26.509	0
"2013-05-24	07:00:00"	7.9778	143.13	63.091	59.124	1.4644	26.515	0
"2013-05-24	08:00:00"	4.7808	193.43	64.205	57.473	111.05	26.539	0
"2013-05-24	09:00:00"	7.9206	208.87	67.577	50.954	317.45	26.556	0
"2013-05-24	10:00:00"	9.2901	173.58	69.761	48.403	326.84	26.574	0
"2013-05-24	11:00:00"	8.4357	156.89	72.941	44.681	683.9	26.565	0
"2013-05-24	12:00:00"	6.7462	151.35	75.846	40.921	835.51	26.542	0
"2013-05-24	13:00:00"	9.0907	149.47	79.245	38.159	969.85	26.53	0
"2013-05-24	14:00:00"	9.3659	150.21	81.502	36.629	928.7	26.515	0
"2013-05-24	15:00:00"	9.4815	151.75	83.489	34.521	990.39	26.497	0
"2013-05-24	16:00:00"	10.691	137.98	84.753	32.001	846.79	26.477	0
"2013-05-24	17:00:00"	9.1211	151.7	85.765	31.1	776.71	26.447	0
"2013-05-24	18:00:00"	7.3067	161.15	85.883	30.13	579.96	26.435	0
"2013-05-24	19:00:00"	8.0182	140.81	85.56	30.495	230.47	26.429	0
"2013-05-24	20:00:00"	14.003	110.19	84.385	33.262	199.47	26.441	0
"2013-05-24	21:00:00"	14.567	115.09	80.35	40.466	17.949	26.468	0
"2013-05-24	22:00:00"	18.025	115.54	75.21	50.054	0.06932	26.494	0
"2013-05-24	23:00:00"	16.435	121.48	72.414	53.338	0.0549	26.509	0
"2013-05-25	00:00:00"	14.774	122.02	70.193	63.016	0.07419	26.536	0
"2013-05-25	01:00:00"	13.404	128	68.45	68.58	0.06041	26.53	0
"2013-05-25	02:00:00"	10.445	130.8	67.074	70.751	0.05957	26.545	0
"2013-05-25	03:00:00"	9.5188	135.19	65.625	71.599	0.06275	0.26518	0
"2013-05-25	04:00:00"	8.9906	128.01	64.206	78.494	0.04982	26.515	0
"2013-05-25	05:00:00"	10.126	142.23	64.181	79.754	0.06296	26.512	0
"2013-05-25	06:00:00"	8.4904	151.05	63.405	79.063	0.07165	26.509	0
"2013-05-25	07:00:00"	5.9335	140	61.874	82.814	0.98528	26.515	0
"2013-05-25	08:00:00"	9.6145	157.24	62.821	80.299	21.687	26.53	0
"2013-05-25	09:00:00"	7.2874	168.47	63.46	78.147	92.099	26.536	0
"2013-05-25	10:00:00"	4.5633	175.24	64.834	74.196	228.79	26.545	0
"2013-05-25	11:00:00"	5.8303	129.96	67.749	67.131	520.04	26.542	0
"2013-05-25	12:00:00"	9.9357	113.84	72.249	57.628	827.52	26.524	0
"2013-05-25	13:00:00"	10.873	114.48	76.431	49.299	941.54	26.515	0
"2013-05-25	14:00:00"	9.9481	123.26	80.291	42.654	1019.3	26.494	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-25	15:00:00"	10.658	129.62	83.56	37.619	1007.3	26.474	0
"2013-05-25	16:00:00"	10.84	158.1	86.061	34.243	844.23	26.456	0
"2013-05-25	17:00:00"	11.895	158.3	87.927	31.842	821.11	26.429	0
"2013-05-25	18:00:00"	11.648	154.71	88.506	31.388	570.82	26.412	0
"2013-05-25	19:00:00"	13.64	159.04	86.359	34.356	218.53	26.412	0
"2013-05-25	20:00:00"	11.009	154.08	83.597	38.229	74.298	26.406	0
"2013-05-25	21:00:00"	16.077	254.55	77.197	44.273	4.402	26.521	0.01
"2013-05-25	22:00:00"	16.507	0.22425	62.202	80.038	0.06253	26.533	0.56
"2013-05-25	23:00:00"	13.573	36.74	67.61	61.089	0.07525	26.474	0.05
"2013-05-26	00:00:00"	11.645	76.285	71.739	45.964	0.06041	26.48	0
"2013-05-26	01:00:00"	6.4206	112.81	69.12	56.555	0.05681	26.485	0
"2013-05-26	02:00:00"	11.434	160.91	67.381	66.531	0.06953	26.459	0
"2013-05-26	03:00:00"	13.585	149.6	69.635	61.416	0.06614	26.435	0
"2013-05-26	04:00:00"	10.189	148.89	67.877	63.98	0.05702	26.459	0
"2013-05-26	05:00:00"	10.075	175.84	65.459	68.797	0.06359	26.447	0
"2013-05-26	06:00:00"	5.5432	200.53	62.617	74.545	0.05935	26.453	0
"2013-05-26	07:00:00"	2.5103	194.82	59.827	82.87	1.1472	26.468	0
"2013-05-26	08:00:00"	3.5356	192.08	61.935	80.321	85.537	26.462	0
"2013-05-26	09:00:00"	10.26	177.74	66.789	76.366	276.79	26.468	0
"2013-05-26	10:00:00"	13.675	188.72	70.455	72.98	491.09	26.477	0
"2013-05-26	11:00:00"	13.32	188.86	74.084	65.101	690.25	26.474	0
"2013-05-26	12:00:00"	12.045	183.47	78.197	56.208	845.47	26.468	0
"2013-05-26	13:00:00"	11.262	202.5	82.082	44.231	935.58	26.453	0
"2013-05-26	14:00:00"	10.389	204	85.827	34.801	1012.5	26.435	0
"2013-05-26	15:00:00"	9.8649	185.38	89.137	28.022	1051.6	26.412	0
"2013-05-26	16:00:00"	11.464	185.61	91.857	23.277	973.5	26.388	0
"2013-05-26	17:00:00"	10.132	195.17	93.546	19.804	819	26.37	0
"2013-05-26	18:00:00"	10.838	202.73	94.296	16.23	629.32	26.347	0
"2013-05-26	19:00:00"	10.785	181.65	94.431	13.611	424.86	26.335	0
"2013-05-26	20:00:00"	11.49	177.72	92.834	16.25	189.98	26.332	0
"2013-05-26	21:00:00"	14.319	163.05	87.788	32.306	24.542	26.347	0
"2013-05-26	22:00:00"	16.448	164.55	84.011	40.851	0.19227	26.364	0
"2013-05-26	23:00:00"	18.498	164.38	81.035	46.97	0.05215	26.382	0
"2013-05-27	00:00:00"	17.499	168.79	78.441	51.285	0.05384	26.394	0
"2013-05-27	01:00:00"	14.636	176.74	76.573	56.648	0.0549	26.403	0
"2013-05-27	02:00:00"	13.003	177.39	74.565	61.254	0.05787	26.391	0
"2013-05-27	03:00:00"	11.229	175.85	73.269	64.446	0.06911	26.376	0
"2013-05-27	04:00:00"	9.9599	176.62	71.716	68.946	0.05957	26.367	0
"2013-05-27	05:00:00"	8.5693	185.14	70.029	74.767	0.05575	26.364	0
"2013-05-27	06:00:00"	8.1524	184.35	68.542	79.085	0.06699	26.356	0
"2013-05-27	07:00:00"	8.4606	190.92	67.223	82.273	2.538	26.364	0
"2013-05-27	08:00:00"	9.4237	193.81	67.092	84.655	90.75	26.37	0
"2013-05-27	09:00:00"	10.939	192.85	70.171	78.241	268.97	26.373	0
"2013-05-27	10:00:00"	11.715	199.87	75.064	65.034	486.42	26.373	0
"2013-05-27	11:00:00"	11.46	204.21	80.032	52.222	688.24	26.361	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-27	12:00:00"	11.267	214.11	85.045	36.085	861.43	26.356	0
"2013-05-27	13:00:00"	8.8862	231.97	89.061	24.211	1015.6	26.344	0
"2013-05-27	14:00:00"	7.5565	214.94	92.095	17.626	1002.4	26.32	0
"2013-05-27	15:00:00"	10.542	205.49	94.056	13.81	1017	26.299	0
"2013-05-27	16:00:00"	12.427	220.24	95.657	11.018	878.5	26.282	0
"2013-05-27	17:00:00"	9.8518	215.18	96.19	10.016	772.89	26.243	0
"2013-05-27	18:00:00"	13.706	221.94	97.269	8.2917	552.96	26.223	0
"2013-05-27	19:00:00"	13.405	243.78	96.369	7.8989	411.86	26.214	0
"2013-05-27	20:00:00"	10.555	254.36	93.762	7.4458	122.15	26.232	0
"2013-05-27	21:00:00"	14.598	174.01	85.501	33.184	19.423	26.252	0
"2013-05-27	22:00:00"	14.908	178.45	80.582	45.417	0.0566	26.267	0
"2013-05-27	23:00:00"	9.8779	178.27	77.287	51.285	0.04854	26.276	0
"2013-05-28	00:00:00"	10.179	182.79	75.497	52.041	0.0566	26.288	0
"2013-05-28	01:00:00"	11.929	184.32	73.882	57.616	0.05554	26.282	0
"2013-05-28	02:00:00"	12.563	189.81	73.469	65.341	0.05151	26.276	0
"2013-05-28	03:00:00"	11.804	193.28	72.583	68.038	0.0744	26.258	0
"2013-05-28	04:00:00"	10.207	193.93	71.787	69.602	0.05808	26.249	0
"2013-05-28	05:00:00"	8.0486	202.34	71.669	69.768	0.06614	26.243	0
"2013-05-28	06:00:00"	8.5457	203.98	71.982	68.386	0.05172	26.255	0
"2013-05-28	07:00:00"	10.608	168.76	71.064	70.317	1.1114	26.22	0
"2013-05-28	08:00:00"	10.984	168.03	70.344	73.999	63.616	26.246	0
"2013-05-28	09:00:00"	12.921	176.13	70.641	77.104	149.5	26.264	0
"2013-05-28	10:00:00"	10.926	178.13	69.991	80.819	165.49	26.255	0
"2013-05-28	11:00:00"	13.983	173.5	73.403	71.239	618.12	26.255	0
"2013-05-28	12:00:00"	13.886	175.69	74.581	65.516	398.91	26.252	0
"2013-05-28	13:00:00"	14.002	176.05	80.576	51.604	938.44	26.237	0
"2013-05-28	14:00:00"	13.509	170.94	82.25	46.229	730.18	26.234	0
"2013-05-28	15:00:00"	12.211	167.32	83.118	43.526	695.26	26.214	0
"2013-05-28	16:00:00"	12.966	159.05	86.515	37.092	968.16	26.19	0
"2013-05-28	17:00:00"	13.354	154.69	87.758	34.141	827.87	26.169	0
"2013-05-28	18:00:00"	15.297	141.08	87.181	35.636	642.04	26.143	0
"2013-05-28	19:00:00"	19.051	141.82	85.652	38.981	418.87	26.125	0
"2013-05-28	20:00:00"	18.34	147.23	82.591	44.141	203.61	26.131	0
"2013-05-28	21:00:00"	16.647	143.45	78.127	54.392	34.975	26.152	0
"2013-05-28	22:00:00"	13.681	148.91	75.203	60.846	0.07165	26.169	0
"2013-05-28	23:00:00"	14.769	155.84	74.403	64.147	0.06487	26.184	0
"2013-05-29	00:00:00"	12.083	161.98	73.884	65.193	0.05215	26.19	0
"2013-05-29	01:00:00"	16.758	164.42	74.187	63.985	0.04282	26.184	0
"2013-05-29	02:00:00"	17.559	168.33	73.485	66.027	0.06041	26.187	0
"2013-05-29	03:00:00"	18.475	180.61	72.497	69.457	0.05405	26.19	0
"2013-05-29	04:00:00"	21.639	178.64	72.113	72.458	0.05639	26.172	0
"2013-05-29	05:00:00"	18.55	178.28	71.378	76.42	0.0619	26.164	0
"2013-05-29	06:00:00"	16.981	184.26	69.557	76.711	0.04854	26.152	0
"2013-05-29	07:00:00"	14.855	189.66	68.636	72.834	1.9824	26.149	0
"2013-05-29	08:00:00"	12.549	195.24	68.893	67.879	91.201	26.158	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-29	09:00:00"	12.497	197.94	69.803	64.457	163.67	26.175	0
"2013-05-29	10:00:00"	13.173	216.69	74.431	49.91	402.81	26.184	0
"2013-05-29	11:00:00"	13.709	251.23	81.377	24.524	711.99	26.172	0
"2013-05-29	12:00:00"	14.43	264.42	85.252	13.054	917.71	26.172	0
"2013-05-29	13:00:00"	14.179	258.89	86.95	11.494	1042.8	26.169	0
"2013-05-29	14:00:00"	14.43	247.42	88.218	10.064	1096.5	26.155	0
"2013-05-29	15:00:00"	16.949	239.18	89.311	9.9161	1078	26.14	0
"2013-05-29	16:00:00"	18.481	239.3	90.124	10.527	991.56	26.122	0
"2013-05-29	17:00:00"	18.595	237.54	90.015	10.438	851.52	26.105	0
"2013-05-29	18:00:00"	18.302	232.11	89.923	9.972	664.99	26.096	0
"2013-05-29	19:00:00"	17.47	239.52	89.299	10.029	444.83	26.102	0
"2013-05-29	20:00:00"	15.079	248.34	88.168	10.119	220.94	26.107	0
"2013-05-29	21:00:00"	11.09	234.74	85.426	10.821	45.881	26.125	0
"2013-05-29	22:00:00"	7.8802	217.16	80.898	12.588	0.1539	26.14	0
"2013-05-29	23:00:00"	6.164	208.12	76.76	15.142	0.04918	26.158	0
"2013-05-30	00:00:00"	4.2458	218.23	73.196	17.498	0.07631	26.164	0
"2013-05-30	00:00:00"	3.1317	227	71.78	18.4	0	26.164	0
"2013-05-30	01:00:00"	2.5371	238.48	70.576	18.879	0.05872	26.175	0
"2013-05-30	02:00:00"	2.1605	225.31	69.367	19.384	0.06614	26.178	0
"2013-05-30	03:00:00"	7.4864	167.15	68.286	25.433	0.07504	26.19	0
"2013-05-30	04:00:00"	11.393	182.96	69.489	68.377	0.06147	26.196	0
"2013-05-30	05:00:00"	11.3	190.09	68.563	78.636	0.06041	26.196	0
"2013-05-30	06:00:00"	9.2876	200.26	66.892	84.137	0.06232	26.205	0
"2013-05-30	07:00:00"	5.2139	235.11	64.471	88.637	2.5775	26.226	0
"2013-05-30	08:00:00"	5.409	241.03	63.731	89.696	99.32	26.255	0
"2013-05-30	09:00:00"	5.8179	250.25	68.248	64.28	289.67	26.282	0
"2013-05-30	10:00:00"	6.6182	302.8	77.274	25.664	507.64	0.00236	0
"2013-05-30	11:00:00"	11.798	341.26	83.78	14.567	740.85	26.302	0
"2013-05-30	12:00:00"	10.123	318.54	85.492	15.964	912.19	26.305	0
"2013-05-30	13:00:00"	8.5768	315.72	87.334	15.434	1025.6	26.302	0
"2013-05-30	14:00:00"	8.9533	308.39	88.93	13.827	1079.9	26.294	0
"2013-05-30	15:00:00"	10.855	287.36	90.653	12.131	1068.5	26.282	0
"2013-05-30	16:00:00"	8.3015	264.11	91.44	11.599	989.73	26.264	0
"2013-05-30	17:00:00"	11.23	252.14	92.594	10.876	852.03	26.243	0
"2013-05-30	18:00:00"	10.13	251.42	93.426	10.273	670.37	26.232	0
"2013-05-30	19:00:00"	12.179	246.38	93.19	9.2644	456.25	26.226	0
"2013-05-30	20:00:00"	9.7897	240.45	92.296	9.8653	231.17	26.232	0
"2013-05-30	21:00:00"	7.1632	236.23	89.279	11.606	49.344	0	0
"2013-05-30	22:00:00"	3.4213	202.59	81.476	15.09	0.17086	26.252	0
"2013-05-30	23:00:00"	5.186	209.3	78.873	17.272	0.06508	26.27	0
"2013-05-31	00:00:00"	3.6835	237.9	75.634	19.575	0.04536	26.276	0
"2013-05-31	01:00:00"	1.6827	221.18	73.538	21.325	0.06529	26.276	0
"2013-05-31	02:00:00"	2.0064	210.07	71.733	24.237	0.06465	26.27	0
"2013-05-31	03:00:00"	5.0182	206.85	71.475	31.603	0.06953	26.276	0
"2013-05-31	04:00:00"	8.0604	178.17	70.439	64.136	0.06126	26.279	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-05-31	05:00:00"	6.3722	195.47	68.145	74.866	0.05088	26.285	0
"2013-05-31	06:00:00"	6.0105	201.35	66.199	82.488	0.05215	26.288	0
"2013-05-31	07:00:00"	5.6762	213.56	64.89	87.07	3.4222	26.291	0
"2013-05-31	08:00:00"	6.9109	214.29	65.914	86.054	95.926	26.317	0
"2013-05-31	09:00:00"	9.4722	210.79	70.313	73.2	292.21	26.335	0
"2013-05-31	10:00:00"	9.5129	218.92	75.915	52.546	508.63	0.02628	0
"2013-05-31	11:00:00"	9.1025	239.23	82.214	32.433	716.53	26.341	0
"2013-05-31	12:00:00"	8.7439	269.54	88.59	18.704	912.49	26.335	0
"2013-05-31	13:00:00"	7.6994	287.24	91.922	14.049	1031.9	26.323	0
"2013-05-31	14:00:00"	8.7918	252.96	93.589	12.446	1083.5	26.302	0
"2013-05-31	15:00:00"	9.534	250.03	95.364	11.024	1072.1	26.279	0
"2013-05-31	16:00:00"	6.9966	280.35	96.619	9.8975	992.47	26.252	0
"2013-05-31	17:00:00"	8.0312	283.95	97.716	8.9278	855.43	26.226	0
"2013-05-31	18:00:00"	11.035	252.77	98.628	8.4247	672.16	26.214	0
"2013-05-31	19:00:00"	10.402	250.54	98.427	7.9553	457.97	26.205	0
"2013-05-31	20:00:00"	12.614	244.73	97.029	7.3917	237.68	26.211	0
"2013-05-31	21:00:00"	6.8239	232.83	93.703	8.7664	52.435	26.223	0
"2013-05-31	22:00:00"	4.587	212.34	85.992	11.548	0.19905	26.234	0
"2013-05-31	23:00:00"	12.319	210.67	82.218	13.222	0.04854	26.249	0
"2013-06-01	00:00:00"	3.2771	229.58	78.481	15.281	0.05342	26.255	0
"2013-06-01	01:00:00"	3.1069	204.44	76.259	16.684	0.06275	26.27	0
"2013-06-01	02:00:00"	6.3436	192.29	75.989	32.842	0.05808	26.27	0
"2013-06-01	03:00:00"	5.8987	256.1	76.83	49.014	0.07483	26.285	0
"2013-06-01	04:00:00"	6.0335	335.93	74.74	36.295	0.0814	26.294	0
"2013-06-01	05:00:00"	10.387	7.1135	71.896	19.488	0.06614	26.302	0
"2013-06-01	06:00:00"	13.402	2.8834	68.552	37.031	0.07907	26.317	0
"2013-06-01	07:00:00"	14.162	21.309	66.83	62.846	2.874	26.356	0
"2013-06-01	08:00:00"	14.132	25.288	67.327	65.01	95.507	26.391	0
"2013-06-01	09:00:00"	15.93	31.015	70.086	44.446	292.76	26.412	0
"2013-06-01	10:00:00"	19.271	44.031	75.287	33.447	506.21	26.42	0
"2013-06-01	11:00:00"	21.875	47.723	78.512	28.773	698.34	26.429	0
"2013-06-01	12:00:00"	19.006	53.369	80.333	25.611	869.03	26.45	0
"2013-06-01	13:00:00"	15.36	54.413	82.65	23.498	1010.9	26.462	0
"2013-06-01	14:00:00"	14.435	57.728	85.01	21.093	1057.4	26.453	0
"2013-06-01	15:00:00"	14.234	56.942	85.909	20.469	1046.5	26.444	0
"2013-06-01	16:00:00"	13.98	65.128	86.342	19.505	967.83	26.441	0
"2013-06-01	17:00:00"	14.269	66.988	86.447	18.431	832.06	26.441	0
"2013-06-01	18:00:00"	13.212	64.81	86.123	18.363	654.34	26.441	0
"2013-06-01	19:00:00"	14.34	68.932	84.962	18.936	441.67	26.432	0
"2013-06-01	20:00:00"	14.26	63.287	83.333	19.17	224.09	26.453	0
"2013-06-01	21:00:00"	13.026	73.264	80.715	20.238	48.126	26.474	0
"2013-06-01	22:00:00"	8.7694	74.526	76.691	22.938	0.21495	26.503	0
"2013-06-01	23:00:00"	8.1623	80.317	73.656	26.422	0.05851	26.524	0
"2013-06-02	00:00:00"	8.9552	78.984	71.429	28.707	0.05384	26.515	0
"2013-06-02	01:00:00"	9.2553	77.7	69.541	30.696	0.05999	26.506	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-02	02:00:00"	9.4063	71.39	67.881	32.764	0.05914	26.512	0
"2013-06-02	03:00:00"	9.4262	69.771	65.393	35.634	0.06041	26.512	0
"2013-06-02	04:00:00"	8.5755	78.831	64.393	36.972	0.07864	26.524	0
"2013-06-02	05:00:00"	6.1938	77.714	63.932	38.031	0.05321	26.536	0
"2013-06-02	06:00:00"	4.1408	42.299	60.939	42.488	0.07229	26.545	0
"2013-06-02	07:00:00"	7.0513	42.116	60.834	43.584	2.1857	26.547	0
"2013-06-02	08:00:00"	7.9486	58.639	61.871	42.899	99.316	26.568	0
"2013-06-02	09:00:00"	12.101	69.542	65.681	40.263	271.99	26.586	0
"2013-06-02	10:00:00"	13.409	83.514	69.285	39.725	427.76	26.58	0
"2013-06-02	11:00:00"	14.531	92.045	72.233	38.262	666.62	26.583	0
"2013-06-02	12:00:00"	13.862	99.768	74.359	35.825	704.61	26.58	0
"2013-06-02	13:00:00"	13.003	110.28	77.115	30.469	824.21	26.562	0
"2013-06-02	14:00:00"	13.909	120.39	79.85	29.079	1017.4	26.539	0
"2013-06-02	15:00:00"	13.019	133.52	82.043	28.854	1060	26.512	0
"2013-06-02	16:00:00"	13.072	143.3	84.257	28.598	976.97	26.488	0
"2013-06-02	17:00:00"	13.333	146.66	85.299	28.243	840.04	26.456	0
"2013-06-02	18:00:00"	13.485	139.13	86.299	27.96	658	26.418	0
"2013-06-02	19:00:00"	14.367	139.93	86.369	29.564	442.14	26.382	0
"2013-06-02	20:00:00"	14.964	139.62	85.461	31.941	217.91	26.373	0
"2013-06-02	21:00:00"	13.096	147.2	82.672	36.499	24.978	26.4	0
"2013-06-02	22:00:00"	10.558	153.26	80.783	40.472	0.08076	26.42	0
"2013-06-02	23:00:00"	11.206	160.84	79.575	44.933	0.06169	26.435	0
"2013-06-03	00:00:00"	11.635	166.26	78.257	49.228	0.05172	26.429	0
"2013-06-03	01:00:00"	14.224	169.07	77.474	54.191	0.05851	26.42	0
"2013-06-03	02:00:00"	10.968	166.31	75.816	57.74	0.05299	26.512	0
"2013-06-03	03:00:00"	21.519	8.8334	64.989	66.483	0.06041	26.485	0
"2013-06-03	04:00:00"	17.099	35.57	65.053	70.637	0.06381	26.459	0
"2013-06-03	05:00:00"	13.282	40.827	64.871	69.456	0.06253	26.45	0
"2013-06-03	06:00:00"	11.621	49.79	64.6	69.618	0.04918	26.459	0
"2013-06-03	07:00:00"	10.261	56.654	64.016	71.711	1.7647	26.45	0
"2013-06-03	08:00:00"	8.2736	83.577	64.93	69.335	36.421	26.444	0
"2013-06-03	09:00:00"	10.592	124.75	69.422	58.15	259.98	26.438	0
"2013-06-03	10:00:00"	11.764	162.57	76.25	46.989	494.46	26.429	0
"2013-06-03	11:00:00"	11.741	189.04	79.439	43.459	680.04	26.426	0
"2013-06-03	12:00:00"	10.668	208.83	82.052	38.536	838.02	26.42	0
"2013-06-03	13:00:00"	12.717	219.39	84.61	34.355	994.32	26.403	0
"2013-06-03	14:00:00"	13.257	224.61	87.394	31.093	1049.5	26.379	0
"2013-06-03	15:00:00"	11.699	219.79	90.079	27.498	1038.7	26.358	0
"2013-06-03	16:00:00"	11.474	213.77	92.699	23.563	960.71	26.338	0
"2013-06-03	17:00:00"	10.812	215.91	93.667	21.774	824.86	26.32	0
"2013-06-03	18:00:00"	10.881	207.13	94.145	21.133	646.16	26.302	0
"2013-06-03	19:00:00"	12.048	194.36	94.16	21.094	435.2	26.288	0
"2013-06-03	20:00:00"	11.393	186.98	93.079	21.337	220.53	26.285	0
"2013-06-03	21:00:00"	10.062	179.07	91.07	22.136	47.211	26.291	0
"2013-06-03	22:00:00"	9.6946	169.95	87.586	25.491	0.22682	26.299	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-03	23:00:00"	14.187	169.06	85.453	34.038	0.05193	26.317	0
"2013-06-04	00:00:00"	16	171.19	83.573	39.099	0.06656	26.323	0
"2013-06-04	01:00:00"	16.645	172.99	81.596	43.81	0.05363	26.326	0
"2013-06-04	02:00:00"	15.279	175.47	79.506	47.74	0.06995	26.32	0
"2013-06-04	03:00:00"	14.714	179.07	77.796	50.677	0.05872	26.317	0
"2013-06-04	04:00:00"	13.851	181.91	76.384	51.609	0.06699	26.305	0
"2013-06-04	05:00:00"	11.618	182.95	74.882	51.357	0.06211	26.311	0
"2013-06-04	06:00:00"	9.3964	191.69	73.294	52.411	0.04791	26.314	0
"2013-06-04	07:00:00"	7.5198	200.74	71.379	55.302	3.1566	26.323	0
"2013-06-04	08:00:00"	7.1538	209.3	71.539	55.177	99.153	26.332	0
"2013-06-04	09:00:00"	10.771	208.74	76.38	46.822	295.83	26.347	0
"2013-06-04	10:00:00"	11.968	227.42	82.014	37.29	515.74	26.35	0
"2013-06-04	11:00:00"	12.273	259.83	89.763	21.309	750.26	26.35	0
"2013-06-04	12:00:00"	10.886	277.01	94.364	12.329	915.95	26.356	0
"2013-06-04	13:00:00"	9.0646	305.73	96.52	9.7483	1027.4	26.347	0
"2013-06-04	14:00:00"	6.3268	310.65	98.466	7.2617	1081.6	26.335	0
"2013-06-04	15:00:00"	8.2313	293	99.887	6.4828	1069.3	26.317	0
"2013-06-04	16:00:00"	8.332	303.35	101	5.9517	991.41	26.305	0
"2013-06-04	17:00:00"	8.0088	287.7	101.67	5.55	858.88	26.291	0
"2013-06-04	18:00:00"	7.3322	284.63	101.76	5.3883	679.79	26.276	0
"2013-06-04	19:00:00"	6.5716	228.45	101.01	5.7358	463.6	26.264	0
"2013-06-04	20:00:00"	5.153	270.44	100.11	6.3169	228.28	26.264	0
"2013-06-04	21:00:00"	1.5354	243.53	97.644	7.2625	55.596	26.27	0
"2013-06-04	22:00:00"	6.361	150.48	90.16	13.556	0.1876	26.288	0
"2013-06-04	23:00:00"	13.574	182.56	88.27	20.323	0.0443	26.308	0
"2013-06-05	00:00:00"	11.285	186.19	84.82	22.159	0.05342	26.311	0
"2013-06-05	01:00:00"	9.2348	186.19	80.701	26.224	0.05639	26.305	0
"2013-06-05	02:00:00"	5.9372	182.93	76.871	31.206	0.04473	26.302	0
"2013-06-05	03:00:00"	3.3983	196.24	72.783	36.012	0.07229	26.294	0
"2013-06-05	04:00:00"	2.9813	200.94	70.086	39.423	0.06508	26.294	0
"2013-06-05	05:00:00"	8.007	174.66	69.975	39.675	0.05639	26.302	0
"2013-06-05	06:00:00"	5.8173	207.37	70.038	39.568	0.05554	26.308	0
"2013-06-05	07:00:00"	3.932	238.93	66.771	43.682	3.1371	26.317	0
"2013-06-05	08:00:00"	3.947	250.38	67.012	43.941	96.559	26.335	0
"2013-06-05	09:00:00"	6.5132	223.71	74.477	34.518	290.69	26.347	0
"2013-06-05	10:00:00"	5.6321	260.93	81.377	25.762	512.62	26.361	0
"2013-06-05	11:00:00"	10.835	340.69	87.085	17.044	735.01	26.364	0
"2013-06-05	12:00:00"	11.995	3.9094	86.316	28.295	893.47	26.367	0
"2013-06-05	13:00:00"	9.1571	12.706	89.274	25.008	1006.1	26.367	0
"2013-06-05	14:00:00"	8.3444	15.017	92.645	16.723	1064.5	26.353	0
"2013-06-05	15:00:00"	8.5904	34.327	95.299	13.66	1051.6	26.332	0
"2013-06-05	16:00:00"	5.6458	344.68	96.907	11.388	1010	26.314	0
"2013-06-05	17:00:00"	7.4776	202.93	98.632	10.576	872.17	26.294	0
"2013-06-05	18:00:00"	6.159	208.33	98.636	11.495	636.51	26.276	0
"2013-06-05	19:00:00"	10.461	71.466	95.169	17.971	268.62	26.267	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-05	20:00:00"	13.279	71.661	92.353	21.776	167.61	26.27	0
"2013-06-05	21:00:00"	12.068	72.072	89.138	25.656	48.647	26.285	0
"2013-06-05	22:00:00"	17.021	76.119	85.249	31.418	0.19566	26.279	0
"2013-06-05	23:00:00"	22.612	15.257	73.417	51.668	0.05448	26.415	0.14
"2013-06-06	00:00:00"	26.481	24.285	65.684	62.847	0.05914	26.42	0
"2013-06-06	01:00:00"	20.958	39.386	65.117	61.705	0.06571	26.403	0
"2013-06-06	02:00:00"	14.539	54.951	64.593	63.497	0.05978	26.394	0
"2013-06-06	03:00:00"	12.342	60.384	63.661	73.454	0.05639	26.391	0
"2013-06-06	04:00:00"	13.529	66.971	62.1	83.025	0.05957	26.397	0
"2013-06-06	05:00:00"	12.065	52.032	61.076	87.36	0.07123	26.418	0
"2013-06-06	06:00:00"	11.488	42.523	61.033	86.706	0.0566	26.432	0
"2013-06-06	07:00:00"	12.411	34.161	61.198	86.153	1.2891	26.447	0
"2013-06-06	08:00:00"	12.54	34.633	61.939	83.364	35.479	26.471	0
"2013-06-06	09:00:00"	14.361	37.469	63.173	79.708	136.03	26.488	0
"2013-06-06	10:00:00"	13.285	44.669	64.592	75.381	292.65	26.506	0
"2013-06-06	11:00:00"	12.074	54.025	67.188	68.661	601.24	26.509	0
"2013-06-06	12:00:00"	11.521	52.706	70.029	61.757	748.48	26.509	0
"2013-06-06	13:00:00"	12.727	56.123	72.88	54.455	951.66	26.497	0
"2013-06-06	14:00:00"	10.203	63.144	74.9	49.692	933.87	26.483	0
"2013-06-06	15:00:00"	7.9896	72.639	76.202	46.504	608.06	26.474	0
"2013-06-06	16:00:00"	8.6874	52.034	77.367	45.08	632.16	26.453	0
"2013-06-06	17:00:00"	8.0151	54.893	79.101	41.759	704	26.435	0
"2013-06-06	18:00:00"	9.6008	69.781	79.955	41.261	661.86	26.426	0
"2013-06-06	19:00:00"	11.436	59.432	79.132	43.5	426.82	26.415	0
"2013-06-06	20:00:00"	11.911	69.225	77.393	46.551	219.83	26.42	0
"2013-06-06	21:00:00"	10.953	71.018	74.274	52.193	30.931	26.438	0
"2013-06-06	22:00:00"	8.2555	69.689	71.319	57.957	0.11998	26.447	0
"2013-06-06	23:00:00"	8.332	69.902	69.277	63.099	0.08076	26.471	0
"2013-06-07	00:00:00"	8.7259	71.708	67.884	66.393	0.05575	26.48	0
"2013-06-07	01:00:00"	8.8968	75.574	66.564	70.003	0.06656	26.485	0
"2013-06-07	02:00:00"	9.3392	81.603	65.364	74.604	0.05787	26.5	0
"2013-06-07	03:00:00"	7.9697	80.837	64.728	81.926	0.0566	26.53	0
"2013-06-07	04:00:00"	7.5236	96.63	64.57	84.176	0.07652	26.518	0.16
"2013-06-07	05:00:00"	8.0927	88.509	63.088	89.003	0.05681	26.488	0.05
"2013-06-07	06:00:00"	5.6191	126.54	62.483	89.06	0.0619	26.5	0
"2013-06-07	07:00:00"	4.6684	121.9	62.176	89.494	2.5582	26.497	0
"2013-06-07	08:00:00"	3.8127	110.09	62.311	89.645	32.053	26.497	0
"2013-06-07	09:00:00"	5.8937	109.8	63.294	86.969	174.11	26.521	0
"2013-06-07	10:00:00"	9.4231	145.43	64.771	81.583	301.03	26.536	0
"2013-06-07	11:00:00"	7.1837	145.9	67.281	72.96	550.84	26.533	0
"2013-06-07	12:00:00"	7.1992	136.03	69.064	67.731	774.79	26.521	0
"2013-06-07	13:00:00"	6.5064	135.77	72.1	58.867	961.18	26.506	0
"2013-06-07	14:00:00"	6.9047	144.55	74.862	52.374	1010.6	26.485	0
"2013-06-07	15:00:00"	5.762	132.33	76.638	49.446	960.98	26.459	0
"2013-06-07	16:00:00"	7.3247	150.36	79.18	45.365	950.45	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-07	17:00:00"	8.2617	136.3	80.919	41.467	831.5	26.406	0
"2013-06-07	18:00:00"	9.5064	128.17	82.699	37.182	636.84	26.382	0
"2013-06-07	19:00:00"	10.422	120.19	81.805	36.363	300.86	26.361	0
"2013-06-07	20:00:00"	10.725	139.03	80.233	37.659	122.69	26.367	0
"2013-06-07	21:00:00"	10.147	129.87	78.143	43.851	31.211	26.364	0
"2013-06-07	22:00:00"	9.1087	126.81	75.209	50.752	0.07228	26.403	0
"2013-06-07	23:00:00"	5.9161	125	73.128	56.764	0.06571	26.403	0
"2013-06-08	00:00:00"	4.8647	124.37	71.482	61.553	0.05299	26.42	0
"2013-06-08	00:00:00"	5.816	151	70.52	65.195	0	0	0
"2013-06-08	01:00:00"	5.3395	108.97	70.271	67.732	0.06762	26.435	0
"2013-06-08	02:00:00"	11.004	17.018	68.343	65.293	0.04727	26.488	0
"2013-06-08	03:00:00"	12.145	45.084	62.41	79.056	0.05829	26.441	0
"2013-06-08	04:00:00"	16.94	110.78	60.708	85.418	0.06783	26.364	0.01
"2013-06-08	05:00:00"	13.616	81.242	60.193	87.753	0.07038	26.347	0
"2013-06-08	06:00:00"	6.1534	120.73	60.584	88.386	0.0708	26.356	0
"2013-06-08	07:00:00"	2.2935	229.53	60.285	89.406	3.1557	26.367	0
"2013-06-08	08:00:00"	2.1413	211.32	62.524	84.942	129.44	26.373	0
"2013-06-08	09:00:00"	6.8972	179.36	66.527	73.316	292.15	26.373	0
"2013-06-08	10:00:00"	9.7493	191.93	68.56	68.425	493.71	26.376	0
"2013-06-08	11:00:00"	9.0559	202.21	70.995	63.099	679.29	26.364	0
"2013-06-08	12:00:00"	7.1545	210.3	74.691	55.083	841.31	26.361	0
"2013-06-08	13:00:00"	6.0963	213.02	79.499	44.678	950.45	26.332	0
"2013-06-08	14:00:00"	7.8405	187.81	84.302	33.684	1046.7	26.311	0
"2013-06-08	15:00:00"	10.327	198.64	86.853	30.274	1045.3	26.294	0
"2013-06-08	16:00:00"	8.1654	214.33	89.574	26.675	969.67	26.276	0
"2013-06-08	17:00:00"	8.409	190.31	91.117	24.182	839	26.252	0
"2013-06-08	18:00:00"	9.1609	174.56	92.337	21.699	663.26	26.232	0
"2013-06-08	19:00:00"	9.6294	175.65	92.76	20.386	432.07	26.226	0
"2013-06-08	20:00:00"	10.523	179.97	92.294	20.913	246.05	26.22	0
"2013-06-08	21:00:00"	10.397	155.1	89.355	25.48	35.721	26.226	0
"2013-06-08	22:00:00"	15.915	158.02	84.651	37.556	0.12358	26.249	0
"2013-06-08	23:00:00"	15.35	157.15	81.702	43.972	0.05745	26.296	0
"2013-06-09	00:00:00"	10.923	151.72	79.125	49.153	0.07398	26.323	0
"2013-06-09	01:00:00"	13.774	175.51	77.807	52.783	0.06868	26.299	0
"2013-06-09	02:00:00"	9.0726	179.16	76.058	58.038	0.06465	26.285	0
"2013-06-09	03:00:00"	8.6576	149.08	74.303	62.718	0.05999	26.288	0
"2013-06-09	04:00:00"	6.3796	119.17	72.824	66.235	0.04579	26.296	0
"2013-06-09	05:00:00"	9.7456	93.399	71.96	69.283	0.05872	26.308	0
"2013-06-09	06:00:00"	13.336	83.686	71.58	70.828	0.06084	26.347	0
"2013-06-09	07:00:00"	17.311	84.376	70.654	76.454	3.1301	26.364	0
"2013-06-09	08:00:00"	16.208	97.601	69.897	79.63	66.965	26.388	0
"2013-06-09	09:00:00"	17.247	108.36	71	74.387	184.61	26.409	0
"2013-06-09	10:00:00"	16.873	122.47	73.057	68.432	411.5	26.435	0
"2013-06-09	11:00:00"	13.96	140.92	78.159	53.117	675.36	26.447	0
"2013-06-09	12:00:00"	10.265	135.04	82.14	42.829	876.62	26.453	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-09	13:00:00"	10.105	119.68	85.876	33.273	986.12	26.45	0
"2013-06-09	14:00:00"	10.845	109.47	87.146	30.204	1047.4	26.45	0
"2013-06-09	15:00:00"	10.556	105.35	88.367	27.869	1039.6	26.438	0
"2013-06-09	16:00:00"	11.318	108.39	89.991	25.585	969.64	26.426	0
"2013-06-09	17:00:00"	12.133	113.44	90.786	23.774	840.62	26.418	0
"2013-06-09	18:00:00"	13.742	100.61	90.04	26.858	663.17	26.415	0
"2013-06-09	19:00:00"	12.943	95.754	89.261	27.906	454.04	26.412	0
"2013-06-09	20:00:00"	13.102	101.49	88.203	28.179	238.53	26.415	0
"2013-06-09	21:00:00"	11.415	100.06	86.14	29.784	59.354	26.435	0
"2013-06-09	22:00:00"	7.2912	113.28	82.452	30.336	0.36609	26.456	0
"2013-06-09	23:00:00"	8.1816	118.68	79.904	30.484	0.06741	26.471	0
"2013-06-10	00:00:00"	8.8875	129.47	78.504	32.273	0.06762	26.48	0
"2013-06-10	01:00:00"	9.3187	131.22	76.561	42.446	0.04685	26.477	0
"2013-06-10	02:00:00"	8.0952	143.39	74.939	49.629	0.05066	26.465	0
"2013-06-10	03:00:00"	7.147	148	73.004	54.202	0.06105	26.462	0
"2013-06-10	04:00:00"	7.0613	155.7	71.636	59.324	0.07398	26.45	0
"2013-06-10	05:00:00"	8.8235	165.81	69.164	66.371	0.05957	26.453	0
"2013-06-10	06:00:00"	3.7723	156.04	67.984	70.931	0.05681	26.456	0
"2013-06-10	07:00:00"	5.1797	157.47	67.665	74.016	4.1673	26.468	0
"2013-06-10	08:00:00"	6.5884	162.07	69.565	74.394	100.11	26.48	0
"2013-06-10	09:00:00"	10.73	170.3	73.082	69.848	288.84	26.503	0
"2013-06-10	10:00:00"	13.453	174.68	76.713	62.397	498.5	26.509	0
"2013-06-10	11:00:00"	14.087	174.16	79.956	54.751	695.79	26.509	0
"2013-06-10	12:00:00"	14.687	176.77	84.237	42.786	897.53	26.503	0
"2013-06-10	13:00:00"	14.344	182.37	88.312	29.234	1014.8	26.491	0
"2013-06-10	14:00:00"	12.353	181.02	91.32	22.114	1070.3	26.474	0
"2013-06-10	15:00:00"	9.4411	165.8	93.052	19.383	1060.2	26.462	0
"2013-06-10	16:00:00"	8.7924	145.34	94.27	18.541	985.17	26.441	0
"2013-06-10	17:00:00"	10.097	147.04	94.851	17.935	853.14	26.423	0
"2013-06-10	18:00:00"	10.397	163.58	95.356	16.844	674.45	26.412	0
"2013-06-10	19:00:00"	12.419	157.29	94.449	17.127	464.08	26.409	0
"2013-06-10	20:00:00"	11.743	148.39	93.051	18.255	243.4	26.415	0
"2013-06-10	21:00:00"	10.182	152.14	89.749	21.09	57.473	26.423	0
"2013-06-10	22:00:00"	8.1151	133.78	85.185	24.249	0.27409	26.447	0
"2013-06-10	23:00:00"	8.6252	133.51	82.333	27.471	0.05045	26.471	0
"2013-06-11	00:00:00"	8.8011	137.55	80.075	29.13	0.0602	26.477	0
"2013-06-11	01:00:00"	10.241	152.31	78.222	33.099	0.04049	26.465	0
"2013-06-11	02:00:00"	11.474	173.58	77.247	39.854	0.05109	26.471	0
"2013-06-11	03:00:00"	9.7418	178.85	75.013	46.407	0.06529	26.471	0
"2013-06-11	04:00:00"	6.2833	173.92	71.828	52.806	0.05278	26.462	0
"2013-06-11	05:00:00"	5.1189	175.95	69.182	59.109	0.08967	26.456	0
"2013-06-11	06:00:00"	6.9444	169.32	68.344	64.068	0.05511	26.462	0
"2013-06-11	07:00:00"	5.9757	158.45	67.536	68.883	4.208	26.474	0
"2013-06-11	08:00:00"	7.9635	161.28	69.169	69.331	99.784	26.483	0
"2013-06-11	09:00:00"	14.223	170.86	74.571	59.615	273.88	26.491	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-11	10:00:00"	15.877	175.79	78.409	51.072	466.66	26.503	0
"2013-06-11	11:00:00"	12.481	185.49	81.456	44.932	676.64	26.497	0
"2013-06-11	12:00:00"	12.675	191.98	84.302	38.066	834.44	26.5	0
"2013-06-11	13:00:00"	11.788	181.5	86.732	32.732	937.37	26.491	0
"2013-06-11	14:00:00"	11.17	169.44	89.021	28.261	997.19	26.474	0
"2013-06-11	15:00:00"	10.764	159.55	91.597	23.645	991.37	26.456	0
"2013-06-11	16:00:00"	11.418	151.69	93.381	20.766	925.1	26.438	0
"2013-06-11	17:00:00"	13.093	148.98	94.399	19.261	804.42	26.423	0
"2013-06-11	18:00:00"	13.215	151.98	94.461	18.714	632.57	26.406	0
"2013-06-11	19:00:00"	13.636	160.97	93.545	19.188	436.24	26.394	0
"2013-06-11	20:00:00"	14.154	159.1	91.936	20.177	234.31	26.406	0
"2013-06-11	21:00:00"	12.482	158.05	88.943	22.313	61.629	26.429	0
"2013-06-11	22:00:00"	10.281	152.69	84.834	26.395	0.32284	26.444	0
"2013-06-11	23:00:00"	11.537	153.34	82.002	32.774	0.06338	26.456	0
"2013-06-12	00:00:00"	10.984	167.38	80.01	38.694	0.05024	26.471	0
"2013-06-12	01:00:00"	10.131	173.41	77.793	43.472	0.04989	26.468	0
"2013-06-12	02:00:00"	8.8676	180	75.539	48.772	0.06677	26.462	0
"2013-06-12	03:00:00"	10.558	176.43	73.508	57.716	0.05321	26.462	0
"2013-06-12	04:00:00"	9.4349	177.08	71.249	69.021	0.06126	26.459	0
"2013-06-12	05:00:00"	10.03	167.7	69.436	72.672	0.06084	26.456	0
"2013-06-12	06:00:00"	9.5623	163.08	67.981	75.839	0.05448	26.465	0
"2013-06-12	07:00:00"	6.7506	172.39	66.524	80.272	4.4049	26.477	0
"2013-06-12	08:00:00"	7.2638	168.22	66.836	80.476	94.469	26.491	0
"2013-06-12	09:00:00"	10.904	167.43	70.52	72.872	268.22	26.5	0
"2013-06-12	10:00:00"	13.012	161.23	74.949	61.894	468.03	26.503	0
"2013-06-12	11:00:00"	13.22	171.33	78.849	52.793	655.34	26.494	0
"2013-06-12	12:00:00"	12.54	177.75	82.172	46.207	836.77	26.5	0
"2013-06-12	13:00:00"	11.919	166	85.306	39.602	963.8	26.491	0
"2013-06-12	14:00:00"	10.166	159.89	87.958	33.747	1016.8	26.485	0
"2013-06-12	15:00:00"	9.822	151.22	90.604	28.794	1002.2	26.465	0
"2013-06-12	16:00:00"	10.423	142.92	92.37	25.911	930.63	26.456	0
"2013-06-12	17:00:00"	10.91	121.82	93.223	24.686	801.3	26.435	0
"2013-06-12	18:00:00"	12.273	113.87	93.494	24.38	627.55	26.429	0
"2013-06-12	19:00:00"	11.658	129.15	92.656	25.934	429.91	26.418	0
"2013-06-12	20:00:00"	12.542	136.22	90.323	30.765	223.7	26.438	0
"2013-06-12	21:00:00"	12.03	135.73	86.613	36.613	54.116	26.456	0
"2013-06-12	22:00:00"	9.9283	139.85	82.699	41.864	0.21028	26.48	0
"2013-06-12	23:00:00"	7.7808	135.85	80.271	45.299	0.05702	26.512	0
"2013-06-13	00:00:00"	6.6543	139.18	77.895	49.352	0.05914	26.515	0
"2013-06-13	01:00:00"	5.9372	135.69	76.187	53.004	0.06169	26.512	0
"2013-06-13	02:00:00"	5.4034	134.41	74.007	57.991	0.06126	26.503	0
"2013-06-13	03:00:00"	5.2872	134.28	72.933	61.645	0.04876	26.497	0
"2013-06-13	04:00:00"	4.8765	126.34	71.625	65.069	0.06677	26.488	0
"2013-06-13	05:00:00"	5.5787	115.34	70.413	68.352	0.06105	26.494	0
"2013-06-13	06:00:00"	5.547	104.59	70.118	70.124	0.05533	26.506	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-13	07:00:00"	5.3146	92.31	68.715	73.023	3.1413	26.527	0
"2013-06-13	08:00:00"	6.9817	114.14	69.524	74.655	87.341	26.536	0
"2013-06-13	09:00:00"	12.229	145.21	71.846	73.714	174.65	26.545	0
"2013-06-13	10:00:00"	11.594	146.19	74.019	69.041	337.33	26.553	0
"2013-06-13	11:00:00"	11.92	137.53	76.847	61.541	604.73	26.55	0
"2013-06-13	12:00:00"	12.025	144.35	79.764	54.955	762.8	26.55	0
"2013-06-13	13:00:00"	11.932	142.06	82.623	48.539	855.04	26.533	0
"2013-06-13	14:00:00"	12.939	136.65	85.556	42.443	913.94	26.515	0
"2013-06-13	15:00:00"	13.037	128.2	87.736	37.802	887.1	26.485	0
"2013-06-13	16:00:00"	13.163	122.39	88.991	34.119	777.44	26.459	0
"2013-06-13	17:00:00"	12.818	123.1	90.069	31.649	666.75	26.441	0
"2013-06-13	18:00:00"	13.87	133.88	90.452	30.719	598.78	26.426	0
"2013-06-13	19:00:00"	11.666	141.17	86.625	38.448	285.48	26.415	0.01
"2013-06-13	20:00:00"	12.994	148.74	86.778	34.764	152.91	26.423	0
"2013-06-13	21:00:00"	11.619	115.31	84.081	38.686	67.228	26.438	0
"2013-06-13	22:00:00"	10.041	105.52	82.017	43.042	0.17679	26.45	0
"2013-06-13	23:00:00"	20.237	140.08	71.578	71.042	0.06932	26.503	0.01
"2013-06-14	00:00:00"	12.435	155.73	69.383	81.848	0.06508	26.491	0.06
"2013-06-14	01:00:00"	8.949	212.26	67.77	89.309	0.04727	26.48	0.01
"2013-06-14	02:00:00"	6.4654	153.21	67.682	89.888	0.07886	26.506	0
"2013-06-14	03:00:00"	7.0122	151.14	68.206	88.388	0.05215	26.48	0
"2013-06-14	04:00:00"	4.8492	166.96	67.357	90.391	0.05787	26.453	0
"2013-06-14	05:00:00"	3.8817	140.76	67.059	91.352	0.05702	26.468	0
"2013-06-14	06:00:00"	5.3475	132.19	67.392	90.763	0.05745	26.468	0
"2013-06-14	07:00:00"	4.3651	131.71	67.46	91.038	1.4985	26.474	0
"2013-06-14	08:00:00"	4.262	107.75	67.919	91.128	41.218	26.483	0
"2013-06-14	09:00:00"	5.3164	109.77	69.066	88.006	128.94	26.491	0
"2013-06-14	10:00:00"	7.8218	118.55	70.452	81.422	209.13	26.5	0
"2013-06-14	11:00:00"	8.3991	133.55	71.38	76.695	249.03	26.497	0
"2013-06-14	12:00:00"	10.538	137.54	73.377	68.464	491.46	26.494	0
"2013-06-14	13:00:00"	9.9115	110.08	72.815	70.173	458.26	26.488	0
"2013-06-14	14:00:00"	11.408	126.82	73.669	68.513	461.4	26.477	0
"2013-06-14	15:00:00"	13.449	132.62	74.097	68.166	728.82	26.453	0
"2013-06-14	16:00:00"	14.487	134.47	76.141	61.718	579.04	26.441	0
"2013-06-14	17:00:00"	12.448	136.95	78.819	53.019	772.16	26.426	0
"2013-06-14	18:00:00"	13.3	139.1	79.306	52.258	513.86	26.412	0
"2013-06-14	19:00:00"	11.32	147.6	78.738	52.143	196.96	26.397	0
"2013-06-14	20:00:00"	10.511	130.61	78.473	53.787	124.31	26.42	0
"2013-06-14	21:00:00"	9.6667	149.85	76.76	58.492	15.992	26.432	0
"2013-06-14	22:00:00"	10.947	124.83	73.578	67.492	0.21028	26.453	0
"2013-06-14	23:00:00"	11.274	136.38	72.339	68.762	0.07695	26.477	0
"2013-06-15	00:00:00"	10.778	148.87	70.057	75.33	0.07059	26.48	0
"2013-06-15	01:00:00"	7.4372	165.93	69.048	78.191	0.05935	26.518	0
"2013-06-15	02:00:00"	8.2959	165.49	67.954	84.073	0.05003	26.423	0.11
"2013-06-15	03:00:00"	8.0778	109.83	66.708	88.729	0.04642	26.453	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-15	04:00:00"	3.5238	144.2	66.559	89.847	0.07631	26.456	0
"2013-06-15	05:00:00"	2.8484	150.11	65.73	90.633	0.05533	26.447	0
"2013-06-15	06:00:00"	3.6599	144.87	65.184	91.605	0.06953	26.45	0
"2013-06-15	07:00:00"	4.7827	171.18	64.67	92.549	1.5706	26.474	0
"2013-06-15	08:00:00"	4.3626	170.23	65.659	92.547	44.754	26.488	0
"2013-06-15	09:00:00"	3.8711	149.51	66.971	90.342	148.91	26.506	0
"2013-06-15	10:00:00"	4.8206	164.88	69.741	82.515	306.68	26.509	0
"2013-06-15	11:00:00"	6.3492	142.92	72.122	73.042	562.65	26.506	0
"2013-06-15	12:00:00"	4.9505	138.92	74.994	61.449	842.7	26.509	0
"2013-06-15	13:00:00"	5.8937	125.14	77.89	53.909	979.67	26.491	0
"2013-06-15	14:00:00"	5.3314	142.53	80.594	48.533	998.75	26.471	0
"2013-06-15	15:00:00"	5.5296	140.2	83.645	41.555	990.5	26.453	0
"2013-06-15	16:00:00"	5.6893	176.06	86.387	36.044	921.97	26.423	0
"2013-06-15	17:00:00"	7.2346	140.56	88.328	33.338	798.99	26.418	0
"2013-06-15	18:00:00"	5.6352	161.86	89.506	30.894	600.76	26.403	0
"2013-06-15	19:00:00"	5.785	175	88.937	31.828	233.65	26.397	0
"2013-06-15	20:00:00"	6.7065	131.01	88.184	32.052	168.64	26.4	0
"2013-06-15	21:00:00"	7.17	123.5	86.85	34.038	77.109	26.406	0
"2013-06-15	22:00:00"	4.9983	117.2	82.154	41.591	0.58188	26.42	0
"2013-06-15	23:00:00"	7.7299	124.83	79.724	47.832	0.04748	26.447	0
"2013-06-16	00:00:00"	9.356	166.26	77.903	56.622	0.05427	26.459	0
"2013-06-16	01:00:00"	8.1288	168.88	75.057	64.816	0.08013	26.456	0
"2013-06-16	02:00:00"	8.4065	170.58	73.521	68.497	0.06126	26.45	0
"2013-06-16	03:00:00"	6.3722	175.3	71.546	74.715	0.06508	26.45	0
"2013-06-16	04:00:00"	5.4861	179.1	69.884	81.451	0.04706	26.435	0
"2013-06-16	05:00:00"	4.3359	142.78	68.135	88.582	0.05384	26.45	0
"2013-06-16	06:00:00"	3.8121	330.91	67.021	90.879	0.05681	26.494	0
"2013-06-16	07:00:00"	2.9627	98.713	67.756	91.215	2.6695	26.485	0
"2013-06-16	08:00:00"	3.3834	51.036	66.944	91.154	79.933	26.488	0
"2013-06-16	09:00:00"	7.0979	152.41	71.046	84.356	268.98	26.491	0
"2013-06-16	10:00:00"	10.044	168.6	75.55	71.449	478.42	26.497	0
"2013-06-16	11:00:00"	6.8711	168.55	79.764	59.603	672.25	26.512	0
"2013-06-16	12:00:00"	7.0588	140.41	83.142	50.399	831.44	26.506	0
"2013-06-16	13:00:00"	7.7267	162.89	85.988	43.348	943.02	26.497	0
"2013-06-16	14:00:00"	7.6789	156.38	88.779	38.005	965.19	26.488	0
"2013-06-16	15:00:00"	8.2996	136.82	90.506	34.222	953.1	26.471	0
"2013-06-16	16:00:00"	7.3974	126.48	91.677	31.881	816.63	26.447	0
"2013-06-16	17:00:00"	7.4055	110.03	92.393	29.73	476.12	26.435	0
"2013-06-16	18:00:00"	6.4306	116.08	90.937	30.845	61.589	26.412	0
"2013-06-16	19:00:00"	7.8572	139.58	90.416	30.982	30.702	26.409	0
"2013-06-16	20:00:00"	10.737	157.52	89.307	34.015	34.508	26.429	0
"2013-06-16	21:00:00"	12.665	207.95	82.288	42.985	50.675	26.429	0
"2013-06-16	22:00:00"	6.0348	214.43	79.599	48.357	1.9224	26.415	0
"2013-06-16	23:00:00"	4.5745	68.067	76.007	55.109	0.05851	26.42	0
"2013-06-17	00:00:00"	3.6698	147	75.038	57.563	0.04748	26.45	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-17	01:00:00"	3.284	188.31	74.971	57.939	0.06995	26.465	0
"2013-06-17	02:00:00"	4.3713	76.878	74.743	61.945	0.0566	26.426	0
"2013-06-17	03:00:00"	9.1876	178.64	74.755	71.697	0.06762	26.441	0
"2013-06-17	04:00:00"	13.158	257.4	74.819	67.486	0.05935	26.456	0
"2013-06-17	05:00:00"	11.765	306.03	73.656	59.691	0.04091	26.412	0
"2013-06-17	06:00:00"	5.821	21.702	75.837	45.336	0.06169	26.391	0
"2013-06-17	07:00:00"	7.9026	131.7	71.047	76.239	1.536	26.415	0
"2013-06-17	08:00:00"	5.194	206.95	69.953	86.823	68.728	26.456	0
"2013-06-17	09:00:00"	3.5014	255.76	71.557	84.566	103.48	26.48	0
"2013-06-17	10:00:00"	3.7264	177.34	73.961	76.649	280.22	26.485	0
"2013-06-17	11:00:00"	3.0472	165.23	78.62	62.834	685.99	26.483	0
"2013-06-17	12:00:00"	4.5161	104.54	83.162	49.783	825	26.485	0
"2013-06-17	13:00:00"	6.6555	119.45	86.78	43.281	936.6	26.48	0
"2013-06-17	14:00:00"	8.0809	125.15	89.105	37.729	994.22	26.462	0
"2013-06-17	15:00:00"	7.9069	129.28	91.528	33.853	940.4	26.435	0
"2013-06-17	16:00:00"	7.7727	137.24	92.888	31	868.19	26.42	0
"2013-06-17	17:00:00"	8.0269	166.24	93.888	28.168	639.49	26.394	0
"2013-06-17	18:00:00"	8.6768	143.08	92.998	27.993	261.17	26.373	0
"2013-06-17	19:00:00"	9.1896	164.58	91.983	28.368	114.04	26.35	0
"2013-06-17	20:00:00"	11.832	185.09	75.572	61.056	3.8623	26.403	0.77
"2013-06-17	21:00:00"	12.025	90.488	70.086	75.963	10.18	26.45	0
"2013-06-17	22:00:00"	3.6139	100.42	70.622	75.664	1.1538	26.435	0
"2013-06-17	23:00:00"	11.937	37.684	70.011	77.286	0.06253	26.485	0
"2013-06-18	00:00:00"	13.23	60.374	68.628	79.419	0.04642	26.491	0
"2013-06-18	01:00:00"	14.36	65.138	67.424	79.78	0.05919	26.524	0
"2013-06-18	02:00:00"	17.46	62.958	65.881	78.646	0.05787	26.53	0
"2013-06-18	03:00:00"	12.525	68.924	65.475	80.418	0.06889	26.521	0
"2013-06-18	04:00:00"	11.143	102.42	64.634	82.567	0.06275	26.5	0
"2013-06-18	05:00:00"	5.2077	128.86	64.454	86.176	0.07483	26.521	0.01
"2013-06-18	06:00:00"	2.8254	150.51	64.051	88.258	0.05766	26.512	0
"2013-06-18	07:00:00"	3.1547	216.46	64.096	88.322	0.60541	26.542	0
"2013-06-18	08:00:00"	10.076	15.075	64.639	87.443	23.747	26.577	0
"2013-06-18	09:00:00"	12.969	37.007	65.616	83.622	237.46	26.571	0
"2013-06-18	10:00:00"	11.176	39.447	68.366	75.691	471.5	26.559	0
"2013-06-18	11:00:00"	3.9122	46.222	72.324	62.944	669.72	26.559	0
"2013-06-18	12:00:00"	2.7552	107.27	76.701	52.14	830.54	26.55	0
"2013-06-18	13:00:00"	3.8165	45.17	79.975	42.769	945.08	26.533	0
"2013-06-18	14:00:00"	5.9695	142.05	82.145	39.525	1001.6	26.515	0
"2013-06-18	15:00:00"	4.7715	178.04	84.001	36.701	995.63	26.5	0
"2013-06-18	16:00:00"	6.1385	156.44	84.937	35.069	929.47	26.485	0
"2013-06-18	17:00:00"	6.9768	114.16	85.72	34.631	805.67	26.468	0
"2013-06-18	18:00:00"	8.2487	125.73	86	38.086	583.56	26.447	0
"2013-06-18	19:00:00"	9.3007	129.72	86.508	37.163	433.58	26.423	0
"2013-06-18	20:00:00"	8.9247	131.6	86.504	34.806	228.03	26.42	0
"2013-06-18	21:00:00"	8.281	121.12	85.101	37.152	61.369	26.423	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-18	22:00:00"	11.264	93.338	80.017	48.687	0.55814	26.423	0
"2013-06-18	23:00:00"	11.144	93.059	77.168	53.624	0.05469	26.426	0
"2013-06-19	00:00:00"	10.592	93.33	75.529	56.824	0.05575	26.438	0
"2013-06-19	01:00:00"	10.56	98.75	74.818	58.222	0.05808	26.432	0
"2013-06-19	02:00:00"	9.4444	106.62	73.99	59.941	0.06783	0	0
"2013-06-19	03:00:00"	9.154	119.67	72.839	62.833	0.06063	26.415	0
"2013-06-19	04:00:00"	8.652	112.07	71.873	66.701	0.05172	26.409	0
"2013-06-19	05:00:00"	7.1402	116.25	70.457	71.041	0.0513	26.403	0
"2013-06-19	06:00:00"	5.7421	110.51	69.378	75.674	0.08818	26.409	0
"2013-06-19	07:00:00"	3.9712	92.319	67.609	80.617	3.1473	26.418	0
"2013-06-19	08:00:00"	4.4503	90.418	67.896	83.313	82.02	0.02628	0
"2013-06-19	09:00:00"	10.88	154.16	72.758	79.038	241.32	26.429	0
"2013-06-19	10:00:00"	13.9	164.87	76.092	68.725	442.01	26.426	0
"2013-06-19	11:00:00"	12.407	174.26	80.15	57.325	624.88	26.42	0
"2013-06-19	12:00:00"	11.782	188.96	84.114	48.156	794.22	26.423	0
"2013-06-19	13:00:00"	11.3	176.42	87.739	41.416	913.24	26.415	0
"2013-06-19	14:00:00"	11.674	157.8	90.59	35.796	957.48	26.397	0
"2013-06-19	15:00:00"	9.7077	151.84	92.8	30.218	830.78	26.409	0.1
"2013-06-19	16:00:00"	8.3773	169.55	94.743	27.39	426.29	26.388	0
"2013-06-19	17:00:00"	8.8545	175.02	92.72	27.394	73.702	26.382	0
"2013-06-19	18:00:00"	12.103	193.79	91.581	25.263	15.302	26.409	0
"2013-06-19	19:00:00"	9.7518	200.65	83.756	33.254	19.466	26.347	0
"2013-06-19	20:00:00"	10.093	183.92	81.63	41.262	11.825	26.37	0
"2013-06-19	21:00:00"	12.644	152.94	85.1	40.023	71.262	26.406	0
"2013-06-19	22:00:00"	14.282	152.12	83.715	41.334	2.7994	26.432	0
"2013-06-19	23:00:00"	12.223	136.24	81.969	46.336	0.06253	26.485	0
"2013-06-20	00:00:00"	9.8058	118.87	80.04	50.917	0.04812	26.483	0
"2013-06-20	01:00:00"	6.9072	116.43	77.519	53.083	0.06847	26.48	0
"2013-06-20	02:00:00"	5.3202	114.17	75.506	56.488	0.04303	26.465	0
"2013-06-20	03:00:00"	4.7547	184.14	73.044	61.575	0.05745	26.488	0
"2013-06-20	04:00:00"	4.5994	186	72.72	66.184	0.0566	26.485	0
"2013-06-20	05:00:00"	3.1249	24.642	72.507	70.199	0.07123	26.459	0
"2013-06-20	06:00:00"	2.4445	130.44	71.467	71.949	0.05851	26.438	0
"2013-06-20	07:00:00"	3.6251	187.37	70.41	72.162	2.6328	26.432	0
"2013-06-20	08:00:00"	4.3477	200.84	71.16	67.68	45.936	26.444	0
"2013-06-20	09:00:00"	7.1582	198.24	75.077	57.831	261.59	26.462	0
"2013-06-20	10:00:00"	8.6706	186.89	77.589	52.507	334.92	26.483	0
"2013-06-20	11:00:00"	9.5648	181.45	82.105	46.544	679.31	26.488	0
"2013-06-20	12:00:00"	9.745	177.48	86.076	41.436	880.98	26.497	0
"2013-06-20	13:00:00"	8.6103	158.04	89.464	35.989	813.57	26.483	0
"2013-06-20	14:00:00"	14.623	167.95	92.223	28.249	870.15	26.426	0
"2013-06-20	15:00:00"	15.728	175.46	94.757	23.996	981.81	26.403	0
"2013-06-20	16:00:00"	16.224	166.95	96.18	19.959	930.74	26.388	0
"2013-06-20	17:00:00"	16.09	170.85	96.518	19.553	806.44	26.364	0
"2013-06-20	18:00:00"	16.564	171.63	94.776	20.046	335.7	26.344	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-20	19:00:00"	16.814	164.23	91.323	21.761	83.301	26.37	0
"2013-06-20	20:00:00"	13.322	168.41	88.601	24.926	9.3892	26.42	0
"2013-06-20	21:00:00"	11.121	167.28	86.757	28.992	1.9347	26.444	0
"2013-06-20	22:00:00"	10.222	176.13	84.988	32.367	0.05617	26.447	0
"2013-06-20	23:00:00"	20.086	163.78	82.876	39.633	0.05596	26.471	0
"2013-06-21	00:00:00"	22.77	178.05	80.765	49.895	0.07504	26.497	0
"2013-06-21	01:00:00"	7.7702	242.66	75.613	53.726	0.05787	26.527	0
"2013-06-21	02:00:00"	6.1584	82.317	73.692	60.024	0.05808	26.5	0
"2013-06-21	03:00:00"	5.9465	68.997	73.474	58.219	0.06105	26.48	0
"2013-06-21	04:00:00"	7.4005	126.42	72.818	62.042	0.08182	26.465	0
"2013-06-21	05:00:00"	4.6659	123.13	72.655	66.956	0.05321	26.459	0
"2013-06-21	06:00:00"	4.1166	158.07	71.667	73.177	0.06041	26.456	0
"2013-06-21	07:00:00"	4.5913	155.32	70.612	75.694	0.95688	26.462	0
"2013-06-21	08:00:00"	6.8227	160.72	71.222	75.609	75.607	26.483	0
"2013-06-21	09:00:00"	13.117	171.64	74.044	70.143	252.56	26.488	0
"2013-06-21	10:00:00"	15.651	176.35	76.228	63.874	460.9	26.491	0
"2013-06-21	11:00:00"	15.247	180.25	79.03	57.406	653.46	26.485	0
"2013-06-21	12:00:00"	13.86	180.63	82.246	51.22	819.3	26.488	0
"2013-06-21	13:00:00"	12.512	182.81	85.632	44.351	933.42	26.474	0
"2013-06-21	14:00:00"	13.894	182.64	88.859	36.771	1006.4	26.45	0
"2013-06-21	15:00:00"	12.849	184.87	90.76	32.552	801.63	26.432	0
"2013-06-21	16:00:00"	12.269	187.49	92.666	27.913	867.74	26.418	0
"2013-06-21	17:00:00"	12.176	184.19	94.374	26.094	810.96	26.397	0
"2013-06-21	18:00:00"	12.79	173.06	94.461	25.791	621.85	26.367	0
"2013-06-21	19:00:00"	12.954	165.6	94.521	25.638	433.75	26.364	0
"2013-06-21	20:00:00"	17.621	149.07	90.778	32.264	124.62	26.367	0
"2013-06-21	21:00:00"	20.157	166.15	85.639	39.751	46.846	26.379	0
"2013-06-21	22:00:00"	13.131	151.35	79.405	54.249	0.1257	26.406	0
"2013-06-21	23:00:00"	14.685	145.85	78.543	53.033	0.0407	26.432	0
"2013-06-22	00:00:00"	11.55	130.67	78.1	52.264	0.0566	26.497	0
"2013-06-22	01:00:00"	12.578	142.61	77.365	53.401	0.07101	26.483	0
"2013-06-22	02:00:00"	14.684	158.79	77.154	52.416	0.06338	26.42	0
"2013-06-22	03:00:00"	19.709	174.33	76.342	51.229	0.06126	26.4	0
"2013-06-22	04:00:00"	12.231	168.41	74.737	50.957	0.07695	26.406	0
"2013-06-22	05:00:00"	11.218	181.89	73.672	51.216	0.04791	26.4	0
"2013-06-22	06:00:00"	10.264	187.98	72.461	53.262	0.05554	26.4	0
"2013-06-22	07:00:00"	8.9266	189.89	71.481	55.656	3.2348	26.415	0
"2013-06-22	08:00:00"	9.3752	185.48	71.732	56.823	85.577	26.418	0
"2013-06-22	09:00:00"	12.368	191.67	74.153	53.874	247.26	26.432	0
"2013-06-22	10:00:00"	13.171	193.5	77.582	49.577	421.59	26.429	0
"2013-06-22	11:00:00"	12.269	195.25	81.342	45.239	600.21	26.429	0
"2013-06-22	12:00:00"	12.565	204.95	85.603	39.135	807.82	26.426	0
"2013-06-22	13:00:00"	11.275	210.5	89.28	33.082	881.57	26.42	0
"2013-06-22	14:00:00"	10.332	210.42	92.031	28.871	957.88	26.406	0
"2013-06-22	15:00:00"	8.788	208.15	94.402	25.121	982.43	26.379	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-22	16:00:00"	9.9264	174.18	96.519	21.672	917.67	26.356	0
"2013-06-22	17:00:00"	10.551	186.76	97.27	20.222	718.71	26.338	0
"2013-06-22	18:00:00"	10.488	164.38	96.908	19.524	465.28	26.32	0
"2013-06-22	19:00:00"	10.922	165.24	95.616	20.14	193.69	26.302	0
"2013-06-22	20:00:00"	16.43	164.76	93.936	27.367	193.13	26.308	0
"2013-06-22	21:00:00"	21.186	171.04	88.577	35.585	22.242	26.329	0
"2013-06-22	22:00:00"	19.806	170.09	84.284	41.007	0.30334	26.353	0
"2013-06-22	23:00:00"	17.018	173.47	81.303	43.103	0.05469	26.37	0
"2013-06-23	00:00:00"	16.045	167.28	79.231	44.49	0.0496	26.376	0
"2013-06-23	01:00:00"	13.595	168.1	77.278	45.87	0.06402	26.376	0
"2013-06-23	02:00:00"	13.486	177.47	76.116	47.796	0.06593	26.376	0
"2013-06-23	03:00:00"	12.145	178.38	75.329	46.42	0.06974	26.373	0
"2013-06-23	04:00:00"	10.121	188.64	74.322	46.05	0.07123	26.37	0
"2013-06-23	05:00:00"	10.579	179.01	73.75	45.391	0.07186	26.358	0
"2013-06-23	06:00:00"	10.499	174.03	73.56	44.763	0.04558	26.358	0
"2013-06-23	07:00:00"	7.311	183.49	72.515	46.703	1.7189	26.37	0
"2013-06-23	08:00:00"	10.054	187.41	73.404	46.235	80.322	26.376	0
"2013-06-23	09:00:00"	13.312	189.26	75.591	45.348	241.23	26.388	0
"2013-06-23	10:00:00"	13.051	194.26	78.442	44.772	471.56	26.391	0
"2013-06-23	11:00:00"	11.272	196.94	81.644	42.037	629.47	26.391	0
"2013-06-23	12:00:00"	9.5865	207.38	86.134	34.664	822	26.391	0
"2013-06-23	13:00:00"	6.6393	233.44	89.716	28.237	925.5	26.379	0
"2013-06-23	14:00:00"	6.2497	213.85	92.836	23.409	993.49	26.367	0
"2013-06-23	15:00:00"	6.2317	234.85	95.021	20.128	991.18	26.347	0
"2013-06-23	16:00:00"	5.8937	215.65	97.444	17.141	924.79	26.326	0
"2013-06-23	17:00:00"	8.9328	161.34	97.816	17.444	801.06	26.314	0
"2013-06-23	18:00:00"	11.741	167.81	98.014	17.69	637.76	26.294	0
"2013-06-23	19:00:00"	11.62	177.99	98.028	17.433	459.49	26.288	0
"2013-06-23	20:00:00"	12.859	163.84	95.847	20.289	165.96	26.299	0
"2013-06-23	21:00:00"	18.432	163.77	90.723	29.23	39.085	26.317	0
"2013-06-23	22:00:00"	17.721	162.2	86.536	34.327	0.38305	26.338	0
"2013-06-23	23:00:00"	18.186	167.41	82.864	42.192	0.05999	26.367	0
"2013-06-24	00:00:00"	14.685	170.54	79.995	46.622	0.08903	26.388	0
"2013-06-24	01:00:00"	15.261	172.65	78.219	48.016	0.04939	26.394	0
"2013-06-24	02:00:00"	15.252	174.09	77.067	48.586	0.04621	26.388	0
"2013-06-24	03:00:00"	14.172	174.22	76.19	51.141	0.05321	26.382	0
"2013-06-24	04:00:00"	13.505	173.71	75.403	52.358	0.04091	26.373	0
"2013-06-24	05:00:00"	12.385	177.22	74.448	54.324	0.05321	26.388	0
"2013-06-24	06:00:00"	10.097	174.18	73.321	57.374	0.07525	26.391	0
"2013-06-24	07:00:00"	11.141	172.25	72.348	63.536	3.73	26.409	0
"2013-06-24	08:00:00"	11.774	171.76	72.286	68.577	87.672	26.403	0
"2013-06-24	09:00:00"	15.234	167.85	74.064	66.583	263.85	26.415	0
"2013-06-24	10:00:00"	13.452	177.89	77.559	58.482	485.42	26.426	0
"2013-06-24	11:00:00"	14.106	181.01	81.009	51.11	676.26	26.426	0
"2013-06-24	12:00:00"	13.507	182.26	84.226	45.387	836.73	26.423	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-24	13:00:00"	12.107	194.93	88.061	38.285	905.27	26.42	0
"2013-06-24	14:00:00"	10.775	197.45	91.333	31.406	1000.1	26.403	0
"2013-06-24	15:00:00"	9.7474	184.69	93.54	27.247	961.76	26.382	0
"2013-06-24	16:00:00"	7.9119	178.93	95.176	23.383	890.8	26.361	0
"2013-06-24	17:00:00"	10.427	170.98	96.414	22.512	772.88	26.347	0
"2013-06-24	18:00:00"	12.314	177.49	95.357	24.613	401.54	26.326	0
"2013-06-24	19:00:00"	15.85	168.02	94.99	27.643	411.55	26.329	0
"2013-06-24	20:00:00"	18.397	166.62	91.577	33.22	229.21	26.332	0
"2013-06-24	21:00:00"	18.061	166.71	87.107	38.718	47.519	26.35	0
"2013-06-24	22:00:00"	16.579	169.09	83.521	42.74	0.28193	26.361	0
"2013-06-24	23:00:00"	13.322	167.08	80.877	46.302	0.05215	26.394	0
"2013-06-25	00:00:00"	12.857	175.51	79.311	49.636	0.06338	26.403	0
"2013-06-25	01:00:00"	12.871	174.74	78.025	53.116	0.06677	26.409	0
"2013-06-25	02:00:00"	11.114	175.67	76.492	56.753	0.05872	26.4	0
"2013-06-25	03:00:00"	10.036	176.28	75.347	59.213	0.04982	26.406	0
"2013-06-25	04:00:00"	10.368	178.07	74.742	60.757	0.06296	26.397	0
"2013-06-25	05:00:00"	11.738	177.4	74.423	59	0.05596	26.394	0
"2013-06-25	06:00:00"	11.272	184.59	74.438	55.316	0.06105	26.403	0
"2013-06-25	07:00:00"	11.466	185.2	73.548	58.12	2.1285	26.4	0
"2013-06-25	08:00:00"	11.098	193.2	73.121	61.251	78.003	26.415	0
"2013-06-25	09:00:00"	13.197	198.03	75.971	57.856	265.96	26.423	0
"2013-06-25	10:00:00"	13.259	197.97	79.767	52.399	466.81	26.423	0
"2013-06-25	11:00:00"	11.881	208.42	83.893	45.819	657.55	26.426	0
"2013-06-25	12:00:00"	9.6803	223.62	88.571	36.619	818.93	26.423	0
"2013-06-25	13:00:00"	7.8647	248.76	92.968	27.615	935.54	26.418	0
"2013-06-25	14:00:00"	5.3121	291.12	95.87	22.076	992.29	26.4	0
"2013-06-25	15:00:00"	5.1002	308.82	98.629	16.834	989.1	26.382	0
"2013-06-25	16:00:00"	5.8626	252.72	100.94	15.133	932.6	26.367	0
"2013-06-25	17:00:00"	6.2814	247.03	101.75	13.682	721.39	26.35	0
"2013-06-25	18:00:00"	8.885	198.54	101.82	14	528.46	26.332	0
"2013-06-25	19:00:00"	4.8069	218.15	100.78	14.118	298.05	26.317	0
"2013-06-25	20:00:00"	7.6683	237.65	100.85	13.373	225.35	26.323	0
"2013-06-25	21:00:00"	6.9221	233.22	98.229	15.762	47.46	26.326	0
"2013-06-25	22:00:00"	15.1	175.82	91.143	31.677	0.8193	26.358	0
"2013-06-25	23:00:00"	15.662	165.67	87.747	41.544	0.06041	26.382	0
"2013-06-26	00:00:00"	15.143	163.73	83.955	46.753	0.04982	26.391	0
"2013-06-26	01:00:00"	11.523	181.99	81.649	50.229	0.05596	26.391	0
"2013-06-26	02:00:00"	11	182.79	79.487	55.409	0.04664	26.385	0
"2013-06-26	03:00:00"	9.9742	185.41	77.677	60.13	0.06402	26.379	0
"2013-06-26	04:00:00"	8.0039	193.4	76.162	63.431	0.06465	26.385	0
"2013-06-26	05:00:00"	7.9163	186.97	74.898	65.799	0.05109	26.385	0
"2013-06-26	06:00:00"	5.4556	194.05	73.806	66.996	0.06762	26.388	0
"2013-06-26	07:00:00"	5.0319	196.48	72.218	69.881	2.6432	26.397	0
"2013-06-26	08:00:00"	6.4032	203.58	72.703	68.699	92.22	26.406	0
"2013-06-26	09:00:00"	10.33	199.08	77.905	57.489	278.19	26.415	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-26	10:00:00"	10.772	211.33	83.136	46.726	485.86	26.42	0
"2013-06-26	11:00:00"	9.31	225.92	87.682	37.129	685.29	26.423	0
"2013-06-26	12:00:00"	7.2626	241.35	92.521	27.642	848.31	26.429	0
"2013-06-26	13:00:00"	7.4724	254.22	97.505	16.541	962.39	26.423	0
"2013-06-26	14:00:00"	6.0956	250.75	100.39	11.637	1023.5	26.412	0
"2013-06-26	15:00:00"	5.4053	241.8	102.47	8.3269	1020.7	26.394	0
"2013-06-26	16:00:00"	6.2497	217.8	103.99	8.0564	944.14	26.376	0
"2013-06-26	17:00:00"	8.0082	189.69	104.67	7.4858	819.86	26.364	0
"2013-06-26	18:00:00"	7.9125	227.45	105.13	6.9742	654.7	26.356	0
"2013-06-26	19:00:00"	8.8744	228.34	104.56	7.0139	457.66	26.347	0
"2013-06-26	20:00:00"	7.8858	197.41	103.35	7.675	247.66	26.356	0
"2013-06-26	21:00:00"	4.7734	197.15	100.19	8.7256	58.794	26.364	0
"2013-06-26	22:00:00"	4.4577	170.6	92.793	11.839	0.68533	26.379	0
"2013-06-26	23:00:00"	12.748	172.82	90.866	23.904	0.06571	26.409	0
"2013-06-27	00:00:00"	17.317	178.12	89.049	37.224	0.05172	26.429	0
"2013-06-27	01:00:00"	15.275	176.67	85.463	42.621	0.04706	26.435	0
"2013-06-27	02:00:00"	13.767	191.05	82.283	47.731	0.05278	26.438	0
"2013-06-27	03:00:00"	11.095	172.02	79.859	51.738	0.05575	26.438	0
"2013-06-27	04:00:00"	9.9606	168.12	77.592	56.766	0.07186	26.438	0
"2013-06-27	05:00:00"	9.3137	166.94	76.166	61.295	0.06126	26.435	0
"2013-06-27	06:00:00"	8.9011	170.5	75.628	60.413	0.05681	26.447	0
"2013-06-27	07:00:00"	5.7191	183.99	74.128	58.744	2.3333	26.45	0
"2013-06-27	08:00:00"	7.4328	177.83	75.153	54.689	82.641	26.462	0
"2013-06-27	09:00:00"	10.832	178	79.626	49.503	263.36	26.48	0
"2013-06-27	10:00:00"	11.144	168.6	83.243	45.983	467.44	26.491	0
"2013-06-27	11:00:00"	11.326	172.28	86.477	42.017	664.54	26.497	0
"2013-06-27	12:00:00"	10.465	176.59	92.026	32.292	829.3	26.491	0
"2013-06-27	13:00:00"	10.17	163.8	97.671	20.898	943.43	26.485	0
"2013-06-27	14:00:00"	12.95	164.56	99.293	19.457	997.51	26.485	0
"2013-06-27	15:00:00"	12.132	161.44	100.63	15.187	999.35	26.468	0
"2013-06-27	16:00:00"	11.698	181.36	102.16	12.477	933.4	26.456	0
"2013-06-27	17:00:00"	11.648	146.47	102.41	12.598	817.52	26.447	0
"2013-06-27	18:00:00"	11.79	139.32	102.3	12.442	625.67	26.441	0
"2013-06-27	19:00:00"	10.935	132.87	101.45	12.503	440.93	26.441	0
"2013-06-27	20:00:00"	11.996	151.49	99.667	14.021	232.44	26.444	0
"2013-06-27	21:00:00"	11.628	149.74	96.267	16.205	54.207	26.456	0
"2013-06-27	22:00:00"	8.1194	158.88	91.84	20.278	0.46487	26.474	0
"2013-06-27	23:00:00"	6.7114	166.24	88.15	24.036	0.05575	26.506	0
"2013-06-28	00:00:00"	7.1787	174.22	85.809	27.111	0.06465	26.515	0
"2013-06-28	01:00:00"	8.4606	178.87	83.259	29.489	0.04409	26.512	0
"2013-06-28	02:00:00"	9.2354	182.69	81.269	31.022	0.05172	26.518	0
"2013-06-28	03:00:00"	5.5892	188.88	78.124	35.283	0.06041	26.524	0
"2013-06-28	04:00:00"	4.3142	191.25	75.248	39.31	0.05363	26.53	0
"2013-06-28	05:00:00"	5.1338	136.29	74.671	41.141	0.05893	26.601	0
"2013-06-28	06:00:00"	2.575	338.06	76.035	38.93	0.0655	26.562	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-28	07:00:00"	1.9393	118.03	73.301	43.326	0.56917	26.565	0
"2013-06-28	08:00:00"	2.5849	275.69	72.739	45.939	35.44	26.559	0
"2013-06-28	09:00:00"	4.9231	216.09	75.548	44.041	144.69	26.565	0
"2013-06-28	10:00:00"	9.0242	215.75	80.103	39.518	231.5	26.577	0
"2013-06-28	11:00:00"	7.0432	238.64	83.985	32.949	469.5	26.589	0
"2013-06-28	12:00:00"	6.1864	259.34	87.802	27.125	682.27	26.586	0
"2013-06-28	13:00:00"	4.6298	339.66	91.372	23.819	889.42	26.577	0
"2013-06-28	14:00:00"	3.855	106.66	93.937	21.371	936.01	26.553	0
"2013-06-28	15:00:00"	7.1719	57.49	96.366	19.646	895.6	26.533	0
"2013-06-28	16:00:00"	8.9018	54.734	97.085	18.295	836.12	26.509	0
"2013-06-28	17:00:00"	9.2534	37.804	98.374	17.018	781.56	26.483	0
"2013-06-28	18:00:00"	9.9581	75.463	98.922	17.163	602.04	26.468	0
"2013-06-28	19:00:00"	10.268	60.39	98.644	17.231	405.48	26.453	0
"2013-06-28	20:00:00"	8.6122	85.589	97.978	17.156	235.69	26.45	0
"2013-06-28	21:00:00"	7.9654	100.5	95.814	18.784	52.775	26.462	0
"2013-06-28	22:00:00"	5.8825	98.246	91.026	22.212	0.46	26.474	0
"2013-06-28	23:00:00"	5.6079	96.292	87.045	25.812	0.05321	26.494	0
"2013-06-29	00:00:00"	5.1052	83.72	83.436	29.658	0.04261	26.491	0
"2013-06-29	01:00:00"	5.9111	96.834	82.209	32.164	0.07462	26.485	0
"2013-06-29	02:00:00"	6.5983	109.87	81.574	34.532	0.06169	26.48	0
"2013-06-29	03:00:00"	6.1248	113.83	79.961	37.184	0.06211	26.477	0
"2013-06-29	04:00:00"	4.751	124.5	78.595	38.84	0.06169	26.48	0
"2013-06-29	05:00:00"	5.3202	103.09	77.962	39.975	0.05278	26.485	0
"2013-06-29	06:00:00"	7.0184	102.15	77.908	40.417	0.04812	26.494	0
"2013-06-29	07:00:00"	6.8891	67.74	73.911	45.615	1.1385	26.503	0
"2013-06-29	08:00:00"	7.4509	64.4	72.965	49.467	73.824	26.506	0
"2013-06-29	09:00:00"	8.4649	96.17	79.39	42.429	239.22	26.512	0
"2013-06-29	10:00:00"	7.8771	149.43	84.564	36.479	458.92	26.506	0
"2013-06-29	11:00:00"	5.5669	188.78	90.121	28.961	642.07	26.506	0
"2013-06-29	12:00:00"	5.0797	226.55	94.464	22.79	759	26.512	0
"2013-06-29	13:00:00"	17.443	86.23	89.619	30.962	671.42	26.506	0
"2013-06-29	14:00:00"	17.331	99.973	91.333	31.007	955.97	26.48	0
"2013-06-29	15:00:00"	12.239	124.07	95.092	24.721	935.33	26.462	0
"2013-06-29	16:00:00"	10.693	171.96	97.035	22.712	887.11	26.435	0
"2013-06-29	17:00:00"	10.827	210.27	97.886	21.118	791.95	26.415	0
"2013-06-29	18:00:00"	9.0956	209.76	98.082	19.224	514.16	26.397	0
"2013-06-29	19:00:00"	7.39	237.07	96.209	19.638	126.79	26.382	0
"2013-06-29	20:00:00"	10.531	238.69	95.26	20.612	134.88	26.37	0
"2013-06-29	21:00:00"	9.5275	228.19	93.314	21.253	52.065	26.385	0
"2013-06-29	22:00:00"	3.9842	252.47	89.718	23.332	0.18209	26.412	0
"2013-06-29	23:00:00"	12.009	72.118	85.413	29.013	0.03604	26.483	0
"2013-06-30	00:00:00"	16.213	14.237	78.927	43.398	0.06232	26.539	0
"2013-06-30	01:00:00"	22.857	50.652	73.068	53.608	0.05914	26.491	0
"2013-06-30	02:00:00"	19.622	39.723	72.639	50.871	0.05872	26.468	0
"2013-06-30	03:00:00"	14.864	32.875	75.721	42.472	0.05787	26.471	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-06-30	04:00:00"	14.74	45.115	73.33	50.878	0.0619	26.497	0
"2013-06-30	05:00:00"	13.338	54.769	71.006	62.228	0.05363	26.465	0
"2013-06-30	06:00:00"	8.061	86.456	71.166	63.221	0.05215	26.48	0
"2013-06-30	07:00:00"	6.0385	79.099	70.887	60.404	0.2425	26.465	0
"2013-06-30	08:00:00"	6.1578	359.59	70.744	60.106	23.134	26.506	0
"2013-06-30	09:00:00"	7.4589	334.03	72.463	56.801	153.76	26.533	0
"2013-06-30	10:00:00"	5.6737	37.066	77.043	46.361	488.33	26.547	0
"2013-06-30	11:00:00"	9.0683	59.914	78.468	45.801	669.96	26.55	0
"2013-06-30	12:00:00"	8.5712	83.936	79.934	43.493	803.89	26.545	0
"2013-06-30	13:00:00"	6.0497	120.39	81.018	42.107	948.06	26.533	0
"2013-06-30	14:00:00"	6.7692	87.391	84.014	35.871	1007.7	26.515	0
"2013-06-30	15:00:00"	5.6035	86.007	86.549	30.623	1009.6	26.491	0
"2013-06-30	16:00:00"	6.7319	93.168	88.615	27.696	953.67	26.477	0
"2013-06-30	17:00:00"	9.5915	83.857	89.945	25.729	833.91	26.462	0
"2013-06-30	18:00:00"	9.9009	75.426	89.77	25.464	667.29	26.447	0
"2013-06-30	19:00:00"	10.33	80.893	89.65	26.228	463.54	26.426	0
"2013-06-30	20:00:00"	10.202	96.754	88.63	28.514	214.14	26.426	0
"2013-06-30	21:00:00"	10.872	96.256	86.187	32.486	51.833	26.45	0
"2013-06-30	22:00:00"	8.2897	98.165	83.59	35.561	0.22533	26.477	0
"2013-06-30	23:00:00"	8.7004	104.48	81.533	37.71	0.06614	26.494	0
"2013-07-01	00:00:00"	7.3788	90.254	79.426	41.47	0.05787	26.515	0
"2013-07-01	01:00:00"	6.7673	85.255	77.902	45.627	0.0602	26.509	0
"2013-07-01	02:00:00"	8.4264	84.476	76.652	49.756	0.06126	26.518	0
"2013-07-01	03:00:00"	8.8607	74.597	76.309	50.008	0.06084	26.524	0
"2013-07-01	04:00:00"	22.411	18.297	70.097	67.454	0.05278	26.553	0
"2013-07-01	05:00:00"	18.275	27.101	64.857	85.058	0.05511	26.586	0.04
"2013-07-01	06:00:00"	6.2261	65.852	63.994	87.77	0.03858	26.604	0.04
"2013-07-01	07:00:00"	11.163	60.005	64.189	89.667	0.24038	26.595	0.01
"2013-07-01	08:00:00"	11.795	49.849	64.406	87.924	14.642	26.612	0
"2013-07-01	09:00:00"	8.7445	48.063	65.003	86.402	54.715	26.618	0.01
"2013-07-01	10:00:00"	8.9589	55.399	65.901	82.168	94.921	26.615	0
"2013-07-01	11:00:00"	9.6362	71.501	67.4	73.528	126.33	26.624	0
"2013-07-01	12:00:00"	8.6805	87.739	68.269	68.944	169.61	26.642	0
"2013-07-01	13:00:00"	6.5374	118.72	70.733	61.841	644.02	26.642	0
"2013-07-01	14:00:00"	6.1454	167.39	71.248	59.772	305.92	26.633	0
"2013-07-01	15:00:00"	6.2976	189.04	71.194	60.636	380.5	26.618	0
"2013-07-01	16:00:00"	5.6464	192.23	74.109	49.203	857.08	26.598	0
"2013-07-01	17:00:00"	6.4212	172.7	75.862	45.814	728.81	26.586	0
"2013-07-01	18:00:00"	6.571	162.33	76.85	43.087	656.57	26.568	0
"2013-07-01	19:00:00"	6.1199	139.26	77.04	43.744	452.35	26.559	0
"2013-07-01	20:00:00"	4.6674	141.37	76.932	43.716	237.3	26.559	0
"2013-07-01	21:00:00"	4.1023	135.41	74.916	47.595	37.737	26.577	0
"2013-07-01	22:00:00"	2.4302	157.64	72.192	54.579	0.22173	26.592	0
"2013-07-01	23:00:00"	1.7243	162.4	71.04	58.879	0.06974	26.612	0
"2013-07-02	00:00:00"	4.1532	196.05	71.453	59.422	0.06741	26.604	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-02	01:00:00"	3.6182	227.03	70.093	62.76	0.07546	26.618	0
"2013-07-02	02:00:00"	4.3477	266.08	68.91	69.531	0.06847	26.615	0
"2013-07-02	03:00:00"	5.2555	291.08	68.889	70.29	0.05321	26.618	0
"2013-07-02	04:00:00"	3.8171	354.77	69.067	69.506	0.06105	26.618	0
"2013-07-02	05:00:00"	6.8674	324.05	67.724	75.967	0.06571	26.612	0.08
"2013-07-02	06:00:00"	4.9977	314.92	65.99	83.322	0.07525	26.609	0
"2013-07-02	07:00:00"	4.203	30.562	64.008	87.715	2.0409	26.618	0
"2013-07-02	08:00:00"	6.8289	48.501	62.883	73.513	73.44	26.633	0
"2013-07-02	09:00:00"	9.0142	74.334	66.376	55.815	238.31	26.642	0
"2013-07-02	10:00:00"	9.804	99.725	70.299	47.061	412.19	26.651	0
"2013-07-02	11:00:00"	8.8334	93.889	71.583	45.012	195.9	26.66	0
"2013-07-02	12:00:00"	11.29	87.411	71.375	44.884	581.94	26.66	0
"2013-07-02	13:00:00"	8.4997	103.64	73.591	40.553	698.38	26.648	0
"2013-07-02	14:00:00"	5.9956	97.927	75.13	35.677	322.53	26.63	0
"2013-07-02	15:00:00"	5.2108	105.51	78.097	31.193	908.37	26.609	0
"2013-07-02	16:00:00"	6.7344	114.43	79.891	28.966	810.29	26.583	0
"2013-07-02	17:00:00"	7.1458	113.36	81.114	27.289	695.12	26.556	0
"2013-07-02	18:00:00"	8.6464	108.71	81.944	25.511	610.58	26.539	0
"2013-07-02	19:00:00"	8.583	138.43	81	28.634	337.08	26.53	0
"2013-07-02	20:00:00"	7.229	148.15	79.606	30.268	112.29	26.545	0
"2013-07-02	21:00:00"	6.2827	157.69	78.315	33.46	43.47	26.55	0
"2013-07-02	22:00:00"	2.9304	152.7	74.93	42.169	0.19099	26.553	0
"2013-07-02	23:00:00"	3.4207	166.84	71.503	49.24	0.06614	26.571	0
"2013-07-03	00:00:00"	2.949	145.4	70.005	53.324	0.05278	26.583	0
"2013-07-03	01:00:00"	3.9221	93.023	67.617	57.965	0.07186	26.577	0
"2013-07-03	02:00:00"	5.1648	80.696	64.734	64.199	0.08331	26.571	0
"2013-07-03	03:00:00"	4.7069	100.6	65.107	61.361	0.05215	26.571	0
"2013-07-03	04:00:00"	4.723	127.18	66.027	52.063	0.06253	26.562	0
"2013-07-03	05:00:00"	4.6976	143.76	64.789	51.389	0.0672	26.542	0
"2013-07-03	06:00:00"	4.367	124.19	63.651	52.246	0.0655	26.545	0
"2013-07-03	07:00:00"	4.4695	92.952	61.831	55.776	1.6655	26.542	0
"2013-07-03	08:00:00"	4.6124	77.782	61.558	58.312	79.112	26.553	0
"2013-07-03	09:00:00"	7.3738	137.56	69.094	41.059	269.83	26.562	0
"2013-07-03	10:00:00"	12.432	173.23	74.087	32.059	518.59	26.568	0
"2013-07-03	11:00:00"	13.763	184.64	77.655	27.789	690.93	26.562	0
"2013-07-03	12:00:00"	14.106	191.92	79.921	26.089	830.05	26.547	0
"2013-07-03	13:00:00"	13.223	189.8	81.788	25.429	946.01	26.533	0
"2013-07-03	14:00:00"	12.409	179.9	83.436	24.15	986.42	26.512	0
"2013-07-03	15:00:00"	11.09	179.94	84.164	22.537	750.8	26.494	0
"2013-07-03	16:00:00"	11.862	168.77	85.591	20.631	793.58	26.474	0
"2013-07-03	17:00:00"	11.527	162.49	86.157	19.809	746.78	26.45	0
"2013-07-03	18:00:00"	12.134	156.44	86.245	19.139	476.05	26.429	0
"2013-07-03	19:00:00"	11.989	155.47	86.086	18.794	346.09	26.423	0
"2013-07-03	20:00:00"	8.7638	158.58	84.524	19.555	100.41	26.42	0
"2013-07-03	21:00:00"	8.4158	158	82.567	20.501	27.721	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-03	22:00:00"	6.9618	152.35	78.909	23.21	0.25077	26.435	0
"2013-07-03	23:00:00"	5.3189	141.82	76.282	26.462	0.07462	26.459	0
"2013-07-04	00:00:00"	6.0938	106.52	75.742	28.732	0.04982	26.453	0
"2013-07-04	01:00:00"	6.1006	135.96	75.038	29.376	0.05405	26.456	0
"2013-07-04	02:00:00"	5.3593	156.78	71.346	33.252	0.0655	26.435	0
"2013-07-04	03:00:00"	7.4123	173.39	70.522	34.733	0.04876	26.429	0
"2013-07-04	04:00:00"	6.9941	175.05	68.732	38.214	0.04558	26.415	0
"2013-07-04	05:00:00"	7.4664	174.11	67.426	41.676	0.07356	26.415	0
"2013-07-04	06:00:00"	8.5128	174.58	67.356	43.596	0.06444	26.415	0
"2013-07-04	07:00:00"	8.7508	178.94	66.847	45.766	0.61368	26.418	0
"2013-07-04	08:00:00"	8.2089	114.34	66.435	47.833	18.778	26.465	0
"2013-07-04	09:00:00"	12.084	86.048	68.836	49.381	150.54	26.474	0
"2013-07-04	10:00:00"	15.378	104.78	70.38	50.949	385.91	26.465	0
"2013-07-04	11:00:00"	17.795	128.57	72.284	45.122	458.04	26.45	0
"2013-07-04	12:00:00"	18.206	142.05	74.353	39.55	459.15	26.447	0
"2013-07-04	13:00:00"	18.707	147.51	77.074	36.73	776.7	26.459	0
"2013-07-04	14:00:00"	21.716	158.09	81.353	30.907	956.84	26.438	0
"2013-07-04	15:00:00"	17.836	166.25	84.76	27.219	1032.2	26.426	0
"2013-07-04	16:00:00"	15.419	156.6	85.157	28.561	822.78	26.412	0
"2013-07-04	17:00:00"	13.181	152.68	85.807	28.532	844.98	26.403	0
"2013-07-04	18:00:00"	10.721	140.5	83.907	29.975	344.49	26.388	0
"2013-07-04	19:00:00"	10.908	152.71	84.474	28.808	453.64	26.382	0
"2013-07-04	20:00:00"	9.3709	152.59	83.802	28.882	219.21	26.382	0
"2013-07-04	21:00:00"	6.973	137.85	82.291	30.259	59.255	26.391	0
"2013-07-04	22:00:00"	4.9772	121.49	77.537	37.375	0.35316	26.409	0
"2013-07-04	23:00:00"	6.7406	121.47	74.362	45.066	0.09581	26.426	0
"2013-07-05	00:00:00"	6.1379	120.96	71.965	49.181	0.05617	26.429	0
"2013-07-05	01:00:00"	6.3405	125.56	70.727	51.871	0.06932	26.423	0
"2013-07-05	02:00:00"	6.8251	129.89	70.446	51.672	0.05639	26.429	0
"2013-07-05	03:00:00"	6.6797	134.61	69.601	52.584	0.04854	26.423	0
"2013-07-05	04:00:00"	5.2966	137.6	68.471	54.323	0.06868	0.13584	0
"2013-07-05	05:00:00"	5.2798	133.18	67.45	53.337	0.06253	26.418	0
"2013-07-05	06:00:00"	4.5248	111.88	66.027	54.561	0.06147	26.415	0
"2013-07-05	07:00:00"	5.0312	112.51	64.374	59.399	1.8298	26.42	0
"2013-07-05	08:00:00"	6.5896	125.65	65.211	59.917	78.969	26.435	0
"2013-07-05	09:00:00"	9.7481	164.42	69.982	53.131	232.72	26.444	0
"2013-07-05	10:00:00"	14.392	175.75	76.368	43.831	453.03	26.441	0
"2013-07-05	11:00:00"	13.2	178.71	80.22	38.881	658.99	26.453	0
"2013-07-05	12:00:00"	13.488	168.63	83.576	34.61	847.24	26.438	0
"2013-07-05	13:00:00"	14.379	166.38	86.485	31.678	940.3	26.432	0
"2013-07-05	14:00:00"	14.962	171.24	89.203	28.396	998.33	26.409	0
"2013-07-05	15:00:00"	16.012	173.52	90.866	24.83	999.45	26.385	0
"2013-07-05	16:00:00"	13.89	171.09	92.52	22.79	934.19	26.364	0
"2013-07-05	17:00:00"	14.209	159.13	93.387	21.682	807.42	26.35	0
"2013-07-05	18:00:00"	12.379	162.78	93.354	20.846	637.6	26.332	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-05	19:00:00"	12.472	156.43	93.284	21	438.97	26.323	0
"2013-07-05	20:00:00"	14.484	143.96	91.479	23.168	231.18	26.326	0
"2013-07-05	21:00:00"	13.301	143.7	88.565	26.258	47.924	26.341	0
"2013-07-05	22:00:00"	8.8042	141.92	85.041	29.971	0.21452	26.361	0
"2013-07-05	23:00:00"	10.927	145.51	82.766	33.115	0.0761	26.382	0
"2013-07-06	00:00:00"	11.599	158.3	80.77	35.394	0.05511	26.394	0
"2013-07-06	01:00:00"	12.224	166.26	78.635	37.015	0.06063	26.403	0
"2013-07-06	02:00:00"	14.423	173.61	77.635	36.799	0.05893	26.403	0
"2013-07-06	03:00:00"	13.765	177.46	76.289	38.724	0.06805	26.4	0
"2013-07-06	04:00:00"	13.038	175.26	75.387	41.057	0.06889	26.403	0
"2013-07-06	05:00:00"	12.882	171.94	74.287	41.854	0.07419	26.391	0
"2013-07-06	06:00:00"	13.163	168.02	73.521	43.443	0.10493	26.391	0
"2013-07-06	07:00:00"	13.394	166.41	72.568	46.512	0.66604	26.403	0
"2013-07-06	08:00:00"	11.434	172.64	72.276	50.086	23.473	26.418	0
"2013-07-06	09:00:00"	13.094	161.22	73.208	51.575	174.5	26.423	0
"2013-07-06	10:00:00"	15.988	168.28	76.35	47.248	473.51	26.418	0
"2013-07-06	11:00:00"	17.582	169.02	80.108	41.896	651.61	26.406	0
"2013-07-06	12:00:00"	15.424	170.86	83.602	38.113	812.94	26.4	0
"2013-07-06	13:00:00"	14.428	163.23	86.959	33.245	928.88	26.391	0
"2013-07-06	14:00:00"	13.803	160.4	89.917	29.606	985.3	26.373	0
"2013-07-06	15:00:00"	14.524	152.31	91.665	27.598	981.08	26.367	0
"2013-07-06	16:00:00"	14.038	157.37	92.991	23.788	918.44	26.353	0
"2013-07-06	17:00:00"	14.736	154.14	94.025	21.485	800.4	26.338	0
"2013-07-06	18:00:00"	14.999	151.98	94.136	20.426	633.67	26.326	0
"2013-07-06	19:00:00"	15.48	150.49	93.191	21.183	437.88	26.329	0
"2013-07-06	20:00:00"	15.77	146.12	91.513	23.083	227.37	26.335	0
"2013-07-06	21:00:00"	13.228	146.55	88.83	24.622	49.871	26.358	0
"2013-07-06	22:00:00"	9.6549	145.3	85.345	28.631	0.21452	26.382	0
"2013-07-06	23:00:00"	10.295	146.69	82.729	29.046	0.0655	26.403	0
"2013-07-07	00:00:00"	9.4877	150.06	80.234	29.77	0.04282	26.423	0
"2013-07-07	01:00:00"	7.001	157.44	77.043	32.52	0.05872	26.42	0
"2013-07-07	02:00:00"	7.7988	165.79	75.463	34.496	0.04621	26.415	0
"2013-07-07	03:00:00"	9.4597	173.16	75.816	37.216	0.06508	26.426	0
"2013-07-07	04:00:00"	8.2605	169.95	75.135	40.513	0.05893	26.423	0
"2013-07-07	05:00:00"	6.2261	153.59	73.516	44.472	0.05723	26.423	0
"2013-07-07	06:00:00"	5.0051	130.07	71.318	48.59	0.0655	26.432	0
"2013-07-07	07:00:00"	4.728	109.41	70.302	51.422	0.89243	26.456	0
"2013-07-07	08:00:00"	4.2844	157.68	70.376	53.31	65.528	26.483	0
"2013-07-07	09:00:00"	8.8545	168.44	74.021	55.226	345.13	26.503	0
"2013-07-07	10:00:00"	16.056	160.78	77.414	55.12	474.02	26.509	0
"2013-07-07	11:00:00"	15.914	165.47	79.277	49.646	613.03	26.494	0
"2013-07-07	12:00:00"	13.908	164.98	81.729	43.943	748.49	26.488	0
"2013-07-07	13:00:00"	14.042	150.65	84.27	35.768	766.2	26.477	0
"2013-07-07	14:00:00"	13.899	147.91	85.997	31.396	701.79	26.465	0
"2013-07-07	15:00:00"	13.508	145.47	88.608	26.349	892.4	26.456	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-07	16:00:00"	13.85	150.24	89.909	27.146	966.55	26.45	0
"2013-07-07	17:00:00"	13.845	142.67	90.592	24.796	780.21	26.441	0
"2013-07-07	18:00:00"	12.615	137.16	90.866	24.254	653.02	26.426	0
"2013-07-07	19:00:00"	12.788	144.15	90.541	24.592	402.18	26.418	0
"2013-07-07	20:00:00"	12.071	145.09	88.923	26.141	155.88	26.435	0
"2013-07-07	21:00:00"	10.722	138.74	87.123	27.131	34.011	26.447	0
"2013-07-07	22:00:00"	6.7151	128.65	84.158	29.511	0.23636	26.474	0
"2013-07-07	23:00:00"	5.3693	117.15	80.541	33.499	0.04791	26.485	0
"2013-07-08	00:00:00"	5.9863	132.31	78.44	36.063	0.07716	26.494	0
"2013-07-08	01:00:00"	5.2357	144.38	77.459	37.527	0.08416	26.5	0
"2013-07-08	02:00:00"	4.7585	163.33	75.627	41.577	0.05384	26.494	0
"2013-07-08	03:00:00"	4.147	155.72	73.657	45.269	0.07207	26.494	0
"2013-07-08	04:00:00"	3.6673	164.3	72.875	47.854	0.05257	26.506	0
"2013-07-08	05:00:00"	3.0497	166.5	72.22	50.825	0.07525	26.515	0
"2013-07-08	06:00:00"	3.2933	149.61	71.346	54.748	0.05723	26.53	0
"2013-07-08	07:00:00"	3.3486	128.6	70.451	60.077	1.6607	26.542	0
"2013-07-08	08:00:00"	4.3092	100.75	70.383	62.539	80.712	26.556	0
"2013-07-08	09:00:00"	10.388	163.9	74.841	63.49	255.26	26.577	0
"2013-07-08	10:00:00"	12.953	179.17	78.04	57.997	459.93	26.58	0
"2013-07-08	11:00:00"	12.942	170.06	81.054	50.222	662.83	26.589	0
"2013-07-08	12:00:00"	12.074	174.82	83.547	43.953	789.32	26.583	0
"2013-07-08	13:00:00"	10.849	169.93	85.83	38.505	913.86	26.58	0
"2013-07-08	14:00:00"	10.076	163.81	87.469	34.973	917.24	26.565	0
"2013-07-08	15:00:00"	10.538	159.37	89.248	31.788	1029.7	26.542	0
"2013-07-08	16:00:00"	10.425	154.2	90.598	29.441	973.19	26.527	0
"2013-07-08	17:00:00"	11.279	164.28	91.622	26.849	811.91	26.506	0
"2013-07-08	18:00:00"	10.73	160.49	91.662	26.601	671.23	26.497	0
"2013-07-08	19:00:00"	10.422	163.5	91.059	27.665	411.7	26.485	0
"2013-07-08	20:00:00"	11.315	145.66	90.123	29.681	226.87	26.491	0
"2013-07-08	21:00:00"	11.378	149.83	87.555	33.532	48.132	26.506	0
"2013-07-08	22:00:00"	11.563	158.91	84.268	37.675	0.34362	26.536	0
"2013-07-08	23:00:00"	8.532	167.56	81.593	41.728	0.06126	26.568	0
"2013-07-09	00:00:00"	6.9413	173.6	79.215	45.692	0.05299	26.574	0
"2013-07-09	01:00:00"	7.2222	178.41	77.48	49.539	0.07101	26.583	0
"2013-07-09	02:00:00"	9.9382	177.01	76.401	53.074	0.08246	26.589	0
"2013-07-09	03:00:00"	7.9759	179.78	74.468	58.617	0.05533	0.26577	0
"2013-07-09	04:00:00"	10.157	181.72	73.413	60.454	0.06868	26.577	0
"2013-07-09	05:00:00"	6.9047	176.8	71.761	61.574	0.05215	26.574	0
"2013-07-09	06:00:00"	4.5938	176.69	70.21	63.968	0.05236	26.574	0
"2013-07-09	07:00:00"	4.9343	161.03	69.307	66.514	1.6159	26.586	0
"2013-07-09	08:00:00"	5.9509	152.68	69.677	68.388	78.697	26.592	0
"2013-07-09	09:00:00"	11.955	160.02	72.702	64.548	256.65	26.604	0
"2013-07-09	10:00:00"	13.991	174.3	75.322	58.486	460.19	26.607	0
"2013-07-09	11:00:00"	12.645	179.59	77.96	52.867	636.19	26.601	0
"2013-07-09	12:00:00"	9.8525	169.7	80.723	46.982	779.5	26.601	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-09	13:00:00"	9.4796	168.25	83.416	42.195	925.51	26.589	0
"2013-07-09	14:00:00"	9.827	163.55	85.938	38.044	977.42	26.574	0
"2013-07-09	15:00:00"	11.179	157.77	87.994	35.479	1001.3	26.559	0
"2013-07-09	16:00:00"	11.029	153.17	88.746	35.251	922.58	26.545	0
"2013-07-09	17:00:00"	10.256	142.06	89.419	33.924	733.6	26.521	0
"2013-07-09	18:00:00"	11.243	140.24	89.901	33.227	605.08	26.506	0
"2013-07-09	19:00:00"	10.448	137.14	89.343	33.518	362.24	26.491	0
"2013-07-09	20:00:00"	11.487	146.07	89.156	33.612	237.01	26.497	0
"2013-07-09	21:00:00"	13.291	145.28	86.584	36.37	58.99	26.503	0
"2013-07-09	22:00:00"	11.943	147.68	83.798	41.119	0.31627	26.524	0
"2013-07-09	23:00:00"	10.004	150.83	81.514	45.542	0.04706	26.545	0
"2013-07-10	00:00:00"	7.2178	152.8	79.727	48.956	0.06147	26.562	0
"2013-07-10	01:00:00"	7.966	152.4	78.555	51.566	0.04791	26.574	0
"2013-07-10	02:00:00"	6.9618	156.5	76.724	55.13	0.05299	26.559	0
"2013-07-10	03:00:00"	4.9492	138.86	74.506	59.294	0.0424	26.553	0
"2013-07-10	04:00:00"	4.7485	123.33	73.094	61.092	0.05511	26.55	0
"2013-07-10	05:00:00"	4.7566	105.67	72.026	61.811	0.07483	26.55	0
"2013-07-10	06:00:00"	4.6143	59.822	69.46	66.534	0.06296	26.553	0
"2013-07-10	07:00:00"	4.6131	91.275	68.536	68.825	0.89159	26.556	0
"2013-07-10	08:00:00"	5.8216	115.11	70.607	65.469	71.864	26.568	0
"2013-07-10	09:00:00"	10.198	158.1	75.096	56.517	252.38	26.574	0
"2013-07-10	10:00:00"	11.65	177.54	79.144	50.276	460.59	26.577	0
"2013-07-10	11:00:00"	9.9767	184.53	82.318	45.951	655.99	26.58	0
"2013-07-10	12:00:00"	7.6683	188.97	85.443	40.874	833.67	26.577	0
"2013-07-10	13:00:00"	5.57	186.72	87.464	37.026	912.59	26.562	0
"2013-07-10	14:00:00"	6.9923	184.43	89.875	33.37	980.11	26.539	0
"2013-07-10	15:00:00"	7.7156	188.51	91.8	30.314	927.26	26.524	0
"2013-07-10	16:00:00"	8.4687	174.29	93.172	28.947	1025.8	26.509	0
"2013-07-10	17:00:00"	8.9981	175.76	93.151	29.171	610.52	26.488	0
"2013-07-10	18:00:00"	8.8284	163.56	93.216	28.449	496.51	26.468	0
"2013-07-10	19:00:00"	10.822	147.38	93.001	28.669	288.46	26.447	0
"2013-07-10	20:00:00"	11.681	149.55	92.089	29.396	161.15	26.447	0
"2013-07-10	21:00:00"	10.572	150.62	90.973	29.454	77.329	26.453	0
"2013-07-10	22:00:00"	8.8266	151.56	87.826	32.554	0.26179	26.474	0
"2013-07-10	23:00:00"	8.2642	153.34	85.191	35.2	0.06169	26.494	0
"2013-07-11	00:00:00"	7.7901	149.91	82.813	37.28	0.07525	26.512	0
"2013-07-11	01:00:00"	7.956	166.24	80.843	38.383	0.06529	26.521	0
"2013-07-11	02:00:00"	9.7189	177.3	79.918	40.254	0.05681	26.53	0
"2013-07-11	03:00:00"	8.0082	182.82	77.975	43.306	0.06465	26.518	0
"2013-07-11	04:00:00"	7.8224	184.21	76.227	47.059	0.05427	26.512	0
"2013-07-11	05:00:00"	8.3922	179.06	74.815	51.531	0.06571	26.509	0
"2013-07-11	06:00:00"	8.2232	177.72	74.277	53.903	0.07334	26.518	0
"2013-07-11	07:00:00"	8.611	175.2	74.051	54.791	1.3457	26.518	0
"2013-07-11	08:00:00"	8.6712	168.55	74.905	54.05	83.458	26.524	0
"2013-07-11	09:00:00"	11.188	182.48	78.348	48.931	241.11	26.539	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-11	10:00:00"	11.772	192.35	81.275	44.548	397.28	26.536	0
"2013-07-11	11:00:00"	9.7332	190.36	84.572	39.096	664.26	26.53	0
"2013-07-11	12:00:00"	8.8987	189.88	88.032	30.674	768.67	26.524	0
"2013-07-11	13:00:00"	8.7762	179.15	90.218	24.91	836.57	26.509	0
"2013-07-11	14:00:00"	7.7261	163.54	92.185	21.442	973.2	26.494	0
"2013-07-11	15:00:00"	8.7377	144.73	93.316	20.561	968.31	26.483	0
"2013-07-11	16:00:00"	9.5188	159.11	93.964	20.315	965.68	26.471	0
"2013-07-11	17:00:00"	10.344	140.53	94.384	20.691	694.9	26.45	0
"2013-07-11	18:00:00"	9.4119	166.72	93.883	20.994	570.21	26.423	0
"2013-07-11	19:00:00"	9.5219	153.08	94.051	21.597	469.72	26.412	0
"2013-07-11	20:00:00"	10.102	151.95	93.042	22.325	270.61	26.418	0
"2013-07-11	21:00:00"	11.602	151.99	90.6	25.455	71.741	26.429	0
"2013-07-11	22:00:00"	7.485	139.16	87.181	28.283	0.45597	26.438	0
"2013-07-11	23:00:00"	5.816	137.63	83.95	30.774	0.05469	26.453	0
"2013-07-12	00:00:00"	7.1743	145.32	82.715	32.836	0.05851	26.462	0
"2013-07-12	01:00:00"	5.4513	147.63	80.495	35.648	0.05066	26.459	0
"2013-07-12	02:00:00"	6.7698	156.26	78.415	38.726	0.07207	26.462	0
"2013-07-12	03:00:00"	8.176	180.71	78.419	42.878	0.0778	26.465	0
"2013-07-12	04:00:00"	7.3216	181.95	76.794	47.342	0.06593	26.471	0
"2013-07-12	05:00:00"	6.8108	181.04	74.938	52.05	0.07546	26.468	0
"2013-07-12	06:00:00"	4.3179	186.15	73.256	56.462	0.05851	26.471	0
"2013-07-12	07:00:00"	2.7241	185.19	72.092	59.196	1.1733	26.477	0
"2013-07-12	08:00:00"	4.8113	174.3	72.99	57.961	76.175	26.483	0
"2013-07-12	09:00:00"	10.049	184.7	77.806	48.527	254.76	26.494	0
"2013-07-12	10:00:00"	10.978	187.8	81.42	42.737	459.17	26.494	0
"2013-07-12	11:00:00"	9.7151	187.43	84.406	38.057	656.26	26.494	0
"2013-07-12	12:00:00"	10.191	151.22	87.592	32.278	821.09	26.488	0
"2013-07-12	13:00:00"	11.635	144.59	89.57	29.399	939.16	26.48	0
"2013-07-12	14:00:00"	10.965	150.5	91.479	25.173	1003.2	26.471	0
"2013-07-12	15:00:00"	10.229	146.09	92.681	22.583	996.68	26.456	0
"2013-07-12	16:00:00"	8.7327	141.43	93.77	21.179	935.57	26.438	0
"2013-07-12	17:00:00"	10.014	136.29	94.65	19.237	801.59	26.42	0
"2013-07-12	18:00:00"	10.396	142.83	95.063	18.353	664.46	26.418	0
"2013-07-12	19:00:00"	11.091	145.8	94.347	19.616	414.51	26.406	0
"2013-07-12	20:00:00"	12.247	146.29	93.466	19.996	242.83	26.409	0
"2013-07-12	21:00:00"	11.427	142.58	91.409	21.885	61.682	26.423	0
"2013-07-12	22:00:00"	8.0927	141.93	88.182	24.691	0.42311	26.435	0
"2013-07-12	23:00:00"	6.7736	139.9	85.343	27.586	0.06232	26.453	0
"2013-07-13	00:00:00"	4.8075	135.43	81.648	31.091	0.06275	26.468	0
"2013-07-13	01:00:00"	7.6491	169.91	80.321	32.881	0.08373	26.48	0
"2013-07-13	02:00:00"	8.7203	184.53	79.68	34.484	0.0761	26.491	0
"2013-07-13	03:00:00"	6.5157	173.92	77.262	37.729	0.04494	26.503	0
"2013-07-13	04:00:00"	4.3247	190.61	74.844	40.692	0.06529	26.497	0
"2013-07-13	05:00:00"	2.3724	188.09	72.841	43.634	0.0619	26.494	0
"2013-07-13	06:00:00"	2.0263	168.61	71.453	46.096	0.07589	26.5	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-13	07:00:00"	0.6425	176.02	70.521	48.289	1.1044	26.506	0
"2013-07-13	08:00:00"	2.4936	130.3	72.252	46.146	75.31	26.518	0
"2013-07-13	09:00:00"	9.7189	163.79	77.094	41.215	255.99	26.533	0
"2013-07-13	10:00:00"	10.845	167.98	80.676	37.956	465.05	26.545	0
"2013-07-13	11:00:00"	11.252	171.91	84.269	33.964	663.66	26.536	0
"2013-07-13	12:00:00"	12.592	157.29	87.144	29.857	829.06	26.533	0
"2013-07-13	13:00:00"	12.224	164.92	89.291	26.084	947.06	26.518	0
"2013-07-13	14:00:00"	10.845	158.52	90.992	23.58	1008.2	26.506	0
"2013-07-13	15:00:00"	11.485	165.36	92.437	22.471	1009.4	26.483	0
"2013-07-13	16:00:00"	10.663	146.57	93.319	20.946	908.89	26.471	0
"2013-07-13	17:00:00"	9.781	152.46	94.337	18.313	825.06	26.453	0
"2013-07-13	18:00:00"	9.3796	127.16	94.669	17.066	626.92	26.441	0
"2013-07-13	19:00:00"	9.4138	153.17	94.514	17.043	452.63	26.432	0
"2013-07-13	20:00:00"	9.8102	153.45	93.629	16.298	242.37	26.429	0
"2013-07-13	21:00:00"	9.4051	147.28	91.342	16.677	62.43	26.435	0
"2013-07-13	22:00:00"	6.7841	129.98	87.067	19.474	0.45894	26.447	0
"2013-07-13	23:00:00"	5.4283	123.46	83.128	23.691	0.05533	26.471	0
"2013-07-14	00:00:00"	5.6147	132.81	81.243	25.135	0.04197	26.477	0
"2013-07-14	01:00:00"	5.6613	155.66	79.68	26.136	0.06169	26.485	0
"2013-07-14	02:00:00"	6.2796	152.77	77.401	29.724	0.06783	26.485	0
"2013-07-14	03:00:00"	6.0142	170.47	76.315	32.457	0.05723	26.477	0
"2013-07-14	04:00:00"	3.8488	206.38	72.996	35.966	0.06889	26.465	0
"2013-07-14	05:00:00"	2.959	229.07	71.371	38.106	0.06889	26.471	0
"2013-07-14	06:00:00"	2.4675	228.66	70.14	39.347	0.05681	26.465	0
"2013-07-14	07:00:00"	2.5955	283.11	68.803	41.001	0.84092	26.465	0
"2013-07-14	08:00:00"	3.1746	287.54	70.588	39.904	70.72	26.471	0
"2013-07-14	09:00:00"	4.9331	280.88	76.637	34.597	253.43	26.48	0
"2013-07-14	10:00:00"	7.398	266.89	82.632	28.425	458.18	26.48	0
"2013-07-14	11:00:00"	9.003	238.63	88.166	23.184	670.75	26.468	0
"2013-07-14	12:00:00"	7.28	228.61	90.769	19.779	838.5	26.459	0
"2013-07-14	13:00:00"	4.9648	222.48	93.037	17.01	920.89	26.444	0
"2013-07-14	14:00:00"	7.4776	165.32	94.219	15.365	1009.7	26.426	0
"2013-07-14	15:00:00"	8.3966	165.79	95.349	14.439	987.75	26.403	0
"2013-07-14	16:00:00"	8.1468	168.65	95.456	14.279	821.84	26.376	0
"2013-07-14	17:00:00"	6.6232	220.5	96.791	13.997	805.08	26.358	0
"2013-07-14	18:00:00"	7.5198	207.92	96.198	14.144	580.3	26.344	0
"2013-07-14	19:00:00"	5.2605	167.13	96.159	14.062	425.08	26.329	0
"2013-07-14	20:00:00"	6.374	183.46	95.228	14.665	212.14	26.332	0
"2013-07-14	21:00:00"	5.2438	166.86	92.275	17.517	33.966	26.344	0
"2013-07-14	22:00:00"	23.819	81.668	78.085	45.617	0.07631	26.373	0
"2013-07-14	23:00:00"	22.31	74.356	72.436	54.102	0.05872	26.426	0
"2013-07-15	00:00:00"	21.844	75.176	70.231	56.701	0.06487	26.432	0
"2013-07-15	01:00:00"	19.056	61.336	66.747	67.038	0.0672	26.485	0
"2013-07-15	02:00:00"	19.293	52.982	65.129	72.913	0.05257	26.48	0
"2013-07-15	03:00:00"	19.994	55.947	62.387	82.274	0.0549	26.494	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-15	04:00:00"	15.687	66.861	61.032	88.443	0.06868	26.48	0.03
"2013-07-15	05:00:00"	11.582	75.326	61.014	91.518	0.06529	26.48	0.14
"2013-07-15	06:00:00"	9.968	80.533	61.445	91.922	0.06147	26.483	0.01
"2013-07-15	07:00:00"	11.083	54.972	61.697	91.319	0.06614	26.503	0.02
"2013-07-15	08:00:00"	13.131	62.598	60.741	92.047	4.3042	26.512	0.11
"2013-07-15	09:00:00"	15.69	65.684	59.437	90.699	48.416	26.527	0.05
"2013-07-15	10:00:00"	13.432	67.532	59.1	91.345	67.445	26.545	0.08
"2013-07-15	11:00:00"	12.205	69.257	59.511	90.594	100.92	26.553	0.05
"2013-07-15	12:00:00"	13.752	64.569	59.5	89.689	157.55	26.562	0.05
"2013-07-15	13:00:00"	13.106	65.379	61.615	82.635	398.73	26.559	0.01
"2013-07-15	14:00:00"	12.659	52.024	65.793	70.704	455.89	26.55	0
"2013-07-15	15:00:00"	13.313	39.892	69.3	60.275	749.54	26.545	0
"2013-07-15	16:00:00"	14.021	50.231	71.095	56.205	902.47	26.533	0
"2013-07-15	17:00:00"	12.171	43.226	72.501	50.013	715.52	26.521	0
"2013-07-15	18:00:00"	11.357	33.523	73.539	45.959	605.25	26.509	0
"2013-07-15	19:00:00"	11.888	52.735	73.186	48.347	421.77	26.5	0
"2013-07-15	20:00:00"	10.391	56.787	72.359	48.893	243.35	26.512	0
"2013-07-15	21:00:00"	8.9179	69.965	70.808	54.372	73.715	26.53	0
"2013-07-15	22:00:00"	6.8655	64.685	68.206	62.342	0.23954	26.547	0
"2013-07-15	23:00:00"	6.5057	64.009	65.759	70.437	0.05957	26.568	0
"2013-07-16	00:00:00"	5.8931	94.235	64.215	78.763	0.07864	26.571	0
"2013-07-16	01:00:00"	3.5139	148.36	62.656	87.23	0.06105	26.568	0
"2013-07-16	02:00:00"	2.8658	168.07	62.284	88.959	0.06614	26.559	0
"2013-07-16	03:00:00"	2.1816	147.01	61.386	90.419	0.04218	26.562	0
"2013-07-16	04:00:00"	2.0748	162.09	60.777	91.419	0.07949	26.556	0
"2013-07-16	05:00:00"	1.0116	129.53	60.055	92.516	0.05066	26.553	0
"2013-07-16	06:00:00"	2.4737	333.86	60.531	93.301	0.07334	26.547	0
"2013-07-16	07:00:00"	3.2212	17.449	59.628	93.201	0.47483	26.559	0
"2013-07-16	08:00:00"	3.8929	348.55	59.666	92.858	73.978	26.577	0
"2013-07-16	09:00:00"	4.6199	347.74	63.136	85.543	249.25	26.598	0
"2013-07-16	10:00:00"	5.2288	359.59	66.39	74.115	397.59	26.604	0
"2013-07-16	11:00:00"	7.9486	22.479	69.125	63.294	622.8	26.607	0
"2013-07-16	12:00:00"	10.118	61.356	70.979	57.053	765.11	26.607	0
"2013-07-16	13:00:00"	10.504	66.829	72.753	52.597	700.91	26.604	0
"2013-07-16	14:00:00"	9.2354	64.539	74.236	46.907	658.5	26.592	0
"2013-07-16	15:00:00"	9.1621	72.074	75.19	45.597	654.37	26.58	0
"2013-07-16	16:00:00"	7.2986	78.318	76.548	43.149	604.65	26.577	0
"2013-07-16	17:00:00"	10.524	94.536	76.955	44.599	436.83	26.574	0
"2013-07-16	18:00:00"	12.646	120.42	74.419	54.248	377.69	26.568	0
"2013-07-16	19:00:00"	11.769	119.08	72.888	57.021	380.94	26.571	0
"2013-07-16	20:00:00"	11.237	113.91	71.978	59.574	173.38	26.586	0
"2013-07-16	21:00:00"	11.251	112.54	70.291	67.89	88.184	26.607	0
"2013-07-16	22:00:00"	11.46	115.9	68.107	77.12	0.15051	26.618	0
"2013-07-16	23:00:00"	9.8667	123.57	67.533	80.774	0.07144	26.645	0
"2013-07-17	00:00:00"	8.5706	115.06	67.102	83.478	0.0549	26.654	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-17	01:00:00"	6.3983	104.48	66.317	90.79	0.07229	26.657	0.32
"2013-07-17	02:00:00"	6.182	105.47	66.328	91.796	0.05342	26.648	0.09
"2013-07-17	03:00:00"	5.8614	125.77	66.821	91.554	0.05109	26.642	0
"2013-07-17	04:00:00"	9.387	161.86	65.746	90.63	0.05999	26.639	0.01
"2013-07-17	05:00:00"	5.8024	146.28	65.13	92.242	0.06423	26.639	0.1
"2013-07-17	06:00:00"	6.2746	114.88	65.925	91.57	0.07059	26.648	0.02
"2013-07-17	07:00:00"	8.2704	117.9	66.274	92.083	0.092	26.657	0.03
"2013-07-17	08:00:00"	11.289	121.29	66.386	91.698	32.972	26.663	0.03
"2013-07-17	09:00:00"	10.033	126.95	66.774	91.523	75.639	26.674	0.02
"2013-07-17	10:00:00"	10.31	130.3	67.428	87.945	201.11	26.695	0
"2013-07-17	11:00:00"	9.0055	123.32	68.419	83.858	161.57	26.704	0
"2013-07-17	12:00:00"	8.7508	126.65	68.46	83.1	141.67	26.713	0.01
"2013-07-17	13:00:00"	8.7185	113.07	68.513	82.936	288.83	26.71	0
"2013-07-17	14:00:00"	8.0151	113.3	70.849	75.746	477.22	26.692	0
"2013-07-17	15:00:00"	9.9929	103.96	69.561	79.08	182.05	26.692	0.11
"2013-07-17	16:00:00"	7.321	86.737	66.763	88.905	209.61	26.683	0.04
"2013-07-17	17:00:00"	8.3295	67.167	68.493	86.574	270.22	26.666	0
"2013-07-17	18:00:00"	7.0942	28.652	69.666	81.653	322.94	26.654	0
"2013-07-17	19:00:00"	9.9357	29.158	70.646	79.708	177.02	26.648	0.01
"2013-07-17	20:00:00"	7.5714	28.564	69.473	85.559	43.519	26.651	0.07
"2013-07-17	21:00:00"	7.7833	44.798	68.83	87.573	19.387	26.657	0
"2013-07-17	22:00:00"	8.0933	46.329	68.373	88.569	0.09751	26.669	0.02
"2013-07-17	23:00:00"	8.4488	72.584	67.49	91.349	0.04939	26.677	0.12
"2013-07-18	00:00:00"	8.194	78.287	67.696	92.219	0.05321	26.677	0
"2013-07-18	01:00:00"	7.8069	91.758	67.985	91.674	0.05469	26.672	0
"2013-07-18	02:00:00"	6.5971	100.57	67.872	91.647	0.05893	26.654	0
"2013-07-18	03:00:00"	6.0261	86.356	67.567	91.234	0.05851	26.642	0
"2013-07-18	04:00:00"	4.9275	79.912	67.116	92.126	0.06826	26.642	0
"2013-07-18	05:00:00"	6.4461	104.98	66.832	91.742	0.05639	26.636	0
"2013-07-18	06:00:00"	6.5343	118.88	66.76	91.091	0.06105	26.63	0
"2013-07-18	07:00:00"	7.0681	117.43	66.747	90.529	0.23275	26.642	0
"2013-07-18	08:00:00"	7.5745	122.69	66.672	90.376	43.806	26.648	0
"2013-07-18	09:00:00"	8.0965	132.2	67.638	87.581	145.51	26.657	0
"2013-07-18	10:00:00"	8.432	134	68.431	84.317	122.94	26.663	0
"2013-07-18	11:00:00"	10.451	131.41	68.893	83.864	300.21	26.666	0
"2013-07-18	12:00:00"	10.144	125.6	71.224	76.52	367.94	26.66	0
"2013-07-18	13:00:00"	10.488	135.95	72.885	70.86	427.23	26.651	0
"2013-07-18	14:00:00"	13.479	151.4	71.627	76.71	399.27	26.645	0.01
"2013-07-18	15:00:00"	7.2029	129.75	69.386	86.309	545.38	26.621	0.02
"2013-07-18	16:00:00"	8.473	150.05	71.638	80.886	330.68	26.607	0.11
"2013-07-18	17:00:00"	5.9229	156.19	73.339	74.926	203.33	26.592	0.01
"2013-07-18	18:00:00"	6.2634	163	73.552	73.646	161.69	26.577	0
"2013-07-18	19:00:00"	6.7009	120.65	74.31	71.701	81.917	26.562	0
"2013-07-18	20:00:00"	6.3492	118.24	74.029	69.984	67.257	26.559	0
"2013-07-18	21:00:00"	4.4683	111.44	73.172	72.482	29.799	26.559	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-18	22:00:00"	5.5053	112.5	70.8	78.844	0.20202	26.562	0
"2013-07-18	23:00:00"	5.1213	105.81	69.425	84.635	0.06953	26.577	0
"2013-07-19	00:00:00"	5.9664	111.42	68.811	85.305	0.07589	26.592	0
"2013-07-19	01:00:00"	5.9633	111.2	67.675	88.113	0.04982	26.595	0
"2013-07-19	02:00:00"	6.292	117.17	67.03	91.106	0.05766	26.589	0
"2013-07-19	03:00:00"	5.8086	123.82	66.515	92.962	0.08522	26.589	0
"2013-07-19	04:00:00"	4.403	136.11	66.162	92.68	0.06423	26.577	0
"2013-07-19	05:00:00"	3.7742	124.13	65.692	90.337	0.06317	26.568	0
"2013-07-19	06:00:00"	3.9351	127.91	64.857	90.354	0.10726	26.556	0
"2013-07-19	07:00:00"	4.5217	147.03	64.734	90.029	1.5129	26.565	0
"2013-07-19	08:00:00"	2.2873	90.122	65.375	90.193	60.694	26.571	0
"2013-07-19	09:00:00"	4.4503	155.94	66.847	88.75	115.64	26.592	0
"2013-07-19	10:00:00"	7.5118	180.39	68.146	86.173	168.8	26.595	0
"2013-07-19	11:00:00"	8.5376	180.67	70.724	77.573	413.66	26.595	0
"2013-07-19	12:00:00"	10.305	181.81	73.716	68.871	593.57	26.58	0
"2013-07-19	13:00:00"	11.203	182.12	75.314	65.498	616.95	26.58	0
"2013-07-19	14:00:00"	8.7023	178.64	77.472	58.362	913.9	26.559	0
"2013-07-19	15:00:00"	7.9902	164.53	79.152	53.851	776.94	26.536	0
"2013-07-19	16:00:00"	6.8413	157.53	80.456	51.012	570.37	26.512	0
"2013-07-19	17:00:00"	7.8784	151.22	80.758	48.785	256.22	26.488	0
"2013-07-19	18:00:00"	8.8856	166.66	82.294	44.231	465.76	26.468	0
"2013-07-19	19:00:00"	8.8769	146.67	83.402	41.507	447.32	26.456	0
"2013-07-19	20:00:00"	9.6362	152.88	83.146	42.058	283.61	26.456	0
"2013-07-19	21:00:00"	7.2508	136.18	80.628	46.705	65.034	26.468	0
"2013-07-19	22:00:00"	4.0737	131.29	76.568	55.746	0.25247	26.483	0
"2013-07-19	23:00:00"	5.1903	131.52	74.372	63.562	0.05363	26.509	0
"2013-07-20	00:00:00"	4.6317	148.01	72.178	68.166	0.05469	26.518	0
"2013-07-20	01:00:00"	3.0919	151.65	70.085	72.78	0.06847	26.527	0
"2013-07-20	02:00:00"	4.2819	171.77	68.594	76.98	0.05808	26.515	0
"2013-07-20	03:00:00"	4.7342	163.26	68.149	76.955	0.04982	26.506	0
"2013-07-20	04:00:00"	3.4443	137.51	67.4	78.242	0.05723	26.488	0
"2013-07-20	05:00:00"	4.2607	135	67.199	78.67	0.05702	26.48	0
"2013-07-20	06:00:00"	3.6524	101.78	66.779	79.904	0.07017	26.483	0
"2013-07-20	07:00:00"	4.5926	76.446	65.277	83.4	0.8388	26.483	0
"2013-07-20	08:00:00"	4.5696	91.131	66.124	82.672	70.337	26.494	0
"2013-07-20	09:00:00"	7.3782	144.49	71.224	72.834	244.64	26.509	0
"2013-07-20	10:00:00"	10.061	171.57	73.935	68.928	451.73	26.512	0
"2013-07-20	11:00:00"	12.193	174.58	76.477	63.541	633.9	26.491	0
"2013-07-20	12:00:00"	13.474	161.5	79.522	54.974	802.75	26.488	0
"2013-07-20	13:00:00"	11.817	170.49	81.037	51.014	796.29	26.48	0
"2013-07-20	14:00:00"	12.609	160.07	83.512	45.273	1003.5	26.462	0
"2013-07-20	15:00:00"	11.996	155.25	84.492	41.567	831.62	26.447	0
"2013-07-20	16:00:00"	10.91	154.07	85.185	40.414	740.59	26.426	0
"2013-07-20	17:00:00"	11.727	147.05	85.324	40.199	438.56	26.403	0
"2013-07-20	18:00:00"	13.069	144.05	85.022	40.419	322.75	26.388	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-20	19:00:00"	14.4	152.93	85.796	39.097	435.54	26.385	0
"2013-07-20	20:00:00"	14.323	163.77	83.911	42.415	186.92	26.394	0
"2013-07-20	21:00:00"	11.399	174.94	81.225	46.054	37.804	26.4	0
"2013-07-20	22:00:00"	8.7458	171.11	78.508	51.893	0.13588	26.42	0
"2013-07-20	23:00:00"	7.357	176.83	76.17	57.751	0.05003	26.441	0
"2013-07-21	00:00:00"	8.7122	173.45	74.3	63.29	0.06699	26.453	0
"2013-07-21	01:00:00"	9.9078	174.74	72.606	68.884	0.06232	26.447	0
"2013-07-21	02:00:00"	8.0523	181.5	70.439	73.813	0.05914	26.447	0
"2013-07-21	03:00:00"	4.756	181.15	68.069	80.363	0.06847	26.444	0
"2013-07-21	04:00:00"	3.6294	162.86	66.383	85.192	0.07186	26.435	0
"2013-07-21	05:00:00"	3.7139	142.57	65.828	87.535	0.05681	26.438	0
"2013-07-21	06:00:00"	3.2162	109.25	65.6	88.684	0.0602	26.447	0
"2013-07-21	07:00:00"	3.6201	90.891	65.236	88.932	0.63636	26.447	0
"2013-07-21	08:00:00"	4.8343	112.24	65.89	88.029	66.91	26.456	0
"2013-07-21	09:00:00"	8.9595	159.6	70.334	78.937	244.5	26.465	0
"2013-07-21	10:00:00"	12.81	177.58	73.789	67.759	452.86	26.474	0
"2013-07-21	11:00:00"	10.13	177.01	76.468	61.311	650.16	26.471	0
"2013-07-21	12:00:00"	8.9794	188.13	79.101	55.252	812.01	26.468	0
"2013-07-21	13:00:00"	8.2748	186.55	81.216	50.538	927.95	26.453	0
"2013-07-21	14:00:00"	8.2064	184.91	83.122	44.584	1030.3	26.441	0
"2013-07-21	15:00:00"	8.4109	183.65	84.906	40.771	943.6	26.42	0
"2013-07-21	16:00:00"	8.624	171.29	86.257	36.949	775.75	26.406	0
"2013-07-21	17:00:00"	8.8359	170.5	87.399	35.889	799.05	26.4	0
"2013-07-21	18:00:00"	8.8663	161.4	87.433	36.452	558.89	26.391	0
"2013-07-21	19:00:00"	7.8063	168.53	86.469	37.81	246.62	26.376	0
"2013-07-21	20:00:00"	9.1745	149.18	86.027	38.607	172.91	26.379	0
"2013-07-21	21:00:00"	7.7814	144.85	84.468	41.483	60.987	26.4	0
"2013-07-21	22:00:00"	5.9732	141.29	80.799	48.668	0.13291	26.418	0
"2013-07-21	23:00:00"	5.0996	140.7	78.27	55.358	0.07144	26.444	0
"2013-07-22	00:00:00"	6.6611	158.79	76.682	60.016	0.05257	26.45	0
"2013-07-22	01:00:00"	10.678	171.2	75.642	63.178	0.05745	26.465	0
"2013-07-22	02:00:00"	6.3852	172.18	72.802	67.056	0.05978	26.462	0
"2013-07-22	03:00:00"	4.0799	170.31	70.99	75.084	0.07716	26.444	0
"2013-07-22	04:00:00"	3.2877	140.38	69.121	81.113	0.06423	26.435	0
"2013-07-22	05:00:00"	3.7674	131.08	68.268	85.473	0.09518	26.438	0
"2013-07-22	06:00:00"	2.7403	133.55	67.69	88.964	0.0672	26.435	0
"2013-07-22	07:00:00"	4.1713	139.78	67.462	91.167	0.70907	26.432	0
"2013-07-22	08:00:00"	3.668	113.98	68.097	91.315	63.398	26.444	0
"2013-07-22	09:00:00"	5.8508	175.63	71.397	82.486	247.25	26.465	0
"2013-07-22	10:00:00"	7.2831	183.91	74.902	71.694	395.86	26.465	0
"2013-07-22	11:00:00"	8.6948	194.87	78.577	62.221	567.13	26.471	0
"2013-07-22	12:00:00"	7.9194	203.63	81.68	54.865	806.11	26.468	0
"2013-07-22	13:00:00"	8.6874	210.39	84.749	47.018	905.46	26.459	0
"2013-07-22	14:00:00"	7.0749	207.85	86.59	41.921	935.09	26.45	0
"2013-07-22	15:00:00"	7.5708	193.97	87.877	39.717	854.81	26.432	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-22	16:00:00"	7.0401	161.59	89.138	36.855	752.67	26.412	0
"2013-07-22	17:00:00"	8.3587	139.33	89.888	34.416	679.29	26.394	0
"2013-07-22	18:00:00"	8.199	146.36	89.136	35.146	224.28	26.382	0
"2013-07-22	19:00:00"	9.2665	143.59	89.334	34.812	282.19	26.379	0
"2013-07-22	20:00:00"	10.5	140.74	89.291	35.301	222.28	26.385	0
"2013-07-22	21:00:00"	9.1149	134.3	87.407	37.298	53.92	26.4	0
"2013-07-22	22:00:00"	7.7236	173.93	83.886	43.776	0.09942	26.42	0
"2013-07-22	23:00:00"	9.1416	173.64	81.544	51.141	0.05533	26.438	0
"2013-07-23	00:00:00"	12.42	182.05	80.444	57.213	0.06656	26.45	0
"2013-07-23	01:00:00"	10.335	185.42	78.164	62.983	0.05342	26.468	0
"2013-07-23	02:00:00"	9.6617	184.56	76.549	68.154	0.0566	26.465	0
"2013-07-23	03:00:00"	8.2002	185.37	75.153	72.246	0.05278	26.456	0
"2013-07-23	04:00:00"	3.9581	161.52	73.094	76.684	0.04791	26.45	0
"2013-07-23	05:00:00"	4.5683	159.3	71.399	81.076	0.07038	26.447	0
"2013-07-23	06:00:00"	5.1797	155.08	70.847	81.055	0.05914	26.447	0
"2013-07-23	07:00:00"	4.9964	154.93	70.107	82.233	0.99546	26.444	0
"2013-07-23	08:00:00"	3.6767	142.23	70.196	82.484	65.3	26.456	0
"2013-07-23	09:00:00"	8.6054	184.9	74.149	73.409	243.9	26.462	0
"2013-07-23	10:00:00"	9.0726	195.1	78.367	63.602	467.33	26.465	0
"2013-07-23	11:00:00"	8.3668	196.81	81.92	55.449	639.55	26.462	0
"2013-07-23	12:00:00"	10.177	196.97	84.531	49.238	829.26	26.468	0
"2013-07-23	13:00:00"	8.9459	188.3	86.573	43.277	943.27	26.465	0
"2013-07-23	14:00:00"	8.2499	178.95	88.737	38.713	1013.6	26.447	0
"2013-07-23	15:00:00"	9.6499	189.64	91.059	34.059	1000.2	26.435	0
"2013-07-23	16:00:00"	10.503	192.57	91.963	32.251	910.21	26.418	0
"2013-07-23	17:00:00"	9.8792	192.06	93.268	31.192	763.84	26.406	0
"2013-07-23	18:00:00"	9.2572	181.17	94.084	29.256	655.51	26.391	0
"2013-07-23	19:00:00"	10.23	192.35	93.807	29.584	459.08	26.382	0
"2013-07-23	20:00:00"	8.3991	183.88	92.78	30.067	212.55	26.379	0
"2013-07-23	21:00:00"	5.8651	175.21	89.302	34.766	15.331	26.391	0
"2013-07-23	22:00:00"	7.851	155.82	86.056	43.254	0.08416	26.403	0
"2013-07-23	23:00:00"	11.461	176.96	84.651	47.47	0.07207	26.426	0
"2013-07-24	00:00:00"	12.568	178.67	82.74	51.992	0.05681	26.447	0
"2013-07-24	01:00:00"	10.212	177.09	80.921	55.383	0.05469	26.459	0
"2013-07-24	02:00:00"	8.839	179.95	79.133	58.589	0.06889	26.453	0
"2013-07-24	03:00:00"	5.7825	176.7	77.215	63.401	0.07207	26.45	0
"2013-07-24	04:00:00"	4.9492	173.97	75.51	68.219	0.07017	26.441	0
"2013-07-24	05:00:00"	4.6802	175.95	74.308	71.856	0.04642	26.438	0
"2013-07-24	06:00:00"	5.5756	184.2	73.774	73.982	0.07843	26.447	0
"2013-07-24	07:00:00"	3.7897	197.93	72.617	76.587	0.20011	26.453	0
"2013-07-24	08:00:00"	2.2028	225.02	71.959	78.862	46.219	26.465	0
"2013-07-24	09:00:00"	5.9546	206.9	76.152	70.692	233.18	26.471	0
"2013-07-24	10:00:00"	5.8769	220.07	80.802	59.836	420.12	26.477	0
"2013-07-24	11:00:00"	4.4055	224.49	84.852	50.238	647.8	26.488	0
"2013-07-24	12:00:00"	3.3032	168.07	88.828	40.083	806.34	26.497	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-24	13:00:00"	4.9287	116.37	91.274	35.584	855.8	26.491	0
"2013-07-24	14:00:00"	8.1499	112.61	91.993	34.605	484.14	26.468	0
"2013-07-24	15:00:00"	11.224	64.622	84.96	47.046	150.01	26.462	0.04
"2013-07-24	16:00:00"	12.834	131.13	80.814	51.12	68.396	26.48	0.01
"2013-07-24	17:00:00"	5.1766	133.13	79.102	57.593	27.661	26.468	0
"2013-07-24	18:00:00"	2.3805	23.896	80.023	60.091	108.01	26.459	0
"2013-07-24	19:00:00"	2.7235	268.88	82.381	56.251	96.909	26.453	0
"2013-07-24	20:00:00"	3.0596	346.47	80.859	64.687	49.598	26.453	0
"2013-07-24	21:00:00"	3.9333	49.553	81.054	61.095	20.686	26.468	0
"2013-07-24	22:00:00"	5.1095	41.655	77.783	73.908	0.08458	26.488	0
"2013-07-24	23:00:00"	6.4188	51.608	77.585	68.658	0.05384	26.512	0
"2013-07-25	00:00:00"	5.7918	84.335	77.642	63.789	0.06741	26.518	0
"2013-07-25	01:00:00"	4.5814	101.39	77.05	62.827	0.05681	26.518	0
"2013-07-25	02:00:00"	4.5453	337.52	76.036	64.681	0.06911	26.53	0
"2013-07-25	03:00:00"	8.8943	359.39	73.869	67.97	0.05639	26.527	0
"2013-07-25	04:00:00"	8.4811	351.37	72.235	67.673	0.07737	26.524	0
"2013-07-25	05:00:00"	9.461	11.321	71.685	69.831	0.06762	26.539	0
"2013-07-25	06:00:00"	10.663	7.1508	70.914	70.743	0.06211	26.547	0
"2013-07-25	07:00:00"	10.64	7.8628	69.858	71.298	0.21262	26.556	0
"2013-07-25	08:00:00"	11.525	9.9219	70.338	68.456	45.811	26.559	0
"2013-07-25	09:00:00"	12.362	13.399	72.608	63.359	228.18	26.568	0
"2013-07-25	10:00:00"	10.449	9.8309	75.78	58.376	294.44	0	0
"2013-07-25	11:00:00"	7.3707	1.9285	76.96	56.824	341.6	26.601	0
"2013-07-25	12:00:00"	5.2114	334.93	79.757	51.537	727.71	26.604	0
"2013-07-25	13:00:00"	5.2232	316.14	83.357	44.576	746.8	26.589	0
"2013-07-25	14:00:00"	5.5905	300.9	85.328	41.57	872.68	0.26577	0
"2013-07-25	15:00:00"	6.5058	123.92	86.796	38.453	935.65	26.55	0
"2013-07-25	16:00:00"	7.8373	151.62	88.92	35.47	974.7	26.53	0
"2013-07-25	17:00:00"	9.095	162.68	90.981	31.92	786.72	26.512	0
"2013-07-25	18:00:00"	9.4032	160.65	91.052	30.371	364.45	26.494	0
"2013-07-25	19:00:00"	8.6961	199.09	91.372	27.334	239.04	26.485	0
"2013-07-25	20:00:00"	9.3286	183.94	90.975	27.97	166.87	0	0
"2013-07-25	21:00:00"	6.8922	203.85	89.211	28.628	24.733	26.503	0
"2013-07-25	22:00:00"	4.8821	190.07	86.834	31.444	0.05363	26.515	0
"2013-07-25	23:00:00"	4.0078	191.04	84.587	35.134	0.04727	26.521	0
"2013-07-26	00:00:00"	3.036	196.27	81.375	40.127	0.07992	26.53	0
"2013-07-26	01:00:00"	2.3295	197.88	79.343	43.961	0.05639	26.533	0
"2013-07-26	02:00:00"	2.0238	195.82	77.95	46.933	0.04685	26.527	0
"2013-07-26	03:00:00"	3.1274	207.79	75.787	50.949	0.06063	26.53	0
"2013-07-26	04:00:00"	3.7562	213.68	73.896	53.423	0.07907	26.527	0
"2013-07-26	05:00:00"	3.1044	233.36	72.784	53.189	0.0672	26.527	0
"2013-07-26	06:00:00"	2.5936	262.25	72.82	54.402	0.06275	26.521	0
"2013-07-26	07:00:00"	2.3432	263.92	70.994	58.37	0.17107	26.524	0
"2013-07-26	08:00:00"	3.699	335.42	71.379	58.762	52.028	26.533	0
"2013-07-26	09:00:00"	6.433	14.065	73.74	57.066	123.1	26.559	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-26	10:00:00"	8.0952	36.13	79.527	44.627	355.54	26.568	0
"2013-07-26	11:00:00"	13.018	39.505	82.867	42.306	610.25	26.574	0
"2013-07-26	12:00:00"	13.463	36.203	85.064	40.582	801.78	26.58	0
"2013-07-26	13:00:00"	13.215	39.092	86.948	40.138	917.88	26.574	0
"2013-07-26	14:00:00"	13.363	29.986	88.626	36.239	977.73	26.559	0
"2013-07-26	15:00:00"	12.379	35.151	90.146	33.358	973.94	26.556	0
"2013-07-26	16:00:00"	13.218	33.457	91.405	30.224	907.18	26.539	0
"2013-07-26	17:00:00"	14.246	40.046	91.521	27.94	802.86	26.515	0
"2013-07-26	18:00:00"	15.071	48.919	91.785	25.139	626.8	26.512	0
"2013-07-26	19:00:00"	14.567	51.644	90.763	25.783	393.8	26.518	0
"2013-07-26	20:00:00"	13.982	53.613	89.333	26.113	227.27	26.533	0
"2013-07-26	21:00:00"	11.677	58.757	86.199	29.876	23.794	26.55	0
"2013-07-26	22:00:00"	9.09	56.2	81.753	34.362	0.06889	26.577	0
"2013-07-26	23:00:00"	7.9355	51.804	78.206	41.325	0.06169	26.607	0
"2013-07-27	00:00:00"	8.542	56.731	76.267	49.421	0.07229	26.612	0
"2013-07-27	01:00:00"	6.8053	69.132	74.642	58.248	0.06275	26.609	0
"2013-07-27	02:00:00"	7.4577	57.525	73.13	63.625	0.05321	26.615	0
"2013-07-27	03:00:00"	6.6033	65.854	71.763	66.64	0.06635	26.604	0
"2013-07-27	04:00:00"	5.9589	55.9	69.44	71.57	0.05872	26.58	0
"2013-07-27	05:00:00"	5.3947	59.04	67.635	75.386	0.06232	26.592	0
"2013-07-27	06:00:00"	5.8135	59.08	66.655	77.784	0.06571	26.598	0
"2013-07-27	07:00:00"	2.2053	35.357	64.277	82.472	0.3663	26.604	0
"2013-07-27	08:00:00"	2.5458	357.02	64.969	81.901	60.741	26.612	0
"2013-07-27	09:00:00"	4.7435	88.951	69.627	72.425	242.18	26.627	0
"2013-07-27	10:00:00"	5.7365	128.91	72.929	65.86	451.46	26.624	0
"2013-07-27	11:00:00"	3.7257	124.55	76.212	56.535	695.35	26.621	0
"2013-07-27	12:00:00"	3.8419	55.857	78.688	47.322	795.25	26.612	0
"2013-07-27	13:00:00"	4.239	188.36	81.728	40.438	902.58	26.592	0
"2013-07-27	14:00:00"	4.8945	108.78	83.972	31.284	1011.3	26.571	0
"2013-07-27	15:00:00"	8.2102	120.36	85.84	26.496	1021.8	26.547	0
"2013-07-27	16:00:00"	7.6286	100.03	86.693	23.154	961.03	26.521	0
"2013-07-27	17:00:00"	8.5737	112.38	87.555	24.597	801.43	26.494	0
"2013-07-27	18:00:00"	8.2158	116.13	88.32	23.046	643.9	26.471	0
"2013-07-27	19:00:00"	9.0192	130.28	88.075	20.77	438.53	26.453	0
"2013-07-27	20:00:00"	8.9925	121.99	87.263	21.41	227.53	26.459	0
"2013-07-27	21:00:00"	6.8133	126.22	84.152	23.832	34.597	26.468	0
"2013-07-27	22:00:00"	5.9602	117.27	80.141	28.034	0.08034	26.474	0
"2013-07-27	23:00:00"	7.5596	119.89	78.307	30.161	0.05554	26.491	0
"2013-07-28	00:00:00"	7.6068	137.19	77.336	33.158	0.05914	26.491	0
"2013-07-28	01:00:00"	6.5934	153.52	76.297	36.342	0.05617	26.491	0
"2013-07-28	02:00:00"	5.6178	149.76	75.12	39.469	0.06932	26.48	0
"2013-07-28	03:00:00"	5.2394	141.63	73.876	43.214	0.05978	26.471	0
"2013-07-28	04:00:00"	6.0062	123.21	72.255	45.643	0.05172	26.456	0
"2013-07-28	05:00:00"	5.3394	143.77	69.771	50.294	0.07313	26.45	0
"2013-07-28	06:00:00"	5.4886	138.57	68.817	54.041	0.04939	26.444	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-28	07:00:00"	5.7353	122.44	67.924	57.188	0.38856	26.447	0
"2013-07-28	08:00:00"	7.4011	108.64	67.2	59.156	55.928	26.444	0
"2013-07-28	09:00:00"	10.635	134.37	70.453	56.283	234.09	26.453	0
"2013-07-28	10:00:00"	12.725	164.4	75.363	50.54	452.77	26.462	0
"2013-07-28	11:00:00"	12.839	182.15	79.65	45.489	615.4	26.459	0
"2013-07-28	12:00:00"	12.086	184.4	82.49	42.129	821.01	26.45	0
"2013-07-28	13:00:00"	10.725	184.2	85.128	38.039	931.25	26.438	0
"2013-07-28	14:00:00"	10.777	184.41	87.018	36.597	994.26	26.423	0
"2013-07-28	15:00:00"	10.506	175.93	88.241	35.723	624.99	26.403	0
"2013-07-28	16:00:00"	12.591	186.25	89.622	34.592	816.97	26.376	0
"2013-07-28	17:00:00"	11.489	175.37	89.231	35.216	374.58	26.356	0
"2013-07-28	18:00:00"	9.9245	115.82	86.983	39.684	256.68	26.353	0
"2013-07-28	19:00:00"	11.401	94.269	84.4	44.297	100.7	26.35	0
"2013-07-28	20:00:00"	12.731	123.15	79.493	55.852	60.178	26.379	0
"2013-07-28	21:00:00"	12.739	126.38	74.925	66.974	16.191	26.409	0
"2013-07-28	22:00:00"	6.3498	131.13	73.538	71.848	0.08712	26.42	0
"2013-07-28	23:00:00"	5.2058	111.57	74.519	72.486	0.06232	26.423	0
"2013-07-29	00:00:00"	7.39	128.8	73.402	76.553	0.05681	26.435	0
"2013-07-29	01:00:00"	7.3197	132.02	73.214	78.847	0.05702	26.426	0
"2013-07-29	02:00:00"	4.6492	183.13	72.814	80.734	0.05003	26.423	0
"2013-07-29	03:00:00"	2.3141	128.37	72.417	82.162	0.07864	26.412	0
"2013-07-29	04:00:00"	4.2632	130.7	71.613	85.382	0.06593	26.409	0
"2013-07-29	05:00:00"	5.0306	169.67	70.985	87.979	0.07165	26.403	0
"2013-07-29	06:00:00"	5.7123	198.55	70.474	87.892	0.08288	26.415	0
"2013-07-29	07:00:00"	4.9592	199.28	69.431	89.194	0.09391	26.429	0
"2013-07-29	08:00:00"	5.8347	191.44	69.159	89.951	36.382	26.444	0
"2013-07-29	09:00:00"	6.2709	200.2	72.251	79.389	247.18	26.465	0
"2013-07-29	10:00:00"	8.4252	200.77	76.222	65.618	385.16	26.477	0
"2013-07-29	11:00:00"	9.4442	199	78.96	56.59	574.8	26.474	0
"2013-07-29	12:00:00"	9.4672	202.76	80.922	50.426	394.89	26.488	0
"2013-07-29	13:00:00"	8.6768	199.96	81.718	47.655	300.21	26.48	0
"2013-07-29	14:00:00"	8.5302	209.09	84.586	44.629	687.82	26.477	0
"2013-07-29	15:00:00"	7.8218	213.26	87.524	39.451	1000.5	26.462	0
"2013-07-29	16:00:00"	7.3023	220.64	89.759	36.105	928.11	26.444	0
"2013-07-29	17:00:00"	7.2141	217.54	91.471	32.865	763.75	26.438	0
"2013-07-29	18:00:00"	10.141	191.61	90.934	34.046	585.47	26.438	0
"2013-07-29	19:00:00"	8.4767	180.57	91.315	32.886	440.77	26.432	0
"2013-07-29	20:00:00"	9.1199	172.01	90.382	32.193	198.1	26.45	0
"2013-07-29	21:00:00"	11.078	186.4	88.29	33.633	37.114	26.468	0
"2013-07-29	22:00:00"	14.018	183.67	82.572	50.018	0.33344	26.48	0
"2013-07-29	23:00:00"	11.745	192.91	79.278	56.481	0.04982	26.488	0
"2013-07-30	00:00:00"	10.474	198.86	77.091	59.229	0.07038	26.491	0
"2013-07-30	01:00:00"	9.1522	200.92	75.138	63.132	0.04939	26.485	0
"2013-07-30	02:00:00"	7.4521	204.74	74.032	66.434	0.07568	26.485	0
"2013-07-30	03:00:00"	5.0511	203.99	72.804	69.522	0.05511	26.488	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-07-30	04:00:00"	3.3666	217.49	70.916	73.941	0.0619	26.485	0
"2013-07-30	05:00:00"	4.3328	209.29	70.211	76.188	0.05702	26.491	0
"2013-07-30	06:00:00"	4.3073	192.66	70.405	76.952	0.05469	26.509	0
"2013-07-30	07:00:00"	2.7272	235.05	68.826	81.22	0.08946	26.524	0
"2013-07-30	08:00:00"	3.2156	238.39	68.683	81.665	56.648	26.536	0
"2013-07-30	09:00:00"	6.3026	225.73	74.282	70.681	237.69	26.55	0
"2013-07-30	10:00:00"	6.6959	274.56	78.167	61.645	433.64	26.556	0
"2013-07-30	11:00:00"	6.4859	279.65	81.414	53.614	637.65	26.556	0
"2013-07-30	12:00:00"	8.1748	336.63	85.81	46.135	808.33	26.559	0
"2013-07-30	13:00:00"	8.7613	348.64	89.039	42.143	924.75	26.556	0
"2013-07-30	14:00:00"	8.5196	353.6	92.29	36.676	998.5	26.536	0
"2013-07-30	15:00:00"	11.784	11.267	95.696	28.848	1001	26.524	0
"2013-07-30	16:00:00"	12.053	27.661	97.069	26.054	935.06	26.509	0
"2013-07-30	17:00:00"	12.721	20.362	97.954	23.366	809.3	26.494	0
"2013-07-30	18:00:00"	13.826	34.121	97.815	24.787	647.94	26.491	0
"2013-07-30	19:00:00"	12.679	32.268	96.539	25.883	405.95	26.497	0
"2013-07-30	20:00:00"	12.347	35.713	94.642	28.797	180.58	26.503	0
"2013-07-30	21:00:00"	9.2528	47.139	92.037	32.604	23.612	26.518	0
"2013-07-30	22:00:00"	5.2748	33.12	87.12	38.282	0.08076	26.533	0
"2013-07-30	23:00:00"	7.6745	24.556	85.147	42.196	0.06868	26.53	0
"2013-07-31	00:00:00"	4.2017	58.866	81.742	48.946	0.06911	26.53	0
"2013-07-31	01:00:00"	3.9581	14.79	78.679	55.161	0.05469	26.539	0
"2013-07-31	02:00:00"	3.8736	90.308	77.665	54.49	0.06402	26.539	0
"2013-07-31	03:00:00"	5.4469	118.46	76.796	59.037	0.05024	26.55	0
"2013-07-31	04:00:00"	4.9312	154.34	75.837	60.366	0.05851	26.556	0
"2013-07-31	05:00:00"	5.5432	173.74	75.262	60.038	0.04536	26.559	0
"2013-07-31	06:00:00"	5.9633	179.35	74.773	61.462	0.06762	26.568	0
"2013-07-31	07:00:00"	4.6808	199.41	73.885	63.212	0.33217	26.574	0
"2013-07-31	08:00:00"	2.6433	214.34	72.3	66.674	31.662	26.583	0
"2013-07-31	09:00:00"	4.0016	195.33	75.86	61.379	162.88	26.607	0
"2013-07-31	10:00:00"	5.5364	213.35	80.829	52.158	351.58	26.615	0
"2013-07-31	11:00:00"	4.3813	197.95	84.61	45.32	537.13	26.615	0
"2013-07-31	12:00:00"	2.6216	115.23	89.448	36.244	726.15	26.612	0
"2013-07-31	13:00:00"	6.502	128.82	91.586	33.954	780.88	26.604	0
"2013-07-31	14:00:00"	7.9591	117.66	93.171	32.424	841.39	26.592	0
"2013-07-31	15:00:00"	9.6089	104.37	94.926	28.301	960.69	26.574	0
"2013-07-31	16:00:00"	10.973	103.51	95.833	25.907	954.9	26.55	0
"2013-07-31	17:00:00"	10.927	105.6	96.59	23.686	840.45	26.533	0
"2013-07-31	18:00:00"	10.609	103.56	95.624	26.251	463.09	26.527	0
"2013-07-31	19:00:00"	9.8034	102.61	94.139	27.495	271.46	26.518	0
"2013-07-31	20:00:00"	5.0785	132.95	90.804	31.569	63.009	26.527	0
"2013-07-31	21:00:00"	3.8525	106.68	89.988	30.384	18.224	26.542	0
"2013-07-31	22:00:00"	5.7377	90.726	86.879	34.945	0.04091	26.565	0
"2013-07-31	23:00:00"	6.1752	85.626	84.284	41.895	0.05999	26.574	0
"2013-08-01	00:00:00"	8.6116	45.221	81.686	45.98	0.06677	26.586	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-01	01:00:00"	10.825	29.996	77.972	46.647	0.05829	26.598	0
"2013-08-01	02:00:00"	8.6215	39.953	76.702	48.07	0.06381	26.595	0
"2013-08-01	03:00:00"	13.168	35.114	76.352	51.205	0.05554	26.592	0
"2013-08-01	04:00:00"	11.541	42.103	74.669	62.807	0.05045	26.586	0
"2013-08-01	05:00:00"	9.7766	57.464	73.867	67.79	0.06338	26.583	0
"2013-08-01	06:00:00"	7.6553	70.583	72.617	71.331	0.08691	26.583	0
"2013-08-01	07:00:00"	5.6346	68.331	70.785	75.589	0.08076	26.583	0
"2013-08-01	08:00:00"	7.9082	96.337	72.383	72.106	42.878	26.595	0
"2013-08-01	09:00:00"	10.494	107.74	75.93	63.376	224.48	26.598	0
"2013-08-01	10:00:00"	9.3877	113.59	81.052	51.737	451.77	26.607	0
"2013-08-01	11:00:00"	6.7524	183.38	84.628	39.414	664.06	26.607	0
"2013-08-01	12:00:00"	6.1186	205.88	87.573	32.938	793.92	26.607	0
"2013-08-01	13:00:00"	4.948	184.29	89.8	29.165	907.87	26.589	0
"2013-08-01	14:00:00"	6.3013	156.31	91.28	27.701	906.41	26.565	0
"2013-08-01	15:00:00"	6.7916	133.95	92.911	24.898	967.68	26.542	0
"2013-08-01	16:00:00"	7.3316	149.54	93.991	22.423	889.53	26.515	0
"2013-08-01	17:00:00"	8.1766	149.57	94.48	21.051	667.15	26.494	0
"2013-08-01	18:00:00"	8.1698	153.16	95.277	19.781	590.81	26.474	0
"2013-08-01	19:00:00"	8.1623	135.11	94.211	21.549	301.39	26.48	0
"2013-08-01	20:00:00"	8.0648	138.51	93.439	21.713	157.45	26.477	0
"2013-08-01	21:00:00"	5.2195	146.14	90.444	24.731	27.769	26.485	0
"2013-08-01	22:00:00"	3.9153	125.34	86.529	28.59	0.05469	26.485	0
"2013-08-01	23:00:00"	4.2812	132.47	83.308	31.896	0.06253	26.5	0
"2013-08-02	00:00:00"	4.6727	163.4	81.032	33.548	0.05193	26.491	0
"2013-08-02	01:00:00"	5.1046	151.71	79.582	36.069	0.06699	26.485	0
"2013-08-02	02:00:00"	4.7939	138.31	77.627	40.112	0.0725	26.485	0
"2013-08-02	03:00:00"	6.6567	165.12	76.986	42.397	0.06974	26.477	0
"2013-08-02	04:00:00"	5.107	173.28	74.691	45.917	0.07652	26.474	0
"2013-08-02	05:00:00"	4.1862	180.63	72.305	49.001	0.06465	26.468	0
"2013-08-02	06:00:00"	4.6621	177.86	71.735	49.185	0.06381	26.465	0
"2013-08-02	07:00:00"	5.4544	162.3	71.998	47.44	0.11108	26.474	0
"2013-08-02	08:00:00"	5.4687	159.98	72.045	45.677	46.88	26.483	0
"2013-08-02	09:00:00"	8.7651	162.97	76.284	39.382	229.54	26.491	0
"2013-08-02	10:00:00"	11.772	186.21	81.845	32.727	444.6	26.5	0
"2013-08-02	11:00:00"	11.596	204.91	85.786	28.766	653.45	26.503	0
"2013-08-02	12:00:00"	10.033	217.95	89.13	25.684	826.82	26.497	0
"2013-08-02	13:00:00"	10.207	221.84	92.218	22.588	948.94	26.485	0
"2013-08-02	14:00:00"	9.5443	209.15	94.495	20.261	1009.3	26.465	0
"2013-08-02	15:00:00"	7.6808	223.51	95.826	18.705	1053.3	26.438	0
"2013-08-02	16:00:00"	8.1735	222.78	97.45	17.401	953.11	26.418	0
"2013-08-02	17:00:00"	8.0424	241.58	97.573	17.446	702.42	26.409	0
"2013-08-02	18:00:00"	8.2972	219.57	96.568	18.412	391.07	26.397	0
"2013-08-02	19:00:00"	8.9036	222.31	96.998	18.382	383.32	26.397	0
"2013-08-02	20:00:00"	7.2657	193.84	95.87	18.524	171.22	26.4	0
"2013-08-02	21:00:00"	5.4028	197.53	92.605	19.159	30.873	26.409	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-02	22:00:00"	4.211	183.94	87.391	21.542	0.05533	26.42	0
"2013-08-02	23:00:00"	5.2543	174.42	85.491	23.123	0.05554	26.441	0
"2013-08-03	00:00:00"	6.7537	169.07	82.348	28.504	0.0549	26.447	0
"2013-08-03	01:00:00"	8.9552	175.99	81.532	32.919	0.0371	26.456	0
"2013-08-03	02:00:00"	9.5958	180.66	81.229	36.233	0.05978	26.459	0
"2013-08-03	03:00:00"	8.8502	185.43	79.548	38.265	0.05872	0.26459	0
"2013-08-03	04:00:00"	9.3902	187.9	78.535	39.101	0.06805	26.453	0
"2013-08-03	05:00:00"	10.108	188.79	77.816	40.498	0.04685	26.459	0
"2013-08-03	06:00:00"	9.3286	187.31	76.493	42.86	0.05088	26.459	0
"2013-08-03	07:00:00"	8.3264	179.27	74.96	45.39	0.07949	26.471	0
"2013-08-03	08:00:00"	8.4624	189.15	74.719	46.829	50.002	26.477	0
"2013-08-03	09:00:00"	12.356	189.33	77.265	44.752	216.68	26.483	0
"2013-08-03	10:00:00"	13.106	195.81	81.138	40.107	426.12	26.488	0
"2013-08-03	11:00:00"	11.495	195.41	85.369	35.657	647.76	26.494	0
"2013-08-03	12:00:00"	9.7102	210.59	89.825	30.088	821.47	26.494	0
"2013-08-03	13:00:00"	8.5588	192.66	92.988	25.433	941.68	26.483	0
"2013-08-03	14:00:00"	8.3748	187.52	95.698	23	997.89	26.474	0
"2013-08-03	15:00:00"	8.1698	155.45	98.03	18.247	1014.7	26.465	0
"2013-08-03	16:00:00"	7.3222	128.34	98.503	16.681	966.56	26.444	0
"2013-08-03	17:00:00"	7.8908	156.7	99.512	15.474	822.78	26.423	0
"2013-08-03	18:00:00"	8.0244	136.15	99.899	15.319	655.14	26.42	0
"2013-08-03	19:00:00"	9.1826	155.33	99.182	16.074	426.54	26.412	0
"2013-08-03	20:00:00"	11.979	135.73	97.413	17.443	212.56	26.418	0
"2013-08-03	21:00:00"	12.435	120.99	94.055	20.722	39.613	26.435	0
"2013-08-03	22:00:00"	9.8966	123.12	90.123	23.916	0.06063	26.453	0
"2013-08-03	23:00:00"	9.3193	124.48	86.666	27.381	0.05193	26.488	0
"2013-08-04	00:00:00"	7.6571	138.93	83.851	32.634	0.06169	26.506	0
"2013-08-04	01:00:00"	6.1659	148.76	81.264	37.06	0.05511	26.521	0
"2013-08-04	02:00:00"	7.1035	163.67	79.289	40.379	0.06889	26.518	0
"2013-08-04	03:00:00"	8.7992	176.26	78.984	41.846	0.06974	26.515	0
"2013-08-04	04:00:00"	7.3378	177.56	77.29	44.662	0.07123	26.518	0
"2013-08-04	05:00:00"	5.332	168.52	75.311	47.264	0.05109	26.512	0
"2013-08-04	06:00:00"	6.3119	170.29	74.208	46.583	0.05448	26.512	0
"2013-08-04	07:00:00"	4.7038	146.35	72.686	47.593	0.33493	26.521	0
"2013-08-04	08:00:00"	6.471	137.39	71.45	52.869	39.015	26.536	0
"2013-08-04	09:00:00"	8.7178	148.97	73.928	59.161	198.4	26.547	0
"2013-08-04	10:00:00"	12.247	156.58	78.064	57.354	438.89	26.556	0
"2013-08-04	11:00:00"	11.512	156.7	81.545	49.939	640.84	26.55	0
"2013-08-04	12:00:00"	11.038	151.17	85.372	41.521	822.13	26.55	0
"2013-08-04	13:00:00"	10.22	151.75	88.659	33.786	939.67	26.536	0
"2013-08-04	14:00:00"	10.715	136.52	91.119	27.683	1006.9	26.515	0
"2013-08-04	15:00:00"	8.5606	146.79	92.836	23.242	981.37	26.497	0
"2013-08-04	16:00:00"	10.192	151.4	93.964	21.333	940.46	26.471	0
"2013-08-04	17:00:00"	10.363	161.05	94.929	22.018	809.31	26.459	0
"2013-08-04	18:00:00"	9.8531	154.59	95.462	20.99	638.65	26.447	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-04	19:00:00"	9.0664	127.04	95.299	20.524	429.83	26.441	0
"2013-08-04	20:00:00"	8.7172	133.88	94.098	21.617	214.36	26.447	0
"2013-08-04	21:00:00"	7.7143	138.25	91.344	23.77	40.824	26.447	0
"2013-08-04	22:00:00"	6.113	117.94	86.575	28.454	0.06762	26.468	0
"2013-08-04	23:00:00"	7.1128	128.71	84.781	32.619	0.04515	26.497	0
"2013-08-05	00:00:00"	7.2539	144.99	82.606	34.564	0.07737	26.509	0
"2013-08-05	01:00:00"	6.0341	144.37	79.515	38.428	0.06889	26.506	0
"2013-08-05	02:00:00"	7.1775	166.82	77.805	42.227	0.06402	26.506	0
"2013-08-05	03:00:00"	10.087	177.85	78.712	44.243	0.06041	26.506	0
"2013-08-05	04:00:00"	7.7298	173.12	77.174	47.491	0.06677	26.5	0
"2013-08-05	05:00:00"	5.9788	166.88	75.53	51.846	0.06635	26.497	0
"2013-08-05	06:00:00"	4.7261	138.81	74.624	54.451	0.06635	26.497	0
"2013-08-05	07:00:00"	6.4647	132.24	73.019	57.688	0.1062	26.503	0
"2013-08-05	08:00:00"	6.2118	123.84	72.276	59.999	46.522	26.512	0
"2013-08-05	09:00:00"	9.0347	152.52	75.215	57.129	220.14	26.521	0
"2013-08-05	10:00:00"	11.259	174.6	79.661	51.182	437.57	26.521	0
"2013-08-05	11:00:00"	9.0552	183	83.109	44.951	647.31	26.515	0
"2013-08-05	12:00:00"	7.1302	205.21	86.141	39.836	816.15	26.509	0
"2013-08-05	13:00:00"	6.1652	162.63	89.223	33.539	938.72	26.491	0
"2013-08-05	14:00:00"	7.0644	208.64	91.877	28.438	1005.7	26.474	0
"2013-08-05	15:00:00"	6.9407	244.72	93.923	25.562	973.72	26.45	0
"2013-08-05	16:00:00"	6.0497	255.06	95.48	23.751	950.45	26.429	0
"2013-08-05	17:00:00"	6.2957	234.72	96.836	21.518	764.35	26.406	0
"2013-08-05	18:00:00"	7.4161	197.92	96.862	22.519	555.73	26.391	0
"2013-08-05	19:00:00"	5.9925	208.28	96.647	23.12	364.06	26.379	0
"2013-08-05	20:00:00"	6.7611	189.31	96.078	22.704	174.48	26.376	0
"2013-08-05	21:00:00"	5.2462	187.36	94.076	23.398	39.508	26.382	0
"2013-08-05	22:00:00"	3.8861	171.18	88.984	26.096	0.05851	26.391	0
"2013-08-05	23:00:00"	6.287	169.44	86.407	29.901	0.05024	26.403	0
"2013-08-06	00:00:00"	8.4618	171.28	85.949	34.41	0.05808	26.418	0
"2013-08-06	01:00:00"	11.907	182.58	84.729	37.316	0.06275	26.426	0
"2013-08-06	02:00:00"	10.674	178.46	82.753	38.748	0.0549	26.429	0
"2013-08-06	03:00:00"	10.465	177.73	81.135	39.491	0.05893	26.418	0
"2013-08-06	04:00:00"	9.6859	180.59	79.759	41.443	0.04494	26.412	0
"2013-08-06	05:00:00"	7.3527	184.86	78.588	43.78	0.06084	26.409	0
"2013-08-06	06:00:00"	5.9496	187.48	76.945	46.436	0.05342	26.406	0
"2013-08-06	07:00:00"	3.3256	211.91	74.068	51.192	0.10514	26.418	0
"2013-08-06	08:00:00"	3.9146	213.25	72.509	53.908	42.331	26.426	0
"2013-08-06	09:00:00"	9.0124	204.15	77.887	46.749	216.66	26.429	0
"2013-08-06	10:00:00"	9.4554	226.34	83.369	39.664	434.92	26.432	0
"2013-08-06	11:00:00"	10.184	269.95	87.989	33.019	622.88	26.438	0
"2013-08-06	12:00:00"	10.084	263.63	91.874	29.642	794.64	26.438	0
"2013-08-06	13:00:00"	10.307	257.97	95.971	22.741	926.11	26.432	0
"2013-08-06	14:00:00"	9.1863	247.85	97.506	20.376	1001.1	26.412	0
"2013-08-06	15:00:00"	7.5018	276.78	98.44	19.293	1009.9	26.397	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-06	16:00:00"	8.3046	274.08	99.257	18.628	855.48	26.373	0
"2013-08-06	17:00:00"	10.313	254.67	98.785	18.848	484.3	26.358	0
"2013-08-06	18:00:00"	10.235	258.42	97.479	20.543	420.23	26.364	0
"2013-08-06	19:00:00"	7.7491	217.64	95.695	21.778	234.71	26.364	0
"2013-08-06	20:00:00"	16.051	219	93.472	23.067	122.39	26.385	0
"2013-08-06	21:00:00"	11.501	189.95	87.9	25.544	34.677	26.403	0
"2013-08-06	22:00:00"	4.2949	167.2	83.947	32.596	0.05957	26.406	0
"2013-08-06	23:00:00"	6.3032	211.38	81.991	34.434	0.06635	26.418	0
"2013-08-07	00:00:00"	7.3421	203.79	79.837	37.513	0.04982	26.418	0
"2013-08-07	01:00:00"	4.3875	213.34	76.603	42.549	0.06084	26.412	0
"2013-08-07	02:00:00"	3.412	239.42	74.477	46.475	0.0566	26.406	0
"2013-08-07	03:00:00"	2.5594	230.83	73.627	48.189	0.07059	26.4	0
"2013-08-07	04:00:00"	2.4457	256.09	72.468	50.349	0.05236	26.391	0
"2013-08-07	05:00:00"	4.9088	222.79	72.019	51.832	0.05321	26.409	0
"2013-08-07	06:00:00"	4.8591	238.02	71.58	52.819	0.0744	26.412	0
"2013-08-07	07:00:00"	3.0652	241.07	69.171	57.094	0.08267	26.412	0
"2013-08-07	08:00:00"	3.2759	244.72	69.044	58.202	37.869	26.426	0
"2013-08-07	09:00:00"	6.6449	227.99	73.183	53.606	114.59	26.441	0
"2013-08-07	10:00:00"	7.4397	232.04	77.715	45.889	360.54	26.453	0
"2013-08-07	11:00:00"	10.664	268.47	86.772	33.637	627.19	26.45	0
"2013-08-07	12:00:00"	11.119	293.33	91.165	28.346	818.75	26.447	0
"2013-08-07	13:00:00"	10.766	302.04	93.162	25.328	882.69	26.444	0
"2013-08-07	14:00:00"	10.289	295.95	94.227	24.203	877.05	26.435	0
"2013-08-07	15:00:00"	8.6252	271.36	93.99	24.39	613.9	26.42	0
"2013-08-07	16:00:00"	13.279	212.71	84.272	40.747	127.57	26.447	0
"2013-08-07	17:00:00"	6.566	113.43	77.675	53.959	115.48	26.432	0
"2013-08-07	18:00:00"	5.2611	10.271	79.665	47.077	179.44	26.426	0
"2013-08-07	19:00:00"	6.3057	26.313	80.484	49.46	226.31	26.394	0
"2013-08-07	20:00:00"	5.3481	47.509	81.259	46.083	184.06	26.388	0
"2013-08-07	21:00:00"	4.0551	63.821	80.141	47.272	40.586	26.397	0
"2013-08-07	22:00:00"	3.6611	80.684	76.047	57.595	0.07144	26.397	0
"2013-08-07	23:00:00"	2.5277	93.199	74.328	58.124	0.06063	26.418	0
"2013-08-08	00:00:00"	3.932	119.71	73.186	64.15	0.05935	26.415	0
"2013-08-08	01:00:00"	3.6586	176.9	72.694	65.071	0.05533	26.418	0
"2013-08-08	02:00:00"	4.052	143.61	71.987	63.698	0.06614	0.26282	0
"2013-08-08	03:00:00"	4.0109	154.98	71.574	62.755	0.06041	26.394	0
"2013-08-08	04:00:00"	4.5379	170.49	70.108	66.379	0.05957	26.388	0
"2013-08-08	05:00:00"	3.7313	199.57	69.038	67.679	0.0566	26.382	0
"2013-08-08	06:00:00"	3.901	223	68.954	68.936	0.05363	26.388	0.04
"2013-08-08	07:00:00"	2.2618	239.52	68.319	74.948	0.0655	26.391	0
"2013-08-08	08:00:00"	3.2566	269.92	68.18	74.702	21.434	26.4	0
"2013-08-08	09:00:00"	4.948	260.03	72.213	64.959	149.74	26.418	0
"2013-08-08	10:00:00"	5.8838	249.28	78.221	50.815	315.82	26.423	0
"2013-08-08	11:00:00"	5.6464	298.3	82.392	41.299	484.61	26.432	0
"2013-08-08	12:00:00"	6.9538	310.48	85.312	35.352	612.94	26.435	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-08	13:00:00"	6.4759	300.11	88.406	28.854	769.36	26.432	0
"2013-08-08	14:00:00"	7.1955	294.31	90.046	25.425	850.14	26.418	0
"2013-08-08	15:00:00"	8.2388	280.17	92.149	21.961	857.82	26.409	0
"2013-08-08	16:00:00"	9.2945	293.52	93.273	20.364	810.07	26.391	0
"2013-08-08	17:00:00"	9.2385	279.3	93.904	19.987	678.17	26.373	0
"2013-08-08	18:00:00"	9.6213	284.81	94.195	20.193	540.8	26.358	0
"2013-08-08	19:00:00"	9.7145	299.83	93.953	20.153	361	26.347	0
"2013-08-08	20:00:00"	7.5229	287.47	93.234	20.722	175.24	26.353	0
"2013-08-08	21:00:00"	3.1982	292.03	91.183	21.008	31.641	26.373	0
"2013-08-08	22:00:00"	3.3032	99.464	85.791	24.575	0.05808	26.388	0
"2013-08-08	23:00:00"	4.7119	81.336	82.274	28.256	0.05893	26.403	0
"2013-08-09	00:00:00"	5.3481	82.653	80.083	30.914	0.05172	26.409	0
"2013-08-09	01:00:00"	5.1648	111.75	80.815	31.214	0.0407	26.403	0
"2013-08-09	02:00:00"	6.5567	145.08	79.393	34.797	0.06126	26.403	0
"2013-08-09	03:00:00"	7.1091	184.32	76.153	43.861	0.06762	26.403	0
"2013-08-09	04:00:00"	5.3183	277.92	76.191	47.413	0.05745	26.426	0
"2013-08-09	05:00:00"	9.753	18.853	71.698	63.59	0.0655	26.432	0
"2013-08-09	06:00:00"	12.537	34.136	68.352	75.086	0.06656	26.441	0
"2013-08-09	07:00:00"	12.904	32.478	66.964	78.082	0.05681	26.456	0
"2013-08-09	08:00:00"	14.416	30.242	65.6	73.717	32.098	26.474	0
"2013-08-09	09:00:00"	16.658	34.245	67.448	70.296	150.07	26.503	0
"2013-08-09	10:00:00"	18.065	39.168	70.615	65.445	314.84	0	0
"2013-08-09	11:00:00"	15.549	44.167	73.932	59.746	487.13	26.527	0
"2013-08-09	12:00:00"	13.181	47.086	78.051	52.556	642.73	26.533	0
"2013-08-09	13:00:00"	12.172	40.034	81.566	46.958	763.37	26.53	0
"2013-08-09	14:00:00"	11.669	46.594	84.395	42.574	832.82	26.527	0
"2013-08-09	15:00:00"	11.675	41.741	87.423	37.987	842.02	26.512	0
"2013-08-09	16:00:00"	11.857	50.879	89.134	34.642	789.14	26.497	0
"2013-08-09	17:00:00"	11.648	58.495	90.785	31.761	681.01	26.483	0
"2013-08-09	18:00:00"	10.911	60.958	91.702	30.326	528.53	26.477	0
"2013-08-09	19:00:00"	11.919	57.971	91.55	30.695	349.76	26.474	0
"2013-08-09	20:00:00"	13.086	55.776	90.592	31.888	172.25	26.474	0
"2013-08-09	21:00:00"	13.604	62.338	88.252	35.193	49.491	26.488	0
"2013-08-09	22:00:00"	12.423	107.08	84.044	42.384	0.04706	26.574	0
"2013-08-09	23:00:00"	9.4063	201.51	69.504	75.078	0.05363	26.607	0.47
"2013-08-10	00:00:00"	10.299	218.25	71.715	60.827	0.03879	26.621	0.01
"2013-08-10	01:00:00"	10.817	221.86	71.319	59.896	0.06296	26.562	0.03
"2013-08-10	02:00:00"	7.9393	72.474	74.85	48.838	0.05215	26.577	0
"2013-08-10	03:00:00"	8.9838	61.727	72.588	62.419	0.0602	26.577	0
"2013-08-10	04:00:00"	9.8723	72.42	70.985	71.693	0.05851	26.609	0
"2013-08-10	05:00:00"	10.933	59.934	69.481	74.056	0.07928	26.624	0
"2013-08-10	06:00:00"	11.1	29.678	68.331	76.496	0.06338	26.624	0
"2013-08-10	07:00:00"	10.647	26.884	68.47	75.296	0.07038	26.642	0
"2013-08-10	08:00:00"	12.096	41.699	69.016	72.837	11.353	26.657	0
"2013-08-10	09:00:00"	13	45.488	69.225	73.175	148.8	26.669	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-10	10:00:00"	11.761	61.093	72.397	63.779	379.83	26.672	0
"2013-08-10	11:00:00"	9.6051	61.484	74.55	57.71	408.68	26.669	0
"2013-08-10	12:00:00"	7.4024	70.659	78.857	49.667	785.95	26.669	0
"2013-08-10	13:00:00"	5.3425	105.24	81.293	46.838	740.95	26.663	0
"2013-08-10	14:00:00"	4.8678	57.652	83.054	44.466	587.13	26.648	0
"2013-08-10	15:00:00"	5.9546	32.123	83.974	42.575	670.97	26.624	0
"2013-08-10	16:00:00"	5.7663	71.292	86.165	37.363	719.26	26.598	0
"2013-08-10	17:00:00"	6.5058	76.441	87.012	36.193	503.51	26.58	0
"2013-08-10	18:00:00"	10.873	115.69	84.746	41.692	208.88	26.574	0
"2013-08-10	19:00:00"	8.2301	92.388	86.474	36.853	369.16	26.556	0
"2013-08-10	20:00:00"	9.4933	82.082	85.785	39.434	136.67	26.55	0
"2013-08-10	21:00:00"	6.0497	106.21	81.997	48.099	6.3238	26.562	0
"2013-08-10	22:00:00"	3.7574	87.376	78.976	58.084	0.06147	26.583	0
"2013-08-10	23:00:00"	4.6025	139.35	77.453	63.065	0.05978	26.601	0
"2013-08-11	00:00:00"	4.2191	115.65	76.53	61.963	0.06041	26.609	0
"2013-08-11	01:00:00"	5.6694	115.02	76.379	65.396	0.05851	26.609	0
"2013-08-11	02:00:00"	5.3879	128.14	76.132	65.802	0.07207	26.592	0
"2013-08-11	03:00:00"	3.1914	92.565	74.212	69.337	0.06126	26.586	0
"2013-08-11	04:00:00"	4.1514	59.871	72.606	75.966	0.06762	26.574	0
"2013-08-11	05:00:00"	5.5196	104.25	71.955	76.503	0.06529	26.577	0
"2013-08-11	06:00:00"	3.5567	93.707	70.918	76.379	0.06932	26.58	0
"2013-08-11	07:00:00"	4.4453	53.6	69.466	80.037	0.07483	26.601	0
"2013-08-11	08:00:00"	4.6205	10.702	69.548	80.465	11.329	26.624	0
"2013-08-11	09:00:00"	3.9731	29.76	72.141	74.163	92.65	26.639	0
"2013-08-11	10:00:00"	7.4011	24.666	76.255	61.784	477.1	26.636	0
"2013-08-11	11:00:00"	6.3883	58.004	78.51	56.191	597.01	26.636	0
"2013-08-11	12:00:00"	4.7485	113.61	81.291	50.857	743.81	26.627	0
"2013-08-11	13:00:00"	8.1319	153.82	83.706	46.681	836.17	26.609	0
"2013-08-11	14:00:00"	9.2168	173.92	85.7	41.386	804.07	26.589	0
"2013-08-11	15:00:00"	10.885	185.24	87.066	36.878	858.18	26.571	0
"2013-08-11	16:00:00"	9.9724	194.39	88.982	34.335	935.95	26.547	0
"2013-08-11	17:00:00"	7.7038	157.33	88.942	34.698	451.01	26.545	0
"2013-08-11	18:00:00"	12.143	31.153	84.34	45.119	302.23	26.547	0
"2013-08-11	19:00:00"	11.085	54.673	83.544	45.699	259.89	26.53	0
"2013-08-11	20:00:00"	9.5635	48.087	82.972	42.999	174.98	26.527	0
"2013-08-11	21:00:00"	7.8989	82.535	81.04	47.308	33.033	26.542	0
"2013-08-11	22:00:00"	6.0817	55.491	78.996	55.811	0.05999	26.542	0
"2013-08-11	23:00:00"	7.4217	76.84	77.048	60.817	0.04367	26.562	0
"2013-08-12	00:00:00"	6.9177	99.546	76.032	64.469	0.05469	26.559	0
"2013-08-12	01:00:00"	6.809	78.719	74.509	67.501	0.06762	26.559	0
"2013-08-12	02:00:00"	5.9956	85.504	73.265	69.966	0.05088	26.553	0
"2013-08-12	03:00:00"	5.665	98.379	72.645	69.034	0.06889	26.547	0
"2013-08-12	04:00:00"	4.9927	125.5	72.533	68.11	0.07886	26.553	0
"2013-08-12	05:00:00"	5.7154	150.78	72.116	69.906	0.05893	26.55	0
"2013-08-12	06:00:00"	6.6064	165.51	72.022	70.021	0.05194	26.553	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-12	07:00:00"	8.227	168.86	71.508	71.357	0.05723	26.556	0
"2013-08-12	08:00:00"	4.751	172.14	70.204	75.895	32.436	26.568	0
"2013-08-12	09:00:00"	7.3875	188.77	72.382	72.24	171.95	26.58	0
"2013-08-12	10:00:00"	10.659	184.11	75.685	65.08	385.82	26.58	0
"2013-08-12	11:00:00"	10.486	187.03	79.778	55.603	589.99	26.58	0
"2013-08-12	12:00:00"	10.426	187.39	82.871	47.456	765.65	26.583	0
"2013-08-12	13:00:00"	8.9297	175.33	84.91	42.201	896.8	26.574	0
"2013-08-12	14:00:00"	6.8705	166.11	86.729	37.916	924.49	26.562	0
"2013-08-12	15:00:00"	7.7417	127.84	88.284	35.716	904.26	26.545	0
"2013-08-12	16:00:00"	6.9712	118.67	89.744	32.857	879.5	26.521	0
"2013-08-12	17:00:00"	6.6698	141.51	90.994	31.27	778.92	26.497	0
"2013-08-12	18:00:00"	6.7829	168.63	91.566	29.152	617.9	26.488	0
"2013-08-12	19:00:00"	6.9078	135.26	91.468	29.697	394.22	26.477	0
"2013-08-12	20:00:00"	7.4894	130.1	90.561	29.364	173.36	26.471	0
"2013-08-12	21:00:00"	6.0366	115.4	87.556	33.219	16.733	26.48	0
"2013-08-12	22:00:00"	4.9629	110	83.849	38.271	0.07334	26.497	0
"2013-08-12	23:00:00"	6.2448	129.55	81.927	42.713	0.05257	26.521	0
"2013-08-13	00:00:00"	5.5905	148.13	79.234	48.203	0.04473	26.518	0
"2013-08-13	01:00:00"	8.396	169.98	78.389	50.005	0.06211	26.515	0
"2013-08-13	02:00:00"	9.7412	181.31	78.149	49.599	0.05511	26.521	0
"2013-08-13	03:00:00"	9.0167	188.78	76.752	52.627	0.04833	26.518	0
"2013-08-13	04:00:00"	8.445	186.99	75.496	56.176	0.06593	26.524	0
"2013-08-13	05:00:00"	6.6269	184.54	73.984	60.855	0.06232	26.527	0
"2013-08-13	06:00:00"	4.6771	182.38	72.095	65.229	0.05554	26.527	0
"2013-08-13	07:00:00"	3.9538	185.17	70.818	68.022	0.07207	26.524	0
"2013-08-13	08:00:00"	2.4439	265.32	70.432	69.138	31.53	26.533	0
"2013-08-13	09:00:00"	4.7131	193.49	74.161	61.583	184.6	26.545	0
"2013-08-13	10:00:00"	8.0965	178.4	77.812	54.932	391.54	26.553	0
"2013-08-13	11:00:00"	5.9509	186.85	81.115	48.694	594.75	26.562	0
"2013-08-13	12:00:00"	3.6822	187.66	84.446	41.586	770.82	26.562	0
"2013-08-13	13:00:00"	6.1149	114.03	86.579	37.25	898.73	26.553	0
"2013-08-13	14:00:00"	8.3413	97.802	89.332	33.201	892.66	26.539	0
"2013-08-13	15:00:00"	8.8924	82.24	90.644	30.809	940.37	26.518	0
"2013-08-13	16:00:00"	9.7468	100.64	91.922	29.227	941.52	26.497	0
"2013-08-13	17:00:00"	8.3947	114.96	92.809	27.591	728.13	26.474	0
"2013-08-13	18:00:00"	8.1281	127.55	92.742	27.354	486.35	26.465	0
"2013-08-13	19:00:00"	7.4658	127.89	92.42	27.211	348.49	26.471	0
"2013-08-13	20:00:00"	7.6578	111.21	91.29	28.364	136.59	26.462	0
"2013-08-13	21:00:00"	6.6244	106.27	88.242	31.657	9.5236	26.465	0
"2013-08-13	22:00:00"	6.0298	118.13	84.536	37.814	0.06169	26.485	0
"2013-08-13	23:00:00"	5.9036	105.76	82.546	40.905	0.06084	26.503	0
"2013-08-14	00:00:00"	7.2632	115.04	81.766	42.236	0.07228	26.512	0
"2013-08-14	01:00:00"	7.4751	99.653	79.597	46.282	0.06253	26.524	0
"2013-08-14	02:00:00"	8.4221	67.982	77.727	55.891	0.05872	26.527	0
"2013-08-14	03:00:00"	11.354	47.926	75.577	65.802	0.03582	26.536	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-14	04:00:00"	14.241	48.688	74.295	71.114	0.05978	26.547	0
"2013-08-14	05:00:00"	14.622	56.198	72.306	70.293	0.05745	26.539	0
"2013-08-14	06:00:00"	14.083	63.319	70.881	69.11	0.05957	26.545	0
"2013-08-14	07:00:00"	13.09	69.229	69.061	69.706	0.04579	26.556	0
"2013-08-14	08:00:00"	11.133	63.44	68.503	72.99	7.7985	26.601	0
"2013-08-14	09:00:00"	15.051	25.124	69.183	68.947	56.833	26.621	0
"2013-08-14	10:00:00"	17.843	27.299	69.571	64.071	101.71	26.648	0
"2013-08-14	11:00:00"	14.311	48.094	64.555	82.026	28.738	26.624	0.14
"2013-08-14	12:00:00"	11.072	98.453	66.537	82.034	173.48	26.601	0.01
"2013-08-14	13:00:00"	8.4631	68.557	70.982	71.243	341.8	26.612	0
"2013-08-14	14:00:00"	5.6793	49.196	74.441	59.428	295.35	26.592	0
"2013-08-14	15:00:00"	4.4677	46.603	76.024	55.2	328.83	26.568	0
"2013-08-14	16:00:00"	5.8216	19.02	79.407	46.141	934.97	26.545	0
"2013-08-14	17:00:00"	6.8649	52.285	82.239	41.586	785.9	26.518	0
"2013-08-14	18:00:00"	7.5453	56.977	83.708	38.878	609.54	26.515	0
"2013-08-14	19:00:00"	6.7847	106.21	83.724	39.671	336.54	26.497	0
"2013-08-14	20:00:00"	8.345	97.279	82.395	46.333	190.43	26.503	0
"2013-08-14	21:00:00"	6.5026	78.751	79.187	52.177	17.814	26.521	0
"2013-08-14	22:00:00"	7.2949	68.07	75.23	64.443	0.0549	26.536	0
"2013-08-14	23:00:00"	7.6528	85.035	73.049	72.046	0.06529	26.55	0
"2013-08-15	00:00:00"	9.8388	109.11	72.277	72.901	0.0797	26.547	0
"2013-08-15	01:00:00"	10.816	115.53	71.945	76.032	0.0496	26.556	0
"2013-08-15	02:00:00"	7.2794	106.71	71.059	81.526	0.05024	26.547	0
"2013-08-15	03:00:00"	5.4898	77.157	69.8	83.073	0.05999	26.556	0
"2013-08-15	04:00:00"	9.2882	65.121	69.616	82.378	0.06465	26.55	0.01
"2013-08-15	05:00:00"	10.314	81.831	68.484	86.045	0.06868	26.556	0.01
"2013-08-15	06:00:00"	6.571	86.868	66.557	83.577	0.07907	26.553	0
"2013-08-15	07:00:00"	5.4314	59.108	64.3	83.457	0.06105	26.565	0
"2013-08-15	08:00:00"	6.0708	41.374	63.624	85.354	26.808	26.577	0
"2013-08-15	09:00:00"	2.8297	52.651	67.993	74.344	183.85	26.592	0
"2013-08-15	10:00:00"	4.4204	147.59	73.293	66.572	395.36	26.598	0
"2013-08-15	11:00:00"	3.4045	184.02	76.604	60.86	587.9	26.589	0
"2013-08-15	12:00:00"	4.0464	237.27	80.976	50.139	782.03	26.58	0
"2013-08-15	13:00:00"	5.4351	240.44	83.763	45.613	867.83	26.559	0
"2013-08-15	14:00:00"	4.5472	283.37	85.896	41.231	956.51	26.545	0
"2013-08-15	15:00:00"	4.3266	27.183	87.97	36.922	889.56	26.521	0
"2013-08-15	16:00:00"	5.46	99.661	89.249	35.206	669.86	26.506	0
"2013-08-15	17:00:00"	5.8024	153.76	90.342	33.398	594.15	26.48	0
"2013-08-15	18:00:00"	7.8777	75.258	91.06	32.139	588.44	26.474	0
"2013-08-15	19:00:00"	6.5356	120.48	91.01	31.005	364.79	26.465	0
"2013-08-15	20:00:00"	5.1468	105.98	90.564	30.337	177.5	26.48	0
"2013-08-15	21:00:00"	6.9749	107.44	87.592	35.24	18.424	26.497	0
"2013-08-15	22:00:00"	6.7816	112.81	83.458	41.944	0.03922	26.512	0
"2013-08-15	23:00:00"	8.8781	113.61	81.414	45.424	0.05893	26.521	0
"2013-08-16	00:00:00"	8.3761	116.44	79.754	45.033	0.04409	26.536	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-16	01:00:00"	6.2243	114.02	77.646	48.267	0.06826	26.553	0
"2013-08-16	02:00:00"	4.2775	224.31	75.427	52.013	0.07695	26.545	0
"2013-08-16	03:00:00"	5.0524	167.25	74.311	54.341	0.06275	26.527	0
"2013-08-16	04:00:00"	2.0592	246.55	72.752	58.143	0.06508	26.527	0
"2013-08-16	05:00:00"	2.2214	231.36	72.387	58.981	0.05745	26.518	0
"2013-08-16	06:00:00"	2.762	301.35	71.129	61.359	0.0672	26.503	0
"2013-08-16	07:00:00"	2.7309	4.0844	69.679	62.451	0.06381	26.515	0
"2013-08-16	08:00:00"	2.8335	359.93	68.64	63.523	30.722	26.527	0
"2013-08-16	09:00:00"	1.528	45.994	74.189	51.69	189.07	26.542	0
"2013-08-16	10:00:00"	2.8123	208.43	80.538	38.916	400.31	26.55	0
"2013-08-16	11:00:00"	10.641	78.409	83.05	39.343	609.1	26.583	0
"2013-08-16	12:00:00"	16.357	104.61	79.728	54.589	778.06	26.589	0
"2013-08-16	13:00:00"	13.471	122.76	81.928	49.587	895.15	26.58	0
"2013-08-16	14:00:00"	11.919	136.14	84.469	42.361	956.83	26.556	0
"2013-08-16	15:00:00"	9.8525	151.05	87.339	37.07	953.41	26.539	0
"2013-08-16	16:00:00"	9.0882	165.01	89.084	35.178	886.85	26.515	0
"2013-08-16	17:00:00"	9.2249	153.8	90.015	34.24	749.67	26.506	0
"2013-08-16	18:00:00"	8.2841	158.76	90.229	32.301	563.59	26.506	0
"2013-08-16	19:00:00"	7.1955	132.88	90.242	29.765	363.89	26.497	0
"2013-08-16	20:00:00"	8.619	124.31	89.237	29.597	147.74	26.503	0
"2013-08-16	21:00:00"	7.2141	108.28	86.082	32.607	17.214	26.524	0
"2013-08-16	22:00:00"	6.1311	107.73	82.627	37.091	0.07144	26.542	0
"2013-08-16	23:00:00"	6.9506	107.91	80.101	39.833	0.0477	26.556	0
"2013-08-17	00:00:00"	7.636	102.59	77.891	42.786	0.05342	26.577	0
"2013-08-17	01:00:00"	9.5032	96.51	77.02	45.536	0.07356	26.595	0
"2013-08-17	02:00:00"	9.0975	34.266	75.535	54.543	0.05024	26.571	0.01
"2013-08-17	03:00:00"	8.629	129.41	74.303	57.502	0.0761	26.58	0
"2013-08-17	04:00:00"	5.2817	114.94	72.136	60.098	0.05978	26.562	0
"2013-08-17	05:00:00"	4.7069	121.2	69.225	66.221	0.0619	26.562	0
"2013-08-17	06:00:00"	4.6168	88.214	67.542	68.667	0.06995	26.559	0
"2013-08-17	07:00:00"	5.0872	66.16	65.274	72.636	0.06508	26.571	0
"2013-08-17	08:00:00"	5.1617	68.861	64.332	75.421	26.949	26.586	0
"2013-08-17	09:00:00"	8.4743	107.12	68.597	67.727	176.66	26.595	0
"2013-08-17	10:00:00"	10.65	134.51	73.212	56.493	387.4	26.595	0
"2013-08-17	11:00:00"	11.124	155.8	77.931	45.974	595	26.598	0
"2013-08-17	12:00:00"	11.004	161.81	81.7	41.084	769.04	26.586	0
"2013-08-17	13:00:00"	9.3678	152.06	85.046	36.81	891.71	26.571	0
"2013-08-17	14:00:00"	8.9005	174.26	87.98	33.157	952.84	26.545	0
"2013-08-17	15:00:00"	8.501	157.29	90.301	30.299	948.44	26.518	0
"2013-08-17	16:00:00"	9.0888	138.46	91.536	28.561	875.23	26.497	0
"2013-08-17	17:00:00"	7.9964	118.13	92.741	25.973	720.44	26.477	0
"2013-08-17	18:00:00"	7.8274	128.27	93.384	24.584	563.46	26.459	0
"2013-08-17	19:00:00"	7.3608	165.76	93.437	23.876	356.6	26.456	0
"2013-08-17	20:00:00"	6.6325	166.79	92.156	24.447	119.13	26.459	0
"2013-08-17	21:00:00"	4.7293	141.03	87.93	28.039	8.4298	26.471	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-17	22:00:00"	5.1636	113.46	83.829	32.309	0.06317	26.485	0
"2013-08-17	23:00:00"	5.5563	114.23	81.579	34.795	0.04218	26.506	0
"2013-08-18	00:00:00"	6.7767	88.719	78.312	38.986	0.06593	26.512	0
"2013-08-18	01:00:00"	9.1354	112.47	77.191	39.312	0.05617	26.524	0
"2013-08-18	02:00:00"	9.1702	125.87	76.771	38.972	0.06041	26.533	0
"2013-08-18	03:00:00"	7.3328	124.46	74.912	42.561	0.05575	26.524	0
"2013-08-18	04:00:00"	6.543	125.67	73.177	45.228	0.05024	26.524	0
"2013-08-18	05:00:00"	5.1481	121.26	71.651	48.069	0.06359	26.521	0
"2013-08-18	06:00:00"	4.9281	74.725	68.473	53.727	0.04791	26.512	0
"2013-08-18	07:00:00"	5.2077	77.679	66.324	57.982	0.08161	26.521	0
"2013-08-18	08:00:00"	6.0584	67.016	65.259	60.255	19.238	26.539	0
"2013-08-18	09:00:00"	7.221	98.423	68.936	53.881	162.9	26.545	0
"2013-08-18	10:00:00"	9.5909	159.3	74.317	43.292	364.24	26.55	0
"2013-08-18	11:00:00"	8.5097	182.99	79.655	37.219	574.68	26.559	0
"2013-08-18	12:00:00"	7.9529	192.41	84.677	32.704	757.58	26.553	0
"2013-08-18	13:00:00"	6.9333	227.15	88.358	29.288	894.69	26.539	0
"2013-08-18	14:00:00"	5.3786	256.05	91.201	26.533	952.76	26.524	0
"2013-08-18	15:00:00"	4.0439	10.74	93.654	21.677	949.09	26.5	0
"2013-08-18	16:00:00"	5.0151	325.47	95.687	19.668	903.98	26.477	0
"2013-08-18	17:00:00"	5.3817	141.58	95.684	20.222	421.45	26.462	0
"2013-08-18	18:00:00"	3.7382	151.48	94.783	20.529	198.99	26.453	0
"2013-08-18	19:00:00"	4.2893	148.56	94.906	19.549	218.18	26.45	0
"2013-08-18	20:00:00"	10.391	128.69	93.718	21.795	153.62	26.45	0
"2013-08-18	21:00:00"	8.373	178.01	87.347	27.615	8.607	26.48	0
"2013-08-18	22:00:00"	11.638	191.91	81.194	37.797	0.05787	26.506	0
"2013-08-18	23:00:00"	8.1468	194.57	77.809	45.212	0.04897	26.518	0
"2013-08-19	00:00:00"	5.2375	184.6	75.496	47.785	0.06805	26.515	0
"2013-08-19	01:00:00"	5.1574	170.76	72.502	54.386	0.06317	26.515	0
"2013-08-19	02:00:00"	2.3277	225.84	70.475	59.483	0.0778	26.518	0
"2013-08-19	03:00:00"	2.2463	254.37	69.492	61.343	0.07038	26.518	0
"2013-08-19	04:00:00"	2.9969	145.01	69.184	61.398	0.07123	26.5	0
"2013-08-19	05:00:00"	4.9194	152.33	69.29	61.09	0.04791	26.488	0
"2013-08-19	06:00:00"	2.5253	213.95	67.648	63.676	0.06741	26.485	0
"2013-08-19	07:00:00"	4.0762	60.283	64.601	68.989	0.07907	26.494	0
"2013-08-19	08:00:00"	3.9643	53.728	64.894	68.163	19.981	26.509	0
"2013-08-19	09:00:00"	4.1073	147.24	70.301	58.568	164.94	26.521	0
"2013-08-19	10:00:00"	7.1097	198.26	75.895	48.104	345.93	26.527	0
"2013-08-19	11:00:00"	8.5128	193.97	81.54	39.386	492.97	26.533	0
"2013-08-19	12:00:00"	9.2615	195.9	85.649	33.115	760.4	26.53	0
"2013-08-19	13:00:00"	7.8628	193.24	89.897	26.842	891.19	26.521	0
"2013-08-19	14:00:00"	9.41	185.14	92.898	22.881	955.8	26.503	0
"2013-08-19	15:00:00"	8.9173	187.84	94.436	20.54	950.99	26.488	0
"2013-08-19	16:00:00"	9.9718	198.57	95.52	18.755	889.18	26.468	0
"2013-08-19	17:00:00"	8.8757	166.72	95.972	17.907	786.9	26.447	0
"2013-08-19	18:00:00"	9.4287	184.92	95.921	17.94	583.01	26.438	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-19	19:00:00"	9.1255	200.17	94.842	18.332	346.08	26.435	0
"2013-08-19	20:00:00"	8.2226	190.33	93.51	18.692	140.95	26.435	0
"2013-08-19	21:00:00"	6.379	182.54	89.426	21.139	7.8127	26.438	0
"2013-08-19	22:00:00"	5.2841	164.01	83.968	25.218	0.07017	26.456	0
"2013-08-19	23:00:00"	5.1636	169.46	81.236	28.039	0.07144	26.471	0
"2013-08-20	00:00:00"	4.8995	181.72	78.832	31.1	0.06614	26.485	0
"2013-08-20	01:00:00"	6.5207	182.23	77.517	34.403	0.05024	26.488	0
"2013-08-20	02:00:00"	4.8405	194.29	75.239	39.262	0.07229	26.491	0
"2013-08-20	03:00:00"	3.9438	193.4	72.726	45.236	0.06571	26.48	0
"2013-08-20	04:00:00"	4.1147	193	71.33	49.353	0.05808	26.483	0
"2013-08-20	05:00:00"	3.4927	159.69	69.993	53.241	0.07907	26.474	0
"2013-08-20	06:00:00"	5.0437	157.66	70.319	53.582	0.07334	26.474	0
"2013-08-20	07:00:00"	2.8415	169.78	69.294	55.211	0.06317	26.48	0
"2013-08-20	08:00:00"	2.099	87.928	68.022	57.605	15.981	26.491	0
"2013-08-20	09:00:00"	6.2286	148.2	71.849	51.878	162.65	26.503	0
"2013-08-20	10:00:00"	9.3933	179.04	77.432	42.587	373.87	26.512	0
"2013-08-20	11:00:00"	9.4206	189.73	82.918	33.406	585.56	26.521	0
"2013-08-20	12:00:00"	9.3684	197.66	86.584	27.779	764.25	26.518	0
"2013-08-20	13:00:00"	11.182	204.97	89.241	22.799	801.61	26.506	0
"2013-08-20	14:00:00"	12.221	204.86	91.23	20.133	940.28	26.491	0
"2013-08-20	15:00:00"	11.304	198.74	92.822	19.649	929.61	26.48	0
"2013-08-20	16:00:00"	11.989	187.37	93.303	20.989	843.25	26.471	0
"2013-08-20	17:00:00"	10.459	177.62	93.734	21.12	687.83	26.459	0
"2013-08-20	18:00:00"	11.748	172.49	92.924	22.652	490.26	26.453	0
"2013-08-20	19:00:00"	12.088	156	92.137	23.525	314.68	26.45	0
"2013-08-20	20:00:00"	12.242	155.95	89.982	26.248	120.96	26.456	0
"2013-08-20	21:00:00"	10.406	154.92	86.822	30.104	5.8002	26.471	0
"2013-08-20	22:00:00"	8.7464	147.96	83.734	33.939	0.04854	26.494	0
"2013-08-20	23:00:00"	6.4616	142.43	80.948	37.752	0.06571	26.509	0
"2013-08-21	00:00:00"	6.3137	150.33	79.158	40.346	0.06487	26.512	0
"2013-08-21	01:00:00"	5.1835	143.15	77.011	43.133	0.06932	26.515	0
"2013-08-21	02:00:00"	6.2323	129.9	75.398	44.967	0.06593	26.521	0
"2013-08-21	03:00:00"	6.8941	135.39	74.077	44.45	0.0549	26.515	0
"2013-08-21	04:00:00"	5.6197	135.99	71.865	46.801	0.06741	26.512	0
"2013-08-21	05:00:00"	5.3556	138.86	70.14	49.102	0.07165	26.512	0
"2013-08-21	06:00:00"	6.2336	149.32	69.973	48.841	0.05045	26.515	0
"2013-08-21	07:00:00"	7.1091	154.27	68.953	50.116	0.05554	26.533	0
"2013-08-21	08:00:00"	5.529	168.06	67.412	53.036	23.694	26.553	0
"2013-08-21	09:00:00"	6.3237	183.82	69.335	56.083	170.84	26.565	0
"2013-08-21	10:00:00"	11.127	182.03	74.171	56.379	383.52	26.571	0
"2013-08-21	11:00:00"	11.075	185.16	78.981	44.218	591.24	26.58	0
"2013-08-21	12:00:00"	10.346	194.71	83.03	33.464	772.56	26.583	0
"2013-08-21	13:00:00"	10.043	176.82	85.616	29.352	905.1	26.577	0
"2013-08-21	14:00:00"	8.6507	155.96	87.145	27.739	960.27	26.562	0
"2013-08-21	15:00:00"	7.8647	159	88.597	25.524	829.63	26.545	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-21	16:00:00"	9.6555	113.79	89.97	22.505	866.44	26.53	0
"2013-08-21	17:00:00"	9.2603	118.55	90.395	21.901	757.58	26.509	0
"2013-08-21	18:00:00"	8.4904	129.49	90.534	20.858	573.54	26.494	0
"2013-08-21	19:00:00"	8.0828	117.83	89.86	21.31	356.69	26.488	0
"2013-08-21	20:00:00"	8.2058	121.51	88.157	22.825	121.38	26.491	0
"2013-08-21	21:00:00"	6.1205	116.52	84.729	25.985	8.048	26.506	0
"2013-08-21	22:00:00"	6.497	110.86	81.043	29.062	0.07271	26.53	0
"2013-08-21	23:00:00"	7.8411	144.34	79.353	33.713	0.0655	26.55	0
"2013-08-22	00:00:00"	4.8908	128.67	76.323	37.957	0.06084	26.562	0
"2013-08-22	01:00:00"	4.9784	134.44	74.78	38.06	0.05723	26.562	0
"2013-08-22	02:00:00"	4.9474	126.73	73.49	39.855	0.05851	26.559	0
"2013-08-22	03:00:00"	5.6557	111.02	72.234	41.816	0.05787	26.553	0
"2013-08-22	04:00:00"	4.2539	108.87	70.2	45.888	0.05872	26.55	0
"2013-08-22	05:00:00"	3.9774	166.17	68.417	52.392	0.07313	26.545	0
"2013-08-22	06:00:00"	3.9886	163.76	67.379	60.763	0.05109	26.547	0
"2013-08-22	07:00:00"	2.0953	119.1	66.604	68.542	0.05427	26.559	0
"2013-08-22	08:00:00"	3.5735	113.38	66.198	72.824	26.962	26.577	0
"2013-08-22	09:00:00"	5.3481	163.15	70.308	68.97	184.76	26.589	0
"2013-08-22	10:00:00"	6.8898	162.32	74.634	60.859	399.79	26.595	0
"2013-08-22	11:00:00"	6.7089	166.21	79.183	51.298	608.19	26.601	0
"2013-08-22	12:00:00"	7.8492	129.85	83.07	42.123	752.02	26.589	0
"2013-08-22	13:00:00"	10.284	131.69	85.058	36.895	720.34	26.577	0
"2013-08-22	14:00:00"	12.121	142.4	86.842	33.951	882.49	26.556	0
"2013-08-22	15:00:00"	11.694	145.36	88.234	30.938	950.71	26.533	0
"2013-08-22	16:00:00"	11.295	161.39	89.782	28.548	919.53	26.509	0
"2013-08-22	17:00:00"	10.406	142.37	90.149	27.955	685.47	26.494	0
"2013-08-22	18:00:00"	9.1018	146.96	88.681	29.245	324.4	26.48	0
"2013-08-22	19:00:00"	8.5724	165.31	88.719	29.075	203.9	26.468	0
"2013-08-22	20:00:00"	8.5358	157	87.51	30.747	76.115	26.474	0
"2013-08-22	21:00:00"	7.9405	162.4	84.973	33.592	8.8771	26.488	0
"2013-08-22	22:00:00"	3.9351	192.17	81.217	38.84	0.07313	26.512	0
"2013-08-22	23:00:00"	5.7191	159.98	80.755	37.895	0.05321	26.521	0
"2013-08-23	00:00:00"	6.7767	164.67	80.629	37.496	0.06105	26.536	0
"2013-08-23	01:00:00"	8.9204	163	79.335	39.652	0.05999	26.539	0
"2013-08-23	02:00:00"	9.123	181.22	76.914	43.269	0.06275	26.527	0
"2013-08-23	03:00:00"	7.6174	183.7	74.914	47.134	0.04897	26.53	0
"2013-08-23	04:00:00"	4.234	181.38	72.477	51.88	0.06232	26.524	0
"2013-08-23	05:00:00"	3.9227	162.74	71.216	55.762	0.06974	26.527	0
"2013-08-23	06:00:00"	4.0054	82.152	69.582	59.709	0.05893	26.524	0
"2013-08-23	07:00:00"	5.0138	51.33	67.435	63.081	0.07165	26.533	0
"2013-08-23	08:00:00"	5.6514	72.9	66.676	65.531	18.28	26.539	0
"2013-08-23	09:00:00"	8.4898	127	72.864	59.817	176.49	26.55	0
"2013-08-23	10:00:00"	12.672	167.3	77.922	52.679	389.92	26.55	0
"2013-08-23	11:00:00"	12.747	179.08	81.398	45.599	600.23	26.565	0
"2013-08-23	12:00:00"	11.715	183.23	84.038	39.862	767.07	26.562	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-23	13:00:00"	10.801	176.13	86.135	34.615	873.19	26.545	0
"2013-08-23	14:00:00"	10.392	156.06	88.089	30.726	893.63	26.527	0
"2013-08-23	15:00:00"	11.373	165.44	89.724	28.766	981.04	26.506	0
"2013-08-23	16:00:00"	12.181	170.45	89.335	29.035	556.43	26.48	0
"2013-08-23	17:00:00"	11.448	163.18	89.057	27.384	292.54	26.465	0
"2013-08-23	18:00:00"	13.09	180.2	88.721	28.387	247.38	26.462	0
"2013-08-23	19:00:00"	14.792	207.96	86.193	34.674	156.79	26.465	0
"2013-08-23	20:00:00"	12.332	214.66	83.386	40.218	77.093	26.465	0
"2013-08-23	21:00:00"	11.31	149.4	79.459	47.776	13.608	26.512	0
"2013-08-23	22:00:00"	13.259	42.83	71.745	63.734	0.05257	26.524	0
"2013-08-23	23:00:00"	4.4795	59.412	72.653	60.461	0.07928	26.527	0
"2013-08-24	00:00:00"	4.4391	90.826	72.152	61.759	0.04897	26.515	0
"2013-08-24	01:00:00"	4.6913	135.01	72.323	58.624	0.05978	26.527	0
"2013-08-24	02:00:00"	4.3639	113	71.157	60.302	0.06826	26.527	0
"2013-08-24	03:00:00"	4.4372	120.44	71.135	60.055	0.06762	26.536	0
"2013-08-24	04:00:00"	4.3415	82.371	69.259	64.736	0.05851	26.539	0
"2013-08-24	05:00:00"	4.6118	77.752	69.727	64.592	0.06253	26.542	0
"2013-08-24	06:00:00"	3.9824	55.9	68.983	67.507	0.05999	26.55	0
"2013-08-24	07:00:00"	4.4397	84.933	67.768	73.459	0.05829	26.559	0
"2013-08-24	08:00:00"	4.3937	102.79	68.316	69.114	31.392	26.571	0
"2013-08-24	09:00:00"	7.4328	144.88	73.05	60.516	181.81	26.586	0
"2013-08-24	10:00:00"	11.85	169.11	77.416	53.374	366.63	26.592	0
"2013-08-24	11:00:00"	12.176	171.96	80.821	46.391	596.78	26.598	0
"2013-08-24	12:00:00"	12.383	167.74	83.419	40.429	768.44	26.595	0
"2013-08-24	13:00:00"	11.671	160.24	85.83	36.368	858.14	26.577	0
"2013-08-24	14:00:00"	11.942	161.18	87.254	34.252	826.02	26.559	0
"2013-08-24	15:00:00"	12.27	149.54	88.185	32.824	821	26.55	0
"2013-08-24	16:00:00"	11.394	133.51	88.034	31.995	436.14	26.527	0
"2013-08-24	17:00:00"	11.448	146.67	90.065	28.351	735.37	26.509	0
"2013-08-24	18:00:00"	12.122	177.43	85.074	37.241	112.48	26.524	0
"2013-08-24	19:00:00"	11.618	180.56	83.533	40.236	125.03	26.509	0
"2013-08-24	20:00:00"	8.8638	150.11	84.928	35.303	62.903	26.512	0
"2013-08-24	21:00:00"	5.3593	114.94	83.024	37.635	5.1295	26.527	0
"2013-08-24	22:00:00"	4.4583	97.683	79.704	41.269	0.06381	26.545	0
"2013-08-24	23:00:00"	5.0082	102.41	78.108	43.047	0.06253	26.574	0
"2013-08-25	00:00:00"	6.8456	116.65	78.022	43.677	0.05914	26.586	0
"2013-08-25	01:00:00"	7.1315	132.33	78.16	44.609	0.07377	26.589	0
"2013-08-25	02:00:00"	5.3649	124.72	75.28	50.768	0.04367	26.586	0
"2013-08-25	03:00:00"	4.8771	129.04	73.715	55.117	0.06571	26.586	0
"2013-08-25	04:00:00"	4.3577	103.57	71.698	58.561	0.06232	26.583	0
"2013-08-25	05:00:00"	4.7951	100.97	71.161	59.772	0.05257	26.583	0
"2013-08-25	06:00:00"	5.5613	99.89	70.639	61.224	0.07271	26.601	0
"2013-08-25	07:00:00"	5.5022	94.569	69.971	62.968	0.0725	26.607	0
"2013-08-25	08:00:00"	5.6607	74.893	68.234	66.86	22.351	26.633	0
"2013-08-25	09:00:00"	6.9693	115.75	72.752	60.151	165.77	26.642	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-25	10:00:00"	8.8309	159.4	77.383	52.551	377.17	26.654	0
"2013-08-25	11:00:00"	8.0716	192.82	81.543	45.638	587.51	26.66	0
"2013-08-25	12:00:00"	7.5496	182.44	84.287	40.554	742.31	26.651	0
"2013-08-25	13:00:00"	6.9165	154.74	86.219	36.764	820.4	26.636	0
"2013-08-25	14:00:00"	8.4127	159.69	87.828	33.193	779.6	26.615	0
"2013-08-25	15:00:00"	10.245	133.93	90.142	29.493	1035.7	26.604	0
"2013-08-25	16:00:00"	10.875	144.9	90.07	29.198	655.1	26.592	0
"2013-08-25	17:00:00"	9.8189	116.57	88.82	31.327	279.22	26.577	0
"2013-08-25	18:00:00"	9.973	127.42	90.973	28.18	584.34	26.565	0
"2013-08-25	19:00:00"	13.596	112.49	89.899	29.846	331.82	26.559	0
"2013-08-25	20:00:00"	12.046	115.79	88.271	30.132	126.51	26.556	0
"2013-08-25	21:00:00"	9.1242	116.41	85.207	35.036	6.419	26.574	0
"2013-08-25	22:00:00"	5.4016	101.59	82.101	38.489	0.05957	26.595	0
"2013-08-25	23:00:00"	6.2852	104.54	80.07	40.392	0.05109	26.618	0
"2013-08-26	00:00:00"	6.1491	95.705	77.917	43.549	0.06571	26.63	0
"2013-08-26	01:00:00"	6.3386	105.07	76.936	45.687	0.06465	26.63	0
"2013-08-26	02:00:00"	5.4587	83.939	73.6	50.279	0.06211	26.627	0
"2013-08-26	03:00:00"	7.0451	106.65	73.919	51.156	0.07038	26.621	0
"2013-08-26	04:00:00"	6.8922	105.84	72.942	54.328	0.04664	26.615	0
"2013-08-26	05:00:00"	6.479	97.879	71.273	58.103	0.06105	26.612	0
"2013-08-26	06:00:00"	7.4639	101.09	70.287	61.514	0.05257	26.618	0
"2013-08-26	07:00:00"	7.5024	99.578	69.473	65.407	0.07631	26.63	0
"2013-08-26	08:00:00"	7.1209	101.63	68.665	68.998	21.867	26.642	0
"2013-08-26	09:00:00"	7.718	114.54	71.579	65.883	170.06	26.657	0
"2013-08-26	10:00:00"	9.9668	136.96	75.203	59.59	339.97	26.663	0
"2013-08-26	11:00:00"	10.67	149.74	78.743	52.469	596.34	26.672	0
"2013-08-26	12:00:00"	8.9011	152.44	80.531	49.049	650.72	26.666	0
"2013-08-26	13:00:00"	9.2901	132.27	82.43	43.336	677.31	26.645	0
"2013-08-26	14:00:00"	10.949	115.01	84.748	36.823	780.52	26.63	0
"2013-08-26	15:00:00"	11.328	109.46	85.508	34.896	691.52	26.607	0
"2013-08-26	16:00:00"	11.103	113.26	86.746	33.399	767.56	26.589	0
"2013-08-26	17:00:00"	10.833	112.69	87.575	32.174	577.7	26.574	0
"2013-08-26	18:00:00"	10.636	127.94	87.422	31.626	351.69	26.565	0
"2013-08-26	19:00:00"	11.004	101.96	87.518	31.752	320.82	26.559	0
"2013-08-26	20:00:00"	11.484	97.301	85.961	33.659	131.37	26.556	0
"2013-08-26	21:00:00"	10.217	99.217	83.505	36.026	5.9159	26.562	0
"2013-08-26	22:00:00"	8.6371	95.919	81.006	40.217	0.05427	26.568	0
"2013-08-26	23:00:00"	6.4107	93.989	78.449	43.82	0.05088	26.574	0
"2013-08-27	00:00:00"	6.7816	108.1	76.821	47.812	0.06783	26.586	0
"2013-08-27	01:00:00"	8.716	125.19	75.853	52.106	0.04939	26.583	0
"2013-08-27	02:00:00"	6.1255	120.04	73.965	56.385	0.0672	26.574	0
"2013-08-27	03:00:00"	5.1126	107.94	71.537	60.85	0.08119	26.568	0
"2013-08-27	04:00:00"	5.1294	89.312	69.702	64.348	0.05639	26.559	0
"2013-08-27	05:00:00"	5.0915	70.213	67.302	68.555	0.07822	26.556	0
"2013-08-27	06:00:00"	5.9123	75.36	65.89	71.537	0.07546	26.562	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-27	07:00:00"	5.5457	98.15	65.796	72.593	0.06805	26.58	0
"2013-08-27	08:00:00"	3.8482	101.44	66.359	72.571	32.198	26.589	0
"2013-08-27	09:00:00"	5.2475	149.83	69.915	71.431	160.64	26.607	0
"2013-08-27	10:00:00"	6.2957	187.1	73.249	70.104	335.43	26.609	0
"2013-08-27	11:00:00"	5.1058	180.62	75.975	62.368	462.04	26.609	0
"2013-08-27	12:00:00"	6.1634	149.75	77.999	54.169	511.29	26.601	0
"2013-08-27	13:00:00"	8.2356	149.91	81.072	46.859	817.18	26.586	0
"2013-08-27	14:00:00"	8.9502	157.24	83.365	40.392	774.85	26.568	0
"2013-08-27	15:00:00"	9.2292	146.13	85.475	35.521	938.5	26.547	0
"2013-08-27	16:00:00"	8.6824	145.3	86.933	32.909	891.46	26.524	0
"2013-08-27	17:00:00"	8.1642	109.76	86.816	31.234	405.57	26.515	0
"2013-08-27	18:00:00"	8.4923	109.04	86.839	30.826	403.21	26.506	0
"2013-08-27	19:00:00"	8.7731	107.6	86.255	31.253	204.79	26.503	0
"2013-08-27	20:00:00"	8.4482	113.26	85.228	31.585	81.158	26.5	0
"2013-08-27	21:00:00"	7.1551	121.45	82.793	35.471	5.6196	26.509	0
"2013-08-27	22:00:00"	10.3	155.6	79.857	44.912	0.06275	26.527	0
"2013-08-27	23:00:00"	8.2829	168.54	77.302	52.82	0.06296	26.539	0
"2013-08-28	00:00:00"	7.2265	167.9	75.448	60.247	0.08585	26.545	0
"2013-08-28	01:00:00"	11.171	172.99	74.034	64.686	0.05935	26.55	0
"2013-08-28	02:00:00"	10.335	175.44	71.871	65.832	0.05554	26.545	0
"2013-08-28	03:00:00"	5.7123	164.89	70.058	70.861	0.07313	26.539	0
"2013-08-28	04:00:00"	3.6276	107.46	68.418	74.849	0.05935	26.533	0
"2013-08-28	05:00:00"	3.5313	109.19	67.508	76.713	0.07144	26.539	0
"2013-08-28	06:00:00"	6.3535	154.19	67.24	77.523	0.05193	26.545	0
"2013-08-28	07:00:00"	4.2893	144.74	66.297	80.174	0.06381	26.553	0
"2013-08-28	08:00:00"	3.1901	120.24	65.33	82.067	17.87	26.574	0
"2013-08-28	09:00:00"	5.4494	145.48	67.928	78.067	167.01	26.586	0
"2013-08-28	10:00:00"	9.9078	171.51	71.014	73.369	338.99	26.592	0
"2013-08-28	11:00:00"	11.343	173.27	74.775	64.688	576.22	26.595	0
"2013-08-28	12:00:00"	11.131	177.82	77.771	57.046	597.64	26.592	0
"2013-08-28	13:00:00"	10.212	179.06	80.076	50.543	609.44	26.58	0
"2013-08-28	14:00:00"	10.534	158.25	82.316	45.196	711.25	26.568	0
"2013-08-28	15:00:00"	10.008	149.98	84.558	40.091	786.06	26.55	0
"2013-08-28	16:00:00"	11.012	164.54	85.986	37.115	648.36	26.539	0
"2013-08-28	17:00:00"	11.439	162.5	85.487	37.861	379.81	26.527	0
"2013-08-28	18:00:00"	9.6225	163.89	85.212	38.558	208.99	26.524	0
"2013-08-28	19:00:00"	10.021	154.01	85.609	38.276	170.4	26.518	0
"2013-08-28	20:00:00"	9.0347	158.12	85.133	38.362	96.735	26.524	0
"2013-08-28	21:00:00"	9.0267	152.68	82.906	40.017	3.3476	26.542	0
"2013-08-28	22:00:00"	7.9772	142.28	80.542	40.995	0.07525	26.556	0
"2013-08-28	23:00:00"	7.2582	140.3	78.367	42.258	0.06105	26.577	0
"2013-08-29	00:00:00"	6.1298	135.2	76.115	42.316	0.06677	26.583	0
"2013-08-29	01:00:00"	6.6108	145.36	74.795	44.269	0.06699	26.589	0
"2013-08-29	02:00:00"	4.3278	134.74	72.637	48.761	0.06783	26.583	0
"2013-08-29	03:00:00"	4.8591	133.03	71.371	51.876	0.06571	26.577	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-29	04:00:00"	4.8709	133.54	70.116	54.81	0.06211	26.571	0
"2013-08-29	05:00:00"	5.0803	127.82	68.684	58.478	0.07695	26.568	0
"2013-08-29	06:00:00"	4.6994	136.31	67.675	61.434	0.06571	26.574	0
"2013-08-29	07:00:00"	3.4455	122.65	66.861	63.818	0.04918	26.577	0
"2013-08-29	08:00:00"	3.4791	137.15	66.78	64.866	20.943	26.592	0
"2013-08-29	09:00:00"	8.0617	162.67	71.026	58.244	171.89	26.601	0
"2013-08-29	10:00:00"	11.687	182.92	76.399	48.695	383.88	26.612	0
"2013-08-29	11:00:00"	10.73	190.15	80.036	42.887	594.92	26.621	0
"2013-08-29	12:00:00"	9.8587	191.88	83.473	38.378	767.6	26.615	0
"2013-08-29	13:00:00"	8.089	199.08	86.307	35.929	864.28	26.604	0
"2013-08-29	14:00:00"	6.6188	167.66	88.071	33.687	895.2	26.58	0
"2013-08-29	15:00:00"	8.304	172.48	90.1	29.126	932.35	26.565	0
"2013-08-29	16:00:00"	7.3371	166.6	91.349	26.381	837.71	26.542	0
"2013-08-29	17:00:00"	7.9113	164.05	92.13	24.69	549.05	26.524	0
"2013-08-29	18:00:00"	6.658	194.33	92.511	23.883	424.16	26.521	0
"2013-08-29	19:00:00"	6.7381	164.05	91.65	25.339	245.22	26.521	0
"2013-08-29	20:00:00"	7.1613	139.6	90.642	25.141	111.36	26.518	0
"2013-08-29	21:00:00"	5.1039	134.85	86.73	26.985	3.394	26.53	0
"2013-08-29	22:00:00"	5.268	128.09	83.172	29.588	0.07123	26.545	0
"2013-08-29	23:00:00"	6.1478	144.04	81.341	32.172	0.06826	26.553	0
"2013-08-30	00:00:00"	5.624	158.49	79.02	37.448	0.05829	26.559	0
"2013-08-30	01:00:00"	4.8225	175.57	76.033	41.759	0.07822	26.559	0
"2013-08-30	02:00:00"	4.7516	186.46	75.436	45.078	0.05215	26.559	0
"2013-08-30	03:00:00"	4.134	196.87	73.376	48.307	0.05469	26.562	0
"2013-08-30	04:00:00"	3.169	205.05	71.214	51.613	0.06847	26.556	0
"2013-08-30	05:00:00"	4.2017	199.36	70.631	52.468	0.05681	26.55	0
"2013-08-30	06:00:00"	4.3919	188.35	69.604	54.652	0.07186	26.556	0
"2013-08-30	07:00:00"	3.7289	183.51	68.791	56.674	0.04833	26.559	0
"2013-08-30	08:00:00"	3.5393	172.42	68.418	57.773	19.196	26.571	0
"2013-08-30	09:00:00"	4.979	186.9	72.602	52.084	169.61	26.586	0
"2013-08-30	10:00:00"	10.319	196.3	78.243	43.189	383.14	26.595	0
"2013-08-30	11:00:00"	11.8	192.87	82.154	37.306	592.61	26.592	0
"2013-08-30	12:00:00"	10.775	182.68	85.29	32.999	766.83	26.583	0
"2013-08-30	13:00:00"	9.5132	160.96	87.981	29.213	891.48	26.568	0
"2013-08-30	14:00:00"	7.2253	127.42	90.195	26.099	950.52	26.545	0
"2013-08-30	15:00:00"	6.5816	166.28	92.019	24.012	942.04	26.524	0
"2013-08-30	16:00:00"	7.7448	143.15	93.254	22.452	869.71	26.494	0
"2013-08-30	17:00:00"	8.0399	133.66	94.175	20.739	734.42	26.477	0
"2013-08-30	18:00:00"	8.3214	155.2	94.575	18.103	554.68	26.465	0
"2013-08-30	19:00:00"	6.7599	154.64	94.216	16.959	339.74	26.462	0
"2013-08-30	20:00:00"	7.193	151.26	92.795	16.993	127.8	26.459	0
"2013-08-30	21:00:00"	5.337	127.16	87.442	20.134	6.4147	26.471	0
"2013-08-30	22:00:00"	4.6454	140.44	82.341	24.17	0.08458	26.483	0
"2013-08-30	23:00:00"	5.657	144.52	80.694	27.227	0.05575	26.485	0
"2013-08-31	00:00:00"	5.2947	157.88	78.255	30.509	0.0672	26.485	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-08-31	01:00:00"	6.5275	173.67	77.102	35.206	0.04558	26.485	0
"2013-08-31	02:00:00"	7.9107	183.5	76.737	39.529	0.07568	26.485	0
"2013-08-31	03:00:00"	6.4585	193.71	75.312	42.568	0.06063	26.483	0
"2013-08-31	04:00:00"	3.1845	223.28	71.568	47.96	0.06508	26.48	0
"2013-08-31	05:00:00"	2.8328	247.86	70.775	48.018	0.06889	26.474	0
"2013-08-31	06:00:00"	1.8803	236.99	69.631	50.822	0.06402	26.471	0
"2013-08-31	07:00:00"	2.5843	296.86	69.777	51.533	0.06911	26.488	0
"2013-08-31	08:00:00"	1.3148	13.508	68.588	53.628	19.244	26.494	0
"2013-08-31	09:00:00"	4.349	144.55	73.464	48.591	169.33	26.497	0
"2013-08-31	10:00:00"	10.426	184.29	80.43	40.321	387.43	26.506	0
"2013-08-31	11:00:00"	10.725	184.53	84.911	34.539	597.62	26.5	0
"2013-08-31	12:00:00"	11.743	172	87.939	29.34	774.91	26.494	0
"2013-08-31	13:00:00"	10.915	162.45	89.917	26.113	897.11	26.483	0
"2013-08-31	14:00:00"	9.7934	149.91	91.698	22.738	956.24	26.459	0
"2013-08-31	15:00:00"	9.6455	167.6	93.026	21.061	945.41	26.444	0
"2013-08-31	16:00:00"	8.2537	158.88	94.24	20.02	867.63	26.418	0
"2013-08-31	17:00:00"	7.4776	152.39	94.879	19.546	732.24	26.4	0
"2013-08-31	18:00:00"	8.2574	167.91	94.981	19.114	549.82	26.388	0
"2013-08-31	19:00:00"	7.3048	189.27	94.576	19.159	331.98	26.385	0
"2013-08-31	20:00:00"	6.745	146.92	93.232	19.99	123.02	26.385	0
"2013-08-31	21:00:00"	5.2618	119.04	88.611	23.227	5.4684	26.4	0
"2013-08-31	22:00:00"	6.5834	117.51	85.37	26.392	0.06635	26.42	0
"2013-08-31	23:00:00"	5.7912	132.42	82.634	29.588	0.05554	26.426	0
"2013-09-01	00:00:00"	6.0646	146.41	80.93	31.984	0.07144	26.423	0
"2013-09-01	01:00:00"	5.6557	167.9	77.917	36.19	0.04409	26.423	0
"2013-09-01	02:00:00"	6.1665	185.37	76.967	39.626	0.05172	26.429	0
"2013-09-01	03:00:00"	4.0184	211.31	75.053	43.069	0.05278	26.432	0
"2013-09-01	04:00:00"	3.1957	221.71	73.035	46.371	0.05957	26.432	0
"2013-09-01	05:00:00"	2.8558	222.76	71.727	49.109	0.05088	26.432	0
"2013-09-01	06:00:00"	3.53	219.91	71.014	50.878	0.06126	26.438	0
"2013-09-01	07:00:00"	3.8233	221.04	70.304	53.81	0.05978	26.444	0
"2013-09-01	08:00:00"	2.9795	231.05	69.808	56.025	17.768	26.459	0
"2013-09-01	09:00:00"	4.449	218.67	72.812	53.283	166.2	26.468	0
"2013-09-01	10:00:00"	10.487	189.77	80.005	43.241	384.43	26.477	0
"2013-09-01	11:00:00"	9.8319	185.02	85.182	35.051	595.11	26.48	0
"2013-09-01	12:00:00"	8.158	170.49	89.283	27.692	769.12	26.483	0
"2013-09-01	13:00:00"	8.5762	132.02	91.439	24.745	847.87	26.468	0
"2013-09-01	14:00:00"	10.394	106.11	93.506	21.971	943.8	26.459	0
"2013-09-01	15:00:00"	10.343	104.32	94.282	21.1	912.54	26.441	0
"2013-09-01	16:00:00"	10.621	99.48	94.368	21.206	671.21	26.426	0
"2013-09-01	17:00:00"	11.128	103.3	95.272	19.978	735.66	26.415	0
"2013-09-01	18:00:00"	11.229	111.48	94.954	20	518.38	26.415	0
"2013-09-01	19:00:00"	9.9842	108.18	93.784	20.701	303.12	26.415	0
"2013-09-01	20:00:00"	9.0173	106.06	92.389	21.222	102.29	26.42	0
"2013-09-01	21:00:00"	5.2121	100.86	88.143	24.28	3.5201	26.435	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-01	22:00:00"	4.339	88.617	83.637	27.656	0.0602	26.459	0
"2013-09-01	23:00:00"	5.3351	61.906	80.1	31.047	0.04621	26.471	0
"2013-09-02	00:00:00"	5.5234	60.534	78.421	33.217	0.06571	26.474	0
"2013-09-02	01:00:00"	5.5091	71.912	77.329	35.163	0.06041	26.471	0
"2013-09-02	02:00:00"	4.3024	56.414	76.25	37.048	0.06084	26.474	0
"2013-09-02	03:00:00"	6.9438	43.053	76.266	39.452	0.06169	26.485	0
"2013-09-02	04:00:00"	6.077	41.616	73.63	48.004	0.0549	26.483	0
"2013-09-02	05:00:00"	7.5279	30.809	73.397	53.324	0.04982	26.497	0
"2013-09-02	06:00:00"	9.9463	27.226	73.713	59.039	0.05172	26.506	0
"2013-09-02	07:00:00"	10.936	36.128	74.544	62.245	0.05172	26.515	0
"2013-09-02	08:00:00"	9.52	43.526	74.364	63.45	6.5493	26.533	0
"2013-09-02	09:00:00"	10.802	37.325	74.483	63.32	104.05	26.55	0
"2013-09-02	10:00:00"	12.25	50.348	77.31	56.771	363.27	26.559	0
"2013-09-02	11:00:00"	12.706	61.154	80.745	50.617	621.94	26.565	0
"2013-09-02	12:00:00"	12.335	66.804	84.015	46.887	830.72	26.565	0
"2013-09-02	13:00:00"	12.662	84.339	85.802	42.839	640.9	26.547	0
"2013-09-02	14:00:00"	13.54	82.861	86.408	40.342	626.23	26.542	0
"2013-09-02	15:00:00"	10.3	90.674	84.959	40.254	265.03	26.518	0
"2013-09-02	16:00:00"	11.804	84.496	88.633	34.375	700.86	26.48	0
"2013-09-02	17:00:00"	11.733	80.798	89.921	32.052	577.14	26.462	0
"2013-09-02	18:00:00"	11.98	76.547	89.941	28.543	270.55	26.468	0
"2013-09-02	19:00:00"	9.2068	261.82	83.716	41.781	190.88	26.474	0
"2013-09-02	20:00:00"	5.7377	253.68	79.716	51.35	80.948	26.474	0
"2013-09-02	21:00:00"	3.6624	270.29	75.782	59.833	1.348	26.483	0
"2013-09-02	22:00:00"	4.198	326.01	74.968	60.998	0.05363	26.5	0
"2013-09-02	23:00:00"	6.1771	12.52	76.373	53.085	0.06338	26.515	0
"2013-09-03	00:00:00"	5.204	66.836	75.709	42.811	0.06465	26.518	0
"2013-09-03	01:00:00"	5.1176	62.617	73.044	48.404	0.0477	26.524	0
"2013-09-03	02:00:00"	5.9975	38.163	70.881	51.917	0.05617	26.527	0
"2013-09-03	03:00:00"	6.2895	55.821	69.459	53.631	0.05575	26.53	0
"2013-09-03	04:00:00"	4.9455	110.25	69.496	59.446	0.0708	26.533	0
"2013-09-03	05:00:00"	4.5994	114.15	68.991	61.195	0.0566	26.53	0
"2013-09-03	06:00:00"	3.4635	135.45	68.861	58.821	0.07377	26.539	0
"2013-09-03	07:00:00"	2.2326	87.674	68.292	58.979	0.0407	26.55	0
"2013-09-03	08:00:00"	3.43	40.427	67.179	60.027	19.03	26.562	0
"2013-09-03	09:00:00"	2.8496	42.046	70.276	54.601	169.29	26.58	0
"2013-09-03	10:00:00"	2.6713	180.19	78.748	38.197	388.52	26.592	0
"2013-09-03	11:00:00"	4.4913	143.79	81.933	34.897	603.3	26.604	0
"2013-09-03	12:00:00"	7.6951	103.9	83.972	34.917	777.81	26.601	0
"2013-09-03	13:00:00"	8.0878	103.02	86.276	29.489	897.98	26.586	0
"2013-09-03	14:00:00"	10.714	109.86	88.605	24.694	954.86	26.562	0
"2013-09-03	15:00:00"	12.396	129.18	90.329	20.77	952.19	26.547	0
"2013-09-03	16:00:00"	10.709	120.89	91.284	19.541	868.34	26.524	0
"2013-09-03	17:00:00"	9.9245	127.8	91.483	17.755	735.92	26.5	0
"2013-09-03	18:00:00"	9.8388	133.53	91.726	18.25	546.44	26.494	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-03	19:00:00"	9.0583	128.39	91.124	18.854	324.52	26.488	0
"2013-09-03	20:00:00"	8.5998	106.29	89.446	21.446	111.41	26.485	0
"2013-09-03	21:00:00"	7.3378	87.071	85.449	24.497	3.5237	26.497	0
"2013-09-03	22:00:00"	6.5002	71.392	80.25	27.872	0.07123	26.515	0
"2013-09-03	23:00:00"	6.5331	73.974	77.667	30.003	0.05024	26.536	0
"2013-09-04	00:00:00"	5.77	95.409	76.809	30.579	0.05299	26.547	0
"2013-09-04	01:00:00"	4.9977	100.73	74.83	34.633	0.05533	26.559	0
"2013-09-04	02:00:00"	4.1539	109.85	74.171	41.651	0.05109	26.565	0
"2013-09-04	03:00:00"	4.2999	94.617	73.572	45.701	0.07525	26.577	0
"2013-09-04	04:00:00"	4.8703	102.58	73.014	47.977	0.05596	26.577	0
"2013-09-04	05:00:00"	4.0116	102.42	71.409	50.744	0.06529	26.583	0
"2013-09-04	06:00:00"	4.4279	48.561	69.369	53.674	0.05024	26.574	0
"2013-09-04	07:00:00"	3.4412	68.187	70.69	53.779	0.06995	26.58	0
"2013-09-04	08:00:00"	2.6446	89.006	69.637	56.176	18.286	26.589	0
"2013-09-04	09:00:00"	1.5932	251.3	72.105	53.663	167.29	26.604	0
"2013-09-04	10:00:00"	2.7328	282.78	78.598	44.685	386.5	26.612	0
"2013-09-04	11:00:00"	3.8997	253.49	84.021	36.419	598.2	26.624	0
"2013-09-04	12:00:00"	7.6155	113.31	86.996	26.814	783.62	26.624	0
"2013-09-04	13:00:00"	10.063	123.52	88.598	21.623	904.21	26.609	0
"2013-09-04	14:00:00"	8.6687	120.81	89.891	19.358	958.33	26.598	0
"2013-09-04	15:00:00"	7.9622	116.93	90.922	17.448	950.74	26.58	0
"2013-09-04	16:00:00"	7.7348	124.93	92.289	17.577	912.35	26.556	0
"2013-09-04	17:00:00"	8.8732	107.21	92.665	16.307	745.88	26.542	0
"2013-09-04	18:00:00"	8.4047	86.354	92.649	16.123	520.35	26.536	0
"2013-09-04	19:00:00"	8.1213	94.508	91.463	17.297	244.5	26.536	0
"2013-09-04	20:00:00"	7.357	94.177	90.041	18.27	106.48	26.542	0
"2013-09-04	21:00:00"	7.0923	73.308	85.591	21.784	2.6517	26.556	0
"2013-09-04	22:00:00"	6.1429	71.444	80.329	24.574	0.04897	26.574	0
"2013-09-04	23:00:00"	5.0194	69.647	75.824	27.352	0.05723	26.58	0
"2013-09-05	00:00:00"	6.1404	94.845	74.893	29.119	0.05088	26.598	0
"2013-09-05	01:00:00"	5.3264	111.87	73.983	36.224	0.07186	26.604	0
"2013-09-05	02:00:00"	3.832	58.802	70.913	42.016	0.07674	26.604	0
"2013-09-05	03:00:00"	3.6605	37.781	70.823	47.207	0.06275	26.595	0
"2013-09-05	04:00:00"	4.7777	71.984	67.717	51.601	0.06338	26.589	0
"2013-09-05	05:00:00"	4.0308	35.606	66.159	55.699	0.07377	26.592	0
"2013-09-05	06:00:00"	3.7618	44.195	67.103	58.702	0.06529	26.595	0
"2013-09-05	07:00:00"	2.5992	41.041	68.674	58.526	0.08394	26.607	0
"2013-09-05	08:00:00"	1.9598	62.367	69.603	57.552	16.775	26.609	0
"2013-09-05	09:00:00"	2.3146	214.51	71.392	54.064	163.63	26.627	0
"2013-09-05	10:00:00"	6.041	191.59	78.542	43.546	383.16	26.636	0
"2013-09-05	11:00:00"	6.4032	180.32	82.641	37.576	597.36	26.645	0
"2013-09-05	12:00:00"	7.9672	160.61	85.367	30.467	775.12	26.645	0
"2013-09-05	13:00:00"	7.5447	115.15	87.185	24.659	900.94	26.63	0
"2013-09-05	14:00:00"	9.5523	103.69	89.256	19.949	961.25	26.618	0
"2013-09-05	15:00:00"	9.474	114.04	90.305	17.986	949.5	26.595	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-05	16:00:00"	7.7249	122.13	91.178	16.32	871.22	26.577	0
"2013-09-05	17:00:00"	7.3887	109.26	91.207	18.497	684.39	26.556	0
"2013-09-05	18:00:00"	7.4968	99.761	91.564	19.621	515.63	26.553	0
"2013-09-05	19:00:00"	6.1391	124.64	90.607	20.977	208.44	26.547	0
"2013-09-05	20:00:00"	6.7934	109.77	89.304	22.983	72.036	26.547	0
"2013-09-05	21:00:00"	4.5584	91.396	85.379	24.767	2.7127	26.562	0
"2013-09-05	22:00:00"	8.8353	106.6	81.928	33.749	0.07949	26.583	0
"2013-09-05	23:00:00"	7.9051	141.55	80.828	41.347	0.05215	26.601	0
"2013-09-06	00:00:00"	7.7199	149.35	79.789	44.841	0.05808	26.607	0
"2013-09-06	01:00:00"	7.8268	176.88	78.89	47.113	0.0814	26.607	0
"2013-09-06	02:00:00"	3.7003	182.81	75.555	52.382	0.06889	26.604	0
"2013-09-06	03:00:00"	2.6253	165.69	73.306	57.532	0.05872	26.598	0
"2013-09-06	04:00:00"	3.5723	146.57	72.388	60.039	0.06381	26.595	0
"2013-09-06	05:00:00"	2.6825	154.85	71.166	61.608	0.06296	26.592	0
"2013-09-06	06:00:00"	2.4501	159.99	69.654	64.429	0.07144	26.595	0
"2013-09-06	07:00:00"	3.2802	162.73	68.945	66.829	0.04876	26.598	0
"2013-09-06	08:00:00"	3.1566	162.34	68.235	69.299	10.885	26.609	0
"2013-09-06	09:00:00"	5.6358	174.17	71.208	66.798	149.61	26.621	0
"2013-09-06	10:00:00"	6.8618	184.17	76.066	57.426	326.08	26.63	0
"2013-09-06	11:00:00"	7.9492	182.35	80.395	47.681	570.36	26.642	0
"2013-09-06	12:00:00"	7.9361	189.25	82.945	42.581	736.29	26.636	0
"2013-09-06	13:00:00"	7.2489	150.57	85.233	37.378	817.35	26.621	0
"2013-09-06	14:00:00"	7.8156	163.49	86.219	36.07	642.88	26.595	0
"2013-09-06	15:00:00"	8.4904	161.79	87.622	33.395	714.43	26.571	0
"2013-09-06	16:00:00"	8.7004	144.54	89.686	29.786	822.66	26.539	0
"2013-09-06	17:00:00"	9.4672	125.86	89.236	29.55	366.37	26.521	0
"2013-09-06	18:00:00"	10.254	108.52	88.762	29.083	217.52	26.515	0
"2013-09-06	19:00:00"	9.868	115.4	87.904	29.552	88.488	26.509	0
"2013-09-06	20:00:00"	7.9697	125.5	86.444	30.448	26.539	26.509	0
"2013-09-06	21:00:00"	5.3164	120.45	83.474	33.676	1.0548	26.515	0
"2013-09-06	22:00:00"	4.2222	121.66	80.808	37.482	0.0797	26.536	0
"2013-09-06	23:00:00"	5.2537	109.39	78.692	39.957	0.0566	26.542	0
"2013-09-07	00:00:00"	5.4693	143.05	77.207	44.26	0.04791	26.55	0
"2013-09-07	01:00:00"	5.2674	159.96	75.292	48.831	0.0672	26.55	0
"2013-09-07	02:00:00"	4.1284	165.4	73.216	52.061	0.05766	26.55	0
"2013-09-07	03:00:00"	4.0364	168.46	72.107	54.397	0.05787	26.547	0
"2013-09-07	04:00:00"	3.7866	157.77	71.006	56.805	0.08394	26.547	0
"2013-09-07	05:00:00"	3.7307	162.07	69.838	59.316	0.06465	26.542	0
"2013-09-07	06:00:00"	2.5712	166.24	69.549	60.772	0.05427	26.545	0
"2013-09-07	07:00:00"	2.5632	150.88	68.557	63.026	0.06169	26.55	0
"2013-09-07	08:00:00"	3.6127	152.34	68.073	64.812	13.006	26.562	0
"2013-09-07	09:00:00"	3.6332	172.73	71.621	59.859	148.6	26.574	0
"2013-09-07	10:00:00"	6.6101	196.05	77.116	51.321	359.38	26.58	0
"2013-09-07	11:00:00"	7.6137	183.81	80.245	46.073	567.37	26.586	0
"2013-09-07	12:00:00"	7.0501	175.82	83.016	40.793	750.31	26.586	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-07	13:00:00"	7.8697	152.68	85.426	34.842	880.02	26.568	0
"2013-09-07	14:00:00"	9.6368	165.18	87.287	30.96	848.2	26.547	0
"2013-09-07	15:00:00"	9.4337	120.71	88.363	28.621	785.74	26.524	0
"2013-09-07	16:00:00"	10.984	139.57	89.762	26.714	732.9	26.497	0
"2013-09-07	17:00:00"	9.6567	138.33	90.452	25.681	682.75	26.48	0
"2013-09-07	18:00:00"	8.8458	144.49	90.069	25.373	395.95	26.462	0
"2013-09-07	19:00:00"	8.396	142.65	90.058	25.458	305.92	26.462	0
"2013-09-07	20:00:00"	8.148	143.66	88.446	26.66	93.011	26.462	0
"2013-09-07	21:00:00"	6.0211	117.17	85.05	29.79	1.3813	26.474	0
"2013-09-07	22:00:00"	5.9509	104.34	82.042	34.275	0.05617	26.488	0
"2013-09-07	23:00:00"	4.4179	108.09	79.262	38.736	0.05723	26.5	0
"2013-09-08	00:00:00"	5.3711	98.921	77.938	40.449	0.04748	26.506	0
"2013-09-08	01:00:00"	6.8643	108.71	78.129	39.754	0.07356	26.506	0
"2013-09-08	02:00:00"	7.0426	111.53	76.234	40.63	0.07207	26.506	0
"2013-09-08	03:00:00"	5.6365	105.04	74.182	43.11	0.05109	26.503	0
"2013-09-08	04:00:00"	5.1884	100.2	72.624	45.962	0.06381	26.485	0
"2013-09-08	05:00:00"	4.5702	102.53	71.302	49.359	0.05363	26.483	0
"2013-09-08	06:00:00"	4.0209	114.82	70.231	52.704	0.07123	26.485	0
"2013-09-08	07:00:00"	4.0358	137.77	69.766	58.203	0.06444	26.488	0
"2013-09-08	08:00:00"	4.07	135.94	68.849	63.21	11.943	26.497	0
"2013-09-08	09:00:00"	3.7338	96.855	70.885	59.526	143.87	26.503	0
"2013-09-08	10:00:00"	5.2966	163.64	76.263	56.543	355.58	26.506	0
"2013-09-08	11:00:00"	5.158	172.36	80.603	48.259	566.3	26.503	0
"2013-09-08	12:00:00"	8.0784	156.17	83.051	41.565	711.23	26.494	0
"2013-09-08	13:00:00"	8.2667	147.86	84.466	37.725	659.99	26.48	0
"2013-09-08	14:00:00"	9.9929	127.58	86.492	32.833	872.51	26.462	0
"2013-09-08	15:00:00"	11.221	127.95	88.146	30.045	960.77	26.444	0
"2013-09-08	16:00:00"	11.443	116.95	88.245	28.362	612.97	26.418	0
"2013-09-08	17:00:00"	10.359	116.37	90.047	25.077	745.59	26.397	0
"2013-09-08	18:00:00"	10.563	116.24	89.497	25.124	477.21	26.382	0
"2013-09-08	19:00:00"	14.047	113.63	88.267	26.856	242.7	26.382	0
"2013-09-08	20:00:00"	12.22	116.32	86.346	28.045	81.872	26.385	0
"2013-09-08	21:00:00"	7.7199	136	82.999	33.638	0.84983	26.409	0
"2013-09-08	22:00:00"	8.3289	148.13	80.088	42.36	0.07165	26.429	0
"2013-09-08	23:00:00"	8.3916	149.62	78.147	46.422	0.07949	26.441	0
"2013-09-09	00:00:00"	8.6308	171.14	76.15	51.365	0.06211	26.453	0
"2013-09-09	01:00:00"	6.3019	146.99	73.689	57	0.05745	26.453	0
"2013-09-09	02:00:00"	6.2771	152.86	72.222	60.528	0.05257	26.441	0
"2013-09-09	03:00:00"	4.9144	135.04	70.414	65.899	0.05299	26.441	0
"2013-09-09	04:00:00"	5.5737	141.7	68.668	70.286	0.05427	26.438	0
"2013-09-09	05:00:00"	8.4898	155.25	68.272	72.52	0.06953	26.441	0
"2013-09-09	06:00:00"	5.6551	139.89	66.505	76.332	0.05617	26.441	0
"2013-09-09	07:00:00"	2.7732	119.73	64.73	80.99	0.05363	26.441	0
"2013-09-09	08:00:00"	3.3765	97.077	63.335	84.936	16.524	26.453	0
"2013-09-09	09:00:00"	5.3301	98.881	65.834	80.282	157.01	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-09	10:00:00"	9.5685	166.63	68.638	76.161	329.17	26.471	0
"2013-09-09	11:00:00"	9.9687	160.28	71.135	70.293	368.46	26.485	0
"2013-09-09	12:00:00"	11.62	152.29	72.833	66.036	408.3	26.488	0
"2013-09-09	13:00:00"	11.342	164.32	74.522	62.281	440.25	26.477	0
"2013-09-09	14:00:00"	12.206	160.39	77.263	55.797	601.79	26.459	0
"2013-09-09	15:00:00"	11.357	155.57	80.62	48.147	766.37	26.432	0
"2013-09-09	16:00:00"	12.942	145.76	82.827	43.214	809.87	26.412	0
"2013-09-09	17:00:00"	13.321	147.92	83.405	40.818	458.68	26.394	0
"2013-09-09	18:00:00"	14.244	160.74	83.675	39.121	340.89	26.382	0
"2013-09-09	19:00:00"	14.065	159.94	82.822	40.136	150.32	26.385	0
"2013-09-09	20:00:00"	13.157	184.68	80.597	44.942	63.296	26.397	0
"2013-09-09	21:00:00"	10.558	180.39	78.309	47.878	0.57277	26.415	0
"2013-09-09	22:00:00"	8.4618	170.61	76.848	47.28	0.05723	26.435	0
"2013-09-09	23:00:00"	6.2684	158.71	74.778	51.178	0.05872	26.453	0
"2013-09-10	00:00:00"	5.0058	136.37	72.815	54.757	0.05935	26.459	0
"2013-09-10	01:00:00"	6.3765	147.41	71.881	58.061	0.0655	26.459	0
"2013-09-10	02:00:00"	6.9121	142.29	71.007	62.009	0.06402	26.456	0
"2013-09-10	03:00:00"	6.8345	144.2	70.207	66.306	0.05321	26.459	0
"2013-09-10	04:00:00"	6.1696	140.82	69.088	70.267	0.0672	26.456	0
"2013-09-10	05:00:00"	5.3022	141.76	67.477	75.476	0.05999	26.453	0
"2013-09-10	06:00:00"	6.8879	147.53	67.755	77.68	0.06614	26.459	0
"2013-09-10	07:00:00"	8.3773	138.12	69.167	76.451	0.06381	26.465	0
"2013-09-10	08:00:00"	9.0683	132.75	69.119	77.001	2.3424	26.485	0
"2013-09-10	09:00:00"	9.74	149.02	69.874	75.846	49.409	26.506	0
"2013-09-10	10:00:00"	10.913	151.23	70.868	72.88	129.99	26.521	0
"2013-09-10	11:00:00"	10.342	142.45	72.296	69.061	217.91	26.533	0
"2013-09-10	12:00:00"	10.094	153.1	74.691	63.055	303.99	26.536	0
"2013-09-10	13:00:00"	10.707	153.26	77.202	57.129	452.61	26.533	0
"2013-09-10	14:00:00"	10.827	152.27	79.788	51.181	677.53	26.515	0
"2013-09-10	15:00:00"	13.313	147.07	81.898	46.398	799.74	26.491	0
"2013-09-10	16:00:00"	13.996	140.44	83.758	42.532	834.18	26.465	0
"2013-09-10	17:00:00"	13.839	136.67	84.748	40.053	560.3	26.444	0
"2013-09-10	18:00:00"	12.957	136.15	84.473	38.478	210.69	26.441	0
"2013-09-10	19:00:00"	14.478	121.93	82.588	44.605	90.732	26.453	0
"2013-09-10	20:00:00"	14.224	129.24	81.366	47.427	54.107	26.459	0
"2013-09-10	21:00:00"	14.701	131.73	79.517	51.528	0.15814	26.485	0
"2013-09-10	22:00:00"	14.237	127.07	77.323	56.615	0.06084	26.509	0
"2013-09-10	23:00:00"	14.384	131.17	74.532	66.111	0.0761	26.527	0
"2013-09-11	00:00:00"	13.629	123.43	73.163	70.512	0.07568	26.533	0
"2013-09-11	01:00:00"	12.807	128.92	71.777	74.998	0.04642	26.53	0
"2013-09-11	02:00:00"	12.007	137.97	71.328	73.839	0.05893	26.536	0
"2013-09-11	03:00:00"	10.983	146.41	71.063	75.383	0.05193	26.533	0
"2013-09-11	04:00:00"	10.165	142.86	70.231	79.184	0.0744	26.524	0
"2013-09-11	05:00:00"	8.7035	140.66	69.764	80.531	0.06105	26.515	0
"2013-09-11	06:00:00"	10.315	147.19	69.845	80.208	0.07123	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-11	07:00:00"	8.5376	142	69.791	79.257	0.0619	26.533	0
"2013-09-11	08:00:00"	10.259	141.33	69.805	79.151	1.9557	26.547	0
"2013-09-11	09:00:00"	11.164	144.95	70.313	75.862	29.791	26.559	0
"2013-09-11	10:00:00"	12.746	150.59	70.512	75.089	54.724	26.571	0
"2013-09-11	11:00:00"	11.759	153.96	69.607	80.79	116.09	26.583	0
"2013-09-11	12:00:00"	11.408	145.06	69.987	81.636	182.84	26.586	0
"2013-09-11	13:00:00"	12.373	148	72.222	72.728	154.02	26.58	0
"2013-09-11	14:00:00"	12.854	153.02	74.582	64.6	222.62	26.565	0
"2013-09-11	15:00:00"	12.867	160.21	76.3	59.29	221.34	26.547	0
"2013-09-11	16:00:00"	12.646	154.68	77.694	56.846	324.46	26.524	0
"2013-09-11	17:00:00"	13.067	135.7	79.66	51.995	271.54	26.512	0
"2013-09-11	18:00:00"	13.147	135.48	80.5	49.512	231.74	26.509	0
"2013-09-11	19:00:00"	12.486	134.69	80.84	48.174	177.35	26.506	0
"2013-09-11	20:00:00"	12.6	128.22	79.667	49.95	16.76	26.518	0
"2013-09-11	21:00:00"	11.656	120.68	77.937	54.812	0.08437	26.527	0
"2013-09-11	22:00:00"	7.7131	114.75	76.399	57.816	0.07949	26.545	0
"2013-09-11	23:00:00"	6.4778	111.87	75.525	58.186	0.06593	26.55	0
"2013-09-12	00:00:00"	5.839	117.1	74.687	59.872	0.06529	26.545	0
"2013-09-12	01:00:00"	6.3865	124.09	74.742	59.58	0.04876	26.545	0
"2013-09-12	02:00:00"	8.9235	143.23	75.056	58.26	0.0708	26.542	0
"2013-09-12	03:00:00"	9.6841	147.58	73.988	60.482	0.06487	26.545	0
"2013-09-12	04:00:00"	8.8651	147.45	71.909	66.289	0.06126	26.539	0
"2013-09-12	05:00:00"	7.1967	144.82	70.616	70.54	0.0744	26.539	0
"2013-09-12	06:00:00"	6.0727	135.33	69.575	71.12	0.05448	26.542	0
"2013-09-12	07:00:00"	5.7054	126.98	68.819	70.114	0.08882	26.547	0
"2013-09-12	08:00:00"	5.798	106.73	67.946	72.175	28.47	26.559	0
"2013-09-12	09:00:00"	7.81	116.44	68.424	73.788	104.9	26.577	0
"2013-09-12	10:00:00"	9.5666	132.96	70.993	68.352	285.29	26.583	0
"2013-09-12	11:00:00"	11.964	144.49	75.788	56.181	634.47	26.592	0
"2013-09-12	12:00:00"	12.775	147.25	78.105	49.907	587.77	26.592	0
"2013-09-12	13:00:00"	13.139	139.48	79.933	44.98	671.82	26.577	0
"2013-09-12	14:00:00"	13.29	139.71	81.577	41.519	692.52	26.556	0
"2013-09-12	15:00:00"	13.331	154.21	83.259	36.7	740.84	26.533	0
"2013-09-12	16:00:00"	12.718	135.72	83.207	36.824	455.05	26.518	0
"2013-09-12	17:00:00"	10.869	133.74	82.729	36.833	353.65	26.5	0
"2013-09-12	18:00:00"	11.434	143.83	84.218	34.209	448.28	26.491	0
"2013-09-12	19:00:00"	9.7176	121.43	84.03	32.762	200.39	26.497	0
"2013-09-12	20:00:00"	8.1667	140.07	82.026	33.854	37.761	26.503	0
"2013-09-12	21:00:00"	8.3171	115.55	79.918	36.833	0.2796	26.512	0
"2013-09-12	22:00:00"	7.1166	110.8	77.514	40.212	0.06359	26.524	0
"2013-09-12	23:00:00"	6.4194	104.48	74.982	42.756	0.07292	26.53	0
"2013-09-13	00:00:00"	5.176	98.091	72.1	46.788	0.05702	26.527	0
"2013-09-13	01:00:00"	4.9585	108.02	70.732	49.445	0.05045	26.53	0
"2013-09-13	02:00:00"	5.6141	103.55	69.304	51.501	0.07758	26.524	0
"2013-09-13	03:00:00"	5.8459	105.86	67.821	53.782	0.07822	26.515	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-13	04:00:00"	5.3811	109.15	67.144	54.746	0.06932	26.503	0
"2013-09-13	05:00:00"	5.0636	114.37	66.33	56.544	0.05787	26.506	0
"2013-09-13	06:00:00"	4.6733	107.15	65.122	58.777	0.0549	26.509	0
"2013-09-13	07:00:00"	5.2058	75.144	63.322	61.939	0.07144	26.512	0
"2013-09-13	08:00:00"	4.6733	48.795	60.826	65.863	10.216	26.518	0
"2013-09-13	09:00:00"	4.3024	73.59	65.412	61.581	142.32	26.524	0
"2013-09-13	10:00:00"	7.4701	163.92	73.039	60.514	356.29	26.527	0
"2013-09-13	11:00:00"	10.806	175.16	76.679	52.127	571.19	26.53	0
"2013-09-13	12:00:00"	10.974	151.33	79.674	44.412	712.61	26.527	0
"2013-09-13	13:00:00"	12.393	139.52	81.667	38.842	749.58	26.5	0
"2013-09-13	14:00:00"	12.346	147.69	83.617	34.594	923.58	26.48	0
"2013-09-13	15:00:00"	12.537	148.43	85.074	31.615	894.24	26.45	0
"2013-09-13	16:00:00"	13.761	135.66	85.999	29.181	767.31	26.429	0
"2013-09-13	17:00:00"	13.07	121.96	86.113	28.31	514.81	26.412	0
"2013-09-13	18:00:00"	12.939	125.77	86.065	26.912	403.28	26.397	0
"2013-09-13	19:00:00"	12.458	121.41	85.764	25.381	249.7	26.4	0
"2013-09-13	20:00:00"	8.9061	118.29	84.18	24.8	73.232	26.403	0
"2013-09-13	21:00:00"	5.4041	123.39	79.927	29.732	0.28681	26.418	0
"2013-09-13	22:00:00"	5.9061	122.55	76.813	36.38	0.07334	26.447	0
"2013-09-13	23:00:00"	6.1143	122.3	74.688	41.374	0.05723	26.447	0
"2013-09-14	00:00:00"	4.7995	137.09	73.274	45.776	0.05448	26.447	0
"2013-09-14	01:00:00"	4.6727	129.72	71.758	49.697	0.06826	26.444	0
"2013-09-14	02:00:00"	5.5526	121.07	70.916	51.61	0.08034	26.441	0
"2013-09-14	03:00:00"	5.9273	120.43	69.726	53.606	0.06932	26.444	0
"2013-09-14	04:00:00"	5.8309	131.26	68.793	54.848	0.05745	26.432	0
"2013-09-14	05:00:00"	5.6657	145.11	68.231	55.368	0.05639	26.429	0
"2013-09-14	06:00:00"	4.8952	154.57	66.731	56.752	0.07017	26.432	0
"2013-09-14	07:00:00"	4.6392	150.95	65.839	59.057	0.07207	26.438	0
"2013-09-14	08:00:00"	4.7647	81.624	63.541	62.841	11.346	26.456	0
"2013-09-14	09:00:00"	6.4641	37.42	64.016	64.377	146.09	26.474	0
"2013-09-14	10:00:00"	5.7098	116.22	71.568	55.136	377.7	26.485	0
"2013-09-14	11:00:00"	8.9838	161.73	76.372	48.152	567.31	26.494	0
"2013-09-14	12:00:00"	13.287	167.59	79.62	38.727	613.44	26.485	0
"2013-09-14	13:00:00"	13.291	174.49	81.404	34.684	754.19	26.474	0
"2013-09-14	14:00:00"	14.26	173.51	82.836	30.644	759.67	26.456	0
"2013-09-14	15:00:00"	13.64	170.38	84.365	27.262	796.24	26.432	0
"2013-09-14	16:00:00"	13.409	174.2	85.888	26.057	818.76	26.409	0
"2013-09-14	17:00:00"	13.074	175.68	85.38	26.401	469.98	26.391	0
"2013-09-14	18:00:00"	12.921	180.24	85.321	26.116	296.53	26.388	0
"2013-09-14	19:00:00"	12.864	170.36	85.537	26.066	225.26	26.4	0
"2013-09-14	20:00:00"	11.285	149.64	83.288	29.084	26.899	26.409	0
"2013-09-14	21:00:00"	6.8705	148.64	81.767	29.887	0.27451	26.418	0
"2013-09-14	22:00:00"	4.5453	131.55	79.501	31.998	0.07377	26.435	0
"2013-09-14	23:00:00"	4.7821	122.33	77.015	35.394	0.08246	26.447	0
"2013-09-15	00:00:00"	4.9144	127.4	74.616	39.085	0.05978	26.45	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-15	01:00:00"	7.1234	172.44	74.143	37.731	0.06529	26.453	0
"2013-09-15	02:00:00"	6.9985	174.87	72.432	38.512	0.05745	26.447	0
"2013-09-15	03:00:00"	5.7471	174.58	70.98	40.145	0.06932	26.441	0
"2013-09-15	04:00:00"	4.9561	161.47	69.074	43.073	0.09009	26.438	0
"2013-09-15	05:00:00"	4.0358	156.09	67.836	45.336	0.08585	26.438	0
"2013-09-15	06:00:00"	4.5627	150.16	67.892	46.896	0.05003	26.45	0
"2013-09-15	07:00:00"	5.0412	117.8	67.511	49.721	0.04579	26.468	0
"2013-09-15	08:00:00"	5.4935	102.09	66.605	53.798	7.817	26.483	0
"2013-09-15	09:00:00"	7.7143	107.57	66.969	56.268	72.426	26.5	0
"2013-09-15	10:00:00"	10.574	140.42	70.898	57.694	303.86	26.509	0
"2013-09-15	11:00:00"	15.975	170.34	76.285	50.661	551.54	26.521	0
"2013-09-15	12:00:00"	14.877	178.53	80.023	42.739	780.08	26.515	0
"2013-09-15	13:00:00"	11.932	171.91	83.264	37.392	924.55	26.509	0
"2013-09-15	14:00:00"	12.048	161.26	85.25	31.478	804.97	26.497	0
"2013-09-15	15:00:00"	11.616	163.71	86.943	24.753	994.46	26.485	0
"2013-09-15	16:00:00"	10.364	160.02	88.012	22.74	700.55	26.471	0
"2013-09-15	17:00:00"	10.655	154.83	87.902	23.025	588.62	26.459	0
"2013-09-15	18:00:00"	11.141	148.83	87.052	23.678	283.9	26.456	0
"2013-09-15	19:00:00"	9.5629	157.12	86.44	24.079	182.19	26.474	0
"2013-09-15	20:00:00"	8.1648	130.81	85.19	25.513	31.83	26.483	0
"2013-09-15	21:00:00"	10.19	132.91	83.6	28.469	0.13249	26.503	0
"2013-09-15	22:00:00"	11.475	155.67	81.856	30.827	0.05766	26.524	0
"2013-09-15	23:00:00"	10.922	162.41	79.892	32.154	0.05851	26.53	0
"2013-09-16	00:00:00"	5.5513	154.53	76.479	37.86	0.05236	26.539	0
"2013-09-16	01:00:00"	4.5988	151.51	73.647	43.036	0.07356	26.536	0
"2013-09-16	02:00:00"	4.1129	134.47	71.754	48.074	0.06995	26.536	0
"2013-09-16	03:00:00"	4.2993	140.13	70.656	51.816	0.06847	26.542	0
"2013-09-16	04:00:00"	4.3266	140.02	69.381	56.489	0.08331	26.539	0
"2013-09-16	05:00:00"	4.042	138.85	68.287	63.412	0.08119	26.547	0
"2013-09-16	06:00:00"	4.2092	159.52	67.95	69.216	0.07398	26.562	0
"2013-09-16	07:00:00"	2.0667	154.93	67.172	74.441	0.07271	26.577	0
"2013-09-16	08:00:00"	2.6452	66.352	66.274	77.874	7.6073	26.592	0
"2013-09-16	09:00:00"	3.5157	49.542	67.499	72.874	126.89	26.607	0
"2013-09-16	10:00:00"	7.078	150.28	73.144	63.644	349.25	26.607	0
"2013-09-16	11:00:00"	10.345	165.94	76.388	55.512	552.96	26.612	0
"2013-09-16	12:00:00"	11.008	149.67	79.202	51.306	725.64	26.615	0
"2013-09-16	13:00:00"	12.332	165.39	79.324	50.695	565.72	26.609	0
"2013-09-16	14:00:00"	10.405	159.16	79.999	49.534	623.52	26.589	0
"2013-09-16	15:00:00"	9.9171	150.4	81.325	45.627	487.2	26.559	0
"2013-09-16	16:00:00"	8.8514	150.41	81.881	43.519	334.8	26.545	0
"2013-09-16	17:00:00"	7.2054	115.23	82.277	42.346	369.37	26.527	0
"2013-09-16	18:00:00"	12.889	31.868	79.752	50.163	302.23	26.518	0
"2013-09-16	19:00:00"	16.662	61.383	75.585	58.642	139.86	26.527	0
"2013-09-16	20:00:00"	13.285	80.707	72.615	69.5	54.763	26.55	0
"2013-09-16	21:00:00"	13.194	102.48	71.08	73.783	0.11108	26.553	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-16	22:00:00"	13.792	89.187	68.786	79.237	0.05893	26.571	0.02
"2013-09-16	23:00:00"	11.481	81.511	66.672	84.432	0.05003	26.58	0
"2013-09-17	00:00:00"	8.0753	68.82	66.579	86.287	0.05045	26.595	0
"2013-09-17	01:00:00"	5.4196	52.708	66.697	87.092	0.07186	26.592	0
"2013-09-17	02:00:00"	6.1839	80.226	67.128	87.42	0.06847	26.592	0
"2013-09-17	03:00:00"	6.1851	95.096	67.638	87.789	0.05151	26.589	0
"2013-09-17	04:00:00"	4.9846	84.886	67.269	88.353	0.06423	26.577	0
"2013-09-17	05:00:00"	4.7852	103.95	66.614	89.105	0.08755	26.574	0
"2013-09-17	06:00:00"	5.1095	120.88	66.994	87.114	0.06296	26.574	0
"2013-09-17	07:00:00"	4.3359	134.59	66.637	86.782	0.05448	26.571	0
"2013-09-17	08:00:00"	3.4983	110.07	65.304	89.217	4.8965	26.58	0
"2013-09-17	09:00:00"	4.4733	87.561	66.551	87.497	110.01	26.592	0
"2013-09-17	10:00:00"	6.7742	141.85	69.802	76.19	231.15	26.589	0
"2013-09-17	11:00:00"	10.968	173.8	71.612	70.802	284.68	26.598	0
"2013-09-17	12:00:00"	11.247	166.95	73.495	66.32	390.72	26.589	0
"2013-09-17	13:00:00"	11.982	172.06	75.039	61.618	407.19	26.571	0
"2013-09-17	14:00:00"	11.968	166.56	76.672	57.624	528.07	26.547	0
"2013-09-17	15:00:00"	11.871	163.94	78.369	52.611	491.21	26.518	0
"2013-09-17	16:00:00"	13.128	166.48	79.954	46.972	436.77	26.488	0
"2013-09-17	17:00:00"	13.487	178.82	80.036	45.763	264.44	26.477	0
"2013-09-17	18:00:00"	13.892	175.86	79.958	46.663	230.14	26.468	0
"2013-09-17	19:00:00"	13.694	173.57	79.006	49.126	115.28	26.48	0
"2013-09-17	20:00:00"	12.726	172.1	77.48	53.322	30.089	26.477	0
"2013-09-17	21:00:00"	11.138	157.23	75.959	55.897	0.10366	26.488	0
"2013-09-17	22:00:00"	10.816	151.85	74.918	59.338	0.06147	26.509	0
"2013-09-17	23:00:00"	8.5053	150.89	73.539	60.663	0.07059	26.518	0
"2013-09-18	00:00:00"	8.3506	152.24	72.782	61.083	0.06147	26.518	0
"2013-09-18	01:00:00"	11.125	169.26	73.075	63.514	0.06253	26.518	0
"2013-09-18	02:00:00"	14.191	177.6	71.34	69.163	0.06105	26.515	0
"2013-09-18	03:00:00"	11.702	183.94	69.374	76.397	0.06211	26.5	0
"2013-09-18	04:00:00"	11.156	186.07	69.075	77.216	0.05766	26.483	0
"2013-09-18	05:00:00"	8.7918	189.42	68.559	78.778	0.05829	26.471	0
"2013-09-18	06:00:00"	8.6433	185.39	68.072	81.012	0.06741	26.462	0
"2013-09-18	07:00:00"	8.345	180.41	67.003	84.906	0.05957	26.468	0
"2013-09-18	08:00:00"	8.1754	174.74	66.525	85.927	3.5201	26.477	0
"2013-09-18	09:00:00"	10.003	178.14	67.513	83.789	62.869	26.491	0
"2013-09-18	10:00:00"	13.219	181.03	70.251	76.073	204.11	26.497	0
"2013-09-18	11:00:00"	13.248	183.17	74.148	65.759	520.3	26.506	0
"2013-09-18	12:00:00"	13.366	192.07	77.745	55.246	707.29	26.494	0
"2013-09-18	13:00:00"	12.987	183.64	79.806	49.432	821.98	26.474	0
"2013-09-18	14:00:00"	12.621	185.67	81.605	46.343	760	26.456	0
"2013-09-18	15:00:00"	13.772	177.88	83.288	42.608	808.61	26.432	0
"2013-09-18	16:00:00"	13.428	175	84.434	39.683	662.5	26.409	0
"2013-09-18	17:00:00"	13.268	170.79	84.465	39.495	480.6	26.391	0
"2013-09-18	18:00:00"	15.014	164.64	84.09	40.176	421.3	26.382	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-18	19:00:00"	14.851	157.71	82.879	41.502	241.12	26.382	0
"2013-09-18	20:00:00"	13.504	158.8	80.052	46.7	51.695	26.394	0
"2013-09-18	21:00:00"	11.876	159.8	77.394	51.266	0.15326	26.412	0
"2013-09-18	22:00:00"	11.884	166.86	76.169	55.883	0.04727	26.432	0
"2013-09-18	23:00:00"	13.815	172.14	75.164	58.624	0.06169	26.435	0
"2013-09-19	00:00:00"	14.364	173.71	73.813	63.326	0.06444	26.435	0
"2013-09-19	01:00:00"	11.967	180.24	72.904	67.649	0.05405	26.432	0
"2013-09-19	02:00:00"	12.953	176.98	71.803	71.486	0.06359	26.429	0
"2013-09-19	03:00:00"	11.593	176.86	70.672	77.319	0.06805	26.426	0
"2013-09-19	04:00:00"	11.254	177.65	70.136	79.451	0.0797	26.42	0
"2013-09-19	05:00:00"	10.506	180.11	69.548	81.049	0.0619	26.415	0
"2013-09-19	06:00:00"	9.5971	178.69	69.152	82.388	0.05914	26.415	0
"2013-09-19	07:00:00"	8.9459	176.93	68.9	82.642	0.04982	26.423	0
"2013-09-19	08:00:00"	10.072	171.58	68.74	83.62	3.8843	26.423	0
"2013-09-19	09:00:00"	11.198	172.17	68.79	84.039	46.699	26.444	0
"2013-09-19	10:00:00"	10.487	183.72	69.395	84.403	161.8	26.459	0
"2013-09-19	11:00:00"	10.592	184.06	70.857	79.643	153.49	26.468	0.03
"2013-09-19	12:00:00"	10.309	165.77	68.279	91.088	102.05	26.465	0.17
"2013-09-19	13:00:00"	9.4778	155.1	69.272	88.486	307.9	26.45	0.05
"2013-09-19	14:00:00"	8.739	159.23	72.894	77.449	440.83	26.429	0
"2013-09-19	15:00:00"	9.7481	165	74.279	71.251	305.76	26.415	0
"2013-09-19	16:00:00"	9.8307	86.369	69.849	81.507	192	26.412	0.02
"2013-09-19	17:00:00"	6.146	95.773	68.142	91.127	93.566	26.412	0.16
"2013-09-19	18:00:00"	7.2564	97.898	68.286	92.282	63.21	26.406	0.06
"2013-09-19	19:00:00"	6.4722	110.76	68.705	89.77	42.367	26.415	0.02
"2013-09-19	20:00:00"	5.5861	139.35	67.987	87.201	15.774	26.403	0
"2013-09-19	21:00:00"	5.3705	133.04	67.048	87.093	0.07546	26.423	0
"2013-09-19	22:00:00"	5.6203	133.7	66.857	87.455	0.07462	26.418	0
"2013-09-19	23:00:00"	5.7763	139.92	66.435	86.885	0.05299	26.435	0
"2013-09-20	00:00:00"	4.5062	123.68	65.918	90.593	0.0797	26.438	0
"2013-09-20	01:00:00"	2.4414	71.974	65.97	92.226	0.0566	26.438	0.01
"2013-09-20	02:00:00"	4.2974	46.219	66.114	92.947	0.06826	26.435	0.01
"2013-09-20	03:00:00"	2.488	103.89	65.957	93.243	0.0797	26.429	0
"2013-09-20	04:00:00"	2.9068	93.44	65.838	93.155	0.05257	26.429	0.01
"2013-09-20	05:00:00"	3.9153	57.694	66.034	92.418	0.0744	26.423	0.01
"2013-09-20	06:00:00"	1.1533	28.358	65.98	92.906	0.08352	26.426	0
"2013-09-20	07:00:00"	2.7968	49.795	65.611	93.415	0.07631	26.429	0.37
"2013-09-20	08:00:00"	9.3243	43.726	65.5	93.203	0.89265	26.441	0.04
"2013-09-20	09:00:00"	7.6429	54.494	65.801	91.783	55.528	26.453	0
"2013-09-20	10:00:00"	10.637	53.707	66.878	89.053	153.26	26.471	0
"2013-09-20	11:00:00"	11.544	52.054	67.341	87.613	131.81	26.491	0
"2013-09-20	12:00:00"	11.907	54.202	67.009	86.925	165.39	26.506	0.01
"2013-09-20	13:00:00"	15.928	57.088	68.356	77.51	607.37	26.5	0.01
"2013-09-20	14:00:00"	15.443	64.736	70.694	68.393	774.96	26.497	0
"2013-09-20	15:00:00"	13.509	60.989	71.697	65.491	616.22	26.485	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-20	16:00:00"	13.786	53.216	73.058	59.994	612.79	26.485	0
"2013-09-20	17:00:00"	13.595	51.697	72.909	59.297	458.24	26.485	0
"2013-09-20	18:00:00"	12.302	63.509	70.848	62.803	107.09	26.488	0
"2013-09-20	19:00:00"	10.698	75.485	69.746	65.375	86.245	26.497	0
"2013-09-20	20:00:00"	9.0043	70.495	68.709	65.567	24.157	26.494	0
"2013-09-20	21:00:00"	4.4478	68.384	65.182	76.412	0.0761	26.518	0
"2013-09-20	22:00:00"	3.8798	49.204	63.128	82.677	0.07101	26.536	0
"2013-09-20	23:00:00"	4.3359	58.51	62.22	84.291	0.07271	26.542	0
"2013-09-21	00:00:00"	4.8734	57.968	61.426	86.278	0.07822	26.542	0
"2013-09-21	01:00:00"	5.3848	59.413	60.358	87.308	0.08416	26.545	0
"2013-09-21	02:00:00"	4.9859	50.585	59.167	88.658	0.07737	26.539	0
"2013-09-21	03:00:00"	3.8003	51.797	57.986	90.638	0.05872	26.542	0
"2013-09-21	04:00:00"	3.1864	35.935	57.114	91.426	0.06974	26.53	0
"2013-09-21	05:00:00"	4.3552	22.33	56.563	91.851	0.07695	26.521	0
"2013-09-21	06:00:00"	4.5528	17.205	56.153	91.875	0.06889	26.533	0
"2013-09-21	07:00:00"	4.1986	12.743	55.522	91.959	0.05914	26.539	0
"2013-09-21	08:00:00"	3.8127	5.6934	54.587	92.263	6.1491	26.547	0
"2013-09-21	09:00:00"	5.5706	20.437	55.717	91.898	74.502	26.559	0
"2013-09-21	10:00:00"	4.9063	40.682	58.694	88.001	231.73	26.568	0
"2013-09-21	11:00:00"	2.5483	75.427	61.89	78.826	422.11	26.571	0
"2013-09-21	12:00:00"	3.2939	81.872	64.266	70.125	509.73	26.571	0
"2013-09-21	13:00:00"	2.5942	34.255	66.974	65.217	713.89	26.55	0
"2013-09-21	14:00:00"	4.0507	75.576	70.075	58.541	900.97	26.524	0
"2013-09-21	15:00:00"	5.7756	107.37	72.506	54.077	872.41	26.497	0
"2013-09-21	16:00:00"	5.6905	160.2	74.464	49.169	800	26.477	0
"2013-09-21	17:00:00"	5.624	172.99	75.93	46.516	630.94	26.456	0
"2013-09-21	18:00:00"	4.6522	182.11	77.078	43.246	467.58	26.441	0
"2013-09-21	19:00:00"	5.7626	200.71	76.883	44.565	279.59	26.435	0
"2013-09-21	20:00:00"	6.2957	203.33	74.619	49.369	71.846	26.429	0
"2013-09-21	21:00:00"	3.9134	201.37	69.906	61.828	0.07207	26.435	0
"2013-09-21	22:00:00"	3.4641	188.68	66.988	69.073	0.06381	26.441	0
"2013-09-21	23:00:00"	3.5045	193.11	65.35	72.291	0.07843	26.444	0
"2013-09-22	00:00:00"	4.2241	177.18	63.361	77.252	0.07652	26.444	0
"2013-09-22	01:00:00"	4.444	169.89	61.956	80.937	0.07123	26.438	0
"2013-09-22	02:00:00"	4.2235	172.78	60.718	82.961	0.05575	26.426	0
"2013-09-22	03:00:00"	4.1129	172.35	59.643	84.827	0.06593	26.423	0
"2013-09-22	04:00:00"	4.2875	166.29	59.002	85.492	0.05511	26.403	0
"2013-09-22	05:00:00"	4.4018	164.6	58.771	85.071	0.06487	26.394	0
"2013-09-22	06:00:00"	3.9246	163.36	57.984	86.454	0.05829	26.385	0
"2013-09-22	07:00:00"	2.7055	174.04	57.767	86.158	0.06444	26.391	0.01
"2013-09-22	08:00:00"	2.1711	177.86	57.015	87.681	11.731	26.4	0
"2013-09-22	09:00:00"	3.9153	189.1	58.754	87.268	147.44	26.406	0
"2013-09-22	10:00:00"	9.8102	176.21	64.15	74.468	360.24	26.415	0
"2013-09-22	11:00:00"	9.7114	180.84	69.56	56.3	576.62	26.418	0
"2013-09-22	12:00:00"	11.224	197.31	74.119	36.609	751.21	26.415	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-22	13:00:00"	11.569	183.3	76.297	29.444	868.79	26.391	0
"2013-09-22	14:00:00"	8.8955	181.77	77.449	27.602	921.97	26.37	0
"2013-09-22	15:00:00"	10.169	164.12	79.034	26.153	903.57	26.344	0
"2013-09-22	16:00:00"	11.582	158.66	80.324	23.239	817.58	26.317	0
"2013-09-22	17:00:00"	12.904	162.31	80.924	20.817	673.68	26.294	0
"2013-09-22	18:00:00"	12.844	175.47	80.928	19.102	477.61	26.282	0
"2013-09-22	19:00:00"	12.854	175.25	79.754	21.895	251.03	26.291	0
"2013-09-22	20:00:00"	9.7679	175.45	76.287	26.369	56.331	26.282	0
"2013-09-22	21:00:00"	6.4374	152.85	71.243	34.682	0.06847	26.296	0
"2013-09-22	22:00:00"	7.4552	143.88	67.917	40.415	0.05257	26.296	0
"2013-09-22	23:00:00"	7.4807	147.36	66.318	42.987	0.07356	26.296	0
"2013-09-23	00:00:00"	8.8887	148.39	65.06	44.988	0.06147	26.291	0
"2013-09-23	01:00:00"	8.0231	159.05	63.958	46.226	0.07165	26.279	0
"2013-09-23	02:00:00"	6.7307	163.07	62.338	48.034	0.04833	26.27	0
"2013-09-23	03:00:00"	11.063	178.56	63.856	42.509	0.07038	26.27	0
"2013-09-23	04:00:00"	11.413	177.68	64.1	42.104	0.07992	26.27	0
"2013-09-23	05:00:00"	12.519	186.25	63.675	44.81	0.04791	26.255	0
"2013-09-23	06:00:00"	11.549	186.55	62.794	48.032	0.07419	26.267	0
"2013-09-23	07:00:00"	7.5938	195.21	61.234	51.73	0.05978	26.27	0
"2013-09-23	08:00:00"	5.4382	204.12	59.315	56.572	7.5393	26.273	0
"2013-09-23	09:00:00"	5.9726	223.49	60.711	55.575	132.75	26.302	0
"2013-09-23	10:00:00"	7.879	255.1	64.737	49.895	343.48	26.317	0
"2013-09-23	11:00:00"	6.3759	286.97	70.254	44.935	559.49	26.335	0
"2013-09-23	12:00:00"	7.3875	315.74	76.049	35.07	737.19	26.338	0
"2013-09-23	13:00:00"	8.8347	321.59	79.655	25.651	857.13	26.335	0
"2013-09-23	14:00:00"	9.4747	303.69	81.662	23.096	907.63	26.326	0
"2013-09-23	15:00:00"	8.7545	297.39	83.192	19.323	893.01	26.308	0
"2013-09-23	16:00:00"	9.7176	283.84	84.906	18.056	808.67	26.311	0
"2013-09-23	17:00:00"	9.0422	292.55	85.478	17.739	659.82	26.305	0
"2013-09-23	18:00:00"	10.078	306.7	85.398	17.56	462.89	26.308	0
"2013-09-23	19:00:00"	10.653	308.8	84.315	18.789	242.66	26.323	0
"2013-09-23	20:00:00"	7.5142	328.95	81.075	22.285	50.2	26.332	0
"2013-09-23	21:00:00"	6.7767	339.33	76.204	26.654	0.05533	26.358	0
"2013-09-23	22:00:00"	4.6901	343.5	72.591	28.459	0.06783	26.382	0
"2013-09-23	23:00:00"	5.8477	354.92	70.086	28.447	0.06084	26.406	0
"2013-09-24	00:00:00"	6.6828	350.8	67.846	29.176	0.07907	26.418	0
"2013-09-24	01:00:00"	5.7446	346.22	66.95	31.031	0.05872	26.423	0
"2013-09-24	02:00:00"	6.1323	341.67	65.713	32.192	0.05723	26.423	0
"2013-09-24	03:00:00"	7.303	340.64	63.437	35.118	0.05299	26.429	0
"2013-09-24	04:00:00"	7.9076	338.96	62.647	36.284	0.08967	26.432	0
"2013-09-24	05:00:00"	8.6383	352.54	61.605	38.691	0.04897	26.435	0
"2013-09-24	06:00:00"	7.9964	357.31	59.986	42.417	0.06317	26.447	0
"2013-09-24	07:00:00"	10.261	6.112	59.157	45.67	0.03964	26.468	0
"2013-09-24	08:00:00"	10.359	20.708	57.012	51.607	7.5925	26.488	0
"2013-09-24	09:00:00"	11.07	31.119	59.123	55.365	138.67	26.512	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-24	10:00:00"	12.165	44.57	65.188	50.373	353.43	26.536	0
"2013-09-24	11:00:00"	11.972	57.708	70.318	44.624	565.83	26.547	0
"2013-09-24	12:00:00"	10.456	59.667	74.56	39.41	738.38	26.55	0
"2013-09-24	13:00:00"	8.3015	61.919	77.822	32.881	852.66	26.545	0
"2013-09-24	14:00:00"	5.739	63.756	80.1	27.667	904.54	26.524	0
"2013-09-24	15:00:00"	6.8525	45.508	81.809	23.946	878.79	26.497	0
"2013-09-24	16:00:00"	5.8073	83.941	82.903	22.241	793.44	26.477	0
"2013-09-24	17:00:00"	5.4867	100.07	83.727	21.326	645.49	26.462	0
"2013-09-24	18:00:00"	5.6333	81.638	83.884	21.503	448.7	26.456	0
"2013-09-24	19:00:00"	4.6056	131.29	83.14	21.642	230.25	26.456	0
"2013-09-24	20:00:00"	4.774	115.48	79.425	26.266	45.689	26.453	0
"2013-09-24	21:00:00"	4.6746	102.77	73.36	33.857	0.07462	26.459	0
"2013-09-24	22:00:00"	5.7421	104.66	70.752	37.023	0.05766	26.465	0
"2013-09-24	23:00:00"	5.9353	104.64	69.287	37.868	0.08903	26.459	0
"2013-09-25	00:00:00"	6.123	102.92	68.365	38.523	0.07483	26.459	0
"2013-09-25	01:00:00"	5.9801	101.75	66.675	41.065	0.04812	26.45	0
"2013-09-25	02:00:00"	6.4635	96.743	65.015	45.291	0.05066	26.441	0
"2013-09-25	03:00:00"	8.3717	113.78	65.686	48.323	0.06677	26.435	0
"2013-09-25	04:00:00"	6.7245	117.16	64.189	53.167	0.05236	26.42	0
"2013-09-25	05:00:00"	6.0621	109.69	61.956	57.565	0.08585	26.412	0
"2013-09-25	06:00:00"	5.9788	126.23	61.785	56.317	0.05957	26.412	0
"2013-09-25	07:00:00"	4.5814	113.64	59.935	60.313	0.07144	26.415	0
"2013-09-25	08:00:00"	4.2974	113.49	58.231	64.618	6.89	26.418	0
"2013-09-25	09:00:00"	4.4092	147.11	62.787	54.791	135.79	26.423	0
"2013-09-25	10:00:00"	7.2943	187.21	70.258	38.707	352.37	26.426	0
"2013-09-25	11:00:00"	10.617	193.07	76.251	30.501	566.67	26.429	0
"2013-09-25	12:00:00"	11.077	192.89	80.912	23.971	742.31	26.409	0
"2013-09-25	13:00:00"	11.117	202.81	83.45	19.527	860.63	26.385	0
"2013-09-25	14:00:00"	10.113	206.75	85.62	17.422	911.82	26.358	0
"2013-09-25	15:00:00"	9.2336	225.19	86.953	16.912	889.17	26.329	0
"2013-09-25	16:00:00"	7.4664	231.12	88.175	16.516	798.11	26.308	0
"2013-09-25	17:00:00"	9.8562	205.17	89.325	16.597	647.17	26.294	0
"2013-09-25	18:00:00"	10.612	202.64	89.481	16.453	446.06	26.282	0
"2013-09-25	19:00:00"	9.8083	192.78	88.579	17.09	226.32	26.276	0
"2013-09-25	20:00:00"	7.0302	177.17	84.597	19.738	42.48	26.273	0
"2013-09-25	21:00:00"	5.5302	152.02	77.786	25.111	0.07334	26.282	0
"2013-09-25	22:00:00"	7.4564	153.16	76.493	26.496	0.04685	26.285	0
"2013-09-25	23:00:00"	12.687	166.44	76.167	34.958	0.07589	26.288	0
"2013-09-26	00:00:00"	14.845	174.24	76.056	38.004	0.04155	26.294	0
"2013-09-26	01:00:00"	13.33	176.34	73.697	45.03	0.07419	26.285	0
"2013-09-26	02:00:00"	11.328	178.16	71.883	50.338	0.06677	26.285	0
"2013-09-26	03:00:00"	9.282	185.37	70.484	52.864	0.0424	26.285	0
"2013-09-26	04:00:00"	8.8893	178.28	69.024	55.629	0.06296	26.282	0
"2013-09-26	05:00:00"	8.9036	181.4	67.719	58.257	0.05427	26.276	0
"2013-09-26	06:00:00"	8.7806	178.49	66.559	60.417	0.05617	26.279	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-26	07:00:00"	7.9038	178.14	65.353	62.521	0.06847	26.291	0
"2013-09-26	08:00:00"	4.3483	197.9	63.703	65.922	6.7123	26.308	0
"2013-09-26	09:00:00"	5.8987	186.83	65.363	63.874	120.65	26.326	0
"2013-09-26	10:00:00"	9.003	198.7	72.256	50.919	315.93	26.344	0
"2013-09-26	11:00:00"	9.6921	195.64	77.621	40.459	540.38	26.353	0
"2013-09-26	12:00:00"	8.6694	206.01	82.57	32.154	712.75	26.35	0
"2013-09-26	13:00:00"	7.8504	222.96	86.245	27.819	828.02	26.335	0
"2013-09-26	14:00:00"	7.8218	216.85	89.049	24.967	878.48	26.32	0
"2013-09-26	15:00:00"	9.9003	194.07	91.269	21.916	862.67	26.296	0
"2013-09-26	16:00:00"	11.96	183.31	92.459	18.427	776.28	26.282	0
"2013-09-26	17:00:00"	11.704	193.84	93.107	16.614	633.4	26.273	0
"2013-09-26	18:00:00"	12.042	181.2	92.605	15.404	439.9	26.267	0
"2013-09-26	19:00:00"	11.469	170.39	90.995	18.044	219.84	26.267	0
"2013-09-26	20:00:00"	10.668	148.49	86.536	21.222	26.475	26.273	0
"2013-09-26	21:00:00"	13.31	146.67	81.971	29.223	0.04621	26.291	0
"2013-09-26	22:00:00"	10.044	144.11	78.89	37.521	0.05511	26.308	0
"2013-09-26	23:00:00"	12.066	157.16	76.795	47.027	0.05299	26.317	0
"2013-09-27	00:00:00"	11.743	152.92	74.707	51.1	0.05787	26.323	0
"2013-09-27	01:00:00"	11.369	158.49	73.142	53.976	0.05109	26.323	0
"2013-09-27	02:00:00"	10.798	161.99	72.103	56.012	0.04642	26.314	0
"2013-09-27	03:00:00"	12.075	169.25	71.892	58.041	0.05215	26.311	0
"2013-09-27	04:00:00"	10.729	171.22	70.905	61.683	0.05914	26.302	0
"2013-09-27	05:00:00"	9.9879	170.37	69.817	63.81	0.06953	26.294	0
"2013-09-27	06:00:00"	9.6331	165.92	68.862	65.488	0.0778	26.299	0
"2013-09-27	07:00:00"	8.2537	185.04	68.164	67.692	0.04897	26.308	0
"2013-09-27	08:00:00"	8.5084	185.37	67.11	71.636	6.583	26.323	0
"2013-09-27	09:00:00"	7.0681	184.97	67.838	72.139	119.62	26.332	0
"2013-09-27	10:00:00"	10.349	192.12	71.441	65.649	322.47	26.344	0
"2013-09-27	11:00:00"	9.3933	195.01	75.17	58.054	525.76	26.347	0
"2013-09-27	12:00:00"	7.4683	203.13	79.315	48.816	693.82	26.344	0
"2013-09-27	13:00:00"	6.6685	186.15	82.257	42.465	800.3	26.323	0
"2013-09-27	14:00:00"	9.2037	190.29	84.962	37.576	777.38	26.299	0
"2013-09-27	15:00:00"	11.211	194.7	87.372	34.054	818.76	26.276	0
"2013-09-27	16:00:00"	11.168	198.54	88.139	32.094	590.13	26.261	0
"2013-09-27	17:00:00"	12.182	190.99	88.388	32.504	470.78	26.249	0
"2013-09-27	18:00:00"	11.7	188.16	87.78	33.767	235.33	26.243	0
"2013-09-27	19:00:00"	16.459	181.24	84.338	43.66	117.86	26.255	0
"2013-09-27	20:00:00"	15.389	167.36	78.33	56.064	16.293	26.264	0
"2013-09-27	21:00:00"	11.023	166.49	75.09	64.047	0.05851	26.279	0
"2013-09-27	22:00:00"	13.816	169.3	75.246	67.733	0.06147	26.302	0
"2013-09-27	23:00:00"	11.851	173.05	73.251	70.811	0.05766	26.302	0
"2013-09-28	00:00:00"	11.4	237.97	71.062	72.145	0.08543	26.361	0.27
"2013-09-28	01:00:00"	6.9923	190.91	67.901	88.104	0.06614	26.35	0.72
"2013-09-28	02:00:00"	10.33	157.49	68.46	85.492	0.06317	26.35	0.18
"2013-09-28	03:00:00"	10.361	71.783	67.81	85.126	0.07017	26.385	0.01

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-28	04:00:00"	14.914	12.329	58.506	81.196	0.06974	26.4	0.05
"2013-09-28	05:00:00"	11.551	22.004	57.105	72.919	0.0566	26.415	0
"2013-09-28	06:00:00"	10.843	6.2367	59.872	65.573	0.06084	26.435	0
"2013-09-28	07:00:00"	11.87	357.34	60.701	48.629	0.08161	26.453	0
"2013-09-28	08:00:00"	13.272	3.7352	60.355	46.817	0.44918	26.483	0
"2013-09-28	09:00:00"	12.706	5.3128	59.983	47.85	86.279	26.497	0
"2013-09-28	10:00:00"	17.244	21.292	61.084	49.232	334.21	26.524	0
"2013-09-28	11:00:00"	18.329	38.756	62.543	58.356	544.61	26.565	0
"2013-09-28	12:00:00"	17.512	53.447	63.577	58.017	717.5	26.586	0
"2013-09-28	13:00:00"	16.158	48.553	64.642	53.864	833.69	26.595	0
"2013-09-28	14:00:00"	13.118	59.386	66.011	50.172	881.5	26.589	0
"2013-09-28	15:00:00"	11.354	64.71	68.106	45.984	860.54	26.571	0
"2013-09-28	16:00:00"	9.9475	52.83	69.552	43.289	771.3	26.547	0
"2013-09-28	17:00:00"	9.0117	42.787	70.904	40.424	622.58	26.542	0
"2013-09-28	18:00:00"	8.5892	37.427	71.349	36.692	428.39	26.539	0
"2013-09-28	19:00:00"	8.2027	39.44	71.114	36.904	211.57	26.545	0
"2013-09-28	20:00:00"	5.4774	36.779	68.356	41.551	36.599	26.559	0
"2013-09-28	21:00:00"	4.4105	51.074	63.45	56.443	0.06147	26.58	0
"2013-09-28	22:00:00"	4.8305	53.582	61.14	63.965	0.06296	26.609	0
"2013-09-28	23:00:00"	5.0586	76.484	60.066	64.386	0.06847	26.621	0
"2013-09-29	00:00:00"	5.0704	53.14	57.384	72.531	0.06126	26.627	0
"2013-09-29	01:00:00"	5.652	55.291	56.583	71.737	0.0744	26.627	0
"2013-09-29	02:00:00"	6.0608	52.126	55.055	73.355	0.07398	26.609	0
"2013-09-29	03:00:00"	5.4848	56.712	53.925	74.364	0.07504	26.604	0
"2013-09-29	04:00:00"	4.4061	59.141	52.361	78.219	0.07144	26.598	0
"2013-09-29	05:00:00"	4.6112	64.644	52.524	75.455	0.08967	26.592	0
"2013-09-29	06:00:00"	4.3807	57.799	52.335	74.607	0.07886	26.592	0
"2013-09-29	07:00:00"	3.6593	75.66	52.298	74.169	0.06423	26.595	0
"2013-09-29	08:00:00"	1.615	80.238	51.886	76.441	6.0622	26.607	0
"2013-09-29	09:00:00"	1.5292	272.85	53.693	74.702	131.89	26.615	0
"2013-09-29	10:00:00"	4.0936	223.13	58.896	64.672	345.8	26.63	0
"2013-09-29	11:00:00"	5.9658	217.84	62.973	53.826	558.05	26.63	0
"2013-09-29	12:00:00"	6.3554	224.87	65.678	47.012	730.6	26.615	0
"2013-09-29	13:00:00"	6.822	216.28	68.827	41.024	845.68	26.589	0
"2013-09-29	14:00:00"	7.6279	230.88	71.315	37.736	895.16	26.559	0
"2013-09-29	15:00:00"	7.7062	250.26	73.822	34.204	872.85	26.518	0
"2013-09-29	16:00:00"	7.8013	245.02	76.192	28.465	783.38	26.491	0
"2013-09-29	17:00:00"	8.5985	229.37	77.519	26.571	632.44	26.474	0
"2013-09-29	18:00:00"	8.1232	231.22	78.311	25.126	434.88	26.459	0
"2013-09-29	19:00:00"	8.2487	228.58	77.951	25.364	215.12	26.456	0
"2013-09-29	20:00:00"	4.7199	213.31	73.849	31.049	36.617	26.45	0
"2013-09-29	21:00:00"	4.1936	183.38	67.118	42.39	0.05511	26.45	0
"2013-09-29	22:00:00"	4.641	188.79	65.411	44.777	0.07589	26.462	0
"2013-09-29	23:00:00"	3.6406	190.38	62.863	51.027	0.05702	26.468	0
"2013-09-30	00:00:00"	3.5014	237.51	61.077	55.339	0.05999	26.465	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-09-30	01:00:00"	3.4623	226.2	59.344	59.554	0.05893	26.45	0
"2013-09-30	02:00:00"	3.7773	237.77	57.947	64.145	0.06932	26.441	0
"2013-09-30	03:00:00"	3.348	230.76	56.846	66.94	0.06169	26.429	0
"2013-09-30	04:00:00"	3.3504	226.63	56.873	64.069	0.06147	26.403	0
"2013-09-30	05:00:00"	3.1149	259.35	55.997	66.682	0.07758	26.394	0
"2013-09-30	06:00:00"	3.7512	260.37	54.081	72.327	0.0778	26.391	0
"2013-09-30	07:00:00"	2.8651	260	52.919	74.707	0.05257	26.391	0
"2013-09-30	08:00:00"	2.7365	261.64	52.516	74.663	6.0249	26.391	0
"2013-09-30	09:00:00"	2.5793	278.25	54.361	72.807	132.01	26.4	0
"2013-09-30	10:00:00"	4.4229	263.82	62.627	50.172	348.25	26.403	0
"2013-09-30	11:00:00"	6.4939	268.83	70.119	39.891	562.03	26.406	0
"2013-09-30	12:00:00"	8.8632	269.76	79.508	23.007	734.13	26.397	0
"2013-09-30	13:00:00"	6.8916	249.61	83.334	18.785	846.97	26.376	0
"2013-09-30	14:00:00"	8.3792	236.25	85.378	16.32	897.04	26.356	0
"2013-09-30	15:00:00"	9.7965	255.98	86.659	15.7	872.1	26.326	0
"2013-09-30	16:00:00"	10.126	263.62	87.651	14.047	783.61	26.317	0
"2013-09-30	17:00:00"	9.8388	250.06	87.881	13.231	633.2	26.311	0
"2013-09-30	18:00:00"	8.3605	251.12	87.856	12.886	433.59	26.308	0
"2013-09-30	19:00:00"	6.9283	259.48	86.662	13.504	214.82	26.305	0
"2013-09-30	20:00:00"	1.7218	274.33	82.075	18.17	36.791	26.308	0
"2013-09-30	21:00:00"	1.6448	337.22	77.754	18.699	0.07101	26.314	0
"2013-09-30	22:00:00"	1.5572	285.48	74.774	21.66	0.04748	26.323	0
"2013-09-30	23:00:00"	1.7951	328.34	71.329	27.346	0.05172	26.335	0
"2013-10-01	00:00:00"	2.3246	247.96	68.327	34.34	0.04367	26.332	0
"2013-10-01	01:00:00"	1.3005	261.7	65.071	37.834	0.06423	26.326	0
"2013-10-01	02:00:00"	2.5868	327.18	67.134	33.51	0.09391	26.323	0
"2013-10-01	03:00:00"	4.5292	174.6	61.518	49.532	0.07398	26.329	0
"2013-10-01	04:00:00"	2.931	208.74	59.13	59.741	0.05363	26.317	0
"2013-10-01	05:00:00"	2.6992	244.66	57.801	66.18	0.06529	26.32	0
"2013-10-01	06:00:00"	1.4857	281.99	57.084	63.918	0.07504	26.329	0
"2013-10-01	07:00:00"	2.716	280.74	57.685	65.246	0.06762	26.341	0
"2013-10-01	08:00:00"	2.5097	253.3	56.251	70.635	5.1662	26.35	0
"2013-10-01	09:00:00"	2.606	252.64	57.727	72.373	126.17	26.364	0
"2013-10-01	10:00:00"	3.22	246.95	64.022	67.257	338.99	26.379	0
"2013-10-01	11:00:00"	3.4151	264.91	71.026	48.224	550.02	26.388	0
"2013-10-01	12:00:00"	5.2904	256.92	79.356	28.829	721.86	26.385	0
"2013-10-01	13:00:00"	5.3562	235.77	84.241	19.189	839.97	26.379	0
"2013-10-01	14:00:00"	3.8842	281.41	88.079	14.196	775.68	26.406	0.1
"2013-10-01	15:00:00"	4.0501	270.21	90.019	11.84	868.59	26.385	0
"2013-10-01	16:00:00"	4.4969	254.36	90.928	11.383	783.25	26.376	0
"2013-10-01	17:00:00"	5.2885	253.53	91.166	10.723	621.89	26.373	0
"2013-10-01	18:00:00"	4.5789	251.09	90.657	10.649	433.71	26.37	0
"2013-10-01	19:00:00"	2.6613	264.22	89.773	12.407	200.43	26.367	0
"2013-10-01	20:00:00"	1.5808	210.23	83.228	17.403	24.725	26.373	0
"2013-10-01	21:00:00"	1.591	85.171	76.204	21.607	0.04558	26.388	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-01	22:00:00"	1.1601	264.62	72.482	25.263	0.06677	26.406	0
"2013-10-01	23:00:00"	1.3092	346.97	68.082	31.991	0.05808	26.412	0
"2013-10-02	00:00:00"	1.4863	48.131	66.509	34.06	0.05787	26.412	0
"2013-10-02	01:00:00"	2.053	70.321	63.691	42.455	0.06911	26.406	0
"2013-10-02	02:00:00"	2.7943	101.69	62.095	43.738	0.06423	26.412	0
"2013-10-02	03:00:00"	4.1508	150.53	61.478	54.914	0.07377	26.418	0
"2013-10-02	04:00:00"	1.7827	178.74	59.446	77.868	0.06296	26.409	0
"2013-10-02	05:00:00"	2.3848	207.89	60.964	85.591	0.06571	26.406	0
"2013-10-02	06:00:00"	1.3676	343.43	58.3	87.839	0.06232	26.406	0
"2013-10-02	07:00:00"	1.0905	32.328	57.45	90.204	0.06063	26.415	0
"2013-10-02	08:00:00"	1.2697	317.32	57.687	91.077	4.285	26.429	0
"2013-10-02	09:00:00"	557.23	345.09	59.08	92.039	145.68	26.447	0
"2013-10-02	10:00:00"	2.634	230.86	63.662	82.784	340.86	26.453	0
"2013-10-02	11:00:00"	4.5304	211.99	70.055	54.975	552.72	26.465	0
"2013-10-02	12:00:00"	3.6996	239.04	77.455	30.085	626.23	26.42	0
"2013-10-02	13:00:00"	5.0834	254.66	82.143	22.87	836.41	26.406	0
"2013-10-02	14:00:00"	3.2429	242.42	85.879	17.7	881.88	26.382	0
"2013-10-02	15:00:00"	3.4865	241.88	88.864	13.099	860.77	26.361	0
"2013-10-02	16:00:00"	5.2593	270.42	89.779	10.159	773.03	26.344	0
"2013-10-02	17:00:00"	7.718	235.76	90.094	9.5628	621.22	26.335	0
"2013-10-02	18:00:00"	6.7649	234.1	89.882	9.4203	422.28	26.332	0
"2013-10-02	19:00:00"	6.205	219.06	88.44	10.145	202.76	26.329	0
"2013-10-02	20:00:00"	3.5226	200.33	81.59	14.856	30.583	26.335	0
"2013-10-02	21:00:00"	1.1663	146.35	77.047	15.885	0.05363	26.344	0
"2013-10-02	22:00:00"	2.5961	144.7	74.273	18.827	0.05999	26.367	0
"2013-10-02	23:00:00"	3.1876	319.15	74.3	19.848	0.06126	26.37	0
"2013-10-03	00:00:00"	8.9906	171.04	70.882	48.243	0.06444	26.376	0
"2013-10-03	01:00:00"	8.3208	174.26	70.324	65.197	0.05702	26.37	0
"2013-10-03	02:00:00"	5.0517	202.33	68.396	72.49	0.05978	26.361	0
"2013-10-03	03:00:00"	4.6	205.45	66.232	79.002	0.05278	26.364	0
"2013-10-03	04:00:00"	4.5944	197.78	65.015	83.059	0.07038	26.353	0
"2013-10-03	05:00:00"	3.0441	205.4	63.189	87.023	0.06105	26.347	0
"2013-10-03	06:00:00"	2.657	222.86	62.145	89.556	0.06338	26.353	0
"2013-10-03	07:00:00"	3.3119	187.24	61.623	91.413	0.06677	26.353	0
"2013-10-03	08:00:00"	3.3591	201.25	61.286	91.901	3.9208	26.358	0
"2013-10-03	09:00:00"	4.8082	200.96	62.645	92.552	133.57	26.376	0
"2013-10-03	10:00:00"	7.0426	210.15	66.611	86.751	325.87	26.382	0
"2013-10-03	11:00:00"	7.5633	200.11	73.114	64.206	529.37	26.388	0
"2013-10-03	12:00:00"	7.6205	218.71	78.968	44.389	691.14	26.385	0
"2013-10-03	13:00:00"	8.0704	217.7	83.791	29.223	787.52	26.361	0
"2013-10-03	14:00:00"	10.545	210.13	86.604	22.022	830.35	26.341	0
"2013-10-03	15:00:00"	11.388	212.62	87.56	20.704	807.36	26.308	0
"2013-10-03	16:00:00"	10.95	204.77	88.416	21.366	679.16	26.288	0
"2013-10-03	17:00:00"	12.57	206.24	89.252	21.095	536.65	26.273	0
"2013-10-03	18:00:00"	12.014	208.17	88.572	21.254	324.98	26.264	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-03	19:00:00"	9.7748	202.67	88.019	21.151	194.6	26.258	0
"2013-10-03	20:00:00"	5.7539	247.53	83.536	23.971	11.995	26.27	0
"2013-10-03	21:00:00"	7.0961	198.23	80	26.279	0.06529	26.299	0
"2013-10-03	22:00:00"	6.3448	189.95	77.603	33.281	0.0619	26.311	0
"2013-10-03	23:00:00"	8.3587	183.51	76.181	53.646	0.05639	26.317	0
"2013-10-04	00:00:00"	9.4542	180.91	74.287	62.343	0.07186	26.317	0
"2013-10-04	01:00:00"	9.9351	169.99	72.151	66.034	0.08437	26.308	0
"2013-10-04	02:00:00"	8.6284	168.66	70.016	67.746	0.05872	26.311	0
"2013-10-04	03:00:00"	8.1368	166.2	68.305	72.617	0.06169	26.317	0
"2013-10-04	04:00:00"	8.1294	168.67	66.789	75.293	0.05723	26.308	0
"2013-10-04	05:00:00"	7.0414	172.41	66.039	76.402	0.08967	26.305	0
"2013-10-04	06:00:00"	3.9619	192.68	63.946	80.182	0.06211	26.311	0
"2013-10-04	07:00:00"	2.9279	213.29	62.234	82.143	0.05088	26.326	0
"2013-10-04	08:00:00"	4.2061	208.12	61.941	82.81	1.6295	26.338	0
"2013-10-04	09:00:00"	3.3256	222.67	61.791	84.188	54.364	26.358	0
"2013-10-04	10:00:00"	6.0261	229.32	63.842	83.569	143.11	26.37	0
"2013-10-04	11:00:00"	9.3746	217.91	71.768	63.074	532.09	26.379	0
"2013-10-04	12:00:00"	9.7841	241.18	77.611	40.033	699.03	26.376	0
"2013-10-04	13:00:00"	11.009	249.95	83.387	21.598	813.57	26.367	0
"2013-10-04	14:00:00"	12.499	241.49	85.873	17.599	862.56	26.35	0
"2013-10-04	15:00:00"	14.205	244.93	87.14	15.119	841.7	26.329	0
"2013-10-04	16:00:00"	12.931	255.89	87.902	14.739	750.18	26.314	0
"2013-10-04	17:00:00"	16.057	243.99	88.496	12.54	603.9	26.311	0
"2013-10-04	18:00:00"	17.432	239.94	87.412	10.878	412.71	26.317	0
"2013-10-04	19:00:00"	14.25	240.46	85.727	12.916	190.97	26.317	0
"2013-10-04	20:00:00"	6.0615	227.62	80.2	16.982	25.043	26.326	0
"2013-10-04	21:00:00"	3.5493	193.31	73.637	21.919	0.0496	26.344	0
"2013-10-04	22:00:00"	4.403	270.39	73.942	23.369	0.06974	26.364	0
"2013-10-04	23:00:00"	3.8189	147.07	71.615	25.662	0.05999	26.394	0
"2013-10-05	00:00:00"	3.8892	144.48	69.267	28.648	0.06889	26.403	0
"2013-10-05	01:00:00"	3.54	157.69	67.14	30.903	0.08458	26.415	0
"2013-10-05	02:00:00"	9.1385	6.2178	66.05	30.893	0.05003	26.423	0
"2013-10-05	03:00:00"	11.197	18.272	62.465	31.057	0.0708	26.438	0
"2013-10-05	04:00:00"	18.011	33.928	59.507	37.124	0.05639	26.456	0
"2013-10-05	05:00:00"	19.825	34.235	55.504	40.753	0.08161	26.48	0
"2013-10-05	06:00:00"	19.704	32.595	51.974	41.514	0.09285	26.515	0
"2013-10-05	07:00:00"	17.051	25.32	50.004	42.642	0.07059	26.545	0
"2013-10-05	08:00:00"	18.869	19.302	48.045	41.726	1.7741	26.568	0
"2013-10-05	09:00:00"	19.564	22.094	46.647	39.508	103.65	26.589	0
"2013-10-05	10:00:00"	19.348	27.523	48.45	35.86	319.87	26.609	0
"2013-10-05	11:00:00"	17.111	33.728	52.179	31.809	530.7	26.627	0
"2013-10-05	12:00:00"	13.769	29.007	55.676	28.839	707.43	26.633	0
"2013-10-05	13:00:00"	10.973	34.847	59.027	26.908	821.91	26.618	0
"2013-10-05	14:00:00"	9.7561	36.736	61.868	25.544	868.72	26.592	0
"2013-10-05	15:00:00"	7.8268	26.672	64.217	23.569	847.66	26.568	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-05	16:00:00"	8.048	32.733	65.77	22.293	756.64	26.559	0
"2013-10-05	17:00:00"	7.0898	30.457	67.1	21.008	601.97	26.553	0
"2013-10-05	18:00:00"	6.5729	35.616	67.826	20.297	401.98	26.55	0
"2013-10-05	19:00:00"	6.5113	48.023	67.451	20.539	184.67	26.565	0
"2013-10-05	20:00:00"	4.7827	73.848	63.56	25.011	21.342	26.571	0
"2013-10-05	21:00:00"	4.5509	82.203	58.117	31.98	0.0496	26.586	0
"2013-10-05	22:00:00"	4.9449	87.109	56.799	33.336	0.07483	26.598	0
"2013-10-05	23:00:00"	5.1481	57.79	55.275	35.02	0.07377	26.615	0
"2013-10-06	00:00:00"	5.4451	41.422	54.831	35.094	0.06465	26.618	0
"2013-10-06	01:00:00"	5.4749	31.341	50.985	41.981	0.06953	26.618	0
"2013-10-06	02:00:00"	6.4268	15.276	48.729	44.631	0.08818	26.621	0
"2013-10-06	03:00:00"	5.611	15.764	47.384	45.894	0.07631	26.618	0
"2013-10-06	04:00:00"	5.204	13.189	46.639	47.251	0.06995	26.615	0
"2013-10-06	05:00:00"	4.8846	8.7139	46.081	47.582	0.07631	26.621	0
"2013-10-06	06:00:00"	2.437	34.906	44.444	50.311	0.07059	26.627	0
"2013-10-06	07:00:00"	3.0801	19.587	43.723	51.347	0.09348	26.645	0
"2013-10-06	08:00:00"	3.2721	19.911	42.747	53.764	3.4801	26.648	0
"2013-10-06	09:00:00"	2.2164	2.0489	45.151	52.29	119.31	26.666	0
"2013-10-06	10:00:00"	1.9319	281.3	55.336	37.911	334.63	26.692	0
"2013-10-06	11:00:00"	4.203	256.74	60.618	30.748	552.18	26.695	0
"2013-10-06	12:00:00"	4.6099	272.91	64.974	26.035	726.52	26.686	0
"2013-10-06	13:00:00"	4.1421	328.07	68.303	19.424	839.88	26.677	0
"2013-10-06	14:00:00"	4.4192	270.84	70.646	15.696	887	26.657	0
"2013-10-06	15:00:00"	4.2085	277.99	72.556	14.519	861.56	26.627	0
"2013-10-06	16:00:00"	4.1936	239.91	73.986	13.833	756.78	26.615	0
"2013-10-06	17:00:00"	4.344	248.01	74.904	13.26	610.44	26.604	0
"2013-10-06	18:00:00"	3.681	252.79	75.926	11.932	407.15	26.598	0
"2013-10-06	19:00:00"	3.7599	227.37	74.838	12.414	183.97	26.604	0
"2013-10-06	20:00:00"	2.0835	197.48	70.073	16.928	20.446	26.607	0
"2013-10-06	21:00:00"	1.9592	192.88	63.116	20.869	0.06677	26.618	0
"2013-10-06	22:00:00"	2.9341	267.35	61.255	22.912	0.06847	26.633	0
"2013-10-06	23:00:00"	3.6176	289.12	59.99	26.244	0.05639	26.639	0
"2013-10-07	00:00:00"	1.5615	258.85	57.961	27.467	0.05766	26.636	0
"2013-10-07	01:00:00"	3.4573	317.13	57.72	26.099	0.0619	26.63	0
"2013-10-07	02:00:00"	3.2436	317.66	56.966	25.05	0.06359	26.627	0
"2013-10-07	03:00:00"	4.9231	341.22	53.76	28.944	0.0973	26.63	0
"2013-10-07	04:00:00"	6.192	0.45701	50.977	30.76	0.06487	26.624	0
"2013-10-07	05:00:00"	6.1261	357.67	51.229	30.433	0.07313	26.627	0
"2013-10-07	06:00:00"	3.7543	324.58	52.14	29.497	0.06974	26.636	0
"2013-10-07	07:00:00"	4.1371	331.7	51.664	30.098	0.05935	26.636	0
"2013-10-07	08:00:00"	3.9699	348.31	49.354	32.634	3.1182	26.642	0
"2013-10-07	09:00:00"	5.2382	358.76	52.627	30.653	117.78	26.663	0
"2013-10-07	10:00:00"	5.1487	344.4	63.708	22.701	331.49	26.677	0
"2013-10-07	11:00:00"	4.7087	337.17	69.549	17.447	544.98	26.677	0
"2013-10-07	12:00:00"	3.2777	274.27	72.568	15.154	717.54	26.669	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-07	13:00:00"	2.885	13.728	75.147	13.334	832.08	26.651	0
"2013-10-07	14:00:00"	5.0679	271.3	77.103	11.925	879.32	26.627	0
"2013-10-07	15:00:00"	5.5625	257.21	78.272	11.549	854.55	26.598	0
"2013-10-07	16:00:00"	5.2624	230.52	79.417	11.187	759.74	26.58	0
"2013-10-07	17:00:00"	5.6215	192.88	79.821	11.258	604.01	26.562	0
"2013-10-07	18:00:00"	5.6806	183.98	79.846	11.391	400.16	26.55	0
"2013-10-07	19:00:00"	5.6911	192.7	78.421	12.323	180.07	26.547	0
"2013-10-07	20:00:00"	3.5685	167.56	72.658	16.655	18.678	26.545	0
"2013-10-07	21:00:00"	4.9032	170.68	67.568	19.278	0.06275	26.55	0
"2013-10-07	22:00:00"	4.9014	163.31	64.173	21.711	0.05808	26.565	0
"2013-10-07	23:00:00"	1.9797	157.63	62.269	22.63	0.05829	26.559	0
"2013-10-08	00:00:00"	3.5269	159.51	61.034	23.177	0.05829	26.553	0
"2013-10-08	01:00:00"	5.7359	170.46	58.576	26.902	0.05342	0.02628	0
"2013-10-08	02:00:00"	4.4913	170.43	55.858	30.147	0.05321	26.521	0
"2013-10-08	03:00:00"	3.3132	176.82	54.573	31.877	0.06508	26.518	0
"2013-10-08	04:00:00"	4.2104	169.32	53.883	32.729	0.07229	26.509	0
"2013-10-08	05:00:00"	3.7388	180.13	53.012	34.18	0.06105	26.5	0
"2013-10-08	06:00:00"	4.3881	174.03	52.178	35.921	0.06995	26.497	0
"2013-10-08	07:00:00"	5.1487	166.92	50.877	39.466	0.07292	26.494	0
"2013-10-08	08:00:00"	5.4376	170.77	51.262	39.771	4.8141	26.491	0
"2013-10-08	09:00:00"	3.5953	200.98	52.763	39.587	127.1	26.5	0
"2013-10-08	10:00:00"	8.611	183.63	63.634	27.434	349.5	26.509	0
"2013-10-08	11:00:00"	11.528	188.91	68.978	21.529	498.44	26.512	0
"2013-10-08	12:00:00"	11.034	185.59	72.448	18.771	590.5	26.503	0
"2013-10-08	13:00:00"	10.079	189.09	75.717	16.119	842.7	26.483	0
"2013-10-08	14:00:00"	8.6986	193.96	79.15	12.508	898.37	26.453	0
"2013-10-08	15:00:00"	8.3071	188.09	81.232	10.54	853.52	26.423	0
"2013-10-08	16:00:00"	9.2938	185.46	82.574	9.7078	777.45	26.406	0
"2013-10-08	17:00:00"	7.9132	177.8	83.087	9.9525	606.81	26.388	0
"2013-10-08	18:00:00"	9.6903	179.18	83.005	10.574	405.1	26.376	0
"2013-10-08	19:00:00"	10.192	175.94	81.513	12.113	175.54	26.37	0
"2013-10-08	20:00:00"	6.3032	160.16	75.5	16.236	16.484	26.373	0
"2013-10-08	21:00:00"	8.7222	144.25	71.753	21.727	0.0549	26.385	0
"2013-10-08	22:00:00"	7.9585	141.63	68.746	25.629	0.07207	26.394	0
"2013-10-08	23:00:00"	6.8717	142.54	65.56	29.263	0.05427	26.397	0
"2013-10-09	00:00:00"	9.7375	164.98	65.713	30.155	0.06296	26.394	0
"2013-10-09	01:00:00"	10.073	172.82	64.727	33.169	0.0708	26.391	0
"2013-10-09	02:00:00"	7.5851	172.07	62.607	36.086	0.05681	26.382	0
"2013-10-09	03:00:00"	10.148	170.45	61.846	36.85	0.07928	26.385	0
"2013-10-09	04:00:00"	7.0793	181.11	60.272	38.897	0.04982	26.373	0
"2013-10-09	05:00:00"	7.2172	184.05	59.403	40.251	0.06508	26.379	0
"2013-10-09	06:00:00"	6.85	184.06	59.594	41.08	0.06126	26.388	0
"2013-10-09	07:00:00"	8.8937	176.86	60.203	40.459	0.06147	26.388	0
"2013-10-09	08:00:00"	3.9296	207.43	57.276	45.73	2.6822	26.388	0
"2013-10-09	09:00:00"	3.7574	205.73	55.648	50.168	46.541	26.397	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-09	10:00:00"	8.6557	191.89	61.676	43.058	298.12	26.42	0
"2013-10-09	11:00:00"	10.582	197.32	66.934	36.545	441.79	26.432	0
"2013-10-09	12:00:00"	10.092	205.71	72.188	30.227	623.08	26.438	0
"2013-10-09	13:00:00"	9.1236	217.45	77.105	24.88	848.42	26.429	0
"2013-10-09	14:00:00"	8.2064	237.13	80.63	20.533	805.96	26.409	0
"2013-10-09	15:00:00"	6.4014	219.2	82.421	18.884	683.94	26.385	0
"2013-10-09	16:00:00"	8.4115	202.46	83.219	18.388	525.61	26.376	0
"2013-10-09	17:00:00"	8.4774	209.69	84.38	16.863	486.86	26.364	0
"2013-10-09	18:00:00"	8.6979	182.04	85.087	16.372	389.11	26.358	0
"2013-10-09	19:00:00"	7.5925	165.28	83.395	17.52	161.64	26.361	0
"2013-10-09	20:00:00"	4.9486	144.36	76.583	23.277	13.912	26.373	0
"2013-10-09	21:00:00"	6.9084	151.59	71.912	31.367	0.05003	26.391	0
"2013-10-09	22:00:00"	8.2624	146.9	69.402	39.569	0.07801	26.4	0
"2013-10-09	23:00:00"	9.8643	154.98	67.446	46.011	0.05914	26.406	0
"2013-10-10	00:00:00"	9.438	154.07	65.469	50.684	0.08394	26.406	0
"2013-10-10	01:00:00"	10.105	164.69	64.654	55.085	0.05766	26.391	0
"2013-10-10	02:00:00"	10.536	152.38	64.59	57.06	0.08564	26.385	0
"2013-10-10	03:00:00"	9.3106	164.33	63.176	59.979	0.06359	26.382	0
"2013-10-10	04:00:00"	6.9873	171.25	62.558	61.172	0.08076	26.385	0
"2013-10-10	05:00:00"	7.6242	166.85	61.463	62.117	0.06487	26.379	0
"2013-10-10	06:00:00"	8.5041	174.45	61.04	60.22	0.06847	26.382	0
"2013-10-10	07:00:00"	8.7153	174.29	60.942	61.189	0.06699	26.376	0
"2013-10-10	08:00:00"	8.0878	173.25	60.296	66.922	1.8809	26.376	0
"2013-10-10	09:00:00"	5.4134	192.78	60.487	68.258	98.53	26.394	0
"2013-10-10	10:00:00"	11.087	181.8	64.854	59.537	297.7	26.397	0
"2013-10-10	11:00:00"	10.413	187.56	69.461	49.829	506.34	26.394	0
"2013-10-10	12:00:00"	10.97	187.11	74.262	41.558	674.32	26.385	0
"2013-10-10	13:00:00"	12.173	190.88	78.325	35.354	783.41	26.367	0
"2013-10-10	14:00:00"	12.997	186.42	80.851	31.622	827.62	26.335	0
"2013-10-10	15:00:00"	12.808	190.32	82.977	28.723	802.13	26.299	0
"2013-10-10	16:00:00"	14.255	196.43	84.466	25.752	711.46	26.279	0
"2013-10-10	17:00:00"	14.82	201.17	85.601	24.096	555.91	26.258	0
"2013-10-10	18:00:00"	14.653	183.17	85.552	26.808	355.49	26.249	0
"2013-10-10	19:00:00"	13.963	166.08	83.794	30.165	130.94	26.24	0
"2013-10-10	20:00:00"	13.076	158.54	79.124	38.392	11.037	26.249	0
"2013-10-10	21:00:00"	15.511	168.41	75.7	44.162	0.06296	26.261	0
"2013-10-10	22:00:00"	15.484	176.58	73.118	49.234	0.06169	26.288	0
"2013-10-10	23:00:00"	14.932	178.88	70.937	55.348	0.05109	26.311	0
"2013-10-11	00:00:00"	10.31	186.97	68.703	61.529	0.07525	26.326	0
"2013-10-11	01:00:00"	6.712	197.74	66.656	66.546	0.0744	26.329	0
"2013-10-11	02:00:00"	5.542	199.33	64.829	70.644	0.07716	26.329	0
"2013-10-11	03:00:00"	3.9718	244.46	62.527	75.681	0.07483	26.338	0
"2013-10-11	04:00:00"	3.1106	266.39	61.159	78.692	0.06614	26.332	0
"2013-10-11	05:00:00"	5.5638	352.84	59.11	72.368	0.06529	26.353	0
"2013-10-11	06:00:00"	5.8483	35.489	54.077	63.685	0.0619	26.364	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-11	07:00:00"	5.8372	27.157	52.092	57.682	0.07992	26.385	0
"2013-10-11	08:00:00"	6.1019	26.902	50.1	54.814	1.6643	26.397	0
"2013-10-11	09:00:00"	7.5062	17.83	52.719	44.818	100.74	26.415	0
"2013-10-11	10:00:00"	7.4881	6.9768	59.997	33.265	308.77	26.432	0
"2013-10-11	11:00:00"	4.8088	4.6208	65.326	26.663	519.45	26.441	0
"2013-10-11	12:00:00"	3.5344	321.72	69.415	23.044	686.94	26.438	0
"2013-10-11	13:00:00"	7.1849	240.86	72.555	22.134	799.04	26.426	0
"2013-10-11	14:00:00"	7.879	220.14	75.029	21.164	843.86	26.397	0
"2013-10-11	15:00:00"	11.468	245.27	77.683	19.542	817.76	26.373	0
"2013-10-11	16:00:00"	14.142	247.14	78.397	19.561	720.02	26.367	0
"2013-10-11	17:00:00"	13.38	238.82	79.044	20.169	560.82	26.361	0
"2013-10-11	18:00:00"	12.819	235.32	79.289	20.738	358.08	26.356	0
"2013-10-11	19:00:00"	13.566	245.78	78.174	20.818	148.67	26.367	0
"2013-10-11	20:00:00"	7.9784	245.75	74.669	22.192	11.491	26.37	0
"2013-10-11	21:00:00"	5.4227	272.09	71.385	24.854	0.04134	26.391	0
"2013-10-11	22:00:00"	6.6108	310.49	68.279	27.797	0.08098	26.403	0
"2013-10-11	23:00:00"	9.5449	318.87	68.847	27.001	0.0619	26.412	0
"2013-10-12	00:00:00"	6.1497	319.43	65.653	30.397	0.08606	26.418	0
"2013-10-12	01:00:00"	3.1945	322.47	62.822	33.975	0.06995	26.426	0
"2013-10-12	02:00:00"	2.3525	25.892	60.122	36.454	0.0744	26.435	0
"2013-10-12	03:00:00"	5.4811	31.82	58.756	35.051	0.05554	26.447	0
"2013-10-12	04:00:00"	6.5505	37.088	55.653	36.312	0.06317	26.45	0
"2013-10-12	05:00:00"	4.3732	28.276	52.367	39.779	0.05829	26.456	0
"2013-10-12	06:00:00"	6.8332	18.865	52.948	35.482	0.06889	26.474	0
"2013-10-12	07:00:00"	7.6354	22.397	52.942	33.749	0.06105	26.494	0
"2013-10-12	08:00:00"	6.4293	26.602	50.82	36.689	1.4569	26.506	0
"2013-10-12	09:00:00"	8.4991	16.74	52.783	35.781	99.25	26.527	0
"2013-10-12	10:00:00"	11.125	19.087	60.201	31.345	304.06	26.547	0
"2013-10-12	11:00:00"	11.082	29.192	66.275	26.146	509.95	26.553	0
"2013-10-12	12:00:00"	9.932	40.784	71.254	22.178	668.32	26.556	0
"2013-10-12	13:00:00"	7.8001	77.432	74.781	20.177	784.33	26.55	0
"2013-10-12	14:00:00"	4.8517	82.566	76.522	24.238	826.3	26.524	0
"2013-10-12	15:00:00"	6.0876	100.85	78.467	25.005	798.75	26.503	0
"2013-10-12	16:00:00"	6.0248	98.935	79.746	22.68	710.91	26.485	0
"2013-10-12	17:00:00"	6.7872	109.35	80.302	23.364	554.07	26.48	0
"2013-10-12	18:00:00"	7.3912	129.42	80.56	26.157	349.21	26.48	0
"2013-10-12	19:00:00"	6.571	117.03	79.449	29.156	137.45	26.485	0
"2013-10-12	20:00:00"	6.8307	76.159	74.376	34.743	9.0958	26.491	0
"2013-10-12	21:00:00"	5.4457	59.638	68.901	42.469	0.08034	26.506	0
"2013-10-12	22:00:00"	8.6812	74.852	68.568	41.585	0.07907	26.53	0
"2013-10-12	23:00:00"	11.052	84.555	68.387	34.65	0.05575	26.545	0
"2013-10-13	00:00:00"	9.9102	75.557	66.507	36.153	0.07843	26.55	0
"2013-10-13	01:00:00"	9.4069	73.289	64.586	38.951	0.07504	26.553	0
"2013-10-13	02:00:00"	10.217	80.092	64.788	36.733	0.0672	26.562	0
"2013-10-13	03:00:00"	11.654	79.075	64.163	36.322	0.07843	26.559	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-13	04:00:00"	12.033	73.977	62.321	41.187	0.07398	26.55	0
"2013-10-13	05:00:00"	10.282	65.297	59.074	49.155	0.05172	26.545	0
"2013-10-13	06:00:00"	11.156	63.069	57.62	54.983	0.06593	26.559	0
"2013-10-13	07:00:00"	12.018	61.741	57.851	60.387	0.07504	26.547	0
"2013-10-13	08:00:00"	12.856	63.404	58.186	65.146	0.10281	26.562	0
"2013-10-13	09:00:00"	12.615	58.668	59.125	68.426	1.482	26.607	0
"2013-10-13	10:00:00"	9.1814	346.32	57.652	85.192	1.6473	26.627	0.68
"2013-10-13	11:00:00"	11.149	58.986	57.971	93.104	25.136	26.598	0.53
"2013-10-13	12:00:00"	10.552	82.439	59.551	93.252	76.23	26.589	0
"2013-10-13	13:00:00"	8.6774	66.119	60.771	90.745	62.826	26.601	0.34
"2013-10-13	14:00:00"	9.0186	23.994	60.296	92.069	19.796	26.571	0.44
"2013-10-13	15:00:00"	10.799	57.992	59.523	92.632	90.55	26.542	0.2
"2013-10-13	16:00:00"	11.92	68.473	60.952	91.417	123.1	26.542	0.01
"2013-10-13	17:00:00"	14.014	64.7	61.202	90.186	158.91	26.524	0
"2013-10-13	18:00:00"	15.919	64.832	61.657	87.833	159.37	26.53	0
"2013-10-13	19:00:00"	15.103	77.441	61.353	89.095	30.398	26.53	0
"2013-10-13	20:00:00"	15.92	88.545	61.401	90.554	0.70165	26.53	0
"2013-10-13	21:00:00"	16.591	94.154	61.282	89.998	0.0761	26.539	0
"2013-10-13	22:00:00"	16.218	99.588	61.595	91.082	0.06232	26.553	0
"2013-10-13	23:00:00"	15.207	110.77	62.434	90.382	0.05766	26.556	0
"2013-10-14	00:00:00"	13.043	116.49	63.086	88.777	0.0761	26.55	0
"2013-10-14	01:00:00"	13.241	134.34	63.039	89.313	0.06338	26.55	0
"2013-10-14	02:00:00"	10.906	149.1	63.343	89.327	0.06571	26.536	0
"2013-10-14	03:00:00"	9.1708	157.82	63.382	89.321	0.06232	26.536	0
"2013-10-14	04:00:00"	8.1151	158.36	63.098	89.903	0.08267	26.509	0
"2013-10-14	05:00:00"	11.029	179.27	63.14	90.338	0.07334	26.491	0
"2013-10-14	06:00:00"	11.336	180.92	63.458	90.868	0.06465	26.485	0
"2013-10-14	07:00:00"	12.744	181.47	63.948	90.175	0.07377	26.485	0
"2013-10-14	08:00:00"	10.192	179.92	64.04	90.353	0.17743	26.494	0
"2013-10-14	09:00:00"	10.894	186.78	64.283	90.331	16.592	26.491	0
"2013-10-14	10:00:00"	10.648	193.58	65.116	88.61	90.178	26.5	0
"2013-10-14	11:00:00"	10.369	201.01	66.275	85.786	191.84	26.485	0
"2013-10-14	12:00:00"	10.066	201.57	68.883	80.244	531.98	26.477	0
"2013-10-14	13:00:00"	11.978	218.39	72.988	68.382	791.94	26.453	0
"2013-10-14	14:00:00"	12.435	235.14	76.791	53.398	744.89	26.426	0
"2013-10-14	15:00:00"	13.48	255.67	78.393	40.662	614.89	26.4	0
"2013-10-14	16:00:00"	13.371	256.79	78.049	37.416	433.97	26.394	0
"2013-10-14	17:00:00"	11.896	262.07	77.845	36.379	309.33	26.391	0
"2013-10-14	18:00:00"	8.931	260.81	77.649	36.849	238.41	26.388	0
"2013-10-14	19:00:00"	3.6555	264.09	75.472	43.037	74.322	26.391	0
"2013-10-14	20:00:00"	1.8803	110.55	72.036	51.662	3.3347	26.4	0
"2013-10-14	21:00:00"	1.8983	239.91	70.879	53.228	0.07271	26.415	0
"2013-10-14	22:00:00"	2.7552	40.05	68.265	61.273	0.05554	26.429	0
"2013-10-14	23:00:00"	2.3407	272.99	68.578	57.15	0.05575	26.438	0
"2013-10-15	00:00:00"	2.2972	129.27	66.212	65.9	0.05193	26.441	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-15	01:00:00"	3.8966	150.49	66.587	64.936	0.05893	26.432	0
"2013-10-15	02:00:00"	4.2328	155.91	66.469	72.268	0.05427	26.423	0
"2013-10-15	03:00:00"	4.7392	160.16	65.524	86.059	0.07716	26.432	0
"2013-10-15	04:00:00"	4.1526	190.13	65.581	91.289	0.06868	26.435	0
"2013-10-15	05:00:00"	2.6769	208.29	65.21	92.486	0.07589	26.423	0
"2013-10-15	06:00:00"	4.9008	188.62	64.512	88.801	0.05999	26.426	0
"2013-10-15	07:00:00"	8.5352	206.98	62.821	83.62	0.07229	26.465	0
"2013-10-15	08:00:00"	15.495	31.252	55.014	68.582	0.22385	26.477	0
"2013-10-15	09:00:00"	16.664	35.627	52.579	65.256	26.73	26.488	0
"2013-10-15	10:00:00"	19.559	38.328	51.522	61.154	128.44	26.524	0
"2013-10-15	11:00:00"	18.969	39.766	51.006	59.516	130.57	26.545	0
"2013-10-15	12:00:00"	16.742	43.45	51.35	59.061	178.41	26.545	0
"2013-10-15	13:00:00"	15.88	44.906	51.547	60.947	229.48	26.539	0
"2013-10-15	14:00:00"	14.024	42.718	51.466	64.889	236.81	26.518	0.01
"2013-10-15	15:00:00"	13.049	49.98	52.125	63.844	231.65	26.494	0
"2013-10-15	16:00:00"	12.816	44.506	52.587	61.492	157.65	26.509	0
"2013-10-15	17:00:00"	11.997	54.201	52.983	60.352	160.64	26.503	0
"2013-10-15	18:00:00"	11.968	61.123	52.684	61.639	135.45	26.491	0
"2013-10-15	19:00:00"	11.161	59.133	51.577	64.755	55.714	26.503	0
"2013-10-15	20:00:00"	9.356	70.669	50.507	68.256	10.546	26.527	0
"2013-10-15	21:00:00"	9.0838	76.515	49.742	70.246	0.08331	26.539	0
"2013-10-15	22:00:00"	8.7452	77.194	49.449	70.72	0.1062	26.559	0
"2013-10-15	23:00:00"	7.5795	74.912	49.325	70.112	0.07419	26.565	0
"2013-10-16	00:00:00"	6.5536	72.969	49.28	70.503	0.06296	26.562	0
"2013-10-16	01:00:00"	6.7071	80.699	49.278	67.239	0.05511	26.556	0
"2013-10-16	02:00:00"	4.8423	69.501	49.263	68.383	0.07716	26.556	0
"2013-10-16	03:00:00"	4.7634	72.863	49.442	67.058	0.05893	26.556	0
"2013-10-16	04:00:00"	5.4345	83.848	49.46	65.686	0.08182	26.547	0
"2013-10-16	05:00:00"	4.9014	85.388	49.326	64.645	0.07123	26.55	0
"2013-10-16	06:00:00"	5.0772	75.547	49.459	63.866	0.07398	26.565	0
"2013-10-16	07:00:00"	7.833	83.967	49.146	62.945	0.05681	26.562	0
"2013-10-16	08:00:00"	9.131	73.743	48.922	62.556	0.1999	26.574	0
"2013-10-16	09:00:00"	8.9881	85.859	48.518	65.025	18.579	26.58	0
"2013-10-16	10:00:00"	9.1273	88.955	48.793	65.421	71.967	26.601	0
"2013-10-16	11:00:00"	9.3976	109.95	49.185	64.532	123.03	26.604	0
"2013-10-16	12:00:00"	8.2145	111.55	49.94	64.436	251.81	26.601	0
"2013-10-16	13:00:00"	5.3829	117.98	50.807	63.818	288.14	26.595	0
"2013-10-16	14:00:00"	4.4596	122.52	51.787	63.933	332.83	26.568	0
"2013-10-16	15:00:00"	3.75	93.54	52.776	63.625	311.68	26.553	0
"2013-10-16	16:00:00"	3.1883	67.018	53.032	63.911	206.38	26.53	0
"2013-10-16	17:00:00"	3.4648	129.86	54.246	61.718	316.67	26.521	0
"2013-10-16	18:00:00"	2.6464	134.06	55.244	60.877	219.71	26.521	0
"2013-10-16	19:00:00"	1.9492	65.014	55.143	62.19	105.45	26.524	0
"2013-10-16	20:00:00"	1.7616	106.49	53.749	66.06	6.7725	26.533	0
"2013-10-16	21:00:00"	3.2026	65.364	51.416	72.081	0.06699	26.545	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-16	22:00:00"	3.7947	91.619	49.718	76.29	0.0797	26.556	0
"2013-10-16	23:00:00"	3.7668	121.18	48.146	80.274	0.06805	26.565	0
"2013-10-17	00:00:00"	3.5679	159.51	46.317	84.8	0.0744	26.55	0
"2013-10-17	01:00:00"	3.6419	159.81	45.239	88.013	0.07631	26.542	0
"2013-10-17	02:00:00"	3.7674	148.76	45.098	88.521	0.07101	26.533	0
"2013-10-17	03:00:00"	1.9468	200.19	44.025	89.281	0.07864	26.536	0
"2013-10-17	04:00:00"	1.6069	196.46	43.545	90.631	0.08055	26.53	0
"2013-10-17	05:00:00"	1.6982	244.61	43.149	91.256	0.08076	26.512	0
"2013-10-17	06:00:00"	1.7709	0.01775	43.025	91.562	0.07504	26.512	0
"2013-10-17	07:00:00"	1.1377	117.81	43.309	92.086	0.07377	26.518	0
"2013-10-17	08:00:00"	1.2502	339.09	43.979	92.424	0.32518	26.527	0
"2013-10-17	09:00:00"	1.1185	282.14	46.434	92.029	20.127	26.536	0
"2013-10-17	10:00:00"	3.3287	234.51	48.909	90.79	75.555	26.55	0
"2013-10-17	11:00:00"	4.3788	240.69	50.863	91.426	162.7	26.547	0
"2013-10-17	12:00:00"	6.1671	223.71	52.562	90.391	203.22	26.542	0
"2013-10-17	13:00:00"	5.634	224.07	53.834	86.444	236.24	26.521	0
"2013-10-17	14:00:00"	4.1228	204.33	56.687	78.566	475.8	26.494	0
"2013-10-17	15:00:00"	4.2266	195.3	61.4	67.671	812.41	26.459	0
"2013-10-17	16:00:00"	4.4981	171.65	65.428	60.402	680.26	26.432	0
"2013-10-17	17:00:00"	4.4285	200.77	68.848	53.624	527.24	26.412	0
"2013-10-17	18:00:00"	4.1023	186.3	70.816	45.961	331.94	26.397	0
"2013-10-17	19:00:00"	2.6259	174.34	70.859	43.529	129.53	26.385	0
"2013-10-17	20:00:00"	3.0832	133.89	65.849	54.29	6.5425	26.388	0
"2013-10-17	21:00:00"	5.4618	157.84	61.01	67.561	0.09158	26.4	0
"2013-10-17	22:00:00"	5.5004	153.38	58.766	77.878	0.07822	26.4	0
"2013-10-17	23:00:00"	4.6441	134.84	57.756	84.567	0.08267	26.4	0
"2013-10-18	00:00:00"	4.7529	148.41	56.598	88.452	0.07271	26.391	0
"2013-10-18	01:00:00"	3.6574	182.4	55.055	90.811	0.07334	26.385	0
"2013-10-18	02:00:00"	8.7228	188.88	55.334	92.668	0.07758	26.382	0
"2013-10-18	03:00:00"	8.4165	184.92	55.909	93.189	0.06296	26.385	0
"2013-10-18	04:00:00"	6.1615	206.57	56.41	93.238	0.05405	26.376	0
"2013-10-18	05:00:00"	5.7402	197.28	56.709	92.483	0.07356	26.364	0
"2013-10-18	06:00:00"	6.5704	204.12	56.901	90.07	0.06783	26.373	0
"2013-10-18	07:00:00"	5.808	219.64	57.072	87.895	0.05978	26.376	0
"2013-10-18	08:00:00"	4.3943	214.75	55.804	87.203	0.43604	26.379	0
"2013-10-18	09:00:00"	5.3879	211.14	54.925	88.452	33.93	26.388	0
"2013-10-18	10:00:00"	6.1062	224.73	55.097	86.604	132.48	26.412	0
"2013-10-18	11:00:00"	5.9428	290.45	56.724	79.764	362.27	26.426	0
"2013-10-18	12:00:00"	5.7713	307.3	59.406	70.188	656.72	26.42	0
"2013-10-18	13:00:00"	6.1199	293	63.309	56.27	765.11	26.409	0
"2013-10-18	14:00:00"	7.5273	309.15	66.902	43.779	802.03	26.394	0
"2013-10-18	15:00:00"	9.305	342.35	71.618	28.06	771.67	26.379	0
"2013-10-18	16:00:00"	12.491	1.9854	73.118	23.237	679	26.388	0
"2013-10-18	17:00:00"	17.571	27.018	70.703	27.149	520.94	26.418	0
"2013-10-18	18:00:00"	23.699	34.876	62.626	40.461	311.85	26.45	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-18	19:00:00"	23.462	35.079	53.152	53.315	114.65	26.483	0
"2013-10-18	20:00:00"	21.724	33.159	48.069	61.628	4.2688	26.518	0
"2013-10-18	21:00:00"	23.042	28.883	45.107	62.483	0.07038	26.562	0
"2013-10-18	22:00:00"	19.53	35.489	42.845	66.191	0.07101	26.586	0
"2013-10-18	23:00:00"	17.625	36.309	42.089	67.627	0.10048	26.609	0
"2013-10-19	00:00:00"	13.007	32.03	40.868	70.556	0.08564	26.627	0
"2013-10-19	01:00:00"	8.6451	33.672	39.366	74.327	0.08522	26.657	0
"2013-10-19	02:00:00"	3.3573	347.88	37.671	79.406	0.06614	26.666	0
"2013-10-19	03:00:00"	5.0468	328.98	37.177	80.552	0.09179	26.663	0
"2013-10-19	04:00:00"	5.1916	343.51	36.186	82.554	0.07652	26.648	0
"2013-10-19	05:00:00"	5.2922	341.98	35.458	84.03	0.08649	26.648	0
"2013-10-19	06:00:00"	5.7632	343.22	35.143	83.895	0.08076	26.648	0
"2013-10-19	07:00:00"	5.4196	347.59	34.703	83.748	0.08649	26.657	0
"2013-10-19	08:00:00"	4.3881	332.22	34.118	84.156	0.87314	26.657	0
"2013-10-19	09:00:00"	3.0087	310.67	35.426	82.376	88.569	26.666	0
"2013-10-19	10:00:00"	3.9488	300.98	41.076	67.365	290.01	26.674	0
"2013-10-19	11:00:00"	3.6574	280.47	45.705	50.678	497.84	26.666	0
"2013-10-19	12:00:00"	4.6926	219.51	50.06	43.698	666.47	26.648	0
"2013-10-19	13:00:00"	6.9774	210.95	53.909	37.535	775.46	26.618	0
"2013-10-19	14:00:00"	9.456	205.92	57.304	30.842	817.2	26.589	0
"2013-10-19	15:00:00"	9.868	203.21	59.597	28.601	787.94	26.556	0
"2013-10-19	16:00:00"	10.762	198.53	61.702	26.588	690.65	26.53	0
"2013-10-19	17:00:00"	11.155	197.37	63.338	26.936	534.99	26.512	0
"2013-10-19	18:00:00"	10.325	193.71	63.603	29.146	334.88	26.494	0
"2013-10-19	19:00:00"	9.2572	188.4	62.143	33.194	128.24	26.48	0
"2013-10-19	20:00:00"	5.7495	171.41	56.548	42.374	5.419	26.48	0
"2013-10-19	21:00:00"	5.7384	171.78	52.344	49.337	0.0672	26.48	0
"2013-10-19	22:00:00"	6.3554	178.45	51.013	53.675	0.05999	26.488	0
"2013-10-19	23:00:00"	4.1738	132.26	49.133	58.801	0.05024	26.485	0
"2013-10-20	00:00:00"	3.7382	128.51	48.466	59.746	0.06338	26.477	0
"2013-10-20	01:00:00"	3.5275	127.48	46.994	61.748	0.08924	26.459	0
"2013-10-20	02:00:00"	2.3382	213.71	45.232	65.216	0.07017	26.441	0
"2013-10-20	03:00:00"	2.6694	241.72	45.403	65.259	0.08119	26.441	0
"2013-10-20	04:00:00"	3.773	236.49	44.811	67.849	0.08098	26.423	0
"2013-10-20	05:00:00"	3.937	237	41.891	76.328	0.092	26.412	0
"2013-10-20	06:00:00"	3.5052	245.1	41.35	79.163	0.07758	26.409	0
"2013-10-20	07:00:00"	3.5946	262.98	41.069	80.615	0.07207	26.4	0
"2013-10-20	08:00:00"	3.9898	231.47	40.483	82.206	0.7396	26.397	0
"2013-10-20	09:00:00"	3.4934	255.53	41.7	82.573	86.944	26.409	0
"2013-10-20	10:00:00"	6.6891	228.29	47.296	78.185	289.65	26.418	0
"2013-10-20	11:00:00"	7.641	227.61	54.684	63.609	497.31	26.415	0
"2013-10-20	12:00:00"	7.8199	240.95	61.678	46.06	664.41	26.403	0
"2013-10-20	13:00:00"	8.9589	242.5	69.417	27.903	772.6	26.388	0
"2013-10-20	14:00:00"	9.9388	238.89	72.806	22.735	812.24	26.353	0
"2013-10-20	15:00:00"	10.788	244.95	75.157	19.484	781.46	26.32	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-20	16:00:00"	10.751	266.32	77.094	16.496	684.61	26.302	0
"2013-10-20	17:00:00"	12.823	262.86	78.24	14.17	530.14	26.291	0
"2013-10-20	18:00:00"	9.635	254.52	78.159	13.99	326.05	26.288	0
"2013-10-20	19:00:00"	4.2359	243.75	76.434	15.116	121.98	26.285	0
"2013-10-20	20:00:00"	1.5808	231.73	69.407	20.989	4.9139	26.302	0
"2013-10-20	21:00:00"	1.0986	207.73	63.838	24.249	0.05893	26.314	0
"2013-10-20	22:00:00"	2.0953	242.24	61.245	27.176	0.08988	26.32	0
"2013-10-20	23:00:00"	1.8554	214.45	59.291	28.48	0.07928	26.326	0
"2013-10-21	00:00:00"	4.3993	203.02	57.048	35.545	0.07313	26.341	0
"2013-10-21	01:00:00"	5.3245	191.14	53.853	79.711	0.07568	26.347	0
"2013-10-21	02:00:00"	3.7904	254.79	51.715	86.427	0.08522	26.364	0
"2013-10-21	03:00:00"	7.5876	330.46	51.275	71.949	0.07525	26.388	0
"2013-10-21	04:00:00"	11.964	10.21	49.065	51.825	0.07716	26.397	0
"2013-10-21	05:00:00"	15.83	16.586	49.468	55.301	0.06911	26.403	0
"2013-10-21	06:00:00"	17.896	23.739	48.569	59.915	0.06444	26.423	0
"2013-10-21	07:00:00"	16.376	22.18	47.59	63.369	0.07377	26.459	0
"2013-10-21	08:00:00"	14.802	17.663	46.715	64.701	0.62322	26.48	0
"2013-10-21	09:00:00"	16.642	21.289	47.187	62.258	77.182	26.506	0
"2013-10-21	10:00:00"	19.784	22.482	49.819	56.085	274.43	26.539	0
"2013-10-21	11:00:00"	19.63	31.382	53.304	50.032	476.34	26.562	0
"2013-10-21	12:00:00"	17.857	37.492	56.827	45.551	639.76	26.568	0
"2013-10-21	13:00:00"	16.183	37.815	59.413	42.501	746.21	26.574	0
"2013-10-21	14:00:00"	13.601	43.397	61.667	40.102	786.8	26.556	0
"2013-10-21	15:00:00"	12.4	44.53	63.051	38.605	738.42	26.539	0
"2013-10-21	16:00:00"	10.703	39.258	64.109	37.071	649.38	26.536	0
"2013-10-21	17:00:00"	10.753	43.159	64.655	36.145	499.3	26.533	0
"2013-10-21	18:00:00"	10.057	50.91	64.453	35.656	311.36	26.539	0
"2013-10-21	19:00:00"	7.7193	54.575	63.029	37.324	109.93	26.55	0
"2013-10-21	20:00:00"	4.7703	56.093	57.579	46.355	3.3762	26.568	0
"2013-10-21	21:00:00"	5.0114	56.398	53.047	54.924	0.06783	26.583	0
"2013-10-21	22:00:00"	4.8187	61.997	50.91	59.618	0.05066	26.601	0
"2013-10-21	23:00:00"	5.1102	71.43	49.357	63.252	0.06868	26.621	0
"2013-10-22	00:00:00"	5.1344	66.038	47.986	66.145	0.07631	26.627	0
"2013-10-22	01:00:00"	5.1083	64.604	46.817	67.67	0.0744	26.624	0
"2013-10-22	02:00:00"	5.3214	72.962	46.188	67.88	0.07907	26.624	0
"2013-10-22	03:00:00"	4.9244	81.519	45.471	68.658	0.08458	26.624	0
"2013-10-22	04:00:00"	4.2433	109.38	45.617	69.283	0.07398	26.621	0
"2013-10-22	05:00:00"	2.2345	14.936	45.157	70.287	0.07568	26.63	0
"2013-10-22	06:00:00"	2.145	80.844	43.999	73.139	0.06911	26.627	0
"2013-10-22	07:00:00"	1.8995	266.9	42.783	76.392	0.08437	26.633	0
"2013-10-22	08:00:00"	2.4426	334.94	41.514	78.624	0.60287	26.648	0
"2013-10-22	09:00:00"	2.3413	331.34	42.128	79.118	79.159	26.663	0
"2013-10-22	10:00:00"	4.2166	249.92	48.766	67.189	276.16	26.683	0
"2013-10-22	11:00:00"	7.9933	219.28	54.437	53.671	483.28	26.683	0
"2013-10-22	12:00:00"	7.956	234.86	58.365	48.725	649.79	26.677	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-22	13:00:00"	6.2634	242.75	62.502	42.44	756.87	26.666	0
"2013-10-22	14:00:00"	6.1329	246.16	65.448	35.863	796.97	26.636	0
"2013-10-22	15:00:00"	6.4119	240.09	67.353	31.709	767.88	26.609	0
"2013-10-22	16:00:00"	5.9328	223.88	69.01	28.641	670.91	26.601	0
"2013-10-22	17:00:00"	4.4242	215.29	70.131	25.968	514.5	26.589	0
"2013-10-22	18:00:00"	4.3881	217.05	70.597	24.903	317.59	26.574	0
"2013-10-22	19:00:00"	4.101	210.17	68.962	25.852	116.25	26.574	0
"2013-10-22	20:00:00"	3.7295	168.2	62.575	31.73	3.7202	26.586	0
"2013-10-22	21:00:00"	4.7522	170.12	59.009	35.352	0.06317	26.589	0
"2013-10-22	22:00:00"	5.4954	180.29	56.074	41.594	0.06635	26.595	0
"2013-10-22	23:00:00"	5.0493	181.97	53.89	44.715	0.06847	26.607	0
"2013-10-23	00:00:00"	1.8399	203.38	52.215	45.537	0.07864	26.609	0
"2013-10-23	01:00:00"	0.9594	182.07	50.378	47.14	0.07695	26.604	0
"2013-10-23	02:00:00"	2.3587	210.56	49.989	45.714	0.08076	26.604	0
"2013-10-23	03:00:00"	2.5166	221.4	49.569	45.724	0.07822	26.601	0
"2013-10-23	04:00:00"	2.383	226.57	48.36	49.442	0.06275	26.586	0
"2013-10-23	05:00:00"	1.7933	217.15	47.682	51.313	0.06677	26.577	0
"2013-10-23	06:00:00"	2.3904	269.12	47.56	52.308	0.06508	26.583	0
"2013-10-23	07:00:00"	1.2608	23.567	46.052	56.811	0.08818	26.586	0
"2013-10-23	08:00:00"	1.8616	281.85	45.699	57.169	0.54924	26.595	0
"2013-10-23	09:00:00"	2.2817	305.22	47.485	57.781	80.834	26.607	0
"2013-10-23	10:00:00"	2.6676	203.29	53.562	51.982	279.49	26.618	0
"2013-10-23	11:00:00"	4.1812	205.42	60.672	39.536	486.77	26.624	0
"2013-10-23	12:00:00"	5.245	195.29	65.471	29.927	654.6	26.621	0
"2013-10-23	13:00:00"	7.7336	200.85	69.542	22.175	762.64	26.604	0
"2013-10-23	14:00:00"	9.9655	206.17	72.147	19.535	802.91	26.577	0
"2013-10-23	15:00:00"	11.203	198.11	73.932	17.026	774.71	26.55	0
"2013-10-23	16:00:00"	11.162	201.39	74.934	15.184	679.27	26.542	0
"2013-10-23	17:00:00"	9.9127	195.88	75.403	14.523	521.17	26.527	0
"2013-10-23	18:00:00"	9.0894	186.74	74.743	15.191	318.93	26.524	0
"2013-10-23	19:00:00"	7.1048	176.15	72.256	18.867	115.86	26.518	0
"2013-10-23	20:00:00"	4.4509	140.69	65.16	25.601	2.9334	26.527	0
"2013-10-23	21:00:00"	5.2288	150.52	60.786	30.228	0.05829	26.545	0
"2013-10-23	22:00:00"	6.7388	143.97	58.045	33.943	0.06911	26.553	0
"2013-10-23	23:00:00"	5.2711	154.25	55.326	37.773	0.07546	26.562	0
"2013-10-24	00:00:00"	5.1978	172.51	54.186	44.523	0.10027	26.562	0
"2013-10-24	01:00:00"	4.9231	168.08	53.192	49.452	0.06847	26.559	0
"2013-10-24	02:00:00"	4.1669	170.88	52.36	52.332	0.07928	26.556	0
"2013-10-24	03:00:00"	2.5408	189.47	51.838	54.92	0.07377	26.562	0
"2013-10-24	04:00:00"	2.0487	60.274	52.019	55.107	0.05278	26.559	0
"2013-10-24	05:00:00"	4.9337	53.836	48.435	63.004	0.07186	26.553	0
"2013-10-24	06:00:00"	6.2435	29.145	44.828	69.629	0.0672	26.562	0
"2013-10-24	07:00:00"	6.0484	25.673	44.331	71.087	0.07843	26.571	0
"2013-10-24	08:00:00"	5.4227	21.719	44.525	70.959	0.46975	26.583	0
"2013-10-24	09:00:00"	6.4442	36.428	45	70.472	54.082	26.604	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-24	10:00:00"	7.0886	49.965	53.2	57.43	271.04	26.627	0
"2013-10-24	11:00:00"	5.9906	81.824	60.522	45.086	473.87	26.639	0
"2013-10-24	12:00:00"	8.6265	88.433	66.339	36.931	638.34	26.639	0
"2013-10-24	13:00:00"	9.9127	88.319	69.789	32.461	746.53	26.624	0
"2013-10-24	14:00:00"	10.437	94.457	72.823	26.595	786.93	26.601	0
"2013-10-24	15:00:00"	10.176	101.75	74.306	23.77	757.55	26.586	0
"2013-10-24	16:00:00"	10.372	101.23	74.844	23.321	658	26.58	0
"2013-10-24	17:00:00"	9.8245	107.95	74.956	22.091	502.27	26.571	0
"2013-10-24	18:00:00"	10.742	107.37	73.943	22.896	303.57	26.577	0
"2013-10-24	19:00:00"	9.8475	95.525	71.165	28.906	102.09	26.577	0
"2013-10-24	20:00:00"	6.3659	83.829	64.614	36.018	2.1213	26.595	0
"2013-10-24	21:00:00"	9.1745	90.972	60.856	41.575	0.06699	26.612	0
"2013-10-24	22:00:00"	8.652	104.3	59.477	46.136	0.07928	26.63	0
"2013-10-24	23:00:00"	9.2218	120.71	59.097	48.261	0.07589	26.645	0
"2013-10-25	00:00:00"	8.0026	123.35	56.987	52.463	0.06381	26.651	0
"2013-10-25	01:00:00"	7.0998	110.89	54.443	57.147	0.0619	26.645	0
"2013-10-25	02:00:00"	6.6306	99.577	52.904	61.321	0.07144	26.648	0
"2013-10-25	03:00:00"	7.2632	69.515	49.534	69.102	0.0903	26.654	0
"2013-10-25	04:00:00"	8.4407	69.237	48.688	75.757	0.06317	26.657	0
"2013-10-25	05:00:00"	9.0751	71.077	48.946	78.894	0.0797	26.654	0
"2013-10-25	06:00:00"	10.113	71.734	48.56	80.593	0.07483	26.663	0
"2013-10-25	07:00:00"	9.7934	67.498	47.6	82.478	0.0814	26.68	0
"2013-10-25	08:00:00"	10.126	66.895	46.686	84.142	0.61262	26.689	0
"2013-10-25	09:00:00"	12.289	75.868	46.18	84.314	25.361	26.674	0
"2013-10-25	10:00:00"	11.897	61.803	46.995	81.238	94.453	26.719	0
"2013-10-25	11:00:00"	12.345	36.286	50.476	72.98	358.5	26.766	0
"2013-10-25	12:00:00"	7.3999	16.457	52.646	69.792	161.4	26.76	0
"2013-10-25	13:00:00"	9.8537	67.442	53.015	73.056	81.464	26.648	0.02
"2013-10-25	14:00:00"	13.752	90.651	55.611	71.13	401.1	26.666	0
"2013-10-25	15:00:00"	8.6936	120.22	60.755	64.164	400.51	26.654	0
"2013-10-25	16:00:00"	9.8456	104.5	63.113	60.743	468.51	26.612	0
"2013-10-25	17:00:00"	12.602	138.27	65.764	53.819	365.45	26.609	0
"2013-10-25	18:00:00"	11.102	147.07	65.377	54.706	227.8	26.601	0
"2013-10-25	19:00:00"	7.9622	121.38	63.625	57.709	56.896	26.595	0
"2013-10-25	20:00:00"	6.5256	112.39	62.111	60.089	2.1206	26.607	0
"2013-10-25	21:00:00"	6.3989	124.03	59.62	63.853	0.04685	26.609	0
"2013-10-25	22:00:00"	6.3218	118.03	57.177	68.605	0.07801	26.621	0
"2013-10-25	23:00:00"	6.7195	138.76	55.691	72.408	0.06677	26.615	0
"2013-10-26	00:00:00"	6.0124	127.17	55.033	74.767	0.07546	26.607	0
"2013-10-26	01:00:00"	6.3237	111.16	53.528	78.449	0.05193	26.592	0
"2013-10-26	02:00:00"	5.2027	39.496	50.976	82.846	0.0619	26.595	0
"2013-10-26	03:00:00"	5.501	33.274	49.475	85.084	0.07589	26.592	0
"2013-10-26	04:00:00"	6.7928	23.929	48.401	87.661	0.0725	26.589	0
"2013-10-26	05:00:00"	7.0358	21.951	48.861	87.28	0.07652	26.574	0
"2013-10-26	06:00:00"	5.7508	35.626	47.363	89.233	0.07864	26.562	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-26	07:00:00"	5.473	48.885	46.949	89.661	0.07123	26.559	0
"2013-10-26	08:00:00"	4.9001	103.42	48.859	88.328	0.34404	26.556	0
"2013-10-26	09:00:00"	4.8498	158.87	50.203	87.691	70.173	26.586	0
"2013-10-26	10:00:00"	5.7278	266.8	53.079	83.909	248.19	26.621	0
"2013-10-26	11:00:00"	6.8587	351.2	57.345	74.182	428.52	26.63	0
"2013-10-26	12:00:00"	6.1839	340.67	60.132	68.531	601.69	26.621	0
"2013-10-26	13:00:00"	6.6077	315.61	64.472	59.661	716.23	26.615	0
"2013-10-26	14:00:00"	6.814	296.8	68.038	50.714	757.85	26.592	0
"2013-10-26	15:00:00"	7.6851	304.31	72.278	40.17	730.97	26.562	0
"2013-10-26	16:00:00"	8.2046	312.58	74.407	28.884	644.18	26.556	0
"2013-10-26	17:00:00"	9.8102	328.6	74.733	27.702	490.5	26.556	0
"2013-10-26	18:00:00"	9.9481	348.52	73.306	29.457	294.91	26.565	0
"2013-10-26	19:00:00"	11.461	7.9902	71.043	33.083	96.816	26.58	0
"2013-10-26	20:00:00"	9.904	1.8264	66.112	37.259	1.6479	26.601	0
"2013-10-26	21:00:00"	8.8023	14.483	61.865	43.301	0.07313	26.621	0
"2013-10-26	22:00:00"	9.7021	18.806	59.189	47.56	0.05533	26.639	0
"2013-10-26	23:00:00"	9.4535	27.889	56.387	50.808	0.05978	26.648	0
"2013-10-27	00:00:00"	8.8502	35.942	53.917	54.188	0.07843	26.651	0
"2013-10-27	01:00:00"	7.3893	37.161	50.517	60.676	0.06465	26.639	0
"2013-10-27	02:00:00"	9.4131	37.036	49.823	61.278	0.05236	26.627	0
"2013-10-27	03:00:00"	7.8672	31.353	47.876	64.289	0.10154	26.618	0
"2013-10-27	04:00:00"	7.2011	21.629	45.243	68.979	0.08606	26.615	0
"2013-10-27	05:00:00"	4.2377	4.9612	42.785	73.232	0.07674	26.612	0
"2013-10-27	06:00:00"	6.6313	10.453	42.216	74.236	0.09242	26.601	0
"2013-10-27	07:00:00"	6.077	16.213	41.975	73.731	0.08628	26.604	0
"2013-10-27	08:00:00"	7.3906	16.376	42.157	72.318	0.32475	26.595	0
"2013-10-27	09:00:00"	4.9045	355.26	41.942	72.128	68.788	26.612	0
"2013-10-27	10:00:00"	3.3914	287.14	47.205	61.893	258.6	26.639	0
"2013-10-27	11:00:00"	2.2326	286.94	52.625	48.824	461.67	26.633	0
"2013-10-27	12:00:00"	3.1224	333.36	57.687	40.168	623.17	26.607	0
"2013-10-27	13:00:00"	3.7624	303.99	60.828	36.743	740.86	26.586	0
"2013-10-27	14:00:00"	3.2125	266.06	63.369	32.433	787.37	26.547	0
"2013-10-27	15:00:00"	4.6392	236.83	65.872	28.125	756.56	26.506	0
"2013-10-27	16:00:00"	5.4923	216.61	68.219	27.564	661.08	26.483	0
"2013-10-27	17:00:00"	6.6437	211.7	69.548	27.588	471.82	26.465	0
"2013-10-27	18:00:00"	6.804	191.93	68.28	27.044	170.83	26.456	0
"2013-10-27	19:00:00"	5.1829	186.39	65.7	31.561	63.947	26.444	0
"2013-10-27	20:00:00"	2.9726	143.56	61.943	36.845	2.1442	26.438	0
"2013-10-27	21:00:00"	4.3689	144.36	59.495	41.524	0.06953	26.438	0
"2013-10-27	22:00:00"	6.2566	146.74	58.089	44.846	0.09009	26.441	0
"2013-10-27	23:00:00"	7.6801	148.02	57.863	50.285	0.06063	26.444	0
"2013-10-28	00:00:00"	6.7207	150.01	56.397	56.527	0.0602	26.435	0
"2013-10-28	01:00:00"	7.2408	148.05	56.828	62.133	0.06995	26.423	0
"2013-10-28	02:00:00"	7.193	150.84	56.627	68.993	0.07059	26.412	0
"2013-10-28	03:00:00"	5.9347	149.98	55.117	75.907	0.06063	26.403	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-28	04:00:00"	4.733	145.31	54.596	82.792	0.06699	26.391	0
"2013-10-28	05:00:00"	3.2995	115.65	53.429	87.407	0.07017	26.388	0
"2013-10-28	06:00:00"	3.5555	128.47	53.116	90.601	0.08691	26.388	0
"2013-10-28	07:00:00"	3.3324	124.57	54.563	92.135	0.07123	26.388	0
"2013-10-28	08:00:00"	4.3626	38.896	50.942	90.785	0.18273	26.4	0
"2013-10-28	09:00:00"	3.6537	41.282	50.665	91.857	42.193	26.418	0
"2013-10-28	10:00:00"	3.6543	88.969	56.267	90.298	211.88	26.429	0
"2013-10-28	11:00:00"	9.0291	173.9	64.259	77.671	418.74	26.438	0
"2013-10-28	12:00:00"	12.562	185.28	68.648	66.413	600.77	26.435	0
"2013-10-28	13:00:00"	13.19	196.22	72.457	54.696	685.53	26.412	0
"2013-10-28	14:00:00"	13.162	212.12	75.476	43.911	753.92	26.391	0
"2013-10-28	15:00:00"	12.188	218.35	77.201	37.315	648.58	26.364	0
"2013-10-28	16:00:00"	9.9165	213.61	78.975	31.009	632.93	26.356	0
"2013-10-28	17:00:00"	12.147	195.52	79.334	27.697	452.7	26.35	0
"2013-10-28	18:00:00"	11.038	191.26	78.302	26.41	213.7	26.356	0
"2013-10-28	19:00:00"	8.4805	170.34	75.46	33.424	54.536	26.364	0
"2013-10-28	20:00:00"	7.3688	151.59	71.341	50.346	0.38474	26.388	0
"2013-10-28	21:00:00"	10.598	153.31	70.015	61.786	0.06402	26.409	0
"2013-10-28	22:00:00"	11.632	167.61	67.643	72.049	0.08013	26.42	0
"2013-10-28	23:00:00"	11.851	173.7	65.867	81.007	0.05639	26.432	0
"2013-10-29	00:00:00"	9.5107	182.31	64.488	85.567	0.07101	26.438	0
"2013-10-29	01:00:00"	9.1944	185.58	63.849	88.489	0.08119	26.426	0
"2013-10-29	02:00:00"	10.359	183.11	63.994	89.878	0.06126	26.42	0
"2013-10-29	03:00:00"	12.274	184.3	64.386	90.126	0.05427	26.418	0
"2013-10-29	04:00:00"	13.285	186.16	64.4	90.578	0.05957	26.42	0
"2013-10-29	05:00:00"	12.273	182.72	64.347	90.85	0.05342	26.418	0
"2013-10-29	06:00:00"	11.108	183.34	63.897	91.364	0.05469	26.429	0
"2013-10-29	07:00:00"	9.5368	196.8	63.661	91.214	0.05978	26.45	0
"2013-10-29	08:00:00"	11.277	182.75	63.277	90.584	0.09878	26.441	0
"2013-10-29	09:00:00"	9.7524	176.76	63.17	90.524	21.465	26.456	0
"2013-10-29	10:00:00"	9.0453	191.1	63.788	89.236	108.48	26.485	0
"2013-10-29	11:00:00"	10.715	201.17	65.711	83.239	254.75	26.485	0
"2013-10-29	12:00:00"	10.942	197	67.601	77.024	354.94	26.477	0
"2013-10-29	13:00:00"	9.7717	190.03	70.579	64.826	425.57	26.462	0
"2013-10-29	14:00:00"	10.368	185.51	73.244	51.193	383.27	26.441	0
"2013-10-29	15:00:00"	10.462	186.29	75.282	39.73	434.84	26.42	0
"2013-10-29	16:00:00"	9.6194	187.23	77.906	25.942	471.64	26.403	0
"2013-10-29	17:00:00"	8.6607	174.67	79.612	22.928	481.59	26.4	0
"2013-10-29	18:00:00"	7.9187	174.56	79.185	25.619	284.64	26.397	0
"2013-10-29	19:00:00"	7.6329	164.67	75.975	30.428	70.476	26.4	0
"2013-10-29	20:00:00"	4.0774	129.99	69.278	46.684	0.5609	26.412	0
"2013-10-29	21:00:00"	6.2075	122.02	67.717	58.897	0.08013	26.42	0
"2013-10-29	22:00:00"	8.9751	147.68	67.636	76.174	0.04982	26.418	0
"2013-10-29	23:00:00"	8.56	152.26	66.394	80.925	0.05575	26.418	0
"2013-10-30	00:00:00"	10.387	158.67	65.68	84.105	0.06275	26.4	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-30	01:00:00"	12.532	167.26	65.715	86.502	0.05681	26.397	0
"2013-10-30	02:00:00"	12.328	177.72	65.734	87.81	0.05257	26.382	0
"2013-10-30	03:00:00"	13.747	182.64	65.861	88.099	0.04155	26.382	0
"2013-10-30	04:00:00"	12.977	191.57	65.948	87.751	0.06402	26.37	0
"2013-10-30	05:00:00"	12.161	194.49	65.545	89.032	0.08437	26.367	0
"2013-10-30	06:00:00"	10.231	202.53	65.041	90.699	0.06296	26.373	0
"2013-10-30	07:00:00"	8.3388	208.62	64.299	91.618	0.085	26.388	0
"2013-10-30	08:00:00"	4.1843	214.51	63.572	92.573	0.09158	26.388	0
"2013-10-30	09:00:00"	5.519	208.85	63.051	93.279	24.315	26.418	0
"2013-10-30	10:00:00"	5.2071	218.45	63.586	92.988	98.462	26.423	0
"2013-10-30	11:00:00"	4.3297	242.24	65.933	78.546	152.83	26.423	0
"2013-10-30	12:00:00"	5.4258	224.76	68.404	57.461	241.86	26.429	0
"2013-10-30	13:00:00"	4.9529	245.12	69.575	51.625	243.54	26.4	0
"2013-10-30	14:00:00"	6.5188	203.95	71.147	43.968	317.78	26.367	0
"2013-10-30	15:00:00"	10.399	216.34	74.663	34.507	404.64	26.332	0
"2013-10-30	16:00:00"	11.932	200.93	75.331	32.667	407.55	26.311	0
"2013-10-30	17:00:00"	12.568	199	74.484	32.962	216.83	26.302	0
"2013-10-30	18:00:00"	9.7953	193.93	73.09	38.244	101.45	26.285	0
"2013-10-30	19:00:00"	10.911	260.84	67.217	54.156	7.093	26.308	0.04
"2013-10-30	20:00:00"	6.1137	313.22	60.424	77.876	0.09984	26.335	0.02
"2013-10-30	21:00:00"	6.3877	274.76	60.24	78.837	0.05617	26.329	0.07
"2013-10-30	22:00:00"	6.4579	221.86	59.065	84.026	0.05829	26.305	0.01
"2013-10-30	23:00:00"	7.3067	223.1	59.647	81.997	0.07928	26.311	0.01
"2013-10-31	00:00:00"	9.0788	238.57	60.586	74.871	0.05999	26.32	0
"2013-10-31	01:00:00"	7.746	233.67	59.864	75.539	0.0725	26.317	0
"2013-10-31	02:00:00"	7.0693	227.18	58.488	79.748	0.07123	26.332	0
"2013-10-31	03:00:00"	9.2156	314.67	57.076	70.978	0.06041	26.358	0
"2013-10-31	04:00:00"	8.2182	327.05	53.89	53.812	0.08606	26.367	0
"2013-10-31	05:00:00"	10.417	322.13	51.83	45.736	0.07334	26.373	0
"2013-10-31	06:00:00"	9.6778	304.67	49.95	45.602	0.07207	26.382	0
"2013-10-31	07:00:00"	10.087	306.75	47.207	49.751	0.06593	26.394	0
"2013-10-31	08:00:00"	10.908	306.68	46.265	49.938	0.13673	26.409	0
"2013-10-31	09:00:00"	9.9196	304	45.34	52.264	66.506	26.432	0
"2013-10-31	10:00:00"	12.826	317.3	49.681	45.143	256.09	26.465	0
"2013-10-31	11:00:00"	17.659	318.16	55.949	34.953	460.47	26.465	0
"2013-10-31	12:00:00"	20.856	315.62	58.558	29.627	627.54	26.459	0
"2013-10-31	13:00:00"	19.233	318.02	60.974	25.792	734.03	26.444	0
"2013-10-31	14:00:00"	16.29	314.62	62.978	23.174	772.37	26.418	0
"2013-10-31	15:00:00"	14.467	301.56	64.892	21.393	740.17	26.391	0
"2013-10-31	16:00:00"	12.827	289	66.209	19.194	644.07	26.373	0
"2013-10-31	17:00:00"	9.74	275.78	67.242	18.139	484.45	26.361	0
"2013-10-31	18:00:00"	8.6718	262.63	67.522	18.048	286.03	26.353	0
"2013-10-31	19:00:00"	7.5062	228.89	65.559	21.427	91.841	26.344	0
"2013-10-31	20:00:00"	4.1023	191.67	58.17	32.061	0.96112	26.344	0
"2013-10-31	21:00:00"	3.0031	222.8	55.768	34.281	0.06571	26.35	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-10-31	22:00:00"	3.2318	249.61	52.52	42.532	0.06911	26.347	0
"2013-10-31	23:00:00"	3.5648	264.19	49.672	50.364	0.06317	26.353	0
"2013-11-01	00:00:00"	4.1607	262.46	49.481	48.019	0.07059	26.367	0
"2013-11-01	01:00:00"	4.1147	267.7	48.719	44.796	0.08373	26.37	0
"2013-11-01	02:00:00"	3.284	254.94	46.74	48.09	0.07864	26.367	0
"2013-11-01	03:00:00"	3.8544	262.94	45.371	51.983	0.06444	26.358	0
"2013-11-01	04:00:00"	5.0486	286.57	47.16	45.092	0.06338	26.373	0
"2013-11-01	05:00:00"	9.602	320.38	48.995	37.021	0.06995	26.376	0
"2013-11-01	06:00:00"	11.835	317.59	50.195	37.655	0.06508	26.385	0
"2013-11-01	07:00:00"	14.947	317.54	53.074	36.348	0.07165	26.397	0
"2013-11-01	08:00:00"	17.7	314.09	52.829	36.594	0.16026	26.409	0
"2013-11-01	09:00:00"	16.099	314.9	52.164	37.74	62.068	26.435	0
"2013-11-01	10:00:00"	14.666	311.9	53.413	36.986	250.74	26.471	0
"2013-11-01	11:00:00"	15.46	314.89	56.857	32.659	453.61	26.485	0
"2013-11-01	12:00:00"	13.633	320.87	61.053	27.143	616.7	26.494	0
"2013-11-01	13:00:00"	16.32	341.22	64.146	22.619	724.59	26.497	0
"2013-11-01	14:00:00"	16.543	357.65	65.945	20.888	763.47	26.488	0
"2013-11-01	15:00:00"	13.944	9.6084	67.008	19.759	730.69	26.483	0
"2013-11-01	16:00:00"	12.488	11.847	67.579	18.799	631.06	26.488	0
"2013-11-01	17:00:00"	10.435	17.014	67.861	18.509	473.68	26.5	0
"2013-11-01	18:00:00"	7.5764	6.9881	67.712	18.194	277.02	26.512	0
"2013-11-01	19:00:00"	5.6271	30.122	65.417	21.206	86.999	26.533	0
"2013-11-01	20:00:00"	5.3699	44.934	57.424	31.267	0.85407	26.547	0
"2013-11-01	21:00:00"	6.3038	47.583	54.246	36.015	0.07652	26.58	0
"2013-11-01	22:00:00"	6.0242	60.335	52.227	39.745	0.07801	26.601	0
"2013-11-01	23:00:00"	5.327	63.18	48.642	47.211	0.05003	26.621	0
"2013-11-02	00:00:00"	5.5277	61.44	46.699	51.781	0.0744	26.639	0
"2013-11-02	01:00:00"	5.4389	66.039	46.091	52.686	0.08818	26.648	0
"2013-11-02	02:00:00"	6.2771	57.493	44.964	54.59	0.08182	26.666	0
"2013-11-02	03:00:00"	6.2529	56.065	43.783	56.734	0.06677	26.677	0
"2013-11-02	04:00:00"	7.3483	43.847	42.435	59.301	0.06296	26.68	0
"2013-11-02	05:00:00"	7.9498	45.53	41.91	60.879	0.11193	26.686	0
"2013-11-02	06:00:00"	6.3989	37.054	40.094	65.86	0.0761	26.695	0
"2013-11-02	07:00:00"	6.3398	33.089	38.285	70.423	0.0744	26.707	0
"2013-11-02	08:00:00"	5.9422	28.929	36.893	73.233	0.16471	26.722	0
"2013-11-02	09:00:00"	5.5296	28.159	37.977	71.086	57.055	26.742	0
"2013-11-02	10:00:00"	5.0319	72.884	47.343	52.388	242	26.772	0
"2013-11-02	11:00:00"	9.2957	131.9	54.191	37.35	444.12	26.772	0
"2013-11-02	12:00:00"	10.981	152.85	57.831	30.371	609.13	26.76	0
"2013-11-02	13:00:00"	11.16	171.03	60.33	27.533	716.41	26.734	0
"2013-11-02	14:00:00"	10.986	177.97	62.556	26.576	757.01	26.695	0
"2013-11-02	15:00:00"	11.251	182.07	64.372	24.87	728.41	26.657	0
"2013-11-02	16:00:00"	9.9649	197.11	65.429	23.839	631.76	26.636	0
"2013-11-02	17:00:00"	9.5977	187.8	65.997	22.631	475.75	26.621	0
"2013-11-02	18:00:00"	8.8999	181.41	65.792	22.165	278.43	26.609	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-02	19:00:00"	6.6654	179.5	63.432	24.675	86.756	26.598	0
"2013-11-02	20:00:00"	4.9424	138.17	56.453	32.375	0.73154	26.589	0
"2013-11-02	21:00:00"	6.3181	131.02	54.224	34.405	0.06253	26.598	0
"2013-11-02	22:00:00"	6.2044	146.82	52.067	36.816	0.09624	26.595	0
"2013-11-02	23:00:00"	7.6012	151.39	51.351	38.468	0.0867	26.583	0
"2013-11-03	00:00:00"	5.9826	153.76	49.55	41.126	0.05363	26.571	0
"2013-11-03	01:00:00"	4.9778	156.29	46.557	45.231	0.06783	26.553	0
"2013-11-03	02:00:00"	5.1922	166.29	45.437	47.241	0.06571	26.53	0
"2013-11-03	03:00:00"	5.8378	170.27	45.528	48.473	0.06317	26.512	0
"2013-11-03	04:00:00"	4.7889	173.38	43.968	51.575	0.07123	26.491	0
"2013-11-03	05:00:00"	7.0358	172.28	45.239	53.043	0.07843	26.465	0
"2013-11-03	06:00:00"	6.6785	151.74	44.997	53.907	0.0797	26.441	0
"2013-11-03	07:00:00"	3.924	106.54	42.954	58.11	0.07038	26.444	0
"2013-11-03	08:00:00"	6.0422	166.83	45.339	53.94	0.07843	26.426	0
"2013-11-03	09:00:00"	10.008	174.76	49.737	45.007	15.938	26.438	0
"2013-11-03	10:00:00"	10.649	179.72	51.644	42.289	81.884	26.447	0
"2013-11-03	11:00:00"	13.909	184.7	53.934	40.214	263.51	26.438	0
"2013-11-03	12:00:00"	15.186	184.4	57.552	36.158	404.46	26.418	0
"2013-11-03	13:00:00"	14.31	190.67	59.109	34.994	277.82	26.412	0
"2013-11-03	14:00:00"	15.857	188.52	59.968	36.918	382.94	26.364	0
"2013-11-03	15:00:00"	13.514	184.03	62.005	38.624	358.43	26.338	0
"2013-11-03	16:00:00"	12.661	186.13	60.907	43.647	239.33	26.32	0
"2013-11-03	17:00:00"	12.951	169.31	60.337	45.849	274.16	26.314	0
"2013-11-03	18:00:00"	14.362	170.02	58.765	49.581	228.33	26.302	0
"2013-11-03	19:00:00"	12.589	176.47	55.563	56.547	40.287	26.305	0
"2013-11-03	20:00:00"	10.727	173.68	52.426	64.179	0.77669	26.317	0
"2013-11-03	21:00:00"	8.9974	172.9	50.393	70.956	0.06444	26.323	0
"2013-11-03	22:00:00"	8.5793	173.3	49.183	75.621	0.08352	26.326	0
"2013-11-03	23:00:00"	9.4734	181.07	49.168	78.621	0.05914	26.335	0
"2013-11-04	00:00:00"	10.177	187.41	49.243	78.057	0.08288	26.332	0
"2013-11-04	01:00:00"	7.2595	187.47	48.32	78.533	0.08161	26.326	0
"2013-11-04	01:00:00"	4.2974	202	46.181	82.541	0.08522	26.32	0
"2013-11-04	02:00:00"	5.5687	192.31	45.559	84.352	0.07695	26.329	0
"2013-11-04	03:00:00"	3.4722	237.83	44.485	85.697	0.05469	26.314	0
"2013-11-04	04:00:00"	3.3598	241.82	43.66	86.322	0.07059	26.32	0
"2013-11-04	05:00:00"	3.9351	268.8	44.381	85.905	0.07907	26.326	0
"2013-11-04	06:00:00"	2.6545	239.45	43.365	86.969	0.06084	26.323	0
"2013-11-04	07:00:00"	3.0882	222.85	42.916	88.504	0.0814	26.338	0
"2013-11-04	08:00:00"	3.5045	230.12	43.689	88.36	44.777	26.361	0
"2013-11-04	09:00:00"	4.9498	220.23	49.611	83.027	251.94	26.382	0
"2013-11-04	10:00:00"	6.6238	211.41	57.081	69.961	419.35	26.406	0
"2013-11-04	11:00:00"	6.9326	219.27	61.716	61.983	576.58	26.409	0
"2013-11-04	12:00:00"	6.694	217.65	64.49	56.406	588.86	26.394	0
"2013-11-04	13:00:00"	5.4817	192.74	68.398	48.626	729.45	26.364	0
"2013-11-04	14:00:00"	4.8075	165.85	71.431	41.365	689.86	26.338	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-04	15:00:00"	6.763	149.6	72.381	39.551	596.78	26.323	0
"2013-11-04	16:00:00"	6.5592	158.51	72.7	38.586	367.23	26.314	0
"2013-11-04	17:00:00"	9.9512	151.68	72.205	40.375	274.68	26.317	0
"2013-11-04	18:00:00"	8.2058	132.61	69.166	44.864	49.714	26.323	0
"2013-11-04	19:00:00"	10.291	129.09	65.243	57.439	0.41209	26.332	0
"2013-11-04	20:00:00"	11.574	137.29	62.741	65.209	0.07123	26.347	0
"2013-11-04	21:00:00"	13.091	141.04	60.887	69.284	0.07589	26.358	0
"2013-11-04	22:00:00"	12.363	147.58	58.613	69.316	0.06741	26.364	0
"2013-11-04	23:00:00"	11.328	155.07	56.878	73.733	0.09539	26.361	0
"2013-11-05	00:00:00"	12.067	160.63	56.539	79.133	0.05109	26.35	0
"2013-11-05	01:00:00"	12.588	169.93	56.024	80.572	0.06805	26.341	0
"2013-11-05	02:00:00"	10.979	167.2	54.737	83.312	0.05596	26.341	0
"2013-11-05	03:00:00"	10.396	173.84	53.702	86.152	0.06402	26.332	0
"2013-11-05	04:00:00"	9.2851	173.63	53.576	88.794	0.08013	26.335	0
"2013-11-05	05:00:00"	11.996	179.7	54.528	89.086	0.06762	26.338	0
"2013-11-05	06:00:00"	10.011	175.36	54.526	89.258	0.07758	26.338	0
"2013-11-05	07:00:00"	7.1364	183.52	53.834	90.076	0.0708	26.35	0
"2013-11-05	08:00:00"	6.6344	189.43	53.767	90.292	18.805	26.361	0
"2013-11-05	09:00:00"	8.3307	191.97	54.896	87.825	124.68	26.394	0
"2013-11-05	10:00:00"	10.239	195.67	59.129	76.786	400.32	26.406	0
"2013-11-05	11:00:00"	9.7555	207.33	62.551	67.916	459.5	26.403	0
"2013-11-05	12:00:00"	9.3479	229.54	67.073	55.898	686.46	26.394	0
"2013-11-05	13:00:00"	14.907	256.91	70.942	36.236	581.34	26.37	0
"2013-11-05	14:00:00"	13.341	259.8	72.138	31.165	532.81	26.353	0
"2013-11-05	15:00:00"	11.687	252.69	72.578	30.947	499.6	26.35	0
"2013-11-05	16:00:00"	11.343	246.72	72.915	29.661	377.48	26.353	0
"2013-11-05	17:00:00"	11.361	260.94	72.336	27.939	218.59	26.37	0
"2013-11-05	18:00:00"	9.3684	268.27	69.948	25.529	56.233	26.388	0
"2013-11-05	19:00:00"	5.0853	285.81	65.68	29.291	0.38813	26.412	0
"2013-11-05	20:00:00"	4.6131	302.94	62.101	34.234	0.06762	26.426	0
"2013-11-05	21:00:00"	6.9065	302.78	62.235	34.747	0.05766	26.453	0
"2013-11-05	22:00:00"	10.128	338.62	61.821	36.608	0.0477	26.483	0
"2013-11-05	23:00:00"	10.392	359.52	60.492	38.816	0.07674	26.494	0
"2013-11-06	00:00:00"	16.338	4.5108	59.108	35.887	0.07886	26.518	0
"2013-11-06	01:00:00"	15.44	21.029	53.392	50.133	0.07652	26.55	0
"2013-11-06	02:00:00"	14.314	30.614	48.14	64.984	0.08246	26.601	0
"2013-11-06	03:00:00"	10.775	46.214	46.133	70.854	0.07398	26.604	0
"2013-11-06	04:00:00"	10.506	33.48	44.867	64.084	0.05957	26.612	0
"2013-11-06	05:00:00"	11.731	11.651	44.052	60.094	0.06741	26.627	0
"2013-11-06	06:00:00"	10.531	8.1019	41.113	61.735	0.07207	26.654	0
"2013-11-06	07:00:00"	11.013	15.773	39.337	61.642	0.07886	26.672	0
"2013-11-06	08:00:00"	10.821	8.1641	38.285	63.366	45.065	26.704	0
"2013-11-06	09:00:00"	13.664	11.523	40.215	54.33	230.12	26.736	0
"2013-11-06	10:00:00"	12.865	14.884	44.666	37.387	434.36	26.754	0
"2013-11-06	11:00:00"	9.438	20.392	49.036	28.861	601.08	26.757	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-06	12:00:00"	8.2791	26.856	52.584	24.134	710.38	26.748	0
"2013-11-06	13:00:00"	8.1611	21.351	55.242	22.119	752.36	26.734	0
"2013-11-06	14:00:00"	6.9594	7.8375	57.211	20.744	724.04	26.716	0
"2013-11-06	15:00:00"	6.0068	354.29	58.72	19.648	627.21	26.701	0
"2013-11-06	16:00:00"	3.2224	309.16	60.236	18.191	469.44	26.704	0
"2013-11-06	17:00:00"	3.2684	304.43	60.784	17.494	270.95	26.71	0
"2013-11-06	18:00:00"	1.4024	253.64	60.196	18.198	80.397	26.71	0
"2013-11-06	19:00:00"	2.9944	112.62	54.503	22.848	0.50472	26.722	0
"2013-11-06	20:00:00"	5.3612	96.244	51.659	25.201	0.08543	26.728	0
"2013-11-06	21:00:00"	4.9728	101.16	48.367	28.826	0.07907	26.739	0
"2013-11-06	22:00:00"	5.2431	117.73	46.26	30.502	0.06953	26.748	0
"2013-11-06	23:00:00"	2.7744	122.82	44.069	33.078	0.07949	26.757	0
"2013-11-07	00:00:00"	1.505	320.21	42.878	34.695	0.08246	26.763	0
"2013-11-07	01:00:00"	0.87489	311.3	42.033	36.473	0.08204	26.769	0
"2013-11-07	02:00:00"	1.3751	104.51	42.407	34.952	0.09624	26.775	0
"2013-11-07	03:00:00"	1.7529	131.31	41.284	36.597	0.06783	26.784	0
"2013-11-07	04:00:00"	1.0744	157.14	40.974	36.611	0.08225	26.796	0
"2013-11-07	05:00:00"	1.0507	261.26	40.181	37.594	0.08437	26.796	0
"2013-11-07	06:00:00"	1.4708	293.77	40.693	38.376	0.06317	26.816	0
"2013-11-07	07:00:00"	0.7326	279.42	39.747	40.327	0.12274	26.828	0
"2013-11-07	08:00:00"	1.3596	96.168	38.546	43.933	21.516	26.843	0
"2013-11-07	09:00:00"	2.6029	146.76	41.738	44.538	137.92	26.866	0
"2013-11-07	10:00:00"	5.834	179.34	47.658	38.323	323.15	26.878	0
"2013-11-07	11:00:00"	8.5905	188.94	50.53	36.332	408.75	26.881	0
"2013-11-07	12:00:00"	7.874	192.22	53.386	31.369	495.42	26.866	0
"2013-11-07	13:00:00"	7.577	172.22	57.033	24.747	604.4	26.837	0
"2013-11-07	14:00:00"	8.4917	160.14	58.671	22.892	548.86	26.81	0
"2013-11-07	15:00:00"	9.8848	159.07	60.55	21.001	454.81	26.79	0
"2013-11-07	16:00:00"	9.9904	153.65	60.014	19.946	278.88	26.772	0
"2013-11-07	17:00:00"	9.3522	147.47	58.556	20.922	152.15	26.775	0
"2013-11-07	18:00:00"	6.7512	144.82	55.418	24.267	33.435	26.772	0
"2013-11-07	19:00:00"	5.2997	133.15	50.708	29.165	0.67219	26.769	0
"2013-11-07	20:00:00"	6.0205	138.84	49.373	30.814	0.04558	26.769	0
"2013-11-07	21:00:00"	6.2603	140.14	48.016	30.734	0.05681	26.763	0
"2013-11-07	22:00:00"	6.2355	139.99	46.785	33.173	0.06381	26.76	0
"2013-11-07	23:00:00"	7.0047	149.38	45.894	34.847	0.09115	26.751	0
"2013-11-08	00:00:00"	4.175	133.81	43.992	38.077	0.08903	26.736	0
"2013-11-08	01:00:00"	2.9695	117.07	42.597	41.344	0.092	26.716	0
"2013-11-08	02:00:00"	4.5981	130.53	41.9	43.159	0.08924	26.707	0
"2013-11-08	03:00:00"	5.2879	121.39	42.17	43.632	0.07716	26.689	0
"2013-11-08	04:00:00"	5.6265	136.55	42.76	43.588	0.08055	26.68	0
"2013-11-08	05:00:00"	5.4761	135.38	43.113	43.368	0.06423	26.663	0
"2013-11-08	06:00:00"	5.5072	158.63	42.835	42.496	0.08225	26.66	0
"2013-11-08	07:00:00"	4.6155	174.28	43.885	40.212	0.0566	26.654	0
"2013-11-08	08:00:00"	2.5868	222.09	43.057	42.02	17.21	26.66	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-08	09:00:00"	4.8709	192.35	45.645	39.364	81.061	26.663	0
"2013-11-08	10:00:00"	11.58	188.29	50.576	32.406	279.39	26.669	0
"2013-11-08	11:00:00"	12.414	183.66	52.75	30.15	270.3	26.636	0
"2013-11-08	12:00:00"	13.067	185.9	54.516	30.673	357.19	26.612	0
"2013-11-08	13:00:00"	14.459	191.16	56.999	30.077	534.92	26.583	0
"2013-11-08	14:00:00"	15.78	183.89	56.295	41.275	464.18	26.553	0
"2013-11-08	15:00:00"	16.298	182.35	55.396	57.023	344.35	26.527	0
"2013-11-08	16:00:00"	14.517	183.9	55.503	62.357	309.03	26.521	0
"2013-11-08	17:00:00"	14.595	183.27	55.795	61.738	268.26	26.497	0
"2013-11-08	18:00:00"	11.385	178.37	53.605	65.767	87.824	26.497	0
"2013-11-08	19:00:00"	9.3951	182.67	49.212	74.721	0.37393	26.497	0
"2013-11-08	20:00:00"	7.38	181.89	46.68	79.274	0.0761	26.494	0
"2013-11-08	21:00:00"	7.037	182.32	44.243	84.15	0.07483	26.494	0
"2013-11-08	22:00:00"	4.7299	197.26	42.254	88.745	0.09772	26.491	0
"2013-11-08	23:00:00"	5.5538	207.43	41.142	90.985	0.09179	26.483	0
"2013-11-09	00:00:00"	4.8355	219.94	40.747	92.037	0.06656	26.48	0
"2013-11-09	01:00:00"	7.1663	218	42.113	92.5	0.08034	26.474	0
"2013-11-09	02:00:00"	8.227	222.4	42.405	92.667	0.05808	26.465	0
"2013-11-09	03:00:00"	6.9935	226.8	42.056	92.797	0.05914	26.462	0
"2013-11-09	04:00:00"	7.6683	224.9	41.72	92.901	0.0797	26.456	0
"2013-11-09	05:00:00"	7.252	230.47	41.235	93.002	0.08013	26.459	0
"2013-11-09	06:00:00"	6.1037	228.16	40.31	93.072	0.06571	26.471	0
"2013-11-09	07:00:00"	5.9763	232.93	39.393	93.165	0.05829	26.48	0
"2013-11-09	08:00:00"	5.0188	226.65	38.453	93.257	27.304	26.488	0
"2013-11-09	09:00:00"	5.4326	252.76	40.592	93.351	224.13	26.512	0
"2013-11-09	10:00:00"	5.7464	239.58	45.83	91.313	413.32	26.521	0
"2013-11-09	11:00:00"	6.4616	241.31	56.618	65.34	572.49	26.521	0
"2013-11-09	12:00:00"	7.3185	231.37	64.393	48.786	676.22	26.512	0
"2013-11-09	13:00:00"	10.998	281.63	72.151	23.816	716.08	26.497	0
"2013-11-09	14:00:00"	8.834	284.52	74.082	21.866	686.57	26.48	0
"2013-11-09	15:00:00"	11.141	285.44	75.769	18.021	593.67	26.477	0
"2013-11-09	16:00:00"	10.506	285.84	75.949	16.375	442.33	26.483	0
"2013-11-09	17:00:00"	7.2968	277.59	75.605	15.639	251.69	26.494	0
"2013-11-09	18:00:00"	3.2734	264.62	72.982	17.468	70.324	26.506	0
"2013-11-09	19:00:00"	1.006	256.35	66.646	21.867	0.31161	26.518	0
"2013-11-09	20:00:00"	1.5242	289.98	62.89	24.533	0.0619	26.533	0
"2013-11-09	21:00:00"	5.4358	1.642	57.943	29.411	0.06995	26.55	0
"2013-11-09	22:00:00"	7.605	30.431	51.641	39.623	0.07631	26.565	0
"2013-11-09	23:00:00"	8.8427	29.676	49.928	44.834	0.06974	26.58	0
"2013-11-10	00:00:00"	7.9119	40.177	47.341	51.767	0.08034	26.589	0
"2013-11-10	01:00:00"	7.3564	33.966	45.121	59.663	0.06614	26.586	0
"2013-11-10	02:00:00"	8.7408	22.922	44.054	68.263	0.08394	26.595	0
"2013-11-10	03:00:00"	10.103	25.327	44.202	72.482	0.06932	26.589	0
"2013-11-10	04:00:00"	10.746	33.792	44.296	74.328	0.07864	26.601	0
"2013-11-10	05:00:00"	11.267	31.889	43.395	76.781	0.07038	26.604	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-10	06:00:00"	11.092	30.412	42.523	78.28	0.06487	26.627	0
"2013-11-10	07:00:00"	11.686	30.541	41.572	79.553	0.0761	26.642	0
"2013-11-10	08:00:00"	12.913	30.41	42.012	79.016	41.024	26.657	0
"2013-11-10	09:00:00"	14.055	40.033	45.75	73.931	210.94	26.683	0
"2013-11-10	10:00:00"	12.636	45.222	51.684	66.129	403.89	26.701	0
"2013-11-10	11:00:00"	9.7369	56.678	57.747	57.482	563.72	26.71	0
"2013-11-10	12:00:00"	7.0327	64.165	61.91	50.676	667.23	26.686	0
"2013-11-10	13:00:00"	5.3575	89.792	65.658	43.446	707.26	26.663	0
"2013-11-10	14:00:00"	4.4633	101	68.285	37.556	679	26.639	0
"2013-11-10	15:00:00"	4.1638	84.958	70	33.182	584	26.63	0
"2013-11-10	16:00:00"	3.7879	95.655	71.462	29.761	431.11	26.624	0
"2013-11-10	17:00:00"	4.2657	114.08	71.823	27.909	244.17	26.621	0
"2013-11-10	18:00:00"	3.6195	107.65	69.508	31.963	65.61	26.621	0
"2013-11-10	19:00:00"	5.3736	92.078	62.369	42.489	0.2707	26.63	0
"2013-11-10	20:00:00"	5.7439	118.1	58.051	51.202	0.0655	26.642	0
"2013-11-10	21:00:00"	6.3877	146.68	56.271	54.502	0.05469	26.648	0
"2013-11-10	22:00:00"	7.2079	150.08	54.114	65.366	0.07737	26.657	0
"2013-11-10	23:00:00"	7.1607	163.87	52.72	76.27	0.07419	26.654	0
"2013-11-11	00:00:00"	6.7245	162.79	50.796	85.77	0.05978	26.651	0
"2013-11-11	01:00:00"	3.379	170.72	49.056	90.938	0.06889	26.639	0
"2013-11-11	02:00:00"	1.8995	217.1	48.326	92.475	0.05766	26.63	0
"2013-11-11	03:00:00"	1.7411	203.74	46.691	93.056	0.07758	26.618	0
"2013-11-11	04:00:00"	0.90534	280.75	47.21	93.228	0.08649	26.615	0
"2013-11-11	05:00:00"	4.0439	183.51	49.545	93.746	0.07398	26.618	0
"2013-11-11	06:00:00"	6.479	188.01	51.925	93.616	0.05808	26.633	0
"2013-11-11	07:00:00"	7.111	180.93	52.524	93.58	0.07822	26.645	0.01
"2013-11-11	08:00:00"	5.793	191.92	52.243	93.492	6.1309	26.66	0
"2013-11-11	09:00:00"	6.3864	189.11	52.258	93.483	43.752	26.674	0
"2013-11-11	10:00:00"	4.7659	179.41	52.515	93.067	116.13	26.683	0
"2013-11-11	11:00:00"	3.8363	166.29	55	83.806	259.9	26.686	0
"2013-11-11	12:00:00"	3.1696	292.01	59.581	70.068	621.36	26.669	0
"2013-11-11	13:00:00"	2.9329	316.8	63.875	58.136	688.76	26.639	0
"2013-11-11	14:00:00"	4.0731	133.92	69.059	44.034	663.81	26.607	0
"2013-11-11	15:00:00"	3.9445	136.24	71.625	36.507	571.13	26.598	0
"2013-11-11	16:00:00"	4.1309	164.87	73.327	32.344	421.94	26.595	0
"2013-11-11	17:00:00"	2.9689	188.48	73.527	30.305	237.05	26.598	0
"2013-11-11	18:00:00"	1.6112	158.34	71.294	32.381	59.28	26.604	0
"2013-11-11	19:00:00"	4.4235	99.109	64.395	44.716	0.25289	26.621	0
"2013-11-11	20:00:00"	5.442	113.2	58.143	64.656	0.06953	26.639	0
"2013-11-11	21:00:00"	5.5053	123.4	56.065	72.513	0.05617	26.648	0
"2013-11-11	22:00:00"	3.9494	123.17	53.404	80.642	0.09179	26.669	0
"2013-11-11	23:00:00"	3.0447	95.419	50.959	87.502	0.06635	26.689	0
"2013-11-12	00:00:00"	3.9668	54.945	48.992	91.021	0.07398	26.701	0
"2013-11-12	01:00:00"	4.0209	36.443	47.596	92.824	0.06253	26.719	0
"2013-11-12	02:00:00"	9.4405	40.243	50.354	93.634	0.07059	26.769	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-12	03:00:00"	10.87	38.733	51.692	93.612	0.08225	26.781	0
"2013-11-12	04:00:00"	16.194	48.623	51.741	92.046	0.0655	26.819	0
"2013-11-12	05:00:00"	20.644	40.001	44.386	90.415	0.06868	26.86	0
"2013-11-12	06:00:00"	21.586	36.732	37.879	89.704	0.0761	26.902	0
"2013-11-12	07:00:00"	21.227	41.028	35.774	88.832	0.09242	26.943	0
"2013-11-12	08:00:00"	22.845	42.778	34.509	88.408	5.2094	26.958	0
"2013-11-12	09:00:00"	24.271	34.586	33.685	86.907	56.119	26.99	0
"2013-11-12	10:00:00"	22.439	36.753	34.146	84.811	96.133	27.02	0
"2013-11-12	11:00:00"	20.089	44.065	35.118	81.852	143.4	27.026	0
"2013-11-12	12:00:00"	16.446	39.414	36.813	71.794	232.42	27.032	0
"2013-11-12	13:00:00"	12.183	35.876	38.619	61.991	237.68	27.017	0
"2013-11-12	14:00:00"	11.113	36.86	40.011	56.919	199.8	27.005	0
"2013-11-12	15:00:00"	9.5815	33.629	41.304	54.162	185.91	26.999	0
"2013-11-12	16:00:00"	8.5873	40.643	42.834	49.052	181.96	26.996	0
"2013-11-12	17:00:00"	9.1919	37.751	43.734	44.211	101.77	26.999	0
"2013-11-12	18:00:00"	9.7972	49.791	43.383	40.667	17.901	27.002	0
"2013-11-12	19:00:00"	6.8475	58.634	42.774	38.97	0.12931	27.017	0
"2013-11-12	20:00:00"	4.1427	61.485	42.315	38.343	0.07038	27.014	0
"2013-11-12	21:00:00"	3.2628	68.046	39.674	43.195	0.07292	27.023	0
"2013-11-12	22:00:00"	2.8142	90.343	40.484	41.663	0.07525	27.023	0
"2013-11-12	23:00:00"	1.9654	123.34	41.047	40.977	0.08988	27.017	0
"2013-11-13	00:00:00"	1.984	102.89	40.557	41.269	0.0797	26.996	0
"2013-11-13	01:00:00"	3.7705	81.233	37.177	47.053	0.0761	26.985	0
"2013-11-13	02:00:00"	4.5559	79.289	34.013	51.948	0.06402	26.976	0
"2013-11-13	03:00:00"	3.9457	111.74	33.464	46.346	0.09052	26.961	0
"2013-11-13	04:00:00"	3.5698	87.19	31.951	48.093	0.07017	26.946	0
"2013-11-13	05:00:00"	4.0644	75.516	30.987	49.715	0.0814	26.928	0
"2013-11-13	06:00:00"	3.6388	115.25	30.49	47.689	0.09772	26.925	0
"2013-11-13	07:00:00"	4.4739	143.1	29.936	46.085	0.07546	26.92	0
"2013-11-13	08:00:00"	4.3595	156.73	29.543	46.898	37.005	26.931	0
"2013-11-13	09:00:00"	4.9219	207.06	34.019	40.087	201.51	26.943	0
"2013-11-13	10:00:00"	7.782	212.09	38.714	32.144	394.34	26.934	0
"2013-11-13	11:00:00"	7.7093	216.8	42.436	29.191	555.66	26.917	0
"2013-11-13	12:00:00"	6.1683	196.33	46.125	26.707	660.92	26.881	0
"2013-11-13	13:00:00"	6.3392	190.52	49.472	26.652	700.85	26.837	0
"2013-11-13	14:00:00"	6.6859	191.35	52.047	27.865	673.65	26.793	0
"2013-11-13	15:00:00"	9.0304	176.25	53.827	27.555	579.52	26.763	0
"2013-11-13	16:00:00"	8.4761	187.92	54.747	27.915	426.7	26.739	0
"2013-11-13	17:00:00"	8.0728	180.71	54.974	29.532	238.17	26.719	0
"2013-11-13	18:00:00"	6.141	181.69	52.732	35.071	54.658	26.698	0
"2013-11-13	19:00:00"	4.2054	150.36	46.542	41.946	0.19036	26.704	0
"2013-11-13	20:00:00"	5.4028	146.54	44.359	41.172	0.08564	26.707	0
"2013-11-13	21:00:00"	5.8142	148.46	42.179	40.334	0.08013	26.689	0
"2013-11-13	22:00:00"	5.4786	151.78	40.696	40.846	0.07356	26.68	0
"2013-11-13	23:00:00"	4.5006	158.17	39.349	42.177	0.09581	26.666	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-14	00:00:00"	4.6112	168.72	39.372	44.352	0.08416	26.636	0
"2013-11-14	01:00:00"	5.1263	185.84	40.233	45.681	0.0725	26.615	0
"2013-11-14	02:00:00"	5.9844	183.75	40.873	47.579	0.07843	26.586	0
"2013-11-14	03:00:00"	6.3548	196.26	41.046	49.72	0.07101	26.565	0
"2013-11-14	04:00:00"	4.3086	181.73	39.942	53.084	0.06995	26.55	0
"2013-11-14	05:00:00"	2.8384	195.29	37.916	58.302	0.09327	26.518	0
"2013-11-14	06:00:00"	4.3558	203.24	37.074	63.002	0.08543	26.509	0
"2013-11-14	07:00:00"	5.0934	202.51	38.258	63.997	0.08331	26.497	0
"2013-11-14	08:00:00"	4.4322	198.65	38.015	65.131	11.477	26.497	0
"2013-11-14	09:00:00"	7.6882	191.26	40.126	65.302	76.548	26.494	0
"2013-11-14	10:00:00"	10.554	199.33	45.734	59.993	392.02	26.497	0
"2013-11-14	11:00:00"	10.35	210.09	51.24	53.766	569.62	26.483	0
"2013-11-14	12:00:00"	11.301	213.37	55.939	49.264	658.59	26.456	0
"2013-11-14	13:00:00"	10.072	230.86	59.176	45.41	679.87	26.426	0
"2013-11-14	14:00:00"	9.5797	230.97	61.784	41.935	650.03	26.394	0
"2013-11-14	15:00:00"	9.026	237.37	65.187	39.478	556.67	26.37	0
"2013-11-14	16:00:00"	10.289	243.44	67.6	35.626	411.9	26.358	0
"2013-11-14	17:00:00"	8.9129	275.55	68.112	31.073	229.94	26.356	0
"2013-11-14	18:00:00"	4.7976	301.82	65.58	31.551	43.523	26.364	0
"2013-11-14	19:00:00"	2.5681	266.22	61.224	36.919	0.11065	26.382	0
"2013-11-14	20:00:00"	5.6439	265.32	59.251	39.884	0.05935	26.394	0
"2013-11-14	21:00:00"	3.7425	286.75	56.742	46.042	0.06911	26.397	0
"2013-11-14	22:00:00"	5.6613	335.44	53.134	52.509	0.08119	26.406	0
"2013-11-14	23:00:00"	6.4306	326.44	52.093	55.209	0.06169	26.415	0
"2013-11-15	00:00:00"	3.5455	241.45	46.816	64.533	0.06783	26.409	0
"2013-11-15	01:00:00"	1.5093	282.29	45.191	70.648	0.08755	26.397	0
"2013-11-15	02:00:00"	2.0226	291.47	45.216	72.431	0.07123	26.394	0
"2013-11-15	03:00:00"	1.871	299.95	44.443	74.567	0.08288	26.385	0
"2013-11-15	04:00:00"	1.2682	211.3	42.804	80.7	0.06529	26.382	0
"2013-11-15	05:00:00"	2.2742	254.45	38.616	82.711	0.07589	26.388	0
"2013-11-15	06:00:00"	1.9207	323.14	37.177	78.538	0.09327	26.382	0
"2013-11-15	07:00:00"	2.2867	307.07	41.388	76.124	0.06762	26.379	0
"2013-11-15	08:00:00"	1.3676	222.51	43.905	72.147	31.49	26.391	0
"2013-11-15	09:00:00"	2.5352	231.89	49.215	60.987	188.56	26.4	0
"2013-11-15	10:00:00"	7.82	216.45	57.334	54.841	380.83	26.409	0
"2013-11-15	11:00:00"	9.9923	220.59	61.409	49.912	530.74	26.406	0
"2013-11-15	12:00:00"	14.28	214.85	63.814	46.966	531.56	26.382	0
"2013-11-15	13:00:00"	15.858	218.59	66.341	42.683	524.69	26.341	0
"2013-11-15	14:00:00"	13.125	214.11	68.607	39.049	394.94	26.308	0
"2013-11-15	15:00:00"	13.734	233.51	71.08	35.86	424.74	26.288	0
"2013-11-15	16:00:00"	12.792	241.44	71.072	35.808	263.77	26.27	0
"2013-11-15	17:00:00"	9.6083	225.92	70.216	37.205	94.882	26.258	0
"2013-11-15	18:00:00"	6.136	217.27	69.116	39.087	43.788	26.249	0
"2013-11-15	19:00:00"	5.903	214.92	64.979	43.492	0.11044	26.258	0
"2013-11-15	20:00:00"	2.0014	227.48	62.642	46.095	0.05829	26.282	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-15	21:00:00"	4.9623	223.18	61.354	56.637	0.06359	26.27	0
"2013-11-15	22:00:00"	3.2628	349.03	58.652	61.294	0.06847	26.273	0
"2013-11-15	23:00:00"	5.8813	173.58	58.329	60.206	0.07949	26.273	0
"2013-11-16	00:00:00"	14.1	195.07	60.519	58.904	0.06529	26.273	0
"2013-11-16	00:00:00"	15.368	211	120.74	100	0	0	0
"2013-11-16	01:00:00"	10.581	206.84	62.426	50.121	0.05851	26.264	0
"2013-11-16	02:00:00"	9.4871	195.47	61.211	52.816	0.07313	26.246	0
"2013-11-16	03:00:00"	8.1449	175.69	57.111	67.369	0.07017	26.234	0
"2013-11-16	04:00:00"	9.2752	192.6	57.481	64.924	0.09327	26.229	0
"2013-11-16	05:00:00"	8.5817	203.11	56.829	68.467	0.06911	26.232	0
"2013-11-16	06:00:00"	8.9502	199.64	55.809	75.051	0.05617	26.237	0
"2013-11-16	07:00:00"	5.3438	202.24	54.448	79.117	0.07123	26.252	0
"2013-11-16	08:00:00"	5.4973	213.04	53.599	83.018	10.208	26.285	0.05
"2013-11-16	09:00:00"	5.6812	218.86	53.703	86.697	47.311	26.294	0.03
"2013-11-16	10:00:00"	8.8216	195.58	56.692	82.285	169.81	26.291	0
"2013-11-16	11:00:00"	12.045	219.83	63.579	63.301	514.18	26.288	0
"2013-11-16	12:00:00"	16.049	230.06	69.158	47.602	605.85	26.258	0
"2013-11-16	13:00:00"	20.124	240.72	71.385	41.647	611.4	26.226	0
"2013-11-16	14:00:00"	21.89	238.98	73.59	36.284	633.78	26.19	0
"2013-11-16	15:00:00"	23.452	242.89	74.705	32.959	541.87	26.178	0
"2013-11-16	16:00:00"	21.516	245.71	75.236	31.673	389.27	26.164	0
"2013-11-16	17:00:00"	21.928	246.63	74.797	31.344	212.91	26.178	0
"2013-11-16	18:00:00"	17.753	245.63	72.779	32.142	52.113	26.184	0
"2013-11-16	19:00:00"	14.598	248.52	70.153	34.187	0.13418	26.19	0
"2013-11-16	20:00:00"	9.5256	236.28	67.353	39.545	0.07504	26.205	0
"2013-11-16	21:00:00"	3.2734	257.66	65.083	44.349	0.05639	26.214	0
"2013-11-16	22:00:00"	5.5855	215.01	62.104	50.113	0.06126	26.223	0
"2013-11-16	23:00:00"	5.0368	208.67	59.511	54.726	0.08628	26.24	0
"2013-11-17	00:00:00"	6.878	214.62	59.413	54.946	0.05787	26.24	0
"2013-11-17	01:00:00"	6.3262	233.24	58.188	55.986	0.06868	26.232	0
"2013-11-17	02:00:00"	4.5397	227.28	55.844	58.967	0.05363	26.252	0
"2013-11-17	03:00:00"	4.5093	243.38	54.59	59.394	0.07165	26.267	0
"2013-11-17	04:00:00"	4.1166	229.3	53.305	59.503	0.07313	26.279	0
"2013-11-17	05:00:00"	4.9275	253.32	51.737	61.109	0.06296	26.279	0
"2013-11-17	06:00:00"	4.5714	247.3	51.446	61.486	0.06783	26.296	0
"2013-11-17	07:00:00"	5.9894	233.47	51.861	60.153	0.07123	26.323	0
"2013-11-17	08:00:00"	5.7241	226.57	52.897	57.584	30.546	26.353	0
"2013-11-17	09:00:00"	5.9422	235.52	55.648	54.249	188.05	26.388	0
"2013-11-17	10:00:00"	11.17	269.89	62.422	42.372	373.17	26.412	0
"2013-11-17	11:00:00"	14.254	281.71	66.568	34.607	529.43	26.432	0
"2013-11-17	12:00:00"	13.463	277.71	68.982	30.316	633.59	26.426	0
"2013-11-17	13:00:00"	13.291	275.94	71.054	26.353	676.22	26.406	0
"2013-11-17	14:00:00"	12.451	276.33	72.805	24.05	648	26.391	0
"2013-11-17	15:00:00"	11.398	272.18	73.588	22.176	554.59	26.385	0
"2013-11-17	16:00:00"	10.343	278.89	73.949	21.682	407.91	26.394	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-17	17:00:00"	8.514	279.45	73.497	22.732	226.02	26.406	0
"2013-11-17	18:00:00"	3.9401	270.56	71.046	25.556	56.377	26.42	0
"2013-11-17	19:00:00"	2.4749	333.65	65.34	31.015	0.11065	26.438	0
"2013-11-17	20:00:00"	2.885	33.522	60.655	36.003	0.05999	26.459	0
"2013-11-17	21:00:00"	1.8393	340.47	60.016	36.427	0.06868	26.474	0
"2013-11-17	22:00:00"	3.9084	322.33	59.716	36.926	0.07886	26.483	0
"2013-11-17	23:00:00"	1.6013	320.2	57.221	39.89	0.07695	26.494	0
"2013-11-18	00:00:00"	3.5803	353.51	54.646	45.42	0.07462	26.503	0
"2013-11-18	01:00:00"	5.3326	13.051	51.751	49.197	0.0708	26.503	0
"2013-11-18	02:00:00"	4.4807	2.7204	53.36	46.862	0.07928	26.512	0
"2013-11-18	03:00:00"	8.1878	20.009	54.699	41.496	0.0778	26.512	0
"2013-11-18	04:00:00"	10.353	38.617	52.373	43.191	0.07483	26.515	0
"2013-11-18	05:00:00"	11.303	52.103	48.511	49.096	0.07758	26.521	0
"2013-11-18	06:00:00"	12.07	60.154	46.929	50.947	0.07059	26.536	0
"2013-11-18	07:00:00"	11.28	48.703	45.656	54.951	0.06529	26.562	0
"2013-11-18	08:00:00"	10.706	54.586	43.194	55.697	18.605	26.577	0
"2013-11-18	09:00:00"	11.938	62.376	46.015	48.634	110.59	26.598	0
"2013-11-18	10:00:00"	10.123	73.74	49.004	42.759	214.68	26.624	0
"2013-11-18	11:00:00"	8.9421	80.191	51.145	40.425	212.01	26.63	0
"2013-11-18	12:00:00"	4.9977	114.18	54.55	36.606	386.2	26.624	0
"2013-11-18	13:00:00"	4.2769	79.878	57.495	33.99	447.99	26.58	0
"2013-11-18	14:00:00"	3.425	355.52	59.494	32.746	285.79	26.583	0
"2013-11-18	15:00:00"	3.3852	15.328	60.137	32.461	227.44	26.559	0
"2013-11-18	16:00:00"	5.9024	52.618	60.68	32.135	238.05	26.562	0
"2013-11-18	17:00:00"	7.5273	59.957	59.856	32.724	123.97	26.556	0
"2013-11-18	18:00:00"	4.4279	77.573	58.097	34.567	29.794	26.562	0
"2013-11-18	19:00:00"	4.7305	79.728	54.8	38.411	0.09327	26.565	0
"2013-11-18	20:00:00"	7.1762	83.152	53.355	38.844	0.07546	26.571	0
"2013-11-18	21:00:00"	4.303	86.604	50.294	42.516	0.08246	26.565	0
"2013-11-18	22:00:00"	4.7404	79.413	46.62	47.56	0.08585	26.559	0
"2013-11-18	23:00:00"	4.8243	70.437	43.938	51.601	0.07186	26.586	0
"2013-11-19	00:00:00"	5.3525	51.492	42.523	54.403	0.07356	26.574	0
"2013-11-19	01:00:00"	5.762	32.054	40.919	59.098	0.04833	26.565	0
"2013-11-19	02:00:00"	6.3212	30.808	40.173	59.877	0.08564	26.556	0
"2013-11-19	03:00:00"	6.0714	36.951	40.39	59.154	0.05427	26.545	0
"2013-11-19	04:00:00"	6.1137	57.47	41.011	56.494	0.07801	26.521	0
"2013-11-19	05:00:00"	6.3411	45.805	39.97	57.427	0.07568	26.515	0
"2013-11-19	06:00:00"	5.3301	39.525	39.565	59.548	0.07419	26.515	0
"2013-11-19	07:00:00"	5.2605	51.451	41.089	58.163	0.06359	26.5	0
"2013-11-19	08:00:00"	4.9442	67.455	42.56	54.524	21.334	26.506	0
"2013-11-19	09:00:00"	4.7131	122.69	48.1	45.548	136.27	26.509	0
"2013-11-19	10:00:00"	7.5702	176.76	55.43	43.506	345.03	26.506	0
"2013-11-19	11:00:00"	9.3585	184.42	59.87	43.6	520.86	26.488	0
"2013-11-19	12:00:00"	10.873	190.97	63.57	42.78	596.01	26.465	0
"2013-11-19	13:00:00"	10.547	188.95	65.848	38.823	656.98	26.426	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-19	14:00:00"	9.4821	204.97	68.717	35.166	628.11	26.394	0
"2013-11-19	15:00:00"	10.248	203.04	70.802	31.424	520.22	26.361	0
"2013-11-19	16:00:00"	11.46	204.83	71.732	29.733	398.18	26.347	0
"2013-11-19	17:00:00"	10.184	205.54	71.816	29.269	239.25	26.347	0
"2013-11-19	18:00:00"	7.4111	183.74	68.767	32.213	35.533	26.335	0
"2013-11-19	19:00:00"	5.9409	167.47	63.347	38.66	0.14627	26.329	0
"2013-11-19	20:00:00"	6.3367	166.17	60.958	48.168	0.08988	26.338	0
"2013-11-19	21:00:00"	6.6437	171.57	59.312	64.772	0.06699	26.338	0
"2013-11-19	22:00:00"	6.1913	175.51	57.804	73.99	0.0831	26.341	0
"2013-11-19	23:00:00"	4.7585	181.97	56.335	82.423	0.05702	26.347	0
"2013-11-20	00:00:00"	3.6356	191.61	54.62	88.239	0.08585	26.341	0
"2013-11-20	01:00:00"	6.2504	185.82	54.101	90.908	0.05596	26.326	0
"2013-11-20	02:00:00"	7.2769	198.48	54.555	92.081	0.07334	26.329	0
"2013-11-20	03:00:00"	9.1118	197.41	55.046	92.577	0.08543	26.329	0
"2013-11-20	04:00:00"	10.849	201.61	54.84	92.589	0.06868	26.332	0
"2013-11-20	05:00:00"	10.776	204.52	54.69	92.407	0.06656	26.329	0
"2013-11-20	06:00:00"	9.8618	202.83	54.779	91.4	0.0655	26.329	0
"2013-11-20	07:00:00"	10.467	196.14	54.485	91.094	0.0708	26.332	0
"2013-11-20	08:00:00"	10.197	200.98	53.959	90.749	6.4041	26.347	0
"2013-11-20	09:00:00"	10.553	197.94	53.992	89.413	60.816	26.361	0
"2013-11-20	10:00:00"	10.242	200.71	55.283	85.277	279.67	26.364	0
"2013-11-20	11:00:00"	10.371	208.37	59.929	71.432	568.22	26.358	0
"2013-11-20	12:00:00"	10.379	221.59	65.643	54.513	643.68	26.344	0
"2013-11-20	13:00:00"	8.9359	227.49	70.002	44.018	559.71	26.314	0
"2013-11-20	14:00:00"	10.429	221.36	73.437	34.017	490.96	26.296	0
"2013-11-20	15:00:00"	11.247	269.17	73.872	26.799	297.54	26.288	0
"2013-11-20	16:00:00"	7.9399	286.19	72.389	27.088	164.74	26.27	0
"2013-11-20	17:00:00"	7.4235	306.14	70.373	28.748	67.344	26.291	0
"2013-11-20	18:00:00"	3.228	292.5	67.749	31.369	33.874	26.291	0
"2013-11-20	19:00:00"	4.2085	49.651	65.119	34.02	0.13906	26.296	0
"2013-11-20	20:00:00"	4.3496	78.912	61.602	38.059	0.07631	26.308	0
"2013-11-20	21:00:00"	5.1934	149.52	58.677	42.623	0.08522	26.335	0
"2013-11-20	22:00:00"	7.0401	175.48	56.464	72.271	0.06805	26.338	0
"2013-11-20	23:00:00"	6.8649	183.32	55.188	89.789	0.08098	26.341	0
"2013-11-21	00:00:00"	9.5461	187.33	56.427	92.747	0.09391	26.344	0
"2013-11-21	01:00:00"	9.7978	192.21	57.34	92.681	0.06741	26.344	0
"2013-11-21	02:00:00"	7.9709	191.64	58.143	90.841	0.07886	26.35	0
"2013-11-21	03:00:00"	8.2406	199.26	58.408	89.659	0.07737	26.358	0
"2013-11-21	04:00:00"	7.7994	204.55	58.611	89.083	0.06593	26.361	0
"2013-11-21	05:00:00"	7.8137	196.2	58.82	87.973	0.05617	26.367	0
"2013-11-21	06:00:00"	6.6505	197.08	58.514	87.565	0.07038	26.376	0
"2013-11-21	07:00:00"	6.5045	202.44	57.985	88.253	0.07017	26.397	0
"2013-11-21	08:00:00"	5.4538	204.37	56.949	90.052	4.3274	26.42	0
"2013-11-21	09:00:00"	6.0832	232.47	57.213	89.773	84.773	26.447	0
"2013-11-21	10:00:00"	4.833	270.95	58.842	81.972	287.42	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-21	11:00:00"	4.2228	257.25	62.372	66.841	501.19	26.468	0
"2013-11-21	12:00:00"	4.1619	289.11	66.103	50.659	603.63	26.456	0
"2013-11-21	13:00:00"	5.4146	307.16	69.318	37.265	645.61	26.441	0
"2013-11-21	14:00:00"	4.1526	312.7	72.175	33.292	622.92	26.429	0
"2013-11-21	15:00:00"	3.4256	345.45	73.769	30.172	526.75	26.426	0
"2013-11-21	16:00:00"	3.1472	9.8717	74.178	28.127	367.4	26.435	0
"2013-11-21	17:00:00"	4.9548	76.589	73.66	29.684	179.41	26.45	0
"2013-11-21	18:00:00"	5.5408	74.869	70.624	35.578	50.124	26.471	0
"2013-11-21	19:00:00"	16.872	46.828	57.972	43.533	0.10387	26.506	0
"2013-11-21	20:00:00"	18.447	41.359	49.789	49.761	0.0672	26.536	0
"2013-11-21	21:00:00"	21.804	42.23	42.738	56.796	0.06868	26.562	0
"2013-11-21	22:00:00"	20.634	44.196	38.011	61.466	0.07207	26.609	0
"2013-11-21	23:00:00"	20.345	37.72	34.732	63.021	0.08437	26.636	0
"2013-11-22	00:00:00"	23.294	44.958	32.637	62.507	0.08522	26.633	0
"2013-11-22	01:00:00"	23.656	46.133	32.116	61.935	0.08967	26.657	0
"2013-11-22	02:00:00"	21.005	42.53	31.003	65.975	0.07398	26.698	0
"2013-11-22	03:00:00"	21.416	37.481	29.364	67.916	0.07737	26.707	0
"2013-11-22	04:00:00"	20.347	30.959	27.469	70.348	0.08204	26.719	0
"2013-11-22	05:00:00"	18.519	31.123	26.886	70.999	0.07229	26.745	0
"2013-11-22	06:00:00"	16.593	17.812	26.786	74.316	0.0867	26.772	0
"2013-11-22	07:00:00"	18.517	7.9989	25.612	83.384	0.07822	26.798	0
"2013-11-22	08:00:00"	18.908	12.263	24.994	78.325	4.5167	26.831	0
"2013-11-22	09:00:00"	16.044	21.68	25.462	73.517	31.447	26.852	0
"2013-11-22	10:00:00"	16.336	22.801	25.544	74.666	69.982	26.869	0
"2013-11-22	11:00:00"	15.59	19.5	25.98	73.114	77.95	26.875	0
"2013-11-22	12:00:00"	14.622	16.96	26.887	73.817	102.05	26.858	0
"2013-11-22	13:00:00"	15.201	22.655	26.272	80.853	125.47	26.834	0
"2013-11-22	14:00:00"	14.14	22.595	26.883	78.55	83.495	26.819	0
"2013-11-22	15:00:00"	14.776	23.539	27.166	81.377	103.21	26.807	0
"2013-11-22	16:00:00"	16.636	8.6643	27.787	84.057	73.149	26.81	0
"2013-11-22	17:00:00"	16.976	4.5997	27.364	82.262	32.454	26.813	0
"2013-11-22	18:00:00"	16.868	5.6774	27.274	79.906	5.6136	26.813	0
"2013-11-22	19:00:00"	14.116	18.302	27.053	78.329	0.06296	26.834	0
"2013-11-22	20:00:00"	12.245	23.711	26.673	82.063	0.06169	26.834	0
"2013-11-22	21:00:00"	12.584	12.239	26.492	88.238	0.06571	26.849	0
"2013-11-22	22:00:00"	14.717	14.698	26.773	88.963	0.07377	26.846	0
"2013-11-22	23:00:00"	18.297	32.229	26.802	89.101	0.07017	26.849	0
"2013-11-23	00:00:00"	26.203	308.84	26.828	88.856	0.08246	26.843	0
"2013-11-23	01:00:00"	4.8616	4.2184	26.843	88.712	0.08734	26.846	0
"2013-11-23	02:00:00"	16.355	195.63	26.897	88.686	0.08967	26.84	0
"2013-11-23	03:00:00"	26.063	196.4	26.838	88.467	0.0655	26.843	0
"2013-11-23	04:00:00"	12.688	191.67	26.969	89.617	0.07483	26.837	0
"2013-11-23	05:00:00"	19.43	160.36	27.431	89.934	0.06868	26.834	0
"2013-11-23	06:00:00"	17.842	150.84	27.917	90.278	0.09327	26.858	0
"2013-11-23	07:00:00"	11.994	90.671	28.374	90.291	0.06656	26.863	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-23	08:00:00"	10.698	78.063	28.962	89.085	2.0342	26.881	0
"2013-11-23	09:00:00"	0.05033	114	29.28	88.575	14.767	26.887	0
"2013-11-23	10:00:00"	1.6044	74.728	29.64	89.03	33.744	26.914	0
"2013-11-23	11:00:00"	6.8332	49.609	30.23	89.447	43.625	26.923	0
"2013-11-23	12:00:00"	3.9059	124.64	29.639	89.304	71.288	26.908	0
"2013-11-23	13:00:00"	33.08	113.1	29.531	89.289	65.948	26.896	0
"2013-11-23	14:00:00"	39.094	87.9	29.907	88.925	90.138	26.869	0
"2013-11-23	15:00:00"	37.383	78.834	30.527	87.898	81.629	26.84	0
"2013-11-23	16:00:00"	43.689	77.447	29.991	82.236	48.392	26.86	0
"2013-11-23	17:00:00"	16.731	85.953	29.484	80.319	27.88	26.858	0
"2013-11-23	18:00:00"	3.2081	104.12	28.841	76.934	4.6046	26.863	0
"2013-11-23	19:00:00"	8.5836	131.03	28.483	80.257	0.07716	26.852	0
"2013-11-23	20:00:00"	14.414	120.59	28.55	82.247	0.07186	26.875	0
"2013-11-23	21:00:00"	13.13	132.11	27.654	84.402	0.08055	26.89	0
"2013-11-23	22:00:00"	7.8603	126.97	27.154	85.707	0.07928	26.872	0
"2013-11-23	23:00:00"	6.1938	22.488	27.154	84.102	0.08161	26.878	0
"2013-11-24	00:00:00"	8.9123	71.403	27.503	84.24	0.0956	26.866	0
"2013-11-24	01:00:00"	36.15	77.262	27.135	84.696	0.05193	26.852	0
"2013-11-24	02:00:00"	41.111	81.932	26.291	88.508	0.0566	26.831	0
"2013-11-24	03:00:00"	43.525	83.504	25.928	89.971	0.06699	26.828	0
"2013-11-24	04:00:00"	14.933	81.223	26.193	90.279	0.06614	26.828	0
"2013-11-24	05:00:00"	4.0383	73.809	26.728	90.837	0.0672	26.819	0
"2013-11-24	06:00:00"	5.6644	216	26.591	90.167	0.08734	0	0
"2013-11-24	07:00:00"	8.4848	280.64	26.52	90.189	0.09687	26.807	0
"2013-11-24	08:00:00"	17.264	237.67	26.668	89.84	0.90197	26.81	0
"2013-11-24	09:00:00"	6.1541	200.82	27.04	90.141	31.33	26.804	0
"2013-11-24	10:00:00"	9.4374	226.57	27.328	88.933	79.844	0	0
"2013-11-24	11:00:00"	10.358	272.8	27.674	88.689	161.34	26.798	0
"2013-11-24	12:00:00"	5.6004	239.71	28.033	88.158	161.06	26.772	0
"2013-11-24	13:00:00"	0.42315	249.86	28.485	88.019	218.05	26.739	0
"2013-11-24	14:00:00"	0 "INF"		28.764	87.124	210.39	0	0
"2013-11-24	15:00:00"	0 "INF"		28.749	87.573	153.04	26.683	0
"2013-11-24	16:00:00"	0 "INF"		28.793	86.914	98.943	26.66	0
"2013-11-24	17:00:00"	0 "INF"		28.77	86.964	53.751	26.657	0
"2013-11-24	18:00:00"	0 "INF"		28.584	88.27	8.2002	26.651	0
"2013-11-24	19:00:00"	0 "INF"		28.419	89.596	0.0884	0	0
"2013-11-24	20:00:00"	0 "INF"		28.41	90.17	0.06593	0	0
"2013-11-24	21:00:00"	0 "INF"		28.574	90.58	0.08818	0	0
"2013-11-24	22:00:00"	0 "INF"		28.606	91.152	0.08564	26.615	0
"2013-11-24	23:00:00"	0 "INF"		28.59	91.445	0.09709	0	0
"2013-11-25	00:00:00"	0 "INF"		28.919	91.212	0.06529	0	0
"2013-11-25	01:00:00"	0 "INF"		29.006	92.292	0.09857	26.577	0
"2013-11-25	02:00:00"	0 "INF"		29.136	91.816	0.10217	0	0
"2013-11-25	03:00:00"	0 "INF"		29.273	91.503	0.09433	0	0
"2013-11-25	04:00:00"	0 "INF"		29.478	92.064	0.06465	26.515	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-25	05:00:00"		0 "INF"	29.469	91.871	0.0778	26.491	0
"2013-11-25	06:00:00"		0 "INF"	29.409	91.247	0.07758	26.485	0
"2013-11-25	07:00:00"		0 "INF"	29.261	90.681	0.09327	26.491	0
"2013-11-25	08:00:00"		0 "INF"	29.128	90.348	4.2737	0	0
"2013-11-25	09:00:00"		0 "INF"	29.572	91.278	49.371	0	0
"2013-11-25	10:00:00"		0 "INF"	29.431	91.934	172.01	26.512	0
"2013-11-25	11:00:00"	0.64374	229.23	30.418	91.72	289.25	26.521	0
"2013-11-25	12:00:00"	9.274	262.82	32.413	89.068	546.7	26.515	0
"2013-11-25	13:00:00"	11.018	281.31	36.986	82.059	635.09	26.491	0.23
"2013-11-25	14:00:00"	12.747	327.26	40.76	72.665	466.43	26.485	0.1
"2013-11-25	15:00:00"	13.912	333.71	41.117	70.11	369.07	26.491	0.07
"2013-11-25	16:00:00"	14.398	347.33	40.906	66.219	205.11	26.509	0.02
"2013-11-25	17:00:00"	11.84	357.41	39.937	66.878	90.582	26.524	0
"2013-11-25	18:00:00"	9.3417	342.3	39.378	70.694	11.954	26.536	0
"2013-11-25	19:00:00"	15.506	350.51	38.623	68.899	0.07695	26.553	0
"2013-11-25	20:00:00"	13.66	1.2088	36.709	70.555	0.08585	26.58	0
"2013-11-25	21:00:00"	11.452	0.96928	36.076	73.346	0.05533	26.583	0
"2013-11-25	22:00:00"	19.717	359.09	33.275	69.204	0.07356	26.607	0
"2013-11-25	23:00:00"	17.219	355.51	31.601	72.566	0.06656	26.624	0
"2013-11-26	00:00:00"	15.357	0.68849	31.217	75.992	0.08055	26.63	0
"2013-11-26	01:00:00"	15.164	3.7893	30.925	78.364	0.0761	26.636	0
"2013-11-26	02:00:00"	15.339	6.086	30.848	75.038	0.06762	26.648	0
"2013-11-26	03:00:00"	14.552	5.989	30.792	76.843	0.07144	26.654	0
"2013-11-26	04:00:00"	10.498	355.67	28.619	80.433	0.07525	26.677	0
"2013-11-26	05:00:00"	7.5453	0.37058	27.947	81.615	0.07483	26.677	0
"2013-11-26	06:00:00"	7.8622	5.4424	28.33	80.473	0.07674	26.674	0
"2013-11-26	07:00:00"	10.458	0.8868	29.363	75.587	0.06677	26.698	0
"2013-11-26	08:00:00"	10.281	358.79	29.27	73.909	20.408	26.725	0
"2013-11-26	09:00:00"	12.503	9.8333	32.229	64.768	167.01	26.748	0
"2013-11-26	10:00:00"	13.91	9.5707	36.104	53.888	351.27	26.778	0
"2013-11-26	11:00:00"	12.913	11.713	39.234	47.496	510.48	26.793	0
"2013-11-26	12:00:00"	11.89	14.674	42.239	44.229	617.13	26.787	0
"2013-11-26	13:00:00"	11.518	9.6865	44.725	41.881	659.74	26.772	0
"2013-11-26	14:00:00"	10.159	8.354	46.291	41.384	636.02	26.76	0
"2013-11-26	15:00:00"	11.741	4.0027	47.127	41.033	546.77	26.754	0
"2013-11-26	16:00:00"	11.856	13.332	47.35	40.928	399.67	26.763	0
"2013-11-26	17:00:00"	10.752	6.6033	46.845	42.184	217.82	26.775	0
"2013-11-26	18:00:00"	7.1228	357.79	44.1	47.307	51.033	26.778	0
"2013-11-26	19:00:00"	5.5457	0.23082	39.88	56.871	0.08967	26.793	0
"2013-11-26	20:00:00"	4.5696	3.614	35.932	67.896	0.06889	26.793	0
"2013-11-26	21:00:00"	4.4906	350.67	34.134	71.898	0.085	26.796	0
"2013-11-26	22:00:00"	4.3757	330.39	34.729	69.92	0.0903	26.798	0
"2013-11-26	23:00:00"	4.06	351.45	32.277	76.936	0.07525	26.801	0
"2013-11-27	00:00:00"	3.6903	355.7	31.369	79.64	0.06953	26.798	0
"2013-11-27	01:00:00"	4.8138	4.4816	32.841	72.508	0.08479	26.79	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-27	02:00:00"	3.7643	344.73	31.987	73.74	0.07928	26.79	0
"2013-11-27	03:00:00"	3.4045	344.63	29.783	80.165	0.07165	26.79	0
"2013-11-27	04:00:00"	3.3194	333.82	30.454	79.178	0.07716	26.781	0
"2013-11-27	05:00:00"	3.5039	339.22	30.417	78.397	0.09136	26.778	0
"2013-11-27	06:00:00"	3.3219	6.9369	29.94	78.356	0.07928	26.778	0
"2013-11-27	07:00:00"	4.0072	39.897	30.486	75.449	0.07992	26.784	0
"2013-11-27	08:00:00"	3.717	73.164	32.9	67.942	18.589	26.781	0
"2013-11-27	09:00:00"	2.9882	112.6	35.55	67.81	162.1	26.798	0.01
"2013-11-27	10:00:00"	5.6694	160.47	39.4	57.592	348.32	26.79	0
"2013-11-27	11:00:00"	6.4436	173.05	42.153	50.835	509.9	26.775	0
"2013-11-27	12:00:00"	8.3077	205.07	43.997	46.156	619.88	26.757	0
"2013-11-27	13:00:00"	10.012	213.81	45.601	44.09	637.38	26.731	0
"2013-11-27	14:00:00"	9.5393	211.27	46.661	41.593	503.65	26.698	0
"2013-11-27	15:00:00"	9.7692	216.55	47.176	39.516	350.07	26.677	0
"2013-11-27	16:00:00"	8.3742	216.51	46.543	40.845	225.7	26.663	0
"2013-11-27	17:00:00"	6.4977	209.09	46.33	42.126	116.7	26.663	0
"2013-11-27	18:00:00"	4.7348	190.5	44.289	48.015	19.27	26.66	0
"2013-11-27	19:00:00"	3.845	170.4	40.891	57.263	0.06402	26.663	0
"2013-11-27	20:00:00"	3.2945	145.4	39.778	60.602	0.0797	26.663	0
"2013-11-27	21:00:00"	4.6789	166.8	39.349	63.204	0.08564	26.674	0
"2013-11-27	22:00:00"	4.0743	156.54	37.8	68.63	0.07886	26.663	0
"2013-11-27	23:00:00"	4.2937	151.1	35.992	72.181	0.07483	26.657	0
"2013-11-28	00:00:00"	3.9681	170.09	34.981	73.716	0.08649	26.654	0
"2013-11-28	01:00:00"	3.8308	168.59	34.288	73.888	0.092	26.633	0
"2013-11-28	02:00:00"	4.764	167.99	35.011	69.775	0.0708	26.615	0
"2013-11-28	03:00:00"	4.0023	176.27	34.703	69.775	0.07886	26.615	0
"2013-11-28	04:00:00"	3.1578	186.59	34.286	70.446	0.08437	26.612	0
"2013-11-28	05:00:00"	3.6735	193.42	33.714	70.838	0.0884	26.612	0
"2013-11-28	06:00:00"	2.8664	204.62	33.185	71.976	0.08946	26.618	0
"2013-11-28	07:00:00"	3.2193	215.18	32.271	73.575	0.0744	26.624	0
"2013-11-28	08:00:00"	3.0714	207.64	31.208	75.734	18.045	26.636	0
"2013-11-28	09:00:00"	6.2112	198.31	34.304	72.11	160.51	26.654	0
"2013-11-28	10:00:00"	8.8663	202.13	38.841	64.171	344.7	26.666	0
"2013-11-28	11:00:00"	6.8525	207.83	43.674	55.477	505.34	26.669	0
"2013-11-28	12:00:00"	6.1777	217.33	48.353	45.915	612.96	26.651	0
"2013-11-28	13:00:00"	6.5927	210.76	51.832	38.04	656.04	26.636	0
"2013-11-28	14:00:00"	6.9761	210.94	53.862	34.831	631.77	26.618	0
"2013-11-28	15:00:00"	6.5816	215.46	54.988	33.168	543.77	26.612	0
"2013-11-28	16:00:00"	6.1534	214.61	55.508	32.27	398.68	26.615	0
"2013-11-28	17:00:00"	4.6037	187.51	55.426	32.218	218.05	26.63	0
"2013-11-28	18:00:00"	3.9345	144.78	52.569	36.792	51.801	26.636	0
"2013-11-28	19:00:00"	3.0279	150.3	48.027	42.845	0.11362	26.654	0
"2013-11-28	20:00:00"	2.7508	114.92	46.214	46.115	0.06317	26.674	0
"2013-11-28	21:00:00"	5.7085	104.32	42.333	57.752	0.06847	26.686	0
"2013-11-28	22:00:00"	5.9273	132.55	40.449	70.315	0.0549	26.695	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-28	23:00:00"	5.8968	149.61	38.944	74.024	0.07886	26.704	0
"2013-11-29	00:00:00"	3.1771	147.59	36.902	77.853	0.05914	26.707	0
"2013-11-29	01:00:00"	2.3687	164.63	36.605	77.983	0.06826	26.695	0
"2013-11-29	02:00:00"	3.0509	106.6	34.919	80.378	0.07377	26.689	0
"2013-11-29	03:00:00"	2.7626	91.364	33.705	81.98	0.085	26.695	0
"2013-11-29	04:00:00"	3.8848	38.69	31.747	85.852	0.07271	26.704	0
"2013-11-29	05:00:00"	4.6087	35.769	29.404	87.964	0.0778	26.695	0
"2013-11-29	06:00:00"	4.9138	28.633	28.478	89.218	0.0814	26.707	0
"2013-11-29	07:00:00"	4.9324	26.07	28.942	89.193	0.07801	26.713	0
"2013-11-29	08:00:00"	5.2972	37.253	28.176	89.069	18.987	26.725	0
"2013-11-29	09:00:00"	4.7933	68.889	31.964	86.366	151.32	26.742	0
"2013-11-29	10:00:00"	5.0281	123.96	38.892	73.143	341.22	26.751	0
"2013-11-29	11:00:00"	5.657	167.36	44.256	61.553	500.95	26.742	0
"2013-11-29	12:00:00"	5.8086	154.71	49.165	51.691	613.15	26.731	0
"2013-11-29	13:00:00"	5.9726	187.66	53.345	44.899	642.81	26.701	0
"2013-11-29	14:00:00"	6.0633	195.92	56.943	39.642	619.39	26.683	0
"2013-11-29	15:00:00"	7.9467	177.96	59.176	36.228	539.18	26.663	0
"2013-11-29	16:00:00"	7.4509	181.28	59.818	35.822	373.45	26.657	0
"2013-11-29	17:00:00"	7.1725	182.74	59.279	36.303	189.79	26.651	0
"2013-11-29	18:00:00"	5.2431	168.78	55.39	41.342	39.73	26.642	0
"2013-11-29	19:00:00"	3.2697	151.85	49.15	52.143	0.05723	26.657	0
"2013-11-29	20:00:00"	3.6419	152.57	46.528	58.439	0.05872	26.669	0
"2013-11-29	21:00:00"	3.4262	143.54	45.042	62.474	0.07864	26.674	0
"2013-11-29	22:00:00"	3.3939	158.87	42.752	68.663	0.07271	26.68	0
"2013-11-29	23:00:00"	3.0578	213.89	40.554	74.93	0.07758	26.68	0
"2013-11-30	00:00:00"	4.7355	213.85	39.175	79.522	0.07334	26.672	0
"2013-11-30	00:00:00"	4.0265	227	38.3	81	0	26.672	0
"2013-11-30	01:00:00"	4.2328	221.23	38.169	82.66	0.07674	26.657	0
"2013-11-30	02:00:00"	3.8892	229.38	37.805	84.765	0.05384	26.645	0
"2013-11-30	03:00:00"	4.1259	228.56	37.014	88.906	0.06317	26.648	0
"2013-11-30	04:00:00"	3.9904	279.59	37.489	88.48	0.07144	26.651	0
"2013-11-30	05:00:00"	2.6502	277.31	37.923	88.808	0.06423	26.636	0
"2013-11-30	06:00:00"	2.1158	275.4	38.199	90.057	0.08204	26.633	0
"2013-11-30	07:00:00"	2.6949	270.4	37.817	91.121	0.08161	26.642	0
"2013-11-30	08:00:00"	2.2102	292.67	38.389	90.773	20.896	26.648	0
"2013-11-30	09:00:00"	3.5331	288.01	40.878	88.189	171.94	26.669	0
"2013-11-30	10:00:00"	4.8162	248.88	45.973	77.212	423.32	26.674	0
"2013-11-30	11:00:00"	3.8805	258.41	53.021	60.106	608.91	26.674	0
"2013-11-30	12:00:00"	3.6891	251.84	59.099	48.134	656.37	26.657	0
"2013-11-30	13:00:00"	3.6182	294.89	63.912	34.66	604.97	26.621	0
"2013-11-30	14:00:00"	4.0352	324.65	67.089	30.352	670.58	26.589	0
"2013-11-30	15:00:00"	3.6953	350.41	68.098	28.638	532.76	26.58	0
"2013-11-30	16:00:00"	4.9275	252.6	67.964	29.396	242.37	26.577	0
"2013-11-30	17:00:00"	5.6967	205.53	65.73	35.331	99.318	26.577	0
"2013-11-30	18:00:00"	3.3834	212.19	62.159	41.291	39.477	26.58	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-11-30	19:00:00"	1.4602	205.71	57.767	47.102	0.05469	26.583	0
"2013-11-30	20:00:00"	1.9872	228.81	53.95	55.9	0.08055	26.589	0
"2013-11-30	21:00:00"	2.0039	204.57	51.374	61.327	0.08988	26.595	0
"2013-11-30	22:00:00"	1.856	251.07	49.992	65.632	0.07674	26.601	0
"2013-11-30	23:00:00"	1.4062	188.93	49.066	68.47	0.08416	26.598	0
"2013-12-01	00:00:00"	1.2943	217.67	48.128	70.749	0.07504	26.598	0
"2013-12-01	01:00:00"	1.948	187.6	46.665	73.501	0.06677	26.586	0
"2013-12-01	02:00:00"	1.9611	217.35	46.199	73.839	0.06995	26.58	0
"2013-12-01	03:00:00"	1.7131	265.28	45.801	76.775	0.05321	26.562	0
"2013-12-01	04:00:00"	1.9983	241.46	45.161	79.647	0.07377	26.562	0
"2013-12-01	05:00:00"	3.2697	299.24	46.519	79.289	0.07186	26.55	0
"2013-12-01	06:00:00"	3.2467	294.42	46.819	80.078	0.06211	26.542	0
"2013-12-01	07:00:00"	2.8658	322.22	46.699	80.442	0.09454	26.556	0
"2013-12-01	08:00:00"	1.8927	10.75	46.691	77.695	2.0242	26.565	0
"2013-12-01	09:00:00"	3.105	328.89	49.193	72.1	33.638	26.58	0
"2013-12-01	10:00:00"	7.183	346.04	54.173	60.313	82.209	26.598	0
"2013-12-01	11:00:00"	4.285	334.32	55.999	52.172	75.471	26.601	0
"2013-12-01	12:00:00"	4.1824	331.44	56.662	46.876	73.98	26.577	0
"2013-12-01	13:00:00"	2.7241	266.67	55.382	55.902	96.722	26.553	0
"2013-12-01	14:00:00"	2.6042	257.85	55.981	56.132	107.6	26.518	0
"2013-12-01	15:00:00"	2.0779	267.44	56.276	56.722	99.163	26.503	0
"2013-12-01	16:00:00"	4.4695	217.87	57.615	52.525	145.05	26.506	0
"2013-12-01	17:00:00"	3.3417	226.57	57.046	53.921	81.171	26.497	0
"2013-12-01	18:00:00"	3.3741	222.36	55.09	59.128	18.415	26.491	0
"2013-12-01	19:00:00"	2.982	246.3	51.899	64.325	0.0797	26.494	0
"2013-12-01	20:00:00"	3.2373	245.72	49.841	68.503	0.05745	26.477	0
"2013-12-01	21:00:00"	2.3792	275.07	47.846	72.437	0.06253	26.485	0
"2013-12-01	22:00:00"	4.019	302.7	48.658	63.877	0.10133	26.485	0
"2013-12-01	23:00:00"	8.2909	313.04	48.636	64.139	0.07229	26.474	0
"2013-12-02	00:00:00"	9.8344	326.46	48.298	62.048	0.0619	26.456	0
"2013-12-02	01:00:00"	9.3237	322.55	47.753	62.436	0.05405	26.435	0
"2013-12-02	02:00:00"	8.9241	318.54	47.07	63.496	0.06275	26.415	0
"2013-12-02	03:00:00"	7.5975	297.72	44.734	67.936	0.10005	26.397	0
"2013-12-02	04:00:00"	3.1031	272.41	39.172	79.701	0.08585	26.382	0
"2013-12-02	05:00:00"	2.255	248.11	38.627	78.455	0.09306	26.361	0
"2013-12-02	06:00:00"	2.534	234.83	35.907	81.428	0.08734	26.347	0
"2013-12-02	07:00:00"	6.7872	285.7	40.302	64.041	0.06105	26.361	0
"2013-12-02	08:00:00"	6.3113	283.03	44.629	48.032	18.699	26.356	0
"2013-12-02	09:00:00"	3.6419	251.67	45.664	49.286	137.91	26.35	0
"2013-12-02	10:00:00"	11.858	287.55	55.351	31.853	307.78	26.356	0
"2013-12-02	11:00:00"	16.991	306.5	61.51	23.542	483.97	26.356	0
"2013-12-02	12:00:00"	17.113	308.62	65.388	21.743	594.19	26.338	0
"2013-12-02	13:00:00"	18.993	313.69	68.759	19.593	644.61	26.311	0
"2013-12-02	14:00:00"	17.835	315.35	71.344	18.216	622.78	26.279	0
"2013-12-02	15:00:00"	15.493	306.18	72.393	17.425	536.78	26.261	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-12-02	16:00:00"	14.445	291.36	72.697	17.416	389.65	26.255	0
"2013-12-02	17:00:00"	11.699	291.41	72.346	17.619	206.27	26.252	0
"2013-12-02	18:00:00"	7.6012	264.75	68.36	20.507	42.874	26.237	0
"2013-12-02	19:00:00"	5.2425	266.22	61.272	25.979	0.06677	26.237	0
"2013-12-02	20:00:00"	5.8247	279.36	57.9	28.82	0.08437	26.246	0
"2013-12-02	21:00:00"	5.6278	292.93	56.313	29.388	0.06995	26.246	0
"2013-12-02	22:00:00"	5.0586	281.07	53.299	32.636	0.08225	26.24	0
"2013-12-02	23:00:00"	6.4467	283.6	51.769	34.546	0.05257	26.237	0
"2013-12-03	00:00:00"	7.6112	289.84	52.094	33.486	0.06783	26.226	0
"2013-12-03	01:00:00"	7.2759	293.58	51.716	33.539	0.06447	26.205	0
"2013-12-03	02:00:00"	8.5302	287.71	51.663	33.347	0.07674	26.196	0
"2013-12-03	03:00:00"	5.3649	270.66	47.793	38.715	0.06932	26.193	0
"2013-12-03	04:00:00"	4.331	278.27	47.827	38.229	0.06805	26.19	0
"2013-12-03	05:00:00"	3.0864	283.07	45.402	43.071	0.05554	26.181	0
"2013-12-03	06:00:00"	3.4977	293.01	46.932	39.726	0.07419	26.175	0
"2013-12-03	07:00:00"	6.1466	299.93	49.154	35.401	0.07504	26.184	0
"2013-12-03	08:00:00"	8.3525	289.74	53.804	28.167	11.867	26.199	0
"2013-12-03	09:00:00"	5.642	255.89	54.666	28.033	76.576	26.211	0
"2013-12-03	10:00:00"	5.821	220.54	56.802	28.186	284.41	26.229	0
"2013-12-03	11:00:00"	13.126	247.57	66.011	18.729	511.86	26.229	0
"2013-12-03	12:00:00"	17.748	258.56	70.837	14.464	503.79	26.199	0
"2013-12-03	13:00:00"	16.473	267.85	70.065	14.383	413.02	26.169	0
"2013-12-03	14:00:00"	16.953	247.63	71.5	14.522	499.1	26.149	0
"2013-12-03	15:00:00"	16.474	243.96	71.851	13.75	466.3	26.143	0
"2013-12-03	16:00:00"	14.887	246.26	71.427	13.684	299.44	26.134	0
"2013-12-03	17:00:00"	10.204	233.15	69.943	14.347	138.15	26.128	0
"2013-12-03	18:00:00"	8.5246	224.77	64.822	18.484	19.125	26.128	0
"2013-12-03	19:00:00"	9.9643	222.65	60.273	22.169	0.07101	26.134	0
"2013-12-03	20:00:00"	10.437	226.92	59.214	22.602	0.07165	26.146	0
"2013-12-03	21:00:00"	9.6611	234.86	58.037	24.431	0.06147	26.164	0
"2013-12-03	22:00:00"	4.6479	255.97	54.424	29.216	0.07059	26.161	0
"2013-12-03	23:00:00"	4.5565	235.88	52.361	34.261	0.07737	26.155	0
"2013-12-04	00:00:00"	4.6336	249.29	52.113	38.184	0.06147	26.149	0
"2013-12-04	01:00:00"	2.8627	272.96	49.743	42.912	0.07419	26.152	0
"2013-12-04	02:00:00"	3.32	277.93	52.245	40.066	0.08161	26.158	0
"2013-12-04	03:00:00"	3.2634	260.56	50.482	42.717	0.06805	26.161	0
"2013-12-04	04:00:00"	2.9099	156.04	47.124	49.71	0.07313	26.164	0
"2013-12-04	05:00:00"	1.8244	207.38	47.516	51.206	0.06423	26.155	0
"2013-12-04	06:00:00"	2.1549	203.58	49.132	54.046	0.06868	26.155	0
"2013-12-04	07:00:00"	3.1392	208.62	47.229	63.479	0.07207	26.164	0
"2013-12-04	08:00:00"	4.8355	256.69	48.771	63.999	4.9391	26.181	0
"2013-12-04	09:00:00"	8.1188	250.48	53.01	59.549	148.41	26.202	0
"2013-12-04	10:00:00"	11.759	247.37	61.925	47.036	314.53	26.264	0.1
"2013-12-04	11:00:00"	13.008	241.94	66.606	40.482	475.17	26.27	0
"2013-12-04	12:00:00"	11.8	252.55	69.625	36.499	555.31	26.252	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-12-04	13:00:00"	14.605	250.95	70.619	34.772	454.37	26.223	0
"2013-12-04	14:00:00"	19.076	244.44	72.091	32.041	535.97	26.211	0
"2013-12-04	15:00:00"	18.269	243.14	72.373	29.399	469.91	26.205	0
"2013-12-04	16:00:00"	20.116	247.76	72.049	28.524	254.42	26.214	0
"2013-12-04	17:00:00"	14.303	244.06	71.898	28.02	148.69	26.211	0
"2013-12-04	18:00:00"	13.452	243.94	70.432	28.091	38.28	26.232	0
"2013-12-04	19:00:00"	9.9214	235.76	68.309	28.364	0.06359	26.255	0
"2013-12-04	20:00:00"	5.4165	267.13	65.213	30.692	0.06126	26.273	0
"2013-12-04	21:00:00"	3.9675	241.17	61.262	36.395	0.06635	26.282	0
"2013-12-04	22:00:00"	3.3057	212.08	58.732	40.717	0.06063	26.294	0
"2013-12-04	23:00:00"	5.4196	221.89	59.297	39.748	0.05639	26.305	0
"2013-12-05	00:00:00"	2.885	218.42	59.203	39.718	0.07864	26.326	0
"2013-12-05	01:00:00"	9.571	50.121	52.364	47.178	0.07504	26.37	0
"2013-12-05	02:00:00"	16.232	61.665	41.898	57.016	0.06359	26.385	0
"2013-12-05	03:00:00"	17.982	57.516	37.23	58.637	0.08225	26.412	0
"2013-12-05	04:00:00"	15.936	54.677	32.126	58.546	0.06465	26.444	0
"2013-12-05	05:00:00"	16.305	51.205	30.284	56.282	0.06253	26.447	0
"2013-12-05	06:00:00"	15.219	59.644	27.919	55.496	0.07462	26.441	0
"2013-12-05	07:00:00"	15.216	57.628	26.139	59.979	0.08034	26.453	0
"2013-12-05	08:00:00"	15.187	43.744	25.191	64.369	0.57065	26.509	0
"2013-12-05	09:00:00"	11.116	25.202	25.65	70.688	10.118	26.509	0
"2013-12-05	10:00:00"	12.709	38.354	23.117	75.477	29.059	26.527	0
"2013-12-05	11:00:00"	13.503	42.628	23.437	79.467	121.82	26.506	0
"2013-12-05	12:00:00"	12.134	32.535	23.994	80.139	301.16	26.521	0
"2013-12-05	13:00:00"	7.9299	61.224	24.273	80.72	140.67	26.497	0
"2013-12-05	14:00:00"	8.0449	53.833	24.346	81.771	111.44	26.465	0
"2013-12-05	15:00:00"	9.0851	42.776	24.594	83.295	112.51	26.444	0
"2013-12-05	16:00:00"	10.205	47.533	24.921	82.954	87.367	26.429	0
"2013-12-05	17:00:00"	9.2224	66.178	24.822	82.909	38.69	26.432	0
"2013-12-05	18:00:00"	7.1464	44.877	24.376	83.018	6.155	26.447	0
"2013-12-05	19:00:00"	8.2897	35.736	24.111	83.798	0.09327	26.459	0
"2013-12-05	20:00:00"	9.6598	34.704	23.976	84.921	0.07292	26.474	0
"2013-12-05	21:00:00"	8.3618	58.034	23.419	84.5	0.08161	26.483	0
"2013-12-05	22:00:00"	8.6209	41.193	22.912	84.642	0.06953	26.488	0
"2013-12-05	23:00:00"	10.829	15.251	22.443	84.591	0.06889	26.515	0
"2013-12-06	00:00:00"	7.2707	30.015	21.957	84.718	0.08564	26.512	0
"2013-12-06	01:00:00"	9.8413	24.691	21.707	84.151	0.08691	26.497	0
"2013-12-06	02:00:00"	8.4084	55.343	21.505	83.566	0.05893	26.503	0
"2013-12-06	03:00:00"	8.089	49.323	21.556	82.972	0.08606	26.509	0
"2013-12-06	04:00:00"	7.4409	48.194	21.449	82.948	0.0708	26.518	0
"2013-12-06	05:00:00"	7.5347	39.838	21.634	81.809	0.07017	26.542	0
"2013-12-06	06:00:00"	7.9467	53.102	21.739	82.233	0.05957	26.553	0
"2013-12-06	07:00:00"	8.4196	51.282	21.785	82.946	0.07568	26.565	0
"2013-12-06	08:00:00"	9.3237	58.877	21.556	82.707	1.3768	26.601	0
"2013-12-06	09:00:00"	9.2491	60.573	21.148	85.29	23.22	26.63	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2013-12-06	10:00:00"	9.2323	53.699	20.887	85.191	76.912	26.648	0
"2013-12-06	11:00:00"	8.821	60.298	21.118	85.451	130.99	26.669	0
"2013-12-06	12:00:00"	7.997	56.301	21.661	82.749	194.97	26.674	0
"2013-12-06	13:00:00"	7.8342	55.639	22.504	82.171	194.08	26.651	0
"2013-12-06	14:00:00"	9.0217	62.2	23.333	79.323	198.47	26.645	0
"2013-12-06	15:00:00"	8.1064	66.488	24.127	77.198	224.71	26.633	0
"2013-12-06	16:00:00"	7.9952	63.113	25.114	74.774	186.17	26.639	0
"2013-12-06	17:00:00"	8.1107	69.025	25.419	72.89	78.437	26.648	0
"2013-12-06	18:00:00"	7.8833	78.515	25.259	73.33	13.077	26.674	0
"2013-12-06	19:00:00"	6.8351	83.038	25.147	74.202	0.08628	26.686	0
"2013-12-06	20:00:00"	7.2607	79.328	24.964	75.534	0.0973	26.698	0
"2013-12-06	21:00:00"	7.142	87.445	24.75	76.436	0.08416	26.707	0
"2013-12-06	22:00:00"	8.0505	86.939	24.09	77.323	0.12019	26.716	0
"2013-12-06	23:00:00"	9.0683	99.279	23.042	78.361	0.09539	26.739	0
"2013-12-07	00:00:00"	8.716	97.335	21.388	79.388	0.09836	26.736	0
"2014-02-11	03:00:00"	9.7748	2.3788	23.243	80.498	0.08437	26.589	0
"2014-02-11	04:00:00"	9.4455	6.1849	22.872	81.911	0.10154	26.586	0
"2014-02-11	05:00:00"	10.164	64.814	22.943	81.132	0.09518	26.589	0
"2014-02-11	06:00:00"	7.7907	44.101	22.622	79.18	0.07674	26.592	0
"2014-02-11	07:00:00"	8.8862	26.991	22.166	79.174	0.08437	26.598	0
"2014-02-11	08:00:00"	8.478	25.538	21.904	77.333	1.285	26.612	0
"2014-02-11	09:00:00"	9.1584	20.449	22.425	77.867	40.556	26.633	0
"2014-02-11	10:00:00"	10.074	16.306	23.458	74.279	72.689	26.651	0
"2014-02-11	11:00:00"	9.7934	22.681	24.52	69.433	132.66	26.657	0
"2014-02-11	12:00:00"	8.547	22.892	25.865	65.156	259.54	26.651	0
"2014-02-11	13:00:00"	8.437	11.571	27.639	58.617	395.34	26.618	0
"2014-02-11	14:00:00"	6.5399	350.93	29.244	55.104	522.16	26.577	0
"2014-02-11	15:00:00"	6.6797	325.58	31.329	51.74	535.43	26.556	0
"2014-02-11	16:00:00"	7.2346	318.29	32.647	52.065	503.05	26.545	0
"2014-02-11	17:00:00"	7.915	301.37	33.529	53.285	355.71	26.542	0
"2014-02-11	18:00:00"	4.2676	284.23	34.604	53.288	164.84	26.521	0
"2014-02-11	19:00:00"	1.4055	104.67	33.287	55.946	22.457	26.515	0
"2014-02-11	20:00:00"	3.0224	134.52	29.869	61.846	0.0672	26.521	0
"2014-02-11	21:00:00"	3.3094	191.95	26.896	68.643	0.08416	26.539	0
"2014-02-11	22:00:00"	1.6348	243.07	25.443	73.575	0.08712	26.553	0
"2014-02-11	23:00:00"	1.6684	188.33	24.633	77.521	0.08755	26.539	0
"2014-02-12	00:00:00"	2.15	201.18	23.285	80.994	0.09603	26.518	0
"2014-02-12	01:00:00"	1.884	204.47	21.998	83.651	0.09221	26.509	0
"2014-02-12	02:00:00"	2.0356	236.66	22.129	84.993	0.08225	26.506	0
"2014-02-12	03:00:00"	2.9006	228.98	21.502	85.957	0.09391	26.5	0
"2014-02-12	04:00:00"	3.4169	244.47	21.429	86.894	0.08458	26.488	0
"2014-02-12	05:00:00"	5.1133	239.91	20.539	87.364	0.05533	26.488	0
"2014-02-12	06:00:00"	7.3856	245.93	21.451	87.255	0.08076	26.503	0
"2014-02-12	07:00:00"	6.3529	276.83	25.37	82.594	0.07398	26.53	0
"2014-02-12	08:00:00"	9.3535	310.75	27.348	81.164	9.4064	26.542	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-12	09:00:00"	9.4336	324.46	33.682	68.226	148.64	26.574	0
"2014-02-12	10:00:00"	16.182	1.3396	44.001	43.444	347.07	26.607	0
"2014-02-12	11:00:00"	20.884	23.409	48.135	35.55	536.08	26.615	0
"2014-02-12	12:00:00"	18.488	30.041	51.687	30.734	680.89	26.607	0
"2014-02-12	13:00:00"	14.44	36.508	54.46	26.332	786.24	26.586	0
"2014-02-12	14:00:00"	10.518	34.525	56.229	22.977	798.29	26.565	0
"2014-02-12	15:00:00"	6.6822	42.905	57.218	21.211	733.9	26.533	0
"2014-02-12	16:00:00"	4.0327	23.822	58.5	18.745	602.98	26.506	0
"2014-02-12	17:00:00"	2.6905	285.14	59.859	17.979	426.5	26.503	0
"2014-02-12	18:00:00"	5.3891	218.99	58.77	18.686	206.91	26.488	0
"2014-02-12	19:00:00"	2.8372	184.42	54.041	21.802	19.356	26.485	0
"2014-02-12	20:00:00"	4.9318	162.34	48.552	26.029	0.06614	26.483	0
"2014-02-12	21:00:00"	6.3305	175.52	45.134	29.263	0.08246	26.468	0
"2014-02-12	22:00:00"	4.7777	205.5	43.965	31.323	0.05935	26.462	0
"2014-02-12	23:00:00"	4.2713	214.12	41.124	34.929	0.07271	26.438	0
"2014-02-13	00:00:00"	3.9786	214.16	39.316	37.995	0.0708	26.426	0
"2014-02-13	01:00:00"	3.5027	200.49	38.338	39.682	0.08946	26.412	0
"2014-02-13	02:00:00"	3.215	187.83	36.89	41.767	0.0672	26.403	0
"2014-02-13	03:00:00"	4.5217	210.98	36.861	42.894	0.08225	26.385	0
"2014-02-13	04:00:00"	4.2284	231.53	37.061	43.446	0.0831	26.373	0
"2014-02-13	05:00:00"	4.2135	227.64	35.32	46.173	0.06423	26.361	0
"2014-02-13	06:00:00"	3.6847	248.77	37.168	42.844	0.08225	26.364	0
"2014-02-13	07:00:00"	3.0665	261.6	37.129	42.787	0.08119	26.373	0
"2014-02-13	08:00:00"	3.3349	258.79	37.015	43.274	11.255	26.382	0
"2014-02-13	09:00:00"	2.813	276.6	40.493	39.845	182.18	26.403	0
"2014-02-13	10:00:00"	8.2369	309.32	51.222	29.11	293.4	26.42	0
"2014-02-13	11:00:00"	16.691	1.8081	60.272	23.276	556.26	26.42	0
"2014-02-13	12:00:00"	16.882	24.21	65.909	19.209	707.11	26.423	0
"2014-02-13	13:00:00"	13.197	24.652	67.429	18.861	788.76	26.418	0
"2014-02-13	14:00:00"	10.093	0.6056	69.069	18.227	797.28	26.382	0
"2014-02-13	15:00:00"	6.4511	7.9831	70.546	17.222	734.37	26.364	0
"2014-02-13	16:00:00"	5.5669	353.08	71.708	16.676	604.64	26.358	0
"2014-02-13	17:00:00"	5.0107	321.29	72.956	16.071	425.69	26.344	0
"2014-02-13	18:00:00"	2.6191	281.64	72.974	16.103	215.64	26.335	0
"2014-02-13	19:00:00"	1.5429	197.31	69.538	17.973	37.919	26.341	0
"2014-02-13	20:00:00"	1.6715	179.98	60.827	23.429	0.08225	26.347	0
"2014-02-13	21:00:00"	2.168	236.22	57.465	26.423	0.05639	26.35	0
"2014-02-13	22:00:00"	1.203	252.16	53.494	30.349	0.07504	26.347	0
"2014-02-13	23:00:00"	2.872	259.75	53.059	31.593	0.06126	26.341	0
"2014-02-14	00:00:00"	2.4998	200.63	49.407	34.96	0.08924	26.323	0
"2014-02-14	01:00:00"	2.4762	243.45	50.837	32.807	0.08352	26.32	0
"2014-02-14	02:00:00"	3.2945	225.63	49.035	34.847	0.07928	26.332	0
"2014-02-14	03:00:00"	10.017	292.13	53.454	30.422	0.07229	26.338	0
"2014-02-14	04:00:00"	9.7742	299.72	53.234	30.375	0.08437	26.344	0
"2014-02-14	05:00:00"	8.7122	292.42	51.736	31.424	0.06614	26.347	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-14	06:00:00"	10.709	299.86	53.909	28.099	0.05893	26.367	0
"2014-02-14	07:00:00"	7.5646	294.08	50.419	31.932	0.06762	26.391	0
"2014-02-14	08:00:00"	5.7607	289.52	48.004	34.502	14.659	26.406	0
"2014-02-14	09:00:00"	9.9885	312.43	54.324	26.814	164.65	26.429	0
"2014-02-14	10:00:00"	9.3759	303.97	61.057	21.952	368.89	26.45	0
"2014-02-14	11:00:00"	17.185	313.22	71.415	16.397	565.23	26.459	0
"2014-02-14	12:00:00"	21.364	318.97	73.768	15.662	710.36	26.471	0
"2014-02-14	13:00:00"	18.547	324.17	74.777	14.901	789.7	26.462	0
"2014-02-14	14:00:00"	16.233	4.2929	73.851	15.419	790.67	26.447	0
"2014-02-14	15:00:00"	16.766	61.904	70.737	17.368	734.4	26.447	0
"2014-02-14	16:00:00"	15.562	64.729	69.406	18.851	619.72	26.465	0
"2014-02-14	17:00:00"	15.841	67.793	67.544	20.676	426.98	26.462	0
"2014-02-14	18:00:00"	16.087	76.545	64.563	23.255	236.93	26.468	0
"2014-02-14	19:00:00"	14.151	83.49	60.132	27.658	46.918	26.477	0
"2014-02-14	20:00:00"	8.7253	85.087	55.327	32.612	0.07589	26.491	0
"2014-02-14	21:00:00"	7.5285	84.141	51.371	37.487	0.06974	26.515	0
"2014-02-14	22:00:00"	7.1861	92.209	49.127	40.394	0.07017	26.518	0
"2014-02-14	23:00:00"	7.0097	98.782	46.899	42.382	0.06529	26.533	0
"2014-02-15	00:00:00"	4.779	109.5	44.373	45.438	0.11087	26.53	0
"2014-02-15	01:00:00"	2.9422	128.51	42.217	48.764	0.06995	26.521	0
"2014-02-15	02:00:00"	2.3923	160.53	42.246	48.616	0.07737	26.515	0
"2014-02-15	03:00:00"	2.1885	155.36	42.321	47.761	0.06932	26.506	0
"2014-02-15	04:00:00"	2.2531	126.24	43.192	45.153	0.07483	26.491	0
"2014-02-15	05:00:00"	2.5451	119.3	42.057	46.107	0.08818	26.477	0
"2014-02-15	06:00:00"	0.92149	206.88	41.75	46.046	0.09242	26.474	0
"2014-02-15	07:00:00"	3.1671	246.34	42.185	45.684	0.07801	26.477	0
"2014-02-15	08:00:00"	3.1771	238.61	39.614	51.605	9.0869	26.48	0
"2014-02-15	09:00:00"	4.3397	248.03	40.705	50.694	109.66	26.488	0
"2014-02-15	10:00:00"	7.4707	239.25	48.304	40.063	359.86	26.494	0
"2014-02-15	11:00:00"	7.7628	242.7	57.179	31.206	581.98	26.503	0
"2014-02-15	12:00:00"	9.6412	280.51	70.907	19.351	704.92	26.491	0
"2014-02-15	13:00:00"	12.652	292.85	77.082	14.441	737.03	26.468	0
"2014-02-15	14:00:00"	12.917	306.37	80.327	11.579	749.34	26.438	0
"2014-02-15	15:00:00"	11.894	311.78	82.823	9.0128	730.51	26.426	0
"2014-02-15	16:00:00"	8.7514	292.34	83.507	8.5267	619.2	26.426	0
"2014-02-15	17:00:00"	8.2748	249.02	83.354	8.4686	439.03	26.42	0
"2014-02-15	18:00:00"	7.385	234.12	82.355	9.2056	223.93	26.418	0
"2014-02-15	19:00:00"	3.5213	210.24	76.861	11.028	41.248	26.426	0
"2014-02-15	20:00:00"	3.4045	163.17	67.139	15.795	0.06995	26.432	0
"2014-02-15	21:00:00"	2.2556	168.57	63.295	18.598	0.07419	26.441	0
"2014-02-15	22:00:00"	2.7471	157.84	61.765	19.776	0.07674	26.45	0
"2014-02-15	23:00:00"	4.1439	228.77	59.288	22.238	0.06932	26.444	0
"2014-02-16	00:00:00"	3.2075	219.55	58.133	23.312	0.06677	26.438	0
"2014-02-16	01:00:00"	5.6178	182.29	55.455	27.186	0.06402	26.426	0
"2014-02-16	02:00:00"	3.6033	218.08	52.581	32.578	0.06995	26.429	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-16	03:00:00"	4.8299	255.22	49.799	37.914	0.07271	26.435	0
"2014-02-16	04:00:00"	4.4919	307.32	50.669	36.274	0.06995	26.423	0
"2014-02-16	05:00:00"	8.0592	1.3692	45.327	43.67	0.0814	26.435	0
"2014-02-16	06:00:00"	10.626	0.36314	43.005	57.866	0.06508	26.435	0
"2014-02-16	07:00:00"	11.227	5.5794	41.263	61.005	0.07631	26.438	0
"2014-02-16	08:00:00"	11.528	0.18292	40.482	61.874	24.352	26.45	0
"2014-02-16	09:00:00"	11.131	3.0711	42.205	58.533	120.81	26.471	0
"2014-02-16	10:00:00"	11.731	6.5005	45.626	54.226	250.01	26.48	0
"2014-02-16	11:00:00"	8.3531	356.65	52.912	43.11	546.88	26.483	0
"2014-02-16	12:00:00"	5.332	301.2	61.139	31.337	687.06	26.477	0
"2014-02-16	13:00:00"	6.2628	278.46	66.197	25.61	812.59	26.447	0
"2014-02-16	14:00:00"	9.6754	238.95	73.161	18.618	815.2	26.415	0
"2014-02-16	15:00:00"	11.032	240.6	77.5	13.996	764.53	26.385	0
"2014-02-16	16:00:00"	11.17	245.61	80.328	10.531	637.38	26.373	0
"2014-02-16	17:00:00"	10.228	253.31	80.973	8.86	419.73	26.367	0
"2014-02-16	18:00:00"	8.9192	243.91	79.614	8.7089	157.44	26.373	0
"2014-02-16	19:00:00"	2.9105	202.8	72.848	10.467	21.874	26.379	0
"2014-02-16	20:00:00"	5.7334	185.73	66.732	14.867	0.06465	26.394	0
"2014-02-16	21:00:00"	3.2665	226.41	62.852	21.015	0.06147	26.412	0
"2014-02-16	22:00:00"	3.7475	213.54	61.55	22.709	0.07886	26.42	0
"2014-02-16	23:00:00"	3.5487	200.03	59.555	25.498	0.07398	26.415	0
"2014-02-17	00:00:00"	1.8983	178.42	56.087	28.858	0.0761	26.418	0
"2014-02-17	01:00:00"	2.0033	229.64	54.893	29.364	0.07525	26.42	0
"2014-02-17	02:00:00"	2.4519	193.14	54.188	27.261	0.07271	26.429	0
"2014-02-17	03:00:00"	7.6286	289.6	56.233	21.752	0.06041	26.435	0
"2014-02-17	04:00:00"	10.686	310.85	57.899	18.407	0.05405	26.453	0
"2014-02-17	05:00:00"	7.0569	304.76	55.505	19.941	0.07398	26.462	0
"2014-02-17	06:00:00"	3.5114	201.74	52.361	23.354	0.07229	26.483	0
"2014-02-17	07:00:00"	9.6089	335.47	58.057	20.505	0.07483	26.506	0
"2014-02-17	08:00:00"	7.4838	346.58	57.614	21.948	4.8662	26.533	0
"2014-02-17	09:00:00"	5.2201	339.46	58.501	22.111	65.022	26.577	0
"2014-02-17	10:00:00"	7.3539	27.948	58.933	22.959	168.57	26.621	0
"2014-02-17	11:00:00"	19.029	58.953	61.952	21.189	596.9	26.636	0
"2014-02-17	12:00:00"	18.513	72.834	63.396	21.631	748.96	26.639	0
"2014-02-17	13:00:00"	15.347	77.211	64.925	20.856	864.53	26.63	0
"2014-02-17	14:00:00"	13.207	88.134	66.061	20.249	788.72	26.607	0
"2014-02-17	15:00:00"	12.411	91.406	65.86	19.532	646.88	26.589	0
"2014-02-17	16:00:00"	12.021	108.03	64.664	19.124	348.65	26.589	0
"2014-02-17	17:00:00"	11.817	106.96	63.594	19.314	277.62	26.58	0
"2014-02-17	18:00:00"	10.178	100.65	62.237	18.693	129.63	26.583	0
"2014-02-17	19:00:00"	6.6797	89.678	59.245	20.284	17.911	26.589	0
"2014-02-17	20:00:00"	5.3606	80.045	53.484	24.132	0.07674	26.586	0
"2014-02-17	21:00:00"	6.7885	86.631	51.772	23.667	0.07017	26.586	0
"2014-02-17	22:00:00"	8.1157	91.716	50.809	22.053	0.06211	26.577	0
"2014-02-17	23:00:00"	8.6489	105.15	50.189	22.644	0.07843	26.565	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-18	00:00:00"	8.688	111.98	49.666	23.558	0.08458	26.547	0
"2014-02-18	01:00:00"	6.5132	110.82	47.768	25.701	0.07589	26.53	0
"2014-02-18	02:00:00"	5.7352	121.57	46.995	26.931	0.07546	26.521	0
"2014-02-18	03:00:00"	5.2245	146.12	46.585	28.318	0.06084	26.5	0
"2014-02-18	04:00:00"	7.0923	159.14	47.387	28.852	0.07271	26.471	0
"2014-02-18	05:00:00"	5.693	166.76	45.64	31.409	0.0761	26.447	0
"2014-02-18	06:00:00"	3.348	183.42	44.288	33.783	0.092	26.435	0
"2014-02-18	07:00:00"	4.298	220.73	43.359	35.293	0.08649	26.429	0
"2014-02-18	08:00:00"	4.4739	229.59	41.691	38.238	15.118	26.438	0
"2014-02-18	09:00:00"	5.8539	215.94	45.714	40.921	167.77	26.444	0
"2014-02-18	10:00:00"	11.153	200.66	55.091	39.755	392.59	26.459	0
"2014-02-18	11:00:00"	9.9823	216.11	60.977	27.791	543.27	26.459	0
"2014-02-18	12:00:00"	9.6449	231.66	67.369	20.236	737.04	26.447	0
"2014-02-18	13:00:00"	11.652	247.52	75.709	14.042	817.48	26.42	0
"2014-02-18	14:00:00"	13.769	278.5	78.759	11.265	825.69	26.397	0
"2014-02-18	15:00:00"	13.205	303.89	78.653	10.85	762.26	26.382	0
"2014-02-18	16:00:00"	10.17	302.46	79.114	10.456	633.52	26.37	0
"2014-02-18	17:00:00"	9.1366	296.51	79.214	10.143	443.38	26.361	0
"2014-02-18	18:00:00"	7.1159	304.72	77.69	10.346	185.89	26.361	0
"2014-02-18	19:00:00"	3.9563	337.75	73.098	11.974	27.697	26.37	0
"2014-02-18	20:00:00"	4.7019	351.85	67.834	14.048	0.06614	26.379	0
"2014-02-18	21:00:00"	4.4378	346.06	62.924	16.345	0.07483	26.385	0
"2014-02-18	22:00:00"	2.739	355.97	60.282	17.889	0.09306	26.4	0
"2014-02-18	23:00:00"	3.4523	341.86	59.038	19.018	0.07589	26.394	0
"2014-02-19	00:00:00"	5.5327	357.56	57.491	19.696	0.08182	26.391	0
"2014-02-19	01:00:00"	4.8622	354.38	57.476	19.183	0.05893	26.376	0
"2014-02-19	02:00:00"	4.779	351.28	54.921	19.843	0.05469	26.367	0
"2014-02-19	03:00:00"	6.1273	21.422	52.883	20.9	0.06126	26.341	0
"2014-02-19	04:00:00"	4.5696	122.26	49.274	24.31	0.06762	26.344	0
"2014-02-19	05:00:00"	3.2262	261.56	45.363	31.249	0.10408	26.329	0
"2014-02-19	06:00:00"	3.1876	319.11	49.187	26.97	0.0708	26.314	0
"2014-02-19	07:00:00"	5.2736	328.63	48.808	27.744	0.08013	26.314	0
"2014-02-19	08:00:00"	4.7292	55.255	42.308	35.754	10.862	26.326	0
"2014-02-19	09:00:00"	4.7864	41.176	48.451	29.907	182.29	26.332	0
"2014-02-19	10:00:00"	4.2496	165.66	59.329	20.034	392.95	26.323	0
"2014-02-19	11:00:00"	8.6321	233.1	66.178	16.883	592.13	26.314	0
"2014-02-19	12:00:00"	13.248	218.82	73.965	12.515	721.25	26.291	0
"2014-02-19	13:00:00"	16.446	230.33	76.916	11.05	825.79	26.264	0
"2014-02-19	14:00:00"	16.514	240.28	77.517	10.499	684.83	26.229	0
"2014-02-19	15:00:00"	16.058	254.26	77.986	10.207	630.51	26.196	0
"2014-02-19	16:00:00"	18.877	247.9	78.182	9.6958	540.5	26.181	0
"2014-02-19	17:00:00"	19.93	233.95	78.313	8.9853	390.91	26.161	0
"2014-02-19	18:00:00"	13.812	251.4	76.062	8.9447	113.01	26.167	0
"2014-02-19	19:00:00"	5.7601	248.93	71.457	10.813	16.192	26.172	0
"2014-02-19	20:00:00"	2.5507	158.81	65.665	12.656	0.06211	26.161	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-19	21:00:00"	8.8626	223.28	66.424	12.485	0.04833	26.161	0
"2014-02-19	22:00:00"	8.2139	218.29	65.067	13.279	0.05893	26.158	0
"2014-02-19	23:00:00"	9.6915	211.25	64.18	13.692	0.07334	26.152	0
"2014-02-20	00:00:00"	7.4844	214.13	62.672	14.442	0.0655	26.146	0
"2014-02-20	01:00:00"	7.3632	224.83	60.916	15.27	0.0513	26.158	0
"2014-02-20	02:00:00"	4.1284	212	54.659	18.881	0.06529	26.172	0
"2014-02-20	03:00:00"	4.8231	200.94	52.552	19.852	0.07928	26.181	0
"2014-02-20	04:00:00"	4.1793	249.36	53.914	18.9	0.06317	26.19	0
"2014-02-20	05:00:00"	4.5515	273.34	56.135	17.324	0.07144	26.22	0
"2014-02-20	06:00:00"	5.0691	263.64	56.096	17.586	0.07992	26.249	0
"2014-02-20	07:00:00"	9.2702	333.99	54.011	20.698	0.07716	26.302	0
"2014-02-20	08:00:00"	9.5554	334.78	48.553	28.269	14.354	26.344	0
"2014-02-20	09:00:00"	11.943	336.96	50.642	27.513	175.82	26.382	0
"2014-02-20	10:00:00"	21.856	345.02	54.013	24.277	395.59	26.42	0
"2014-02-20	11:00:00"	23.923	340.42	56.142	20.003	593.86	26.453	0
"2014-02-20	12:00:00"	26.175	333.96	58.295	14.808	746.66	26.471	0
"2014-02-20	13:00:00"	25.395	334.3	58.922	11.583	830.31	26.468	0
"2014-02-20	14:00:00"	26.108	342.18	58.84	9.6253	837.77	26.453	0
"2014-02-20	15:00:00"	23.823	340.59	59.338	8.9431	779.01	26.447	0
"2014-02-20	16:00:00"	22.281	337.32	60.878	7.2122	643.6	26.456	0
"2014-02-20	17:00:00"	19.706	335.84	61.38	5.9664	449.81	26.465	0
"2014-02-20	18:00:00"	16.1	333.4	60.129	5.4761	219.04	26.48	0
"2014-02-20	19:00:00"	8.3146	337.59	56.15	6.0731	34.558	26.491	0
"2014-02-20	20:00:00"	5.2195	356.05	50	7.9783	0.08267	26.509	0
"2014-02-20	21:00:00"	4.8809	348.03	48.654	8.5478	0.05766	26.527	0
"2014-02-20	22:00:00"	5.6178	345.86	46.12	9.4167	0.06783	26.539	0
"2014-02-20	23:00:00"	2.9205	336.16	44.018	10.536	0.08543	26.55	0
"2014-02-21	00:00:00"	4.7852	342.91	39.831	13.19	0.06105	26.536	0
"2014-02-21	01:00:00"	5.6961	344.52	38.479	13.784	0.09115	26.524	0
"2014-02-21	02:00:00"	5.4786	354.28	37.572	14.481	0.06041	26.512	0
"2014-02-21	03:00:00"	5.3481	354.98	38.186	14.012	0.06911	26.506	0
"2014-02-21	04:00:00"	2.3681	9.9431	35.736	16.309	0.07207	26.497	0
"2014-02-21	05:00:00"	2.6129	86.097	33.292	17.303	0.07334	26.503	0
"2014-02-21	06:00:00"	1.1812	332.74	34.217	16.177	0.08267	26.506	0
"2014-02-21	07:00:00"	1.2309	282.22	32.321	20.361	0.08225	26.506	0
"2014-02-21	08:00:00"	1.4615	339.34	32.531	20.314	16.489	26.497	0
"2014-02-21	09:00:00"	3.5704	170.51	37.319	21.963	153.47	26.509	0
"2014-02-21	10:00:00"	7.0072	190.86	44.061	23.218	268.89	26.509	0
"2014-02-21	11:00:00"	9.9444	181.65	49.136	21.852	358.59	26.5	0
"2014-02-21	12:00:00"	11.316	182.3	53.911	21.501	452.05	26.48	0
"2014-02-21	13:00:00"	12.303	184.2	56.937	21.114	498.52	26.45	0
"2014-02-21	14:00:00"	10.431	190.05	60.464	17.388	822.59	26.42	0
"2014-02-21	15:00:00"	8.8117	218.64	63.016	13.667	500.96	26.397	0
"2014-02-21	16:00:00"	3.9805	225.54	63.42	12.745	334.49	26.376	0
"2014-02-21	17:00:00"	2.3488	80.608	66.247	10.66	446.93	26.361	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-21	18:00:00"	2.7651	60.374	66.341	10.369	155.3	26.353	0
"2014-02-21	19:00:00"	5.3587	53.514	61.544	13.003	15.17	26.353	0
"2014-02-21	20:00:00"	6.082	53.025	56.274	16.563	0.07589	26.361	0
"2014-02-21	21:00:00"	5.8061	91.047	55.095	18.015	0.07334	26.373	0
"2014-02-21	22:00:00"	5.0474	78.704	54.584	21.192	0.07398	26.379	0
"2014-02-21	23:00:00"	5.5582	50.095	50.539	25.197	0.08543	26.373	0
"2014-02-22	00:00:00"	4.9293	47.977	48.59	29.202	0.07292	26.364	0
"2014-02-22	01:00:00"	3.2926	68.657	48.662	32.749	0.06635	26.358	0
"2014-02-22	02:00:00"	2.2848	113.95	46.24	36.696	0.07631	26.353	0
"2014-02-22	03:00:00"	3.9855	43.253	41.197	40.299	0.06296	26.338	0
"2014-02-22	04:00:00"	3.0944	203.01	41.606	41.995	0.07843	26.335	0
"2014-02-22	05:00:00"	2.9292	247.79	42.417	42.158	0.07992	26.341	0
"2014-02-22	06:00:00"	3.7195	267.5	42.052	42.298	0.06444	26.356	0
"2014-02-22	07:00:00"	6.758	284.97	40.296	46.604	0.08288	26.361	0
"2014-02-22	08:00:00"	3.1466	300.69	41.053	44.918	14.061	26.367	0
"2014-02-22	09:00:00"	3.2479	301.4	45.045	37.324	191.91	26.388	0
"2014-02-22	10:00:00"	4.9654	279.76	53.739	22.71	434.07	26.4	0
"2014-02-22	11:00:00"	5.99	297.09	60.301	17.207	614.46	26.403	0
"2014-02-22	12:00:00"	6.392	295.19	65.867	12.249	743.32	26.385	0
"2014-02-22	13:00:00"	6.7276	299.45	69.649	9.9472	780.78	26.356	0
"2014-02-22	14:00:00"	11.165	270.68	73.258	7.405	821.85	26.323	0
"2014-02-22	15:00:00"	12.293	261.73	75.027	6.9992	763.71	26.294	0
"2014-02-22	16:00:00"	13.664	248.88	76.01	6.3647	552.13	26.282	0
"2014-02-22	17:00:00"	14.771	234.72	75.765	5.3789	383.05	26.27	0
"2014-02-22	18:00:00"	13.208	219.36	74.393	6.1886	185.35	26.273	0
"2014-02-22	19:00:00"	6.5511	216.32	68.685	7.5933	29.488	26.288	0
"2014-02-22	20:00:00"	6.3106	217.39	63.721	9.1742	0.07207	26.302	0
"2014-02-22	21:00:00"	3.7239	232.83	58.687	10.805	0.06699	26.32	0
"2014-02-22	22:00:00"	2.7403	242.81	56.405	11.781	0.05342	26.338	0
"2014-02-22	23:00:00"	3.7475	271.4	54.839	12.804	0.07843	26.347	0
"2014-02-23	00:00:00"	7.0296	313.82	56.114	12.391	0.06911	26.347	0
"2014-02-23	01:00:00"	4.3111	303.24	54.962	13.296	0.07525	26.341	0
"2014-02-23	02:00:00"	2.4321	292.87	52.205	15.111	0.07123	26.347	0
"2014-02-23	03:00:00"	2.7048	266.11	49.079	18.146	0.06635	26.35	0
"2014-02-23	04:00:00"	3.612	296.1	49.118	18.106	0.05851	26.361	0
"2014-02-23	05:00:00"	7.654	351.83	51.504	16.361	0.07907	26.382	0
"2014-02-23	06:00:00"	2.3376	89.587	50.809	22.582	0.06677	26.4	0
"2014-02-23	07:00:00"	3.7842	328.35	47.491	23.454	0.06571	26.42	0
"2014-02-23	08:00:00"	7.0662	3.7863	45.706	24.175	21.498	26.444	0
"2014-02-23	09:00:00"	7.3434	5.4915	55.113	20.144	204.04	26.468	0
"2014-02-23	10:00:00"	7.1799	359.88	63.13	15.609	438.94	26.491	0
"2014-02-23	11:00:00"	5.9217	353.07	68.541	12.672	654.79	26.497	0
"2014-02-23	12:00:00"	5.9968	39.38	70.454	11.725	758.92	26.497	0
"2014-02-23	13:00:00"	4.7131	18.993	72.417	11	788.55	26.483	0
"2014-02-23	14:00:00"	4.5627	276.71	74.089	10.16	791.57	26.462	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-23	15:00:00"	5.5936	252.67	74.772	9.8942	738.35	26.444	0
"2014-02-23	16:00:00"	5.4556	264.62	74.794	9.8236	519.39	26.435	0
"2014-02-23	17:00:00"	4.0457	221.25	74.42	9.9783	352.82	26.432	0
"2014-02-23	18:00:00"	5.0548	205	73.724	10.286	159.06	26.438	0
"2014-02-23	19:00:00"	8.6656	121.4	68.169	14.677	25.073	26.462	0
"2014-02-23	20:00:00"	11.997	88.463	58.534	24.914	0.05957	26.48	0
"2014-02-23	21:00:00"	10.657	70.636	52.595	31.693	0.06296	26.491	0
"2014-02-23	22:00:00"	10.964	74.038	48.691	38.071	0.07165	26.494	0
"2014-02-23	23:00:00"	8.7184	68.904	45.977	43.747	0.07822	26.512	0
"2014-02-24	00:00:00"	7.4074	78.541	44.561	46.998	0.0708	26.503	0
"2014-02-24	01:00:00"	8.5488	90.561	46.187	45.38	0.06995	26.497	0
"2014-02-24	02:00:00"	8.2108	99.857	46.062	46.02	0.08013	26.491	0
"2014-02-24	03:00:00"	8.1797	93.015	45.535	47.577	0.08246	26.474	0
"2014-02-24	04:00:00"	8.2158	74.062	44.105	50.894	0.05236	26.468	0
"2014-02-24	05:00:00"	7.1414	59.902	42.999	53.859	0.06593	26.48	0
"2014-02-24	06:00:00"	6.6014	44.559	42.109	55.919	0.06995	26.488	0
"2014-02-24	07:00:00"	6.3187	67.648	40.684	58.768	0.08776	26.494	0
"2014-02-24	08:00:00"	7.0209	64.264	40.636	58.893	5.6342	26.512	0
"2014-02-24	09:00:00"	8.2207	68.21	41.712	56.717	145.3	26.533	0
"2014-02-24	10:00:00"	6.4144	76.388	45.978	50.711	361.22	26.547	0
"2014-02-24	11:00:00"	4.2017	93.099	50.055	45.104	512.28	26.547	0
"2014-02-24	12:00:00"	4.7411	187.81	56.15	37.695	772.56	26.527	0
"2014-02-24	13:00:00"	5.4519	229	61.829	30.748	841.38	26.497	0
"2014-02-24	14:00:00"	5.8328	244.33	65.966	25.388	826.52	26.462	0
"2014-02-24	15:00:00"	4.5329	243.63	70.831	19.052	707.52	26.435	0
"2014-02-24	16:00:00"	4.9449	282.07	73.123	14.382	492.86	26.426	0
"2014-02-24	17:00:00"	3.9165	265.87	72.972	14.306	228.03	26.415	0
"2014-02-24	18:00:00"	2.6384	221.54	73.624	13.395	195.28	26.403	0
"2014-02-24	19:00:00"	4.2663	183.62	69.982	17.44	28.555	26.412	0
"2014-02-24	20:00:00"	4.4782	130.89	64.134	22.499	0.03985	26.418	0
"2014-02-24	21:00:00"	5.4084	140.53	62.596	23.892	0.07462	26.435	0
"2014-02-24	22:00:00"	6.2709	157.23	59.659	27.629	0.07229	26.441	0
"2014-02-24	23:00:00"	4.1868	155.65	57.097	30.587	0.06338	26.444	0
"2014-02-25	00:00:00"	2.3712	191.29	57.002	31.019	0.05088	26.444	0
"2014-02-25	01:00:00"	1.4782	234.85	54.707	33.461	0.05278	26.435	0
"2014-02-25	02:00:00"	2.9695	186.45	55.122	33.816	0.05914	26.435	0
"2014-02-25	03:00:00"	3.0379	185.68	53.376	40.185	0.06932	26.426	0
"2014-02-25	04:00:00"	1.9872	222.09	52.284	51.603	0.07992	26.42	0
"2014-02-25	05:00:00"	2.3494	264.98	52.842	64.633	0.06805	26.409	0
"2014-02-25	06:00:00"	3.0267	268.32	51.627	65.981	0.07038	26.42	0
"2014-02-25	07:00:00"	9.4523	317.65	50.199	57.308	0.08098	26.468	0
"2014-02-25	08:00:00"	16.822	27.673	42.686	43.761	8.2545	26.485	0
"2014-02-25	09:00:00"	19.251	40.874	39.626	66.957	73.616	26.518	0
"2014-02-25	10:00:00"	17.016	43.889	38.9	83.994	104.29	26.539	0
"2014-02-25	11:00:00"	15.728	41.618	40.584	82.684	125.96	26.545	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-25	12:00:00"	13.724	37.711	41.894	78.522	205.21	26.553	0
"2014-02-25	13:00:00"	12.328	42.37	42.24	79.439	184.38	26.533	0
"2014-02-25	14:00:00"	10.883	44.828	42.709	78.685	204.28	26.485	0
"2014-02-25	15:00:00"	8.3295	45.476	43.468	76.18	235.05	26.465	0
"2014-02-25	16:00:00"	7.5236	49.96	44.373	74.467	241.06	26.438	0
"2014-02-25	17:00:00"	7.8777	72.077	45.718	72.154	228.52	26.429	0
"2014-02-25	18:00:00"	6.2398	94.182	45.621	73.403	96.341	26.423	0
"2014-02-25	19:00:00"	6.4399	85.302	44.726	75.459	12.862	26.435	0
"2014-02-25	20:00:00"	6.525	106.26	43.49	79.064	0.0797	26.453	0
"2014-02-25	21:00:00"	6.8021	123.29	42.182	85.227	0.0831	26.465	0
"2014-02-25	22:00:00"	7.0973	108.36	41.91	85.66	0.06889	26.471	0
"2014-02-25	23:00:00"	8.3226	96.7	40.952	90.627	0.07186	26.485	0
"2014-02-26	00:00:00"	12.083	80.115	39.928	92.349	0.08373	26.503	0
"2014-02-26	01:00:00"	17.841	67.655	37.248	92.644	0.07907	26.521	0
"2014-02-26	02:00:00"	21.407	53.725	33.707	85.792	0.08373	26.571	0
"2014-02-26	03:00:00"	21.704	50.242	31.765	86.401	0.07504	26.58	0
"2014-02-26	04:00:00"	23.869	54.273	30.751	82.427	0.085	26.583	0
"2014-02-26	05:00:00"	23.196	41.554	29.464	79.653	0.08818	26.589	0
"2014-02-26	06:00:00"	28.378	51.125	27.607	75.193	0.07631	26.657	0
"2014-02-26	07:00:00"	29.152	84.112	26.209	74.466	0.06762	26.669	0
"2014-02-26	08:00:00"	26.368	119.65	24.629	74.306	2.5597	26.674	0
"2014-02-26	09:00:00"	20.155	83.903	24.616	74.301	43.647	26.692	0
"2014-02-26	10:00:00"	6.4908	265.73	25.279	72.966	108.6	26.689	0
"2014-02-26	11:00:00"	4.0787	348.57	27.081	71.448	252.85	26.66	0
"2014-02-26	12:00:00"	3.1559	76.962	29.036	68.892	344.5	26.639	0.02
"2014-02-26	13:00:00"	3.909	211.78	31.937	65.737	499.68	26.595	0
"2014-02-26	14:00:00"	6.4119	212.79	33.9	63.802	537.44	26.55	0
"2014-02-26	15:00:00"	7.8479	221.21	36.425	62.149	636.29	26.503	0
"2014-02-26	16:00:00"	8.7949	219.85	39.232	56.552	532.11	26.477	0
"2014-02-26	17:00:00"	8.5134	209.11	41.709	51.384	411.37	26.456	0
"2014-02-26	18:00:00"	8.5892	191.12	42.061	49.696	231.86	26.453	0
"2014-02-26	19:00:00"	7.8951	180.08	40.667	51.399	50.16	26.456	0
"2014-02-26	20:00:00"	4.5049	142.43	36.498	60.06	0.1327	26.474	0
"2014-02-26	21:00:00"	4.9213	136.31	34.514	66.033	0.05914	26.477	0
"2014-02-26	22:00:00"	5.5165	149.01	33.18	69.5	0.08331	26.488	0
"2014-02-26	23:00:00"	5.0201	124.76	31.703	73.691	0.09942	26.485	0
"2014-02-27	00:00:00"	4.564	122.7	30.762	77.006	0.06656	26.48	0
"2014-02-27	01:00:00"	4.0979	108.96	29.993	79.475	0.08119	26.471	0
"2014-02-27	02:00:00"	4.5006	106.42	29.487	81.948	0.08649	26.462	0
"2014-02-27	03:00:00"	3.8711	80.284	29.025	82.904	0.08458	26.456	0
"2014-02-27	04:00:00"	3.7419	145.86	30.388	80.617	0.07377	26.441	0
"2014-02-27	05:00:00"	1.7193	203.2	29.71	80.509	0.07292	26.444	0
"2014-02-27	06:00:00"	2.2867	20.41	30.38	77.964	0.09136	26.45	0
"2014-02-27	07:00:00"	2.6508	34.664	31.266	76.892	0.09327	26.444	0
"2014-02-27	08:00:00"	3.4946	46.827	30.643	79.287	22.874	26.441	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-02-27	09:00:00"	3.6965	68.595	33.072	72.75	138.79	26.447	0
"2014-02-27	10:00:00"	4.3359	176.73	37.751	62.944	396.55	26.441	0
"2014-02-27	11:00:00"	5.8378	197.65	41.781	58.039	584.12	26.423	0
"2014-02-27	12:00:00"	7.4627	189.52	47.556	50.043	722.88	26.385	0
"2014-02-27	13:00:00"	9.3734	194.22	52.88	43.147	801.14	26.356	0
"2014-02-27	14:00:00"	10.186	214.67	56.745	38.248	809.96	26.317	0
"2014-02-27	15:00:00"	10.295	223.04	61.16	32.541	783.34	26.285	0
"2014-02-27	16:00:00"	10.369	213.21	65.109	28.199	661.2	26.249	0
"2014-02-27	17:00:00"	9.9879	198.14	67.051	26.658	471.38	26.22	0
"2014-02-27	18:00:00"	11.806	196.51	68.308	25.314	249.68	26.208	0
"2014-02-27	19:00:00"	10.468	186.05	65.746	27.629	53.726	26.205	0
"2014-02-27	20:00:00"	9.397	172.45	59.04	37.185	0.1168	26.199	0
"2014-02-27	21:00:00"	12.482	176.31	56.569	43.752	0.07631	26.184	0
"2014-02-27	22:00:00"	9.2367	172.88	53.915	49.646	0.06974	26.187	0
"2014-02-27	23:00:00"	5.3879	194.34	50.126	56.724	0.0778	26.19	0
"2014-02-28	00:00:00"	3.3256	243.39	47.188	62.929	0.05829	26.196	0
"2014-02-28	01:00:00"	3.8177	222.5	45.211	67.068	0.06296	26.196	0
"2014-02-28	02:00:00"	5.6855	223.37	44.226	68.912	0.07843	26.202	0
"2014-02-28	03:00:00"	4.1433	246.51	43.502	69.074	0.06402	26.196	0
"2014-02-28	04:00:00"	3.8165	232.39	42.44	67.363	0.06932	26.211	0
"2014-02-28	05:00:00"	9.991	285.63	54.102	34.675	0.08331	26.223	0
"2014-02-28	06:00:00"	11.029	290.08	55.417	28.37	0.09539	26.249	0
"2014-02-28	07:00:00"	7.9281	295.84	51.935	31.389	0.0672	26.264	0
"2014-02-28	08:00:00"	7.9703	312.76	50.388	32.698	32.829	26.299	0
"2014-02-28	09:00:00"	5.3071	288.33	51.624	32.414	207.47	26.323	0
"2014-02-28	10:00:00"	10.132	306.14	58.789	26.108	435.03	26.341	0
"2014-02-28	11:00:00"	13.755	309.21	65.176	19.08	646.76	26.344	0
"2014-02-28	12:00:00"	11.774	291.39	68.471	15.269	796.22	26.341	0
"2014-02-28	13:00:00"	10.314	269.25	71.209	12.818	875.51	26.329	0
"2014-02-28	14:00:00"	11.086	271.39	73.461	11.96	881.82	26.296	0
"2014-02-28	15:00:00"	10.177	275.32	74.959	11.698	809.15	26.276	0
"2014-02-28	16:00:00"	9.2789	235.59	76.545	11.409	675.69	26.27	0
"2014-02-28	17:00:00"	10.308	239.59	77.109	9.8636	490.12	26.273	0
"2014-02-28	18:00:00"	8.1188	263.68	76.737	9.7581	265.29	26.27	0
"2014-02-28	19:00:00"	4.3738	213	74.397	12.215	64.36	26.282	0
"2014-02-28	20:00:00"	4.4124	243.51	66.925	15.261	0.16259	26.299	0
"2014-02-28	21:00:00"	6.1889	258.43	63.878	18.316	0.0744	26.32	0
"2014-02-28	22:00:00"	3.6046	244.16	59.654	23.444	0.04642	26.335	0
"2014-02-28	23:00:00"	2.1736	250.18	57.802	25.844	0.05787	26.35	0
"2014-03-01	00:00:00"	3.5716	289.87	58.018	26.484	0.07716	26.341	0
"2014-03-01	01:00:00"	3.3473	266.77	56.478	28.217	0.08712	26.35	0
"2014-03-01	02:00:00"	3.082	176.52	51.403	33.335	0.08458	26.358	0
"2014-03-01	03:00:00"	2.0841	162.24	51.788	33.63	0.092	26.347	0
"2014-03-01	04:00:00"	2.2562	180.29	52.43	33.568	0.0655	26.344	0
"2014-03-01	05:00:00"	3.2305	187.22	50.479	35.84	0.06614	26.358	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-01	06:00:00"	2.8552	188.8	50.188	35.915	0.06317	26.373	0
"2014-03-01	07:00:00"	2.7185	212.16	48.701	38.252	0.05851	26.373	0
"2014-03-01	08:00:00"	2.1779	197.3	48.423	38.606	35.712	26.382	0
"2014-03-01	09:00:00"	3.7574	197.09	53.408	34.461	194.39	26.406	0
"2014-03-01	10:00:00"	6.7748	198.03	62.07	25.744	390.54	26.42	0
"2014-03-01	11:00:00"	10.358	206.03	70.177	19.994	605.08	26.406	0
"2014-03-01	12:00:00"	15.819	226.22	74.65	15.76	664.71	26.391	0
"2014-03-01	13:00:00"	14.853	223.81	76.527	14.151	814.5	26.356	0
"2014-03-01	14:00:00"	15.722	227	78.605	12.456	735.99	26.314	0
"2014-03-01	15:00:00"	17.195	223.88	79.973	11.323	799.07	26.294	0
"2014-03-01	16:00:00"	18.009	225.57	81.085	10.469	671.65	26.294	0
"2014-03-01	17:00:00"	17.228	224.1	80.834	10.618	466.68	26.282	0
"2014-03-01	18:00:00"	14.18	234.37	79.334	11.574	186.54	26.294	0
"2014-03-01	19:00:00"	5.6259	225.6	74.019	13.74	22.744	26.302	0
"2014-03-01	20:00:00"	2.9577	204.09	67.966	15.844	0.06529	26.317	0
"2014-03-01	21:00:00"	3.6965	240.76	67.23	16.452	0.08691	26.329	0
"2014-03-01	22:00:00"	3.1274	312.12	66.271	17.67	0.07504	26.344	0
"2014-03-01	23:00:00"	3.6667	339.24	63.307	19.965	0.06084	26.344	0
"2014-03-02	00:00:00"	5.9074	46.05	59.456	24.997	0.07419	26.4	0
"2014-03-02	01:00:00"	5.6594	28.577	57.468	33.405	0.07356	26.379	0
"2014-03-02	02:00:00"	18.256	40.952	48.945	60.298	0.05978	26.379	0
"2014-03-02	03:00:00"	19.146	55.512	42.177	75.388	0.07992	26.373	0
"2014-03-02	04:00:00"	17.864	55.217	37.711	74.144	0.08479	26.397	0
"2014-03-02	05:00:00"	15.294	46.541	35.236	74.635	0.07059	26.406	0
"2014-03-02	06:00:00"	17.357	53.746	34.313	75.275	0.06169	26.415	0
"2014-03-02	07:00:00"	16.573	47.401	32.366	73.611	0.09497	26.435	0
"2014-03-02	08:00:00"	16.551	57.275	30.777	73.484	7.1287	26.468	0
"2014-03-02	09:00:00"	16.32	53.097	28.849	76.385	41.947	26.497	0
"2014-03-02	10:00:00"	15.192	22.908	27.504	77.379	67.83	26.574	0
"2014-03-02	11:00:00"	13.859	26.396	27.518	73.569	230.5	26.55	0
"2014-03-02	12:00:00"	12.339	56.179	30.904	63.124	267.04	26.521	0
"2014-03-02	13:00:00"	15.506	92.595	30.605	68.826	177.72	26.483	0
"2014-03-02	14:00:00"	10.469	117.86	34.66	66.597	598.84	26.465	0
"2014-03-02	15:00:00"	10.332	198.76	44.572	53.172	767.8	26.462	0
"2014-03-02	16:00:00"	7.0818	193.51	50.484	46.805	637.78	26.45	0
"2014-03-02	17:00:00"	11.666	66.376	51.094	43.443	457.41	26.465	0
"2014-03-02	18:00:00"	19.796	38.758	38.655	56.113	246.16	26.497	0
"2014-03-02	19:00:00"	16.771	42.641	31.449	65.645	55.925	26.524	0
"2014-03-02	20:00:00"	17.307	39.756	27.576	72.75	0.14012	26.568	0
"2014-03-02	21:00:00"	17.786	34.897	24.222	74.575	0.07674	26.598	0
"2014-03-02	22:00:00"	17.432	29.925	20.858	73.892	0.0725	26.624	0
"2014-03-02	23:00:00"	16.981	24.652	18.653	74.678	0.07144	26.666	0
"2014-03-03	00:00:00"	13.559	21.199	17.705	76.67	0.0778	26.683	0
"2014-03-03	01:00:00"	14.647	26.822	17.655	74.055	0.09306	26.686	0
"2014-03-03	02:00:00"	13.029	22.929	16.769	75.802	0.09666	26.692	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-03	03:00:00"	10.221	26.587	16.999	76.026	0.07822	26.677	0
"2014-03-03	04:00:00"	3.3914	353.81	16.938	76.008	0.09815	26.692	0
"2014-03-03	05:00:00"	6.2783	8.1841	17.173	71.395	0.08797	26.695	0
"2014-03-03	06:00:00"	8.6172	11.573	16.869	70.667	0.11002	26.674	0
"2014-03-03	07:00:00"	13.793	26.813	17.489	68.232	0.0814	26.63	0
"2014-03-03	08:00:00"	4.4304	220.46	18.187	66.257	18.011	26.698	0
"2014-03-03	09:00:00"	2.2811	352.18	19.706	62.404	107.79	26.722	0
"2014-03-03	10:00:00"	2.8664	346.4	22.526	54.4	340.01	26.707	0
"2014-03-03	11:00:00"	3.4592	340.67	26.162	46.205	425.41	26.704	0
"2014-03-03	12:00:00"	2.6091	57.882	29.17	41.791	429.14	26.674	0
"2014-03-03	13:00:00"	3.0702	90.062	32.601	38.35	529.16	26.642	0
"2014-03-03	14:00:00"	3.0391	33.626	35.854	35.136	547.59	26.615	0
"2014-03-03	15:00:00"	3.4958	71.187	38.132	33.23	430.49	26.574	0
"2014-03-03	16:00:00"	3.8643	92.012	39.959	31.713	377.26	26.562	0
"2014-03-03	17:00:00"	4.4167	98.162	40.833	31.2	254.97	26.556	0
"2014-03-03	18:00:00"	5.5097	126.44	40.299	31.858	77.42	26.562	0
"2014-03-03	19:00:00"	3.7469	116.09	39.204	32.416	22.713	26.562	0
"2014-03-03	20:00:00"	4.605	127.04	38.028	34.086	0.14415	26.562	0
"2014-03-03	21:00:00"	6.3287	138.31	35.968	35.425	0.07334	26.553	0
"2014-03-03	22:00:00"	3.9768	136.17	34.101	37.699	0.08967	26.562	0
"2014-03-03	23:00:00"	4.4913	132.83	33.058	39.572	0.09094	26.539	0
"2014-03-04	00:00:00"	4.6174	147.52	32.198	41.33	0.08161	26.527	0
"2014-03-04	01:00:00"	3.0982	149.92	31.424	43.62	0.07186	26.512	0
"2014-03-04	02:00:00"	2.2233	273.31	30.592	45.249	0.08628	26.506	0
"2014-03-04	03:00:00"	1.6373	290.78	29.604	46.578	0.08373	26.491	0
"2014-03-04	04:00:00"	2.4103	122.16	28.625	47.512	0.08712	26.465	0
"2014-03-04	05:00:00"	3.4673	219.33	26.817	50.11	0.0725	26.471	0
"2014-03-04	06:00:00"	2.4613	6.1022	26.838	50.766	0.08755	26.462	0
"2014-03-04	07:00:00"	2.7577	118.74	26.589	50.955	0.05978	26.459	0
"2014-03-04	08:00:00"	1.5534	261.07	26.56	51.531	38.836	26.471	0
"2014-03-04	09:00:00"	5.8608	229.79	31.102	44.811	217	26.488	0
"2014-03-04	10:00:00"	8.9353	212.72	37.246	36.677	433.48	26.491	0
"2014-03-04	11:00:00"	6.607	188.5	43.193	31.681	625.29	26.468	0
"2014-03-04	12:00:00"	8.4618	199.35	49.116	28.025	765.45	26.456	0
"2014-03-04	13:00:00"	9.2044	199.08	53.24	25.934	853.55	26.418	0
"2014-03-04	14:00:00"	9.2752	203.93	57.965	23.266	865.55	26.391	0
"2014-03-04	15:00:00"	9.0726	194.3	61	22.334	720.4	26.358	0
"2014-03-04	16:00:00"	9.2796	188.34	62.354	21.793	435.54	26.338	0
"2014-03-04	17:00:00"	10.062	187.39	62.366	22.316	305.29	26.326	0
"2014-03-04	18:00:00"	9.1832	179.34	61.572	23.618	155.84	26.329	0
"2014-03-04	19:00:00"	6.2069	165.12	58.958	25.876	29.563	26.317	0
"2014-03-04	20:00:00"	5.5321	142.15	54.72	29.316	0.0744	26.317	0
"2014-03-04	21:00:00"	8.6812	154.84	53.09	31.907	0.06296	26.332	0
"2014-03-04	22:00:00"	5.6657	188.22	51.036	34.607	0.06656	26.341	0
"2014-03-04	23:00:00"	4.2228	198.33	48.454	38.077	0.07292	26.335	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-05	00:00:00"	5.9732	173.71	49.201	38.058	0.0566	26.317	0
"2014-03-05	01:00:00"	6.5132	190.1	48.221	38.393	0.09475	26.302	0
"2014-03-05	02:00:00"	4.2881	214.72	46.7	40.373	0.07334	26.299	0
"2014-03-05	03:00:00"	3.9563	251.78	44.47	43.206	0.0761	26.296	0
"2014-03-05	04:00:00"	4.4428	235.04	42.444	46.52	0.07758	26.291	0
"2014-03-05	05:00:00"	4.3105	260.74	41.191	48.749	0.07568	26.299	0
"2014-03-05	06:00:00"	4.4304	277.98	41.531	49.244	0.06974	26.314	0
"2014-03-05	07:00:00"	2.6731	293.06	42.007	48.61	0.08034	26.329	0
"2014-03-05	08:00:00"	4.1477	277.61	41.744	50.777	27.305	26.35	0
"2014-03-05	09:00:00"	10.428	305.59	49.252	44.429	209.28	26.373	0
"2014-03-05	10:00:00"	20.79	342.02	53.117	45.378	437.06	26.403	0
"2014-03-05	11:00:00"	22.833	354.82	52.845	47.005	586.32	26.423	0
"2014-03-05	12:00:00"	20.933	2.7577	54.657	43.394	733.85	26.45	0
"2014-03-05	13:00:00"	19.932	357.79	56.704	39.577	821.54	26.465	0
"2014-03-05	14:00:00"	19.769	11.638	58.053	38.054	851.33	26.456	0
"2014-03-05	15:00:00"	18.432	22.538	60.037	36.801	787.64	26.462	0
"2014-03-05	16:00:00"	15.928	6.7919	60.471	35.939	547.77	26.491	0
"2014-03-05	17:00:00"	17.999	4.388	59.095	37.547	432.72	26.515	0
"2014-03-05	18:00:00"	17.473	13.994	56.062	41.036	245.14	26.542	0
"2014-03-05	19:00:00"	15.803	17.903	52.788	45.402	57.389	26.568	0
"2014-03-05	20:00:00"	13.26	21.53	49.009	51.186	0.25544	26.604	0
"2014-03-05	21:00:00"	9.9506	27.638	45.799	55.39	0.09709	26.624	0
"2014-03-05	22:00:00"	7.1203	31.818	42.116	61.102	0.08776	26.642	0
"2014-03-05	23:00:00"	4.7777	7.4356	38.178	67.629	0.08649	26.651	0
"2014-03-06	00:00:00"	5.0095	38.973	35.601	72.852	0.08776	26.642	0
"2014-03-06	01:00:00"	6.1814	19.278	33.102	76.745	0.06911	26.636	0
"2014-03-06	02:00:00"	5.0101	9.6205	32.748	78.875	0.06741	26.654	0
"2014-03-06	03:00:00"	5.9993	18.777	32.025	81.165	0.09836	26.642	0
"2014-03-06	04:00:00"	5.0896	3.619	31.159	83.839	0.07992	26.633	0
"2014-03-06	05:00:00"	3.7922	343.99	30.403	84.652	0.09094	26.624	0
"2014-03-06	06:00:00"	2.3289	281	27.945	86.136	0.07356	26.627	0
"2014-03-06	07:00:00"	3.2498	335.28	27.371	86.743	0.08564	26.627	0
"2014-03-06	08:00:00"	3.2883	316.97	29.313	86.236	45.322	26.615	0
"2014-03-06	09:00:00"	2.8484	278.83	36.329	76.912	226.33	26.627	0
"2014-03-06	10:00:00"	6.0764	238.36	42.904	62.949	445.38	26.633	0
"2014-03-06	11:00:00"	8.3487	233.05	49.658	49.025	625.92	26.618	0
"2014-03-06	12:00:00"	8.9403	212.97	54.785	37.019	754.77	26.601	0
"2014-03-06	13:00:00"	10.431	205.75	59.43	26.171	827.17	26.559	0
"2014-03-06	14:00:00"	12.723	204.71	63.021	21.518	860.88	26.518	0
"2014-03-06	15:00:00"	13.681	200.62	64.137	21.356	760.12	26.477	0
"2014-03-06	16:00:00"	13.198	198.27	65.247	21.418	562.31	26.447	0
"2014-03-06	17:00:00"	12.825	191.69	65.605	21.584	310.11	26.429	0
"2014-03-06	18:00:00"	12.557	187.47	65.855	21.403	204.81	26.415	0
"2014-03-06	19:00:00"	9.8885	179.64	63.19	23.748	46.463	26.412	0
"2014-03-06	20:00:00"	7.1097	171.7	57.953	27.709	0.11659	26.406	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-06	21:00:00"	5.1474	153.47	54.981	30.079	0.06147	26.403	0
"2014-03-06	22:00:00"	6.4523	164.04	54.736	30.449	0.06593	26.388	0
"2014-03-06	23:00:00"	6.0609	184.41	54.475	29.083	0.06487	26.379	0
"2014-03-07	00:00:00"	9.4424	174.97	56.359	26.475	0.06359	26.361	0
"2014-03-07	01:00:00"	7.8572	191.17	54.425	28.59	0.07165	26.353	0
"2014-03-07	02:00:00"	6.1	200.96	51.781	31.471	0.08564	26.344	0
"2014-03-07	03:00:00"	3.7369	205.98	49.945	33.847	0.08288	26.32	0
"2014-03-07	04:00:00"	4.3011	208.33	48.597	35.964	0.06741	26.305	0
"2014-03-07	05:00:00"	4.9766	205.42	48.842	36.211	0.08606	26.302	0
"2014-03-07	06:00:00"	3.809	230.93	46.483	39.735	0.08394	26.305	0
"2014-03-07	07:00:00"	3.8879	261.42	45.501	41.348	0.07334	26.311	0
"2014-03-07	08:00:00"	3.9209	231.12	42.584	46.101	28.598	26.314	0
"2014-03-07	09:00:00"	5.9005	221.8	47.011	42.877	196.61	26.323	0
"2014-03-07	10:00:00"	9.0235	217.2	55.192	33.197	432.66	26.329	0
"2014-03-07	11:00:00"	9.2367	232.76	61.111	26.716	627.52	26.314	0
"2014-03-07	12:00:00"	10.857	239.47	68.922	19.574	811.38	26.296	0
"2014-03-07	13:00:00"	11.809	246.63	74.716	15.55	899.3	26.267	0
"2014-03-07	14:00:00"	14.869	251.97	77.43	14.301	901.84	26.234	0
"2014-03-07	15:00:00"	13.855	255.37	78.594	13.548	835.04	26.205	0
"2014-03-07	16:00:00"	14.031	252.53	78.894	13.915	693.26	26.19	0
"2014-03-07	17:00:00"	14.136	246.59	78.838	13.347	509.22	26.184	0
"2014-03-07	18:00:00"	13.278	237.78	78.39	12.43	278.67	26.181	0
"2014-03-07	19:00:00"	10.189	264.93	75.261	13.202	70.561	26.199	0
"2014-03-07	20:00:00"	3.9302	261.58	68.373	16.481	0.34765	26.217	0
"2014-03-07	21:00:00"	2.7806	243.78	62.604	19.467	0.04939	26.232	0
"2014-03-07	22:00:00"	2.8446	220.71	58.934	21.854	0.0744	26.243	0
"2014-03-07	23:00:00"	5.7825	275.99	57.618	23.414	0.05405	26.273	0
"2014-03-08	00:00:00"	11.19	333.3	58.694	26.809	0.04303	26.276	0
"2014-03-08	01:00:00"	18.358	14.227	57.413	31.452	0.07059	26.294	0
"2014-03-08	02:00:00"	20.797	26.922	52.41	40.764	0.07144	26.311	0
"2014-03-08	03:00:00"	18.587	18.155	48.077	50.997	0.07271	26.364	0
"2014-03-08	04:00:00"	17.665	25.641	44.521	60.281	0.08394	26.388	0
"2014-03-08	05:00:00"	17.26	23.447	41.365	65.881	0.07059	26.415	0
"2014-03-08	06:00:00"	17.086	12.727	39.139	68.557	0.0814	26.465	0
"2014-03-08	07:00:00"	19.659	15.379	38.09	68.425	0.06147	26.491	0
"2014-03-08	08:00:00"	19.534	11.326	37.814	66.79	32.249	26.545	0
"2014-03-08	09:00:00"	24.282	15.774	38.257	62.149	161.37	26.559	0
"2014-03-08	10:00:00"	23.569	15.628	40.985	57.525	418.44	26.592	0
"2014-03-08	11:00:00"	21.036	18.144	43.184	53.905	522.59	26.615	0
"2014-03-08	12:00:00"	19.323	15.568	45.788	48.992	627.94	26.627	0
"2014-03-08	13:00:00"	18.073	15.959	47.642	44.96	633.15	26.624	0
"2014-03-08	14:00:00"	16.021	14.345	50.198	41.119	807.57	26.607	0
"2014-03-08	15:00:00"	15.949	20.029	52.459	38.545	788.16	26.598	0
"2014-03-08	16:00:00"	16.291	26.653	53.142	37.555	540.26	26.598	0
"2014-03-08	17:00:00"	16.163	26.495	54.104	35.617	443.83	26.615	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-08	18:00:00"	16.287	29.1	53.666	35.359	213.57	26.63	0
"2014-03-08	19:00:00"	15.048	24.302	51.405	37.433	42.235	26.657	0
"2014-03-08	20:00:00"	11.362	19.791	48.422	41.089	0.27451	26.683	0
"2014-03-08	21:00:00"	7.5745	25.031	44.47	46.435	0.07292	26.698	0
"2014-03-08	22:00:00"	9.3665	26.575	42.158	50.515	0.08606	26.704	0
"2014-03-08	23:00:00"	8.3705	37.879	40.484	53.766	0.08267	26.736	0
"2014-03-09	00:00:00"	7.2589	34.002	38.447	58.143	0.0761	26.719	0
"2014-03-09	01:00:00"	4.7305	17.298	36.118	61.776	0.06359	26.722	0
"2014-03-09	02:00:00"	3.8749	3.4268	34.407	65.005	0.08606	26.731	0
"2014-03-09	03:00:00"	3.7152	340.79	33.161	65.858	0.07758	26.725	0
"2014-03-09	04:00:00"	4.9045	353.18	34.207	63.546	0.0778	26.722	0
"2014-03-09	05:00:00"	5.4674	354.09	34.509	62.541	0.07695	26.728	0
"2014-03-09	06:00:00"	3.9003	326.66	34.254	62.762	0.07292	26.751	0
"2014-03-09	07:00:00"	2.7309	326.86	33.949	62.208	0.10811	26.748	0
"2014-03-09	08:00:00"	5.5992	349.38	34.801	59.47	32.194	26.748	0
"2014-03-09	09:00:00"	6.0882	351.04	37.521	53.944	103.98	26.754	0
"2014-03-09	10:00:00"	8.6495	352.15	44.852	41.678	445.07	26.763	0
"2014-03-09	11:00:00"	9.3734	357.67	49.528	32.794	699.82	26.748	0
"2014-03-09	12:00:00"	8.117	17.528	52.346	27.547	767.71	26.734	0
"2014-03-09	13:00:00"	6.5592	18.298	54.795	24.214	741.09	26.713	0
"2014-03-09	14:00:00"	4.6019	5.4329	57.075	21.939	865.25	26.674	0
"2014-03-09	15:00:00"	4.7945	357.99	58.508	20.796	838.59	26.642	0
"2014-03-09	16:00:00"	4.1358	325.33	59.894	19.739	706.18	26.624	0
"2014-03-09	17:00:00"	3.9762	56.208	60.741	19.237	514.64	26.612	0
"2014-03-09	18:00:00"	3.6816	328.47	61.129	19.271	289.47	26.607	0
"2014-03-09	19:00:00"	2.6154	233.82	60.095	19.857	82.668	26.604	0
"2014-03-09	20:00:00"	1.385	336.17	55.468	23.686	0.51299	26.601	0
"2014-03-09	21:00:00"	2.9441	86.744	52.324	25.094	0.05999	26.609	0
"2014-03-09	22:00:00"	4.6677	158.06	48.578	28.284	0.07801	26.618	0
"2014-03-09	23:00:00"	2.2202	257.86	46.996	30.302	0.07313	26.621	0
"2014-03-10	00:00:00"	1.9356	258.6	44.819	32.371	0.07843	26.607	0
"2014-03-10	01:00:00"	1.6479	175.1	44.493	33.027	0.05914	26.601	0
"2014-03-10	02:00:00"	2.1319	190.44	41.641	36.248	0.08924	26.592	0
"2014-03-10	03:00:00"	1.4714	200.22	40.272	38.617	0.07886	26.565	0
"2014-03-10	04:00:00"	2.3531	243.09	38.388	41.675	0.09221	26.539	0
"2014-03-10	05:00:00"	2.8328	268.83	38.292	42.83	0.07207	26.524	0
"2014-03-10	06:00:00"	2.6346	235.57	38.547	44.392	0.0655	26.521	0
"2014-03-10	07:00:00"	2.7229	259.73	39.776	45.379	0.09264	26.518	0
"2014-03-10	08:00:00"	3.517	265.78	40.733	44.619	51.234	26.521	0
"2014-03-10	09:00:00"	4.7286	251.09	47.062	38.246	242.13	26.536	0
"2014-03-10	10:00:00"	8.0803	227.91	55.301	29.754	471.01	26.533	0
"2014-03-10	11:00:00"	9.5113	221.41	60.247	24.854	682.05	26.512	0
"2014-03-10	12:00:00"	9.0198	217.91	63.716	21.509	835.59	26.485	0
"2014-03-10	13:00:00"	10.409	208.15	66.309	19.38	916.79	26.444	0
"2014-03-10	14:00:00"	10.438	214.23	69.166	18.361	924.7	26.397	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-10	15:00:00"	12.401	207.75	70.949	18.778	856.14	26.367	0
"2014-03-10	16:00:00"	13.185	209.33	71.69	19.133	717.8	26.344	0
"2014-03-10	17:00:00"	12.562	216.07	72.551	19.053	522.59	26.332	0
"2014-03-10	18:00:00"	11.681	216.78	72.448	18.683	295.92	26.323	0
"2014-03-10	19:00:00"	8.1561	207	70.317	19.652	85.279	26.32	0
"2014-03-10	20:00:00"	3.4958	153.19	62.165	24.357	0.56026	26.314	0
"2014-03-10	21:00:00"	5.25	149.68	58.894	27.12	0.04218	26.317	0
"2014-03-10	22:00:00"	7.0383	159.2	55.366	31.556	0.08628	26.308	0
"2014-03-10	23:00:00"	4.7311	183.61	51.774	30.995	0.08606	26.296	0
"2014-03-11	00:00:00"	4.3154	165.08	47.563	32.658	0.05829	26.279	0
"2014-03-11	01:00:00"	3.96	215.12	45.977	34.739	0.08267	26.258	0
"2014-03-11	02:00:00"	4.0265	276.66	45.891	32.736	0.07525	26.24	0
"2014-03-11	03:00:00"	2.327	219.78	43.842	34.559	0.07716	26.22	0
"2014-03-11	04:00:00"	2.4948	221.02	39.963	40.741	0.06635	26.19	0
"2014-03-11	05:00:00"	2.8018	226.63	39.554	42.5	0.06423	26.184	0
"2014-03-11	06:00:00"	4.0694	265.13	39.398	43.35	0.08034	26.19	0
"2014-03-11	07:00:00"	5.0735	274.94	43.289	36.89	0.1433	26.199	0
"2014-03-11	08:00:00"	5.1822	279.13	49.038	29.639	61.054	26.214	0
"2014-03-11	09:00:00"	9.7269	274.74	56.934	24.324	264.63	26.226	0
"2014-03-11	10:00:00"	16.514	286.28	64.957	18.821	504.36	26.246	0
"2014-03-11	11:00:00"	17.277	290.01	68.527	16.492	710.6	26.258	0
"2014-03-11	12:00:00"	14.991	302.5	71.461	14.267	859.38	26.249	0
"2014-03-11	13:00:00"	14.741	296.66	74.428	11.229	936.5	26.234	0
"2014-03-11	14:00:00"	16.364	303.97	77.14	9.1172	932.9	26.217	0
"2014-03-11	15:00:00"	16.187	306.47	78.237	8.5219	857.5	26.211	0
"2014-03-11	16:00:00"	15.306	315.04	78.794	8.21	713.72	26.205	0
"2014-03-11	17:00:00"	14.963	314	79.064	6.8972	529.44	26.208	0
"2014-03-11	18:00:00"	17.071	316.26	78.152	6.2175	304.55	26.226	0
"2014-03-11	19:00:00"	13.575	323.47	75.373	6.9045	86.65	26.255	0
"2014-03-11	20:00:00"	8.1027	340	67.235	9.0097	0.59312	26.282	0
"2014-03-11	21:00:00"	10.525	351.9	63.983	10.374	0.06211	26.332	0
"2014-03-11	22:00:00"	28.93	16.439	59.165	27.816	0.0708	26.4	0
"2014-03-11	23:00:00"	29.902	26.308	51.134	39.744	0.05511	26.456	0
"2014-03-12	00:00:00"	30.418	26.865	45.61	48.06	0.07483	26.503	0
"2014-03-12	01:00:00"	26.327	24.479	42.537	50.529	0.09158	26.553	0
"2014-03-12	02:00:00"	23.061	21.47	40.909	52.77	0.08479	26.604	0
"2014-03-12	03:00:00"	22.07	16.721	38.991	53.853	0.06677	26.618	0
"2014-03-12	04:00:00"	18.036	18.105	37.368	56.74	0.07356	26.654	0
"2014-03-12	05:00:00"	15.593	19.641	36.359	56.103	0.08818	26.672	0
"2014-03-12	06:00:00"	10.17	7.951	34.914	59.398	0.08712	26.71	0
"2014-03-12	07:00:00"	7.9219	357.77	33.666	64.087	0.15835	26.748	0
"2014-03-12	08:00:00"	7.3297	351.18	33.131	65.719	48.821	26.775	0
"2014-03-12	09:00:00"	13.198	4.3833	36.317	58.182	239.2	26.801	0
"2014-03-12	10:00:00"	14.944	18.974	39.127	51.534	458.25	26.813	0
"2014-03-12	11:00:00"	14.531	31.762	42.089	41.544	650.56	26.819	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-12	12:00:00"	11.846	36.808	44.818	35.561	791.37	26.81	0
"2014-03-12	13:00:00"	10.514	30.752	47.097	30.917	865.22	26.784	0
"2014-03-12	14:00:00"	10.089	31.633	48.888	27.324	871.35	26.757	0
"2014-03-12	15:00:00"	7.6907	24.904	50.715	24.368	813.64	26.722	0
"2014-03-12	16:00:00"	7.4651	38.554	52.124	22.514	698.28	26.704	0
"2014-03-12	17:00:00"	6.8282	18.05	52.986	22.256	511.48	26.686	0
"2014-03-12	18:00:00"	5.2556	38.089	53.192	22.557	289.37	26.683	0
"2014-03-12	19:00:00"	4.7846	36.684	51.912	23.548	83.419	26.689	0
"2014-03-12	20:00:00"	4.5764	41.721	48.571	25.838	0.60329	26.695	0
"2014-03-12	21:00:00"	4.6336	50.597	46.2	28.243	0.07207	26.704	0
"2014-03-12	22:00:00"	3.6555	65.804	44.928	29.628	0.08246	26.713	0
"2014-03-12	23:00:00"	3.6617	87.112	43.567	30.819	0.08437	26.707	0
"2014-03-13	00:00:00"	1.9194	115.53	41.072	32.906	0.09369	26.698	0
"2014-03-13	01:00:00"	1.4254	265.71	39.73	35.632	0.07864	26.689	0
"2014-03-13	02:00:00"	2.0636	318.91	39.626	35.436	0.11023	26.677	0
"2014-03-13	03:00:00"	2.7521	323.57	38.841	36.2	0.08649	26.663	0
"2014-03-13	04:00:00"	2.0971	326.44	37.773	37.54	0.06232	26.651	0
"2014-03-13	05:00:00"	2.2388	317.08	38.031	37.651	0.08416	26.642	0
"2014-03-13	06:00:00"	2.2314	313.24	38.53	36.925	0.08967	26.639	0
"2014-03-13	07:00:00"	0.9712	51.993	36.934	39.042	0.21749	26.642	0
"2014-03-13	08:00:00"	1.4739	30.334	37.07	39.044	49.879	26.66	0
"2014-03-13	09:00:00"	5.2742	182.07	43.865	32.056	250.47	26.674	0
"2014-03-13	10:00:00"	10.958	185.58	49.191	28.199	468.69	26.669	0
"2014-03-13	11:00:00"	13.678	184.61	52.289	25.785	663.13	26.654	0
"2014-03-13	12:00:00"	14.352	180.89	54.684	23.484	813.61	26.618	0
"2014-03-13	13:00:00"	14.748	173.48	56.927	20.663	897.51	26.574	0
"2014-03-13	14:00:00"	14.281	170.16	59.425	18.841	909.93	26.533	0
"2014-03-13	15:00:00"	13.458	183.22	61.39	18.886	832.7	26.491	0
"2014-03-13	16:00:00"	12.947	182.55	63.017	19.15	708.27	26.468	0
"2014-03-13	17:00:00"	13.786	175.11	63.601	19.144	516.87	26.435	0
"2014-03-13	18:00:00"	14.627	162.27	63.157	19.335	292.2	26.415	0
"2014-03-13	19:00:00"	12.876	164.73	60.873	21.051	70.236	26.397	0
"2014-03-13	20:00:00"	8.8353	156.18	56.649	23.841	0.61686	26.403	0
"2014-03-13	21:00:00"	7.4378	146.89	52.864	26.617	0.07398	26.409	0
"2014-03-13	22:00:00"	7.129	155.68	50.157	28.892	0.07589	26.418	0
"2014-03-13	23:00:00"	8.9167	163.16	49.367	29.657	0.0602	26.415	0
"2014-03-14	00:00:00"	11.264	176	48.775	30.671	0.07568	26.394	0
"2014-03-14	01:00:00"	10.718	182.44	47.777	32.504	0.08924	26.397	0
"2014-03-14	02:00:00"	8.98	189.26	46.172	35.07	0.06635	26.385	0
"2014-03-14	03:00:00"	6.7183	204.31	43.884	38.299	0.07504	26.373	0
"2014-03-14	04:00:00"	4.8119	225.21	41.48	41.89	0.06953	26.364	0
"2014-03-14	05:00:00"	4.3664	233.83	41.322	42.287	0.07525	26.37	0
"2014-03-14	06:00:00"	4.1278	245.65	39.735	44.752	0.0619	26.373	0
"2014-03-14	07:00:00"	3.6934	267.22	40.342	44.199	0.25734	26.382	0
"2014-03-14	08:00:00"	3.0963	270.98	41.775	42.717	66.421	26.4	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-14	09:00:00"	3.8885	247.42	47.139	36.264	253.93	26.429	0
"2014-03-14	10:00:00"	4.9952	248.08	52.827	30.544	463.73	26.453	0
"2014-03-14	11:00:00"	5.6688	308.16	60.002	25.117	548.86	26.456	0
"2014-03-14	12:00:00"	4.81	279.86	66.858	20.889	808.8	26.45	0
"2014-03-14	13:00:00"	3.7699	310.46	69.957	19.327	799.4	26.429	0
"2014-03-14	14:00:00"	3.5934	222.81	72.235	18.578	739.89	26.406	0
"2014-03-14	15:00:00"	4.7075	252.37	72.715	18.831	528.08	26.385	0
"2014-03-14	16:00:00"	5.1698	240.39	73.195	18.726	523.99	26.37	0
"2014-03-14	17:00:00"	4.8336	223.72	74.26	17.618	463.51	26.361	0
"2014-03-14	18:00:00"	6.8823	260.98	73.577	15.456	215.39	26.364	0
"2014-03-14	19:00:00"	3.5387	263.93	71.158	16.114	43.024	26.37	0
"2014-03-14	20:00:00"	3.0385	140.08	66.952	19.011	0.25077	26.373	0
"2014-03-14	21:00:00"	4.459	132.83	63.565	22.908	0.06041	26.379	0
"2014-03-14	22:00:00"	4.9809	142.62	61.365	26.318	0.05533	26.379	0
"2014-03-14	23:00:00"	4.9219	136.21	60.355	28.365	0.0831	26.37	0
"2014-03-15	00:00:00"	4.3061	185.52	57.266	31.684	0.06847	26.373	0
"2014-03-15	01:00:00"	6.5921	228.03	57.05	34.795	0.06995	26.388	0
"2014-03-15	02:00:00"	4.9138	199.85	58.622	34.858	0.06402	26.376	0
"2014-03-15	03:00:00"	6.4567	168.91	57.23	37.105	0.06635	26.361	0
"2014-03-15	04:00:00"	7.0153	214.01	58.336	35.546	0.06211	26.358	0
"2014-03-15	05:00:00"	8.1244	275.93	59.055	30.582	0.06211	26.347	0
"2014-03-15	06:00:00"	9.3063	303.29	55.316	31.106	0.05872	26.347	0
"2014-03-15	07:00:00"	7.6273	299.59	52.845	36.222	0.15178	26.332	0
"2014-03-15	08:00:00"	2.7844	294.17	51.057	38.247	32.654	26.329	0
"2014-03-15	09:00:00"	7.413	266.48	54.159	37.816	244.26	26.335	0
"2014-03-15	10:00:00"	17.102	260.33	61.21	35.044	500.27	26.329	0
"2014-03-15	11:00:00"	17.284	266.79	62.387	33.33	695.9	26.32	0
"2014-03-15	12:00:00"	17.109	272.51	63.208	31.43	839.64	26.302	0
"2014-03-15	13:00:00"	14.792	293.85	65.247	28.939	900.65	26.273	0
"2014-03-15	14:00:00"	16.563	290.79	67.399	24.743	919.69	26.229	0
"2014-03-15	15:00:00"	17.863	306.02	69.032	19.51	732.4	26.208	0
"2014-03-15	16:00:00"	15.66	269.98	70.03	17.681	627.89	26.193	0
"2014-03-15	17:00:00"	16.886	288.23	71.018	13.118	413.94	26.184	0
"2014-03-15	18:00:00"	17.002	284.49	70.257	12.94	224.2	26.205	0
"2014-03-15	19:00:00"	15.498	279.53	67.758	14.218	47.862	26.234	0
"2014-03-15	20:00:00"	16.54	314.68	64.604	19.907	0.40954	26.27	0
"2014-03-15	21:00:00"	16.897	345.87	58.684	36.625	0.05914	26.32	0
"2014-03-15	22:00:00"	18.634	345.98	54.216	48.722	0.0708	26.37	0
"2014-03-15	23:00:00"	23.387	6.1383	50.949	56.583	0.05851	26.394	0
"2014-03-16	00:00:00"	25.517	20	50.522	54.587	0.06338	26.415	0
"2014-03-16	01:00:00"	25.133	26.209	50.671	47.801	0.06402	26.45	0
"2014-03-16	02:00:00"	26.27	24.685	49.521	45.917	0.06826	26.474	0
"2014-03-16	03:00:00"	25.148	14.321	47.195	47.442	0.08585	26.497	0
"2014-03-16	04:00:00"	24.876	9.1306	43.986	53.644	0.07568	26.521	0
"2014-03-16	05:00:00"	22.166	8.9689	42.134	58.611	0.08076	26.542	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-16	06:00:00"	20.229	6.7951	40.951	61.308	0.07631	26.562	0
"2014-03-16	07:00:00"	19.572	4.1956	40.495	61.82	0.22088	26.586	0
"2014-03-16	08:00:00"	19.384	356.24	39.213	64.263	59.598	26.612	0
"2014-03-16	09:00:00"	19.44	358.16	41.414	58.333	265.59	26.639	0
"2014-03-16	10:00:00"	22.395	5.6338	44.816	49.053	478.57	26.654	0
"2014-03-16	11:00:00"	22.138	10.943	47.901	41.555	659.34	26.66	0
"2014-03-16	12:00:00"	23.505	5.6377	50.66	35.315	797.29	26.666	0
"2014-03-16	13:00:00"	21.995	12.819	53.09	29.357	870.8	26.627	0
"2014-03-16	14:00:00"	21.997	12.248	55.19	23.334	879.21	26.601	0
"2014-03-16	15:00:00"	19.377	358.52	55.917	24.351	829.25	26.577	0
"2014-03-16	16:00:00"	18.768	356.66	56.684	23.858	697.17	26.553	0
"2014-03-16	17:00:00"	17.64	359.63	56.947	22.426	447.24	26.547	0
"2014-03-16	18:00:00"	17.107	355.38	56.595	21.351	312.13	26.556	0
"2014-03-16	19:00:00"	13.488	14.669	54.758	21.809	89.718	26.556	0
"2014-03-16	20:00:00"	5.8229	48.686	49.335	26.024	1.2178	26.562	0
"2014-03-16	21:00:00"	5.8347	46.216	44.278	31.029	0.0725	26.571	0
"2014-03-16	22:00:00"	5.7154	35.049	40.604	36.146	0.08543	26.568	0
"2014-03-16	23:00:00"	5.8179	53.467	39.073	37.359	0.09772	26.559	0
"2014-03-17	00:00:00"	5.8844	43.1	38.588	36.653	0.08394	26.55	0
"2014-03-17	01:00:00"	5.7992	42.783	36.65	35.975	0.07504	26.53	0
"2014-03-17	02:00:00"	1.3409	254.95	34.275	38.652	0.08882	26.512	0
"2014-03-17	03:00:00"	0.77671	308.74	33.764	40.361	0.0744	26.485	0
"2014-03-17	04:00:00"	1.3403	238.43	33.167	41.907	0.08797	26.468	0
"2014-03-17	05:00:00"	1.8007	263.07	32.839	43.898	0.08585	26.45	0
"2014-03-17	06:00:00"	1.866	256.68	33.243	41.085	0.07589	26.435	0
"2014-03-17	07:00:00"	2.8521	202.07	32.833	40.413	0.4441	26.418	0
"2014-03-17	08:00:00"	2.6781	223.93	31.503	42.917	74.583	26.412	0
"2014-03-17	09:00:00"	9.2236	204.74	41.72	30.31	279.65	26.403	0
"2014-03-17	10:00:00"	13.623	207.73	48.852	24.074	497.56	26.391	0
"2014-03-17	11:00:00"	12.769	212.06	53.632	20.839	684.09	26.37	0
"2014-03-17	12:00:00"	12.326	206.08	59.272	17.121	823.54	26.332	0
"2014-03-17	13:00:00"	13.311	212.13	64.767	14.278	927.98	26.291	0
"2014-03-17	14:00:00"	14.474	208.77	69.94	11.835	951.49	26.234	0
"2014-03-17	15:00:00"	17.572	206.49	73.246	11.078	885.41	26.184	0
"2014-03-17	16:00:00"	20.422	214.66	75.286	10.08	733.56	26.14	0
"2014-03-17	17:00:00"	21.509	217.87	75.64	9.8442	542.59	26.116	0
"2014-03-17	18:00:00"	21.071	221.05	75.415	9.3994	311.26	26.084	0
"2014-03-17	19:00:00"	19.367	224.88	73.787	9.1364	105.15	26.084	0
"2014-03-17	20:00:00"	13.834	223.28	69.452	10.488	1.344	26.075	0
"2014-03-17	21:00:00"	11.402	218.84	65.269	12.173	0.07334	26.078	0
"2014-03-17	22:00:00"	6.6766	201.32	60.181	14.126	0.06826	26.063	0
"2014-03-17	23:00:00"	8.0101	194.75	58.246	14.609	0.06995	26.048	0
"2014-03-18	00:00:00"	5.8819	167.32	55.487	16.084	0.07419	26.048	0
"2014-03-18	01:00:00"	3.1448	157.15	53.143	18.044	0.06317	26.06	0
"2014-03-18	02:00:00"	5.0163	197.65	50.915	19.603	0.07525	26.057	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-18	03:00:00"	3.5151	207.91	50.429	20.259	0.06805	26.051	0
"2014-03-18	04:00:00"	7.1849	208.26	51.145	20.807	0.05363	26.051	0
"2014-03-18	05:00:00"	4.4677	245.08	47.566	24.046	0.06508	26.063	0
"2014-03-18	06:00:00"	3.1783	219.88	45.966	25.085	0.05745	26.084	0
"2014-03-18	07:00:00"	2.9894	243.44	47.424	23.639	0.66053	26.11	0
"2014-03-18	08:00:00"	3.0845	256.12	47.846	22.832	76.963	26.134	0
"2014-03-18	09:00:00"	9.5685	246.66	57.777	16.999	259.8	26.161	0
"2014-03-18	10:00:00"	17.955	245.25	67.462	11.902	512.33	26.175	0
"2014-03-18	11:00:00"	21.433	253.13	70.905	10.883	733.65	26.178	0
"2014-03-18	12:00:00"	21.529	256.13	72.471	10.478	818.14	26.184	0
"2014-03-18	13:00:00"	19.254	262.02	72.816	10.414	883.53	26.181	0
"2014-03-18	14:00:00"	18.144	274.1	74.99	9.5358	919.07	26.175	0
"2014-03-18	15:00:00"	16.24	317.7	75.016	8.8761	843.17	26.184	0
"2014-03-18	16:00:00"	15.985	327.66	74.531	8.1922	714.35	26.202	0
"2014-03-18	17:00:00"	16.908	321.5	73.078	7.2906	506	26.229	0
"2014-03-18	18:00:00"	16.802	339.22	70.616	6.0809	272.29	26.258	0
"2014-03-18	19:00:00"	14.495	350.56	67.069	5.3461	92.06	26.282	0
"2014-03-18	20:00:00"	11.562	6.2153	61.176	6.0083	0.80743	26.302	0
"2014-03-18	21:00:00"	8.8688	31.655	55.538	8.7539	0.05808	26.338	0
"2014-03-18	22:00:00"	12.018	32.314	53.092	10.58	0.0655	26.391	0
"2014-03-18	23:00:00"	21.311	39.827	50.934	21.852	0.07843	26.42	0
"2014-03-19	00:00:00"	22.767	34.333	46.649	28.547	0.07483	26.447	0
"2014-03-19	01:00:00"	22.502	33.914	42.877	34.803	0.07377	26.48	0
"2014-03-19	02:00:00"	18.007	34.76	40.446	38.466	0.06465	26.524	0
"2014-03-19	03:00:00"	13.265	32.737	38.234	42.45	0.04939	26.556	0
"2014-03-19	04:00:00"	12.528	24.772	36.448	44.601	0.06317	26.574	0
"2014-03-19	05:00:00"	7.6727	29.32	34.624	47.581	0.06699	26.607	0
"2014-03-19	06:00:00"	4.0793	356.19	31.477	52.097	0.07801	26.624	0
"2014-03-19	07:00:00"	4.1744	341.32	29.419	55.488	0.37393	26.642	0
"2014-03-19	08:00:00"	5.5637	342.48	30.38	55.26	60.648	26.663	0
"2014-03-19	09:00:00"	8.683	8.3297	38.418	44.504	298.5	26.719	0
"2014-03-19	10:00:00"	9.6928	22.071	41.141	42.153	462.23	26.725	0
"2014-03-19	11:00:00"	7.8678	41.23	44.318	33.285	641.42	26.731	0
"2014-03-19	12:00:00"	4.9107	30.171	47.068	28.394	747.33	26.725	0
"2014-03-19	13:00:00"	4.1327	15.835	49.615	25.224	902.83	26.701	0
"2014-03-19	14:00:00"	4.0675	0.54571	52.626	22.065	888.02	26.672	0
"2014-03-19	15:00:00"	4.3987	357.16	55.527	19.858	641.41	26.648	0
"2014-03-19	16:00:00"	3.8395	29.703	56.986	18.591	717.37	26.633	0
"2014-03-19	17:00:00"	3.2784	41.778	58.767	17.475	523.23	26.63	0
"2014-03-19	18:00:00"	3.6095	125.39	59.259	17.304	296.49	26.63	0
"2014-03-19	19:00:00"	3.5897	118.23	57.703	18.522	82.921	26.636	0
"2014-03-19	20:00:00"	2.9813	92.919	51.772	22.582	1.1458	26.645	0
"2014-03-19	21:00:00"	3.6313	86.226	47.175	24.257	0.08373	26.663	0
"2014-03-19	22:00:00"	3.402	104.52	45.547	27.621	0.07928	26.674	0
"2014-03-19	23:00:00"	3.2647	114.9	44.04	30.077	0.07419	26.669	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-20	00:00:00"	2.8248	124.74	41.897	31.833	0.07229	26.66	0
"2014-03-20	01:00:00"	1.8498	129.84	40	33.999	0.09369	26.651	0
"2014-03-20	02:00:00"	1.267	27.709	40.843	33.613	0.08458	26.654	0
"2014-03-20	03:00:00"	1.8225	46.796	41.535	33.469	0.09285	26.639	0
"2014-03-20	04:00:00"	1.8716	53.561	39.646	34.882	0.07674	26.633	0
"2014-03-20	05:00:00"	1.848	44.905	39.144	36.732	0.09285	26.636	0
"2014-03-20	06:00:00"	1.861	40.674	38.984	37.89	0.09412	26.633	0
"2014-03-20	07:00:00"	1.7517	59.259	37.181	39.676	0.65035	26.636	0
"2014-03-20	08:00:00"	1.4739	62.294	38.578	38.932	72.173	26.642	0
"2014-03-20	09:00:00"	2.3339	208.75	46.933	30.571	279.11	26.639	0
"2014-03-20	10:00:00"	5.7483	206.5	54.471	25.068	506.41	26.651	0
"2014-03-20	11:00:00"	7.4496	201.52	60.091	21.438	714.5	26.636	0
"2014-03-20	12:00:00"	7.9765	208.59	64.685	18.172	863.3	26.612	0
"2014-03-20	13:00:00"	8.3071	206.96	68.581	15.656	917.15	26.583	0
"2014-03-21	11:00:00"	0.65529	34.395	70.065	47.602	0.12524	29.034	0
"2014-03-21	12:00:00"	0.68724	39.819	71.048	47.214	0.10535	29.013	0
"2014-03-26	12:00:00"	9.1581	144.66	65.643	44.789	537.65	26.32	0
"2014-03-26	13:00:00"	15.273	206.68	64.65	44.381	960.92	26.299	0
"2014-03-26	14:00:00"	16.468	223.27	70.069	30.785	898.36	26.258	0
"2014-03-26	15:00:00"	17.344	222.25	73.409	23.051	899.19	26.226	0
"2014-03-26	16:00:00"	18.463	222.44	75.193	17.714	730.01	26.202	0
"2014-03-26	17:00:00"	18.638	218.94	75.46	15.267	518.63	26.184	0
"2014-03-26	18:00:00"	19.597	217.98	75.003	13.532	268.2	26.172	0
"2014-03-26	19:00:00"	15.699	221.61	74.077	13.069	108.71	26.181	0
"2014-03-26	20:00:00"	10.099	215.05	69.451	14.429	2.2099	26.199	0
"2014-03-26	21:00:00"	6.2187	200.34	64.13	16.313	0.05363	26.202	0
"2014-03-26	22:00:00"	14.603	155.26	57.438	60.836	0.07398	26.19	0
"2014-03-26	23:00:00"	14.377	172.04	52.374	83.422	0.05363	26.211	0
"2014-03-27	00:00:00"	14.069	175.7	51.689	87.486	0.0761	26.202	0
"2014-03-27	01:00:00"	16.888	179.89	51.978	87.277	0.06911	26.193	0
"2014-03-27	02:00:00"	16.336	186.52	52.071	87.36	0.05766	26.193	0
"2014-03-27	03:00:00"	11.759	187.71	51.605	88.914	0.06317	26.178	0
"2014-03-27	04:00:00"	9.3305	195.54	50.752	90.585	0.05808	26.184	0
"2014-03-27	05:00:00"	6.5486	223.69	49.994	91.162	0.06232	26.205	0
"2014-03-27	06:00:00"	8.4475	224.38	49.537	92.194	0.08034	26.223	0
"2014-03-27	07:00:00"	7.0706	218.99	48.172	92.428	1.3185	26.24	0
"2014-03-27	08:00:00"	3.046	239.95	47.092	92.824	84.145	26.27	0
"2014-03-27	09:00:00"	9.0733	260.93	57.708	45.482	344.15	26.291	0
"2014-03-27	10:00:00"	19.238	264.31	66.201	21.601	573.69	26.288	0
"2014-03-27	11:00:00"	23.683	264.53	68.467	18.534	775.9	26.291	0
"2014-03-27	12:00:00"	23.344	248	70.78	16.238	911.33	26.288	0
"2014-03-27	13:00:00"	22.568	246.25	72.819	14.561	985.48	26.264	0
"2014-03-27	14:00:00"	23.977	246.9	74.311	13.102	984.12	26.249	0
"2014-03-27	15:00:00"	23.181	248.63	75.669	12.241	907.29	26.234	0
"2014-03-27	16:00:00"	24.324	248.32	75.954	11.967	767.15	26.226	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-27	17:00:00"	24.283	244.37	75.574	12.434	570.25	26.226	0
"2014-03-27	18:00:00"	22.902	244.94	74.849	12.211	336.54	26.229	0
"2014-03-27	19:00:00"	16.381	249.27	73.47	12.214	114.69	26.234	0
"2014-03-27	20:00:00"	6.7617	224.5	68.555	14.398	3.2471	26.249	0
"2014-03-27	21:00:00"	1.8057	209.09	62.085	17.798	0.06826	26.261	0
"2014-03-27	22:00:00"	2.6154	249.17	60.074	19.096	0.0602	26.273	0
"2014-03-27	23:00:00"	9.3361	300.35	62.364	18.469	0.08585	26.261	0
"2014-03-28	00:00:00"	4.1812	203.92	57.156	22.895	0.04303	26.279	0
"2014-03-28	01:00:00"	2.9789	269.08	57.113	23.538	0.04452	26.288	0
"2014-03-28	02:00:00"	2.7825	263.03	58.497	23.241	0.06041	26.288	0
"2014-03-28	03:00:00"	3.1541	251.55	58.84	24.121	0.05829	26.294	0
"2014-03-28	04:00:00"	4.4173	235.71	58.388	25.699	0.0619	26.314	0
"2014-03-28	05:00:00"	6.1714	277.36	59.851	24.959	0.05003	26.32	0
"2014-03-28	06:00:00"	4.3981	285.45	57.135	27.041	0.05935	26.335	0
"2014-03-28	07:00:00"	5.1126	302.54	54.729	29.333	1.705	26.35	0
"2014-03-28	08:00:00"	5.5644	310.19	54.125	30.331	109.44	26.382	0
"2014-03-28	09:00:00"	7.8224	291.41	58.846	25.442	335.2	26.406	0
"2014-03-28	10:00:00"	10.309	295.6	64.434	21.073	570.62	26.412	0
"2014-03-28	11:00:00"	10.644	308.99	67.717	19.072	646.13	26.459	0
"2014-03-28	12:00:00"	8.404	333.75	72.696	16.424	587.46	26.429	0
"2014-03-28	13:00:00"	15.135	303.5	70.502	17.042	985.6	26.429	0
"2014-03-28	14:00:00"	15.368	289.15	71.535	15.764	989.72	26.418	0
"2014-03-28	15:00:00"	15.877	290.56	72.497	14.1	917.84	26.409	0
"2014-03-28	16:00:00"	14.709	294.46	73.173	12.96	777.03	26.415	0
"2014-03-28	17:00:00"	14.74	303.26	73.11	12.721	576.84	26.418	0
"2014-03-28	18:00:00"	13.197	303.52	72.819	12.679	342.92	26.429	0
"2014-03-28	19:00:00"	10.078	309.34	71.449	12.808	116.02	26.45	0
"2014-03-28	20:00:00"	3.5965	317.88	66.613	14.949	3.3944	26.468	0
"2014-03-28	21:00:00"	4.7491	348.39	61.581	17.441	0.05172	26.497	0
"2014-03-28	22:00:00"	6.0385	15.179	61.951	16.876	0.07631	26.515	0
"2014-03-28	23:00:00"	4.8597	32.708	58.947	18.746	0.08246	26.536	0
"2014-03-29	00:00:00"	12.914	59.081	54.652	35.563	0.07546	26.571	0
"2014-03-29	01:00:00"	10.262	60.291	49.991	46.402	0.07059	26.586	0
"2014-03-29	02:00:00"	10.046	60.869	47.387	50.751	0.07652	26.595	0
"2014-03-29	03:00:00"	10.803	54.372	45.683	53.747	0.08288	26.598	0
"2014-03-29	04:00:00"	11.442	50.765	43.313	57.876	0.08394	26.609	0
"2014-03-29	05:00:00"	11.146	48.898	41.65	61.259	0.07525	26.633	0
"2014-03-29	06:00:00"	10.582	40.576	38.944	65.988	0.06826	26.657	0
"2014-03-29	07:00:00"	9.9196	36.961	37.71	68.386	3.7694	26.683	0
"2014-03-29	08:00:00"	7.5826	24.841	40.508	64.153	110.29	26.719	0
"2014-03-29	09:00:00"	8.0747	41.376	46.722	50.936	325.15	26.745	0
"2014-03-29	10:00:00"	9.9544	85.389	52.149	37.333	552.06	26.754	0
"2014-03-29	11:00:00"	10.517	109.12	56.7	31.595	740.33	26.748	0
"2014-03-29	12:00:00"	11.913	119.65	60.692	29.034	887.63	26.731	0
"2014-03-29	13:00:00"	12.25	136.59	63.871	25.663	969.54	26.701	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-29	14:00:00"	11.287	142.64	65.995	24.082	967.25	26.663	0
"2014-03-29	15:00:00"	11.313	148.49	68.282	21.871	897.36	26.621	0
"2014-03-29	16:00:00"	12.441	149.74	70.13	19.865	777.07	26.589	0
"2014-03-29	17:00:00"	13.671	150.85	70.993	18.437	554.63	26.571	0
"2014-03-29	18:00:00"	12.231	154.53	70.878	18.381	311.84	26.562	0
"2014-03-29	19:00:00"	11.283	159.48	69.193	19.776	91.809	26.559	0
"2014-03-29	20:00:00"	6.6567	155.3	64.155	23.169	2.9122	26.559	0
"2014-03-29	21:00:00"	6.1454	135.89	59.807	27.147	0.05003	26.565	0
"2014-03-29	22:00:00"	7.5515	132.68	59.109	28.833	0.0725	26.574	0
"2014-03-29	23:00:00"	8.4873	129.7	58.578	30.027	0.04748	26.565	0
"2014-03-30	00:00:00"	7.6149	127.27	57.176	31.816	0.07589	26.562	0
"2014-03-30	01:00:00"	5.8272	111.5	54.448	35.003	0.06105	26.553	0
"2014-03-30	02:00:00"	5.7526	92.068	51.426	38.64	0.0814	26.542	0
"2014-03-30	03:00:00"	5.5408	89.503	49.607	40.144	0.06338	26.518	0
"2014-03-30	04:00:00"	5.4507	116.97	49.31	43.681	0.0602	26.5	0
"2014-03-30	05:00:00"	9.2491	155.4	51.523	45.179	0.08522	26.494	0
"2014-03-30	06:00:00"	12.106	162.18	53.029	43.926	0.06169	26.488	0
"2014-03-30	07:00:00"	12.156	165.34	52.42	46.112	3.6003	26.491	0
"2014-03-30	08:00:00"	11.411	166.32	53.384	47.261	116.46	26.494	0
"2014-03-30	09:00:00"	15.368	169.58	58.149	42.43	333.17	26.494	0
"2014-03-30	10:00:00"	16.591	171.23	62.656	37.724	563.71	26.485	0
"2014-03-30	11:00:00"	17.544	171.18	66.976	33.194	781.95	26.462	0
"2014-03-30	12:00:00"	17.902	177.66	70.484	29.32	775.59	26.435	0
"2014-03-30	13:00:00"	16.427	180.09	74.401	25.709	954.43	26.409	0
"2014-03-30	14:00:00"	17.083	185.76	77.658	22.924	983.19	26.367	0
"2014-03-30	15:00:00"	17.767	175.83	79.806	21.461	907.4	26.326	0
"2014-03-30	16:00:00"	17.126	177.53	80.316	21.367	612.65	26.299	0
"2014-03-30	17:00:00"	18.293	160.69	80.502	21.512	512.09	26.27	0
"2014-03-30	18:00:00"	19.259	151.09	78.716	23.467	241.97	26.255	0
"2014-03-30	19:00:00"	18.24	151.63	76.45	26.113	80.975	26.264	0
"2014-03-30	20:00:00"	17.229	158.31	73.332	29.828	2.916	26.273	0
"2014-03-30	21:00:00"	15.524	165.07	70.386	33.034	0.0744	26.291	0
"2014-03-30	22:00:00"	17.596	165.64	68.171	35.972	0.05935	26.294	0
"2014-03-30	23:00:00"	16.134	168.69	66.255	38.295	0.06826	26.296	0
"2014-03-31	00:00:00"	14.631	176.26	64.898	41.648	0.05469	26.299	0
"2014-03-31	01:00:00"	12.006	178.43	63.228	45.077	0.07504	26.296	0
"2014-03-31	02:00:00"	10.545	191.6	61.871	48.901	0.0513	26.302	0
"2014-03-31	03:00:00"	9.1584	195.01	61.153	52.915	0.06041	26.288	0
"2014-03-31	04:00:00"	6.2025	211.18	60.214	56.77	0.05045	26.294	0
"2014-03-31	05:00:00"	3.9643	211.79	56.778	62.905	0.06974	26.302	0
"2014-03-31	06:00:00"	2.7651	222.18	55.172	66.638	0.06826	26.314	0
"2014-03-31	07:00:00"	2.68	175.62	51.719	73.953	3.5227	26.329	0
"2014-03-31	08:00:00"	3.0385	224.11	52.755	70.687	125.15	26.361	0
"2014-03-31	09:00:00"	6.4243	247.77	60.331	48.492	348.53	26.388	0
"2014-03-31	10:00:00"	7.5969	316.18	68.208	27.499	600.52	26.406	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-03-31	11:00:00"	14.962	289.86	74.236	13.284	811.83	26.4	0
"2014-03-31	12:00:00"	15.851	287.45	75.937	10.133	955.31	26.406	0
"2014-03-31	13:00:00"	13.335	263.4	77.234	10.026	1023	26.382	0
"2014-03-31	14:00:00"	15.133	246.67	79.294	9.0858	1018.4	26.367	0
"2014-03-31	15:00:00"	14.349	243.07	80.477	8.5645	939.56	26.341	0
"2014-03-31	16:00:00"	12.536	222.36	81.718	8.785	789.05	26.323	0
"2014-03-31	17:00:00"	12.222	236.87	82.235	7.5272	581.7	26.314	0
"2014-03-31	18:00:00"	12.347	258.08	81.342	6.1945	310.99	26.32	0
"2014-03-31	19:00:00"	11.26	263.62	78.789	6.2345	137.13	26.332	0
"2014-03-31	20:00:00"	4.9051	274.9	72.88	7.6075	6.7564	26.353	0
"2014-03-31	21:00:00"	3.0578	201.82	66.999	9.7042	0.0744	26.373	0
"2014-03-31	22:00:00"	3.5549	254.45	63.636	11.455	0.06571	26.388	0
"2014-03-31	23:00:00"	4.1153	294.08	63.393	11.671	0.05109	26.382	0
"2014-04-01	00:00:00"	4.6317	345.97	59.668	12.933	0.04876	26.367	0
"2014-04-01	01:00:00"	3.8966	305.6	59.546	13.029	0.06423	26.37	0
"2014-04-01	02:00:00"	1.9983	311.33	58.379	13.881	0.04748	26.367	0
"2014-04-01	03:00:00"	4.3477	325.37	60.221	13.034	0.06635	26.361	0
"2014-04-01	04:00:00"	4.2253	265.04	57.446	15.414	0.06232	26.373	0
"2014-04-01	05:00:00"	1.8691	200.05	51.907	18.306	0.08776	26.37	0
"2014-04-01	06:00:00"	1.8498	179.13	51.587	18.592	0.06889	26.379	0
"2014-04-01	07:00:00"	2.4258	213.79	53.194	18.318	3.79	26.385	0
"2014-04-01	08:00:00"	1.9294	231.3	53.543	18.708	90.742	26.394	0
"2014-04-01	09:00:00"	6.2379	235.38	60.521	23.432	308.9	26.409	0
"2014-04-01	10:00:00"	9.6418	200.21	67.909	23.418	490.25	26.409	0
"2014-04-01	11:00:00"	9.0124	227.25	74.255	12.872	597.22	26.397	0
"2014-04-01	12:00:00"	8.9359	242.14	76.961	10.215	600.1	26.376	0
"2014-04-01	13:00:00"	12.867	239.54	79.302	9.3911	814.24	26.347	0
"2014-04-01	14:00:00"	16.212	231.53	79.902	9.4392	692.1	26.326	0
"2014-04-01	15:00:00"	16.55	229.61	79.818	9.2025	604.08	26.299	0
"2014-04-01	16:00:00"	14.162	240.42	81.777	8.5872	715.73	26.27	0
"2014-04-01	17:00:00"	15.075	237.45	82.884	7.7661	537.73	26.264	0
"2014-04-01	18:00:00"	15.102	241.89	82.346	7.2978	268.87	26.261	0
"2014-04-01	19:00:00"	12.49	244.67	79.667	7.9697	64.294	26.267	0
"2014-04-01	20:00:00"	5.8695	244.81	75.486	9.0289	5.6726	26.27	0
"2014-04-01	21:00:00"	3.4586	268.52	72.351	9.9392	0.03985	26.276	0
"2014-04-01	22:00:00"	3.1678	134.89	69.438	11.286	0.05872	26.276	0
"2014-04-01	23:00:00"	5.5911	128.96	66.567	12.514	0.07165	26.285	0
"2014-04-02	00:00:00"	8.6302	152.85	65.626	21.62	0.05511	26.285	0
"2014-04-02	01:00:00"	8.5414	163.29	64.001	52.985	0.06953	26.288	0
"2014-04-02	02:00:00"	5.5762	177.29	61.163	69.874	0.07398	26.279	0
"2014-04-02	03:00:00"	3.0261	233.58	58.641	77.892	0.0672	26.273	0
"2014-04-02	04:00:00"	2.0425	204.25	57.019	78.604	0.07101	26.261	0
"2014-04-02	05:00:00"	3.6406	153.19	55.363	88.026	0.06211	26.252	0
"2014-04-02	06:00:00"	2.6415	196.39	54.031	90.65	0.09666	26.261	0
"2014-04-02	07:00:00"	1.6013	233.59	52.748	92.289	2.3432	26.267	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-02	08:00:00"	3.6512	135.78	53.023	92.914	96.896	26.285	0
"2014-04-02	09:00:00"	7.6534	183.89	59.7	81.247	312.64	26.294	0
"2014-04-02	10:00:00"	7.7441	226.25	68.28	42.24	591.4	26.296	0
"2014-04-02	11:00:00"	9.8133	236.15	74.567	18.303	821.07	26.288	0
"2014-04-02	12:00:00"	17.229	233.26	77.688	12.454	962.17	26.258	0
"2014-04-02	13:00:00"	19.23	232.43	79.08	11.332	906.77	26.243	0
"2014-04-02	14:00:00"	18.371	227.01	79.758	10.218	813.53	26.223	0
"2014-04-02	15:00:00"	18.05	232.7	81.264	8.8236	875.92	26.187	0
"2014-04-02	16:00:00"	19.164	231.39	82.245	7.8947	708.53	26.167	0
"2014-04-02	17:00:00"	17.823	220.56	83.199	7.2592	537	26.158	0
"2014-04-02	18:00:00"	18.869	243.54	81.125	7.4747	257.84	26.164	0
"2014-04-02	19:00:00"	13.457	237.86	78.045	8.7456	55.571	26.161	0
"2014-04-02	20:00:00"	5.3096	209.06	72.911	10.388	3.0989	26.152	0
"2014-04-02	21:00:00"	4.9722	206.4	68.762	11.624	0.06253	26.167	0
"2014-04-02	22:00:00"	3.7947	240.62	64.217	13.808	0.06105	26.181	0
"2014-04-02	23:00:00"	4.9051	225.4	62.421	14.169	0.05639	26.19	0
"2014-04-03	00:00:00"	3.9513	225.77	61.551	14.036	0.05829	26.193	0
"2014-04-03	01:00:00"	5.4991	239.25	60.323	14.294	0.06402	26.196	0
"2014-04-03	02:00:00"	3.2193	228.05	57.653	15.616	0.0602	26.199	0
"2014-04-03	03:00:00"	3.0578	188.04	55.126	16.25	0.05511	26.199	0
"2014-04-03	04:00:00"	2.7539	238.99	55	16.457	0.05829	26.205	0
"2014-04-03	05:00:00"	6.3666	189.74	53.578	21.458	0.06126	26.199	0
"2014-04-03	06:00:00"	9.2317	203.5	55.328	23.948	0.05469	26.208	0
"2014-04-03	07:00:00"	8.6911	220.13	57.808	23.585	8.0987	26.232	0
"2014-04-03	08:00:00"	7.0718	274.21	57.875	23.294	142.32	26.255	0
"2014-04-03	09:00:00"	9.4629	292.89	62.673	18.353	371.11	26.264	0
"2014-04-03	10:00:00"	16.279	289.22	65.878	15.321	603.01	26.279	0
"2014-04-03	11:00:00"	17.636	279.12	66.961	16.315	796.68	26.299	0
"2014-04-03	12:00:00"	19.22	268.04	67.99	15.85	935.45	26.305	0
"2014-04-03	13:00:00"	21.343	261.08	68.58	14.945	1001.6	26.311	0
"2014-04-03	14:00:00"	23.216	255.99	69.262	13.402	994.48	26.311	0
"2014-04-03	15:00:00"	25.687	250.11	70.304	9.3997	903.51	26.294	0
"2014-04-03	16:00:00"	25.167	259.44	70.705	5.7711	791.01	26.296	0
"2014-04-03	17:00:00"	18.501	300.09	69.112	7.4936	602.87	26.317	0
"2014-04-03	18:00:00"	17.851	307.06	68.018	7.3953	371.01	26.338	0
"2014-04-03	19:00:00"	17.761	315.57	65.845	7.4833	144.11	26.37	0
"2014-04-03	20:00:00"	11.925	328.86	61.511	9.5203	7.9802	26.403	0
"2014-04-03	21:00:00"	9.2068	348.26	57.422	12.457	0.06508	26.426	0
"2014-04-03	22:00:00"	14.164	1.4344	54.326	22.657	0.0602	26.468	0
"2014-04-03	23:00:00"	18.062	15.5	50.709	40.393	0.0496	26.488	0
"2014-04-04	00:00:00"	16.512	20.678	47.276	45.253	0.08606	26.506	0
"2014-04-04	01:00:00"	16.448	21.546	44.787	43.904	0.07716	26.515	0
"2014-04-04	02:00:00"	14.511	25.845	42.579	48.496	0.07123	26.539	0
"2014-04-04	03:00:00"	11.819	31.978	39.835	54.549	0.06105	26.55	0
"2014-04-04	04:00:00"	8.9328	29.641	36.763	60.31	0.09454	26.542	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-04	05:00:00"	8.5538	30.829	35.009	64.692	0.06995	26.562	0
"2014-04-04	06:00:00"	4.4161	15.378	32.434	69.539	0.07377	26.583	0
"2014-04-04	07:00:00"	3.0621	309.79	31.733	70.399	9.5948	26.604	0
"2014-04-04	08:00:00"	3.1721	303.8	34.574	64.28	119.06	26.627	0
"2014-04-04	09:00:00"	3.8929	300.61	39.547	53.919	335.96	26.639	0
"2014-04-04	10:00:00"	5.2785	103.44	45.367	39.766	545.28	26.651	0
"2014-04-04	11:00:00"	6.1367	99.044	49.042	31.913	740.31	26.636	0
"2014-04-04	12:00:00"	7.27	105.89	53.115	24.371	868.51	26.612	0
"2014-04-04	13:00:00"	8.5675	124.1	56.257	20.442	918.58	26.574	0
"2014-04-04	14:00:00"	9.1199	128.53	59.302	17.668	926.51	26.539	0
"2014-04-04	15:00:00"	10.048	107.84	60.925	16.813	828.38	26.5	0
"2014-04-04	16:00:00"	10.402	115.15	62.137	15.837	552.11	26.48	0
"2014-04-04	17:00:00"	10.798	130.21	62.227	15.663	391.14	26.471	0
"2014-04-04	18:00:00"	11.239	123.7	62.322	15.537	243.48	26.456	0
"2014-04-04	19:00:00"	11.081	126.79	61.154	16.043	81.938	26.453	0
"2014-04-04	20:00:00"	7.5695	113.44	58.39	17.425	3.9159	26.453	0
"2014-04-04	21:00:00"	5.7756	73.394	54.209	19.89	0.07038	26.459	0
"2014-04-04	22:00:00"	6.74	78.18	53.134	21.746	0.07123	26.462	0
"2014-04-04	23:00:00"	8.6023	100.61	54.581	20.676	0.05278	26.456	0
"2014-04-05	00:00:00"	10.166	107.46	54.671	20.937	0.0814	26.444	0
"2014-04-05	01:00:00"	12.364	109.37	54.811	21.845	0.04982	26.426	0
"2014-04-05	02:00:00"	13.406	115.36	54.586	22.372	0.06296	26.418	0
"2014-04-05	03:00:00"	10.525	96.819	53.445	24.018	0.05723	26.397	0
"2014-04-05	04:00:00"	11.332	102.32	52.433	26.221	0.06635	26.376	0
"2014-04-05	05:00:00"	11.032	100.23	51.706	28.812	0.07716	26.364	0
"2014-04-05	06:00:00"	11.7	104.44	51.443	31.49	0.07271	26.358	0
"2014-04-05	07:00:00"	13.97	111.99	50.907	33.951	2.4172	26.356	0
"2014-04-05	08:00:00"	11.401	107.18	49.856	35.063	90.347	26.373	0
"2014-04-05	09:00:00"	15.211	116.04	53.264	27.783	368.31	26.37	0
"2014-04-05	10:00:00"	18.17	125.37	56.22	23.327	586.77	26.373	0
"2014-04-05	11:00:00"	19.623	139.08	59.722	23.33	776.26	26.353	0
"2014-04-05	12:00:00"	18.484	146.49	61.82	25.743	923.67	26.329	0
"2014-04-05	13:00:00"	18.343	146.74	64.019	24.619	962.08	26.308	0
"2014-04-05	14:00:00"	16.983	146.32	65.412	23.616	916.98	26.276	0
"2014-04-05	15:00:00"	14.393	141.78	67.499	22.696	922.93	26.258	0
"2014-04-05	16:00:00"	12.188	147.95	68.807	22.47	740.67	26.229	0
"2014-04-05	17:00:00"	11.839	148.14	69.582	22.087	565.15	26.217	0
"2014-04-05	18:00:00"	11.415	143	69.385	22.688	315.39	26.226	0
"2014-04-05	19:00:00"	10.457	141.97	67.811	24.193	82.78	26.223	0
"2014-04-05	20:00:00"	9.6319	123.78	64.288	28.634	3.4989	26.232	0
"2014-04-05	21:00:00"	11.28	125.76	61.746	32.978	0.05448	26.252	0
"2014-04-05	22:00:00"	9.5287	132.47	59.103	37.571	0.06211	26.276	0
"2014-04-05	23:00:00"	10.529	128.42	57.451	39.84	0.0566	26.288	0
"2014-04-06	00:00:00"	4.6839	169.21	56.006	41.756	0.05745	26.288	0
"2014-04-06	01:00:00"	5.3581	148.7	55.295	43.519	0.0761	26.294	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-06	02:00:00"	3.7506	116.67	53.416	46.48	0.06571	26.294	0
"2014-04-06	03:00:00"	2.0841	54.559	51.646	49.058	0.07568	26.276	0
"2014-04-06	04:00:00"	2.6719	31.519	49.346	52.912	0.07525	26.279	0
"2014-04-06	05:00:00"	6.9407	32.68	45.495	55.992	0.07207	26.276	0
"2014-04-06	06:00:00"	6.9016	43.901	42.708	56.05	0.06783	26.276	0
"2014-04-06	07:00:00"	6.9861	51.878	42.329	55.406	2.7943	26.285	0
"2014-04-06	08:00:00"	6.3659	63.908	43.864	52.355	91.799	26.288	0
"2014-04-06	09:00:00"	4.3483	100.1	49.444	46.469	298.61	26.288	0
"2014-04-06	10:00:00"	4.2974	255.39	54.679	47.569	377.42	26.291	0
"2014-04-06	11:00:00"	7.0495	287.41	57.641	41.838	656.97	26.291	0
"2014-04-06	12:00:00"	8.3916	312.59	62.641	27.773	936.96	26.27	0
"2014-04-06	13:00:00"	9.3001	349.27	65.604	22.725	836.25	26.237	0
"2014-04-06	14:00:00"	7.7845	339.17	65.604	20.818	394.65	26.223	0
"2014-04-06	15:00:00"	10.839	32.469	65.842	21.944	503.42	26.205	0
"2014-04-06	16:00:00"	11.815	35.527	64.337	22.979	243.7	26.24	0
"2014-04-06	17:00:00"	14.592	265.11	62.703	23.051	235.88	26.229	0
"2014-04-06	18:00:00"	10.547	244.23	63.994	20.234	237.5	26.229	0
"2014-04-06	19:00:00"	12.168	292.12	64.287	18.891	121.1	26.243	0
"2014-04-06	20:00:00"	7.3303	317.88	60.453	24.772	7.6976	26.249	0
"2014-04-06	21:00:00"	5.3401	319.86	56.724	27.964	0.05893	26.267	0
"2014-04-06	22:00:00"	6.735	327.79	54.503	29.566	0.09327	26.299	0
"2014-04-06	23:00:00"	8.332	2.215	51.542	40.539	0.06889	26.299	0
"2014-04-07	00:00:00"	7.4869	16.086	48.243	46.926	0.06465	26.305	0
"2014-04-07	01:00:00"	7.8908	22.284	48.422	47.955	0.08182	26.314	0
"2014-04-07	02:00:00"	7.641	16.155	46.672	53.688	0.06932	26.32	0
"2014-04-07	03:00:00"	6.6536	9.4024	44.102	62.047	0.08352	26.329	0
"2014-04-07	04:00:00"	9.1919	356.38	44.747	63.919	0.06402	26.335	0
"2014-04-07	05:00:00"	8.0965	348.54	44.884	65.878	0.08458	26.35	0
"2014-04-07	06:00:00"	5.3879	328.76	42.025	70.496	0.07292	26.367	0
"2014-04-07	07:00:00"	7.4832	319.04	40.624	71.837	10.535	26.382	0
"2014-04-07	08:00:00"	9.9407	329.03	43.886	63.743	113.63	26.412	0
"2014-04-07	09:00:00"	12.644	343.61	49.988	54.159	293.82	26.432	0
"2014-04-07	10:00:00"	15.964	351.98	54.947	43.853	402.41	26.45	0
"2014-04-07	11:00:00"	18.184	7.9174	57.636	36.975	573.29	26.471	0
"2014-04-07	12:00:00"	17.603	11.51	59.974	29.776	619.63	26.474	0
"2014-04-07	13:00:00"	16.395	10.769	61.652	25.788	844.52	26.474	0
"2014-04-07	14:00:00"	14.896	352.2	63.248	23.477	765.4	26.468	0
"2014-04-07	15:00:00"	15.885	350.98	61.699	30.683	860.56	26.471	0.01
"2014-04-07	16:00:00"	16.223	355.88	58.278	35.157	247.34	26.5	0.01
"2014-04-07	17:00:00"	9.2211	337.06	57.884	37.015	374.79	26.512	0
"2014-04-07	18:00:00"	7.3067	311.76	59.205	33.348	332.74	26.518	0
"2014-04-07	19:00:00"	5.8117	44.336	58.496	34.44	127.06	26.53	0
"2014-04-07	20:00:00"	3.2945	61.022	56.004	36.711	8.7234	26.547	0
"2014-04-07	21:00:00"	5.6246	51.593	51.7	39.702	0.06847	26.574	0
"2014-04-07	22:00:00"	6.5859	50.342	48.314	42.824	0.0744	26.586	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-07	23:00:00"	5.5992	40.911	45.647	47.181	0.08373	26.601	0
"2014-04-08	00:00:00"	5.8533	19.939	43.146	50.536	0.08712	26.615	0
"2014-04-08	01:00:00"	5.6408	11.24	43.048	49.983	0.05914	26.642	0
"2014-04-08	02:00:00"	4.3247	346.52	42.247	51.894	0.07059	26.651	0
"2014-04-08	03:00:00"	5.57	349.74	40.063	56.634	0.08946	26.657	0
"2014-04-08	04:00:00"	7.1277	4.6833	41.144	54.894	0.0744	26.663	0
"2014-04-08	05:00:00"	7.0215	6.2584	40.11	55.834	0.06063	26.666	0
"2014-04-08	06:00:00"	6.7133	7.4718	39.234	55.706	0.11065	26.674	0
"2014-04-08	07:00:00"	6.1124	8.5097	38.929	54.594	10.996	26.683	0
"2014-04-08	08:00:00"	2.8577	336.48	43.822	47.679	155.24	26.704	0
"2014-04-08	09:00:00"	3.4026	11.039	53.415	31.345	380.64	26.722	0
"2014-04-08	10:00:00"	2.6545	282.95	58.468	24.711	620.31	26.728	0
"2014-04-08	11:00:00"	6.584	242.54	60.534	25.399	817.61	26.731	0
"2014-04-08	12:00:00"	7.5584	240.76	62.976	23.061	955.35	26.713	0
"2014-04-08	13:00:00"	7.6683	246.08	65.731	20.584	1023.1	26.689	0
"2014-04-08	14:00:00"	8.3102	220.27	67.768	18.472	1017.4	26.666	0
"2014-04-08	15:00:00"	7.6559	223.65	69.355	17.383	938.67	26.642	0
"2014-04-08	16:00:00"	6.6325	223.23	70.571	16.195	800.35	26.627	0
"2014-04-08	17:00:00"	7.0078	235.7	71.817	15.231	604.66	26.615	0
"2014-04-08	18:00:00"	4.9685	227.28	71.796	14.86	371.73	26.612	0
"2014-04-08	19:00:00"	5.0406	212.41	71.262	14.902	142.56	26.612	0
"2014-04-08	20:00:00"	4.1048	156.37	65.635	17.337	8.2778	26.618	0
"2014-04-08	21:00:00"	5.0486	132.42	60.718	19.974	0.07419	26.624	0
"2014-04-08	22:00:00"	5.6632	122.42	59.082	21.309	0.07525	26.627	0
"2014-04-08	23:00:00"	5.8285	119.02	57.98	22.086	0.06847	26.621	0
"2014-04-09	00:00:00"	6.5424	131.65	57.036	23.001	0.07419	26.624	0
"2014-04-09	01:00:00"	5.8676	135.35	55.316	24.542	0.07674	26.624	0
"2014-04-09	02:00:00"	3.5387	157.69	52.133	27.151	0.08416	26.615	0
"2014-04-09	03:00:00"	2.0915	171.27	51.758	27.441	0.06783	26.609	0
"2014-04-09	04:00:00"	2.2289	172.8	50.932	28.327	0.08776	26.589	0
"2014-04-09	05:00:00"	4.2657	145.8	51.267	28.29	0.07334	26.574	0
"2014-04-09	06:00:00"	6.9823	135.14	52.408	27.281	0.08818	26.577	0
"2014-04-09	07:00:00"	3.1665	178.48	49.658	29.452	14.617	26.586	0
"2014-04-09	08:00:00"	4.71	221.45	51.705	28.2	166.11	26.595	0
"2014-04-09	09:00:00"	11.679	195.46	60.39	21.25	400.33	26.604	0
"2014-04-09	10:00:00"	11.093	198.08	66.844	16.986	636.27	26.604	0
"2014-04-09	11:00:00"	12.686	203.7	72.666	13.02	833.02	26.595	0
"2014-04-09	12:00:00"	12.952	207.53	77.495	10.169	971.03	26.571	0
"2014-04-09	13:00:00"	12.77	210.71	80.373	8.967	1040.5	26.545	0
"2014-04-09	14:00:00"	14.332	217.82	83.902	7.2183	1034.8	26.512	0
"2014-04-09	15:00:00"	14.346	225.34	85.257	6.5481	957.03	26.471	0
"2014-04-09	16:00:00"	13.958	229.4	86.481	6.1328	812.6	26.444	0
"2014-04-09	17:00:00"	12.399	231.12	86.957	5.6983	613.88	26.42	0
"2014-04-09	18:00:00"	14.067	226.55	86.952	5.3308	381.69	26.415	0
"2014-04-09	19:00:00"	12.302	234.53	84.554	5.2314	148.04	26.415	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-09	20:00:00"	4.1557	220.75	76.647	6.7656	7.2559	26.423	0
"2014-04-09	21:00:00"	1.9064	190.6	70.434	8.0345	0.06275	26.438	0
"2014-04-09	22:00:00"	3.7767	148.43	67.804	8.9961	0.08055	26.453	0
"2014-04-09	23:00:00"	9.0751	155.17	66.794	13.939	0.05745	26.444	0
"2014-04-10	00:00:00"	12.853	162.56	67.204	18.001	0.05533	26.444	0
"2014-04-10	01:00:00"	10.289	172.09	64.716	20.216	0.07504	26.432	0
"2014-04-10	02:00:00"	10.872	172.22	61.635	22.697	0.06359	26.42	0
"2014-04-10	03:00:00"	8.3699	185.15	58.508	25.305	0.07207	26.406	0
"2014-04-10	04:00:00"	5.222	215.66	54.136	29.851	0.0778	26.394	0
"2014-04-10	05:00:00"	4.7336	216.89	51.466	33.925	0.05596	26.391	0
"2014-04-10	06:00:00"	4.3334	226.53	51.009	35.391	0.07483	26.406	0
"2014-04-10	07:00:00"	4.9405	245.84	50.334	35.777	14.583	26.423	0
"2014-04-10	08:00:00"	5.396	240.63	52.99	34.198	169.86	26.441	0
"2014-04-10	09:00:00"	7.6565	228.52	61.211	25.778	427.52	26.453	0
"2014-04-10	10:00:00"	8.816	240.55	69.859	16.963	524.98	26.456	0
"2014-04-10	11:00:00"	10.258	284.43	78.532	8.6683	577.25	26.471	0
"2014-04-10	12:00:00"	11.022	298.7	82.238	6.3572	751.19	26.453	0
"2014-04-10	13:00:00"	11.944	302.09	84.625	5.3692	725.1	26.441	0
"2014-04-10	14:00:00"	12.61	305.7	86.253	4.2683	983.03	26.423	0
"2014-04-10	15:00:00"	10.837	279.25	86.697	3.7489	745.23	26.409	0
"2014-04-10	16:00:00"	13.148	281.77	85.752	3.7353	517.02	26.391	0
"2014-04-10	17:00:00"	9.251	263.36	85.694	4.0264	453.96	26.37	0
"2014-04-10	18:00:00"	7.0196	249.82	86.528	3.8569	332.07	26.361	0
"2014-04-10	19:00:00"	9.4038	234.87	84.895	5.2575	155.12	26.367	0
"2014-04-10	20:00:00"	3.4573	220.95	76.857	6.9806	11.118	26.379	0
"2014-04-10	21:00:00"	1.7144	226.19	70.663	8.0408	0.05808	26.4	0
"2014-04-10	22:00:00"	0.76988	42.575	67.868	8.6675	0.08034	26.409	0
"2014-04-10	23:00:00"	1.3254	173.16	66.676	8.6995	0.05596	26.403	0
"2014-04-11	00:00:00"	2.2655	186.25	63.679	9.4861	0.07504	26.397	0
"2014-04-11	01:00:00"	1.5087	223.43	62.703	9.8786	0.07525	26.397	0
"2014-04-11	02:00:00"	1.6137	237.76	61.149	10.522	0.07356	26.391	0
"2014-04-11	03:00:00"	2.5402	187.22	57.1	11.398	0.06911	26.385	0
"2014-04-11	04:00:00"	2.8695	187.25	54.11	12.405	0.08564	26.385	0
"2014-04-11	05:00:00"	3.3492	223.74	54.063	12.161	0.09158	26.391	0
"2014-04-11	06:00:00"	4.3751	359.27	52.926	12.626	0.0708	26.409	0
"2014-04-11	07:00:00"	4.0681	300.21	53.058	12.91	10.515	26.42	0
"2014-04-11	08:00:00"	3.4635	255.68	49.61	16.483	193.03	26.45	0
"2014-04-11	09:00:00"	6.3722	298.99	62.366	10.722	366.27	26.453	0
"2014-04-11	10:00:00"	5.7682	299.64	69.761	8.7025	520.61	26.471	0
"2014-04-11	11:00:00"	6.9221	1.7946	76.993	7.7778	664.49	26.48	0
"2014-04-11	12:00:00"	8.0598	29.375	78.441	9.7325	729.4	26.471	0
"2014-04-11	13:00:00"	8.8483	44.928	78.606	11.468	818.7	26.453	0
"2014-04-11	14:00:00"	7.431	58.141	79.987	13.519	747.74	26.432	0
"2014-04-11	15:00:00"	5.337	87.575	82.004	11.591	581.32	26.412	0
"2014-04-11	16:00:00"	3.9967	135.37	83.746	9.4611	510.8	26.391	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-11	17:00:00"	5.5302	130.31	84.504	7.9594	403.15	26.373	0
"2014-04-11	18:00:00"	7.8728	134.69	85.2	6.6508	319.62	26.364	0
"2014-04-11	19:00:00"	10.737	189	83.547	6.5833	75.386	26.373	0
"2014-04-11	20:00:00"	7.6143	285.58	81.88	6.4275	5.7281	26.364	0
"2014-04-11	21:00:00"	2.1425	159.42	75.261	7.9506	0.09475	26.376	0
"2014-04-11	22:00:00"	4.3384	135.77	70.64	9.2181	0.07207	26.379	0
"2014-04-11	23:00:00"	5.4929	129.26	70.166	9.9311	0.05533	26.37	0
"2014-04-12	00:00:00"	5.5476	142.79	67.834	10.153	0.08712	26.364	0
"2014-04-12	01:00:00"	4.6081	152.56	61.191	12.659	0.05872	26.358	0
"2014-04-12	02:00:00"	2.9484	134.64	58.828	13.517	0.06126	26.347	0
"2014-04-12	03:00:00"	3.86	176.9	58.198	15.249	0.05893	26.341	0
"2014-04-12	04:00:00"	3.6822	192.69	57.432	28.573	0.07546	26.341	0
"2014-04-12	05:00:00"	2.1232	206.23	56.591	41.001	0.07907	26.329	0
"2014-04-12	06:00:00"	1.8977	218.41	55.994	47.025	0.06126	26.329	0
"2014-04-12	07:00:00"	2.7048	212.92	54.464	54.281	10.158	26.344	0
"2014-04-12	08:00:00"	3.7444	217.9	54.813	57.178	78.418	26.358	0
"2014-04-12	09:00:00"	6.9072	211.24	62.447	43.271	344.35	26.364	0
"2014-04-12	10:00:00"	9.0043	211	73.164	22.311	644.96	26.367	0
"2014-04-12	11:00:00"	9.5157	220.74	78.666	17.089	722.08	26.361	0
"2014-04-12	12:00:00"	13.562	240.71	82.771	11.37	709.55	26.335	0
"2014-04-12	13:00:00"	12.877	236.21	84.096	9.7925	786.93	26.302	0
"2014-04-12	14:00:00"	14.371	229.06	84.471	9.9517	687.17	26.282	0
"2014-04-12	15:00:00"	17.682	227.28	83.19	11.795	451.11	26.261	0
"2014-04-12	16:00:00"	17.481	211.56	82.488	11.358	280.23	26.234	0
"2014-04-12	17:00:00"	14.396	206.07	81.943	12.584	156.94	26.22	0
"2014-04-12	18:00:00"	10.54	197.47	81.893	12.61	113.8	26.202	0
"2014-04-12	19:00:00"	17.38	220.86	81.847	13.105	38.771	26.211	0
"2014-04-12	20:00:00"	23.721	218.33	79.269	16.704	1.7401	26.226	0
"2014-04-12	21:00:00"	28.158	198.81	74.107	25.777	0.0655	26.24	0
"2014-04-12	22:00:00"	20.401	198.14	73.041	29.865	0.0549	26.246	0
"2014-04-12	23:00:00"	14.43	202.78	72.334	28.032	0.05172	26.24	0
"2014-04-13	00:00:00"	14.132	212.37	71.195	29.451	0.07144	26.234	0
"2014-04-13	01:00:00"	13.117	208.04	69.873	31.612	0.06805	26.226	0
"2014-04-13	02:00:00"	10.67	199.23	67.949	33.778	0.06656	26.22	0
"2014-04-13	03:00:00"	9.5977	204.03	67.023	34.476	0.08246	26.214	0
"2014-04-13	04:00:00"	8.9999	214.2	66.071	35.257	0.08373	26.205	0
"2014-04-13	05:00:00"	10.167	225.56	66.865	33.197	0.05596	26.199	0
"2014-04-13	06:00:00"	6.9506	220.72	64.143	34.507	0.05829	26.202	0
"2014-04-13	07:00:00"	4.9598	213.78	58.508	42.652	11.964	26.214	0
"2014-04-13	08:00:00"	6.8568	227.52	60.422	41.302	178.41	26.229	0
"2014-04-13	09:00:00"	13.656	239.63	68.503	27.297	419.62	26.234	0
"2014-04-13	10:00:00"	19.807	252.33	73.56	15.263	656.29	26.234	0
"2014-04-13	11:00:00"	20.311	249.85	74.75	12.73	845.63	26.234	0
"2014-04-13	12:00:00"	20.313	252.67	76.416	10.605	978.41	26.223	0
"2014-04-13	13:00:00"	16.807	263.43	77.973	9.4569	1045.7	26.205	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-13	14:00:00"	15.265	273.54	79.582	9.0792	1041.8	26.193	0
"2014-04-13	15:00:00"	14.758	258.06	80.619	8.9172	963.14	26.175	0
"2014-04-13	16:00:00"	13.865	243.94	81.268	8.2494	824.35	26.152	0
"2014-04-13	17:00:00"	13.307	243.87	81.589	8.0589	627.66	26.14	0
"2014-04-13	18:00:00"	15	239	81.163	7.9322	393.62	26.137	0
"2014-04-13	19:00:00"	14.178	241.87	79.916	7.88	162.56	26.146	0
"2014-04-13	20:00:00"	8.2176	229.26	74.8	8.7172	13.203	26.152	0
"2014-04-13	21:00:00"	7.4944	202.35	69.161	10.282	0.06826	26.175	0
"2014-04-13	22:00:00"	6.5002	201.43	64.901	11.642	0.05702	26.187	0
"2014-04-13	23:00:00"	2.9534	219.4	62.435	12.932	0.06063	26.208	0
"2014-04-14	00:00:00"	13.518	343.3	58.508	24.403	0.06974	26.279	0
"2014-04-14	01:00:00"	27.864	23.784	44.993	51.907	0.08098	26.347	0
"2014-04-14	02:00:00"	27.752	18.727	39.945	57.899	0.07907	26.388	0
"2014-04-14	03:00:00"	25.669	14.553	38.127	60.198	0.06529	26.423	0
"2014-04-14	04:00:00"	23.851	16.21	36.248	61.268	0.0761	26.444	0
"2014-04-14	05:00:00"	20.662	17.836	34.632	61.522	0.08522	26.477	0
"2014-04-14	06:00:00"	19.973	8.6669	32.545	60.312	0.05236	26.533	0
"2014-04-14	07:00:00"	16.455	0.90968	30.51	63.368	14.653	26.589	0
"2014-04-14	08:00:00"	17.164	3.0546	32.082	58.292	110	26.624	0
"2014-04-14	09:00:00"	20.982	1.1291	33.898	53.797	220.83	26.654	0
"2014-04-14	10:00:00"	19.949	0.80421	34.827	53.037	301.58	26.672	0
"2014-04-14	11:00:00"	19.724	1.2649	39.503	42.709	786.01	26.68	0
"2014-04-14	12:00:00"	20.108	0.6599	42.482	36.967	915.88	26.68	0
"2014-04-14	13:00:00"	18.245	356.1	44.134	35.246	984.36	26.672	0
"2014-04-14	14:00:00"	17.59	349.47	46.263	33.024	986.45	26.674	0
"2014-04-14	15:00:00"	18.384	353.17	47.73	29.561	909.12	26.666	0
"2014-04-14	16:00:00"	17.663	353.56	48.926	27.552	773.44	26.663	0
"2014-04-14	17:00:00"	17.607	354.63	48.911	27.414	586.45	26.657	0
"2014-04-14	18:00:00"	16.942	354.91	48.254	27.83	368.14	26.669	0
"2014-04-14	19:00:00"	14.513	358.88	46.951	28.478	150.55	26.672	0
"2014-04-14	20:00:00"	10.587	0.68506	44.3	30.131	13.35	26.686	0
"2014-04-14	21:00:00"	6.9426	5.6425	40.929	33.608	0.085	26.71	0
"2014-04-14	22:00:00"	5.5954	23.083	36.663	38.309	0.07949	26.734	0
"2014-04-14	23:00:00"	5.3183	30.547	36.308	39.151	0.08225	26.728	0
"2014-04-15	00:00:00"	6.6493	33.92	33.644	42.031	0.08818	26.71	0
"2014-04-15	01:00:00"	4.2924	55.564	32.391	44.118	0.06359	26.707	0
"2014-04-15	02:00:00"	4.2645	73.612	32.497	43.858	0.06783	26.695	0
"2014-04-15	03:00:00"	4.5578	73.237	32.852	43.242	0.09497	26.701	0
"2014-04-15	04:00:00"	10.103	205.3	30.3	46.635	0.06063	26.704	0
"2014-04-15	05:00:00"	3.3486	353.42	29.278	48.49	0.06571	26.689	0
"2014-04-15	06:00:00"	3.4088	40.338	30.376	48.117	0.07674	26.683	0
"2014-04-15	07:00:00"	2.8192	66.642	31.487	46.564	25.05	26.689	0
"2014-04-15	08:00:00"	6.7431	146.78	36.249	39.869	190.84	26.698	0
"2014-04-15	09:00:00"	9.7692	167.47	41.353	33.029	417.21	26.701	0
"2014-04-15	10:00:00"	9.9295	174.73	45.733	27.172	637.42	26.695	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-15	11:00:00"	11.868	178.61	48.551	21.842	818.77	26.677	0
"2014-04-15	12:00:00"	14.291	177.05	51.089	17.515	947.56	26.645	0
"2014-04-15	13:00:00"	14.448	180.48	53.902	15.168	1011.1	26.609	0
"2014-04-15	14:00:00"	16.01	181.51	56.887	12.583	1006.6	26.583	0
"2014-04-15	15:00:00"	15.864	185.66	59.519	11.876	937.03	26.536	0
"2014-04-15	16:00:00"	15.649	188.65	61.706	12.018	814.05	26.491	0
"2014-04-15	17:00:00"	15.475	190.89	63.689	10.724	625.45	26.468	0
"2014-04-15	18:00:00"	15.655	184.87	64.489	9.9369	397.26	26.441	0
"2014-04-15	19:00:00"	14.41	176.44	63.475	10.076	146.95	26.42	0
"2014-04-15	20:00:00"	8.6358	160.72	58.773	10.933	7.3883	26.406	0
"2014-04-15	21:00:00"	9.1515	154.05	55.798	12.107	0.07525	26.412	0
"2014-04-15	22:00:00"	9.2851	152.39	52.39	13.879	0.0744	26.412	0
"2014-04-15	23:00:00"	13.582	165.02	53.082	14.11	0.08649	26.403	0
"2014-04-16	00:00:00"	15.698	165.45	52.054	16.325	0.07313	26.385	0
"2014-04-16	01:00:00"	13.678	170.19	50.549	18.356	0.06783	26.37	0
"2014-04-16	02:00:00"	11.791	176.56	49.31	20.21	0.09264	26.353	0
"2014-04-16	03:00:00"	11.858	176.92	47.95	22.582	0.07546	26.335	0
"2014-04-16	04:00:00"	10.955	182.76	47.06	24.05	0.085	26.326	0
"2014-04-16	05:00:00"	9.0695	185.29	46.254	25.258	0.06465	26.314	0
"2014-04-16	06:00:00"	5.5414	189.95	42.504	29.148	0.05702	26.32	0
"2014-04-16	07:00:00"	3.9314	199.01	39.624	32.367	26.87	26.329	0
"2014-04-16	08:00:00"	10.749	182.61	44.414	29.103	149.78	26.338	0
"2014-04-16	09:00:00"	10.382	180.78	48.945	24.841	249.1	26.332	0
"2014-04-16	10:00:00"	9.054	177.89	54.791	20.377	615.34	26.335	0
"2014-04-16	11:00:00"	10.414	184.14	62.344	15.951	837.8	26.335	0
"2014-04-16	12:00:00"	11.449	201.46	68.029	13.594	872.79	26.317	0
"2014-04-16	13:00:00"	9.9929	203.19	72.736	11.841	1017.4	26.291	0
"2014-04-16	14:00:00"	8.0325	194.71	76.696	10.041	1043.7	26.273	0
"2014-04-16	15:00:00"	7.485	185.2	79.15	9.0164	967.52	26.243	0
"2014-04-16	16:00:00"	10.307	178.64	80.324	8.7364	822.86	26.214	0
"2014-04-16	17:00:00"	9.3796	162.33	80.914	8.6125	620.86	26.196	0
"2014-04-16	18:00:00"	9.1677	158.3	80.751	8.807	383.26	26.19	0
"2014-04-16	19:00:00"	12.92	141.48	78.69	10.251	156.45	26.199	0
"2014-04-16	20:00:00"	13.914	146.33	72.488	14.886	12.547	26.223	0
"2014-04-16	21:00:00"	12.614	144.52	67.203	20.793	0.08734	26.243	0
"2014-04-16	22:00:00"	12.139	153.87	63.252	27.802	0.04367	26.258	0
"2014-04-16	23:00:00"	11.346	150.99	59.771	33.311	0.05257	26.261	0
"2014-04-17	00:00:00"	10.945	156.98	57.001	37.244	0.06868	26.264	0
"2014-04-17	01:00:00"	7.5565	164.05	54.507	42.907	0.06317	26.264	0
"2014-04-17	02:00:00"	8.1977	172.7	52.503	49.109	0.06508	26.261	0
"2014-04-17	03:00:00"	6.0279	203.04	50.713	54.877	0.07886	26.285	0
"2014-04-17	04:00:00"	9.7313	322.7	49.847	54.984	0.06656	26.335	0
"2014-04-17	05:00:00"	3.5114	46.63	49.701	54.73	0.05617	26.335	0
"2014-04-17	06:00:00"	4.4285	36.178	48.599	56.125	0.07886	26.361	0
"2014-04-17	07:00:00"	6.0372	9.5326	45.136	60.871	8.8968	26.4	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-17	08:00:00"	9.5971	351.58	48.094	48.199	159.42	26.441	0
"2014-04-17	09:00:00"	9.6598	346.54	53.543	39.464	399.12	26.465	0
"2014-04-17	10:00:00"	10.186	359.97	57.095	38.42	615.87	26.497	0
"2014-04-17	11:00:00"	13.13	10.871	60.894	37.245	793.22	26.521	0
"2014-04-17	12:00:00"	13.329	23.555	63.838	35.535	920.09	26.53	0
"2014-04-17	13:00:00"	12.429	26.901	66.351	32.402	1001.8	26.527	0
"2014-04-17	14:00:00"	12.221	21.322	67.715	29.566	1001.2	26.53	0
"2014-04-17	15:00:00"	10.817	13.238	69.631	27.009	936.62	26.515	0
"2014-04-17	16:00:00"	10.251	19.205	70.39	26.328	795.51	26.512	0
"2014-04-17	17:00:00"	8.1387	21.61	70.467	26.054	602.66	26.512	0
"2014-04-17	18:00:00"	9.1012	42.984	70.578	26.346	376.12	26.515	0
"2014-04-17	19:00:00"	10.21	53.649	69.024	29.184	152.87	26.527	0
"2014-04-17	20:00:00"	11.136	66.448	64.5	38.005	12.497	26.545	0
"2014-04-17	21:00:00"	13.929	65.236	60.154	47.253	0.09052	26.574	0
"2014-04-17	22:00:00"	14.093	70.754	55.849	58.404	0.07017	26.604	0
"2014-04-17	23:00:00"	13.6	66.689	52.329	66.36	0.06253	26.615	0
"2014-04-18	00:00:00"	13.484	71.079	49.33	72.887	0.06063	26.621	0
"2014-04-18	01:00:00"	11.315	68.662	47.386	77.786	0.06169	26.633	0
"2014-04-18	02:00:00"	9.5909	60.071	45.465	82.151	0.05427	26.615	0
"2014-04-18	03:00:00"	10.588	64.149	44.47	86.598	0.08946	26.609	0
"2014-04-18	04:00:00"	11.365	71.692	45.83	86.899	0.07186	26.598	0
"2014-04-18	05:00:00"	8.3593	81.636	46.991	86.941	0.06381	26.609	0
"2014-04-18	06:00:00"	5.706	79.276	48.037	85.98	0.07271	26.615	0
"2014-04-18	07:00:00"	7.2707	96.699	48.691	84.749	10.67	26.621	0
"2014-04-18	08:00:00"	7.2626	96.007	49.382	85.666	44.046	26.633	0
"2014-04-18	09:00:00"	7.6702	115.23	50.999	85.355	122.17	26.636	0
"2014-04-18	10:00:00"	9.6903	129.09	54.661	79.897	253.31	26.636	0
"2014-04-18	11:00:00"	9.5119	141.91	56.039	78.388	202.63	26.636	0
"2014-04-18	12:00:00"	10.377	136.4	58.006	72.473	406.52	26.63	0
"2014-04-18	13:00:00"	10.393	139.45	61.802	62.632	617.83	26.601	0
"2014-04-18	14:00:00"	11.349	140.19	66.394	51.248	901.11	26.574	0
"2014-04-18	15:00:00"	12.348	134.49	68.909	44.369	620.9	26.547	0
"2014-04-18	16:00:00"	12.549	130.27	70.941	38.725	589.87	26.518	0
"2014-04-18	17:00:00"	13.85	131.16	73.012	34.217	555.3	26.497	0
"2014-04-18	18:00:00"	14.064	132.68	73.749	32.292	380.16	26.494	0
"2014-04-18	19:00:00"	13.054	132.71	72.301	33.644	157.45	26.485	0
"2014-04-18	20:00:00"	8.7588	129.35	69.037	38.201	8.3051	26.5	0
"2014-04-18	21:00:00"	6.1746	109.6	64.774	43.357	0.05469	26.509	0
"2014-04-18	22:00:00"	7.6404	114.22	62.41	47.102	0.06232	26.515	0
"2014-04-18	23:00:00"	7.9784	134.93	61.23	51.466	0.07949	26.518	0
"2014-04-19	00:00:00"	6.1522	132.78	60.215	54.123	0.0708	26.506	0
"2014-04-19	01:00:00"	5.6172	140.75	58.789	58.633	0.0619	26.509	0
"2014-04-19	02:00:00"	3.535	122.86	56.721	63.126	0.08098	26.497	0
"2014-04-19	03:00:00"	5.675	149.95	57.141	64.099	0.06656	26.503	0
"2014-04-19	04:00:00"	5.675	177	58.577	63.604	0.07801	26.503	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-19	05:00:00"	1.0644	138.3	57.562	66.394	0.08585	26.5	0
"2014-04-19	06:00:00"	7.3539	44.696	55.532	65.599	0.04006	26.506	0
"2014-04-19	07:00:00"	5.8452	62.487	54.358	66.487	10.824	26.5	0
"2014-04-19	08:00:00"	7.4471	80.215	55.64	64.994	84.4	26.512	0
"2014-04-19	09:00:00"	9.8556	122.17	58.259	64.747	124.19	26.533	0
"2014-04-19	10:00:00"	12.509	157.33	60.298	72.181	106.69	26.5	0
"2014-04-19	11:00:00"	11.207	153.77	63.531	67.455	476.4	26.503	0
"2014-04-19	12:00:00"	10.208	184.84	65.737	60.858	247.49	26.518	0
"2014-04-19	13:00:00"	9.8357	204.47	67.516	56.622	305.13	26.559	0
"2014-04-19	14:00:00"	10.83	242.76	65.612	62.785	160.15	26.553	0
"2014-04-19	15:00:00"	12.498	307.07	63.572	71.199	349.02	26.462	0
"2014-04-19	16:00:00"	18.085	11.731	65.361	64.273	606.45	26.435	0
"2014-04-19	17:00:00"	17.997	44.98	66.255	60.777	420.06	26.459	0
"2014-04-19	18:00:00"	13.775	39.022	64.796	63.983	87.199	26.474	0
"2014-04-19	19:00:00"	9.3672	17.948	61.142	76.664	6.2659	26.5	0.02
"2014-04-19	20:00:00"	8.1095	3.8178	59.188	83.727	0.11956	26.53	0.21
"2014-04-19	21:00:00"	10.871	76.099	57.521	88.369	0.06783	26.542	0.64
"2014-04-19	22:00:00"	6.6126	53.002	58.686	84.484	0.08182	26.542	0
"2014-04-19	23:00:00"	4.9268	122.43	57.307	85.714	0.07038	26.524	0
"2014-04-20	00:00:00"	3.379	163.28	55.14	87.962	0.06911	26.515	0
"2014-04-20	01:00:00"	3.5027	230.1	55.143	90.486	0.07271	26.512	0
"2014-04-20	02:00:00"	2.8801	214.7	54.7	90.906	0.05024	26.506	0
"2014-04-20	03:00:00"	2.9223	182.36	54.034	91.729	0.06105	26.488	0
"2014-04-20	04:00:00"	2.1928	208.99	53.722	92.603	0.06465	26.488	0
"2014-04-20	05:00:00"	2.9099	219.23	53.996	92.935	0.06699	26.488	0
"2014-04-20	06:00:00"	2.7471	214.72	53.502	93.158	0.07992	26.497	0
"2014-04-20	07:00:00"	4.2017	256.24	53.987	93.333	5.8731	26.521	0
"2014-04-20	08:00:00"	3.2199	292.94	54.367	93.418	55.581	26.53	0
"2014-04-20	09:00:00"	4.1974	291.22	55.534	93.034	147.63	26.539	0
"2014-04-20	10:00:00"	4.4459	231.32	57.472	89.08	257.61	26.545	0
"2014-04-20	11:00:00"	7.8243	174.25	60.973	79.64	635.56	26.542	0
"2014-04-20	12:00:00"	8.2257	190.35	64.713	69.241	890.37	26.518	0
"2014-04-20	13:00:00"	6.9401	216.24	67.771	60.032	994.99	26.497	0
"2014-04-20	14:00:00"	6.7804	219.18	71.16	52.041	993.1	26.474	0
"2014-04-20	15:00:00"	10.88	198.09	73.972	42.293	692.56	26.447	0
"2014-04-20	16:00:00"	13.818	224.16	76.443	29.576	649.88	26.42	0
"2014-04-20	17:00:00"	13.254	242.15	77.71	27.719	547.22	26.418	0
"2014-04-20	18:00:00"	13.261	251.89	77.626	26.592	357.1	26.426	0
"2014-04-20	19:00:00"	10.235	262.26	76.461	28.235	163.98	26.432	0
"2014-04-20	20:00:00"	5.012	233.59	72.117	35.897	16.426	26.45	0
"2014-04-20	21:00:00"	1.4832	199.26	68.457	42.094	0.06084	26.468	0
"2014-04-20	22:00:00"	1.6473	201.81	66.672	45.023	0.04473	26.474	0
"2014-04-20	23:00:00"	2.0114	248.03	65.38	46.647	0.06359	26.465	0
"2014-04-21	00:00:00"	3.9637	197.61	62.005	57.293	0.05596	26.468	0
"2014-04-21	01:00:00"	8.0331	183.08	60.017	79.795	0.07038	26.468	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-21	02:00:00"	5.0754	212.23	59.161	86.267	0.07419	26.468	0
"2014-04-21	03:00:00"	3.7891	238.65	57.23	89.883	0.05172	26.474	0
"2014-04-21	04:00:00"	2.8161	231.45	56.37	91.581	0.0797	26.474	0
"2014-04-21	05:00:00"	2.0344	241.11	55.673	92.715	0.05766	26.474	0
"2014-04-21	06:00:00"	3.5219	218.99	55.4	93.184	0.08119	26.488	0.01
"2014-04-21	07:00:00"	4.0265	206.57	55.637	93.262	14.188	26.515	0
"2014-04-21	08:00:00"	3.1386	214.8	55.464	93.289	107.66	26.53	0
"2014-04-21	09:00:00"	2.2519	262.99	56.951	93.124	308.87	26.545	0
"2014-04-21	10:00:00"	1.9207	298.58	61.3	79.251	630.84	26.553	0
"2014-04-21	11:00:00"	6.3113	19.675	72.968	38.884	824.95	26.553	0
"2014-04-21	12:00:00"	7.6279	24.645	76.787	30.14	949.24	26.545	0
"2014-04-21	13:00:00"	7.4664	17.791	79.256	26.566	1010.2	26.53	0
"2014-04-21	14:00:00"	6.0416	352.86	80.411	24.663	946.31	26.521	0
"2014-04-21	15:00:00"	5.7961	26.306	81.021	23.483	633.24	26.503	0
"2014-04-21	16:00:00"	6.3162	28.978	81.736	22.394	598.23	26.488	0
"2014-04-21	17:00:00"	8.5209	26.745	81.864	21.95	409.26	26.48	0
"2014-04-21	18:00:00"	8.8819	51.429	81.636	22.451	361.53	26.48	0
"2014-04-21	19:00:00"	9.1733	50.928	80.469	23.267	150.11	26.485	0
"2014-04-21	20:00:00"	6.7798	39.268	75.207	30.15	10.977	26.497	0
"2014-04-21	21:00:00"	6.5089	42.427	69.48	39.511	0.06275	26.515	0
"2014-04-21	22:00:00"	9.4268	58.386	68.494	42.498	0.07334	26.545	0
"2014-04-21	23:00:00"	11.711	74.022	68.316	45.284	0.07398	26.553	0
"2014-04-22	01:00:00"	11.648	75.672	66.416	49.293	0.07157	26.556	0
"2014-04-22	02:00:00"	10.46	72.68	64.204	54.203	0.05702	26.559	0
"2014-04-22	03:00:00"	9.1832	81.078	62.014	60.464	0.05384	26.556	0
"2014-04-22	04:00:00"	8.8968	95.142	60.927	65.771	0.05999	26.559	0
"2014-04-22	05:00:00"	3.7226	94.171	59.188	70.437	0.05511	26.556	0
"2014-04-22	06:00:00"	4.1458	64.633	57.716	73.598	0.05639	26.556	0
"2014-04-22	07:00:00"	4.5919	74.306	56.814	75.681	0.08712	26.559	0
"2014-04-22	08:00:00"	5.2698	54.529	55.665	78.201	36.976	26.577	0
"2014-04-22	09:00:00"	6.6487	97.465	60.438	67.046	210.04	26.589	0
"2014-04-22	10:00:00"	11.123	117.41	66.509	51.199	440.41	26.586	0
"2014-04-22	11:00:00"	11.817	117.96	69.688	43.848	657.44	26.586	0
"2014-04-22	12:00:00"	10.478	131.55	72.526	39.342	836.34	26.571	0
"2014-04-22	13:00:00"	11.64	131.37	75.18	34.006	958.91	26.542	0
"2014-04-22	14:00:00"	11.401	133.44	77.825	29.948	1015.1	26.512	0
"2014-04-22	15:00:00"	12.514	141.09	80.144	26.919	1003.6	26.48	0
"2014-04-22	16:00:00"	12.5	146.14	81.9	24.942	926.71	26.447	0
"2014-04-22	17:00:00"	12.417	147.74	82.504	24.294	718.21	26.418	0
"2014-04-22	18:00:00"	12.153	145.67	82.191	24.192	515.87	26.382	0
"2014-04-22	19:00:00"	13.28	143.73	82.156	24.012	349.36	26.379	0
"2014-04-22	20:00:00"	12.902	148.04	80.88	24.564	157.36	26.361	0
"2014-04-22	21:00:00"	11.013	165.48	76.515	30.454	16.979	26.361	0
"2014-04-22	22:00:00"	6.653	127.46	70.752	38.832	0.0672	26.37	0
"2014-04-22	23:00:00"	7.2402	111.78	68.588	43.099	0.07038	26.367	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-23	00:00:00"	9.4548	112.91	68.549	40.851	0.05427	26.361	0
"2014-04-23	01:00:00"	10.415	122.38	67.981	37.525	0.05024	26.356	0
"2014-04-23	02:00:00"	12.02	133.99	67.411	38.941	0.04367	26.341	0
"2014-04-23	03:00:00"	11.206	140.33	66.441	40.913	0.04982	26.335	0
"2014-04-23	04:00:00"	10.093	136.94	65.385	44.724	0.07504	26.314	0
"2014-04-23	05:00:00"	9.5163	147.76	64.821	48.324	0.0708	26.314	0
"2014-04-23	06:00:00"	11.937	157.87	65.261	50.647	0.07928	26.305	0
"2014-04-23	07:00:00"	11.976	163.72	64.732	53.398	0.09687	26.308	0
"2014-04-23	08:00:00"	11.331	157.63	63.579	58.963	25.848	26.302	0
"2014-04-23	09:00:00"	13.573	162.26	65.174	59.026	162.63	26.308	0
"2014-04-23	10:00:00"	16.942	171.69	69.233	51.292	384.92	26.308	0
"2014-04-23	11:00:00"	15.45	183.17	72.943	44.454	583.47	26.305	0
"2014-04-23	12:00:00"	14.892	198.6	75.766	39.127	654.12	26.299	0
"2014-04-23	13:00:00"	13.53	215.31	78.829	31.089	735.01	26.276	0
"2014-04-23	14:00:00"	13.779	231.64	81.791	21.006	818.4	26.261	0
"2014-04-23	15:00:00"	12.82	225.84	82.553	18.206	688.57	26.243	0
"2014-04-23	16:00:00"	13.559	219.4	83.903	15.857	768.95	26.211	0
"2014-04-23	17:00:00"	15.747	211.13	84.605	12.179	527.16	26.178	0
"2014-04-23	18:00:00"	18.28	217.84	85.213	9.1614	401.1	26.164	0
"2014-04-23	19:00:00"	17.332	233.71	84.943	9.2519	295.75	26.158	0
"2014-04-23	20:00:00"	15.745	230.08	84.318	9.3103	189.1	26.158	0
"2014-04-23	21:00:00"	7.9958	236.98	79	11.979	14.579	26.172	0
"2014-04-23	22:00:00"	4.9281	249.69	72.406	15.888	0.06656	26.19	0
"2014-04-23	23:00:00"	4.4851	245.63	68.737	17.808	0.0867	26.208	0
"2014-04-24	00:00:00"	2.8763	236.75	66.329	19.002	0.05448	26.217	0
"2014-04-24	01:00:00"	3.4331	246.95	66.262	18.821	0.06487	26.223	0
"2014-04-24	02:00:00"	5.4059	268.97	65.041	20.237	0.07419	26.237	0
"2014-04-24	03:00:00"	8.0816	295.83	66.283	19.725	0.0725	26.27	0
"2014-04-24	04:00:00"	9.8114	321.86	64.299	21.236	0.05639	26.288	0
"2014-04-24	05:00:00"	9.1348	321.7	63.028	22.197	0.07229	26.32	0
"2014-04-24	06:00:00"	6.6928	324.29	58.089	26.707	0.06041	26.335	0
"2014-04-24	07:00:00"	11.085	329.52	57.319	25.301	0.07907	26.37	0
"2014-04-24	08:00:00"	14.842	325.12	58.427	19.025	47.785	26.397	0
"2014-04-24	09:00:00"	20.067	325.67	61.286	16.376	248.08	26.45	0
"2014-04-24	10:00:00"	21.06	355.09	60.929	21.668	469.6	26.48	0
"2014-04-24	11:00:00"	20.288	6.3852	60.273	33.252	677.73	26.483	0
"2014-04-24	12:00:00"	20.49	9.3866	63.386	29.897	881.1	26.488	0
"2014-04-24	13:00:00"	16.772	10.683	67.036	25.734	1012.4	26.494	0
"2014-04-24	14:00:00"	14.093	358.82	70.255	21.23	1070.1	26.471	0
"2014-04-24	15:00:00"	11.004	345.41	72.361	18.302	1054.3	26.462	0
"2014-04-24	16:00:00"	8.1866	314.37	74.679	15.889	970.76	26.447	0
"2014-04-24	17:00:00"	7.4098	322.03	76.249	13.966	817.43	26.423	0
"2014-04-24	18:00:00"	6.7972	321.75	77.33	11.434	599.57	26.415	0
"2014-04-24	19:00:00"	4.4596	319.15	78.016	10.269	402.53	26.409	0
"2014-04-24	20:00:00"	3.1485	31.597	76.322	10.514	135.9	26.409	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-24	21:00:00"	5.2872	62.344	69.766	17.434	11.216	26.418	0
"2014-04-24	22:00:00"	6.2535	83.81	64.719	23.008	0.07038	26.426	0
"2014-04-24	23:00:00"	7.2862	93.403	63.037	23.972	0.0744	26.423	0
"2014-04-25	00:00:00"	8.8259	110.52	63.583	24.197	0.07525	26.42	0
"2014-04-25	01:00:00"	6.0503	124.57	60.752	27.881	0.08373	26.42	0
"2014-04-25	02:00:00"	6.2491	135.06	58.451	30.819	0.05511	26.418	0
"2014-04-25	03:00:00"	6.5194	137.25	58.291	30.698	0.08076	26.415	0
"2014-04-25	04:00:00"	5.6501	186.86	56.753	32.585	0.07737	26.418	0
"2014-04-25	05:00:00"	1.8082	186.61	55.622	33.115	0.06402	26.412	0
"2014-04-25	06:00:00"	2.2624	110.12	54.564	34.559	0.06974	26.412	0
"2014-04-25	07:00:00"	5.0263	160.13	54.861	34.404	0.07398	26.415	0
"2014-04-25	08:00:00"	3.6493	139.21	54.919	34.081	40.976	26.423	0
"2014-04-25	09:00:00"	7.495	139.86	61.742	27.787	228.64	26.435	0
"2014-04-25	10:00:00"	13.962	167.15	68.931	29.999	467.38	26.435	0
"2014-04-25	11:00:00"	17.932	177.96	72.614	35.831	690.01	26.435	0
"2014-04-25	12:00:00"	14.834	180.59	76.436	26.313	874.92	26.426	0
"2014-04-25	13:00:00"	14.255	191.14	80.582	17.67	1002	26.406	0
"2014-04-25	14:00:00"	11.45	198.79	83.366	13.324	1057.2	26.382	0
"2014-04-25	15:00:00"	11.475	195.92	85.476	10.839	1037	26.358	0
"2014-04-25	16:00:00"	14.336	197.61	87.097	9.0531	953.68	26.335	0
"2014-04-25	17:00:00"	14.997	198.38	87.683	8.5447	744	26.296	0
"2014-04-25	18:00:00"	15.824	193.35	88.016	8.5578	602.19	26.276	0
"2014-04-25	19:00:00"	16.662	199.57	88.428	8.5917	401.41	26.258	0
"2014-04-25	20:00:00"	12.11	200.31	87.092	9.2756	149.82	26.249	0
"2014-04-25	21:00:00"	6.5822	169.49	80.615	14.333	4.1885	26.264	0
"2014-04-25	22:00:00"	5.5116	168.45	75.127	22.327	0.05511	26.282	0
"2014-04-25	23:00:00"	7.6509	141.91	74.432	33.28	0.05405	26.279	0
"2014-04-26	00:00:00"	14.205	158.11	74.714	39.637	0.05066	26.279	0
"2014-04-26	01:00:00"	12.839	166.59	72.382	48.503	0.05236	26.27	0
"2014-04-26	02:00:00"	12.027	167.98	70.783	53.958	0.06275	26.249	0
"2014-04-26	03:00:00"	10.803	172.47	69.709	59.352	0.05024	26.237	0
"2014-04-26	04:00:00"	7.8168	193.18	68.582	63.083	0.0619	26.232	0
"2014-04-26	05:00:00"	7.7143	175.26	67.537	64.999	0.06084	26.229	0
"2014-04-26	06:00:00"	7.2582	185.21	66.19	66.785	0.07144	26.229	0
"2014-04-26	07:00:00"	5.4382	198.6	64.151	70.435	0.0602	26.229	0
"2014-04-26	08:00:00"	3.169	207.69	61.608	75.091	25.477	26.234	0
"2014-04-26	09:00:00"	6.256	174.52	63.65	68.202	175.83	26.243	0
"2014-04-26	10:00:00"	9.3808	185.85	69.354	51.509	388.85	26.246	0
"2014-04-26	11:00:00"	11.792	208.16	75.984	28.204	562.83	26.24	0
"2014-04-26	12:00:00"	16.691	214.96	80.841	15.208	785.37	26.229	0
"2014-04-26	13:00:00"	19.971	218.47	83.9	10.326	982.94	26.193	0
"2014-04-26	14:00:00"	19.834	218.09	85.036	8.8025	726.34	26.161	0
"2014-04-26	15:00:00"	19.423	223.07	85.555	8.9042	720.41	26.143	0
"2014-04-26	16:00:00"	21.048	212.94	86.97	7.9097	740.01	26.105	0
"2014-04-26	17:00:00"	20.275	211.38	88.047	7.5253	766.67	26.081	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-26	18:00:00"	20.795	211.65	88.278	6.5089	618.8	26.057	0
"2014-04-26	19:00:00"	20.001	216.86	86.632	5.6897	296.65	26.048	0
"2014-04-26	20:00:00"	15.46	230.11	83.955	6.3433	99.469	26.043	0
"2014-04-26	21:00:00"	11.161	220.39	80.845	7.545	19.271	26.031	0
"2014-04-26	22:00:00"	9.4032	198.49	77.07	8.5208	0.06147	26.04	0
"2014-04-26	23:00:00"	5.7638	212.12	72.614	11.062	0.06847	26.066	0
"2014-04-27	00:00:00"	11.338	228.75	75.663	9.5208	0.05236	26.075	0
"2014-04-27	01:00:00"	11.335	248.85	75.903	10.239	0.04748	26.084	0
"2014-04-27	02:00:00"	17.299	257.68	74.567	13.745	0.07907	26.102	0
"2014-04-27	03:00:00"	21.654	266.76	70.224	20.971	0.06105	26.116	0
"2014-04-27	04:00:00"	17.382	274.53	66.166	25.493	0.07059	26.134	0
"2014-04-27	05:00:00"	13.015	266.96	63.462	26.735	0.06635	26.143	0
"2014-04-27	06:00:00"	10.742	242.42	60.572	29.686	0.0655	26.146	0
"2014-04-27	07:00:00"	9.218	218.32	57.355	31.429	0.08734	26.152	0
"2014-04-27	08:00:00"	10.13	232.08	56.844	25.397	60.53	26.158	0
"2014-04-27	09:00:00"	13.744	237.12	58.11	23.402	256.15	26.158	0
"2014-04-27	10:00:00"	18.285	253.07	60.156	22.576	492.58	26.158	0
"2014-04-27	11:00:00"	18.563	236.6	62.826	20.154	712.02	26.155	0
"2014-04-27	12:00:00"	20.834	238.13	65.469	17.266	896.76	26.146	0
"2014-04-27	13:00:00"	24.501	244.79	68.273	13.651	1002.8	26.125	0
"2014-04-27	14:00:00"	28.078	250.12	70.173	11.707	1055.1	26.09	0
"2014-04-27	15:00:00"	27.16	242.84	71.598	11.139	1024.3	26.093	0
"2014-04-27	16:00:00"	26.007	247.82	72.821	11.02	961.48	26.075	0
"2014-04-27	17:00:00"	23.278	253.45	73.268	12.155	816.84	26.072	0
"2014-04-27	18:00:00"	21.926	254.51	73.155	12.953	621.06	26.063	0
"2014-04-27	19:00:00"	21.627	267.02	73.3	12.672	391.28	26.072	0
"2014-04-27	20:00:00"	19.828	265.4	72.017	13.297	163.99	26.084	0
"2014-04-27	21:00:00"	18.312	249.58	69.73	14.458	12.507	26.099	0
"2014-04-27	22:00:00"	16.966	247.4	67.949	15.524	0.0602	26.131	0
"2014-04-27	23:00:00"	14.388	254.23	66.501	16.594	0.06699	26.169	0
"2014-04-28	00:00:00"	7.3726	299.8	63.278	19.044	0.08076	26.193	0
"2014-04-28	01:00:00"	6.8158	322.32	59.222	22.073	0.08076	26.196	0
"2014-04-28	02:00:00"	8.0138	302.09	59.367	20.98	0.08204	26.214	0
"2014-04-28	03:00:00"	4.2725	274.82	54.501	25.483	0.04621	26.217	0
"2014-04-28	04:00:00"	4.1433	269.81	53.434	26.424	0.085	26.22	0
"2014-04-28	05:00:00"	4.0252	270.68	52.886	27.823	0.05617	26.234	0
"2014-04-28	06:00:00"	3.5704	265.58	49.094	32.095	0.06508	26.237	0
"2014-04-28	07:00:00"	4.1402	228.56	47.7	34.426	0.14775	26.249	0
"2014-04-28	08:00:00"	3.8053	256.61	48.524	33.981	53.783	26.276	0
"2014-04-28	09:00:00"	5.1033	261.8	54.898	28.165	246.56	26.296	0
"2014-04-28	10:00:00"	9.8475	264.66	62.491	21.79	486.81	26.302	0
"2014-04-28	11:00:00"	15.523	275.63	66.976	18.756	710.13	26.305	0
"2014-04-28	12:00:00"	17.408	288.97	68.553	16.911	892.42	26.302	0
"2014-04-28	13:00:00"	15.748	301.26	70.318	15.809	1013.4	26.282	0
"2014-04-28	14:00:00"	16.683	296.63	72.343	14.182	1069.2	26.255	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-28	15:00:00"	15.289	290.55	73.889	13.372	1054.6	26.234	0
"2014-04-28	16:00:00"	15.871	288.21	75.297	12.312	971.47	26.208	0
"2014-04-28	17:00:00"	15.56	286.87	76.841	11.634	826.44	26.187	0
"2014-04-28	18:00:00"	13.215	268.36	77.352	11.398	629.81	26.175	0
"2014-04-28	19:00:00"	10.424	275.46	77.511	11.346	398.8	26.169	0
"2014-04-28	20:00:00"	9.1571	272.66	76.888	11.634	171.1	26.167	0
"2014-04-28	21:00:00"	6.5138	310.92	73.207	13.104	18.774	26.19	0
"2014-04-28	22:00:00"	6.113	339.29	65.897	17.844	0.06911	26.229	0
"2014-04-28	23:00:00"	8.363	339.3	64.42	19.615	0.07504	26.264	0
"2014-04-29	00:00:00"	11.714	335.68	65.362	16.977	0.0672	26.294	0
"2014-04-29	01:00:00"	18.475	333.08	63.668	11.771	0.05172	26.32	0
"2014-04-29	02:00:00"	19.236	333.09	61.544	10.134	0.07737	26.329	0
"2014-04-29	03:00:00"	16.696	3.4314	57.256	20.407	0.05851	26.335	0
"2014-04-29	04:00:00"	13.644	3.0338	53.682	30.811	0.06508	26.361	0
"2014-04-29	05:00:00"	9.282	358.98	50.885	36.209	0.05596	26.388	0
"2014-04-29	06:00:00"	7.4272	345.27	48.13	40.593	0.04558	26.415	0
"2014-04-29	07:00:00"	9.7518	343.18	47.08	43.365	0.1628	26.432	0
"2014-04-29	08:00:00"	9.1043	347.52	46.466	46.253	51.862	26.468	0
"2014-04-29	09:00:00"	14.812	4.2406	49.661	42.97	245.06	26.488	0
"2014-04-29	10:00:00"	14.643	11.249	53.593	38.072	479.56	26.5	0
"2014-04-29	11:00:00"	13.789	8.2818	56.969	32.327	707.3	26.503	0
"2014-04-29	12:00:00"	12.783	18.168	59.114	25.636	929.23	26.503	0
"2014-04-29	13:00:00"	11.478	7.6997	60.816	19.658	997.18	26.497	0
"2014-04-29	14:00:00"	9.909	355.76	62.022	17.113	1080.3	26.488	0
"2014-04-29	15:00:00"	9.561	350.85	63.695	15.536	1074.4	26.48	0
"2014-04-29	16:00:00"	10.532	332.51	64.463	14.741	773.9	26.462	0
"2014-04-29	17:00:00"	9.8475	344.85	65.215	13.35	696.42	26.45	0
"2014-04-29	18:00:00"	9.9519	355.12	66.077	12.276	581.78	26.45	0
"2014-04-29	19:00:00"	9.5573	347.59	66.13	12.109	399.52	26.456	0
"2014-04-29	20:00:00"	11.125	2.7498	64.735	12.434	174.4	26.468	0
"2014-04-29	21:00:00"	10.775	17.233	61.128	14.733	19.37	26.483	0
"2014-04-29	22:00:00"	6.9954	49.008	55.323	19.96	0.06677	26.503	0
"2014-04-29	23:00:00"	7.1041	54.83	52.346	23.876	0.05766	26.518	0
"2014-04-30	00:00:00"	8.0505	47.113	51.414	28.071	0.0797	26.536	0
"2014-04-30	01:00:00"	9.1764	53.813	51.764	29.778	0.06465	26.559	0
"2014-04-30	02:00:00"	10.857	41.881	51.126	31.758	0.07695	26.574	0
"2014-04-30	03:00:00"	9.4361	52.372	50.921	32.669	0.08585	26.592	0
"2014-04-30	04:00:00"	10.414	49.122	49.717	34.707	0.06677	26.604	0
"2014-04-30	05:00:00"	11.905	30.562	47.795	37.761	0.05787	26.612	0
"2014-04-30	06:00:00"	14.63	31.081	46.132	40.909	0.06359	26.615	0
"2014-04-30	07:00:00"	12.082	25.213	44.046	45.039	0.23932	26.642	0
"2014-04-30	08:00:00"	9.2708	23.923	42.907	47.955	52.009	26.674	0
"2014-04-30	09:00:00"	12.791	28.944	45.222	45.3	236.04	26.683	0
"2014-04-30	10:00:00"	16.321	31.825	47.596	40.78	463.67	26.692	0
"2014-04-30	11:00:00"	16.778	27.472	49.859	37.573	676.93	26.692	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-04-30	12:00:00"	16.215	29.028	52.473	34.691	853.24	26.686	0
"2014-04-30	13:00:00"	14.823	22.814	55.169	30.457	986.45	26.669	0
"2014-04-30	14:00:00"	14.21	22.295	58.127	26.002	1057.2	26.639	0
"2014-04-30	15:00:00"	12.994	35.552	60.015	23.32	1046.6	26.618	0
"2014-04-30	16:00:00"	9.7437	17.56	61.538	21.537	963	26.592	0
"2014-04-30	17:00:00"	9.653	30.766	62.58	20.765	815.94	26.568	0
"2014-04-30	18:00:00"	9.6741	31.379	63.395	19.945	617.47	26.553	0
"2014-04-30	19:00:00"	10.849	32.604	63.424	19.881	389.84	26.553	0
"2014-04-30	20:00:00"	11.29	37.987	62.167	20.6	162.76	26.559	0
"2014-04-30	21:00:00"	7.7025	53.453	59.21	22.526	16.378	26.583	0
"2014-04-30	22:00:00"	4.3595	67.463	54.19	26.507	0.08458	26.604	0
"2014-04-30	23:00:00"	4.9648	57.33	50.749	29.693	0.06889	26.627	0
"2014-05-01	00:00:00"	5.5041	56.958	48.456	31.329	0.05829	26.63	0
"2014-05-01	01:00:00"	5.4768	59.604	46.765	31.094	0.07525	26.621	0
"2014-05-01	02:00:00"	5.0586	54.027	44.393	33.279	0.08691	26.621	0
"2014-05-01	03:00:00"	5.3804	45.41	44.37	32.556	0.08098	26.624	0
"2014-05-01	04:00:00"	5.849	33.79	43.833	33.673	0.08098	26.627	0
"2014-05-01	05:00:00"	6.3212	14.789	43.025	36.863	0.06953	26.639	0
"2014-05-01	06:00:00"	7.7006	11.805	45.051	34.466	0.08055	26.645	0
"2014-05-01	07:00:00"	9.4181	8.5003	45.159	34.271	0.11574	26.648	0
"2014-05-01	08:00:00"	10.601	12.047	44.72	33.837	30.364	26.657	0
"2014-05-01	09:00:00"	11.488	22.279	47.404	30.262	204.04	26.657	0
"2014-05-01	10:00:00"	13.182	38.183	54.113	24.683	468.48	26.66	0
"2014-05-01	11:00:00"	9.625	50.908	56.801	22.671	460.42	26.66	0
"2014-05-01	12:00:00"	7.2508	76.484	58.793	20.71	613.77	26.654	0
"2014-05-01	13:00:00"	6.6959	70.527	60.262	19.311	710.74	26.627	0
"2014-05-01	14:00:00"	6.8295	63.017	61.994	18.063	920.41	26.598	0
"2014-05-01	15:00:00"	7.2899	41.578	62.42	18.002	648.86	26.58	0
"2014-05-01	16:00:00"	5.6557	154.68	62.69	18.357	553.42	26.565	0
"2014-05-01	17:00:00"	6.699	178.66	62.791	19.209	502.74	26.556	0
"2014-05-01	18:00:00"	7.3676	192.23	63.034	19.469	425.08	26.55	0
"2014-05-01	19:00:00"	8.6221	197.26	61.979	21.175	292.95	26.553	0
"2014-05-01	20:00:00"	12.068	193.18	59.553	25.438	117.45	26.556	0
"2014-05-01	21:00:00"	12.654	189.66	55.81	33.205	22.707	26.571	0
"2014-05-01	22:00:00"	6.5697	195.64	52.167	40.467	0.06868	26.577	0
"2014-05-01	23:00:00"	3.1255	243.25	48.999	44.923	0.05639	26.592	0
"2014-05-02	00:00:00"	3.7661	260.97	48.331	46.778	0.07992	26.586	0
"2014-05-02	01:00:00"	3.4281	274.21	47.016	49.395	0.08034	26.574	0
"2014-05-02	02:00:00"	4.756	322.12	45.54	52.086	0.06995	26.574	0
"2014-05-02	03:00:00"	7.2464	308.68	47.384	53.356	0.0744	26.559	0
"2014-05-02	04:00:00"	6.0118	302.26	47.176	54.427	0.06614	26.55	0
"2014-05-02	05:00:00"	7.4378	298.25	46.101	57.198	0.06953	26.547	0
"2014-05-02	06:00:00"	2.7782	272.91	42.638	62.384	0.07928	26.547	0
"2014-05-02	07:00:00"	2.8689	290.94	42.042	63.844	0.32708	26.556	0
"2014-05-02	08:00:00"	4.6485	298.21	43.2	64.715	57.575	26.568	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-02	09:00:00"	6.0136	298.38	49.958	52.649	247.75	26.574	0
"2014-05-02	10:00:00"	6.1559	284.37	57.641	36.028	480.91	26.58	0
"2014-05-02	11:00:00"	7.3583	271.33	64.054	20.937	714.68	26.58	0
"2014-05-02	12:00:00"	8.025	256.51	66.216	18.404	894.87	26.571	0
"2014-05-02	13:00:00"	7.7224	261.38	68.482	15.693	1008.6	26.553	0
"2014-05-02	14:00:00"	7.7187	303.81	69.872	14.02	1075.9	26.527	0
"2014-05-02	15:00:00"	7.334	307.62	71.608	13.546	1056.3	26.503	0
"2014-05-02	16:00:00"	7.605	302.08	72.926	13.146	971.63	26.485	0
"2014-05-02	17:00:00"	6.8879	305.73	74.105	13.039	823.96	26.465	0
"2014-05-02	18:00:00"	6.8705	292.55	75.531	12.003	631.29	26.456	0
"2014-05-02	19:00:00"	7.1917	298.78	75.754	11.462	406.38	26.453	0
"2014-05-02	20:00:00"	7.2141	307.48	74.83	11.964	179.18	26.453	0
"2014-05-02	21:00:00"	3.3908	287.61	71.683	13.618	21.159	26.462	0
"2014-05-02	22:00:00"	0.86309	177.51	65.939	16.256	0.0725	26.471	0
"2014-05-02	23:00:00"	1.0091	149.72	62.514	18.129	0.04558	26.483	0
"2014-05-03	00:00:00"	0.98177	213.1	60.722	19.038	0.06889	26.488	0
"2014-05-03	01:00:00"	1.1433	219.71	58.529	20.192	0.0566	26.485	0
"2014-05-03	02:00:00"	2.9459	176.28	55.316	22.871	0.07546	26.483	0
"2014-05-03	03:00:00"	2.9857	189.23	53.042	24.562	0.07525	26.48	0
"2014-05-03	04:00:00"	1.9778	207.44	53.254	23.934	0.0725	26.477	0
"2014-05-03	05:00:00"	1.3235	261.78	52.676	23.643	0.06317	26.471	0
"2014-05-03	06:00:00"	2.0642	254.97	54.095	22.604	0.05723	26.471	0
"2014-05-03	07:00:00"	2.6837	296.95	53.317	25.003	0.39746	26.48	0
"2014-05-03	08:00:00"	2.7912	316.79	54.545	24.483	65.921	26.497	0
"2014-05-03	09:00:00"	4.203	269.26	60.909	22.771	264.12	26.515	0
"2014-05-03	10:00:00"	5.5333	243	68.41	18.073	501.88	26.527	0
"2014-05-03	11:00:00"	7.4645	232.29	75.232	14.187	723.87	26.53	0
"2014-05-03	12:00:00"	10.082	231.53	80.105	11.283	902.27	26.536	0
"2014-05-03	13:00:00"	9.7406	198.52	81.58	10.976	1025.2	26.527	0
"2014-05-03	14:00:00"	8.926	212.57	82.937	9.97	1081.7	26.506	0
"2014-05-03	15:00:00"	8.3767	194.25	84.404	9.2072	1067.3	26.485	0
"2014-05-03	16:00:00"	9.5971	184.91	85.242	8.7956	983.61	26.471	0
"2014-05-03	17:00:00"	8.2791	209.16	85.765	8.2408	838.82	26.456	0
"2014-05-03	18:00:00"	9.2584	184.72	85.89	8.1553	640.81	26.447	0
"2014-05-03	19:00:00"	9.3815	180.28	85.818	8.1514	411.26	26.438	0
"2014-05-03	20:00:00"	10.108	186.72	84.214	8.1928	183.51	26.438	0
"2014-05-03	21:00:00"	6.4672	176.61	78.734	9.6542	22.926	26.45	0
"2014-05-03	22:00:00"	5.6632	150.94	71.253	12.563	0.06211	26.462	0
"2014-05-03	23:00:00"	5.936	141.19	67.759	14.836	0.06953	26.477	0
"2014-05-04	00:00:00"	7.2949	146.79	66.955	15.022	0.06084	26.48	0
"2014-05-04	01:00:00"	7.5298	154.28	65.594	15.396	0.06953	26.483	0
"2014-05-04	02:00:00"	10.763	159.97	65.701	15.245	0.05935	26.485	0
"2014-05-04	03:00:00"	12.655	172.68	66.631	16.252	0.05575	26.474	0
"2014-05-04	04:00:00"	7.9566	172.92	62.155	18.774	0.06571	26.462	0
"2014-05-04	05:00:00"	8.6439	176.08	60.732	20.309	0.0496	26.465	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-04	06:00:00"	9.2746	168.54	59.124	22.379	0.07165	26.465	0
"2014-05-04	07:00:00"	8.3531	169.8	56.567	24.758	0.43095	26.474	0
"2014-05-04	08:00:00"	7.1184	179.26	56.301	25.386	70.292	26.488	0
"2014-05-04	09:00:00"	8.9136	188.58	62.26	20.724	273.37	26.497	0
"2014-05-04	10:00:00"	9.6567	194.36	69.72	15.396	512.36	26.5	0
"2014-05-04	11:00:00"	10.141	202.91	76.086	11.466	736.72	26.5	0
"2014-05-04	12:00:00"	12.547	198.02	81.494	9.3392	917.81	26.488	0
"2014-05-04	13:00:00"	13.053	213.09	84.936	7.5747	1039.7	26.477	0
"2014-05-04	14:00:00"	11.844	210.46	86.78	6.6917	1093.5	26.45	0
"2014-05-04	15:00:00"	10.489	207.56	88.815	6.0261	1077.7	26.429	0
"2014-05-04	16:00:00"	8.6569	224.25	90.712	5.4039	992	26.403	0
"2014-05-04	17:00:00"	7.5584	225.81	90.994	5.0992	842.97	26.376	0
"2014-05-04	18:00:00"	8.4034	233.05	91.673	4.8578	649.47	26.364	0
"2014-05-04	19:00:00"	6.7972	223.82	91.752	4.862	418.57	26.356	0
"2014-05-04	20:00:00"	7.0762	247.29	90.555	4.8392	192.18	26.358	0
"2014-05-04	21:00:00"	2.3836	223.97	85.136	6.1731	25.176	26.37	0
"2014-05-04	22:00:00"	1.3353	221.94	78.483	7.8133	0.05384	26.382	0
"2014-05-04	23:00:00"	2.7825	258.39	75.938	8.5147	0.05999	26.397	0
"2014-05-05	00:00:00"	3.3299	206.54	71.862	9.9444	0.0549	26.409	0
"2014-05-05	01:00:00"	11.985	166	72.207	17.835	0.05872	26.412	0
"2014-05-05	02:00:00"	11.566	162.5	70.546	20.767	0.05978	26.406	0
"2014-05-05	03:00:00"	9.0695	176.04	67.985	22.563	0.05596	26.397	0
"2014-05-05	04:00:00"	4.2912	210.24	63.453	26.169	0.06465	26.397	0
"2014-05-05	05:00:00"	4.2968	215.61	61.826	28.236	0.06805	26.403	0
"2014-05-05	06:00:00"	3.9264	229.32	59.551	30.876	0.07334	26.406	0
"2014-05-05	07:00:00"	4.1427	219.58	58.292	32.588	0.47695	26.409	0
"2014-05-05	08:00:00"	3.8152	242.98	57.512	34.347	68.08	26.426	0
"2014-05-05	09:00:00"	4.5764	234.97	62.269	31.088	268.23	26.432	0
"2014-05-05	10:00:00"	7.2135	217.12	68.996	24.963	505.5	26.441	0
"2014-05-05	11:00:00"	7.1793	240.8	77.238	17.32	726.95	26.435	0
"2014-05-05	12:00:00"	8.0722	282.04	85.804	8.8553	905.2	26.423	0
"2014-05-05	13:00:00"	8.1692	296.78	89.589	6.6067	1025.8	26.403	0
"2014-05-05	14:00:00"	8.3463	275.44	91.124	6.1039	1081.7	26.367	0
"2014-05-05	15:00:00"	10.576	245.01	92.388	5.8756	1063	26.356	0
"2014-05-05	16:00:00"	11.659	234.4	93	5.8047	980.07	26.326	0
"2014-05-05	17:00:00"	13.539	242.23	93.55	5.8136	832.61	26.296	0
"2014-05-05	18:00:00"	11.82	242.07	93.677	5.7575	633.99	26.276	0
"2014-05-05	19:00:00"	15.993	241.15	93.091	6.1544	398.92	26.27	0
"2014-05-05	20:00:00"	15.322	242.55	91.06	7.115	187.47	26.276	0
"2014-05-05	21:00:00"	9.9811	236.41	86.86	8.9139	23.403	26.285	0
"2014-05-05	22:00:00"	6.4678	248.79	81.257	11.365	0.06529	26.296	0
"2014-05-05	23:00:00"	4.267	269.6	77.457	12.697	0.05702	26.302	0
"2014-05-06	00:00:00"	5.9981	279.88	75.987	13.035	0.07462	26.299	0
"2014-05-06	01:00:00"	4.0128	309.9	73.888	13.496	0.07165	26.288	0
"2014-05-06	02:00:00"	4.971	128.14	69.487	15.898	0.07631	26.291	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-06	03:00:00"	5.0064	162.64	68.84	18.366	0.05808	26.279	0
"2014-05-06	04:00:00"	3.0752	236.36	66.829	25.396	0.09899	26.27	0
"2014-05-06	05:00:00"	2.2183	264.93	65.343	27.04	0.06169	26.27	0
"2014-05-06	06:00:00"	1.0551	206.21	63.662	31.983	0.06105	26.276	0
"2014-05-06	07:00:00"	1.2956	279.76	62.611	35.654	0.41951	26.282	0
"2014-05-06	08:00:00"	1.761	276.64	63.202	36.827	66.901	26.296	0
"2014-05-06	09:00:00"	3.0708	252.58	67.277	28.913	258.04	26.311	0
"2014-05-06	10:00:00"	7.1843	237.44	75.704	14.852	506.14	26.311	0
"2014-05-06	11:00:00"	12.67	260.62	82.176	10.412	732.24	26.305	0
"2014-05-06	12:00:00"	13.871	262.51	83.652	10.369	873.58	26.302	0
"2014-05-06	13:00:00"	14.484	249.89	84.575	10.522	1023.6	26.279	0
"2014-05-06	14:00:00"	15.488	234.68	85.962	8.8681	1085	26.252	0
"2014-05-06	15:00:00"	16.633	229.81	87.517	7.9078	1070.7	26.226	0
"2014-05-06	16:00:00"	17.508	227.79	87.491	8.0506	984.82	26.208	0
"2014-05-06	17:00:00"	17.217	238.98	88.28	7.75	841.11	26.184	0
"2014-05-06	18:00:00"	18.053	228.22	88.29	7.1881	639.58	26.187	0
"2014-05-06	19:00:00"	19.268	229.06	87.724	7.2808	454.35	26.184	0
"2014-05-06	20:00:00"	17.636	234.36	86.197	8.2097	211.24	26.178	0
"2014-05-06	21:00:00"	10.22	240.91	82.871	9.955	25.141	26.19	0
"2014-05-06	22:00:00"	5.5774	203.1	76.251	13.403	0.06275	26.208	0
"2014-05-06	23:00:00"	6.4032	199.25	74.418	18.278	0.05469	26.217	0
"2014-05-07	00:00:00"	6.379	184.54	72.304	21.488	0.05723	26.226	0
"2014-05-07	01:00:00"	7.6304	181.1	71.98	22.016	0.06465	26.234	0
"2014-05-07	02:00:00"	6.415	175.15	67.881	25.738	0.07631	26.229	0
"2014-05-07	03:00:00"	4.7442	187.12	66.503	29.794	0.05787	26.22	0
"2014-05-07	04:00:00"	3.3629	178.01	64.833	32.016	0.06593	26.217	0
"2014-05-07	05:00:00"	3.1528	163.2	62.185	36.051	0.05808	26.211	0
"2014-05-07	06:00:00"	1.7889	186.71	61.487	38.085	0.0655	26.208	0
"2014-05-07	07:00:00"	4.2651	169.39	60.713	40.596	0.48268	26.234	0
"2014-05-07	08:00:00"	4.7889	148.11	60.884	42.833	64.623	26.249	0
"2014-05-07	09:00:00"	7.2974	178.22	68.303	34.574	250.74	26.27	0
"2014-05-07	10:00:00"	9.8754	181.92	74.625	27.116	499.83	26.27	0
"2014-05-07	11:00:00"	11.402	197.94	78.283	22.195	717.5	26.267	0
"2014-05-07	12:00:00"	11.771	197.96	81.008	19.979	895.6	26.261	0
"2014-05-07	13:00:00"	12.769	200.61	83.257	19.12	1034.3	26.237	0
"2014-05-07	14:00:00"	16.07	209.26	85.777	14.083	1063.2	26.208	0
"2014-05-07	15:00:00"	17.269	213.4	86.62	13.821	972.33	26.199	0
"2014-05-07	16:00:00"	18.142	209.56	87.701	12.139	981.2	26.172	0
"2014-05-07	17:00:00"	18.671	213.82	88.182	10.574	671.39	26.155	0
"2014-05-07	18:00:00"	21.23	219.12	86.938	10.441	355.03	26.152	0
"2014-05-07	19:00:00"	19.597	221.34	85.947	11.047	249.36	26.146	0
"2014-05-07	20:00:00"	17.391	225.73	85.22	11.091	154.38	26.14	0
"2014-05-07	21:00:00"	10.04	233.4	82.536	11.874	15.162	26.149	0
"2014-05-07	22:00:00"	7.2862	223.86	80.45	12.904	0.05851	26.19	0
"2014-05-07	23:00:00"	10.7	281.16	78.545	11.068	0.04706	26.232	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-08	00:00:00"	9.2013	287.72	75.683	10.57	0.06275	26.234	0
"2014-05-08	01:00:00"	9.594	288.42	72.213	11.406	0.0619	26.229	0
"2014-05-08	02:00:00"	7.3415	295.38	68.939	11.714	0.06169	26.246	0
"2014-05-08	03:00:00"	4.0184	323.43	65.74	12.209	0.0778	26.261	0
"2014-05-08	04:00:00"	4.2663	87.347	60.522	14.834	0.0744	26.282	0
"2014-05-08	05:00:00"	3.2013	29.739	61.784	13.669	0.05596	26.296	0
"2014-05-08	06:00:00"	5.9502	325.11	59.773	15.147	0.0655	26.305	0
"2014-05-08	07:00:00"	7.4546	318.41	59.143	15.877	0.57489	26.32	0
"2014-05-08	08:00:00"	8.7812	327.98	59.597	16.287	75.49	26.35	0
"2014-05-08	09:00:00"	7.9498	339.66	64.429	14.756	278.12	26.364	0
"2014-05-08	10:00:00"	6.7487	334.89	69.179	12.595	515.67	26.376	0
"2014-05-08	11:00:00"	8.6371	293.93	71.396	11.634	735.9	26.379	0
"2014-05-08	12:00:00"	11.96	255.52	73.605	11.106	913.11	26.376	0
"2014-05-08	13:00:00"	14.262	243.45	75.204	10.595	1034.2	26.356	0
"2014-05-08	14:00:00"	16.394	236.27	76.758	9.2386	1090.5	26.341	0
"2014-05-08	15:00:00"	15.393	232.36	78.256	8.2911	1072.7	26.329	0
"2014-05-08	16:00:00"	20.055	219.26	79.403	7.8189	987.66	26.311	0
"2014-05-08	17:00:00"	20.561	234.29	79.664	7.1956	844.32	26.296	0
"2014-05-08	18:00:00"	19.352	232.05	79.814	6.9511	645.01	26.302	0
"2014-05-08	19:00:00"	18.926	229.78	79.204	7.1186	416.97	26.308	0
"2014-05-08	20:00:00"	16.825	243.4	77.558	8.0433	187.31	26.326	0
"2014-05-08	21:00:00"	11.204	265.66	74.284	9.5056	25.067	26.356	0
"2014-05-08	22:00:00"	8.2661	274.94	70.494	11.783	0.06783	26.379	0
"2014-05-08	23:00:00"	6.1746	278.33	67.088	13.138	0.07017	26.397	0
"2014-05-09	00:00:00"	7.1669	299.86	64.732	14.171	0.05935	26.418	0
"2014-05-09	01:00:00"	9.4846	337.43	61.519	17.901	0.06677	26.42	0
"2014-05-09	02:00:00"	8.3823	338.48	58.694	22.811	0.0602	26.418	0
"2014-05-09	03:00:00"	12.231	339.17	59.725	21.968	0.05787	26.415	0
"2014-05-09	04:00:00"	10.553	343.73	58.349	22.999	0.07419	26.423	0
"2014-05-09	05:00:00"	2.8496	314.77	56.033	24.975	0.0761	26.444	0
"2014-05-09	06:00:00"	3.855	325.16	55.616	25.274	0.0655	26.444	0
"2014-05-09	07:00:00"	2.1549	334.33	53.379	27.485	0.76949	26.459	0
"2014-05-09	08:00:00"	4.0284	321.85	54.46	27.062	92.828	26.471	0
"2014-05-09	09:00:00"	4.7566	322.5	61.397	22.51	238.97	26.494	0
"2014-05-09	10:00:00"	4.28	279.1	67.48	18.255	502.07	26.494	0
"2014-05-09	11:00:00"	6.9476	10.003	70.593	16.136	730.93	26.485	0
"2014-05-09	12:00:00"	4.5298	320.19	72.979	14.114	910.03	26.477	0
"2014-05-09	13:00:00"	5.5221	231.52	75.43	12.288	1013.7	26.465	0
"2014-05-09	14:00:00"	8.2953	226.97	78.11	10.671	1009.8	26.429	0
"2014-05-09	15:00:00"	9.8425	229.17	80.082	9.355	1087.2	26.394	0
"2014-05-09	16:00:00"	12.122	220.32	82.021	7.9381	999.38	26.367	0
"2014-05-09	17:00:00"	14.303	216.95	82.589	7.2247	852.83	26.338	0
"2014-05-09	18:00:00"	12.084	222.87	82.904	7.3747	654.18	26.32	0
"2014-05-09	19:00:00"	12.311	208.7	83.232	7.6242	424.29	26.311	0
"2014-05-09	20:00:00"	10.681	189.66	82.23	8.1278	193.77	26.305	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-09	21:00:00"	7.8249	189.17	78.391	9.6417	29.304	26.311	0
"2014-05-09	22:00:00"	4.5857	184.18	71.66	12.127	0.06147	26.329	0
"2014-05-09	23:00:00"	5.0865	189.56	68.798	13.52	0.0655	26.347	0
"2014-05-10	00:00:00"	5.3233	190.96	68.109	14.198	0.07886	26.356	0
"2014-05-10	01:00:00"	4.4863	176.73	65.79	15.718	0.05024	26.353	0
"2014-05-10	02:00:00"	4.6323	166.75	63.696	17.131	0.05723	26.341	0
"2014-05-10	03:00:00"	3.4598	137.57	61.064	19.258	0.05596	26.323	0
"2014-05-10	04:00:00"	2.296	215.81	59.659	20.187	0.07631	26.311	0
"2014-05-10	05:00:00"	3.7562	190.36	58.064	22.514	0.07631	26.317	0
"2014-05-10	06:00:00"	3.6319	215.96	57.037	29.898	0.06529	26.323	0
"2014-05-10	07:00:00"	2.808	219.44	56.494	35.348	0.84198	26.326	0
"2014-05-10	08:00:00"	2.8341	215.93	55.919	50.478	75.674	26.335	0
"2014-05-10	09:00:00"	6.7903	208.65	60.851	58.761	269.51	26.358	0
"2014-05-10	10:00:00"	7.2694	217.99	67.125	42.674	508.13	26.364	0
"2014-05-10	11:00:00"	7.3297	229.97	74.164	25.869	730.42	26.364	0
"2014-05-10	12:00:00"	6.5673	239.99	79.985	15.119	911.18	26.35	0
"2014-05-10	13:00:00"	10.284	217	83.451	9.9481	1037	26.326	0
"2014-05-10	14:00:00"	11.711	225.5	85.925	7.995	1093.6	26.296	0
"2014-05-10	15:00:00"	14.595	216.91	88.168	7.0914	1077.7	26.261	0
"2014-05-10	16:00:00"	20.464	220.83	89.917	6.5956	994.12	26.237	0
"2014-05-10	17:00:00"	20.306	218.93	90.164	6.37	846.84	26.211	0
"2014-05-10	18:00:00"	19.463	213.46	90.434	6.3064	653.16	26.196	0
"2014-05-10	19:00:00"	18.086	220.27	90.173	6.205	424.04	26.187	0
"2014-05-10	20:00:00"	14.83	221.03	89.186	6.1069	196.12	26.187	0
"2014-05-10	21:00:00"	8.1698	217.26	84.835	7.3261	30.105	26.199	0
"2014-05-10	22:00:00"	4.3906	209.22	77.614	9.4203	0.0672	26.211	0
"2014-05-10	23:00:00"	2.6862	263.24	75.272	10.375	0.06296	26.205	0
"2014-05-11	00:00:00"	2.5234	57.029	72.992	11.268	0.07229	26.199	0
"2014-05-11	01:00:00"	8.3202	154.46	72.384	17.126	0.05745	26.205	0
"2014-05-11	02:00:00"	8.5445	171.58	72.136	38.039	0.05617	26.199	0
"2014-05-11	03:00:00"	4.4086	200.92	69.039	45.755	0.07207	26.19	0
"2014-05-11	04:00:00"	4.723	193.86	66.347	49.064	0.05554	26.181	0
"2014-05-11	05:00:00"	7.6764	163.84	66.19	56.534	0.04727	26.172	0
"2014-05-11	06:00:00"	9.7462	160.48	66.532	64.624	0.05957	26.167	0
"2014-05-11	07:00:00"	9.9469	178.32	65.643	73.279	0.81485	26.181	0
"2014-05-11	08:00:00"	4.9623	195	64.209	78.02	74.83	26.196	0
"2014-05-11	09:00:00"	9.3106	192.75	68.459	65.749	278.25	26.208	0
"2014-05-11	10:00:00"	11.548	198.02	73.451	39.354	519.62	26.205	0
"2014-05-11	11:00:00"	14.628	221.98	80.389	13.257	746.9	26.208	0
"2014-05-11	12:00:00"	19.868	222.16	84.422	7.8939	926.13	26.196	0
"2014-05-11	13:00:00"	15.718	208.23	86.211	8.1967	1042.9	26.187	0
"2014-05-11	14:00:00"	14.605	199.01	87.375	8.2656	1099.8	26.161	0
"2014-05-11	15:00:00"	15.691	208.04	90.492	6.0086	1086.2	26.122	0
"2014-05-11	16:00:00"	20.23	212.12	93.142	5.2028	999.91	26.09	0
"2014-05-11	17:00:00"	20.173	202.3	94.105	5.5211	847.29	26.069	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-11	18:00:00"	19.506	199.34	94.798	5.475	656.79	26.06	0
"2014-05-11	19:00:00"	19.098	216.23	94.445	4.6594	434.16	26.063	0
"2014-05-11	20:00:00"	16.991	217.84	92.833	4.6917	206.84	26.063	0
"2014-05-11	21:00:00"	8.7216	216.16	88.191	5.622	29.724	26.075	0
"2014-05-11	22:00:00"	4.4677	205.37	79.989	8.8094	0.05109	26.116	0
"2014-05-11	23:00:00"	14.17	164.01	79.182	43.504	0.07652	26.152	0
"2014-05-12	00:00:00"	13.484	172.35	75.739	59.075	0.05829	26.187	0
"2014-05-12	01:00:00"	12.214	174.37	72.792	67.319	0.05109	26.202	0
"2014-05-12	02:00:00"	7.8939	191.47	70.896	72.806	0.06444	26.211	0
"2014-05-12	03:00:00"	3.6903	231.85	68.364	77.897	0.05617	26.217	0
"2014-05-12	04:00:00"	10.97	292.36	66.528	59.808	0.06232	26.243	0
"2014-05-12	05:00:00"	21.971	0.15892	54.868	48.633	0.07907	26.285	0
"2014-05-12	06:00:00"	18.828	4.5158	50.429	52.279	0.06677	26.308	0
"2014-05-12	07:00:00"	18.969	5.4262	48.104	53.148	0.51829	26.344	0
"2014-05-12	08:00:00"	18.208	8.6966	47.342	54.947	64.82	26.376	0
"2014-05-12	09:00:00"	19.491	6.7302	49.168	52.403	257.2	26.409	0
"2014-05-12	10:00:00"	16.289	0.35698	52.778	46.241	480.94	26.432	0
"2014-05-12	11:00:00"	15.328	4.5946	57.267	40.665	685.83	26.453	0
"2014-05-12	12:00:00"	14.789	10.448	61.815	34.977	851.15	26.462	0
"2014-05-12	13:00:00"	12.117	12.333	66.229	28.959	962.5	26.459	0
"2014-05-12	14:00:00"	9.2901	11.93	69.873	23.721	1026.4	26.45	0
"2014-05-12	15:00:00"	7.9852	20.771	72.536	21.059	1048.2	26.438	0
"2014-05-12	16:00:00"	6.2584	50.885	74.025	19.49	967.04	26.415	0
"2014-05-12	17:00:00"	7.0755	322.32	75.645	17.92	826.21	26.394	0
"2014-05-12	18:00:00"	4.0196	317.25	76.343	16.777	632.89	26.382	0
"2014-05-12	19:00:00"	3.6804	7.4027	76.656	16.503	407.96	26.37	0
"2014-05-12	20:00:00"	4.7019	42.177	75.762	17.008	183.46	26.382	0
"2014-05-12	21:00:00"	9.4262	34.44	72.431	19.571	22.095	26.415	0
"2014-05-12	22:00:00"	19.206	37.006	67.585	22.636	0.05914	26.45	0
"2014-05-12	23:00:00"	24.924	32.211	61.587	26.546	0.05978	26.491	0
"2014-05-13	00:00:00"	24.441	33.073	58.089	29.592	0.06253	26.53	0
"2014-05-13	01:00:00"	23.726	38.371	55.41	32.189	0.05893	26.568	0
"2014-05-13	02:00:00"	20.172	30.111	52.61	36.257	0.0672	26.604	0
"2014-05-13	03:00:00"	20.449	21.002	49.618	40.673	0.06169	26.624	0
"2014-05-13	04:00:00"	19.195	13.826	47.52	44.408	0.08543	26.654	0
"2014-05-13	05:00:00"	19.281	3.4019	46.393	45.725	0.05363	26.654	0
"2014-05-13	06:00:00"	20.436	4.7242	46.229	44.946	0.07716	26.669	0
"2014-05-13	07:00:00"	16.733	17.604	45.988	46.123	0.19375	26.695	0
"2014-05-13	08:00:00"	18.197	22.7	45.866	44.847	17.634	26.713	0
"2014-05-13	09:00:00"	19.322	29.224	45.883	44.638	105.15	26.728	0
"2014-05-13	10:00:00"	18.944	32.626	46.855	42.328	199.22	26.739	0
"2014-05-13	11:00:00"	16.384	23.407	47.994	40.587	258.43	26.757	0
"2014-05-13	12:00:00"	15.462	12.443	49.892	37.419	393.56	26.754	0
"2014-05-13	13:00:00"	14.194	18.815	51.265	34.387	347.96	26.739	0
"2014-05-13	14:00:00"	13.223	19.994	53.059	32.592	320.3	26.728	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-13	15:00:00"	13.719	14.175	56.181	28.908	447.69	26.707	0
"2014-05-13	16:00:00"	14.622	21.503	59.151	25.861	611.11	26.689	0
"2014-05-13	17:00:00"	12.33	24.757	59.683	26.404	401.6	26.669	0
"2014-05-13	18:00:00"	11.905	32.862	60.732	24.261	333.46	26.666	0
"2014-05-13	19:00:00"	13.392	9.5165	61.081	22.239	195.46	26.683	0
"2014-05-13	20:00:00"	12.289	27.845	59.326	24.665	97.682	26.695	0
"2014-05-13	21:00:00"	11.439	24.966	57.595	24.691	31.537	26.728	0
"2014-05-13	22:00:00"	4.7926	38.608	51.338	30.613	0.07737	26.745	0
"2014-05-13	23:00:00"	4.4944	49.122	47.112	38.598	0.06995	26.778	0
"2014-05-14	00:00:00"	3.8705	17.408	45.766	44.371	0.06656	26.79	0
"2014-05-14	01:00:00"	4.3552	6.5762	44.446	47.042	0.07546	26.787	0
"2014-05-14	02:00:00"	3.4499	359.09	42.025	50.839	0.06593	26.787	0
"2014-05-14	03:00:00"	2.9608	334.14	40.422	50.258	0.0884	26.787	0
"2014-05-14	04:00:00"	6.2597	359.26	42.066	39.808	0.06169	26.781	0
"2014-05-14	05:00:00"	8.373	358.71	42.546	38.227	0.07207	26.778	0
"2014-05-14	06:00:00"	6.9643	356.69	41.412	39.185	0.06995	26.787	0
"2014-05-14	07:00:00"	5.5899	346.37	38.13	43.217	1.3842	26.796	0
"2014-05-14	08:00:00"	6.8444	346.19	39.268	41.023	87.367	26.81	0
"2014-05-14	09:00:00"	9.123	356.63	48.254	29.805	286.31	26.819	0
"2014-05-14	10:00:00"	10.744	9.704	54.299	24.358	509.53	26.834	0
"2014-05-14	11:00:00"	12.277	4.6752	57.495	20.882	714.39	26.828	0
"2014-05-14	12:00:00"	12.18	356.84	58.985	18.986	880.23	26.822	0
"2014-05-14	13:00:00"	9.3777	356.29	60.657	17.451	995.21	26.801	0
"2014-05-14	14:00:00"	9.4212	341.24	62.394	15.468	1054.4	26.781	0
"2014-05-14	15:00:00"	9.4082	321.14	64.759	13.776	1074.5	26.76	0
"2014-05-14	16:00:00"	9.146	348.02	65.314	12.219	1000.1	26.734	0
"2014-05-14	17:00:00"	7.5211	319.85	66.737	11.246	856.64	26.71	0
"2014-05-14	18:00:00"	8.4618	338.82	67.138	10.608	662.76	26.695	0
"2014-05-14	19:00:00"	8.0281	335.08	67.362	10.959	435.55	26.686	0
"2014-05-14	20:00:00"	6.7903	343.19	66.786	11.27	205.75	26.686	0
"2014-05-14	21:00:00"	4.38	346.58	64.222	12.271	35.925	26.701	0
"2014-05-14	22:00:00"	4.0507	344.05	58.372	15.236	0.05172	26.713	0
"2014-05-14	23:00:00"	2.3339	304.34	56.411	16.081	0.07843	26.725	0
"2014-05-15	00:00:00"	1.3061	265.09	53.753	17.883	0.06423	26.725	0
"2014-05-15	01:00:00"	1.3739	307.08	52.125	18.989	0.06444	26.71	0
"2014-05-15	02:00:00"	1.134	202.79	50.303	19.354	0.08288	26.713	0
"2014-05-15	03:00:00"	1.756	198.85	47.309	20.313	0.0655	26.704	0
"2014-05-15	04:00:00"	1.7417	299.71	47.872	20.42	0.07462	26.692	0
"2014-05-15	05:00:00"	2.263	285.59	49.428	19.484	0.06465	26.689	0
"2014-05-15	06:00:00"	2.547	291.31	48.69	20.561	0.06508	26.689	0
"2014-05-15	07:00:00"	2.8664	310.23	46.211	20.901	1.5858	26.695	0
"2014-05-15	08:00:00"	2.5625	306.04	46.79	21.557	86.881	26.701	0
"2014-05-15	09:00:00"	4.1651	264.28	54.518	17.819	283.37	26.707	0
"2014-05-15	10:00:00"	7.6118	231.04	62.739	13.737	514.33	26.71	0
"2014-05-15	11:00:00"	11.786	212.71	67.389	11.747	742.49	26.701	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-15	12:00:00"	11.569	216.45	69.952	10.909	919.45	26.695	0
"2014-05-15	13:00:00"	11.36	218.42	72.184	10.17	1039.4	26.677	0
"2014-05-15	14:00:00"	11.823	218.39	73.64	9.6203	1093.3	26.651	0
"2014-05-15	15:00:00"	11.5	233.43	75.568	8.9486	1078	26.63	0
"2014-05-15	16:00:00"	11.197	232.72	77.084	8.4558	992.65	26.604	0
"2014-05-15	17:00:00"	9.7561	238.51	77.877	8.0511	850.15	26.574	0
"2014-05-15	18:00:00"	9.1391	224.4	78.545	7.837	656.35	26.565	0
"2014-05-15	19:00:00"	9.2988	234.77	78.704	7.6597	430.66	26.556	0
"2014-05-15	20:00:00"	6.3106	246.1	78.099	7.6967	204.19	26.556	0
"2014-05-15	21:00:00"	2.3575	236.29	74.559	8.8842	34.495	26.562	0
"2014-05-15	22:00:00"	1.7517	176.76	69.753	10.526	0.05045	26.565	0
"2014-05-15	23:00:00"	4.1023	152.04	63.103	12.755	0.06593	26.574	0
"2014-05-16	00:00:00"	5.4724	164.87	61.17	13.692	0.07843	26.568	0
"2014-05-16	01:00:00"	5.13	178.73	58.43	14.876	0.07525	26.553	0
"2014-05-16	02:00:00"	7.3359	177.88	58.773	13.472	0.06423	26.547	0
"2014-05-16	03:00:00"	9.6735	183.06	59.981	11.778	0.04918	26.542	0
"2014-05-16	04:00:00"	8.158	189.7	58.405	13.549	0.07843	26.539	0
"2014-05-16	05:00:00"	5.2649	209.78	53.759	15.964	0.0672	26.536	0
"2014-05-16	06:00:00"	3.4623	212.71	50.413	17.787	0.0744	26.527	0
"2014-05-16	07:00:00"	3.2939	208.81	50.133	17.909	1.2155	26.518	0
"2014-05-16	08:00:00"	4.1085	200.97	51.604	18.818	80.798	26.533	0
"2014-05-16	09:00:00"	7.0395	209.87	58.492	16.271	284.18	26.542	0
"2014-05-16	10:00:00"	9.3783	213.81	64.734	12.855	519.4	26.542	0
"2014-05-16	11:00:00"	9.2963	230.02	71.788	10.739	742.84	26.539	0
"2014-05-16	12:00:00"	8.7912	232.63	79.401	8.6911	921.59	26.524	0
"2014-05-16	13:00:00"	10.572	226.75	83.09	7.5225	1019.9	26.503	0
"2014-05-16	14:00:00"	10.54	244.31	85.05	7.0419	1058.5	26.477	0
"2014-05-16	15:00:00"	12.761	234.83	86.61	6.8136	1065.5	26.447	0
"2014-05-16	16:00:00"	11.951	253.68	87.61	6.5158	952.83	26.426	0
"2014-05-16	17:00:00"	10.938	248.44	88.692	6.1386	857.2	26.4	0
"2014-05-16	18:00:00"	10.701	244.67	88.604	6.1369	654.63	26.388	0
"2014-05-16	19:00:00"	9.5182	286.17	87.356	6.6178	308.52	26.379	0
"2014-05-16	20:00:00"	5.7974	277.66	86.328	7.2203	178.13	26.373	0
"2014-05-16	21:00:00"	2.9285	87.206	81.487	9.0183	30.764	26.373	0
"2014-05-16	22:00:00"	2.1978	108.22	77.765	9.6989	0.07356	26.376	0
"2014-05-16	23:00:00"	4.2955	148.71	71.394	12.125	0.06614	26.37	0
"2014-05-17	00:00:00"	5.2531	156.36	68.251	13.075	0.07313	26.37	0
"2014-05-17	01:00:00"	8.2847	162.69	68.224	13.482	0.08098	26.373	0
"2014-05-17	02:00:00"	9.8015	177.33	68.265	16.565	0.06063	26.364	0
"2014-05-17	03:00:00"	6.1435	196.84	64.878	18.907	0.06211	26.356	0
"2014-05-17	04:00:00"	4.9119	209.09	61.508	21.247	0.06084	26.344	0
"2014-05-17	05:00:00"	5.3512	284.24	61.752	21.47	0.06487	26.385	0
"2014-05-17	06:00:00"	5.3419	26.578	59.397	23.395	0.06444	26.394	0
"2014-05-17	07:00:00"	9.4858	22.436	56.972	34.389	0.40912	26.406	0
"2014-05-17	08:00:00"	12.02	13.939	56.775	47.324	36.08	26.423	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-17	09:00:00"	14.676	9.6552	56.962	55.866	139.39	26.45	0
"2014-05-17	10:00:00"	12.933	6.899	58.938	53.107	304.14	26.48	0
"2014-05-17	11:00:00"	12.889	7.2147	62.166	46.102	530.19	26.477	0
"2014-05-17	12:00:00"	11.546	17.129	67.59	35.705	846.66	26.474	0
"2014-05-17	13:00:00"	11.474	19.575	72.04	27.289	834.61	26.465	0
"2014-05-17	14:00:00"	9.4883	31.385	75.745	22.699	1054.3	26.447	0
"2014-05-17	15:00:00"	7.5006	31.236	79.155	19.584	1048.8	26.435	0
"2014-05-17	16:00:00"	5.3059	57.296	81.719	17.272	976.46	26.415	0
"2014-05-17	17:00:00"	6.0285	86.132	84.461	15.213	836.08	26.394	0
"2014-05-17	18:00:00"	6.4939	84.475	85.151	14.112	645.92	26.385	0
"2014-05-17	19:00:00"	8.222	95.357	85.388	13.863	421.92	26.382	0
"2014-05-17	20:00:00"	8.9384	101.17	84.074	14.868	192.7	26.379	0
"2014-05-17	21:00:00"	8.2891	99.269	79.948	17.378	32.318	26.394	0
"2014-05-17	22:00:00"	7.6124	96.133	74.736	21.546	0.05193	26.4	0
"2014-05-17	23:00:00"	8.6675	91.218	72.173	24.173	0.04897	26.412	0
"2014-05-18	00:00:00"	11.117	85.681	70.041	25.377	0.07101	26.415	0
"2014-05-18	01:00:00"	12.318	85.02	67.806	29.677	0.06762	26.42	0
"2014-05-18	02:00:00"	12.002	79.577	66.01	34.859	0.05702	26.426	0
"2014-05-18	03:00:00"	12.072	69.459	63.28	42.884	0.06338	26.435	0
"2014-05-18	04:00:00"	10.18	68.658	61.03	48.85	0.06317	26.42	0
"2014-05-18	05:00:00"	9.3454	64.03	58.017	53.91	0.07695	26.412	0
"2014-05-18	06:00:00"	8.5612	54.231	55.299	59.295	0.07356	26.409	0
"2014-05-18	07:00:00"	7.9237	60.686	53.748	66.458	1.363	26.403	0
"2014-05-18	08:00:00"	8.002	56.63	53.626	70.218	85.654	26.412	0
"2014-05-18	09:00:00"	8.2475	88.609	59.978	62.213	252.09	26.423	0
"2014-05-18	10:00:00"	9.2522	134.77	66.788	52.354	485.47	26.429	0
"2014-05-18	11:00:00"	10.049	158.78	72.231	44.288	700.42	26.426	0
"2014-05-18	12:00:00"	10.473	170.72	77.83	36.562	903.09	26.42	0
"2014-05-18	13:00:00"	10.049	177.48	82.075	31.119	1014.2	26.409	0
"2014-05-18	14:00:00"	10.155	190.55	85.201	25.515	1073.3	26.385	0
"2014-05-18	15:00:00"	10.341	184.1	88.417	21.322	1057.4	26.364	0
"2014-05-18	16:00:00"	10.76	189.01	91.818	15.561	979.11	26.338	0
"2014-05-18	17:00:00"	10.086	170.83	93.505	11.746	817.37	26.314	0
"2014-05-18	18:00:00"	10.974	168.42	93.923	11.809	609.9	26.299	0
"2014-05-18	19:00:00"	11.902	166.81	93.082	13.194	347.16	26.294	0
"2014-05-18	20:00:00"	16.17	155.79	88.861	20.394	128.48	26.302	0
"2014-05-18	21:00:00"	15.186	155.42	84.061	27.79	30.194	26.326	0
"2014-05-18	22:00:00"	11.453	166.45	79.597	33.723	0.06253	26.338	0
"2014-05-18	23:00:00"	14.592	163.91	76.136	41.158	0.0655	26.361	0
"2014-05-19	00:00:00"	15.207	163.74	74.207	45.655	0.05702	26.358	0
"2014-05-19	01:00:00"	15.01	164.48	72.683	48.968	0.05469	26.358	0
"2014-05-19	02:00:00"	15.193	167.8	71.407	49.955	0.05427	26.353	0
"2014-05-19	03:00:00"	13.798	169.24	70.01	52.516	0.05851	26.347	0
"2014-05-19	04:00:00"	13.094	170.85	68.42	56.679	0.06995	26.338	0
"2014-05-19	05:00:00"	10.858	183.59	66.552	60.535	0.04664	26.344	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-19	06:00:00"	8.1306	183.3	64.479	64.896	0.05405	26.347	0
"2014-05-19	07:00:00"	6.3374	190.68	61.803	70.815	1.6948	26.356	0
"2014-05-19	08:00:00"	6.1534	192.79	61.308	73.28	81.066	26.37	0
"2014-05-19	09:00:00"	11.438	188.81	65.001	67.02	236.97	26.382	0
"2014-05-19	10:00:00"	12.92	198.37	70.306	55.061	429.41	26.397	0
"2014-05-19	11:00:00"	11.862	200.96	74.291	46.709	591.14	26.406	0
"2014-05-19	12:00:00"	10.778	209.57	77.368	39.493	580.7	26.403	0
"2014-05-19	13:00:00"	10.179	223	82.358	28.77	767.46	26.394	0
"2014-05-19	14:00:00"	11.835	232.42	89.491	13.31	790.9	26.382	0
"2014-05-19	15:00:00"	13.982	239.38	92.488	8.0828	894.38	26.367	0
"2014-05-19	16:00:00"	13.734	216.23	92.836	8.1639	756.66	26.35	0
"2014-05-19	17:00:00"	15.829	228.31	93.322	6.7522	608.76	26.341	0
"2014-05-19	18:00:00"	13.284	232	93.614	6.1208	517.48	26.326	0
"2014-05-19	19:00:00"	13.803	231.7	93.37	6.23	298.55	26.317	0
"2014-05-19	20:00:00"	12.242	243.23	91.679	6.3472	121.89	26.32	0
"2014-05-19	21:00:00"	5.0343	238.12	86.585	7.1333	14.145	26.329	0
"2014-05-19	22:00:00"	9.2323	162.72	82.051	19.774	0.05872	26.353	0
"2014-05-19	23:00:00"	11.82	167.06	80.166	34.322	0.04897	26.373	0
"2014-05-20	00:00:00"	10.284	170.57	76.332	42.541	0.06762	26.391	0
"2014-05-20	01:00:00"	8.4513	180.83	73.602	48.702	0.06656	26.397	0
"2014-05-20	02:00:00"	5.2375	199.4	70.472	52.798	0.08182	26.4	0
"2014-05-20	03:00:00"	4.3247	189.02	67.967	54.408	0.08119	26.388	0
"2014-05-20	04:00:00"	3.3678	174.43	66.137	55.851	0.05639	26.379	0
"2014-05-20	05:00:00"	4.4764	182.43	65.526	57.274	0.05511	26.385	0
"2014-05-20	06:00:00"	2.4575	210.42	63.157	62.031	0.07674	26.391	0
"2014-05-20	07:00:00"	2.4302	189.73	61.989	65.498	1.1282	26.406	0
"2014-05-20	08:00:00"	2.7434	203.32	61.76	67.346	82.713	26.42	0
"2014-05-20	09:00:00"	5.7259	186.08	67.25	59.734	274.17	26.435	0
"2014-05-20	10:00:00"	7.7609	192.45	72.371	50.287	488.73	26.45	0
"2014-05-20	11:00:00"	7.0874	219.02	78.172	37.264	714.81	26.453	0
"2014-05-20	12:00:00"	8.1188	233.45	83.777	24.759	892.91	26.45	0
"2014-05-20	13:00:00"	5.9788	231.8	88.958	14.251	1005.9	26.438	0
"2014-05-20	14:00:00"	6.7624	242.74	91.758	9.8647	1052	26.423	0
"2014-05-20	15:00:00"	8.9602	203.93	94.154	7.3364	1039.5	26.406	0
"2014-05-20	16:00:00"	9.6841	216.19	95.175	7.7033	949.69	26.388	0
"2014-05-20	17:00:00"	12.033	192.21	95.676	7.3411	809.21	26.37	0
"2014-05-20	18:00:00"	11.792	194.75	95.465	6.3694	604.97	26.364	0
"2014-05-20	19:00:00"	10.638	187.86	94.98	6.0681	389.21	26.356	0
"2014-05-20	20:00:00"	9.8792	179.53	94.139	6.3061	236.89	26.35	0
"2014-05-20	21:00:00"	7.298	169.29	88.434	9.6339	16.77	26.364	0
"2014-05-20	22:00:00"	8.9247	157.97	83.109	28.171	0.07123	26.385	0
"2014-05-20	23:00:00"	11.007	175.36	80.009	35.35	0.05109	26.418	0
"2014-05-21	00:00:00"	5.8999	201.59	76.76	42.377	0.0761	26.441	0
"2014-05-21	00:00:00"	10.514	200	75.776	100	0	0	0
"2014-05-21	01:00:00"	10.63	176.31	74.931	44.899	0.05914	26.432	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-21	02:00:00"	11.673	165.27	73.252	49.429	0.07716	26.418	0
"2014-05-21	03:00:00"	6.9538	152.98	70.941	53.164	0.05384	26.406	0
"2014-05-21	04:00:00"	6.4237	144.53	68.87	56.591	0.07843	26.4	0
"2014-05-21	05:00:00"	5.1462	133.24	67.391	59.811	0.0407	26.394	0
"2014-05-21	06:00:00"	4.6186	125.53	67.154	61.473	0.05554	0.00236	0
"2014-05-21	07:00:00"	3.9215	134.86	66.521	63.675	0.85067	26.418	0
"2014-05-21	08:00:00"	6.0292	137.75	67.813	62.08	27.685	26.426	0
"2014-05-21	09:00:00"	9.1777	151.88	68.644	61.015	94.946	26.45	0
"2014-05-21	10:00:00"	13.764	157.74	70.283	60.828	316.9	26.456	0
"2014-05-21	11:00:00"	12.061	152.31	72.125	58.709	352.76	26.456	0
"2014-05-21	12:00:00"	9.6772	169.44	76.833	50.789	783.18	26.453	0
"2014-05-21	13:00:00"	9.1	179.49	82.344	40.188	933.66	26.438	0
"2014-05-21	14:00:00"	7.9666	182.84	86.931	29.301	1038.2	26.423	0
"2014-05-21	15:00:00"	8.4662	196.43	89.99	24.296	910.48	26.409	0
"2014-05-21	16:00:00"	9.3939	203.73	90.795	22.248	684.13	26.397	0
"2014-05-21	17:00:00"	10.488	207.83	88.271	23.528	128.39	26.391	0
"2014-05-21	18:00:00"	9.5921	274	85.195	22.975	350.44	26.376	0
"2014-05-21	19:00:00"	16.253	115.97	84.623	23.376	516.71	26.361	0
"2014-05-21	20:00:00"	8.2866	151.05	84.832	19.671	181.79	26.364	0
"2014-05-21	21:00:00"	13.482	143.03	82.628	28.547	15.58	26.376	0
"2014-05-21	22:00:00"	10.277	137.65	79.6	37.104	0.0761	26.4	0
"2014-05-21	23:00:00"	8.6277	138.93	76.843	41.029	0.06359	26.438	0
"2014-05-22	00:00:00"	6.1193	83.131	73.638	46.359	0.06508	26.456	0
"2014-05-22	01:00:00"	5.8521	84.257	71.729	49.93	0.04324	26.45	0
"2014-05-22	02:00:00"	6.8786	89.933	71.417	51.101	0.04897	26.444	0
"2014-05-22	03:00:00"	9.0515	105.57	70.301	53.845	0.05575	26.432	0
"2014-05-22	04:00:00"	8.7762	111.69	69.051	56.87	0.07992	26.435	0
"2014-05-22	05:00:00"	8.0965	113.33	67.065	62.794	0.05851	26.435	0
"2014-05-22	06:00:00"	8.245	108.68	66.272	66.818	0.06508	26.435	0
"2014-05-22	07:00:00"	5.5327	114.11	66.594	70.89	1.2844	26.453	0
"2014-05-22	08:00:00"	6.2895	87.215	67.756	75.298	11.074	26.462	0
"2014-05-22	09:00:00"	10.773	118.19	68.892	76.747	135.77	26.471	0
"2014-05-22	10:00:00"	14.724	134.72	71.954	69.171	405.24	26.48	0
"2014-05-22	11:00:00"	14.896	149.41	74.109	62.795	601.77	26.488	0
"2014-05-22	12:00:00"	12.884	150.13	74.557	61.64	395.23	26.497	0
"2014-05-22	13:00:00"	12.19	129.8	76.188	58.286	494.26	26.506	0
"2014-05-22	14:00:00"	12.114	143.48	74.282	62.053	187.66	26.515	0
"2014-05-22	15:00:00"	11.326	161.64	73.025	65.518	194	26.503	0
"2014-05-22	16:00:00"	9.0931	151.11	75.115	58.122	346.91	26.462	0
"2014-05-22	17:00:00"	10.604	94.547	76.004	52.647	122.82	26.459	0
"2014-05-22	18:00:00"	8.7632	80.923	77.174	48.566	88.079	26.423	0
"2014-05-22	19:00:00"	10.982	114.22	77.71	48.446	73.584	26.45	0
"2014-05-22	20:00:00"	5.9465	160.06	77.305	47.762	58.447	26.459	0
"2014-05-22	21:00:00"	4.7827	311.21	72.86	54.892	20.339	26.474	0
"2014-05-22	22:00:00"	3.3256	18.856	68.375	61.907	0.04515	26.48	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-22	23:00:00"	5.2288	11.044	67.894	64.952	0.05405	26.497	0
"2014-05-23	00:00:00"	3.3535	48.336	68.506	65.174	0.08543	26.491	0
"2014-05-23	01:00:00"	3.901	87.56	69.172	65.386	0.0443	26.488	0
"2014-05-23	02:00:00"	4.6404	118.08	68.409	69.189	0.06529	26.471	0
"2014-05-23	03:00:00"	3.343	91.628	67.983	71.537	0.05808	26.474	0
"2014-05-23	04:00:00"	5.5557	9.8554	66.604	73.685	0.06317	26.471	0
"2014-05-23	05:00:00"	9.2976	18.093	64.624	74.827	0.06423	26.465	0
"2014-05-23	06:00:00"	9.7829	32.721	62.404	79.118	0.06487	26.465	0
"2014-05-23	07:00:00"	9.5517	32.81	61.41	82.521	0.36291	26.491	0
"2014-05-23	08:00:00"	9.4349	16.775	61.775	84.495	22.843	26.494	0
"2014-05-23	09:00:00"	12.095	20.951	64.066	82.226	145.54	26.506	0
"2014-05-23	10:00:00"	14.119	25.312	65.704	77.501	213.94	26.518	0
"2014-05-23	11:00:00"	13.196	33.547	68.395	69.461	450.37	26.515	0
"2014-05-23	12:00:00"	11.537	41.475	71.774	62.078	731.99	26.512	0
"2014-05-23	13:00:00"	8.9844	58.906	74.748	54.353	816.9	26.497	0
"2014-05-23	14:00:00"	9.6207	66.309	76.392	50.349	651.16	26.471	0
"2014-05-23	15:00:00"	8.7377	85.347	78.878	44.577	867.84	26.453	0
"2014-05-23	16:00:00"	8.0387	80.943	80.83	40.05	837.82	26.432	0
"2014-05-23	17:00:00"	9.8562	55.086	79.649	42.448	142.3	26.412	0
"2014-05-23	18:00:00"	13.049	53.877	78.945	44.646	244.54	26.391	0
"2014-05-23	19:00:00"	10.535	70.267	74.179	63.982	134.68	26.406	0.04
"2014-05-23	20:00:00"	12.649	67.075	73.725	59.122	73.11	26.403	0
"2014-05-23	21:00:00"	14.331	74.429	72.601	58.161	2.1327	26.42	0
"2014-05-23	22:00:00"	14.979	76.683	68.484	71.698	0.05003	26.462	0.57
"2014-05-23	23:00:00"	14.858	89.814	64.029	86.116	0.08076	26.45	0.02
"2014-05-24	00:00:00"	12.507	81.124	64.613	83.869	0.08055	26.447	0
"2014-05-24	01:00:00"	13.06	96.069	64.341	83.516	0.0575	26.429	0
"2014-05-24	02:00:00"	13.215	108.87	63.845	84.62	0.06359	26.415	0
"2014-05-24	03:00:00"	9.5716	113.36	63.042	86.519	0.06508	26.394	0
"2014-05-24	04:00:00"	8.514	113.24	62.428	88.008	0.06635	26.397	0
"2014-05-24	05:00:00"	8.6613	94.584	62.487	88.637	0.05236	26.4	0
"2014-05-24	06:00:00"	6.9575	107.22	63.941	87.488	0.06656	26.418	0
"2014-05-24	07:00:00"	6.5486	107.76	65.226	86.169	0.26307	26.415	0
"2014-05-24	08:00:00"	8.9645	131.23	66.871	83.899	2.5287	26.426	0.01
"2014-05-24	09:00:00"	7.6851	108.7	65.351	83.691	10.656	26.462	0
"2014-05-24	10:00:00"	18.015	16.546	57.289	86.239	24.22	26.483	0.01
"2014-05-24	11:00:00"	18.836	38.787	57.673	88.771	209.81	26.485	0.02
"2014-05-24	12:00:00"	17.026	40.899	59.496	86.766	263.12	26.465	0.1
"2014-05-24	13:00:00"	17.183	46.641	63.978	80.463	821.5	26.462	0
"2014-05-24	14:00:00"	15.907	55.266	67.524	70.039	873.35	26.435	0
"2014-05-24	15:00:00"	17.484	69.892	69.811	63.906	943.44	26.426	0
"2014-05-24	16:00:00"	16.376	68.214	69.976	64.181	844.1	26.418	0
"2014-05-24	17:00:00"	13.632	70.285	70.63	64.137	461.02	26.397	0
"2014-05-24	18:00:00"	13.299	68.167	70.896	63.741	540.49	26.379	0
"2014-05-24	19:00:00"	12.435	72.822	70.319	65.731	281.88	26.367	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-24	20:00:00"	11.337	75.699	68.689	72.404	78.586	26.361	0
"2014-05-24	21:00:00"	11.971	81.651	67.974	76.672	33.821	26.358	0
"2014-05-24	22:00:00"	11.048	87.615	66.484	80.129	0.0655	26.335	0
"2014-05-24	23:00:00"	11.978	89.329	65.374	85.357	0.03985	26.37	0
"2014-05-25	00:00:00"	8.6377	85.266	64.47	88.728	0.05469	26.385	0
"2014-05-25	01:00:00"	6.525	359.71	63.407	86.191	0.06741	26.406	0
"2014-05-25	02:00:00"	9.1596	3.4463	60.358	80.558	0.07313	26.403	0
"2014-05-25	03:00:00"	6.6456	23.138	60.525	80.571	0.04727	26.382	0
"2014-05-25	04:00:00"	6.7263	38.536	60.954	81.232	0.0814	26.379	0
"2014-05-25	05:00:00"	7.1849	56.612	59.828	83.952	0.06677	26.394	0
"2014-05-25	06:00:00"	8.3034	73.672	61.534	85.61	0.05935	26.397	0
"2014-05-25	07:00:00"	7.9343	76.489	62.04	88.065	0.12888	26.415	0
"2014-05-25	08:00:00"	8.4426	72.44	61.983	88.871	8.0565	26.423	0
"2014-05-25	09:00:00"	13.19	77.631	60.904	87.039	29.444	26.453	0.01
"2014-05-25	10:00:00"	12.619	78.304	60.329	88.158	114.34	26.465	0
"2014-05-25	11:00:00"	13.007	97.296	61.196	85.776	197.55	26.459	0
"2014-05-25	12:00:00"	13.163	126.8	63.502	77.65	353.36	26.465	0
"2014-05-25	13:00:00"	14.562	125.26	66.875	64.362	676.96	26.471	0
"2014-05-25	14:00:00"	14.356	116.2	70.56	54.867	929.63	26.45	0
"2014-05-25	15:00:00"	10.987	137.83	73.449	48.827	1022.8	26.426	0
"2014-05-25	16:00:00"	10.657	141.96	75.753	44.397	927.03	26.409	0
"2014-05-25	17:00:00"	9.9699	138.9	77.462	39.384	806.64	26.394	0
"2014-05-25	18:00:00"	7.6416	132.7	78.038	32.394	487.02	26.382	0
"2014-05-25	19:00:00"	9.5735	135.23	76.994	37.315	239.07	26.376	0
"2014-05-25	20:00:00"	13.545	136.48	75.003	47.027	197.5	26.379	0
"2014-05-25	21:00:00"	11.518	134.69	70.655	58.326	7.7254	26.403	0
"2014-05-25	22:00:00"	9.9413	141.52	68.628	65.791	0.07716	26.426	0
"2014-05-25	23:00:00"	6.0329	133.14	66.402	71.447	0.0513	26.45	0
"2014-05-26	00:00:00"	7.3987	128.7	64.817	73.469	0.08076	26.447	0
"2014-05-26	01:00:00"	8.2089	124.89	64.599	72.147	0.05999	26.456	0
"2014-05-26	02:00:00"	8.3195	134.28	64.512	76.229	0.06381	26.453	0
"2014-05-26	03:00:00"	7.2452	126.06	64.4	78.096	0.06126	26.456	0
"2014-05-26	04:00:00"	7.4776	114.16	63.895	78.404	0.06911	26.435	0
"2014-05-26	05:00:00"	7.9635	114.97	63.24	79.216	0.06126	26.418	0
"2014-05-26	06:00:00"	7.3887	129.3	63.137	82.204	0.05851	26.438	0
"2014-05-26	07:00:00"	3.4716	329.82	63.153	84.156	0.10111	26.459	0
"2014-05-26	08:00:00"	6.9699	42.208	61.223	90.279	14.147	26.474	0.02
"2014-05-26	09:00:00"	8.5209	49.681	60.875	91.044	51.177	26.474	0
"2014-05-26	10:00:00"	10.019	55.43	60.533	91.23	274.43	26.468	0
"2014-05-26	11:00:00"	9.6114	76.292	62.912	87.268	533.46	26.471	0
"2014-05-26	12:00:00"	7.6783	85.005	66.981	76.888	842.71	26.471	0
"2014-05-26	13:00:00"	7.3782	92.829	71.236	62.804	926.44	26.453	0
"2014-05-26	14:00:00"	5.3923	147.23	76.031	45.038	815.43	26.429	0
"2014-05-26	15:00:00"	12.207	246.83	80.247	30.072	792.79	26.415	0
"2014-05-26	16:00:00"	11.98	243.46	79.793	28.096	492.49	26.4	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-26	17:00:00"	10.857	273.03	80.136	28.361	522.8	26.388	0
"2014-05-26	18:00:00"	7.8206	289.69	77.605	33.257	257.02	26.394	0
"2014-05-26	19:00:00"	9.3815	311.22	78.492	31.709	307.6	26.4	0
"2014-05-26	20:00:00"	8.4923	314.38	77.824	32.502	216.9	26.412	0
"2014-05-26	21:00:00"	4.8566	326.45	75.17	36.354	43.773	26.432	0
"2014-05-26	22:00:00"	6.0012	13.007	69.016	47.874	0.14415	26.456	0
"2014-05-26	23:00:00"	8.1611	49.471	63.253	63.579	0.06508	26.474	0
"2014-05-27	00:00:00"	5.6582	45.62	60.308	76.736	0.06847	26.48	0
"2014-05-27	01:00:00"	4.3726	58.889	59.527	86.735	0.07017	26.462	0
"2014-05-27	02:00:00"	3.2852	69.728	59.181	90.278	0.06826	26.456	0
"2014-05-27	03:00:00"	1.6504	283.91	58.322	91.374	0.06423	26.45	0
"2014-05-27	04:00:00"	2.9248	329.54	56.663	90.92	0.06317	26.444	0
"2014-05-27	05:00:00"	3.7692	294.07	56.704	90.901	0.07737	26.447	0
"2014-05-27	06:00:00"	4.2365	322.49	56.482	90.739	0.06677	26.444	0
"2014-05-27	07:00:00"	2.8353	285.95	56.766	89.829	3.8209	26.456	0
"2014-05-27	08:00:00"	2.8086	252.64	54.721	89.098	115.96	26.465	0
"2014-05-27	09:00:00"	5.1288	267.28	61.638	73.809	290.52	26.471	0.01
"2014-05-27	10:00:00"	6.1478	281.76	69.55	49.794	512.79	26.48	0
"2014-05-27	11:00:00"	9.6437	306.58	76.404	33.459	707.7	26.477	0
"2014-05-27	12:00:00"	11.172	332.58	80.2	28.45	879.03	26.477	0
"2014-05-27	13:00:00"	11.495	324.99	82.822	25.198	993.83	26.477	0
"2014-05-27	14:00:00"	12.165	331.96	84.511	23.152	1021.6	26.462	0
"2014-05-27	15:00:00"	12.665	342.33	85.964	22.09	1019.1	26.447	0
"2014-05-27	16:00:00"	12.49	340.43	86.839	21.26	952.78	26.432	0
"2014-05-27	17:00:00"	13.622	347.25	87.253	20.699	814.67	26.429	0
"2014-05-27	18:00:00"	12.424	349.35	87.285	20.457	643.15	26.423	0
"2014-05-27	19:00:00"	12.005	0.01488	86.823	21.589	432.75	26.418	0
"2014-05-27	20:00:00"	11.428	0.63147	85.646	22.643	220.1	26.429	0
"2014-05-27	21:00:00"	9.187	16.792	82.517	24.922	50.304	26.447	0
"2014-05-27	22:00:00"	6.1795	30.186	76.222	32.661	0.11341	26.462	0
"2014-05-27	23:00:00"	5.8017	45.203	70.502	43.032	0.05575	26.483	0
"2014-05-28	00:00:00"	7.0215	61.659	68.941	51.781	0.05427	26.494	0
"2014-05-28	01:00:00"	6.4529	60.57	66.032	62.202	0.06593	26.494	0
"2014-05-28	02:00:00"	5.7303	50.797	63.884	69.749	0.03752	26.494	0
"2014-05-28	03:00:00"	4.4254	34.987	62.095	74.487	0.05617	26.497	0
"2014-05-28	04:00:00"	4.6566	11.441	60.587	78.276	0.09412	26.497	0
"2014-05-28	05:00:00"	4.3303	9.3898	59.354	81.815	0.06614	26.5	0
"2014-05-28	06:00:00"	5.7234	21.911	58.506	83.953	0.06084	26.5	0
"2014-05-28	07:00:00"	3.6133	12.01	58.015	85.112	3.74	26.515	0
"2014-05-28	08:00:00"	3.0975	6.8735	59.022	83.426	101.56	26.533	0
"2014-05-28	09:00:00"	3.1212	1.4673	65.232	71.044	296.86	26.547	0
"2014-05-28	10:00:00"	2.5911	27.557	70.15	57.568	518.12	26.553	0
"2014-05-28	11:00:00"	4.9194	47.757	74.555	43.704	721.15	26.553	0
"2014-05-28	12:00:00"	5.1487	47.965	77.728	36.375	882.9	26.547	0
"2014-05-28	13:00:00"	6.1783	32.721	80.679	31.35	994.75	26.533	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-28	14:00:00"	10.352	33.373	83.183	26.37	1047.8	26.518	0
"2014-05-28	15:00:00"	9.3908	20.819	84.85	24.358	1002.4	26.497	0
"2014-05-28	16:00:00"	11.421	27.957	86.405	22.517	951.5	26.48	0
"2014-05-28	17:00:00"	10.368	19.849	87.02	20.899	822.97	26.459	0
"2014-05-28	18:00:00"	11.896	45.464	87.132	19.612	646.53	26.444	0
"2014-05-28	19:00:00"	11.961	48.6	86.105	21.282	430.84	26.438	0
"2014-05-28	20:00:00"	9.9407	46.1	84.862	22.483	219.95	26.447	0
"2014-05-28	21:00:00"	9.0515	63.923	81.434	27.919	47.95	26.465	0
"2014-05-28	22:00:00"	6.9475	69.106	76.228	34.717	0.10641	26.477	0
"2014-05-28	23:00:00"	5.7676	71.771	71.979	40.601	0.06889	26.491	0
"2014-05-29	00:00:00"	6.1099	78.184	70.676	42.477	0.05851	26.485	0
"2014-05-29	01:00:00"	6.0633	80.128	69.37	44.5	0.0549	26.485	0
"2014-05-29	02:00:00"	6.141	87.992	67.822	49.535	0.07101	26.48	0
"2014-05-29	03:00:00"	6.1391	97.395	66.824	55.003	0.05808	26.471	0
"2014-05-29	04:00:00"	5.2556	85.732	64.932	60.509	0.07186	26.468	0
"2014-05-29	05:00:00"	3.4822	61.89	64.16	64.178	0.09581	26.474	0
"2014-05-29	06:00:00"	3.6269	11.761	63.091	66.356	0.05257	26.477	0
"2014-05-29	07:00:00"	2.6781	11.272	60.158	72.314	3.4152	26.488	0
"2014-05-29	08:00:00"	4.3502	26.86	62.074	70.276	97.623	26.494	0
"2014-05-29	09:00:00"	4.1035	78.947	69.55	56.896	293.55	26.497	0
"2014-05-29	10:00:00"	5.345	109.23	74.569	46.306	507.25	26.506	0
"2014-05-29	11:00:00"	6.4281	90.923	78.28	37.878	715.28	26.503	0
"2014-05-29	12:00:00"	7.7609	81.402	80.297	32.823	877.04	26.497	0
"2014-05-29	13:00:00"	9.2733	76.4	82.049	29.438	993.34	26.485	0
"2014-05-29	14:00:00"	7.6565	76.542	83.718	27.604	1043.8	26.465	0
"2014-05-29	15:00:00"	9.6561	58.583	85.229	25.6	1008.1	26.45	0
"2014-05-29	16:00:00"	8.811	71.353	86.013	23.977	943.61	26.435	0
"2014-05-29	17:00:00"	8.4916	58.915	85.506	23.626	508.77	26.426	0
"2014-05-29	18:00:00"	9.2715	56.945	86.437	22.98	634.39	26.418	0
"2014-05-29	19:00:00"	8.1785	74.447	85.836	22.938	384.51	26.409	0
"2014-05-29	20:00:00"	8.1971	70.624	84.622	24.037	191.3	26.42	0
"2014-05-29	21:00:00"	5.9061	66.094	81.805	28.076	33.715	26.429	0
"2014-05-29	22:00:00"	5.7191	74.437	76.875	35.487	0.08628	26.438	0
"2014-05-29	23:00:00"	4.9368	102.47	74.828	39.568	0.05639	26.453	0
"2014-05-30	00:00:00"	6.1764	111.04	73.858	42.122	0.06444	26.456	0
"2014-05-30	01:00:00"	6.5896	108.11	72.159	46.105	0.04706	26.453	0
"2014-05-30	02:00:00"	5.9471	110.28	71.575	50.061	0.0778	26.45	0
"2014-05-30	03:00:00"	4.6826	118.28	68.536	54.361	0.0549	26.441	0
"2014-05-30	04:00:00"	4.4969	112.3	68.147	56.049	0.06571	26.441	0
"2014-05-30	05:00:00"	4.0588	126.31	66.839	59.586	0.07123	26.438	0
"2014-05-30	06:00:00"	3.6487	141.19	66.244	61.463	0.06211	26.45	0
"2014-05-30	07:00:00"	1.6777	45.063	65.382	63.501	6.0688	26.468	0
"2014-05-30	08:00:00"	1.8331	354.42	66.477	62.19	67.568	26.477	0
"2014-05-30	09:00:00"	2.9242	236.26	70.605	55.192	223.86	26.488	0
"2014-05-30	10:00:00"	7.6578	176.12	75.294	46.861	486.49	26.494	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-05-30"	11:00:00"	6.6387	159.87	79.075	39.271	701.16	26.491	0
"2014-05-30"	12:00:00"	5.9465	125.52	81.517	31.833	872.39	26.488	0
"2014-05-30"	13:00:00"	5.5892	112	83.946	27.736	980.15	26.483	0
"2014-05-30"	14:00:00"	6.0161	85.792	85.565	26.97	1052.6	26.465	0
"2014-05-30"	15:00:00"	6.3678	74.926	87.123	24.024	707.08	26.45	0
"2014-05-30"	16:00:00"	7.0538	116.82	88.109	22.907	855.71	26.429	0
"2014-05-30"	17:00:00"	7.1545	84.048	88.111	22.797	555.93	26.418	0
"2014-05-30"	18:00:00"	8.2468	55.64	88.793	22.199	595.4	26.403	0
"2014-05-30"	19:00:00"	7.111	86.146	88.686	22.461	441.24	26.4	0
"2014-05-30"	20:00:00"	5.4991	84.431	86.828	24.136	78.576	26.409	0
"2014-05-30"	21:00:00"	5.6396	121.31	84.056	27.729	6.8567	26.438	0
"2014-05-30"	22:00:00"	10.605	245.74	76.29	45.97	0.04346	26.397	0
"2014-05-30"	23:00:00"	4.2558	106.05	75.654	46.099	0.05533	26.441	0
"2014-05-31"	00:00:00"	3.732	81.274	73.947	47.943	0.05193	26.45	0
"2014-05-31"	01:00:00"	5.3463	54.577	70.28	57.126	0.06911	26.444	0
"2014-05-31"	02:00:00"	5.2611	50.521	68.692	59.388	0.06699	26.438	0
"2014-05-31"	03:00:00"	5.0934	72.866	69.059	53.502	0.05639	26.441	0
"2014-05-31"	04:00:00"	4.6951	72.567	67.839	54.31	0.05829	26.441	0
"2014-05-31"	05:00:00"	5.5147	85.789	67.408	54.759	0.05427	26.441	0
"2014-05-31"	06:00:00"	5.9745	63.291	65.304	60.108	0.07483	26.456	0
"2014-05-31"	07:00:00"	6.7506	51.833	62.188	67.604	3.2386	26.462	0
"2014-05-31"	08:00:00"	6.4536	65.917	63.882	67.619	106.53	26.474	0
"2014-05-31"	09:00:00"	8.373	110.94	71.664	54.162	303.72	26.488	0
"2014-05-31"	10:00:00"	8.8589	132.88	77.077	42.105	508.85	26.485	0
"2014-05-31"	11:00:00"	9.2876	140.42	81.471	34.012	711.11	26.488	0
"2014-05-31"	12:00:00"	8.1654	169.68	84.772	29.167	871	26.488	0
"2014-05-31"	13:00:00"	8.4767	152.11	87.099	26.097	982.11	26.471	0
"2014-05-31"	14:00:00"	6.9059	197.29	89.575	23.707	1030.3	26.456	0
"2014-05-31"	15:00:00"	6.3038	179.91	90.82	22.205	887.71	26.438	0
"2014-05-31"	16:00:00"	7.4117	195.58	92.752	20.571	959.64	26.415	0
"2014-05-31"	17:00:00"	5.9944	184.08	93.665	18.776	799.66	26.394	0
"2014-05-31"	18:00:00"	6.2852	144.18	94.262	18.254	665.5	26.376	0
"2014-05-31"	19:00:00"	6.2466	142.41	94.491	18.034	452.25	26.367	0
"2014-05-31"	20:00:00"	8.7657	123.03	93.275	19.471	225.9	26.361	0
"2014-05-31"	21:00:00"	13.472	117.4	89.238	25.206	47.598	26.37	0
"2014-05-31"	22:00:00"	12.951	117.26	85.202	31.793	0.18273	26.385	0
"2014-05-31"	23:00:00"	13.359	114.86	82.328	37.681	0.0566	26.406	0
"2014-06-01"	00:00:00"	12.087	114.17	80.153	41.539	0.06911	26.409	0
"2014-06-01"	01:00:00"	9.8232	119.12	77.931	46.459	0.06253	26.412	0
"2014-06-01"	02:00:00"	9.2274	124.17	76.14	50.917	0.05342	26.409	0
"2014-06-01"	03:00:00"	9.2951	129.5	74.875	52.883	0.05575	26.403	0
"2014-06-01"	04:00:00"	8.0573	130.07	73.08	55.142	0.07631	26.397	0
"2014-06-01"	05:00:00"	7.6627	124.25	71.459	58.201	0.0655	26.388	0
"2014-06-01"	06:00:00"	6.694	124.84	69.728	61.617	0.05617	26.388	0
"2014-06-01"	07:00:00"	6.9333	128.01	68.758	64.065	3.2872	26.394	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-01	08:00:00"	5.9372	132.77	69.223	64.651	95.744	26.403	0
"2014-06-01	09:00:00"	12.001	155.8	74.058	59.417	286.96	26.412	0
"2014-06-01	10:00:00"	14.671	160.49	78.49	50.114	505.58	26.412	0
"2014-06-01	11:00:00"	13.587	168.1	82.568	42.199	699.25	26.406	0
"2014-06-01	12:00:00"	13.786	171.81	87.656	33.356	872.94	26.394	0
"2014-06-01	13:00:00"	12.739	187.65	91.598	25.122	985.11	26.391	0
"2014-06-01	14:00:00"	11.223	199.5	93.89	22.009	1033.3	26.367	0
"2014-06-01	15:00:00"	10.675	176.49	95.958	19.532	1019.5	26.344	0
"2014-06-01	16:00:00"	9.9612	190.76	98.102	17.665	945.89	26.323	0
"2014-06-01	17:00:00"	11.65	172.65	99.229	16.9	820.45	26.291	0
"2014-06-01	18:00:00"	10.156	184.57	100.63	14.363	676.07	26.27	0
"2014-06-01	19:00:00"	13.726	170.81	99.128	16.172	332.06	26.264	0
"2014-06-01	20:00:00"	17.53	149.28	95.308	20.716	128.16	26.27	0
"2014-06-01	21:00:00"	15.771	152.03	92.247	23.937	37.234	26.282	0
"2014-06-01	22:00:00"	14.085	154.67	88.314	29.322	0.1787	26.296	0
"2014-06-01	23:00:00"	15.13	158.74	85.356	34.124	0.05766	26.314	0
"2014-06-02	00:00:00"	15.408	160.1	82.867	37.556	0.05957	26.314	0
"2014-06-02	01:00:00"	12.927	168.26	80.4	41.951	0.04685	26.311	0
"2014-06-02	02:00:00"	12.23	169.73	78.231	45.94	0.04727	26.305	0
"2014-06-02	03:00:00"	11.064	169.4	76.244	50.5	0.07801	26.305	0
"2014-06-02	04:00:00"	8.547	171.02	74.338	54.896	0.07165	26.308	0
"2014-06-02	05:00:00"	7.6485	174.87	72.304	60.591	0.06169	26.314	0
"2014-06-02	06:00:00"	6.0273	194.05	70.133	66.239	0.06147	26.308	0
"2014-06-02	07:00:00"	4.9026	205.38	67.736	71.677	3.7957	26.329	0
"2014-06-02	08:00:00"	4.2881	220.56	67.57	73.13	103.51	26.353	0
"2014-06-02	09:00:00"	9.0931	203.31	72.259	64.148	303.65	26.373	0
"2014-06-02	10:00:00"	8.24	211.83	76.703	53.987	529.21	26.382	0
"2014-06-02	11:00:00"	6.2901	254.28	82.044	40.128	733.31	26.394	0
"2014-06-02	12:00:00"	5.3705	285.5	88.094	27.366	899.91	26.391	0
"2014-06-02	13:00:00"	9.3355	338.24	93.086	20.963	1000.1	26.397	0
"2014-06-02	14:00:00"	11.434	2.0708	94.525	22.083	1029.7	26.385	0
"2014-06-02	15:00:00"	11.479	5.4371	96.589	20.586	1043.2	26.37	0
"2014-06-02	16:00:00"	8.1909	30.138	98.294	16.364	968.11	26.358	0
"2014-06-02	17:00:00"	6.8525	44.474	99.449	13.035	833.29	26.353	0
"2014-06-02	18:00:00"	6.4529	358.23	100.26	12.561	629.43	26.344	0
"2014-06-02	19:00:00"	7.6292	55.948	99.18	15.154	444.7	26.344	0
"2014-06-02	20:00:00"	7.2738	28.328	98.241	15.545	228.44	26.358	0
"2014-06-02	21:00:00"	9.0496	60.878	94.543	21.998	49.537	26.376	0
"2014-06-02	22:00:00"	10.261	68.001	89.477	31.958	0.10959	26.388	0
"2014-06-02	23:00:00"	12.334	111.51	87.087	37.874	0.06571	26.42	0
"2014-06-03	00:00:00"	12.895	126.52	83.967	40.867	0.08076	26.435	0
"2014-06-03	01:00:00"	12.67	130.09	80.86	44.8	0.06465	26.429	0
"2014-06-03	02:00:00"	11.124	126.34	78.1	47.513	0.04982	26.429	0
"2014-06-03	03:00:00"	9.3802	130.1	75.626	51.578	0.05787	26.432	0
"2014-06-03	04:00:00"	6.7798	128.9	73.281	56.328	0.05384	26.429	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-03	05:00:00"	5.4196	123.32	70.997	61.295	0.05088	26.432	0
"2014-06-03	06:00:00"	5.368	111.96	69.043	65.831	0.08013	26.438	0
"2014-06-03	07:00:00"	6.1833	102.09	67.806	68.991	4.7149	26.444	0
"2014-06-03	08:00:00"	7.8554	104.73	68.296	69.996	107.08	26.453	0
"2014-06-03	09:00:00"	11.092	137.69	71.722	67.351	285.31	26.468	0
"2014-06-03	10:00:00"	10.505	146.91	75.585	60.423	530.56	26.474	0
"2014-06-03	11:00:00"	10.015	145.29	79.887	52.217	721.28	26.468	0
"2014-06-03	12:00:00"	10.496	128.59	84.323	43.691	896.75	26.468	0
"2014-06-03	13:00:00"	11.568	138.03	87.664	36.708	1006.3	26.45	0
"2014-06-03	14:00:00"	10.758	130.78	90.485	31.658	1056.2	26.429	0
"2014-06-03	15:00:00"	10.238	149.16	93.267	26.063	1042.8	26.409	0
"2014-06-03	16:00:00"	11.492	152.09	94.912	23.216	963.86	26.391	0
"2014-06-03	17:00:00"	11.817	146.9	96.375	20.389	832.7	26.373	0
"2014-06-03	18:00:00"	12.749	151.75	96.333	20.346	650.52	26.361	0
"2014-06-03	19:00:00"	12.206	152.61	95.424	22.096	435.75	26.358	0
"2014-06-03	20:00:00"	13.18	150.49	93.229	24.484	230.84	26.358	0
"2014-06-03	21:00:00"	15.403	134.85	88.693	32.509	38.55	26.353	0
"2014-06-03	22:00:00"	14.555	138.4	84.103	39.709	0.14033	26.361	0
"2014-06-03	23:00:00"	13.695	150.38	80.87	43.671	0.06699	26.379	0
"2014-06-04	00:00:00"	15.15	160.22	78.053	47.976	0.04642	26.373	0
"2014-06-04	01:00:00"	13.663	162.67	75.972	52.94	0.05236	26.364	0
"2014-06-04	02:00:00"	13.958	167.53	74.546	57.769	0.05999	26.361	0
"2014-06-04	03:00:00"	12.879	172.81	73.355	60.667	0.05596	26.35	0
"2014-06-04	04:00:00"	10.451	170.71	72.146	62.608	0.06169	26.338	0
"2014-06-04	05:00:00"	10.353	168.33	70.966	65.003	0.0566	26.326	0
"2014-06-04	06:00:00"	7.8212	175.61	69.782	67.137	0.06911	26.338	0
"2014-06-04	07:00:00"	3.1678	206.3	67.566	71.451	1.9118	26.347	0
"2014-06-04	08:00:00"	4.6833	188.1	67.634	71.664	102.26	26.344	0
"2014-06-04	09:00:00"	10.98	179.18	72.583	62.054	298.61	26.356	0
"2014-06-04	10:00:00"	9.2441	185.02	77.52	52.441	518.28	26.364	0
"2014-06-04	11:00:00"	8.2077	197.07	83.166	41.874	723.79	26.358	0
"2014-06-04	12:00:00"	8.0499	208.09	89.012	32.58	892.5	26.35	0
"2014-06-04	13:00:00"	8.1716	210.44	93.89	25.527	1003.1	26.341	0
"2014-06-04	14:00:00"	7.8224	212.88	97.277	20.807	1052.4	26.323	0
"2014-06-04	15:00:00"	6.0677	213.24	99.854	16.696	1043	26.305	0
"2014-06-04	16:00:00"	6.0956	206.94	102.15	13.969	940.99	26.285	0
"2014-06-04	17:00:00"	8.1542	167.85	103.23	13.593	833.14	26.264	0
"2014-06-04	18:00:00"	9.9488	171.25	103.4	13.282	654.75	26.246	0
"2014-06-04	19:00:00"	12.766	165.54	102.13	14.779	447.42	26.246	0
"2014-06-04	20:00:00"	15.229	166.98	99.69	16.621	234.95	26.255	0
"2014-06-04	21:00:00"	16.654	152.61	94.758	19.495	55.835	26.264	0
"2014-06-04	22:00:00"	14.868	152.56	89.685	24.203	0.16238	26.279	0
"2014-06-04	23:00:00"	12.362	148.33	85.575	28.645	0.05405	26.296	0
"2014-06-05	00:00:00"	12.039	166.08	82.359	34.278	0.05575	26.308	0
"2014-06-05	01:00:00"	13.837	165.93	79.826	40.878	0.04409	26.302	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-05	02:00:00"	12.84	174.73	77.333	47.57	0.06359	26.305	0
"2014-06-05	03:00:00"	11.134	175.64	75.559	51.599	0.05978	26.296	0
"2014-06-05	04:00:00"	9.9332	176.14	73.83	54.224	0.05999	26.291	0
"2014-06-05	05:00:00"	7.5055	180.97	71.944	57.693	0.05787	26.285	0
"2014-06-05	06:00:00"	4.7964	204.83	69.385	62.574	0.0761	26.279	0
"2014-06-05	07:00:00"	6.6835	174.52	68.362	65.819	4.3793	26.282	0
"2014-06-05	08:00:00"	6.5561	194.73	68.687	66.253	104.61	26.288	0
"2014-06-05	09:00:00"	10.29	183.82	74.138	56.234	301.21	26.305	0
"2014-06-05	10:00:00"	9.0882	188.26	78.536	47.711	521.23	26.314	0
"2014-06-05	11:00:00"	7.101	195.27	83.244	39.195	726.27	26.308	0
"2014-06-05	12:00:00"	4.5807	236.66	88.672	29.854	890.09	26.314	0
"2014-06-05	13:00:00"	4.0892	15.96	93.273	23.226	999.97	26.302	0
"2014-06-05	14:00:00"	8.0032	40.469	97.373	17.763	1049.9	26.291	0
"2014-06-05	15:00:00"	7.3291	64.415	100.15	14.964	1035.4	26.27	0
"2014-06-05	16:00:00"	7.7243	69.103	101.63	13.993	958.81	26.261	0
"2014-06-05	17:00:00"	6.8786	71.698	102.3	13.821	824.41	26.234	0
"2014-06-05	18:00:00"	6.7344	133.09	103.48	12.075	624.18	26.22	0
"2014-06-05	19:00:00"	9.5225	143.31	101.64	13.202	215.2	26.217	0
"2014-06-05	20:00:00"	17.689	146.75	97.726	17.654	81.234	26.217	0
"2014-06-05	21:00:00"	16.607	143.46	93.254	24.057	33.064	26.261	0
"2014-06-05	22:00:00"	14.356	135.79	88.642	31.907	1.5299	26.273	0
"2014-06-05	23:00:00"	13.87	145.18	84.865	38.82	0.04409	26.302	0
"2014-06-06	00:00:00"	13.815	148.2	81.985	43.651	0.07843	26.305	0
"2014-06-06	01:00:00"	15.027	153	79.59	50.658	0.06147	26.302	0
"2014-06-06	02:00:00"	11.799	154.1	77.052	57.331	0.05448	26.296	0
"2014-06-06	03:00:00"	9.8817	159.35	75.191	61.53	0.0371	26.282	0
"2014-06-06	04:00:00"	8.7694	181.01	73.69	64.795	0.07186	26.282	0
"2014-06-06	05:00:00"	7.2775	166.69	72.119	67.972	0.05787	26.285	0
"2014-06-06	06:00:00"	7.764	153.35	71.287	69.595	0.04134	26.285	0
"2014-06-06	07:00:00"	6.0695	144.79	70.435	70.954	2.5881	26.302	0
"2014-06-06	08:00:00"	6.374	113.06	71.101	69.682	106.53	26.338	0
"2014-06-06	09:00:00"	10.059	82.044	74.08	64.159	302.14	26.35	0
"2014-06-06	10:00:00"	12.442	114.89	78.083	56.528	520.23	26.341	0
"2014-06-06	11:00:00"	12.13	124.53	82.102	49.244	721.9	26.332	0
"2014-06-06	12:00:00"	11.227	130.47	86.291	41.404	882.8	26.335	0
"2014-06-06	13:00:00"	11.63	122.32	89.857	34.836	992.51	26.329	0
"2014-06-06	14:00:00"	12.685	121.83	92.784	30.296	1040.9	26.308	0
"2014-06-06	15:00:00"	14.065	129.96	95.008	26.554	1027.8	26.285	0
"2014-06-06	16:00:00"	14.35	146.37	96.023	24.206	952.45	26.27	0
"2014-06-06	17:00:00"	15.834	140.25	96.478	24.134	820.04	26.252	0
"2014-06-06	18:00:00"	16.435	142.77	95.71	24.47	657.58	26.234	0
"2014-06-06	19:00:00"	19.743	143.6	92.112	28.195	202.74	26.249	0
"2014-06-06	20:00:00"	17.658	165.6	90.199	24.187	67.246	26.232	0
"2014-06-06	21:00:00"	20.658	150.96	86.351	35.204	39.773	26.234	0
"2014-06-06	22:00:00"	19.566	152.74	83.928	39.581	1.4815	26.261	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-06	23:00:00"	20.034	153.48	81.159	46.322	0.07165	26.273	0
"2014-06-07	00:00:00"	17.809	157.07	78.991	51.584	0.05554	26.288	0
"2014-06-07	01:00:00"	17.025	160.07	77.5	54.644	0.07186	26.279	0
"2014-06-07	02:00:00"	13.993	133.34	76.756	55.62	0.06041	26.282	0
"2014-06-07	03:00:00"	12.273	112.69	76.01	56.968	0.05999	26.302	0
"2014-06-07	04:00:00"	11.26	109.11	74.992	58.196	0.05639	26.311	0
"2014-06-07	05:00:00"	12.454	117.17	73.978	59.872	0.07292	26.305	0
"2014-06-07	06:00:00"	10.983	118.16	72.522	63.34	0.06932	26.302	0
"2014-06-07	07:00:00"	11.481	123.85	71.115	67.762	2.2561	26.299	0
"2014-06-07	08:00:00"	11.512	118.86	71.155	69.177	88.716	26.332	0
"2014-06-07	09:00:00"	15.329	124.35	73.086	64.503	277.96	26.364	0
"2014-06-07	10:00:00"	13.235	113.68	75.161	60.287	448.88	26.388	0
"2014-06-07	11:00:00"	13.881	119.47	77.186	55.878	620.7	26.373	0
"2014-06-07	12:00:00"	11.899	126.97	80.387	48.893	856.87	26.376	0
"2014-06-07	13:00:00"	9.4889	117.94	83.851	42.613	974.27	26.367	0
"2014-06-07	14:00:00"	7.5832	126.08	87.001	37.801	1028	26.353	0
"2014-06-07	15:00:00"	7.8492	143.99	89.481	34.115	1040.7	26.332	0
"2014-06-07	16:00:00"	6.8562	114.61	92.089	30.186	937.14	26.311	0
"2014-06-07	17:00:00"	8.9123	114.72	93.023	28.984	659.4	26.296	0
"2014-06-07	18:00:00"	8.752	113.75	92.998	29.32	436.15	26.276	0
"2014-06-07	19:00:00"	12.875	111.77	91.402	32.033	182.21	26.276	0
"2014-06-07	20:00:00"	16.437	123.22	87.896	37.857	100.6	26.273	0
"2014-06-07	21:00:00"	11.875	111.67	84.416	46.009	48.024	26.291	0
"2014-06-07	22:00:00"	10.028	121.41	81.919	48.265	0.361	26.32	0
"2014-06-07	23:00:00"	12.119	121.36	79.695	50.796	0.05257	26.317	0
"2014-06-08	00:00:00"	9.7711	129.3	78.223	52.816	0.06126	26.338	0
"2014-06-08	01:00:00"	10.94	140.03	77.769	53.338	0.06359	26.338	0
"2014-06-08	02:00:00"	7.9945	96.147	76.75	54.997	0.05342	26.376	0
"2014-06-08	03:00:00"	14.502	58.06	70.294	69.596	0.05193	26.385	0
"2014-06-08	04:00:00"	18.343	24.847	64.987	80.398	0.05469	26.385	0
"2014-06-08	05:00:00"	15.321	43.761	63.06	78.994	0.07334	26.361	0
"2014-06-08	06:00:00"	12.703	58.188	62.606	83.382	0.05469	26.376	0
"2014-06-08	07:00:00"	9.6642	65.299	62.686	81.546	0.49752	26.391	0
"2014-06-08	08:00:00"	8.158	50.377	63.316	79.515	33.557	26.418	0
"2014-06-08	09:00:00"	7.1439	58.884	64.409	75.348	37.131	26.45	0
"2014-06-08	10:00:00"	8.0138	81.417	64.89	75.115	60.779	26.42	0.01
"2014-06-08	11:00:00"	8.4755	103.59	66.89	72.45	333.84	26.432	0
"2014-06-08	12:00:00"	10.551	54.05	67.939	68.496	117.63	26.456	0
"2014-06-08	13:00:00"	8.2543	56.503	64.769	84.991	218.73	26.444	0.05
"2014-06-08	14:00:00"	9.6872	81.192	67.125	80.506	528.75	26.429	0
"2014-06-08	15:00:00"	11.142	50.087	68.444	76.176	448.34	26.4	0
"2014-06-08	16:00:00"	11.342	61.359	72.366	67.062	559.05	26.373	0
"2014-06-08	17:00:00"	10.666	74.814	75.296	61.316	392.52	26.353	0
"2014-06-08	18:00:00"	12.115	104.1	79.094	52.766	519.38	26.311	0
"2014-06-08	19:00:00"	12	122.89	81.374	49.169	332.99	26.294	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-08	20:00:00"	11.618	103.64	79.76	52.283	43.4	26.294	0
"2014-06-08	21:00:00"	10.071	72.97	77.632	58.73	1.2547	26.329	0
"2014-06-08	22:00:00"	12.453	97.114	76.077	65.457	0.05829	26.341	0
"2014-06-08	23:00:00"	11.006	146.98	74.085	66.184	0.05363	26.311	0
"2014-06-09	00:00:00"	10.053	164.1	72.068	68.389	0.06402	26.296	0
"2014-06-09	01:00:00"	14.249	172.5	71.485	72.453	0.07101	26.288	0
"2014-06-09	02:00:00"	11.855	182.42	69.972	77.856	0.06805	26.276	0
"2014-06-09	03:00:00"	11.625	203.28	68.873	81.65	0.05829	26.267	0
"2014-06-09	04:00:00"	10.652	206.86	68.193	83.466	0.08691	26.264	0
"2014-06-09	05:00:00"	11.461	108.13	67.873	83.449	0.0602	26.344	0
"2014-06-09	06:00:00"	18.585	33.535	61.083	74.2	0.06084	26.376	0
"2014-06-09	07:00:00"	15.947	40.043	60.16	74.006	1.6263	26.376	0
"2014-06-09	08:00:00"	15.332	28.445	60.39	74.517	35.982	26.403	0
"2014-06-09	09:00:00"	16.925	13.715	61.728	69.27	144.82	26.432	0
"2014-06-09	10:00:00"	19.868	11.369	63.556	60.179	363.49	26.447	0
"2014-06-09	11:00:00"	18.028	18.183	65.513	52.275	468.52	26.462	0
"2014-06-09	12:00:00"	15.548	10.211	69.206	46.141	867.97	26.471	0
"2014-06-09	13:00:00"	14.69	12.714	71.986	38.527	990.36	26.462	0
"2014-06-09	14:00:00"	13.912	12.472	74.446	33.311	1055.2	26.45	0
"2014-06-09	15:00:00"	10.48	13.714	76.349	29.57	1045.5	26.435	0
"2014-06-09	16:00:00"	9.5045	2.31	78.083	27.575	979.33	26.415	0
"2014-06-09	17:00:00"	10.226	353.57	80.041	24.008	849.89	26.409	0
"2014-06-09	18:00:00"	9.6145	347.43	80.554	23.249	674.18	26.406	0
"2014-06-09	19:00:00"	8.9856	343.35	80.486	22.857	464.98	26.4	0
"2014-06-09	20:00:00"	9.7928	10.356	79.463	22.606	248.01	26.388	0
"2014-06-09	21:00:00"	7.5347	36.384	76.893	23.856	64.529	26.406	0
"2014-06-09	22:00:00"	5.199	58.882	70.848	30.036	0.49391	26.423	0
"2014-06-09	23:00:00"	5.1052	63.174	65.846	36.891	0.06423	26.444	0
"2014-06-10	00:00:00"	5.0679	66.744	63.688	40.264	0.08098	26.459	0
"2014-06-10	01:00:00"	8.3829	43.947	62.78	43.732	0.06889	26.471	0
"2014-06-10	02:00:00"	9.3001	44.358	61.088	52.659	0.06211	26.468	0
"2014-06-10	03:00:00"	7.2738	43.059	58.487	61.025	0.06147	26.468	0
"2014-06-10	04:00:00"	6.4063	35.908	56.34	67.195	0.08225	26.468	0
"2014-06-10	05:00:00"	6.6934	31.786	55.574	70.752	0.07229	26.471	0
"2014-06-10	06:00:00"	6.5089	25.627	53.558	75.352	0.06868	26.474	0
"2014-06-10	07:00:00"	6.9562	21.772	53.074	76.647	4.3123	26.483	0
"2014-06-10	08:00:00"	5.844	12.985	55.69	70.642	102.93	26.503	0
"2014-06-10	09:00:00"	7.8373	22.292	61.667	55.773	302.18	26.515	0
"2014-06-10	10:00:00"	8.7042	48.76	66.736	44.061	524.64	26.518	0
"2014-06-10	11:00:00"	5.3836	74.65	70.963	35.16	729.65	26.518	0
"2014-06-10	12:00:00"	4.6454	154.29	75.307	27.144	896.88	26.509	0
"2014-06-10	13:00:00"	6.7176	190.66	78.432	26.066	1011.1	26.491	0
"2014-06-10	14:00:00"	7.6031	191.29	80.457	24.87	1063.7	26.474	0
"2014-06-10	15:00:00"	6.9513	204.05	82.843	22.464	1057.4	26.444	0
"2014-06-10	16:00:00"	6.6275	220.08	85.414	19.979	982.83	26.42	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-10	17:00:00"	6.0329	216.93	87.689	17.954	853.63	26.397	0
"2014-06-10	18:00:00"	5.6781	192.88	88.98	16.986	675.17	26.376	0
"2014-06-10	19:00:00"	4.9057	175.91	89.366	16.18	466.57	26.361	0
"2014-06-10	20:00:00"	5.9018	188.11	89.196	16.219	245.68	26.364	0
"2014-06-10	21:00:00"	4.203	149.68	86.443	17.791	60.403	26.364	0
"2014-06-10	22:00:00"	4.6889	109.64	80.575	21.293	0.33366	26.364	0
"2014-06-10	23:00:00"	5.8477	93.406	76.147	24.45	0.05469	26.37	0
"2014-06-11	00:00:00"	7.4645	132.81	76.053	26.568	0.07462	26.388	0
"2014-06-11	01:00:00"	5.2344	136.07	72.933	31.664	0.06995	26.379	0
"2014-06-11	02:00:00"	4.8094	131.08	70.533	36.443	0.05957	26.373	0
"2014-06-11	03:00:00"	5.1884	122.27	69.66	38.311	0.06105	26.361	0
"2014-06-11	04:00:00"	4.2545	121.93	68.836	38.736	0.05554	26.35	0
"2014-06-11	05:00:00"	4.372	95.122	67.119	41.268	0.07652	26.347	0
"2014-06-11	06:00:00"	4.4677	92.84	64.26	44.879	0.0602	26.344	0
"2014-06-11	07:00:00"	6.2305	117.31	65.069	47.504	3.7838	26.344	0
"2014-06-11	08:00:00"	5.7955	133.9	66.913	47.861	114.74	26.344	0
"2014-06-11	09:00:00"	9.653	169.08	74.318	39.197	305.36	26.358	0
"2014-06-11	10:00:00"	9.9109	183.86	78.767	34.194	407.04	26.353	0
"2014-06-11	11:00:00"	8.414	189.74	83.586	28.927	618.96	26.347	0
"2014-06-11	12:00:00"	8.5507	218.71	89.609	22.311	858.78	26.35	0
"2014-06-11	13:00:00"	9.0689	254.21	93.378	19.081	969.12	26.335	0
"2014-06-11	14:00:00"	6.1422	290.31	96.043	17.122	795.97	26.358	0.1
"2014-06-11	15:00:00"	7.8106	310.5	98.902	13.249	870.79	26.35	0
"2014-06-11	16:00:00"	6.5828	310.31	98.869	12.597	551.18	26.329	0
"2014-06-11	17:00:00"	6.4877	281.92	100.09	12.03	710.94	26.302	0
"2014-06-11	18:00:00"	4.6646	313.41	100.41	11.446	617.37	26.288	0
"2014-06-11	19:00:00"	8.5855	260.59	99.135	11.6	182.05	26.276	0
"2014-06-11	20:00:00"	8.1412	264.61	99.116	11.775	111.63	26.279	0
"2014-06-11	21:00:00"	1.9225	253.55	95.309	13.582	33.757	26.282	0
"2014-06-11	22:00:00"	2.8192	93.909	89.249	17.992	0.24378	26.299	0
"2014-06-11	23:00:00"	5.7508	128.7	86.686	21.281	0.06147	26.317	0
"2014-06-12	00:00:00"	6.9252	114.71	82.918	30.275	0.05851	26.332	0
"2014-06-12	01:00:00"	7.1899	118.53	80.192	37.963	0.09158	26.335	0
"2014-06-12	02:00:00"	6.6859	115.03	77.214	44.89	0.07313	26.35	0
"2014-06-12	03:00:00"	3.681	55.224	74.601	49.66	0.06571	26.35	0
"2014-06-12	04:00:00"	2.9975	56.707	71.724	53.209	0.04579	26.344	0
"2014-06-12	05:00:00"	2.6719	60.383	71.249	52.481	0.06889	26.361	0
"2014-06-12	06:00:00"	2.9714	26.705	70.414	52.141	0.06508	26.361	0
"2014-06-12	07:00:00"	3.3299	329.78	68.276	55.503	2.5963	26.391	0
"2014-06-12	08:00:00"	12.411	0.61824	69.707	58.006	95.019	26.42	0
"2014-06-12	09:00:00"	15.511	11.526	70.692	53.605	291.67	26.453	0
"2014-06-12	10:00:00"	16.499	13.428	73.197	51.586	497	26.48	0
"2014-06-12	11:00:00"	16.404	17.399	73.853	50.577	373.43	26.503	0
"2014-06-12	12:00:00"	14.735	27.664	77.594	46.074	716.17	26.465	0
"2014-06-12	13:00:00"	16.115	22.341	80.757	41.822	975.08	26.459	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-12	14:00:00"	15.705	28.187	83.322	39.235	1026.9	26.456	0
"2014-06-12	15:00:00"	15.433	32.564	85.373	36.626	1040.1	26.444	0
"2014-06-12	16:00:00"	12.139	40.533	87.012	34.912	948.18	26.441	0
"2014-06-12	17:00:00"	11.764	35.79	87.999	34.275	817.2	26.438	0
"2014-06-12	18:00:00"	13.557	35.221	87.723	36.643	612.47	26.426	0
"2014-06-12	19:00:00"	15.806	42.891	86.023	39.714	427.96	26.426	0
"2014-06-12	20:00:00"	14.776	44.419	83.798	42.063	219.32	26.441	0
"2014-06-12	21:00:00"	15.15	51.541	80.776	47.163	47.348	26.453	0
"2014-06-12	22:00:00"	13.748	55.798	77.494	52.789	0.42841	26.468	0
"2014-06-12	23:00:00"	13.703	66.368	75.017	59.039	0.06359	26.491	0
"2014-06-13	00:00:00"	15.009	73.266	72.414	65.632	0.05045	26.509	0
"2014-06-13	01:00:00"	13.192	75.448	69.971	70.084	0.0655	26.521	0
"2014-06-13	02:00:00"	12.519	76.1	68.338	73.458	0.05554	26.524	0
"2014-06-13	03:00:00"	11.64	73.273	66.997	77.082	0.06169	26.521	0
"2014-06-13	04:00:00"	10.194	79.3	66.913	77.85	0.07017	26.53	0
"2014-06-13	05:00:00"	7.948	89.28	67.648	76.188	0.03943	26.533	0
"2014-06-13	06:00:00"	8.3115	76.221	67.418	77.394	0.06105	26.53	0
"2014-06-13	07:00:00"	6.9345	70.421	66.456	80.881	2.2542	26.542	0
"2014-06-13	08:00:00"	10.336	81.183	67.612	80.66	81.241	26.55	0
"2014-06-13	09:00:00"	9.9829	94.644	68.312	79.485	59.139	26.562	0
"2014-06-13	10:00:00"	10.324	95.427	67.987	82.847	184.3	26.556	0
"2014-06-13	11:00:00"	9.9283	110.93	71.58	70.341	284.27	26.542	0
"2014-06-13	12:00:00"	8.4196	131.3	74.575	63.345	419.51	26.533	0
"2014-06-13	13:00:00"	5.7464	174.66	76.63	58.986	467.34	26.515	0
"2014-06-13	14:00:00"	7.2825	150.11	79.961	52.104	982.76	26.474	0
"2014-06-13	15:00:00"	8.8042	128.83	84.281	43.763	1012.9	26.441	0
"2014-06-13	16:00:00"	10.209	150.61	88.376	34.948	919.56	26.409	0
"2014-06-13	17:00:00"	9.776	155.85	89.49	32.761	492.98	26.385	0
"2014-06-13	18:00:00"	10.693	140.08	90.093	32.015	338.12	26.361	0
"2014-06-13	19:00:00"	12.467	141.73	90.109	31.262	212.13	26.356	0
"2014-06-13	20:00:00"	11.068	147.93	89.372	30.594	75.354	26.332	0
"2014-06-13	21:00:00"	11.044	166.92	87.849	31.416	3.8741	26.397	0.02
"2014-06-13	22:00:00"	15.091	142.28	77.637	45.56	0.06147	26.483	0.13
"2014-06-13	23:00:00"	12.987	319.07	68.639	70.899	0.06444	26.497	0.01
"2014-06-14	00:00:00"	6.2752	69.366	66.862	78.251	0.06911	26.447	0.01
"2014-06-14	01:00:00"	8.1934	142.52	66.155	80.79	0.07038	26.406	0
"2014-06-14	02:00:00"	7.6286	156.19	66.974	73.454	0.08119	26.418	0
"2014-06-14	03:00:00"	8.5948	159.78	67.065	71.953	0.06317	26.415	0
"2014-06-14	04:00:00"	4.2502	172.97	65.642	77.896	0.05999	26.409	0
"2014-06-14	05:00:00"	3.2094	184.01	64.294	83.785	0.05723	26.409	0
"2014-06-14	06:00:00"	8.0492	191.62	64.953	82.322	0.06593	26.379	0
"2014-06-14	07:00:00"	13.777	201.46	65.533	80.822	2.4944	26.364	0
"2014-06-14	08:00:00"	14.446	208.51	65.576	81.877	84.868	26.361	0
"2014-06-14	09:00:00"	13.143	208.79	68.742	76.782	283.17	26.367	0
"2014-06-14	10:00:00"	11.945	205.58	72.209	68.574	498.17	26.367	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-14	11:00:00"	12.804	217.04	76.312	57.998	664.07	26.356	0
"2014-06-14	12:00:00"	13.122	217.12	81.584	46.599	821.47	26.347	0
"2014-06-14	13:00:00"	13.824	223.3	87.722	32.213	919.65	26.329	0
"2014-06-14	14:00:00"	13.168	228.94	91.586	26.72	1024.9	26.308	0
"2014-06-14	15:00:00"	12.004	228.4	94.437	22.427	1014.7	26.279	0
"2014-06-14	16:00:00"	12.664	203.54	95.658	19.964	741.55	26.258	0
"2014-06-14	17:00:00"	8.6501	208.09	96.561	16.926	579.84	26.232	0
"2014-06-14	18:00:00"	11.58	235.07	98.789	14.766	687.88	26.217	0
"2014-06-14	19:00:00"	16.709	188.67	94.81	21.454	407.64	26.214	0
"2014-06-14	20:00:00"	17.073	186.71	91.029	26.359	199.53	26.202	0
"2014-06-14	21:00:00"	12.382	187.05	90.205	23.735	38.43	26.214	0
"2014-06-14	22:00:00"	12.141	177.76	86.603	22.284	0.44452	26.243	0
"2014-06-14	23:00:00"	13.56	178.67	83.526	26.186	0.07017	26.264	0
"2014-06-15	00:00:00"	8.0231	183.1	80.991	32.915	0.06847	26.296	0
"2014-06-15	01:00:00"	13.141	177.71	77.52	42.341	0.06126	26.296	0
"2014-06-15	02:00:00"	11.932	187.97	74.477	48.342	0.07229	26.299	0
"2014-06-15	03:00:00"	10.1	184.21	73.068	52.991	0.07907	26.291	0
"2014-06-15	04:00:00"	11.003	185.23	73.168	57.736	0.0744	26.288	0
"2014-06-15	05:00:00"	7.618	194.09	71.922	62.198	0.06402	26.285	0
"2014-06-15	06:00:00"	3.7096	218.14	69.163	68.298	0.07313	26.294	0
"2014-06-15	07:00:00"	4.5441	255.6	67.164	73.462	3.9973	26.314	0
"2014-06-15	08:00:00"	4.6851	254.43	67.625	74.452	102.01	26.335	0
"2014-06-15	09:00:00"	6.2758	247.37	71.905	66.109	295.74	26.353	0
"2014-06-15	10:00:00"	6.7357	266.74	77.756	51.186	511.8	26.367	0
"2014-06-15	11:00:00"	9.1317	329.6	82.917	32.198	716.57	26.37	0
"2014-06-15	12:00:00"	9.0335	348.94	86.445	23.916	885.8	26.382	0
"2014-06-15	13:00:00"	8.6302	4.8781	90.078	19.869	998.47	26.379	0
"2014-06-15	14:00:00"	6.6524	337	92.97	14.52	1047.1	26.373	0
"2014-06-15	15:00:00"	5.1679	253.65	95.272	11.891	1032.4	26.358	0
"2014-06-15	16:00:00"	7.9405	239.23	97.276	9.613	970.73	26.341	0
"2014-06-15	17:00:00"	8.0275	265.33	97.913	10.716	841.78	26.317	0
"2014-06-15	18:00:00"	5.7483	242.9	98.165	11.002	666.9	26.302	0
"2014-06-15	19:00:00"	7.4043	202.85	98.502	10.903	456.62	26.285	0
"2014-06-15	20:00:00"	7.3912	192.96	98.207	11.125	256.75	26.288	0
"2014-06-15	21:00:00"	4.815	186.33	95.729	12.462	56.698	26.299	0
"2014-06-15	22:00:00"	9.3212	107.85	90.383	24.608	0.56789	26.323	0
"2014-06-15	23:00:00"	16.596	150.88	86.892	37.52	0.06169	26.358	0
"2014-06-16	00:00:00"	20.812	164.43	83.056	47.362	0.05596	26.373	0
"2014-06-16	01:00:00"	19.45	177.83	81.273	50.488	0.05278	26.376	0
"2014-06-16	02:00:00"	16.576	181.3	80.342	50.247	0.05723	26.356	0
"2014-06-16	03:00:00"	11.98	184.34	78.735	49.099	0.05999	26.356	0
"2014-06-16	04:00:00"	8.7557	199.51	76.838	47.579	0.0708	26.373	0
"2014-06-16	05:00:00"	6.2435	207.32	74.549	47.129	0.07059	26.373	0
"2014-06-16	06:00:00"	8.5351	178.31	73.481	47.976	0.06105	26.391	0
"2014-06-16	07:00:00"	9.4175	169.01	73.545	47.987	1.9322	26.406	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-16	08:00:00"	10.627	173.65	74.436	48.014	76.571	26.42	0
"2014-06-16	09:00:00"	12.109	183.17	76.648	46.802	238.66	26.438	0
"2014-06-16	10:00:00"	13.01	190.24	77.966	49.261	283.8	26.444	0
"2014-06-16	11:00:00"	13.536	192.39	79.908	47.895	409.49	26.447	0
"2014-06-16	12:00:00"	12.055	199.73	83.141	41.024	454.06	26.441	0
"2014-06-16	13:00:00"	10.753	202.67	86.299	34.02	598.82	26.435	0
"2014-06-16	14:00:00"	8.9676	207.78	90.048	24.257	648.57	26.42	0
"2014-06-16	15:00:00"	6.1292	243.56	91.891	18.006	535.64	26.403	0
"2014-06-16	16:00:00"	6.9768	213.36	92.803	17.909	524.62	26.385	0
"2014-06-16	17:00:00"	7.7168	208.64	93.817	15.657	516.72	26.361	0
"2014-06-16	18:00:00"	9.1192	189.58	94.769	14.871	461.51	26.338	0
"2014-06-16	19:00:00"	11.446	172.58	96.003	16.234	505.64	26.323	0
"2014-06-16	20:00:00"	15.375	173.9	93.167	25.139	236.17	26.323	0
"2014-06-16	21:00:00"	17.701	161.74	86.758	40.407	48.842	26.347	0
"2014-06-16	22:00:00"	18.076	167.95	82.46	49.762	0.47844	26.367	0
"2014-06-16	23:00:00"	16.766	174.76	80.035	54.567	0.05829	26.394	0
"2014-06-17	00:00:00"	14.286	176.63	78.37	58.259	0.07504	26.412	0
"2014-06-17	00:00:00"	11.632	186	77.36	61.4	0	26.412	0
"2014-06-17	01:00:00"	11.157	181.13	76.465	63.886	0.05257	0.00236	0
"2014-06-17	02:00:00"	10.414	181.62	75.172	61.657	0.06656	0	0
"2014-06-17	03:00:00"	8.381	188.7	73.285	54.581	0.05448	26.391	0
"2014-06-17	04:00:00"	9.1627	178.2	71.739	57.191	0.04685	26.382	0
"2014-06-17	05:00:00"	11.221	176.31	71.907	56.224	0.05999	26.373	0
"2014-06-17	06:00:00"	11.235	181.17	71.673	56.384	0.07271	26.391	0
"2014-06-17	07:00:00"	8.1083	194.81	70.552	61.175	2.9552	26.397	0
"2014-06-17	08:00:00"	9.1534	188.38	70.828	63.7	71.695	0	0
"2014-06-17	09:00:00"	10.276	193.73	74.653	57.046	177.35	26.429	0
"2014-06-17	10:00:00"	11.373	195.79	79.332	47.809	352.03	26.435	0
"2014-06-17	11:00:00"	8.6737	212.56	83.138	40.396	699.8	26.42	0
"2014-06-17	12:00:00"	6.0584	227.96	86.827	32.666	861.55	26.42	0
"2014-06-17	13:00:00"	4.3397	292.68	90.834	23.505	973.48	26.409	0
"2014-06-17	14:00:00"	4.8107	72.841	93.919	18.016	1028.5	26.385	0
"2014-06-17	15:00:00"	5.2972	100.79	96.117	13.845	1023.7	26.361	0
"2014-06-17	16:00:00"	6.5903	95.011	97.306	14.219	954.5	26.344	0
"2014-06-17	17:00:00"	8.0256	149.07	96.93	17.336	617.83	26.329	0
"2014-06-17	18:00:00"	8.2481	169.12	96.648	18.159	441.38	0	0
"2014-06-17	19:00:00"	8.9912	175.64	96.246	19.61	374.72	26.294	0
"2014-06-17	20:00:00"	13.612	114.65	92.094	27.343	320.85	26.311	0
"2014-06-17	21:00:00"	14.919	149.67	78.296	55.581	79.13	26.32	0.77
"2014-06-17	22:00:00"	15.31	93.644	67.383	84.094	1.9091	26.388	0.39
"2014-06-17	23:00:00"	9.9481	102.08	68.837	80.794	0.07123	26.403	0.3
"2014-06-18	00:00:00"	11.884	117.76	72.853	74.357	0.05639	26.409	0
"2014-06-18	01:00:00"	9.2354	148.63	73.704	72.79	0.07546	26.426	0
"2014-06-18	02:00:00"	10.727	149.82	74.14	70.576	0.05617	26.438	0
"2014-06-18	03:00:00"	7.0675	110.96	73.346	73.171	0.05151	26.426	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-18	04:00:00"	6.2665	92.874	69.936	77.53	0.05511	26.4	0
"2014-06-18	05:00:00"	5.5513	127.81	70.42	78.67	0.06974	26.385	0
"2014-06-18	06:00:00"	5.378	131.44	70.828	78.422	0.06084	26.382	0
"2014-06-18	07:00:00"	5.3879	166.63	70.134	79.613	2.3837	26.388	0
"2014-06-18	08:00:00"	7.7336	189.73	70.712	78.762	65.485	26.397	0
"2014-06-18	09:00:00"	10.499	190.07	72.129	75.223	206.11	26.397	0
"2014-06-18	10:00:00"	11.783	187.23	74.872	68.217	493.23	26.406	0
"2014-06-18	11:00:00"	11.484	186.95	77.826	60.023	633.86	26.406	0
"2014-06-18	12:00:00"	9.2261	202.74	81.51	50.536	682.39	26.403	0
"2014-06-18	13:00:00"	6.8587	241.03	82.586	44.594	304.24	26.403	0
"2014-06-18	14:00:00"	4.4925	228.79	85.104	38.405	975.1	26.388	0
"2014-06-18	15:00:00"	3.1945	306.74	89.437	30.05	1022	26.361	0
"2014-06-18	16:00:00"	7.326	217	91.825	25.009	782	26.335	0
"2014-06-18	17:00:00"	7.8895	212	92.921	22.146	685.32	26.317	0
"2014-06-18	18:00:00"	7.065	236.02	93.213	20.68	537.83	26.302	0
"2014-06-18	19:00:00"	9.8997	209.02	88.044	27.527	213.73	26.311	0.01
"2014-06-18	20:00:00"	9.6101	161.65	84.716	34.458	224.19	26.311	0
"2014-06-18	21:00:00"	16.423	142.01	79.749	44.449	93.875	26.353	0
"2014-06-18	22:00:00"	13.271	123.5	71.834	59.404	1.2445	26.367	0
"2014-06-18	23:00:00"	13.165	144.22	72.24	60.207	0.08458	26.385	0
"2014-06-19	00:00:00"	10.479	158.65	72.493	69.192	0.05914	26.415	0
"2014-06-19	01:00:00"	9.1161	168.01	71.302	73.964	0.0761	26.409	0
"2014-06-19	02:00:00"	9.4815	177.18	70.709	76.869	0.06296	26.406	0
"2014-06-19	03:00:00"	12.847	171.63	71.594	75.552	0.06317	26.391	0
"2014-06-19	04:00:00"	7.3067	162.86	70.788	79.004	0.06296	26.403	0
"2014-06-19	05:00:00"	2.4544	161.02	69.28	82.858	0.05787	26.4	0
"2014-06-19	06:00:00"	5.7427	177.7	68.968	83.828	0.06338	26.409	0
"2014-06-19	07:00:00"	4.3974	187.61	68.433	85.861	3.9485	26.423	0
"2014-06-19	08:00:00"	6.1876	171.77	68.928	85.206	107.47	26.438	0
"2014-06-19	09:00:00"	9.4709	175.46	71.367	77.062	224.19	26.444	0
"2014-06-19	10:00:00"	8.8769	188.49	74.317	69.136	351.31	26.45	0
"2014-06-19	11:00:00"	8.3177	195.16	76.33	63.361	394.86	26.456	0
"2014-06-19	12:00:00"	5.0368	224.15	78.529	56.926	569.85	26.471	0
"2014-06-19	13:00:00"	2.8024	281.66	81.017	49.556	786.03	26.468	0
"2014-06-19	14:00:00"	2.872	119.12	84.169	41.9	835.62	26.459	0
"2014-06-19	15:00:00"	3.5493	100.44	86.797	35.704	677.29	26.447	0
"2014-06-19	16:00:00"	5.519	148.51	88.574	32.72	556.63	26.432	0
"2014-06-19	17:00:00"	8.5873	150.05	89.283	34.162	556.64	26.412	0
"2014-06-19	18:00:00"	9.9189	141.35	89.867	32.221	559.44	26.406	0
"2014-06-19	19:00:00"	12.77	142.08	88.002	34.717	167.12	26.4	0
"2014-06-19	20:00:00"	12.114	138.3	86.445	35.959	112.25	26.409	0
"2014-06-19	21:00:00"	13.183	146.8	84.274	38.451	18.456	26.447	0
"2014-06-19	22:00:00"	11.4	155.01	81.932	43.197	0.06974	26.494	0
"2014-06-19	23:00:00"	16.192	258.45	72.068	50.25	0.06381	26.524	0
"2014-06-20	00:00:00"	10.294	243.17	71.453	50.804	0.06232	26.559	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-20	01:00:00"	7.9803	260.4	68.826	62.103	0.0513	26.521	0.13
"2014-06-20	02:00:00"	7.5801	206.41	68.487	66.299	0.05766	26.471	0.01
"2014-06-20	03:00:00"	10.404	173.08	69.208	69.181	0.06529	26.471	0
"2014-06-20	04:00:00"	9.5927	127.18	68.485	72.749	0.05151	26.503	0
"2014-06-20	05:00:00"	4.8753	137.5	68.352	76.478	0.07483	26.518	0
"2014-06-20	06:00:00"	5.2593	150.39	67.604	79.215	0.06253	26.53	0
"2014-06-20	07:00:00"	3.663	167.85	66.99	82.2	0.55793	26.55	0
"2014-06-20	08:00:00"	7.6833	154.08	67.453	81.568	19.529	26.568	0
"2014-06-20	09:00:00"	9.3007	166.12	66.997	81.254	154.96	26.577	0
"2014-06-20	10:00:00"	8.1617	168.95	67.577	79.956	159.29	26.583	0
"2014-06-20	11:00:00"	6.4231	150.33	68.952	75.616	257.38	26.583	0
"2014-06-20	12:00:00"	4.8622	141.54	72.568	66.047	618.18	26.574	0
"2014-06-20	13:00:00"	6.7692	129.46	75.588	57.894	647.79	26.565	0
"2014-06-20	14:00:00"	9.4368	136.35	78.133	50.052	690	26.547	0
"2014-06-20	15:00:00"	8.9341	133.22	78.815	46.861	463	26.533	0
"2014-06-20	16:00:00"	9.3647	120.79	80.172	44.493	585.7	26.515	0
"2014-06-20	17:00:00"	11.109	121.89	80.476	42.354	435.56	26.503	0
"2014-06-20	18:00:00"	13.968	127.83	79.77	46.024	448.29	26.5	0
"2014-06-20	19:00:00"	13.42	138.56	79.005	46.164	315.17	26.497	0
"2014-06-20	20:00:00"	13.594	146.1	77.772	49.298	173.92	26.5	0
"2014-06-20	21:00:00"	14.801	151.41	72.629	62.347	43.087	26.512	0
"2014-06-20	22:00:00"	8.3823	149.52	70.566	68.767	0.78856	26.518	0
"2014-06-20	23:00:00"	5.1524	134.17	69.912	73.44	0.06423	26.53	0
"2014-06-21	00:00:00"	4.6901	121.54	70.326	75.953	0.046	26.524	0
"2014-06-21	01:00:00"	8.7849	133.1	71.019	76.478	0.0619	26.515	0
"2014-06-21	02:00:00"	5.8024	120.11	69.372	79.4	0.06063	26.494	0
"2014-06-21	03:00:00"	4.6261	117.28	68.484	81.804	0.06253	26.483	0
"2014-06-21	04:00:00"	4.1346	113.78	67.049	84.992	0.05554	26.474	0
"2014-06-21	05:00:00"	4.7821	105.03	66.312	86.918	0.05914	26.468	0
"2014-06-21	06:00:00"	5.0294	98.674	66.472	85.571	0.05533	26.468	0
"2014-06-21	07:00:00"	4.0594	92.448	66.534	86.084	0.78772	26.48	0
"2014-06-21	08:00:00"	6.0049	124.72	67.357	84.233	20.069	26.494	0
"2014-06-21	09:00:00"	9.1795	148.79	68.316	82.328	116.34	26.494	0
"2014-06-21	10:00:00"	8.8334	153.33	69.257	79.739	176.35	26.503	0
"2014-06-21	11:00:00"	8.1866	167.07	71.125	74.353	320.91	26.497	0
"2014-06-21	12:00:00"	5.706	141.91	73.281	67.612	349.73	26.491	0
"2014-06-21	13:00:00"	2.9242	211.86	75.242	62.387	495.56	26.477	0
"2014-06-21	14:00:00"	3.8655	87.649	77.23	57.461	758.25	26.45	0
"2014-06-21	15:00:00"	4.0246	143.39	80.335	51.263	953.98	26.426	0
"2014-06-21	16:00:00"	5.0847	115.6	82.349	45.595	589.97	26.409	0
"2014-06-21	17:00:00"	7.5111	135.12	84.002	43.176	659.97	26.391	0
"2014-06-21	18:00:00"	11.519	135.39	83.827	45.948	583.31	26.376	0
"2014-06-21	19:00:00"	10.694	136.17	82.836	48.852	299.91	26.37	0
"2014-06-21	20:00:00"	9.228	134.9	81.648	50.758	149	26.382	0
"2014-06-21	21:00:00"	11.305	130.26	79.578	56.132	46.813	26.379	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-21	22:00:00"	10.314	151.69	77.439	58.985	1.7881	26.403	0
"2014-06-21	23:00:00"	8.7408	145.57	75.674	63.641	0.06444	26.426	0
"2014-06-22	00:00:00"	8.4761	136.67	73.707	70.08	0.06296	26.426	0
"2014-06-22	01:00:00"	8.5122	156.43	71.752	77.401	0.07101	26.415	0
"2014-06-22	02:00:00"	5.2611	169.83	69.381	83.137	0.06487	26.403	0
"2014-06-22	03:00:00"	6.3684	185.62	68.39	86.101	0.05024	26.394	0
"2014-06-22	04:00:00"	5.5625	178.35	67.347	88.894	0.07101	26.37	0
"2014-06-22	05:00:00"	5.5165	162.38	66.424	90.661	0.06677	0.25986	0
"2014-06-22	06:00:00"	3.6518	92.465	65.279	91.464	0.06338	26.382	0
"2014-06-22	07:00:00"	2.9861	37.587	64.458	91.924	3.4241	26.394	0
"2014-06-22	08:00:00"	3.1907	62.397	64.832	92.371	86.551	0.264	0
"2014-06-22	09:00:00"	5.3009	126.37	68.598	87.002	246.37	26.406	0
"2014-06-22	10:00:00"	5.8086	143.19	72.782	75.05	463.08	26.397	0
"2014-06-22	11:00:00"	4.3142	125.02	78.135	61.804	648.68	26.394	0
"2014-06-22	12:00:00"	6.1075	129.48	83.039	49.679	801.75	26.382	0
"2014-06-22	13:00:00"	4.2378	186.48	86.421	39.368	913.35	26.373	0
"2014-06-22	14:00:00"	5.3531	217.36	89.166	35.313	971.25	26.353	0
"2014-06-22	15:00:00"	4.6771	223.34	91.697	30.564	963.21	26.332	0
"2014-06-22	16:00:00"	5.0157	227.82	93.645	27.325	734.07	26.323	0
"2014-06-22	17:00:00"	5.8185	243.6	94.043	27.146	580.1	26.308	0
"2014-06-22	18:00:00"	6.0049	246.14	95.04	24.932	631.73	26.294	0
"2014-06-22	19:00:00"	3.8121	225.71	94.193	25.362	236.66	26.285	0
"2014-06-22	20:00:00"	13.657	109.82	91.991	31.861	275.62	26.296	0
"2014-06-22	21:00:00"	17.208	118.06	85.333	42.475	84.282	26.326	0
"2014-06-22	22:00:00"	10.834	114.71	77.729	64.22	0.7379	26.329	0.02
"2014-06-22	23:00:00"	10.6	165.75	78.39	64.797	0.05702	26.329	0
"2014-06-23	00:00:00"	14.38	185.99	78.382	64.295	0.05088	26.317	0
"2014-06-23	01:00:00"	12.933	187.39	76.017	71.586	0.0549	26.308	0
"2014-06-23	02:00:00"	9.6667	185.08	74.021	77.396	0.0672	26.32	0
"2014-06-23	03:00:00"	8.7849	244.03	73.706	78.784	0.06487	26.376	0
"2014-06-23	04:00:00"	4.0955	67.172	73.638	79.778	0.06105	26.347	0
"2014-06-23	05:00:00"	6.0509	96.99	72.132	83.973	0.05405	26.341	0
"2014-06-23	06:00:00"	9.3951	83.054	71.291	81.372	0.0549	26.358	0
"2014-06-23	07:00:00"	15.318	66.517	69.095	71.259	0.79174	26.394	0
"2014-06-23	08:00:00"	14.67	74.113	67.757	72.884	55.992	26.441	0
"2014-06-23	09:00:00"	11.729	71.676	68.474	70.337	230.01	26.471	0
"2014-06-23	10:00:00"	10.63	85.367	70.645	66.661	421.68	26.485	0
"2014-06-23	11:00:00"	10.522	107.79	73.259	66.464	574.92	26.483	0
"2014-06-23	12:00:00"	10.115	144	77	61.679	839.14	26.485	0
"2014-06-23	13:00:00"	8.1455	127.02	80.483	54.796	812.7	26.491	0
"2014-06-23	14:00:00"	7.3657	95.965	82.788	49.31	999.63	26.474	0
"2014-06-23	15:00:00"	7.6752	91.097	84.541	44.079	958.36	26.456	0
"2014-06-23	16:00:00"	7.9635	90.351	85.747	42.202	794	26.444	0
"2014-06-23	17:00:00"	6.7754	112.35	87.427	38.208	822.01	26.426	0
"2014-06-23	18:00:00"	8.2667	113.81	87.445	39.04	559.88	26.415	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-23	19:00:00"	10.479	116.53	87.147	39.153	414.31	26.415	0
"2014-06-23	20:00:00"	9.9426	122.87	85.23	41.547	147.24	26.418	0
"2014-06-23	21:00:00"	9.2957	116.16	83.249	45.924	41.042	26.444	0
"2014-06-23	22:00:00"	8.2245	119.22	80.693	51.747	0.13948	26.465	0
"2014-06-23	23:00:00"	10.802	133.53	79.766	55.07	0.05893	26.506	0
"2014-06-24	00:00:00"	9.5101	121.39	79.062	57.762	0.06359	26.542	0
"2014-06-24	01:00:00"	14.059	261.33	73.023	60.731	0.07377	26.539	0.21
"2014-06-24	02:00:00"	7.9871	312.54	67.945	67.378	0.05236	26.53	0.15
"2014-06-24	03:00:00"	11.357	86.648	72.27	52.934	0.07822	26.483	0
"2014-06-24	04:00:00"	7.8156	74.22	69.184	63.711	0.04388	26.488	0
"2014-06-24	05:00:00"	5.1922	138.58	67.608	71.496	0.06041	26.5	0
"2014-06-24	06:00:00"	3.6543	248.41	67.048	75.85	0.0602	26.527	0
"2014-06-24	07:00:00"	3.0323	2.3886	65.693	81.053	1.3404	26.536	0
"2014-06-24	08:00:00"	2.8111	29.021	66.07	78.728	41.187	26.515	0
"2014-06-24	09:00:00"	1.7026	327.23	69.881	67.996	259.08	26.515	0
"2014-06-24	10:00:00"	5.0437	181.22	74.556	52.994	501.06	26.556	0
"2014-06-24	11:00:00"	7.6932	176.02	75.246	56.441	646.6	26.583	0
"2014-06-24	12:00:00"	11.257	156.4	76.731	56.64	851.45	26.565	0
"2014-06-24	13:00:00"	11.171	160.67	79.166	49.483	951.92	26.556	0
"2014-06-24	14:00:00"	9.3262	163.28	81.271	44.514	1006.9	26.542	0
"2014-06-24	15:00:00"	9.1665	147.87	83.394	39.645	1000	26.521	0
"2014-06-24	16:00:00"	10.041	162.11	84.599	37.462	934.9	26.497	0
"2014-06-24	17:00:00"	9.059	178.12	85.481	34.422	818.35	26.483	0
"2014-06-24	18:00:00"	7.0731	174.37	86.309	31.735	579.08	26.462	0
"2014-06-24	19:00:00"	7.2023	164.57	85.391	31.864	249.11	26.444	0
"2014-06-24	20:00:00"	8.396	145.66	84.377	32.581	140.28	26.438	0
"2014-06-24	21:00:00"	9.881	145.15	83.014	34.453	69.554	26.45	0
"2014-06-24	22:00:00"	11.66	138.54	79.453	45.526	3.645	26.462	0
"2014-06-24	23:00:00"	10.571	140.47	76.762	58.864	0.06762	26.48	0
"2014-06-25	00:00:00"	9.3081	141.68	74.304	64.205	0.04218	26.48	0
"2014-06-25	01:00:00"	9.7847	146.02	72.86	68.56	0.05723	26.483	0
"2014-06-25	02:00:00"	10.688	144.09	71.589	75.363	0.06677	26.485	0
"2014-06-25	03:00:00"	10.476	151.91	70.254	79.666	0.06402	26.474	0
"2014-06-25	04:00:00"	7.1184	141.72	68.65	82.704	0.0496	26.471	0
"2014-06-25	05:00:00"	7.2887	134.04	67.704	85.052	0.04727	26.465	0
"2014-06-25	06:00:00"	7.8709	95.359	66.368	86.571	0.04939	26.477	0
"2014-06-25	07:00:00"	9.3467	88.285	65.567	87.751	2.1544	26.488	0
"2014-06-25	08:00:00"	8.8825	108.58	66.526	87.103	33.98	26.5	0
"2014-06-25	09:00:00"	10.852	133.34	67.792	85.387	80.823	26.509	0
"2014-06-25	10:00:00"	9.3336	141.87	70.672	78.517	344.6	26.53	0
"2014-06-25	11:00:00"	10.259	53.5	71.744	75.491	207.64	26.545	0
"2014-06-25	12:00:00"	17.451	72.346	71.082	76.49	242.03	26.53	0
"2014-06-25	13:00:00"	14.366	75.921	69.848	79.088	97.514	26.536	0
"2014-06-25	14:00:00"	9.927	107.51	68.905	85.375	113.53	26.494	0.05
"2014-06-25	15:00:00"	14.367	134.53	74.999	70.028	915.65	26.465	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-25	16:00:00"	14.421	130.75	81.498	47.292	958.09	26.441	0
"2014-06-25	17:00:00"	10.213	160.46	84.777	36.06	543.31	26.432	0
"2014-06-25	18:00:00"	13.252	181.5	83.788	38.304	341.24	26.441	0
"2014-06-25	19:00:00"	15.718	203.06	80.416	52.886	222.17	26.432	0
"2014-06-25	20:00:00"	15.022	206.76	78.57	56.66	237.19	26.423	0
"2014-06-25	21:00:00"	8.6576	189.13	75.774	65.048	57.967	26.429	0
"2014-06-25	22:00:00"	4.6162	105.29	72.411	73.735	1.7376	26.426	0
"2014-06-25	23:00:00"	4.5515	105.91	70.689	78.423	0.05702	26.45	0
"2014-06-26	00:00:00"	5.2027	118.07	70.312	80.111	0.06508	26.471	0
"2014-06-26	01:00:00"	5.8869	134.01	70.018	81.678	0.0602	26.465	0
"2014-06-26	02:00:00"	4.5292	149.39	69.073	83.886	0.09158	26.444	0
"2014-06-26	03:00:00"	6.1429	180.49	69.466	82.464	0.05172	26.435	0
"2014-06-26	04:00:00"	6.7369	195.06	69.852	81.536	0.06847	26.426	0
"2014-06-26	05:00:00"	5.2189	178.48	68.054	86.072	0.05957	26.412	0
"2014-06-26	06:00:00"	6.9718	185.54	67.453	88.129	0.07695	26.409	0
"2014-06-26	07:00:00"	4.093	129.11	65.83	90.818	0.90494	26.423	0
"2014-06-26	08:00:00"	6.0155	121.22	65.755	92.885	21.241	26.429	0
"2014-06-26	09:00:00"	8.2543	152.14	67.452	92.412	194.63	26.435	0
"2014-06-26	10:00:00"	8.4656	172.42	73.172	75.365	381.61	26.432	0
"2014-06-26	11:00:00"	7.3626	180.85	78.133	59.805	741.3	26.42	0
"2014-06-26	12:00:00"	8.7831	198.7	81.807	46.124	828.91	26.415	0
"2014-06-26	13:00:00"	11.541	199.02	85.032	37.66	949.75	26.403	0
"2014-06-26	14:00:00"	8.5718	202.86	87.088	36.678	1004.5	26.382	0
"2014-06-26	15:00:00"	10.54	193.61	89.004	36.794	994.74	26.358	0
"2014-06-26	16:00:00"	10.64	184.67	90.469	34.208	930.53	26.335	0
"2014-06-26	17:00:00"	8.9639	186.6	92.079	31.208	812.13	26.311	0
"2014-06-26	18:00:00"	9.7021	168.32	92.444	30.382	649.33	26.294	0
"2014-06-26	19:00:00"	11.335	162.47	92.351	29.833	445.97	26.273	0
"2014-06-26	20:00:00"	15.508	166.95	90.256	33.75	237.41	26.276	0
"2014-06-26	21:00:00"	15.027	163.1	86.186	41.851	56.333	26.276	0
"2014-06-26	22:00:00"	14.257	164.69	83.722	45.083	0.54012	26.296	0
"2014-06-26	23:00:00"	15.874	170.43	80.827	50.445	0.05066	26.314	0
"2014-06-27	00:00:00"	14.712	166.44	77.786	56.082	0.05278	26.317	0
"2014-06-27	01:00:00"	14.991	169.63	75.668	61.184	0.0744	26.311	0
"2014-06-27	02:00:00"	15.038	175.57	74.241	65.363	0.05448	26.308	0
"2014-06-27	03:00:00"	16.161	171.52	73.186	68.451	0.05914	26.294	0
"2014-06-27	04:00:00"	15.276	176.83	72.304	70.398	0.03985	26.276	0
"2014-06-27	05:00:00"	13.661	179.88	71.517	74.357	0.06381	26.276	0
"2014-06-27	06:00:00"	12.73	183.65	71.262	76.308	0.06402	26.267	0
"2014-06-27	07:00:00"	10.053	192.31	70.345	77.274	3.4898	26.273	0
"2014-06-27	08:00:00"	10.372	194.89	70.788	76.257	116.59	26.276	0
"2014-06-27	09:00:00"	12.816	194.81	73.794	68.171	225.03	26.288	0
"2014-06-27	10:00:00"	12.588	203.79	77.585	59.056	486.45	26.285	0
"2014-06-27	11:00:00"	12.532	211.48	80.914	50.373	452.92	26.288	0
"2014-06-27	12:00:00"	11.78	214.46	84.073	41.874	499.21	26.285	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-27	13:00:00"	12.97	212.32	90.057	30.973	926.48	26.273	0
"2014-06-27	14:00:00"	12.361	239.11	94.771	20.045	995.6	26.258	0
"2014-06-27	15:00:00"	11.193	235.24	97.04	17.698	1014	26.232	0
"2014-06-27	16:00:00"	14.462	238.49	98.746	16.507	860.21	26.217	0
"2014-06-27	17:00:00"	17.496	241.61	99.467	16.181	808.95	26.19	0
"2014-06-27	18:00:00"	18.671	238.38	99.45	14.986	667.35	26.175	0
"2014-06-27	19:00:00"	17.308	239.51	98.99	12.78	463.11	26.164	0
"2014-06-27	20:00:00"	15.121	236.98	97.903	11.89	242.11	26.172	0
"2014-06-27	21:00:00"	16.793	178.22	88.438	40.878	58.669	26.184	0
"2014-06-27	22:00:00"	15.26	178.27	83.389	50.231	0.7502	26.208	0
"2014-06-27	23:00:00"	16.263	174.14	79.694	59.897	0.06487	26.232	0
"2014-06-28	00:00:00"	17.148	176.32	77.412	65.366	0.05851	26.246	0
"2014-06-28	01:00:00"	16.984	179.67	75.706	71.009	0.08394	26.267	0
"2014-06-28	02:00:00"	15.273	180.08	74.485	72.669	0.0619	26.264	0
"2014-06-28	03:00:00"	14.466	179.2	73.829	71.557	0.05893	26.255	0
"2014-06-28	04:00:00"	14.969	180.51	73.179	72.681	0.06232	26.243	0
"2014-06-28	05:00:00"	13.316	185.53	72.38	74.152	0.05384	26.246	0
"2014-06-28	06:00:00"	11.664	190.89	71.498	75.728	0.06338	26.252	0
"2014-06-28	07:00:00"	10.858	196.61	70.637	77.666	2.3379	26.264	0
"2014-06-28	08:00:00"	8.2885	204.51	70.532	78.129	89.552	26.279	0
"2014-06-28	09:00:00"	10.277	205.32	74.077	68.362	276.71	26.302	0
"2014-06-28	10:00:00"	9.6903	209.37	78.343	54.376	489.77	26.317	0
"2014-06-28	11:00:00"	8.0287	218.5	83.235	40.115	690.55	26.32	0
"2014-06-28	12:00:00"	4.2732	265.94	87.362	29.749	850.51	26.329	0
"2014-06-28	13:00:00"	4.4819	250.82	90.138	26.906	964.71	26.326	0
"2014-06-28	14:00:00"	4.4322	209.06	92.901	22.929	1022.6	26.32	0
"2014-06-28	15:00:00"	5.3512	231.16	95.701	18.859	1017.5	26.305	0
"2014-06-28	16:00:00"	6.0049	255.04	97.692	15.166	954.44	26.299	0
"2014-06-28	17:00:00"	8.0163	238.24	99.076	12.536	836.22	26.291	0
"2014-06-28	18:00:00"	8.9633	249.99	99.312	12.344	663.22	26.279	0
"2014-06-28	19:00:00"	6.9842	272.62	99.439	12.441	462.26	26.27	0
"2014-06-28	20:00:00"	5.2816	262.67	98.83	12.544	250.89	26.279	0
"2014-06-28	21:00:00"	1.8834	298.36	96.416	14.846	59.06	26.294	0
"2014-06-28	22:00:00"	6.2243	98.709	90.073	24.1	0.68872	26.317	0
"2014-06-28	23:00:00"	14.245	166.05	83.733	51.012	0.03053	26.344	0
"2014-06-29	00:00:00"	14.476	168.57	80.434	57.756	0.04854	26.361	0
"2014-06-29	01:00:00"	13.544	175.74	78.315	63.804	0.07017	26.373	0
"2014-06-29	02:00:00"	12.555	177.8	76.616	67.995	0.06656	26.373	0
"2014-06-29	03:00:00"	11.802	175.04	75.361	69.085	0.06741	26.367	0
"2014-06-29	04:00:00"	11.708	176.32	74.872	67.945	0.05469	26.364	0
"2014-06-29	05:00:00"	11.69	178.14	74.791	65.273	0.05935	26.37	0
"2014-06-29	06:00:00"	12.547	181.46	74.568	64.709	0.08204	26.376	0
"2014-06-29	07:00:00"	10.077	180.57	73.719	69.255	2.3894	26.397	0
"2014-06-29	08:00:00"	8.8085	181.4	73.318	71.654	86.356	26.406	0
"2014-06-29	09:00:00"	12.642	187.26	76.052	66.49	272.31	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-29	10:00:00"	13.582	190.74	79.723	58.669	484.31	26.423	0
"2014-06-29	11:00:00"	11.738	195.94	83.529	50.465	684.59	26.42	0
"2014-06-29	12:00:00"	10.471	211.94	88.187	39.092	849.69	26.426	0
"2014-06-29	13:00:00"	9.1814	216.55	92.533	30.273	961.95	26.42	0
"2014-06-29	14:00:00"	8.7452	198.25	96.383	25.04	1015.6	26.406	0
"2014-06-29	15:00:00"	7.9554	210.41	99.35	19.613	1007.6	26.388	0
"2014-06-29	16:00:00"	7.9374	216.59	100.79	16.191	950.17	26.37	0
"2014-06-29	17:00:00"	8.7675	166.9	101.79	14.432	779.05	26.356	0
"2014-06-29	18:00:00"	8.4438	154.09	101.74	14.181	620.31	26.344	0
"2014-06-29	19:00:00"	13.386	159.59	99.858	19.653	432.42	26.326	0
"2014-06-29	20:00:00"	18.281	166.05	95.304	29.096	235.6	26.35	0
"2014-06-29	21:00:00"	18.219	160.61	89.641	37.482	55.757	26.37	0
"2014-06-29	22:00:00"	16.013	166.63	85.31	44.458	0.63488	26.385	0
"2014-06-29	23:00:00"	14.534	161.92	82.113	50.828	0.05639	26.406	0
"2014-06-30	00:00:00"	15.357	162.96	79.704	54.781	0.06126	26.412	0
"2014-06-30	01:00:00"	13.54	167.68	78.164	54.971	0.05533	26.409	0
"2014-06-30	02:00:00"	14.324	174.91	77.451	54.922	0.04473	26.397	0
"2014-06-30	03:00:00"	13.449	176.2	77.038	55.05	0.05957	26.394	0
"2014-06-30	04:00:00"	12.416	181.12	76.536	55.437	0.05003	26.382	0
"2014-06-30	05:00:00"	12.78	181.1	76.179	56.043	0.05766	26.379	0
"2014-06-30	06:00:00"	12.351	176.98	75.116	58.759	0.03879	26.379	0
"2014-06-30	07:00:00"	12.596	175.89	73.603	66.515	2.4999	26.382	0
"2014-06-30	08:00:00"	13.775	174.47	73.454	70.745	85.315	26.394	0
"2014-06-30	09:00:00"	14.605	180.96	75.364	67.955	258.25	26.406	0
"2014-06-30	10:00:00"	14.641	182.63	78.738	60.47	474.56	26.406	0
"2014-06-30	11:00:00"	14.5	191.55	82.167	53.086	674.62	26.394	0
"2014-06-30	12:00:00"	13.793	189.02	85.968	46.177	839.13	26.388	0
"2014-06-30	13:00:00"	12.879	193.78	89.669	39.818	954.65	26.37	0
"2014-06-30	14:00:00"	12.54	190.67	93.322	34.01	1012.8	26.347	0
"2014-06-30	15:00:00"	11.233	187.87	96.665	27.772	1009.2	26.329	0
"2014-06-30	16:00:00"	9.1211	186.15	99.111	22.027	936.62	26.305	0
"2014-06-30	17:00:00"	8.189	174.46	100.2	19.856	819.41	26.288	0
"2014-06-30	18:00:00"	8.1089	176.68	100.94	18.079	660.73	26.276	0
"2014-06-30	19:00:00"	14.131	178.25	99.726	22.245	427.69	26.267	0
"2014-06-30	20:00:00"	19.589	177.13	93.182	35.788	192.38	26.279	0
"2014-06-30	21:00:00"	17.686	173.43	88.918	42.573	88.234	26.285	0
"2014-06-30	22:00:00"	16.294	159.41	83.557	49.193	0.68024	26.308	0
"2014-06-30	23:00:00"	14.309	168.62	80.1	55.217	0.05575	26.323	0
"2014-07-01	00:00:00"	13.382	170.58	78.609	57.146	0.09009	26.329	0
"2014-07-01	01:00:00"	9.5741	149.94	77.859	57.273	0.03985	26.344	0
"2014-07-01	02:00:00"	10.304	164.57	76.92	57.606	0.04876	26.326	0
"2014-07-01	03:00:00"	9.6971	171.81	76.402	57.766	0.04812	26.314	0
"2014-07-01	04:00:00"	10.403	169.99	76.086	57.215	0.0708	26.296	0
"2014-07-01	05:00:00"	10.143	166.54	75.242	57.298	0.06508	26.305	0
"2014-07-01	06:00:00"	10.866	135.05	74.975	55.127	0.07589	26.311	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-01	07:00:00"	15.915	176.22	75.235	51.935	0.5556	26.305	0
"2014-07-01	08:00:00"	13.36	57.509	77.36	50.425	51.514	26.406	0
"2014-07-01	09:00:00"	18.901	81.972	75.462	54.133	194.9	26.406	0
"2014-07-01	10:00:00"	22.374	96.659	76.12	61.403	425.28	26.394	0
"2014-07-01	11:00:00"	22.045	117.6	76.259	63.833	183.82	26.409	0
"2014-07-01	12:00:00"	11.782	123.64	77.491	61.646	260.47	26.459	0
"2014-07-01	13:00:00"	10.159	101.07	80.372	56.417	700.53	26.465	0
"2014-07-01	14:00:00"	10.432	86.046	82.806	51.028	970.67	26.456	0
"2014-07-01	15:00:00"	9.0279	87.998	84.613	46.41	995.08	26.441	0
"2014-07-01	16:00:00"	10.543	85.197	87.086	42.115	713.57	26.429	0
"2014-07-01	17:00:00"	11.165	85.626	88.004	40.597	507.13	26.412	0
"2014-07-01	18:00:00"	11.536	86.148	89.176	37.813	410.63	26.406	0
"2014-07-01	19:00:00"	14.728	94.432	88.68	38.062	329.58	26.388	0
"2014-07-01	20:00:00"	12.8	108.44	88.519	36.643	207.59	26.406	0
"2014-07-01	21:00:00"	10.625	113.92	86.599	37.351	36.186	26.418	0
"2014-07-01	22:00:00"	8.547	115.03	84.509	39.094	0.34235	26.45	0
"2014-07-01	23:00:00"	9.904	124.4	83.921	36.299	0.05554	26.474	0
"2014-07-02	00:00:00"	11.825	125.75	82.58	35.559	0.05278	26.468	0
"2014-07-02	01:00:00"	8.3158	128.73	80.151	39.498	0.06805	26.477	0
"2014-07-02	02:00:00"	6.0888	102.96	77.942	43.989	0.05215	26.485	0
"2014-07-02	03:00:00"	4.6441	76.808	75.848	47.224	0.06635	26.494	0
"2014-07-02	04:00:00"	4.3962	125.99	76.118	44.712	0.05914	26.483	0
"2014-07-02	05:00:00"	5.0598	145.32	75.613	45.011	0.07334	26.494	0
"2014-07-02	06:00:00"	4.0774	142.5	73.757	50.488	0.05024	26.512	0
"2014-07-02	07:00:00"	4.0333	90.226	73.185	57.637	0.23551	26.545	0
"2014-07-02	08:00:00"	2.7676	78.097	72.729	64.014	17.558	26.577	0
"2014-07-02	09:00:00"	6.123	34.643	72.955	64.594	79.423	26.601	0
"2014-07-02	10:00:00"	14.391	14.08	71.166	62.369	109.46	26.609	0
"2014-07-02	11:00:00"	17.859	18.012	71.526	56.943	344.25	26.609	0
"2014-07-02	12:00:00"	18.019	28.235	73.858	52.587	513.33	26.607	0
"2014-07-02	13:00:00"	15.678	46.055	78.597	45.696	961.02	26.583	0
"2014-07-02	14:00:00"	14.011	62.289	81.83	42.123	895.99	26.568	0
"2014-07-02	15:00:00"	14.448	80.977	83.689	38.278	781.78	26.562	0
"2014-07-02	16:00:00"	13.063	71.925	85.172	35.849	776.49	26.553	0
"2014-07-02	17:00:00"	12.659	73.21	82.013	43.917	172.03	26.512	0.03
"2014-07-02	18:00:00"	23.148	40.198	64.817	84.959	22.607	26.556	1.63
"2014-07-02	19:00:00"	14.409	193.17	63.954	87.418	17.755	26.559	1.2
"2014-07-02	20:00:00"	10.25	182.96	65.42	83.171	8.5663	26.539	0.55
"2014-07-02	21:00:00"	6.7114	19.865	67.263	82.486	2.6114	26.547	0.03
"2014-07-02	22:00:00"	10.75	17.485	68.701	82.116	0.07822	26.571	0.01
"2014-07-02	23:00:00"	10.876	8.1624	67.873	86.528	0.05299	26.607	0
"2014-07-03	00:00:00"	10.661	22.454	67.916	87.029	0.06762	26.615	0.01
"2014-07-03	01:00:00"	4.4285	58.94	68.938	83.754	0.05342	26.621	0.03
"2014-07-03	02:00:00"	4.3707	343.13	69.072	83.552	0.06423	26.642	0
"2014-07-03	03:00:00"	4.0899	347.09	67.991	85.603	0.06529	26.621	0.01

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-03	04:00:00"	7.3241	40.004	67.585	86.394	0.04748	26.607	0
"2014-07-03	05:00:00"	8.0262	53.288	66.76	88.892	0.06699	26.612	0
"2014-07-03	06:00:00"	8.7396	56.341	66.57	89.635	0.07886	26.609	0
"2014-07-03	07:00:00"	7.3782	65.741	66.138	90.215	0.56599	26.615	0
"2014-07-03	08:00:00"	7.1992	54.047	66.163	90.248	43.252	26.63	0
"2014-07-03	09:00:00"	8.7346	66.568	68.458	85.634	258.1	26.639	0
"2014-07-03	10:00:00"	9.1826	73.913	71.793	76.895	462.61	26.642	0
"2014-07-03	11:00:00"	7.6913	110.22	75.193	65.705	661.7	26.633	0
"2014-07-03	12:00:00"	7.5745	131.41	77.792	58.518	807.3	26.636	0
"2014-07-03	13:00:00"	8.1281	150.67	80.406	51.301	841.16	26.621	0
"2014-07-03	14:00:00"	10.121	147.8	83.014	43.318	921.96	26.609	0
"2014-07-03	15:00:00"	10.944	157.35	84.779	39.436	1038.3	26.592	0
"2014-07-03	16:00:00"	9.9867	148.87	86.092	36.32	895.85	26.565	0
"2014-07-03	17:00:00"	13.532	128	85.01	40.309	628.82	26.562	0
"2014-07-03	18:00:00"	14.905	130.24	85.037	39.803	621.89	26.547	0
"2014-07-03	19:00:00"	16.004	128.1	83.491	41.084	448.61	26.539	0
"2014-07-03	20:00:00"	14.058	139.08	83.039	38.732	237.98	26.545	0
"2014-07-03	21:00:00"	10.409	147.99	82.014	38.078	57.653	26.55	0
"2014-07-03	22:00:00"	7.8069	122.8	78.187	46.184	0.5857	26.574	0
"2014-07-03	23:00:00"	6.2678	103.59	74.937	55.135	0.06805	26.607	0
"2014-07-04	00:00:00"	5.4227	106.78	73.061	58.494	0.07419	26.621	0
"2014-07-04	01:00:00"	5.2127	120.14	71.379	57.947	0.05829	26.627	0
"2014-07-04	02:00:00"	5.4792	134.78	70.026	56.931	0.05088	26.627	0
"2014-07-04	03:00:00"	6.2044	120.62	69.595	57.469	0.06296	26.624	0
"2014-07-04	04:00:00"	5.8825	80.925	66.507	66.669	0.06677	26.624	0
"2014-07-04	05:00:00"	6.246	74.974	64.986	72.797	0.05702	26.624	0
"2014-07-04	06:00:00"	6.5387	89.565	64.536	80.178	0.05957	26.627	0
"2014-07-04	07:00:00"	6.1758	101.03	64.587	82.369	1.8177	26.633	0
"2014-07-04	08:00:00"	6.5225	122.43	66.224	77.076	65.497	26.654	0
"2014-07-04	09:00:00"	9.026	154.03	70.062	67.106	254.48	26.666	0
"2014-07-04	10:00:00"	11.618	168.88	73.551	61.185	463.28	26.672	0
"2014-07-04	11:00:00"	12.092	170.04	76.946	54.728	661.69	26.657	0
"2014-07-04	12:00:00"	11.997	177.25	80.012	47.982	828.63	26.654	0
"2014-07-04	13:00:00"	10.575	178.14	82.227	42.764	943.52	26.651	0
"2014-07-04	14:00:00"	10.084	172.41	84.116	38.244	993.43	26.63	0
"2014-07-04	15:00:00"	10.064	163.59	85.942	34.966	1001.4	26.615	0
"2014-07-04	16:00:00"	11.635	168.48	87.174	31.385	824.41	26.604	0
"2014-07-04	17:00:00"	12.437	156.06	88.141	28.564	794.31	26.589	0
"2014-07-04	18:00:00"	12.977	149.49	88.447	26.981	633.75	26.574	0
"2014-07-04	19:00:00"	12.823	159.72	88.076	24.529	448.45	26.565	0
"2014-07-04	20:00:00"	13.069	161.18	86.65	24.124	234.12	26.574	0
"2014-07-04	21:00:00"	11.981	163.11	84.062	26.871	58.71	26.58	0
"2014-07-04	22:00:00"	8.0847	159	80.195	32.872	0.43625	26.595	0
"2014-07-04	23:00:00"	6.0391	149.48	76.76	38.657	0.08013	26.615	0
"2014-07-05	00:00:00"	6.013	145.8	74.495	42.619	0.06275	26.627	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-05	00:00:00"	5.3687	149	73.94	43.002	0	0	0
"2014-07-05	01:00:00"	5.834	144.56	72.654	45.625	0.0619	26.627	0
"2014-07-05	02:00:00"	5.1847	157.25	70.668	51.688	0.05723	26.63	0
"2014-07-05	03:00:00"	4.5242	158.18	69.212	58.246	0.07356	26.63	0
"2014-07-05	04:00:00"	4.2912	143.05	68.468	61.648	0.06105	26.63	0
"2014-07-05	05:00:00"	4.7802	125.25	67.477	64.266	0.06296	26.63	0
"2014-07-05	06:00:00"	4.5919	131.09	66.911	66.557	0.06932	26.636	0
"2014-07-05	07:00:00"	4.3999	122.74	65.143	69.814	1.8493	26.639	0
"2014-07-05	08:00:00"	4.7672	128.96	66.044	71.947	81.601	26.642	0
"2014-07-05	09:00:00"	10.379	163.6	71.027	67.003	264.26	26.645	0
"2014-07-05	10:00:00"	12.452	176.97	74.67	59.088	474.1	26.639	0
"2014-07-05	11:00:00"	11.564	180.72	77.445	53.397	674.45	26.624	0
"2014-07-05	12:00:00"	10.059	185.18	80.755	46.169	840.26	26.621	0
"2014-07-05	13:00:00"	8.875	175.72	83.559	38.664	957.06	26.612	0
"2014-07-05	14:00:00"	7.8175	184.02	85.609	34.831	1010.2	26.598	0
"2014-07-05	15:00:00"	8.4258	181.12	87.4	29.998	1011.5	26.583	0
"2014-07-05	16:00:00"	8.734	171.7	88.496	28.199	846.73	26.565	0
"2014-07-05	17:00:00"	8.5395	170.19	89.815	26.302	833.99	26.542	0
"2014-07-05	18:00:00"	8.6613	165.15	89.973	25.258	653.75	26.527	0
"2014-07-05	19:00:00"	8.9863	171.84	89.573	25.016	448.27	26.512	0
"2014-07-05	20:00:00"	8.5581	154.93	88.335	25.92	225.38	26.515	0
"2014-07-05	21:00:00"	9.0621	153.56	85.549	28.465	45.45	26.53	0
"2014-07-05	22:00:00"	9.5921	153.81	82.111	34.058	0.27451	26.542	0
"2014-07-05	23:00:00"	11.93	162.08	80.174	39.075	0.06889	26.553	0
"2014-07-06	00:00:00"	12.665	166.81	78.387	42.071	0.05299	26.559	0
"2014-07-06	01:00:00"	9.7462	172.12	75.999	47.568	0.05681	26.556	0
"2014-07-06	02:00:00"	9.3734	176.78	74.718	50.664	0.0831	26.545	0
"2014-07-06	03:00:00"	8.6197	181.25	73.256	53.977	0.06147	26.536	0
"2014-07-06	04:00:00"	6.6748	173.88	71.693	57.847	0.07292	26.53	0
"2014-07-06	05:00:00"	6.6201	166.56	70.962	60.482	0.06635	26.524	0
"2014-07-06	06:00:00"	5.0785	162.35	69.396	64.755	0.0566	26.521	0
"2014-07-06	07:00:00"	4.0582	91.041	67.654	70.327	1.0379	26.542	0
"2014-07-06	08:00:00"	4.3123	47.37	66.676	74.487	56.999	26.562	0
"2014-07-06	09:00:00"	4.0066	66.397	69.928	66.293	181.68	26.577	0
"2014-07-06	10:00:00"	5.071	122.69	71.865	63.307	203.39	26.571	0
"2014-07-06	11:00:00"	4.5876	176.22	73.188	61.295	272.5	26.562	0
"2014-07-06	12:00:00"	3.5263	153.21	75.323	57.62	437.29	26.562	0
"2014-07-06	13:00:00"	3.6816	122.79	78.108	53.122	423.29	26.556	0
"2014-07-06	14:00:00"	3.4946	153.75	81.182	46.174	550.54	26.545	0
"2014-07-06	15:00:00"	4.6286	185.96	82.64	42.186	362.4	26.53	0
"2014-07-06	16:00:00"	4.6292	248.39	83.151	41.9	343.52	26.512	0
"2014-07-06	17:00:00"	5.6831	232.31	82.812	42.881	339.27	26.491	0
"2014-07-06	18:00:00"	4.0899	231.78	82.63	41.351	217.25	26.471	0
"2014-07-06	19:00:00"	3.64	258.03	84.285	37.787	325.03	26.468	0
"2014-07-06	20:00:00"	3.2877	298.6	84.058	36.695	173.81	26.468	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-06	21:00:00"	1.6497	272.9	81.02	43.731	34.346	26.471	0
"2014-07-06	22:00:00"	2.4029	339.6	77.751	49.151	0.26943	26.483	0
"2014-07-06	23:00:00"	4.5969	66.398	73.868	58.169	0.0672	26.503	0
"2014-07-07	00:00:00"	4.6479	146.56	73.913	53.829	0.04833	26.518	0
"2014-07-07	01:00:00"	3.8829	159.58	72.846	54.118	0.06338	26.524	0
"2014-07-07	02:00:00"	3.2125	137.03	72.175	54.467	0.08331	26.515	0
"2014-07-07	03:00:00"	3.2137	118.84	70.957	59.183	0.06635	26.506	0
"2014-07-07	04:00:00"	4.6447	132.75	70.084	63.423	0.04579	26.5	0
"2014-07-07	05:00:00"	4.1122	135.91	69.399	66.207	0.07377	26.494	0
"2014-07-07	06:00:00"	2.4992	109.33	69.302	65.916	0.05024	26.494	0
"2014-07-07	07:00:00"	2.7999	66.248	68.797	66.33	4.2254	26.5	0
"2014-07-07	08:00:00"	3.7257	91.099	67.773	71.831	86.214	26.515	0
"2014-07-07	09:00:00"	7.1656	140.78	73.423	59.233	264.06	26.521	0
"2014-07-07	10:00:00"	7.6497	165.23	77.217	49.997	476.29	26.521	0
"2014-07-07	11:00:00"	5.8123	185.76	79.793	44.625	675.12	26.518	0
"2014-07-07	12:00:00"	5.2344	135.9	82.587	37.931	841.77	26.512	0
"2014-07-07	13:00:00"	7.8448	157	84.688	33.841	912.51	26.503	0
"2014-07-07	14:00:00"	8.089	155.3	86.227	30.948	1026.6	26.485	0
"2014-07-07	15:00:00"	7.2241	155.02	87.558	27.423	987	26.474	0
"2014-07-07	16:00:00"	7.2328	148.62	88.664	27.259	882.9	26.459	0
"2014-07-07	17:00:00"	7.8199	160.79	89.466	26.337	859.17	26.438	0
"2014-07-07	18:00:00"	8.7806	159.25	89.925	25.33	692.46	26.42	0
"2014-07-07	19:00:00"	9.0764	161.72	89.589	25.014	423.55	26.409	0
"2014-07-07	20:00:00"	8.8775	152.94	88.745	25.269	235.87	26.406	0
"2014-07-07	21:00:00"	7.9405	140.48	86.079	29.172	60.989	26.42	0
"2014-07-07	22:00:00"	7.7609	140.94	82.633	33.484	0.57955	26.447	0
"2014-07-07	23:00:00"	8.3009	154	80.439	36.395	0.06253	26.468	0
"2014-07-08	00:00:00"	10.875	165.68	79.582	36.56	0.05978	26.485	0
"2014-07-08	01:00:00"	11.088	172.22	77.858	39.96	0.07758	26.5	0
"2014-07-08	02:00:00"	11.093	171.98	75.745	43.718	0.05045	26.485	0
"2014-07-08	03:00:00"	9.7847	175.52	73.842	49.999	0.05299	26.474	0
"2014-07-08	04:00:00"	7.9827	175.72	72.488	54.922	0.05575	26.48	0
"2014-07-08	05:00:00"	5.199	174.8	70.463	60.013	0.0513	26.483	0
"2014-07-08	06:00:00"	4.3838	167.53	68.48	65.239	0.05702	26.477	0
"2014-07-08	07:00:00"	2.9273	219.79	67.455	67.863	1.4044	26.491	0
"2014-07-08	08:00:00"	3.4225	185.51	68	68.102	78.13	26.503	0
"2014-07-08	09:00:00"	8.1586	179.67	72.459	60.281	260.91	26.518	0
"2014-07-08	10:00:00"	8.2089	196.04	75.841	54.256	471.45	26.533	0
"2014-07-08	11:00:00"	7.019	190.05	79.522	47.015	671.12	26.533	0
"2014-07-08	12:00:00"	5.1971	188.34	83.027	39.67	872.12	26.536	0
"2014-07-08	13:00:00"	3.8792	136.95	85.468	35.488	963.72	26.536	0
"2014-07-08	14:00:00"	4.1825	216.93	87.534	32.044	993.68	26.521	0
"2014-07-08	15:00:00"	4.5025	143.67	88.683	30.037	945.24	26.512	0
"2014-07-08	16:00:00"	3.9159	41.706	89.24	30.138	723	26.497	0
"2014-07-08	17:00:00"	6.2081	80.305	90.343	27.063	759.09	26.48	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-08	18:00:00"	8.9912	82.287	90.872	24.595	556.57	26.462	0
"2014-07-08	19:00:00"	8.0244	123.46	91.318	23.114	472.21	26.453	0
"2014-07-08	20:00:00"	10.14	116.66	89.799	25.708	225.52	26.462	0
"2014-07-08	21:00:00"	9.5728	127.24	86.992	30.021	55.902	26.48	0
"2014-07-08	22:00:00"	6.0801	130.91	82.53	36.703	0.24717	26.506	0
"2014-07-08	23:00:00"	7.0091	151.49	81.049	39.835	0.0619	26.53	0
"2014-07-09	00:00:00"	7.7019	163.75	79.747	42.925	0.07822	26.542	0
"2014-07-09	01:00:00"	7.5565	171.74	78.175	46.148	0.05596	26.542	0
"2014-07-09	02:00:00"	7.4036	176.85	76.592	48.83	0.06508	26.542	0
"2014-07-09	03:00:00"	7.1302	176.15	74.676	54.332	0.05702	26.527	0
"2014-07-09	04:00:00"	6.2237	169.8	72.243	60.969	0.05215	26.527	0
"2014-07-09	05:00:00"	6.1286	168.21	71.012	64.198	0.05851	26.524	0
"2014-07-09	06:00:00"	4.4204	156.54	69.583	67.341	0.05596	26.518	0
"2014-07-09	07:00:00"	4.1893	138.73	68.78	69.651	1.3652	26.527	0
"2014-07-09	08:00:00"	3.7972	124.58	69.248	69.777	76.346	26.539	0
"2014-07-09	09:00:00"	6.4859	148.41	73.697	61.627	259.43	26.545	0
"2014-07-09	10:00:00"	7.8926	164.71	77.199	55.032	467.42	26.556	0
"2014-07-09	11:00:00"	7.0532	153.55	80.206	49.637	669.52	26.553	0
"2014-07-09	12:00:00"	8.1592	140.27	83.09	42.534	834.84	26.547	0
"2014-07-09	13:00:00"	9.4057	122.45	85.801	35.492	948.78	26.536	0
"2014-07-09	14:00:00"	11.077	128.61	87.926	31.533	1001.7	26.518	0
"2014-07-09	15:00:00"	11.188	141.5	88.592	30.994	901.64	26.509	0
"2014-07-09	16:00:00"	11.408	148.3	89.426	30.37	982.68	26.488	0
"2014-07-09	17:00:00"	11.462	148.28	89.48	30.486	766.22	26.474	0
"2014-07-09	18:00:00"	11.481	148.19	89.728	29.368	629.44	26.453	0
"2014-07-09	19:00:00"	12.071	139.16	88.993	30.383	432.78	26.441	0
"2014-07-09	20:00:00"	11.64	147.96	87.268	32.639	164.33	26.456	0
"2014-07-09	21:00:00"	11.043	160.33	85.12	35.997	44.187	26.474	0
"2014-07-09	22:00:00"	7.9051	151.86	81.946	40.526	0.25077	26.494	0
"2014-07-09	23:00:00"	6.5281	157.09	79.32	44.952	0.05575	26.512	0
"2014-07-10	00:00:00"	5.5998	168.04	76.944	50.137	0.05384	26.515	0
"2014-07-10	01:00:00"	6.0571	165.1	75.286	52.834	0.04897	26.518	0
"2014-07-10	02:00:00"	6.6213	167.05	74.75	56.214	0.0761	26.509	0
"2014-07-10	03:00:00"	4.984	164.9	72.744	62.119	0.0761	26.5	0
"2014-07-10	04:00:00"	4.4782	148.4	70.607	64.303	0.06614	26.485	0
"2014-07-10	05:00:00"	5.3954	138.64	69.773	62.441	0.07292	26.48	0
"2014-07-10	06:00:00"	5.8546	125.53	67.838	64.043	0.06338	26.48	0
"2014-07-10	07:00:00"	6.8183	144.42	67.494	63.533	1.178	26.485	0
"2014-07-10	08:00:00"	6.1087	137.4	67.528	66.195	76.01	26.503	0
"2014-07-10	09:00:00"	8.6165	153.41	71.791	59.761	257.61	26.524	0
"2014-07-10	10:00:00"	11.348	171.28	75.226	53.604	436.69	26.527	0
"2014-07-10	11:00:00"	11.27	174.16	78.103	46.862	589.22	26.533	0
"2014-07-10	12:00:00"	10.443	163.63	80.142	41.959	718.07	26.527	0
"2014-07-10	13:00:00"	10.917	155.23	83.638	35.829	956.9	26.515	0
"2014-07-10	14:00:00"	10.95	155.25	85.819	32.812	1009.8	26.497	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-10	15:00:00"	12.256	146.89	87.228	30.716	1003	26.477	0
"2014-07-10	16:00:00"	13.391	162.45	88.273	28.19	940.94	26.456	0
"2014-07-10	17:00:00"	13.927	163.01	88.607	26.191	820.03	26.444	0
"2014-07-10	18:00:00"	12.459	154.55	88.733	26.049	651.07	26.429	0
"2014-07-10	19:00:00"	11.286	158.83	88.463	27.252	459.35	26.429	0
"2014-07-10	20:00:00"	10.801	161.4	87.193	28.797	245.62	26.441	0
"2014-07-10	21:00:00"	9.6362	162.68	84.641	32.204	62.051	26.456	0
"2014-07-10	22:00:00"	8.6476	158.03	81.18	37.105	0.34086	26.48	0
"2014-07-10	23:00:00"	7.5111	154.54	78.556	40.983	0.0407	26.509	0
"2014-07-11	00:00:00"	6.7611	155.92	75.745	46.477	0.04812	26.524	0
"2014-07-11	01:00:00"	8.8583	171.73	75.066	51.451	0.05702	26.533	0
"2014-07-11	02:00:00"	11.948	177.88	73.399	57.865	0.07144	26.53	0
"2014-07-11	03:00:00"	8.1151	178.29	70.929	59.627	0.06911	26.527	0
"2014-07-11	04:00:00"	8.2586	178.85	69.346	65.397	0.07546	26.521	0
"2014-07-11	05:00:00"	6.6288	174.69	67.721	71.029	0.05851	26.521	0
"2014-07-11	06:00:00"	5.9707	160.5	66.475	75.142	0.07059	26.524	0
"2014-07-11	07:00:00"	3.9998	129.48	64.29	80.525	1.4588	26.527	0
"2014-07-11	08:00:00"	3.0099	88.917	64.897	79.598	79.275	26.547	0
"2014-07-11	09:00:00"	8.2332	142.76	69.058	70.936	261.2	26.562	0
"2014-07-11	10:00:00"	11.179	154.27	71.449	66.739	480.18	26.574	0
"2014-07-11	11:00:00"	10.414	160.39	73.494	62.556	637.54	26.571	0
"2014-07-11	12:00:00"	10.658	156.16	76.012	56.939	852.59	26.574	0
"2014-07-11	13:00:00"	10.611	149.02	78.594	50.256	983.03	26.565	0
"2014-07-11	14:00:00"	10.758	154.31	80.118	46.479	848.22	26.553	0
"2014-07-11	15:00:00"	10.706	159.09	81.699	43.55	781.43	26.536	0
"2014-07-11	16:00:00"	10.858	153.27	83.386	40.979	835.16	26.524	0
"2014-07-11	17:00:00"	10.867	147.34	84.405	39.615	791.4	26.509	0
"2014-07-11	18:00:00"	11.84	141.74	84.158	39.443	523.68	26.503	0
"2014-07-11	19:00:00"	14.518	134.92	82.556	42.285	325.65	26.494	0
"2014-07-11	20:00:00"	13.915	139.45	81.229	44.867	251.81	26.5	0
"2014-07-11	21:00:00"	13.624	141.41	79.025	50.161	64.796	26.521	0
"2014-07-11	22:00:00"	13.072	147.87	76.402	56.919	0.3468	26.553	0
"2014-07-11	23:00:00"	12.522	151.51	73.518	64.233	0.06063	26.583	0
"2014-07-12	00:00:00"	6.712	147.22	71.352	69.529	0.085	26.598	0
"2014-07-12	01:00:00"	7.4358	144.24	71.214	68.631	0.0723	26.607	0
"2014-07-12	02:00:00"	8.1859	140.45	70.806	72.551	0.0761	26.589	0
"2014-07-12	03:00:00"	7.1849	124.35	69.617	75.165	0.0672	26.574	0
"2014-07-12	04:00:00"	8.4196	134.78	69.302	72.138	0.05681	26.571	0
"2014-07-12	05:00:00"	7.9411	129.16	68.384	74.939	0.07462	26.565	0
"2014-07-12	06:00:00"	9.095	138.36	68.214	74.796	0.0708	26.571	0
"2014-07-12	07:00:00"	5.8241	122.8	67.437	77.132	0.91003	26.586	0
"2014-07-12	08:00:00"	7.3974	154.06	68.738	76.941	42.349	26.595	0
"2014-07-12	09:00:00"	11.45	161.8	70.59	74.314	189.25	26.598	0
"2014-07-12	10:00:00"	13.125	166.48	72.74	69.653	356.13	26.609	0
"2014-07-12	11:00:00"	11.97	166.12	75.536	63.418	650.5	26.604	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-12	12:00:00"	11.193	175.31	78.345	56.763	756.22	26.609	0
"2014-07-12	13:00:00"	10.449	165.81	81.391	50.38	971.69	26.601	0
"2014-07-12	14:00:00"	8.2934	172.8	83.391	45.601	936.6	26.586	0
"2014-07-12	15:00:00"	7.9492	154.17	85.15	42.019	877.61	26.568	0
"2014-07-12	16:00:00"	8.2108	175.44	87.251	37.469	882.37	26.553	0
"2014-07-12	17:00:00"	10.195	154.48	88.554	34.171	832.21	26.527	0
"2014-07-12	18:00:00"	10.144	158.38	88.662	34.309	505.48	26.521	0
"2014-07-12	19:00:00"	11.943	158.56	88.319	34.283	374.37	26.524	0
"2014-07-12	20:00:00"	13.543	169.48	86.658	36.465	189.46	26.527	0
"2014-07-12	21:00:00"	11.946	176.85	83.694	40.008	9.7557	26.53	0
"2014-07-12	22:00:00"	10.232	165.62	81.125	44.336	0.25607	26.545	0
"2014-07-12	23:00:00"	10.693	164.23	79.213	49.467	0.07165	26.565	0
"2014-07-13	00:00:00"	10.022	170.13	77.41	52.15	0.06826	26.583	0
"2014-07-13	01:00:00"	9.0217	171.03	75.615	54.861	0.0672	26.592	0
"2014-07-13	02:00:00"	6.9395	162.7	73.957	57.813	0.06508	26.598	0
"2014-07-13	03:00:00"	4.577	151.85	71.63	62.361	0.04982	26.598	0
"2014-07-13	04:00:00"	3.7369	90.939	69.633	66.449	0.0566	26.604	0
"2014-07-13	05:00:00"	4.7485	54.291	66.942	71.423	0.05003	26.592	0
"2014-07-13	06:00:00"	5.355	86.77	65.751	74.118	0.06211	26.583	0
"2014-07-13	07:00:00"	5.7185	94.642	66.115	75.441	1.1778	26.589	0
"2014-07-13	08:00:00"	6.1118	70.532	65.823	76.562	69.139	26.607	0
"2014-07-13	09:00:00"	7.2247	119.91	71.279	65.955	251.42	26.621	0
"2014-07-13	10:00:00"	8.9316	162.75	75.335	57.943	464.47	26.621	0
"2014-07-13	11:00:00"	8.2158	163.51	78.751	50.764	664.21	26.618	0
"2014-07-13	12:00:00"	7.4639	151.95	81.955	42.658	831.52	26.618	0
"2014-07-13	13:00:00"	7.38	137.97	84.579	37.137	948	26.607	0
"2014-07-13	14:00:00"	8.6774	161.5	86.864	33.543	1004.6	26.589	0
"2014-07-13	15:00:00"	8.276	144.99	88.766	30.849	986.24	26.574	0
"2014-07-13	16:00:00"	9.0509	157.41	90.176	28.308	916.68	26.556	0
"2014-07-13	17:00:00"	9.3131	151.07	90.726	27.247	702.18	26.533	0
"2014-07-13	18:00:00"	9.7692	146.07	91.219	26.791	595.47	26.521	0
"2014-07-13	19:00:00"	8.6389	160.92	90.654	27.647	369.62	26.515	0
"2014-07-13	20:00:00"	9.6244	145.39	90.135	28.999	269.14	26.515	0
"2014-07-13	21:00:00"	8.2425	146.57	87.445	31.996	59.043	26.524	0
"2014-07-13	22:00:00"	5.4866	147.18	82.882	37.041	0.28872	26.524	0
"2014-07-13	23:00:00"	4.1309	141.2	78.94	42.912	0.06211	26.545	0
"2014-07-14	00:00:00"	3.3622	150.43	77.077	46.532	0.05278	26.571	0
"2014-07-14	01:00:00"	3.8214	160.98	76.093	48.33	0.04388	26.574	0
"2014-07-14	02:00:00"	5.6104	167.99	74.016	53.389	0.06847	26.571	0
"2014-07-14	03:00:00"	5.2201	175.02	72.707	56.514	0.05109	26.568	0
"2014-07-14	04:00:00"	4.3322	182.9	70.767	60.091	0.07144	26.559	0
"2014-07-14	05:00:00"	4.4024	170.25	69.192	63.252	0.05808	26.556	0
"2014-07-14	06:00:00"	4.9411	171.25	68.949	64.019	0.05427	26.556	0
"2014-07-14	07:00:00"	3.4343	228.9	68.695	65.116	0.74702	26.568	0
"2014-07-14	08:00:00"	2.1779	310.83	69.379	65.026	57.365	26.577	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-14	09:00:00"	2.3009	309.21	73.771	58.671	236.87	26.598	0
"2014-07-14	10:00:00"	2.1916	106.09	78.322	49.022	428.16	26.592	0
"2014-07-14	11:00:00"	4.5167	173.91	81.147	42.022	661.38	26.592	0
"2014-07-14	12:00:00"	2.6669	142.05	84.519	35.132	829.25	26.583	0
"2014-07-14	13:00:00"	4.5286	134.08	88.05	29.392	945.87	26.565	0
"2014-07-14	14:00:00"	6.8369	107.8	90.643	25.677	963.89	26.545	0
"2014-07-14	15:00:00"	7.6975	102.29	92.058	24.119	991.89	26.518	0
"2014-07-14	16:00:00"	8.3935	102.59	92.851	23.158	834.27	26.503	0
"2014-07-14	17:00:00"	7.4074	127.53	92.468	23.163	552.07	26.494	0
"2014-07-14	18:00:00"	6.927	123.45	93.465	21.435	629.31	26.485	0
"2014-07-14	19:00:00"	7.7578	78.264	91.901	23.821	266.74	26.48	0
"2014-07-14	20:00:00"	11.897	38.263	89.278	29.179	242.25	26.468	0
"2014-07-14	21:00:00"	7.0103	52.985	87.431	29.453	43.993	26.485	0
"2014-07-14	22:00:00"	5.9123	61.978	84.46	31.696	0.18167	26.509	0
"2014-07-14	23:00:00"	5.6166	64.281	82.352	34.072	0.06529	26.527	0
"2014-07-15	00:00:00"	13.548	78.538	80.848	39.439	0.05872	26.55	0
"2014-07-15	01:00:00"	20.122	44.267	75.657	54.093	0.04642	26.601	0
"2014-07-15	02:00:00"	19.179	28.921	70.239	65.182	0.06741	26.607	0
"2014-07-15	03:00:00"	16.154	38.918	69.455	65.86	0.06084	26.612	0
"2014-07-15	04:00:00"	14.037	41.413	69.692	67.588	0.09666	26.595	0
"2014-07-15	05:00:00"	9.3821	47.285	70.112	65.985	0.05935	26.607	0
"2014-07-15	06:00:00"	8.2773	34.694	70.331	65.387	0.06571	26.607	0
"2014-07-15	07:00:00"	9.3429	48.703	68.225	77.186	0.06529	26.607	0.03
"2014-07-15	08:00:00"	12.109	59.108	65.267	88.186	0.545	26.609	0.14
"2014-07-15	09:00:00"	8.9695	48.134	65.291	88.948	5.4239	26.627	0.14
"2014-07-15	10:00:00"	8.3705	75.862	65.294	89.827	29.469	26.624	0.06
"2014-07-15	11:00:00"	7.6571	76.676	66.62	86.439	273.13	26.621	0.01
"2014-07-15	12:00:00"	5.1903	43.022	70.677	75.984	443.2	26.621	0
"2014-07-15	13:00:00"	5.1394	46.326	73.401	68.962	611.9	26.607	0
"2014-07-15	14:00:00"	5.9869	59.396	75.624	62.624	651.46	26.595	0
"2014-07-15	15:00:00"	5.3823	91.536	79.001	53.649	1039.2	26.574	0
"2014-07-15	16:00:00"	4.8187	99.326	81.177	47.704	1022.7	26.547	0
"2014-07-15	17:00:00"	5.3177	80.531	82.251	45.151	798.32	26.527	0
"2014-07-15	18:00:00"	6.9848	88.575	82.453	46.822	451.43	26.5	0
"2014-07-15	19:00:00"	8.9049	93.343	82.949	45.986	412.82	26.48	0
"2014-07-15	20:00:00"	8.0107	101.01	82.868	43.966	248.44	26.48	0
"2014-07-15	21:00:00"	12.334	102.43	80.537	49.631	52.565	26.488	0
"2014-07-15	22:00:00"	10.021	113.03	78.259	54.281	0.19036	26.524	0
"2014-07-15	23:00:00"	12.887	121.17	75.602	60.549	0.04897	26.536	0
"2014-07-16	00:00:00"	10.392	118.29	73.388	67.778	0.04706	26.521	0
"2014-07-16	01:00:00"	10.134	135.31	72.246	70.202	0.06363	26.515	0
"2014-07-16	02:00:00"	7.9293	133.05	70.987	73.602	0.04876	26.518	0
"2014-07-16	03:00:00"	3.6089	136.12	70.138	77.372	0.06423	26.524	0
"2014-07-16	04:00:00"	2.1928	128.13	69.464	80.608	0.05109	26.509	0
"2014-07-16	05:00:00"	3.2286	115	68.593	83.632	0.09094	26.506	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-16	06:00:00"	1.7809	169.29	68.499	82.444	0.07144	26.497	0
"2014-07-16	07:00:00"	2.6564	169.85	68.188	83.653	0.27324	26.503	0
"2014-07-16	08:00:00"	3.2212	196.53	68.054	82.737	28.842	26.503	0
"2014-07-16	09:00:00"	2.5862	215.87	69.315	79.319	103.47	26.506	0
"2014-07-16	10:00:00"	4.8287	200.36	71.079	73.302	261.81	26.494	0
"2014-07-16	11:00:00"	3.3219	217.09	74.02	64.633	499.11	26.471	0
"2014-07-16	12:00:00"	4.5714	189.61	77.104	55.738	750.95	26.468	0
"2014-07-16	13:00:00"	4.1278	170.52	80.5	47.164	940.7	26.459	0
"2014-07-16	14:00:00"	4.8473	227.86	82.414	43.409	972.46	26.447	0
"2014-07-16	15:00:00"	5.8651	166.1	84.58	37.373	1017	26.426	0
"2014-07-16	16:00:00"	6.3479	182.47	86.754	32.154	951.66	26.394	0
"2014-07-16	17:00:00"	5.9409	195.1	88.199	31.801	793.46	26.361	0
"2014-07-16	18:00:00"	4.8666	200.99	88.699	31.304	396.41	26.347	0
"2014-07-16	19:00:00"	6.4169	205.32	88.138	32.573	257.78	26.332	0
"2014-07-16	20:00:00"	4.1613	178.95	87.375	34.309	121.01	26.332	0
"2014-07-16	21:00:00"	4.6286	139.66	85.929	37.124	44.681	26.341	0
"2014-07-16	22:00:00"	12.327	183.71	81.057	49.007	0.09369	26.344	0
"2014-07-16	23:00:00"	8.5339	181.75	77.631	57.52	0.04091	26.364	0
"2014-07-17	00:00:00"	6.1777	174.19	75.574	61.318	0.04494	26.385	0
"2014-07-17	01:00:00"	4.9355	169.08	74.524	65.301	0.06447	26.376	0
"2014-07-17	02:00:00"	4.2036	138.94	73.596	68.287	0.0655	26.358	0
"2014-07-17	03:00:00"	5.5066	148.99	73.328	69.969	0.05596	26.358	0
"2014-07-17	04:00:00"	6.4287	146.38	72.621	73.604	0.07292	26.358	0
"2014-07-17	05:00:00"	6.9333	175.13	72.332	69.197	0.06232	26.35	0
"2014-07-17	06:00:00"	6.2696	163.31	71.09	69.805	0.04579	26.35	0
"2014-07-17	07:00:00"	4.1638	135.69	70.3	73.66	0.08267	26.358	0
"2014-07-17	08:00:00"	3.6282	53.537	69.991	77.621	10.275	26.379	0.04
"2014-07-17	09:00:00"	8.3487	53.523	68.744	87.291	50.812	26.394	0
"2014-07-17	10:00:00"	9.0478	67.19	69.03	85.961	190.84	26.418	0
"2014-07-17	11:00:00"	10.046	75.233	69.967	84.164	258.88	26.415	0
"2014-07-17	12:00:00"	7.5509	74.713	73.098	74.487	477.64	26.429	0
"2014-07-17	13:00:00"	7.9846	41.696	73.707	73.034	174.91	26.429	0
"2014-07-17	14:00:00"	9.4492	61.239	73.792	72.92	410.55	26.423	0
"2014-07-17	15:00:00"	10.182	45.213	76.862	63.849	572.98	26.423	0
"2014-07-17	16:00:00"	12.678	61.032	78.581	59.2	882.19	26.412	0
"2014-07-17	17:00:00"	11.162	69.734	79.954	55.564	779.63	26.406	0
"2014-07-17	18:00:00"	10.57	65.71	80.654	52.671	626.18	26.397	0
"2014-07-17	19:00:00"	13.48	73.5	78.969	55.934	382.87	26.415	0
"2014-07-17	20:00:00"	12.287	76.624	76.541	60.338	91.598	26.418	0
"2014-07-17	21:00:00"	13.31	74.903	72.876	67.952	29.581	26.441	0
"2014-07-17	22:00:00"	11.556	72.263	70.881	71.549	0.08946	26.459	0
"2014-07-17	23:00:00"	9.484	77.264	69.519	74.507	0.05427	26.497	0
"2014-07-18	00:00:00"	7.0793	71.818	68.551	77.203	0.06147	26.512	0
"2014-07-18	01:00:00"	8.6181	79.626	67.744	77.971	0.06617	26.509	0
"2014-07-18	02:00:00"	9.333	81.819	66.908	78.78	0.06169	26.497	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-18	03:00:00"	6.9718	69.331	66.648	79.29	0.05003	26.497	0
"2014-07-18	04:00:00"	5.5526	53.584	65.71	82.843	0.05766	26.491	0
"2014-07-18	05:00:00"	4.5329	70.237	64.715	86.511	0.05893	26.5	0
"2014-07-18	06:00:00"	6.8419	66.847	64.069	87.023	0.0797	26.515	0
"2014-07-18	07:00:00"	7.7491	83.909	64.502	85.824	0.4265	26.536	0
"2014-07-18	08:00:00"	8.7582	87.069	64.232	85.096	9.5552	26.542	0
"2014-07-18	09:00:00"	8.8483	88.557	64.812	82.604	43.912	26.556	0
"2014-07-18	10:00:00"	8.88	96.823	65.801	78.271	107.87	26.556	0
"2014-07-18	11:00:00"	8.6812	95.268	66.757	76.042	205.31	26.55	0
"2014-07-18	12:00:00"	6.5983	100.36	70.275	67.605	631.88	26.539	0
"2014-07-18	13:00:00"	4.2502	126.73	73.721	60.892	721.08	26.527	0
"2014-07-18	14:00:00"	6.2125	187.55	77.052	56.905	873.02	26.512	0
"2014-07-18	15:00:00"	5.9838	209.45	79.378	53.665	964.23	26.491	0
"2014-07-18	16:00:00"	5.7427	182.47	81.621	50.111	833.7	26.471	0
"2014-07-18	17:00:00"	6.3119	164.02	83.42	46.48	734.14	26.453	0
"2014-07-18	18:00:00"	6.9003	167.97	84.551	44.66	626.92	26.438	0
"2014-07-18	19:00:00"	6.9009	155.49	84.781	42.51	424.05	26.426	0
"2014-07-18	20:00:00"	6.9159	171.59	84.764	43.358	227.48	26.435	0
"2014-07-18	21:00:00"	7.5975	164.55	83.154	46.041	51.079	26.453	0
"2014-07-18	22:00:00"	8.0064	146.11	80.386	51.333	0.29486	26.459	0
"2014-07-18	23:00:00"	6.7369	136.98	77.838	57.218	0.0496	26.465	0
"2014-07-19	00:00:00"	8.1002	144.38	76.056	62.579	0.05448	26.471	0
"2014-07-19	01:00:00"	7.6913	141.06	74.3	68.101	0.05151	26.477	0
"2014-07-19	02:00:00"	7.4968	135.02	72.662	72.292	0.07695	26.48	0
"2014-07-19	03:00:00"	9.1627	135.59	71.516	75.225	0.06211	26.471	0
"2014-07-19	04:00:00"	7.7541	134.35	70.077	78.656	0.06296	26.48	0
"2014-07-19	05:00:00"	7.344	104.01	68.556	82.302	0.07398	26.485	0
"2014-07-19	06:00:00"	7.9759	112.28	67.633	85.685	0.04536	26.494	0
"2014-07-19	07:00:00"	7.7796	143.35	67.931	87.972	0.47059	26.491	0
"2014-07-19	08:00:00"	8.9154	161.87	69.025	86.672	18.956	26.5	0
"2014-07-19	09:00:00"	11.095	164.12	70.641	83.909	92.005	26.503	0
"2014-07-19	10:00:00"	10.926	173.29	73.366	77.711	305.76	26.518	0
"2014-07-19	11:00:00"	10.087	179.31	76.446	70.118	559.08	26.515	0
"2014-07-19	12:00:00"	7.8411	165.59	80.091	61.657	800.36	26.503	0
"2014-07-19	13:00:00"	9.241	166.24	83.669	53.866	916.74	26.485	0
"2014-07-19	14:00:00"	9.2398	156.5	86.52	47.712	969.23	26.474	0
"2014-07-19	15:00:00"	8.5824	160.8	89.393	41.46	966.55	26.459	0
"2014-07-19	16:00:00"	8.5059	161.42	91.359	37.52	909.73	26.444	0
"2014-07-19	17:00:00"	7.0041	165.3	92.87	34.044	800.76	26.426	0
"2014-07-19	18:00:00"	8.7501	163.97	93.08	33.724	627.45	26.415	0
"2014-07-19	19:00:00"	8.5544	159.77	92.938	33.224	427.17	26.412	0
"2014-07-19	20:00:00"	8.8396	143.84	92.277	33.97	219.61	26.412	0
"2014-07-19	21:00:00"	11.612	155.26	88.987	39.389	51.704	26.438	0
"2014-07-19	22:00:00"	9.7008	144.51	86.02	43.788	0.41696	26.441	0
"2014-07-19	23:00:00"	9.3181	160.17	83.813	49.087	0.0496	26.471	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-20	00:00:00"	9.0472	157.93	81.461	54.361	0.05278	26.483	0
"2014-07-20	01:00:00"	5.3556	156.21	79.416	57.457	0.06317	26.509	0
"2014-07-20	02:00:00"	6.1249	153.32	78.018	59.515	0.05193	26.503	0
"2014-07-20	03:00:00"	5.8589	209.29	76.888	62.701	0.06635	26.524	0
"2014-07-20	04:00:00"	5.2643	252.39	75.853	64.442	0.06826	26.491	0
"2014-07-20	05:00:00"	7.4304	220.85	73.842	66.336	0.06995	26.426	0
"2014-07-20	06:00:00"	9.5405	176.95	74.649	66.998	0.0708	26.429	0
"2014-06-01	00:00:00"	12.087	114.17	80.153	41.539	0.06911	26.409	0
"2014-06-01	01:00:00"	9.8232	119.12	77.931	46.459	0.06253	26.412	0
"2014-06-01	02:00:00"	9.2274	124.17	76.14	50.917	0.05342	26.409	0
"2014-06-01	03:00:00"	9.2951	129.5	74.875	52.883	0.05575	26.403	0
"2014-06-01	04:00:00"	8.0573	130.07	73.08	55.142	0.07631	26.397	0
"2014-06-01	05:00:00"	7.6627	124.25	71.459	58.201	0.0655	26.388	0
"2014-06-01	06:00:00"	6.694	124.84	69.728	61.617	0.05617	26.388	0
"2014-06-01	07:00:00"	6.9333	128.01	68.758	64.065	3.2872	26.394	0
"2014-06-01	08:00:00"	5.9372	132.77	69.223	64.651	95.744	26.403	0
"2014-06-01	09:00:00"	12.001	155.8	74.058	59.417	286.96	26.412	0
"2014-06-01	10:00:00"	14.671	160.49	78.49	50.114	505.58	26.412	0
"2014-06-01	11:00:00"	13.587	168.1	82.568	42.199	699.25	26.406	0
"2014-06-01	12:00:00"	13.786	171.81	87.656	33.356	872.94	26.394	0
"2014-06-01	13:00:00"	12.739	187.65	91.598	25.122	985.11	26.391	0
"2014-06-01	14:00:00"	11.223	199.5	93.89	22.009	1033.3	26.367	0
"2014-06-01	15:00:00"	10.675	176.49	95.958	19.532	1019.5	26.344	0
"2014-06-01	16:00:00"	9.9612	190.76	98.102	17.665	945.89	26.323	0
"2014-06-01	17:00:00"	11.65	172.65	99.229	16.9	820.45	26.291	0
"2014-06-01	18:00:00"	10.156	184.57	100.63	14.363	676.07	26.27	0
"2014-06-01	19:00:00"	13.726	170.81	99.128	16.172	332.06	26.264	0
"2014-06-01	20:00:00"	17.53	149.28	95.308	20.716	128.16	26.27	0
"2014-06-01	21:00:00"	15.771	152.03	92.247	23.937	37.234	26.282	0
"2014-06-01	22:00:00"	14.085	154.67	88.314	29.322	0.1787	26.296	0
"2014-06-01	23:00:00"	15.13	158.74	85.356	34.124	0.05766	26.314	0
"2014-06-02	00:00:00"	15.408	160.1	82.867	37.556	0.05957	26.314	0
"2014-06-02	01:00:00"	12.927	168.26	80.4	41.951	0.04685	26.311	0
"2014-06-02	02:00:00"	12.23	169.73	78.231	45.94	0.04727	26.305	0
"2014-06-02	03:00:00"	11.064	169.4	76.244	50.5	0.07801	26.305	0
"2014-06-02	04:00:00"	8.547	171.02	74.338	54.896	0.07165	26.308	0
"2014-06-02	05:00:00"	7.6485	174.87	72.304	60.591	0.06169	26.314	0
"2014-06-02	06:00:00"	6.0273	194.05	70.133	66.239	0.06147	26.308	0
"2014-06-02	07:00:00"	4.9026	205.38	67.736	71.677	3.7957	26.329	0
"2014-06-02	08:00:00"	4.2881	220.56	67.57	73.13	103.51	26.353	0
"2014-06-02	09:00:00"	9.0931	203.31	72.259	64.148	303.65	26.373	0
"2014-06-02	10:00:00"	8.24	211.83	76.703	53.987	529.21	26.382	0
"2014-06-02	11:00:00"	6.2901	254.28	82.044	40.128	733.31	26.394	0
"2014-06-02	12:00:00"	5.3705	285.5	88.094	27.366	899.91	26.391	0
"2014-06-02	13:00:00"	9.3355	338.24	93.086	20.963	1000.1	26.397	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-02	14:00:00"	11.434	2.0708	94.525	22.083	1029.7	26.385	0
"2014-06-02	15:00:00"	11.479	5.4371	96.589	20.586	1043.2	26.37	0
"2014-06-02	16:00:00"	8.1909	30.138	98.294	16.364	968.11	26.358	0
"2014-06-02	17:00:00"	6.8525	44.474	99.449	13.035	833.29	26.353	0
"2014-06-02	18:00:00"	6.4529	358.23	100.26	12.561	629.43	26.344	0
"2014-06-02	19:00:00"	7.6292	55.948	99.18	15.154	444.7	26.344	0
"2014-06-02	20:00:00"	7.2738	28.328	98.241	15.545	228.44	26.358	0
"2014-06-02	21:00:00"	9.0496	60.878	94.543	21.998	49.537	26.376	0
"2014-06-02	22:00:00"	10.261	68.001	89.477	31.958	0.10959	26.388	0
"2014-06-02	23:00:00"	12.334	111.51	87.087	37.874	0.06571	26.42	0
"2014-06-03	00:00:00"	12.895	126.52	83.967	40.867	0.08076	26.435	0
"2014-06-03	01:00:00"	12.67	130.09	80.86	44.8	0.06465	26.429	0
"2014-06-03	02:00:00"	11.124	126.34	78.1	47.513	0.04982	26.429	0
"2014-06-03	03:00:00"	9.3802	130.1	75.626	51.578	0.05787	26.432	0
"2014-06-03	04:00:00"	6.7798	128.9	73.281	56.328	0.05384	26.429	0
"2014-06-03	05:00:00"	5.4196	123.32	70.997	61.295	0.05088	26.432	0
"2014-06-03	06:00:00"	5.368	111.96	69.043	65.831	0.08013	26.438	0
"2014-06-03	07:00:00"	6.1833	102.09	67.806	68.991	4.7149	26.444	0
"2014-06-03	08:00:00"	7.8554	104.73	68.296	69.996	107.08	26.453	0
"2014-06-03	09:00:00"	11.092	137.69	71.722	67.351	285.31	26.468	0
"2014-06-03	10:00:00"	10.505	146.91	75.585	60.423	530.56	26.474	0
"2014-06-03	11:00:00"	10.015	145.29	79.887	52.217	721.28	26.468	0
"2014-06-03	12:00:00"	10.496	128.59	84.323	43.691	896.75	26.468	0
"2014-06-03	13:00:00"	11.568	138.03	87.664	36.708	1006.3	26.45	0
"2014-06-03	14:00:00"	10.758	130.78	90.485	31.658	1056.2	26.429	0
"2014-06-03	15:00:00"	10.238	149.16	93.267	26.063	1042.8	26.409	0
"2014-06-03	16:00:00"	11.492	152.09	94.912	23.216	963.86	26.391	0
"2014-06-03	17:00:00"	11.817	146.9	96.375	20.389	832.7	26.373	0
"2014-06-03	18:00:00"	12.749	151.75	96.333	20.346	650.52	26.361	0
"2014-06-03	19:00:00"	12.206	152.61	95.424	22.096	435.75	26.358	0
"2014-06-03	20:00:00"	13.18	150.49	93.229	24.484	230.84	26.358	0
"2014-06-03	21:00:00"	15.403	134.85	88.693	32.509	38.55	26.353	0
"2014-06-03	22:00:00"	14.555	138.4	84.103	39.709	0.14033	26.361	0
"2014-06-03	23:00:00"	13.695	150.38	80.87	43.671	0.06699	26.379	0
"2014-06-04	00:00:00"	15.15	160.22	78.053	47.976	0.04642	26.373	0
"2014-06-04	01:00:00"	13.663	162.67	75.972	52.94	0.05236	26.364	0
"2014-06-04	02:00:00"	13.958	167.53	74.546	57.769	0.05999	26.361	0
"2014-06-04	03:00:00"	12.879	172.81	73.355	60.667	0.05596	26.35	0
"2014-06-04	04:00:00"	10.451	170.71	72.146	62.608	0.06169	26.338	0
"2014-06-04	05:00:00"	10.353	168.33	70.966	65.003	0.0566	26.326	0
"2014-06-04	06:00:00"	7.8212	175.61	69.782	67.137	0.06911	26.338	0
"2014-06-04	07:00:00"	3.1678	206.3	67.566	71.451	1.9118	26.347	0
"2014-06-04	08:00:00"	4.6833	188.1	67.634	71.664	102.26	26.344	0
"2014-06-04	09:00:00"	10.98	179.18	72.583	62.054	298.61	26.356	0
"2014-06-04	10:00:00"	9.2441	185.02	77.52	52.441	518.28	26.364	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-04	11:00:00"	8.2077	197.07	83.166	41.874	723.79	26.358	0
"2014-06-04	12:00:00"	8.0499	208.09	89.012	32.58	892.5	26.35	0
"2014-06-04	13:00:00"	8.1716	210.44	93.89	25.527	1003.1	26.341	0
"2014-06-04	14:00:00"	7.8224	212.88	97.277	20.807	1052.4	26.323	0
"2014-06-04	15:00:00"	6.0677	213.24	99.854	16.696	1043	26.305	0
"2014-06-04	16:00:00"	6.0956	206.94	102.15	13.969	940.99	26.285	0
"2014-06-04	17:00:00"	8.1542	167.85	103.23	13.593	833.14	26.264	0
"2014-06-04	18:00:00"	9.9488	171.25	103.4	13.282	654.75	26.246	0
"2014-06-04	19:00:00"	12.766	165.54	102.13	14.779	447.42	26.246	0
"2014-06-04	20:00:00"	15.229	166.98	99.69	16.621	234.95	26.255	0
"2014-06-04	21:00:00"	16.654	152.61	94.758	19.495	55.835	26.264	0
"2014-06-04	22:00:00"	14.868	152.56	89.685	24.203	0.16238	26.279	0
"2014-06-04	23:00:00"	12.362	148.33	85.575	28.645	0.05405	26.296	0
"2014-06-05	00:00:00"	12.039	166.08	82.359	34.278	0.05575	26.308	0
"2014-06-05	01:00:00"	13.837	165.93	79.826	40.878	0.04409	26.302	0
"2014-06-05	02:00:00"	12.84	174.73	77.333	47.57	0.06359	26.305	0
"2014-06-05	03:00:00"	11.134	175.64	75.559	51.599	0.05978	26.296	0
"2014-06-05	04:00:00"	9.9332	176.14	73.83	54.224	0.05999	26.291	0
"2014-06-05	05:00:00"	7.5055	180.97	71.944	57.693	0.05787	26.285	0
"2014-06-05	06:00:00"	4.7964	204.83	69.385	62.574	0.0761	26.279	0
"2014-06-05	07:00:00"	6.6835	174.52	68.362	65.819	4.3793	26.282	0
"2014-06-05	08:00:00"	6.5561	194.73	68.687	66.253	104.61	26.288	0
"2014-06-05	09:00:00"	10.29	183.82	74.138	56.234	301.21	26.305	0
"2014-06-05	10:00:00"	9.0882	188.26	78.536	47.711	521.23	26.314	0
"2014-06-05	11:00:00"	7.101	195.27	83.244	39.195	726.27	26.308	0
"2014-06-05	12:00:00"	4.5807	236.66	88.672	29.854	890.09	26.314	0
"2014-06-05	13:00:00"	4.0892	15.96	93.273	23.226	999.97	26.302	0
"2014-06-05	14:00:00"	8.0032	40.469	97.373	17.763	1049.9	26.291	0
"2014-06-05	15:00:00"	7.3291	64.415	100.15	14.964	1035.4	26.27	0
"2014-06-05	16:00:00"	7.7243	69.103	101.63	13.993	958.81	26.261	0
"2014-06-05	17:00:00"	6.8786	71.698	102.3	13.821	824.41	26.234	0
"2014-06-05	18:00:00"	6.7344	133.09	103.48	12.075	624.18	26.22	0
"2014-06-05	19:00:00"	9.5225	143.31	101.64	13.202	215.2	26.217	0
"2014-06-05	20:00:00"	17.689	146.75	97.726	17.654	81.234	26.217	0
"2014-06-05	21:00:00"	16.607	143.46	93.254	24.057	33.064	26.261	0
"2014-06-05	22:00:00"	14.356	135.79	88.642	31.907	1.5299	26.273	0
"2014-06-05	23:00:00"	13.87	145.18	84.865	38.82	0.04409	26.302	0
"2014-06-06	00:00:00"	13.815	148.2	81.985	43.651	0.07843	26.305	0
"2014-06-06	01:00:00"	15.027	153	79.59	50.658	0.06147	26.302	0
"2014-06-06	02:00:00"	11.799	154.1	77.052	57.331	0.05448	26.296	0
"2014-06-06	03:00:00"	9.8817	159.35	75.191	61.53	0.0371	26.282	0
"2014-06-06	04:00:00"	8.7694	181.01	73.69	64.795	0.07186	26.282	0
"2014-06-06	05:00:00"	7.2775	166.69	72.119	67.972	0.05787	26.285	0
"2014-06-06	06:00:00"	7.764	153.35	71.287	69.595	0.04134	26.285	0
"2014-06-06	07:00:00"	6.0695	144.79	70.435	70.954	2.5881	26.302	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-06	08:00:00"	6.374	113.06	71.101	69.682	106.53	26.338	0
"2014-06-06	09:00:00"	10.059	82.044	74.08	64.159	302.14	26.35	0
"2014-06-06	10:00:00"	12.442	114.89	78.083	56.528	520.23	26.341	0
"2014-06-06	11:00:00"	12.13	124.53	82.102	49.244	721.9	26.332	0
"2014-06-06	12:00:00"	11.227	130.47	86.291	41.404	882.8	26.335	0
"2014-06-06	13:00:00"	11.63	122.32	89.857	34.836	992.51	26.329	0
"2014-06-06	14:00:00"	12.685	121.83	92.784	30.296	1040.9	26.308	0
"2014-06-06	15:00:00"	14.065	129.96	95.008	26.554	1027.8	26.285	0
"2014-06-06	16:00:00"	14.35	146.37	96.023	24.206	952.45	26.27	0
"2014-06-06	17:00:00"	15.834	140.25	96.478	24.134	820.04	26.252	0
"2014-06-06	18:00:00"	16.435	142.77	95.71	24.47	657.58	26.234	0
"2014-06-06	19:00:00"	19.743	143.6	92.112	28.195	202.74	26.249	0
"2014-06-06	20:00:00"	17.658	165.6	90.199	24.187	67.246	26.232	0
"2014-06-06	21:00:00"	20.658	150.96	86.351	35.204	39.773	26.234	0
"2014-06-06	22:00:00"	19.566	152.74	83.928	39.581	1.4815	26.261	0
"2014-06-06	23:00:00"	20.034	153.48	81.159	46.322	0.07165	26.273	0
"2014-06-07	00:00:00"	17.809	157.07	78.991	51.584	0.05554	26.288	0
"2014-06-07	01:00:00"	17.025	160.07	77.5	54.644	0.07186	26.279	0
"2014-06-07	02:00:00"	13.993	133.34	76.756	55.62	0.06041	26.282	0
"2014-06-07	03:00:00"	12.273	112.69	76.01	56.968	0.05999	26.302	0
"2014-06-07	04:00:00"	11.26	109.11	74.992	58.196	0.05639	26.311	0
"2014-06-07	05:00:00"	12.454	117.17	73.978	59.872	0.07292	26.305	0
"2014-06-07	06:00:00"	10.983	118.16	72.522	63.34	0.06932	26.302	0
"2014-06-07	07:00:00"	11.481	123.85	71.115	67.762	2.2561	26.299	0
"2014-06-07	08:00:00"	11.512	118.86	71.155	69.177	88.716	26.332	0
"2014-06-07	09:00:00"	15.329	124.35	73.086	64.503	277.96	26.364	0
"2014-06-07	10:00:00"	13.235	113.68	75.161	60.287	448.88	26.388	0
"2014-06-07	11:00:00"	13.881	119.47	77.186	55.878	620.7	26.373	0
"2014-06-07	12:00:00"	11.899	126.97	80.387	48.893	856.87	26.376	0
"2014-06-07	13:00:00"	9.4889	117.94	83.851	42.613	974.27	26.367	0
"2014-06-07	14:00:00"	7.5832	126.08	87.001	37.801	1028	26.353	0
"2014-06-07	15:00:00"	7.8492	143.99	89.481	34.115	1040.7	26.332	0
"2014-06-07	16:00:00"	6.8562	114.61	92.089	30.186	937.14	26.311	0
"2014-06-07	17:00:00"	8.9123	114.72	93.023	28.984	659.4	26.296	0
"2014-06-07	18:00:00"	8.752	113.75	92.998	29.32	436.15	26.276	0
"2014-06-07	19:00:00"	12.875	111.77	91.402	32.033	182.21	26.276	0
"2014-06-07	20:00:00"	16.437	123.22	87.896	37.857	100.6	26.273	0
"2014-06-07	21:00:00"	11.875	111.67	84.416	46.009	48.024	26.291	0
"2014-06-07	22:00:00"	10.028	121.41	81.919	48.265	0.361	26.32	0
"2014-06-07	23:00:00"	12.119	121.36	79.695	50.796	0.05257	26.317	0
"2014-06-08	00:00:00"	9.7711	129.3	78.223	52.816	0.06126	26.338	0
"2014-06-08	01:00:00"	10.94	140.03	77.769	53.338	0.06359	26.338	0
"2014-06-08	02:00:00"	7.9945	96.147	76.75	54.997	0.05342	26.376	0
"2014-06-08	03:00:00"	14.502	58.06	70.294	69.596	0.05193	26.385	0
"2014-06-08	04:00:00"	18.343	24.847	64.987	80.398	0.05469	26.385	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-08	05:00:00"	15.321	43.761	63.06	78.994	0.07334	26.361	0
"2014-06-08	06:00:00"	12.703	58.188	62.606	83.382	0.05469	26.376	0
"2014-06-08	07:00:00"	9.6642	65.299	62.686	81.546	0.49752	26.391	0
"2014-06-08	08:00:00"	8.158	50.377	63.316	79.515	33.557	26.418	0
"2014-06-08	09:00:00"	7.1439	58.884	64.409	75.348	37.131	26.45	0
"2014-06-08	10:00:00"	8.0138	81.417	64.89	75.115	60.779	26.42	0.01
"2014-06-08	11:00:00"	8.4755	103.59	66.89	72.45	333.84	26.432	0
"2014-06-08	12:00:00"	10.551	54.05	67.939	68.496	117.63	26.456	0
"2014-06-08	13:00:00"	8.2543	56.503	64.769	84.991	218.73	26.444	0.05
"2014-06-08	14:00:00"	9.6872	81.192	67.125	80.506	528.75	26.429	0
"2014-06-08	15:00:00"	11.142	50.087	68.444	76.176	448.34	26.4	0
"2014-06-08	16:00:00"	11.342	61.359	72.366	67.062	559.05	26.373	0
"2014-06-08	17:00:00"	10.666	74.814	75.296	61.316	392.52	26.353	0
"2014-06-08	18:00:00"	12.115	104.1	79.094	52.766	519.38	26.311	0
"2014-06-08	19:00:00"	12	122.89	81.374	49.169	332.99	26.294	0
"2014-06-08	20:00:00"	11.618	103.64	79.76	52.283	43.4	26.294	0
"2014-06-08	21:00:00"	10.071	72.97	77.632	58.73	1.2547	26.329	0
"2014-06-08	22:00:00"	12.453	97.114	76.077	65.457	0.05829	26.341	0
"2014-06-08	23:00:00"	11.006	146.98	74.085	66.184	0.05363	26.311	0
"2014-06-09	00:00:00"	10.053	164.1	72.068	68.389	0.06402	26.296	0
"2014-06-09	01:00:00"	14.249	172.5	71.485	72.453	0.07101	26.288	0
"2014-06-09	02:00:00"	11.855	182.42	69.972	77.856	0.06805	26.276	0
"2014-06-09	03:00:00"	11.625	203.28	68.873	81.65	0.05829	26.267	0
"2014-06-09	04:00:00"	10.652	206.86	68.193	83.466	0.08691	26.264	0
"2014-06-09	05:00:00"	11.461	108.13	67.873	83.449	0.0602	26.344	0
"2014-06-09	06:00:00"	18.585	33.535	61.083	74.2	0.06084	26.376	0
"2014-06-09	07:00:00"	15.947	40.043	60.16	74.006	1.6263	26.376	0
"2014-06-09	08:00:00"	15.332	28.445	60.39	74.517	35.982	26.403	0
"2014-06-09	09:00:00"	16.925	13.715	61.728	69.27	144.82	26.432	0
"2014-06-09	10:00:00"	19.868	11.369	63.556	60.179	363.49	26.447	0
"2014-06-09	11:00:00"	18.028	18.183	65.513	52.275	468.52	26.462	0
"2014-06-09	12:00:00"	15.548	10.211	69.206	46.141	867.97	26.471	0
"2014-06-09	13:00:00"	14.69	12.714	71.986	38.527	990.36	26.462	0
"2014-06-09	14:00:00"	13.912	12.472	74.446	33.311	1055.2	26.45	0
"2014-06-09	15:00:00"	10.48	13.714	76.349	29.57	1045.5	26.435	0
"2014-06-09	16:00:00"	9.5045	2.31	78.083	27.575	979.33	26.415	0
"2014-06-09	17:00:00"	10.226	353.57	80.041	24.008	849.89	26.409	0
"2014-06-09	18:00:00"	9.6145	347.43	80.554	23.249	674.18	26.406	0
"2014-06-09	19:00:00"	8.9856	343.35	80.486	22.857	464.98	26.4	0
"2014-06-09	20:00:00"	9.7928	10.356	79.463	22.606	248.01	26.388	0
"2014-06-09	21:00:00"	7.5347	36.384	76.893	23.856	64.529	26.406	0
"2014-06-09	22:00:00"	5.199	58.882	70.848	30.036	0.49391	26.423	0
"2014-06-09	23:00:00"	5.1052	63.174	65.846	36.891	0.06423	26.444	0
"2014-06-10	00:00:00"	5.0679	66.744	63.688	40.264	0.08098	26.459	0
"2014-06-10	01:00:00"	8.3829	43.947	62.78	43.732	0.06889	26.471	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-10	02:00:00"	9.3001	44.358	61.088	52.659	0.06211	26.468	0
"2014-06-10	03:00:00"	7.2738	43.059	58.487	61.025	0.06147	26.468	0
"2014-06-10	04:00:00"	6.4063	35.908	56.34	67.195	0.08225	26.468	0
"2014-06-10	05:00:00"	6.6934	31.786	55.574	70.752	0.07229	26.471	0
"2014-06-10	06:00:00"	6.5089	25.627	53.558	75.352	0.06868	26.474	0
"2014-06-10	07:00:00"	6.9562	21.772	53.074	76.647	4.3123	26.483	0
"2014-06-10	08:00:00"	5.844	12.985	55.69	70.642	102.93	26.503	0
"2014-06-10	09:00:00"	7.8373	22.292	61.667	55.773	302.18	26.515	0
"2014-06-10	10:00:00"	8.7042	48.76	66.736	44.061	524.64	26.518	0
"2014-06-10	11:00:00"	5.3836	74.65	70.963	35.16	729.65	26.518	0
"2014-06-10	12:00:00"	4.6454	154.29	75.307	27.144	896.88	26.509	0
"2014-06-10	13:00:00"	6.7176	190.66	78.432	26.066	1011.1	26.491	0
"2014-06-10	14:00:00"	7.6031	191.29	80.457	24.87	1063.7	26.474	0
"2014-06-10	15:00:00"	6.9513	204.05	82.843	22.464	1057.4	26.444	0
"2014-06-10	16:00:00"	6.6275	220.08	85.414	19.979	982.83	26.42	0
"2014-06-10	17:00:00"	6.0329	216.93	87.689	17.954	853.63	26.397	0
"2014-06-10	18:00:00"	5.6781	192.88	88.98	16.986	675.17	26.376	0
"2014-06-10	19:00:00"	4.9057	175.91	89.366	16.18	466.57	26.361	0
"2014-06-10	20:00:00"	5.9018	188.11	89.196	16.219	245.68	26.364	0
"2014-06-10	21:00:00"	4.203	149.68	86.443	17.791	60.403	26.364	0
"2014-06-10	22:00:00"	4.6889	109.64	80.575	21.293	0.33366	26.364	0
"2014-06-10	23:00:00"	5.8477	93.406	76.147	24.45	0.05469	26.37	0
"2014-06-11	00:00:00"	7.4645	132.81	76.053	26.568	0.07462	26.388	0
"2014-06-11	01:00:00"	5.2344	136.07	72.933	31.664	0.06995	26.379	0
"2014-06-11	02:00:00"	4.8094	131.08	70.533	36.443	0.05957	26.373	0
"2014-06-11	03:00:00"	5.1884	122.27	69.66	38.311	0.06105	26.361	0
"2014-06-11	04:00:00"	4.2545	121.93	68.836	38.736	0.05554	26.35	0
"2014-06-11	05:00:00"	4.372	95.122	67.119	41.268	0.07652	26.347	0
"2014-06-11	06:00:00"	4.4677	92.84	64.26	44.879	0.0602	26.344	0
"2014-06-11	07:00:00"	6.2305	117.31	65.069	47.504	3.7838	26.344	0
"2014-06-11	08:00:00"	5.7955	133.9	66.913	47.861	114.74	26.344	0
"2014-06-11	09:00:00"	9.653	169.08	74.318	39.197	305.36	26.358	0
"2014-06-11	10:00:00"	9.9109	183.86	78.767	34.194	407.04	26.353	0
"2014-06-11	11:00:00"	8.414	189.74	83.586	28.927	618.96	26.347	0
"2014-06-11	12:00:00"	8.5507	218.71	89.609	22.311	858.78	26.35	0
"2014-06-11	13:00:00"	9.0689	254.21	93.378	19.081	969.12	26.335	0
"2014-06-11	14:00:00"	6.1422	290.31	96.043	17.122	795.97	26.358	0.1
"2014-06-11	15:00:00"	7.8106	310.5	98.902	13.249	870.79	26.35	0
"2014-06-11	16:00:00"	6.5828	310.31	98.869	12.597	551.18	26.329	0
"2014-06-11	17:00:00"	6.4877	281.92	100.09	12.03	710.94	26.302	0
"2014-06-11	18:00:00"	4.6646	313.41	100.41	11.446	617.37	26.288	0
"2014-06-11	19:00:00"	8.5855	260.59	99.135	11.6	182.05	26.276	0
"2014-06-11	20:00:00"	8.1412	264.61	99.116	11.775	111.63	26.279	0
"2014-06-11	21:00:00"	1.9225	253.55	95.309	13.582	33.757	26.282	0
"2014-06-11	22:00:00"	2.8192	93.909	89.249	17.992	0.24378	26.299	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-11	23:00:00"	5.7508	128.7	86.686	21.281	0.06147	26.317	0
"2014-06-12	00:00:00"	6.9252	114.71	82.918	30.275	0.05851	26.332	0
"2014-06-12	01:00:00"	7.1899	118.53	80.192	37.963	0.09158	26.335	0
"2014-06-12	02:00:00"	6.6859	115.03	77.214	44.89	0.07313	26.35	0
"2014-06-12	03:00:00"	3.681	55.224	74.601	49.66	0.06571	26.35	0
"2014-06-12	04:00:00"	2.9975	56.707	71.724	53.209	0.04579	26.344	0
"2014-06-12	05:00:00"	2.6719	60.383	71.249	52.481	0.06889	26.361	0
"2014-06-12	06:00:00"	2.9714	26.705	70.414	52.141	0.06508	26.361	0
"2014-06-12	07:00:00"	3.3299	329.78	68.276	55.503	2.5963	26.391	0
"2014-06-12	08:00:00"	12.411	0.61824	69.707	58.006	95.019	26.42	0
"2014-06-12	09:00:00"	15.511	11.526	70.692	53.605	291.67	26.453	0
"2014-06-12	10:00:00"	16.499	13.428	73.197	51.586	497	26.48	0
"2014-06-12	11:00:00"	16.404	17.399	73.853	50.577	373.43	26.503	0
"2014-06-12	12:00:00"	14.735	27.664	77.594	46.074	716.17	26.465	0
"2014-06-12	13:00:00"	16.115	22.341	80.757	41.822	975.08	26.459	0
"2014-06-12	14:00:00"	15.705	28.187	83.322	39.235	1026.9	26.456	0
"2014-06-12	15:00:00"	15.433	32.564	85.373	36.626	1040.1	26.444	0
"2014-06-12	16:00:00"	12.139	40.533	87.012	34.912	948.18	26.441	0
"2014-06-12	17:00:00"	11.764	35.79	87.999	34.275	817.2	26.438	0
"2014-06-12	18:00:00"	13.557	35.221	87.723	36.643	612.47	26.426	0
"2014-06-12	19:00:00"	15.806	42.891	86.023	39.714	427.96	26.426	0
"2014-06-12	20:00:00"	14.776	44.419	83.798	42.063	219.32	26.441	0
"2014-06-12	21:00:00"	15.15	51.541	80.776	47.163	47.348	26.453	0
"2014-06-12	22:00:00"	13.748	55.798	77.494	52.789	0.42841	26.468	0
"2014-06-12	23:00:00"	13.703	66.368	75.017	59.039	0.06359	26.491	0
"2014-06-13	00:00:00"	15.009	73.266	72.414	65.632	0.05045	26.509	0
"2014-06-13	01:00:00"	13.192	75.448	69.971	70.084	0.0655	26.521	0
"2014-06-13	02:00:00"	12.519	76.1	68.338	73.458	0.05554	26.524	0
"2014-06-13	03:00:00"	11.64	73.273	66.997	77.082	0.06169	26.521	0
"2014-06-13	04:00:00"	10.194	79.3	66.913	77.85	0.07017	26.53	0
"2014-06-13	05:00:00"	7.948	89.28	67.648	76.188	0.03943	26.533	0
"2014-06-13	06:00:00"	8.3115	76.221	67.418	77.394	0.06105	26.53	0
"2014-06-13	07:00:00"	6.9345	70.421	66.456	80.881	2.2542	26.542	0
"2014-06-13	08:00:00"	10.336	81.183	67.612	80.66	81.241	26.55	0
"2014-06-13	09:00:00"	9.9829	94.644	68.312	79.485	59.139	26.562	0
"2014-06-13	10:00:00"	10.324	95.427	67.987	82.847	184.3	26.556	0
"2014-06-13	11:00:00"	9.9283	110.93	71.58	70.341	284.27	26.542	0
"2014-06-13	12:00:00"	8.4196	131.3	74.575	63.345	419.51	26.533	0
"2014-06-13	13:00:00"	5.7464	174.66	76.63	58.986	467.34	26.515	0
"2014-06-13	14:00:00"	7.2825	150.11	79.961	52.104	982.76	26.474	0
"2014-06-13	15:00:00"	8.8042	128.83	84.281	43.763	1012.9	26.441	0
"2014-06-13	16:00:00"	10.209	150.61	88.376	34.948	919.56	26.409	0
"2014-06-13	17:00:00"	9.776	155.85	89.49	32.761	492.98	26.385	0
"2014-06-13	18:00:00"	10.693	140.08	90.093	32.015	338.12	26.361	0
"2014-06-13	19:00:00"	12.467	141.73	90.109	31.262	212.13	26.356	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-13	20:00:00"	11.068	147.93	89.372	30.594	75.354	26.332	0
"2014-06-13	21:00:00"	11.044	166.92	87.849	31.416	3.8741	26.397	0.02
"2014-06-13	22:00:00"	15.091	142.28	77.637	45.56	0.06147	26.483	0.13
"2014-06-13	23:00:00"	12.987	319.07	68.639	70.899	0.06444	26.497	0.01
"2014-06-14	00:00:00"	6.2752	69.366	66.862	78.251	0.06911	26.447	0.01
"2014-06-14	01:00:00"	8.1934	142.52	66.155	80.79	0.07038	26.406	0
"2014-06-14	02:00:00"	7.6286	156.19	66.974	73.454	0.08119	26.418	0
"2014-06-14	03:00:00"	8.5948	159.78	67.065	71.953	0.06317	26.415	0
"2014-06-14	04:00:00"	4.2502	172.97	65.642	77.896	0.05999	26.409	0
"2014-06-14	05:00:00"	3.2094	184.01	64.294	83.785	0.05723	26.409	0
"2014-06-14	06:00:00"	8.0492	191.62	64.953	82.322	0.06593	26.379	0
"2014-06-14	07:00:00"	13.777	201.46	65.533	80.822	2.4944	26.364	0
"2014-06-14	08:00:00"	14.446	208.51	65.576	81.877	84.868	26.361	0
"2014-06-14	09:00:00"	13.143	208.79	68.742	76.782	283.17	26.367	0
"2014-06-14	10:00:00"	11.945	205.58	72.209	68.574	498.17	26.367	0
"2014-06-14	11:00:00"	12.804	217.04	76.312	57.998	664.07	26.356	0
"2014-06-14	12:00:00"	13.122	217.12	81.584	46.599	821.47	26.347	0
"2014-06-14	13:00:00"	13.824	223.3	87.722	32.213	919.65	26.329	0
"2014-06-14	14:00:00"	13.168	228.94	91.586	26.72	1024.9	26.308	0
"2014-06-14	15:00:00"	12.004	228.4	94.437	22.427	1014.7	26.279	0
"2014-06-14	16:00:00"	12.664	203.54	95.658	19.964	741.55	26.258	0
"2014-06-14	17:00:00"	8.6501	208.09	96.561	16.926	579.84	26.232	0
"2014-06-14	18:00:00"	11.58	235.07	98.789	14.766	687.88	26.217	0
"2014-06-14	19:00:00"	16.709	188.67	94.81	21.454	407.64	26.214	0
"2014-06-14	20:00:00"	17.073	186.71	91.029	26.359	199.53	26.202	0
"2014-06-14	21:00:00"	12.382	187.05	90.205	23.735	38.43	26.214	0
"2014-06-14	22:00:00"	12.141	177.76	86.603	22.284	0.44452	26.243	0
"2014-06-14	23:00:00"	13.56	178.67	83.526	26.186	0.07017	26.264	0
"2014-06-15	00:00:00"	8.0231	183.1	80.991	32.915	0.06847	26.296	0
"2014-06-15	01:00:00"	13.141	177.71	77.52	42.341	0.06126	26.296	0
"2014-06-15	02:00:00"	11.932	187.97	74.477	48.342	0.07229	26.299	0
"2014-06-15	03:00:00"	10.1	184.21	73.068	52.991	0.07907	26.291	0
"2014-06-15	04:00:00"	11.003	185.23	73.168	57.736	0.0744	26.288	0
"2014-06-15	05:00:00"	7.618	194.09	71.922	62.198	0.06402	26.285	0
"2014-06-15	06:00:00"	3.7096	218.14	69.163	68.298	0.07313	26.294	0
"2014-06-15	07:00:00"	4.5441	255.6	67.164	73.462	3.9973	26.314	0
"2014-06-15	08:00:00"	4.6851	254.43	67.625	74.452	102.01	26.335	0
"2014-06-15	09:00:00"	6.2758	247.37	71.905	66.109	295.74	26.353	0
"2014-06-15	10:00:00"	6.7357	266.74	77.756	51.186	511.8	26.367	0
"2014-06-15	11:00:00"	9.1317	329.6	82.917	32.198	716.57	26.37	0
"2014-06-15	12:00:00"	9.0335	348.94	86.445	23.916	885.8	26.382	0
"2014-06-15	13:00:00"	8.6302	4.8781	90.078	19.869	998.47	26.379	0
"2014-06-15	14:00:00"	6.6524	337	92.97	14.52	1047.1	26.373	0
"2014-06-15	15:00:00"	5.1679	253.65	95.272	11.891	1032.4	26.358	0
"2014-06-15	16:00:00"	7.9405	239.23	97.276	9.613	970.73	26.341	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-15	17:00:00"	8.0275	265.33	97.913	10.716	841.78	26.317	0
"2014-06-15	18:00:00"	5.7483	242.9	98.165	11.002	666.9	26.302	0
"2014-06-15	19:00:00"	7.4043	202.85	98.502	10.903	456.62	26.285	0
"2014-06-15	20:00:00"	7.3912	192.96	98.207	11.125	256.75	26.288	0
"2014-06-15	21:00:00"	4.815	186.33	95.729	12.462	56.698	26.299	0
"2014-06-15	22:00:00"	9.3212	107.85	90.383	24.608	0.56789	26.323	0
"2014-06-15	23:00:00"	16.596	150.88	86.892	37.52	0.06169	26.358	0
"2014-06-16	00:00:00"	20.812	164.43	83.056	47.362	0.05596	26.373	0
"2014-06-16	01:00:00"	19.45	177.83	81.273	50.488	0.05278	26.376	0
"2014-06-16	02:00:00"	16.576	181.3	80.342	50.247	0.05723	26.356	0
"2014-06-16	03:00:00"	11.98	184.34	78.735	49.099	0.05999	26.356	0
"2014-06-16	04:00:00"	8.7557	199.51	76.838	47.579	0.0708	26.373	0
"2014-06-16	05:00:00"	6.2435	207.32	74.549	47.129	0.07059	26.373	0
"2014-06-16	06:00:00"	8.5351	178.31	73.481	47.976	0.06105	26.391	0
"2014-06-16	07:00:00"	9.4175	169.01	73.545	47.987	1.9322	26.406	0
"2014-06-16	08:00:00"	10.627	173.65	74.436	48.014	76.571	26.42	0
"2014-06-16	09:00:00"	12.109	183.17	76.648	46.802	238.66	26.438	0
"2014-06-16	10:00:00"	13.01	190.24	77.966	49.261	283.8	26.444	0
"2014-06-16	11:00:00"	13.536	192.39	79.908	47.895	409.49	26.447	0
"2014-06-16	12:00:00"	12.055	199.73	83.141	41.024	454.06	26.441	0
"2014-06-16	13:00:00"	10.753	202.67	86.299	34.02	598.82	26.435	0
"2014-06-16	14:00:00"	8.9676	207.78	90.048	24.257	648.57	26.42	0
"2014-06-16	15:00:00"	6.1292	243.56	91.891	18.006	535.64	26.403	0
"2014-06-16	16:00:00"	6.9768	213.36	92.803	17.909	524.62	26.385	0
"2014-06-16	17:00:00"	7.7168	208.64	93.817	15.657	516.72	26.361	0
"2014-06-16	18:00:00"	9.1192	189.58	94.769	14.871	461.51	26.338	0
"2014-06-16	19:00:00"	11.446	172.58	96.003	16.234	505.64	26.323	0
"2014-06-16	20:00:00"	15.375	173.9	93.167	25.139	236.17	26.323	0
"2014-06-16	21:00:00"	17.701	161.74	86.758	40.407	48.842	26.347	0
"2014-06-16	22:00:00"	18.076	167.95	82.46	49.762	0.47844	26.367	0
"2014-06-16	23:00:00"	16.766	174.76	80.035	54.567	0.05829	26.394	0
"2014-06-17	00:00:00"	14.286	176.63	78.37	58.259	0.07504	26.412	0
"2014-06-17	00:00:00"	11.632	186	77.36	61.4	0	26.412	0
"2014-06-17	01:00:00"	11.157	181.13	76.465	63.886	0.05257	0.00236	0
"2014-06-17	02:00:00"	10.414	181.62	75.172	61.657	0.06656	0	0
"2014-06-17	03:00:00"	8.381	188.7	73.285	54.581	0.05448	26.391	0
"2014-06-17	04:00:00"	9.1627	178.2	71.739	57.191	0.04685	26.382	0
"2014-06-17	05:00:00"	11.221	176.31	71.907	56.224	0.05999	26.373	0
"2014-06-17	06:00:00"	11.235	181.17	71.673	56.384	0.07271	26.391	0
"2014-06-17	07:00:00"	8.1083	194.81	70.552	61.175	2.9552	26.397	0
"2014-06-17	08:00:00"	9.1534	188.38	70.828	63.7	71.695	0	0
"2014-06-17	09:00:00"	10.276	193.73	74.653	57.046	177.35	26.429	0
"2014-06-17	10:00:00"	11.373	195.79	79.332	47.809	352.03	26.435	0
"2014-06-17	11:00:00"	8.6737	212.56	83.138	40.396	699.8	26.42	0
"2014-06-17	12:00:00"	6.0584	227.96	86.827	32.666	861.55	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-17	13:00:00"	4.3397	292.68	90.834	23.505	973.48	26.409	0
"2014-06-17	14:00:00"	4.8107	72.841	93.919	18.016	1028.5	26.385	0
"2014-06-17	15:00:00"	5.2972	100.79	96.117	13.845	1023.7	26.361	0
"2014-06-17	16:00:00"	6.5903	95.011	97.306	14.219	954.5	26.344	0
"2014-06-17	17:00:00"	8.0256	149.07	96.93	17.336	617.83	26.329	0
"2014-06-17	18:00:00"	8.2481	169.12	96.648	18.159	441.38	0	0
"2014-06-17	19:00:00"	8.9912	175.64	96.246	19.61	374.72	26.294	0
"2014-06-17	20:00:00"	13.612	114.65	92.094	27.343	320.85	26.311	0
"2014-06-17	21:00:00"	14.919	149.67	78.296	55.581	79.13	26.32	0.77
"2014-06-17	22:00:00"	15.31	93.644	67.383	84.094	1.9091	26.388	0.39
"2014-06-17	23:00:00"	9.9481	102.08	68.837	80.794	0.07123	26.403	0.3
"2014-06-18	00:00:00"	11.884	117.76	72.853	74.357	0.05639	26.409	0
"2014-06-18	01:00:00"	9.2354	148.63	73.704	72.79	0.07546	26.426	0
"2014-06-18	02:00:00"	10.727	149.82	74.14	70.576	0.05617	26.438	0
"2014-06-18	03:00:00"	7.0675	110.96	73.346	73.171	0.05151	26.426	0
"2014-06-18	04:00:00"	6.2665	92.874	69.936	77.53	0.05511	26.4	0
"2014-06-18	05:00:00"	5.5513	127.81	70.42	78.67	0.06974	26.385	0
"2014-06-18	06:00:00"	5.378	131.44	70.828	78.422	0.06084	26.382	0
"2014-06-18	07:00:00"	5.3879	166.63	70.134	79.613	2.3837	26.388	0
"2014-06-18	08:00:00"	7.7336	189.73	70.712	78.762	65.485	26.397	0
"2014-06-18	09:00:00"	10.499	190.07	72.129	75.223	206.11	26.397	0
"2014-06-18	10:00:00"	11.783	187.23	74.872	68.217	493.23	26.406	0
"2014-06-18	11:00:00"	11.484	186.95	77.826	60.023	633.86	26.406	0
"2014-06-18	12:00:00"	9.2261	202.74	81.51	50.536	682.39	26.403	0
"2014-06-18	13:00:00"	6.8587	241.03	82.586	44.594	304.24	26.403	0
"2014-06-18	14:00:00"	4.4925	228.79	85.104	38.405	975.1	26.388	0
"2014-06-18	15:00:00"	3.1945	306.74	89.437	30.05	1022	26.361	0
"2014-06-18	16:00:00"	7.326	217	91.825	25.009	782	26.335	0
"2014-06-18	17:00:00"	7.8895	212	92.921	22.146	685.32	26.317	0
"2014-06-18	18:00:00"	7.065	236.02	93.213	20.68	537.83	26.302	0
"2014-06-18	19:00:00"	9.8997	209.02	88.044	27.527	213.73	26.311	0.01
"2014-06-18	20:00:00"	9.6101	161.65	84.716	34.458	224.19	26.311	0
"2014-06-18	21:00:00"	16.423	142.01	79.749	44.449	93.875	26.353	0
"2014-06-18	22:00:00"	13.271	123.5	71.834	59.404	1.2445	26.367	0
"2014-06-18	23:00:00"	13.165	144.22	72.24	60.207	0.08458	26.385	0
"2014-06-19	00:00:00"	10.479	158.65	72.493	69.192	0.05914	26.415	0
"2014-06-19	01:00:00"	9.1161	168.01	71.302	73.964	0.0761	26.409	0
"2014-06-19	02:00:00"	9.4815	177.18	70.709	76.869	0.06296	26.406	0
"2014-06-19	03:00:00"	12.847	171.63	71.594	75.552	0.06317	26.391	0
"2014-06-19	04:00:00"	7.3067	162.86	70.788	79.004	0.06296	26.403	0
"2014-06-19	05:00:00"	2.4544	161.02	69.28	82.858	0.05787	26.4	0
"2014-06-19	06:00:00"	5.7427	177.7	68.968	83.828	0.06338	26.409	0
"2014-06-19	07:00:00"	4.3974	187.61	68.433	85.861	3.9485	26.423	0
"2014-06-19	08:00:00"	6.1876	171.77	68.928	85.206	107.47	26.438	0
"2014-06-19	09:00:00"	9.4709	175.46	71.367	77.062	224.19	26.444	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-19	10:00:00"	8.8769	188.49	74.317	69.136	351.31	26.45	0
"2014-06-19	11:00:00"	8.3177	195.16	76.33	63.361	394.86	26.456	0
"2014-06-19	12:00:00"	5.0368	224.15	78.529	56.926	569.85	26.471	0
"2014-06-19	13:00:00"	2.8024	281.66	81.017	49.556	786.03	26.468	0
"2014-06-19	14:00:00"	2.872	119.12	84.169	41.9	835.62	26.459	0
"2014-06-19	15:00:00"	3.5493	100.44	86.797	35.704	677.29	26.447	0
"2014-06-19	16:00:00"	5.519	148.51	88.574	32.72	556.63	26.432	0
"2014-06-19	17:00:00"	8.5873	150.05	89.283	34.162	556.64	26.412	0
"2014-06-19	18:00:00"	9.9189	141.35	89.867	32.221	559.44	26.406	0
"2014-06-19	19:00:00"	12.77	142.08	88.002	34.717	167.12	26.4	0
"2014-06-19	20:00:00"	12.114	138.3	86.445	35.959	112.25	26.409	0
"2014-06-19	21:00:00"	13.183	146.8	84.274	38.451	18.456	26.447	0
"2014-06-19	22:00:00"	11.4	155.01	81.932	43.197	0.06974	26.494	0
"2014-06-19	23:00:00"	16.192	258.45	72.068	50.25	0.06381	26.524	0
"2014-06-20	00:00:00"	10.294	243.17	71.453	50.804	0.06232	26.559	0
"2014-06-20	01:00:00"	7.9803	260.4	68.826	62.103	0.0513	26.521	0.13
"2014-06-20	02:00:00"	7.5801	206.41	68.487	66.299	0.05766	26.471	0.01
"2014-06-20	03:00:00"	10.404	173.08	69.208	69.181	0.06529	26.471	0
"2014-06-20	04:00:00"	9.5927	127.18	68.485	72.749	0.05151	26.503	0
"2014-06-20	05:00:00"	4.8753	137.5	68.352	76.478	0.07483	26.518	0
"2014-06-20	06:00:00"	5.2593	150.39	67.604	79.215	0.06253	26.53	0
"2014-06-20	07:00:00"	3.663	167.85	66.99	82.2	0.55793	26.55	0
"2014-06-20	08:00:00"	7.6833	154.08	67.453	81.568	19.529	26.568	0
"2014-06-20	09:00:00"	9.3007	166.12	66.997	81.254	154.96	26.577	0
"2014-06-20	10:00:00"	8.1617	168.95	67.577	79.956	159.29	26.583	0
"2014-06-20	11:00:00"	6.4231	150.33	68.952	75.616	257.38	26.583	0
"2014-06-20	12:00:00"	4.8622	141.54	72.568	66.047	618.18	26.574	0
"2014-06-20	13:00:00"	6.7692	129.46	75.588	57.894	647.79	26.565	0
"2014-06-20	14:00:00"	9.4368	136.35	78.133	50.052	690	26.547	0
"2014-06-20	15:00:00"	8.9341	133.22	78.815	46.861	463	26.533	0
"2014-06-20	16:00:00"	9.3647	120.79	80.172	44.493	585.7	26.515	0
"2014-06-20	17:00:00"	11.109	121.89	80.476	42.354	435.56	26.503	0
"2014-06-20	18:00:00"	13.968	127.83	79.77	46.024	448.29	26.5	0
"2014-06-20	19:00:00"	13.42	138.56	79.005	46.164	315.17	26.497	0
"2014-06-20	20:00:00"	13.594	146.1	77.772	49.298	173.92	26.5	0
"2014-06-20	21:00:00"	14.801	151.41	72.629	62.347	43.087	26.512	0
"2014-06-20	22:00:00"	8.3823	149.52	70.566	68.767	0.78856	26.518	0
"2014-06-20	23:00:00"	5.1524	134.17	69.912	73.44	0.06423	26.53	0
"2014-06-21	00:00:00"	4.6901	121.54	70.326	75.953	0.046	26.524	0
"2014-06-21	01:00:00"	8.7849	133.1	71.019	76.478	0.0619	26.515	0
"2014-06-21	02:00:00"	5.8024	120.11	69.372	79.4	0.06063	26.494	0
"2014-06-21	03:00:00"	4.6261	117.28	68.484	81.804	0.06253	26.483	0
"2014-06-21	04:00:00"	4.1346	113.78	67.049	84.992	0.05554	26.474	0
"2014-06-21	05:00:00"	4.7821	105.03	66.312	86.918	0.05914	26.468	0
"2014-06-21	06:00:00"	5.0294	98.674	66.472	85.571	0.05533	26.468	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-21	07:00:00"	4.0594	92.448	66.534	86.084	0.78772	26.48	0
"2014-06-21	08:00:00"	6.0049	124.72	67.357	84.233	20.069	26.494	0
"2014-06-21	09:00:00"	9.1795	148.79	68.316	82.328	116.34	26.494	0
"2014-06-21	10:00:00"	8.8334	153.33	69.257	79.739	176.35	26.503	0
"2014-06-21	11:00:00"	8.1866	167.07	71.125	74.353	320.91	26.497	0
"2014-06-21	12:00:00"	5.706	141.91	73.281	67.612	349.73	26.491	0
"2014-06-21	13:00:00"	2.9242	211.86	75.242	62.387	495.56	26.477	0
"2014-06-21	14:00:00"	3.8655	87.649	77.23	57.461	758.25	26.45	0
"2014-06-21	15:00:00"	4.0246	143.39	80.335	51.263	953.98	26.426	0
"2014-06-21	16:00:00"	5.0847	115.6	82.349	45.595	589.97	26.409	0
"2014-06-21	17:00:00"	7.5111	135.12	84.002	43.176	659.97	26.391	0
"2014-06-21	18:00:00"	11.519	135.39	83.827	45.948	583.31	26.376	0
"2014-06-21	19:00:00"	10.694	136.17	82.836	48.852	299.91	26.37	0
"2014-06-21	20:00:00"	9.228	134.9	81.648	50.758	149	26.382	0
"2014-06-21	21:00:00"	11.305	130.26	79.578	56.132	46.813	26.379	0
"2014-06-21	22:00:00"	10.314	151.69	77.439	58.985	1.7881	26.403	0
"2014-06-21	23:00:00"	8.7408	145.57	75.674	63.641	0.06444	26.426	0
"2014-06-22	00:00:00"	8.4761	136.67	73.707	70.08	0.06296	26.426	0
"2014-06-22	01:00:00"	8.5122	156.43	71.752	77.401	0.07101	26.415	0
"2014-06-22	02:00:00"	5.2611	169.83	69.381	83.137	0.06487	26.403	0
"2014-06-22	03:00:00"	6.3684	185.62	68.39	86.101	0.05024	26.394	0
"2014-06-22	04:00:00"	5.5625	178.35	67.347	88.894	0.07101	26.37	0
"2014-06-22	05:00:00"	5.5165	162.38	66.424	90.661	0.06677	0.25986	0
"2014-06-22	06:00:00"	3.6518	92.465	65.279	91.464	0.06338	26.382	0
"2014-06-22	07:00:00"	2.9861	37.587	64.458	91.924	3.4241	26.394	0
"2014-06-22	08:00:00"	3.1907	62.397	64.832	92.371	86.551	0.264	0
"2014-06-22	09:00:00"	5.3009	126.37	68.598	87.002	246.37	26.406	0
"2014-06-22	10:00:00"	5.8086	143.19	72.782	75.05	463.08	26.397	0
"2014-06-22	11:00:00"	4.3142	125.02	78.135	61.804	648.68	26.394	0
"2014-06-22	12:00:00"	6.1075	129.48	83.039	49.679	801.75	26.382	0
"2014-06-22	13:00:00"	4.2378	186.48	86.421	39.368	913.35	26.373	0
"2014-06-22	14:00:00"	5.3531	217.36	89.166	35.313	971.25	26.353	0
"2014-06-22	15:00:00"	4.6771	223.34	91.697	30.564	963.21	26.332	0
"2014-06-22	16:00:00"	5.0157	227.82	93.645	27.325	734.07	26.323	0
"2014-06-22	17:00:00"	5.8185	243.6	94.043	27.146	580.1	26.308	0
"2014-06-22	18:00:00"	6.0049	246.14	95.04	24.932	631.73	26.294	0
"2014-06-22	19:00:00"	3.8121	225.71	94.193	25.362	236.66	26.285	0
"2014-06-22	20:00:00"	13.657	109.82	91.991	31.861	275.62	26.296	0
"2014-06-22	21:00:00"	17.208	118.06	85.333	42.475	84.282	26.326	0
"2014-06-22	22:00:00"	10.834	114.71	77.729	64.22	0.7379	26.329	0.02
"2014-06-22	23:00:00"	10.6	165.75	78.39	64.797	0.05702	26.329	0
"2014-06-23	00:00:00"	14.38	185.99	78.382	64.295	0.05088	26.317	0
"2014-06-23	01:00:00"	12.933	187.39	76.017	71.586	0.0549	26.308	0
"2014-06-23	02:00:00"	9.6667	185.08	74.021	77.396	0.0672	26.32	0
"2014-06-23	03:00:00"	8.7849	244.03	73.706	78.784	0.06487	26.376	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-23	04:00:00"	4.0955	67.172	73.638	79.778	0.06105	26.347	0
"2014-06-23	05:00:00"	6.0509	96.99	72.132	83.973	0.05405	26.341	0
"2014-06-23	06:00:00"	9.3951	83.054	71.291	81.372	0.0549	26.358	0
"2014-06-23	07:00:00"	15.318	66.517	69.095	71.259	0.79174	26.394	0
"2014-06-23	08:00:00"	14.67	74.113	67.757	72.884	55.992	26.441	0
"2014-06-23	09:00:00"	11.729	71.676	68.474	70.337	230.01	26.471	0
"2014-06-23	10:00:00"	10.63	85.367	70.645	66.661	421.68	26.485	0
"2014-06-23	11:00:00"	10.522	107.79	73.259	66.464	574.92	26.483	0
"2014-06-23	12:00:00"	10.115	144	77	61.679	839.14	26.485	0
"2014-06-23	13:00:00"	8.1455	127.02	80.483	54.796	812.7	26.491	0
"2014-06-23	14:00:00"	7.3657	95.965	82.788	49.31	999.63	26.474	0
"2014-06-23	15:00:00"	7.6752	91.097	84.541	44.079	958.36	26.456	0
"2014-06-23	16:00:00"	7.9635	90.351	85.747	42.202	794	26.444	0
"2014-06-23	17:00:00"	6.7754	112.35	87.427	38.208	822.01	26.426	0
"2014-06-23	18:00:00"	8.2667	113.81	87.445	39.04	559.88	26.415	0
"2014-06-23	19:00:00"	10.479	116.53	87.147	39.153	414.31	26.415	0
"2014-06-23	20:00:00"	9.9426	122.87	85.23	41.547	147.24	26.418	0
"2014-06-23	21:00:00"	9.2957	116.16	83.249	45.924	41.042	26.444	0
"2014-06-23	22:00:00"	8.2245	119.22	80.693	51.747	0.13948	26.465	0
"2014-06-23	23:00:00"	10.802	133.53	79.766	55.07	0.05893	26.506	0
"2014-06-24	00:00:00"	9.5101	121.39	79.062	57.762	0.06359	26.542	0
"2014-06-24	01:00:00"	14.059	261.33	73.023	60.731	0.07377	26.539	0.21
"2014-06-24	02:00:00"	7.9871	312.54	67.945	67.378	0.05236	26.53	0.15
"2014-06-24	03:00:00"	11.357	86.648	72.27	52.934	0.07822	26.483	0
"2014-06-24	04:00:00"	7.8156	74.22	69.184	63.711	0.04388	26.488	0
"2014-06-24	05:00:00"	5.1922	138.58	67.608	71.496	0.06041	26.5	0
"2014-06-24	06:00:00"	3.6543	248.41	67.048	75.85	0.0602	26.527	0
"2014-06-24	07:00:00"	3.0323	2.3886	65.693	81.053	1.3404	26.536	0
"2014-06-24	08:00:00"	2.8111	29.021	66.07	78.728	41.187	26.515	0
"2014-06-24	09:00:00"	1.7026	327.23	69.881	67.996	259.08	26.515	0
"2014-06-24	10:00:00"	5.0437	181.22	74.556	52.994	501.06	26.556	0
"2014-06-24	11:00:00"	7.6932	176.02	75.246	56.441	646.6	26.583	0
"2014-06-24	12:00:00"	11.257	156.4	76.731	56.64	851.45	26.565	0
"2014-06-24	13:00:00"	11.171	160.67	79.166	49.483	951.92	26.556	0
"2014-06-24	14:00:00"	9.3262	163.28	81.271	44.514	1006.9	26.542	0
"2014-06-24	15:00:00"	9.1665	147.87	83.394	39.645	1000	26.521	0
"2014-06-24	16:00:00"	10.041	162.11	84.599	37.462	934.9	26.497	0
"2014-06-24	17:00:00"	9.059	178.12	85.481	34.422	818.35	26.483	0
"2014-06-24	18:00:00"	7.0731	174.37	86.309	31.735	579.08	26.462	0
"2014-06-24	19:00:00"	7.2023	164.57	85.391	31.864	249.11	26.444	0
"2014-06-24	20:00:00"	8.396	145.66	84.377	32.581	140.28	26.438	0
"2014-06-24	21:00:00"	9.881	145.15	83.014	34.453	69.554	26.45	0
"2014-06-24	22:00:00"	11.66	138.54	79.453	45.526	3.645	26.462	0
"2014-06-24	23:00:00"	10.571	140.47	76.762	58.864	0.06762	26.48	0
"2014-06-25	00:00:00"	9.3081	141.68	74.304	64.205	0.04218	26.48	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-25	01:00:00"	9.7847	146.02	72.86	68.56	0.05723	26.483	0
"2014-06-25	02:00:00"	10.688	144.09	71.589	75.363	0.06677	26.485	0
"2014-06-25	03:00:00"	10.476	151.91	70.254	79.666	0.06402	26.474	0
"2014-06-25	04:00:00"	7.1184	141.72	68.65	82.704	0.0496	26.471	0
"2014-06-25	05:00:00"	7.2887	134.04	67.704	85.052	0.04727	26.465	0
"2014-06-25	06:00:00"	7.8709	95.359	66.368	86.571	0.04939	26.477	0
"2014-06-25	07:00:00"	9.3467	88.285	65.567	87.751	2.1544	26.488	0
"2014-06-25	08:00:00"	8.8825	108.58	66.526	87.103	33.98	26.5	0
"2014-06-25	09:00:00"	10.852	133.34	67.792	85.387	80.823	26.509	0
"2014-06-25	10:00:00"	9.3336	141.87	70.672	78.517	344.6	26.53	0
"2014-06-25	11:00:00"	10.259	53.5	71.744	75.491	207.64	26.545	0
"2014-06-25	12:00:00"	17.451	72.346	71.082	76.49	242.03	26.53	0
"2014-06-25	13:00:00"	14.366	75.921	69.848	79.088	97.514	26.536	0
"2014-06-25	14:00:00"	9.927	107.51	68.905	85.375	113.53	26.494	0.05
"2014-06-25	15:00:00"	14.367	134.53	74.999	70.028	915.65	26.465	0
"2014-06-25	16:00:00"	14.421	130.75	81.498	47.292	958.09	26.441	0
"2014-06-25	17:00:00"	10.213	160.46	84.777	36.06	543.31	26.432	0
"2014-06-25	18:00:00"	13.252	181.5	83.788	38.304	341.24	26.441	0
"2014-06-25	19:00:00"	15.718	203.06	80.416	52.886	222.17	26.432	0
"2014-06-25	20:00:00"	15.022	206.76	78.57	56.66	237.19	26.423	0
"2014-06-25	21:00:00"	8.6576	189.13	75.774	65.048	57.967	26.429	0
"2014-06-25	22:00:00"	4.6162	105.29	72.411	73.735	1.7376	26.426	0
"2014-06-25	23:00:00"	4.5515	105.91	70.689	78.423	0.05702	26.45	0
"2014-06-26	00:00:00"	5.2027	118.07	70.312	80.111	0.06508	26.471	0
"2014-06-26	01:00:00"	5.8869	134.01	70.018	81.678	0.0602	26.465	0
"2014-06-26	02:00:00"	4.5292	149.39	69.073	83.886	0.09158	26.444	0
"2014-06-26	03:00:00"	6.1429	180.49	69.466	82.464	0.05172	26.435	0
"2014-06-26	04:00:00"	6.7369	195.06	69.852	81.536	0.06847	26.426	0
"2014-06-26	05:00:00"	5.2189	178.48	68.054	86.072	0.05957	26.412	0
"2014-06-26	06:00:00"	6.9718	185.54	67.453	88.129	0.07695	26.409	0
"2014-06-26	07:00:00"	4.093	129.11	65.83	90.818	0.90494	26.423	0
"2014-06-26	08:00:00"	6.0155	121.22	65.755	92.885	21.241	26.429	0
"2014-06-26	09:00:00"	8.2543	152.14	67.452	92.412	194.63	26.435	0
"2014-06-26	10:00:00"	8.4656	172.42	73.172	75.365	381.61	26.432	0
"2014-06-26	11:00:00"	7.3626	180.85	78.133	59.805	741.3	26.42	0
"2014-06-26	12:00:00"	8.7831	198.7	81.807	46.124	828.91	26.415	0
"2014-06-26	13:00:00"	11.541	199.02	85.032	37.66	949.75	26.403	0
"2014-06-26	14:00:00"	8.5718	202.86	87.088	36.678	1004.5	26.382	0
"2014-06-26	15:00:00"	10.54	193.61	89.004	36.794	994.74	26.358	0
"2014-06-26	16:00:00"	10.64	184.67	90.469	34.208	930.53	26.335	0
"2014-06-26	17:00:00"	8.9639	186.6	92.079	31.208	812.13	26.311	0
"2014-06-26	18:00:00"	9.7021	168.32	92.444	30.382	649.33	26.294	0
"2014-06-26	19:00:00"	11.335	162.47	92.351	29.833	445.97	26.273	0
"2014-06-26	20:00:00"	15.508	166.95	90.256	33.75	237.41	26.276	0
"2014-06-26	21:00:00"	15.027	163.1	86.186	41.851	56.333	26.276	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-26	22:00:00"	14.257	164.69	83.722	45.083	0.54012	26.296	0
"2014-06-26	23:00:00"	15.874	170.43	80.827	50.445	0.05066	26.314	0
"2014-06-27	00:00:00"	14.712	166.44	77.786	56.082	0.05278	26.317	0
"2014-06-27	01:00:00"	14.991	169.63	75.668	61.184	0.0744	26.311	0
"2014-06-27	02:00:00"	15.038	175.57	74.241	65.363	0.05448	26.308	0
"2014-06-27	03:00:00"	16.161	171.52	73.186	68.451	0.05914	26.294	0
"2014-06-27	04:00:00"	15.276	176.83	72.304	70.398	0.03985	26.276	0
"2014-06-27	05:00:00"	13.661	179.88	71.517	74.357	0.06381	26.276	0
"2014-06-27	06:00:00"	12.73	183.65	71.262	76.308	0.06402	26.267	0
"2014-06-27	07:00:00"	10.053	192.31	70.345	77.274	3.4898	26.273	0
"2014-06-27	08:00:00"	10.372	194.89	70.788	76.257	116.59	26.276	0
"2014-06-27	09:00:00"	12.816	194.81	73.794	68.171	225.03	26.288	0
"2014-06-27	10:00:00"	12.588	203.79	77.585	59.056	486.45	26.285	0
"2014-06-27	11:00:00"	12.532	211.48	80.914	50.373	452.92	26.288	0
"2014-06-27	12:00:00"	11.78	214.46	84.073	41.874	499.21	26.285	0
"2014-06-27	13:00:00"	12.97	212.32	90.057	30.973	926.48	26.273	0
"2014-06-27	14:00:00"	12.361	239.11	94.771	20.045	995.6	26.258	0
"2014-06-27	15:00:00"	11.193	235.24	97.04	17.698	1014	26.232	0
"2014-06-27	16:00:00"	14.462	238.49	98.746	16.507	860.21	26.217	0
"2014-06-27	17:00:00"	17.496	241.61	99.467	16.181	808.95	26.19	0
"2014-06-27	18:00:00"	18.671	238.38	99.45	14.986	667.35	26.175	0
"2014-06-27	19:00:00"	17.308	239.51	98.99	12.78	463.11	26.164	0
"2014-06-27	20:00:00"	15.121	236.98	97.903	11.89	242.11	26.172	0
"2014-06-27	21:00:00"	16.793	178.22	88.438	40.878	58.669	26.184	0
"2014-06-27	22:00:00"	15.26	178.27	83.389	50.231	0.7502	26.208	0
"2014-06-27	23:00:00"	16.263	174.14	79.694	59.897	0.06487	26.232	0
"2014-06-28	00:00:00"	17.148	176.32	77.412	65.366	0.05851	26.246	0
"2014-06-28	01:00:00"	16.984	179.67	75.706	71.009	0.08394	26.267	0
"2014-06-28	02:00:00"	15.273	180.08	74.485	72.669	0.0619	26.264	0
"2014-06-28	03:00:00"	14.466	179.2	73.829	71.557	0.05893	26.255	0
"2014-06-28	04:00:00"	14.969	180.51	73.179	72.681	0.06232	26.243	0
"2014-06-28	05:00:00"	13.316	185.53	72.38	74.152	0.05384	26.246	0
"2014-06-28	06:00:00"	11.664	190.89	71.498	75.728	0.06338	26.252	0
"2014-06-28	07:00:00"	10.858	196.61	70.637	77.666	2.3379	26.264	0
"2014-06-28	08:00:00"	8.2885	204.51	70.532	78.129	89.552	26.279	0
"2014-06-28	09:00:00"	10.277	205.32	74.077	68.362	276.71	26.302	0
"2014-06-28	10:00:00"	9.6903	209.37	78.343	54.376	489.77	26.317	0
"2014-06-28	11:00:00"	8.0287	218.5	83.235	40.115	690.55	26.32	0
"2014-06-28	12:00:00"	4.2732	265.94	87.362	29.749	850.51	26.329	0
"2014-06-28	13:00:00"	4.4819	250.82	90.138	26.906	964.71	26.326	0
"2014-06-28	14:00:00"	4.4322	209.06	92.901	22.929	1022.6	26.32	0
"2014-06-28	15:00:00"	5.3512	231.16	95.701	18.859	1017.5	26.305	0
"2014-06-28	16:00:00"	6.0049	255.04	97.692	15.166	954.44	26.299	0
"2014-06-28	17:00:00"	8.0163	238.24	99.076	12.536	836.22	26.291	0
"2014-06-28	18:00:00"	8.9633	249.99	99.312	12.344	663.22	26.279	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-28	19:00:00"	6.9842	272.62	99.439	12.441	462.26	26.27	0
"2014-06-28	20:00:00"	5.2816	262.67	98.83	12.544	250.89	26.279	0
"2014-06-28	21:00:00"	1.8834	298.36	96.416	14.846	59.06	26.294	0
"2014-06-28	22:00:00"	6.2243	98.709	90.073	24.1	0.68872	26.317	0
"2014-06-28	23:00:00"	14.245	166.05	83.733	51.012	0.03053	26.344	0
"2014-06-29	00:00:00"	14.476	168.57	80.434	57.756	0.04854	26.361	0
"2014-06-29	01:00:00"	13.544	175.74	78.315	63.804	0.07017	26.373	0
"2014-06-29	02:00:00"	12.555	177.8	76.616	67.995	0.06656	26.373	0
"2014-06-29	03:00:00"	11.802	175.04	75.361	69.085	0.06741	26.367	0
"2014-06-29	04:00:00"	11.708	176.32	74.872	67.945	0.05469	26.364	0
"2014-06-29	05:00:00"	11.69	178.14	74.791	65.273	0.05935	26.37	0
"2014-06-29	06:00:00"	12.547	181.46	74.568	64.709	0.08204	26.376	0
"2014-06-29	07:00:00"	10.077	180.57	73.719	69.255	2.3894	26.397	0
"2014-06-29	08:00:00"	8.8085	181.4	73.318	71.654	86.356	26.406	0
"2014-06-29	09:00:00"	12.642	187.26	76.052	66.49	272.31	26.42	0
"2014-06-29	10:00:00"	13.582	190.74	79.723	58.669	484.31	26.423	0
"2014-06-29	11:00:00"	11.738	195.94	83.529	50.465	684.59	26.42	0
"2014-06-29	12:00:00"	10.471	211.94	88.187	39.092	849.69	26.426	0
"2014-06-29	13:00:00"	9.1814	216.55	92.533	30.273	961.95	26.42	0
"2014-06-29	14:00:00"	8.7452	198.25	96.383	25.04	1015.6	26.406	0
"2014-06-29	15:00:00"	7.9554	210.41	99.35	19.613	1007.6	26.388	0
"2014-06-29	16:00:00"	7.9374	216.59	100.79	16.191	950.17	26.37	0
"2014-06-29	17:00:00"	8.7675	166.9	101.79	14.432	779.05	26.356	0
"2014-06-29	18:00:00"	8.4438	154.09	101.74	14.181	620.31	26.344	0
"2014-06-29	19:00:00"	13.386	159.59	99.858	19.653	432.42	26.326	0
"2014-06-29	20:00:00"	18.281	166.05	95.304	29.096	235.6	26.35	0
"2014-06-29	21:00:00"	18.219	160.61	89.641	37.482	55.757	26.37	0
"2014-06-29	22:00:00"	16.013	166.63	85.31	44.458	0.63488	26.385	0
"2014-06-29	23:00:00"	14.534	161.92	82.113	50.828	0.05639	26.406	0
"2014-06-30	00:00:00"	15.357	162.96	79.704	54.781	0.06126	26.412	0
"2014-06-30	01:00:00"	13.54	167.68	78.164	54.971	0.05533	26.409	0
"2014-06-30	02:00:00"	14.324	174.91	77.451	54.922	0.04473	26.397	0
"2014-06-30	03:00:00"	13.449	176.2	77.038	55.05	0.05957	26.394	0
"2014-06-30	04:00:00"	12.416	181.12	76.536	55.437	0.05003	26.382	0
"2014-06-30	05:00:00"	12.78	181.1	76.179	56.043	0.05766	26.379	0
"2014-06-30	06:00:00"	12.351	176.98	75.116	58.759	0.03879	26.379	0
"2014-06-30	07:00:00"	12.596	175.89	73.603	66.515	2.4999	26.382	0
"2014-06-30	08:00:00"	13.775	174.47	73.454	70.745	85.315	26.394	0
"2014-06-30	09:00:00"	14.605	180.96	75.364	67.955	258.25	26.406	0
"2014-06-30	10:00:00"	14.641	182.63	78.738	60.47	474.56	26.406	0
"2014-06-30	11:00:00"	14.5	191.55	82.167	53.086	674.62	26.394	0
"2014-06-30	12:00:00"	13.793	189.02	85.968	46.177	839.13	26.388	0
"2014-06-30	13:00:00"	12.879	193.78	89.669	39.818	954.65	26.37	0
"2014-06-30	14:00:00"	12.54	190.67	93.322	34.01	1012.8	26.347	0
"2014-06-30	15:00:00"	11.233	187.87	96.665	27.772	1009.2	26.329	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-06-30	16:00:00"	9.1211	186.15	99.111	22.027	936.62	26.305	0
"2014-06-30	17:00:00"	8.189	174.46	100.2	19.856	819.41	26.288	0
"2014-06-30	18:00:00"	8.1089	176.68	100.94	18.079	660.73	26.276	0
"2014-06-30	19:00:00"	14.131	178.25	99.726	22.245	427.69	26.267	0
"2014-06-30	20:00:00"	19.589	177.13	93.182	35.788	192.38	26.279	0
"2014-06-30	21:00:00"	17.686	173.43	88.918	42.573	88.234	26.285	0
"2014-06-30	22:00:00"	16.294	159.41	83.557	49.193	0.68024	26.308	0
"2014-06-30	23:00:00"	14.309	168.62	80.1	55.217	0.05575	26.323	0
"2014-07-01	00:00:00"	13.382	170.58	78.609	57.146	0.09009	26.329	0
"2014-07-01	01:00:00"	9.5741	149.94	77.859	57.273	0.03985	26.344	0
"2014-07-01	02:00:00"	10.304	164.57	76.92	57.606	0.04876	26.326	0
"2014-07-01	03:00:00"	9.6971	171.81	76.402	57.766	0.04812	26.314	0
"2014-07-01	04:00:00"	10.403	169.99	76.086	57.215	0.0708	26.296	0
"2014-07-01	05:00:00"	10.143	166.54	75.242	57.298	0.06508	26.305	0
"2014-07-01	06:00:00"	10.866	135.05	74.975	55.127	0.07589	26.311	0
"2014-07-01	07:00:00"	15.915	176.22	75.235	51.935	0.5556	26.305	0
"2014-07-01	08:00:00"	13.36	57.509	77.36	50.425	51.514	26.406	0
"2014-07-01	09:00:00"	18.901	81.972	75.462	54.133	194.9	26.406	0
"2014-07-01	10:00:00"	22.374	96.659	76.12	61.403	425.28	26.394	0
"2014-07-01	11:00:00"	22.045	117.6	76.259	63.833	183.82	26.409	0
"2014-07-01	12:00:00"	11.782	123.64	77.491	61.646	260.47	26.459	0
"2014-07-01	13:00:00"	10.159	101.07	80.372	56.417	700.53	26.465	0
"2014-07-01	14:00:00"	10.432	86.046	82.806	51.028	970.67	26.456	0
"2014-07-01	15:00:00"	9.0279	87.998	84.613	46.41	995.08	26.441	0
"2014-07-01	16:00:00"	10.543	85.197	87.086	42.115	713.57	26.429	0
"2014-07-01	17:00:00"	11.165	85.626	88.004	40.597	507.13	26.412	0
"2014-07-01	18:00:00"	11.536	86.148	89.176	37.813	410.63	26.406	0
"2014-07-01	19:00:00"	14.728	94.432	88.68	38.062	329.58	26.388	0
"2014-07-01	20:00:00"	12.8	108.44	88.519	36.643	207.59	26.406	0
"2014-07-01	21:00:00"	10.625	113.92	86.599	37.351	36.186	26.418	0
"2014-07-01	22:00:00"	8.547	115.03	84.509	39.094	0.34235	26.45	0
"2014-07-01	23:00:00"	9.904	124.4	83.921	36.299	0.05554	26.474	0
"2014-07-02	00:00:00"	11.825	125.75	82.58	35.559	0.05278	26.468	0
"2014-07-02	01:00:00"	8.3158	128.73	80.151	39.498	0.06805	26.477	0
"2014-07-02	02:00:00"	6.0888	102.96	77.942	43.989	0.05215	26.485	0
"2014-07-02	03:00:00"	4.6441	76.808	75.848	47.224	0.06635	26.494	0
"2014-07-02	04:00:00"	4.3962	125.99	76.118	44.712	0.05914	26.483	0
"2014-07-02	05:00:00"	5.0598	145.32	75.613	45.011	0.07334	26.494	0
"2014-07-02	06:00:00"	4.0774	142.5	73.757	50.488	0.05024	26.512	0
"2014-07-02	07:00:00"	4.0333	90.226	73.185	57.637	0.23551	26.545	0
"2014-07-02	08:00:00"	2.7676	78.097	72.729	64.014	17.558	26.577	0
"2014-07-02	09:00:00"	6.123	34.643	72.955	64.594	79.423	26.601	0
"2014-07-02	10:00:00"	14.391	14.08	71.166	62.369	109.46	26.609	0
"2014-07-02	11:00:00"	17.859	18.012	71.526	56.943	344.25	26.609	0
"2014-07-02	12:00:00"	18.019	28.235	73.858	52.587	513.33	26.607	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-02	13:00:00"	15.678	46.055	78.597	45.696	961.02	26.583	0
"2014-07-02	14:00:00"	14.011	62.289	81.83	42.123	895.99	26.568	0
"2014-07-02	15:00:00"	14.448	80.977	83.689	38.278	781.78	26.562	0
"2014-07-02	16:00:00"	13.063	71.925	85.172	35.849	776.49	26.553	0
"2014-07-02	17:00:00"	12.659	73.21	82.013	43.917	172.03	26.512	0.03
"2014-07-02	18:00:00"	23.148	40.198	64.817	84.959	22.607	26.556	1.63
"2014-07-02	19:00:00"	14.409	193.17	63.954	87.418	17.755	26.559	1.2
"2014-07-02	20:00:00"	10.25	182.96	65.42	83.171	8.5663	26.539	0.55
"2014-07-02	21:00:00"	6.7114	19.865	67.263	82.486	2.6114	26.547	0.03
"2014-07-02	22:00:00"	10.75	17.485	68.701	82.116	0.07822	26.571	0.01
"2014-07-02	23:00:00"	10.876	8.1624	67.873	86.528	0.05299	26.607	0
"2014-07-03	00:00:00"	10.661	22.454	67.916	87.029	0.06762	26.615	0.01
"2014-07-03	01:00:00"	4.4285	58.94	68.938	83.754	0.05342	26.621	0.03
"2014-07-03	02:00:00"	4.3707	343.13	69.072	83.552	0.06423	26.642	0
"2014-07-03	03:00:00"	4.0899	347.09	67.991	85.603	0.06529	26.621	0.01
"2014-07-03	04:00:00"	7.3241	40.004	67.585	86.394	0.04748	26.607	0
"2014-07-03	05:00:00"	8.0262	53.288	66.76	88.892	0.06699	26.612	0
"2014-07-03	06:00:00"	8.7396	56.341	66.57	89.635	0.07886	26.609	0
"2014-07-03	07:00:00"	7.3782	65.741	66.138	90.215	0.56599	26.615	0
"2014-07-03	08:00:00"	7.1992	54.047	66.163	90.248	43.252	26.63	0
"2014-07-03	09:00:00"	8.7346	66.568	68.458	85.634	258.1	26.639	0
"2014-07-03	10:00:00"	9.1826	73.913	71.793	76.895	462.61	26.642	0
"2014-07-03	11:00:00"	7.6913	110.22	75.193	65.705	661.7	26.633	0
"2014-07-03	12:00:00"	7.5745	131.41	77.792	58.518	807.3	26.636	0
"2014-07-03	13:00:00"	8.1281	150.67	80.406	51.301	841.16	26.621	0
"2014-07-03	14:00:00"	10.121	147.8	83.014	43.318	921.96	26.609	0
"2014-07-03	15:00:00"	10.944	157.35	84.779	39.436	1038.3	26.592	0
"2014-07-03	16:00:00"	9.9867	148.87	86.092	36.32	895.85	26.565	0
"2014-07-03	17:00:00"	13.532	128	85.01	40.309	628.82	26.562	0
"2014-07-03	18:00:00"	14.905	130.24	85.037	39.803	621.89	26.547	0
"2014-07-03	19:00:00"	16.004	128.1	83.491	41.084	448.61	26.539	0
"2014-07-03	20:00:00"	14.058	139.08	83.039	38.732	237.98	26.545	0
"2014-07-03	21:00:00"	10.409	147.99	82.014	38.078	57.653	26.55	0
"2014-07-03	22:00:00"	7.8069	122.8	78.187	46.184	0.5857	26.574	0
"2014-07-03	23:00:00"	6.2678	103.59	74.937	55.135	0.06805	26.607	0
"2014-07-04	00:00:00"	5.4227	106.78	73.061	58.494	0.07419	26.621	0
"2014-07-04	01:00:00"	5.2127	120.14	71.379	57.947	0.05829	26.627	0
"2014-07-04	02:00:00"	5.4792	134.78	70.026	56.931	0.05088	26.627	0
"2014-07-04	03:00:00"	6.2044	120.62	69.595	57.469	0.06296	26.624	0
"2014-07-04	04:00:00"	5.8825	80.925	66.507	66.669	0.06677	26.624	0
"2014-07-04	05:00:00"	6.246	74.974	64.986	72.797	0.05702	26.624	0
"2014-07-04	06:00:00"	6.5387	89.565	64.536	80.178	0.05957	26.627	0
"2014-07-04	07:00:00"	6.1758	101.03	64.587	82.369	1.8177	26.633	0
"2014-07-04	08:00:00"	6.5225	122.43	66.224	77.076	65.497	26.654	0
"2014-07-04	09:00:00"	9.026	154.03	70.062	67.106	254.48	26.666	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-04	10:00:00"	11.618	168.88	73.551	61.185	463.28	26.672	0
"2014-07-04	11:00:00"	12.092	170.04	76.946	54.728	661.69	26.657	0
"2014-07-04	12:00:00"	11.997	177.25	80.012	47.982	828.63	26.654	0
"2014-07-04	13:00:00"	10.575	178.14	82.227	42.764	943.52	26.651	0
"2014-07-04	14:00:00"	10.084	172.41	84.116	38.244	993.43	26.63	0
"2014-07-04	15:00:00"	10.064	163.59	85.942	34.966	1001.4	26.615	0
"2014-07-04	16:00:00"	11.635	168.48	87.174	31.385	824.41	26.604	0
"2014-07-04	17:00:00"	12.437	156.06	88.141	28.564	794.31	26.589	0
"2014-07-04	18:00:00"	12.977	149.49	88.447	26.981	633.75	26.574	0
"2014-07-04	19:00:00"	12.823	159.72	88.076	24.529	448.45	26.565	0
"2014-07-04	20:00:00"	13.069	161.18	86.65	24.124	234.12	26.574	0
"2014-07-04	21:00:00"	11.981	163.11	84.062	26.871	58.71	26.58	0
"2014-07-04	22:00:00"	8.0847	159	80.195	32.872	0.43625	26.595	0
"2014-07-04	23:00:00"	6.0391	149.48	76.76	38.657	0.08013	26.615	0
"2014-07-05	00:00:00"	6.013	145.8	74.495	42.619	0.06275	26.627	0
"2014-07-05	00:00:00"	5.3687	149	73.94	43.002	0	0	0
"2014-07-05	01:00:00"	5.834	144.56	72.654	45.625	0.0619	26.627	0
"2014-07-05	02:00:00"	5.1847	157.25	70.668	51.688	0.05723	26.63	0
"2014-07-05	03:00:00"	4.5242	158.18	69.212	58.246	0.07356	26.63	0
"2014-07-05	04:00:00"	4.2912	143.05	68.468	61.648	0.06105	26.63	0
"2014-07-05	05:00:00"	4.7802	125.25	67.477	64.266	0.06296	26.63	0
"2014-07-05	06:00:00"	4.5919	131.09	66.911	66.557	0.06932	26.636	0
"2014-07-05	07:00:00"	4.3999	122.74	65.143	69.814	1.8493	26.639	0
"2014-07-05	08:00:00"	4.7672	128.96	66.044	71.947	81.601	26.642	0
"2014-07-05	09:00:00"	10.379	163.6	71.027	67.003	264.26	26.645	0
"2014-07-05	10:00:00"	12.452	176.97	74.67	59.088	474.1	26.639	0
"2014-07-05	11:00:00"	11.564	180.72	77.445	53.397	674.45	26.624	0
"2014-07-05	12:00:00"	10.059	185.18	80.755	46.169	840.26	26.621	0
"2014-07-05	13:00:00"	8.875	175.72	83.559	38.664	957.06	26.612	0
"2014-07-05	14:00:00"	7.8175	184.02	85.609	34.831	1010.2	26.598	0
"2014-07-05	15:00:00"	8.4258	181.12	87.4	29.998	1011.5	26.583	0
"2014-07-05	16:00:00"	8.734	171.7	88.496	28.199	846.73	26.565	0
"2014-07-05	17:00:00"	8.5395	170.19	89.815	26.302	833.99	26.542	0
"2014-07-05	18:00:00"	8.6613	165.15	89.973	25.258	653.75	26.527	0
"2014-07-05	19:00:00"	8.9863	171.84	89.573	25.016	448.27	26.512	0
"2014-07-05	20:00:00"	8.5581	154.93	88.335	25.92	225.38	26.515	0
"2014-07-05	21:00:00"	9.0621	153.56	85.549	28.465	45.45	26.53	0
"2014-07-05	22:00:00"	9.5921	153.81	82.111	34.058	0.27451	26.542	0
"2014-07-05	23:00:00"	11.93	162.08	80.174	39.075	0.06889	26.553	0
"2014-07-06	00:00:00"	12.665	166.81	78.387	42.071	0.05299	26.559	0
"2014-07-06	01:00:00"	9.7462	172.12	75.999	47.568	0.05681	26.556	0
"2014-07-06	02:00:00"	9.3734	176.78	74.718	50.664	0.0831	26.545	0
"2014-07-06	03:00:00"	8.6197	181.25	73.256	53.977	0.06147	26.536	0
"2014-07-06	04:00:00"	6.6748	173.88	71.693	57.847	0.07292	26.53	0
"2014-07-06	05:00:00"	6.6201	166.56	70.962	60.482	0.06635	26.524	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-06	06:00:00"	5.0785	162.35	69.396	64.755	0.0566	26.521	0
"2014-07-06	07:00:00"	4.0582	91.041	67.654	70.327	1.0379	26.542	0
"2014-07-06	08:00:00"	4.3123	47.37	66.676	74.487	56.999	26.562	0
"2014-07-06	09:00:00"	4.0066	66.397	69.928	66.293	181.68	26.577	0
"2014-07-06	10:00:00"	5.071	122.69	71.865	63.307	203.39	26.571	0
"2014-07-06	11:00:00"	4.5876	176.22	73.188	61.295	272.5	26.562	0
"2014-07-06	12:00:00"	3.5263	153.21	75.323	57.62	437.29	26.562	0
"2014-07-06	13:00:00"	3.6816	122.79	78.108	53.122	423.29	26.556	0
"2014-07-06	14:00:00"	3.4946	153.75	81.182	46.174	550.54	26.545	0
"2014-07-06	15:00:00"	4.6286	185.96	82.64	42.186	362.4	26.53	0
"2014-07-06	16:00:00"	4.6292	248.39	83.151	41.9	343.52	26.512	0
"2014-07-06	17:00:00"	5.6831	232.31	82.812	42.881	339.27	26.491	0
"2014-07-06	18:00:00"	4.0899	231.78	82.63	41.351	217.25	26.471	0
"2014-07-06	19:00:00"	3.64	258.03	84.285	37.787	325.03	26.468	0
"2014-07-06	20:00:00"	3.2877	298.6	84.058	36.695	173.81	26.468	0
"2014-07-06	21:00:00"	1.6497	272.9	81.02	43.731	34.346	26.471	0
"2014-07-06	22:00:00"	2.4029	339.6	77.751	49.151	0.26943	26.483	0
"2014-07-06	23:00:00"	4.5969	66.398	73.868	58.169	0.0672	26.503	0
"2014-07-07	00:00:00"	4.6479	146.56	73.913	53.829	0.04833	26.518	0
"2014-07-07	01:00:00"	3.8829	159.58	72.846	54.118	0.06338	26.524	0
"2014-07-07	02:00:00"	3.2125	137.03	72.175	54.467	0.08331	26.515	0
"2014-07-07	03:00:00"	3.2137	118.84	70.957	59.183	0.06635	26.506	0
"2014-07-07	04:00:00"	4.6447	132.75	70.084	63.423	0.04579	26.5	0
"2014-07-07	05:00:00"	4.1122	135.91	69.399	66.207	0.07377	26.494	0
"2014-07-07	06:00:00"	2.4992	109.33	69.302	65.916	0.05024	26.494	0
"2014-07-07	07:00:00"	2.7999	66.248	68.797	66.33	4.2254	26.5	0
"2014-07-07	08:00:00"	3.7257	91.099	67.773	71.831	86.214	26.515	0
"2014-07-07	09:00:00"	7.1656	140.78	73.423	59.233	264.06	26.521	0
"2014-07-07	10:00:00"	7.6497	165.23	77.217	49.997	476.29	26.521	0
"2014-07-07	11:00:00"	5.8123	185.76	79.793	44.625	675.12	26.518	0
"2014-07-07	12:00:00"	5.2344	135.9	82.587	37.931	841.77	26.512	0
"2014-07-07	13:00:00"	7.8448	157	84.688	33.841	912.51	26.503	0
"2014-07-07	14:00:00"	8.089	155.3	86.227	30.948	1026.6	26.485	0
"2014-07-07	15:00:00"	7.2241	155.02	87.558	27.423	987	26.474	0
"2014-07-07	16:00:00"	7.2328	148.62	88.664	27.259	882.9	26.459	0
"2014-07-07	17:00:00"	7.8199	160.79	89.466	26.337	859.17	26.438	0
"2014-07-07	18:00:00"	8.7806	159.25	89.925	25.33	692.46	26.42	0
"2014-07-07	19:00:00"	9.0764	161.72	89.589	25.014	423.55	26.409	0
"2014-07-07	20:00:00"	8.8775	152.94	88.745	25.269	235.87	26.406	0
"2014-07-07	21:00:00"	7.9405	140.48	86.079	29.172	60.989	26.42	0
"2014-07-07	22:00:00"	7.7609	140.94	82.633	33.484	0.57955	26.447	0
"2014-07-07	23:00:00"	8.3009	154	80.439	36.395	0.06253	26.468	0
"2014-07-08	00:00:00"	10.875	165.68	79.582	36.56	0.05978	26.485	0
"2014-07-08	01:00:00"	11.088	172.22	77.858	39.96	0.07758	26.5	0
"2014-07-08	02:00:00"	11.093	171.98	75.745	43.718	0.05045	26.485	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-08	03:00:00"	9.7847	175.52	73.842	49.999	0.05299	26.474	0
"2014-07-08	04:00:00"	7.9827	175.72	72.488	54.922	0.05575	26.48	0
"2014-07-08	05:00:00"	5.199	174.8	70.463	60.013	0.0513	26.483	0
"2014-07-08	06:00:00"	4.3838	167.53	68.48	65.239	0.05702	26.477	0
"2014-07-08	07:00:00"	2.9273	219.79	67.455	67.863	1.4044	26.491	0
"2014-07-08	08:00:00"	3.4225	185.51	68	68.102	78.13	26.503	0
"2014-07-08	09:00:00"	8.1586	179.67	72.459	60.281	260.91	26.518	0
"2014-07-08	10:00:00"	8.2089	196.04	75.841	54.256	471.45	26.533	0
"2014-07-08	11:00:00"	7.019	190.05	79.522	47.015	671.12	26.533	0
"2014-07-08	12:00:00"	5.1971	188.34	83.027	39.67	872.12	26.536	0
"2014-07-08	13:00:00"	3.8792	136.95	85.468	35.488	963.72	26.536	0
"2014-07-08	14:00:00"	4.1825	216.93	87.534	32.044	993.68	26.521	0
"2014-07-08	15:00:00"	4.5025	143.67	88.683	30.037	945.24	26.512	0
"2014-07-08	16:00:00"	3.9159	41.706	89.24	30.138	723	26.497	0
"2014-07-08	17:00:00"	6.2081	80.305	90.343	27.063	759.09	26.48	0
"2014-07-08	18:00:00"	8.9912	82.287	90.872	24.595	556.57	26.462	0
"2014-07-08	19:00:00"	8.0244	123.46	91.318	23.114	472.21	26.453	0
"2014-07-08	20:00:00"	10.14	116.66	89.799	25.708	225.52	26.462	0
"2014-07-08	21:00:00"	9.5728	127.24	86.992	30.021	55.902	26.48	0
"2014-07-08	22:00:00"	6.0801	130.91	82.53	36.703	0.24717	26.506	0
"2014-07-08	23:00:00"	7.0091	151.49	81.049	39.835	0.0619	26.53	0
"2014-07-09	00:00:00"	7.7019	163.75	79.747	42.925	0.07822	26.542	0
"2014-07-09	01:00:00"	7.5565	171.74	78.175	46.148	0.05596	26.542	0
"2014-07-09	02:00:00"	7.4036	176.85	76.592	48.83	0.06508	26.542	0
"2014-07-09	03:00:00"	7.1302	176.15	74.676	54.332	0.05702	26.527	0
"2014-07-09	04:00:00"	6.2237	169.8	72.243	60.969	0.05215	26.527	0
"2014-07-09	05:00:00"	6.1286	168.21	71.012	64.198	0.05851	26.524	0
"2014-07-09	06:00:00"	4.4204	156.54	69.583	67.341	0.05596	26.518	0
"2014-07-09	07:00:00"	4.1893	138.73	68.78	69.651	1.3652	26.527	0
"2014-07-09	08:00:00"	3.7972	124.58	69.248	69.777	76.346	26.539	0
"2014-07-09	09:00:00"	6.4859	148.41	73.697	61.627	259.43	26.545	0
"2014-07-09	10:00:00"	7.8926	164.71	77.199	55.032	467.42	26.556	0
"2014-07-09	11:00:00"	7.0532	153.55	80.206	49.637	669.52	26.553	0
"2014-07-09	12:00:00"	8.1592	140.27	83.09	42.534	834.84	26.547	0
"2014-07-09	13:00:00"	9.4057	122.45	85.801	35.492	948.78	26.536	0
"2014-07-09	14:00:00"	11.077	128.61	87.926	31.533	1001.7	26.518	0
"2014-07-09	15:00:00"	11.188	141.5	88.592	30.994	901.64	26.509	0
"2014-07-09	16:00:00"	11.408	148.3	89.426	30.37	982.68	26.488	0
"2014-07-09	17:00:00"	11.462	148.28	89.48	30.486	766.22	26.474	0
"2014-07-09	18:00:00"	11.481	148.19	89.728	29.368	629.44	26.453	0
"2014-07-09	19:00:00"	12.071	139.16	88.993	30.383	432.78	26.441	0
"2014-07-09	20:00:00"	11.64	147.96	87.268	32.639	164.33	26.456	0
"2014-07-09	21:00:00"	11.043	160.33	85.12	35.997	44.187	26.474	0
"2014-07-09	22:00:00"	7.9051	151.86	81.946	40.526	0.25077	26.494	0
"2014-07-09	23:00:00"	6.5281	157.09	79.32	44.952	0.05575	26.512	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-10"	00:00:00"	5.5998	168.04	76.944	50.137	0.05384	26.515	0
"2014-07-10"	01:00:00"	6.0571	165.1	75.286	52.834	0.04897	26.518	0
"2014-07-10"	02:00:00"	6.6213	167.05	74.75	56.214	0.0761	26.509	0
"2014-07-10"	03:00:00"	4.984	164.9	72.744	62.119	0.0761	26.5	0
"2014-07-10"	04:00:00"	4.4782	148.4	70.607	64.303	0.06614	26.485	0
"2014-07-10"	05:00:00"	5.3954	138.64	69.773	62.441	0.07292	26.48	0
"2014-07-10"	06:00:00"	5.8546	125.53	67.838	64.043	0.06338	26.48	0
"2014-07-10"	07:00:00"	6.8183	144.42	67.494	63.533	1.178	26.485	0
"2014-07-10"	08:00:00"	6.1087	137.4	67.528	66.195	76.01	26.503	0
"2014-07-10"	09:00:00"	8.6165	153.41	71.791	59.761	257.61	26.524	0
"2014-07-10"	10:00:00"	11.348	171.28	75.226	53.604	436.69	26.527	0
"2014-07-10"	11:00:00"	11.27	174.16	78.103	46.862	589.22	26.533	0
"2014-07-10"	12:00:00"	10.443	163.63	80.142	41.959	718.07	26.527	0
"2014-07-10"	13:00:00"	10.917	155.23	83.638	35.829	956.9	26.515	0
"2014-07-10"	14:00:00"	10.95	155.25	85.819	32.812	1009.8	26.497	0
"2014-07-10"	15:00:00"	12.256	146.89	87.228	30.716	1003	26.477	0
"2014-07-10"	16:00:00"	13.391	162.45	88.273	28.19	940.94	26.456	0
"2014-07-10"	17:00:00"	13.927	163.01	88.607	26.191	820.03	26.444	0
"2014-07-10"	18:00:00"	12.459	154.55	88.733	26.049	651.07	26.429	0
"2014-07-10"	19:00:00"	11.286	158.83	88.463	27.252	459.35	26.429	0
"2014-07-10"	20:00:00"	10.801	161.4	87.193	28.797	245.62	26.441	0
"2014-07-10"	21:00:00"	9.6362	162.68	84.641	32.204	62.051	26.456	0
"2014-07-10"	22:00:00"	8.6476	158.03	81.18	37.105	0.34086	26.48	0
"2014-07-10"	23:00:00"	7.5111	154.54	78.556	40.983	0.0407	26.509	0
"2014-07-11"	00:00:00"	6.7611	155.92	75.745	46.477	0.04812	26.524	0
"2014-07-11"	01:00:00"	8.8583	171.73	75.066	51.451	0.05702	26.533	0
"2014-07-11"	02:00:00"	11.948	177.88	73.399	57.865	0.07144	26.53	0
"2014-07-11"	03:00:00"	8.1151	178.29	70.929	59.627	0.06911	26.527	0
"2014-07-11"	04:00:00"	8.2586	178.85	69.346	65.397	0.07546	26.521	0
"2014-07-11"	05:00:00"	6.6288	174.69	67.721	71.029	0.05851	26.521	0
"2014-07-11"	06:00:00"	5.9707	160.5	66.475	75.142	0.07059	26.524	0
"2014-07-11"	07:00:00"	3.9998	129.48	64.29	80.525	1.4588	26.527	0
"2014-07-11"	08:00:00"	3.0099	88.917	64.897	79.598	79.275	26.547	0
"2014-07-11"	09:00:00"	8.2332	142.76	69.058	70.936	261.2	26.562	0
"2014-07-11"	10:00:00"	11.179	154.27	71.449	66.739	480.18	26.574	0
"2014-07-11"	11:00:00"	10.414	160.39	73.494	62.556	637.54	26.571	0
"2014-07-11"	12:00:00"	10.658	156.16	76.012	56.939	852.59	26.574	0
"2014-07-11"	13:00:00"	10.611	149.02	78.594	50.256	983.03	26.565	0
"2014-07-11"	14:00:00"	10.758	154.31	80.118	46.479	848.22	26.553	0
"2014-07-11"	15:00:00"	10.706	159.09	81.699	43.55	781.43	26.536	0
"2014-07-11"	16:00:00"	10.858	153.27	83.386	40.979	835.16	26.524	0
"2014-07-11"	17:00:00"	10.867	147.34	84.405	39.615	791.4	26.509	0
"2014-07-11"	18:00:00"	11.84	141.74	84.158	39.443	523.68	26.503	0
"2014-07-11"	19:00:00"	14.518	134.92	82.556	42.285	325.65	26.494	0
"2014-07-11"	20:00:00"	13.915	139.45	81.229	44.867	251.81	26.5	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-11	21:00:00"	13.624	141.41	79.025	50.161	64.796	26.521	0
"2014-07-11	22:00:00"	13.072	147.87	76.402	56.919	0.3468	26.553	0
"2014-07-11	23:00:00"	12.522	151.51	73.518	64.233	0.06063	26.583	0
"2014-07-12	00:00:00"	6.712	147.22	71.352	69.529	0.085	26.598	0
"2014-07-12	01:00:00"	7.4358	144.24	71.214	68.631	0.0723	26.607	0
"2014-07-12	02:00:00"	8.1859	140.45	70.806	72.551	0.0761	26.589	0
"2014-07-12	03:00:00"	7.1849	124.35	69.617	75.165	0.0672	26.574	0
"2014-07-12	04:00:00"	8.4196	134.78	69.302	72.138	0.05681	26.571	0
"2014-07-12	05:00:00"	7.9411	129.16	68.384	74.939	0.07462	26.565	0
"2014-07-12	06:00:00"	9.095	138.36	68.214	74.796	0.0708	26.571	0
"2014-07-12	07:00:00"	5.8241	122.8	67.437	77.132	0.91003	26.586	0
"2014-07-12	08:00:00"	7.3974	154.06	68.738	76.941	42.349	26.595	0
"2014-07-12	09:00:00"	11.45	161.8	70.59	74.314	189.25	26.598	0
"2014-07-12	10:00:00"	13.125	166.48	72.74	69.653	356.13	26.609	0
"2014-07-12	11:00:00"	11.97	166.12	75.536	63.418	650.5	26.604	0
"2014-07-12	12:00:00"	11.193	175.31	78.345	56.763	756.22	26.609	0
"2014-07-12	13:00:00"	10.449	165.81	81.391	50.38	971.69	26.601	0
"2014-07-12	14:00:00"	8.2934	172.8	83.391	45.601	936.6	26.586	0
"2014-07-12	15:00:00"	7.9492	154.17	85.15	42.019	877.61	26.568	0
"2014-07-12	16:00:00"	8.2108	175.44	87.251	37.469	882.37	26.553	0
"2014-07-12	17:00:00"	10.195	154.48	88.554	34.171	832.21	26.527	0
"2014-07-12	18:00:00"	10.144	158.38	88.662	34.309	505.48	26.521	0
"2014-07-12	19:00:00"	11.943	158.56	88.319	34.283	374.37	26.524	0
"2014-07-12	20:00:00"	13.543	169.48	86.658	36.465	189.46	26.527	0
"2014-07-12	21:00:00"	11.946	176.85	83.694	40.008	9.7557	26.53	0
"2014-07-12	22:00:00"	10.232	165.62	81.125	44.336	0.25607	26.545	0
"2014-07-12	23:00:00"	10.693	164.23	79.213	49.467	0.07165	26.565	0
"2014-07-13	00:00:00"	10.022	170.13	77.41	52.15	0.06826	26.583	0
"2014-07-13	01:00:00"	9.0217	171.03	75.615	54.861	0.0672	26.592	0
"2014-07-13	02:00:00"	6.9395	162.7	73.957	57.813	0.06508	26.598	0
"2014-07-13	03:00:00"	4.577	151.85	71.63	62.361	0.04982	26.598	0
"2014-07-13	04:00:00"	3.7369	90.939	69.633	66.449	0.0566	26.604	0
"2014-07-13	05:00:00"	4.7485	54.291	66.942	71.423	0.05003	26.592	0
"2014-07-13	06:00:00"	5.355	86.77	65.751	74.118	0.06211	26.583	0
"2014-07-13	07:00:00"	5.7185	94.642	66.115	75.441	1.1778	26.589	0
"2014-07-13	08:00:00"	6.1118	70.532	65.823	76.562	69.139	26.607	0
"2014-07-13	09:00:00"	7.2247	119.91	71.279	65.955	251.42	26.621	0
"2014-07-13	10:00:00"	8.9316	162.75	75.335	57.943	464.47	26.621	0
"2014-07-13	11:00:00"	8.2158	163.51	78.751	50.764	664.21	26.618	0
"2014-07-13	12:00:00"	7.4639	151.95	81.955	42.658	831.52	26.618	0
"2014-07-13	13:00:00"	7.38	137.97	84.579	37.137	948	26.607	0
"2014-07-13	14:00:00"	8.6774	161.5	86.864	33.543	1004.6	26.589	0
"2014-07-13	15:00:00"	8.276	144.99	88.766	30.849	986.24	26.574	0
"2014-07-13	16:00:00"	9.0509	157.41	90.176	28.308	916.68	26.556	0
"2014-07-13	17:00:00"	9.3131	151.07	90.726	27.247	702.18	26.533	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-13	18:00:00"	9.7692	146.07	91.219	26.791	595.47	26.521	0
"2014-07-13	19:00:00"	8.6389	160.92	90.654	27.647	369.62	26.515	0
"2014-07-13	20:00:00"	9.6244	145.39	90.135	28.999	269.14	26.515	0
"2014-07-13	21:00:00"	8.2425	146.57	87.445	31.996	59.043	26.524	0
"2014-07-13	22:00:00"	5.4866	147.18	82.882	37.041	0.28872	26.524	0
"2014-07-13	23:00:00"	4.1309	141.2	78.94	42.912	0.06211	26.545	0
"2014-07-14	00:00:00"	3.3622	150.43	77.077	46.532	0.05278	26.571	0
"2014-07-14	01:00:00"	3.8214	160.98	76.093	48.33	0.04388	26.574	0
"2014-07-14	02:00:00"	5.6104	167.99	74.016	53.389	0.06847	26.571	0
"2014-07-14	03:00:00"	5.2201	175.02	72.707	56.514	0.05109	26.568	0
"2014-07-14	04:00:00"	4.3322	182.9	70.767	60.091	0.07144	26.559	0
"2014-07-14	05:00:00"	4.4024	170.25	69.192	63.252	0.05808	26.556	0
"2014-07-14	06:00:00"	4.9411	171.25	68.949	64.019	0.05427	26.556	0
"2014-07-14	07:00:00"	3.4343	228.9	68.695	65.116	0.74702	26.568	0
"2014-07-14	08:00:00"	2.1779	310.83	69.379	65.026	57.365	26.577	0
"2014-07-14	09:00:00"	2.3009	309.21	73.771	58.671	236.87	26.598	0
"2014-07-14	10:00:00"	2.1916	106.09	78.322	49.022	428.16	26.592	0
"2014-07-14	11:00:00"	4.5167	173.91	81.147	42.022	661.38	26.592	0
"2014-07-14	12:00:00"	2.6669	142.05	84.519	35.132	829.25	26.583	0
"2014-07-14	13:00:00"	4.5286	134.08	88.05	29.392	945.87	26.565	0
"2014-07-14	14:00:00"	6.8369	107.8	90.643	25.677	963.89	26.545	0
"2014-07-14	15:00:00"	7.6975	102.29	92.058	24.119	991.89	26.518	0
"2014-07-14	16:00:00"	8.3935	102.59	92.851	23.158	834.27	26.503	0
"2014-07-14	17:00:00"	7.4074	127.53	92.468	23.163	552.07	26.494	0
"2014-07-14	18:00:00"	6.927	123.45	93.465	21.435	629.31	26.485	0
"2014-07-14	19:00:00"	7.7578	78.264	91.901	23.821	266.74	26.48	0
"2014-07-14	20:00:00"	11.897	38.263	89.278	29.179	242.25	26.468	0
"2014-07-14	21:00:00"	7.0103	52.985	87.431	29.453	43.993	26.485	0
"2014-07-14	22:00:00"	5.9123	61.978	84.46	31.696	0.18167	26.509	0
"2014-07-14	23:00:00"	5.6166	64.281	82.352	34.072	0.06529	26.527	0
"2014-07-15	00:00:00"	13.548	78.538	80.848	39.439	0.05872	26.55	0
"2014-07-15	01:00:00"	20.122	44.267	75.657	54.093	0.04642	26.601	0
"2014-07-15	02:00:00"	19.179	28.921	70.239	65.182	0.06741	26.607	0
"2014-07-15	03:00:00"	16.154	38.918	69.455	65.86	0.06084	26.612	0
"2014-07-15	04:00:00"	14.037	41.413	69.692	67.588	0.09666	26.595	0
"2014-07-15	05:00:00"	9.3821	47.285	70.112	65.985	0.05935	26.607	0
"2014-07-15	06:00:00"	8.2773	34.694	70.331	65.387	0.06571	26.607	0
"2014-07-15	07:00:00"	9.3429	48.703	68.225	77.186	0.06529	26.607	0.03
"2014-07-15	08:00:00"	12.109	59.108	65.267	88.186	0.545	26.609	0.14
"2014-07-15	09:00:00"	8.9695	48.134	65.291	88.948	5.4239	26.627	0.14
"2014-07-15	10:00:00"	8.3705	75.862	65.294	89.827	29.469	26.624	0.06
"2014-07-15	11:00:00"	7.6571	76.676	66.62	86.439	273.13	26.621	0.01
"2014-07-15	12:00:00"	5.1903	43.022	70.677	75.984	443.2	26.621	0
"2014-07-15	13:00:00"	5.1394	46.326	73.401	68.962	611.9	26.607	0
"2014-07-15	14:00:00"	5.9869	59.396	75.624	62.624	651.46	26.595	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-15	15:00:00"	5.3823	91.536	79.001	53.649	1039.2	26.574	0
"2014-07-15	16:00:00"	4.8187	99.326	81.177	47.704	1022.7	26.547	0
"2014-07-15	17:00:00"	5.3177	80.531	82.251	45.151	798.32	26.527	0
"2014-07-15	18:00:00"	6.9848	88.575	82.453	46.822	451.43	26.5	0
"2014-07-15	19:00:00"	8.9049	93.343	82.949	45.986	412.82	26.48	0
"2014-07-15	20:00:00"	8.0107	101.01	82.868	43.966	248.44	26.48	0
"2014-07-15	21:00:00"	12.334	102.43	80.537	49.631	52.565	26.488	0
"2014-07-15	22:00:00"	10.021	113.03	78.259	54.281	0.19036	26.524	0
"2014-07-15	23:00:00"	12.887	121.17	75.602	60.549	0.04897	26.536	0
"2014-07-16	00:00:00"	10.392	118.29	73.388	67.778	0.04706	26.521	0
"2014-07-16	01:00:00"	10.134	135.31	72.246	70.202	0.06363	26.515	0
"2014-07-16	02:00:00"	7.9293	133.05	70.987	73.602	0.04876	26.518	0
"2014-07-16	03:00:00"	3.6089	136.12	70.138	77.372	0.06423	26.524	0
"2014-07-16	04:00:00"	2.1928	128.13	69.464	80.608	0.05109	26.509	0
"2014-07-16	05:00:00"	3.2286	115	68.593	83.632	0.09094	26.506	0
"2014-07-16	06:00:00"	1.7809	169.29	68.499	82.444	0.07144	26.497	0
"2014-07-16	07:00:00"	2.6564	169.85	68.188	83.653	0.27324	26.503	0
"2014-07-16	08:00:00"	3.2212	196.53	68.054	82.737	28.842	26.503	0
"2014-07-16	09:00:00"	2.5862	215.87	69.315	79.319	103.47	26.506	0
"2014-07-16	10:00:00"	4.8287	200.36	71.079	73.302	261.81	26.494	0
"2014-07-16	11:00:00"	3.3219	217.09	74.02	64.633	499.11	26.471	0
"2014-07-16	12:00:00"	4.5714	189.61	77.104	55.738	750.95	26.468	0
"2014-07-16	13:00:00"	4.1278	170.52	80.5	47.164	940.7	26.459	0
"2014-07-16	14:00:00"	4.8473	227.86	82.414	43.409	972.46	26.447	0
"2014-07-16	15:00:00"	5.8651	166.1	84.58	37.373	1017	26.426	0
"2014-07-16	16:00:00"	6.3479	182.47	86.754	32.154	951.66	26.394	0
"2014-07-16	17:00:00"	5.9409	195.1	88.199	31.801	793.46	26.361	0
"2014-07-16	18:00:00"	4.8666	200.99	88.699	31.304	396.41	26.347	0
"2014-07-16	19:00:00"	6.4169	205.32	88.138	32.573	257.78	26.332	0
"2014-07-16	20:00:00"	4.1613	178.95	87.375	34.309	121.01	26.332	0
"2014-07-16	21:00:00"	4.6286	139.66	85.929	37.124	44.681	26.341	0
"2014-07-16	22:00:00"	12.327	183.71	81.057	49.007	0.09369	26.344	0
"2014-07-16	23:00:00"	8.5339	181.75	77.631	57.52	0.04091	26.364	0
"2014-07-17	00:00:00"	6.1777	174.19	75.574	61.318	0.04494	26.385	0
"2014-07-17	01:00:00"	4.9355	169.08	74.524	65.301	0.06447	26.376	0
"2014-07-17	02:00:00"	4.2036	138.94	73.596	68.287	0.0655	26.358	0
"2014-07-17	03:00:00"	5.5066	148.99	73.328	69.969	0.05596	26.358	0
"2014-07-17	04:00:00"	6.4287	146.38	72.621	73.604	0.07292	26.358	0
"2014-07-17	05:00:00"	6.9333	175.13	72.332	69.197	0.06232	26.35	0
"2014-07-17	06:00:00"	6.2696	163.31	71.09	69.805	0.04579	26.35	0
"2014-07-17	07:00:00"	4.1638	135.69	70.3	73.66	0.08267	26.358	0
"2014-07-17	08:00:00"	3.6282	53.537	69.991	77.621	10.275	26.379	0.04
"2014-07-17	09:00:00"	8.3487	53.523	68.744	87.291	50.812	26.394	0
"2014-07-17	10:00:00"	9.0478	67.19	69.03	85.961	190.84	26.418	0
"2014-07-17	11:00:00"	10.046	75.233	69.967	84.164	258.88	26.415	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-17	12:00:00"	7.5509	74.713	73.098	74.487	477.64	26.429	0
"2014-07-17	13:00:00"	7.9846	41.696	73.707	73.034	174.91	26.429	0
"2014-07-17	14:00:00"	9.4492	61.239	73.792	72.92	410.55	26.423	0
"2014-07-17	15:00:00"	10.182	45.213	76.862	63.849	572.98	26.423	0
"2014-07-17	16:00:00"	12.678	61.032	78.581	59.2	882.19	26.412	0
"2014-07-17	17:00:00"	11.162	69.734	79.954	55.564	779.63	26.406	0
"2014-07-17	18:00:00"	10.57	65.71	80.654	52.671	626.18	26.397	0
"2014-07-17	19:00:00"	13.48	73.5	78.969	55.934	382.87	26.415	0
"2014-07-17	20:00:00"	12.287	76.624	76.541	60.338	91.598	26.418	0
"2014-07-17	21:00:00"	13.31	74.903	72.876	67.952	29.581	26.441	0
"2014-07-17	22:00:00"	11.556	72.263	70.881	71.549	0.08946	26.459	0
"2014-07-17	23:00:00"	9.484	77.264	69.519	74.507	0.05427	26.497	0
"2014-07-18	00:00:00"	7.0793	71.818	68.551	77.203	0.06147	26.512	0
"2014-07-18	01:00:00"	8.6181	79.626	67.744	77.971	0.06617	26.509	0
"2014-07-18	02:00:00"	9.333	81.819	66.908	78.78	0.06169	26.497	0
"2014-07-18	03:00:00"	6.9718	69.331	66.648	79.29	0.05003	26.497	0
"2014-07-18	04:00:00"	5.5526	53.584	65.71	82.843	0.05766	26.491	0
"2014-07-18	05:00:00"	4.5329	70.237	64.715	86.511	0.05893	26.5	0
"2014-07-18	06:00:00"	6.8419	66.847	64.069	87.023	0.0797	26.515	0
"2014-07-18	07:00:00"	7.7491	83.909	64.502	85.824	0.4265	26.536	0
"2014-07-18	08:00:00"	8.7582	87.069	64.232	85.096	9.5552	26.542	0
"2014-07-18	09:00:00"	8.8483	88.557	64.812	82.604	43.912	26.556	0
"2014-07-18	10:00:00"	8.88	96.823	65.801	78.271	107.87	26.556	0
"2014-07-18	11:00:00"	8.6812	95.268	66.757	76.042	205.31	26.55	0
"2014-07-18	12:00:00"	6.5983	100.36	70.275	67.605	631.88	26.539	0
"2014-07-18	13:00:00"	4.2502	126.73	73.721	60.892	721.08	26.527	0
"2014-07-18	14:00:00"	6.2125	187.55	77.052	56.905	873.02	26.512	0
"2014-07-18	15:00:00"	5.9838	209.45	79.378	53.665	964.23	26.491	0
"2014-07-18	16:00:00"	5.7427	182.47	81.621	50.111	833.7	26.471	0
"2014-07-18	17:00:00"	6.3119	164.02	83.42	46.48	734.14	26.453	0
"2014-07-18	18:00:00"	6.9003	167.97	84.551	44.66	626.92	26.438	0
"2014-07-18	19:00:00"	6.9009	155.49	84.781	42.51	424.05	26.426	0
"2014-07-18	20:00:00"	6.9159	171.59	84.764	43.358	227.48	26.435	0
"2014-07-18	21:00:00"	7.5975	164.55	83.154	46.041	51.079	26.453	0
"2014-07-18	22:00:00"	8.0064	146.11	80.386	51.333	0.29486	26.459	0
"2014-07-18	23:00:00"	6.7369	136.98	77.838	57.218	0.0496	26.465	0
"2014-07-19	00:00:00"	8.1002	144.38	76.056	62.579	0.05448	26.471	0
"2014-07-19	01:00:00"	7.6913	141.06	74.3	68.101	0.05151	26.477	0
"2014-07-19	02:00:00"	7.4968	135.02	72.662	72.292	0.07695	26.48	0
"2014-07-19	03:00:00"	9.1627	135.59	71.516	75.225	0.06211	26.471	0
"2014-07-19	04:00:00"	7.7541	134.35	70.077	78.656	0.06296	26.48	0
"2014-07-19	05:00:00"	7.344	104.01	68.556	82.302	0.07398	26.485	0
"2014-07-19	06:00:00"	7.9759	112.28	67.633	85.685	0.04536	26.494	0
"2014-07-19	07:00:00"	7.7796	143.35	67.931	87.972	0.47059	26.491	0
"2014-07-19	08:00:00"	8.9154	161.87	69.025	86.672	18.956	26.5	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-19	09:00:00"	11.095	164.12	70.641	83.909	92.005	26.503	0
"2014-07-19	10:00:00"	10.926	173.29	73.366	77.711	305.76	26.518	0
"2014-07-19	11:00:00"	10.087	179.31	76.446	70.118	559.08	26.515	0
"2014-07-19	12:00:00"	7.8411	165.59	80.091	61.657	800.36	26.503	0
"2014-07-19	13:00:00"	9.241	166.24	83.669	53.866	916.74	26.485	0
"2014-07-19	14:00:00"	9.2398	156.5	86.52	47.712	969.23	26.474	0
"2014-07-19	15:00:00"	8.5824	160.8	89.393	41.46	966.55	26.459	0
"2014-07-19	16:00:00"	8.5059	161.42	91.359	37.52	909.73	26.444	0
"2014-07-19	17:00:00"	7.0041	165.3	92.87	34.044	800.76	26.426	0
"2014-07-19	18:00:00"	8.7501	163.97	93.08	33.724	627.45	26.415	0
"2014-07-19	19:00:00"	8.5544	159.77	92.938	33.224	427.17	26.412	0
"2014-07-19	20:00:00"	8.8396	143.84	92.277	33.97	219.61	26.412	0
"2014-07-19	21:00:00"	11.612	155.26	88.987	39.389	51.704	26.438	0
"2014-07-19	22:00:00"	9.7008	144.51	86.02	43.788	0.41696	26.441	0
"2014-07-19	23:00:00"	9.3181	160.17	83.813	49.087	0.0496	26.471	0
"2014-07-20	00:00:00"	9.0472	157.93	81.461	54.361	0.05278	26.483	0
"2014-07-20	01:00:00"	5.3556	156.21	79.416	57.457	0.06317	26.509	0
"2014-07-20	02:00:00"	6.1249	153.32	78.018	59.515	0.05193	26.503	0
"2014-07-20	03:00:00"	5.8589	209.29	76.888	62.701	0.06635	26.524	0
"2014-07-20	04:00:00"	5.2643	252.39	75.853	64.442	0.06826	26.491	0
"2014-07-20	05:00:00"	7.4304	220.85	73.842	66.336	0.06995	26.426	0
"2014-07-20	06:00:00"	9.5405	176.95	74.649	66.998	0.0708	26.429	0
"2014-07-20	07:00:00"	7.444	177.98	73.719	70.839	0.32496	26.459	0
"2014-07-20	08:00:00"	4.0402	111.82	72.066	76.721	48.444	26.477	0
"2014-07-20	09:00:00"	7.3278	169.08	74.547	72.605	224.38	26.503	0
"2014-07-20	10:00:00"	9.3237	193.73	76.554	69.057	431.9	26.503	0
"2014-07-20	11:00:00"	8.061	182.61	79.101	63.95	636.2	26.506	0
"2014-07-20	12:00:00"	5.2997	187.35	82.33	55.914	804.22	26.497	0
"2014-07-20	13:00:00"	4.8212	149.64	86.035	48.153	914.58	26.491	0
"2014-07-20	14:00:00"	5.5153	136.59	89.188	40.868	979.19	26.471	0
"2014-07-20	15:00:00"	6.8314	148.34	92.498	33.9	978.5	26.453	0
"2014-07-20	16:00:00"	6.991	148.97	94.824	29.974	915.35	26.435	0
"2014-07-20	17:00:00"	6.7512	157.87	96.346	26.984	801.58	26.415	0
"2014-07-20	18:00:00"	4.1955	166.84	97.276	23.971	636.78	26.397	0
"2014-07-20	19:00:00"	4.4167	180	97.013	23.649	308.97	26.4	0
"2014-07-20	20:00:00"	3.3827	162.84	94.316	27.664	91.347	26.4	0
"2014-07-20	21:00:00"	4.5279	144.25	91.524	32.312	36.278	26.415	0
"2014-07-20	22:00:00"	7.4894	154.99	89.779	35.916	0.13228	26.438	0
"2014-07-20	23:00:00"	9.2584	163.55	87.569	41.076	0.05469	26.465	0
"2014-07-21	00:00:00"	8.1052	174.05	85.69	47.212	0.07144	26.48	0
"2014-07-21	01:00:00"	8.3313	163.21	83.904	49.77	0.05893	26.477	0
"2014-07-21	02:00:00"	9.6542	165.8	82.546	51.364	0.06614	26.483	0
"2014-07-21	03:00:00"	8.5985	172.54	80.791	54.004	0.06275	26.477	0
"2014-07-21	04:00:00"	7.846	171.8	78.89	58.852	0.05575	26.474	0
"2014-07-21	05:00:00"	7.206	180.61	77.4	65.692	0.05893	26.483	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-21	06:00:00"	6.2429	169.58	76.023	70.178	0.06783	26.485	0
"2014-07-21	07:00:00"	4.1228	174.49	74.408	74.928	0.68109	26.5	0
"2014-07-21	08:00:00"	4.5559	154.9	73.885	77.219	44.261	26.512	0
"2014-07-21	09:00:00"	8.7054	159.36	76.86	71.581	201.35	26.521	0
"2014-07-21	10:00:00"	9.5262	162.59	80.211	64.429	428.32	26.536	0
"2014-07-21	11:00:00"	9.3541	163.59	83.303	57.79	627.46	26.539	0
"2014-07-21	12:00:00"	8.5637	163.66	86.252	51.894	792.36	26.53	0
"2014-07-21	13:00:00"	9.4566	163.35	90.136	43.301	889.29	26.521	0
"2014-07-21	14:00:00"	9.617	159.91	93.708	35.233	968.78	26.503	0
"2014-07-21	15:00:00"	8.8819	144.69	95.714	29.739	978.42	26.488	0
"2014-07-21	16:00:00"	8.6072	155.66	97.008	26.266	910.93	26.468	0
"2014-07-21	17:00:00"	9.0459	138.76	97.737	25.358	729.12	26.459	0
"2014-07-21	18:00:00"	566.78	131.45	97.313	24.898	612.59	26.462	0
"2014-07-21	19:00:00"	9.1565	114.89	97.114	24.661	406.67	26.459	0
"2014-07-21	20:00:00"	8.4264	129.03	95.104	26.051	148.87	26.468	0
"2014-07-21	21:00:00"	7.9983	130.24	92.302	28.383	19.514	26.471	0
"2014-07-21	22:00:00"	8.8819	128.33	90.149	30.151	0.08628	26.483	0
"2014-07-21	23:00:00"	9.0111	130.43	88.172	32.75	0.05766	26.512	0
"2014-07-22	00:00:00"	6.315	143.6	85.833	35.715	0.07207	26.542	0
"2014-07-22	01:00:00"	6.0131	153.31	83.13	42.516	0.04735	26.539	0
"2014-07-22	02:00:00"	5.2754	175.89	80.05	51.071	0.05363	26.53	0
"2014-07-22	03:00:00"	6.3113	177.82	79.482	55.301	0.05448	26.536	0
"2014-07-22	04:00:00"	5.6414	167.68	77.255	61.379	0.05511	26.53	0
"2014-07-22	05:00:00"	3.7462	157.36	75.015	70.111	0.06423	26.547	0
"2014-07-22	06:00:00"	3.9134	107.68	74.074	75.77	0.06805	26.583	0
"2014-07-22	07:00:00"	5.3202	25.976	73.723	77.248	0.13948	26.586	0
"2014-07-22	08:00:00"	4.9784	63.645	72.629	76.894	12.835	26.577	0
"2014-07-22	09:00:00"	5.5805	118.81	75.313	65.887	193.43	26.565	0
"2014-07-22	10:00:00"	10.502	159.09	79.997	64.188	408.64	26.58	0
"2014-07-22	11:00:00"	9.0347	165.22	82.362	58.841	491.64	26.595	0
"2014-07-22	12:00:00"	7.0115	146.26	84.105	52.034	362.28	26.609	0
"2014-07-22	13:00:00"	7.4291	149.29	87.14	44.062	603.23	26.604	0
"2014-07-22	14:00:00"	8.2207	106.09	90.876	32.02	967.88	26.586	0
"2014-07-22	15:00:00"	8.7433	109.82	92.314	28.709	877.36	26.571	0
"2014-07-22	16:00:00"	8.3214	145.8	93.902	26.813	909.24	26.559	0
"2014-07-22	17:00:00"	8.7066	112.9	93.812	25.244	474.62	26.547	0
"2014-07-22	18:00:00"	8.1679	99.763	93.062	24.303	270.54	26.542	0
"2014-07-22	19:00:00"	10.046	88.097	92.661	23.549	180.79	26.547	0
"2014-07-22	20:00:00"	10.422	108.72	90.979	27.311	113.21	26.545	0
"2014-07-22	21:00:00"	10.438	113.24	88.854	33.13	54.471	26.565	0
"2014-07-22	22:00:00"	6.0652	92.162	84.984	36.226	0.1151	26.595	0
"2014-07-22	23:00:00"	4.8075	69.299	79.517	42.641	0.06275	26.615	0
"2014-07-23	00:00:00"	5.0704	66.717	77.823	43.754	0.0513	26.618	0
"2014-07-23	01:00:00"	5.3748	63.63	75.147	51.279	0.06173	26.621	0
"2014-07-23	02:00:00"	5.0288	84.697	75.007	52.608	0.07589	26.624	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-23	03:00:00"	4.5646	119.12	76.097	52.907	0.07631	26.624	0
"2014-07-23	04:00:00"	4.7814	113.39	76.049	55.099	0.08776	26.624	0
"2014-07-23	05:00:00"	4.6566	80.531	74.02	59.073	0.05914	26.624	0
"2014-07-23	06:00:00"	5.3469	53.468	70.542	67.812	0.07038	26.63	0
"2014-07-23	07:00:00"	5.3923	46.811	69.163	71.49	1.0294	26.636	0
"2014-07-23	08:00:00"	5.2792	57.163	69.084	72.966	55.579	26.654	0
"2014-07-23	09:00:00"	5.3177	88.706	74.993	62.404	228.14	26.672	0
"2014-07-23	10:00:00"	4.6441	151.83	80.7	50.452	431.21	26.683	0
"2014-07-23	11:00:00"	3.8289	193.59	83.088	44.913	642.11	26.68	0
"2014-07-23	12:00:00"	4.3428	129.71	86.181	38.214	792.97	26.669	0
"2014-07-23	13:00:00"	7.8529	97.255	89.069	30.277	927.95	26.66	0
"2014-07-23	14:00:00"	7.7876	81.353	90.982	26.219	995.7	26.648	0
"2014-07-23	15:00:00"	7.8926	93.823	92.8	22.795	863.06	26.633	0
"2014-07-23	16:00:00"	9.3914	95.226	93.982	22.037	946.28	26.609	0
"2014-07-23	17:00:00"	10.38	101	94.578	21.422	681.54	26.592	0
"2014-07-23	18:00:00"	9.3665	94.3	94.502	21.874	554.21	26.571	0
"2014-07-23	19:00:00"	10.035	94.023	93.368	23.744	298.73	26.559	0
"2014-07-23	20:00:00"	9.4144	96.237	92.93	23.495	196.04	26.556	0
"2014-07-23	21:00:00"	7.4067	85.394	89.99	26.389	43.521	26.571	0
"2014-07-23	22:00:00"	5.2127	83.922	85.595	29.814	0.10239	26.592	0
"2014-07-23	23:00:00"	5.0635	91.702	82.345	33.087	0.05808	26.609	0
"2014-07-24	01:00:00"	6.7673	102.21	81.842	35.526	0.06365	26.618	0
"2014-07-24	02:00:00"	6.0037	97.101	78.051	40.585	0.06571	26.612	0
"2014-07-24	03:00:00"	5.3829	98.491	75.975	45.416	0.05957	26.604	0
"2014-07-24	04:00:00"	4.989	64.205	72.552	51.999	0.06317	26.601	0
"2014-07-24	05:00:00"	4.6621	70.181	72.579	53.326	0.07716	26.598	0
"2014-07-24	06:00:00"	5.2437	61.487	70.389	58.318	0.07207	26.604	0
"2014-07-24	07:00:00"	4.9237	60.789	69.39	61.396	0.3858	26.607	0
"2014-07-24	08:00:00"	4.7839	58.582	69.835	62.098	48.216	26.607	0
"2014-07-24	09:00:00"	3.9544	120.82	75.272	57.729	217.96	26.618	0
"2014-07-24	10:00:00"	5.4221	175.73	80.584	49.841	427.04	26.618	0
"2014-07-24	11:00:00"	4.0855	213.42	83.618	43.876	629.88	26.615	0
"2014-07-24	12:00:00"	3.9476	159.56	86.97	35.973	800.71	26.609	0
"2014-07-24	13:00:00"	5.4022	110.51	89.636	30.093	919.03	26.589	0
"2014-07-24	14:00:00"	5.78	103.57	91.874	25.52	977.81	26.568	0
"2014-07-24	15:00:00"	5.8987	103.12	94.18	21.198	968.82	26.545	0
"2014-07-24	16:00:00"	8.2735	110.5	94.759	19.582	685.9	26.533	0
"2014-07-24	17:00:00"	7.0327	91.775	95.567	18.487	667.95	26.518	0
"2014-07-24	18:00:00"	7.3135	97.805	94.92	18.584	443.75	26.503	0
"2014-07-24	19:00:00"	7.0613	96.761	95.089	18.292	411.19	26.488	0
"2014-07-24	20:00:00"	6.576	85.351	93.984	18.391	202.49	26.485	0
"2014-07-24	21:00:00"	5.3115	103.16	90.859	21.931	42.375	26.491	0
"2014-07-24	22:00:00"	5.0573	103.62	86.095	26.951	0.2105	26.506	0
"2014-07-24	23:00:00"	8.5302	124.14	85.168	31.1	0.06889	26.527	0
"2014-07-25	00:00:00"	9.5237	132.42	83.525	38.1	0.0337	26.539	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-25	01:00:00"	6.1789	138.28	80.938	43.928	0.07801	26.553	0
"2014-07-25	02:00:00"	5.2332	142.69	77.889	48.283	0.05617	26.553	0
"2014-07-25	03:00:00"	5.0089	140.44	76.536	51.355	0.06338	26.539	0
"2014-07-25	04:00:00"	5.1903	145.88	74.517	54.751	0.04558	26.53	0
"2014-07-25	05:00:00"	4.7802	181.51	72.526	58.468	0.06826	26.527	0
"2014-07-25	06:00:00"	3.8426	177.47	70.462	63.374	0.08776	26.533	0
"2014-07-25	07:00:00"	4.2551	168.04	69.23	67.869	0.49624	26.536	0
"2014-07-25	08:00:00"	3.7351	183.48	69.512	69.421	53.695	26.55	0
"2014-07-25	09:00:00"	7.2178	187.74	73.25	64.2	221.33	26.55	0
"2014-07-25	10:00:00"	7.5565	195.78	77.414	56.254	431.56	26.55	0
"2014-07-25	11:00:00"	7.0985	201	82.657	46.011	642.59	26.55	0
"2014-07-25	12:00:00"	7.2576	201.04	86.96	37.179	811.67	26.539	0
"2014-07-25	13:00:00"	6.1385	187.51	90.066	28.842	935.6	26.527	0
"2014-07-25	14:00:00"	6.0428	165.87	91.96	25.653	995.39	26.512	0
"2014-07-25	15:00:00"	6.3044	131.26	93.671	22.797	995.57	26.491	0
"2014-07-25	16:00:00"	7.9796	205.5	95.067	20.548	931.24	26.471	0
"2014-07-25	17:00:00"	7.3123	159.08	95.674	17.617	815.26	26.456	0
"2014-07-25	18:00:00"	6.7338	165.87	96.093	16.544	650.27	26.444	0
"2014-07-25	19:00:00"	5.8614	175.38	95.677	16.136	447.18	26.432	0
"2014-07-25	20:00:00"	6.8941	174.78	94.524	17.026	231.84	26.429	0
"2014-07-25	21:00:00"	4.9331	157.55	90.268	21.845	53.463	26.441	0
"2014-07-25	22:00:00"	5.332	142.41	85.14	26.337	0.20965	26.462	0
"2014-07-25	23:00:00"	5.7843	140.83	82.314	26.845	0.0672	26.48	0
"2014-07-26	00:00:00"	6.5461	151.91	79.822	31.884	0.05236	26.488	0
"2014-07-26	01:00:00"	7.2762	164.44	78.079	37.933	0.06444	26.494	0
"2014-07-26	02:00:00"	7.439	173.4	77.975	44.955	0.05045	26.488	0
"2014-07-26	03:00:00"	7.2582	181.5	76.533	49.223	0.06444	0	0
"2014-07-26	04:00:00"	8.1816	186.24	75.67	52.849	0.07165	26.483	0
"2014-07-26	05:00:00"	8.5302	184.98	75.393	56.525	0.06211	26.483	0
"2014-07-26	06:00:00"	6.8699	182.63	73.483	61.293	0.06677	26.488	0
"2014-07-26	07:00:00"	3.2286	188.74	70.083	68.569	0.33684	26.488	0
"2014-07-26	08:00:00"	4.459	157.75	69.706	70.303	60.684	26.497	0
"2014-07-26	09:00:00"	8.3543	161.93	73.956	63.204	243.41	26.506	0
"2014-07-26	10:00:00"	7.7162	181.76	77.94	55.485	461.73	26.515	0
"2014-07-26	11:00:00"	5.8452	189.22	82.135	47.371	665.4	26.512	0
"2014-07-26	12:00:00"	5.7297	180.29	86.058	35.721	834.66	26.509	0
"2014-07-26	13:00:00"	5.2413	167.46	89.119	28.228	956.88	26.494	0
"2014-07-26	14:00:00"	5.5227	159.6	91.594	25.26	1016.8	26.474	0
"2014-07-26	15:00:00"	7.0954	163.49	94.617	21.883	1004.2	26.447	0
"2014-07-26	16:00:00"	7.8224	149.17	96.202	19.384	937.28	26.438	0
"2014-07-26	17:00:00"	9.2	173.58	96.911	17.627	816.91	26.423	0
"2014-07-26	18:00:00"	9.402	164.57	97.122	16.976	649.84	26.409	0
"2014-07-26	19:00:00"	8.8378	168.53	96.926	17.539	441.32	26.403	0
"2014-07-26	20:00:00"	8.4792	155.8	95.723	18.047	229.3	26.406	0
"2014-07-26	21:00:00"	8.268	151.09	92.591	21.208	53.315	26.423	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-26	22:00:00"	7.7212	142.66	88.526	22.946	0.13694	26.456	0
"2014-07-26	23:00:00"	8.5184	148.85	85.996	27.498	0.05384	26.477	0
"2014-07-27	00:00:00"	10.17	158	84.345	32.453	0.06381	26.485	0
"2014-07-27	01:00:00"	7.7895	163.41	82.054	35.3	0.05427	26.497	0
"2014-07-27	02:00:00"	7.4658	163.34	80.08	37.26	0.07377	26.494	0
"2014-07-27	03:00:00"	5.396	140.87	77.287	41.039	0.07822	26.494	0
"2014-07-27	04:00:00"	5.1561	129.24	75.652	44.076	0.04452	26.488	0
"2014-07-27	05:00:00"	5.5639	120.19	74.556	48.526	0.07207	26.488	0
"2014-07-27	06:00:00"	5.7147	110.91	72.747	52.412	0.0424	26.497	0
"2014-07-27	07:00:00"	6.658	110.45	72.143	55.065	0.31076	26.509	0
"2014-07-27	08:00:00"	6.5026	97.918	71.202	57.366	52.817	26.533	0
"2014-07-27	09:00:00"	8.2506	128.1	75.49	53.732	226.17	26.553	0
"2014-07-27	10:00:00"	8.3301	139.11	79.477	49.735	441.09	26.565	0
"2014-07-27	11:00:00"	6.7953	141.9	83.448	43.663	648.34	26.568	0
"2014-07-27	12:00:00"	8.5122	104.73	86.821	38.074	821.33	26.562	0
"2014-07-27	13:00:00"	10.46	106.42	90.67	29.769	917.18	26.55	0
"2014-07-27	14:00:00"	10.313	120.43	92.537	26.45	981.97	26.542	0
"2014-07-27	15:00:00"	8.9397	118.11	94.041	24.633	986.62	26.53	0
"2014-07-27	16:00:00"	8.9564	116.66	95.272	22.904	915.36	26.518	0
"2014-07-27	17:00:00"	9.3436	120.15	95.914	22.488	718.64	26.506	0
"2014-07-27	18:00:00"	10.579	104.84	95.857	21.989	542.42	26.497	0
"2014-07-27	19:00:00"	10.684	113.34	96.052	21.191	414.05	26.494	0
"2014-07-27	20:00:00"	10.652	105.97	95.028	22.913	255.15	26.5	0
"2014-07-27	21:00:00"	11.422	100.28	92.419	27.389	49.807	26.512	0
"2014-07-27	22:00:00"	9.2137	103.15	89.915	30.217	0.08946	26.536	0
"2014-07-27	23:00:00"	7.0091	105.49	87.977	32.62	0.0566	26.556	0
"2014-07-28	00:00:00"	6.5157	117.2	86.028	34.672	0.05957	26.559	0
"2014-07-28	01:00:00"	6.013	125.17	84.073	37.504	0.05787	26.577	0
"2014-07-28	02:00:00"	5.5594	165.8	81.666	43.298	0.06826	26.592	0
"2014-07-28	03:00:00"	4.2396	131.54	79.412	46.756	0.08204	26.583	0
"2014-07-28	04:00:00"	3.9482	140.71	77.414	48.952	0.05151	26.577	0
"2014-07-28	05:00:00"	4.8113	152.69	75.569	51.104	0.05511	26.589	0
"2014-07-28	06:00:00"	5.2462	157.89	74.632	52.66	0.06084	26.598	0
"2014-07-28	07:00:00"	3.8009	157.38	73.182	56.513	0.10663	26.624	0
"2014-07-28	08:00:00"	1.2322	59.772	72.706	58.031	39.646	26.648	0
"2014-07-28	09:00:00"	2.1052	330.32	77.032	52.62	218.18	26.674	0
"2014-07-28	10:00:00"	3.1721	310.48	80.55	46.167	399.96	26.683	0
"2014-07-28	11:00:00"	5.4836	31.729	82.648	42.759	541.08	26.683	0
"2014-07-28	12:00:00"	8.427	34.213	85.097	39.314	768.83	26.683	0
"2014-07-28	13:00:00"	11.452	46.026	86.746	37.592	916.05	26.677	0
"2014-07-28	14:00:00"	11.111	56.374	88.475	33.977	923.81	26.66	0
"2014-07-28	15:00:00"	10.136	83.497	89.868	30.481	823.78	26.639	0
"2014-07-28	16:00:00"	11.784	81.237	90.093	31.667	643.71	26.618	0
"2014-07-28	17:00:00"	12.463	78.091	90.075	32.363	431.64	26.604	0
"2014-07-28	18:00:00"	13.764	83.785	89.4	33.886	391.23	26.583	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-28	19:00:00"	13.545	92.556	89.624	33.641	302.47	26.577	0
"2014-07-28	20:00:00"	12.806	91.46	88.28	35.499	152	26.574	0
"2014-07-28	21:00:00"	15.38	92.969	86.106	41.086	37.896	26.589	0
"2014-07-28	22:00:00"	14.08	90.46	82.933	47.049	0.07525	26.604	0
"2014-07-28	23:00:00"	11.306	84.621	81.049	49.837	0.06063	26.618	0
"2014-07-29	00:00:00"	12.081	92.601	79.524	53.176	0.06783	26.618	0
"2014-07-29	01:00:00"	13.719	100.71	78.671	56.266	0.05681	26.621	0
"2014-07-29	02:00:00"	9.8239	97.209	77.095	58.616	0.05384	26.615	0
"2014-07-29	03:00:00"	10.934	108.19	76.079	60.27	0.05639	26.612	0
"2014-07-29	04:00:00"	10.376	110.22	74.835	63.334	0.05617	26.604	0
"2014-07-29	05:00:00"	8.9981	109.51	73.588	66.719	0.05787	26.607	0
"2014-07-29	06:00:00"	7.3334	105.07	72.388	69.432	0.04854	26.609	0
"2014-07-29	07:00:00"	6.9252	83.119	71.283	72.21	0.19905	26.621	0
"2014-07-29	08:00:00"	8.1008	70.397	70.966	73.372	43.933	26.633	0
"2014-07-29	09:00:00"	11.359	57.648	71.692	68.036	184.52	26.642	0
"2014-07-29	10:00:00"	11.987	61.681	73.552	64.222	417.2	26.651	0
"2014-07-29	11:00:00"	10.954	71.567	76.912	56.255	690.36	26.651	0
"2014-07-29	12:00:00"	8.9651	86.076	80.152	49.573	882.99	26.645	0
"2014-07-29	13:00:00"	7.3185	77.679	82.344	45.001	588.33	26.636	0
"2014-07-29	14:00:00"	9.1944	46.885	83.057	43.979	579.01	26.618	0
"2014-07-29	15:00:00"	10.964	40.46	84.328	41.949	821.36	26.595	0
"2014-07-29	16:00:00"	13.369	32.768	86.24	40.192	1052.5	26.571	0
"2014-07-29	17:00:00"	13.066	37.849	86.931	39.629	858.1	26.536	0
"2014-07-29	18:00:00"	11.55	56.819	87.889	38.045	549.19	26.509	0
"2014-07-29	19:00:00"	11.524	50.513	89.234	36.012	474.07	26.509	0
"2014-07-29	20:00:00"	10.978	70.801	88.783	34.91	169.9	26.509	0
"2014-07-29	21:00:00"	9.7189	69.954	86.952	37.208	7.3604	26.5	0
"2014-07-29	22:00:00"	13.582	85.62	84.248	41.862	0.05533	26.512	0
"2014-07-29	23:00:00"	14.265	94.179	80.085	51.086	0.05681	26.536	0
"2014-07-30	00:00:00"	13.415	97.948	76.278	60.797	0.06656	26.533	0
"2014-07-30	01:00:00"	10.287	111.48	74.474	64.347	0.04876	26.524	0
"2014-07-30	02:00:00"	7.7504	112.43	73.373	67.179	0.05978	26.518	0
"2014-07-30	03:00:00"	5.9695	109.53	72.156	69.716	0.06614	26.509	0
"2014-07-30	04:00:00"	4.8312	150.01	71.43	64.954	0.05617	26.491	0
"2014-07-30	05:00:00"	4.9026	152.21	71.615	55	0.06359	26.48	0
"2014-07-30	06:00:00"	4.3732	145.41	71.568	49.058	0.0549	26.483	0
"2014-07-30	07:00:00"	6.3753	167.63	72.338	46.401	0.13863	26.488	0
"2014-07-30	08:00:00"	6.5076	183.68	73.258	44.369	45.883	26.488	0
"2014-07-30	09:00:00"	6.9302	200.6	74.993	43.148	180.4	26.488	0
"2014-07-30	10:00:00"	10.092	199.95	80.194	36.319	439.08	26.491	0
"2014-07-30	11:00:00"	8.8707	215.18	84.442	31.344	634.36	26.485	0
"2014-07-30	12:00:00"	8.1505	231.01	88.616	27.533	805.04	26.48	0
"2014-07-30	13:00:00"	7.1221	256.52	92.207	25.056	922.43	26.468	0
"2014-07-30	14:00:00"	6.1777	283.87	95.138	22.685	979.15	26.444	0
"2014-07-30	15:00:00"	6.0702	320.71	97.341	20.839	989.94	26.426	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-07-30"	16:00:00"	10.238	6.7764	96.672	21.62	593.47	26.415	0
"2014-07-30"	17:00:00"	10.931	68.453	95.594	23.82	587.49	26.409	0
"2014-07-30"	18:00:00"	11.871	22.687	96.736	24.681	493.78	26.4	0
"2014-07-30"	19:00:00"	12.393	66.749	92.93	29.349	227.14	26.409	0
"2014-07-30"	20:00:00"	8.8825	72.451	88.645	35.569	54.605	26.447	0
"2014-07-30"	21:00:00"	9.9954	226.13	79.652	52.134	8.2466	26.491	0
"2014-07-30"	22:00:00"	3.4505	318.67	77.897	52.124	0.07398	26.5	0
"2014-07-30"	23:00:00"	9.6561	35.459	79.032	51.408	0.03816	26.521	0
"2014-07-31"	00:00:00"	16.875	44.083	76.447	55.064	0.04876	26.553	0
"2014-07-31"	01:00:00"	17.939	37.836	73.24	59.157	0.06614	26.568	0
"2014-07-31"	02:00:00"	15.537	45.411	70.813	68.112	0.05617	26.559	0
"2014-07-31"	03:00:00"	15.691	37.253	67.334	80.521	0.06974	26.542	0.02
"2014-07-31"	04:00:00"	13.955	42.173	66.842	79.899	0.06063	26.559	0
"2014-07-31"	05:00:00"	12.315	38.455	66.677	78.658	0.05872	26.583	0
"2014-07-31"	06:00:00"	13.877	35.289	66.968	76.502	0.07017	26.583	0
"2014-07-31"	07:00:00"	13.325	19.161	66.338	74.206	0.2955	26.612	0
"2014-07-31"	08:00:00"	13.155	32.351	64.87	75.811	13.172	26.607	0.01
"2014-07-31"	09:00:00"	11.897	43.041	65.3	74.091	45.7	26.624	0
"2014-07-31"	10:00:00"	11.067	26.242	67.008	70.561	169.97	26.642	0
"2014-07-31"	11:00:00"	9.9537	34.561	69.227	63.71	389.17	26.639	0
"2014-07-31"	12:00:00"	9.2951	27.044	71.237	58.624	501.31	26.624	0
"2014-07-31"	13:00:00"	9.3516	47.146	72.824	54.991	529.66	26.612	0
"2014-07-31"	14:00:00"	9.3498	50.64	75.716	49.033	742.09	26.607	0
"2014-07-31"	15:00:00"	6.4063	49.614	76.358	47.216	589.34	26.601	0
"2014-07-31"	16:00:00"	6.6288	65.187	77.908	44.219	659.4	26.583	0
"2014-07-31"	17:00:00"	6.502	59.274	80.014	41.512	583.19	26.559	0
"2014-07-31"	18:00:00"	7.4571	61.734	81.612	39.242	398.38	26.545	0
"2014-07-31"	19:00:00"	6.4784	54.127	82.843	36.722	427.42	26.527	0
"2014-07-31"	20:00:00"	5.9434	94.522	82.35	37.128	194.63	26.533	0
"2014-07-31"	21:00:00"	4.6839	104.52	79.94	40.909	20.138	26.539	0
"2014-07-31"	22:00:00"	3.1243	115.03	75.791	49.17	0.06126	26.553	0
"2014-07-31"	23:00:00"	3.6145	92.471	74.306	52.609	0.06041	26.571	0
"2014-08-01"	00:00:00"	3.9302	64.937	72.006	56.086	0.05384	26.58	0
"2014-08-01"	01:00:00"	4.403	61.66	70.424	59.162	0.05851	26.58	0
"2014-08-01"	02:00:00"	6.8686	91.488	71.588	60.098	0.0761	26.571	0
"2014-08-01"	03:00:00"	7.6472	95.252	70.575	64.118	0.05851	26.577	0
"2014-08-01"	04:00:00"	7.9958	86.335	69.175	65.27	0.06614	26.574	0
"2014-08-01"	05:00:00"	7.1725	85.138	67.656	69.296	0.07017	26.574	0
"2014-08-01"	06:00:00"	7.7622	85.687	66.671	73.56	0.06359	26.583	0
"2014-08-01"	07:00:00"	5.8819	77.734	65.988	76.184	0.07843	26.589	0
"2014-08-01"	08:00:00"	5.3531	81.315	66.198	76.872	12.782	26.604	0
"2014-08-01"	09:00:00"	4.5783	84.582	66.931	75.171	111.34	26.612	0
"2014-08-01"	10:00:00"	5.1922	136.35	69.482	68.564	191.24	26.639	0
"2014-08-01"	11:00:00"	8.7638	205.67	69.482	70.077	297.09	26.639	0
"2014-08-01"	12:00:00"	6.8481	208.65	71.204	65.445	388.72	26.633	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-01	13:00:00"	3.8811	177.01	71.862	61.668	298.4	26.627	0
"2014-08-01	14:00:00"	3.5269	104.24	73.959	55.232	475.1	26.618	0
"2014-08-01	15:00:00"	6.4063	80.787	77.008	47.901	682.82	26.592	0
"2014-08-01	16:00:00"	7.1172	79.218	78.112	46.556	438.37	26.568	0
"2014-08-01	17:00:00"	7.7994	61.772	79.794	42.526	421.92	26.562	0
"2014-08-01	18:00:00"	7.1507	57.88	80.435	40.856	327.04	26.55	0
"2014-08-01	19:00:00"	5.4929	68.205	81.029	38.527	225.75	26.539	0
"2014-08-01	20:00:00"	5.2469	111.01	80.265	39.028	85.046	26.533	0
"2014-08-01	21:00:00"	3.0547	137.22	78.015	44.099	23.075	26.542	0
"2014-08-01	22:00:00"	2.8732	110.2	76.708	46.789	0.05193	26.565	0
"2014-08-01	23:00:00"	6.0981	53.623	75.2	46.525	0.04854	26.586	0
"2014-08-02	00:00:00"	8.5494	61.258	74.643	40.533	0.06656	26.595	0
"2014-08-02	01:00:00"	6.5132	57	73.655	41.459	0.05872	26.601	0
"2014-08-02	02:00:00"	4.948	62.041	71.921	43.184	0.04621	26.589	0
"2014-08-02	03:00:00"	5.4737	63.932	71.246	45.113	0.07123	26.583	0
"2014-08-02	04:00:00"	6.1702	90.926	71.532	47.162	0.05236	26.577	0
"2014-08-02	05:00:00"	4.5534	94.098	71.052	48.679	0.0814	26.586	0
"2014-08-02	06:00:00"	4.5776	86.364	70.525	50.337	0.08055	26.598	0
"2014-08-02	07:00:00"	3.8426	53.246	69.48	52.311	0.06041	26.609	0
"2014-08-02	08:00:00"	5.0225	56.358	69.044	52.494	8.1411	26.615	0
"2014-08-02	09:00:00"	5.4159	76.874	69.966	50.425	59.078	26.636	0
"2014-08-02	10:00:00"	4.7435	87.833	71.253	48.995	112.26	26.642	0
"2014-08-02	11:00:00"	3.717	107.36	72.218	49.611	155.15	26.654	0
"2014-08-02	12:00:00"	3.2249	110	72.798	52.397	234.96	26.66	0.01
"2014-08-02	13:00:00"	6.4144	142.41	71.62	57.525	201.57	26.657	0
"2014-08-02	14:00:00"	6.297	122.97	73.247	49.049	252.6	26.645	0
"2014-08-02	15:00:00"	7.7118	75.948	76.133	43.033	426.3	26.618	0
"2014-08-02	16:00:00"	8.9825	76.201	77.972	32.366	322.71	26.609	0
"2014-08-02	17:00:00"	8.6762	86.384	79.294	30.673	371.62	26.595	0
"2014-08-02	18:00:00"	8.7153	78.904	80.181	27.482	253.9	26.589	0
"2014-08-02	19:00:00"	8.7514	85.09	79.633	29.642	136.06	26.583	0
"2014-08-02	20:00:00"	9.3069	104.41	79.068	32.562	83.118	26.586	0
"2014-08-02	21:00:00"	8.4444	102.73	77.884	35.137	29.509	26.586	0
"2014-08-02	22:00:00"	5.4774	83.979	75.69	36.784	0.06889	26.595	0
"2014-08-02	23:00:00"	4.8162	68.414	74.078	40.242	0.04982	26.607	0
"2014-08-03	00:00:00"	3.9662	52.766	72.078	44.496	0.06974	26.609	0
"2014-08-03	01:00:00"	4.9933	57.024	71.083	46.456	0.05829	26.612	0
"2014-08-03	02:00:00"	4.5602	74.478	72.099	43.595	0.05575	26.609	0
"2014-08-03	03:00:00"	4.5988	63.69	71.547	44.764	0.05851	26.609	0
"2014-08-03	04:00:00"	5.1742	61.68	70.724	46.576	0.0549	26.607	0
"2014-08-03	05:00:00"	4.8821	58.107	68.365	51.551	0.05321	26.607	0
"2014-08-03	06:00:00"	5.145	39.142	67.208	54.605	0.05935	26.618	0
"2014-08-03	07:00:00"	6.2634	47.624	67.946	54.224	0.09221	26.624	0
"2014-08-03	08:00:00"	5.6507	44.82	67.949	54.622	20.078	26.633	0
"2014-08-03	09:00:00"	5.8403	58.706	68.957	53.887	97.116	26.642	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-03	10:00:00"	6.0888	81.624	73.522	45.099	360.44	26.648	0
"2014-08-03	11:00:00"	4.1756	104.06	78.664	37.665	631.99	26.645	0
"2014-08-03	12:00:00"	6.3454	127.72	81.393	32.578	808.63	26.642	0
"2014-08-03	13:00:00"	6.7444	109.62	83.221	29.36	914.72	26.621	0
"2014-08-03	14:00:00"	7.5708	92.804	84.86	26.09	974.6	26.609	0
"2014-08-03	15:00:00"	7.3583	121.13	86.169	24.179	981.93	26.592	0
"2014-08-03	16:00:00"	7.8119	119.72	87.386	22.989	992.36	26.58	0
"2014-08-03	17:00:00"	8.1176	87.499	87.122	23.331	616.91	26.565	0
"2014-08-03	18:00:00"	6.745	71.619	87.228	23.352	473.34	26.545	0
"2014-08-03	19:00:00"	7.5733	98.005	87.471	23.163	379.89	26.542	0
"2014-08-03	20:00:00"	7.9604	71.769	86.206	24.18	201.34	26.542	0
"2014-08-03	21:00:00"	7.0097	87.02	83.741	26.466	34.971	26.55	0
"2014-08-03	22:00:00"	4.6267	83.448	78.134	31.43	0.06465	26.565	0
"2014-08-03	23:00:00"	5.0455	84.414	75.004	34.74	0.06444	26.589	0
"2014-08-04	00:00:00"	5.2506	86.942	73.671	36.65	0.05427	26.589	0
"2014-08-04	01:00:00"	5.7626	96.689	72.486	38.993	0.05639	26.586	0
"2014-08-04	02:00:00"	5.7278	95.6	70.567	42.002	0.07525	26.583	0
"2014-08-04	03:00:00"	5.5998	100.67	69.522	43.775	0.07716	26.58	0
"2014-08-04	04:00:00"	5.5339	93.266	67.667	46.748	0.06868	26.574	0
"2014-08-04	05:00:00"	5.3363	96.088	66.888	48.56	0.06232	26.577	0
"2014-08-04	06:00:00"	5.1443	102.17	66.146	50.901	0.04982	26.58	0
"2014-08-04	07:00:00"	4.8715	125.54	66.654	52.082	0.43986	26.592	0
"2014-08-04	08:00:00"	3.9383	97.266	66.046	53.881	57.203	26.598	0
"2014-08-04	09:00:00"	6.0366	122.9	70.963	48.165	188.51	26.615	0
"2014-08-04	10:00:00"	8.084	157.62	75.332	44.746	390.86	26.624	0
"2014-08-04	11:00:00"	8.368	172.45	79.408	39.221	647.33	26.624	0
"2014-08-04	12:00:00"	6.942	184.51	82.513	33.13	811.1	26.621	0
"2014-08-04	13:00:00"	6.1155	156.42	84.467	29.278	843.21	26.601	0
"2014-08-04	14:00:00"	6.6729	124.3	86.144	25.179	858.01	26.58	0
"2014-08-04	15:00:00"	7.462	132.59	87.749	22.699	1009.4	26.556	0
"2014-08-04	16:00:00"	6.6524	82.407	88.609	21.565	830.65	26.545	0
"2014-08-04	17:00:00"	8.6389	98.196	89.141	21.119	773.02	26.521	0
"2014-08-04	18:00:00"	7.7311	107.89	89.284	20.388	608.88	26.512	0
"2014-08-04	19:00:00"	7.5963	112.17	88.933	20.48	425.05	26.509	0
"2014-08-04	20:00:00"	7.2918	129	87.86	21.789	202.4	26.518	0
"2014-08-04	21:00:00"	6.8705	114.52	84.761	24.694	21.078	26.536	0
"2014-08-04	22:00:00"	5.1866	93.03	80.096	29.448	0.06444	26.547	0
"2014-08-04	23:00:00"	4.8834	89.925	76.932	33.441	0.05003	26.562	0
"2014-08-05	00:00:00"	5.5476	103.27	76.494	34.269	0.05872	26.568	0
"2014-08-05	01:00:00"	5.9133	99.935	75.717	34.804	0.06067	26.565	0
"2014-08-05	02:00:00"	7.4738	109.81	74.18	37.731	0.0672	26.559	0
"2014-08-05	03:00:00"	6.2634	111.71	72.855	41.245	0.06126	26.553	0
"2014-08-05	04:00:00"	5.7601	113.89	70.609	43.967	0.06253	26.547	0
"2014-08-05	05:00:00"	5.4488	123.92	69.945	44.041	0.05766	26.545	0
"2014-08-05	06:00:00"	4.308	121.14	68.716	46.658	0.0549	26.547	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-05	07:00:00"	4.738	117.41	68.22	48.908	0.18357	26.556	0
"2014-08-05	08:00:00"	4.8802	128.77	68.401	51.563	46.195	26.574	0
"2014-08-05	09:00:00"	7.0358	161.81	72.268	49.147	231.92	26.592	0
"2014-08-05	10:00:00"	9.0962	184.17	76.922	43.185	400.23	26.601	0
"2014-08-05	11:00:00"	11.868	189.39	80.805	38.57	604.04	26.609	0
"2014-08-05	12:00:00"	10.28	198.38	82.615	36.618	614.39	26.607	0
"2014-08-05	13:00:00"	8.7222	196.84	84.231	32.115	571.92	26.598	0
"2014-08-05	14:00:00"	7.8653	170.37	87.186	27.061	1027.1	26.58	0
"2014-08-05	15:00:00"	8.9154	183.31	89.086	25.235	1025.7	26.565	0
"2014-08-05	16:00:00"	7.4658	165.67	89.843	22.651	863.26	26.547	0
"2014-08-05	17:00:00"	6.8873	138.15	90.609	21.734	768.69	26.527	0
"2014-08-05	18:00:00"	6.3628	184.86	91.18	20.973	587.07	26.515	0
"2014-08-05	19:00:00"	6.9587	205.09	91.288	19.847	370.51	26.509	0
"2014-08-05	20:00:00"	7.3061	189.96	89.489	21.874	154.02	26.509	0
"2014-08-05	21:00:00"	4.6795	169.82	85.981	24.52	35.167	26.512	0
"2014-08-05	22:00:00"	4.8535	159.58	80.224	27.782	0.05575	26.527	0
"2014-08-05	23:00:00"	5.0058	158.48	77.84	30.496	0.04854	26.536	0
"2014-08-06	00:00:00"	5.3916	158.97	76.229	34.035	0.04664	26.539	0
"2014-08-06	01:00:00"	5.3009	164.56	74.354	37.706	0.08373	26.536	0
"2014-08-06	02:00:00"	4.8939	172.94	73.165	40.872	0.0619	26.527	0
"2014-08-06	03:00:00"	5.5333	178.23	72.553	42.334	0.07101	26.518	0
"2014-08-06	04:00:00"	5.0201	187.33	71.956	44.233	0.06063	26.509	0
"2014-08-06	05:00:00"	4.3198	180.87	70.257	47.703	0.03816	26.515	0
"2014-08-06	06:00:00"	3.7736	182.31	68.965	50.862	0.04812	26.512	0
"2014-08-06	07:00:00"	4.0526	173.78	67.89	55.479	0.10514	26.518	0
"2014-08-06	08:00:00"	4.6889	177.78	68.535	57.928	53.498	26.53	0
"2014-08-06	09:00:00"	8.885	173.14	74.136	52.477	208.83	26.542	0
"2014-08-06	10:00:00"	12.228	181.43	79.295	45.044	418.34	26.545	0
"2014-08-06	11:00:00"	10.901	195.82	83.332	39.118	617.29	26.539	0
"2014-08-06	12:00:00"	10.021	194.47	86.578	34.093	795.86	26.533	0
"2014-08-06	13:00:00"	8.0281	200.22	89.884	27.807	917.2	26.518	0
"2014-08-06	14:00:00"	6.4803	186.78	92.445	23.141	982.34	26.503	0
"2014-08-06	15:00:00"	6.1833	193.51	93.52	22.065	884.77	26.48	0
"2014-08-06	16:00:00"	6.8258	161.06	95.11	20.746	945.53	26.462	0
"2014-08-06	17:00:00"	6.5393	152.83	95.992	19.951	786.14	26.441	0
"2014-08-06	18:00:00"	6.9823	207.88	96.569	19.245	631.27	26.426	0
"2014-08-06	19:00:00"	6.1497	187.94	96.168	19.384	427.87	26.412	0
"2014-08-06	20:00:00"	7.979	163.91	94.747	20.54	176.7	26.415	0
"2014-08-06	21:00:00"	7.0967	148.15	91.507	22.717	18.02	26.426	0
"2014-08-06	22:00:00"	5.3444	147.83	88.27	25.111	0.08543	26.441	0
"2014-08-06	23:00:00"	7.8367	156.3	86.812	26.781	0.06275	26.462	0
"2014-08-07	00:00:00"	6.1174	157.73	83.933	30.167	0.07377	26.474	0
"2014-08-07	01:00:00"	8.1803	179.2	82.578	32.235	0.05427	26.477	0
"2014-08-07	02:00:00"	7.2716	180.71	80.632	35.047	0.07101	26.474	0
"2014-08-07	03:00:00"	7.5111	186.32	79.971	36.482	0.05278	26.465	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-07	04:00:00"	5.5911	195.64	78.381	39.365	0.07017	26.459	0
"2014-08-07	05:00:00"	4.4204	206.14	75.702	43.733	0.04388	26.459	0
"2014-08-07	06:00:00"	4.4465	201.57	74.571	47.445	0.05278	26.462	0
"2014-08-07	07:00:00"	4.884	182.05	73.02	51.434	0.05575	26.456	0
"2014-08-07	08:00:00"	5.2953	172.46	73.566	52.727	39.852	26.462	0
"2014-08-07	09:00:00"	5.2382	206.38	75.651	51.628	186	26.465	0
"2014-08-07	10:00:00"	6.7655	205.86	80.301	44.842	413.74	26.474	0
"2014-08-07	11:00:00"	4.8989	213.04	84.998	37.246	621.05	26.468	0
"2014-08-07	12:00:00"	2.9689	197.14	89.48	31.223	793.9	26.468	0
"2014-08-07	13:00:00"	4.7224	161.24	92.048	28.542	913.96	26.456	0
"2014-08-07	14:00:00"	5.7825	189.91	94.655	23.57	994.69	26.432	0
"2014-08-07	15:00:00"	7.8715	152.03	96.758	20.424	1031.5	26.409	0
"2014-08-07	16:00:00"	9.5126	151.67	97.593	20.112	897.56	26.391	0
"2014-08-07	17:00:00"	10.795	163.21	97.754	20.164	746.77	26.379	0
"2014-08-07	18:00:00"	11.178	155.11	97.789	19.169	598.08	26.361	0
"2014-08-07	19:00:00"	12.302	168.66	96.869	19.308	410.82	26.358	0
"2014-08-07	20:00:00"	10.118	163.53	94.033	20.634	48.219	26.37	0
"2014-08-07	21:00:00"	9.5461	177.51	90.762	24.958	5.2437	26.403	0
"2014-08-07	22:00:00"	9.8034	2.8667	82.701	40.132	0.05723	26.412	0
"2014-08-07	23:00:00"	5.2077	65.249	79.485	46.193	0.05469	26.435	0
"2014-08-08	00:00:00"	3.182	37.571	78.945	46.283	0.05851	26.453	0
"2014-08-08	01:00:00"	1.8654	31.895	78.552	47.06	0.06656	26.453	0
"2014-08-08	02:00:00"	3.914	158.4	79.329	41.376	0.05617	26.456	0
"2014-08-08	03:00:00"	4.9443	75.059	76.094	45.573	0.07356	26.462	0
"2014-08-08	04:00:00"	6.1118	34.138	71.392	57.431	0.06487	26.45	0
"2014-08-08	05:00:00"	6.077	40.701	69.263	62.105	0.05511	26.453	0
"2014-08-08	06:00:00"	6.5057	50.247	68.367	63.468	0.06593	26.45	0
"2014-08-08	07:00:00"	6.0857	60.645	67.836	63.865	0.06889	26.459	0
"2014-08-08	08:00:00"	6.2305	60.544	67.405	64.557	40.136	26.474	0
"2014-08-08	09:00:00"	7.9504	90.972	73.694	52.705	212.71	26.485	0
"2014-08-08	10:00:00"	9.3547	129.01	80.87	39.754	430.07	26.494	0
"2014-08-08	11:00:00"	9.0378	148.26	83.772	36.059	565.85	26.494	0
"2014-08-08	12:00:00"	9.1112	163.27	87.363	32.095	766.64	26.497	0
"2014-08-08	13:00:00"	9.7673	160.99	90.916	26.896	934.22	26.485	0
"2014-08-08	14:00:00"	11.305	161.08	92.673	24.314	1002.2	26.468	0
"2014-08-08	15:00:00"	12.295	155.65	94.187	19.959	989.85	26.459	0
"2014-08-08	16:00:00"	10.182	165.36	94.917	19.046	906.06	26.438	0
"2014-08-08	17:00:00"	11.065	170.14	94.975	18.869	822.98	26.418	0
"2014-08-08	18:00:00"	8.6942	169.66	94.983	18.258	643.77	26.409	0
"2014-08-08	19:00:00"	8.0573	171.99	94.69	18.961	430.89	26.4	0
"2014-08-08	20:00:00"	9.4187	156.81	93.13	22.266	198.85	26.4	0
"2014-08-08	21:00:00"	6.2852	145.39	89.801	25.102	22.316	26.418	0
"2014-08-08	22:00:00"	5.9701	136.34	86.578	28.003	0.0549	26.435	0
"2014-08-08	23:00:00"	5.7371	147.48	84.397	29.267	0.05935	26.456	0
"2014-08-09	00:00:00"	5.8577	157.2	83.312	29.791	0.05681	26.462	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-09	01:00:00"	8.3786	170.22	82.928	30.994	0.04727	26.462	0
"2014-08-09	02:00:00"	9.9898	182.64	83.058	32.469	0.05363	26.462	0
"2014-08-09	03:00:00"	4.1849	212.78	81.074	35.123	0.04833	0	0
"2014-08-09	04:00:00"	5.2543	113.74	79.81	37.201	0.05384	26.477	0
"2014-08-09	05:00:00"	4.8573	59.28	76.26	46.571	0.06211	26.477	0
"2014-08-09	06:00:00"	5.9707	61.911	71.766	57.267	0.06783	26.485	0
"2014-08-09	07:00:00"	6.9214	80.328	69.818	59.817	0.05554	26.485	0
"2014-08-09	08:00:00"	8.1157	87.913	69.881	57.183	37.703	26.494	0
"2014-08-09	09:00:00"	8.5103	99.548	74.257	52.504	206.39	26.512	0
"2014-08-09	10:00:00"	8.9328	146.28	78.402	49.674	422.58	26.515	0
"2014-08-09	11:00:00"	10.146	160.38	82.44	44.518	633.37	26.521	0
"2014-08-09	12:00:00"	10.31	162.31	86.635	36.216	806.29	26.521	0
"2014-08-09	13:00:00"	9.776	171.19	89.118	31.077	929.52	26.515	0
"2014-08-09	14:00:00"	9.8152	162.82	91.54	25.77	1004.8	26.491	0
"2014-08-09	15:00:00"	9.7518	152.97	93.142	21.486	929.36	26.477	0
"2014-08-09	16:00:00"	9.7046	149.69	94.107	19.532	857.36	26.462	0
"2014-08-09	17:00:00"	9.1447	151.09	94.894	18.101	783.52	26.438	0
"2014-08-09	18:00:00"	8.8931	182.52	94.151	18.181	423.07	26.438	0
"2014-08-09	19:00:00"	7.9163	161.23	94.081	18.067	334.35	26.429	0
"2014-08-09	20:00:00"	8.299	161.21	92.377	19.374	120.97	26.435	0
"2014-08-09	21:00:00"	6.9587	233.11	88.207	26.007	12.021	26.459	0
"2014-08-09	22:00:00"	6.5847	314.1	84.865	33.644	0.04918	26.485	0
"2014-08-09	23:00:00"	4.2974	345.74	81.236	38.517	0.06974	26.503	0
"2014-08-10	00:00:00"	3.0447	26.679	79.036	43.127	0.07101	26.521	0
"2014-08-10	01:00:00"	3.5847	124.8	76.35	45.348	0.05066	26.521	0
"2014-08-10	02:00:00"	6.2268	170.15	76.667	46.254	0.06359	26.518	0
"2014-08-10	03:00:00"	5.8956	175.26	75.595	49.015	0.06211	26.515	0
"2014-08-10	04:00:00"	4.8697	174.07	73.462	53.418	0.06783	26.512	0
"2014-08-10	05:00:00"	4.6466	170.22	72.038	57.786	0.07822	26.512	0
"2014-08-10	06:00:00"	4.6497	164.35	70.953	62.292	0.05999	26.524	0
"2014-08-10	07:00:00"	4.2179	161.13	70.07	64.849	0.07992	26.536	0
"2014-08-10	08:00:00"	4.1141	162.8	70.347	64.695	37.279	26.55	0
"2014-08-10	09:00:00"	6.2268	165.19	74.781	57.225	202.65	26.568	0
"2014-08-10	10:00:00"	7.7889	182.52	78.552	50.765	417.09	26.58	0
"2014-08-10	11:00:00"	10.059	185.34	82.185	42.654	624.99	26.583	0
"2014-08-10	12:00:00"	9.1317	171.38	84.735	36.091	799.35	26.589	0
"2014-08-10	13:00:00"	8.5936	165.64	86.531	31.79	920.79	26.586	0
"2014-08-10	14:00:00"	7.5136	148.5	88.647	28.24	981.52	26.571	0
"2014-08-10	15:00:00"	8.148	131.94	90.263	24.929	870.71	26.553	0
"2014-08-10	16:00:00"	8.6395	115.34	91.328	23.352	788.43	26.542	0
"2014-08-10	17:00:00"	9.9885	95.505	91.944	22.496	677	26.515	0
"2014-08-10	18:00:00"	10.52	88.794	92.582	21.222	572.94	26.491	0
"2014-08-10	19:00:00"	10.507	94.33	91.771	22.045	327.61	26.491	0
"2014-08-10	20:00:00"	11.06	96.192	90.758	22.453	163.79	26.5	0
"2014-08-10	21:00:00"	11.961	131.08	87.065	30.504	19.814	26.515	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-10	22:00:00"	8.8837	134.24	83.62	38.537	0.06656	26.547	0
"2014-08-10	23:00:00"	6.8562	77.543	81.488	39.908	0.0814	26.586	0
"2014-08-11	00:00:00"	7.0544	75.222	80.113	43.724	0.07165	26.607	0
"2014-08-11	01:00:00"	9.1198	97.767	79.474	44.884	0.04346	26.612	0
"2014-08-11	02:00:00"	7.4123	93.3	77.345	50.349	0.07123	26.604	0
"2014-08-11	03:00:00"	4.8653	87.416	74.114	56.084	0.07038	26.598	0
"2014-08-11	04:00:00"	5.0194	71.343	71.872	59.035	0.05427	26.601	0
"2014-08-11	05:00:00"	10.395	35.574	71.285	61.6	0.05511	26.624	0
"2014-08-11	06:00:00"	14.117	33.46	71.215	64.045	0.0672	26.627	0
"2014-08-11	07:00:00"	13.071	30.485	69.354	72.115	0.06402	26.636	0
"2014-08-11	08:00:00"	12.531	29.291	68.33	74.451	38.458	26.648	0
"2014-08-11	09:00:00"	14.661	36.28	69.541	68.496	130.84	26.657	0
"2014-08-11	10:00:00"	15.947	37.753	71.993	65.586	404.21	26.666	0
"2014-08-11	11:00:00"	13.967	53.02	76.074	57.229	621.65	26.669	0
"2014-08-11	12:00:00"	10.543	72.904	80.375	46.639	625.32	26.672	0
"2014-08-11	13:00:00"	9.2615	82.758	83.584	40.102	928.19	26.663	0
"2014-08-11	14:00:00"	7.1253	69.775	85.517	35.915	869.78	26.639	0
"2014-08-11	15:00:00"	10.481	64.05	87.1	34.299	970.17	26.621	0
"2014-08-11	16:00:00"	10.699	63.804	87.533	34.168	795.31	26.601	0
"2014-08-11	17:00:00"	11.738	84.524	87.815	33.678	554.25	26.583	0
"2014-08-11	18:00:00"	10.939	112.2	86.594	34.571	274.25	26.598	0
"2014-08-11	19:00:00"	11.228	241.14	75.353	58.702	16.79	26.607	0
"2014-08-11	20:00:00"	8.3618	318.54	72.414	69.448	27.878	26.601	0
"2014-08-11	21:00:00"	6.1727	32.199	73.302	68.883	6.0374	26.612	0
"2014-08-11	22:00:00"	6.0453	58.779	74.741	64.294	0.05448	26.627	0
"2014-08-11	23:00:00"	6.7288	83.463	75.681	59.285	0.06338	26.645	0
"2014-08-12	00:00:00"	6.1553	65.39	75.41	58.626	0.05787	26.648	0
"2014-08-12	01:00:00"	6.1675	71.561	74.972	60.449	0.05342	26.66	0
"2014-08-12	02:00:00"	5.7129	54.338	73.327	63.573	0.05808	26.648	0
"2014-08-12	03:00:00"	4.1713	52.696	70.724	70.181	0.0903	26.645	0
"2014-08-12	04:00:00"	4.408	35.856	70.574	75.281	0.07186	26.642	0
"2014-08-12	05:00:00"	2.4004	3.6906	71.283	74.2	0.06105	26.642	0
"2014-08-12	06:00:00"	3.6301	6.5845	70.272	76.629	0.05448	26.645	0
"2014-08-12	07:00:00"	5.2108	37.918	69.384	76.172	0.08288	26.651	0
"2014-08-12	08:00:00"	5.6433	45.529	68.262	78.74	29.537	26.663	0
"2014-08-12	09:00:00"	7.206	84.01	71.337	69.637	117.37	26.677	0
"2014-08-12	10:00:00"	7.1942	118.46	74.606	61.113	389.52	26.68	0
"2014-08-12	11:00:00"	5.5171	150.68	79.046	49.441	739.27	26.683	0
"2014-08-12	12:00:00"	4.0905	112.39	82.078	43.678	877.6	26.672	0
"2014-08-12	13:00:00"	5.9968	88.402	84.034	38.976	910.87	26.651	0
"2014-08-12	14:00:00"	5.9658	54.565	84.283	39.366	321.99	26.636	0
"2014-08-12	15:00:00"	9.1702	342.74	82.62	44.653	478.95	26.618	0
"2014-08-12	16:00:00"	12.951	107.11	81.45	44.872	729.17	26.592	0
"2014-08-12	17:00:00"	7.7125	109.35	86.051	36.246	676.12	26.574	0
"2014-08-12	18:00:00"	7.0849	120.58	86.461	36.212	363.59	26.556	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-12	19:00:00"	11.06	119.46	84.947	40.073	351.75	26.553	0
"2014-08-12	20:00:00"	6.2137	158.55	84.168	40.74	50.409	26.553	0
"2014-08-12	21:00:00"	3.9153	151.32	82.569	44.333	5.5043	26.565	0
"2014-08-12	22:00:00"	4.5497	106.57	81.29	46.71	0.06211	26.592	0
"2014-08-12	23:00:00"	8.3556	132.11	80.116	49.73	0.06253	26.615	0
"2014-08-13	00:00:00"	10.854	182.63	75.59	61.922	0.06911	26.612	0
"2014-08-13	01:00:00"	6.1926	194.87	73.129	67.999	0.05851	26.615	0
"2014-08-13	02:00:00"	2.4501	157.96	70.348	73.816	0.05278	26.604	0
"2014-08-13	03:00:00"	2.3917	121.01	69.371	75.415	0.05935	26.598	0
"2014-08-13	04:00:00"	3.6735	66.952	67.704	77.425	0.08946	26.595	0
"2014-08-13	05:00:00"	4.0687	66.804	67.194	79.919	0.06953	26.601	0
"2014-08-13	06:00:00"	3.9594	53.334	66.258	82.478	0.06253	26.601	0
"2014-08-13	07:00:00"	4.3459	27.972	64.973	84.434	0.08606	26.609	0
"2014-08-13	08:00:00"	4.9095	51.226	65.246	84.131	29.741	26.624	0
"2014-08-13	09:00:00"	6.1447	82.524	69.669	73.606	172.41	26.636	0
"2014-08-13	10:00:00"	9.3684	138.58	75.773	57.934	411.54	26.636	0
"2014-08-13	11:00:00"	11.083	166.82	78.689	51.573	622.12	26.639	0
"2014-08-13	12:00:00"	9.6499	161.71	81.478	46.287	795.34	26.627	0
"2014-08-13	13:00:00"	8.2468	157.34	84.487	39.561	920.75	26.615	0
"2014-08-13	14:00:00"	8.89	152.05	86.888	32.847	987.12	26.598	0
"2014-08-13	15:00:00"	9.7381	152.53	89.387	27.114	1018.6	26.577	0
"2014-08-13	16:00:00"	11.203	145.28	90.348	22.939	917.39	26.553	0
"2014-08-13	17:00:00"	10.085	140.83	91.053	21.974	784.25	26.539	0
"2014-08-13	18:00:00"	10.359	159.61	91.502	21.45	605.73	26.533	0
"2014-08-13	19:00:00"	9.9394	152.95	91.071	21.588	401.08	26.524	0
"2014-08-13	20:00:00"	8.4562	158.6	89.71	23.296	167.22	26.527	0
"2014-08-13	21:00:00"	7.4409	153.08	87.407	26.499	20.242	26.536	0
"2014-08-13	22:00:00"	6.6971	139.24	84.131	31.549	0.06232	26.553	0
"2014-08-13	23:00:00"	6.1155	135.97	81.028	35.23	0.05427	26.562	0
"2014-08-14	00:00:00"	5.5886	139.31	78.755	38.472	0.07123	26.568	0
"2014-08-14	01:00:00"	6.1845	151.98	77.016	41.563	0.06275	26.565	0
"2014-08-14	02:00:00"	5.2792	163.55	74.284	47.135	0.05469	26.556	0
"2014-08-14	03:00:00"	4.7237	155.03	72.272	52.832	0.06847	26.55	0
"2014-08-14	04:00:00"	4.7193	166.21	70.905	56.467	0.05511	0.23919	0
"2014-08-14	05:00:00"	4.8013	149.64	69.9	59.764	0.06826	26.556	0
"2014-08-14	06:00:00"	4.234	165.84	68.953	62.329	0.05617	0	0
"2014-08-14	07:00:00"	3.5574	174.65	67.405	66.123	0.05469	26.568	0
"2014-08-14	08:00:00"	4.4204	169.68	67.387	67.662	34.642	26.577	0
"2014-08-14	09:00:00"	8.0238	172.83	72.453	59.728	203.36	26.586	0
"2014-08-14	10:00:00"	13.045	183.06	77.146	49.962	424.22	26.586	0
"2014-08-14	11:00:00"	14.39	185.09	80.926	43.422	625.21	26.583	0
"2014-08-14	12:00:00"	12.775	186.82	83.931	37.134	810.86	26.577	0
"2014-08-14	13:00:00"	12.678	177.34	87.125	27.739	930.27	26.562	0
"2014-08-14	14:00:00"	11.124	175.54	88.573	23.739	939.17	26.542	0
"2014-08-14	15:00:00"	10.004	173.53	90.161	21.965	1008.4	26.527	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-14	16:00:00"	9.4697	167.97	91.229	20.489	962.47	26.5	0
"2014-08-14	17:00:00"	9.9782	168.36	91.967	20.195	772.79	26.48	0
"2014-08-14	18:00:00"	9.1832	163.03	92.65	20.419	603.43	26.474	0
"2014-08-14	19:00:00"	8.1139	180.6	91.237	21.941	233.17	26.474	0
"2014-08-14	20:00:00"	7.5329	171.08	89.561	23.256	105.22	26.468	0
"2014-08-14	21:00:00"	5.2854	162.33	86.379	26.374	14.011	26.471	0
"2014-08-14	22:00:00"	5.8229	141.85	83.395	26.762	0.06296	26.483	0
"2014-08-14	23:00:00"	5.8521	149.98	81.74	27.503	0.06741	26.491	0
"2014-08-15	00:00:00"	2.749	213.76	78.671	30.908	0.06953	26.503	0
"2014-08-15	01:00:00"	3.5897	204.33	77.233	33.006	0.06381	26.506	0
"2014-08-15	02:00:00"	3.6698	182.74	75.824	35.048	0.05511	26.488	0
"2014-08-15	03:00:00"	3.5884	179.88	74.016	37.467	0.07631	26.48	0
"2014-08-15	04:00:00"	3.7152	171.53	72.555	39.576	0.05003	26.48	0
"2014-08-15	05:00:00"	3.827	163.6	70.665	42.626	0.05872	26.48	0
"2014-08-15	06:00:00"	5.6507	158.61	70.46	45.071	0.07165	26.483	0
"2014-08-15	07:00:00"	6.8456	156.21	71.225	46.898	0.05448	26.494	0
"2014-08-15	08:00:00"	4.6603	150.1	70.533	49.762	11.361	26.506	0
"2014-08-15	09:00:00"	3.8581	157.45	72.274	48.151	81.728	26.512	0
"2014-08-15	10:00:00"	6.5145	184.98	75.769	44.507	236.92	26.515	0
"2014-08-15	11:00:00"	8.8427	187.65	80.744	38.09	525.13	26.512	0
"2014-08-15	12:00:00"	8.6942	199.99	86.398	31.142	762.42	26.506	0
"2014-08-15	13:00:00"	8.3202	222.19	89.5	28.687	804.99	26.491	0
"2014-08-15	14:00:00"	7.9716	211.69	91.935	26.646	948.2	26.471	0
"2014-08-15	15:00:00"	7.6279	209.98	93.987	24.922	939.74	26.444	0
"2014-08-15	16:00:00"	7.2682	208.86	94.007	24.892	540.35	26.42	0
"2014-08-15	17:00:00"	8.8458	213.27	88.388	35.51	268.73	26.42	0.06
"2014-08-15	18:00:00"	9.0291	188.27	85.952	41.684	379.79	26.415	0
"2014-08-15	19:00:00"	6.6008	267.77	85.388	41.485	112.03	26.412	0
"2014-08-15	20:00:00"	4.339	340.87	83.767	46.651	72.37	26.406	0
"2014-08-15	21:00:00"	3.5275	11.979	80.882	53.661	32.666	26.415	0
"2014-08-15	22:00:00"	2.7278	354.4	78.7	58.78	0.05596	26.435	0
"2014-08-15	23:00:00"	2.1332	326.56	78.006	60.881	0.06338	26.441	0
"2014-08-16	00:00:00"	4.3999	9.2468	77.484	61.229	0.05321	26.447	0
"2014-08-16	01:00:00"	4.0072	69.365	77.245	61.605	0.07271	26.459	0
"2014-08-16	02:00:00"	5.6557	61.969	75.838	68.117	0.07504	26.465	0
"2014-08-16	03:00:00"	4.6503	79.721	75.567	64.294	0.05935	26.456	0
"2014-08-16	04:00:00"	2.9615	82.264	73.076	65.834	0.06911	26.45	0
"2014-08-16	05:00:00"	1.7585	128.35	70.682	69.07	0.05914	26.432	0
"2014-08-16	06:00:00"	2.6818	38.494	69.61	74.503	0.05978	26.441	0
"2014-08-16	07:00:00"	2.6968	9.7237	68.548	79.743	0.05427	26.453	0
"2014-08-16	08:00:00"	3.8798	9.0595	70.385	78.268	4.9978	26.491	0.02
"2014-08-16	09:00:00"	6.0316	204.63	70.639	71.652	24.71	26.521	0.1
"2014-08-16	10:00:00"	5.4451	23.64	70.751	80.839	99.561	26.512	0
"2014-08-16	11:00:00"	5.107	68.182	73.297	75.898	202.41	26.515	0
"2014-08-16	12:00:00"	5.7247	61.978	79.333	59.421	765.81	26.518	0.01

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-16	13:00:00"	3.4337	25.15	83.898	46.789	925.79	26.509	0
"2014-08-16	14:00:00"	3.2429	308.78	86.719	40.251	849.37	26.491	0
"2014-08-16	15:00:00"	3.2784	19.585	89.882	33.697	932.88	26.471	0
"2014-08-16	16:00:00"	4.6783	321.67	91.746	29.376	729.53	26.453	0
"2014-08-16	17:00:00"	11.147	135.38	87.649	37.304	235.88	26.453	0
"2014-08-16	18:00:00"	6.4542	163.87	86.156	40.144	351.31	26.432	0
"2014-08-16	19:00:00"	4.403	169.02	88.961	34.874	307.05	26.423	0
"2014-08-16	20:00:00"	2.6744	186.48	86.882	42.148	72.206	26.432	0
"2014-08-16	21:00:00"	2.7235	23.89	84.494	50.662	8.8396	26.459	0
"2014-08-16	22:00:00"	6.8239	115.82	81.33	55.898	0.05469	26.483	0
"2014-08-16	23:00:00"	3.1796	233.26	77.034	59.109	0.06381	26.5	0
"2014-08-17	00:00:00"	3.5915	263.18	75.023	63.364	0.07928	26.503	0
"2014-08-17	01:00:00"	3.1423	279	72.583	70.351	0.06783	26.491	0
"2014-08-17	02:00:00"	5.9714	354.47	72.133	70.045	0.06974	26.483	0
"2014-08-17	03:00:00"	7.3048	340.16	73.964	61.888	0.07398	26.477	0
"2014-08-17	04:00:00"	9.7418	348.3	73.229	59.161	0.06911	26.465	0
"2014-08-17	05:00:00"	7.0961	21.484	70.248	62.681	0.06126	26.477	0
"2014-08-17	06:00:00"	8.2176	32.868	69.01	66.21	0.05342	26.485	0
"2014-08-17	07:00:00"	6.9662	63.713	68.331	68.461	0.05935	26.506	0
"2014-08-17	08:00:00"	4.4621	71.799	67.329	72.661	36.286	26.515	0
"2014-08-17	09:00:00"	3.3784	97.782	71.961	64.782	209.34	26.527	0
"2014-08-17	10:00:00"	2.7881	160.73	76.43	56.566	386.54	26.533	0
"2014-08-17	11:00:00"	6.471	188.98	78.819	52.331	545.23	26.542	0
"2014-08-17	12:00:00"	5.2935	239.13	81.578	45.846	788.25	26.536	0
"2014-08-17	13:00:00"	3.7338	322.2	84.135	40.879	890.59	26.524	0
"2014-08-17	14:00:00"	3.9314	333.91	87.128	37.288	956.75	26.506	0
"2014-08-17	15:00:00"	4.8107	336.3	89.413	32.913	851.59	26.48	0
"2014-08-17	16:00:00"	7.0109	36.148	90.939	28.496	724.94	26.453	0
"2014-08-17	17:00:00"	6.6045	46.272	91.921	24.712	657.9	26.423	0
"2014-08-17	18:00:00"	10.154	43.652	92.97	22.387	448.45	26.418	0
"2014-08-17	19:00:00"	14.047	161.67	82.144	43.943	145.54	26.441	0
"2014-08-17	20:00:00"	8.8085	157.73	78.829	50.929	113.58	26.459	0
"2014-08-17	21:00:00"	7.2912	157.31	76.578	54.672	28.656	26.468	0
"2014-08-17	22:00:00"	4.582	167.43	73.023	64.267	0.04409	26.485	0
"2014-08-17	23:00:00"	1.4932	217.99	71.051	69.023	0.06253	26.503	0
"2014-08-18	00:00:00"	1.6901	217.06	70.659	69.591	0.06593	26.497	0
"2014-08-18	01:00:00"	1.9312	262.46	69.692	72.733	0.06783	26.5	0
"2014-08-18	02:00:00"	2.1015	304.61	69.393	75.737	0.07674	26.488	0
"2014-08-18	03:00:00"	3.9662	65.052	66.166	82.156	0.05024	26.477	0
"2014-08-18	04:00:00"	4.5366	38.454	64.061	86.495	0.06911	26.456	0
"2014-08-18	05:00:00"	4.5199	58.187	63.427	86.216	0.06741	26.456	0
"2014-08-18	06:00:00"	5.0275	57.388	63.089	85.729	0.0725	26.459	0
"2014-08-18	07:00:00"	5.2295	72.721	62.799	86.156	0.05914	26.465	0
"2014-08-18	08:00:00"	4.7448	64.719	63.292	83.411	32.365	26.477	0
"2014-08-18	09:00:00"	4.3484	83.535	68.933	74.323	191.83	26.485	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-18	10:00:00"	5.8713	95.963	75.118	59.691	419.28	26.494	0
"2014-08-18	11:00:00"	4.9032	126.32	78.186	54.008	557.62	26.497	0
"2014-08-18	12:00:00"	3.9774	156.41	80.491	49.449	781.57	26.494	0
"2014-08-18	13:00:00"	4.344	107.61	82.705	45.344	849.15	26.483	0
"2014-08-18	14:00:00"	4.6199	98.062	84.585	41.412	685.46	26.459	0
"2014-08-18	15:00:00"	3.9376	164.79	86.25	37.476	696.07	26.429	0
"2014-08-18	16:00:00"	5.3152	83.151	88.7	31.487	707.04	26.406	0
"2014-08-18	17:00:00"	6.2584	48.919	89.911	28.956	674.85	26.385	0
"2014-08-18	18:00:00"	5.7315	71.094	90.877	26.53	608.78	26.373	0
"2014-08-18	19:00:00"	5.419	51.819	90.545	26.194	341.66	26.367	0
"2014-08-18	20:00:00"	4.3962	143.98	88.877	31.57	110.17	26.358	0
"2014-08-18	21:00:00"	13.305	107.38	82.563	49.652	20.258	26.391	0
"2014-08-18	22:00:00"	10.064	120.36	80.115	53.636	0.06953	26.415	0
"2014-08-18	23:00:00"	8.2885	119.26	77.705	58.404	0.06253	26.426	0
"2014-08-19	00:00:00"	8.5619	127.81	75.313	62.283	0.06868	26.423	0
"2014-08-19	01:00:00"	5.8148	128.05	72.518	65.595	0.05045	26.42	0
"2014-08-19	02:00:00"	3.0565	84.968	69.972	71.689	0.05851	26.406	0
"2014-08-19	03:00:00"	4.0998	85.189	68.265	77.036	0.05978	26.403	0
"2014-08-19	04:00:00"	3.9898	66.411	67.161	80.391	0.08479	26.391	0
"2014-08-19	05:00:00"	4.2974	62.45	66.259	83.173	0.06635	26.4	0
"2014-08-19	06:00:00"	5.0772	59.304	64.943	85.579	0.06995	26.394	0
"2014-08-19	07:00:00"	4.9536	44.897	63.313	88.038	0.05066	26.406	0
"2014-08-19	08:00:00"	5.7464	63.84	63.21	87.886	25.699	26.409	0
"2014-08-19	09:00:00"	6.7928	110.37	67.618	80.044	185.37	26.406	0
"2014-08-19	10:00:00"	8.1872	149.2	72.321	69.225	400.28	26.412	0
"2014-08-19	11:00:00"	7.1743	160.67	76.21	61.367	607.8	26.409	0
"2014-08-19	12:00:00"	6.2734	166.89	81.063	51.678	778.07	26.409	0
"2014-08-19	13:00:00"	7.6199	176.2	85.214	43.301	894.13	26.394	0
"2014-08-19	14:00:00"	7.6739	181.04	88.742	36.315	966.71	26.379	0
"2014-08-19	15:00:00"	6.955	182.48	89.55	30.567	463.24	26.356	0
"2014-08-19	16:00:00"	8.5327	200.59	91.16	28.292	808.31	26.335	0
"2014-08-19	17:00:00"	7.6043	184.21	92.374	26.641	788.89	26.305	0
"2014-08-19	18:00:00"	6.9413	183.02	93.024	24.584	593.17	26.299	0
"2014-08-19	19:00:00"	9.4771	178.59	92.619	24.906	359.05	26.288	0
"2014-08-19	20:00:00"	9.3473	180.2	90.759	27.534	156.41	26.296	0
"2014-08-19	21:00:00"	13.377	157.24	86.628	34.494	16.422	26.323	0
"2014-08-19	22:00:00"	12.45	169.6	83.353	41.363	0.06338	26.356	0
"2014-08-19	23:00:00"	11.444	172.34	80.702	48.092	0.03816	26.37	0
"2014-08-20	00:00:00"	11.173	170.2	79.141	52.224	0.04748	26.373	0
"2014-08-20	01:00:00"	11.371	170.14	77.928	55.168	0.06147	26.373	0
"2014-08-20	02:00:00"	11.891	174.34	76.402	59.012	0.05596	26.373	0
"2014-08-20	03:00:00"	9.8798	177.43	74.894	62.971	0.05617	26.364	0
"2014-08-20	04:00:00"	7.6907	180.51	73.48	66.2	0.05808	26.358	0
"2014-08-20	05:00:00"	7.8131	169.87	72.347	69.096	0.05639	26.358	0
"2014-08-20	06:00:00"	7.1427	163.52	71.088	72.483	0.03752	26.364	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-20	07:00:00"	7.1296	175.04	70.62	74.164	0.06762	26.382	0
"2014-08-20	08:00:00"	7.1669	181.99	70.365	75.411	29.332	26.388	0
"2014-08-20	09:00:00"	7.9436	197.46	74.093	66.896	186.92	26.406	0
"2014-08-20	10:00:00"	10.653	201.33	78.889	54.19	399.65	26.409	0
"2014-08-20	11:00:00"	12.199	205.96	82.559	45.188	602.49	26.415	0
"2014-08-20	12:00:00"	14.247	199.62	84.771	41.334	770.85	26.415	0
"2014-08-20	13:00:00"	14.346	192.39	86.72	39.001	888.62	26.412	0
"2014-08-20	14:00:00"	14.502	191.03	88.716	34.745	948.65	26.403	0
"2014-08-20	15:00:00"	13.09	198.25	90.778	29.828	949.74	26.385	0
"2014-08-20	16:00:00"	12.919	209.94	92.728	26.608	883.1	26.364	0
"2014-08-20	17:00:00"	11.579	215.22	93.41	24.697	761.04	26.35	0
"2014-08-20	18:00:00"	10.383	209.28	93.681	24.37	587.84	26.338	0
"2014-08-20	19:00:00"	11.151	189.19	93.065	25.242	319.16	26.35	0
"2014-08-20	20:00:00"	17.262	175.44	87.515	39.641	131.84	26.358	0
"2014-08-20	21:00:00"	16.102	178.49	82.512	48.05	28.951	26.379	0
"2014-08-20	22:00:00"	12.362	174.02	79.64	50.626	0.06741	26.415	0
"2014-08-20	23:00:00"	10.867	174.76	78.013	52.553	0.07313	26.432	0
"2014-08-21	00:00:00"	10.163	183	76.688	55.862	0.05575	26.438	0
"2014-08-21	01:00:00"	11.724	178.28	76.445	58.3	0.06169	26.429	0
"2014-08-21	02:00:00"	11.316	182.48	75.794	59.111	0.0549	26.42	0
"2014-08-21	03:00:00"	12.155	177.26	76.328	58.086	0.03434	26.415	0
"2014-08-21	04:00:00"	8.9769	172.49	75.284	59.961	0.05109	26.418	0
"2014-08-21	05:00:00"	8.5942	162.97	73.779	63.668	0.05554	26.42	0
"2014-08-21	06:00:00"	8.5563	168.65	73.379	64.329	0.06656	26.423	0
"2014-08-21	07:00:00"	7.5608	173.49	72.037	67.528	0.06105	26.438	0
"2014-08-21	08:00:00"	9.7108	174.48	71.93	67.569	23.063	26.456	0
"2014-08-21	09:00:00"	11.528	183.37	74.223	62.231	186.54	26.471	0
"2014-08-21	10:00:00"	14.1	187.66	77.955	55.118	440.97	26.483	0
"2014-08-21	11:00:00"	12.437	200.34	81.225	48.277	529.46	26.485	0
"2014-08-21	12:00:00"	11.047	210.71	85.739	37.859	766.67	26.485	0
"2014-08-21	13:00:00"	8.1928	222.78	89.43	29.665	896.5	26.477	0
"2014-08-21	14:00:00"	7.961	205.3	91.677	26.462	877.57	26.456	0
"2014-08-21	15:00:00"	8.6172	196.25	93.524	25.161	949.19	26.447	0
"2014-08-21	16:00:00"	9.2137	183.64	94.427	24.211	897.21	26.435	0
"2014-08-21	17:00:00"	9.9146	194.97	95.197	22.94	716.21	26.415	0
"2014-08-21	18:00:00"	9.5188	199.09	95.395	22.361	570.64	26.406	0
"2014-08-21	19:00:00"	9.3491	185.17	95.493	22.669	449.31	26.4	0
"2014-08-21	20:00:00"	14.084	165.9	92.28	29.003	236.74	26.415	0
"2014-08-21	21:00:00"	16.935	171.99	86.247	36.769	36.49	26.444	0
"2014-08-21	22:00:00"	16.259	183.87	80.941	44.894	0.06381	26.48	0
"2014-08-21	23:00:00"	15.299	184.24	79.678	48.27	0.0797	26.477	0
"2014-08-22	00:00:00"	13.137	180.38	78.644	53.369	0.05681	26.48	0
"2014-08-22	01:00:00"	14.534	189.39	78.722	53.274	0.05851	26.485	0
"2014-08-22	02:00:00"	11.055	186.26	77.684	56.053	0.06105	26.488	0
"2014-08-22	03:00:00"	7.9772	188.07	75.743	60.038	0.06614	26.477	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-22	04:00:00"	5.8241	185.04	73.626	64.081	0.06169	26.474	0
"2014-08-22	05:00:00"	6.0739	185.55	72.546	67.052	0.0744	26.485	0
"2014-08-22	06:00:00"	8.5103	177.68	73.096	66.884	0.06699	26.488	0
"2014-08-22	07:00:00"	8.5718	177.54	72.419	69.191	0.07313	26.506	0
"2014-08-22	08:00:00"	6.6431	177.26	71.23	72.05	25.448	26.518	0
"2014-08-22	09:00:00"	8.5656	179.44	73.279	68.261	176.07	26.527	0
"2014-08-22	10:00:00"	9.1261	200.72	77.918	54.854	385.05	26.53	0
"2014-08-22	11:00:00"	7.1197	206.51	81.479	45.207	592.34	26.53	0
"2014-08-22	12:00:00"	7.1445	211.18	83.954	40.526	763.32	26.527	0
"2014-08-22	13:00:00"	6.8612	193.27	85.773	38.652	883.64	26.509	0
"2014-08-22	14:00:00"	7.8653	184.63	87.875	36.38	941.24	26.497	0
"2014-08-22	15:00:00"	8.3208	191.72	89.853	33.215	942.17	26.477	0
"2014-08-22	16:00:00"	8.3139	177.03	91.55	30.648	807.11	26.456	0
"2014-08-22	17:00:00"	10.32	187.49	92.01	29.586	616.92	26.432	0
"2014-08-22	18:00:00"	10.233	176.67	92.037	28.731	447.59	26.42	0
"2014-08-22	19:00:00"	10.388	160.76	92.12	27.552	357.32	26.4	0
"2014-08-22	20:00:00"	12.988	186.8	86.17	35.857	26.021	26.453	0
"2014-08-22	21:00:00"	10.694	270.61	74.795	57.186	0.60266	26.45	0
"2014-08-22	22:00:00"	3.9109	322.41	76.314	57.558	0.05554	26.462	0
"2014-08-22	23:00:00"	11.391	245.13	75.435	57.311	0.05723	26.5	0.01
"2014-08-23	00:00:00"	6.809	216.92	71.344	71.701	0.05999	26.485	0.12
"2014-08-23	01:00:00"	5.2897	49.182	70.771	76.892	0.06338	26.485	0
"2014-08-23	02:00:00"	5.6054	79.687	70.995	79.625	0.07356	26.48	0
"2014-08-23	03:00:00"	5.6149	117.29	73.555	70.434	0.06805	26.483	0
"2014-08-23	04:00:00"	4.5646	194.15	71.387	76.912	0.05448	26.468	0
"2014-08-23	05:00:00"	3.3616	208.87	71.041	77.976	0.07186	26.477	0
"2014-08-23	06:00:00"	2.9198	273.05	70.364	76.154	0.05957	26.477	0
"2014-08-23	07:00:00"	2.0611	223.52	69.494	80.349	0.05511	26.477	0
"2014-08-23	08:00:00"	1.8125	203.13	69.869	76.756	9.7718	26.477	0
"2014-08-23	09:00:00"	3.0367	130.59	71.124	77.039	64.661	26.494	0
"2014-08-23	10:00:00"	4.8778	165.06	72.302	73.87	153.91	26.494	0
"2014-08-23	11:00:00"	8.4494	181.9	74.881	50.969	435.75	26.5	0
"2014-08-23	12:00:00"	8.6526	197.78	78.93	44.716	768.04	26.491	0
"2014-08-23	13:00:00"	7.8808	201.25	81.669	43.001	630.57	26.483	0
"2014-08-23	14:00:00"	9.5635	202.7	84.876	38.522	847.91	26.465	0
"2014-08-23	15:00:00"	8.6576	210.94	87.561	34.086	969.97	26.45	0
"2014-08-23	16:00:00"	9.5505	204.77	89.628	30.231	900.87	26.42	0
"2014-08-23	17:00:00"	10.174	205.43	90.356	28.846	678.43	26.406	0
"2014-08-23	18:00:00"	11.139	199.77	91.289	27.913	618.8	26.391	0
"2014-08-23	19:00:00"	10.069	213.52	90.875	25.673	387.47	26.394	0
"2014-08-23	20:00:00"	8.6122	207.2	88.577	30.021	128.48	26.388	0
"2014-08-23	21:00:00"	5.9279	198.79	85.353	35.991	12.517	26.4	0
"2014-08-23	22:00:00"	4.6019	195.88	83.353	37.236	0.07059	26.412	0
"2014-08-23	23:00:00"	4.5994	170.92	79.292	43.857	0.05893	26.42	0
"2014-08-24	00:00:00"	6.3144	160.65	78.699	42.045	0.06296	26.426	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-24	01:00:00"	7.2601	174.74	78.273	42.286	0.08119	26.429	0
"2014-08-24	02:00:00"	6.5666	179.41	77.346	43.881	0.06169	26.429	0
"2014-08-24	03:00:00"	6.5704	178.86	75.549	47.317	0.06232	26.418	0
"2014-08-24	04:00:00"	6.658	166.74	74.967	48.456	0.06381	26.412	0
"2014-08-24	05:00:00"	5.5401	171	73.561	50.809	0.06805	26.412	0
"2014-08-24	06:00:00"	3.6953	177.86	71.387	54.6	0.05024	26.415	0
"2014-08-24	07:00:00"	3.6419	189.47	70.591	55.27	0.05278	26.429	0
"2014-08-24	08:00:00"	2.1493	213.93	69.368	57.289	11.65	26.444	0
"2014-08-24	09:00:00"	4.8063	214.03	72.493	54.342	175.36	26.459	0
"2014-08-24	10:00:00"	8.9571	198.09	78.847	45.596	391.15	26.462	0
"2014-08-24	11:00:00"	8.9645	202.71	82.868	40.492	594.11	26.465	0
"2014-08-24	12:00:00"	7.6056	217.55	86.765	35.312	763.31	26.462	0
"2014-08-24	13:00:00"	7.2806	208.66	89.832	30.577	885.13	26.45	0
"2014-08-24	14:00:00"	9.0869	217.16	92.081	27.305	945.7	26.441	0
"2014-08-24	15:00:00"	9.758	217.18	93.352	24.934	915.38	26.42	0
"2014-08-24	16:00:00"	10.462	226.67	94.84	22.585	898.13	26.391	0
"2014-08-24	17:00:00"	10.315	233.68	94.957	22.372	667.47	26.382	0
"2014-08-24	18:00:00"	10.225	230.78	93.588	22.842	356.8	26.382	0
"2014-08-24	19:00:00"	9.443	246.73	93.37	22.972	339.2	26.385	0
"2014-08-24	20:00:00"	11.917	158.79	87.255	33.666	110.28	26.403	0
"2014-08-24	21:00:00"	9.3125	149.18	80.512	45.14	8.1578	26.415	0
"2014-08-24	22:00:00"	10.27	139.95	79.816	44.998	0.07292	26.429	0
"2014-08-24	23:00:00"	6.9612	134.14	77.956	47.547	0.07123	26.444	0
"2014-08-25	00:00:00"	6.5256	134.85	76.914	48.743	0.06126	26.45	0
"2014-08-25	01:00:00"	6.4498	139.51	76.463	49.251	0.06911	26.456	0
"2014-08-25	02:00:00"	6.3827	161.67	75.318	51.943	0.06063	26.456	0
"2014-08-25	03:00:00"	6.9736	178.33	74.809	52.647	0.05723	26.45	0
"2014-08-25	04:00:00"	5.9962	175.38	74.474	52.534	0.05914	26.456	0
"2014-08-25	05:00:00"	5.514	182.47	74.254	53.878	0.07123	26.45	0
"2014-08-25	06:00:00"	5.5613	160.6	73.64	54.44	0.06487	26.456	0
"2014-08-25	07:00:00"	6.1143	161.82	72.774	55.064	0.06232	26.456	0
"2014-08-25	08:00:00"	6.799	168.1	72.585	55.144	19.695	26.465	0
"2014-08-25	09:00:00"	7.6472	185.04	74.42	53.973	167.34	26.48	0
"2014-08-25	10:00:00"	10.143	189.23	78.483	47.514	385.47	26.494	0
"2014-08-25	11:00:00"	10.516	189.84	81.329	44.774	541.9	26.503	0
"2014-08-25	12:00:00"	9.3038	190.26	84.607	40.901	749.7	26.506	0
"2014-08-25	13:00:00"	7.4372	169.73	88.093	33.648	877.41	26.491	0
"2014-08-25	14:00:00"	7.0563	170.95	91.409	27.752	942.46	26.468	0
"2014-08-25	15:00:00"	9.3212	154.36	93.414	23.857	965.84	26.447	0
"2014-08-25	16:00:00"	10.109	157	93.703	24.035	659.4	26.426	0
"2014-08-25	17:00:00"	9.7139	149.85	92.328	24.31	218.37	26.423	0
"2014-08-25	18:00:00"	10.199	103.16	88.392	30.414	110.99	26.435	0
"2014-08-25	19:00:00"	16.336	3.9727	73.544	65.134	18.37	26.474	0.4
"2014-08-25	20:00:00"	15.106	343.24	68.479	78.626	2.6531	26.456	1.07
"2014-08-25	21:00:00"	12.423	336.84	69.524	72.334	0.10451	26.488	0.02

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-25	22:00:00"	6.8239	317.44	69.975	73.502	0.05766	26.518	0
"2014-08-25	23:00:00"	7.2334	297.89	71.317	71.407	0.06169	26.527	0
"2014-08-26	00:00:00"	3.3231	355.43	72.777	66.395	0.05533	26.518	0
"2014-08-26	01:00:00"	5.0654	296.67	72.645	71.486	0.05193	26.536	0
"2014-08-26	02:00:00"	8.3028	121.13	72.193	69.562	0.06593	26.506	0.03
"2014-08-26	03:00:00"	7.4254	92.392	73.667	65.045	0.06147	26.497	0
"2014-08-26	04:00:00"	6.415	95.958	73.579	66.087	0.06868	26.497	0
"2014-08-26	05:00:00"	6.9388	116.47	74.053	63.491	0.05575	26.515	0
"2014-08-26	06:00:00"	2.9565	245.02	72.445	69.336	0.08352	26.527	0
"2014-08-26	07:00:00"	2.3009	16.476	71.205	76.746	0.07059	26.539	0
"2014-08-26	08:00:00"	4.1377	28.279	69.609	81.967	20.052	26.559	0
"2014-08-26	09:00:00"	5.1263	39.477	72.584	73.11	130.86	26.574	0
"2014-08-26	10:00:00"	5.9583	57.081	74.774	69.253	209.76	26.577	0
"2014-08-26	11:00:00"	5.2487	66.582	77.153	60.15	421.52	26.595	0
"2014-08-26	12:00:00"	4.4161	178.25	81.111	48.604	718.71	26.595	0
"2014-08-26	13:00:00"	4.7032	168.82	84.096	41.755	890.99	26.583	0
"2014-08-26	14:00:00"	7.2843	171.54	87.204	33.173	957.48	26.559	0
"2014-08-26	15:00:00"	8.6346	157.03	89.214	29.774	978.75	26.536	0
"2014-08-26	16:00:00"	9.5138	152.49	90.675	26.553	927.19	26.512	0
"2014-08-26	17:00:00"	9.6356	169.16	91.29	25.229	863	26.494	0
"2014-08-26	18:00:00"	9.6076	164.92	91.162	26.026	573.1	26.48	0
"2014-08-26	19:00:00"	6.6816	168.23	89.527	27.646	157.64	26.483	0
"2014-08-26	20:00:00"	6.0242	143.17	87.786	30.648	42.461	26.494	0
"2014-08-26	21:00:00"	3.5275	148.38	83.658	39.274	2.2517	26.506	0
"2014-08-26	22:00:00"	3.9849	119.01	81.748	43.398	0.0549	26.524	0
"2014-08-26	23:00:00"	9.0646	198.44	78.222	50.14	0.05024	26.559	0.12
"2014-08-27	00:00:00"	7.8933	356.72	74.068	62.284	0.06889	26.553	0.04
"2014-08-27	00:00:00"	8.2767	22	75.38	57.5	0.99206	26.553	0
"2014-08-27	01:00:00"	6.6818	41.834	76.603	56.7	0.05236	26.547	0
"2014-08-27	02:00:00"	4.4726	96.766	76.599	58.981	0.05617	26.545	0
"2014-08-27	03:00:00"	4.0377	128.03	76.562	55.315	0.04748	26.533	0
"2014-08-27	04:00:00"	4.971	88.473	74.608	59.483	0.06677	26.536	0
"2014-08-27	05:00:00"	4.9436	62.775	70.32	73.669	0.06444	26.53	0
"2014-08-27	06:00:00"	4.9287	70.269	69.042	75.516	0.04642	26.527	0
"2014-08-27	07:00:00"	4.2862	87.623	69.288	70.856	0.05278	26.545	0
"2014-08-27	08:00:00"	4.4291	103	69.326	66.616	20.292	26.553	0
"2014-08-27	09:00:00"	5.5967	138.06	73.49	56.839	178.1	26.574	0
"2014-08-27	10:00:00"	7.6596	174.74	77.391	48.669	387.95	26.589	0
"2014-08-27	11:00:00"	6.6835	226.46	80.206	43.881	597.58	26.595	0
"2014-08-27	12:00:00"	3.6593	223.94	82.831	39.561	758.67	26.592	0
"2014-08-27	13:00:00"	4.2713	203.08	85.774	35.186	869.19	26.577	0
"2014-08-27	14:00:00"	4.7796	232.56	87.92	31.647	920.97	26.562	0
"2014-08-27	15:00:00"	5.2313	210.92	89.414	29.847	861.76	26.542	0
"2014-08-27	16:00:00"	5.4016	171.62	90.424	28.906	707.65	26.512	0
"2014-08-27	17:00:00"	4.9194	156.88	89.203	29.797	183.58	26.494	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-27	18:00:00"	2.6141	109.1	87.662	34.779	62.435	26.494	0
"2014-08-27	19:00:00"	6.7139	358.22	83.872	39.142	40.465	26.483	0
"2014-08-27	20:00:00"	4.4863	21.778	84.576	39.931	95.339	26.488	0
"2014-08-27	21:00:00"	4.1402	357.43	82.618	43.44	4.9646	26.5	0
"2014-08-27	22:00:00"	5.13	29.326	80.286	47.26	0.06296	26.509	0
"2014-08-27	23:00:00"	5.6234	40.698	78.181	54.639	0.05342	26.512	0
"2014-08-28	00:00:00"	5.1002	33.29	76.888	57.724	0.07101	26.515	0
"2014-08-28	01:00:00"	4.7659	27.191	75.708	58.39	0.04833	26.503	0
"2014-08-28	02:00:00"	4.3347	61.338	74.423	60.179	0.06783	26.497	0
"2014-08-28	03:00:00"	3.983	132.04	75.191	56.909	0.06147	26.483	0
"2014-08-28	04:00:00"	4.6112	149.39	75.069	57.219	0.05978	26.474	0
"2014-08-28	05:00:00"	4.17	149.05	73.798	60.558	0.05469	26.462	0
"2014-08-28	06:00:00"	4.2688	121.6	71.936	65.334	0.05088	26.465	0
"2014-08-28	07:00:00"	2.6346	171.56	71.128	65.966	0.05554	26.468	0
"2014-08-28	08:00:00"	1.856	202.29	70.151	68.402	13.664	26.477	0
"2014-08-28	09:00:00"	4.4894	200.5	72.686	64.592	154.55	26.483	0
"2014-08-28	10:00:00"	7.3502	204.87	76.896	55.086	373.68	26.483	0
"2014-08-28	11:00:00"	6.4647	230.19	80.597	47.807	579.65	26.483	0
"2014-08-28	12:00:00"	5.2444	263.24	84.74	41.089	749.51	26.474	0
"2014-08-28	13:00:00"	4.6224	239.92	87.781	34.936	870.49	26.456	0
"2014-08-28	14:00:00"	6.1963	242.87	89.813	31.941	973.64	26.438	0
"2014-08-28	15:00:00"	8.0586	229.58	91.073	29.738	857.65	26.415	0
"2014-08-28	16:00:00"	7.4614	233.53	92.068	26.733	858.45	26.385	0
"2014-08-28	17:00:00"	7.4117	244.86	93.031	24.784	742.84	26.361	0
"2014-08-28	18:00:00"	7.5652	271.88	92.957	25.759	501.03	26.35	0
"2014-08-28	19:00:00"	6.6188	281	92.83	24.215	303.97	26.347	0
"2014-08-28	20:00:00"	8.0623	310.13	91.918	21.781	143.15	26.347	0
"2014-08-28	21:00:00"	7.0202	328.3	87.278	26.434	9.5064	26.361	0
"2014-08-28	22:00:00"	6.4741	9.568	82.692	34.947	0.05957	26.388	0
"2014-08-28	23:00:00"	8.565	152.99	81.761	44.269	0.0725	26.397	0
"2014-08-29	00:00:00"	5.1418	180.66	79.206	50.269	0.07101	26.394	0
"2014-08-29	01:00:00"	2.5955	21.024	75.49	58.607	0.04579	26.397	0
"2014-08-29	02:00:00"	2.4463	88.027	74.831	59.964	0.07038	26.388	0
"2014-08-29	03:00:00"	5.3749	56.672	72.226	67.138	0.05914	26.388	0
"2014-08-29	04:00:00"	8.4898	93.779	68.961	77.903	0.06911	26.388	0
"2014-08-29	05:00:00"	8.7961	105.05	68.013	82.409	0.06084	26.388	0
"2014-08-29	06:00:00"	7.9013	118.92	66.93	86.475	0.05702	26.385	0
"2014-08-29	07:00:00"	4.8001	136.33	66.139	87.123	0.06847	26.4	0
"2014-08-29	08:00:00"	2.8185	171.66	65.262	87.151	21.934	26.418	0
"2014-08-29	09:00:00"	5.4737	24.522	67.726	81.966	170	26.447	0
"2014-08-29	10:00:00"	7.7243	35.867	70.913	74.073	380.94	26.462	0
"2014-08-29	11:00:00"	3.6201	33.015	74.341	65.327	597.88	26.468	0
"2014-08-29	12:00:00"	3.2715	46.314	77.454	58.5	735.41	26.468	0
"2014-08-29	13:00:00"	5.8285	36.932	79.604	53.38	840.39	26.462	0
"2014-08-29	14:00:00"	6.3933	58.734	82.096	48.134	936.6	26.453	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-29	15:00:00"	5.2152	25.326	84.088	43.131	924.27	26.438	0
"2014-08-29	16:00:00"	4.4875	86.365	85.968	38.491	859.13	26.415	0
"2014-08-29	17:00:00"	5.693	62.193	87.38	35.489	757.26	26.394	0
"2014-08-29	18:00:00"	5.1307	75.529	87.783	33.645	462.23	26.394	0
"2014-08-29	19:00:00"	5.7862	49.9	88.122	32.465	294.75	26.394	0
"2014-08-29	20:00:00"	4.3446	72.71	86.395	34.916	118.25	26.4	0
"2014-08-29	21:00:00"	5.6166	81.19	81.797	41.939	4.2924	26.418	0
"2014-08-29	22:00:00"	8.1642	94.359	80.349	46.304	0.05745	26.441	0
"2014-08-29	23:00:00"	6.6101	96.922	78.641	48.224	0.05533	26.459	0
"2014-08-30	00:00:00"	8.3711	107.16	77.616	53.872	0.06423	26.477	0
"2014-08-30	01:00:00"	9.2392	113.28	76.18	60.238	0.03413	26.48	0
"2014-08-30	02:00:00"	7.7006	120.23	74.528	62.836	0.06953	26.48	0
"2014-08-30	03:00:00"	5.4705	113.99	72.592	66.489	0.07546	26.48	0
"2014-08-30	04:00:00"	4.5136	110.51	70.188	72.956	0.05723	26.477	0
"2014-08-30	05:00:00"	3.2436	78.131	68.555	76.399	0.05829	26.48	0
"2014-08-30	06:00:00"	4.39	105.35	68.388	76.466	0.07631	26.48	0
"2014-08-30	07:00:00"	5.5675	131.5	67.595	77.651	0.05766	26.485	0
"2014-08-30	08:00:00"	2.3333	196.86	66.829	78.944	21.673	26.5	0
"2014-08-30	09:00:00"	3.3393	177.71	70.054	73.497	173.33	26.506	0
"2014-08-30	10:00:00"	7.5695	197.28	75.737	63.165	390.32	26.509	0
"2014-08-30	11:00:00"	7.4024	199.61	79.91	55.383	600.17	26.512	0
"2014-08-30	12:00:00"	3.9699	207.87	84.122	41.889	771.66	26.512	0
"2014-08-30	13:00:00"	4.3912	125.78	86.818	30.325	893.71	26.5	0
"2014-08-30	14:00:00"	5.3991	136.16	89.12	25.129	1002.4	26.48	0
"2014-08-30	15:00:00"	4.989	145.45	90.211	22.399	848.38	26.462	0
"2014-08-30	16:00:00"	6.3703	105.95	91.251	20.56	809.53	26.438	0
"2014-08-30	17:00:00"	6.5207	120.73	91.889	19.394	775.21	26.423	0
"2014-08-30	18:00:00"	6.5629	109.9	91.954	19.927	595.43	26.42	0
"2014-08-30	19:00:00"	8.5917	113.2	90.878	20.643	336.98	26.418	0
"2014-08-30	20:00:00"	8.5532	109.55	88.712	21.39	127.15	26.418	0
"2014-08-30	21:00:00"	6.2808	102.22	83.973	24.09	6.1856	26.423	0
"2014-08-30	22:00:00"	6.6275	104.22	80.132	26.474	0.06529	26.444	0
"2014-08-30	23:00:00"	8.043	115.22	80.251	28.001	0.06487	26.453	0
"2014-08-31	00:00:00"	7.2501	126.54	78.828	35.361	0.046	26.453	0
"2014-08-31	01:00:00"	6.6393	141.84	76.764	48.658	0.05829	26.45	0
"2014-08-31	02:00:00"	8.478	159.95	76.771	55.633	0.05745	26.444	0
"2014-08-31	03:00:00"	8.9061	168.71	76.453	56.142	0.05278	26.441	0
"2014-08-31	04:00:00"	10.492	180.96	76.169	56.097	0.06593	26.435	0
"2014-08-31	05:00:00"	9.3187	188.22	74.586	59.551	0.06232	26.438	0
"2014-08-31	06:00:00"	5.9074	194.49	72.097	65.206	0.06699	26.441	0
"2014-08-31	07:00:00"	5.5731	179.66	69.932	70.877	0.06614	26.438	0
"2014-08-31	08:00:00"	5.6259	186.51	69.2	73.656	19.483	26.444	0
"2014-08-31	09:00:00"	7.1408	200.83	71.328	70.67	167.33	26.45	0
"2014-08-31	10:00:00"	10.419	191.35	76.307	60.403	379.96	26.456	0
"2014-08-31	11:00:00"	10.153	184.78	80.529	51.53	585.91	26.459	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-08-31	12:00:00"	10.512	185.92	84.668	43.445	756.93	26.456	0
"2014-08-31	13:00:00"	9.374	208.42	89.029	35.048	875.06	26.441	0
"2014-08-31	14:00:00"	7.6814	208.49	92.18	28.759	932.45	26.418	0
"2014-08-31	15:00:00"	6.607	223.92	94.333	23.878	900.25	26.394	0
"2014-08-31	16:00:00"	5.5656	220.27	95.888	20.742	811.84	26.373	0
"2014-08-31	17:00:00"	7.6919	199.09	96.671	19.412	726.39	26.353	0
"2014-08-31	18:00:00"	8.0958	211.7	97.168	18.416	557.62	26.341	0
"2014-08-31	19:00:00"	8.9707	189	96.527	17.764	330.84	26.332	0
"2014-08-31	20:00:00"	6.8767	181.83	93.833	20.145	122.78	26.329	0
"2014-08-31	21:00:00"	5.78	165.1	87.524	26.817	6.2521	26.338	0
"2014-08-31	22:00:00"	10.314	171.48	87.109	29.512	0.06253	26.358	0
"2014-08-31	23:00:00"	13.843	172.49	86.213	33.121	0.06889	26.373	0
"2014-09-01	00:00:00"	14.349	176.54	83.6	37.308	0.06953	26.379	0
"2014-09-01	01:00:00"	14.798	177.52	81.223	41.673	0.04897	26.379	0
"2014-09-01	02:00:00"	11.465	184.59	79.195	48.672	0.04897	26.385	0
"2014-09-01	03:00:00"	10.375	185.02	77.686	53.795	0.05723	26.379	0
"2014-09-01	04:00:00"	9.3075	182.35	76.301	57.061	0.06635	26.37	0
"2014-09-01	05:00:00"	9.3796	185.25	75.329	59.023	0.07907	26.364	0
"2014-09-01	06:00:00"	8.2431	189.78	74.693	60.693	0.0496	26.37	0
"2014-09-01	07:00:00"	8.1542	190.55	73.733	62.906	0.06677	26.37	0
"2014-09-01	08:00:00"	5.6818	208.29	71.767	67.281	20.465	26.391	0
"2014-09-01	09:00:00"	7.943	202.42	73.802	64.337	171.21	26.397	0
"2014-09-01	10:00:00"	10.524	206.94	78.143	55.645	386.91	26.412	0
"2014-09-01	11:00:00"	9.0695	220.02	82.496	46.21	595.91	26.415	0
"2014-09-01	12:00:00"	7.0345	235.87	87.382	34.894	768.09	26.412	0
"2014-09-01	13:00:00"	4.4347	247.3	91.412	27.041	888.32	26.4	0
"2014-09-01	14:00:00"	4.029	238.05	94.678	21.529	948.08	26.382	0
"2014-09-01	15:00:00"	4.8747	279.74	97.43	16.984	934.93	26.361	0
"2014-09-01	16:00:00"	5.4171	245.05	98.996	14.528	862.83	26.338	0
"2014-09-01	17:00:00"	6.3746	219.45	99.758	13.442	733.62	26.329	0
"2014-09-01	18:00:00"	4.8573	236.37	99.423	13.759	545.3	26.323	0
"2014-09-01	19:00:00"	5.857	218.89	98.899	14.206	332.81	26.32	0
"2014-09-01	20:00:00"	3.2678	212.31	96.084	17.228	124.16	26.323	0
"2014-09-01	21:00:00"	1.7846	174.26	89.616	21.389	5.8822	26.335	0
"2014-09-01	22:00:00"	1.6355	320.06	86.873	22.02	0.04918	26.347	0
"2014-09-01	23:00:00"	7.6224	174.05	85.745	31.793	0.0549	26.373	0
"2014-09-02	00:00:00"	9.7537	182.36	84.963	39.802	0.06741	26.382	0
"2014-09-02	01:00:00"	10.389	180.29	82.931	44.356	0.0725	26.391	0
"2014-09-02	02:00:00"	10.858	185.13	81.188	46.034	0.0602	26.385	0
"2014-09-02	03:00:00"	9.6797	181.85	79.377	48.738	0.06847	26.379	0
"2014-09-02	04:00:00"	8.4276	182.94	77.651	51.37	0.07483	26.385	0
"2014-09-02	05:00:00"	8.0629	179.2	76.011	53.826	0.05914	26.382	0
"2014-09-02	06:00:00"	8.0983	180.8	74.803	54.975	0.07419	26.385	0
"2014-09-02	07:00:00"	5.5818	178.45	72.697	57.34	0.0725	26.4	0
"2014-09-02	08:00:00"	5.8036	180.01	71.148	59.801	19.518	26.418	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-02	09:00:00"	8.1648	182.83	73.641	58.479	169.96	26.423	0
"2014-09-02	10:00:00"	11.791	184.11	77.639	55.264	384.49	26.426	0
"2014-09-02	11:00:00"	9.6778	195.64	81.513	49.289	592.67	26.429	0
"2014-09-02	12:00:00"	8.1598	194.36	86.204	40.819	764.18	26.426	0
"2014-09-02	13:00:00"	6.0956	179.53	90.581	31.615	881.56	26.42	0
"2014-09-02	14:00:00"	5.8956	192.94	94.166	25.273	937.73	26.403	0
"2014-09-02	15:00:00"	6.433	179.65	97.517	19.312	931.3	26.388	0
"2014-09-02	16:00:00"	7.1023	199.25	98.978	16.051	841.53	26.367	0
"2014-09-02	17:00:00"	5.5681	217.34	99.669	15.391	755.6	26.347	0
"2014-09-02	18:00:00"	6.3809	192.81	98.891	16.72	441.69	26.335	0
"2014-09-02	19:00:00"	10.125	148.46	97.469	19.644	292.13	26.326	0
"2014-09-02	20:00:00"	12.759	134.05	93.034	25.191	81.93	26.338	0
"2014-09-02	21:00:00"	12.207	139.87	88.645	31.811	5.67	26.361	0
"2014-09-02	22:00:00"	14.742	148.04	86.56	35.315	0.07207	26.394	0
"2014-09-02	23:00:00"	14.931	157.12	84.118	39.251	0.06995	26.415	0
"2014-09-03	00:00:00"	12.837	161.87	81.917	43.047	0.06508	26.429	0
"2014-09-03	01:00:00"	8.6172	159.63	79.463	47.591	0.05511	26.435	0
"2014-09-03	02:00:00"	9.0335	164.62	78.094	51.235	0.07801	26.426	0
"2014-09-03	03:00:00"	7.3452	169.55	76.624	53.893	0.07207	26.415	0
"2014-09-03	04:00:00"	5.5619	165.52	73.92	58.512	0.05723	26.412	0
"2014-09-03	05:00:00"	6.7779	171.54	73.557	59.974	0.05872	26.415	0
"2014-09-03	06:00:00"	6.292	157.19	72.248	67.967	0.06826	26.415	0
"2014-09-03	07:00:00"	6.0795	156.14	71.069	74.24	0.06889	26.42	0
"2014-09-03	08:00:00"	7.5726	156.15	70.42	77.137	17.153	26.435	0
"2014-09-03	09:00:00"	11.748	164.23	72.109	75.281	146.04	26.441	0
"2014-09-03	10:00:00"	14.134	172	74.58	71.139	380.13	26.45	0
"2014-09-03	11:00:00"	13.428	176.8	77.339	64.016	582.24	26.456	0
"2014-09-03	12:00:00"	13.108	174.72	80.568	56.493	745.48	26.453	0
"2014-09-03	13:00:00"	12.481	172.84	83.619	49.341	872.14	26.441	0
"2014-09-03	14:00:00"	11.907	166.55	86.528	43.682	925	26.429	0
"2014-09-03	15:00:00"	12.938	158.97	88.613	37.241	918.37	26.409	0
"2014-09-03	16:00:00"	13.478	165.53	90.537	33.254	839.58	26.391	0
"2014-09-03	17:00:00"	14.958	165.99	90.48	34.552	721.61	26.379	0
"2014-09-03	18:00:00"	15.071	162.15	89.262	35.348	457.07	26.379	0
"2014-09-03	19:00:00"	15.309	159.56	86.737	39.11	229.27	26.397	0
"2014-09-03	20:00:00"	14.069	154.78	84.249	41.984	65.923	26.4	0
"2014-09-03	21:00:00"	13.982	158.77	82.313	44.901	3.043	26.418	0
"2014-09-03	22:00:00"	11.273	161.55	80.682	47.024	0.06444	26.426	0
"2014-09-03	23:00:00"	10.675	163.99	78.776	52.507	0.06211	26.429	0
"2014-09-04	00:00:00"	14.414	162.14	76.565	56.78	0.07377	26.432	0
"2014-09-04	01:00:00"	14.363	165.9	74.006	62.67	0.05681	26.435	0
"2014-09-04	02:00:00"	12.867	166.65	71.528	67.719	0.05639	26.426	0
"2014-09-04	03:00:00"	12.762	167.65	70.269	71.447	0.06253	26.42	0
"2014-09-04	04:00:00"	11.823	173.89	69.119	76.561	0.06805	26.435	0
"2014-09-04	05:00:00"	11.032	176.83	68.72	78.819	0.06677	26.432	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-04	06:00:00"	12.605	174.62	68.589	78.768	0.07334	26.432	0
"2014-09-04	07:00:00"	10.356	168.05	67.446	81.944	0.05405	26.441	0
"2014-09-04	08:00:00"	9.1596	158.82	67.267	82.42	4.6178	26.453	0
"2014-09-04	09:00:00"	12.975	167.54	68.477	79.071	87.265	26.468	0
"2014-09-04	10:00:00"	14.125	171.97	71.273	72.33	335.81	26.48	0
"2014-09-04	11:00:00"	16.765	174.26	74.632	64.175	564.06	26.491	0
"2014-09-04	12:00:00"	16.482	172.22	77.866	56.568	752.16	26.485	0
"2014-09-04	13:00:00"	15.027	179.29	80.683	50.224	842.02	26.483	0
"2014-09-04	14:00:00"	15.234	176.78	82.04	47.244	783.46	26.462	0
"2014-09-04	15:00:00"	16.701	175.06	84.983	40.587	762.82	26.444	0
"2014-09-04	16:00:00"	17.989	164.67	86.316	36.924	764.3	26.423	0
"2014-09-04	17:00:00"	18.041	164.14	86.39	36.155	613.97	26.412	0
"2014-09-04	18:00:00"	18.665	159.21	84.77	36.626	300.45	26.423	0
"2014-09-04	19:00:00"	19.811	153.9	82.288	31.956	169.75	26.429	0
"2014-09-04	20:00:00"	20.147	153.06	80.891	31.158	89.61	26.432	0
"2014-09-04	21:00:00"	17.258	154.66	78.93	38.706	1.0279	26.447	0
"2014-09-04	22:00:00"	15.371	156.87	77.451	45.308	0.05808	26.471	0
"2014-09-04	23:00:00"	13.073	157.69	76.68	47.916	0.06614	26.488	0
"2014-09-05	00:00:00"	13.212	153.26	75.403	52.435	0.05511	26.488	0
"2014-09-05	01:00:00"	15.242	155.33	74.205	54.68	0.06338	26.494	0
"2014-09-05	02:00:00"	13.092	161.26	73.149	56.901	0.06381	26.5	0
"2014-09-05	03:00:00"	12.168	153.8	72.054	62.163	0.07207	26.503	0
"2014-09-05	04:00:00"	9.648	147.37	71.279	67.702	0.08076	26.503	0
"2014-09-05	05:00:00"	7.9629	136.53	69.821	72.848	0.06126	26.5	0
"2014-09-05	06:00:00"	7.5571	127.42	69.122	76.407	0.04642	26.506	0
"2014-09-05	07:00:00"	8.8614	122.5	69.438	76.89	0.05575	26.53	0
"2014-09-05	08:00:00"	9.7903	139.88	70.082	77.285	7.2266	26.533	0
"2014-09-05	09:00:00"	9.8562	143.17	70.955	76.673	68.237	26.542	0
"2014-09-05	10:00:00"	11.769	149.87	72.066	73.755	111.33	26.547	0
"2014-09-05	11:00:00"	13.486	166.92	73.798	68.801	288.85	26.556	0
"2014-09-05	12:00:00"	12.354	170.56	75.972	63.162	471.59	26.553	0
"2014-09-05	13:00:00"	11.045	169.9	77.846	58.617	449.21	26.545	0
"2014-09-05	14:00:00"	10.396	172.26	77.29	62.136	313.01	26.527	0
"2014-09-05	15:00:00"	9.9985	164.46	77.782	61.181	348	26.512	0
"2014-09-05	16:00:00"	10.484	108.26	75.658	68.493	227.37	26.494	0
"2014-09-05	17:00:00"	12.979	153.1	78.646	58.908	380.9	26.48	0
"2014-09-05	18:00:00"	15.461	156.86	78.41	55.299	167.7	26.474	0
"2014-09-05	19:00:00"	12.24	161.04	76.206	57.907	55.556	26.494	0
"2014-09-05	20:00:00"	9.2938	157.33	76.19	56.629	47.773	26.512	0
"2014-09-05	21:00:00"	9.9189	132.21	75.225	55.238	1.2021	26.539	0
"2014-09-05	22:00:00"	9.2255	124.79	73.455	62.997	0.0549	26.559	0
"2014-09-05	23:00:00"	7.2129	127.69	71.823	69.549	0.05024	26.577	0.01
"2014-09-06	00:00:00"	5.401	125.63	69.195	79.526	0.06105	26.58	0.02
"2014-09-06	01:00:00"	3.1	96.327	68.517	82.926	0.05893	26.583	0
"2014-09-06	02:00:00"	5.0002	61.697	68.477	83.636	0.05427	26.589	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-06	03:00:00"	7.06	53.361	68.15	87.494	0.06953	26.58	0
"2014-09-06	04:00:00"	9.6294	63.208	67.753	88.762	0.06847	26.577	0
"2014-09-06	05:00:00"	11.203	58.559	66.56	89.402	0.05999	26.583	0
"2014-09-06	06:00:00"	12.239	52.793	65.725	89.194	0.06593	26.583	0
"2014-09-06	07:00:00"	14.546	48.229	64.46	90.069	0.05935	26.592	0
"2014-09-06	08:00:00"	15.204	55.322	63.751	89.888	1.2416	26.609	0.05
"2014-09-06	09:00:00"	15.824	54.015	62.925	90.939	16.707	26.612	0.03
"2014-09-06	10:00:00"	16.277	53.158	62.262	89.616	47.3	26.624	0.01
"2014-09-06	11:00:00"	15.512	52.327	62.04	90.394	90.046	26.639	0.01
"2014-09-06	12:00:00"	15.809	41.825	61.127	90.004	129.36	26.645	0.02
"2014-09-06	13:00:00"	15.641	40.482	60.886	89.438	148.41	26.642	0.04
"2014-09-06	14:00:00"	15.877	37.498	60.71	90.99	122.94	26.63	0.05
"2014-09-06	15:00:00"	14.484	47.196	61.1	90.583	84.277	26.636	0.02
"2014-09-06	16:00:00"	13.604	48.096	61.061	90.64	76.178	26.624	0.01
"2014-09-06	17:00:00"	13.871	48.934	61.391	90.131	170.38	26.609	0
"2014-09-06	18:00:00"	12.685	50.369	61.975	88.819	141.4	26.609	0
"2014-09-06	19:00:00"	14.018	51.358	61.99	87.555	71.878	26.607	0
"2014-09-06	20:00:00"	12.157	54.922	61.701	89.017	29.83	26.607	0
"2014-09-06	21:00:00"	11.407	53.373	61.453	89.887	1.0913	26.627	0
"2014-09-06	22:00:00"	10.455	61.171	61.142	89.635	0.05787	26.651	0
"2014-09-06	23:00:00"	10.163	57.665	61.36	89.355	0.05787	26.654	0
"2014-09-07	00:00:00"	11.28	50.555	61.288	91.482	0.07271	26.654	0
"2014-09-07	01:00:00"	11.249	51.97	60.862	92.928	0.08628	26.651	0
"2014-09-07	02:00:00"	10.702	51.542	60.929	93.354	0.07123	26.642	0
"2014-09-07	03:00:00"	11.795	51.098	60.625	93.4	0.07843	26.63	0
"2014-09-07	04:00:00"	10.524	48.572	60.312	93.066	0.0672	26.618	0.01
"2014-09-07	05:00:00"	9.2013	53.901	60.474	92.594	0.07313	26.615	0.05
"2014-09-07	06:00:00"	9.2715	60.193	60.587	92.37	0.06169	26.615	0.01
"2014-09-07	07:00:00"	9.2205	69.85	60.797	92.351	0.06211	26.615	0
"2014-09-07	08:00:00"	9.0136	72.679	60.802	92.545	3.9369	26.615	0
"2014-09-07	09:00:00"	8.2288	74.401	61.031	92.599	17.051	26.63	0.01
"2014-09-07	10:00:00"	3.7562	79.877	61.408	92.531	56.536	26.639	0
"2014-09-07	11:00:00"	8.1387	69.44	61.963	92.319	98.081	26.651	0.01
"2014-09-07	12:00:00"	7.682	81.963	62.367	92.747	87.797	26.654	0
"2014-09-07	13:00:00"	5.7968	71.436	62.754	92.614	87.985	26.648	0.05
"2014-09-07	14:00:00"	5.2058	76.155	63.506	92.291	100.61	26.633	0.01
"2014-09-07	15:00:00"	4.6895	73.454	64.501	91.17	246.21	26.612	0
"2014-09-07	16:00:00"	3.3051	93.735	66.463	87.004	318.88	26.583	0
"2014-09-07	17:00:00"	2.4314	132.34	68.365	81.061	252.83	26.565	0
"2014-09-07	18:00:00"	2.8701	136.2	69.207	79.756	181.53	26.55	0
"2014-09-07	19:00:00"	1.925	64.471	69.899	78.064	93.12	26.553	0
"2014-09-07	20:00:00"	1.3931	14.642	69.842	78.267	25.213	26.55	0
"2014-09-07	21:00:00"	1.5553	56.059	69.416	80.873	0.36206	26.556	0
"2014-09-07	22:00:00"	3.0714	87.934	68.24	85.512	0.06783	26.565	0
"2014-09-07	23:00:00"	4.3223	109.86	66.621	88.02	0.06529	26.577	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-08	00:00:00"	3.2709	125.21	65.593	89.302	0.08394	26.577	0
"2014-09-08	01:00:00"	2.5588	140.86	64.789	91.068	0.05999	26.568	0
"2014-09-08	02:00:00"	3.855	146.95	64.609	92.245	0.0761	26.562	0
"2014-09-08	03:00:00"	2.2904	161.81	64.59	92.619	0.05745	26.565	0
"2014-09-08	04:00:00"	2.3308	161.7	64.492	91.795	0.04918	26.559	0.01
"2014-09-08	05:00:00"	1.2651	137.56	63.776	92.373	0.05236	26.547	0
"2014-09-08	06:00:00"	2.1344	75.572	62.87	93.051	0.08098	26.536	0
"2014-09-08	07:00:00"	3.0882	78.818	61.718	93.352	0.06953	26.533	0
"2014-09-08	08:00:00"	2.9882	49.854	60.8	93.539	13.798	26.539	0
"2014-09-08	09:00:00"	3.7636	86.882	63.587	93.928	169.6	26.542	0
"2014-09-08	10:00:00"	5.6545	138.04	66.54	89.813	193.46	26.55	0
"2014-09-08	11:00:00"	3.8426	178.35	68.886	85.173	268.06	26.565	0
"2014-09-08	12:00:00"	1.93	202.9	71.734	77.757	419.12	26.562	0
"2014-09-08	13:00:00"	2.2394	215.68	74.855	70.062	739.14	26.547	0
"2014-09-08	14:00:00"	0.80033	217.82	77.739	63.279	910.11	26.53	0
"2014-09-08	15:00:00"	4.6112	208.24	80.239	56.055	869.01	26.512	0
"2014-09-08	16:00:00"	8.1791	211.55	82.81	48.318	806.65	26.485	0
"2014-09-08	17:00:00"	8.2245	203.07	84.316	44.182	677.41	26.468	0
"2014-09-08	18:00:00"	8.2002	204.31	85.171	43.037	516.16	26.45	0
"2014-09-08	19:00:00"	9.0782	191.77	84.319	45.518	269.7	26.45	0
"2014-09-08	20:00:00"	6.8519	187.53	82.124	48.783	79.558	26.45	0
"2014-09-08	21:00:00"	4.7703	164.42	77.524	57.204	1.0294	26.453	0
"2014-09-08	22:00:00"	4.2502	152.67	75.672	61.324	0.0566	26.474	0
"2014-09-08	23:00:00"	5.4165	153.5	74.642	62.877	0.06593	26.477	0
"2014-09-09	00:00:00"	5.5675	156.43	73.24	65.092	0.06253	26.48	0
"2014-09-09	01:00:00"	9.0956	171.33	74.432	60.52	0.06381	26.477	0
"2014-09-09	02:00:00"	9.369	175.96	73.661	62.968	0.05935	26.474	0
"2014-09-09	03:00:00"	7.2794	186.3	72.001	67.328	0.06762	26.474	0
"2014-09-09	04:00:00"	6.1764	187.74	70.269	71.859	0.06232	26.462	0
"2014-09-09	05:00:00"	6.7176	180.27	69.068	74.914	0.08182	26.45	0
"2014-09-09	06:00:00"	6.1379	186.33	68.212	76.702	0.06147	26.45	0
"2014-09-09	07:00:00"	5.1829	189.1	67.192	78.374	0.08034	26.447	0
"2014-09-09	08:00:00"	3.1367	200.66	66.198	80.339	13.248	26.45	0
"2014-09-09	09:00:00"	5.6178	193.18	68.527	75.422	144.68	26.462	0
"2014-09-09	10:00:00"	9.2771	199.87	73.665	64.598	349.11	26.462	0
"2014-09-09	11:00:00"	9.7574	198.35	77.695	57.204	551.58	26.468	0
"2014-09-09	12:00:00"	11.718	211.68	81.314	50.256	719.39	26.462	0
"2014-09-09	13:00:00"	12.564	219.9	84.08	46.799	834.72	26.441	0
"2014-09-09	14:00:00"	14.393	222.89	86.775	41.903	890.86	26.412	0
"2014-09-09	15:00:00"	15.192	217.43	88.243	39.617	873.8	26.385	0
"2014-09-09	16:00:00"	13.691	223.72	89.804	37.109	804.22	26.358	0
"2014-09-09	17:00:00"	13.786	226.13	91.068	34.484	653.96	26.344	0
"2014-09-09	18:00:00"	13.003	218.04	90.934	33.87	439.5	26.335	0
"2014-09-09	19:00:00"	11.958	224.7	90.677	33.5	274.38	26.326	0
"2014-09-09	20:00:00"	9.3367	216.37	88.973	34.762	93.236	26.323	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-09	21:00:00"	5.066	221.4	84.258	39.518	1.4754	26.332	0
"2014-09-09	22:00:00"	4.147	216.01	80.379	44.917	0.06699	26.347	0
"2014-09-09	23:00:00"	2.9894	241.28	77.61	49.897	0.05109	26.347	0
"2014-09-10	00:00:00"	2.6632	267.37	76.202	52.418	0.05829	26.347	0
"2014-09-10	01:00:00"	3.1062	176.68	73.526	57.214	0.07207	26.344	0
"2014-09-10	02:00:00"	3.8624	169.03	72.567	57.959	0.08903	26.341	0
"2014-09-10	03:00:00"	5.1375	171.93	72.714	59.246	0.05321	26.341	0
"2014-09-10	04:00:00"	2.9615	163.46	70.909	63.653	0.06911	26.341	0
"2014-09-10	05:00:00"	3.123	173.78	68.933	67.726	0.07123	26.335	0
"2014-09-10	06:00:00"	4.0022	192.18	67.342	73.3	0.06317	26.338	0
"2014-09-10	07:00:00"	2.7595	212.7	65.873	75.877	0.06677	26.338	0
"2014-09-10	08:00:00"	3.4828	241.16	65.674	77.411	14.822	26.353	0
"2014-09-10	09:00:00"	4.7547	235.26	68.638	70.566	149.44	26.367	0
"2014-09-10	10:00:00"	7.1532	282.1	76.799	51.25	360.36	26.379	0
"2014-09-10	11:00:00"	11.721	311.78	82.258	39.042	566.2	26.391	0
"2014-09-10	12:00:00"	12.644	322.63	85.598	33.203	735.28	26.4	0
"2014-09-10	13:00:00"	10.399	331.18	87.863	30.244	851.42	26.397	0
"2014-09-10	14:00:00"	9.0136	344.74	89.353	28.214	904.17	26.391	0
"2014-09-10	15:00:00"	7.3316	326.71	90.79	25.861	891.58	26.382	0
"2014-09-10	16:00:00"	6.471	314.18	91.964	24.166	811.86	26.37	0
"2014-09-10	17:00:00"	5.8558	315.41	90.912	25.397	394.97	26.361	0
"2014-09-10	18:00:00"	5.1015	357.64	91.094	24.807	388.81	26.353	0
"2014-09-10	19:00:00"	4.8237	4.3301	91.166	24.704	304.97	26.358	0
"2014-09-10	20:00:00"	2.8975	16.727	89.487	26.827	98.12	26.361	0
"2014-09-10	21:00:00"	2.6036	346.29	84.433	34.413	0.7468	26.385	0
"2014-09-10	22:00:00"	4.6969	52.565	80.308	43.525	0.06635	26.409	0
"2014-09-10	23:00:00"	11.866	60.89	78.451	54.674	0.07313	26.426	0
"2014-09-11	00:00:00"	12.237	66.67	75.188	63.542	0.08076	26.438	0
"2014-09-11	01:00:00"	13.788	69.614	72.798	66.803	0.06041	26.456	0
"2014-09-11	02:00:00"	14.339	71.623	70.81	69.901	0.06656	26.459	0
"2014-09-11	03:00:00"	14.39	78.085	69.19	71.815	0.05024	26.471	0
"2014-09-11	04:00:00"	11.976	75.857	67.955	74.275	0.05024	26.471	0
"2014-09-11	05:00:00"	9.9071	67.224	66.936	76.116	0.05533	26.471	0
"2014-09-11	06:00:00"	10.538	61.652	65.723	78.873	0.06529	26.48	0
"2014-09-11	07:00:00"	11.618	57.675	64.919	80.162	0.06253	26.483	0
"2014-09-11	08:00:00"	12.417	60.662	64.076	80.673	12.247	26.494	0
"2014-09-11	09:00:00"	14.405	51.659	65.147	76.525	108.64	26.536	0
"2014-09-11	10:00:00"	15.119	49.063	66.769	72.904	230.61	26.547	0
"2014-09-11	11:00:00"	15.949	53.397	68.639	66.989	383.81	26.559	0
"2014-09-11	12:00:00"	14.759	55.083	71.499	62.727	629.82	26.559	0
"2014-09-11	13:00:00"	13.447	68.085	75.145	55.663	836.03	26.542	0
"2014-09-11	14:00:00"	13.09	79.83	77.57	50.534	844.76	26.53	0
"2014-09-11	15:00:00"	11.236	86.778	79.612	47.392	865.03	26.503	0
"2014-09-11	16:00:00"	9.6754	87.376	81.711	44.504	759.83	26.477	0
"2014-09-11	17:00:00"	8.1921	87.659	83.206	42.073	607.12	26.462	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-11	18:00:00"	9.0117	106.04	83.619	41.288	353.63	26.465	0
"2014-09-11	19:00:00"	10.016	105.26	82.264	43.652	148.35	26.462	0
"2014-09-11	20:00:00"	12.521	114.22	80.235	49.157	13.835	26.465	0
"2014-09-11	21:00:00"	15.421	36.113	74.374	64.532	0.15432	26.536	0.22
"2014-09-11	22:00:00"	7.9678	15.96	65.559	90.146	0.06847	26.539	0.67
"2014-09-11	23:00:00"	4.4372	83.402	66.673	90.397	0.05596	26.556	0.06
"2014-09-12	00:00:00"	10.647	70.4	66.886	90.61	0.04452	26.547	0.01
"2014-09-12	01:00:00"	10.171	78.443	66.051	90.815	0.05702	26.553	0.01
"2014-09-12	02:00:00"	8.8844	53.739	65.503	90.781	0.05384	26.553	0
"2014-09-12	03:00:00"	7.3191	20.611	65.19	90.369	0.0566	26.562	0
"2014-09-12	04:00:00"	6.3697	38.413	65.407	90.097	0.05745	26.547	0
"2014-09-12	05:00:00"	5.8844	67.733	64.914	90.039	0.05617	26.53	0
"2014-09-12	06:00:00"	3.9457	68.044	64.084	91.187	0.07864	26.53	0
"2014-09-12	07:00:00"	4.5787	76.903	63.894	91.562	0.046	26.547	0
"2014-09-12	08:00:00"	3.9047	88.492	63.71	91.587	0.4848	26.565	0.04
"2014-09-12	09:00:00"	4.9971	69.544	64.138	92.507	3.6865	26.583	0.11
"2014-09-12	10:00:00"	5.3983	37.22	64.665	92.919	5.8812	26.595	0.48
"2014-09-12	11:00:00"	4.6075	59.268	64.406	92.987	9.3112	26.609	0.12
"2014-09-12	12:00:00"	0.10688	74.351	63.745	92.167	32.901	26.621	0.19
"2014-09-12	13:00:00"	0.57725	68.587	63.195	91.83	83.189	26.615	0.14
"2014-09-12	14:00:00"	0.13608	49	61.729	90.332	183.9	26.627	0.15
"2014-09-12	15:00:00"	0.51512	59.006	58.959	87.972	239.75	26.63	0
"2014-09-12	16:00:00"	3.6388	51.507	57.658	86.27	154.94	26.63	0
"2014-09-12	17:00:00"	8.9509	46.625	55.997	87.162	99.671	26.642	0
"2014-09-12	18:00:00"	14.06	42.113	53.7	88.799	63.977	26.642	0.02
"2014-09-12	19:00:00"	11.944	46.751	52.803	88.13	37.301	26.654	0.01
"2014-09-12	20:00:00"	4.8175	46.528	52.105	88.408	9.7672	26.672	0
"2014-09-12	21:00:00"	3.5822	50.631	51.295	88.352	0.13842	26.701	0
"2014-09-12	22:00:00"	6.8662	51.731	50.8	88.632	0.09475	26.719	0.01
"2014-09-12	23:00:00"	3.3921	52.801	50.072	90.585	0.07123	26.728	0.13
"2014-09-13	00:00:00"	6.6648	54.64	49.391	90.547	0.09327	26.739	0.09
"2014-09-13	01:00:00"	8.9701	50.662	49.362	89.271	0.08606	26.736	0.02
"2014-09-13	02:00:00"	12.233	49.892	48.976	89.097	0.08882	26.736	0
"2014-09-13	03:00:00"	11.859	49.796	48.774	88.228	0.07356	26.725	0
"2014-09-13	04:00:00"	9.0521	47.992	48.391	89.572	0.09369	26.716	0.02
"2014-09-13	05:00:00"	4.8107	51.267	48.046	89.733	0.05024	26.731	0.01
"2014-09-13	06:00:00"	6.0894	53.4	47.977	89.447	0.09645	26.725	0.01
"2014-09-13	07:00:00"	7.3135	47.066	47.578	90.008	0.07504	26.725	0.01
"2014-09-13	08:00:00"	6.4542	38.601	47.476	90.009	1.741	26.728	0
"2014-09-13	09:00:00"	4.1713	37.456	47.493	89.007	18.617	26.745	0
"2014-09-13	10:00:00"	6.6512	48.042	47.68	89.466	87.152	26.748	0
"2014-09-13	11:00:00"	8.1201	37.396	48.144	89.481	142.61	26.757	0
"2014-09-13	12:00:00"	7.0917	42.736	48.68	89.042	147.07	26.763	0
"2014-09-13	13:00:00"	5.6563	44.539	49.602	87.596	260.87	26.748	0
"2014-09-13	14:00:00"	3.6114	61.256	51.015	83.52	348.76	26.736	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-13	15:00:00"	4.861	65.633	52.231	81.993	361.38	26.707	0
"2014-09-13	16:00:00"	3.6891	108.57	53.475	80.865	291.94	26.686	0
"2014-09-13	17:00:00"	2.9552	92.284	54.745	79.382	303.77	26.666	0
"2014-09-13	18:00:00"	2.7688	169.37	56.308	78.069	230.17	26.66	0
"2014-09-13	19:00:00"	3.7655	165.74	56.083	80.18	104.62	26.651	0
"2014-09-13	20:00:00"	2.5215	156.13	55.754	81.809	37.267	26.645	0
"2014-09-13	21:00:00"	3.476	162.47	55.147	84.067	0.76503	26.651	0
"2014-09-13	22:00:00"	3.4902	162.33	54.944	84.847	0.07652	26.666	0
"2014-09-13	23:00:00"	2.9242	181.23	55.197	84.265	0.07229	26.669	0
"2014-09-14	00:00:00"	5.1667	177.9	54.901	86.461	0.0744	26.669	0
"2014-09-14	01:00:00"	5.2698	190.15	53.934	91.534	0.07886	26.663	0
"2014-09-14	02:00:00"	4.9908	217.04	53.603	92.001	0.07589	26.651	0
"2014-09-14	03:00:00"	3.0087	0.62357	53.704	92.33	0.06105	26.645	0
"2014-09-14	04:00:00"	4.124	243.9	53.846	92.231	0.07313	26.639	0
"2014-09-14	05:00:00"	5.7036	259.92	53.863	92.429	0.0672	26.627	0
"2014-09-14	06:00:00"	14.118	30.88	54.115	92.613	0.0884	26.624	0
"2014-09-14	07:00:00"	2.6676	62.711	54.392	92.523	0.08522	26.636	0
"2014-09-14	08:00:00"	0.42253	167.58	54.566	93.043	1.7204	26.648	0
"2014-09-14	09:00:00"	0.59155	163.95	55.028	93.229	41.162	26.663	0
"2014-09-14	10:00:00"	0	"INF"	55.899	93.282	97.206	26.677	0
"2014-09-14	11:00:00"	1.3739	152.67	56.73	93.07	114.72	26.683	0
"2014-09-14	12:00:00"	0.51512	131.98	57.746	90.803	154.07	26.677	0
"2014-09-14	13:00:00"	0.23861	136.52	59.261	88.376	204.16	26.677	0.01
"2014-09-14	14:00:00"	0	"INF"	60.31	86.643	206.69	26.66	0
"2014-09-14	15:00:00"	0	"INF"	62.355	82.603	274.66	26.645	0
"2014-09-14	16:00:00"	0.48902	166.43	63.28	80.813	298.37	26.63	0
"2014-09-14	17:00:00"	3.448	139.71	63.945	82.093	217.81	26.618	0
"2014-09-14	18:00:00"	1.2396	144.92	65.052	79.471	216.19	26.615	0
"2014-09-14	19:00:00"	1.856	149.05	66.36	76.699	197.63	26.607	0
"2014-09-14	20:00:00"	1.1402	152.22	65.41	79.256	29.931	26.607	0
"2014-09-14	21:00:00"	0.68786	149.83	63.845	84.749	0.32454	26.607	0
"2014-09-14	22:00:00"	0.20195	137.61	63.116	88.047	0.05405	26.615	0
"2014-09-14	23:00:00"	0.99419	184.82	62.317	90.365	0.06508	26.618	0
"2014-09-15	00:00:00"	3.6437	181.04	62.677	90.113	0.06423	26.621	0
"2014-09-15	01:00:00"	1.344	189.68	62.367	91.098	0.06126	26.618	0
"2014-09-15	02:00:00"	0.9886	190.49	62.772	90.642	0.05935	26.609	0
"2014-09-15	03:00:00"	2.2469	184.58	63.14	90.019	0.04091	26.615	0
"2014-09-15	04:00:00"	1.1713	185.52	63.14	90.528	0.04876	26.601	0
"2014-09-15	05:00:00"	0.54743	186.59	63.28	89.989	0.10387	26.592	0
"2014-09-15	06:00:00"	0.05406	185.24	63.34	89.77	0.10451	26.598	0
"2014-09-15	07:00:00"	0	"INF"	63.433	89.057	0.07038	26.607	0
"2014-09-15	08:00:00"	0.01864	193	63.32	89.415	1.9231	26.615	0
"2014-09-15	09:00:00"	0.04722	180	63.59	89.426	63.219	26.615	0
"2014-09-15	10:00:00"	0	"INF"	65.247	85.801	150.81	26.621	0
"2014-09-15	11:00:00"	0.07954	181.45	66.906	81.473	214.15	26.63	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-15	12:00:00"	1.1172	196.51	68.36	77.989	252.04	26.633	0
"2014-09-15	13:00:00"	5.6725	192.93	70.164	73.205	388.14	26.63	0
"2014-09-15	14:00:00"	5.8608	188.31	71.438	70.424	365.33	26.612	0
"2014-09-15	15:00:00"	5.1822	172.63	71.741	70.159	189.76	26.601	0
"2014-09-15	16:00:00"	5.1605	158.24	71.886	69.473	219.21	26.583	0
"2014-09-15	17:00:00"	4.3036	140.29	72.655	67.761	210.01	26.58	0
"2014-09-15	18:00:00"	5.8925	127.66	73.118	66.636	185.74	26.586	0
"2014-09-15	19:00:00"	5.4246	125.96	72.579	69.09	83.396	26.595	0
"2014-09-15	20:00:00"	3.5132	102.34	71.521	73.029	25.652	26.598	0
"2014-09-15	21:00:00"	2.7303	89.469	70.18	77.859	0.08098	26.612	0
"2014-09-15	22:00:00"	1.1893	93.226	69.467	79.292	0.05172	26.63	0
"2014-09-15	23:00:00"	3.2423	62.621	67.86	83.755	0.06868	26.642	0
"2014-09-16	00:00:00"	1.9095	72.639	67.137	85.314	0.04812	26.648	0
"2014-09-16	01:00:00"	1.6625	57.71	67.058	86.701	0.05623	26.648	0
"2014-09-16	02:00:00"	1.7032	80.495	67.01	87.158	0.05999	26.642	0
"2014-09-16	03:00:00"	1.7374	65.065	66.517	88.487	0.05554	26.639	0
"2014-09-16	04:00:00"	1.6988	72.025	66.955	87.364	0.07229	26.633	0
"2014-09-16	05:00:00"	1.9393	52.249	66.741	88.411	0.08331	26.63	0
"2014-09-16	06:00:00"	2.3724	65.05	66.512	88.135	0.0761	26.621	0
"2014-09-16	07:00:00"	2.4358	56.394	65.85	89.452	0.09709	26.624	0
"2014-09-16	08:00:00"	2.35	58.499	65.408	89.817	3.6314	26.63	0
"2014-09-16	09:00:00"	2.9074	38.671	66.074	89.484	75.982	26.636	0
"2014-09-16	10:00:00"	2.5414	62.303	68.354	85.204	157.7	26.642	0
"2014-09-16	11:00:00"	1.6442	72.707	70.121	80.378	150.6	26.651	0
"2014-09-16	12:00:00"	2.0002	144.07	71.68	75.104	231.41	26.648	0
"2014-09-16	13:00:00"	3.7966	180.15	73.593	68.125	389.3	26.63	0
"2014-09-16	14:00:00"	4.4341	182.71	74.891	63.252	351.18	26.615	0
"2014-09-16	15:00:00"	4.2328	199.43	75.647	60.554	300.74	26.598	0
"2014-09-16	16:00:00"	3.5866	196.89	74.592	66.631	290.93	26.577	0.01
"2014-09-16	17:00:00"	3.7724	46.58	74.35	69.436	255.56	26.559	0
"2014-09-16	18:00:00"	6.6816	12.094	72.223	79.672	183.63	26.547	0
"2014-09-16	19:00:00"	7.0594	25.36	72.656	76.539	148.11	26.542	0
"2014-09-16	20:00:00"	6.0049	39.443	71.739	78.908	33.392	26.539	0
"2014-09-16	21:00:00"	6.0751	40.451	69.096	87.12	0.09158	26.55	0
"2014-09-16	22:00:00"	6.7847	45.302	67.99	89.679	0.05469	26.559	0
"2014-09-16	23:00:00"	6.2237	51.972	67.623	90.877	0.06762	26.562	0
"2014-09-17	00:00:00"	5.7185	60.883	67.144	91.867	0.07992	26.55	0
"2014-09-17	01:00:00"	4.3887	67.029	67.079	91.426	0.06338	26.545	0
"2014-09-17	02:00:00"	4.0389	69.95	67.41	91.124	0.06063	26.536	0
"2014-09-17	03:00:00"	2.3469	54.71	66.915	92.006	0.07101	26.527	0
"2014-09-17	04:00:00"	3.5064	66.929	66.534	92.319	0.06126	26.512	0
"2014-09-17	05:00:00"	4.559	71.34	66.188	92.171	0.06805	26.497	0
"2014-09-17	06:00:00"	2.2599	78.264	65.885	91.582	0.06508	26.494	0
"2014-09-17	07:00:00"	1.6553	70.206	65.739	91.826	0.0655	26.503	0
"2014-09-17	08:00:00"	1.902	74.209	65.699	91.771	3.5324	26.503	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-17	09:00:00"	1.372	84.829	66.296	91.347	41.838	26.515	0
"2014-09-17	10:00:00"	1.3291	143.7	69.013	86.278	247.89	26.527	0
"2014-09-17	11:00:00"	3.9482	201.55	73.665	74.304	533.57	26.521	0
"2014-09-17	12:00:00"	6.8991	202.52	76.339	67.568	624.92	26.512	0
"2014-09-17	13:00:00"	7.4776	191.47	78.766	61.791	852.32	26.494	0
"2014-09-17	14:00:00"	7.3775	191.24	80.655	56.019	816.58	26.477	0
"2014-09-17	15:00:00"	6.9718	198.45	82.043	52.638	787.06	26.45	0
"2014-09-17	16:00:00"	7.8044	199.66	82.877	49.49	700.81	26.426	0
"2014-09-17	17:00:00"	6.7058	165.08	83.431	48.911	574.24	26.403	0
"2014-09-17	18:00:00"	5.2798	196.92	84.16	45.862	414.86	26.397	0
"2014-09-17	19:00:00"	2.3482	216.35	82.328	51.009	114.54	26.4	0
"2014-09-17	20:00:00"	1.5628	61.215	81.281	53.205	34.703	26.406	0
"2014-09-17	21:00:00"	10.4	34.587	75.374	66.955	0.06571	26.432	0
"2014-09-17	22:00:00"	11.632	58.651	71.005	78.268	0.07017	26.435	0
"2014-09-17	23:00:00"	13.776	77.443	69.557	82.443	0.05914	26.444	0
"2014-09-18	00:00:00"	12.754	87.74	68.149	85.816	0.05088	26.447	0
"2014-09-18	01:00:00"	9.159	96.507	67.426	88.057	0.07186	26.435	0
"2014-09-18	02:00:00"	8.7936	105.47	67.347	89.451	0.05448	26.423	0
"2014-09-18	03:00:00"	6.0838	107.04	67.665	87.961	0.06465	26.426	0
"2014-09-18	04:00:00"	2.8272	107.75	67.67	82.504	0.04685	26.412	0
"2014-09-18	05:00:00"	2.1841	112	66.937	84.369	0.05872	26.403	0
"2014-09-18	06:00:00"	1.815	201.84	66.455	87.028	0.07674	26.412	0.01
"2014-09-18	07:00:00"	4.8417	295	65.408	89.196	0.08013	26.429	0.06
"2014-09-18	08:00:00"	2.3892	314.25	64.604	90.489	0.36482	26.435	0.17
"2014-09-18	09:00:00"	2.0984	303.72	64.778	90.253	24.598	26.426	0.04
"2014-09-18	10:00:00"	0.16528	285.93	65.878	88.761	121.82	26.409	0.01
"2014-09-18	11:00:00"	1.5509	284.41	68.648	83.979	247.88	26.426	0
"2014-09-18	12:00:00"	1.5081	283.92	71.41	75.297	269.51	26.441	0
"2014-09-18	13:00:00"	4.5354	45.803	71.373	79.808	265.56	26.438	0.03
"2014-09-18	14:00:00"	7.0178	79.44	72.26	79.779	819.15	26.423	0
"2014-09-18	15:00:00"	8.6364	87.511	72.275	81.095	372.24	26.412	0.01
"2014-09-18	16:00:00"	5.4327	81.847	72.924	79.976	384.81	26.385	0
"2014-09-18	17:00:00"	11.062	81.904	74.51	74.952	466.99	26.379	0
"2014-09-18	18:00:00"	10.707	86.524	74.325	74.518	251.38	26.394	0
"2014-09-18	19:00:00"	10.078	89.156	72.862	78.161	98.461	26.385	0
"2014-09-18	20:00:00"	9.694	86.021	70.304	83.848	11.751	26.397	0
"2014-09-18	21:00:00"	7.0973	83.241	69.112	88.935	0.06953	26.409	0.01
"2014-09-18	22:00:00"	4.8529	85.39	68.625	89.077	0.07144	26.432	0
"2014-09-18	23:00:00"	3.8662	91.335	68.156	88.921	0.05808	26.438	0
"2014-09-19	00:00:00"	0.70898	98.596	68.314	89.821	0.0903	26.423	0
"2014-09-19	01:00:00"	0.35294	104.67	68.428	90.584	0.07992	26.426	0
"2014-09-19	02:00:00"	0.51139	107.23	68.144	90.426	0.06847	26.42	0.02
"2014-09-19	03:00:00"	0.33803	110.39	67.902	91.752	0.07631	26.426	0
"2014-09-19	04:00:00"	0.02361	114	67.75	91.52	0.05088	26.4	0.07
"2014-09-19	05:00:00"	0 "INF"		67.335	92.473	0.06571	26.4	0.12

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-19	06:00:00"	0.51636	97.909	67.164	92.767	0.06296	26.415	0.17
"2014-09-19	07:00:00"	0.72638	111.2	67.084	93.263	0.0778	26.418	0.23
"2014-09-19	08:00:00"	0.19511	104.1	67.044	93.314	0.08479	26.426	0.16
"2014-09-19	09:00:00"	0.55986	122.68	66.965	93.096	2.4999	26.432	0.2
"2014-09-19	10:00:00"	0	"INF"	67.093	93.407	21.46	26.444	0.19
"2014-09-19	11:00:00"	0	"INF"	67.585	92.709	69.571	26.447	0.01
"2014-09-19	12:00:00"	0	"INF"	67.951	90.826	89.541	26.447	0
"2014-09-19	13:00:00"	0	"INF"	68.354	89.428	177.43	26.444	0.01
"2014-09-19	14:00:00"	0.10625	163.22	68.711	88.508	174.25	26.423	0.08
"2014-09-19	15:00:00"	0	"INF"	69.923	86.533	270.85	26.409	0
"2014-09-19	16:00:00"	0	"INF"	71.67	77.995	277.86	26.4	0
"2014-09-19	17:00:00"	0.01802	100	72.56	76.528	167.7	26.394	0
"2014-09-19	18:00:00"	0.32125	101.92	73.852	74.297	202.11	26.403	0
"2014-09-19	19:00:00"	0.75932	87.085	72.347	80.101	28.585	26.403	0
"2014-09-19	20:00:00"	0.11682	92.494	71.446	83.009	9.28	26.409	0
"2014-09-19	21:00:00"	0.61454	100.83	70.184	86.198	0.08628	26.415	0
"2014-09-19	22:00:00"	0.10812	72.877	69.293	89.066	0.06381	26.432	0
"2014-09-19	23:00:00"	0.07021	82	69.553	89.102	0.06444	26.459	0
"2014-09-20	00:00:00"	0.01926	94	69.625	89.955	0.07059	26.456	0
"2014-09-20	01:00:00"	0	"INF"	69.007	91.388	0.06296	26.444	0.04
"2014-09-20	02:00:00"	0	"INF"	68.381	92.187	0.05745	26.441	0.03
"2014-09-20	03:00:00"	0.16963	163.07	68.648	92.863	0.092	26.432	0.02
"2014-09-20	04:00:00"	0.01802	20.736	68.432	93.215	0.05808	26.423	0
"2014-09-20	05:00:00"	0	"INF"	68.556	93.497	0.0708	26.423	0
"2014-09-20	06:00:00"	0	"INF"	68.54	93.005	0.06105	26.432	0
"2014-09-20	07:00:00"	0	"INF"	68.416	92.987	0.05109	26.438	0
"2014-09-20	08:00:00"	0	"INF"	68.463	92.92	0.77309	26.453	0
"2014-09-20	09:00:00"	0	"INF"	68.675	92.956	11.148	26.468	0.08
"2014-09-20	10:00:00"	0	"INF"	69.332	92.309	52.702	26.483	0.02
"2014-09-20	11:00:00"	0	"INF"	70.709	89.417	150.62	26.5	0.06
"2014-09-20	12:00:00"	0	"INF"	71.306	86.986	121.81	26.506	0
"2014-09-20	13:00:00"	0	"INF"	73.649	77.679	502.31	26.497	0
"2014-09-20	14:00:00"	0.52506	40.694	77.127	67.525	664.68	26.491	0
"2014-09-20	15:00:00"	0.28707	33.942	78.247	63.992	757.46	26.468	0
"2014-09-20	16:00:00"	0.83264	30.9	79.385	59.979	583.43	26.45	0
"2014-09-20	17:00:00"	2.401	18.161	79.883	59.393	355.1	26.447	0
"2014-09-20	18:00:00"	1.0514	53.946	79.663	60.762	226.54	26.45	0
"2014-09-20	19:00:00"	0.48405	72	78.132	68.498	175.68	26.447	0.01
"2014-09-20	20:00:00"	2.2357	63.223	76.446	71.969	39.233	26.462	0
"2014-09-20	21:00:00"	7.4161	57.611	72.507	85.315	0.07292	26.491	0
"2014-09-20	22:00:00"	6.2125	85.702	71.036	89.383	0.06762	26.512	0
"2014-09-20	23:00:00"	2.8701	99.885	69.864	90.246	0.08034	26.527	0
"2014-09-21	00:00:00"	1.0837	102.11	69.603	91.669	0.07271	26.539	0
"2014-09-21	01:00:00"	0.92336	102.47	70.251	91.442	0.07271	26.533	0
"2014-09-21	02:00:00"	0.01988	87	70.022	91.377	0.05957	26.539	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-21	03:00:00"	0.11247	104.2	69.703	91.104	0.05045	26.536	0
"2014-09-21	04:00:00"	0.48467	92.301	69.309	91.415	0.06783	26.527	0.04
"2014-09-21	05:00:00"	0.55053	83.356	68.866	93.121	0.05193	26.536	0.62
"2014-09-21	06:00:00"	0.03915	88	68.974	93.925	0.08394	26.542	0.08
"2014-09-21	07:00:00"	0.85811	105.56	69.09	93.317	0.07377	26.559	0.11
"2014-09-21	08:00:00"	1.4528	132.47	67.808	90.817	0.10747	26.583	0.05
"2014-09-21	09:00:00"	1.9151	123.49	65.785	91.228	1.922	26.595	0.09
"2014-09-21	10:00:00"	1.0843	96.826	66.595	92.678	9.4814	26.612	0.23
"2014-09-21	11:00:00"	0.33989	78.453	66.66	91.199	11.737	26.624	0.12
"2014-09-21	12:00:00"	0.24047	66.451	66.416	90.13	45.78	26.615	0.07
"2014-09-21	13:00:00"	0.37717	66.05	68.298	91.411	139.36	26.612	0.01
"2014-09-21	14:00:00"	0.22618	84.334	70.865	86.901	293.44	26.598	0
"2014-09-21	15:00:00"	0.942	79.487	71.465	82.191	378.25	26.583	0
"2014-09-21	16:00:00"	5.7682	87.747	72.181	76.09	261.7	26.58	0
"2014-09-21	17:00:00"	4.2875	94.297	69.896	85.532	83.911	26.58	0.06
"2014-09-21	18:00:00"	2.8782	94.743	69.002	90.131	42.235	26.586	0.09
"2014-09-21	19:00:00"	2.0859	85.12	68.784	91.185	21.361	26.589	0.05
"2014-09-21	20:00:00"	2.1431	73.04	68.347	90.116	5.8142	26.589	0
"2014-09-21	21:00:00"	1.0458	72.783	67.844	91.14	0.0725	26.612	0.01
"2014-09-21	22:00:00"	1.3335	67.422	67.797	92.016	0.06084	26.642	0
"2014-09-21	23:00:00"	2.3047	70.02	67.765	91.961	0.07017	26.657	0.01
"2014-09-22	00:00:00"	1.2856	67.649	67.8	92.549	0.07525	26.657	0
"2014-09-22	01:00:00"	0.63069	72.681	67.79	92.648	0.07292	26.651	0
"2014-09-22	02:00:00"	0.12614	61.778	67.536	92.687	0.06147	26.651	0
"2014-09-22	03:00:00"	0.01802	49	67.158	92.309	0.05723	26.642	0
"2014-09-22	04:00:00"	0.05095	45.667	67.092	91.583	0.05999	26.636	0
"2014-09-22	05:00:00"	0 "INF"		66.786	91.781	0.06359	26.636	0
"2014-09-22	06:00:00"	0 "INF"		66.523	92.261	0.08373	26.639	0
"2014-09-22	07:00:00"	0 "INF"		66.437	92.271	0.04579	26.651	0
"2014-09-22	08:00:00"	0 "INF"		66.38	92.265	2.4439	26.657	0
"2014-09-22	09:00:00"	0 "INF"		66.629	91.608	45.064	26.672	0
"2014-09-22	10:00:00"	0 "INF"		67.042	90.256	76.805	26.689	0
"2014-09-22	11:00:00"	0 "INF"		68.044	88.388	160.76	26.689	0
"2014-09-22	12:00:00"	0 "INF"		70.286	83.474	253.08	26.695	0
"2014-09-22	13:00:00"	0.02548	122	71.936	78.12	289.66	26.68	0
"2014-09-22	14:00:00"	0.60907	67.394	71.477	81.395	180.69	26.663	0
"2014-09-22	15:00:00"	4.4795	117.41	71.923	73.299	267.02	26.648	0
"2014-09-22	16:00:00"	4.4422	113.85	68.973	74.864	75.582	26.633	0
"2014-09-22	17:00:00"	5.4072	86.933	69.893	75.74	135.08	26.615	0
"2014-09-22	18:00:00"	4.4335	89.012	71.786	74.327	90.932	26.609	0
"2014-09-22	19:00:00"	3.1448	79.412	71.984	75.436	47.547	26.615	0
"2014-09-22	20:00:00"	3.8643	53.84	70.1	81.689	7.9755	26.612	0
"2014-09-22	21:00:00"	3.0168	61.323	68.742	85.404	0.06932	26.624	0
"2014-09-22	22:00:00"	3.7425	60.26	67.847	84.979	0.07801	26.636	0
"2014-09-22	23:00:00"	3.5779	71.53	67.816	84.341	0.07398	26.642	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-23	00:00:00"	4.7821	92.938	68.432	86.298	0.06932	26.639	0
"2014-09-23	01:00:00"	4.2316	92.023	67.555	86.61	0.04947	26.633	0
"2014-09-23	02:00:00"	4.2937	97.4	66.57	87.736	0.06995	26.618	0
"2014-09-23	03:00:00"	3.2075	111.92	65.976	88.655	0.07419	26.607	0
"2014-09-23	04:00:00"	2.3612	115.15	65.24	89.68	0.06762	26.592	0
"2014-09-23	05:00:00"	2.135	85.252	64.737	90.191	0.08182	26.595	0
"2014-09-23	06:00:00"	2.7719	55.746	64.009	91.394	0.05215	26.598	0
"2014-09-23	07:00:00"	3.1392	40.513	63.237	92.436	0.06508	26.601	0
"2014-09-23	08:00:00"	1.7442	74.465	63.001	92.752	1.5288	26.607	0
"2014-09-23	09:00:00"	1.9698	75.825	64.061	91.483	78.28	26.618	0
"2014-09-23	10:00:00"	4.2098	112.71	68.134	78.123	206.86	26.633	0
"2014-09-23	11:00:00"	6.7201	132.23	70.399	66.707	180.55	26.633	0
"2014-09-23	12:00:00"	9.6685	163.49	72.397	62.379	313.14	26.624	0
"2014-09-23	13:00:00"	14.53	173.27	74.876	56.948	472.14	26.609	0
"2014-09-23	14:00:00"	13.47	190.99	76.224	54.678	540.57	26.604	0
"2014-09-23	15:00:00"	12.018	198.86	76.671	52.814	511.53	26.577	0
"2014-09-23	16:00:00"	9.7344	199.76	77.94	50.622	535.96	26.559	0
"2014-09-23	17:00:00"	8.2419	196.44	79.158	48.185	521.02	26.547	0
"2014-09-23	18:00:00"	7.8864	204.42	78.628	48.616	250.78	26.539	0
"2014-09-23	19:00:00"	5.3127	206.84	76.584	54.445	74.369	26.53	0
"2014-09-23	20:00:00"	4.0644	190.31	74.166	60.314	19.857	26.53	0
"2014-09-23	21:00:00"	1.9263	169.11	72.213	64.751	0.04664	26.542	0
"2014-09-23	22:00:00"	3.3442	101.39	70.423	70.27	0.07207	26.55	0
"2014-09-23	23:00:00"	4.303	98.66	69.457	73.239	0.07758	26.562	0
"2014-09-24	00:00:00"	4.1588	122.16	69.459	71.63	0.08161	26.562	0
"2014-09-24	01:00:00"	4.6584	158.79	68.107	75.703	0.05957	26.556	0
"2014-09-24	02:00:00"	4.0625	172.55	66.538	79.095	0.05342	26.562	0
"2014-09-24	03:00:00"	3.8531	173.91	65.429	80.67	0.06995	26.559	0
"2014-09-24	04:00:00"	5.0803	176.89	66.391	78.174	0.06317	26.545	0
"2014-09-24	05:00:00"	4.5279	164.86	66.269	77.718	0.05639	26.547	0
"2014-09-24	06:00:00"	5.4519	159.44	66.299	79.486	0.05935	26.553	0
"2014-09-24	07:00:00"	5.7017	161.35	66.547	81.664	0.06974	26.562	0
"2014-09-24	08:00:00"	6.4498	160.19	66.154	83.764	1.8345	26.571	0
"2014-09-24	09:00:00"	6.8028	166.4	66.761	83.949	50.209	26.586	0
"2014-09-24	10:00:00"	8.5401	177.69	69.422	77.311	165.49	26.609	0
"2014-09-24	11:00:00"	9.7307	164.96	70.667	73.433	184.03	26.615	0
"2014-09-24	12:00:00"	8.852	171.49	72.611	69.353	375.66	26.621	0
"2014-09-24	13:00:00"	8.0169	171.13	74.947	63.082	494.53	26.618	0
"2014-09-24	14:00:00"	5.8098	150.91	76.759	57.611	386.44	26.607	0
"2014-09-24	15:00:00"	6.5207	136.68	78.73	52.163	554.04	26.627	0.11
"2014-09-24	16:00:00"	7.0818	157.37	80.915	45.943	678.64	26.609	0
"2014-09-24	17:00:00"	7.5857	167.08	81.59	44.88	581.17	26.595	0
"2014-09-24	18:00:00"	7.1041	170.19	80.042	47.44	270.67	26.583	0
"2014-09-24	19:00:00"	7.2744	141.61	79.809	46.222	212.98	26.598	0
"2014-09-24	20:00:00"	4.1066	128.83	76.187	51.576	41.231	26.612	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-24	21:00:00"	6.3585	61.007	71.971	62.498	0.06508	26.657	0
"2014-09-24	22:00:00"	18.417	20.413	64.191	70.861	0.06656	26.683	0
"2014-09-24	23:00:00"	11.865	26.801	62.011	83.096	0.06699	26.686	0
"2014-09-25	00:00:00"	8.862	60.732	61.184	89.207	0.06805	26.677	0
"2014-09-25	01:00:00"	6.2261	99.653	61.433	89.196	0.06296	26.669	0
"2014-09-25	02:00:00"	5.0225	121.56	61.757	88.639	0.06635	26.657	0
"2014-09-25	03:00:00"	4.979	95.151	62.496	87.126	0.05829	26.663	0
"2014-09-25	04:00:00"	4.5509	83.901	62.034	86.352	0.06826	26.66	0
"2014-09-25	05:00:00"	5.0704	57.577	61.807	88.257	0.05554	26.654	0
"2014-09-25	06:00:00"	4.4198	64.204	61.375	89.436	0.06847	26.66	0
"2014-09-25	07:00:00"	4.8703	52.93	61.44	90.16	0.06084	26.672	0
"2014-09-25	08:00:00"	5.3494	54.134	61.391	90.614	2.5022	26.677	0
"2014-09-25	09:00:00"	3.9264	69.659	61.722	91.096	21.849	26.692	0
"2014-09-25	10:00:00"	3.7034	80.527	62.52	85.878	40.83	26.663	0
"2014-09-25	11:00:00"	5.2413	101.38	63.548	77	80.936	26.672	0
"2014-09-25	12:00:00"	5.0766	90.381	63.779	73.88	124.65	26.672	0
"2014-09-25	13:00:00"	5.4674	136.22	65.739	70.933	225.95	26.669	0
"2014-09-25	14:00:00"	5.4836	151.46	66.984	63.807	281.66	26.657	0
"2014-09-25	15:00:00"	4.8386	120.73	68.197	62.57	280.03	26.636	0
"2014-09-25	16:00:00"	5.1033	109.06	68.823	59.91	287.09	26.615	0
"2014-09-25	17:00:00"	4.3521	94.179	69.296	61.073	140.5	26.607	0
"2014-09-25	18:00:00"	7.0115	72.39	69.278	63.728	193.39	26.598	0
"2014-09-25	19:00:00"	7.0811	73.63	68.251	67.32	87.287	26.601	0
"2014-09-25	20:00:00"	5.0816	58.39	66.568	73.34	16.155	26.598	0
"2014-09-25	21:00:00"	6.3367	40.132	64.087	81.676	0.07334	26.607	0
"2014-09-25	22:00:00"	6.6238	47.021	63.319	83.714	0.06317	26.612	0.02
"2014-09-25	23:00:00"	6.6922	41.061	62.075	86.876	0.06911	26.618	0.02
"2014-09-26	00:00:00"	5.8968	41.153	61.755	86.529	0.06359	26.618	0
"2014-09-26	01:00:00"	5.9608	44.695	61.893	85.889	0.07356	26.604	0
"2014-09-26	02:00:00"	5.6147	48.499	61.966	84.117	0.06508	26.601	0
"2014-09-26	03:00:00"	4.7771	20.058	61.463	85.46	0.0778	26.595	0
"2014-09-26	04:00:00"	4.8635	21.016	60.513	86.117	0.06805	26.583	0
"2014-09-26	05:00:00"	4.8355	38.877	59.654	85.508	0.07822	26.577	0
"2014-09-26	06:00:00"	5.2879	35.264	59.388	85.199	0.07822	26.577	0
"2014-09-26	07:00:00"	5.9297	35.533	59.169	85.376	0.06338	26.58	0
"2014-09-26	08:00:00"	6.1783	52.244	58.584	86.131	2.0836	26.589	0
"2014-09-26	09:00:00"	5.4476	72.847	59.203	83.017	49.323	26.598	0
"2014-09-26	10:00:00"	4.8871	98.171	63.329	74.902	218.61	26.609	0
"2014-09-26	11:00:00"	6.75	157.92	67.501	70.67	355.08	26.615	0
"2014-09-26	12:00:00"	7.1147	168.12	68.878	68.12	530.6	26.612	0
"2014-09-26	13:00:00"	6.0024	183.22	72.36	59.37	675.47	26.604	0
"2014-09-26	14:00:00"	7.0432	184.56	74.018	52.313	726.88	26.58	0
"2014-09-26	15:00:00"	6.878	173.3	75.464	48.111	743.87	26.559	0
"2014-09-26	16:00:00"	6.2597	151.29	76.03	45.961	670	26.547	0
"2014-09-26	17:00:00"	8.0387	188.39	76.266	45.751	501.45	26.536	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-26	18:00:00"	7.1998	188.19	73.615	56.196	246.64	26.527	0
"2014-09-26	19:00:00"	10.519	181.58	72.652	59.201	221.05	26.527	0
"2014-09-26	20:00:00"	6.2007	188.08	69.38	65.02	35.405	26.53	0
"2014-09-26	21:00:00"	3.4169	181.09	65.135	79.946	0.08755	26.542	0
"2014-09-26	22:00:00"	2.9372	180.46	63.606	86.359	0.06423	26.556	0
"2014-09-26	23:00:00"	3.3324	152.44	62.808	86.702	0.0513	26.565	0
"2014-09-27	00:00:00"	3.9463	152.52	62.236	86.077	0.06487	26.568	0
"2014-09-27	01:00:00"	3.4958	141.63	61.522	87.648	0.07886	26.565	0
"2014-09-27	02:00:00"	4.0725	168.42	60.02	89.149	0.09285	26.559	0
"2014-09-27	03:00:00"	2.2301	164.86	59.03	90.682	0.05596	26.553	0
"2014-09-27	04:00:00"	2.1313	157.48	58.849	91.369	0.0761	26.542	0
"2014-09-27	05:00:00"	2.5582	125.72	58.524	91.515	0.06402	26.536	0
"2014-09-27	06:00:00"	2.0642	68.847	58.117	89.454	0.07059	26.53	0
"2014-09-27	07:00:00"	3.1622	48.427	56.705	91.343	0.0725	26.533	0.01
"2014-09-27	08:00:00"	3.9855	51.491	55.817	92.373	1.9091	26.536	0
"2014-09-27	09:00:00"	3.2833	67.225	57.97	90.698	60.195	26.55	0
"2014-09-27	10:00:00"	5.396	118.38	60.608	88.123	76.098	26.562	0
"2014-09-27	11:00:00"	6.0907	121.33	62.407	85.082	163.28	26.565	0
"2014-09-27	12:00:00"	6.2715	132.17	65.607	74.396	300.41	26.562	0
"2014-09-27	13:00:00"	7.7336	151.38	66.919	71.639	209.28	26.55	0
"2014-09-27	14:00:00"	6.804	166.06	68.55	69.652	368.99	26.53	0
"2014-09-27	15:00:00"	8.706	165.54	71.675	61.936	671.15	26.5	0
"2014-09-27	16:00:00"	8.8489	193.55	73.252	56.724	570.06	26.485	0
"2014-09-27	17:00:00"	8.0884	171.65	73.893	54.723	448.67	26.468	0
"2014-09-27	18:00:00"	7.5453	187.61	73.033	56.078	159.73	26.459	0
"2014-09-27	19:00:00"	5.9906	159	71.948	58.802	45.925	26.462	0
"2014-09-27	20:00:00"	5.9179	124.45	69.861	64.375	12.344	26.468	0
"2014-09-27	21:00:00"	5.6147	113.07	67.181	71.447	0.05978	26.485	0
"2014-09-27	22:00:00"	5.9105	116.11	66.021	74.727	0.06126	26.5	0
"2014-09-27	23:00:00"	5.514	107.63	64.277	79.354	0.07229	26.506	0
"2014-09-28	00:00:00"	5.0884	119.01	62.859	83.334	0.07928	26.509	0
"2014-09-28	01:00:00"	5.3736	130.11	62.16	83.609	0.06656	26.512	0
"2014-09-28	02:00:00"	4.6311	142.93	60.535	87.237	0.05469	26.509	0
"2014-09-28	03:00:00"	4.4782	132.42	60.045	89.662	0.07928	26.521	0
"2014-09-28	04:00:00"	2.716	127.66	59.45	91.31	0.06359	26.518	0
"2014-09-28	05:00:00"	3.2162	135.61	58.864	92.553	0.06487	26.509	0
"2014-09-28	06:00:00"	3.2268	98.433	58.121	92.823	0.07674	26.518	0
"2014-09-28	07:00:00"	4.5733	86.852	57.933	93.479	0.06465	26.518	0
"2014-09-28	08:00:00"	4.1508	103.67	58.771	93.661	1.6297	26.524	0
"2014-09-28	09:00:00"	5.2226	123.93	59.53	93.7	37.814	26.539	0
"2014-09-28	10:00:00"	5.8278	147.3	60.27	93.244	159.81	26.556	0
"2014-09-28	11:00:00"	6.0981	143.75	62.456	85.445	239.42	26.556	0
"2014-09-28	12:00:00"	6.8488	129.03	68.048	69.897	533.56	26.559	0
"2014-09-28	13:00:00"	7.8672	132.34	70.875	62.537	768.73	26.55	0
"2014-09-28	14:00:00"	7.49	124.06	72.58	59.075	770.72	26.539	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-28	15:00:00"	7.4931	142.07	74.446	53.441	798.95	26.521	0
"2014-09-28	16:00:00"	8.3164	115.59	75.747	51.012	737.97	26.506	0
"2014-09-28	17:00:00"	9.0018	110.19	75.935	49.743	518.1	26.494	0
"2014-09-28	18:00:00"	8.3059	114.6	75.46	50.595	258.3	26.497	0
"2014-09-28	19:00:00"	7.4956	111.59	74.631	51.594	175.97	26.5	0
"2014-09-28	20:00:00"	5.8838	97.395	71.116	60.173	31.485	26.503	0
"2014-09-28	21:00:00"	5.122	84.088	66.701	70.723	0.08055	26.509	0
"2014-09-28	22:00:00"	4.682	78.437	64.276	77.002	0.05215	26.521	0
"2014-09-28	23:00:00"	4.7522	75.922	63.077	79.526	0.05088	26.521	0
"2014-09-29	00:00:00"	5.4768	74.2	62.536	80.286	0.05363	26.518	0
"2014-09-29	01:00:00"	4.7342	102.49	61.781	82.528	0.07801	26.521	0
"2014-09-29	02:00:00"	4.0836	118.59	61.402	82.737	0.06699	26.515	0
"2014-09-29	03:00:00"	4.0259	116.39	61.758	83.012	0.07101	26.518	0
"2014-09-29	04:00:00"	3.8099	110.6	60.974	84.199	0.08458	26.509	0
"2014-09-29	05:00:00"	4.0781	106.54	60.11	85.446	0.07886	26.497	0
"2014-09-29	06:00:00"	4.5062	115.51	59.565	87.834	0.07017	26.491	0
"2014-09-29	07:00:00"	4.7516	112.98	59.494	88.444	0.07758	26.497	0
"2014-09-29	08:00:00"	5.0064	83.926	58.417	89.45	5.0025	26.503	0.01
"2014-09-29	09:00:00"	5.432	100.68	60.58	86.798	99.434	26.524	0
"2014-09-29	10:00:00"	7.5099	128.2	65.798	76.612	278.68	26.53	0
"2014-09-29	11:00:00"	11.435	149.95	70.251	63.689	503.08	26.527	0
"2014-09-29	12:00:00"	12.619	157.35	72.913	56.226	664.31	26.521	0
"2014-09-29	13:00:00"	13.519	155.89	74.65	52.123	768.58	26.506	0
"2014-09-29	14:00:00"	12.49	155.05	75.929	49.024	694.01	26.491	0
"2014-09-29	15:00:00"	11.927	146.9	76.843	47.691	720.44	26.462	0
"2014-09-29	16:00:00"	11.619	150.91	77.79	46.892	688.01	26.441	0
"2014-09-29	17:00:00"	12.068	146.47	78.478	45.212	561.5	26.418	0
"2014-09-29	18:00:00"	10.952	149.53	78.752	44.172	409.84	26.406	0
"2014-09-29	19:00:00"	11.562	146.29	77.771	45.192	197.23	26.4	0
"2014-09-29	20:00:00"	8.5494	143.1	74.362	49.599	27.735	26.394	0
"2014-09-29	21:00:00"	5.8353	132.39	70.384	57.851	0.05427	26.391	0
"2014-09-29	22:00:00"	5.8253	133.97	67.767	65.209	0.05554	26.394	0
"2014-09-29	23:00:00"	6.9214	145.5	66.807	66.675	0.06105	26.391	0
"2014-09-30	00:00:00"	8.0511	157.08	66.472	67.036	0.04791	26.391	0
"2014-09-30	01:00:00"	8.7358	163.3	66.937	67.212	0.06677	26.388	0
"2014-09-30	02:00:00"	5.716	171.67	64.419	74.062	0.06677	26.376	0
"2014-09-30	03:00:00"	4.851	173.56	63.683	74.147	0.07292	26.373	0
"2014-09-30	04:00:00"	6.8873	169.07	64.001	75.163	0.07674	26.364	0
"2014-09-30	05:00:00"	6.1752	177.17	64.337	77.871	0.07992	26.356	0
"2014-09-30	06:00:00"	5.3568	169.56	62.908	82.262	0.06529	26.35	0
"2014-09-30	07:00:00"	4.4186	189.97	61.566	85.365	0.05872	26.353	0
"2014-09-30	08:00:00"	4.8734	185.28	60.996	86.888	1.9759	26.353	0
"2014-09-30	09:00:00"	3.7835	211.96	61.633	85.608	98.376	26.367	0
"2014-09-30	10:00:00"	8.9241	199.25	66.711	75.099	291.39	26.37	0
"2014-09-30	11:00:00"	9.3268	204.89	70.747	66.27	497.8	0	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-09-30	12:00:00"	8.6781	229.58	74.618	59.431	664.1	26.364	0
"2014-09-30	13:00:00"	8.2431	239.3	79.145	50.049	777.47	0.02628	0
"2014-09-30	14:00:00"	9.9562	255.89	83.108	36.643	824.35	26.326	0
"2014-09-30	15:00:00"	11.016	259.94	84.17	33.263	807.1	26.299	0
"2014-09-30	16:00:00"	11.134	237.66	84.827	33.435	722.31	0	0
"2014-09-30	17:00:00"	11.015	233.83	85.072	32.588	555.37	26.267	0
"2014-09-30	18:00:00"	14.52	228.22	84.79	31.038	403.08	26.255	0
"2014-09-30	19:00:00"	10.995	243.62	83.666	33.334	191.36	26.258	0
"2014-09-30	20:00:00"	3.7245	248.47	79.26	41.105	30.361	26.267	0
"2014-09-30	21:00:00"	1.7119	248.79	74.274	49.078	0.06232	26.276	0
"2014-09-30	22:00:00"	2.1071	270.62	73.065	48.698	0.06656	26.288	0
"2014-09-30	23:00:00"	2.0443	164.85	68.461	57.632	0.07631	26.299	0
"2014-10-01	00:00:00"	1.8051	166.03	69.322	52.5	0.06169	26.296	0
"2014-10-01	01:00:00"	4.4173	151.61	66.168	62.781	0.07568	26.294	0
"2014-10-01	02:00:00"	5.4134	152.92	64.662	75.822	0.06041	26.291	0
"2014-10-01	03:00:00"	3.1926	185.82	64.002	81.796	0.07419	26.291	0
"2014-10-01	04:00:00"	1.9517	256.07	63.392	85.232	0.0566	26.288	0
"2014-10-01	05:00:00"	1.7082	232.56	63.244	87.589	0.07165	26.282	0
"2014-10-01	06:00:00"	1.9505	205.43	62.221	90.648	0.05617	26.282	0
"2014-10-01	07:00:00"	2.9292	208.64	61.222	92.227	0.06063	26.288	0
"2014-10-01	08:00:00"	2.8123	219.38	60.405	92.547	2.8543	26.305	0
"2014-10-01	09:00:00"	3.553	209.35	61.296	93.171	109.05	26.323	0
"2014-10-01	10:00:00"	6.031	236.62	65.982	88.115	291.5	26.338	0
"2014-10-01	11:00:00"	7.3129	244.2	69.972	77.338	499.96	26.347	0
"2014-10-01	12:00:00"	8.4003	233.31	75.759	51.371	677.86	26.341	0
"2014-10-01	13:00:00"	10.077	248.42	80.422	30.791	791.56	26.329	0
"2014-10-01	14:00:00"	10.585	249.28	82.006	26.646	841.1	26.311	0
"2014-10-01	15:00:00"	11.535	244.06	83.537	23.066	823.09	26.285	0
"2014-10-01	16:00:00"	10.489	233.21	84.209	22.718	735.53	26.273	0
"2014-10-01	17:00:00"	11.802	227.79	84.554	22.543	591.38	26.267	0
"2014-10-01	18:00:00"	11.332	228.35	84.46	22.128	402.78	26.273	0
"2014-10-01	19:00:00"	9.5697	231.77	82.903	22.693	195.79	26.279	0
"2014-10-01	20:00:00"	4.5546	222.43	76.467	32.538	30.09	26.279	0
"2014-10-01	21:00:00"	2.0847	220.75	70.362	42.054	0.06635	26.291	0
"2014-10-01	22:00:00"	2.6477	238.79	67.891	47.891	0.05363	26.302	0
"2014-10-01	23:00:00"	2.6178	228.65	66.535	48.281	0.06296	26.308	0
"2014-10-02	00:00:00"	3.4617	247.44	66.521	44.961	0.05829	26.305	0
"2014-10-02	01:00:00"	1.6417	210.87	64.725	44.329	0.03434	26.302	0
"2014-10-02	02:00:00"	3.0975	181.21	62.176	48.078	0.06635	26.308	0
"2014-10-02	03:00:00"	2.1605	125.82	61.948	49.233	0.04982	26.311	0
"2014-10-02	04:00:00"	2.5656	139.47	61.371	65.736	0.04621	26.308	0
"2014-10-02	05:00:00"	2.7918	217.3	59.201	65	0.06423	26.32	0
"2014-10-02	06:00:00"	2.3339	221.91	57.652	70.283	0.0708	26.338	0
"2014-10-02	07:00:00"	3.6953	276.04	58.341	60.924	0.06783	26.358	0
"2014-10-02	08:00:00"	6.9649	298.87	59.202	52.878	4.133	26.373	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-02	09:00:00"	9.914	322.07	60.028	50.482	117.06	26.423	0
"2014-10-02	10:00:00"	13.145	354.67	65.458	43.521	315.04	26.453	0
"2014-10-02	11:00:00"	13.556	2.4115	66.939	45.172	514.02	26.471	0
"2014-10-02	12:00:00"	12.175	1.4425	68.776	46.379	676.85	26.488	0
"2014-10-02	13:00:00"	9.8723	359.32	71.647	43.499	788	26.488	0
"2014-10-02	14:00:00"	8.5575	353.34	74.058	38.011	834.67	26.483	0
"2014-10-02	15:00:00"	11.459	336.11	75.432	34.448	812.41	26.48	0
"2014-10-02	16:00:00"	11.694	336.44	75.802	33.762	724.35	26.474	0
"2014-10-02	17:00:00"	10.824	346.75	76.425	30.998	583.08	26.468	0
"2014-10-02	18:00:00"	9.6027	345.94	76.015	29.463	395.06	26.471	0
"2014-10-02	19:00:00"	6.9581	341.28	74.768	29.33	189.02	26.488	0
"2014-10-02	20:00:00"	5.2897	21.446	68.481	41.496	27.5	26.503	0
"2014-10-02	21:00:00"	6.0211	34.988	61.533	53.573	0.09454	26.521	0
"2014-10-02	22:00:00"	5.9043	34.704	60.02	54.454	0.06593	26.53	0
"2014-10-02	23:00:00"	5.9111	36.678	56.767	61.31	0.07695	26.545	0
"2014-10-03	00:00:00"	5.9807	35.502	54.674	66.002	0.05829	26.542	0
"2014-10-03	01:00:00"	5.7651	49.052	54.106	66.524	0.07568	26.55	0
"2014-10-03	02:00:00"	5.0822	71.201	53.694	65.939	0.05617	26.545	0
"2014-10-03	03:00:00"	3.6512	76.394	54.013	65.562	0.05745	26.556	0
"2014-10-03	04:00:00"	1.454	337.29	54.365	64.179	0.07546	26.553	0
"2014-10-03	05:00:00"	3.1516	349.14	53.105	66.17	0.0672	26.565	0
"2014-10-03	06:00:00"	1.6125	225.96	49.573	76.004	0.09963	26.592	0
"2014-10-03	07:00:00"	2.0543	303.77	49.655	76.442	0.06487	26.607	0
"2014-10-03	08:00:00"	2.0014	286.47	51.973	69.495	4.1718	26.621	0
"2014-10-03	09:00:00"	2.0257	15.964	52.892	72.556	116.44	26.648	0
"2014-10-03	10:00:00"	1.5553	234.76	61.446	56.956	316.73	26.672	0
"2014-10-03	11:00:00"	5.514	197.93	67.12	44.149	519.26	26.686	0
"2014-10-03	12:00:00"	8.9266	200.29	69.771	38.618	684.15	26.683	0
"2014-10-03	13:00:00"	6.1628	196.79	72.213	34.845	789.19	26.68	0
"2014-10-03	14:00:00"	4.7765	195.39	74.471	32.616	832.96	26.663	0
"2014-10-03	15:00:00"	3.5841	83.659	76.158	29.96	807.83	26.642	0
"2014-10-03	16:00:00"	4.0215	236.11	78.165	26.908	718.36	26.63	0
"2014-10-03	17:00:00"	4.2036	271.22	78.753	24.141	577.53	26.627	0
"2014-10-03	18:00:00"	2.7129	309.63	79.037	22.877	385.46	26.624	0
"2014-10-03	19:00:00"	2.7067	100.59	78.336	24.903	180.9	26.621	0
"2014-10-03	20:00:00"	4.1141	94.283	72.583	34.726	24.069	26.627	0
"2014-10-03	21:00:00"	10.752	67.836	64.156	49.785	0.05215	26.657	0
"2014-10-03	22:00:00"	11.262	63.906	60.44	55.099	0.06508	26.672	0
"2014-10-03	23:00:00"	10.003	67	57.802	58.708	0.07419	26.674	0
"2014-10-04	00:00:00"	9.3137	71.267	55.634	62.561	0.07992	26.669	0
"2014-10-04	01:00:00"	7.9057	66.495	53.543	67.352	0.05257	26.672	0
"2014-10-04	02:00:00"	6.4778	68.778	51.496	72.011	0.08225	26.674	0
"2014-10-04	03:00:00"	6.1864	64.366	49.941	74.411	0.06868	26.669	0
"2014-10-04	04:00:00"	6.1659	51.605	48.22	77.461	0.06444	26.666	0
"2014-10-04	05:00:00"	6.2541	45.413	46.799	80.172	0.05957	26.651	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-04	06:00:00"	6.9867	42.45	46.238	80.59	0.06253	26.639	0
"2014-10-04	07:00:00"	6.9475	55.93	45.517	80.667	0.08098	26.63	0
"2014-10-04	08:00:00"	6.2044	67.773	45.482	79.574	3.6558	26.621	0
"2014-10-04	09:00:00"	5.2667	97.013	49.448	71.663	113.65	26.624	0
"2014-10-04	10:00:00"	9.2466	179.14	56.89	57.861	315.2	26.621	0
"2014-10-04	11:00:00"	12.33	193.52	62.404	51.007	516.16	26.612	0
"2014-10-04	12:00:00"	11.912	196.3	65.862	47.249	680.05	26.595	0
"2014-10-04	13:00:00"	12.052	200.31	69.817	42.683	789.55	26.565	0
"2014-10-04	14:00:00"	11.689	209.23	73.219	37.797	833.62	26.536	0
"2014-10-04	15:00:00"	10.89	220.89	76.344	34.275	810.98	26.497	0
"2014-10-04	16:00:00"	8.9067	222.35	78.705	31.533	722.5	26.471	0
"2014-10-04	17:00:00"	8.1313	224.58	80.917	28.32	574.49	26.447	0
"2014-10-04	18:00:00"	6.9183	230.09	81.328	26.58	385.15	26.435	0
"2014-10-04	19:00:00"	4.2632	211.9	80.098	29.776	178.6	26.423	0
"2014-10-04	20:00:00"	1.9704	143.14	74.955	39.773	22.268	26.42	0
"2014-10-04	21:00:00"	3.5915	135.37	69.435	46.153	0.06359	26.426	0
"2014-10-04	22:00:00"	3.005	126.96	66.567	50.123	0.06275	26.426	0
"2014-10-04	23:00:00"	5.0959	143.25	64.845	52.81	0.05914	26.42	0
"2014-10-05	00:00:00"	6.676	170.61	62.241	59.574	0.06275	26.409	0
"2014-10-05	00:00:00"	6.7108	179	61.16	62.3	0.6105	26.409	0
"2014-10-05	01:00:00"	5.4302	186.22	60.45	63.856	0.0513	26.4	0
"2014-10-05	02:00:00"	3.3169	233.2	58.035	68.74	0.05575	26.391	0
"2014-10-05	03:00:00"	4.1675	227.79	56.39	72.236	0.07038	26.382	0
"2014-10-05	04:00:00"	3.4965	235.85	55.692	73.712	0.06783	0.26282	0
"2014-10-05	05:00:00"	1.2521	254.43	55.466	74.959	0.0761	26.364	0
"2014-10-05	06:00:00"	1.5652	251.77	54.881	76.332	0.09539	26.358	0
"2014-10-05	07:00:00"	4.0035	318.32	53.252	79.591	0.08076	26.37	0
"2014-10-05	08:00:00"	3.105	260.48	52.74	80.715	3.6821	26.361	0
"2014-10-05	09:00:00"	2.3395	275.02	54.791	77.598	113.23	26.373	0
"2014-10-05	10:00:00"	4.2875	247.93	61.523	66.192	316.19	26.391	0
"2014-10-05	11:00:00"	5.8247	272.84	69.975	45.423	520.32	26.397	0
"2014-10-05	12:00:00"	10.68	293.81	76.677	27.39	685.43	26.391	0
"2014-10-05	13:00:00"	14.095	307.71	78.983	20.861	795.73	26.376	0
"2014-10-05	14:00:00"	12.507	307.11	80.054	20.584	840.42	26.358	0
"2014-10-05	15:00:00"	10.826	292.32	81.264	20.652	816.15	26.332	0
"2014-10-05	16:00:00"	11.526	293.15	82.631	20.092	720.83	26.317	0
"2014-10-05	17:00:00"	11.644	303.42	83.237	19.761	572.83	26.317	0
"2014-10-05	18:00:00"	10.727	307.31	82.971	20.425	382.62	26.314	0
"2014-10-05	19:00:00"	9.369	309.92	81.718	22.702	175.19	26.314	0
"2014-10-05	20:00:00"	5.5047	301.83	77.222	27.972	22.268	26.323	0
"2014-10-05	21:00:00"	5.862	319.67	72.423	34.3	0.07525	26.338	0
"2014-10-05	22:00:00"	4.8647	345.35	65.784	45.144	0.07992	26.358	0
"2014-10-05	23:00:00"	3.4523	344.31	62.808	51.913	0.06974	26.37	0
"2014-10-06	00:00:00"	6.0012	7.1371	63.879	51.256	0.06699	26.376	0
"2014-10-06	01:00:00"	6.8096	16.248	61.961	55.461	0.07737	26.385	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-06	02:00:00"	5.6364	345.36	60.969	58.13	0.0708	26.391	0
"2014-10-06	03:00:00"	5.8738	357.11	58.233	64.521	0.06317	26.391	0
"2014-10-06	04:00:00"	5.9043	6.5962	58.296	63.912	0.06338	26.382	0
"2014-10-06	05:00:00"	4.2738	0.85019	56.855	66.062	0.04833	26.367	0
"2014-10-06	06:00:00"	3.4405	338.77	55.194	68.718	0.06953	26.379	0
"2014-10-06	07:00:00"	3.3604	10.911	54.367	70.205	0.06381	26.388	0
"2014-10-06	08:00:00"	2.7471	348.27	53.388	72.309	3.016	26.409	0
"2014-10-06	09:00:00"	3.1951	27.169	55.86	69.874	108.09	26.435	0
"2014-10-06	10:00:00"	3.4461	51.077	66.971	53.191	306.43	26.462	0
"2014-10-06	11:00:00"	3.3455	135.91	74.637	40.453	507.16	26.459	0
"2014-10-06	12:00:00"	5.7558	188.03	77.785	34.489	671.58	26.453	0
"2014-10-06	13:00:00"	5.4358	217.55	80.272	30.208	779.02	26.45	0
"2014-10-06	14:00:00"	6.0354	236.81	82.735	26.413	822.18	26.42	0
"2014-10-06	15:00:00"	7.0165	231.43	84.726	23.148	798.24	26.403	0
"2014-10-06	16:00:00"	7.7628	230.77	86.139	19.625	710.64	26.385	0
"2014-10-06	17:00:00"	8.5426	233.69	86.579	16.827	569.35	26.382	0
"2014-10-06	18:00:00"	8.1679	232.2	86.299	14.814	382.06	26.379	0
"2014-10-06	19:00:00"	7.2806	222.47	83.746	16.219	175.92	26.373	0
"2014-10-06	20:00:00"	4.2794	190.51	74.738	25.557	17.636	26.37	0
"2014-10-06	21:00:00"	4.4179	182.1	69.185	29.469	0.07229	26.382	0
"2014-10-06	22:00:00"	1.6087	228.69	68.762	28.137	0.06105	26.397	0
"2014-10-06	23:00:00"	1.7983	161.12	65.888	32.764	0.05215	26.403	0
"2014-10-07	00:00:00"	2.9726	223.87	63.034	38.829	0.07398	26.409	0
"2014-10-07	01:00:00"	2.7893	234.04	61.953	41.169	0.07652	26.403	0
"2014-10-07	02:00:00"	2.5601	211.52	61.724	40.869	0.07801	26.397	0
"2014-10-07	03:00:00"	2.6986	231.26	60.686	42.165	0.06953	26.394	0
"2014-10-07	04:00:00"	2.5016	232.32	59.086	46.041	0.06317	26.388	0
"2014-10-07	05:00:00"	2.7378	241.26	56.61	51.07	0.05427	26.388	0
"2014-10-07	06:00:00"	2.9006	266.95	56.571	52.226	0.07652	26.391	0
"2014-10-07	07:00:00"	3.6717	289.71	60.514	42.752	0.06275	26.394	0
"2014-10-07	08:00:00"	3.0304	227.57	56.489	50.549	4.1434	26.412	0
"2014-10-07	09:00:00"	2.1779	243.58	56.547	53.755	108.55	26.429	0
"2014-10-07	10:00:00"	3.0758	252.06	64.235	45.574	299.22	26.45	0
"2014-10-07	11:00:00"	5.0977	254.11	71.829	32.85	506.47	26.465	0
"2014-10-07	12:00:00"	6.0857	225.86	78.313	27.706	681.01	26.462	0
"2014-10-07	13:00:00"	5.1325	233.2	82.907	22.191	781.44	26.447	0
"2014-10-07	14:00:00"	6.1037	231.85	85.65	19.644	834.5	26.429	0
"2014-10-07	15:00:00"	6.9886	244.53	87.703	16.927	804	26.412	0
"2014-10-07	16:00:00"	6.8456	246.09	88.525	16.111	690.96	26.4	0
"2014-10-07	17:00:00"	6.5884	250.51	88.073	16.358	468.62	26.391	0
"2014-10-07	18:00:00"	4.7025	207.29	88.001	17.657	356.25	26.388	0
"2014-10-07	19:00:00"	4.4099	185.95	84.47	23.606	160.52	26.385	0
"2014-10-07	20:00:00"	4.4105	159.69	75.968	33.14	15.422	26.394	0
"2014-10-07	21:00:00"	5.0803	150.1	72.128	32.502	0.06805	26.403	0
"2014-10-07	22:00:00"	5.7036	148.44	70.776	30.456	0.08818	26.418	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-07	23:00:00"	4.4403	134.65	69.214	29.141	0.04028	26.423	0
"2014-10-08	00:00:00"	5.4457	137.87	69	31.255	0.05808	26.426	0
"2014-10-08	01:00:00"	7.5043	157.64	67.402	40.311	0.05978	26.432	0
"2014-10-08	02:00:00"	6.4809	157.86	64.965	60.897	0.05596	26.42	0
"2014-10-08	03:00:00"	5.4295	166.32	63.133	72.841	0.07017	26.429	0
"2014-10-08	04:00:00"	2.813	182.01	60.951	79.673	0.085	26.418	0
"2014-10-08	05:00:00"	2.7465	205.91	60.396	83.389	0.07186	26.415	0
"2014-10-08	06:00:00"	2.5824	229.98	59.348	86.656	0.06402	26.42	0
"2014-10-08	07:00:00"	2.222	207.53	58.728	88.318	0.08691	26.426	0
"2014-10-08	08:00:00"	2.8192	264.45	59.024	87.833	1.2498	26.438	0
"2014-10-08	09:00:00"	2.1071	249.15	58.538	88.469	103.46	26.453	0
"2014-10-08	10:00:00"	6.1168	205.86	64.849	78.825	282.67	26.471	0
"2014-10-08	11:00:00"	8.4072	193.55	71.466	62.105	469.27	26.471	0
"2014-10-08	12:00:00"	8.3239	196.05	76.693	49.607	640.11	26.477	0
"2014-10-08	13:00:00"	8.4631	194.64	80.955	40.095	776.37	26.459	0
"2014-10-08	14:00:00"	9.7201	187.8	84.197	31.301	795.17	26.435	0
"2014-10-08	15:00:00"	9.7499	196.51	87.061	26.088	768.24	26.409	0
"2014-10-08	16:00:00"	10.126	193.09	87.764	24.09	685.51	26.397	0
"2014-10-08	17:00:00"	10.223	192.26	88.089	22.909	542.2	26.379	0
"2014-10-08	18:00:00"	9.6194	180.86	87.272	24.722	346.09	26.373	0
"2014-10-08	19:00:00"	6.3448	177.97	84.947	27.431	126.2	26.373	0
"2014-10-08	20:00:00"	5.3699	139.18	78.435	36.448	13.793	26.379	0
"2014-10-08	21:00:00"	7.3943	138.64	75.908	38.727	0.06656	26.394	0
"2014-10-08	22:00:00"	7.0507	132.71	73.207	46.227	0.07038	26.403	0
"2014-10-08	23:00:00"	9.7263	143.51	72.377	56.682	0.07292	26.406	0
"2014-10-09	00:00:00"	9.1006	149.41	70.571	61.822	0.06317	26.4	0
"2014-10-09	01:00:00"	7.5378	156.8	68.717	62.195	0.08967	26.394	0
"2014-10-09	02:00:00"	9.617	162.79	68.418	58.526	0.04918	26.382	0
"2014-10-09	03:00:00"	9.932	164.77	67.61	57.661	0.07907	26.379	0
"2014-10-09	04:00:00"	8.2947	172	65.93	60.489	0.06275	26.373	0
"2014-10-09	05:00:00"	8.4158	169.22	64.982	62.999	0.06826	26.367	0
"2014-10-09	06:00:00"	9.1596	169.33	66.245	64.589	0.07504	26.376	0
"2014-10-09	07:00:00"	10.467	159.81	65.82	68.754	0.08479	26.37	0
"2014-10-09	08:00:00"	8.6035	164.55	65.19	72.408	1.4362	26.373	0
"2014-10-09	09:00:00"	5.2817	194.68	64.239	76.288	85.941	26.388	0
"2014-10-09	10:00:00"	10.791	188.03	68.3	69.102	214.39	26.397	0
"2014-10-09	11:00:00"	13.423	188.16	71.911	61.254	478.24	26.406	0
"2014-10-09	12:00:00"	12.805	192.1	75.684	53.809	637.24	26.406	0
"2014-10-09	13:00:00"	9.7133	207.55	78.979	46.768	738.11	26.4	0
"2014-10-09	14:00:00"	8.1511	206.07	81.665	41.129	782.59	26.376	0
"2014-10-09	15:00:00"	8.5202	210.28	84.159	35.084	758.86	26.341	0
"2014-10-09	16:00:00"	10.952	216.02	86.447	29.031	671.25	26.332	0
"2014-10-09	17:00:00"	10.475	210.86	86.473	29.484	516.55	26.32	0
"2014-10-09	18:00:00"	9.0099	212.81	86.111	30.242	332.03	26.317	0
"2014-10-09	19:00:00"	7.2843	228.52	84.828	30.753	152.44	26.32	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-09	20:00:00"	1.3254	159.91	78.913	39.336	14.523	26.329	0
"2014-10-09	21:00:00"	2.1108	111.22	74.63	44.371	0.04706	26.344	0
"2014-10-09	22:00:00"	2.9981	176.8	73.357	46.273	0.07462	26.367	0
"2014-10-09	23:00:00"	6.2995	191.83	72.314	56.801	0.0619	26.367	0
"2014-10-10	00:00:00"	8.1592	168.82	70.545	65.461	0.05045	26.361	0
"2014-10-10	01:00:00"	7.0793	156.49	68.378	72.188	0.05533	26.356	0
"2014-10-10	02:00:00"	4.1725	156.21	66.485	77.778	0.08543	26.358	0
"2014-10-10	03:00:00"	2.5532	178.39	64.924	82.097	0.07992	26.37	0
"2014-10-10	04:00:00"	2.877	194.1	64.082	84.409	0.06783	26.361	0
"2014-10-10	05:00:00"	1.9579	237.22	63.707	86.249	0.06465	26.364	0
"2014-10-10	06:00:00"	0.87365	281.06	62.927	89.374	0.08564	26.37	0
"2014-10-10	07:00:00"	1.8206	265.97	62.289	90.657	0.06317	26.379	0
"2014-10-10	08:00:00"	3.156	321.88	60.939	89.359	1.4847	26.397	0
"2014-10-10	09:00:00"	7.4596	2.1619	60.363	88.523	90.624	26.415	0
"2014-10-10	10:00:00"	11.517	8.2872	62.57	79.774	277.06	26.429	0
"2014-10-10	11:00:00"	11.171	10.138	66.323	68.829	478.24	26.444	0
"2014-10-10	12:00:00"	10.723	12.762	69.811	61.444	617.33	26.444	0
"2014-10-10	13:00:00"	10.18	8.4045	72.902	54.842	741.14	26.444	0
"2014-10-10	14:00:00"	8.3357	17.451	75.1	50.141	785.48	26.441	0
"2014-10-10	15:00:00"	8.8539	16.044	76.37	47.348	767.79	26.432	0
"2014-10-10	16:00:00"	11.58	22.791	75.299	49.992	490.73	26.438	0
"2014-10-10	17:00:00"	15.111	31.131	72.955	53.986	478.9	26.444	0
"2014-10-10	18:00:00"	16.743	36.541	69.773	56.821	336.93	26.453	0
"2014-10-10	19:00:00"	16.551	31.834	66.52	60.19	138.15	26.468	0
"2014-10-10	20:00:00"	14.586	29.42	62.664	65.588	9.8848	26.488	0
"2014-10-10	21:00:00"	14.546	28.966	60.023	69.126	0.06805	26.515	0
"2014-10-10	22:00:00"	13.535	29.454	57.465	72.754	0.0797	26.539	0
"2014-10-10	23:00:00"	12.557	27.757	55.579	74.221	0.06423	26.556	0
"2014-10-11	00:00:00"	12.262	29.437	53.766	74.124	0.08352	26.571	0
"2014-10-11	01:00:00"	9.6244	23.691	53.169	74.375	0.07589	26.577	0
"2014-10-11	02:00:00"	9.9904	18.574	52.857	73.069	0.04918	26.571	0
"2014-10-11	03:00:00"	8.6321	18.567	51.407	73.32	0.05511	26.589	0
"2014-10-11	04:00:00"	10.105	5.8952	50.713	72.878	0.06147	26.586	0
"2014-10-11	05:00:00"	9.8388	9.6773	49.297	73.859	0.0797	26.586	0
"2014-10-11	06:00:00"	9.2224	13.316	49.105	74.742	0.07419	26.598	0
"2014-10-11	07:00:00"	8.4848	16.607	49.322	74.954	0.09603	26.601	0
"2014-10-11	08:00:00"	8.0878	14.729	49.721	74.734	0.46084	26.609	0
"2014-10-11	09:00:00"	8.0753	14.553	49.754	74.469	24.636	26.633	0
"2014-10-11	10:00:00"	8.8769	13.957	50.649	72.771	94.633	26.639	0
"2014-10-11	11:00:00"	8.7477	13.917	52.458	68.616	280.44	26.642	0
"2014-10-11	12:00:00"	8.4525	21.238	55.168	63.344	490.28	26.633	0
"2014-10-11	13:00:00"	6.6375	26.98	57.628	58.248	669.65	26.618	0
"2014-10-11	14:00:00"	5.5476	6.3039	60.162	53.092	790.84	26.592	0
"2014-10-11	15:00:00"	4.828	12.364	62.051	49.365	774.25	26.562	0
"2014-10-11	16:00:00"	3.7288	24.107	64.54	45.472	657.36	26.542	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-11	17:00:00"	6.6164	70.425	65.59	44.163	502.04	26.521	0
"2014-10-11	18:00:00"	3.041	71.569	66.545	42.947	350.51	26.509	0
"2014-10-11	19:00:00"	3.3206	137.44	66.11	44.777	144.79	26.503	0
"2014-10-11	20:00:00"	3.3486	114.89	61.072	55.519	10.588	26.5	0
"2014-10-11	21:00:00"	4.2781	109.14	57.997	60.052	0.06338	26.506	0
"2014-10-11	22:00:00"	4.6783	106.88	55.69	64.314	0.06444	26.503	0
"2014-10-11	23:00:00"	4.692	120.07	54.296	66.954	0.08034	26.506	0
"2014-10-12	00:00:00"	4.3552	132.36	52.795	71.004	0.07949	26.491	0
"2014-10-12	01:00:00"	5.1008	138.79	51.881	73.59	0.06805	26.471	0
"2014-10-12	02:00:00"	5.4432	154.7	50.796	75.6	0.08522	26.45	0
"2014-10-12	03:00:00"	4.4229	167.91	48.681	80.002	0.09327	26.435	0
"2014-10-12	04:00:00"	2.4078	224.86	47.294	82.183	0.07737	26.423	0
"2014-10-12	05:00:00"	3.6145	220.39	46.486	83.343	0.0778	26.4	0
"2014-10-12	06:00:00"	3.7506	224.62	46.563	83.805	0.07631	26.385	0
"2014-10-12	07:00:00"	2.9695	221.74	46.996	82.558	0.08585	26.373	0
"2014-10-12	08:00:00"	3.6002	250.35	46.96	83.325	1.6681	26.37	0
"2014-10-12	09:00:00"	4.175	232.82	48.682	81.807	96.545	26.364	0
"2014-10-12	10:00:00"	7.5354	212.84	56.092	71.256	290.67	26.376	0
"2014-10-12	11:00:00"	8.2313	229.47	62.087	58.92	488.19	26.37	0
"2014-10-12	12:00:00"	10.236	228.45	69.019	47.645	649.74	26.344	0
"2014-10-12	13:00:00"	11.938	212.06	74.967	39.864	751.41	26.308	0
"2014-10-12	14:00:00"	15.333	225.34	79.446	32.196	782.53	26.261	0
"2014-10-12	15:00:00"	18.997	244.89	81.926	25.603	779.98	26.202	0
"2014-10-12	16:00:00"	22.528	237.28	82.363	23.044	661.9	26.175	0
"2014-10-12	17:00:00"	21.091	238.87	82.175	23.465	514.85	26.158	0
"2014-10-12	18:00:00"	20.162	239.93	81.558	24.775	319.17	26.149	0
"2014-10-12	19:00:00"	17.436	243.89	80.379	24.23	134.05	26.155	0
"2014-10-12	20:00:00"	14.528	234.24	76.942	26.055	7.6319	26.155	0
"2014-10-12	21:00:00"	6.5381	223.13	71.433	31.907	0.07123	26.167	0
"2014-10-12	22:00:00"	9.3454	252.16	71.118	31.025	0.07356	26.226	0
"2014-10-12	23:00:00"	15.966	339.13	70.272	33.802	0.06889	26.246	0
"2014-10-13	00:00:00"	11.897	10.576	58.353	69.701	0.08267	26.246	0.02
"2014-10-13	01:00:00"	9.7102	353.76	56.391	78.52	0.08564	26.294	0
"2014-10-13	02:00:00"	16.401	355.91	55.659	73.014	0.08988	26.341	0
"2014-10-13	03:00:00"	16.903	355.07	52.214	68.152	0.0744	26.385	0
"2014-10-13	04:00:00"	19.116	351.57	50.893	66.083	0.07568	26.394	0
"2014-10-13	05:00:00"	16.853	350.24	50.965	64.621	0.05723	26.42	0
"2014-10-13	06:00:00"	10.589	333.07	49.819	67	0.0725	26.45	0
"2014-10-13	07:00:00"	9.2081	321.35	47.878	71.775	0.06847	26.483	0
"2014-10-13	08:00:00"	11.205	339.03	48.93	65.866	1.5233	26.512	0
"2014-10-13	09:00:00"	10.604	334.21	49.685	62.577	101.25	26.547	0
"2014-10-13	10:00:00"	13.577	333.04	52.579	54.546	298.11	26.568	0
"2014-10-13	11:00:00"	20.9	358.58	56.405	41.263	499.64	26.577	0
"2014-10-13	12:00:00"	21.002	0.67708	59.713	33.656	658.33	26.589	0
"2014-10-13	13:00:00"	18.252	354.82	62.319	30.563	761.9	26.592	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-13	14:00:00"	18.938	354.95	64.046	27.072	806.66	26.565	0
"2014-10-13	15:00:00"	18.183	0.44719	65.653	24.76	779.93	26.542	0
"2014-10-13	16:00:00"	17.063	349.17	66.865	22.71	687.4	26.539	0
"2014-10-13	17:00:00"	14.125	353.98	67.345	22.148	535.61	26.539	0
"2014-10-13	18:00:00"	11.996	0.47541	67.227	22.531	345.27	26.536	0
"2014-10-13	19:00:00"	8.9303	8.2632	65.785	24.67	146.45	26.545	0
"2014-10-13	20:00:00"	4.7181	23.645	59.409	33.459	11.971	26.556	0
"2014-10-13	21:00:00"	4.9486	43.406	56.676	35.552	0.06974	26.577	0
"2014-10-13	22:00:00"	5.2605	55.204	53.845	39.262	0.07907	26.592	0
"2014-10-13	23:00:00"	5.4221	60.765	52.319	42.173	0.06317	26.601	0
"2014-10-14	00:00:00"	4.9766	60.739	50.168	46.509	0.08119	26.615	0
"2014-10-14	01:00:00"	5.3742	51.258	49.34	47.719	0.0655	26.615	0
"2014-10-14	02:00:00"	5.4401	34.008	47.3	51.804	0.07737	26.615	0
"2014-10-14	03:00:00"	3.6711	354.85	45.234	57.083	0.07822	26.624	0
"2014-10-14	04:00:00"	3.7288	357.39	42.936	63.289	0.05893	26.621	0
"2014-10-14	05:00:00"	3.3237	347.38	43.291	62.082	0.08797	26.615	0
"2014-10-14	06:00:00"	4.1054	8.9618	41.846	64.842	0.08161	26.63	0
"2014-10-14	07:00:00"	3.3622	6.2181	41.268	65.677	0.08776	26.645	0
"2014-10-14	08:00:00"	2.8937	13.063	43.183	60.183	1.4425	26.657	0
"2014-10-14	09:00:00"	1.3248	325.54	45.862	58.534	99.44	26.674	0
"2014-10-14	10:00:00"	3.3535	229.27	54.359	43.71	298.98	26.686	0
"2014-10-14	11:00:00"	5.4842	199.39	60.18	33.277	497.75	26.698	0
"2014-10-14	12:00:00"	6.1944	187.22	63.955	27.098	658.89	26.692	0
"2014-10-14	13:00:00"	7.1625	199.49	66.355	25.217	763.97	26.674	0
"2014-10-14	14:00:00"	7.7702	207.96	68.07	24.453	804.8	26.645	0
"2014-10-14	15:00:00"	7.2849	220.36	69.876	23.269	778.28	26.609	0
"2014-10-14	16:00:00"	7.8349	211.98	71.032	22.033	687.13	26.592	0
"2014-10-14	17:00:00"	6.9196	231.29	71.819	21.034	537.35	26.58	0
"2014-10-14	18:00:00"	5.6066	224.92	72.215	20.78	344.72	26.58	0
"2014-10-14	19:00:00"	4.5317	195.32	70.73	23.521	142.18	26.574	0
"2014-10-14	20:00:00"	3.7369	147.22	64.348	31.443	9.878	26.571	0
"2014-10-14	21:00:00"	4.3378	136.82	60.256	33.383	0.06084	26.574	0
"2014-10-14	22:00:00"	4.1806	139.03	58.919	33.447	0.06783	26.586	0
"2014-10-14	23:00:00"	4.5677	128.78	57.551	34.86	0.06911	26.589	0
"2014-10-15	00:00:00"	4.0644	118.54	56.939	35.608	0.06868	26.586	0
"2014-10-15	01:00:00"	1.6181	106.8	55.46	36.839	0.07864	26.58	0
"2014-10-15	02:00:00"	0.73695	46.329	53.468	38.118	0.06169	26.58	0
"2014-10-15	03:00:00"	1.1881	91.787	52.816	39.259	0.0831	26.586	0
"2014-10-15	04:00:00"	1.6255	148.15	52.306	40.019	0.05639	26.571	0
"2014-10-15	05:00:00"	1.088	211.91	52.797	38.558	0.05554	26.556	0
"2014-10-15	06:00:00"	1.0104	194.69	51.834	40.103	0.0831	26.568	0
"2014-10-15	07:00:00"	1.9729	270.65	51.378	42.171	0.06105	26.583	0
"2014-10-15	08:00:00"	2.3997	291.15	51.677	43.334	1.239	26.589	0
"2014-10-15	09:00:00"	2.867	345.57	49.666	51.091	97.985	26.592	0
"2014-10-15	10:00:00"	2.4352	186.41	58.475	40.34	294.19	26.609	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-15	11:00:00"	3.2982	177.42	65.479	31.104	495.49	26.607	0
"2014-10-15	12:00:00"	5.4929	190.04	70.958	26.043	656.6	26.601	0
"2014-10-15	13:00:00"	6.1255	202.48	74.736	21.921	762.09	26.586	0
"2014-10-15	14:00:00"	6.2317	207.85	77.09	19.304	803.11	26.559	0
"2014-10-15	15:00:00"	7.0954	217.01	78.372	18.165	776.38	26.53	0
"2014-10-15	16:00:00"	7.3955	202.66	79.249	17.812	684.82	26.512	0
"2014-10-15	17:00:00"	7.0376	208.25	79.756	17.434	535.06	26.491	0
"2014-10-15	18:00:00"	7.3844	194.6	79.152	17.778	342.43	26.488	0
"2014-10-15	19:00:00"	5.5358	189.04	76.566	20.796	140.68	26.488	0
"2014-10-15	20:00:00"	4.4571	146.5	68.212	28.57	9.2688	26.488	0
"2014-10-15	21:00:00"	4.9113	143.27	64.141	29.526	0.0513	26.488	0
"2014-10-15	22:00:00"	5.071	141.06	61.977	31.086	0.05617	26.488	0
"2014-10-15	23:00:00"	5.5737	143.62	60.061	34	0.0655	26.485	0
"2014-10-16	00:00:00"	3.7668	147.63	58.589	35.155	0.05109	26.477	0
"2014-10-16	01:00:00"	3.0714	178.83	58.061	35.186	0.07631	26.471	0
"2014-10-16	02:00:00"	1.7343	211.18	55.919	38.188	0.05851	26.456	0
"2014-10-16	03:00:00"	2.593	230.67	56.305	38.577	0.06487	26.45	0
"2014-10-16	04:00:00"	2.9186	219.76	54.901	43.002	0.09772	26.435	0
"2014-10-16	05:00:00"	3.4902	222.69	53.297	47.18	0.06253	26.42	0
"2014-10-16	06:00:00"	3.2081	232.27	51.976	49.617	0.06423	26.423	0
"2014-10-16	07:00:00"	3.6704	234.4	50.413	53.204	0.09052	26.426	0
"2014-10-16	08:00:00"	3.8736	259.41	49.513	55.675	1.0359	26.432	0
"2014-10-16	09:00:00"	2.9627	255.9	48.992	59.193	96.96	26.441	0
"2014-10-16	10:00:00"	4.5963	252.07	56.95	46.793	296.32	26.453	0
"2014-10-16	11:00:00"	4.8492	238.79	65.379	36.204	497.84	26.456	0
"2014-10-16	12:00:00"	5.6309	246.41	72.302	31.074	656.68	26.462	0
"2014-10-16	13:00:00"	7.9877	270.38	80.621	22.32	766.37	26.453	0
"2014-10-16	14:00:00"	8.5737	298.7	84.827	17.285	795.61	26.432	0
"2014-10-16	15:00:00"	8.4053	302.6	87.208	15.284	767.6	26.409	0
"2014-10-16	16:00:00"	6.9065	302.57	88.332	14.548	674.73	26.394	0
"2014-10-16	17:00:00"	5.9813	306.66	88.495	14.044	525.66	26.388	0
"2014-10-16	18:00:00"	6.8705	300.16	87.901	13.324	337.22	26.382	0
"2014-10-16	19:00:00"	3.1472	287.89	86.057	15.554	137.7	26.382	0
"2014-10-16	20:00:00"	0.85066	143.92	77.716	22.76	8.2502	26.394	0
"2014-10-16	21:00:00"	1.1756	170.5	73.25	23.732	0.06338	26.4	0
"2014-10-16	22:00:00"	1.0949	224.71	69.984	26.853	0.05851	26.394	0
"2014-10-16	23:00:00"	2.7757	330.73	66.751	32.344	0.06508	26.4	0
"2014-10-17	00:00:00"	3.8593	336.67	65.866	31.793	0.06296	26.4	0
"2014-10-17	01:00:00"	3.1243	326.1	65.827	32.504	0.0778	26.394	0
"2014-10-17	02:00:00"	4.6864	339.29	62.978	37.034	0.07483	26.397	0
"2014-10-17	03:00:00"	2.8018	86.154	59.724	41.316	0.06593	26.391	0
"2014-10-17	04:00:00"	3.7239	60.09	57.484	44.412	0.07886	26.385	0
"2014-10-17	05:00:00"	5.5582	37.852	57.111	46.458	0.06974	26.385	0
"2014-10-17	06:00:00"	7.7883	19.971	54.027	51.514	0.08204	26.4	0
"2014-10-17	07:00:00"	8.9024	25.878	52.469	54.607	0.06359	26.412	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-17	08:00:00"	9.6555	35.849	51.687	57.664	0.91872	26.426	0
"2014-10-17	09:00:00"	10.252	37.134	52.978	57.603	86.369	26.456	0
"2014-10-17	10:00:00"	11.892	53.995	60.858	47.997	277.34	26.477	0
"2014-10-17	11:00:00"	11.468	62.485	66.854	42.328	469.52	26.483	0
"2014-10-17	12:00:00"	9.2392	62.095	71.863	37.511	626.07	26.48	0
"2014-10-17	13:00:00"	8.1151	73.714	76.156	33.642	717.9	26.477	0
"2014-10-17	14:00:00"	5.414	95.593	79.153	30.128	755.26	26.456	0
"2014-10-17	15:00:00"	4.6945	90.183	81.609	27.723	729.95	26.432	0
"2014-10-17	16:00:00"	5.46	92.657	83.327	26.268	639.58	26.42	0
"2014-10-17	17:00:00"	8.9981	89.693	83.27	27.601	490.53	26.415	0
"2014-10-17	18:00:00"	10.908	84.868	81.352	30.189	306.22	26.423	0
"2014-10-17	19:00:00"	9.6735	85.895	78.064	34.03	114.63	26.438	0
"2014-10-17	20:00:00"	7.2626	79.34	71.546	43.024	4.6453	26.453	0
"2014-10-17	21:00:00"	9.7021	71.708	67.646	48.394	0.08416	26.465	0
"2014-10-17	22:00:00"	11.415	71.798	66.091	48.878	0.0602	26.48	0
"2014-10-17	23:00:00"	13.489	69.134	64.57	48.201	0.06635	26.491	0
"2014-10-18	00:00:00"	12.91	69.795	62.657	48.614	0.06105	26.5	0
"2014-10-18	01:00:00"	10.166	63.393	60.488	50.309	0.08288	26.503	0
"2014-10-18	02:00:00"	8.7924	52.011	57.597	54.471	0.0566	26.5	0
"2014-10-18	03:00:00"	10.485	64.43	56.47	52.979	0.06635	26.483	0
"2014-10-18	04:00:00"	11.548	41.143	54.721	53.596	0.0973	26.5	0
"2014-10-18	05:00:00"	12.535	45.477	54.025	54.463	0.07928	26.503	0
"2014-10-18	06:00:00"	12.967	51.191	54.406	55.7	0.08373	26.518	0
"2014-10-18	07:00:00"	12.91	50.594	55.017	58.752	0.08522	26.539	0
"2014-10-18	08:00:00"	12.232	39.502	54.733	60.708	0.45258	26.565	0
"2014-10-18	09:00:00"	13.113	32.539	54.931	59.34	37.261	26.589	0
"2014-10-18	10:00:00"	12.641	42.026	53.517	67.994	35.168	26.601	0
"2014-10-18	11:00:00"	13.926	49.666	53.184	73.496	124.56	26.609	0.01
"2014-10-18	12:00:00"	15.472	69.218	56.634	63.551	319.96	26.595	0
"2014-10-18	13:00:00"	14.873	75.546	60.854	55.013	410.12	26.592	0
"2014-10-18	14:00:00"	13.179	81.989	64.709	49.813	616.92	26.577	0
"2014-10-18	15:00:00"	11.161	82.037	66.364	49.022	414.26	26.562	0
"2014-10-18	16:00:00"	9.8674	79.569	67.391	50.324	435.51	26.553	0
"2014-10-18	17:00:00"	10.794	78.011	69.454	46.719	469.48	26.545	0
"2014-10-18	18:00:00"	11.332	77.01	69.26	45.987	244.59	26.542	0
"2014-10-18	19:00:00"	10.555	58.276	66.44	49.707	48.963	26.545	0
"2014-10-18	20:00:00"	8.7582	59.819	63.542	54.029	1.7268	26.556	0
"2014-10-18	21:00:00"	8.6489	55.286	61.361	58.313	0.07525	26.565	0
"2014-10-18	22:00:00"	9.3081	54.198	59.672	61.183	0.0867	26.565	0
"2014-10-18	23:00:00"	8.8601	51.158	57.662	65.149	0.06762	26.568	0
"2014-10-19	00:00:00"	8.2767	50.936	55.936	70.364	0.08076	26.571	0
"2014-10-19	01:00:00"	8.3102	50.592	55.757	70.185	0.06805	26.562	0
"2014-10-19	02:00:00"	8.8533	39.745	54.609	72.922	0.07674	26.556	0
"2014-10-19	03:00:00"	8.8204	47.588	54.098	73.364	0.0744	26.55	0
"2014-10-19	04:00:00"	7.5826	43.083	52.89	75.701	0.07886	26.542	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-19	05:00:00"	7.5882	42.488	51.3	79.033	0.08204	26.533	0
"2014-10-19	06:00:00"	6.5716	42.821	51.11	79.209	0.06741	26.536	0
"2014-10-19	07:00:00"	6.7618	47.167	50.725	80.347	0.0655	26.542	0
"2014-10-19	08:00:00"	7.5236	46.917	52.672	77.307	0.79111	26.553	0
"2014-10-19	09:00:00"	7.2222	40.831	53.72	75.924	22.837	26.574	0
"2014-10-19	10:00:00"	6.5579	67.056	55.968	72.856	94.247	26.58	0
"2014-10-19	11:00:00"	7.3229	92.164	60.423	69.678	266.31	26.571	0
"2014-10-19	12:00:00"	9.571	136.39	65.409	68.086	363.33	26.562	0
"2014-10-19	13:00:00"	11.052	164.87	70.314	62.757	457.69	26.542	0
"2014-10-19	14:00:00"	11.513	155.8	70.661	62.833	300.54	26.521	0
"2014-10-19	15:00:00"	8.8266	161.84	72.19	59.032	408.73	26.494	0
"2014-10-19	16:00:00"	6.0111	156.45	74.104	53.407	426.51	26.477	0
"2014-10-19	17:00:00"	6.4865	124.75	75.197	48.82	318.61	26.465	0
"2014-10-19	18:00:00"	8.0797	114.99	76.031	45.88	275.8	26.459	0
"2014-10-19	19:00:00"	8.3475	127.6	75.197	45.901	116.77	26.465	0
"2014-10-19	20:00:00"	8.3786	115.43	70.953	57.634	2.7814	26.48	0
"2014-10-19	21:00:00"	8.263	109.71	66.806	65.606	0.08861	26.488	0
"2014-10-19	22:00:00"	6.2286	125.33	64.521	71.915	0.07949	26.5	0
"2014-10-19	23:00:00"	5.0561	75.092	61.504	75.665	0.05914	26.521	0
"2014-10-20	00:00:00"	4.6516	113.97	60.281	76.95	0.08776	26.506	0
"2014-10-20	01:00:00"	4.2819	91.202	59.584	80.049	0.0655	26.512	0
"2014-10-20	02:00:00"	4.6795	94.96	58.401	82.421	0.092	26.506	0
"2014-10-20	03:00:00"	5.4308	71.667	56.662	85.896	0.07737	26.497	0
"2014-10-20	04:00:00"	4.605	83.217	56.293	87.597	0.07568	26.506	0
"2014-10-20	05:00:00"	4.5503	49.755	54.938	89.001	0.07229	26.506	0
"2014-10-20	06:00:00"	4.8038	42.56	53.343	91.064	0.07398	26.509	0
"2014-10-20	07:00:00"	5.0524	49.484	53.655	91.736	0.09857	26.521	0
"2014-10-20	08:00:00"	4.9946	50.187	53.304	91.866	0.73472	26.527	0
"2014-10-20	09:00:00"	5.0648	39.09	53.175	92.637	60.968	26.542	0
"2014-10-20	10:00:00"	6.0217	57.894	58.69	87.744	269.46	26.556	0
"2014-10-20	11:00:00"	7.3608	101.65	64.151	75.229	368.22	26.553	0
"2014-10-20	12:00:00"	7.6951	119.25	67.361	68.79	603.99	26.553	0
"2014-10-20	13:00:00"	8.2487	98.479	69.691	62.753	556.23	26.545	0
"2014-10-20	14:00:00"	8.4854	126.01	71.15	59.355	519.08	26.518	0
"2014-10-20	15:00:00"	10.581	106.22	73.235	51.372	606.43	26.497	0
"2014-10-20	16:00:00"	11.247	104.62	73.432	47.979	349.25	26.488	0
"2014-10-20	17:00:00"	10.771	104.11	72.451	49.705	151.26	26.485	0
"2014-10-20	18:00:00"	10.99	121.69	71.624	48.111	87.103	26.488	0
"2014-10-20	19:00:00"	8.5861	132.02	70.254	47.418	30.021	26.488	0
"2014-10-20	20:00:00"	3.8419	120.37	67.756	54.672	0.66392	26.503	0
"2014-10-20	21:00:00"	2.7993	131.95	65.635	61.251	0.05109	26.515	0
"2014-10-20	22:00:00"	1.1638	61.691	63.945	68.323	0.07207	26.524	0
"2014-10-20	23:00:00"	3.1013	36.947	61.844	72.036	0.08098	26.536	0
"2014-10-21	00:00:00"	3.7481	34.286	60.646	75.274	0.08818	26.53	0
"2014-10-21	01:00:00"	4.6659	32.518	59.977	77.855	0.07229	26.524	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-21	02:00:00"	5.2997	49.072	57.518	77.871	0.06635	26.521	0
"2014-10-21	03:00:00"	4.9368	82.407	57.709	75.57	0.06529	26.521	0
"2014-10-21	04:00:00"	4.746	114.66	58.575	73.985	0.06699	26.518	0
"2014-10-21	05:00:00"	3.9271	100.76	58.127	75.922	0.08373	26.521	0
"2014-10-21	06:00:00"	3.7761	76.33	58.074	77.07	0.085	26.524	0
"2014-10-21	07:00:00"	3.0565	71.605	58.129	78.588	0.08967	26.527	0
"2014-10-21	08:00:00"	4.5919	76.92	57.582	80.224	0.44198	26.53	0
"2014-10-21	09:00:00"	5.1313	106.64	58.573	82.031	38.456	26.545	0
"2014-10-21	10:00:00"	7.6994	115.42	61.794	78.019	127.91	26.556	0
"2014-10-21	11:00:00"	8.6731	129.02	63.893	73.107	238.64	26.556	0
"2014-10-21	12:00:00"	9.8183	152.98	65.341	72.104	243.09	26.556	0
"2014-10-21	13:00:00"	9.9662	158.29	65.762	71.42	230.97	26.547	0
"2014-10-21	14:00:00"	9.5971	160.92	65.917	70.667	161.39	26.524	0
"2014-10-21	15:00:00"	9.0186	180.46	66.888	68.655	272.91	26.5	0
"2014-10-21	16:00:00"	11.231	172.76	68.768	58.736	268.11	26.494	0
"2014-10-21	17:00:00"	11.418	169.32	68.181	57.158	130.11	26.488	0
"2014-10-21	18:00:00"	10.347	156.99	67.057	57.699	78.802	26.488	0
"2014-10-21	19:00:00"	6.63	152.37	66.379	63.899	32.746	26.488	0
"2014-10-21	20:00:00"	4.9349	141.36	65.243	67.132	0.75761	26.491	0
"2014-10-21	21:00:00"	4.641	139.78	63.259	71.647	0.06232	26.497	0
"2014-10-21	22:00:00"	4.2402	155.78	63.059	72.644	0.08649	26.515	0
"2014-10-21	23:00:00"	3.7835	173.66	62.843	75.238	0.09391	26.518	0
"2014-10-22	00:00:00"	4.715	172.51	63.126	75.727	0.06741	26.515	0
"2014-10-22	01:00:00"	5.7819	176.97	62.983	77.471	0.06974	26.512	0
"2014-10-22	02:00:00"	5.0455	179.86	62.146	80.581	0.08161	26.509	0
"2014-10-22	03:00:00"	4.7777	170.55	61.507	82.098	0.05511	26.509	0
"2014-10-22	04:00:00"	5.5345	177.99	61.774	82.087	0.06169	26.506	0
"2014-10-22	05:00:00"	5.7384	162.2	61.876	82.504	0.08734	26.506	0
"2014-10-22	06:00:00"	6.9339	155.04	61.94	82.967	0.06635	26.512	0
"2014-10-22	07:00:00"	8.0648	155.16	61.995	82.535	0.10175	26.521	0
"2014-10-22	08:00:00"	6.292	152.74	61.351	84.551	0.15369	26.527	0
"2014-10-22	09:00:00"	6.5735	155.06	61.654	84.338	69.11	26.539	0
"2014-10-22	10:00:00"	9.7471	170.58	63.864	78.255	206.61	26.559	0
"2014-10-22	11:00:00"	9.0235	186.26	64.472	76.894	117.89	26.568	0
"2014-10-22	12:00:00"	7.8336	191.77	65.167	75.769	157.03	26.568	0
"2014-10-22	13:00:00"	6.7537	201.3	67.131	70.333	398.25	26.556	0
"2014-10-22	14:00:00"	5.839	224.13	69.044	63.794	294.45	26.539	0
"2014-10-22	15:00:00"	4.9573	258.03	70.272	60.532	547.12	26.515	0
"2014-10-22	16:00:00"	4.7964	225.9	73.23	52.287	602.12	26.503	0
"2014-10-22	17:00:00"	3.8165	234.54	73.18	51.748	311.72	26.494	0
"2014-10-22	18:00:00"	5.1723	188.22	73.684	52.096	257.64	26.503	0
"2014-10-22	19:00:00"	9.0142	140.61	67.507	73.354	52.131	26.515	0
"2014-10-22	20:00:00"	6.8661	142.71	64.766	76.68	5.7675	26.524	0
"2014-10-22	21:00:00"	4.7442	115.12	61.7	83.186	0.0619	26.536	0
"2014-10-22	22:00:00"	3.2075	140.96	60.323	87.157	0.07419	26.547	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-22	23:00:00"	4.4764	147.77	58.386	85.366	0.05957	26.553	0
"2014-10-23	00:00:00"	3.5716	112.77	56.049	84.55	0.08988	26.559	0
"2014-10-23	01:00:00"	2.4557	149.67	53.806	86.168	0.06126	26.553	0
"2014-10-23	02:00:00"	1.7436	201.38	52.921	88.058	0.07716	26.55	0
"2014-10-23	03:00:00"	5.8042	202.72	55.924	91.344	0.06296	26.55	0
"2014-10-23	04:00:00"	4.979	217.93	56.839	92.362	0.07123	26.545	0
"2014-10-23	05:00:00"	6.3057	207.89	56.838	92.742	0.08076	26.533	0
"2014-10-23	06:00:00"	5.9701	217.49	56.492	92.975	0.07525	26.539	0
"2014-10-23	07:00:00"	3.1299	217.15	56.349	93.087	0.06147	26.547	0
"2014-10-23	08:00:00"	2.9577	223.43	56.204	93.164	0.18887	26.559	0
"2014-10-23	09:00:00"	4.5776	209.57	56.403	93.269	18.557	26.574	0
"2014-10-23	10:00:00"	3.9445	202.53	56.623	93.219	94.738	26.595	0.01
"2014-10-23	11:00:00"	1.8088	158.1	57.486	93.018	177.84	26.604	0
"2014-10-23	12:00:00"	2.9528	226.67	58.901	92.548	297.08	26.612	0
"2014-10-23	13:00:00"	3.9289	249.95	62.441	82.01	653.22	26.604	0
"2014-10-23	14:00:00"	4.1452	235.19	70.54	62.533	723.88	26.574	0
"2014-10-23	15:00:00"	5.496	223.73	75.564	46.414	699.94	26.545	0
"2014-10-23	16:00:00"	4.4391	228.57	77.557	42.936	610.67	26.53	0
"2014-10-23	17:00:00"	5.6886	200.53	78.781	39.144	463.79	26.527	0
"2014-10-23	18:00:00"	5.2773	197.38	77.923	41.264	223.91	26.527	0
"2014-10-23	19:00:00"	4.9908	184.99	74.953	44.964	86.527	26.539	0
"2014-10-23	20:00:00"	4.0184	161.48	68.46	55.359	3.0926	26.55	0
"2014-10-23	21:00:00"	4.2875	150.55	64.124	60.9	0.06741	26.556	0
"2014-10-23	22:00:00"	3.845	141.59	62.767	66.356	0.06783	26.565	0
"2014-10-23	23:00:00"	2.3538	157.34	60.926	72.002	0.06275	26.571	0
"2014-10-24	00:00:00"	2.7396	151.77	60.175	74.299	0.07801	26.577	0
"2014-10-24	01:00:00"	2.4395	173	58.588	80.728	0.06868	26.58	0
"2014-10-24	02:00:00"	1.8026	214.74	57.628	86.309	0.092	26.577	0
"2014-10-24	03:00:00"	2.158	221.86	57.159	91.268	0.07186	26.574	0
"2014-10-24	04:00:00"	1.0663	265.33	57.024	92.707	0.06105	26.571	0
"2014-10-24	05:00:00"	2.0735	273.46	56.623	92.985	0.08585	26.568	0
"2014-10-24	06:00:00"	1.28	257.39	54.957	92.707	0.06359	26.568	0
"2014-10-24	07:00:00"	1.8989	270.4	54.18	93.072	0.06529	26.574	0
"2014-10-24	08:00:00"	1.7436	262.3	53.272	92.973	0.39131	26.589	0
"2014-10-24	09:00:00"	2.1543	258.47	52.877	93.083	45.307	26.604	0
"2014-10-24	10:00:00"	5.9857	271.75	56.366	93.388	209.95	26.624	0
"2014-10-24	11:00:00"	6.42	220.91	61.362	87.833	439.61	26.636	0
"2014-10-24	12:00:00"	6.4386	220.93	68.641	69.072	588.03	26.636	0
"2014-10-24	13:00:00"	7.9566	209.52	75.451	49.574	689.79	26.627	0
"2014-10-24	14:00:00"	8.7141	209.75	78.879	40.894	728.39	26.604	0
"2014-10-24	15:00:00"	8.1617	208.58	81.069	35.526	703.03	26.58	0
"2014-10-24	16:00:00"	8.0132	213.64	82.266	31.091	614.81	26.568	0
"2014-10-24	17:00:00"	7.8895	206.26	82.667	29.687	467.35	26.565	0
"2014-10-24	18:00:00"	7.2607	206.58	82.042	31.959	282.3	26.562	0
"2014-10-24	19:00:00"	5.3686	190.62	79.3	35.837	101.78	26.565	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-24	20:00:00"	3.9519	152.88	71.58	45.181	2.7888	26.574	0
"2014-10-24	21:00:00"	4.774	139.27	68.339	46.827	0.06465	26.586	0
"2014-10-24	22:00:00"	5.1655	144.7	66.077	49.538	0.08204	26.592	0
"2014-10-24	23:00:00"	5.5109	146.67	64.413	54.113	0.06381	26.595	0
"2014-10-25	00:00:00"	4.3477	148.67	62.757	57.33	0.0903	26.595	0
"2014-10-25	01:00:00"	4.3154	181.34	61.631	61.938	0.06317	26.601	0
"2014-10-25	02:00:00"	2.9329	174.89	59.586	69.721	0.07864	26.601	0
"2014-10-25	03:00:00"	2.9981	182.97	58.044	79.07	0.07589	26.601	0
"2014-10-25	04:00:00"	2.1462	230.48	57.803	83.185	0.06974	26.598	0
"2014-10-25	05:00:00"	2.0114	221.58	57.424	86.923	0.0619	26.589	0
"2014-10-25	06:00:00"	2.012	192.78	55.769	91.377	0.05003	26.586	0
"2014-10-25	07:00:00"	1.9741	198.99	56.173	92.783	0.07864	26.592	0
"2014-10-25	08:00:00"	0.92398	239.6	56.275	92.938	0.38559	26.601	0
"2014-10-25	09:00:00"	1.6982	249.45	55.588	92.921	63.422	26.618	0
"2014-10-25	10:00:00"	5.2208	205.76	60.28	89.196	261.72	26.636	0
"2014-10-25	11:00:00"	7.7	193.82	68.433	67.618	433.43	26.639	0
"2014-10-25	12:00:00"	7.2893	199.59	73.536	54.113	588.29	26.633	0
"2014-10-25	13:00:00"	6.5486	199.69	78.328	42.573	690.32	26.621	0
"2014-10-25	14:00:00"	7.5391	208.39	81.104	35.633	729	26.601	0
"2014-10-25	15:00:00"	9.5598	202.55	82.476	31.864	703.64	26.574	0
"2014-10-25	16:00:00"	8.972	207.42	83.284	29.506	615.08	26.559	0
"2014-10-25	17:00:00"	8.5314	197.84	83.346	29.033	469.39	26.55	0
"2014-10-25	18:00:00"	7.9473	195.78	82.883	28.408	285.83	26.542	0
"2014-10-25	19:00:00"	5.5178	181.69	79.845	31.101	101.09	26.539	0
"2014-10-25	20:00:00"	4.797	144.26	71.709	40.876	2.3178	26.536	0
"2014-10-25	21:00:00"	5.1077	143.52	68.429	44.994	0.08182	26.542	0
"2014-10-25	22:00:00"	5.4451	142.8	67.537	47.756	0.06805	26.539	0
"2014-10-25	23:00:00"	5.0511	142.7	66.667	46.907	0.0619	26.539	0
"2014-10-26	00:00:00"	6.9767	164.23	64.72	53.017	0.07716	26.536	0
"2014-10-26	01:00:00"	5.5308	177.69	61.714	64.394	0.06635	26.521	0
"2014-10-26	02:00:00"	6.832	182.86	62.108	67.829	0.05745	26.512	0
"2014-10-26	03:00:00"	4.4242	212.29	59.111	76.312	0.07165	26.5	0
"2014-10-26	04:00:00"	2.8515	217.72	57.136	81.708	0.07758	26.483	0
"2014-10-26	05:00:00"	3.3361	252.97	56.815	83.6	0.06147	26.474	0
"2014-10-26	06:00:00"	2.5638	233.31	55.817	86.14	0.07186	26.471	0
"2014-10-26	07:00:00"	2.9528	208.63	54.389	88.776	0.07546	26.462	0
"2014-10-26	08:00:00"	3.3206	237.3	54.232	90.003	0.40997	26.465	0
"2014-10-26	09:00:00"	2.8825	225.81	52.956	91.442	84.934	26.477	0.01
"2014-10-26	10:00:00"	5.0169	230.49	57.928	84.514	256.38	26.488	0
"2014-10-26	11:00:00"	6.3206	225.79	65.497	64.962	438.88	26.488	0
"2014-10-26	12:00:00"	7.8063	236.08	72.116	49.616	598.2	26.48	0
"2014-10-26	13:00:00"	7.6932	237.02	78.781	36.393	692.48	26.459	0
"2014-10-26	14:00:00"	6.8183	238.37	83.252	26.393	730.56	26.426	0
"2014-10-26	15:00:00"	6.0341	237.25	85.167	24.6	702.17	26.397	0
"2014-10-26	16:00:00"	6.8388	221.73	86.072	24.26	608.81	26.376	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-26	17:00:00"	7.5633	224.67	86.68	22.333	462.41	26.37	0
"2014-10-26	18:00:00"	6.42	235.6	86.191	20.964	280.21	26.358	0
"2014-10-26	19:00:00"	4.636	206.68	82.295	25.936	94.665	26.356	0
"2014-10-26	20:00:00"	4.8964	173.17	73.375	35.358	1.7001	26.358	0
"2014-10-26	21:00:00"	5.2742	161.76	69.316	39.314	0.06402	26.358	0
"2014-10-26	22:00:00"	5.4948	160.89	65.862	44.021	0.08055	26.35	0
"2014-10-26	23:00:00"	5.3531	174.42	64.998	45.154	0.05723	26.35	0
"2014-10-27	00:00:00"	7.2228	181.42	65.469	52.823	0.07568	26.347	0
"2014-10-27	01:00:00"	8.0505	181.79	65.336	64.433	0.06593	26.335	0
"2014-10-27	02:00:00"	6.5057	181.07	63.584	71.379	0.07886	26.323	0
"2014-10-27	03:00:00"	4.6019	200.13	62.108	75.746	0.06444	26.317	0
"2014-10-27	04:00:00"	3.9513	219.53	59.675	80.273	0.07758	26.311	0
"2014-10-27	05:00:00"	3.3498	221.08	57.961	84.062	0.06529	26.308	0
"2014-10-27	06:00:00"	3.0764	214.92	56.379	86.799	0.07504	26.305	0
"2014-10-27	07:00:00"	2.6744	217.56	55.768	88.206	0.08034	26.308	0
"2014-10-27	08:00:00"	3.2429	233.42	55.169	88.852	0.7875	26.311	0
"2014-10-27	09:00:00"	3.5176	254.85	54.639	90.377	49.528	26.332	0
"2014-10-27	10:00:00"	6.3013	223.17	59.59	81.51	233.83	26.35	0
"2014-10-27	11:00:00"	8.1207	213	67.117	60.104	378.92	26.356	0
"2014-10-27	12:00:00"	8.5637	218.25	72.586	46.724	455.57	26.35	0
"2014-10-27	13:00:00"	9.4865	223.5	77.582	38.854	548.25	26.341	0
"2014-10-27	14:00:00"	12.8	248.2	82.142	28.559	560.93	26.317	0
"2014-10-27	15:00:00"	14.367	255.33	82.654	24.081	496	26.308	0
"2014-10-27	16:00:00"	16.29	255.78	83.268	22.332	555.29	26.299	0
"2014-10-27	17:00:00"	14.682	254.05	82.456	21.095	214.69	26.311	0
"2014-10-27	18:00:00"	7.7298	228.27	80.162	25.449	94.934	26.308	0
"2014-10-27	19:00:00"	5.1064	201.9	76.611	29.654	22.136	26.314	0
"2014-10-27	20:00:00"	3.6319	210.95	72.825	34.412	0.19269	26.329	0
"2014-10-27	21:00:00"	1.5876	194.83	70.93	37.112	0.05003	26.35	0
"2014-10-27	22:00:00"	3.663	259.57	70.232	37.929	0.05702	26.361	0
"2014-10-27	23:00:00"	2.0884	262.91	67.337	41.702	0.07165	26.382	0
"2014-10-28	00:00:00"	4.9082	304.3	67.302	42.513	0.0549	26.397	0
"2014-10-28	01:00:00"	8.7383	301.93	69.201	40.441	0.07377	26.403	0
"2014-10-28	02:00:00"	10.943	346.34	63.434	49.524	0.06041	26.432	0
"2014-10-28	03:00:00"	15.947	30.944	56.72	59.154	0.07525	26.462	0
"2014-10-28	04:00:00"	17.045	30.366	54.238	59.696	0.0549	26.471	0
"2014-10-28	05:00:00"	14.735	35.538	52.415	61.327	0.06508	26.485	0
"2014-10-28	06:00:00"	15.354	31.369	50.484	61.185	0.07864	26.503	0
"2014-10-28	07:00:00"	12.528	27.828	48.61	57.668	0.07992	26.545	0
"2014-10-28	08:00:00"	10.274	12.332	46.311	54.852	0.20202	26.559	0
"2014-10-28	09:00:00"	10.176	14.188	45.516	52.935	61.223	26.589	0
"2014-10-28	10:00:00"	13.271	23.777	49.488	46.893	241.32	26.612	0
"2014-10-28	11:00:00"	13.026	42.941	53.841	42.516	431.76	26.636	0
"2014-10-28	12:00:00"	11.087	46.829	57.635	39.436	587.28	26.63	0
"2014-10-28	13:00:00"	9.479	48.729	60.271	38.342	688.49	26.612	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-28	14:00:00"	6.9941	48.894	63.224	36.837	723.88	26.589	0
"2014-10-28	15:00:00"	4.8013	39.345	65.643	35.139	694.27	26.568	0
"2014-10-28	16:00:00"	5.0163	11.283	67.25	33.998	604.35	26.553	0
"2014-10-28	17:00:00"	5.4842	40.308	68.194	33.316	459.25	26.547	0
"2014-10-28	18:00:00"	5.4308	41.441	68.551	33.248	275.17	26.553	0
"2014-10-28	19:00:00"	5.4078	75.852	66.656	36.505	91.856	26.562	0
"2014-10-28	20:00:00"	4.8194	71.682	60.838	45.057	1.2878	26.574	0
"2014-10-28	21:00:00"	5.4923	75.783	56.803	51.487	0.07928	26.595	0
"2014-10-28	22:00:00"	5.6017	79.13	53.622	57.649	0.05151	26.601	0
"2014-10-28	23:00:00"	5.419	85.855	51.578	62.895	0.08755	26.612	0
"2014-10-29	00:00:00"	5.7029	81.744	50.917	66.421	0.07377	26.615	0
"2014-10-29	01:00:00"	5.6843	79.133	49.364	70.332	0.09158	26.615	0
"2014-10-29	02:00:00"	5.8316	81.86	49.253	71.046	0.09242	26.615	0
"2014-10-29	03:00:00"	6.4691	54.204	46.186	75.923	0.06253	26.618	0
"2014-10-29	04:00:00"	6.8077	56.239	44.978	78.256	0.0778	26.615	0
"2014-10-29	05:00:00"	7.142	58.648	45.751	75.898	0.05066	26.615	0
"2014-10-29	06:00:00"	6.9575	62.897	45.793	73.197	0.08797	26.621	0
"2014-10-29	07:00:00"	6.8891	52.822	43.596	76.72	0.09285	26.627	0
"2014-10-29	08:00:00"	6.7344	50.498	42.653	78.552	0.24356	26.636	0
"2014-10-29	09:00:00"	7.5627	47.91	43.912	75.14	58.352	26.657	0
"2014-10-29	10:00:00"	8.9129	80.347	50.908	60.148	235.36	26.677	0
"2014-10-29	11:00:00"	10.227	110.92	58.858	47.237	423.6	26.683	0
"2014-10-29	12:00:00"	10.341	128.59	63.076	43.844	576.44	26.674	0
"2014-10-29	13:00:00"	8.3065	150.08	66.358	42.969	675.92	26.663	0
"2014-10-29	14:00:00"	7.677	157.96	68.649	41.829	712.11	26.63	0
"2014-10-29	15:00:00"	7.1364	152.64	70.446	40.333	682.96	26.601	0
"2014-10-29	16:00:00"	6.2659	176.38	71.834	40.024	593.52	26.586	0
"2014-10-29	17:00:00"	6.776	163.07	72.541	39.233	449.5	26.571	0
"2014-10-29	18:00:00"	6.6288	164.62	72.614	40.124	266.16	26.565	0
"2014-10-29	19:00:00"	5.7241	161.6	70.381	45.154	85.421	26.559	0
"2014-10-29	20:00:00"	2.5122	147.45	65.377	54.355	1.072	26.574	0
"2014-10-29	21:00:00"	4.4018	139.67	61.335	62.377	0.07483	26.571	0
"2014-10-29	22:00:00"	3.988	151.35	58.669	67.962	0.07229	26.577	0
"2014-10-29	23:00:00"	3.2274	178.18	57.7	70.494	0.07589	26.571	0
"2014-10-30	00:00:00"	1.3527	134.92	54.44	78.179	0.1009	26.568	0
"2014-10-30	01:00:00"	2.4004	189.95	54.546	78.854	0.0973	26.562	0
"2014-10-30	02:00:00"	2.5625	225.83	53.687	81.435	0.06423	26.559	0
"2014-10-30	03:00:00"	1.7746	202.35	52.444	84.93	0.09369	26.55	0
"2014-10-30	04:00:00"	1.3894	227.13	52.811	86.854	0.1009	26.545	0
"2014-10-30	05:00:00"	1.6	234.75	52.377	88.858	0.08416	26.536	0
"2014-10-30	06:00:00"	3.2305	294.93	53.565	86.498	0.07737	26.539	0
"2014-10-30	07:00:00"	2.7987	277.4	53.009	86.96	0.07292	26.547	0
"2014-10-30	08:00:00"	2.7968	280.04	51.822	88.682	0.25925	26.556	0
"2014-10-30	09:00:00"	3.2678	280.78	52.531	87.289	70.712	26.562	0
"2014-10-30	10:00:00"	6.507	288.66	57.151	79.266	237.46	26.592	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-10-30	11:00:00"	7.8871	290.26	65.81	60.561	425.62	26.598	0
"2014-10-30	12:00:00"	11.572	324.94	70.918	34.134	585.68	26.601	0
"2014-10-30	13:00:00"	11.313	351.3	72.377	25.493	693.28	26.601	0
"2014-10-30	14:00:00"	10.771	353.24	75.259	23.269	728.21	26.589	0
"2014-10-30	15:00:00"	11.779	8.0754	75.592	25.503	696.55	26.574	0
"2014-10-30	16:00:00"	11.409	16.759	76.747	27.899	600.03	26.574	0
"2014-10-30	17:00:00"	11.454	23.072	76.837	28.374	449.33	26.577	0
"2014-10-30	18:00:00"	12.926	30.21	75.213	30.383	263.19	26.586	0
"2014-10-30	19:00:00"	11.429	42.206	71.943	35.862	80.779	26.598	0
"2014-10-30	20:00:00"	8.3419	43.266	66.918	44.694	0.75719	26.618	0
"2014-10-30	21:00:00"	8.0691	37.506	63.239	52.142	0.07059	26.639	0
"2014-10-30	22:00:00"	7.5571	40.617	59.921	59.931	0.07462	26.66	0
"2014-10-30	23:00:00"	8.7464	35.469	56.899	67.139	0.08034	26.677	0
"2014-10-31	00:00:00"	11.956	43.171	57.109	67.912	0.08288	26.686	0
"2014-10-31	01:00:00"	10.88	51.511	56.326	60.898	0.06656	26.704	0
"2014-10-31	02:00:00"	10.603	51.94	54.659	53.864	0.0602	0	0
"2014-10-31	03:00:00"	7.111	44.724	50.938	55.751	0.07334	26.722	0
"2014-10-31	04:00:00"	8.3991	41.15	48.198	57.148	0.08649	26.722	0
"2014-10-31	05:00:00"	8.9856	40.654	47.712	55.783	0.07398	26.722	0
"2014-10-31	06:00:00"	8.6203	38.086	46.318	56.992	0.0831	26.731	0
"2014-10-31	07:00:00"	7.5907	33.669	44.661	59.687	0.05766	26.742	0
"2014-10-31	08:00:00"	6.3883	25.278	42.282	64.601	0.20986	26.76	0
"2014-10-31	09:00:00"	9.6219	31.461	42.74	63.221	59.804	26.772	0
"2014-10-31	10:00:00"	13.281	57.778	51.232	46.558	236.71	26.801	0
"2014-10-31	11:00:00"	12.529	86.705	57.668	36.303	421.97	26.822	0
"2014-10-31	12:00:00"	11.553	96.252	59.427	34.259	576.06	26.819	0
"2014-10-31	13:00:00"	11.227	101.87	61.807	31.414	685.37	26.81	0
"2014-10-31	14:00:00"	10.253	100.34	63.315	29.834	693.46	26.784	0
"2014-10-31	15:00:00"	10.118	112.72	64.07	29.153	678.62	26.757	0
"2014-10-31	16:00:00"	10.206	107.98	64.764	28.822	595.08	26.736	0
"2014-10-31	17:00:00"	9.8978	115.38	65.18	28.942	447.6	26.725	0
"2014-10-31	18:00:00"	9.9904	105.01	64.791	28.979	260.7	26.728	0
"2014-10-31	19:00:00"	7.334	103.57	61.276	32.965	33.869	26.719	0
"2014-10-31	20:00:00"	4.92	83.659	55.266	41.619	0.45364	26.722	0
"2014-10-31	21:00:00"	6.2504	80.431	53.166	45.14	0.06169	26.722	0
"2014-10-31	22:00:00"	7.0072	79.424	51.085	48.463	0.05745	26.725	0
"2014-10-31	23:00:00"	6.4927	76.58	48.174	54.591	0.07419	26.731	0
"2014-11-01	00:00:00"	7.7684	88.323	47.705	54.175	0.07843	26.728	0
"2014-11-01	01:00:00"	8.4084	91.648	47.112	52.575	0.05384	26.71	0
"2014-11-01	02:00:00"	8.8539	91.735	46.657	53.065	0.09094	26.692	0
"2014-11-01	03:00:00"	8.7265	101.01	46.445	53.2	0.06529	26.689	0
"2014-11-01	04:00:00"	8.9397	106.88	45.955	53.709	0.06699	26.68	0
"2014-11-01	05:00:00"	10.202	112.78	45.657	53.348	0.08119	26.669	0
"2014-11-01	06:00:00"	10.023	118.23	44.862	55.008	0.0903	26.669	0
"2014-11-01	07:00:00"	10.31	115.02	44.059	57.87	0.08861	26.666	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-01	08:00:00"	7.7031	109.8	42.946	61.614	0.19905	26.666	0
"2014-11-01	09:00:00"	7.9946	111.98	43.023	63.213	48.709	26.669	0
"2014-11-01	10:00:00"	10.527	125.18	47.446	55.921	216.42	26.674	0
"2014-11-01	11:00:00"	13.07	148.81	52.525	48.386	401.65	26.669	0
"2014-11-01	12:00:00"	13.24	158.3	56.599	45.236	553.22	26.651	0
"2014-11-01	13:00:00"	13.137	159.34	59.912	42.499	659.48	26.63	0
"2014-11-01	14:00:00"	11.612	164.83	63.002	40.149	685.4	26.598	0
"2014-11-01	15:00:00"	12.065	159.57	65.412	39.3	646.26	26.571	0
"2014-11-01	16:00:00"	11.82	159.78	67.628	38.606	530.28	26.55	0
"2014-11-01	17:00:00"	11.998	160.04	67.845	40.071	295.43	26.545	0
"2014-11-01	18:00:00"	11.838	151.53	66.581	41.259	139.37	26.536	0
"2014-11-01	19:00:00"	10.749	149.33	64.68	42.763	34.953	26.539	0
"2014-11-01	20:00:00"	9.7766	152.21	62.355	45.247	0.17785	26.539	0
"2014-11-01	21:00:00"	10.687	144.63	60.085	46.453	0.06953	26.527	0
"2014-11-01	22:00:00"	12.695	156.83	58.622	47.806	0.06338	26.539	0
"2014-11-01	23:00:00"	9.5592	159.25	57.108	51.758	0.07123	26.547	0
"2014-11-02	00:00:00"	9.2665	168.54	55.479	58.341	0.07292	26.545	0
"2014-11-02	01:00:00"	9.7232	172.82	54.606	62.231	0.09369	26.547	0
"2014-11-02	02:00:00"	10.45	169.69	54.027	63.902	0.07652	26.524	0
"2014-11-02	03:00:00"	11.376	169.05	53.675	65.513	0.0973	26.509	0
"2014-11-02	04:00:00"	11.714	173.66	53.995	66.139	0.07419	26.512	0
"2014-11-02	05:00:00"	7.9542	183.88	54.308	65.59	0.06126	26.497	0
"2014-11-02	06:00:00"	7.8467	174.78	53.951	66.787	0.07017	26.494	0
"2014-11-02	07:00:00"	7.764	167.71	54.217	66.29	0.08288	26.5	0
"2014-11-02	08:00:00"	5.8521	151.73	53.336	68.312	0.09391	26.5	0
"2014-11-02	09:00:00"	6.6648	160.15	52.498	70.196	25.005	26.506	0
"2014-11-02	10:00:00"	9.8419	164.91	54.05	69.094	120.47	26.527	0
"2014-11-02	11:00:00"	11.745	164.93	56.438	66.429	216.26	26.533	0
"2014-11-02	12:00:00"	11.008	170.24	58.318	63.646	205.02	26.53	0
"2014-11-02	13:00:00"	10.347	169.02	59.695	61.769	219.66	26.527	0
"2014-11-02	14:00:00"	10.683	171.36	61.056	59.017	262.69	26.497	0
"2014-11-02	15:00:00"	11.653	163.03	62.955	55.056	338.43	26.462	0
"2014-11-02	16:00:00"	12.152	160.93	64.616	51.485	352.15	26.45	0
"2014-11-02	17:00:00"	12.632	163.32	66.562	48.03	400.58	26.435	0
"2014-11-02	18:00:00"	13.277	157.45	66.113	48.753	119.83	26.432	0
"2014-11-02	19:00:00"	13.19	157.45	65.45	49.649	42.105	26.429	0
"2014-11-02	20:00:00"	13.04	151.32	62.45	57.589	0.34998	26.441	0
"2014-11-02	21:00:00"	11.731	151.92	59.432	67.21	0.0602	26.45	0
"2014-11-02	22:00:00"	12.157	154.63	57.776	73.785	0.06317	26.462	0
"2014-11-02	23:00:00"	12.47	163.52	57.05	77.291	0.08606	26.456	0
"2014-11-03	00:00:00"	11.978	166.98	56.606	79.321	0.06889	26.453	0
"2014-11-03	01:00:00"	13.111	168.61	56.386	81.54	0.08246	26.447	0
"2014-11-03	01:00:00"	10.573	187.29	56.362	83.085	0.07334	26.462	0
"2014-11-03	02:00:00"	8.9993	182.52	56.435	83.456	0.08924	26.45	0
"2014-11-03	03:00:00"	8.5283	164.92	55.299	86.477	0.05808	26.426	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-03	04:00:00"	7.9467	166.15	54.861	88.269	0.07674	26.432	0
"2014-11-03	05:00:00"	7.4589	167.79	55.098	88.99	0.06147	26.432	0
"2014-11-03	06:00:00"	7.6832	158.95	55.529	88.477	0.06868	26.432	0
"2014-11-03	07:00:00"	5.5476	170.61	54.902	89.767	0.06593	26.441	0
"2014-11-03	08:00:00"	6.4952	162.27	55.355	90.308	20.234	26.45	0
"2014-11-03	09:00:00"	8.675	179.34	57.05	87.333	72.902	26.483	0
"2014-11-03	10:00:00"	10.883	179.81	59.33	81.497	208.02	26.488	0
"2014-11-03	11:00:00"	10.759	185.75	62.3	73.575	318.95	26.488	0
"2014-11-03	12:00:00"	10.537	182.56	64.193	68.426	304.9	26.474	0
"2014-11-03	13:00:00"	10.112	179.31	65.781	64.515	314.23	26.453	0
"2014-11-03	14:00:00"	9.6437	180.25	67.682	59.044	412.18	26.429	0
"2014-11-03	15:00:00"	9.3243	172.72	69.804	54.009	366.87	26.412	0
"2014-11-03	16:00:00"	10.18	161.65	69.542	54.527	231.81	26.412	0
"2014-11-03	17:00:00"	8.547	161.1	68.523	56.177	107.08	26.406	0
"2014-11-03	18:00:00"	6.8494	150.56	67.569	58.151	24.397	26.412	0
"2014-11-03	19:00:00"	5.3668	150.93	65.923	63.819	0.12464	26.426	0
"2014-11-03	20:00:00"	4.3036	199.17	64.35	71.321	0.06635	26.456	0
"2014-11-03	21:00:00"	4.1955	8.027	61.38	82.194	0.0867	26.45	0
"2014-11-03	22:00:00"	10.177	12.763	58.899	82.914	0.08649	26.503	0.32
"2014-11-03	23:00:00"	8.2897	22.511	54.002	90.468	0.08161	26.488	0.27
"2014-11-04	00:00:00"	8.2798	52.483	54.667	91.383	0.08076	26.491	0.01
"2014-11-04	01:00:00"	10.54	75.975	55.182	91.185	0.09751	26.456	0
"2014-11-04	02:00:00"	9.8922	83.934	55.215	90.831	0.07546	26.462	0
"2014-11-04	03:00:00"	8.7731	79.358	55.038	90.834	0.06253	26.465	0
"2014-11-04	04:00:00"	9.1721	73.601	55.28	90.09	0.06995	26.459	0
"2014-11-04	05:00:00"	9.4461	80.176	55.081	89.783	0.07313	26.45	0
"2014-11-04	06:00:00"	7.2694	67.603	55.017	90.12	0.06317	26.512	0
"2014-11-04	07:00:00"	13.43	16.217	53.978	89.787	0.08755	26.515	0.16
"2014-11-04	08:00:00"	19.253	37.442	47.778	89.831	3.614	26.533	0.03
"2014-11-04	09:00:00"	19.825	24.558	45.497	89.862	7.9191	26.574	0.21
"2014-11-04	10:00:00"	19.529	33.958	43.694	91.813	14.55	26.607	0.22
"2014-11-04	11:00:00"	20.132	40.562	42.997	91.157	87.245	26.607	0.08
"2014-11-04	12:00:00"	16.162	33.373	44.338	88.619	134.74	26.627	0
"2014-11-04	13:00:00"	15.572	39.236	45.245	87.921	132.24	26.609	0
"2014-11-04	14:00:00"	13.896	31.654	45.592	89.221	70.215	26.607	0
"2014-11-04	15:00:00"	13.717	38.793	45.676	90.622	50.365	26.607	0.03
"2014-11-04	16:00:00"	11.914	27.275	45.369	90.649	41.239	26.627	0.12
"2014-11-04	17:00:00"	14.093	35.114	44.55	90.369	34.15	26.621	0.01
"2014-11-04	18:00:00"	11.249	27.461	44.368	90.353	8.8514	26.654	0.01
"2014-11-04	19:00:00"	10.089	21.408	44.084	89.985	0.12931	26.677	0
"2014-11-04	20:00:00"	10.069	22.362	43.912	87.268	0.08691	26.689	0
"2014-11-04	21:00:00"	7.6565	29.303	44.234	85.762	0.07886	26.683	0
"2014-11-04	22:00:00"	8.2419	32.856	44.341	84.985	0.09899	26.677	0
"2014-11-04	23:00:00"	6.9786	32.89	44.472	84.492	0.07716	26.66	0
"2014-11-05	00:00:00"	6.241	5.5121	44.472	82.328	0.07801	26.672	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-05	01:00:00"	6.361	29.641	44.49	79.177	0.07674	26.66	0
"2014-11-05	02:00:00"	7.9554	37.821	44.299	80.287	0.06762	26.654	0
"2014-11-05	03:00:00"	6.968	32.806	44.075	82.06	0.06995	26.636	0
"2014-11-05	04:00:00"	7.0184	51.055	43.329	86.14	0.07992	26.612	0
"2014-11-05	05:00:00"	5.5843	55.549	43.263	86.484	0.07928	26.624	0
"2014-11-05	06:00:00"	3.1721	35.172	43.448	87.094	0.06465	26.645	0
"2014-11-05	07:00:00"	3.2168	15.682	44.238	82.535	0.0725	26.648	0
"2014-11-05	08:00:00"	3.6617	26.903	44.555	82.159	8.0701	26.66	0
"2014-11-05	09:00:00"	5.4065	29.396	45.591	78.467	69.101	26.672	0
"2014-11-05	10:00:00"	2.657	19.151	47.264	72.46	178.48	26.683	0
"2014-11-05	11:00:00"	4.2328	47.42	49.852	71.378	323.04	26.683	0
"2014-11-05	12:00:00"	3.5598	355.62	51.871	69.539	326.17	26.672	0
"2014-11-05	13:00:00"	4.7181	330.01	53.545	65.064	335.47	26.648	0
"2014-11-05	14:00:00"	5.9043	357.14	55.083	57.126	401.09	26.636	0
"2014-11-05	15:00:00"	7.252	3.0324	56.184	50.777	349.42	26.621	0
"2014-11-05	16:00:00"	7.8405	19.962	56.426	51.032	232.09	26.633	0
"2014-11-05	17:00:00"	7.0321	23.776	56.5	52.697	142.27	26.639	0
"2014-11-05	18:00:00"	4.7616	32.703	54.734	58.636	28.297	26.663	0
"2014-11-05	19:00:00"	3.31	46.041	51.519	72.541	0.2018	26.68	0
"2014-11-05	20:00:00"	2.6514	62.054	50.532	76.129	0.06126	26.695	0
"2014-11-05	21:00:00"	2.4681	20.727	50.004	76.738	0.07652	26.701	0
"2014-11-05	22:00:00"	0.878	293.69	49.18	80.302	0.08797	26.722	0
"2014-11-05	23:00:00"	1.3384	307.52	48.283	84.856	0.07059	26.728	0
"2014-11-06	00:00:00"	3.2808	339.47	47.032	82.912	0.08394	26.722	0
"2014-11-06	01:00:00"	3.6555	332.06	46.246	83.289	0.07695	26.731	0
"2014-11-06	02:00:00"	4.3011	335.59	47.469	79.109	0.07758	26.734	0
"2014-11-06	03:00:00"	4.1849	349.77	47.869	76.887	0.07589	26.742	0
"2014-11-06	04:00:00"	3.2199	0.87535	47.883	76.659	0.08479	26.757	0
"2014-11-06	05:00:00"	6.3684	353.29	47.929	75.329	0.08225	26.757	0
"2014-11-06	06:00:00"	7.0414	5.0795	47.507	71.172	0.07525	26.769	0
"2014-11-06	07:00:00"	7.6975	14.989	47.306	68.136	0.06253	26.778	0
"2014-11-06	08:00:00"	8.5091	19.175	47.234	66.116	12.942	26.79	0
"2014-11-06	09:00:00"	8.7713	24.277	48.114	61.772	62.119	26.813	0
"2014-11-06	10:00:00"	8.9887	33.735	51.067	54.67	172.14	26.828	0
"2014-11-06	11:00:00"	8.4612	48.511	55.073	44.572	296.97	26.843	0
"2014-11-06	12:00:00"	7.5757	67.632	58.934	32.389	439.89	26.834	0
"2014-11-06	13:00:00"	7.6982	80.067	60.941	28.167	409.62	26.81	0
"2014-11-06	14:00:00"	8.0859	87.049	62.046	28.631	420.06	26.798	0
"2014-11-06	15:00:00"	6.1969	88.235	63.299	29.064	501.14	26.784	0
"2014-11-06	16:00:00"	6.2181	83.277	62.412	30.818	257.77	26.778	0
"2014-11-06	17:00:00"	4.4745	99.97	61.082	36.476	98.948	26.778	0
"2014-11-06	18:00:00"	2.9925	113.29	57.474	48.454	16.311	26.787	0
"2014-11-06	19:00:00"	1.6007	234.52	54.357	56.97	0.24399	26.801	0
"2014-11-06	20:00:00"	1.7454	268.67	52.29	62.248	0.08161	26.801	0
"2014-11-06	21:00:00"	2.9434	331.99	50.887	65.684	0.07356	26.787	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-06	22:00:00"	1.3627	349.32	49.35	68.062	0.06381	26.775	0
"2014-11-06	23:00:00"	2.7011	349.52	48.276	66.086	0.0708	26.772	0
"2014-11-07	00:00:00"	2.6315	343.9	46.392	68.928	0.0761	26.76	0
"2014-11-07	01:00:00"	2.6601	317.61	46.37	69.214	0.07377	26.748	0
"2014-11-07	02:00:00"	3.7531	323.17	46.916	64.679	0.07674	26.739	0
"2014-11-07	03:00:00"	3.9227	327.3	46.445	63.194	0.09518	26.719	0
"2014-11-07	04:00:00"	2.5377	290.14	46.036	62.889	0.0778	26.695	0
"2014-11-07	05:00:00"	2.2798	291.96	44.678	65.739	0.07822	26.677	0
"2014-11-07	06:00:00"	2.3482	307.04	43.344	71.105	0.05639	26.669	0
"2014-11-07	07:00:00"	2.2183	342.95	42.495	72.849	0.07801	26.657	0
"2014-11-07	08:00:00"	1.2962	17.158	44.085	69.071	43.717	26.657	0
"2014-11-07	09:00:00"	1.7647	252.08	47.902	66.973	208.51	26.669	0
"2014-11-07	10:00:00"	6.0795	222.78	53.691	55.003	393.08	26.657	0
"2014-11-07	11:00:00"	12.382	211.23	56.873	45.598	544.98	26.645	0
"2014-11-07	12:00:00"	13.456	207.97	57.757	45.855	643.95	26.615	0
"2014-11-07	13:00:00"	13.688	203.3	58.652	47.879	682.27	26.553	0
"2014-11-07	14:00:00"	13.272	203.7	60.33	47.503	657.4	26.518	0
"2014-11-07	15:00:00"	13.121	211.1	61.836	47.08	568.91	26.497	0
"2014-11-07	16:00:00"	12.556	213.65	62.977	45.898	425.22	26.477	0
"2014-11-07	17:00:00"	12.648	204.2	62.502	49.222	244.57	26.465	0
"2014-11-07	18:00:00"	9.1907	196.66	60.212	56.566	71.978	26.45	0
"2014-11-07	19:00:00"	5.5209	189.98	54.633	70.704	0.41039	26.447	0
"2014-11-07	20:00:00"	6.8997	189.25	53.115	76.102	0.09412	26.45	0
"2014-11-07	21:00:00"	6.8282	191.81	51.123	81.069	0.0725	26.45	0
"2014-11-07	22:00:00"	6.6903	193.38	50.548	83.164	0.08034	26.45	0
"2014-11-07	23:00:00"	6.6822	196.64	50.14	86.176	0.09984	26.444	0
"2014-11-08	00:00:00"	4.3024	210.13	49.05	88.279	0.07949	26.456	0
"2014-11-08	01:00:00"	3.0373	254.75	47.606	90.167	0.07992	26.453	0
"2014-11-08	02:00:00"	3.2802	272.25	47.052	91.413	0.0884	26.468	0
"2014-11-08	03:00:00"	4.6149	323.26	47.411	88.946	0.10514	26.488	0.01
"2014-11-08	04:00:00"	13.042	15.111	48.25	82.302	0.07038	26.512	0
"2014-11-08	05:00:00"	18.471	20.751	49.991	68.535	0.07356	26.545	0
"2014-11-08	06:00:00"	18.683	25.962	51.094	59.288	0.08055	26.595	0
"2014-11-08	07:00:00"	18.521	23.299	50.722	58.292	0.08818	26.645	0
"2014-11-08	08:00:00"	17.626	21.047	49.486	60.509	40.71	26.68	0
"2014-11-08	09:00:00"	19.769	25.755	51.382	56.201	206.6	26.707	0
"2014-11-08	10:00:00"	20.188	36.855	54.591	50.023	393.91	26.722	0
"2014-11-08	11:00:00"	18.33	48.495	57.298	45.321	547.93	26.731	0
"2014-11-08	12:00:00"	17.554	49.173	59.301	42.432	647.83	26.739	0
"2014-11-08	13:00:00"	14.316	44.957	60.896	40.399	683.05	26.728	0
"2014-11-08	14:00:00"	13.889	39.843	61.746	40.219	655.47	26.713	0
"2014-11-08	15:00:00"	11.082	34.57	62.061	41.053	565.41	26.698	0
"2014-11-08	16:00:00"	7.728	41.567	62.242	40.326	420.63	26.698	0
"2014-11-08	17:00:00"	6.5045	32.587	61.882	40.325	240.28	26.695	0
"2014-11-08	18:00:00"	4.2278	37.489	59.933	44.581	67.817	26.692	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-08	19:00:00"	2.9229	36.945	57.62	46.848	0.40827	26.686	0
"2014-11-08	20:00:00"	2.4426	96.09	53.643	55.676	0.08394	26.695	0
"2014-11-08	21:00:00"	1.4602	101.53	51.393	60.222	0.0778	26.689	0
"2014-11-08	22:00:00"	0.93703	231.36	48.674	67.869	0.09539	26.692	0
"2014-11-08	23:00:00"	0.62696	178.86	47.2	74.472	0.07652	26.674	0
"2014-11-09	00:00:00"	2.2456	275.15	47.175	75.979	0.07907	26.663	0
"2014-11-09	01:00:00"	1.9909	258.28	45.081	79.691	0.0797	26.639	0
"2014-11-09	02:00:00"	2.5501	244.89	43.358	81.78	0.08437	26.627	0
"2014-11-09	03:00:00"	3.8009	251.35	43.525	79.708	0.08988	26.601	0
"2014-11-09	04:00:00"	2.7477	233.67	42.337	82.328	0.0903	26.58	0
"2014-11-09	05:00:00"	2.3606	237.41	42.073	82.339	0.09899	26.565	0
"2014-11-09	06:00:00"	2.8335	218.82	41.4	82.766	0.06593	26.562	0
"2014-11-09	07:00:00"	4.5839	216.82	41.672	83.297	0.10451	26.556	0
"2014-11-09	08:00:00"	6.607	221.95	42.899	82.954	45.596	26.559	0
"2014-11-09	09:00:00"	6.4225	240.6	46.258	81.668	216.7	26.553	0
"2014-11-09	10:00:00"	10.412	238.07	54.584	64.247	405.88	26.542	0
"2014-11-09	11:00:00"	11.674	234.59	61.002	49.097	562.94	26.521	0
"2014-11-09	12:00:00"	14.698	234.47	64.734	41.423	664.82	26.488	0
"2014-11-09	13:00:00"	15.352	229.07	67.399	37.334	701.83	26.453	0
"2014-11-09	14:00:00"	16.146	229.36	70.151	30.362	674.63	26.418	0
"2014-11-09	15:00:00"	16.139	230.63	71.606	26.847	582.75	26.394	0
"2014-11-09	16:00:00"	15.974	230.79	71.641	25.669	436.16	26.376	0
"2014-11-09	17:00:00"	13.99	225.26	70.394	25.703	246.52	26.361	0
"2014-11-09	18:00:00"	9.8518	217.62	67.106	31.508	76.589	26.341	0
"2014-11-09	19:00:00"	6.0285	211.05	59.824	41.777	0.55475	26.338	0
"2014-11-09	20:00:00"	5.1673	211.57	55.399	49.864	0.05681	26.329	0
"2014-11-09	21:00:00"	8.5047	205.96	55.829	49.944	0.06656	26.32	0
"2014-11-09	22:00:00"	9.3299	214.01	56.326	52.254	0.07186	26.311	0
"2014-11-09	23:00:00"	10.515	213.64	55.558	56.051	0.09242	26.294	0
"2014-11-10	00:00:00"	9.8568	211	55.498	57.419	0.09306	26.279	0
"2014-11-10	01:00:00"	7.0668	224.42	52.283	67.172	0.05702	26.27	0
"2014-11-10	02:00:00"	6.9587	226.64	52.203	70.186	0.09052	26.255	0
"2014-11-10	03:00:00"	4.7504	220.81	47.822	79.123	0.0655	26.24	0
"2014-11-10	04:00:00"	3.7947	231.89	46.258	81.876	0.10154	26.232	0
"2014-11-10	05:00:00"	4.0793	232.78	44.697	84.327	0.07525	26.226	0
"2014-11-10	06:00:00"	4.2297	224.94	44.152	85.568	0.08225	26.22	0
"2014-11-10	07:00:00"	5.8254	223.5	46.607	82.442	0.07568	26.223	0
"2014-11-10	08:00:00"	4.2017	237.89	45.299	84.689	42.918	26.232	0
"2014-11-10	09:00:00"	6.2908	215.38	50.258	76.688	206.04	26.246	0
"2014-11-10	10:00:00"	9.8686	228.82	57.662	61.014	390.77	26.246	0
"2014-11-10	11:00:00"	12.408	237.99	66.086	44.733	543.14	26.24	0
"2014-11-10	12:00:00"	16.698	255.12	72.046	32.218	641.94	26.226	0
"2014-11-10	13:00:00"	18.524	258.87	75.011	26.903	675.74	26.193	0
"2014-11-10	14:00:00"	17.928	256.91	76.9	22.956	643.87	26.172	0
"2014-11-10	15:00:00"	17.248	256.42	77.109	22.238	554.49	26.158	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-10	16:00:00"	17.79	248.95	76.94	22.108	405.95	26.152	0
"2014-11-10	17:00:00"	16.761	246.28	76.293	20.234	238.51	26.143	0
"2014-11-10	18:00:00"	10.709	239.23	72.742	22.758	65.268	26.149	0
"2014-11-10	19:00:00"	7.6615	230.77	65.621	30.606	0.29762	26.155	0
"2014-11-10	20:00:00"	6.4473	239.85	60.27	40.929	0.06041	26.169	0
"2014-11-10	21:00:00"	8.3724	258.33	60.632	38.173	0.0708	26.193	0
"2014-11-10	22:00:00"	7.8672	261.26	61.187	36.116	0.06953	26.217	0
"2014-11-10	23:00:00"	5.0138	248.43	56.548	43.866	0.06232	26.243	0
"2014-11-11	00:00:00"	5.1679	263.17	56.038	44.216	0.09115	26.258	0
"2014-11-11	01:00:00"	20.665	17.435	47.313	49.392	0.07334	26.335	0
"2014-11-11	02:00:00"	20.884	28.159	40.691	51.479	0.08606	26.376	0
"2014-11-11	03:00:00"	19.248	30.352	37.513	52.958	0.0708	26.397	0
"2014-11-11	04:00:00"	18.737	24.549	34.676	53.436	0.07674	26.429	0
"2014-11-11	05:00:00"	15.63	25.249	32.699	54.692	0.09412	26.477	0
"2014-11-11	06:00:00"	13.899	18.268	31.499	56.579	0.07822	26.515	0
"2014-11-11	07:00:00"	12.836	15.078	29.904	57.453	0.08522	26.562	0
"2014-11-11	08:00:00"	12.869	18.143	28.482	59.667	35.164	26.601	0
"2014-11-11	09:00:00"	12.652	17.373	30.116	56.293	201.66	26.615	0
"2014-11-11	10:00:00"	13.945	18.78	31.061	52.529	392.2	26.621	0
"2014-11-11	11:00:00"	12.594	27.919	33.101	47.998	551.06	26.618	0
"2014-11-11	12:00:00"	10.433	37.211	35.857	44.098	656.19	26.601	0
"2014-11-11	13:00:00"	8.3413	41.362	38.185	42.141	696.15	26.577	0
"2014-11-11	14:00:00"	7.0122	45.947	40.723	39.478	667.64	26.553	0
"2014-11-11	15:00:00"	5.3481	81.264	42.742	37.716	575.95	26.536	0
"2014-11-11	16:00:00"	4.4832	100.54	43.95	36.788	426.8	26.53	0
"2014-11-11	17:00:00"	5.2394	100.65	43.694	38.039	240.63	26.53	0
"2014-11-11	18:00:00"	5.5519	98.867	41.845	42.13	63.352	26.533	0
"2014-11-11	19:00:00"	4.3291	79.372	36.888	57.198	0.34701	26.533	0
"2014-11-11	20:00:00"	4.779	79.25	34.367	65.706	0.07123	26.539	0
"2014-11-11	21:00:00"	5.0604	74.953	33.235	68.692	0.07038	26.55	0
"2014-11-11	22:00:00"	6.1578	70	32.899	68.892	0.07928	26.568	0
"2014-11-11	23:00:00"	7.0078	71.807	32.406	67.875	0.10557	26.589	0
"2014-11-12	00:00:00"	9.369	77.54	32.435	61.03	0.08776	26.604	0
"2014-11-12	01:00:00"	11.746	78.043	31.525	53.501	0.11722	26.618	0
"2014-11-12	02:00:00"	11.761	71.333	29.823	53.502	0.09984	26.642	0
"2014-11-12	03:00:00"	13.361	73.305	28.373	53.148	0.09857	26.666	0
"2014-11-12	04:00:00"	9.7015	67.111	26.788	58.299	0.07546	26.68	0
"2014-11-12	05:00:00"	11.58	64.524	25.836	57.488	0.10069	26.689	0
"2014-11-12	06:00:00"	12.687	58.003	25.206	56.871	0.07992	26.692	0
"2014-11-12	07:00:00"	12.855	64.764	24.273	52.378	0.08522	26.71	0
"2014-11-12	08:00:00"	10.6	61.014	23.587	54.471	27.842	26.725	0
"2014-11-12	09:00:00"	11.218	51.947	24.609	50.554	109.73	26.751	0
"2014-11-12	10:00:00"	12.935	47.666	26.712	44.494	380.79	26.763	0
"2014-11-12	11:00:00"	12.363	52.991	28.439	42.6	536.28	26.757	0
"2014-11-12	12:00:00"	12.311	48.726	30.206	41.288	638.47	26.745	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-12	13:00:00"	10.709	57.691	32.054	40.587	699.56	26.719	0
"2014-11-12	14:00:00"	11.118	57.342	32.538	40.287	449.31	26.701	0
"2014-11-12	15:00:00"	11.071	55.114	32.797	41.451	308.19	26.695	0
"2014-11-12	16:00:00"	11.063	43.467	32.895	40.686	248.88	26.704	0
"2014-11-12	17:00:00"	11.123	46.012	32.235	40.635	112.68	26.704	0
"2014-11-12	18:00:00"	11.303	48.099	30.627	41.285	24.723	26.719	0
"2014-11-12	19:00:00"	11.758	48.004	28.865	43.135	0.25077	26.745	0
"2014-11-12	20:00:00"	11.28	46.986	27.741	44.738	0.08394	26.769	0
"2014-11-12	21:00:00"	11.833	48.929	26.689	46.171	0.09815	26.787	0
"2014-11-12	22:00:00"	11.835	53.737	25.852	48.172	0.08946	26.801	0
"2014-11-12	23:00:00"	12.165	50.765	25.394	50.095	0.10726	26.81	0
"2014-11-13	00:00:00"	13.642	47.248	24.277	48.047	0.09052	26.822	0
"2014-11-13	01:00:00"	12.312	44.602	23.413	45.046	0.09391	26.831	0
"2014-11-13	02:00:00"	11.687	42.302	23.002	44.884	0.09094	26.831	0
"2014-11-13	03:00:00"	11.923	36.543	22.454	50.057	0.09179	26.837	0
"2014-11-13	04:00:00"	11.336	36.835	22.06	50.857	0.10239	26.84	0
"2014-11-13	05:00:00"	11.252	36.56	21.545	50.3	0.08267	26.846	0
"2014-11-13	06:00:00"	9.9065	41.236	20.992	51.525	0.07843	26.843	0
"2014-11-13	07:00:00"	8.8738	43.092	20.499	57.003	0.0814	26.849	0
"2014-11-13	08:00:00"	8.5998	46.502	20.267	62.161	7.5647	26.86	0
"2014-11-13	09:00:00"	7.8777	51.164	20.695	63.219	50.421	26.878	0
"2014-11-13	10:00:00"	7.5994	46.038	21.365	62.762	111.11	26.884	0
"2014-11-13	11:00:00"	7.3701	54.271	22.231	62.642	181.16	26.875	0
"2014-11-13	12:00:00"	6.5213	57.305	22.952	63.299	225.22	26.858	0
"2014-11-13	13:00:00"	5.0331	61.935	23.913	61.112	265.09	26.828	0
"2014-11-13	14:00:00"	4.6404	76.207	24.582	58.943	235.65	26.787	0
"2014-11-13	15:00:00"	5.35	68.722	25.478	57.342	242.21	26.775	0
"2014-11-13	16:00:00"	5.3239	78.528	26.016	56.801	192.26	26.742	0
"2014-11-13	17:00:00"	4.8057	92.167	26.121	57.797	93.917	26.734	0
"2014-11-13	18:00:00"	4.4316	97.217	25.901	59.02	18.751	26.734	0
"2014-11-13	19:00:00"	5.5439	95.096	26.12	57.902	0.13185	26.725	0
"2014-11-13	20:00:00"	6.6275	94.832	26.26	55.979	0.0831	26.736	0
"2014-11-13	21:00:00"	6.6251	105.98	26.515	54.931	0.08946	26.719	0
"2014-11-13	22:00:00"	7.572	103.55	26.614	54.108	0.08161	26.713	0
"2014-11-13	23:00:00"	8.5768	114.87	26.76	53.234	0.07843	26.704	0
"2014-11-14	00:00:00"	7.2011	122.39	26.447	53.8	0.09327	26.686	0
"2014-11-14	01:00:00"	4.6634	105.26	24.199	61.973	0.10048	26.68	0
"2014-11-14	02:00:00"	4.7038	98.608	23.301	67.046	0.09497	26.657	0
"2014-11-14	03:00:00"	4.8044	104.62	23.177	66.201	0.10705	26.651	0
"2014-11-14	04:00:00"	5.8508	108.41	22.883	63.009	0.07801	26.627	0
"2014-11-14	05:00:00"	7.4614	118.47	22.748	61.301	0.11553	26.609	0
"2014-11-14	06:00:00"	7.1004	112.54	22.8	59.341	0.09094	26.618	0
"2014-11-14	07:00:00"	6.95	108.8	22.429	60.957	0.08818	26.609	0
"2014-11-14	08:00:00"	6.6437	110.9	22.965	62.182	38.156	26.609	0
"2014-11-14	09:00:00"	8.7638	122.13	25.539	57.098	149.02	26.621	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-14	10:00:00"	9.3336	139.91	29.086	50.597	365.75	26.63	0
"2014-11-14	11:00:00"	9.3119	160.18	32.625	46.624	535.88	26.612	0
"2014-11-14	12:00:00"	8.4245	152.34	36.339	43.626	643.57	26.583	0
"2014-11-14	13:00:00"	9.0341	157.71	39.564	41.793	679.26	26.545	0
"2014-11-14	14:00:00"	9.6785	161.03	42.425	40.272	654.3	26.509	0
"2014-11-14	15:00:00"	9.4896	164.4	44.832	38.812	559.44	26.485	0
"2014-11-14	16:00:00"	9.1839	168.56	46.719	38.132	412.73	26.471	0
"2014-11-14	17:00:00"	8.9751	168.79	46.916	38.872	231.72	26.459	0
"2014-11-14	18:00:00"	6.2547	151.81	45.298	43.449	59.513	26.462	0
"2014-11-14	19:00:00"	5.1164	109.68	40.138	55.068	0.24208	26.462	0
"2014-11-14	20:00:00"	6.0826	115.6	38.836	58.651	0.10917	26.462	0
"2014-11-14	21:00:00"	5.7092	124.07	37.724	62.447	0.08628	26.459	0
"2014-11-14	22:00:00"	5.775	129.59	37.05	68.254	0.09306	26.459	0
"2014-11-14	23:00:00"	4.8939	123.74	35.443	74.094	0.09603	26.441	0
"2014-11-15	00:00:00"	3.9824	131.29	34.346	76.888	0.06699	26.426	0
"2014-11-15	01:00:00"	3.5226	132.51	33.693	77.345	0.09094	26.412	0
"2014-11-15	02:00:00"	2.6371	128.88	32.908	78.437	0.09009	26.4	0
"2014-11-15	03:00:00"	2.6483	125.74	32.507	79.871	0.08776	26.388	0
"2014-11-15	04:00:00"	3.2864	128.68	33.607	78.956	0.09412	26.388	0
"2014-11-15	05:00:00"	5.4886	195.78	34.84	74.036	0.09942	26.388	0
"2014-11-15	06:00:00"	5.6253	206.11	34.601	73.066	0.0708	26.388	0
"2014-11-15	07:00:00"	3.8587	232.04	33.74	76.754	0.09899	26.394	0
"2014-11-15	08:00:00"	5.8651	221.7	33.243	77.205	24.903	26.406	0
"2014-11-15	09:00:00"	7.6323	219.35	36.286	70.863	187.55	26.418	0
"2014-11-15	10:00:00"	9.1776	217.38	42.976	60.369	373.83	26.426	0
"2014-11-15	11:00:00"	9.1615	232.26	50.719	51.015	530.88	26.432	0
"2014-11-15	12:00:00"	8.4637	230.09	59.987	41.768	618.19	26.409	0
"2014-11-15	13:00:00"	11.566	216.25	65.682	37.018	651.99	26.379	0
"2014-11-15	14:00:00"	12.143	216.27	66.426	37.025	570.62	26.353	0
"2014-11-15	15:00:00"	11.671	208.73	65.754	38.163	531.62	26.344	0
"2014-11-15	16:00:00"	10.694	215.72	66.251	38.32	285.28	26.335	0
"2014-11-15	17:00:00"	6.9699	188.55	65.059	39.791	133.62	26.326	0
"2014-11-15	18:00:00"	5.4295	166.9	61.953	44.679	32.22	26.326	0
"2014-11-15	19:00:00"	3.1852	179.84	56.98	49.794	0.20965	26.332	0
"2014-11-15	20:00:00"	4.3471	208.27	54.67	51.48	0.06465	26.341	0
"2014-11-15	21:00:00"	3.5089	240.95	52.808	55.781	0.08649	26.353	0
"2014-11-15	22:00:00"	2.1562	196.42	50.518	59.087	0.09052	26.341	0
"2014-11-15	23:00:00"	3.1659	252.73	49.725	59.733	0.08161	26.338	0
"2014-11-16	00:00:00"	2.3333	240.97	48.143	62.894	0.06911	26.329	0
"2014-11-16	01:00:00"	4.1943	269.22	48.192	63.436	0.10981	26.32	0
"2014-11-16	02:00:00"	10.806	38.499	42.104	65.738	0.08946	26.356	0
"2014-11-16	03:00:00"	14.338	27.652	37.605	62.536	0.08924	26.35	0
"2014-11-16	04:00:00"	16.124	29.646	34.38	63.147	0.09751	26.358	0
"2014-11-16	05:00:00"	16.042	26.205	30.845	65.705	0.07271	26.379	0
"2014-11-16	06:00:00"	16.042	27.939	29.907	69.634	0.08712	26.391	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-16	07:00:00"	15.775	31.083	30.02	72.088	0.09539	26.418	0
"2014-11-16	08:00:00"	15.76	29.075	30.902	71.454	10.72	26.447	0
"2014-11-16	09:00:00"	14.823	31.833	29.646	72.424	42.781	26.459	0
"2014-11-16	10:00:00"	15.14	27.081	27.291	73.625	108.51	26.485	0
"2014-11-16	11:00:00"	13.177	28.638	25.967	75.863	81.058	26.521	0
"2014-11-16	12:00:00"	13.443	18.033	25.453	77.403	125.77	26.521	0
"2014-11-16	13:00:00"	14.346	13.357	25.327	77.85	116.74	26.515	0
"2014-11-16	14:00:00"	14.689	6.7415	24.327	78.741	99.687	26.521	0
"2014-11-16	15:00:00"	11.561	12.789	24.309	78.524	81.59	26.521	0
"2014-11-16	16:00:00"	11.618	7.4278	25.162	75.3	83.262	26.559	0
"2014-11-16	17:00:00"	12.944	357.65	25.004	75.854	54.217	26.583	0
"2014-11-16	18:00:00"	12.565	357.23	24.895	72.017	23.234	26.601	0
"2014-11-16	19:00:00"	10.26	1.0826	23.427	74.69	0.22025	26.639	0
"2014-11-16	20:00:00"	8.7532	358.38	22.592	75.646	0.08204	26.657	0
"2014-11-16	21:00:00"	4.7522	334.58	20.972	79.811	0.06847	26.672	0
"2014-11-16	22:00:00"	4.9946	338.27	20.094	80.773	0.09221	26.68	0
"2014-11-16	23:00:00"	3.2753	304.17	20.078	81.213	0.09645	26.68	0
"2014-11-17	00:00:00"	4.1998	290.75	19.743	81.203	0.08267	26.701	0
"2014-11-17	01:00:00"	3.4064	288.45	20.165	79.698	0.09899	26.713	0
"2014-11-17	02:00:00"	4.7659	302.03	19.215	81.262	0.1062	26.71	0
"2014-11-17	03:00:00"	4.2477	304.23	18.963	81.229	0.09348	26.71	0
"2014-11-17	04:00:00"	6.205	332.77	17.867	82.405	0.09581	26.698	0
"2014-11-17	05:00:00"	6.8469	346.65	18.754	80.347	0.10981	26.707	0
"2014-11-17	06:00:00"	4.6802	344.33	18.489	80.906	0.09772	26.725	0
"2014-11-17	07:00:00"	4.3434	327.26	18.886	80.298	0.12867	26.748	0
"2014-11-17	08:00:00"	3.1323	332.48	18.908	79.824	32.989	26.772	0
"2014-11-17	09:00:00"	5.4929	15.17	23.806	73.826	195.17	26.807	0
"2014-11-17	10:00:00"	7.6342	68.485	29.442	54.965	387.13	26.807	0
"2014-11-17	11:00:00"	8.8949	110.27	32.798	41.403	546.73	26.804	0
"2014-11-17	12:00:00"	7.111	121.59	35.462	33.893	650.62	26.793	0
"2014-11-17	13:00:00"	6.5604	151.96	37.369	30.626	691.16	26.757	0
"2014-11-17	14:00:00"	8.5699	185.78	38.857	26.981	665.23	26.722	0
"2014-11-17	15:00:00"	9.1124	167.62	40.35	23.437	574.4	26.701	0
"2014-11-17	16:00:00"	8.0617	179.9	41.264	22.43	416.3	26.686	0
"2014-11-17	17:00:00"	8.4693	182.81	40.921	22.624	221.47	26.68	0
"2014-11-17	18:00:00"	5.3282	181.34	37.047	27.639	33.708	26.683	0
"2014-11-17	19:00:00"	4.2297	152.23	32.136	38.244	0.12804	26.683	0
"2014-11-17	20:00:00"	4.303	145.91	30.282	44.113	0.07377	26.695	0
"2014-11-17	21:00:00"	4.39	141.12	29.911	45.554	0.10747	26.698	0
"2014-11-17	22:00:00"	4.2545	144.32	28.477	49.384	0.10281	26.707	0
"2014-11-17	23:00:00"	3.3448	154.4	27.306	51.495	0.07907	26.701	0
"2014-11-18	00:00:00"	3.0304	146.48	27.54	49.792	0.09264	26.701	0
"2014-11-18	01:00:00"	3.8332	142.94	28.005	47.561	0.08416	26.689	0
"2014-11-18	02:00:00"	4.5466	134.97	27.842	46.918	0.09433	26.689	0
"2014-11-18	03:00:00"	4.7529	153.56	26.169	53.624	0.06911	26.683	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-18	04:00:00"	4.147	157.22	24.584	57.735	0.08416	26.683	0
"2014-11-18	05:00:00"	3.6307	170.79	25.003	55.962	0.11341	26.683	0
"2014-11-18	06:00:00"	2.5563	153.69	25.192	55.041	0.09539	26.698	0
"2014-11-18	07:00:00"	3.4169	88.938	24.962	56.596	0.06826	26.695	0
"2014-11-18	08:00:00"	2.5222	87.979	25.073	56.817	31.253	26.713	0
"2014-11-18	09:00:00"	4.4223	141.35	29.974	54.821	190.99	26.725	0
"2014-11-18	10:00:00"	10.092	191.66	35.393	44.934	380.46	26.739	0
"2014-11-18	11:00:00"	9.986	195.76	39.4	36.456	539.89	26.736	0
"2014-11-18	12:00:00"	9.7257	201.61	43.042	31.821	645.83	26.725	0
"2014-11-18	13:00:00"	8.8887	219.89	46.013	27.956	687.85	26.692	0
"2014-11-18	14:00:00"	7.8808	220.87	48.458	26.534	661.43	26.674	0
"2014-11-18	15:00:00"	8.2605	213.39	50.494	24.972	569.86	26.66	0
"2014-11-18	16:00:00"	8.4345	212.21	51.207	24.222	421.91	26.639	0
"2014-11-18	17:00:00"	8.9366	200.25	51.044	23.684	236.53	26.633	0
"2014-11-18	18:00:00"	6.2	195.37	47.586	27.299	60.528	26.624	0
"2014-11-18	19:00:00"	5.6054	188.19	40.485	35.787	0.14627	26.621	0
"2014-11-18	20:00:00"	5.8061	191.11	37.81	39.918	0.11277	26.627	0
"2014-11-18	21:00:00"	5.6352	205.53	35.334	45.891	0.09136	26.627	0
"2014-11-18	22:00:00"	4.0868	219.97	33.832	49.453	0.0744	26.63	0
"2014-11-18	23:00:00"	3.6437	223.46	33.57	50.485	0.08903	26.63	0
"2014-11-19	00:00:00"	4.3844	234.22	32.534	55.476	0.09624	26.609	0
"2014-11-19	01:00:00"	4.5186	243.08	30.61	64.499	0.10641	26.595	0
"2014-11-19	02:00:00"	4.6447	251.03	29.479	67.839	0.07356	26.589	0
"2014-11-19	03:00:00"	3.3306	229.79	27.348	72.95	0.09497	26.574	0
"2014-11-19	04:00:00"	4.1011	257.41	27.297	74.741	0.10005	26.574	0
"2014-11-19	05:00:00"	3.338	258.56	28.699	71.071	0.09412	26.574	0
"2014-11-19	06:00:00"	3.1591	246.42	28.024	71.548	0.09094	26.571	0
"2014-11-19	07:00:00"	3.6649	292.36	28.667	70.18	0.07631	26.589	0
"2014-11-19	08:00:00"	3.2224	260.69	27.747	71.703	30.865	26.607	0
"2014-11-19	09:00:00"	3.8028	242.49	31.277	67.792	191.01	26.615	0
"2014-11-19	10:00:00"	3.054	258.63	40.39	48.628	381.08	26.639	0
"2014-11-19	11:00:00"	4.436	247.7	49.056	31.096	537.26	26.636	0
"2014-11-19	12:00:00"	5.9757	284.48	55.227	25.346	643.13	26.612	0
"2014-11-19	13:00:00"	5.9074	296.37	61.358	16.587	688.99	26.58	0
"2014-11-19	14:00:00"	6.3088	256.33	64.524	12.586	652.77	26.55	0
"2014-11-19	15:00:00"	5.3494	242.63	65.998	12.157	567.74	26.539	0
"2014-11-19	16:00:00"	5.9726	221.43	66.271	12.349	423.42	26.524	0
"2014-11-19	17:00:00"	7.6522	183.77	64.059	15.002	206	26.521	0
"2014-11-19	18:00:00"	4.8579	152.82	58.818	17.125	44.355	26.524	0
"2014-11-19	19:00:00"	4.5018	120.27	53.032	22.143	0.18803	26.515	0
"2014-11-19	20:00:00"	4.6429	129.68	50.985	24.712	0.08288	26.512	0
"2014-11-19	21:00:00"	4.9206	130.81	49.678	27.204	0.08585	26.512	0
"2014-11-19	22:00:00"	5.6619	144.25	46.967	31.614	0.08946	26.515	0
"2014-11-19	23:00:00"	3.4536	214.41	43.883	37.046	0.08161	26.527	0
"2014-11-20	00:00:00"	2.8533	212.51	43.25	42.26	0.08352	26.512	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-20	01:00:00"	3.1274	190.66	39.708	53.646	0.07758	26.488	0
"2014-11-20	02:00:00"	3.791	237.29	38.831	60.873	0.09115	26.48	0
"2014-11-20	03:00:00"	3.9376	227.18	37.801	65.856	0.07165	26.465	0
"2014-11-20	04:00:00"	4.0557	244.81	37.007	68.672	0.08161	26.453	0
"2014-11-20	05:00:00"	3.3635	229.68	37.207	68.593	0.06741	26.441	0
"2014-11-20	06:00:00"	2.9142	233.15	35.615	71.758	0.09624	26.438	0
"2014-11-20	07:00:00"	3.6481	227.63	34.444	73.751	0.08479	26.444	0
"2014-11-20	08:00:00"	2.8378	247.67	32.534	78.908	28.392	26.462	0
"2014-11-20	09:00:00"	3.5045	230.64	35.761	75.289	184.02	26.471	0
"2014-11-20	10:00:00"	5.4774	227.21	45.956	53.143	369.9	26.477	0
"2014-11-20	11:00:00"	7.019	233.33	52.46	38.053	529.52	26.474	0
"2014-11-20	12:00:00"	8.0784	237.9	59.627	26.622	631.63	26.459	0
"2014-11-20	13:00:00"	8.3382	238.76	65.875	15.959	671.2	26.429	0
"2014-11-20	14:00:00"	8.048	238.69	68.754	12.141	646.4	26.409	0
"2014-11-20	15:00:00"	7.2725	239.9	69.863	10.347	547.5	26.397	0
"2014-11-20	16:00:00"	6.8699	244.92	70.46	9.6536	409.28	26.394	0
"2014-11-20	17:00:00"	6.4461	235.49	69.45	9.5667	229.03	26.394	0
"2014-11-20	18:00:00"	2.5427	208.48	64.604	11.828	56.774	26.394	0
"2014-11-20	19:00:00"	1.8722	139.31	55.631	17.877	0.14584	26.403	0
"2014-11-20	20:00:00"	4.1626	159.66	52.833	22.982	0.07207	26.412	0
"2014-11-20	21:00:00"	4.3869	192.08	52.105	25.169	0.07886	26.423	0
"2014-11-20	22:00:00"	2.2326	221.92	50.293	26.86	0.07568	26.426	0
"2014-11-20	23:00:00"	2.3979	235.06	48.041	30.064	0.07144	26.423	0
"2014-11-21	00:00:00"	2.245	264.36	46.728	32.268	0.08776	26.42	0
"2014-11-21	01:00:00"	2.9671	186.39	43.865	38.771	0.06699	26.42	0
"2014-11-21	02:00:00"	4.7647	217.64	42.453	51.79	0.08098	26.423	0
"2014-11-21	03:00:00"	3.8997	269.94	39.666	62.673	0.07165	26.426	0
"2014-11-21	04:00:00"	3.2926	248.4	39.78	67.101	0.05787	26.429	0
"2014-11-21	05:00:00"	2.7881	229.63	38.274	65.623	0.08649	26.432	0
"2014-11-21	06:00:00"	3.1802	31.761	39.204	55.919	0.07525	26.444	0
"2014-11-21	07:00:00"	2.6812	113.18	41.429	43.656	0.07695	26.45	0
"2014-11-21	08:00:00"	2.4227	343.48	39.389	49.398	24.551	26.459	0
"2014-11-21	09:00:00"	1.4584	10.938	40.929	55.164	126.7	26.471	0
"2014-11-21	10:00:00"	1.61	4.2188	53.318	30.533	372.12	26.48	0
"2014-11-21	11:00:00"	4.5484	207.8	61.179	24.529	495.9	26.491	0
"2014-11-21	12:00:00"	6.648	172.18	61.185	33.416	614.31	26.468	0
"2014-11-21	13:00:00"	5.5948	180.67	64.538	24.981	660.55	26.441	0
"2014-11-21	14:00:00"	6.1833	196.17	67.624	19.683	631.32	26.409	0
"2014-11-21	15:00:00"	7.0482	181.72	69.161	18.418	543.25	26.4	0
"2014-11-21	16:00:00"	6.7239	164.84	69.516	18.716	361.34	26.394	0
"2014-11-21	17:00:00"	7.0035	143.16	67.733	21.309	143.1	26.403	0
"2014-11-21	18:00:00"	6.0292	115.9	63.818	28.982	64.973	26.4	0
"2014-11-21	19:00:00"	5.4948	97.151	57.351	41.716	0.08755	26.409	0
"2014-11-21	20:00:00"	5.7396	94.508	53.605	56.354	0.06338	26.423	0
"2014-11-21	21:00:00"	5.8564	124.03	52.85	65.904	0.0797	26.429	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-21	22:00:00"	4.3017	144.4	53.63	72.284	0.06211	26.438	0
"2014-11-21	23:00:00"	2.6359	110.44	53.556	76.128	0.05639	26.441	0
"2014-11-22	00:00:00"	5.6414	138.57	55.643	79.632	0.10896	26.438	0
"2014-11-22	01:00:00"	7.9287	149.32	56.239	81.135	0.08861	26.42	0
"2014-11-22	02:00:00"	6.223	148.1	55.94	83.401	0.08479	26.415	0
"2014-11-22	03:00:00"	5.222	154.72	56.171	84.787	0.08712	26.415	0
"2014-11-22	04:00:00"	4.4055	130.04	55.943	85.344	0.09857	26.412	0
"2014-11-22	05:00:00"	1.4901	133.32	54.622	88.005	0.09158	26.403	0
"2014-11-22	06:00:00"	3.7692	48.775	53.64	89.118	0.08267	26.397	0
"2014-11-22	07:00:00"	3.9743	38.023	53.926	88.409	0.07822	26.42	0
"2014-11-22	08:00:00"	3.3672	335.12	53.909	87.856	4.6169	26.423	0
"2014-11-22	09:00:00"	4.8436	9.7344	53.963	88.055	22.491	26.406	0
"2014-11-22	10:00:00"	6.0087	359.64	55.448	86.212	258.38	26.388	0
"2014-11-22	11:00:00"	5.2636	330.4	59.373	74.17	452.83	26.409	0
"2014-11-22	12:00:00"	3.7605	156.73	62.449	63.34	514.98	26.376	0
"2014-11-22	13:00:00"	5.7272	269.73	64.869	54.23	622.87	26.317	0
"2014-11-22	14:00:00"	6.3572	261.31	67.233	47.8	596.78	26.296	0
"2014-11-22	15:00:00"	6.4045	290.33	68.737	40.719	492.98	26.267	0
"2014-11-22	16:00:00"	8.4749	299.72	69.9	31.071	354.25	26.255	0
"2014-11-22	17:00:00"	11.613	286.17	68.898	26.033	211.44	26.258	0
"2014-11-22	18:00:00"	6.1019	287.34	65.255	27.006	47.746	26.264	0
"2014-11-22	19:00:00"	2.4426	253.4	59	34.179	0.10981	26.258	0
"2014-11-22	20:00:00"	3.2927	266.4	55.614	39.021	0.08797	26.255	0
"2014-11-22	21:00:00"	3.8016	247.53	52.186	43.064	0.06868	26.258	0
"2014-11-22	22:00:00"	7.5913	261.57	54.375	36.255	0.07864	26.249	0
"2014-11-22	23:00:00"	7.7914	273.79	53.856	36.607	0.07758	26.246	0
"2014-11-23	00:00:00"	3.8444	251.39	48.948	43.69	0.06465	26.211	0
"2014-11-23	01:00:00"	4.2054	228.92	44.15	52.396	0.09666	26.178	0
"2014-11-23	02:00:00"	3.5344	247.47	43.291	56.022	0.06571	26.152	0
"2014-11-23	03:00:00"	3.2721	250.09	42.017	57.521	0.07504	26.134	0
"2014-11-23	04:00:00"	6.2386	267.9	47.29	42.633	0.06317	26.131	0
"2014-11-23	05:00:00"	7.3272	280.52	48.124	39.043	0.05957	26.122	0
"2014-11-23	06:00:00"	6.8152	267.65	48.927	34.817	0.06593	26.137	0
"2014-11-23	07:00:00"	4.8927	287.96	46.221	39.239	0.05872	26.146	0
"2014-11-23	08:00:00"	7.4689	288.85	47.443	35.73	22.044	26.169	0
"2014-11-23	09:00:00"	11.251	288.8	51.662	29.923	166.65	26.187	0
"2014-11-23	10:00:00"	13.479	275.42	57.522	24.082	346.22	26.193	0
"2014-11-23	11:00:00"	16.953	285.79	62.032	21.006	503.15	26.196	0
"2014-11-23	12:00:00"	16.358	293.86	64.337	19.933	606.88	26.181	0
"2014-11-23	13:00:00"	18.132	300.47	65.762	20.071	644.81	26.158	0
"2014-11-23	14:00:00"	19.881	299.53	67.23	18.67	612.77	26.134	0
"2014-11-23	15:00:00"	20.565	293.73	67.317	18.053	522.76	26.137	0
"2014-11-23	16:00:00"	20.674	302.42	65.971	19.516	378.31	26.152	0
"2014-11-23	17:00:00"	23.235	324.42	62.517	22.082	202.23	26.196	0
"2014-11-23	18:00:00"	21.75	3.2235	54.006	34.686	42.126	26.264	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-23	19:00:00"	20.75	17.425	45.667	48.935	0.07589	26.326	0
"2014-11-23	20:00:00"	14.349	24.98	42.206	54.897	0.08649	26.353	0
"2014-11-23	21:00:00"	10.625	11.042	40.483	59.031	0.08691	26.379	0
"2014-11-23	22:00:00"	8.4718	349.12	38.865	61.742	0.08437	26.391	0
"2014-11-23	23:00:00"	4.9337	317.98	37.149	65.642	0.09391	26.412	0
"2014-11-24	00:00:00"	4.308	294.8	36.068	66.407	0.09221	26.426	0
"2014-11-24	01:00:00"	4.1856	334.2	34.32	68.933	0.08628	26.438	0
"2014-11-24	02:00:00"	3.6232	258.88	34.068	67.785	0.09264	26.441	0
"2014-11-24	03:00:00"	2.9863	261.75	31.532	75.234	0.07101	26.459	0
"2014-11-24	04:00:00"	3.8022	260.69	30.906	78.394	0.09942	26.459	0
"2014-11-24	05:00:00"	2.4905	220.44	29.292	82.95	0.0814	26.456	0
"2014-11-24	06:00:00"	3.8488	279.32	29.517	84.684	0.092	26.456	0
"2014-11-24	07:00:00"	3.6226	284.01	32.054	78.173	0.08946	26.468	0
"2014-11-24	08:00:00"	5.7042	297.17	31.497	76.056	20.007	26.48	0
"2014-11-24	09:00:00"	9.9618	313.59	34.594	62.771	170	26.512	0
"2014-11-24	10:00:00"	12.126	326.33	40.609	43.693	356.63	26.527	0
"2014-11-24	11:00:00"	13.935	335.26	46.924	28.233	493.77	26.527	0
"2014-11-24	12:00:00"	12.604	343.55	49.884	23.436	618.88	26.506	0
"2014-11-24	13:00:00"	11.082	310.33	51.63	18.479	670.49	26.483	0
"2014-11-24	14:00:00"	9.1012	304.93	52.209	16.126	647.72	26.465	0
"2014-11-24	15:00:00"	9.4796	309.88	53.724	14.45	536.98	26.456	0
"2014-11-24	16:00:00"	9.6791	309.02	54.813	13.704	408.01	26.444	0
"2014-11-24	17:00:00"	6.3579	313.94	55.242	12.418	224.81	26.444	0
"2014-11-24	18:00:00"	4.7914	333.28	52.25	14.41	54.249	26.462	0
"2014-11-24	19:00:00"	2.9447	316.82	46.367	18.788	0.13715	26.483	0
"2014-11-24	20:00:00"	7.0314	329.24	46.269	20.774	0.06614	26.515	0
"2014-11-24	21:00:00"	5.1555	327.9	45.836	23.258	0.05893	26.536	0
"2014-11-24	22:00:00"	3.8152	321.99	40.567	30.002	0.08267	26.553	0
"2014-11-24	23:00:00"	5.5085	344.48	36.378	37.325	0.08522	26.574	0
"2014-11-25	00:00:00"	8.4264	357.56	37.398	36.246	0.07123	26.589	0
"2014-11-25	01:00:00"	9.7015	11.101	35.895	39.419	0.10959	26.612	0
"2014-11-25	02:00:00"	10.862	7.8052	35.694	41.107	0.08882	26.636	0
"2014-11-25	03:00:00"	11.36	5.5859	35.007	38.384	0.11108	26.663	0
"2014-11-25	04:00:00"	12.396	3.3482	33.78	34.559	0.09793	26.68	0
"2014-11-25	05:00:00"	13.276	6.5398	33.075	42.258	0.08564	26.704	0
"2014-11-25	06:00:00"	11.38	10.125	31.846	50.431	0.08246	26.719	0
"2014-11-25	07:00:00"	10.532	7.2194	30.696	54.523	0.11383	26.739	0
"2014-11-25	08:00:00"	8.8384	7.8115	30.396	56.769	21.601	26.754	0
"2014-11-25	09:00:00"	9.0279	11.232	34.417	50.561	168.83	26.772	0
"2014-11-25	10:00:00"	7.0892	354.53	40.353	42.966	353.82	26.787	0
"2014-11-25	11:00:00"	4.8958	293.3	44.118	37.561	510.97	26.781	0
"2014-11-25	12:00:00"	5.5737	273.51	46.683	32.841	618.17	26.751	0
"2014-11-25	13:00:00"	9.3485	236.63	49.272	26.628	662.14	26.71	0
"2014-11-25	14:00:00"	12.073	242.94	51.921	21.545	636.89	26.654	0
"2014-11-25	15:00:00"	14.98	241.22	52.891	19.674	547.18	26.621	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-25	16:00:00"	16.137	236.6	52.954	20.177	400.45	26.595	0
"2014-11-25	17:00:00"	15.779	224.86	52.581	20.827	220.04	26.577	0
"2014-11-25	18:00:00"	9.4653	227.99	51.28	18.657	53.026	26.574	0
"2014-11-25	19:00:00"	3.8786	227.6	43.87	24.02	0.11002	26.562	0
"2014-11-25	20:00:00"	3.6854	241.24	40.628	29.81	0.08076	26.55	0
"2014-11-25	21:00:00"	2.8279	254.45	39.056	33.117	0.07398	26.545	0
"2014-11-25	22:00:00"	4.6143	247.68	39.959	31.098	0.07864	26.536	0
"2014-11-25	23:00:00"	5.9707	260.51	38.915	32.503	0.09412	26.545	0
"2014-11-26	00:00:00"	3.2634	234.61	36.67	35.838	0.08437	26.547	0
"2014-11-26	00:00:00"	4.2502	246	36.68	36.2	0	26.547	0
"2014-11-26	01:00:00"	4.403	252.23	36.986	35.661	0.11065	26.542	0
"2014-11-26	02:00:00"	6.1323	264.23	38.51	33.518	0.09454	26.533	0
"2014-11-26	03:00:00"	6.3479	265.86	41.584	27.993	0.08564	26.542	0
"2014-11-26	04:00:00"	6.1522	286.4	40.722	29.209	0.08161	26.55	0
"2014-11-26	05:00:00"	4.9511	272.56	40.012	30.094	0.07907	26.556	0
"2014-11-26	06:00:00"	9.4535	308.21	42.072	27.177	0.0778	26.562	0
"2014-11-26	07:00:00"	8.3798	291.69	42.056	27.234	0.06868	26.586	0
"2014-11-26	08:00:00"	3.1336	266.7	35.815	36.23	20.398	26.615	0
"2014-11-26	09:00:00"	2.9782	228.12	39.449	35.368	163.15	26.642	0
"2014-11-26	10:00:00"	4.129	271.12	48.781	27.533	342.89	26.68	0
"2014-11-26	11:00:00"	12.247	9.0997	56.77	23.359	499.31	26.701	0
"2014-11-26	12:00:00"	12.617	14.387	56.506	23.588	605.18	26.692	0
"2014-11-26	13:00:00"	9.2559	21.057	56.718	26.08	647.02	26.669	0
"2014-11-26	14:00:00"	6.6511	40.389	57.601	27.309	622.79	26.654	0
"2014-11-26	15:00:00"	3.9041	2.451	59.056	26.345	534.9	26.651	0
"2014-11-26	16:00:00"	3.6791	16.05	60.192	25.974	391.99	26.657	0
"2014-11-26	17:00:00"	5.4563	92.046	59.626	27.554	215.5	26.663	0
"2014-11-26	18:00:00"	4.5857	85.388	55.616	31.892	49.783	26.672	0
"2014-11-26	19:00:00"	5.7806	80.331	48.043	41.059	0.12274	26.689	0
"2014-11-26	20:00:00"	6.7798	74.587	45.245	45.661	0.07674	26.701	0
"2014-11-26	21:00:00"	6.7698	72.555	42.154	52.578	0.07992	26.716	0
"2014-11-26	22:00:00"	7.1482	74.014	41.281	54.836	0.06932	26.728	0
"2014-11-26	23:00:00"	6.4268	69.415	40.311	56.952	0.0797	26.745	0
"2014-11-27	00:00:00"	5.967	63.714	38.518	61.216	0.09793	26.763	0
"2014-11-27	01:00:00"	5.9919	48.945	34.781	69.414	0.08394	26.775	0
"2014-11-27	02:00:00"	6.1845	44.506	34.045	72.861	0.09052	26.784	0
"2014-11-27	03:00:00"	6.1093	43.461	32.609	77.351	0.09115	26.787	0
"2014-11-27	04:00:00"	5.8713	64.895	34.208	75.943	0.08628	26.79	0
"2014-11-27	05:00:00"	5.3345	87.332	35.337	75.57	0.10217	26.796	0
"2014-11-27	06:00:00"	5.5327	46.434	32.646	78.764	0.09921	26.801	0
"2014-11-27	07:00:00"	5.3836	36.905	30.244	82.83	0.10408	26.819	0
"2014-11-27	08:00:00"	5.8427	43.983	30.486	83.581	18.027	26.837	0
"2014-11-27	09:00:00"	6.1478	61.789	35.21	78.498	156.92	26.846	0
"2014-11-27	10:00:00"	10.716	135.26	44.002	60.26	337.39	26.852	0
"2014-11-27	11:00:00"	10.786	145.24	49.308	47.915	493.15	26.846	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-27	12:00:00"	9.1913	156.81	52.878	41.254	597.69	26.822	0
"2014-11-27	13:00:00"	7.7559	171.04	55.889	36.953	640.66	26.79	0
"2014-11-27	14:00:00"	8.7141	173.08	58.599	32.119	619.25	26.754	0
"2014-11-27	15:00:00"	9.4225	177.98	60.431	29.63	533.4	26.734	0
"2014-11-27	16:00:00"	9.1049	183.36	61.427	27.528	392.45	26.722	0
"2014-11-27	17:00:00"	8.706	183.22	60.895	26.931	216.43	26.713	0
"2014-11-27	18:00:00"	5.304	181.28	57.086	29.977	51.638	26.71	0
"2014-11-27	19:00:00"	4.6547	160.82	50.324	37.631	0.12613	26.71	0
"2014-11-27	20:00:00"	3.6139	148.32	46.778	43.966	0.06741	26.71	0
"2014-11-27	21:00:00"	3.9967	144.83	46.228	46.217	0.07356	26.701	0
"2014-11-27	22:00:00"	4.1675	168.88	44.987	48.205	0.07313	26.692	0
"2014-11-27	23:00:00"	4.1737	176.53	41.818	54.109	0.07123	26.68	0
"2014-11-28	00:00:00"	4.4819	211.49	40.985	57.492	0.08797	26.669	0
"2014-11-28	01:00:00"	4.9169	211.56	41.051	60.123	0.09136	26.657	0
"2014-11-28	02:00:00"	4.2458	217.61	37.952	66.6	0.08098	26.636	0
"2014-11-28	03:00:00"	4.5279	225.29	36.25	71.326	0.08437	26.63	0
"2014-11-28	04:00:00"	3.9153	228.58	36.835	71.675	0.09687	26.618	0
"2014-11-28	05:00:00"	2.616	249	37.263	73.049	0.09497	26.604	0
"2014-11-28	06:00:00"	3.3436	233.77	36.121	75.76	0.08988	26.589	0
"2014-11-28	07:00:00"	4.2794	228.95	33.366	81.849	0.08967	26.583	0
"2014-11-28	08:00:00"	3.3194	258.7	33.989	82.673	18.616	26.586	0
"2014-11-28	09:00:00"	4.2576	244.59	38.219	76.701	159.25	26.595	0
"2014-11-28	10:00:00"	6.4629	224.65	44.423	61.731	341.47	26.604	0
"2014-11-28	11:00:00"	7.5857	219.16	52.191	44.493	497.07	26.589	0
"2014-11-28	12:00:00"	8.3108	219.15	59.468	31.881	590.89	26.565	0
"2014-11-28	13:00:00"	8.2667	222.52	64.627	24.261	640.97	26.527	0
"2014-11-28	14:00:00"	11.259	220.91	68.29	20.181	625.95	26.497	0
"2014-11-28	15:00:00"	12.532	220.81	71.371	16.662	528.77	26.48	0
"2014-11-28	16:00:00"	12.53	218.67	72.725	15.077	396.43	26.465	0
"2014-11-28	17:00:00"	11.462	217.01	72.67	14.036	219.37	26.459	0
"2014-11-28	18:00:00"	5.8757	205.12	67.037	16.897	51.883	26.459	0
"2014-11-28	19:00:00"	5.9353	196.79	58.072	23.151	0.08649	26.453	0
"2014-11-28	20:00:00"	5.7284	195.16	54.137	26.097	0.07377	26.453	0
"2014-11-28	21:00:00"	3.1386	209.03	50.49	28.066	0.08882	26.444	0
"2014-11-28	22:00:00"	6.113	190.11	48.941	31.351	0.06423	26.441	0
"2014-11-28	23:00:00"	6.3026	196.17	47.372	33.947	0.07674	26.435	0
"2014-11-29	00:00:00"	5.442	201.39	43.637	39.708	0.08373	26.426	0
"2014-11-29	01:00:00"	8.1238	198.49	43.892	40.402	0.07568	26.418	0
"2014-11-29	02:00:00"	7.8094	195.82	41.212	51.256	0.10769	26.403	0
"2014-11-29	03:00:00"	5.0679	233.82	40.529	56.391	0.08204	26.403	0
"2014-11-29	04:00:00"	3.7798	262.9	38.45	59.327	0.0708	26.394	0
"2014-11-29	05:00:00"	4.651	250.29	37.638	62.929	0.10027	26.382	0
"2014-11-29	06:00:00"	3.8823	239.96	36.415	66.902	0.06169	26.379	0
"2014-11-29	07:00:00"	2.1263	239.59	36.41	67.937	0.08691	26.388	0
"2014-11-29	08:00:00"	1.9847	232.15	35.772	69.036	18.29	26.397	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-11-29	09:00:00"	3.6195	208.01	38.554	68.776	161.56	26.403	0
"2014-11-29	10:00:00"	7.7323	221.14	47.783	48.108	346	26.412	0
"2014-11-29	11:00:00"	8.8104	225.85	54.4	34.4	504.65	26.412	0
"2014-11-29	12:00:00"	8.3568	225.39	61.276	26.805	610.6	26.394	0
"2014-11-29	13:00:00"	9.3467	222.51	68.203	18.074	653.85	26.361	0
"2014-11-29	14:00:00"	10.239	207.34	71.115	15.628	631.07	26.338	0
"2014-11-29	15:00:00"	10.194	207.71	72.502	14.065	543.05	26.326	0
"2014-11-29	16:00:00"	9.4703	210.4	74.036	13.049	397.49	26.32	0
"2014-11-29	17:00:00"	8.7458	199.23	73.535	12.885	218.94	26.32	0
"2014-11-29	18:00:00"	5.5519	188.7	67.672	15.905	51.35	26.323	0
"2014-11-29	19:00:00"	4.7423	167.02	59.444	21.152	0.14839	26.329	0
"2014-11-29	20:00:00"	4.477	176.63	57.103	22.477	0.06487	26.335	0
"2014-11-29	21:00:00"	3.4001	188.06	54.204	25.898	0.07186	26.35	0
"2014-11-29	22:00:00"	2.0909	201.32	51.07	29.945	0.0831	26.353	0
"2014-11-29	23:00:00"	2.6483	190.56	48.318	33.664	0.08628	26.364	0
"2014-11-30	00:00:00"	3.4057	172.38	44.994	38.613	0.06593	26.364	0
"2014-11-30	01:00:00"	3.6356	169.38	43.943	39.939	0.06932	26.358	0
"2014-11-30	02:00:00"	2.222	220.52	45.399	36.705	0.09603	26.361	0
"2014-11-30	03:00:00"	2.4041	193.44	42.496	39.595	0.0867	26.367	0
"2014-11-30	04:00:00"	3.197	252.71	41.986	41.227	0.07758	26.364	0
"2014-11-30	05:00:00"	3.4001	215.75	40.723	43.928	0.09603	26.367	0
"2014-11-30	06:00:00"	2.5613	226.29	37.98	48.804	0.08755	26.376	0
"2014-11-30	07:00:00"	2.9397	237.55	36.381	54.131	0.09221	26.397	0
"2014-11-30	08:00:00"	1.4043	205.63	36.659	58.71	18.329	26.42	0
"2014-11-30	09:00:00"	1.7218	246.57	42.44	46.779	144.76	26.447	0
"2014-11-30	10:00:00"	4.2558	245.39	52.716	32.16	340.34	26.474	0
"2014-11-30	11:00:00"	6.6965	264.03	62.548	22.364	498.96	26.488	0
"2014-11-30	12:00:00"	8.8788	276.15	70.241	15.589	604.95	26.477	0
"2014-11-30	13:00:00"	9.3641	274.2	72.272	13.799	646.87	26.447	0
"2014-11-30	14:00:00"	8.7626	270.66	74.281	11.963	625.91	26.426	0
"2014-11-30	15:00:00"	8.3028	256.41	75.683	10.382	539.67	26.42	0
"2014-11-30	16:00:00"	6.5623	243.2	76.105	10.084	396.35	26.423	0
"2014-11-30	17:00:00"	6.9767	235.66	75.423	10.649	220.02	26.438	0
"2014-11-30	18:00:00"	3.0143	225.32	68.765	13.912	27.481	26.45	0
"2014-11-30	19:00:00"	2.7949	176.36	61.13	19.088	0.0744	26.471	0
"2014-11-30	20:00:00"	4.8871	154.75	58.232	21.275	0.05321	26.477	0
"2014-11-30	21:00:00"	5.3382	156.47	56.874	22.41	0.05957	26.497	0
"2014-11-30	22:00:00"	1.9785	220.36	54.395	25.024	0.0761	26.506	0
"2014-11-30	23:00:00"	2.1344	263.56	54.933	24.826	0.09603	26.512	0
"2014-12-01	00:00:00"	2.6719	64.621	52.385	27.17	0.06275	26.518	0
"2014-12-01	01:00:00"	3.4641	142.28	45.72	36.728	0.07292	26.547	0
"2014-12-01	02:00:00"	13.312	46.255	44.137	42.02	0.09094	26.592	0
"2014-12-01	03:00:00"	18.529	44.414	37.163	53.32	0.09603	26.627	0
"2014-12-01	04:00:00"	19.356	39.67	32.076	55.795	0.07801	26.666	0
"2014-12-01	05:00:00"	20.154	35.982	27.383	53.259	0.08373	26.689	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-01	06:00:00"	20.057	34.388	23.861	48.314	0.0831	26.728	0
"2014-12-01	07:00:00"	16.863	31.253	22.158	45.774	0.10175	26.76	0
"2014-12-01	08:00:00"	14.695	26.917	21.363	45.709	10.705	26.813	0
"2014-12-01	09:00:00"	13.718	24.209	22.101	44.062	147.27	26.843	0
"2014-12-01	10:00:00"	12.949	15.721	24.094	40.183	329.32	26.881	0
"2014-12-01	11:00:00"	13.245	6.0613	26.095	35.966	488.94	26.884	0
"2014-12-01	12:00:00"	10.634	6.405	29.305	32.617	595.25	26.855	0
"2014-12-01	13:00:00"	9.1733	7.6137	32.181	30.252	601.27	26.816	0
"2014-12-01	14:00:00"	7.1781	352.5	34.796	28.952	603.91	26.793	0
"2014-12-01	15:00:00"	6.2007	11.017	37.257	27.993	483.97	26.787	0
"2014-12-01	16:00:00"	5.0499	6.2135	38.379	27.334	288	26.766	0
"2014-12-01	17:00:00"	5.209	8.2973	38.27	27.895	145.37	26.766	0
"2014-12-01	18:00:00"	3.8208	17.06	37.021	29.821	35.271	26.757	0
"2014-12-01	19:00:00"	3.1398	54.976	35.219	31.653	0.1751	26.76	0
"2014-12-01	20:00:00"	3.1472	61.529	34.06	32.539	0.09136	26.757	0
"2014-12-01	21:00:00"	3.553	112.5	32.136	35.974	0.07334	26.76	0
"2014-12-01	22:00:00"	4.0464	94.925	30.428	39.593	0.09857	26.772	0
"2014-12-01	23:00:00"	3.8848	114.21	29.35	41.861	0.07525	26.757	0
"2014-12-02	00:00:00"	4.2073	123.01	27.889	44.644	0.0867	26.751	0
"2014-12-02	01:00:00"	3.86	130	27.016	46.416	0.11023	26.704	0
"2014-12-02	02:00:00"	2.7937	190.55	26.322	48.243	0.06402	26.704	0
"2014-12-02	03:00:00"	1.431	294.01	26.18	50.307	0.08013	26.674	0
"2014-12-02	04:00:00"	0.72203	191.59	25.53	50.908	0.085	26.672	0
"2014-12-02	05:00:00"	2.1891	192.78	25.69	50.54	0.08394	26.633	0
"2014-12-02	06:00:00"	1.9306	216.11	26.478	49.438	0.08882	26.624	0
"2014-12-02	07:00:00"	3.2647	179.19	26.59	52.238	0.07928	26.624	0
"2014-12-02	08:00:00"	4.1172	162.2	26.873	51.493	12.551	26.618	0
"2014-12-02	09:00:00"	5.9322	187.32	31.014	45.483	139.88	26.615	0
"2014-12-02	10:00:00"	8.3096	191.66	36.051	42.55	251.95	26.624	0
"2014-12-02	11:00:00"	6.7425	194.04	38.681	47.065	324.1	26.633	0
"2014-12-02	12:00:00"	6.8289	220.4	43.259	42.493	643.06	26.609	0
"2014-12-02	13:00:00"	5.4333	222.6	47.416	37.064	638.78	26.565	0
"2014-12-02	14:00:00"	5.0101	198	49.762	35.444	412.55	26.533	0
"2014-12-02	15:00:00"	6.8668	180.1	53.213	33.537	415.53	26.521	0
"2014-12-02	16:00:00"	7.014	186.4	54.939	35.035	333.67	26.491	0
"2014-12-02	17:00:00"	6.9693	184.93	55.803	35.851	221.3	26.488	0
"2014-12-02	18:00:00"	4.0153	199.5	53.156	39.151	40.986	26.485	0
"2014-12-02	19:00:00"	2.5029	181.78	48.633	46.546	0.11214	26.494	0
"2014-12-02	20:00:00"	3.9165	183.68	46.804	52.62	0.07674	26.5	0
"2014-12-02	21:00:00"	2.7806	217.09	44.942	57.964	0.05957	26.491	0
"2014-12-02	22:00:00"	1.9089	196.43	45.149	57.119	0.10027	26.485	0
"2014-12-02	23:00:00"	3.4909	198.52	46.394	58.804	0.07801	26.494	0
"2014-12-03	00:00:00"	2.4774	224.82	46.23	60.86	0.06762	26.48	0
"2014-12-03	01:00:00"	2.867	212.51	45.082	64.367	0.07398	26.465	0
"2014-12-03	02:00:00"	3.2119	231.32	45.055	66.361	0.07229	26.456	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-03	03:00:00"	3.7643	235.06	42.859	70.473	0.09475	26.447	0
"2014-12-03	04:00:00"	3.7413	235.35	42.336	71.13	0.08458	26.453	0
"2014-12-03	05:00:00"	4.6037	254.05	42.445	70.434	0.07398	26.456	0
"2014-12-03	06:00:00"	2.7794	243.79	41.967	71.209	0.08204	26.462	0
"2014-12-03	07:00:00"	2.8577	235.1	42.44	70.937	0.07949	26.471	0
"2014-12-03	08:00:00"	2.9726	266.06	43.381	68.472	2.6199	26.494	0
"2014-12-03	09:00:00"	3.1535	242.83	44.16	67.946	69.091	26.518	0
"2014-12-03	10:00:00"	4.2036	233.21	49.085	57.703	194.78	26.527	0
"2014-12-03	11:00:00"	4.7877	252.32	55.013	45.136	332.89	26.536	0
"2014-12-03	12:00:00"	5.0716	243.93	60.175	37.849	518.15	26.524	0
"2014-12-03	13:00:00"	4.4639	295.57	67.869	24.574	610.92	26.494	0
"2014-12-03	14:00:00"	4.7703	299.23	73.244	15.854	592.81	26.48	0.1
"2014-12-03	15:00:00"	3.8525	324.78	75.215	13.386	404.06	26.509	0
"2014-12-03	16:00:00"	5.2611	351.47	74.798	14.554	295.02	26.512	0
"2014-12-03	17:00:00"	3.996	26.83	73.471	18.3	190.01	26.512	0
"2014-12-03	18:00:00"	4.4254	84.902	68.411	19.679	29.636	26.533	0
"2014-12-03	19:00:00"	4.1408	71.58	60.61	23.913	0.05448	26.559	0
"2014-12-03	20:00:00"	4.5478	65.208	55.487	28.087	0.07271	26.568	0
"2014-12-03	21:00:00"	4.7479	67.46	53.158	30.348	0.07737	26.565	0
"2014-12-03	22:00:00"	3.937	78.652	50.424	35.654	0.08119	26.574	0
"2014-12-03	23:00:00"	5.1785	65.178	49.43	45.324	0.06699	26.574	0
"2014-12-04	00:00:00"	5.0362	65.639	47.133	58.599	0.06317	26.571	0
"2014-12-04	01:00:00"	5.7116	63.924	45.181	65.682	0.07356	26.556	0
"2014-12-04	02:00:00"	5.8328	59.492	44.016	70.599	0.08628	26.542	0
"2014-12-04	03:00:00"	6.7736	45.671	42.799	72.189	0.0778	26.547	0
"2014-12-04	04:00:00"	6.4424	45.987	41.391	77.182	0.06084	26.524	0
"2014-12-04	05:00:00"	6.0074	54.434	40.71	81.177	0.07101	26.524	0
"2014-12-04	06:00:00"	5.1145	65.68	39.511	86.415	0.1026	26.527	0
"2014-12-04	07:00:00"	3.466	77.649	38.97	91.752	0.08734	26.536	0
"2014-12-04	08:00:00"	1.6181	99.162	39.629	92.366	2.9999	26.55	0
"2014-12-04	09:00:00"	2.2624	190.57	43.448	92.733	34.051	26.562	0
"2014-12-04	10:00:00"	4.9592	159.25	46.19	92.564	78.833	26.568	0
"2014-12-04	11:00:00"	3.3765	167.1	47.144	92.424	103.89	26.568	0
"2014-12-04	12:00:00"	5.5756	171.67	48.638	90.396	154.58	26.491	0
"2014-12-04	13:00:00"	6.5548	170.85	51.832	79.737	336.45	26.45	0
"2014-12-04	14:00:00"	6.4262	195.82	54.472	73.741	226.02	26.432	0
"2014-12-04	15:00:00"	4.8691	195.13	56.178	70.446	129.27	26.4	0
"2014-12-04	16:00:00"	6.1802	151.18	57.773	65.62	121.61	26.391	0
"2014-12-04	17:00:00"	6.0087	138.86	58.733	63.415	67.639	26.391	0
"2014-12-04	18:00:00"	4.4329	144.62	56.509	66.258	14.464	26.4	0
"2014-12-04	19:00:00"	2.7309	169.77	54.232	71.653	0.08967	26.423	0
"2014-12-04	20:00:00"	3.7009	159.18	53.744	73.617	0.07186	26.426	0
"2014-12-04	21:00:00"	3.8395	187.16	53.252	76.656	0.08204	26.438	0
"2014-12-04	22:00:00"	3.7773	199.5	51.829	80.478	0.06338	26.429	0
"2014-12-04	23:00:00"	2.519	192.06	49.781	85.352	0.09687	26.429	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-05	00:00:00"	3.1864	218.85	46.613	90.057	0.07356	26.423	0
"2014-12-05	01:00:00"	3.2057	216.77	46.033	91.848	0.08373	26.418	0
"2014-12-05	02:00:00"	3.2131	223.72	46.119	92.358	0.08437	2.6415	0
"2014-12-05	03:00:00"	6.041	218.32	48.057	92.591	0.06084	26.426	0
"2014-12-05	04:00:00"	5.1288	233.39	45.911	92.311	0.0761	2.6426	0
"2014-12-05	05:00:00"	2.8707	257.27	44.864	92.567	0.10048	2.8142	0
"2014-12-05	06:00:00"	5.4967	241.06	42.979	92.368	0.08098	26.459	0
"2014-12-05	07:00:00"	7.9709	252.75	41.571	92.76	0.07101	26.488	0
"2014-12-05	08:00:00"	1.8542	243.68	42.191	92.646	15.147	26.509	0
"2014-12-05	09:00:00"	2.9118	251.29	43.597	91.175	159.46	26.53	0
"2014-12-05	10:00:00"	12.493	318.2	53.266	65.151	305.28	26.559	0
"2014-12-05	11:00:00"	14.146	322.25	60.472	45.069	455.86	26.58	0
"2014-12-05	12:00:00"	13.385	333.94	64.139	38.651	560.93	26.586	0
"2014-12-05	13:00:00"	11.746	351.38	66.583	33.765	607.54	26.571	0
"2014-12-05	14:00:00"	10.629	351.9	68.376	30.192	585.61	26.565	0
"2014-12-05	15:00:00"	9.0453	340.37	68.96	28.979	510.11	26.565	0
"2014-12-05	16:00:00"	8.3133	352.02	68.974	29.289	351.23	26.583	0
"2014-12-05	17:00:00"	5.537	351.57	67.285	30.423	113.06	26.604	0
"2014-12-05	18:00:00"	2.9714	354.47	64.249	33.548	30.377	26.618	0
"2014-12-05	19:00:00"	5.1015	44.01	61.17	37.163	0.06147	26.639	0
"2014-12-05	20:00:00"	5.3879	73.01	55.692	43.906	0.06889	26.669	0
"2014-12-05	21:00:00"	6.5853	56.997	49.571	52.285	0.08712	26.686	0
"2014-12-05	22:00:00"	6.3802	47.513	46.047	59.253	0.0761	26.707	0
"2014-12-05	23:00:00"	7.1122	47.333	46.332	61.696	0.08755	26.722	0
"2014-12-06	00:00:00"	7.165	45.49	44.678	66.81	0.08967	26.731	0
"2014-12-06	01:00:00"	8.5973	41.419	45.187	68.927	0.08691	26.734	0
"2014-12-06	02:00:00"	8.4916	44.423	44.57	71.189	0.07292	26.745	0
"2014-12-06	03:00:00"	9.5188	45.148	44.513	71.841	0.09285	26.757	0
"2014-12-06	04:00:00"	9.3199	43.997	43.962	73.439	0.07652	26.757	0
"2014-12-06	05:00:00"	8.6681	44.019	41.947	77.216	0.07334	26.754	0
"2014-12-06	06:00:00"	8.0474	44.472	40.901	79.603	0.09518	26.757	0
"2014-12-06	07:00:00"	7.6814	47.014	41.373	79.991	0.08988	26.787	0
"2014-12-06	08:00:00"	6.0888	43.05	40.417	82.337	5.5846	26.807	0
"2014-12-06	09:00:00"	4.6454	40.103	41.071	82.641	52.721	26.828	0
"2014-12-06	10:00:00"	4.042	58.764	45.316	78.041	195.78	26.858	0
"2014-12-06	11:00:00"	7.3166	105.91	52.092	65.966	445.73	26.866	0
"2014-12-06	12:00:00"	6.8637	112.39	56.114	52.863	527.74	26.849	0
"2014-12-06	13:00:00"	10.331	112.82	58.336	44.639	547.94	26.816	0
"2014-12-06	14:00:00"	9.9295	98.772	59.143	42.922	452.51	26.79	0
"2014-12-06	15:00:00"	9.3964	89.3	60.619	40.338	426.9	26.772	0
"2014-12-06	16:00:00"	10.25	93.258	60.198	41.488	312.45	26.763	0
"2014-12-06	17:00:00"	11.388	96.576	58.984	41.886	171.59	26.751	0
"2014-12-06	18:00:00"	7.9206	96.621	55.759	46.038	36.057	26.757	0
"2014-12-06	19:00:00"	5.0256	72.008	50.165	55.269	0.0903	26.772	0
"2014-12-06	20:00:00"	5.6613	71.464	48.096	61.131	0.08416	26.781	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-06	21:00:00"	6.3231	84.525	48.206	63.839	0.05109	26.784	0
"2014-12-06	22:00:00"	5.8918	77.413	48.15	65.541	0.0778	26.787	0
"2014-12-06	23:00:00"	6.5126	73.518	48.244	66.195	0.07334	26.798	0
"2014-12-07	00:00:00"	6.3442	81.608	46.891	70.352	0.07695	26.79	0
"2014-12-07	01:00:00"	6.7506	79.309	46.03	74.862	0.08479	26.769	0
"2014-12-07	02:00:00"	6.1522	85.241	45.124	78.567	0.06932	26.76	0
"2014-12-07	03:00:00"	4.8492	59.111	42.933	82.955	0.07313	26.76	0
"2014-12-07	04:00:00"	5.8912	58.424	42.724	85.908	0.07568	26.742	0
"2014-12-07	05:00:00"	5.6594	69.326	43.361	87.26	0.0903	26.742	0
"2014-12-07	06:00:00"	5.7489	101	43.327	88.715	0.06444	26.728	0
"2014-12-07	07:00:00"	8.4413	119.6	43.734	89.389	0.07186	26.728	0
"2014-12-07	08:00:00"	6.379	110.01	43.717	89.195	1.8548	26.725	0
"2014-12-07	09:00:00"	8.9459	126.65	44.034	88.882	28.941	26.725	0
"2014-12-07	10:00:00"	7.751	152.36	44.729	88.653	63.037	26.745	0
"2014-12-07	11:00:00"	3.8668	159.11	45.914	87.954	138	26.754	0.01
"2014-12-07	12:00:00"	3.1802	186.59	47.802	83.406	147.56	26.736	0
"2014-12-07	13:00:00"	2.1096	210.89	48.715	81.372	132.22	26.707	0
"2014-12-07	14:00:00"	3.8015	241.29	49.717	79.842	181.62	26.68	0
"2014-12-07	15:00:00"	3.3641	247.77	51.397	75.861	209.92	26.666	0
"2014-12-07	16:00:00"	4.8771	177.97	52.636	72.963	236.3	26.651	0
"2014-12-07	17:00:00"	3.6611	156.46	51.367	76.272	101.6	26.648	0
"2014-12-07	18:00:00"	3.4443	132.88	49.912	79.958	33.113	26.648	0
"2014-12-07	19:00:00"	4.4857	180.64	48.978	83.87	0.09857	26.657	0
"2014-12-07	20:00:00"	2.0412	194.31	48.783	84.189	0.0814	26.663	0
"2014-12-07	21:00:00"	2.3308	219.53	47.06	86.858	0.08182	26.68	0
"2014-12-07	22:00:00"	2.9459	137.73	44.266	91.194	0.07292	26.674	0
"2014-12-07	23:00:00"	3.0814	49.812	40.975	91.591	0.10408	26.683	0
"2014-12-08	00:00:00"	3.9264	16.846	37.938	92.485	0.08861	26.695	0
"2014-12-08	01:00:00"	3.9886	32.158	36.692	92.489	0.08267	26.686	0
"2014-12-08	02:00:00"	6.6151	4.8336	35.249	92.634	0.08267	26.689	0
"2014-12-08	03:00:00"	10.248	266.76	35.903	92.903	0.09793	26.698	0
"2014-12-08	04:00:00"	3.0416	356.91	35.074	92.811	0.07398	26.698	0
"2014-12-08	05:00:00"	2.959	357.88	34.616	92.873	0.06974	26.701	0
"2014-12-08	06:00:00"	2.552	349.13	35.124	92.948	0.07674	26.71	0
"2014-12-08	07:00:00"	2.941	346.25	35.954	93.009	0.09539	26.728	0.01
"2014-12-08	08:00:00"	2.8652	358.48	35.309	92.852	4.095	26.751	0
"2014-12-08	09:00:00"	2.4277	345.9	37.029	92.974	116.61	26.772	0
"2014-12-08	10:00:00"	2.8328	326.37	43.842	92.712	325.39	26.787	0
"2014-12-08	11:00:00"	5.7328	25.899	52.494	72.989	456.71	26.781	0
"2014-12-08	12:00:00"	5.6222	61.496	58.25	54.631	555.32	26.76	0
"2014-12-08	13:00:00"	5.9179	115.91	62.647	44.899	577.04	26.728	0
"2014-12-08	14:00:00"	6.9419	158.79	63.219	45.176	586.81	26.704	0
"2014-12-08	15:00:00"	6.6294	186.67	62.419	48.36	500.72	26.698	0
"2014-12-08	16:00:00"	6.9152	220.3	60.705	52.378	358.67	26.698	0
"2014-12-08	17:00:00"	5.6638	211.29	59.851	54.954	194.98	26.698	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-08	18:00:00"	3.105	194.33	55.062	64.236	17.356	26.695	0
"2014-12-08	19:00:00"	2.9596	166.3	48.984	77.126	0.08034	26.701	0
"2014-12-08	20:00:00"	2.309	130.54	46.379	85.503	0.06063	26.704	0
"2014-12-08	21:00:00"	1.5317	230.67	45.483	88.6	0.08352	26.71	0
"2014-12-08	22:00:00"	1.1837	314.12	44.907	91.381	0.06699	26.719	0
"2014-12-08	23:00:00"	3.1398	22.041	44.689	91.519	0.08924	26.728	0
"2014-12-09	00:00:00"	3.251	25.798	45.094	91.748	0.07059	26.728	0
"2014-12-09	01:00:00"	1.6883	331.82	44.915	92.111	0.07334	26.728	0
"2014-12-09	02:00:00"	2.7222	345.41	43.653	91.363	0.0814	26.716	0
"2014-12-09	03:00:00"	3.4784	20.701	43.813	91.664	0.10917	26.719	0
"2014-12-09	04:00:00"	3.9656	25.955	40.181	92.153	0.06868	26.713	0
"2014-12-09	05:00:00"	1.984	327.56	44.814	93.151	0.09158	26.707	0
"2014-12-09	06:00:00"	2.6135	340.24	41.716	90.846	0.08479	26.716	0
"2014-12-09	07:00:00"	4.4521	359.76	39.397	91.705	0.09009	26.713	0
"2014-12-09	08:00:00"	5.9465	28.835	38.333	92.115	7.8812	26.713	0
"2014-12-09	09:00:00"	5.9589	44.722	40.309	92.641	98.467	26.719	0
"2014-12-09	10:00:00"	5.0294	58.142	47.909	86.932	304.43	26.736	0
"2014-12-09	11:00:00"	9.2342	165.44	52.976	77.123	237.19	26.739	0
"2014-12-09	12:00:00"	7.9666	169.5	50.073	85.157	133.94	26.725	0
"2014-12-09	13:00:00"	6.6077	174.71	50.14	85.691	173.99	26.695	0
"2014-12-09	14:00:00"	5.8676	173.74	51.101	82.532	178.91	26.669	0
"2014-12-09	15:00:00"	5.9689	163.97	51.892	81.561	110.26	26.648	0
"2014-12-09	16:00:00"	6.7425	137.8	53.218	78.958	86.187	26.633	0
"2014-12-09	17:00:00"	5.9372	115.9	53.935	76.739	73.031	26.627	0
"2014-12-09	18:00:00"	5.4855	102.27	53.481	78.949	15.803	26.63	0
"2014-12-09	19:00:00"	5.4724	90.911	52.837	81.198	0.06359	26.624	0
"2014-12-09	20:00:00"	5.7974	102.95	51.983	84.001	0.08712	26.633	0
"2014-12-09	21:00:00"	4.6199	111.42	51.689	85.184	0.06317	26.633	0
"2014-12-09	22:00:00"	4.628	140.07	52.188	84.467	0.085	26.627	0
"2014-12-09	23:00:00"	3.3132	144.33	52.273	84.638	0.07907	26.63	0
"2014-12-10	00:00:00"	3.0348	166.78	51.791	85.408	0.0708	26.624	0
"2014-12-10	01:00:00"	5.8079	180.98	51.959	85.994	0.0508	26.612	0
"2014-12-10	02:00:00"	8.6197	181.62	51.84	87.479	0.08564	26.589	0
"2014-12-10	03:00:00"	7.9237	184.96	51.243	88.955	0.10196	26.571	0
"2014-12-10	04:00:00"	6.2752	169.92	50.683	89.257	0.06762	26.571	0
"2014-12-10	05:00:00"	3.2864	173.7	50.36	89.772	0.05872	26.559	0
"2014-12-10	06:00:00"	2.8397	130.87	50.184	89.307	0.07123	26.547	0
"2014-12-10	07:00:00"	6.2771	153.31	50.276	89.395	0.10917	26.553	0
"2014-12-10	08:00:00"	7.4981	168.74	50.287	89.756	0.68597	26.556	0
"2014-12-10	09:00:00"	8.0847	172.12	50.275	89.526	31.454	26.565	0
"2014-12-10	10:00:00"	7.9187	181.08	51.388	84.701	104.2	26.577	0
"2014-12-10	11:00:00"	5.6396	183.59	52.26	82.473	167.07	26.583	0
"2014-12-10	12:00:00"	3.0777	150.68	56.797	70.602	513.37	26.568	0
"2014-12-10	13:00:00"	4.4447	141.85	57.739	68.501	393.23	26.539	0
"2014-12-10	14:00:00"	5.7514	152.71	58.965	65.538	509.46	26.518	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-10	15:00:00"	4.5472	149.3	59.815	63.183	358.37	26.506	0
"2014-12-10	16:00:00"	5.4985	150.53	60.901	60.453	333.7	26.497	0
"2014-12-10	17:00:00"	6.8519	154.99	59.634	63.628	174.62	26.5	0
"2014-12-10	18:00:00"	4.3887	167.36	56.686	69.721	36.357	26.503	0
"2014-12-10	19:00:00"	3.9339	138.87	52.725	78.081	0.07864	26.5	0
"2014-12-10	20:00:00"	5.1673	137.6	50.717	83.684	0.05978	26.506	0
"2014-12-10	21:00:00"	4.8268	148.56	49.003	87.857	0.0797	26.506	0
"2014-12-10	22:00:00"	6.059	172.56	49.143	91.174	0.08649	26.515	0
"2014-12-10	23:00:00"	7.1054	198.31	50.734	92.723	0.07271	26.524	0
"2014-12-11	00:00:00"	7.4987	215.79	50.947	92.884	0.0708	26.533	0
"2014-12-11	01:00:00"	5.6737	214.87	50.638	92.895	0.06932	26.53	0
"2014-12-11	02:00:00"	5.7924	201.41	50.429	92.976	0.08585	26.53	0.01
"2014-12-11	03:00:00"	3.412	198.74	50.23	93.001	0.09052	26.536	0
"2014-12-11	04:00:00"	3.6158	238.55	50.115	93.039	0.0672	26.542	0
"2014-12-11	05:00:00"	4.6522	280.77	49.952	93.01	0.08606	26.536	0
"2014-12-11	06:00:00"	4.746	324.82	49.528	92.996	0.04494	26.542	0
"2014-12-11	07:00:00"	5.3338	339.59	49.441	93.067	0.06762	26.556	0
"2014-12-11	08:00:00"	4.5441	344.09	49.429	93.1	1.2342	26.565	0
"2014-12-11	09:00:00"	4.2875	265.17	49.407	93.1	19.448	26.583	0
"2014-12-11	10:00:00"	5.4258	268.54	49.432	93.02	66.957	26.609	0.01
"2014-12-11	11:00:00"	8.4096	243.86	49.842	92.546	80.249	26.607	0
"2014-12-11	12:00:00"	4.1445	214.56	50.551	91.684	121.11	26.592	0
"2014-12-11	13:00:00"	4.7522	205.34	51.348	89.31	175.67	26.562	0
"2014-12-11	14:00:00"	4.6771	242.6	53.196	83.961	222.98	26.539	0
"2014-12-11	15:00:00"	4.6261	214.53	54.784	79.114	225.62	26.53	0
"2014-12-11	16:00:00"	5.2729	204.14	56.564	74.317	299.28	26.527	0
"2014-12-11	17:00:00"	5.9397	182.64	57.502	71.374	189.25	26.533	0
"2014-12-11	18:00:00"	4.884	177.13	54.359	77.886	36.37	26.533	0
"2014-12-11	19:00:00"	3.7202	148.32	48.956	87.876	0.10535	26.547	0
"2014-12-11	20:00:00"	3.2777	143.76	47.524	91.393	0.09327	26.556	0
"2014-12-11	21:00:00"	4.6429	156.5	47.717	91.741	0.06911	26.568	0
"2014-12-11	22:00:00"	3.5344	153.33	46.919	92.459	0.08352	26.568	0
"2014-12-11	23:00:00"	5.0343	168.45	47.981	92.999	0.07271	26.58	0
"2014-12-12	00:00:00"	3.873	203.43	48.577	92.66	0.08076	26.58	0
"2014-12-12	01:00:00"	5.4674	198.44	49.015	92.713	0.09497	26.58	0
"2014-12-12	02:00:00"	7.6391	191.38	48.5	93.01	0.08458	26.58	0
"2014-12-12	03:00:00"	5.35	194.36	49.124	93.183	0.07758	26.58	0.01
"2014-12-12	04:00:00"	5.442	188.44	49.567	93.2	0.07229	26.577	0
"2014-12-12	05:00:00"	6.008	190.47	50.13	93.28	0.06974	26.58	0
"2014-12-12	06:00:00"	7.1986	211.63	50.643	93.3	0.08691	26.58	0
"2014-12-12	07:00:00"	7.6174	203.02	50.741	93.3	0.07356	26.583	0
"2014-12-12	08:00:00"	7.897	210.03	50.193	93.222	1.1996	26.601	0
"2014-12-12	09:00:00"	7.6596	207.59	49.944	93.223	26.352	26.618	0
"2014-12-12	10:00:00"	6.7468	196.19	50.596	93.3	69.775	26.636	0
"2014-12-12	11:00:00"	6.8674	196.48	51.559	93.303	113.37	26.633	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-12	12:00:00"	5.6694	186.94	52.33	93.198	213.66	26.612	0
"2014-12-12	13:00:00"	5.5669	201.32	53.229	92.769	315.2	26.583	0
"2014-12-12	14:00:00"	6.466	216.91	56.795	82.022	518.64	26.55	0
"2014-12-12	15:00:00"	6.7953	194.73	61.198	68.418	484.6	26.536	0
"2014-12-12	16:00:00"	6.6039	180.23	63.871	59.515	358.81	26.533	0
"2014-12-12	17:00:00"	5.7682	181.76	64.833	55.279	192.31	26.527	0
"2014-12-12	18:00:00"	4.1893	203.14	61.067	60.792	29.461	26.527	0
"2014-12-12	19:00:00"	1.994	148.07	54.384	73.999	0.08204	26.53	0
"2014-12-12	20:00:00"	2.2686	144.61	53.027	77.657	0.08903	26.539	0
"2014-12-12	21:00:00"	2.4426	167.46	52.021	78.029	0.06105	26.545	0
"2014-12-12	22:00:00"	4.6572	184.96	51.388	80.634	0.08182	26.547	0
"2014-12-12	23:00:00"	3.269	231.67	49.645	86.755	0.0708	26.55	0
"2014-12-13	00:00:00"	2.895	232.38	48.471	91.118	0.07123	26.547	0.01
"2014-12-13	01:00:00"	5.2624	206.74	49.748	92.979	0.09412	26.545	0
"2014-12-13	02:00:00"	9.1081	191.44	53.345	93.276	0.09285	26.533	0
"2014-12-13	03:00:00"	7.9921	194.82	53.355	92.866	0.09264	26.533	0
"2014-12-13	04:00:00"	8.4892	203.74	52.814	92.71	0.09094	26.527	0
"2014-12-13	05:00:00"	9.0447	200.42	52.334	92.982	0.07419	26.515	0
"2014-12-13	06:00:00"	9.6511	201.6	51.969	93.1	0.08055	26.503	0
"2014-12-13	07:00:00"	8.7396	211.77	51.494	93.162	0.08076	26.506	0
"2014-12-13	08:00:00"	8.445	200.62	50.975	93.2	1.911	26.509	0
"2014-12-13	09:00:00"	7.582	209.77	50.866	93.256	40.344	26.515	0
"2014-12-13	10:00:00"	9.1776	194.86	51.562	93.3	95.007	26.527	0
"2014-12-13	11:00:00"	8.1337	193.8	52.542	93.292	135.66	26.518	0
"2014-12-13	12:00:00"	7.7354	195.66	54.517	87.867	315.1	26.5	0
"2014-12-13	13:00:00"	6.4598	200.12	59.185	74.784	465.71	26.459	0
"2014-12-13	14:00:00"	8.7837	174.27	64.096	63.214	495.76	26.42	0
"2014-12-13	15:00:00"	9.932	187.34	67.375	53.95	459.77	26.394	0
"2014-12-13	16:00:00"	10.501	194.1	68.821	47.179	363.3	26.382	0
"2014-12-13	17:00:00"	9.6648	196.59	69.001	44.783	159.12	26.376	0
"2014-12-13	18:00:00"	5.0387	165.5	64.249	52.72	20.53	26.358	0
"2014-12-13	19:00:00"	8.4258	148.57	61.538	64.285	0.09369	26.358	0
"2014-12-13	20:00:00"	11.467	155.15	60.064	67.379	0.06253	26.358	0
"2014-12-13	21:00:00"	11.715	151.62	56.995	76.711	0.08776	26.356	0
"2014-12-13	22:00:00"	13.345	160.49	56.553	82.888	0.08225	26.347	0
"2014-12-13	23:00:00"	16.071	168.21	56.946	83.667	0.08437	26.323	0
"2014-12-14	00:00:00"	17.22	171.6	56.775	83.679	0.0725	26.308	0
"2014-12-14	01:00:00"	16.838	172.56	56.06	84.19	0.08204	0.26282	0
"2014-12-14	02:00:00"	16.047	189.84	56.318	84.107	0.09179	26.314	0
"2014-12-14	03:00:00"	11.723	202.85	56.232	84.985	0.06147	26.305	0
"2014-12-14	04:00:00"	7.0787	206.87	54.218	87.846	0.08903	26.311	0
"2014-12-14	05:00:00"	9.5909	256.68	52.65	82.321	0.08161	26.32	0
"2014-12-14	06:00:00"	11.027	261.11	50.78	54.818	0.08119	26.326	0
"2014-12-14	07:00:00"	9.4206	252.5	48.648	45.92	0.10027	26.338	0
"2014-12-14	08:00:00"	6.9917	242.66	45.779	45.688	5.3141	26.347	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-14	09:00:00"	9.2963	254.81	47.182	39.744	120.87	26.364	0
"2014-12-14	10:00:00"	12.729	250.49	50.979	34.028	292.3	26.373	0
"2014-12-14	11:00:00"	16.105	258.72	53.933	29.731	449.03	26.358	0
"2014-12-14	12:00:00"	15.69	248.41	56.924	24.862	559.08	26.335	0
"2014-12-14	13:00:00"	17.915	235.57	58.442	24.415	610.16	26.294	0
"2014-12-14	14:00:00"	19.911	238.34	60.256	21.258	594.28	26.261	0
"2014-12-14	15:00:00"	19.645	244.58	62.036	18.122	514.15	26.255	0
"2014-12-14	16:00:00"	20.882	257.68	62.821	15.723	379.52	26.258	0
"2014-12-14	17:00:00"	19.89	262.44	61.669	16.022	212.4	26.27	0
"2014-12-14	18:00:00"	15.897	262.78	58.817	17.799	50.805	26.279	0
"2014-12-14	19:00:00"	12.595	278.89	55.747	20.731	0.16238	26.296	0
"2014-12-14	20:00:00"	6.9593	302.14	51.203	25.244	0.07589	26.323	0
"2014-12-14	21:00:00"	2.9664	261.78	45.679	30.881	0.07271	26.341	0
"2014-12-14	22:00:00"	5.1002	303	45.348	32.029	0.08437	26.364	0
"2014-12-14	23:00:00"	3.8519	265.45	43.287	36.086	0.07144	26.379	0
"2014-12-15	00:00:00"	1.9915	252.32	41.021	39.746	0.08861	26.388	0
"2014-12-15	01:00:00"	2.2531	279.28	39.454	43.257	0.09242	26.391	0
"2014-12-15	02:00:00"	3.1926	294.96	38.645	45.046	0.08013	26.391	0
"2014-12-15	03:00:00"	3.0752	274.51	37.377	47.225	0.08776	26.4	0
"2014-12-15	04:00:00"	2.652	248.27	35.64	49.246	0.08691	26.412	0
"2014-12-15	05:00:00"	5.8309	321.04	37.635	45.783	0.07334	26.409	0
"2014-12-15	06:00:00"	7.2775	317.72	39.552	42.634	0.09115	26.418	0
"2014-12-15	07:00:00"	8.0784	322.93	39.717	41.573	0.07144	26.429	0
"2014-12-15	08:00:00"	8.926	333.04	39.114	41.582	5.9587	26.444	0
"2014-12-15	09:00:00"	7.7013	345.96	41.576	36.549	116.38	26.474	0
"2014-12-15	10:00:00"	7.8771	333.59	48.335	27.199	288.37	26.503	0
"2014-12-15	11:00:00"	5.4389	304.18	52.989	22.963	441.97	26.515	0
"2014-12-15	12:00:00"	4.9343	293.14	56.884	19.905	557.61	26.509	0
"2014-12-15	13:00:00"	4.3055	296.96	59.333	18.467	605.74	26.48	0
"2014-12-15	14:00:00"	4.0501	230.32	61.564	16.999	595.11	26.462	0
"2014-12-15	15:00:00"	5.5476	241.94	62.99	15.992	507.16	26.462	0
"2014-12-15	16:00:00"	5.2736	248.35	63.471	15.122	370.42	26.468	0
"2014-12-15	17:00:00"	4.861	222.66	62.812	15.476	177.4	26.483	0
"2014-12-15	18:00:00"	4.0134	194.99	56.399	21.966	30.832	26.494	0
"2014-12-15	19:00:00"	2.8614	159.63	50.226	27.545	0.09285	26.518	0
"2014-12-15	20:00:00"	1.5683	105.82	48.766	28.392	0.09475	26.539	0
"2014-12-15	21:00:00"	3.4405	73.123	48.053	29.005	0.08882	26.565	0
"2014-12-15	22:00:00"	7.3614	78.106	42.608	38.089	0.08013	26.577	0
"2014-12-15	23:00:00"	7.0501	64.533	39.643	43.112	0.08691	26.598	0
"2014-12-16	00:00:00"	7.078	62.22	37.327	48.258	0.08734	26.609	0
"2014-12-16	01:00:00"	8.0356	48.545	35.143	54.053	0.09475	26.612	0
"2014-12-16	02:00:00"	6.653	53.987	34.186	58.001	0.10196	26.627	0
"2014-12-16	03:00:00"	7.6248	50.511	33.882	61.193	0.08628	26.636	0
"2014-12-16	04:00:00"	7.9051	56.914	33.313	63.896	0.09115	26.648	0
"2014-12-16	05:00:00"	10.499	58.608	33.661	65.366	0.10005	26.654	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-16	06:00:00"	9.2093	63.015	33.496	67.057	0.09454	26.669	0
"2014-12-16	07:00:00"	8.9204	49.62	30.89	73.17	0.11659	26.683	0
"2014-12-16	08:00:00"	10.303	48.721	30.516	74.903	2.2082	26.701	0
"2014-12-16	09:00:00"	10.712	48.749	31.824	72.431	105.52	26.704	0
"2014-12-16	10:00:00"	12.964	65.571	36.752	60.779	282.29	26.725	0
"2014-12-16	11:00:00"	11.175	79.376	41.308	51.311	423.4	26.731	0
"2014-12-16	12:00:00"	10.332	87.502	44.895	44.844	516.21	26.701	0
"2014-12-16	13:00:00"	9.4057	97.639	46.768	42.213	369.05	26.666	0
"2014-12-16	14:00:00"	9.4821	110.68	47.557	41.5	265.18	26.621	0
"2014-12-16	15:00:00"	9.5561	113.51	49.192	38.895	247.91	26.609	0
"2014-12-16	16:00:00"	9.5498	113.24	49.817	37.619	190.69	26.598	0
"2014-12-16	17:00:00"	9.0931	118.74	49.637	37.736	83.266	26.601	0
"2014-12-16	18:00:00"	8.0238	115.27	49.284	38.865	25.723	26.607	0
"2014-12-16	19:00:00"	5.9198	94.042	47.842	41.313	0.09242	26.604	0
"2014-12-16	20:00:00"	5.1779	77.752	44.82	46.139	0.08204	26.604	0
"2014-12-16	21:00:00"	5.9701	83.507	42.051	50.759	0.08182	26.589	0
"2014-12-16	22:00:00"	5.6004	103.13	44.361	47.191	0.08161	26.583	0
"2014-12-16	23:00:00"	6.2578	116.71	45.074	45.894	0.08818	26.583	0
"2014-12-17	00:00:00"	4.892	96.268	43.85	49.352	0.05851	26.568	0
"2014-12-17	01:00:00"	3.6593	78.31	43.175	52.36	0.09518	26.547	0
"2014-12-17	02:00:00"	4.4981	85.385	44.298	52.119	0.06995	26.518	0
"2014-12-17	03:00:00"	6.1752	103.03	45.396	51.345	0.07356	26.491	0
"2014-12-17	04:00:00"	7.2054	111.32	46.047	51.076	0.08055	26.477	0
"2014-12-17	05:00:00"	5.3109	121.87	46.295	51.778	0.06699	26.471	0
"2014-12-17	06:00:00"	5.4308	135.61	46.963	51.195	0.07313	26.471	0
"2014-12-17	07:00:00"	8.8241	149.79	46.579	54.914	0.0903	26.471	0
"2014-12-17	08:00:00"	6.1584	138.99	46.095	56.074	0.78687	26.48	0
"2014-12-17	09:00:00"	4.9691	115.63	45.234	56.49	65.729	26.483	0
"2014-12-17	10:00:00"	9.2479	148.07	47.464	52.973	264.72	26.485	0
"2014-12-17	11:00:00"	11.149	179.26	49.493	52.661	422.5	26.48	0
"2014-12-17	12:00:00"	11.689	190.51	51.943	51.216	534	26.468	0
"2014-12-17	13:00:00"	11.581	198.35	54.778	47.566	588.85	26.429	0
"2014-12-17	14:00:00"	11.105	227.6	57.252	42.424	579.78	26.4	0
"2014-12-17	15:00:00"	13.231	252.11	60.435	36.914	505.59	26.382	0
"2014-12-17	16:00:00"	15.248	258.55	61.949	30.831	353.18	26.385	0
"2014-12-17	17:00:00"	14.082	257.66	62.341	28.023	214.99	26.391	0
"2014-12-17	18:00:00"	11.529	266.05	59.858	29.326	48.041	26.415	0
"2014-12-17	19:00:00"	5.8104	254.65	54.167	34.954	0.10684	26.438	0
"2014-12-17	20:00:00"	4.5223	244.68	49.317	42.919	0.06041	26.453	0
"2014-12-17	21:00:00"	3.4126	258.18	48.57	44.922	0.10323	26.468	0
"2014-12-17	22:00:00"	2.5594	229.32	45.854	49.576	0.08416	26.477	0
"2014-12-17	23:00:00"	2.2568	239.93	44.862	51.313	0.07271	26.491	0
"2014-12-18	00:00:00"	3.476	242.31	44.532	52.476	0.08182	26.488	0
"2014-12-18	01:00:00"	5.4507	291.56	45.904	52.127	0.09666	26.488	0
"2014-12-18	02:00:00"	4.9585	277.42	44.605	54.594	0.07292	26.48	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-18	03:00:00"	4.2906	263.59	43.358	57.904	0.07886	26.485	0
"2014-12-18	04:00:00"	8.0294	301.64	45.291	55.785	0.08394	26.491	0
"2014-12-18	05:00:00"	4.0029	228.68	41.475	62.29	0.07377	26.494	0
"2014-12-18	06:00:00"	2.3159	247.5	38.378	69.048	0.09306	26.497	0
"2014-12-18	07:00:00"	4.1358	349	39.208	67.274	0.07271	26.506	0
"2014-12-18	08:00:00"	1.8467	77.546	36.877	72.179	4.0509	26.524	0
"2014-12-18	09:00:00"	3.6412	4.2653	38.34	70.316	71.241	26.545	0
"2014-12-18	10:00:00"	2.0903	331.95	47.418	53.483	286.3	26.559	0
"2014-12-18	11:00:00"	4.4298	300.72	52.995	44.836	432.59	26.562	0
"2014-12-18	12:00:00"	6.6816	299.01	55.697	40.839	486.51	26.542	0
"2014-12-18	13:00:00"	3.7686	278.78	57.194	37.082	442.12	26.509	0
"2014-12-18	14:00:00"	3.6145	274.82	58.858	35.75	584.88	26.485	0
"2014-12-18	15:00:00"	6.3771	257.28	61.031	33.922	511.9	26.471	0
"2014-12-18	16:00:00"	6.9575	206.98	60.411	34.434	223.52	26.465	0
"2014-12-18	17:00:00"	4.6155	208.84	59.648	35	103.13	26.453	0
"2014-12-18	18:00:00"	2.3183	135.63	56.759	37.992	17.279	26.462	0
"2014-12-18	19:00:00"	3.2032	139.55	53.125	42.113	0.05639	26.48	0
"2014-12-18	20:00:00"	3.5462	130.5	51.706	43.707	0.08564	26.488	0
"2014-12-18	21:00:00"	3.5337	141.39	50.761	45.741	0.09221	26.494	0
"2014-12-18	22:00:00"	2.1164	264.78	49.52	48.11	0.08797	26.509	0
"2014-12-18	23:00:00"	2.3395	259.76	49.558	48.984	0.07377	26.524	0
"2014-12-19	00:00:00"	3.2864	286.58	49.636	49.275	0.06423	26.539	0
"2014-12-19	01:00:00"	6.2292	49.234	47.161	60.839	0.09073	26.524	0
"2014-12-19	02:00:00"	8.4898	74.475	42.099	79.025	0.07313	26.518	0
"2014-12-19	03:00:00"	8.7029	66.716	40.265	83.206	0.07674	26.512	0
"2014-12-19	04:00:00"	7.4968	66.214	36.888	88.297	0.07017	26.509	0
"2014-12-19	05:00:00"	6.8369	66.323	34.573	90.551	0.09306	26.503	0
"2014-12-19	06:00:00"	7.1197	71.059	33.568	92.323	0.07568	26.509	0
"2014-12-19	07:00:00"	5.4097	93.575	34.869	92.721	0.07589	26.533	0
"2014-12-19	08:00:00"	3.8842	113.16	35.266	92.733	1.1434	26.556	0
"2014-12-19	09:00:00"	3.2349	83.345	35.833	92.733	30.377	26.571	0
"2014-12-19	10:00:00"	2.9528	69.508	36.513	92.517	101.83	26.586	0
"2014-12-19	11:00:00"	3.0422	25.117	37.816	92.242	166.47	26.592	0
"2014-12-19	12:00:00"	3.0012	311.26	39.532	90.837	423.2	26.583	0
"2014-12-19	13:00:00"	4.1601	319.9	45.361	64.398	598.11	26.553	0
"2014-12-19	14:00:00"	3.5574	278.23	51.725	45.545	586.29	26.524	0
"2014-12-19	15:00:00"	4.2924	300.72	54.458	39.679	511.84	26.509	0
"2014-12-19	16:00:00"	6.4678	259.43	57.239	32.175	383.94	26.506	0
"2014-12-19	17:00:00"	7.014	281.17	57.306	27.347	219.25	26.512	0
"2014-12-19	18:00:00"	4.9915	291.9	54.579	29.191	57.477	26.518	0
"2014-12-19	19:00:00"	1.8467	341.14	48.883	35.581	0.20498	26.527	0
"2014-12-19	20:00:00"	3.0758	359.45	46.702	37.447	0.08267	26.536	0
"2014-12-19	21:00:00"	7.0917	107.34	41.203	59.171	0.07059	26.55	0
"2014-12-19	22:00:00"	7.4931	109.78	39.459	78.757	0.06656	26.547	0
"2014-12-19	23:00:00"	7.6745	97.717	36.334	86.65	0.09158	26.562	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-20	00:00:00"	6.2547	104.15	34.369	90.03	0.05914	26.568	0
"2014-12-20	01:00:00"	5.5861	110.25	33.86	91.471	0.08691	26.556	0
"2014-12-20	02:00:00"	3.5667	147.32	34.182	92.308	0.09285	26.559	0
"2014-12-20	03:00:00"	5.7582	118.57	35.251	92.541	0.06953	26.556	0
"2014-12-20	04:00:00"	6.4212	100.27	35.478	92.698	0.09242	26.545	0
"2014-12-20	05:00:00"	6.2323	102.36	35.655	92.779	0.09772	26.53	0
"2014-12-20	06:00:00"	6.3461	85.476	35.464	92.809	0.092	26.53	0
"2014-12-20	07:00:00"	5.862	86.411	35.137	92.858	0.07334	26.533	0
"2014-12-20	08:00:00"	4.4577	97.697	35.156	92.915	1.4883	26.547	0
"2014-12-20	09:00:00"	4.8647	133.86	35.879	92.95	23.801	26.565	0
"2014-12-20	10:00:00"	4.2961	203.85	36.586	92.828	65.322	26.568	0
"2014-12-20	11:00:00"	3.9855	145.9	37.189	92.536	153.89	26.562	0
"2014-12-20	12:00:00"	4.6858	175.96	38.685	89.949	311.31	26.542	0
"2014-12-20	13:00:00"	5.332	185.54	46.043	64.377	613.76	26.503	0
"2014-12-20	14:00:00"	6.6393	203.8	50.672	47.823	596.78	26.471	0
"2014-12-20	15:00:00"	7.8504	225.55	52.937	41.554	521.69	26.459	0
"2014-12-20	16:00:00"	8.0293	209.88	54.399	37.381	391.51	26.447	0
"2014-12-20	17:00:00"	8.0219	218.83	54.419	36.7	227.12	26.444	0
"2014-12-20	18:00:00"	4.8256	185.35	51.36	39.218	52.118	26.438	0
"2014-12-20	19:00:00"	3.4318	141.18	45.203	48.157	0.23381	26.45	0
"2014-12-20	20:00:00"	4.3968	110.01	43.847	49.618	0.09136	26.459	0
"2014-12-20	21:00:00"	3.868	122.74	43.338	50.129	0.08076	26.465	0
"2014-12-20	22:00:00"	3.988	162.41	41.69	54.56	0.0903	26.474	0
"2014-12-20	23:00:00"	4.0874	216.4	38.456	71.659	0.07737	26.471	0
"2014-12-21	00:00:00"	5.6315	221.39	37.39	88.042	0.07165	26.459	0
"2014-12-21	01:00:00"	11.144	201.3	40.46	91.752	0.06868	26.453	0
"2014-12-21	02:00:00"	9.9059	213.27	40.357	92.256	0.06593	26.426	0
"2014-12-21	03:00:00"	8.9042	218.08	39.62	92.412	0.08161	26.423	0
"2014-12-21	04:00:00"	8.5153	230.25	39.281	92.605	0.09009	26.403	0
"2014-12-21	05:00:00"	11.088	228.56	38.776	92.66	0.09009	26.403	0
"2014-12-21	06:00:00"	7.5434	236.97	37.623	92.637	0.07377	26.385	0
"2014-12-21	07:00:00"	5.7943	238.7	36.693	92.757	0.08606	26.4	0
"2014-12-21	08:00:00"	4.5609	230.35	35.979	92.779	1.1343	26.403	0
"2014-12-21	09:00:00"	7.6311	239.55	34.539	92.736	36.897	26.391	0.01
"2014-12-21	10:00:00"	7.1557	228.8	36.455	92.532	257.55	26.394	0
"2014-12-21	11:00:00"	6.9562	238.06	42.75	78.009	425.57	26.373	0
"2014-12-21	12:00:00"	10.635	227.04	53.61	49.441	536.49	26.353	0
"2014-12-21	13:00:00"	11.602	222.69	59.231	36.522	590.11	26.305	0
"2014-12-21	14:00:00"	14.018	223.53	62.693	27.836	577.27	26.255	0
"2014-12-21	15:00:00"	14.467	245.25	64.131	23.376	451.93	26.243	0
"2014-12-21	16:00:00"	15.362	251.33	64.572	23.52	331.22	26.22	0
"2014-12-21	17:00:00"	15.962	250.68	64.059	24.535	130.56	26.19	0
"2014-12-21	18:00:00"	11.818	259.13	62.196	25.921	37.279	26.208	0
"2014-12-21	19:00:00"	6.1634	242.69	57.45	30.439	0.32942	26.184	0
"2014-12-21	20:00:00"	13.939	272.27	57.946	29.657	0.08924	26.202	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-21	21:00:00"	11.403	275.43	56.321	30.736	0.092	26.202	0
"2014-12-21	22:00:00"	6.6779	270.31	51.897	35.318	0.06041	26.199	0
"2014-12-21	23:00:00"	7.7858	274.13	52.069	36.124	0.10154	26.202	0
"2014-12-22	00:00:00"	5.5488	265.55	49.965	39.39	0.09179	26.202	0
"2014-12-22	01:00:00"	7.5378	271.92	49.759	39.828	0.09624	26.19	0
"2014-12-22	02:00:00"	7.2651	278.55	48.635	42.102	0.10005	26.187	0
"2014-12-22	03:00:00"	5.8365	271.53	47.581	44.37	0.07292	26.187	0
"2014-12-22	04:00:00"	4.1532	265.32	48.346	43.305	0.06253	26.196	0
"2014-12-22	05:00:00"	6.1721	263.75	47.714	44.839	0.08734	26.178	0
"2014-12-22	06:00:00"	7.1706	281.85	48.344	44.552	0.07652	26.202	0
"2014-12-22	07:00:00"	7.8175	287.46	48.108	45.561	0.08246	26.199	0
"2014-12-22	08:00:00"	8.852	291.29	49.444	44.046	1.4177	26.217	0
"2014-12-22	09:00:00"	5.7626	296.25	49.202	44.77	41.196	26.232	0
"2014-12-22	10:00:00"	6.3927	310.53	52.02	41.348	104.57	26.249	0
"2014-12-22	11:00:00"	7.1613	297.83	55.64	37.367	168.86	26.243	0
"2014-12-22	12:00:00"	9.1478	293.26	60.422	32.205	330.37	26.229	0
"2014-12-22	13:00:00"	11.854	314.4	63.758	28.854	317.57	26.202	0
"2014-12-22	14:00:00"	9.5461	355.94	62.421	31.726	298.25	26.169	0
"2014-12-22	15:00:00"	7.0271	355.58	62.264	31.711	282.39	26.134	0
"2014-12-22	16:00:00"	2.5277	342.78	63.865	29.899	335.04	26.099	0
"2014-12-22	17:00:00"	2.2904	128.06	66.349	26.813	214.71	26.09	0
"2014-12-22	18:00:00"	8.0461	79.345	59.886	34.953	21.497	26.102	0
"2014-12-22	19:00:00"	8.9005	85.552	53.055	44.769	0.24992	26.096	0
"2014-12-22	20:00:00"	8.839	85.894	50.19	48.553	0.0814	26.107	0
"2014-12-22	21:00:00"	13.62	65.21	48.822	50.597	0.06995	26.146	0
"2014-12-22	22:00:00"	18.868	27.704	45.824	61.769	0.09306	26.181	0.09
"2014-12-22	23:00:00"	13.885	91.421	40.658	81.197	0.06932	26.158	0
"2014-12-23	00:00:00"	11.416	89.425	40.113	81.725	0.05384	26.211	0
"2014-12-23	01:00:00"	8.7837	47.372	40.068	85.06	0.10217	26.214	0.01
"2014-12-23	02:00:00"	10.576	47.205	39.589	88.514	0.07737	26.226	0
"2014-12-23	03:00:00"	10.948	46.481	38.515	86.197	0.08013	26.223	0
"2014-12-23	04:00:00"	10.012	41.866	37.838	85.15	0.06995	26.229	0
"2014-12-23	05:00:00"	7.3241	34.598	37.506	87.08	0.06974	26.261	0.02
"2014-12-23	06:00:00"	9.2684	6.3819	36.638	88.084	0.0956	26.294	0.02
"2014-12-23	07:00:00"	13.828	5.6607	34.754	88.57	0.0744	26.32	0.03
"2014-12-23	08:00:00"	16.478	18.073	33.766	89.322	0.39534	26.347	0.04
"2014-12-23	09:00:00"	16.01	19.987	33.05	89.956	11.335	26.394	0.03
"2014-12-23	10:00:00"	18.77	22.677	33.173	88.252	69.136	26.426	0.02
"2014-12-23	11:00:00"	14.274	29.494	35.351	82.147	184.44	26.444	0
"2014-12-23	12:00:00"	14.566	15.061	39.102	65.297	236.64	26.444	0
"2014-12-23	13:00:00"	20.871	17.043	42.129	50.083	598.75	26.415	0
"2014-12-23	14:00:00"	25.724	5.8384	43.9	41.011	560.27	26.412	0
"2014-12-23	15:00:00"	25.824	6.3394	43.226	40.17	350.15	26.429	0
"2014-12-23	16:00:00"	21.869	5.6819	42.048	42.386	176.9	26.444	0
"2014-12-23	17:00:00"	21.311	2.7458	41.301	42.876	117.15	26.459	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-23	18:00:00"	17.553	355.52	40.886	42.707	62.185	26.474	0
"2014-12-23	19:00:00"	13.396	352.62	39.609	45.652	0.31606	26.494	0
"2014-12-23	20:00:00"	16.523	356.44	39.229	43.958	0.08606	26.509	0
"2014-12-23	21:00:00"	9.9979	3.2239	36.299	53.11	0.10663	26.533	0
"2014-12-23	22:00:00"	11.019	5.5089	35.754	57.424	0.10408	26.547	0
"2014-12-23	23:00:00"	13.808	15.38	36.532	56.552	0.08034	26.565	0
"2014-12-24	00:00:00"	16.159	16.171	36.284	54.792	0.08055	26.568	0
"2014-12-24	01:00:00"	14.427	13.963	34.306	58.545	0.1132	26.562	0
"2014-12-24	02:00:00"	8.3779	351.2	31.959	65.323	0.09984	26.574	0
"2014-12-24	03:00:00"	5.8788	328.24	30.751	67.367	0.09709	26.577	0
"2014-12-24	04:00:00"	5.2953	316.98	29.682	68.831	0.07801	26.574	0
"2014-12-24	05:00:00"	7.5049	314.19	29.529	68.418	0.09433	26.571	0
"2014-12-24	06:00:00"	8.3487	327.43	28.344	71.198	0.07737	26.577	0
"2014-12-24	07:00:00"	7.7069	347.42	28.999	66.512	0.08437	26.571	0
"2014-12-24	08:00:00"	7.6963	347.43	28.915	64.961	3.3529	26.58	0
"2014-12-24	09:00:00"	5.0716	289.56	28.166	68.019	105.09	26.598	0
"2014-12-24	10:00:00"	6.4734	301.56	34.301	52.686	277.8	26.618	0
"2014-12-24	11:00:00"	6.9774	299.47	39.626	35.815	439.99	26.604	0
"2014-12-24	12:00:00"	9.6474	278.46	41.687	33.595	556.27	26.577	0
"2014-12-24	13:00:00"	10.591	253.9	43.332	32.333	612.19	26.536	0
"2014-12-24	14:00:00"	12.765	239.05	44.584	33.322	603.65	26.491	0
"2014-12-24	15:00:00"	14.515	228.1	45.207	33.624	531.29	26.456	0
"2014-12-24	16:00:00"	14.687	228.54	46.021	33.147	401.38	26.441	0
"2014-12-24	17:00:00"	13.197	229.5	46.386	33.594	231.98	26.432	0
"2014-12-24	18:00:00"	8.3338	221.37	44.998	37.684	64.774	26.406	0
"2014-12-24	19:00:00"	4.7056	201.36	39.126	48.384	0.32051	26.397	0
"2014-12-24	20:00:00"	5.7073	187.37	37.129	53.845	0.06126	26.391	0
"2014-12-24	21:00:00"	6.0292	195.36	35	60.504	0.10366	26.379	0
"2014-12-24	22:00:00"	5.4973	200.48	32.735	65.889	0.0884	26.356	0
"2014-12-24	23:00:00"	6.8612	194.63	33.476	62.947	0.09857	26.347	0
"2014-12-25	00:00:00"	5.3804	206.69	31.479	67.617	0.08564	26.32	0
"2014-12-25	01:00:00"	6.0217	198.48	31.237	69.228	0.09158	26.299	0
"2014-12-25	02:00:00"	5.8583	205.4	32.883	63.315	0.08013	26.288	0
"2014-12-25	03:00:00"	5.9092	212.33	33.35	59.808	0.08903	26.273	0
"2014-12-25	04:00:00"	7.9076	212.19	36.608	49.337	0.08098	26.267	0
"2014-12-25	05:00:00"	6.7195	198.75	35.135	53.914	0.09158	26.246	0
"2014-12-25	06:00:00"	6.7773	210.62	35.655	51.55	0.10302	26.249	0
"2014-12-25	07:00:00"	9.21	199.15	34.996	54.451	0.07356	26.237	0
"2014-12-25	08:00:00"	8.1822	196.24	33.586	57.786	2.0475	26.223	0
"2014-12-25	09:00:00"	6.4964	209.65	33.477	59.121	39.306	26.246	0
"2014-12-25	10:00:00"	10.446	197.59	38.02	48.385	140.9	26.264	0
"2014-12-25	11:00:00"	9.2696	200.71	40.586	44.588	199.18	26.276	0
"2014-12-25	12:00:00"	12.918	194.32	44.469	38.973	351.54	26.249	0
"2014-12-25	13:00:00"	14.231	209.31	50.06	30.873	499.09	26.229	0
"2014-12-25	14:00:00"	14.013	210.92	52.167	28.686	426.23	26.199	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-25	15:00:00"	14.37	203.46	54.046	27.16	367.88	26.184	0
"2014-12-25	16:00:00"	12.393	204.46	56.116	24.897	247.79	26.178	0
"2014-12-25	17:00:00"	12.04	203.79	57.386	23.19	116.29	26.181	0
"2014-12-25	18:00:00"	6.5579	190.91	53.785	28.103	20.416	26.184	0
"2014-12-25	19:00:00"	5.9875	171.82	49.526	35.035	0.3203	26.19	0
"2014-12-25	20:00:00"	7.925	155.86	46.891	40.623	0.09285	26.196	0
"2014-12-25	21:00:00"	8.4786	141.85	44.82	42.772	0.1132	26.187	0
"2014-12-25	22:00:00"	5.9055	159.12	42.747	44.628	0.0831	26.199	0
"2014-12-25	23:00:00"	4.0582	191.33	41.992	46.317	0.09581	26.211	0
"2014-12-26	00:00:00"	3.8264	223.03	41.22	47.748	0.08628	26.208	0
"2014-12-26	01:00:00"	4.4764	211.67	39.505	54.214	0.08013	26.208	0
"2014-12-26	02:00:00"	4.1321	200.4	38.79	58.591	0.08585	26.208	0
"2014-12-26	03:00:00"	3.8245	210.15	38.688	60.849	0.08225	26.217	0
"2014-12-26	04:00:00"	3.3498	227.07	38.411	62.811	0.07992	26.217	0
"2014-12-26	05:00:00"	4.0457	208.93	36.924	67.954	0.085	26.208	0
"2014-12-26	06:00:00"	3.9904	235.1	37.348	68.346	0.11065	26.223	0
"2014-12-26	07:00:00"	3.9817	236.89	36.116	70.53	0.08543	26.24	0
"2014-12-26	08:00:00"	2.9043	238.5	34.925	74.523	1.3028	26.255	0
"2014-12-26	09:00:00"	2.6303	231.54	36.337	73.776	98.159	26.279	0
"2014-12-26	10:00:00"	7.1178	204.6	43.86	60.396	277.36	26.294	0
"2014-12-26	11:00:00"	8.2015	238.95	50.565	43.811	382.38	26.314	0
"2014-12-26	12:00:00"	11.562	265.2	54.838	35.016	519.88	26.314	0
"2014-12-26	13:00:00"	15.39	299.36	54.91	36.752	484.65	26.305	0
"2014-12-26	14:00:00"	15.708	310.82	54.207	41.577	467.15	26.291	0
"2014-12-26	15:00:00"	16.379	303.53	53.419	43.939	380.66	26.299	0
"2014-12-26	16:00:00"	15.945	291.82	51.433	43.722	214.01	26.329	0
"2014-12-26	17:00:00"	13.422	297.95	50.349	41.464	107.3	26.338	0
"2014-12-26	18:00:00"	12.104	319.05	47.69	47.203	29.179	26.347	0
"2014-12-26	19:00:00"	4.728	304.3	45.956	53.549	0.2565	26.394	0
"2014-12-26	20:00:00"	3.4971	277.5	45.435	54.487	0.08182	26.42	0
"2014-12-26	21:00:00"	2.9403	276.23	44.27	56.872	0.08628	26.435	0
"2014-12-26	22:00:00"	7.0016	319.04	44.211	54.562	0.08373	26.447	0
"2014-12-26	23:00:00"	7.9591	342.23	43.79	53.643	0.08564	26.471	0
"2014-12-27	00:00:00"	10.023	1.3795	41.922	60.717	0.09327	26.491	0
"2014-12-27	01:00:00"	11.123	24.045	38.023	67.409	0.09391	26.515	0
"2014-12-27	02:00:00"	10.156	30.364	35.854	77.57	0.09179	26.515	0
"2014-12-27	03:00:00"	8.9987	30.755	33.857	87.628	0.10302	26.524	0
"2014-12-27	04:00:00"	9.8351	24.778	33.62	88.833	0.07758	26.533	0
"2014-12-27	05:00:00"	9.6325	21.048	33.528	89.593	0.08946	26.53	0.01
"2014-12-27	06:00:00"	6.8258	28.638	33.235	89.983	0.0744	26.553	0.01
"2014-12-27	07:00:00"	5.4084	53.85	32.104	91.356	0.11023	26.577	0
"2014-12-27	08:00:00"	7.3806	43.558	32	91.949	0.24844	26.601	0
"2014-12-27	09:00:00"	8.8906	28.031	32.079	90.608	12.47	26.639	0
"2014-12-27	10:00:00"	12.422	27.353	31.906	88.191	79.497	26.672	0.01
"2014-12-27	11:00:00"	13.737	33.418	31.411	85.613	130.51	26.689	0.01

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-27	12:00:00"	14.005	38.235	30.792	85.216	168.92	26.672	0
"2014-12-27	13:00:00"	12.017	42.192	31.404	84.33	182.03	26.66	0.01
"2014-12-27	14:00:00"	11.966	38.07	32.255	81.778	211.53	26.636	0
"2014-12-27	15:00:00"	12.104	44.905	34.011	76.381	315.78	26.633	0.02
"2014-12-27	16:00:00"	11.178	48.179	35.998	69.024	363.31	26.624	0
"2014-12-27	17:00:00"	9.0254	51.241	36.664	62.324	225.7	26.639	0
"2014-12-27	18:00:00"	5.9328	52.857	34.9	63.978	59.552	26.645	0
"2014-12-27	19:00:00"	3.9612	59.434	31.12	73.371	0.35867	26.66	0
"2014-12-27	20:00:00"	3.6387	47.293	31.084	72.504	0.10769	26.666	0
"2014-12-27	21:00:00"	4.0004	15.572	30.894	73.192	0.09815	26.663	0
"2014-12-27	22:00:00"	2.7316	18.262	29.923	77.103	0.09306	26.674	0
"2014-12-27	23:00:00"	1.3192	210.37	27.483	83.674	0.08564	26.686	0
"2014-12-28	00:00:00"	0.98985	171.61	26.781	84.304	0.06783	26.683	0
"2014-12-28	01:00:00"	2.15	191.69	26.484	82.139	0.07886	26.68	0
"2014-12-28	02:00:00"	1.866	256.97	26.196	83.459	0.09963	26.66	0
"2014-12-28	03:00:00"	1.3372	249.33	25.813	87.913	0.11214	26.648	0
"2014-12-28	04:00:00"	1.0874	220.25	25.554	89.013	0.09009	26.621	0
"2014-12-28	05:00:00"	2.2251	228.09	24.396	89.077	0.09327	26.595	0
"2014-12-28	06:00:00"	3.7394	243.12	22.813	90.465	0.08458	26.58	0
"2014-12-28	07:00:00"	3.8767	232.02	22.326	91.288	0.11341	26.586	0
"2014-12-28	08:00:00"	15.371	259.19	23.287	90.762	1.533	26.598	0
"2014-12-28	09:00:00"	24.65	76.664	22.946	90.68	97.612	26.604	0
"2014-12-28	10:00:00"	4.8914	239.77	28.367	89.318	246.48	26.609	0
"2014-12-28	11:00:00"	6.5412	220.73	32.265	84.993	435.44	26.586	0.01
"2014-12-28	12:00:00"	7.8995	215.9	35.427	78.058	548.36	26.556	0
"2014-12-28	13:00:00"	11.173	212.68	39.465	69.573	608.34	26.515	0
"2014-12-28	14:00:00"	11.592	218.79	42.886	59.852	601.07	26.491	0
"2014-12-28	15:00:00"	12.393	228.08	46.387	47.654	528.87	26.477	0
"2014-12-28	16:00:00"	11.251	236.67	48.517	40.259	393.36	26.456	0
"2014-12-28	17:00:00"	10.522	228.08	48.893	38.508	228.02	26.447	0
"2014-12-28	18:00:00"	7.7044	217.47	46.313	42.487	67.31	26.447	0
"2014-12-28	19:00:00"	4.1812	224.17	40.249	56.926	0.82524	26.453	0
"2014-12-28	20:00:00"	3.8861	212.28	37.582	64.19	0.07652	26.459	0
"2014-12-28	21:00:00"	5.2841	216.97	36.601	66.674	0.11956	26.465	0
"2014-12-28	22:00:00"	4.6758	220.55	35.526	67.759	0.10387	26.459	0
"2014-12-28	23:00:00"	3.9302	233.83	32.638	74.235	0.07483	26.459	0
"2014-12-29	00:00:00"	3.6555	256.13	31.78	78.111	0.09899	26.45	0
"2014-12-29	01:00:00"	4.6068	266.45	33.193	75.985	0.10514	26.438	0
"2014-12-29	02:00:00"	4.0445	259.35	32.627	78.949	0.09433	26.432	0
"2014-12-29	03:00:00"	4.4577	258.12	32.915	78.468	0.08882	26.432	0
"2014-12-29	04:00:00"	4.2899	246.55	32.833	80.614	0.0956	26.444	0
"2014-12-29	05:00:00"	4.2539	275.13	32.826	79.038	0.09369	26.441	0
"2014-12-29	06:00:00"	4.0532	58.075	31.443	77.181	0.09306	26.444	0
"2014-12-29	07:00:00"	3.4486	32.755	30.498	76.078	0.11468	26.453	0
"2014-12-29	08:00:00"	2.7956	69.453	29.492	76.487	2.1527	26.462	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-29	09:00:00"	2.8223	33.118	31.425	77.283	97.811	26.477	0
"2014-12-29	10:00:00"	2.2326	293.79	41.005	55.918	270.44	26.491	0
"2014-12-29	11:00:00"	4.4248	256.78	45.449	43.334	367.14	26.503	0
"2014-12-29	12:00:00"	2.5545	311.65	49.32	33.247	538.22	26.48	0
"2014-12-29	13:00:00"	6.1584	237.95	51.735	31.827	564.43	26.438	0
"2014-12-29	14:00:00"	8.025	217.39	54.225	29.698	608.41	26.412	0
"2014-12-29	15:00:00"	8.9832	230	57.46	24.811	513.41	26.394	0
"2014-12-29	16:00:00"	10.314	223.59	58.555	23.753	416.21	26.385	0
"2014-12-29	17:00:00"	11.48	225.31	58.335	24.715	217.01	26.394	0
"2014-12-29	18:00:00"	7.2955	216.02	54.701	27.819	45.647	26.403	0
"2014-12-29	19:00:00"	3.3977	201.86	48.216	36.178	0.34786	26.42	0
"2014-12-29	20:00:00"	2.0381	209.22	45.37	39.842	0.0744	26.441	0
"2014-12-29	21:00:00"	1.7771	232.2	42.958	43.618	0.11277	26.471	0
"2014-12-29	22:00:00"	2.4737	154.88	42.981	42.377	0.08225	26.488	0
"2014-12-29	23:00:00"	3.1354	120.97	40.532	45.849	0.07631	26.509	0
"2014-12-30	00:00:00"	5.6756	61.307	39.79	47.026	0.10641	26.506	0
"2014-12-30	01:00:00"	13.594	50.48	32.757	69.269	0.08225	26.559	0
"2014-12-30	02:00:00"	14.39	54.652	31.22	74.335	0.08776	26.586	0
"2014-12-30	03:00:00"	14.206	46.523	29.635	79.044	0.08712	26.607	0
"2014-12-30	04:00:00"	19.708	50.279	31.007	80.661	0.10641	26.607	0
"2014-12-30	05:00:00"	20.057	47.988	31.188	79.153	0.06762	26.639	0
"2014-12-30	06:00:00"	18.282	46.156	31.056	76.046	0.08479	26.657	0
"2014-12-30	07:00:00"	16.574	47.61	30.917	73.026	0.09052	26.707	0
"2014-12-30	08:00:00"	15.194	47.98	30.379	71.863	0.56175	26.731	0
"2014-12-30	09:00:00"	15.465	51.616	29.314	75.627	18.776	26.76	0
"2014-12-30	10:00:00"	14.143	49.46	28.282	82.515	45.428	26.787	0
"2014-12-30	11:00:00"	15.257	50.901	27.884	87.696	62.685	26.79	0
"2014-12-30	12:00:00"	19.699	44.093	27.784	87.685	93.728	26.781	0
"2014-12-30	13:00:00"	30.918	1.3268	27.406	87.108	90.013	26.76	0
"2014-12-30	14:00:00"	10.641	116.43	25.807	87.384	75.187	26.739	0
"2014-12-30	15:00:00"	5.0499	163.26	23.25	87.347	68.117	26.736	0
"2014-12-30	16:00:00"	10.061	199.78	21.187	87.138	52.722	26.742	0
"2014-12-30	17:00:00"	30.282	18.868	20.967	87.263	31.187	26.754	0
"2014-12-30	18:00:00"	24.947	238.97	20.513	87.428	6.8675	26.766	0
"2014-12-30	19:00:00"	6.4405	244.37	20.48	87.428	0.10959	26.775	0
"2014-12-30	20:00:00"	8.7098	209.15	20.248	87.375	0.08861	26.79	0
"2014-12-30	21:00:00"	30.053	345.95	19.806	87.203	0.09878	26.807	0
"2014-12-30	22:00:00"	26.71	340.97	19.087	87.062	0.10811	26.819	0
"2014-12-30	23:00:00"	19.824	341.11	18.64	87.128	0.10811	26.831	0
"2014-12-31	00:00:00"	1.134	283.75	17.81	87.013	0.08776	26.834	0
"2014-12-31	01:00:00"	15.992	279.1	16.392	86.417	0.11807	26.831	0
"2014-12-31	02:00:00"	11.769	278.17	14.835	85.748	0.10747	26.825	0
"2014-12-31	03:00:00"	17.703	285.82	13.218	84.815	0.10451	26.822	0
"2014-12-31	04:00:00"	17.223	289.42	12.505	84.766	0.07822	26.825	0
"2014-12-31	05:00:00"	24.444	286.76	11.972	84.886	0.10747	26.825	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2014-12-31	06:00:00"	25.456	279.65	11.901	84.961	0.12867	26.819	0
"2014-12-31	07:00:00"	6.2746	271.04	12.075	85.067	0.09242	26.822	0
"2014-12-31	08:00:00"	8.0573	268.92	12.155	85.077	0.97044	26.822	0
"2014-12-31	09:00:00"	14.097	291.91	12.403	85.164	18.662	26.831	0
"2014-12-31	10:00:00"	3.9588	284.01	12.852	85.188	62.628	26.831	0
"2014-12-31	11:00:00"	20.318	287.76	13.815	85.156	138.91	26.84	0
"2014-12-31	12:00:00"	21.43	289.94	14.601	84.956	167.61	26.807	0
"2014-12-31	13:00:00"	15.745	290.45	15.126	84.895	152.43	26.76	0
"2014-12-31	14:00:00"	10.358	290.26	15.879	84.859	157.93	26.722	0
"2014-12-31	15:00:00"	0.97617	278.93	16.329	84.689	129.61	26.698	0
"2014-12-31	16:00:00"	7.1389	266.08	16.778	84.573	89.169	26.689	0
"2014-12-31	17:00:00"	20.241	263.27	17.165	84.644	61.51	26.689	0
"2014-12-31	18:00:00"	17.313	265.64	17.119	84.885	13.012	26.683	0
"2014-12-31	19:00:00"	14.943	267.24	17.083	85.968	0.20308	26.669	0
"2014-12-31	20:00:00"	14.424	266.94	17.239	86.67	0.11404	26.68	0
"2014-12-31	21:00:00"	9.7319	261.28	17.45	87.026	0.09857	26.674	0
"2014-12-31	22:00:00"	12.064	266.17	17.681	87.05	0.10811	26.68	0
"2014-12-31	23:00:00"	9.2665	255.55	17.915	87.212	0.09391	26.66	0
"2015-01-01	00:00:00"	5.6365	255.14	18.064	87.444	0.08755	26.636	0
"2015-01-01	01:00:00"	15.715	266.15	18.209	87.459	0.11044	26.612	0
"2015-01-01	02:00:00"	5.0225	277.79	18.421	87.482	0.10387	26.601	0
"2015-01-01	03:00:00"	4.1849	80.578	18.626	87.575	0.11828	26.589	0
"2015-01-01	04:00:00"	2.3693	211.18	18.893	87.652	0.09391	26.571	0
"2015-01-01	05:00:00"	20.598	205.3	19.084	87.688	0.08267	26.55	0
"2015-01-01	06:00:00"	22.212	191.41	19.363	87.835	0.10175	26.553	0
"2015-01-01	07:00:00"	26.063	193.97	19.64	87.953	0.09687	26.539	0
"2015-01-01	08:00:00"	19.864	205.69	19.866	88.045	0.23848	26.556	0
"2015-01-01	09:00:00"	15.68	209.65	20.207	88.112	16.489	26.571	0
"2015-01-01	10:00:00"	24.767	212.35	20.693	88.09	46.276	26.571	0
"2015-01-01	11:00:00"	33.407	229.13	21.423	88.046	120.73	26.583	0
"2015-01-01	12:00:00"	11.824	211.86	22.14	88.172	133.96	26.556	0
"2015-01-01	13:00:00"	25	212.03	22.577	88.367	166.27	26.509	0
"2015-01-01	14:00:00"	13.369	203.53	23.831	88.5	174.02	26.485	0
"2015-01-01	15:00:00"	11.653	14.498	24.03	88.786	117.95	26.471	0
"2015-01-01	16:00:00"	14.881	233.45	24.159	89.019	87.642	26.471	0
"2015-01-01	17:00:00"	27.336	210.94	24.256	89.236	49.336	26.488	0
"2015-01-01	18:00:00"	16.189	259.71	24.085	89.376	11.863	26.483	0
"2015-01-01	19:00:00"	5.0747	100.81	23.854	89.458	0.39089	26.5	0
"2015-01-01	20:00:00"	5.8328	29.526	23.782	89.5	0.08988	26.503	0
"2015-01-01	21:00:00"	7.9678	352.03	24.012	89.523	0.11256	26.512	0
"2015-01-01	22:00:00"	5.25	323.66	24.09	89.3	0.08712	26.494	0
"2015-01-01	23:00:00"	0 "INF"		24.159	89.322	0.07886	26.503	0
"2015-01-02	00:00:00"	4.7491	354.79	24.347	89.397	0.09475	26.512	0
"2015-01-02	01:00:00"	1.7572	215.85	24.337	89.578	0.09539	26.491	0
"2015-01-02	02:00:00"	8.757	210.93	24.57	89.744	0.10811	26.503	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-02	03:00:00"	0	"INF"	24.703	89.866	0.09984	26.503	0
"2015-01-02	04:00:00"	23.188	209.98	24.905	90.108	0.10281	26.483	0
"2015-01-02	05:00:00"	20.101	212.09	25.112	90.289	0.09963	26.483	0
"2015-01-02	06:00:00"	6.2299	209.82	25.268	90.258	0.08119	26.5	0
"2015-01-02	07:00:00"	23.991	180.48	25.184	90.239	0.08246	26.483	0
"2015-01-02	08:00:00"	6.4579	153.2	25.2	90.278	0.27875	26.509	0
"2015-01-02	09:00:00"	11.565	91.921	25.221	90.234	10.264	26.527	0
"2015-01-02	10:00:00"	19.333	45.389	25.698	90.359	23.8	26.533	0
"2015-01-02	11:00:00"	18.161	355.98	26.445	90.385	68.298	26.509	0
"2015-01-02	12:00:00"	31.034	230.21	27.354	90.742	61.103	26.465	0.01
"2015-01-02	13:00:00"	0	"INF"	28.036	89.954	73.02	26.447	0
"2015-01-02	14:00:00"	0	"INF"	28.149	89.883	90.964	26.441	0
"2015-01-02	15:00:00"	0	"INF"	28.572	89.493	80.717	26.394	0
"2015-01-02	16:00:00"	0	"INF"	28.578	89.108	56.923	26.373	0
"2015-01-02	17:00:00"	0	"INF"	28.691	89.42	20.806	26.388	0
"2015-01-02	18:00:00"	0	"INF"	28.668	89.861	4.6557	26.364	0
"2015-01-02	19:00:00"	0	"INF"	28.804	91.194	0.08246	26.344	0
"2015-01-02	20:00:00"	0	"INF"	29.106	91.555	0.09391	26.37	0
"2015-01-02	21:00:00"	0.41818	265	29.472	91.554	0.09815	26.382	0
"2015-01-02	22:00:00"	0	"INF"	29.459	91.572	0.08649	26.385	0
"2015-01-02	23:00:00"	0.64498	208.68	28.97	91.157	0.08734	0	0
"2015-01-03	09:00:00"	0	"INF"	32	0	255.89	0	0
"2015-01-03	10:00:00"	0	"INF"	32	0	424.28	0	0
"2015-01-03	11:00:00"	0	"INF"	32	0	566.76	0	0.01
"2015-01-03	12:00:00"	0	"INF"	32	0	602.7	0	0.18
"2015-01-03	13:00:00"	0	"INF"	32	0	617.39	0	0.08
"2015-01-03	14:00:00"	0	"INF"	32	0	613.65	0	0.02
"2015-01-03	15:00:00"	0	"INF"	32	0	545.49	0	0.01
"2015-01-03	16:00:00"	0	"INF"	32	0	418.91	0	0
"2015-01-03	17:00:00"	0	"INF"	32	0	250.51	0	0
"2015-01-03	18:00:00"	0	"INF"	32	0	79.336	0	0
"2015-01-03	19:00:00"	0	"INF"	32	0	0.68745	0	0
"2015-01-03	20:00:00"	0	"INF"	32	0	0.05766	0	0
"2015-01-03	21:00:00"	0	"INF"	32	0	0.07695	0	0
"2015-01-03	22:00:00"	0	"INF"	32	0	0.07462	0	0
"2015-01-03	23:00:00"	0	"INF"	32	0	0.09327	0	0
"2015-01-04	00:00:00"	0	"INF"	32	0	0.05829	0	0
"2015-01-04	01:00:00"	0	"INF"	32	0	0.07165	0	0
"2015-01-04	02:00:00"	0	"INF"	32	0	0.08331	0	0
"2015-01-04	03:00:00"	0	"INF"	32	0	0.09052	0	0
"2015-01-04	04:00:00"	0	"INF"	32	0	0.07801	0	0
"2015-01-04	05:00:00"	0	"INF"	32	0	0.10578	0	0
"2015-01-04	06:00:00"	0	"INF"	32	0	0.07229	0	0
"2015-01-04	07:00:00"	0	"INF"	32	0	0.07462	0	0
"2015-01-04	08:00:00"	0	"INF"	32	0	1.9121	0	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-04	09:00:00"		0 "INF"	32		0 96.86	0	0
"2015-01-04	10:00:00"		0 "INF"	32		0 271.74	0	0
"2015-01-04	11:00:00"		0 "INF"	32		0 438.93	0	0
"2015-01-04	12:00:00"		0 "INF"	32		0 560.2	0	0
"2015-01-04	13:00:00"		0 "INF"	32		0 622.54	0	0
"2015-01-04	14:00:00"		0 "INF"	32		0 620.64	0	0
"2015-01-04	15:00:00"		0 "INF"	32		0 553.17	0	0
"2015-01-04	16:00:00"		0 "INF"	32		0 426.37	0	0
"2015-01-04	17:00:00"		0 "INF"	32		0 255.94	0	0
"2015-01-04	18:00:00"		0 "INF"	32		0 81.799	0	0
"2015-01-04	19:00:00"		0 "INF"	32		0 0.78538	0	0
"2015-01-04	20:00:00"		0 "INF"	32		0 0.08734	0	0
"2015-01-04	21:00:00"		0 "INF"	32		0 0.08585	0	0
"2015-01-04	22:00:00"		0 "INF"	32		0 0.08373	0	0
"2015-01-04	23:00:00"		0 "INF"	32		0 0.09052	0	0
"2015-01-05	00:00:00"		0 "INF"	32		0 0.07928	0	0
"2015-01-05	01:00:00"		0 "INF"	32		0 0.09306	0	0
"2015-01-05	02:00:00"		0 "INF"	32		0 0.06826	0	0
"2015-01-05	03:00:00"		0 "INF"	32		0 0.10853	0	0
"2015-01-05	04:00:00"		0 "INF"	32		0 0.07377	0	0
"2015-01-05	05:00:00"		0 "INF"	32		0 0.10239	0	0
"2015-01-05	06:00:00"		0 "INF"	32		0 0.06953	0	0
"2015-01-05	07:00:00"		0 "INF"	32		0 0.0744	0	0
"2015-01-05	08:00:00"		0 "INF"	32		0 1.7722	0	0
"2015-01-05	09:00:00"		0 "INF"	32		0 112.52	0	0
"2015-01-05	10:00:00"		0 "INF"	32		0 297.44	0	0
"2015-01-05	11:00:00"		0 "INF"	32		0 445.41	0	0
"2015-01-05	12:00:00"		0 "INF"	32		0 568.28	0	0
"2015-01-05	13:00:00"		0 "INF"	32		0 633.89	0	0
"2015-01-05	14:00:00"		0 "INF"	32		0 634.16	0	0
"2015-01-05	15:00:00"		0 "INF"	32		0 557.63	0	0
"2015-01-05	16:00:00"		0 "INF"	32		0 439.02	0	0
"2015-01-05	17:00:00"		0 "INF"	32		0 266.04	0	0
"2015-01-05	18:00:00"		0 "INF"	32		0 89.83	0	0
"2015-01-05	19:00:00"		0 "INF"	32		0 0.78772	0	0
"2015-01-05	20:00:00"		0 "INF"	32		0 0.06169	0	0
"2015-01-05	21:00:00"		0 "INF"	32		0 0.05278	0	0
"2015-01-05	22:00:00"		0 "INF"	32		0 0.07207	0	0
"2015-01-05	23:00:00"		0 "INF"	32		0 0.06147	0	0
"2015-01-06	00:00:00"		0 "INF"	32		0 0.07038	0	0
"2015-01-06	01:00:00"		0 "INF"	32		0 0.08204	0	0
"2015-01-06	02:00:00"		0 "INF"	32		0 0.0725	0	0
"2015-01-06	03:00:00"		0 "INF"	32		0 0.08628	0	0
"2015-01-06	04:00:00"		0 "INF"	32		0 0.07631	0	0
"2015-01-06	05:00:00"		0 "INF"	32		0 0.08479	0	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-06	06:00:00"		0 "INF"	32		0 0.07377	0	0
"2015-01-06	07:00:00"		0 "INF"	32		0 0.08861	0	0
"2015-01-06	08:00:00"		0 "INF"	32		0 0.97871	0	0
"2015-01-06	09:00:00"		0 "INF"	32		0 70.957	0	0
"2015-01-06	10:00:00"		0 "INF"	32		0 267.74	0	0.01
"2015-01-06	11:00:00"		0 "INF"	32		0 440.12	0	0
"2015-01-06	12:00:00"		0 "INF"	32		0 562.49	0	0
"2015-01-06	13:00:00"		0 "INF"	32		0 623.97	0	0
"2015-01-06	14:00:00"		0 "INF"	32		0 622.34	0	0
"2015-01-06	15:00:00"		0 "INF"	32		0 556.15	0	0
"2015-01-06	16:00:00"		0 "INF"	32		0 429.55	0	0
"2015-01-06	17:00:00"		0 "INF"	32		0 259.37	0	0
"2015-01-06	18:00:00"		0 "INF"	32		0 85.578	0	0
"2015-01-06	19:00:00"		0 "INF"	32		0 0.56323	0	0
"2015-01-06	20:00:00"		0 "INF"	32		0 0.05766	0	0
"2015-01-06	21:00:00"		0 "INF"	32		0 0.0566	0	0
"2015-01-06	22:00:00"		0 "INF"	32		0 0.08416	0	0
"2015-01-06	23:00:00"		0 "INF"	32		0 0.08034	0	0
"2015-01-07	00:00:00"		0 "INF"	32		0 0.07292	0	0
"2015-01-07	01:00:00"		0 "INF"	32		0 0.09052	0	0
"2015-01-07	02:00:00"		0 "INF"	32		0 0.05321	0	0
"2015-01-07	03:00:00"		0 "INF"	32		0 0.06487	0	0
"2015-01-07	04:00:00"		0 "INF"	32		0 0.10345	0	0
"2015-01-07	05:00:00"		0 "INF"	32		0 0.07864	0	0
"2015-01-07	06:00:00"		0 "INF"	32		0 0.09115	0	0
"2015-01-07	07:00:00"		0 "INF"	32		0 0.08628	0	0
"2015-01-07	08:00:00"		0 "INF"	32		0 1.2863	0	0
"2015-01-07	09:00:00"		0 "INF"	32		0 94.531	0	0
"2015-01-07	10:00:00"		0 "INF"	32		0 226.76	0	0
"2015-01-07	11:00:00"		0 "INF"	32		0 274.87	0	0
"2015-01-07	12:00:00"		0 "INF"	32		0 542.83	0	0
"2015-01-07	13:00:00"		0 "INF"	32		0 542.51	0	0
"2015-01-07	14:00:00"		0 "INF"	32		0 237.14	0	0
"2015-01-07	15:00:00"		0 "INF"	32		0 154.87	0	0
"2015-01-07	16:00:00"		0 "INF"	32		0 116.25	0	0
"2015-01-07	17:00:00"		0 "INF"	32		0 107.05	0	0
"2015-01-07	18:00:00"		0 "INF"	32		0 30.106	0	0
"2015-01-07	19:00:00"		0 "INF"	32		0 0.30355	0	0
"2015-01-07	20:00:00"		0 "INF"	32		0 0.08034	0	0
"2015-01-07	21:00:00"		0 "INF"	32		0 0.08882	0	0
"2015-01-07	22:00:00"		0 "INF"	32		0 0.09327	0	0
"2015-01-07	23:00:00"		0 "INF"	32		0 0.09412	0	0
"2015-01-08	00:00:00"		0 "INF"	32		0 0.07165	0	0
"2015-01-08	01:00:00"		0 "INF"	32		0 0.10917	0	0
"2015-01-08	02:00:00"		0 "INF"	32		0 0.08797	0	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-08	03:00:00"	0	"INF"	32	0	0.08691	0	0
"2015-01-08	04:00:00"	0	"INF"	32	0	0.10493	0	0
"2015-01-08	05:00:00"	0	"INF"	32	0	0.08606	0	0
"2015-01-08	06:00:00"	0	"INF"	32	0	0.09539	0	0
"2015-01-08	07:00:00"	0	"INF"	32	0	0.09539	0	0
"2015-01-08	08:00:00"	0	"INF"	32	0	1.3225	0	0
"2015-01-08	09:00:00"	0	"INF"	32	0	49.143	0	0
"2015-01-08	10:00:00"	0	"INF"	32	0	158.48	0	0
"2015-01-08	11:00:00"	0	"INF"	32	0	356.39	0	0
"2015-01-08	12:00:00"	0	"INF"	32	0	420.43	0	0
"2015-01-08	13:00:00"	0	"INF"	32	0	494.79	0	0
"2015-01-08	14:00:00"	0	"INF"	32	0	519.36	0	0
"2015-01-08	15:00:00"	0	"INF"	32	0	518.16	0	0
"2015-01-08	16:00:00"	0	"INF"	32	0	330.9	0	0
"2015-01-08	17:00:00"	0	"INF"	32	0	157.72	0	0
"2015-01-08	18:00:00"	0	"INF"	32	0	41.952	0	0
"2015-01-08	19:00:00"	0	"INF"	32	0	0.41633	0	0
"2015-01-08	20:00:00"	0	"INF"	32	0	0.06953	0	0
"2015-01-08	21:00:00"	0	"INF"	32	0	0.05363	0	0
"2015-01-08	22:00:00"	0	"INF"	32	0	0.05957	0	0
"2015-01-08	23:00:00"	0	"INF"	32	0	0.07356	0	0
"2015-01-09	00:00:00"	0	"INF"	32	0	0.08373	0	0
"2015-01-09	01:00:00"	0	"INF"	32	0	0.07419	0	0
"2015-01-09	02:00:00"	0	"INF"	32	0	0.07271	0	0
"2015-01-09	03:00:00"	0	"INF"	32	0	0.08606	0	0.03
"2015-01-09	04:00:00"	0	"INF"	32	0	0.09433	0	0.01
"2015-01-09	05:00:00"	0	"INF"	32	0	0.06805	0	0
"2015-01-09	06:00:00"	0	"INF"	32	0	0.06444	0	0
"2015-01-09	07:00:00"	0	"INF"	32	0	0.09836	0	0
"2015-01-09	08:00:00"	0	"INF"	32	0	0.58591	0	0
"2015-01-09	09:00:00"	0	"INF"	32	0	32.847	0	0
"2015-01-09	10:00:00"	0	"INF"	32	0	116.85	0	0
"2015-01-09	11:00:00"	0	"INF"	32	0	111.01	0	0
"2015-01-09	12:00:00"	0	"INF"	32	0	175.68	0	0
"2015-01-09	13:00:00"	0	"INF"	32	0	200.31	0	0
"2015-01-09	14:00:00"	0	"INF"	32	0	193.54	0	0
"2015-01-09	15:00:00"	0	"INF"	32	0	224.36	0	0
"2015-01-09	16:00:00"	0	"INF"	32	0	188.49	0	0
"2015-01-09	17:00:00"	0	"INF"	32	0	115.32	0	0
"2015-01-09	18:00:00"	0	"INF"	32	0	49.696	0	0
"2015-01-09	19:00:00"	0	"INF"	32	0	0.95836	0	0
"2015-01-09	20:00:00"	0	"INF"	32	0	0.07101	0	0
"2015-01-09	21:00:00"	0	"INF"	32	0	0.09369	0	0
"2015-01-09	22:00:00"	0	"INF"	32	0	0.06169	0	0
"2015-01-09	23:00:00"	0	"INF"	32	0	0.10387	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-10"	00:00:00"	0	"INF"	32	0	0.10154	0	0
"2015-01-10"	01:00:00"	0	"INF"	32	0	0.07377	0	0
"2015-01-10"	02:00:00"	0	"INF"	32	0	0.10281	0	0
"2015-01-10"	03:00:00"	0	"INF"	32	0	0.11108	0	0
"2015-01-10"	04:00:00"	0	"INF"	32	0	0.10175	0	0
"2015-01-10"	05:00:00"	0	"INF"	32	0	0.08882	0	0
"2015-01-10"	06:00:00"	0	"INF"	32	0	0.10557	0	0
"2015-01-10"	07:00:00"	0	"INF"	32	0	0.09327	0	0
"2015-01-10"	08:00:00"	0	"INF"	32	0	0.38919	0	0
"2015-01-10"	09:00:00"	0	"INF"	32	0	17.282	0	0
"2015-01-10"	10:00:00"	0	"INF"	32	0	96.31	0	0
"2015-01-10"	11:00:00"	0	"INF"	32	0	262.52	0	0
"2015-01-10"	12:00:00"	0	"INF"	32	0	289.32	0	0
"2015-01-10"	13:00:00"	0	"INF"	32	0	266.73	0	0
"2015-01-10"	14:00:00"	0	"INF"	32	0	340.73	0	0
"2015-01-10"	15:00:00"	0	"INF"	32	0	377.67	0	0
"2015-01-10"	16:00:00"	0	"INF"	32	0	288.59	0	0
"2015-01-10"	17:00:00"	0	"INF"	32	0	187.13	0	0
"2015-01-10"	18:00:00"	0	"INF"	32	0	68.894	0	0
"2015-01-10"	19:00:00"	0	"INF"	32	0	2.0026	0	0
"2015-01-10"	20:00:00"	0	"INF"	32	0	0.06805	0	0
"2015-01-10"	21:00:00"	0	"INF"	32	0	0.0831	0	0
"2015-01-10"	22:00:00"	0	"INF"	32	0	0.07631	0	0
"2015-01-10"	23:00:00"	0	"INF"	32	0	0.08246	0	0
"2015-01-11"	00:00:00"	0	"INF"	32	0	0.0831	0	0
"2015-01-11"	01:00:00"	0	"INF"	32	0	0.09857	0	0
"2015-01-11"	02:00:00"	0	"INF"	32	0	0.06317	0	0
"2015-01-11"	03:00:00"	0	"INF"	32	0	0.0956	0	0
"2015-01-11"	04:00:00"	0	"INF"	32	0	0.06593	0	0
"2015-01-11"	05:00:00"	0	"INF"	32	0	0.06423	0	0
"2015-01-11"	06:00:00"	0	"INF"	32	0	0.0778	0	0
"2015-01-11"	07:00:00"	0	"INF"	32	0	0.0725	0	0
"2015-01-11"	08:00:00"	0	"INF"	32	0	1.7696	0	0
"2015-01-11"	09:00:00"	0	"INF"	32	0	104.92	0	0
"2015-01-11"	10:00:00"	0	"INF"	32	0	274.92	0	0.01
"2015-01-11"	11:00:00"	0	"INF"	32	0	426.31	0	0
"2015-01-11"	12:00:00"	0	"INF"	32	0	548.91	0	0
"2015-01-11"	13:00:00"	0	"INF"	32	0	611.09	0	0
"2015-01-11"	14:00:00"	0	"INF"	32	0	612.38	0	0
"2015-01-11"	15:00:00"	0	"INF"	32	0	548.91	0	0
"2015-01-11"	16:00:00"	0	"INF"	32	0	427.41	0	0
"2015-01-11"	17:00:00"	0	"INF"	32	0	264.42	0	0
"2015-01-11"	18:00:00"	0	"INF"	32	0	78.831	0	0
"2015-01-11"	19:00:00"	0	"INF"	32	0	1.6	0	0
"2015-01-11"	20:00:00"	0	"INF"	32	0	0.06805	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-11	21:00:00"	0	"INF"	32	0	0.06253	0	0
"2015-01-11	22:00:00"	0	"INF"	32	0	0.06381	0	0
"2015-01-11	23:00:00"	0	"INF"	32	0	0.05193	0	0
"2015-01-12	00:00:00"	0	"INF"	32	0	0.05554	0	0
"2015-01-12	01:00:00"	0	"INF"	32	0	0.07419	0	0
"2015-01-12	02:00:00"	0	"INF"	32	0	0.07038	0	0
"2015-01-12	03:00:00"	0	"INF"	32	0	0.06381	0	0
"2015-01-12	04:00:00"	0	"INF"	32	0	0.04494	0	0
"2015-01-12	05:00:00"	0	"INF"	32	0	0.0655	0	0
"2015-01-12	06:00:00"	0	"INF"	32	0	0.07928	0	0
"2015-01-12	07:00:00"	0	"INF"	32	0	0.07059	0	0
"2015-01-12	08:00:00"	0	"INF"	32	0	0.33959	0	0
"2015-01-12	09:00:00"	0	"INF"	32	0	22.217	0	0
"2015-01-12	10:00:00"	0	"INF"	32	0	59.702	0	0
"2015-01-12	11:00:00"	0	"INF"	32	0	85.741	0	0
"2015-01-12	12:00:00"	0	"INF"	32	0	101.84	0	0
"2015-01-12	13:00:00"	0	"INF"	32	0	90.304	0	0
"2015-01-12	14:00:00"	0	"INF"	32	0	72.338	0	0
"2015-01-12	15:00:00"	0	"INF"	32	0	80.174	0	0
"2015-01-12	16:00:00"	0	"INF"	32	0	47.918	0	0
"2015-01-12	17:00:00"	0	"INF"	32	0	33.35	0	0
"2015-01-12	18:00:00"	0	"INF"	32	0	9.7954	0	0
"2015-01-12	19:00:00"	0	"INF"	32	0	0.4176	0	0
"2015-01-12	20:00:00"	0	"INF"	32	0	0.05193	0	0
"2015-01-12	21:00:00"	0	"INF"	32	0	0.09391	0	0
"2015-01-12	22:00:00"	0	"INF"	32	0	0.08182	0	0
"2015-01-12	23:00:00"	0	"INF"	32	0	0.09052	0	0
"2015-01-13	00:00:00"	0	"INF"	32	0	0.07525	0	0
"2015-01-13	01:00:00"	0	"INF"	32	0	0.10302	0	0
"2015-01-13	02:00:00"	0	"INF"	32	0	0.06974	0	0
"2015-01-13	03:00:00"	0	"INF"	32	0	0.10217	0	0
"2015-01-13	04:00:00"	0	"INF"	32	0	0.07377	0	0
"2015-01-13	05:00:00"	0	"INF"	32	0	0.07949	0	0
"2015-01-13	06:00:00"	0	"INF"	32	0	0.08458	0	0
"2015-01-13	07:00:00"	0	"INF"	32	0	0.10323	0	0
"2015-01-13	08:00:00"	0	"INF"	32	0	0.37648	0	0
"2015-01-13	09:00:00"	0	"INF"	32	0	15.65	0	0
"2015-01-13	10:00:00"	0	"INF"	32	0	64.813	0	0
"2015-01-13	11:00:00"	0	"INF"	32	0	151.07	0	0
"2015-01-13	12:00:00"	0	"INF"	32	0	133.3	0	0
"2015-01-13	13:00:00"	0	"INF"	32	0	138.31	0	0
"2015-01-13	14:00:00"	0	"INF"	32	0	185.69	0	0
"2015-01-13	15:00:00"	0	"INF"	32	0	122.22	0	0
"2015-01-13	16:00:00"	0	"INF"	32	0	119.8	0	0
"2015-01-13	17:00:00"	0	"INF"	32	0	60.142	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-13	18:00:00"	0	"INF"	32	0	18.013	0	0
"2015-01-13	19:00:00"	0	"INF"	32	0	0.37584	0	0
"2015-01-13	20:00:00"	0	"INF"	32	0	0.08331	0	0
"2015-01-13	21:00:00"	0	"INF"	32	0	0.10133	0	0
"2015-01-13	22:00:00"	0	"INF"	32	0	0.0831	0	0
"2015-01-13	23:00:00"	0	"INF"	32	0	0.06571	0	0
"2015-01-14	00:00:00"	0	"INF"	32	0	0.06487	0	0
"2015-01-14	01:00:00"	0	"INF"	32	0	0.08288	0	0
"2015-01-14	02:00:00"	0	"INF"	32	0	0.0867	0	0
"2015-01-14	03:00:00"	0	"INF"	32	0	0.08691	0	0
"2015-01-14	04:00:00"	0	"INF"	32	0	0.07716	0	0
"2015-01-14	05:00:00"	0	"INF"	32	0	0.10345	0	0
"2015-01-14	06:00:00"	0	"INF"	32	0	0.07758	0	0
"2015-01-14	07:00:00"	0	"INF"	32	0	0.08076	0	0
"2015-01-14	08:00:00"	0	"INF"	32	0	0.14754	0	0
"2015-01-14	09:00:00"	0	"INF"	32	0	14.41	0	0
"2015-01-14	10:00:00"	0	"INF"	32	0	97.018	0	0
"2015-01-14	11:00:00"	0	"INF"	32	0	152.04	0	0.01
"2015-01-14	12:00:00"	0	"INF"	32	0	162.05	0	0.03
"2015-01-14	13:00:00"	0	"INF"	32	0	206.78	0	0
"2015-01-14	14:00:00"	0	"INF"	32	0	161.5	0	0
"2015-01-14	15:00:00"	0	"INF"	32	0	138.09	0	0
"2015-01-14	16:00:00"	0	"INF"	32	0	130.63	0	0
"2015-01-14	17:00:00"	0	"INF"	32	0	66.856	0	0
"2015-01-14	18:00:00"	0	"INF"	32	0	34.973	0	0
"2015-01-14	19:00:00"	0	"INF"	32	0	0.76843	0	0
"2015-01-14	20:00:00"	0	"INF"	32	0	0.04303	0	0
"2015-01-14	21:00:00"	0	"INF"	32	0	0.07356	0	0
"2015-01-14	22:00:00"	0	"INF"	32	0	0.07292	0	0
"2015-01-14	23:00:00"	0	"INF"	32	0	0.08394	0	0
"2015-01-15	00:00:00"	0	"INF"	32	0	0.0708	0	0
"2015-01-15	01:00:00"	0	"INF"	32	0	0.06317	0	0
"2015-01-15	02:00:00"	0	"INF"	32	0	0.06783	0	0
"2015-01-15	03:00:00"	0	"INF"	32	0	0.06232	0	0
"2015-01-15	04:00:00"	0	"INF"	32	0	0.06805	0	0
"2015-01-15	05:00:00"	0	"INF"	32	0	0.07907	0	0
"2015-01-15	06:00:00"	0	"INF"	32	0	0.05723	0	0
"2015-01-15	07:00:00"	0	"INF"	32	0	0.092	0	0
"2015-01-15	08:00:00"	0	"INF"	32	0	1.8642	0	0
"2015-01-15	09:00:00"	0	"INF"	32	0	110.25	0	0
"2015-01-15	10:00:00"	0	"INF"	32	0	270.42	0	0
"2015-01-15	11:00:00"	0	"INF"	32	0	441.52	0	0
"2015-01-15	12:00:00"	0	"INF"	32	0	567.94	0	0
"2015-01-15	13:00:00"	0	"INF"	32	0	637.24	0	0
"2015-01-15	14:00:00"	0	"INF"	32	0	640.03	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-15	15:00:00"	0	"INF"	32	0	576.55	0	0
"2015-01-15	16:00:00"	0	"INF"	32	0	454.9	0	0
"2015-01-15	17:00:00"	0	"INF"	32	0	286.74	0	0
"2015-01-15	18:00:00"	0	"INF"	32	0	108.37	0	0
"2015-01-15	19:00:00"	0	"INF"	32	0	3.3296	0	0
"2015-01-15	20:00:00"	0	"INF"	32	0	0.03349	0	0
"2015-01-15	21:00:00"	0	"INF"	32	0	0.05554	0	0
"2015-01-15	22:00:00"	0	"INF"	32	0	0.06508	0	0
"2015-01-15	23:00:00"	0	"INF"	32	0	0.05342	0	0
"2015-01-16	00:00:00"	0	"INF"	32	0	0.06889	0	0
"2015-01-16	01:00:00"	0	"INF"	32	0	0.09073	0	0
"2015-01-16	02:00:00"	0	"INF"	32	0	0.09412	0	0
"2015-01-16	03:00:00"	0	"INF"	32	0	0.08182	0	0
"2015-01-16	04:00:00"	0	"INF"	32	0	0.07356	0	0
"2015-01-16	05:00:00"	0	"INF"	32	0	0.07758	0	0
"2015-01-16	06:00:00"	0	"INF"	32	0	0.06868	0	0
"2015-01-16	07:00:00"	0	"INF"	32	0	0.08797	0	0
"2015-01-16	08:00:00"	0	"INF"	32	0	1.9318	0	0
"2015-01-16	09:00:00"	0	"INF"	32	0	107.2	0	0
"2015-01-16	10:00:00"	0	"INF"	32	0	241.38	0	0
"2015-01-16	11:00:00"	0	"INF"	32	0	447.19	0	0
"2015-01-16	12:00:00"	0	"INF"	32	0	559.27	0	0
"2015-01-16	13:00:00"	0	"INF"	32	0	584.34	0	0
"2015-01-16	14:00:00"	0	"INF"	32	0	641.07	0	0
"2015-01-16	15:00:00"	0	"INF"	32	0	599.45	0	0
"2015-01-16	16:00:00"	0	"INF"	32	0	467.45	0	0
"2015-01-16	17:00:00"	0	"INF"	32	0	286.75	0	0
"2015-01-16	18:00:00"	0	"INF"	32	0	95.528	0	0
"2015-01-16	19:00:00"	0	"INF"	32	0	1.3359	0	0
"2015-01-16	20:00:00"	0	"INF"	32	0	0.05639	0	0
"2015-01-16	21:00:00"	0	"INF"	32	0	0.0708	0	0
"2015-01-16	22:00:00"	0	"INF"	32	0	0.08246	0	0
"2015-01-16	23:00:00"	0	"INF"	32	0	0.07546	0	0
"2015-01-17	00:00:00"	0	"INF"	32	0	0.07631	0	0
"2015-01-17	01:00:00"	0	"INF"	32	0	0.07695	0	0
"2015-01-17	02:00:00"	0	"INF"	32	0	0.07059	0	0
"2015-01-17	03:00:00"	0	"INF"	32	0	0.09836	0	0
"2015-01-17	04:00:00"	0	"INF"	32	0	0.0566	0	0
"2015-01-17	05:00:00"	0	"INF"	32	0	0.06911	0	0
"2015-01-17	06:00:00"	0	"INF"	32	0	0.07101	0	0
"2015-01-17	07:00:00"	0	"INF"	32	0	0.07186	0	0
"2015-01-17	08:00:00"	0	"INF"	32	0	0.97829	0	0
"2015-01-17	09:00:00"	0	"INF"	32	0	101.44	0	0
"2015-01-17	10:00:00"	0	"INF"	32	0	285.94	0	0
"2015-01-17	11:00:00"	0	"INF"	32	0	449.37	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-17	12:00:00"	0	"INF"	32	0	568.49	0	0
"2015-01-17	13:00:00"	0	"INF"	32	0	639.95	0	0
"2015-01-17	14:00:00"	0	"INF"	32	0	641.44	0	0
"2015-01-17	15:00:00"	0	"INF"	32	0	569.55	0	0
"2015-01-17	16:00:00"	0	"INF"	32	0	451.57	0	0
"2015-01-17	17:00:00"	0	"INF"	32	0	274.37	0	0
"2015-01-17	18:00:00"	0	"INF"	32	0	98.51	0	0
"2015-01-17	19:00:00"	0	"INF"	32	0	1.5371	0	0
"2015-01-17	20:00:00"	0	"INF"	32	0	0.04939	0	0
"2015-01-17	21:00:00"	0	"INF"	32	0	0.06211	0	0
"2015-01-17	22:00:00"	0	"INF"	32	0	0.05215	0	0
"2015-01-17	23:00:00"	0	"INF"	32	0	0.0619	0	0
"2015-01-18	00:00:00"	0	"INF"	32	0	0.06677	0	0
"2015-01-18	01:00:00"	0	"INF"	32	0	0.06847	0	0
"2015-01-18	02:00:00"	0	"INF"	32	0	0.08055	0	0
"2015-01-18	03:00:00"	0	"INF"	32	0	0.06041	0	0
"2015-01-18	04:00:00"	0	"INF"	32	0	0.06084	0	0
"2015-01-18	05:00:00"	0	"INF"	32	0	0.06084	0	0
"2015-01-18	06:00:00"	0	"INF"	32	0	0.08606	0	0
"2015-01-18	07:00:00"	0	"INF"	32	0	0.08967	0	0
"2015-01-18	08:00:00"	0	"INF"	32	0	2.0778	0	0
"2015-01-18	09:00:00"	0	"INF"	32	0	101.69	0	0
"2015-01-18	10:00:00"	0	"INF"	32	0	282.82	0	0
"2015-01-18	11:00:00"	0	"INF"	32	0	459.82	0	0
"2015-01-18	12:00:00"	0	"INF"	32	0	572.04	0	0
"2015-01-18	13:00:00"	0	"INF"	32	0	584.58	0	0
"2015-01-18	14:00:00"	0	"INF"	32	0	663.23	0	0
"2015-01-18	15:00:00"	0	"INF"	32	0	594.78	0	0
"2015-01-18	16:00:00"	0	"INF"	32	0	470.93	0	0
"2015-01-18	17:00:00"	0	"INF"	32	0	305.15	0	0
"2015-01-18	18:00:00"	0	"INF"	32	0	122.71	0	0
"2015-01-18	19:00:00"	0	"INF"	32	0	4.8622	0	0
"2015-01-18	20:00:00"	0	"INF"	32	0	0.05999	0	0
"2015-01-18	21:00:00"	0	"INF"	32	0	0.04346	0	0
"2015-01-18	22:00:00"	0	"INF"	32	0	0.05088	0	0
"2015-01-18	23:00:00"	0	"INF"	32	0	0.07568	0	0
"2015-01-19	00:00:00"	0	"INF"	32	0	0.05787	0	0
"2015-01-19	01:00:00"	0	"INF"	32	0	0.08691	0	0
"2015-01-19	02:00:00"	0	"INF"	32	0	0.06571	0	0
"2015-01-19	03:00:00"	0	"INF"	32	0	0.04685	0	0
"2015-01-19	04:00:00"	0	"INF"	32	0	0.05405	0	0
"2015-01-19	05:00:00"	0	"INF"	32	0	0.05639	0	0
"2015-01-19	06:00:00"	0	"INF"	32	0	0.08352	0	0
"2015-01-19	07:00:00"	0	"INF"	32	0	0.07123	0	0
"2015-01-19	08:00:00"	0	"INF"	32	0	2.4797	0	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-19	09:00:00"		0 "INF"	32		0 67.412	0	0
"2015-01-19	10:00:00"		0 "INF"	32		0 255.78	0	0
"2015-01-19	11:00:00"		0 "INF"	32		0 423.85	0	0
"2015-01-19	12:00:00"		0 "INF"	32		0 583.78	0	0
"2015-01-19	13:00:00"		0 "INF"	32		0 652.49	0	0
"2015-01-19	14:00:00"		0 "INF"	32		0 655.04	0	0
"2015-01-19	15:00:00"		0 "INF"	32		0 593.58	0	0
"2015-01-19	16:00:00"		0 "INF"	32		0 471.05	0	0
"2015-01-19	17:00:00"		0 "INF"	32		0 302.93	0	0
"2015-01-19	18:00:00"		0 "INF"	32		0 120.98	0	0
"2015-01-19	19:00:00"		0 "INF"	32		0 5.6961	0	0
"2015-01-19	20:00:00"		0 "INF"	32		0 0.04367	0	0
"2015-01-19	21:00:00"		0 "INF"	32		0 0.04748	0	0
"2015-01-19	22:00:00"		0 "INF"	32		0 0.04494	0	0
"2015-01-19	23:00:00"		0 "INF"	32		0 0.06253	0	0
"2015-01-20	00:00:00"		0 "INF"	32		0 0.05745	0	0
"2015-01-20	01:00:00"		0 "INF"	32		0 0.06317	0	0
"2015-01-20	02:00:00"		0 "INF"	32		0 0.06105	0	0
"2015-01-20	03:00:00"		0 "INF"	32		0 0.05384	0	0
"2015-01-20	04:00:00"		0 "INF"	32		0 0.06084	0	0
"2015-01-20	05:00:00"		0 "INF"	32		0 0.06338	0	0
"2015-01-20	06:00:00"		0 "INF"	32		0 0.06253	0	0
"2015-01-20	07:00:00"		0 "INF"	32		0 0.06296	0	0
"2015-01-20	08:00:00"		0 "INF"	32		0 2.534	0	0
"2015-01-20	09:00:00"		0 "INF"	32		0 101.56	0	0
"2015-01-20	10:00:00"		0 "INF"	32		0 279.56	0	0
"2015-01-20	11:00:00"		0 "INF"	32		0 455.63	0	0
"2015-01-20	12:00:00"		0 "INF"	32		0 586.84	0	0
"2015-01-20	13:00:00"		0 "INF"	32		0 656.56	0	0
"2015-01-20	14:00:00"		0 "INF"	32		0 659.01	0	0
"2015-01-20	15:00:00"		0 "INF"	32		0 594.42	0	0
"2015-01-20	16:00:00"		0 "INF"	32		0 473.64	0	0
"2015-01-20	17:00:00"		0 "INF"	32		0 304.97	0	0
"2015-01-20	18:00:00"		0 "INF"	32		0 111.78	0	0
"2015-01-20	19:00:00"		0 "INF"	32		0 7.0685	0	0
"2015-01-20	20:00:00"		0 "INF"	32		0 0.08013	0	0
"2015-01-20	21:00:00"		0 "INF"	32		0 0.05787	0	0
"2015-01-20	22:00:00"		0 "INF"	32		0 0.0655	0	0
"2015-01-20	23:00:00"		0 "INF"	32		0 0.07334	0	0
"2015-01-21	00:00:00"		0 "INF"	32		0 0.06126	0	0
"2015-01-21	01:00:00"		0 "INF"	32		0 0.07123	0	0
"2015-01-21	02:00:00"		0 "INF"	32		0 0.06063	0	0
"2015-01-21	03:00:00"		0 "INF"	32		0 0.08055	0	0
"2015-01-21	04:00:00"		0 "INF"	32		0 0.06317	0	0
"2015-01-21	05:00:00"		0 "INF"	32		0 0.07589	0	0

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WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-21	06:00:00"	0	"INF"	32	0	0.08119	0	0
"2015-01-21	07:00:00"	0	"INF"	32	0	0.07038	0	0
"2015-01-21	08:00:00"	0	"INF"	32	0	1.9602	0	0
"2015-01-21	09:00:00"	0	"INF"	32	0	73.156	0	0
"2015-01-21	10:00:00"	0	"INF"	32	0	195.87	0	0
"2015-01-21	11:00:00"	0	"INF"	32	0	217.68	0	0
"2015-01-21	12:00:00"	0	"INF"	32	0	235.52	0	0
"2015-01-21	13:00:00"	0	"INF"	32	0	215.09	0	0
"2015-01-21	14:00:00"	0	"INF"	32	0	121.62	0	0
"2015-01-21	15:00:00"	0	"INF"	32	0	59.024	0	0
"2015-01-21	16:00:00"	0	"INF"	32	0	54.305	0	0
"2015-01-21	17:00:00"	0	"INF"	32	0	47.717	0	0
"2015-01-21	18:00:00"	0	"INF"	32	0	16.551	0	0
"2015-01-21	19:00:00"	0	"INF"	32	0	0.09772	0	0.01
"2015-01-21	20:00:00"	0	"INF"	32	0	0.06126	0	0
"2015-01-21	21:00:00"	0	"INF"	32	0	0.08394	0	0.07
"2015-01-21	22:00:00"	0	"INF"	32	0	0.06868	0	0.08
"2015-01-21	23:00:00"	0	"INF"	32	0	0.07123	0	0
"2015-01-22	00:00:00"	0	"INF"	32	0	0.07716	0	0
"2015-01-22	01:00:00"	0	"INF"	32	0	0.07652	0	0
"2015-01-22	02:00:00"	0	"INF"	32	0	0.07017	0	0
"2015-01-22	03:00:00"	0	"INF"	32	0	0.0672	0	0
"2015-01-22	04:00:00"	0	"INF"	32	0	0.08903	0	0.01
"2015-01-22	05:00:00"	0	"INF"	32	0	0.08013	0	0
"2015-01-22	06:00:00"	0	"INF"	32	0	0.06465	0	0
"2015-01-22	07:00:00"	0	"INF"	32	0	0.09369	0	0
"2015-01-22	08:00:00"	0	"INF"	32	0	0.4973	0	0
"2015-01-22	09:00:00"	0	"INF"	32	0	24.441	0	0
"2015-01-22	10:00:00"	0	"INF"	32	0	68.909	0	0
"2015-01-22	11:00:00"	0	"INF"	32	0	106.04	0	0
"2015-01-22	12:00:00"	0	"INF"	32	0	100.76	0	0
"2015-01-22	13:00:00"	0	"INF"	32	0	170.61	0	0
"2015-01-22	14:00:00"	0	"INF"	32	0	124.33	0	0
"2015-01-22	15:00:00"	0	"INF"	32	0	100.34	0	0
"2015-01-22	16:00:00"	0	"INF"	32	0	96.147	0	0
"2015-01-22	17:00:00"	0	"INF"	32	0	66.261	0	0
"2015-01-22	18:00:00"	0	"INF"	32	0	26.029	0	0
"2015-01-22	19:00:00"	0	"INF"	32	0	1.5614	0	0
"2015-01-22	20:00:00"	0	"INF"	32	0	0.08098	0	0
"2015-01-22	21:00:00"	0	"INF"	32	0	0.07568	0	0
"2015-01-22	22:00:00"	0	"INF"	32	0	0.1062	0	0
"2015-01-22	23:00:00"	0	"INF"	32	0	0.08182	0	0
"2015-01-23	00:00:00"	0	"INF"	32	0	0.08246	0	0
"2015-01-23	01:00:00"	0	"INF"	32	0	0.07568	0	0
"2015-01-23	02:00:00"	0	"INF"	32	0	0.07334	0	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-23	03:00:00"	0	"INF"	32	0	0.10896	0	0
"2015-01-23	04:00:00"	0	"INF"	32	0	0.07737	0	0
"2015-01-23	05:00:00"	0	"INF"	32	0	0.09666	0	0
"2015-01-23	06:00:00"	0	"INF"	32	0	0.0884	0	0
"2015-01-23	07:00:00"	0	"INF"	32	0	0.11426	0	0
"2015-01-23	08:00:00"	0	"INF"	32	0	1.6087	0	0
"2015-01-23	09:00:00"	0	"INF"	32	0	114.44	0	0
"2015-01-23	10:00:00"	0	"INF"	32	0	286.6	0	0
"2015-01-23	11:00:00"	0	"INF"	32	0	467.34	0	0
"2015-01-23	12:00:00"	0	"INF"	32	0	602.67	0	0.04
"2015-01-23	13:00:00"	0	"INF"	32	0	674.42	0	0.07
"2015-01-23	14:00:00"	0	"INF"	32	0	679.89	0	0.07
"2015-01-23	15:00:00"	0	"INF"	32	0	616.27	0	0
"2015-01-23	16:00:00"	0	"INF"	32	0	490.65	0	0
"2015-01-23	17:00:00"	0	"INF"	32	0	320.37	0	0
"2015-01-23	18:00:00"	0	"INF"	32	0	135.64	0	0
"2015-01-23	19:00:00"	0	"INF"	32	0	9.279	0	0
"2015-01-23	20:00:00"	0	"INF"	32	0	0.07504	0	0
"2015-01-23	21:00:00"	0	"INF"	32	0	0.09793	0	0
"2015-01-23	22:00:00"	0	"INF"	32	0	0.06423	0	0
"2015-01-23	23:00:00"	0	"INF"	32	0	0.07568	0	0
"2015-01-24	00:00:00"	0	"INF"	32	0	0.08479	0	0
"2015-01-24	01:00:00"	0	"INF"	32	0	0.07546	0	0
"2015-01-24	02:00:00"	0	"INF"	32	0	0.07907	0	0
"2015-01-24	03:00:00"	0	"INF"	32	0	0.09158	0	0
"2015-01-24	04:00:00"	0	"INF"	32	0	0.07589	0	0
"2015-01-24	05:00:00"	0	"INF"	32	0	0.08903	0	0
"2015-01-24	06:00:00"	0	"INF"	32	0	0.07864	0	0
"2015-01-24	07:00:00"	0	"INF"	32	0	0.07674	0	0
"2015-01-24	08:00:00"	0	"INF"	32	0	1.2615	0	0
"2015-01-24	09:00:00"	0	"INF"	32	0	66.194	0	0
"2015-01-24	10:00:00"	0	"INF"	32	0	178.02	0	0
"2015-01-24	11:00:00"	0	"INF"	32	0	331.79	0	0
"2015-01-24	12:00:00"	0	"INF"	32	0	443.33	0	0
"2015-01-24	13:00:00"	0	"INF"	32	0	503.52	0	0
"2015-01-24	14:00:00"	0	"INF"	32	0	571.71	0	0
"2015-01-24	15:00:00"	0	"INF"	32	0	497.09	0	0
"2015-01-24	16:00:00"	0	"INF"	32	0	487.89	0	0
"2015-01-24	17:00:00"	0	"INF"	32	0	313.57	0	0
"2015-01-24	18:00:00"	0	"INF"	32	0	138.65	0	0
"2015-01-24	19:00:00"	0	"INF"	32	0	6.2023	0	0
"2015-01-24	20:00:00"	0	"INF"	32	0	0.06084	0	0
"2015-01-24	21:00:00"	0	"INF"	32	0	0.05511	0	0
"2015-01-24	22:00:00"	0	"INF"	32	0	0.05702	0	0
"2015-01-24	23:00:00"	0	"INF"	32	0	0.06232	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-25	00:00:00"	0	"INF"	32	0	0.06126	0	0
"2015-01-25	01:00:00"	0	"INF"	32	0	0.04515	0	0
"2015-01-25	02:00:00"	0	"INF"	32	0	0.05957	0	0
"2015-01-25	03:00:00"	0	"INF"	32	0	0.06699	0	0
"2015-01-25	04:00:00"	0	"INF"	32	0	0.06826	0	0
"2015-01-25	05:00:00"	0	"INF"	32	0	0.05405	0	0
"2015-01-25	06:00:00"	0	"INF"	32	0	0.07229	0	0
"2015-01-25	07:00:00"	0	"INF"	32	0	0.06783	0	0
"2015-01-25	08:00:00"	0	"INF"	32	0	4.0647	0	0
"2015-01-25	09:00:00"	0	"INF"	32	0	72.825	0	0
"2015-01-25	10:00:00"	0	"INF"	32	0	215.66	0	0
"2015-01-25	11:00:00"	0	"INF"	32	0	400.44	0	0
"2015-01-25	12:00:00"	0	"INF"	32	0	606.6	0	0
"2015-01-25	13:00:00"	0	"INF"	32	0	646.05	0	0
"2015-01-25	14:00:00"	0	"INF"	32	0	664.28	0	0
"2015-01-25	15:00:00"	0	"INF"	32	0	625.2	0	0
"2015-01-25	16:00:00"	0	"INF"	32	0	495.88	0	0
"2015-01-25	17:00:00"	0	"INF"	32	0	324.07	0	0
"2015-01-25	18:00:00"	0	"INF"	32	0	129.76	0	0
"2015-01-25	19:00:00"	0	"INF"	32	0	2.5705	0	0
"2015-01-25	20:00:00"	0	"INF"	32	0	0.06465	0	0
"2015-01-25	21:00:00"	0	"INF"	32	0	0.06232	0	0
"2015-01-25	22:00:00"	0	"INF"	32	0	0.05935	0	0
"2015-01-25	23:00:00"	0	"INF"	32	0	0.0619	0	0
"2015-01-26	00:00:00"	0	"INF"	32	0	0.05914	0	0
"2015-01-26	01:00:00"	0	"INF"	32	0	0.07207	0	0
"2015-01-26	02:00:00"	0	"INF"	32	0	0.05829	0	0
"2015-01-26	03:00:00"	0	"INF"	32	0	0.06041	0	0
"2015-01-26	04:00:00"	0	"INF"	32	0	0.0672	0	0
"2015-01-26	05:00:00"	0	"INF"	32	0	0.08331	0	0
"2015-01-26	06:00:00"	0	"INF"	32	0	0.05342	0	0
"2015-01-26	07:00:00"	0	"INF"	32	0	0.05384	0	0
"2015-01-26	08:00:00"	0	"INF"	32	0	1.4512	0	0
"2015-01-26	09:00:00"	0	"INF"	32	0	73.428	0	0
"2015-01-26	10:00:00"	0	"INF"	32	0	216.39	0	0
"2015-01-26	11:00:00"	0	"INF"	32	0	332.13	0	0
"2015-01-26	12:00:00"	0	"INF"	32	0	415.45	0	0
"2015-01-26	13:00:00"	0	"INF"	32	0	468.75	0	0
"2015-01-26	14:00:00"	0	"INF"	32	0	718.4	0	0
"2015-01-26	15:00:00"	0	"INF"	32	0	605.87	0	0
"2015-01-26	16:00:00"	0	"INF"	32	0	419.24	0	0
"2015-01-26	17:00:00"	0	"INF"	32	0	229.5	0	0
"2015-01-26	18:00:00"	0	"INF"	32	0	77.469	0	0
"2015-01-26	19:00:00"	0	"INF"	32	0	3.1697	0	0
"2015-01-26	20:00:00"	0	"INF"	32	0	0.06635	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-26	21:00:00"	0	"INF"	32	0	0.04091	0	0
"2015-01-26	22:00:00"	0	"INF"	32	0	0.05278	0	0
"2015-01-26	23:00:00"	0	"INF"	32	0	0.0602	0	0
"2015-01-27	00:00:00"	0	"INF"	32	0	0.07462	0	0
"2015-01-27	01:00:00"	0	"INF"	32	0	0.05808	0	0
"2015-01-27	02:00:00"	0	"INF"	32	0	0.06211	0	0
"2015-01-27	03:00:00"	0	"INF"	32	0	0.07504	0	0
"2015-01-27	04:00:00"	0	"INF"	32	0	0.07525	0	0
"2015-01-27	05:00:00"	0	"INF"	32	0	0.05829	0	0
"2015-01-27	06:00:00"	0	"INF"	32	0	0.05681	0	0
"2015-01-27	07:00:00"	0	"INF"	32	0	0.05702	0	0
"2015-01-27	08:00:00"	0	"INF"	32	0	4.0715	0	0
"2015-01-27	09:00:00"	0	"INF"	32	0	111.99	0	0
"2015-01-27	10:00:00"	0	"INF"	32	0	295.86	0	0
"2015-01-27	11:00:00"	0	"INF"	32	0	470.59	0	0
"2015-01-27	12:00:00"	0	"INF"	32	0	582.9	0	0
"2015-01-27	13:00:00"	0	"INF"	32	0	669.08	0	0
"2015-01-27	14:00:00"	0	"INF"	32	0	666.4	0	0
"2015-01-27	15:00:00"	0	"INF"	32	0	603.85	0	0
"2015-01-27	16:00:00"	0	"INF"	32	0	485.4	0	0
"2015-01-27	17:00:00"	0	"INF"	32	0	318.92	0	0
"2015-01-27	18:00:00"	0	"INF"	32	0	137.31	0	0
"2015-01-27	19:00:00"	0	"INF"	32	0	10.855	0	0
"2015-01-27	20:00:00"	0	"INF"	32	0	0.06593	0	0
"2015-01-27	21:00:00"	0	"INF"	32	0	0.05427	0	0
"2015-01-27	22:00:00"	0	"INF"	32	0	0.04388	0	0
"2015-01-27	23:00:00"	0	"INF"	32	0	0.07419	0	0
"2015-01-28	00:00:00"	0	"INF"	32	0	0.05745	0	0
"2015-01-28	01:00:00"	0	"INF"	32	0	0.05448	0	0
"2015-01-28	02:00:00"	0	"INF"	32	0	0.05384	0	0
"2015-01-28	03:00:00"	0	"INF"	32	0	0.05172	0	0
"2015-01-28	04:00:00"	0	"INF"	32	0	0.05088	0	0
"2015-01-28	05:00:00"	0	"INF"	32	0	0.07801	0	0
"2015-01-28	06:00:00"	0	"INF"	32	0	0.0424	0	0
"2015-01-28	07:00:00"	0	"INF"	32	0	0.0602	0	0
"2015-01-28	08:00:00"	0	"INF"	32	0	5.4858	0	0
"2015-01-28	09:00:00"	0	"INF"	32	0	88.908	0	0
"2015-01-28	10:00:00"	0	"INF"	32	0	250.42	0	0
"2015-01-28	11:00:00"	0	"INF"	32	0	349.53	0	0
"2015-01-28	12:00:00"	0	"INF"	32	0	583.88	0	0
"2015-01-28	13:00:00"	0	"INF"	32	0	669.52	0	0
"2015-01-28	14:00:00"	0	"INF"	32	0	673.17	0	0
"2015-01-28	15:00:00"	0	"INF"	32	0	611.92	0	0
"2015-01-28	16:00:00"	0	"INF"	32	0	492.73	0	0
"2015-01-28	17:00:00"	0	"INF"	32	0	314.02	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-28	18:00:00"	0	"INF"	32	0	132.21	0	0
"2015-01-28	19:00:00"	0	"INF"	32	0	5.6796	0	0
"2015-01-28	20:00:00"	0	"INF"	32	0	0.046	0	0
"2015-01-28	21:00:00"	0	"INF"	32	0	0.04727	0	0
"2015-01-28	22:00:00"	0	"INF"	32	0	0.06211	0	0
"2015-01-28	23:00:00"	0	"INF"	32	0	0.05109	0	0
"2015-01-29	00:00:00"	0	"INF"	32	0	0.06041	0	0
"2015-01-29	01:00:00"	0	"INF"	32	0	0.0566	0	0
"2015-01-29	02:00:00"	0	"INF"	32	0	0.04939	0	0
"2015-01-29	03:00:00"	0	"INF"	32	0	0.06084	0	0
"2015-01-29	04:00:00"	0	"INF"	32	0	0.0513	0	0
"2015-01-29	05:00:00"	0	"INF"	32	0	0.08013	0	0
"2015-01-29	06:00:00"	0	"INF"	32	0	0.05257	0	0
"2015-01-29	07:00:00"	0	"INF"	32	0	0.06359	0	0
"2015-01-29	08:00:00"	0	"INF"	32	0	4.7168	0	0
"2015-01-29	09:00:00"	0	"INF"	32	0	86.926	0	0
"2015-01-29	10:00:00"	0	"INF"	32	0	186.99	0	0
"2015-01-29	11:00:00"	0	"INF"	32	0	308.55	0	0
"2015-01-29	12:00:00"	0	"INF"	32	0	420.93	0	0
"2015-01-29	13:00:00"	0	"INF"	32	0	390.75	0	0
"2015-01-29	14:00:00"	0	"INF"	32	0	407.27	0	0
"2015-01-29	15:00:00"	0	"INF"	32	0	431.21	0	0
"2015-01-29	16:00:00"	0	"INF"	32	0	216.26	0	0
"2015-01-29	17:00:00"	0	"INF"	32	0	170.21	0	0
"2015-01-29	18:00:00"	0	"INF"	32	0	45.637	0	0
"2015-01-29	19:00:00"	0	"INF"	32	0	2.5605	0	0
"2015-01-29	20:00:00"	0	"INF"	32	0	0.04897	0	0
"2015-01-29	21:00:00"	0	"INF"	32	0	0.05596	0	0
"2015-01-29	22:00:00"	0	"INF"	32	0	0.05533	0	0
"2015-01-29	23:00:00"	0	"INF"	32	0	0.05236	0	0
"2015-01-30	00:00:00"	0	"INF"	32	0	0.05533	0	0.01
"2015-01-30	01:00:00"	0	"INF"	32	0	0.08522	0	0.02
"2015-01-30	02:00:00"	0	"INF"	32	0	0.0744	0	0
"2015-01-30	03:00:00"	0	"INF"	32	0	0.07822	0	0
"2015-01-30	04:00:00"	0	"INF"	32	0	0.07928	0	0
"2015-01-30	05:00:00"	0	"INF"	32	0	0.07356	0	0
"2015-01-30	06:00:00"	0	"INF"	32	0	0.07229	0	0
"2015-01-30	07:00:00"	0	"INF"	32	0	0.07017	0	0
"2015-01-30	08:00:00"	0	"INF"	32	0	0.37181	0	0
"2015-01-30	09:00:00"	0	"INF"	32	0	14.765	0	0
"2015-01-30	10:00:00"	0	"INF"	32	0	46.786	0	0
"2015-01-30	11:00:00"	0	"INF"	32	0	131.45	0	0
"2015-01-30	12:00:00"	0	"INF"	32	0	258.63	0	0
"2015-01-30	13:00:00"	0	"INF"	32	0	255.83	0	0
"2015-01-30	14:00:00"	0	"INF"	32	0	246.97	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-01-30"	15:00:00"	0	"INF"	32	0	122.97	0	0
"2015-01-30"	16:00:00"	0	"INF"	32	0	110.41	0	0
"2015-01-30"	17:00:00"	0	"INF"	32	0	48.763	0	0
"2015-01-30"	18:00:00"	0	"INF"	32	0	24.169	0	0
"2015-01-30"	19:00:00"	0	"INF"	32	0	1.075	0	0
"2015-01-30"	20:00:00"	0	"INF"	32	0	0.08204	0	0
"2015-01-30"	21:00:00"	0	"INF"	32	0	0.05808	0	0.03
"2015-01-30"	22:00:00"	0	"INF"	32	0	0.08924	0	0
"2015-01-30"	23:00:00"	0	"INF"	32	0	0.10048	0	0.05
"2015-01-31"	00:00:00"	0	"INF"	32	0	0.08543	0	0.01
"2015-01-31"	01:00:00"	0	"INF"	32	0	0.06444	0	0.03
"2015-01-31"	02:00:00"	0	"INF"	32	0	0.12168	0	0.04
"2015-01-31"	03:00:00"	0	"INF"	32	0	0.06465	0	0.05
"2015-01-31"	04:00:00"	0	"INF"	32	0	0.09094	0	0.08
"2015-01-31"	05:00:00"	0	"INF"	32	0	0.07758	0	0.1
"2015-01-31"	06:00:00"	0	"INF"	32	0	0.08691	0	0.06
"2015-01-31"	07:00:00"	0	"INF"	32	0	0.04494	0	0.03
"2015-01-31"	08:00:00"	0	"INF"	32	0	0.25353	0	0
"2015-01-31"	09:00:00"	0	"INF"	32	0	8.4162	0	0
"2015-01-31"	10:00:00"	0	"INF"	32	0	17.763	0	0
"2015-01-31"	11:00:00"	0	"INF"	32	0	48.048	0	0.01
"2015-01-31"	12:00:00"	0	"INF"	32	0	76.414	0	0
"2015-01-31"	13:00:00"	0	"INF"	32	0	87.998	0	0
"2015-01-31"	14:00:00"	0	"INF"	32	0	81.73	0	0
"2015-01-31"	15:00:00"	0	"INF"	32	0	87.163	0	0
"2015-01-31"	16:00:00"	0	"INF"	32	0	104.83	0	0
"2015-01-31"	17:00:00"	0	"INF"	32	0	54.872	0	0
"2015-01-31"	18:00:00"	0	"INF"	32	0	21.542	0	0
"2015-01-31"	19:00:00"	0	"INF"	32	0	1.0075	0	0
"2015-01-31"	20:00:00"	0	"INF"	32	0	0.06253	0	0
"2015-01-31"	21:00:00"	0	"INF"	32	0	0.06995	0	0
"2015-01-31"	22:00:00"	0	"INF"	32	0	0.05702	0	0
"2015-01-31"	23:00:00"	0	"INF"	32	0	0.07907	0	0
"2015-02-01"	00:00:00"	0	"INF"	32	0	0.05745	0	0
"2015-02-01"	01:00:00"	0	"INF"	32	0	0.05554	0	0
"2015-02-01"	02:00:00"	0	"INF"	32	0	0.06359	0	0
"2015-02-01"	03:00:00"	0	"INF"	32	0	0.05808	0	0
"2015-02-01"	04:00:00"	0	"INF"	32	0	0.06487	0	0
"2015-02-01"	05:00:00"	0	"INF"	32	0	0.06508	0	0
"2015-02-01"	06:00:00"	0	"INF"	32	0	0.06571	0	0
"2015-02-01"	07:00:00"	0	"INF"	32	0	0.05511	0	0
"2015-02-01"	08:00:00"	0	"INF"	32	0	5.1577	0	0.01
"2015-02-01"	09:00:00"	0	"INF"	32	0	77.544	0	0
"2015-02-01"	10:00:00"	0	"INF"	32	0	165.6	0	0
"2015-02-01"	11:00:00"	0	"INF"	32	0	224.14	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-01	12:00:00"		0 "INF"	32		0 333.9	0	0
"2015-02-01	13:00:00"		0 "INF"	32		0 368.09	0	0
"2015-02-01	14:00:00"		0 "INF"	32		0 467.6	0	0
"2015-02-01	15:00:00"		0 "INF"	32		0 562.66	0	0
"2015-02-01	16:00:00"		0 "INF"	32		0 514.14	0	0
"2015-02-01	17:00:00"		0 "INF"	32		0 355.46	0	0
"2015-02-01	18:00:00"		0 "INF"	32		0 139.79	0	0
"2015-02-01	19:00:00"		0 "INF"	32		0 9.8055	0	0
"2015-02-01	20:00:00"		0 "INF"	32		0 0.07695	0	0
"2015-02-01	21:00:00"		0 "INF"	32		0 0.06381	0	0
"2015-02-01	22:00:00"		0 "INF"	32		0 0.0672	0	0
"2015-02-01	23:00:00"		0 "INF"	32		0 0.08924	0	0
"2015-02-02	00:00:00"		0 "INF"	32		0 0.08437	0	0
"2015-02-02	01:00:00"		0 "INF"	32		0 0.06805	0	0
"2015-02-02	02:00:00"		0 "INF"	32		0 0.06253	0	0
"2015-02-02	03:00:00"		0 "INF"	32		0 0.07123	0	0
"2015-02-02	04:00:00"		0 "INF"	32		0 0.07123	0	0
"2015-02-02	05:00:00"		0 "INF"	32		0 0.10239	0	0
"2015-02-02	06:00:00"		0 "INF"	32		0 0.06868	0	0
"2015-02-02	07:00:00"		0 "INF"	32		0 0.06932	0	0
"2015-02-02	08:00:00"		0 "INF"	32		0 2.3042	0	0
"2015-02-02	09:00:00"		0 "INF"	32		0 70.851	0	0
"2015-02-02	10:00:00"		0 "INF"	32		0 290.31	0	0
"2015-02-02	11:00:00"		0 "INF"	32		0 495.4	0	0
"2015-02-02	12:00:00"		0 "INF"	32		0 629.58	0	0
"2015-02-02	13:00:00"		0 "INF"	32		0 708.03	0	0
"2015-02-02	14:00:00"		0 "INF"	32		0 706.3	0	0
"2015-02-02	15:00:00"		0 "INF"	32		0 649.6	0	0
"2015-02-02	16:00:00"		0 "INF"	32		0 527.08	0	0
"2015-02-02	17:00:00"		0 "INF"	32		0 349.41	0	0
"2015-02-02	18:00:00"		0 "INF"	32		0 147.61	0	0
"2015-02-02	19:00:00"		0 "INF"	32		0 16.885	0	0
"2015-02-02	20:00:00"		0 "INF"	32		0 0.06232	0	0
"2015-02-02	21:00:00"		0 "INF"	32		0 0.06359	0	0
"2015-02-02	22:00:00"		0 "INF"	32		0 0.06338	0	0
"2015-02-02	23:00:00"		0 "INF"	32		0 0.07313	0	0
"2015-02-03	00:00:00"		0 "INF"	32		0 0.05533	0	0
"2015-02-03	01:00:00"		0 "INF"	32		0 0.09942	0	0
"2015-02-03	02:00:00"		0 "INF"	32		0 0.08606	0	0
"2015-02-03	03:00:00"		0 "INF"	32		0 0.08522	0	0
"2015-02-03	04:00:00"		0 "INF"	32		0 0.08055	0	0
"2015-02-03	05:00:00"		0 "INF"	32		0 0.06699	0	0
"2015-02-03	06:00:00"		0 "INF"	32		0 0.08691	0	0
"2015-02-03	07:00:00"		0 "INF"	32		0 0.08098	0	0
"2015-02-03	08:00:00"		0 "INF"	32		0 1.7493	0	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-03	09:00:00"		0 "INF"	32		0 54.01	0	0
"2015-02-03	10:00:00"		0 "INF"	32		0 296.39	0	0
"2015-02-03	11:00:00"		0 "INF"	32		0 483.2	0	0
"2015-02-03	12:00:00"		0 "INF"	32		0 566.81	0	0
"2015-02-03	13:00:00"		0 "INF"	32		0 717.2	0	0
"2015-02-03	14:00:00"		0 "INF"	32		0 720.34	0	0
"2015-02-03	15:00:00"		0 "INF"	32		0 660.38	0	0
"2015-02-03	16:00:00"		0 "INF"	32		0 526.46	0	0
"2015-02-03	17:00:00"		0 "INF"	32		0 360.26	0	0
"2015-02-03	18:00:00"		0 "INF"	32		0 165.25	0	0
"2015-02-03	19:00:00"		0 "INF"	32		0 18.148	0	0
"2015-02-03	20:00:00"		0 "INF"	32		0 0.08458	0	0
"2015-02-03	21:00:00"		0 "INF"	32		0 0.07334	0	0
"2015-02-03	22:00:00"		0 "INF"	32		0 0.06995	0	0
"2015-02-03	23:00:00"		0 "INF"	32		0 0.06211	0	0
"2015-02-04	00:00:00"		0 "INF"	32		0 0.07398	0	0
"2015-02-04	01:00:00"		0 "INF"	32		0 0.06783	0	0
"2015-02-04	02:00:00"		0 "INF"	32		0 0.07822	0	0
"2015-02-04	03:00:00"		0 "INF"	32		0 0.06253	0	0
"2015-02-04	04:00:00"		0 "INF"	32		0 0.06953	0	0
"2015-02-04	05:00:00"		0 "INF"	32		0 0.05342	0	0
"2015-02-04	06:00:00"		0 "INF"	32		0 0.06889	0	0
"2015-02-04	07:00:00"		0 "INF"	32		0 0.07674	0	0
"2015-02-04	08:00:00"		0 "INF"	32		0 9.5327	0	0
"2015-02-04	09:00:00"		0 "INF"	32		0 154.33	0	0
"2015-02-04	10:00:00"		0 "INF"	32		0 329.82	0	0
"2015-02-04	11:00:00"		0 "INF"	32		0 497.4	0	0
"2015-02-04	12:00:00"		0 "INF"	32		0 630.58	0	0
"2015-02-04	13:00:00"		0 "INF"	32		0 704.96	0	0
"2015-02-04	14:00:00"		0 "INF"	32		0 694.73	0	0
"2015-02-04	15:00:00"		0 "INF"	32		0 641.61	0	0
"2015-02-04	16:00:00"		0 "INF"	32		0 528.19	0	0
"2015-02-04	17:00:00"		0 "INF"	32		0 342.14	0	0
"2015-02-04	18:00:00"		0 "INF"	32		0 136.76	0	0
"2015-02-04	19:00:00"		0 "INF"	32		0 11.261	0	0
"2015-02-04	20:00:00"		0 "INF"	32		0 0.0672	0	0
"2015-02-04	21:00:00"		0 "INF"	32		0 0.07186	0	0
"2015-02-04	22:00:00"		0 "INF"	32		0 0.07334	0	0
"2015-02-04	23:00:00"		0 "INF"	32		0 0.06063	0	0
"2015-02-05	00:00:00"		0 "INF"	32		0 0.07546	0	0
"2015-02-05	01:00:00"		0 "INF"	32		0 0.05342	0	0
"2015-02-05	02:00:00"		0 "INF"	32		0 0.08246	0	0
"2015-02-05	03:00:00"		0 "INF"	32		0 0.06614	0	0
"2015-02-05	04:00:00"		0 "INF"	32		0 0.10005	0	0
"2015-02-05	05:00:00"		0 "INF"	32		0 0.09073	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-05	06:00:00"		0 "INF"	32		0 0.08416	0	0
"2015-02-05	07:00:00"		0 "INF"	32		0 0.06593	0	0
"2015-02-05	08:00:00"		0 "INF"	32		0 1.7408	0	0
"2015-02-05	09:00:00"		0 "INF"	32		0 22.743	0	0
"2015-02-05	10:00:00"		0 "INF"	32		0 77.983	0	0
"2015-02-05	11:00:00"		0 "INF"	32		0 207.35	0	0
"2015-02-05	12:00:00"		0 "INF"	32		0 542.66	0	0
"2015-02-05	13:00:00"		0 "INF"	32		0 731.96	0	0
"2015-02-05	14:00:00"		0 "INF"	32		0 730.13	0	0
"2015-02-05	15:00:00"		0 "INF"	32		0 670.53	0	0
"2015-02-05	16:00:00"		0 "INF"	32		0 547.57	0	0
"2015-02-05	17:00:00"		0 "INF"	32		0 374.33	0	0
"2015-02-05	18:00:00"		0 "INF"	32		0 173.88	0	0
"2015-02-05	19:00:00"		0 "INF"	32		0 19.359	0	0
"2015-02-05	20:00:00"		0 "INF"	32		0 0.07483	0	0
"2015-02-05	21:00:00"		0 "INF"	32		0 0.08394	0	0
"2015-02-05	22:00:00"		0 "INF"	32		0 0.06529	0	0
"2015-02-05	23:00:00"		0 "INF"	32		0 0.08882	0	0
"2015-02-06	00:00:00"		0 "INF"	32		0 0.07207	0	0
"2015-02-06	01:00:00"		0 "INF"	32		0 0.09921	0	0
"2015-02-06	02:00:00"		0 "INF"	32		0 0.07843	0	0
"2015-02-06	03:00:00"		0 "INF"	32		0 0.06571	0	0
"2015-02-06	04:00:00"		0 "INF"	32		0 0.06169	0	0
"2015-02-06	05:00:00"		0 "INF"	32		0 0.09052	0	0
"2015-02-06	06:00:00"		0 "INF"	32		0 0.07356	0	0
"2015-02-06	07:00:00"		0 "INF"	32		0 0.0831	0	0
"2015-02-06	08:00:00"		0 "INF"	32		0 6.062	0	0
"2015-02-06	09:00:00"		0 "INF"	32		0 130.46	0	0.01
"2015-02-06	10:00:00"		0 "INF"	32		0 328.26	0	0
"2015-02-06	11:00:00"		0 "INF"	32		0 513.89	0	0
"2015-02-06	12:00:00"		0 "INF"	32		0 653.99	0	0
"2015-02-06	13:00:00"		0 "INF"	32		0 728.63	0	0
"2015-02-06	14:00:00"		0 "INF"	32		0 734.77	0	0
"2015-02-06	15:00:00"		0 "INF"	32		0 675.35	0	0
"2015-02-06	16:00:00"		0 "INF"	32		0 553.76	0	0
"2015-02-06	17:00:00"		0 "INF"	32		0 381.48	0	0
"2015-02-06	18:00:00"		0 "INF"	32		0 184.25	0	0
"2015-02-06	19:00:00"		0 "INF"	32		0 24.393	0	0
"2015-02-06	20:00:00"		0 "INF"	32		0 0.05151	0	0
"2015-02-06	21:00:00"		0 "INF"	32		0 0.05893	0	0
"2015-02-06	22:00:00"		0 "INF"	32		0 0.06465	0	0
"2015-02-06	23:00:00"		0 "INF"	32		0 0.05363	0	0
"2015-02-07	00:00:00"		0 "INF"	32		0 0.06063	0	0
"2015-02-07	01:00:00"		0 "INF"	32		0 0.06084	0	0
"2015-02-07	02:00:00"		0 "INF"	32		0 0.07652	0	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-07	03:00:00"		0 "INF"	32		0 0.07101	0	0
"2015-02-07	04:00:00"		0 "INF"	32		0 0.08649	0	0
"2015-02-07	05:00:00"		0 "INF"	32		0 0.06635	0	0
"2015-02-07	06:00:00"		0 "INF"	32		0 0.05808	0	0
"2015-02-07	07:00:00"		0 "INF"	32		0 0.05893	0	0
"2015-02-07	08:00:00"		0 "INF"	32		0 9.4448	0	0
"2015-02-07	09:00:00"		0 "INF"	32		0 137.95	0	0
"2015-02-07	10:00:00"		0 "INF"	32		0 334.83	0	0
"2015-02-07	11:00:00"		0 "INF"	32		0 518.41	0	0
"2015-02-07	12:00:00"		0 "INF"	32		0 657.33	0	0
"2015-02-07	13:00:00"		0 "INF"	32		0 731.87	0	0
"2015-02-07	14:00:00"		0 "INF"	32		0 740.19	0	0
"2015-02-07	15:00:00"		0 "INF"	32		0 680.06	0	0
"2015-02-07	16:00:00"		0 "INF"	32		0 556.74	0	0
"2015-02-07	17:00:00"		0 "INF"	32		0 382.62	0	0
"2015-02-07	18:00:00"		0 "INF"	32		0 183.58	0	0
"2015-02-07	19:00:00"		0 "INF"	32		0 25.188	0	0
"2015-02-07	20:00:00"		0 "INF"	32		0 0.07059	0	0
"2015-02-07	21:00:00"		0 "INF"	32		0 0.05511	0	0
"2015-02-07	22:00:00"		0 "INF"	32		0 0.04876	0	0
"2015-02-07	23:00:00"		0 "INF"	32		0 0.04282	0	0
"2015-02-08	00:00:00"		0 "INF"	32		0 0.06084	0	0
"2015-02-08	01:00:00"		0 "INF"	32		0 0.0549	0	0
"2015-02-08	02:00:00"		0 "INF"	32		0 0.05575	0	0
"2015-02-08	03:00:00"		0 "INF"	32		0 0.04197	0	0
"2015-02-08	04:00:00"		0 "INF"	32		0 0.0443	0	0
"2015-02-08	05:00:00"		0 "INF"	32		0 0.05999	0	0
"2015-02-08	06:00:00"		0 "INF"	32		0 0.06635	0	0
"2015-02-08	07:00:00"		0 "INF"	32		0 0.05596	0	0
"2015-02-08	08:00:00"		0 "INF"	32		0 9.9374	0	0
"2015-02-08	09:00:00"		0 "INF"	32		0 140.19	0	0
"2015-02-08	10:00:00"		0 "INF"	32		0 336.51	0	0
"2015-02-08	11:00:00"		0 "INF"	32		0 518.16	0	0
"2015-02-08	12:00:00"		0 "INF"	32		0 650.52	0	0
"2015-02-08	13:00:00"		0 "INF"	32		0 723.64	0	0
"2015-02-08	14:00:00"		0 "INF"	32		0 729	0	0
"2015-02-08	15:00:00"		0 "INF"	32		0 667.36	0	0
"2015-02-08	16:00:00"		0 "INF"	32		0 545.47	0	0
"2015-02-08	17:00:00"		0 "INF"	32		0 373.57	0	0
"2015-02-08	18:00:00"		0 "INF"	32		0 177.69	0	0
"2015-02-08	19:00:00"		0 "INF"	32		0 20.932	0	0
"2015-02-08	20:00:00"		0 "INF"	32		0 0.04664	0	0
"2015-02-08	21:00:00"		0 "INF"	32		0 0.04261	0	0
"2015-02-08	22:00:00"		0 "INF"	32		0 0.05575	0	0
"2015-02-08	23:00:00"		0 "INF"	32		0 0.06317	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-09	00:00:00"		0 "INF"	32		0 0.04791	0	0
"2015-02-09	01:00:00"		0 "INF"	32		0 0.06762	0	0
"2015-02-09	02:00:00"		0 "INF"	32		0 0.05024	0	0
"2015-02-09	03:00:00"		0 "INF"	32		0 0.05511	0	0
"2015-02-09	04:00:00"		0 "INF"	32		0 0.06423	0	0
"2015-02-09	05:00:00"		0 "INF"	32		0 0.07059	0	0
"2015-02-09	06:00:00"		0 "INF"	32		0 0.07377	0	0
"2015-02-09	07:00:00"		0 "INF"	32		0 0.07398	0	0
"2015-02-09	08:00:00"		0 "INF"	32		0 10.345	0	0
"2015-02-09	09:00:00"		0 "INF"	32		0 141.64	0	0
"2015-02-09	10:00:00"		0 "INF"	32		0 339.74	0	0
"2015-02-09	11:00:00"		0 "INF"	32		0 525.54	0	0
"2015-02-09	12:00:00"		0 "INF"	32		0 662.94	0	0
"2015-02-09	13:00:00"		0 "INF"	32		0 738.79	0	0
"2015-02-09	14:00:00"		0 "INF"	32		0 747.53	0	0
"2015-02-09	15:00:00"		0 "INF"	32		0 687.6	0	0
"2015-02-09	16:00:00"		0 "INF"	32		0 565.3	0	0
"2015-02-09	17:00:00"		0 "INF"	32		0 389.69	0	0
"2015-02-09	18:00:00"		0 "INF"	32		0 188.34	0	0
"2015-02-09	19:00:00"		0 "INF"	32		0 26.46	0	0
"2015-02-09	20:00:00"		0 "INF"	32		0 0.05299	0	0
"2015-02-09	21:00:00"		0 "INF"	32		0 0.06423	0	0
"2015-02-09	22:00:00"		0 "INF"	32		0 0.05723	0	0
"2015-02-09	23:00:00"		0 "INF"	32		0 0.05702	0	0
"2015-02-10	00:00:00"		0 "INF"	32		0 0.05893	0	0
"2015-02-10	01:00:00"		0 "INF"	32		0 0.05851	0	0
"2015-02-10	02:00:00"		0 "INF"	32		0 0.07334	0	0
"2015-02-10	03:00:00"		0 "INF"	32		0 0.04833	0	0
"2015-02-10	04:00:00"		0 "INF"	32		0 0.07356	0	0
"2015-02-10	05:00:00"		0 "INF"	32		0 0.06169	0	0
"2015-02-10	06:00:00"		0 "INF"	32		0 0.06995	0	0
"2015-02-10	07:00:00"		0 "INF"	32		0 0.05639	0	0
"2015-02-10	08:00:00"		0 "INF"	32		0 11.15	0	0
"2015-02-10	09:00:00"		0 "INF"	32		0 145.88	0	0
"2015-02-10	10:00:00"		0 "INF"	32		0 345.47	0	0
"2015-02-10	11:00:00"		0 "INF"	32		0 530	0	0
"2015-02-10	12:00:00"		0 "INF"	32		0 665.68	0	0
"2015-02-10	13:00:00"		0 "INF"	32		0 739.58	0	0
"2015-02-10	14:00:00"		0 "INF"	32		0 747.7	0	0
"2015-02-10	15:00:00"		0 "INF"	32		0 689.41	0	0
"2015-02-10	16:00:00"		0 "INF"	32		0 564.36	0	0
"2015-02-10	17:00:00"		0 "INF"	32		0 388.93	0	0
"2015-02-10	18:00:00"		0 "INF"	32		0 189.28	0	0
"2015-02-10	19:00:00"		0 "INF"	32		0 28	0	0
"2015-02-10	20:00:00"		0 "INF"	32		0 0.04155	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-10"	21:00:00"	0	"INF"	32	0	0.05723	0	0
"2015-02-10"	22:00:00"	0	"INF"	32	0	0.06932	0	0
"2015-02-10"	23:00:00"	0	"INF"	32	0	0.04918	0	0
"2015-02-11"	00:00:00"	0	"INF"	32	0	0.05088	0	0
"2015-02-11"	01:00:00"	0	"INF"	32	0	0.05978	0	0
"2015-02-11"	02:00:00"	0	"INF"	32	0	0.05363	0	0
"2015-02-11"	03:00:00"	0	"INF"	32	0	0.05914	0	0
"2015-02-11"	04:00:00"	0	"INF"	32	0	0.05893	0	0
"2015-02-11"	05:00:00"	0	"INF"	32	0	0.05957	0	0
"2015-02-11"	06:00:00"	0	"INF"	32	0	0.06402	0	0
"2015-02-11"	07:00:00"	0	"INF"	32	0	0.05957	0	0
"2015-02-11"	08:00:00"	0	"INF"	32	0	15.801	0	0
"2015-02-11"	09:00:00"	0	"INF"	32	0	124.83	0	0
"2015-02-11"	10:00:00"	0	"INF"	32	0	332.8	0	0
"2015-02-11"	11:00:00"	0	"INF"	32	0	515.28	0	0
"2015-02-11"	12:00:00"	0	"INF"	32	0	565.06	0	0
"2015-02-11"	13:00:00"	0	"INF"	32	0	319.51	0	0
"2015-02-11"	14:00:00"	0	"INF"	32	0	130.29	0	0
"2015-02-11"	15:00:00"	0	"INF"	32	0	80.602	0	0
"2015-02-11"	16:00:00"	0	"INF"	32	0	50.053	0	0
"2015-02-11"	17:00:00"	0	"INF"	32	0	54.567	0	0
"2015-02-11"	18:00:00"	0	"INF"	32	0	62.92	0	0
"2015-02-11"	19:00:00"	0	"INF"	32	0	4.8026	0	0
"2015-02-11"	20:00:00"	0	"INF"	32	0	0.07334	0	0
"2015-02-11"	21:00:00"	0	"INF"	32	0	0.06614	0	0
"2015-02-11"	22:00:00"	0	"INF"	32	0	0.05066	0	0
"2015-02-11"	23:00:00"	0	"INF"	32	0	0.06487	0	0
"2015-02-12"	00:00:00"	0	"INF"	32	0	0.06105	0	0
"2015-02-12"	01:00:00"	0	"INF"	32	0	0.05469	0	0
"2015-02-12"	02:00:00"	0	"INF"	32	0	0.07334	0	0
"2015-02-12"	03:00:00"	0	"INF"	32	0	0.05342	0	0
"2015-02-12"	04:00:00"	0	"INF"	32	0	0.06317	0	0
"2015-02-12"	05:00:00"	0	"INF"	32	0	0.07419	0	0
"2015-02-12"	06:00:00"	0	"INF"	32	0	0.0602	0	0
"2015-02-12"	07:00:00"	0	"INF"	32	0	0.07038	0	0
"2015-02-12"	08:00:00"	0	"INF"	32	0	3.9767	0	0
"2015-02-12"	09:00:00"	0	"INF"	32	0	138.52	0	0
"2015-02-12"	10:00:00"	0	"INF"	32	0	342.03	0	0
"2015-02-12"	11:00:00"	0	"INF"	32	0	528.7	0	0
"2015-02-12"	12:00:00"	0	"INF"	32	0	669.67	0	0
"2015-02-12"	13:00:00"	0	"INF"	32	0	723.98	0	0
"2015-02-12"	14:00:00"	0	"INF"	32	0	752.46	0	0
"2015-02-12"	15:00:00"	0	"INF"	32	0	695.73	0	0
"2015-02-12"	16:00:00"	0	"INF"	32	0	490.28	0	0
"2015-02-12"	17:00:00"	0	"INF"	32	0	157.06	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-12	18:00:00"	0	"INF"	32	0	72.056	0	0
"2015-02-12	19:00:00"	0	"INF"	32	0	18.01	0	0
"2015-02-12	20:00:00"	0	"INF"	32	0	0.06529	0	0
"2015-02-12	21:00:00"	0	"INF"	32	0	0.06063	0	0
"2015-02-12	22:00:00"	0	"INF"	32	0	0.06381	0	0
"2015-02-12	23:00:00"	0	"INF"	32	0	0.06826	0	0
"2015-02-13	00:00:00"	0	"INF"	32	0	0.07462	0	0
"2015-02-13	01:00:00"	0	"INF"	32	0	0.05554	0	0
"2015-02-13	02:00:00"	0	"INF"	32	0	0.07568	0	0
"2015-02-13	03:00:00"	0	"INF"	32	0	0.06805	0	0
"2015-02-13	04:00:00"	0	"INF"	32	0	0.06147	0	0
"2015-02-13	05:00:00"	0	"INF"	32	0	0.08204	0	0
"2015-02-13	06:00:00"	0	"INF"	32	0	0.09433	0	0
"2015-02-13	07:00:00"	0	"INF"	32	0	0.06253	0	0
"2015-02-13	08:00:00"	0	"INF"	32	0	10.83	0	0
"2015-02-13	09:00:00"	0	"INF"	32	0	142.13	0	0
"2015-02-13	10:00:00"	0	"INF"	32	0	338.74	0	0
"2015-02-13	11:00:00"	0	"INF"	32	0	526.15	0	0
"2015-02-13	12:00:00"	0	"INF"	32	0	661.44	0	0
"2015-02-13	13:00:00"	0	"INF"	32	0	741.19	0	0
"2015-02-13	14:00:00"	0	"INF"	32	0	748.17	0	0
"2015-02-13	15:00:00"	0	"INF"	32	0	687.75	0	0
"2015-02-13	16:00:00"	0	"INF"	32	0	570.17	0	0
"2015-02-13	17:00:00"	0	"INF"	32	0	394.4	0	0
"2015-02-13	18:00:00"	0	"INF"	32	0	195.58	0	0
"2015-02-13	19:00:00"	0	"INF"	32	0	29.48	0	0
"2015-02-13	20:00:00"	0	"INF"	32	0	0.046	0	0
"2015-02-13	21:00:00"	0	"INF"	32	0	0.03731	0	0
"2015-02-13	22:00:00"	0	"INF"	32	0	0.05681	0	0
"2015-02-13	23:00:00"	0	"INF"	32	0	0.07059	0	0
"2015-02-14	00:00:00"	0	"INF"	32	0	0.07207	0	0
"2015-02-14	01:00:00"	0	"INF"	32	0	0.06084	0	0
"2015-02-14	02:00:00"	0	"INF"	32	0	0.05384	0	0
"2015-02-14	03:00:00"	0	"INF"	32	0	0.07631	0	0
"2015-02-14	04:00:00"	0	"INF"	32	0	0.0655	0	0
"2015-02-14	05:00:00"	0	"INF"	32	0	0.0708	0	0
"2015-02-14	06:00:00"	0	"INF"	32	0	0.06783	0	0
"2015-02-14	07:00:00"	0	"INF"	32	0	0.07801	0	0
"2015-02-14	08:00:00"	0	"INF"	32	0	14.148	0	0
"2015-02-14	09:00:00"	0	"INF"	32	0	150.21	0	0
"2015-02-14	10:00:00"	0	"INF"	32	0	349.6	0	0
"2015-02-14	11:00:00"	0	"INF"	32	0	535.14	0	0
"2015-02-14	12:00:00"	0	"INF"	32	0	671.31	0	0
"2015-02-14	13:00:00"	0	"INF"	32	0	749.73	0	0
"2015-02-14	14:00:00"	0	"INF"	32	0	735.58	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-14	15:00:00"	0	"INF"	32	0	640.03	0	0
"2015-02-14	16:00:00"	0	"INF"	32	0	607.56	0	0
"2015-02-14	17:00:00"	0	"INF"	32	0	375.09	0	0
"2015-02-14	18:00:00"	0	"INF"	32	0	196.76	0	0
"2015-02-14	19:00:00"	0	"INF"	32	0	8.9212	0	0
"2015-02-14	20:00:00"	0	"INF"	32	0	0.05236	0	0
"2015-02-14	21:00:00"	0	"INF"	32	0	0.05935	0	0
"2015-02-14	22:00:00"	0	"INF"	32	0	0.07292	0	0
"2015-02-14	23:00:00"	0	"INF"	32	0	0.04218	0	0
"2015-02-15	00:00:00"	0	"INF"	32	0	0.05321	0	0
"2015-02-15	01:00:00"	0	"INF"	32	0	0.0513	0	0
"2015-02-15	02:00:00"	0	"INF"	32	0	0.07207	0	0
"2015-02-15	03:00:00"	0	"INF"	32	0	0.06974	0	0
"2015-02-15	04:00:00"	0	"INF"	32	0	0.06275	0	0
"2015-02-15	05:00:00"	0	"INF"	32	0	0.05914	0	0
"2015-02-15	06:00:00"	0	"INF"	32	0	0.06147	0	0
"2015-02-15	07:00:00"	0	"INF"	32	0	0.05787	0	0
"2015-02-15	08:00:00"	0	"INF"	32	0	4.1332	0	0
"2015-02-15	09:00:00"	0	"INF"	32	0	99.85	0	0
"2015-02-15	10:00:00"	0	"INF"	32	0	360.56	0	0
"2015-02-15	11:00:00"	0	"INF"	32	0	523.86	0	0
"2015-02-15	12:00:00"	0	"INF"	32	0	642.39	0	0
"2015-02-15	13:00:00"	0	"INF"	32	0	745.74	0	0
"2015-02-15	14:00:00"	0	"INF"	32	0	737.28	0	0
"2015-02-15	15:00:00"	0	"INF"	32	0	686.27	0	0
"2015-02-15	16:00:00"	0	"INF"	32	0	522.55	0	0
"2015-02-15	17:00:00"	0	"INF"	32	0	359.04	0	0
"2015-02-15	18:00:00"	0	"INF"	32	0	191.73	0	0
"2015-02-15	19:00:00"	0	"INF"	32	0	31.124	0	0
"2015-02-15	20:00:00"	0	"INF"	32	0	0.04812	0	0
"2015-02-15	21:00:00"	0	"INF"	32	0	0.06275	0	0
"2015-02-15	22:00:00"	0	"INF"	32	0	0.06253	0	0
"2015-02-15	23:00:00"	0	"INF"	32	0	0.06402	0	0
"2015-02-16	00:00:00"	0	"INF"	32	0	0.05851	0	0
"2015-02-16	01:00:00"	0	"INF"	32	0	0.0744	0	0
"2015-02-16	02:00:00"	0	"INF"	32	0	0.08988	0	0
"2015-02-16	03:00:00"	0	"INF"	32	0	0.07398	0	0
"2015-02-16	04:00:00"	0	"INF"	32	0	0.06741	0	0
"2015-02-16	05:00:00"	0	"INF"	32	0	0.07843	0	0
"2015-02-16	06:00:00"	0	"INF"	32	0	0.06995	0	0
"2015-02-16	07:00:00"	0	"INF"	32	0	0.08098	0	0
"2015-02-16	08:00:00"	0	"INF"	32	0	5.6681	0	0
"2015-02-16	09:00:00"	0	"INF"	32	0	138.8	0	0
"2015-02-16	10:00:00"	0	"INF"	32	0	312.27	0	0
"2015-02-16	11:00:00"	0	"INF"	32	0	395.49	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-16	12:00:00"		0 "INF"	32		0 619.1	0	0
"2015-02-16	13:00:00"		0 "INF"	32		0 689.61	0	0
"2015-02-16	14:00:00"		0 "INF"	32		0 753.43	0	0
"2015-02-16	15:00:00"		0 "INF"	32		0 706.76	0	0
"2015-02-16	16:00:00"		0 "INF"	32		0 601.5	0	0
"2015-02-16	17:00:00"		0 "INF"	32		0 416.23	0	0
"2015-02-16	18:00:00"		0 "INF"	32		0 207.38	0	0
"2015-02-16	19:00:00"		0 "INF"	32		0 33.953	0	0
"2015-02-16	20:00:00"		0 "INF"	32		0 0.05617	0	0
"2015-02-16	21:00:00"		0 "INF"	32		0 0.06614	0	0
"2015-02-16	22:00:00"		0 "INF"	32		0 0.06063	0	0
"2015-02-16	23:00:00"		0 "INF"	32		0 0.05596	0	0
"2015-02-17	00:00:00"		0 "INF"	32		0 0.07334	0	0
"2015-02-17	01:00:00"		0 "INF"	32		0 0.05194	0	0
"2015-02-17	02:00:00"		0 "INF"	32		0 0.06041	0	0
"2015-02-17	03:00:00"		0 "INF"	32		0 0.08288	0	0
"2015-02-17	04:00:00"		0 "INF"	32		0 0.08225	0	0
"2015-02-17	05:00:00"		0 "INF"	32		0 0.10429	0	0
"2015-02-17	06:00:00"		0 "INF"	32		0 0.07843	0	0
"2015-02-17	07:00:00"		0 "INF"	32		0 0.08606	0	0
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"2015-02-17	18:00:00"		0 "INF"	32		0 209.94	0	0
"2015-02-17	19:00:00"		0 "INF"	32		0 36.235	0	0
"2015-02-17	20:00:00"		0 "INF"	32		0 0.0797	0	0
"2015-02-17	21:00:00"		0 "INF"	32		0 0.07398	0	0
"2015-02-17	22:00:00"		0 "INF"	32		0 0.06105	0	0
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"2015-02-18	02:00:00"		0 "INF"	32		0 0.09963	0	0
"2015-02-18	03:00:00"		0 "INF"	32		0 0.08055	0	0
"2015-02-18	04:00:00"		0 "INF"	32		0 0.11956	0	0
"2015-02-18	05:00:00"		0 "INF"	32		0 0.08119	0	0
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"2015-02-18	07:00:00"		0 "INF"	32		0 0.07419	0	0
"2015-02-18	08:00:00"		0 "INF"	32		0 26.192	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
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"2015-02-18	10:00:00"		0 "INF"	32		0 384.81	0	0
"2015-02-18	11:00:00"		0 "INF"	32		0 574.53	0	0
"2015-02-18	12:00:00"		0 "INF"	32		0 715.56	0	0
"2015-02-18	13:00:00"		0 "INF"	32		0 789.74	0	0
"2015-02-18	14:00:00"		0 "INF"	32		0 792.98	0	0
"2015-02-18	15:00:00"		0 "INF"	32		0 736.53	0	0
"2015-02-18	16:00:00"		0 "INF"	32		0 608.87	0	0
"2015-02-18	17:00:00"		0 "INF"	32		0 428.41	0	0
"2015-02-18	18:00:00"		0 "INF"	32		0 220.55	0	0
"2015-02-18	19:00:00"		0 "INF"	32		0 39.748	0	0
"2015-02-18	20:00:00"		0 "INF"	32		0 0.05639	0	0
"2015-02-18	21:00:00"		0 "INF"	32		0 0.08204	0	0
"2015-02-18	22:00:00"		0 "INF"	32		0 0.05151	0	0
"2015-02-18	23:00:00"		0 "INF"	32		0 0.05321	0	0
"2015-02-19	00:00:00"		0 "INF"	32		0 0.0513	0	0
"2015-02-19	01:00:00"		0 "INF"	32		0 0.06762	0	0
"2015-02-19	02:00:00"		0 "INF"	32		0 0.05872	0	0
"2015-02-19	03:00:00"		0 "INF"	32		0 0.06169	0	0
"2015-02-19	04:00:00"		0 "INF"	32		0 0.06614	0	0
"2015-02-19	05:00:00"		0 "INF"	32		0 0.08882	0	0
"2015-02-19	06:00:00"		0 "INF"	32		0 0.06359	0	0
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"2015-02-19	09:00:00"		0 "INF"	32		0 174.72	0	0
"2015-02-19	10:00:00"		0 "INF"	32		0 382.93	0	0
"2015-02-19	11:00:00"		0 "INF"	32		0 569.75	0	0
"2015-02-19	12:00:00"		0 "INF"	32		0 712.44	0	0
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"2015-02-19	14:00:00"		0 "INF"	32		0 721.14	0	0
"2015-02-19	15:00:00"		0 "INF"	32		0 632.77	0	0
"2015-02-19	16:00:00"		0 "INF"	32		0 617.97	0	0
"2015-02-19	17:00:00"		0 "INF"	32		0 448.07	0	0
"2015-02-19	18:00:00"		0 "INF"	32		0 151.71	0	0
"2015-02-19	19:00:00"		0 "INF"	32		0 15.911	0	0
"2015-02-19	20:00:00"		0 "INF"	32		0 0.0424	0	0
"2015-02-19	21:00:00"		0 "INF"	32		0 0.05109	0	0
"2015-02-19	22:00:00"		0 "INF"	32		0 0.05151	0	0
"2015-02-19	23:00:00"		0 "INF"	32		0 0.04897	0	0
"2015-02-20	00:00:00"		0 "INF"	32		0 0.0744	0	0
"2015-02-20	01:00:00"		0 "INF"	32		0 0.05257	0	0
"2015-02-20	02:00:00"		0 "INF"	32		0 0.05702	0	0
"2015-02-20	03:00:00"		0 "INF"	32		0 0.06211	0	0
"2015-02-20	04:00:00"		0 "INF"	32		0 0.05872	0	0
"2015-02-20	05:00:00"		0 "INF"	32		0 0.0566	0	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-20	06:00:00"	0	"INF"	32	0	0.08818	0	0
"2015-02-20	07:00:00"	0	"INF"	32	0	0.0672	0	0
"2015-02-20	08:00:00"	0	"INF"	32	0	23.58	0	0
"2015-02-20	09:00:00"	0	"INF"	32	0	181.69	0	0
"2015-02-20	10:00:00"	0	"INF"	32	0	390.47	0	0
"2015-02-20	11:00:00"	7.0434	243.37	65.854	26.018	631.32	26.311	0
"2015-02-20	12:00:00"	8.5712	267.65	71.817	17.899	666.89	26.305	0
"2015-02-20	13:00:00"	12.445	266.63	74.363	14.346	626.39	26.273	0
"2015-02-20	14:00:00"	13.742	259.76	75.5	12.854	763.25	26.243	0
"2015-02-20	15:00:00"	13.592	256.86	73.936	12.304	370.32	26.214	0
"2015-02-20	16:00:00"	12.689	255.26	75.313	10.834	405.82	26.199	0
"2015-02-20	17:00:00"	11.853	231.7	75.238	10.949	294	26.193	0
"2015-02-20	18:00:00"	9.7878	237.86	73.257	10.966	105.36	26.19	0
"2015-02-20	19:00:00"	7.5633	241.27	69.613	12.178	12.709	26.202	0
"2015-02-20	20:00:00"	6.3877	230.24	65.304	14.71	0.05405	26.217	0
"2015-02-20	21:00:00"	8.9316	270.12	65.259	16.31	0.06529	26.226	0
"2015-02-20	22:00:00"	6.7773	288.96	62.563	19.043	0.06147	26.232	0
"2015-02-20	23:00:00"	4.9442	279.75	59.038	21.84	0.05088	26.234	0
"2015-02-21	00:00:00"	8.6178	274.69	61.232	19.525	0.07186	26.237	0
"2015-02-21	01:00:00"	10.813	278.45	62.726	18.062	0.07038	26.246	0
"2015-02-21	02:00:00"	9.274	284.26	62.353	18.6	0.09264	26.261	0
"2015-02-21	03:00:00"	11.382	314.43	59.989	21.851	0.06699	26.291	0
"2015-02-21	04:00:00"	17.088	18.371	49.072	45.249	0.09136	26.326	0
"2015-02-21	05:00:00"	14.683	28.693	45.681	51.949	0.0602	26.35	0
"2015-02-21	06:00:00"	12.961	35.509	43.799	56.477	0.07949	26.364	0
"2015-02-21	07:00:00"	11.97	41.367	42.872	59.804	0.07483	26.379	0
"2015-02-21	08:00:00"	8.5849	34.909	40.437	65.838	11.077	26.409	0
"2015-02-21	09:00:00"	10.335	29.197	43.172	61.792	177.96	26.438	0
"2015-02-21	10:00:00"	12.406	39.692	46.303	55.824	377.88	26.45	0
"2015-02-21	11:00:00"	8.6023	65.652	49.699	49.974	571.56	26.456	0
"2015-02-21	12:00:00"	6.5921	94.244	53.258	43.734	710.69	26.447	0
"2015-02-21	13:00:00"	5.2798	117.97	55.73	40.333	780.82	26.412	0
"2015-02-21	14:00:00"	5.6855	121.55	57.363	38.04	632.27	26.367	0
"2015-02-21	15:00:00"	7.8591	150.89	60.295	34.623	734.61	26.353	0
"2015-02-21	16:00:00"	10.023	166.96	62.108	32.782	502.79	26.332	0
"2015-02-21	17:00:00"	10.044	157.48	62.22	33.911	298.58	26.314	0
"2015-02-21	18:00:00"	9.643	154.77	62.299	34.71	138.45	26.317	0
"2015-02-21	19:00:00"	6.4983	121.9	59.129	40.582	21.513	26.326	0
"2015-02-21	20:00:00"	5.5768	116.28	54.782	47.401	0.07568	26.338	0
"2015-02-21	21:00:00"	6.4212	105.36	52.914	51.503	0.08437	26.338	0
"2015-02-21	22:00:00"	9.251	111.71	52.061	52.745	0.06974	26.341	0
"2015-02-21	23:00:00"	9.8624	111.3	51.275	54.812	0.08564	26.353	0
"2015-02-22	00:00:00"	6.8363	98.248	48.957	60.044	0.07864	26.353	0
"2015-02-22	01:00:00"	9.3759	83.737	47.109	65.264	0.0744	26.353	0
"2015-02-22	02:00:00"	10.986	73.537	45	70.199	0.08394	26.356	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-22	03:00:00"	11.848	71.248	42.936	74.621	0.08564	26.356	0
"2015-02-22	04:00:00"	12.328	70.788	41.718	77.461	0.07313	26.358	0
"2015-02-22	05:00:00"	13.782	67.939	41.074	79.996	0.07886	26.367	0
"2015-02-22	06:00:00"	14.979	73.912	40.777	82.075	0.09772	26.385	0
"2015-02-22	07:00:00"	13.171	68.579	40.524	83.279	0.09815	26.4	0
"2015-02-22	08:00:00"	14.853	49.617	41.224	82.551	4.0198	26.468	0
"2015-02-22	09:00:00"	18.729	47.927	40.802	82.56	50.508	26.503	0
"2015-02-22	10:00:00"	19.761	44.893	38.827	83.014	59.645	26.559	0
"2015-02-22	11:00:00"	17.168	45.903	39.085	86.378	104.25	26.589	0
"2015-02-22	12:00:00"	18.405	46.317	39.409	85.669	159.73	26.609	0
"2015-02-22	13:00:00"	18.672	55.513	38.457	83.311	130.67	26.612	0
"2015-02-22	14:00:00"	19.66	43.722	34.381	86.218	134.56	26.621	0
"2015-02-22	15:00:00"	20.251	32.31	30.023	87.451	169.15	26.636	0
"2015-02-22	16:00:00"	19.706	32.283	27.323	86.113	109.09	26.633	0
"2015-02-22	17:00:00"	18.58	34.233	24.789	85.724	71.609	26.66	0
"2015-02-22	18:00:00"	17.011	41.98	23.838	85.057	31.437	26.683	0
"2015-02-22	19:00:00"	16.17	43.999	23.356	85.748	5.323	26.707	0
"2015-02-22	20:00:00"	20.229	45.2	22.644	87.423	0.08755	26.728	0
"2015-02-22	21:00:00"	10.806	65.841	21.694	87.362	0.10599	26.76	0
"2015-02-22	22:00:00"	12.178	127.67	21.372	88.052	0.08734	26.781	0
"2015-02-22	23:00:00"	10.603	201.61	20.856	87.616	0.11193	26.781	0
"2015-02-23	00:00:00"	13.397	203.48	20.708	87.204	0.08924	26.784	0
"2015-02-23	01:00:00"	12.435	200.98	20.455	87.202	0.10281	26.798	0
"2015-02-23	02:00:00"	19.568	200.52	20.156	87.647	0.1009	26.787	0
"2015-02-23	03:00:00"	22.231	204.08	19.599	87.077	0.10769	26.796	0
"2015-02-23	04:00:00"	25.807	57.812	18.872	86.927	0.09878	26.79	0
"2015-02-23	05:00:00"	0 "INF"		18.572	87.357	0.12676	26.79	0
"2015-02-23	06:00:00"	10.283	345.7	18.288	87.035	0.12698	26.81	0
"2015-02-23	07:00:00"	12.721	339.98	17.785	86.413	0.10217	26.816	0
"2015-02-23	08:00:00"	0 "INF"		17.654	86.677	14.422	26.822	0
"2015-02-23	09:00:00"	0 "INF"		17.901	86.392	53.012	26.846	0
"2015-02-23	10:00:00"	0 "INF"		18.078	85.8	76.629	26.852	0
"2015-02-23	11:00:00"	0 "INF"		18.508	84.787	132	26.843	0
"2015-02-23	12:00:00"	0 "INF"		18.977	82.796	173.46	26.84	0
"2015-02-23	13:00:00"	0 "INF"		19.721	81.018	241.99	26.807	0
"2015-02-23	14:00:00"	0 "INF"		20.269	80.976	260.82	26.778	0
"2015-02-23	15:00:00"	0 "INF"		21.196	80.806	223.97	26.739	0
"2015-02-23	16:00:00"	0 "INF"		21.643	80.347	178.63	26.725	0
"2015-02-23	17:00:00"	0 "INF"		21.96	81.223	100.14	26.704	0
"2015-02-23	18:00:00"	0 "INF"		21.983	81.784	56.84	26.698	0
"2015-02-23	19:00:00"	0 "INF"		21.937	82.564	9.0178	26.692	0
"2015-02-23	20:00:00"	0 "INF"		21.92	83.1	0.08182	26.698	0
"2015-02-23	21:00:00"	0 "INF"		21.921	83.268	0.10302	26.692	0
"2015-02-23	22:00:00"	0 "INF"		21.974	83.444	0.11934	26.695	0
"2015-02-23	23:00:00"	0.12738	249	22.148	82.796	0.10726	26.689	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-24	00:00:00"	0	"INF"	22.188	83.781	0.12062	26.666	0
"2015-02-24	01:00:00"	13.789	246.08	22.145	83.429	0.10451	26.642	0
"2015-02-24	02:00:00"	32.291	245.33	22.288	83.17	0.0867	26.63	0
"2015-02-24	03:00:00"	33.023	239.47	22.463	83.186	0.09306	26.607	0
"2015-02-24	04:00:00"	29.902	240.56	22.726	82.077	0.11193	26.595	0
"2015-02-24	05:00:00"	24.05	232.88	23.002	81.9	0.11701	26.589	0
"2015-02-24	06:00:00"	35.029	216.46	23.066	81.186	0.09052	26.583	0
"2015-02-24	07:00:00"	41.396	210.21	23.181	81.596	0.09009	26.586	0
"2015-02-24	08:00:00"	41.825	200.1	23.263	80.976	15.059	26.586	0
"2015-02-24	09:00:00"	32.779	207.22	24.219	78.489	128.32	26.592	0
"2015-02-24	10:00:00"	22.172	248.53	26.589	74.086	320.08	26.595	0
"2015-02-24	11:00:00"	14.362	319.92	30.139	67.434	587.42	26.583	0.01
"2015-02-24	12:00:00"	4.1017	325.52	33.968	59.953	720.01	26.547	0
"2015-02-24	13:00:00"	3.8413	310.19	37.536	52.768	718.19	26.5	0.01
"2015-02-24	14:00:00"	3.2473	268.76	41.166	47.025	751.09	26.441	0
"2015-02-24	15:00:00"	4.4279	280.93	43.658	43.474	665.07	26.412	0
"2015-02-24	16:00:00"	4.267	196.69	45.008	41.573	623.91	26.37	0
"2015-02-24	17:00:00"	3.3759	191.3	44.796	43.656	179.03	26.364	0
"2015-02-24	18:00:00"	6.7319	318.01	43.214	47.872	44.833	26.379	0
"2015-02-24	19:00:00"	8.409	11.965	41.774	53.898	8.0107	26.358	0
"2015-02-24	20:00:00"	8.9937	26.009	40.328	56.203	0.09327	26.329	0
"2015-02-24	21:00:00"	5.798	56.539	39.143	54.535	0.1009	26.37	0
"2015-02-24	22:00:00"	3.0485	67.833	37.146	58.45	0.08204	26.373	0
"2015-02-24	23:00:00"	3.786	15.731	35.113	63.597	0.08246	26.388	0
"2015-02-25	00:00:00"	4.582	351.22	34.315	65.761	0.09581	26.4	0
"2015-02-25	01:00:00"	2.639	278.26	34.626	64.477	0.09369	26.382	0
"2015-02-25	02:00:00"	5.6178	338.71	35.694	60.09	0.10387	26.379	0
"2015-02-25	03:00:00"	7.7298	323.09	37.065	52.536	0.1009	26.385	0
"2015-02-25	04:00:00"	4.7168	305.13	36.235	56.479	0.08564	26.367	0
"2015-02-25	05:00:00"	3.6269	278.78	32.534	66.166	0.09581	26.364	0
"2015-02-25	06:00:00"	7.7336	298.63	31.743	73.534	0.08734	26.364	0
"2015-02-25	07:00:00"	6.863	291.84	30.588	81.245	0.08924	26.37	0
"2015-02-25	08:00:00"	5.4718	282.47	29.721	83.827	30.396	26.37	0
"2015-02-25	09:00:00"	6.1404	274.43	33.739	75.401	199.68	26.361	0
"2015-02-25	10:00:00"	10.227	264.03	42.315	50.044	415.3	26.353	0
"2015-02-25	11:00:00"	13.611	265.63	47.376	37.655	608.92	26.347	0
"2015-02-25	12:00:00"	14.097	297.66	52.214	33.273	748.12	26.329	0
"2015-02-25	13:00:00"	13.224	295.71	55.188	29.92	824.25	26.308	0
"2015-02-25	14:00:00"	11.374	307.15	58.557	27.245	750.07	26.258	0.1
"2015-02-25	15:00:00"	6.5058	333.14	63.558	22.603	557.22	26.296	0
"2015-02-25	16:00:00"	9.4504	317.12	62.929	22.252	557.58	26.282	0
"2015-02-25	17:00:00"	8.8726	316.29	64.462	20.117	437.92	26.273	0
"2015-02-25	18:00:00"	7.5478	330.33	64.562	18.658	234.54	26.282	0
"2015-02-25	19:00:00"	3.2678	342.77	61.55	21.694	49.515	26.291	0
"2015-02-25	20:00:00"	2.2755	3.6176	55.474	26.641	0.09921	26.308	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-25	21:00:00"	1.257	8.6177	52.238	30.787	0.07101	26.323	0
"2015-02-25	22:00:00"	10.182	58.578	54.061	28.72	0.07568	26.358	0
"2015-02-25	23:00:00"	11.251	75.733	51.814	30.342	0.08712	26.358	0
"2015-02-26	00:00:00"	13.485	34.226	47.955	36.642	0.06402	26.4	0
"2015-02-26	01:00:00"	12.02	35.668	44.797	45.682	0.09348	26.423	0
"2015-02-26	02:00:00"	10.392	14.505	44.829	52.389	0.10747	26.438	0
"2015-02-26	03:00:00"	10.242	32.593	45.118	58.354	0.09603	26.456	0
"2015-02-26	04:00:00"	9.0925	28.423	42.278	64.985	0.08034	26.468	0
"2015-02-26	05:00:00"	11.881	23.833	41.583	67.843	0.09878	26.48	0
"2015-02-26	06:00:00"	15.46	40.199	40.556	71.398	0.1026	26.533	0
"2015-02-26	07:00:00"	17.206	40.972	36.087	76.328	0.10111	26.559	0
"2015-02-26	08:00:00"	15.659	52.966	34.706	73.137	6.034	26.586	0
"2015-02-26	09:00:00"	16.082	59.7	34.118	73.213	86.907	26.618	0
"2015-02-26	10:00:00"	16.189	53.757	33.099	70.391	112.82	26.642	0
"2015-02-26	11:00:00"	16.821	53.799	32.081	66.168	215.09	26.657	0
"2015-02-26	12:00:00"	14.574	51.774	33.619	61.209	251.65	26.615	0
"2015-02-26	13:00:00"	16.796	57.733	29.644	62.998	193.58	26.624	0
"2015-02-26	14:00:00"	15.114	53.905	29.768	63.179	249.87	26.612	0
"2015-02-26	15:00:00"	13.104	43.261	28.568	63.043	152.79	26.627	0
"2015-02-26	16:00:00"	14.358	53.891	28.536	60.486	208.61	26.595	0
"2015-02-26	17:00:00"	15.208	58.639	28.865	57.662	223.88	26.592	0
"2015-02-26	18:00:00"	13.752	57.401	27.306	58.963	61.679	26.612	0
"2015-02-26	19:00:00"	11.61	71.499	26.777	56.47	10.067	26.615	0
"2015-02-26	20:00:00"	13.894	72.399	26.624	56.687	0.10133	26.607	0
"2015-02-26	21:00:00"	12.826	77.57	26.427	55.924	0.08606	26.63	0
"2015-02-26	22:00:00"	12.941	85.426	26.191	55.621	0.09369	26.633	0
"2015-02-26	23:00:00"	12.42	91.365	25.506	54.304	0.10472	26.627	0
"2015-02-27	00:00:00"	11.309	86.927	24.868	55.455	0.07568	26.63	0
"2015-02-27	01:00:00"	12.242	87.212	24.27	52.644	0.1009	26.601	0
"2015-02-27	02:00:00"	11.038	83.108	23.557	55.814	0.11871	26.607	0
"2015-02-27	03:00:00"	10.25	90.842	21.245	74.201	0.11553	26.604	0
"2015-02-27	04:00:00"	8.5594	70.767	19.866	80.434	0.11786	26.604	0
"2015-02-27	05:00:00"	10.922	81.39	19.21	82.054	0.09899	26.592	0
"2015-02-27	06:00:00"	10.993	83.538	18.456	85.418	0.12549	26.607	0
"2015-02-27	07:00:00"	12.129	77.767	17.287	86.506	0.08712	26.615	0
"2015-02-27	08:00:00"	12.813	73.625	16.796	86.331	7.0562	26.627	0
"2015-02-27	09:00:00"	20.336	62.329	16.735	86.276	50.635	26.648	0
"2015-02-27	10:00:00"	18.368	1.675	16.994	86.088	99.544	26.66	0
"2015-02-27	11:00:00"	18.859	58.911	17.437	85.223	179.09	26.651	0
"2015-02-27	12:00:00"	16.097	0.98714	17.794	82.68	266.41	26.648	0
"2015-02-27	13:00:00"	6.9246	300.77	18.149	81.316	257.11	26.627	0
"2015-02-27	14:00:00"	11.103	57.831	18.588	80.634	259.03	26.598	0
"2015-02-27	15:00:00"	9.3156	99.012	19.448	79.574	282.81	26.577	0
"2015-02-27	16:00:00"	6.8481	159.9	20.231	78.491	245.94	26.568	0
"2015-02-27	17:00:00"	6.3007	123.03	20.217	79.616	134.73	26.565	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-02-27	18:00:00"	9.7126	96.425	19.594	82.045	52.617	26.556	0
"2015-02-27	19:00:00"	9.6673	92	18.914	84.124	9.3178	26.559	0
"2015-02-27	20:00:00"	10.075	86.578	18.255	86.226	0.09815	26.574	0
"2015-02-27	21:00:00"	10.872	89.126	17.611	87.652	0.09518	26.577	0
"2015-02-27	22:00:00"	12.252	94.359	17.288	87.326	0.1062	26.58	0
"2015-02-27	23:00:00"	8.8893	337.34	17.105	86.994	0.09433	26.583	0
"2015-02-28	00:00:00"	0.01926	205	16.886	86.777	0.13715	26.574	0
"2015-02-28	01:00:00"	16.985	86.552	16.603	86.696	0.12337	26.568	0
"2015-02-28	02:00:00"	11.652	37.053	16.721	86.666	0.09264	26.562	0
"2015-02-28	03:00:00"	5.3152	277.28	16.628	86.623	0.10133	26.547	0
"2015-02-28	04:00:00"	5.1145	274.22	16.747	86.687	0.092	26.539	0
"2015-02-28	05:00:00"	22.356	246.31	16.982	86.715	0.10133	26.545	0
"2015-02-28	06:00:00"	26.472	239.08	17.25	86.837	0.11553	26.55	0
"2015-02-28	07:00:00"	24.139	204.98	17.477	86.916	0.07568	26.547	0
"2015-02-28	08:00:00"	17.049	249.33	17.708	86.968	6.7501	26.556	0
"2015-02-28	09:00:00"	18.67	273.55	18.295	87.153	53.096	26.571	0
"2015-02-28	10:00:00"	3.4641	268.59	19.749	87.51	128.21	26.574	0
"2015-02-28	11:00:00"	21.764	202.4	21.043	87.678	183.76	26.583	0
"2015-02-28	12:00:00"	34.351	170.34	22.819	88.139	246.42	26.568	0
"2015-02-28	13:00:00"	40.646	157.08	24.437	88.786	244.77	26.545	0
"2015-02-28	14:00:00"	43.807	154.03	25.388	88.861	234.99	26.527	0
"2015-02-28	15:00:00"	41.014	190.75	26.308	89.345	202.96	26.497	0
"2015-02-28	16:00:00"	37.346	250.63	27.609	90.134	155.18	26.488	0
"2015-02-28	17:00:00"	34.15	249.88	28.42	90.708	95.874	26.491	0
"2015-02-28	18:00:00"	40.236	214.37	29.295	91.393	42.14	26.491	0
"2015-02-28	19:00:00"	41.331	207.76	29.73	91.709	6.8734	26.512	0
"2015-02-28	20:00:00"	42.025	184.84	29.479	91.752	0.09666	26.521	0
"2015-02-28	21:00:00"	41.974	210.81	29.451	91.847	0.08691	26.545	0
"2015-02-28	22:00:00"	24.652	230.87	29.479	91.828	0.08437	26.553	0
"2015-02-28	23:00:00"	0	"INF"	29.273	91.795	0.09581	26.562	0
"2015-03-01	00:00:00"	0	"INF"	29.334	91.818	0.07631	26.565	0
"2015-03-01	01:00:00"	0	"INF"	29.352	91.84	0.09687	26.562	0
"2015-03-01	02:00:00"	0	"INF"	29.523	91.935	0.08861	26.556	0
"2015-03-01	03:00:00"	0	"INF"	29.466	91.905	0.10154	26.547	0
"2015-03-01	04:00:00"	0	"INF"	29.596	91.967	0.10005	26.55	0
"2015-03-01	05:00:00"	0.37407	275	29.624	91.975	0.08394	26.547	0
"2015-03-01	06:00:00"	0	"INF"	29.712	92.035	0.08416	26.565	0
"2015-03-01	07:00:00"	0	"INF"	29.832	92.071	0.07589	26.583	0
"2015-03-01	08:00:00"	0	"INF"	29.926	92.106	8.1578	26.595	0
"2015-03-01	09:00:00"	0.35667	34.5	30.357	92.103	46.24	26.607	0
"2015-03-01	10:00:00"	0	"INF"	30.934	92.102	93.032	26.633	0
"2015-03-01	11:00:00"	12.29	125.13	31.766	91.903	175.06	26.642	0.02
"2015-03-01	12:00:00"	3.7326	152.46	33.266	91.948	251.27	26.636	0
"2015-03-01	13:00:00"	4.7883	125.44	34.599	89.372	329.26	26.618	0
"2015-03-01	14:00:00"	5.2649	115.43	38.659	77.746	444.65	26.601	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-01	15:00:00"	6.1764	98.869	40.858	73.371	439.43	26.589	0
"2015-03-01	16:00:00"	8.1487	89.055	40.915	73.713	365.11	26.586	0
"2015-03-01	17:00:00"	9.246	88.257	40.281	73.989	228.79	26.592	0
"2015-03-01	18:00:00"	9.0695	78.713	38.077	78.523	76.056	26.592	0
"2015-03-01	19:00:00"	9.7251	69.675	36.55	81.572	15.454	26.607	0
"2015-03-01	20:00:00"	9.8761	70.962	35.055	85.887	0.09772	26.654	0
"2015-03-01	21:00:00"	9.3324	68.507	33.862	88.544	0.06805	26.68	0
"2015-03-01	22:00:00"	10.619	64.696	32.546	91.216	0.08225	26.689	0
"2015-03-01	23:00:00"	9.5728	59.707	31.592	92.332	0.10302	26.716	0
"2015-03-02	00:00:00"	9.6344	58.82	30.82	92.41	0.11002	26.71	0
"2015-03-02	01:00:00"	10.146	46.779	30.195	92.568	0.07207	26.722	0
"2015-03-02	02:00:00"	9.8083	43.494	29.958	92.33	0.09497	26.716	0
"2015-03-02	03:00:00"	11.728	35.863	29.713	92.208	0.11341	26.698	0
"2015-03-02	04:00:00"	10.218	68.166	29.827	92.245	0.10557	26.692	0
"2015-03-02	05:00:00"	12.478	76.819	29.958	92.255	0.11087	26.686	0
"2015-03-02	06:00:00"	29.828	59.443	29.787	92.227	0.07546	26.651	0
"2015-03-02	07:00:00"	37.902	54.518	30.168	92.246	0.06974	26.689	0
"2015-03-02	08:00:00"	36.476	326.68	29.679	92.199	5.9068	26.683	0
"2015-03-02	09:00:00"	27.174	111.01	29.836	92.19	39.436	26.683	0
"2015-03-02	10:00:00"	34.419	198.98	30.393	92.162	105.27	26.683	0
"2015-03-02	11:00:00"	24.9	126.75	31.264	92.134	188.5	26.672	0
"2015-03-02	12:00:00"	12.646	115.13	31.991	92.091	219.52	26.66	0
"2015-03-02	13:00:00"	7.7143	142.69	32.719	90.906	206.72	26.601	0
"2015-03-02	14:00:00"	6.7767	143.65	33.875	88.903	244.73	26.562	0
"2015-03-02	15:00:00"	6.5256	154.92	36.412	80.662	282.92	26.527	0
"2015-03-02	16:00:00"	5.9745	151.95	37.658	76.966	194.19	26.509	0
"2015-03-02	17:00:00"	5.803	120.6	37.061	80.348	109.65	26.491	0
"2015-03-02	18:00:00"	6.0093	126.98	36.652	81.818	58.952	26.477	0
"2015-03-02	19:00:00"	5.8048	148.48	36.053	85.17	9.6171	26.48	0
"2015-03-02	20:00:00"	5.9198	154	35.825	87.428	0.07695	26.483	0
"2015-03-02	21:00:00"	7.7174	173.8	35.412	90.049	0.08225	26.48	0
"2015-03-02	22:00:00"	8.0325	174.58	35.241	91.452	0.085	26.48	0
"2015-03-02	23:00:00"	7.8392	179.67	35.588	89.799	0.08543	26.459	0
"2015-03-03	00:00:00"	7.8883	188.39	36.53	89.313	0.09793	26.435	0
"2015-03-03	01:00:00"	9.6418	186.69	37.314	90.245	0.09052	26.409	0
"2015-03-03	02:00:00"	7.8156	198.65	37.184	91.86	0.09327	26.382	0
"2015-03-03	03:00:00"	8.7986	202.36	37.525	92.697	0.092	26.364	0
"2015-03-03	04:00:00"	9.3237	200.39	37.785	92.801	0.07992	26.347	0
"2015-03-03	05:00:00"	8.7613	213.78	38.09	92.9	0.07631	26.338	0
"2015-03-03	06:00:00"	8.3879	224.64	38.281	92.945	0.0973	26.341	0
"2015-03-03	07:00:00"	8.6246	258.33	38.456	93	0.06762	26.35	0
"2015-03-03	08:00:00"	7.362	199.48	38.806	93.002	7.2177	26.335	0.01
"2015-03-03	09:00:00"	4.2384	197.05	39.387	93.02	50.831	26.335	0
"2015-03-03	10:00:00"	3.6934	239.19	41.169	92.968	213.81	26.341	0
"2015-03-03	11:00:00"	2.4358	210.29	43.45	91.554	267.84	26.341	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-03	12:00:00"	3.2902	34.751	47.629	80.545	414.86	26.332	0
"2015-03-03	13:00:00"	4.6236	30.914	55.815	60.514	735.3	26.302	0
"2015-03-03	14:00:00"	4.2427	29.028	59.359	52.213	533.87	26.276	0
"2015-03-03	15:00:00"	4.861	37.186	61.268	48.612	462.46	26.267	0
"2015-03-03	16:00:00"	5.6296	352.15	61.895	47.391	428.49	26.264	0
"2015-03-03	17:00:00"	6.0254	319.08	63.34	43.601	382.32	26.261	0
"2015-03-03	18:00:00"	4.4938	328.31	63.83	42.415	172.32	26.264	0
"2015-03-03	19:00:00"	3.9749	346.68	61.187	47.318	36.372	26.279	0
"2015-03-03	20:00:00"	3.2088	8.0802	57.659	53.949	0.09963	26.299	0
"2015-03-03	21:00:00"	3.3784	46.925	56.569	56.316	0.09963	26.311	0
"2015-03-03	22:00:00"	4.3247	97.079	53.973	66.991	0.07483	26.308	0
"2015-03-03	23:00:00"	4.4434	125.85	52.158	76.915	0.08861	26.32	0
"2015-03-04	00:00:00"	4.147	116.06	51.259	81.828	0.08352	26.305	0
"2015-03-04	01:00:00"	2.1239	237.06	50.891	82.278	0.1062	26.311	0
"2015-03-04	02:00:00"	2.6887	283.33	49.68	84.893	0.07716	26.299	0
"2015-03-04	03:00:00"	2.0418	277.61	49.415	84.745	0.08119	0.26282	0
"2015-03-04	04:00:00"	4.1849	176.24	50.466	81.344	0.06699	26.273	0
"2015-03-04	05:00:00"	2.3165	297.23	50.756	81.107	0.07059	26.258	0
"2015-03-04	06:00:00"	1.4049	225.35	49.988	82.793	0.07758	0.26252	0
"2015-03-04	07:00:00"	5.7949	273.91	50.096	79.947	0.08055	26.32	0.02
"2015-03-04	08:00:00"	6.0664	320.75	49.545	74.145	9.8183	26.353	0
"2015-03-04	09:00:00"	6.3976	330.99	49.124	76.899	47.821	26.361	0
"2015-03-04	10:00:00"	9.4554	323.07	49.305	77.249	86.855	26.379	0.01
"2015-03-04	11:00:00"	7.334	338.78	48.976	80.613	91.957	0.1004	0.02
"2015-03-04	12:00:00"	6.5704	51.701	48.041	82.971	50.778	26.406	0.13
"2015-03-04	13:00:00"	7.3061	88.235	46.302	85.266	83.483	26.409	0.13
"2015-03-04	14:00:00"	14.812	77.466	40.809	90.308	99.867	26.412	0.07
"2015-03-04	15:00:00"	18.822	44.496	36.413	88.708	205.3	26.403	0.05
"2015-03-04	16:00:00"	20.228	54.901	33.74	87.243	152.67	26.418	0
"2015-03-04	17:00:00"	21.589	40.3	30.329	85.969	94.244	26.462	0
"2015-03-04	18:00:00"	21.944	38.403	27.269	82.329	26.773	26.518	0
"2015-03-04	19:00:00"	21.409	38.116	25.901	81.141	8.0397	26.562	0
"2015-03-04	20:00:00"	19.726	37.464	24.56	80.7	0.11574	26.607	0
"2015-03-04	21:00:00"	18.598	54.693	23.927	81.187	0.07568	26.654	0
"2015-03-04	22:00:00"	17.048	48.505	23.626	80.97	0.10451	26.683	0
"2015-03-04	23:00:00"	14.784	42.655	23.668	79.784	0.10069	26.742	0
"2015-03-05	00:00:00"	14.809	38.829	23.635	77.109	0.10069	26.757	0
"2015-03-05	01:00:00"	14.148	38.334	23.687	77.229	0.11532	26.784	0
"2015-03-05	02:00:00"	12.195	29.937	23.776	78.075	0.07907	26.793	0
"2015-03-05	03:00:00"	12.833	31.048	23.759	76.359	0.07525	26.813	0
"2015-03-05	04:00:00"	11.727	32.56	23.732	73.525	0.1009	26.822	0
"2015-03-05	05:00:00"	9.3001	29.492	23.699	68.342	0.12168	26.834	0
"2015-03-05	06:00:00"	8.8365	24.568	24.082	67.892	0.11087	26.843	0
"2015-03-05	07:00:00"	7.3732	25.177	24.338	66.941	0.07504	26.858	0
"2015-03-05	08:00:00"	5.8129	38.753	24.575	63.414	19.075	26.875	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-05	09:00:00"	6.4411	26.075	26.506	58.237	232.57	26.896	0
"2015-03-05	10:00:00"	4.042	43.092	28.327	51.469	452.97	26.911	0.01
"2015-03-05	11:00:00"	3.3306	101.29	30.769	48.646	645.35	26.911	0
"2015-03-05	12:00:00"	3.9221	186.83	32.615	46.945	787.14	26.902	0
"2015-03-05	13:00:00"	4.6833	171.98	34.67	46.523	864.8	26.887	0
"2015-03-05	14:00:00"	5.4358	213.76	36.274	47.671	875.01	26.855	0
"2015-03-05	15:00:00"	5.3929	204.77	37.313	48.054	809.28	26.828	0
"2015-03-05	16:00:00"	6.2025	195.45	38.46	48.407	670.18	26.81	0
"2015-03-05	17:00:00"	6.5424	210.3	39.444	48.682	487.14	26.81	0
"2015-03-05	18:00:00"	7.2023	206.07	39.092	50.665	265.59	26.81	0
"2015-03-05	19:00:00"	6.4386	195.91	36.92	56.32	65.713	26.807	0
"2015-03-05	20:00:00"	4.0538	170.59	32.154	68.311	0.25798	26.807	0
"2015-03-05	21:00:00"	4.1153	169.95	30.362	73.856	0.06847	26.81	0
"2015-03-05	22:00:00"	5.1083	183.89	29.635	76.867	0.08818	26.828	0
"2015-03-05	23:00:00"	4.6665	196.53	28.053	85.206	0.08818	26.831	0
"2015-03-06	00:00:00"	3.7003	196.57	26.268	88.29	0.09412	26.81	0
"2015-03-06	01:00:00"	2.9192	224.32	24.861	89.768	0.06974	26.801	0
"2015-03-06	02:00:00"	1.4708	226.97	24.425	91.174	0.09242	26.798	0
"2015-03-06	03:00:00"	1.3018	238.07	24.349	91.837	0.08903	26.784	0
"2015-03-06	04:00:00"	0.71333	146.38	23.547	91.844	0.07843	26.766	0
"2015-03-06	05:00:00"	1.3086	89.945	23.709	91.766	0.09921	26.763	0
"2015-03-06	06:00:00"	1.82	101.34	24.361	90.792	0.08946	26.772	0
"2015-03-06	07:00:00"	2.7564	82.977	24.367	89.837	0.08161	26.781	0
"2015-03-06	08:00:00"	3.7065	66.767	23.701	88.851	64.156	26.793	0
"2015-03-06	09:00:00"	5.9341	156.23	28.938	82.095	253.54	26.816	0
"2015-03-06	10:00:00"	8.8943	193.44	33.075	72.225	467.88	26.828	0
"2015-03-06	11:00:00"	7.4869	199.63	38.063	60.651	661.45	26.822	0
"2015-03-06	12:00:00"	7.9921	200.9	43.017	53.992	801.63	26.813	0
"2015-03-06	13:00:00"	6.9973	211.69	47.647	46.82	876.81	26.787	0
"2015-03-06	14:00:00"	6.9233	206.73	51.05	37.931	880.33	26.757	0
"2015-03-06	15:00:00"	7.5652	189.05	53.839	33.595	812.75	26.734	0
"2015-03-06	16:00:00"	6.8668	180	54.882	31.092	682.66	26.719	0
"2015-03-06	17:00:00"	7.3701	171.03	55.802	31.687	494.6	26.713	0
"2015-03-06	18:00:00"	6.9618	163.34	54.786	30.749	274.35	26.71	0
"2015-03-06	19:00:00"	4.7473	164.67	51.784	35.17	71.094	26.71	0
"2015-03-06	20:00:00"	4.5049	137.87	45.627	44.003	0.24632	26.716	0
"2015-03-06	21:00:00"	5.7216	123.72	42.316	51.916	0.08331	26.728	0
"2015-03-06	22:00:00"	5.9776	127.11	41.537	53.36	0.08352	26.731	0
"2015-03-06	23:00:00"	5.578	148.86	39.167	61.658	0.08034	26.745	0
"2015-03-07	00:00:00"	5.4668	167.96	37.472	67.859	0.08691	26.742	0
"2015-03-07	01:00:00"	4.6534	162.76	35.152	72.532	0.08649	26.731	0
"2015-03-07	02:00:00"	3.8525	170.49	34.906	71.984	0.11553	26.725	0
"2015-03-07	03:00:00"	2.3966	145.62	36.278	65.367	0.08755	26.716	0
"2015-03-07	04:00:00"	3.0764	139.42	35.498	62.07	0.09327	26.695	0
"2015-03-07	05:00:00"	3.9482	81.362	34.573	64.045	0.08437	26.701	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-07	06:00:00"	3.8475	87.333	33.172	66.792	0.09454	26.704	0
"2015-03-07	07:00:00"	4.7404	40.74	31.447	71.136	0.10514	26.698	0
"2015-03-07	08:00:00"	6.036	59.775	31.841	71.552	31.62	26.707	0
"2015-03-07	09:00:00"	7.147	81.534	36.271	61.7	145.58	26.719	0
"2015-03-07	10:00:00"	6.2305	116.98	40.379	51.138	315.73	26.734	0
"2015-03-07	11:00:00"	5.6346	116.72	44.392	44.005	530.8	26.725	0
"2015-03-07	12:00:00"	6.3374	122.91	48.294	40.143	721.51	26.716	0
"2015-03-07	13:00:00"	6.2243	121.87	51.793	36.462	802.36	26.689	0
"2015-03-07	14:00:00"	6.2485	115.54	54.053	35.787	835.99	26.642	0
"2015-03-07	15:00:00"	7.4894	140.17	56.608	34.839	702.51	26.615	0
"2015-03-07	16:00:00"	7.8964	132.02	56.994	34.598	386.53	26.595	0
"2015-03-07	17:00:00"	8.0965	135.22	58.257	33.486	496.37	26.598	0
"2015-03-07	18:00:00"	7.4931	144.99	58.051	33.267	237.45	26.595	0
"2015-03-07	19:00:00"	5.7054	137.82	55.011	37.235	31.83	26.586	0
"2015-03-07	20:00:00"	4.3086	129.73	51.204	43.671	0.06847	26.609	0
"2015-03-07	21:00:00"	5.0424	110.78	48.957	50.659	0.07377	26.595	0
"2015-03-07	22:00:00"	4.9927	129.92	49.292	51.593	0.08076	26.595	0
"2015-03-07	23:00:00"	7.0606	163.34	48.436	51.976	0.08161	26.601	0
"2015-03-08	00:00:00"	9.8543	169.44	46.965	43.249	0.08797	26.574	0
"2015-03-08	01:00:00"	5.6998	139.87	45.076	44.157	0.07801	26.53	0
"2015-03-08	02:00:00"	3.2709	103.1	43.276	49.165	0.07483	26.518	0
"2015-03-08	03:00:00"	4.6056	195.34	41.881	53.118	0.1079	26.536	0
"2015-03-08	04:00:00"	2.0574	219.81	40.988	54.927	0.0956	26.5	0
"2015-03-08	05:00:00"	3.3013	26.845	39.194	59.433	0.06911	26.485	0
"2015-03-08	06:00:00"	4.5609	33.803	35.18	69.942	0.09454	26.48	0
"2015-03-08	07:00:00"	4.1706	69.262	34.864	71.129	0.09115	26.488	0
"2015-03-08	08:00:00"	3.5524	88.947	37.226	68.533	24.229	26.491	0
"2015-03-08	09:00:00"	4.6112	119.34	42.727	58.478	218.99	26.491	0
"2015-03-08	10:00:00"	5.6719	192.26	49.022	48.899	394.58	26.512	0
"2015-03-08	11:00:00"	9.0204	291.49	48.132	58.648	320.62	26.503	0.01
"2015-03-08	12:00:00"	7.6435	319.29	55.002	54.895	868.27	26.488	0
"2015-03-08	13:00:00"	5.3935	325.76	59.403	51.281	683.87	26.459	0
"2015-03-08	14:00:00"	5.601	4.3953	62.702	44.861	779.34	26.418	0
"2015-03-08	15:00:00"	4.9554	52.961	64.941	41.16	776.69	26.388	0
"2015-03-08	16:00:00"	4.0669	36.166	66.623	38.73	649.32	26.37	0
"2015-03-08	17:00:00"	4.0923	43.498	67.981	37.109	473.96	26.361	0
"2015-03-08	18:00:00"	4.0743	61.58	67.602	37.664	227.89	26.37	0
"2015-03-08	19:00:00"	8.2127	107.02	63.363	45.458	11.862	26.379	0
"2015-03-08	20:00:00"	5.6855	144.11	58.659	57.381	0.07716	26.4	0.06
"2015-03-08	21:00:00"	6.4623	162.16	53.858	76.645	0.08649	26.397	0.01
"2015-03-08	22:00:00"	4.0035	122.44	52.783	78.22	0.08712	26.418	0
"2015-03-08	23:00:00"	3.85	16.108	51.372	82.716	0.08606	26.409	0
"2015-03-09	01:00:00"	4.449	29.767	50.255	86.152	0.08331	26.412	0
"2015-03-09	02:00:00"	6.863	30.661	49.968	84.852	0.11468	26.4	0
"2015-03-09	03:00:00"	5.9117	23.621	48.79	82.54	0.11256	26.406	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-09	04:00:00"	5.7769	31.17	46.509	84.464	0.08416	26.4	0
"2015-03-09	05:00:00"	6.2883	33.368	44.043	87.187	0.08416	26.385	0
"2015-03-09	06:00:00"	7.2023	17.146	42.266	89.093	0.07123	26.388	0
"2015-03-09	07:00:00"	8.2959	35.716	41.696	89.723	0.07504	26.394	0
"2015-03-09	08:00:00"	7.9914	35.355	40.474	90.69	0.08649	26.403	0
"2015-03-09	09:00:00"	8.4606	18.273	40.347	91.293	50.615	26.418	0
"2015-03-09	10:00:00"	8.7961	31.906	45.352	88.576	269.85	26.438	0
"2015-03-09	11:00:00"	8.9353	25.966	49.568	81.757	377.17	26.453	0
"2015-03-09	12:00:00"	9.0677	37.015	54.255	71.503	582.17	26.453	0
"2015-03-09	13:00:00"	10.107	52.535	57.295	61.365	579.67	26.447	0
"2015-03-09	14:00:00"	10.729	60.747	57.878	58.009	629.99	26.426	0
"2015-03-09	15:00:00"	10.544	63.702	58.275	56.133	710.62	26.4	0
"2015-03-09	16:00:00"	9.374	63.006	58.296	54.534	656.49	26.382	0
"2015-03-09	17:00:00"	7.9908	58.984	59.137	51.765	611.87	26.373	0
"2015-03-09	18:00:00"	7.7976	53.701	59.854	49.422	418.26	26.367	0
"2015-03-09	19:00:00"	6.0689	62.512	59.293	49.617	179.55	26.376	0
"2015-03-09	20:00:00"	5.0256	62.553	57.133	52.708	42.791	26.388	0
"2015-03-09	21:00:00"	4.7069	98.35	51.077	67.353	0.20626	26.412	0
"2015-03-09	22:00:00"	5.4842	91.31	47.874	76.329	0.07313	26.426	0
"2015-03-09	23:00:00"	4.449	116.03	46.003	84.249	0.09433	26.444	0
"2015-03-10	00:00:00"	3.8624	139.43	45.247	87.877	0.10027	26.453	0
"2015-03-10	01:00:00"	3.9277	62.971	43.422	89.464	0.08606	26.453	0
"2015-03-10	02:00:00"	4.7727	30.486	41.077	91.019	0.08352	26.441	0
"2015-03-10	03:00:00"	4.9971	45.136	38.818	92.02	0.09454	26.429	0
"2015-03-10	04:00:00"	4.4677	49.79	39.146	92.705	0.0672	26.423	0
"2015-03-10	05:00:00"	2.8931	68.296	38.147	92.613	0.10302	26.409	0
"2015-03-10	06:00:00"	2.9341	3.1963	38.62	92.927	0.07716	26.42	0
"2015-03-10	07:00:00"	3.4865	349.25	37.951	92.722	0.11341	26.438	0.01
"2015-03-10	08:00:00"	2.4028	13.971	36.122	92.799	0.14139	26.459	0
"2015-03-10	09:00:00"	3.7885	348.48	37.177	92.978	34.701	26.474	0
"2015-03-10	10:00:00"	2.8776	295.11	39.804	92.903	151.61	26.503	0
"2015-03-10	11:00:00"	2.332	273.53	43.273	92.625	296.66	26.521	0
"2015-03-10	12:00:00"	3.4412	235.54	46.565	91.21	606.2	26.533	0
"2015-03-10	13:00:00"	3.7313	255.84	53.793	66.604	767.76	26.527	0
"2015-03-10	14:00:00"	3.5673	218.12	61.097	45.946	840.14	26.512	0
"2015-03-10	15:00:00"	4.9623	199.42	63.966	38.554	848.1	26.497	0
"2015-03-10	16:00:00"	5.5731	244.12	65.531	34.364	793.13	26.48	0
"2015-03-10	17:00:00"	6.8214	215.29	66.712	32.94	676.46	26.474	0
"2015-03-10	18:00:00"	6.1565	179.5	66.822	32.21	508.84	26.477	0
"2015-03-10	19:00:00"	5.6433	178.12	66.347	31.899	257.21	26.483	0
"2015-03-10	20:00:00"	4.1458	183.5	63.205	35.296	53.608	26.503	0
"2015-03-10	21:00:00"	7.4012	114.63	58.603	41.32	0.30334	26.55	0
"2015-03-10	22:00:00"	14.553	9.1231	55.701	51.924	0.09348	26.589	0
"2015-03-10	23:00:00"	12.407	359.8	53.379	63.917	0.0797	26.604	0.03
"2015-03-11	00:00:00"	5.6495	45.677	52.128	68.726	0.07504	26.58	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-11	01:00:00"	4.9964	282.9	52.27	65.051	0.08225	26.577	0
"2015-03-11	02:00:00"	4.3316	292.15	52.6	58.418	0.07907	26.586	0
"2015-03-11	03:00:00"	5.5091	58.47	49.694	68.881	0.07737	26.601	0
"2015-03-11	04:00:00"	6.2485	76.827	47.646	71.81	0.08161	26.601	0
"2015-03-11	05:00:00"	4.6112	55.06	45.713	77.123	0.07229	26.601	0
"2015-03-11	06:00:00"	4.6528	30.854	42.701	83.449	0.07546	26.612	0
"2015-03-11	07:00:00"	5.0399	23.825	41.41	85.752	0.07674	26.624	0
"2015-03-11	08:00:00"	5.9975	16.815	41.115	85.316	0.18972	26.651	0
"2015-03-11	09:00:00"	6.1379	11.315	42.104	83.831	54.3	26.669	0
"2015-03-11	10:00:00"	7.4794	20.277	47.946	76.339	242.33	26.689	0
"2015-03-11	11:00:00"	7.0513	8.9622	55.493	59.488	458.53	26.701	0
"2015-03-11	12:00:00"	5.6004	22.206	60.767	45.58	647.33	26.695	0
"2015-03-11	13:00:00"	5.9807	23.799	63.741	39.13	781.9	26.698	0
"2015-03-11	14:00:00"	6.4846	59.394	65.544	35.646	723.39	26.686	0
"2015-03-11	15:00:00"	7.513	62.524	67.256	31.312	874.4	26.666	0
"2015-03-11	16:00:00"	7.7957	66.424	67.502	28.758	583.68	26.657	0
"2015-03-11	17:00:00"	6.8804	62.774	67.873	28.371	631.51	26.642	0
"2015-03-11	18:00:00"	6.8133	82.509	67.941	29.621	477.06	26.627	0
"2015-03-11	19:00:00"	3.8395	100.17	68.084	27.888	268.62	26.627	0
"2015-03-11	20:00:00"	4.1688	72.216	65.252	30.663	70.744	26.627	0
"2015-03-11	21:00:00"	5.7253	95.658	57.4	47.304	0.24102	26.639	0
"2015-03-11	22:00:00"	5.2388	95.788	53.379	54.222	0.05554	26.651	0
"2015-03-11	23:00:00"	6.0826	95.708	51.605	55.144	0.0797	26.669	0
"2015-03-12	00:00:00"	7.1725	96.305	49.889	51.912	0.07886	26.669	0
"2015-03-12	01:00:00"	6.8966	91.199	47.694	53.222	0.09221	26.663	0
"2015-03-12	02:00:00"	4.0315	97.802	46.149	56.758	0.08628	26.666	0
"2015-03-12	03:00:00"	5.4389	81.915	43.796	64.726	0.09306	26.657	0
"2015-03-12	04:00:00"	5.9403	70.321	43.753	70.138	0.08119	26.639	0
"2015-03-12	05:00:00"	5.3121	46.949	42.167	73.976	0.06529	26.624	0
"2015-03-12	06:00:00"	3.8059	60.147	44.184	71.544	0.08352	26.621	0
"2015-03-12	07:00:00"	2.862	45.598	43.788	71.832	0.08352	26.615	0
"2015-03-12	08:00:00"	3.4238	21.037	44.105	71.551	0.26964	26.624	0
"2015-03-12	09:00:00"	3.8705	44.656	42.448	76.286	64.301	26.639	0
"2015-03-12	10:00:00"	6.3871	99.279	49.85	68.299	260.79	26.654	0
"2015-03-12	11:00:00"	8.322	135.95	55.505	52.464	480.35	26.66	0
"2015-03-12	12:00:00"	6.0745	149	58.765	41.313	673.02	26.645	0
"2015-03-12	13:00:00"	6.2609	133.99	61.528	34.121	809.09	26.63	0
"2015-03-12	14:00:00"	6.2286	131.64	63.092	29.123	877.79	26.604	0
"2015-03-12	15:00:00"	6.2162	117.26	64.471	25.974	876.69	26.568	0
"2015-03-12	16:00:00"	5.6992	118.92	65.637	23.423	811.7	26.542	0
"2015-03-12	17:00:00"	5.7787	122.76	66.493	22.403	682.86	26.524	0
"2015-03-12	18:00:00"	3.5915	149.06	67.416	21.157	501.97	26.515	0
"2015-03-12	19:00:00"	4.5888	111.36	66.396	21.666	268.14	26.518	0
"2015-03-12	20:00:00"	4.1029	124.01	62.883	24.398	41.054	26.521	0
"2015-03-12	21:00:00"	3.4548	126.19	57.58	31.2	0.23784	26.536	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-12	22:00:00"	3.7475	67.838	53.039	40.24	0.07928	26.533	0
"2015-03-12	23:00:00"	5.7645	89.995	51.893	42.663	0.08564	26.533	0
"2015-03-13	00:00:00"	5.529	98.02	49.852	46.749	0.07398	26.53	0
"2015-03-13	01:00:00"	3.8283	124.8	49.179	47.754	0.08373	26.518	0
"2015-03-13	02:00:00"	5.1866	105.6	49	47.873	0.07334	26.518	0
"2015-03-13	03:00:00"	2.9372	129.07	47.342	51.363	0.08352	26.524	0
"2015-03-13	04:00:00"	1.6858	274.88	47.607	51.453	0.07059	26.512	0
"2015-03-13	05:00:00"	3.5213	355.43	45.4	56.679	0.05342	26.5	0
"2015-03-13	06:00:00"	5.391	9.2422	40.675	67.354	0.08352	26.509	0
"2015-03-13	07:00:00"	6.5896	17.178	39.091	72.965	0.08055	26.521	0
"2015-03-13	08:00:00"	6.7139	12.342	40.605	68.94	0.28278	26.533	0
"2015-03-13	09:00:00"	6.6978	14.653	41.689	67.079	66.956	26.545	0
"2015-03-13	10:00:00"	5.5047	1.2124	51.258	50.755	277.08	26.562	0
"2015-03-13	11:00:00"	5.3842	318.08	58.875	40.668	483.9	26.568	0
"2015-03-13	12:00:00"	6.2302	309.61	62.708	33.346	663.93	26.568	0
"2015-03-13	13:00:00"	9.1366	355.71	65.166	26.802	760.84	26.562	0
"2015-03-13	14:00:00"	9.9842	10.368	67.051	24.797	840.18	26.547	0
"2015-03-13	15:00:00"	10.614	26.959	68.438	22.402	861.94	26.521	0
"2015-03-13	16:00:00"	11.385	28.69	68.569	23.178	607.43	26.503	0
"2015-03-13	17:00:00"	11.966	22.84	68.751	23.352	515.7	26.497	0
"2015-03-13	18:00:00"	12.463	35.57	68.603	22.609	294.81	26.497	0
"2015-03-13	19:00:00"	12.04	30.757	66.876	22.141	103.15	26.506	0
"2015-03-13	20:00:00"	8.7017	45.018	63.37	24.55	18.376	26.518	0
"2015-03-13	21:00:00"	5.437	36.603	56.261	31.701	0.29084	26.53	0
"2015-03-13	22:00:00"	6.072	23.155	51.858	37.356	0.08564	26.55	0
"2015-03-13	23:00:00"	6.7903	17.317	49.243	43.933	0.0797	26.574	0
"2015-03-14	00:00:00"	6.9475	14.469	48.487	47.127	0.05787	26.586	0
"2015-03-14	01:00:00"	7.3701	13.397	47.424	49.208	0.08161	26.592	0
"2015-03-14	02:00:00"	7.6584	11.63	47.245	49.901	0.08522	26.595	0
"2015-03-14	03:00:00"	8.0238	13.361	46.147	51.991	0.10429	26.607	0
"2015-03-14	04:00:00"	9.0161	11.039	45.912	51.789	0.08182	26.609	0
"2015-03-14	05:00:00"	9.1317	10.701	47.312	50.498	0.06296	26.612	0
"2015-03-14	06:00:00"	8.5445	23.993	47.445	52.957	0.07504	26.633	0
"2015-03-14	07:00:00"	7.4596	27.264	45.343	58.538	0.0884	26.648	0
"2015-03-14	08:00:00"	9.8108	20.612	46.811	56.234	0.2584	26.669	0
"2015-03-14	09:00:00"	9.2472	14.314	46.523	56.983	21.975	26.698	0
"2015-03-14	10:00:00"	11.054	25.691	50.377	49.511	107.54	26.719	0
"2015-03-14	11:00:00"	13.431	31.738	55.212	40.872	374.5	26.728	0
"2015-03-14	12:00:00"	13.116	40.764	60.387	34.327	672.48	26.722	0
"2015-03-14	13:00:00"	12.792	42.89	62.745	29.572	808.97	26.71	0
"2015-03-14	14:00:00"	16.788	37.189	64.207	26.016	884.2	26.692	0
"2015-03-14	15:00:00"	15.792	33.509	64.469	24.509	733.21	26.669	0
"2015-03-14	16:00:00"	15.455	26.077	65.038	22.674	788.67	26.648	0
"2015-03-14	17:00:00"	13.993	33.23	65.736	21.628	655.31	26.648	0
"2015-03-14	18:00:00"	12.671	32.056	65.182	21.026	417.77	26.642	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-14	19:00:00"	11.465	42.184	64.783	20.537	265.76	26.651	0
"2015-03-14	20:00:00"	9.456	52.481	62.042	20.667	62.398	26.654	0
"2015-03-14	21:00:00"	6.0316	41.769	53.713	26.769	0.49434	26.657	0
"2015-03-14	22:00:00"	6.1447	35.678	48.129	33.599	0.07059	26.674	0
"2015-03-14	23:00:00"	6.3815	26.865	44.388	39.456	0.07017	26.692	0
"2015-03-15	00:00:00"	6.9059	21.119	42.975	41.683	0.08331	26.707	0
"2015-03-15	01:00:00"	6.8686	24.129	41.083	44.095	0.09158	26.704	0
"2015-03-15	02:00:00"	7.0339	24.608	40.048	45.281	0.08331	26.704	0
"2015-03-15	03:00:00"	6.7885	34.186	39.002	45.62	0.06762	26.701	0
"2015-03-15	04:00:00"	7.1806	34.075	37.896	46.721	0.08988	26.701	0
"2015-03-15	05:00:00"	7.1955	36.891	37.087	46.754	0.08331	26.692	0
"2015-03-15	06:00:00"	6.9028	30.728	35.475	49.553	0.06847	26.701	0
"2015-03-15	07:00:00"	6.3206	19.779	35.25	49.745	0.09115	26.71	0
"2015-03-15	08:00:00"	7.3197	18.094	34.805	51.475	0.42693	26.713	0
"2015-03-15	09:00:00"	6.4275	10.67	37.27	48.331	78.341	26.748	0
"2015-03-15	10:00:00"	4.1427	11.13	47.467	36.162	284.7	26.775	0
"2015-03-15	11:00:00"	3.1485	63.663	55.951	27.513	507.13	26.775	0
"2015-03-15	12:00:00"	3.1951	91.968	60	21.929	695.67	26.778	0
"2015-03-15	13:00:00"	5.1201	83.001	61.605	19.028	828.42	26.769	0
"2015-03-15	14:00:00"	5.2891	103.04	62.798	17.456	899.74	26.739	0
"2015-03-15	15:00:00"	6.0441	117.65	64.405	16.34	900.31	26.71	0
"2015-03-15	16:00:00"	5.1474	140.92	65.718	15.249	834.31	26.683	0
"2015-03-15	17:00:00"	5.1468	83.375	66.38	14.497	686.63	26.666	0
"2015-03-15	18:00:00"	4.495	140.04	67.517	15.056	528.95	26.663	0
"2015-03-15	19:00:00"	6.9165	135.63	66.218	16.799	280.67	26.672	0
"2015-03-15	20:00:00"	6.6201	107.22	64.677	18.722	135.7	26.674	0
"2015-03-15	21:00:00"	5.3935	119.28	57.941	25.843	1.7329	26.689	0
"2015-03-15	22:00:00"	5.3599	113.43	55.099	31.699	0.085	26.701	0
"2015-03-15	23:00:00"	4.2738	140.65	53.155	34.472	0.08161	26.701	0
"2015-03-16	00:00:00"	5.4681	132.41	52.501	35.593	0.10408	26.701	0
"2015-03-16	01:00:00"	5.9459	141.58	52.929	33.697	0.0867	26.686	0
"2015-03-16	02:00:00"	4.5379	149.91	51.42	37.146	0.08628	26.677	0
"2015-03-16	03:00:00"	2.8105	209.19	50.502	41.312	0.09624	26.672	0
"2015-03-16	04:00:00"	3.4542	168.64	49.774	43.999	0.06868	26.663	0
"2015-03-16	05:00:00"	2.931	219.35	48.543	47.716	0.09497	26.651	0
"2015-03-16	06:00:00"	2.168	266.98	48.453	48.445	0.0956	26.642	0
"2015-03-16	07:00:00"	2.199	204.53	47.963	48.849	0.07059	26.648	0
"2015-03-16	08:00:00"	1.8094	192.06	47.867	48.69	0.2018	26.654	0
"2015-03-16	09:00:00"	3.622	145.56	47.19	53.71	52.935	26.669	0
"2015-03-16	10:00:00"	6.6412	163.03	55.25	48.193	274.15	26.677	0
"2015-03-16	11:00:00"	10.335	175.54	61.216	39.512	466.47	26.674	0
"2015-03-16	12:00:00"	7.8094	160.74	63.718	34.021	589.61	26.674	0
"2015-03-16	13:00:00"	7.7485	168.28	66.668	31.373	765.65	26.654	0
"2015-03-16	14:00:00"	8.0449	159.84	69.248	28.499	852.2	26.63	0
"2015-03-16	15:00:00"	10.133	184.8	70.912	29.998	852.44	26.604	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-16	16:00:00"	10.821	167.47	72.043	31.386	790.43	26.586	0
"2015-03-16	17:00:00"	11.461	173.55	72.934	32.15	654.73	26.58	0
"2015-03-16	18:00:00"	10.135	186.19	72.706	34.941	483.41	26.568	0
"2015-03-16	19:00:00"	9.6325	185.07	71.906	36.871	263.11	26.553	0
"2015-03-16	20:00:00"	7.357	162.4	68.823	40.643	43.761	26.545	0
"2015-03-16	21:00:00"	6.8276	147.12	63.61	48.184	0.48713	26.556	0
"2015-03-16	22:00:00"	7.6236	152.85	61.115	53.361	0.05957	26.568	0
"2015-03-16	23:00:00"	4.7951	136.97	57.492	60.434	0.08352	26.565	0
"2015-03-17	00:00:00"	3.6344	129.01	55.835	64.649	0.08924	26.559	0
"2015-03-17	01:00:00"	4.4701	146.75	54.303	68.681	0.09815	26.559	0
"2015-03-17	02:00:00"	5.9726	162.88	54.297	70.678	0.06381	26.559	0
"2015-03-17	03:00:00"	7.413	177.28	56.35	69.117	0.08034	26.565	0
"2015-03-17	04:00:00"	8.253	192.23	57.096	68.924	0.08034	26.55	0
"2015-03-17	05:00:00"	5.8918	200.82	56.605	71.163	0.08098	26.533	0
"2015-03-17	06:00:00"	3.7717	184.12	54.831	75.572	0.07419	26.533	0
"2015-03-17	07:00:00"	2.5128	122.11	52.237	81.248	0.07568	26.536	0
"2015-03-17	08:00:00"	2.693	131.02	50.339	85.017	0.23445	26.545	0
"2015-03-17	09:00:00"	2.2239	73.092	51.013	86.1	36.377	26.545	0
"2015-03-17	10:00:00"	2.8695	179.07	55.344	77.66	58.26	26.574	0
"2015-03-17	11:00:00"	7.4838	45.471	54.714	83.037	55.402	26.604	0.04
"2015-03-17	12:00:00"	9.1528	60.391	55.461	86.247	131.04	26.609	0.03
"2015-03-17	13:00:00"	18.732	37.892	55.092	70.617	341.8	26.589	0.01
"2015-03-17	14:00:00"	19.221	38.32	52.265	66.324	148.84	26.601	0
"2015-03-17	15:00:00"	16.786	36.56	48.98	71.894	83.185	26.583	0
"2015-03-17	16:00:00"	17.12	34.944	49.501	66.82	110.79	26.562	0
"2015-03-17	17:00:00"	18.366	34.924	50.211	62.793	113.53	26.562	0
"2015-03-17	18:00:00"	17.1	45.704	50.229	62.682	75.251	26.559	0
"2015-03-17	19:00:00"	15.604	48.644	49.416	66.91	59.087	26.556	0
"2015-03-17	20:00:00"	14.651	42.442	48.49	69.083	12.648	26.559	0
"2015-03-17	21:00:00"	9.8872	32.638	48.151	68.575	0.1416	26.568	0
"2015-03-17	22:00:00"	9.937	29.964	48.385	64.266	0.08543	26.589	0
"2015-03-17	23:00:00"	7.9386	37.777	47.795	66.917	0.06465	26.609	0
"2015-03-18	00:00:00"	8.4115	40.715	45.638	76.034	0.09136	26.595	0
"2015-03-18	01:00:00"	9.2646	32.672	44.072	82.378	0.08034	26.577	0
"2015-03-18	02:00:00"	7.741	10.937	43.269	86.269	0.08055	26.562	0.01
"2015-03-18	03:00:00"	6.9705	12.586	42.95	86.901	0.07589	26.559	0
"2015-03-18	04:00:00"	5.6967	17.812	43.14	86.031	0.06953	26.55	0
"2015-03-18	05:00:00"	5.7172	358.96	43.113	85.764	0.08606	26.53	0
"2015-03-18	06:00:00"	4.7634	2.801	43.035	85.905	0.07716	26.518	0
"2015-03-18	07:00:00"	5.2611	49.076	42.954	84.672	0.10514	26.524	0
"2015-03-18	08:00:00"	5.1319	51.441	42.98	84.343	0.22321	26.53	0
"2015-03-18	09:00:00"	4.0445	83.343	43.26	83.259	41.747	26.521	0
"2015-03-18	10:00:00"	2.3848	157.15	45.08	78.161	187.15	26.527	0
"2015-03-18	11:00:00"	4.8299	225.96	46.855	76.374	215.27	26.524	0
"2015-03-18	12:00:00"	6.8941	218.78	48.992	73.173	466.5	26.521	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-18	13:00:00"	7.8007	212.59	52.193	67.486	795.85	26.497	0
"2015-03-18	14:00:00"	9.9581	209.17	53.132	66.659	538.65	26.465	0
"2015-03-18	15:00:00"	9.5418	202.02	54.586	64.757	632.63	26.432	0
"2015-03-18	16:00:00"	10.339	212.7	54.626	65.75	387.76	26.418	0
"2015-03-18	17:00:00"	9.0527	217.09	56.695	63.184	597.45	26.388	0
"2015-03-18	18:00:00"	9.8425	213.12	59.014	60.544	412.48	26.367	0
"2015-03-18	19:00:00"	8.6911	211.69	60.013	61.387	258.46	26.364	0
"2015-03-18	20:00:00"	6.397	199.71	59.797	63.335	87.577	26.367	0
"2015-03-18	21:00:00"	4.6597	159.03	54.611	74.086	0.63975	26.37	0
"2015-03-18	22:00:00"	4.8175	148.94	52.764	79.619	0.08734	26.382	0
"2015-03-18	23:00:00"	6.1168	163.96	52.884	80.99	0.07377	26.379	0
"2015-03-19	00:00:00"	6.763	179.89	52.693	82.279	0.06656	26.385	0
"2015-03-19	01:00:00"	4.5124	218.9	51.07	86.127	0.08394	26.373	0
"2015-03-19	02:00:00"	4.152	222.79	49.974	88.693	0.07229	26.37	0
"2015-03-19	03:00:00"	3.8624	219.68	49.542	89.61	0.10239	26.358	0
"2015-03-19	04:00:00"	3.2771	222.16	49.146	90.891	0.0884	26.358	0
"2015-03-19	05:00:00"	2.6073	248.82	49.01	91.334	0.07059	26.344	0
"2015-03-19	06:00:00"	2.9633	233.87	48.106	91.999	0.07801	26.347	0
"2015-03-19	07:00:00"	3.1286	217.81	47.249	92.574	0.07674	26.358	0
"2015-03-19	08:00:00"	4.4608	191.2	48.257	92.708	1.1523	26.364	0
"2015-03-19	09:00:00"	4.9573	215.72	49.564	91.616	63.664	26.385	0
"2015-03-19	10:00:00"	6.7313	210.95	52.127	87.755	90.004	26.418	0
"2015-03-19	11:00:00"	7.321	219.81	55.276	80.652	179.04	26.426	0
"2015-03-19	12:00:00"	8.5967	232.08	62.063	62.11	608.04	26.426	0
"2015-03-19	13:00:00"	10.274	250.51	66.481	49.361	668.73	26.418	0
"2015-03-19	14:00:00"	12.162	261.36	70.814	40.368	911.97	26.403	0
"2015-03-19	15:00:00"	11.92	241.23	71.021	37.542	741.71	26.391	0
"2015-03-19	16:00:00"	11.192	238.64	72.753	34.246	779.54	26.373	0
"2015-03-19	17:00:00"	11.592	221.41	72.908	33.82	553.51	26.37	0
"2015-03-19	18:00:00"	10.804	220.81	73.378	32.189	517.45	26.358	0
"2015-03-19	19:00:00"	10.966	220.98	73.265	30.836	284.69	26.37	0
"2015-03-19	20:00:00"	9.4461	204.92	71.005	32.279	82.173	26.382	0
"2015-03-19	21:00:00"	6.5567	210.93	67.138	36.255	1.4951	26.403	0
"2015-03-19	22:00:00"	5.3034	179.99	62.063	48.165	0.06232	26.435	0
"2015-03-19	23:00:00"	2.7701	204.83	59.352	62.31	0.05808	26.462	0
"2015-03-20	00:00:00"	7.7448	26.495	57.429	71.932	0.06911	26.497	0
"2015-03-20	01:00:00"	17.484	24.989	53.01	82.05	0.07419	26.521	0
"2015-03-20	02:00:00"	17.658	32.357	48.929	87.269	0.06317	26.539	0
"2015-03-20	03:00:00"	16.896	38.172	47.283	88.576	0.07356	26.556	0
"2015-03-20	04:00:00"	16.42	40.102	45.923	88.774	0.09348	26.545	0
"2015-03-20	05:00:00"	15.241	35.94	45.075	87.79	0.0797	26.542	0
"2015-03-20	06:00:00"	13.635	22.413	44.963	85.776	0.06465	26.574	0
"2015-03-20	07:00:00"	12.337	37.498	45.561	81.927	0.08882	26.589	0
"2015-03-20	08:00:00"	11.554	26.65	45.494	81.692	0.09518	26.607	0
"2015-03-20	09:00:00"	10.549	32.678	45.457	82.838	7.3576	26.639	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-20	10:00:00"	8.3363	45.299	45.403	86.869	23.739	26.654	0.01
"2015-03-20	11:00:00"	11.395	33.283	45.458	87.541	82.793	26.657	0
"2015-03-20	12:00:00"	12.765	27.307	46.023	85.241	162.28	26.669	0
"2015-03-20	13:00:00"	12.318	28.247	47.729	80.557	222.93	26.669	0
"2015-03-20	14:00:00"	10.888	38.729	50.205	73.905	348.4	26.651	0
"2015-03-20	15:00:00"	8.263	20.203	53.152	67.449	364.3	26.633	0
"2015-03-20	16:00:00"	4.651	44.175	55.948	62.3	413.54	26.627	0
"2015-03-20	17:00:00"	3.5754	120.36	57.483	59.664	352.04	26.609	0
"2015-03-20	18:00:00"	3.2989	127.33	58.588	57.803	314.26	26.601	0
"2015-03-20	19:00:00"	4.4826	77.745	58.929	57.597	205.57	26.595	0
"2015-03-20	20:00:00"	5.2245	110.84	56.912	63.709	53.765	26.589	0
"2015-03-20	21:00:00"	3.2193	133.54	51.894	75.707	1.1884	26.598	0
"2015-03-20	22:00:00"	1.0054	217.7	49.696	81.132	0.06677	26.609	0
"2015-03-20	23:00:00"	0.92957	320.82	49.275	84.292	0.06105	26.618	0
"2015-03-21	00:00:00"	0.9973	64.841	49.366	84.992	0.08204	26.612	0
"2015-03-21	01:00:00"	1.523	138.13	48.654	86.255	0.11383	26.612	0
"2015-03-21	02:00:00"	1.5217	8.4525	48.165	87.713	0.09115	26.598	0
"2015-03-21	03:00:00"	1.9039	209.71	47.337	88.797	0.07758	26.598	0
"2015-03-21	04:00:00"	2.4091	175.44	47.474	90.402	0.08606	26.571	0
"2015-03-21	05:00:00"	1.2278	213.19	46.401	91.273	0.09666	26.547	0
"2015-03-21	06:00:00"	1.6181	63.907	45.908	91.99	0.07568	26.547	0
"2015-03-21	07:00:00"	2.3941	53.665	45.733	92.187	0.08861	26.553	0
"2015-03-21	08:00:00"	1.3919	107.11	46.335	92.315	0.16916	26.568	0
"2015-03-21	09:00:00"	2.2904	324.72	46.899	91.949	16.942	26.586	0
"2015-03-21	10:00:00"	2.0288	357.43	48.523	89.818	42.044	26.607	0
"2015-03-21	11:00:00"	2.5601	303.57	50.02	88.093	56.125	26.618	0.01
"2015-03-21	12:00:00"	5.4594	8.4472	50.58	89.276	144.57	26.598	0.06
"2015-03-21	13:00:00"	8.445	60.861	52.077	85.684	254.16	26.574	0
"2015-03-21	14:00:00"	8.5233	68.055	53.103	80.824	235.4	26.547	0
"2015-03-21	15:00:00"	8.2506	69.64	53.903	78.743	193.24	26.521	0
"2015-03-21	16:00:00"	6.5666	58.794	54.512	79.433	157.79	26.497	0.01
"2015-03-21	17:00:00"	5.1965	31.068	53.594	85.267	81.329	26.491	0.02
"2015-03-21	18:00:00"	5.1505	17.225	53.293	86.034	49.657	26.488	0
"2015-03-21	19:00:00"	3.7307	3.1128	53.48	84.768	42.058	26.497	0
"2015-03-21	20:00:00"	2.3761	59.157	52.744	88.576	18.156	26.494	0.03
"2015-03-21	21:00:00"	1.6932	91.285	51.752	90.563	0.23827	26.494	0
"2015-03-21	22:00:00"	3.3306	49.313	50.197	91.319	0.07652	26.503	0
"2015-03-21	23:00:00"	3.5959	126.52	49.303	92.285	0.08882	26.512	0
"2015-03-22	00:00:00"	1.7939	162.47	49.365	92.482	0.08606	26.518	0
"2015-03-22	01:00:00"	2.7166	252.9	49.312	92.655	0.05745	26.521	0
"2015-03-22	02:00:00"	4.4155	241.45	50.063	92.614	0.07758	26.515	0
"2015-03-22	03:00:00"	4.2993	226.57	50.425	89.342	0.07419	26.509	0.01
"2015-03-22	04:00:00"	3.2237	211.93	50.313	88.567	0.10769	26.494	0
"2015-03-22	05:00:00"	3.2206	188.86	48.34	90.222	0.08946	26.474	0
"2015-03-22	06:00:00"	3.4275	212.44	44.959	92.059	0.1062	26.471	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-22	07:00:00"	3.658	245.11	43.755	92.454	0.08755	26.468	0
"2015-03-22	08:00:00"	2.081	241.55	43.86	92.784	0.81061	26.471	0
"2015-03-22	09:00:00"	3.7935	244.65	44.172	92.838	54.973	26.483	0
"2015-03-22	10:00:00"	8.0262	276.55	46.941	92.895	323.65	26.5	0
"2015-03-22	11:00:00"	5.386	254.79	52.155	85.107	528.38	26.512	0
"2015-03-22	12:00:00"	5.1133	258.7	59.721	68.513	701.67	26.509	0
"2015-03-22	13:00:00"	7.6149	299.69	67.545	45.744	830.28	26.5	0
"2015-03-22	14:00:00"	7.2209	286.27	71.878	34.861	892.92	26.485	0
"2015-03-22	15:00:00"	7.7354	302.15	75.709	24.116	894.05	26.468	0
"2015-03-22	16:00:00"	7.4136	293.93	78.059	18.583	821.1	26.456	0
"2015-03-22	17:00:00"	7.5192	292.2	79.761	16.029	685.49	26.45	0
"2015-03-22	18:00:00"	8.2804	321.12	79.873	13.361	508.37	26.441	0
"2015-03-22	19:00:00"	8.2717	307.32	79.481	12.276	299.09	26.447	0
"2015-03-22	20:00:00"	5.8775	332.02	76.622	13.431	97.438	26.45	0
"2015-03-22	21:00:00"	1.7821	13.603	69.919	17.643	1.3287	26.465	0
"2015-03-22	22:00:00"	2.8695	226.98	64.585	28.676	0.0619	26.488	0
"2015-03-22	23:00:00"	1.5273	236.45	61.426	39.079	0.07483	26.494	0
"2015-03-23	00:00:00"	1.7069	203.33	59.784	45.153	0.07398	26.497	0
"2015-03-23	01:00:00"	2.5464	159.05	56.56	51.742	0.08882	26.497	0
"2015-03-23	02:00:00"	3.4356	155.59	53.225	61.011	0.0725	26.494	0
"2015-03-23	03:00:00"	2.14	217.37	52.873	63.39	0.07758	26.491	0
"2015-03-23	04:00:00"	1.5789	229.75	51.71	65.727	0.08373	26.483	0
"2015-03-23	05:00:00"	1.8759	248.28	51.314	66.515	0.07398	26.477	0
"2015-03-23	06:00:00"	2.8502	245.43	48.767	70.644	0.08543	26.474	0
"2015-03-23	07:00:00"	2.8136	260.34	49.582	69.871	0.09179	26.477	0
"2015-03-23	08:00:00"	2.2885	246.91	49.242	68.603	2.336	26.491	0
"2015-03-23	09:00:00"	2.2798	243.7	47.844	74.357	104.5	26.503	0
"2015-03-23	10:00:00"	3.7543	241.13	56.063	56.134	310.47	26.515	0
"2015-03-23	11:00:00"	6.8028	239.26	66.903	32.709	517.86	26.515	0
"2015-03-23	12:00:00"	8.8191	234.35	71.726	29.209	693.95	26.521	0
"2015-03-23	13:00:00"	10.108	231.11	76.679	21.821	818.73	26.5	0
"2015-03-23	14:00:00"	11.086	233.28	79.33	18.015	883.98	26.477	0
"2015-03-23	15:00:00"	13.338	233.51	80.879	15.319	888.7	26.453	0
"2015-03-23	16:00:00"	15.508	225.93	81.708	14.23	782.22	26.426	0
"2015-03-23	17:00:00"	14.763	230.53	81.425	13.633	591.84	26.412	0
"2015-03-23	18:00:00"	14.241	235.27	81.479	14.439	462.6	26.397	0
"2015-03-23	19:00:00"	14.359	231.15	80.662	15.414	290.92	26.394	0
"2015-03-23	20:00:00"	10.899	220.99	77.903	17.787	91.603	26.394	0
"2015-03-23	21:00:00"	6.1441	202.66	69.396	25.996	0.70314	26.397	0
"2015-03-23	22:00:00"	6.694	210.11	66.062	29.802	0.0761	26.403	0
"2015-03-23	23:00:00"	4.8088	220.95	62.712	35.073	0.0761	26.409	0
"2015-03-24	00:00:00"	4.6764	206.22	60.518	37.866	0.06741	26.409	0
"2015-03-24	01:00:00"	3.2001	238.95	59.29	40.684	0.08394	26.403	0
"2015-03-24	02:00:00"	4.833	192.88	56.196	47.191	0.08712	26.397	0
"2015-03-24	03:00:00"	4.5372	208.09	55.06	53.892	0.07334	26.391	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-24	04:00:00"	3.6829	235.72	52.519	61.24	0.06847	26.382	0
"2015-03-24	05:00:00"	2.3855	261.87	49.681	68.59	0.07822	26.376	0
"2015-03-24	06:00:00"	2.1475	258.87	49.316	70.683	0.08967	26.382	0
"2015-03-24	07:00:00"	1.9039	198.98	47.978	71.288	0.08712	26.394	0
"2015-03-24	08:00:00"	2.4501	280.84	48.245	69.902	2.5134	26.412	0
"2015-03-24	09:00:00"	2.3749	276.9	50.951	56.675	109.59	26.432	0
"2015-03-24	10:00:00"	8.7918	318.88	62.107	31.73	317.85	26.465	0
"2015-03-24	11:00:00"	11.554	319.41	70.846	19.231	530.88	26.474	0
"2015-03-24	12:00:00"	12.873	336.11	74.421	15.313	708.17	26.465	0
"2015-03-24	13:00:00"	9.4225	337.63	76.898	12.707	836.46	26.456	0
"2015-03-24	14:00:00"	7.3533	338.3	78.308	11.775	900.6	26.435	0
"2015-03-24	15:00:00"	6.1976	318.45	79.587	10.695	897.99	26.418	0
"2015-03-24	16:00:00"	6.6847	304.89	80.543	10.297	825.28	26.4	0
"2015-03-24	17:00:00"	6.5194	237.34	81.48	9.8042	698.45	26.385	0
"2015-03-24	18:00:00"	6.8158	222.03	81.07	9.9911	513.83	26.373	0
"2015-03-24	19:00:00"	8.1213	215.41	80.21	11.271	302.87	26.367	0
"2015-03-24	20:00:00"	7.5851	186.59	76.437	14.106	98.998	26.367	0
"2015-03-24	21:00:00"	5.0219	170.06	67.571	19.937	1.6136	26.373	0
"2015-03-24	22:00:00"	5.0033	151.99	63.663	23.12	0.06338	26.379	0
"2015-03-24	23:00:00"	4.1756	154.04	62	23.989	0.06381	26.385	0
"2015-03-25	00:00:00"	3.448	139.45	60.062	25.504	0.06805	26.385	0
"2015-03-25	01:00:00"	3.6854	182.73	57.855	30.364	0.07568	26.376	0
"2015-03-25	02:00:00"	5.4165	163.61	56.569	33.517	0.06932	26.376	0
"2015-03-25	03:00:00"	4.2912	190.16	55.476	38.177	0.08458	26.364	0
"2015-03-25	04:00:00"	1.8113	187.47	54.386	48.472	0.07801	26.341	0
"2015-03-25	05:00:00"	2.7042	234.1	52.312	64.892	0.08246	26.329	0
"2015-03-25	06:00:00"	2.5433	233.52	50.522	73.37	0.09073	26.329	0
"2015-03-25	07:00:00"	2.1065	216.32	49.716	73.449	0.05278	26.335	0
"2015-03-25	08:00:00"	2.2481	208.93	49.168	77.951	3.0428	26.353	0
"2015-03-25	09:00:00"	3.0727	233.11	48.704	84.523	109.16	26.358	0
"2015-03-25	10:00:00"	6.0577	224.72	57.766	57.583	318.65	26.376	0
"2015-03-25	11:00:00"	7.838	246.2	66.752	32.171	530.99	26.385	0
"2015-03-25	12:00:00"	12.408	290.31	74.896	15.942	711.76	26.385	0
"2015-03-25	13:00:00"	13.415	269.83	76.925	13.568	841.72	26.37	0
"2015-03-25	14:00:00"	14.963	262.79	78.446	12.22	837.44	26.356	0
"2015-03-25	15:00:00"	15.977	257.95	79.987	10.885	909.65	26.332	0
"2015-03-25	16:00:00"	17.939	248.76	78.995	10.826	630.81	26.32	0
"2015-03-25	17:00:00"	17.076	252.38	77.785	11.419	410.21	26.317	0
"2015-03-25	18:00:00"	16.647	248.29	77.004	12.228	276.25	26.311	0
"2015-03-25	19:00:00"	14.854	248.15	77.23	11.814	254.02	26.314	0
"2015-03-25	20:00:00"	9.6785	255.04	74.645	13.017	46.882	26.329	0
"2015-03-25	21:00:00"	4.7833	271.43	70.614	16.267	2.4691	26.364	0
"2015-03-25	22:00:00"	11.234	341.71	66.774	22.245	0.06105	26.441	0
"2015-03-25	23:00:00"	24.591	27.648	58.744	36.334	0.07419	26.488	0
"2015-03-26	00:00:00"	26.208	27.437	51.553	47.599	0.08225	26.521	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-26	01:00:00"	27.521	25.524	47.211	55.057	0.08267	26.55	0
"2015-03-26	02:00:00"	24.281	28.594	45.23	59.487	0.07356	26.592	0
"2015-03-26	03:00:00"	16.393	21.661	43.303	64.276	0.08967	26.63	0
"2015-03-26	04:00:00"	15.537	20.642	41.892	67.951	0.08246	26.624	0
"2015-03-26	05:00:00"	12.259	17.859	40.809	70.669	0.08649	26.651	0
"2015-03-26	06:00:00"	8.5401	2.8	40.345	71.996	0.07038	26.654	0
"2015-03-26	07:00:00"	6.4318	355.72	38.854	74.486	0.08119	26.674	0
"2015-03-26	08:00:00"	8.1946	355.38	37.921	76.813	3.5197	26.704	0
"2015-03-26	09:00:00"	10.45	350.77	38.507	71.948	112.38	26.725	0
"2015-03-26	10:00:00"	13.58	1.7385	41.661	60.595	324.28	26.736	0
"2015-03-26	11:00:00"	11.943	7.8758	44.649	49.165	543.63	26.745	0
"2015-03-26	12:00:00"	9.8146	11.223	47.828	39.132	734.93	26.745	0
"2015-03-26	13:00:00"	8.6091	7.7858	51.016	33.476	866.82	26.728	0
"2015-03-26	14:00:00"	7.3552	3.0817	53.848	28.088	929.6	26.707	0
"2015-03-26	15:00:00"	7.1464	7.4633	56.387	24.129	920.08	26.677	0
"2015-03-26	16:00:00"	7.0041	343.49	59.013	20.91	845.94	26.648	0
"2015-03-26	17:00:00"	6.5039	337.19	60.745	17.514	713.56	26.621	0
"2015-03-26	18:00:00"	5.4271	301.1	61.939	16.566	525.64	26.609	0
"2015-03-26	19:00:00"	5.6091	316.85	62.426	16.535	310.5	26.607	0
"2015-03-26	20:00:00"	3.6636	296.62	61.577	16.646	104.99	26.612	0
"2015-03-26	21:00:00"	1.569	117.57	57.256	19.766	2.3587	26.621	0
"2015-03-26	22:00:00"	1.4826	171.1	52.426	23.452	0.07886	26.639	0
"2015-03-26	23:00:00"	3.0659	174.35	48.201	30.869	0.07419	26.645	0
"2015-03-27	00:00:00"	2.6352	205.44	44.8	37.845	0.09687	26.645	0
"2015-03-27	01:00:00"	2.0077	214.35	43.93	41.554	0.07398	26.636	0
"2015-03-27	02:00:00"	2.7974	218.59	41.992	46.342	0.05978	26.624	0
"2015-03-27	03:00:00"	2.8875	227.93	41.131	49.692	0.09518	26.612	0
"2015-03-27	04:00:00"	3.0404	224.61	41.57	49.553	0.08522	26.604	0
"2015-03-27	05:00:00"	3.7189	250.46	39.958	54.169	0.07186	26.604	0
"2015-03-27	06:00:00"	2.2587	205.06	39.457	54.223	0.09285	26.601	0
"2015-03-27	07:00:00"	2.7657	221.13	39.615	54.138	0.10535	26.604	0
"2015-03-27	08:00:00"	3.6773	234.25	40.308	55.266	4.3479	26.607	0
"2015-03-27	09:00:00"	3.7276	244.25	41.007	58.303	119.38	26.612	0
"2015-03-27	10:00:00"	7.8125	231.72	51.731	41.827	330.79	26.627	0
"2015-03-27	11:00:00"	9.5039	225.82	59.581	32.04	543.49	26.636	0
"2015-03-27	12:00:00"	9.2889	229.12	65.561	26.982	716.31	26.636	0
"2015-03-27	13:00:00"	7.7038	239.31	70.305	21.322	837.19	26.624	0
"2015-03-27	14:00:00"	6.9289	252.68	73.907	17.445	895.11	26.601	0
"2015-03-27	15:00:00"	7.3682	269.44	76.184	13.854	893.54	26.577	0
"2015-03-27	16:00:00"	8.3935	265.29	77.574	12.831	826.38	26.547	0
"2015-03-27	17:00:00"	7.7808	268.01	78.393	12.199	696.04	26.53	0
"2015-03-27	18:00:00"	6.4989	251.65	78.485	12.625	513.28	26.515	0
"2015-03-27	19:00:00"	7.9765	234.96	77.884	13.071	303.5	26.512	0
"2015-03-27	20:00:00"	7.8044	214.45	74.552	14.843	101.93	26.515	0
"2015-03-27	21:00:00"	3.9556	189.08	65.723	20.464	2.2375	26.518	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-27	22:00:00"	4.4397	160.32	62.139	24.447	0.0831	26.533	0
"2015-03-27	23:00:00"	5.3978	144.33	60.213	28.146	0.05511	26.539	0
"2015-03-28	00:00:00"	6.566	148.26	58.767	29.621	0.0725	26.539	0
"2015-03-28	01:00:00"	6.7257	160.25	56.732	32.593	0.08628	26.542	0
"2015-03-28	02:00:00"	5.1437	188.46	52.798	41.318	0.07398	26.533	0
"2015-03-28	03:00:00"	5.4289	197.23	51	49.156	0.07737	26.515	0
"2015-03-28	04:00:00"	4.5478	225.77	47.842	56.307	0.10514	26.5	0
"2015-03-28	05:00:00"	4.1172	239.2	47.452	58.969	0.08373	26.491	0
"2015-03-28	06:00:00"	4.5379	257.98	47.251	59.064	0.06147	26.494	0
"2015-03-28	07:00:00"	4.0364	263.02	47.435	60.045	0.07652	26.494	0
"2015-03-28	08:00:00"	3.2908	245.43	45.563	64.47	5.4638	26.503	0
"2015-03-28	09:00:00"	4.1377	248.15	47.311	62.029	124.85	26.512	0
"2015-03-28	10:00:00"	6.1864	242.99	55.454	47.094	336.54	26.524	0
"2015-03-28	11:00:00"	6.7705	238.53	66.109	30.802	545.37	26.53	0
"2015-03-28	12:00:00"	7.1688	271.6	74.22	19.758	720.34	26.521	0
"2015-03-28	13:00:00"	8.9987	293.69	80.122	13.76	845.65	26.503	0
"2015-03-28	14:00:00"	10.954	306.18	83.057	12.092	906.29	26.485	0
"2015-03-28	15:00:00"	11.169	288.86	84.689	11.247	900.97	26.462	0
"2015-03-28	16:00:00"	11.622	287.45	85.486	9.4506	836.91	26.438	0
"2015-03-28	17:00:00"	11.82	293.11	85.774	8.6453	706.58	26.42	0
"2015-03-28	18:00:00"	10.485	305.33	85.914	7.7042	527.9	26.42	0
"2015-03-28	19:00:00"	9.9227	324.23	85.055	8.1061	314.73	26.429	0
"2015-03-28	20:00:00"	7.0153	336.39	82.029	9.4842	109.04	26.438	0
"2015-03-28	21:00:00"	5.6296	353.02	73.888	13.329	2.8825	26.444	0
"2015-03-28	22:00:00"	5.2537	6.1882	73.72	13.135	0.07419	26.459	0
"2015-03-28	23:00:00"	3.6077	18.297	73.656	12.24	0.06126	26.462	0
"2015-03-29	00:00:00"	2.6576	283.15	65.519	19.527	0.06995	26.465	0
"2015-03-29	01:00:00"	2.1854	107.96	61.197	23.107	0.08119	26.468	0
"2015-03-29	02:00:00"	7.2209	180.69	59.412	34.566	0.06805	26.459	0
"2015-03-29	03:00:00"	6.5778	184.37	57.292	44.915	0.05935	26.45	0
"2015-03-29	04:00:00"	3.571	221.6	55.82	48.052	0.07992	26.435	0
"2015-03-29	05:00:00"	3.4412	235.28	53.751	51.404	0.07886	26.429	0
"2015-03-29	06:00:00"	3.96	248.59	52.229	53.481	0.08755	26.435	0
"2015-03-29	07:00:00"	3.7773	262.31	50.06	57.625	0.08288	26.45	0
"2015-03-29	08:00:00"	5.1996	285.55	49.945	57.882	6.3371	26.477	0
"2015-03-29	09:00:00"	4.6205	307.99	54.301	49.118	130.3	26.494	0
"2015-03-29	10:00:00"	12.443	325.97	67.245	21.188	341.42	26.512	0
"2015-03-29	11:00:00"	14.702	326.41	76.315	14.031	553.79	26.53	0
"2015-03-29	12:00:00"	14.459	327.54	82.869	11.476	730.09	26.533	0
"2015-03-29	13:00:00"	16.514	348.96	84.739	11.179	847.01	26.536	0
"2015-03-29	14:00:00"	15.943	6.6304	83.807	12.829	907.07	26.533	0
"2015-03-29	15:00:00"	15.178	31.083	84.439	13.565	894.41	26.524	0
"2015-03-29	16:00:00"	14.129	34.477	85.353	13.117	815.22	26.515	0
"2015-03-29	17:00:00"	11.431	39.292	85.206	12.346	687.31	26.509	0
"2015-03-29	18:00:00"	11.905	44.953	84.78	12.065	502.76	26.506	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-29	19:00:00"	13.633	59.159	82.931	13.228	282.62	26.518	0
"2015-03-29	20:00:00"	13.99	56.983	78.764	14.908	82.098	26.539	0
"2015-03-29	21:00:00"	12.565	62.556	73.01	18.539	0.98782	26.559	0
"2015-03-29	22:00:00"	13.222	69.3	68.989	22.693	0.05257	26.583	0
"2015-03-29	23:00:00"	13.191	68.361	65.592	25.847	0.06169	26.589	0
"2015-03-30	00:00:00"	12.803	69.264	63.061	28.859	0.06995	26.589	0
"2015-03-30	01:00:00"	12.567	77.939	61.745	32.248	0.08712	26.598	0
"2015-03-30	02:00:00"	11.579	90.098	60.224	37.568	0.08861	26.604	0
"2015-03-30	03:00:00"	9.8506	94.366	58.573	40.99	0.06338	26.612	0
"2015-03-30	04:00:00"	4.7268	31.863	54.748	46.421	0.0566	26.621	0
"2015-03-30	05:00:00"	5.4873	347.26	52.021	50.853	0.06656	26.618	0
"2015-03-30	06:00:00"	5.9726	14.778	49.848	55.054	0.06699	26.612	0
"2015-03-30	07:00:00"	7.2141	19.765	50.405	54.987	0.08437	26.618	0
"2015-03-30	08:00:00"	8.6992	33.441	52.116	52.959	1.7575	26.639	0
"2015-03-30	09:00:00"	9.1	50.269	53.375	50.651	49.444	26.648	0
"2015-03-30	10:00:00"	10.025	67.957	56.788	44.385	163.9	26.648	0
"2015-03-30	11:00:00"	10.322	93.792	60.242	40.776	365.43	26.66	0
"2015-03-30	12:00:00"	9.2622	106.3	64.032	40.181	468.54	26.657	0
"2015-03-30	13:00:00"	8.0424	140.22	67.289	40.621	584.96	26.639	0
"2015-03-30	14:00:00"	8.1201	170.78	69.482	41.822	521.96	26.621	0
"2015-03-30	15:00:00"	7.9542	178.58	71.554	41.437	546.14	26.595	0
"2015-03-30	16:00:00"	8.2251	185.03	73.353	40.676	609.59	26.562	0
"2015-03-30	17:00:00"	9.7468	178.76	74.912	37.83	473.63	26.539	0
"2015-03-30	18:00:00"	8.7619	164.4	74.898	37.977	251.04	26.509	0
"2015-03-30	19:00:00"	8.3407	173.16	74.119	40.377	128.56	26.506	0
"2015-03-30	20:00:00"	5.578	168.48	72.586	44.121	44.054	26.503	0
"2015-03-30	21:00:00"	2.5433	180.28	68.403	49.581	2.4939	26.509	0
"2015-03-30	22:00:00"	1.9393	177.4	64.622	56.031	0.07462	26.518	0
"2015-03-30	23:00:00"	0.76553	131.89	62.981	60.064	0.0655	26.515	0
"2015-03-31	00:00:00"	0.61516	65.491	60.02	66.633	0.0903	26.5	0
"2015-03-31	01:00:00"	2.0785	160.27	59.145	68.177	0.07886	26.497	0
"2015-03-31	02:00:00"	3.0012	231.82	59.632	68.623	0.07737	26.488	0
"2015-03-31	03:00:00"	3.2666	267.2	58.917	70.98	0.07737	26.48	0
"2015-03-31	04:00:00"	2.7564	237.57	56.567	75.765	0.07123	26.462	0
"2015-03-31	05:00:00"	3.2802	253.76	54.733	80.224	0.07101	26.45	0
"2015-03-31	06:00:00"	4.0818	285.38	54.815	84.85	0.0602	26.45	0
"2015-03-31	07:00:00"	2.3457	271.27	53.099	87.456	0.07737	26.45	0
"2015-03-31	08:00:00"	1.8461	280.61	51.465	91.021	5.0667	26.453	0
"2015-03-31	09:00:00"	2.296	242.35	52.557	90.721	135.92	26.465	0
"2015-03-31	10:00:00"	8.5476	212.24	63.403	72.575	331.35	26.474	0
"2015-03-31	11:00:00"	5.6439	246.94	67.985	60.256	374.09	26.483	0
"2015-03-31	12:00:00"	5.2058	227.81	69.848	55.799	280.01	26.483	0
"2015-03-31	13:00:00"	8.5122	213.47	71.02	51.156	318.14	26.474	0
"2015-03-31	14:00:00"	10.163	225.82	73.39	42.416	514.53	26.45	0
"2015-03-31	15:00:00"	9.8058	223.78	77.154	33.036	497.31	26.426	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-03-31	16:00:00"	11.886	219.68	80.126	23.113	631.67	26.397	0
"2015-03-31	17:00:00"	13.653	215.24	80.328	23.273	501.53	26.376	0
"2015-03-31	18:00:00"	14.27	209.76	80.15	22.585	381.5	26.367	0
"2015-03-31	19:00:00"	13.626	209.5	77.308	23.803	134.34	26.37	0
"2015-03-31	20:00:00"	10.448	205.28	74.306	28.031	34.868	26.376	0
"2015-03-31	21:00:00"	7.6957	198.99	71.381	31.337	0.63424	26.382	0
"2015-03-31	22:00:00"	5.0549	179.07	66.327	37.902	0.04854	26.391	0
"2015-03-31	23:00:00"	3.7786	162.29	62.836	43.45	0.08458	26.391	0
"2015-04-01	00:00:00"	1.472	174.65	61.914	44.948	0.08034	26.388	0
"2015-04-01	01:00:00"	5.3854	178.57	58.776	48.694	0.05829	26.391	0
"2015-04-01	02:00:00"	2.8863	216.45	58.102	50.503	0.08331	26.373	0
"2015-04-01	03:00:00"	2.7316	240.54	57.998	52.114	0.06126	26.358	0
"2015-04-01	04:00:00"	3.0522	198.02	55.761	55.487	0.06359	26.347	0
"2015-04-01	05:00:00"	3.2697	176.53	53.061	60.659	0.07186	26.338	0
"2015-04-01	06:00:00"	5.2972	164.61	52.131	65.546	0.10027	26.338	0
"2015-04-01	07:00:00"	5.0076	198.47	51.781	70.846	0.06338	26.335	0
"2015-04-01	08:00:00"	4.2893	192.36	50.402	75.434	5.7881	26.335	0
"2015-04-01	09:00:00"	6.3715	178.09	54.143	68.921	127.4	26.35	0
"2015-04-01	10:00:00"	10.547	209.36	61.539	49.967	334.25	26.364	0
"2015-04-01	11:00:00"	7.733	240.11	65.51	44.24	541.9	26.379	0
"2015-04-01	12:00:00"	7.5546	236.44	71.838	34.704	715.24	26.37	0
"2015-04-01	13:00:00"	8.3065	276.88	77.048	25.825	836.35	26.344	0
"2015-04-01	14:00:00"	7.8976	300.53	79.403	20.528	900.25	26.326	0
"2015-04-01	15:00:00"	7.1178	297.16	80.966	18.776	892.89	26.302	0
"2015-04-01	16:00:00"	8.2164	268.41	82.868	16.497	822.94	26.285	0
"2015-04-01	17:00:00"	8.1369	256.58	83.76	15.798	686.7	26.267	0
"2015-04-01	18:00:00"	9.6375	244.41	84.168	14.864	506.76	26.261	0
"2015-04-01	19:00:00"	11.033	244	83.317	14.776	298.53	26.264	0
"2015-04-01	20:00:00"	9.8661	226.48	80.874	18.089	121.92	26.264	0
"2015-04-01	21:00:00"	6.1646	209.84	72.964	23.804	2.9985	26.273	0
"2015-04-01	22:00:00"	5.7881	215.48	69.096	27.152	0.07483	26.296	0
"2015-04-01	23:00:00"	3.1646	239.4	63.563	33.091	0.06487	26.311	0
"2015-04-02	00:00:00"	3.1733	230.2	61.825	34.7	0.07864	26.317	0
"2015-04-02	01:00:00"	2.0014	223.1	60.348	36.286	0.07059	26.32	0
"2015-04-02	02:00:00"	2.0201	240.57	58.685	39.015	0.08182	26.314	0
"2015-04-02	03:00:00"	2.5016	194.08	57.674	40.593	0.06741	26.32	0
"2015-04-02	04:00:00"	4.1725	268.33	59.029	38.063	0.07568	26.323	0
"2015-04-02	05:00:00"	3.2554	265.9	58.456	38.484	0.08628	26.323	0
"2015-04-02	06:00:00"	2.4184	244.06	57.991	39.242	0.06762	26.323	0
"2015-04-02	07:00:00"	3.8363	269.55	58.761	39.265	0.07462	26.347	0
"2015-04-02	08:00:00"	3.8674	246.49	58.697	40.362	9.1488	26.364	0
"2015-04-02	09:00:00"	6.0093	208.31	58.32	51.333	138.48	26.385	0
"2015-04-02	10:00:00"	6.8512	230.66	63.872	42.361	347.35	26.397	0
"2015-04-02	11:00:00"	8.2723	227.76	71.824	31.157	555.28	26.415	0
"2015-04-02	12:00:00"	13.638	252.14	79.058	18.532	727.66	26.412	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-02	13:00:00"	14.747	250.25	80.364	17.386	838.05	26.394	0
"2015-04-02	14:00:00"	14.963	230.16	81.758	18.189	909.59	26.37	0
"2015-04-02	15:00:00"	20.976	225.95	82.66	16.951	889.94	26.341	0
"2015-04-02	16:00:00"	22.392	229.41	83.414	15.689	846.69	26.311	0
"2015-04-02	17:00:00"	22.411	230.13	84.18	11.602	713.56	26.296	0
"2015-04-02	18:00:00"	20.938	231.73	83.917	12.055	531.53	26.291	0
"2015-04-02	19:00:00"	18.502	226.22	82.438	13.349	229.45	26.291	0
"2015-04-02	20:00:00"	11.961	227.6	79.684	15.845	59.897	26.296	0
"2015-04-02	21:00:00"	4.2421	229.53	74.413	20.614	3.4644	26.317	0
"2015-04-02	22:00:00"	5.9739	243.76	70.992	24.335	0.0619	26.341	0
"2015-04-02	23:00:00"	3.4747	277.94	68.773	24.907	0.07928	26.361	0
"2015-04-03	00:00:00"	6.4355	285.75	68.547	24.569	0.08161	26.361	0
"2015-04-03	01:00:00"	6.1777	284.61	68.08	24.978	0.09412	26.373	0
"2015-04-03	02:00:00"	2.8223	298.97	64.435	27.44	0.0744	26.376	0
"2015-04-03	03:00:00"	5.9813	301.6	65.017	24.858	0.07334	26.37	0
"2015-04-03	04:00:00"	5.0033	266.86	65.594	22.558	0.05702	26.367	0
"2015-04-03	05:00:00"	5.7912	309.46	63.664	23.82	0.07801	26.394	0
"2015-04-03	06:00:00"	6.8562	320.89	61.168	26.261	0.07631	26.426	0
"2015-04-03	07:00:00"	18.01	6.9191	53.164	36.945	0.06402	26.477	0
"2015-04-03	08:00:00"	20.727	22.718	44.463	58.264	4.8948	26.518	0
"2015-04-03	09:00:00"	21.744	33.249	43.905	61.739	124.67	26.553	0
"2015-04-03	10:00:00"	23.606	31.372	45.991	58.228	346.44	26.595	0
"2015-04-03	11:00:00"	21.744	33.513	48.966	53.358	557.38	26.633	0
"2015-04-03	12:00:00"	19.829	31.546	52.265	48.004	731.47	26.663	0
"2015-04-03	13:00:00"	17.505	30.261	55.645	43.328	865.86	26.663	0
"2015-04-03	14:00:00"	16.829	26.613	58.66	38.672	933.42	26.657	0
"2015-04-03	15:00:00"	14.987	30.21	61.53	34.193	917.1	26.642	0
"2015-04-03	16:00:00"	15.055	30.812	63.678	30.89	827.72	26.627	0
"2015-04-03	17:00:00"	14.603	43.508	63.498	30.223	434.13	26.624	0
"2015-04-03	18:00:00"	13.744	49.178	64.648	28.619	455.82	26.621	0
"2015-04-03	19:00:00"	13.542	59.945	63.054	30.027	195.01	26.627	0
"2015-04-03	20:00:00"	13.49	60.775	60.97	31.984	59.244	26.642	0
"2015-04-03	21:00:00"	11.649	61.267	58.711	34.39	1.3989	26.674	0
"2015-04-03	22:00:00"	11.123	73.073	56.863	37.042	0.05617	26.704	0
"2015-04-03	23:00:00"	11.879	80.539	55.047	40.072	0.08967	26.725	0
"2015-04-04	00:00:00"	13.494	79.244	53.325	42.519	0.10027	26.734	0
"2015-04-04	01:00:00"	14.186	72.39	51.257	45.06	0.06953	26.742	0
"2015-04-04	02:00:00"	11.707	70.771	49.934	47.272	0.07674	26.748	0
"2015-04-04	03:00:00"	10.32	70.141	48.814	49.882	0.09624	26.739	0
"2015-04-04	04:00:00"	10.035	68.247	47.597	53.046	0.07843	26.731	0
"2015-04-04	05:00:00"	9.077	71.258	45.919	56.99	0.08352	26.725	0
"2015-04-04	06:00:00"	10.526	78.055	45.084	57.168	0.05978	26.713	0
"2015-04-04	07:00:00"	10.087	80.371	44.409	55.591	0.09264	26.725	0
"2015-04-04	08:00:00"	9.4722	73.928	43.576	54.127	5.0383	26.739	0
"2015-04-04	09:00:00"	10.997	82.701	43.703	52.581	97.759	26.754	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-04	10:00:00"	14.618	94.77	46.817	43.09	343.6	26.772	0
"2015-04-04	11:00:00"	14.198	109.19	49.286	36.494	544.09	26.775	0
"2015-04-04	12:00:00"	12.92	108.2	50.79	33.964	506.51	26.763	0
"2015-04-04	13:00:00"	11.66	117.49	53.176	30.451	713.09	26.731	0
"2015-04-04	14:00:00"	10.731	125.78	55.363	28.884	586.71	26.716	0
"2015-04-04	15:00:00"	10.872	127.75	55.785	29.947	422.13	26.669	0
"2015-04-04	16:00:00"	10.32	131.62	54.881	32.334	243.57	26.627	0
"2015-04-04	17:00:00"	8.7619	134.23	53.833	33.362	165.19	26.609	0
"2015-04-04	18:00:00"	8.6091	146.97	53.332	34.245	98.789	26.589	0
"2015-04-04	19:00:00"	9.7648	131.26	54.146	32.144	124.31	26.568	0
"2015-04-04	20:00:00"	9.0136	127.03	54.267	31.355	38.622	26.565	0
"2015-04-04	21:00:00"	9.5542	146.05	54.167	32.991	0.71056	26.559	0
"2015-04-04	22:00:00"	9.7512	159.62	53.453	36.748	0.07229	26.562	0
"2015-04-04	23:00:00"	5.2127	156.52	50.763	42.778	0.07758	26.547	0
"2015-04-05	00:00:00"	4.9766	154.67	48.919	51.082	0.07229	26.53	0
"2015-04-05	01:00:00"	3.3473	163.74	46.605	56.509	0.0814	26.506	0
"2015-04-05	02:00:00"	3.4238	155.34	45.557	59.59	0.08246	26.5	0
"2015-04-05	03:00:00"	2.8962	138.87	44.881	63.126	0.08416	26.471	0
"2015-04-05	04:00:00"	1.3136	71.561	45.697	63.737	0.09158	26.444	0
"2015-04-05	05:00:00"	2.0673	44.693	45.832	64.845	0.07822	26.418	0
"2015-04-05	06:00:00"	2.9739	64.486	45.622	67.197	0.08182	26.4	0
"2015-04-05	07:00:00"	3.9209	77.948	45.743	70.818	0.09772	26.409	0
"2015-04-05	08:00:00"	4.7	114.97	46.935	75.837	5.4377	26.409	0
"2015-04-05	09:00:00"	3.7239	136.19	47.873	77.9	35.79	26.418	0
"2015-04-05	10:00:00"	5.5209	177.36	49.899	76.461	135.27	26.432	0
"2015-04-05	11:00:00"	7.4651	190.17	54.174	69.382	426.53	26.423	0
"2015-04-05	12:00:00"	6.6338	193.82	61.177	55.523	736.53	26.412	0
"2015-04-05	13:00:00"	8.7756	217.56	66.272	47.202	805.93	26.382	0
"2015-04-05	14:00:00"	10.358	235.71	72.482	37.85	901.25	26.353	0
"2015-04-05	15:00:00"	10.495	243.42	78.84	26.772	889.08	26.326	0
"2015-04-05	16:00:00"	12.165	232.11	82.047	20.113	804.54	26.299	0
"2015-04-05	17:00:00"	12.321	229.27	82.77	19.82	681.38	26.276	0
"2015-04-05	18:00:00"	12.57	234.22	82.499	19.751	437.62	26.27	0
"2015-04-05	19:00:00"	11.029	227.21	80.569	20.354	167.97	26.273	0
"2015-04-05	20:00:00"	6.855	193.29	77.615	24.814	59.293	26.27	0
"2015-04-05	21:00:00"	3.2964	188.28	71.813	30.056	1.7919	26.282	0
"2015-04-05	22:00:00"	6.1609	182.61	68.562	35.931	0.04473	26.302	0
"2015-04-05	23:00:00"	6.3566	177.72	67.351	43.708	0.06932	26.314	0
"2015-04-06	00:00:00"	6.6524	190.35	65.751	57.035	0.06232	26.317	0
"2015-04-06	01:00:00"	7.2498	190.65	63.001	64.678	0.07044	26.326	0
"2015-04-06	02:00:00"	5.9826	217.45	61.626	67.887	0.0619	26.329	0
"2015-04-06	03:00:00"	4.2079	243	58.097	75.173	0.06105	26.32	0
"2015-04-06	04:00:00"	3.5679	246.64	55.178	82.041	0.10387	26.326	0
"2015-04-06	05:00:00"	4.1439	216.57	53.312	86.77	0.07716	26.326	0
"2015-04-06	06:00:00"	3.5667	234.18	53.385	89.05	0.07631	26.323	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-06	07:00:00"	3.1317	240.02	52.269	91.104	0.06126	26.335	0
"2015-04-06	08:00:00"	2.6968	253.14	51.852	92.309	14.331	26.353	0
"2015-04-06	09:00:00"	2.9217	233.32	53.516	92.236	173.83	26.376	0
"2015-04-06	10:00:00"	8.1325	204.87	61.888	79.001	329.97	26.388	0
"2015-04-06	11:00:00"	7.8727	210.1	66.691	65.26	414.28	26.403	0
"2015-04-06	12:00:00"	7.7156	215.66	70.042	52.391	482.11	26.403	0
"2015-04-06	13:00:00"	8.9682	236.52	76.81	33.065	634.45	26.397	0
"2015-04-06	14:00:00"	8.3717	230.12	79.823	22.4	625.57	26.379	0
"2015-04-06	15:00:00"	9.3448	217.52	80.547	19.923	385.29	26.364	0
"2015-04-06	16:00:00"	11.801	207.77	81.433	20.454	594.88	26.341	0
"2015-04-06	17:00:00"	14.436	222.32	83.058	18.637	545.27	26.317	0
"2015-04-06	18:00:00"	16.793	207.22	83.968	18.759	530.66	26.311	0
"2015-04-06	19:00:00"	13.281	222.67	83.943	18.929	316.85	26.305	0
"2015-04-06	20:00:00"	10.274	223.14	82.203	18.737	117.64	26.311	0
"2015-04-06	21:00:00"	4.3328	209.19	73.678	23.059	4.5908	26.32	0
"2015-04-06	22:00:00"	6.0503	179.58	68.897	41.586	0.06741	26.338	0
"2015-04-06	23:00:00"	7.7038	170.63	66.71	66.285	0.07631	26.356	0
"2015-04-07	00:00:00"	9.374	174.53	64.7	81.083	0.07356	26.361	0
"2015-04-07	01:00:00"	6.4262	186.74	62.28	87.845	0.07716	26.367	0
"2015-04-07	02:00:00"	7.055	185.4	60.372	90.995	0.092	26.358	0
"2015-04-07	03:00:00"	5.7669	210.67	59.539	92.05	0.08352	26.364	0
"2015-04-07	04:00:00"	8.8465	212.31	60.123	92.506	0.08691	26.37	0
"2015-04-07	05:00:00"	8.445	205.18	59.791	92.589	0.06974	26.361	0
"2015-04-07	06:00:00"	6.6226	223.65	59.054	92.418	0.08479	26.37	0
"2015-04-07	07:00:00"	5.1853	234.84	58.006	92.452	0.04494	26.382	0
"2015-04-07	08:00:00"	5.1151	225.1	56.767	92.617	4.7536	26.403	0
"2015-04-07	09:00:00"	5.2835	242.07	56.376	92.76	77.922	26.423	0
"2015-04-07	10:00:00"	6.6493	235.03	56.888	92.551	279.93	26.429	0
"2015-04-07	11:00:00"	6.9357	226.78	66.59	63.226	581.34	26.45	0
"2015-04-07	12:00:00"	8.6576	243.1	75.971	34.989	748.51	26.45	0
"2015-04-07	13:00:00"	9.8829	236.34	81.128	19.344	868.72	26.438	0
"2015-04-07	14:00:00"	9.6567	234.62	83.502	15.576	927.88	26.42	0
"2015-04-07	15:00:00"	12.827	233.41	84.942	14.555	919.23	26.403	0
"2015-04-07	16:00:00"	15.636	233.46	86.456	14.234	838.77	26.379	0
"2015-04-07	17:00:00"	20.805	232.19	86.687	13.252	711.74	26.37	0
"2015-04-07	18:00:00"	18.355	239	86.249	13.409	531.61	26.358	0
"2015-04-07	19:00:00"	16.115	243.97	85.609	13.505	325.91	26.361	0
"2015-04-07	20:00:00"	10.558	247.62	82.615	14.995	95.52	26.356	0
"2015-04-07	21:00:00"	3.9059	272.13	76.799	18.058	6.3181	26.364	0
"2015-04-07	22:00:00"	4.4366	22.218	71.852	20.983	0.05978	26.379	0
"2015-04-07	23:00:00"	5.7713	141.91	68.825	27.821	0.05999	26.397	0
"2015-04-08	00:00:00"	6.5592	147.8	66.361	47.93	0.05766	26.397	0
"2015-04-08	01:00:00"	8.3922	167.12	64.961	64.986	0.08734	26.388	0
"2015-04-08	02:00:00"	6.507	183.61	63.311	81.07	0.06593	26.379	0
"2015-04-08	03:00:00"	6.4585	183.46	62.395	88.92	0.08628	26.364	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-08	04:00:00"	7.8746	185.23	62.188	90.953	0.0602	26.35	0
"2015-04-08	05:00:00"	4.1644	226.59	60.666	91.547	0.08924	26.335	0
"2015-04-08	06:00:00"	3.7574	205.11	60.296	92.676	0.0619	26.335	0
"2015-04-08	07:00:00"	6.6543	205.49	60.358	92.878	0.08628	26.344	0
"2015-04-08	08:00:00"	5.089	219.26	59.856	92.847	2.9209	26.367	0
"2015-04-08	09:00:00"	5.8204	208.91	60.053	92.965	24.089	26.37	0
"2015-04-08	10:00:00"	4.5391	198.61	60.097	92.928	83.849	26.367	0
"2015-04-08	11:00:00"	5.0207	188.27	62.572	84.916	240.83	26.358	0
"2015-04-08	12:00:00"	10.282	210.93	71.576	53.651	425.41	26.35	0
"2015-04-08	13:00:00"	13.276	216.54	77.898	34.896	692.19	26.323	0
"2015-04-08	14:00:00"	15.337	211.7	81.735	27.143	595.72	26.294	0
"2015-04-08	15:00:00"	15.832	216.13	84.608	21.846	675.1	26.261	0
"2015-04-08	16:00:00"	15.252	207.96	86.016	19.862	559.39	26.229	0
"2015-04-08	17:00:00"	15.818	228.08	86.785	18.447	560.58	26.205	0
"2015-04-08	18:00:00"	15.451	247	84.964	17.973	172.24	26.199	0
"2015-04-08	19:00:00"	14.617	238.47	72.873	40.239	158.88	26.226	0
"2015-04-08	20:00:00"	12.109	231.22	76.159	31.672	131.62	26.205	0
"2015-04-08	21:00:00"	6.1944	207.3	68.837	46.241	3.4743	26.211	0
"2015-04-08	22:00:00"	3.8916	220.3	63.871	57.829	0.08055	26.229	0
"2015-04-08	23:00:00"	4.513	191.97	61.354	62.148	0.05808	26.237	0
"2015-04-09	00:00:00"	6.4094	180.96	60.817	62.437	0.08352	26.255	0
"2015-04-09	01:00:00"	4.6	207.48	58.758	68.081	0.07165	26.258	0
"2015-04-09	02:00:00"	4.1483	233.53	56.267	82.292	0.05957	26.267	0
"2015-04-09	03:00:00"	4.1943	241.89	54.029	89.902	0.08119	26.267	0
"2015-04-09	04:00:00"	3.1895	255.24	53.213	91.832	0.08373	26.273	0
"2015-04-09	05:00:00"	2.8304	235.39	52.277	92.38	0.07229	26.27	0.01
"2015-04-09	06:00:00"	3.3666	255.98	50.944	92.404	0.07822	26.288	0
"2015-04-09	07:00:00"	4.0805	290.76	49.695	92.504	0.07992	26.302	0
"2015-04-09	08:00:00"	11.636	325.68	54.992	50.425	23.807	26.356	0
"2015-04-09	09:00:00"	12.48	9.6555	54.199	39.524	163.56	26.4	0
"2015-04-09	10:00:00"	15.201	4.1344	60.292	22.456	382.88	26.415	0
"2015-04-09	11:00:00"	15.913	355.75	63.594	18.715	549.27	26.432	0
"2015-04-09	12:00:00"	15.376	351.94	67.548	15.416	760.08	26.441	0
"2015-04-09	13:00:00"	11.704	347.01	70.715	12.9	838.02	26.444	0
"2015-04-09	14:00:00"	8.5078	333.03	73.004	11.5	868.79	26.435	0
"2015-04-09	15:00:00"	6.9991	314.93	74.668	10.396	814.24	26.432	0
"2015-04-09	16:00:00"	6.5008	298.6	75.672	9.9058	610.83	26.423	0
"2015-04-09	17:00:00"	7.0128	297.3	76.807	9.6575	597.86	26.415	0
"2015-04-09	18:00:00"	6.041	263.66	77.379	8.9344	500.72	26.418	0
"2015-04-09	19:00:00"	3.6599	237.85	77.343	8.9508	301.95	26.426	0
"2015-04-09	20:00:00"	5.473	141.52	74.263	12.164	86.793	26.429	0
"2015-04-09	21:00:00"	5.1356	96.571	67.325	17.769	3.0714	26.45	0
"2015-04-09	22:00:00"	5.4283	89.725	63.388	20.162	0.05745	26.462	0
"2015-04-09	23:00:00"	5.4351	90.222	60.129	23.474	0.05511	26.485	0
"2015-04-10	00:00:00"	7.7957	80.314	58.57	32.727	0.0725	26.503	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-10	01:00:00"	8.1095	78.402	56.92	46.654	0.06508	26.515	0
"2015-04-10	02:00:00"	9.4517	76.747	54.742	53.731	0.085	26.521	0
"2015-04-10	03:00:00"	11.068	74.847	53.571	55.133	0.06995	26.536	0
"2015-04-10	04:00:00"	13.532	73.675	51.847	52.551	0.05999	26.53	0
"2015-04-10	05:00:00"	16.112	75.253	50.393	52.589	0.06677	26.524	0
"2015-04-10	06:00:00"	17.382	76.064	49.278	54.333	0.08564	26.547	0
"2015-04-10	07:00:00"	15.563	78.862	47.921	57.514	0.06635	26.553	0
"2015-04-10	08:00:00"	15.053	73.086	46.734	59.464	15.562	26.562	0
"2015-04-10	09:00:00"	16.847	72.919	48.188	56.686	162.02	26.586	0
"2015-04-10	10:00:00"	18.803	76.341	51.34	50.493	375	26.595	0
"2015-04-10	11:00:00"	16.084	76.923	54.464	45.254	583.74	26.607	0
"2015-04-10	12:00:00"	14.077	90.087	57.502	41.764	756.77	26.615	0
"2015-04-10	13:00:00"	12.262	101	60.341	39.395	866.89	26.598	0
"2015-04-10	14:00:00"	10.305	114.99	63.143	36.778	930.99	26.577	0
"2015-04-10	15:00:00"	10.326	128.02	65.991	34.859	884.21	26.547	0
"2015-04-10	16:00:00"	11.118	131.95	68.731	32.981	804.49	26.512	0
"2015-04-10	17:00:00"	12.327	126.11	71.376	31.444	650.6	26.477	0
"2015-04-10	18:00:00"	12.994	129.01	72.149	32.037	452.89	26.453	0
"2015-04-10	19:00:00"	12.152	132.73	70.836	35.336	196.45	26.447	0
"2015-04-10	20:00:00"	10.829	122.78	69.477	38.499	71.028	26.441	0
"2015-04-10	21:00:00"	7.9225	104.33	66.753	43.375	3.5462	26.45	0
"2015-04-10	22:00:00"	7.2607	91.057	63.638	49.285	0.06614	26.471	0
"2015-04-10	23:00:00"	10.584	100.12	63.928	50.862	0.05829	26.48	0
"2015-04-11	00:00:00"	10.65	98.277	61.994	51.737	0.07801	26.471	0
"2015-04-11	01:00:00"	9.8015	100.64	60.535	55.124	0.07059	26.462	0
"2015-04-11	02:00:00"	8.949	86.166	58.991	59.512	0.06487	26.485	0
"2015-04-11	03:00:00"	7.9243	74.265	59.125	64.45	0.06635	26.462	0
"2015-04-11	04:00:00"	7.7895	77.281	56.037	69.753	0.07419	26.45	0
"2015-04-11	05:00:00"	6.4529	79.613	55.495	73.405	0.09242	26.441	0
"2015-04-11	06:00:00"	5.5408	82.801	54.934	75.44	0.07822	26.441	0
"2015-04-11	07:00:00"	4.0513	87.804	54.632	79.179	0.06889	26.447	0
"2015-04-11	08:00:00"	4.6665	63.973	51.772	84.698	4.1122	26.447	0
"2015-04-11	09:00:00"	6.6518	90.517	54.544	83.702	149.14	26.456	0
"2015-04-11	10:00:00"	8.4264	127.18	62.692	71.203	378.92	26.462	0
"2015-04-11	11:00:00"	8.3649	177.52	67.726	56.491	583.78	26.465	0
"2015-04-11	12:00:00"	8.803	207.79	71.719	45.383	752.12	26.462	0
"2015-04-11	13:00:00"	7.8224	218.36	74.899	39.045	864.44	26.438	0
"2015-04-11	14:00:00"	8.3879	230.84	79.112	29.394	917.72	26.415	0
"2015-04-11	15:00:00"	9.9388	221.75	80.835	24.594	862.15	26.388	0
"2015-04-11	16:00:00"	12.643	221.55	82.347	22.663	827.04	26.361	0
"2015-04-11	17:00:00"	12.426	202.57	81.911	26.484	609.19	26.347	0
"2015-04-11	18:00:00"	13.353	179.73	81.026	28.902	460.31	26.326	0
"2015-04-11	19:00:00"	12.693	183.43	80.147	28.827	287.9	26.311	0
"2015-04-11	20:00:00"	13.055	168.42	78.197	30.274	94.572	26.305	0
"2015-04-11	21:00:00"	11.788	159.08	73.287	44.068	5.6156	26.311	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-11	22:00:00"	11.959	160.72	68.918	54.709	0.07292	26.341	0
"2015-04-11	23:00:00"	11.358	167.39	65.751	66.22	0.06381	26.353	0
"2015-04-12	00:00:00"	9.9749	171.69	62.909	75.853	0.06529	26.353	0
"2015-04-12	01:00:00"	9.9537	173.54	61.277	77.178	0.07038	26.356	0
"2015-04-12	02:00:00"	10.012	171.43	60.131	80.99	0.08076	26.341	0
"2015-04-12	03:00:00"	10.359	168.95	59.28	84.712	0.07186	26.335	0
"2015-04-12	04:00:00"	10.477	173.79	58.865	86.195	0.07398	26.326	0
"2015-04-12	05:00:00"	9.0838	181.26	58.032	88.175	0.05914	26.332	0
"2015-04-12	06:00:00"	7.2166	193.41	56.558	89.988	0.06635	26.329	0
"2015-04-12	07:00:00"	3.6537	214.59	54.429	91.429	0.09327	26.329	0
"2015-04-12	08:00:00"	3.6568	217.27	53.9	92.275	9.0138	26.347	0
"2015-04-12	09:00:00"	4.7504	202.78	55.855	91.516	147.51	26.341	0
"2015-04-12	10:00:00"	9.1503	176.88	62.343	78.224	303.76	26.356	0
"2015-04-12	11:00:00"	10.258	192.89	67.139	64.518	337.05	26.358	0
"2015-04-12	12:00:00"	11.042	189.12	67.392	64.169	317.79	26.353	0
"2015-04-12	13:00:00"	7.2421	194.97	71.97	49.217	732.48	26.329	0
"2015-04-12	14:00:00"	8.3618	181.4	75.826	39.501	847.06	26.302	0
"2015-04-12	15:00:00"	9.269	188.41	77.935	33.099	786.92	26.273	0
"2015-04-12	16:00:00"	7.7522	204.08	79.298	31.491	503.38	26.258	0
"2015-04-12	17:00:00"	6.1628	222.92	77.114	33.708	80.681	26.234	0
"2015-04-12	18:00:00"	13.612	239.8	63.652	71.236	17.687	26.267	0.06
"2015-04-12	19:00:00"	3.3883	267.77	62.233	78.244	77.731	26.296	0
"2015-04-12	20:00:00"	2.7869	326.91	63.099	78.676	37.21	26.267	0
"2015-04-12	21:00:00"	2.8838	340.45	61.312	82.799	1.5481	26.279	0
"2015-04-12	22:00:00"	1.6181	333.96	60.485	85.507	0.09348	26.285	0
"2015-04-12	23:00:00"	1.884	129.09	58.107	88.515	0.06741	26.308	0
"2015-04-13	00:00:00"	2.6073	169.04	58.807	88.859	0.06783	26.305	0
"2015-04-13	01:00:00"	3.43	191.06	57.158	90.318	0.06868	26.305	0
"2015-04-13	02:00:00"	2.6402	207.13	55.555	92.436	0.07144	26.308	0
"2015-04-13	03:00:00"	1.9853	219.16	54.66	92.387	0.06974	26.305	0
"2015-04-13	04:00:00"	7.0178	301.54	55.079	88.862	0.0761	26.305	0
"2015-04-13	05:00:00"	7.3185	317.79	54.488	88.039	0.09348	26.305	0.06
"2015-04-13	06:00:00"	5.5551	264.11	53.518	90.367	0.08882	26.32	0.12
"2015-04-13	07:00:00"	2.9192	254.18	53.176	90.503	0.06826	26.326	0
"2015-04-13	08:00:00"	2.5246	335.15	53.552	90.291	5.4487	26.344	0.01
"2015-04-13	09:00:00"	2.9459	321.35	53.655	88.376	36.378	26.364	0
"2015-04-13	10:00:00"	2.1381	77.282	55.071	82.402	103.02	26.373	0
"2015-04-13	11:00:00"	8.4233	51.833	55.386	80.787	136.28	26.418	0
"2015-04-13	12:00:00"	12.693	20.279	53.985	81.72	121.64	26.438	0.01
"2015-04-13	13:00:00"	12.825	36.147	52.813	86.781	137.87	26.45	0.08
"2015-04-13	14:00:00"	20.072	39.07	53.436	85.513	425.92	26.456	0
"2015-04-13	15:00:00"	23.863	32.372	55.409	76.068	675.98	26.456	0
"2015-04-13	16:00:00"	25.341	32.099	58.491	69.249	873.33	26.471	0
"2015-04-13	17:00:00"	24.237	37.861	56.455	75.594	392.89	26.488	0
"2015-04-13	18:00:00"	22.683	41.609	54.284	79.662	141.79	26.515	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-13	19:00:00"	20.352	33.973	51.82	85.57	58.147	26.536	0
"2015-04-13	20:00:00"	17.884	33.337	50.17	86.998	19.276	26.562	0.01
"2015-04-13	21:00:00"	16.391	30.939	49.742	88.866	0.43753	26.583	0.01
"2015-04-13	22:00:00"	19.118	21.387	49.214	86.477	0.07631	26.609	0.01
"2015-04-13	23:00:00"	16.788	30.794	48.747	86.182	0.08585	26.63	0
"2015-04-14	00:00:00"	16.015	34.731	47.551	86.205	0.07165	26.633	0
"2015-04-14	01:00:00"	13.08	39.361	47.312	83.951	0.09306	26.63	0
"2015-04-14	02:00:00"	10.546	50.408	46.965	81.636	0.09179	26.633	0
"2015-04-14	03:00:00"	5.5445	41.272	44.445	83.546	0.09857	26.618	0
"2015-04-14	04:00:00"	6.2311	21.897	43.03	87.189	0.08458	26.621	0
"2015-04-14	05:00:00"	8.4332	11.441	45.477	83.358	0.06953	26.63	0
"2015-04-14	06:00:00"	11.065	20.612	46.026	80.901	0.09221	26.624	0
"2015-04-14	07:00:00"	7.989	20.55	45.186	81.884	0.09899	26.636	0
"2015-04-14	08:00:00"	5.0294	21.072	44.1	82.287	22.54	26.636	0
"2015-04-14	09:00:00"	7.3794	25.002	46.207	76.016	168.82	26.645	0
"2015-04-14	10:00:00"	8.7725	50.376	49.85	68.172	384.32	26.651	0
"2015-04-14	11:00:00"	6.96	41.7	52.022	65.272	512.65	26.645	0
"2015-04-14	12:00:00"	5.112	16.802	54.282	60.029	526.9	26.642	0
"2015-04-14	13:00:00"	5.268	37.482	55.766	55.763	531.43	26.627	0
"2015-04-14	14:00:00"	5.8918	40.778	58.251	49.711	844.23	26.598	0
"2015-04-14	15:00:00"	4.8933	10.449	60.668	45.124	897.07	26.571	0
"2015-04-14	16:00:00"	4.3589	310.59	62.462	40.584	867.78	26.536	0
"2015-04-14	17:00:00"	4.0557	168.01	63.908	37.304	712.47	26.509	0
"2015-04-14	18:00:00"	5.1257	206.75	64.649	38.261	558.32	26.488	0
"2015-04-14	19:00:00"	5.0406	208.74	64.432	39.836	336.7	26.477	0
"2015-04-14	20:00:00"	5.2667	218.24	63.374	40.944	131.58	26.471	0
"2015-04-14	21:00:00"	4.4447	154.13	57.511	53.104	7.8066	26.468	0
"2015-04-14	22:00:00"	4.6336	148.61	52.972	64.587	0.06063	26.474	0
"2015-04-14	23:00:00"	5.5109	161.44	51.42	69.08	0.07059	26.468	0
"2015-04-15	00:00:00"	5.56	175.41	50.108	75.378	0.08204	26.456	0
"2015-04-15	01:00:00"	6.7288	182.15	48.999	78.962	0.06805	26.444	0
"2015-04-15	02:00:00"	4.2315	214.98	46.249	83.495	0.06253	26.438	0
"2015-04-15	03:00:00"	3.4387	228.88	45.066	85.198	0.08331	26.426	0
"2015-04-15	04:00:00"	3.5524	201.43	44.121	86.562	0.07525	26.415	0
"2015-04-15	05:00:00"	3.9544	208.39	42.816	88.092	0.07631	26.397	0
"2015-04-15	06:00:00"	3.8028	222.03	42.048	89.164	0.06932	26.382	0
"2015-04-15	07:00:00"	4.4944	200.47	42.704	88.687	0.06783	26.382	0
"2015-04-15	08:00:00"	3.1354	223.88	42.576	88.485	35.828	26.388	0
"2015-04-15	09:00:00"	6.2305	202.25	47.604	85.492	199.89	26.403	0
"2015-04-15	10:00:00"	10.486	197.62	54.217	72.773	406.96	26.412	0
"2015-04-15	11:00:00"	12.047	205.06	61.598	55.327	610.33	26.418	0
"2015-04-15	12:00:00"	14.439	209.56	67.128	43.353	777.12	26.415	0
"2015-04-15	13:00:00"	13.204	217.51	71.072	34.568	891.14	26.397	0
"2015-04-15	14:00:00"	14.129	206.9	74.088	28.901	941.61	26.37	0
"2015-04-15	15:00:00"	12.985	199.77	77.135	22.757	930.02	26.341	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-15	16:00:00"	11.725	201.62	78.813	20.385	870.88	26.311	0
"2015-04-15	17:00:00"	13.218	198.66	79.454	18.999	685.99	26.291	0
"2015-04-15	18:00:00"	14.138	202.56	79.69	19.704	548.14	26.279	0
"2015-04-15	19:00:00"	12.112	190.93	77.512	21.027	186.09	26.27	0
"2015-04-15	20:00:00"	9.2634	173.67	74.453	23.174	38.336	26.279	0
"2015-04-15	21:00:00"	7.0383	161.25	71.289	26.765	19.127	26.288	0
"2015-04-15	22:00:00"	8.373	162.05	68.202	32.673	0.0884	26.323	0.01
"2015-04-15	23:00:00"	7.5584	139.45	62.975	47.611	0.06487	26.323	0
"2015-04-16	00:00:00"	7.6839	121.03	60.623	57.074	0.0797	26.308	0
"2015-04-16	01:00:00"	10.609	136.06	60.843	62.047	0.08522	26.305	0
"2015-04-16	02:00:00"	10.941	165.28	61.065	73.149	0.07229	26.308	0
"2015-04-16	03:00:00"	10.743	166.67	60.17	81.699	0.06381	26.305	0
"2015-04-16	04:00:00"	12.014	170.68	60.109	83.045	0.06444	26.296	0
"2015-04-16	05:00:00"	7.2974	171.29	57.725	85.219	0.07949	26.294	0
"2015-04-16	06:00:00"	4.0656	193.69	54.914	87.484	0.09094	26.302	0
"2015-04-16	07:00:00"	6.7966	189.97	55.66	83.172	0.07483	26.314	0
"2015-04-16	08:00:00"	6.113	199.11	55.011	81.214	12.627	26.338	0
"2015-04-16	09:00:00"	10.532	195.97	57.064	81.338	120.19	26.356	0
"2015-04-16	10:00:00"	13.245	197.12	60.932	75.957	371.98	26.361	0
"2015-04-16	11:00:00"	11.53	210.74	66.759	57.808	563.35	26.37	0
"2015-04-16	12:00:00"	10.326	234.04	71.155	39.942	762.79	26.37	0
"2015-04-16	13:00:00"	10.555	228.26	74.105	33.325	875.93	26.361	0
"2015-04-16	14:00:00"	10.324	229.8	75.654	29.209	929.89	26.347	0
"2015-04-16	15:00:00"	11.597	213.1	77.545	25.376	821.37	26.335	0
"2015-04-16	16:00:00"	9.4206	203.84	77.886	24.748	747.94	26.305	0
"2015-04-16	17:00:00"	12.416	199.08	79.097	23.469	656.14	26.285	0
"2015-04-16	18:00:00"	10.241	189.1	78.456	24.255	468.72	26.273	0
"2015-04-16	19:00:00"	12.219	211.56	78.706	24.014	333.33	26.282	0
"2015-04-16	20:00:00"	11.892	180.75	75.479	33.221	105.59	26.291	0
"2015-04-16	21:00:00"	9.9599	154.67	68.575	56.953	2.7655	26.302	0
"2015-04-16	22:00:00"	8.1648	151.2	65.489	66.266	0.07716	26.311	0
"2015-04-16	23:00:00"	8.5755	230.75	64.167	65.964	0.06699	26.373	0
"2015-04-17	00:00:00"	5.8347	340.77	62.564	42.381	0.0672	26.367	0
"2015-04-17	01:00:00"	3.2914	15.307	61.982	44.864	0.06847	26.379	0
"2015-04-17	02:00:00"	4.2359	77.403	60.026	53.106	0.07674	26.385	0
"2015-04-17	03:00:00"	6.3436	352.18	59.254	51.616	0.06995	26.388	0
"2015-04-17	04:00:00"	11.112	352.47	57.873	42.085	0.08267	26.391	0
"2015-04-17	05:00:00"	10.868	2.3986	54.193	37.686	0.07568	26.397	0
"2015-04-17	06:00:00"	12.327	355.43	51.705	37.866	0.0814	26.4	0
"2015-04-17	07:00:00"	12.338	355.18	50.962	33.705	0.09179	26.415	0
"2015-04-17	08:00:00"	12.759	353.29	51.229	29.188	27.207	26.438	0
"2015-04-17	09:00:00"	13.101	0.37931	54.71	24.742	198.16	26.456	0
"2015-04-17	10:00:00"	12.82	2.0049	59.073	21.005	418.38	26.465	0
"2015-04-17	11:00:00"	10.021	8.3387	62.358	20.33	619.06	26.471	0
"2015-04-17	12:00:00"	5.4165	23.702	65.913	17.368	793.73	26.471	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-17	13:00:00"	4.9331	268.3	69.067	14.174	903.41	26.45	0
"2015-04-17	14:00:00"	8.1294	239.84	71.013	15.409	962.3	26.423	0
"2015-04-17	15:00:00"	11.715	249.68	72.974	14.709	957.24	26.397	0
"2015-04-17	16:00:00"	11.426	244.03	73.906	14.017	872.68	26.382	0
"2015-04-17	17:00:00"	12.996	244.98	73.982	13.785	739.22	26.364	0
"2015-04-17	18:00:00"	14.5	249.5	73.861	13.808	593.42	26.356	0
"2015-04-17	19:00:00"	11.086	249.9	73.183	14.823	323.53	26.35	0
"2015-04-17	20:00:00"	9.0037	246.78	72.489	13.673	129.12	26.356	0
"2015-04-17	21:00:00"	7.1315	256.46	67.939	13.122	11.351	26.376	0
"2015-04-17	22:00:00"	3.8419	303.22	62.419	16.38	0.0619	26.394	0
"2015-04-17	23:00:00"	4.705	339.36	56.678	22.505	0.07801	26.409	0
"2015-04-18	00:00:00"	5.5756	342.55	55.294	24.231	0.06889	26.415	0
"2015-04-18	01:00:00"	9.9719	325.48	59.533	18.796	0.06614	26.409	0
"2015-04-18	02:00:00"	4.623	303.19	57.058	21.49	0.07568	0.264	0
"2015-04-18	03:00:00"	3.7643	74.025	53.349	25.46	0.07356	26.415	0
"2015-04-18	04:00:00"	3.261	80.236	56.849	19.677	0.07419	26.397	0
"2015-04-18	05:00:00"	4.4571	34.404	50.465	28.155	0.06338	26.382	0
"2015-04-18	06:00:00"	5.7843	339.94	48.512	29.77	0.06317	26.382	0
"2015-04-18	07:00:00"	9.9774	358.63	47.771	38.641	0.09221	2.6382	0
"2015-04-18	08:00:00"	8.3786	7.5967	45.917	39.959	32.673	26.388	0
"2015-04-18	09:00:00"	6.5064	21.648	51.272	33.958	206.89	26.406	0
"2015-04-18	10:00:00"	6.0031	58.479	57.94	27.634	422.15	26.409	0
"2015-04-18	11:00:00"	4.372	175.45	64.554	18.141	635.52	26.418	0
"2015-04-18	12:00:00"	7.6466	238.34	67.516	16.577	805.22	26.409	0
"2015-04-18	13:00:00"	11.394	233.67	70.293	15.129	920.41	26.376	0
"2015-04-18	14:00:00"	14.377	241.04	73.05	11.601	974.39	26.344	0
"2015-04-18	15:00:00"	16.436	241.06	73.91	11.069	963.76	26.32	0
"2015-04-18	16:00:00"	18.235	241.31	75.328	9.9522	881.1	0.01181	0
"2015-04-18	17:00:00"	19.123	249.09	75.654	9.605	746.84	26.27	0
"2015-04-18	18:00:00"	17.19	247.71	75.67	9.9856	564.77	26.261	0
"2015-04-18	19:00:00"	17.094	261.53	74.562	12.077	348.24	26.264	0
"2015-04-18	20:00:00"	14.427	254.65	72.904	14.441	148.94	26.264	0
"2015-04-18	21:00:00"	8.332	248.55	68.609	17.663	10.615	26.267	0
"2015-04-18	22:00:00"	1.8734	229.85	61.447	24.733	0.08861	26.276	0
"2015-04-18	23:00:00"	2.7378	254.17	58.588	29.058	0.07674	26.288	0
"2015-04-19	00:00:00"	3.0031	262.36	55.937	32.443	0.06253	26.279	0
"2015-04-19	01:00:00"	2.7695	241.49	53.553	36.071	0.07801	26.285	0
"2015-04-19	02:00:00"	6.7649	301.67	56.131	33.22	0.07165	26.308	0
"2015-04-19	03:00:00"	6.9755	319.25	55.323	37.942	0.0814	26.294	0
"2015-04-19	04:00:00"	7.3825	323.7	52.441	43.382	0.085	26.294	0
"2015-04-19	05:00:00"	9.5051	334.64	54.343	37.498	0.09221	26.302	0
"2015-04-19	06:00:00"	10.274	344.86	53.775	38.447	0.07038	26.308	0
"2015-04-19	07:00:00"	10.037	337.52	52.241	41.727	0.08776	26.332	0
"2015-04-19	08:00:00"	7.5627	327.85	49.744	47.554	37.212	26.364	0
"2015-04-19	09:00:00"	12.162	6.4092	52.949	43.358	206.28	26.394	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-19	10:00:00"	16.107	11.845	57.393	37.504	424.31	26.406	0
"2015-04-19	11:00:00"	17.429	11.524	61.05	32.916	630.72	26.435	0
"2015-04-19	12:00:00"	16.639	6.9397	64.351	27.126	796.6	26.441	0
"2015-04-19	13:00:00"	16.221	358.46	66.888	23.321	912.18	26.441	0
"2015-04-19	14:00:00"	14.992	346.34	68.614	21.606	965.35	26.432	0
"2015-04-19	15:00:00"	14.244	355.2	70.201	20.67	969.63	26.415	0
"2015-04-19	16:00:00"	13.575	3.58	70.903	21.111	861.18	26.4	0
"2015-04-19	17:00:00"	14.344	3.7846	70.376	22.71	695.16	26.394	0
"2015-04-19	18:00:00"	15.938	19.287	69.096	25.605	518.94	26.403	0
"2015-04-19	19:00:00"	15.817	24.857	66.637	27.685	331.4	26.403	0
"2015-04-19	20:00:00"	15.344	42.69	63.091	31.823	131.66	26.403	0
"2015-04-19	21:00:00"	10.777	52.754	58.596	38.452	8.1453	26.415	0
"2015-04-19	22:00:00"	8.1996	58.963	54.336	45.873	0.08522	26.429	0
"2015-04-19	23:00:00"	7.8933	53.177	51.546	52.076	0.08331	26.441	0
"2015-04-20	01:00:00"	6.87	51.971	49.177	58.839	0.06479	26.444	0
"2015-04-20	02:00:00"	7.4844	63.02	48.126	61.731	0.08776	26.447	0
"2015-04-20	03:00:00"	7.2477	73.453	46.883	65.068	0.08797	26.429	0
"2015-04-20	04:00:00"	7.933	83.924	46.415	66.544	0.07801	26.441	0
"2015-04-20	05:00:00"	4.4229	76.689	44.06	72.33	0.06826	26.465	0
"2015-04-20	06:00:00"	5.1568	58.405	42.112	76.374	0.08479	26.453	0
"2015-04-20	07:00:00"	5.8272	65.826	41.544	79.888	0.07843	26.468	0
"2015-04-20	08:00:00"	2.693	70.279	40.842	81.836	29.062	26.488	0
"2015-04-20	09:00:00"	5.711	87.732	46.067	71.072	194.77	26.512	0
"2015-04-20	10:00:00"	11.704	102.59	51.77	53.746	415.78	26.509	0
"2015-04-20	11:00:00"	11.739	110.91	54.659	46.121	622.21	26.518	0
"2015-04-20	12:00:00"	10.558	127.39	57.253	40.756	791.75	26.503	0
"2015-04-20	13:00:00"	10.407	144.21	60.301	35.682	907.43	26.48	0
"2015-04-20	14:00:00"	9.5492	151.72	63.013	32.172	962.09	26.444	0
"2015-04-20	15:00:00"	9.6959	168.9	66.078	29.266	932.7	26.42	0
"2015-04-20	16:00:00"	10.776	161.73	67.745	28.341	869.8	26.391	0
"2015-04-20	17:00:00"	10.658	166.87	69.176	27.875	737.77	26.361	0
"2015-04-20	18:00:00"	10.035	172.36	69.71	27.432	559.56	26.353	0
"2015-04-20	19:00:00"	10.392	174.03	69.77	27.86	349.53	26.341	0
"2015-04-20	20:00:00"	11.141	172.42	68.248	29.624	143.3	26.338	0
"2015-04-20	21:00:00"	7.7876	166.61	63.454	35.997	10.895	26.353	0
"2015-04-20	22:00:00"	6.2081	150.76	58.917	44.225	0.07652	26.361	0
"2015-04-20	23:00:00"	7.5161	157.7	57.332	49.024	0.08606	26.367	0
"2015-04-21	00:00:00"	8.0219	165.15	55.639	53.92	0.09285	26.364	0
"2015-04-21	01:00:00"	10.18	172.78	55.805	55.04	0.05681	26.367	0
"2015-04-21	02:00:00"	7.4676	182.36	53.554	57.187	0.09603	26.361	0
"2015-04-21	03:00:00"	5.9832	120.51	51.42	60.831	0.07186	26.373	0
"2015-04-21	04:00:00"	4.3142	60.372	49.552	63.639	0.08331	26.367	0
"2015-04-21	05:00:00"	4.7075	73.497	46.63	70.219	0.07589	26.353	0
"2015-04-21	06:00:00"	4.7336	72.819	45.577	71.586	0.08479	26.35	0
"2015-04-21	07:00:00"	4.0066	104.35	46.04	71.27	0.09666	26.361	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-21	08:00:00"	4.5267	126.81	46.168	72.476	34.408	26.379	0
"2015-04-21	09:00:00"	7.0128	150.62	52.327	62.924	208.66	26.388	0
"2015-04-21	10:00:00"	8.5084	184.35	57.346	55.087	415.79	26.397	0
"2015-04-21	11:00:00"	4.7498	228.28	61.641	48.789	618.63	26.418	0
"2015-04-21	12:00:00"	3.4828	287.22	66.792	41.186	780.17	26.418	0
"2015-04-21	13:00:00"	5.6166	28.691	71.532	35.418	893.05	26.4	0
"2015-04-21	14:00:00"	5.6961	46.548	73.872	31.406	945.12	26.376	0
"2015-04-21	15:00:00"	6.4119	58.734	76.753	27.864	931.22	26.361	0
"2015-04-21	16:00:00"	6.041	93.997	79.156	23.506	857.52	26.335	0
"2015-04-21	17:00:00"	5.601	154.94	80.742	20.296	727.48	26.308	0
"2015-04-21	18:00:00"	4.9119	177.95	81.686	16.9	563.92	26.305	0
"2015-04-21	19:00:00"	7.2433	169.19	81.266	16.291	342.93	26.296	0
"2015-04-21	20:00:00"	4.5888	160.35	79.319	16.797	120.22	26.294	0
"2015-04-21	21:00:00"	4.4304	146.06	72.481	21.961	9.9325	26.299	0
"2015-04-21	22:00:00"	5.7278	143	67.236	29.971	0.06105	26.311	0
"2015-04-21	23:00:00"	7.9846	145.97	66.994	31.61	0.05787	26.323	0
"2015-04-22	00:00:00"	8.6718	163.01	64.778	45.774	0.05045	26.326	0
"2015-04-22	01:00:00"	8.3251	163.66	63.34	62.764	0.08161	26.329	0
"2015-04-22	02:00:00"	6.4138	159.61	60.704	71.781	0.06571	26.32	0
"2015-04-22	03:00:00"	4.3937	151.95	57.41	80.744	0.07864	26.311	0
"2015-04-22	04:00:00"	4.7815	181	55.627	88.146	0.085	26.308	0
"2015-04-22	05:00:00"	11.248	176.39	58.046	87.447	0.05299	26.308	0
"2015-04-22	06:00:00"	10.231	175.54	59.029	85.383	0.0672	26.314	0
"2015-04-22	07:00:00"	9.5933	179.39	59.183	85.143	0.07568	26.323	0
"2015-04-22	08:00:00"	8.7116	177.35	59.315	84.608	8.6676	26.344	0
"2015-04-22	09:00:00"	9.4548	182.43	60.209	81.654	67.593	26.35	0
"2015-04-22	10:00:00"	10.312	185.57	61.851	77.287	168.72	26.367	0
"2015-04-22	11:00:00"	8.3376	195.86	65.683	66.409	585.94	26.37	0
"2015-04-22	12:00:00"	6.5536	237.78	69.859	52.207	780.09	26.367	0
"2015-04-22	13:00:00"	8.0915	264.71	74.409	38.849	894.53	26.347	0
"2015-04-22	14:00:00"	7.7609	274.62	78.97	27.014	950.69	26.32	0
"2015-04-22	15:00:00"	8.1456	260.66	81.974	16.316	945.2	26.314	0
"2015-04-22	16:00:00"	10.42	233.51	83.673	13.348	877.9	26.299	0
"2015-04-22	17:00:00"	12.01	244.14	84.068	13.118	746.9	26.285	0
"2015-04-22	18:00:00"	11.387	241.08	83.985	11.895	566.05	26.279	0
"2015-04-22	19:00:00"	13.591	226.93	83.235	11.636	371.72	26.279	0
"2015-04-22	20:00:00"	9.6965	241.2	81.192	11.867	151.96	26.279	0
"2015-04-22	21:00:00"	5.4942	226.6	73.214	15.678	11.886	26.296	0
"2015-04-22	22:00:00"	4.5683	249.4	66.77	18.629	0.05448	26.32	0
"2015-04-22	23:00:00"	2.9708	291.81	65.342	19.486	0.09285	26.326	0
"2015-04-23	00:00:00"	5.0424	295.62	65.561	18.498	0.06741	26.329	0
"2015-04-23	01:00:00"	4.1271	338.33	64.51	17.978	0.07631	26.335	0
"2015-04-23	02:00:00"	2.8055	224.48	59.772	23.834	0.06868	26.341	0
"2015-04-23	03:00:00"	1.8368	357.67	58.027	25.128	0.06805	26.329	0
"2015-04-23	04:00:00"	4.4279	355.33	58.219	24.834	0.05766	26.326	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-23	05:00:00"	2.1332	320.09	59.331	23.165	0.07144	26.323	0
"2015-04-23	06:00:00"	4.6491	56.566	56.81	28.534	0.0797	26.335	0
"2015-04-23	07:00:00"	9.0049	57.219	52.733	53.665	0.07992	26.338	0
"2015-04-23	08:00:00"	8.9241	62.094	53.511	90.975	10.687	26.356	0
"2015-04-23	09:00:00"	7.1166	69.656	55.622	92.329	76.48	26.37	0
"2015-04-23	10:00:00"	6.9016	65.599	58.256	83.52	216.81	26.388	0
"2015-04-23	11:00:00"	4.5938	77.291	63.657	64.533	373.44	26.388	0
"2015-04-23	12:00:00"	2.9006	336.29	67.865	55.994	489.11	26.388	0
"2015-04-23	13:00:00"	3.0808	245.24	70.92	46.186	502.48	26.379	0
"2015-04-23	14:00:00"	4.4527	246.69	72.711	41.047	512.74	26.367	0
"2015-04-23	15:00:00"	5.4376	245.99	74.867	34.295	547.45	26.353	0
"2015-04-23	16:00:00"	6.7524	276.23	78.085	17.862	601.78	26.338	0
"2015-04-23	17:00:00"	9.1758	249.23	78.66	15.152	467.41	26.32	0
"2015-04-23	18:00:00"	9.9233	224.18	77.931	15.473	244.72	26.317	0
"2015-04-23	19:00:00"	11.925	195.61	76.851	16.294	152.2	26.317	0
"2015-04-23	20:00:00"	13.72	193.43	74.87	26.993	85.516	26.32	0
"2015-04-23	21:00:00"	13.025	209.64	71.815	36.864	4.9478	26.338	0
"2015-04-23	22:00:00"	15.516	218.95	69.393	40.756	0.07992	26.353	0
"2015-04-23	23:00:00"	14.207	215.15	68.059	39.268	0.07313	26.361	0
"2015-04-24	00:00:00"	13.71	206.73	67.965	33.973	0.06932	26.353	0
"2015-04-24	01:00:00"	13.299	213.89	67.66	33.609	0.07398	26.344	0
"2015-04-24	02:00:00"	13.584	201.22	66.985	36.323	0.05639	26.326	0
"2015-04-24	03:00:00"	10.883	193.65	64.726	43.948	0.08479	26.305	0
"2015-04-24	04:00:00"	11.061	188.94	62.668	54.521	0.07525	26.291	0
"2015-04-24	05:00:00"	12.186	179.68	60.297	65.684	0.0797	26.294	0
"2015-04-24	06:00:00"	14.7	178.76	58.705	74.255	0.07462	26.299	0
"2015-04-24	07:00:00"	10.924	175.98	58.062	79.385	0.085	26.305	0
"2015-04-24	08:00:00"	9.7226	186.34	58.796	77.214	25.892	26.302	0
"2015-04-24	09:00:00"	11.448	196.37	60.508	74.399	144.63	26.317	0
"2015-04-24	10:00:00"	13.159	208.5	62.45	68.771	218.2	26.326	0
"2015-04-24	11:00:00"	15.67	217.38	65.956	60.347	387.2	26.338	0
"2015-04-24	12:00:00"	13.917	273.03	67.329	41.085	530.92	26.326	0
"2015-04-24	13:00:00"	14.846	273.18	69.341	34.915	829.44	26.302	0
"2015-04-24	14:00:00"	17.464	249.08	73.33	29.263	935.87	26.279	0
"2015-04-24	15:00:00"	19.509	244.46	75.606	22.654	875.14	26.261	0
"2015-04-24	16:00:00"	20.71	248.15	77.11	16.519	885.28	26.252	0
"2015-04-24	17:00:00"	22.492	250.09	77.153	14.775	761.6	26.246	0
"2015-04-24	18:00:00"	21.673	255.37	76.553	13.206	574.9	26.252	0
"2015-04-24	19:00:00"	19.897	255.57	75.207	15.704	351.58	26.258	0
"2015-04-24	20:00:00"	16.936	261.54	73.566	15.632	150.13	26.264	0
"2015-04-24	21:00:00"	10.878	263.94	70.193	17.59	13.54	26.27	0
"2015-04-24	22:00:00"	5.5563	258.08	63.635	22.258	0.06529	26.291	0
"2015-04-24	23:00:00"	4.7846	250.35	59.842	26.32	0.07038	26.317	0
"2015-04-25	00:00:00"	5.1978	244.14	58.825	27.029	0.07334	26.314	0
"2015-04-25	01:00:00"	4.4994	247.59	55.219	31.926	0.07886	26.314	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-25	02:00:00"	7.3098	268.07	57.476	29.7	0.05914	26.32	0
"2015-04-25	03:00:00"	6.4567	286.75	56.216	31.532	0.0761	26.317	0
"2015-04-25	04:00:00"	4.5491	272.44	54.959	33.21	0.06847	26.32	0
"2015-04-25	05:00:00"	6.1522	277.7	54.251	34.813	0.09433	26.317	0
"2015-04-25	06:00:00"	5.0058	295.96	52.359	38.356	0.07568	26.326	0
"2015-04-25	07:00:00"	5.4476	319.7	52.665	38.406	0.092	26.332	0
"2015-04-25	08:00:00"	2.4737	23.983	49.798	42.935	44.543	26.347	0
"2015-04-25	09:00:00"	4.7889	281.27	56.219	35.949	222.7	26.364	0
"2015-04-25	10:00:00"	6.6847	271.71	63.475	28.878	440.47	26.367	0
"2015-04-25	11:00:00"	10.78	268.13	68.19	24.005	644.74	26.367	0
"2015-04-25	12:00:00"	14.124	280.54	71.375	20.854	808.85	26.361	0
"2015-04-25	13:00:00"	16.069	275.53	72.62	20.449	921.55	26.335	0
"2015-04-25	14:00:00"	15.353	253.71	74.763	19.613	972.33	26.305	0
"2015-04-25	15:00:00"	14.515	235.09	76.495	18.303	957.36	26.282	0
"2015-04-25	16:00:00"	15.005	242.87	77.958	15.934	883.62	26.258	0
"2015-04-25	17:00:00"	15.161	250.2	79.199	14.207	753.04	26.232	0
"2015-04-25	18:00:00"	16.333	235.52	79.339	12.994	577.4	26.22	0
"2015-04-25	19:00:00"	15.749	242.13	79.154	11.676	369.52	26.214	0
"2015-04-25	20:00:00"	14.361	239.28	77.486	12.028	158.83	26.214	0
"2015-04-25	21:00:00"	8.0996	232.67	72.115	15.104	15.168	26.229	0
"2015-04-25	22:00:00"	4.3981	246.88	67.26	18.188	0.06889	26.237	0
"2015-04-25	23:00:00"	2.3078	257.24	64.036	21.776	0.06677	26.234	0
"2015-04-26	00:00:00"	2.5532	283.24	61.99	22.941	0.07864	26.223	0
"2015-04-26	01:00:00"	1.4105	212.18	60.724	23.592	0.06317	26.22	0
"2015-04-26	02:00:00"	1.2813	153.18	58.305	24.634	0.07038	26.214	0
"2015-04-26	03:00:00"	1.9244	228.18	57.088	26.112	0.07992	26.211	0
"2015-04-26	04:00:00"	2.7924	267.68	54.236	29.589	0.08437	26.202	0
"2015-04-26	05:00:00"	1.6466	283.05	54.09	29.936	0.07419	26.199	0
"2015-04-26	06:00:00"	3.4772	171.67	53.141	30.726	0.07123	26.199	0
"2015-04-26	07:00:00"	2.6241	167.89	50.841	32.919	0.12464	26.199	0
"2015-04-26	08:00:00"	2.9055	137.32	52.447	32.855	65.141	26.205	0
"2015-04-26	09:00:00"	3.7748	228.46	59.281	28.849	231.68	26.211	0
"2015-04-26	10:00:00"	5.8987	250.28	63.489	24.424	282.99	26.208	0
"2015-04-26	11:00:00"	5.6893	264.57	67.398	24.126	345.39	26.19	0
"2015-04-26	12:00:00"	7.3844	243.66	72.568	19.558	549.18	26.178	0
"2015-04-26	13:00:00"	9.292	240.34	74.775	15.813	650.84	26.149	0
"2015-04-26	14:00:00"	14.144	242.53	76.276	13.498	762.61	26.128	0
"2015-04-26	15:00:00"	12.675	244.7	77.118	13.337	603.1	26.119	0
"2015-04-26	16:00:00"	13.197	251.09	74.38	14.571	255.45	26.128	0
"2015-04-26	17:00:00"	18.716	296.12	71.623	18.696	336.76	26.125	0
"2015-04-26	18:00:00"	15.454	297.45	68.789	21.139	150.67	26.125	0
"2015-04-26	19:00:00"	17.179	268.16	67.4	19.384	64.47	26.131	0
"2015-04-26	20:00:00"	11.267	283.13	65.64	21.019	36.898	26.155	0
"2015-04-26	21:00:00"	11.264	291.21	63.994	25.65	16.959	26.181	0
"2015-04-26	22:00:00"	8.6054	261.89	59.86	32.776	0.06381	26.19	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-26	23:00:00"	2.7788	201.85	53.263	41.76	0.07356	26.217	0
"2015-04-27	00:00:00"	6.8115	296.7	53.652	44.549	0.08606	26.217	0
"2015-04-27	01:00:00"	6.054	333.16	52.528	52.452	0.06004	26.223	0
"2015-04-27	02:00:00"	3.6717	63.97	49.122	58.475	0.07631	0	0
"2015-04-27	03:00:00"	2.0686	154.93	46.975	62.643	0.06487	26.232	0
"2015-04-27	04:00:00"	4.0582	27.364	44.079	67.358	0.08564	26.223	0
"2015-04-27	05:00:00"	2.4501	322.54	42.884	71.305	0.09158	26.229	0
"2015-04-27	06:00:00"	2.7042	326.93	42.948	72.52	0.05321	26.223	0
"2015-04-27	07:00:00"	3.0236	299.45	42.62	75.557	0.12973	26.243	0
"2015-04-27	08:00:00"	6.6785	12.037	43.126	81.493	45.116	0	0
"2015-04-27	09:00:00"	9.4368	26.084	51.025	77.351	224.89	26.285	0
"2015-04-27	10:00:00"	8.9247	16.005	56.973	60.443	454.26	26.296	0
"2015-04-27	11:00:00"	9.6542	0.82717	57.281	59.356	450.44	26.32	0
"2015-04-27	12:00:00"	9.4697	355.43	57.941	59.673	441.55	26.332	0.07
"2015-04-27	13:00:00"	10.076	355.28	56.613	68.924	549.32	26.329	0
"2015-04-27	14:00:00"	14.241	350.86	60.018	50.358	527.38	26.332	0
"2015-04-27	15:00:00"	20.131	350.63	59.195	47.962	675.37	26.353	0
"2015-04-27	16:00:00"	19.906	353.21	56.733	50.181	516.03	26.367	0
"2015-04-27	17:00:00"	19.855	349.18	55.505	49.785	426.3	26.385	0
"2015-04-27	18:00:00"	21.779	347.76	51.702	54.374	317.45	26.415	0
"2015-04-27	19:00:00"	21.723	348.81	48.217	57.856	186.33	26.435	0
"2015-04-27	20:00:00"	21.153	352.57	45.9	61.431	66.855	26.465	0
"2015-04-27	21:00:00"	20.526	358.78	43.276	67.525	7.7498	26.491	0
"2015-04-27	22:00:00"	19.153	358.89	42.427	69.503	0.08712	26.521	0
"2015-04-27	23:00:00"	18.078	354.96	42.283	71.981	0.06359	26.542	0
"2015-04-28	00:00:00"	16.569	355.51	43.133	71.044	0.09475	26.556	0
"2015-04-28	01:00:00"	16.593	2.4504	43.421	70.306	0.05999	26.571	0
"2015-04-28	02:00:00"	14.303	358.75	43.513	70.993	0.09348	26.568	0
"2015-04-28	03:00:00"	15.554	357.67	43.62	71.06	0.06508	26.556	0
"2015-04-28	04:00:00"	15.417	357.64	42.643	77.936	0.07377	26.562	0
"2015-04-28	05:00:00"	15.609	4.0364	43.127	74.04	0.08776	26.568	0
"2015-04-28	06:00:00"	14.265	2.9405	43.636	72.179	0.07207	26.583	0
"2015-04-28	07:00:00"	11.891	7.0088	43.636	72.071	0.08479	26.609	0
"2015-04-28	08:00:00"	10.532	359.34	44.351	70.367	7.0839	26.63	0
"2015-04-28	09:00:00"	13.404	2.445	44.971	69.054	36.837	26.642	0
"2015-04-28	10:00:00"	14.496	358.86	47.433	63.395	342.17	26.648	0
"2015-04-28	11:00:00"	16.166	8.3365	51.22	53.106	513.12	26.642	0
"2015-04-28	12:00:00"	17.564	21.263	54.269	45.768	645.41	26.642	0
"2015-04-28	13:00:00"	17.518	27.501	57.474	39.589	970.43	26.633	0
"2015-04-28	14:00:00"	16.345	30.595	59.208	34.865	898.17	26.624	0
"2015-04-28	15:00:00"	15.347	24.481	60.066	34.624	780.97	26.615	0
"2015-04-28	16:00:00"	14.925	27.419	60.106	35.14	646.75	26.607	0
"2015-04-28	17:00:00"	14.049	28.723	61.329	32.988	643.89	26.586	0
"2015-04-28	18:00:00"	13.1	22.179	62.267	30.444	579.81	26.58	0
"2015-04-28	19:00:00"	13.493	56.115	61.3	33.059	356.25	26.586	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-28	20:00:00"	10.812	62.315	58.622	37.726	119.23	26.595	0
"2015-04-28	21:00:00"	5.4413	77.644	54.373	45.502	15.96	26.601	0
"2015-04-28	22:00:00"	4.1887	77.767	50.449	52.491	0.09136	26.615	0
"2015-04-28	23:00:00"	3.5207	54.949	49.976	54.392	0.07271	26.63	0
"2015-04-29	00:00:00"	4.5621	65.5	46.181	60.164	0.06656	26.639	0
"2015-04-29	01:00:00"	2.8788	120.16	44.526	65.88	0.06805	26.636	0
"2015-04-29	02:00:00"	1.623	273.04	43.718	69.402	0.07843	26.627	0
"2015-04-29	03:00:00"	3.3995	288	43.78	68.573	0.07017	26.612	0
"2015-04-29	04:00:00"	4.0644	305.43	42.88	68.664	0.09073	26.609	0
"2015-04-29	05:00:00"	5.1835	308.24	43.17	68.887	0.08119	26.604	0
"2015-04-29	06:00:00"	5.739	311.1	42.778	68.99	0.09815	26.601	0
"2015-04-29	07:00:00"	5.1002	305.73	42.455	69.757	0.26964	26.601	0
"2015-04-29	08:00:00"	7.0687	314.23	44.492	66.044	53.17	26.607	0
"2015-04-29	09:00:00"	7.6453	307.55	49.913	56.04	235.64	26.615	0
"2015-04-29	10:00:00"	7.8423	298.32	55.334	46.471	455.28	26.615	0
"2015-04-29	11:00:00"	4.9716	319.65	59.491	35.875	661.27	26.609	0
"2015-04-29	12:00:00"	3.6636	291.38	62.227	29.855	825.16	26.601	0
"2015-04-29	13:00:00"	4.5217	327.41	64.629	25.809	938.09	26.574	0
"2015-04-29	14:00:00"	4.5416	275.63	66.846	24.137	986.47	26.545	0
"2015-04-29	15:00:00"	5.8502	279.53	69.576	19.778	976.43	26.521	0
"2015-04-29	16:00:00"	5.8415	314.75	71.035	17.398	901.37	26.5	0
"2015-04-29	17:00:00"	5.6843	262.83	72.454	16.123	768.41	26.474	0
"2015-04-29	18:00:00"	6.343	239.6	73.136	14.677	591.84	26.468	0
"2015-04-29	19:00:00"	5.2083	243.99	72.804	14.688	381.38	26.459	0
"2015-04-29	20:00:00"	4.6876	191.12	71.551	15.883	167.14	26.456	0
"2015-04-29	21:00:00"	4.5975	158.67	64.492	21.664	18.52	26.459	0
"2015-04-29	22:00:00"	4.8026	155.75	57.825	26.638	0.06699	26.468	0
"2015-04-29	23:00:00"	5.2935	163.59	55.119	28.383	0.05872	26.471	0
"2015-04-30	00:00:00"	4.5136	173.65	53.034	32.706	0.08352	26.471	0
"2015-04-30	01:00:00"	3.2908	175.66	51.847	33.646	0.08882	26.465	0
"2015-04-30	02:00:00"	2.4519	233.78	50.849	35.182	0.07674	26.462	0
"2015-04-30	03:00:00"	1.3248	221.97	50.035	36.456	0.0956	26.444	0
"2015-04-30	04:00:00"	1.3328	243.59	49.863	37.167	0.07716	26.435	0
"2015-04-30	05:00:00"	1.7535	235.4	49.297	37.492	0.05872	26.429	0
"2015-04-30	06:00:00"	1.9014	200.74	47.468	38.458	0.07695	26.426	0
"2015-04-30	07:00:00"	1.5255	214.92	46.156	40.278	0.27345	26.435	0
"2015-04-30	08:00:00"	1.8331	242.81	46.24	40.963	58.641	26.45	0
"2015-04-30	09:00:00"	4.4478	235.16	53.22	35.258	242.75	26.462	0
"2015-04-30	10:00:00"	11.252	201.81	63.472	27.339	461.52	26.471	0
"2015-04-30	11:00:00"	13.177	198.5	68.194	22.193	661	26.471	0
"2015-04-30	12:00:00"	12.249	191.75	71.566	19.766	822.78	26.474	0
"2015-04-30	13:00:00"	11.741	181.88	74.187	18.253	931.95	26.468	0
"2015-04-30	14:00:00"	10.366	176.55	75.734	17.256	980.11	26.45	0
"2015-04-30	15:00:00"	9.5567	167.4	77.495	15.969	964.24	26.432	0
"2015-04-30	16:00:00"	9.4753	165.19	78.106	15.45	888.88	26.418	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-04-30"	17:00:00"	7.7274	171.11	78.834	14.524	758.32	26.4	0
"2015-04-30"	18:00:00"	7.5584	182.38	79.1	14.173	581.48	26.4	0
"2015-04-30"	19:00:00"	6.5387	162.18	78.555	14.249	373.52	26.4	0
"2015-04-30"	20:00:00"	6.4231	161.41	77.056	14.878	164.22	26.4	0
"2015-04-30"	21:00:00"	5.153	139.92	70.36	19.342	16.283	26.4	0
"2015-04-30"	22:00:00"	5.8092	131.52	65.737	22.415	0.05172	26.412	0
"2015-04-30"	23:00:00"	7.065	132.67	64.121	22.543	0.06826	26.42	0
"2015-05-01"	00:00:00"	6.7257	141.94	62.653	22.673	0.0619	26.432	0
"2015-05-01"	01:00:00"	6.2504	152.93	59.617	24.635	0.07674	0.00236	0
"2015-05-01"	02:00:00"	8.0455	167.95	57.846	28.771	0.0619	26.426	0
"2015-05-01"	03:00:00"	7.8933	180.04	57.212	33.176	0.07716	26.423	0
"2015-05-01"	04:00:00"	5.8322	175.85	54.024	39.25	0.05978	26.423	0
"2015-05-01"	05:00:00"	5.6992	175.89	52.618	43.72	0.0956	26.432	0
"2015-05-01"	06:00:00"	2.5998	202.5	51.438	46.634	0.06995	26.441	0
"2015-05-01"	07:00:00"	5.5575	163.15	51.309	46.795	0.29338	26.441	0
"2015-05-01"	08:00:00"	6.7021	162.74	52.661	46.643	53.789	26.462	0
"2015-05-01"	09:00:00"	9.0844	175.89	58.458	41.595	237.68	26.48	0
"2015-05-01"	10:00:00"	12.055	176.74	65.307	33.717	449.91	26.491	0
"2015-05-01"	11:00:00"	11.217	173.3	70.693	28.059	649.93	26.506	0
"2015-05-01"	12:00:00"	11.558	162.47	75.75	22.756	810.76	26.518	0
"2015-05-01"	13:00:00"	13.432	164.79	79.868	17.142	919.73	26.512	0
"2015-05-01"	14:00:00"	14.165	152.8	81.485	15.128	970.2	26.503	0
"2015-05-01"	15:00:00"	11.81	165.7	82.157	14.92	956.07	26.488	0
"2015-05-01"	16:00:00"	11.619	162.48	82.502	15.047	880.21	26.474	0
"2015-05-01"	17:00:00"	10.502	147.04	83.002	14.888	748.65	26.456	0
"2015-05-01"	18:00:00"	11.488	152.49	82.669	14.864	574.42	26.447	0
"2015-05-01"	19:00:00"	10.906	145.86	81.637	15.85	368.66	26.444	0
"2015-05-01"	20:00:00"	10.332	142.94	79.586	17.679	163.34	26.444	0
"2015-05-01"	21:00:00"	6.7841	137.02	73.874	22.564	18.423	26.462	0
"2015-05-01"	22:00:00"	5.8688	126.54	67.839	27.098	0.07949	26.477	0
"2015-05-01"	23:00:00"	7.4664	137.56	66.128	27.496	0.05554	26.491	0
"2015-05-02"	00:00:00"	7.5739	147.09	64.455	28.041	0.06656	26.491	0
"2015-05-02"	01:00:00"	5.9285	163.11	59.481	33.347	0.04388	26.497	0
"2015-05-02"	02:00:00"	6.5996	168.42	58.644	35.613	0.07186	26.494	0
"2015-05-02"	03:00:00"	6.0273	170.45	58.168	38.469	0.08394	26.48	0
"2015-05-02"	04:00:00"	4.8231	170.79	55.199	43.911	0.07525	26.471	0
"2015-05-02"	05:00:00"	5.3773	172.06	54.801	47.238	0.07398	26.465	0
"2015-05-02"	06:00:00"	5.5364	175.77	54.587	49.613	0.0814	26.465	0
"2015-05-02"	07:00:00"	5.2121	174.79	53.437	52.816	0.19884	26.474	0
"2015-05-02"	08:00:00"	7.1526	173.18	55.871	52.311	55.213	26.494	0
"2015-05-02"	09:00:00"	11.123	172.15	59.562	49.473	169.24	26.497	0
"2015-05-02"	10:00:00"	15.776	173.59	64.891	45.603	428.28	26.506	0
"2015-05-02"	11:00:00"	13.972	169.71	68.609	40.543	617.12	26.506	0
"2015-05-02"	12:00:00"	14.398	175.81	72.265	35.56	811.07	26.506	0
"2015-05-02"	13:00:00"	14.183	171.65	75.66	30.779	915.74	26.485	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-02	14:00:00"	14.79	166.94	78.302	27.513	965.96	26.456	0
"2015-05-02	15:00:00"	14.418	176.66	81.23	22.991	953.83	26.429	0
"2015-05-02	16:00:00"	13.307	174.22	83.18	20.683	873.76	26.4	0
"2015-05-02	17:00:00"	12.777	177.31	84.612	19.454	740.53	26.373	0
"2015-05-02	18:00:00"	12.108	180.14	84.845	18.431	577.19	26.358	0
"2015-05-02	19:00:00"	12.252	173.61	84.128	18.464	371.2	26.356	0
"2015-05-02	20:00:00"	11.684	165.26	81.864	20.64	165.26	26.356	0
"2015-05-02	21:00:00"	7.3651	153.79	75.726	26.725	20.08	26.364	0
"2015-05-02	22:00:00"	7.1178	139.61	70.015	33.636	0.05787	26.376	0
"2015-05-02	23:00:00"	7.8585	149.13	68.089	37.757	0.05639	26.397	0
"2015-05-03	00:00:00"	6.8214	158.94	64.337	44.841	0.07589	26.403	0
"2015-05-03	01:00:00"	10.901	173.7	64.762	44.346	0.08882	26.397	0
"2015-05-03	02:00:00"	9.9357	175.36	62.944	46.787	0.06465	26.394	0
"2015-05-03	03:00:00"	9.5343	174.14	61.077	50.373	0.06423	26.379	0
"2015-05-03	04:00:00"	7.9237	186.33	59.478	52.934	0.07716	26.385	0
"2015-05-03	05:00:00"	6.0664	198.6	57.558	56.68	0.06147	26.382	0
"2015-05-03	06:00:00"	5.186	155.31	56.542	58.955	0.09136	26.361	0
"2015-05-03	07:00:00"	5.1083	117.87	55.789	61.247	0.25861	26.376	0
"2015-05-03	08:00:00"	4.4335	50.59	53.081	66.65	21.458	26.412	0
"2015-05-03	09:00:00"	4.605	24.713	56.077	63.473	160.98	26.418	0
"2015-05-03	10:00:00"	5.9204	173.27	62.848	53.562	412.46	26.412	0
"2015-05-03	11:00:00"	7.9716	180.84	68.176	46.48	657.5	26.418	0
"2015-05-03	12:00:00"	7.8255	176.5	72.658	41.286	796.93	26.42	0
"2015-05-03	13:00:00"	6.6667	164.02	76.664	35.337	915.92	26.406	0
"2015-05-03	14:00:00"	8.7166	173.18	81.319	29.199	959.46	26.388	0
"2015-05-03	15:00:00"	8.9285	170.93	84.595	23.937	963.04	26.367	0
"2015-05-03	16:00:00"	9.1801	172.4	86.108	21.68	889.73	26.347	0
"2015-05-03	17:00:00"	10.171	177.48	86.547	19.484	660.89	26.326	0
"2015-05-03	18:00:00"	12.328	190.47	83.09	26.715	148.56	26.323	0
"2015-05-03	19:00:00"	9.1118	180.14	81.82	26.811	92.923	26.338	0
"2015-05-03	20:00:00"	9.177	226.41	75.677	37.377	8.9642	26.382	0.06
"2015-05-03	21:00:00"	14.871	199.91	64.311	63.754	2.4183	26.4	0.15
"2015-05-03	22:00:00"	10.899	146.34	63.947	60.424	0.06423	26.382	0.01
"2015-05-03	23:00:00"	9.5467	138.71	64.279	61.949	0.07843	26.379	0
"2015-05-04	00:00:00"	9.7692	158.08	63.949	72.277	0.07525	26.373	0
"2015-05-04	01:00:00"	8.5662	175.59	62.915	75.242	0.06041	26.373	0
"2015-05-04	02:00:00"	5.2002	180.68	61.866	77.583	0.0814	26.379	0
"2015-05-04	03:00:00"	4.8504	86.503	59.255	82.559	0.07123	26.388	0
"2015-05-04	04:00:00"	5.3792	51.669	57.415	86.06	0.0867	26.367	0
"2015-05-04	05:00:00"	5.2313	46.738	56.159	87.019	0.07186	26.361	0
"2015-05-04	06:00:00"	6.7462	70.689	56.813	86.181	0.07801	26.35	0
"2015-05-04	07:00:00"	5.0002	104.56	58.071	84.998	0.28426	26.4	0
"2015-05-04	08:00:00"	4.4012	91.195	57.874	86.743	37.772	0	0
"2015-05-04	09:00:00"	6.6114	95.7	60.472	83.845	93.049	26.45	0
"2015-05-04	10:00:00"	6.1466	173.49	65.156	76.544	247.46	26.462	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-04	11:00:00"	7.3713	143.66	67.714	71.753	335.73	26.453	0
"2015-05-04	12:00:00"	11.863	141.97	71.055	63.73	639	26.447	0
"2015-05-04	13:00:00"	12.477	143.46	73.603	56.943	638.46	26.438	0
"2015-05-04	14:00:00"	12.805	143.87	75.231	50.917	501.48	26.412	0
"2015-05-04	15:00:00"	16.258	152.33	75.285	48.481	365.48	26.385	0
"2015-05-04	16:00:00"	17.276	151.48	76.373	45.741	530.16	26.356	0
"2015-05-04	17:00:00"	18.182	154.44	77.919	42.634	637.17	26.32	0
"2015-05-04	18:00:00"	18.666	165.64	76.479	45.589	272.78	26.323	0
"2015-05-04	19:00:00"	16.899	157.7	73.398	52.868	100.47	26.299	0
"2015-05-04	20:00:00"	15.688	152.13	71.448	57.715	25.271	26.317	0
"2015-05-04	21:00:00"	12.654	171.38	69.139	66.881	1.2284	26.358	0.02
"2015-05-04	22:00:00"	6.3722	196.83	64.922	82.09	0.06232	26.326	0.08
"2015-05-04	23:00:00"	2.7974	276.43	64.948	83.814	0.05321	26.382	0
"2015-05-05	00:00:00"	6.5679	98.644	62.425	86.776	0.06911	26.332	0
"2015-05-05	01:00:00"	5.7284	49.905	60.811	89.612	0.08182	26.353	0
"2015-05-05	02:00:00"	7.3241	57.528	60.965	89.211	0.05935	26.311	0
"2015-05-05	03:00:00"	7.0992	82.733	60.174	91.063	0.08204	26.294	0.03
"2015-05-05	04:00:00"	12.542	133.21	61.801	90.566	0.09878	26.276	0.06
"2015-05-05	05:00:00"	12.234	159.56	61.882	90.025	0.07101	26.294	0
"2015-05-05	06:00:00"	11.764	338.5	57.331	85.622	0.06974	26.308	0.04
"2015-05-05	07:00:00"	6.8077	49.293	54.012	91.244	0.08924	26.323	0.42
"2015-05-05	08:00:00"	4.8529	62.536	53.88	91.916	4.8242	26.329	0.04
"2015-05-05	09:00:00"	5.0928	62.033	54.68	90.795	116.7	26.344	0
"2015-05-05	10:00:00"	5.8558	44.105	58.376	84.064	440.96	26.37	0
"2015-05-05	11:00:00"	4.7442	16.253	61.488	75.113	630.51	26.364	0
"2015-05-05	12:00:00"	3.2392	352.72	65.797	60.236	794.05	26.364	0
"2015-05-05	13:00:00"	7.8218	233.62	69.06	54.854	881.17	26.364	0
"2015-05-05	14:00:00"	10.289	232.76	71.069	54.078	858.43	26.344	0
"2015-05-05	15:00:00"	12.304	226.1	73.722	47.099	967.03	26.323	0
"2015-05-05	16:00:00"	12.616	221.25	75.395	38.228	820.52	26.302	0
"2015-05-05	17:00:00"	14.415	221.12	77.659	25.804	777.02	26.291	0
"2015-05-05	18:00:00"	16.22	233.56	78.214	21.511	597.68	26.291	0
"2015-05-05	19:00:00"	15.329	238.98	76.88	21.566	331.36	26.291	0
"2015-05-05	20:00:00"	11.656	241.56	75.719	23.884	165.06	26.296	0
"2015-05-05	21:00:00"	5.1157	239.58	70.911	31.811	20.939	26.305	0
"2015-05-05	22:00:00"	1.7063	194.91	65.637	42.119	0.06762	26.32	0
"2015-05-05	23:00:00"	2.2891	255.65	64.268	43.361	0.05935	26.338	0
"2015-05-06	00:00:00"	0.95443	337.44	64.051	40.142	0.06911	26.347	0
"2015-05-06	01:00:00"	8.3692	165.13	61.292	61.728	0.06508	26.35	0
"2015-05-06	02:00:00"	8.5886	168.65	60.622	81.901	0.05957	26.347	0
"2015-05-06	03:00:00"	7.4465	177.28	60.732	90.011	0.05935	26.338	0
"2015-05-06	04:00:00"	11.408	188.25	61.598	91.015	0.06338	26.329	0
"2015-05-06	05:00:00"	11.221	185.44	61.559	91.523	0.06444	26.329	0
"2015-05-06	06:00:00"	11.037	182.18	61.094	92.488	0.06571	26.332	0
"2015-05-06	07:00:00"	10.037	193.53	61.116	92.876	0.13418	26.347	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-06	08:00:00"	11.375	196.77	61.163	92.484	18.168	26.356	0
"2015-05-06	09:00:00"	12.206	190.4	63.032	87.2	172.71	26.361	0
"2015-05-06	10:00:00"	13.548	187.65	66.274	77.156	443.75	26.364	0
"2015-05-06	11:00:00"	12.193	196.77	70.591	59.083	642.11	26.37	0
"2015-05-06	12:00:00"	11.477	226.53	74.623	38.332	800.74	26.37	0
"2015-05-06	13:00:00"	11.712	237.44	77.369	28.322	903.58	26.358	0
"2015-05-06	14:00:00"	10.471	231.66	78.703	23.971	950.75	26.338	0
"2015-05-06	15:00:00"	10.469	211.63	79.802	23.657	934.25	26.32	0
"2015-05-06	16:00:00"	12.171	199.78	81.14	22.411	862.92	26.296	0
"2015-05-06	17:00:00"	12.23	210.36	81.919	21.1	711.15	26.273	0
"2015-05-06	18:00:00"	11.878	198.42	82.595	20.29	569.71	26.261	0
"2015-05-06	19:00:00"	10.292	194.25	82.312	20.154	366.96	26.246	0
"2015-05-06	20:00:00"	7.8777	175.13	80.83	21.706	165.9	26.24	0
"2015-05-06	21:00:00"	4.0178	123.08	75.249	31.113	21.536	26.24	0
"2015-05-06	22:00:00"	8.7626	144.41	71.248	52.533	0.07017	26.27	0
"2015-05-06	23:00:00"	10.097	160.98	68.624	62.349	0.04112	26.285	0
"2015-05-07	00:00:00"	11.32	173.89	67.799	66.739	0.08373	26.282	0
"2015-05-07	01:00:00"	12.669	167.36	67.133	74.166	0.08182	26.279	0
"2015-05-07	02:00:00"	11.654	169.98	66.222	79.171	0.07059	26.279	0
"2015-05-07	03:00:00"	9.5056	180.13	65.625	83.904	0.06169	0	0
"2015-05-07	04:00:00"	6.1864	200.97	65.412	84.892	0.06656	26.276	0
"2015-05-07	05:00:00"	7.2613	182.64	66.044	83.596	0.07059	26.273	0
"2015-05-07	06:00:00"	6.3044	177.47	66.234	83.075	0.05405	26.273	0
"2015-05-07	07:00:00"	5.5544	138.28	66.049	84.058	0.15093	26.282	0
"2015-05-07	08:00:00"	5.1102	151.75	66.253	84.679	19.312	26.302	0
"2015-05-07	09:00:00"	6.0627	157.83	67.155	82.641	102.09	26.317	0
"2015-05-07	10:00:00"	7.4776	164.32	68.513	78.454	248.72	26.317	0
"2015-05-07	11:00:00"	7.3956	200.16	71.325	69.2	541.95	26.32	0
"2015-05-07	12:00:00"	6.128	227.54	74.141	58.251	663.01	26.32	0
"2015-05-07	13:00:00"	7.2365	250.77	76.889	46.123	881.77	26.311	0
"2015-05-07	14:00:00"	9.2211	270.6	80.32	30.354	938.74	26.302	0
"2015-05-07	15:00:00"	10.674	245.54	82.711	20.735	934.7	26.294	0
"2015-05-07	16:00:00"	11.95	236.14	83.789	18.662	853.3	26.282	0
"2015-05-07	17:00:00"	15.445	223.81	84.01	14.543	742.74	26.276	0
"2015-05-07	18:00:00"	14.298	234.46	83.994	13.338	573.7	26.276	0
"2015-05-07	19:00:00"	13.08	239.42	83.329	12.509	372.47	26.279	0
"2015-05-07	20:00:00"	8.6246	248.21	81.712	13.792	168.13	26.285	0
"2015-05-07	21:00:00"	3.2423	304.15	77.31	18.502	21.177	26.288	0
"2015-05-07	22:00:00"	5.5898	65.721	70.571	25.259	0.08564	26.299	0
"2015-05-07	23:00:00"	5.7514	36.839	68.192	26.831	0.05193	26.302	0
"2015-05-08	00:00:00"	9.4796	71.447	61.409	68.816	0.0566	26.311	0
"2015-05-08	01:00:00"	11.284	87.614	58.73	86.901	0.07038	26.311	0
"2015-05-08	02:00:00"	9.5281	87.104	57.707	88.421	0.06232	26.32	0
"2015-05-08	03:00:00"	10.433	80.951	57.233	88.837	0.06253	26.317	0
"2015-05-08	04:00:00"	9.6648	72.035	57.684	87.143	0.06359	26.311	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-08	05:00:00"	9.0291	62.353	59.003	83.889	0.07313	26.317	0
"2015-05-08	06:00:00"	8.9664	68.992	60.564	81.999	0.08246	26.323	0
"2015-05-08	07:00:00"	8.2412	65.343	61.776	82.965	0.30843	26.332	0
"2015-05-08	08:00:00"	6.5014	51.958	62.773	84.752	47.203	26.347	0
"2015-05-08	09:00:00"	6.1291	86.415	66.324	83.091	102.3	26.347	0
"2015-05-08	10:00:00"	3.3989	125.02	68.521	80.872	154.53	26.347	0
"2015-05-08	11:00:00"	6.4343	212.2	72.186	72.88	414.75	26.35	0
"2015-05-08	12:00:00"	7.0178	244.06	76.051	59.925	622.25	26.347	0
"2015-05-08	13:00:00"	6.7841	259.54	78.92	47.39	827.12	26.341	0
"2015-05-08	14:00:00"	6.6232	291.16	81.892	30.142	945.45	0	0
"2015-05-08	15:00:00"	8.8036	245.15	83.98	23.965	934.61	26.311	0
"2015-05-08	16:00:00"	9.3771	215.21	84.921	21.704	858.76	26.294	0
"2015-05-08	17:00:00"	11.84	223.53	85.985	17.42	737.25	26.279	0
"2015-05-08	18:00:00"	11.334	224.79	86.031	15.871	560.63	26.261	0
"2015-05-08	19:00:00"	7.7417	224.75	85.755	17.079	368.95	26.252	0
"2015-05-08	20:00:00"	3.4778	233.29	85.031	17.645	167.14	26.243	0
"2015-05-08	21:00:00"	4.4211	46.744	79.507	23.992	22.647	26.237	0
"2015-05-08	22:00:00"	10.732	65.968	71.16	47.643	0.04982	26.258	0
"2015-05-08	23:00:00"	13.638	80.203	67.318	73.785	0.05702	26.264	0
"2015-05-09	00:00:00"	14.216	81.086	64.98	77.264	0.06465	26.261	0
"2015-05-09	01:00:00"	12.78	86.59	63.522	80.306	0.07186	26.27	0
"2015-05-09	02:00:00"	12.043	88.298	63.4	82.339	0.07292	26.243	0
"2015-05-09	03:00:00"	5.9105	59.737	63.377	85.318	0.092	26.246	0
"2015-05-09	04:00:00"	5.4699	51.893	63.278	86.551	0.08267	26.237	0
"2015-05-09	05:00:00"	4.5739	25.277	62.882	87.472	0.07207	26.234	0
"2015-05-09	06:00:00"	4.0078	29.215	60.288	90.419	0.04727	26.237	0
"2015-05-09	07:00:00"	3.9401	26.632	57.334	91.654	0.3805	26.27	0
"2015-05-09	08:00:00"	3.2566	338.51	56.567	92.912	70.265	26.296	0
"2015-05-09	09:00:00"	7.4384	304.28	62.377	78.841	259.56	26.317	0
"2015-05-09	10:00:00"	10.57	302.74	69.593	38.083	467.12	26.329	0
"2015-05-09	11:00:00"	10.098	291.91	72.726	25.102	661.01	26.32	0
"2015-05-09	12:00:00"	11.855	249.94	75.189	21.153	816.8	26.326	0
"2015-05-09	13:00:00"	14.927	239.04	76.951	19.028	922.93	26.311	0
"2015-05-09	14:00:00"	13.89	226.82	78.692	18.317	965.43	26.288	0
"2015-05-09	15:00:00"	18.618	236.35	81.419	13.912	950.52	26.282	0
"2015-05-09	16:00:00"	18.732	246.01	81.788	12.04	877.65	26.276	0
"2015-05-09	17:00:00"	20.323	253.62	81.314	10.193	756.04	26.27	0
"2015-05-09	18:00:00"	19.835	262	80.603	9.95	585.52	26.267	0
"2015-05-09	19:00:00"	16.755	273.64	79.471	10.389	381.81	26.27	0
"2015-05-09	20:00:00"	14.567	281.09	77.116	9.5369	176.34	26.27	0
"2015-05-09	21:00:00"	10.419	302.92	73.307	11.421	24.642	26.27	0
"2015-05-09	22:00:00"	4.6379	30.535	65.831	17.829	0.07716	26.282	0
"2015-05-09	23:00:00"	3.1156	334.23	63.812	20.505	0.07334	26.299	0
"2015-05-10	00:00:00"	2.4339	344.69	61.109	23.37	0.06317	26.323	0
"2015-05-10	01:00:00"	1.4773	13.932	59.359	25.376	0.07526	26.32	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-10	02:00:00"	3.9128	312.06	58.161	27.453	0.0744	26.302	0
"2015-05-10	03:00:00"	8.3786	315.09	58.687	24.138	0.06084	26.294	0
"2015-05-10	04:00:00"	10.404	316.33	57.406	25.11	0.05787	26.314	0
"2015-05-10	05:00:00"	6.0391	359.63	54.48	29.015	0.06847	26.341	0
"2015-05-10	06:00:00"	9.6785	0.52722	54.287	31.659	0.06529	26.344	0
"2015-05-10	07:00:00"	9.5455	1.7812	51.996	37.796	0.52189	26.358	0
"2015-05-10	08:00:00"	11.444	359.2	52.263	39.241	72.079	26.373	0
"2015-05-10	09:00:00"	11.339	357.9	57.648	34.347	261.22	26.385	0
"2015-05-10	10:00:00"	12.386	351.01	62.151	28.519	476.29	26.394	0
"2015-05-10	11:00:00"	10.801	345.65	65.207	25.538	673.99	26.394	0
"2015-05-10	12:00:00"	6.0416	319.12	68.185	21.931	831.23	26.391	0
"2015-05-10	13:00:00"	7.06	257.78	71.069	19.139	937.1	26.382	0
"2015-05-10	14:00:00"	11.69	244.07	73.966	16.754	986.12	26.37	0
"2015-05-10	15:00:00"	10.563	249.59	75.532	15.201	971.44	26.364	0
"2015-05-10	16:00:00"	9.7369	247.3	76.766	13.199	894.66	26.356	0
"2015-05-10	17:00:00"	9.5884	239.13	77.543	12.869	764.04	26.35	0
"2015-05-10	18:00:00"	8.368	249.27	77.752	12.768	590.22	26.347	0
"2015-05-10	19:00:00"	4.9927	197.62	77.535	13.4	384.92	26.344	0
"2015-05-10	20:00:00"	3.0565	121.32	76.654	13.691	179.1	26.356	0
"2015-05-10	21:00:00"	4.3912	113.98	71.21	19.804	27.983	26.37	0
"2015-05-10	22:00:00"	4.3887	69.776	65.142	25.956	0.06296	26.388	0
"2015-05-10	23:00:00"	5.6433	37.039	60.481	30.864	0.07568	26.412	0
"2015-05-11	00:00:00"	4.8454	63.115	61.111	27.887	0.10048	26.418	0
"2015-05-11	01:00:00"	1.8318	30.122	60.004	27.744	0.06402	26.426	0
"2015-05-11	02:00:00"	5.8024	42.747	55.581	34.255	0.09221	26.435	0
"2015-05-11	03:00:00"	9.0987	84.475	56.543	50.088	0.07229	26.441	0
"2015-05-11	04:00:00"	8.6768	69.165	53.137	68.155	0.08437	26.45	0
"2015-05-11	05:00:00"	8.803	65.437	51.512	73.957	0.08797	26.453	0
"2015-05-11	06:00:00"	9.5772	55.189	48.814	78.503	0.08225	26.468	0
"2015-05-11	07:00:00"	11.411	46.621	48.681	78.833	0.88501	26.497	0
"2015-05-11	08:00:00"	14.644	45.009	50.016	72.901	36.162	26.515	0
"2015-05-11	09:00:00"	17.928	57.361	53.424	59.742	223.51	26.55	0
"2015-05-11	10:00:00"	19.453	64.636	55.975	52.247	462.08	26.574	0
"2015-05-11	11:00:00"	17.544	64.1	58.125	47.576	611.04	26.595	0
"2015-05-11	12:00:00"	15.753	61.002	59.361	45.11	616.16	26.607	0
"2015-05-11	13:00:00"	14.225	62.188	61.986	42.578	757.73	26.601	0
"2015-05-11	14:00:00"	12.487	71.507	64.347	41.363	842.79	26.592	0
"2015-05-11	15:00:00"	11.506	74.34	66.278	40.562	813.67	26.583	0
"2015-05-11	16:00:00"	10.773	82.337	67.645	40.936	811.3	26.565	0
"2015-05-11	17:00:00"	10.796	85.479	68.659	41.148	669.47	26.545	0
"2015-05-11	18:00:00"	10.355	74.875	69.343	41.506	535.21	26.536	0
"2015-05-11	19:00:00"	9.8897	66.588	69.611	41.553	393.49	26.53	0
"2015-05-11	20:00:00"	12.176	83.773	68.222	42.912	205.19	26.556	0
"2015-05-11	21:00:00"	11.764	85.937	64.537	48.158	32.562	26.571	0
"2015-05-11	22:00:00"	10.317	81.698	61.05	53.964	0.05511	26.592	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-11	23:00:00"	10.446	77.702	58.868	57.84	0.06847	26.607	0
"2015-05-12	00:00:00"	10.212	70.253	56.859	61.558	0.06932	26.624	0
"2015-05-12	01:00:00"	11.531	69.224	56.591	60.187	0.06147	26.612	0
"2015-05-12	02:00:00"	11.829	73.673	56.077	58.255	0.06105	26.615	0
"2015-05-12	03:00:00"	11.039	81.049	55.824	57.485	0.06169	26.621	0
"2015-05-12	04:00:00"	12.23	79.7	54.959	59.356	0.0708	26.609	0
"2015-05-12	05:00:00"	11.614	73.215	53.418	65.421	0.08564	26.615	0
"2015-05-12	06:00:00"	11.948	65.637	53.627	66.438	0.07165	26.627	0
"2015-05-12	07:00:00"	15.693	80.198	53.529	67.911	0.06635	26.636	0.12
"2015-05-12	08:00:00"	14.341	71.903	49.7	87.14	1.6125	26.657	0.26
"2015-05-12	09:00:00"	11.735	60.064	49.224	86.352	41.582	26.677	0.11
"2015-05-12	10:00:00"	13.421	72.729	50.405	81.174	144.76	26.686	0
"2015-05-12	11:00:00"	12.158	84.738	51.42	85.107	104.91	26.686	0
"2015-05-12	12:00:00"	11.859	91.022	53.542	82.954	290.99	26.692	0
"2015-05-12	13:00:00"	10.953	94.452	54.862	81.729	229.54	26.68	0
"2015-05-12	14:00:00"	10.647	84.975	56.937	79.796	320.73	26.648	0
"2015-05-12	15:00:00"	11.252	91.513	59.925	75.282	431.52	26.633	0
"2015-05-12	16:00:00"	10.277	98.054	61.78	72.541	384.75	26.586	0
"2015-05-12	17:00:00"	10.594	100.73	65.116	67.806	303.51	26.545	0
"2015-05-12	18:00:00"	10.29	108.76	65.743	66.596	147.22	26.539	0
"2015-05-12	19:00:00"	9.2914	120.97	65.748	67.001	35.526	26.536	0
"2015-05-12	20:00:00"	10.184	113.74	65.771	65.781	50.358	26.515	0
"2015-05-12	21:00:00"	11.197	90.903	63.666	69.473	8.0938	26.547	0
"2015-05-12	22:00:00"	12.483	100.26	62.285	73.744	0.07419	26.553	0
"2015-05-12	23:00:00"	13.412	105.42	61.06	77.751	0.06889	26.571	0
"2015-05-13	00:00:00"	11.385	99.052	59.632	81.864	0.06974	26.539	0
"2015-05-13	01:00:00"	11.237	105.92	58.896	84.029	0.07568	26.518	0
"2015-05-13	02:00:00"	11.426	106.4	58.575	86.096	0.05766	26.503	0.08
"2015-05-13	03:00:00"	10.469	109.29	57.885	90.114	0.06296	26.48	0.12
"2015-05-13	04:00:00"	8.6371	118.37	57.241	91.863	0.07504	26.453	0.29
"2015-05-13	05:00:00"	8.5637	122.41	57.202	92.417	0.07483	26.42	0.29
"2015-05-13	06:00:00"	7.8616	121.69	57.729	91.641	0.07017	26.409	0.1
"2015-05-13	07:00:00"	8.4407	181.58	58.308	91.532	0.11404	26.435	0
"2015-05-13	08:00:00"	10.443	206.44	58.782	90.551	19.97	26.441	0
"2015-05-13	09:00:00"	8.1219	221.35	59.332	89.271	106.69	26.453	0
"2015-05-13	10:00:00"	8.3804	239.65	61.092	84.624	371.06	26.459	0
"2015-05-13	11:00:00"	10.957	235.74	64.579	72.265	605.8	26.462	0
"2015-05-13	12:00:00"	12.509	247.29	67.207	59.449	549.2	26.468	0
"2015-05-13	13:00:00"	15.028	246.45	68.473	49.128	768.08	26.45	0
"2015-05-13	14:00:00"	15.445	247.77	70.277	45.674	762.86	26.438	0
"2015-05-13	15:00:00"	15.593	254.69	70.719	43.472	609.69	26.438	0
"2015-05-13	16:00:00"	13.5	275.96	70.767	47.907	767.54	26.435	0
"2015-05-13	17:00:00"	11.763	274.7	71.906	44.166	749.84	26.423	0
"2015-05-13	18:00:00"	11.869	267.62	72.73	41.164	580.68	26.42	0
"2015-05-13	19:00:00"	10.517	263.43	72.989	40.563	382.56	26.415	0

WCS Meteorological Data
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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-13	20:00:00"	9.5256	253.5	72.624	39.522	182.36	26.415	0
"2015-05-13	21:00:00"	3.023	231.13	68.681	49.226	28.952	26.423	0
"2015-05-13	22:00:00"	3.6617	169.45	61.893	64.732	0.07462	26.444	0
"2015-05-13	23:00:00"	4.6416	152.82	60.243	69.227	0.05957	26.459	0
"2015-05-14	00:00:00"	4.8374	151.75	59.063	71.429	0.05893	26.465	0
"2015-05-14	01:00:00"	4.9923	152.29	58.734	71.766	0.07186	26.468	0
"2015-05-14	02:00:00"	8.5366	175.69	58.752	80.256	0.0708	26.474	0
"2015-05-14	03:00:00"	8.6277	181.13	57.983	88.455	0.06911	26.465	0
"2015-05-14	04:00:00"	9.2286	189	57.557	91.242	0.05935	26.468	0
"2015-05-14	05:00:00"	11.182	185.7	58.847	91.767	0.0884	26.477	0
"2015-05-14	06:00:00"	11.359	181.41	59.717	90.562	0.06041	26.477	0
"2015-05-14	07:00:00"	8.7626	163.1	60.242	89.988	0.63488	26.48	0
"2015-05-14	08:00:00"	8.1779	149.38	60.624	90.046	52.923	26.491	0
"2015-05-14	09:00:00"	7.9722	140.37	62.52	86.825	196.83	26.503	0
"2015-05-14	10:00:00"	9.0267	145.76	64.815	81.446	358.59	26.509	0
"2015-05-14	11:00:00"	6.9177	157.43	67.898	73.658	522.46	26.509	0
"2015-05-14	12:00:00"	6.2802	141.77	71.261	65.067	698.15	26.503	0
"2015-05-14	13:00:00"	7.9666	150.98	74.332	57.275	694.73	26.488	0
"2015-05-14	14:00:00"	9.1621	154.92	75.998	55.139	651.15	26.468	0
"2015-05-14	15:00:00"	10.724	157.73	77.581	52.183	744.5	26.435	0
"2015-05-14	16:00:00"	12.641	163.88	79.263	48.521	671.94	26.409	0
"2015-05-14	17:00:00"	11.172	165.78	76.976	51.037	155.12	26.385	0
"2015-05-14	18:00:00"	12.067	169.84	68.481	70.834	24.457	26.429	0.12
"2015-05-14	19:00:00"	7.0805	83.28	61.381	67.557	34.923	26.358	0.07
"2015-05-14	20:00:00"	10.401	141.62	63.994	69.713	46.024	26.358	0.01
"2015-05-14	21:00:00"	8.432	147.22	64.736	72.948	4.5489	26.335	0.02
"2015-05-14	22:00:00"	4.2483	117.88	63.456	75.379	0.08098	26.379	0
"2015-05-14	23:00:00"	6.0907	158.87	60.998	79.863	0.06465	26.391	0
"2015-05-15	00:00:00"	4.2899	158.54	59.719	78.378	0.05702	26.382	0
"2015-05-15	01:00:00"	6.6891	172.26	61.741	82.508	0.06275	26.373	0
"2015-05-15	02:00:00"	5.145	214.44	61.46	85.346	0.0778	26.367	0
"2015-05-15	03:00:00"	3.868	221.68	59.829	88.339	0.07843	26.347	0
"2015-05-15	04:00:00"	2.5656	198.83	58.463	91.082	0.06953	26.347	0
"2015-05-15	05:00:00"	4.3583	153.88	57.504	92.029	0.08924	26.361	0
"2015-05-15	06:00:00"	4.7659	146.37	57.419	87.231	0.08712	26.373	0
"2015-05-15	07:00:00"	4.2645	148.2	56.517	87.596	0.64633	26.382	0
"2015-05-15	08:00:00"	7.9834	159.31	58.061	91.983	27.181	26.406	0
"2015-05-15	09:00:00"	9.7984	174.96	61.341	91.769	219.41	26.409	0
"2015-05-15	10:00:00"	10.282	184.23	66.861	75.257	459.31	26.412	0
"2015-05-15	11:00:00"	12.716	190.71	70.698	60.168	651.48	26.406	0
"2015-05-15	12:00:00"	12.509	187.72	73	53.386	797.37	26.403	0
"2015-05-15	13:00:00"	12.693	200.33	75.109	47.546	910.41	26.394	0
"2015-05-15	14:00:00"	12.154	209.76	76.765	42.284	939.35	26.364	0
"2015-05-15	15:00:00"	12.798	206.05	78.604	35.712	887.24	26.344	0
"2015-05-15	16:00:00"	12.743	213.54	80.039	31.673	852.81	26.32	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-15	17:00:00"	13.479	205.37	80.436	30.191	644.45	26.288	0
"2015-05-15	18:00:00"	13.359	193.74	81.403	28.842	538.76	26.27	0
"2015-05-15	19:00:00"	12.538	189.36	81.514	28.845	358.4	26.261	0
"2015-05-15	20:00:00"	11.797	151.32	78.938	36.391	159.69	26.252	0
"2015-05-15	21:00:00"	8.3904	137.85	74.23	45.665	10.204	26.255	0
"2015-05-15	22:00:00"	11.515	136.11	72.461	52.69	0.0672	26.261	0
"2015-05-15	23:00:00"	9.5175	157.34	68.932	67.792	0.07334	26.279	0.13
"2015-05-16	00:00:00"	5.0045	128.83	63.424	81.844	0.08479	26.291	0.12
"2015-05-16	01:00:00"	8.0896	127.68	64.182	82.998	0.07144	26.27	0
"2015-05-16	02:00:00"	10.893	159.3	64.952	83.953	0.07207	26.249	0
"2015-05-16	03:00:00"	9.4585	170.28	64.38	83.152	0.06444	26.24	0
"2015-05-16	04:00:00"	10.181	175.89	63.815	88.101	0.07462	26.232	0
"2015-05-16	05:00:00"	11.497	169.78	64.398	90.03	0.08034	26.234	0
"2015-05-16	06:00:00"	12.846	170.49	64.843	90.401	0.06444	26.232	0
"2015-05-16	07:00:00"	12.09	173.72	64.644	90.756	0.52571	26.249	0
"2015-05-16	08:00:00"	11.185	186.28	64.574	90.522	25.884	26.27	0
"2015-05-16	09:00:00"	9.8587	201.21	65.246	88.618	118.45	26.279	0
"2015-05-16	10:00:00"	9.7158	211.09	67.684	80.466	347.17	26.282	0
"2015-05-16	11:00:00"	9.3616	220.62	71.046	70.134	632.73	26.279	0
"2015-05-16	12:00:00"	11.32	242.43	73.815	55.46	757.6	26.285	0
"2015-05-16	13:00:00"	11.153	258.24	74.821	46.256	881.24	26.285	0
"2015-05-16	14:00:00"	12.928	244.35	75.775	39.877	930.54	26.282	0
"2015-05-16	15:00:00"	15.531	238.96	77.111	36.061	930.59	26.279	0
"2015-05-16	16:00:00"	22.065	247.81	78.73	27.617	832.96	26.264	0
"2015-05-16	17:00:00"	24.473	255.59	78.912	21.308	731.17	26.249	0
"2015-05-16	18:00:00"	23.575	267.64	78.463	19.166	572.52	26.264	0
"2015-05-16	19:00:00"	22.318	274.29	77.35	17.727	376.13	26.267	0
"2015-05-16	20:00:00"	16.108	276.8	75.563	17.337	178.6	26.276	0
"2015-05-16	21:00:00"	11	288.08	72.266	21.024	33.733	26.291	0
"2015-05-16	22:00:00"	10.755	299.24	68.801	24.668	0.06699	26.288	0
"2015-05-16	23:00:00"	12.284	304.22	67.579	26.137	0.09136	26.323	0
"2015-05-17	00:00:00"	10.59	307.02	64.007	30.144	0.07038	26.341	0
"2015-05-17	01:00:00"	8.1468	305.27	62.133	31.098	0.07716	26.35	0
"2015-05-17	02:00:00"	3.9774	291.16	60.839	29.983	0.07525	26.379	0
"2015-05-17	03:00:00"	2.6464	3.0993	57.652	34.412	0.05702	26.385	0
"2015-05-17	04:00:00"	3.1448	304.27	58.611	33.96	0.08818	26.397	0
"2015-05-17	05:00:00"	3.105	340.7	56.006	44.635	0.07525	26.415	0
"2015-05-17	06:00:00"	1.5516	89.043	53.224	50.141	0.08416	26.429	0
"2015-05-17	07:00:00"	2.1723	5.8154	51.906	53.321	2.4774	26.438	0
"2015-05-17	08:00:00"	2.6334	293.45	53.872	54.54	97.694	26.453	0
"2015-05-17	09:00:00"	3.0603	275.95	58.633	47.06	281.71	26.471	0
"2015-05-17	10:00:00"	6.4181	272.66	63.163	39.539	511.22	26.485	0
"2015-05-17	11:00:00"	4.984	249.14	66.249	34.454	596.95	26.494	0
"2015-05-17	12:00:00"	6.297	223.64	67.731	34.055	446.78	26.497	0
"2015-05-17	13:00:00"	8.2133	210.98	69.689	32.987	889.92	26.5	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-17	14:00:00"	10.783	221.53	72.146	28.549	765.19	26.5	0
"2015-05-17	15:00:00"	12.603	229.29	74.336	25.503	932.34	26.488	0
"2015-05-17	16:00:00"	12.49	237.11	76.34	22.305	864.35	26.471	0
"2015-05-17	17:00:00"	12.973	241.55	77.309	20.855	736.31	26.453	0
"2015-05-17	18:00:00"	11.018	217.78	77.692	21.192	568.98	26.453	0
"2015-05-17	19:00:00"	11.713	211.61	78.174	20.868	377.72	26.453	0
"2015-05-17	20:00:00"	7.9306	209.54	77.479	22.129	181.31	26.465	0
"2015-05-17	21:00:00"	3.4784	162.4	72.298	31.284	32.663	26.471	0
"2015-05-17	22:00:00"	4.508	143.34	67.441	37.193	0.05363	26.488	0
"2015-05-17	23:00:00"	4.0706	137.49	64.073	44.82	0.06508	26.506	0
"2015-05-18	00:00:00"	5.222	150.3	61.862	46.489	0.06253	26.515	0
"2015-05-18	01:00:00"	4.0575	148.11	60.935	46.489	0.06126	26.518	0
"2015-05-18	02:00:00"	1.8548	234.62	61.231	44.989	0.06359	26.515	0
"2015-05-18	03:00:00"	1.0824	162.89	59.729	46.611	0.07907	26.506	0
"2015-05-18	04:00:00"	4.8498	128.11	60.349	46.564	0.06147	0.26488	0
"2015-05-18	05:00:00"	5.0741	135.28	59.277	52.131	0.09369	26.518	0
"2015-05-18	06:00:00"	3.8258	142.47	58.42	68.524	0.07334	26.518	0
"2015-05-18	07:00:00"	5.1928	143.78	59.489	84.256	2.0443	26.533	0
"2015-05-18	08:00:00"	6.274	139.23	60.812	89.215	76.807	26.556	0
"2015-05-18	09:00:00"	8.0573	146.25	66.026	82.056	258.57	26.574	0
"2015-05-18	10:00:00"	8.5364	152.25	68.751	75.731	367.53	26.577	0
"2015-05-18	11:00:00"	6.8885	149.96	72.227	66.722	635.32	26.571	0
"2015-05-18	12:00:00"	6.2684	144.46	75.724	55.674	778.26	26.571	0
"2015-05-18	13:00:00"	6.8332	115.73	78.873	44.311	872.79	26.562	0
"2015-05-18	14:00:00"	9.4604	104.62	81.711	35.138	906.24	26.539	0
"2015-05-18	15:00:00"	11.726	123.33	84.126	29.416	911.12	26.521	0
"2015-05-18	16:00:00"	12.714	120.78	85.248	26.337	835.97	26.497	0
"2015-05-18	17:00:00"	13.485	120.69	85.873	27.21	682.68	26.462	0
"2015-05-18	18:00:00"	14.875	122.82	83.801	30.593	328.43	26.462	0
"2015-05-18	19:00:00"	14.355	124.11	80.363	36.298	59.845	26.441	0
"2015-05-18	20:00:00"	15.989	122.02	79.687	35.904	47.686	26.441	0
"2015-05-18	21:00:00"	13.897	119.25	78.102	43.711	13.364	26.444	0
"2015-05-18	22:00:00"	12.774	112.48	76.75	46.981	0.05787	26.468	0
"2015-05-18	23:00:00"	12.701	127.7	72.645	59.633	0.07631	26.488	0
"2015-05-19	00:00:00"	9.2609	102.65	66.27	75.159	0.08098	26.456	0
"2015-05-19	01:00:00"	8.1748	108.16	63.746	78.995	0.06232	26.447	0
"2015-05-19	02:00:00"	12.634	118.91	64.746	78.806	0.06805	26.447	0
"2015-05-19	03:00:00"	15.329	115.12	64.701	80.486	0.06126	26.432	0
"2015-05-19	04:00:00"	15.003	116.43	62.474	81.589	0.06084	26.426	0
"2015-05-19	05:00:00"	12.606	116.47	62.429	78.524	0.07419	26.42	0
"2015-05-19	06:00:00"	11.001	127.57	62.393	81.354	0.07652	26.42	0
"2015-05-19	07:00:00"	11.986	126.42	62.867	82.683	0.07462	26.412	0
"2015-05-19	08:00:00"	12.633	137.93	63.388	84.483	10.442	26.409	0
"2015-05-19	09:00:00"	13.409	154.83	65.294	86.727	47.38	26.418	0
"2015-05-19	10:00:00"	17.124	173.39	68.317	82.988	218.95	26.42	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-19	11:00:00"	17.895	184.32	72.427	72.984	539.11	26.418	0
"2015-05-19	12:00:00"	14.963	195.17	75.154	64.519	703.71	26.42	0
"2015-05-19	13:00:00"	11.507	203.39	78.276	53.148	863.07	26.415	0
"2015-05-19	14:00:00"	9.7182	207.26	80.652	43.44	898.6	26.406	0
"2015-05-19	15:00:00"	9.5368	233.14	82.086	35.901	839.75	26.397	0
"2015-05-19	16:00:00"	11.16	227.02	83.803	29.058	846.96	26.367	0
"2015-05-19	17:00:00"	11.886	230.03	84.617	26.026	696.86	26.353	0
"2015-05-19	18:00:00"	10.929	217.79	84.68	25.876	543.91	26.335	0
"2015-05-19	19:00:00"	10.32	214.49	84.749	22.376	372.4	26.326	0
"2015-05-19	20:00:00"	6.1261	231.11	83.725	23.852	179.09	26.329	0
"2015-05-19	21:00:00"	2.8446	152.97	78.053	34.559	33.168	26.338	0
"2015-05-19	22:00:00"	5.849	148.57	71.658	53.512	0.05639	26.356	0
"2015-05-19	23:00:00"	4.3465	143.15	69.436	74.467	0.07758	26.37	0
"2015-05-20	00:00:00"	1.6044	268.58	67.397	81.252	0.09751	26.385	0
"2015-05-20	01:00:00"	2.1071	204.98	66.098	85.06	0.08076	26.388	0
"2015-05-20	02:00:00"	2.9739	215.55	64.596	90.136	0.07568	26.391	0
"2015-05-20	03:00:00"	2.7432	196.48	64.205	91.887	0.06211	26.388	0
"2015-05-20	04:00:00"	4.9511	175.3	65.562	91.516	0.08458	26.385	0
"2015-05-20	05:00:00"	3.6437	164.15	65.303	91.009	0.07356	26.388	0
"2015-05-20	06:00:00"	4.5422	191.52	66.238	90.888	0.0814	26.4	0
"2015-05-20	07:00:00"	5.9683	356.13	66.36	89.541	0.44791	26.432	0
"2015-05-20	08:00:00"	10.853	23.553	62.141	88.546	45.535	26.456	0
"2015-05-20	09:00:00"	13.294	27.252	60.869	89.531	100.47	26.483	0
"2015-05-20	10:00:00"	13.933	29.862	59.105	89.502	134.77	26.509	0
"2015-05-20	11:00:00"	15.911	26.186	57.515	88.372	163.6	26.53	0
"2015-05-20	12:00:00"	16.418	26.225	57.948	83.67	363.37	26.539	0
"2015-05-20	13:00:00"	17.574	34.603	59.232	77.566	516.56	26.542	0
"2015-05-20	14:00:00"	18.075	36.552	60.853	72.524	710.39	26.539	0
"2015-05-20	15:00:00"	16.597	39.252	61.691	69.892	662.22	26.533	0
"2015-05-20	16:00:00"	16.417	41.391	62.988	66.649	601.48	26.53	0
"2015-05-20	17:00:00"	16.189	52.217	62.953	66.456	408.07	26.518	0
"2015-05-20	18:00:00"	17.177	45.759	62.624	66.616	405.4	26.512	0
"2015-05-20	19:00:00"	16.59	47.234	61.422	68.078	218.79	26.509	0
"2015-05-20	20:00:00"	16.301	51.015	59.542	70.497	105.6	26.518	0
"2015-05-20	21:00:00"	15.877	57.638	56.82	76.433	15.665	26.536	0
"2015-05-20	22:00:00"	16.285	61.889	54.522	82.786	0.06487	26.556	0
"2015-05-20	23:00:00"	14.306	57.374	53.11	87.521	0.06487	26.592	0
"2015-05-21	00:00:00"	12.283	51.908	52.26	90.443	0.07992	26.598	0
"2015-05-21	01:00:00"	14.275	56.415	51.621	90.957	0.07186	26.598	0
"2015-05-21	02:00:00"	12.659	57.546	51.074	91.416	0.05829	26.601	0
"2015-05-21	03:00:00"	16.679	67.089	50.723	91.485	0.0884	26.592	0.01
"2015-05-21	04:00:00"	9.9767	88.963	50.711	90.844	0.07652	26.583	0
"2015-05-21	05:00:00"	11.634	68.608	49.933	91.591	0.06593	26.583	0
"2015-05-21	06:00:00"	14.219	59.81	49.533	91.69	0.08161	26.595	0
"2015-05-21	07:00:00"	13.844	59.545	48.992	91.292	0.26519	26.609	0.01

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-21	08:00:00"	12.878	59.86	48.345	91.22	8.097	26.636	0
"2015-05-21	09:00:00"	13.76	66.311	48.177	91.004	36.624	26.639	0.01
"2015-05-21	10:00:00"	14.886	62.708	48.198	90.857	111.95	26.633	0
"2015-05-21	11:00:00"	14.874	65.798	47.769	91.267	133.08	26.636	0
"2015-05-21	12:00:00"	13.876	66.049	47.593	91.754	150.39	26.636	0
"2015-05-21	13:00:00"	14.069	68.376	48.094	90.896	201.12	26.63	0
"2015-05-21	14:00:00"	12.555	68.708	48.74	89.746	131.91	26.63	0
"2015-05-21	15:00:00"	12.429	76.306	49.498	88.422	112.56	26.612	0
"2015-05-21	16:00:00"	11.894	83.755	50.085	87.506	83.248	26.595	0
"2015-05-21	17:00:00"	8.0648	75.442	50.398	89.605	86.505	26.574	0.02
"2015-05-21	18:00:00"	9.3448	78.585	51.084	90.266	85.619	26.556	0
"2015-05-21	19:00:00"	9.3777	84.855	51.555	89.705	49.289	26.539	0.01
"2015-05-21	20:00:00"	9.4914	84.873	50.924	90.87	22.866	26.533	0
"2015-05-21	21:00:00"	10.269	91.479	50.793	91.121	3.876	26.518	0.01
"2015-05-21	22:00:00"	9.9208	88.82	50.815	91.696	0.08352	26.536	0.01
"2015-05-21	23:00:00"	9.3926	93.564	51.284	91.781	0.09221	26.556	0
"2015-05-22	00:00:00"	6.7537	102.18	51.708	91.991	0.06338	26.559	0.04
"2015-05-22	01:00:00"	3.8363	350.03	52.524	92.221	0.08522	26.568	0.04
"2015-05-22	02:00:00"	4.7398	25.79	52.258	92.198	0.07483	26.545	0.05
"2015-05-22	03:00:00"	7.4726	68.302	52.226	92.107	0.06465	26.512	0.02
"2015-05-22	04:00:00"	4.6435	60.363	52.583	91.808	0.07949	26.509	0.01
"2015-05-22	05:00:00"	3.5027	38.455	52.9	92.05	0.08373	26.515	0.01
"2015-05-22	06:00:00"	5.4743	34.962	53.156	92.186	0.08458	26.515	0
"2015-05-22	07:00:00"	5.5737	54.552	53.317	92.201	0.6158	26.512	0
"2015-05-22	08:00:00"	7.6025	80.256	53.787	92.156	22.743	26.527	0
"2015-05-22	09:00:00"	7.2383	84.56	54.54	91.936	79.521	26.53	0
"2015-05-22	10:00:00"	5.2935	92.022	55.442	91.604	120.18	26.536	0.01
"2015-05-22	11:00:00"	3.2392	84.063	56.896	90.319	148.69	26.542	0
"2015-05-22	12:00:00"	3.0957	73.568	58.536	88.453	162.81	26.545	0
"2015-05-22	13:00:00"	4.531	79.113	59.712	87.255	174.92	26.542	0
"2015-05-22	14:00:00"	5.4531	81.42	60.811	86.287	173.96	26.524	0
"2015-05-22	15:00:00"	6.0316	94.601	62.782	82.899	382.85	26.509	0
"2015-05-22	16:00:00"	6.9469	75.854	64.126	81.553	325.36	26.488	0
"2015-05-22	17:00:00"	8.3481	100.16	67.133	75.883	503.24	26.465	0
"2015-05-22	18:00:00"	9.1901	94.091	68.587	72.466	442.4	26.441	0
"2015-05-22	19:00:00"	10.634	95.908	69.913	72.303	308.62	26.423	0
"2015-05-22	20:00:00"	12.183	89.871	68.827	77.594	129.55	26.42	0
"2015-05-22	21:00:00"	12.225	82.727	65.912	86.599	12.053	26.423	0
"2015-05-22	22:00:00"	11.531	88.908	64.951	90.515	0.07568	26.418	0
"2015-05-22	23:00:00"	10.666	102.36	65.146	90.319	0.06974	26.435	0
"2015-05-23	00:00:00"	12.457	143.43	67.882	80.429	0.04918	26.438	0
"2015-05-23	01:00:00"	10.508	131.59	67.204	80.795	0.06762	26.438	0
"2015-05-23	02:00:00"	9.3069	132.84	67.116	82.576	0.07144	26.412	0
"2015-05-23	03:00:00"	9.973	155.96	66.718	85.996	0.07716	26.412	0
"2015-05-23	04:00:00"	12.688	146.1	66.508	86.91	0.0602	26.391	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-23	05:00:00"	11.544	144.34	65.337	89.165	0.09984	26.385	0
"2015-05-23	06:00:00"	9.7934	145.72	64.511	89.841	0.08776	26.385	0
"2015-05-23	07:00:00"	7.7075	142.89	63.56	89.025	0.7998	26.394	0
"2015-05-23	08:00:00"	7.3676	146.83	63.574	86.212	55.453	26.409	0
"2015-05-23	09:00:00"	10.258	150.91	66.054	81.987	181.13	26.432	0
"2015-05-23	10:00:00"	10.919	163.7	68.103	75.035	243.59	26.423	0
"2015-05-23	11:00:00"	12.006	180.48	69.717	68.242	283.41	26.429	0
"2015-05-23	12:00:00"	11.338	192.99	71.662	64.951	424.02	26.42	0
"2015-05-23	13:00:00"	10.612	192.27	75.311	54.039	755.43	26.406	0
"2015-05-23	14:00:00"	8.8452	203.27	78.612	43.775	930.67	26.385	0
"2015-05-23	15:00:00"	9.5573	203.62	79.533	41.199	584.9	26.364	0
"2015-05-23	16:00:00"	6.6884	159.01	75.623	48.594	143.38	26.329	0
"2015-05-23	17:00:00"	10.298	142.99	68.638	49.323	46.45	26.288	0
"2015-05-23	18:00:00"	12.709	154.89	70.241	51.278	305.78	26.305	0
"2015-05-23	19:00:00"	13.997	131.13	65.426	63.27	21.49	26.279	0
"2015-05-23	20:00:00"	7.1998	157.5	65.225	58.788	44.928	26.302	0
"2015-05-23	21:00:00"	6.3535	151.54	62.845	65.42	21.686	26.308	0
"2015-05-23	22:00:00"	3.0982	147.1	59.456	72.562	0.09242	26.32	0
"2015-05-23	23:00:00"	3.0975	136.9	57.357	76.403	0.07419	26.347	0
"2015-05-24	00:00:00"	4.5428	137.96	57.02	76.995	0.08818	26.347	0
"2015-05-24	01:00:00"	3.6419	134.4	56.591	80.581	0.07186	26.329	0
"2015-05-24	02:00:00"	5.5613	151.97	56.197	84.159	0.0744	26.326	0
"2015-05-24	03:00:00"	5.2736	127.12	56.45	85.983	0.05088	26.332	0
"2015-05-24	04:00:00"	5.7589	189.97	57.195	86.894	0.08522	26.344	0
"2015-05-24	05:00:00"	4.4503	253.83	56.542	88.066	0.08225	26.341	0
"2015-05-24	06:00:00"	3.2659	252.8	55.929	88.035	0.07928	26.326	0
"2015-05-24	07:00:00"	3.3467	214.69	55.056	85.716	0.91702	26.323	0
"2015-05-24	08:00:00"	4.0296	180.51	53.814	85.709	66.057	26.341	0
"2015-05-24	09:00:00"	6.6785	193.37	59.09	80.305	270.66	26.353	0
"2015-05-24	10:00:00"	6.9233	229.03	65.973	58.038	474.63	26.358	0
"2015-05-24	11:00:00"	12.751	258.25	71.595	29.517	663.99	26.361	0
"2015-05-24	12:00:00"	14.582	274.89	74.372	22.262	813.83	26.356	0
"2015-05-24	13:00:00"	13.886	263.69	76.33	19.738	910.67	26.344	0
"2015-05-24	14:00:00"	13.3	253.98	78.074	18.368	950.18	26.338	0
"2015-05-24	15:00:00"	12.943	239.1	79.287	17.208	935.31	26.32	0
"2015-05-24	16:00:00"	11.935	237.13	80.209	16.636	863.23	26.308	0
"2015-05-24	17:00:00"	12.518	233.32	80.953	15.186	740.4	26.291	0
"2015-05-24	18:00:00"	13.51	227.87	81.072	13.612	581.13	26.288	0
"2015-05-24	19:00:00"	12.887	219.67	80.667	13.775	390.6	26.279	0
"2015-05-24	20:00:00"	10.492	215.83	79.224	15.169	194.97	26.279	0
"2015-05-24	21:00:00"	5.6855	182.54	72.36	23.912	36.966	26.288	0
"2015-05-24	22:00:00"	5.158	150.91	65.802	32.61	0.09073	26.296	0
"2015-05-24	23:00:00"	5.2543	144.07	63.642	37.252	0.06529	26.311	0
"2015-05-25	00:00:00"	5.4407	149.95	63.01	37.282	0.06868	26.314	0
"2015-05-25	01:00:00"	3.6313	164.2	61.323	40.829	0.05299	0.26282	0

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Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-25	02:00:00"	2.8925	170.12	60.161	48.697	0.08076	26.305	0
"2015-05-25	03:00:00"	2.5899	223.67	59.42	54.776	0.05448	26.317	0
"2015-05-25	04:00:00"	2.8453	216.98	59.484	67.081	0.07589	26.311	0
"2015-05-25	05:00:00"	3.9146	263.1	60.873	66.299	0.07059	26.317	0
"2015-05-25	06:00:00"	7.0314	298.57	63.515	64.437	0.06889	26.317	0
"2015-05-25	07:00:00"	7.5484	276.35	65.023	53.503	0.07758	26.32	0
"2015-05-25	08:00:00"	6.9954	7.7685	64.313	40.787	2.1575	26.317	0
"2015-05-25	09:00:00"	4.3117	74.27	61.228	52.989	39.843	26.341	0
"2015-05-25	10:00:00"	9.5008	103.91	63.585	57.536	455.99	26.353	0
"2015-05-25	11:00:00"	9.2622	90.726	65.386	52.277	649.21	26.388	0
"2015-05-25	12:00:00"	6.269	125.4	67.677	47.718	795.14	26.397	0
"2015-05-25	13:00:00"	7.6801	127.08	69.941	44.745	892.78	26.397	0
"2015-05-25	14:00:00"	6.3032	153.82	72.686	37.848	932.25	26.391	0
"2015-05-25	15:00:00"	7.1793	189.09	75.004	32.671	918.03	26.37	0
"2015-05-25	16:00:00"	6.9227	221.82	76.854	29.435	847.49	26.35	0
"2015-05-25	17:00:00"	7.6789	247.34	79.142	25.259	701.54	26.338	0
"2015-05-25	18:00:00"	7.8175	225.55	79.863	23.285	552.85	26.32	0
"2015-05-25	19:00:00"	8.189	222.85	80.223	21.154	382.09	26.294	0
"2015-05-25	20:00:00"	7.6018	218.13	80.131	19.006	191.4	26.302	0
"2015-05-25	21:00:00"	4.1495	131.83	73.827	33.961	38.331	26.323	0
"2015-05-25	22:00:00"	5.6371	116.5	68.133	45.413	0.06508	26.338	0
"2015-05-25	23:00:00"	3.6201	131.02	64.951	47.01	0.06402	26.358	0
"2015-05-26	00:00:00"	3.3299	140.39	63.062	48.18	0.0778	26.358	0
"2015-05-26	01:00:00"	2.8123	222.11	62.133	45.97	0.06614	26.37	0
"2015-05-26	02:00:00"	7.4366	314.5	63.052	42.075	0.06995	26.382	0
"2015-05-26	03:00:00"	4.7696	321.26	61.541	48.971	0.08246	26.379	0
"2015-05-26	04:00:00"	4.5155	328.75	58.457	56.487	0.09221	26.385	0
"2015-05-26	05:00:00"	4.2744	331.07	56.375	62.043	0.07737	26.4	0
"2015-05-26	06:00:00"	4.1483	1.8714	54.449	66.468	0.08861	26.415	0
"2015-05-26	07:00:00"	3.4983	67.361	54.236	66.159	3.2285	26.438	0
"2015-05-26	08:00:00"	1.5199	285.2	56.436	63.223	92.146	26.456	0
"2015-05-26	09:00:00"	1.615	249.03	62.895	53.059	266.7	26.474	0
"2015-05-26	10:00:00"	2.7676	293.14	68.807	39.389	461.3	26.483	0
"2015-05-26	11:00:00"	4.4565	303.42	73.273	33.228	637.95	26.483	0
"2015-05-26	12:00:00"	3.9904	282.06	76.128	29.24	780.12	26.488	0
"2015-05-26	13:00:00"	7.3409	216.96	78.35	28.541	879.11	26.485	0
"2015-05-26	14:00:00"	8.9477	219.22	80.038	26.987	928.93	26.474	0
"2015-05-26	15:00:00"	8.5302	225.49	81.908	23.332	879.11	26.456	0
"2015-05-26	16:00:00"	9.3597	229	83.502	20.857	818	26.447	0
"2015-05-26	17:00:00"	8.8993	239.59	84.314	19.292	626.04	26.435	0
"2015-05-26	18:00:00"	7.7895	226.08	84.479	18.496	478.97	26.423	0
"2015-05-26	19:00:00"	3.1081	274.77	83.492	18.729	228.84	26.415	0
"2015-05-26	20:00:00"	2.6924	25.795	83.049	18.861	179.9	26.415	0
"2015-05-26	21:00:00"	3.7922	59.827	78.361	26.223	38.969	26.42	0
"2015-05-26	22:00:00"	5.6657	84.81	71.197	33.963	0.07886	26.426	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-26	23:00:00"	5.7247	82.906	67.519	38.929	0.0655	26.441	0
"2015-05-27	00:00:00"	6.2864	102.87	66.295	41.562	0.05384	26.447	0
"2015-05-27	01:00:00"	7.0414	140.71	68.096	48.127	0.06423	26.453	0
"2015-05-27	02:00:00"	5.4643	166.59	65.716	75.336	0.0602	26.453	0
"2015-05-27	03:00:00"	4.8765	179.96	65.32	86.878	0.05745	26.459	0
"2015-05-27	04:00:00"	7.0905	187.45	66.616	88.234	0.06381	26.459	0
"2015-05-27	05:00:00"	5.0698	197.06	66.002	89.487	0.06635	26.468	0
"2015-05-27	06:00:00"	2.2388	199.39	63.944	91.871	0.08394	26.474	0
"2015-05-27	07:00:00"	2.3668	80.658	62.11	92.578	1.7281	26.485	0
"2015-05-27	08:00:00"	4.5373	75.461	62.443	93.257	29.002	26.512	0
"2015-05-27	09:00:00"	8.0673	109.37	65.914	92.739	138.28	26.527	0
"2015-05-27	10:00:00"	10.202	139.65	70.377	79.613	273.77	26.533	0
"2015-05-27	11:00:00"	10.386	164.09	73.8	68.438	470.44	26.527	0
"2015-05-27	12:00:00"	9.996	167.83	76.822	61.576	716.36	26.521	0
"2015-05-27	13:00:00"	10.187	170.54	80.097	55.056	866.32	26.509	0
"2015-05-27	14:00:00"	9.4784	163.52	82.744	48.755	908.22	26.494	0
"2015-05-27	15:00:00"	9.0826	168.04	85.427	41.22	895.49	26.474	0
"2015-05-27	16:00:00"	10.312	147.63	86.782	35.745	713.64	26.453	0
"2015-05-27	17:00:00"	11.508	145.22	87.928	32.146	675.99	26.435	0
"2015-05-27	18:00:00"	11.196	137.31	87.34	31.754	406.43	26.406	0
"2015-05-27	19:00:00"	12.422	132.85	86.07	35.725	268.19	26.403	0
"2015-05-27	20:00:00"	10.944	141.29	81.71	42.522	17.858	26.412	0
"2015-05-27	21:00:00"	14.978	171.23	76.313	37.765	3.6405	26.429	0
"2015-05-27	22:00:00"	9.4237	118.11	73.339	36.011	0.12062	26.435	0
"2015-05-27	23:00:00"	9.873	110.85	73.316	36.362	0.06296	26.45	0
"2015-05-28	00:00:00"	8.7303	152.44	70.72	49.066	0.05427	26.444	0
"2015-05-28	01:00:00"	8.3312	173.61	70.315	68.956	0.08942	26.435	0
"2015-05-28	02:00:00"	6.4784	193.31	68.943	76.899	0.06232	26.426	0
"2015-05-28	03:00:00"	7.7398	202.81	67.113	80.123	0.08437	26.435	0
"2015-05-28	04:00:00"	6.4418	212.25	65.614	85.09	0.08522	26.432	0
"2015-05-28	05:00:00"	4.4353	113.38	65.044	87.537	0.0884	26.459	0
"2015-05-28	06:00:00"	4.3856	58.4	66.186	86.21	0.05978	26.465	0
"2015-05-28	07:00:00"	7.0973	118.98	67.807	83.262	0.42036	26.474	0
"2015-05-28	08:00:00"	8.1313	116.51	68.539	82.312	22.582	26.474	0
"2015-05-28	09:00:00"	7.5434	99.717	68.911	81.879	60.731	26.48	0
"2015-05-28	10:00:00"	10.531	139.34	70.879	77.509	130.89	26.477	0
"2015-05-28	11:00:00"	11.966	147.25	72.746	72.438	289.73	26.483	0
"2015-05-28	12:00:00"	12.882	152.5	75.441	66.133	558.36	26.48	0
"2015-05-28	13:00:00"	11.228	168.99	75.696	63.738	247.81	26.471	0.01
"2015-05-28	14:00:00"	7.2098	184.11	71.142	79.848	67.299	26.438	0.09
"2015-05-28	15:00:00"	6.146	179.57	71.95	80.634	116.58	26.4	0.02
"2015-05-28	16:00:00"	9.3926	191.68	74.729	73.077	227.58	26.409	0
"2015-05-28	17:00:00"	4.92	117.2	73.53	74.823	58.656	26.37	0
"2015-05-28	18:00:00"	5.514	122.26	72.928	75.928	36.133	26.37	0
"2015-05-28	19:00:00"	10.342	106.13	72.942	60.4	41.445	26.332	0

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Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-28	20:00:00"	13.99	66.436	65.348	76.251	38.241	26.353	0
"2015-05-28	21:00:00"	13.064	47.303	63.776	78.463	24.783	26.379	0
"2015-05-28	22:00:00"	14.629	66.756	60.504	84.083	0.19905	26.379	0
"2015-05-28	23:00:00"	13.617	66.347	59.419	83.619	0.06041	26.471	0
"2015-05-29	00:00:00"	13.504	66.827	60.339	78.199	0.06847	26.423	0
"2015-05-29	01:00:00"	9.0906	97.366	59.64	80.294	0.07568	26.415	0
"2015-05-29	02:00:00"	5.9279	116.88	58.732	83.003	0.09645	26.406	0
"2015-05-29	03:00:00"	3.5083	178.43	56.897	86.721	0.07038	26.391	0
"2015-05-29	04:00:00"	3.2585	239.57	55.718	89.435	0.06317	26.4	0
"2015-05-29	05:00:00"	4.3005	202	55.551	87.911	0.08246	26.429	0
"2015-05-29	06:00:00"	5.8378	52.345	56.825	83.929	0.06381	26.426	0
"2015-05-29	07:00:00"	5.2382	29.722	54.468	86.063	1.2464	26.426	0
"2015-05-29	08:00:00"	7.0718	44.125	55.593	84.875	85.114	26.435	0
"2015-05-29	09:00:00"	9.7965	49.07	61.097	76.349	264.24	26.462	0
"2015-05-29	10:00:00"	8.4245	53.798	65.545	66.784	457.26	26.477	0
"2015-05-29	11:00:00"	6.2187	65.505	69.407	58.967	634.82	26.468	0
"2015-05-29	12:00:00"	6.9227	52.535	72.256	55.796	780.18	26.462	0
"2015-05-29	13:00:00"	4.6808	57.235	74.894	50.007	858.76	26.465	0
"2015-05-29	14:00:00"	5.4469	96.067	77.833	45.839	910.27	26.456	0
"2015-05-29	15:00:00"	5.8552	66.954	80.562	41.259	896.14	26.444	0
"2015-05-29	16:00:00"	6.1224	90.587	82.637	38.643	824.01	26.432	0
"2015-05-29	17:00:00"	6.996	86.472	83.694	36.992	705.05	26.415	0
"2015-05-29	18:00:00"	9.4815	98.902	84.119	39.438	544.72	26.412	0
"2015-05-29	19:00:00"	9.6499	104.3	83.052	40.496	371.52	26.412	0
"2015-05-29	20:00:00"	10.389	103.62	81.394	43.05	185.7	26.412	0
"2015-05-29	21:00:00"	8.7551	111.14	77.712	50.37	37.965	26.418	0
"2015-05-29	22:00:00"	5.6613	69.818	72.276	62.469	0.08797	26.456	0
"2015-05-29	23:00:00"	7.8554	54.007	70.361	72.007	0.06296	26.497	0
"2015-05-30	00:00:00"	11.86	47.702	71.892	69.02	0.0672	26.465	0
"2015-05-30	01:00:00"	7.3775	74.587	68.765	59.289	0.07207	26.491	0
"2015-05-30	02:00:00"	10.056	93.039	64.228	64.525	0.0831	26.503	0
"2015-05-30	03:00:00"	7.925	77.822	60.572	68.406	0.07504	26.527	0
"2015-05-30	04:00:00"	10.126	47.172	59.044	77.114	0.07462	26.536	0
"2015-05-30	05:00:00"	13.538	7.6557	60.858	71.473	0.07758	26.592	0
"2015-05-30	06:00:00"	9.3075	343.38	59.604	76.947	0.09221	26.63	0.07
"2015-05-30	07:00:00"	10.525	41.923	58.319	81.354	0.1062	26.612	0.11
"2015-05-30	08:00:00"	14.247	86.657	58.774	78.947	1.677	26.547	0.02
"2015-05-30	09:00:00"	11.344	66.331	60.371	73.144	36.423	26.627	0
"2015-05-30	10:00:00"	7.5813	10.387	61.772	73.489	146.48	26.633	0
"2015-05-30	11:00:00"	12.371	33.623	64.505	69.538	510.05	26.633	0
"2015-05-30	12:00:00"	12.507	38.398	66.968	66.709	769.66	26.633	0
"2015-05-30	13:00:00"	11.237	38.67	68.712	61.763	774.6	26.63	0
"2015-05-30	14:00:00"	10.301	34.695	69.833	58.921	700.8	26.633	0
"2015-05-30	15:00:00"	9.2547	49.218	71.379	54.361	624.3	26.624	0
"2015-05-30	16:00:00"	8.4047	71.617	71.932	53.376	424.02	26.612	0

WCS Meteorological Data
WeatherHawk East 2010 to 2015

Weatherhawk East

Date	Time	Wspd	Wdir	Temp Avg	RH Avg	Solar Avg	BP avg	Rain
"2015-05-30"	17:00:00"	8.757	70.468	72.844	50.761	422.87	26.601	0
"2015-05-30"	18:00:00"	9.3827	75.489	74.043	49.068	474.76	26.586	0
"2015-05-30"	19:00:00"	9.553	73.992	73.426	50.739	271.44	26.574	0
"2015-05-30"	20:00:00"	11.317	76.236	71.911	58.533	209.46	26.571	0
"2015-05-30"	21:00:00"	8.2742	82.202	68.383	67.841	34.332	26.586	0
"2015-05-30"	22:00:00"	6.2193	86.255	64.646	77.533	0.15771	26.607	0
"2015-05-30"	23:00:00"	6.9022	97.55	62.495	83.855	0.07843	26.633	0
"2015-05-31"	00:00:00"	5.7048	93.581	60.832	88.272	0.07038	26.639	0
"2015-05-31"	01:00:00"	6.3858	92.716	59.924	89.3	0.0831	26.636	0
"2015-05-31"	02:00:00"	5.4556	95.681	58.85	90.313	0.08734	26.639	0
"2015-05-31"	03:00:00"	5.1027	98.049	58.432	90.859	0.07377	26.63	0
"2015-05-31"	04:00:00"	2.511	125.16	57.912	91.192	0.07801	26.621	0
"2015-05-31"	05:00:00"	1.1203	264.37	56.691	92.124	0.07631	26.612	0
"2015-05-31"	06:00:00"	1.9735	14.778	54.955	92.182	0.06953	26.612	0
"2015-05-31"	07:00:00"	3.3846	29.203	53.073	92.537	2.2271	26.612	0
"2015-05-31"	08:00:00"	4.0681	75.104	55.351	93.23	27.985	26.627	0
"2015-05-31"	09:00:00"	3.4871	103.08	58.186	93.184	67.432	26.642	0
"2015-05-31"	10:00:00"	3.6878	185.92	59.782	89.646	124.41	26.648	0
"2015-05-31"	11:00:00"	3.3169	253.85	62.875	80.651	229.57	26.639	0
"2015-05-31"	12:00:00"	3.31	271.01	65.906	71.196	418.04	26.636	0
"2015-05-31"	13:00:00"	3.3734	219.2	68.759	62.042	697.24	26.618	0
"2015-05-31"	14:00:00"	5.8775	179.36	72.168	53.651	914.29	26.604	0
"2015-05-31"	15:00:00"	6.5144	184.6	74.828	49.932	896.66	26.577	0
"2015-05-31"	16:00:00"	7.6547	187.89	77.171	45.201	827.56	26.553	0
"2015-05-31"	17:00:00"	7.3396	182.57	79.162	39.76	711.61	26.527	0
"2015-05-31"	18:00:00"	8.2027	176.71	80.289	35.789	535.4	26.512	0
"2015-05-31"	19:00:00"	8.8786	174.72	80.325	33.022	379.05	26.503	0
"2015-05-31"	20:00:00"	10.202	176.75	78.776	38.167	184.22	26.506	0
"2015-05-31"	21:00:00"	6.3057	180.35	73.844	48.732	26.941	26.515	0
"2015-05-31"	22:00:00"	4.4335	163.23	67.872	62.538	0.09857	26.518	0
"2015-05-31"	23:00:00"	4.3956	148.56	65.566	70.55	0.06381	26.521	0